PRELIMINARY REPORT OF 060105

last update on Thu Jan 5 16:42:04 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 2006-01-04 00:00:00 to 2006-01-05 16:42:04

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	38	0	5	0	25
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	38	0	5	0	25
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	38	0	5	0	25
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	38	0	5	0	25

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	44	53	33	4	70
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	44	53	33	4	70
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	44	53	33	4	70
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	44	53	33	4	70

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	20060104 170153
H	20060105 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	-3.792768	0.220960	-1.212113
7	P1	-2.807306	0.114263	-0.850141
11	P1	-4.132840	0.037186	0.103397
15	P1	-5.317247	1.510537	-3.385169
19	P1	-3.090274	0.060163	-0.646957
22	P1	-4.449955	0.023714	-0.190372
26	P1	-4.355076	0.056777	0.593954
30	P1	-5.681098	0.032157	-0.401328
3	P1	-16.056982	2.512994	-4.251448
7	P1	-15.606820	2.425306	-4.249855
11	P1	-16.376339	0.469564	-0.972523
15	P1	-12.827934	0.807418	-2.118079
19	P1	-13.541059	0.343177	-1.474165
22	P1	-15.933593	0.612352	-0.373072
26	P1	-15.228813	0.965237	-2.398526
30	P1	-15.797764	2.200179	-3.707909

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.754902	0.113534	0.358873
7	P2	-22.532087	0.105271	0.052595
11	P2	-16.452707	0.129725	0.434432
15	P2	-7.265173	0.106213	0.105979
19	P2	-9.206017	0.104437	0.022314
22	P2	-17.895266	0.110971	-0.213667
26	P2	-16.344574	0.130753	0.490552
30	P2	-19.762190	0.114043	0.392293

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.231939	0.007703	0.031517
7	P3	-8.231939	0.007703	0.031517
11	P3	-8.231939	0.007703	0.031517
15	P3	-8.231939	0.007703	0.031517
19	P3	-8.231939	0.007703	0.031517
22	P3	-8.231939	0.007703	0.031517
26	P3	-8.231939	0.007703	0.031517
30	P3	-8.231939	0.007703	0.031517

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	-3.713072	0.008471	-0.032365
7	P1	-2.767147	0.007766	0.000133
11	P1	-2.875561	0.009520	0.007475
15	P1	-3.424703	0.017080	-0.061594
19	P1	-3.392525	0.014299	0.003396
22	P1	-5.123930	0.019325	-0.006429
26	P1	-5.854521	0.015751	-0.018702
30	P1	-5.276473	0.033366	0.032231
3	P1	-11.492855	0.039287	-0.048251
7	P1	-9.963118	0.047564	0.058458
11	P1	-10.056916	0.056477	-0.039346
15	P1	-10.568090	0.072036	-0.099801
19	P1	-15.518181	0.073335	0.039943
22	P1	-20.913176	0.961695	0.534516

26	P1	-17.097994	0.296861	0.406249
30	P1	-18.172705	0.280158	0.135763

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.570400	0.030070	0.176933
7	P2	-23.024933	0.056262	0.199589
11	P2	-11.551737	0.020083	0.191890
15	P2	-4.985067	0.021726	0.082253
19	P2	-6.970519	0.021762	0.049848
22	P2	-8.212736	0.022181	-0.000994
26	P2	-24.042015	0.030021	0.096855
30	P2	-22.134180	0.017428	0.031067

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.075986	0.002471	0.019961
7	P3	-8.076127	0.002470	0.020441
11	P3	-8.076246	0.002450	0.019987
15	P3	-8.076101	0.002454	0.020195
19	P3	-8.076158	0.002470	0.020460
22	P3	-8.076025	0.002457	0.020353
26	P3	-8.076045	0.002443	0.020820
30	P3	-8.075917	0.002456	0.019626

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

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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	0.000475760
	stdev	2.13196e-07
MEAN Q	mean	0.000476594
	stdev	2.33037e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.131017
	stdev	0.00116614
STDEV Q	mean	0.131316
	stdev	0.00118037

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006010[345]
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_1PNPDE20060104_004520_000001852044_00016_20110_5463.N1	1	0
ASA_IMM_1PNPDE20060104_155357_000000402044_00025_20119_5538.N1	1	0
ASA_WSM_1PNPDE20060105_010633_000002812044_00031_20125_7017.N1	0	44

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

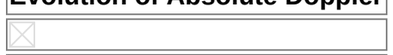
Evolution of unbiased Doppler error (Real - Expected)

Acsending

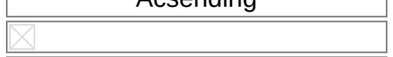
Descending

7.5 - Absolute Doppler for GM1

Evolution of Absolute Doppler



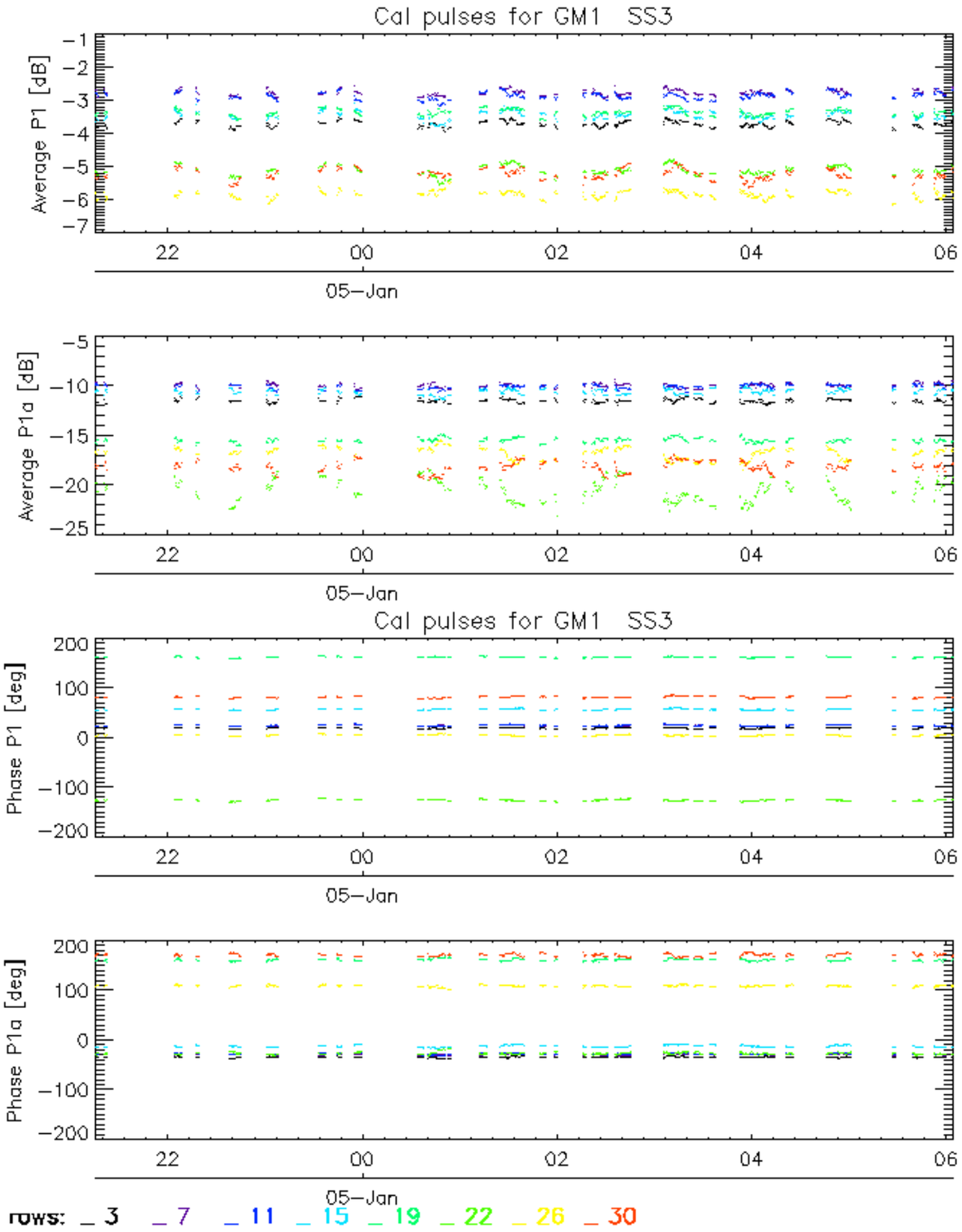
Acsending

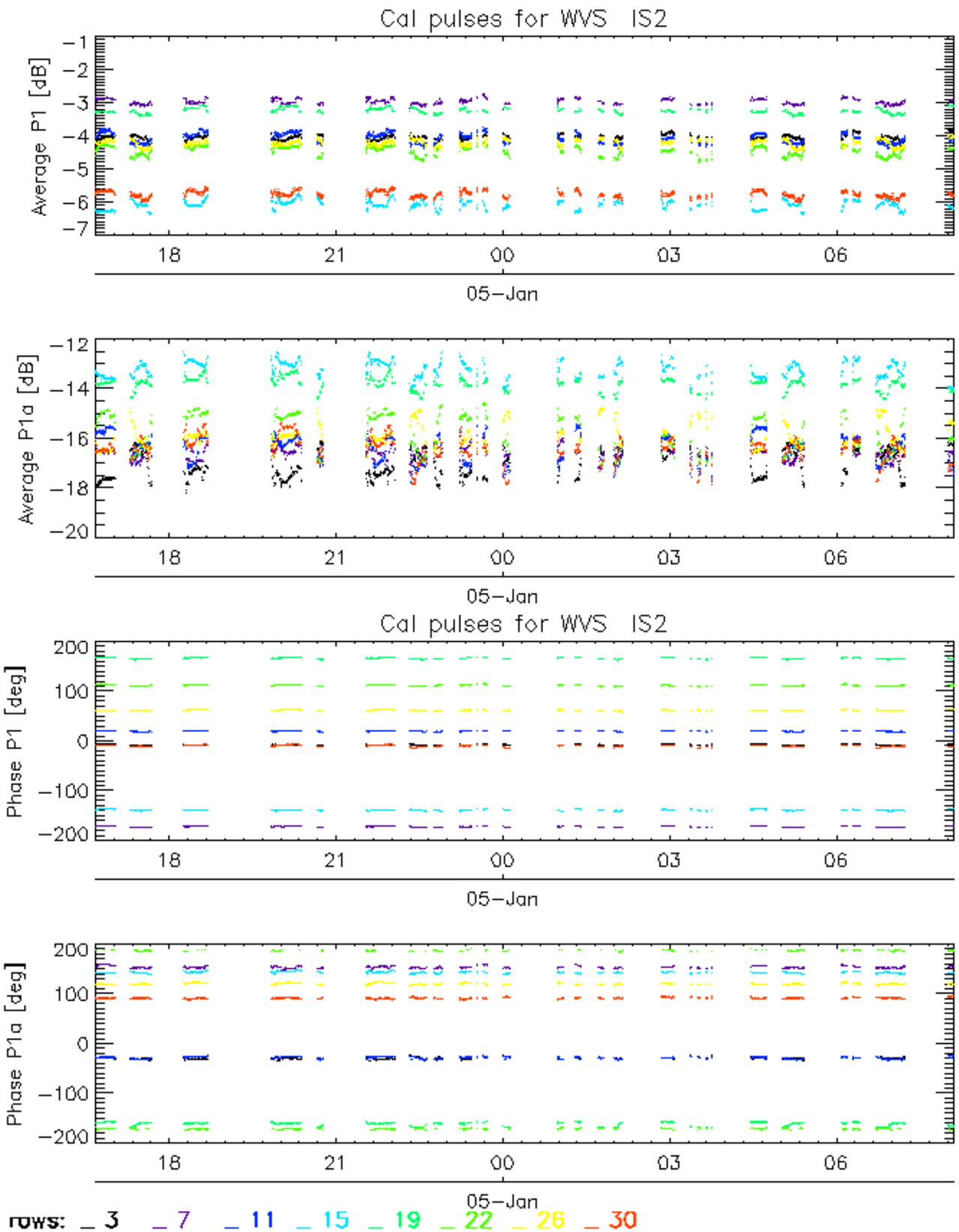


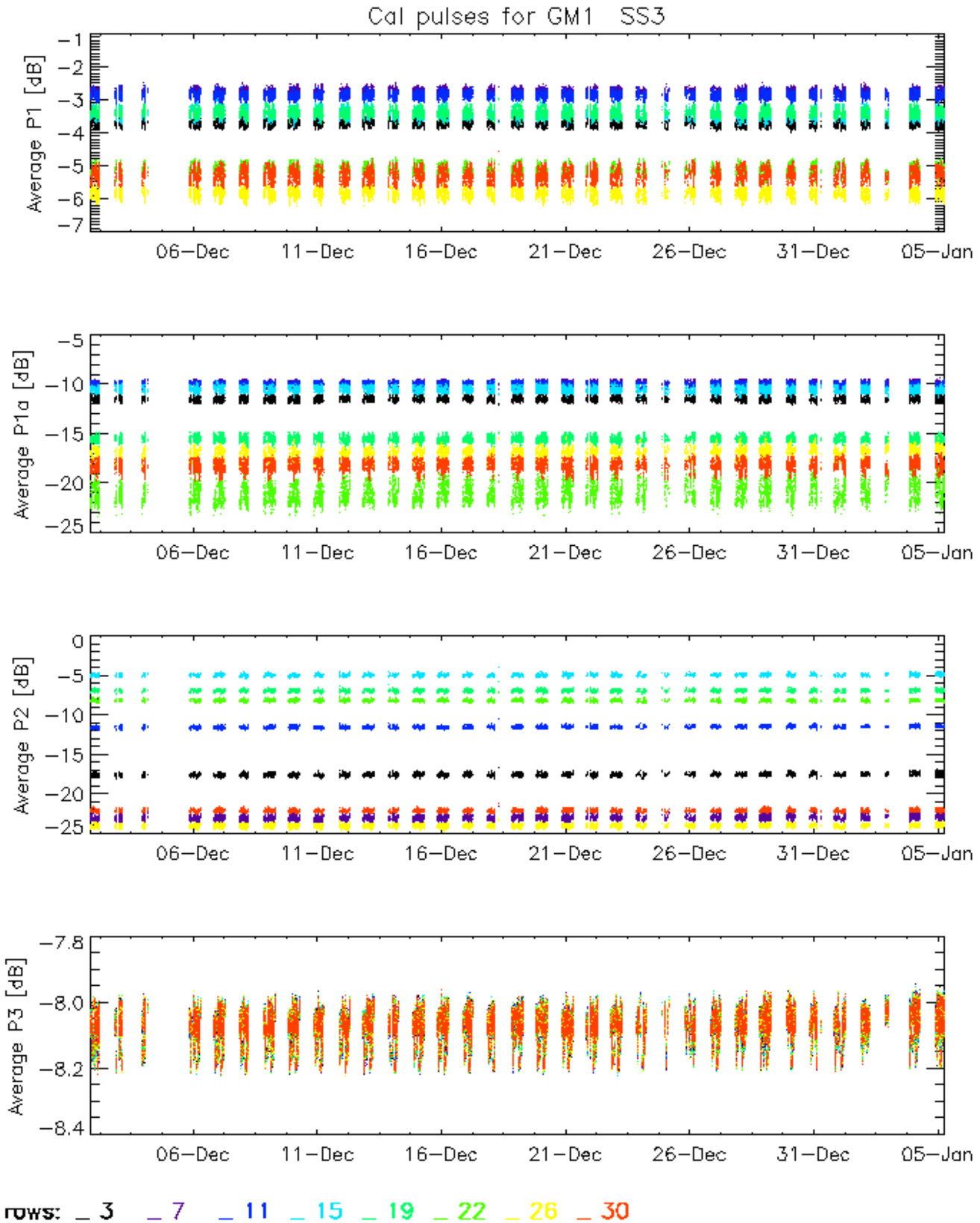
Descending

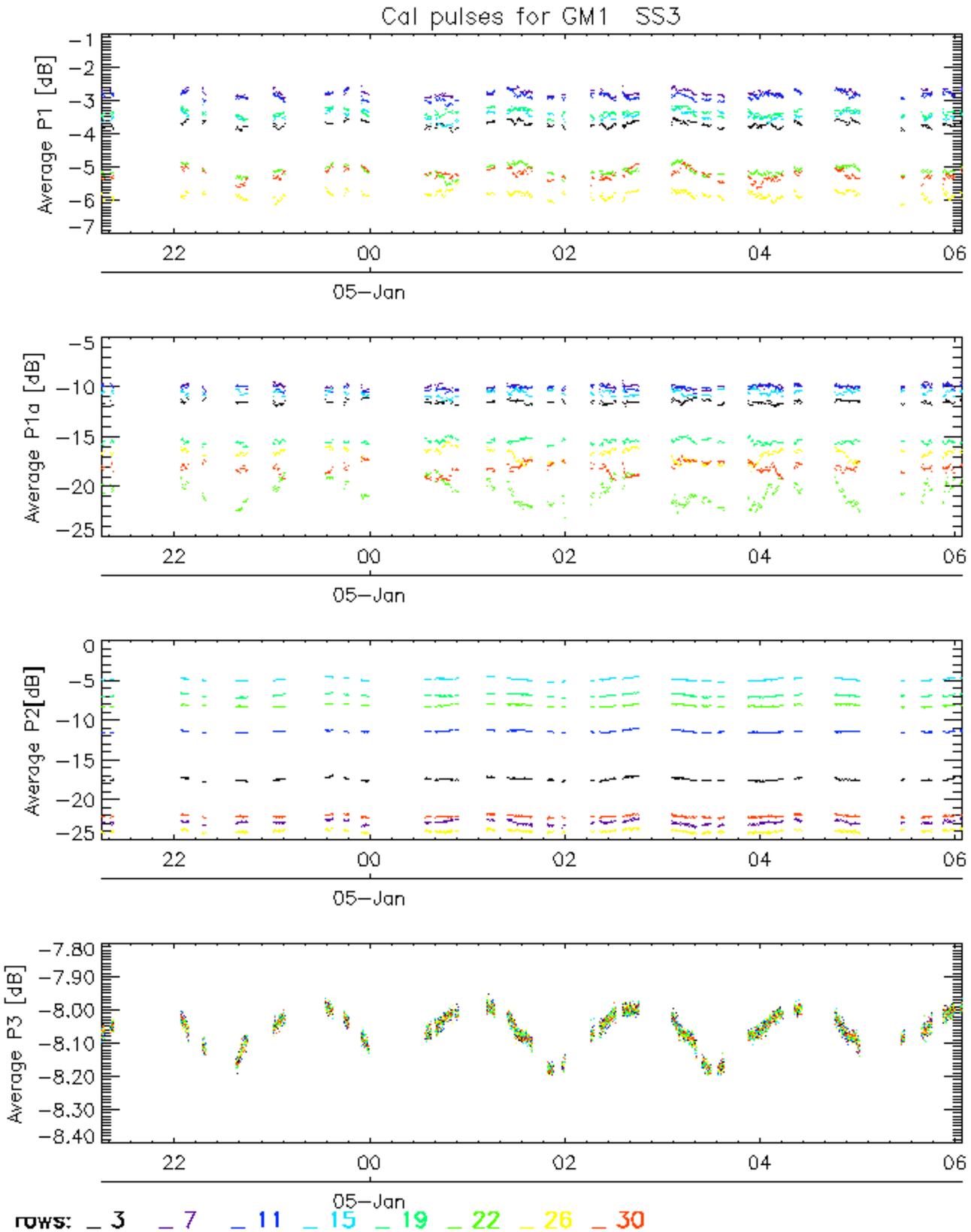
7.6 - Doppler evolution versus ANX for GM1

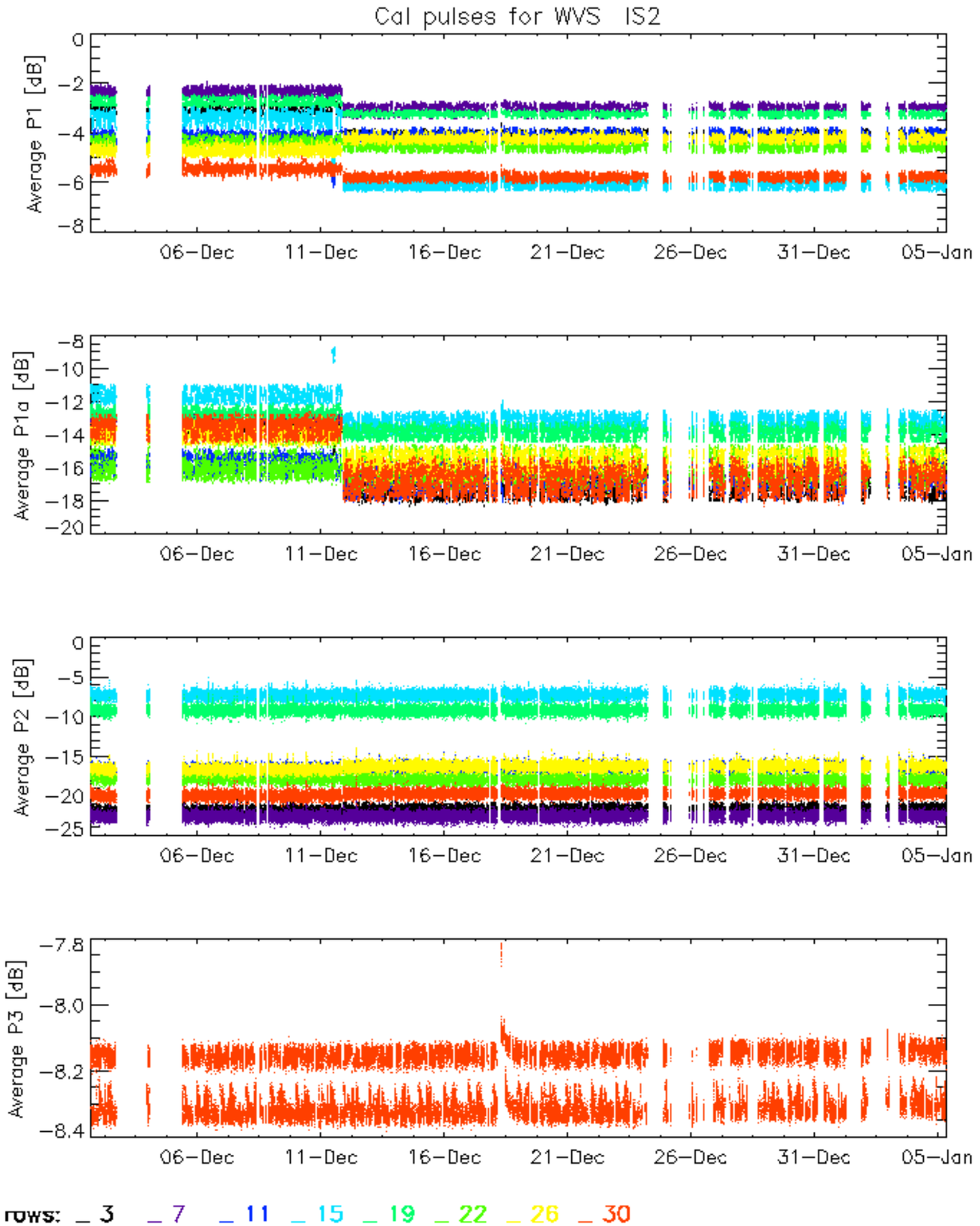
Evolution Doppler error versus ANX

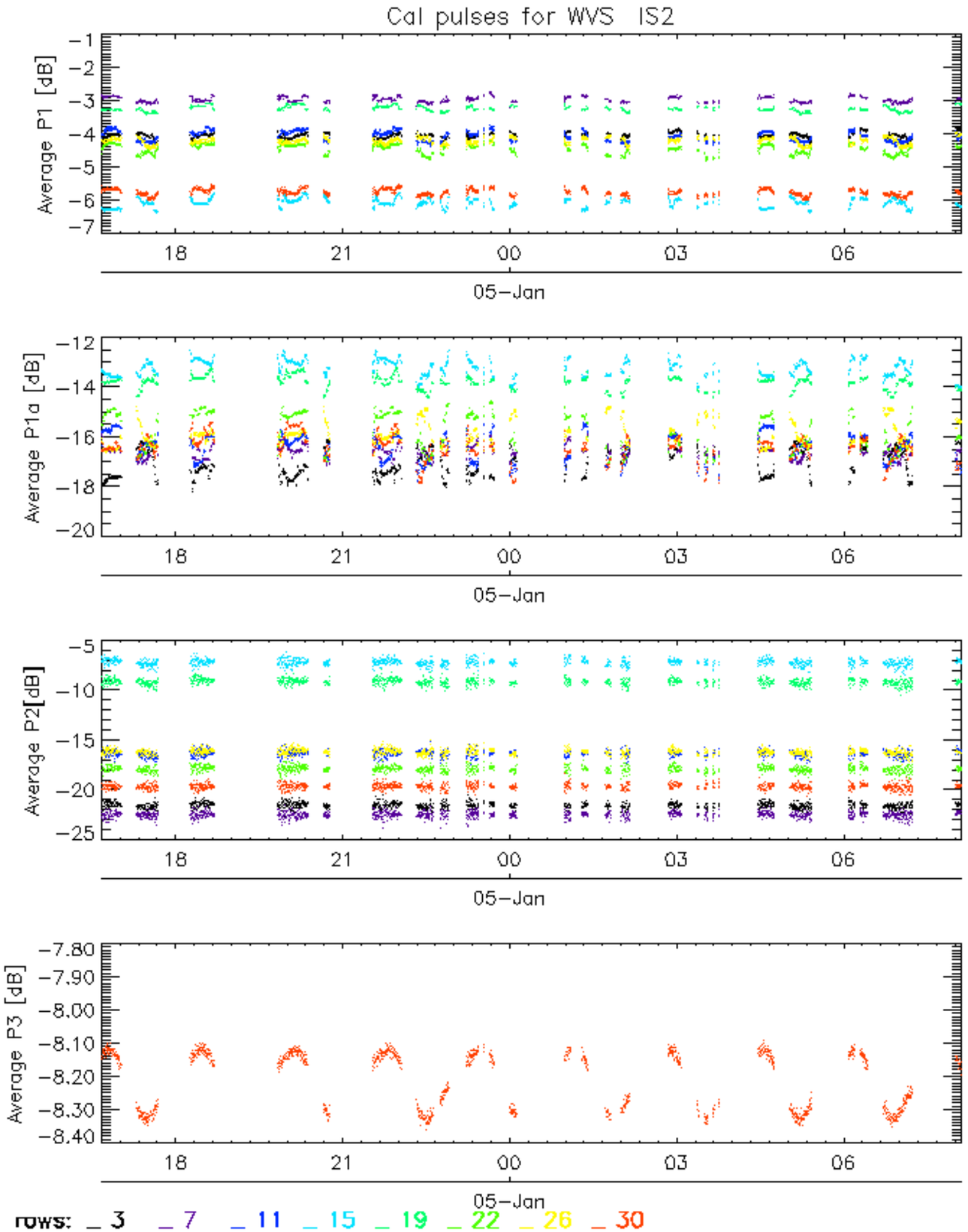

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
05−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
05−Jan
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
22
00
02
04
06
05−Jan
Phase P1a [deg]
200
100
0
−100
−200
22
00
02
04
06
05−Jan
rows: 3 7 11 15 19 22 26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


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


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

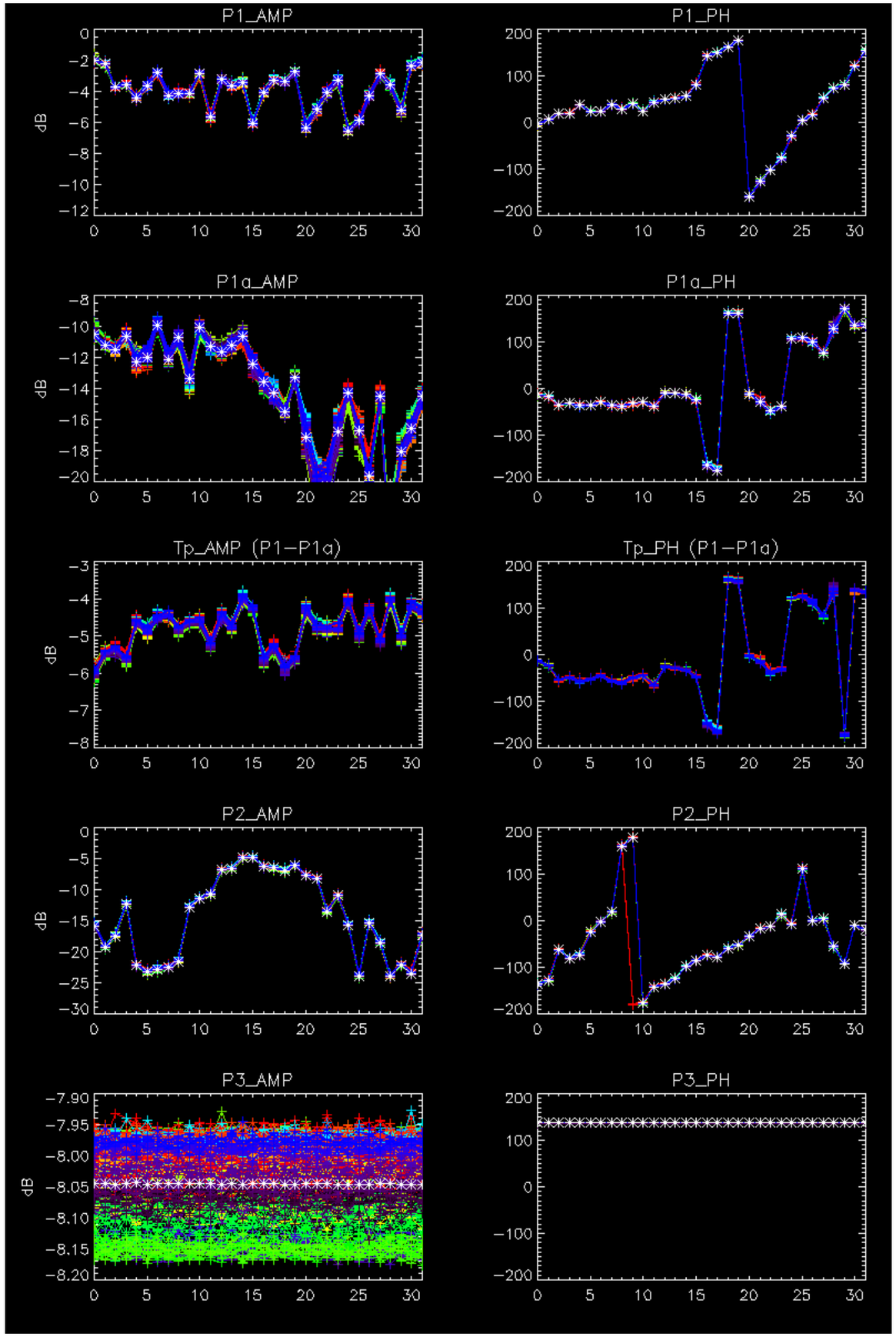

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
05−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
05−Jan
Average P2[dB]
0
−5
−10
−15
−20
−25
22
00
02
04
06
05−Jan
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
22
00
02
04
06
05−Jan
rows: _ 3 _ 7 _ 11 _ 15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

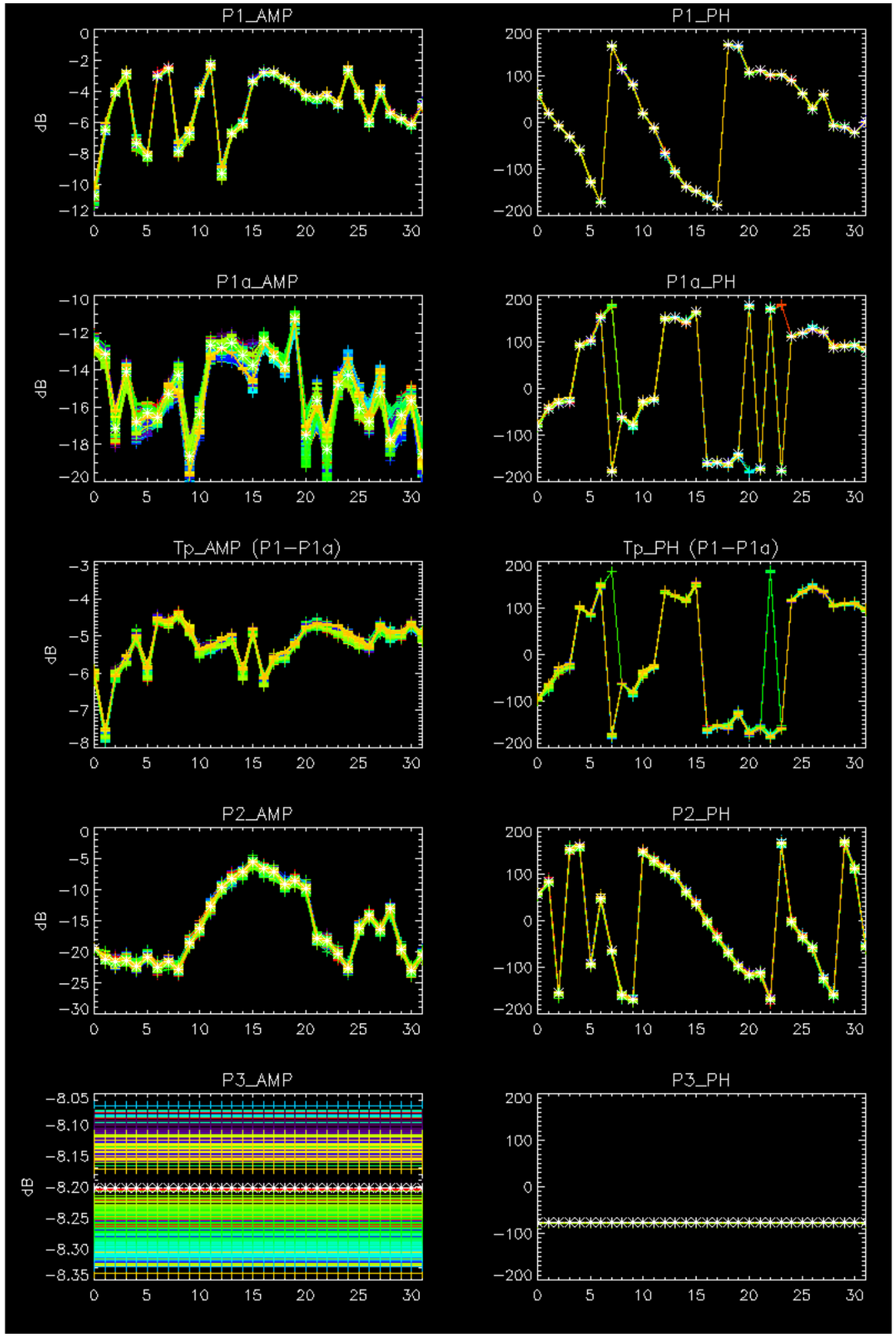

Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
06−Dec
11−Dec
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


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

No anomalies observed on available browse products

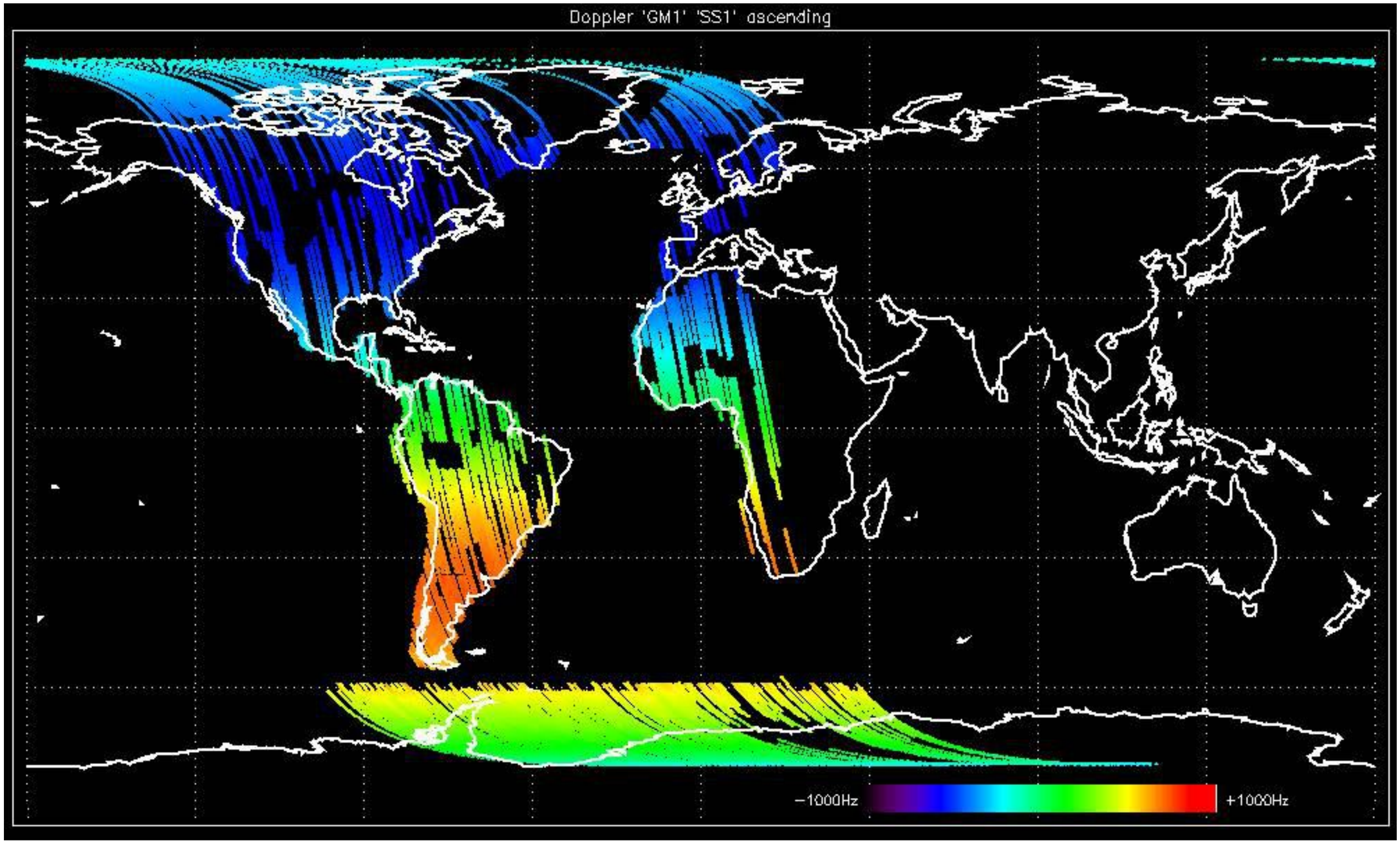
No anomalies observed.

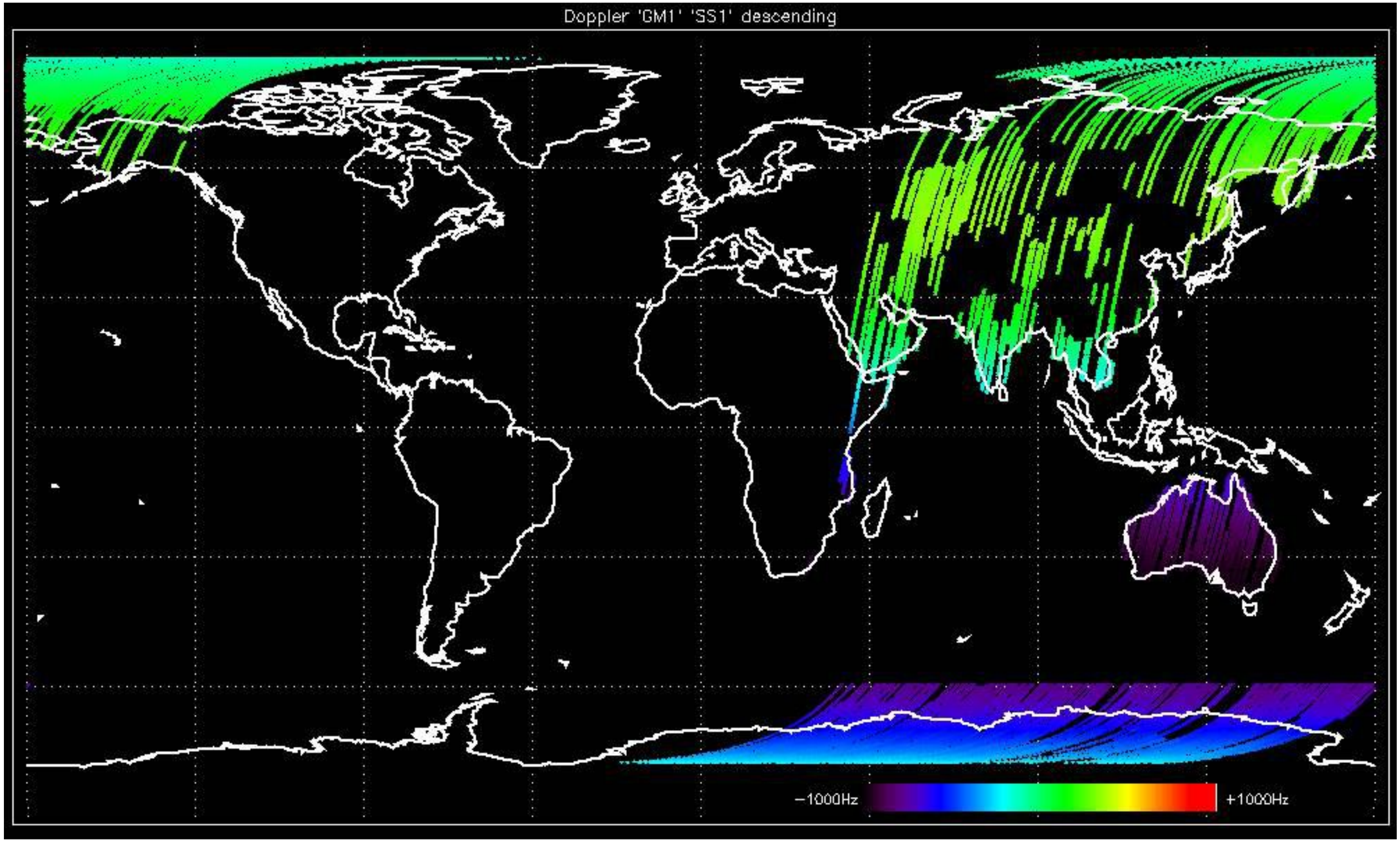

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

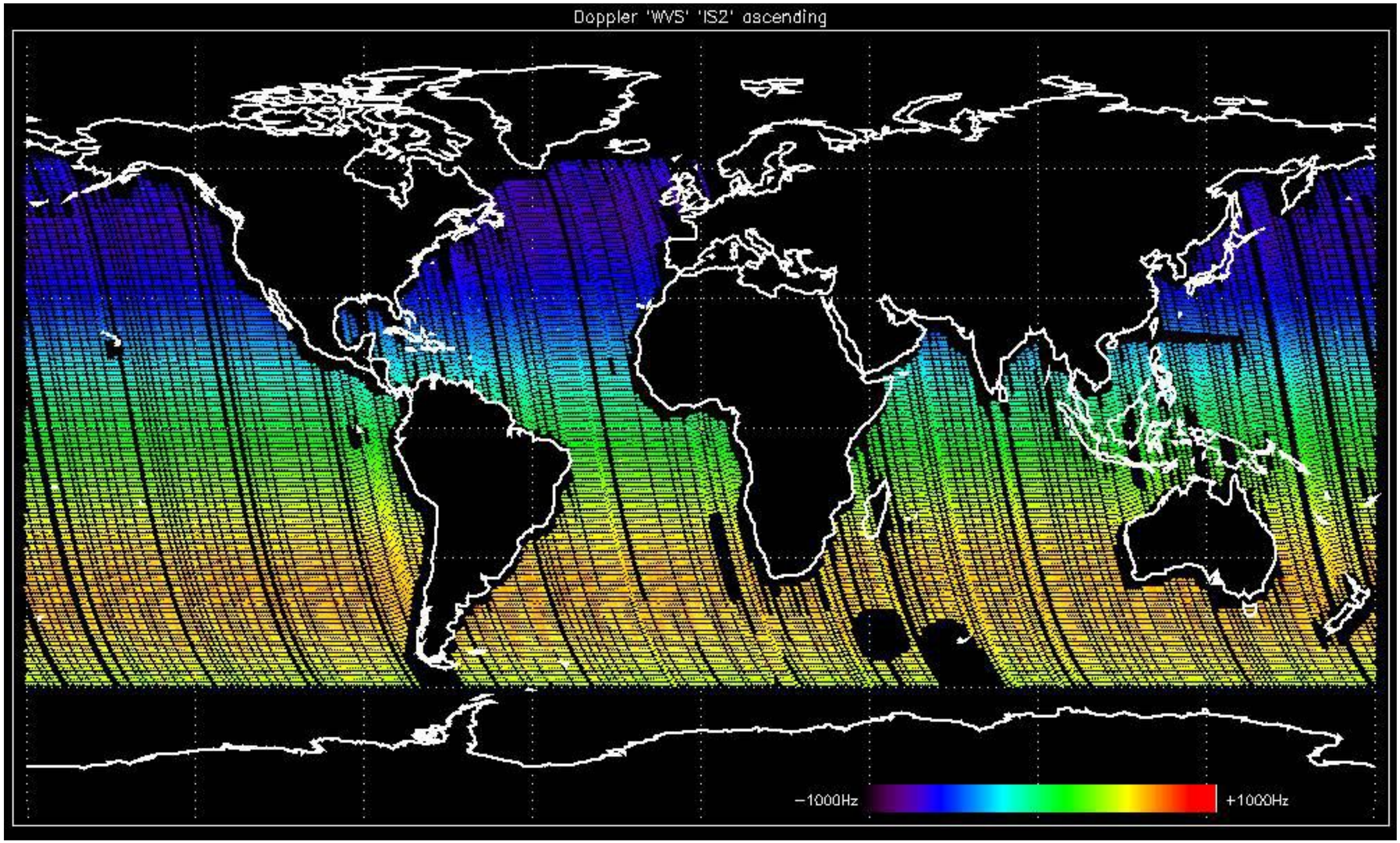

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

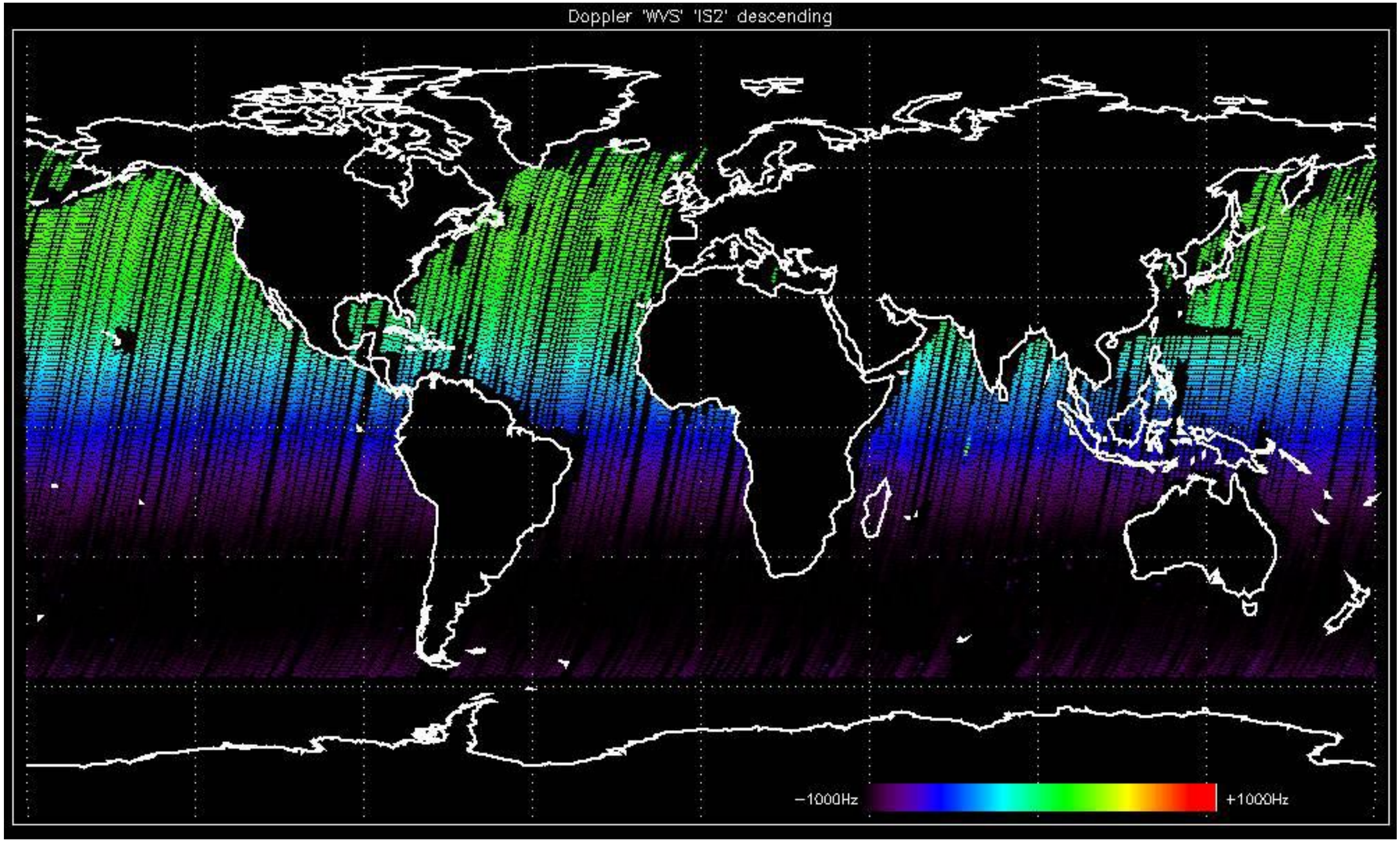
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

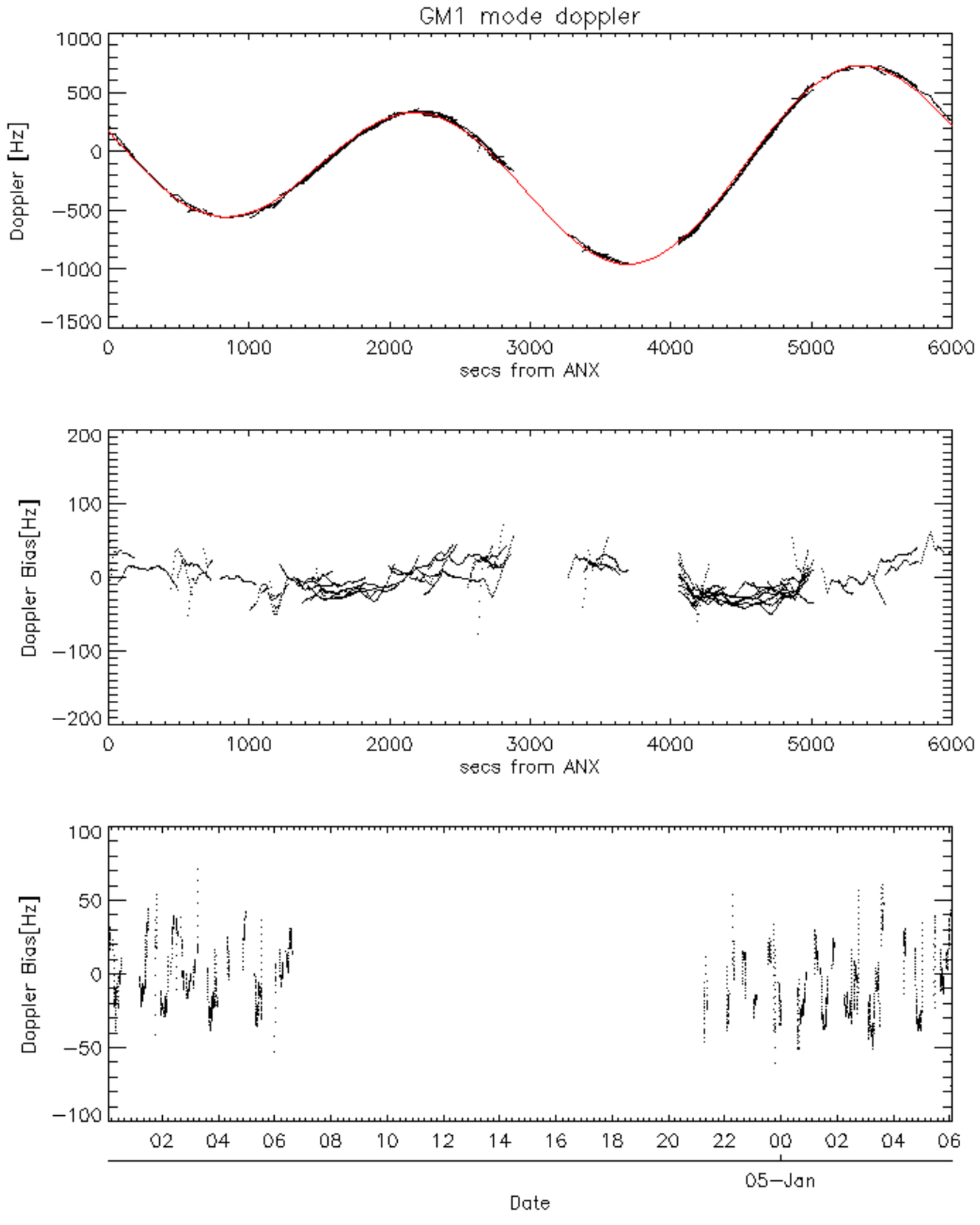
Preliminary report.The data is not yet controled

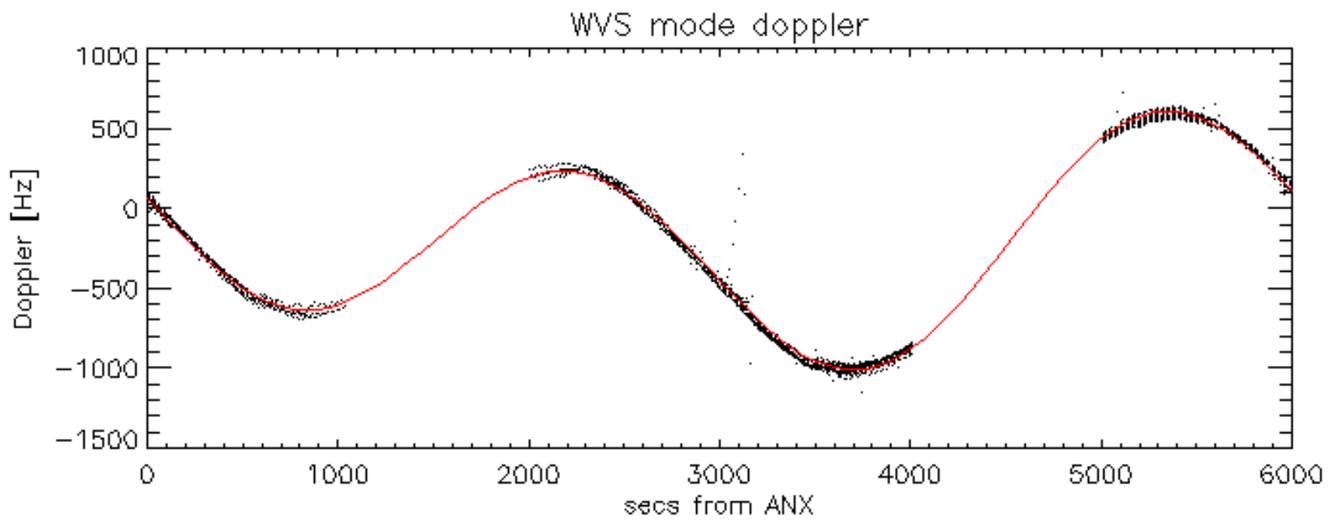

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

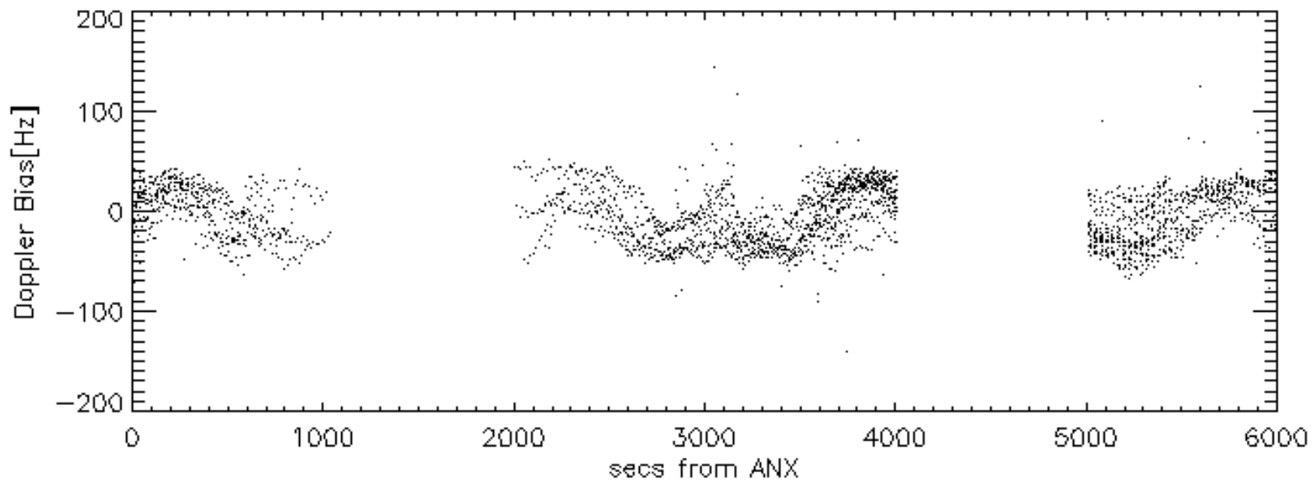

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

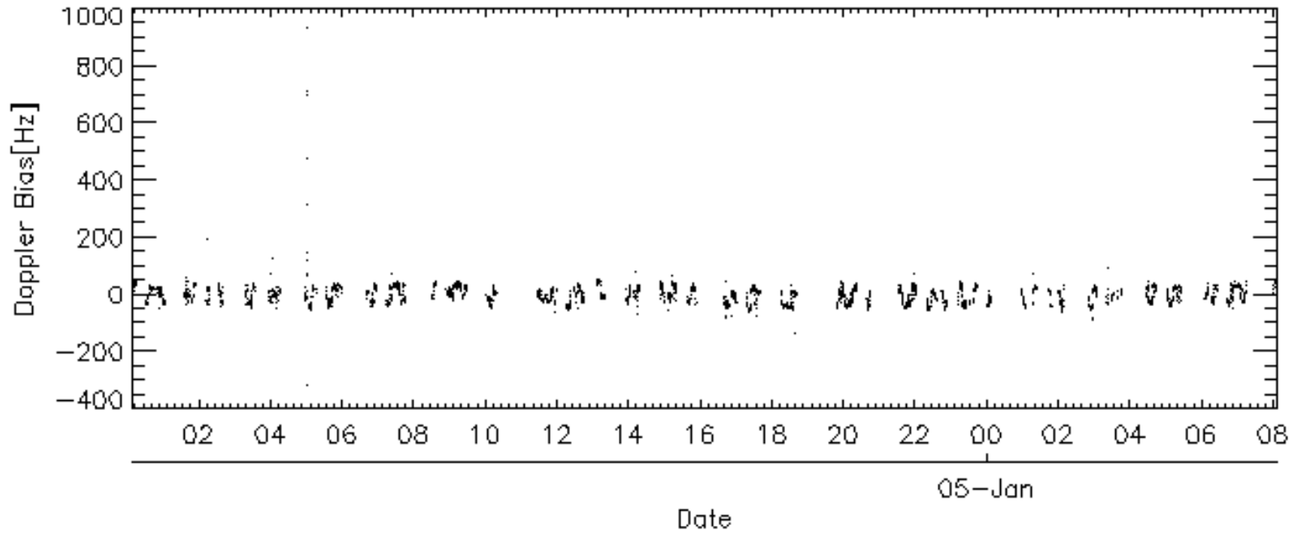

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

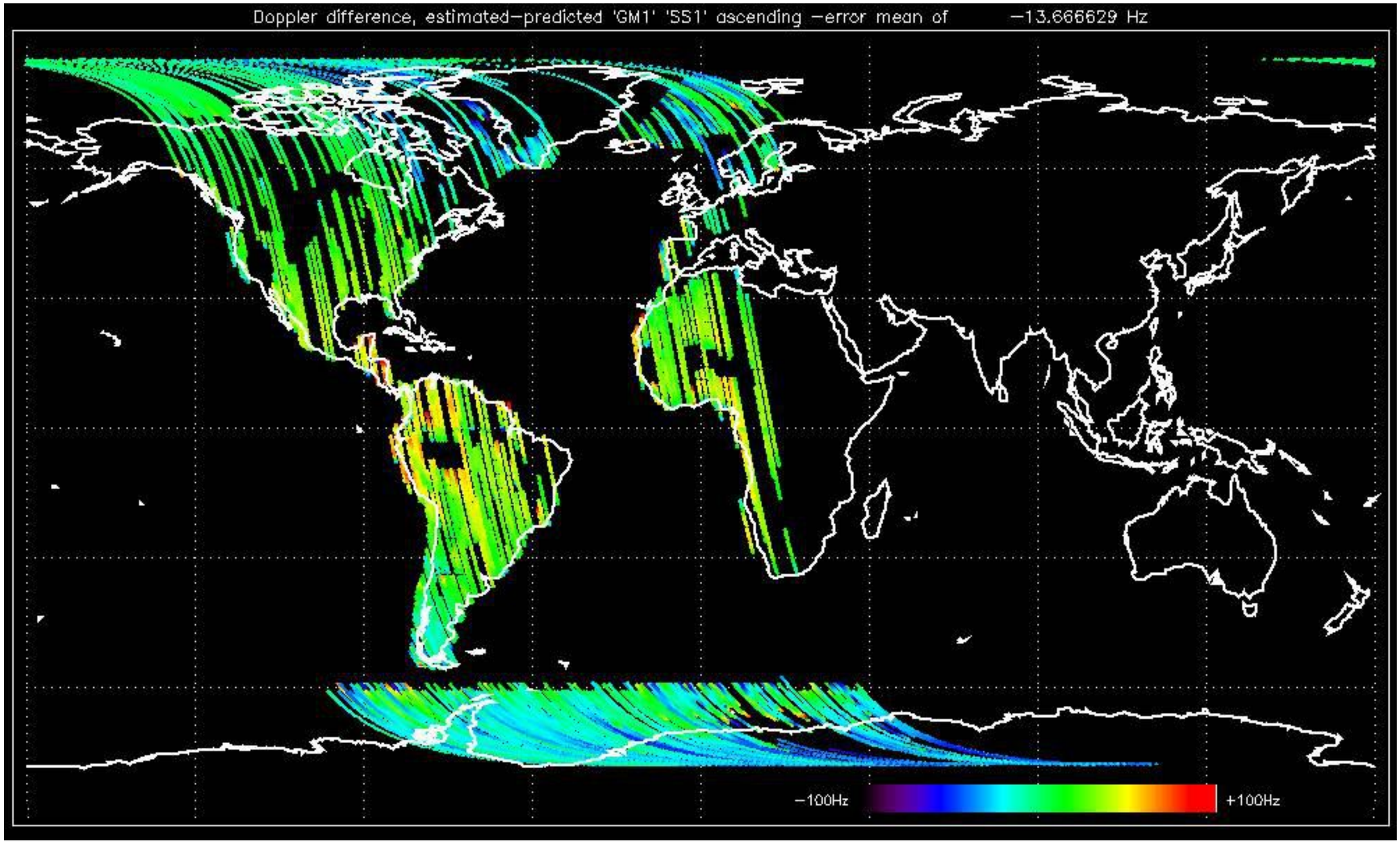

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

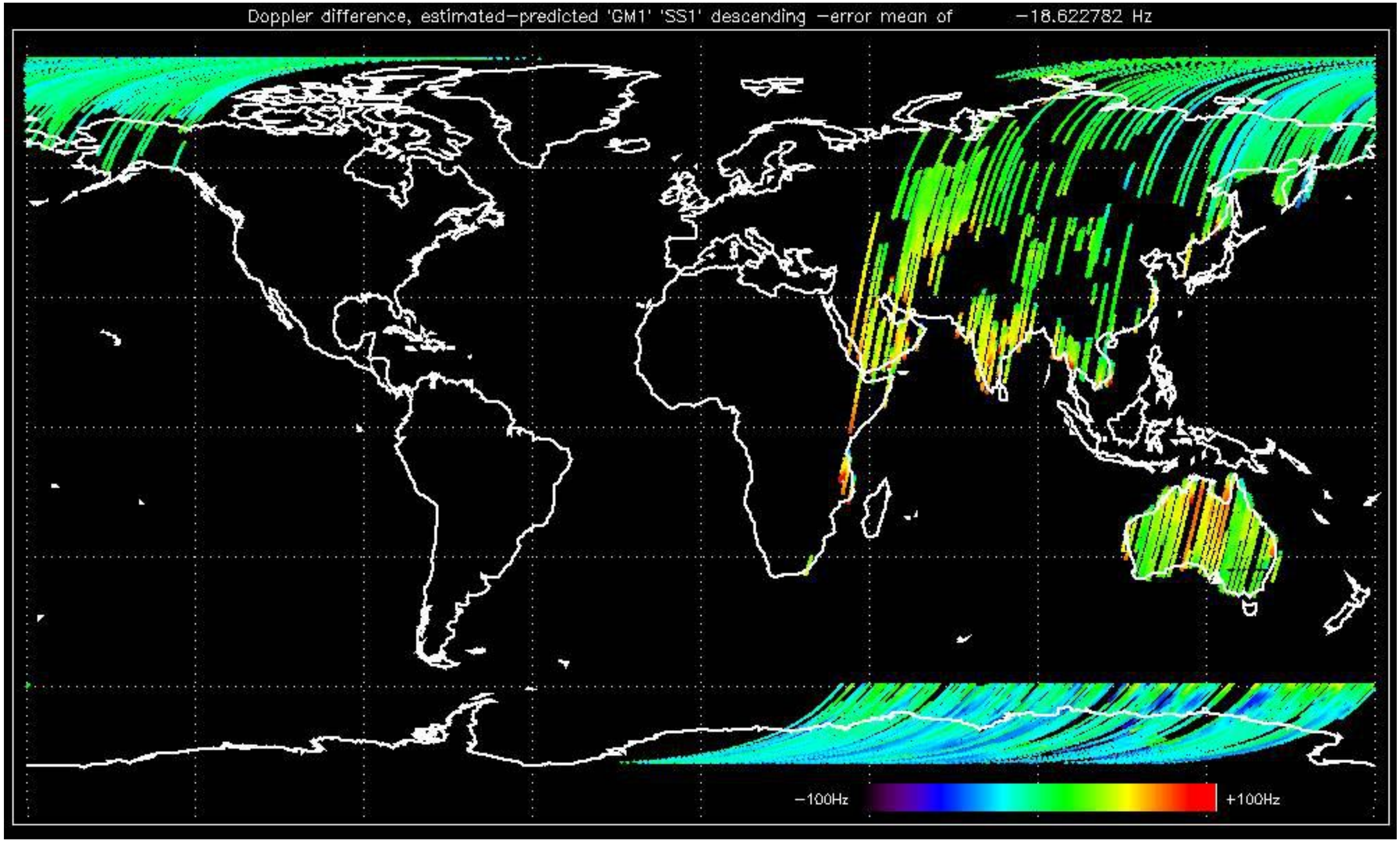

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
100
50
0
−50
−100
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
05−Jan
Date

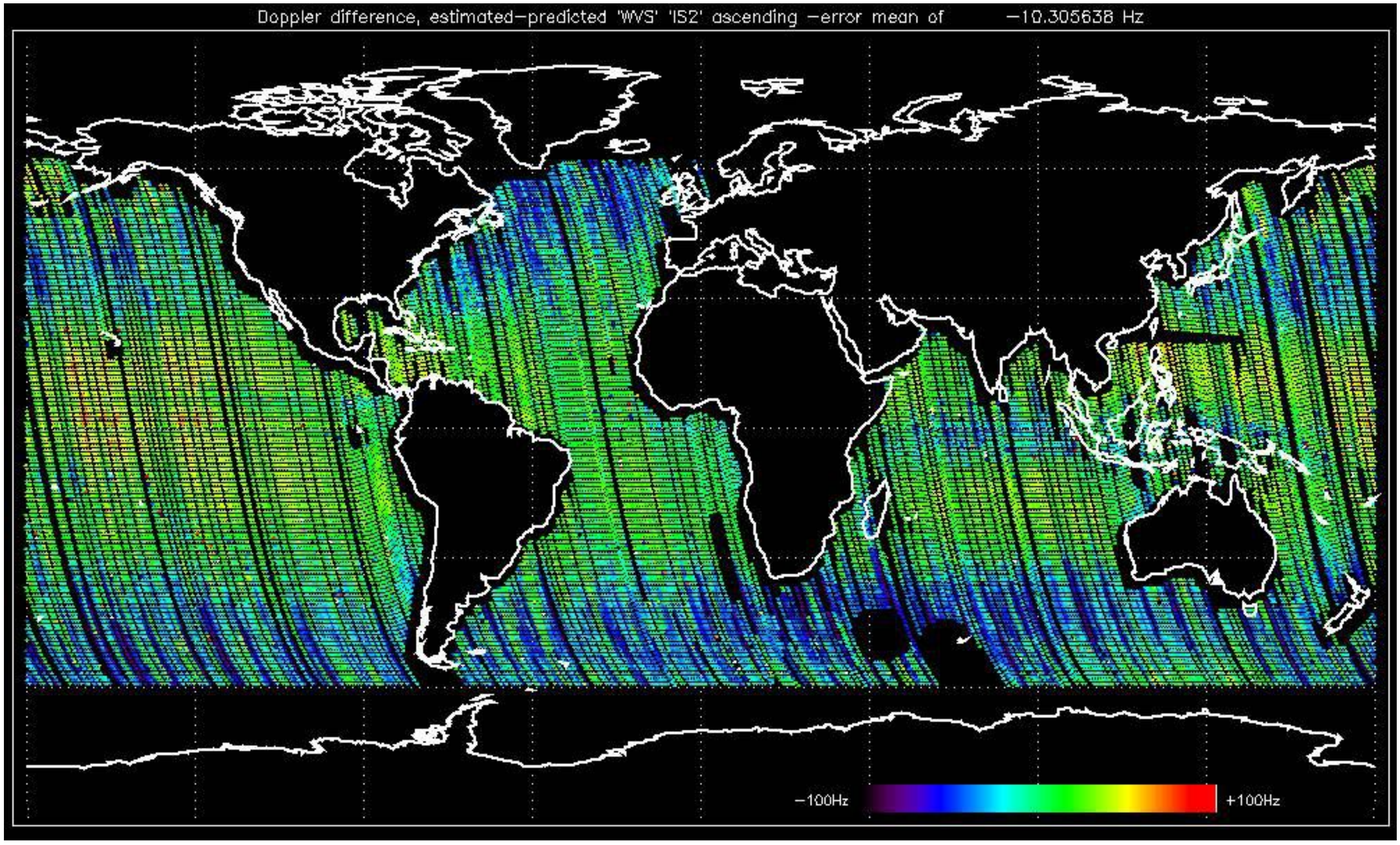

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

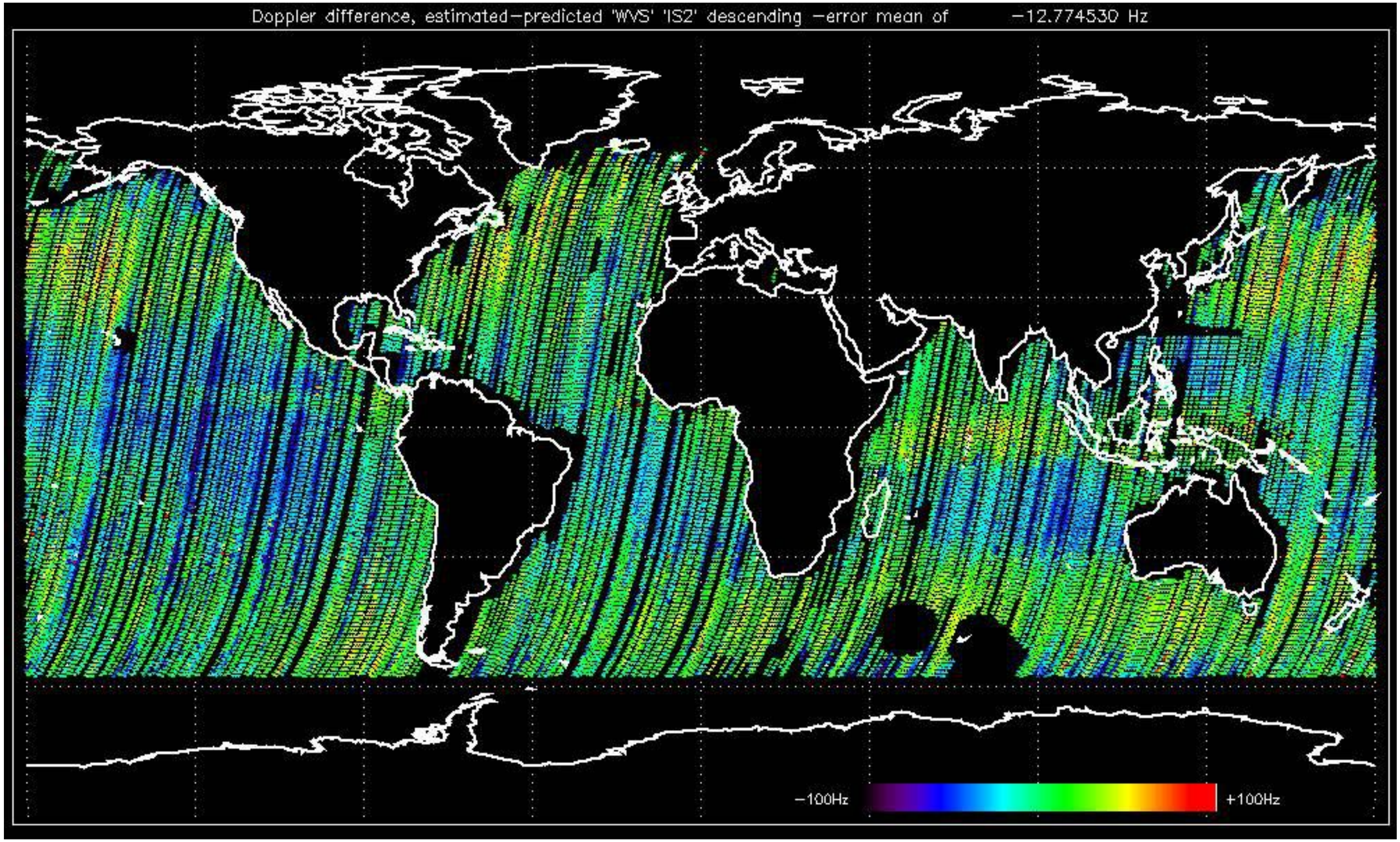

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


Doppler Bias[Hz]
1000
800
600
400
200
0
−200
−400
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
05−Jan
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −13.666629 Hz
−100Hz
+100Hz

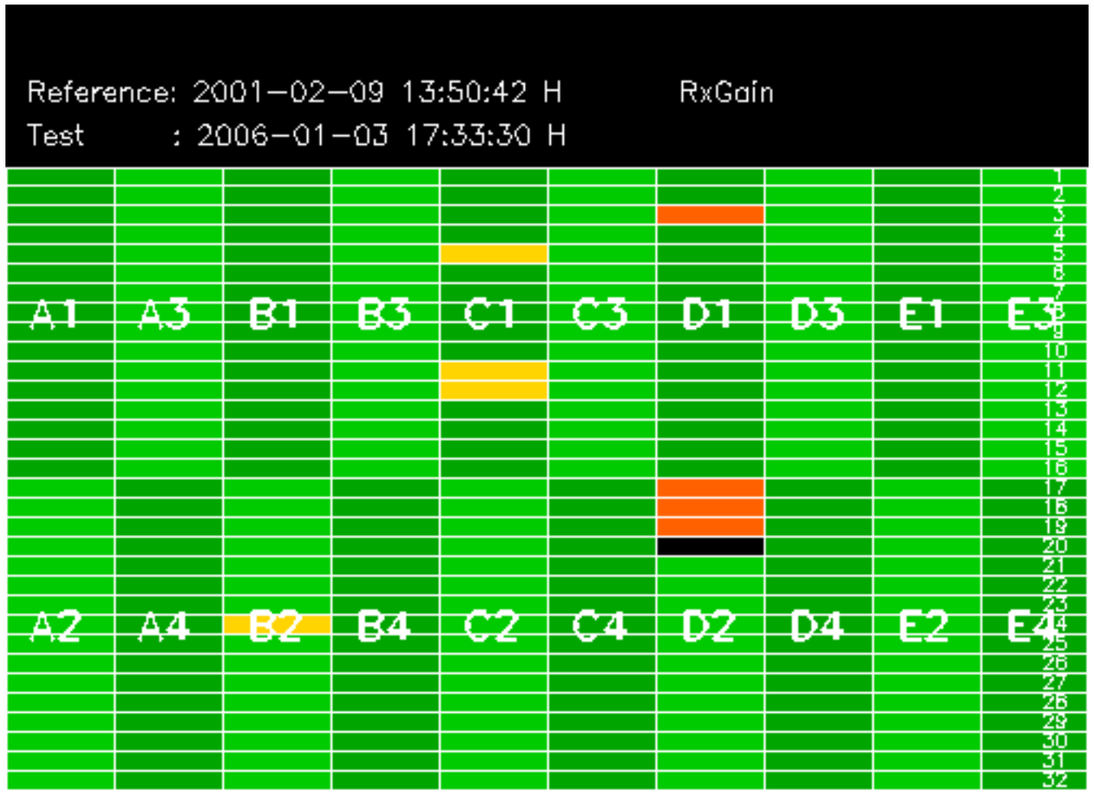

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −18.622782 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −10.305638 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −12.774530 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-01-03 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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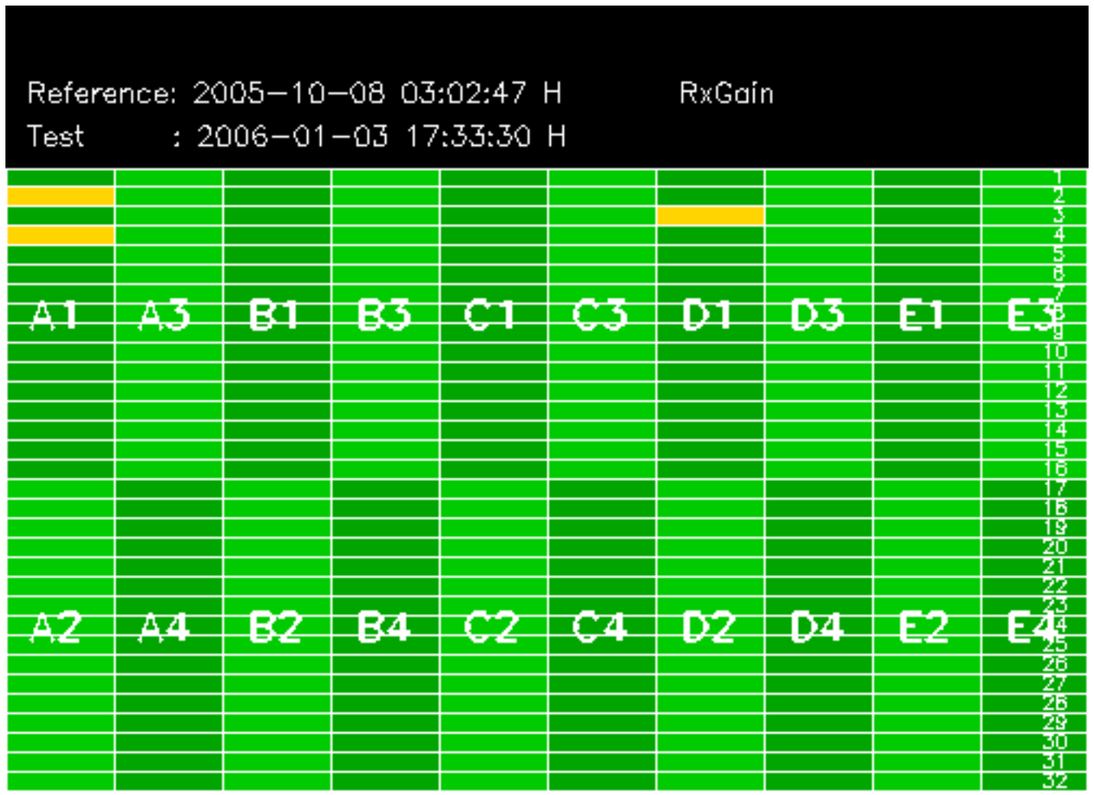
Reference: 2005-10-08 03:02:47 H
RxGain
Test : 2006-01-03 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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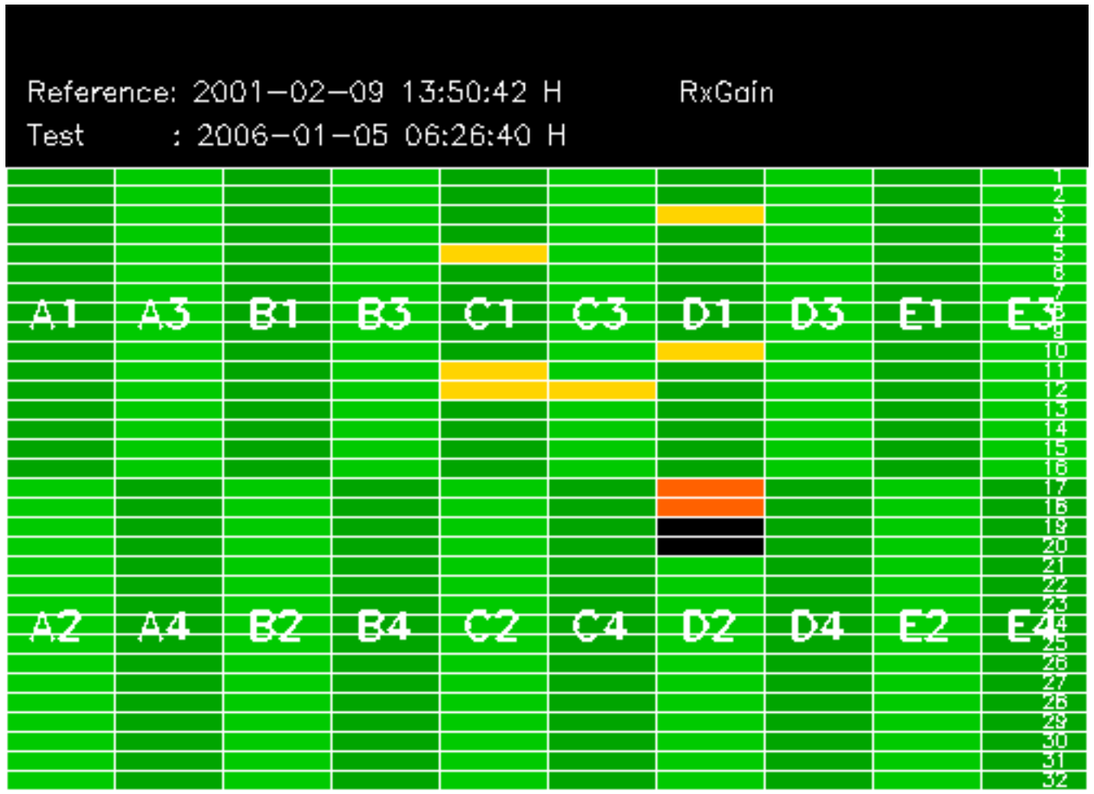
Reference: 2001-02-09 13:50:42 H
Test : 2006-01-05 06:26:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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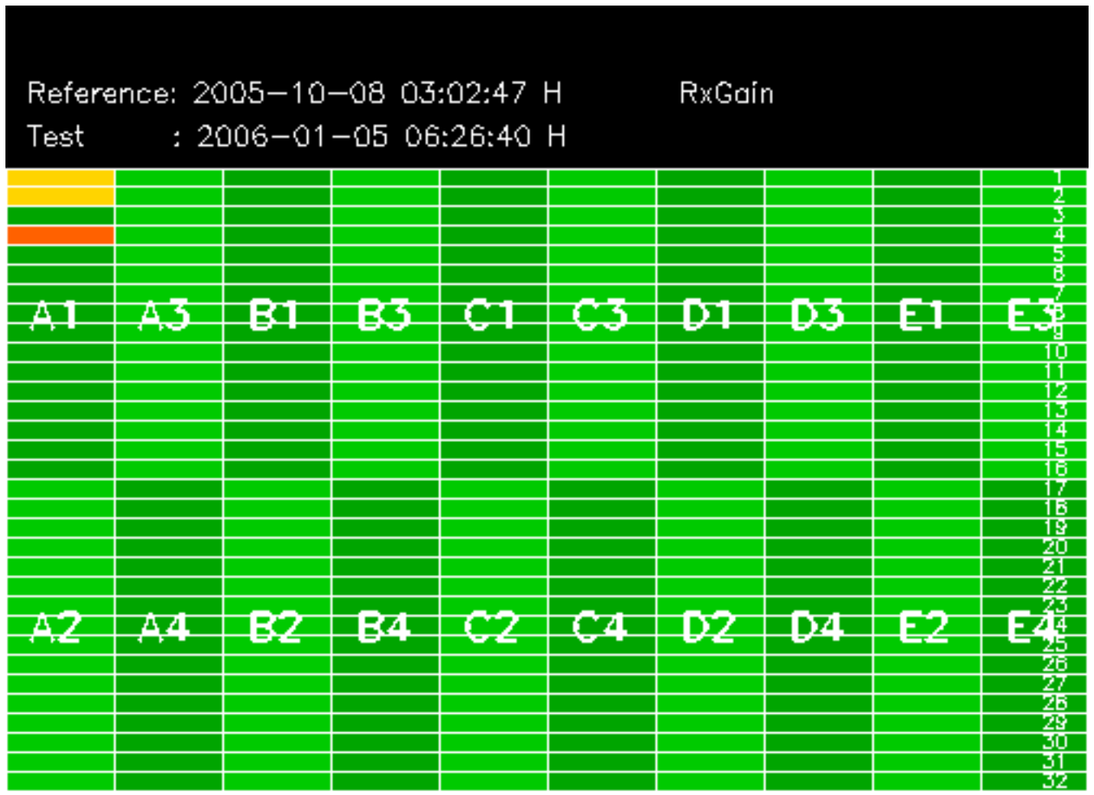
Reference: 2005-10-08 03:02:47 H
Test : 2006-01-05 06:26:40 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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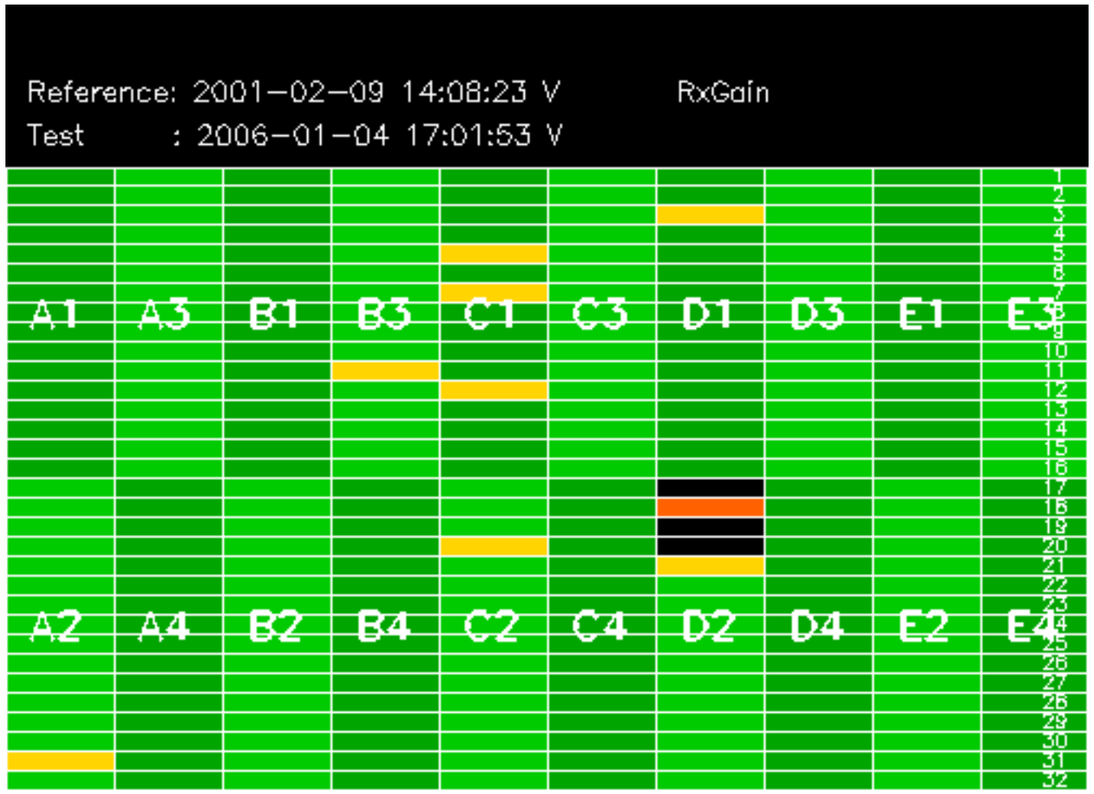
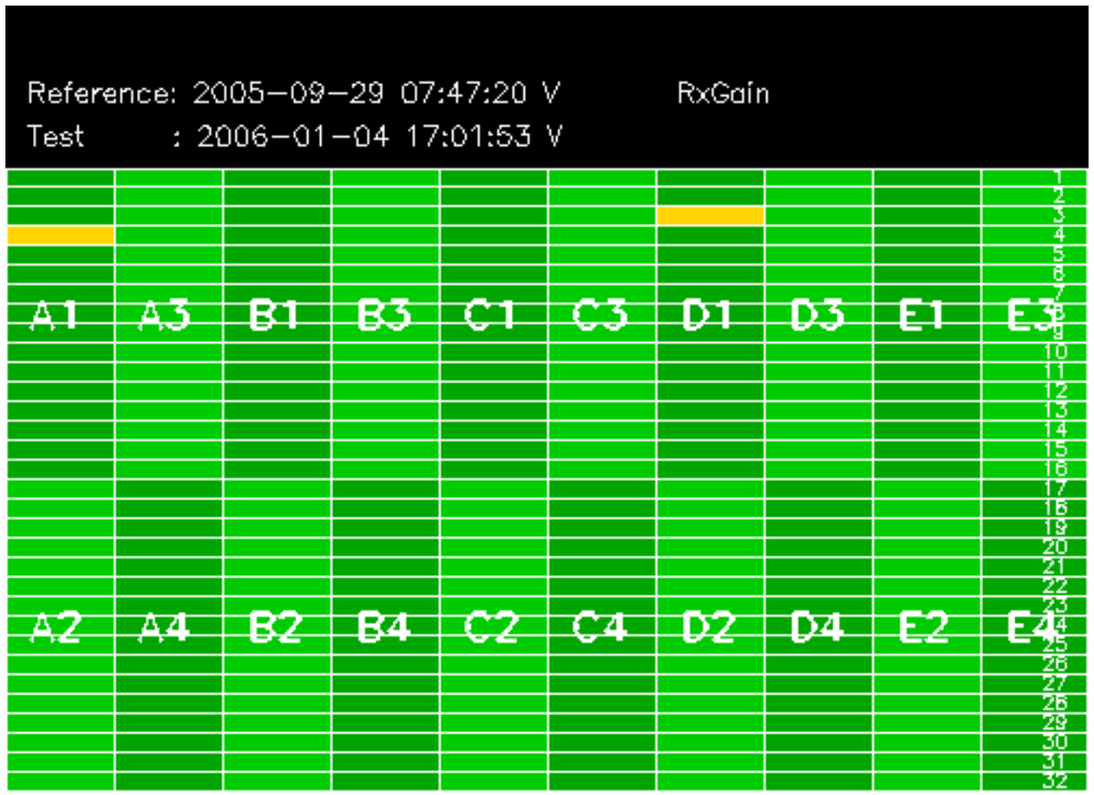

Reference: 2001-02-09 14:08:23 V
Test : 2006-01-04 17:01:53 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-01-04 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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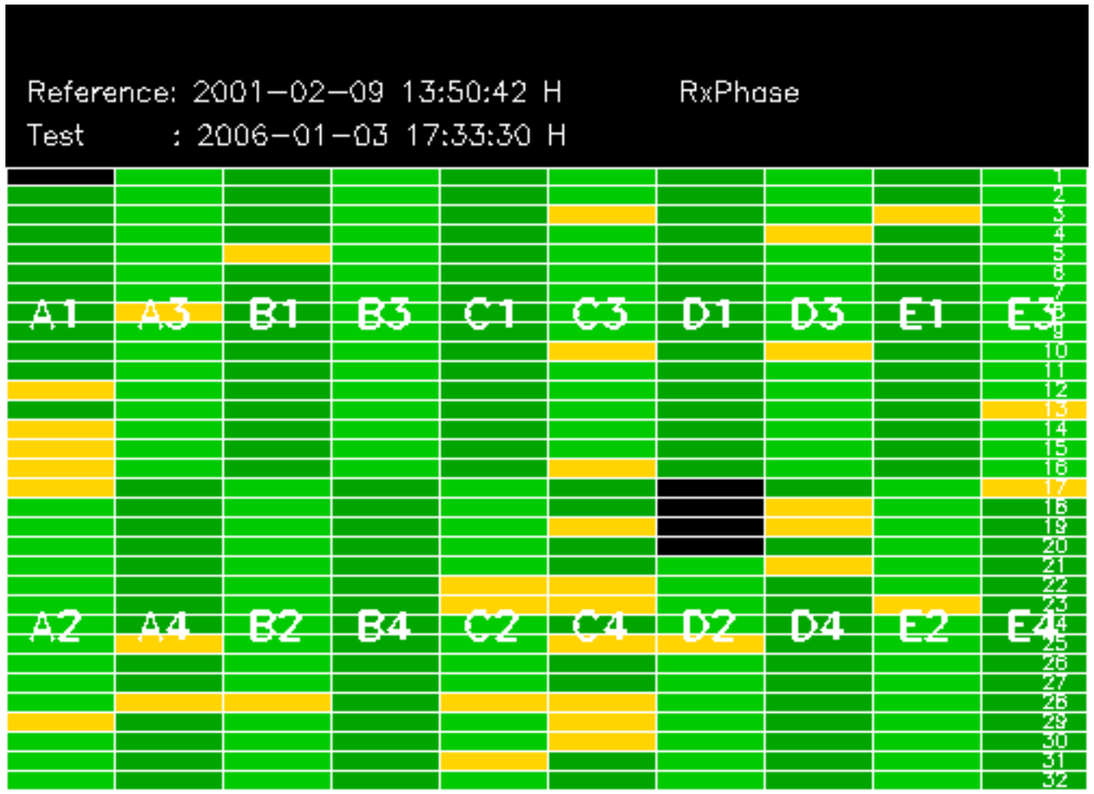
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-01-03 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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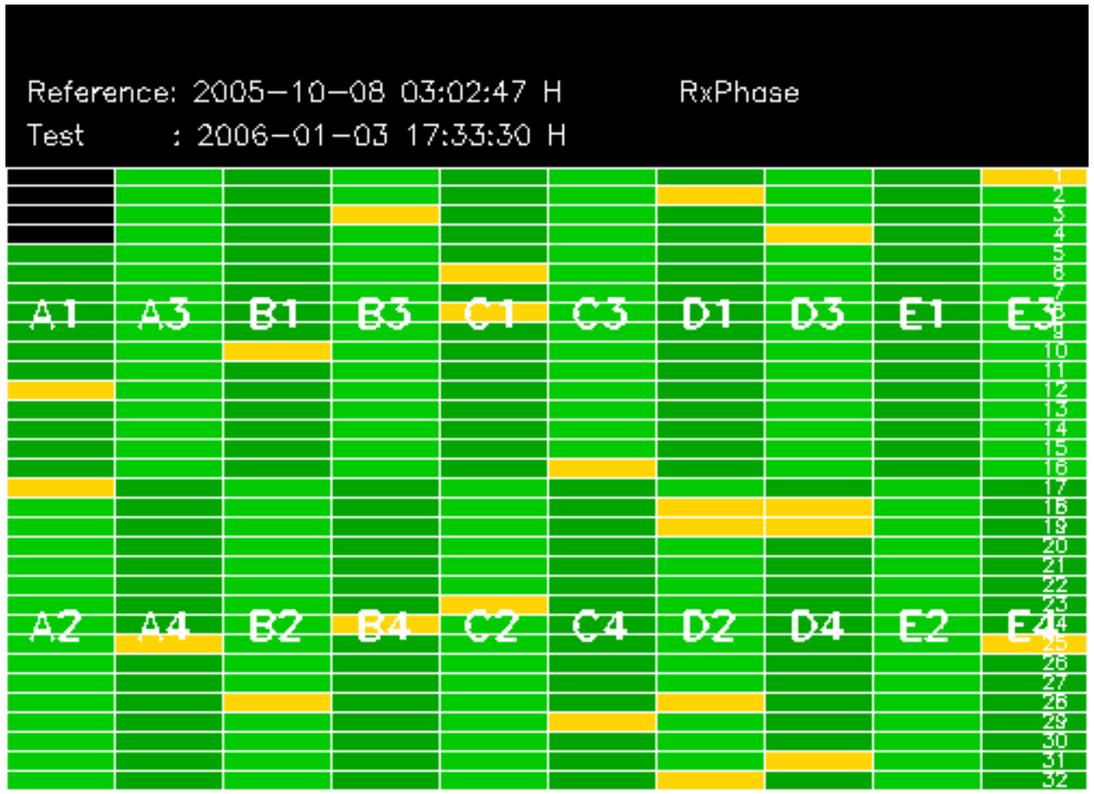
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-01-03 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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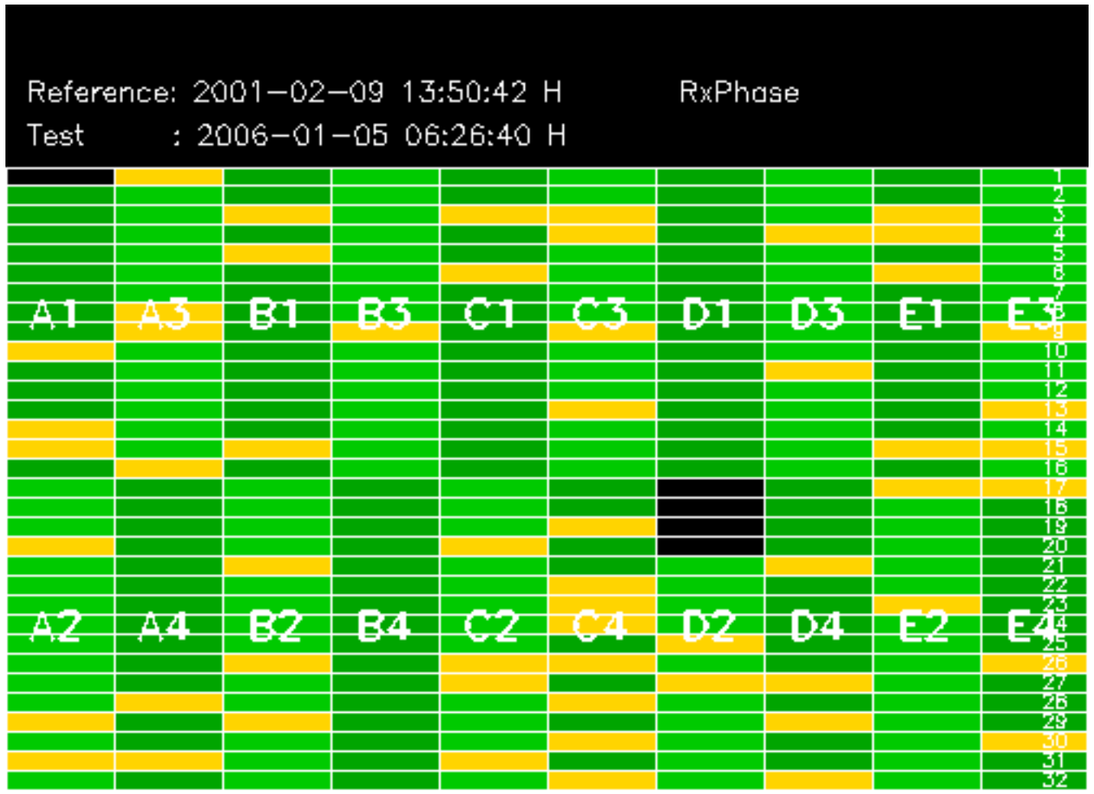
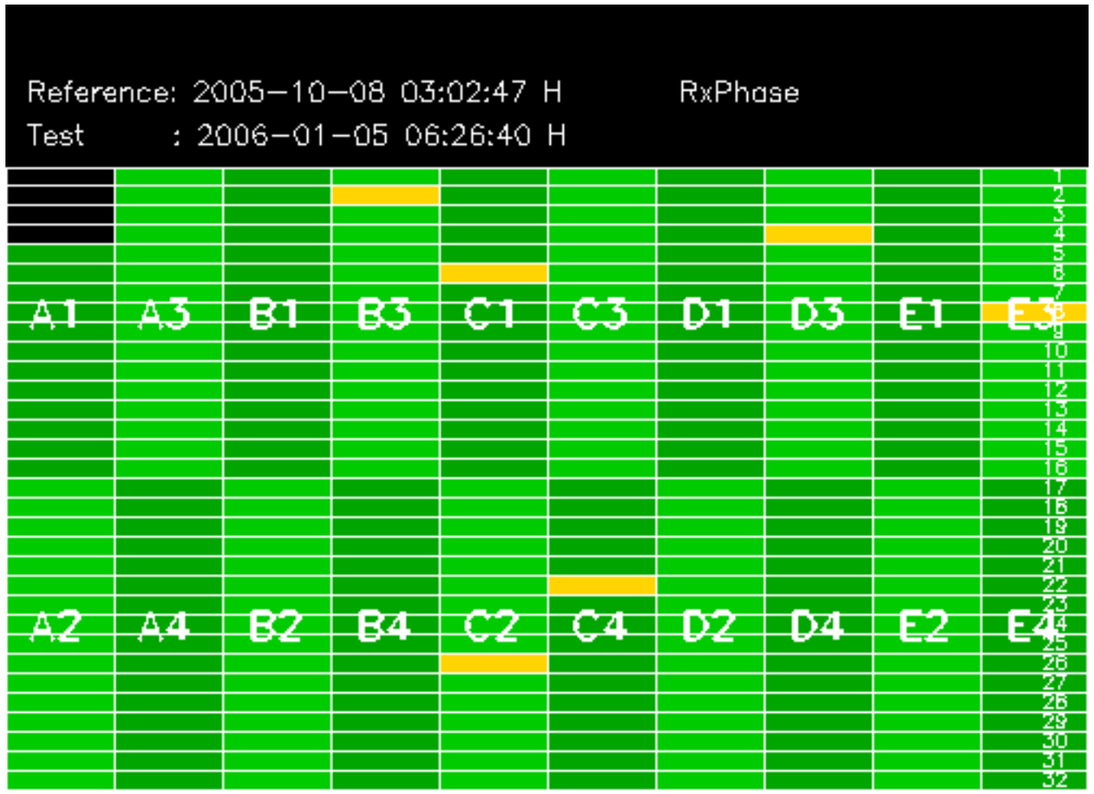

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-01-05 06:26:40 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-01-05 06:26:40 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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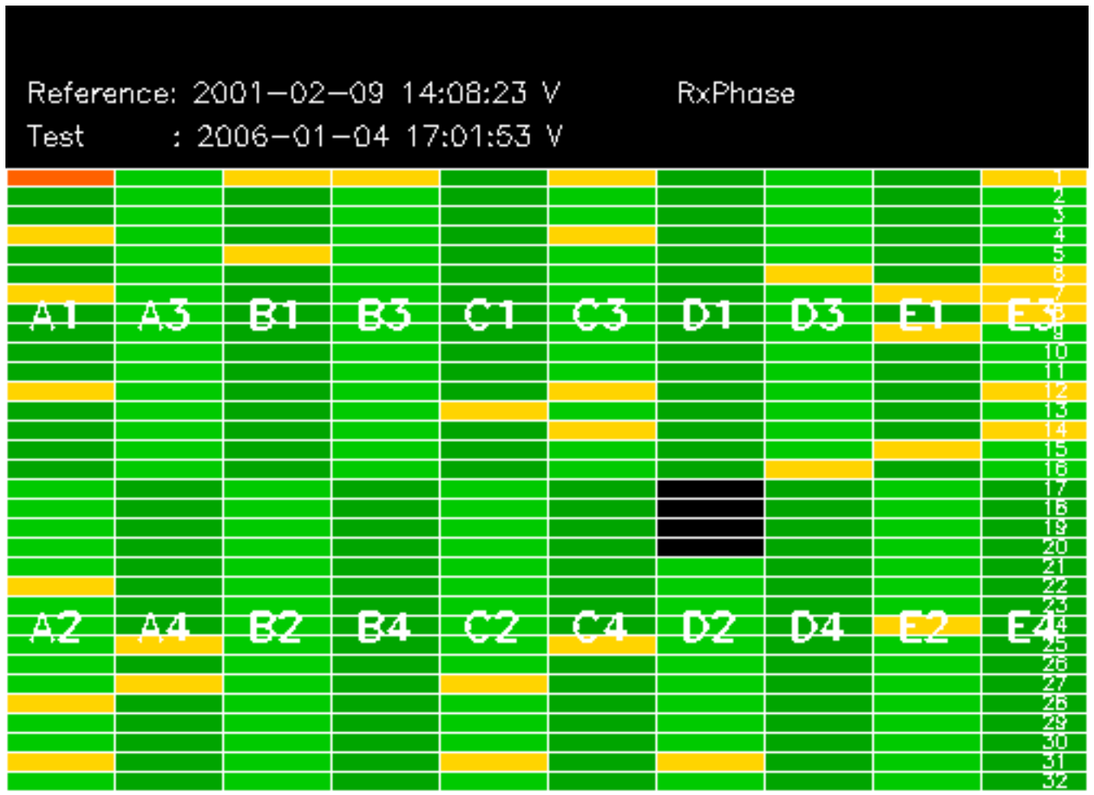
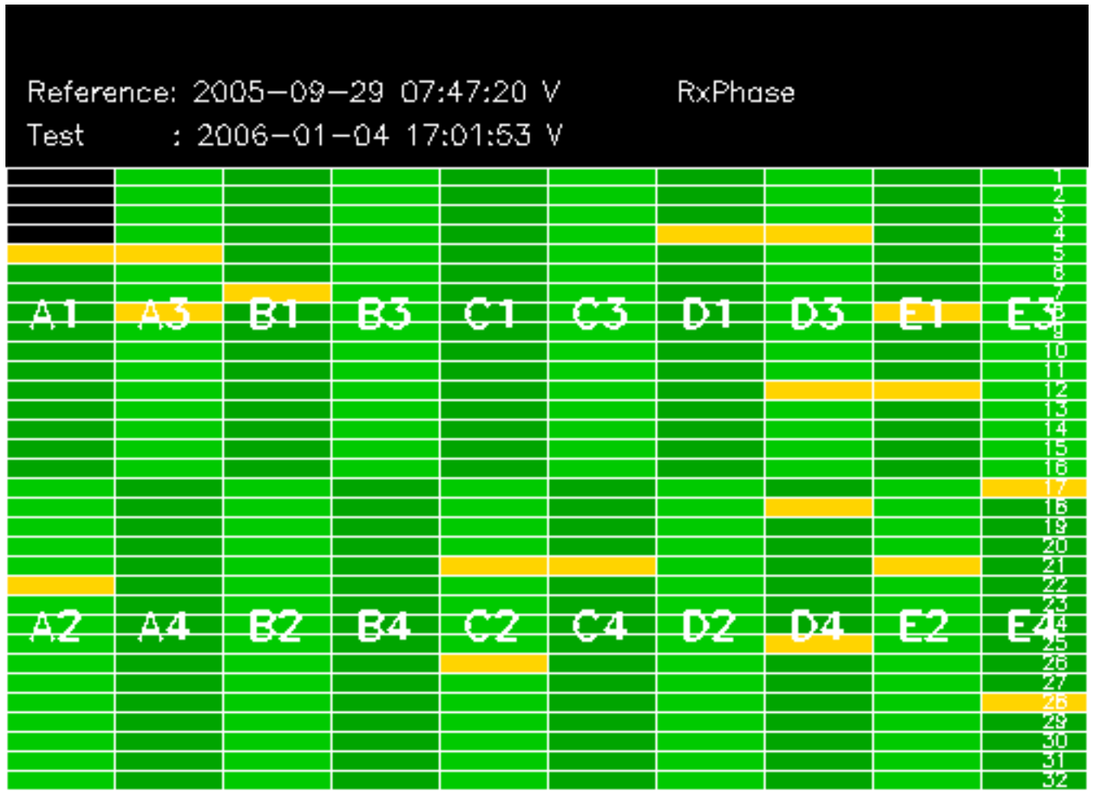

Reference: 2001-02-09 14:08:23 V
Test : 2006-01-04 17:01:53 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-01-04 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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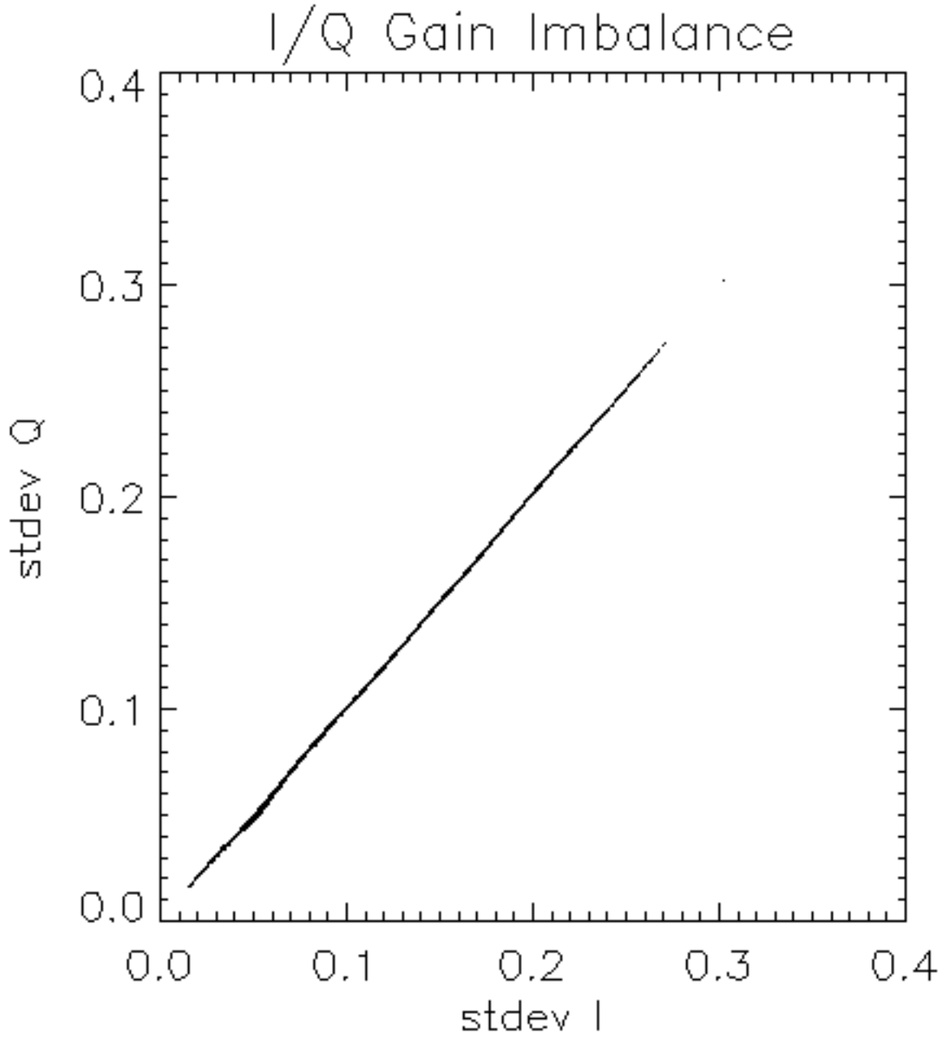
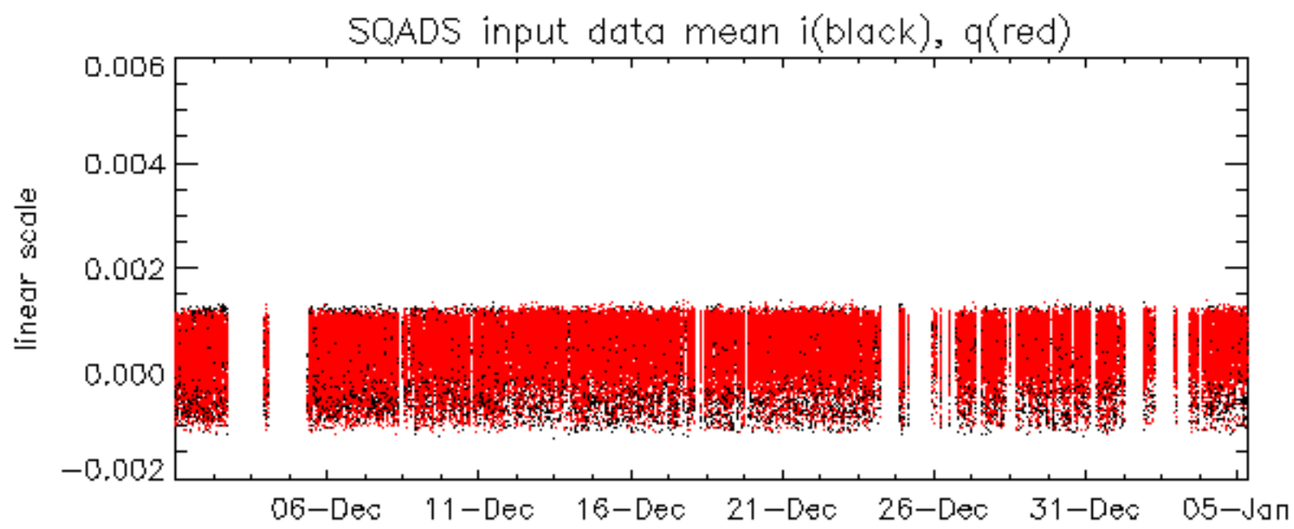
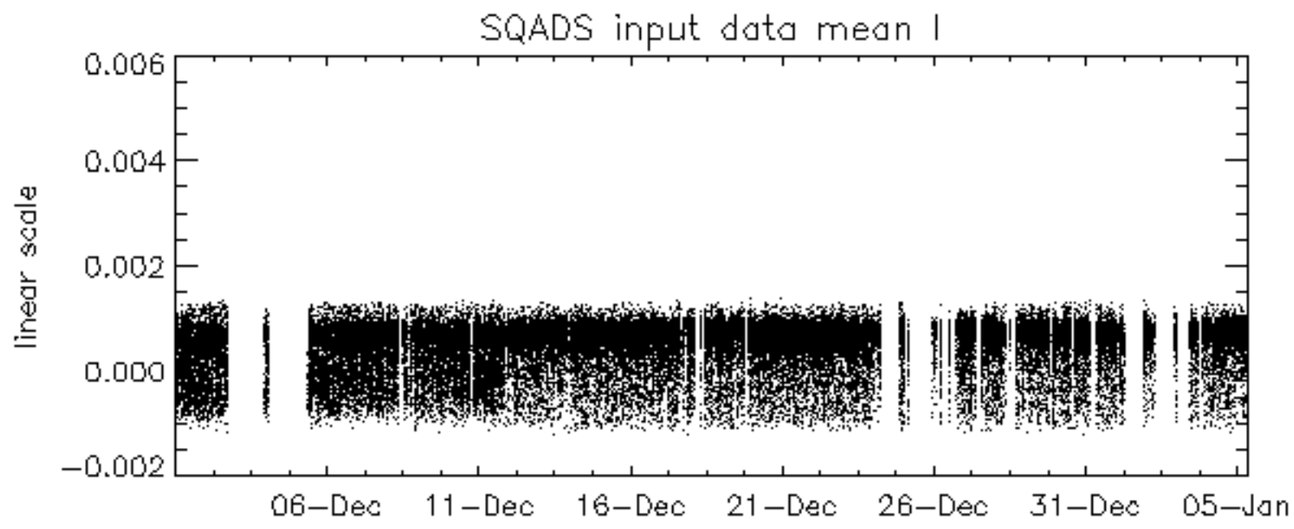
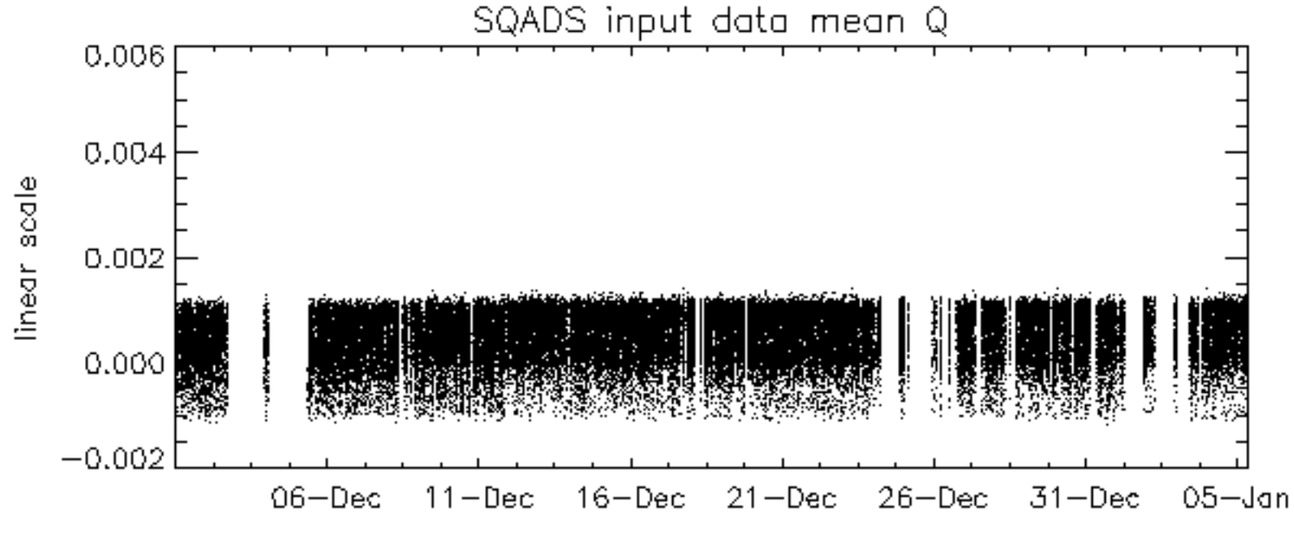
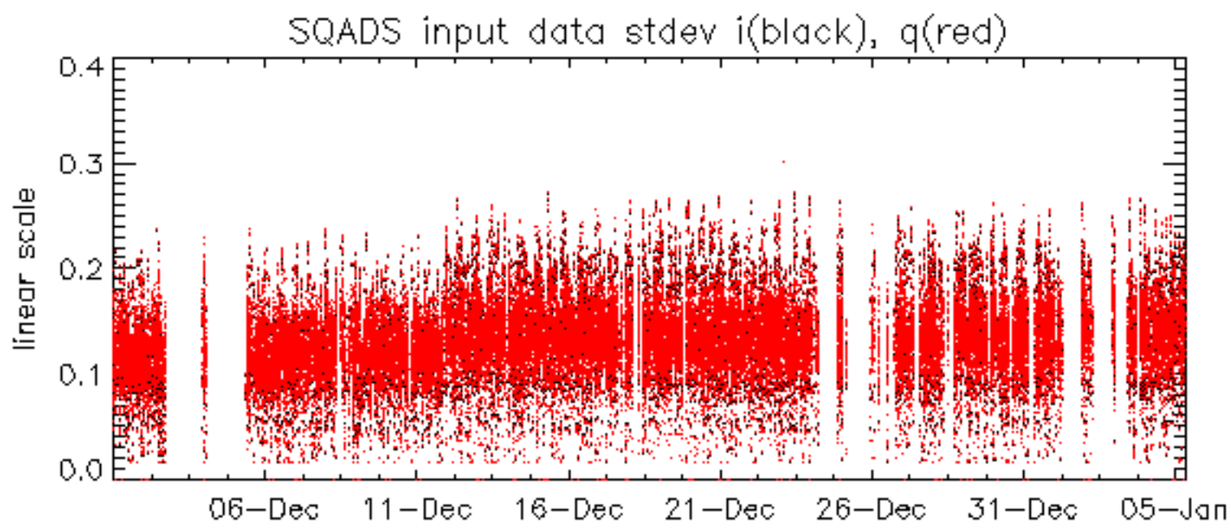
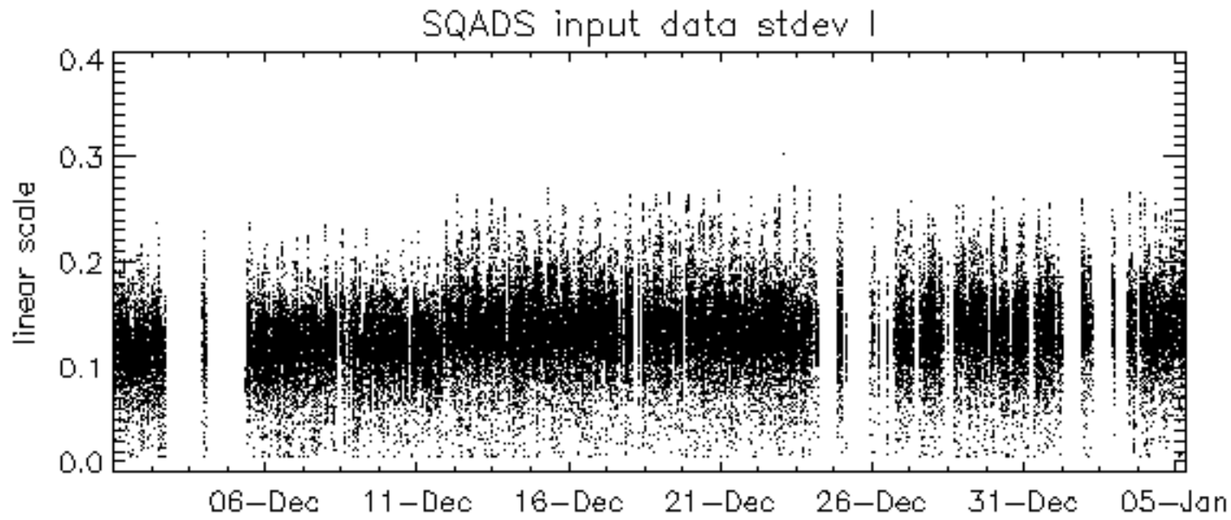

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

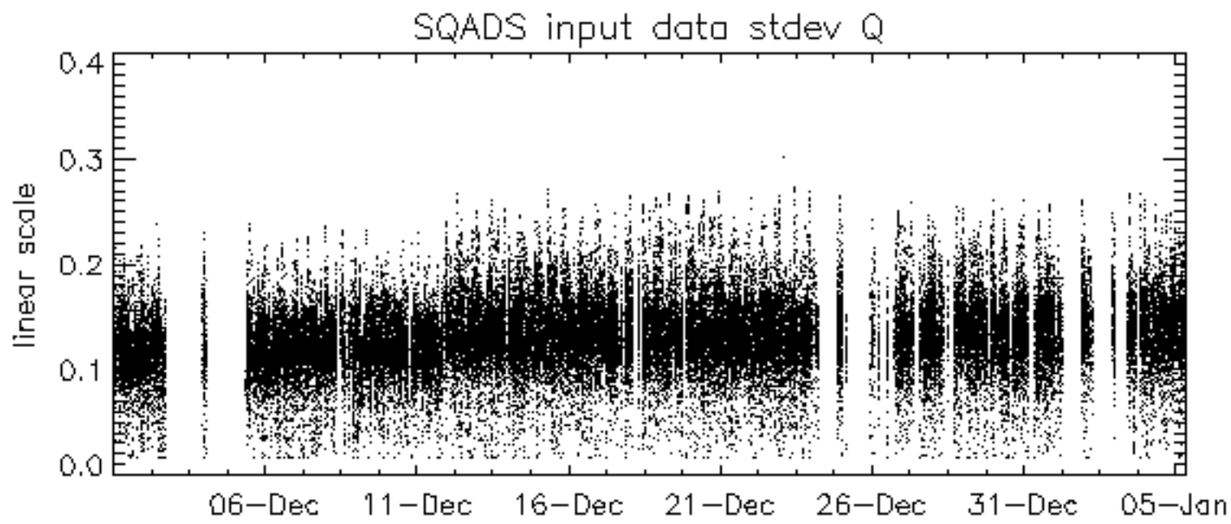

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
06−Dec
11−Dec
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan

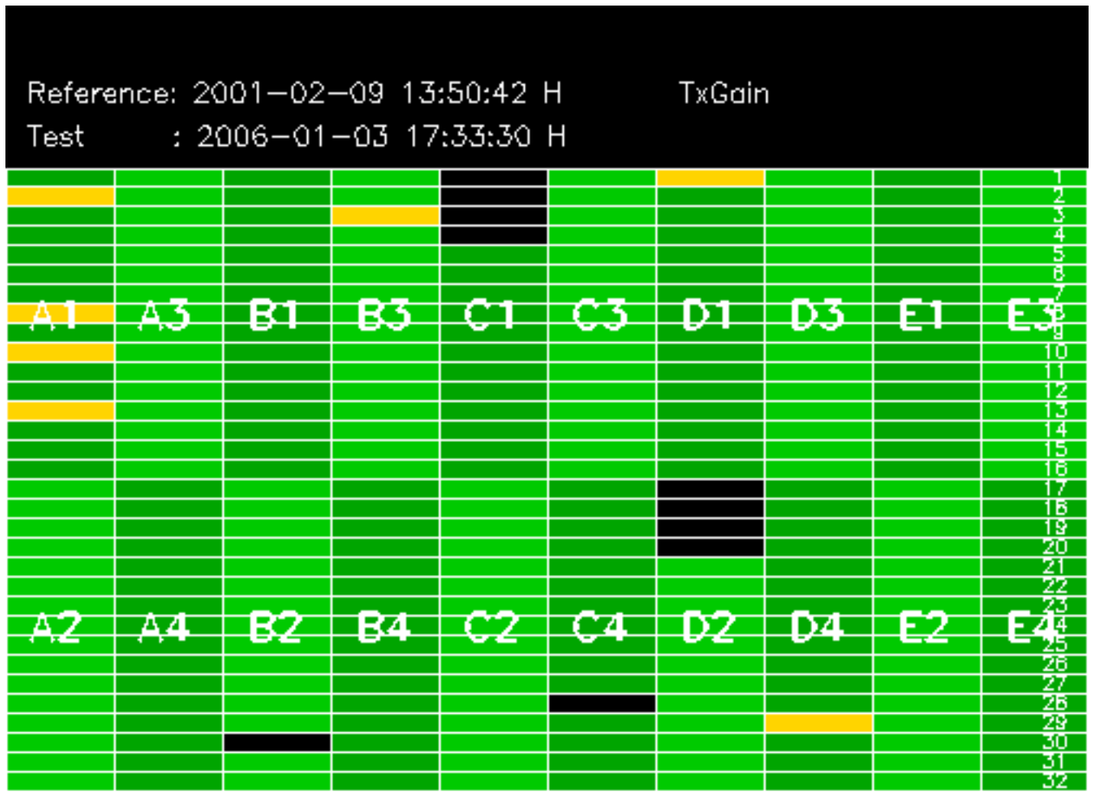

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
06−Dec
11−Dec
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan


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


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


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


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


Reference: 2001-02-09 13:50:42 H
Test : 2006-01-03 17:33:30 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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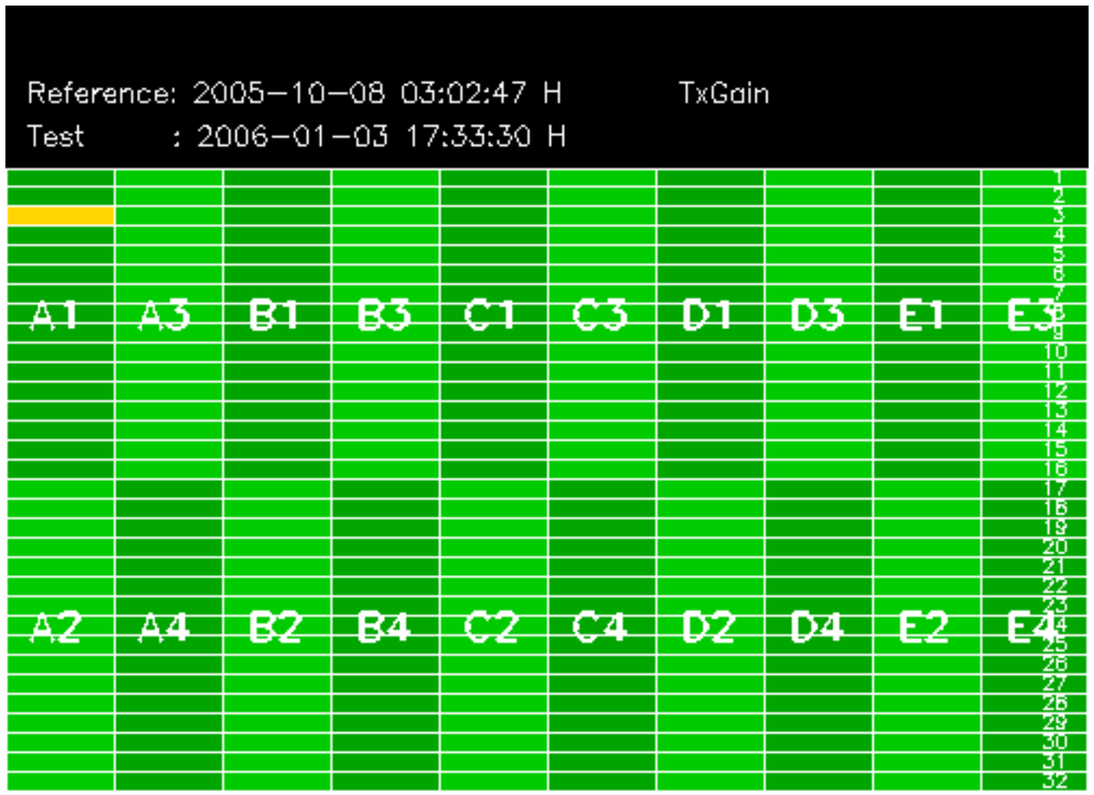
Reference: 2005-10-08 03:02:47 H
Test : 2006-01-03 17:33:30 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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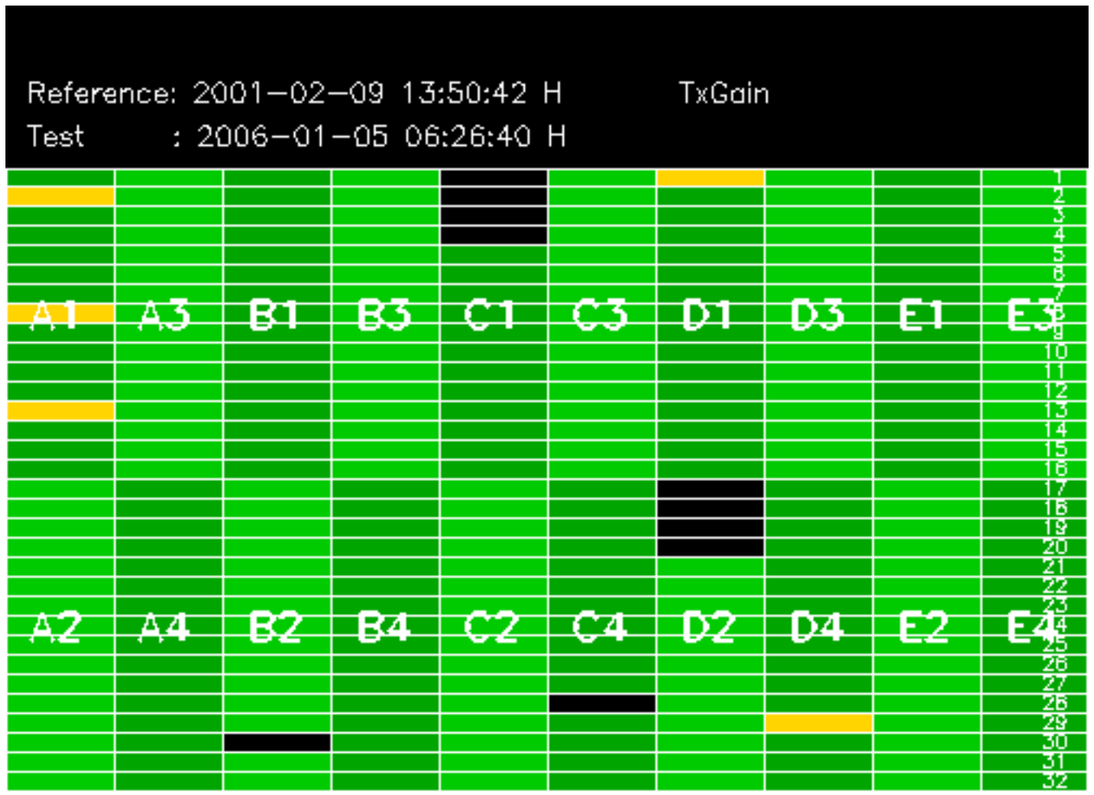
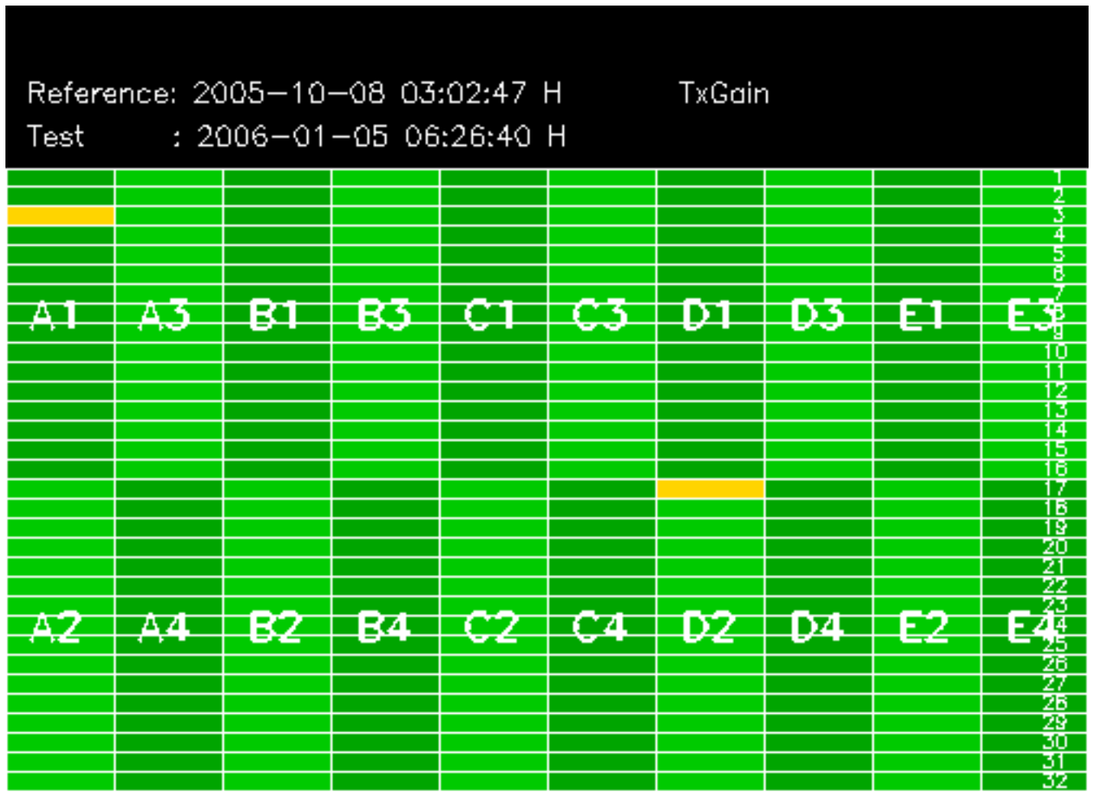

Reference: 2001-02-09 13:50:42 H
Test : 2006-01-05 06:26:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-01-05 06:26:40 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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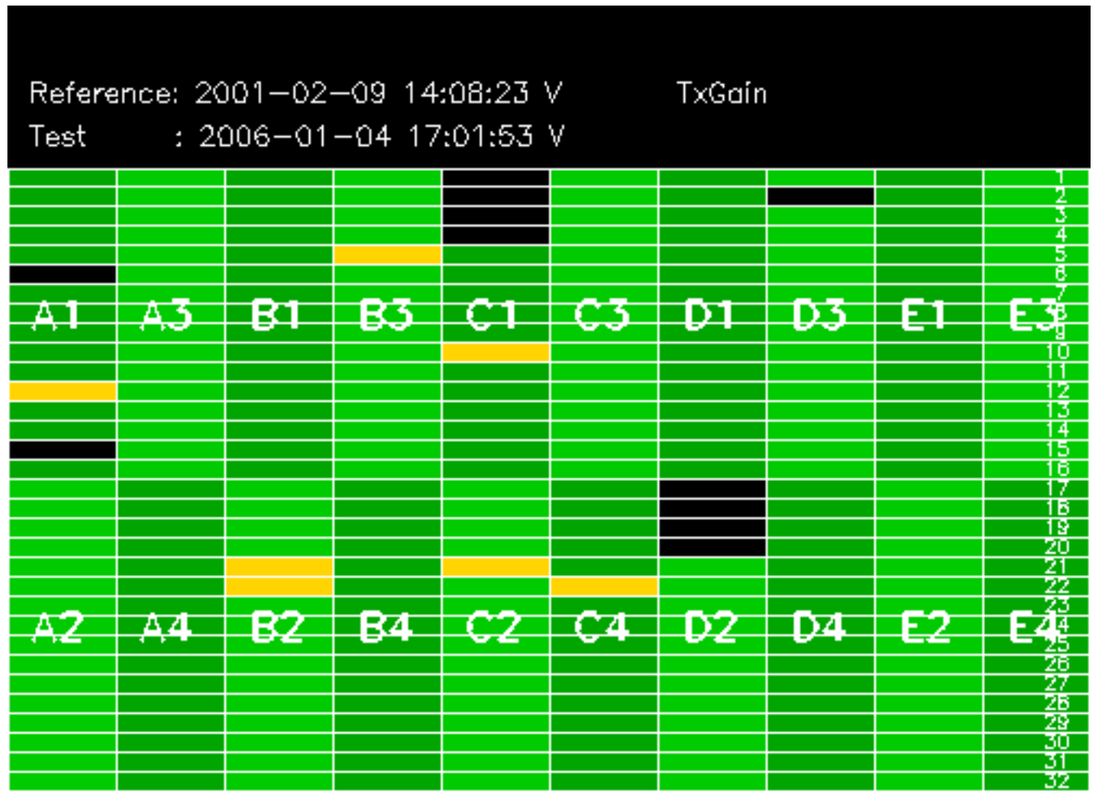
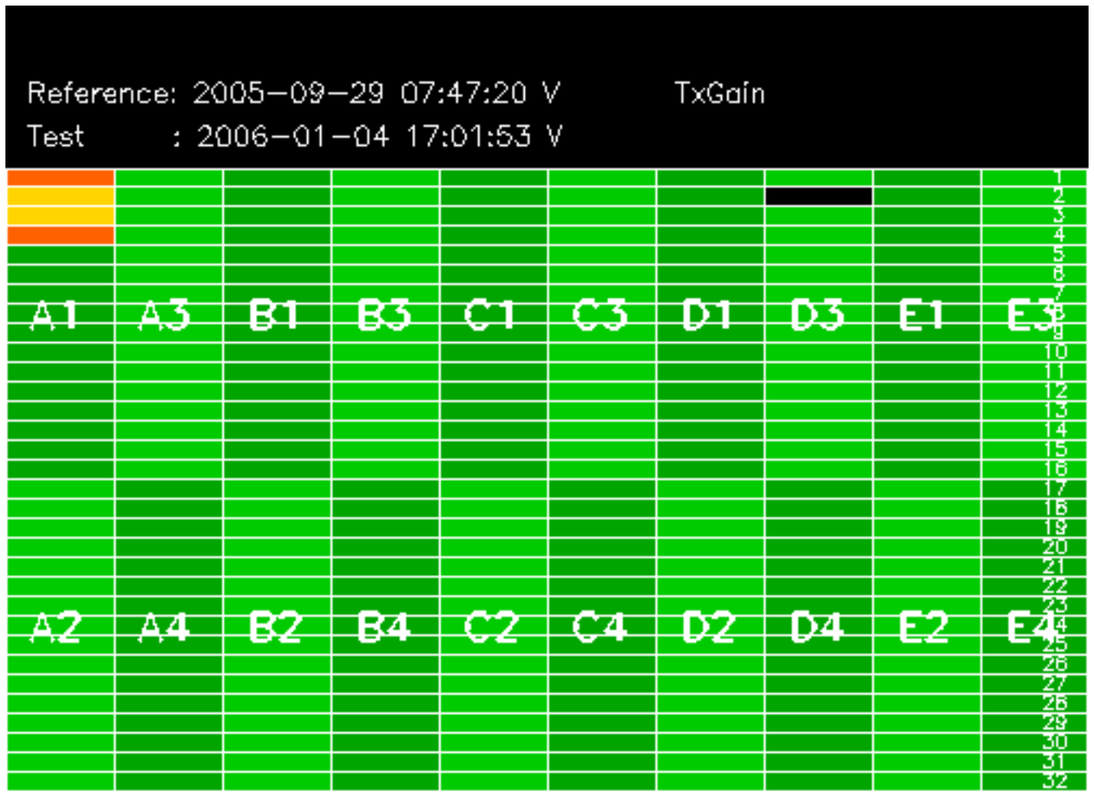

Reference: 2001-02-09 14:08:23 V
Test : 2006-01-04 17:01:53 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-01-04 17:01:53 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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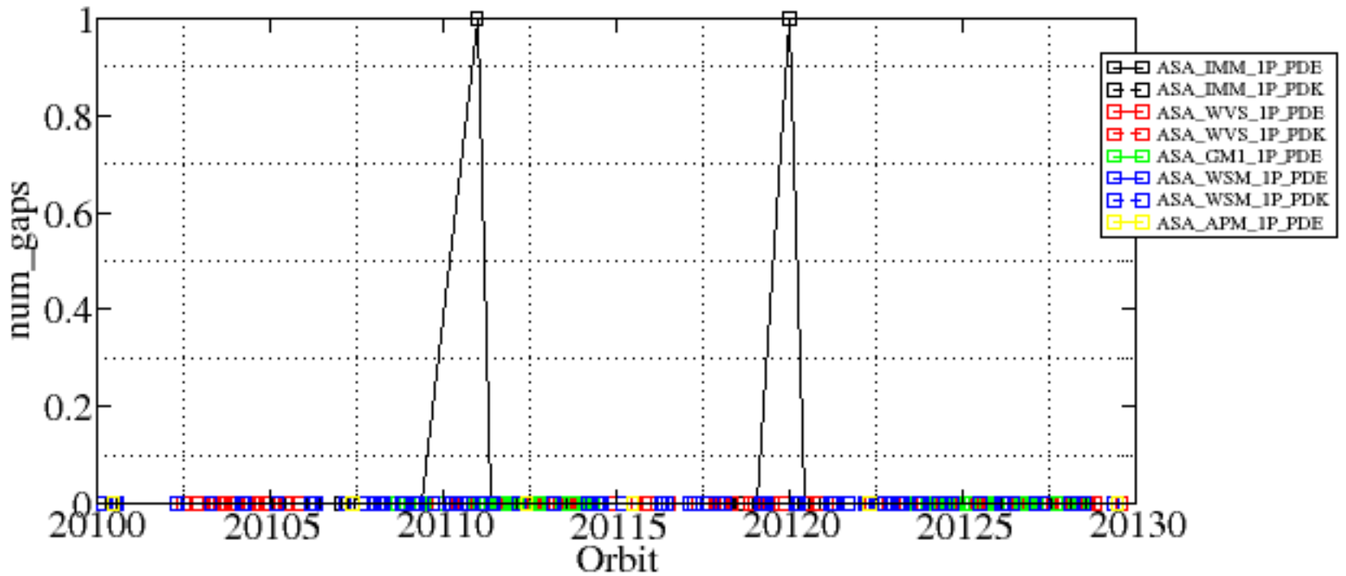
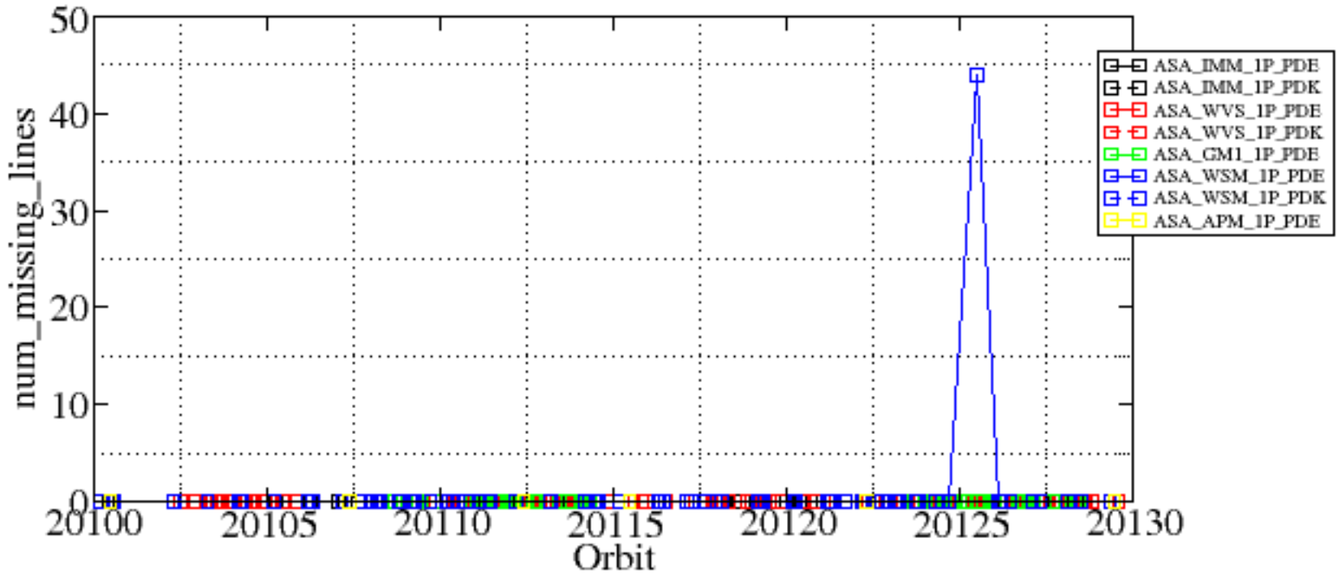
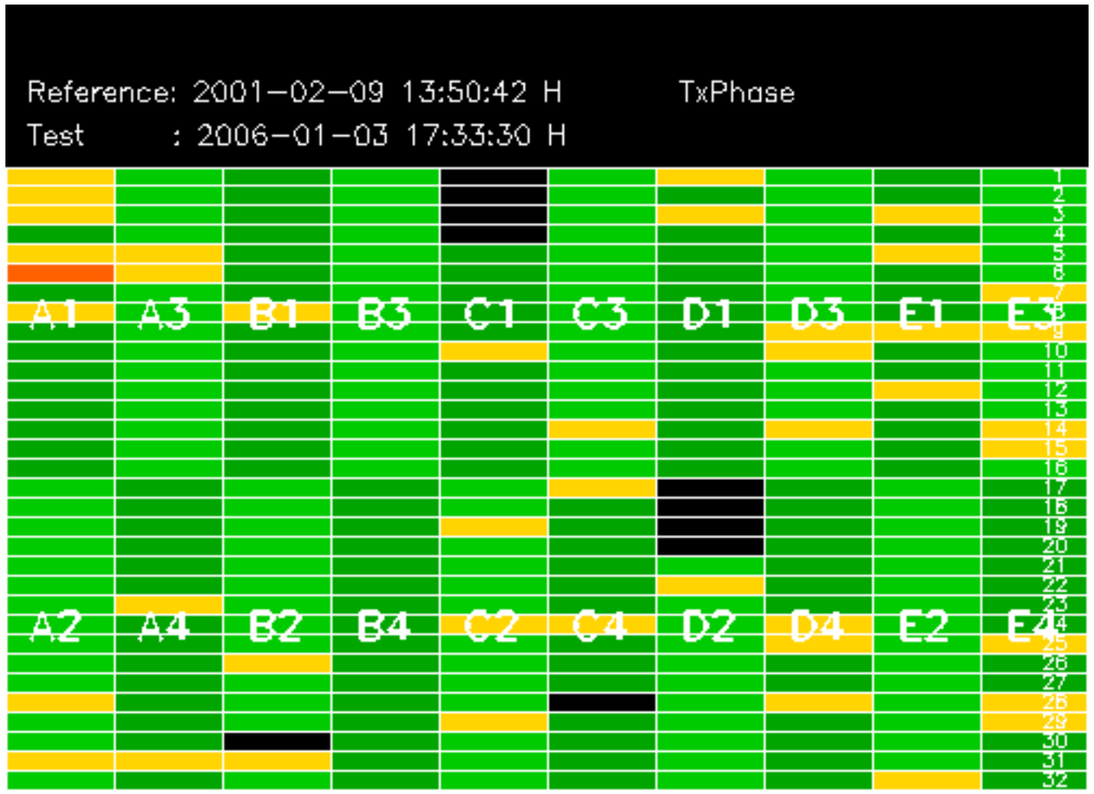
Summary of analysis for the last 3 days 2006010[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060104_004520_000001852044_00016_20110_5463.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20060104_155357_000000402044_00025_20119_5538.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060105_010633_000002812044_00031_20125_7017.N1 </td> <td>0 </td> <td>44 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
20100
20105
20110
20115
20120
20125
20130
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
Orbit
50
40
30
20
10
0
20100
20105
20110
20115
20120
20125
20130
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
TxPhase
Test : 2006-01-03 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
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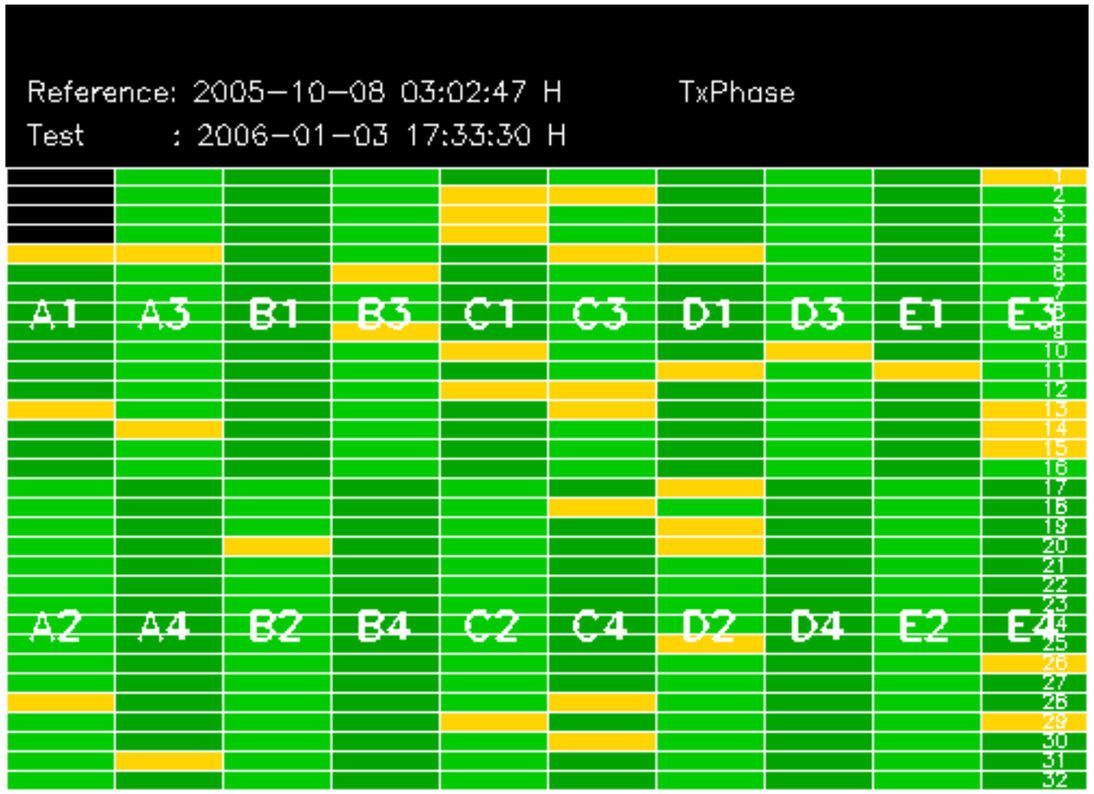
Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-01-03 17:33:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
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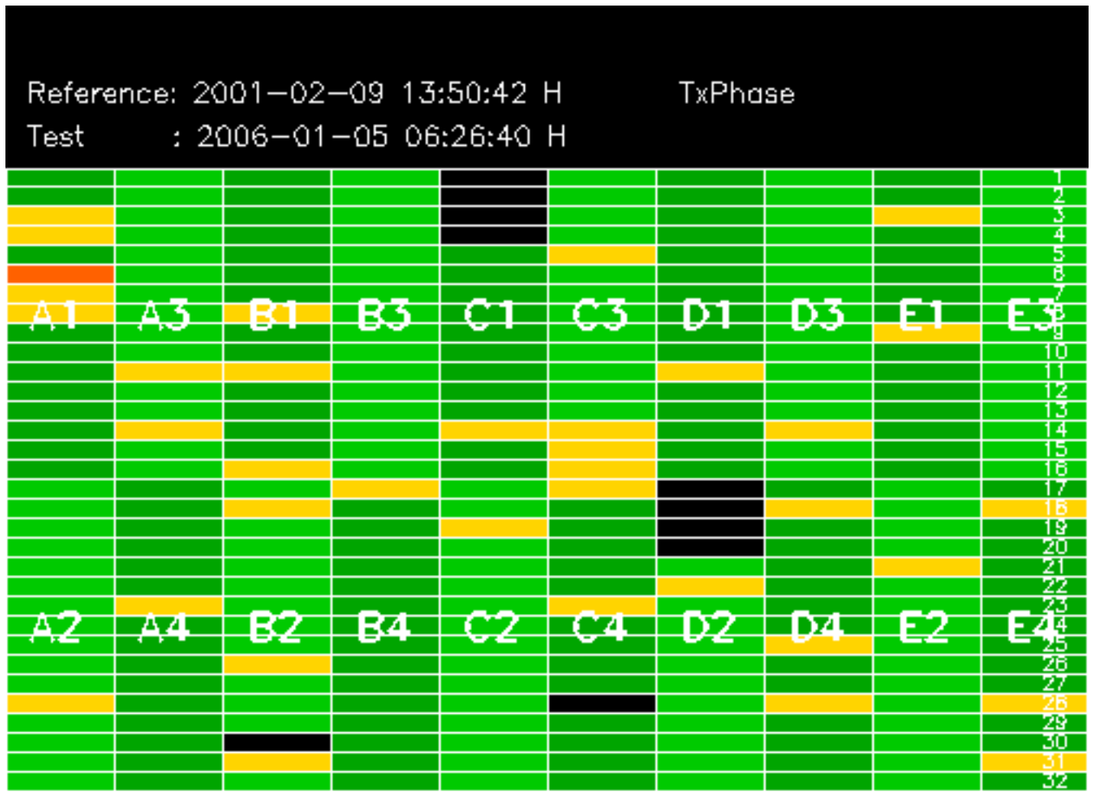
Reference: 2001-02-09 13:50:42 H
Test : 2006-01-05 06:26:40 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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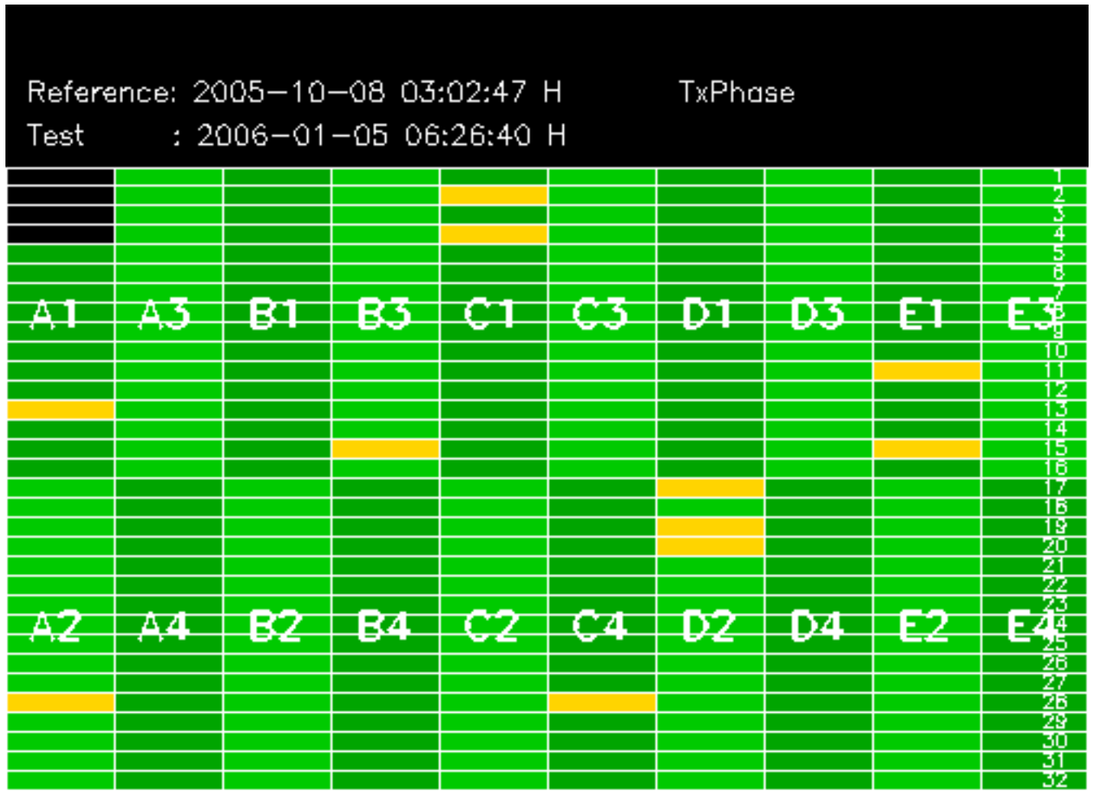
Reference: 2005-10-08 03:02:47 H
Test : 2006-01-05 06:26:40 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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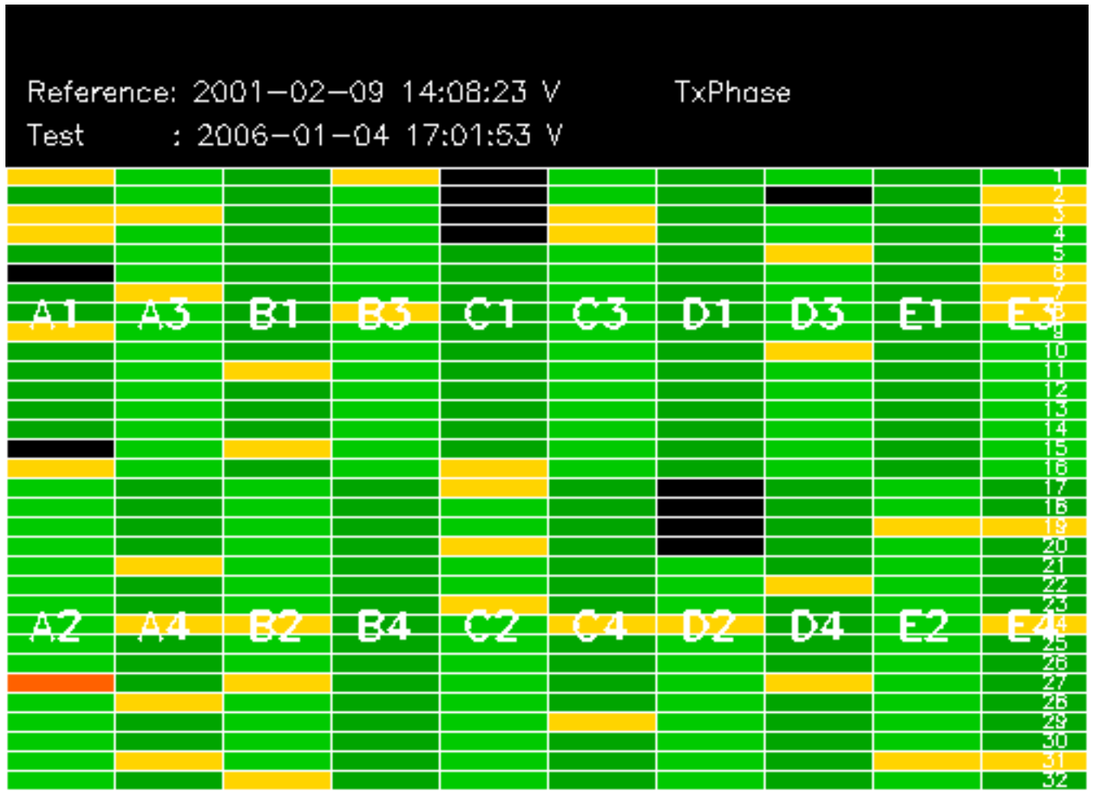
Reference: 2001-02-09 14:08:23 V
Test : 2006-01-04 17:01:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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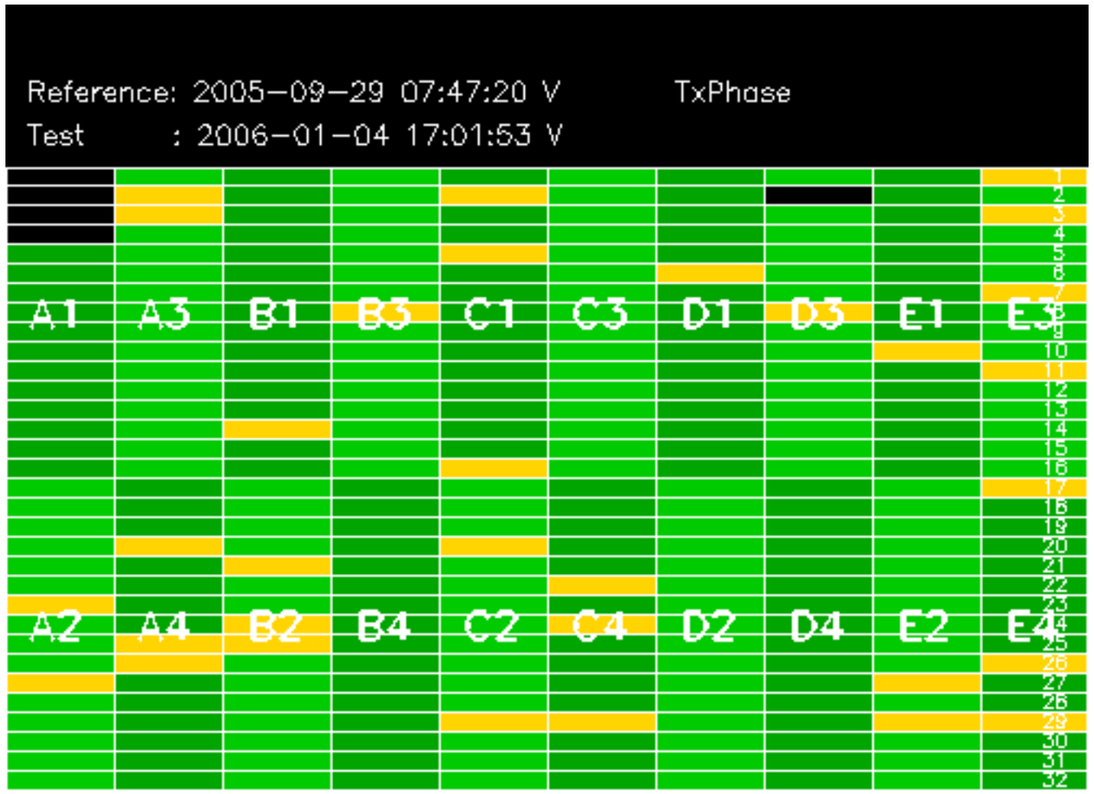
Reference: 2005-09-29 07:47:20 V
Test : 2006-01-04 17:01:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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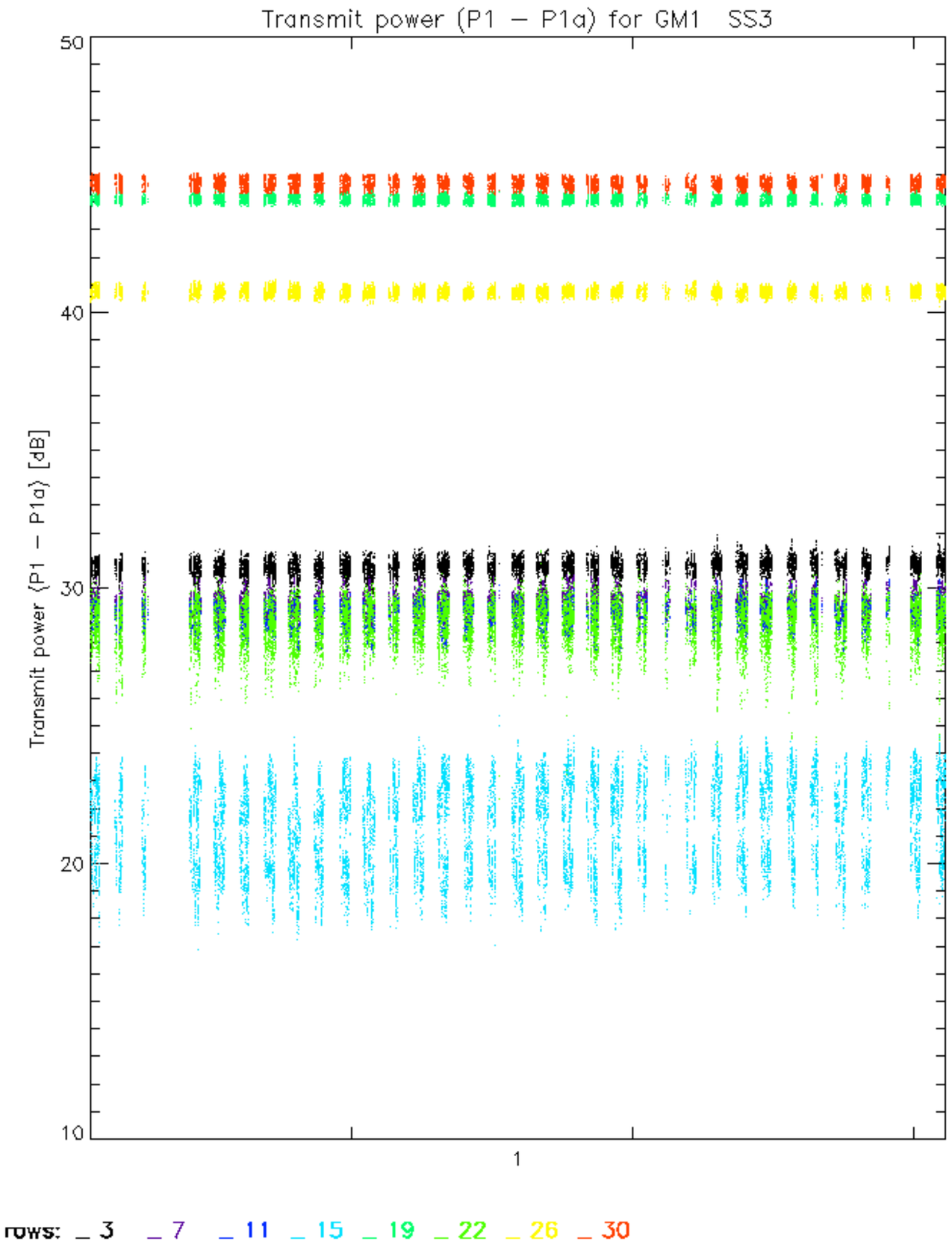
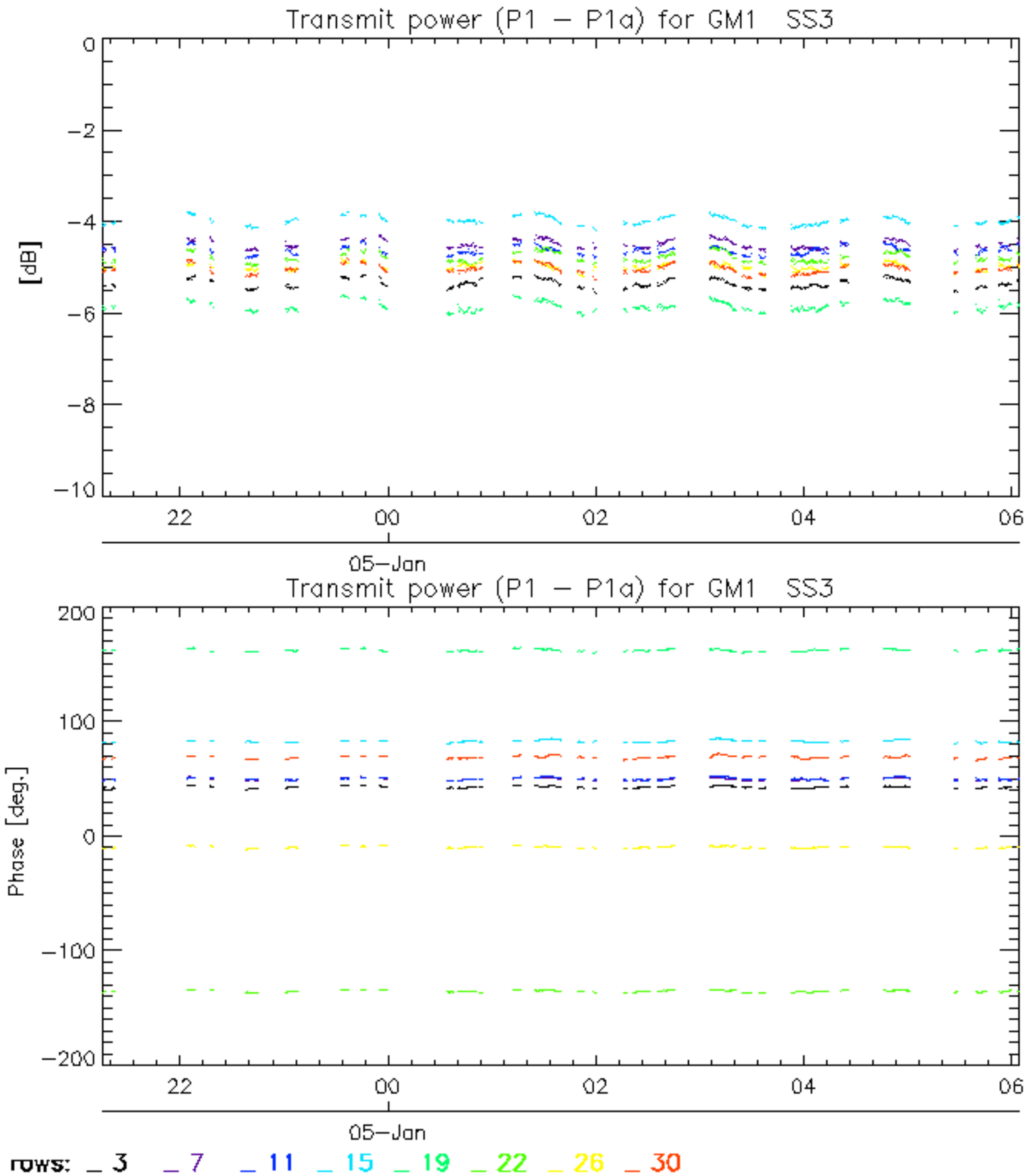
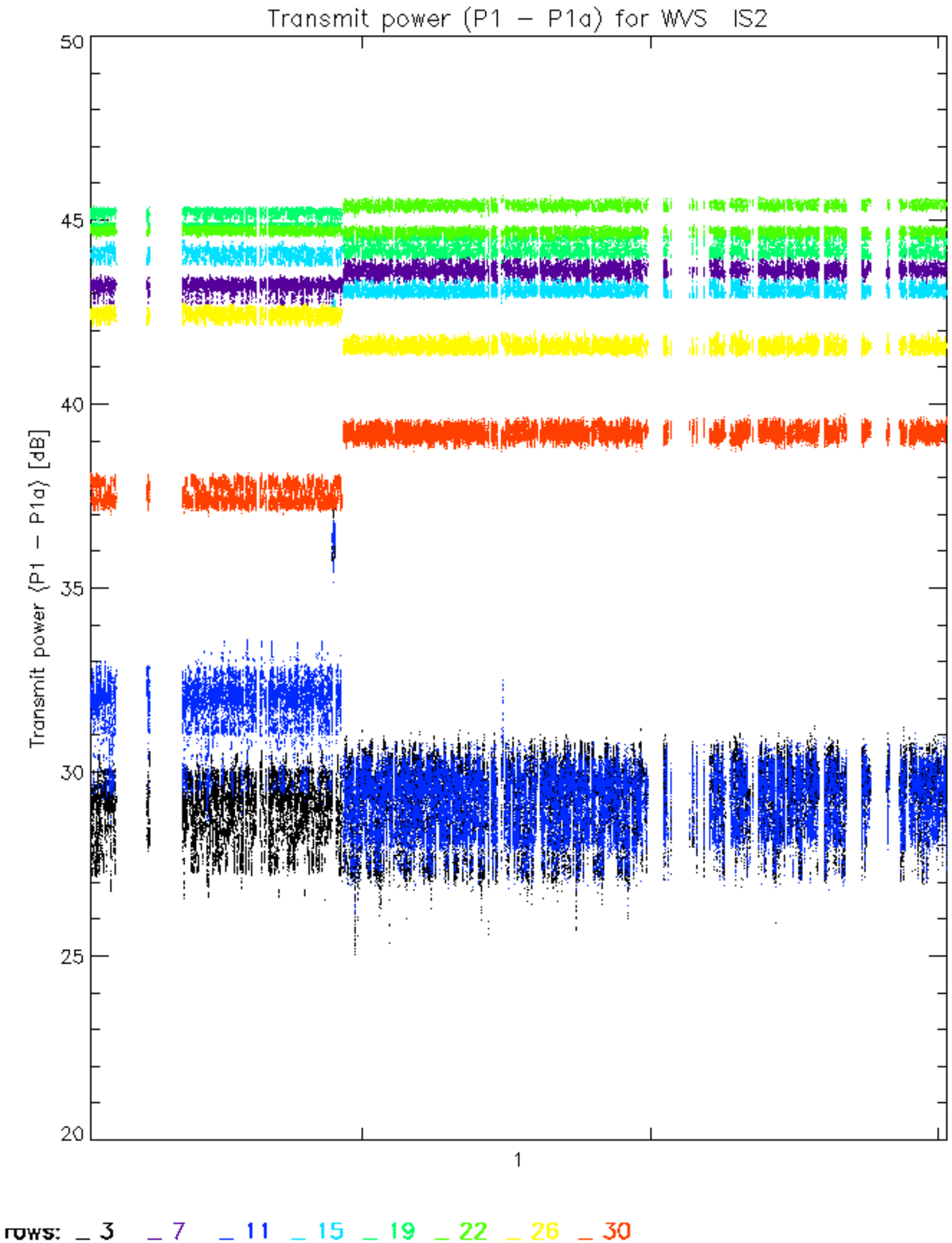
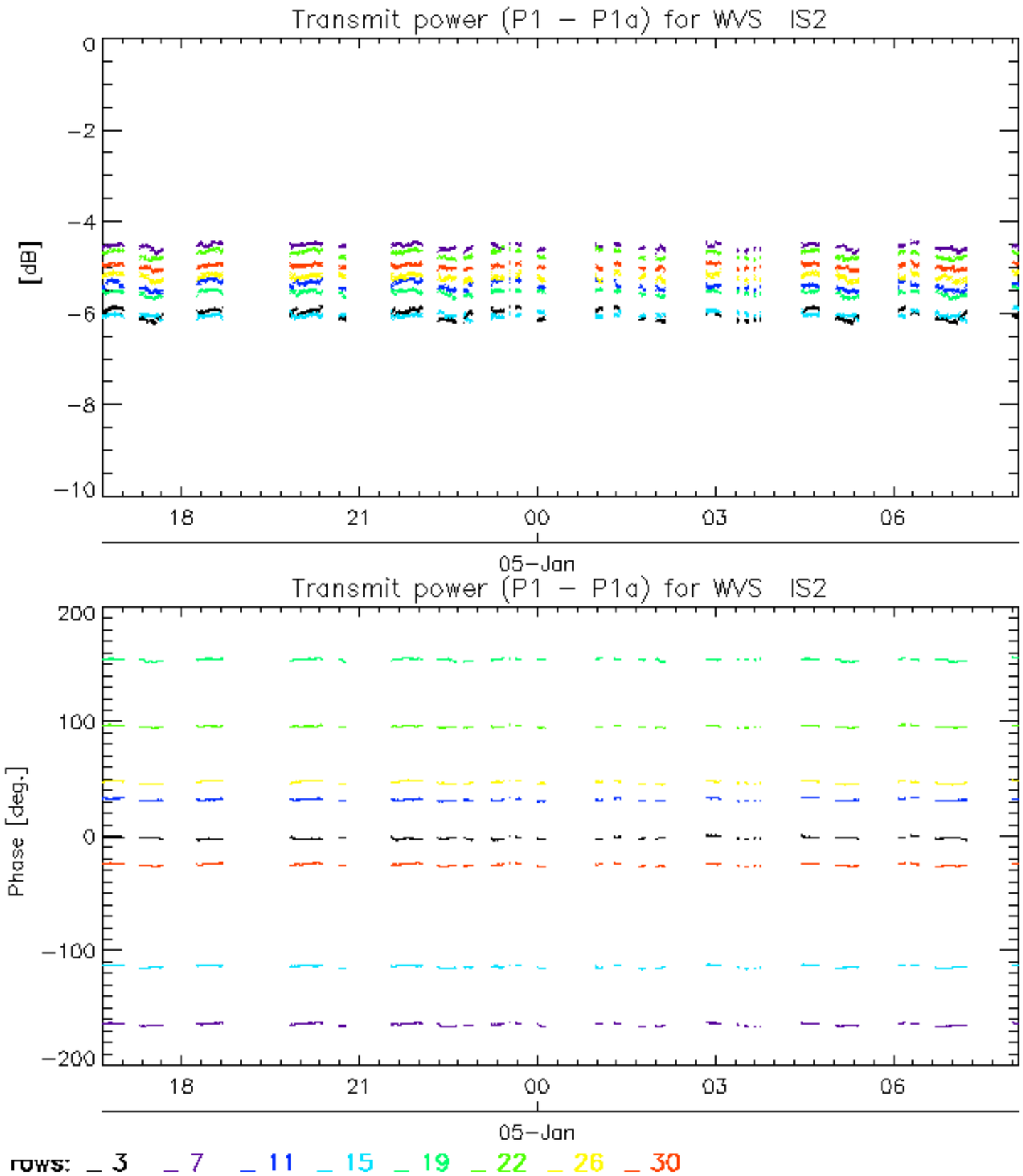

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
1
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
22
00
02
04
06
05–Jan
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
22
00
02
04
06
05–Jan
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
1
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
05–Jan
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
05–Jan
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.