



IQmonitor tool

stephan94 Jun 24th 2018



stephan94

[Moderator]

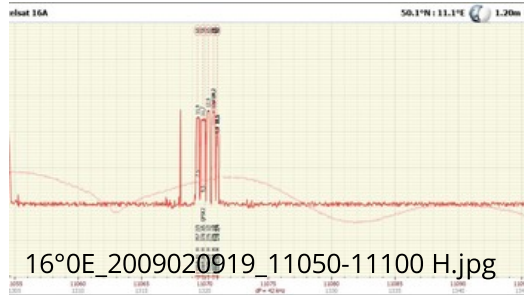
Reactions Received: 623
Posts: 1,057

Sep 3rd 2020

Hallo,
Eine probe mit der Version 2405 auf 16° Ost mit sehr kleinen SR.
Alles ist mit dem BS ohne Problem gefunden , einfach super .

A sample with version 2405 at 16 ° East with very small SR.
Everything is found with the OS without any problem, just great.

Images



197.38 kB 1,284×552 90

50.1°N :

LM	Pilot	Inv	CW	BR	Rof	SSTD	Coding
	On	On	1,796	5,57	0,2	DVB-S2	ACM
7,5	-	On	0,478	0,44	0,35	DVB-S	CCM
9,5	On	On	0,45	0,45	0,2	DVB-S2	ACM
10,2	-	On	0,369	0,25	0,35	DVB-S	CCM
10	-	On	0,369	0,25	0,35	DVB-S	CCM
5,1	-	On	0,238	0,24	0,35	DVB-S	CCM
7,5			9750000	10600000			

16°0E_2009020919.jpg

88.04 kB 936×199 87

Franzose in Franken
1.80m Ch.Master Revolver 5 LNB
IBU twin , Bulleye 10kHz, Kaosat 13K, Inverto KaKuband,Kaband (A)
TBS5925+6983; Openbox SX6 ; Edision MIO4K ;GTMedia V8 turbo



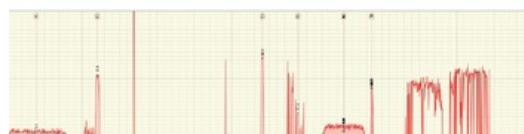
Lambda

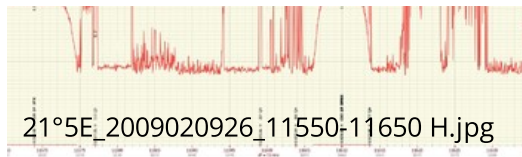
Reactions Received: 228
Posts: 180

Sep 4th 2020

I managed to capture the frequency of 11604 H, SR 186, LUXE radio on the satellite 21.5E with the beta version 2.4.0.5. It is a very difficult task, although it is an excellent signal.

Images





403.75 kB 2,053×768 91

LM	Pilot	Inv	CW	BR	Rof	SSTD	Codin
1.2	On	On	11.399	21.17	0.2	DVB-S2	ACMc
12.2	-	On	0.691	0.63	0.35	DVB-S	CCM
13.3	-	On	0.345	0.35	0.35	DVB-S	CCM
6.1	-	On	0.25	0.26	0.35	DVB-S	CCM
9.2	-	On	0.507	0.52	0.35	DVB-S	CCM
5.6			9750000	10600000			

21°E_2009020926.jpg 77.6 kB 936×185 77

Location: Croatia, Kutina

2,7m "Laminas" offset
 1.2m Echostar + 36V HH motor (93,5E-58W)
 0,75m Kathrain CAS75 offset + Premium X diseqc motor (90E-55,5W)
 Multi-Feed "Wave Frontier" Toroidal Antenna T90 (28,5E-0,8W)
 TBS5927;TBS5925;Octagon SF8008;DM8000



strannik

[Enlightened]

Reactions Received: 539
 Posts: 495

Sep 4th 2020

Quote from stephan94



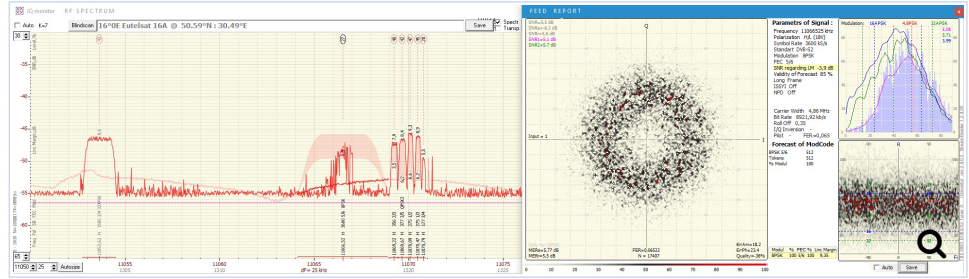
Hallo,
 Eine probe mit der Version 2405 auf 16° Ost mit sehr kleinen SR.
 Alles ist mit dem BS ohne Problem gefunden , einfach super .

A sample with version 2405 at 16 ° East with very small SR.

Mein Freund und Gleichgesinnter Stephan94 🤖🤖 hat ein wunderbares Talent, IQmonitor zum Testen zu finden sehr interessant, schwer zu empfangende Objekte.

11067 H tp B3 Europe A	(feeds)	DVB-S2	3600-9/10 8PSK		Jamie A 170509
11069.4 H tp B3 Europe A 47-48	Radio 10	F S	1010	53810-53810 4.4	Onacila 190109
	Radio 538	F S	5380	201 Dut	
11069.8 H tp B3 Europe A 47-48	Sky Radio (Netherlands)	F S	417	41378-41378 2.2	Onacila 190109
	Radio Veronica	F S	674	161 Dut	
11070.2 H tp B3 Europe A 47-48	Slam!	F S	274-1/2 170	1-17168 2.7 .4 Dut	Onacila 190110
	100% NL	F S	274-1/2 170	1-17152 2.7 .64 Dut	Onacila 190109
11070.9 H tp B3 Europe A 47-48	BNR Nieuwsradio	F S	176-3/4 17629	2-7 5.5 1015 Dut	Jamie A 200314

Ich war von diesem Experiment so beeindruckt, dass ich mich entschied, es zu wiederholen, obwohl meine Antenne die Hälfte der Aperturfläche hat und EIRP = 47 dBW in Kiev 2 dBW weniger ist als in Deutschland.



Trotz der Tatsache, dass der Signalpegel 3-5 dB niedriger war, wurden 6 Transponder im automatischen Modus gesperrt, und die 11067-MHz-Einspeisung wurde im "manuellen" Modus erkannt bei SNR 3,9 dB unter dem Sperrpegel. Die Zuverlässigkeit der Prognose betrug 85%, die Signalparameter dieses Feeds entsprechen den tabellarischen (außer FEC) 🤖

Original in russischer Sprache (<https://filatov-yuri.livejournal.com/2020/09/04/>)



Yuri Filatov (*strannik*)

<https://filatov-yuri.livejournal.com> (<https://filatov-yuri.livejournal.com>)



strannik

[Enlightened]

Sep 5th 2020

I continue to polish the IQmonitor 2405 program

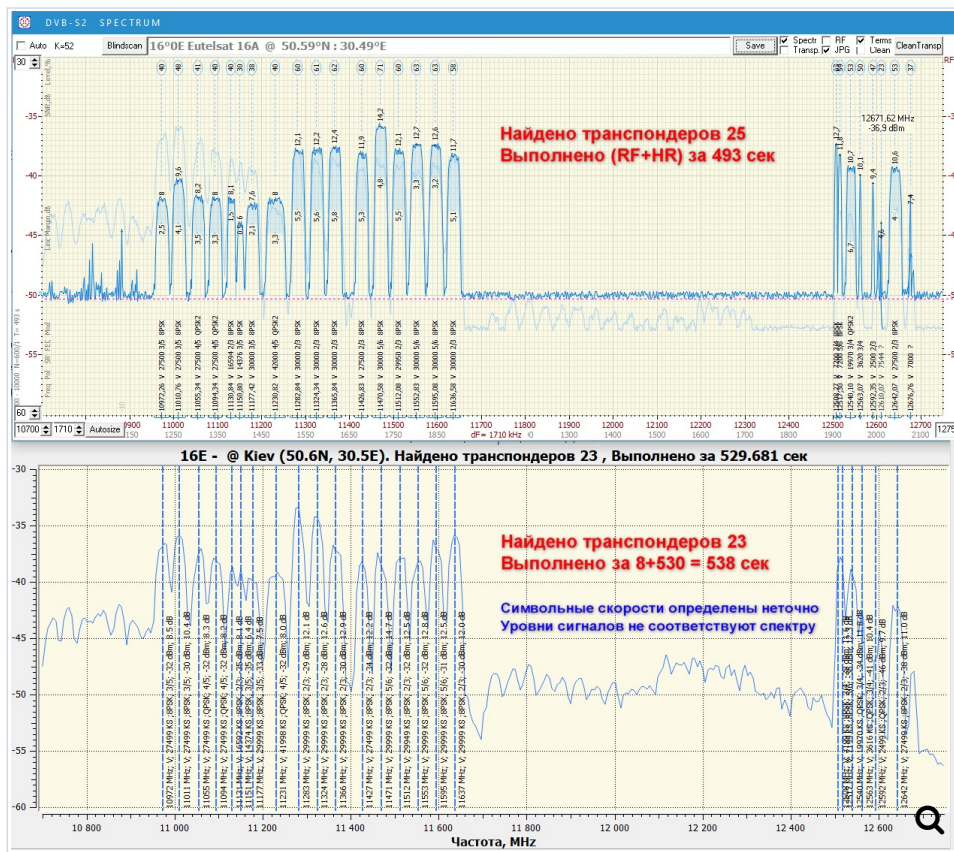
Pre-registration of the RF spectrum, which takes only 10 - 15 seconds, allows you to automatically set the transponder search threshold and significantly reduce the time for forming the HR spectrum.

For example, for the 16°E satellite, the registration time of RF and HR spectra (the operation is performed with one click on "Spectrum") was 493 seconds in total, 25 transponders were found with the OMICOM card.

The signal parameters are precisely defined. 🤖

Reactions Received: 539

Posts: 495



For comparison, scanning with the CrazyScan program took a total of 538 seconds (9% slower), only 23 transponders were found (the same 9% less)
 About the long-standing "disease" of the program, which underestimates SR and incorrectly signs the levels of all signals on the spectrum, I wrote repeatedly ... 🤪
 But, apparently, this abnormal situation suits everyone 🤔



. Yuri Filatov (*strannik*)

<https://filatov-yuri.livejournal.com> (<https://filatov-yuri.livejournal.com>)



Peon

Sep 6th 2020

Great job, Yuri. I'm looking forward to testing.

Quote from strannik

But, apparently, this abnormal situation suits everyone



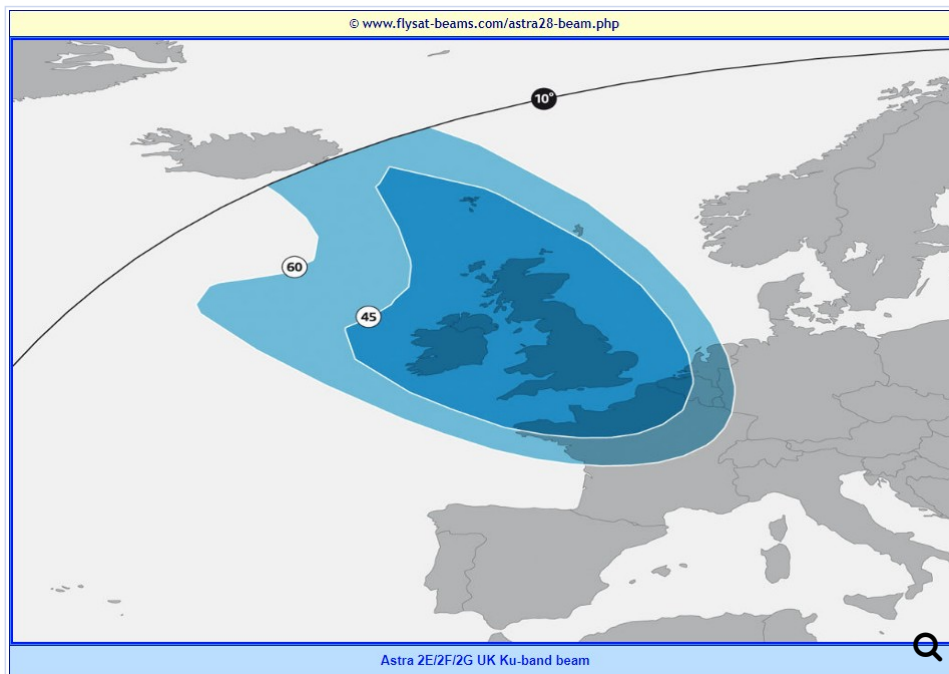
Reactions Received: 218
 Posts: 196

I pointed out this problem years ago. Unfortunately, Mr CrazyCat did not respond. 🤪

Geoposition: 48,71N, 21,92E. Promax Ranger Neo 2, TBS5925, TBS6983, TBS6903, TBS6903x, TBS6903x V2, TBS6522, TBS5520SE, TBS5927, TBS5590, Prof7301, PF 250cm, ADE antenna 370cm.

Full band LNBs: S, L, C: NJS8487S PLL ,X PLL, Ku NJR2842S PLL, full Ka band PLL, and other iron for DX reception, 53W - 98E.

Sep 7th 2020



Eleven transponders were found in automatic mode, another 11 - by double-clicking on the peaks of visually selected signals:

28°2E Astra 2E,2F,2G 50.5°N : 30.4°E 0.85m Inverto BU

Freq	Pol	SR	FEC	Modul	SNR	LM	Pilot	Inv	CW	BR	Rof	SSTD	Coding	Frame	ISSYI	NPD	Type of Stream
11037.8	V	22000	5/6		14.5	8	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11083	V	28168	7		4.3		-	-	38.027		0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11224.8	V	23000	2/3	8PSK	14.7	8.1	On	On	28.75	45.56	0.25	DVB-S2	ACMc	Long	Off	Off	Transport Single
11264.8	V	27500	2/3		11.3	6.9	-	On	37.125	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11478.8	V	22000	5/6		12.4	5.9	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11508.3	V	23000	2/3	8PSK	13.2	6.6	On	On	28.75	45.56	0.25	DVB-S2	ACMc	Long	Off	Off	Transport Single
11537.8	V	22000	5/6		13.8	7.3	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11567.3	V	22000	5/6		12.5	6	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11596.8	V	22000	5/6		13.1	6.6	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11626.3	V	22000	5/6		13.5	7	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11655.8	V	22000	5/6		12.7	6.2	-	On	29.7	33.79	0.35	DVB-S	CCM	Long	Off	Off	Transport Single
11685.3	V	23000	2/3	8PSK	13.9	7.3	On	On	31.05	45.56	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
11974	V	27500	5/6	8PSK	4.7	4.6	-	-	37.125	68.17	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12013.3	V	30000	3/4	8PSK	4.7	-3.2	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12050.9	V	30000	3/4	8PSK	4.7	-3.2	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12090.2	V	30000	3/4	8PSK	4.5	-3.4	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12168.9	V	30000	3/4	8PSK	4.3	-3.6	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12208.2	V	27500	5/6	8PSK	4	-5.3	-	-	37.125	68.17	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12247.6	V	30000	3/4	8PSK	4.7	-3.2	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12403.2	V	30000	3/4	8PSK	4.9	-3	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12481.8	V	30000	3/4	8PSK	4.6	-3.3	-	-	40.5	66.87	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single
12521	V	22500	9/10	16APSK	2.1	-11	On	On	30.375	26.75	0.35	DVB-S2	ACMc	Long	Off	Off	Transport Single

Locked 11 22 SNRav= 12.504 6.3 9750000 10600000
 V 22 Terms: Band=15; Step=10; MinLevel=-58; Noise=0.69dB 23:21 06.09
 H 0 OMICRON S2 PCI IQmonitor ver 2.4.0.5 StreamReader 1.2.4.99

It is easy to see that the parameters of transponders with SNR 4 - 4.9 dB are correctly determined at 3 - 5.3 dB below the lock threshold, but the real "icing on the cake" was the last 16APSK transponder with an SNR of only 2.1 dB, whose parameters correctly defined 11 dB below the lock threshold !!!

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73 Hendrik Turun 03.01.2020	12509 H DVB-S2/8PSK	3630 2/3 4610 3/4 7120 3/4 9600 3/4 9860 3/4	feed														2F European
73 Hendrik 04.08.2019	12512 H DVB-S2/8PSK	14400 3/4 15000 5/6	feed														2F European
73 Hendrik 11.08.2016	12515 H DVB-S2/QPSK	7500 3/5	MTA feed														2F European
73 William-1 26.08.2016	12518 H DVB-S2/8PSK	4800 3/4	feed														2F European
74 William-1 EnoSat 12.07.2015	12522 V DVB-S2/16APSK ACM/VCM	22500 9/10	Data														2F European

Before that, my best achievement was that the IQmonitor program correctly determined the parameters of the 32APSK signal at 9.5 dB below the lock threshold.

A new record of -11 dB is now set 🤖



Peon

Reactions Received:

218

Posts:

196

Sep 8th 2020

OK, same LNB but two different antennas. Are you sure that the Inverto irradiator is equally suitable for both antennas? This must also be taken into account. 🤔

Geoposition: 48,71N, 21,92E. Promax Ranger Neo 2, TBS5925, TBS6983, TBS6903, TBS6903x, TBS6903x V2, TBS6522, TBS5520SE, TBS5927, TBS5590, Prof7301, PF 250cm, ADE antenna 370cm. Full band LNBs: S, L, C: NJS8487S PLL ,X PLL, Ku NJR2842S PLL, full Ka band PLL, and other iron for DX reception, 53W - 98E.



strannik

[Enlightened]

Reactions Received:

539

Posts:

495

Sep 8th 2020

Quote from Lambda

Yesterday I made a comparison of two very similar offset antennas, the NoName 116cm and the Channel Master 120cm .. The smaller antenna gives about 0.3dB better average signal and seems to be of better quality. But when the same antennas are compared with the "beam pattern" function, a completely different result is obtained, the Channel Master reflector has significantly better directivity and efficiency. 2 different Diseqc motors, DM3800 and DM3800S, are used for the test, which is why there is a difference in the number of pulses per stage. An Inverto Black Ultra LNB is mounted on both antennas.



Lambda,

it is a very interesting experiment.



To give you a valid answer, I need 1MHz calibration curves and spectra from both antennas. In addition, photographs of antennas are needed, it is desirable that there are views in profile with the location of the lens in the plane of the antenna aperture.

Yuri Filatov (*strannik*)

<https://filatov-yuri.livejournal.com> (<https://filatov-yuri.livejournal.com>)



flie

[Expert]

Reactions Received:

480

Posts:

1,245

Sep 8th 2020

Quote from strannik

A new record of -11 dB is now set



the Best record I see before and with correct parameters was made by Stephan -8dB ! 🤔

RE: 24.8°W Alcomsat-1

this new record of -11 dB is extremely exceptional!!! 🤔👏
more success 🤔👏

Ku: 0.90m (Géant perforated dish) 63°West -70.5°East

Ku: 1.80m OS (Testing.....)
 C: 1.80m PF
 Ku-Band single LNBs: Teledes UNI 7475, Inverto Black ultra IDLB-SINL40
 Ka-Band LNB: TRIAX twin-ka TKT001
 C-Band LNB: Panorama ER861
 ku-extended LNBs: Bwei 9Ghz & 12.8Ghz
 C-extended LNB: Bwei 5750Mhz
 Tuner: TBS5927, TBS5520SE, TBS6903X, Skystar usb HD, GTmedia-V8-finder
 Location: 22.8N, 5.5E-Algeria



Lambda

Sep 13th 2020

My first test with IQ 2.4.0.5, comparison with the previous beta version ..

Images

Reactions Received:

228

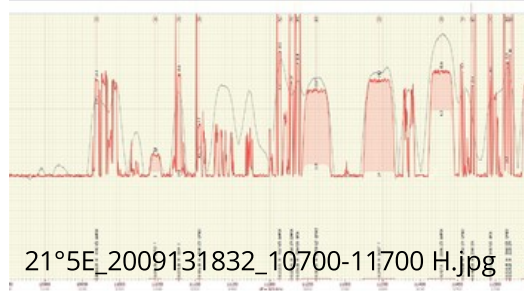
Posts:

180

telsat 21B												45.4°N : 16.7°E			
SR	FEC	Modul	SNR	LM	Pilot	Law	CV	SR	Ref	SSTD	Coding	Frame	ISSVI	SFD	Ty
790	4/5	16APSK	14.4	3.4	On	On	5.747	15.26	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
790	?	?	3.3	3	Off	On	16.546		0.2	DVB-S2	ACMc	Short	Off	Off	TS[
833	?	?	15.1	14.8	Off	On	7.873		0.35	DVB-S2	ACMc	Short	Off	Off	TS[
540	2/3	QPSK2	7.7	4.6	Off	On	5.447	6.01	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
167	8/9	16APSK	18.5	5.3	On	On	4.999	14.71	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
168	3/4	32APSK	14	?	On	On	3.8	11.78	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
594	5/6	8PSK	16.8	7.4	Off	On	3.099	6.4	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
000	?	?	14.3	14	Off	On	43.195		0.2	DVB-S2	ACMc	Short	Off	Off	TS[
000	2/3	16APSK	15.6	6.3	On	On	35.996	79.4	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
250	3/4	QPSK2	15.5	11.5	Off	On	1.499	1.86	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
200	3/4	?	13.4	7.9	-	On	2.969	3.04	0.35	DVB-S	CCMc	Long	Off	Off	Tra
430	5/6	8PSK	14.9	5.5	Off	On	1.786	3.54	0.25	DVB-S2	ACMc	Long	Off	Off	Tra
992	3/5	QPSK2	16.9	14.7	Off	Off	4.788	4.74	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
220	3/4	?	18	12.5	-	On	2.996	3.07	0.35	DVB-S	CCMc	Long	Off	Off	Tra
550	8/9	8PSK	13.8	2.8	On	On	18.658	41.16	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
500	3/4	8PSK	8.8	?	On	On	11.399	21.17	0.2	DVB-S2	ACMc	Long	Off	Off	Tra
364	2/3	16APSK	9.8	?	On	On	7.636	16.84	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
220	5/6	8PSK	15.8	6.4	On	On	4.024	7.98	0.25	DVB-S2	ACMc	Long	Off	Off	Tra
000	3/4	8PSK	16	7.8	On	On	1.199	2.23	0.2	DVB-S2	ACMc	Short	Off	Off	TS[
853	?	?	16	?	Off	On	1.199	2.23	0.2	DVB-S2	ACMc	Long	Off	Off	Tra

21°5E_2009131832.jpg

202.58 kB 936x395 77



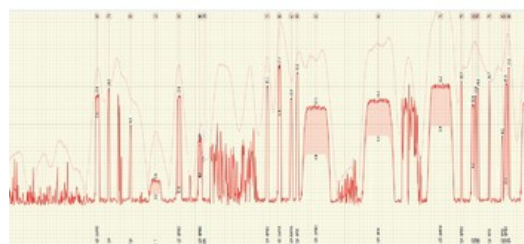
21°5E_2009131832_10700-11700 H.jpg

488.26 kB 2,049x769 75

Eutelsat 21B												16.7°N : 45.4°E		3.0m + 180		
Freq	SR	FEC	Modul	SNR	LM	Pilot	Law	CV	SR	Ref	SSTD	Coding	Frame	ISSVI	SFD	Type of Stream
19948	4/5	16APSK	13.8	2.8	On	On	5.747	15.26	0.2	DVB-S2	ACMc	Long	Off	On	Transport	Sample
19944	2/3	QPSK2	14.8	9.3	-	On	3.949	3.84	0.35	DVB-S	CCMc	Long	Off	Off	Transport	Sample
11013	5/6	8PSK	9.9	3.4	-	On	2.949	3.38	0.35	DVB-S	CCMc	Long	Off	Off	Transport	Sample
11044	2/3	QPSK2	11.8	12.8	Off	On	1.543	1.83	0.2	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11078	8/9	16APSK	17.7	8.4	Off	On	7.873	5.77	0.35	DVB-S2	ACMc	Long	Off	Off	TS[1] S	
11096	4/5	16APSK	17.7	8.4	Off	On	1.497	6.83	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11112	3/4	QPSK2	11.1	11.1	Off	On	3.999	4.74	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11196	3/4	QPSK2	11.1	11.1	Off	On	3.999	4.74	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11212	4/5	16APSK	17.7	8.4	Off	On	4.999	13.28	0.2	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11238	3/4	16APSK	15.2	5.9	On	On	43.195	85.74	0.2	DVB-S2	ACMc	Long	Off	Off	TS[1] S 254	
11236	5/6	8PSK	16.8	7.4	Off	On	3.099	6.4	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11448	8/9	16APSK	17.7	8.4	Off	On	1.497	6.83	0.2	DVB-S2	ACMc	Long	Off	Off	TS[1] S	
11427	3/4	16APSK	15.2	5.9	On	On	35.996	79.4	0.2	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11471	2/3	QPSK2	11.8	12.8	Off	On	1.543	1.83	0.2	DVB-S2	ACMc	Short	Off	Off	Transport	Sample
11470	2/3	QPSK2	11.8	12.8	Off	On	1.543	1.83	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11478	3/4	QPSK2	11.8	12.8	Off	On	1.543	1.83	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11478	3/4	QPSK2	11.8	12.8	Off	On	1.543	1.83	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11493	4/5	16APSK	17.7	8.4	Off	On	1.786	3.54	0.25	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11510	2/3	QPSK2	11.8	12.8	Off	On	2.777	4.4	0.25	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11515	3/4	QPSK2	11.8	12.8	Off	On	2.777	4.4	0.25	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11519	2/3	QPSK2	11.8	12.8	Off	On	2.996	3.07	0.35	DVB-S	CCMc	Long	Off	Off	Transport	Sample
11544	8/9	16APSK	17.7	8.4	Off	On	18.658	41.16	0.2	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11548	8/9	16APSK	17.7	8.4	Off	On	12.823	21.17	0.2	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11576	5/6	8PSK	16.8	7.4	Off	On	3.999	6.4	0.2	DVB-S2	ACMc	Short	Off	Off	Transport	Sample
11598	2/3	QPSK2	11.8	12.8	Off	On	0.345	0.35	0.35	DVB-S	CCMc	Long	Off	Off	Transport	Sample
11609	4/5	16APSK	17.7	8.4	Off	On	1.9	2.8	0.2	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11691	5/6	8PSK	16.8	7.4	Off	On	4.024	7.98	0.25	DVB-S2	ACMc	Long	Off	Off	Transport	Sample
11717	5/6	8PSK	16.8	7.4	Off	On	4.024	7.98	0.25	DVB-S2	ACMc	Short	Off	Off	TS[1] S	
11717	5/6	8PSK	16.8	7.4	Off	On	4.024	7.98	0.25	DVB-S2	ACMc	Long	Off	Off	Transport	Sample

21°5E_2009131937.jpg

279.03 kB 936x521 62





508.94 kB 2,050×771 75

Location: Croatia, Kutina

2,7m "Laminas" offset
1.2m Echostar + 36V HH motor (93,5E-58W)
0,75m Kathrain CAS75 offset + Premium X diseqc motor (90E-55,5W)
Multi-Feed "Wave Frontier" Toroidal Antenna T90 (28,5E-0,8W)
TBS5927;TBS5925;Octagon SF8008;DM8000

Edited once, last by Lambda (Sep 13th 2020).



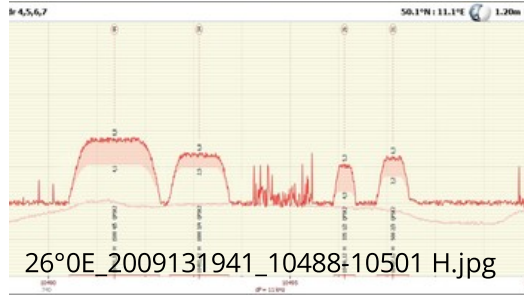
stephan94
[Moderator]

Sep 13th 2020

Hallo ,
Auch mit 26° Ost bei den funkamateuren kann man ganz gut was finden ; mit dem neuen 2405
Even with 26 ° East and the radio amateurs, you can find something quite easily; with the new
2405

Images

Reactions Received: 623
Posts: 1,057



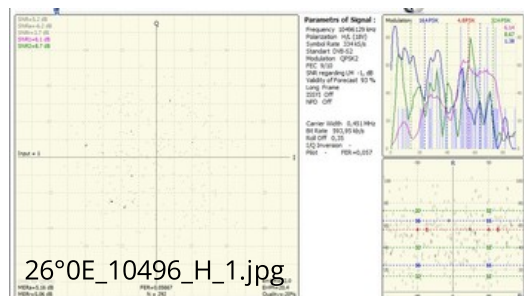
182.71 kB 1,284×552 73

50.1°N :

LM	Pilot	Inv	CW	BR	Ref	SSTD	Codin
4,1	Off	On	1,874	2,38	0,25	DVB-S2	ACMc
2,5	On	On	1,249	1,49	0,25	DVB-S2	ACMc
4,3	Off	On	0,449	0,33	0,35	DVB-S2	ACMc
3,2	Off	On	0,674	0,66	0,35	DVB-S2	ACMc
3,5			9750000	9750000			

2.4.0.5 StreamRea

73.1 kB 936×171 78



157.94 kB 940×587 73



Lambda

Reactions Received:

228

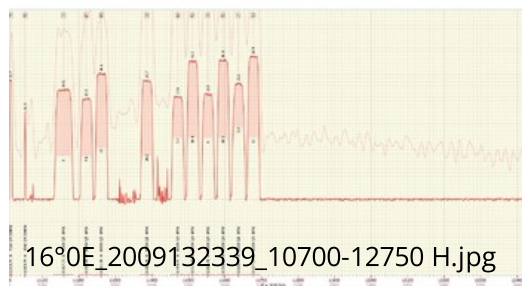
Posts:

180

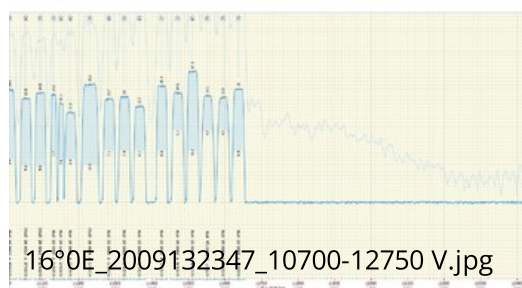
Sep 13th 2020

I cannot set the first classical spectrum and the HR spectrum to the same initial value. What's wrong?

Images



487.93 kB 1,280×720 71



473.98 kB 2,047×769 66

Location: Croatia, Kutina

 2,7m "Laminas" offset
 1.2m Echostar + 36V HH motor (93,5E-58W)
 0,75m Kathrain CAS75 offset + Premium X diseqc motor (90E-55,5W)
 Multi-Feed "Wave Frontier" Toroidal Antenna T90 (28,5E-0,8W)
 TBS5927;TBS5925;Octagon SF8008;DM8000

Sep 14th 2020



Lambda

Reactions Received:

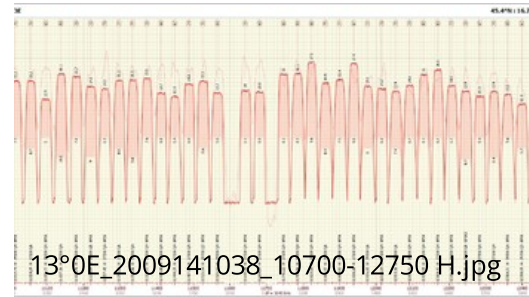
228

Posts:

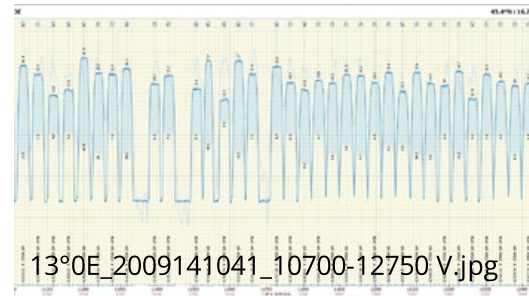
180

I did a little more research on the new version. The test at 13E/19.2E shows a fantastic speed of the HR spectrum. In order for the RF spectrum and HR spectrum to be the correct size as soon as I start the spectrum I have to manually turn on the "Auto" scale function, I think it would be easier if IQ does it automatically. The "Min. Level RF" function is always smaller by 3dB compared to "Noise", I think that for a nicer display these values should be the same

Images



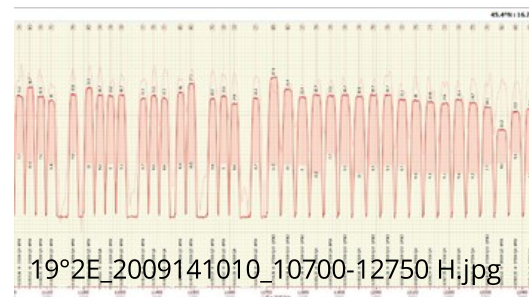
543.81 kB 2,047×769 64



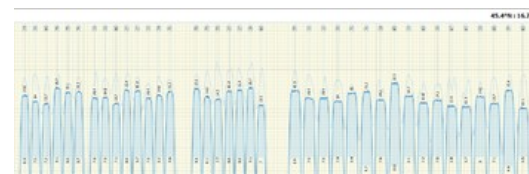
543.9 kB 2,047×769 74



526.09 kB 936×885 75



569.44 kB 2,047×769 62



21°5E_2009141134_10700-12750 V.jpg

446.93 kB 2,047×769 64

Location: Croatia, Kutina

2,7m "Laminas" offset

1.2m Echostar + 36V HH motor (93,5E-58W)

0,75m Kathrain CAS75 offset + Premium X diseqc motor (90E-55,5W)

Multi-Feed "Wave Frontier" Toroidal Antenna T90 (28,5E-0,8W)

TBS5927;TBS5925;Octagon SF8008;DM8000

Edited 2 times, last by Lambda (Sep 14th 2020).



stephan94

[Moderator]

Sep 14th 2020

Hallo

Ich habe auch bei dem 21,5 Ost probiert .

Hier sind meine Ergebnis.

I also tried the 21.5 East.

Here are my results.

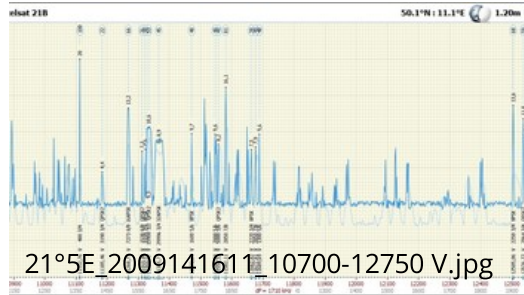
Images

Reactions Received:

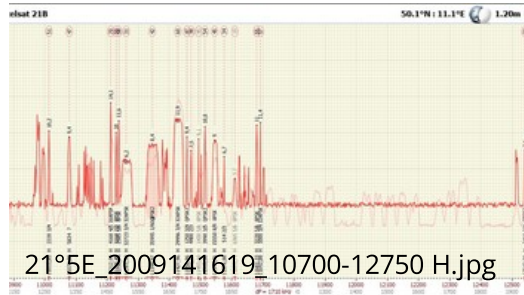
623

Posts:

1,057



270.21 kB 1,284×552 65



269.81 kB 1,284×552 62

Franzose in Franken

1.80m Ch.Master Revolver 5 LNB

IBU twin , Bulleye 10kHz, Kaonsat 13K, Inverto KaKuband,Kaband (A)

TBS5925+6983; Openbox SX6 ; Edision MIO4K ;GTMedia V8 turbo

Sep 14th 2020

Test IQ 2.4.0.5 on satellite 4.8E with 3 different antennas, 116cm, 120cm and 300cm



Lambda

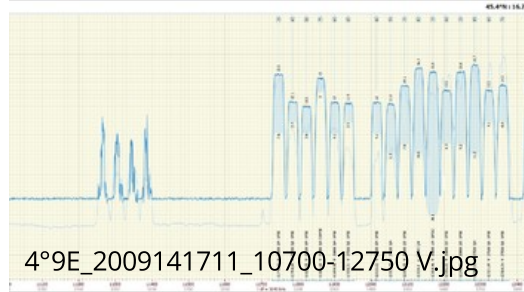
Reactions Received:

228

Posts:

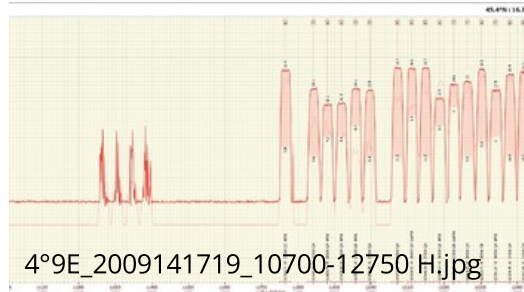
180

Images



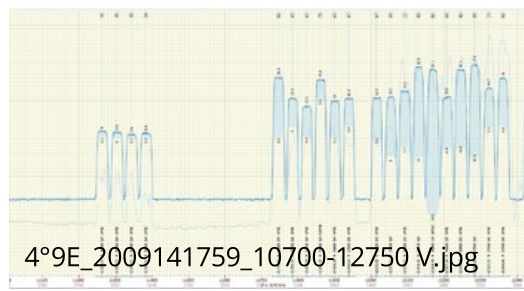
4°9E_2009141711_10700-12750 V.jpg

454.66 kB 2,047×769 70



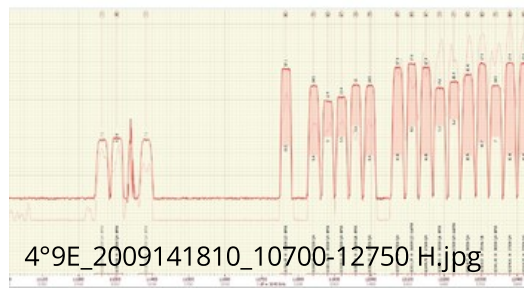
4°9E_2009141719_10700-12750 H.jpg

464.75 kB 2,047×769 78



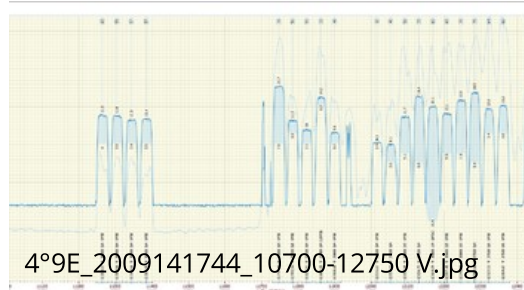
4°9E_2009141759_10700-12750 V.jpg

470.04 kB 2,047×769 61



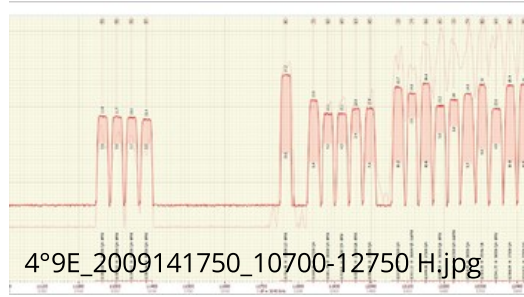
4°9E_2009141810_10700-12750 H.jpg

476.29 kB 2,047×769 69



4°9E_2009141744_10700-12750 V.jpg

470.31 kB 2,047x769 73



480.76 kB 2,047x769 68

Location: Croatia, Kutina

- 2,7m "Laminas" offset
- 1.2m Echostar + 36V HH motor (93,5E-58W)
- 0,75m Kathrain CAS75 offset + Premium X diseqc motor (90E-55,5W)
- Multi-Feed "Wave Frontier" Toroidal Antenna T90 (28,5E-0,8W)
- TBS5927;TBS5925;Octagon SF8008;DM8000



stephan94
[Moderator]

Sep 17th 2020

Hallo ,
Ein Test auf 15° West mit der Version 2405
in spectrum +IQ Blindscan und auch nur mit dem Blindscan.

A test on 15 ° West with version 2405
in spectrum + IQ blind scan and also only with the blind scan.

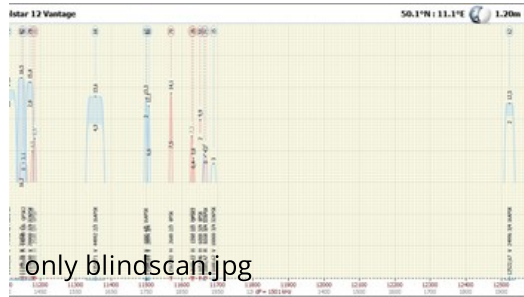
Images

Reactions Received:

623

Posts:

1,057



255.73 kB 1,284x552 64

15°W Telstar 12 Vantage 50.1°N: 11.1°E 1.20m Edition QLS-4

Freq	Mod	SR	FEC	Modul	QPSK	LR	Pilot	Tau	CR	Bit	QPSK	Coding	Frame	TS/TS1	SPD	Type of Stream	
10965	W	3564	3/4	QPSK	6.4	-	On	2.999	2.15	0.35	DVB-S2	QCK	Long	061	041	Transport Simple	
10971	W	23746	3/4	32APSK	6.1	-	On	28.494	88.33	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
10974	W	2763	3/4	QPSK	6.4	-	On	3.999	4.1	0.35	DVB-S2	QCK	Long	061	041	TS(1) 0	
11013	W	51410	3/4	QPSK	6.4	2.6	On	49.415	76.51	0.35	DVB-S2	ACK	Long	061	041	TS(1) 0	
11081	W	5080	3/4	QPSK	6.4	-	On	5.999	7.44	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11108	W	44992	3/4	32APSK	14.4	1.6	On	53.989	147.39	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11146	W	21414	3/4	QPSK	6.4	-	On	28.922	52.93	0.35	DVB-S2	ACK	Short	061	041	TS(1) 0	
11153	W	17640	3/4	QPSK	6.4	-	On	23.425	43.88	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11170	W	20580	2/3	16APSK	16.2	6.3	On	19.929	32.93	0.35	DVB-S2	ACK	Short	061	041	TS(1) 0	
11214	W	44992	3/4	QPSK	6.4	5.5	Off	041	3.974	4.14	0.35	DVB-S2	ACK	Short	061	041	TS(1) 0
11254	W	44992	3/4	16APSK	16.2	6.3	On	19.929	32.93	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11440	W	1080	3/4	QPSK	12.8	6.6	On	1.199	1.49	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11490	W	1890	3/4	QPSK	12.8	6.6	On	2.264	4.25	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11505	W	2894	3/4	QPSK	12.8	6.7	-	On	3.995	4	0.35	DVB-S2	QCK	Long	061	041	Transport Simple
11518	W	1080	3/4	QPSK	12.8	6.7	-	On	1.199	1.49	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0
11567	W	2680	2/3	QPSK	12.8	7.3	On	2.247	5.2	0.35	DVB-S2	ACK	Long	061	041	Transport Simple	
11632	W	1200	3/4	16APSK	16.2	6.3	Off	041	1.416	1.19	0.35	DVB-S2	ACK	Short	061	041	TS(1) 0
11636	W	3515	3/4	QPSK	12.8	7.3	On	4.245	4.23	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
11645	W	8200	2/3	16APSK	16.2	6.3	On	11.047	21.7	0.35	DVB-S2	ACK	Short	061	041	TS(1) 0	
11649	W	5080	3/4	16APSK	16.2	2.3	On	4.979	7.59	0.35	DVB-S2	ACK	Long	061	041	TS(1) 0	
11689	W	24996	2/3	QPSK	12.8	5.9	On	29.994	49.52	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
12040	W	3480	3/4	QPSK	12.8	6.3	On	4.979	7.59	0.2	DVB-S2	ACK	Long	061	041	Transport Simple	
12074	W	44992	3/4	QPSK	14.4	9.4	On	53.999	146.46	0.2	DVB-S2	ACK	Short	061	041	Continuous Simple	
12089	W	7012	3/4	QPSK	12.8	6.3	-	On	19.195	19.44	0.35	DVB-S2	QCK	Long	061	041	Transport Simple
12819	W	3240	3/4	QPSK	11.8	3.9	Off	041	3.887	7.22	0.2	DVB-S2	QCK	Long	061	041	TS(1) 0
12951	W	3415	3/4	16APSK	16.2	6.3	On	4.105	14.2	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0	
12971	W	7740	3/4	QPSK	12.8	6.3	On	28.413	84.9	0.35	DVB-S2	ACK	Long	061	041	Transport Simple	

transponder only blindscan.jpg

276.51 kB 936x521 60

15°W Telstar 12 Vantage 50.1°N: 11.1°E 1.20m Edition QLS-4

Freq	Mod	SR	FEC	Modul	QPSK	LR	Pilot	Tau	CR	Bit	QPSK	Coding	Frame	TS/TS1	SPD	Type of Stream
10965	W	3564	3/4	QPSK	6.4	-	On	2.999	2.15	0.35	DVB-S2	QCK	Long	061	041	Transport Simple
10971	W	23746	3/4	32APSK	6.1	6.7	On	28.494	23.46	0.2	DVB-S2	ACK	Short	061	041	TS(1) 0
10974	W	2763	3/4	QPSK	6.4	5.7	On	3.999	4.1	0.35	DVB-S2	QCK	Long	061	041	Transport Simple
11013	W	51410	3/4	QPSK	6.4	9.1	On	49.417	25.25	0.35	DVB-S2	ACK	Long	061	041	TS(1) 0

584.27 kB 1,284x1,109 82

ress AMB 50.1°N: 11.1°E 1.20m

FEC	Modul	SNR	LM	Pilot	Invr	CW	BR	Rot	SSTD	Coding	Frame	ISSVI	NFD
6	3/4	11.4	5.9	-	On	2.099	2.15	0.35	DVB-S	CCM	Long	Off	Off
3	3/4	11.3	5.8	-	On	3.999	4.1	0.35	DVB-S	CCM	Long	Off	Off
0	5/6	OPSK2	6	Off	Off	4.859	5.96	0.35	DVB-S2	ACM	Short	Off	Off
0	5/6	OPSK2	6	Off	Off	4.859	5.96	0.35	DVB-S2	ACM	Short	Off	Off
0	2/3	16APSK	8	On	On	23.625	52.11	0.2	DVB-S2	ACM	Short	Off	Off
0	2/3	8PSK	10	On	On	2.06	3.4	0.2	DVB-S2	ACM	Short	Off	Off
0	3/4	4.3	-	On	On	4.049	4.15	0.35	DVB-S	CCM	Long	Off	Off
0	3/4	8PSK	3	Off	Off	2.159	3.56	0.35	DVB-S2	ACM	Short	Off	Off
3	3/4	OPSK2	6	On	On	1.25	1.55	0.2	DVB-S2	ACM	Short	Off	Off
0	4/5	16APSK	5	On	On	8.398	22.3	0.2	DVB-S2	ACM	Short	Off	Off
2	3/4	OPSK2	6	Off	Off	4.033	5	0.2	DVB-S2	ACM	Long	Off	Off
0	1/2	OPSK2	10	On	On	2.267	1.66	0.35	DVB-S2	ACM	Short	Off	Off
0	1/2	OPSK2	9	On	On	1.295	1.07	0.2	DVB-S2	ACM	Short	Off	Off
4	3/5	OPSK2	13	On	On	1.299	1.29	0.2	DVB-S2	ACM	Short	Off	Off
0	2/3	OPSK2	12	On	On	1.619	1.59	0.35	DVB-S2	ACM	Short	Off	Off
5	3/4	32APSK	12	On	On	4.265	13.22	0.2	DVB-S2	ACM	Short	Off	Off
0	3/4	32APSK	5	On	On	1.199	3.72	0.2	DVB-S2	ACM	Short	Off	Off
0	3/4	8PSK	17	On	On	7.158	13.37	0.2	DVB-S2	ACM	Long	Off	Off
0	3/4	32APSK	12	On	On	9.838	30.5	0.2	DVB-S2	ACM	Short	Off	Off

14°0W_all.jpg 9750000 1060000

TBS 6983 DVB-S2 Tuner IQmonitor ver 2.4.0.5 StressReader 1.2.4.99

193.55 kB 936x381 69

ress AMB 50.1°N: 11.1°E 1.20m

FEC	Modul	SNR	LM	Pilot	Invr	CW	BR	Rot	SSTD	Coding	Frame	ISSVI	NFD
6	3/4	19.6	14.1	-	On	2.101	2.15	0.35	DVB-S	CCM	Long	Off	Off
3	3/4	11.7	6.2	-	On	4.25	4.1	0.35	DVB-S	CCM	Long	Off	Off
0	5/6	OPSK2	4	Off	Off	4.86	5.96	0.35	DVB-S2	ACM	Short	Off	Off
0	5/6	OPSK2	6	On	On	6	8.27	0.2	DVB-S2	ACM	Short	Off	Off
0	2/3	OPSK2	8	On	On	23.628	26.05	0.2	DVB-S2	ACM	Short	Off	Off
8	3/4	32APSK	10	On	On	2.062	6.38	0.2	DVB-S2	ACM	Short	Off	Off
0	5/6	OPSK2	13	On	On	3.375	4.14	0.35	DVB-S2	ACM	Short	Off	Off
0	3/4	-10	-	On	On	4.05	4.15	0.35	DVB-S	CCM	Long	Off	Off
8	2/3	16APSK	6	On	On	5.218	11.51	0.2	DVB-S2	ACM	Short	Off	Off
3	3/4	8PSK	6	On	On	1.252	2.32	0.2	DVB-S2	ACM	Short	Off	Off
0	2/3	16APSK	5	On	On	8	18.52	0.2	DVB-S2	ACM	Short	Off	Off
2	3/4	OPSK2	7	Off	Off	4.034	5	0.2	DVB-S2	ACM	Long	Off	Off
0	1/2	OPSK2	10	On	On	2.268	1.66	0.35	DVB-S2	ACM	Short	Off	Off
0	3/4	32APSK	8	On	On	1.296	4.01	0.2	DVB-S2	ACM	Short	Off	Off
4	3/4	32APSK	12	On	On	1.301	4.03	0.2	DVB-S2	ACM	Short	Off	Off
0	2/3	OPSK2	8	On	On	1.62	1.59	0.35	DVB-S2	ACM	Short	Off	Off
5	1/2	OPSK2	7	On	On	4.266	3.51	0.2	DVB-S2	ACM	Short	Off	Off
0	3/4	8PSK	17	On	On	7.2	13.37	0.2	DVB-S2	ACM	Long	Off	Off
0	3/4	32APSK	12	On	On	11.07	30.5	0.35	DVB-S2	ACM	Short	Off	Off

14°0W_only.bs.jpg 1060000

TBS 6983 DVB-S2 Tuner IQmonitor ver 2.4.0.5 StressReader 1.2.4.99

193.02 kB 936x381 62

Franzose in Franken
 1.80m Ch.Master Revolver 5 LNB
 IBU twin , Bulleye 10kHz, Kaonsat 13K, Inverto KaKuband,Kaband (A)
 TBS5925+6983; Openbox SX6 ; Edison MIO4K ;GTMedia V8 turbo

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