



Updated on 07 September 2011

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz	Text MSy/s	Access	Lang.
HOT BIRD™ (13°EAST)								
D 10.719	V	Europe	<u>Cyfra +</u>	package	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			4 Fun TV	TV	DVB-S	5/6	Y 27.500	Polish
			HBO Comedy Polska	TV	DVB-S	5/6	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			HBO 2 Polska	TV	DVB-S	5/6	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			History Europe	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish,English
			13th Street Poland	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			HBO Polska	TV	DVB-S	5/6	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			Canal + Weekend	TV	DVB-S	5/6	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			Canal + Gol	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			Planete Polska	TV	DVB-S	5/6	27.500 Mediaguard 2	Polish
			Movies 24 Europe	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish,English
			Rodin TV	TV	DVB-S	5/6	27.500	Polish
			MiniMini	TV	DVB-S	5/6	27.500 Mediaguard 2	Polish
D 10.723	H	Europe	<u>Argiva</u>	package	DVB-S	3/4	29.900	
			Private Spice	TV	DVB-S	3/4	29.900 Irdeto 2/Viaccess 2.5/Viaccess 3.0	English,French
			Didar Global TV	TV	DVB-S	3/4	29.900	Farsi
			Al Waad Channel	TV	DVB-S	3/4	29.900	Arabic
			Ahl E Bait TV	TV	DVB-S	3/4	29.900	
			Andisheh TV	TV	DVB-S	3/4	29.900	Farsi
			Ariana Afghanistan TV	TV	DVB-S	3/4	29.900	
			Gem Music	TV	DVB-S	3/4	29.900	Farsi
			RTP Internacional Europa	TV	DVB-S	3/4	Y 29.900	Portuguese
			MTA International	TV	DVB-S	3/4	29.900	English,French,German,Arabic,Bengali
			Deepam TV	TV	DVB-S	3/4	29.900 Viaccess 2.4/Viaccess 2.5/Viaccess 2.6	Tamil
			Global Tamil Vision Europe	TV	DVB-S	3/4	29.900	Tamil
			Wedding TV Polska	TV	DVB-S	3/4	29.900 Nagravision 3	Russian,Polish,English,Turkish
			Zagros TV	TV	DVB-S	3/4	29.900	Kurdish
			Saamen TV	TV	DVB-S	3/4	29.900	Farsi
			RTB Virgilio	TV	DVB-S	3/4	29.900	Italian
			Islam Channel	TV	DVB-S	3/4	29.900	English
			RDP Internacional	radio	DVB-S	3/4	29.900	Portuguese
			RDP Antena 1	radio	DVB-S	3/4	29.900	Portuguese
			NPR Worldwide	radio	DVB-S	3/4	29.900	English
			Zagros Radio	radio	DVB-S	3/4	29.900	Kurdish
D 10.758	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500 Nagravision 3	
			VOD 62	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 24	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 25	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 26	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 55	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 56	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 57	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 58	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 59	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 61	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 63	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 64	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 65	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 49 Serial	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 23	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 60	TV	DVB-S	5/6	27.500 Nagravision 3	
D 10.796	V	Europe	<u>Cyfra +</u>	package	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Orange sport Polska	TV	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Discovery Science Channel Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.	
				Digital	FEC	MHz	MSy/s			
D 10.815	H	Europe	Discovery World Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish	
			Tele 5	TV	DVB-S	5/6	Y 27.500		Polish	
			Edusat	TV	DVB-S	5/6	27.500		Polish	
			National Geographic Channel Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			FilmBox Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			FilmBox Family	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Czech,Hungarian
			HBO Comedy Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3		Polish
			Polonia 1	TV	DVB-S	5/6	Y 27.500			Polish
			FilmBox Extra Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			<u>RRsat Global Communications Network</u>	package	DVB-S	5/6	27.500			
			VTV 4	TV	DVB-S	5/6	27.500			Vietnamese
			3ABN International	TV	DVB-S	5/6	27.500			English
			BVN TV Europa	TV	DVB-S	5/6	27.500			Dutch
			CNL Evropa	TV	DVB-S	5/6	27.500			Russian
			Soyuz	TV	DVB-S	5/6	27.500			Russian
			Ru TV	TV	DVB-S	5/6	27.500			Russian
			Fashion TV Europe	TV	DVB-S	5/6	27.500			
			Horn Cable TV	TV	DVB-S	5/6	27.500			Somali
			Suryoyo Sat	TV	DVB-S	5/6	27.500			
			KurdSat	TV	DVB-S	5/6	27.500			Kurdish
			Baby TV Europe	TV	DVB-S	5/6	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0		German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Italian
			Thai TV Global Network	TV	DVB-S	5/6	27.500			Thai
			Rojhelat TV	TV	DVB-S	5/6	27.500			Kurdish
			Al Alamia TV	TV	DVB-S	5/6	27.500			Arabic
			ERT World	TV	DVB-S	5/6	Y 27.500			Greek
			Somalisat	TV	DVB-S	5/6	27.500			Somali
			Daring! TV	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/Nagravision 3/Viaccess 2.6/Viaccess 4.0		English
			TVK	TV	DVB-S	5/6	27.500			
			Myanmar International	TV	DVB-S	5/6	27.500			English
			Universal TV	TV	DVB-S	5/6	27.500			Somali
			MKTV Sat	TV	DVB-S	5/6	27.500			Macedonian
			Neo Zwei	radio	DVB-S	5/6	27.500			German
			Makedonsko Radio	radio	DVB-S	5/6	27.500			Macedonian
3ABN Radio	radio	DVB-S	5/6	27.500			English			
RNW 2	radio	DVB-S	5/6	27.500			English			
Rock Nation	radio	DVB-S	5/6	27.500			German			
94 EFM	radio	DVB-S	5/6	27.500			Thai			
RNW 1	radio	DVB-S	5/6	27.500			Dutch			
The Overcomer	radio	DVB-S	5/6	27.500			English			
Voice of Vietnam	radio	DVB-S	5/6	27.500						
RNW 8	radio	DVB-S	5/6	27.500			Dutch			
RNW 9	radio	DVB-S	5/6	27.500			English			
NET FM	radio	DVB-S	5/6	27.500			Greek			
Deytero Programma	radio	DVB-S	5/6	27.500			Greek			
ERA Spor 101.8	radio	DVB-S	5/6	27.500			Greek			
Voice of Greece	radio	DVB-S	5/6	27.500			Greek			
Radio Azadegan	radio	DVB-S	5/6	27.500						
Radio Dija	radio	DVB-S	5/6	27.500			Arabic			
Trito Programma	radio	DVB-S	5/6	27.500			Greek			
<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0					
Sci Fi Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
BBC Knowledge Poland	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish,English			
Sport Klub Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
HBO 2 Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish			
HBO Comedy Polska	TV	DVB-S2	3/4	27.500	Conax		Polish			
National Geographic Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
TVP Historia	TV	DVB-S2	3/4	27.500	Conax/Nagravision 3/Viaccess 3.0		Polish			
Sport Klub + Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
Disney XD Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
Universal Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish			
BBC HD Scandinavia	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish,English			
<u>SNRT</u>	package	DVB-S	3/4	27.500						

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This document is provided for information purposes. No responsibility is taken for errors or omissions. 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.
Eutelsat S.A. - 70 rue Balard 7502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 10.892	H	Europe	Al Aoula Maroc	TV	DVB-S	3/4	27.500	BISS		Arabic		
			Tamazight	TV	DVB-S	3/4	27.500					
			Arrabia	TV	DVB-S	3/4	27.500				Arabic	
			Al Maghribia	TV	DVB-S	3/4	27.500				Arabic	
			Al Aoula Europe	TV	DVB-S	3/4	27.500				Arabic	
			Assadissa	TV	DVB-S	3/4	27.500				Arabic	
			Al Aoula Middle East	TV	DVB-S	3/4	27.500				Arabic	
			Medi 1 TV	TV	DVB-S	3/4	27.500				French	
			Arryadia	TV	DVB-S	3/4	27.500				Arabic	
			Radio Tanger	radio	DVB-S	3/4	27.500					
			Radio Régional de Dakhla	radio	DVB-S	3/4	27.500					
			Idaa Mohammed Assadiss	radio	DVB-S	3/4	27.500					Arabic
			Chaîne Inter	radio	DVB-S	3/4	27.500					
			Idaa al Watania	radio	DVB-S	3/4	27.500					Arabic
			Medi 1 Radio	radio	DVB-S	3/4	27.500					French
			Radio Fes	radio	DVB-S	3/4	27.500					
			Idaa al Amazighia	radio	DVB-S	3/4	27.500					Arabic
			<u>Cyfra +</u>	package	DVB-S	3/4	27.500			Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		
			Hyper	TV	DVB-S	3/4	27.500			Mediaguard 2/Nagravision 3		Polish
			Domo TV	TV	DVB-S	3/4	27.500			Mediaguard 2/Nagravision 3		Polish
			MTV Rocks	TV	DVB-S	3/4	27.500			Mediaguard 2/Nagravision 3		English
			Canal + Sport Polska	TV	DVB-S	3/4	Y 27.500			Mediaguard 2		Polish,Polish
			TVP 1	TV	DVB-S	3/4	Y 27.500			Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish
			ZigZap	TV	DVB-S	3/4	27.500			Mediaguard 2/Nagravision 3		Polish
			Ale Kino!	TV	DVB-S	3/4	Y 27.500			Mediaguard 2		Polish
			Kuchnia TV	TV	DVB-S	3/4	27.500			Mediaguard 2/Nagravision 3		Polish
Canal + Film	TV	DVB-S	3/4	Y 27.500			Mediaguard 2		Polish,Polish			
Canal + Polska	TV	DVB-S	3/4	Y 27.500			Mediaguard 2		Polish			
TVP 2	TV	DVB-S	3/4	Y 27.500			Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish			
RMF Maxxx	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Antyradio	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Radio Jasna Góra	radio	DVB-S	3/4	27.500					Polish			
RMF FM	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Radio PIN	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Radio Zet	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Planeta FM	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Tok FM	radio	DVB-S	3/4	27.500					Polish			
Polskie Radio Czwórka	radio	DVB-S	3/4	27.500					Polish			
Polskie Radio dla zagranicy	radio	DVB-S	3/4	27.500					Polish			
Polskie Radio Trójka	radio	DVB-S	3/4	27.500					Polish			
Polskie Radio Dwójka	radio	DVB-S	3/4	27.500					Polish			
RMF Classic	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
Polskie Radio Jedynka	radio	DVB-S	3/4	27.500					Polish			
Chilli Zet	radio	DVB-S	3/4	27.500			Mediaguard 2		Polish			
<u>Orange Polska</u>	package	DVB-S2	3/4	27.500			Conax/Viaccess 3.0					
Kino Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
ESPN Classic Europe	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Travel Channel Europe	TV	DVB-S2	3/4	27.500			Viaccess 3.0		English			
Club TV Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Disney Junior Türkiye & Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish,English			
HBO Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
HBO 2 Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
HBO Comedy Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Zone Europa	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish,English			
Zone Reality Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Zone Romantica Polska & Magyar	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
HBO Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish,English			
Disney Channel Polska	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
Movies 24 Europe	TV	DVB-S2	3/4	27.500			Viaccess 3.0		Polish			
<u>Nova</u>	package	DVB-S	3/4	27.500			Irdeto 2					
Travel Channel Europe	TV	DVB-S	3/4	27.500			Irdeto 2		English			
Private Spice	TV	DVB-S	3/4	27.500			Irdeto 2		English			
Novacinema 4	TV	DVB-S	3/4	27.500			Irdeto 2		Greek			
VH1 Europe A	TV	DVB-S	3/4	27.500			Irdeto 2		English			
Novacinema 2	TV	DVB-S	3/4	27.500			Irdeto 2		Greek			
Animal Planet Africa	TV	DVB-S	3/4	27.500			Irdeto 2		Greek			
Mad Greekz	TV	DVB-S	3/4	27.500			Irdeto 2		Greek			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 10.949	V	Europe	The MGM Channel East Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			MTV Greece	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			National Geographic Channel România	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Nickelodeon Greece	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			Playboy TV	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Sentra FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			NovaSpor FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Vima FM 99.5	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Real FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Novascope	interacti	DVB-S	3/4	27.500	Irdeto 2				
			Nova programma	interacti	DVB-S	3/4	27.500	Irdeto 2				
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			Karbala Satellite Channel	TV	DVB-S	3/4	27.500		Arabic			
			Deejay TV	TV	DVB-S	3/4	27.500		Italian			
			TCM Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English			
			Cartoon Network Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English			
			Disney Channel Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English			
			Al-Forat Satellite TV Channel	TV	DVB-S	3/4	27.500		Arabic			
			Miracle	TV	DVB-S	3/4	27.500		Arabic			
			Al-Maaref TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic			
			NourSat	TV	DVB-S	3/4	27.500		Arabic			
			Sat 7 Pars	TV	DVB-S	3/4	27.500		Farsi			
			Dhamma Media Channel	TV	DVB-S	3/4	27.500		Thai,English			
			ANB	TV	DVB-S	3/4	27.500		Arabic			
			Velayat TV Network	TV	DVB-S	3/4	27.500		Urdu			
			D 10.992	V	Europe	<u>RAI</u>	package	DVB-S	2/3	27.500		
Rai 1	TV	DVB-S				2/3	Y 27.500		Italian			
Rai 2	TV	DVB-S				2/3	Y 27.500		Italian			
Rai 3	TV	DVB-S				2/3	Y 27.500		Italian			
Rai News	TV	DVB-S				2/3	27.500		Italian			
Rai 4	TV	DVB-S				2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian			
Rai Movie	TV	DVB-S				2/3	27.500	Nagravision 3	Italian			
Rai Radio Fd 4	radio	DVB-S				2/3	27.500		Italian			
Rai Radio 3	radio	DVB-S				2/3	27.500		Italian			
Rai Radio 2	radio	DVB-S				2/3	27.500		Italian			
Rai Italia Radio	radio	DVB-S				2/3	27.500					
Rai Radio 1 AM	radio	DVB-S				2/3	27.500		Italian			
D 11.013	H	Europe				<u>Mediaset</u>	package	DVB-S	3/4	27.500	Nagravision 3	
						Mediaset Italia 2	TV	DVB-S	3/4	27.500	Nagravision 3	Italian
						Mediaset Extra	TV	DVB-S	3/4	Y 27.500	Nagravision 3	Italian
D 11.034	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			Algérie 4	TV	DVB-S	3/4	27.500					
			Al Jazeera English	TV	DVB-S	3/4	27.500		English			
			Sarafan	TV	DVB-S	3/4	27.500		Russian			
			Shanson TV	TV	DVB-S	3/4	27.500		Russian			
			2M Monde	TV	DVB-S	3/4	27.500		Arabic			
			CCTV News	TV	DVB-S	3/4	27.500		English			
			Shant TV	TV	DVB-S	3/4	27.500		Armenian			
			RTR Planeta	TV	DVB-S	3/4	27.500		Russian			
			Rossiya 24	TV	DVB-S	3/4	27.500		Russian			
			TRT Türk	TV	DVB-S	3/4	Y 27.500		Turkish			
			Game One	TV	DVB-S	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French			
			AzTV	TV	DVB-S	3/4	27.500		Azerbaijan			
			Algérie 5	TV	DVB-S	3/4	27.500		Arabic			
			Radio Chanson	radio	DVB-S	3/4	27.500		Russian			
			Radio 2M	radio	DVB-S	3/4	27.500					
			1 Respublika	radio	DVB-S	3/4	27.500		Azerbaijan			
			D 11.054	H	Europe	<u>Media Broadcast</u>	package	DVB-S	5/6	27.500		
						Beladi Satellite TV	TV	DVB-S	5/6	27.500		Arabic
						Mohajer International TV	TV	DVB-S	5/6	27.500		Farsi
BW TV	TV	DVB-S				5/6	27.500	PowerVu	German			
RTL 2 Schweiz	TV	DVB-S				5/6	Y 27.500		German			
RTL Schweiz	TV	DVB-S				5/6	Y 27.500		German,German			
PMC Music	TV	DVB-S				5/6	27.500		Farsi			
U TV	TV	DVB-S				5/6	27.500		Farsi			
Iran Beauty	TV	DVB-S				5/6	27.500		Farsi			
CTV	TV	DVB-S				5/6	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
D 11.075	V	Europe	TV Persia 1	TV	DVB-S	5/6	27.500		Farsi	
			Iran Music	TV	DVB-S	5/6	27.500			
			E4me TV	TV	DVB-S	5/6	27.500		Farsi	
			Persian Star 1	TV	DVB-S	5/6	27.500			
			ZDF	TV	DVB-S	5/6	Y 27.500		German	
			Ebru TV	TV	DVB-S	5/6	27.500		English	
			Radio POS Hot AC	radio	DVB-S	5/6	27.500		German	
			Radio POS Kaufland	radio	DVB-S	5/6	27.500		German	
			Radio POS Euro AC	radio	DVB-S	5/6	27.500		German	
			Radio POS CHR	radio	DVB-S	5/6	27.500		German	
			Radio POS Soft AC	radio	DVB-S	5/6	27.500		German	
			Radio POS AC	radio	DVB-S	5/6	27.500		German	
			EuroSpar Music	radio	DVB-S	5/6	27.500		German	
			Radio POS	radio	DVB-S	5/6	27.500		German	
			<u>Viacom</u>	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		
Nickelodeon Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Nagravision 3/Viaccess 3.0		Polish,English,Russian			
Comedy Central Polska	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish			
VH1 Europe A	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		English			
Viacom Blink!	TV	DVB-S	3/4	27.500	Cryptoworks		Polish,English			
Viva Polska	TV	DVB-S	3/4	27.500			Polish			
MTV Polska	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish			
MTV Live HD	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		English,English			
Comedy Central Family Polska	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish			
D 11.117	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		
			TLC Polska	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,English
			KICC TV	TV	DVB-S	3/4	27.500		English	
			Investigation Discovery Europe	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,English
			CNBC Europe	TV	DVB-S	3/4	27.500		English	
			Yes Italia	TV	DVB-S	3/4	27.500		Italian	
			R1	TV	DVB-S	3/4	27.500		Russian	
			BBC Lifestyle Poland	TV	DVB-S	3/4	27.500	Conax/Viaccess 3.0		Polish,English
			BBC Knowledge Poland	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,English
			BBC Entertainment Poland	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,English
			CBeebies Poland	TV	DVB-S	3/4	27.500	Conax/Viaccess 3.0		Polish,English
			Al-Mawaddah TV	TV	DVB-S	3/4	27.500		Arabic	
			<u>Argiva</u>	package	DVB-S	3/4	27.500			
			Motors TV	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0		French,English,German,Serbian,Greek
			Kurdistan TV	TV	DVB-S	3/4	27.500		Kurdish	
Crime & Investigation Network UK	TV	DVB-S	3/4	27.500	Mediaguard 2/Nagravision 3		English,Polish			
TV 5 Monde Europe	TV	DVB-S	3/4	Y 27.500		French				
TV 5 Monde FBS	TV	DVB-S	3/4	Y 27.500		French				
Vista Teleshopping	TV	DVB-S	3/4	27.500		English				
Sada e Afghanistan TV	TV	DVB-S	3/4	27.500		Farsi				
TelefortuneSat	TV	DVB-S	3/4	27.500		Italian				
NHK World TV	TV	DVB-S	3/4	27.500		English				
Gem Classic	TV	DVB-S	3/4	27.500		Farsi				
Bloomberg TV Europe	TV	DVB-S	3/4	27.500		English				
D 11.158	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		
			Polsat Café	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			Polsat News	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			TV Biznes	TV	DVB-S	5/6	27.500		Polish	
			Polsat 2	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			Polsat Play	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			Polsat	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.179	H	Europe	TV 4	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
			Polsat Sport	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Polsat Sport Extra	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Telespazio	package	DVB-S	3/4	27.500					
			Tele Padre Pio	TV	DVB-S	3/4	27.500		Italian			
			TeleFoggia	TV	DVB-S	3/4	27.500		Italian			
			Challenger TV	TV	DVB-S	3/4	27.500		Italian			
			Erde & Mensch	TV	DVB-S	3/4	27.500		German			
			TV Canção Nova Internacional	TV	DVB-S	3/4	27.500		Portuguese			
			GBR	TV	DVB-S	3/4	27.500		Italian			
			New TV	TV	DVB-S	3/4	27.500		Italian			
			Kentron TV International	TV	DVB-S	3/4	27.500		Armenian			
			Payam-e-Afghan TV	TV	DVB-S	3/4	27.500		Farsi			
			Fadak TV	TV	DVB-S	3/4	27.500		Arabic			
			ACM Channel	TV	DVB-S	3/4	27.500		Italian			
			TeF Channel	TV	DVB-S	3/4	27.500		Italian			
			TRSP	TV	DVB-S	3/4	27.500		Italian			
			EUArmenia	TV	DVB-S	3/4	27.500		Armenian			
			Italia 8 Prestige	TV	DVB-S	3/4	27.500		Italian			
			CTV	TV	DVB-S	3/4	27.500		Arabic			
			20 TV	TV	DVB-S	3/4	27.500		Arabic			
			Telemarket	TV	DVB-S	3/4	Y 27.500		Italian			
			NTD TV	TV	DVB-S	3/4	27.500		Chinese			
			VAB Radio	radio	DVB-S	3/4	27.500		Vietnamese			
D 11.200	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S	5/6	27.500					
			GK Channel	TV	DVB-S	5/6	27.500		Kurdish			
			The Way TV	TV	DVB-S	5/6	27.500		Arabic			
			Movie 1	TV	DVB-S	5/6	27.500		Arabic			
			Video Bergamo	TV	DVB-S	5/6	27.500		Italian			
			Fuego TV	TV	DVB-S	5/6	27.500		Italian			
			CGN TV	TV	DVB-S	5/6	27.500		Korean			
			Pro TV International	TV	DVB-S	5/6	27.500		Romanian			
			Dieu TV	TV	DVB-S	5/6	27.500		French			
			Dolly Buster Classic	TV	DVB-S	5/6	27.500	Irdeto 2/Viaccess 4.0				
			Dolly Buster HD	TV	DVB-S	5/6	27.500	Irdeto 2/Viaccess 4.0				
			In TV	TV	DVB-S	5/6	27.500		Italian			
			Xtsy by Free-X TV 2	TV	DVB-S	5/6	27.500	Viaccess 4.0				
			Dolly Buster Secret	TV	DVB-S	5/6	27.500	Irdeto 2/Viaccess 4.0				
			Dolly Buster Media	TV	DVB-S	5/6	27.500	Irdeto 2/Viaccess 4.0				
			Dolly Buster Five Star	TV	DVB-S	5/6	27.500	Irdeto 2/Viaccess 4.0				
			Eurotic TV	TV	DVB-S	5/6	27.500					
			EBC 1	TV	DVB-S	5/6	27.500		Farsi			
			Mohabat TV	TV	DVB-S	5/6	27.500		Farsi			
			MTA 3 Al Arabiyah	TV	DVB-S	5/6	27.500		Italian			
			KlikSat	TV	DVB-S	5/6	27.500		Farsi			
			Al Fayhaa TV	TV	DVB-S	5/6	27.500		Arabic			
			Diprè TV	TV	DVB-S	5/6	27.500		Italian			
			Radio Kurdistan	radio	DVB-S	5/6	27.500		Kurdish			
			European Tamil Radio	radio	DVB-S	5/6	27.500		Tamil			
			Radio Mojdeh	radio	DVB-S	5/6	27.500		Farsi			
			Radio Intesa San Paolo	radio	DVB-S	5/6	27.500		Italian			
			Radio Novaya Zhizn	radio	DVB-S	5/6	27.500		Russian			
			Euroradio FM	radio	DVB-S	5/6	27.500		Belarussian			
			TBC	radio	DVB-S	5/6	27.500		Tamil			
			GTBC FM	radio	DVB-S	5/6	27.500		Tamil			
			London Tamil FM	radio	DVB-S	5/6	27.500		Tamil			
			D 11.219	H	Europe	<u>Skv Italia</u>	package	DVB-S	3/4	29.900	Videoguard	
						Disney XD Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
Discovery Channel Italia +1	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Cartoon Network Italia	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Hip Hop TV	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Boomerang Italia	TV	DVB-S				3/4	29.900	Videoguard	Italian			
DeA Kids +1	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Disney Junior Italia +1	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Match Music TV	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Rock TV	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Capital '70	radio	DVB-S				3/4	29.900	Videoguard				
B-Side	radio	DVB-S				3/4	29.900	Videoguard				
Deejay 50 Songs	radio	DVB-S				3/4	29.900	Videoguard				

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.				
				Audio MHz	Digital FEC							
D 11.240	V	Europe	Hit Italia	radio	DVB-S	3/4	29.900	Videoguard				
			Jazz & Fusion	radio	DVB-S	3/4	29.900	Videoguard				
			Disc Joker	radio	DVB-S	3/4	29.900	Videoguard				
			Baby Mix	radio	DVB-S	3/4	29.900	Videoguard				
			Cinema DeeJay	radio	DVB-S	3/4	29.900	Videoguard				
			Opera	radio	DVB-S	3/4	29.900	Videoguard				
			Sinfonia	radio	DVB-S	3/4	29.900	Videoguard				
			Extra Beat	radio	DVB-S	3/4	29.900	Videoguard				
			Jazz Gold	radio	DVB-S	3/4	29.900	Videoguard				
			Rock Shock	radio	DVB-S	3/4	29.900	Videoguard				
			Yesterjay 2000	radio	DVB-S	3/4	29.900	Videoguard				
			Yesterjay '80	radio	DVB-S	3/4	29.900	Videoguard				
			Yesterjay '90	radio	DVB-S	3/4	29.900	Videoguard				
			Italian Vintage	radio	DVB-S	3/4	29.900	Videoguard				
			Soul Train	radio	DVB-S	3/4	29.900	Videoguard				
			Vibe	radio	DVB-S	3/4	29.900	Videoguard				
			Capital Rock Classic	radio	DVB-S	3/4	29.900	Videoguard				
			Heart 'n Song	radio	DVB-S	3/4	29.900	Videoguard				
			Dance	radio	DVB-S	3/4	29.900	Videoguard				
			Ritmo Latino	radio	DVB-S	3/4	29.900	Videoguard				
			Capital Livetime	radio	DVB-S	3/4	29.900	Videoguard				
Vintage '60	radio	DVB-S	3/4	29.900	Videoguard							
D 11.258	H	Europe	<u>Eutelsat</u>	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			La Deux	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			Disney Channel France	TV	DVB-S	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			Club RTL	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			RTL TVI	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			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,Serbian,Czech,Danish,Russian,Swedish,Hungarian,Romanian,Norwegian			
			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/Videoguard	English,German,Russian,Greek,Serbian,Romanian,Turkish			
			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,Turkish,Serbian			
			France 24 English	TV	DVB-S	3/4	27.500		English			
			France 24 Français	TV	DVB-S	3/4	27.500		French			
			La Une	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			Plug RTL	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 4.0	French			
			D 11.278	V	Europe	<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
						TVP HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
Cinemax Central Europe	TV	DVB-S2				3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English			
Animal Planet HD	TV	DVB-S2				3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
Nat Geo Wild HD Europe	TV	DVB-S2				3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English,French,Russian,Turkish			
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			
NFilm HD 2	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0	Polish,Polish			
Wojna i Pokój	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0	Polish,Russian			
A 11.278	V	Europe	<u>Cyfra +</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Videoguard				
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3	Polish			
			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,Portuguese,Polish,Hungarian,Spanish,Italian,Romanian,Greek			
			FilmBox HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Czech			
			Canal + Polska	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3	Polish			
			National Geographic Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.296	H	Europe	Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			<u>Al Jazeera Sport</u>	package	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	
			Al Jazeera Sport Channel +5	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +10	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +8	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +6	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +4	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +3	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +2	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +1	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English,Arabic
Al Jazeera Sport Channel +7	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
D 11.317	V	Europe	<u>Arqiva</u>	package	DVB-S	3/4	27.500		
			PDF	TV	DVB-S	3/4	27.500		
			Alanwar TV	TV	DVB-S	3/4	27.500		Arabic
			Wedding TV Italia	TV	DVB-S	3/4	27.500		Italian
			Pars TV	TV	DVB-S	3/4	27.500		Farsi
			Imam Hussein TV	TV	DVB-S	3/4	27.500		Farsi
			Afghan News	TV	DVB-S	3/4	27.500		
			RT Arabic	TV	DVB-S	3/4	27.500		Arabic
			ATV 2	TV	DVB-S	3/4	27.500		
			CSB TV	TV	DVB-S	3/4	27.500		
			Videolina Sat	TV	DVB-S	3/4	27.500		Italian
			Manoto 1	TV	DVB-S	3/4	27.500		Farsi
			Suroyo TV	TV	DVB-S	3/4	27.500		
			Sardegna 1 Sat	TV	DVB-S	3/4	27.500		Italian
			RT English	TV	DVB-S	3/4	27.500		English
D 11.355	V	Europe	Radio Kaszëbë	radio	DVB-S	3/4	27.500		
			Radiolina	radio	DVB-S	3/4	27.500		Italian
			<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard	
			Lady Channel	TV	DVB-S	3/4	29.900	Videoguard	Italian
			AXN Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
			MTV Dance	TV	DVB-S	3/4	29.900	Videoguard	English
			AXN Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian
			MTV Music Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Nick Jr Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
			MTV Classic Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Class CNBC	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Discovery Travel & Living Europe	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Discovery Science Channel	TV	DVB-S	3/4	29.900	Videoguard	Italian
			ESPN Classic Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
Onda Latina	TV	DVB-S	3/4	29.900	Videoguard	Italian			
D 11.393	V	Europe	<u>Telewizja na karte</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			TVN	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
			TVN Style	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN Turbo	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN Meteo	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Mango 24	TV	DVB-S	5/6	Y 27.500		Polish
			Discovery Historia	TV	DVB-S	5/6	27.500	Conax/Viaccess 3.0	Polish
			N Sport	TV	DVB-S	5/6	27.500	Conax/Viaccess 3.0	Polish
			TVN 24	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN CNBC	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN 7	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
D 11.411	H	Europe	<u>Telekom Srbija</u>	package	DVB-S	5/6	27.500		
			Kino Polska Muzyka	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish
			Wesal Farsi TV	TV	DVB-S	5/6	27.500		Farsi
			Persian TV	TV	DVB-S	5/6	27.500		Farsi
			RTA	TV	DVB-S	5/6	27.500		
			Azad TV International	TV	DVB-S	5/6	27.500		Azerbaijan
A 11.449	H	Europe	Kanal Hayat	TV	DVB-S	5/6	27.500		Turkish
			Al Hayat	TV	DVB-S	5/6	27.500		Arabic
			<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Nagravision 3/Viaccess 3.0	
TVP 1	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0	Polish			
Romance TV Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0	Polish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz			
D 11.471	V	Europe	N Show 3D	TV	DVB-S2	3/4	27.500	Conax	Polish
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Conax/Nagravision 3/Viaccess 3.0	Polish
			MGM HD Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0	Polish
			N Sport	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0	Polish,Polish
			VOD	TV	DVB-S2	3/4	27.500	Conax	Polish,English
			<u>SatLink</u>	package	DVB-S	5/6	27.500		
			TVA Vicenza	TV	DVB-S	5/6	27.500		Italian
			Nickelodeon Polska	TV	DVB-S	5/6	27.500	Cryptoworks/Nagravision 3	Polish
			Rete Oro Sat	TV	DVB-S	5/6	27.500		Italian
			Gold Sat	TV	DVB-S	5/6	27.500		Italian
			Wewell	TV	DVB-S	5/6	27.500		Italian
			Tele Lautari	TV	DVB-S	5/6	27.500		Italian
			La Nuova TV	TV	DVB-S	5/6	27.500		Italian
			Reteconomy	TV	DVB-S	5/6	27.500		Italian
			La 8	TV	DVB-S	5/6	27.500		Italian
			Tasvir e Iran	TV	DVB-S	5/6	27.500		Farsi
			Barbara Commercial TV	TV	DVB-S	5/6	27.500		Italian
			Studio 100 Sat	TV	DVB-S	5/6	27.500		Italian
			Al Malakoot Sat	TV	DVB-S	5/6	27.500		Arabic
			Sawalef X	TV	DVB-S	5/6	27.500		Arabic
			Dardasha TV	TV	DVB-S	5/6	27.500		
			Somali Channel	TV	DVB-S	5/6	27.500		Somali
			One Sri Lanka Channel	TV	DVB-S	5/6	27.500		Sinhalese
			Spirit Word	TV	DVB-S	5/6	27.500		English
			Royal TV	TV	DVB-S	5/6	27.500		Somali
			X-Dream TV	TV	DVB-S	5/6	27.500	Viaccess 4.0	
			La 9	TV	DVB-S	5/6	27.500		Italian
			Kahkeshan TV	TV	DVB-S	5/6	27.500		Farsi
			Free-X TV	TV	DVB-S	5/6	27.500	Viaccess 4.0	
			Telenova	TV	DVB-S	5/6	27.500		Italian
			French Lover TV	TV	DVB-S	5/6	27.500	Viaccess 4.0	French
			Telecolore	TV	DVB-S	5/6	27.500		Italian
			Payam-e-Doost	radio	DVB-S	5/6	27.500		Farsi
D 11.488	H	Europe	<u>Cyfra +</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	
			Cyfra + VOD promo	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish
			TVP Kultura	TV	DVB-S	5/6	Y 27.500		Polish
			TV Puls	TV	DVB-S	5/6	27.500		Polish
			Cinemax Central Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish
			TVP Info	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Club TV Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Fox Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Zone Reality Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Trace Urban English	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	English
			Kino Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			TVS	TV	DVB-S	5/6	Y 27.500		Polish
			TVP Polonia	TV	DVB-S	5/6	Y 27.500		Polish
			ITV	TV	DVB-S	5/6	Y 27.500		Polish
			D 11.508	V	Europe	Animal Planet Europe	TV	DVB-S	5/6
<u>Grupa ITI</u>	package	DVB-S				5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
TVN	TV	DVB-S				5/6	27.500	Conax/Nagravision 3/Viaccess 3.0	Polish,Polish
Eska TV	TV	DVB-S				5/6	27.500		Polish
TVR	TV	DVB-S				5/6	27.500		Polish
TVP Seriale	TV	DVB-S				5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
TVP Sport	TV	DVB-S				5/6	Y 27.500	Conax/Viaccess 3.0	Polish
Religia TV	TV	DVB-S				5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
Discovery Channel Polska	TV	DVB-S				5/6	27.500	Conax/Viaccess 3.0	Polish
TVN +1	TV	DVB-S				5/6	27.500	Conax/Nagravision 3/Viaccess 3.0	Polish,Polish
D 11.526	H	Europe	<u>SRG SSR</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0	
			RSI La 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			TSR 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			RSI La 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			TSR 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			RSI Rete Due	radio	DVB-S	3/4	27.500		Italian
			World Radio Switzerland	radio	DVB-S	3/4	27.500		English
			RSR Espace 2	radio	DVB-S	3/4	27.500		French
			RSI Rete Tre	radio	DVB-S	3/4	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.541	V	Europe	Radio Suisse Classique	radio	DVB-S	3/4	27.500		French	
			RSI Rete Uno	radio	DVB-S	3/4	27.500		Italian	
			Couleur 3	radio	DVB-S	3/4	27.500		French	
			RSR La 1ère	radio	DVB-S	3/4	27.500		French	
			Option Musique	radio	DVB-S	3/4	27.500		French	
			<u>M-Three satcom</u>	package	DVB-S	5/6	22.000			
			HSE 24 Italia	TV	DVB-S	5/6	22.000			Italian
			Physique TV	TV	DVB-S	5/6	22.000			English
			Polo TV	TV	DVB-S	5/6	22.000			Polish
			Das Erste	TV	DVB-S	5/6	Y 22.000			German
			Trentino TV	TV	DVB-S	5/6	22.000			Italian
			La 7	TV	DVB-S	5/6	Y 22.000	Nagravision 3		Italian
			Telecity	TV	DVB-S	5/6	22.000			Italian
			T Sat	TV	DVB-S	5/6	22.000	Videoguard		Italian
			Jewels La Sorgente	TV	DVB-S	5/6	22.000			Italian
			QVC Italia	TV	DVB-S	5/6	22.000			Italian
			Virgin Radio TV	TV	DVB-S	5/6	22.000			Italian
			Radio Kolbe	radio	DVB-S	5/6	22.000			Italian
			Virgin Radio Italia	radio	DVB-S	5/6	22.000			Italian
			Radio Studio House	radio	DVB-S	5/6	22.000			Italian
			Radio Cuore	radio	DVB-S	5/6	22.000			Italian
			Radio Buon Consiglio	radio	DVB-S	5/6	22.000			Italian
			Radio Sportiva	radio	DVB-S	5/6	22.000			Italian
			Radio Kiss Kiss	radio	DVB-S	5/6	22.000			Italian
			Radio Sacra Famiglia InBlu	radio	DVB-S	5/6	22.000			Italian
			Radio 24	radio	DVB-S	5/6	22.000			Italian
			RMC 2	radio	DVB-S	5/6	22.000			Italian
			R101	radio	DVB-S	5/6	22.000			Italian
			Rete Sport	radio	DVB-S	5/6	22.000			Italian
			DiscoRadio	radio	DVB-S	5/6	22.000			Italian
			Radio DeeJay	radio	DVB-S	5/6	22.000			Italian
			Radio Capital	radio	DVB-S	5/6	22.000			Italian
			M2o	radio	DVB-S	5/6	22.000			Italian
			Radio Iglesias	radio	DVB-S	5/6	22.000			Italian
Tam Tam Network	radio	DVB-S	5/6	22.000			Italian			
Radiosei	radio	DVB-S	5/6	22.000			Italian			
Radio Onda d'Urto	radio	DVB-S	5/6	22.000			Italian			
D 11.566	H	Europe	<u>Trinity Broadcasting Network</u>	package	DVB-S	3/4	27.500			
			Ulibka Rebyonka	TV	DVB-S	3/4	27.500		Russian	
			Salaam TV 2	TV	DVB-S	3/4	27.500		Arabic	
			Somaliiland National TV	TV	DVB-S	3/4	27.500		Somali	
			Iranian Cinema Channel	TV	DVB-S	3/4	27.500		Farsi	
			CallShop	TV	DVB-S	3/4	27.500			
			TBN Europe	TV	DVB-S	3/4	27.500		English	
			Huda TV	TV	DVB-S	3/4	27.500		English	
			Nejat TV	TV	DVB-S	3/4	27.500		Farsi	
			Smile of a Child TV	TV	DVB-S	3/4	27.500		English	
			TBN Rossiya	TV	DVB-S	3/4	27.500		Russian	
			The Healing Channel	TV	DVB-S	3/4	27.500		Arabic	
			JCTV USA	TV	DVB-S	3/4	27.500		English	
			The Church Channel	TV	DVB-S	3/4	27.500		English	
			TBN Italia	TV	DVB-S	3/4	27.500		Italian	
			Enlace TBN	TV	DVB-S	3/4	27.500		Spanish	
			Nour TV	TV	DVB-S	3/4	27.500		Farsi	
D 11.585	V	Europe	<u>GlobeCast World TV</u>	package	DVB-S	3/4	27.500			
			Yerkir Media TV	TV	DVB-S	3/4	27.500		Armenian	
			121 Salam	TV	DVB-S	3/4	27.500			
			121 Turkiye	TV	DVB-S	3/4	27.500			
			121 Persia	TV	DVB-S	3/4	27.500			
			121 Pakistan	TV	DVB-S	3/4	27.500			
			Daystar TV	TV	DVB-S	3/4	27.500		English	
			Loveworld TV	TV	DVB-S	3/4	27.500		English	
			4U India	TV	DVB-S	3/4	27.500			
			Viva l'Italia Channel	TV	DVB-S	3/4	27.500		Italian	
			Fashion One	TV	DVB-S	3/4	27.500		English	
			Ariana TV Network International	TV	DVB-S	3/4	27.500			
			Rebel TV	TV	DVB-S	3/4	27.500		Polish	
			Inspiration Network International	TV	DVB-S	3/4	27.500		English	
			Tishk TV	TV	DVB-S	3/4	27.500		Kurdish	
			Kalaignar TV UK	TV	DVB-S	3/4	27.500		Tamil	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.604	H	Europe	Welcome TV	TV	DVB-S	3/4	27.500			
			Yahweh Prophetic TV	TV	DVB-S	3/4	27.500			Arabic
			Sedmoi kanal novosti	TV	DVB-S	3/4	27.500			Kazakh
			Poker Italia 24	TV	DVB-S	3/4	27.500			Italian
			TV Globo Internacional Europa/África	TV	DVB-S	3/4	27.500	Nagravision 2/Viaccess 2.5		Portuguese
			EWTN UK	TV	DVB-S	3/4	27.500			English
			India Contact	TV	DVB-S	3/4	27.500			
			<u>Media Broadcast</u>	package	DVB-S	5/6	27.500			
			4play games	TV	DVB-S	5/6	27.500			Arabic
			G di G Channel	TV	DVB-S	5/6	27.500			Italian
			3 Channel One	TV	DVB-S	5/6	27.500			Italian
			Persian Film	TV	DVB-S	5/6	27.500			Farsi
			Elite Shopping TV	TV	DVB-S	5/6	27.500			Italian
			Play TV	TV	DVB-S	5/6	27.500			Italian
			Primantenna World	TV	DVB-S	5/6	27.500			Italian
			Sathouse promo	TV	DVB-S	5/6	27.500			Italian
			Al-Jameela TV	TV	DVB-S	5/6	27.500			Arabic
			Nisa 2 18+	TV	DVB-S	5/6	27.500			Arabic
			Napoli Mia	TV	DVB-S	5/6	27.500			Italian
			Diamante TV	TV	DVB-S	5/6	27.500			Italian
			KBC TV	TV	DVB-S	5/6	27.500			Kurdish
			Persian Star 2	TV	DVB-S	5/6	27.500			
			Betting Channel	TV	DVB-S	5/6	27.500			Italian
			ASO Sat	TV	DVB-S	5/6	27.500			Kurdish
			IFM TV	TV	DVB-S	5/6	27.500			Farsi
			IMN TV	TV	DVB-S	5/6	27.500			Farsi
			Napoli TLA	TV	DVB-S	5/6	27.500			Italian
			Juwelo TV Italia	TV	DVB-S	5/6	27.500			Italian
			Arab Girls TV	TV	DVB-S	5/6	27.500			Arabic
			Pali	TV	DVB-S	5/6	27.500			Russian
			121 India	TV	DVB-S	5/6	27.500			Arabic
			Arte Oggi	TV	DVB-S	5/6	27.500			Italian
			Love TV	TV	DVB-S	5/6	27.500			Arabic
			Arab-Jins TV	TV	DVB-S	5/6	27.500			Arabic
			1 to 1 Chat	TV	DVB-S	5/6	27.500			Arabic
			Hot Arab Sex	TV	DVB-S	5/6	27.500			Arabic
			DW-TV Europe	TV	DVB-S	5/6	27.500	Y		
			Star Sat	TV	DVB-S	5/6	27.500			Italian
			India Girls	TV	DVB-S	5/6	27.500			
			Supreme Master TV	TV	DVB-S	5/6	27.500			English
			Lebniyat TV	TV	DVB-S	5/6	27.500			Arabic
			DW-Radio 8	radio	DVB-S	5/6	27.500			
DW-Radio 1	radio	DVB-S	5/6	27.500			German			
DW-Radio 2	radio	DVB-S	5/6	27.500			English			
DW-Radio 4	radio	DVB-S	5/6	27.500						
China Radio International	radio	DVB-S	5/6	27.500						
DW-Radio 6	radio	DVB-S	5/6	27.500						
DW-Radio 9	radio	DVB-S	5/6	27.500						
DW-Radio 5	radio	DVB-S	5/6	27.500						
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500			
			TVR International	TV	DVB-S	3/4	Y 27.500		Romanian	
			Abu Dhabi Sports 1	TV	DVB-S	3/4	27.500		Arabic	
			KBS World	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0	Korean	
			Italia Channel	TV	DVB-S	3/4	27.500		Italian	
			Arirang World	TV	DVB-S	3/4	27.500		Korean	
			RTL 102.5 RadioVisione	TV	DVB-S	3/4	27.500		Italian	
			ARTE Français	TV	DVB-S	3/4	Y 27.500		French,German	
			Pianeta TV	TV	DVB-S	3/4	27.500		Italian	
			Beur TV	TV	DVB-S	3/4	27.500		French	
			Telesud	TV	DVB-S	3/4	27.500		French	
			K+	TV	DVB-S	3/4	27.500		Russian	
			Mastimasala TV	TV	DVB-S	3/4	27.500			
			E*TV Satellite	TV	DVB-S	3/4	27.500		Italian	
			Nessma	TV	DVB-S	3/4	27.500		Arabic	
			RTL 102.5 FM	radio	DVB-S	3/4	27.500		Italian	
			RTL 102.5 Groove	radio	DVB-S	3/4	27.500		Italian	
			RTL 102.5 Italian Style	radio	DVB-S	3/4	27.500		Italian	
			RTL 102.5 Radio Guardia Costiera	radio	DVB-S	3/4	27.500		Italian	
			RTL 102.5 Classic	radio	DVB-S	3/4	27.500		Italian	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.642	H	Europe	ARTE Radio	radio	DVB-S	3/4	27.500			French		
			RadioClassica	radio	DVB-S	3/4	27.500			Italian		
			Radio România International 1	radio	DVB-S	3/4	27.500					
			Radio România International 2	radio	DVB-S	3/4	27.500				Romanian	
			<u>Belgium Satellite Services</u>	package	DVB-S	3/4	27.500					
			Russian Music Box	TV	DVB-S	3/4	27.500				Russian	
			PEN	TV	DVB-S	3/4	27.500				Farsi	
			Zee TV Russia	TV	DVB-S	3/4	27.500	Irdeto 2			Russian	
			Zee Cinema UK	TV	DVB-S	3/4	Y 27.500	Irdeto 2			Hindi	
			Kalemeh TV	TV	DVB-S	3/4	27.500				Farsi	
			Mwala3a 3lik	TV	DVB-S	3/4	27.500					
			Iran Fun	TV	DVB-S	3/4	27.500					
			Somali National TV	TV	DVB-S	3/4	27.500					Somali
			The Word Network	TV	DVB-S	3/4	27.500					English
			God TV Europe	TV	DVB-S	3/4	27.500					English
			Anta 7iate	TV	DVB-S	3/4	27.500					
			Live Channel	TV	DVB-S	3/4	27.500					Farsi
			Iran TV Network	TV	DVB-S	3/4	27.500					Farsi
			Iran ATV	TV	DVB-S	3/4	27.500					
			Zee TV UK	TV	DVB-S	3/4	Y 27.500	Irdeto 2				Hindi
			Iran As TV	TV	DVB-S	3/4	27.500					Farsi
			M1 TV	TV	DVB-S	3/4	27.500					Farsi
			Hope Channel Europe	TV	DVB-S	3/4	27.500					
			Liguria TV	TV	DVB-S	3/4	27.500					Italian
			Sri TV	TV	DVB-S	3/4	27.500					
			Tele A	TV	DVB-S	3/4	27.500					Italian
			TV Capital	TV	DVB-S	3/4	27.500					Italian
			Italamia Sat	TV	DVB-S	3/4	27.500					Italian
			Napoli TLA	TV	DVB-S	3/4	27.500					Italian
			Komala TV	TV	DVB-S	3/4	27.500					Kurdish
			Salam Watandar	radio	DVB-S	3/4	27.500					
			Radio Shora	radio	DVB-S	3/4	27.500					Arabic
			Radio Eviva	radio	DVB-S	3/4	27.500					German
			Radio Vlaanderen Info	radio	DVB-S	3/4	27.500					Dutch
			Radio Vlaanderen	radio	DVB-S	3/4	27.500					Dutch
			Radio 74	radio	DVB-S	3/4	27.500					English
			ILC Tamil	radio	DVB-S	3/4	27.500					Tamil
			Radio Nawa Kurdish	radio	DVB-S	3/4	27.500					Kurdish
			Radio Jeans	radio	DVB-S	3/4	27.500					Italian
			Radio Nawa Arabic	radio	DVB-S	3/4	27.500					Arabic
Rang-a-Rang Radio	radio	DVB-S	3/4	27.500					Farsi			
Radio Expert	radio	DVB-S	3/4	27.500					Italian			
Radio Padania Libera	radio	DVB-S	3/4	27.500					Italian			
D 11.662	V	Europe	<u>Telespazio</u>	package	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard/Nagravision 3/SkyPilot/Viaccess 4.0/Videoguard				
			Primocanale	TV	DVB-S	3/4	27.500	Videoguard		Italian		
			Conto TV 1	TV	DVB-S	3/4	27.500	Conax/Videoguard		Italian		
			Justice TV	TV	DVB-S	3/4	27.500			Italian		
			Conto TV 2	TV	DVB-S	3/4	27.500	Conax/Videoguard		Italian		
			TG Norba 24	TV	DVB-S	3/4	27.500	Videoguard		Italian		
			Canale Italia 83	TV	DVB-S	3/4	27.500			Italian		
			Conto TV 4	TV	DVB-S	3/4	27.500	Conax/Videoguard		Italian		
			Studio Europa	TV	DVB-S	3/4	27.500			Italian		
			Teleitalia TV promo	TV	DVB-S	3/4	27.500			Italian		
			Passione Pesca	TV	DVB-S	3/4	27.500			Italian		
			Redlight promo	TV	DVB-S	3/4	27.500			Italian		
			Conto TV 3	TV	DVB-S	3/4	27.500	Conax/Videoguard		Italian		
			Blu	TV	DVB-S	3/4	27.500			Italian		
			Conto TV promo	TV	DVB-S	3/4	27.500			Italian		
			Redlight Premium	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 4.0		English		
			Italia 7	TV	DVB-S	3/4	27.500	Videoguard		Italian		
			AB Channel	TV	DVB-S	3/4	Y 27.500			Italian		
			Punto Sat	TV	DVB-S	3/4	27.500			Italian		
			Hustler HD	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard/Nagravision 3/SkyPilot/Viaccess 4.0		English		
Redlight HD	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 4.0		English					
Canale Italia 84	TV	DVB-S	3/4	27.500			Italian					
D 11.681	H	Europe	<u>Bis</u>	package	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0				
			TMC	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0		French		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC		MSy/s		
D 11.727	V	Europe	W9	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
			LCP	TV	DVB-S2	3/4	27.500	Mediaguard 2/Viaccess 3.0/Viaccess 4.0	French
			NT1	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			France 4	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			TF 1	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			France 2	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			France 3 Sat	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			France 5	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			M6	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French
			ARTE Français	TV	DVB-S2	3/4	27.500	Viaccess 3.0/Viaccess 4.0	French,German
			Direct 8	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
			NRJ 12	TV	DVB-S2	3/4	Y 27.500	Viaccess 3.0/Viaccess 4.0	French
			<u>TSA</u>	package	DVB-S	3/4	27.500	Irdeto 2/Viaccess 4.0/Videoguard	
			Satisfaction Plus	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			SCT HD	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0/Videoguard	Italian
			AVA Movie	TV	DVB-S	3/4	27.500		Farsi
			Tak TV	TV	DVB-S	3/4	27.500		English
			Canal 24 Horas	TV	DVB-S	3/4	Y 27.500		Spanish
			Teleitalia TV promo	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Satisfaction Privé	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Boy & Boy	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Marc Dorcel	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6	Italian
			SCT	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			BBC Arabic	TV	DVB-S	3/4	27.500		Arabic
			TVE Internacional Europe	TV	DVB-S	3/4	Y 27.500		Spanish
			Diablo X TV 2	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Telesur	TV	DVB-S	3/4	27.500		Spanish
			BBC World Service Albanian	radio	DVB-S	3/4	27.500		Albanian
			RNE Radio Clásica	radio	DVB-S	3/4	27.500		Spanish
			RNE Radio 3	radio	DVB-S	3/4	27.500		Spanish
			Radio Exterior	radio	DVB-S	3/4	27.500		
			BBC World Service English Europe	radio	DVB-S	3/4	27.500		English
			BBC World Service English Middle East	radio	DVB-S	3/4	27.500		English
			RNE Radio Nacional	radio	DVB-S	3/4	27.500		Spanish
			BBC World Service Arabic	radio	DVB-S	3/4	27.500		Arabic
			RNE Radio 5	radio	DVB-S	3/4	27.500		Spanish
			BBC World Service Azeri	radio	DVB-S	3/4	27.500		Azerbaijan
			BBC World Service Persian	radio	DVB-S	3/4	27.500		Farsi
			BBC World Service Russian	radio	DVB-S	3/4	27.500		Russian
			BBC World Service Romanian	radio	DVB-S	3/4	27.500		Romanian
			BBC World Service Balkan	radio	DVB-S	3/4	27.500		
			BBC World Service Turkish	radio	DVB-S	3/4	27.500		Turkish
			BBC World Service Ukrainian	radio	DVB-S	3/4	27.500		Ukrainian
			BBC World Service English News	radio	DVB-S	3/4	27.500		English
			RNE Ràdio 4	radio	DVB-S	3/4	27.500		Catalan
			<u>Du</u>	package	DVB-S	3/4	27.500		
			Al Sharqiya TV	TV	DVB-S	3/4	27.500		Arabic
PMC Family	TV	DVB-S	3/4	27.500		Farsi			
MeChef	TV	DVB-S	3/4	27.500		Farsi			
EZ Shop	TV	DVB-S	3/4	27.500		Arabic			
ME Shop	TV	DVB-S	3/4	27.500		Arabic			
MBC Maghreb Al-Arabia	TV	DVB-S	3/4	27.500		Arabic			
Al Arabiya	TV	DVB-S	3/4	27.500		Arabic			
TV Market	TV	DVB-S	3/4	27.500		Farsi			
Sama Dubai	TV	DVB-S	3/4	27.500		Arabic			
Dubai TV Europe	TV	DVB-S	3/4	27.500		Arabic			
Dubai Sports 3	TV	DVB-S	3/4	27.500		English,Arabic			
MBC FM	radio	DVB-S	3/4	27.500		Arabic			
Noor Dubai Radio	radio	DVB-S	3/4	27.500		Arabic			
<u>RAI</u>	package	DVB-S	2/3	27.500					
Rai Med	TV	DVB-S	2/3	27.500		Italian			
Rai Scuola	TV	DVB-S	2/3	27.500		Italian			
Rai Yoyo	TV	DVB-S	2/3	27.500	Nagravision 3	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
A 11.785	H	Europe	Senato TV	TV	DVB-S	2/3	27.500		Italian
			Rai 5	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
			Rai Notturmo Italiano	radio	DVB-S	2/3	27.500		Italian
			Rai Radio Fd 4	radio	DVB-S	2/3	27.500		Italian
			<u>Sky Italia</u>	package	DVB-S2	2/3	29.900	Videoguard	
			Sky Primafila 20	TV	DVB-S2	2/3	29.900	Videoguard	Italian
			Sky 3D promo	TV	DVB-S2	2/3	29.900	Videoguard	Italian
			National Geographic Channel HD Italia	TV	DVB-S2	2/3	29.900	Videoguard	Italian
			Fox Crime Italia	TV	DVB-S2	2/3	29.900	Videoguard	Italian
			Fox Italia	TV	DVB-S2	2/3	29.900	Videoguard	Italian
D 11.804	V	Europe	<u>RAI</u>	package	DVB-S	2/3	27.500		
			Rai Premium	TV	DVB-S	2/3	27.500	Nagravision 3	Italian
			Rai Sport 1	TV	DVB-S	2/3	27.500		Italian
			Camera dei Deputati	TV	DVB-S	2/3	27.500		Italian
			Rai Nettuno Sat Uno	TV	DVB-S	2/3	27.500		Italian
			Rai Gulp	TV	DVB-S	2/3	27.500		Italian
			Rai Sport 2	TV	DVB-S	2/3	27.500		Italian
			Rai Storia	TV	DVB-S	2/3	27.500		Italian
			TV 2000	TV	DVB-S	2/3	Y 27.500		Italian
			Radio InBlu	radio	DVB-S	2/3	27.500		Italian
			Vatican Radio 105 FM	radio	DVB-S	2/3	27.500		
			Rai Isoradio	radio	DVB-S	2/3	27.500		Italian
			GR Parlamento	radio	DVB-S	2/3	27.500		Italian
			Rai Radio Fd 5	radio	DVB-S	2/3	27.500		Italian
			Rai Radio 1	radio	DVB-S	2/3	27.500		Italian
			Rai Radio 2	radio	DVB-S	2/3	27.500		Italian
			Rai Radio 3	radio	DVB-S	2/3	27.500		Italian
D 11.823	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			Novacinema 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Novasports 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			Mega TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			ANT 1	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Alpha TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Star Channel	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Alter Channel	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Novasports 7	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Disney XD Hellas	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			SKAĪ 100.3 FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			Melodia FM 99.2	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			Ecclesia Radio	radio	DVB-S	3/4	27.500		Greek
			Love Radio 97.5	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			A 11.843	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3
Sky Calcio 9	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Primafila 7	TV	DVB-S2				2/3	29.900	Videoguard	Italian
Sky Primafila 9	TV	DVB-S2				2/3	29.900	Videoguard	Italian
Sky Primafila 11	TV	DVB-S2				2/3	29.900	Videoguard	Italian
Sky Mondiale	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Calcio 3	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Calcio 4	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Calcio 5	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Calcio 6	TV	DVB-S2				2/3	29.900	Videoguard	Italian,English
Sky Primafila 5	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
D 11.862	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard	
			Caccia e Pesca +1	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky Meteo 24	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky TG 24 mosaico	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky TG 24 Primo Piano	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky TG 24 Rassegne	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky TG 24	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Sky TG 24 Eventi	TV	DVB-S	3/4	29.900	Videoguard	Italian
			SNAI Sat	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Nat Geo Music	TV	DVB-S	3/4	29.900	Videoguard	Italian,English
D 11.881	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			National Geographic Channel Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Fox Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Marco Polo	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Leonardo	TV	DVB-S	3/4	27.500	Videoguard	Italian
D 11.900	H	Europe	Alice	TV	DVB-S	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.919	V	Europe	Sky Calcio 11	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Sky Mondiale	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Sky Primafila 1	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Calcio 8	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Sky Calcio 12	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Sky Primafila 15	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Calcio 10	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Sky Primafila 19	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Primafila 20	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Sky Primafila 17	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Primafila 16	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Primafila 18	TV	DVB-S	3/4	29.900	Videoguard	Italian,Italian			
			Sky Calcio 9	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Sky Calcio 13	TV	DVB-S	3/4	29.900	Videoguard	Italian,English			
			Mediaset	package	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3				
			Canale 5	TV	DVB-S	2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian			
			La 5	TV	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Boing Italia	TV	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Canale 5	TV	DVB-S	2/3	Y 27.500		Italian			
			Rete 4	TV	DVB-S	2/3	Y 27.500		Italian			
			Italia 1	TV	DVB-S	2/3	Y 27.500		Italian			
			Iris	TV	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Radio Mater	radio	DVB-S	2/3	27.500		Italian			
D 11.938	H	Europe	Nova	package	DVB-S	3/4	27.500	Irdeto 2				
			Novacinema 2	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Boomerang Central & Eastern Europe	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			The History Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Fox Life Greece	TV	DVB-S	3/4	27.500	Irdeto 2				
			Nat Geo Wild Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Novasports 4	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			Novasports Highlights	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Novasports 6	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			E! Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Disney Channel Middle East	TV	DVB-S	3/4	27.500	Irdeto 2	English,Greek			
			Novasports 3	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			FX Greece	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Novacinema 3	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Mad Radio 106.2	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Nova games	interacti	DVB-S	3/4	27.500	Irdeto 2				
			D 11.958	V	Europe	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
Discovery Channel Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport 24	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport Active 3	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport Active 2	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport Active 1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky SuperCalcio	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Sport 2	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport 1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
D 11.977	H	Europe				Sky Italia	package	DVB-S	3/4	29.900	Videoguard	
			Nat Geo Wild Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Fox Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Fox Crime Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Nat Geo Adventure	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Fox Retro Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			The History Channel Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Fox Life Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Gambero Rosso Channel	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Cult	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Fox Crime Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Vetrina Primafila	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Caccia e Pesca	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			A 11.996	V	Europe	Sky Italia	package	DVB-S2	2/3	29.900	Videoguard	
						Sky Cinema Comedy	TV	DVB-S2	2/3	29.900	Videoguard	Italian
Sky Sport 1	TV	DVB-S2				2/3	29.900	Videoguard	Italian			
Sky Cinema +24	TV	DVB-S2				2/3	29.900	Videoguard	Italian			
Sky Sport 2	TV	DVB-S2				2/3	29.900	Videoguard	Italian			
D 12.015	H	Europe	Sky Cinema Classics	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Jordan Media City	package	DVB-S	3/4	27.500					
			Iqraa Arabic	TV	DVB-S	3/4	27.500		Arabic			
Yemen TV	TV	DVB-S	3/4	27.500		Arabic						

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.
				Digital	Audio MHz FEC			
			TRT Belgesel	TV	DVB-S	3/4	Y 27.500	Turkish,English
			IFilm	TV	DVB-S	3/4	27.500	Arabic
			Hannibal TV	TV	DVB-S	3/4	27.500	Arabic
			Iqraa Africa & Europe	TV	DVB-S	3/4	27.500	English
			Al Haqqa	TV	DVB-S	3/4	27.500	Arabic
			Perviy Interaktivnyj Kavkazskij	TV	DVB-S	3/4	27.500	Russian
			Syria Satellite Channel	TV	DVB-S	3/4	27.500	Arabic
			RT D	TV	DVB-S	3/4	27.500	English
			Ictimai TV	TV	DVB-S	3/4	27.500	Azerbaijan
			Syria Drama	TV	DVB-S	3/4	27.500	Arabic
			Press TV	TV	DVB-S	3/4	27.500	English
			TRT FM	radio	DVB-S	3/4	27.500	Turkish
			Voice of Turkey World	radio	DVB-S	3/4	27.500	
			Radio Sout Al-Shbab	radio	DVB-S	3/4	27.500	Arabic
			Aden Radio	radio	DVB-S	3/4	27.500	Arabic
			Sana'a Radio	radio	DVB-S	3/4	27.500	Arabic
			El-Bernameg Al-Aam	radio	DVB-S	3/4	27.500	Arabic
			Radio Sout Al-Sha'ab	radio	DVB-S	3/4	27.500	Arabic
			TSR	radio	DVB-S	3/4	27.500	Turkish
D 12.034	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900 Videoguard	
			Sky Cinema Passion	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema Family	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Toon Disney Italia	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema Classics	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Disney Junior Italia	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema 1	TV	DVB-S	3/4	Y 29.900 Videoguard	Italian
			Sky Cinema +24	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Uno +1	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Disney Channel Italia	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Cielo	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema Max	TV	DVB-S	3/4	29.900 Videoguard	Italian
D 12.054	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900 Videoguard	
			Sky Sport 3	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Calcio 15	TV	DVB-S	3/4	29.900 Videoguard	Italian,English
			Sky Uno	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Calcio 1	TV	DVB-S	3/4	29.900 Videoguard	Italian,English,Arabic
			Sky Cinema Hits	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema Comedy	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Calcio 14	TV	DVB-S	3/4	29.900 Videoguard	Italian,English
			Sky Cinema +1	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Cinema Max +1	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
D 12.073	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900 Videoguard	
			Sky Calcio 3	TV	DVB-S	3/4	29.900 Videoguard	Italian,English,Arabic
			Sky Calcio 2	TV	DVB-S	3/4	29.900 Videoguard	Italian,English,Arabic
			Sky Calcio 6	TV	DVB-S	3/4	29.900 Videoguard	Italian,English
			Sky Primafila 3	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			GXT	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Calcio 5	TV	DVB-S	3/4	29.900 Videoguard	Italian,English,Arabic
			Sky Calcio 7	TV	DVB-S	3/4	29.900 Videoguard	Italian
			CNN International Europe	TV	DVB-S	3/4	29.900 Videoguard	English
			Sky Calcio 4	TV	DVB-S	3/4	29.900 Videoguard	Italian,English,Arabic
			Sky Primafila 7	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Primafila 9	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Primafila 13	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Primafila 5	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Primafila 11	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
D 12.092	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900 Videoguard	
			Sky Primafila 21	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Assist	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Primafila 23	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Diva Universal Italia	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Live!	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Fox Life Italia +1	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Primafila 22	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Sky Primafila 4	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Music Box Italia	TV	DVB-S	3/4	29.900 Videoguard	Italian
			Sky Primafila 6	TV	DVB-S	3/4	29.900 Videoguard	Italian,Italian
			Radio Capital	radio	DVB-S	3/4	29.900 Videoguard	Italian
			RMC 1	radio	DVB-S	3/4	29.900 Videoguard	Italian
			Radio Dimensione Suono	radio	DVB-S	3/4	29.900 Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.111	V	Europe	Radio 24	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Radio Italia	radio	DVB-S	3/4	29.900	Videoguard	Italian
			R101	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Sky Radio	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Radio Kiss Kiss	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Virgin Radio Italia	radio	DVB-S	3/4	29.900	Videoguard	Italian
			M2o	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Radio DeeJay	radio	DVB-S	3/4	29.900	Videoguard	Italian
			Radio 105	radio	DVB-S	3/4	29.900	Videoguard	Italian
			RTL 102.5 FM	radio	DVB-S	3/4	29.900	Videoguard	Italian
			<u>Telespazio</u>	package	DVB-S	3/4	27.500		
			Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
			Class Horse TV	TV	DVB-S	3/4	27.500		Italian
			Sender Neu Jerusalem	TV	DVB-S	3/4	27.500		German
			The Truth TV	TV	DVB-S	3/4	27.500		Arabic
			RIK Sat	TV	DVB-S	3/4	27.500		Greek
			Class TV Moda	TV	DVB-S	3/4	27.500		Italian
			Al Jazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
			Class TV MSNBC	TV	DVB-S	3/4	27.500		Italian
			Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
			Bethel TV	TV	DVB-S	3/4	27.500		Spanish
			Telemarket 2	TV	DVB-S	3/4	27.500		Italian
			Radio Radio TV	TV	DVB-S	3/4	27.500		Italian
			Radio Italia Anni 60	radio	DVB-S	3/4	27.500		Italian
			Radio Maria Italia	radio	DVB-S	3/4	27.500		Italian
			Trito Programma	radio	DVB-S	3/4	27.500		Greek
			Dimensione Suono Roma	radio	DVB-S	3/4	27.500		Italian
			Radio Italia	radio	DVB-S	3/4	27.500		Italian
			Radio Popolare	radio	DVB-S	3/4	27.500		Italian
			Radio Padre Pio	radio	DVB-S	3/4	27.500		Italian
			Radio Radio	radio	DVB-S	3/4	27.500		Italian
			Radio EuroSpin	radio	DVB-S	3/4	27.500		Italian
			Radio Radicale	radio	DVB-S	3/4	27.500		Italian
CRC FM	radio	DVB-S	3/4	27.500		Italian			
Radio Dimensione Suono	radio	DVB-S	3/4	27.500		Italian			
Radio Zeta	radio	DVB-S	3/4	27.500		Italian			
D 12.130	H	Europe	<u>Nova</u>	package	DVB-S2	3/4	27.500	Irdeto 2	
			Novacinema HD	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek
			National Geographic Channel HD Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	English
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Irdeto 2	English
			Novasports HD	TV	DVB-S2	3/4	27.500	Irdeto 2	Greek,English
			Nat Geo Wild HD Europe	TV	DVB-S2	3/4	27.500	Irdeto 2	English
D 12.149	V	Europe	<u>Eutelsat</u>	package	DVB-S	3/4	27.500		
			Bike Show TV	TV	DVB-S	3/4	27.500		Italian
			CaspioNet	TV	DVB-S	3/4	27.500		Kazakh
			People TV	TV	DVB-S	3/4	27.500		Italian
			TV Tunisia 1	TV	DVB-S	3/4	Y 27.500		Arabic
			Canale Aste	TV	DVB-S	3/4	27.500		Italian
			San Marino TV	TV	DVB-S	3/4	27.500		Italian
			CNC World English	TV	DVB-S	3/4	27.500		English
			Polskie Radio Czwórka	TV	DVB-S	3/4	27.500		Polish
			Lider TV	TV	DVB-S	3/4	27.500		Azerbaijan
			CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese
			Radiosei	radio	DVB-S	3/4	27.500		Italian
			Radio Città Futura	radio	DVB-S	3/4	27.500		Italian
			Lider Jazz Radio	radio	DVB-S	3/4	27.500		Azerbaijan
			Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	27.500		
			Tunisie Culture	radio	DVB-S	3/4	27.500		Arabic
			Ecoradio	radio	DVB-S	3/4	27.500		Italian
			Radio Nationale	radio	DVB-S	3/4	27.500		Arabic
D 12.169	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			Makedonia TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Cartoon Network Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Novasports 2	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			SKAİ Tileorasi	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Discovery Channel Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Kanali Voulis	TV	DVB-S	3/4	27.500		Greek
			Mad TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 12.188	V	Europe	ET 1	TV	DVB-S	3/4	Y 27.500	Irdeto 2		Greek	
			TCM Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2		English	
			NET	TV	DVB-S	3/4	Y 27.500	Irdeto 2		Greek	
			ET 3	TV	DVB-S	3/4	Y 27.500	Irdeto 2		Greek	
			Rebetika-Laika	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			NET FM	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Lounge TV	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Deytero Programma	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Ellinika Agapmena	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Trito Programma	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			ERA Spor 101.8	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Hits GR	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			Elliniko Rok	radio	DVB-S	3/4	27.500	Irdeto 2		Greek	
			<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0			
			Zone Romantica Polska & Magyar	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish
			AXN Crime Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish
			AXN Sci-Fi Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish
			TVP 2	TV	DVB-S	5/6	Y 27.500	Nagravision 3			Polish
			Cinemax 2 Central Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish
			ESPN Classic Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish,English
			AXN Polska	TV	DVB-S	5/6	Y 27.500	Mediaguard 2/Nagravision 3			Polish
			Discovery Channel Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish
Nat Geo Wild Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0			Polish,English			
Disney XD Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish			
Extreme Sports Channel	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3			Polish			
Fox Life Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0			Polish,English			
D 12.207	H	Europe	Polsat Futbol	TV	DVB-S	5/6	27.500	Nagravision 3		Polish	
			<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard			
			Animal Planet Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Al Jazeera English	TV	DVB-S	3/4	29.900			English	
			GXT +1	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Comedy Central Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			AXN Sci-Fi Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Nickelodeon Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Cartoon Network Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Boomerang Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Babel	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Real Time +1	TV	DVB-S	3/4	29.900			Italian	
			MTV Hits Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Cinema ITV	interacti	DVB-S	3/4	29.900	Videoguard		Italian	
			D 12.226	V	Europe	<u>VoA</u>	package	DVB-S	3/4	27.500	
Alhurra Europe	TV	DVB-S				3/4	27.500		Arabic		
VoA TV Europe	TV	DVB-S				3/4	27.500		English		
American Embassy TV Network	TV	DVB-S				3/4	27.500				
Deewa Radio	radio	DVB-S				3/4	27.500				
Ekho Kavkaza	radio	DVB-S				3/4	27.500				
Azattyk Unalgysy	radio	DVB-S				3/4	27.500				
IBB Pristina	radio	DVB-S				3/4	27.500				
VoA Global Live	radio	DVB-S				3/4	27.500		English		
Radio Sawa The Gulf	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Egypt	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Iraq	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Levant	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Lebanon	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Sudan	radio	DVB-S				3/4	27.500		Arabic		
Radio Sawa Morocco	radio	DVB-S				3/4	27.500		Arabic		
VoA Music Mix	radio	DVB-S				3/4	27.500		English		
VoA Eastern Europe	radio	DVB-S				3/4	27.500				
Voice of America	radio	DVB-S				3/4	27.500				
Radio Evropa e Lirë	radio	DVB-S				3/4	27.500				
Azatlyk Radiosy	radio	DVB-S				3/4	27.500				
Radio Svoboda	radio	DVB-S				3/4	27.500		Russian		
Radio Svoboda Ukraina	radio	DVB-S				3/4	27.500				
Ozodlik Radiosi	radio	DVB-S				3/4	27.500				
Radio Tavisupleba	radio	DVB-S				3/4	27.500				
Radio Azatutyun	radio	DVB-S	3/4	27.500							
Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500							
Azadliq Radiosu	radio	DVB-S	3/4	27.500							

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 12.245	H	Europe	Radio Iraq Hurr	radio	DVB-S	3/4	27.500	Arabic			
			Azatliq Radiosi	radio	DVB-S	3/4	27.500				
			Radio Liberty North Caucasus	radio	DVB-S	3/4	27.500				
			Radio Europa Libera	radio	DVB-S	3/4	27.500				
			Radio Slobodna Evropa	radio	DVB-S	3/4	27.500				
			Radio Farda	radio	DVB-S	3/4	27.500		Farsi		
			Mashaal Radio	radio	DVB-S	3/4	27.500				
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500		Farsi		
			Iranian TV	TV	DVB-S	3/4	27.500				
			Super Tennis	TV	DVB-S	3/4	27.500			Italian	
			Al Jazeera Sport Channel Global	TV	DVB-S	3/4	27.500			Arabic,English	
			Al Rasheed TV	TV	DVB-S	3/4	27.500			Arabic	
			Alsumaria	TV	DVB-S	3/4	27.500			Arabic	
			Al Baghdadia	TV	DVB-S	3/4	27.500			Arabic	
			Mezzo	TV	DVB-S	3/4	27.500			Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 3.0	French
			Al Rasheed FM	radio	DVB-S	3/4	27.500			Arabic	
			TRT Tamil Oli	radio	DVB-S	3/4	27.500				Tamil
Radio 2000	radio	DVB-S	3/4	27.500	Hebrew						
France Maghreb 2	radio	DVB-S	3/4	27.500	French						
Radio Orient	radio	DVB-S	3/4	27.500	Arabic						
<u>Cyfrowy Polsat</u>	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish					
HBO Polska	TV	DVB-S2	2/3	Y 27.500	Conax/Mediaguard 2/Nagravision 3						
Fox Polska	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3						
Cinemax 2 Central Europe	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3						
AXN Polska	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3/Viaccess 3.0						
Fox Life Polska	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3						
Polsat Sport HD	TV	DVB-S2	2/3	27.500	Nagravision 3						
Polsat	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3/Viaccess 3.0						
<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0						
Cyfrowy Polsat promo	TV	DVB-S	5/6	27.500	Nagravision 3		Polish				
TVP Sport	TV	DVB-S	5/6	Y 27.500	Mediaguard 2/Nagravision 3	Polish					
Disney Junior Türkiye & Polska	TV	DVB-S	5/6	27.500	Nagravision 3	Polish					
TV 6	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish					
JimJam Polska	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English					
Blue Hustler Europe	TV	DVB-S	5/6	27.500	Nagravision 3	English					
Travel Channel Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English,Russian					
Boomerang Central & Eastern Europe	TV	DVB-S	5/6	27.500	Conax/Nagravision 3	Polish,English					
Zone Europa	TV	DVB-S	5/6	27.500	Nagravision 3	Polish					
Polsat Sport News	TV	DVB-S	5/6	27.500	Nagravision 3	Polish					
Polsat Film	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish					
TVP Info	TV	DVB-S	5/6	27.500	Nagravision 3	Polish					
Superstacja	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish					
Radio Zlote Przeboje	radio	DVB-S	5/6	27.500	Polish						
RMF Classic	radio	DVB-S	5/6	27.500							
Radio Zet	radio	DVB-S	5/6	27.500							
Polskie Radio Jedylna	radio	DVB-S	5/6	27.500		Nagravision 3					
Polskie Radio Trójka	radio	DVB-S	5/6	27.500		Nagravision 3					
Radio PIN	radio	DVB-S	5/6	27.500							
Planeta FM	radio	DVB-S	5/6	27.500							
RMF Maxxx	radio	DVB-S	5/6	27.500							
RMF FM	radio	DVB-S	5/6	27.500		Nagravision 3					
TV Banking	interacti	DVB-S	5/6	27.500							
Portal ITV	interacti	DVB-S	5/6	27.500							
Pogoda	interacti	DVB-S	5/6	27.500							
<u>Orange</u>	package	DVB-S2	2/3	27.500		Viaccess 3.0/Viaccess 4.0	French				
↳Télé	TV	DVB-S2	2/3	27.500		Viaccess 3.0					
Canal + France	TV	DVB-S2	2/3	27.500		Viaccess 3.0					
Stylia	TV	DVB-S2	2/3	27.500		Viaccess 3.0					
Equidia	TV	DVB-S2	2/3	27.500		Viaccess 3.0/Viaccess 4.0					
MCM Top	TV	DVB-S2	2/3	27.500	Viaccess 3.0						
Disney Channel France	TV	DVB-S2	2/3	27.500	Viaccess 3.0						
Vivolta	TV	DVB-S2	2/3	27.500	Viaccess 3.0						
ESPN Classic Europe	TV	DVB-S2	2/3	27.500	Viaccess 3.0						
Ma Chaîne Sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0						

Freq (GHz)	Pol	Beam	Channel	Analogue		Text	Access	Lang.				
				Digital	Audio MHz							
				Digital	FEC	MSy/s						
D 12.322	H	Europe	MCM Pop	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			OMTV	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Sport +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			KZ TV	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Golf Channel France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Jimmy	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			EI Europe	TV	DVB-S2	2/3	27.500	Viaccess 3.0	English			
			<u>Eutelsat</u>	package	DVB-S	3/4	27.500					
			Nashe Lubimoe Kino	TV	DVB-S	3/4	27.500	Conax/Viaccess 4.0/Videoguard	Russian			
			Teletirreno	TV	DVB-S	3/4	27.500		Italian			
			Universal Channel Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess	Polish,Romanian			
			Sci Fi Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess	Polish,Romanian			
			Toscana Channel Sat	TV	DVB-S	3/4	27.500		Italian			
			YouDem TV	TV	DVB-S	3/4	27.500		Italian			
			Sport Klub Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2	Polish			
			World Fashion Channel International	TV	DVB-S	3/4	27.500		English			
			TV Arm Ru	TV	DVB-S	3/4	27.500		Russian			
			Detski Mir	TV	DVB-S	3/4	27.500	Conax/Viaccess 4.0/Videoguard	Russian			
			RTV International Europe	TV	DVB-S	3/4	27.500	Conax/Viaccess 4.0/Videoguard	Russian			
			Rede Internacional de TV K2	TV	DVB-S	3/4	27.500		Portuguese			
TeleKlub	TV	DVB-S	3/4	27.500	Conax/Viaccess 4.0/Videoguard	Italian						
Peiraiiki Ekklesia 91.2 FM	radio	DVB-S	3/4	27.500		Russian						
A 12.341	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	29.900	Videoguard	Greek			
			Discovery Channel Italia	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Cinema Max	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Primafila 1	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Cinema Hits	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Calcio 8	TV	DVB-S2	2/3	29.900	Videoguard	Italian,English			
			Sky Cinema 1	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			<u>Sky Italia</u>	package	DVB-S2	2/3	29.900	Videoguard				
			Sky Cinema +1	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Sport 3	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
A 12.360	H	Europe	Sky Cinema Passion	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			AXN Italia	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky Cinema Family	TV	DVB-S2	2/3	29.900	Videoguard	Italian			
			Sky SuperCalcio	TV	DVB-S2	2/3	29.900	Videoguard	Italian,English			
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			Abu Dhabi Al Oula Europe	TV	DVB-S	3/4	27.500		Arabic			
			Speda Channel	TV	DVB-S	3/4	27.500		Arabic			
			RTG TV	TV	DVB-S	3/4	27.500	Viaccess 4.0	English,Russian			
			Equidia Pro 3	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 4.0	French,English			
			Al Sunna Al Nabawiyah TV	TV	DVB-S	3/4	27.500		Arabic			
D 12.380	V	Europe	KSA 2	TV	DVB-S	3/4	27.500		English			
			Al-Zahra TV	TV	DVB-S	3/4	27.500		Arabic			
			Hod Hod TV	TV	DVB-S	3/4	27.500		Arabic			
			Libya TV	TV	DVB-S	3/4	27.500		Arabic			
			Sat 7 Plus	TV	DVB-S	3/4	27.500		Arabic			
			Holy God	TV	DVB-S	3/4	27.500		Tamil			
			KNN Channel	TV	DVB-S	3/4	27.500					
			Equidia Pro 1	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 4.0	French			
			Payam TV	TV	DVB-S	3/4	27.500		Arabic			
			Telepace	TV	DVB-S	3/4	27.500		Italian			
			RFI Français	radio	DVB-S	3/4	27.500		French			
			Program Two	radio	DVB-S	3/4	27.500		Arabic			
			European Broadcast	radio	DVB-S	3/4	27.500					
			Emarat FM	radio	DVB-S	3/4	27.500		Arabic			
			Payam Quran Radio	radio	DVB-S	3/4	27.500		Arabic			
			Radio Vaticana Telepace	radio	DVB-S	3/4	27.500					
			Radio Nawa Arabic	radio	DVB-S	3/4	27.500		Arabic			
			D 12.399	H	Europe	<u>SRG SSR</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0	
						SF Info	TV	DVB-S	3/4	Y 27.500		German
						SF 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German
HD Suisse	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 4.0	German,French,Italian,English			
SF Zwei	TV	DVB-S				3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German			
Radio Swiss Pop	radio	DVB-S				3/4	27.500		German			
DRS 1	radio	DVB-S				3/4	27.500		German			
Radio Swiss Jazz	radio	DVB-S				3/4	27.500		German			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
A 12.418	V	Europe	Radio Swiss Classic	radio	DVB-S	3/4	27.500			German	
			Radio Rumantsch	radio	DVB-S	3/4	27.500			Romany	
			DRS Musikwelle	radio	DVB-S	3/4	27.500			German	
			DRS Virus	radio	DVB-S	3/4	27.500			German	
			DRS 3	radio	DVB-S	3/4	27.500			German	
			DRS 2	radio	DVB-S	3/4	27.500			German	
			DRS 4 News	radio	DVB-S	3/4	27.500			German	
			Sky Italia	package	DVB-S2	2/3	29.900	Videoguard			
			Sky Primafila 13	TV	DVB-S2	2/3	29.900	Videoguard			Italian
			Sky Cinema Max +1	TV	DVB-S2	2/3	29.900	Videoguard			Italian
			Sky Calcio 2	TV	DVB-S2	2/3	29.900	Videoguard			Italian,English
			Sky Calcio 7	TV	DVB-S2	2/3	29.900	Videoguard			Italian
			Sky Primafila 3	TV	DVB-S2	2/3	29.900	Videoguard			Italian
			Sky Focus	TV	DVB-S2	2/3	29.900	Videoguard			Italian
Sky Calcio 1	TV	DVB-S2	2/3	29.900	Videoguard			Italian,English			
D 12.437	H	Europe	IRIB	package	DVB-S	3/4	27.500				
			Press TV	TV	DVB-S	3/4	27.500			English	
			Alkawthar TV	TV	DVB-S	3/4	27.500			Arabic	
			Quran TV	TV	DVB-S	3/4	27.500			Farsi	
			Sahar 2	TV	DVB-S	3/4	27.500				
			Alalam News Channel	TV	DVB-S	3/4	27.500			Arabic	
			IRINN	TV	DVB-S	3/4	27.500			Farsi	
			Jame-Jam TV Network 2	TV	DVB-S	3/4	27.500			Farsi,English	
			Jame-Jam TV Network 1	TV	DVB-S	3/4	27.500			Farsi,English	
			COI Radio	radio	DVB-S	3/4	27.500			English	
			IRIB World Service Radio 2	radio	DVB-S	3/4	27.500				
			IRIB World Service Radio 4	radio	DVB-S	3/4	27.500				
			Radio Iran	radio	DVB-S	3/4	27.500			Farsi	
			IRIB World Service Radio 3	radio	DVB-S	3/4	27.500				
			IRIB World Service Radio 6	radio	DVB-S	3/4	27.500				
			Sedaye Ashena 1	radio	DVB-S	3/4	27.500			Farsi	
			Radio Quran	radio	DVB-S	3/4	27.500			Farsi	
IRIB World Service Radio 1	radio	DVB-S	3/4	27.500							
IRIB World Service Radio 5	radio	DVB-S	3/4	27.500							
D 12.466	V	Europe	Sky Italia	package	DVB-S	3/4	29.900	Videoguard			
			Man-Ga	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			The MGM Channel Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Sky Inside	TV	DVB-S	3/4	29.900			Italian	
			Dove TV	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Yacht & Sail Channel	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			JimJam Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Lei TV	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Fox News Channel	TV	DVB-S	3/4	29.900	Videoguard		English	
			Sky News International	TV	DVB-S	3/4	29.900	Videoguard		English	
			Easy Baby	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Roma Channel	TV	DVB-S	3/4	29.900	Videoguard		Italian	
			Sky Primafila 2	TV	DVB-S	3/4	29.900	Videoguard		Italian,Italian	
			D 12.476	H	Europe	Orange Polska	package	DVB-S2	3/4	27.500	Conax/Viaccess 3.0
AXN Crime Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish	
KidsCo East Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish	
Extreme Sports Channel	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish	
Discovery World Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish	
Discovery Science Channel Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish	
Orange sport Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish	
TV 1000 Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish	
Boomerang Central & Eastern Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish	
AXN Sci-Fi Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish	
Fox Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish,English	
ESPN America Europe	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		English	
Animal Planet Europe	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish,English	
MTV Dance	TV	DVB-S2				3/4	27.500	Viaccess 3.0		English	
AXN Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish	
MTV Rocks	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		English	
Nat Geo Wild Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		English	
D 12.520	V	Europe	QIV	package	DVB-S	3/4	27.500				
			RBK TV	TV	DVB-S	3/4	27.500			Russian	
			TV Slovenija 3	TV	DVB-S	3/4	27.500	Y		Slovenian	
			TV Koper Capodistria	TV	DVB-S	3/4	27.500			Italian	
			TV Slovenija 1	TV	DVB-S	3/4	27.500	Y		Slovenian	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 12.539	H	Europe	HRT Plus	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			HRT 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			TV Slovenija 2	TV	DVB-S	3/4	Y 27.500		Slovenian
			HRT 1	TV	DVB-S	3/4	Y 27.500		Croatian
			HRT Satelitski Program	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			Radio Mir Medjugorje	radio	DVB-S	3/4	27.500		Croatian
			HR Radio Pula	radio	DVB-S	3/4	27.500		Croatian
			Otvoreni Radio	radio	DVB-S	3/4	27.500		Croatian
			Narodni Radio	radio	DVB-S	3/4	27.500		Croatian
			Radio Marija Hrvatska	radio	DVB-S	3/4	27.500		Croatian
			Totalni FM	radio	DVB-S	3/4	27.500		Croatian
			Antena Zagreb	radio	DVB-S	3/4	27.500		Croatian
			Mediaservis	radio	DVB-S	3/4	27.500		Croatian
			Glas Hrvatske	radio	DVB-S	3/4	27.500		Croatian
			HR Drugi program	radio	DVB-S	3/4	27.500		Croatian
			HR Treci program	radio	DVB-S	3/4	27.500		Croatian
			Radio Capodistria	radio	DVB-S	3/4	27.500		Italian
			Ra Slo 1	radio	DVB-S	3/4	27.500		Slovenian
			Val 202	radio	DVB-S	3/4	27.500		Slovenian
			HR Prvi program	radio	DVB-S	3/4	27.500		Croatian
			Radio Ars	radio	DVB-S	3/4	27.500		Slovenian
			Radio Slovenia International	radio	DVB-S	3/4	27.500		
			<u>Eutelsat Skyplex</u>	package	DVB-S	3/4	27.500		
			Thalitha TV	TV	DVB-S	3/4	27.500		Arabic
			Teleitalia TV promo	TV	DVB-S	3/4	27.500		Italian
			One TV	TV	DVB-S	3/4	27.500		Italian
			Eos	TV	DVB-S	3/4	27.500		Italian
			TV 8 Mont Blanc	TV	DVB-S	3/4	27.500		French
			BergamoSat	TV	DVB-S	3/4	27.500		Italian
			90 numeri sat	TV	DVB-S	3/4	27.500		Italian
			Dorcel TV	TV	DVB-S	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 3.0/Viaccess 4.0	French,German,English
			Administra.it	TV	DVB-S	3/4	27.500		Italian
Al Masriyah	TV	DVB-S	3/4	27.500		Arabic			
Nile International	TV	DVB-S	3/4	27.500					
Al Nile	TV	DVB-S	3/4	27.500		Arabic			
Lunasat	TV	DVB-S	3/4	27.500		Italian			
MC TV	TV	DVB-S	3/4	27.500		Italian			
Carpe Diem	TV	DVB-S	3/4	27.500		Italian			
Antenna 3 Nordest	TV	DVB-S	3/4	27.500	Videoguard	Italian			
Lombardia Sat	TV	DVB-S	3/4	27.500		Italian			
Canal Algérie	TV	DVB-S	3/4	27.500		Arabic			
Chaîne 1	radio	DVB-S	3/4	27.500		Arabic			
Chaîne 2	radio	DVB-S	3/4	27.500		Arabic			
Radio Cairo Al Mowaghat 8	radio	DVB-S	3/4	27.500					
Radio Algérie Internationale	radio	DVB-S	3/4	27.500					
D 12.558	V	Europe	<u>Telespazio</u>	package	DVB-S	3/4	27.500		
			Baraem	TV	DVB-S	3/4	27.500	Arabic	
			Thaqalayn TV	TV	DVB-S	3/4	27.500	Arabic	
			Hadi TV 1	TV	DVB-S	3/4	27.500		
			Orient News	TV	DVB-S	3/4	27.500	Arabic	
			Hadi TV 3	TV	DVB-S	3/4	27.500		
			Hadi TV 4	TV	DVB-S	3/4	27.500		
			Supreme Master TV	TV	DVB-S	3/4	27.500	English	
			The Truth TV	TV	DVB-S	3/4	27.500	Arabic	
			Al Jazeera Children's Channel	TV	DVB-S	3/4	27.500	Arabic	
			Moto TV	TV	DVB-S	3/4	27.500	Italian	
D 12.577	H	Europe	<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0	
			Boomerang France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			TéléToon +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			MCM France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinegeants	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Boing Italia	TV	DVB-S2	2/3	27.500	Viaccess 3.0	Italian
			Orange cinechoc	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinehappy	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Piwi +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Disney Channel France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			KidsCo	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.597	V	Europe	Orange cinenovo	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			EuroNews	TV	DVB-S	3/4	Y 27.500			French,English,German,Italian,Spanish,Portuguese,Russian,Arabic,Turkish,Farsi,Polish,Ukrainian		
						BBC World News	TV	DVB-S	3/4	Y 27.500	English	
						Perviy kanal Europa	TV	DVB-S	3/4	27.500	Russian	
						CNN International Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
						JSTV 1	TV	DVB-S	3/4	27.500	Cryptoworks	Japanese,English
						SMNI	TV	DVB-S	3/4	27.500		English
						Armenia 1 TV Satellite	TV	DVB-S	3/4	27.500		Armenian
						JSTV 2	TV	DVB-S	3/4	27.500	Cryptoworks	Japanese
						WRN Français	radio	DVB-S	3/4	27.500		French
						National Prison Radio Network	radio	DVB-S	3/4	27.500		English
						Radio Almahabba	radio	DVB-S	3/4	27.500		Arabic
						RTÉ Radio 1	radio	DVB-S	3/4	27.500		English
						RCI 1	radio	DVB-S	3/4	27.500		English
						RCI 2	radio	DVB-S	3/4	27.500		French
						CVC The Voice Asia	radio	DVB-S	3/4	27.500		Hindi
						RCI 3	radio	DVB-S	3/4	27.500		
						IBC Tamil	radio	DVB-S	3/4	27.500		Tamil
						WRN Deutsch	radio	DVB-S	3/4	27.500		German
						WRN English Europe	radio	DVB-S	3/4	27.500		English
						WRN Russkij	radio	DVB-S	3/4	27.500		Russian
						WRN Moscow AM	radio	DVB-S	3/4	27.500		
						Radio Suomi	radio	DVB-S	3/4	27.500		
						Sawt Al Alam	radio	DVB-S	3/4	27.500		Arabic
						Family Radio Europe	radio	DVB-S	3/4	27.500		English
						WRN Multilingual Asia Pacific	radio	DVB-S	3/4	27.500		
						Radio Finland	radio	DVB-S	3/4	27.500		
						Adventist World Radio	radio	DVB-S	3/4	27.500		
						IBC Asia	radio	DVB-S	3/4	27.500		
						Family Radio International 1	radio	DVB-S	3/4	27.500		
						Thamizhamutham Radio	radio	DVB-S	3/4	27.500		
						Radio Japan	radio	DVB-S	3/4	27.500		
			CNN Radio	radio	DVB-S	3/4	27.500		English			
			Public Radio of Armenia	radio	DVB-S	3/4	27.500		Armenian			
			Family Radio International 2	radio	DVB-S	3/4	27.500					
D 12.616	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard				
			La 7	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Sportitalia 1	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Baby TV Europe	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Milan Channel	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Video Italia	TV	DVB-S	3/4	Y 29.900	Videoguard	Italian			
			Comedy Central Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Sky Calcio Info	TV	DVB-S	3/4	29.900		Italian			
			Sportitalia 2	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			MTV Rocks	TV	DVB-S	3/4	29.900	Videoguard				
			MyDeejay TV	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			Nickelodeon Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			MTV Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian			
			D 12.635	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard	
						E! Italia	TV	DVB-S	3/4	29.900	Videoguard	Italian
Inter Channel	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Disney XD Italia +1	TV	DVB-S				3/4	29.900	Videoguard	Italian			
DeA Kids	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Classica Italia	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Disney in English	TV	DVB-S				3/4	29.900	Videoguard	English			
DeA Super	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Juventus Channel	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Toon Disney Italia +1	TV	DVB-S				3/4	29.900	Videoguard	Italian			
Disney Channel Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian						
La 3	TV	DVB-S	3/4	29.900	Videoguard	Italian						
ESPN America Europe	TV	DVB-S	3/4	29.900	Videoguard	Italian						
D 12.654	H	Europe	<u>Arabsat</u>	package	DVB-S	3/4	27.500					
			Al Quraan Al Kareem TV	TV	DVB-S	3/4	27.500		Arabic			
			Almustakillah TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Ordoni TV	TV	DVB-S	3/4	27.500		Arabic			
			Addounia TV	TV	DVB-S	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Al-Iraqiya TV	TV	DVB-S	3/4	27.500		Arabic
			Al Masriyah	TV	DVB-S	3/4	27.500		Arabic
			Oman TV Satellite	TV	DVB-S	3/4	27.500		Arabic
			Sudan TV	TV	DVB-S	3/4	27.500		Arabic
			Kuwait Space Channel	TV	DVB-S	3/4	27.500		Arabic
			Saudi Arabian TV 1	TV	DVB-S	3/4	27.500		Arabic
			Sharjah TV	TV	DVB-S	3/4	27.500		Arabic
			Qatar TV	TV	DVB-S	3/4	27.500		Arabic
			Radio Oman	radio	DVB-S	3/4	27.500		Arabic
			Kuwait Radio FM 93.9	radio	DVB-S	3/4	27.500		Arabic
			Program One	radio	DVB-S	3/4	27.500		Arabic
			El-Quran El-Karim	radio	DVB-S	3/4	27.500		Arabic
			Umdurman Radio	radio	DVB-S	3/4	27.500		Arabic
			Radio Umdurman Holy Quran	radio	DVB-S	3/4	27.500		Arabic
			Radio Oman FM	radio	DVB-S	3/4	27.500		English
			El-Bernameg Al-Aam	radio	DVB-S	3/4	27.500		Arabic
			Republic of Iraq Radio	radio	DVB-S	3/4	27.500		Arabic
			Al-Shabab	radio	DVB-S	3/4	27.500		Arabic
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB-S	3/4	27.500		Arabic
			Holy Quran Radio	radio	DVB-S	3/4	27.500		Arabic
			Radio Jordan General Channel	radio	DVB-S	3/4	27.500		Arabic
			Radio Quran	radio	DVB-S	3/4	27.500		Arabic
			Sharjah FM	radio	DVB-S	3/4	27.500		Arabic
			Sout Al-Arab	radio	DVB-S	3/4	27.500		Arabic
			Qatar Radio General	radio	DVB-S	3/4	27.500		Arabic
D 12.673	V	Europe	Skv Italia	package	DVB-S	3/4	29.900	Videoguard	
			Arturo	TV	DVB-S	3/4	29.900	Videoguard	Italian
			JimJam Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Fox Business Network	TV	DVB-S	3/4	29.900	Videoguard	English
			Fox Italia +2	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Fox Life Italia +2	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Zone Fantasy	TV	DVB-S	3/4	29.900	Videoguard	Italian
			Fox Crime Italia +2	TV	DVB-S	3/4	29.900	Videoguard	Italian
			National Geographic Channel Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian
			The History Channel Italia +1	TV	DVB-S	3/4	29.900	Videoguard	Italian
			You & Me	TV	DVB-S	3/4	29.900	Videoguard	Italian
D 12.692	H	Europe	Bis	package	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	
			Direct Star	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Encyclo	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French,Turkish
			AB 4	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Lucky Jack	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Orange sport info	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			BFM TV	TV	DVB-S2	3/4	Y 27.500		French
			Gulli	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Mangas	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Chasse & Pêche	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French,Turkish
			France Ô	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			XXL	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			AB 1	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Ciné Polar	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			RTL 9	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			Action	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French
			AB Moteurs	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French,Turkish
			Animaux	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French,Turkish
			Ciné FX	TV	DVB-S2	3/4	Y 27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0	French