

## LyngSat

Astra 1KR/1L/1M/1N at 19.2°E

Astra 1KR/1L/1M/1N | Astra 1KR | Astra 1L | Astra 1M | Astra 1N

Azimuth & elevation in Helsinki, Finland: 186.45° & 21.54°

The EIRP values are for Helsinki, Finland

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Frequency	System	Logo	Provider Name	ONID-TID	VPID	C/N lock	
Beam	SR	SID	Channel Name	Compression		Audio	
EIRP (dBW)	FEC			Format			
<a href="#">10744 H</a>	DVB-S		<b>ARD Digital</b>		1-1051	6.5	
tp 51	22000	28721	<a href="#">Tagesschau 24</a>	MPEG-2/SD	101	102 Ger	
<a href="#">Europe</a>	5_6	28722	<a href="#">One</a>	MPEG-2/SD	201	202 Ger	
51						203 Qaa	
						206 Ger	
			28724	<a href="#">ARTE Deutsch</a>	MPEG-2/SD	401	402 Ger
							408 Fre
			28725	<a href="#">Phoenix</a>	MPEG-2/SD	501	502 Ger
						503 Qaa	
<a href="#">10773 H</a>	DVB-S2		<b>SES</b>		1-1053	7.9	
tp 53	8PSK	21100	<a href="#">Anixe HD Serie</a>	MPEG-4/HD	255	259 Ger	
<a href="#">Europe</a>	22000	21103	<a href="#">QVC Deutschland</a>	MPEG-4/HD	1023	1027 Ger	
49-51	3_4	21104	<a href="#">HSE</a>	MPEG-4/HD	1279	1283 Ger	
		21112	<a href="#">Nicer Dicer TV</a>	MPEG-4/SD	3071	3072 Ger	
		21113	<a href="#">Genius Plus TV</a>	MPEG-4/SD	3327	3328 Ger	
<a href="#">10803 H</a>	DVB-S2		<b>SES</b>		1-1055	7.9	
tp 55	8PSK	5501	<a href="#">HSE Extra</a>	MPEG-4/HD	511	515 Ger	
<a href="#">Europe</a>	22000	5502	<a href="#">1-2-3 TV (05-02)</a>	MPEG-4/HD	767	771 Ger	
49-51	3_4	5502	<a href="#">Babestation 24 (02-05)</a>	MPEG-4/HD	767	771 Ger	
		5504	<a href="#">QVC Zwei</a>	MPEG-4/HD	1279	1283 Ger	
<a href="#">10847 V</a>	DVB-S		<b>Movistar+</b>				
tp 58	22000	30102	[Movistar+ test card]	MPEG-2/SD	163	256 Spa	
<a href="#">Europe</a>	5_6	30150	<a href="#">Canal Portada</a>	MPEG-2/SD	171	.24 Spa	
<a href="#">10891 H</a>	DVB-S2		<b>ARD Digital</b>		1-1061	6.6	
tp 61	8PSK	10350	<a href="#">RBB Brandenburg (19.30-20.00)</a>	MPEG-4/HD	5301	5302 Ger	
<a href="#">Europe</a>	22000					5303 Qaa	
51	2_3					5306 Ger	
		10351	<a href="#">RBB Berlin</a>	MPEG-4/HD	5311	5312 Ger	
						5313 Qaa	
						5316 Ger	
		10352	<a href="#">MDR Fernsehen Sachsen (19.00-19.30 &amp; Wed 21.15-21.45)</a>	MPEG-4/HD	5321	5322 Ger	
						5323 Qaa	
						5326 Ger	
		10353	<a href="#">MDR Fernsehen Sachsen-Anhalt</a>	MPEG-4/HD	5331	5332 Ger	
						5333 Qaa	
						5336 Ger	
		10354	<a href="#">MDR Fernsehen Thüringen (19.00-19.30 &amp; Wed 21.15-21.45)</a>	MPEG-4/HD	5341	5342 Ger	
						5343 Qaa	
						5346 Ger	
		10355	<a href="#">HR Fernsehen</a>	MPEG-4/HD	5351	5.52 Ger	
						5353 Qaa	
						5356 Ger	

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Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
<a href="#">10921 H</a>	DVB-S		<a href="#">SES</a>		133-15	7.2
tp 63	22000	33	<a href="#">Genius Family</a>	MPEG-4/SD	255	256 Ger
<a href="#">Europe</a>	7_8	35	<a href="#">Schlager Deluxe</a>	MPEG-2/SD	511	512 Ger
49-51		37	<a href="#">Sky Sport News</a>	MPEG-2/SD	767	768 Ger
		38	<a href="#">HGTV Deutschland</a>	MPEG-2/SD	1023	1024 Ger
<a href="#">10964 H</a>	DVB-S2		<a href="#">Beta Digital</a>			
tp 33	8PSK	10101	<a href="#">SES promo</a>	MPEG-4/HD	511	515 Eng
<a href="#">Europe Ku</a>	22000	10102	<a href="#">Handystar</a>	MPEG-4/HD	767	771 Ger
49-51	2_3	10104	<a href="#">Channel 21 (Germany)</a>	MPEG-4/HD	1279	1283 Ger
		10105	<a href="#">QVC Style Deutschland</a>	MPEG-4/HD	1535	1539 Ger
<a href="#">10994 H</a>	DVB-S2		<a href="#">SES</a>			
tp 35	8PSK	1	<a href="#">SES Ultra HD Demo Channel</a>	HEVC/UHD	511	512 Eng
						513 Eng
<a href="#">11053 H</a>	DVB-S2		<a href="#">ARD Digital</a>		1-1039	6.6
tp 39	8PSK	10375	<a href="#">Tagesschau 24</a>	MPEG-4/HD	5401	5402 Ger
<a href="#">Europe Ku</a>	22000					5406 Ger
49-51	2_3	10376	<a href="#">One</a>	MPEG-4/HD	5411	5412 Ger
						5416 Ger
		10377	<a href="#">ARD Alpha</a>	MPEG-4/HD	5421	5422 Ger
						5426 Ger
		10378	<a href="#">SR Fernsehen</a>	MPEG-4/HD	5431	5432 Ger
						5436 Ger
		10379	<a href="#">Radio Bremen Fernsehen</a>	MPEG-4/HD	5441	5442 Ger
<a href="#">11068 V</a>	DVB-S		<a href="#">SES</a>		1-1040	6.5
tp 40	22000	31304	<a href="#">Telesur (Venezuela)</a>	MPEG-2/SD	2101	2102 Spa
<a href="#">Europe Ku</a>	5_6	31305	<a href="#">Telesur (Venezuela)</a>	MPEG-4/HD	1000	1001 Spa
49-51		31306	<a href="#">Sender Neu Jerusalem</a>	MPEG-4/SD	1501	1502 Ger
		31307	<a href="#">I24 News Français</a>	MPEG-4/SD	1081	1082 Fre
<a href="#">11156 V</a>	DVB-S		<a href="#">Movistar+</a>			
tp 46	22000	30505	<a href="#">Canal Sur Andalucía</a>	MPEG-2/SD	166	104 Spa
<a href="#">Europe</a>	5_6					
49-51						
<a href="#">11214 H</a>	DVB-S2		<a href="#">ORS</a>			
tp 1	8PSK	13401	<a href="#">SES Ultra HD Demo Channel</a>	HEVC/UHD	4010	
<a href="#">Europe</a>	22000					
49-51	2_3					
		5001	<a href="#">BBC World News Europe</a>	MPEG-4/HD	2091	2092 Eng
<a href="#">11229 V</a>	DVB-S2		<a href="#">SES</a>			
tp 2	8PSK	5021	<a href="#">NHK World Japan</a>	MPEG-4/HD	1760	1720 Eng
<a href="#">Europe</a>	22000	5031	<a href="#">Aljazeera English</a>	MPEG-4/HD	3101	3102 Eng
49-51	2_3					3103 Eng
<a href="#">11244 H</a>	DVB-S		<a href="#">ORF Digital</a>		1-1003	6.5
tp 3	22000	13222	<a href="#">Shop 24 Direct</a>	MPEG-2/SD	2220	2221 Ger
<a href="#">Europe</a>	5_6	13224	<a href="#">Bibel TV</a>	MPEG-4/HD	2240	2241 Ger
49-51		13225	<a href="#">Schau TV</a>	MPEG-4/HD	2250	2251 Ger
		13227	<a href="#">Hope TV Deutsch</a>	MPEG-4/HD	2270	2271 Ger
		13229	<a href="#">RTL Plus Österreich</a>	MPEG-4/SD	2290	2291 Ger
<a href="#">11273 H</a>	DVB-S2	13310	[Flimmit info card]	MPEG-4/SD	3100	Ger
tp 5	8PSK	13311	<a href="#">Aristo TV</a>	MPEG-4/SD	3110	3111 Ger

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Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
<a href="#">Europe</a>	22000	13312	<a href="#">R9</a>	MPEG-4/HD	3120	3121 Ger
<a href="#">49-51</a>	2_3	13313	<a href="#">Krone TV</a>	MPEG-4/SD	3130	3131 Ger
		13315	<a href="#">Shop 24 Direct</a>	MPEG-4/SD	3150	3151 Ger
		13316	<a href="#">GoTV</a>	MPEG-4/SD	3160	3161 Ger
		13317	<a href="#">Melodie Express (22-19)</a>	MPEG-4/SD	3170	3171 Ger
		13317	<a href="#">Melodie TV (19-22)</a>	MPEG-4/SD	3170	3171 Ger
<a href="#">11288 V</a>	DVB-S2		<a href="#">SES</a>		1-1006	6.6
<a href="#">tp 6</a>	8PSK	4230	<a href="#">QVC Deutschland</a>	HEVC/UHD	255	256 Ger
<a href="#">Europe Ku</a>	22000	4240	<a href="#">TV TRWAM</a>	MPEG-4/SD	33	36 Pol
<a href="#">49-51</a>	2_3	4241	<a href="#">Radio Maryja</a>			37 Pol
<a href="#">11303 H</a>	DVB-S2		<a href="#">ORF Digital</a>			
<a href="#">tp 7</a>	22000	4914	<a href="#">Servus TV Deutschland</a>	MPEG-4/HD	4920	4921 Ger
<a href="#">Europe Ku</a>	2_3					4922 Eng
<a href="#">49-51</a>						4924 Ger
		4920	<a href="#">Hitradio Ö3</a>			921 Ger
<a href="#">11318 V</a>			<a href="#">Movistar+</a>			
<a href="#">tp 8</a>	DVB-S	29811	<a href="#">Aragón TV Internacional</a>	MPEG-2/SD	172	128 Spa
<a href="#">Europe</a>	22000					
<a href="#">49-51</a>	5_6					
<a href="#">11347 V</a>	DVB-S2		<a href="#">ZDF Vision</a>		1-1010	6.6
<a href="#">tp 10</a>	8PSK	11150	<a href="#">3sat</a>	MPEG-4/HD	6510	6520 Ger
<a href="#">Europe</a>	22000					6521 Qaa
<a href="#">49-51</a>	2_3					6522 Ger
		11160	<a href="#">KIKI (06-21)</a>	MPEG-4/HD	6610	6620 Ger
						6622 Ger
		11170	<a href="#">ZDF Info</a>	MPEG-4/HD	6710	6720 Ger
						6721 Qaa
						6722 Ger
<a href="#">11362 H</a>	DVB-S2		<a href="#">ZDF Vision</a>		1-1011	6.6
<a href="#">tp 11</a>	8PSK	11110	<a href="#">ZDF</a>	MPEG-4/HD	6110	6120 Ger
<a href="#">Europe</a>	22000					6122 Ger
<a href="#">49-51</a>	2_3					6123 Qaa
		11130	<a href="#">ZDF Neo</a>	MPEG-4/HD	6310	6320 Ger
						6321 Qaa
						6322 Ger
<a href="#">11377 V</a>	DVB-S2		<a href="#">Globecast</a>		1-1012	6.6
<a href="#">tp 12</a>	8PSK	6381	<a href="#">RT News</a>	MPEG-4/HD	1011	1012 Eng
<a href="#">Europe Ku</a>	22000					1013 Eng
<a href="#">49-51</a>	2_3	6382	<a href="#">RT Español</a>	MPEG-4/HD	1021	1022 Spa
						1023 Spa
		6383	<a href="#">RT France</a>	MPEG-4/HD	1031	1032 Fre
						1033 Fre
		6384	<a href="#">Canal Extremadura Satélite</a>	MPEG-4/SD	1041	1042 Spa
		6385	<a href="#">Galicia TV Europa</a>	MPEG-4/HD	1701	1702 Glg
		6389	<a href="#">Rai News 24</a>	MPEG-2/SD	1091	1092 Ita
		6386	<a href="#">Radio Galega</a>			1802 Glg
		6387	<a href="#">Radio Galega Música</a>			1902 Glg
<a href="#">11421 H</a>	DVB-S	4713	<a href="#">SES</a>			
<a href="#">tp 15</a>	22000		<a href="#">Die Neue Zeit TV</a>	MPEG-4/SD	3583	3584 Ger

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Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
<a href="#">Europe</a>	5_6					
<b>49-51</b>						
<a href="#">11494 H</a>	DVB-S2		<a href="#">ARD Digital</a>		1-1019	6.6
<b>tp 19</b>	8PSK	10301	<a href="#">Das Erste</a>	MPEG-4/HD	5101	5102 Ger
<a href="#">Pan Europe</a>	22000					5103 Qaa
<b>51</b>	2_3					5106 Ger
		10302	<a href="#">ARTE Deutsch</a>	MPEG-4/HD	5111	5112 Ger
						5113 Fre
						5116 Ger
		10303	<a href="#">SWR Fernsehen Baden-Württemberg</a>	MPEG-4/HD	5121	5122 Ger
						5123 Qaa
						5126 Ger
		10304	<a href="#">SWR Fernsehen Rheinland-Pfalz (Mon-Sun 18-20 &amp; Thu 20.15-21.00 &amp; Mon-Fri 21.45-22.00 &amp; Sun 21.45-22.45)</a>	MPEG-4/HD	5131	5132 Ger
						5133 Qaa
						5136 Ger
<a href="#">11509 V</a>	DVB-S		<a href="#">Globecast</a>		1-1020	6.5
<b>tp 20</b>	22000	7008	<a href="#">Cubavisión Internacional</a>	MPEG-2/SD	708	728 Spa
<a href="#">Europe Ku</a>	5_6	7009	<a href="#">Aljazeera Channel</a>	MPEG-2/SD	709	729 Ara
<b>49-51</b>		7012	<a href="#">Arirang World</a>	MPEG-4/HD	712	732 Eng
<a href="#">11523 H</a>	DVB-S2		<a href="#">ARD Digital</a>		1-1021	6.6
<b>tp 21</b>	8PSK	28332	<a href="#">WDR Fernsehen Köln</a>	MPEG-4/HD	101	102 Ger
<a href="#">Europe Ku</a>	22000					106 Ger
<b>49-51</b>	2_3	28333	<a href="#">WDR Studio Aachen (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	111	112 Ger
		28334	<a href="#">WDR Studio Bielefeld (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	121	122 Ger
		28335	<a href="#">WDR Studio Bonn (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	131	132 Ger
		28336	<a href="#">WDR Studio Dortmund (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	141	142 Ger
		28337	<a href="#">WDR Studio Duisburg (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	151	152 Ger
		28338	<a href="#">WDR Studio Düsseldorf (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	161	1.2 Ger
		28339	<a href="#">WDR Studio Essen (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	171	172 Ger
		28340	<a href="#">WDR Studio Münster (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	181	182 Ger
		28341	<a href="#">WDR Studio Siegen (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	191	192 Ger
		28342	<a href="#">WDR Studio Wuppertal (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	201	202 Ger
		28370	<a href="#">[ARD info card]</a>	HEVC/HD	331	332 Ger
<a href="#">11538 V</a>	DVB-S		<a href="#">Globecast</a>		1-1022	6.5
<b>tp 22</b>	22000	6905	<a href="#">France 24 Français</a>	MPEG-2/SD	605	625 Fre
<a href="#">Europe Ku</a>	5_6	6906	<a href="#">France 24 English</a>	MPEG-2/SD	606	626 Eng
<b>49-51</b>		6912	<a href="#">CGTN Documentary</a>	MPEG-2/SD	612	632 Eng
		6913	<a href="#">CGTN Français</a>	MPEG-2/SD	613	633 Fre
		6914	<a href="#">CGTN</a>	MPEG-2/SD	614	634 Eng
		6915	<a href="#">TV5Monde Europe</a>	MPEG-4/HD	615	635 Fre
		6918	<a href="#">TRT World</a>	MPEG-4/HD	618	638 Eng
<a href="#">11553 H</a>	DVB-S2		<a href="#">SES</a>		1-1023	6.6
<b>tp 23</b>	8PSK	5800	<a href="#">Augsburg TV</a>	MPEG-4/HD	1010	1012 Ger
<a href="#">Europe Ku</a>	22000	5801	<a href="#">München TV</a>	MPEG-4/HD	1020	1022 Ger
<b>49-51</b>	2_3	5802	<a href="#">[RFO info card]</a>	MPEG-4/HD	1030	1032 Ger
		5804	<a href="#">TV Ingolstadt</a>	MPEG-4/HD	1050	1052 Ger
		5805	<a href="#">[Lokal-TV-Portal info card]</a>	MPEG-4/HD	1001	Ger
		5807	<a href="#">Niederbayern TV Landshut</a>	MPEG-4/HD	1080	1082 Ger
		5807	<a href="#">Niederbayern TV Passau</a>	MPEG-4/HD	1080	1082 Ger

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Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
		5807	<a href="#">Niederbayern TV Deggendorf</a>	MPEG-4/HD	1080	1082 Ger
		5808	<a href="#">TVA Ostbayern</a>	MPEG-4/HD	1090	1092 Ger
		5809	<a href="#">Franken Plus</a>	MPEG-4/HD	1100	1102 Ger
<a href="#">11582 H</a>	DVB-S2		<a href="#">ARD Digital</a>		1-1025	6.6
tp 25	8PSK	10325	<a href="#">Bayerisches Fernsehen Süd</a>	MPEG-4/HD	5201	5202 Ger
<a href="#">Pan Europe</a>	22000					5203 Qaa
51	2_3					5206 Ger
		10326	<a href="#">Bayerisches Fernsehen Nord (Mon-Fri 17.35-18.00 &amp; Sat 18.05-18.45 &amp; Sun 23.00-23.15)</a>	MPEG-4/HD	5211	5212 Ger
						5213 Qaa
						5216 Ger
		10327	<a href="#">NDR Fernsehen Niedersachsen</a>	MPEG-4/HD	5221	5222 Ger
						5223 Qaa
						5226 Ger
		10328	<a href="#">NDR Fernsehen Mecklenburg-Vorpommern (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-4/HD	5231	5232 Ger
						5233 Qaa
						5236 Ger
		10329	<a href="#">NDR Fernsehen Hamburg (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-4/HD	5241	5242 Ger
						5.43 Qaa
						5246 Ger
		10330	<a href="#">NDR Fernsehen Schleswig-Holstein (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-4/HD	5251	5252 Ger
						5253 Qaa
<a href="#">11582 H</a>						5256 Ger
		10331	<a href="#">Phoenix</a>	MPEG-4/HD	5261	5262 Ger
						5263 Qaa
<a href="#">11597 V</a>	DVB-S		<a href="#">SES</a>		1-1026	6.5
tp 26	22000	10067	<a href="#">Bloomberg TV Europe</a>	MPEG-2/SD	1360	1320 Eng
<a href="#">Europe Ku</a>	5_6	10080	<a href="#">SBN International</a>	MPEG-2/SD	1051	1052 Eng
49-51						1053 Spa
		10082	<a href="#">Thalitha A3</a>	MPEG-2/SD	514	670 Ara
		10083	<a href="#">Canal Algérie 2</a>	MPEG-2/SD	515	680 Ara
<a href="#">11612 H</a>	DVB-S		<a href="#">SES</a>		1-1027	6.5
tp 27	22000	5126	<a href="#">KaufBei TV</a>	MPEG-4/SD	6601	6611 Ger
<a href="#">Pan Europe</a>	5_6	5601	<a href="#">TV Rus</a>	MPEG-4/SD	255	256 Rus
<a href="#">11627 V</a>	DVB-S		<a href="#">SES</a>		1-1028	6.5
tp 28	22000	4422	<a href="#">CNN International Europe</a>	MPEG-2/SD	165	100 Eng
<a href="#">Europe Wide</a>	5_6					
<a href="#">11671 H</a>	DVB-S2		<a href="#">HD Austria</a>			
tp 31	8PSK	5305	[4Mediathek info card]	MPEG-4/HD	1535	1541 Ger
<a href="#">Pan Europe</a>	22000	5309	<a href="#">Sixx Austria</a>	MPEG-2/SD	2559	2560 Ger
51	2_3	5310	<a href="#">Sat. 1 Gold Österreich</a>	MPEG-2/SD	2815	2816 Ger
		5311	<a href="#">ProSieben Maxx Austria</a>	MPEG-2/SD	3071	3072 Ger
		5312	<a href="#">Kabel Eins Doku Austria</a>	MPEG-2/SD	3327	3328 Ger
<a href="#">11778 V</a>	DVB-S2				1-1068	6.4
tp 68	QPSK	5700	<a href="#">DW English</a>	MPEG-4/HD	1110	1120 Eng
<a href="#">Europe Wide</a>	29500	5701	<a href="#">BVN Europa</a>	MPEG-4/SD	525	122 Dut
49-51	9_10					

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Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
<a href="#">11836 H</a>	DVB-S		<b>ARD Digital</b>		1-1101	5.5
tp 71	27500	28106	<a href="#">Das Erste</a>	MPEG-2/SD	101	102 Ger
<a href="#">Pan Europe</a>	3_4					106 Ger
51		28107	<a href="#">Bayerisches Fernsehen Süd</a>	MPEG-2/SD	201	202 Ger
						206 Ger
		28108	<a href="#">HR Fernsehen</a>	MPEG-2/SD	301	302 Ger
		28110	<a href="#">Bayerisches Fernsehen Nord (Mon-Fri 17.35-18.00 &amp; Sat 18.05-18.45 &amp; Sun 23.00-23.15)</a>	MPEG-2/SD	501	502 Ger
		28111	<a href="#">WDR Fernsehen Köln</a>	MPEG-2/SD	601	602 Ger
		28113	<a href="#">SWR Fernsehen Baden-Württemberg</a>	MPEG-2/SD	801	802 Ger
						806 Ger
<a href="#">11934 V</a>			<b>Canal + France</b>			
tp 76	DVB-S2	8902	<a href="#">TV5Monde France Belgique Suisse</a>	MPEG-4/HD	210	221 Fre
<a href="#">Europe Wide</a>	8PSK	8909	<a href="#">Canal + France clair Canal</a>	MPEG-4/HD	910	921 Fre
49-51	29700					922 Qaa
	2_3	8910	<a href="#">A la une</a>	MPEG-4/HD	1010	1021 Fre
<a href="#">11954 H</a>	DVB-S		<b>ZDF Vision</b>		1-1079	5.5
tp 77	27500	28006	<a href="#">ZDF</a>	MPEG-2/SD	110	120 Ger
<a href="#">Pan Europe</a>	3_4					125 Ger
51		28007	<a href="#">3sat</a>	MPEG-2/SD	210	220 Ger
						225 Ger
		28008	<a href="#">KIKA (06-21)</a>	MPEG-2/SD	310	320 Ger
						325 Ger
		28011	<a href="#">ZDF Info</a>	MPEG-2/SD	610	620 Ger
					625 Ger	
28014	<a href="#">ZDF Neo</a>	MPEG-2/SD	660	670 Ger		
						675 Ger
<a href="#">11973 V</a>			<b>ViacomCBS Networks International</b>			
tp 78	DVB-S	28671	<a href="#">MTV Germany</a>	MPEG-2/SD	4011	4012 Ger
<a href="#">Europe Wide</a>	27500					4013 Eng
49-51	3_4	28676	<a href="#">Comedy Central Deutschland</a>	MPEG-2/SD	4061	4062 Ger
		28678	<a href="#">MTV Germany</a>	MPEG-2/SD	4081	4082 Ger
						4083 Eng
		28680	<a href="#">Comedy Central Deutschland +1 (20.15-05.00)</a>	MPEG-2/SD	4101	4102 Ger
		28680	<a href="#">Nickelodeon Deutschland (05.00-20.15)</a>	MPEG-2/SD	4101	4102 Ger
<a href="#">12051 V</a>	DVB-S		<b>ProSiebenSat. 1 Media</b>			5.5
tp 82	27500	20001	<a href="#">ProSieben Schweiz</a>	MPEG-2/SD	289	290 Ger
<a href="#">Pan Europe</a>	3_4					292 Ger
51		20002	<a href="#">ProSieben Austria</a>	MPEG-2/SD	161	84 Ger
						85 Ger
		20003	<a href="#">Kabel Eins Schweiz</a>	MPEG-2/SD	162	163 Ger
		20004	<a href="#">Kabel Eins Austria</a>	MPEG-2/SD	166	167 Ger
		20005	<a href="#">Sat. 1 Österreich</a>	MPEG-2/SD	800	801 Ger
						803 Ger
		20006	<a href="#">Sat. 1 Schweiz</a>	MPEG-2/SD	1535	1536 Ger
						1539 Ger
		20008	<a href="#">Sat. 1 Hamburg und Schleswig-Holstein</a>	MPEG-2/SD	2047	2048 Ger
						2051 Ger
20009	<a href="#">Sat. 1 Niedersachsen und Bremen (Mon-Fri 17.30-17.55)</a>	MPEG-2/SD	2303	2304 Ger		
					2307 Ger	

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Frequency	System	Logo	Provider Name	ONID-TID	VPID	C/N lock	
Beam	SR	SID	Channel Name	Compression		Audio	
EIRP (dBW)	FEC			Format			
		20010	<a href="#">Sat. 1 Rheinland-Pfalz/Hessen (Mon-Fri 17.30-17.55)</a>	MPEG-2/SD	2559	2560 Ger	
						2563 Ger	
<a href="#">12110 H</a>	DVB-S		<a href="#">ARD Digital</a>		1-1073	5.5	
tp 85	27500	28205	<a href="#">RBB Brandenburg (19.30-20.00)</a>	MPEG-2/SD	501	502 Ger	
<a href="#">Europe</a>	3_4	28206	<a href="#">RBB Berlin</a>	MPEG-2/SD	601	602 Ger	
51		28224	<a href="#">NDR Fernsehen Mecklenburg-Vorpommern (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-2/SD	2401	2402 Ger	
		28225	<a href="#">NDR Fernsehen Hamburg (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-2/SD	2501	2502 Ger	
		28226	<a href="#">NDR Fernsehen Niedersachsen</a>	MPEG-2/SD	2601	2602 Ger	
		28227	<a href="#">NDR Fernsehen Schleswig-Holstein (18.00-18.15 &amp; 19.30-20.00)</a>	MPEG-2/SD	2701	2702 Ger	
		28228	<a href="#">MDR Fernsehen Sachsen (19.00-19.30 &amp; Wed 21.15-21.45)</a>	MPEG-2/SD	2801	2802 Ger	
		28229	<a href="#">MDR Fernsehen Sachsen-Anhalt</a>	MPEG-2/SD	2901	2902 Ger	
		28230	<a href="#">MDR Fernsehen Thüringen (19.00-19.30 &amp; Wed 21.15-21.45)</a>	MPEG-2/SD	3001	3002 Ger	
		28231	<a href="#">SWR Fernsehen Rheinland-Pfalz</a>	MPEG-2/SD	3101	3102 Ger	
						3106 Ger	
<a href="#">12148 H</a>	DVB-S		<a href="#">SES</a>		133-7	5.5	
tp 87	27500	53	[N24 Doku Austria info card]	MPEG-2/SD	255	256 Ger	
<a href="#">Pan Europe</a>	3_4	54	<a href="#">Genius Exklusiv</a>	MPEG-4/SD	3071	3072 Ger	
51		60	<a href="#">Comedy Central Austria</a>	MPEG-2/SD	1535	1536 Ger	
		61	<a href="#">Nickelodeon Austria</a>	MPEG-2/SD	1791	1792 Ger	
							1793 Eng
		65	<a href="#">Deluxe Music</a>	MPEG-2/SD	3327	3328 Ger	
		71	<a href="#">TLC Austria</a>	MPEG-2/SD	511	512 Ger	
		73	<a href="#">DMAX Austria</a>	MPEG-2/SD	3583	3584 Ger	
		514	<a href="#">MediaShop Immer etwas Neues TV</a>	MPEG-2/SD	2303	2304 Ger	
		765	<a href="#">Pearl TV</a>	MPEG-2/SD	2047	2048 Ger	
		769	<a href="#">Channel 21</a>	MPEG-2/SD	1023	1024 Ger	
		774	<a href="#">Folx</a>	MPEG-4/SD	768	767 Ger	
		775	<a href="#">MediaShop Meine Einkaufswelt</a>	MPEG-2/SD	1279	1280 Ger	
		160	<a href="#">Rock Antenne</a>			304 Ger	
169	<a href="#">Sunshine Live</a>			336 Ger			
170	<a href="#">Antenne Bayern</a>			352 Ger			
<a href="#">12188 H</a>	DVB-S		<a href="#">Mediengruppe RTL</a>		1-1089	5.5	
tp 89	27500	12003	<a href="#">RTL Deutschland</a>	MPEG-2/SD	163	104 Ger	
<a href="#">Europe Ku</a>	3_4					106 Ger	
49-51		12004	<a href="#">RTL West (Mon-Fri 18.00-18.30)</a>	MPEG-2/SD	190	191 Ger	
		12005	<a href="#">RTL Nord Niedersachsen &amp; Bremen (Mon-Fri 18.00-18.30)</a>	MPEG-2/SD	180	181 Ger	
		12006	<a href="#">TV Bayern (Sat 17.45-18.45)</a>	MPEG-2/SD	200	201 Ger	
		12009	<a href="#">RTL Nord Hamburg &amp; Schleswig-Holstein (Mon-Fri 18.00-18.30)</a>	MPEG-2/SD	170	171 Ger	
		12020	<a href="#">RTL Zwei Deutschland</a>	MPEG-2/SD	166	128 Ger	
		12030	<a href="#">Toggo Plus</a>	MPEG-2/SD	301	303 Ger	
		12040	<a href="#">Super RTL Deutschland</a>	MPEG-2/SD	165	120 Ger	
		12060	<a href="#">Vox Deutschland</a>	MPEG-2/SD	167	136 Ger	
		12061	<a href="#">Nitro Deutschland</a>	MPEG-2/SD	173	146 Ger	
12080	<a href="#">RTL Plus</a>	MPEG-2/SD	168	137 Ger			



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Frequency	System	Logo	Provider Name	ONID-TID	VPID	C/N lock	
Beam	SR	SID	Channel Name	Compression	Audio		
EIRP (dBW)	FEC			Format			
		12090	<a href="#">N-TV</a>	MPEG-2/SD	169	73 Ger	
		12091	<a href="#">Toggo Radio</a>			501 Ger	
<a href="#">12207 V</a>	DVB-S2	9009	<a href="#">LCI</a>	MPEG-4/HD	910	921 Fre	
tp 90	8PSK	9014	<a href="#">C News</a>	MPEG-4/HD	1410	1421 Fre	
<a href="#">Pan Europe</a>	29700	9015	<a href="#">LCP Assemblée Nationale</a>	MPEG-4/HD	1510	1521 Fre	
51	2.maalis	9015	<a href="#">Public Sénat</a>	MPEG-4/HD	1510	1521 Fre	
<a href="#">12226 H</a>	DVB-S		<a href="#">SES</a>				
tp 91	27500	28800	<a href="#">RTL Austria</a>	MPEG-2/SD	201	202 Ger	
<a href="#">Europe Ku</a>	3_4	28805	<a href="#">Vox Austria</a>	MPEG-2/SD	301	302 Ger	
49-51		28810	<a href="#">RTL Zwei Austria</a>	MPEG-2/SD	401	402 Ger	
		28815	<a href="#">Super RTL Austria</a>	MPEG-2/SD	501	502 Ger	
		28820	<a href="#">Voxup</a>	MPEG-2/SD	601	602 Ger	
		31200	<a href="#">Eurosport 1 Germany</a>	MPEG-2/SD	101	103 Ger	
		31210	<a href="#">HSE Extra</a>	MPEG-2/SD	512	660 Ger	
		31220	<a href="#">EuroNews Français</a>	MPEG-2/SD	2432	2435 Fre	
31230	<a href="#">EuroNews Deutsch</a>	MPEG-2/SD	2440	2445 Ger			
<a href="#">12266 H</a>	DVB-S		<a href="#">ARD Digital</a>		1-1093	5.5	
tp 93	27500	28486	<a href="#">SR Fernsehen</a>	MPEG-2/SD	1301	302 Ger	
<a href="#">Europe</a>	3_4	28487	<a href="#">ARD Alpha</a>	MPEG-2/SD	1401	1402 Ger	
51						1406 Ger	
<a href="#">12344 H</a>	DVB-S2		<a href="#">SES</a>		1-1097	6.6	
tp 97	8PSK		<a href="#">QVC Zwei</a>				
<a href="#">Europe</a>	30000						
51	2_3	2010		HEVC/UHD	2815	2816 Ger	
<a href="#">12422 H</a>	DVB-S		<a href="#">ARD Digital</a>		1-1201	5.5	
tp 101	27500	28306	<a href="#">WDR Studio Bielefeld (Mon-Sat 19.30-20.00)</a>	MPEG-2/SD	301	302 Ger	
<a href="#">Europe</a>	3_4	28307	<a href="#">WDR Studio Dortmund (Mon-Sat 19.30-20.00)</a>	MPEG-2/SD	401	402 Ger	
51		28308	<a href="#">WDR Fernsehen Düsseldorf</a>	MPEG-2/SD	501	502 Ger	
		28309	<a href="#">WDR Studio Essen (Mon-Sat 19.30-20.00)</a>	MPEG-2/SD	601	602 Ger	
		28310	<a href="#">WDR Studio Münster (Mon-Sat 19.30-20.00)</a>	MPEG-2/SD	701	702 Ger	
		28311	<a href="#">WDR Studio Siegen (Mon-Sat 19.30-20.00)</a>	MPEG-2/SD	801	802 Ger	
		28325	<a href="#">WDR Fernsehen Köln</a>	MPEG-4/HD	5501	5502 Ger	
							5503 Qaa
							5506 Ger
		28326	<a href="#">WDR Studio Bielefeld (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5511	5512 Ger	
		28327	<a href="#">WDR Studio Dortmund (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5521	5522 Ger	
		28328	<a href="#">WDR Fernsehen Düsseldorf (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5531	5532 Ger	
		28329	<a href="#">WDR Studio Essen (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5541	5542 Ger	
		28330	<a href="#">WDR Studio Münster (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5551	5552 Ger	
		28331	<a href="#">WDR Studio Siegen (Mon-Sat 19.30-20.00)</a>	MPEG-4/HD	5561	5562 Ger	
		28385	<a href="#">Radio Bremen Fernsehen</a>	MPEG-2/SD	1201	1202 Ger	
28386	<a href="#">SR Fernsehen</a>	MPEG-2/SD	1301	1302 Ger			
<a href="#">12460 H</a>	DVB-S		<a href="#">SES</a>		133-5	5.5	
tp 103	27500	48	<a href="#">N24 Doku</a>	MPEG-2/SD	511	512 Ger	
<a href="#">Europe</a>	3_4	62	<a href="#">EWTN auf Deutsch</a>	MPEG-2/SD	1023	1024 Ger	
51		64	<a href="#">QVC Style Deutschland</a>	MPEG-2/SD	1791	1792 Ger	
		659	<a href="#">Handystar</a>	MPEG-2/SD	3071	3072 Ger	
		662	<a href="#">1-2-3 TV (05-02)</a>	MPEG-2/SD	2815	2816 Ger	
		662	<a href="#">Babestation 24 (02-05)</a>	MPEG-2/SD	2815	2816 Ger	
		764	<a href="#">Anixe +</a>	MPEG-4/HD	3311	3312 Ger	



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Frequency	System	Logo	Provider Name	ONID-TID	VPID	C/N lock
Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
		772	<a href="#">TLC Germany</a>	MPEG-2/SD	1535	1536 Ger
		776	<a href="#">Sixx Deutschland</a>	MPEG-2/SD	767	768 Ger
		1793	<a href="#">Disney Channel Deutschland</a>	MPEG-2/SD	2047	2048 Ger
						2051 Ger
		1794	<a href="#">QVC Deutschland</a>	MPEG-2/SD	255	256 Ger
		172	<a href="#">Ego FM</a>			384 Ger
		173	<a href="#">Klassik Radio</a>			336 Ger
		177	<a href="#">Jam FM New Music Radio</a>			528 Ger
<a href="#">12480 V</a>	DVB-S		<a href="#">SES</a>		133-33	5.5
tp 104	27500	32	<a href="#">Sonnenklar TV</a>	MPEG-2/SD	2303	2304 Ger
<a href="#">Europe</a>	3_4	40	<a href="#">HSE</a>	MPEG-2/SD	1279	1280 Ger
51		46	<a href="#">Handystar 2</a>	MPEG-2/SD	1791	1792 Ger
		47	<a href="#">Regio TV Satellit</a>	MPEG-4/SD	2047	2048 Ger
<a href="#">12480 V</a>		51	<a href="#">Tele 5 (Germany)</a>	MPEG-2/SD	1535	1536 Ger
tp 104		63	<a href="#">DMAX Deutschland</a>	MPEG-2/SD	3327	3328 Ger
<a href="#">Europe</a>		76	<a href="#">Baden TV</a>	MPEG-4/SD	2815	2816 Ger
51		77	<a href="#">HSE Trend</a>	MPEG-2/SD	3071	3072 Ger
		661	<a href="#">AstroTV</a>	MPEG-2/SD	2559	2560 Ger
		897	<a href="#">Genius Trend</a>	MPEG-2/SD	767	768 Ger
		898	<a href="#">MediaShop Neuheiten</a>	MPEG-2/SD	255	256 Ger
		899	<a href="#">Mein TV Shop</a>	MPEG-2/SD	511	512 Ger
		900	<a href="#">Sport 1 (Germany)</a>	MPEG-2/SD	1023	1024 Ger
<a href="#">12545 H</a>	DVB-S		<a href="#">ProSiebenSat. 1 Media</a>		1-1107	6.5
tp 107	22000	17500	<a href="#">Sat. 1 Deutschland</a>	MPEG-2/SD	255	256 Ger
<a href="#">Europe Ku</a>	5_6					259 Ger
49-51		17501	<a href="#">ProSieben Deutschland</a>	MPEG-2/SD	511	512 Ger
						515 Ger
		17502	<a href="#">Kabel Eins Deutschland</a>	MPEG-2/SD	767	768 Ger
		17503	<a href="#">Welt</a>	MPEG-2/SD	1023	1024 Ger
		17504	<a href="#">Sat. 1 Gold Deutschland</a>	MPEG-2/SD	1279	1280 Ger
		17505	<a href="#">ProSieben Maxx Deutschland</a>	MPEG-2/SD	1535	1536 Ger
		17507	<a href="#">Sat. 1 Bayern (Mon-Fri 17.30-17.55)</a>	MPEG-2/SD	2047	2048 Ger
						2051 Ger
		17508	<a href="#">Sat. 1 NRW (Mon-Fri 17.30-17.55)</a>	MPEG-2/SD	2303	2304 Ger
						2307 Ger
		17509	<a href="#">Kabel Eins Doku Deutschland</a>	MPEG-2/SD	2559	2560 Ger
<a href="#">12552 V</a>	DVB-S		<a href="#">SES</a>		1-1108	6.5
tp 108	22000	3394	<a href="#">QVC Zwei</a>	MPEG-2/SD	168	144 Ger
<a href="#">Pan Europe</a>	5_6	12100	<a href="#">QVC Deutschland</a>	MPEG-2/SD	165	166 Ger
51		12122	<a href="#">Bibel TV</a>	MPEG-2/SD	33	34 Ger
<a href="#">12574 H</a>	DVB-S2		<a href="#">SES</a>		1-1109	6.6
tp 109	8PSK	5400	<a href="#">Sonnenklar TV</a>	MPEG-4/HD	255	259 Ger
<a href="#">Europe Ku</a>	22000	5403	<a href="#">Juwelo</a>	MPEG-4/HD	1023	1024 Ger
49-51	2_3	5404	<a href="#">Pearl TV</a>	MPEG-4/HD	1279	1280 Ger
			<a href="#">SES</a>			
<a href="#">12604 H</a>	DVB-S	7290	<a href="#">Sky News International</a>	MPEG-2/SD	1290	2290 Eng
tp 111	22000	28534	<a href="#">WDR Fernsehen Aachen</a>	MPEG-2/SD	3401	3402 Ger
<a href="#">Pan Europe</a>	5_6	28535	<a href="#">WDR Studio Wuppertal (Mon-Fri 19.30-20.00)</a>	MPEG-2/SD	3501	3502 Ger
51		28536	<a href="#">WDR Studio Bonn (Mon-Fri 19.30-20.00)</a>	MPEG-2/SD	3601	3602 Ger
		28537	<a href="#">WDR Studio Duisburg (Mon-Fri 19.30-20.00)</a>	MPEG-2/SD	3701	3702 Ger

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Frequency	System	Logo	Provider Name	ONID-TID	VPID	C/N lock
Beam	SR	SID	Channel Name	Compression		Audio
EIRP (dBW)	FEC			Format		
		28544	<a href="#">WDR Fernsehen Köln</a>	MPEG-4/HD	5601	5602 Ger
						5603 Qaa
						5606 Ger
<a href="#">12633 H</a>	DVB-S		<b>Media Broadcast Satellite</b>		1-1113	6.5
tp 113	22000	12600	<a href="#">Health TV</a>	MPEG-2/SD	200	300 Ger
<a href="#">Pan Europe</a>	5_6	12601	<a href="#">K-TV</a>	MPEG-2/SD	202	302 Ger
51		12604	<a href="#">Deutsches Musik Fernsehen</a>	MPEG-2/SD	53	54 Ger
		12606	<a href="#">Media Broadcast Satellite promo</a>	MPEG-2/SD	1113	1114 Ger
		12612	<a href="#">Deutschlands GayChat</a>	MPEG-2/SD	212	312 Ger
		12614	<a href="#">RheinMain TV</a>	MPEG-4/SD	208	308 Ger
		12616	<a href="#">Juwelo</a>	MPEG-2/SD	1041	1042 Ger
		12622	<a href="#">Männersache TV</a>	MPEG-2/SD	222	322 Ger
		12623	<a href="#">Date Line</a>	MPEG-2/SD	223	323 Ger
		12624	<a href="#">Fotohandy TV</a>	MPEG-2/SD	224	324 Ger
		12625	<a href="#">Mobile-Sex</a>	MPEG-2/SD	225	325 Ger
<a href="#">12633 H</a>		12626	<a href="#">My Dirty Mobile</a>	MPEG-2/SD	226	326 Ger
tp 113		12629	<a href="#">Traumfrauen TV</a>	MPEG-2/SD	229	329 Ger
<a href="#">Pan Europe</a>		12630	<a href="#">Heiss und Sexy TV</a>	MPEG-2/SD	230	330 Ger
51		12633	<a href="#">Lilo TV</a>	MPEG-2/SD	233	333 Ger
		12634	<a href="#">Nice</a>	MPEG-4/SD	234	334 Ger
		12635	<a href="#">Babestation 24 (21-04)</a>	MPEG-2/SD	235	335 Ger
		12639	<a href="#">Erotika TV</a>	MPEG-2/SD	239	339 Ger
		12640	<a href="#">BunnyClub 24</a>	MPEG-2/SD	240	340 Ger
		12641	<a href="#">Clipmobile</a>	MPEG-2/SD	241	341 Ger
<a href="#">12663 H</a>	DVB-S		<b>ORF Digital</b>		1-1115	6.5
tp 115	22000	13102	<a href="#">Nitro Austria</a>	MPEG-2/SD	1020	1021 Ger
<a href="#">Pan Europe</a>	5_6	13103	<a href="#">Welt der Wunder TV</a>	MPEG-2/SD	1030	1031 Ger
51		13104	<a href="#">LT 1 (21.30-17.00 &amp; 17.30-21.00)</a>	MPEG-4/SD	1040	1041 Ger
		13104	<a href="#">HT 1 Innviertel (17.00-17.30 &amp; 21.00-21.30)</a>	MPEG-4/SD	1040	1041 Ger
		13106	<a href="#">Shop LC Deutschland</a>	MPEG-4/HD	1060	1061 Ger
		13107	<a href="#">Visit-X TV</a>	MPEG-2/SD	1070	1071 Ger
		13110	<a href="#">Servus TV Deutschland</a>	MPEG-2/SD	1110	1111 Ger
		13112	[4Mediathek info card]	MPEG-4/SD	2120	Ger
		13113	<a href="#">L TV</a>	MPEG-4/SD	2130	2131 Ger
		13141	<a href="#">TV 1 Oberösterreich</a>	MPEG-4/SD	2410	2411 Ger
<a href="#">12692 H</a>	DVB-S	13003	<a href="#">ORF 2 Wien (19.00-19.30)</a>	MPEG-2/SD	510	511 Ger
tp 117	22000	13013	<a href="#">Hitradio Ö3</a>	MPEG-4/HD	130	131 Ger
<a href="#">Pan Europe</a>	5_6	13014	<a href="#">ORF 2 Europe</a>	MPEG-2/SD	170	171 Ger
51		13015	<a href="#">Shop 24 Direct</a>	MPEG-2/SD	150	151 Ger
		13018	<a href="#">Volksmusik TV</a>	MPEG-2/SD	180	181 Ger
		13019	<a href="#">RiC</a>	MPEG-2/SD	190	191 Ger
		13021	<a href="#">N-TV Austria</a>	MPEG-4/SD	3020	3021 Ger

Colour legend: (based on your location)

Beam: Within footprint

Frequency: Ku band C band

System: DVB-S2 DVB-S

Access: Clear, HD Clear, SD

The subscription info per country may be incomplete.

Outside of footprint Below horizon

S/Ka band -

non-DVB -

Encrypted, subscribable Encrypted