



eutelsat
communications via satellite

Eutelsat TV Line-Up

Channels transmitted by Eutelsat satellites

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Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content.

Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content.

Contact your local dealer or installer to find out more.

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
EUTELSAT 117 WEST A								
3.720	V C	Edusat	package	DVB-S	3/4	27.000		
	C	Telesecundaria	TV	DVB-S	3/4	27.000		Spanish
	C	TV Docencia	TV	DVB-S	3/4	27.000		Spanish
	C	ILCE Canal 13	TV	DVB-S	3/4	27.000		Spanish
	C	UnAD	TV	DVB-S	3/4	27.000		Spanish
	C	ILCE Canal 15	TV	DVB-S	3/4	27.000		Spanish
	C	Canal 22 Nacional	TV	DVB-S	3/4	27.000		Spanish
	C	Telebachillerato	TV	DVB-S	3/4	27.000		Spanish
	C	ILCE Canal 18	TV	DVB-S	3/4	27.000		Spanish
	C	Tele México	TV	DVB-S	3/4	27.000		Spanish
	C	TV Universidad	TV	DVB-S	3/4	27.000		Spanish
	C	Red de las Artes	TV	DVB-S	3/4	27.000		Spanish
	C	Aprende	TV	DVB-S	3/4	27.000		Spanish
	C	Canal del Congreso	TV	DVB-S	3/4	27.000		Spanish
	C	Especiales	TV	DVB-S	3/4	27.000		Spanish
	C	Transmisiones Especiales 27	TV	DVB-S	3/4	27.000		Spanish
	C	TV UNAM	TV	DVB-S	3/4	27.000		Spanish
3.744	V C	INE TV	TV	DVB-S2	3/4	2.665		Spanish
3.748	V C	Radio Centro	radio	DVB-S	7/8	2.100		Spanish
3.768	V C	Inti Network	TV	DVB-S2	3/4	4.800		Spanish
3.772	V C	Gama TV	TV	DVB-S	3/4	3.515	BISS	Spanish
3.786	V C	unknown	package	DVB-S	3/4	6.900		
	C	Cine Click Channel	TV	DVB-S	3/4	6.900		Spanish
	C	X-Time Channel	TV	DVB-S	3/4	6.900		Spanish
	C	Mis Películas	TV	DVB-S	3/4	6.900		Spanish
	C	TeLe-Romántica	TV	DVB-S	3/4	6.900		Spanish
3.804	H C	Canal Judicial	TV	DVB-S	3/4	4.000		Spanish
	C	Congreso TV	TV	DVB-S2	5/6	1.480		Spanish
3.808	H C	Canal Antigua	TV	DVB-S	3/4	2.170		Spanish
3.820	H C	Canal Uno	TV	DVB-S2	3/4	2.000	BISS	Spanish
3.824	H C	Canal 10	TV	DVB-S	3/4	1.808		Spanish
3.835	V C	TVC Networks	package	Digicipher 2	2/3	19.510	Encrypted	
	C	Fox Sports Cono Norte	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	National Geographic Channel Latin America	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	Casa Club TV	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	AMC Mexico	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	Platino	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	Eurochannel	TV	Digicipher 2	2/3	19.510	Encrypted	Portuguese
	C	Pánico	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	TeleFórmula	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	Film & Arts América Latina	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
	C	Gran Canal Latino	TV	Digicipher 2	2/3	19.510	Encrypted	Spanish
3.850	H C	Honduras mux	package	DVB-S	3/4	4.710		
	C	Canal 30	TV	DVB-S	3/4	4.710		Spanish
	C	DTV	TV	DVB-S	3/4	4.710		Spanish
3.853	H C	UCSG TV	TV	DVB-S2	3/4	1.667		Spanish
3.854	V C	unknown	package	DVB-S2	2/3	8.333		
	C	Cine Mexicano	TV	DVB-S2	2/3	8.333		Spanish
	C	Pánico	TV	DVB-S2	2/3	8.333		Spanish
	C	KWTV-TV	TV	DVB-S2	2/3	8.333		English
	C	Platino 2	TV	DVB-S2	2/3	8.333		Spanish
	C	Platino 2	TV	DVB-S2	2/3	8.333		Spanish
3.868	V C	unknown	package	DVB-S2	3/4	8.131		
	C	Trace Sport Stars	TV	DVB-S2	3/4	8.131		English,English
3.883	H C	TV Manabita	TV	DVB-S2	3/4	1.350		Spanish
3.888	V C	Telerama	TV	DVB-S2	2/3	1.480		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.895	H C	TV 10 Chiapas	TV	DVB-S	3/4	3.609		Spanish
3.897	V C	Canela TV	TV	DVB-S	3/4	1.480		Spanish
3.899	H C	CorTV	TV	DVB-S	3/4	3.617		Spanish
3.903	V C	La Voz de Maria	TV	DVB-S	7/8	2.200		Spanish
	C	Unah UTV	TV	DVB-S2	5/6	1.480		Spanish
3.905	H C	Teleceiba	TV	DVB-S2	3/4	1.600		Spanish
3.908	H C	Canal Antigua	TV	DVB-S	3/4	2.170		Spanish
3.911	H C	Veá Canal	TV	DVB-S	3/4	2.500		Spanish
3.914	H C	Unsión TV	TV	DVB-S2	5/6	2.105		Spanish
3.916	H C	IPN	TV	DVB-S	3/4	1.520		Spanish
3.920	V C	MW Network	package	Digicipher 2	3/4	7.320	Encrypted	
	C	Movie World	TV	Digicipher 2	3/4	7.320	Encrypted	Spanish
	C	Momentum	TV	Digicipher 2	3/4	7.320	Encrypted	Spanish
	C	Beverly Hills Movies	TV	Digicipher 2	3/4	7.320	Encrypted	Spanish
3.926	V C	Globo TV	TV	DVB-S	3/4	2.222		Spanish
	C	Radio Globo Honduras	radio	DVB-S	3/4	2.222		Spanish
3.930	V C	Teleuniverso	TV	DVB-S	7/8	2.310		Spanish
3.932	V C	Mas TV Canal 54	TV	DVB-S2	3/4	1.447		Spanish
3.940	H C	Televisa Networks	package	Digicipher 2	3/4	29.270	Encrypted	
	C	De Película	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Golden	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Golden Edge	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Unicable	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	TeleHit	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Ritmoson	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Bandamax	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Tinovelas América	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Canal de las Estrellas México	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Foro TV	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Canal 5	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Gala TV	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Tiin	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C	Canal de las Estrellas México +2	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
3.949	V C	Honduras mux	package	DVB-S2	2/3	11.250		
	C	DTV	TV	DVB-S2	2/3	11.250		Spanish
	C	Si TV	TV	DVB-S2	2/3	11.250		Spanish
	C	Mi Viña Channel	TV	DVB-S2	2/3	11.250		Spanish
	C	Hondured	TV	DVB-S2	2/3	11.250		Spanish
	C	Beat TV	TV	DVB-S2	2/3	11.250		Spanish
	C	HCH	TV	DVB-S2	2/3	11.250		Spanish
	C	Honduras TV	TV	DVB-S2	2/3	11.250		Spanish
	C	Sulavision	TV	DVB-S2	2/3	11.250		Spanish
	C	Canal 11	TV	DVB-S2	2/3	11.250		Spanish
	C	TV Hondureña	TV	DVB-S2	2/3	11.250		Spanish
	C	Todo Deportes TV	TV	DVB-S2	2/3	11.250		Spanish
	C	TeleProgreso	TV	DVB-S2	2/3	11.250		Spanish
	C	Reflexiones TV	TV	DVB-S2	2/3	11.250		Spanish
	C	Activa TV	TV	DVB-S2	2/3	11.250		Spanish
	C	Musiquera	radio	DVB-S2	2/3	11.250		Spanish
	C	CHNoticias	radio	DVB-S2	2/3	11.250		Spanish
3.957	V C	CB TV Michoacan	TV	DVB-S2	5/6	1.595		Spanish
3.960	V C	CB TV México	TV	DVB-S2	5/6	1.595		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.962	V C	NTV	TV	DVB-S2	3/4	1.800		Spanish
3.968	V C	Ecuavisa	package	DVB-S	3/4	7.500	BISS	
	C	Ecuavisa	TV	DVB-S	3/4	7.500	BISS	Spanish
	C	Ecuavisa Internacional	TV	DVB-S	3/4	7.500	BISS	Spanish
3.969	H C	Monte María TV	TV	DVB-S2	3/4	1.100		Spanish
3.975	H C	TV Nacional de Honduras	package	DVB-S	3/4	2.170		
	C	TV Nacional de Honduras	TV	DVB-S	3/4	2.170		Spanish
	C	Noticias TNH	TV	DVB-S	3/4	2.170		Spanish
3.976	V C	RTG	TV	DVB-S	3/4	2.666		Spanish
3.984	V C	NTR Canal 44	TV	DVB-S	3/4	3.100		Spanish
3.989	V C	Telefuturo	TV	DVB-S	3/4	2.892		Spanish
4.009	V C	Dominican Republic mux	package	DVB-S	3/4	6.379		
	C	Tele Antillas	TV	DVB-S	3/4	6.379		Spanish
	C	Coral 39	TV	DVB-S	3/4	6.379		Spanish
	C	Telesistema	TV	DVB-S	3/4	6.379		Spanish
4.015	V C	Ecuador TV 7	TV	DVB-S	3/4	3.000		Spanish
4.031	V C	Dominican Republic mux	package	DVB-S	5/6	15.200		
	C	Telemicro Canal 5	TV	DVB-S	5/6	15.200		Spanish
	C	Telemicro Internacional	TV	DVB-S	5/6	15.200		Spanish
	C	Digital 15	TV	DVB-S	5/6	15.200		Spanish
	C	Independencia FM	radio	DVB-S	5/6	15.200		Spanish
	C	Primera FM	radio	DVB-S	5/6	15.200		Spanish
4.044	H C	Panamericana TV	TV	DVB-S	3/4	3.333	Nagravision 2/Nagravision 3	Spanish
4.049	H C	México Gobierno Federal	package	DVB-S	3/4	3.330		
4.052	V C	TV Méxicuense	TV	DVB-S	3/4	4.307		Spanish
	C	Radio Méxicuense	radio	DVB-S	3/4	4.307		Spanish
4.056	V C	Plural TV	TV	DVB-S	2/3	1.800		Spanish
4.064	H C	unknown	package	Digicipher 2	3/4	19.510		
	C	Canal del Congreso	TV	Digicipher 2	3/4	19.510		Spanish
	C	Canal Once	TV	Digicipher 2	3/4	19.510	Encrypted	Spanish
	C	Canal Judicial	TV	Digicipher 2	3/4	19.510		Spanish
	C	Gobierno de la República	TV	Digicipher 2	3/4	19.510		Spanish
	C	Canal Once	TV	Digicipher 2	3/4	19.510		Spanish
4.075	H C	Cemesatel	TV	DVB-S	3/4	2.962		Spanish
4.084	H C	Guatevisión	TV	DVB-S	7/8	3.162		Spanish
4.090	H C	El Financiero Bloomberg	package	DVB-S2	5/6	5.000		
	C	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		Spanish
	C	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		Spanish
4.103	H C	Ecuavisa Quito	TV	DVB-S2	2/3	1.600		Spanish
4.106	H C	Telesur	TV	DVB-S	2/3	3.200		Spanish
4.109	H C	México Travel Channel	TV	DVB-S2	3/4	2.885		Spanish
4.116	H C	Azteca Guatemala	TV	DVB-S2	3/4	2.900		Spanish
4.120	V C	Nacion TV Internacional	TV	DVB-S2	5/6	30.000	Digicipher	Spanish
4.134	H C	Ecuador TV	package	DVB-S	3/4	4.400		
	C	Ecuador TV 7	TV	DVB-S	3/4	4.400		Spanish
	C	Ecuador TV Internacional	TV	DVB-S	3/4	4.400		Spanish
4.152	H C	Ecotel TV	package	DVB-S2	3/5	1.321		
	C	Ecotel TV	TV	DVB-S2	3/5	1.321		Spanish
4.155	H C	Oromar TV	TV	DVB-S2	3/4	1.480		Spanish
4.178	H C	Azteca Honduras	TV	DVB-S2	3/4	2.800		Spanish
4.189	H C	Edusat	package	Digicipher 2	3/4	9.760		
	C	Telesecundaria	TV	Digicipher 2	3/4	9.760		Spanish
	C	TV Docencia	TV	Digicipher 2	3/4	9.760		Spanish
	C	TV UNAM	TV	Digicipher 2	3/4	9.760		Spanish
12.060	V Ku 2	Tigo	package	DVB-S	3/4	30.000	Conax	
	Ku 2	The History Channel Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Tigo promo	TV	DVB-S	3/4	30.000		Spanish
	Ku 2	Warner Channel Este	TV	DVB-S	3/4	30.000	Conax	Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal Sony Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	E! Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	HBO Family Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	MTV Latino	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Max Prime Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Universal Channel América Latina Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	I-Sat	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Family Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Cinéma	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Azteca Internacional	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Caracol TV	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Golden Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	AMC Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Golden Edge	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports 3 Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Discovery Turbo América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Cinemax Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	EWTN España Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports 2 Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Cinecanal Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	HBO 2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	National Geographic Channel Latin America Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	H2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Film Zone Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	HBO Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
12.080	H Ku 2	Tigo	package	DVB-S	3/4	30.000	Conax	
	Ku 2	Ve Plus TV	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	FX Latin	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN 2 América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Life Latin	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Telemundo Internacional	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Azteca Novelas	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN 3 América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Pasiones Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	MundoFox Oeste	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	FX Latin	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 2	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 4	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 12	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 6	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Megavisión Canal 21	TV	DVB-S	3/4	30.000	Conax	Spanish
12.100	V Ku 2	Tigo	package	DVB-S	3/4	29.000	Conax	
	Ku 2	TNT América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Elgourmet	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Nick Jr Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Boomerang Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TVE Internacional América 1	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Cartoon Network Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Animal Planet Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox Movies Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox Action Este	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	HTV	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Investigation Discovery Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Discovery Channel Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 2	TCM América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Discovery Kids América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney Junior Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	CNN en Español	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Infinito	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Venus	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TNT América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Discovery Home & Health Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox 1 Este	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Nickelodeon Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney Channel Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney XD Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
12.126	V Ku 2	Tecnológico de Monterrey	package	DVB-S	3/4	5.400	Irdeto	
	Ku 2	Universidad TEC Virtual Canal 1	TV	DVB-S	3/4	5.400	Irdeto	Spanish
	Ku 2	Universidad TEC Virtual Canal 2	TV	DVB-S	3/4	5.400	Irdeto	Spanish
12.175	H Ku 2	BYU TV International	TV	DVB-S	3/4	3.704		Spanish
12.180	H Ku 2	ESNE TV	TV	DVB-S	1/2	3.000		Spanish
	Ku 2	ESNE Radio	radio	DVB-S	1/2	3.000		Spanish
12.189	H Ku 2	XEWT 12	TV	DVB-S	7/8	1.660	BISS	Spanish

EUTELSAT 115 WEST A

12.041	V Ku 2	Televisa mosaic	TV	DVB-S	?	1.562		Spanish
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EUTELSAT 113 WEST A

3.704	V C 1	UDG TV Canal 44	TV	DVB-S2	3/4	2.222		Spanish
3.709	V C 1	TV de Campeche	TV	DVB-S	3/4	3.255		Spanish
3.714	V C 2	Red Guaraní	TV	DVB-S	3/4	2.120		Spanish
	C 2	Radio Obedira	radio	DVB-S	3/4	2.120		Spanish
3.731	V C 1	TV Tabasqueña	TV	DVB-S	7/8	3.782		Spanish
	C 1	La Más Choca de Todas	radio	DVB-S	7/8	3.782		Spanish
3.736	V C 1	TeleFórmula	TV	DVB-S	3/4	3.254		Spanish
3.744	V C 1	TV Cuatro	TV	DVB-S	3/4	2.893		Spanish
3.752	V C 1	Telemar	TV	DVB-S	3/4	2.893		Spanish
3.756	V C 1	Telemax	TV	DVB-S	3/4	2.500		Spanish
	C 1	Radio Sonora	radio	DVB-S	3/4	2.500		Spanish
3.760	V C 1	Telesur	TV	DVB-S	3/4	2.893		Spanish
3.764	H C 1	RCG TV	TV	DVB-S	3/4	2.934		Spanish
3.765	V C 1	Megacanal	TV	DVB-S	3/4	3.254		Spanish
3.768	H C 1	Sistema Michoacano de TV	TV	DVB-S	7/8	2.976		Spanish
	C 1	Sistema Michoacano de Radio	radio	DVB-S	7/8	2.976		Spanish
3.769	V C 1	Video Rola	TV	DVB-S	3/4	3.363		Spanish
	C 1	Sistema Michoacano de Radio	radio	DVB-S	3/4	3.363		Spanish
3.773	V C 1	Green TV	TV	DVB-S	3/4	2.532		Spanish
	C 1	Trecevisión	TV	DVB-S	3/4	2.875		Spanish
3.780	H C 1	Azteca Siete	package	DVB-S	5/6	4.406		
	C 1	Azteca Siete Nuevo León	TV	DVB-S	5/6	4.406		Spanish
	C 1	Azteca Siete Coahuila	TV	DVB-S	5/6	4.406		Spanish
	C 1	Azteca Siete Tamaulipas	TV	DVB-S	5/6	4.406		Spanish
3.784	H C 1	Tele 10	TV	DVB-S	7/8	2.666		Spanish
3.787	H C 1	unknown	package	DVB-S	3/4	2.083	PowerVu	
	C 1	W Radio	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Radiopolis	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	TDW	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	W Radio	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083	PowerVu	Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083	PowerVu	Spanish
3.821	H C 1	Hidalgo TV	TV	DVB-S	7/8	3.255		Spanish
	C 1	Hidalgo Radio	radio	DVB-S	7/8	3.255		Spanish
3.825	H C 1	Canal 22 Nacional	TV	DVB-S2	5/6	3.621		Spanish
3.828	V C 1	Conoce México	TV	DVB-S	5/6	2.550		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.829	H C 1	Canal Once	TV	DVB-S2	5/6	3.620		Spanish
3.834	H C 1	Una Voz Con Todos	TV	DVB-S2	5/6	3.620		Spanish
3.835	V C 1	Mayavisión	TV	DVB-S	3/4	1.807		Spanish
3.837	V C 1	Conoce México	TV	DVB-S	7/8	2.550		Spanish
3.848	H C 1	Telestai	TV	DVB-S	3/4	2.893		Spanish
	C 1	Multimedios TV	package	DVB-S2	3/4	13.842	PowerVu	
	C 1	Multimedios Plus	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	Milenio TV	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	TeleRitmo	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	Multimedios TV USA	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	Milenio TV	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	Multimedios TV Houston	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
	C 1	Multimedios TV	TV	DVB-S2	3/4	13.842	PowerVu	Spanish
3.853	H C 1	Imagen Informativa	TV	DVB-S	3/4	3.255		Spanish
3.857	H C 1	C7 Jalisco	TV	DVB-S	3/4	2.804		Spanish
	C 1	XEJB AM 630	radio	DVB-S	3/4	2.804		Spanish
	C 1	XEJB FM 96.3	radio	DVB-S	3/4	2.804		Spanish
3.863	H C 1	TV Nuevo León	TV	DVB-S	3/4	3.200		Spanish
	C 1	1510 La Nueva Radio	radio	DVB-S	3/4	3.200		Spanish
3.867	H C 1	TV de Tlaxcala	TV	DVB-S2	3/5	2.415		Spanish
	C 1	Radio Tlaxcala	radio	DVB-S2	3/5	2.415		Spanish
3.875	H C 1	Cadena Tres	TV	DVB-S	3/4	4.166		Spanish
3.880	V C 1	TVC Networks	package	Digicipher 2	3/4	29.270	Encrypted	
	C 1	Discovery Home & Health Latinoamérica	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	TLC Latinoamérica	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Canal Once	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Studio Universal México	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Animal Planet Latinoamérica	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	MTV Latino	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Ocho TV	TV	Digicipher 2	3/4	29.270		Spanish
	C 1	Ocho TV	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	ESPN América Latina	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Investigation Discovery Latinoamérica	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Discovery Kids América Latina	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
3.900	H C 1	Hi-TV	package	DVB-S2	3/5	30.000	Conax	
	C 1	Azteca Novelas	TV	DVB-S2	3/5	30.000	Conax	Spanish
	C 1	Azteca Trece	TV	DVB-S2	3/5	30.000	Conax	Spanish
	C 1	Azteca Siete	TV	DVB-S2	3/5	30.000	Conax	Spanish
	C 1	Azteca Noticias	TV	DVB-S2	3/5	30.000	Conax	Spanish
3.920	V C 1	TVC Networks	package	Digicipher 2	3/4	29.270	Encrypted	
	C 1	EuroNews	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Fox Life Latin	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Eurochannel	TV	Digicipher 2	3/4	29.270	Encrypted	Portuguese
	C 1	NBA TV	TV	Digicipher 2	3/4	29.270	Encrypted	English
	C 1	Proyecto 40	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Casa Club TV	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Infinito	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	Azteca Trece	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish
	C 1	WOBI TV	TV	Digicipher 2	3/4	29.270		Spanish
	C 1	AMC Latin America	TV	Digicipher 2	3/4	29.270	Encrypted	Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C 1	TV 5 Monde Amérique latine	TV	Digicipher 2	3/4	29.270	Encrypted	French
3.940	H C 1	Alterna TV	package	DVB-S2	5/6	20.008	PowerVu	
	C 1	Canal Once	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Canal 22 Internacional	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	AyM Sports	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Béisbol Latino	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Latin American Sports Puerto Rico	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Telemicro Canal 5	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Ecuavisa	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Sistema Michoacano de TV	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Latinoamérica TV	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 1	Motors TV Latin America	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
3.955	H C 1	Excélsior TV	TV	DVB-S2	?	2.400		Spanish
4.034	H C 3	Claro TV promo	TV	DVB-S	3/4	3.551		Spanish
4.072	V C 3	TV Más	TV	DVB-S2	3/5	2.286		Spanish
	C 3	Radio Más	radio	DVB-S2	3/5	2.286		Spanish
4.080	V C 3	Globovisión	TV	DVB-S	3/4	2.920		Spanish
4.140	H C 3	Alterna TV	package	DVB-S2	5/6	20.008	PowerVu	
	C 3	Canal Once	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Fix & Foxi	TV	DVB-S2	5/6	20.008	PowerVu	German
	C 3	AyM Sports	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Latin American Sports USA	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Latin American Sports Puerto Rico	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Telemicro Internacional	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Ecuavisa Internacional	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	CB TV Michoacan	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	PX TV	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Canal 22 Internacional	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
	C 3	Motors TV North America	TV	DVB-S2	5/6	20.008	PowerVu	English
	C 3	Motors TV Latin America	TV	DVB-S2	5/6	20.008	PowerVu	Spanish
11.989	V Ku 2	MTA	package	DVB-S	3/4	3.750		
	Ku 2	MTA International	TV	DVB-S	3/4	3.750		English,Arabic
	Ku 2	MTA InfoCast	TV	DVB-S	3/4	3.750		
11.994	V Ku 2	unknown	package	DVB-S	2/3	4.340		
	Ku 2	Esperanza TV	TV	DVB-S	2/3	4.340		Spanish
	Ku 2	Hope Channel	TV	DVB-S	2/3	4.340		English
12.046	H Ku 2	Reuters Live	TV	DVB-S2	3/5	14.200		English
12.089	H Ku 2	ADTH	package	DVB-S	3/4	11.719		
	Ku 2	CCTV 4 America	TV	DVB-S	3/4	11.719		Chinese
	Ku 2	Hwazan Satellite TV	TV	DVB-S	3/4	11.719		Chinese
	Ku 2	Da Ai 2	TV	DVB-S	3/4	11.719		Chinese
	Ku 2	Taiwan Macroview TV	TV	DVB-S	3/4	11.719		Chinese
	Ku 2	BVN TV Amerika	TV	DVB-S	3/4	11.719		Dutch
	Ku 2	G&E	TV	DVB-S	3/4	11.719		Chinese
12.110	H Ku 2	Tele Restauración	TV	DVB-S	?	2.170		Spanish
12.161	V Ku 2	Apostolic Oneness Network	TV	DVB-S	3/4	1.480		English

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11.329	H Europe	Intimacy	TV	DVB-S2	2/3	3.500	BISS	Turkish
11.340	H Europe	TV Canção Nova Internacional	TV	DVB-S	3/4	2.136		Portuguese
11.408	V Europe	Skylogic	package	DVB-S	3/4	27.500		
	Europe	KTO	TV	DVB-S	3/4	27.500		French
	Europe	Skylogic	interactive	DVB-S	3/4	27.500		
11.622	H North & South America	Record Europa	TV	DVB-S	?	3.255		Portuguese
11.643	H North & South America	TV Sul Bahia	TV	DVB-S	?	2.398		Portuguese
11.645	V South America	TV Supren	TV	DVB-S	?	4.790		Portuguese
11.651	V South America	AASP TV	TV	DVB-S	?	3.688		Portuguese
12.505	V Europe	Echorouk TV News	TV	DVB-S2	2/3	1.555		Arabic
12.541	H Europe	Europa 7	package	DVB-S2	.	28.230		
	Europe	Fly	TV	DVB-S2	.	28.230		Italian
	Europe	Sentimental HD	TV	DVB-S2	.	28.230		Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.569	H Europe	Easy Baby	TV	DVB-S2	.	28.230		Italian
3	H Europe	Belgian mux	package	DVB-S	1/2	.890		
	Europe	Radio Contact	radio	DVB-S	1/2	.890		French
	Europe	Maximum	radio	DVB-S	1/2	.890		French
	Europe	Bel RTL	radio	DVB-S	1/2	.890		French
12.577	H Europe	Corallo Sat	TV	DVB-S2	5/6	2.222		Italian
12.583	H Europe	TV Tunisia 1	TV	DVB-S	3/4	Y 2.894		Arabic
	Europe	Radio Nationale	radio	DVB-S	3/4	2.894		Arabic
	Europe	Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	2.894		
12.595	H Europe	Gruppo Norba	package	DVB-S2	5/6	1.875		
	Europe	TG Norba 24	TV	DVB-S2	5/6	1.875		Italian
	Europe	Radionorba TV	TV	DVB-S2	5/6	1.875		Italian
12.604	H Europe	Q TV	TV	DVB-S2	5/6	1.200		Italian
12.672	H Europe	Rede Internacional de TV	TV	DVB-S	3/4	2.141		Portuguese
12.718	H Europe	Telecom Italia Media Broadcasting	package	DVB-S2	5/6	36.510		
	Europe	Agon Channel Italia	TV	DVB-S2	5/6	36.510		Italian
	Europe	Giallo	TV	DVB-S2	5/6	36.510		Italian
	Europe	RTL 102.5 RadioVisione	TV	DVB-S2	5/6	36.510		Italian
	Europe	HSE 24 Italia	TV	DVB-S2	5/6	36.510		Italian
	Europe	Real Time	TV	DVB-S2	5/6	36.510		Italian
	Europe	DMAX Italia	TV	DVB-S2	5/6	36.510		Italian
	Europe	Entertainment Fact	TV	DVB-S2	5/6	36.510		Italian
	Europe	RTL 102.5 Cool	radio	DVB-S2	5/6	36.510		Italian
	Europe	Telecom Italia Media Broadcasting	package	DVB-S2	5/6	36.510		
	Europe	Split TV	TV	DVB-S2	5/6	36.510		Italian
	Europe	Junior TV	TV	DVB-S2	5/6	36.510		Italian
	Europe	Alice	TV	DVB-S2	5/6	36.510		Italian
	Europe	Marcopolo	TV	DVB-S2	5/6	36.510		Italian
	Europe	Leonardo	TV	DVB-S2	5/6	36.510		Italian
	Europe	Nuvolari	TV	DVB-S2	5/6	36.510		Italian
	Europe	Super!	TV	DVB-S2	5/6	36.510		Italian
	Europe	Telecom Italia Media Broadcasting	package	DVB-S2	5/6	36.510		
	Europe	Vero Capri	TV	DVB-S2	5/6	36.510		Italian
	Europe	MTV Music Italia	TV	DVB-S2	5/6	36.510		Italian
	Europe	La 7	TV	DVB-S2	5/6	36.510		Italian
	Europe	Frisbee	TV	DVB-S2	5/6	36.510		Italian
	Europe	Seratissima Frisbee	TV	DVB-S2	5/6	36.510		Italian
	Europe	MTV Italia	TV	DVB-S2	5/6	36.510		Italian
	Europe	K2	TV	DVB-S2	5/6	36.510		Italian
	Europe	Seratissima K2	TV	DVB-S2	5/6	36.510		Italian
	Europe	La 7 d	TV	DVB-S2	5/6	36.510		Italian
	Europe	Telecom Italia Media Broadcasting	package	DVB-S2	5/6	36.510		
	Europe	Split TV	TV	DVB-S2	5/6	36.510		Italian
	Europe	Junior TV	TV	DVB-S2	5/6	36.510		Italian
	Europe	Alice	TV	DVB-S2	5/6	36.510		Italian
	Europe	Marcopolo	TV	DVB-S2	5/6	36.510		Italian
	Europe	Leonardo	TV	DVB-S2	5/6	36.510		Italian
	Europe	Nuvolari	TV	DVB-S2	5/6	36.510		Italian
	Europe	Super!	TV	DVB-S2	5/6	36.510		Italian

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11.471	V East Africa & Middle East	MBC	package	DVB-S	5/6	27.500		
	East Africa & Middle East	Al Hadath	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	Al Arabiya	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	MBC Pro Sports 1	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	MBC Pro Sports 2	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	MBC Pro Sports 1	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	MBC Pro Sports 2	TV	DVB-S	5/6	27.500		Arabic
	East Africa & Middle East	MBC Maser +2	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.512	V East Africa & Middle East	unknown	package	DVB-S	3/4	27.500		
	East Africa & Middle East	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al-Abasia TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	AUC 2 Kurdistan	TV	DVB-S	3/4	27.500		Kurdish
	East Africa & Middle East	Q TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Cima Elmaw2f	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Alquds Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Art Music	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Halab Today TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Nada TV Aflam	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Ahlulbayt Arabic TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Almydan TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Shareia	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	YMC	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Gulfsat promo	TV	DVB-S	3/4	27.500		
	East Africa & Middle East	Roaa TV	TV	DVB-S	3/4	27.500		Arabic
11.554	V East Africa & Middle East	Gulfsat	package	DVB-S	3/4	27.500		
	East Africa & Middle East	Sanaa Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Roaa TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Alwatan Plus	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Channel 4 Teen	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Alwatan TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Albawadi TV	TV	DVB-S	3/4	27.500		
	East Africa & Middle East	Rawasi TV	TV	DVB-S	3/4	27.500		
	East Africa & Middle East	Al-Mahdi TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Algad TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Khartoum TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Kout Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Fallujah TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Altarbaweya	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Qadsawy TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Almareefa	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Gamar Hashimi	TV	DVB-S	3/4	27.500		Arabic
11.595	V East Africa & Middle East	Gulfsat	package	DVB-S	3/4	27.500		
	East Africa & Middle East	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Alquds Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Halab Today TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Wesal TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Tayba TV	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East Africa & Middle East	Omdurman TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Wesal Haq	TV	DVB-S	3/4	27.500		
	East Africa & Middle East	Free Syria TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Suhail TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Deir Press Network	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Shada TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Rushd TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Jamawar Kurdistan	TV	DVB-S	3/4	27.500		Kurdish
	East Africa & Middle East	Kassala TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Ahwazona	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Berekah Broadcasting Network	radio	DVB-S	3/4	27.500		
	East Africa & Middle East	Tayba FM	radio	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Fujairah 95.1 FM	radio	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Zayed Radio	radio	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Jamawar News Radio	radio	DVB-S	3/4	27.500		Kurdish
11.637	V East Africa & Middle East	Al Jazeera	package	DVB-S	3/4	27.500		
	East Africa & Middle East	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Jazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Jazeera English	TV	DVB-S	3/4	27.500		English
	East Africa & Middle East	Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Qatar TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Jazeera Mubasher Misr	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Jazeera America	TV	DVB-S	3/4	27.500		English
11.678	H Pan-America	Caribsat	interactiv e	DVB-S2	?	30.000		
	East Africa & Middle East	Gulfsat	package	DVB-S	3/4	27.500		
	East Africa & Middle East	Bahrain TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Bahrain TV Channel 55	TV	DVB-S	3/4	27.500		English
	East Africa & Middle East	Bahrain International	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	KTV 1	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	KTV 2	TV	DVB-S	3/4	27.500		English
	East Africa & Middle East	KTV Sport	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Hadath	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Al Arabiya	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Sanabil	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Red Sea Channel	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Sudan Music	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Ixir TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Neelain TV	TV	DVB-S	3/4	27.500		Arabic
	East Africa & Middle East	Goan TV	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East Africa & Middle East	Radio Erena	radio	DVB-S	3/4	27.500		
12.543	H Europe	Belgian mux	package	DVB-S	1/2	.890		
	Europe	Radio Contact	radio	DVB-S	1/2	.890		French
	Europe	Maximum	radio	DVB-S	1/2	.890		French
	Europe	Bel RTL	radio	DVB-S	1/2	.890		French

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10.971	H Ku	unknown	package	DVB-S	3/4	27.500		
	Ku	Roaa TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al-Abasia TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Aljabal TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Aqila TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Ahl Alfah TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Farah TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Sun TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Libya R Zone promo	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al-Ahly TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Hala TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Diyala TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Kirkuk TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al-Waseet TV Channel	TV	DVB-S	3/4	27.500		Arabic
11.006	H Ku	OSN	package	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	
	Ku	Al Yawm	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Al Safwa	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Cinema 1	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Cinema 2	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Musalsalat +4	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Musalsalat	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Fann	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Music Now	TV	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Tarabiya't	radio	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Khalijya't	radio	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
	Ku	Monawa't	radio	DVB-S2	2/3	17.000	Betacrypt/Irdeto 2	Arabic
11.034	V Ku	Nilesat	package	DVB-S	3/4	27.500		
	Ku	Al Sindebad TV Channel promo	TV	DVB-S	3/4	27.500		Arabic
	Ku	KurdMax Pepûle	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Waar Sport	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Waar HD	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Waar HD	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Radio MICT	radio	DVB-S	3/4	27.500		Kurdish
11.054	H Ku	Noorsat	package	DVB-S	3/4	27.500		
	Ku	Sama Salah Aldeen TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alremas TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Evin TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Hona Baghdad Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	Ku	IQT	TV	DVB-S	3/4	27.500		Arabic
	Ku	GEM Kurd	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Al-Ghadeer Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	Ku	Iraq TV Channel	TV	DVB-S	3/4	27.500		Arabic
	Ku	Nahno TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Jordan Arab TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Fursan TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	4U	TV	DVB-S	3/4	27.500		Arabic
11.075	V Ku	STN	package	DVB-S	3/4	27.500		
	Ku	Alahwaz TV	TV	DVB-S	3/4	27.500		Farsi
	Ku	Logos TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Mekameleen TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alkarma TV Middle East & Australia	TV	DVB-S	3/4	27.500		Arabic
	Ku	FMI	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Shareia	TV	DVB-S	3/4	27.500		Arabic
	Ku	Med Muzik	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Alhurra Jordan	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku	The Way TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al-Nahar Iraq TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Darbaka TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Sawt Alitraa TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alruqia 2	TV	DVB-S	3/4	27.500		Arabic
	Ku	Zahrat Falasteen	TV	DVB-S	3/4	27.500		Arabic
	Ku	Iraq Today	TV	DVB-S	3/4	27.500		Arabic
	Ku	Almadina Misurata Paints	TV	DVB-S	3/4	27.500		Arabic
	Ku	Almostashar	TV	DVB-S	3/4	27.500		Arabic
	Ku	Nay TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Um Eldonia promo	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alkadhmy TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Digit	TV	DVB-S	3/4	27.500		Arabic
	Ku	Arab Medical	TV	DVB-S	3/4	27.500		Arabic
11.096	H Ku	ViewSat	package	DVB-S	3/4	27.500		
	Ku	Panorama Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	Honest Cinema 1	TV	DVB-S	3/4	27.500		Arabic
	Ku	October TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Homos TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Islah TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cima Masr	TV	DVB-S	3/4	27.500		Arabic
	Ku	Honest Drama	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Ezz	TV	DVB-S	3/4	27.500		Arabic
	Ku	Masr AlHurra	TV	DVB-S	3/4	27.500		Arabic
	Ku	Rijal wa Aamal	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Masrawia 2	TV	DVB-S	3/4	27.500		Arabic
	Ku	Shakawa TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Mona Lisa TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Shahed Al Mostaqel	TV	DVB-S	3/4	27.500		Arabic
	Ku	Tal2a Hendy	TV	DVB-S	3/4	27.500		Arabic
	Ku	Masr El Arab	TV	DVB-S	3/4	27.500		Arabic
	Ku	Meen TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Misr ElBald	TV	DVB-S	3/4	27.500		Arabic
	Ku	Salah El-Din One	TV	DVB-S	3/4	27.500		Arabic
	Ku	CRT Drama	TV	DVB-S	3/4	27.500		Arabic
	Ku	Murex TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	CDC Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	Galaxy Clip	TV	DVB-S	3/4	27.500		Arabic
	Ku	Tijara TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alkhaleej TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Harbi TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Dolly Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Qabael TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	The Savior	TV	DVB-S	3/4	27.500		Arabic
	Ku	Play Hekayat	TV	DVB-S	3/4	27.500		Arabic
11.117	V Ku	Gulfsat	package	DVB-S	3/4	27.500		
	Ku	Al-Waseet TV Channel	TV	DVB-S	3/4	27.500		Arabic
	Ku	Alasayel TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Art Aflam	TV	DVB-S	3/4	27.500		Arabic
	Ku	City Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	Manaret Al-Khalij	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cyrenaica TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Art Music	TV	DVB-S	3/4	27.500		Arabic
	Ku	Shnpoo Aflam	TV	DVB-S	3/4	27.500		Arabic
	Ku	Layaly Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	5 Cinema TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	LTV Cinema	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cima Elmaw2f	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cairo Zaman	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Qabael TV promo	TV	DVB-S	3/4	27.500		Arabic
	Ku	3afrotoo	TV	DVB-S	3/4	27.500		Arabic
	Ku	Hareem Al Sultan	TV	DVB-S	3/4	27.500		Arabic
	Ku	Badinan Sat	TV	DVB-S	3/4	27.500		Kurdish
11.137	H Ku	Noorsat	package	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku	Lolaa	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cairo One TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Samarra TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Jackie Chan	TV	DVB-S	3/4	27.500		Arabic
	Ku	Elsharq	TV	DVB-S	3/4	27.500		Arabic
	Ku	Time Action	TV	DVB-S	3/4	27.500		Arabic
	Ku	2khtna Lak	TV	DVB-S	3/4	27.500		Arabic
	Ku	IKids	TV	DVB-S	3/4	27.500		Arabic
	Ku	Durrah TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Sama Kirkuk TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Feloul	TV	DVB-S	3/4	27.500		Arabic
	Ku	Egypt Now	TV	DVB-S	3/4	27.500		Arabic
	Ku	Belody Aflam	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cinema 2	TV	DVB-S	3/4	27.500		Arabic
	Ku	WWE TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Cinema 1	TV	DVB-S	3/4	27.500		Arabic
	Ku	Sout Masr	TV	DVB-S	3/4	27.500		Arabic
	Ku	Taqateq	TV	DVB-S	3/4	27.500		Arabic
	Ku	Layali Ons	TV	DVB-S	3/4	27.500		Arabic
11.179	H Ku	Noorsat Misr	package	DVB-S	3/4	27.500		
	Ku	Kurdsat News	TV	DVB-S	3/4	27.500		Kurdish
	Ku	Furqadyn TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Kidzinia Cartoon	TV	DVB-S	3/4	27.500		Arabic
	Ku	Time Turki	TV	DVB-S	3/4	27.500		Arabic
	Ku	Imam Hussein TV 2	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Bayyannah TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	Ku	Suroyo TV	TV	DVB-S	3/4	27.500		Syriac
	Ku	Mada Chat	TV	DVB-S	3/4	27.500		Arabic
	Ku	Libya News Channel	TV	DVB-S	3/4	27.500		Arabic
	Ku	Libya Montdana FM	TV	DVB-S	3/4	27.500		Arabic
	Ku	Ajyal Libya	TV	DVB-S	3/4	27.500		Arabic
	Ku	NourSat	TV	DVB-S	3/4	27.500		Arabic
	Ku	Libya Turathiya	TV	DVB-S	3/4	27.500		Arabic
	Ku	Ajwaa FM	radio	DVB-S	3/4	27.500		Arabic
	Ku	ANA Radio	radio	DVB-S	3/4	27.500		Arabic

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10.719	V MENA	Qatar TV	package	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
	MENA	Sout al Khaleej 2	radio	DVB-S2	3/4	22.000		Arabic
	MENA	Sout al Khaleej 3	radio	DVB-S2	3/4	22.000		Arabic
	MENA	Sout al Khaleej 4	radio	DVB-S2	3/4	22.000		Arabic
10.727	H MENA	Gulfsat	package	DVB-S	5/6	27.500		
	MENA	Marina FM TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	OBS	TV	DVB-S	5/6	27.500		
	MENA	Sudan Vote	TV	DVB-S	5/6	27.500		Arabic
	MENA	Bzaf TV	TV	DVB-S	5/6	27.500		French
	MENA	Al Mayadeen TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alahwaz TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hogar	TV	DVB-S	5/6	27.500		Arabic
	MENA	Amir Alshea	TV	DVB-S	5/6	27.500		Arabic
	MENA	Baity TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Albaraka	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Shahed TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Arrab TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alanwar TV 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dzair Tube	TV	DVB-S	5/6	27.500		Arabic
	MENA	Tunisia News Network	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Eshraq TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhujja Satellite Channel	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Libya Almkthar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Awhad TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Velayat TV Network	TV	DVB-S	5/6	27.500		Farsi
	MENA	Al Tanasuh TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zayed Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Fujairah 92.6 FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Alkafeel Radio	radio	DVB-S	5/6	27.500		Arabic
10.758	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Bin Othaimen	TV	DVB-S	5/6	27.500		Arabic
	MENA	EBC	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Soyoof TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Sahraa TV 3	TV	DVB-S	5/6	27.500		Arabic
	MENA	Rawabi TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	KurdMax	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Future International	TV	DVB-S	5/6	27.500		Arabic
	MENA	Safa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alamaken Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sada TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al M3ali TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Tchad	radio	DVB-S	5/6	27.500		French
10.777	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Cairo Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Baghdadia 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Seha Wal Jamal TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	LBC Sat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Qithara TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Cairo Cinema	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Kass One	TV	DVB-S	5/6	27.500		Arabic
	MENA	Iraq Edu 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	TV Tunisia 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Kass Two	TV	DVB-S	5/6	27.500		Arabic
10.796	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	A TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	TV Tunisia 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Libya Kid promo	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zagros TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Al Adhwaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kurdsat	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Alamaken Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Massaya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Jazeera Mubasher	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Zitouna FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Z Radio	radio	DVB-S	5/6	27.500		Kurdish
	MENA	Radio Tunis Chaîne Internationale	radio	DVB-S	5/6	27.500		
	MENA	Radio Nationale	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Culturelle	radio	DVB-S	5/6	27.500		Arabic
10.815	H MENA	ViewSat	package	DVB-S	5/6	27.500		
	MENA	Althawra TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dalooa	TV	DVB-S	5/6	27.500		
	MENA	Alabrar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alaraby TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alasayel TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Miracle	TV	DVB-S	5/6	27.500		Arabic
	MENA	Chaîne Nord-Africaine	TV	DVB-S	5/6	27.500		French
	MENA	Libya TV	TV	DVB-S	5/6	27.500		English
	MENA	Aghapy TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alasr TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Basira	TV	DVB-S	5/6	27.500		
	MENA	Algharbiya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Haysa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Magharibia	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Harramsi TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sout El Kabel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Panorama Comedy	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Al-Watan AUC promo	TV	DVB-S	5/6	27.500		Arabic
	MENA	Elshaddai TV Network	TV	DVB-S	5/6	27.500		Amharic
	MENA	Melody TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zein TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hamasat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Nadi El Asdikaa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Insen TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	AKH TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	CTV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Madani Channel	TV	DVB-S	5/6	27.500		Urdu
	MENA	Nour El Shabeb	TV	DVB-S	5/6	27.500		Arabic
	MENA	Libya Almontda	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Magharibia 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Gsoor TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Esh Elbolbol	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jordan Future	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Watan Job TV	TV	DVB-S	5/6	27.500		Arabic
10.834	V MENA	OSN	package	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	
	MENA	OSN Ya Hala! HD	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	Arabic,Arabic
	MENA	OSN Movies HD +2	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English,English
	MENA	OSN Movies Comedy HD	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English,English
	MENA	OSN Sports 1 HD	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English,English
	MENA	OSN Comedy	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English,English
	MENA	OSN Ya Hala! Shabab HD	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	Arabic,Arabic
	MENA	Sundance Channel Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
10.853	H MENA	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
	MENA	BeIn Sports 11 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English
	MENA	BeIn Sports 12 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English
	MENA	BeIn Sports 13 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	French
	MENA	BeIn Sports 14 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	French
10.873	V MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Mazaya TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Arraed TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Asia TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Time Film	TV	DVB-S	3/4	27.500		Arabic
	MENA	Elmad 7	TV	DVB-S	3/4	27.500		Arabic
	MENA	TRT Kurdî	TV	DVB-S	3/4	27.500		Kurdish
	MENA	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Top Movies	TV	DVB-S	3/4	27.500		Arabic
	MENA	NART TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Zweina Baladna	TV	DVB-S	3/4	27.500		Arabic
	MENA	Fact International	TV	DVB-S	3/4	27.500		Arabic
	MENA	Jordan Akariah	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Zintan TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Pêlistank TV	TV	DVB-S	3/4	27.500		Kurdish
	MENA	Time Taxi	TV	DVB-S	3/4	27.500		Arabic
	MENA	More Fun	TV	DVB-S	3/4	27.500		Arabic
	MENA	Nour TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	All TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Thaqalayn TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Mayadeen TV	TV	DVB-S	5/6	27.500		Arabic
10.892	H MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Melody TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Alhayah Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	Alhayah Mosalsalat	TV	DVB-S	3/4	27.500		Arabic
	MENA	RT Arabic	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Rasheed TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Mix TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	OTV	TV	DVB-S	3/4	27.500		Arabic
	MENA	KNN	TV	DVB-S	3/4	27.500		Arabic
	MENA	GK Channel	TV	DVB-S	3/4	27.500		Kurdish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Sharqiya News	TV	DVB-S	3/4	27.500		Arabic
	MENA	Ahl-E-Bait TV Farsi	TV	DVB-S	3/4	27.500		Farsi
	MENA	Rûdaw	TV	DVB-S	3/4	27.500		Kurdish
	MENA	Rûdaw	TV	DVB-S	3/4	27.500		Kurdish
	MENA	Naynawa Alghad	TV	DVB-S	3/4	27.500		Arabic
	MENA	Iraq Today	TV	DVB-S	3/4	27.500		Arabic
	MENA	Radio Nawa Arabic	radio	DVB-S	3/4	27.500		Arabic
	MENA	Libya 24	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Rasheed FM	radio	DVB-S	3/4	27.500		
	MENA	Radio Nawa Kurdish	radio	DVB-S	3/4	27.500		Kurdish
10.922	V MENA	Mena Media	package	DVB-S	5/6	27.500		
	MENA	Tawazon	TV	DVB-S	5/6	27.500		Arabic
	MENA	Tunisna TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Fayhaa Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Syrian Educational TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Jazeera Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Maghreb 24 TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Shareyyah Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Lubnania	TV	DVB-S	5/6	27.500		Arabic
	MENA	Promed TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Etihad	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alikhbaria Syria	TV	DVB-S	5/6	27.500		Arabic
	MENA	TRT Arapça	TV	DVB-S	5/6	27.500		Arabic
	MENA	Almustakillah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	El Watan Dzazaira	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sama TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	El-Bernameg Al-Aam	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Sout Al-Sha'ab	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Amwaj	radio	DVB-S	5/6	27.500		
	MENA	Radio Sout Al-Shbab	radio	DVB-S	5/6	27.500		Arabic
10.930	H MENA	Jordan Media City	package	DVB-S	5/6	27.500		
	MENA	Albabelyia TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Naeem TV	TV	DVB-S	5/6	27.500		
	MENA	Jordan Sport	TV	DVB-S	5/6	27.500		Arabic
	MENA	Maestro	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aghanina TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Etejah Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Algérie 4	TV	DVB-S	5/6	27.500		
	MENA	Kanal 4	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Al Janoubiya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Algérie 5	TV	DVB-S	5/6	27.500		Arabic
	MENA	A Konoz Altb TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Libya TV Shop	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Dawaela	TV	DVB-S	5/6	27.500		Arabic
	MENA	Asari TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Iraqi Medical TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kitabat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	ABNCENA	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dzair 7	TV	DVB-S	5/6	27.500		Arabic
	MENA	MCC	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kuwait Deretna	TV	DVB-S	5/6	27.500		Arabic
	MENA	JBC Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Al Quran Al Kareem Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Alamel Radio	radio	DVB-S	5/6	27.500		Arabic
10.992	V NW Africa	Al Jazeera	package	DVB-S	3/4	27.500		
	NW Africa	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Jazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Jazeera English	TV	DVB-S	3/4	27.500		English
	NW Africa	Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Qatar TV	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Jazeera Mubasher Misr	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Jazeera America	TV	DVB-S	3/4	27.500		English
11.158	V NW Africa	Kurdistan SC	package	DVB-S	5/6	27.500		
	NW Africa	NRT	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	NRT 2	TV	DVB-S	5/6	27.500		
	NW Africa	Rêga	TV	DVB-S	5/6	27.500		Kurdish
	NW Africa	Win TV Arabia	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	Ishtar TV	TV	DVB-S	5/6	27.500		
	NW Africa	Speda Channel	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	Rêga	TV	DVB-S	5/6	27.500		Kurdish
	NW Africa	Amozhgary TV	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	Nalia FM	radio	DVB-S	5/6	27.500		Arabic
	NW Africa	Waar Radio	radio	DVB-S	5/6	27.500		Kurdish
11.219	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Jazeera Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Hadarah	TV	DVB-S	5/6	27.500		Arabic
	MENA	CRT General	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Fayhaa Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	LTC promo	TV	DVB-S	5/6	27.500		Arabic
	MENA	Panorama Film	TV	DVB-S	5/6	27.500		Arabic
	MENA	Fardeen Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aljamiya Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	ESTV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Falstiniyah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	MCP	TV	DVB-S	5/6	27.500		Arabic
	MENA	Shabab TV	TV	DVB-S	5/6	27.500		Arabic
11.227	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Kahera	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Kanal	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Askandria	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Delta	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Saeed	TV	DVB-S	5/6	27.500		Arabic
	MENA	Teba	TV	DVB-S	5/6	27.500		Arabic
	MENA	Misr Al Zeraeey	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dünya TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Al Salam Alaika	TV	DVB-S	5/6	27.500		
	MENA	Yemen TV	TV	DVB-S	5/6	27.500		Arabic
11.258	H MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Stade News	TV	DVB-S	3/4	27.500		Arabic
	MENA	Tobacts FM TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	El Moled	TV	DVB-S	3/4	27.500		Arabic
	MENA	El Bilad News	TV	DVB-S	3/4	27.500		Arabic
	MENA	Salam TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Coc	TV	DVB-S	5/6	27.500		Arabic
	MENA	Talaqie	TV	DVB-S	3/4	27.500		Arabic
	MENA	Gladiator	TV	DVB-S	3/4	27.500		Arabic
	MENA	Time Sha3beyat	TV	DVB-S	3/4	27.500		Arabic
	MENA	Yemen Shabab TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Tobacts TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya Shataoi Hsa	TV	DVB-S	3/4	27.500		Arabic
	MENA	Misrata TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Bait Baitak Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	Time Movies	TV	DVB-S	3/4	27.500		Arabic
	MENA	ME Sat	TV	DVB-S	3/4	27.500		Arabic
	MENA	L'index TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Sobrata TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Mody Kids Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Waad Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	South Sudan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Tobacts FM	radio	DVB-S	3/4	27.500		Arabic
	MENA	Al-Watan	TV	DVB-S	5/6	27.500		
11.277	V MENA	OSN	package	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	
	MENA	Discovery Channel Middle East & Africa	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	ITV Choice	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Discovery Science Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Animal Planet Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Sky News UK	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Fight Network	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.296	H MENA	unknown	package	DVB-S	3/4	27.500		
	MENA	Rotana Mousica	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Clip	TV	DVB-S	3/4	27.500		Arabic
	MENA	Fox Middle East	TV	DVB-S	3/4	27.500		Arabic,English
	MENA	Rotana Khalijia	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Classic	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Masriya	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	Fox Movies Middle East	TV	DVB-S	3/4	27.500		English
	MENA	Rotana Aflam	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al-Resalah	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al-Sabah TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aladalah TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana FM	radio	DVB-S	3/4	27.500		Arabic
11.315	V MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	Canary TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Karameesh	TV	DVB-S	5/6	27.500		Arabic
	MENA	Noon Kids TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Jameela	TV	DVB-S	5/6	27.500		Arabic
	MENA	4Shbab TV 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Taha TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Masar Al-Oula Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Infone	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alquds Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	4Shbab TV 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hasna TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Maaref TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jamawar Kurdistan	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Noor Jordan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Green Life	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zitouna TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Shareyyah Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jordan Voice	TV	DVB-S	5/6	27.500		Arabic
	MENA	MBCCode	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aqsa Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Jazeera Mubasher	TV	DVB-S	5/6	27.500		Arabic
	MENA	Toyor Aljanah	TV	DVB-S	5/6	27.500		Arabic
11.334	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Libya 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Danah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Burhan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Selah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Fursan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Resalat Al Islam	TV	DVB-S	5/6	27.500		Arabic
	MENA	Qatar Today TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Telvza TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aqwaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Qassim TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alerth Alnabawi Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hona Alquds TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ayaat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	JoSat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Semsem	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kaifa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Nilat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	ANB	TV	DVB-S	5/6	27.500		Arabic
	MENA	N TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Athar TV	TV	DVB-S	5/6	27.500		Arabic
11.354	V MENA	STN	package	DVB-S	5/6	27.500		
	MENA	Ta3arof TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	MTA 3 Al Arabiyah	TV	DVB-S	5/6	27.500		Arabic
	MENA	Velayat TV Network	TV	DVB-S	5/6	27.500		Farsi
	MENA	Cima Shubra Palace	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kalam TV	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Al Malakoot Sat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dua Channel	TV	DVB-S	5/6	27.500		
	MENA	Al Hayat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Am	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ronahi TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Aden Live TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sat 7 Kids	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sat 7 Arabic	TV	DVB-S	5/6	27.500		Arabic
	MENA	NourSat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Atfal & Mawaheb	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hod Hod Arabic TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	In TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Newroz TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Çira TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Inta Omri TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alruqiya	TV	DVB-S	5/6	27.500		Arabic
	MENA	Farid Herbs	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ana Bintizarek	TV	DVB-S	5/6	27.500		Arabic
	MENA	Anta Oana	TV	DVB-S	5/6	27.500		Arabic
	MENA	Asdaf Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Mosul TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aljabal TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jannah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Layalina	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Horreya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alashk Wihawa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhob Kulo	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kunuz Alhaiaat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Atb Alarabi	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Watan	TV	DVB-S	5/6	27.500		Arabic
	MENA	Arabic Bible	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Almahabba	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Mesopotamya	radio	DVB-S	5/6	27.500		Farsi
11.373	H MENA	OSN	package	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	
	MENA	FTV HD Europe	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Food Network EMEA	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Movies Premiere	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Movies Drama	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	MGM Channel Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Fox News Channel	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Comedy +2	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Movies Festival	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Ya Hala! HD +2	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	Arabic,Arabic
11.392	V MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Alkitab Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Hogar TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Mayadeen TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Vin TV	TV	DVB-S	3/4	27.500		Kurdish
	MENA	El Djazairia TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Alikhbaria Syria	TV	DVB-S	3/4	27.500		Arabic
	MENA	Atteessia TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Numidia News TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya FM TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Wesal TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Iman TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Awdeh	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Makam TV promo	TV	DVB-S	3/4	27.500		French
	MENA	Djurdjura TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dzair Shop	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dzair Shop	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dziar Chat	TV	DVB-S	3/4	27.500		Arabic
11.411	H MENA	OSN	package	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	
	MENA	Nat Geo Wild HD Asia	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Nat Geo People Asia	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	National Geographic Channel HD Asia	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Star Movies HD Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	Star World HD Middle East	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
	MENA	OSN Ya Hala! Arabella HD	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	Arabic,Arabic
	MENA	Outdoor Channel International	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto 2	English
11.430	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Nada TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dubai TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar Alyoum	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar TV +2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Kahera Wal Nas 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Palestine Live	TV	DVB-S	5/6	27.500		Arabic
	MENA	Majan TV Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Azhari TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Libya Awalan	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sada Elbalad Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	5 Stars	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Tahrir TV	TV	DVB-S	5/6	27.500		Arabic
11.449	H MENA	BeIn Sports	package	DVB-S	5/6	27.500	Irdeto 2/KeyFly/Videoguard	
	MENA	BeIn Sports 11 HD	TV	DVB-S	5/6	27.500	Irdeto 2/KeyFly/Videoguard	Arabic,English,Arabic
	MENA	BeIn Sports 13 HD	TV	DVB-S	5/6	27.500	Irdeto 2/KeyFly/Videoguard	Arabic,English
	MENA	BeIn Sports 12 HD	TV	DVB-S	5/6	27.500	Irdeto 2/KeyFly/Videoguard	Arabic,English
11.476	V NW Africa	SNRT	package	DVB-S	3/4	27.500		
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	2M National	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Arryadia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Arrabia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Maghribia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Assadissa	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Tamazight	TV	DVB-S	3/4	27.500		Berber
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Chaîne Inter	radio	DVB-S	3/4	27.500		
11.488	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al-Nahar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Check-Inn TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Qatar Today TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Extra	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Sofra	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Two	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Nagham	radio	DVB-S	5/6	27.500		Arabic
11.526	H MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Rehab FM TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Sama Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	NRT	TV	DVB-S	3/4	27.500		Arabic
	MENA	Kurdistan TV	TV	DVB-S	3/4	27.500		Kurdish
	MENA	KTO	TV	DVB-S	3/4	27.500		French
	MENA	F Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	NRT 2	TV	DVB-S	3/4	27.500		
	MENA	Al Jazeera Mubasher Misr	TV	DVB-S	3/4	27.500		Arabic
	MENA	Ghenwaty	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Tahrir TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Star Cinema 1	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya Ibraren TV	TV	DVB-S	3/4	27.500		
	MENA	Maestro	TV	DVB-S	3/4	27.500		Arabic
	MENA	Star Cinema 2	TV	DVB-S	3/4	27.500		Arabic
	MENA	More Media	TV	DVB-S	3/4	27.500		Arabic
	MENA	Time Comedy	TV	DVB-S	3/4	27.500		Arabic
	MENA	Nalia FM	radio	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.559	V NW Africa	MBC	package	DVB-S2	5/6	27.500		
	NW Africa	Al Hadath	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	Al Arabiya	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC Pro Sports 1	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC Pro Sports 2	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC Pro Sports 3	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC Pro Sports 1	TV	DVB-S2	5/6	27.500		Arabic
	NW Africa	MBC Pro Sports 2	TV	DVB-S2	5/6	27.500		Arabic
11.564	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Jeem TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Baraem	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERI TV	TV	DVB-S	5/6	27.500		
	MENA	Jeem TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sudan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Jazeera Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aali TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dubai Racing	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sudan Radio	TV	DVB-S	5/6	27.500		Arabic
11.595	V NW Africa	unknown	package	DVB-S	3/4	27.500		
	NW Africa	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	BW TV	TV	DVB-S	3/4	27.500	PowerVu	German
	NW Africa	Wisal Hausa TV	TV	DVB-S	3/4	27.500		Hausa
	NW Africa	Radio Andernach	radio	DVB-S	3/4	27.500		German
11.603	H MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Imam Hassan TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Karbala Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Cima Alibaba	TV	DVB-S	3/4	27.500		Arabic
	MENA	Nurs TV	TV	DVB-S	3/4	27.500		Turkish
	MENA	Quran TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Wesal Farsi TV	TV	DVB-S	3/4	27.500		Farsi
	MENA	JNC	TV	DVB-S	3/4	27.500		Arabic
	MENA	Darbaka TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya Chat	TV	DVB-S	3/4	27.500		Arabic
	MENA	Afrah TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Time Quran	TV	DVB-S	3/4	27.500		Arabic
	MENA	Koky Kids	TV	DVB-S	3/4	27.500		Arabic
	MENA	Mazaj TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Benghazi Broadcasting Network	TV	DVB-S	3/4	27.500		Arabic
	MENA	Orient News	TV	DVB-S	3/4	27.500		Arabic
	MENA	Tok Tok Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	Tal2a Hendy	TV	DVB-S	3/4	27.500		Arabic
	MENA	Hadrza Libya	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya Tantakheb	TV	DVB-S	3/4	27.500		Arabic
	MENA	Assirat TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Maghreb 24 TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya International	TV	DVB-S	3/4	27.500		Arabic
11.641	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Etihad	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhujja Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alwilayah TV	TV	DVB-S	5/6	27.500		Farsi
	MENA	Thaqalayn TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Asia TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hod Hod Arabic TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	An Najaf Al Ashraf	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Hiwar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Nassr TV	TV	DVB-S	5/6	27.500		French
	MENA	Al Thabat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dorar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ettounsia TV	TV	DVB-S	5/6	27.500		Arabic
	11.661	V NW Africa	TDA	package	DVB-S	1/2	27.500	
NW Africa		Canal Algérie	TV	DVB-S	1/2	27.500		Arabic
NW Africa		Thalitha TV	TV	DVB-S	1/2	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	Algérie 4	TV	DVB-S	1/2	27.500		
	NW Africa	Algérie 5	TV	DVB-S	1/2	27.500		Arabic
11.680	H MENA	Noorsat	package	DVB-S	3/4	27.500		
	MENA	Al-Ghadeer Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Cairo Cinema 2	TV	DVB-S	3/4	27.500		Arabic
	MENA	Hona Baghdad Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aldardanel TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	JM TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Syria 18 March TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	LDC	TV	DVB-S	3/4	27.500		Arabic
	MENA	Angel TV Arabia	TV	DVB-S	3/4	27.500		Arabic
	MENA	Halaba TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	UNRWA TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Majestic Cinema	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aghani Aghani TV	TV	DVB-S	3/4	27.500		Arabic
12.111	H MENA	Oman TV	package	DVB-S	3/4	27.500		
	MENA	Oman TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Live	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Live	TV	DVB-S	3/4	27.500		Arabic
	MENA	Radio Oman	radio	DVB-S	3/4	27.500		Arabic
	MENA	Al-Shabab	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Oman FM	radio	DVB-S	3/4	27.500		English
	MENA	Holy Quran Radio	radio	DVB-S	3/4	27.500		Arabic
	MENA	Oman Classic Radio	radio	DVB-S	3/4	27.500		English
12.169	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Mergab 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Rayyan Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Music Haneen	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Rayyan Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sada Elbalad Drama +2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Teeb TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Sahraa TV 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Arabiya	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Hadath	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Hits 88.2	radio	DVB-S	5/6	27.500		Arabic
	MENA	Mega 92.7 FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Nagham FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Sout Al Rayyan	radio	DVB-S	5/6	27.500		Arabic
12.188	H MENA	Abu Dhabi TV Network	package	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	
	MENA	MBC	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	Arabic
	MENA	MBC 2	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	Arabic
	MENA	MBC 4	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	English
	MENA	MBC Action	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	English
	MENA	MBC Max	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	Arabic
	MENA	Al Arabiya	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	Arabic
	MENA	MBC Drama	TV	DVB-S2	5/6	27.500	Betacrypt/Conax/Irdeto 2	Arabic
12.245	V MENA	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
	MENA	BeIn Sports 9 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
	MENA	BeIn Sports 10 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
	MENA	BeIn Sports 15 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Spanish
	MENA	BeIn Sports Global	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports News	TV	DVB-S2	2/3	27.500		Arabic
12.265	H MENA	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
	MENA	BeIn Sports 1 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
	MENA	BeIn Sports 2 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
	MENA	BeIn Sports 3 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	BeIn Sports 4 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
12.322	V MENA	unknown	package	DVB-S2	2/3	27.500		
	MENA	Dubai Sports 1	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Sharqiya TV	TV	DVB-S2	2/3	27.500		Arabic
12.341	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Afaq Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Mowselya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Amhara TV	TV	DVB-S	5/6	27.500		Amharic
	MENA	Al Salam TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Panorama Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Panorama Food	TV	DVB-S	5/6	27.500		Arabic
	MENA	Scope TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Ahly TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alrasmeya	TV	DVB-S	5/6	27.500		Arabic
	MENA	Panorama Drama 2	TV	DVB-S	5/6	27.500		English
	MENA	Al-Ahad Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Salam Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Amhara Radio	radio	DVB-S	5/6	27.500		Arabic
12.360	V MENA	Du	package	DVB-S	3/4	27.500		
	MENA	Aden TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al-Eman	TV	DVB-S	3/4	27.500		Arabic
	MENA	Sheba TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Addar TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Shallal TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Mutawassit TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	RAK TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Fezzan TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Waha TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Payam TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Fatafeat	TV	DVB-S	3/4	27.500		Arabic
	MENA	Imagine Movies	TV	DVB-S	3/4	27.500		Arabic
	MENA	Ennahar TV	TV	DVB-S	3/4	27.500		Arabic
12.380	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Almasar Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Libya Sport 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Hidaya	TV	DVB-S	5/6	27.500		Arabic
	MENA	EBC 3	TV	DVB-S	5/6	27.500		Amharic
	MENA	TV Oromiyaa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Iraqiya Sport	TV	DVB-S	5/6	27.500		Arabic
	MENA	Shababia TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	On TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Diyaa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Moga Comedy	TV	DVB-S	5/6	27.500		Arabic
	MENA	Türkmeneli TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Türkmeneli FM	radio	DVB-S	5/6	27.500		Turkish
	MENA	Qurankareem FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Forqan Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Al-Iraqiya FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	FM Addis 97.1	radio	DVB-S	5/6	27.500		Amharic
	MENA	Radio Ethiopia National Service	radio	DVB-S	5/6	27.500		Amharic
12.399	V MENA	Jordan Media City	package	DVB-S	5/6	27.500		
	MENA	Jordan Wast Albalad	TV	DVB-S	5/6	27.500		Arabic
	MENA	Altaghier TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Makkah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	AldiyarSat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ro'ya	TV	DVB-S	5/6	27.500		Arabic
	MENA	Aletejah TV English	TV	DVB-S	5/6	27.500		English
	MENA	Ahl-Alquran TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	El Adjwaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Maestro	TV	DVB-S	5/6	27.500		Arabic
	MENA	Albaraka	TV	DVB-S	5/6	27.500		Arabic
	MENA	1 Forex TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alabrar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	1st Advertisement	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Huna Sotak	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jordan now	TV	DVB-S	5/6	27.500		Arabic
	MENA	TT1	TV	DVB-S	5/6	27.500		
	MENA	E3lanmall Job	TV	DVB-S	5/6	27.500		Arabic
	MENA	Syria Medical	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dabanga TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jenan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Karawan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jordan Jood	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sama Jordan	TV	DVB-S	5/6	27.500		Arabic
	MENA	Korek TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	VoA Africa 24	TV	DVB-S	5/6	27.500		English
	MENA	Aldaa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jannah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Daleel TV Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Salem Broadcasting Network	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zliten FM	radio	DVB-S	5/6	27.500		Arabic
12.418	H MENA	Du	package	DVB-S	3/4	27.500		
	MENA	Cartoon Network Arabic	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dzair TV	TV	DVB-S	3/4	27.500		
	MENA	Echorouk TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Dafrah HD	TV	DVB-S	3/4	27.500		Arabic
	MENA	B4U Aflam	TV	DVB-S	3/4	27.500		Hindi
	MENA	Al Ghad Al Arabi	TV	DVB-S	3/4	27.500		Arabic
	MENA	Z Living Middle East	TV	DVB-S	3/4	27.500		English
	MENA	B4U Plus	TV	DVB-S	3/4	27.500		
	MENA	Samira TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	TV Market	TV	DVB-S	3/4	27.500		Arabic
	MENA	Line Sport	TV	DVB-S	3/4	27.500		Arabic
	MENA	Zee Alwan	TV	DVB-S	3/4	27.500		Arabic
12.437	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Alhayah Mosalsalat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar Sports	TV	DVB-S	5/6	27.500		Arabic
	MENA	E-Mail @ TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhekmah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	ANN	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dewan 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Cairo University	TV	DVB-S	5/6	27.500		
	MENA	Benghazi TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Iraqiya News	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sham FM International	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alanbar Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Iraqiya TV 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Türkmen TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Republic of Iraq Radio	radio	DVB-S	5/6	27.500		Arabic
12.467	H MENA	Abu Dhabi Sports	package	DVB-S2	2/3	27.500		
	MENA	Abu Dhabi Al Oula	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Al Emarat	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Baynounah TV	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Sports 1	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Sports 2	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Sports Extra	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Yas	TV	DVB-S2	2/3	27.500		Arabic
12.476	V MENA	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0/Videoguard	
	MENA	BeIn Sports 5 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0/Videoguard	Arabic,Arabic
	MENA	BeIn Sports 6 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0/Videoguard	Arabic
	MENA	BeIn Sports 7 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0/Videoguard	Arabic
	MENA	BeIn Sports 8 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0/Videoguard	Arabic

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3.633	R C	Tele Congo	TV	DVB-S	7/8	2.018		French
	C	Radio Congo	radio	DVB-S	7/8	2.018		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.646	R C	Télé Sahel	TV	DVB-S	3/4	2.170		French
	C	Voix du Sahel	radio	DVB-S	3/4	2.170		French
3.656	R C	KTN	TV	DVB-S2	3/5	2.917		English
	C	Radio Maisha	radio	DVB-S2	3/5	2.917		
3.712	L C	TVGE Internacional	TV	DVB-S	7/8	2.480		Spanish
3.717	L C	Canal 2 International	package	DVB-S2	5/6	2.222		
	C	Canal 2 International	TV	DVB-S2	5/6	2.222		French
	C	Canal 2 Infos	TV	DVB-S2	5/6	2.222		French
	C	Sweet FM	radio	DVB-S2	5/6	2.222		French
3.719	L C	DBS TV	TV	DVB-S2	2/3	1.286		French
3.721	L C	Viasat	package	DVB-S2	3/4	1.837	Videoguard	
	C	Viasat Nature Africa	TV	DVB-S2	3/4	1.837	Videoguard	English
	C	Viasat History Africa	TV	DVB-S2	3/4	1.837	Videoguard	English
	C	Viasat Explore Africa	TV	DVB-S2	3/4	1.837	Videoguard	English
	C	Viasat Crime Africa	TV	DVB-S2	3/4	1.837	Videoguard	English
3.727	R C	GlobeCast	package	DVB-S	7/8	29.950		
	C	GlobeCast promo	TV	DVB-S	7/8	29.950		French
	C	Equidia Pro 1	TV	DVB-S	7/8	29.950	Viaccess 4.0	French
	C	CFI Afrique Pro	TV	DVB-S	7/8	29.950	Viaccess 2.6	French
	C	Tele Congo	TV	DVB-S	7/8	29.950		French
	C	Al Maghribia	TV	DVB-S	7/8	29.950		Arabic
	C	Canal Algérie	TV	DVB-S	7/8	29.950		Arabic
	C	Equidia Pro 2	TV	DVB-S	7/8	29.950	Viaccess 4.0	French
	C	TVE Internacional Europa	TV	DVB-S	7/8	Y 29.950		Spanish
	C	Cofrac	radio	DVB-S	7/8	29.950		French
	C	RTBF International	radio	DVB-S	7/8	29.950		
	C	Nostalgie La Legende Côte d'Ivoire	radio	DVB-S	7/8	29.950		French
	C	Monte Carlo Doualiya	radio	DVB-S	7/8	29.950		Arabic
	C	RFI Français	radio	DVB-S	7/8	29.950		French
	C	RFI Langues 1	radio	DVB-S	7/8	29.950		
	C	RFI Langues 2	radio	DVB-S	7/8	29.950		
	C	RFI Musique	radio	DVB-S	7/8	29.950		French
	C	RFI Diverse 1	radio	DVB-S	7/8	29.950		
	C	RFI Diverse 2	radio	DVB-S	7/8	29.950		
	C	RFI Diverse 3	radio	DVB-S	7/8	29.950		
	C	RCI 3	radio	DVB-S	7/8	29.950		
	C	DW-Radio FM 2	radio	DVB-S	7/8	29.950		
	C	DW-Radio 8	radio	DVB-S	7/8	29.950		
	C	DW-Radio 9	radio	DVB-S	7/8	29.950		
	C	Radio Congo	radio	DVB-S	7/8	29.950		French
	C	Chaîne 1	radio	DVB-S	7/8	29.950		Arabic
	C	Radio Algérie Internationale	radio	DVB-S	7/8	29.950		
	C	RNE Radio Nacional	radio	DVB-S	7/8	29.950		Spanish
	C	Radio Exterior	radio	DVB-S	7/8	29.950		
3.743	L C	CRTV	TV	DVB-S	5/6	2.785		French
	C	CRTV National Radio	radio	DVB-S	5/6	2.785		French
4.021	R C	Dunamis TV	TV	DVB-S2	3/4	1.245		English
4.022	R C	Evangel TV	TV	DVB-S2	3/4	1.200		English
4.030	R C	AFNEX	package	DVB-S2	3/5	4.593		
	C	NTV 2	TV	DVB-S2	3/5	4.593		French
4.110	L C	TV Mundial	TV	DVB-S2	5/6	2.141		Portuguese
4.114	L C	Télé Africa	TV	DVB-S	5/6	2.143		French
4.137	L C	SLBC TV	TV	DVB-S	7/8	2.510		English
	C	Radio 99.9 FM	radio	DVB-S	7/8	2.510		English
4.154	L C	ORTB TV	TV	DVB-S	7/8	2.289		French
	C	StarTimes TV	package	DVB-S2	5/6	28.485	Conax	
	C	Discovery Science Channel	TV	DVB-S2	5/6	28.485	Conax	English
	C	Radio Bénin	radio	DVB-S	7/8	2.289		French
	C	Encyclo	TV	DVB-S2	5/6	28.485	Conax	French
	C	Radio Parakou	radio	DVB-S	7/8	2.289		French
	C	Star Bollywood	TV	DVB-S2	5/6	28.485	Conax	English
	C	France 2	TV	DVB-S2	5/6	28.485	Conax	French
	C	BET International	TV	DVB-S2	5/6	28.485	Conax	English
	C	Animaux	TV	DVB-S2	5/6	28.485	Conax	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	The Q You	TV	DVB-S2	5/6	28.485	Conax	English
	C	Polar	TV	DVB-S2	5/6	28.485	Conax	French
	C	NT1	TV	DVB-S2	5/6	28.485	Conax	French
	C	AB 3	TV	DVB-S2	5/6	28.485	Conax	French
	C	Ciné FX	TV	DVB-S2	5/6	28.485	Conax	French
	C	AB Moteurs	TV	DVB-S2	5/6	28.485	Conax	French
	C	E! Middle East	TV	DVB-S2	5/6	28.485	Conax	English
	C	AMC Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	Nickelodeon Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	MSNBC	TV	DVB-S2	5/6	28.485	Conax	English
	C	Fox Sports Africa	TV	DVB-S2	5/6	28.485	Conax	English,French
	C	Trace Sport Stars	TV	DVB-S2	5/6	28.485	Conax	English
	C	Star Swahili	TV	DVB-S2	5/6	28.485	Conax	Swahili
	C	Eurochannel	TV	DVB-S2	5/6	28.485	Conax	Portuguese
	C	BEN	TV	DVB-S2	5/6	28.485	Conax	English
	C	MCM Top	TV	DVB-S2	5/6	28.485	Conax	French
	C	Fashion TV Africa	TV	DVB-S2	5/6	28.485	Conax	
	C	Star Sports Focus	TV	DVB-S2	5/6	28.485	Conax	
	C	Canal Q	TV	DVB-S2	5/6	28.485	Conax	Portuguese,English
	C	Star Music	TV	DVB-S2	5/6	28.485	Conax	English
	C	MCS Extrême	TV	DVB-S2	5/6	28.485	Conax	French
	C	MCS Inter	TV	DVB-S2	5/6	28.485	Conax	French
	C	Panda Biggs	TV	DVB-S2	5/6	28.485	Conax	Portuguese
	C	B4U Music UK	TV	DVB-S2	5/6	28.485	Conax	English
	C	NBA TV	TV	DVB-S2	5/6	28.485	Conax	English
	C	E! France	TV	DVB-S2	5/6	28.485	Conax	French
	C	France Ô	TV	DVB-S2	5/6	28.485	Conax	French
	C	RTL 9	TV	DVB-S2	5/6	28.485	Conax	French
	C	Action	TV	DVB-S2	5/6	28.485	Conax	French
	C	Mangas	TV	DVB-S2	5/6	28.485	Conax	French
	C	XXL	TV	DVB-S2	5/6	28.485	Conax	French
	C	AB 1	TV	DVB-S2	5/6	28.485	Conax	French
	C	B4U Aflam	TV	DVB-S2	5/6	28.485	Conax	Hindi
	C	France 3 Sat	TV	DVB-S2	5/6	28.485	Conax	French
	C	France 5	TV	DVB-S2	5/6	28.485	Conax	French
	C	True Movies 1 Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	Viasat Explore Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	Viasat Crime Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	Nat Geo Gold	TV	DVB-S2	5/6	28.485	Conax	English
	C	Baby TV Europe	TV	DVB-S2	5/6	28.485	Conax	English,Portuguese
	C	Gospel Music TV	TV	DVB-S2	5/6	28.485	Conax	
	C	Eurosport News	TV	DVB-S2	5/6	28.485	Conax	English
	C	TLC Africa	TV	DVB-S2	5/6	28.485	Conax	English
	C	National Geographic Channel Portugal	TV	DVB-S2	5/6	28.485	Conax	Portuguese
	C	Fox Portugal	TV	DVB-S2	5/6	28.485	Conax	Portuguese
	C	Star Kungfu 1	TV	DVB-S2	5/6	28.485	Conax	Chinese,English
	C	LCI	TV	DVB-S2	5/6	28.485	Conax	French
	C	Kombat Sport	TV	DVB-S2	5/6	28.485	Conax	French
	C	Star Dadin Kowa	TV	DVB-S2	5/6	28.485	Conax	Hausa
4.156	L C	BB 24	TV	DVB-S	7/8	1.793		French
4.159	L C	Gabon TV	TV	DVB-S	7/8	1.944		French
	C	RTG Radio 1	radio	DVB-S	7/8	1.944		French
4.162	L C	Africa N° 1 Libreville	package	DVB-S	3/4	1.500		
	C	Africa N° 1 Libreville	radio	DVB-S	3/4	1.500		French
	C	Africa N° 1 Libreville	radio	DVB-S	3/4	1.500		French
	C	Africa N° 1 Libreville	radio	DVB-S	3/4	1.500		French
4.164	L C	Africa N° 1 Paris	radio	DVB-S	1/2	.556		French
10.972	V Super	unknown	package	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	
	Super	France 3 Auvergne	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Alpes	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Rhône-Alpes	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Côte d'Azur	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Languedoc-Roussillon	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	RMC Découverte HD 24	TV	DVB-S	7/8	29.950	Viaccess 4.0	French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang	
	Super	TV 5 Monde France Belgique Suisse	TV	DVB-S	7/8	Y	29.950		French	
11.013	Super	L'Équipe 21	TV	DVB-S	7/8		29.950	Viaccess 4.0	French	
	V Super	Rai Sport 1	TV	DVB-S2	.		30.000		Italian	
	Super	Rai Storia	TV	DVB-S2	3/5		30.000		Italian	
	Super	Rai Radio 1	radio	DVB-S2	3/5		30.000		Italian	
	Super	Rai Radio 2	radio	DVB-S2	3/5		30.000		Italian	
11.054	V Super	Rai Radio 3	radio	DVB-S2	3/5		30.000		Italian	
	V Super	Fransat	package	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0		
	Super	France 3 Lorraine	TV	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	France 3 Provence-Alpes	TV	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	France 3 Poitou-Charentes	TV	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	France 3 Midi-Pyrénées	TV	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	France 3 Corse Via Stella	TV	DVB-S	7/8		29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	France 3 Sat	TV	DVB-S	7/8	Y	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French	
	Super	Fransat promo	TV	DVB-S	7/8		29.950		French	
	Super	BeIn Sports 1	TV	DVB-S	7/8		29.950	Viaccess 4.0	French	
	Super	BeIn Sports 2	TV	DVB-S	7/8		29.950	Viaccess 4.0	French	
	Super	BeIn Sports promo	TV	DVB-S	7/8		29.950		French	
	11.059	H NW Africa	TDA	package	DVB-S	3/4		23.700		
		NW Africa	ENTV	TV	DVB-S	3/4		23.700	BISS	Arabic
		NW Africa	Thalitha TV	TV	DVB-S	3/4		23.700		Arabic
NW Africa		Canal Algérie	TV	DVB-S	3/4		23.700		Arabic	
NW Africa		Algérie 5	TV	DVB-S	3/4		23.700		Arabic	
NW Africa		Algérie 4	TV	DVB-S	3/4		23.700			
NW Africa		Radio Boumerdes	radio	DVB-S	3/4		23.700			
NW Africa		Radio Tipaza	radio	DVB-S	3/4		23.700			
NW Africa		Radio Oran	radio	DVB-S	3/4		23.700			
NW Africa		Radio Tiaret	radio	DVB-S	3/4		23.700			
NW Africa		Radio Mostaganem	radio	DVB-S	3/4		23.700			
NW Africa		Radio Msila	radio	DVB-S	3/4		23.700			
NW Africa		Radio Bordj Bou-Arredj	radio	DVB-S	3/4		23.700			
NW Africa		Radio Setif	radio	DVB-S	3/4		23.700		French	
NW Africa		Radio Biskra	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Constantine	radio	DVB-S	3/4		23.700			
NW Africa		Radio D'Oum El Bouaghi	radio	DVB-S	3/4		23.700			
NW Africa		Radio Chlef	radio	DVB-S	3/4		23.700			
NW Africa		Radio Sidi Bel Abbès	radio	DVB-S	3/4		23.700			
NW Africa		Radio Annaba	radio	DVB-S	3/4		23.700			
NW Africa		Radio Ouargla	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Tamanrasset	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Bechar	radio	DVB-S	3/4		23.700			
NW Africa		Radio Adrar	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Illizi	radio	DVB-S	3/4		23.700			
NW Africa		Radio Tindouf	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Souk Ahras	radio	DVB-S	3/4		23.700		Arabic	
NW Africa		Radio Ain Temouchent	radio	DVB-S	3/4		23.700			
NW Africa		Radio Relizane	radio	DVB-S	3/4		23.700			
NW Africa		Radio Blida	radio	DVB-S	3/4		23.700			
NW Africa		Radio Saïda	radio	DVB-S	3/4		23.700			
NW Africa		Radio Jijel	radio	DVB-S	3/4		23.700			
NW Africa		Radio Naama	radio	DVB-S	3/4		23.700			
NW Africa		Radio Tebessa	radio	DVB-S	3/4		23.700			
NW Africa		Radio Medea	radio	DVB-S	3/4		23.700			
NW Africa		Radio Mascara	radio	DVB-S	3/4		23.700			
NW Africa		Radio El Bayadh	radio	DVB-S	3/4		23.700			
NW Africa		Radio El-Oued	radio	DVB-S	3/4		23.700			
NW Africa		Radio Batna	radio	DVB-S	3/4		23.700			
NW Africa		Radio Laghouat	radio	DVB-S	3/4		23.700			
NW Africa		Radio Ain Defla	radio	DVB-S	3/4		23.700			
NW Africa		Radio Tissemsilt	radio	DVB-S	3/4		23.700			
NW Africa		Radio Bouira	radio	DVB-S	3/4		23.700			
NW Africa	Radio Guelma	radio	DVB-S	3/4		23.700				
NW Africa	Radio Mila	radio	DVB-S	3/4		23.700				
NW Africa	Radio regionale de Skikda	radio	DVB-S	3/4		23.700				

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	Radio Khenchla	radio	DVB-S	3/4	23.700		
	NW Africa	Radio Djelfa	radio	DVB-S	3/4	23.700		
	NW Africa	Radio Tizi Ouzou	radio	DVB-S	3/4	23.700		
	NW Africa	Radio Tlemcen	radio	DVB-S	3/4	23.700		
	NW Africa	Radio Régionale de Ghardaïa	radio	DVB-S	3/4	23.700		Arabic
	NW Africa	Chaîne 2	radio	DVB-S	3/4	23.700		Berber
	NW Africa	Chaîne 3	radio	DVB-S	3/4	23.700		French
	NW Africa	Radio Sahel	radio	DVB-S	3/4	23.700		
	NW Africa	Radio Algérie Internationale	radio	DVB-S	3/4	23.700		
	NW Africa	Chaîne 1	radio	DVB-S	3/4	23.700		Arabic
	NW Africa	Jii FM	radio	DVB-S	3/4	23.700		French
	NW Africa	Radio Bahdja	radio	DVB-S	3/4	23.700		Arabic
11.096	V Super	Eutelsat	package	DVB-S2	3/4	29.950	Logiways/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
	Super	TF 1	TV	DVB-S2	3/4	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 2	TV	DVB-S2	3/4	29.950	Logiways/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
	Super	M6	TV	DVB-S2	3/4	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	ARTE Français	TV	DVB-S2	3/4	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French,German
	Super	BeIn Sports 1	TV	DVB-S2	3/4	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	BeIn Sports 2	TV	DVB-S2	3/4	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	BeIn Sports promo	TV	DVB-S2	3/4	29.950		French
11.179	V Super	RAI	package	DVB-S2	.	30.000		
	Super	Rai Premium	TV	DVB-S2	.	30.000		Italian
	Super	Rai Yoyo	TV	DVB-S2	.	30.000		Italian
	Super	Rai 4	TV	DVB-S2	.	30.000		Italian
	Super	Rai Gulp	TV	DVB-S2	.	30.000		Italian
	Super	Rai Movie	TV	DVB-S2	.	30.000		Italian
	Super	RAI	package	DVB-S2	.	30.000		
	Super	Rai HD	TV	DVB-S2	.	30.000		Italian
	Super	Rai Storia	TV	DVB-S2	.	30.000		Italian
	Super	Rai 5	TV	DVB-S2	.	30.000		Italian
	Super	RAI	package	DVB-S2	.	30.000		
	Super	Rai 3 Campania	TV	DVB-S2	.	30.000		Italian
11.456	H Super	TowerCast	package	DVB-S2	3/4	2.400		
	Super	NRJ France	radio	DVB-S2	3/4	2.400		French
	Super	Nostalgie la légende	radio	DVB-S2	3/4	2.400		French
11.458.2	H Super	TowerCast	package	DVB-S	1/2	.543		
	Super	Nostalgie Belgique	radio	DVB-S	1/2	.543		French
	Super	NRJ Belgique	radio	DVB-S	1/2	.543		French
11.471	V Super	HDI1	TV	DVB-S2	3/4	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Fransat promo	TV	DVB-S2	3/4	29.950		French
	Super	Dici TV	TV	DVB-S2	3/4	29.950		French
	Super	TMC	TV	DVB-S2	3/4	29.950	Viaccess 4.0	French
11.480	H Wide	TDF	package	DVB-S2	3/4	3.215		
	Wide	RTL	radio	DVB-S2	3/4	3.215		French
	Wide	RTL 2	radio	DVB-S2	3/4	3.215		French
	Wide	Fun Radio	radio	DVB-S2	3/4	3.215		French
	Wide	Radio Classique	radio	DVB-S2	3/4	3.215		French
	Wide	Europe 1	radio	DVB-S2	3/4	3.215		French
	Wide	Virgin Radio France	radio	DVB-S2	3/4	3.215		French
	Wide	RFM	radio	DVB-S2	3/4	3.215		French
	Wide	RMC	radio	DVB-S2	3/4	3.215		French
	Wide	BFM Business Radio	radio	DVB-S2	3/4	3.215		French
	Wide	France Inter	radio	DVB-S2	3/4	3.215		French
	Wide	France Culture	radio	DVB-S2	3/4	3.215		French
	Wide	France Musique	radio	DVB-S2	3/4	3.215		French
	Wide	FIP	radio	DVB-S2	3/4	3.215		French
	Wide	France Info	radio	DVB-S2	3/4	3.215		French
	Wide	Le Mouv'	radio	DVB-S2	3/4	3.215		French
	Wide	MFM Radio	radio	DVB-S2	3/4	3.215		French
11.512	V Super	Bis TV	package	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	
	Super	BFM Business	TV	DVB-S	7/8	29.950		French
	Super	RTL 9	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	Mangas	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	AB 1	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	AB Moteurs	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Game One	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Escales	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Animaux	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Encyclo	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Toute l'Histoire	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Chasse & Pêche	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Action	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Ciné FX	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Polar	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	XXL	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Dorcel TV	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French,German,English
	Super	Téva	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
	Super	Equidia Live	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
11.538	H Wide	Divona	interactiv e	DVB-S	7/8	8.681		
11.554	V Super	Fransat	package	DVB-S	7/8	29.950	Logiways/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
	Super	TF 1	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	Canal + France clair Fransat	TV	DVB-S	7/8	Y 29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French,French
	Super	M6	TV	DVB-S	7/8	Y 29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	ARTE Français	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French,German
	Super	D8	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	W9	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	TMC	TV	DVB-S	7/8	29.950		French
	Super	NT1	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French,English
	Super	NRJ 12	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 4	TV	DVB-S	7/8	29.950	Logiways/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
	Super	BFM TV	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	I>Télé	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	D17	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	Gulli	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
11.591	V Super	France TV	package	DVB-S	2/3	20.000		
	Super	France 2	TV	DVB-S	2/3	20.000		French
	Super	France 3 Sat	TV	DVB-S	2/3	Y 20.000		French
	Super	France 5	TV	DVB-S	2/3	20.000		French
	Super	France Ô	TV	DVB-S	2/3	20.000		French
	Super	LCP	TV	DVB-S	2/3	20.000		French
11.609	V Super	Bis TV	package	DVB-S	1/2	5.968	Viaccess 4.0	
	Super	Bis TV promo	TV	DVB-S	1/2	5.968		French
	Super	Golf Channel France	TV	DVB-S	1/2	5.968	Viaccess 4.0	French
11.634	H Wide	Fransat promo	TV	DVB-S2	3/4	29.950	Viaccess 4.0	French
11.637	V Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 1	TV	DVB-S2	.	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
11.675	H Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Lombardia	TV	DVB-S2	.	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
11.679	V Super	Fransat	package	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	
	Super	France 3 Pays de la Loire	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France 3 Centre	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Paris Ile-de-France	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Champagne-Ardenne	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Bretagne	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Haute-Normandie	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Alsace	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Picardie	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Franche-Comté	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Aquitaine	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Basse-Normandie	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Bourgogne	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Nord-Pas de Calais	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
	Super	France 3 Limousin	TV	DVB-S	7/8	29.950	Logiways/Viaccess 3.0/Viaccess 4.0	French
12.522	V Super	Orange France	package	DVB-S2	2/3	29.950	Viaccess 3.0	
	Super	TV Breizh	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Boing France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
	Super	Ushuaïa TV	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Piwi +	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	El France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	OCS City	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
	Super	OCS choc	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
	Super	OCS geants	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
	Super	MCM France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Boomerang France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	TéléToon +	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	LCI	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Paris Première	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	TCM Cinéma	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Disney Channel France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	Eurosport France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
	Super	OCS City	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
	Super	OCS max	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
12.543	H Super	GlobeCast	package	DVB-S	3/4	27.500		
	Super	Electron TV	TV	DVB-S	3/4	27.500		French
	Super	RCF Pays de l'Ain	radio	DVB-S	3/4	27.500		French
	Super	RCF Vivarais	radio	DVB-S	3/4	27.500		French
	Super	RCF Pays d'Aude	radio	DVB-S	3/4	27.500		French
	Super	RCF en Berry	radio	DVB-S	3/4	27.500		French
	Super	RCF Corrèze	radio	DVB-S	3/4	27.500		French
	Super	RCF 26	radio	DVB-S	3/4	27.500		French
	Super	RCF 41	radio	DVB-S	3/4	27.500		French
	Super	RCF Savoie	radio	DVB-S	3/4	27.500		French
	Super	RCF National	radio	DVB-S	3/4	27.500		French
	Super	RCF Lyon Fourvière	radio	DVB-S	3/4	27.500		French
	Super	RCF Haute-Loire	radio	DVB-S	3/4	27.500		French
	Super	RCF Vaucluse	radio	DVB-S	3/4	27.500		French
	Super	RCF Parabole	radio	DVB-S	3/4	27.500		French
	Super	RCF Saint-Martin	radio	DVB-S	3/4	27.500		French
	Super	RCF Reims-Ardennes	radio	DVB-S	3/4	27.500		French
	Super	RCF Haute-Normandie	radio	DVB-S	3/4	27.500		French
	Super	RCF Haute-Savoie	radio	DVB-S	3/4	27.500		French
	Super	RCF Allier	radio	DVB-S	3/4	27.500		French
	Super	RCF Bordeaux	radio	DVB-S	3/4	27.500		French
	Super	RCF Alpes-Provence	radio	DVB-S	3/4	27.500		French
	Super	RCF Besançon	radio	DVB-S	3/4	27.500		French
	Super	Fréquence Conforama	radio	DVB-S	3/4	27.500		French
	Super	RCF Aube Haute-Marne	radio	DVB-S	3/4	27.500		French
	Super	SPAR Live	radio	DVB-S	3/4	27.500		
	Super	RCF Accords Poitou	radio	DVB-S	3/4	27.500		French
	Super	Radio Soleil	radio	DVB-S	3/4	27.500		
	Super	RCF Marne et Meuse	radio	DVB-S	3/4	27.500		French
	Super	Radio Sans Pub	radio	DVB-S	3/4	27.500		French
	Super	France Bleu	radio	DVB-S	3/4	27.500		French
	Super	FIP	radio	DVB-S	3/4	27.500		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France Bleu	radio	DVB-S	3/4	27.500		French
	Super	France Bleu RCFM	radio	DVB-S	3/4	27.500		French
	Super	France Bleu 107.1	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Champagne	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Pays de Savoie	radio	DVB-S	3/4	27.500		French
	Super	France Info	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Hérault	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Isère	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Maine	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Poitou	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Provence	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Drôme Ardèche	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Pays d'Auvergne	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Basse Normandie	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Gard Lozère	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Auxerre	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Cotentin	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Roussillon	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Sud Lorraine	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Saint-Étienne Loire	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Gironde	radio	DVB-S	3/4	27.500		French
	Super	France Bleu Breizh Izel	radio	DVB-S	3/4	27.500		French
12.564	V Super	Fransat	package	DVB-S	7/8	29.950		
	Super	Vosges TV	TV	DVB-S	7/8	29.950		French
	Super	KTO	TV	DVB-S	7/8	29.950		French
	Super	ETB 1	TV	DVB-S	7/8	29.950	Viaccess 4.0	Basque
	Super	8 Mont Blanc	TV	DVB-S	7/8	29.950		French
	Super	France Inter	radio	DVB-S	7/8	29.950		French
	Super	France Culture	radio	DVB-S	7/8	29.950		French
	Super	France Musique	radio	DVB-S	7/8	29.950		French
	Super	FIP	radio	DVB-S	7/8	29.950		French
	Super	France Info	radio	DVB-S	7/8	29.950		French
	Super	Le Mouv'	radio	DVB-S	7/8	29.950		French
	Super	BFM Business Radio	radio	DVB-S	7/8	29.950		French
	Super	RMC	radio	DVB-S	7/8	29.950		French
	Super	Nostalgie la légende	radio	DVB-S	7/8	29.950		French
	Super	NRJ France	radio	DVB-S	7/8	29.950		French
	Super	Rire & Chansons	radio	DVB-S	7/8	29.950		French
	Super	Chérie FM	radio	DVB-S	7/8	29.950		French
	Super	Europe 1	radio	DVB-S	7/8	29.950		French
	Super	Virgin Radio France	radio	DVB-S	7/8	29.950		French
	Super	RFM	radio	DVB-S	7/8	29.950		French
	Super	Africa N° 1 Libreville	radio	DVB-S	7/8	29.950		French
	Super	France Bleu 107.1	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Alsace	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Armorique	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Auxerre	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Azur	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Basse Normandie	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Béarn	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Belfort-Montbéliard	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Berry	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Besançon	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Bourgogne	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Breizh Izel	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Champagne	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Cotentin	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Creuse	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Drôme Ardèche	radio	DVB-S	7/8	29.950		French
	Super	France Bleu RCFM	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Gard Lozère	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Gascogne	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Gironde	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Haute Normandie	radio	DVB-S	7/8	29.950		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France Bleu Hérault	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Isère	radio	DVB-S	7/8	29.950		French
	Super	France Bleu La Rochelle	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Limousin	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Loire Océan	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Lorraine Nord	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Maine	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Mayenne	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Nord	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Orléans	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Pays Basque	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Pays d'Auvergne	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Pays de Savoie	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Périgord	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Picardie	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Poitou	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Provence	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Roussillon	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Saint-Étienne Loire	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Sud Lorraine	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Toulouse	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Touraine	radio	DVB-S	7/8	29.950		French
	Super	France Bleu Vaucluse	radio	DVB-S	7/8	29.950		French
	Super	RCF National	radio	DVB-S	7/8	29.950		French
12.606	V Super	Eurosport Italia	TV	DVB-S2	2/3	35.000	Nagravision 3	Italian
	Super	Premium Calcio Extra	TV	DVB-S2	2/3	35.000		Italian
12.648	V Super	unknown	package	DVB-S2	8/9	29.500		
	Super	HD1	TV	DVB-S2	8/9	29.500		French
	Super	L'Équipe 21	TV	DVB-S2	8/9	29.500		French
	Super	Chérie 25	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	6ter	TV	DVB-S2	8/9	29.500		French
	Super	Numero 23	TV	DVB-S2	8/9	29.500		French
	Super	RMC Découverte HD 24	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	TF 1	TV	DVB-S2	8/9	29.500		French
	Super	France 2	TV	DVB-S2	8/9	29.500		French
	Super	M6	TV	DVB-S2	8/9	29.500		French
12.690	V Super	unknown	package	DVB-S2	3/5	30.000		
	Super	Canal 3 Monde	TV	DVB-S2	3/5	30.000		French
	Super	RTI 1	TV	DVB-S2	3/5	30.000		French
	Super	Télé Sahel	TV	DVB-S2	3/5	30.000		French
	Super	Mboa TV	TV	DVB-S2	3/5	30.000		French
	Super	Berbère TV	TV	DVB-S2	3/5	30.000		French
	Super	BRTV Music	TV	DVB-S2	3/5	30.000		French
	Super	BRTV Jeunesse	TV	DVB-S2	3/5	30.000		French
	Super	ORTB TV	TV	DVB-S2	3/5	30.000		French
	Super	Radio Côte d'Ivoire	radio	DVB-S2	3/5	30.000		French
	Super	Dieu TV	TV	DVB-S2	3/5	30.000		French
	Super	Sikka TV	TV	DVB-S2	3/5	30.000		French
	Super	ORTM	TV	DVB-S2	3/5	30.000		French
	Super	RTS 1	TV	DVB-S2	3/5	30.000		French
	Super	RTI 2	TV	DVB-S2	3/5	30.000		French
	Super	Gabon TV	TV	DVB-S2	3/5	30.000		French
	Super	RTNC	TV	DVB-S2	3/5	30.000		French
	Super	CRTV	TV	DVB-S2	3/5	30.000		French
	Super	TVT International	TV	DVB-S2	3/5	30.000		French
	Super	Radio Bénin	radio	DVB-S2	3/5	30.000		French
	Super	Berbère Radio	radio	DVB-S2	3/5	30.000		Berber
	Super	Antinea Radio	radio	DVB-S2	3/5	30.000		Berber

EUTELSAT 3B

3.649	R Global	RTB TV	TV	DVB-S	2/3	2.741		French
3.794	L Global	YES TV	TV	DVB-S2	2/3	3.590		English
11.011	H Europe	RTV Sat	TV	DVB-S	2/3	2.851		Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.049	H Europe	Libya 1	TV	DVB-S2	2/3	1.000		Arabic
11.051	H Europe	Ettousnia TV	TV	DVB-S2	5/6	2.100		Arabic
11.468	H Europe	Sama TV	TV	DVB-S	3/4	2.963		Arabic
11.472	H Europe	Syrian Educational TV	TV	DVB-S	3/4	2.600		Arabic
11.476	H Europe	Alikhbaria Syria	TV	DVB-S	3/4	2.600		Arabic
11.490	H Europe	Karbala Satellite Channel	TV	DVB-S	5/6	2.222		Arabic
11.493	H Europe	Samarra TV	TV	DVB-S	3/4	2.220		Arabic
11.498	V Europe	IRIB World Service Radio 1	radio	DVB-S	3/4	11.852		
11.507	H Europe	Al-Ghadeer Satellite Channel	TV	DVB-S2	3/4	1.480		Arabic
11.519	V Europe	Imam Ali	TV	DVB-S2	5/6	3.000		Arabic
11.524	V Europe	Alhujja Satellite Channel	TV	DVB-S2	5/6	1.100		Arabic
11.525	V Europe	Al-Sahat TV	TV	DVB-S2	5/6	1.100		Arabic
11.527	V Europe	Aden Live TV	TV	DVB-S2	3/4	1.100		Arabic
11.528	V Europe	Al-Naeem TV	TV	DVB-S	3/4	1.500		Arabic
11.606	V Europe	LuaLUA TV	TV	DVB-S2	5/6	1.480		Arabic
11.610	V Europe	Alremas TV	TV	DVB-S2	5/6	1.480		Arabic
11.612	V Europe	Libya Al Watanya	TV	DVB-S	3/4	2.220		Arabic
11.615	H Europe	Al-Ahad Satellite Channel	TV	DVB-S	3/4	2.220		Arabic
11.618	V Europe	Benghazi Broadcasting Network	TV	DVB-S2	3/4	2.222		Arabic
11.632	V Europe	Palestine Live	TV	DVB-S	3/4	2.200		Arabic
11.642	H Europe	Assirat TV	TV	DVB-S2	3/4	1.111		Arabic
11.660	H Europe	Ishraq	TV	DVB-S	5/6	2.400		Arabic
11.680	V Europe	An Najaf Al Ashraf	TV	DVB-S	3/4	3.750		Arabic
11.696	V Europe	Libya Panorama Channel	TV	DVB-S	3/4	2.000		Arabic
12.514	H Europe	Dzair TV	TV	DVB-S2	8/9	4.279		
	Europe	Dzair News	TV	DVB-S2	8/9	4.279		Arabic
12.526	H Europe	2M	package	DVB-S2	3/4	4.444	BISS	
	Europe	2M National	TV	DVB-S2	3/4	4.444	BISS	Arabic
	Europe	2M Monde	TV	DVB-S2	3/4	4.444		Arabic
	Europe	2M Monde	TV	DVB-S2	3/4	4.444	BISS	Arabic
	Europe	Radio 2M	radio	DVB-S2	3/4	4.444		
12.531	H Europe	Ennahar TV	TV	DVB-S2	8/9	2.265		Arabic
12.548	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Alpha TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Ant1	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Makedonia TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
12.566	V Europe	Waar Sport	TV	DVB-S2	2/3	2.750		Kurdish
12.568	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Mega TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	SKAÍ Tileorasi	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Star Channel	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Epsilon TV	TV	DVB-S2	3/5	13.960	BISS	Greek
12.571	V Europe	Waar HD	TV	DVB-S2	2/3	3.650		Kurdish
	Europe	Waar Radio	radio	DVB-S2	2/3	3.650		Kurdish
12.574	V Europe	Aljamaiya Satellite Channel	TV	DVB-S	3/4	1.447		Arabic
12.702	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Alpha TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Ant1	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Art TV	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Epsilon TV	TV	DVB-S2	3/5	13.960	BISS	Greek
12.720	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Makedonia TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	Mega TV	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
	Europe	SKAÍ Tileorasi	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Star Channel	TV	DVB-S2	3/5	Y 13.960	BISS	Greek
12.734	H Europe	Aletejah TV English	TV	DVB-S	3/4	2.143		English
	Europe	Nerit	package	DVB-S2	3/5	16.750		
	Europe	Nerit Ena	TV	DVB-S2	3/5	16.750		Greek
	Europe	Nerit Plus	TV	DVB-S2	3/5	16.750		Greek
	Europe	Vouli Tileorasi	TV	DVB-S2	3/5	16.750		Greek
	Europe	Nerit HD	TV	DVB-S2	3/5	16.750		Greek
	Europe	Nerit Proto	radio	DVB-S2	3/5	16.750		Greek
	Europe	Nerit Kosmos	radio	DVB-S2	3/5	16.750		Greek
	Europe	Nerit Trito	radio	DVB-S2	3/5	16.750		Greek

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe	Nerit Deftero	radio	DVB-S2	3/5	16.750		Greek

EUTELSAT 7A

10.721	H Europe B	IVG	package	DVB-S	3/4	22.000		
	Europe B	OpenSky	package	DVB-S	3/4	27.500		
	Europe B	BBC Persian	TV	DVB-S	3/4	22.000		Farsi
	Europe B	TVGE Internacional	TV	DVB-S	3/4	27.500		Spanish
	Europe B	LuaLua TV	TV	DVB-S	3/4	27.500		Arabic
	Europe B	Simay-Azadi Iran National TV	TV	DVB-S	3/4	22.000		Farsi
	Europe B	Diaspora 24	TV	DVB-S	3/4	27.500		French
	Europe B	TFM	TV	DVB-S	3/4	22.000		French
	Europe B	Inspiration TV	TV	DVB-S	3/4	27.500		English
	Europe B	RTS 1	TV	DVB-S	3/4	22.000		French
	Europe B	BBC World Service English Europe	radio	DVB-S	3/4	27.500		English
	Europe B	ORTM	TV	DVB-S	3/4	22.000		French
	Europe B	BBC World Service English Australia & New Zealand	radio	DVB-S	3/4	27.500		English
	Europe B	TPA Internacional	TV	DVB-S	3/4	22.000		Portuguese
	Europe B	BBC World Service English News	radio	DVB-S	3/4	27.500		English
	Europe B	BBC World Service Arabic	radio	DVB-S	3/4	27.500		Arabic
	Europe B	RFM	radio	DVB-S	3/4	22.000		French
	Europe B	BBC World Service Afghanistan	radio	DVB-S	3/4	27.500		
	Europe B	Radio Zamanah	radio	DVB-S	3/4	22.000		Farsi
	Europe B	BBC World Service Russian	radio	DVB-S	3/4	27.500		Russian
	Europe B	Radio Sénégal International	radio	DVB-S	3/4	22.000		French
	Europe B	OpenSky	interactiv e	DVB-S	3/4	27.500		
	Europe B	Radio Farda	radio	DVB-S	3/4	22.000		Farsi
10.762	V Europe B	Digiturk	package	DVB-S	3/4	30.000		
	Europe B	TRT Avaz	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Okul	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Arapça	TV	DVB-S	3/4	30.000		Arabic
	Europe B	TRT Belgesel	TV	DVB-S	3/4	30.000	Y	Turkish
	Europe B	TRT Türk	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Spor	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TBMM TV	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Haber	TV	DVB-S	3/4	30.000	Y	Turkish
	Europe B	TRT Diyanet	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Müzik	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Okul	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Spor	TV	DVB-S	3/4	30.000		Turkish
	Europe B	TBMM TV	TV	DVB-S	3/4	30.000		Turkish
10.804	V Europe B	Digiturk	package	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto 2	
	Europe B	MTV Live HD	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Europe B	Moviemax promo	TV	DVB-S	3/4	29.900		Turkish
	Europe B	Eurosport International	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Lig TV promo	TV	DVB-S	3/4	29.900		Turkish
	Europe B	BBC Knowledge Nordic	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	English
	Europe B	Digiturk 3D	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Sports TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	The History Channel Turkey	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Power TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Sports TV	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Dizimax Sci-Fi	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Kral TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Fox Sports Turkey	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Nickelodeon HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Penthouse HD	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Europe B	Shop 90	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Nat Geo People	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	E2	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Irmak TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
10.845	V Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto 2	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Moviemax Family HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Planet Mutfak	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Mezzo	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
	Europe B	TRT HD	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Europe B	VH1 Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Extreme Sports Channel	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Show TV	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	BBC Entertainment Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Iz TV	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Dream TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	NTV Spor	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Euro D	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Lig TV 2	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	EuroStar	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	MCM Top	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
	Europe B	Fashion TV Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
10.887	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto 2	
	Europe B	Moviemax Premier HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	National Geographic Channel HD Europe	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Dizimax Drama	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Lig TV	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Fox Türkiye	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Lig TV 3	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Dizimax Vice	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Kanal D	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Stars HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Turkmax gurme	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Turk	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Star TV	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	ATV Türkiye	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
10.928	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto 2	
	Europe B	Moviemax Premier 2	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	RTR Planeta	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Russian
	Europe B	TRT 1	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	Al Jazeera English	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Moviemax Festival	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Digiturk 3D	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	TV 5 Monde Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
	Europe B	BBC World News Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Dizimax Comedy	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Dizimax Entertainment	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Pro Sieben Schweiz	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	German
	Europe B	France 24 English	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Moviemax Comedy HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	CNN International Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	TV 8	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Action	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Rai 1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Italian
	Europe B	EuroNews	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	German,English,French, Spanish,Italian,Russian,P ortuguese,Arabic,Turkish ,Greek
	Europe B	Digiturk Teknik Servis	interactiv e	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
10.962	H Africa	Record Mozambique	TV	DVB-S	2/3	3.255		Portuguese
11.221	H Europe A	Eutelsat	package	DVB-S	3/4	27.500		
	Europe A	TFM	TV	DVB-S	3/4	27.500		French
	Europe A	RTS 1	TV	DVB-S	3/4	27.500		French
	Europe A	ORTM	TV	DVB-S	3/4	27.500		French
	Europe A	TPA Internacional	TV	DVB-S	3/4	27.500		Portuguese
	Europe A	Iranefarda TV	TV	DVB-S	3/4	27.500		Farsi
	Europe A	Classic	radio	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe A	Mix	radio	DVB-S	3/4	27.500		
	Europe A	I.D.	radio	DVB-S	3/4	27.500		
	Europe A	Cocktail	radio	DVB-S	3/4	27.500		
	Europe A	Soft Pop	radio	DVB-S	3/4	27.500		
	Europe A	Castorama	radio	DVB-S	3/4	27.500		
	Europe A	Hits Online	radio	DVB-S	3/4	27.500		
	Europe A	Chartbusters Radio	radio	DVB-S	3/4	27.500		English
	Europe A	RFM	radio	DVB-S	3/4	27.500		French
	Europe A	Rádio Luanda	radio	DVB-S	3/4	27.500		Portuguese
	Europe A	Canal A	radio	DVB-S	3/4	27.500		Portuguese
	Europe A	Radio Sénégal International	radio	DVB-S	3/4	27.500		French
	Europe A	La Radio Plus	radio	DVB-S	3/4	27.500		French
11.262	H Europe A	unknown	package	DVB-S	5/6	27.500		
	Europe A	FilmBox Africa	TV	DVB-S	5/6	27.500		English
	Europe A	FilmBox Arthouse	TV	DVB-S	5/6	27.500		English
	Europe A	Iran TV Network	TV	DVB-S	5/6	27.500		Farsi
	Europe A	MadScreen Box	TV	DVB-S	5/6	27.500		English
	Europe A	Fast & FunBox HD	TV	DVB-S	5/6	27.500		English
	Europe A	360 Tune Box	TV	DVB-S	5/6	27.500		English
11.456	V Europe B	Digiturk	package	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	
	Europe B	TRT Çocuk	TV	DVB-S	3/4	20.050		Turkish
	Europe B	BS TV	TV	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	Turkish
	Europe B	Beyaz TV	TV	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kanal B	TV	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	Turkish
	Europe B	Bugün TV	TV	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	Turkish
	Europe B	Halk Haber TV	TV	DVB-S	3/4	20.050		Turkish
	Europe B	A Spor	TV	DVB-S	3/4	20.050	Cryptoworks/Irdeto 2	Turkish
11.471	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Minika Go	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	MTV Hits	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	NTV Spor	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	24	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TV Net	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Cine 5	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Disney Junior Türkiye & Polska	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Ülke TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Planet Çocuk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Lig TV 2	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Mehtap TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Digi Vipclub	interactiv e	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
11.492	V Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Dizimax Vice	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Samanyolu TV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Baby TV Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	GS TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TRT 1	TV	DVB-S	3/4	Y 30.000		Turkish
	Europe B	Turkmax gurme	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Dizimax Entertainment	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Lig TV	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Idman Azerbaijan	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Azerbaijan
11.513	H Europe B	Digiturk	package	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	Iz TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Flash TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Digi Kanal	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Penthouse HD	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	MTV Europe	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	English
	Europe B	E! Europe	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Power Türk TV	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Samanyolu Haber	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish
	Europe B	Eurosport 2	TV	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Digiaktif	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	Halk Bankasi	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	TV Hava Durumu	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	Ajans Press	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	Müşteri Hizmetleri	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
	Europe B	IBB Trafik	interactiv e	DVB-S	3/4	29.900	Cryptoworks/Irdeto 2	
11.534	V Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	NTV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kanalurk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	CNBC-E	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	CNN Türk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	+1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Moviemax Premier	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Cartoon Network Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TV 8	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kral Pop TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TV Finans	interactiv e	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
11.554	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Moviemax Comedy HD	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	TV 2	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kanal A	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Dizimax Sci-Fi	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Nickelodeon Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Investigation Discovery Xtra	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Yumurcak TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Discovery Science Channel	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Discovery Channel Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Duck TV SD	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
11.575	V Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Show TV	TV	DVB-S	3/4	Y 30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Bloomberg TV Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Kanal D	TV	DVB-S	3/4	Y 30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Blue Hustler Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Fox Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Salon 1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Salon 2	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Disney XD Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Playboy TV UK	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
11.596	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Moviemax Action 2	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Family	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Festival	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Habertürk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TJK TV	TV	DVB-S	3/4	30.000		Turkish
	Europe B	Lig TV 3	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	FB TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Dizimax Drama	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Nick Jr Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Eurosport News	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
	Europe B	Bilyoner.com	interactiv e	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
11.617	V Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Star TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	National Geographic Channel Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish
	Europe B	Nat Geo Wild Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	The History Channel Turkey	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Moviemax Turk	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Süper FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Show Radyo	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Radyo Viva	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Masal Radyo	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Alem FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Songs of Love	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Love Songs	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	In Love	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	90s Hits	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	80s Hits	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Party	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Classical Music	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Concerts	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	America's Classics	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Classic Rock	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Rock	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Energetic	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Nu Jazz	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Blues	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Jazz	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Reggae	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Latin	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Oldies but Goldies	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Morning Coffee	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Chill Out	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Virgin Radio Türkiye	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Hip Hop R&B	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	International	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Relaxation	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Dreamy	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Melancholic	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Metro FM	radio	DVB-S	3/4	30.000		Turkish
	Europe B	Happy	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	JoyTurk	radio	DVB-S	3/4	30.000		Turkish
	Europe B	Joy FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TRT FM	radio	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Radyo 4	radio	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Radyo 3	radio	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Nagme	radio	DVB-S	3/4	30.000		Turkish
	Europe B	TRT Türkü	radio	DVB-S	3/4	30.000		Turkish
	Europe B	Baba Radyo	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Best FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Power FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Radyo Fenomen	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Power Love FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Power Türk FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kral FM	radio	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
11.637	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	BJK TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Moviemax Action	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Stars	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	MGM Channel Turkey	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TV Em	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	TGRT Haber	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	BabyFirst TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Erotik Oyunlar	interactiv e	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
11.668	V Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto 2/Nagravision 3	
	Europe B	BBC HD Nordic	TV	DVB-S2	5/6	30.000	Irdeto 2/Nagravision 3	English
	Europe B	Kanalurk	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	A Haber	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	A Spor	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Kanal 7	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Samanyolu TV Türkiye	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
	Europe B	Moviemax Action 2	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
11.678	H Europe B	Digiturk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
	Europe B	Fox Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	ATV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Kanal 7	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Eurosport International	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
	Europe B	Disney Channel Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	A Haber	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Salon 3	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Animal Planet Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
	Europe B	Moviemax Premier 2	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	Dizimax Comedy	TV	DVB-S	3/4	30.000	Irdeto 2	Turkish
	Europe B	360	TV	DVB-S	3/4	30.000		Turkish
12.521	H Africa	Skylogic	package	DVB-S2	5/6	27.500	BISS	
	Africa	Hustler HD Europe	TV	DVB-S2	5/6	27.500	BISS	English
	Africa	M6	TV	DVB-S2	5/6	27.500	BISS	French
	Africa	W9	TV	DVB-S2	5/6	27.500	BISS	French
	Africa	BFM TV	TV	DVB-S2	5/6	27.500	BISS	French
	Africa	Equidia Live	TV	DVB-S2	5/6	27.500	BISS	French
	Africa	BeIn Sports 1	TV	DVB-S2	5/6	27.500	BISS	French
	Africa	BeIn Sports 2	TV	DVB-S2	5/6	27.500	BISS	French
12.728	H Africa	Free2View	package	DVB-S	5/6	30.000		
	Africa	MTA International	TV	DVB-S	5/6	30.000		Urdu
	Africa	RTS 1	TV	DVB-S	5/6	30.000		French
	Africa	TVGE Internacional	TV	DVB-S	5/6	30.000		Spanish
	Africa	CRTV	TV	DVB-S	5/6	30.000		French
	Africa	TPA Internacional	TV	DVB-S	5/6	30.000		Portuguese
	Africa	RFI Afrique	radio	DVB-S	5/6	30.000		French
	Africa	RFI Océan Indien	radio	DVB-S	5/6	30.000		French
	Africa	Radio Sénégal International	radio	DVB-S	5/6	30.000		French
	Africa	Radio Vaovao Mahaso	radio	DVB-S	5/6	30.000		
21.540	H Europe C	TPA Internacional	TV	DVB-S	2/3	2.442		Portuguese
	Europe C	Rádio Luanda	radio	DVB-S	2/3	2.442		Portuguese
	Europe C	Canal A	radio	DVB-S	2/3	2.442		Portuguese
21.553	H Europe C	Muvi TV	package	DVB-S2	5/6	9.600		
	Europe C	Muvi TV	TV	DVB-S2	5/6	9.600		English
	Europe C	Africa Unite TV	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Nyimbo	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Muviz	TV	DVB-S2	5/6	9.600		English
	Europe C	Revelation TV	TV	DVB-S2	5/6	9.600		English
	Europe C	Prism Africa	TV	DVB-S2	5/6	9.600		English
	Europe C	EuroNews	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Combo	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Yanga TV	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Bakadoli	TV	DVB-S2	5/6	9.600		English
	Europe C	Emmanuel TV	TV	DVB-S2	5/6	9.600		English
	Europe C	Muvi Novela	TV	DVB-S2	5/6	9.600		English
	Europe C	Komboni Radio 94.9 FM	radio	DVB-S2	5/6	9.600		English
	Europe C	Hot 87.7 FM	radio	DVB-S2	5/6	9.600		English
21.565	H Europe C	2S TV	TV	DVB-S	7/8	1.571		French
21.571	H Europe C	TPA Internacional	TV	DVB-S	2/3	2.442		Portuguese
	Europe C	Rádio Luanda	radio	DVB-S	2/3	2.442		Portuguese
	Europe C	Canal A	radio	DVB-S	2/3	2.442		Portuguese
21.574	H Europe C	RDV	TV	DVB-S	7/8	1.860		French
	Europe C	Radio Dunyaa	radio	DVB-S	7/8	1.860		French

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10.721	H Africa	unknown	package	DVB-S2	?	30.000		
	Africa	Muvi TV	TV	DVB-S2	?	30.000	Conax	English
	Africa	Africa Unite TV	TV	DVB-S2	?	30.000		English
	Africa	Muvi Nyimbo	TV	DVB-S2	?	30.000	Conax	English
	Africa	Muvi Muviz	TV	DVB-S2	?	30.000	Conax	English
	Africa	Revelation TV	TV	DVB-S2	?	30.000		English
	Africa	Prism Africa	TV	DVB-S2	?	30.000		English
	Africa	DW	TV	DVB-S2	?	30.000		English
	Africa	Muvi Combo	TV	DVB-S2	?	30.000	Conax	English
	Africa	Hope Channel Zambia	TV	DVB-S2	?	30.000		English
	Africa	Muvi Bakadoli	TV	DVB-S2	?	30.000	Conax	English
	Africa	Emmanuel TV	TV	DVB-S2	?	30.000		English
	Africa	Muvi Novela	TV	DVB-S2	?	30.000	Conax	English
	Africa	Komboni Radio 94.9 FM	radio	DVB-S2	?	30.000		English
	Africa	Hot 87.7 FM	radio	DVB-S2	?	30.000		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.046	H Europe A	EVN TV	TV	DVB-S2	5/6	8.335	BISS	
11.356	H Africa	Azam TV	package	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	Azam TV Info Channel	TV	DVB-S2	5/6	45.000		English
	Africa	Azam One	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Sinema Zetu	TV	DVB-S2	5/6	45.000	Nagravision 3	Swahili
	Africa	TBC 1	TV	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	Channel Ten	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Clouds TV	TV	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	ZBC TV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	ZBC Channel 2	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	ITV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	EATV 5	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	KBC Channel 1	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Citizen TV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	K24	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	NTV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	KTN	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	UBC TV	TV	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	NTV Uganda	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	NBS TV	TV	DVB-S2	5/6	45.000	Nagravision 3	Swahili
	Africa	Bukedde TV 2	TV	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	Urban TV	TV	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	TV West	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	TV Imaan	TV	DVB-S2	5/6	45.000		
	Africa	E TV Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	MTV Base Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Viasat Nature Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Viasat History Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	BBC World News Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Al Jazeera English	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Times Now	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	France 24 English	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Colors	TV	DVB-S2	5/6	45.000	Nagravision 3	Hindi
	Africa	Zoom	TV	DVB-S2	5/6	45.000	Nagravision 3	Hindi
	Africa	MTV India	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Clouds FM	radio	DVB-S2	5/6	45.000		English
	Africa	EFM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Times FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	TBC FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Choice FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	ABM FM Radio	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Uhuru FM	radio	DVB-S2	5/6	45.000		Swahili
11.387	H Europe B	33 TV	TV	DVB-S	3/4	27.500		Farsi
	Europe B	Face 2	TV	DVB-S	3/4	27.500		Farsi
	Europe B	PMC	TV	DVB-S	3/4	27.500		Farsi
	Europe B	Rûdaw FM	radio	DVB-S	3/4	27.500		Kurdish
11.418	H Africa	Azam TV	package	DVB-S2	5/6	45.000	Nagravision 3	
	Africa	Star TV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	QTV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Bukedde TV 1	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	MBC	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Romanza+ Africa	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Landscape HD	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	NHK World TV	TV	DVB-S2	5/6	45.000	Nagravision 3	English
	Africa	Isai Aruvi	TV	DVB-S2	5/6	45.000	Nagravision 3	Tamil
	Africa	Puthiya Thalaimurai	TV	DVB-S2	5/6	45.000	Nagravision 3	Tamil
	Africa	Kalaignar TV	TV	DVB-S2	5/6	45.000	Nagravision 3	Tamil
	Africa	Mazhavil Manorama	TV	DVB-S2	5/6	45.000	Nagravision 3	Malayalam
	Africa	Kairali Arabia	TV	DVB-S2	5/6	45.000	Nagravision 3	Malayalam
	Africa	Mathrubhumi News	TV	DVB-S2	5/6	45.000	Nagravision 3	Malayalam
	Africa	Tollywood TV	TV	DVB-S2	5/6	45.000	Nagravision 3	Telugu
	Africa	ABN	TV	DVB-S2	5/6	45.000	Nagravision 3	Telugu
	Africa	Sony SAB TV Asia	TV	DVB-S2	5/6	45.000	Nagravision 3	Hindi
	Africa	UTV Movies International	TV	DVB-S2	5/6	45.000	Nagravision 3	Hindi

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	MBC Bollywood	TV	DVB-S2	5/6	45.000	Nagravision 3	Arabic
	Africa	Radio Free Africa	radio	DVB-S2	5/6	45.000		
	Africa	Kiss FM	radio	DVB-S2	5/6	45.000		
12.532	V Europe A	Music Haneen	TV	DVB-S2	2/3	1.852		Arabic
12.603	H Africa	Africa TV 2	TV	DVB-S2	2/3	30.000		Swahili
	Africa	Peace TV English	TV	DVB-S2	2/3	30.000		English
	Africa	Quran TV	TV	DVB-S2	2/3	30.000		Arabic
	Africa	Sunna TV	TV	DVB-S2	2/3	30.000		Arabic
	Africa	IBN TV	TV	DVB-S2	2/3	30.000		English
	Africa	Homebase TV	TV	DVB-S2	2/3	30.000		English
	Africa	My Righteous TV	TV	DVB-S2	2/3	30.000		English
	Africa	Radio Maarifa	radio	DVB-S2	2/3	30.000		English
	Africa	Sky FM	radio	DVB-S2	2/3	30.000		English
12.645	H Africa	Azam TV	package	DVB-S2	2/3	30.000	Nagravision 3	
	Africa	MBC 2	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	MBC Action	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	MBC Max	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	MBC 3	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	Fox Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	FX Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	AMC Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	African Movie Channel	TV	DVB-S2	2/3	30.000	Nagravision 3	
	Africa	The Box Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Fox Sports Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Ma Chaîne Sport	TV	DVB-S2	2/3	30.000	Nagravision 3	French
	Africa	Kombat Sport	TV	DVB-S2	2/3	30.000	Nagravision 3	French
	Africa	Nat Geo Gold	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Discovery Science Middle East	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Investigation Discovery Europe	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Fine Living	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Outdoor Channel International	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Nickelodeon Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Fix & Foxi	TV	DVB-S2	2/3	30.000	Nagravision 3	German
	Africa	MBC	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	MBC 4	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Wanasah	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	MBC Drama	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	Al Jazeera Channel	TV	DVB-S2	2/3	30.000	Nagravision 3	English
	Africa	Jeem TV	TV	DVB-S2	2/3	30.000	Nagravision 3	Arabic
	Africa	Star Plus Middle East	TV	DVB-S2	2/3	30.000	Nagravision 3	Hindi
	Africa	Star Gold UK	TV	DVB-S2	2/3	30.000	Nagravision 3	Hindi
	Africa	Zee Cinema Africa	TV	DVB-S2	2/3	30.000	Nagravision 3	Hindi
	Africa	Zing UK	TV	DVB-S2	2/3	30.000	Nagravision 3	Hindi

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11.727	V Wide	Arqiva	package	DVB-S	3/4	27.500		
	Wide	MTV Portugal	TV	DVB-S	3/4	27.500	Viaccess 4.0	Portuguese
	Wide	Disney Channel Romania	TV	DVB-S	3/4	27.500	Viaccess 4.0	English,Romanian
	Wide	Disney Channel Bulgaria	TV	DVB-S	3/4	27.500	Viaccess 4.0	English,Ukrainian,Bulgarian
	Wide	NTD TV East	TV	DVB-S	3/4	27.500		Chinese
	Wide	Deepam TV	TV	DVB-S	3/4	27.500		Tamil
	Wide	Global Tamil Vision Europe	TV	DVB-S	3/4	27.500		Tamil
	Wide	Fashion One Europe	TV	DVB-S	3/4	27.500		English
	Wide	IBC Tamil	radio	DVB-S	3/4	27.500		Tamil
	Wide	IBC Tamil	radio	DVB-S	3/4	27.500		Tamil
11.747	H Wide	AustriaSat Magyarország	package	DVB-S2	2/3	27.500	Conax/Irdeto 2	
	Wide	Discovery Channel Hungary	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	National Geographic Channel Hungary & Czechia	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	Comedy Central Hungary	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	Fem 3	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	ATV	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	Digi Sport 2 Hungary	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian
	Wide	DoQ	TV	DVB-S2	2/3	27.500	Conax/Irdeto 2	Hungarian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	TLC Balkan	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Sport Klub Hungary	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	RTL +	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Sport 2 Hungary	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Discovery Channel Hungary	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Viva TV	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Super TV 2	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	AXN Central Europe	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	Digi Sport 1 Hungary	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	RTL Klub	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	TV 2	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	D1 TV	TV	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
	Wide	TVT International	TV	DVB-S2	2/3		27.500		French
	Wide	Gong Rádió	TV	DVB-S2	2/3		27.500		Hungarian
	Wide	Lánchíd Rádió	radio	DVB-S2	2/3		27.500	Conax/Irdeto 2	Hungarian
11.766	V Wide	Media Broadcast	package	DVB-S	3/4		27.500		
	Wide	Ek Ehsas	TV	DVB-S	3/4		27.500		
	Wide	Athavan TV	TV	DVB-S	3/4		27.500		Tamil
	Wide	Hot AC	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN PowerTalk	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN The Eagle Europe	radio	DVB-S	3/4		27.500	PowerVu	English
11.785	H Wide	KabelKiosk	package	DVB-S2	2/3		27.500		
	Wide	Channel 21	TV	DVB-S2	2/3	Y	27.500		German
	Wide	QVC Plus Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Viva Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Comedy Central Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Eurosport Germany	TV	DVB-S2	2/3	Y	27.500	Betacrypt/Conax/Nagravision 3/Videoguard	German
	Wide	HSE 24 Extra	TV	DVB-S2	2/3	Y	27.500		German
	Wide	BBC World News Europe	TV	DVB-S2	2/3		27.500		English
	Wide	Bloomberg TV Europe	TV	DVB-S2	2/3		27.500		English
	Wide	TV 5 Monde Europe	TV	DVB-S2	2/3	Y	27.500		French
	Wide	Deutsches Musik Fernsehen	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Bibel TV	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Servus TV Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Deluxe Music	TV	DVB-S2	2/3		27.500		German
11.804	V Wide	American Forces Network Europe	package	DVB-S	3/4		27.500	PowerVu	
	Wide	AFN Sports	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Prime Atlantic	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Spectrum	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Prime Pacific	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN News	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Guide	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	DoD News	TV	DVB-S	3/4		27.500		English
	Wide	AFN Family	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Movie	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Sports	TV	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN PowerTalk	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Freedom Radio	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	Today's Best Country	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN's Joe Radio	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	NPR Worldwide AFRTS	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN The Voice	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	Gravity	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Legacy	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	Hot AC	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Clutch	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Fans	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN Power Network Europe	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN The Eagle Europe	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN The Eagle Bavaria	radio	DVB-S	3/4		27.500	PowerVu	English
	Wide	AFN The Eagle Kaiserslautern	radio	DVB-S	3/4		27.500	PowerVu	English
11.823	H Wide	KBS World	TV	DVB-S	3/4		27.500	Irdeto 2	Korean
	Wide	Apostolic Oneness Network	TV	DVB-S	3/4		27.500		English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Sisal TV 1	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 2	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 3	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 4	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	TVBS Europe	TV	DVB-S	3/4		27.500	Irdeto 2	Cantonese,Chinese
	Wide	TVBN	TV	DVB-S	3/4		27.500	Irdeto 2	Chinese
	Wide	TVB Junior	TV	DVB-S	3/4		27.500	Irdeto 2	Chinese
	Wide	TVB Premium Drama	TV	DVB-S	3/4		27.500	Irdeto 2	Chinese
	Wide	TVB Good Show	TV	DVB-S	3/4		27.500	Irdeto 2	Chinese
	Wide	Radio Studio 7	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Carrefour express	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Globale	radio	DVB-S	3/4		27.500		Italian
	Wide	Ros & Ros	radio	DVB-S	3/4		27.500		Italian
	Wide	Ros & Ros Selex	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Carrefour ipermercati	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Carrefour market	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Number One	radio	DVB-S	3/4		27.500		Italian
	Wide	RTHK Radio 1	radio	DVB-S	3/4		27.500	Irdeto 2	
11.861	H Wide	KabelKiosk	package	DVB-S2	2/3		27.500	Betacrypt/Conax/Nagravision 3/Videoguard	
	Wide	Kabel Eins Deutschland	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
	Wide	DMAX Deutschland	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
	Wide	Tele 5	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	English
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Wide	Sport 1	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
	Wide	TLC Germany	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
11.881	V Wide	RR Media	package	DVB-S2	2/3		27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard/BISS	
	Wide	Eurosport 2 North-East	TV	DVB-S2	2/3	Y	27.500	Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	English
	Wide	I-concerts	TV	DVB-S2	2/3		27.500	Conax/Viaccess 2.6/Viaccess 4.0	
	Wide	RTG International	TV	DVB-S2	2/3		27.500		English,Russian,Turkish
	Wide	SET Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German,English
	Wide	Mezzo Live HD	TV	DVB-S2	2/3		27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard	
	Wide	Intralot TV 4	TV	DVB-S2	2/3		27.500	BISS	
	Wide	CandyMan TV	TV	DVB-S2	2/3		27.500	Viaccess 4.0	
	Wide	Radio Kara	radio	DVB-S2	2/3		27.500		French
11.900	H Wide	Trace Sport Stars	TV	DVB-S2	2/3		27.500	Conax/Viaccess 2.6/Videoguard	English,French,English,Russian
	Wide	Trace Urban	TV	DVB-S2	2/3		27.500	Conax/Viaccess 2.6/Videoguard	English
11.919	V Wide	RR Media	package	DVB-S	3/4		27.500	Cryptoguard/Cryptoworks/Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/BISS	
	Wide	Karusel International	TV	DVB-S	3/4		27.500		Russian
	Wide	Ru TV	TV	DVB-S	3/4		27.500		Russian
	Wide	SVT World	TV	DVB-S	3/4	Y	27.500	Cryptoguard	Swedish
	Wide	The Israeli Network	TV	DVB-S	3/4		27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Hebrew
	Wide	ANN	TV	DVB-S	3/4		27.500		Arabic
	Wide	NLM TV	TV	DVB-S	3/4		27.500		Tamil
	Wide	Ana Bintizarek	TV	DVB-S	3/4		27.500		Arabic
	Wide	Angel TV Europe	TV	DVB-S	3/4		27.500		Tamil
	Wide	Star Vijay International	TV	DVB-S	3/4		27.500		Tamil
	Wide	Monitor Games	TV	DVB-S	3/4		27.500	BISS	Greek
	Wide	Evrofutboll Gonki	TV	DVB-S	3/4		27.500	BISS	Bulgarian
	Wide	Rainbow	TV	DVB-S	3/4		27.500		Tamil
	Wide	Intralot TV 4	TV	DVB-S	3/4		27.500	Nagravision 3	Greek
	Wide	Ezekiel TV	TV	DVB-S	3/4		27.500		English
	Wide	Intralot TV 5	TV	DVB-S	3/4		27.500	Nagravision 3	Greek
	Wide	European Tamil Radio	radio	DVB-S	3/4		27.500		Tamil
	Wide	Radio Sweden	radio	DVB-S	3/4		27.500		Swedish
	Wide	SR P4	radio	DVB-S	3/4		27.500		Swedish
	Wide	RadioClassica	radio	DVB-S	3/4		27.500		Italian
11.938	H Wide	GlobeCast	package	DVB-S	3/4		27.500		
	Wide	PTV Global	TV	DVB-S	3/4		27.500		Urdu
	Wide	Jiangsu TV	TV	DVB-S	3/4		27.500		Chinese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Dan Yarl Oli	TV	DVB-S	3/4	27.500		Tamil
	Wide	CCTV 9 Documentary	TV	DVB-S	3/4	27.500		English
	Wide	TV Globo Internacional Europa/Africa	TV	DVB-S	3/4	27.500	Viaccess 5.0	Portuguese
	Wide	Holy God Europe & Middle East	TV	DVB-S	3/4	27.500		Tamil
	Wide	Disney Channel Middle East	TV	DVB-S	3/4	27.500	Irdeto 2	Arabic,Greek,English
	Wide	Rai Italia Africa	TV	DVB-S	3/4	27.500	Viaccess 2.5	Italian
	Wide	RFI Français	radio	DVB-S	3/4	27.500		French
	Wide	RFI Langues Est	radio	DVB-S	3/4	27.500		
	Wide	RFI Langues Diverse	radio	DVB-S	3/4	27.500		
	Wide	RFI Afrique	radio	DVB-S	3/4	27.500		
	Wide	RFI Diverse 1	radio	DVB-S	3/4	27.500		
	Wide	RFI Diverse 2	radio	DVB-S	3/4	27.500		
	Wide	RFI Diverse 7	radio	DVB-S	3/4	27.500		
	Wide	Monte Carlo Doualiya	radio	DVB-S	3/4	27.500		Arabic
	Wide	RFI Latine	radio	DVB-S	3/4	27.500		
	Wide	RFI Diverse 3	radio	DVB-S	3/4	27.500		
	Wide	RFI Diverse 4	radio	DVB-S	3/4	27.500		
	Wide	RFI Musique	radio	DVB-S	3/4	27.500		
11.958	V Wide	MTVA	package	DVB-S2	2/3	27.500		
	Wide	M1	TV	DVB-S2	2/3	Y 27.500		Hungarian
	Wide	M2	TV	DVB-S2	2/3	Y 27.500		Hungarian
	Wide	Duna TV	TV	DVB-S2	2/3	Y 27.500		Hungarian
	Wide	Duna World	TV	DVB-S2	2/3	Y 27.500		Hungarian
	Wide	M3	TV	DVB-S2	2/3	Y 27.500	Conax	Hungarian
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Bartók Rádió	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Nemzetiségi adások	radio	DVB-S2	2/3	27.500		
	Wide	Parlamenti adások	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Dankó Rádió	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Duna World Rádió	radio	DVB-S2	2/3	27.500		Hungarian
	Wide	Magyar Katolikus Rádió	radio	DVB-S2	2/3	27.500		Hungarian
11.977	H Wide	Media Broadcast promo	TV	DVB-S	3/4	27.500		English
11.996	V Wide	GlobeCast	package	DVB-S	3/4	27.500		
	Wide	BBC Entertainment Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0	English
	Wide	CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese
	Wide	CCTV Español	TV	DVB-S	3/4	27.500		Spanish
	Wide	CCTV Russkij	TV	DVB-S	3/4	27.500		Russian
	Wide	CCTV Arabic	TV	DVB-S	3/4	27.500		Arabic
	Wide	Sun TV	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil
	Wide	Sun Music	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil
12.015	H Wide	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Sixx Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	RTL 2 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	Viva Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,German
	Wide	Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
12.034	V Wide	GlobeCast	package	DVB-S2	3/4	27.500		
	Wide	TF 1 Suisse	TV	DVB-S2	3/4	Y 27.500		French
	Wide	NT1 Suisse	TV	DVB-S2	3/4	27.500		
	Wide	TF 1 Suisse	TV	DVB-S2	3/4	27.500		French
	Wide	M6 Suisse	TV	DVB-S2	3/4	27.500		French
	Wide	M6 Suisse	TV	DVB-S2	3/4	27.500		French
	Wide	W9 Suisse	TV	DVB-S2	3/4	27.500		French
	Wide	6ter Suisse	TV	DVB-S2	3/4	27.500		French
	Wide	Eurosport	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	
	Wide	Eurosport 2	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	English
	Wide	Eurosport News	TV	DVB-S2	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	English,Russian,Portuguese
	Wide	Phoenix InfoNews Channel	TV	DVB-S2	3/4	27.500		Chinese
12.054	H Wide	unknown	package	DVB-S2	2/3	27.500		
	Wide	Record News	TV	DVB-S2	2/3	27.500		Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
12.074	V	Wide	Real Madrid TV English	TV	DVB-S2	2/3	27.500	English	
	Wide	Iberalia TV	TV	DVB-S2	2/3	27.500	Viaccess 4.0	Spanish	
	Wide	AustriaSat Magyarország	package	DVB-S2	3/4	27.500	Conax/Irdeto 2		
	Wide	Brazzers TV Europe	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	English	
	Wide	Nickelodeon Hungary	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Spektrum TV	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Minimax Hungary	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	TV Paprika	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Viasat 3	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	RTL II	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Story 4	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Disney Channel Hungary & Czechia	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Megamax	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Sorozat +	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Viasat 6	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Muzsika TV	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Fox Hungary	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Viasat Explore	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Viasat History	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Viasat Nature East	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Hír TV	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto 2	Hungarian	
	Wide	Duck TV HD	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	English	
	Wide	Pro 4	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Film + Hungary	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
	Wide	Cool TV	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian	
Wide	Investigation Discovery Xtra	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	Hungarian		
Wide	Nautical Channel	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	French,English,German,Italian,Russian		
12.092	H	Wide	Penthouse 3D	TV	DVB-S2	3/4	27.500	Conax/Irdeto 2	English
	Wide	Arqiva	package	DVB-S2	3/4	27.500	PowerVu/Viaccess 2.6/Viaccess 4.0/Videoguard		
	Wide	Disney Junior Türkiye & Polska	TV	DVB-S2	3/4	27.500	Viaccess 4.0	English,Turkish,Polish,Romanian,Greek	
	Wide	Luxe TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0	French,English,German,Italian,Russian,Spanish	
	Wide	Disney Channel Türkiye	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Turkish,English	
	Wide	Fox Sports Middle East	TV	DVB-S2	3/4	27.500	Viaccess 4.0	English	
	Wide	Vivolta	TV	DVB-S2	3/4	27.500	PowerVu	English	
12.111	V	Wide	E! Europe	TV	DVB-S2	3/4	27.500	PowerVu	English,German,Italian,French,Polish,Turkish,English,German,Italian,French,Polish,Turkish,Czech,Hungarian
	Wide	Universal Channel Romania	TV	DVB-S2	3/4	27.500	Viaccess 4.0	Romanian	
	Wide	Nickelodeon Türkiye	TV	DVB-S2	3/4	27.500	Viaccess 4.0	English,Turkish	
	Wide	Body in Balance Germany	TV	DVB-S2	3/4	27.500	Viaccess 4.0	German	
	Wide	OTE TV	package	DVB-S2	3/5	27.500	Videoguard		
	Wide	OTE Sport 2	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	OTE Sport 3	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	Mega TV	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	Alpha TV	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	SKAİ Tileorasi	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	OTE Cinema 3	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	OTE Sport 1	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	Star Channel	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
12.130	H	Wide	Nerit Plus	TV	DVB-S2	3/5	27.500	Videoguard	Greek
	Wide	KabelKiosk	package	DVB-S	3/4	27.500	Betacrypt/Conax/Nagravision 3/Videoguard		
	Wide	EuroNews	TV	DVB-S	3/4	27.500	Betacrypt/Conax/Nagravision 3/Videoguard	German,English,French,Portuguese,Russian,Spanish,Italian	
	Wide	Samanyolu TV Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish	
	Wide	EuroStar	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish	
	Wide	RTR Planeta	TV	DVB-S	3/4	27.500	Conax/Videoguard	Russian	
	Wide	Marco Polo TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German	
Wide	Perviy kanal Europa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Russian		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Stingray Lite TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
	Wide	Kinowelt TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
	Wide	Bon Gusto	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
	Wide	Animax Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
12.149	V Wide	unknown	package	DVB-S2	2/3	27.500	Viaccess 2.5/Videoguard	
	Wide	Nerit Ena	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Vouli Tileorasi	TV	DVB-S2	2/3	27.500		Greek
	Wide	4E	TV	DVB-S2	2/3	27.500		Greek
	Wide	Ant1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Extreme Sports Channel	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Channel 9	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Discovery Channel Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Nat Geo Wild Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Kosmos	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Fashion TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	World Fashion Channel International	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Ant1 Europe	TV	DVB-S2	2/3	27.500	Viaccess 2.5	Greek
	Wide	Baby TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	EuroNews	TV	DVB-S2	2/3	27.500	Videoguard	English,French
	Wide	RT English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	DW Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Al Jazeera English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Sundance Channel Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
12.207	H Wide	AustriaSat Magyarország	package	DVB-S	3/4	27.500		
	Wide	M1	TV	DVB-S	3/4	Y 27.500	Conax	Hungarian
	Wide	M2	TV	DVB-S	3/4	Y 27.500	Conax	Hungarian
	Wide	M3	TV	DVB-S	3/4	27.500	Conax	Hungarian
	Wide	M1	TV	DVB-S	3/4	Y 27.500		Hungarian
	Wide	M2	TV	DVB-S	3/4	Y 27.500		Hungarian
	Wide	Duna TV	TV	DVB-S	3/4	Y 27.500		Hungarian
	Wide	Duna World	TV	DVB-S	3/4	Y 27.500		Hungarian
	Wide	Kossuth Rádió	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Petőfi Rádió	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Bartók Rádió	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Nemzetiségi adások	radio	DVB-S	3/4	27.500		
	Wide	Parlamenti adások	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Duna World Rádió	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Dankó Rádió	radio	DVB-S	3/4	27.500		Hungarian
	Wide	Magyar Katolikus Rádió	radio	DVB-S	3/4	27.500		Hungarian
12.226	V Wide	OTE TV	package	DVB-S2	2/3	27.500	Videoguard	
	Wide	I-concerts	TV	DVB-S2	2/3	27.500	Videoguard	
	Wide	Fox Life Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Fox Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Motorvision TV	TV	DVB-S2	2/3	27.500	Videoguard	German
	Wide	Eurosport 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	VH1 Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	C Music TV	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Disney Channel Middle East	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	OTE Sport Highlights	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	CNBC Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	BBC World News Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Hustler TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Eurosport	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	Mezzo	TV	DVB-S2	2/3	27.500	Videoguard	French
	Wide	National Geographic Channel Ellada	TV	DVB-S2	2/3	27.500	Videoguard	Greek
12.265	V Wide	OTE TV	package	DVB-S2	2/3	27.500	Videoguard	
	Wide	Sirina TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Extra	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	OTE Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	SBC TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	OTE Cinema on demand 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Kriti TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	OTE Cinema on demand 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	OTE Cinema on demand 3	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Makedonia TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Epsilon TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	OTE Cinema 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	History Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	OTE Sport 4	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	MTV Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Mad Hits	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Kontra Channel	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Penthouse HD 1	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	TV 100	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Star Kentrikis Elladas	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Blue Hustler Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
12.284	H Wide	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	RTL Nitro Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
12.322	H Wide	KabelKiosk	package	DVB-S	3/4	27.500	Conax/Videoguard	
	Wide	Show Turk	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	NTV Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	Kanal 7 Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	Euro D	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	ATV Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	Rai 1	TV	DVB-S	3/4	Y 27.500	Conax/Videoguard	Italian
	Wide	Mediaset Italia	TV	DVB-S	3/4	27.500	Conax/Videoguard	Italian
	Wide	Rai 3 Sat	TV	DVB-S	3/4	Y 27.500	Conax/Videoguard	Italian
	Wide	TVP Polonia	TV	DVB-S	3/4	Y 27.500	Conax/Videoguard	Polish
	Wide	TRT Türk	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
	Wide	RadyoTürk de	radio	DVB-S	3/4	27.500	Conax/Videoguard	Turkish
12.360	H Wide	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Viaccess 4.0/Videoguard	
	Wide	Auto Motor und Sport	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,Bulgarian,Czech
	Wide	C Music TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Lust Pur	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	Blue Hustler Europe	TV	DVB-S2	2/3	27.500	Conax/Viaccess 4.0/Videoguard	German
	Wide	Spiegel TV Wissen	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	History Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Travel Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	ITVN Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	Polish
	Wide	AXN Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Animal Planet Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
12.380	V Wide	unknown	package	DVB-S2	2/3	27.500	Videoguard/BISS	
	Wide	Delta TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Blue Sky TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Epirus TV 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Village Cinemas	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Diktyo TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Disney Junior Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	Luxe TV	TV	DVB-S2	2/3	27.500	Videoguard	French
	Wide	Travel Channel HD Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	TLC Balkan	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	AB Channel	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Body in Balance Greece	TV	DVB-S2	2/3	27.500	Videoguard	German
	Wide	Animal Planet HD	TV	DVB-S2	2/3	27.500	Videoguard	Russian
	Wide	Mad TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Odie TV	TV	DVB-S2	2/3	27.500	BISS	Greek
	Wide	Art TV	TV	DVB-S2	2/3	27.500		Greek
	Wide	Disney XD Hellas	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	France 24 English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	France 24 Français	TV	DVB-S2	2/3	27.500	Videoguard	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Nickelodeon HD	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Best TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Corfu TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Aigao TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	E! Europe	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Peiraiki Ekklesia 91.2 FM	radio	DVB-S2	2/3	27.500		Greek
	Wide	Athina 9.84 FM	radio	DVB-S2	2/3	27.500		Greek
	Wide	Oichalia Radio	radio	DVB-S2	2/3	27.500		Greek
12.399	H Wide	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	13th Street Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Syfy Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	A&E Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Silverline Movie Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	TNT Film	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Cartoon Network Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	National Geographic Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Fuel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
	Wide	Boomerang Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
12.418	V Wide	OTE TV	package	DVB-S2	2/3	27.500	Videoguard	
	Wide	OTE Sport 6	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	Village Cinemas	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	OTE Cinema on demand HD	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Nerit HD	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Wide	Investigation Discovery Xtra	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	OTE Sport 5	TV	DVB-S2	2/3	27.500	Videoguard	Greek,English
	Wide	Discovery Science Channel	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	National Geographic Channel HD Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
12.437	H Wide	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Fix & Foxi	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,Bulgarian,Romanian
	Wide	Romance TV Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	E! Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English
	Wide	Sportdigital TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	MTV Germany	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	Eurosport 2 Germany	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Wide	Gute Laune TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	Discovery Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Wide	Nick Jr Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English,French,Spanish,Russian,Turkish,Swedish,Danish,Norwegian,Finnish
	Wide	VH1 Classic Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
	Wide	Fox Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,English

EUTELSAT KA-SAT 9A

20.185	L	Ireland	2RN	package	DVB-S2	2/3	25.000	
		Ireland	RTÉ One	TV	DVB-S2	2/3	25.000	English
		Ireland	RTÉ 2	TV	DVB-S2	2/3	25.000	English
		Ireland	RTÉ News Now	TV	DVB-S2	2/3	25.000	English
		Ireland	TG 4	TV	DVB-S2	2/3	25.000	Irish
		Ireland	RTÉ Jr	TV	DVB-S2	2/3	25.000	English
		Ireland	RTÉ One +1	TV	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Radio 1	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Radio 2 FM	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Lyric FM	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Raidió na Gaeltachta	radio	DVB-S2	2/3	25.000	Irish
		Ireland	RTÉ Radio 1 Extra	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Pulse	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ 2XM	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Gold	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Jr Radio	radio	DVB-S2	2/3	25.000	English
		Ireland	RTÉ Chill	radio	DVB-S2	2/3	25.000	English

EUTELSAT 10A

3.649	L	C	Chinese mux	package	DVB-S2	2/3	20.160	Unitend
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Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Phoenix Chinese Channel	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	Beijing TV	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	Anhui TV	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	Zhejiang TV	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	CCTV 2	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	Shenzhen Satellite TV	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	CCTV 1	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	CCTV 13	TV	DVB-S2	2/3	20.160	Unitend	Chinese
	C	CCTV 5	TV	DVB-S2	2/3	20.160	Unitend	Chinese
3.708	L C	TCV Internacional	TV	DVB-S2	5/6	1.002		Portuguese
3.721	R C	Ugandan mux	package	DVB-S2	5/6	3.303		
	C	NTV Uganda	TV	DVB-S2	5/6	3.303		English
	C	UBC TV	TV	DVB-S2	5/6	3.303		
	C	NBS TV	TV	DVB-S2	5/6	3.303		Swahili
	C	Bukedde TV 1	TV	DVB-S2	5/6	3.303		
3.729	R C	StarTimes TV	package	DVB-S2	5/6	10.321		
	C	GBS	TV	DVB-S2	5/6	10.321		English
	C	NTV	TV	DVB-S2	5/6	10.321		English
	C	KTN	TV	DVB-S2	5/6	10.321		English
	C	K24	TV	DVB-S2	5/6	10.321		English
	C	StarTimes TV promo	TV	DVB-S2	5/6	10.321		English
	C	KBC Channel 1	TV	DVB-S2	5/6	10.321		English
	C	God TV Africa	TV	DVB-S2	5/6	10.321		English
	C	Sayare TV	TV	DVB-S2	5/6	10.321		English
	C	Triple P	TV	DVB-S2	5/6	10.321		English
	C	QTV	TV	DVB-S2	5/6	10.321		Swahili
	C	3 Stones	TV	DVB-S2	5/6	10.321		English
	C	Star Movies 1 +2	TV	DVB-S2	5/6	10.321		English
	C	Star One	TV	DVB-S2	5/6	10.321		English
	C	Star Africa 2	TV	DVB-S2	5/6	10.321		English
	C	Times TV	TV	DVB-S2	5/6	10.321		English
	C	Citizen TV	TV	DVB-S2	5/6	10.321		English
3.741	R C	StarTimes TV	package	DVB-S2	5/6	10.114	Conax	
	C	Orisun TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Awa TV	TV	DVB-S2	5/6	10.114	Conax	
	C	Galaxy TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	African Movie Channel	TV	DVB-S2	5/6	10.114	Conax	English
	C	Channels TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Silverbird TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Wap TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Dove TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Get TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	StarTimes TV Guide	TV	DVB-S2	5/6	10.114	Conax	English
	C	Oodua TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Nigezie	TV	DVB-S2	5/6	10.114		English
	C	TVC News	TV	DVB-S2	5/6	10.114	Conax	English
	C	StarTimes TV Guide	TV	DVB-S2	5/6	10.114	Conax	English
	C	OH TV Africa	TV	DVB-S2	5/6	10.114	Conax	English
	C	Iqraa Africa & Europe	TV	DVB-S2	5/6	10.114	Conax	English
	C	Wazobia TV	TV	DVB-S2	5/6	10.114	Conax	English
	C	Cool TV	TV	DVB-S2	5/6	10.114	Conax	English
3.759	R C	StarTimes TV	package	DVB-S2	5/6	19.816	Conax	
	C	MTV Base Africa	TV	DVB-S2	5/6	19.816	Conax	English
	C	Voxafrica Afrique	TV	DVB-S2	5/6	19.816	Conax	
	C	France 24 English	TV	DVB-S2	5/6	19.816	Conax	English
	C	France 24 Français	TV	DVB-S2	5/6	19.816	Conax	French
	C	NTA ETV	TV	DVB-S2	5/6	19.816	Conax	English
	C	Africa 24	TV	DVB-S2	5/6	19.816	Conax	French
	C	NTA Entertainment	TV	DVB-S2	5/6	19.816	Conax	English
	C	CCTV 9 Documentary	TV	DVB-S2	5/6	19.816	Conax	English
	C	NTA News 24	TV	DVB-S2	5/6	19.816	Conax	English
	C	NTA Sports 24	TV	DVB-S2	5/6	19.816	Conax	English
	C	Farin Wata	TV	DVB-S2	5/6	19.816	Conax	Hausa
	C	Fine Living	TV	DVB-S2	5/6	19.816	Conax	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Smile of a Child TV	TV	DVB-S2	5/6	19.816		English
	C	CCTV News	TV	DVB-S2	5/6	19.816		English
	C	Dove TV	TV	DVB-S2	5/6	19.816	Conax	English
	C	FX Africa	TV	DVB-S2	5/6	19.816	Conax	English
	C	NTA Language	TV	DVB-S2	5/6	19.816	Conax	English
	C	Channels TV	TV	DVB-S2	5/6	19.816	Conax	English
	C	NTA Hausa	TV	DVB-S2	5/6	19.816	Conax	Hausa
	C	NTA Yoruba	TV	DVB-S2	5/6	19.816	Conax	
	C	TBN Namibia	TV	DVB-S2	5/6	19.816		English
	C	AIT National	TV	DVB-S2	5/6	19.816	Conax	English
	C	JimJam Europe	TV	DVB-S2	5/6	19.816	Conax	English
	C	C Music TV	TV	DVB-S2	5/6	19.816	Conax	
	C	CCTV Français	TV	DVB-S2	5/6	19.816	Conax	French
	C	Sunna TV	TV	DVB-S2	5/6	19.816	Conax	
	C	Fox Sports 2 Africa	TV	DVB-S2	5/6	19.816	Conax	English
	C	Dasamal TV Network	TV	DVB-S2	5/6	19.816	Conax	English
	C	CCTV 4 Europe	TV	DVB-S2	5/6	19.816	Conax	Chinese
	C	Africa Health TV	TV	DVB-S2	5/6	19.816	Conax	English
3.781	R C	StarTimes TV	package	DVB-S2	5/6	16.445	Conax	
	C	Star Chinese 2	TV	DVB-S2	5/6	16.445	Conax	Chinese
	C	Star Series E1	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star Novela E1	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star Series F1	TV	DVB-S2	5/6	16.445	Conax	French
	C	Star Novela F1	TV	DVB-S2	5/6	16.445	Conax	French
	C	StarTimes TV Guide	TV	DVB-S2	5/6	16.445		English
	C	Viasat Explore Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	Viasat Crime Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	Da Vinci Learning	TV	DVB-S2	5/6	16.445	Conax	English
	C	TV Imaan	TV	DVB-S2	5/6	16.445		
	C	Al Jazeera English	TV	DVB-S2	5/6	16.445	Conax	English
	C	BBC World News Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	TV Sibuka	TV	DVB-S2	5/6	16.445	Conax	
	C	Channel Ten	TV	DVB-S2	5/6	16.445	Conax	English
	C	TBC 1	TV	DVB-S2	5/6	16.445	Conax	
	C	Viasat Nature Africa	TV	DVB-S2	5/6	16.445	Videoguard	English
	C	Viasat History Africa	TV	DVB-S2	5/6	16.445	Videoguard	English
	C	E TV Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	TBC 2	TV	DVB-S2	5/6	16.445	Conax	
	C	Star Plus	TV	DVB-S2	5/6	16.445	Conax	Hindi
	C	Fox News Channel	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star Gold	TV	DVB-S2	5/6	16.445	Conax	Hindi
	C	Bloomberg TV Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	Fox Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star TV	TV	DVB-S2	5/6	16.445	Conax	English
	C	Viasat 1	TV	DVB-S2	5/6	16.445	Conax	English
	C	Emmanuel TV	TV	DVB-S2	5/6	16.445		English
	C	Pop Africa	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star Movies 1	TV	DVB-S2	5/6	16.445	Conax	English
	C	Star Africa 2	TV	DVB-S2	5/6	16.445	Conax	
3.827	R C	NW Sport 1	TV	DVB-S2	3/4	3.080		
3.837	R C	Sunna TV	TV	DVB-S2	3/4	1.185		French
3.839	R C	Canal 3 Monde	TV	DVB-S2	3/4	1.185		French
3.956	R C	Sayare TV	TV	DVB-S	2/3	1.500		English
4.039	R C	TVT International	package	DVB-S2	3/4	2.222		
	C	TVT International	TV	DVB-S2	3/4	2.222		French
	C	TVT International	TV	DVB-S2	3/4	2.222		French
10.747	V Wide	STV Noticias	TV	DVB-S2	9/10	4.000		Portuguese
	Wide	TLN Network	TV	DVB-S2	9/10	4.000		Portuguese
10.756	V Wide	TV Zimbo	TV	DVB-S	7/8	2.480		Portuguese
10.832	V Wide	unknown	package	DVB-S2	5/6	8.876	Conax	
	Wide	Record Europa	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	RTP Internacional Europa	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	RTP África	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	TVM 2	TV	DVB-S2	5/6	8.876	Conax	Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	TIM	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	Record Mozambique	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	Gungu TV	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	AMC Portugal	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	Soico TV	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	Top TV	TV	DVB-S2	5/6	8.876	Conax	
	Wide	TVI 24	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	TVI Internacional	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	Afro Music Channel	TV	DVB-S2	5/6	8.876	Conax	Portuguese
	Wide	TVM 1	TV	DVB-S2	5/6	8.876		Portuguese
	Wide	ITV	TV	DVB-S2	5/6	8.876		Portuguese
10.840	V Wide	ORTC TV	TV	DVB-S	1/2	3.255		French
	Wide	ORTC Radio	radio	DVB-S	1/2	3.255		French
11.008	V Wide	Kurdistan TV	TV	DVB-S	3/4	2.963		Kurdish
11.182	H Wide	NourSat	package	DVB-S2	2/3	2.400		
	Wide	Nour El Shabeb	TV	DVB-S2	2/3	2.400		Arabic
	Wide	NourSat	TV	DVB-S2	2/3	2.400		Arabic
11.186	H Wide	Beladi Satellite TV	TV	DVB-S	5/6	2.667		Arabic
11.189	H Wide	Libya TV	TV	DVB-S	3/4	2.352		Arabic
11.193	H Wide	Alforat TV	TV	DVB-S2	3/4	2.880		Arabic
	Wide	Alforat FM	radio	DVB-S	3/4	2.880		Arabic
11.221	V Wide	BFBS	package	DVB-S2	5/6	30.000	Irdeto 2	
	Wide	BBC One	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BBC Two	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	ITV	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Extra	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Sky Sports 1 UK	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Sky Sports 2 UK	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Sport	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Sky News UK	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Forces TV	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BBC One Delay	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BBC Two Delay	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	ITV Delay	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Extra Delay	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Movies	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Sky Sports 3 UK	TV	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Nepali TV	TV	DVB-S2	5/6	30.000		Nepali
	Wide	BFBS Radio Afghanistan	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Cyprus	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio UK Bases	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio 2	radio	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Radio Germany	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Unwind	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio UK DAB	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Northern Ireland	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Navy	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Beats	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Gurkha Radio	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Dirt	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Rewind	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Shamishran	radio	DVB-S2	5/6	30.000		
	Wide	BBC World Service English	radio	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	Fun Kids	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio Gibraltar	radio	DVB-S2	5/6	30.000		English
	Wide	TalkSport	radio	DVB-S2	5/6	30.000	Irdeto 2	English
	Wide	BFBS Gurkha Radio	radio	DVB-S2	5/6	30.000		
11.346	H Wide	Belgium Satellite Services	package	DVB-S	3/4	27.500	BISS	
	Wide	Ek Ehsas	TV	DVB-S	3/4	27.500	BISS	
	Wide	Ettounsia TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Athavan TV	TV	DVB-S	3/4	27.500	BISS	Tamil
11.419	H Wide	Al Jazeera	package	DVB-S2	5/6	11.814		
	Wide	Jeem TV	TV	DVB-S2	5/6	11.814		Arabic
	Wide	Baraem	TV	DVB-S2	5/6	11.814		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Jeem TV	TV	DVB-S2	5/6	11.814		English,Arabic
	Wide	Jeem TV Europe	TV	DVB-S2	5/6	11.814		Arabic
	Wide	Baraem Europe	TV	DVB-S2	5/6	11.814		Arabic
11.434	H Wide	Turf TV	TV	DVB-S2	3/5	10.098	Conax	English
11.483	V Wide	MUTV	TV	DVB-S2	5/6	4.000	BISS	English
11.547	H Wide	Thaqalayn TV	TV	DVB-S2	5/6	1.500		Arabic
11.554	V Wide	Al Rasheed TV	TV	DVB-S	5/6	3.700		Arabic
	Wide	Al Rasheed FM	radio	DVB-S	5/6	3.700		Arabic
11.584	H Africa	unknown	package	DVB-S2	3/4	9.875	Conax	
	Africa	Record Europa	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	RTP Internacional Europa	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	RTP África	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	TVM 2	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	TIM	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	Record Mozambique	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	Gungu TV	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	AMC Portugal	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	Soico TV	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	Top TV	TV	DVB-S2	3/4	9.875	Conax	
	Africa	TVI 24	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	TVI Internacional	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	Afro Music Channel	TV	DVB-S2	3/4	9.875	Conax	Portuguese
	Africa	TVM 1	TV	DVB-S2	3/4	9.875		Portuguese
	Africa	ITV	TV	DVB-S2	3/4	9.875	Conax	Portuguese
11.595	V Wide	HughesNet Europe	interactiv e	DVB-S2	2/3	30.000		
11.638	H Wide	MGM Channel	package	DVB-S	5/6	5.300	Irdeto 2/BISS	
	Wide	MGM Channel Russia	TV	DVB-S	5/6	5.300	Irdeto 2	English,Russian
	Wide	MGM Channel Middle East	TV	DVB-S	5/6	5.300	BISS	English
11.663	H Africa	Afro Music Channel	TV	DVB-S	3/4	5.540		Portuguese
11.676	H Africa	unknown	package	DVB-S	7/8	11.153		
	Africa	TV Zimbo	TV	DVB-S	7/8	11.153		Portuguese
12.512	H Wide	Al Adhwa TV	TV	DVB-S	3/4	1.447		Arabic
12.520	H Wide	Nabaa TV	TV	DVB-S2	5/6	1.100		Arabic
12.597	H Wide	Al Thabat TV	TV	DVB-S2	5/6	1.100		Arabic
12.599	H Wide	LuaLua TV	TV	DVB-S2	5/6	1.010		Arabic
12.637	V Wide	APTN	package	DVB-S2	2/3	18.400	Betacrypt	
	Wide	APTN Global Video Wire	TV	DVB-S2	2/3	18.400	Betacrypt	English
	Wide	APTN Direct	TV	DVB-S2	2/3	18.400	Betacrypt	English

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10.723	H Wide	Islam Channel	TV	DVB-S	3/4	29.900		English
	Wide	Farsi 1	TV	DVB-S	3/4	29.900		Farsi
	Wide	Al Waad Channel	TV	DVB-S	3/4	29.900		Arabic
	Wide	ESTV	TV	DVB-S	3/4	29.900		
	Wide	NPR Worldwide	radio	DVB-S	3/4	29.900		English
	Wide	Radio Voce della Speranza	radio	DVB-S	3/4	29.900		Italian
10.949	V Wide	GlobeCast	package	DVB-S	3/4	27.500		
	Wide	NourSat	TV	DVB-S	3/4	27.500		Arabic
	Wide	ITV	TV	DVB-S	3/4	27.500		Polish
	Wide	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Maaref TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	STS International	TV	DVB-S	3/4	27.500		Russian
	Wide	Dhamma Media Channel	TV	DVB-S	3/4	27.500		Thai
	Wide	Miracle	TV	DVB-S	3/4	27.500		Arabic
	Wide	Brazzers TV Europe	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 3.0	English
	Wide	Alforat TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al-Fady TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Cartoon Network Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	Polish,Hungarian,Romanian,English
	Wide	TCM Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	Polish,Hungarian,Romanian,English
	Wide	Sat 7 Pars	TV	DVB-S	3/4	27.500		Farsi
	Wide	Velayat TV Network	TV	DVB-S	3/4	27.500		Farsi
	Wide	RFI Persian	radio	DVB-S	3/4	27.500		French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
10.971	H Wide	SRG SSR	package	DVB-S2	2/3		29.700	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	
	Wide	SRF 1	TV	DVB-S2	2/3	Y	29.700	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	German
	Wide	SRF Zwei	TV	DVB-S2	2/3	Y	29.700	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	German
	Wide	RTS Un	TV	DVB-S2	2/3	Y	29.700	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	French
	Wide	RTS Deux	TV	DVB-S2	2/3	Y	29.700	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	French
11.471	V Wide	SatLink	package	DVB-S	5/6		27.500		
	Wide	EBC	TV	DVB-S	5/6		27.500		Amharic
	Wide	Colombo TV	TV	DVB-S	5/6		27.500		Sinhalese
	Wide	Liberation TV	TV	DVB-S	5/6		27.500		English
	Wide	Kalsan TV	TV	DVB-S	5/6		27.500		Somali
	Wide	Nick Jr Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Russian,Polish,English,Hungarian
	Wide	Nickelodeon HD	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	English,English,Polish,Russian
	Wide	5 Sat	TV	DVB-S	5/6		27.500		Italian
	Wide	Reteconomy	TV	DVB-S	5/6		27.500		Italian
	Wide	I24 News English	TV	DVB-S	5/6		27.500		English
	Wide	I24 News Arabic	TV	DVB-S	5/6		27.500		English
	Wide	Sri TV	TV	DVB-S	5/6		27.500		Sinhalese
	Wide	Paramount Channel Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	TVA Vicenza	TV	DVB-S	5/6		27.500		Italian
	Wide	Somali National TV	TV	DVB-S	5/6		27.500		Somali
	Wide	Payam-e-Doost	radio	DVB-S	5/6		27.500		Farsi
11.541	V Wide	M-Three satcom	package	DVB-S	5/6		22.000		
	Wide	La 7	TV	DVB-S	5/6		22.000	Nagravision 3	Italian
	Wide	QVC Italia	TV	DVB-S	5/6		22.000		Italian
	Wide	Das Erste	TV	DVB-S	5/6	Y	22.000		German
	Wide	90 numeri sat	TV	DVB-S	5/6		22.000		Italian
	Wide	MTV Italia	TV	DVB-S	5/6		22.000	Nagravision 3/Videoguard	Italian
	Wide	HSE 24 Italia	TV	DVB-S	5/6		22.000		Italian
	Wide	Deejay TV	TV	DVB-S	5/6		22.000	Nagravision 3/Videoguard	Italian
	Wide	DMAX Italia	TV	DVB-S	5/6		22.000		Italian
	Wide	Easy Baby	TV	DVB-S	5/6		22.000		Italian
	Wide	La Sposa	TV	DVB-S	5/6		22.000		Italian
	Wide	MC 2	radio	DVB-S	5/6		22.000		Italian
	Wide	Virgin Radio Italia	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Buon Consiglio	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Sportiva	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Kiss Kiss	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Italia	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Sacra Famiglia InBlu	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio 24	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Onda d'Urto	radio	DVB-S	5/6		22.000		Italian
	Wide	R101	radio	DVB-S	5/6		22.000		Italian
	Wide	DiscoRadio	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Deejay	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Capital	radio	DVB-S	5/6		22.000		Italian
	Wide	M2o	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Iglesias	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Mater	radio	DVB-S	5/6		22.000		Italian
	Wide	RTL 102.5 FM	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Popolare	radio	DVB-S	5/6		22.000		Italian
	Wide	Radio Ibiza	radio	DVB-S	5/6		22.000		Italian
	Wide	NKWA Radio	radio	DVB-S	5/6		22.000		Italian
11.566	H Wide	Overon	package	DVB-S	3/4		27.500		
	Wide	TBN Europe	TV	DVB-S	3/4		27.500		English
	Wide	Life TV	TV	DVB-S	3/4		27.500		Russian
	Wide	TCI	TV	DVB-S	3/4		27.500		Italian
	Wide	The Church Channel	TV	DVB-S	3/4		27.500		English
	Wide	Juce TV	TV	DVB-S	3/4		27.500		English
	Wide	Al Horreya TV	TV	DVB-S	3/4		27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	TBN Rossiya	TV	DVB-S	3/4	27.500		Russian
	Wide	Smile of a Child TV	TV	DVB-S	3/4	27.500		English
	Wide	Nejat TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Ulibka Rebyonka	TV	DVB-S	3/4	27.500		Russian
	Wide	Iran e Aryaee TV	TV	DVB-S	3/4	27.500		Farsi
11.604	H Wide	Media Broadcast	package	DVB-S	5/6	27.500		
	Wide	DW Europe	TV	DVB-S	5/6	Y 27.500		English
	Wide	4 Sem TV	TV	DVB-S	5/6	27.500		
	Wide	DD India	TV	DVB-S	5/6	27.500		Hindi
	Wide	TV Rus	TV	DVB-S	5/6	27.500		Russian
	Wide	Juwelo Italia	TV	DVB-S	5/6	27.500		Italian
	Wide	DW-Radio 5	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio 8	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio 9	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio FM 1	radio	DVB-S	5/6	27.500		
11.727	V Wide	TSA	package	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	
	Wide	SCT promo	TV	DVB-S	3/4	27.500		Italian
	Wide	SCT HD	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Sexy Sat 2	TV	DVB-S	3/4	27.500		
	Wide	Sexy Sat 4	TV	DVB-S	3/4	27.500		
	Wide	Telesur	TV	DVB-S	3/4	27.500		Spanish
	Wide	Teleitalia TV promo	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Privee TV	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Boy & Boy	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Sexto Senso	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	SCT HQ	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Pink' o TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Videoguard	Italian
	Wide	Exotica TV	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
	Wide	Record Américas	TV	DVB-S	3/4	27.500		Portuguese
11.785	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Atlantic HD	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	National Geographic Channel HD Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Fox Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Fox Crime Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Napoli Mia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Crime + Investigation Network Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 20	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Uno +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
11.823	H Wide	Nova	package	DVB-S	3/4	27.500	Irdeto 2	
	Wide	Nova Cinema 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Novasports 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
	Wide	Mega TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
	Wide	Ant1	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
	Wide	Alpha TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
	Wide	Star Channel	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
	Wide	Nerit Ena	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Novasports 7	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
	Wide	Disney XD Hellas	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
	Wide	Makedonia TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
	Wide	SKAĪ Tileorasi	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Nerit Plus	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Ecclesia Radio	radio	DVB-S	3/4	27.500		Greek
	Wide	SKAĪ 100.3 FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Melodia FM 99.2	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Love Radio 97.5	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Nerit Proto	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
	Wide	Nerit Trito	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
11.843	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Fox Sports Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport Plus	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Calcio 8	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Max +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Calcio 7	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 3	TV	DVB-S2	3/4	29.900	Videoguard	Italian
11.862	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Meteo 24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Real Time	TV	DVB-S	5/6	29.900		Italian
	Wide	Sky TG 24 mosaico	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky TG 24 Primo Piano	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky TG 24 Rassegne	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky TG 24 Eventi	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Caccia e Pesca +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Doctor's Life Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky TG 24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Poker Italia 24	TV	DVB-S	5/6	29.900	Videoguard	Italian
11.881	V Wide	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
	Wide	National Geographic Channel Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Giallo	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Focus	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	DMAX Italia +1	TV	DVB-S	3/4	27.500		Italian
11.900	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Uno	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport F1 HD	TV	DVB-S2	3/4	29.900	Videoguard	Italian
11.938	H Wide	Nova	package	DVB-S2	3/4	27.500	Irdeto 2	
	Wide	History Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Wide	Nova Cinema 3	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Mad Greeks	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Novasports 24 HD	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Novasports 6	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek,English
	Wide	E! Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Wide	Disney Channel Middle East	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek,English
	Wide	Novasports 3	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek,English
	Wide	Fox Life Greece	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Fox Greece	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek,English
	Wide	Playboy TV UK	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Wide	Nerit HD	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Nova Cinema 2	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
	Wide	Nova games	interactiv e	DVB-S2	3/4	27.500	Irdeto 2	
	Wide	Novascope	interactiv e	DVB-S2	3/4	27.500	Irdeto 2	
	Wide	Mad Radio 106.2	radio	DVB-S2	3/4	27.500	Irdeto 2	Greek
11.958	V Wide	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport Moto GP HD	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport 1	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport 2	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky SuperCalcio	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Active 1	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Active 2	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Uno +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport 24	TV	DVB-S	3/4	27.500	Videoguard	Italian
11.977	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox News Channel	TV	DVB-S	5/6	29.900	Videoguard	English
	Wide	Roma TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky News International	TV	DVB-S	5/6	29.900	Videoguard	English
	Wide	Lazio Style TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Vetrina Primafila	TV	DVB-S	5/6	29.900	Videoguard	Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Nat Geo Wild Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Life Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Cult	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Crime Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Gambero Rosso Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	The History Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
11.996	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport 2	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Discovery Science Channel	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Comedy	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Classics	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport 24	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sportitalia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Arte HD	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.015	H Wide	Jordan Media City	package	DVB-S	3/4	27.500		
	Wide	Jordan Media City promo	TV	DVB-S	3/4	27.500		
	Wide	TRT Belgesel	TV	DVB-S	3/4	Y 27.500		Turkish,English
	Wide	Yemen TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Iqraa Arabic	TV	DVB-S	3/4	27.500		Arabic
	Wide	RT D	TV	DVB-S	3/4	27.500		English
	Wide	Radio Sana'a	radio	DVB-S	3/4	27.500		Arabic
	Wide	Aden Radio	radio	DVB-S	3/4	27.500		Arabic
	Wide	Saudia Radio	radio	DVB-S	3/4	27.500		
	Wide	TSR	radio	DVB-S	3/4	27.500		Turkish
	Wide	TRT FM	radio	DVB-S	3/4	27.500		Turkish
	Wide	Voice of Turkey World	radio	DVB-S	3/4	27.500		
	Wide	Jeddah Radio	radio	DVB-S	3/4	27.500		Arabic
12.034	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Nagravision 3/Videoguard	
	Wide	Sky Cinema 1	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	AXN Sci-Fi Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Family	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema +24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Classics	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Cielo	TV	DVB-S	5/6	29.900	Nagravision 3/Videoguard	Italian
	Wide	Disney Channel Italia +2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Max	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Disney Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Discovery Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Passion	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Disney Junior Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	AXN Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	TV 2000	TV	DVB-S	5/6	29.900	Nagravision 3/Videoguard	Italian
	Wide	Radio InBlu	radio	DVB-S	5/6	29.900		Italian
	Wide	Vatican Radio 105 FM	radio	DVB-S	5/6	29.900		Italian
12.054	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Eurosport Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	MTV Rocks	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	MTV Hits Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 20	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 3	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Max +1	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Uno	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Hits	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Comedy	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Mosaico Sky Cinema	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	La Nuova TV	TV	DVB-S	5/6	29.900		Italian
	Wide	Fox Sports Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.073	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 13	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 11	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Eurosport 2 Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Sky Primafila 9	TV	DVB-S	5/6		29.900	Videoguard	Italian,Italian
	Wide	CNN International Europe	TV	DVB-S	5/6		29.900	Videoguard	English
	Wide	Sky Primafila 7	TV	DVB-S	5/6		29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 5	TV	DVB-S	5/6		29.900	Videoguard	Italian,Italian
	Wide	Sky Calcio 2	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 3	TV	DVB-S	5/6		29.900	Videoguard	Italian,Italian
	Wide	Sky Calcio 3	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Calcio 4	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Calcio 5	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Calcio 6	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Calcio 7	TV	DVB-S	5/6		29.900	Videoguard	Italian
12.092	H Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Sky TG 24	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Arte Channel	TV	DVB-S2	3/4		29.900		Italian
	Wide	Sender Neu Jerusalem	TV	DVB-S2	3/4		29.900		German
	Wide	Gambero Rosso Channel	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Fox Life Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	The History Channel Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Nat Geo People	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Nat Geo Wild Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Cult	TV	DVB-S2	3/4		29.900	Videoguard	Italian
12.130	H Wide	Nova	package	DVB-S2	3/4		27.500	Irdeto 2	
	Wide	National Geographic Channel HD Europe	TV	DVB-S2	3/4		27.500	Irdeto 2	English
	Wide	Discovery HD Showcase	TV	DVB-S2	3/4		27.500	Irdeto 2	English
	Wide	Nova 3D	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Novasports 2	TV	DVB-S2	3/4		27.500	Irdeto 2	English,Greek
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4		27.500	Irdeto 2	English
	Wide	Novasports HD	TV	DVB-S2	3/4		27.500	Irdeto 2	English,Greek
	Wide	Nova Cinema 1	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
12.149	V Wide	Eutelsat	package	DVB-S	3/4		27.500		
	Wide	TV Tunisia 1	TV	DVB-S	3/4	Y	27.500		Arabic
	Wide	Kazakh TV	TV	DVB-S	3/4		27.500		Kazakh
	Wide	Lider TV	TV	DVB-S	3/4		27.500		Azerbaijan
	Wide	CCTV 4 Europe	TV	DVB-S	3/4		27.500		Chinese
	Wide	RTV	TV	DVB-S	3/4		27.500		Italian
	Wide	Bahrain International	TV	DVB-S	3/4		27.500		Arabic
	Wide	BBC Persian	TV	DVB-S	3/4		27.500		Farsi
	Wide	Bethel TV	TV	DVB-S	3/4		27.500		Spanish
	Wide	Kurdistan TV	TV	DVB-S	3/4		27.500		Kurdish
	Wide	People TV	TV	DVB-S	3/4		27.500		Italian
	Wide	CNC English	TV	DVB-S	3/4		27.500		English
	Wide	Radio Nationale	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Tunis Chaîne Internationale	radio	DVB-S	3/4		27.500		
	Wide	Lider Jazz Radio	radio	DVB-S	3/4		27.500		Azerbaijan
12.169	H Wide	Nova	package	DVB-S2	3/4		27.500	Irdeto 2	
	Wide	Discovery Channel Europe	TV	DVB-S2	3/4		27.500	Irdeto 2	English
	Wide	Novasports 2	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek,English
	Wide	Novasports Extra 1	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Motors TV	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Novasports 4	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek,English
	Wide	Vouli Tileorasi	TV	DVB-S2	3/4		27.500		Greek
	Wide	Mad TV	TV	DVB-S2	3/4	Y	27.500	Irdeto 2	Greek
	Wide	MTV Greece	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Nova Cinema 4	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Travel Channel Europe	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Kontra Channel	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Novalife	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	National Geographic Channel Ellada	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Action 24	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Nickelodeon Greece	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	VH1 Europe	TV	DVB-S2	3/4		27.500	Irdeto 2	English
	Wide	Animal Planet Africa	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Epsilon TV	TV	DVB-S2	3/4		27.500	Irdeto 2	Greek

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Real FM	radio	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Vima FM 99.5	radio	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	NovaSpor FM	radio	DVB-S2	3/4		27.500	Irdeto 2	Greek
	Wide	Sport 24 Radio 103.3	radio	DVB-S2	3/4		27.500	Irdeto 2	Greek
12.188	V Wide	Cyfrowy Polsat	package	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
	Wide	Fox Comedy Polska	TV	DVB-S	5/6		27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	FightBox HD	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Extreme Sports Channel	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Disney Channel Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Disney XD Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Nat Geo Wild Europe	TV	DVB-S	5/6		27.500	Mediaguard 2/Nagravision 3	Polish,English
	Wide	Discovery Channel Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	AXN Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Eurosport Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
	Wide	Disco Polo Music	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Viasat Nature Polska	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	AXN Black Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	AXN White Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat Romans	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Viasat Explore Polska	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Viasat History Polska	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
12.207	H Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Discovery Channel Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Cielo	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Disney Channel Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Eurosport 2 Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian,English
	Wide	Sky 3D	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Classica HD	TV	DVB-S2	3/4		29.900	Videoguard	Italian
12.226	V Wide	VoA	package	DVB-S	3/4		27.500		
	Wide	Alhurra TV Europe	TV	DVB-S	3/4		27.500		Arabic
	Wide	Azadliq Radiosu TV	TV	DVB-S	3/4		27.500		Azerbaijan
	Wide	VoA TV Persian	TV	DVB-S	3/4		27.500		Farsi
	Wide	VoA TV Europe	TV	DVB-S	3/4		27.500		
	Wide	American Embassy TV Network	TV	DVB-S	3/4		27.500		
	Wide	Radio Svoboda	radio	DVB-S	3/4		27.500		Russian
	Wide	Radio Svoboda Ukraina	radio	DVB-S	3/4		27.500		
	Wide	Ozodlik Radiosi	radio	DVB-S	3/4		27.500		
	Wide	Radio Svoboda	radio	DVB-S	3/4		27.500		
	Wide	Radio Tavisupleba	radio	DVB-S	3/4		27.500		
	Wide	Radio Azatutyun	radio	DVB-S	3/4		27.500		
	Wide	Deewa Radio	radio	DVB-S	3/4		27.500		
	Wide	Mashaal Radio	radio	DVB-S	3/4		27.500		
	Wide	Azattyk Unalgysy	radio	DVB-S	3/4		27.500		
	Wide	Ozodlik Radiosi	radio	DVB-S	3/4		27.500		
	Wide	Azadliq Radiosu	radio	DVB-S	3/4		27.500		
	Wide	Azatlyk Radiosy	radio	DVB-S	3/4		27.500		
	Wide	Azatliq Radiosi	radio	DVB-S	3/4		27.500		
	Wide	Radio Liberty North Caucasus	radio	DVB-S	3/4		27.500		
	Wide	Radio Europa Libera	radio	DVB-S	3/4		27.500		
	Wide	Radio Slobodna Evropa	radio	DVB-S	3/4		27.500		
	Wide	Radio Farda	radio	DVB-S	3/4		27.500		Farsi
	Wide	Radio Iraq Hurr	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4		27.500		Albanian
	Wide	Ekho Kavkaza	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Kirghiz

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Kirghiz
	Wide	VoA Eastern Europe	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	VoA Eastern Europe	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Russian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Ukrainian
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Armenian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Georgian
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Belarussian
	Wide	Radio Farda	radio	DVB-S	3/4		27.500		Farsi
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	VoA 1	radio	DVB-S	3/4		27.500		English
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4		27.500		Albanian
	Wide	VoA 1	radio	DVB-S	3/4		27.500		English
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Slobodna Evropa Makedonija	radio	DVB-S	3/4		27.500		Macedonian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Slobodna Evropa	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa Morocco	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Farda	radio	DVB-S	3/4		27.500		Farsi
	Wide	Radio Sawa Sudan	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa Lebanon	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa Levant	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa Iraq	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa Egypt	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa The Gulf	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Sawa North Africa	radio	DVB-S	3/4		27.500		Arabic
	Wide	VoA Africa Live	radio	DVB-S	3/4		27.500		English
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Urdu
12.265	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Polsat Sport Extra	TV	DVB-S2	3/4		27.500	Nagravision 3	Polish
	Wide	Polsat Sport HD	TV	DVB-S2	3/4		27.500	Nagravision 3	Polish
	Wide	HBO Polska	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Fox Comedy Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Polsat	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	AXN Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Cinemax 2 Central Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Fox Polska	TV	DVB-S2	3/4		27.500	Conax/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP 2	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	History Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English
12.284	H Wide	Cyfrowy Polsat	package	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	MTV Rocks	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Superstacja	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat Sport News	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	CBS Europa	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	ATM Rozrywka	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Polsat Food	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Boomerang Central & Eastern Europe	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Travel Channel Europe	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English,Russian
	Wide	Blue Hustler Europe	TV	DVB-S	5/6		27.500	Conax/Nagravision 3	English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	JimJam Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Disney Junior Türkiye & Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	TV 6	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Portal ITV	interactiv e	DVB-S	5/6		27.500		
	Wide	Pogoda	interactiv e	DVB-S	5/6		27.500		
	Wide	TV Banking	interactiv e	DVB-S	5/6		27.500		
	Wide	RMF Classic	radio	DVB-S	5/6		27.500		Polish
	Wide	Radio Zet	radio	DVB-S	5/6		27.500		Polish
	Wide	Polskie Radio Jedyńka	radio	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Polskie Radio Trójka	radio	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Muzo FM	radio	DVB-S	5/6		27.500		Polish
	Wide	RMF FM	radio	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	RMF Maxxx	radio	DVB-S	5/6		27.500		Polish
	Wide	Radio Zet Gold	radio	DVB-S	5/6		27.500		Polish
	Wide	Radio Złote Przeboje	radio	DVB-S	5/6		27.500		Polish
12.303	V Wide	Orange France	package	DVB-S2	3/4		27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	
	Wide	6ter	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Golf Channel France	TV	DVB-S2	3/4		27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	Game One	TV	DVB-S2	3/4		27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	HD1	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Numero 23	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	RMC Découverte HD 24	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Chérie 25	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Canal + France	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	L>Télé	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Equidia Live	TV	DVB-S2	3/4		27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	Baby TV Europe	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	OCS City	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	TCM Cinéma	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Disney Channel France	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Eurosport France	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
12.322	H Wide	Eutelsat	package	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 4.0/Videoguard	
	Wide	Rede Internacional de TV	TV	DVB-S	3/4		27.500		Portuguese
	Wide	RTV International Europe	TV	DVB-S	3/4		27.500	Conax/Viaccess 4.0/Videoguard	Russian
	Wide	Detski Mir	TV	DVB-S	3/4		27.500	Conax/Viaccess 4.0/Videoguard	Russian
	Wide	TeleKlub	TV	DVB-S	3/4		27.500	Conax/Viaccess 4.0/Videoguard	Russian
	Wide	Nashe Lubimoe Kino	TV	DVB-S	3/4		27.500	Conax/Viaccess 4.0/Videoguard	Russian
	Wide	PMC	TV	DVB-S	3/4		27.500		Farsi
	Wide	Shant TV	TV	DVB-S	3/4		27.500		Armenian
	Wide	TG Norba 24	TV	DVB-S	3/4		27.500		Italian
	Wide	Radionorba TV	TV	DVB-S	3/4		27.500		Italian
	Wide	Al Rafidain TV	TV	DVB-S	3/4		27.500		Arabic
	Wide	Dorcel TV	TV	DVB-S	3/4		27.500	Irdeto 2/Viaccess 3.0/Viaccess 4.0	French,German,English
12.341	V Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Sky Cinema 1	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Hits	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Max	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Calcio 3	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Calcio 4	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Primafila 9	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Primafila 11	TV	DVB-S2	3/4		29.900	Videoguard	Italian
12.360	H Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Sky SuperCalcio	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Discovery Travel & Living Italy	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema +24	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Passion	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Sport 3	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Family	TV	DVB-S2	3/4		29.900	Videoguard	Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
12.380	V Wide	MTV Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	V Wide	GlobeCast	package	DVB-S	3/4	27.500			
	Wide	Equidia Pro 2	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 4.0	French	
	Wide	Nabaa TV	TV	DVB-S	3/4	27.500		Arabic	
	Wide	Sat 7 Plus	TV	DVB-S	3/4	27.500		Arabic	
	Wide	Al-Iraqiya TV 2	TV	DVB-S	3/4	27.500		Arabic	
	Wide	Zahra TV	TV	DVB-S	3/4	27.500		Farsi	
	Wide	ERI TV	TV	DVB-S	3/4	27.500			
	Wide	Sunna TV	TV	DVB-S	3/4	27.500		Arabic	
	Wide	Al-Etejah Satellite Channel	TV	DVB-S	3/4	27.500		Arabic	
	Wide	CGN TV	TV	DVB-S	3/4	27.500		Korean	
	Wide	Equidia Pro 1	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 4.0	French,English	
	Wide	Emarat FM	radio	DVB-S	3/4	27.500		Arabic	
	Wide	RFI Français	radio	DVB-S	3/4	27.500		French	
	Wide	Sout Al Rayyan	radio	DVB-S	3/4	27.500		Arabic	
	Wide	Radio Zara FM	radio	DVB-S	3/4	27.500		Tigrinya	
	12.399	H Wide	SRG SSR	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	
Wide		SRF 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	German	
Wide		SRF Zwei	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	German	
Wide		RSI La 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	Italian,English	
Wide		SRF Info	TV	DVB-S	3/4	Y 27.500		German	
Wide		Radio SRF 1	radio	DVB-S	3/4	27.500		German	
Wide		Radio SRF 2 Kultur	radio	DVB-S	3/4	27.500		German	
Wide		Radio SRF 3	radio	DVB-S	3/4	27.500		German	
Wide		Radio SRF Virus	radio	DVB-S	3/4	27.500		German	
Wide		Radio SRF Musikwelle	radio	DVB-S	3/4	27.500		German	
Wide		Radio Rumantsch	radio	DVB-S	3/4	27.500		Romany	
Wide		Radio Swiss Classic	radio	DVB-S	3/4	27.500		German	
Wide		Radio Swiss Pop	radio	DVB-S	3/4	27.500		German	
Wide		Radio Swiss Jazz	radio	DVB-S	3/4	27.500		German	
Wide		Radio SRF 4 News	radio	DVB-S	3/4	27.500		German	
12.418		V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
		Wide	Sky Calcio 5	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Calcio 6	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Sky Primafila 7	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Sky Calcio 1	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Eurosport Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Sky Calcio 2	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Sky Primafila 5	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
12.437	H Wide	Sky Primafila 13	TV	DVB-S2	3/4	29.900	Videoguard	Italian	
	Wide	Quran TV	TV	DVB-S2	3/4	29.900		Farsi	
	Wide	Nasim	TV	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Iran	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Payam	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Javan	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Maaref	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Quran	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Farhang	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Salamat	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Varzesh	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Eghtesad	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Tehran	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Ava	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Fasli	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	COI Radio	radio	DVB-S2	3/4	29.900		English	
	Wide	Radio Alborz	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Ketab	radio	DVB-S2	3/4	29.900		Farsi	
	Wide	Radio Telavat	radio	DVB-S2	3/4	29.900		Farsi	
	12.466	V Wide	Radio Goftogoo	radio	DVB-S2	3/4	29.900		Farsi
V Wide		Sky Italia	package	DVB-S	5/6	29.900	Videoguard		
Wide		Sky Primafila 17	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Sky Primafila 16	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 18	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 19	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Calcio 8	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 15	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Sport Plus	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 9	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 10	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 11	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 12	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Calcio 13	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 1	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Calcio 14	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport F1 HD	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.476	H Wide	GlobeCast	package	DVB-S2	3/4	29.900		
	Wide	RT English	TV	DVB-S2	3/4	29.900		English
	Wide	RT D	TV	DVB-S2	3/4	29.900		English
	Wide	Super Tennis	TV	DVB-S2	3/4	29.900		Italian
	Wide	Telepace	TV	DVB-S2	3/4	29.900		Italian
	Wide	BBC Brit Polska	TV	DVB-S2	3/4	29.900	Conax/Mediaguard 2/Nagravision 3/Viaccess 5.0	Polish,English
	Wide	KBS World	TV	DVB-S2	3/4	29.900		Korean
	Wide	ARTE Français	TV	DVB-S2	3/4	29.900		French,German,English
	Wide	Abu Dhabi Al Oula Europe	TV	DVB-S2	3/4	29.900		Arabic
	Wide	Al Rayyan Satellite Channel	TV	DVB-S2	3/4	29.900		Arabic
	Wide	Radio Vaticana Telepace	radio	DVB-S2	3/4	29.900		
12.673	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 2	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Nickelodeon Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Comedy Central Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	AB Channel	TV	DVB-S	5/6	Y 29.900		Italian
	Wide	Sky Primafila 22	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 28	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Fox Business	TV	DVB-S	5/6	29.900	Videoguard	English
	Wide	Sky Primafila 4	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 6	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Sky Primafila 21	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Diva Universal Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio DeeJay	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	M2o	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio 105	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Virgin Radio Italia	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio Capital	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio Kiss Kiss	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	RTL 102.5 FM	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	R101	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio Italia	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio 24	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio Dimensione Suono	radio	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	RMC FM	radio	DVB-S	5/6	29.900	Videoguard	Italian

EUTELSAT HOT BIRD 13C

10.719	V Wide	NC+	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Planete + Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	MiniMini +	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	N Sport +	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	History Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
	Wide	Canal + »1	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Canal + Family Polska	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	HBO Polska	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	HBO 2 Polska	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	HBO Comedy Polska	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
10.758	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	VOD 150	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 151	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 152	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 153	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 154	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 155	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 156	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 157	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 158	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 159	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 160	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 161	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 162	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 163	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 164	TV	DVB-S2	3/4	27.500	Nagravision 3	
	Wide	VOD 166	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
	Wide	VOD 167	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
	Wide	Muzo TV	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Stopklatka TV	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	E! Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
	Wide	Da Vinci Learning	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
	Wide	CBS Action Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Fight Klub	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
	Wide	Love	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
	Wide	VOD Poleca	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
	Wide	TVP Rozrywka	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TV Republika	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	FilmBox Arthouse	TV	DVB-S2	3/4	27.500	Nagravision 3	Polish
10.775	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	DeA Kids +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Crime Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Life Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Nick Jr Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Animation	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Comedy Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	New TV	TV	DVB-S	5/6	29.900		Italian
	Wide	Viva l'Italia Channel	TV	DVB-S	5/6	29.900		Italian
	Wide	Italian Fishing TV	TV	DVB-S	5/6	29.900		Italian
	Wide	Fox Crime Italia +2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	The History Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	National Geographic Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Orler Channel	TV	DVB-S	5/6	29.900		Italian
	Wide	JimJam Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Work in Talent	TV	DVB-S	5/6	29.900		Italian
	Wide	La 8	TV	DVB-S	5/6	29.900		Italian
	Wide	Star Sat	TV	DVB-S	5/6	29.900		Italian
	Wide	Radio Radio	radio	DVB-S	5/6	29.900		Italian
10.796	V Wide	NC+	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Discovery Science Channel Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Discovery Turbo Xtra Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP Sport	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Cinemax 2 Central Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
	Wide	TVP Seriele	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	National Geographic Channel Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Orange sport Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	FilmBox Extra Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	FilmBox Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	FilmBox Family	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Czech,Hungarian
	Wide	FilmBox Action HD	TV	DVB-S	5/6		27.500	Mediaguard 2/Nagravision 3	Polish
10.892	H Wide	NC+	package	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Canal + Polska	TV	DVB-S	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Canal + Film	TV	DVB-S	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,Polish
	Wide	Canal + Seriale	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Kuchnia +	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Ale Kino +	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Teleton + HD Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Hyper +	TV	DVB-S	3/4		27.500	Mediaguard 2/Nagravision 3	Polish
	Wide	TVP 1	TV	DVB-S	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP 2	TV	DVB-S	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Canal + Sport Polska	TV	DVB-S	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Domo +	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Polskie Radio Czwórka	radio	DVB-S	3/4		27.500		Polish
	Wide	Polskie Radio Jedyńka	radio	DVB-S	3/4		27.500		Polish
	Wide	Polskie Radio Dwójka	radio	DVB-S	3/4		27.500		Polish
	Wide	Polskie Radio Trójka	radio	DVB-S	3/4		27.500		Polish
	Wide	Radio Zet Chill	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	Radio Tok FM	radio	DVB-S	3/4		27.500		Polish
	Wide	Planeta FM	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	Radio Zet	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	Muzo FM	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	Antyradio	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	RMF FM	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	RMF Classic	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	RMF Maxxx	radio	DVB-S	3/4		27.500	Mediaguard 2	Polish
	Wide	Radio Jasna Góra	radio	DVB-S	3/4		27.500		Polish
10.911	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
	Wide	Sundance Channel Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
	Wide	Polsat Film	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Stars TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	Universal Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	TLC Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	H2 Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Polsat News	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	Eurosport Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 4.0	Polish
	Wide	AXN Spin Poland	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Lifetime Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
10.930	H Wide	unknown	package	DVB-S2	2/3		30.000		
	Wide	Rai 2	TV	DVB-S2	2/3	Y	30.000	Nagravision 3	Italian,Italian
	Wide	90 numeri sat	TV	DVB-S2	2/3		30.000		Italian
	Wide	Rai 3	TV	DVB-S2	2/3	Y	30.000	Nagravision 3	Italian,Italian
11.158	V Wide	Cyfrowy Polsat	package	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Polsat	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat Play	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TV 4	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Polsat Sport	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Polsat Sport Extra	TV	DVB-S	5/6		27.500	Nagravision 3	Polish
	Wide	Polsat Café	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat News 2	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat Film	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat News	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Polsat 2	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
11.219	H Wide	Sky Italia	package	DVB-S	5/6		29.900	Videoguard	
	Wide	Disney Junior Italia +1	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Laeffe	TV	DVB-S	5/6		29.900	Nagravision 3/Videoguard	Italian
	Wide	Disney XD Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Cartoon Network Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Hip Hop TV	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Rock TV	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Caccia e Pesca	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Dove TV	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Lei	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Boomerang Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Deejay 50 Songs	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay '80	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay '90	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Hit Italia	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Italian Vintage	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Capital '70	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Vintage '60	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Vibe	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay 2000	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Heart 'n Song	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Dance	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Ritmo Latino	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Capital Livetime	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Capital Rock Classic	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Rock Shock	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	B-Side	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Jazz & Fusion	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Jazz Gold	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Soul Train	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Extra Beat	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Sinfonia	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Opera	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Cinema Deejay	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Baby Mix	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Disc Joker	radio	DVB-S	5/6		29.900	Videoguard	
11.240	V Wide	Eutelsat	package	DVB-S	3/4		27.500		
	Wide	France 24 Français	TV	DVB-S	3/4		27.500		French
	Wide	France 24 English	TV	DVB-S	3/4		27.500		English
	Wide	TV Canção Nova Portugal	TV	DVB-S	3/4		27.500		Portuguese
	Wide	Eurosport	TV	DVB-S	3/4	Y	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Spanish,Italian,Turkish,Serbian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/Videoguard	Italian,English,German,Russian,Dutch,Greek,Serbian,Portuguese,Turkish
	Wide	Thalitha TV	TV	DVB-S	3/4		27.500		Arabic
	Wide	Canal Algérie	TV	DVB-S	3/4		27.500		Arabic
	Wide	Zagros TV	TV	DVB-S	3/4		27.500		Kurdish
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Polish,Bulgarian,Serbian,Czech,Danish,Russian,Swedish,Hungarian,Romanian,Norwegian,Dutch

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
11.258	H Wide	NC+	package	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Canal + Sport 2	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	TVP HD	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Eurosport 2 North-East	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Danish,Serbian,English,Czech,Russian,Swedish,Hungarian,Romanian,Norwegian,Bulgarian,Dutch
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Animal Planet HD	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Cinemax Central Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Teletoon + HD Polska	TV	DVB-S2	3/4		27.500	Conax/Nagravision 3/Viaccess 3.0	Polish
	Wide	Hyper +	TV	DVB-S2	3/4		27.500	Conax/Nagravision 3/Viaccess 3.0	Polish
11.278	V Wide	NC+	package	DVB-S2	3/4		27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Videoguard	
	Wide	Canal + Polska	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Canal + Sport Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	National Geographic Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English
	Wide	MiniMini +	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	FilmBox HD	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian
	Wide	Eurosport	TV	DVB-S2	3/4		27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,German,Portuguese,Polish,Hungarian,Bulgarian,Italian,Romanian,Spanish,Serbian,Greek,Dutch
11.296	H Wide	Polish mux	package	DVB-S2	3/4		27.500		
	Wide	Mjuzik TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	TV Disco	TV	DVB-S2	3/4		27.500		Polish
	Wide	4 Fun TV	TV	DVB-S2	3/4		27.500		Polish
11.317	V Wide	Arqiva	package	DVB-S	3/4		27.500		
	Wide	Wesal Haq	TV	DVB-S	3/4		27.500		
	Wide	Rûdaw	TV	DVB-S	3/4		27.500		Kurdish
	Wide	RT English	TV	DVB-S	3/4		27.500		English
	Wide	Imam Hussein TV 3	TV	DVB-S	3/4		27.500		Farsi
	Wide	RT Arabic	TV	DVB-S	3/4		27.500		Arabic
	Wide	Imovie	TV	DVB-S	3/4		27.500		Farsi
	Wide	Tik TV	TV	DVB-S	3/4		27.500		Farsi
	Wide	Imam Hussein TV 1	TV	DVB-S	3/4		27.500		Farsi
	Wide	Baqi TV	TV	DVB-S	3/4		27.500		Farsi
	Wide	Al Hayat	TV	DVB-S	3/4		27.500		Arabic
	Wide	Family 1	TV	DVB-S	3/4		27.500		
	Wide	RTA	TV	DVB-S	3/4		27.500		Farsi
	Wide	Kanal Hayat	TV	DVB-S	3/4		27.500		Turkish
	Wide	Rûdaw FM	radio	DVB-S	3/4		27.500		Kurdish
11.334	H Wide	Arqiva	package	DVB-S	3/4		27.500		
	Wide	Universal Channel Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 4.0	Polish
	Wide	Sci Fi Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	Polish
	Wide	13 Ulica	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	Polish
	Wide	Alice	TV	DVB-S	3/4		27.500		Italian
	Wide	Leonardo	TV	DVB-S	3/4		27.500		Italian
	Wide	SBN International	TV	DVB-S	3/4		27.500		English
	Wide	Marcopolo	TV	DVB-S	3/4		27.500		Italian
	Wide	Nuvolari	TV	DVB-S	3/4		27.500		Italian
	Wide	Inspiration TV	TV	DVB-S	3/4		27.500		English
	Wide	KlikSat	TV	DVB-S	3/4		27.500		Farsi
	Wide	RTP Internacional Europa	TV	DVB-S	3/4	Y	27.500		Portuguese
	Wide	Islam Channel	TV	DVB-S	3/4		27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.355	V	Wide	NPR Worldwide	radio	DVB-S	3/4	27.500	English	
	Wide	RDP Internacional	radio	DVB-S	3/4	27.500	Portuguese		
	Wide	RDP Antena 1	radio	DVB-S	3/4	27.500	Portuguese		
	Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard		
	Wide	Comedy Central Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Milan Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	La 7	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Sky Atlantic HD	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Lei +1	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Radio Capital TiVù	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Nick Jr Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	MTV Classic Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	MTV Music Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	MTV Dance	TV	DVB-S	5/6	29.900	Videoguard	English	
11.373	H	Wide	Class CNBC	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	AXN Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Discovery Science Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian	
	Wide	Real Time +1	TV	DVB-S	5/6	29.900	Italian		
	Wide	Mediaset	package	DVB-S	3/4	29.900	Nagravision 3		
	Wide	Italia 1	TV	DVB-S	3/4	Y 29.900	Italian		
	Wide	Canale 5	TV	DVB-S	3/4	Y 29.900	Nagravision 3	Italian	
	Wide	Rete 4	TV	DVB-S	3/4	Y 29.900	Italian		
	Wide	Iris	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
	Wide	Canale 5	TV	DVB-S	3/4	29.900	Italian		
	Wide	Boing Italia	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
	Wide	La 5	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
	Wide	Mediaset Extra	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
	Wide	Top Crime	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
11.393	V	Wide	TGCom 24	TV	DVB-S	3/4	29.900	Italian	
	Wide	Mediaset Italia 2	TV	DVB-S	3/4	29.900	Nagravision 3	Italian	
	Wide	NC+	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		
	Wide	TVN	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish	
	Wide	TVN 24	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	TVN 7	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish	
	Wide	Polo TV	TV	DVB-S	5/6	27.500	Polish		
	Wide	Eska TV	TV	DVB-S	5/6	27.500	Polish		
	Wide	Mango 24	TV	DVB-S	5/6	Y 27.500	Polish		
	Wide	TTV	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish	
	Wide	TVN Meteo	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	TVN Turbo	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	TVN Style	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Fokus TV	TV	DVB-S	5/6	27.500	Polish		
Wide	TVN 24 Biznes i Swiat	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish		
11.411	H	Wide	NC+	package	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Canal + Film	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Canal + Family Polska	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Canal + »1	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Canal + Family 2	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Teletoon + HD Polska	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Planete + Polska	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Kuchnia +	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
	Wide	Domo +	TV	DVB-S2	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Ale Kino +	TV	DVB-S2	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
11.449	H Wide	NC+	package	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Canal + Discovery	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Investigation Discovery Europe	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Discovery Turbo Xtra Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	MGM HD Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Discovery Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	N Sport +	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
	Wide	TVP 1	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Romance TV Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
11.488	H Wide	VOD unknown	TV package	DVB-S2 DVB-S	3/4 5/6		27.500	Conax Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	Polish,English
	Wide	TVS	TV	DVB-S	5/6	Y	27.500		Polish
	Wide	Kino Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Trace Urban	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	English,French
	Wide	Fox Polska	TV	DVB-S	5/6		27.500	Mediaguard 2/Nagravision 3	Polish,English
	Wide	TVP Info	TV	DVB-S	5/6	Y	27.500		Polish
	Wide	Cinemax Central Europe	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	TV Puls	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP Kultura	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP Warszawa	TV	DVB-S	5/6	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Discovery Life Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	CBS Drama Europe	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	CBS Reality Polska	TV	DVB-S	5/6		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
11.508	V Wide	TVN	package	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	Puls 2	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Vox Music TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	Power TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	TVN	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVN Style	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVN Turbo	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVN 24	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3	Polish
	Wide	TVN 7	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
11.526	H Wide	Adventure HD SRG SSR	TV package	DVB-S2 DVB-S	3/4 3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3 Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	Polish
	Wide	RTS Un	TV	DVB-S	3/4	Y	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	French
	Wide	RSI La 1	TV	DVB-S	3/4	Y	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	Italian
	Wide	RTS Deux	TV	DVB-S	3/4	Y	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	French
	Wide	RSI La 2	TV	DVB-S	3/4	Y	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	Italian
	Wide	RSI La 1	TV	DVB-S	3/4	Y	27.500	Viaccess 2.6/Viaccess 4.0/Viaccess 5.0	Italian,English
	Wide	RTS La 1ère	radio	DVB-S	3/4		27.500		French
	Wide	RTS Espace 2	radio	DVB-S	3/4		27.500		French
	Wide	RTS Couleur 3	radio	DVB-S	3/4		27.500		French
	Wide	RTS Option Musique	radio	DVB-S	3/4		27.500		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	RSI Rete Uno	radio	DVB-S	3/4	27.500		Italian
	Wide	RSI Rete Due	radio	DVB-S	3/4	27.500		Italian
	Wide	RSI Rete Tre	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Swiss Classic	radio	DVB-S	3/4	27.500		
11.747	H Wide	Du	package	DVB-S	3/4	27.500		
	Wide	Sharqiya TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Arabiya	TV	DVB-S	3/4	27.500		Arabic
	Wide	Dubai TV Europe	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Baghdadia	TV	DVB-S	3/4	27.500		Arabic
	Wide	Sky News Arabia	TV	DVB-S	3/4	27.500		Arabic
	Wide	Sharjah TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Ghad Al Arabi	TV	DVB-S	3/4	27.500		Arabic
	Wide	Abu Dhabi Sports 1	TV	DVB-S	3/4	27.500		Arabic
	Wide	Dubai Sports 3	TV	DVB-S	3/4	27.500		English,Arabic
	Wide	Abu Dhabi Sports Extra	TV	DVB-S	3/4	27.500		Arabic,English
	Wide	Sama Dubai	TV	DVB-S	3/4	27.500		Arabic
	Wide	MBC FM	radio	DVB-S	3/4	27.500		Arabic
	Wide	Noor Dubai Radio	radio	DVB-S	3/4	27.500		Arabic
	Wide	Sharjah Radio	radio	DVB-S	3/4	27.500		Arabic
11.766	V Wide	RAI	package	DVB-S	2/3	27.500	Nagravision 3	
	Wide	Rai 1	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
	Wide	Rai 3 Friuli Venezia Giulia	TV	DVB-S	2/3	Y 27.500	Nagravision 3	Italian
	Wide	Rai Scuola	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai 5	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
	Wide	Rai Yoyo	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
	Wide	Senato TV	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio Fd 4	radio	DVB-S	2/3	27.500		Italian
11.804	V Wide	RAI	package	DVB-S	2/3	27.500		
	Wide	Rai Sport 1	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Premium	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
	Wide	Rai Storia	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Sport 2	TV	DVB-S	2/3	27.500		Italian
	Wide	Camera dei Deputati	TV	DVB-S	2/3	27.500		Italian
	Wide	Uninettuno University TV	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Gulp	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Isoradio	radio	DVB-S	2/3	27.500		Italian
	Wide	GR Parlamento	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio Fd 5	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 1	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 2	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 3	radio	DVB-S	2/3	27.500		Italian
11.919	V Wide	Rete 4	TV	DVB-S	5/6	Y 29.900		Italian
	Wide	Boing Italia	TV	DVB-S	5/6	29.900	Nagravision 3	Italian
	Wide	Mediaset Extra	TV	DVB-S	5/6	29.900	Nagravision 3	Italian
	Wide	Mediaset Italia 2	TV	DVB-S	5/6	29.900	Nagravision 3	Italian
12.111	V Wide	Telespazio	package	DVB-S	3/4	27.500		
	Wide	Mekameleen TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
	Wide	Radio Italia TV	TV	DVB-S	3/4	27.500		Italian
	Wide	Al Jazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	Wide	TV Moda	TV	DVB-S	3/4	27.500		Italian
	Wide	Class Horse TV	TV	DVB-S	3/4	27.500		Italian
	Wide	Kaleme TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Saamen TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Al Mayadeen TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	MTA International	TV	DVB-S	3/4	27.500		Hindi,Urdu,English,French,German,Arabic,Bengali
	Wide	Radio Maria Italia	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Dimensione Suono	radio	DVB-S	3/4	27.500		Italian
	Wide	Dimensione Suono Roma	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Italia Anni 60	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Italia	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Padre Pio	radio	DVB-S	3/4	27.500		Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Radio EuroSpin	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Radicale	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Zeta	radio	DVB-S	3/4	27.500		Italian
12.616	H Wide	MyDeejay TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	TV Moda	TV	DVB-S	5/6	29.900		Italian
	Wide	Baby TV Europe	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	DeA Junior	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Nickelodeon Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Discovery Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Boomerang Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Bike Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Cartoon Network Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Mosaico Bambini	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.635	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Disney Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Disney XD Italia +2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Animal Planet Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Horror Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Frisbee	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Seratissima Frisbee	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Super!	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Class Horse TV	TV	DVB-S	5/6	29.900		Italian
	Wide	Disney XD Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Disney in English	TV	DVB-S	5/6	29.900	Videoguard	English
	Wide	Juventus TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Inter Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	La 3	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	DeA Kids	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	K2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Seratissima K2	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.654	H Wide	Holy Quran Radio	radio	DVB-S	5/6	27.500		Arabic
12.692	H Wide	AB Sat	package	DVB-S2	3/4	27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	
	Wide	RTL 9	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Viaccess 3.0/Viaccess 4.0	French
	Wide	AB 1	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	AB Moteurs	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French,Turkish
	Wide	Animaux	TV	DVB-S2	3/4	27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French,Turkish
	Wide	Chasse & Pêche	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French,Turkish,Bulgaria n,Russian
	Wide	Ciné FX	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	Polar	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	Escales	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French,Turkish
	Wide	Toute l'Histoire	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	AB 3	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0/Viaccess 5.0	French
	Wide	Action	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	Mangas	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French
	Wide	Encyclo	TV	DVB-S2	3/4	Y 27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French,Turkish
	Wide	AB 4	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0/Viaccess 5.0	French
	Wide	Lucky Jack TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0	French
	Wide	Téva	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
	Wide	Bis promo	TV	DVB-S2	3/4	27.500		French	
	Wide	XXL	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French	
	Wide	BFM TV	TV	DVB-S2	3/4	Y 27.500		French	
	Wide	D17	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French	
	Wide	Gulli	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French	
	Wide	France Ô	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Viaccess 5.0	French	
12.713	V	Wide	Trace Sport Stars	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French,English
	Wide	Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Wide	Sky Primafila 10	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Wide	Sky Primafila 12	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Wide	Sky Primafila 14	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Wide	La Sposa	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Sky Primafila 8	TV	DVB-S	5/6	29.900	Videoguard	Italian,Italian
	Wide	Wide	Sky Primafila 27	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Sky Primafila 23	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Sky Primafila 25	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Sky Primafila 26	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Nat Geo Wild Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Sky Primafila 24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	JimJam Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Wide	Man-Ga	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.731	H	Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Wide	Extreme Sports Channel	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Real Time	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Sky Cinema Family +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Sky Atlantic HD +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Explora	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Disney XD Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	AXN Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Wide	Fox Sports 2 Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian

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10.815	H	Wide	RR Media	package	DVB-S	5/6	27.500		
		Wide	Vozrozhdeniye	TV	DVB-S	5/6	27.500		Russian
		Wide	Baby TV Europe	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	German,English,French, Dutch,Turkish,Polish,Spa nish,Portuguese,Italian,G reek
		Wide	3ABN International	TV	DVB-S	5/6	27.500		English
		Wide	BVN TV Europa	TV	DVB-S	5/6	27.500		Dutch
		Wide	CNL Evropa	TV	DVB-S	5/6	27.500		Russian
		Wide	Soyuz	TV	DVB-S	5/6	27.500		Russian
		Wide	24 TV	TV	DVB-S	5/6	27.500		Russian
		Wide	Fashion Television International	TV	DVB-S	5/6	27.500		English
		Wide	Russian Musicbox	TV	DVB-S	5/6	27.500		Russian
		Wide	Kurdsat	TV	DVB-S	5/6	27.500		Kurdish
		Wide	Thai TV Global Network	TV	DVB-S	5/6	27.500		Thai
		Wide	VTV 4	TV	DVB-S	5/6	27.500		Vietnamese
		Wide	TVK	TV	DVB-S	5/6	27.500		
		Wide	Horn Cable TV	TV	DVB-S	5/6	27.500		Somali
		Wide	The Word Network	TV	DVB-S	5/6	27.500		English
		Wide	Armenia TV Europe	TV	DVB-S	5/6	27.500		Armenian
		Wide	NetViet	TV	DVB-S	5/6	27.500		Vietnamese
		Wide	Kentron TV International	TV	DVB-S	5/6	27.500		Armenian
		Wide	3ABN Radio	radio	DVB-S	5/6	27.500		English
		Wide	Radio Tell	radio	DVB-S	5/6	27.500		German
		Wide	The Overcomer	radio	DVB-S	5/6	27.500		English
		Wide	Voice of Vietnam	radio	DVB-S	5/6	27.500		
		Wide	Radio Dijla	radio	DVB-S	5/6	27.500		Arabic
10.834	V	Wide	NC+	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Kino Polska Muzyka	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP Sport	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Zest TV	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Motowizja	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP ABC	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Discovery Historia	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	Sport Klub Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	TVP Historia	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
	Wide	BBC HD Nordic	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	BBC Earth Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	HBO 2 Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
	Wide	HBO Comedy Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
10.853	H Wide	SatLink	package	DVB-S2	2/3		29.900		
	Wide	Comedy Central Polska	TV	DVB-S2	2/3		29.900	Conax/Mediaguard/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish,English
	Wide	FTV HD Europe	TV	DVB-S2	2/3		29.900		
	Wide	Tele Akery	TV	DVB-S2	2/3		29.900		Italian
	Wide	Automoto TV	TV	DVB-S2	2/3		29.900		Italian
	Wide	Fashion TV Europe	TV	DVB-S2	2/3		29.900		
	Wide	Teleitalia	TV	DVB-S2	2/3		29.900		Italian
	Wide	Canale Italia	TV	DVB-S2	2/3		29.900		Italian
	Wide	Telereporter	TV	DVB-S2	2/3		29.900		Italian
	Wide	Fox Comedy Italia	TV	DVB-S2	2/3		29.900	Videoguard	Italian
	Wide	Lazio TV Latina	TV	DVB-S2	2/3		29.900		Italian
	Wide	Fox Animation	TV	DVB-S2	2/3		29.900	Videoguard	Italian
	Wide	Telemontegiove	TV	DVB-S2	2/3		29.900		Italian
	Wide	Roma Uno	TV	DVB-S2	2/3		29.900		Italian
	Wide	TRM Network	TV	DVB-S2	2/3		29.900		Italian
	Wide	La Sposa	TV	DVB-S2	2/3		29.900		Italian
	Wide	Napoletano TV	TV	DVB-S2	2/3		29.900		Italian
10.873	V Wide	SNRT	package	DVB-S	3/4		27.500		
	Wide	Al Aoula Middle East	TV	DVB-S	3/4		27.500		Arabic
	Wide	Arrabia	TV	DVB-S	3/4		27.500		Arabic
	Wide	Al Maghribia	TV	DVB-S	3/4		27.500		Arabic
	Wide	Al Aoula Europe	TV	DVB-S	3/4		27.500		Arabic
	Wide	Assadissa	TV	DVB-S	3/4		27.500		Arabic
	Wide	Medi 1 TV	TV	DVB-S	3/4		27.500		French
	Wide	Arryadia	TV	DVB-S	3/4		27.500		Arabic
	Wide	Tamazight	TV	DVB-S	3/4		27.500		Berber
	Wide	Radio Agadir	radio	DVB-S	3/4		27.500		
	Wide	Radio Houceima	radio	DVB-S	3/4		27.500		
	Wide	Radio Tétouan	radio	DVB-S	3/4		27.500		
	Wide	Radio Meknes	radio	DVB-S	3/4		27.500		
	Wide	Medi 1 Afrique	radio	DVB-S	3/4		27.500		French
	Wide	Idaa al Watania	radio	DVB-S	3/4		27.500		Arabic
	Wide	Chaîne Inter	radio	DVB-S	3/4		27.500		
	Wide	Idaa al Amazighia	radio	DVB-S	3/4		27.500		Arabic
	Wide	Idaa al Watania	radio	DVB-S	3/4		27.500		Arabic
	Wide	Idaa Mohammed Assadiiss	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio Dakhla	radio	DVB-S	3/4		27.500		
	Wide	Radio Fes	radio	DVB-S	3/4		27.500		
	Wide	Radio Tanger	radio	DVB-S	3/4		27.500		
10.992	V Wide	RAI	package	DVB-S	2/3		27.500		
	Wide	Rai Movie	TV	DVB-S	2/3		27.500	Nagravision 3	Italian
	Wide	Rai 1	TV	DVB-S	2/3	Y	27.500		Italian
	Wide	Rai 2	TV	DVB-S	2/3	Y	27.500		Italian
	Wide	Rai 3 Sat	TV	DVB-S	2/3	Y	27.500		Italian
	Wide	Rai News 24	TV	DVB-S	2/3		27.500		Italian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Rai 4	TV	DVB-S	2/3	Y	27.500	Mediaguard 1/Nagravision 3	Italian
	Wide	Rai Radio 1	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 2	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 3	radio	DVB-S	2/3		27.500		Italian
11.034	V Wide	GlobeCast	package	DVB-S	3/4		27.500		
	Wide	Algérie 5	TV	DVB-S	3/4		27.500		Arabic
	Wide	Algérie 4	TV	DVB-S	3/4		27.500		
	Wide	TNT Comedy	TV	DVB-S	3/4		27.500		Russian
	Wide	Shanson TV	TV	DVB-S	3/4		27.500		Russian
	Wide	2M Monde	TV	DVB-S	3/4		27.500		Arabic
	Wide	CCTV News	TV	DVB-S	3/4		27.500		English
	Wide	STS International	TV	DVB-S	3/4		27.500		Russian
	Wide	RTR Planeta	TV	DVB-S	3/4		27.500		Russian
	Wide	Rossiya 24	TV	DVB-S	3/4		27.500		Russian
	Wide	TRT Türk	TV	DVB-S	3/4	Y	27.500		Turkish
	Wide	Al Jazeera English	TV	DVB-S	3/4		27.500		English
	Wide	Ganj e Hozour TV	TV	DVB-S	3/4		27.500		Farsi
	Wide	Chaîne 1	radio	DVB-S	3/4		27.500		Arabic
	Wide	Radio 2M	radio	DVB-S	3/4		27.500		
	Wide	Chaîne 2	radio	DVB-S	3/4		27.500		Arabic
	Wide	Chaîne 3	radio	DVB-S	3/4		27.500		
11.054	H Wide	Media Broadcast	package	DVB-S	5/6		27.500		
	Wide	3+	TV	DVB-S	5/6		27.500	Viaccess 4.0/Viaccess 5.0	German
	Wide	BW TV	TV	DVB-S	5/6		27.500	PowerVu	German
	Wide	MC EU	TV	DVB-S	5/6		27.500		German
	Wide	3+	TV	DVB-S	5/6		27.500	Viaccess 4.0/Viaccess 5.0	German
	Wide	ZDF	TV	DVB-S	5/6	Y	27.500		German
	Wide	Nex 1	TV	DVB-S	5/6		27.500		
	Wide	Persian Star 2	TV	DVB-S	5/6		27.500		Farsi
	Wide	Persian Movie	TV	DVB-S	5/6		27.500		Farsi
	Wide	IFM TV	TV	DVB-S	5/6		27.500		Farsi
	Wide	Iranian Cinema Channel	TV	DVB-S	5/6		27.500		Farsi
	Wide	TM TV	TV	DVB-S	5/6		27.500		Farsi
	Wide	IMN TV	TV	DVB-S	5/6		27.500		Farsi
	Wide	Ariana Afghanistan TV	TV	DVB-S	5/6		27.500		Farsi
	Wide	Merci TV Network	TV	DVB-S	5/6		27.500		Farsi
	Wide	Persian Star 1	TV	DVB-S	5/6		27.500		Farsi
	Wide	Radio Andernach	radio	DVB-S	5/6		27.500	PowerVu	German
	Wide	Radio POS AC	radio	DVB-S	5/6		27.500		German
	Wide	Radio POS Soft AC	radio	DVB-S	5/6		27.500		German
	Wide	Radio POS CHR	radio	DVB-S	5/6		27.500		German
	Wide	Radio POS Hot AC	radio	DVB-S	5/6		27.500		German
	Wide	Radio POS Euro AC	radio	DVB-S	5/6		27.500		German
	Wide	Radio POS	radio	DVB-S	5/6		27.500		German
11.075	V Wide	Viacom Media Networks	package	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0/Videoguard	
	Wide	MTV Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	Comedy Central Family Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	Viva Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	VH1 Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	Comedy Central Polska	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	Nickelodeon Europe	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0	Polish
	Wide	MTV Live HD	TV	DVB-S	3/4		27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 5.0/Videoguard	English,English
	Wide	Nick Jr Polska	TV	DVB-S	3/4		27.500	Viaccess 3.0/Viaccess 5.0	Russian,Polish,English,Hungarian,Arabic,Romanian
11.096	H Wide	Orange France	package	DVB-S2	2/3		29.900	Irdeto 2/Viaccess 3.0/Viaccess 4.0	
	Wide	MCS Tennis	TV	DVB-S2	2/3		29.900	Viaccess 3.0	French
	Wide	BeIn Sports Max 5	TV	DVB-S2	2/3		29.900	Viaccess 3.0	French
	Wide	M6 Music	TV	DVB-S2	2/3		29.900	Viaccess 3.0	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	RFM TV	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	MCM Top	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	Histoire	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	National Geographic Channel France	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	Eurosport 2	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	Sport 365	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	KZ TV	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	BeIn Sports Max 6	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	BeIn Sports Max 7	TV	DVB-S2	2/3	29.900	Viaccess 3.0	French
	Wide	BeIn Sports 1	TV	DVB-S2	2/3	29.900	Irdeto 2/Viaccess 3.0/Viaccess 4.0	French
	Wide	BeIn Sports 2	TV	DVB-S2	2/3	29.900	Irdeto 2/Viaccess 3.0/Viaccess 4.0	French
11.117	V Wide	GlobeCast	package	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	
	Wide	BBC Brit Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	BBC Earth Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	Loveworld TV	TV	DVB-S	3/4	27.500		English
	Wide	R1	TV	DVB-S	3/4	27.500		Russian
	Wide	CNBC Europe	TV	DVB-S	3/4	27.500		English
	Wide	Investigation Discovery Europe	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	TLC Polska	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English
	Wide	BBC Arabic	TV	DVB-S	3/4	27.500		Arabic
	Wide	BBC World Service Arabic	radio	DVB-S	3/4	27.500		Arabic
	Wide	BBC World Service English Europe	radio	DVB-S	3/4	27.500		English
11.137	H Wide	Arqiva	package	DVB-S	3/4	27.500		
	Wide	Al Waad Channel	TV	DVB-S	3/4	27.500		Arabic
	Wide	ESTV	TV	DVB-S	3/4	27.500		
	Wide	MTA International	TV	DVB-S	3/4	27.500		Urdu,English,French,German,Arabic,Bengali
	Wide	Bloomberg TV Europe	TV	DVB-S	3/4	27.500		English
	Wide	TV 5 Monde France Belgique Suisse	TV	DVB-S	3/4	27.500		French
	Wide	TV 5 Monde Europe	TV	DVB-S	3/4	27.500		French
	Wide	Crime + Investigation UK	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	English,Polish
	Wide	Crime + Investigation UK	TV	DVB-S	3/4	27.500	Nagravision 3	English,Polish
	Wide	NHK World TV	TV	DVB-S	3/4	27.500		English
	Wide	GEM TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Kurd Channel	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Manoto 1	TV	DVB-S	3/4	27.500		Farsi
	Wide	Radio Voce della Speranza	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Number One	radio	DVB-S	3/4	27.500		Italian
11.179	H Wide	Telespazio	package	DVB-S	3/4	27.500		
	Wide	Al Malakoot Sat	TV	DVB-S	3/4	27.500		Arabic
	Wide	Khatereh TV	TV	DVB-S	3/4	27.500		
	Wide	Payam-e-Afghan TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	CTV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Marjaeyat	TV	DVB-S	3/4	27.500		Farsi
	Wide	Alkarma TV Middle East & Australia	TV	DVB-S	3/4	27.500		Arabic
	Wide	Padre Pio TV	TV	DVB-S	3/4	27.500		Italian
	Wide	Lombardia Sat	TV	DVB-S	3/4	27.500		Italian
	Wide	Erde & Mensch	TV	DVB-S	3/4	27.500		German
	Wide	ITV Italia	TV	DVB-S	3/4	27.500		Italian
	Wide	TVR International	TV	DVB-S	3/4	Y 27.500		Romanian
	Wide	Toheed TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	TVP Polonia	TV	DVB-S	3/4	Y 27.500		Polish,Polish
	Wide	Private TV	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/SkyPilot/Viaccess 4.0/Viaccess 5.0	
	Wide	Rangarang Radio	radio	DVB-S	3/4	27.500		Farsi
11.200	V Wide	Eutelsat	package	DVB-S	5/6	27.500		
	Wide	Al-Fayhaa Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	Wide	MTA 3 Al Arabiyah	TV	DVB-S	5/6	27.500		Arabic
	Wide	Mohabat TV	TV	DVB-S	5/6	27.500		Farsi

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	ETV Show Hotbird	TV	DVB-S	5/6	27.500		
	Wide	Pro TV International	TV	DVB-S	5/6	27.500		Romanian
	Wide	GK Channel	TV	DVB-S	5/6	27.500		Kurdish
	Wide	CBC	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	AzTV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Angel TV	TV	DVB-S	5/6	27.500		Arabic
	Wide	God TV United Kingdom	TV	DVB-S	5/6	27.500		English
	Wide	SBN International	TV	DVB-S	5/6	27.500		English
	Wide	Elsharq	TV	DVB-S	5/6	27.500		Arabic
	Wide	Somaliland National TV	TV	DVB-S	5/6	27.500		Somali
	Wide	Suryoyo Sat	TV	DVB-S	5/6	27.500		Syriac
	Wide	Universal TV	TV	DVB-S	5/6	27.500		Somali
	Wide	GünAz TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	New Channel TV	TV	DVB-S	5/6	27.500		Farsi
	Wide	World Fashion Channel International	TV	DVB-S	5/6	27.500		English
	Wide	Seven Kazakhstan	TV	DVB-S	5/6	27.500		Kazakh
	Wide	Ictimai TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Radio Mojdeh	radio	DVB-S	5/6	27.500		Farsi
	Wide	Radio Novaya Zhizn	radio	DVB-S	5/6	27.500		Russian
	Wide	Persian Radio	radio	DVB-S	5/6	27.500		Farsi
	Wide	Radio Sedaye Mardom	radio	DVB-S	5/6	27.500		Farsi
	Wide	1 Respublika	radio	DVB-S	5/6	27.500		Azerbaijan
	Wide	Ictimai Radio	radio	DVB-S	5/6	27.500		Azerbaijan
	Wide	Radio Tondar	radio	DVB-S	5/6	27.500		Farsi
	Wide	Radio Kurdistan	radio	DVB-S	5/6	27.500		Kurdish
11.585	V Wide	GlobeCast	package	DVB-S	3/4	27.500		
	Wide	Daystar TV	TV	DVB-S	3/4	27.500		English
	Wide	Belarus 24	TV	DVB-S	3/4	27.500		Russian
	Wide	RIK Sat	TV	DVB-S	3/4	Y 27.500		Greek
	Wide	1+1 International	TV	DVB-S	3/4	27.500		Ukrainian
	Wide	Ariana TV International	TV	DVB-S	3/4	27.500		Farsi
	Wide	Hunting Action Channel	TV	DVB-S	3/4	27.500		French
	Wide	Jasmin TV promo	TV	DVB-S	3/4	27.500		English
	Wide	French Lover TV	TV	DVB-S	3/4	27.500	Viaccess 4.0	French
	Wide	Tishk TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	EWTN UK & Ireland	TV	DVB-S	3/4	27.500		English
	Wide	Arise News	TV	DVB-S	3/4	27.500		English
	Wide	TV Globo Internacional Europa/África	TV	DVB-S	3/4	27.500	Nagravision 2/Viaccess 2.5	Portuguese
	Wide	RIK Triton	radio	DVB-S	3/4	27.500		Greek
11.623	V Wide	GlobeCast	package	DVB-S	3/4	27.500		
	Wide	Amana TV promo	TV	DVB-S	3/4	27.500		Arabic
	Wide	Jil TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	RTL 102.5 RadioVisione	TV	DVB-S	3/4	27.500		Italian
	Wide	TRT Belgesel	TV	DVB-S	3/4	27.500		Turkish
	Wide	Arirang World	TV	DVB-S	3/4	27.500		English
	Wide	Pianeta TV	TV	DVB-S	3/4	27.500		Italian
	Wide	MediaText	TV	DVB-S	3/4	27.500		Italian
	Wide	Italia Channel	TV	DVB-S	3/4	27.500		Italian
	Wide	Echorouk TV News	TV	DVB-S	3/4	27.500		Arabic
	Wide	Dzair News	TV	DVB-S	3/4	27.500		Arabic
	Wide	Ukraine Today	TV	DVB-S	3/4	27.500		English
	Wide	Numidia News TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	TRT Tamil Oli	radio	DVB-S	3/4	27.500		Tamil
	Wide	RTL 102.5 FM	radio	DVB-S	3/4	27.500		Italian
	Wide	RTL 102.5 Groove	radio	DVB-S	3/4	27.500		Italian
	Wide	RTL 102.5 Italian Style	radio	DVB-S	3/4	27.500		Italian
	Wide	RTL 102.5 Radio Guardia Costiera	radio	DVB-S	3/4	27.500		Italian
	Wide	RTL 102.5 Classic	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Padania Libera	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio 2000	radio	DVB-S	3/4	27.500		Hebrew
	Wide	France Maghreb 2 Province	radio	DVB-S	3/4	27.500		French
	Wide	Radio Orient	radio	DVB-S	3/4	27.500		Arabic
	Wide	Global Star Hot Bird Europe	radio	DVB-S	3/4	27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	TRT FM	radio	DVB-S	3/4	27.500		Turkish
	Wide	Voice of Turkey World	radio	DVB-S	3/4	27.500		
	Wide	TSR	radio	DVB-S	3/4	27.500		Turkish
11.642	H Wide	Belgium Satellite Services	package	DVB-S	3/4	27.500		
	Wide	Face 1	TV	DVB-S	3/4	27.500		Farsi
	Wide	Komala TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Suroyo TV	TV	DVB-S	3/4	27.500		Syriac
	Wide	Tanz	TV	DVB-S	3/4	27.500		Farsi
	Wide	Newroz TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Çira TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Med Nûçe	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Seven	TV	DVB-S	3/4	27.500		Farsi
	Wide	Nour TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Orient News	TV	DVB-S	3/4	27.500		Arabic
	Wide	Mwala3a 3lik	TV	DVB-S	3/4	27.500		
	Wide	Anta 7iate	TV	DVB-S	3/4	27.500		
	Wide	Iran Fun	TV	DVB-S	3/4	27.500		
	Wide	Ipol TV	TV	DVB-S	3/4	27.500		Polish
	Wide	Radio Eviva	radio	DVB-S	3/4	27.500		German
	Wide	RDK Radio	radio	DVB-S	3/4	27.500		
	Wide	Radio 74	radio	DVB-S	3/4	27.500		English
	Wide	Radio Nawa Kurdish	radio	DVB-S	3/4	27.500		Kurdish
	Wide	Radio Nawa Arabic	radio	DVB-S	3/4	27.500		Arabic
11.662	V Wide	Telespazio	package	DVB-S2	3/4	27.500		
	Wide	Challenger TV promo	TV	DVB-S2	3/4	27.500		Italian
	Wide	Telemarket	TV	DVB-S2	3/4	27.500		Italian
	Wide	ITV Italia	TV	DVB-S2	3/4	27.500		Italian
	Wide	TG Architettura	TV	DVB-S2	3/4	27.500		Italian
	Wide	Telemarket For You	TV	DVB-S2	3/4	27.500		Italian
	Wide	Racing Dogs	TV	DVB-S2	3/4	27.500		English
	Wide	Racing Horse	TV	DVB-S2	3/4	27.500		English
	Wide	5 Sat	TV	DVB-S2	3/4	27.500		Italian
	Wide	Antichità Chiossone	TV	DVB-S2	3/4	27.500		Italian
	Wide	Tele 5	TV	DVB-S2	3/4	Y 27.500		Polish
	Wide	DMC Shop	TV	DVB-S2	3/4	27.500		Italian
	Wide	Polonia 1	TV	DVB-S2	3/4	Y 27.500		Polish
	Wide	Reteconomy	TV	DVB-S2	3/4	27.500		Italian
	Wide	Water Planet	TV	DVB-S2	3/4	27.500		Polish
	Wide	Novela TV	TV	DVB-S2	3/4	27.500		Polish
	Wide	TVA Vicenza	TV	DVB-S2	3/4	27.500		Italian
11.681	H Wide	Bis TV	package	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	
	Wide	TF 1	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	France 2	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	France 3 Sat	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	France 5	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	M6	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	ARTE Français	TV	DVB-S2	3/4	27.500		French,German
	Wide	D8	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	W9	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	TMC	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	NT1	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Wide	NRJ 12	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	LCP	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French
	Wide	France 4	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
12.520	V Wide	STN	package	DVB-S	3/4	27.500		
	Wide	TV Koper Capodistria	TV	DVB-S	3/4	Y 27.500		
	Wide	RBK TV	TV	DVB-S	3/4	27.500		Russian
	Wide	Ronahî TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Med Muzik	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Fadak TV	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Al Magharibia	TV	DVB-S	3/4	27.500		Arabic
	Wide	Stêrk	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Al-Khalij TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Iran TV Network	TV	DVB-S	3/4	27.500		Farsi
	Wide	Çira TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Pars TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Iran B Marz TV	TV	DVB-S	3/4	27.500		
	Wide	Al Alamiya TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Armenia 1 TV Satellite	TV	DVB-S	3/4	27.500		Armenian
	Wide	Radio Capodistria	radio	DVB-S	3/4	27.500		Italian
	Wide	Farsi Bible	radio	DVB-S	3/4	27.500		Farsi
	Wide	Dari Bible	radio	DVB-S	3/4	27.500		
	Wide	Azeri Bible	radio	DVB-S	3/4	27.500		Azerbaijan
	Wide	Radio Almahabba	radio	DVB-S	3/4	27.500		Arabic
	Wide	89 Hit FM	radio	DVB-S	3/4	27.500		German
	Wide	Dream FM	radio	DVB-S	3/4	27.500		German
	Wide	Public Radio of Armenia	radio	DVB-S	3/4	27.500		Armenian
12.539	H Wide	Mediaset	package	DVB-S2	2/3	27.500	Nagravision 3	
	Wide	Premium Joi	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Mya	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Crime	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Cinema	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Studio Universal Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Cinema Energy	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Cinema Emotion	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	BBC Knowledge Italy	TV	DVB-S2	2/3	27.500	Nagravision 3	English
	Wide	Discovery World	TV	DVB-S2	2/3	27.500	Nagravision 3	English
	Wide	Mediaset	package	DVB-S2	2/3	27.500	Nagravision 3	
	Wide	Premium Calcio 1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian,English,German
	Wide	Premium Calcio 2	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio 3	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio 4	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio 5	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio 6	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Action	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Cinema Comedy	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Disney Channel Italia +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Disney Junior Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Cartoon Network Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio 7	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
	Wide	Premium Calcio	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
12.558	V Wide	Telespazio	package	DVB-S	3/4	27.500		
	Wide	Thaqalayn TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Hadi TV 1	TV	DVB-S	3/4	27.500		
	Wide	Canale Italia 83	TV	DVB-S	3/4	27.500		Italian
	Wide	Canale Italia 84	TV	DVB-S	3/4	27.500		Italian
	Wide	Hadi TV 3	TV	DVB-S	3/4	27.500		
	Wide	Hod Hod Farsi TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Hadi TV 4	TV	DVB-S	3/4	27.500		
	Wide	Iran TV Network	TV	DVB-S	3/4	27.500		Farsi
	Wide	Unire Sat	TV	DVB-S	3/4	27.500		Italian
	Wide	Euro Az Channel	TV	DVB-S	3/4	27.500		Azerbaijan
	Wide	Unire Sat HD	TV	DVB-S	3/4	27.500		Italian
	Wide	Hod Hod Arabic TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Beitol Abbas	TV	DVB-S	3/4	27.500		Arabic
	Wide	Jeem TV Europe	TV	DVB-S	3/4	27.500		Arabic
	Wide	Baraem Europe	TV	DVB-S	3/4	27.500		Arabic
	Wide	Zagros TV	TV	DVB-S	3/4	27.500		Kurdish
12.577	H Wide	Orange France	package	DVB-S2	3/4	27.500	Viaccess 3.0	
	Wide	TV Breizh	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French
	Wide	Boing France	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French,English
	Wide	Ushuaia TV	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French
	Wide	Piwi +	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French
	Wide	E! France	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	OCS City	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French,English
	Wide	OCS choc	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French,English
	Wide	OCS geants	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French,English
	Wide	MCM France	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Boomerang France	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French,English
	Wide	TéléToon +	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	LCI	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Paris Première	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Méloody	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	L'Équipe 21	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	BeIn Sports Max 4	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French
	Wide	Motorvision TV	TV	DVB-S2	3/4		27.500	Viaccess 3.0	German
	Wide	OCS max	TV	DVB-S2	3/4		27.500	Viaccess 3.0	French,English
12.597	V Wide	GlobeCast	package	DVB-S	3/4		27.500		
	Wide	Armenia 1 TV Satellite	TV	DVB-S	3/4		27.500		Armenian
	Wide	BBC World News Europe	TV	DVB-S	3/4		27.500		English
	Wide	Perviy kanal Europa	TV	DVB-S	3/4		27.500		Russian
	Wide	CNN International Europe	TV	DVB-S	3/4		27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	English
	Wide	EuroNews	TV	DVB-S	3/4	Y	27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic,Turkish,Farsi,Ukrainian,Greek,Hungarian
	Wide	SMNI	TV	DVB-S	3/4		27.500		English
	Wide	KICC TV	TV	DVB-S	3/4		27.500		English
	Wide	RT D	TV	DVB-S	3/4		27.500		English
	Wide	Public Radio of Armenia	radio	DVB-S	3/4		27.500		Armenian
	Wide	CNN Radio	radio	DVB-S	3/4		27.500	Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	English
	Wide	Radio Japan	radio	DVB-S	3/4		27.500		
	Wide	Family Radio International 1	radio	DVB-S	3/4		27.500		
	Wide	Family Radio International 2	radio	DVB-S	3/4		27.500		
	Wide	WRN Russkij	radio	DVB-S	3/4		27.500		Russian
	Wide	WRN English Europe	radio	DVB-S	3/4		27.500		English
	Wide	Family Radio Europe	radio	DVB-S	3/4		27.500		English
	Wide	National Prison Radio Network	radio	DVB-S	3/4		27.500		English
	Wide	CVC The Voice Asia	radio	DVB-S	3/4		27.500		Hindi
	Wide	Radio Jahani	radio	DVB-S	3/4		27.500		
	Wide	Betar Bangla	radio	DVB-S	3/4		27.500		Bengali
	Wide	Sonshine Radio	radio	DVB-S	3/4		27.500		English

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10.721	H Europe B	OiV	package	DVB-S	3/4		27.500	Viaccess 2.5/Viaccess 3.0	
	Europe B	HRT 1	TV	DVB-S	3/4	Y	27.500		Croatian
	Europe B	HRT 2	TV	DVB-S	3/4	Y	27.500	Viaccess 2.5/Viaccess 3.0	Croatian
	Europe B	HRT 3	TV	DVB-S	3/4	Y	27.500	Viaccess 2.5/Viaccess 3.0	Croatian
	Europe B	RTS Satelit	TV	DVB-S	3/4	Y	27.500		Serbian
	Europe B	TV Slovenija 1	TV	DVB-S	3/4	Y	27.500		Slovenian
	Europe B	TV Slovenija 2	TV	DVB-S	3/4	Y	27.500		Slovenian
	Europe B	TV Slovenija 3	TV	DVB-S	3/4	Y	27.500		Slovenian
	Europe B	HR Prvi program	radio	DVB-S	3/4		27.500		Croatian
	Europe B	HR Drugi program	radio	DVB-S	3/4		27.500		Croatian
	Europe B	HR Treci program	radio	DVB-S	3/4		27.500		Croatian
	Europe B	Glas Hrvatske	radio	DVB-S	3/4		27.500		Croatian
	Europe B	HR Radio Pula	radio	DVB-S	3/4		27.500		Croatian
	Europe B	Hrvatski Katolicki Radio	radio	DVB-S	3/4		27.500		Croatian
	Europe B	Radio Beograd 1	radio	DVB-S	3/4		27.500		Serbian
	Europe B	Val 202	radio	DVB-S	3/4		27.500		Slovenian
	Europe B	Ars	radio	DVB-S	3/4		27.500		Slovenian
10.762	H Europe B	DigitAlb	package	DVB-S2	3/5		30.000	Conax	
	Europe B	Top News	TV	DVB-S2	3/5		30.000		Albanian
	Europe B	Bang Bang	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Explorer Shkencë	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Film Aksion	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Film Komedi	TV	DVB-S2	3/5		30.000	Conax	English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	RTV 21 Sat	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Kohavision	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Ora News	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	TVSH	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	News 24	TV	DVB-S2	3/5	Y	30.000	Conax	Albanian
	Europe B	X1	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Top Albania Radio	radio	DVB-S2	3/5		30.000		Albanian
	Europe B	Discovery Turbo Xtra East Europe	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Top Gold	radio	DVB-S2	3/5		30.000		Albanian
	Europe B	Radio Klan	radio	DVB-S2	3/5		30.000		Albanian
10.804	H Europe B	DigitAlb	package	DVB-S2	2/3		29.950	Conax	
	Europe B	Top Channel	TV	DVB-S2	2/3	Y	29.950	Conax	Albanian
	Europe B	TV Klan	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	SuperSport 5	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	SuperSport 6	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Junior TV	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Çufo	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	My Music	TV	DVB-S2	2/3		29.950		Albanian
	Europe B	Explorer Natyra	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Explorer Histori	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Digi Gold	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Film Autor	TV	DVB-S2	2/3		29.950	Conax	English
	Europe B	Film Hits	TV	DVB-S2	2/3		29.950	Conax	English
	Europe B	Film Thriller	TV	DVB-S2	2/3		29.950	Conax	English,Italian
	Europe B	Film Dramë	TV	DVB-S2	2/3		29.950	Conax	English,Italian
	Europe B	Klan Kosova	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	ABC News	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	BCTV Albania	TV	DVB-S2	2/3		29.950		Albanian
	Europe B	MusicAl	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	X2	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Film Hits +1	TV	DVB-S2	2/3		29.950	Conax	English
	Europe B	Radio Travel	radio	DVB-S2	2/3		29.950		Albanian
	Sub-Sahara Africa	Free Africa	package	DVB-S2	2/3		30.000		
	Sub-Sahara Africa	Vision 4	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	2S TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	RDV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	CRTV	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	RTNC	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Sikka TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	TVT	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	ORTB TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Golfe TV International	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	France 24 Français	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Gabon TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Equinoxe TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Canal 2 International	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	Canal 2 Infos	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	Africa TV 3	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	ImpactTV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Boom TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	STV	TV	DVB-S2	2/3		30.000		French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	RTI 2	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	TV 5 Monde Afrique	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	LTM TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	TFM	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Electron TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Afrique Média	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	Canal 2 Musique	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	Canal 2 Movies	TV	DVB-S2	2/3		30.000	Gospell	French
	Sub-Sahara Africa	Sunshine TV	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	Zongo TV	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	YES TV	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	Oil City TV	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	Voxafrica Afrique	TV	DVB-S2	2/3		30.000		
	Sub-Sahara Africa	Free Africa promo	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Golfe FM	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Soleil	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Lomé	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Kara	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Sweet FM	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Immaculée Conception	radio	DVB-S2	2/3		30.000		French
10.845	H Europe B	DigitAlb	package	DVB-S2	3/5		30.000	Conax	
	Europe B	UTV News	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Channel One	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	DigitAlb promo	TV	DVB-S2	3/5		30.000		Albanian
	Europe B	Scan	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	STV Folk	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Film Një HD	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Film Dy HD	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Plus HD	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	SuperSport 1	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	SuperSport 2	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	SuperSport 3	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	SuperSport 4	TV	DVB-S2	3/5		30.000	Conax	Albanian
	South East Africa	CanalSat Réunion	package	DVB-S2	?		30.000	Mediaguard 2	
	South East Africa	Canal + Sport Réunion	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	Canal + Réunion	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	TF 1	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	M6	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	MTV Live HD	TV	DVB-S2	?		30.000	Mediaguard 2	English
10.887	H Europe B	DigitAlb	package	DVB-S2	3/5		30.000	Conax	
	Europe B	National Geographic Channel România	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Nat Geo Wild Romania	TV	DVB-S2	3/5		30.000	Conax	Romanian
	Europe B	Fox Life Regional	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Fox Crime Regional	TV	DVB-S2	3/5		30.000	Conax	English

Freq	Beam		Analog	Diff	Fec		Symb of Rate	Acces	Lang
	Europe B	A1 Report!	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	X3	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	X4	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Supersonic TV	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Alsat-M	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Folklorit	TV	DVB-S2	3/5		30.000		Albanian
	Europe B	First Channel	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Era	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Albanian Screen	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	National Geographic Channel HD Europe	TV	DVB-S2	3/5		30.000	Conax/Videoguard	English
	Europe B	Discovery HD Showcase	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Eurosport	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Eurosport 2 North-East	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	MTV Live HD	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Dorcel XXX	TV	DVB-S2	3/5		30.000	Conax	French
	Europe B	Baby TV Europe	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	City Radio	radio	DVB-S2	3/5		30.000		Albanian
	South East Africa	CanalSat Réunion	package	DVB-S2	?		30.000	Mediaguard 2	
	South East Africa	Canal + Cinéma Réunion	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	Canal + Family France	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	Eurosport France	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	Cine + Premier	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	National Geographic Channel France	TV	DVB-S2	?		30.000	Mediaguard 2	French
	South East Africa	Disney Cinemagic France	TV	DVB-S2	?		30.000	Mediaguard 2	French
10.928	H South East Africa	Parabole Réunion	package	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	
	South East Africa	France 5	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	TéléToon +	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Série Club	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Téva	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	W9	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Antenne Réunion TV	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	French
	South East Africa	TMC	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	France 2	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	CNN International	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	English
	South East Africa	TF 1	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Cine + Famiz	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Cine + Émotion	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	French
	South East Africa	RTL 9	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Discovery Channel France	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Réunion 1ère	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Ushuaïa TV	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Mangas	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	LCP	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	BFM TV	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Noot TV	TV	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	NRJ Réunion	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Koi FM	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	RTL Réunion	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Kréol FM	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	RER	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Exo FM	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Radio One	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Chérie FM	radio	DVB-S2	8/9		30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	France 3 Sat	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess 2.3/Viaccess 2.5	French
10.972	V Europe B	Total TV	package	DVB-S	5/6		27.500	Videoguard	
	Europe B	TV Alfa	TV	DVB-S	5/6		27.500	Videoguard	Bosnian
	Europe B	Federalna TV	TV	DVB-S	5/6	Y	27.500	Videoguard	Bosnian
	Europe B	OBN	TV	DVB-S	5/6	Y	27.500	Videoguard	Bosnian
	Europe B	BHT 1	TV	DVB-S	5/6	Y	27.500	Videoguard	Bosnian
	Europe B	B92 Info	TV	DVB-S	5/6		27.500	Videoguard	Serbian
	Europe B	Grand	TV	DVB-S	5/6		27.500		Serbian
	Europe B	TV Palma Plus	TV	DVB-S	5/6		27.500	Videoguard	Serbian
	Europe B	N1 Bosna i Hercegovina	TV	DVB-S	5/6		27.500	Videoguard	Bosnian
	Europe B	Mini Ultra	TV	DVB-S	5/6		27.500	Videoguard	Serbian
	Europe B	SOS Kanal	TV	DVB-S	5/6		27.500	Videoguard	Serbian
	Europe B	PinKids	TV	DVB-S	5/6		27.500	Videoguard	Serbian
	Europe B	Sport Klub 1 Slovenija	TV	DVB-S	5/6		27.500	Videoguard	Slovenian
	Europe B	TVCG 1	TV	DVB-S	5/6	Y	27.500	Videoguard	Serbian
	Europe B	Hit FM Radio	radio	DVB-S	5/6		27.500		Serbian
	Europe B	TDI Radio	radio	DVB-S	5/6		27.500		Serbian
10.976	H Sub-Sahara Africa	Sunna TV	TV	DVB-S	5/6		27.500		French
	Sub-Sahara Africa	Sunna TV 2	TV	DVB-S	5/6		27.500		French
	Sub-Sahara Africa	Sunna TV Savana	TV	DVB-S	5/6		27.500		Hausa
	Sub-Sahara Africa	Al-Faydatou Tidjania TV	TV	DVB-S	5/6		27.500		French
	Sub-Sahara Africa	Canal 3	TV	DVB-S	5/6		27.500		French
	Sub-Sahara Africa	Canal 3 Niger	TV	DVB-S	5/6		27.500		French
	Sub-Sahara Africa	Lynx TV	TV	DVB-S	5/6		27.500		English
	Sub-Sahara Africa	Touba Télé Medias	TV	DVB-S	5/6		27.500		French
10.977	H Sub-Sahara Africa	Tiji	TV	DVB-S2	?		24.113		French
11.005	H Sub-Sahara Africa	Viva	TV	DVB-S2	?		1.380		French
	Sub-Sahara Africa	Viva 98.8 FM	radio	DVB-S2	?		1.380		
11.011	V Europe B	Total TV	package	DVB-S	5/6		27.500	Conax/Videoguard	
	Europe B	24 Vesti	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	Alfa TV	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	Sitel TV	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	Sitel 3	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	Kanal 5	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	Kanal 5 plus	TV	DVB-S	5/6		27.500	Videoguard	Macedonian
	Europe B	N1 Hrvatska	TV	DVB-S	5/6		27.500	Videoguard	Croatian
	Europe B	Nova TV	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	HRT 1	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	HRT 2	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	RTL Hrvatska	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	RTL 2 Hrvatska	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	Doma Hrvatska	TV	DVB-S	5/6	Y	27.500	Videoguard	Croatian
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S	5/6		27.500	Videoguard	Croatian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.016	H Sub-Sahara Africa	E-Tele	TV	DVB-S2	2/3	1.500		French
11.019	H Sub-Sahara Africa	TV Centrafrique	TV	DVB-S2	?	1.795		French
11.024	H Sub-Sahara Africa	TV Malagasy	TV	DVB-S	?	3.330		
	Sub-Sahara Africa	Radio Madagasikara	radio	DVB-S	?	3.330		
11.046	H Europe A	Centrul National Media	package	DVB-S	3/4	10.555	Codicypt/BISS	
	Europe A	National TV	TV	DVB-S	3/4	10.555	Codicypt	Romanian
	Europe A	National 24 Plus	TV	DVB-S	3/4	10.555	BISS	Romanian
	Europe A	Favorit TV	TV	DVB-S	3/4	10.555		Romanian
	Europe A	Fresh FM	radio	DVB-S	3/4	10.555		Romanian
	Europe A	Favorit FM	radio	DVB-S	3/4	10.555		Romanian
	Europe A	National FM	radio	DVB-S	3/4	10.555	BISS	Romanian
11.069	H Europe A	Slam! FM	radio	DVB-S	1/2	.332		Dutch
11.070	H Europe A	Radio 538	radio	DVB-S	1/2	.332		Dutch
11.071	H Europe A	100% NL	radio	DVB-S	1/2	.332		Dutch
11.072	H Europe A	Sublime FM	radio	DVB-S	1/2	.334		Dutch
11.074	H Europe A	Elpitel	package	DVB-S	3/4	1.250		
	Europe A	Radio Città Futura	radio	DVB-S	3/4	1.250		Italian
	Europe A	Radio Margherita Network	radio	DVB-S	3/4	1.250		Italian
11.131	V Europe B	Intact Production	package	DVB-S2	2/3	16.593	Conax/Viaccess	
	Europe B	Antena 1	TV	DVB-S2	2/3	Y 16.593	Conax/Viaccess	Romanian
	Europe B	Antena Stars	TV	DVB-S2	2/3	Y 16.593	Conax/Viaccess	Romanian
	Europe B	Antena 3	TV	DVB-S2	2/3	Y 16.593	Conax/Viaccess	Romanian
	Europe B	Euforia TV	TV	DVB-S2	2/3	Y 16.593	Conax/Viaccess	Romanian
	Europe B	Zu TV	TV	DVB-S2	2/3	Y 16.593	Conax/Viaccess	Romanian
	Europe B	Antena International	TV	DVB-S2	2/3	16.593	Conax/Viaccess	Romanian
	Europe B	Radio Zu	radio	DVB-S2	2/3	16.593		Romanian
	Europe B	Romantic FM	radio	DVB-S2	2/3	16.593		Romanian
11.151	V Europe A	Pink	package	DVB-S2	2/3	13.268	Irdeto 2	
	Europe A	Pink Action 2	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Action 3	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Movies 2	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Movies 3	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Reality	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Premium	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Soap	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink World	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Zabava	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Pedia	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Music 3	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Live	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Folk 1	TV	DVB-S2	2/3	13.268		Serbian
	Europe A	Pink Comedy	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink and Roll	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Horror	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
	Europe A	Pink Folk 2	TV	DVB-S2	2/3	13.268	Irdeto 2	Serbian
11.178	V Europe B	Total TV	package	DVB-S	3/4	27.500	Videoguard	
	Europe B	Pink Plus	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian
	Europe B	Pink Extra	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink BH	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian
	Europe B	Pink M	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian
	Europe B	Pink Srbija	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian
	Europe B	Pink Action	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink Movies	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink Film	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink Music	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink 3	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink Family	TV	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Pink Radio	radio	DVB-S	3/4	27.500	Videoguard	Serbian
	Europe B	Radio Index	radio	DVB-S	3/4	27.500		Serbian
11.221	H Europe A	Total TV	package	DVB-S	3/4	30.000	Videoguard	
	Europe A	Hema TV	TV	DVB-S	3/4	30.000	Videoguard	Bosnian
	Europe A	Kanal A	TV	DVB-S	3/4	Y 30.000	Videoguard	Slovenian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe A	Brio	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	Pop TV	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	TV 3 Medias	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
	Europe A	MRT 1	TV	DVB-S	3/4		30.000	Videoguard	Macedonian
	Europe A	TV Slovenija 1	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	TV Slovenija 2	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	Oto	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	Kino	TV	DVB-S	3/4	Y	30.000	Videoguard	Slovenian
	Europe A	Klasik TV	TV	DVB-S	3/4		30.000	Videoguard	Croatian
	Europe A	Planet TV	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
11.231	V Europe A	Total TV	package	DVB-S	3/4		30.000	Conax/Videoguard	
	Europe A	Prva Plus	TV	DVB-S	3/4	Y	30.000	Videoguard	Serbian
	Europe A	Sport Klub 3	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
	Europe A	VH1 Europe	TV	DVB-S	3/4		30.000	Videoguard	English
	Europe A	Croatian Music Channel	TV	DVB-S	3/4	Y	30.000	Videoguard	Croatian
	Europe A	Fox Movies Slovenija	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
	Europe A	Comedy Central Hungary	TV	DVB-S	3/4		30.000	Conax/Videoguard	English
	Europe A	Fight Channel	TV	DVB-S	3/4		30.000	Videoguard	Croatian
	Europe A	TV 1	TV	DVB-S	3/4	Y	30.000	Videoguard	Bosnian
	Europe A	Crime + Investigation UK	TV	DVB-S	3/4		30.000	Videoguard	English
	Europe A	TV Vijesti	TV	DVB-S	3/4		30.000	Videoguard	Serbian
	Europe A	Fox Slovenija	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
	Europe A	Fox Life Slovenija	TV	DVB-S	3/4		30.000	Videoguard	Slovenian
	Europe A	Nova RS	TV	DVB-S	3/4		30.000	Videoguard	Serbian
11.262	H Europe B	Team:Media	package	DVB-S	2/3		30.000	Viaccess 2.5/Viaccess 5.0/Videoguard	
	Europe B	Hayat	TV	DVB-S	2/3	Y	30.000	Viaccess 5.0	Bosnian
	Europe B	Hayat Plus	TV	DVB-S	2/3	Y	30.000	Viaccess 5.0	Bosnian
	Europe B	Hayat Folk	TV	DVB-S	2/3	Y	30.000	Viaccess 5.0	Bosnian
	Europe B	BN TV Satelitski	TV	DVB-S	2/3		30.000	Viaccess 2.5	Serbian
	Europe B	BN Music	TV	DVB-S	2/3		30.000		Serbian
	Europe B	Face TV	TV	DVB-S	2/3		30.000	Viaccess 5.0/Videoguard	Bosnian
	Europe B	RTRS TV	TV	DVB-S	2/3	Y	30.000		Serbian
	Europe B	Hayatovci	TV	DVB-S	2/3		30.000	Viaccess 2.5	Bosnian
	Europe B	Hayat Music	TV	DVB-S	2/3		30.000		Bosnian
	Europe B	Radio Posavina	radio	DVB-S	2/3		30.000		Croatian
	Europe B	Radio Biser Posavine	radio	DVB-S	2/3		30.000		Croatian
	Europe B	Radio Stari Grad	radio	DVB-S	2/3		30.000		Bosnian
	Europe B	Kalman Radio	radio	DVB-S	2/3		30.000		Bosnian
	Europe B	Radio Bir	radio	DVB-S	2/3		30.000		Bosnian
	Europe B	Radio BN	radio	DVB-S	2/3		30.000		Serbian
	Europe B	Bobar Radio	radio	DVB-S	2/3		30.000		Serbian
	Europe B	Radio Lijepa Nasa	radio	DVB-S	2/3		30.000		Croatian
	Europe B	VIP Radio	radio	DVB-S	2/3		30.000		Serbian
	Europe B	Radio Mir Medjugorje	radio	DVB-S	2/3		30.000		Croatian
	Europe B	RTRS Radio	radio	DVB-S	2/3		30.000		Serbian
	Europe B	Radio Maria Romania	radio	DVB-S	2/3		30.000		Romanian
	Europe B	Radio Marija Srbija	radio	DVB-S	2/3		30.000		Croatian
	Europe B	Mária Rádió Szerbia	radio	DVB-S	2/3		30.000		Hungarian
	Europe B	Radio Maria Albania	radio	DVB-S	2/3		30.000		Albanian
	Europe B	Mária Rádió Erdély	radio	DVB-S	2/3		30.000		Hungarian
	Europe B	Radio Marija Bosnia	radio	DVB-S	2/3		30.000		Bosnian
	Europe B	Radio Mariam Armenia	radio	DVB-S	2/3		30.000		Armenian
11.283	V Europe B	Mtel	package	DVB-S2	2/3		30.000	Conax	
	Europe B	Kiss	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	Smash! Hits TV	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	Kerrang!	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	Magic TV	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	FilmBox Arthouse	TV	DVB-S2	2/3		30.000	Conax	English,Russian
	Europe B	DocuBox HD	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	FightBox HD	TV	DVB-S2	2/3		30.000	Conax	English,Russian
	Europe B	Eroxxx HD	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	The Box Africa	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	Eurosport 2 North-East	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	FilmBox HD	TV	DVB-S2	2/3		30.000	Conax	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.294	Europe B	FilmBox Plus	TV	DVB-S2	2/3	30.000	Conax	Czech,English
	H Sub-Sahara Africa	Consat	package	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	TVC News	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	NHK World TV	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Sky News International	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	France 24 English	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Bloomberg TV Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	MSNBC	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	TV 5 Monde Afrique	TV	DVB-S2	3/4	45.000		French
	Sub-Sahara Africa	DW	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	TVC Nolly	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	TVC Yoruba	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	TVC Hausa	TV	DVB-S2	3/4	45.000		Hausa
	Sub-Sahara Africa	TVC Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Kennis Music Channel	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	CNN International	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Tiwantiwa TV	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	MTV India	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	360 Tune Box	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	DocuBox HD	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Sports +	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	Optima Sports	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	FightBox HD	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	Fast & FunBox HD	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Consat promo	TV	DVB-S2	3/4	45.000		
	Sub-Sahara Africa	Colors	TV	DVB-S2	3/4	45.000	Nagravision 3	Hindi
	Sub-Sahara Africa	TVC Entertainment	TV	DVB-S2	3/4	45.000		
	Sub-Sahara Africa	FashionBox HD	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	KBS World	TV	DVB-S2	3/4	45.000	Nagravision 3	Korean
	Sub-Sahara Africa	Travel XP HD	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Wap TV	TV	DVB-S2	3/4	45.000		English
	Sub-Sahara Africa	FilmBox Arthouse	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Daystar TV	TV	DVB-S2	3/4	45.000		English
Sub-Sahara Africa	Dove TV	TV	DVB-S2	3/4	45.000		English	
Sub-Sahara Africa	Galaxy TV	TV	DVB-S2	3/4	45.000	Nagravision 3	English	
Sub-Sahara Africa	Lagos TV	TV	DVB-S2	3/4	45.000			
Sub-Sahara Africa	Ogun State TV	TV	DVB-S2	3/4	45.000	Nagravision 3		
Sub-Sahara Africa	Osun State Broadcasting Corporation	TV	DVB-S2	3/4	45.000	Nagravision 3		
Sub-Sahara Africa	Yoruba Swaga	TV	DVB-S2	3/4	45.000	Nagravision 3		
11.303	H Europe B	Team:Media	package	DVB-S2	2/3	30.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Face TV	TV	DVB-S2	2/3	30.000		Bosnian
	Europe B	K3	TV	DVB-S2	2/3	30.000		Serbian
	Europe B	Fight Channel	TV	DVB-S2	2/3	30.000	Viaccess 5.0	Croatian
	Europe B	A1 HD TV	TV	DVB-S2	2/3	30.000		
	Europe B	Canal Motor	TV	DVB-S2	2/3	30.000		
	Europe B	Atlas TV	TV	DVB-S2	2/3	30.000		Serbian
	Europe B	OBN+	TV	DVB-S2	2/3	30.000		Bosnian
	Europe B	FilmNet +	TV	DVB-S2	2/3	30.000		
11.324	V Europe B	Total TV	package	DVB-S	3/4	30.000	Videoguard	
	Europe B	Studio B	TV	DVB-S	3/4	Y 30.000	Videoguard	Serbian
	Europe B	RTRS TV	TV	DVB-S	3/4	Y 30.000	Videoguard	Serbian
	Europe B	Alternativna TV	TV	DVB-S	3/4	Y 30.000	Videoguard	Serbian
	Europe B	Cinemania	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	History Europe	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	Cinemax Central Europe	TV	DVB-S	3/4	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Cinemax 2 Central Europe	TV	DVB-S	3/4	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Sci Fi Channel East Europe	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	N1 Srbija	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	CineStar TV Srbija	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	CineStar TV Hrvatska	TV	DVB-S	3/4	30.000	Videoguard	Croatian
	Europe B	CineStar Action Srbija	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	CineStar Action Hrvatska	TV	DVB-S	3/4	30.000	Videoguard	Croatian
	Europe B	Fox Srbija	TV	DVB-S	3/4	30.000	Videoguard	Serbian
11.345	H Europe B	Total TV	package	DVB-S2	3/5	30.000	Videoguard	
	Europe B	RTV 1	TV	DVB-S2	3/5	Y 30.000	Videoguard	Serbian
	Europe B	OK Bambino	TV	DVB-S2	3/5	30.000	Videoguard	Croatian
	Europe B	Viasat Nature HD	TV	DVB-S2	3/5	30.000	Videoguard	English
	Europe B	Viasat History HD	TV	DVB-S2	3/5	30.000	Videoguard	English
	Europe B	N1 Srbija	TV	DVB-S2	3/5	30.000	Videoguard	Serbian
	Europe B	Sport Klub 1 Srbija	TV	DVB-S2	3/5	30.000	Videoguard	Serbian
	Europe B	Sport Klub 2	TV	DVB-S2	3/5	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Sport Klub 3	TV	DVB-S2	3/5	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Sport Klub HD	TV	DVB-S2	3/5	30.000	Videoguard	Serbian,Croatian,Slovenian
11.356	H Sub-Sahara Africa	Consat	package	DVB-S2	3/4	45.000		
	Sub-Sahara Africa	TVC News	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	BBC World News Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Sky News International	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Al Jazeera English	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Fox News Channel	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	France 24 English	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	CNBC Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Business TV	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Eurosport News	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Wap TV	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Kennis Music Channel	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Primetime Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Tiwantiwa TV	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Nigezie	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Viasat Explore Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Viasat Crime Africa	TV	DVB-S2	3/4	45.000	Nagravision 3	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	TVC Entertainment	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Iqraa Africa & Europe	TV	DVB-S2	3/4	45.000	Nagravision 3	English
	Sub-Sahara Africa	Oyo State Broadcasting Corporation	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Lagos TV	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Ogun State TV	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Edo Broadcasting Service	TV	DVB-S2	3/4	45.000	Nagravision 3	
	Sub-Sahara Africa	Osun State Broadcasting Corporation	TV	DVB-S2	3/4	45.000	Nagravision 3	
11.366	V Europe A	STN	package	DVB-S	3/4	30.000		
	Europe A	OTV Valentino	TV	DVB-S	3/4	30.000		Bosnian
	Europe A	Duga +	TV	DVB-S	3/4	30.000		Serbian
	Europe A	K CN Svet + 3	TV	DVB-S	3/4	30.000		Serbian
	Europe A	K CN 1	TV	DVB-S	3/4	30.000		Serbian
	Europe A	AMC Central Europe	TV	DVB-S	3/4	30.000	Irdeto 2	Serbian
	Europe A	Yu Planet Radio	TV	DVB-S	3/4	30.000		Serbian
	Europe A	K CN Music 2	TV	DVB-S	3/4	30.000		Serbian
	Europe A	Radio 1 Ljubljana	radio	DVB-S	3/4	30.000		Slovenian
	Europe A	Radio Ognjisce	radio	DVB-S	3/4	30.000		Slovenian
	Europe A	Fokus Radio	radio	DVB-S	3/4	30.000		Serbian
	Europe A	Radio Valentino	radio	DVB-S	3/4	30.000		Bosnian
	Europe A	Radio Antena Ljubljana	radio	DVB-S	3/4	30.000		Slovenian
	Europe A	Radio Srna Bosanka	radio	DVB-S	3/4	30.000		Bosnian
	Europe A	Yu Planet Radio	radio	DVB-S	3/4	30.000		Serbian
11.387	H Europe B	Total TV	package	DVB-S	3/4	30.000	Videoguard	
	Europe B	Sport Klub Golf	TV	DVB-S	3/4	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Lov i ribolov	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	Viasat Nature East	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	HBO Comedy Adria	TV	DVB-S	3/4	30.000	Videoguard	Serbian,Croatian,Slovenian,Macedonian
	Europe B	MTV Srbija	TV	DVB-S	3/4	30.000	Videoguard	Serbian
	Europe B	Disney Channel Polska	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	Ginx TV	TV	DVB-S	3/4	30.000	Videoguard	English,Czech,Polish
	Europe B	Mini TV	TV	DVB-S	3/4	30.000	Videoguard	Croatian
	Europe B	AXN Adria	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	CBS Reality Europe	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	CBS Drama Europe	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	Dorcel TV	TV	DVB-S	3/4	30.000	Videoguard	French
	Europe B	Brazzers TV Europe	TV	DVB-S	3/4	30.000	Videoguard	English
	Europe B	French Lover TV	TV	DVB-S	3/4	30.000	Videoguard	French
	Europe B	Hustler TV Europe	TV	DVB-S	3/4	30.000	Videoguard	English
11.400	V Europe B	Tring Digital	package	DVB-S2	3/4	13.846	Conax	
	Europe B	BBF Music TV	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Club TV	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Fox Life Regional	TV	DVB-S2	3/4	13.846	Conax	English
	Europe B	Fox Crime Regional	TV	DVB-S2	3/4	13.846	Conax	English
	Europe B	Elrodi TV	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Tele Sport	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Tirana TV	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	RTV 21 Sat	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Tring Fantasy	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Muse	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Bunga Bunga	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Bizarre	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	RTV 21 Plus	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Agon Channel	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	Tring History	TV	DVB-S2	3/4	13.846	Conax	Albanian
	Europe B	National Geographic Channel România	TV	DVB-S2	3/4	13.846	Conax	English
	Europe B	Club FM	radio	DVB-S2	3/4	13.846		Albanian
11.427	V Europe B	Tring Digital	package	DVB-S2	3/4	27.500	Conax	
	Europe B	Vizion Plus	TV	DVB-S2	3/4	27.500	Conax	Albanian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Tring Super	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Sport News	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Comedy	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tip TV	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Tring	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Planet	TV	DVB-S2	3/4	27.500	Conax	English
	Europe B	Kohavision	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Life	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Max	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Smile	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Luxe TV	TV	DVB-S2	3/4	27.500	Conax	
	Europe B	Motors TV	TV	DVB-S2	3/4	27.500	Conax	English
	Europe B	Jolly HD	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	3 Plus	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring World	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Era	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Living	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Tring Shqip	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Click	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	TVSH	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	RTV 21 Popullore	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Folk +	TV	DVB-S2	3/4	27.500		Albanian
	Europe B	RTV 21 Junior	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Planet TV	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Desire	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Sofia	TV	DVB-S2	3/4	27.500	Conax	Albanian
	Europe B	Kanali 7	TV	DVB-S2	3/4	27.500		Albanian
	Europe B	Travel Channel Europe	TV	DVB-S2	3/4	27.500	Conax	English
	Europe B	NRG Radio Albania	radio	DVB-S2	3/4	27.500		Albanian
11.470	V	Europe B	Mtel	package	DVB-S2	5/6	30.000	Conax
	Europe B	Diema Family	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Super 7	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Investigation Discovery Xtra	TV	DVB-S2	5/6	30.000	Conax	Hungarian
	Europe B	Cartoon Network Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	National Geographic Channel Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Animal Planet Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Discovery Science Channel	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Planeta HD	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	TV Evropa	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Auto Motor und Sport	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	BNT World	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Djazz TV	TV	DVB-S2	5/6	30.000	Conax	French
	Europe B	Planeta Folk	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Brava HD	TV	DVB-S2	5/6	30.000	Conax	Dutch
	Europe B	Discovery Channel Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Fine Living	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Fox Crime Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	24 Kitchen Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Baby TV Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	TV 7	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Duck TV SD	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Fox Bulgaria	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Fuel TV	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	BNT 2	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	BTV Comedy	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	BTV Cinema	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	BTV Lady	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
11.471	H	Europe B	Total TV	package	DVB-S	7/8	30.000	Videoguard
	Europe B	Viasat History	TV	DVB-S	7/8	30.000	Videoguard	English
	Europe B	Viasat Explore East	TV	DVB-S	7/8	30.000	Videoguard	English
	Europe B	TV 1000 Balkan	TV	DVB-S	7/8	30.000	Videoguard	English
	Europe B	Fox Crime Srbija	TV	DVB-S	7/8	30.000	Conax/Videoguard	Serbian
	Europe B	Fox Life Srbija	TV	DVB-S	7/8	30.000	Conax/Videoguard	Serbian
	Europe B	National Geographic Channel Srbija	TV	DVB-S	7/8	30.000	Conax/Videoguard	Serbian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Discovery Channel Srbija	TV	DVB-S	7/8		30.000	Conax/Videoguard	Serbian
	Europe B	Animal Planet Europe	TV	DVB-S	7/8		30.000	Videoguard	English
	Europe B	Universal Channel Hungary	TV	DVB-S	7/8		30.000	Videoguard	English
	Europe B	TLC Balkan	TV	DVB-S	7/8		30.000	Conax/Videoguard	English
	Europe B	24 Kitchen Srbija	TV	DVB-S	7/8		30.000	Videoguard	Serbian
	Europe B	Fox Movies Srbija	TV	DVB-S	7/8		30.000	Videoguard	Serbian
	Europe B	Investigation Discovery Europe	TV	DVB-S	7/8		30.000	Conax/Videoguard	English
	Europe B	E! Europe	TV	DVB-S	7/8		30.000	Videoguard	English
	South East Africa	CanalSat Réunion	package	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess	
	South East Africa	M6	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Ofive TV	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	NRJ 12	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Eurosport France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Equidia Live	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	D8	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Nickelodeon France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Télé Kréol	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess	
	South East Africa	Kanal Austral	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Nat Geo Wild France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Histoire	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	LCI	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Cine + Premier	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Cine + Frisson	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Colors	TV	DVB-S2	8/9		30.000	Mediaguard 2	Hindi
	South East Africa	Dorcel TV	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Disney XD France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Le Mouv'	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Radio France Internationale	radio	DVB-S2	8/9		30.000		French
	South East Africa	France Info	radio	DVB-S2	8/9		30.000		French
	South East Africa	Jazz Radio	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	RFM	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Réunion 1ère Radio	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	RMJ	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	RMC	radio	DVB-S2	8/9		30.000	Mediaguard 2	French
11.512	H Europe B	Max TV	package	DVB-S2	3/4		30.000	Nagravision 3	
	Europe B	TV Romania	package	DVB-S2	2/3		29.950		
	Europe B	TVR 1	TV	DVB-S2	2/3	Y	29.950	Conax/Viaccess 2.6	Romanian
	South East Africa	CanalSat Réunion	package	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess	
	Europe B	Sport Klub 2	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	TVR 2	TV	DVB-S2	2/3	Y	29.950	Conax/Viaccess 2.6	Romanian
	Europe B	TVR 3	TV	DVB-S2	2/3	Y	29.950		Romanian
	South East Africa	Voyage	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess	French
	Europe B	Kreator TV	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	TVR Moldova	TV	DVB-S2	2/3		29.950	Conax/Viaccess 2.6	Romanian
	South East Africa	+ de Sport 2	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	TVR News	TV	DVB-S2	2/3		29.950		Romanian

Freq	Beam		Analog	Diff	Fec		Symb of Rate	Acces	Lang
	Europe B	24 Sata	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	TVR International	TV	DVB-S2	2/3	Y	29.950		Romanian
	South East Africa	Planète +	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	TVR Cluj	TV	DVB-S2	2/3	Y	29.950		Romanian
	Europe B	RTL Plus	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	TVR Craiova	TV	DVB-S2	2/3	Y	29.950		Romanian
	South East Africa	MCM France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	TVR Iasi	TV	DVB-S2	2/3	Y	29.950		Romanian
	Europe B	National Geographic Channel Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	TVR Timisoara	TV	DVB-S2	2/3	Y	29.950		Romanian
	South East Africa	Jimmy	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	TVR Targu-Mures	TV	DVB-S2	2/3	Y	29.950		Romanian
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	TVR HD	TV	DVB-S2	2/3		29.950	Conax/Viaccess 2.6	Romanian
	South East Africa	Syfy France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Radio România International 1	radio	DVB-S2	2/3		29.950		Romanian
	Europe B	Animal Planet Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Radio România International 2	radio	DVB-S2	2/3		29.950		Romanian
	South East Africa	TMC	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Discovery Science Channel	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	I>Télé	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Discovery World	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	Zee TV UK	TV	DVB-S2	8/9		30.000	Mediaguard 2	Hindi
	Europe B	Orlando Kids	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	L'Équipe 21	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	TCM Cinéma	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Baby TV Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	13ème Rue	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	Ma Chaîne Sport	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	CineStar TV Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	Seasons	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Fox Life Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	Trace Urban	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Fox Crime Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	Disney Channel France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Universal Channel Hungary	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	Paris Première	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	TV 1000 Balkan	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	Planète + A&E	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Sci Fi Channel East Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	South East Africa	Zee Cinema UK	TV	DVB-S2	8/9		30.000	Mediaguard 2	Hindi
	Europe B	HBO Adria	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	TV Malagasy	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	HBO Comedy Adria	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	Mezzo	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	Europe B	Cinemax Central Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	Brazzers TV Europe	TV	DVB-S2	8/9		30.000	Mediaguard 2	English
	Europe B	Cinemax 2 Central Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	Planète + Thalassa	TV	DVB-S2	8/9		30.000	Mediaguard 2/Nagravision/Viaccess	French
	Europe B	Eurosport	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Eurosport 2 North-East	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Jugoton TV	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Sport Klub Start	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Arena Sport 3 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Arena Sport 4 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Sport Klub 3	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
11.554	V Europe B	Direct2home	package	DVB-S2	5/6		30.000	Conax	
	South East Africa	France TV	package	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	
	Europe B	HRT 1	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	Réunion 1ère	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Europe B	HRT 2	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	Mayotte 1ère	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	South East Africa	France 24 Français	TV	DVB-S2	5/6		30.000		French
	Europe B	RTL Hrvatska	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	France 2	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Europe B	Nova TV	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	France 3 Sat	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Europe B	RTL 2 Hrvatska	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	Doma Hrvatska	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	France 4	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Europe B	Fox Life Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France 5	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	South East Africa	ARTE Français	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	Europe B	Fox Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Disney Channel Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France Ô	TV	DVB-S2	5/6		30.000	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
	South East Africa	France 2	TV	DVB-S2	5/6		30.000	Viaccess 4.0	French
	Europe B	National Geographic Channel Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	ARTE Français	TV	DVB-S2	5/6		30.000	Viaccess 4.0	French
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France 3 Sat	TV	DVB-S2	5/6		30.000	Viaccess 4.0	French
	Europe B	HRT 3	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	Croatian Music Channel	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	Outre-mer 1ère	radio	DVB-S2	5/6		30.000	Viaccess 4.0	French
	Europe B	Discovery Channel Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	Réunion 1ère Radio	radio	DVB-S2	5/6		30.000	Viaccess 4.0	French
	Europe B	Universal Channel Hungary	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	Le Mouv'	radio	DVB-S2	5/6		30.000		French
	Europe B	TV 1000 Balkan	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	Radio France Internationale	radio	DVB-S2	5/6		30.000		French
	Europe B	Sport Klub 3	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France Info	radio	DVB-S2	5/6		30.000		French
	Europe B	CineStar Action Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France Culture	radio	DVB-S2	5/6		30.000		French
	Europe B	Animal Planet Europe	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	France Inter	radio	DVB-S2	5/6		30.000		French
	Europe B	Total TV	package	DVB-S	7/8		30.000	Videoguard	
	Europe B	CineStar TV Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	RTS 1	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	Cartoon Network Central & Eastern Europe	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	RTS 2	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	Pink 2	TV	DVB-S	7/8		30.000	Videoguard	Serbian
	Europe B	Viasat Explore East	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Prva Srpska TV	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	Sportska TV	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	TV B92	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	CNN International Europe	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Happy	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	HBO Adria	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian,Croatian,Slovenian,Macedonian,English
	Europe B	TLC Balkan	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	OK Bambino	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Sport Klub 1 Srbija	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	Sport Klub 2	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Viasat History	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Mini TV	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	Sport Klub 3	TV	DVB-S	7/8		30.000	Videoguard	Serbian,Croatian,Slovenian
	Europe B	Eurosport	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian,English
	Europe B	RTL Plus	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Eurosport 2 North-East	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian,English
	Europe B	VH1 Europe	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Eurosport 2 North-East	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Ultra	TV	DVB-S	7/8		30.000	Videoguard	Serbian
	Europe B	Jugoton TV	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Minimax Romania	TV	DVB-S	7/8		30.000	Videoguard	Serbian,Slovenian
	Europe B	Film + Serbia	TV	DVB-S	7/8	Y	30.000	Videoguard	Serbian
	Europe B	B92 FM	radio	DVB-S	7/8		30.000		Serbian
	Europe B	Radio Studio B	radio	DVB-S	7/8		30.000		Serbian
11.595	H Europe B	Max TV	package	DVB-S2	3/4		30.000	Nagravision 3	
	Europe B	Mtel	package	DVB-S2	5/6		30.000	Conax	
	Europe B	BNT 1	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Brazzers TV Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	BTV	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Hustler TV Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	BTV Action	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Dorcel TV	TV	DVB-S2	3/4		30.000	Nagravision 3	French
	Europe B	Nova Sport	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Private TV	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Arena Sport 2 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	History Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Nova TV	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	BTV Sports	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Diema	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	CBS Reality Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Kino Nova	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Viasat History	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Fox Life Bulgaria	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Viasat Explore East	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	News 7	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Nickelodeon Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	AXN Adria	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Bulgaria On Air	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Platinum TV	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Motors TV	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	HRT 1	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	Okhota i Rybalka	TV	DVB-S2	5/6		30.000	Conax	Russian
	Europe B	Diema Sport	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Eurosport	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Extreme Sports Channel	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Croatian Music Channel	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	FTV HD Europe	TV	DVB-S2	5/6	30.000		
	Europe B	The Voice TV Bulgaria	TV	DVB-S2	5/6	30.000		Bulgarian
	Europe B	VH1 Europe	TV	DVB-S2	3/4	30.000	Nagravision 3	English
	Europe B	Magic TV	TV	DVB-S2	5/6	30.000		Bulgarian
	Europe B	VH1 Classic Europe	TV	DVB-S2	3/4	30.000	Nagravision 3	English
	Europe B	Disney Channel Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Dusk! International	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	CNN International Europe	TV	DVB-S2	3/4	30.000	Nagravision 3	English
	Europe B	Fox Movies Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Nickelodeon Europe	TV	DVB-S2	5/6	30.000	Conax	Croatian,Bulgarian
	Europe B	BNT HD	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	E! Europe	TV	DVB-S2	3/4	30.000	Nagravision 3	English
	Europe B	Fox Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	HR Prvi program	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Otvoreni Radio	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	KIKA	TV	DVB-S2	3/4	30.000	Nagravision 3	German
	Europe B	Narodni Radio	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	Antena Zagreb	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	Radio 101	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Prvi Radio	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Radio Kaj	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	HR Radio Sljeme	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Soundset Plavi	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	KLFM	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Radio Dalmacija	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Radio Marija Hrvatska	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	Hrvatski Katolicki Radio	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	HR Radio Split	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Radio Ritam	radio	DVB-S2	3/4	30.000	Nagravision 3	Croatian
	Europe B	Enter ZG	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	Radio Centar Studio Porec	radio	DVB-S2	3/4	30.000		Croatian
	Europe B	Totalni FM Velika Gorica	radio	DVB-S2	3/4	30.000		Croatian
11.596	H South East Africa	Parabole Réunion	package	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	
	South East Africa	Star Gold	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	Hindi
	South East Africa	Kwezi TV	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Star Plus	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	Hindi
	South East Africa	M6 Music	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	MTV Base Africa	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	English
	South East Africa	Escales	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Piwi +	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	TV Breizh	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	
	South East Africa	InfoSport +	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	AB Moteurs	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Eurosport France	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Comédie +	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Planète + CI	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Cine + Classic	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Eurosport 2	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	M6 Music Black	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Racing International	TV	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South East Africa	RTL	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Radio Classique	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	RMC	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	RCF National	radio	DVB-S2	8/9	30.000		French
	South East Africa	Free Dom 1	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Radio Plus FM	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Réunion 1ère Radio	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Europe 1	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Gasy Radio	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	
	South East Africa	Radio Tana	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	
	South East Africa	Top FM	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
	South East Africa	Radio Musique Infos Mayotte	radio	DVB-S2	8/9	30.000		
	South East Africa	Nostalgie la légende	radio	DVB-S2	8/9	30.000	Viaccess 2.3/Viaccess 2.5	French
11.637	H Europe B	Direct2home	package	DVB-S2	5/6	30.000	Conax	
	Europe B	Mediaset Italia	TV	DVB-S2	5/6	30.000	Conax	Italian
	Europe B	MTV Hrvatska	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	24 Kitchen Hrvatska	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Fox Crime Hrvatska	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	E! Europe	TV	DVB-S2	5/6	30.000	Conax	English,English
	Europe B	Investigation Discovery Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Kino TV	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Klasik TV	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Sport Klub 2	TV	DVB-S2	5/6	30.000	Conax	Croatian,Serbian,Slovenian
	Europe B	CBS Reality Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Sci Fi Polska	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Fight Channel	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Orlando Kids	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Balkanika Music TV	TV	DVB-S2	5/6	30.000	Conax	Bulgarian
	Europe B	Federalna TV	TV	DVB-S2	5/6	30.000	Conax	Bosnian
	Europe B	Discovery Science Channel	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Discovery World	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Kreator TV	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Hustler TV Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	History Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	CineStar Premiere 2	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	CineStar Premiere 1	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Hustler TV Europe	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Z1	TV	DVB-S2	5/6	30.000		Croatian
	Europe B	RTL Kockica	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Radio Dalmacija	radio	DVB-S2	5/6	30.000		Croatian
	South East Africa	CanalSat Réunion	package	DVB-S2	8/9	30.000	Mediaguard 2	
	South East Africa	Trace Tropical	TV	DVB-S2	8/9	30.000	Mediaguard 2	French
	South East Africa	MTV France	TV	DVB-S2	8/9	30.000	Mediaguard 2	French
	South East Africa	EuroNews	TV	DVB-S2	8/9	30.000	Mediaguard 2	French,German,Spanish,English,Italian,Russian
	South East Africa	Sport +	TV	DVB-S2	8/9	30.000	Mediaguard 2	French
	South East Africa	+ de Sport	TV	DVB-S2	8/9	30.000	Mediaguard 2	French
	South East Africa	Cartoon Network France	TV	DVB-S2	8/9	30.000	Mediaguard 2	French
	South East Africa	BBC World News Africa	TV	DVB-S2	8/9	30.000	Mediaguard 2	English
	South East Africa	RFM TV	TV	DVB-S2	8/9	30.000	Mediaguard 2	French

Freq	Beam		Analog	Diff	Fec		Symb of Rate	Acces	Lang
	South East Africa	Action	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	June	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Cuisine +	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Game One	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Zing UK	TV	DVB-S2	8/9		30.000	Mediaguard 2	Hindi
	South East Africa	Trace Sport Stars	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Ushuaia TV	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	MCS Extrême	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	XXL	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Maison +	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Disney Junior France	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Libido TV	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
	South East Africa	Star Plus	TV	DVB-S2	8/9		30.000	Mediaguard 2	Hindi
	South East Africa	ORTC TV	TV	DVB-S2	8/9		30.000	Mediaguard 2	French
11.645	V Europe A	HBO Adria	TV	DVB-S2	5/6		27.700	Videoguard	Serbian,Croatian,Slovenian,English
	Europe A	HBO Comedy Adria	TV	DVB-S2	5/6		27.700	Videoguard	Serbian,Croatian,Slovenian,English
	Europe A	Prva TV Crna Gora	TV	DVB-S2	5/6		27.700	Videoguard	Serbian
	Europe A	Animal Planet Europe	TV	DVB-S2	5/6		27.700	Videoguard	English
	Europe A	Discovery Channel Srbija	TV	DVB-S2	5/6		27.700	Videoguard	Serbian
	Europe A	Fox Movies Srbija	TV	DVB-S2	5/6		27.700	Videoguard	Serbian
11.678	H South East Africa	Orange Réunion	package	DVB-S2	3/5		30.000	Viaccess 3.0	
	South East Africa	OCS max	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	OCS City	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	OCS choc	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	OCS geants	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	M6	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	Europe B	Discovery Channel Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	South East Africa	TMC	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	LCP	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	NRJ 12	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	Dorcel TV	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	M6	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	TF 1	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	Orange sport info	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	Equidia Live	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	D8	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	South East Africa	TF 1	TV	DVB-S2	3/5		30.000	Viaccess 3.0	French
	Europe B	Lov i ribolov	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Max TV	package	DVB-S2	3/4		30.000	Nagravision 3	
	Europe B	MTV Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Max GP	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Crime + Investigation UK	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Viasat Nature East	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Sport Klub Golf	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Discovery Channel Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Eurosport News	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Mini TV	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	MTV Dance	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	MTV Hits	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Djazz TV	TV	DVB-S2	3/4		30.000	Nagravision 3	French
	Europe B	TLC Balkan	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	24 Kitchen Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Comedy Central Extra Central Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
	Europe B	Sportska TV	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Klasik TV	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	HRT 2	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	Arena Sport 1 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	RTL Hrvatska	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	Nova TV	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	RTL 2 Hrvatska	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	Doma Hrvatska	TV	DVB-S2	3/4	Y	30.000	Nagravision 3	Croatian
	Europe B	HRT 3	TV	DVB-S2	3/4		30.000	Nagravision 3	Croatian
	Europe B	Blue Hustler Europe	TV	DVB-S2	3/4		30.000	Nagravision 3	English
12.521	H Sub-Sahara Africa	Consat	package	DVB-S2	?		30.000	Nagravision 3	
	Sub-Sahara Africa	Al Jazeera English	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Fox News Channel	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Fox Business	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	BET International	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	MTV Base Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Viasat Nature Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Viasat Explore Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Extreme Sports Channel	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	AMD Sisters	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	AMD One	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	AMD Screen	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Fashion TV Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Fine Living	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	AMD Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	Nickelodeon Africa	TV	DVB-S2	?		30.000	Nagravision 3	English
	Sub-Sahara Africa	JimJam Middle East	TV	DVB-S2	?		30.000	Nagravision 3	English
12.559	V Europe B	Trinitas TV	TV	DVB-S2	3/4		2.222		Romanian
	Europe B	Radio Trinitas	radio	DVB-S2	3/4		2.222		Romanian
12.564	V Europe B	Kanal D Romania	TV	DVB-S	3/4		3.617	BISS	Romanian
	Sub-Sahara Africa	TFM	package	DVB-S2	2/3		30.000		
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3		30.000		French
12.570	H Europe A	SIC Internacional	TV	DVB-S	7/8		3.703		Portuguese
12.575	V Europe B	Digital Sky	package	DVB-S2	3/4		6.000		
	Europe B	Etno TV	TV	DVB-S2	3/4		6.000		Romanian
	Europe B	Alfa Omega TV	TV	DVB-S2	3/4		6.000		Romanian
	Europe B	Taraf TV	TV	DVB-S2	3/4		6.000		Romanian
	Europe B	West TV Regional	TV	DVB-S2	3/4		6.000		Romanian
	Europe B	Estrada TV	TV	DVB-S2	3/4		6.000		Romanian
12.593	V Europe B	DM Sat	TV	DVB-S	2/3		2.500		Serbian
12.597	V Europe B	TVCG Sat	TV	DVB-S	2/3		2.848		Serbian
	Europe B	Radio CG 1	radio	DVB-S	2/3		2.848		Serbian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.604	H Sub-Sahara Africa	TV Sat Africa	package	DVB-S2	2/3	30.000	Viaccess	
	Sub-Sahara Africa	TF 1	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	France 2	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	France 3 Sat	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	France 5	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	France Ô	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	RTL 9	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	AB 3	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Mangas	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	AB Moteurs	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	AB 1	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Escales	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Toute l'Histoire	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Encyclo	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Animaux	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Action	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Ciné FX	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Polar	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	NT1	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	TMC	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Fox Sports Africa	TV	DVB-S2	2/3	30.000	Viaccess	French,English
	Sub-Sahara Africa	KTO	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Trace Africa	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Cartoon Network France	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Boomerang France	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Boing France	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	TV Sat Africa promo	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	XXL	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	Nollywood TV	TV	DVB-S2	2/3	30.000	Viaccess	French
	Sub-Sahara Africa	RTL	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Virgin Radio France	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Skyrock	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	France Inter	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Radio France Internationale	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Fun Radio	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	RMC	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Europe 1	radio	DVB-S2	2/3	30.000		French
12.615	V Europe B	Atlas TV	TV	DVB-S	1/2	2.500		Serbian
12.633	V Europe B	RTK 1	TV	DVB-S	1/2	4.883		Albanian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Radio Kosova 1	radio	DVB-S	1/2	4.883		Albanian
	Europe B	Radio Kosova 2	radio	DVB-S	1/2	4.883		
12.640	H Europe B	Agon Channel Italia	TV	DVB-S2	3/4	2.020		Italian
12.644	V Europe B	Freesat	package	DVB-S2	3/4	13.200	Conax/Viaccess	
	Europe B	Prima TV	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Kanal D Romania	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	National TV	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Pro TV	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Sport.ro	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Acasa TV	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	Pro Cinema	TV	DVB-S2	3/4	13.200	Conax/Viaccess	Romanian
	Europe B	B1	TV	DVB-S2	3/4	13.200		Romanian
12.654	H Europe B	Unire	package	DVB-S	2/3	11.111	PowerVu	
	Europe B	Unire TV 1	TV	DVB-S	2/3	11.111	PowerVu	Italian
	Europe B	Unire TV 2	TV	DVB-S	2/3	11.111	PowerVu	Italian
	Europe B	Unire Blu	TV	DVB-S	2/3	11.111	PowerVu	Italian
12.656	V Europe B	TVSH Satelit	TV	DVB-S	1/2	4.883		Albanian
	Europe B	Radio Tirana	radio	DVB-S	1/2	4.883		
12.676	H Europe B	Nezavisni Radio Studio 99	radio	DVB-S	3/4	4.248		Bosnian
12.680	H Europe B	Joe FM	radio	DVB-S	1/2	.333		Dutch
12.699	H Europe B	SNAI Sat	package	DVB-S	1/2	9.880	PowerVu	
	Europe B	SNAI Sat	TV	DVB-S	1/2	9.880	PowerVu	Italian
	Europe B	Unire Sat	TV	DVB-S	1/2	9.880	PowerVu	Italian
12.710	H Europe B	Dixi Media	package	DVB-S2	3/5	5.165		
	Europe B	TV 7	TV	DVB-S2	3/5	5.165		Romanian
	Europe B	TNT Bravo	TV	DVB-S2	3/5	5.165		Russian
	Europe B	STS Mega	TV	DVB-S2	3/5	5.165		Russian
	Europe B	SET Russia	TV	DVB-S2	3/5	5.165		Romanian
	Europe B	Radio Alla	radio	DVB-S2	3/5	5.165		
	Europe B	Hit FM Moldova	radio	DVB-S2	3/5	5.165		
	Europe B	Radio Stil	radio	DVB-S2	3/5	5.165		
12.738	H Europe B	The Money Channel	TV	DVB-S	3/4	4.847		Romanian
21.538	H Europe C	Vision 4	TV	DVB-S2	3/4	1.054		French
21.540	H Europe C	Equinox TV	TV	DVB-S2	3/4	1.071		French
21.543	H Europe C	LTM TV	TV	DVB-S2	3/4	1.071		French
21.545	H Europe C	STV	package	DVB-S2	5/6	2.143		
	Europe C	Boom TV	TV	DVB-S2	5/6	2.143		French
	Europe C	STV	TV	DVB-S2	5/6	2.143		French
21.550	H Europe C	Electron TV	TV	DVB-S2	3/4	1.054		French
21.553	H Europe C	Canal 2 International	package	DVB-S2	3/4	4.166		
	Europe C	Canal 2 International	TV	DVB-S2	3/4	4.166		French
	Europe C	Canal 2 Infos	TV	DVB-S2	3/4	4.166		French
	Europe C	Canal 2 Musique	TV	DVB-S2	3/4	4.166		French
	Europe C	Canal 2 Movies	TV	DVB-S2	3/4	4.166		French
	Europe C	Free Africa promo	TV	DVB-S2	3/4	4.166		French
	Europe C	Sweet FM	radio	DVB-S2	3/4	4.166		French
21.559	H Europe C	TFM	TV	DVB-S2	3/4	1.071		French
	Europe C	RFM	radio	DVB-S2	3/4	1.071		French
21.560	H Europe C	Golfe TV	TV	DVB-S2	2/3	1.010		French
	Europe C	Golfe FM	radio	DVB-S2	2/3	1.010		French
21.562	H Europe C	ImpactTV	TV	DVB-S2	2/3	1.010		French
21.564	H Europe C	Radio Immaculée Conception	radio	DVB-S	3/4	.128		French
21.569	H Europe C	Sikka TV	TV	DVB-S2	3/4	1.071		French
	Europe C	Radio Soleil	radio	DVB-S2	3/4	1.071		French
21.571	H Europe C	TFM	package	DVB-S2	5/6	2.900		
	Europe C	TFM	TV	DVB-S2	5/6	2.900		French

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10.972	V Wide	Baghdad TV	TV	DVB-S	3/4	2.170		Arabic
10.978	V Wide	Al Falstiniyah TV	TV	DVB-S	3/4	2.170		Arabic
10.992	H Wide	Rûdaw	TV	DVB-S2	5/6	3.220		Kurdish
11.004	H Wide	KNN	TV	DVB-S2	5/6	2.592		Kurdish
	Wide	Radio Gorran	radio	DVB-S2	5/6	2.592		Kurdish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.128	H Wide	Horizon Satellite Services	interactiv e	DVB-S2	4/5	10.450		
11.274	V Wide	Horizon Satellite Services	interactiv e	DVB-S2	5/6	15.000		
11.310	V Wide	Skylogic	interactiv e	DVB-S2	2/3	7.311		
11.324	V Wide	Horizon Satellite Services	interactiv e	DVB-S2	.	30.000		
11.341	H Wide	unknown	package	DVB-S2	2/3	26.460	BISS	
	Wide	Topaz TV	TV	DVB-S2	2/3	26.460	BISS	Azerbaijan
	Wide	Alpha 98 9	radio	DVB-S2	2/3	26.460		Greek
11.488	V Wide	Afaq Satellite Channel	TV	DVB-S	3/4	2.150		Arabic
11.494	V Wide	In TV	TV	DVB-S2	3/4	1.500		Arabic
11.497	V Wide	ERI TV	TV	DVB-S	3/4	2.170		
	Wide	MBC FM	radio	DVB-S	3/4	2.150		Arabic
11.519	V Wide	Alahwaz TV	TV	DVB-S2	5/6	1.500		Farsi
11.532	V Wide	Alrai TV	TV	DVB-S	3/4	2.857		Arabic
11.558	V Wide	Payam TV	TV	DVB-S2	3/4	1.650		Arabic
	Wide	Payam Quran Radio	radio	DVB-S2	3/4	1.650		Arabic
11.577	H Western	Medi 1 Radio	package	DVB-S	2/3	.512		
	Western	Medi 1 Maghreb	radio	DVB-S	2/3	.512		Arabic
	Western	Medi 1 Afrique	radio	DVB-S	2/3	.512		French
11.582	V Wide	MBC Maghreb Al-Arabia	TV	DVB-S	7/8	2.850	BISS	Arabic
11.593	V Wide	Almasirah TV	TV	DVB-S2	3/4	1.500	BISS	Arabic
11.599	H Western	Chada FM	package	DVB-S	3/4	.255		
	Western	Chada FM	TV	DVB-S	3/4	.255		Arabic
	Western	Chada FM	TV	DVB-S	3/4	.255		Arabic
11.610	H Western	Skylogic	interactiv e	DVB-S	7/8	6.200		
11.614	H Western	MFM Radio	TV	DVB-S	3/4	.376		French
11.619	V Wide	Skylogic	interactiv e	DVB-S	2/3	12.500		
11.674	H Wide	Almasirah TV	TV	DVB-S2	3/4	1.500		Arabic
11.678	V Wide	Al Hadath	TV	DVB-S	7/8	2.850		Arabic
11.690	H Wide	LBC	package	DVB-S2	5/6	2.894		
	Wide	LBC Europe	TV	DVB-S2	5/6	2.894		Arabic
	Wide	LDC	TV	DVB-S2	5/6	2.894		Arabic
	Wide	LDC America & Australia	TV	DVB-S2	5/6	2.894		Arabic
	Wide	Radio Liban Libre	radio	DVB-S2	5/6	2.894		Arabic
11.691	V Wide	Azaal TV	TV	DVB-S	3/4	1.445		Arabic

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11.142	V MENA Ku	unknown	package	DVB-S	3/4	27.500		
	MENA Ku	Al Resoul	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Alaraby TV	TV	DVB-S	3/4	27.500		Arabic
11.547	V MENA Ku	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	
	MENA Ku	BeIn Sports 1 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
	MENA Ku	BeIn Sports 2 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
	MENA Ku	BeIn Sports 3 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
	MENA Ku	BeIn Sports 4 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
11.566	H MENA Ku	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	
	MENA Ku	BeIn Sports Global	TV	DVB-S2	2/3	27.500		Arabic
	MENA Ku	BeIn Sports 1 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic
	MENA Ku	BeIn Sports 2 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic
	MENA Ku	BeIn Sports 11 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	English
	MENA Ku	BeIn Sports 13 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	French
11.585	V MENA Ku	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	
	MENA Ku	BeIn Sports 5 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
	MENA Ku	BeIn Sports 6 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English,English
	MENA Ku	BeIn Sports 7 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English
	MENA Ku	BeIn Sports 8 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English
11.604	H MENA Ku	Al Jazeera	package	DVB-S	3/4	27.500		
	MENA Ku	Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Al Jazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Al Jazeera English	TV	DVB-S	3/4	27.500		English
	MENA Ku	Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Qatar TV	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA Ku	Al Jazeera Mubasher Misr	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Al Jazeera America	TV	DVB-S	3/4	27.500		English
11.623	V MENA Ku	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	
	MENA Ku	BeIn Sports 9 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic,English
	MENA Ku	BeIn Sports 10 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Arabic
	MENA Ku	BeIn Sports 15 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	Spanish
	MENA Ku	BeIn Sports Global	TV	DVB-S2	2/3	27.500		Arabic
	MENA Ku	BeIn Sports News	TV	DVB-S2	2/3	27.500		Arabic
11.642	H MENA Ku	BeIn Sports	package	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	
	MENA Ku	BeIn Sports 11 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	English,English
	MENA Ku	BeIn Sports 12 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	English,English
	MENA Ku	BeIn Sports 13 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	French,French
	MENA Ku	BeIn Sports 14 HD	TV	DVB-S2	2/3	27.500	Irdeto 2/KeyFly/Viaccess 4.0	French,French
11.664	V MENA Ku	Noorsat	package	DVB-S	3/4	27.500		
	MENA Ku	Kaleme TV	TV	DVB-S	3/4	27.500		Farsi
	MENA Ku	BBC Persian	TV	DVB-S	3/4	27.500		Farsi
	MENA Ku	Al Velayeh TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Bahrain TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	The Word Network	TV	DVB-S	3/4	27.500		English
	MENA Ku	Oromia Media Network	TV	DVB-S	3/4	27.500		
	MENA Ku	SBN	TV	DVB-S	3/4	27.500		English,Spanish
	MENA Ku	Sama TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Wesal English	TV	DVB-S	3/4	27.500		English
	MENA Ku	OTV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Taha TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	VoA TV Persian	TV	DVB-S	3/4	27.500		Farsi
	MENA Ku	Al Malakoot Sat	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Assirat TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Orient News	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	The Overcomer	radio	DVB-S	3/4	27.500		English
	MENA Ku	Orient Radio	radio	DVB-S	3/4	27.500		Arabic
11.681	H MENA Ku	Noorsat	package	DVB-S	3/4	27.500		
	MENA Ku	Karameesh Plus	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Zweina Baladna	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	MENA Ku	Alwilayah TV	TV	DVB-S	3/4	27.500		Farsi
21.421	V MENA Ka	unknown	package	DVB-S	3/4	27.500		
	MENA Ka	Waar HD	TV	DVB-S	3/4	27.500		Kurdish
	MENA Ka	Rûdaw	TV	DVB-S	3/4	27.500		Kurdish
	MENA Ka	Waar Radio	radio	DVB-S	3/4	27.500		Kurdish
	MENA Ka	Rûdaw FM	radio	DVB-S	3/4	27.500		Kurdish
	MENA Ka	Radyo Ekin	radio	DVB-S	3/4	27.500		Turkish

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11.222	H Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	UCB TV	TV	DVB-S	2/3	27.500		English
	Super	Ummah Channel	TV	DVB-S	2/3	27.500		English
	Super	Property TV	TV	DVB-S	2/3	27.500		English
	Super	Babestation Daytime Xtra	TV	DVB-S	2/3	27.500		English
	Super	Chat Box	TV	DVB-S	2/3	27.500		English
	Super	TJC Choice	TV	DVB-S	2/3	27.500		English
	Super	Takbeer TV	TV	DVB-S	2/3	27.500		Arabic
	Super	Geo UK	TV	DVB-S	2/3	27.500		Urdu
	Super	TV 99	TV	DVB-S	2/3	27.500		
	Super	Ahlulbayt TV	TV	DVB-S	2/3	27.500		English
	Super	BFBS Radio Digital	radio	DVB-S	2/3	27.500		English
	Super	LBC London	radio	DVB-S	2/3	27.500		English
	Super	Heart 106.2 London	radio	DVB-S	2/3	27.500		English
	Super	LBC London News	radio	DVB-S	2/3	27.500		English
11.224	V Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	NHK World TV	TV	DVB-S	2/3	27.500		English,English
	Super	RT UK	TV	DVB-S	2/3	27.500		English
11.260	V Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	Phoenix CNE	TV	DVB-S	2/3	27.500		English,Chinese
	Super	Islam Channel Urdu	TV	DVB-S	2/3	27.500		Urdu

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	MTA International	TV	DVB-S	2/3	27.500		Urdu,English,French,German,Arabic,Bengali
	Super	TBN Europe	TV	DVB-S	2/3	27.500		English
	Super	God TV United Kingdom	TV	DVB-S	2/3	27.500		English
	Super	Revelation TV	TV	DVB-S	2/3	27.500		English
	Super	B4U Movies UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Super	B4U Music UK	TV	DVB-S	2/3	27.500		English
	Super	EWTN UK & Ireland	TV	DVB-S	2/3	27.500		English
	Super	EWTN Radio Europe/UK	radio	DVB-S	2/3	27.500		English
11.261	H Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	Travel Channel UK +1	TV	DVB-S	2/3	27.500		English
	Super	CBS Reality UK +1	TV	DVB-S	2/3	27.500		English
	Super	3e	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Olive TV	TV	DVB-S	2/3	27.500		English
	Super	Horror Channel UK	TV	DVB-S	2/3	27.500		English
	Super	GayNetwork	TV	DVB-S	2/3	27.500		English
	Super	Channel Aka	TV	DVB-S	2/3	27.500		English
	Super	Star Plus UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Super	Adult Channel	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Thane	TV	DVB-S	2/3	27.500		English
	Super	Daystar TV	TV	DVB-S	2/3	27.500		English
	Super	ABN TV	TV	DVB-S	2/3	27.500		English
	Super	Star Jalsha UK	TV	DVB-S	2/3	27.500	Videoguard	Bengali
	Super	Star Gold UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Super	Playboy TV UK	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Safeer TV	TV	DVB-S	2/3	27.500		English
	Super	TCM UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Vintage TV	TV	DVB-S	2/3	27.500		English
	Super	Life OK UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Super	Panjab Radio	radio	DVB-S	2/3	27.500		Panjabi
	Super	Sukh Sagar Radio	radio	DVB-S	2/3	27.500		Panjabi
11.343	V Super	News 18	TV	DVB-S	2/3	27.500		English
11.344	H Super	Gospel Channel Europe	TV	DVB-S	2/3	27.500		English
	Super	Information TV	TV	DVB-S	2/3	27.500		English
	Super	Studio 66 TV 1	TV	DVB-S	2/3	27.500		English
	Super	Showcase TV	TV	DVB-S	2/3	27.500		English
	Super	Blue Ocean Network	TV	DVB-S	2/3	27.500		English
11.390	V Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	ARY News UK & Europe	TV	DVB-S	2/3	27.500		Urdu
	Super	Storm Babes TV	TV	DVB-S	2/3	27.500		English
	Super	Islam Channel	TV	DVB-S	2/3	27.500		English
	Super	The Jewellery Channel	TV	DVB-S	2/3	27.500		English
	Super	Lifetime UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Thane	TV	DVB-S	2/3	27.500		English
	Super	Flow TV	TV	DVB-S	2/3	27.500		English
	Super	Studio 66 TV 2	TV	DVB-S	2/3	27.500		English
	Super	Sony Max UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Super	GoldenGirls TV	TV	DVB-S	2/3	27.500		English
	Super	SBN International	TV	DVB-S	2/3	27.500		English,Spanish
	Super	MATV National	TV	DVB-S	2/3	27.500		English
	Super	Sikh Channel	TV	DVB-S	2/3	27.500		Panjabi
	Super	Red Light Central TV 2	TV	DVB-S	2/3	27.500		English
	Super	BelieVe TV	TV	DVB-S	2/3	27.500		English
	Super	Playboy TV Chat	TV	DVB-S	2/3	27.500		English
	Super	Climax	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Adult Channel	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Playboy TV UK	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	ExGirlfriends	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	Red Light Central TV 1	TV	DVB-S	2/3	27.500		English
11.426	V Super	Sky UK	package	DVB-S	2/3	27.500		
	Super	Colors	TV	DVB-S	2/3	27.500		Hindi
	Super	ARY QTV	TV	DVB-S	2/3	27.500		English
	Super	Sin TV	TV	DVB-S	2/3	27.500		English
	Super	Bloomberg TV Europe	TV	DVB-S	2/3	27.500		English
	Super	France 24 English	TV	DVB-S	2/3	27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	Tru TV UK +1	TV	DVB-S	2/3	27.500		
	Super	Crime + Investigation UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
	Super	CNC English	TV	DVB-S	2/3	27.500		English
	Super	MUTV	TV	DVB-S	2/3	27.500	Videoguard	English,English
11.428	H Super	NKWA Radio	radio	DVB-S	2/3	27.500		Italian
11.585	H S1	Sky UK	package	DVB-S	5/6	22.000		
	S1	Investigation Discovery UK	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	TV Shop UK	TV	DVB-S	5/6	22.000		English
	S1	Animal Planet Europe +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Rocks & Co.	TV	DVB-S	5/6	22.000		English
	S1	Discovery Science Channel UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Record Europa	TV	DVB-S	5/6	22.000		Portuguese
	S1	DMAX UK	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Sangat TV	TV	DVB-S	5/6	22.000		
	S1	DMAX UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Home Store	TV	DVB-S	5/6	22.000		English
	S1	High Street TV	TV	DVB-S	5/6	22.000		English
	S1	Investigation Discovery UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	High Street TV Xtra	TV	DVB-S	5/6	22.000		English
	S1	Quest +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Brit Asia TV	TV	DVB-S	5/6	22.000		English
	S1	Discovery History +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Discovery Shed	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Noor TV	TV	DVB-S	5/6	22.000		
	S1	Gems TV	TV	DVB-S	5/6	22.000		English
	S1	TLC UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Discovery Home & Health UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Heart TV	TV	DVB-S	5/6	22.000		English
	S1	Capital TV	TV	DVB-S	5/6	22.000		English
	S1	TLC UK +2	TV	DVB-S	5/6	22.000	Videoguard	English
	S1	Clubland TV	TV	DVB-S	5/6	22.000		English
	S1	Planet Pop	TV	DVB-S	5/6	22.000		English
	S1	Information TV +1	TV	DVB-S	5/6	22.000		English
	S1	NDTV 24x7	TV	DVB-S	5/6	22.000		English
	S1	PTC Punjabi	TV	DVB-S	5/6	22.000		Punjabi
	S1	Capital Xtra	radio	DVB-S	5/6	22.000		English
	S1	UCB UK	radio	DVB-S	5/6	22.000		English
	S1	UCB Inspirational	radio	DVB-S	5/6	22.000		English
	S1	UCB Bible	radio	DVB-S	5/6	22.000		English
	S1	UCB Gospel	radio	DVB-S	5/6	22.000		English
	S1	XFM 104.9	radio	DVB-S	5/6	22.000		English
	S1	Capital FM London	radio	DVB-S	5/6	22.000		English
	S1	Gold	radio	DVB-S	5/6	22.000		English
	S1	Radio Khush Khabri	radio	DVB-S	5/6	22.000		
	S1	Classic FM UK	radio	DVB-S	5/6	22.000		English
	S1	Planet Rock	radio	DVB-S	5/6	22.000		English
	S1	UCB Ireland	radio	DVB-S	5/6	22.000		English
	S1	Smooth Radio London	radio	DVB-S	5/6	22.000		English
	S1	The Arrow	radio	DVB-S	5/6	22.000		English
11.604	V S1	Sky UK	package	DVB-S2	3/4	29.500	Videoguard	
	S1	BT Sport 1	TV	DVB-S2	3/4	29.500	Videoguard	English,English
	S1	BT Sport 2	TV	DVB-S2	3/4	29.500	Videoguard	English,English
	S1	ESPN UK	TV	DVB-S2	3/4	29.500	Videoguard	English,English
11.662	H S1	Sky UK	package	DVB-S	2/3	27.500		
	S1	Pavers Shoes TV	TV	DVB-S	2/3	27.500		English
	S1	Geo News International	TV	DVB-S	2/3	27.500		Urdu
	S1	ARY Digital UK	TV	DVB-S	2/3	27.500	Videoguard	Urdu
	S1	V Channel	TV	DVB-S	2/3	27.500		English
	S1	Made in Tyne & Wear	TV	DVB-S	2/3	27.500	Videoguard	English
	S1	Zee TV UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	S1	Talking Pictures TV	TV	DVB-S	2/3	27.500		English
	S1	Zee Cinema UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	S1	Zing UK	TV	DVB-S	2/3	27.500		Hindi
	S1	Zee Punjabi UK	TV	DVB-S	2/3	27.500	Videoguard	Punjabi

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	S1	& TV	TV	DVB-S	2/3	27.500		
	S1	Lamhe	TV	DVB-S	2/3	27.500		
	S1	Babes from TV	TV	DVB-S	2/3	27.500		English
11.681	V S1	Sky UK	package	DVB-S	2/3	27.500		
	S1	Faith World TV	TV	DVB-S	2/3	27.500		English
	S1	Xpanded TV 3	TV	DVB-S	2/3	27.500		English
	S1	FlirtXchange	TV	DVB-S	2/3	27.500		English
	S1	Xpanded TV	TV	DVB-S	2/3	27.500		English
	S1	ATN Bangla UK	TV	DVB-S	2/3	27.500		Bengali
	S1	Channel S	TV	DVB-S	2/3	27.500		Bengali
	S1	Ahlebaït TV Networks	TV	DVB-S	2/3	27.500		
	S1	OH TV UK	TV	DVB-S	2/3	27.500		English
	S1	KICC TV	TV	DVB-S	2/3	27.500		English
	S1	Hum TV Europe	TV	DVB-S	2/3	27.500		Urdu
	S1	The Word Network	TV	DVB-S	2/3	27.500		English
	S1	Made in Bristol	TV	DVB-S	2/3	27.500	Videoguard	English
	S1	Made in Cardiff	TV	DVB-S	2/3	27.500	Videoguard	English
	S1	Made in Leeds	TV	DVB-S	2/3	27.500	Videoguard	English
	S1	Psychics Live TV	TV	DVB-S	2/3	27.500		English
	S1	FlirtXchange	TV	DVB-S	2/3	27.500		English
	S1	Xpanded TV 2	TV	DVB-S	2/3	27.500		English
	S1	Fashion One Europe	TV	DVB-S	2/3	27.500		English
	S1	WRN English Europe	radio	DVB-S	2/3	27.500		English
	S1	Insight Radio	radio	DVB-S	2/3	27.500		English
	S1	Diamond Radio	radio	DVB-S	2/3	27.500		
	S1	TWR United Kingdom	radio	DVB-S	2/3	27.500		English
	S1	Desi Radio	radio	DVB-S	2/3	27.500		
	S1	Rainbow Radio	radio	DVB-S	2/3	27.500		English
	S1	Kanshiradio	radio	DVB-S	2/3	27.500		English
	S1	Liberty Radio	radio	DVB-S	2/3	27.500		English
	S1	Absolute Radio 80s	radio	DVB-S	2/3	27.500		English
	S1	Absolute Radio Classic Rock	radio	DVB-S	2/3	27.500		English
	S1	Absolute Radio 90s	radio	DVB-S	2/3	27.500		English
	S1	Jazz FM	radio	DVB-S	2/3	27.500		English
	S1	Absolute Radio	radio	DVB-S	2/3	27.500		English
	S1	Solar Radio	radio	DVB-S	2/3	27.500		English

EUTELSAT 31A

11.638 H Spot A+D Türksat promo TV DVB-S 3/4 2.222

EUTELSAT 33B

11.154	V Steerable	Skylogic	interactiv e	DVB-S	1/2	15.710	Irdeto 2	
11.429	V Fixed	Turf TV	TV	DVB-S2	3/5	10.098	Conax	English
11.593	H Steerable	Skylogic	interactiv e	DVB-S	1/2	15.710		
12.630	V Fixed	Belsat TV	TV	DVB-S2	3/5	2.400		Belarussian
12.722	V Fixed	TV Mobilna	package	DVB-S2	3/4	16.730	Irdeto 3	
	Fixed	Polsat News	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	TVP Seriale	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Polsat Sport	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Polsat Film	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Comedy Central Polska	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Nickelodeon Europe	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Kino Polska	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Polsat Sport Extra	TV	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Muzo FM	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Polskie Radio Trójka	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	RMF FM	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	RMF Maxxx	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Radio Zet	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Antyradio	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Radio Plus FM	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Radio Złote Przeboje	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Radio Tok FM	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Rock Radio	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed	Radio Eska Rock	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish
	Fixed	Radio Bajka	radio	DVB-S2	3/4	16.730	Irdeto 3	Polish

EUTELSAT 36A

11.727	L	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Multimania	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	TRK Sever	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	TV Ug Don	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Sport	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Nauka 2.0	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Sarafan	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Sankt Peterburg	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Mir 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Strana	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	VH1 Classic Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Dange TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	A-One Hip-Hop Music Channel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Boytsovskiy Klub	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	MTV Rocks	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Moskva 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	VH1 Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Europa Plus TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	OST TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Muz TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	8 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Vremya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Russkiy Roman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Kanal Disney	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.073	L	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
		Russia	HD Kino	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	HD Sport	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian
		Russia	HD Life	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Eurosport	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	Discovery Channel Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	MTV Live HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English,English
12.092	H	Nigeria	Montage TV	package	DVB-S2	2/3	27.500	Conax	
		Nigeria	Daystar TV	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Sky News International	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	BBC World News Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Nat Geo Gold	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Al Jazeera English	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Nickelodeon Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	African Movie Channel	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Fox Sports Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	BET International	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	MTV Base Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Fashion TV Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Viasat Explore Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Viasat Crime Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Viasat Nature Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Viasat History Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Montage Sports News	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Art Mos Fair	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Fox Movies Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Fox Crime Africa	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Fox News Channel	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Eurochannel	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	MCN Entertainment	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Cubayo	TV	DVB-S2	2/3	27.500	Conax	English
		Nigeria	Amoreyo	TV	DVB-S2	2/3	27.500	Conax	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
	Nigeria	Fox Sports 2 Africa	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	AMD One	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	AMD Sisters	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	AMD Africa	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	Fine Living	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	DocuBox HD	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	1 Music	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	Trace Sport Stars	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	MCN Africa	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	Baby TV Europe	TV	DVB-S2	2/3	27.500	Conax		
	Nigeria	FX Africa	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	Fox Africa	TV	DVB-S2	2/3	27.500	Conax	English	
	Nigeria	Zuku Kids	TV	DVB-S2	2/3	27.500	Conax	English	
12.111	L	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Karusel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Rossiya 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Rossiya 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	5 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Rossiya K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Kinopokaz	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Teen TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Domashniy Magazin	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	REN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Peretz	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Ohotnik i Rybolov	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Kanal Teleputeshstviya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.174	L	Russia	TNV Tatarstan	TV	DVB-S	3/4	4.340		Russian
		Russia	Bolgar Radiosi	radio	DVB-S	3/4	4.340		Russian
12.190	L	Russia	Tricolor TV	package	DVB-S	3/4	20.000	Exset/DRE-Crypt	
		Russia	Dom Kino	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Telekanal 2x2	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Telekanal Zvezda	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Auto Plus	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	TTS	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Shop 24 Extra	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Komedia TV	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	STS Love	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Ohotnik i Rybolov	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
		Russia	Kanal Teleputeshstviya	TV	DVB-S	3/4	20.000	Exset/DRE-Crypt	Russian
12.207	R	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
		Russia	Nash Futbol	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	National Geographic Channel HD Russia & Turkey	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	Amedia Premium HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	History Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	TLC Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
		Russia	Travel Channel HD Europe	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
12.226	L	Russia	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
		Russia	Perviy kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
		Russia	Rossiya 1	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	NTV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Rossiya K	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Shop 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Tricolor TV Infokanal	TV	DVB-S	3/4	27.500		Russian
		Russia	Rossiya 2	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Rossiya 24	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	5 Kanal	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Peretz	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	TV Sale	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Karusel	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	TV Centr	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Ru TV	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Nash Futbol	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
12.245	R	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Avto 24	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Bloomberg TV Europe	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Nickelodeon CIS	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	NTV Mir	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	BBC World News Europe	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Detski Mir	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	TeleKlub	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	France 24 English	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Humor FM	radio	DVB-S	3/4		27.500		Russian
	Russia	Militseyskaya Volna	radio	DVB-S	3/4		27.500		Russian
	Russia	8 Kanal	TV	DVB-S	3/4		27.500		Russian
	Russia	Radio dlja dvoih	radio	DVB-S	3/4		27.500		Russian
	Russia	Radio Romantika	radio	DVB-S	3/4		27.500		Russian
	Russia	Avtoradio Moskva	radio	DVB-S	3/4		27.500		Russian
	Russia	Radio Vanya	radio	DVB-S	3/4		27.500		Russian
	Russia	NRJ Russia	radio	DVB-S	3/4		27.500		Russian
	Russia	DFM 101.2	radio	DVB-S	3/4		27.500		Russian
	Russia	Hit FM	radio	DVB-S	3/4		27.500		Russian
	Russia	Maximum 103.7 FM	radio	DVB-S	3/4		27.500		Russian
	Russia	Business FM	radio	DVB-S	3/4		27.500		Russian
	Russia	Comedy Radio	radio	DVB-S	3/4		27.500		Russian
	Russia	Radio Komsomolskaya Pravda	radio	DVB-S	3/4		27.500		Russian
	Russia	Russkoe Radio	radio	DVB-S	3/4		27.500		Russian
12.265	L	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Kinoreys 4	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian
	Russia	Istoriya Telekanal	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	TV 5 Monde Europe	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0	French
	Russia	Mir 24	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Kuban 24 Orbita	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	5 Kanal	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Mir	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Perviy Meteo	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	STS Love	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	TV Sale	TV	DVB-S	3/4		27.500		Russian
	Russia	Radio Zenit	radio	DVB-S	3/4		27.500		Russian
12.284	R	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	RTR Planeta Ukraina	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Russkij Illusion	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Illusion +	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	CCTV 4 Europe	TV	DVB-S	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Chinese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	CCTV News	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Evrokino	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Fox Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Perviy kanal Europa	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Vremya	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	MTV Rocks	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Fox Life Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
12.303	L	Russia	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Soyuz	TV	DVB-S	3/4	27.500	
		Russia	Bridge TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Top Shop TV Russia	TV	DVB-S	3/4	27.500	
		Russia	Boets	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	India TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Zoo TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Domashniy	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	STS	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	U	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Tonus TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	360° Podmoskove	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt
		Russia	Kinopokaz	TV	DVB-S	3/4	27.500	
		Russia	Radio Voskresenie	radio	DVB-S	3/4	27.500	
		Russia	Humor FM	radio	DVB-S	3/4	27.500	
		Russia	NRJ Moskva	radio	DVB-S	3/4	27.500	
		Russia	Radio Romantika	radio	DVB-S	3/4	27.500	
		Russia	Avtoradio Moskva	radio	DVB-S	3/4	27.500	
12.322	R	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Africa	unknown	package	DVB-S	3/4	23.437	
		Russia	NTV Plus Sport	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Africa	TRT Türk	TV	DVB-S	3/4	23.437	
		Russia	NTV Plus Futbol 1	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Africa	ORTC TV	TV	DVB-S	3/4	23.437	
		Africa	LoveWorld Plus	TV	DVB-S	3/4	23.437	
		Russia	Premiera	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Kinoklub	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Africa	TRT FM	radio	DVB-S	3/4	23.437	
		Russia	Nashe Kino	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Perviy kanal	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Blue Hustler Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	REN TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Kto est kto	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Kino Plus	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
12.341	L	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	TNT Comedy	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	S TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	RBK TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Kinoreys 1	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Kinoreys 2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix
		Russia	Soversheno Sekretno TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
	Russia	Kinoreys 3	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian	
	Russia	Sport Plus	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
	Russia	Gulli	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
	Russia	Tiji Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
12.360	R	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Semeynoye HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Serial HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Nashe HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Kazak FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Maks FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Radio Monte Carlo 102.1 FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Radio Zenit	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.380	L	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
		Russia	365 dnei TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Europa Plus TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Komedia TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	India TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Russkaja Noch	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	La Minor	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Mnogo TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Kuhnya TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Interesnoe TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Boets	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Auto Plus	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
12.399	R	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
		Russia	NTV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	TNT	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Pyatnitsa!	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Rossiya 1	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Rossiya K	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	STS Moskva	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Rossiya 24	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	TV 3	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Telekanal Zvezda	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Kino Soyuz	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Rossiya 2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
		Russia	Relax FM	radio	DVB-S	3/4	27.500		Russian
		Russia	Echo Moskva	radio	DVB-S	3/4	27.500		Russian
12.418	L	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Mezzo Live HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Ohotnik i Rybolov HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	MTV Live HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Nickelodeon HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Nash Futbol	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.437	R Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	NTV Plus Tennis	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Ru TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	NTV Plus Basketbol	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	NTV Plus Futbol 2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nash Futbol	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nano TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Russkij Extreme	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Luxury World	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	U	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Mir Belogorya TV	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Rossiya 2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	9 Volna	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nostalgia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Sport Plus	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
12.440	H Africa	DSTV Africa	package	DVB-S	2/3	23.437	Irdeto 2	
	Africa	KBC Channel 1	TV	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	KTN	TV	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	NTV	TV	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	NTV Uganda	TV	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	UBC TV	TV	DVB-S	2/3	23.437	Irdeto 2	
	Africa	K24	TV	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	Bukedde TV 1	TV	DVB-S	2/3	23.437	Irdeto 2	
	Africa	KBC English Service	radio	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	Coro FM	radio	DVB-S	2/3	23.437	Irdeto 2	Kikuyu
	Africa	Venus FM	radio	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	Nation FM	radio	DVB-S	2/3	23.437	Irdeto 2	English
	Africa	QFM	radio	DVB-S	2/3	23.437	Irdeto 2	Swahili
	Africa	Capital FM	radio	DVB-S	2/3	23.437	Irdeto 2	English
12.456	L Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Discovery Channel Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	MTV Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nick Jr Polska	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Animal Planet Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	TLC Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Eurosport International	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	VH1 Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	Viasat Golf	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0	English
	Russia	National Geographic Channel Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	CBS Drama Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nat Geo Wild Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Mezzo	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	French
12.476	H Africa	DSTV Africa	package	DVB-S	2/3	26.040	Irdeto 2	
	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Investigation Discovery Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Phoenix CNE	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	China Movie	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese
	Russia	VH1 Classic Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Africa	CCTV Entertainment	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese
	Russia	Cartoon Network Russia & South East Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English,Russian
	Russia	Discovery World	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Metro TV	TV	DVB-S	2/3	26.040	Irdeto 2	English
	Russia	Discovery Science Channel	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Jiangsu TV	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese
	Africa	Iqraa Arabic	TV	DVB-S	2/3	26.040	Irdeto 2	Arabic
	Russia	MGM Channel Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Hunan TV World	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese
	Russia	MTV Dance	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Russia	CBS Reality Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Dragon TV North America	TV	DVB-S	2/3	26.040	Irdeto 2	Chinese
	Russia	MCM Top	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	French
	Africa	ZDF	TV	DVB-S	2/3	26.040	Irdeto 2	German
	Russia	Extreme Sports Channel	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Rhythm	radio	DVB-S	2/3	26.040	Irdeto 2	English
	Russia	JimJam Rossiya	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Africa	Ray Power 100.5 FM	radio	DVB-S	2/3	26.040	Irdeto 2	English
	Africa	Star FM	radio	DVB-S	2/3	26.040	Irdeto 2	English

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11.109	V Eurasia	Armenian mux	package	DVB-S2	3/4	3.407		
	Eurasia	Armenia 1 TV Satellite	TV	DVB-S2	3/4	3.407		Armenian
	Eurasia	Armenia 1 TV	TV	DVB-S2	3/4	3.407	BISS	Armenian
	Eurasia	Armenia TV Satellite	TV	DVB-S2	3/4	3.407		Armenian
	Eurasia	Armenia TV Europe	TV	DVB-S2	3/4	3.407		Armenian
	Eurasia	Public Radio of Armenia	radio	DVB-S	3/4	3.407		Armenian
11.221	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Cine 4	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Cine 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Cine 3	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	+TVI	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Viva	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Hip Hop TV	TV	DVB-S2	5/6	30.000	Nagravision	Italian
	South Africa	RTP Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	BET International	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	RFM TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Eurosport News	TV	DVB-S2	5/6	30.000	Nagravision	English,Portuguese
	South Africa	Extreme Sports Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Fine Living	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Bloomberg TV Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	BBC World News Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Disney Junior Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Discovery Science Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	E'	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	JimJam Europe	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Nautical Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	TV Cine 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Mov	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	I-concerts	TV	DVB-S2	5/6	30.000	Nagravision	English
11.263	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Food Network EMEA	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Canal Panda Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Panda Biggs	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	C Music TV	TV	DVB-S2	5/6	30.000	Nagravision	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	Baby TV Europe	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Food Network EMEA	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Mov	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Movies Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	FX Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	AXN White Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Al Jazeera Channel	TV	DVB-S2	5/6	30.000	Nagravision	Arabic
	South Africa	A&E Iberia	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	História Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Canal de las Estrellas Europa	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Rossiya 24	TV	DVB-S2	5/6	30.000	Nagravision	Russian
	South Africa	TVI Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Syfy Universal Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVE Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Luxe TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	MyZen Nature	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TLC Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Sport TV África 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Odisseia	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	MyZen Music	TV	DVB-S2	5/6	30.000	Nagravision	
11.304	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Ushuaia TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Histoire	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	LCI	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France Ô	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 2	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 3 Sat	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 5	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Outdoor Channel International	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	WooHoo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	A Bola TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fight Network	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	SIC K	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Novelas	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	EuroNews	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Séries	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Benfica TV 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Sport TV África 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	+ Novelas	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	CM TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.346	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	SIC Mulher	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	SIC Caras	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	24 Kitchen Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	RTR Planeta	TV	DVB-S2	5/6	30.000	Nagravision	Russian
	South Africa	BabyFirst TV	TV	DVB-S2	5/6	30.000	Nagravision	Spanish,Portuguese
	South Africa	RTP África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	RTP Informação	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVI 24	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	SIC Notícias	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Sporting TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Canal 24 Horas	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Real Madrid TV English	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	MCM Top	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Afro Music Concert	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Band Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Cubavisión Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	TVM 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TIM	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Brava HD	TV	DVB-S2	5/6	30.000	Nagravision	Dutch

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.387	V South Africa	TVM 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	AXN Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	AXN Black Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TLN Network	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Caza y Pesca	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Canal Hollywood Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Travel Channel Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	RT English	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	MUTV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Band News	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Disney Channel Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Nat Geo Wild Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Rai Italia Africa	TV	DVB-S2	5/6	30.000	Nagravision	Italian
	South Africa	Al Jazeera English	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Crime Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Porto Canal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVI Ficção	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	11.429	H Eurasia	GDS TV	TV	DVB-S	3/4	2.893	
South Africa		Zap	package	DVB-S2	5/6	30.000	Nagravision	
South Africa		Canal Programação	TV	DVB-S2	5/6	30.000		Portuguese
South Africa		TPA 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		TPA 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		TV Zimbo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		STV Noticias	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		MTV Base Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		Kiss	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		Zap promo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Fox Sports Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		Soico TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Colors	TV	DVB-S2	5/6	30.000	Nagravision	Hindi
South Africa		Zap Filmes 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Zap Filmes 3	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Afro Music Channel	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		MTV India	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		The Box Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		Zap Filmes 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Smash! Hits TV	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		TPA Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Zap Filmes 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		France 24 Français	TV	DVB-S2	5/6	30.000	Nagravision	French
South Africa		CCTV 4 Europe	TV	DVB-S2	5/6	30.000	Nagravision	Chinese
South Africa		CCTV News	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		1 Music	TV	DVB-S2	5/6	30.000	Nagravision	English
South Africa		Rádio Mais	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Radio Cazenga	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Rádio Luanda	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Rádio Ecclesia	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		FM Estéreo	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Luanda Antena Comercial	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Rádio Cinco	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Canal A	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Rádio Viana	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Rádio Escola	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Zap Rock	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Zap Blue	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
South Africa		Zap Jazz	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
	South Africa	Zap Dance Clubbin	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Easy Listening	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Hip Hop	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Trance	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Reggae	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap The Chill Lounge	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap 80's	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap 90's	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Pop	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Classic Music	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Afro Beat	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.474	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto 2	
	South Africa	AXN Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TPA 1	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TPA 2	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Canal Panda Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TVM 1	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Disney Channel Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Cartoon Network Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	AXN White Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	AXN Black Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Soico TV	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
11.481	V Eurasia	Al Mayadeen TV	TV	DVB-S2	3/4	2.200		Arabic
11.510	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto 2	
	South Africa	Fox Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Fox Life Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Fox Crime Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	FX Portugal	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TV Cine 1	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TV Cine 2	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TV Cine 3	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TV Cine 4	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	TV Séries	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
	South Africa	Banda TV	TV	DVB-S	5/6	30.000	Irdeto 2	Portuguese
11.645	V Eurasia	Al-Iraqiya News	TV	DVB-S	3/4	6.000		Arabic
11.652	V Eurasia	Al-Iraqiya Sport	TV	DVB-S	3/4	3.111		Arabic
	Eurasia	Iza'at Al Ahd	radio	DVB-S	3/4	3.111		Arabic
11.694	V South Africa	Soico TV	package	DVB-S2	5/6	1.555		
	South Africa	Soico TV	TV	DVB-S2	5/6	1.555		Portuguese
	South Africa	STV Noticias	TV	DVB-S2	5/6	1.555		Portuguese
	South Africa	Rádio SFM	radio	DVB-S2	5/6	1.555		Portuguese
11.727	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	TLN Network	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	EbonyLife TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	TCV Internacional	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Afro Music Concert	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	ITV Choice	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Disney Junior Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Panda Biggs	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	DSTV Pipoca	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Cine Mundo	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	DSTV 1	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	So Novelas	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
11.747	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	M-Net Movies Action +	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	TDK	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Luxury World	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	M-Net Movies Family	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Nika TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 7 Nigeria	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	SuperSport 6 Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Russia	Yamal TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	BBC Knowledge South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Raz TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Jango Magic	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Russia	Kuban 24 Orbita	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	CNBC Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Shop & Show	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Boks TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Disney XD South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	STV +	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Sony Channel Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Amedia 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Channel Ed	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Amedia 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	CNN International	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Amedia 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
	Sub-Sahara Africa	M-Net Movies Comedy	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	NHK World TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Russia	Amedia Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,English
	Russia	Mir Belogorya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zhivi!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.766	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Teletavel HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Universal Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinopkaz HD 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Studio Universal Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Investigation Discovery Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinopkaz HD 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TLC South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Comedy Central Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Iskushenie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	CBS Action Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	CBS Drama Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	CBeebies South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	SET Asia	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
	Sub-Sahara Africa	Sony Max UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
	Sub-Sahara Africa	Nickelodeon Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Fox Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
11.785	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Sub-Sahara Africa	Canal + Sport France	TV	DVB-S	3/4	27.500	Irdeto 2	French
	Russia	KHL TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Crime + Investigation Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Russia	TV Centr Moskva	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Canal + Family France	TV	DVB-S	3/4	27.500	Irdeto 2	French
	Russia	Kinolux	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian
	Russia	NTV Plus Futbol 3	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Nat Geo Wild Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	Channels TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Moskva 24	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Ghana TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Telecafé	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Kanal Disney	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Lagos TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Blackbelt TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	World Fashion Channel Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	BET International	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	TV XXI	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Egoist TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Soundcity Premium	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Islam Channel	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Playboy TV UK	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Sub-Sahara Africa	Lifetime South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	KBC English Service	radio	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	KBC Idhaa	radio	DVB-S	3/4	27.500	Irdeto 2	Swahili
	Sub-Sahara Africa	Coro FM	radio	DVB-S	3/4	27.500	Irdeto 2	Kikuyu
	Sub-Sahara Africa	Venus FM	radio	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Nation FM	radio	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	QFM	radio	DVB-S	3/4	27.500	Irdeto 2	Swahili
11.804	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Moya Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 5 Africa	TV	DVB-S2	3/4	27.500	Irdeto 2	Portuguese,English
	Sub-Sahara Africa	DSTV Catch Up	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Russia	RBK TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	TNV Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	TV Guberniya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	9 Volna	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zagorodny	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	RGVK Dagestan	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	KHL TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Mezzo	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	French
	Russia	Agro TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Interesnoe TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	S TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	La Minor	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Kuhnya TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	GTRK Groznyj	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	TRO	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Muzika	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Nastoyashee Strashnoe TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radost Moya	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Topsong TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Telecafé	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
11.823	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto 2	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Sub-Sahara Africa	Cine + Star	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	Nat Geo Wild Europe	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Sub-Sahara Africa	France 2	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	NTV Plus 3D	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	France 5	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	Mezzo Live HD	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Animal Planet Russia	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Sub-Sahara Africa	TéléToon +	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	NTV Plus Futbol 1	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Planète +	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	Nickelodeon HD	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Sub-Sahara Africa	RTL 9	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Sub-Sahara Africa	Syfy France	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Sub-Sahara Africa	Canal + Cinéma France	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Sub-Sahara Africa	Trace Urban	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Sub-Sahara Africa	IMPD TV Africa	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	TF 1	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Sub-Sahara Africa	SIC Internacional	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
11.843	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4		27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	DSTV Catch Up	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Telepoisk	TV	DVB-S2	3/4		27.500		Russian
	Sub-Sahara Africa	E TV Africa	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Kinozal 1	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Dish on TV promo	TV	DVB-S	3/4		27.500		English
	Russia	Kinozal 2	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Big Brother Angola Português	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Russia	Kinozal 3	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport MaXimo 360	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese,English
	Russia	Kinozal 4	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TBC 1	TV	DVB-S	3/4		27.500	Irdeto 2	
	Russia	Kinozal 5	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Big Brother Angola English	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinozal 6	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport Select Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	Africa Magic Urban Movies	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinozal 7	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Africa Magic Showcase Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinozal 8	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinozal 9	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinozal 10	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinozal 11	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinozal 12	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Mult	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Ru TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zee TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	RTG TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Animal Planet HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.862	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	CCTV Russkij	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Star TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	MTV Hits	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Sub-Sahara Africa	SuperSport 9 East	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Citizen TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Dom Kino	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Muzika	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	SuperSport Select 2	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Karusel	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Mzansi Bioskop	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Karusel International	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	M-Net Edge	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Paramount Comedy Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Vuzu Amp	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	TDK	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Zee TV Africa	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
	Russia	Domashnie Zhivotnye	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	M-Net Movies Zone	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Okhota i Rybalka	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Psikhologiya 21	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Mwatu FM	radio	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Fine Living	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Sub-Sahara Africa	Nosim FM	radio	DVB-S	3/4	27.500	Irdeto 2	
11.881	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	OTR	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	TV Zimbo	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Mindset Learn	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Top Shop TV Russia	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Rhema Network	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Rusong TV	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Disney Junior South Africa	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	TNT Comedy	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	M-Net Movies Showcase	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Nochnoy Club	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Russkaya Noch	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TCM Middle East & Africa	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Sub-Sahara Africa	SuperSport MaXimo 2	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Russia	Teleinstruktor	TV	DVB-S	3/4		27.500		Russian
	Sub-Sahara Africa	History South Africa	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	REN TV	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Iskushenie	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 5 Nigeria	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Tricolor TV promo	TV	DVB-S	3/4		27.500		Russian
	Sub-Sahara Africa	BBC World Service English	radio	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Shopping Live	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	BBC World Service en Français	radio	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	Mir	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	BBC World Service Africa	radio	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	TNT	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Cii Broadcasting	radio	DVB-S	3/4		27.500	Irdeto 2	
	Russia	Nano TV	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TransAfrica Radio	radio	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Brazzers TV Europe	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	English
	Sub-Sahara Africa	VoA 1	radio	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	Olala 1	TV	DVB-S	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	WRN English Africa & Middle East	radio	DVB-S	3/4		27.500	Irdeto 2	English
	Sub-Sahara Africa	DMX Symphonic	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Light Classical	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Beautiful Instrumentals	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Contemporary Instrumentals	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Classic Rock	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Dance	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Y2K Hits	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Campus Rock	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Urban Beat	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX 90's Hits	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX 70's Hits	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Soft Hits	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Adult Contemporary	radio	DVB-S	3/4		27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Urban Adult Contemporary	radio	DVB-S	3/4		27.500	Irdeto 2	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	DMX Smooth Jazz	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Classic Jazz	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	DMX African Rhythms	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Reggae	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	DMX Gospel	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	DMX French Contemporary	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	Radio Citizen	radio	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	Hot 96	radio	DVB-S	3/4	27.500	Irdeto 2	
11.900	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	1/2	26.480	Irdeto 2	
	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Sub-Sahara Africa	CBS Reality South Africa	TV	DVB-S	1/2	26.480	Irdeto 2	Portuguese,English
	Russia	NTV Plus Infokanal	TV	DVB-S	3/4	27.500		Russian
	Russia	Amedia 2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	SuperSport 5 Africa	TV	DVB-S	1/2	26.480	Irdeto 2	Portuguese,English
	Sub-Sahara Africa	Cartoon Network Middle East & Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English
	Russia	Telekanal Spas	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	24 Dok	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	National Geographic Channel South Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English
	Sub-Sahara Africa	Africa Magic Epic Movies	TV	DVB-S	1/2	26.480	Irdeto 2	English
	Russia	Peretz	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	RT English	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English
	Sub-Sahara Africa	SuperSport Blitz	TV	DVB-S	1/2	26.480	Irdeto 2	English,Portuguese
	Russia	LifeNews	TV	DVB-S	3/4	27.500		Russian
	Sub-Sahara Africa	SuperSport 7 Africa	TV	DVB-S	1/2	26.480	Irdeto 2	Portuguese,English
	Russia	Domashniy	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Sky News International	TV	DVB-S	1/2	26.480	Irdeto 2	English
	Sub-Sahara Africa	Africa Magic World	TV	DVB-S	1/2	26.480	Irdeto 2	English
	Russia	TNV Planeta	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	KinoHit	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Sub-Sahara Africa	SuperSport 4	TV	DVB-S	1/2	26.480	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	Africa Magic Yoruba	TV	DVB-S	1/2	26.480	Irdeto 2	
	Russia	Nashe Novoe Kino	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	Africa Magic Hausa	TV	DVB-S	1/2	26.480	Irdeto 2	Hausa
	Russia	Detskoe Radio Moskva	radio	DVB-S	3/4	27.500		Russian
11.919	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Eureka HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
	Sub-Sahara Africa	SuperSport 6 Africa	TV	DVB-S2	3/4	27.500	Irdeto 2	English,Portuguese
	Russia	Animal Family HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
	Sub-Sahara Africa	M-Net West	TV	DVB-S2	3/4	27.500	Irdeto 2	English,English
	Sub-Sahara Africa	SuperSport 3 Africa	TV	DVB-S2	3/4	27.500	Irdeto 2	Portuguese,English,English
	Russia	Trace Sport Stars	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	SuperSport 3 Nigeria	TV	DVB-S2	3/4	27.500	Irdeto 2	English,English
	Russia	I-concerts	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	M-Net Movies Premiere	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	SuperSport 3 Nigeria	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	SuperSport 5 Nigeria	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	DSTV Catch Up	TV	DVB-S2	3/4	27.500	Irdeto 2	English
11.938	R Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	
	Russia	NTV Plus Futbol 3	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	TV 1000 Comedy HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Russia	TV 1000 Megahit HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Russia	TV 1000 Premium HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Russia	Viasat Nature HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Russia	Viasat History HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
	Russia	Viasat Sport East	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,Russian
11.940	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	CCTV News	TV	DVB-S	3/4	27.500		English
	Sub-Sahara Africa	CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese
	Sub-Sahara Africa	AIT International	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Silverbird TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Animal Planet Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Nick Jr Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Al Jazeera English	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Daystar TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	MITV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Fashion TV Africa	TV	DVB-S	3/4	27.500	Irdeto 2	
11.958	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	RTP África	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Russia	Rossiia HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,English
	Sub-Sahara Africa	Record África	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	AMC Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	JimJam Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	National Geographic Channel HD Russia & Turkey	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
	Russia	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Trace Toca	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	MTV Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	National Geographic Channel Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Telemundo Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	Lifetime South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Afro Music Pop	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	TV Globo Internacional Europa/África	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	DSTV Kids	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.977	H Sub-Sahara Africa	SIC Noticias	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Antena Nacional	radio	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Sub-Sahara Africa	E! Europe	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Russia	Muz TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	E! Middle East	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Kinoreys 5	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian
	Sub-Sahara Africa	Canal + France	TV	DVB-S	3/4	27.500	Irdeto 2	French
	Russia	RTG International	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English,Turkish
	Russia	Moya Planeta	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	TV 5 Monde Afrique	TV	DVB-S	3/4	27.500	Irdeto 2	French
	Sub-Sahara Africa	B4U Movies UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
	Russia	Nauka 2.0	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	IO	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Russia	Outdoor Channel International	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Bridge TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Sub-Sahara Africa	Sony Max South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	B4U Music UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
	Russia	Rusong TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
Russia	360° Podmoskove	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
Sub-Sahara Africa	NTA International	TV	DVB-S	3/4	27.500	Irdeto 2	English	
Russia	RT D	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	English	
Sub-Sahara Africa	RTP Internacional Europa	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese	
Russia	NTV Plus Basketbol	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
Sub-Sahara Africa	TV Brasil Internacional	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese	
Sub-Sahara Africa	Fine Living	TV	DVB-S	3/4	27.500	Irdeto 2	English	
Sub-Sahara Africa	Food Network EMEA	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese	
Sub-Sahara Africa	Radio France Internationale	radio	DVB-S	3/4	27.500	Irdeto 2	French	
11.996	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	3/4	27.500	Irdeto 2	
	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	Da Vinci Learning	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	Discovery Channel Middle East & Africa	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Record África	TV	DVB-S2	3/4	27.500	Irdeto 2	Portuguese
	Russia	TV 1000 East	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,English
	Russia	TV 1000 Action	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,English
	Sub-Sahara Africa	TV Cine 1	TV	DVB-S2	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	AXN Portugal	TV	DVB-S2	3/4	27.500	Irdeto 2	Portuguese
	Russia	TV 1000 Russkoe Kino	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	Studio Universal Africa	TV	DVB-S2	3/4	27.500	Irdeto 2	English
	Russia	Viasat Explore Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian,English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Viasat History	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian,English
	Russia	Viasat Nature East	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian,English
	Russia	Viasat Sport East	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian,English
	Russia	Lider TV	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Azerbaijan
	Russia	Perviy Obrazovatelny	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Russkij Extreme	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	5 Kanal	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Ukrainian
	Russia	NTN	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Ukrainian
	Russia	EuroNews	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Ukrainian,Russian,English,German,French,Italian,Spanish
	Russia	RT Arabic	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Arabic
	Russia	RT Español	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Spanish
	Russia	Armenia TV Satellite	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Armenian
	Russia	OTR	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Prosveshenie	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Ocean TV	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
12.015	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto 2	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500		
	Sub-Sahara Africa	Boomerang Portugal	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Record News	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	InfoSport +	TV	DVB-S	3/4		27.500	Irdeto 2	French
	Russia	TV Centr Ural	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	Astrakhan 24	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	True Movies 1 Africa	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Sub-Sahara Africa	Rai Italia Africa	TV	DVB-S	3/4		27.500	Irdeto 2	Italian
	Russia	Top Shop TV Russia	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	Krik TV	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	Travel Channel Europe	TV	DVB-S	3/4		27.500	Irdeto 2	English,Portuguese
	Sub-Sahara Africa	Hip TV	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	TV Guberniya	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	CM TV	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Russia	Yamal TV	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Russia	Galaxy	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	EuroNews	TV	DVB-S	3/4		27.500	Irdeto 2	English,French,Portuguese,Spanish,German
	Russia	Sankt Peterburg	TV	DVB-S2	3/4		27.500	Viaccess 4.0/Viaccess 5.0	Russian
	Sub-Sahara Africa	Fox Movies Portugal	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	Spice	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Sub-Sahara Africa	Radio Okapi	radio	DVB-S	3/4		27.500		French
12.034	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4		27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	JimJam Europe	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Russia	Sport 1	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	CNC English	TV	DVB-S	3/4		27.500	Irdeto 2	English
	Russia	RTG HD	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	A&E Iberia	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	História Portugal	TV	DVB-S	3/4		27.500	Irdeto 2	Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	Outdoor Channel International	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,English
	Sub-Sahara Africa	EBC	TV	DVB-S	3/4	27.500	Irdeto 2	Amharic
	Russia	Fashion One Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Sub-Sahara Africa	Bloomberg TV Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Kingdom Africa TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	NDTV 24x7	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Voxafrika Afrique	TV	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	France 24 Français	TV	DVB-S	3/4	27.500	Irdeto 2	French
	Sub-Sahara Africa	EWTN Africa & Asia	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	CCTV 9 Documentary	TV	DVB-S	3/4	27.500		English
	Sub-Sahara Africa	Trace Sport Stars	TV	DVB-S	3/4	27.500	Irdeto 2	English
12.054	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	M-Net East	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Rossiia 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	BBC Entertainment South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Karusel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	M-Net Movies Stars	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	5 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 2	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	BBC World News Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Rossiia K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	MTV Base Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	M-Net Movies Action	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	MTV ZA	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Bashkirskoe Sputnikovoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Disney Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Ingushetia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 9 South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
	Russia	Detski Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	One Gospel	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Crime + Investigation UK	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Russia	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Detskiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Tiji Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Gulli	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	JimJam Rossiya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Baby TV Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Russia	Arkhyz 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Vanya	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Chanson	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	DFM 101.2	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Hit FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	Russkaja Sluzhba Novostej	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Russkoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Rossii	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Mayak	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Kultura	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Vesti FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Radonezh	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Dorognoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Retro FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Europa Plus	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio 7	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Keks FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Mir	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Record	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio 107	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Orfey	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Zvezda	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Humor FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	NRJ Russia	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Romantika	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Avtoradio Moskva	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Kazachiy Don	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.073	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
	Sub-Sahara Africa	Afro Music Channel	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	QTV	TV	DVB-S	3/4	27.500	Irdeto 2	Swahili
	Sub-Sahara Africa	Discovery World	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	CCTV Français	TV	DVB-S	3/4	27.500		French
	Sub-Sahara Africa	NickToons Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	NBS TV	TV	DVB-S	3/4	27.500	Irdeto 2	Swahili
	Sub-Sahara Africa	PFC Internacional	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
	Sub-Sahara Africa	TV 3	TV	DVB-S	3/4	27.500	Irdeto 2	English
	Sub-Sahara Africa	Odisseia	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
12.092	R Russia	NTV Plus	package	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	History Russia	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Travel Channel Europe	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,English
	Russia	Sport 1	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Sport	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Boytsovskiy Klub	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Nuart TV	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Amedia 1	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Amedia Premium HD	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	Telekanal 2x2	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	U	TV	DVB-S	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	NHK World TV	TV	DVB-S	3/4	27.500		English
12.130	R Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	
	Russia	NTV Plus Futbol 2	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian
	Russia	HD Kino 2	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian

Freq	Beam	Analog	Diff	Fec	Symb ol Rate	Acces	Lang		
	Russia	Sport 1	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
	Russia	MGM HD Russia	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian	
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0/Verimatrix	Russian,Russian	
12.149	L	Russia	Rossiya HD	TV	DVB-S2	3/4	27.500	Viaccess 4.0/Viaccess 5.0	Russian
		Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Nat Geo Wild Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	France 24 English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	DW Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	RT English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	National Geographic Channel Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Evronovosti	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	LifeNews	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	RT D	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	MTV Hits	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
		Russia	Vmeste RF	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Nick Jr Polska	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,English
		Russia	Telekanal Spas	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	TV 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Mnogo TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Pyatnitsa!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	Shanson TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	I-concerts	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
		Russia	Dom Kino Premium	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
		Russia	MCM Top	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	French
		Russia	MTV Dance	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
12.169	R	Russia	Tricolor TV	package	DVB-S2	3/4	27.500		
		Russia	Kino Premium HD +2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Nashe HD +2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Ostrosyuzhetnoye Kino HD +2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Semeynoye HD +2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Serial HD +2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian
		Russia	Amedia Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,Russian,English
12.245	H	Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto 2	
		Sub-Sahara Africa	M-Net West	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	M-Net Movies Premiere	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	SuperSport 1	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	SuperSport 3 Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English,Portuguese
		Sub-Sahara Africa	BBC Lifestyle South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	SuperSport MaXimo	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese,English
		Sub-Sahara Africa	Discovery Channel Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	SABC News	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	M-Net Series Zone	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	Africa Magic Family	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	M-Net Movies Romance	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	Faith Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
		Sub-Sahara Africa	Record Mozambique	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
12.511	H	Eurasia	Kazakh TV	TV	DVB-S	1/2	4.340		Kazakh
12.520	H	Eurasia	Lider TV	TV	DVB-S	1/2	4.340		Azerbaijan
		Eurasia	Lider Jazz Radio	radio	DVB-S	1/2	4.340		Azerbaijan

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.540	V Eurasia	CNC English	TV	DVB-S	3/4	2.220		English
12.572	V Eurasia	Al-Etejah Satellite Channel	TV	DVB-S2	3/4	1.786		Arabic
12.624	V Eurasia	Al Jazeera Channel	TV	DVB-S2	3/4	6.200		Arabic
12.689	V Eurasia	Scope TV	TV	DVB-S	3/4	2.170		Arabic

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11.881	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Iskushenie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Rossiya HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.919	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Strana	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	365 dnei TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Kuhnya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	France 24 English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Wide	DW Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Wide	Telekanal Spas	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	CNN International	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Wide	Amedia 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Travel + Adventure	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Zhivi!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Amedia 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	TTS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Zee TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Oruzhie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Feniks+Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Raz TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Semeynoye HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Multimania	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.958	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Eureka HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Animal Family HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Amedia Hit	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian,English
	Wide	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	KHL TV HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.996	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Nashe HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Semeynoye HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.034	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	National Geographic Channel HD Russia & Turkey	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Sport 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Trace Sport Stars	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Wide	Mezzo Live HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.073	L Wide	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ginger HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Teletravel HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Ohotnik i Rybolov HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Kinopokaz HD 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Kinopokaz HD 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.111	L East	Tricolor TV	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radost Moya	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	STS Love	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Bridge TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Muz TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Interesnoe TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Komedia TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	EuroNews	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	India TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Eda	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	S TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Sport	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	IConcerts	TV	DVB-S2	3/4	27.500	DRE-Crypt	English
	East	A-One Hip-Hop Music Channel	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	MCM Top Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	French
	East	Russian Musicbox	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Europa Plus TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Muzika	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Zagorodny	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	TNT Comedy	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Shanson TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Luxury World	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	CreationMezzo	TV	DVB-S2	3/4	27.500	DRE-Crypt	French
12.149	L	East	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt
	East	Olala 1	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	365 dnei TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Auto Plus	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	RBK TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Ru TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Boets	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Kinopokaz	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Shopping Live	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	RTG TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	KHL TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Nano TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Telekanal 2x2	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.169	R	East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess 5.0
	East	NTV Plus Futbol 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	KHL TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Auto Plus	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Boets	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Europa Plus TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	India TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Kanal Disney	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Komedia TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Kuhnya TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	La Minor	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Mnogo TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	365 dnei TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	TNT Comedy	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Gulli	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	RBK TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Tiji Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nash Futbol	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Soversheno Sekretno TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	TV Centr Sibirija	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	S TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Sport Plus	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	World Fashion Channel Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Interesnoe TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Playboy TV UK	TV	DVB-S2	5/6	27.500	Viaccess 5.0	English
	East	Russkaya Noch	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nostalgia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
12.188	L	East	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt
	East	TV Centr Sibirija	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Nochnoy Club	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Russkaya Noch	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Domashniy Magazin	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Mir	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	TNV Planeta	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Bashkirskoe Sputnikovoe TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Kanal Teleputeshstviya	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Ohotnik i Rybolov	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Iskushenie	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Zoo TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Tonus TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	La Minor	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Teen TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	English Club TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	English
	East	U	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.226	L East	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Tricolor TV Infokanal	TV	DVB-S	3/4	27.500		Russian
	East	Dom Kino	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Tricolor TV promo	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Nash Futbol	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Rossiya 2	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Rossiya 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	OTR	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.245	R East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess 5.0	
	East	Evrokino	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Illusion +	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Okhota i Rybalka	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Russkiy Illusion	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Animal Planet Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Cartoon Network Russia & South East Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Discovery Channel Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Fox Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Fox Life Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	EuroNews	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Eurosport International	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Eurosport 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	JimJam Rossiya	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	AMC Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nat Geo Wild Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	National Geographic Channel Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nickelodeon CIS	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	TLC Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	TV XXI	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Zhivi!	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	CBS Drama Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	CBS Reality Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Extreme Sports Channel	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	MTV Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	TDK	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
12.265	L East	Tricolor TV	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Telepoisk	TV	DVB-S2	3/4	27.500		Russian
	East	Kinozal 1	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 2	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 3	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 4	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 5	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 6	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 7	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 8	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 9	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 10	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 11	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 12	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Multimania	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Detskiy	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Detski Mir	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Tiji Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Gulli	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	JimJam Rossiya	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Baby TV Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	English
	East	Sarafan	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Top Shop TV Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
12.303	L East	Tricolor TV	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Mnogo TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Soyuz	TV	DVB-S2	3/4	27.500		Russian
	East	Kinopokaz HD 1	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinopokaz HD 2	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Fox Life Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Fox Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Boytsovskiy Klub	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Moya Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Nauka 2.0	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkiy Roman	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	TV Sale	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Perviy Oblastnoy	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Agro TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	National Geographic Channel Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Pyatnitsa!	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Shop 24	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Yamal TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Rossii	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Mayak	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Vesti FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Chanson	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Dorognoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Europa Plus	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Vanya	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Orfey	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	NRJ Russia	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Humor FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Avtoradio	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Monte Carlo 102.1 FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Keks FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkaja Sluzhba Novostej	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Zvezda	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Romantika	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	DFM 101.2	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Kultura	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio 7	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Mir	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Retro FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Hit FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	U FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkaja Sluzhba Novostej	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
12.322	R East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess 5.0	
	East	Premiera	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Kinoklub	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	KinoHit	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nashe Novoe Kino	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Kino Plus	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	Nashe Kino	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian
	East	NTV Plus Sport	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
	East	Muz TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Amedia 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Moya Planeta	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	24 Dok	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Kto est kto	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Outdoor Channel International	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	RTG TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Basketbol	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	LifeNews	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Bridge TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Rusong TV	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Hustler TV Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	English	
	East	NTV Plus Tennis	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
12.341	L	East	Tricolor TV	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	RTG HD	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
	East	Fashion One Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	English	
	East	Outdoor Channel International	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
	East	Travel + Adventure	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
	East	HD Life	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
12.399	R	East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess 5.0	
	East	Kino Soyuz	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Basketbol	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Nash Futbol	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Sport Plus	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Tennis	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Futbol 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Boytsovskiy Klub	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	STS	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Rossiia 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Rossiia 24	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Sport	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Sport 1	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	U	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Telekanal 2x2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Pyatnitsa!	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Travel Channel Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Investigation Discovery Europe	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Discovery Science Channel	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Discovery World	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	MCM Top Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	French	
	East	Nostalgia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	History Russia	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Russkij Extreme	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	TV 3	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Karusel	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Dom Kino	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
12.476	R	East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess 5.0	
	East	HD Kino	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	HD Kino 2	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	HD Sport	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Futbol 1	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	Rossiia HD	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	
	East	NTV Plus Futbol 3	TV	DVB-S2	5/6	27.500	Viaccess 5.0	Russian	

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11.211	H Wide	MTA International	TV	DVB-S	1/2	5.110		Hindi,Urdu,English,French,German,Arabic,Bengali
11.255	V	Central Asia	Kyrgyz mux	package	DVB-S2	?	4.832	
		Central Asia	KTRK	TV	DVB-S2	?	4.832	
		Central Asia	Madaniyat	TV	DVB-S2	?	4.832	
		Central Asia	Muzika	TV	DVB-S2	?	4.832	
		Central Asia	Balastan	TV	DVB-S2	?	4.832	
		Central Asia	El TR	TV	DVB-S2	?	4.832	
		Central Asia	1 Radio	radio	DVB-S2	?	4.832	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Central Asia	Mi Kyyal FM	radio	DVB-S2	?	4.832		
	Central Asia	Kyrgyz Radiosu	radio	DVB-S2	?	4.832		
11.294	H Wide	Horizon TV Asia	package	DVB-S2	2/3	44.900		
	Wide	Thinetha TV	TV	DVB-S2	2/3	44.900		Sinhalese
	Wide	STN	TV	DVB-S2	2/3	44.900		Sinhalese
	Wide	Sri TV Movies	TV	DVB-S2	2/3	44.900		Sinhalese
	Wide	Channel 7	TV	DVB-S2	2/3	44.900		Bengali
	Wide	Colombo TV	TV	DVB-S2	2/3	44.900		Sinhalese
	Wide	Dan Music	TV	DVB-S2	2/3	44.900		Tamil
	Wide	Ohm TV	TV	DVB-S2	2/3	44.900		Tamil
	Wide	Independent TV	TV	DVB-S2	2/3	44.900		Bengali
	Wide	Pirai TV	TV	DVB-S2	2/3	44.900		
	Wide	RTV	TV	DVB-S2	2/3	44.900		Bengali
	Wide	Mohona TV	TV	DVB-S2	2/3	44.900		Bengali
	Wide	Movie Bangla	TV	DVB-S2	2/3	44.900		Bengali
	Wide	Sri TV	TV	DVB-S2	2/3	44.900		Sinhalese
	Wide	S Moviz	TV	DVB-S2	2/3	44.900		
11.490	V Africa	Family TV	TV	DVB-S2	2/3	2.150		English
	Africa	Radio 316	radio	DVB-S2	2/3	2.150		English
11.520	V Africa	Family TV	TV	DVB-S2	1/2	3.332		English
	Africa	Radio 316	radio	DVB-S2	1/2	3.332		English
11.555	H Asia	TPA Internacional	TV	DVB-S2	1/2	3.034		Portuguese
11.565	H Asia	M-Three satcom	package	DVB-S2	2/5	11.401		
	Asia	MCS Inter	TV	DVB-S2	2/5	11.401	Irdeto	French
	Asia	I24 News Français	TV	DVB-S2	2/5	11.401		French
	Asia	I24 News English	TV	DVB-S2	2/5	11.401		English

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3.916	H Pacific	Hope Channel International	TV	DVB-S	3/4	3.330		English
	Pacific	LifeTalk Radio	radio	DVB-S	3/4	3.330		English
11.515	V North Pacific	Altegro Sky	interactiv e	DVB-S2	8/9	2.500		
11.537	V SW Pacific	SpeedCast	interactiv e	DVB-S2	?	1.500		
11.623	V North Pacific	Altegro Sky	interactiv e	DVB-S2	8/9	3.500		
11.646	V SE Pacific	SpeedCast	interactiv e	DVB-S2	?	2.200		