PRELIMINARY REPORT OF 060308

last update on Wed Mar 8 16:25:49 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 2006-03-07 00:00:00 to 2006-03-08 16:25:49

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	45	68	15	0	5
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	45	68	15	0	5
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	45	68	15	0	5
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	45	68	15	0	5

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	38	42	30	10	52
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	38	42	30	10	52
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	38	42	30	10	52
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	38	42	30	10	52

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	20060307 042850
H	20060308 071825

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	-4.002882	0.009689	-0.016079
7	P1	-3.002264	0.008791	-0.032877
11	P1	-4.070344	0.021146	0.057465
15	P1	-6.073395	0.022029	-0.042839
19	P1	-3.283301	0.006772	-0.039111
22	P1	-4.459178	0.015123	0.007306
26	P1	-4.209489	0.119612	0.029037
30	P1	-5.808707	0.170707	-0.109962
3	P1	-16.976707	0.249674	-0.075679
7	P1	-16.697586	0.103055	-0.127336
11	P1	-16.511000	0.330198	0.143071
15	P1	-13.058146	0.095643	0.035498
19	P1	-13.917262	0.056796	-0.082550
22	P1	-15.595526	0.479437	0.112951
26	P1	-15.762117	0.328337	-0.077916
30	P1	-16.478132	0.331764	0.036943

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.424013	0.087140	0.128277
7	P2	-22.393934	0.093582	0.051250
11	P2	-16.233404	0.099866	0.040658
15	P2	-7.168094	0.098657	0.007201
19	P2	-9.135561	0.090786	0.007183
22	P2	-17.933559	0.090502	-0.032816
26	P2	-16.207439	0.093932	-0.015631
30	P2	-19.641315	0.083954	-0.040380

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.193882	0.006328	-0.010021
7	P3	-8.193882	0.006328	-0.010021
11	P3	-8.193882	0.006328	-0.010021
15	P3	-8.193882	0.006328	-0.010021
19	P3	-8.193882	0.006328	-0.010021
22	P3	-8.193882	0.006328	-0.010021
26	P3	-8.193882	0.006328	-0.010021
30	P3	-8.193882	0.006328	-0.010022

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	-3.872466	4.351514	0.051190
7	P1	-2.872890	4.565835	0.104354
11	P1	-3.056734	4.594968	0.062629
15	P1	-3.703174	4.553164	0.055292
19	P1	-3.498709	4.418179	0.031351
22	P1	-5.289137	4.054465	0.031982
26	P1	-6.009868	4.301816	0.135112
30	P1	-5.332315	4.099224	0.026220
3	P1	-11.669095	2.848077	0.069686
7	P1	-10.062250	3.152499	0.048136
11	P1	-10.352800	3.139152	-0.041756
15	P1	-10.896811	3.130166	-0.024113
19	P1	-15.487182	2.305004	-0.019054
22	P1	-20.318836	2.813915	0.104486

26	P1	-16.343031	2.907608	0.167707
30	P1	-18.375648	2.067670	-0.053634

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.125889	2.996943	0.137142
7	P2	-22.550215	3.490397	0.014676
11	P2	-11.300444	3.259015	0.102306
15	P2	-4.946974	4.236014	0.057386
19	P2	-6.953239	3.813222	0.056881
22	P2	-8.237388	3.577928	0.016668
26	P2	-23.860987	3.591865	-0.086214
30	P2	-22.019321	3.396779	-0.050341

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.024182	0.002666	-0.003842
7	P3	-8.024176	0.002664	-0.003985
11	P3	-8.024204	0.002672	-0.003801
15	P3	-8.024311	0.002667	-0.004304
19	P3	-8.024191	0.002683	-0.003388
22	P3	-8.024301	0.002661	-0.003997
26	P3	-8.024274	0.002668	-0.003504
30	P3	-8.024157	0.002663	-0.003726

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	0.000552793
	stdev	1.77252e-07
MEAN Q	mean	0.000511565
	stdev	2.22043e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.137938
	stdev	0.00119296
STDEV Q	mean	0.138297
	stdev	0.00121083

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006030[678]
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_1PNPDE20060307_003803_000000502045_00403_20998_5624.N1	1	0
ASA_IMM_1PNPDE20060307_115630_000002682045_00410_21005_5678.N1	1	0
ASA_WVS_1PNPDE20060306_220602_000000002045_00401_20996_0000.N1	1	0
ASA_WVS_1PNPDE20060306_220602_000000002045_00401_20996_0002.N1	1	0
ASA_WSM_1PNPDE20060307_164740_000001842045_00413_21008_0007.N1	0	8

ASA_WSM_1PNPDE20060307_183059_000001282045_00414_21009_0015.N1	0	18

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

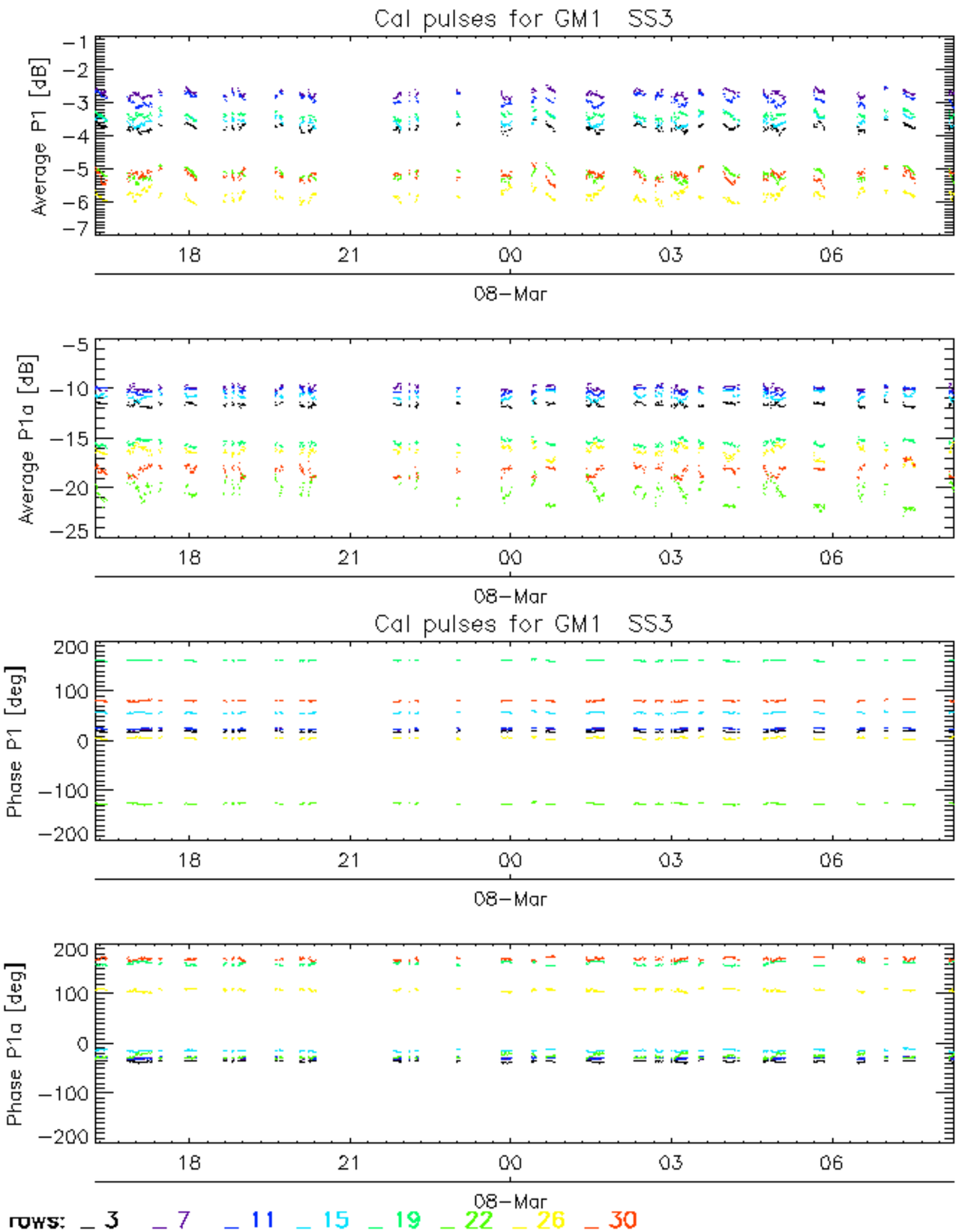
Evolution of unbiased Doppler error (Real - Expected)
☒
Acsending
☒
Descending

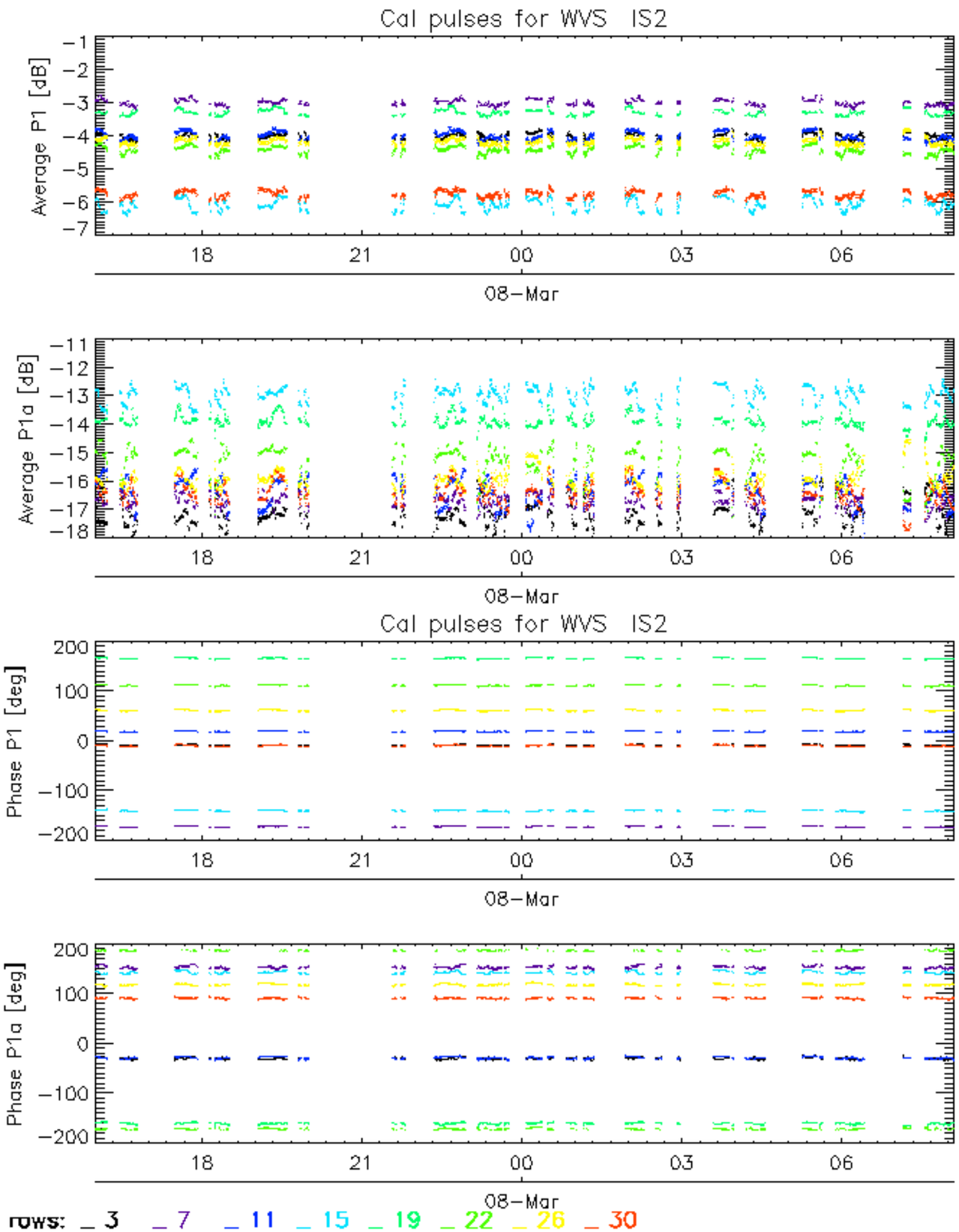
7.5 - Absolute Doppler for GM1

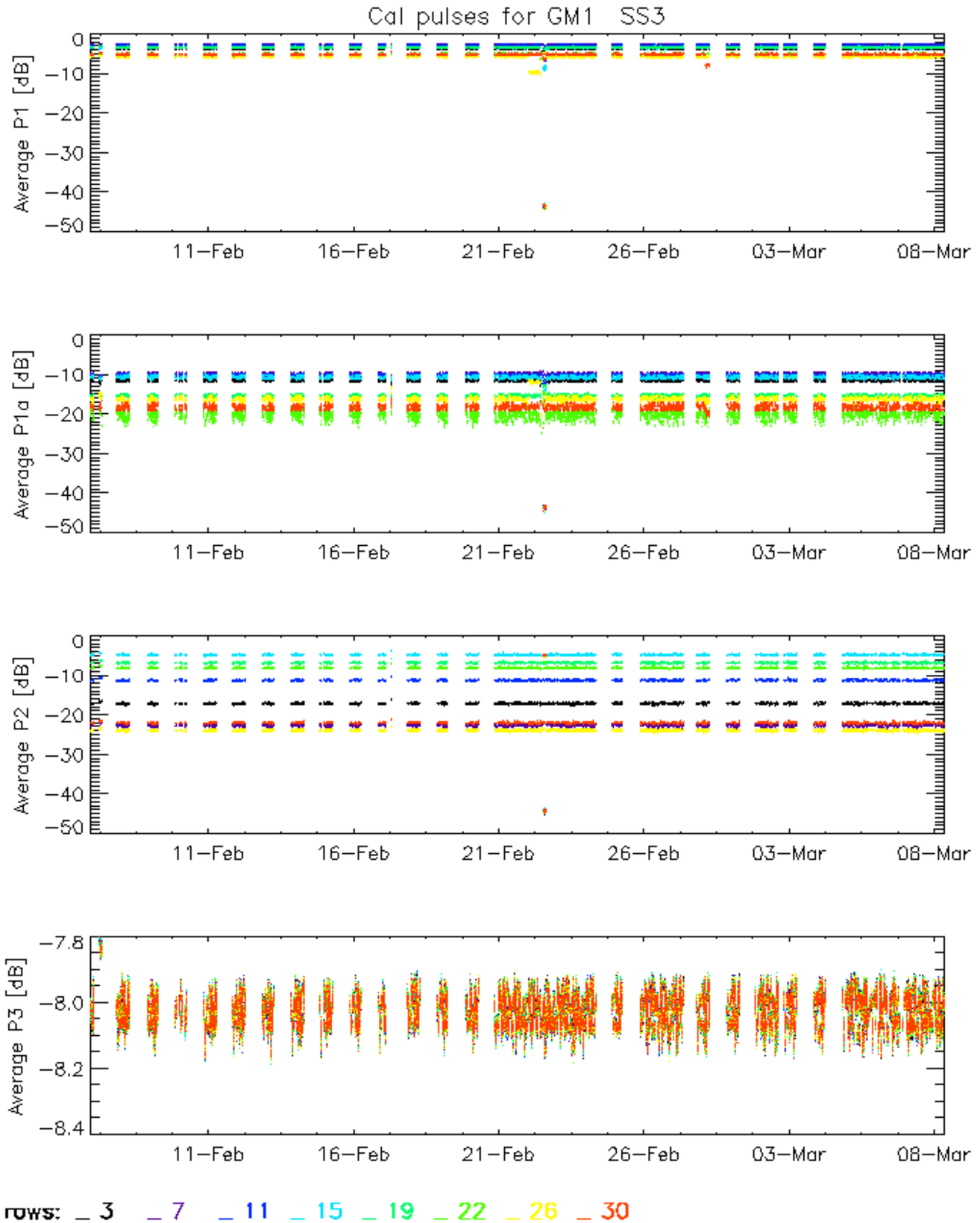
Evolution of Absolute Doppler
☒
Acsending
☒
Descending

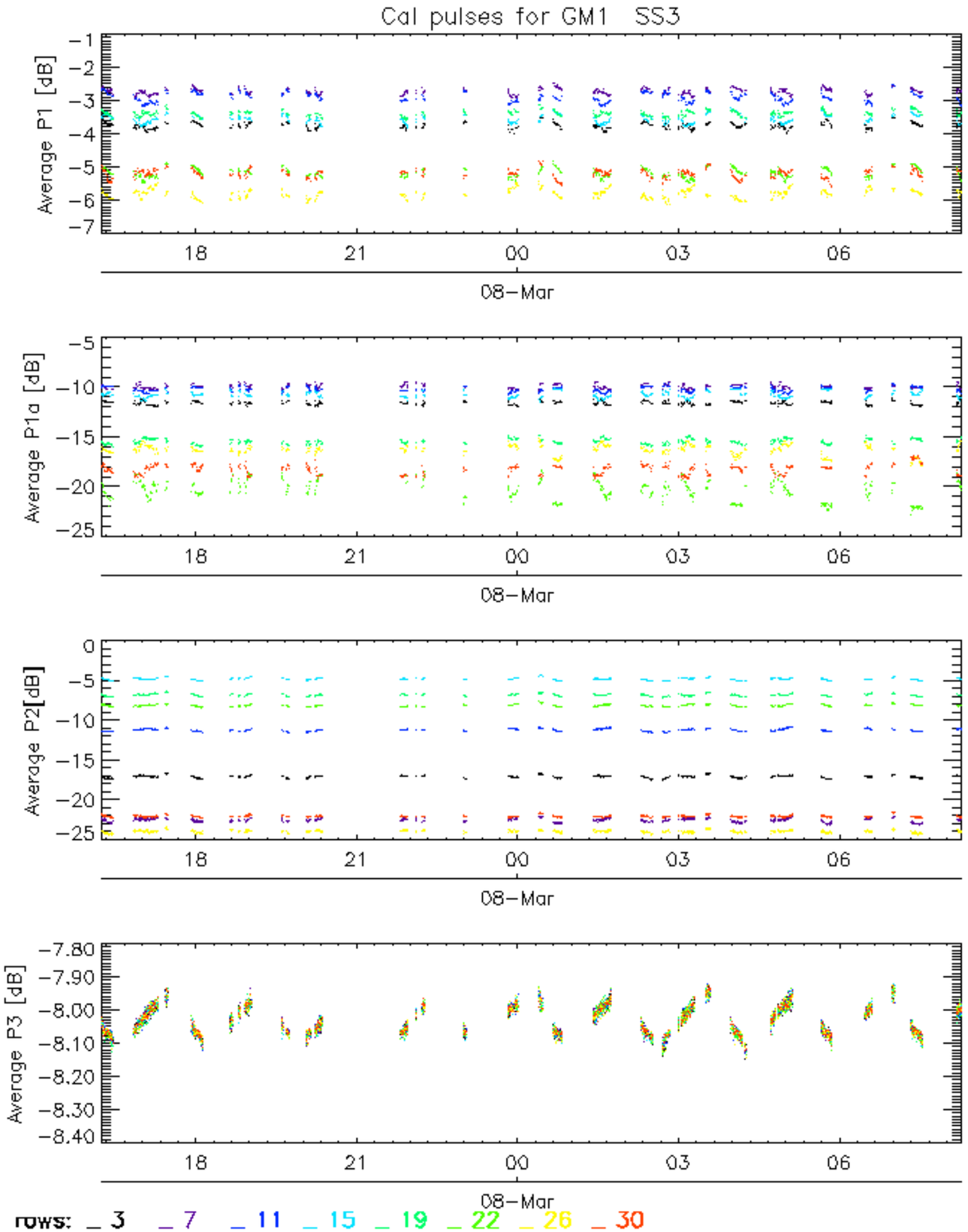
7.6 - Doppler evolution versus ANX for GM1

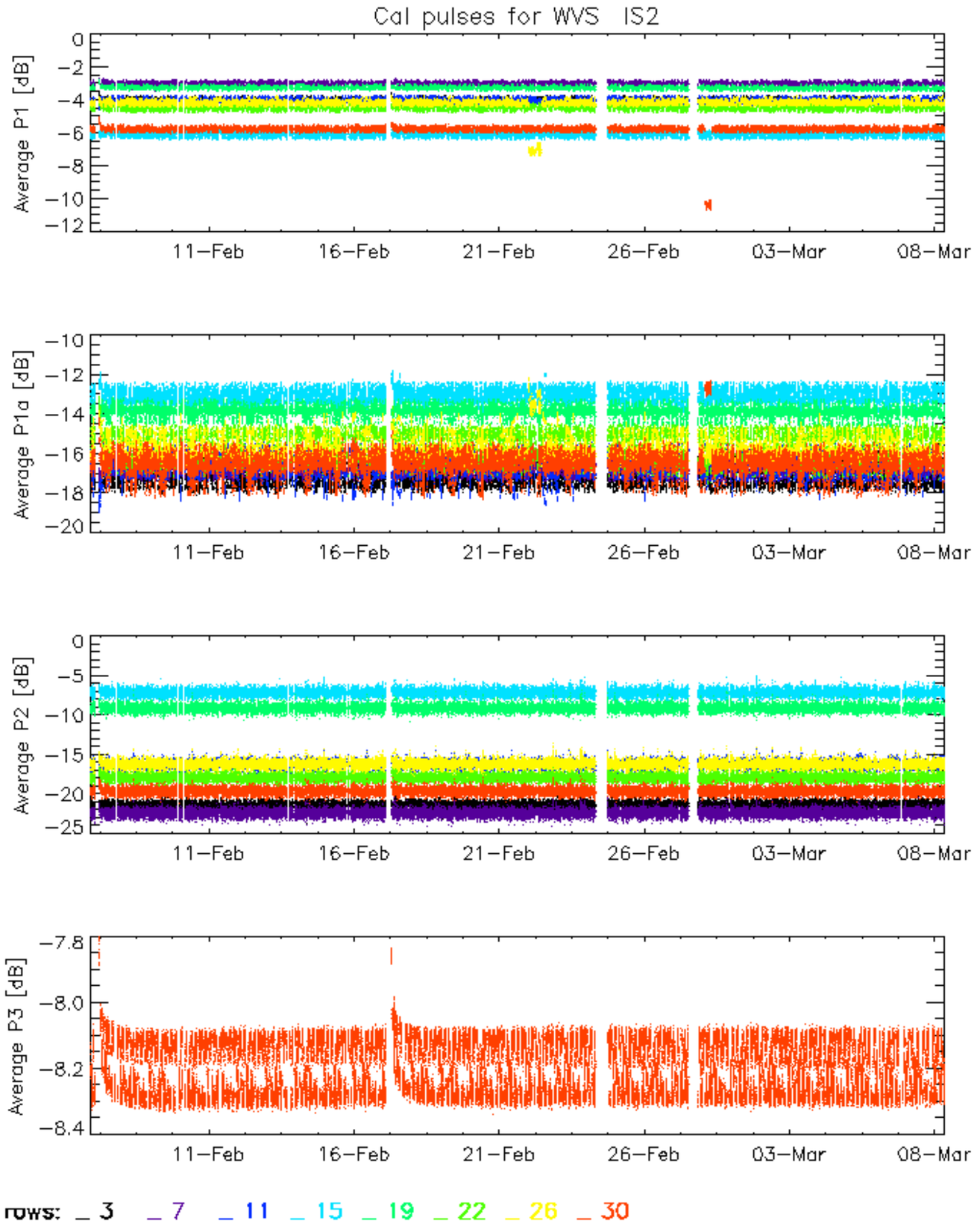
Evolution Doppler error versus ANX
☒

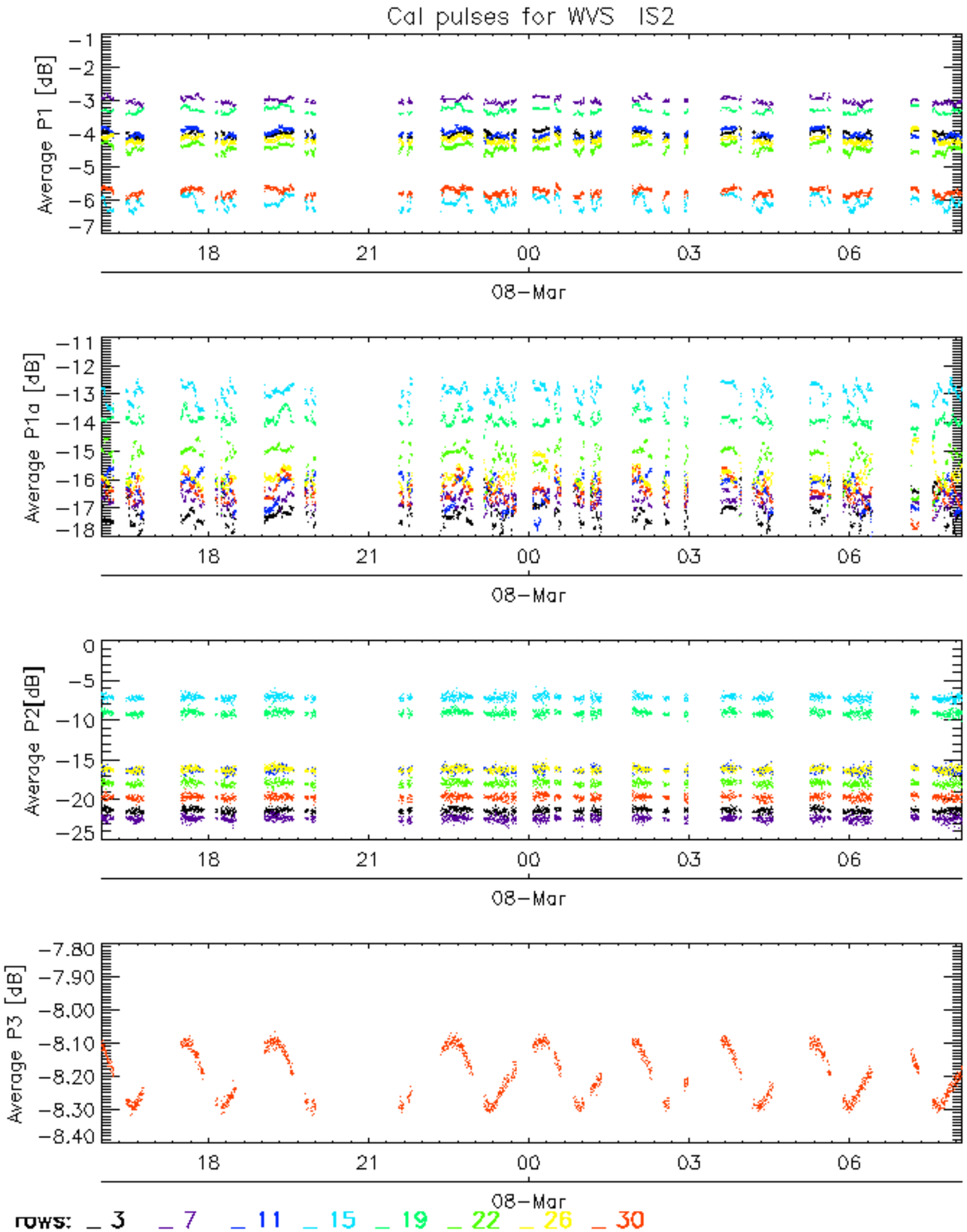

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
08−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
08−Mar
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
08−Mar
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
08−Mar
rows: _ 3 _ 7 _ 11 _ 15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


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
08−Mar
Average P1a [dB]
−11
−12
−13
−14
−15
−16
−17
−18
18
21
00
03
06
08−Mar
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
08−Mar
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
08−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
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

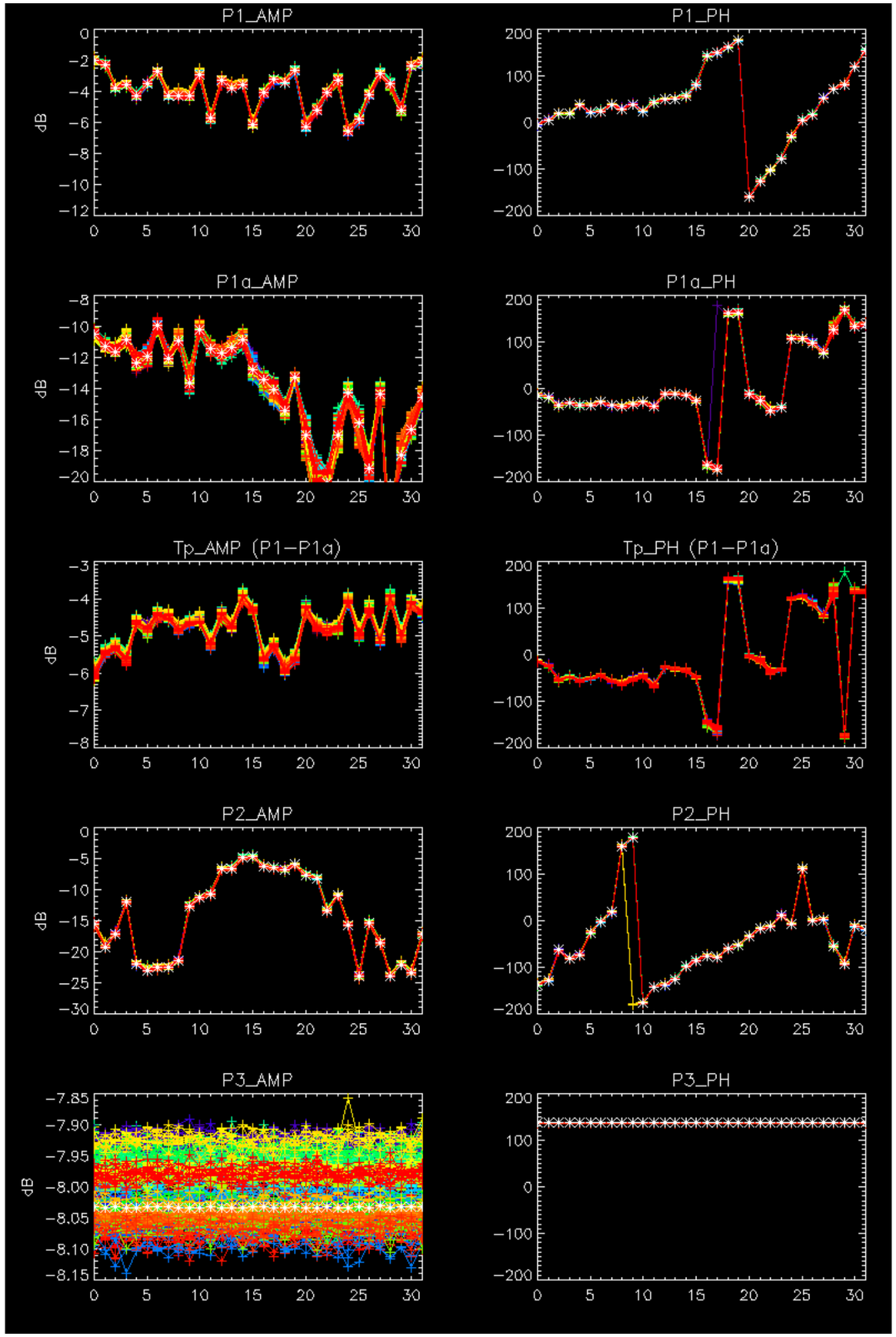

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
08−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
08−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
08−Mar
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
08−Mar
rows: _ 3 _ 7 _ 11 _ 15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

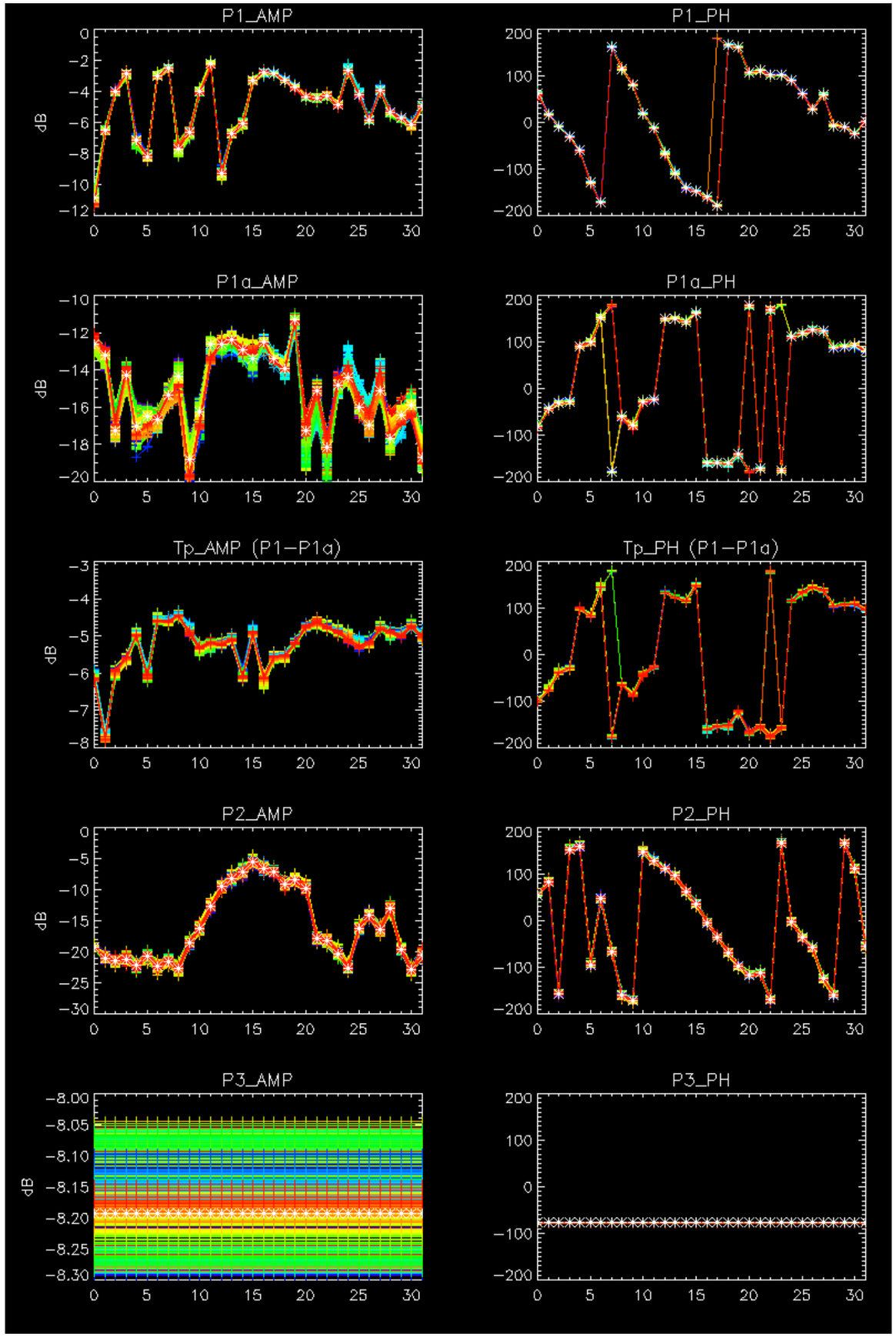

Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
−10
−12
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
08−Mar
Average P1a [dB]
−11
−12
−13
−14
−15
−16
−17
−18
18
21
00
03
06
08−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
08−Mar
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
08−Mar
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

No anomalies observed on available browse products

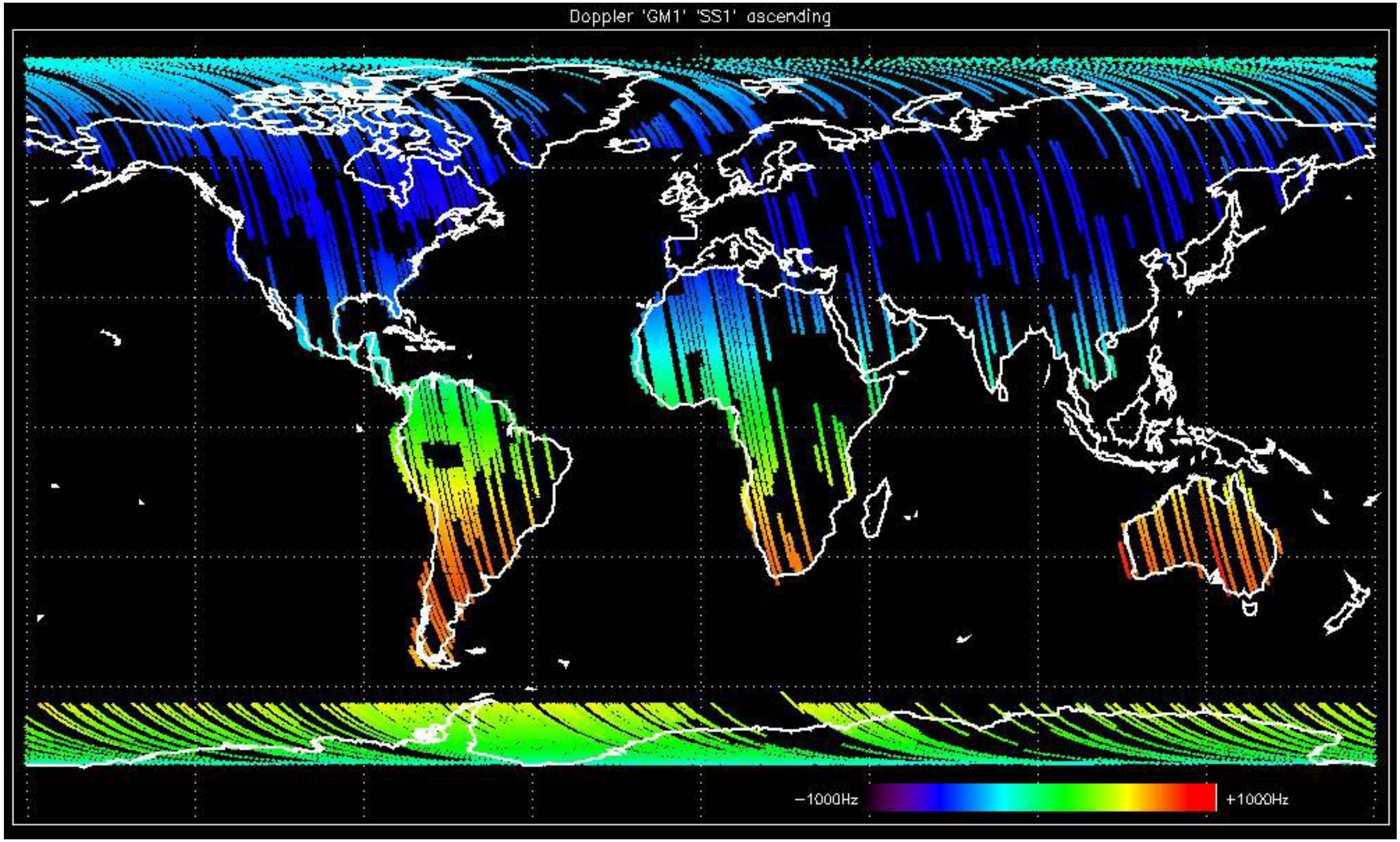
No anomalies observed.

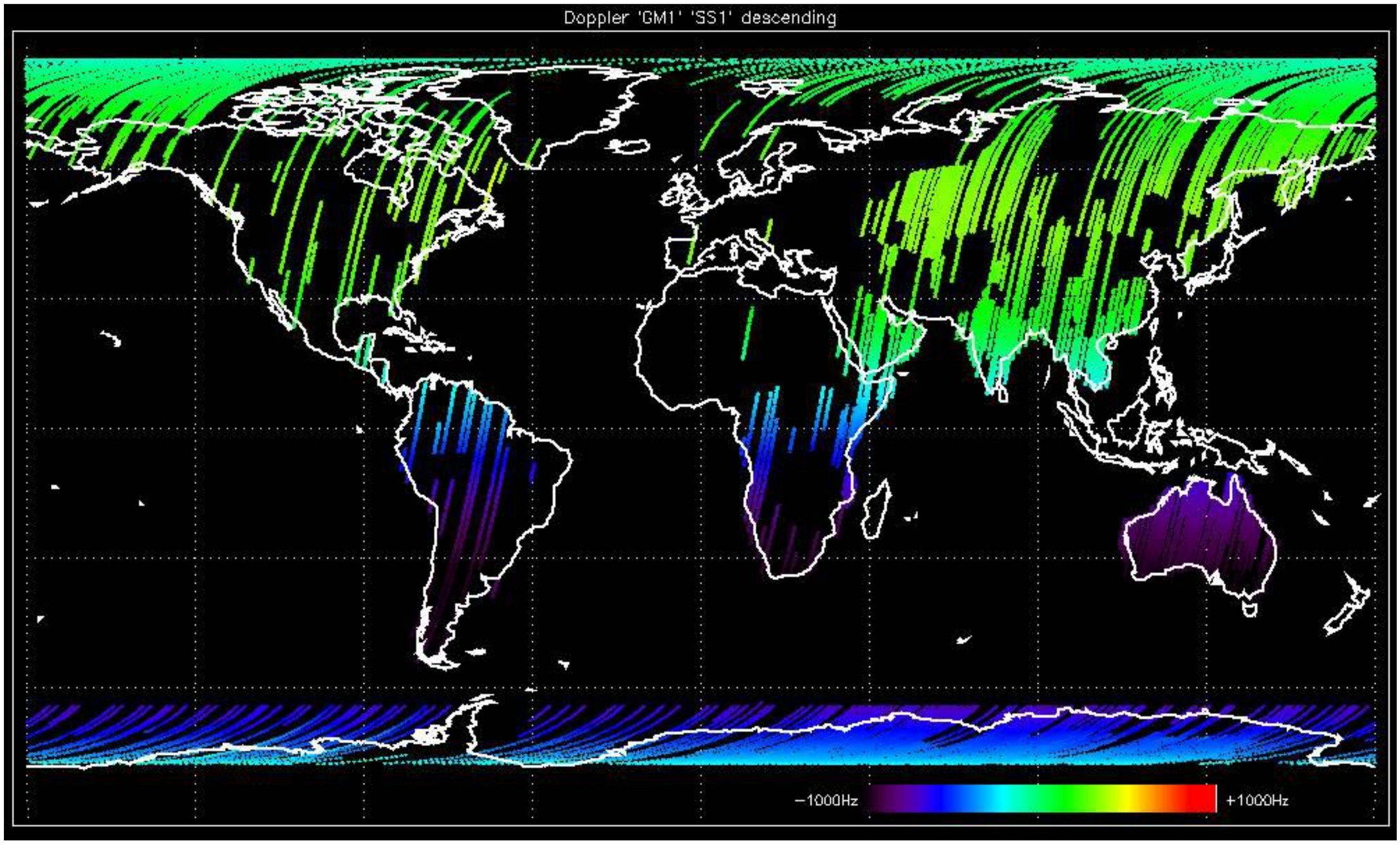

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

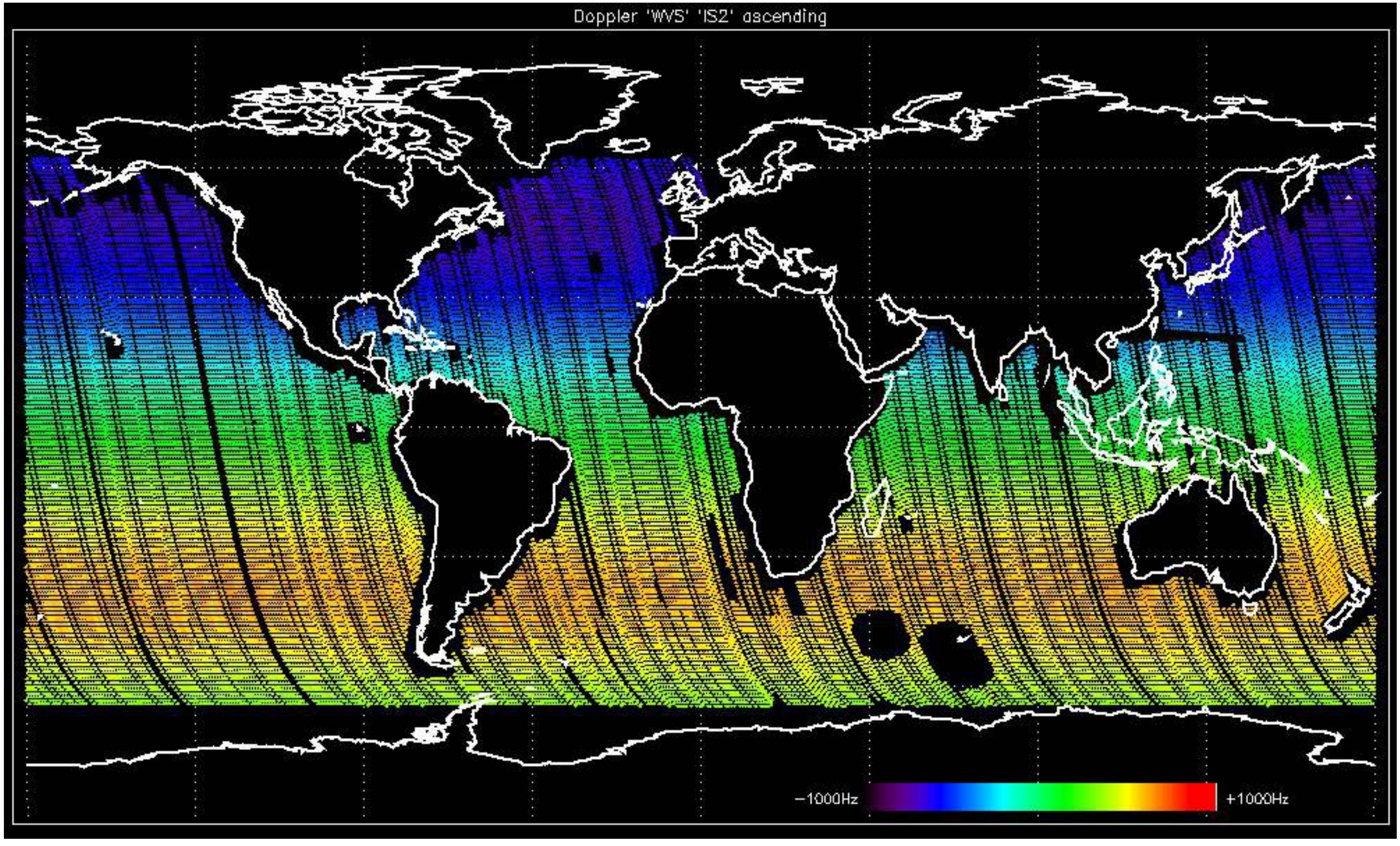

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

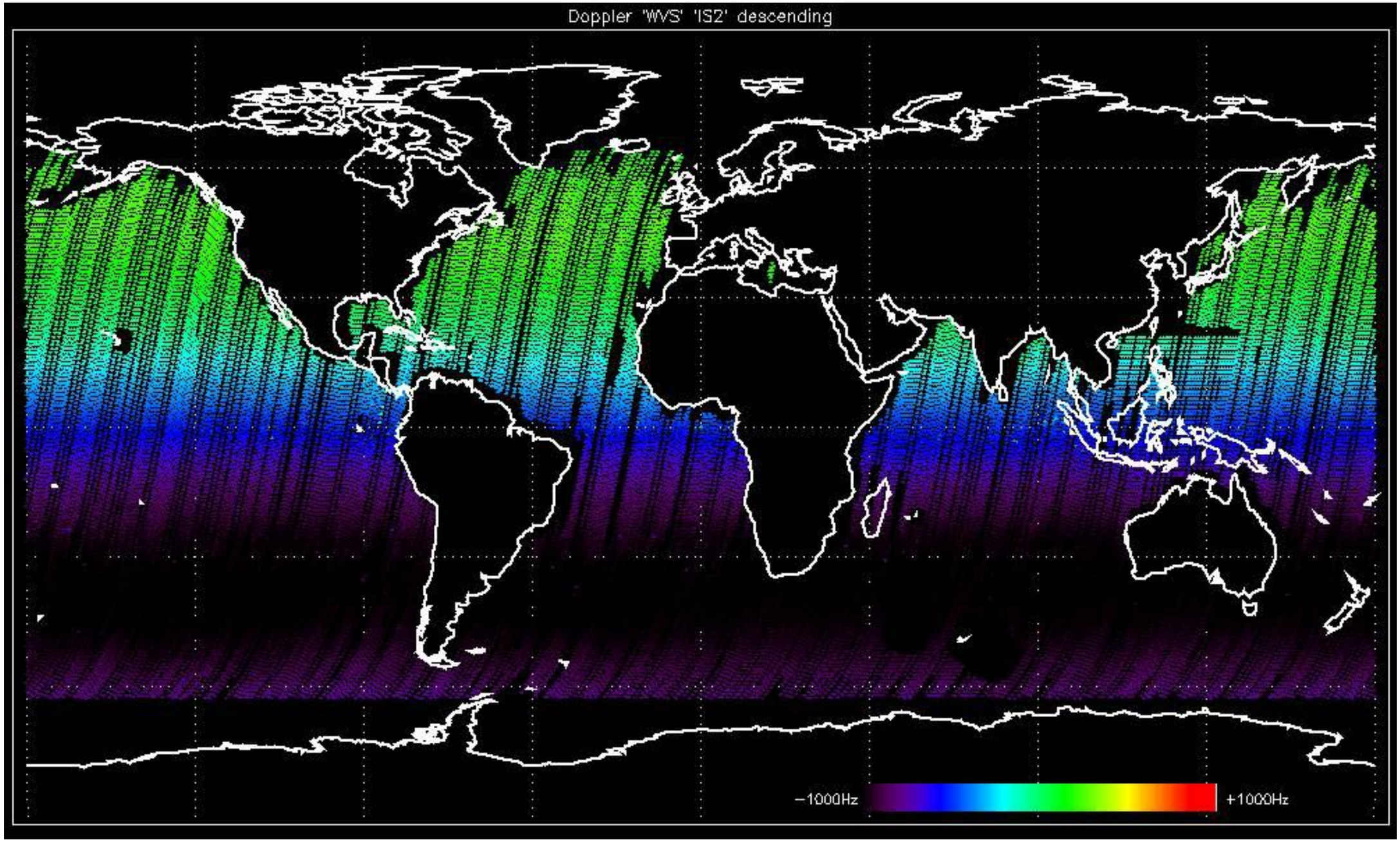
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

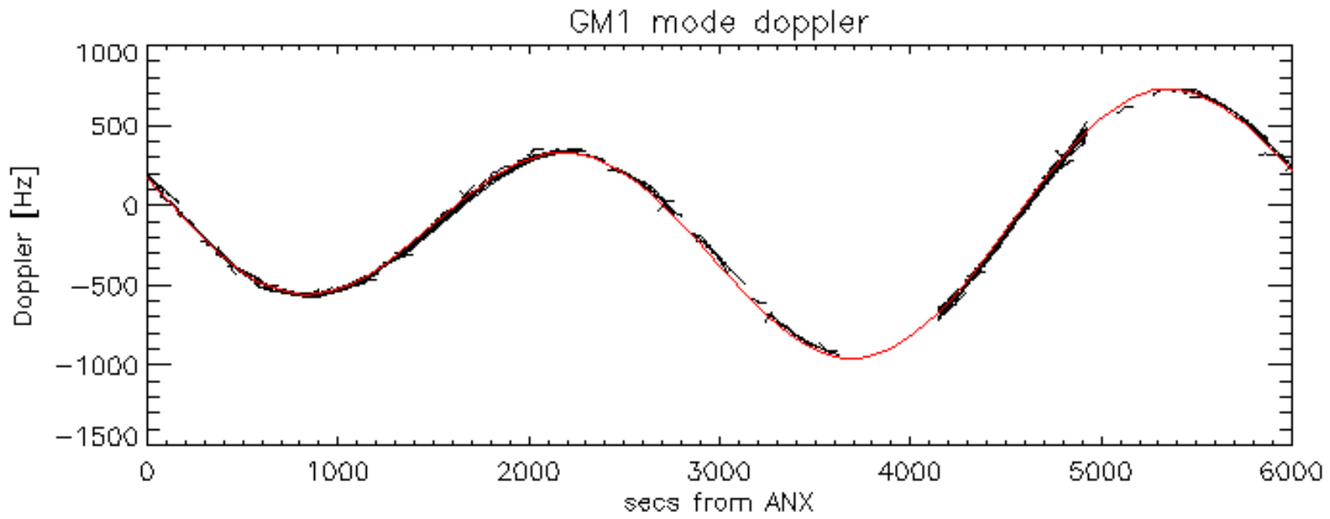
Preliminary report.The data is not yet controled

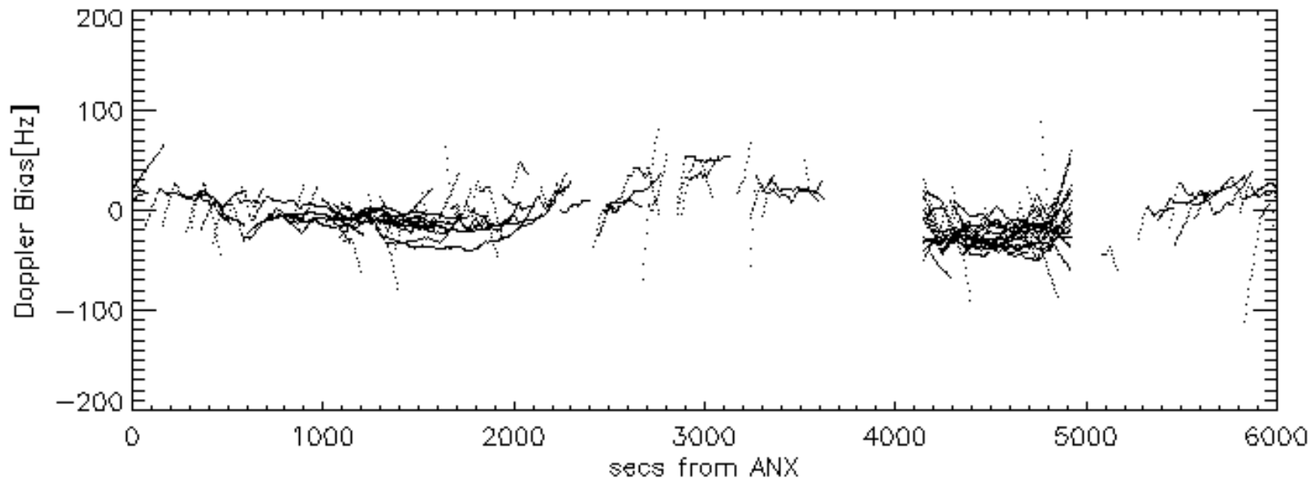

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

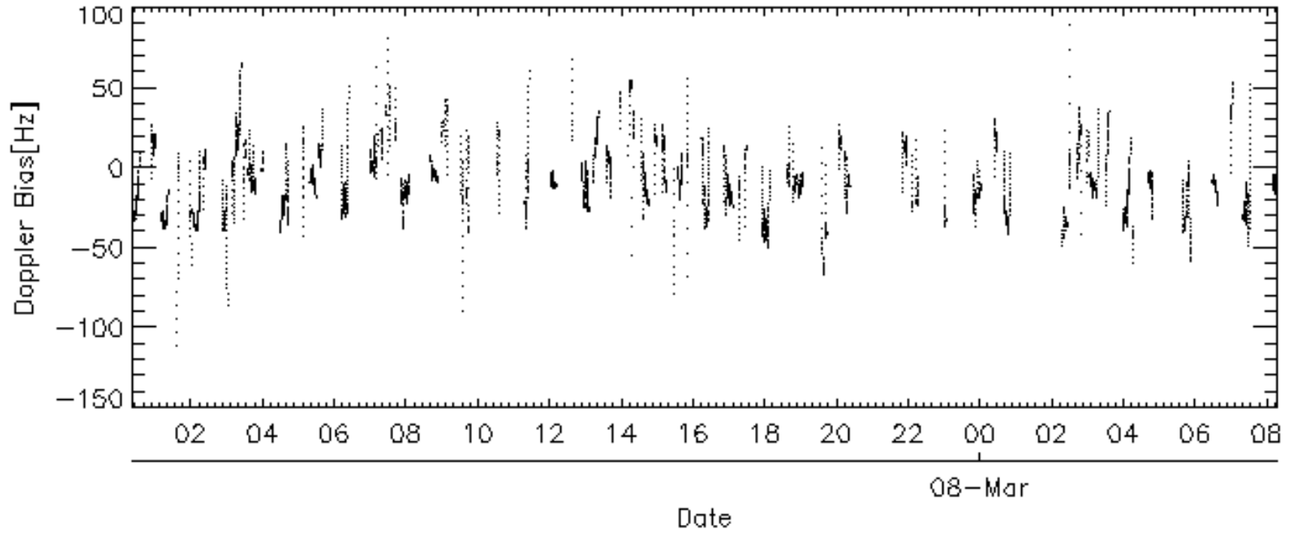

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

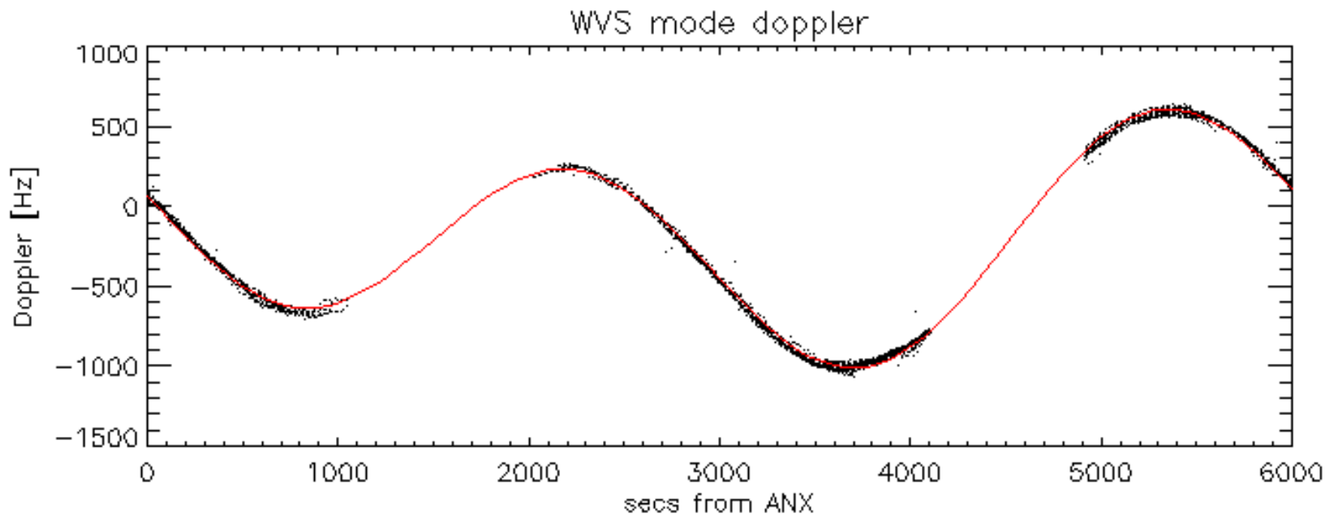

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

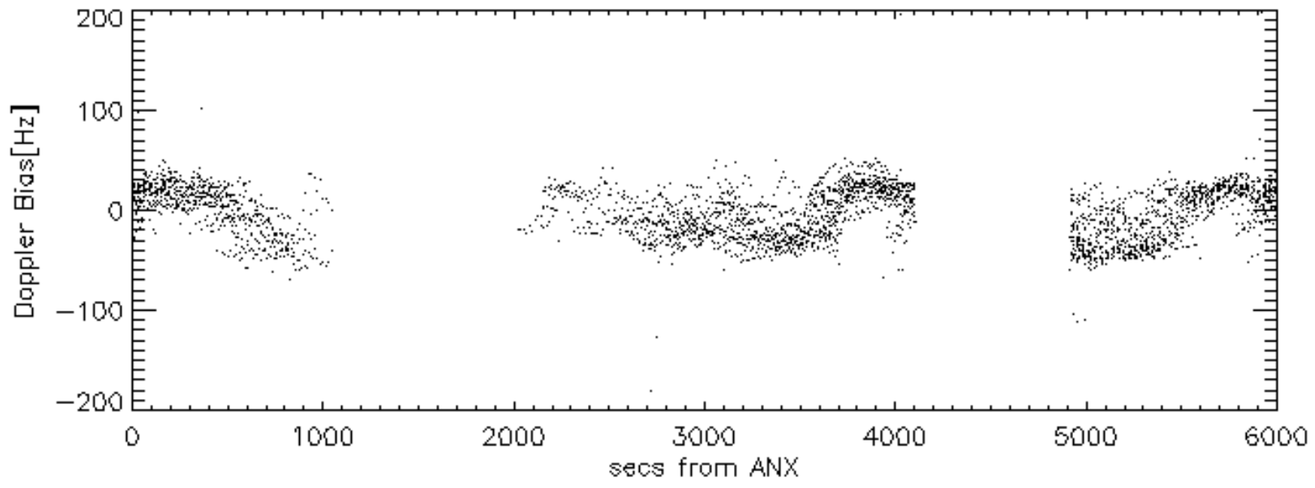

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

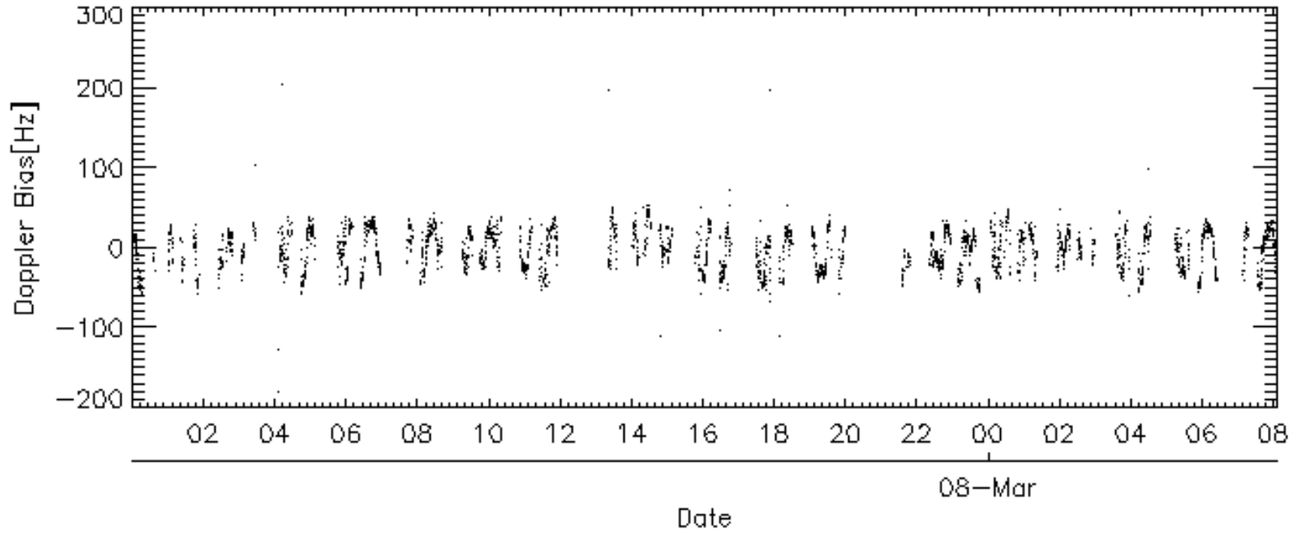

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

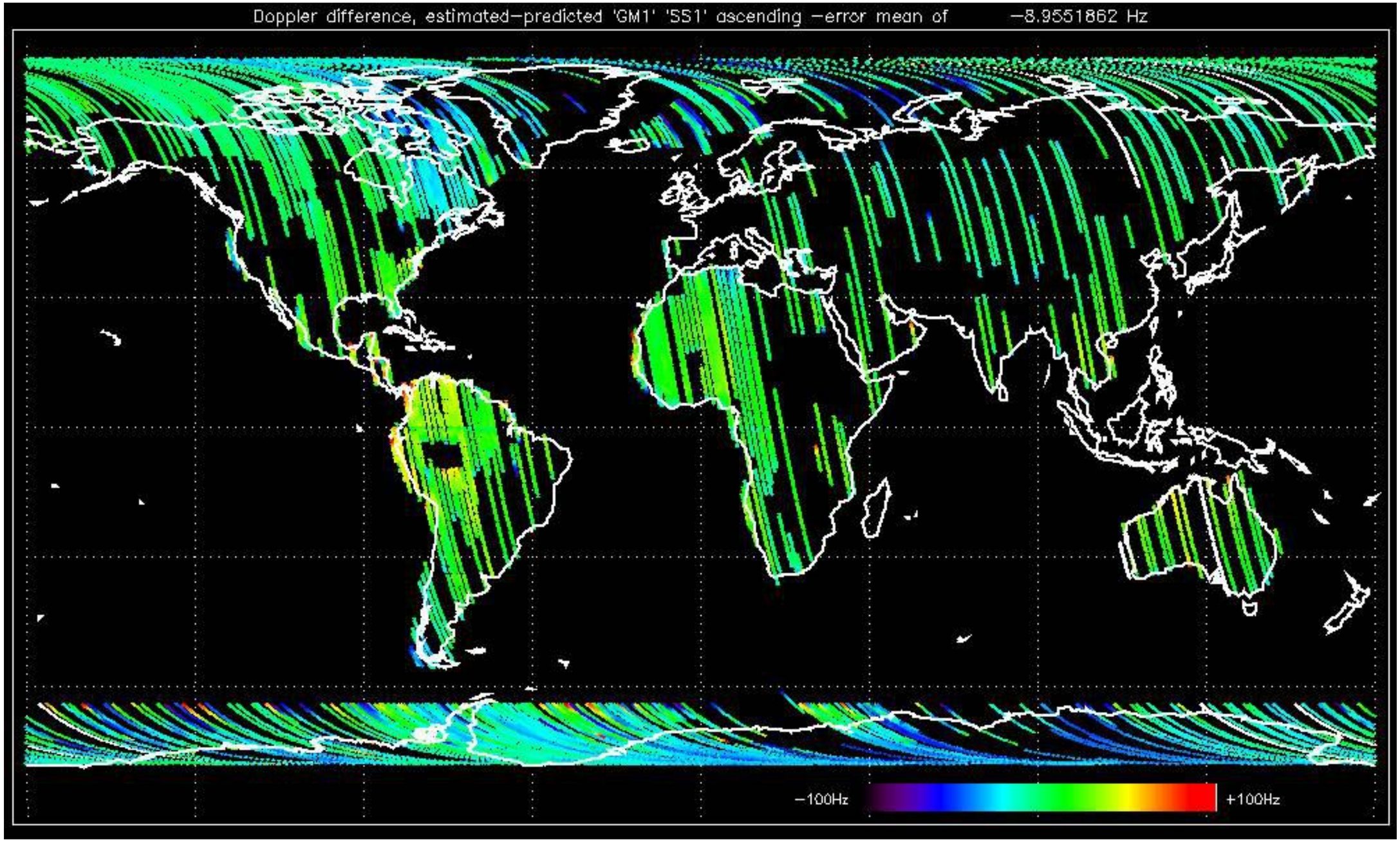

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

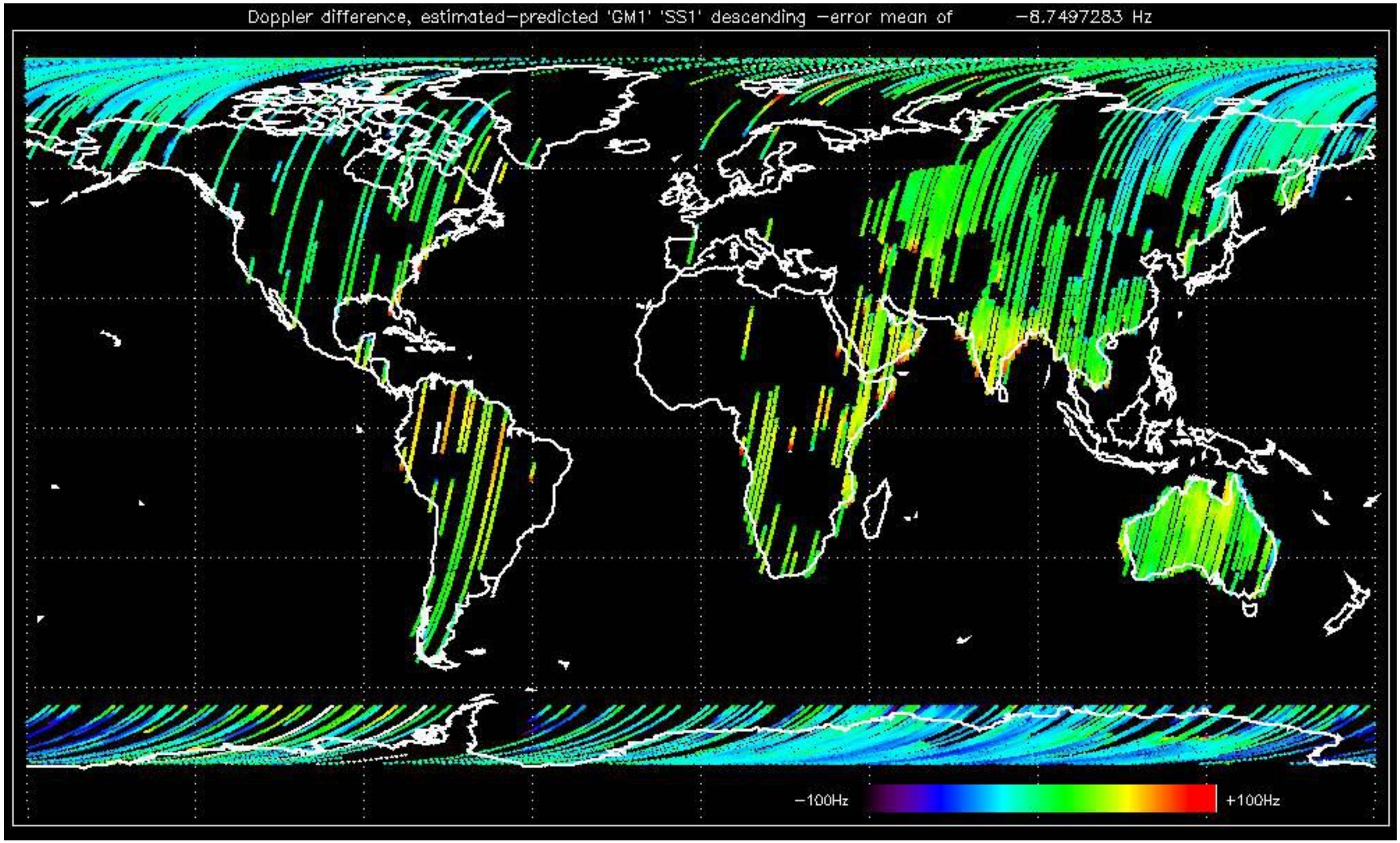

Doppler Bias[Hz]
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
08−Mar
Date

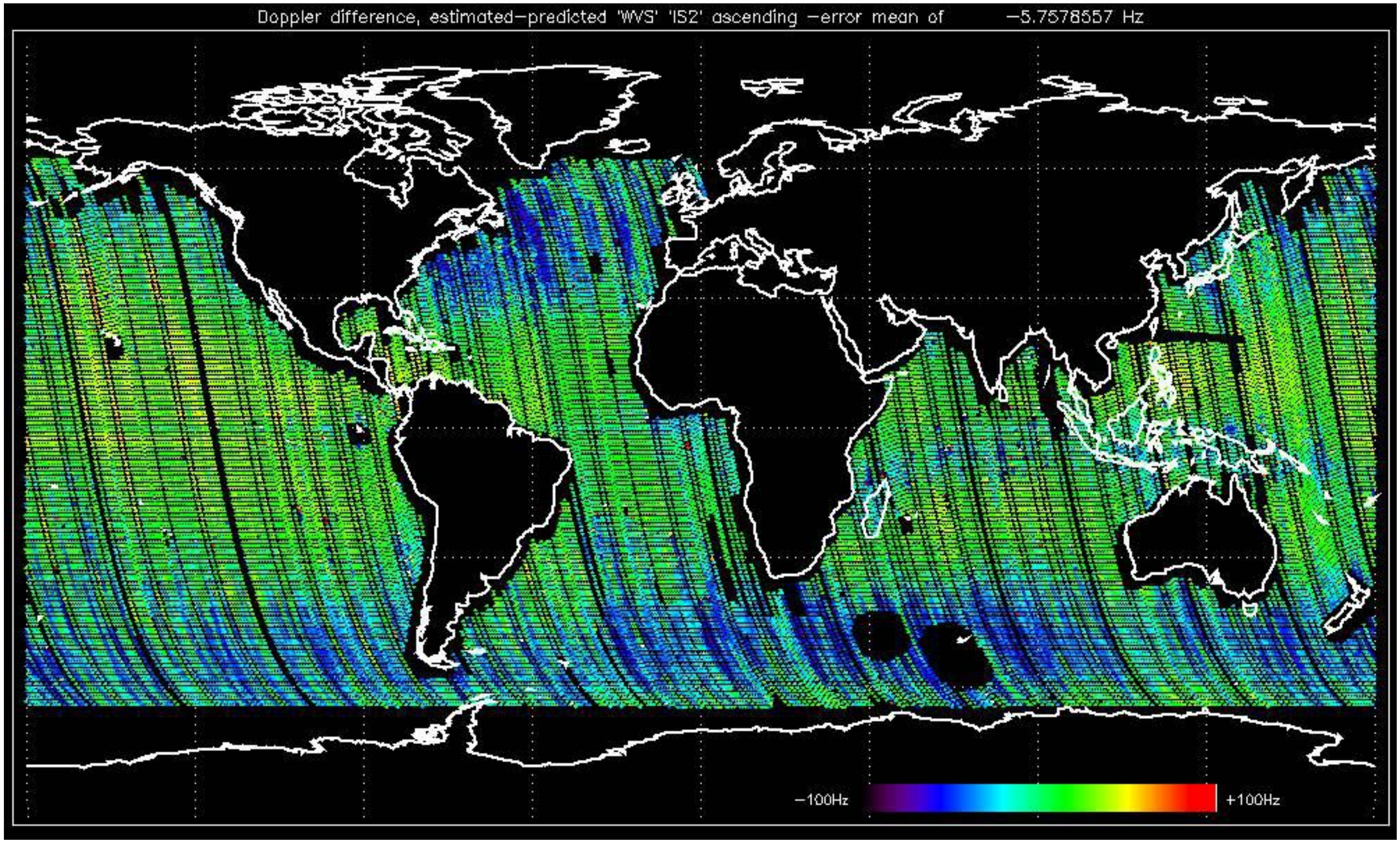

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

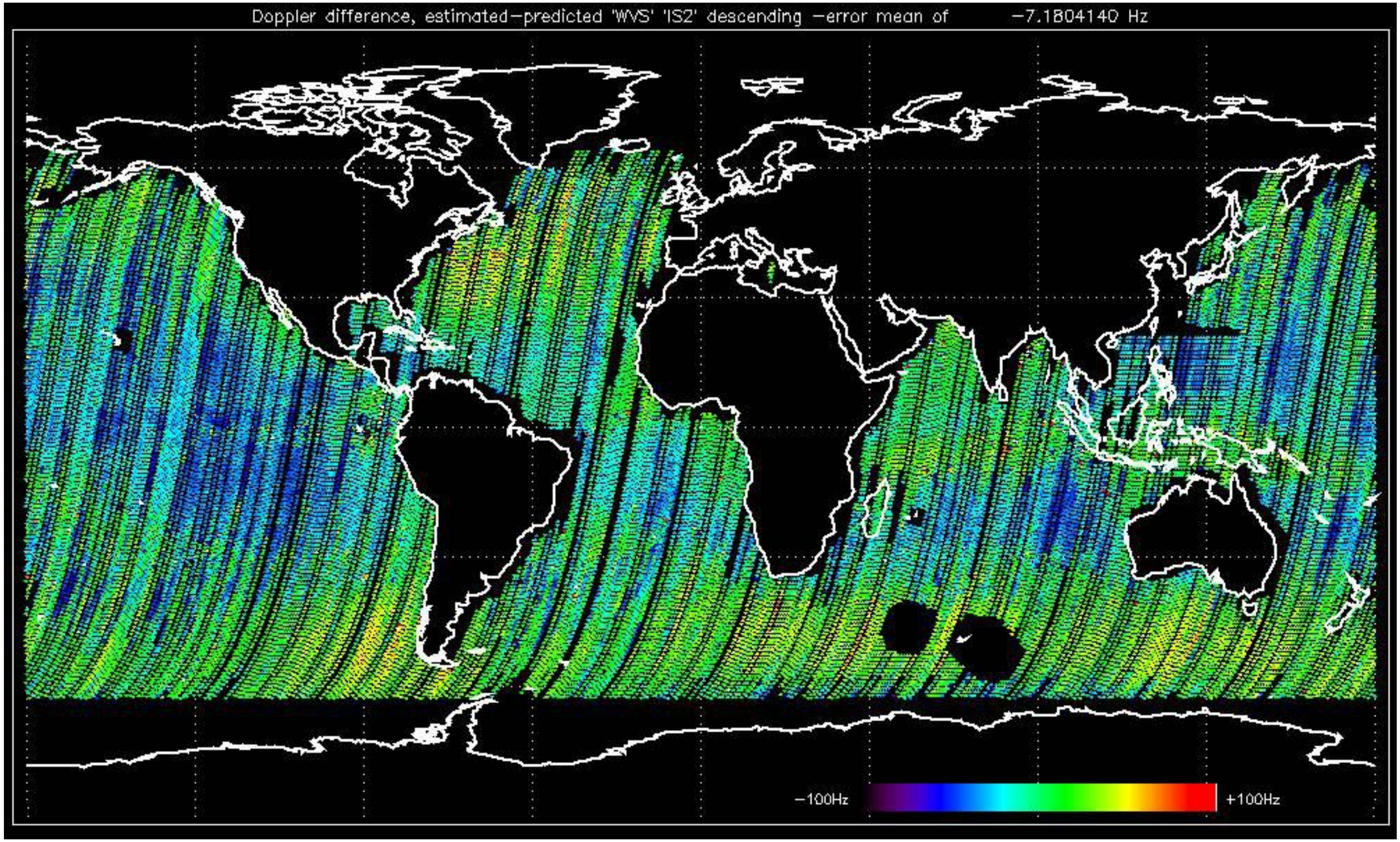

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


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
08−Mar
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −8.9551862 Hz
−100Hz
+100Hz

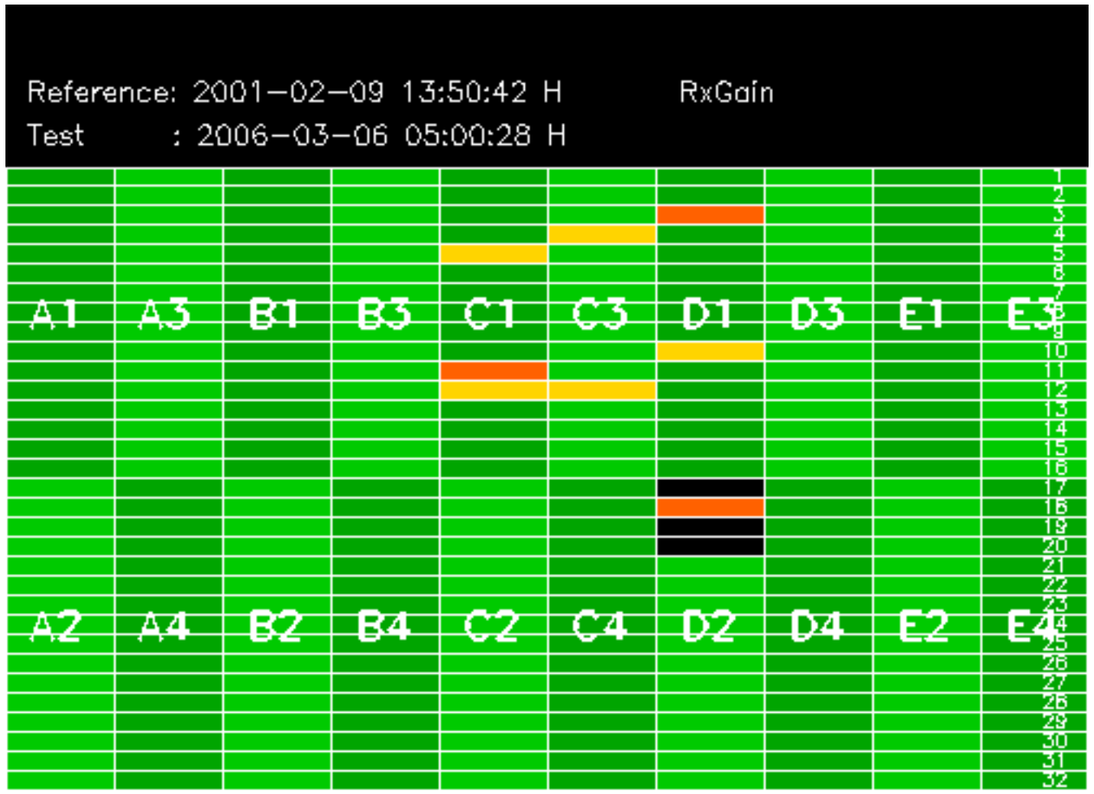

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −8.7497283 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −5.7578557 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −7.1804140 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-03-06 05:00:28 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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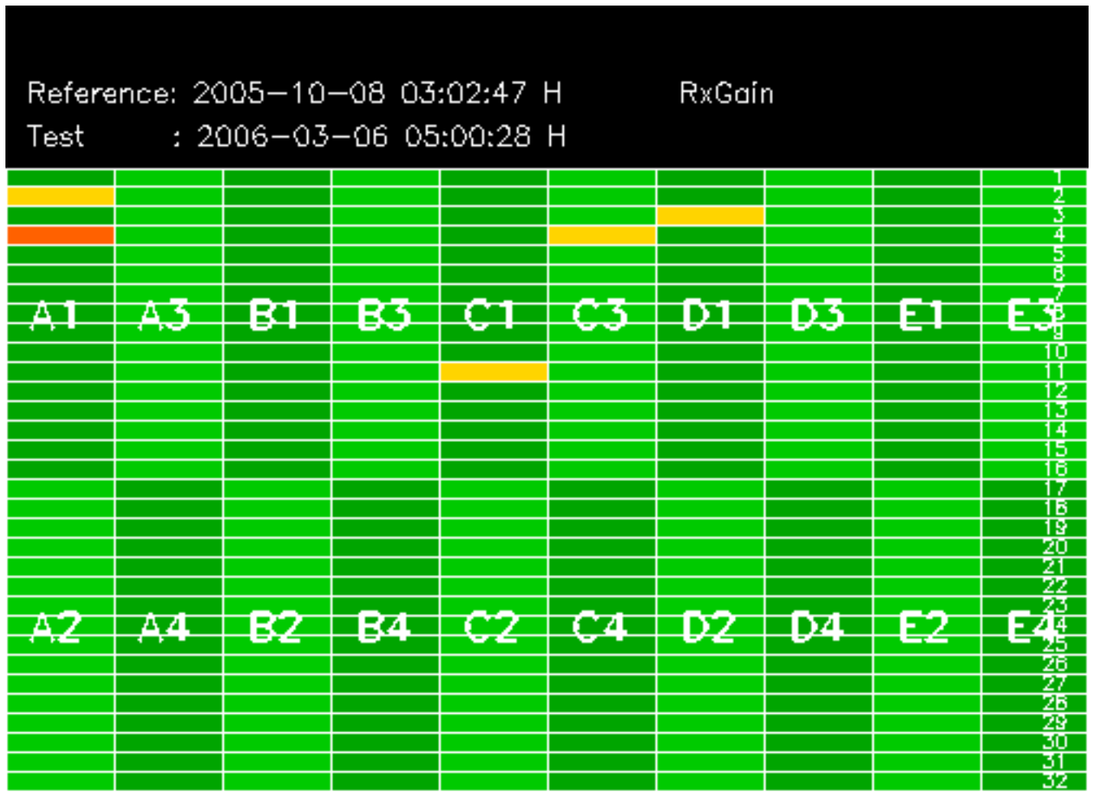
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-06 05:00:28 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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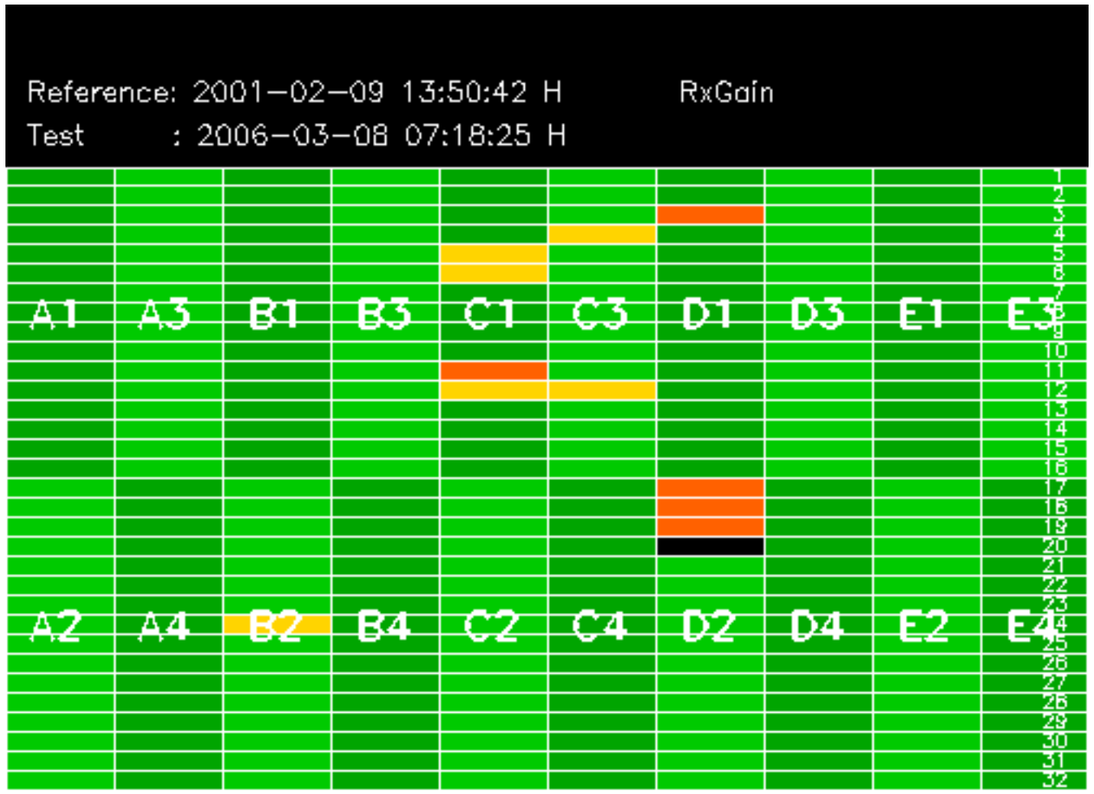
Reference: 2001-02-09 13:50:42 H
Test : 2006-03-08 07:18:25 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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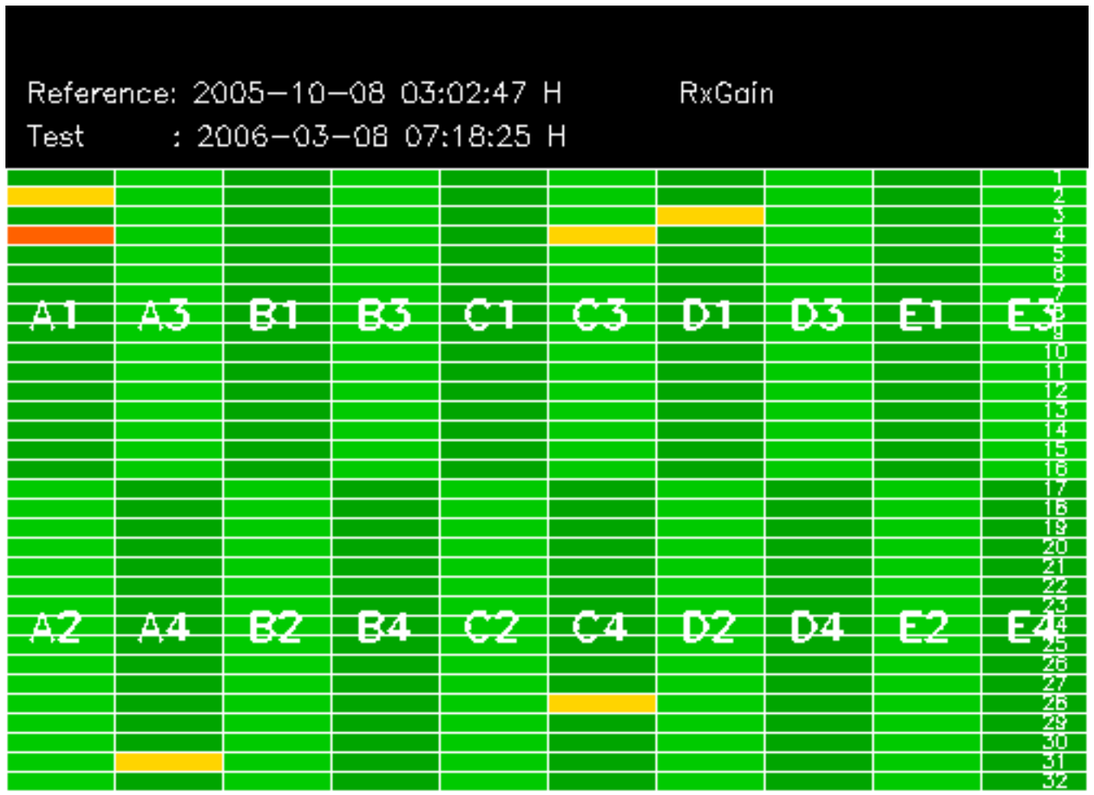
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-08 07:18:25 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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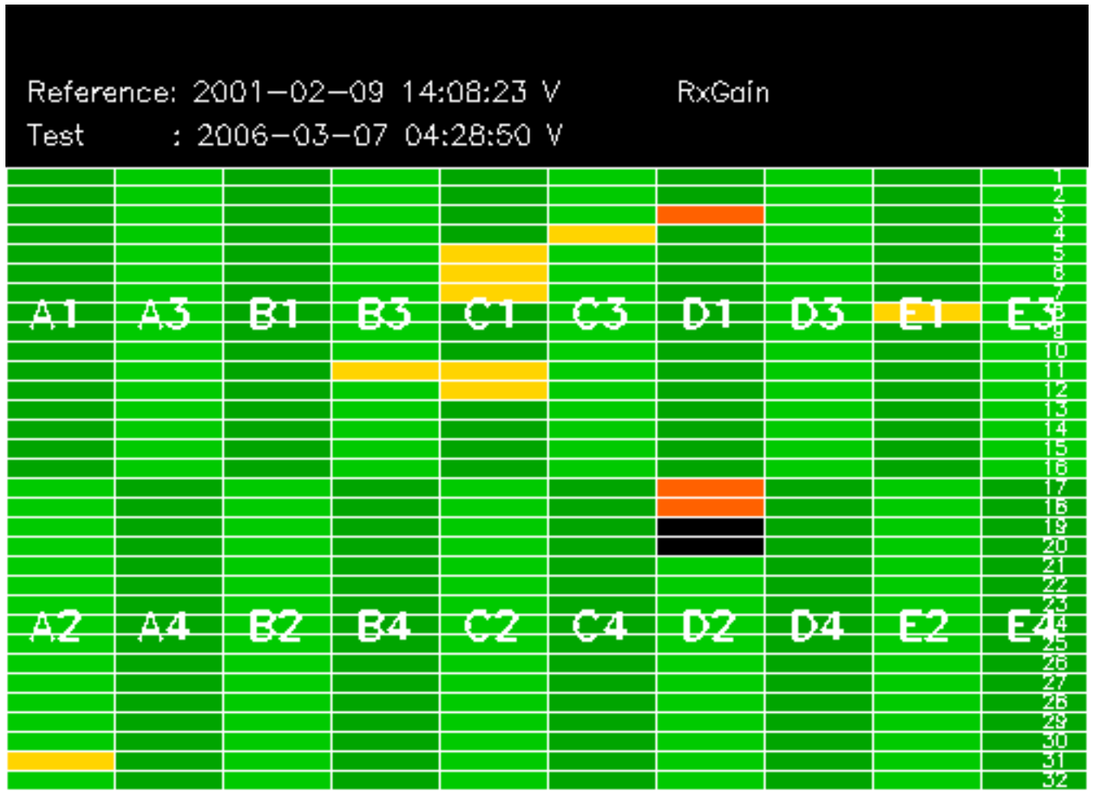
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-07 04:28:50 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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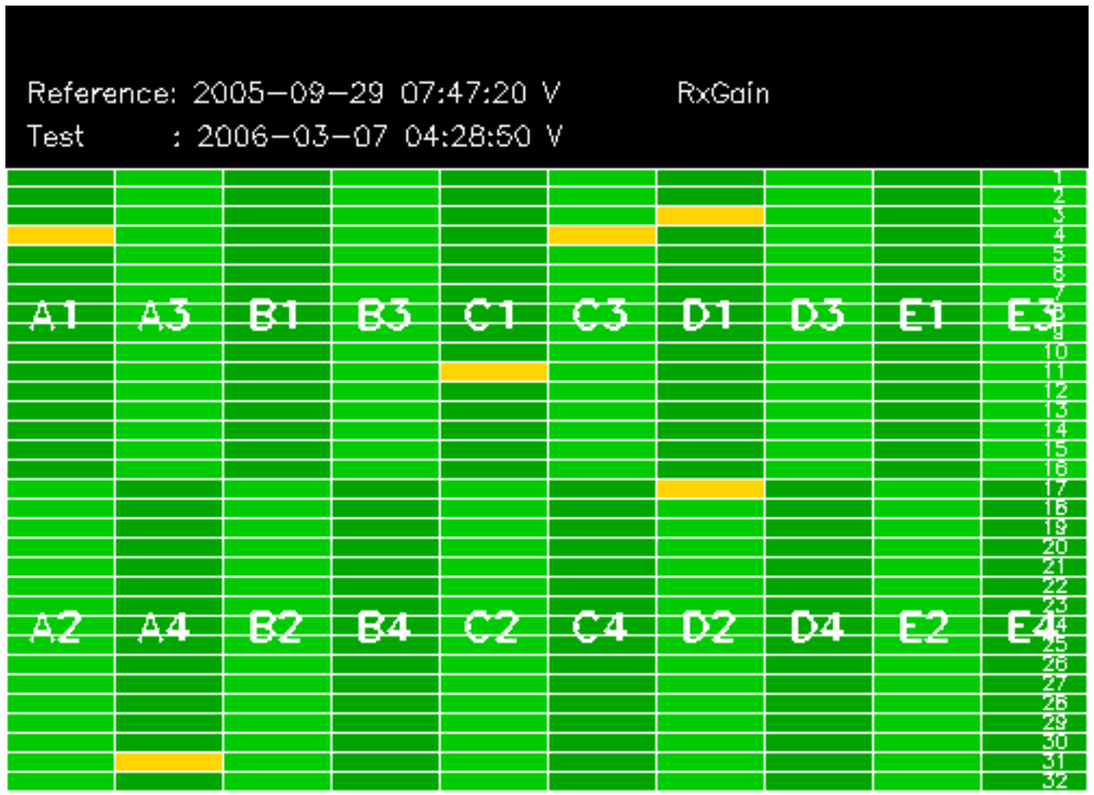
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-07 04:28:50 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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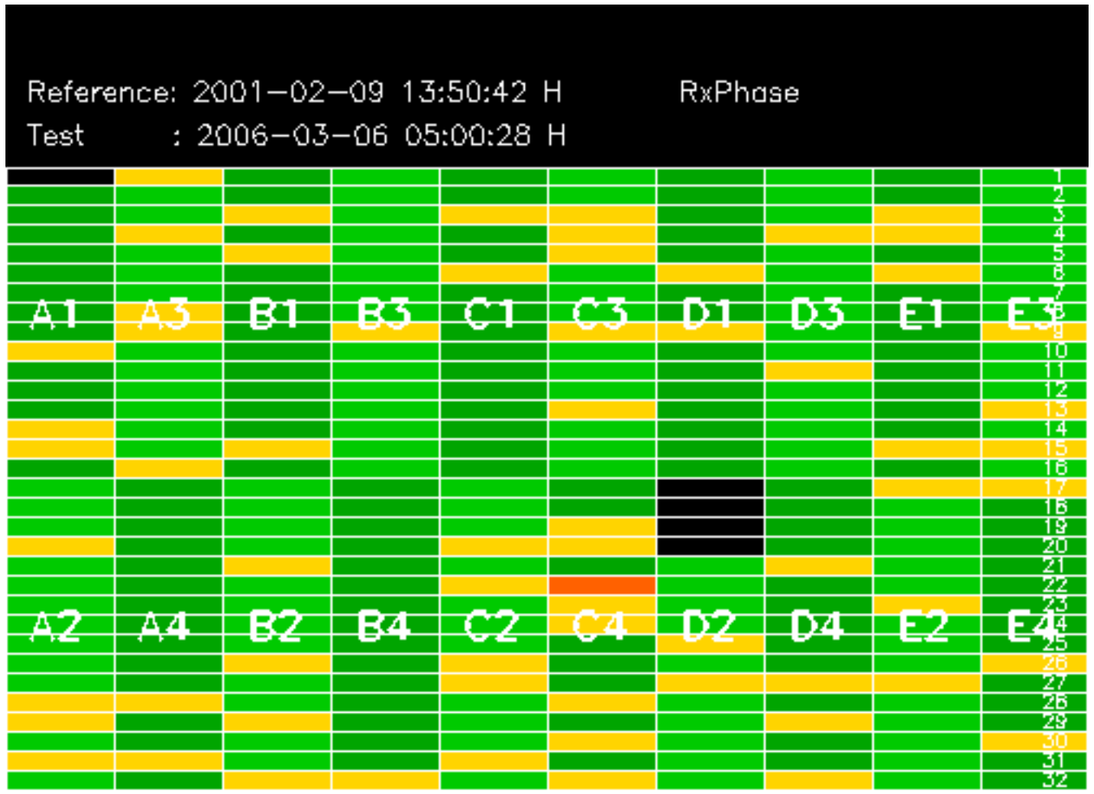
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-03-06 05:00:28 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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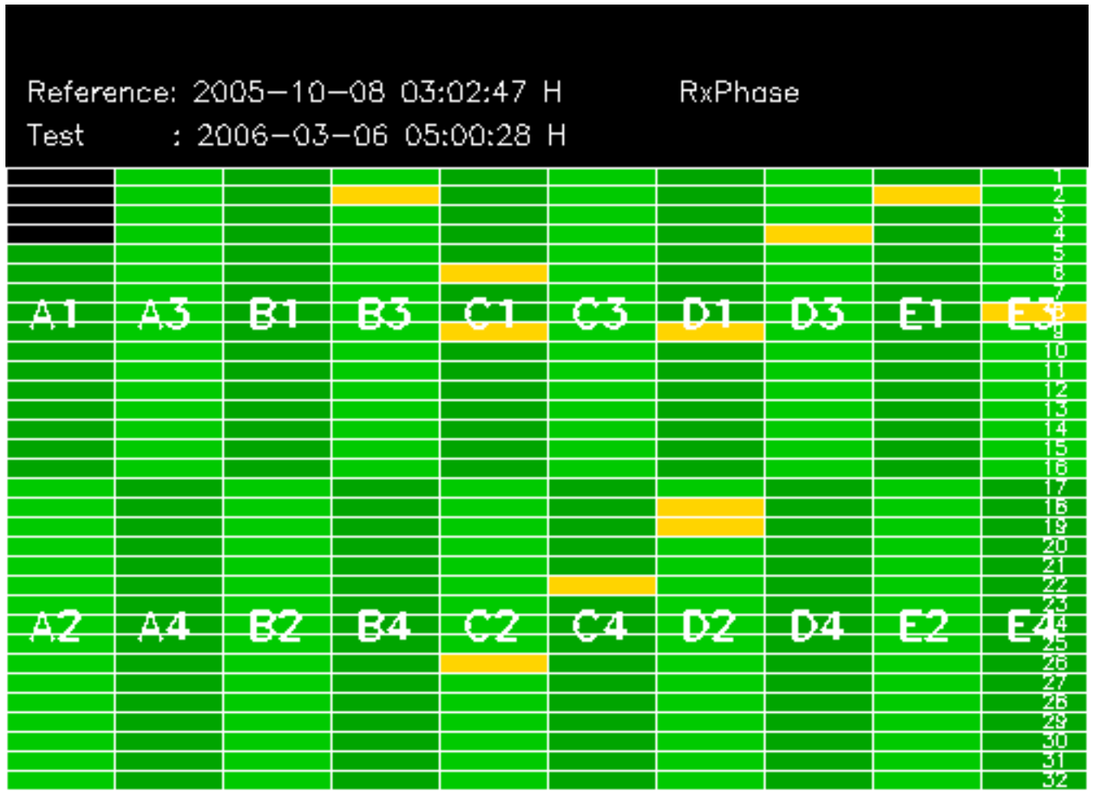
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-03-06 05:00:28 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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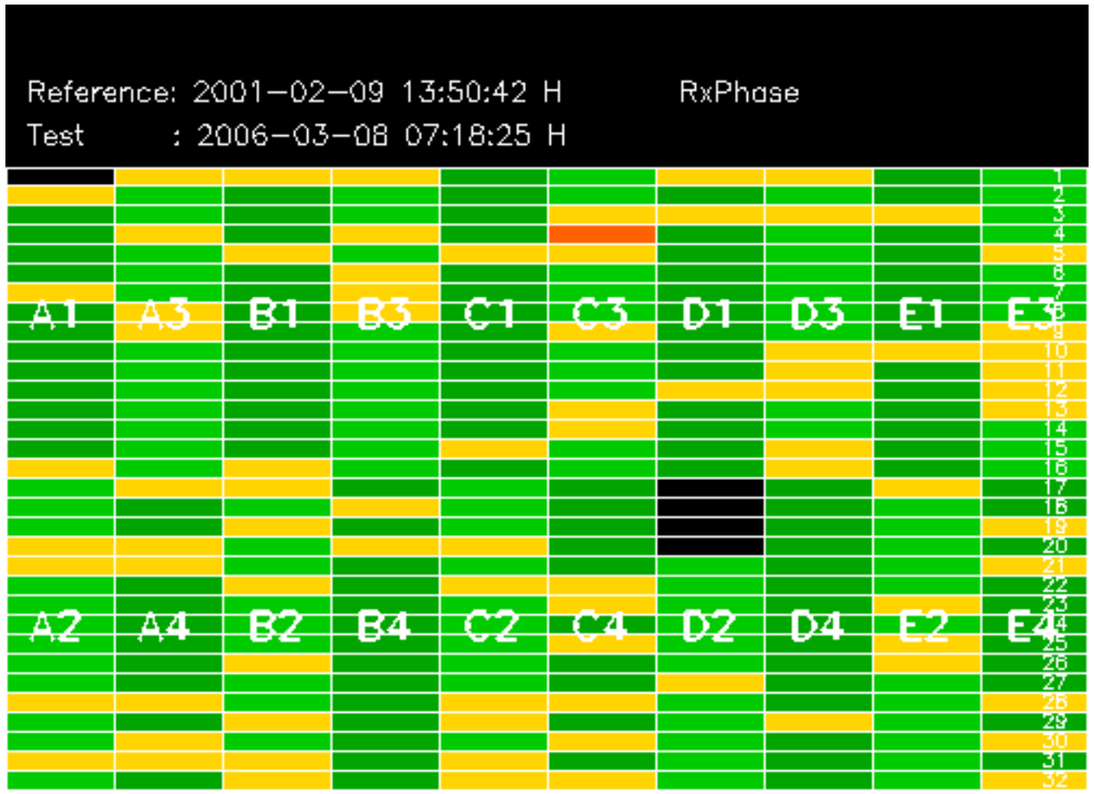
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-03-08 07:18:25 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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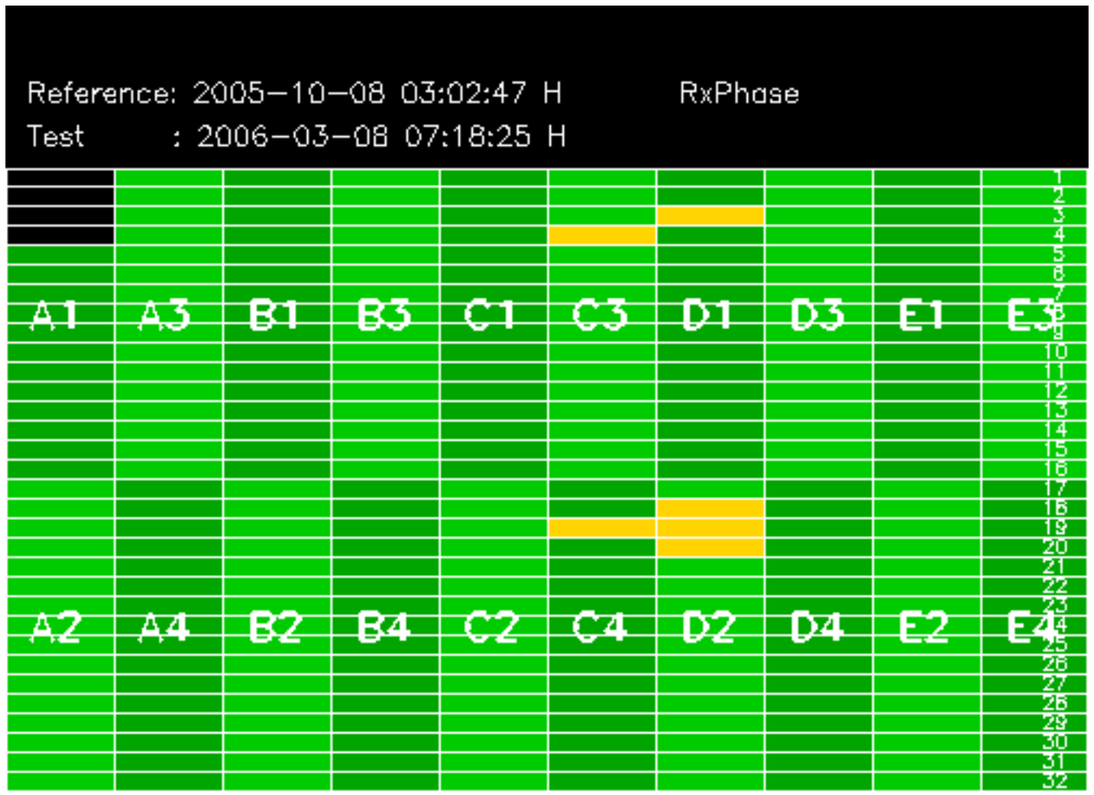
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-03-08 07:18:25 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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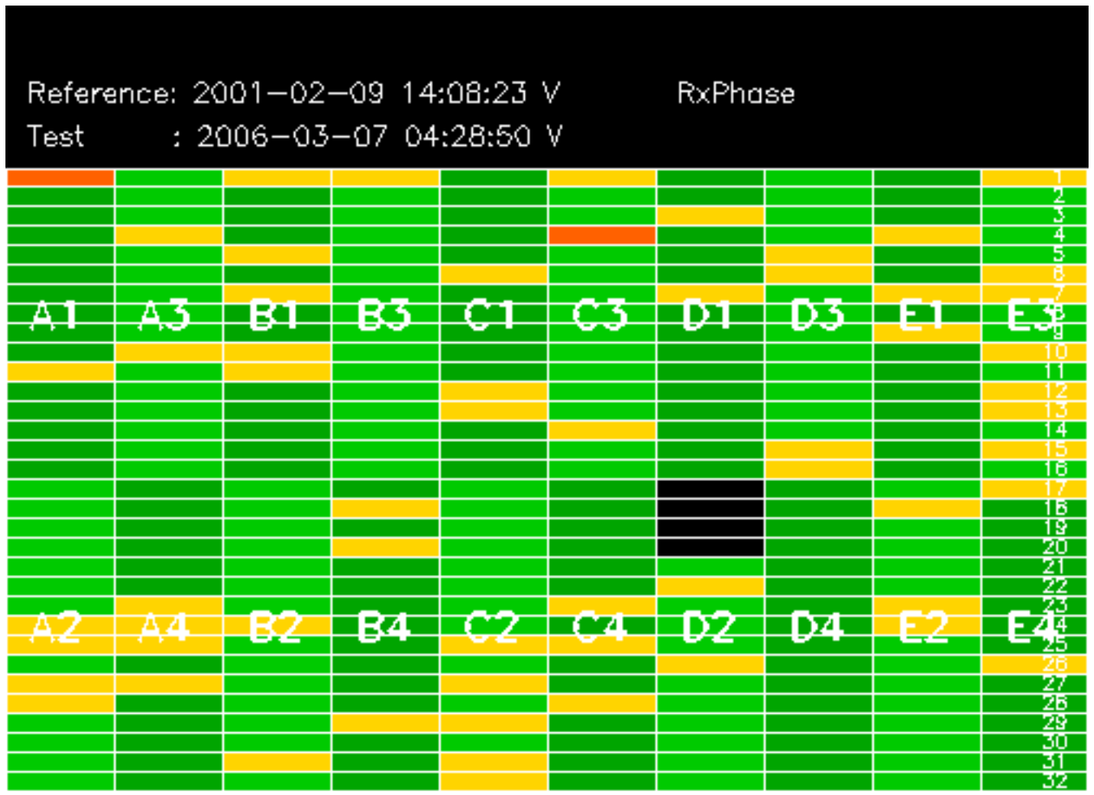
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-07 04:28:50 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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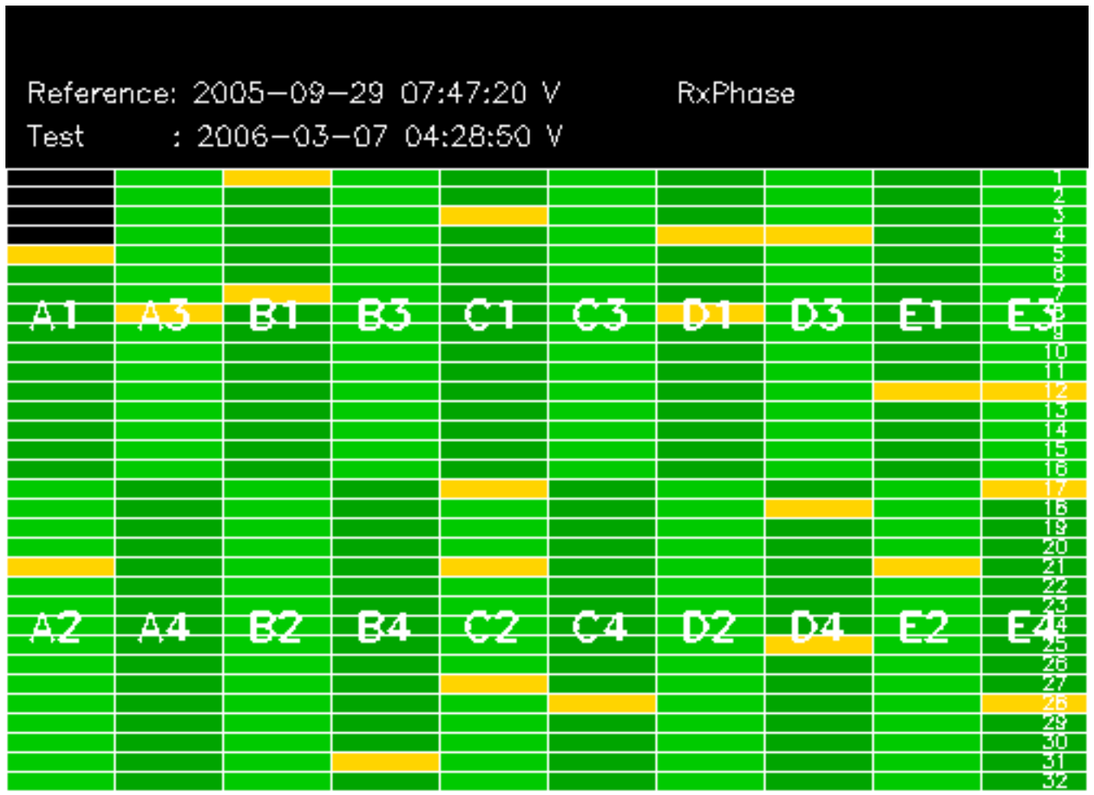
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-07 04:28:50 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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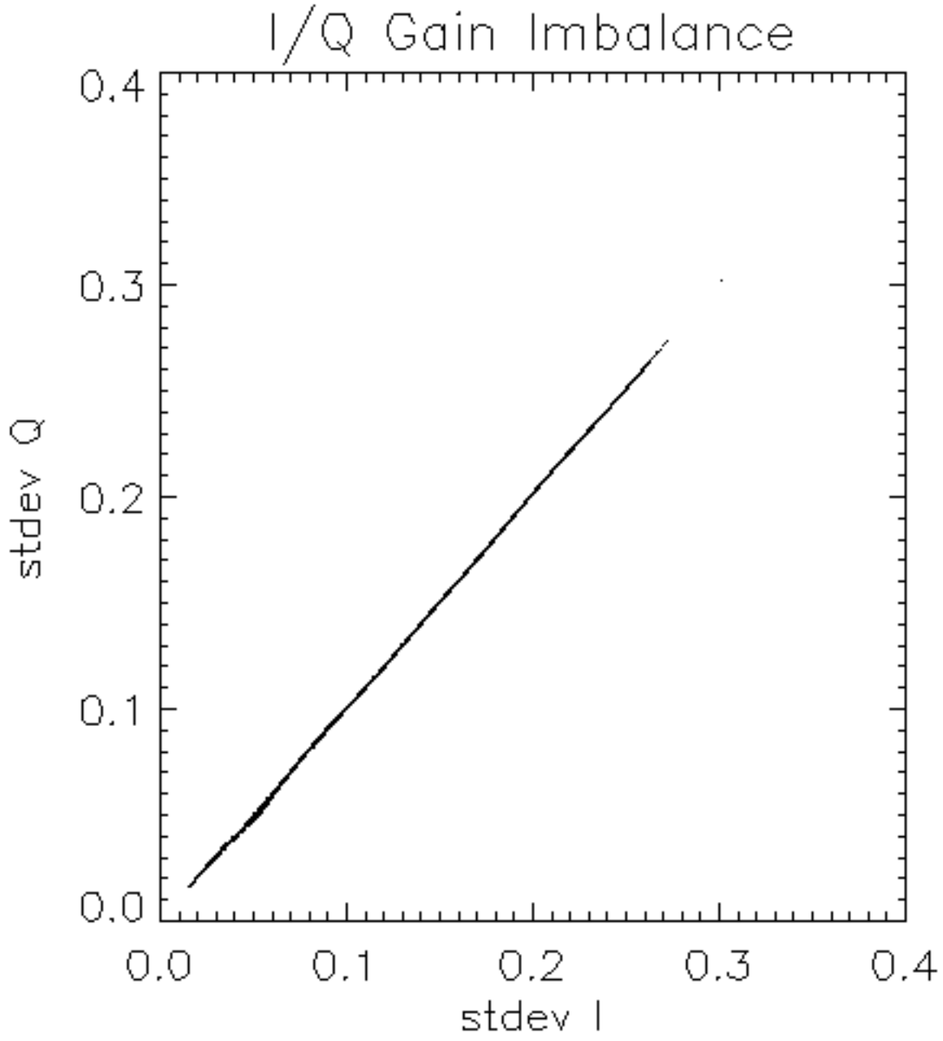
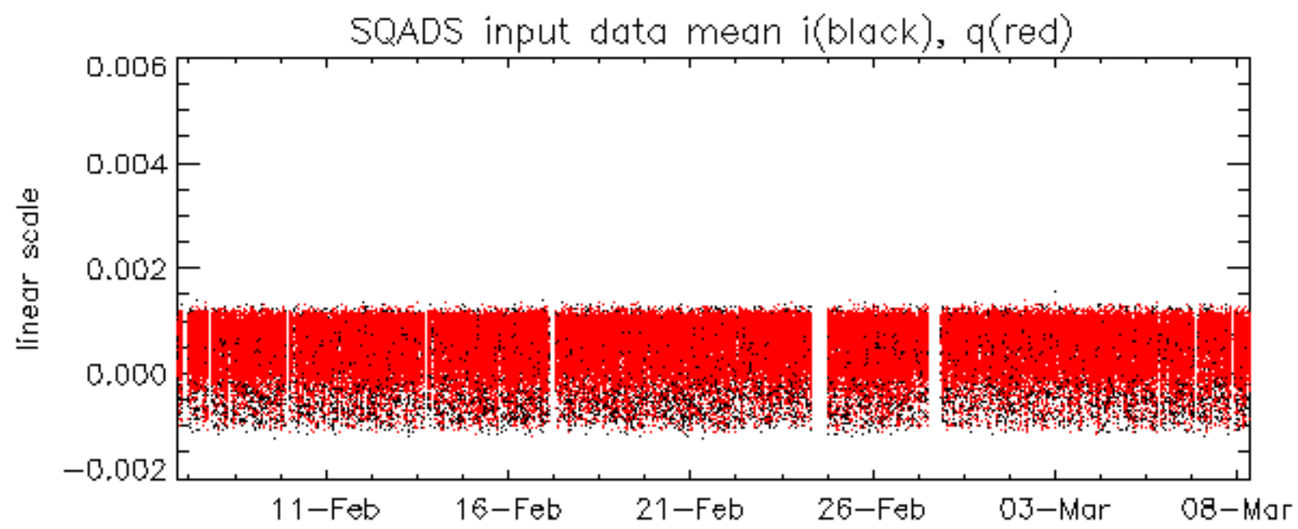
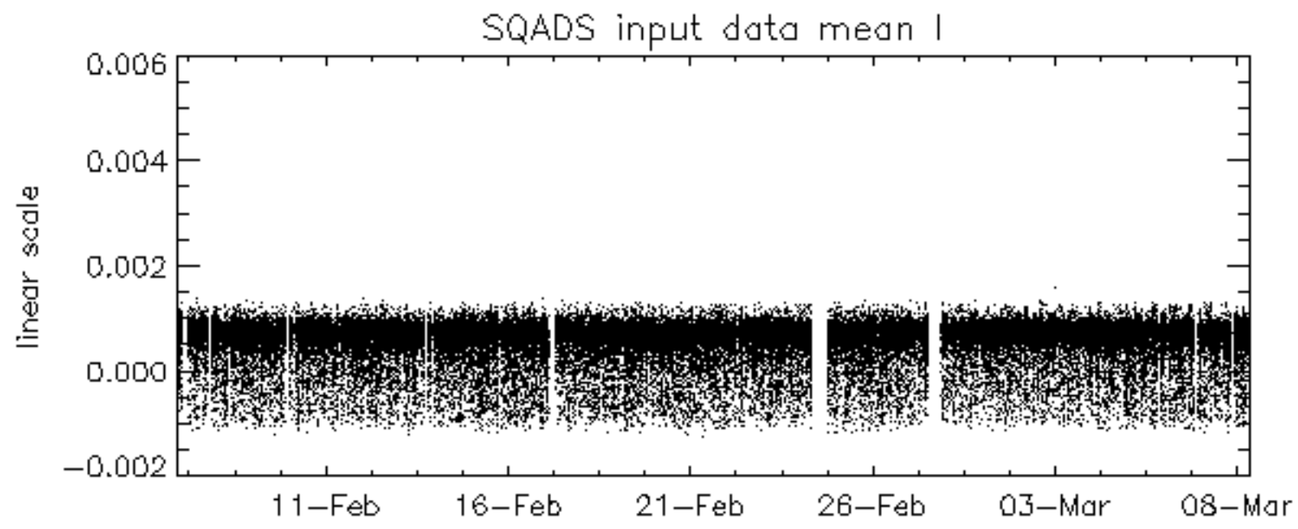
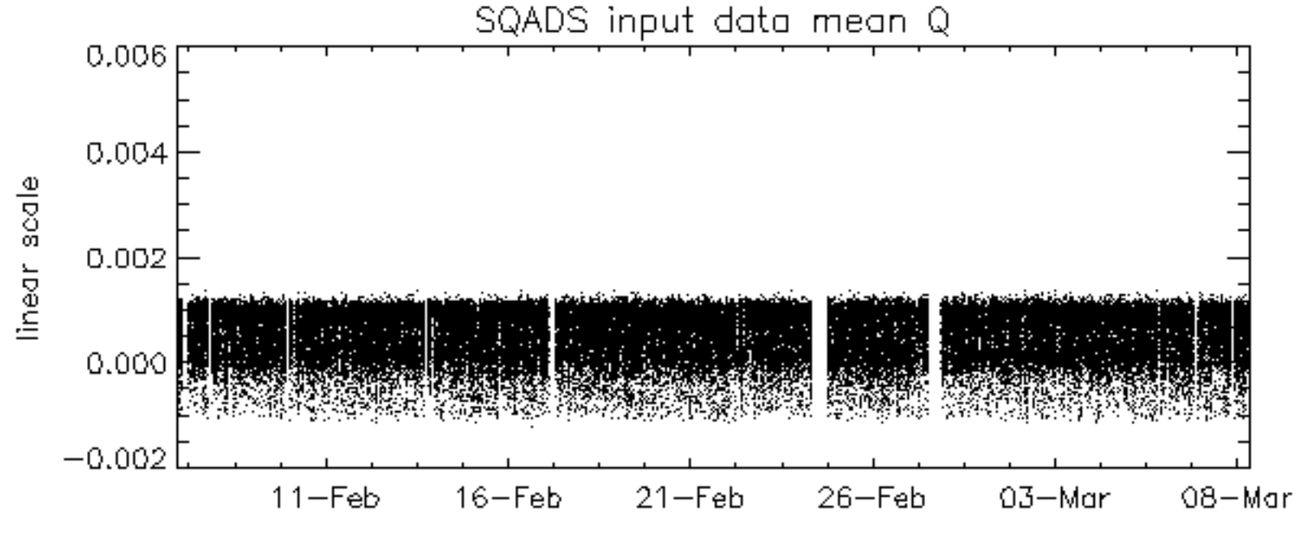
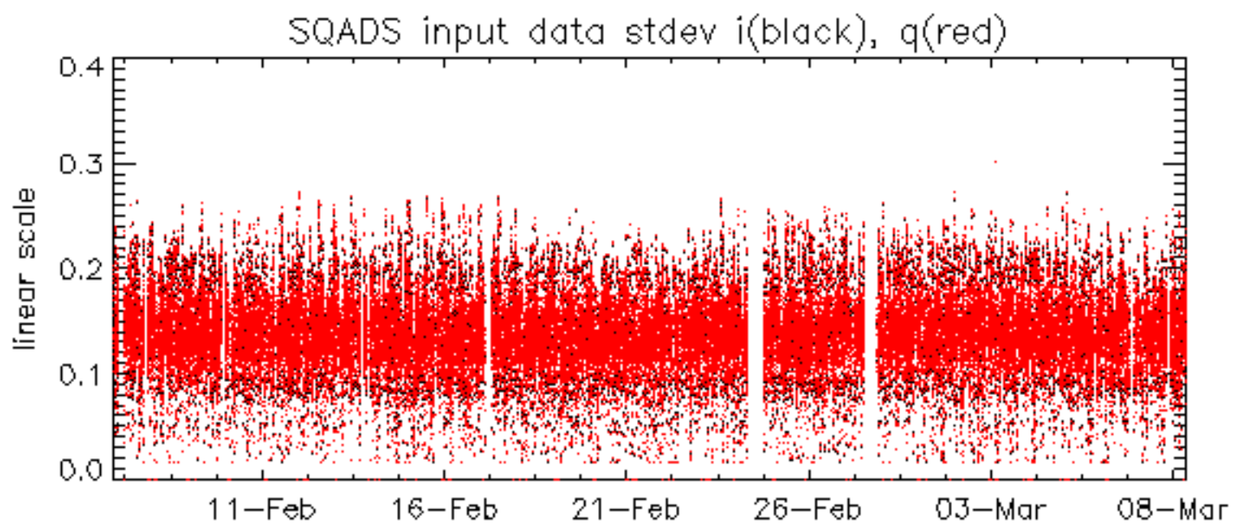
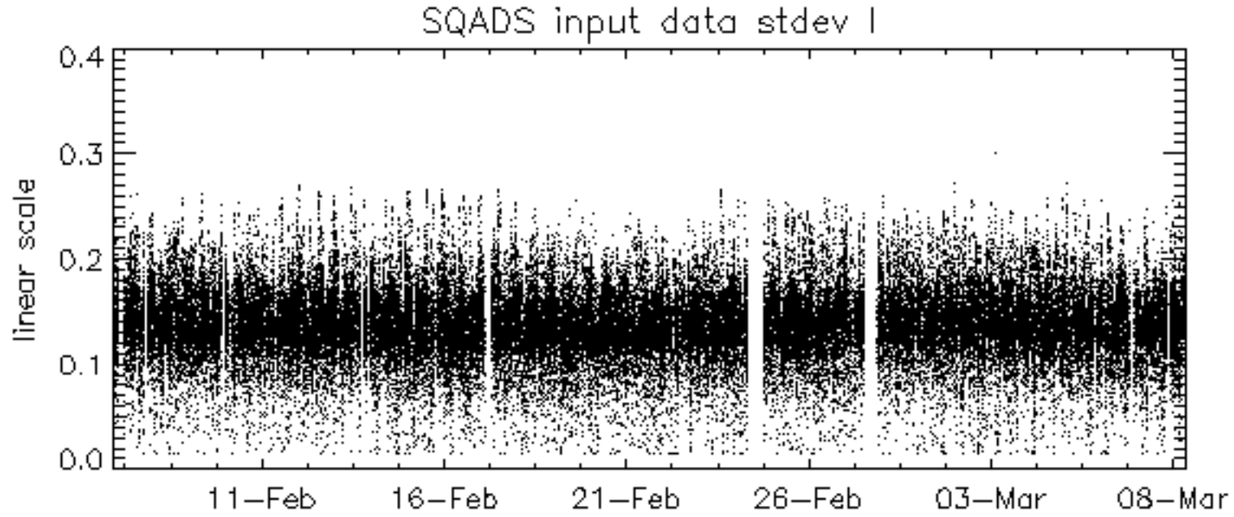

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

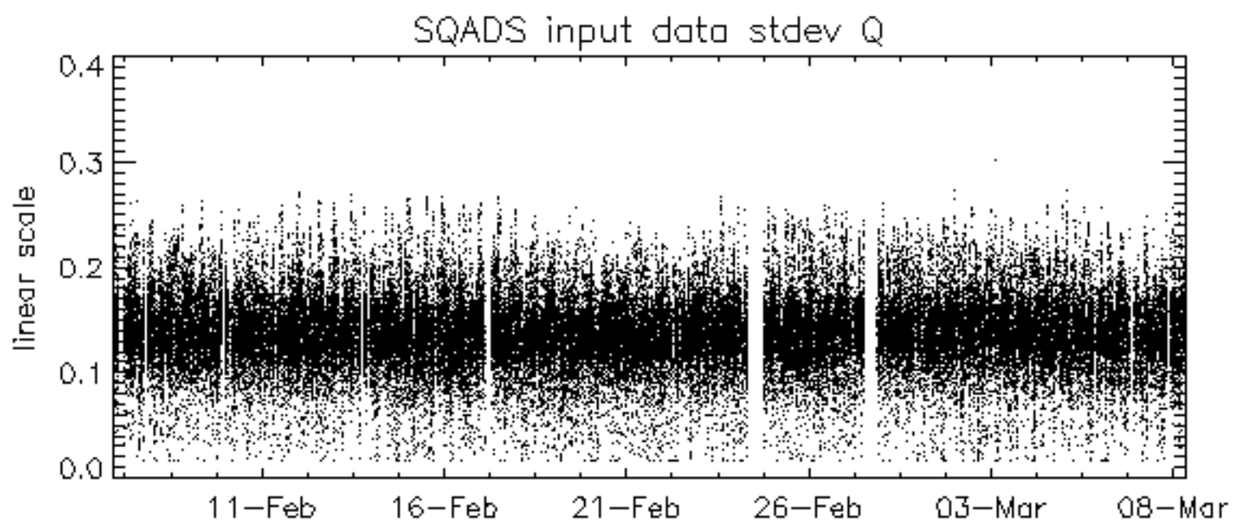

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar

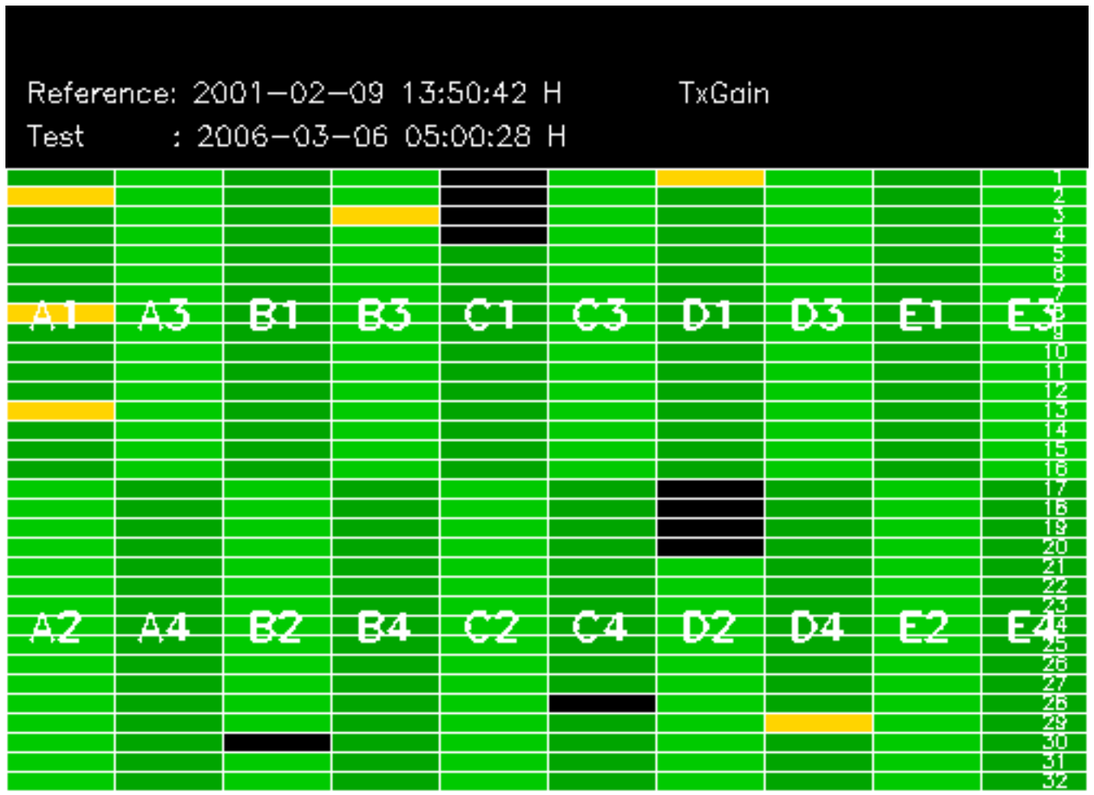

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar

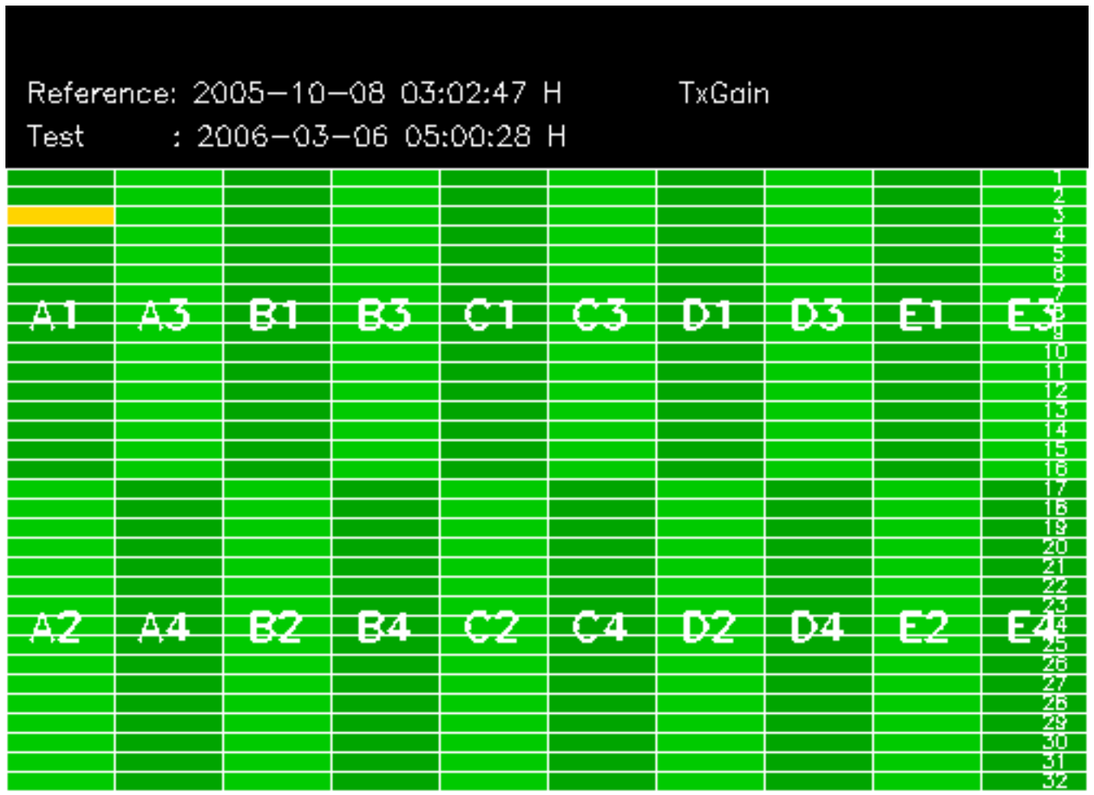

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Feb
16−Feb
21−Feb
26−Feb
03−Mar
08−Mar


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


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


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


Reference: 2001-02-09 13:50:42 H
Test : 2006-03-06 05:00:28 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 : 2006-03-06 05:00:28 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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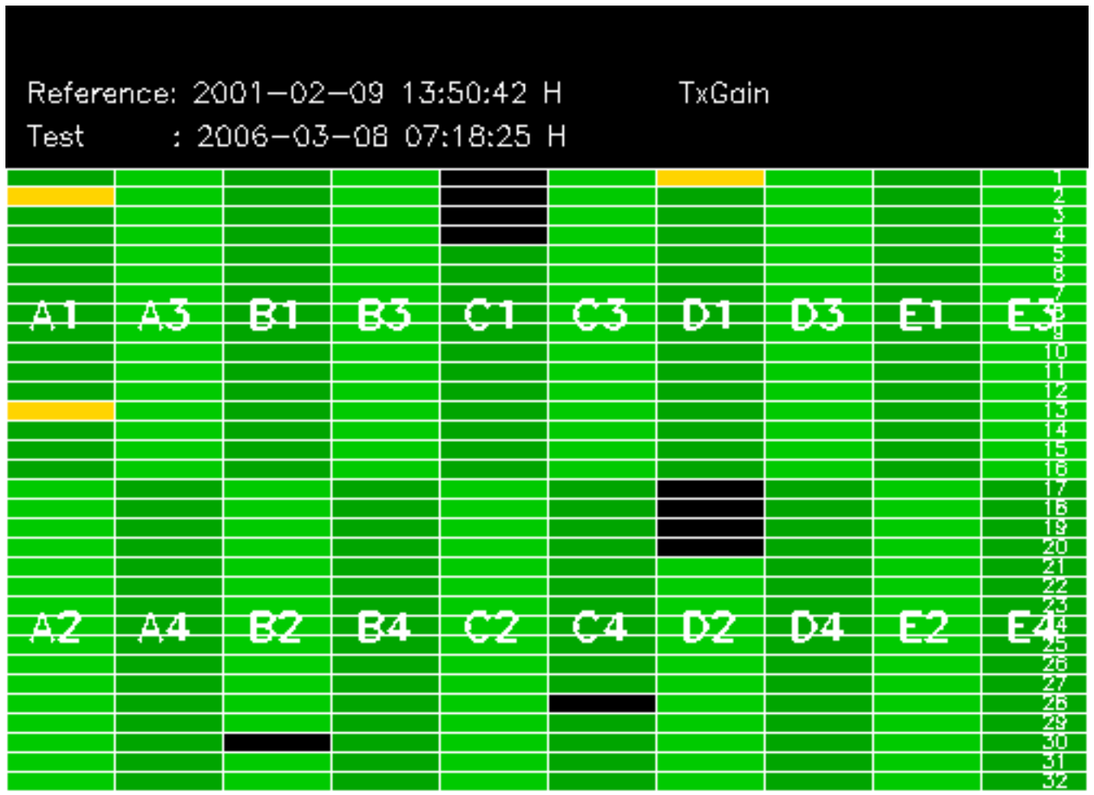
Reference: 2001-02-09 13:50:42 H
Test : 2006-03-08 07:18:25 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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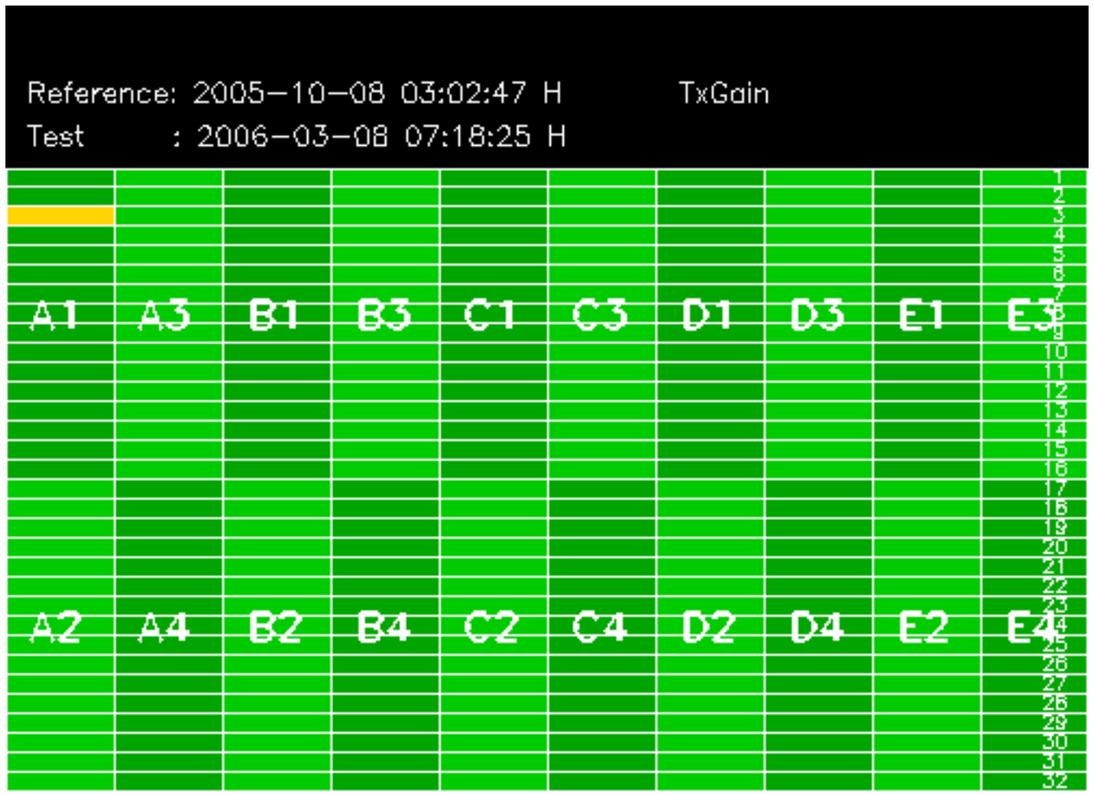
Reference: 2005-10-08 03:02:47 H
Test : 2006-03-08 07:18:25 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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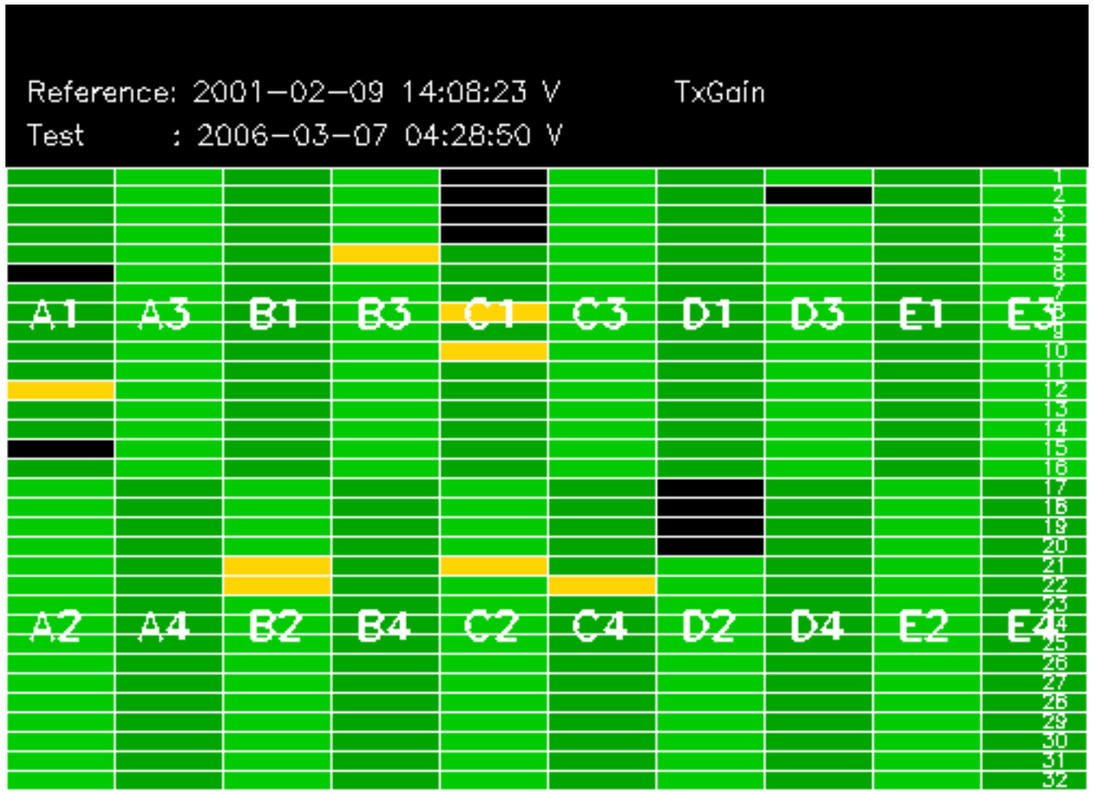
Reference: 2001-02-09 14:08:23 V
TxGain
Test : 2006-03-07 04:28:50 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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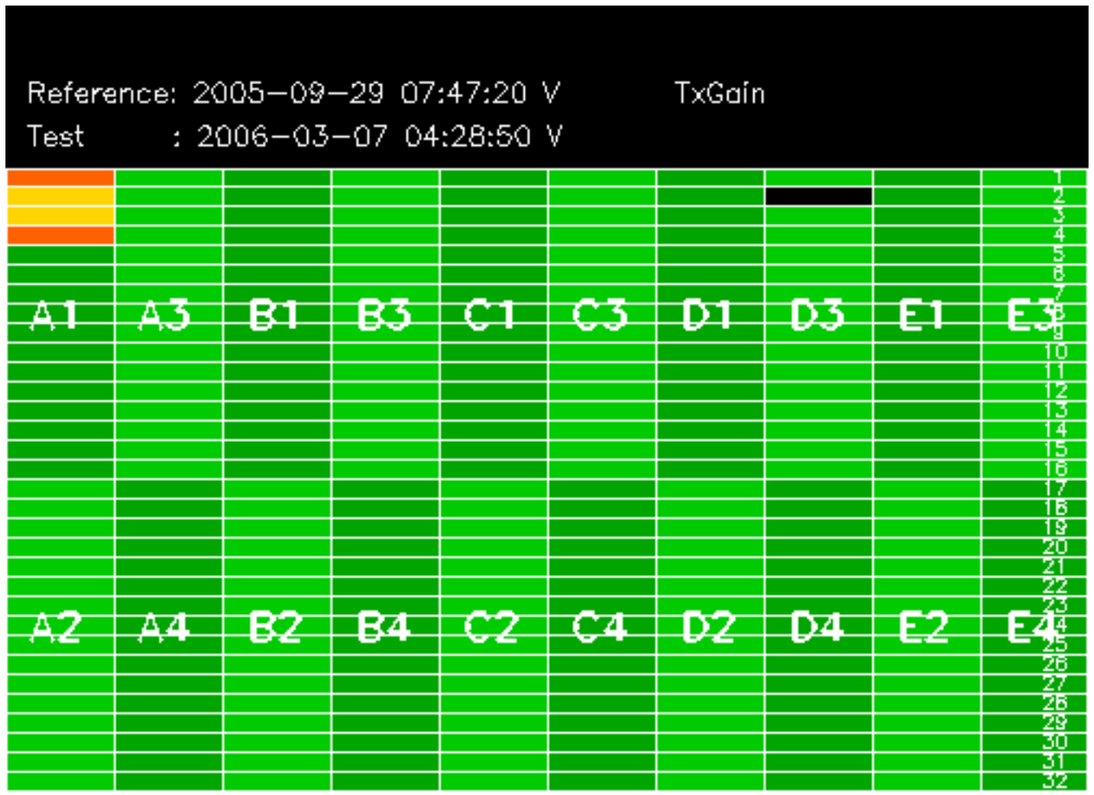
Reference: 2005-09-29 07:47:20 V
Test : 2006-03-07 04:28:50 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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Summary of analysis for the last 3 days 2006030[678]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
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<tr> <td>ASA_IMM_1PNPDE20060307_115630_000002682045_00410_21005_5678.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WVS_1PNPDE20060306_220602_000000002045_00401_20996_0000.N1 </td> <td>1 </td> <td>0 </td></tr>
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<tr> <td>ASA_WSM_1PNPDE20060307_164740_000001842045_00413_21008_0007.N1 </td> <td>0 </td> <td>8 </td></tr>
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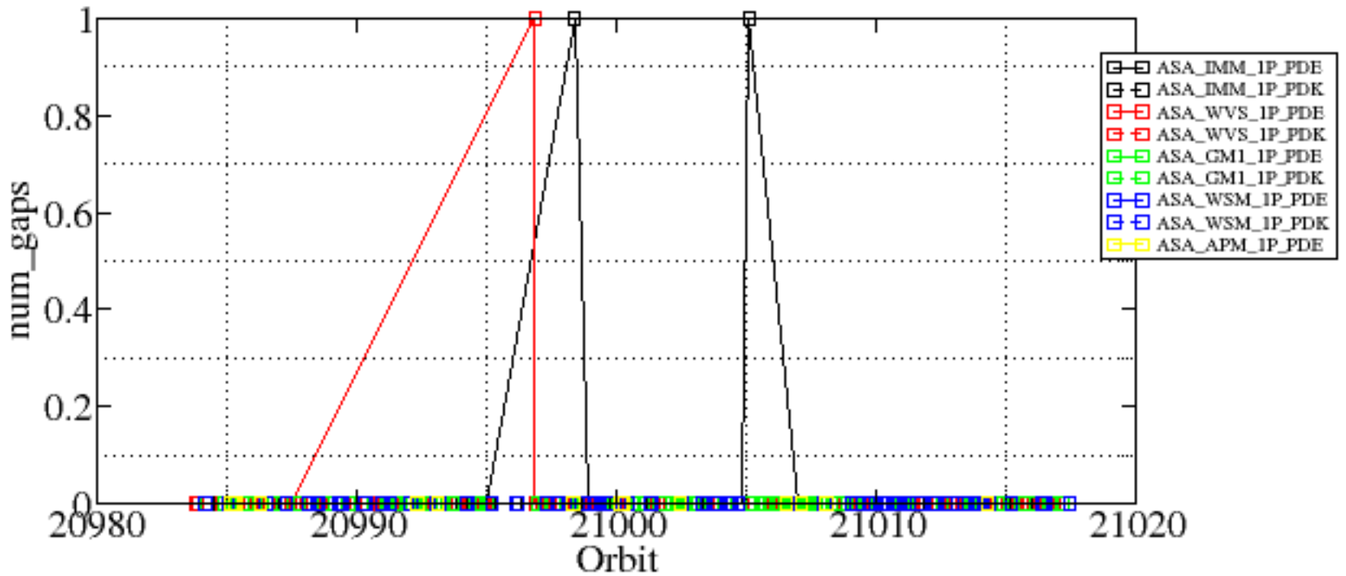
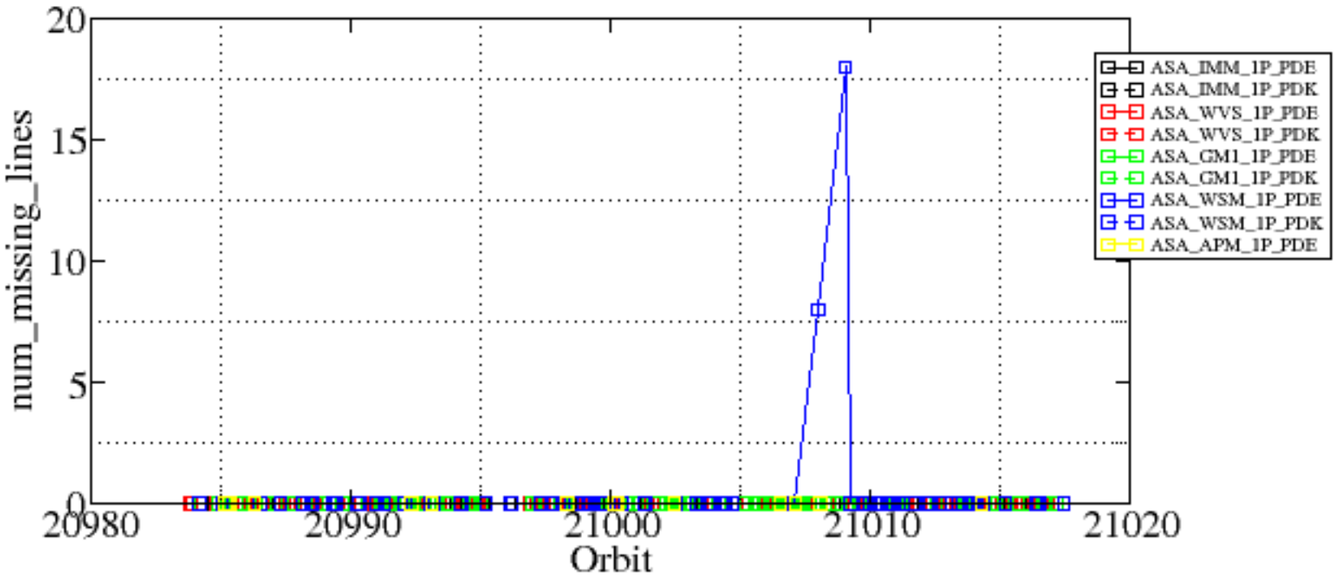
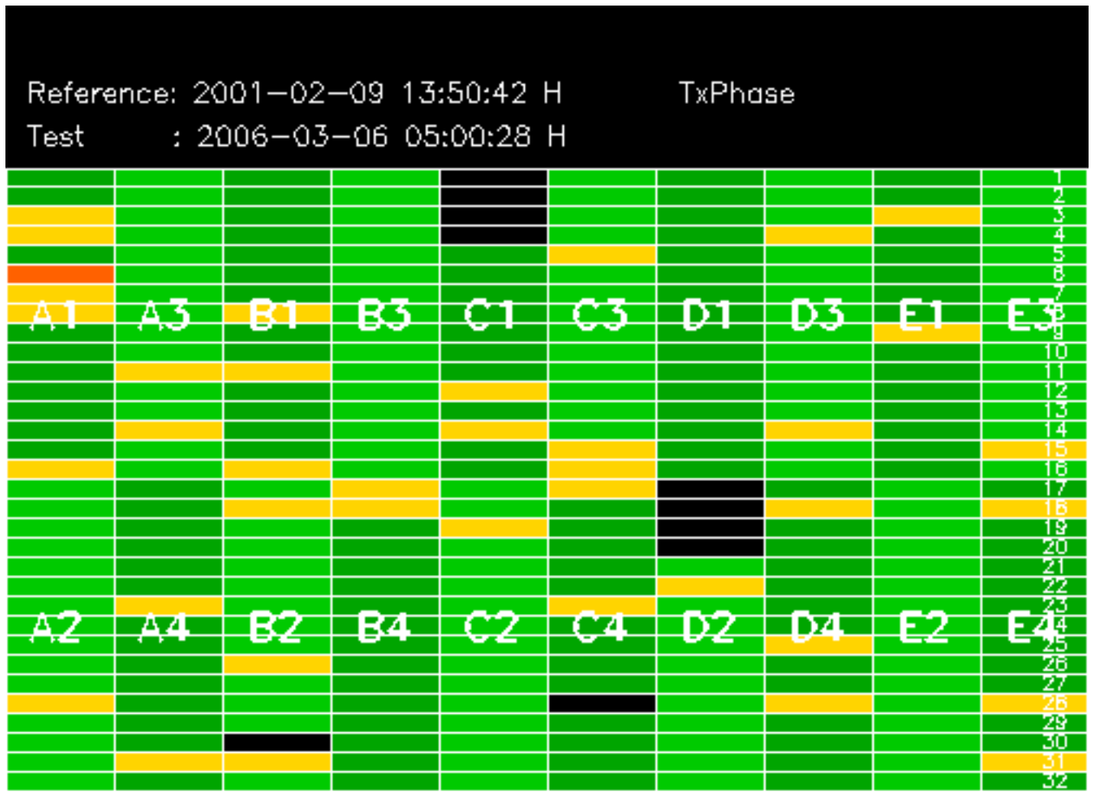
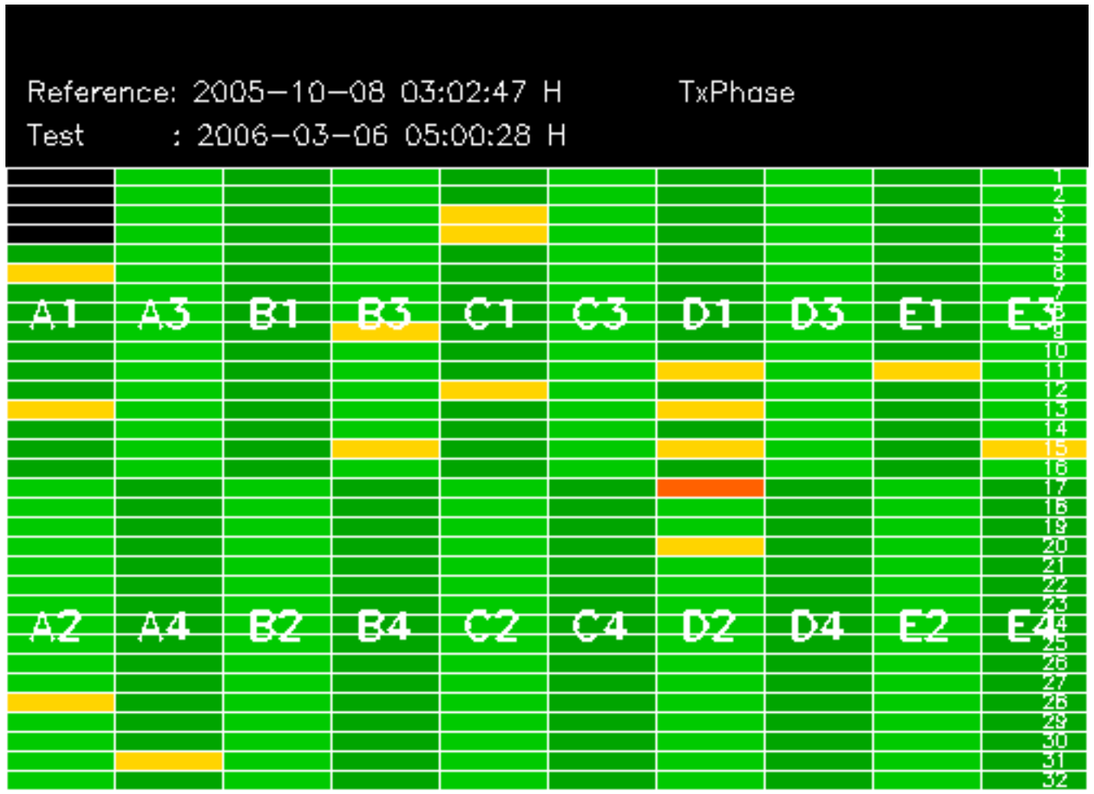

num_gaps
1
0.8
0.6
0.4
0.2
0
20980
20990
21000
21010
21020
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


num_missing_lines
Orbit
20
15
10
5
0
20980
20990
21000
21010
21020
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
Test : 2006-03-06 05:00:28 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4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TxPhase
Test : 2006-03-06 05:00:28 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
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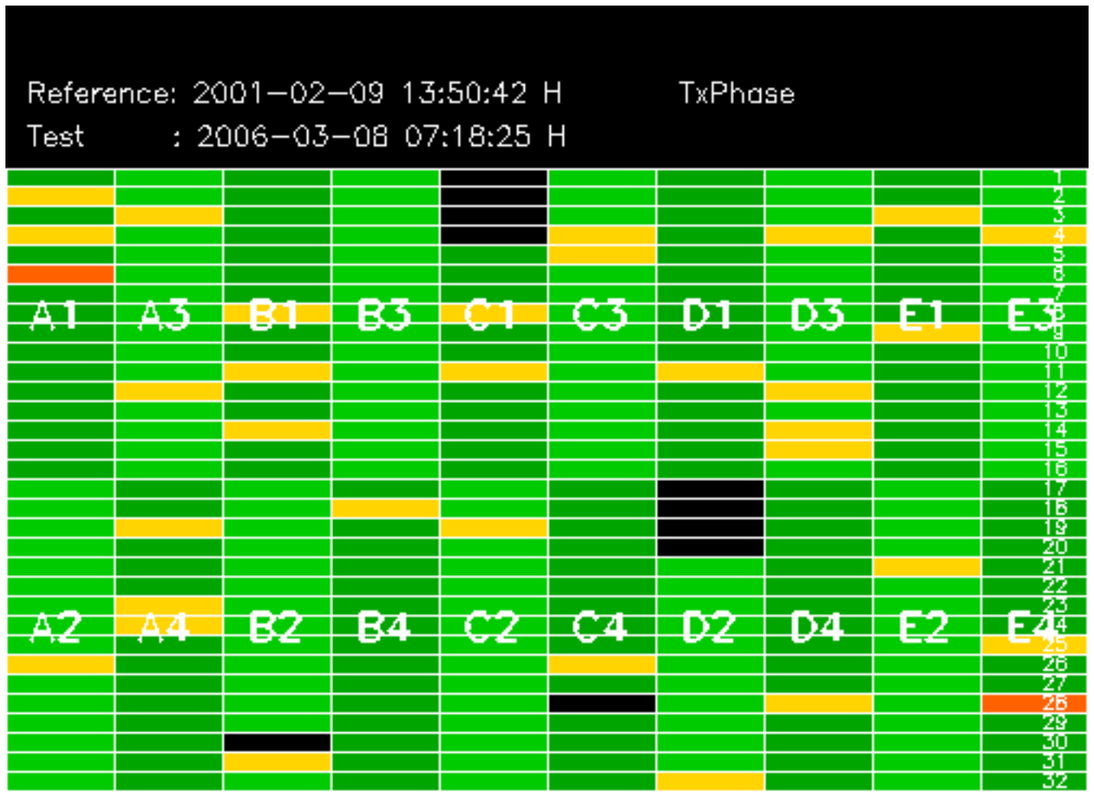
Reference: 2001-02-09 13:50:42 H
Test : 2006-03-08 07:18:25 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
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12
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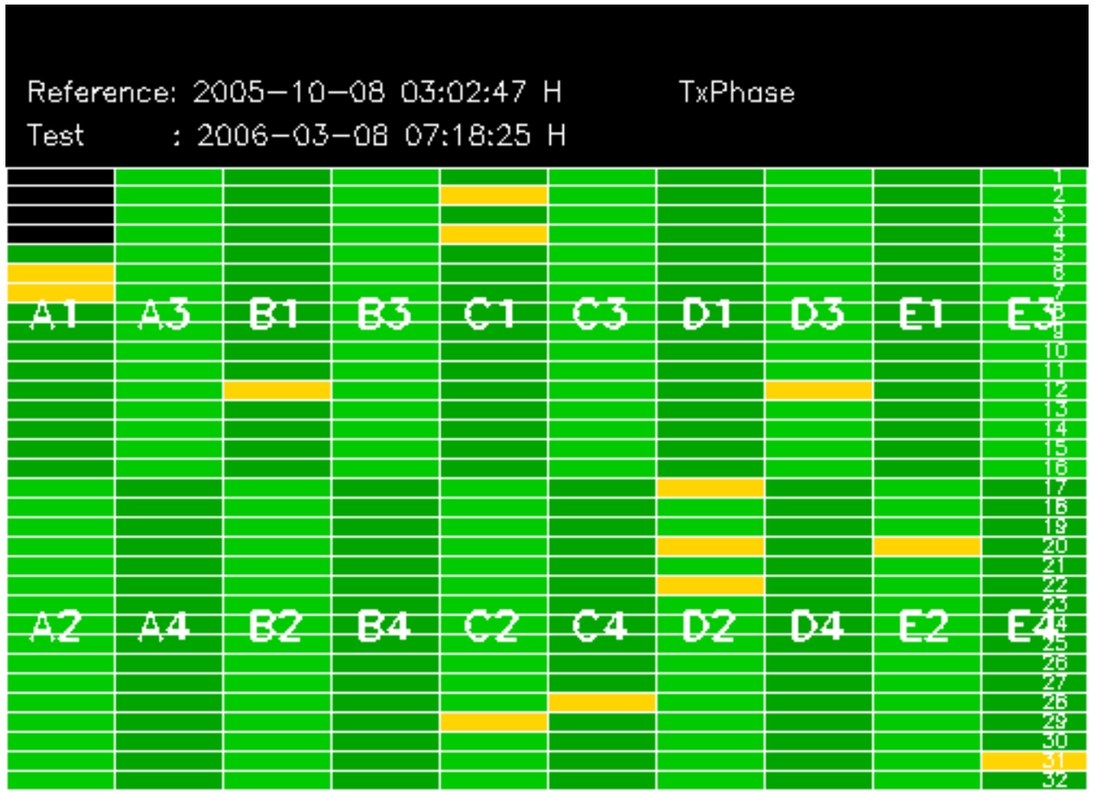
Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-03-08 07:18:25 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
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9
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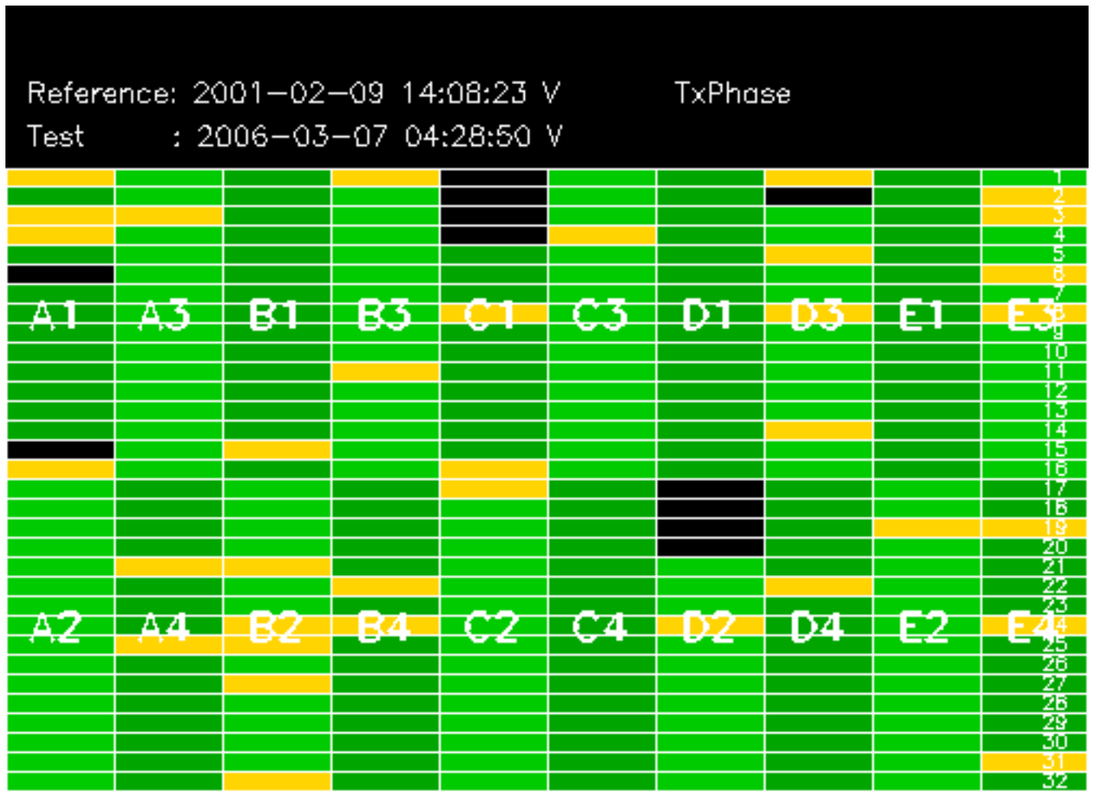
Reference: 2001-02-09 14:08:23 V
Test : 2006-03-07 04:28:50 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-03-07 04:28:50 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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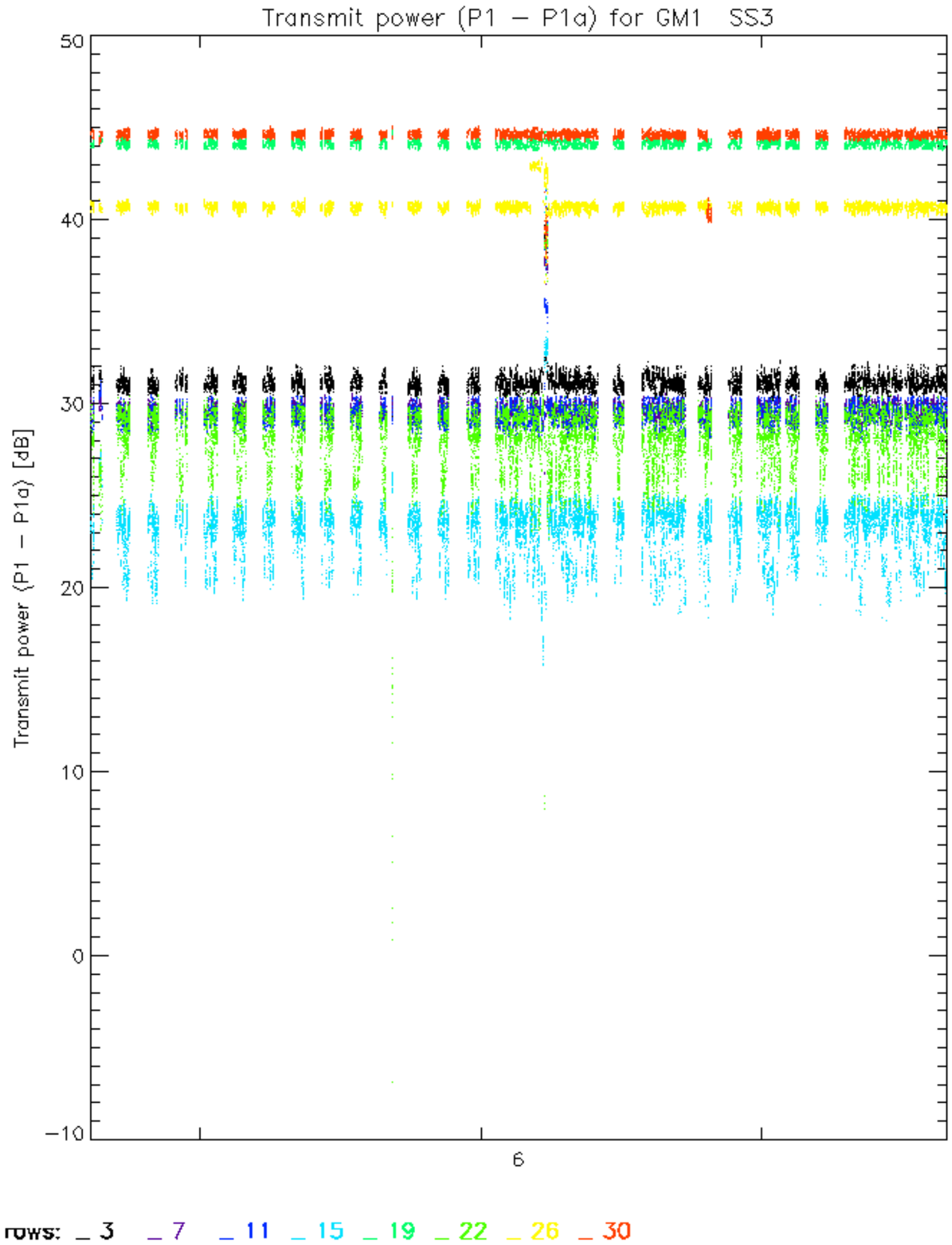
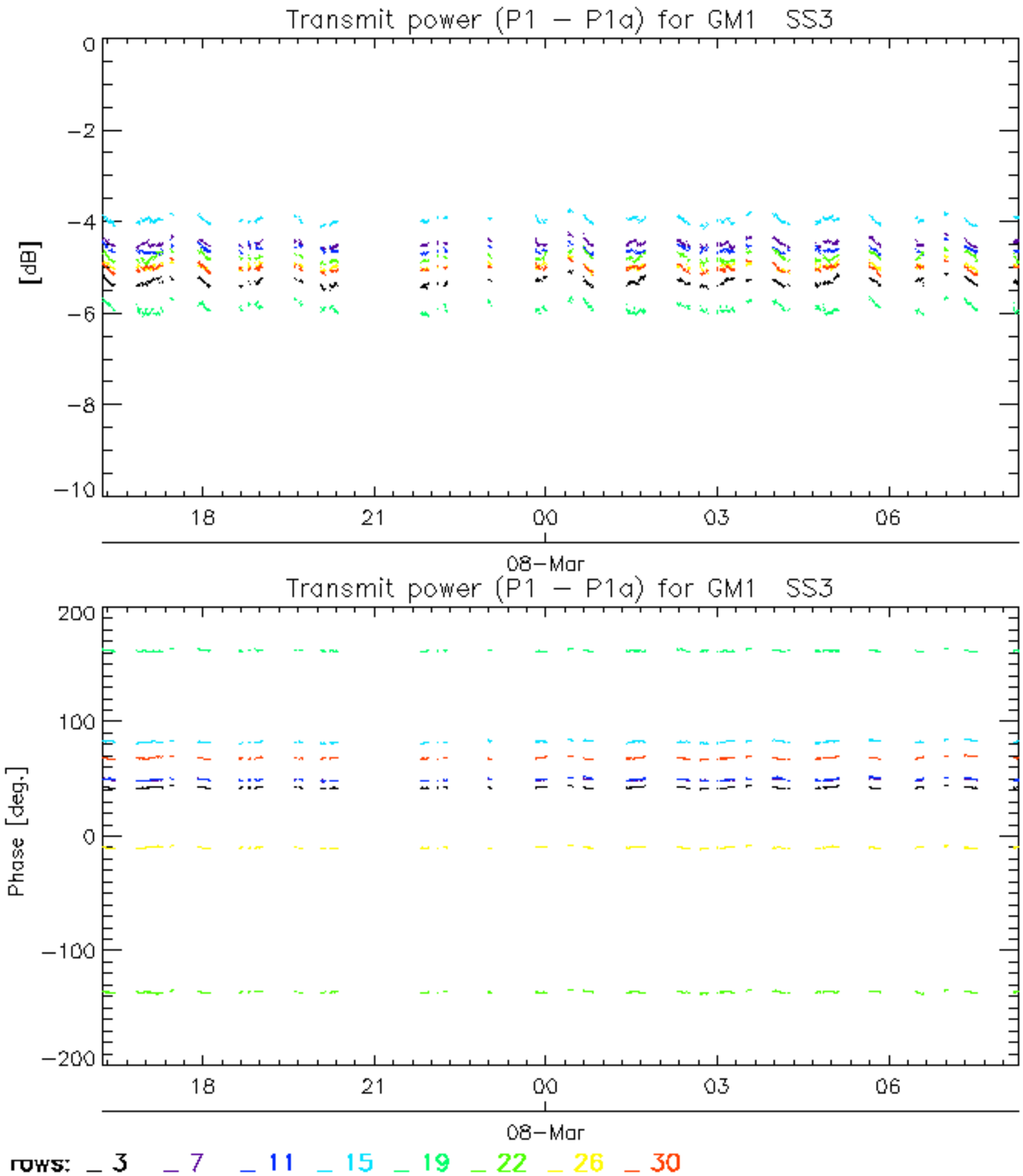
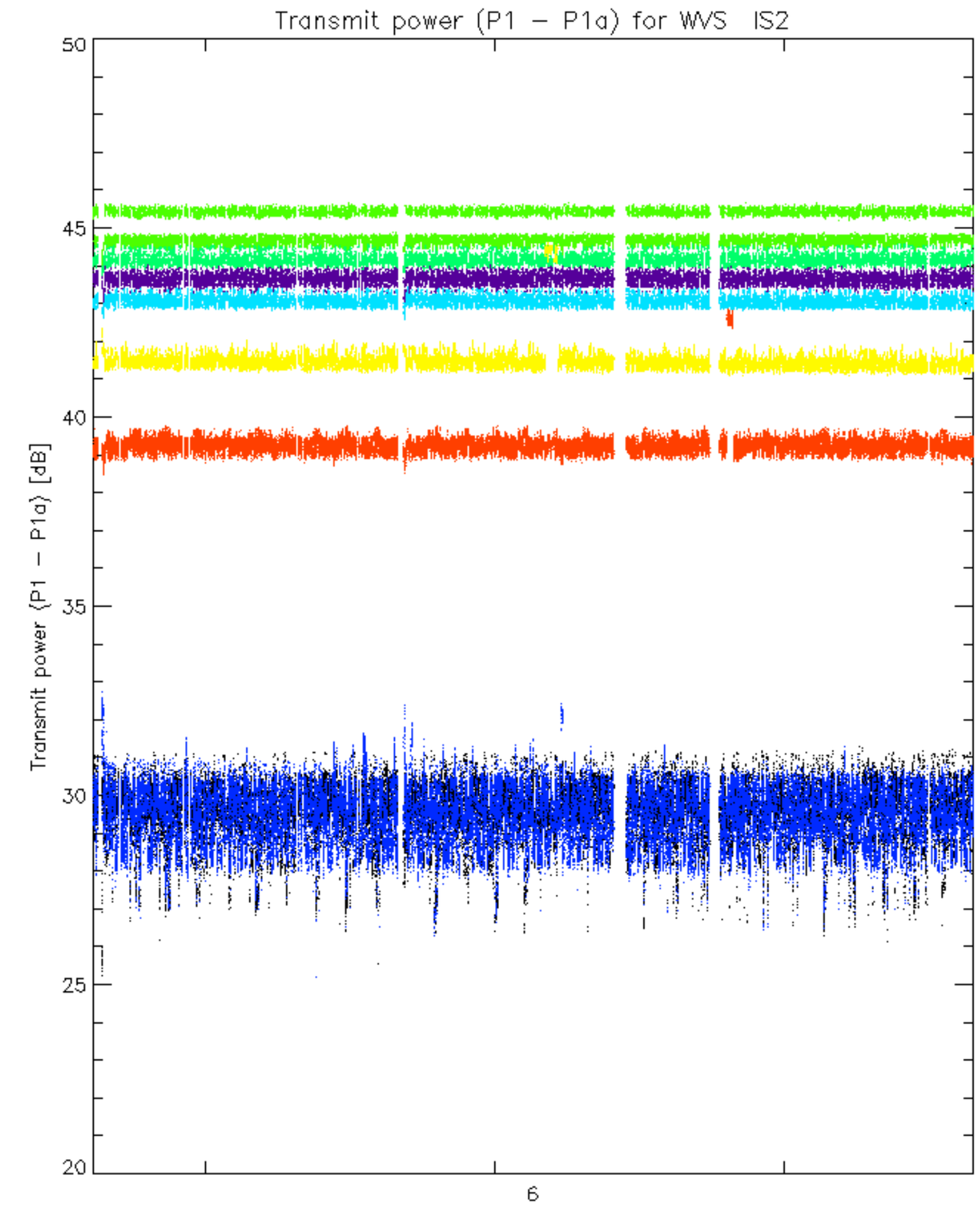
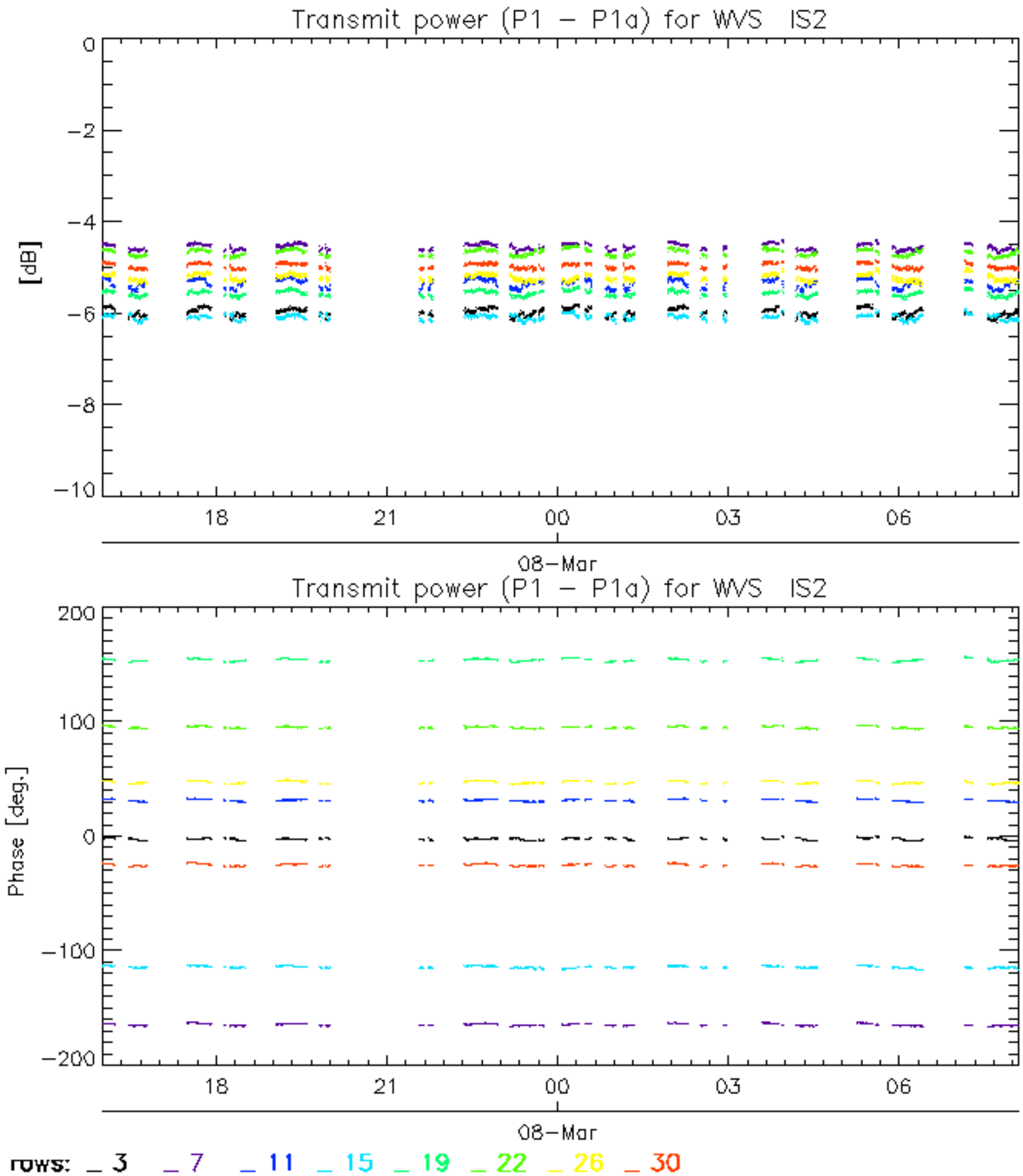

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
6
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
08−Mar
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
08−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
6
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
08–Mar
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
08–Mar
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.