PRELIMINARY REPORT OF 060211

last update on Sat Feb 11 16:40:35 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 2006-02-10 00:00:00 to 2006-02-11 16:40:35

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	46	0	12	0	26
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	46	0	12	0	26
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	46	0	12	0	26
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	46	0	12	0	26

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	45	34	45	8	42
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	45	34	45	8	42
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	45	34	45	8	42
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	45	34	45	8	42

2.3 - Browse Visual Inspection

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	20060210 055505
H	20060211 084440

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	-4.014678	0.008296	0.041084
7	P1	-3.001531	0.012773	-0.007676
11	P1	-4.093362	0.022115	0.018986
15	P1	-6.058928	0.017991	0.006918
19	P1	-3.257027	0.006593	-0.017219
22	P1	-4.474924	0.018538	0.018835
26	P1	-4.196940	0.013214	0.046959
30	P1	-5.771674	0.010437	0.004581
3	P1	-16.909586	0.265465	0.049868
7	P1	-16.645323	0.125297	-0.116749
11	P1	-16.594027	0.300264	0.035355
15	P1	-13.175837	0.111153	0.139387
19	P1	-13.889286	0.071332	-0.032763
22	P1	-15.804845	0.561566	0.207925
26	P1	-15.763946	0.249508	0.049270
30	P1	-16.576387	0.311424	0.054396

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.555252	0.092694	0.162407
7	P2	-22.436178	0.096387	0.090021
11	P2	-16.273216	0.102491	0.084800
15	P2	-7.196389	0.102987	0.042397
19	P2	-9.160179	0.097067	0.029752
22	P2	-17.941565	0.094067	-0.006925
26	P2	-16.214470	0.100732	0.011632
30	P2	-19.641731	0.084738	0.016772

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.203704	0.007381	0.023907
7	P3	-8.203704	0.007381	0.023907
11	P3	-8.203704	0.007381	0.023907
15	P3	-8.203704	0.007381	0.023907
19	P3	-8.203704	0.007381	0.023907
22	P3	-8.203704	0.007381	0.023907
26	P3	-8.203704	0.007381	0.023907
30	P3	-8.203704	0.007381	0.023907

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	-3.732675	0.011379	-0.036008
7	P1	-2.742772	0.007528	0.001165
11	P1	-2.879362	0.013036	-0.075302
15	P1	-3.491385	0.020639	-0.093145
19	P1	-3.379473	0.012119	-0.019376
22	P1	-5.138867	0.021728	-0.066500
26	P1	-5.847940	0.017651	0.022887
30	P1	-5.232948	0.027948	0.046539
3	P1	-11.540227	0.041753	-0.044637
7	P1	-9.920938	0.047747	-0.044085
11	P1	-10.121717	0.054505	-0.177875
15	P1	-10.662104	0.097404	-0.147698
19	P1	-15.458124	0.061903	0.039712
22	P1	-20.463385	1.251657	0.407479
26	P1	-16.647455	0.352838	0.441844
30	P1	-18.208481	0.328850	-0.156383

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.335831	0.038087	0.231042
7	P2	-22.772715	0.070115	0.222377
11	P2	-11.378019	0.025727	0.154480
15	P2	-4.888587	0.028385	0.065555
19	P2	-6.897494	0.025122	0.052048
22	P2	-8.182636	0.025882	0.018630
26	P2	-23.956409	0.025800	0.020846
30	P2	-22.086561	0.019141	0.004603

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.040206	0.002668	0.034869
7	P3	-8.040077	0.002676	0.034685
11	P3	-8.040107	0.002678	0.035015
15	P3	-8.040178	0.002684	0.034674
19	P3	-8.040270	0.002679	0.034488
22	P3	-8.040248	0.002676	0.034881
26	P3	-8.040254	0.002682	0.034712
30	P3	-8.040158	0.002689	0.035105

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	0.000567158
	stdev	1.63495e-07
MEAN Q	mean	0.000527635
	stdev	2.09725e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.140015
	stdev	0.00114621
STDEV Q	mean	0.140376
	stdev	0.00116574

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006021[901]
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_1PNPDE20060210_052944_000000042045_00048_20643_2658.N1	0	248
ASA_IMM_1PNPDE20060210_054350_000000352045_00048_20643_2602.N1	1	0
ASA_IMM_1PNPDE20060211_005021_000002372045_00059_20654_2678.N1	1	0
ASA_WVS_1PNPDE20060210_040752_000000002045_00047_20642_0876.N1	1	0

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

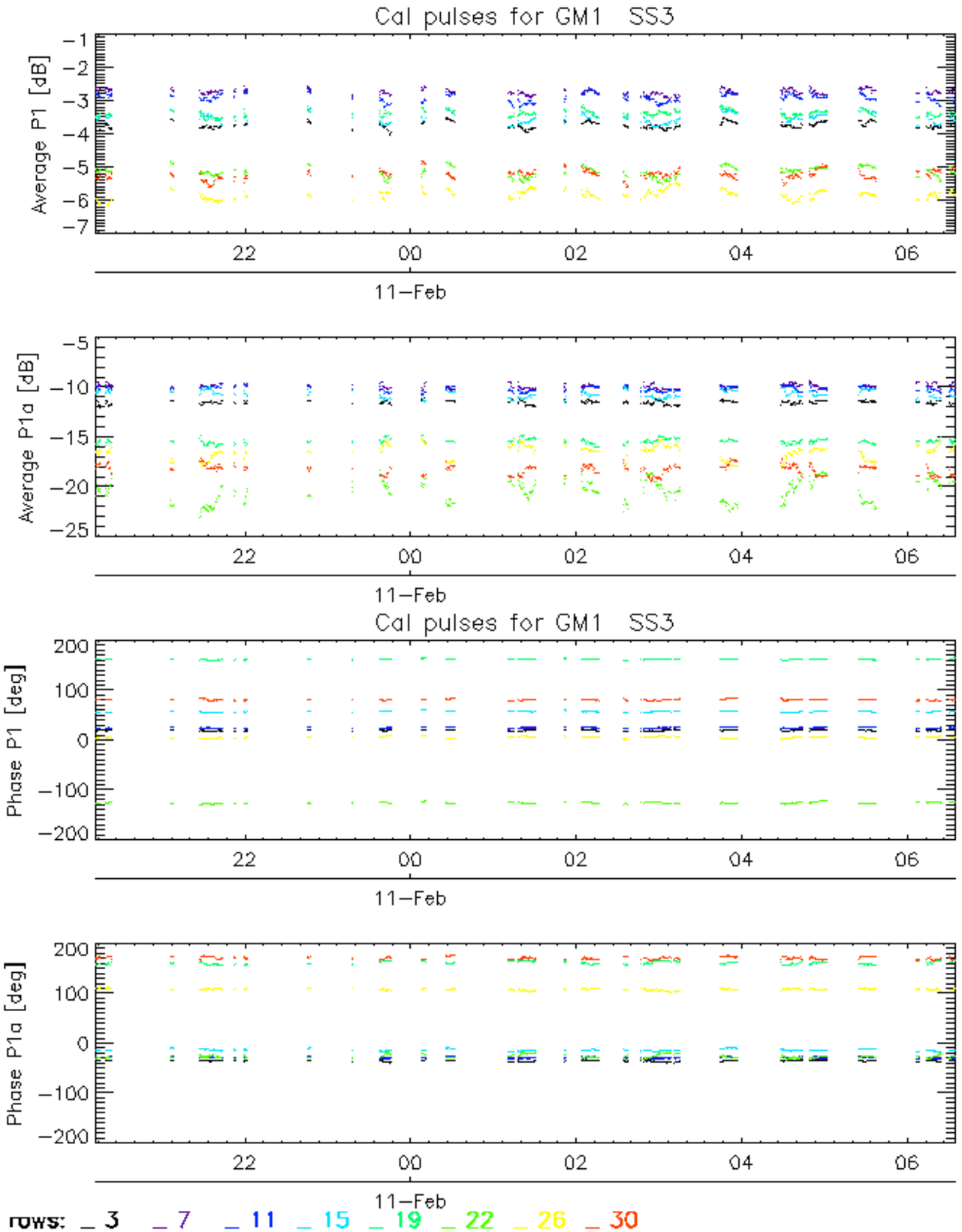
Descending

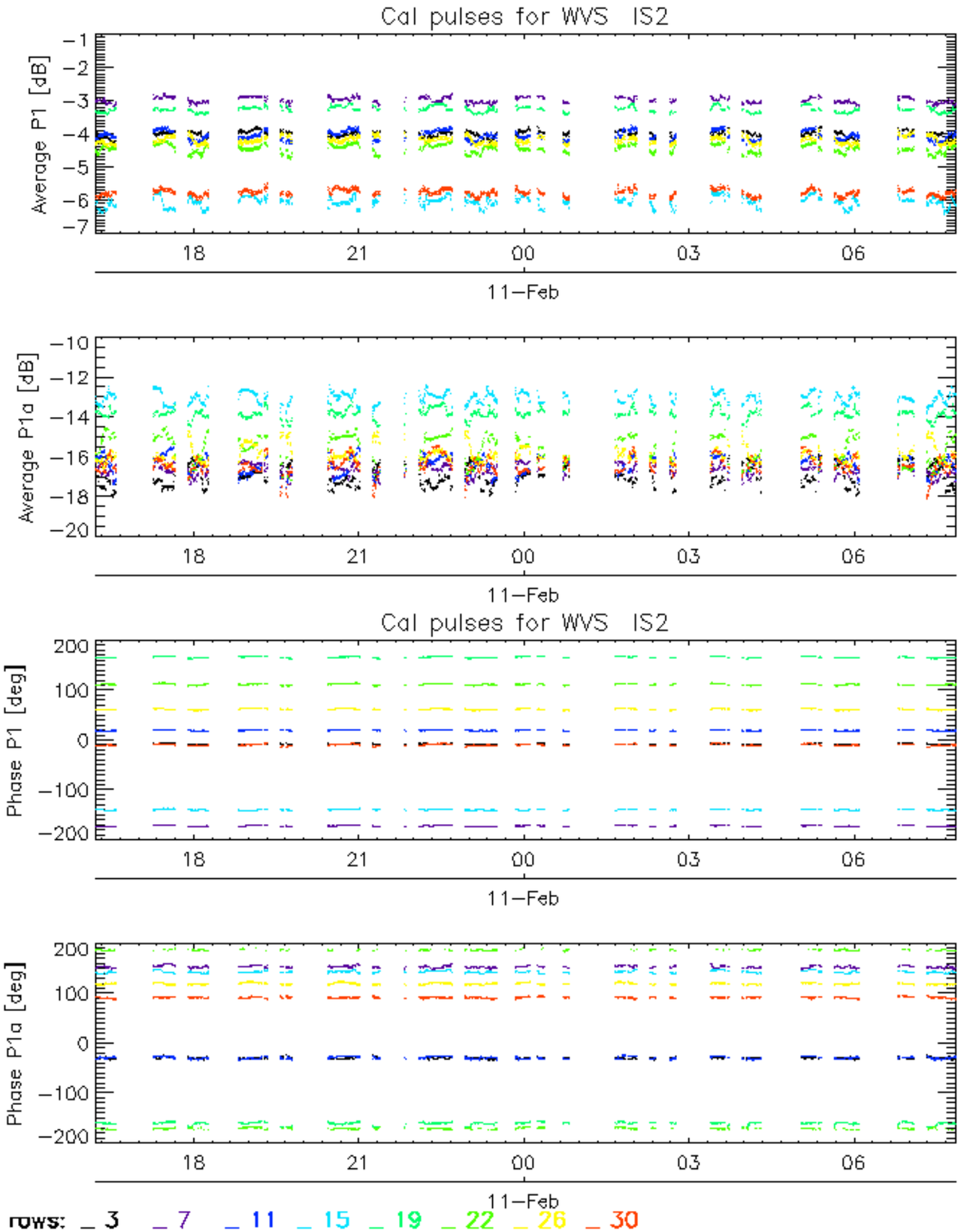
7.5 - Absolute Doppler for GM1

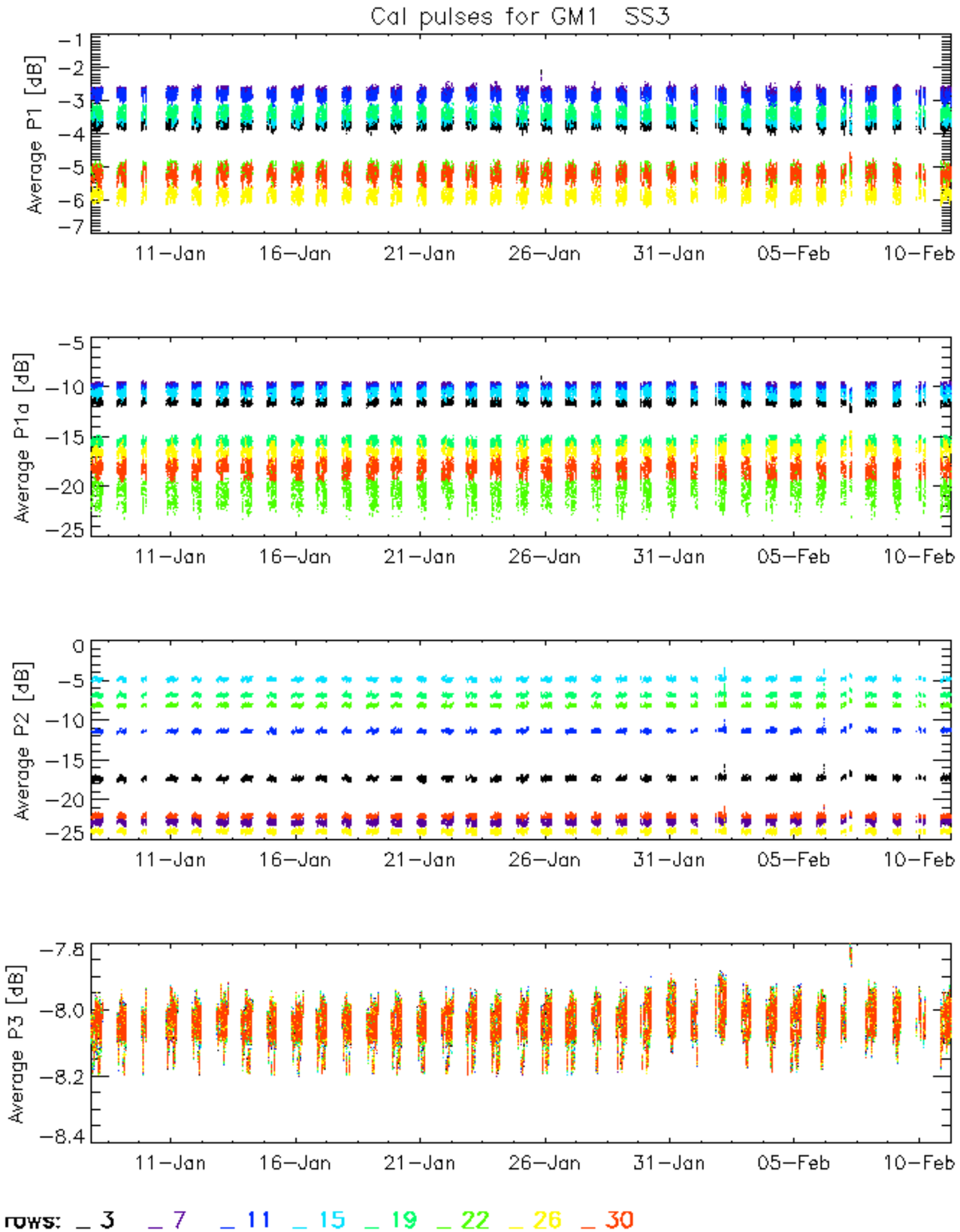
Evolution of Absolute Doppler
Acsending
Descending

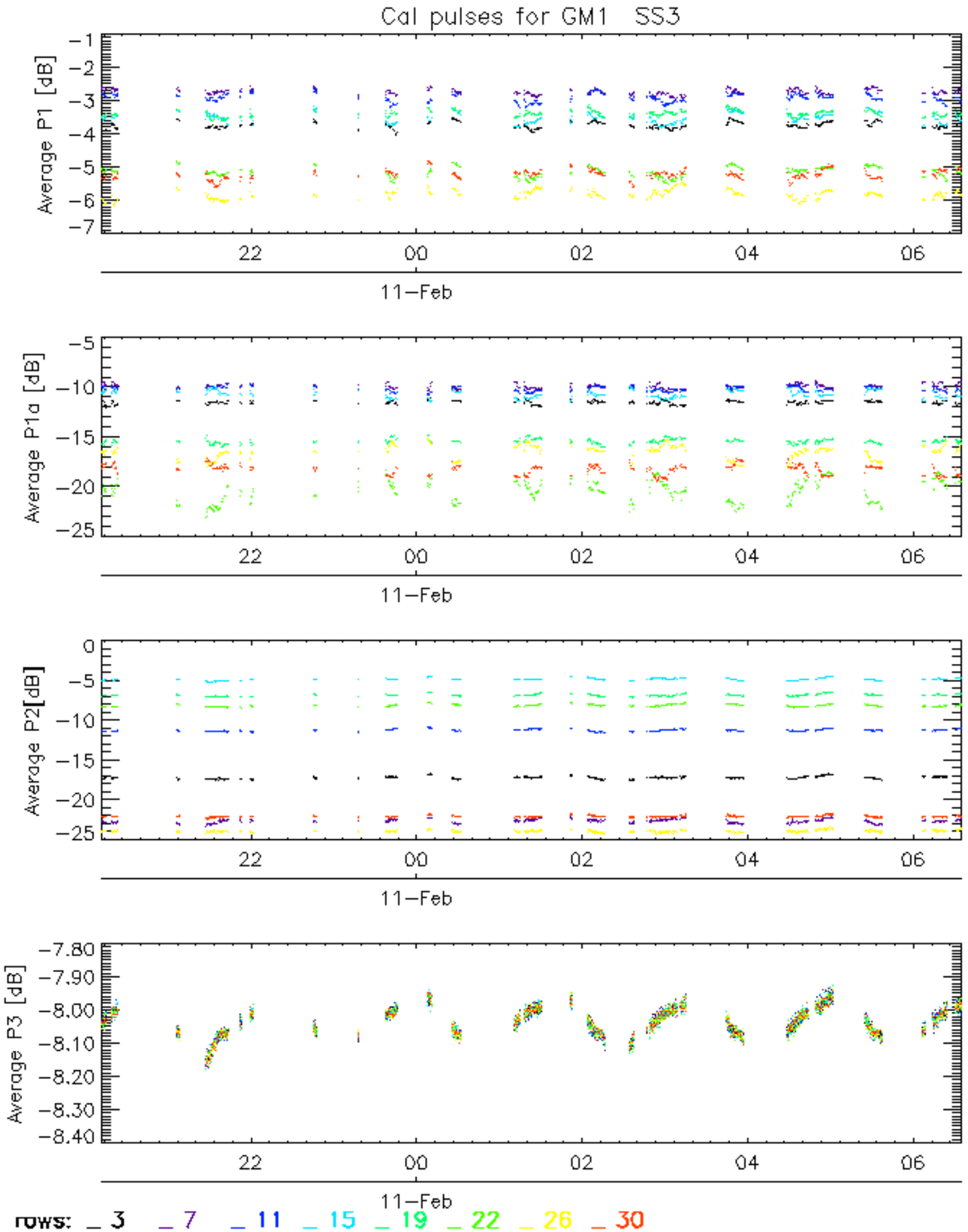
7.6 - Doppler evolution versus ANX for GM1

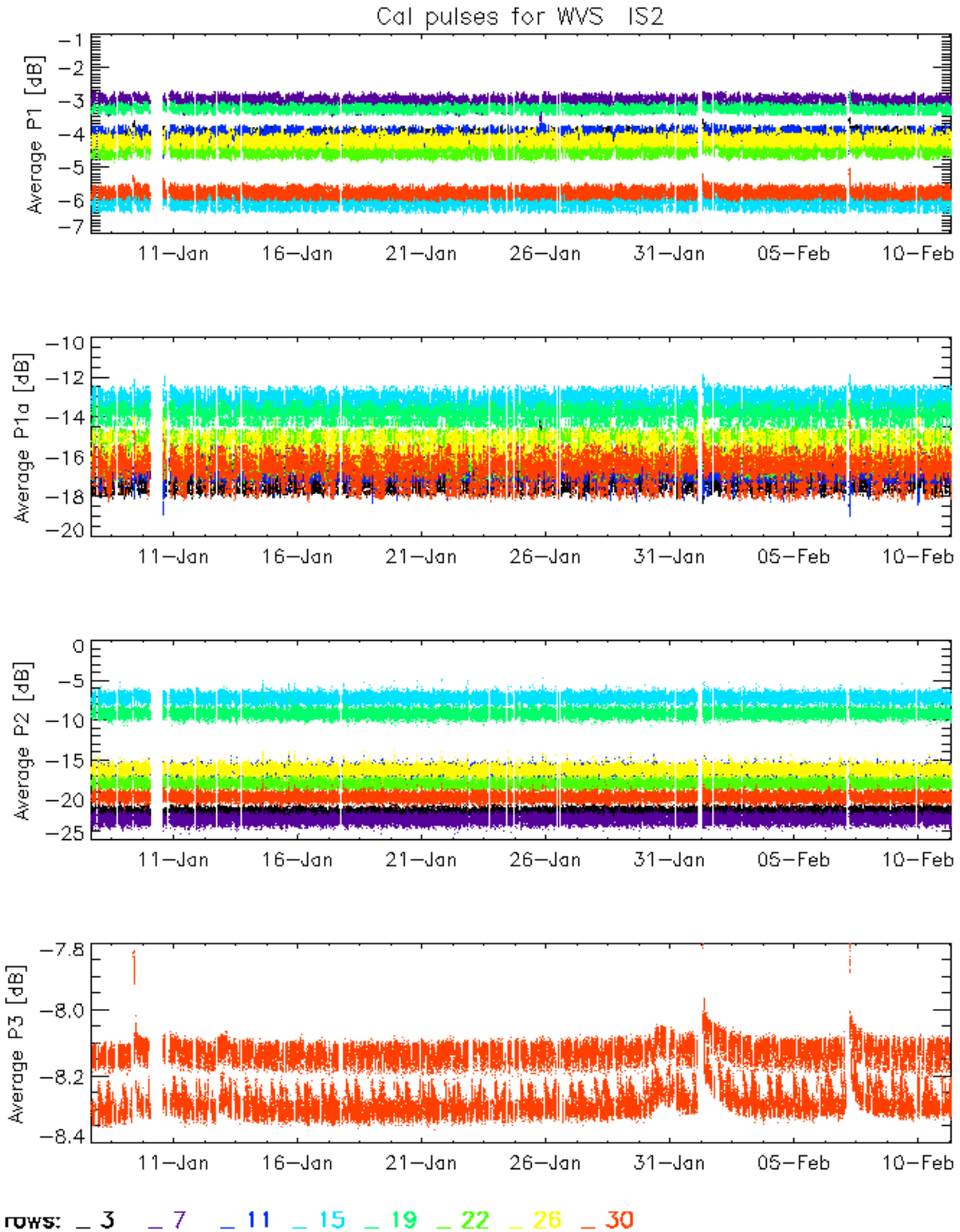
Evolution Doppler error versus ANX

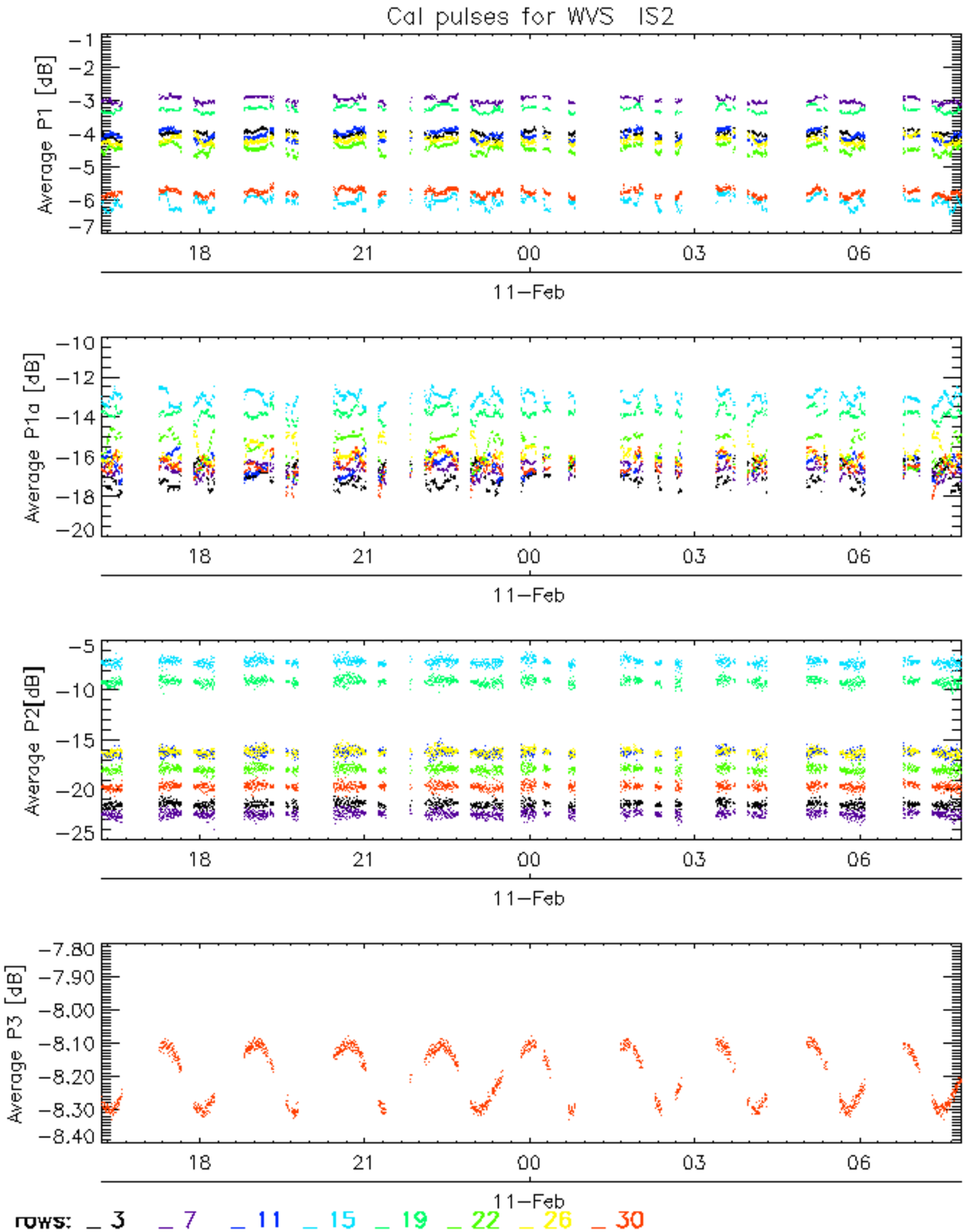

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
11−Feb
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
11−Feb
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
22
00
02
04
06
11−Feb
Phase P1a [deg]
200
100
0
−100
−200
22
00
02
04
06
11−Feb
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


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

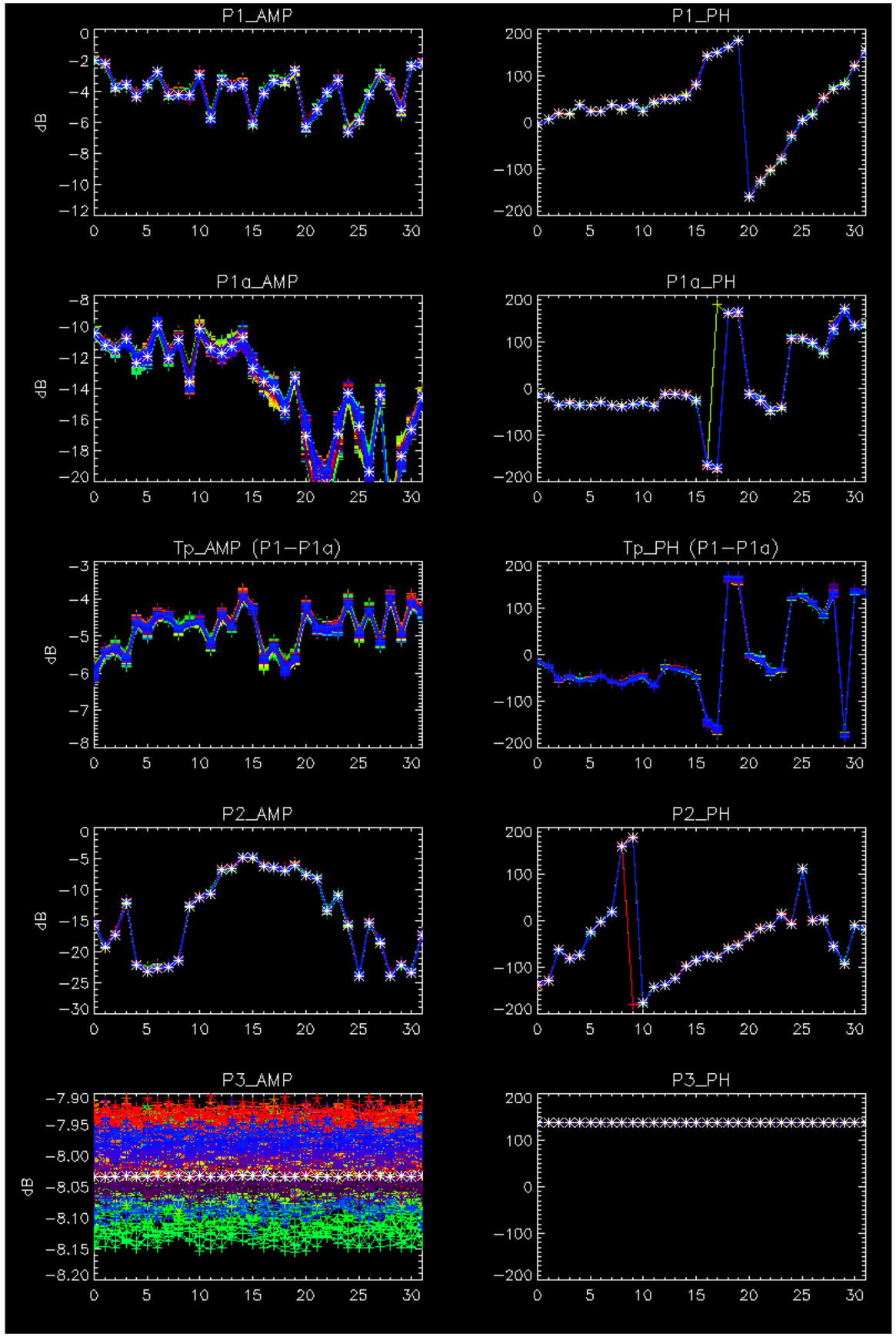

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

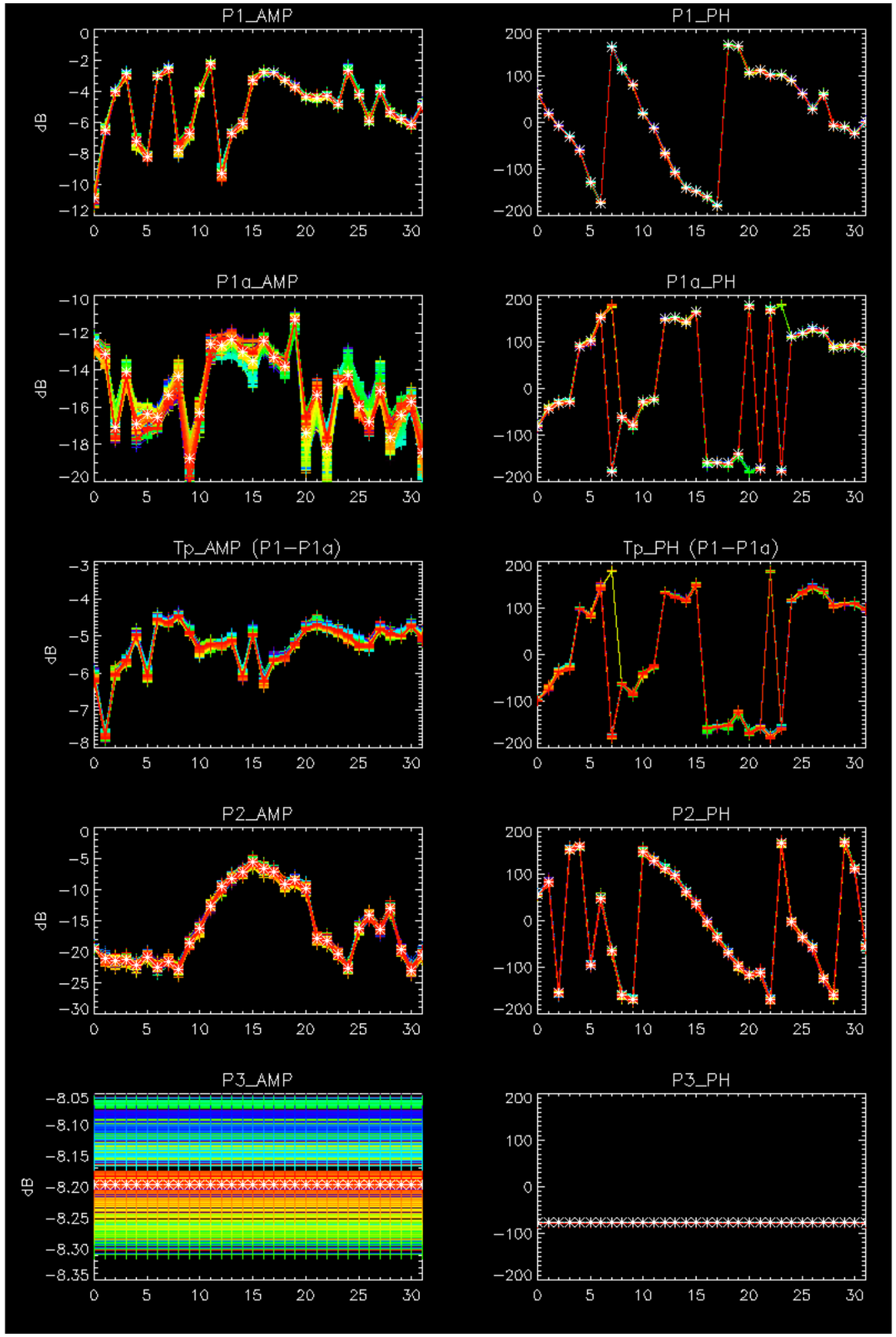

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
11−Feb
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
11−Feb
Average P2[dB]
0
−5
−10
−15
−20
−25
22
00
02
04
06
11−Feb
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
22
00
02
04
06
11−Feb
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


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

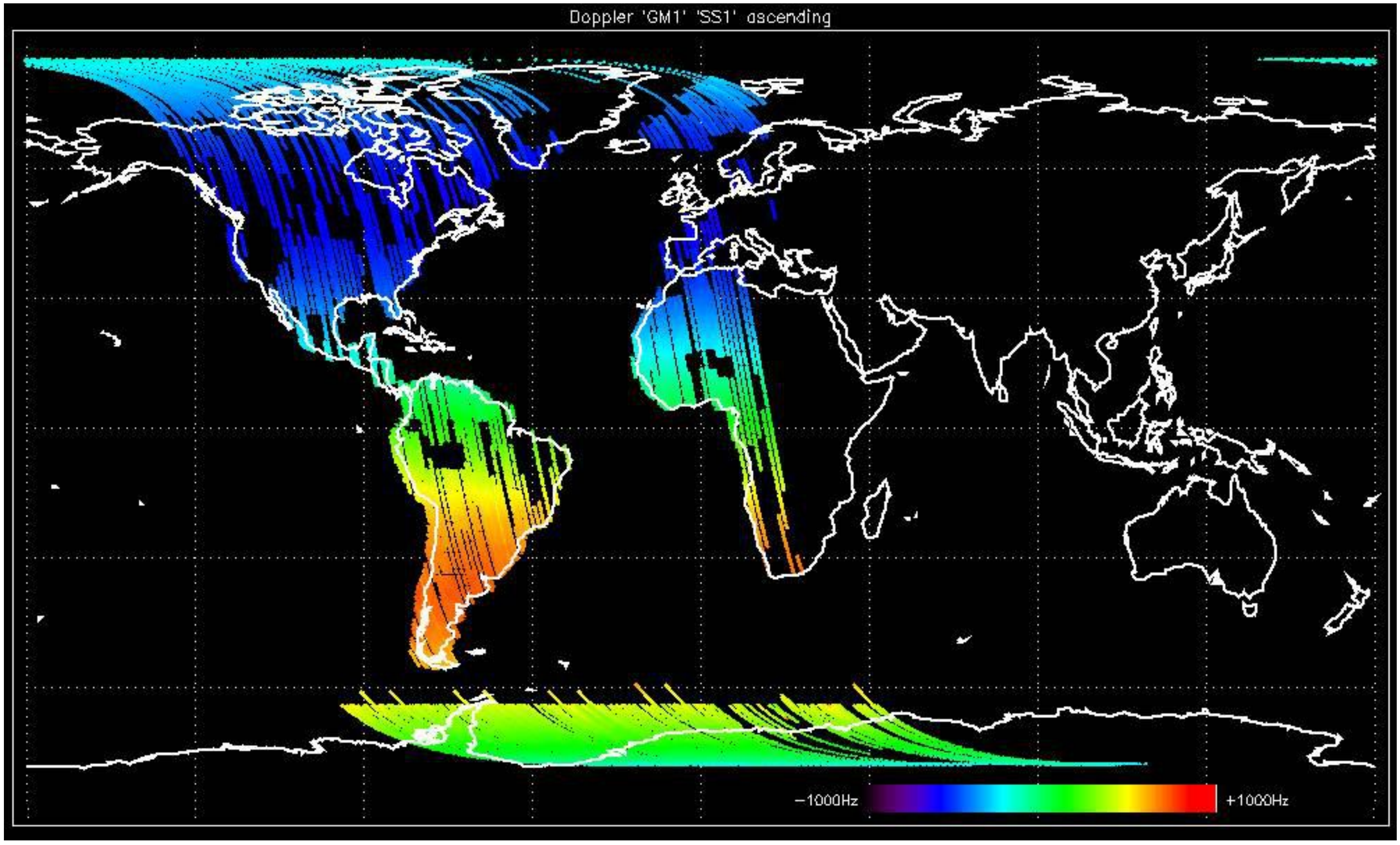
No anomalies observed.

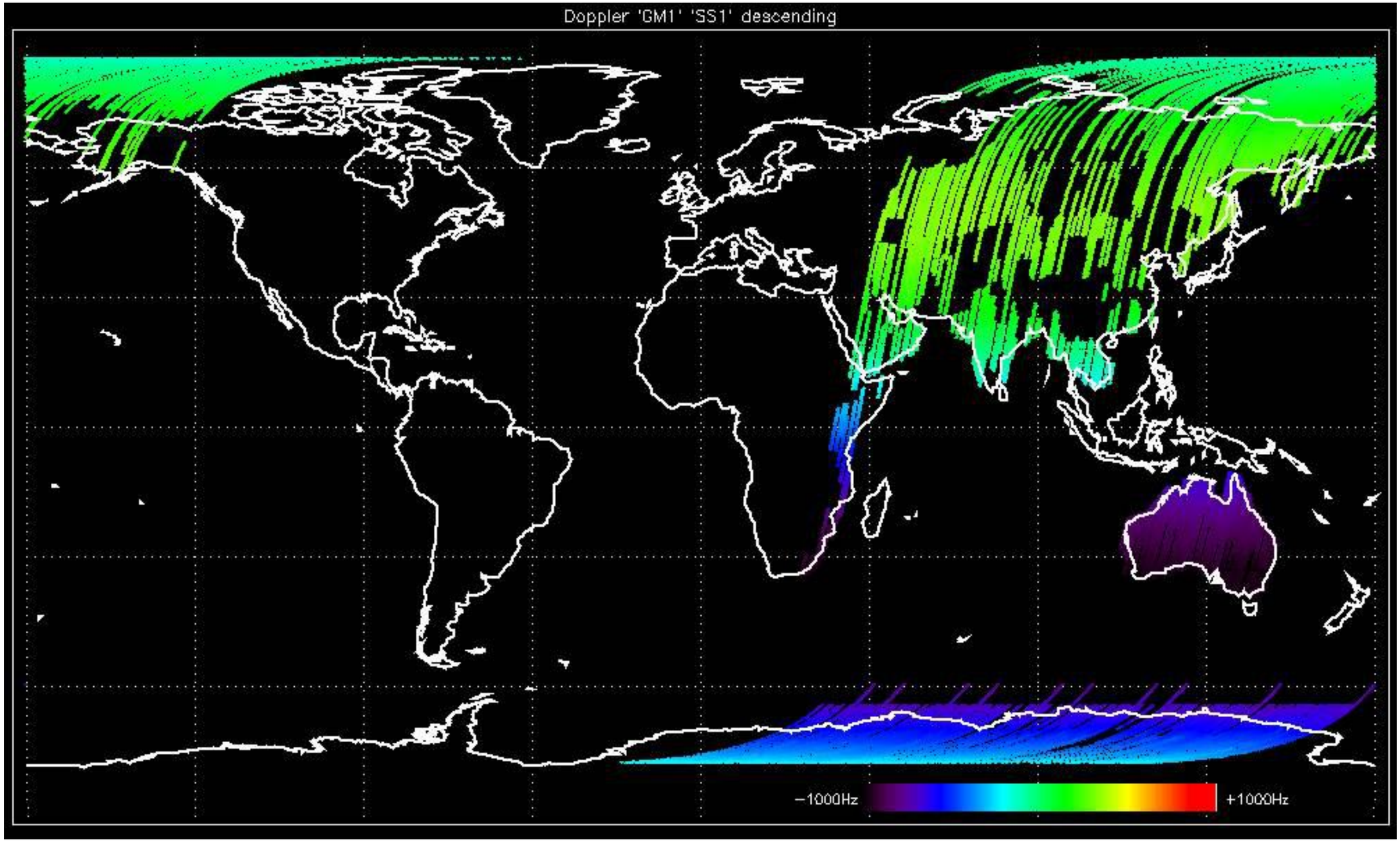

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

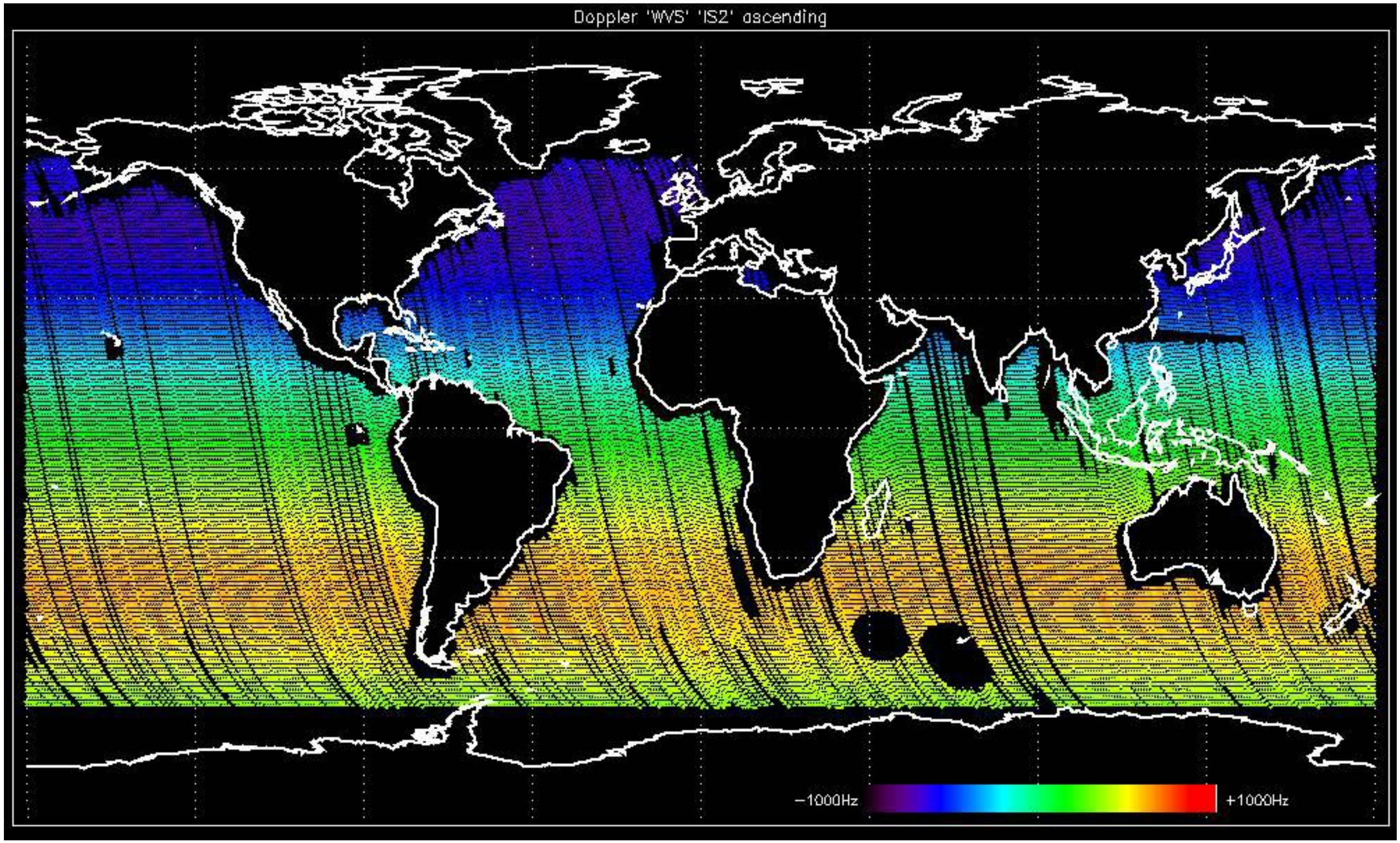

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

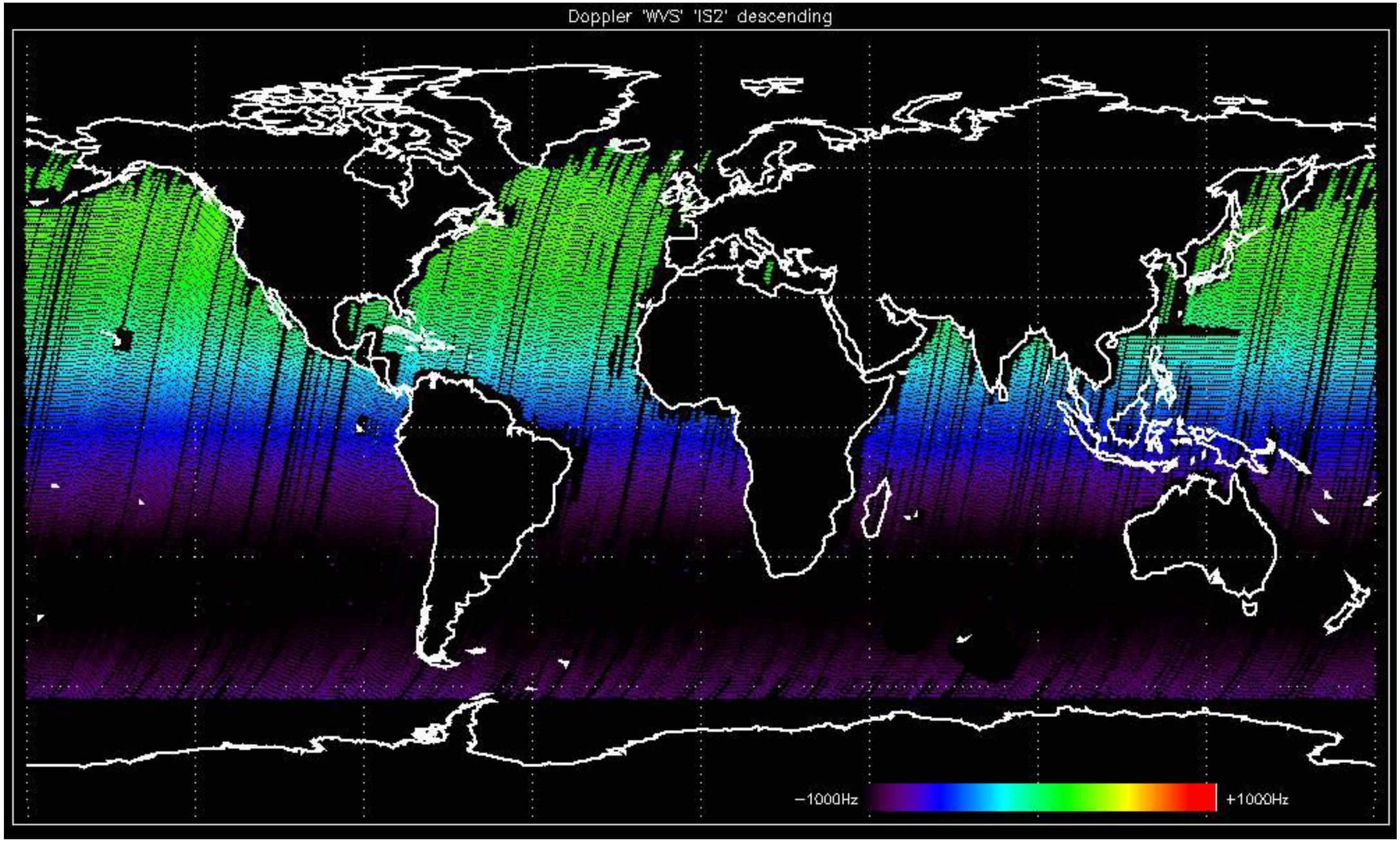
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

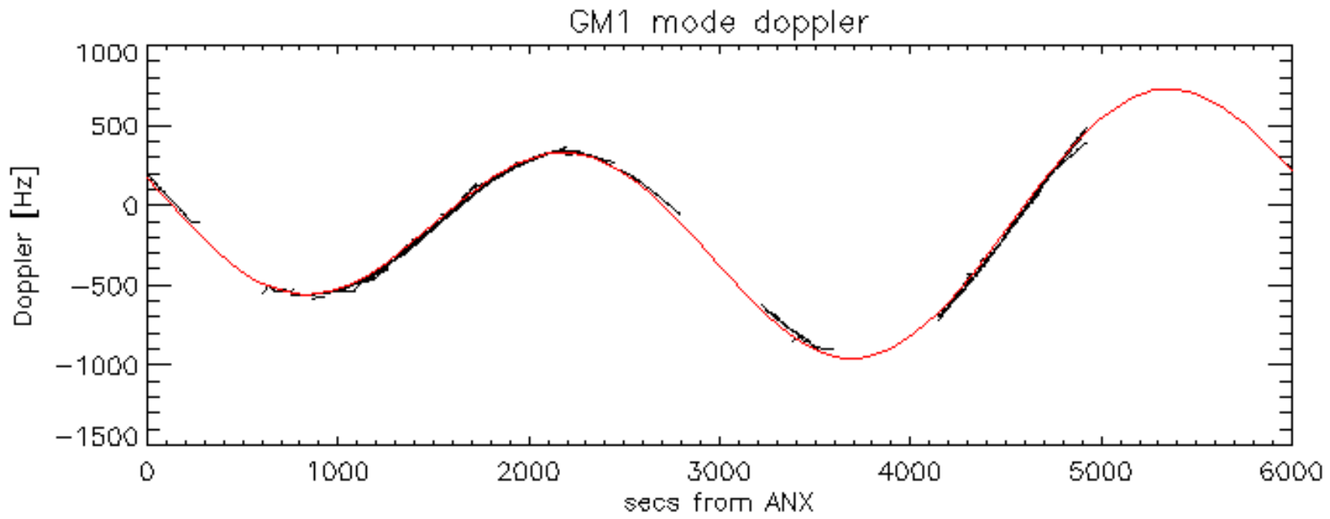
Preliminary report.The data is not yet controled

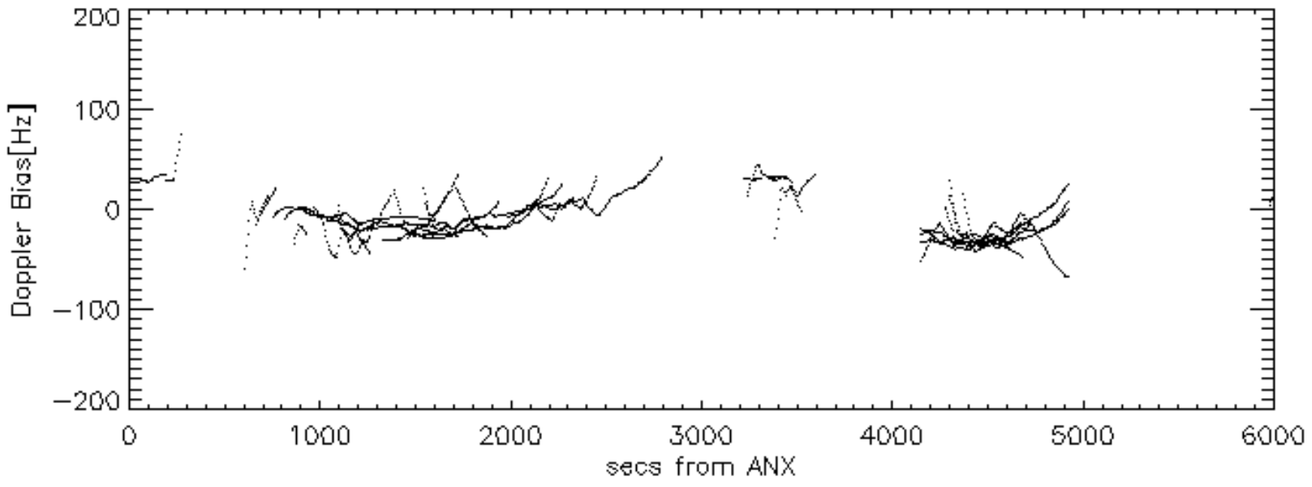

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

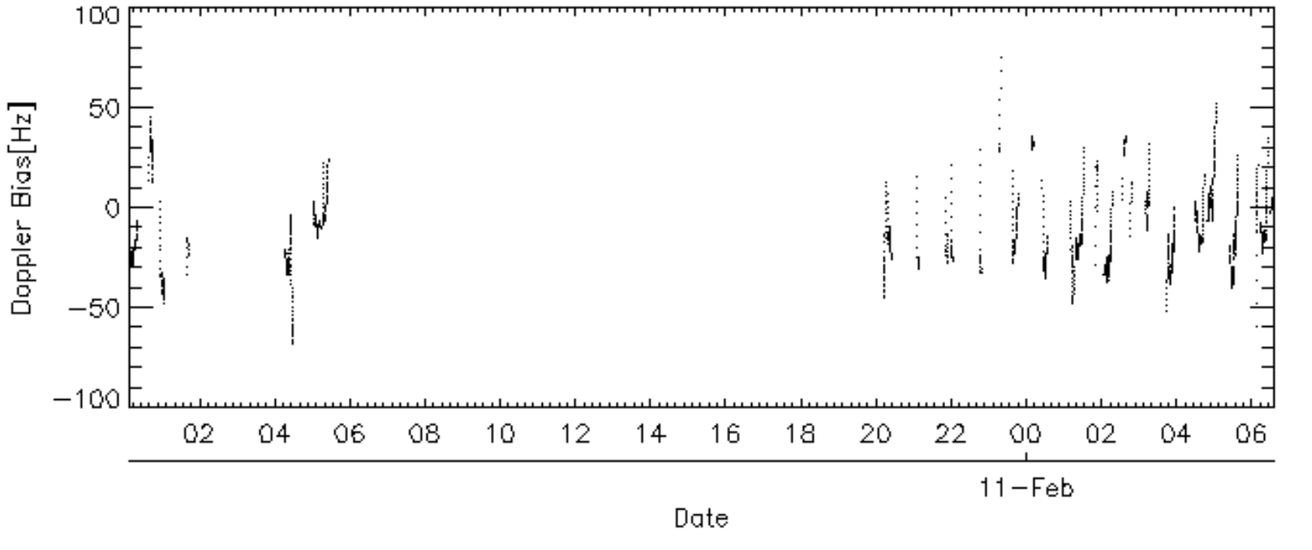

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

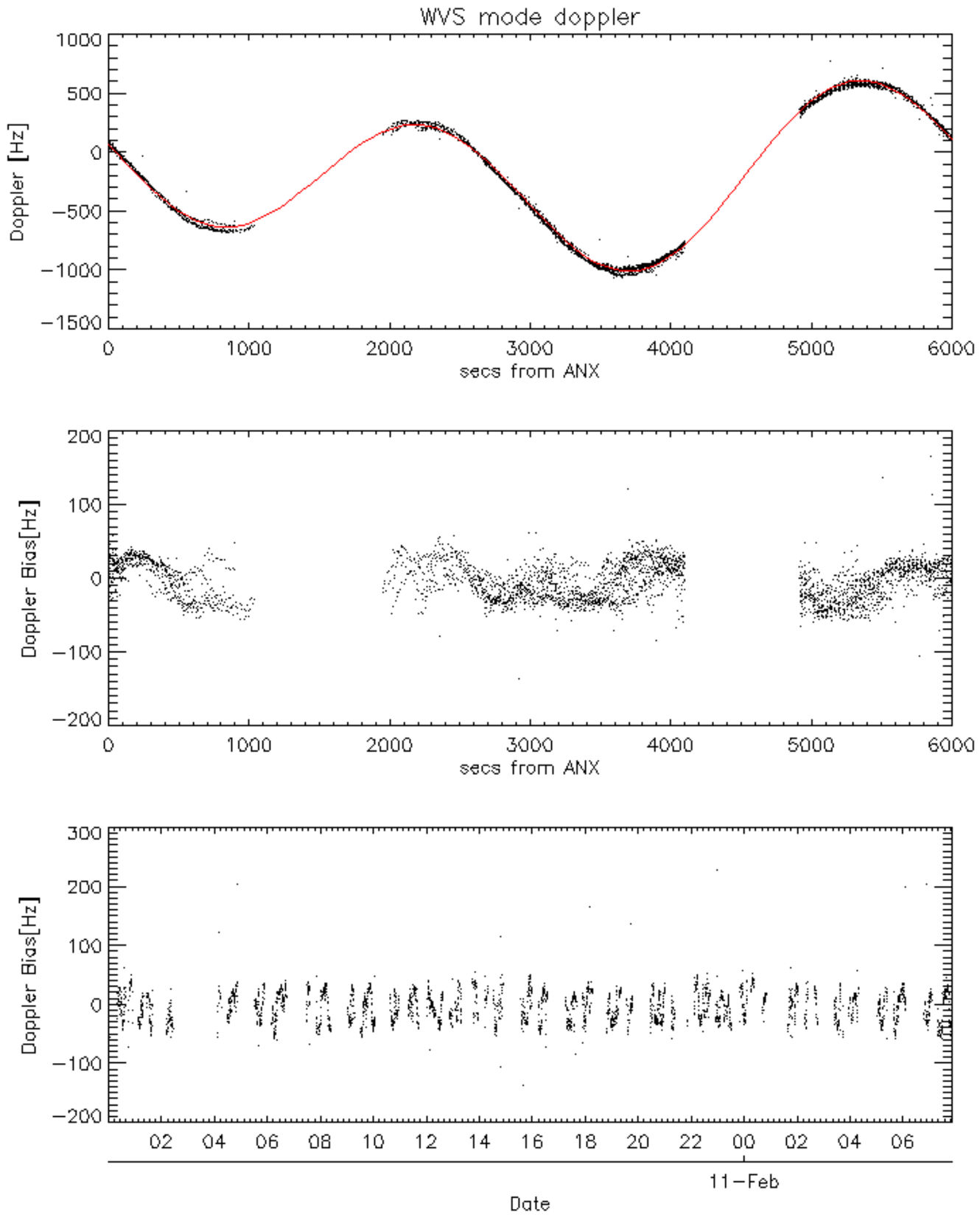

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

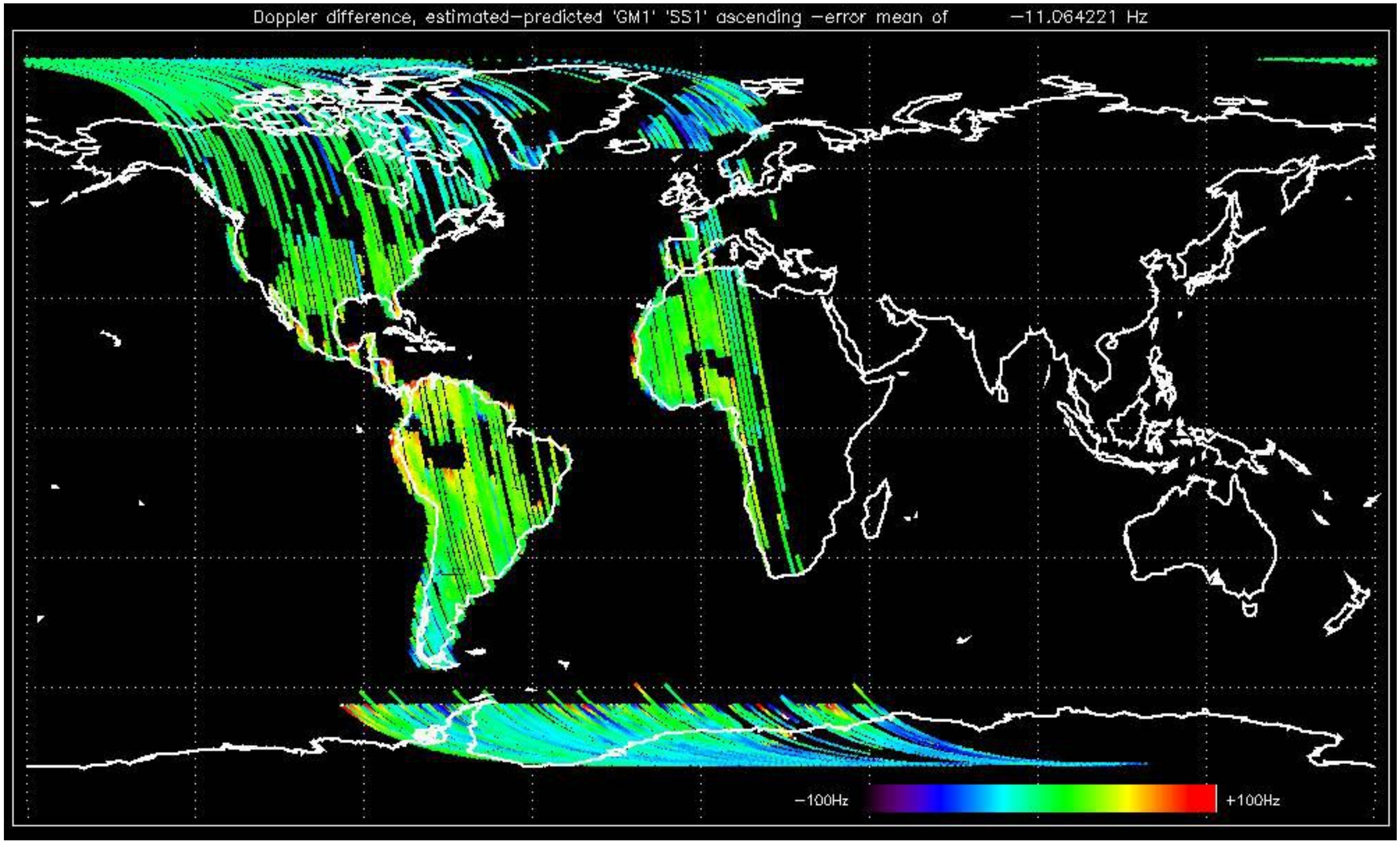

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

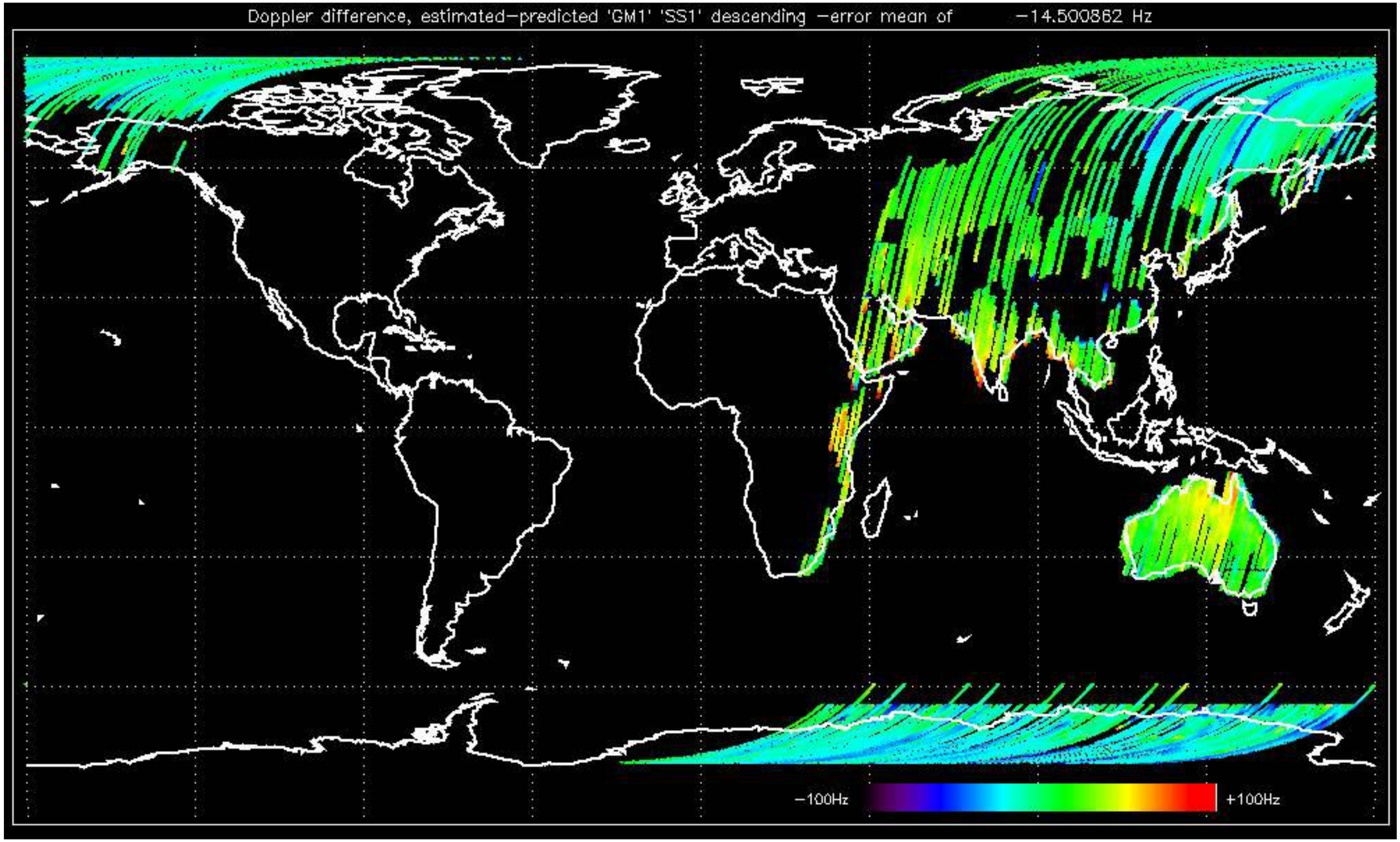

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

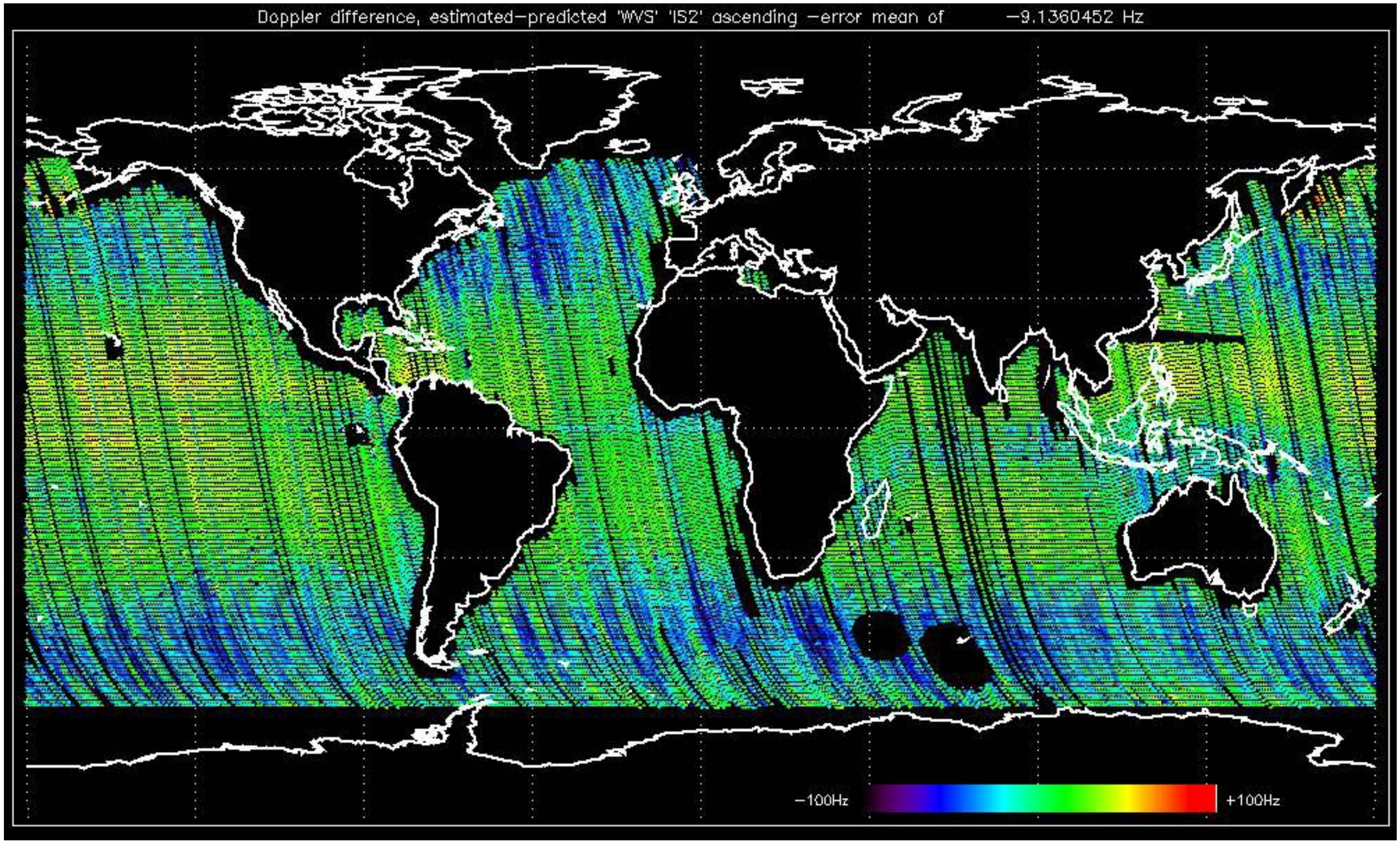

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

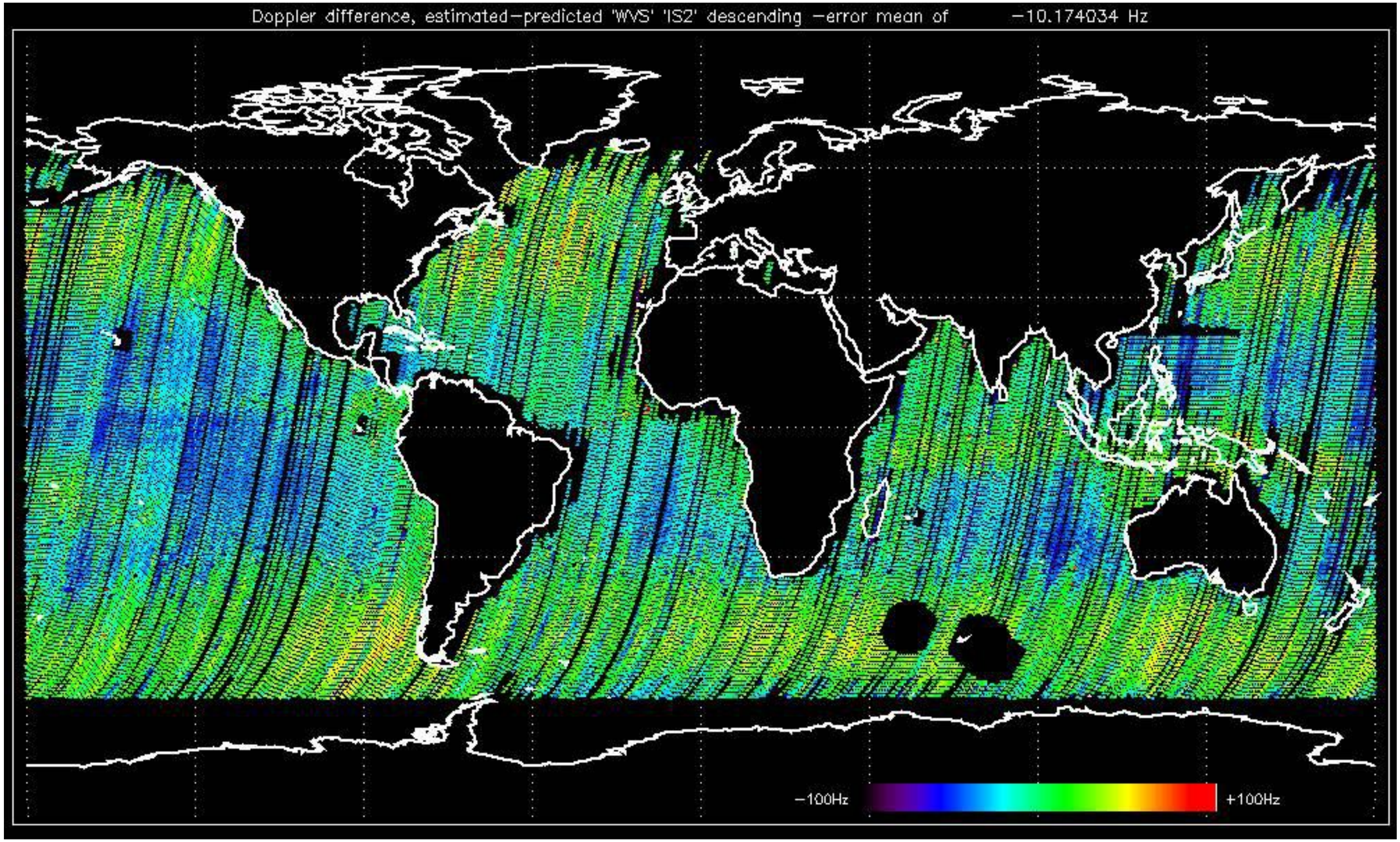

Doppler Bias[Hz]
100
50
0
−50
−100
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
11−Feb
Date


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
11−Feb
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −11.064221 Hz
−100Hz
+100Hz

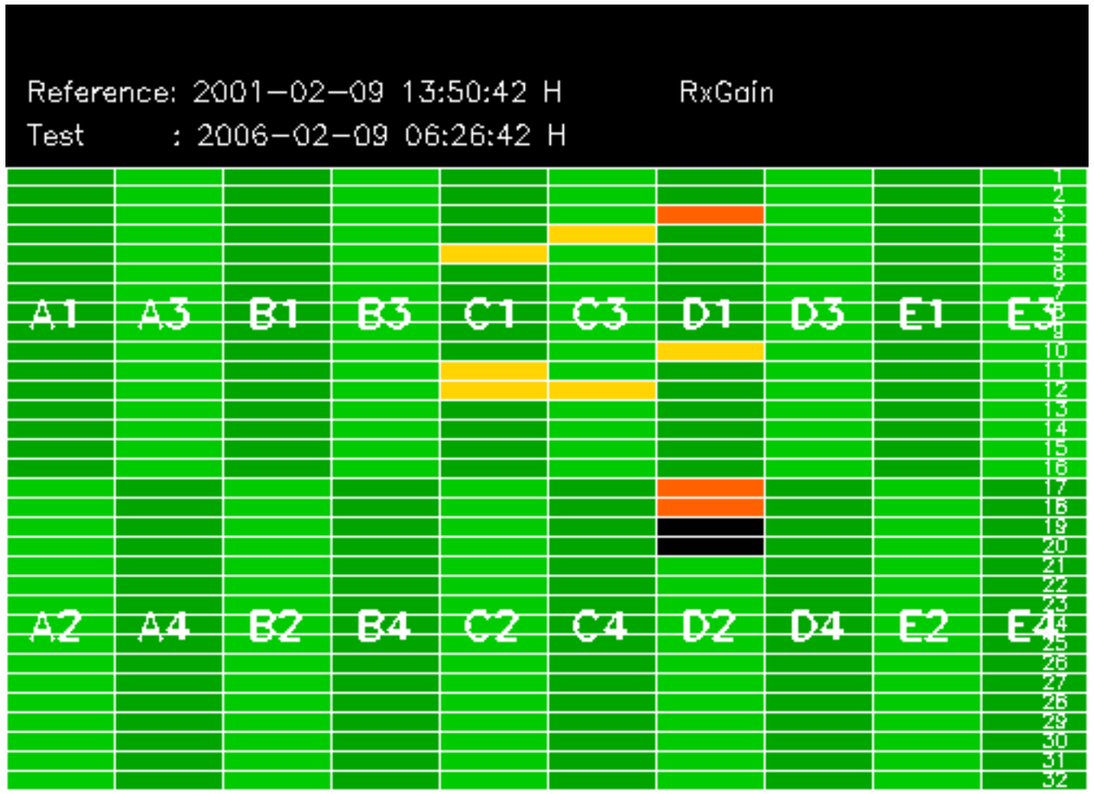

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −14.500862 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −9.1360452 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −10.174034 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-02-09 06:26:42 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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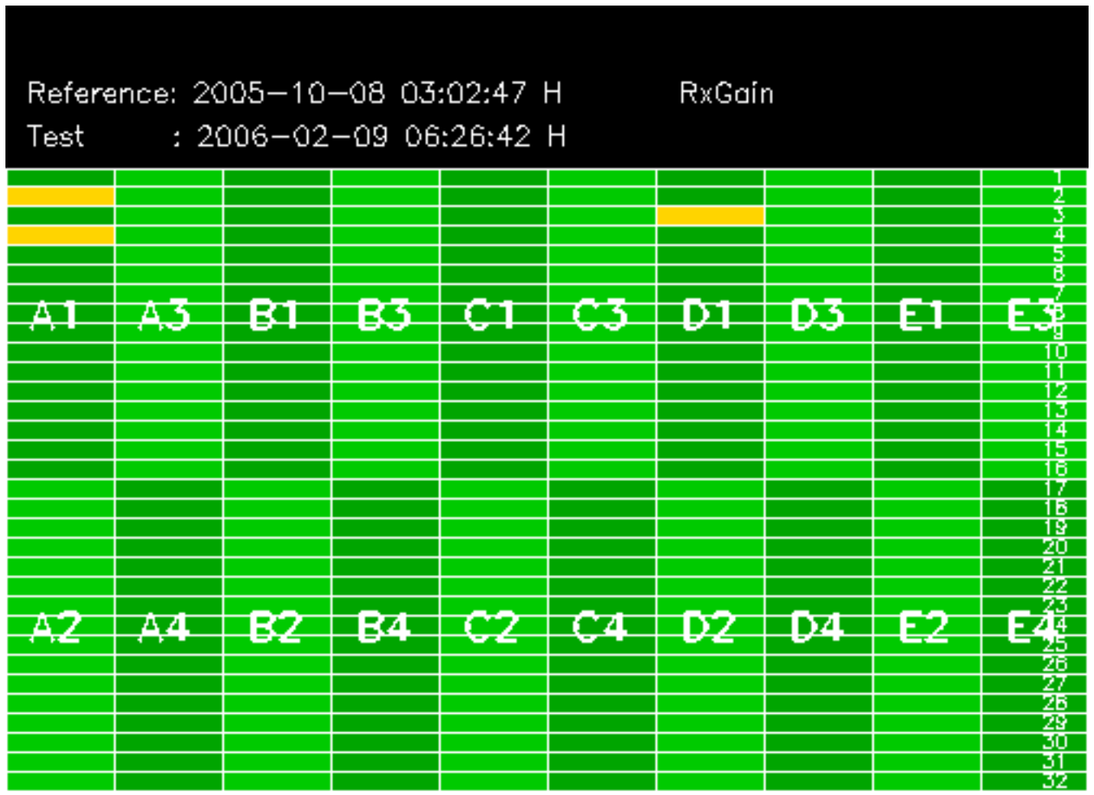
Reference: 2005-10-08 03:02:47 H
Test : 2006-02-09 06:26:42 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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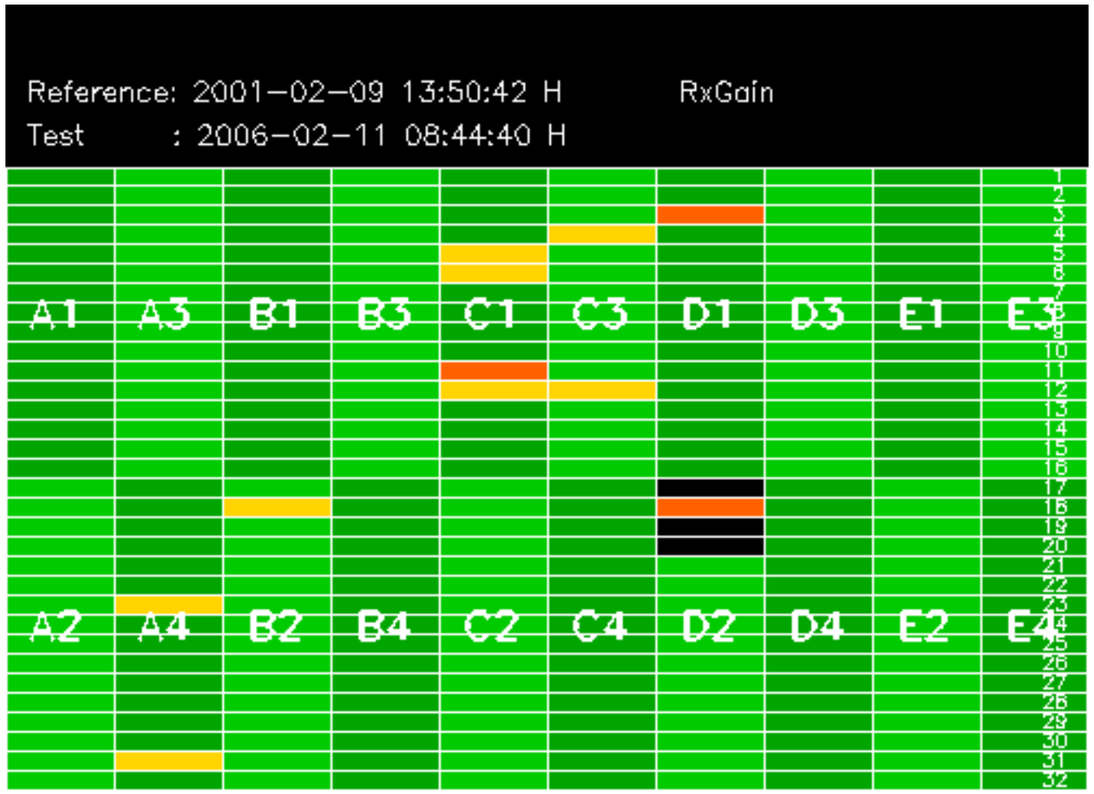
Reference: 2001-02-09 13:50:42 H
Test : 2006-02-11 08:44:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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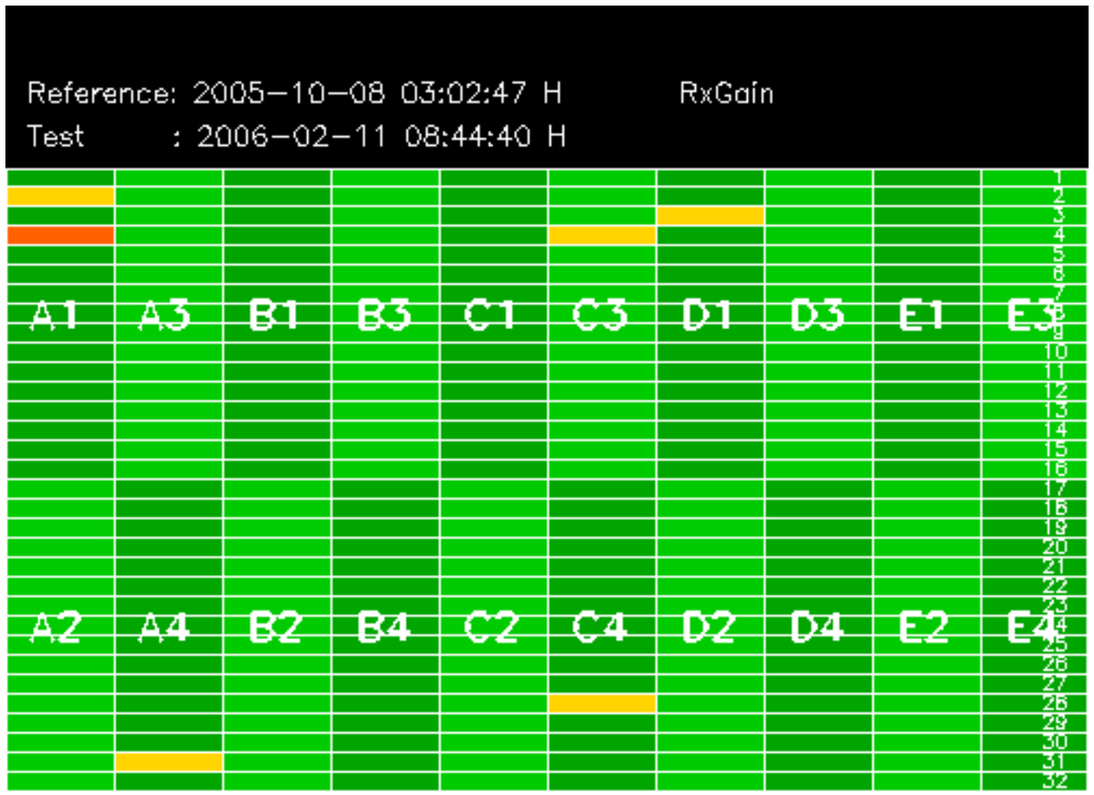
Reference: 2005-10-08 03:02:47 H
Test : 2006-02-11 08:44:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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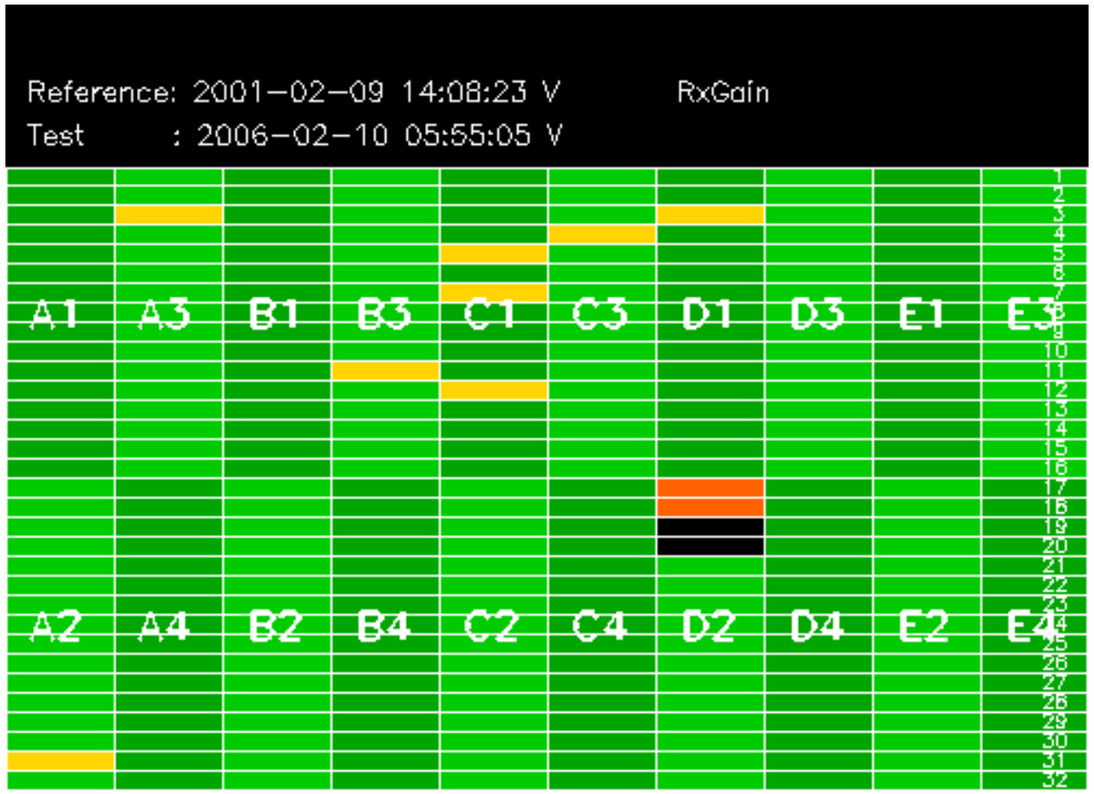
Reference: 2001-02-09 14:08:23 V
Test : 2006-02-10 05:55:05 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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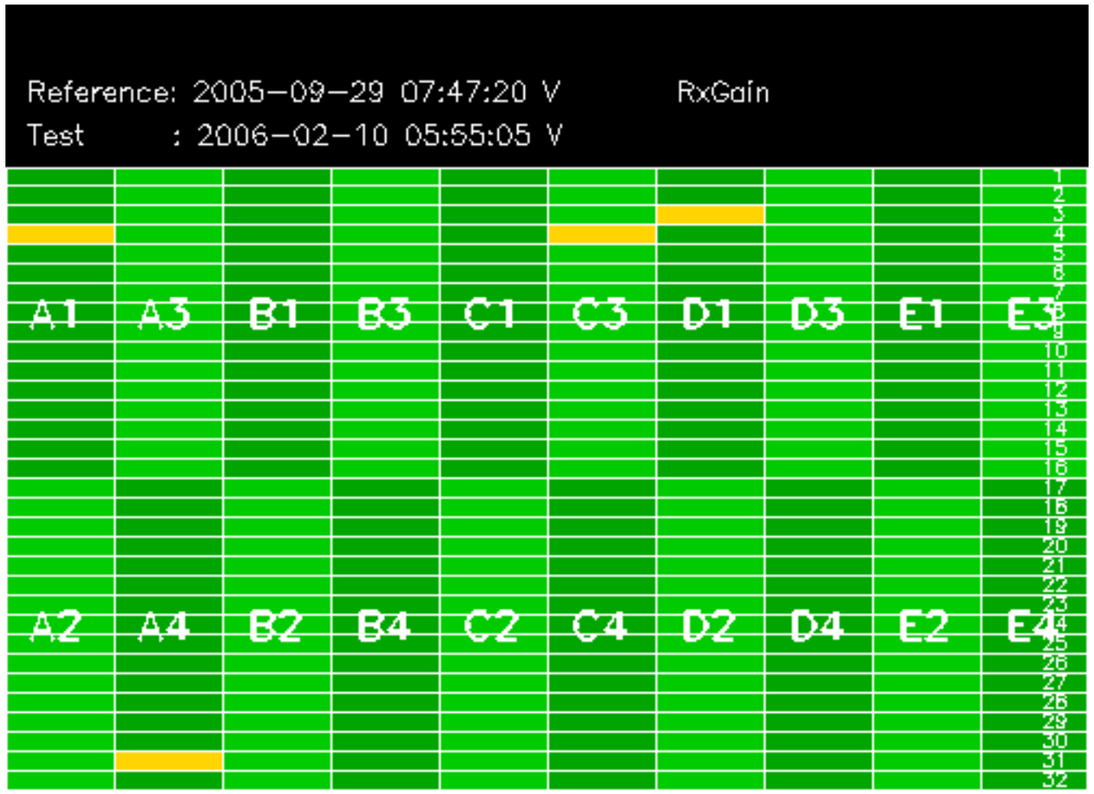
Reference: 2005-09-29 07:47:20 V
Test : 2006-02-10 05:55:05 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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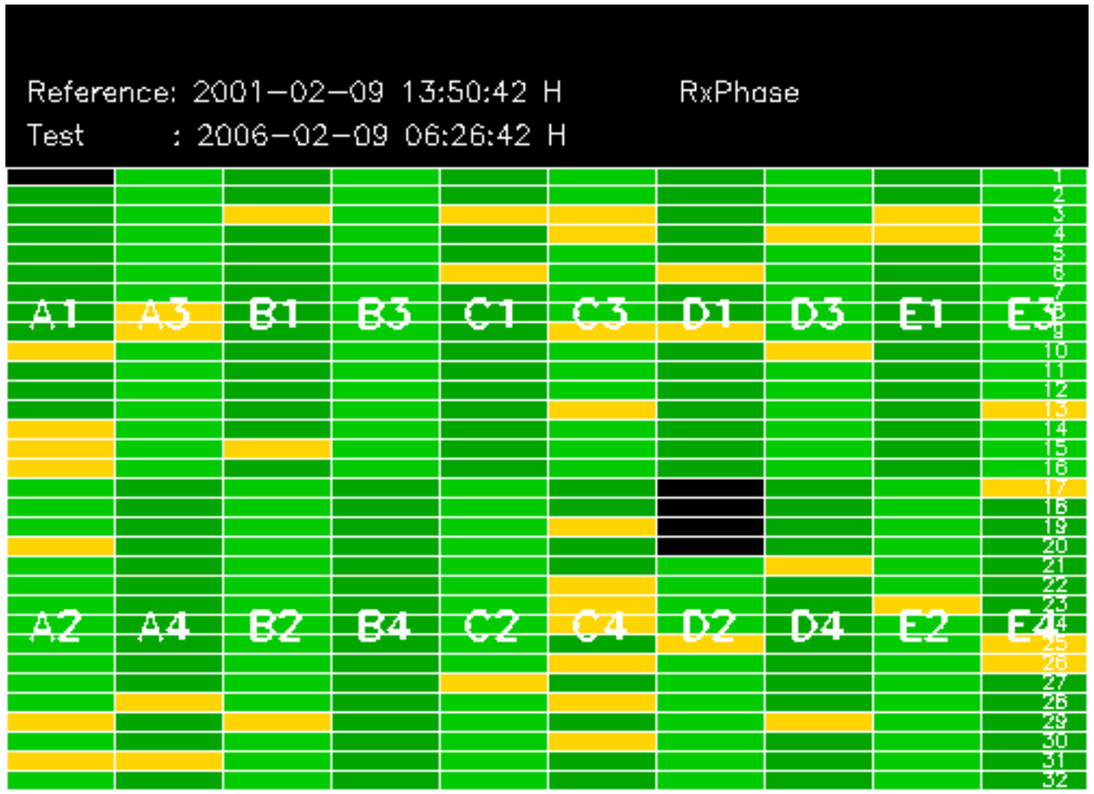
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-02-09 06:26:42 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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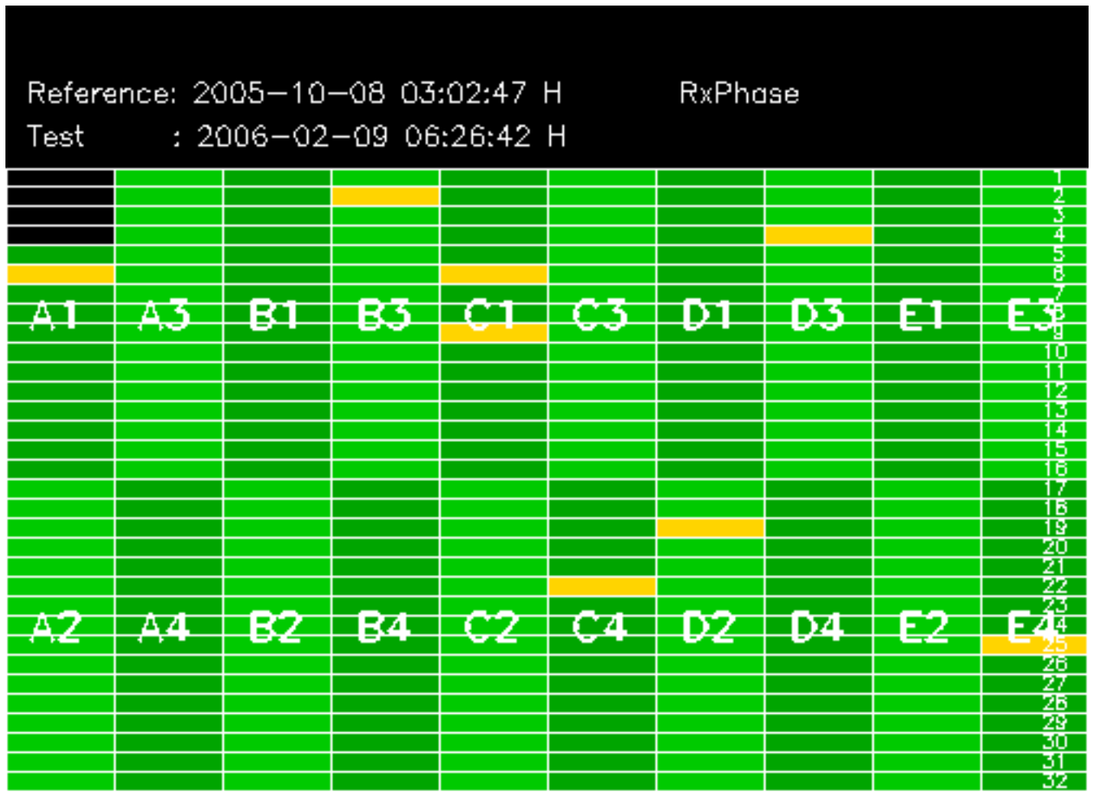
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-02-09 06:26:42 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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E4
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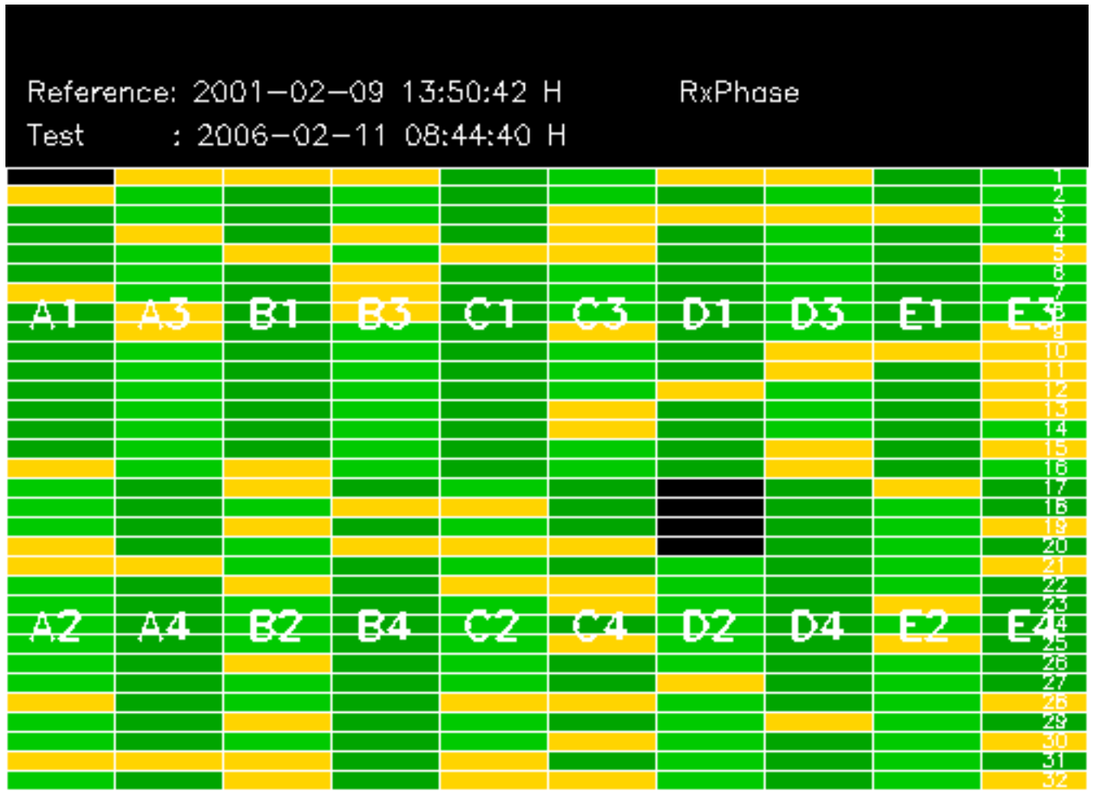
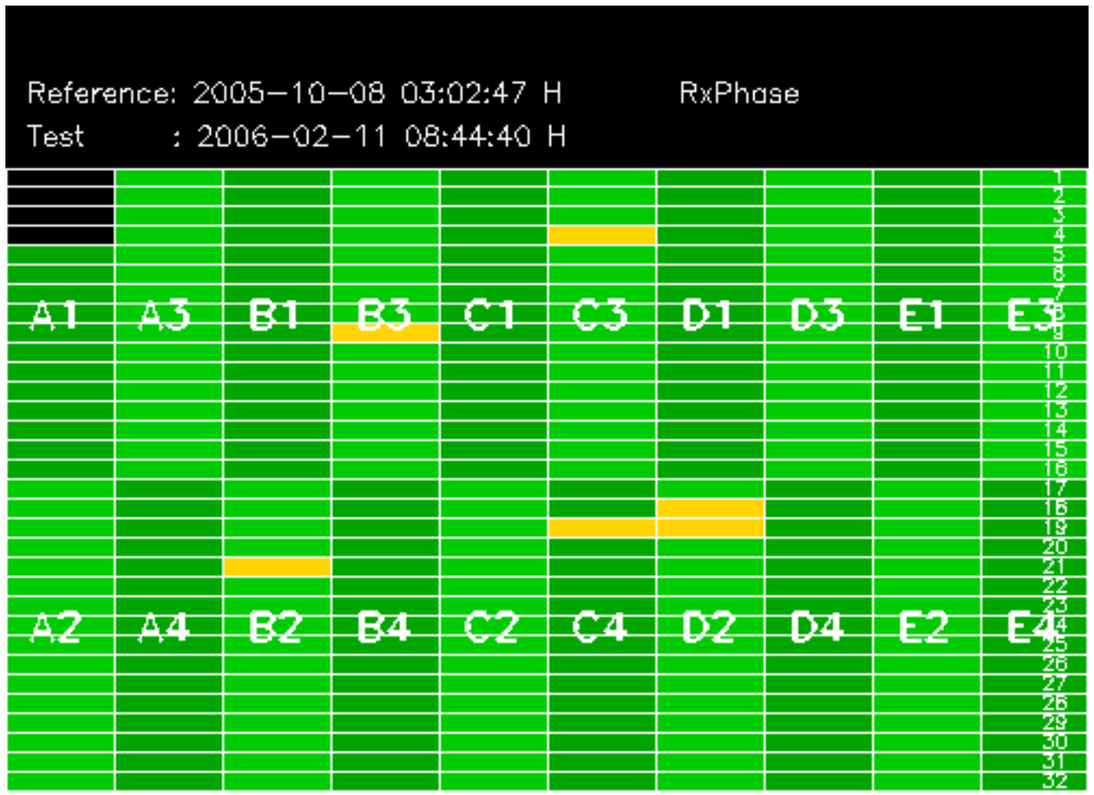

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-02-11 08:44:40 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-02-11 08:44:40 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
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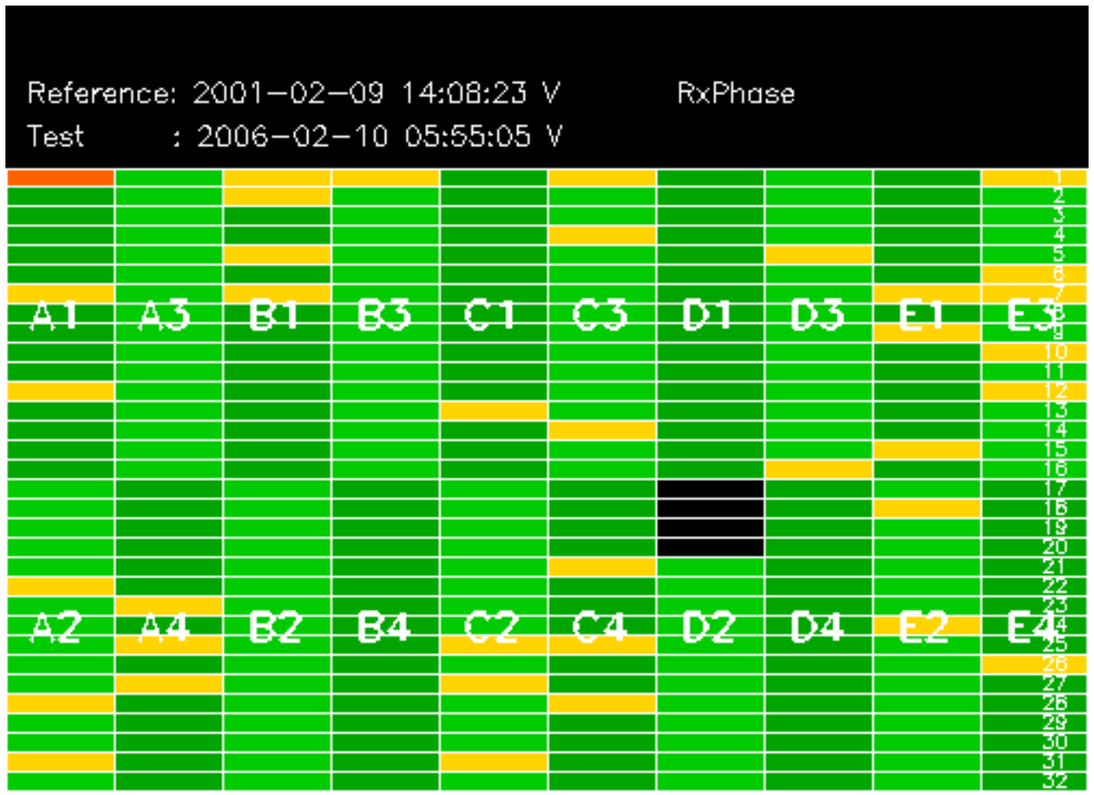
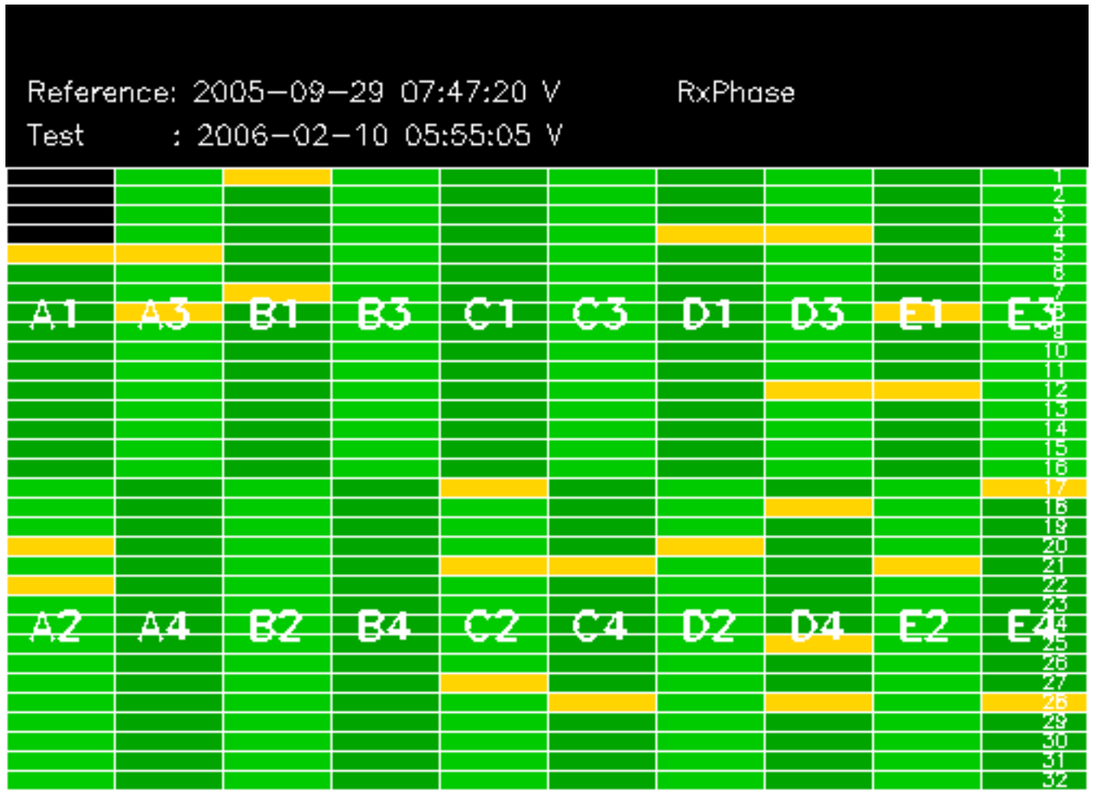

Reference: 2001-02-09 14:08:23 V
RxPhase
Test : 2006-02-10 05:55:05 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-02-10 05:55:05 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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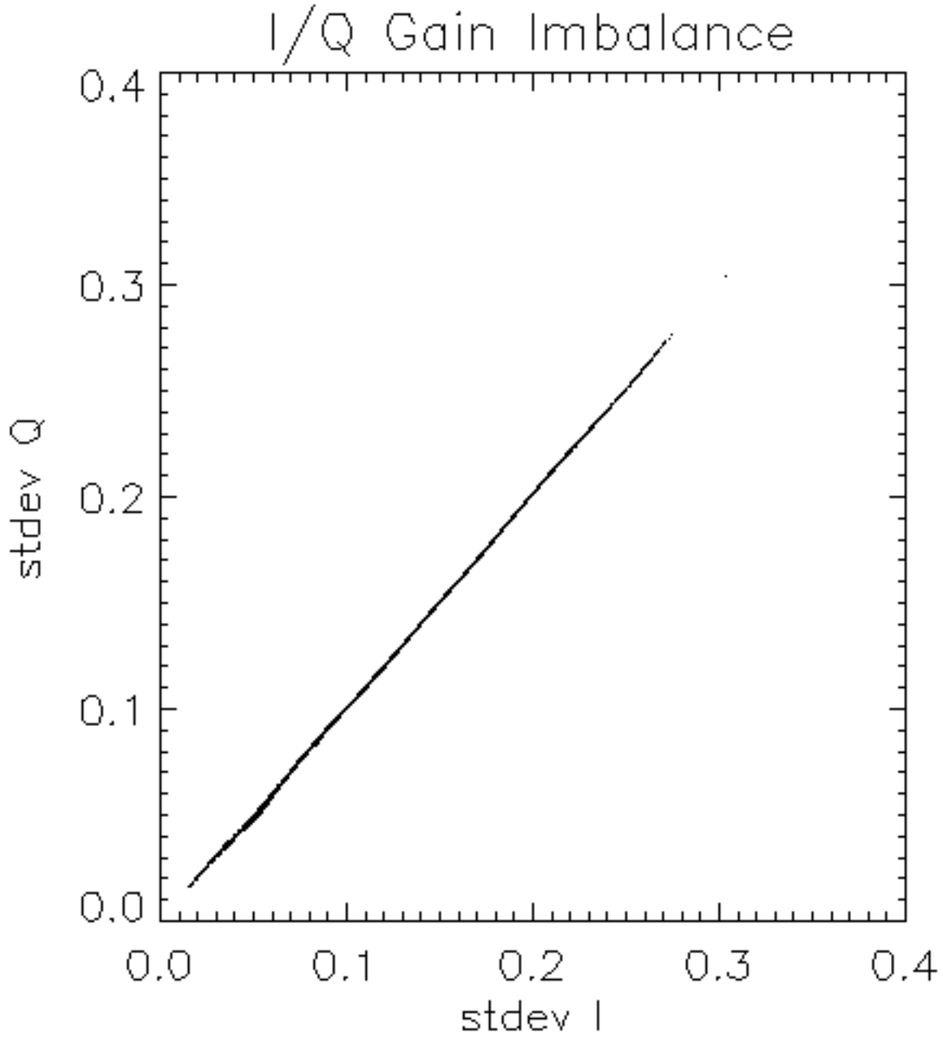
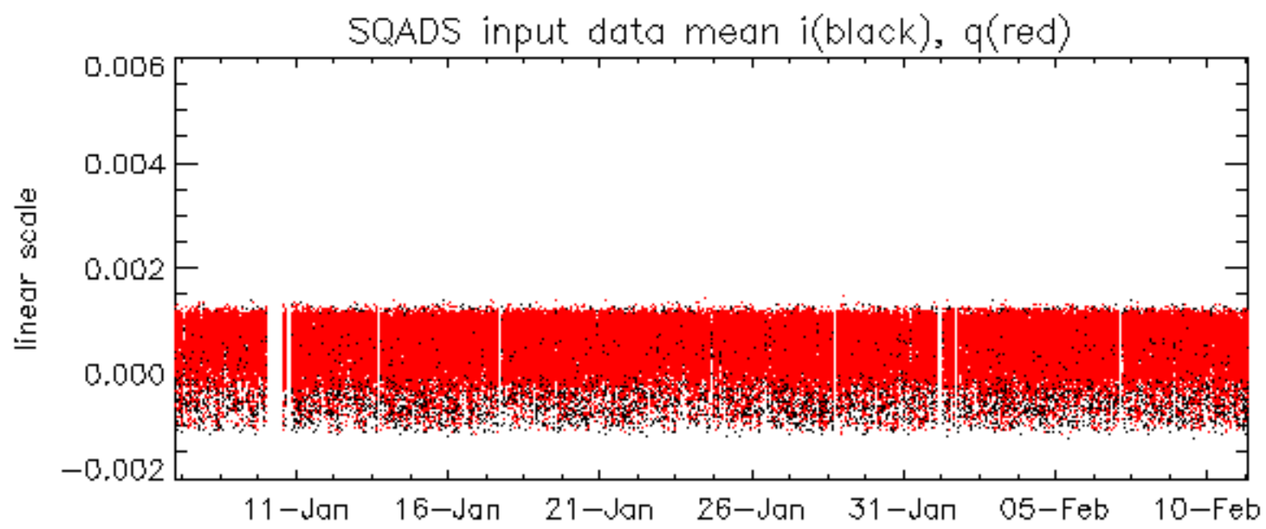
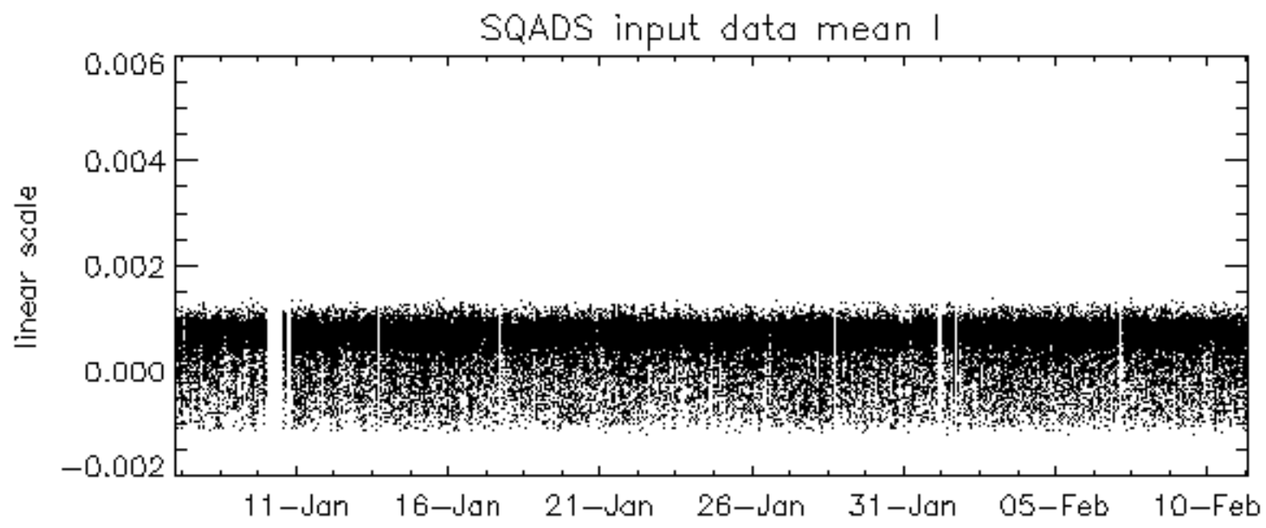
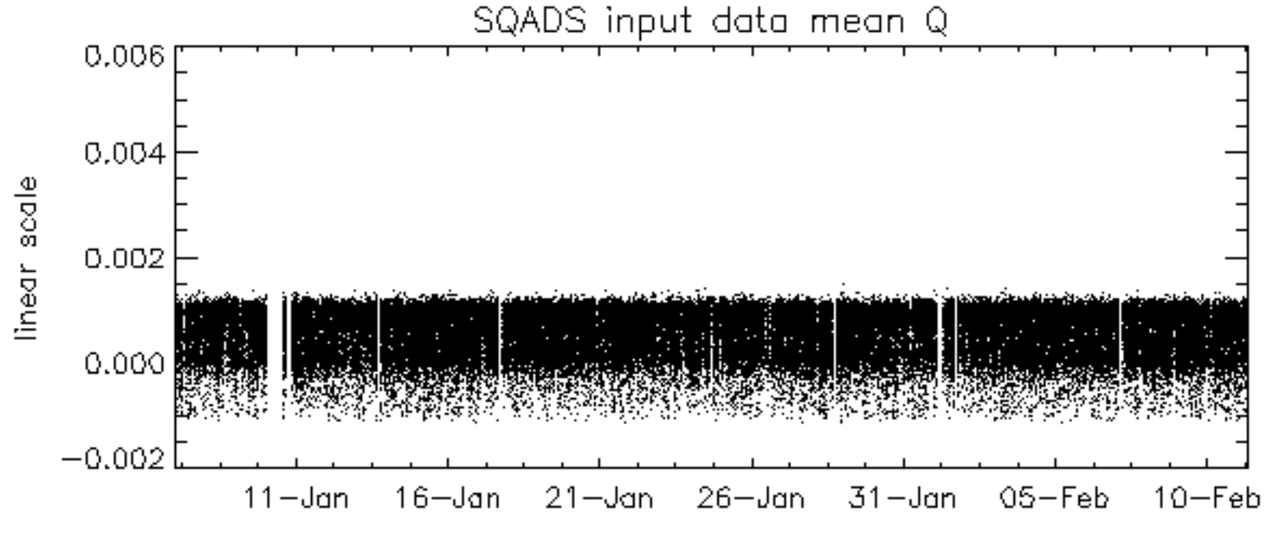
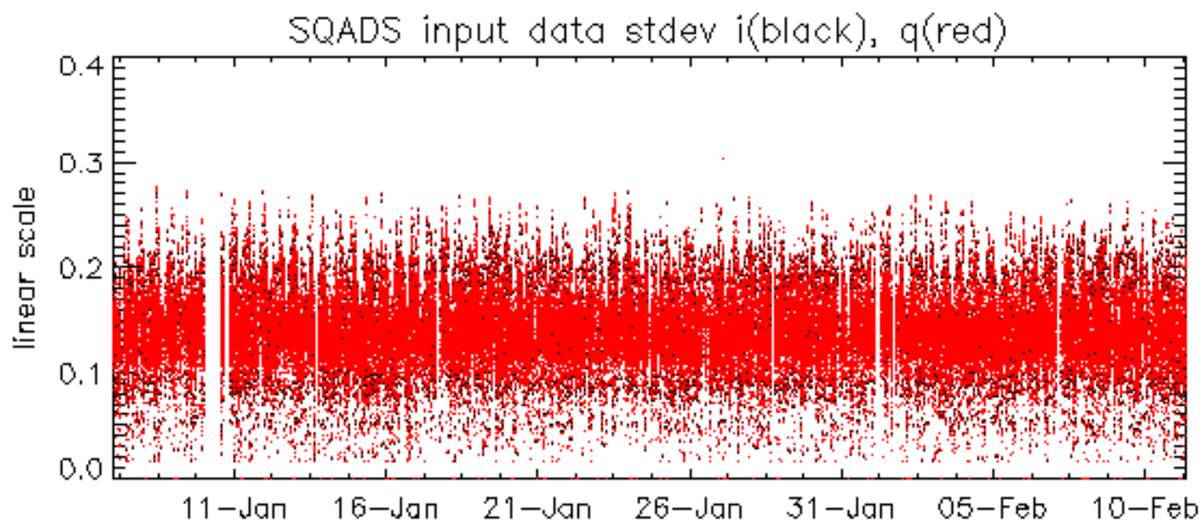
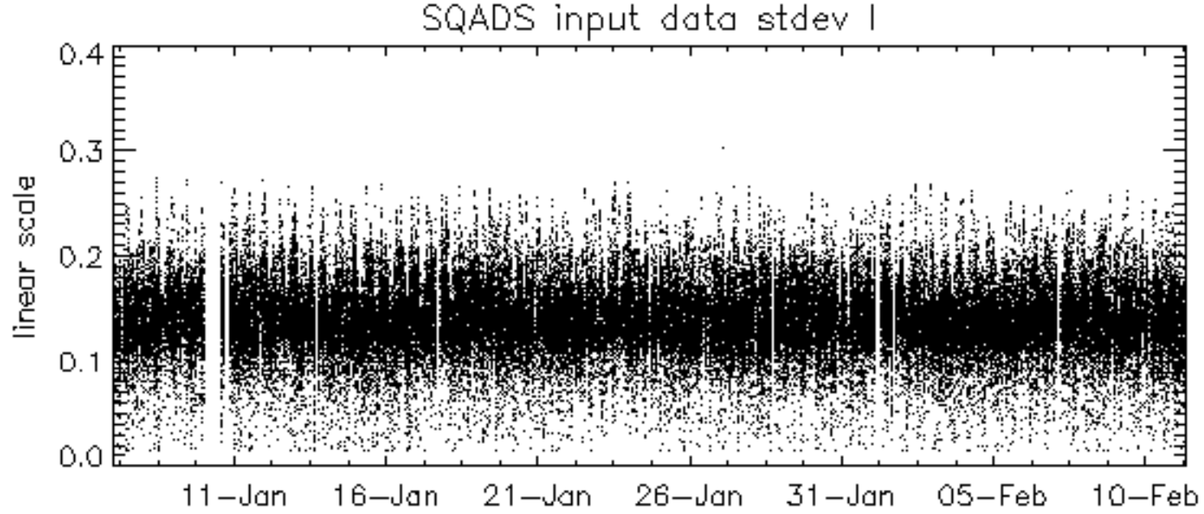

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

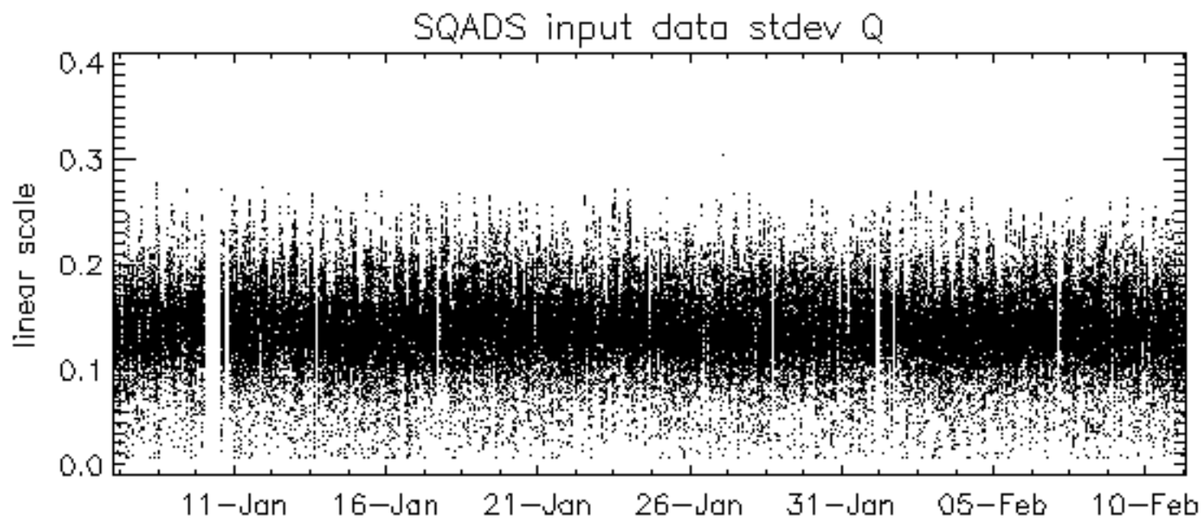

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb

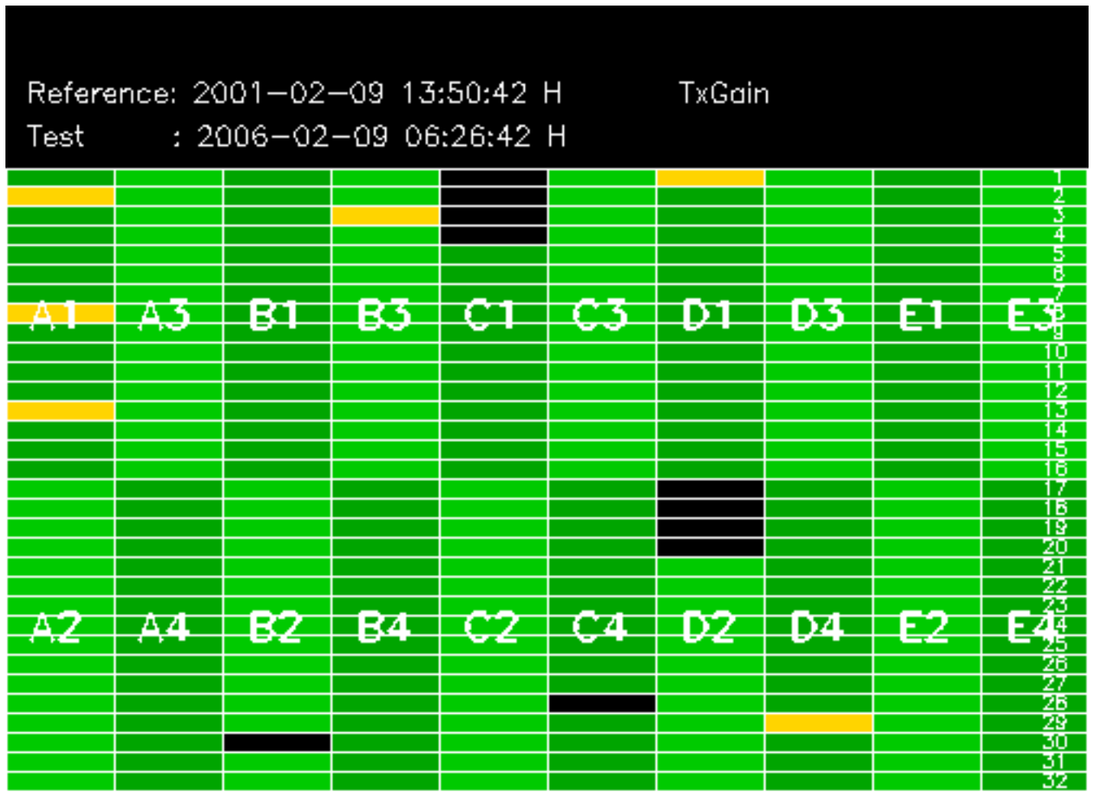

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb

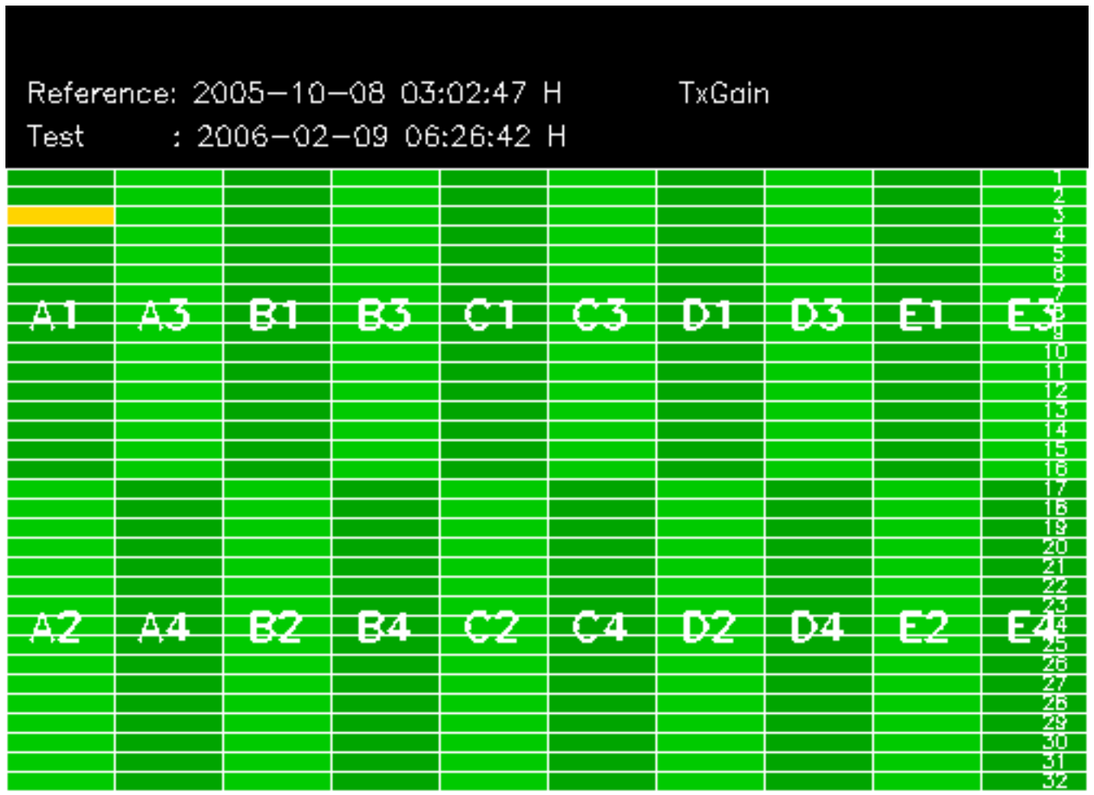

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb


SQADS input data stdev i(black), q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
11−Jan
16−Jan
21−Jan
26−Jan
31−Jan
05−Feb
10−Feb


Reference: 2001-02-09 13:50:42 H
Test : 2006-02-09 06:26:42 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 : 2006-02-09 06:26:42 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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B4
C2
C4
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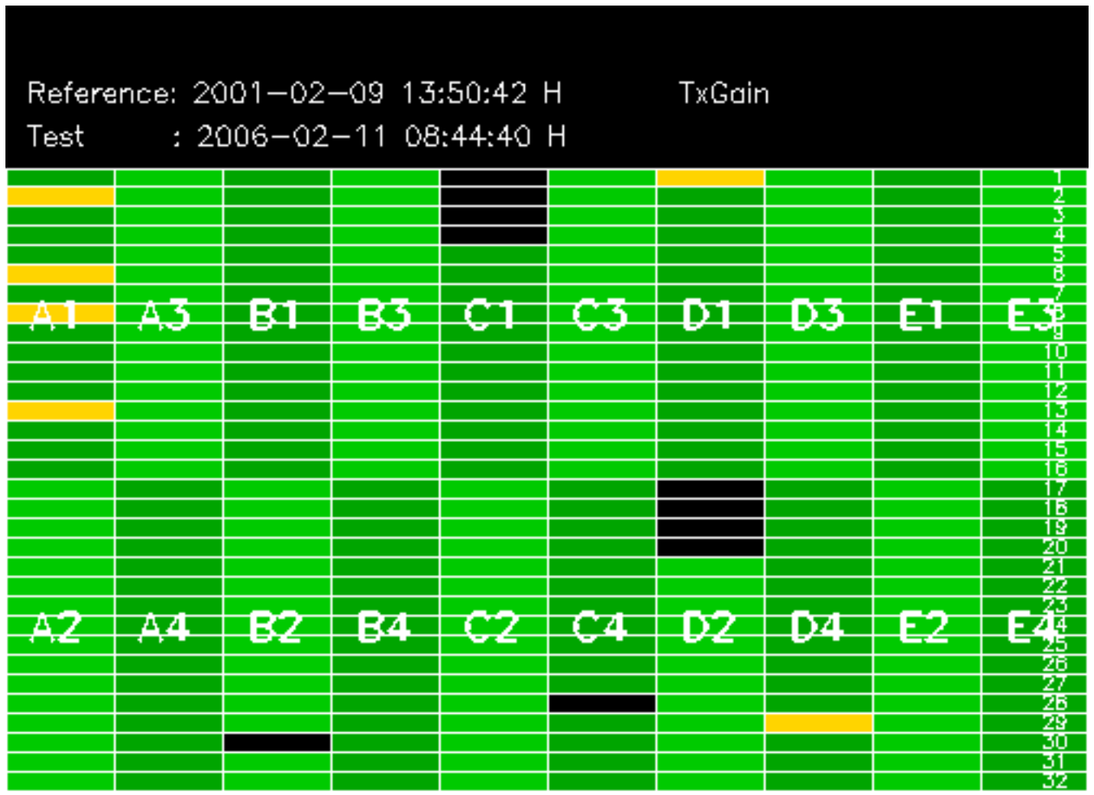
Reference: 2001-02-09 13:50:42 H
Test : 2006-02-11 08:44:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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B4
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C4
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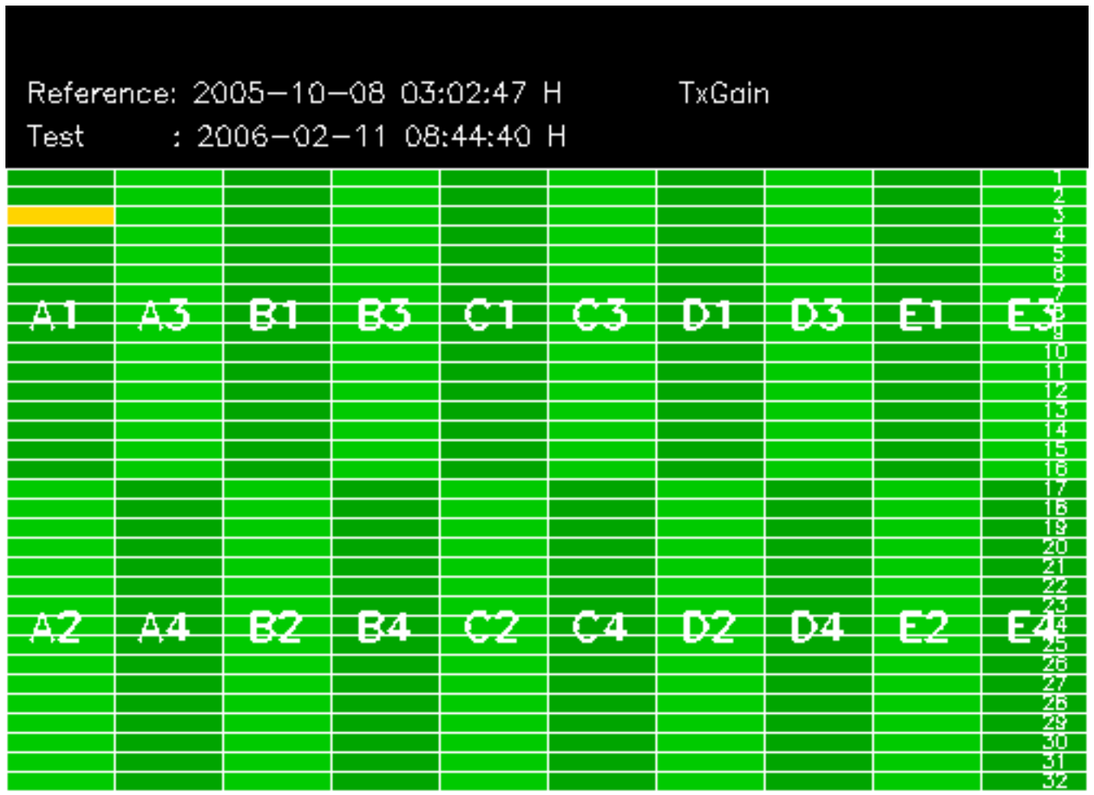
Reference: 2005-10-08 03:02:47 H
Test : 2006-02-11 08:44:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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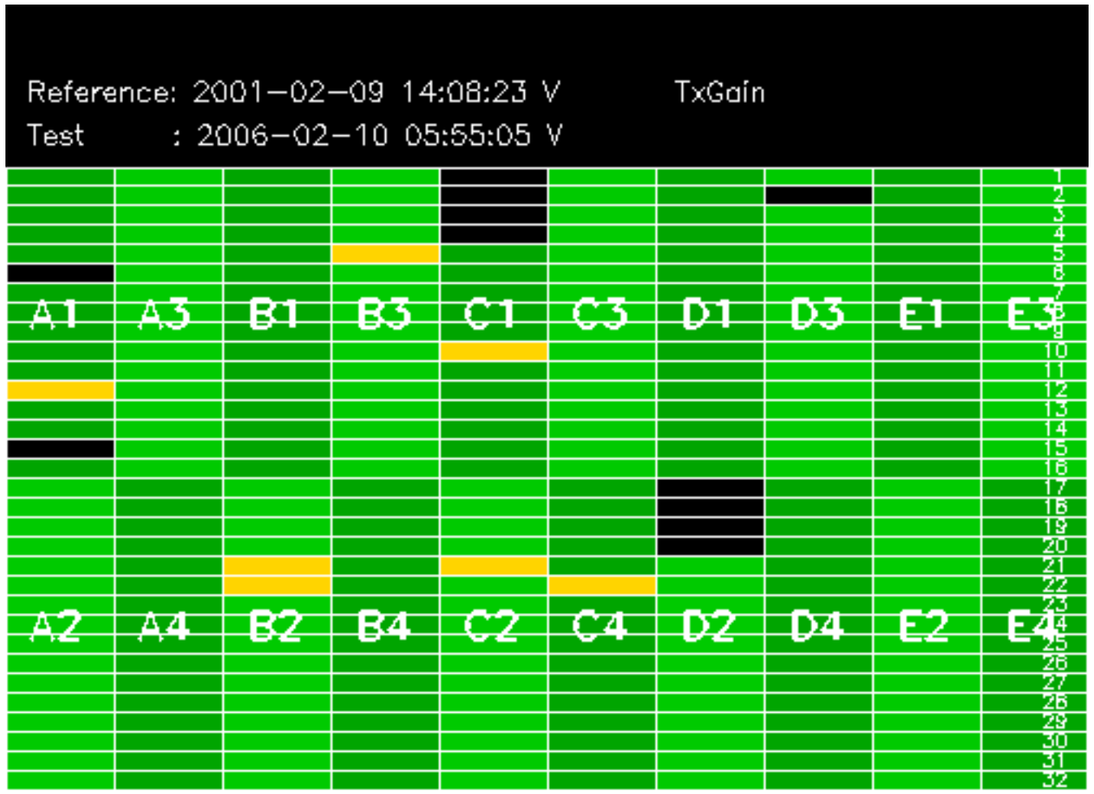
Reference: 2001-02-09 14:08:23 V
Test : 2006-02-10 05:55:05 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
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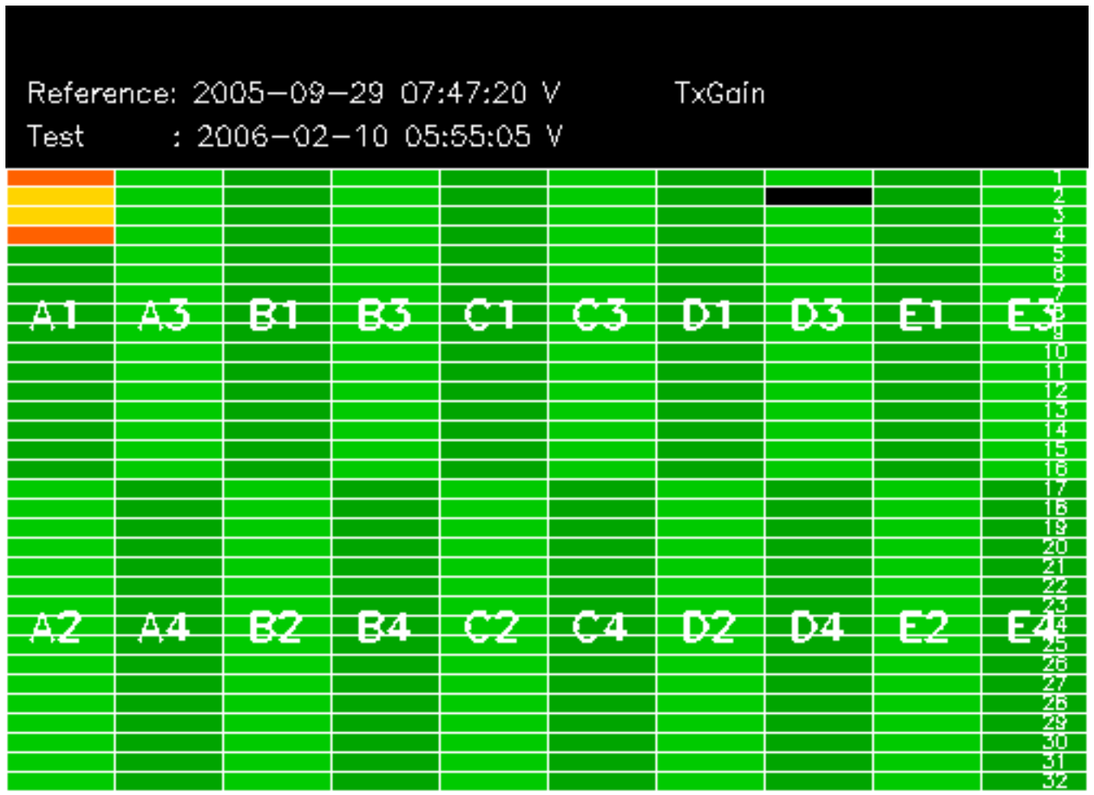
Reference: 2005-09-29 07:47:20 V
Test : 2006-02-10 05:55:05 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
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B4
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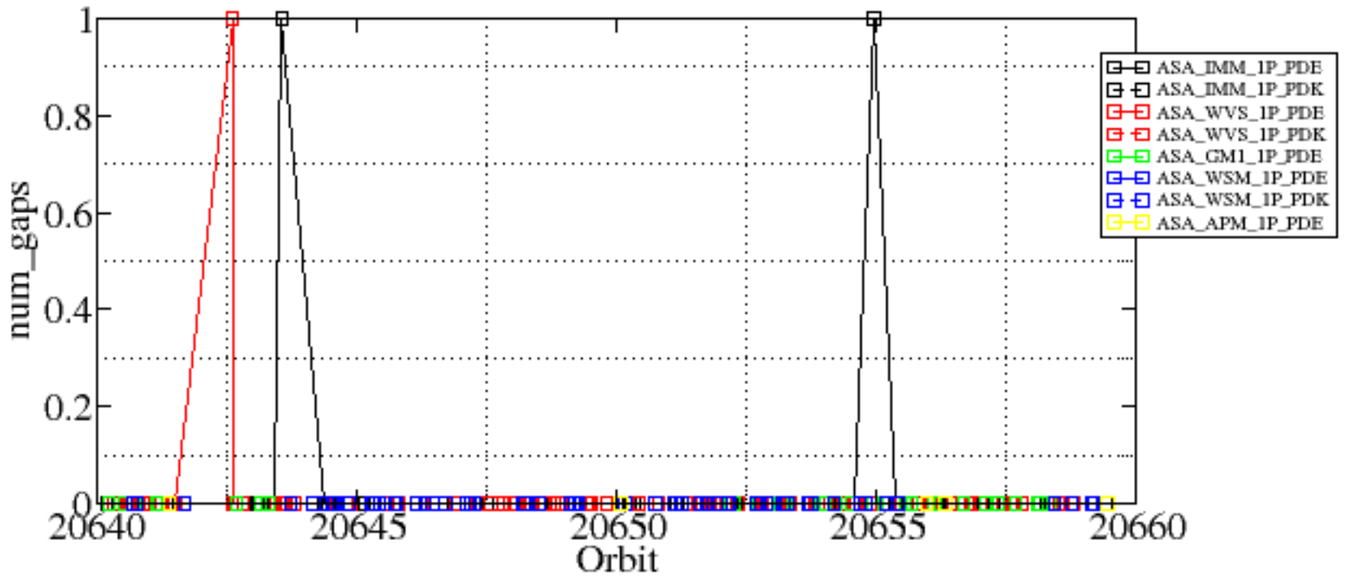
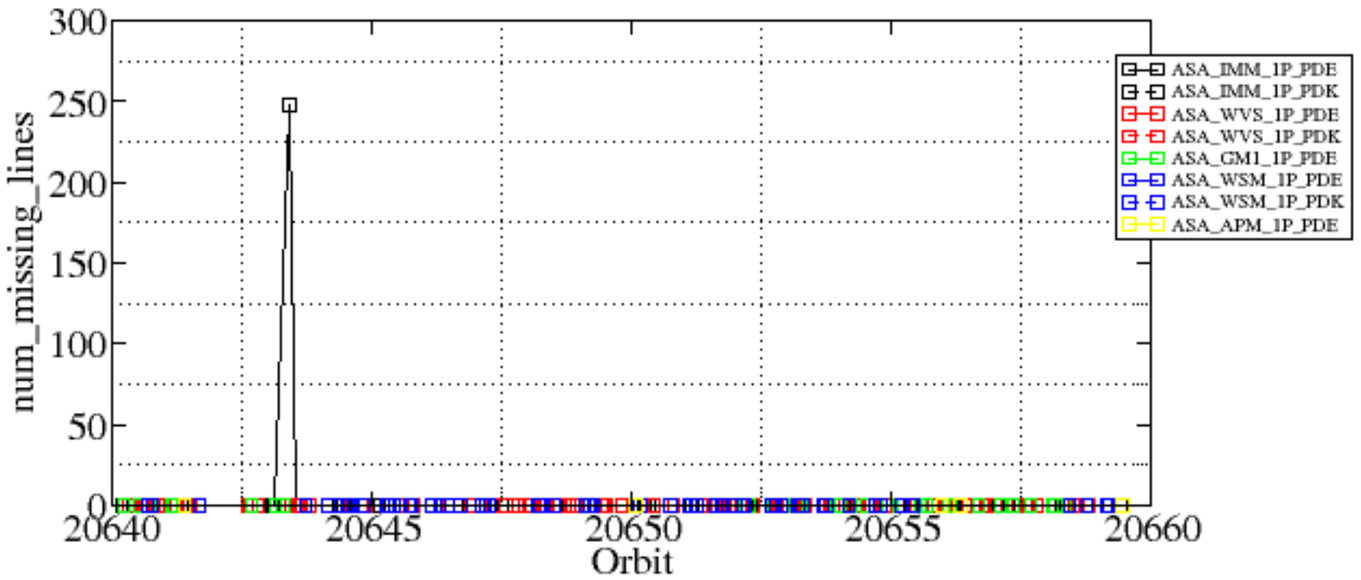
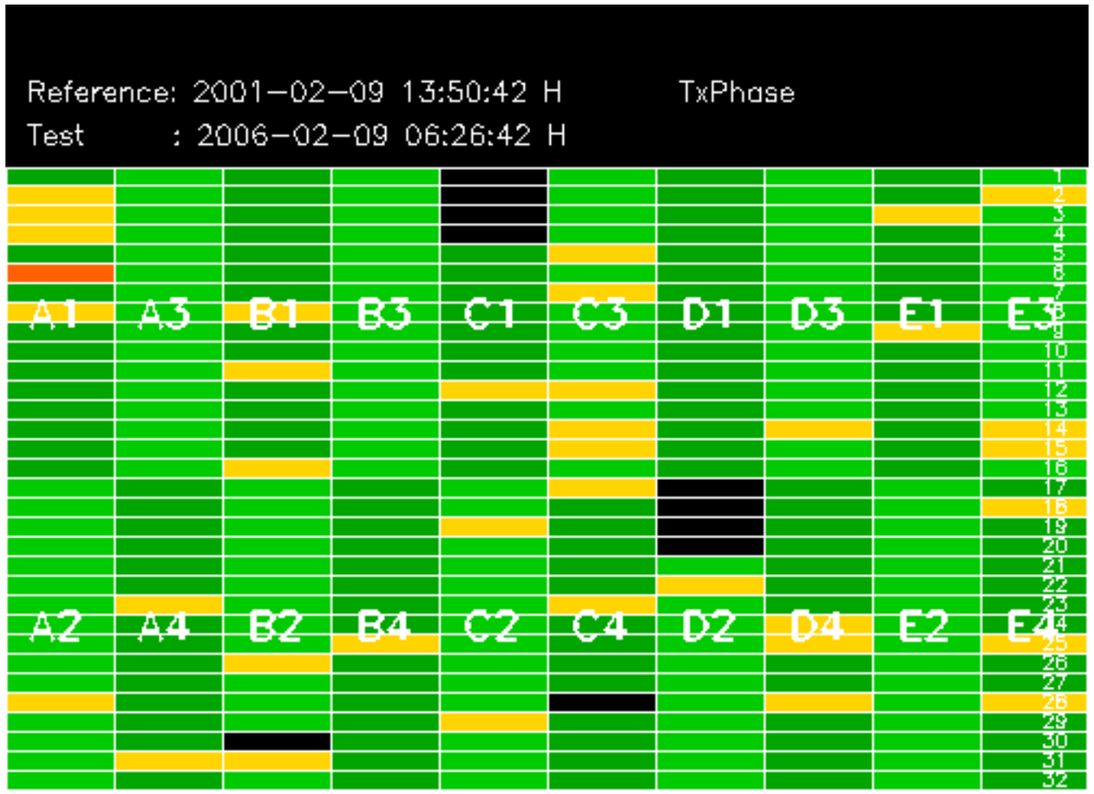
Summary of analysis for the last 3 days 2006021[901]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060210_052944_000000042045_00048_20643_2658.N1 </td> <td>0 </td> <td>248 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20060210_054350_000000352045_00048_20643_2602.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20060211_005021_000002372045_00059_20654_2678.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WVS_1PNPDE20060210_040752_000000002045_00047_20642_0876.N1 </td> <td>1 </td> <td>0 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
20640
20645
20650
20655
20660
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


num_missing_lines
300
250
200
150
100
50
0
20640
20645
20650
20655
20660
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


Reference: 2001-02-09 13:50:42 H
Test : 2006-02-09 06:26:42 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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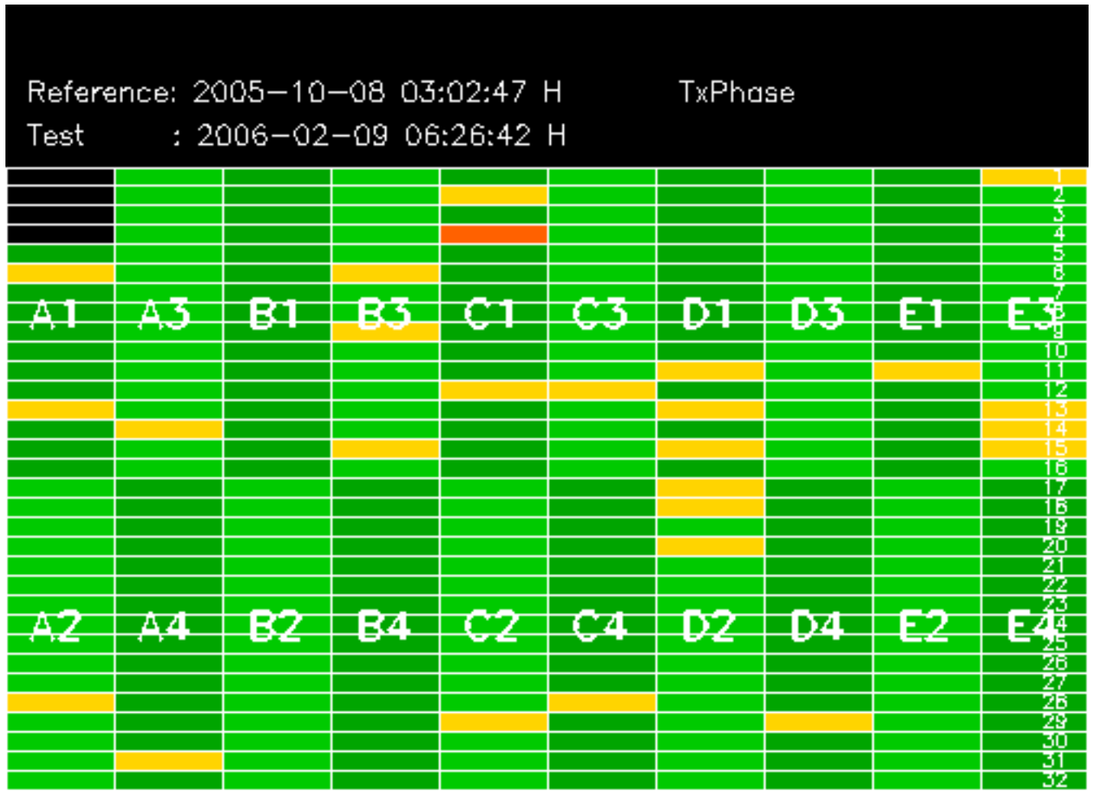
Reference: 2005-10-08 03:02:47 H
Test : 2006-02-09 06:26:42 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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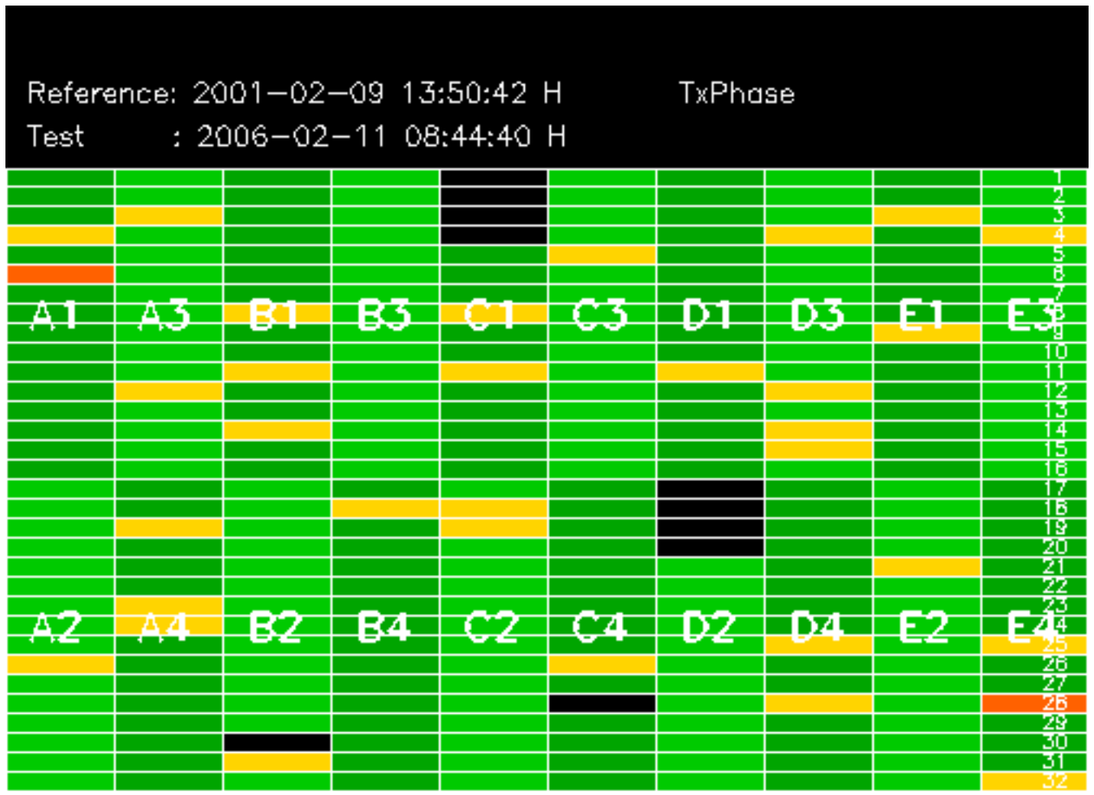
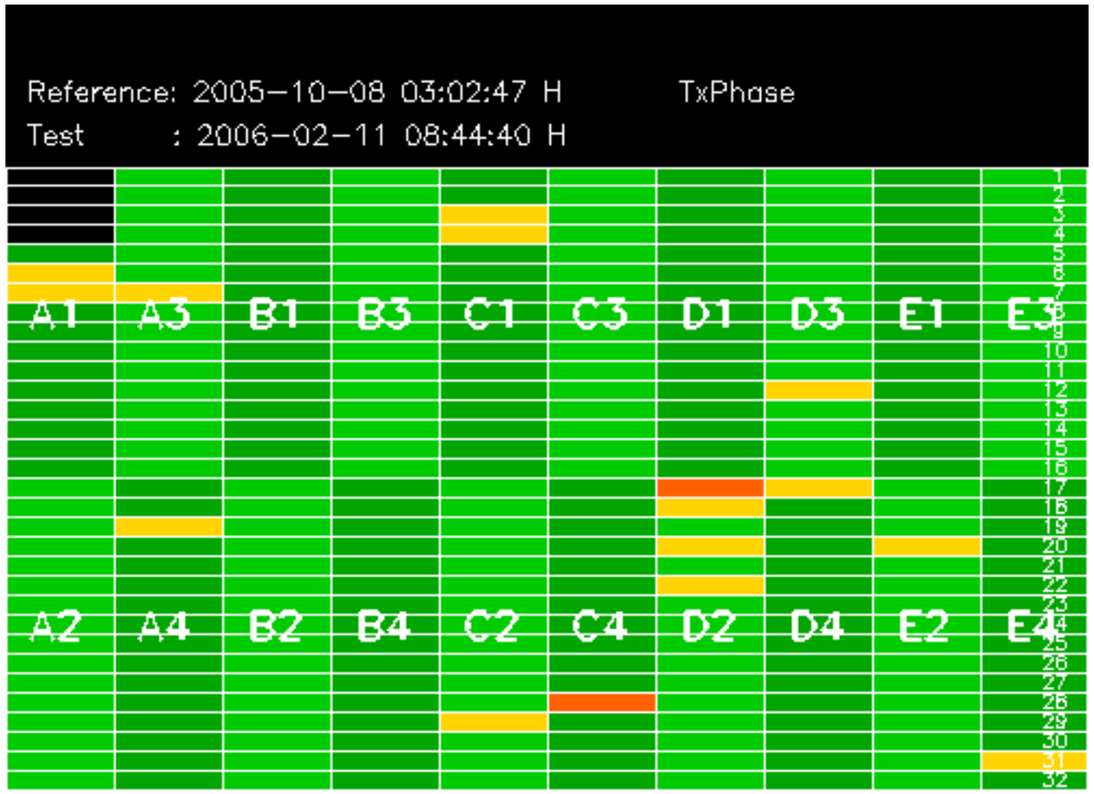

Reference: 2001-02-09 13:50:42 H
Test : 2006-02-11 08:44:40 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-02-11 08:44:40 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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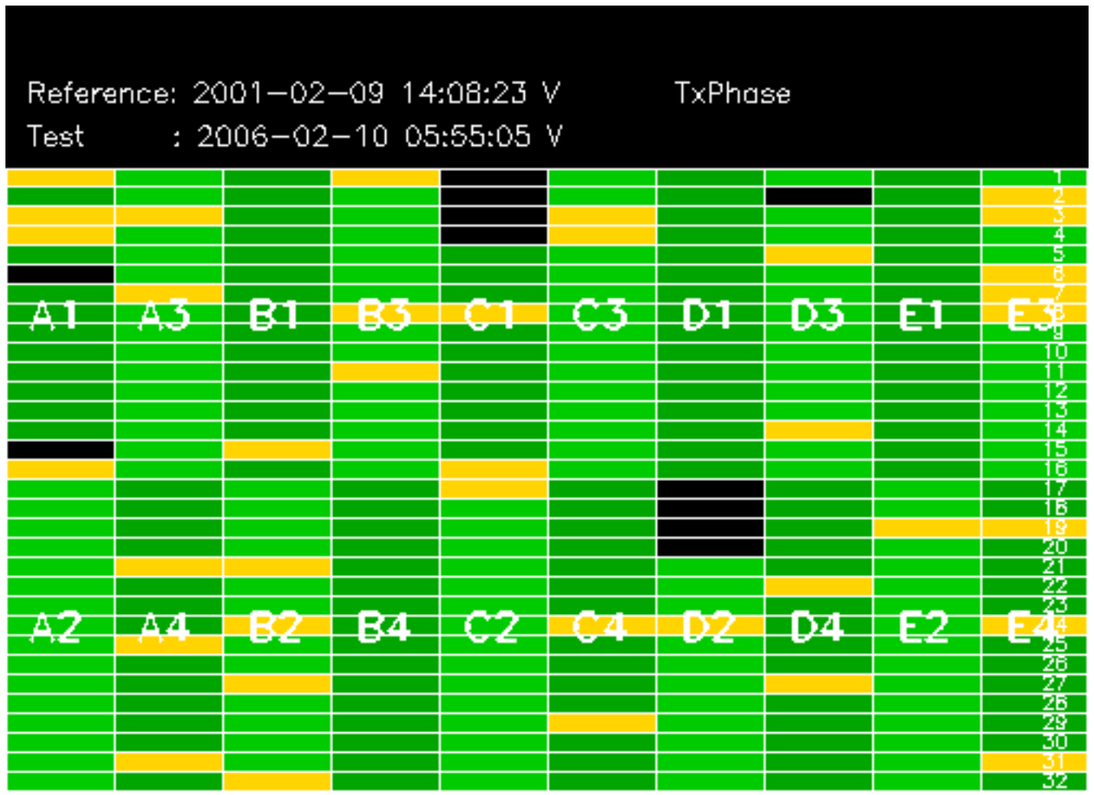
Reference: 2001-02-09 14:08:23 V
Test : 2006-02-10 05:55:05 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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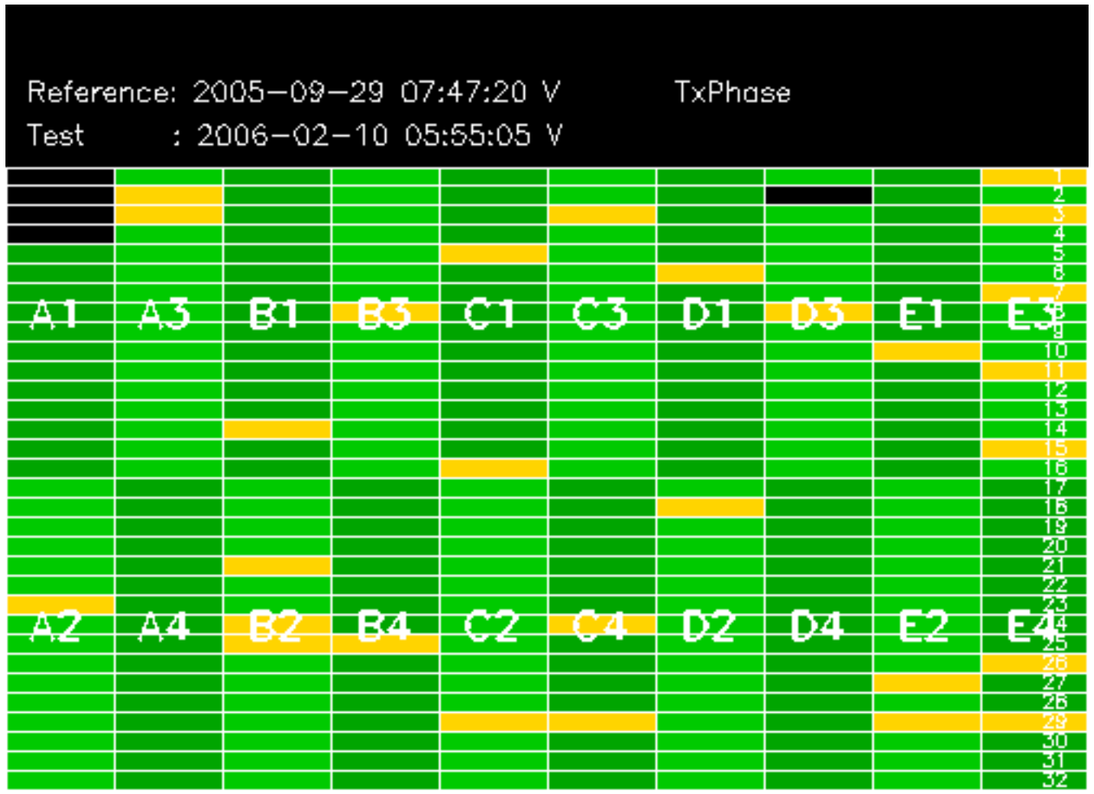
Reference: 2005-09-29 07:47:20 V
Test : 2006-02-10 05:55:05 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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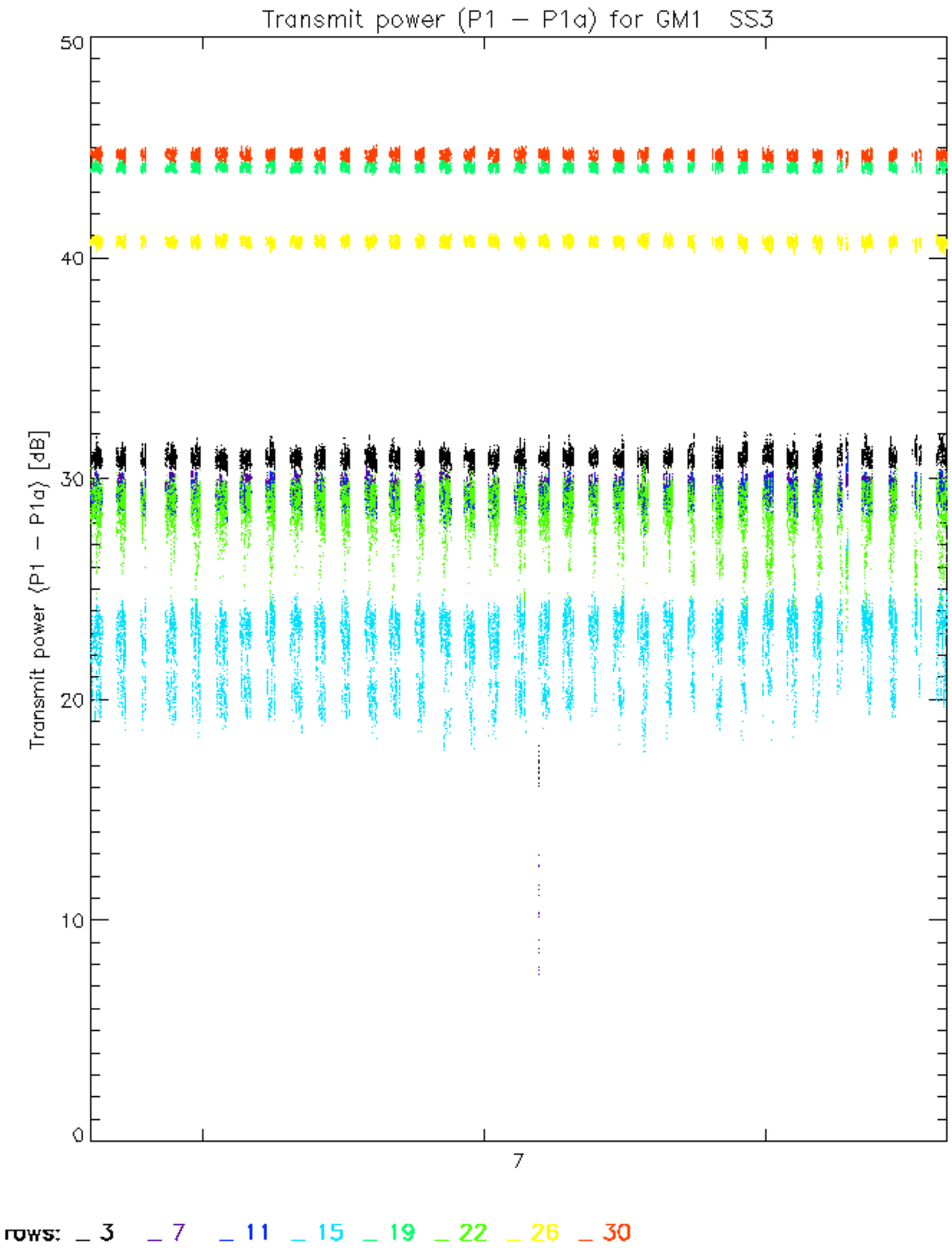
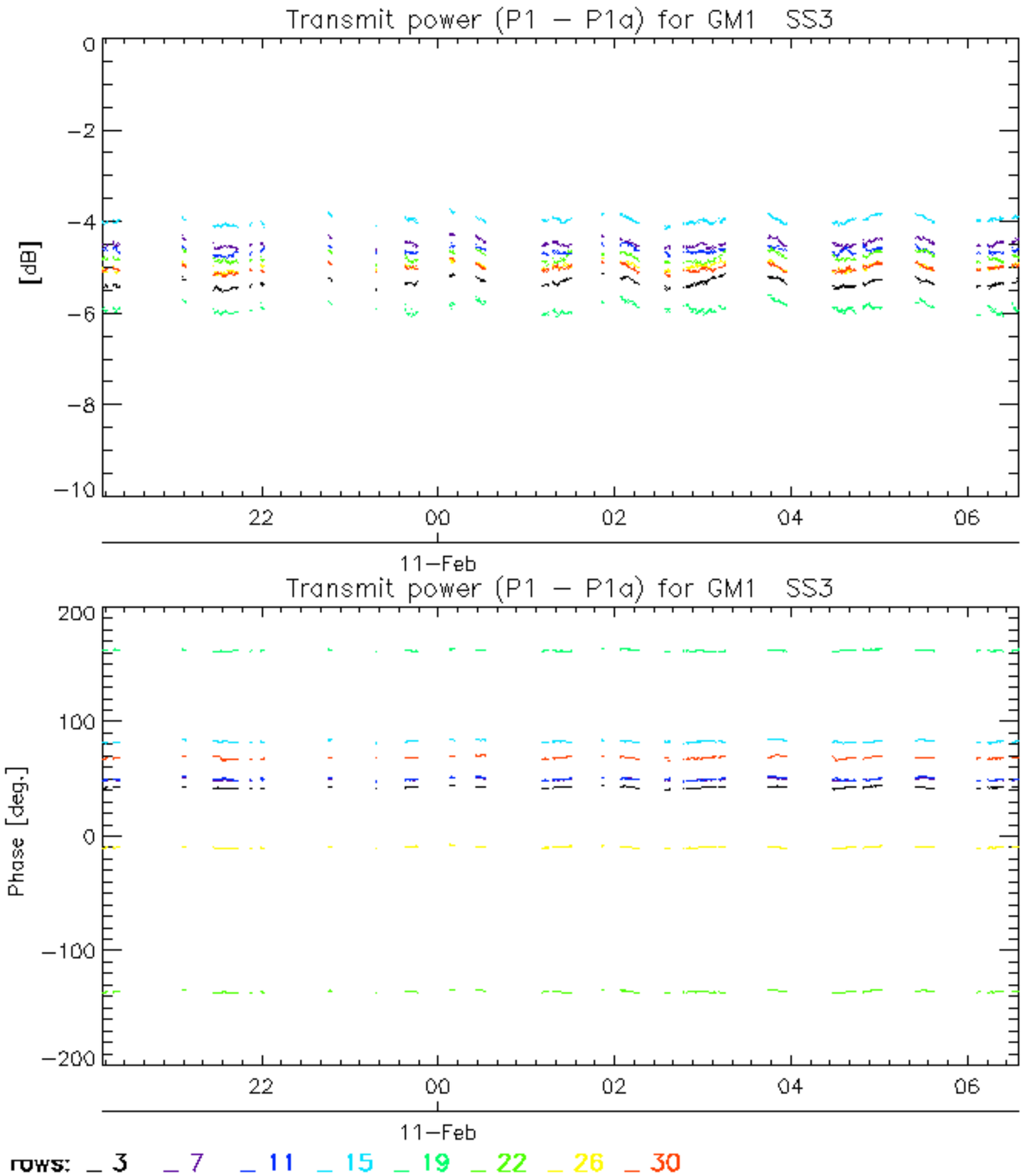
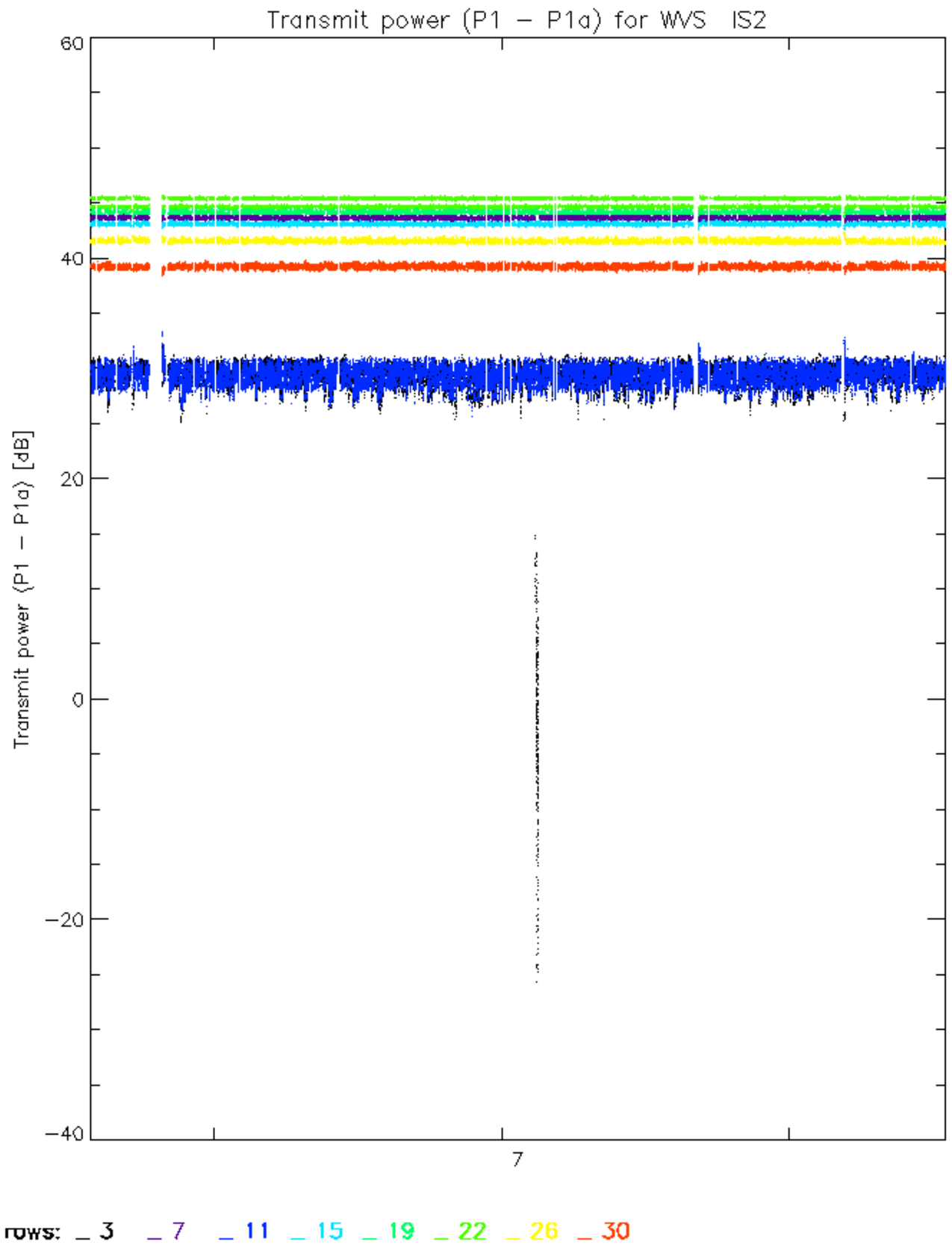
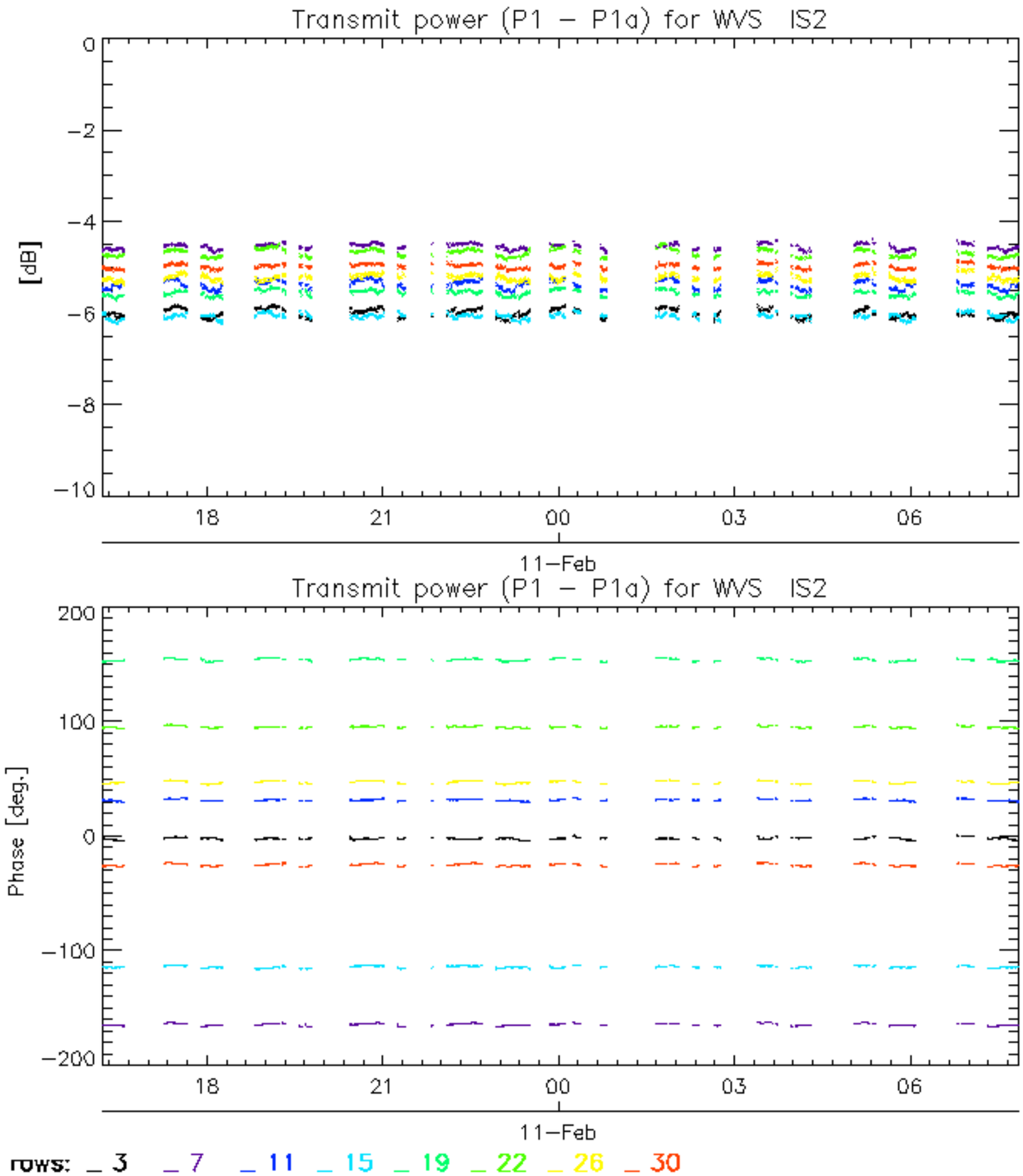

Transmit power (P1 – P1a) for GM1 SS3
Transmit power ⟨P1 – P1a⟩ [dB]
50
40
30
20
10
0
7
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
22
00
02
04
06
11–Feb
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
22
00
02
04
06
11–Feb
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
Transmit power (P1 – P1a) [dB]
60
40
20
0
−20
−40
7
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
11–Feb
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
11–Feb
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.