Blindscan met Easy BlindScan Pro

Wat gebruiken wij :

Een PC kaart (PCI of PCI-E) of een satelliet tuner aan te sluiten via USB poort en die compatibel is met het programma Easy Blindscan Pro. Of je kaart of tuner compatibel is met EBS Pro kan je hier checken : <u>http://ebspro.net/supported-devices/</u>

Het programma Easy Blindscan Pro . Ik kies voor de laatste geregistreerde versie (13.2.0.1) maar je kan ook werken met de freeware versie maar die heeft dan wat minder mogelijkheden. Aan jullie de keuze.

downloadlink : <u>http://ebspro.net/download/</u>

Het programma VLC, bij voorkeur de laatste versie (2.2.1) die voorzien is van de laatste codecs.

In de veronderstelling dat alles netjes is geïnstalleerd op de PC en optimaal werkt gaan we aan de slag.

In principe kan je een blindscan uitvoeren op een satelliet naar keuze. Ditmaal doe ik een blindscan op de 7°E een zeer populaire satelliet met vele feedkanalen.

Uiteraard gaan we niet de ganse satelliet scannen maar enkel de frequentiegebieden waar we de feeds mogen verwachten.

Hierbij een lijst van de frequentiegebieden per satelliet die ik persoonlijk gebruik.

53 east 11000 to 11110 + 11550 to 11700 + 12500 to 12750 (Medium activity)

48 east 10950 to 11700 + 12500 to 12750 (no activity atm)

47.5 east 11450 to 12750 (no activity atm)

46 east 10950 to 11200 (active)

45 east 11450 to 11700 V + 12500 to 12750 (Active)

42 east 11120 to 11200 + 11450 to 11700V + 12550 to 12700 (Very active)

39 east 10950 to 11200 V + 12700 to 12750 H (Active)

36 east 11000 to 11190 + 11400 to 11450 H + 11630 to 11700 V + 12550 to 12655 (Active)

33.2 east 10950 to 11180 + 11450 to 11670 + 12630 to 12750 V (Active)

28.5 east 12700 to 12750 (Low)

26 east 12550 to 12750 (Low)

23.5 east 11450 to 11700 + 12550 to 12750 (Medium)

21.6 east 10950 to 11110 + 11470 to 11700 + 12500 to 12750 (Fairly active)

16 east 10950 to 11200 + 12500 to 12600 + 12600 to 12750 V only (Very Active)

10 east 10700 to 10950 + 10950 to 11200 + 11450 to 11700 + 12500 to 12750 (Very Active)

7 east 10950 to 11200 + 12500 to 12750 (Very Active)

5 east 12580 to 12750 (Medium activity)

4 east 10950 to 11200 + 12500 to 12750 (no activity atm)

3.1 east 10950 to 11200 H + 11550 to 11700 H + 12500 to 12750 (Very active at times)

1 west 10950 to 11200 V + 11450 to 11700 V + 12500 to 12540 V (Very active at times)

5 west 10950 to 11200 + 11450 to 11680 + 12500 to 12750 (Low activity)

8 west 10950 to 11200 H + 12500 to 12750 (Very active at times)

11 west 11000 to 11200 H + 11450 to 11700 H (Fairly active)

12.5 west 10950 to 11200 + 11320 to 11430 + 12500 to 12750 (Very active at times)

15 west 11000 to 11110 + 11450 to 11700 + 12500 to 12750 (Low activity)

20 west 10950 to 11200H + 11450 to 11700 + 12500 to 12750 (no activity atm)

22 west 10950 to 11200 H + 11450 to 11700 H + 12500 to 12750 H (Medium Activity)

24.5 west 10950 to 11200 + 11450 to 11700 (High Activity)

27.5 west 10950 to 11200 V + 11450 to 11700 V (Very Low Activity)

30 west 10700 to 10950 + 11460 to 11700 + 11920 to 11990 H + 12600 to 12750 (High activity)

34.5 west 10950 to 11200 V + 11450 to 11700 V (Very Low Activity)

37.5 west 10950 to 11160 V + 12500 to 12750 (Low activity)

40.5 west 10950 to 11450 + 11700 to 12200 no activity atm

45 west 11450 to 11700 (Very low activity)

We starten het programma Easy BlindScan op en kiezen de satelliet kaart of USB naar keuze (als je er slechts één hebt geïnstalleerd zie je uiteraard maar één). Ik kies voor de TBS 6925 kaart.

😝 EBSpro 13.2.0.1	i-1												 and had				0	×
File Tools H	Help															् 州 🗵	• 11	
2 3 0-11	1-budget 52-160	•	9 10	Insert a r	name here												- 3	
0 - TT	-budget S2-1600)	[COL	(reconstant)														-i [au
Satelli	85 6925 DVB5/52	Tuner 🖓		UF Scan	Log (4)													
Scanner	Ranges 9 Fi	iters																
1														Total: 0	Time elapsed: 00:00:00	Stop	0	Start
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Favorites															*	2 🗙 😉 🔚 🏲	15	a 🗎
															Device OFF Device OFF	Lock DISEQC Device	Contri	4 (B)+

Eerst gaan we enkele instellingen aanpassen bij options. Ga linksboven bij "File" naar "Options". Daarna ga je in het volgende scherm naar "Integration" en duid "Player 1" aan.

File Tools Help	
NG Satellite (20.82) 👻 Blind Scan (2) 🔳 AF Scan 📃 Log (4)	
Scanner 🛄 Ranges 🕎 Filters	
	Total: 0 Time elapsed: 00:00:00 🕒 Stop 🥥 Start
Frequency (MHz) Polarization SR (KSv) FEC Standard Modulation Spectral in., RollOff Pilot Coding., RFLevel SNR Carrier	width Bit Rate Information
Options	
Player 1 Here you can set-up a player to watch and and	tyze the signals you find.
Device options Player name & path	
DISEqC and USALS VIC (UDP)	C-Program Files/VideoLAM/VICvidc.exe
Gommand-Line Command-Line	
T SAMyare Debryation Debryation ViC_inspire ViC_inspire ViC_inspire	ti undestificer "latt die lider" mite austanden- Go Saftware meta-antist- "treg * * 1998; low "mite Saftware" (Status "lange laterality also til plater "later") 1999; low "mite Saftware" (Saftware austantistic also til plater") -rangehöst Format-jag
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Vul het Player Path aan waar het bestand "vlc.exe" zich bevind op je PC vul ook de Command-Line aan zoals hierboven te zien.

Kopieer en plak deze tekst :

{proto}://@:{net_port} :meta-title="{sat} @ {dev}" :meta-author=Cjcr-Software :meta-artist="{freq} {pol} {sr} / RF: {rflevel} SNR: {snr}" :metacopyright="EBSpro" :input-timeshift-path="{data_folder}" :input-record-path="{data_folder}" :no-input-record-native --snapshotpath="{data_folder}VLC_snapshot.jpg" --snapshot-format=jpg





Nu dien je volledig links boven de naam van je kaart of USB tuner te zien. In dit geval de TBS 6925 kaart.

2 3 1-TB	elp ¹⁴⁵ 5 6925 DVBS/S2 1	luner 💌	9 1 Inse	t a name here												S. 4	•		
3 Satellite (30.8	E) 🖗 Bli	nd Scan (0)	RF Scan	📄 🔝 (6)	1														
Scanner 🔛	Ranges 7 Fil	ters												Total: 0	Time elapsed: 00:00:00	Θ	Stop	0	Start
requency (MHz)	Polarization	SR (KS/s)	FEC Stand	ard Modulation	Spectral in	RollOff	Pilot	Coding	RFLevel	SNR	Carrier width	Bit Rate	Information						
utput																			114

Ga naar het vak "Insert a name here" kies je nu de satelliet die je wil scannen. In dit geval de 7°E.

Elipino 13 2.0.1 (TBS 6925 DVBS/52 Turren)		
File Tools Help		(2) 小田 ● 田 ■ 3
🤹 🤒 1 - TBS 6925 DVBS/S2 Tuner 🔹 📑	1 7.DE - Eurobant 7A	- × 🛛
Senter (74) Tind Son (1) Ti	DBC Ended TA D02 Ended TA D02 Ended TA D02 Ended TA D02 Ended TA D03 Ended TA D04 Ended TA D05 Ended TA D04 Ended TA D05 Ended TA D04 Ended TA D05 Ended TA D07 Ended TA D08 Ended TA D08 Ended TA D08 Ended TA D08 Ended TA D04 Ended TA D05 Ended TA D06 Ended TA D07 Ended TA D08 Ended TA D08 Ended TA D08 Ended TA D08 Ended TA <th>Start</th>	Start
Dutout		
Favorites		- 2 X 🔮 L 🕨 🖬 📾
Done.		
No signal.		Q-0% L-0% Ditto: Ditto: Ontrol

Nu gaan we bij het tabblad "Ranges" de frequentiegebieden van de 7°E invullen , zijnde : 10950 tot 11200 verticaal en horizontaal en 12500 tot 12750 verticaal en horizontaal. Dit doe je door de frequenties en polarisatie onderaan in te vullen en te drukken op "Add new".

	0. 000 50 1			
EBSpro 13.2.0.1 [TBS 6925 DVB5/52	uner)		A REAL PROPERTY AND A REAL	
File Tools Help				S 🖷 🔟 • 🗄 🔟 🛚
2 3 1 - TBS 6925 DVBS/S2 Tun	r 🔹 🧐 💼 7.0E	- Eutelsat 7A		- 🗙 🖬
🖏 Satellite (7.0E) 🛛 🎯 Blind S	an (D) 🔳 RF Scan	Log (14)		
Scanner 🖸 Ranges <table-cell> Filters</table-cell>				
Freq (Min-Max) Method/ste	ps SR (Min-Max)	Pol	Comments	
10950-11200 4 MHz	100-30000	Vertical		
₹ 10950-11200 4 MHz	100-30000	Horizontal		
2 12500-12750 4 MHz	100-30000	Vertical		
2 12500-12750 4 MHz	100-30000	Horizontal		
			Frequency range (Custom): Start: 10700 👘 to 12750 👘 MHz Polarization: Horizontal 💌	
			Symbol rate range: Start: 100	
			💠 Add new Update 🗶 Delete Predefined range Save/Update Predefined range	

Zo , nu zijn we klaar om het scannen te starten , druk gewoon op "start" in het tabblad "Scanner".

EBSpro 13.201 File Tools F	T85 6925 DV85 elp S 6925 DV85/S2	/S2 Tuner] Tuner 👻	92	7.0E - Eu	itelsat 7A					1/4			2.8.1					4 A 1	• 13	
Satellite (7.0)	Ranges 🤗 Fi	nd Scan (D) Iters	R	FScan	E Log (14)															
1															Total: 0	Time elapsed: 00:00	:00	🖨 Sta	ip 🚺	Start
Frequency (MHz)	Polarization	SR (KS/s)	FEC	Standard	Modulation	Spectral in	RollOff	Pilot	Coding	RFLevel	SNR	Carrier width	Bit Rate	Information						
Output																				
Favorites																	- 2	4 🖌 🗄 F	- 16 6	2 🗎

Tijdens het scannen kun je altijd links onderaan de ranges zien die je aan het scannen bent plus de vooruitgang in frequentie.

ile Tools He		lunar v	10	7.05 - 5	daleat 75												人法上・日日
3 Satellite (7.0E)	Blin	id Scan (4)		F Scan	Log (11)	T											
Scanner 💽 F	anges Pitt	ters															
															Total: 4	Time elapsed: 00:02:55	🕒 Stop 🚺 Pau
equency (MHz)	Polarization	SR (KS/s)	FEC	Standard	Modulation	Spectral inversion	RollOff	Pilot	Coding Mode	RFLevel	SNR	Carrier width	Bit Rate	Information			
11068,454	Vertical	9875	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 d8m	8,4 dB	11,849 MHz	22,009 Mbi	MES: 0, BER: 0,0000000, Time to lock: 664 ms []			
11144,310	Vertical	5600	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-50 d8m	10,9 dB	6,719 MHz	12,480 Mbl	MIS: 0, BER: 0,0000000, Time to lock: 2421 ms []			
11191,548	Vertical	3750	3,4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-51 dBm	10,2 dB	4,500 MHz	8,359 Mbit/s	MIS: 0, BER: 0,0000000, Time to tock: 799 ms []			
10960,968	Horizontal	9875	5/6	Auto	SPSK	Inverted	0.20	Auto	ССМ	-49 d8m	9,2 dB	11,850 MHz	0,000 Mbit/s	MIS: 0, BER: 0,0000000, Time to lock: 1531 ms []			
Output <>																	2 × 0 = + = =

Na de volledige scanning stopt het programma en zie je hoeveel transponders je hebt gevonden.

2 🔒 1 - TBS	6925 DVBS/S2	Tuner 💌		7.0E - Eu	telsat 7A													•
Satellite (7.0E)	- BB	nd Scan (23)	-	RF Scan	Log (19)	i l												_
Scanner 💽 g	anges 7 Fi	ters																
															Total: 23	Time elapsed: 00:08:23	0	Stop 🙆
	Batasiastian	TR AT LA		Desident		free de la	8-000			Diff. and			-	Marine State	1.0544.0457		-	
11101 566	Vartical	1750	24	DUR.52	RDCF	Invested	6.30	ON	county	St dBm	10 5 dE	A STOLEMAN	8 365 Mikala	No considered and DAIS 0, BED 0.0000000 Time to lock: 1717 mil				
10950 985	Horizontal	9875	3/4	DVR-S2	SPSK	Inverted	0.20	ON	COM	49 dBm	92.48	11.849 MHz	22.009 Mini	No reported yet Bills 0, BEB 0,0000000 Time to lock 575 ms				
10969 976	Horizontal	4917	3/4	DVR-S2	RPSK	Inverted	0.30	ON	COM	49 dBm	7.7 dR	5.924 MHz	11.005 Mbi	No reported yet MIS 0, BEB 0 3055210, Time to lock 837 ms				
10975 981	Horizontal	4937	3.4	DVR-52	RPSK.	Inverted	0.20	ON	COM	A9 dBm	83.48	5.924 MHz	11.005 MbL.	No reported yet MIS 0. BER 0.0000000 Time to lock 752 ms				
10981.983	Horizontal	4937	3/4	0/8-52	BPSK	Inverted	0.20	ON	CCM	49 dfm	9.2 db	5.924 MHz	11.005 Mbi.	No reported yet MIS 0. B/R: 0.0000000 Time to lock: 1798 mil				
11045.479	Horizontal	8333	5/6	DVB-S2	BPSK	Inverted	0.20	ON	COM	-49 dBm	10.6 dB	9.999 MHz	20.658 MbL	No reported yet IMIS: 0. BER: 0.0000000. Time to lock: 781 mil				
11059.446	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	COM	-49 dBm	9.4 dB	5.924 MHz	11.005 MbL.	No reported yet IMIS: 0. BER: 0.0000000. Time to lock: 748 mil				
11130.744	Horizontal	14400	3/4	DVB-S2	BPSK	Inverted	0.25	ON	COM	-50 dBm	9.3 dB	17.999 MHz	32,095 MbL.	No reported yet IMIS: 0. BER: 0.0000000. Time to lock: 664 msl				
11182.143	Horizontal	4000	3/4	DVB-S2	32APSK	Inverted	Auto	ON	ACM	-50 dBm	11.6 dB	5.400 MHz	14.880 MbL.	No reported yet IMIS: 1. BER: 0.0000000. Time to lock: 790 msl				
11188,592	Horizontal	3033	3/4	DVB-52	QPSIZ	Inverted	0.20	ON	ACM	-50 dBm	9,5 d8	3,640 MHz	4,513 Mbit/s	No reported yet (MIS: 1, BER: 0,0000000, Time to lock: 874 ms)				
12509,317	Vertical	4236	23	DV/8-52	BPSK	Inverted	0.20	ON	ACM	-52 dBm	10,6 dB	5,083 MHz	8,392 Mbit/s	No reported yet (MIS: 1, BER: 0,0000000, Time to lock: 2544 ms)				
12538,280	Vertical	963	2/9	DVB-S2	QPSK2	Inverted	0.25	OFF	CCM	-52 dBm	9,5 dB	1,228 MHz	1,301 Mbit/s	No reported yet (MIS: 0, 8ER: 0,0000000, Time to lock: 3617 ms)				
12556,661	Vertical	4035	5,6	DVB-S2	BPSK	Inverted	0.20	ON	CCM	-51 dBm	14,1 dB	4,841 MHz	10,000 MbL	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 837 ms)				
12575,515	Vertical	6400	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-51 dBm	12,3 dB	7,680 MHz	6,330 Mbit/s	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 722 ms)				
12635,343	Vertical	1302	3/4	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-53 dBm	11,0 dB	1,757 MHz	1,800 Mbit/s	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 6112 ms)				
12641,514	Vertical	2500	2/3	DVB-52	8PSK	Normal	0.20	ON	CCM	-52 dBm	12,8 d8	3,000 MHz	4,953 Mbit/s	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 3164 ms)				
12718,213	Vertical	2143	5.6	DVB-5	QPSK	Inverted	0.35	Auto	CCM	-51 dBm	17,1 dB	2,892 MHz	3,291 Mbit/s	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 1369 ms)				
12556,216	Horizontal	7120	3,4	DVB-S2	8PSK	Inverted	0.20	ON	COM	-52 dBm	10,2 dB	8,543 MHz	15,868 Mbl	No reported yet (MIS: 0, BER: 0,0000000, Time to tock: 1550 ms)				
12591,218	Horizontal	2000	3/5	DV/B-S2	QPSK2	Inverted	0.20	OFF	CCM	-53 dBm	14,0 dB	2,400 MHz	2,378 Mbit/s	No reported yet (MIS: 1, BER: 0,0000000, Time to lock: 918 ms)				
12602,472	Horizontal	12000	3/4	DVB-S2	32APSK	Inverted	0.35	ON	ACM	-51 dBm	3,8 dB	15,200 MHz	44,640 MbL	No reported yet (MIS: 2, BER: 0,0000000, Time to lock: 802 ms)				
12621,966	Horizontal	4167	3,4	DVB-S2	8PSK	Inverted	0.20	ON	ACM	-52 dBm	14,0 dB	5,000 MHz	9,288 Mbit/s	No reported yet (MIS: 1, BER: 0,0000000, Time to lock: 2562 ms)				
12676,998	Horizontal	6429	2/3	DVB-52	BPSK	Inverted	0.25	OFF	CCM	-52 dBm	8,7 d8	8,036 MHz	12,736 MbL.	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 829 ms)				
12693,580	Horizontal	2000	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-53 dBm	9,9 dB	2,399 MHz	1,977 Mbit/s	No reported yet (MIS: 0, BER: 0,0000000, Time to lock: 974 ms)				
put																		
december, 201	5 - 12:52 24 T	S 6925 DVBS/	S2 Tune	BSM BLS:	an 23 @ 00:08	23											· · * * ·	F 15

Uiteraard zijn we nu benieuwd welke feeds we hebben gevonden. Ga op een lijn van de gevonden feed staan en klik op de rechter muis toets en druk op "VLC (UDP)", ook kan je als je op de lijn staat met de cursor gewoon dubbelklikken met de linker muis toets

Hier enkele resultaten.

2 🔒 🔒 🕹	6925 DVBS/S2 1	uner 👻	9	7.0E - Eu	itelsat 7A							flouch 1	.00			-	
Satalita IT OF	- Rie	d Scan (72)	-	RF Scan	100.000	a ll'										- 💌 🗌	X
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11101 SEE	Vartical	3750	34	Dure 52	epcy	spectral In	0.20	ON	Cooling	St dilm	10.5 dl	prev pa	use	next			
10060 986	Harizontal	9875	3/4	DVR-52	aper	Inverted	0.20	ON	COM	40 dBm	9.2 48						
10969.976	Horizontal	4937	3/4	DVB-52	RPSK	Inverted	0.20	ON	CCM	.49 dBm	7.7 d8						
10975 981	Horizontal	4937	3/4	DVB-52	SPSK	Inverted	0.20	ON	CCM	-49 dBm	83 d8	40	50		90	Contraction of the	
10981,983	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 d8m	9,2 dB						
11045,479	Horizontal	8333	5/6	DVB-52	8PSK	Inverted	0.20	ON	COM	-49 dBm	10,6 dB		10			90	
11059,446	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,4 dB	AND THE REAL		4	5 S		16
11130,744	Horizontal	14400	3,4	DVB-S2	8PSK	Inverted	0.25	ON	CCM	-50 dBm	9,3 dB	Allow 1	the state	anical.		0/ 2/57	
11182,143	Horizontal	4000	3/4	DVB-S2	32APSK	Inverted	Auto	ON	ACM	-50 dBm	11,6 dB		100	No.			110
11188,592	Horizontal	3033	3/4	DVB-52	QPSKZ	Inverted	0.20	ON	ACM	-50 dBm	9,5 d8		100	A REAL PROPERTY.			111
12509,317	Vertical	4236	2/3	DVB-S2	8PSK	Inverted	0.20	ON	ACM	-52 dBm	10,6 dB			-			TTA.
12538,280	Vertical	983	2/3	DVB-S2	QPSK2	Inverted	0.25	OFF	CCM	-52 dBm	9,5 d8			30			19
12556,661	Vertical	4035	5/6	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-51 dBm	14,1 dB			21		and the second	EE-
12575,515	Vertical	6400	1/2	DV8-52	QPSK2	Inverted	0.20	OFF	ACM	-51 dBm	12,3 dB			Las Ja		1	1 and
12635,343	Vertical	1302	3/4	DVB-S	QPSK	Inverted	0.35	Auto	ССМ	-53 dBm	11,0 dB	Phile Phile	1	- mel			
12641,514	Vertical	2500	2/3	DVB-52	8PSK	Normal	0.20	ON	CCM	-52 dBm	12,8 dB		1	12			
12718,213	Vertical	2143	5,6	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-51 dBm	17,1 dB		11/2	2			
12556,216	Horizontal	7120	3/4	DVB-S2	8PSK	Inverted	0.20	ON	ССМ	-52 dBm	10,2 dB	Ala Cal	1				
12591,218	Horizontal	2000	3/5	DVB-S2	QPSK2	Inverted	0.20	OFF	CCM	-53 dBm	14,0 dB						
12602,472	Horizontal	12000	3/4	DVB-S2	32APSK	Inverted	0.35	ON	ACM	-51 dBm	8,8 dB	C. C. M.		man			112
12621,966	Horizontal	4167	3/4	DVB-S2	8PSK	Inverted	0.20	ON	ACM	-52 dBm	14,0 dB		1		and the		11
12676,998	Horizontal	6429	2/3	DVB-S2	8PSK	Inverted	0.25	OFF	CCM	-52 dBm	8,7 dB			des :	C I		200
12693,580	Horizontal	2000	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-53 dBm	9,9 dB	N NIVAV	-	100			
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utput																udp	@:7000
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- TBS	925 DVBS/S2 1	Tuner 🔻	9	7.05 + 54	itelsat 7A							-		touch 1.00		
Satellite (7.0E)	Blin	nd Scan (73)	-	RF Sran	Log (23)	e l						📕 (?) 🛙	Ŭ			▼ □X
anner 📭 p	annar 107 Fill	herr	-										ndam			
	angez y rin															4937,272 / RF: -49
icy (MHz)	Polarization	SR (KS/s)	FEC	Standard	Modulation	Spectral in	RollOff	Pilot	Coding	RFLevel	SNR (10,8 d8		prev	pause	next	-::
1,566	Vertical	3750	3/4	DVB-52	8P5K	Inverted	0.20	ON	CCM	-51 dBm	10,5 dB					
,986	Horizontal	9875	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,2 d8					State of the second second
976	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	7,7 dB					States States
981	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	8,3 dB					80
,983	Horizontal	4937	3/4	DVB-S2	SPSK	Inverted	0.20	ON	CCM	-49 dBm	9,2 dB					INCOME AND INCOME.
,479	Horizontal	8333	5/6	DVB-S2	8P5K	Inverted	0.20	ON	CCM	-49 dBm	10,6 dB	Lun		The state		
,446	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,4 dB	1 Anna		STREET, STREET		and and a second se
,744	Horizontal	14400	3/4	DVB-S2	8PSK	Inverted	0.25	ON	CCM	-50 dBm	9,3 dB	Cruzza Martin	ALL CAR	HORISON ST.	Network provident	and the second se
,143	Horizontal	4000	3/4	DVB-S2	32APSK	Inverted	Auto	ON	ACM	-50 dBm	11,6 dB	Self Weather	Post of the second			Statement of the local division of the local
,592	Horizontal	3033	3/4	DVB-S2	QPSK2	Inverted	0.20	ON	ACM	-50 dBm	9,5 d8			THE OWNER	10	Transa Barran
317	Vertical	4236	2/3	DVB-S2	8PSK	Inverted	0.20	ON	ACM	-52 dBm	10,6 dB			Tink a		A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OWNE
,280	Vertical	983	2/3	DVB-S2	QIPSK2	Inverted	0.25	OFF	ССМ	-52 d8m	9,5 d8	BUNDLED /	A COLOR	States of Lot of		
661	Vertical	4035	5/6	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-51 d8m	14,1 dB	ALC: NOT THE OWNER.	Section 1	dist.		and the second se
,515	Vertical	6400	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-51 dBm	12,3 dB		7 6 10			A DECKER OF THE OWNER OF THE OWNE
343	Vertical	1302	3/4	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-53 dBm	11,0 dB	ASSA PERMIT	1-2010	and a log		
514	Vertical	2500	2/3	DVB-S2	8PSK	Normal	0.20	ON	CCM	-52 dBm	12,8 dB		Net P //			212 12
213	Vertical	2143	5/6	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-51 dBm	17,1 dB	and the second	18 AV 18			
,216	Horizontal	7120	3/4	DVB-S2	apsk	Inverted	0.20	ON	CCM	-52 dBm	10,2 dB					
,218	Horizontal	2000	3/5	DVB-52	QPSK2	Inverted	0.20	UFF	CLM	-53 dBm	14,0 08					
472	Horizontai	12000	3/4	DVB-S2	SZAPSK	Inverted	0.35	ON	ACM	-51 dBm	8,8 08		AC			
,900	Horizontal	4167	3/4	DVD-32	aper	Invented	0.20	OFF	ACM .	-52 dbm	14,0 00					
B, 580	Horizontal	2000	1/2	DVB-52	QPSKZ	Inverted	0.20	OFF	ACM	-53 dBm	9,9 d8					
ember, 201	5 - 12:52 24 TB	IS 6925 DVBS/	S2 Tune	BSM: BLSc	an 23 @ 00:08	-23										• 2 × 0 = F
ted yet (N	115: 0, BER: 0,0	000000, Tim	e to loc	k: 752 ms]												
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31.	TBS 6925 DVBS	/S2 Tuner		1.0E	- Eutelsat 7A								0 L	touch 1.00		
Satellite (.0E)	Blind Scan (2	9	RF Scan	E Log	(21)							andom			▼ L X
canner (Ranges 1	Filters														00 T (000)

1,566	Vertical	3750	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-51 dBm	10,5 dB
6	Horizontal	D.9875	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,2 dB
	Horizontal	4937	3/4	DVB-52	8PSK	Inverted	0.20	ON	CCM	-49 dBm	7,7 dB
	Horizontal	4937	3/4	DVB-52	8PSK	Inverted	0.20	ON	CCM	-49 dBm	8,3 dB
3	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,2 dB
79	Horizontal	8333	5/6	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	10,6 dB
146	Horizontal	4937	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dBm	9,4 dB
44	Horizontal	14400	3/4	DVB-S2	8PSK	Inverted	0.25	ON	CCM	-50 dBm	9,3 d8
143	Horizontal	4000	3/4	DVB-S2	32APSK	Inverted	Auto	ON	ACM	-50 dBm	11,6 dB
92	Horizontal	3033	3/4	DVB-S2	QPSK2	Inverted	0.20	ON	ACM	-50 dBm	9,5 dB
17	Vertical	4236	2/3	DVB-52	8PSK	Inverted	0.20	ON	ACM	-52 dBm	10,6 dB
180	Vertical	983	2/3	DVB-S2	QPSK2	Inverted	0.25	OFF	CCM	-52 dBm	9,5 dB
,661	Vertical	4035	5,6	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-51 dBm	14,1 dB
i,515	Vertical	6400	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-51 dBm	12,3 dB
343	Vertical	1302	3/4	DVB-5	QPSK	Inverted	0.35	Auto	CCM	-53 dBm	11,0 dB
14	Vertical	2500	2/3	DVB-S2	8PSK	Normal	0.20	ON	CCM	-52 dBm	12,8 dB
213	Vertical	2143	5,6	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-51 dBm	17,1 dB
216	Horizontal	7120	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-52 dBm	10,2 dB
,218	Horizontal	2000	3/5	DVB-S2	QPSK2	Inverted	0.20	OFF	CCM	-53 dBm	14,0 dB
172	Horizontal	12000	3/4	DV8-S2	32APSK	Inverted	0.35	ON	ACM	-51 dBm	8,8 dB
966	Horizontal	4167	3/4	DVB-S2	8PSK	Inverted	0.20	ON	ACM	-52 dBm	14,0 dB
98	Horizontal	6429	2/3	DVB-S2	8PSK	Inverted	0.25	OFF	CCM	-52 dBm	8,7 d8
3,580	Horizontal	2000	1/2	DVB-52	QPSK2	Inverted	0.20	OFF	ACM	-53 dBm	9,9 d8
iber, 201	5 - 12:52 24 T	BS 6925 DVB	S/S2 Tune	r BSM: BLS	can 23 @ 00:	08:23					

1000 Trep 1 -TBS 6925 D aetifie (7 JD1) - nmmer Itel anges by (MHt) Pelantaria	VUSS/SZ Turner VUSS/SZ Turner VISS/SZ Tailees tastion SR (KS) cal 3750 toontal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937	a) PEC 3,4 3,4 3,4 3,4 3,4 5,6 3,4	Standard DVB-S2 DVB-S2 DVB-S2 DVB-S2	utelsat 7A E Log (24) Modulation BPSK BPSK	Spectral in.						
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withing Q Ranges wg (MHz) Polent 91,565 Verticitie 96,925 Horizo 96,927 Horizo 97,381 Horizo 91,365 Verticitie 92,321 Horizo 93,754 Horizo 90,446 Horizo 90,317 Verticitie 90,317 Verticitie 90,317 Verticitie 90,317 Verticitie 90,317 Verticitie 90,317 Verticitie 91,208 Verticitie 92,315 Verticitie	Bind Scan (2 Pitters) Intraction SR (KS/ Sinters) Sinters) Sinters	1) PEC 3/4 3/4 3/4 3/4 3/4 5/6 3/4	Standard Dv8-S2 Dv8-S2 Dv8-S2 Dv8-S2 Dv8-S2	Modulation BPSK BPSK	Spectral in.						
QL Regist Ny (M10) Polent 91,566 Vetlet 91,566 Vetlet 92,967 Horiz 92,968 Horiz 92,974 Horiz 93,974 Horiz 99,466 Horiz 99,466 Horiz 99,466 Horiz 90,2143 Horiz 90,2143 Horiz 90,317 Vettor 90,317 Vettor 90,317 Vettor 90,317 Vettor 90,317 Vettor 90,317 Vettor 90,318 Vettor 90,319 Vettor 91,2143 Horiz 91,2144 Horiz 91,2144 Horiz	Primers stration SR (KS/ cal stration SR (KS/ sontal version 9875 sontal 4937	1) PEC 3/4 3/4 3/4 3/4 3/4 5/6 3/4	Standard Dv8-S2 Dv8-S2 Dv8-S2 Dv8-S2 Dv8-S2	Modulation BPSK BPSK	Spectral in.						man angular paper ngan ranna
yp (Mrtd) Poterni 91,566 Vertic 92,566 Vertic 92,956 Horiz 92,957 Horiz 93,958 Horiz 93,958 Horiz 93,958 Horiz 93,976 Horiz 93,976 Horiz 93,976 Horiz 90,914 Horiz 90,914 Horiz 90,917 Vertic 96,307 Vertic 96,317 Vertic 96,317 Vertic 96,317 Vertic 96,317 Vertic 96,317 Vertic 96,526 Vertic 97,555 Vertic	Itation SR (KS/ 3750 contal 9875 contal 9837 contal 4937 contal 4000 contal 4000 contal 4000 contal 4033	n) PEC 3/4 3/4 3/4 3/4 3/4 5/6 3/4	Standard DVB-S2 DVB-S2 DVB-S2 DVB-S2	Modulation 8PSK 8PSK	Spectral in						200 🕰 🚺 🚺 🚺 925 DVBS/S2 Tuni
91,566 Vertic 60,905 Horizo 69,976 Horizo 81,983 Horizo 91,983 Horizo 59,446 Horizo 30,744 Horizo 88,392 Horizo 88,392 Horizo 88,392 Vertic 56,661 Vertic 55,515 Vertic	cai 3750 contai 9675 contai 4937 contai 14400 contai 4000 contai 3033	3/4 3/4 3/4 3/4 3/4 5/6 3/4	DV8-52 DV8-52 DV8-52 DV8-52	BPSK BPSK		ReliOff	Pilot	Coding	RFLevel	SNR 00.8 dt	
60,995 Horizi 69,976 Horizi 75,981 Horizi 81,983 Horizi 81,983 Horizi 90,446 Horizi 30,744 Horizi 86,392 Horizi 86,392 Horizi 38,280 Vertici 56,661 Vertici 75,515 Vertici	contail 9875 contail 4937 contail 4937 contail 6937 contail 4937 contail 14400 contail 4000 contail 3033	3/4 3/4 3/4 3/4 5/6 3/4	DVB-S2 DVB-S2 DVB-S2	врѕк	Inverted	0.20	ON	CCM	-51 dBm	10,5 dB	vol - vol + prev pause next
69,976 Horiz 75,981 Horiz 81,983 Horiz 59,446 Horiz 59,446 Horiz 30,744 Horiz 88,392 Horiz 88,392 Horiz 38,280 Vertic 56,661 Vertic 55,515 Vertic	contal 4937 contal 4400 contal 4000 contal 3033 contal 4756	3/4 3/4 3/4 5/6 3/4	DVB-S2 DVB-S2		Inverted	0.20	ON	ССМ	-49 dBm	9,2 dB	
75,981 Horizi 81,983 Horizi 59,446 Horizi 59,446 Horizi 82,143 Horizi 88,392 Horizi 88,392 Horizi 38,280 Vertici 56,661 Vertici 55,515 Vertici	contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 contal 14400 contal 4000 contal 3033 contal 3033	3/4 3/4 5/6 3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 d6m	7,7 dB	
45,479 Horizi 59,446 Horizi 30,744 Horizi 82,143 Horizi 86,592 Horizi 38,280 Vertici 56,661 Vertici 75,515 Vertici	contail 4937 contail 4937 contail 14400 contail 4000 contail 3033	5/6 3/4	DVB-52	BPSK	Inverted	0.20	ON	CCM	-49 dbm	8,3 dB	
59,446 Horib 30,744 Horib 82,143 Horib 88,592 Horib 09,317 Vertic 38,280 Vertic 56,661 Vertic 75,515 Vertic	contai 4937 contai 14400 contai 4000 contai 3033	3/4	DVB-S2	8PSK	Inverted	0.20	ON	CCM	-49 dbm	10,6 d8	
30,744 Horizi 82,143 Horizi 88,592 Horizi 09,317 Vertici 38,280 Vertici 56,661 Vertici 75,515 Vertici	contal 14400 contal 4000 contal 3033		DVB-52	8P5K	Inverted	0.20	ON	COM	-49 d8m	9,4 dB	
82,143 Horib 88,392 Horib 09,317 Vertic 38,280 Vertic 56,661 Vertic 75,515 Vertic	contal 4000 contal 3033	3/4	DVB-S2	BPSK	Inverted	0.25	ON	CCM	-50 dBm	9,3 dB	
86,392 Horiz 09,317 Vertic 38,280 Vertic 56,661 Vertic 75,515 Vertic	contal 3033	3/4	DVB-S2	32APSK	Inverted	Auto	ON	ACM	-50 dBm	11,6 dB	
38,280 Vertic 56,661 Vertic 75,515 Vertic		2/3	DVB-SZ DVB-SZ	QPSK2 ILPSK	Inverted	0.20	ON	ACM	-50 dbm	9,5 dB	
56,661 Vertic 75,515 Vertic	cal 983	2/3	DVB-S2	QPSK2	Inverted	0.25	OFF	CCM	-52 d8m	9,5 dB	
75,515 Vertic	cal 4035	5,6	DVB-S2	врык	Inverted	0.20	ON	ссм	-S1 dBm	14,1 dB	
	cal 6400	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-S1 dBm	12,3 dB	
35,343 Vertic	cal 1302	3/4	DVB-S	QPSK	Inverted	0.35	Auto	CCM	-53 dBm	11,0 d5	
41,514 vertic 18,213 Vertic	cel 2500 cel 2143	5.6	DVB-S2 DVB-S	OPSK	Inverted	0.20	Auto	ссм	-52 dbm	17.1 d8	
56,216 Horiz	contal 7120	3,4	DVB-S2	BPSK	Inverted	0.20	ON	CCM	-52 dBm	10,2 dB	
91,218 Horiz	contai 2000	3/5	DVB-S2	QPSK2	Inverted	0.20	OFF	ссм	-53 dBm	14,0 dB	
02,472 Horiz	iontal 12000	3/4	DVB-52	3ZAPSK	Inverted	0.35	ON	ACM	-51 dBm	8,8 dB	
21,966 Horiz	contal 4167	3/4	DVB-52 DVB-52	8PSK 8PSK	Inverted	0.20	ON	ACM	-52 dBm	14,0 d5	
93,580 Horiz	contal 2000	1/2	DVB-S2	QPSK2	Inverted	0.20	OFF	ACM	-53 d8m	9,9 dB	
											384 kba - 48 kHz
cember, 2015 - 12:5	52 24 TBS 6925 D	/85/52 Tune	r BSM: BLS	can 23 @ 00:08	-23						
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		a 🔳	RF Scan	Log (27)	31						
nner 🔛 Ranges	Piters		RF Scan	Log (27)	1						
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nner 🔛 Ranges icy (MHz) Polari	Filters	9 FEC	RF Scan	Log (27) Modulation	Spectral in	RollOff	Pilot	Coding	RFLevel	SNR (10,8 de	Image: An and a sector Image: An an
nner 🔛 Ranges ky (MHz) Polari 91,366 Vertic	Filters	8 FEC 3/4	RF Scan Standard DVB-S2	Log (27) Modulation	Spectral In	RoliOff 0.20	Pilot (Coding	RFLevel -51 dBm	SNR (10,5 dE 10,5 dB	Image: Angle of the second
Inner C Ranges Ing (MHz) Polari 91,566 Vertic 60,966 Horto	Eitters	0 FEC 3/4 3/4	RF Scan Standard DVB-S2 DVB-S2	Log (27) Modulation 8PSX 8PSX	Spectral in Inverted Inverted	ReliOff 0.20 0.20	Pilot 0 ON 0 ON 0	Coding CCM CCM	RFLevel -51 dBm -49 dBm	SNR (10,5 dE 10,5 dB 9,2 dB	Image: Section 1.00 Image: Section 1.00
iny (MHz) Polari 91,556 Vertic 60,956 Horizi 69,976 Horizi	Extens Ization SR (KS/ cal 3750 contal 9875 contal 4937	6) FEC 3/4 3/4 3/4	RF Scan Standard DVB-S2 DVB-S2 DVB-S2	Modulation BPSX BPSX BPSX BPSX	Spectral in Inverted Inverted Inverted	RollOff 0.20 0.20 0.20	Pilot 0 ON 0 ON 0	Coding CCM CCM CCM	RFLevel -51 dBm -49 dBm -49 dBm	SMR (10,8 dE 10,5 dE 9,2 dB 7,7 dB 8,3 dB	Image: Second
nner E. Ranges ny (MHz) Polari 91,566 Vertic 60,956 Horizi 69,976 Horizi 15,981 Horizi 81,963 Horizi	Eitzers tration SR (K5/ cal 3750 contal 9075 contal 4937 contal 4937	0 FEC 3/4 3/4 3/4 3/4	RF Scan Standard DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2	Modulation BPSX BPSX BPSX BPSX BPSX BPSX BPSX	Spectral In Inverted Inverted Inverted Inverted Inverted	RollOff 0.20 0.20 0.20 0.20 0.20	Pilot ON ON ON ON ON	Coding CCM CCM CCM CCM CCM CCM	RFLevel -51 dBm -49 dBm -49 dBm -49 dBm -49 dBm	SNR (10,8 dE 10,5 dE 9,2 dB 7,7 dB 8,3 dB 9,2 dB	Image: Second
Ranges kry (MHz) Polari 91,566 Vertic 60,906 Horizi 60,976 Horizi 61,963 Horizi 45,479 Horizi	Filters Filters SR (05) Coll 3750 Social 9075 Social 4937 Social 4937 Social 4937 Social 4937 Social 4937	6 FEC 3/4 3/4 3/4 3/4 3/4 5/6	RF Scan Standard DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2	Modulation BPSX BPSX BPSX BPSX BPSX BPSX BPSX BPSX	Spectral in Inverted Inverted Inverted Inverted Inverted	RollOff 0.20 0.20 0.20 0.20 0.20 0.20 0.20	Pilot ON ON ON ON ON ON	Coding CCM CCM CCM CCM CCM CCM CCM	BFLevel -51 dBm -49 dBm -49 dBm -49 dBm -49 dBm -49 dBm	SNR (10,8 df 10,5 df 9,2 df 9,2 df 9,2 df 9,2 df 10,6 df	Image: Section 1.00 Image: Section 1.00
Ranges ny (MHz) Polari 91,366 Vertic 60,906 Horizy 60,906 Horizy 61,903 Horizy 61,903 Horizy 61,943 Horizy 95,446 Horizy	Pitters Itzation SR (05/ coll 3750 contral 9075 contral 4937	8 FEC 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4	RF Scan Standard DVB-52 DVB-52 DVB-52 DVB-52 DVB-52 DVB-52 DVB-52	Modulation BP5X BP5X BP5X BP5X BP5X BP5X BP5X BP5X	Spectral In Inverted Inverted Inverted Inverted Inverted Inverted Inverted	RollOff 0.20 0.20 0.20 0.20 0.20 0.20 0.20	Pilot ON ON ON ON ON ON ON ON	Coding CCM CCM CCM CCM CCM CCM CCM CCM	RFLevel -51 dBm -49 dBm -49 dBm -49 dBm -49 dBm -49 dBm -49 dBm -49 dBm	SNR (0.8 df 10,5 df 9,2 db 7,7 dB 8,3 dB 9,2 dB 10,6 d8 9,4 dB	Image:
Ranges roy (MHz) Polari 91,566 Vertic 60,906 Horizi 60,906 Horizi 60,906 Horizi 60,906 Horizi 61,903 Horizi 61,903 Horizi 61,903 Horizi 30,744 Horizi 90,446 Horizi 91,446 Horizi	Extension SR (KS) (cal 3750 recental 9075 contal 4937 contal 4937 contal 4937 contal 4937 contal 4937	8 ■ 9 FEC 3/4 3/4 3/4 3/4 3/4 5/6 3/4 0,2 3/4	RF Scan Standard DVI5-52 DVI5-52 DVI5-52 DVI5-52 DVI5-52 DVI5-52 DVI5-52 DVI5-52 DVI5-52	Modulation BPSK BPSK BPSK BPSK BPSK BPSK BPSK BPSK	Spectral in Inverted Inverted Inverted Inverted Inverted Inverted Inverted Inverted	RollOff 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.	Pilot ON ON ON ON ON ON ON ON ON ON	Coding CCM CCM CCM CCM CCM CCM CCM CCM CCM	RFLevel -51 dBm -49 dBm -49 dBm -49 dBm -49 dBm -49 dBm -50 dBm	SNR (10,8 eff 10,5 eff 9,2 eff 7,7 eff 8,3 eff 9,2 eff 10,6 eff 9,4 eff 9,3 eff 9,3 eff	Image: All and the second s
Anner Ranges Angel Mileci 91,566 Vertic 91,566 Vertic 60,976 Horizu 60,976 Horizu 75,981 Horizu 45,479 Horizu 99,446 Horizu 99,446 Horizu 82,143 Horizu 82,143 Horizu	Extension SR (KS) (cal 3750 (contal 9075) contal 4937 contal 4937 contal 4937 contal 4937 contal 4937 (contal 4937 contal 14400 (contal 14400)	0 FEC 3/4 3/4 3/4 3/4 3/4 3/4 5/6 3/4 3/4 3/4 3/4 3/4 3/4 3/4	RF Scan Standard DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2 DVB-S2	Modulation BPSK BPSK BPSK BPSK BPSK BPSK BPSK BPSK	Spectral In Inverted Inverted Inverted Inverted Inverted Inverted Inverted Inverted Inverted	RollOff 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.	Pliat ON ON ON ON ON ON ON ON ON ON ON ON	Coding CCM CCM CCM CCM CCM CCM CCM CCM CCM	RFLmel -51 dbm -49 dbm -49 dbm -49 dbm -49 dbm -49 dbm -50 dbm -50 dbm -50 dbm	SNR (10,8 of 10,5 of 9,2 of 7,7 dB 8,3 dB 9,2 dB 10,6 dB 9,4 dB 9,3 dB 11,6 dB 9,5 dB	Image: Sector 1.00
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No reported yet (MBS: 0, BER: 0,0000000, Time to lock: 664 ms] Tuner info; 11130,744 Mitz; H, 14199,866 KS-5, DVB 52485K

Indien je in VLC een zwart scherm ziet dan duid dit erop dat het gaat om een gecodeerde feed (meestal BISS)

Succes !