PRELIMINARY REPORT OF 060316

last update on Thu Mar 16 17:24:28 GMT 2006

1 - Introduction

This report is based on the analysis of wave mode level-1 cross spectra (ASA_WVS_1P), global monitoring products (ASA_GM1_1P), which are the available few hours after the acquisition, on the browse (BP) products and
on the Module Stepping (MS) product.

2 - Summary

2.1 - Instrument Unavailability

No unavailabilities during the reported period.

2.2 - Auxiliary files

Summary of the auxiliary files used from 2006-03-15 00:00:00 to 2006-03-16 17:24:28

PDHS-K					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	43	60	10	0	22
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	43	60	10	0	22
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	43	60	10	0	22
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	43	60	10	0	22

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	43	44	32	18	62
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	43	44	32	18	62
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	43	44	32	18	62
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	43	44	32	18	62

2.3 - Browse Visual Inspection

No anomalies observed on available browse products

2.4 - Data Analysis

-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

3 - Module Stepping Mode

No anomalies observed on available MS products:

Polarisation	Start Time
V	20060315 170153
H	20060316 062640

MSM in V/V polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference
☒	☒
☒	☒
☒	☒
☒	☒

MSM in H/H polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference

4 - Internal calibration Results

No anomalies observed.

4.1 - Daily statistics

4.1.1 - Evolution for WVS

Evolution of cal pulses for WVS

4.1.2 - Evolution for GM1

Evolution of cal pulses for GM1

4.2 - Cyclic statistics

4.2.1 - Evolution for WVS

Evolution of cal pulses for WVS

P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-4.002798	0.009403	0.001845
7	P1	-3.005432	0.008672	-0.027892
11	P1	-4.063622	0.020560	0.035245
15	P1	-6.081174	0.021572	-0.049011
19	P1	-3.289123	0.006594	-0.034196
22	P1	-4.458546	0.014898	-0.008133
26	P1	-4.195654	0.103697	0.109956
30	P1	-5.801650	0.144996	-0.003453
3	P1	-16.981045	0.248904	0.007934
7	P1	-16.712294	0.101419	-0.125386
11	P1	-16.498264	0.324569	0.084981
15	P1	-13.057100	0.095066	0.006308
19	P1	-13.932277	0.054404	-0.096546
22	P1	-15.582446	0.467245	0.010478
26	P1	-15.767494	0.304224	-0.049362
30	P1	-16.496714	0.305607	-0.108300

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.405851	0.087272	0.106293
7	P2	-22.378437	0.095307	0.102590
11	P2	-16.228180	0.100494	0.046112
15	P2	-7.165401	0.098784	0.011429
19	P2	-9.132959	0.091031	0.010269
22	P2	-17.939140	0.089223	-0.039004
26	P2	-16.210461	0.094416	-0.017237
30	P2	-19.646687	0.084183	-0.025347

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.193946	0.005952	0.002203
7	P3	-8.193946	0.005952	0.002203
11	P3	-8.193946	0.005952	0.002203
15	P3	-8.193946	0.005952	0.002203
19	P3	-8.193946	0.005952	0.002203
22	P3	-8.193946	0.005952	0.002203
26	P3	-8.193946	0.005952	0.002203
30	P3	-8.193946	0.005952	0.002203

4.2.2 - Evolution for GM1

Evolution of cal pulses for GM1


P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.840489	3.123280	0.224628
7	P1	-2.831794	3.278313	0.292248
11	P1	-3.020689	3.300746	0.257067
15	P1	-3.665356	3.272315	0.275822
19	P1	-3.467314	3.170762	0.219092
22	P1	-5.262230	2.914030	0.207917
26	P1	-5.948542	3.097346	0.414433
30	P1	-5.287634	2.948105	0.275040
3	P1	-11.640100	2.052220	0.198266
7	P1	-10.038489	2.273247	0.184990
11	P1	-10.335855	2.265243	0.121917
15	P1	-10.880764	2.273786	0.145830
19	P1	-15.467933	1.674229	0.122764
22	P1	-20.310942	2.300745	0.121098

26	P1	-16.316759	2.181796	0.130702
30	P1	-18.357971	1.569467	0.137740

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.103477	2.158725	0.132465
7	P2	-22.547956	2.523701	-0.036545
11	P2	-11.276808	2.343995	0.159921
15	P2	-4.913976	3.045750	0.223516
19	P2	-6.923433	2.741397	0.216140
22	P2	-8.211985	2.571559	0.166949
26	P2	-23.894228	2.586226	-0.208842
30	P2	-22.035593	2.441926	-0.114672

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.023178	0.002478	0.010932
7	P3	-8.023193	0.002472	0.010830
11	P3	-8.023172	0.002482	0.010954
15	P3	-8.023324	0.002476	0.010478
19	P3	-8.023199	0.002485	0.010742
22	P3	-8.023293	0.002473	0.010645
26	P3	-8.023298	0.002473	0.011068
30	P3	-8.023153	0.002478	0.010977

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

☒

4.3.2 - Evolution for GM1

☒

5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000555021
	stdev	1.76195e-07
MEAN Q	mean	0.000514072
	stdev	2.21723e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.138089
	stdev	0.00119183
STDEV Q	mean	0.138450
	stdev	0.00120981

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006031[456]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20060314_134140_000000372046_00010_21106_0829.N1	1	0
ASA_IMM_1PNPDE20060314_153600_000000352046_00011_21107_0830.N1	1	0
ASA_IMM_1PNPDE20060315_004510_000001932046_00016_21112_0858.N1	1	0
ASA_IMM_1PNPDE20060315_155429_000000372046_00026_21122_0885.N1	1	0
ASA_IMM_1PNPDK20060315_124554_000000702046_00024_21120_0330.N1	1	0

ASA_WVS_1PNPDE20060315_003528_000000002046_00016_21112_0236.N1	1	0
ASA_GM1_1PNPDK20060314_155431_000003742046_00011_21107_0319.N1	0	17
ASA_WSM_1PNPDE20060314_135201_000000852046_00010_21106_0704.N1	0	29
ASA_WSM_1PNPDE20060315_030808_000001832046_00018_21114_0795.N1	0	1
ASA_WSM_1PNPDE20060315_160013_000001282046_00026_21122_0852.N1	0	70

7 - Doppler Analysis

Preliminary report.The data is not yet controled

7.1 - Unbiased Doppler Error for WVS

Evolution of unbiased Doppler error (Real - Expected)
Acsending
Descending

7.2 - Absolute Doppler for WVS

Evolution of Absolute Doppler
Acsending
Descending

7.3 - Doppler evolution versus ANX for WVS

Evolution Doppler error versus ANX

7.4 - Unbiased Doppler Error for GM1

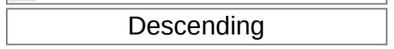
Evolution of unbiased Doppler error (Real - Expected)

Acsending

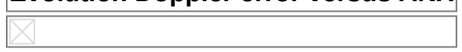
Descending

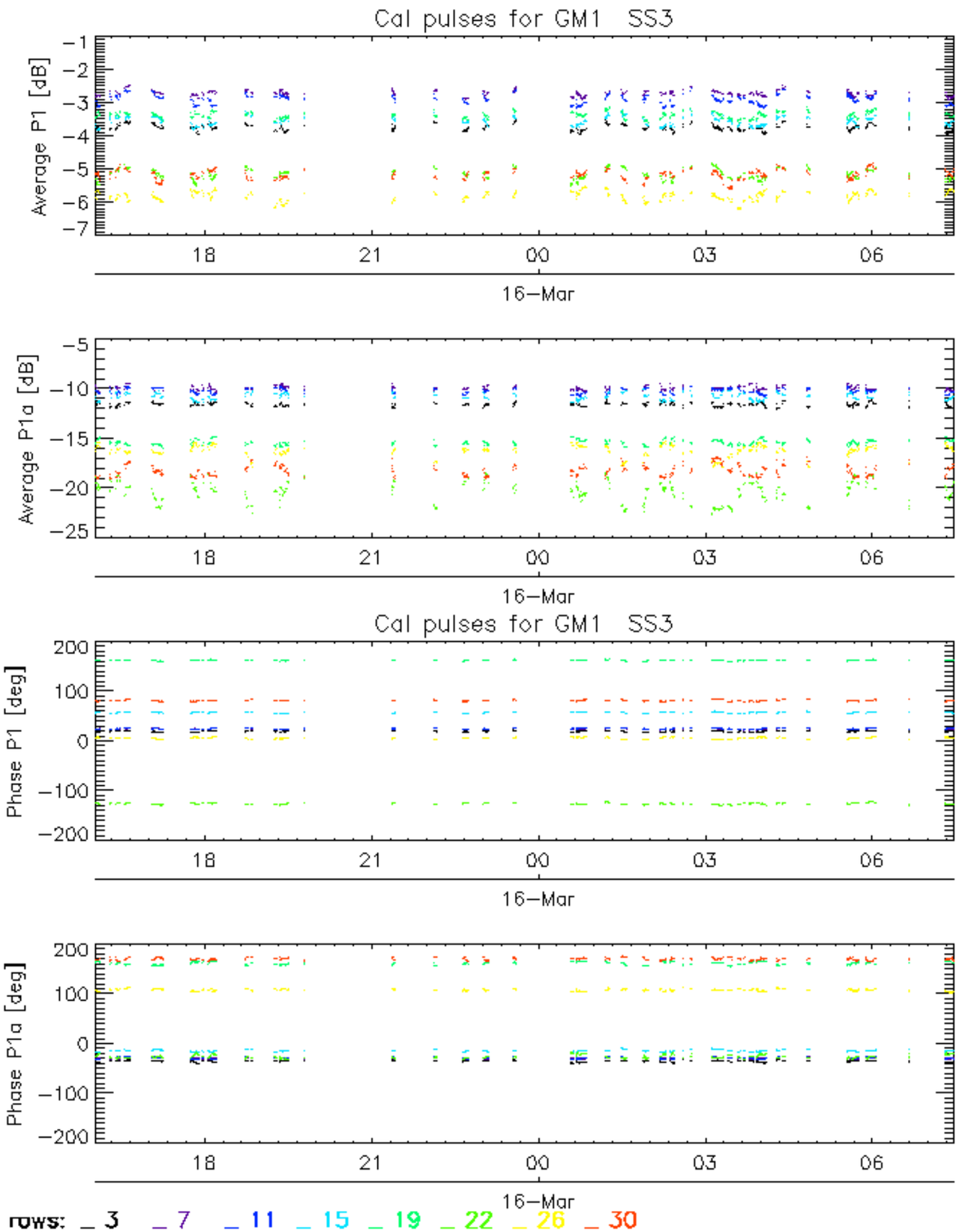
7.5 - Absolute Doppler for GM1

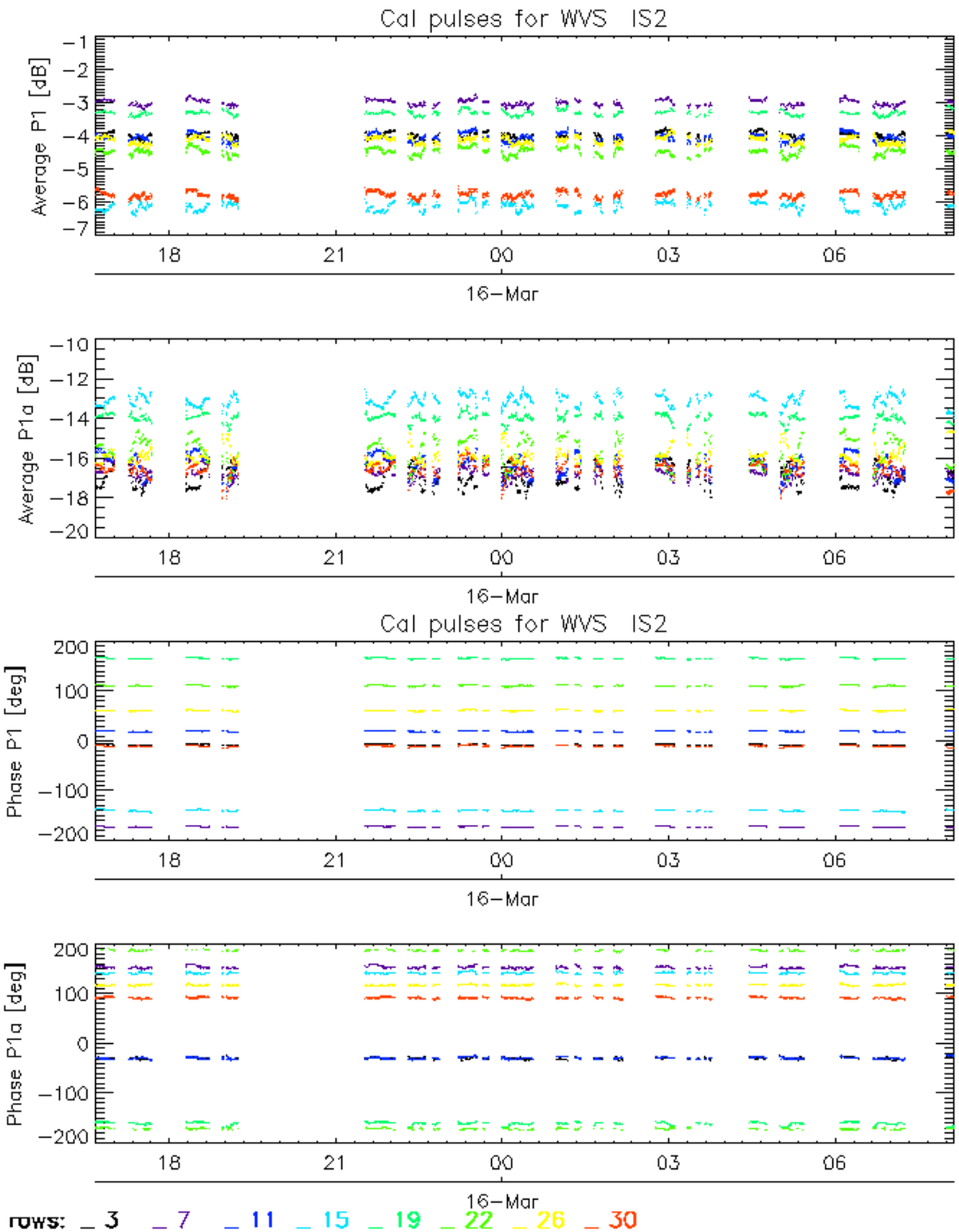
Evolution of Absolute Doppler

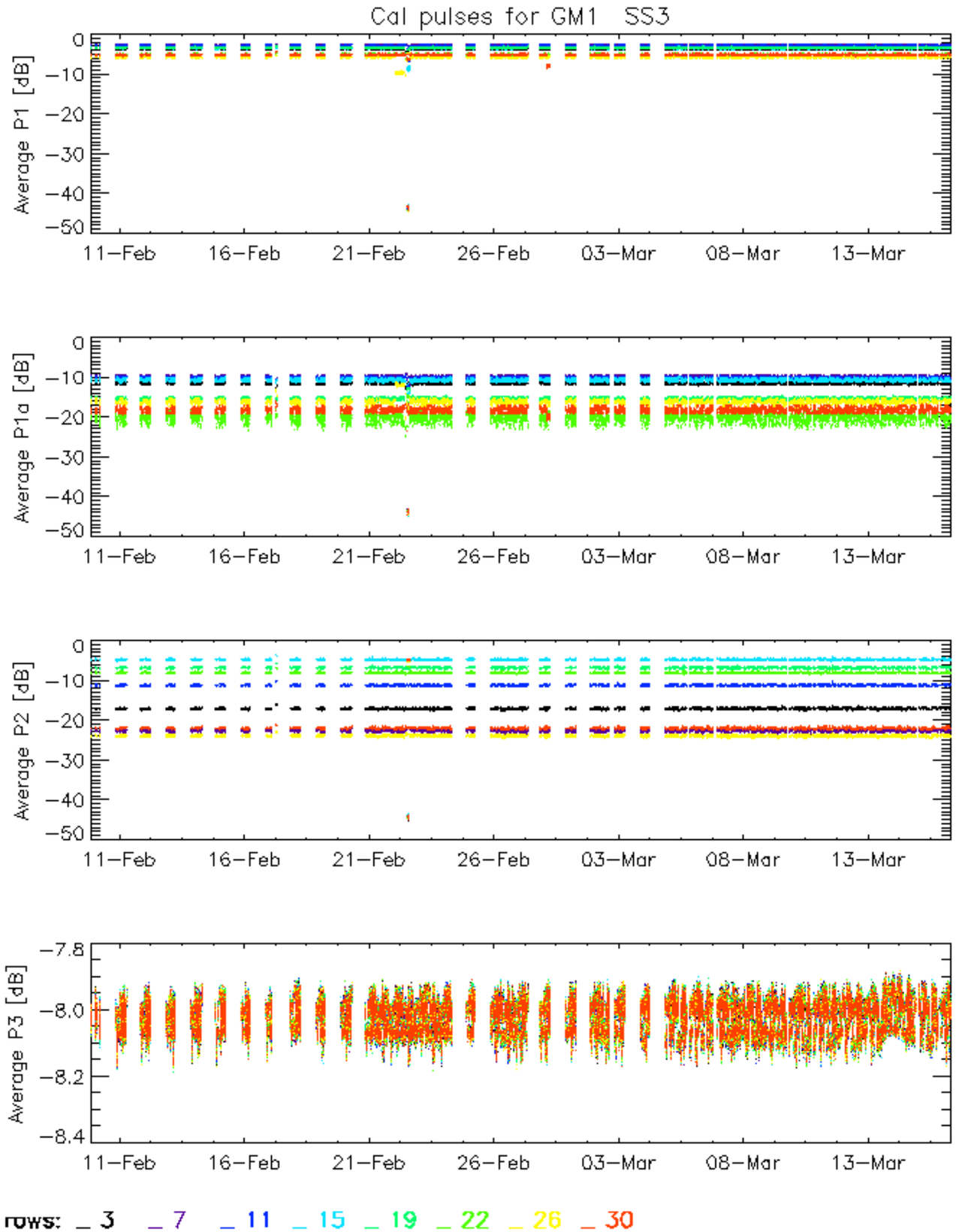
Acsending

Descending

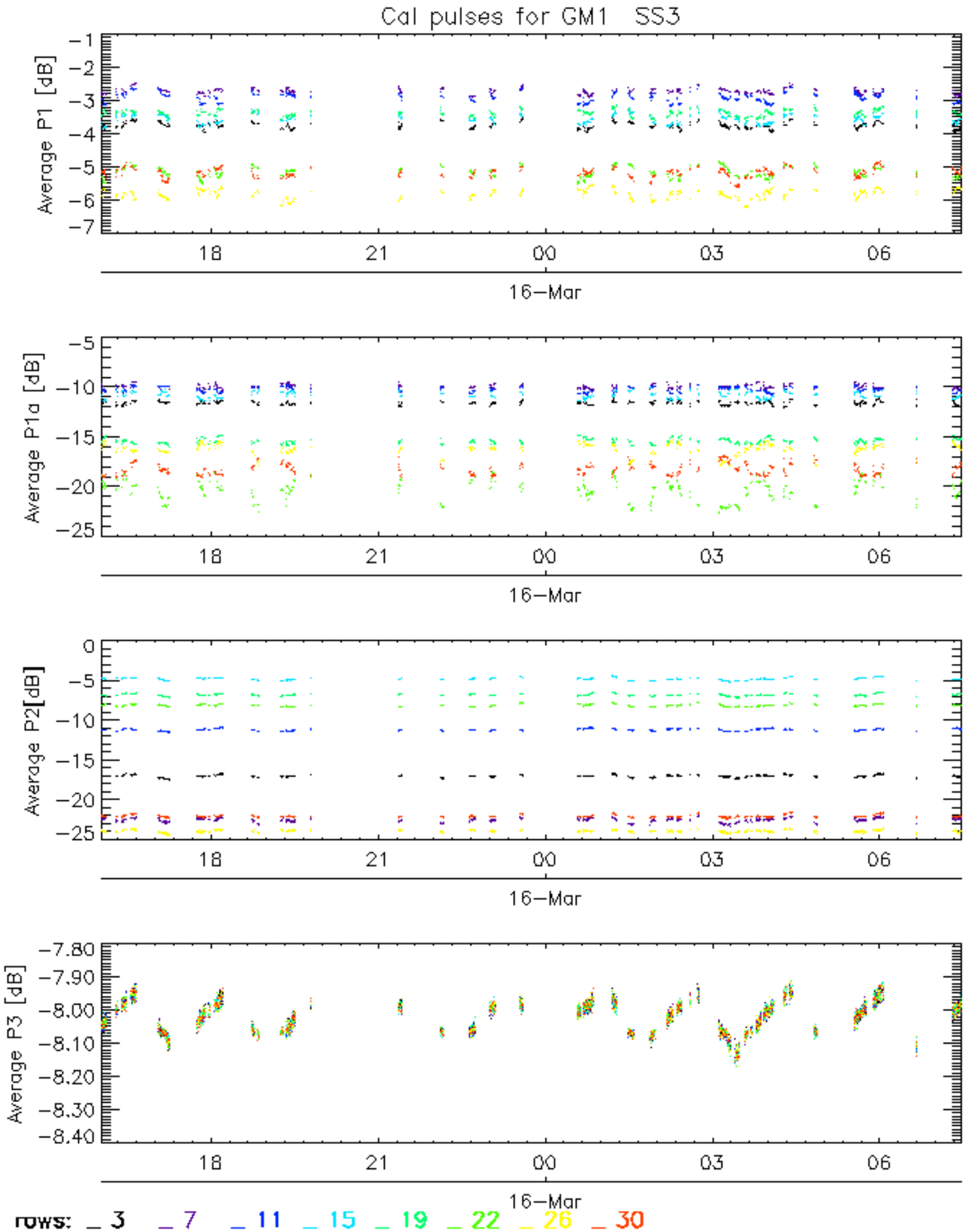
7.6 - Doppler evolution versus ANX for GM1

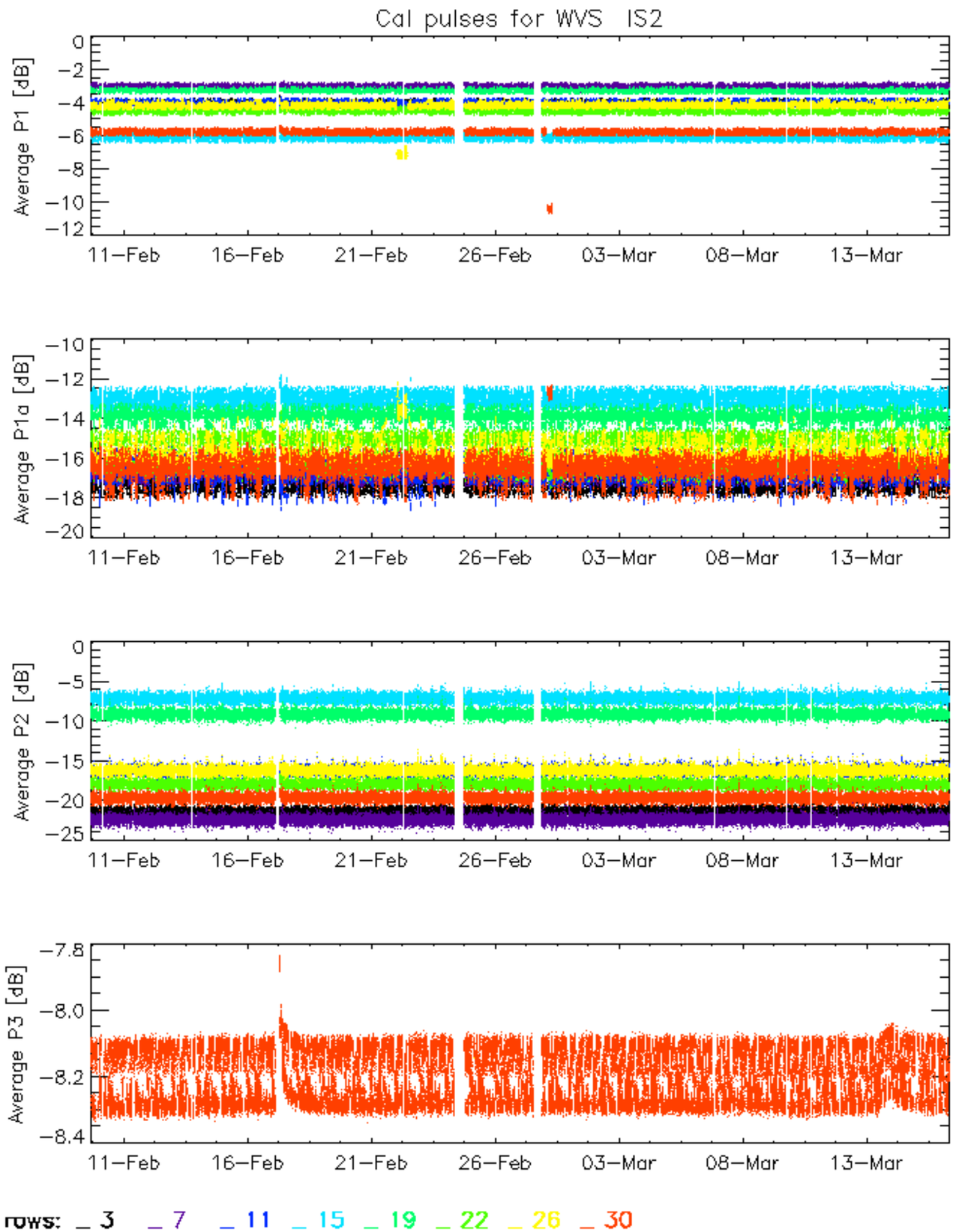
Evolution Doppler error versus ANX


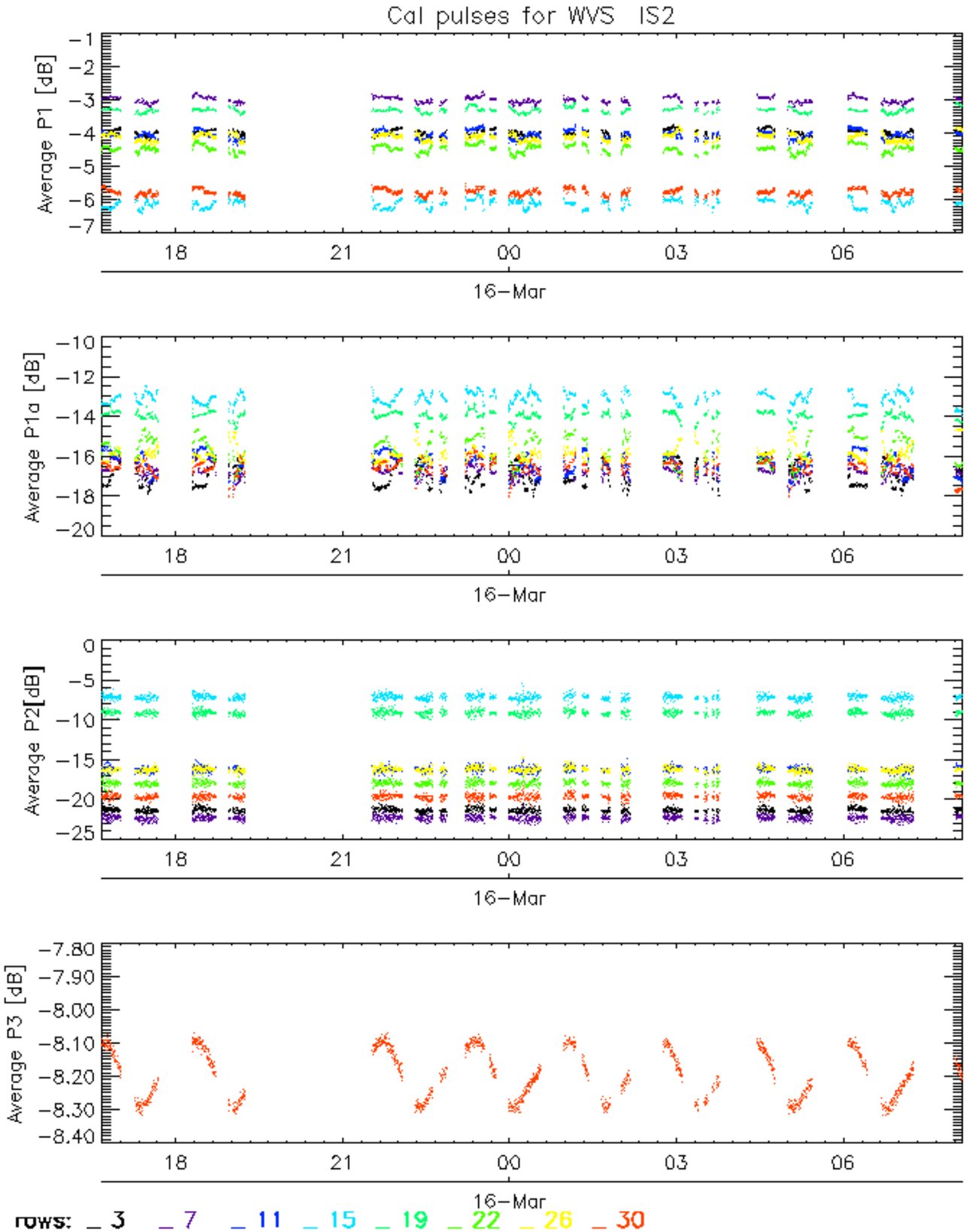

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
16−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
16−Mar
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
16−Mar
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
16−Mar
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
16−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
16−Mar
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
16−Mar
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
16−Mar
rows: 3 7 11 15 19 22 26 30


Cal pulses for GM1 SS3
Average P1 [dB]
0
−10
−20
−30
−40
−50
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar
Average P1a [dB]
Average P2 [dB]
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: 3 7 11 15 19 22 26 30

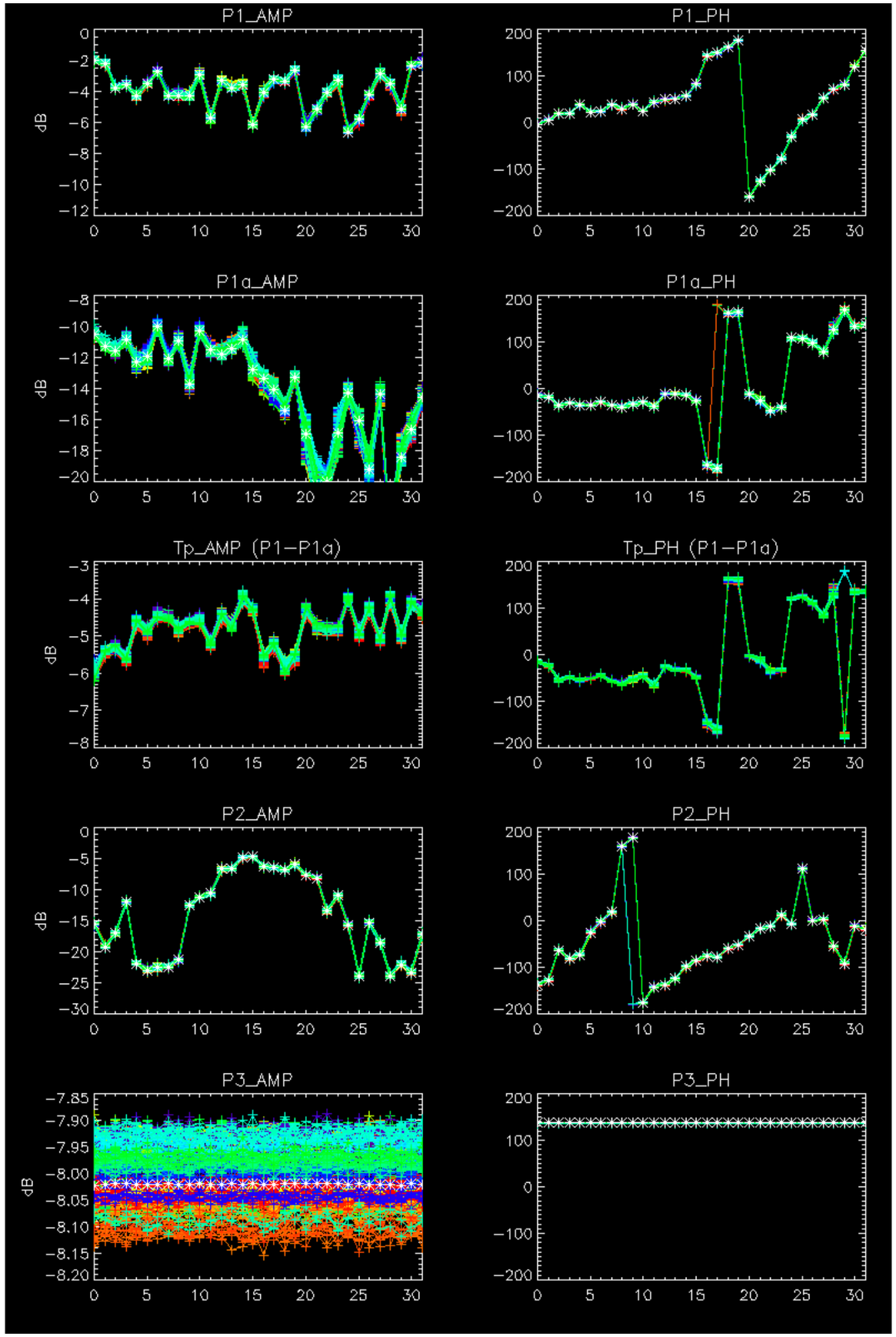

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
16−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
16−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
16−Mar
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
16−Mar
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

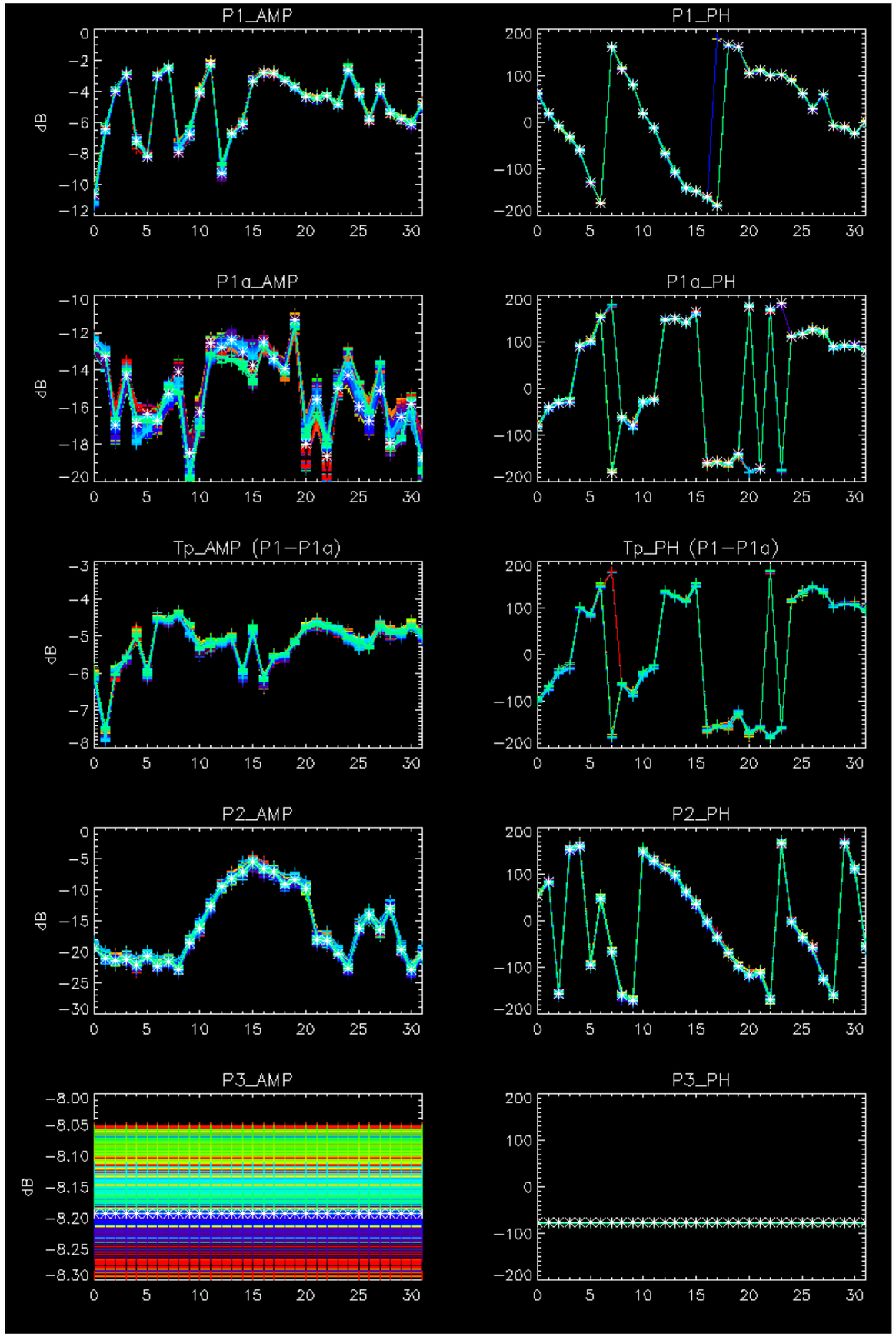

Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
−10
−12
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
16−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
16−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
16−Mar
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
16−Mar
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

No anomalies observed on available browse products

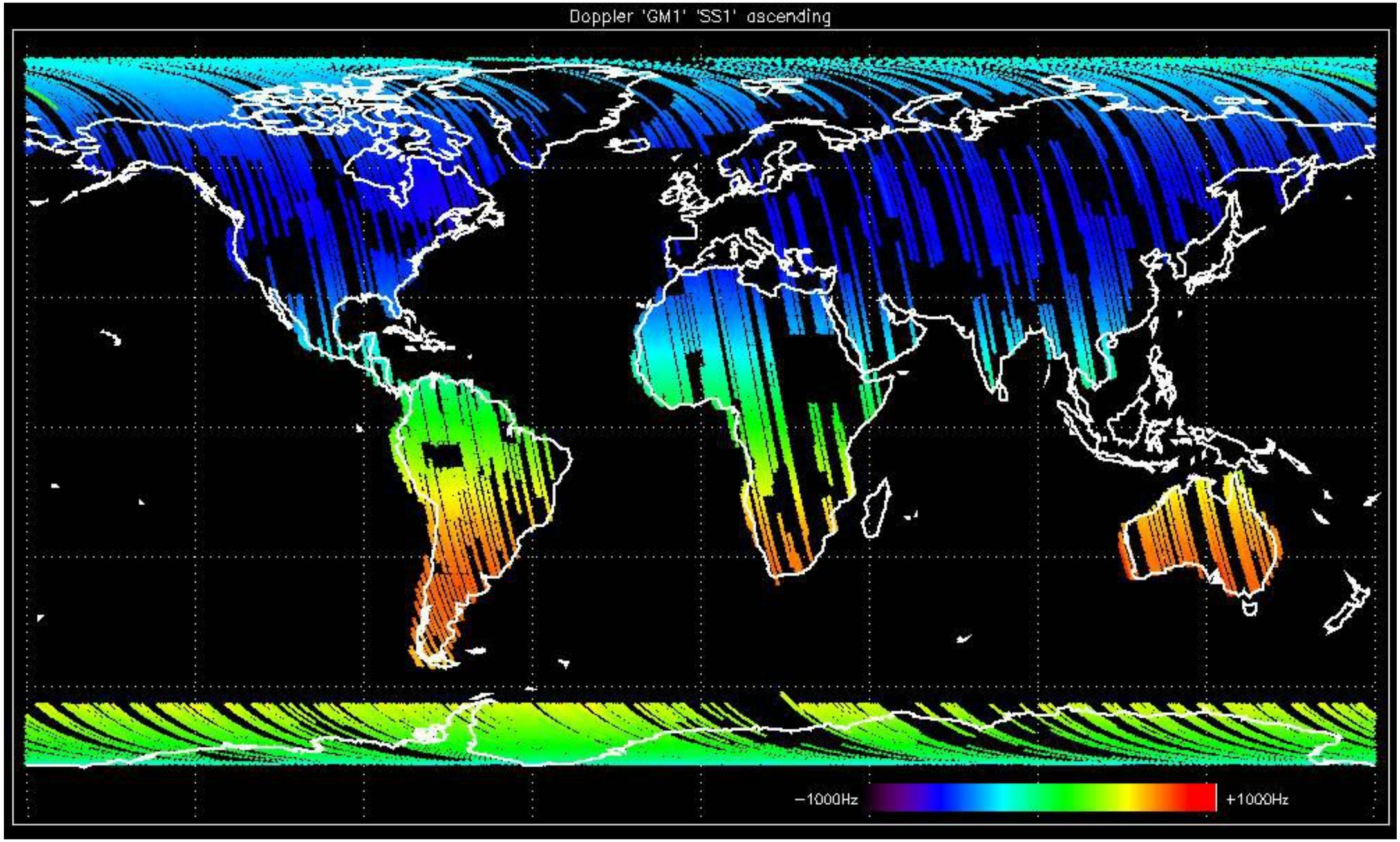
No anomalies observed.

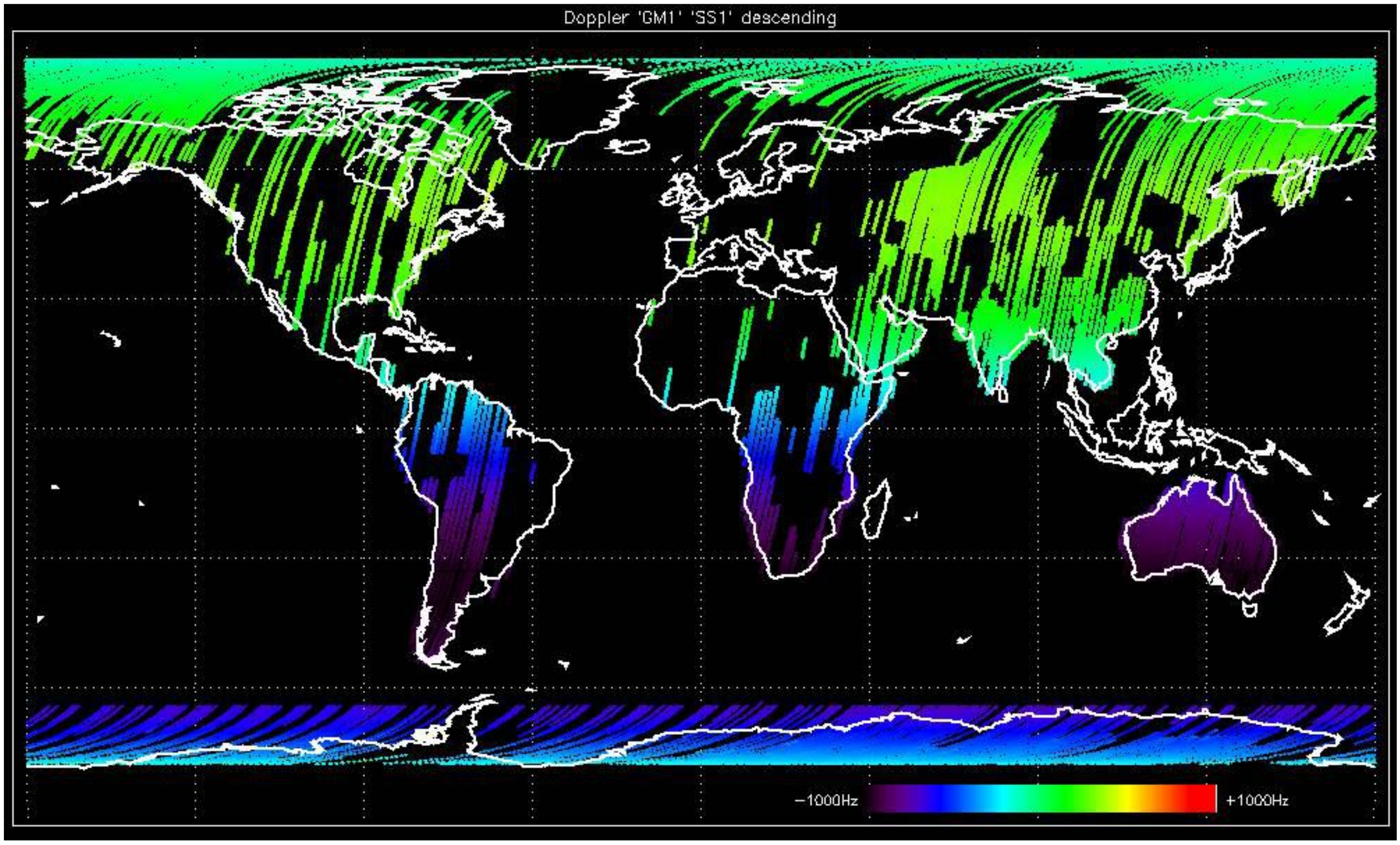

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

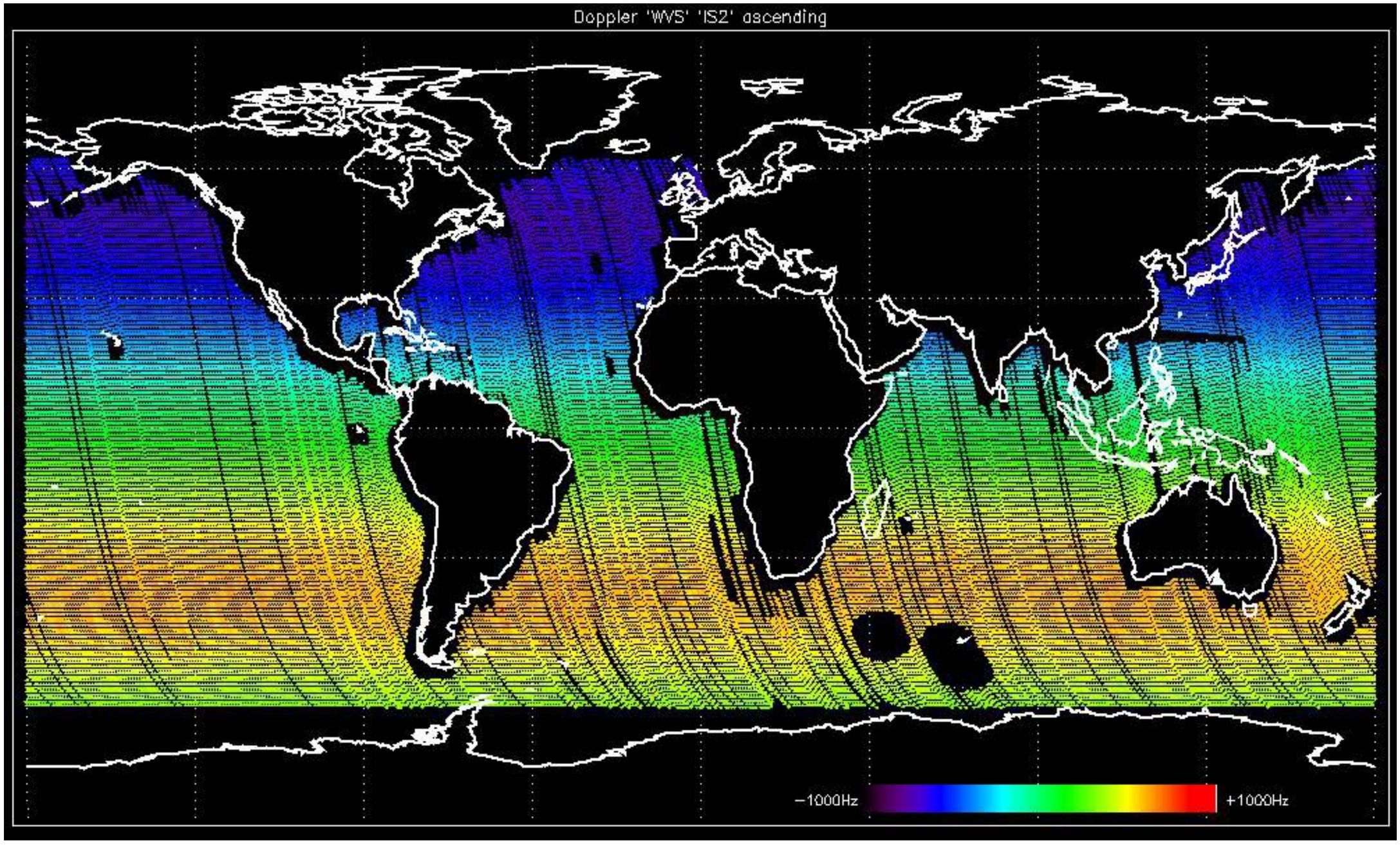

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

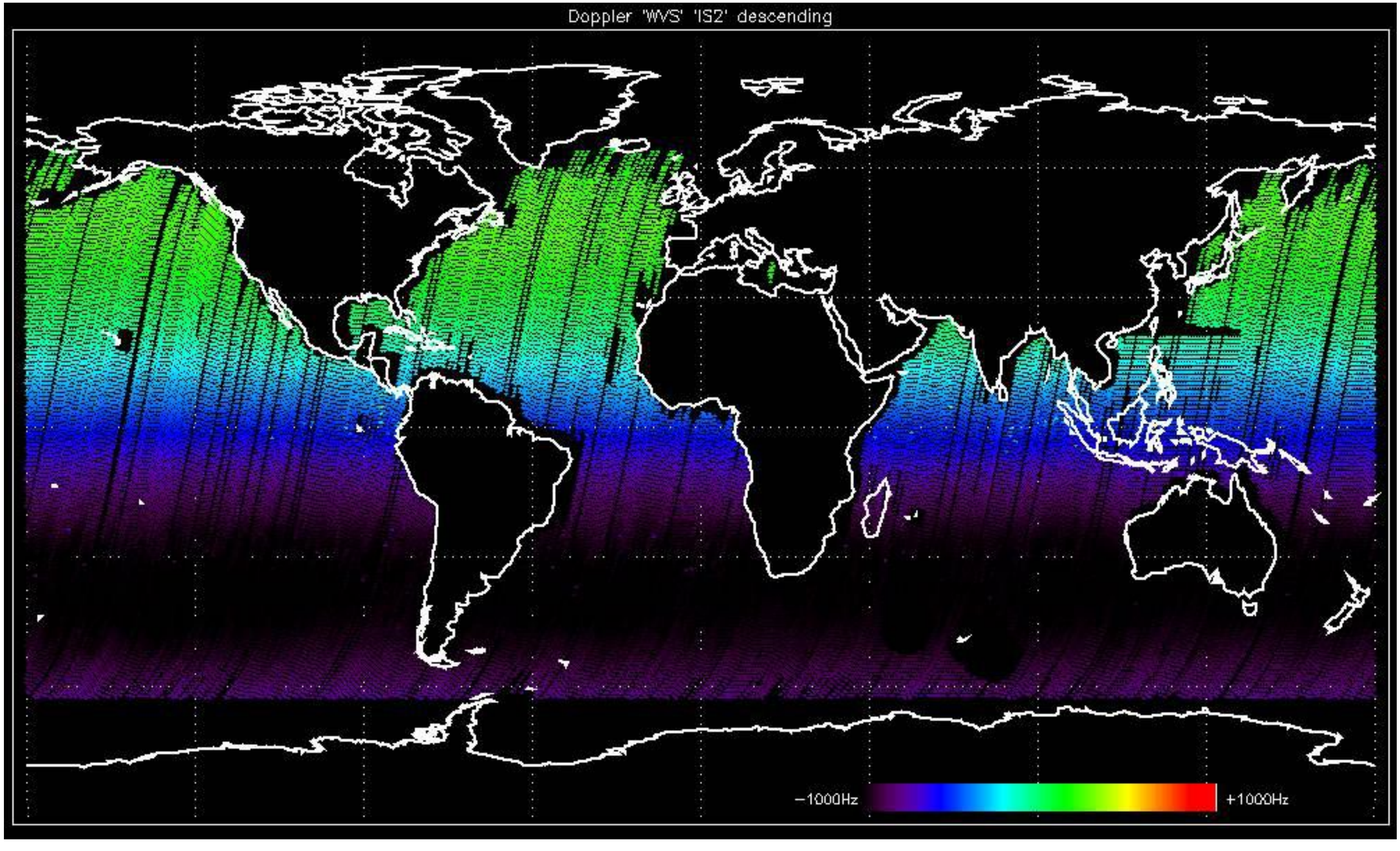
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

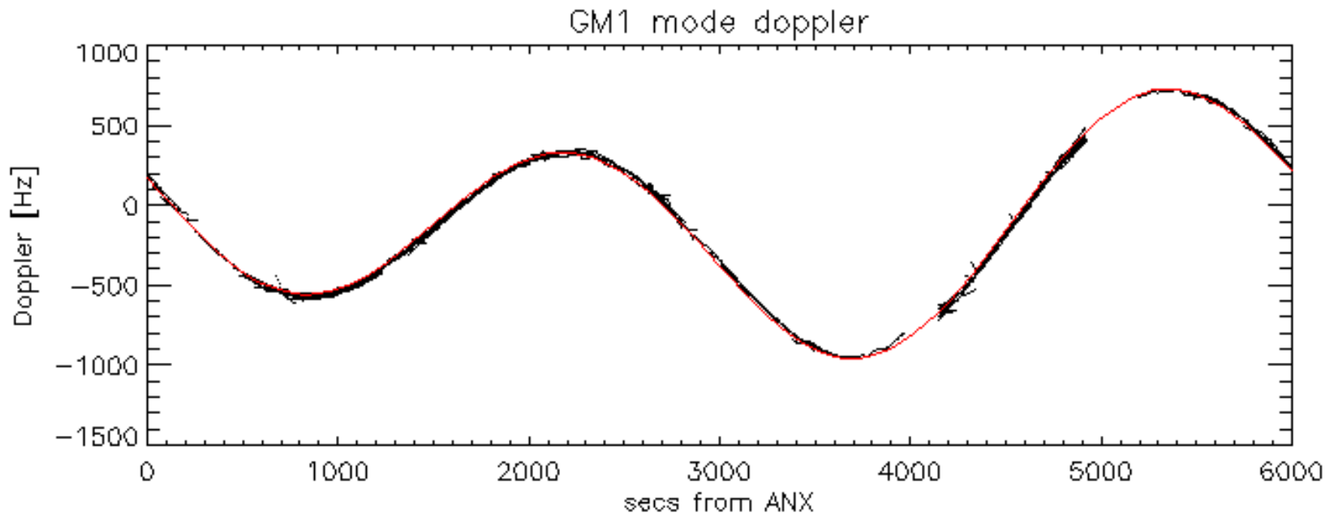
Preliminary report.The data is not yet controled

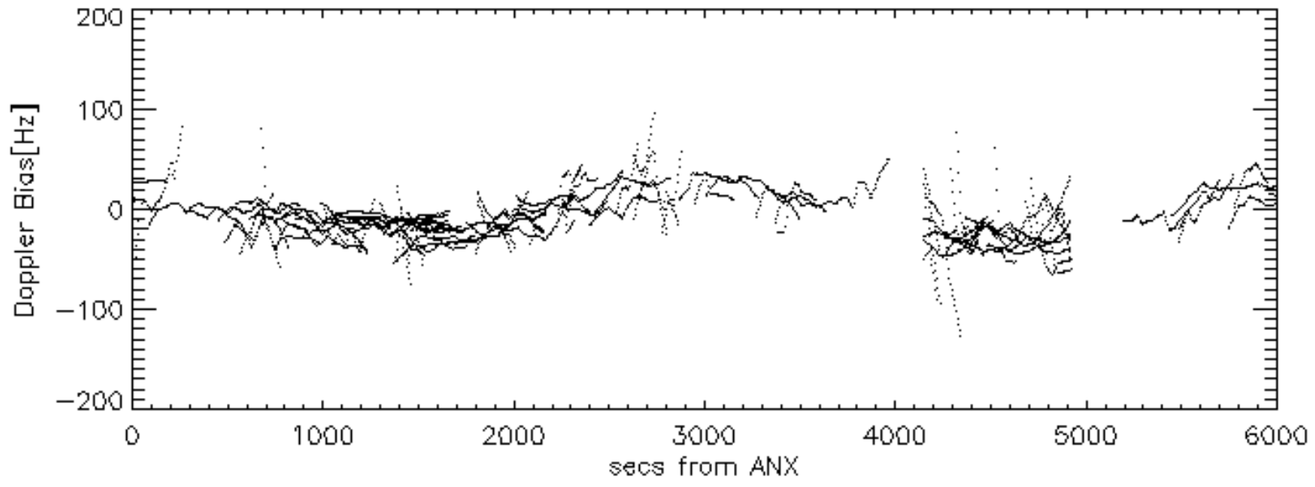

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

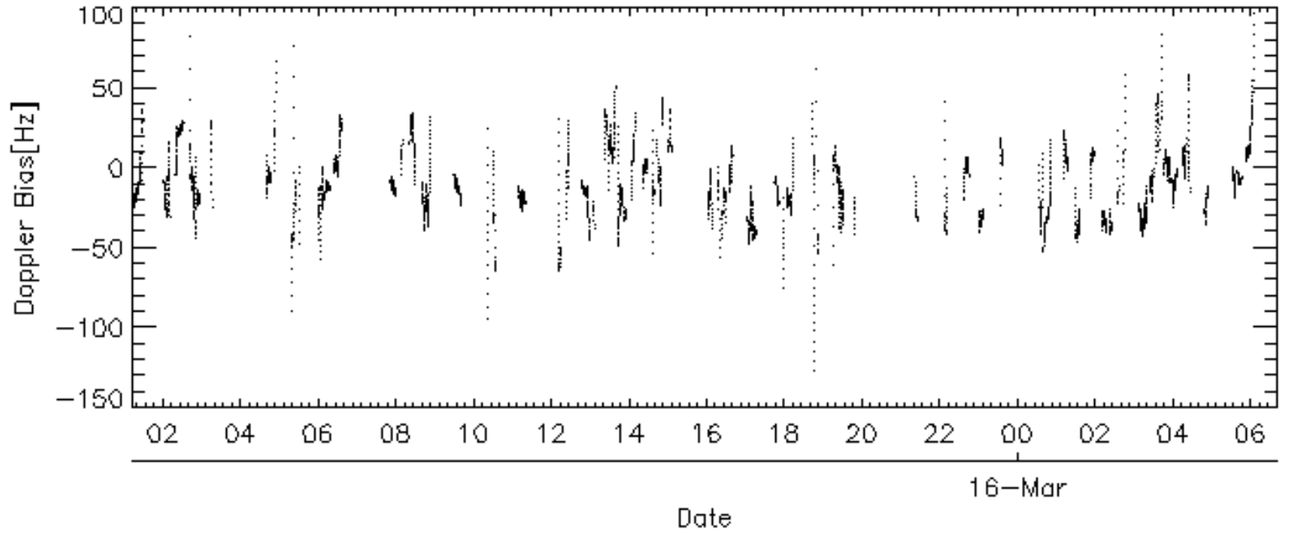

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

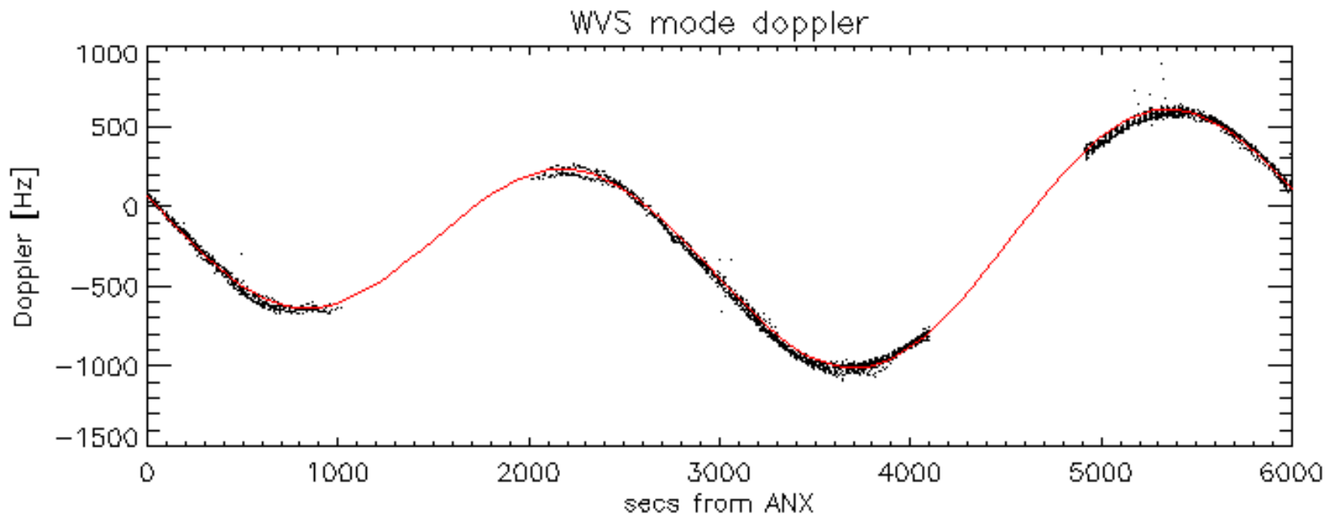

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

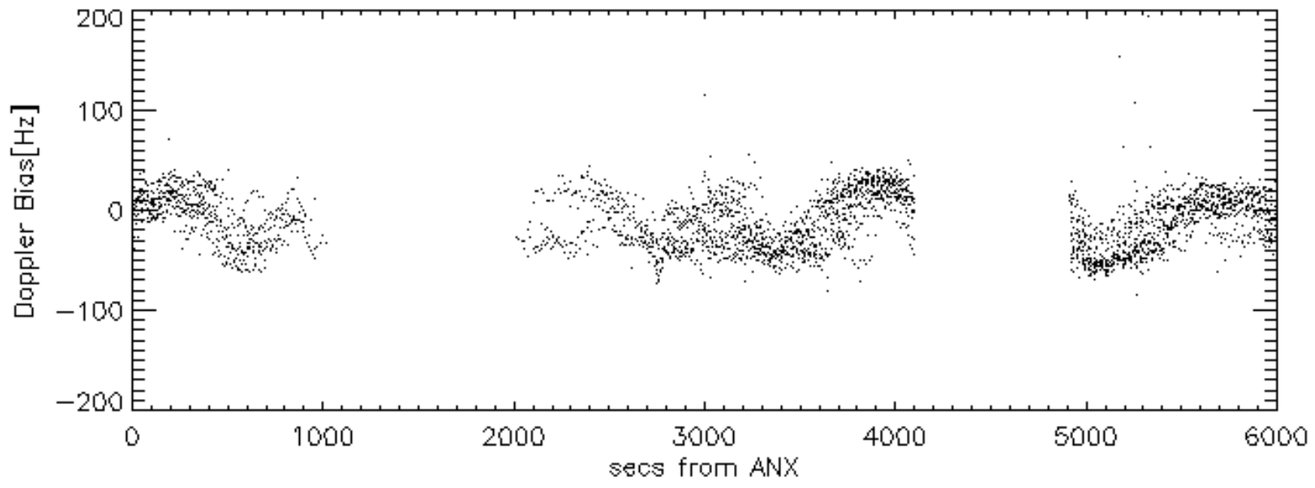

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

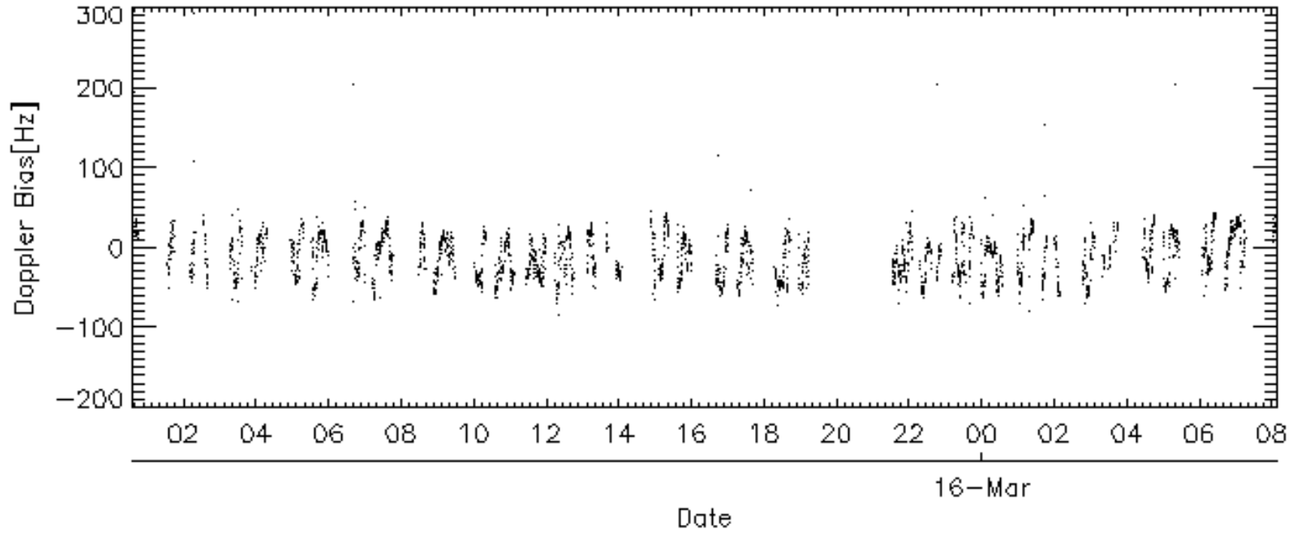

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

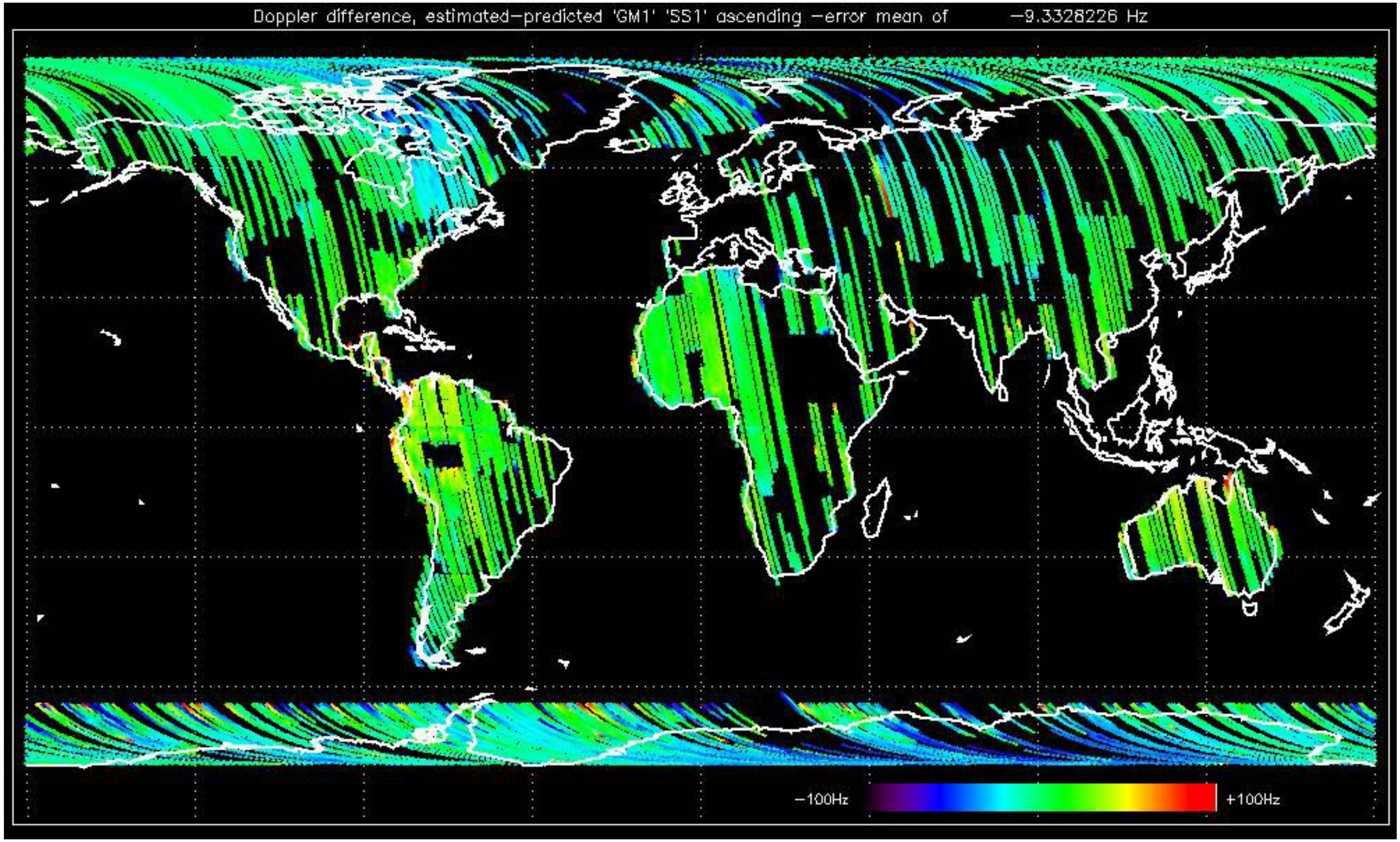

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

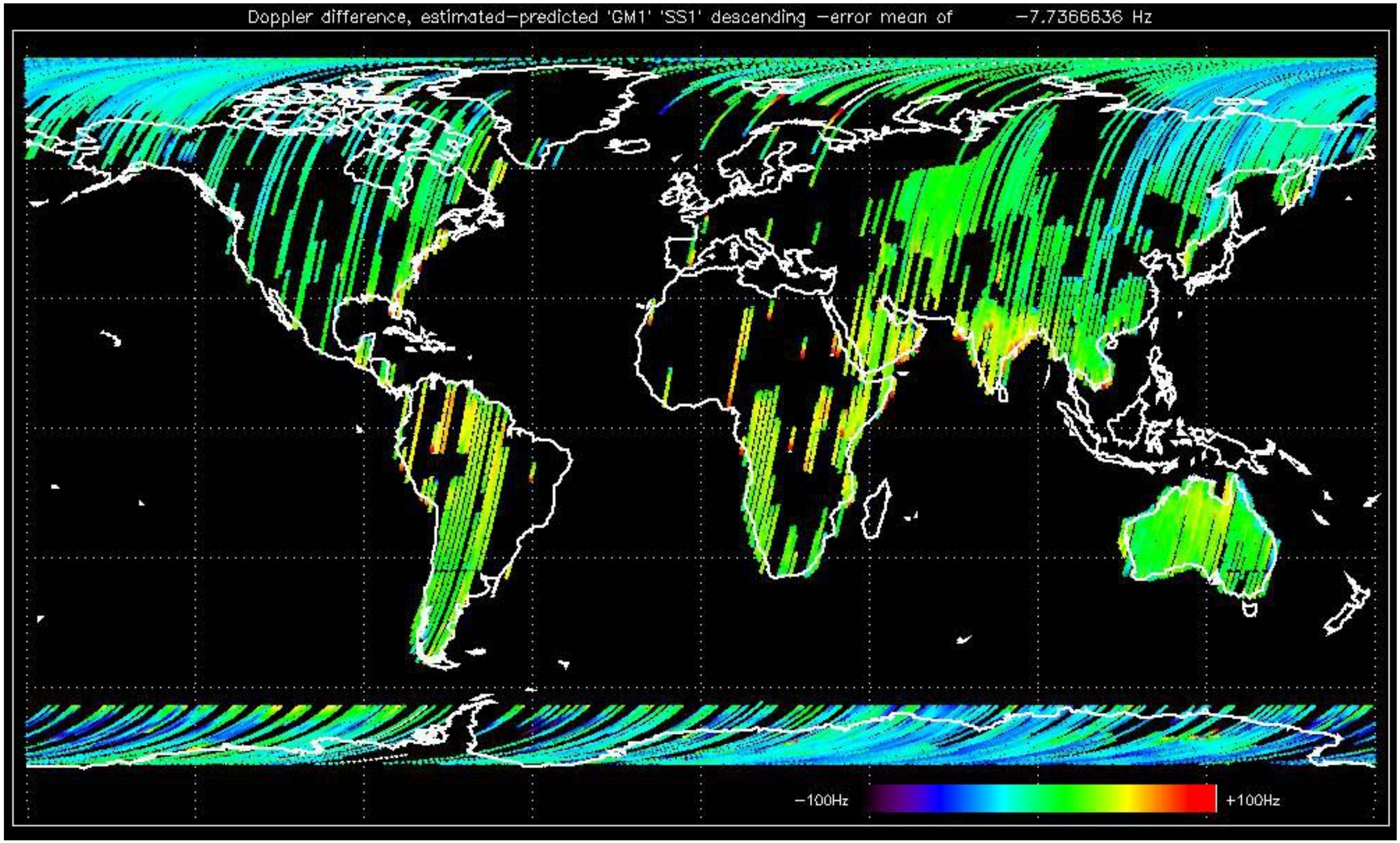

Doppler Bias[Hz]
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
16−Mar
Date

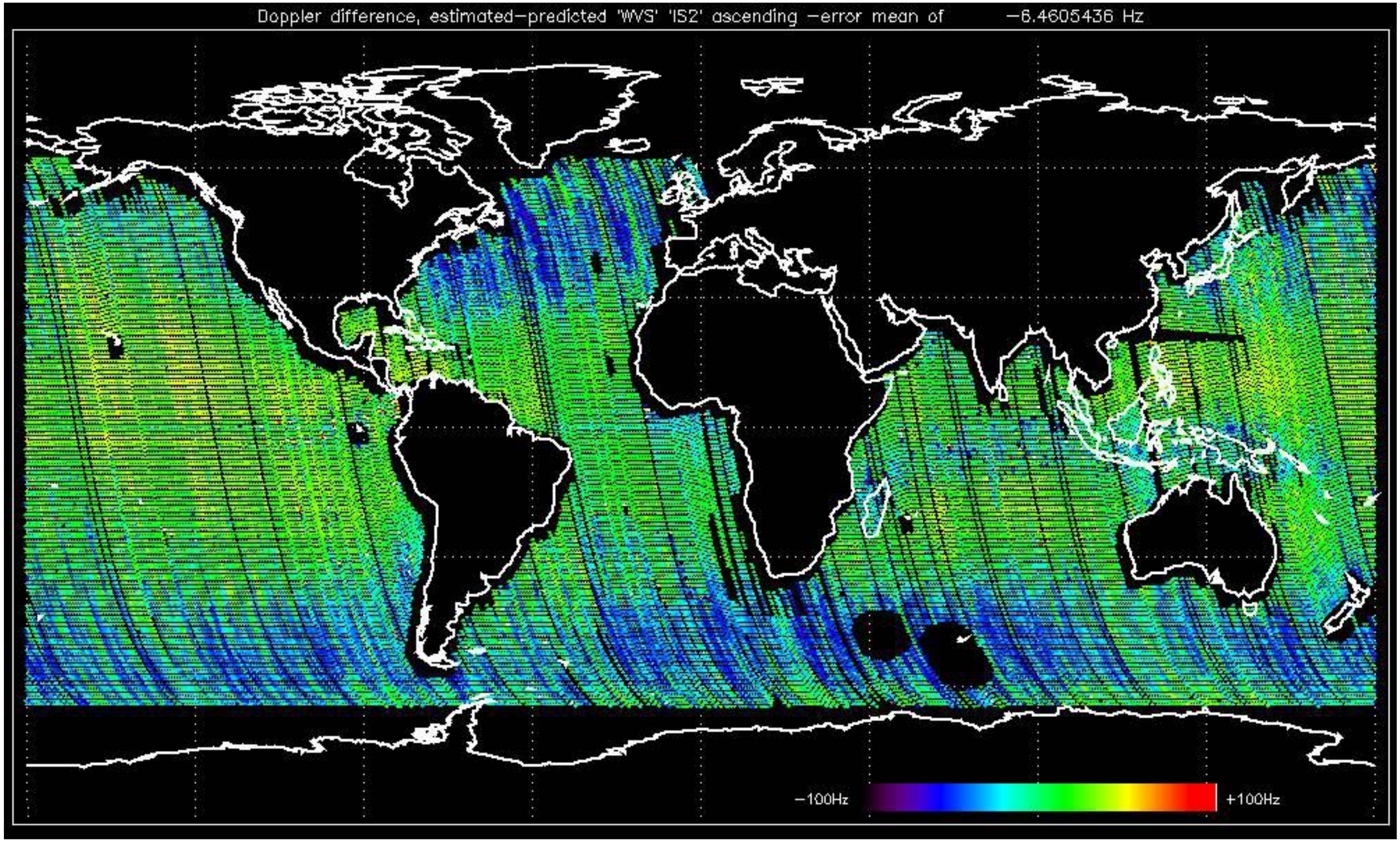

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

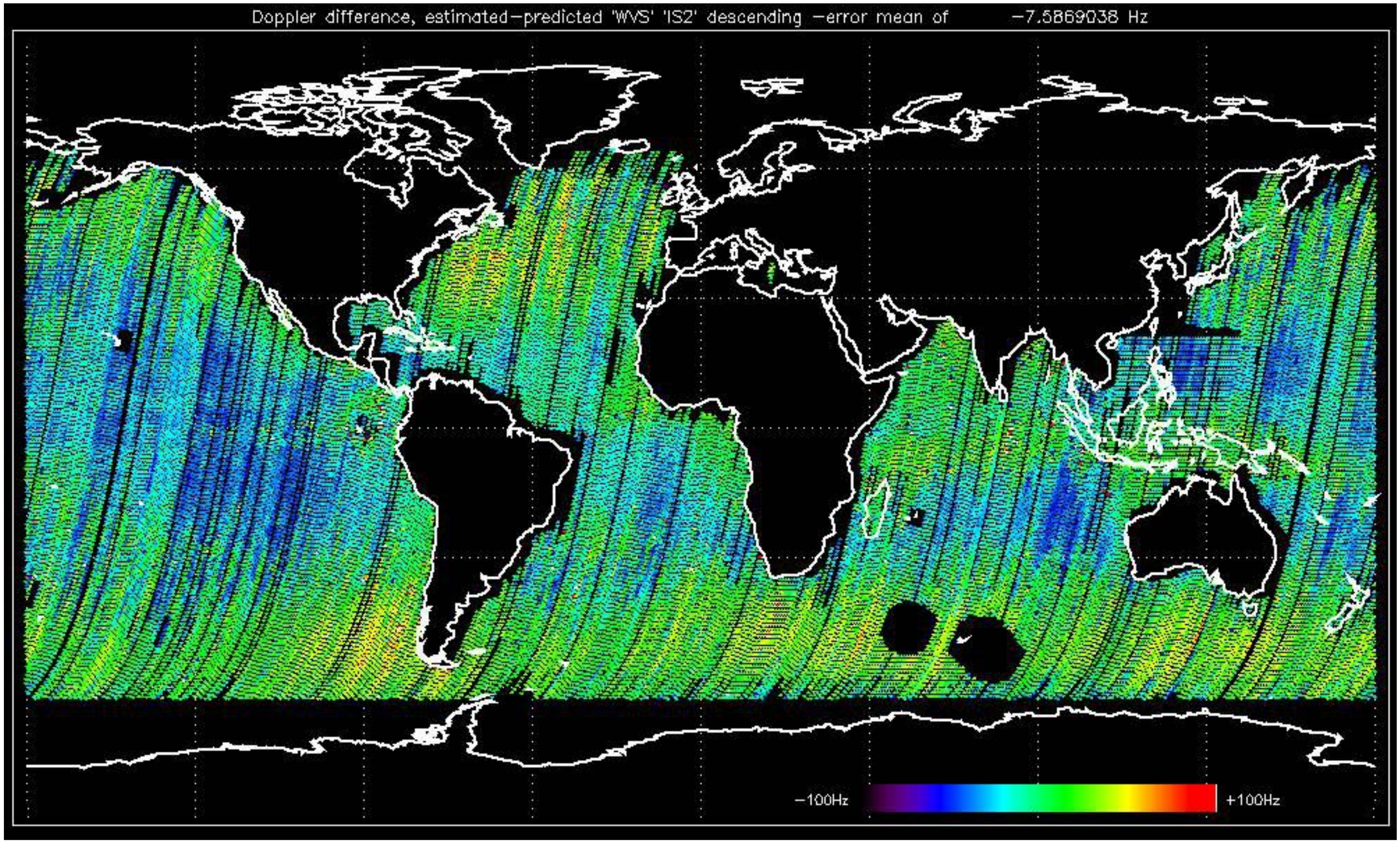

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


Doppler Bias[Hz]
300
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
16−Mar
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −9.3328226 Hz
−100Hz
+100Hz

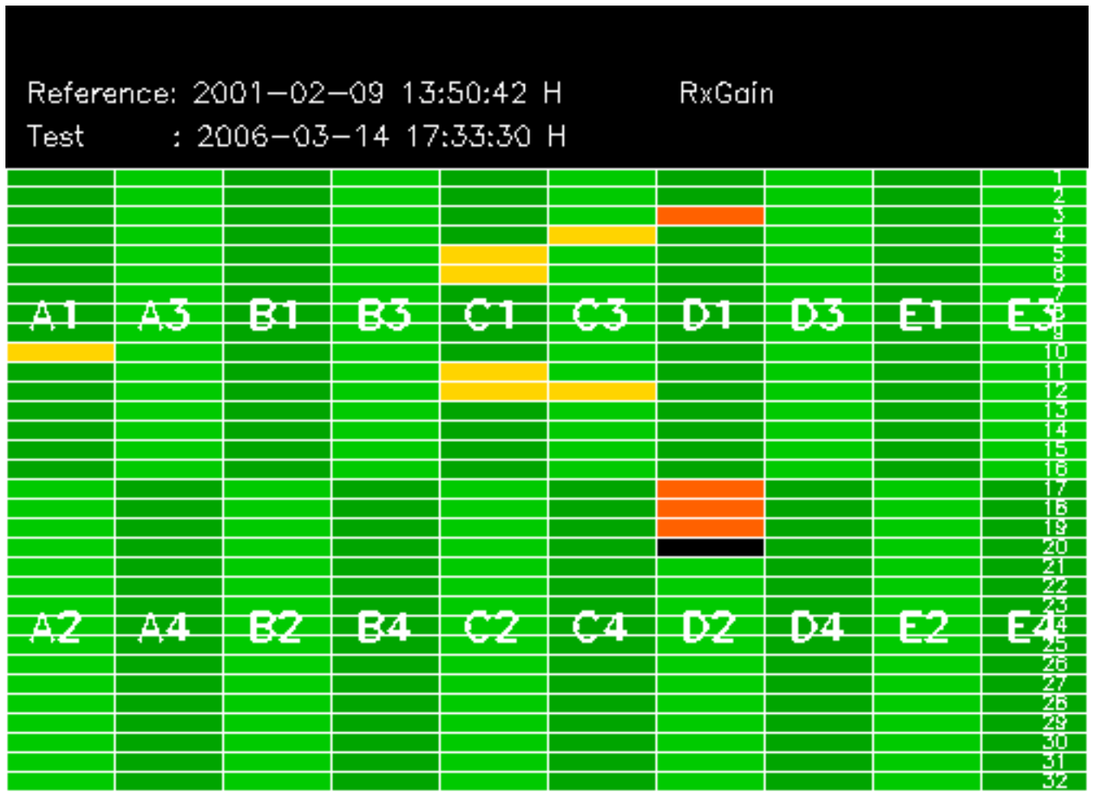

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −7.7366636 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −6.4605436 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −7.5869038 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2006-03-14 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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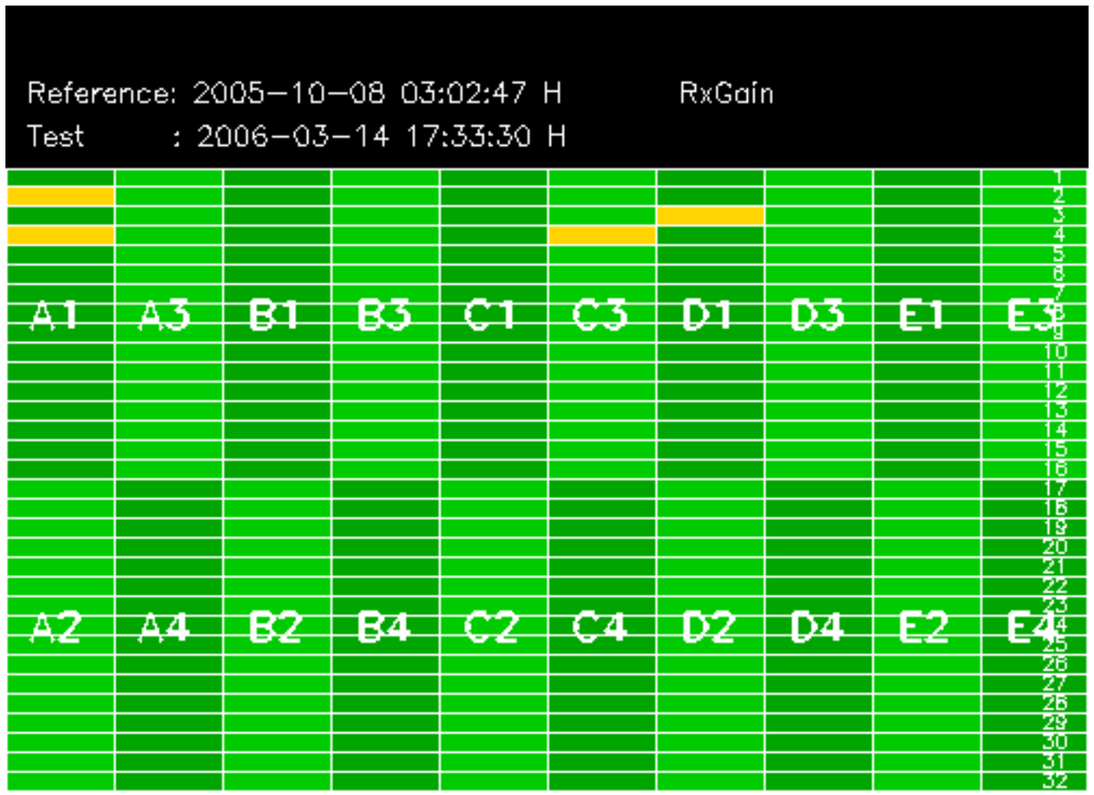
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-14 17:33:30 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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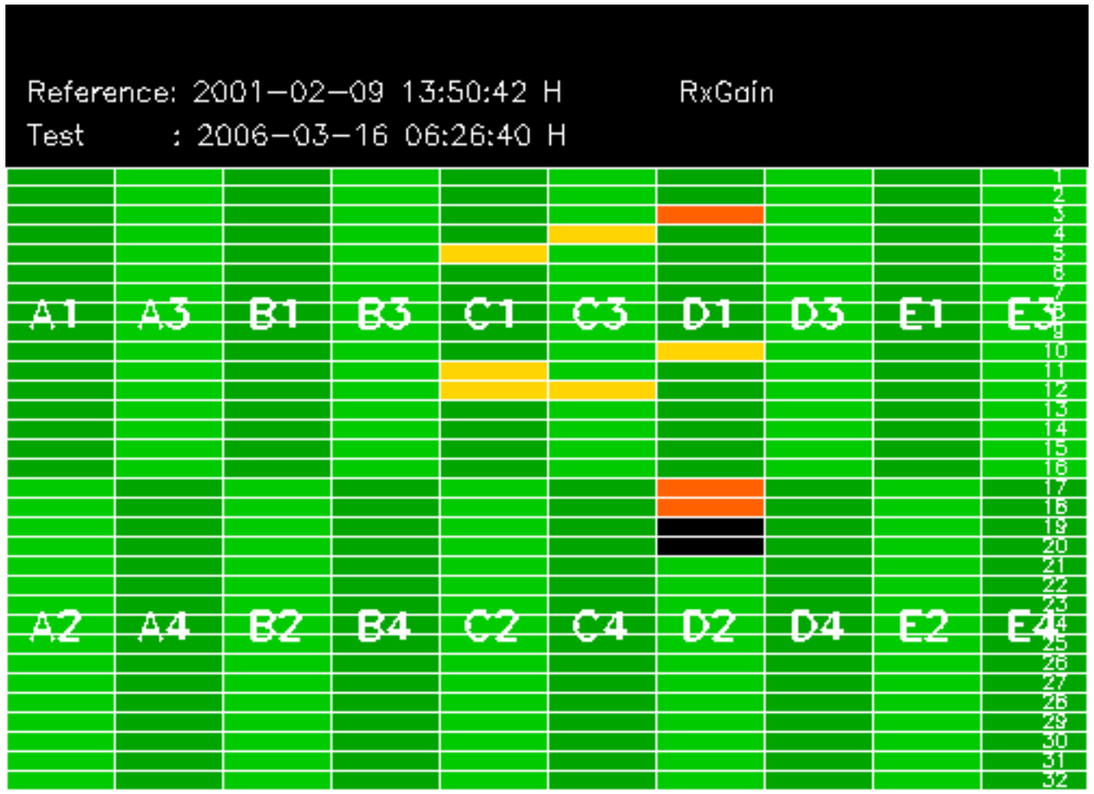
Reference: 2001-02-09 13:50:42 H
Test : 2006-03-16 06:26:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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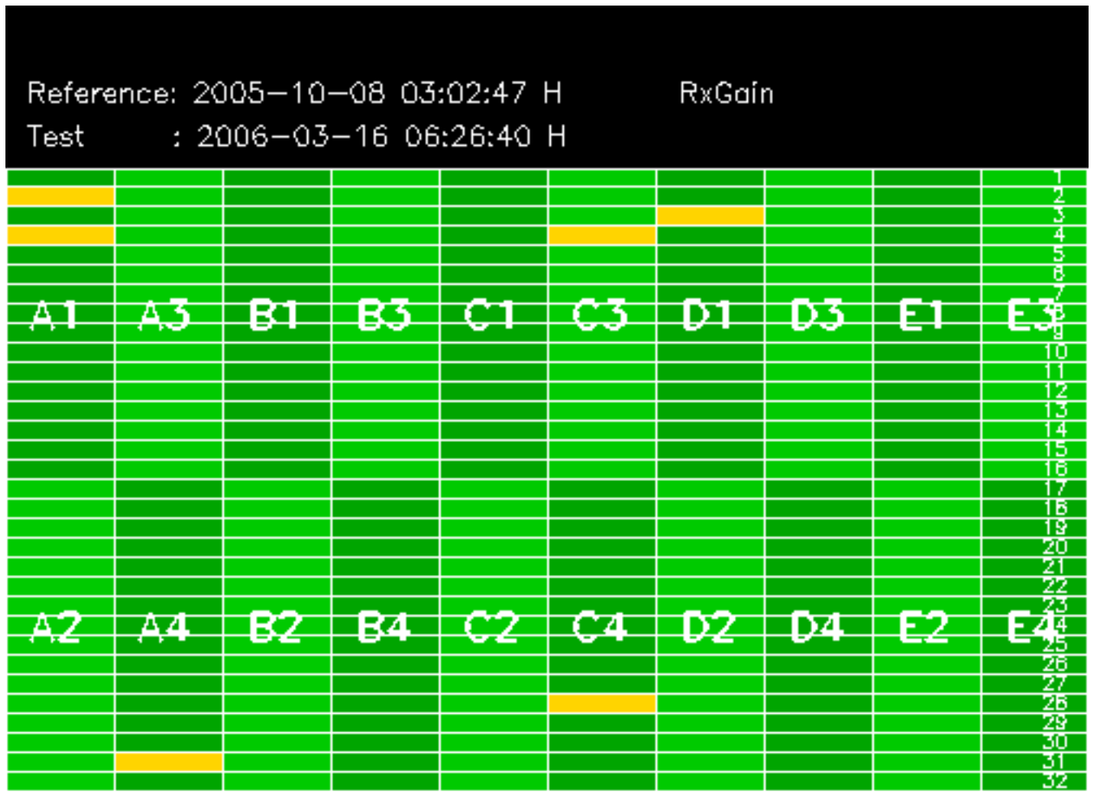
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-16 06:26:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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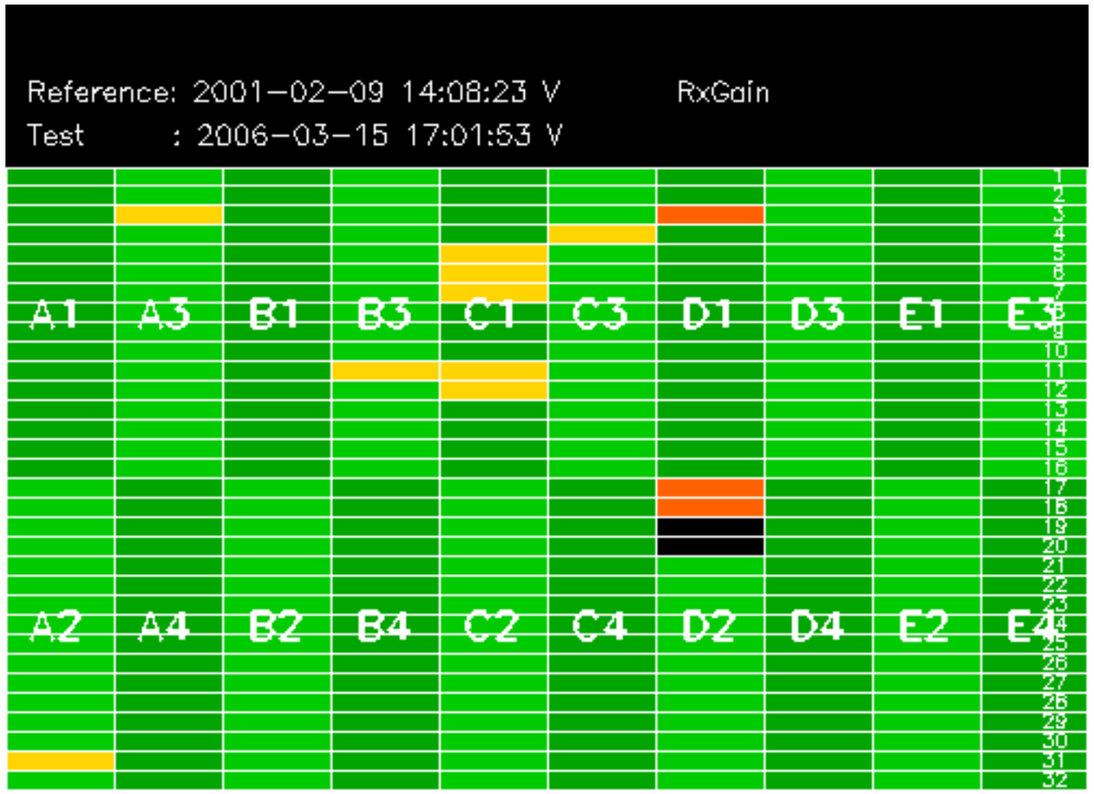
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-15 17:01:53 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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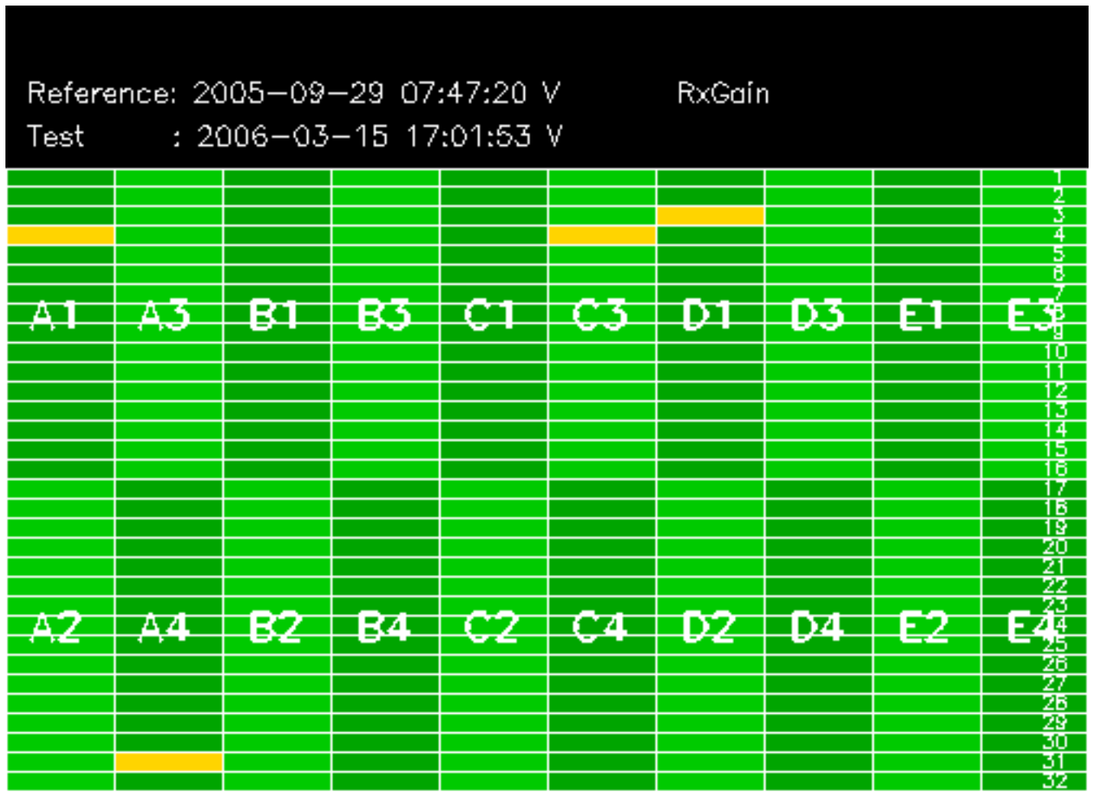
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-15 17:01:53 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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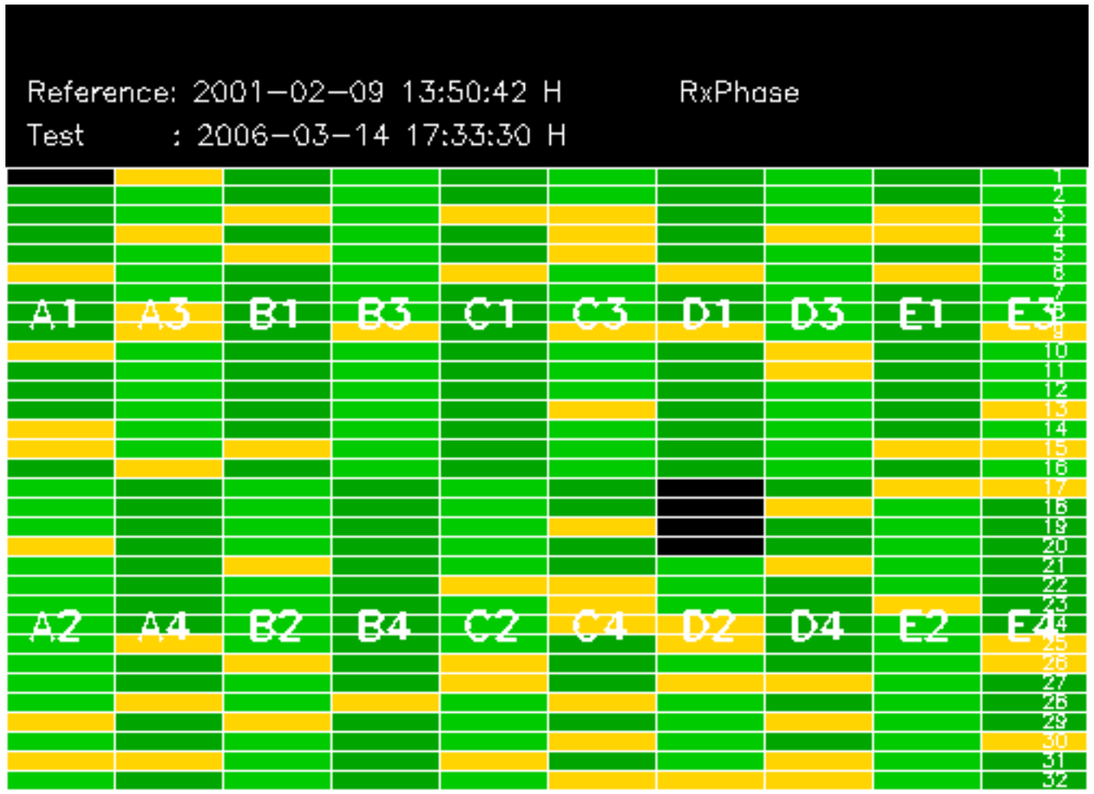
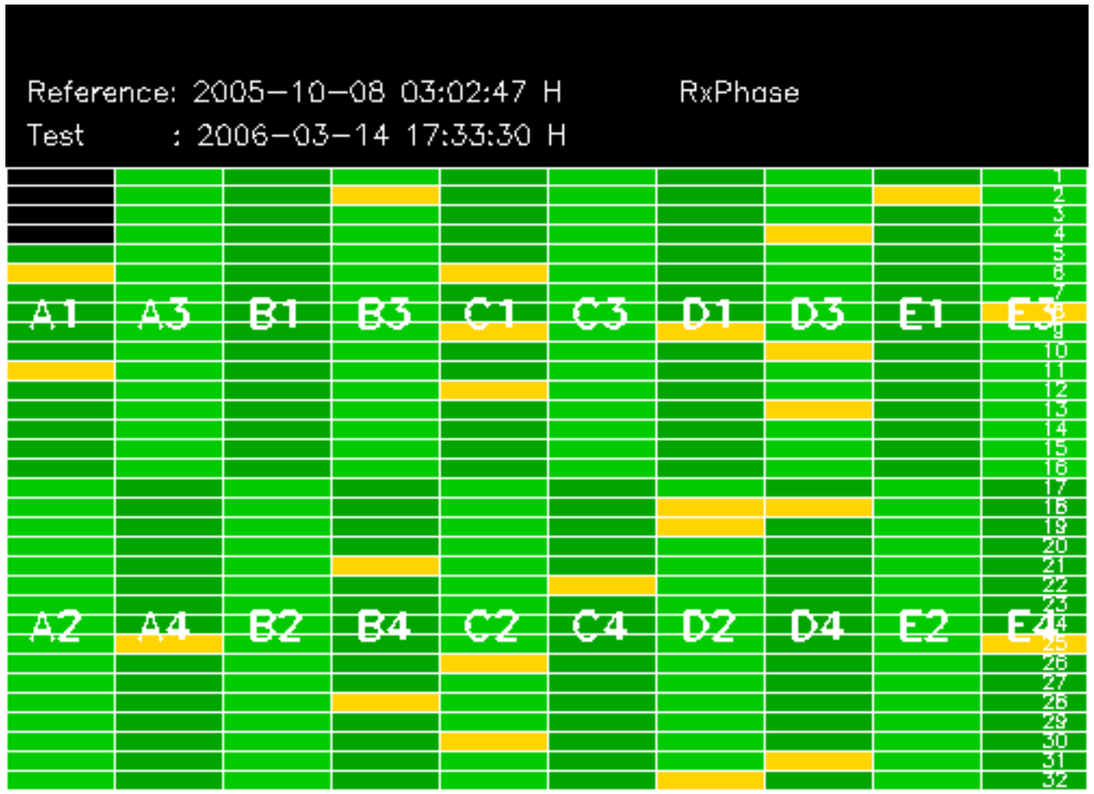

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-03-14 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-03-14 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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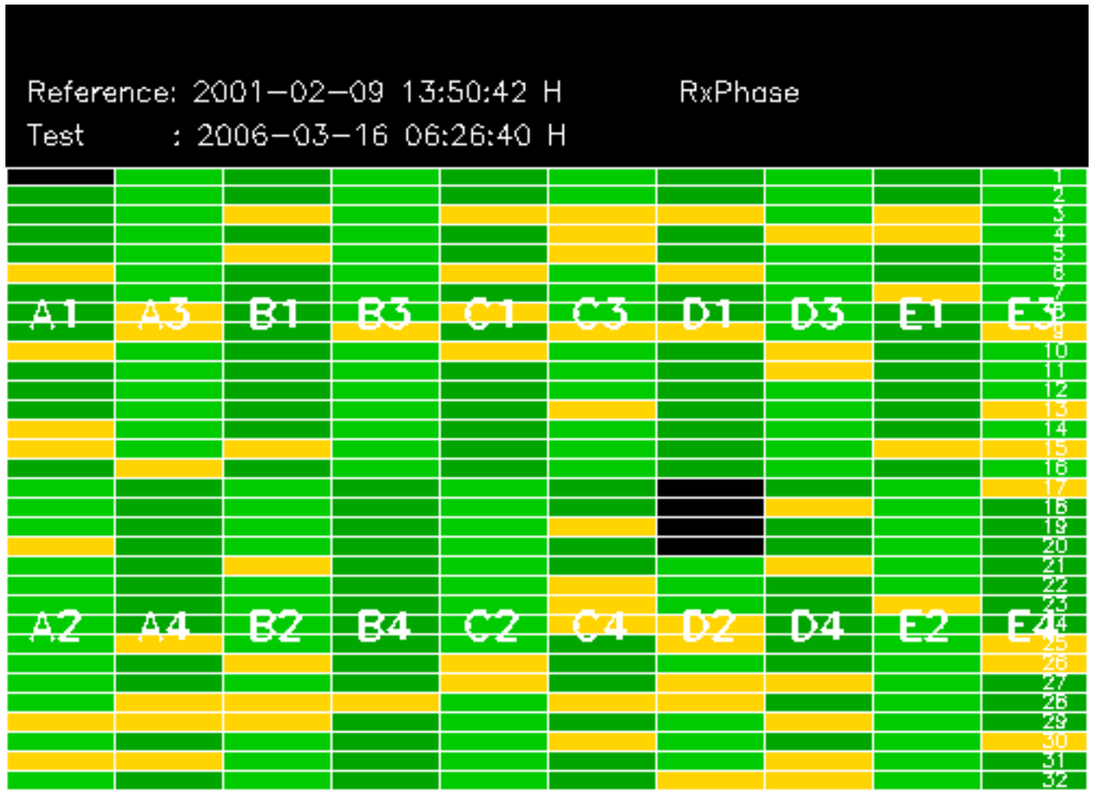
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-03-16 06:26:40 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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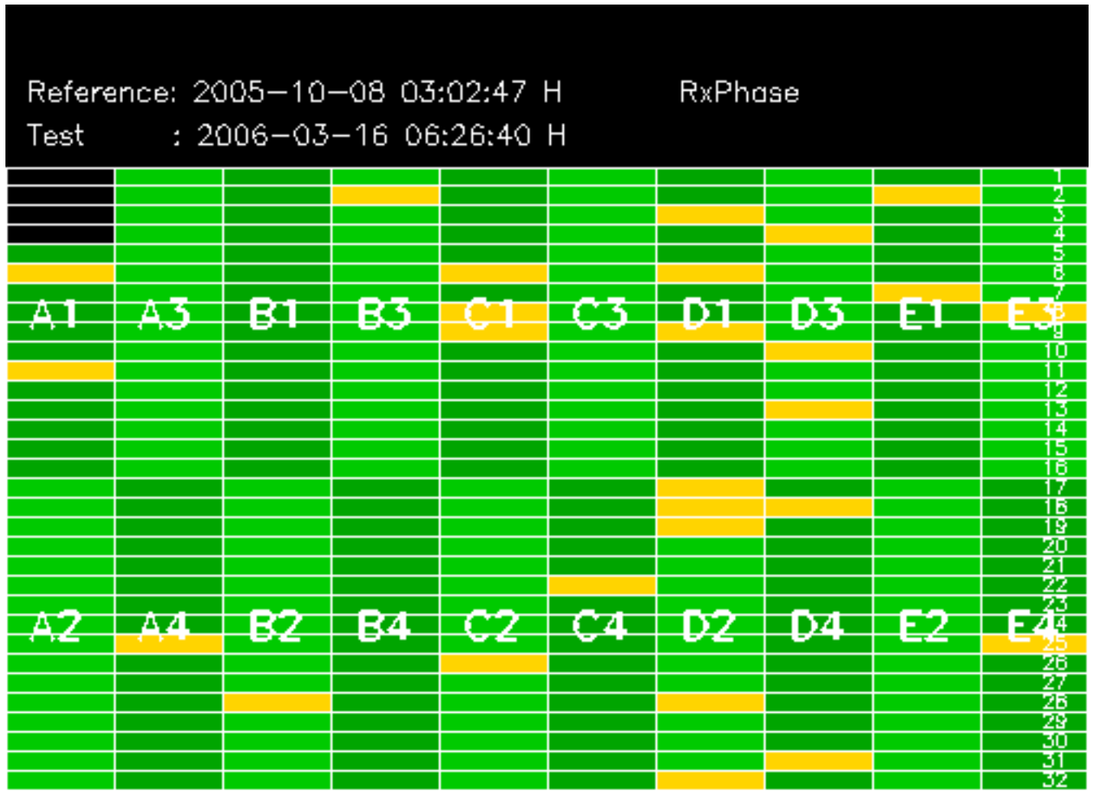
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-03-16 06:26:40 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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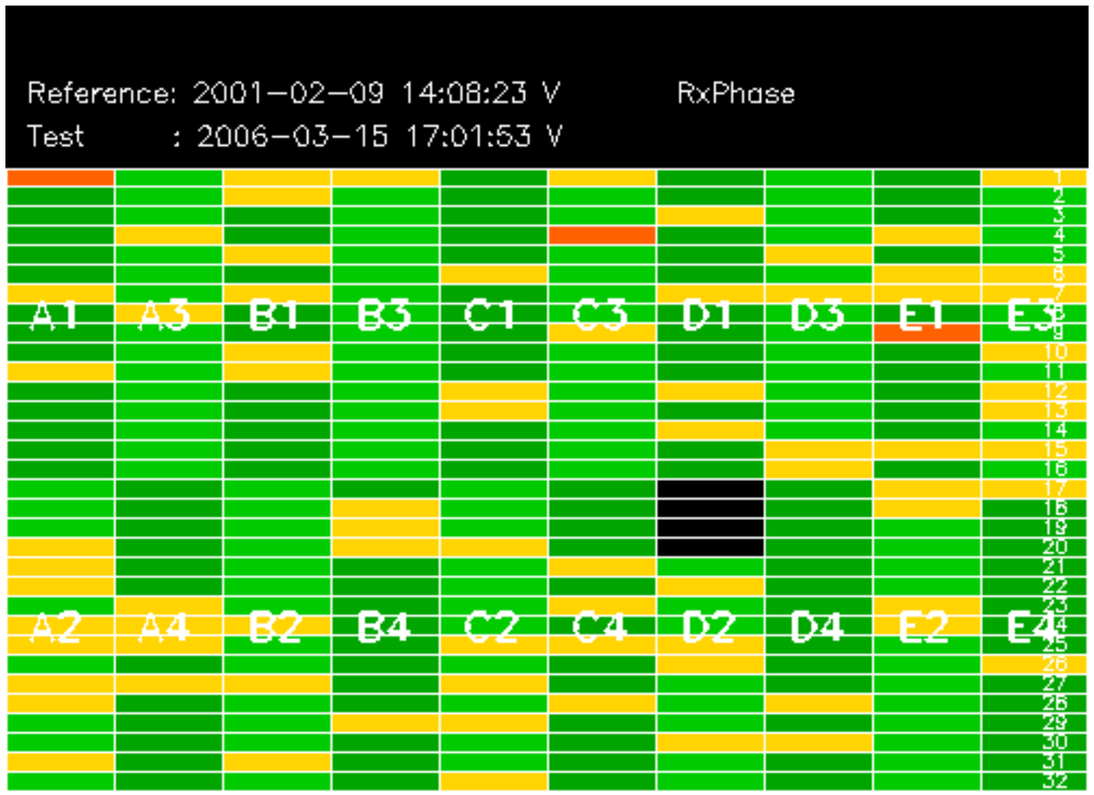
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-15 17:01:53 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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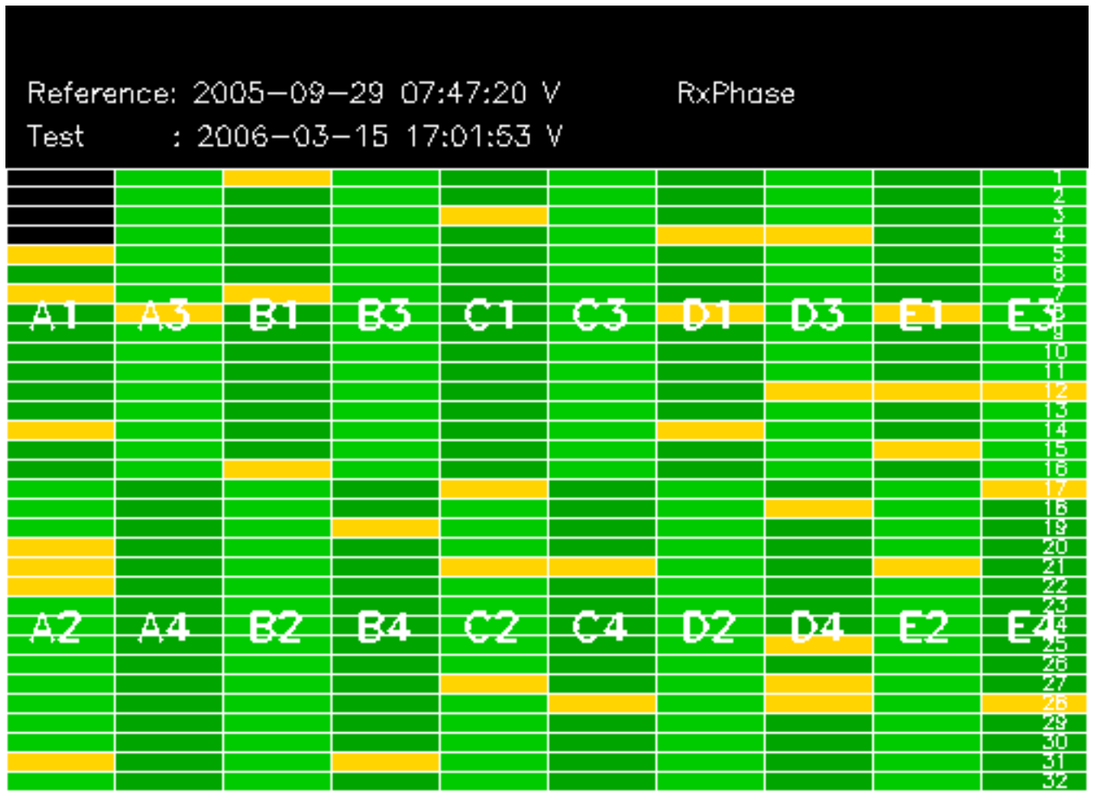
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-15 17:01:53 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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E4
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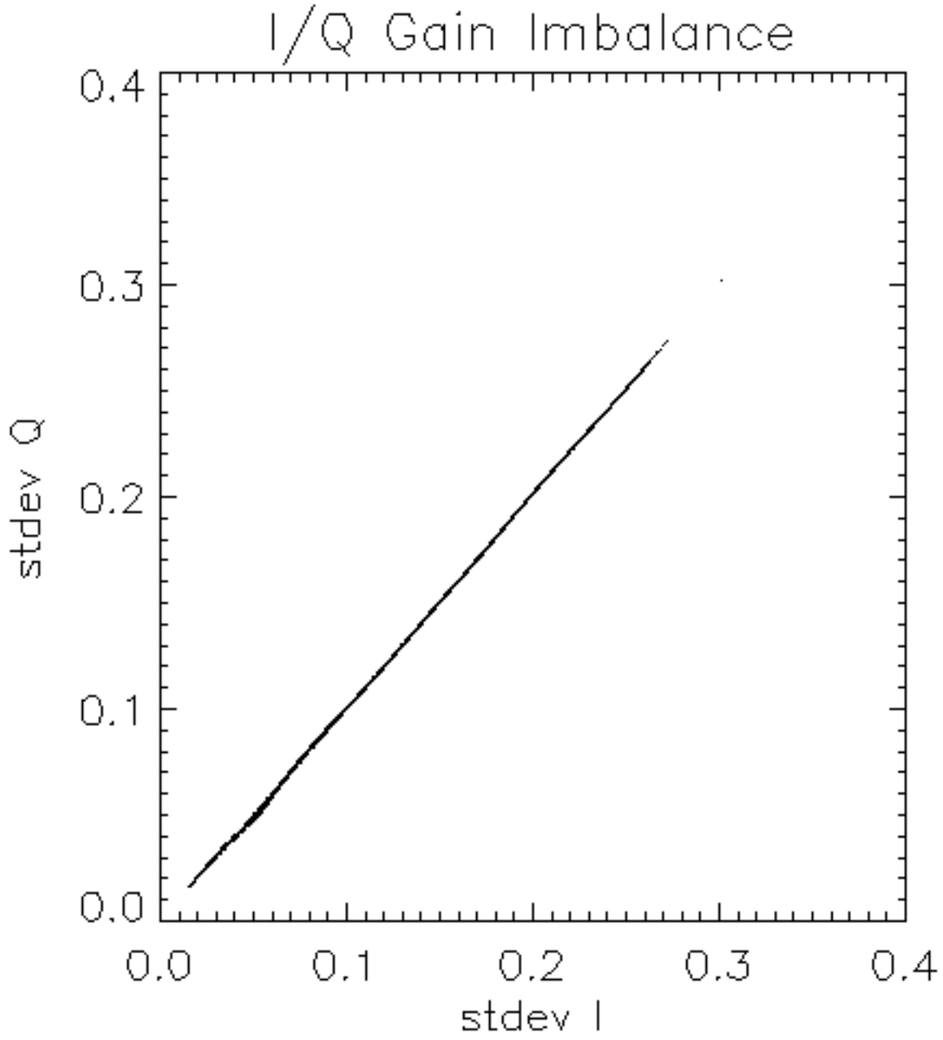
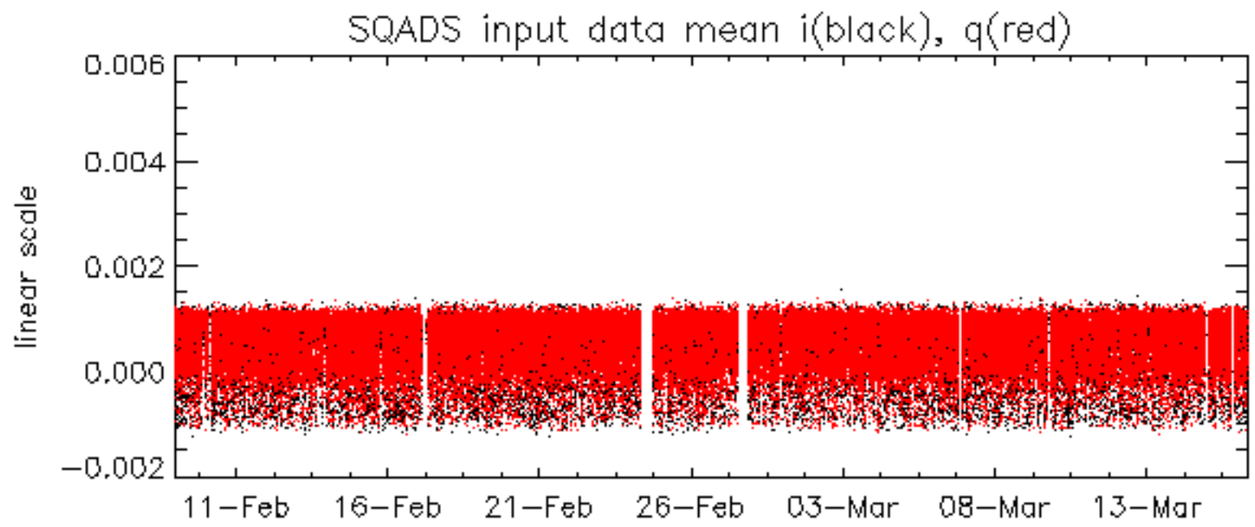
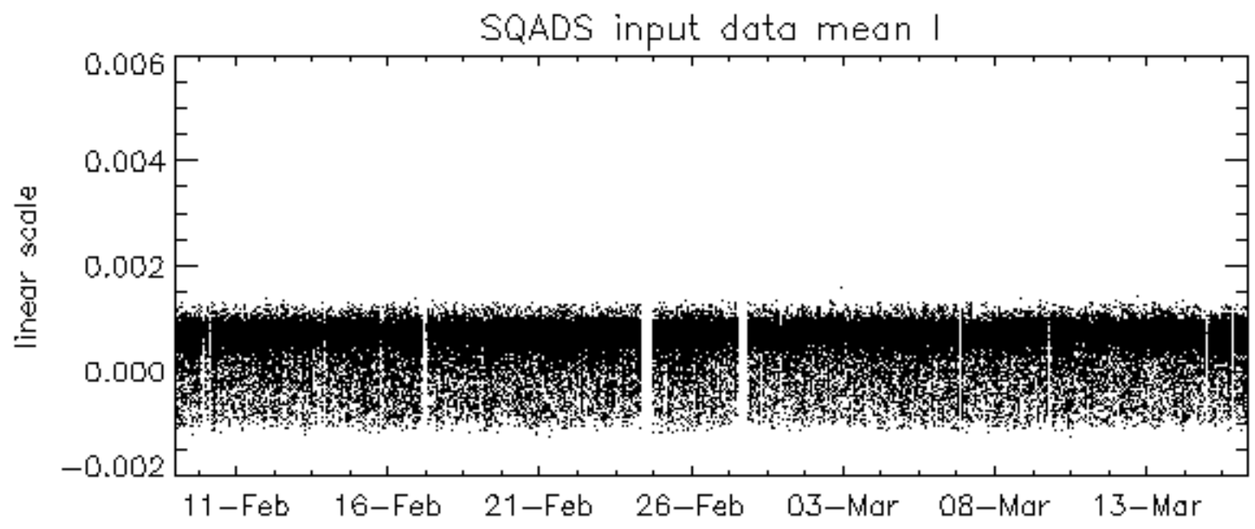
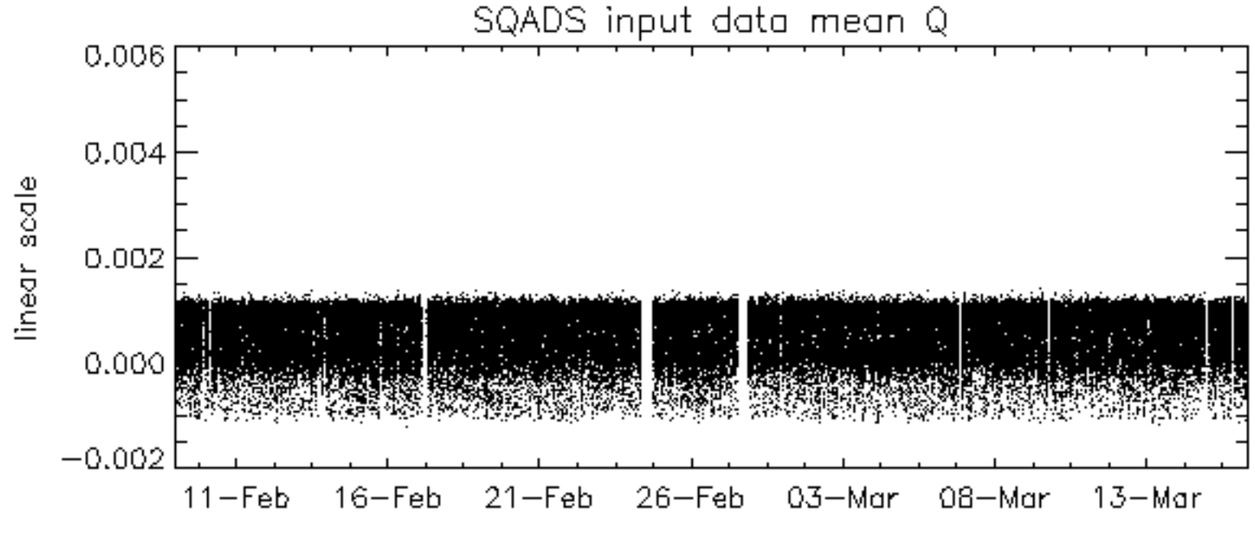
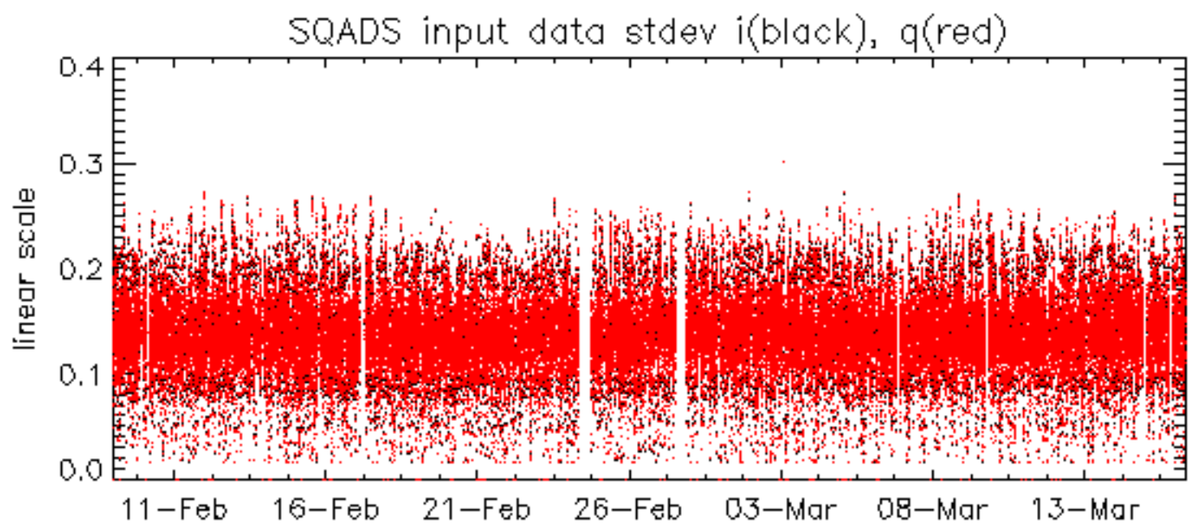
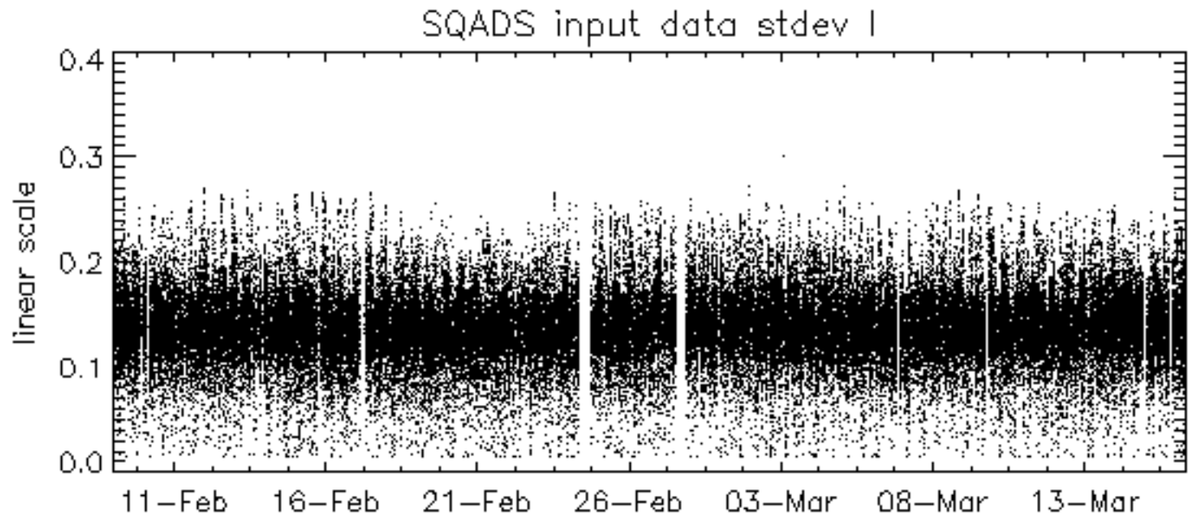

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

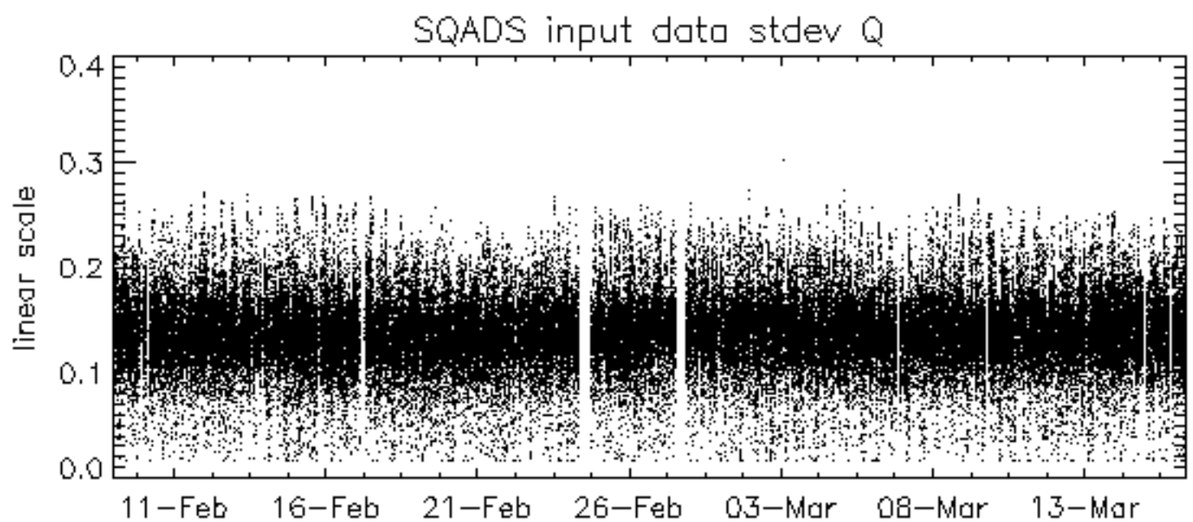

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar

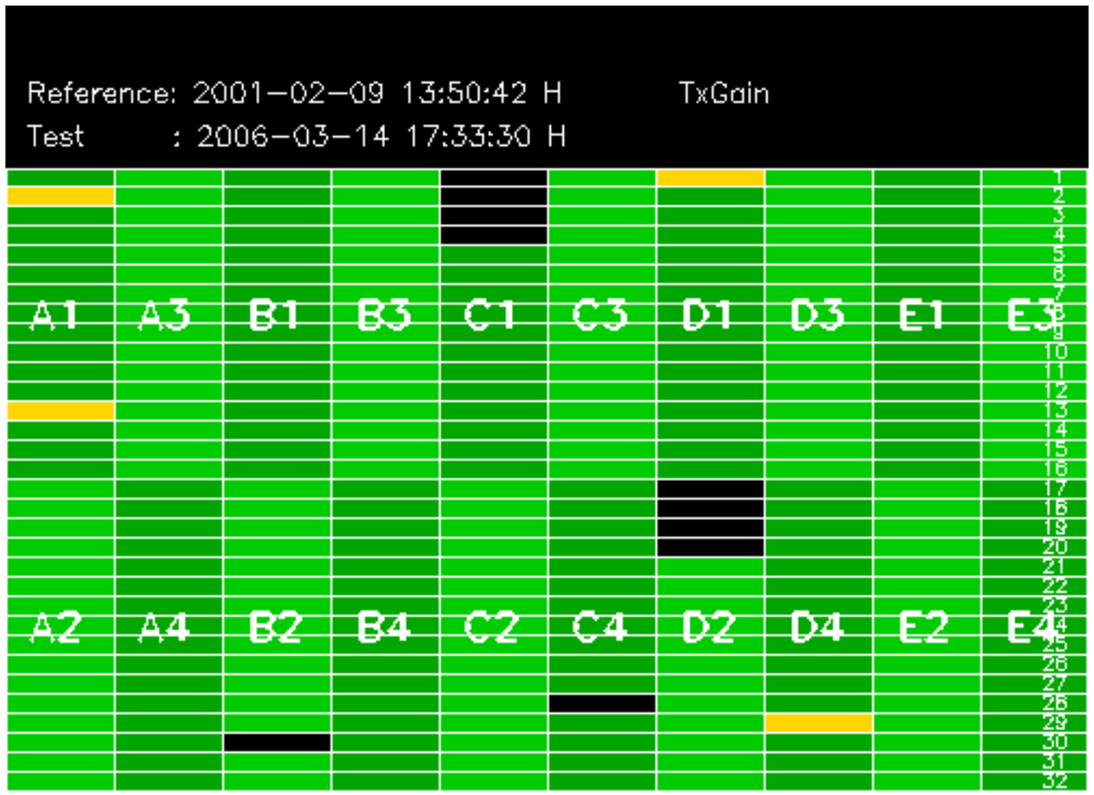

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar


SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar


SQADS input data stdev i(black), q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
13−Mar


Reference: 2001-02-09 13:50:42 H
Test : 2006-03-14 17:33:30 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
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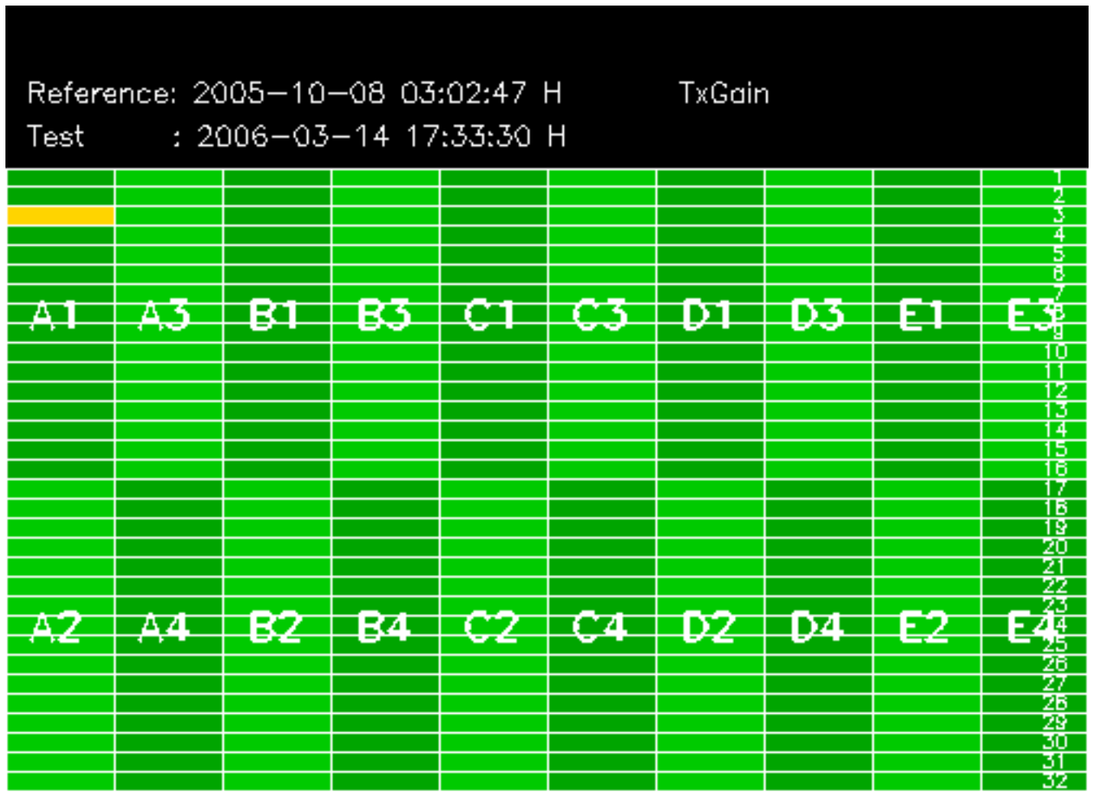
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-14 17:33:30 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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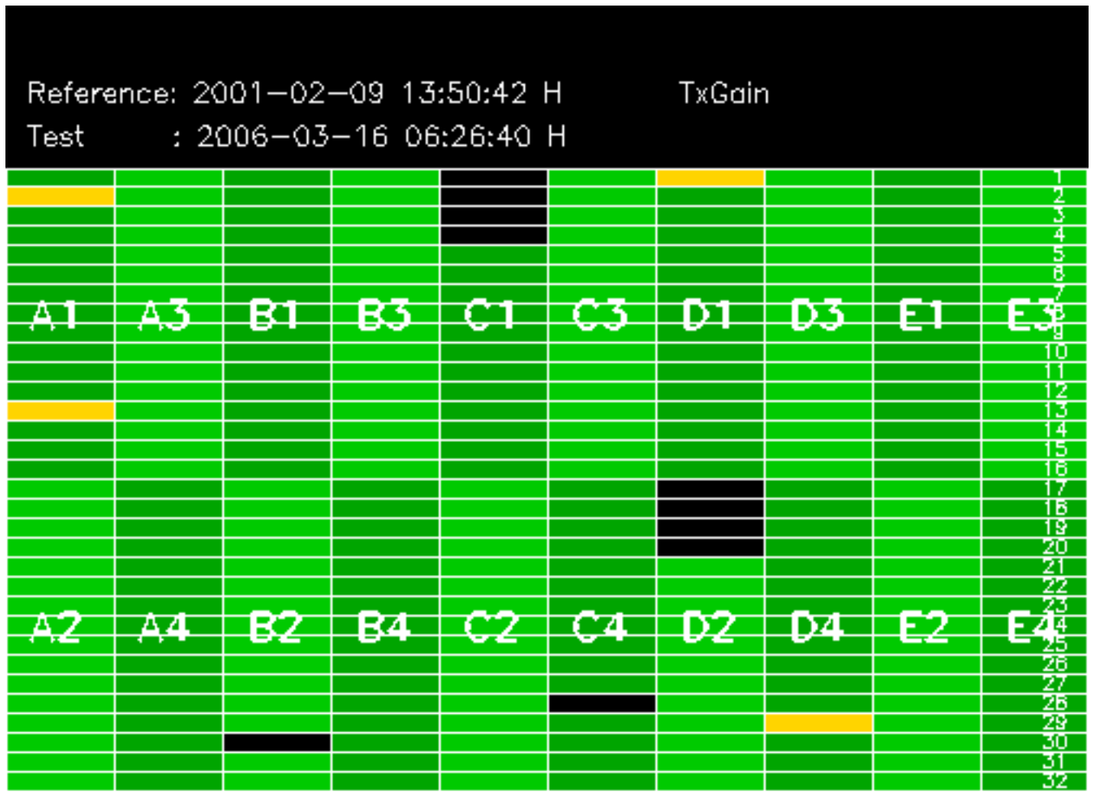
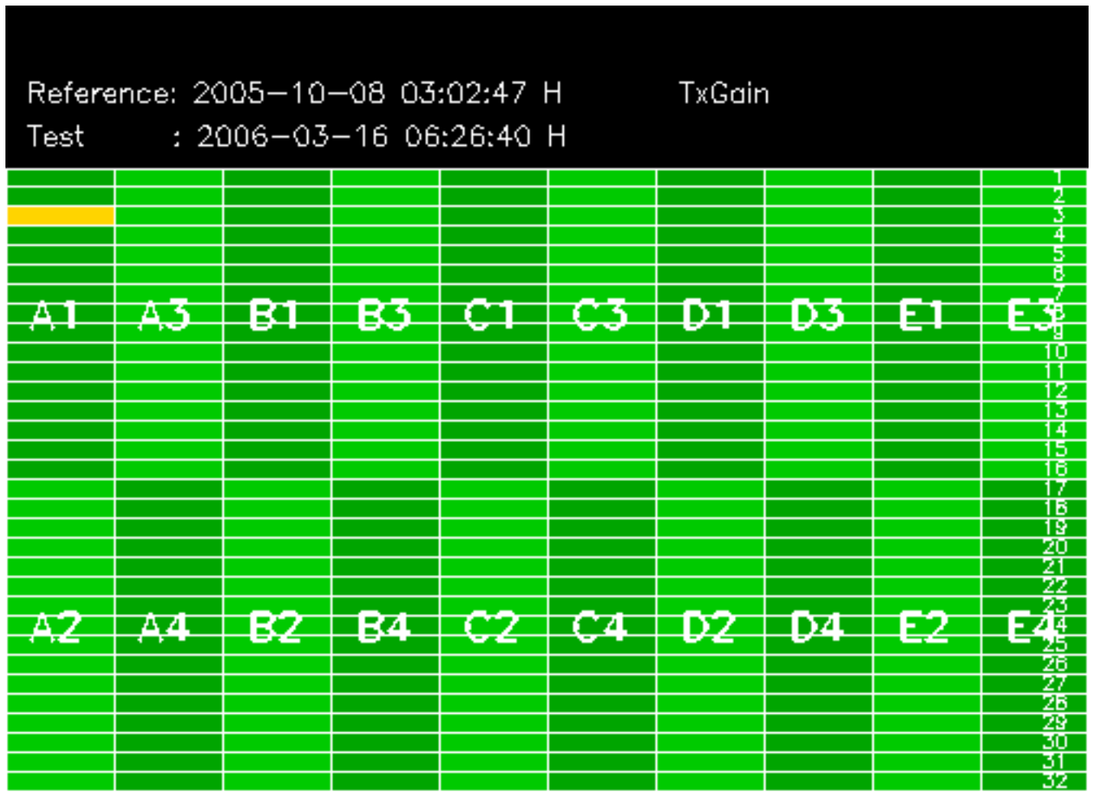

Reference: 2001-02-09 13:50:42 H
Test : 2006-03-16 06:26:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-03-16 06:26:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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C4
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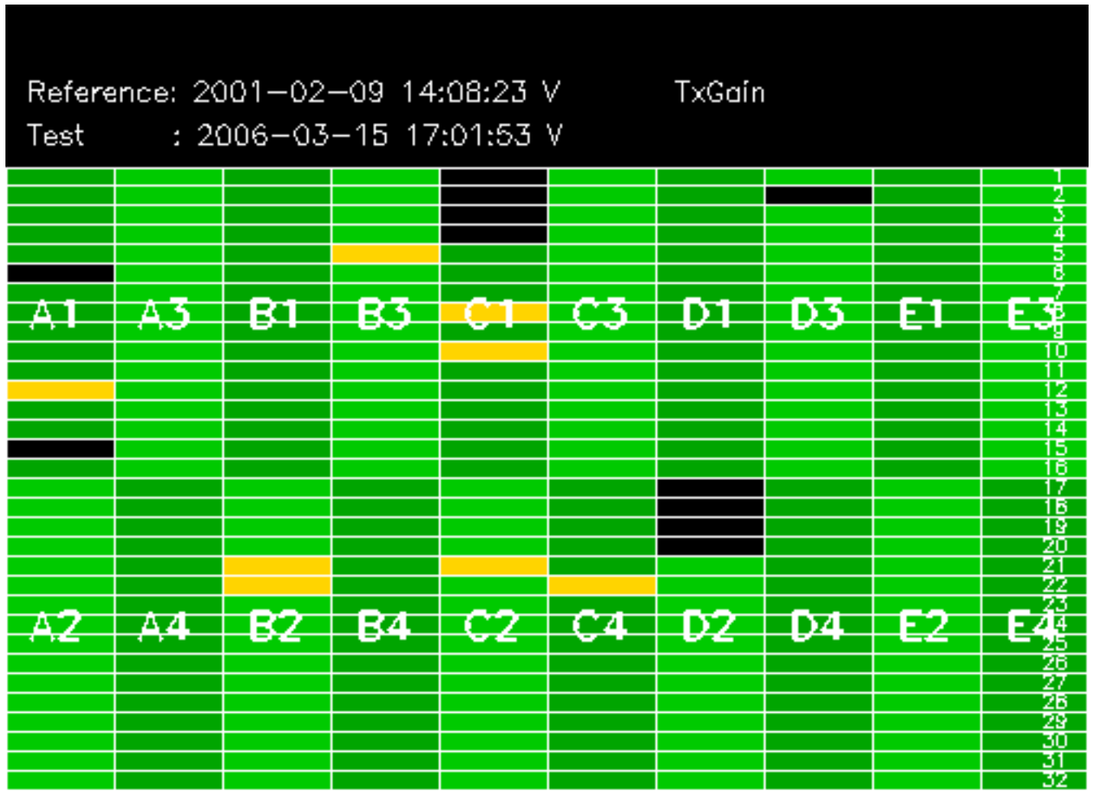
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-15 17:01:53 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
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C4
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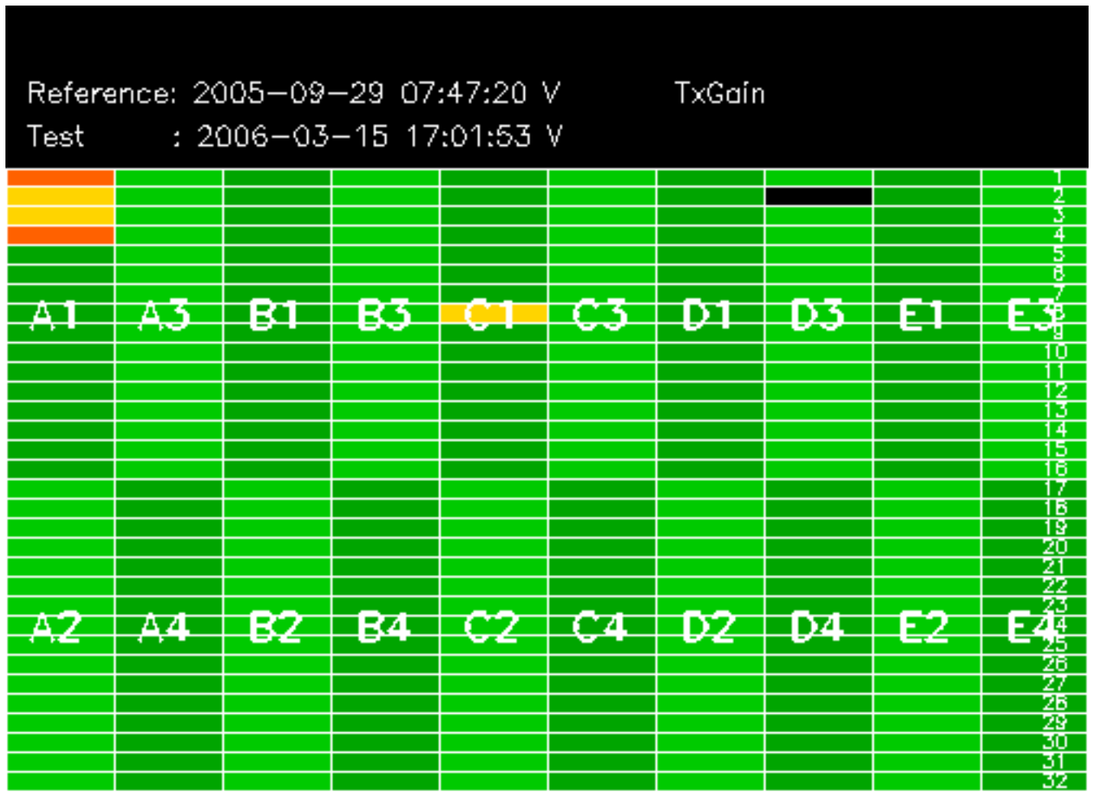
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-03-15 17:01:53 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
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B4
C2
C4
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Summary of analysis for the last 3 days 2006031[456]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060314_134140_000000372046_00010_21106_0829.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20060314_153600_000000352046_00011_21107_0830.N1 </td> <td>1 </td> <td>0 </td></tr>
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<tr> <td>ASA_IMM_1PNPDE20060315_155429_000000372046_00026_21122_0885.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_IMM_1PNPDK20060315_124554_000000702046_00024_21120_0330.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WVS_1PNPDE20060315_003528_000000002046_00016_21112_0236.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_GM1_1PNPDK20060314_155431_000003742046_00011_21107_0319.N1 </td> <td>0 </td> <td>17 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060314_135201_000000852046_00010_21106_0704.N1 </td> <td>0 </td> <td>29 </td></tr>
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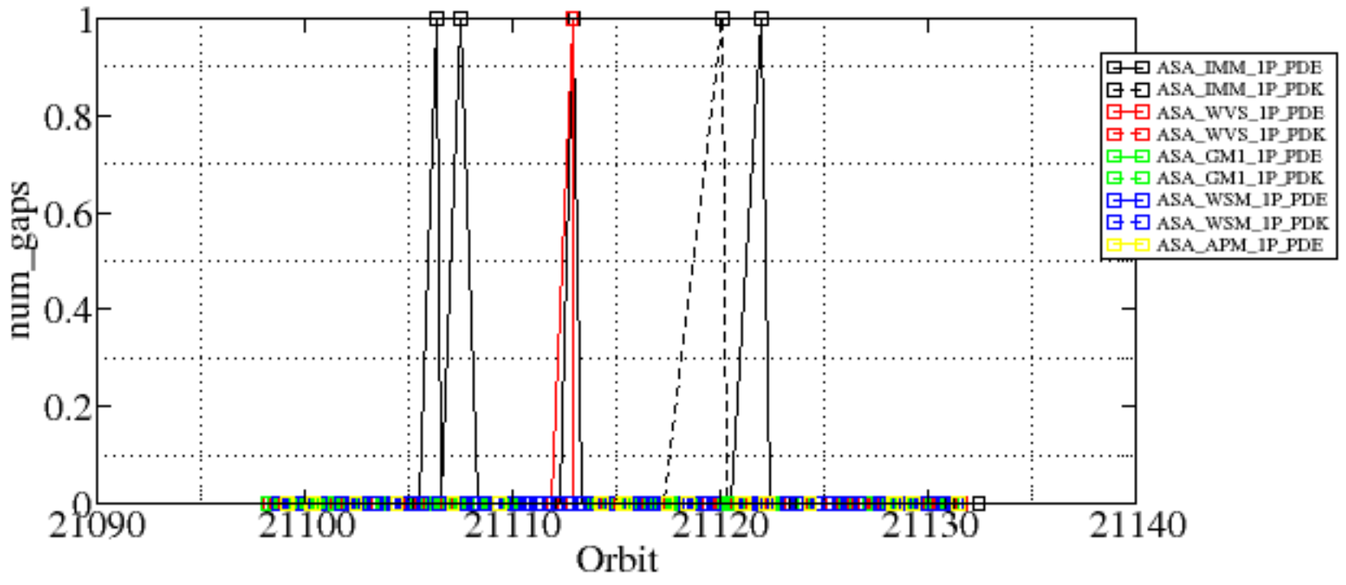
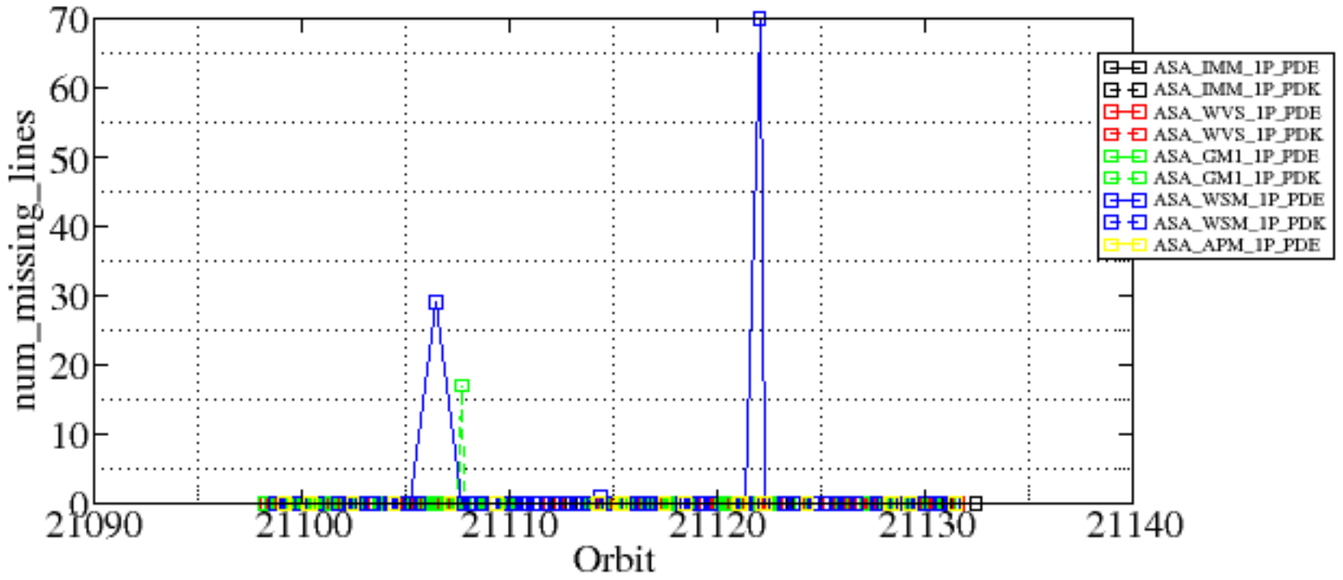
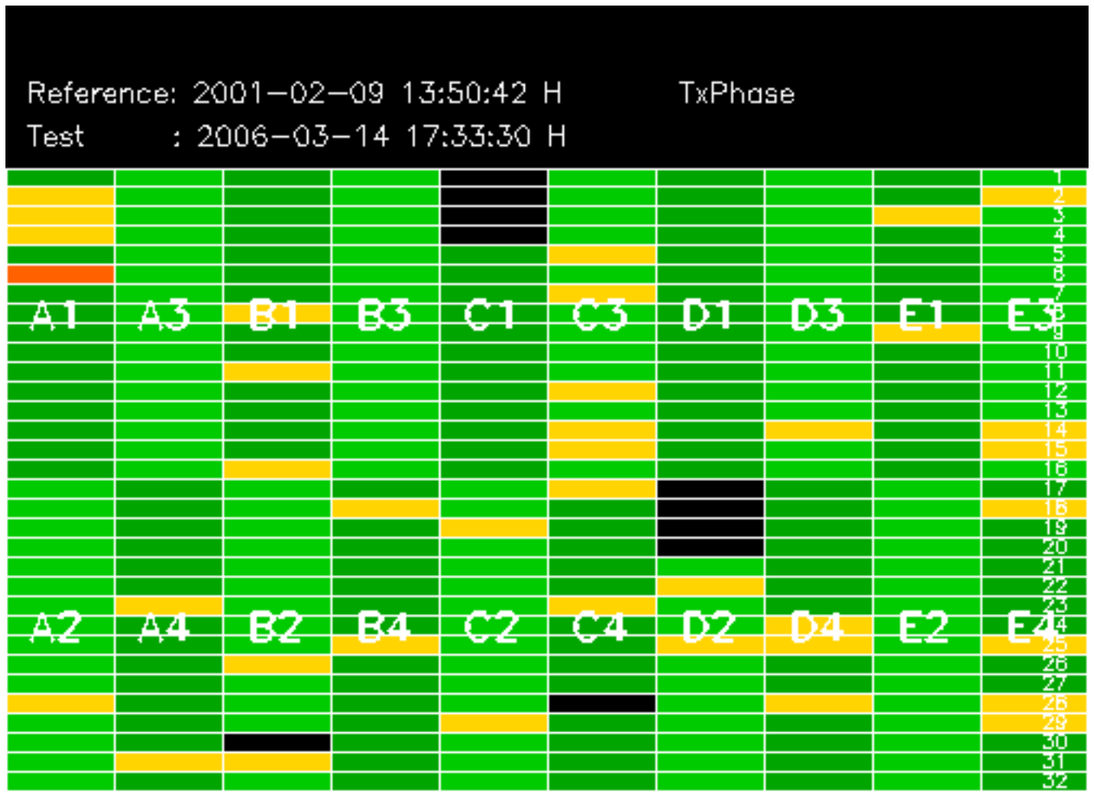

num_gaps
1
0.8
0.6
0.4
0.2
0
21090
21100
21110
21120
21130
21140
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


num_missing_lines
70
60
50
40
30
20
10
0
21090
21100
21110
21120
21130
21140
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


Reference: 2001-02-09 13:50:42 H
TxPhase
Test : 2006-03-14 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
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21
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29
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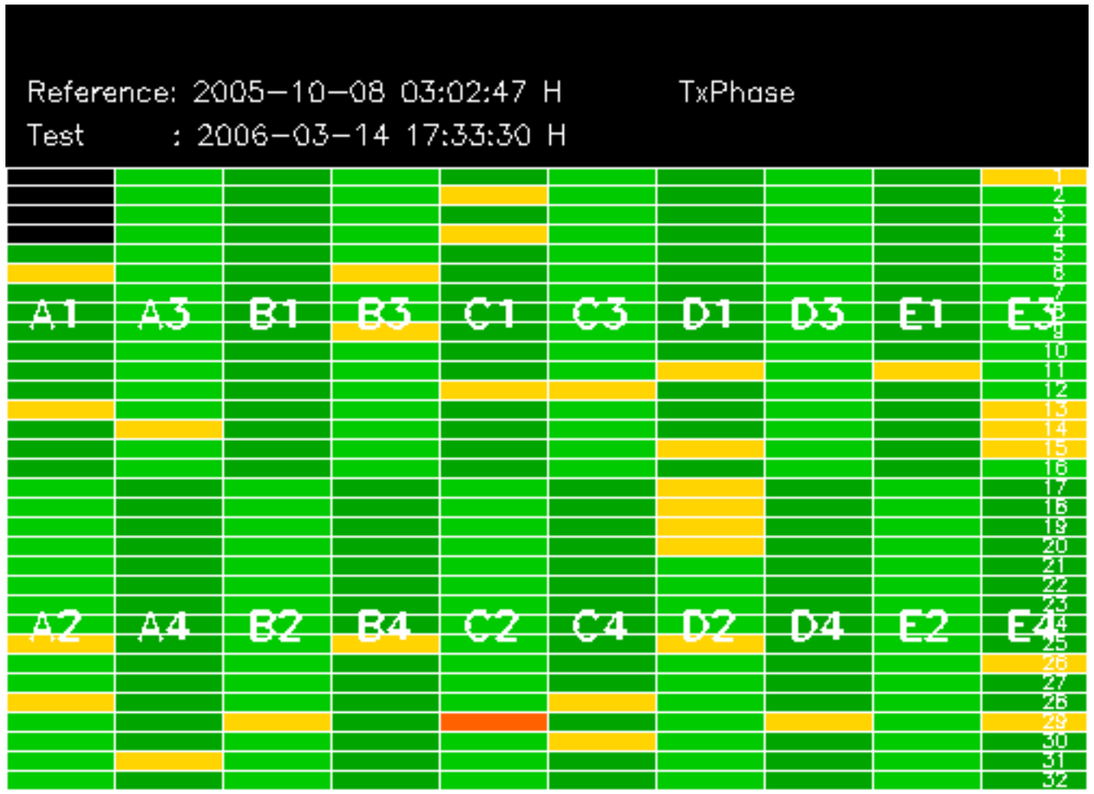
31
32


Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-03-14 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
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20
21
22
23
24
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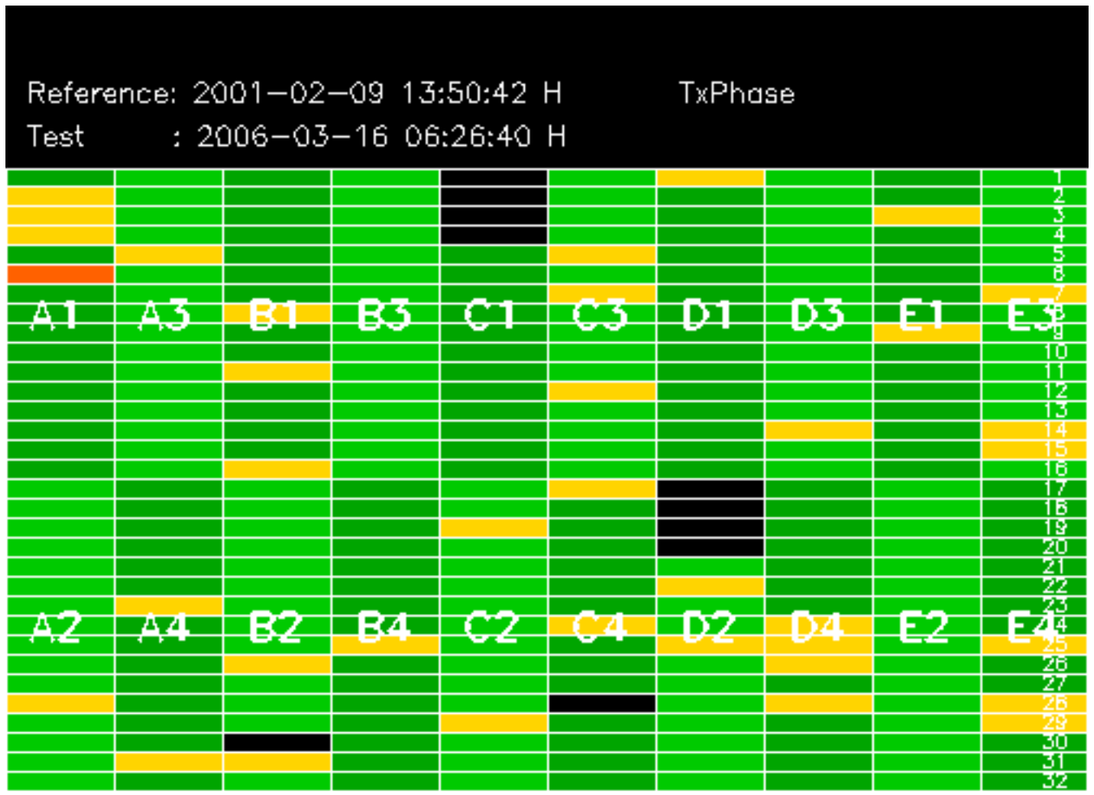
26
27
28
29
30
31
32


Reference: 2001-02-09 13:50:42 H
Test : 2006-03-16 06:26:40 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
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14
15
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17
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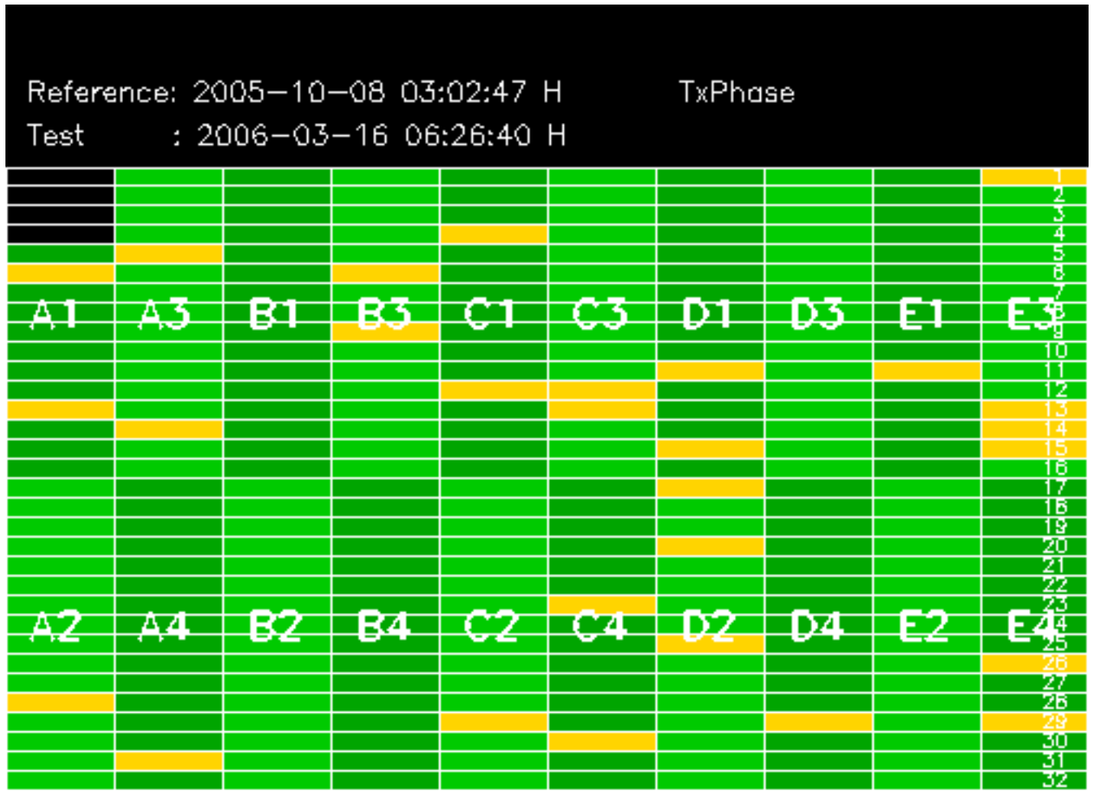
31
32


Reference: 2005-10-08 03:02:47 H
Test : 2006-03-16 06:26:40 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
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9
10
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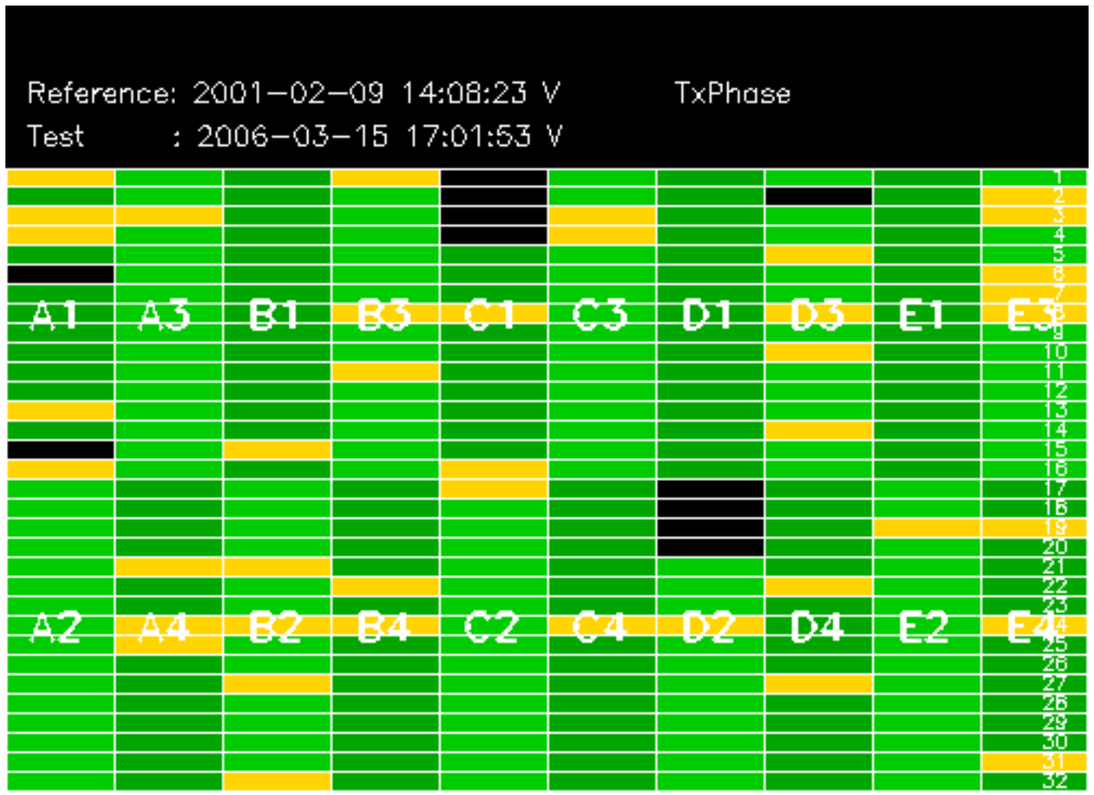
32


Reference: 2001-02-09 14:08:23 V
Test : 2006-03-15 17:01:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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4
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9
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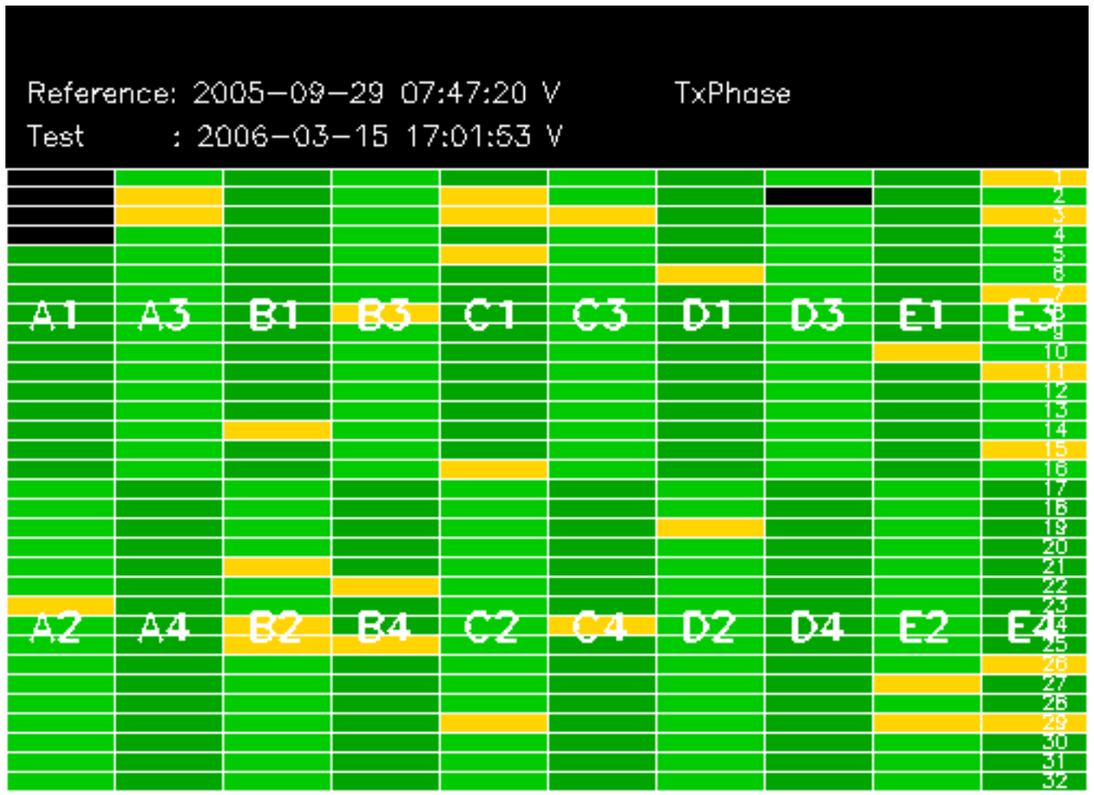
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-15 17:01:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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9
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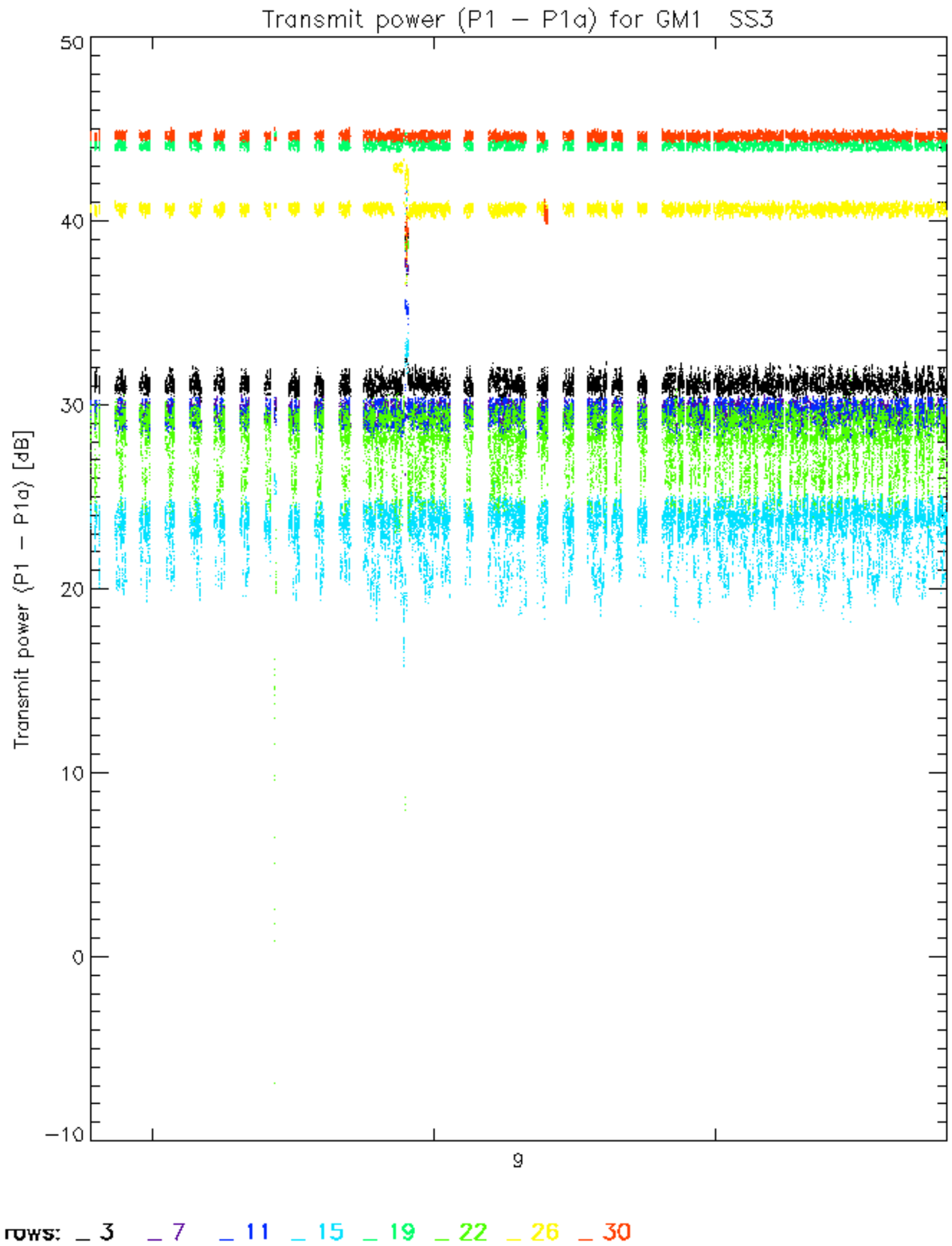
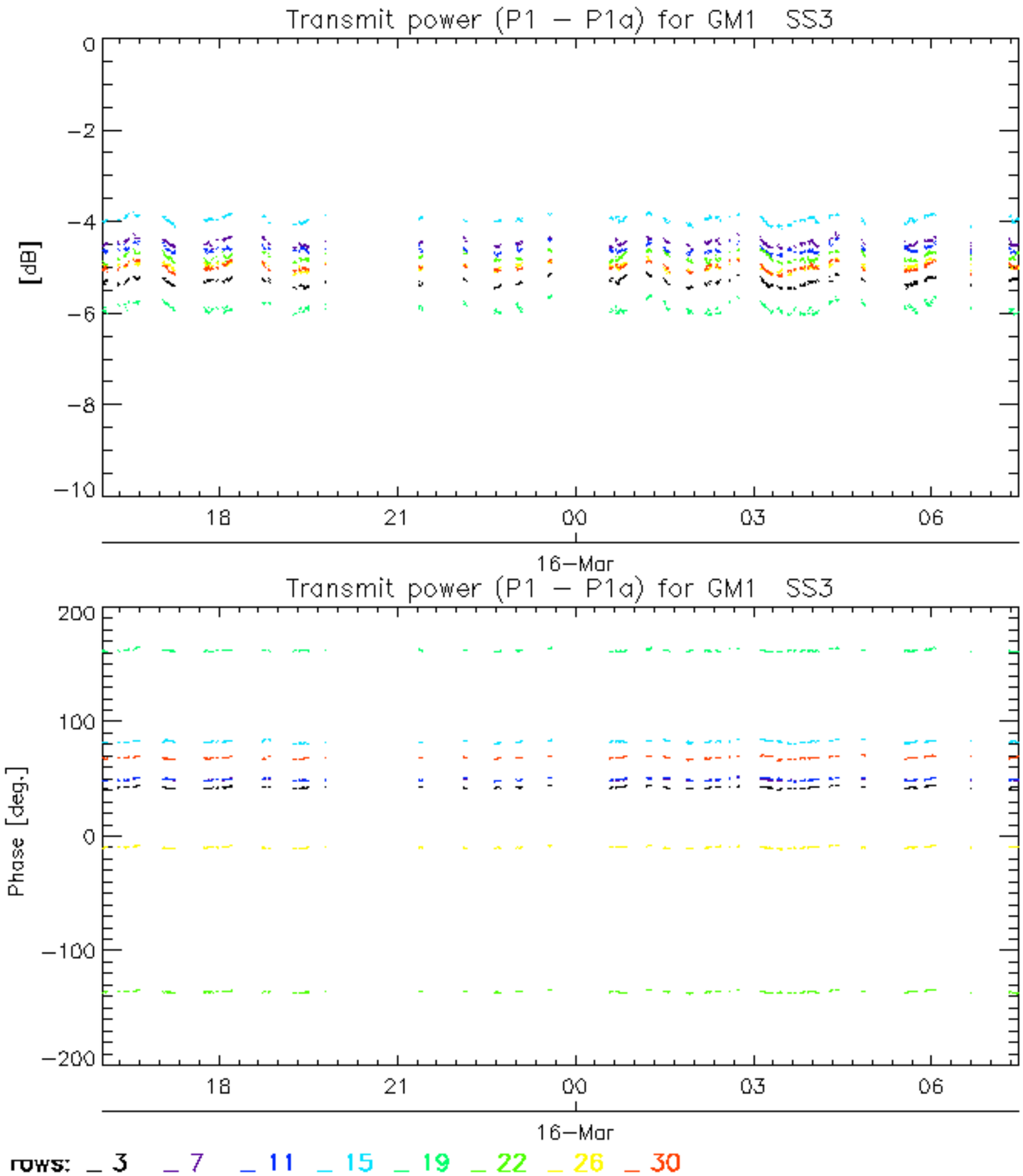
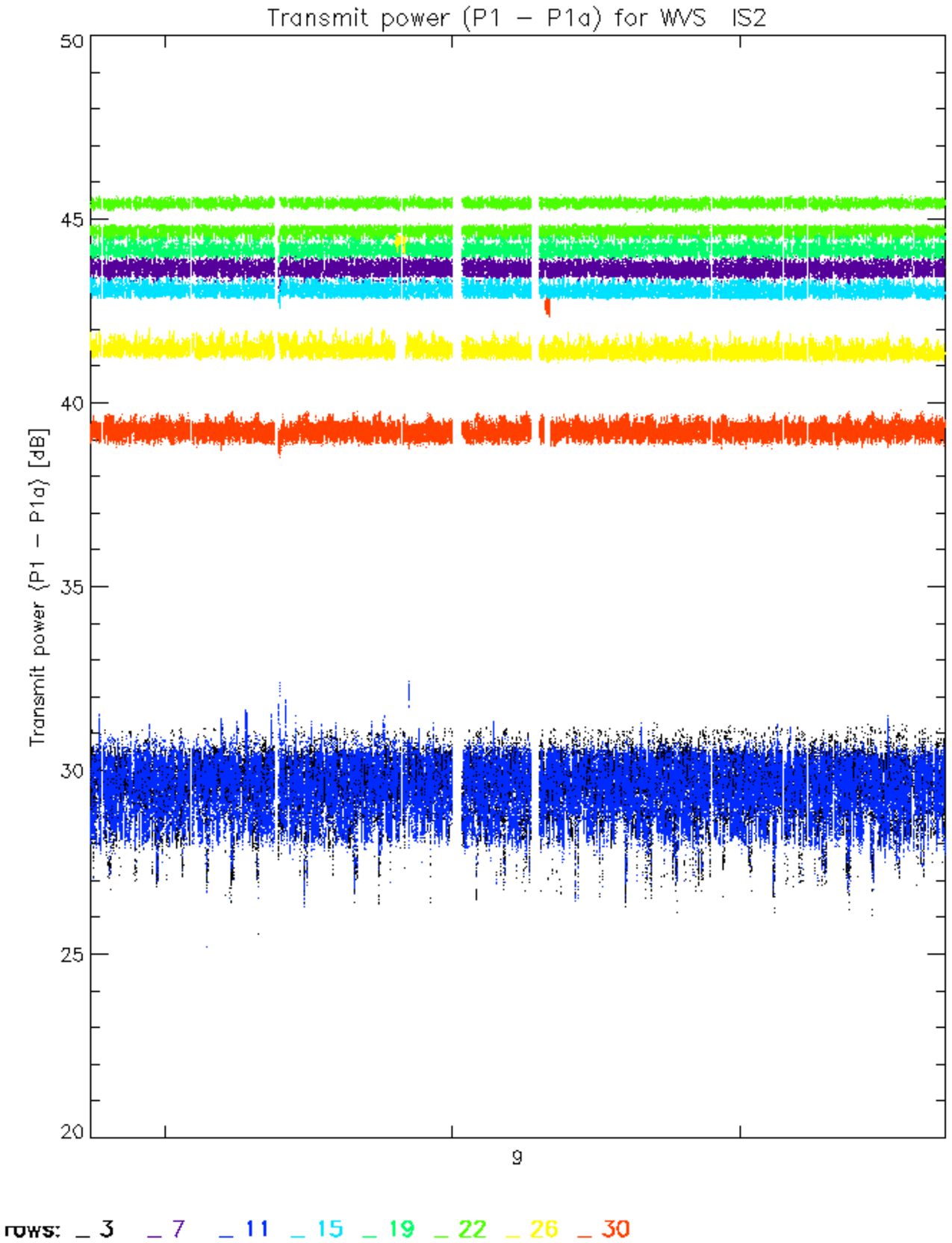
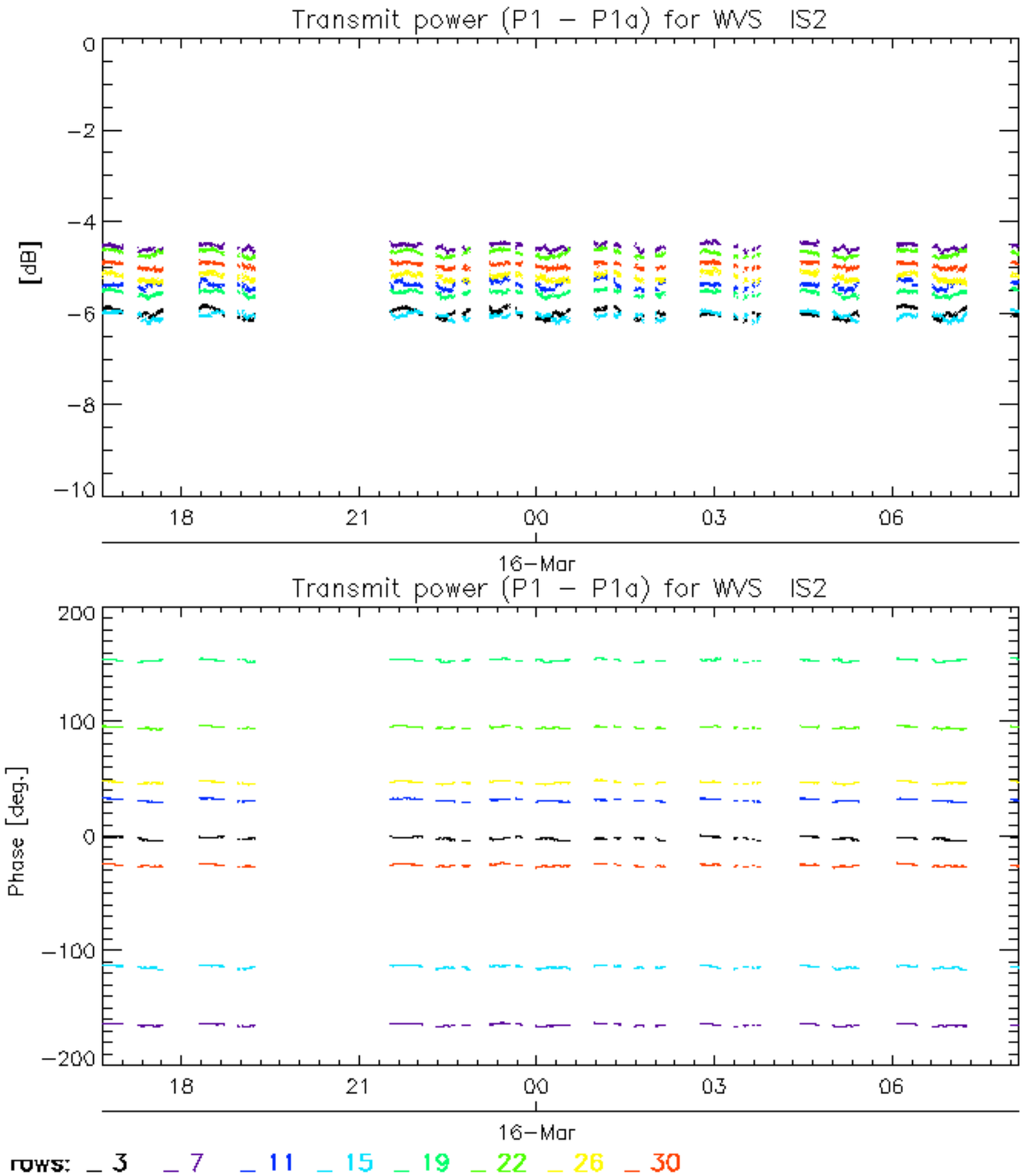

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
9
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
16–Mar
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
16–Mar
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
Transmit power (P1 – P1a) [dB]
50
45
40
35
30
25
20
9
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
16–Mar
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
16–Mar
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.