PRELIMINARY REPORT OF 070115

last update on Mon Jan 15 16:29:31 GMT 2007

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 2007-01-14 00:00:00 to 2007-01-15 16:29:32

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_CON_AXVIEC20061107_090002_20050916_195733_20071231_000000	25	46	15	0	1
ASA_XCA_AXVIEC20061221_143253_20050916_195733_20071231_000000	25	46	15	0	1
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	25	46	15	0	1
ASA_INS_AXVIEC20061220_105425_20030211_000000_20071231_000000	25	46	15	0	1

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20061107_090002_20050916_195733_20071231_000000	45	42	61	4	37
ASA_XCA_AXVIEC20061221_143253_20050916_195733_20071231_000000	45	42	61	4	37
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	45	42	61	4	37
ASA_INS_AXVIEC20061220_105425_20030211_000000_20071231_000000	45	42	61	4	37

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	20070114 053207
H	20070115 050030

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
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☒	☒
☒	☒
☒	☒

4 - Internal calibration Results

No anomalies observed.

4.1 - Daily statistics

4.1.1 - Evolution for WVS

Evolution of cal pulses for WVS
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4.1.2 - Evolution for GM1

Evolution of cal pulses for GM1
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☒

4.2 - Cyclic statistics

4.2.1 - Evolution for WVS

Evolution of cal pulses for WVS
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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	-3.964294	0.007427	-0.007257
7	P1	-3.137853	0.048584	0.006149
11	P1	-4.116691	0.025236	-0.007997
15	P1	-6.334665	0.016452	-0.018797
19	P1	-3.682812	0.006010	-0.049346
22	P1	-4.677089	0.016235	-0.030581
26	P1	-3.953396	0.009817	0.004378
30	P1	-5.915706	0.008698	-0.023751
3	P1	-16.525602	0.255574	0.053545
7	P1	-17.271599	0.184731	0.031052
11	P1	-17.267683	0.456395	-0.100577
15	P1	-13.039794	0.126798	0.011515
19	P1	-15.080231	0.111017	-0.093777
22	P1	-15.808394	0.553401	0.075592
26	P1	-15.028185	0.186603	-0.036886
30	P1	-17.538349	0.497624	-0.019949

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-20.786654	0.090134	0.005585
7	P2	-21.671438	0.088176	0.039501
11	P2	-15.534177	0.099505	0.018878
15	P2	-7.093671	0.103504	0.012624
19	P2	-9.174898	0.097125	0.029581
22	P2	-18.223806	0.089985	-0.009417
26	P2	-16.595507	0.102703	0.003032
30	P2	-19.436329	0.084613	0.026339

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.237038	0.008482	-0.016924
7	P3	-8.237038	0.008482	-0.016924
11	P3	-8.237038	0.008482	-0.016924
15	P3	-8.237038	0.008482	-0.016924
19	P3	-8.237038	0.008482	-0.016924
22	P3	-8.237038	0.008482	-0.016924
26	P3	-8.237059	0.008482	-0.016859
30	P3	-8.237059	0.008482	-0.016859

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	-3.920034	0.013984	-0.010069
7	P1	-2.474120	0.072750	0.024064
11	P1	-2.829984	0.015797	0.034162
15	P1	-3.709686	0.032317	-0.041828
19	P1	-3.550744	0.018916	-0.039393
22	P1	-5.004627	0.022804	0.020200
26	P1	-6.041183	0.026055	-0.052233
30	P1	-5.348587	0.037596	-0.043330
3	P1	-11.723571	0.079105	0.003174
7	P1	-10.038894	0.091472	0.088574
11	P1	-10.360659	0.091823	-0.008653
15	P1	-10.737581	0.156862	-0.015868
19	P1	-15.745609	0.107525	-0.110098
22	P1	-21.534512	1.461543	0.178349
26	P1	-15.976169	0.319309	0.161835
30	P1	-17.922033	0.372165	-0.157001

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.429523	0.097828	0.055701
7	P2	-22.185711	0.243207	0.023788
11	P2	-10.834528	0.101323	0.017631
15	P2	-4.959652	0.203231	0.012157
19	P2	-6.945121	0.212543	0.005204
22	P2	-8.233971	0.123001	-0.015053
26	P2	-24.342407	0.157815	-0.047012
30	P2	-21.906019	0.129044	0.058659

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.087331	0.003318	-0.010029
7	P3	-8.087033	0.003300	-0.009327
11	P3	-8.087273	0.003319	-0.009498
15	P3	-8.087128	0.003310	-0.010510
19	P3	-8.087184	0.003318	-0.009807
22	P3	-8.087049	0.003325	-0.010479
26	P3	-8.087401	0.003322	-0.009850
30	P3	-8.087176	0.003301	-0.009275

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

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4.3.2 - Evolution for GM1

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5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000567913
	stdev	1.65185e-07
MEAN Q	mean	0.000507082
	stdev	2.12551e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.140117
	stdev	0.00117438
STDEV Q	mean	0.140515
	stdev	0.00119414

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2007011[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_1PNPDE20070113_024624_000001482054_00361_25465_5301.N1	1	1
ASA_IMM_1PNPDE20070113_182645_000000352054_00371_25475_5884.N1	0	17
ASA_GM1_1PNPDK20070115_091257_000003202054_00394_25498_7135.N1	0	7

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
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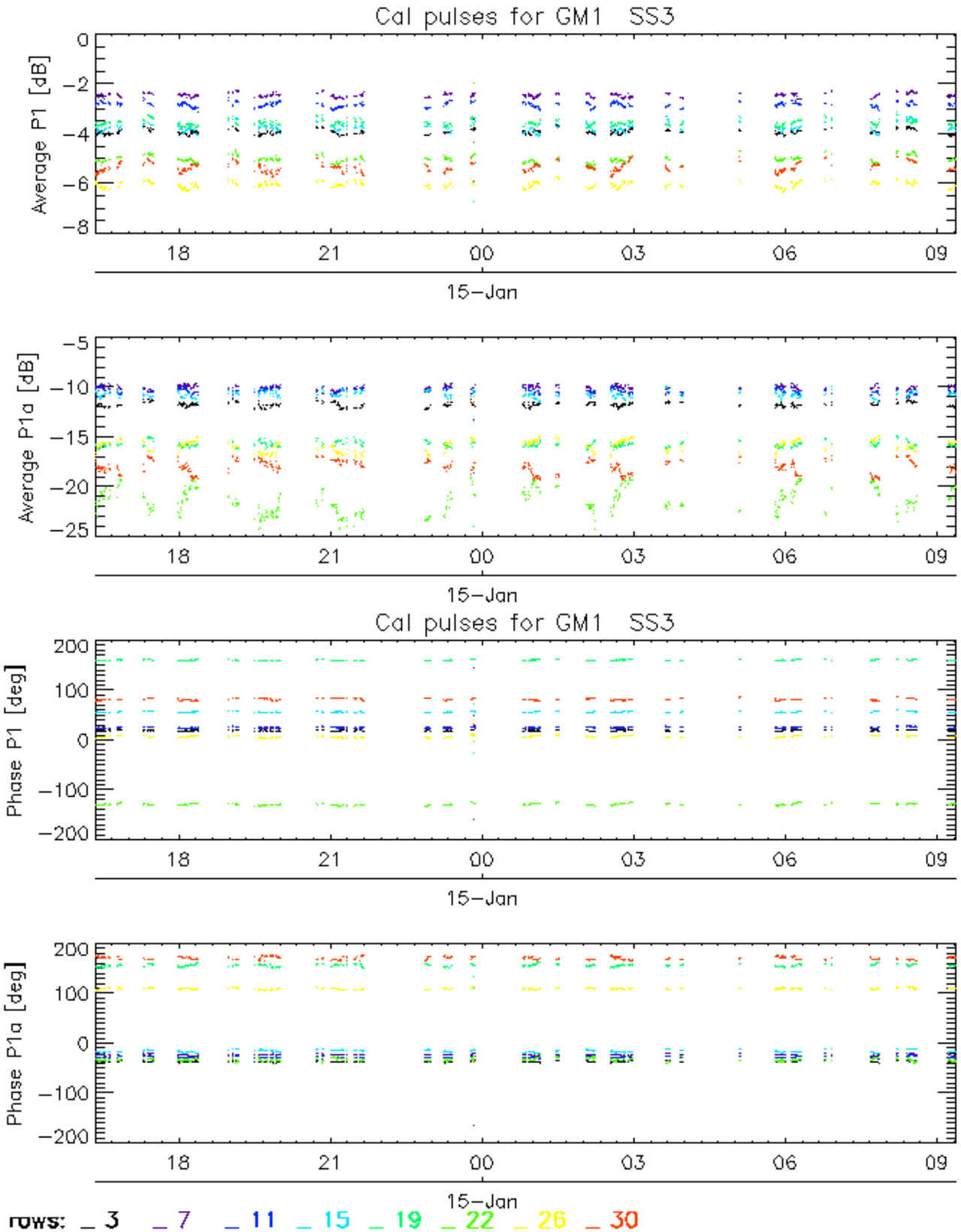
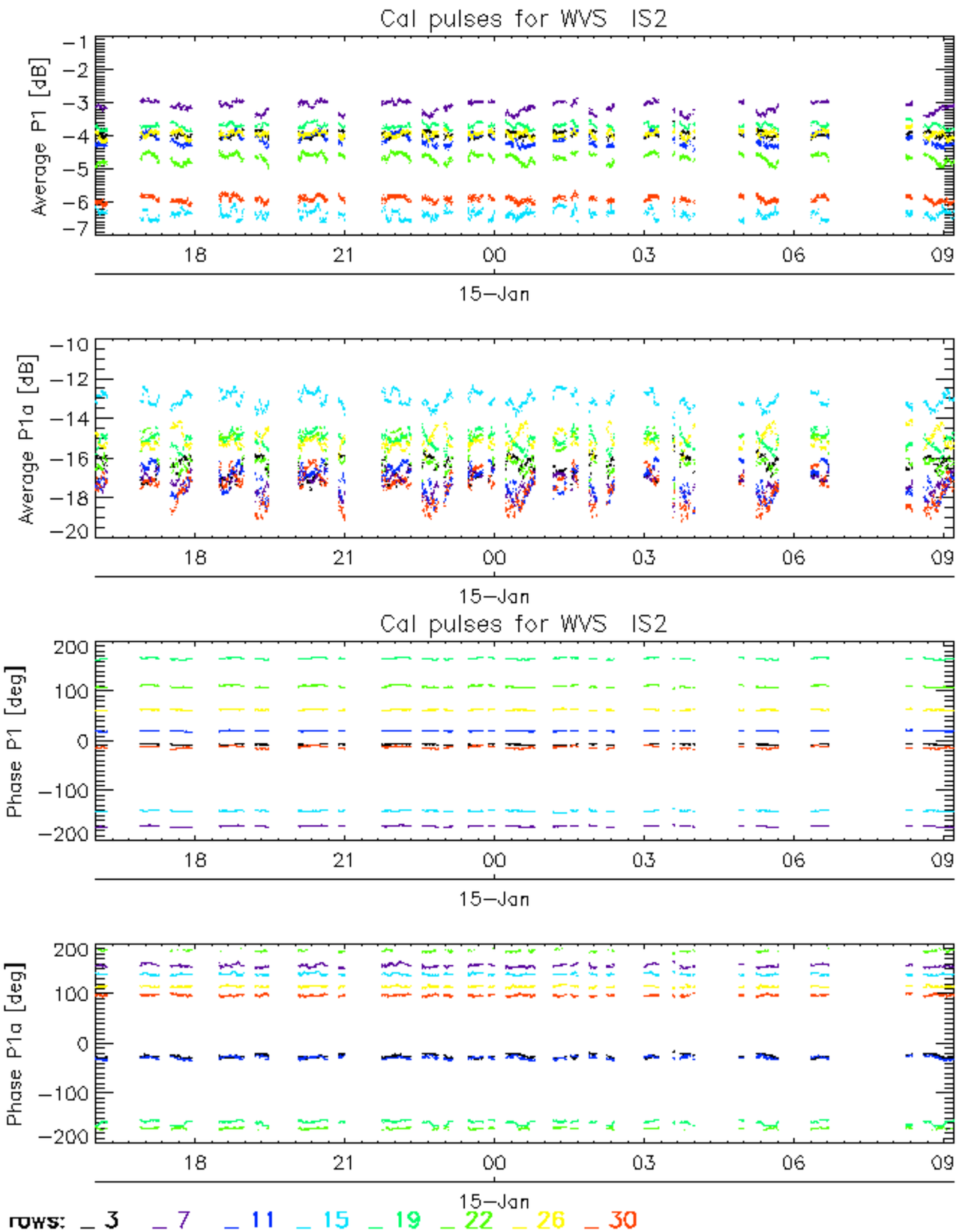
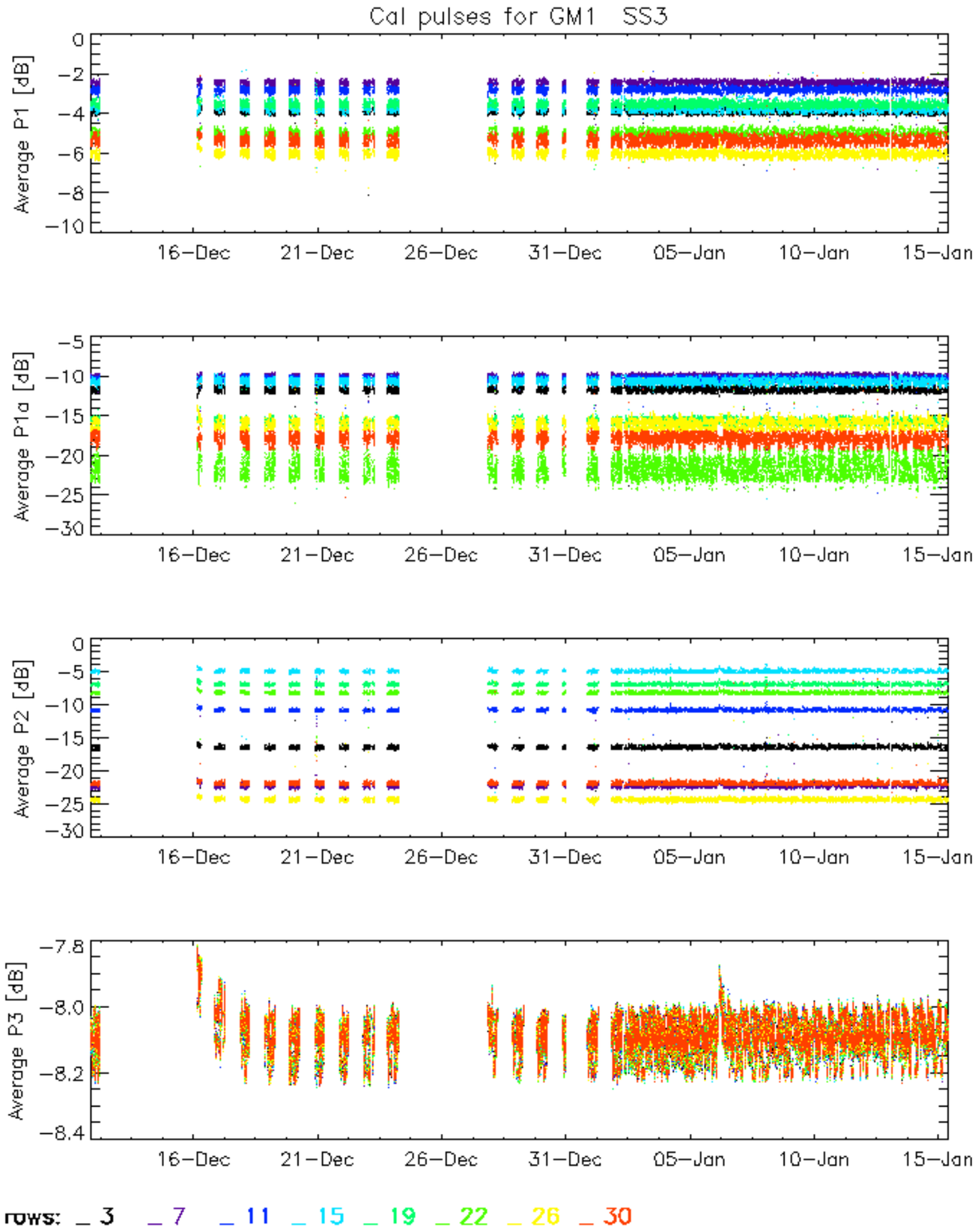
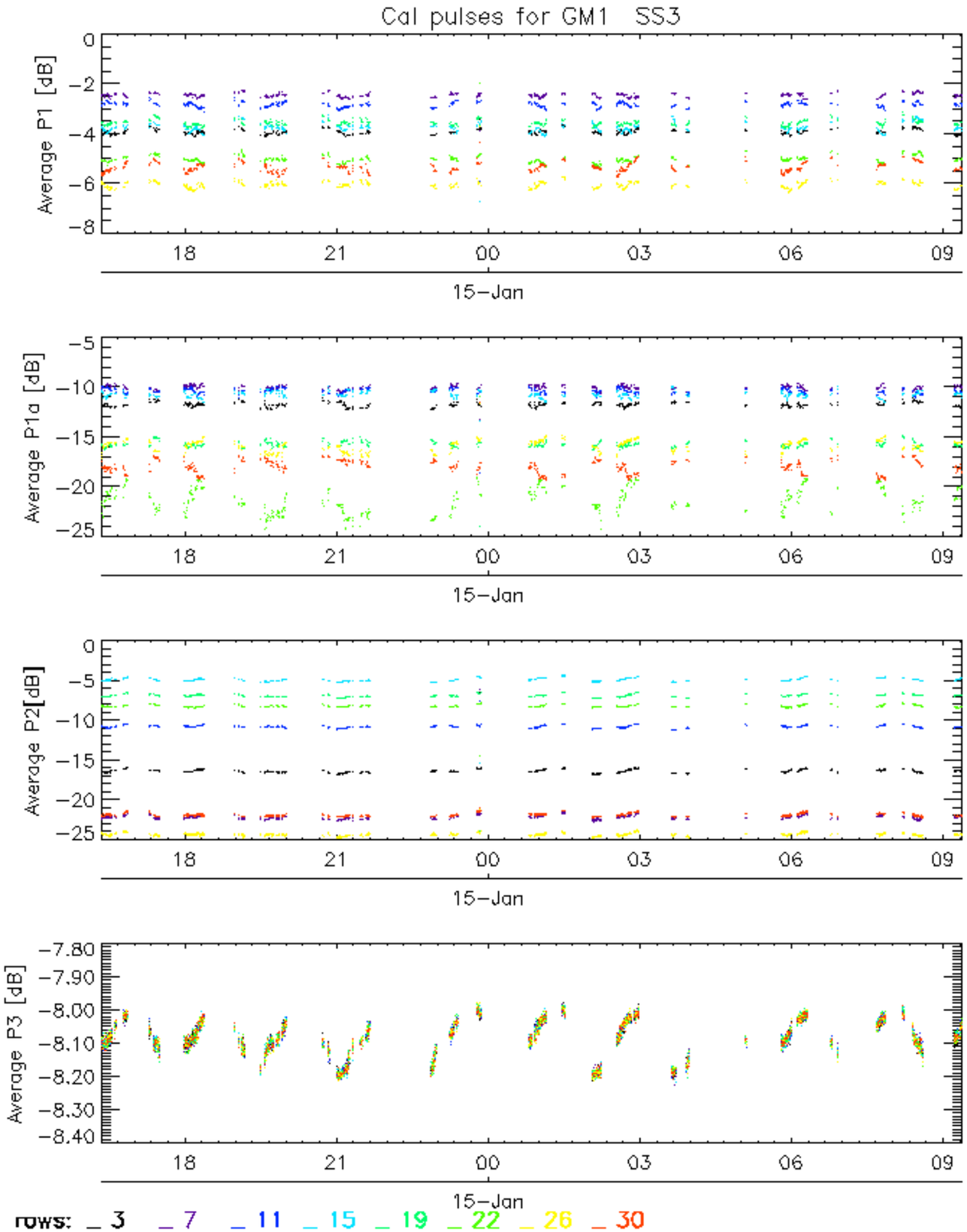
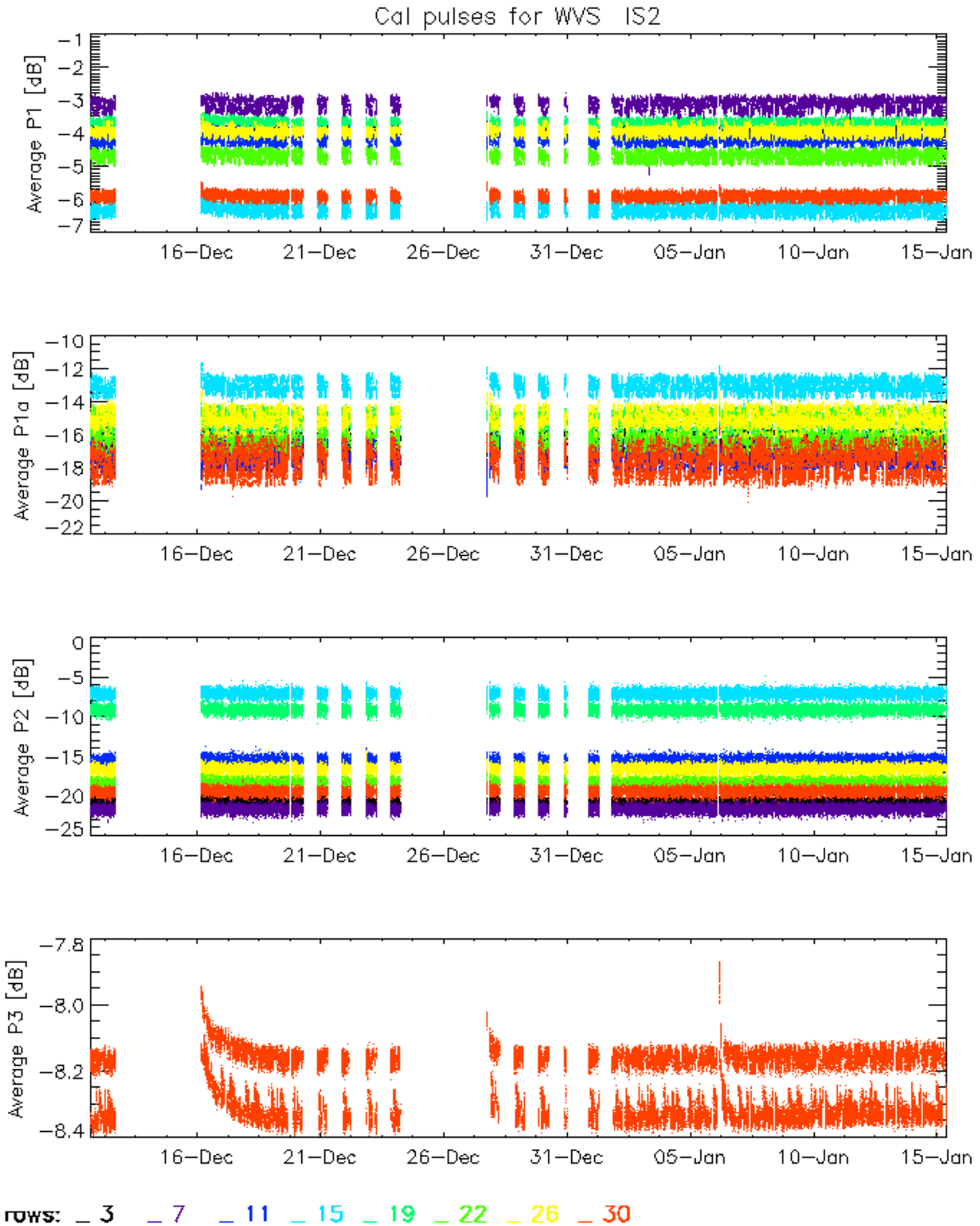
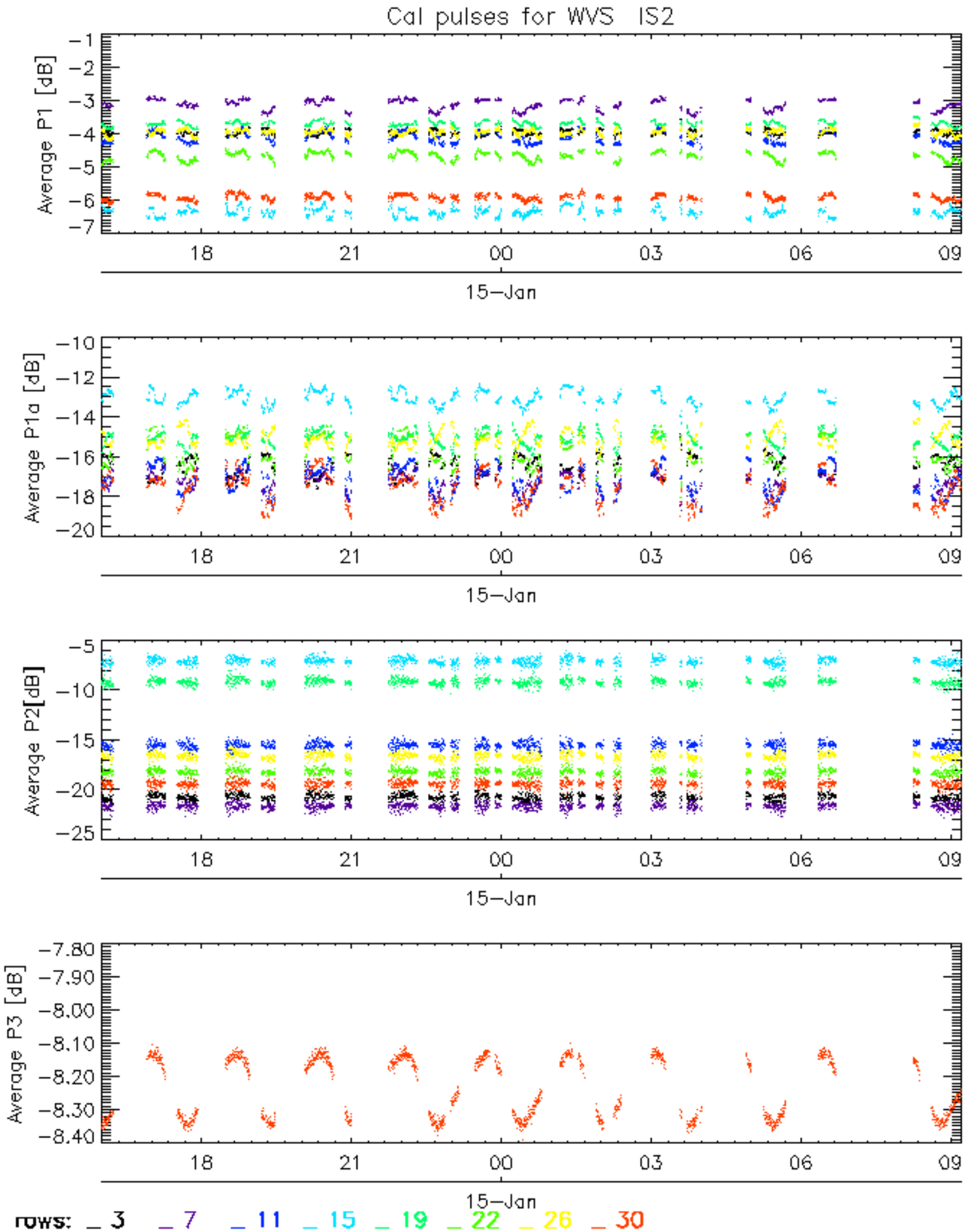

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
18
21
00
03
06
09
15−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
Phase P1a [deg]
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
09
15−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
09
15−Jan
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
09
15−Jan
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
09
15−Jan
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

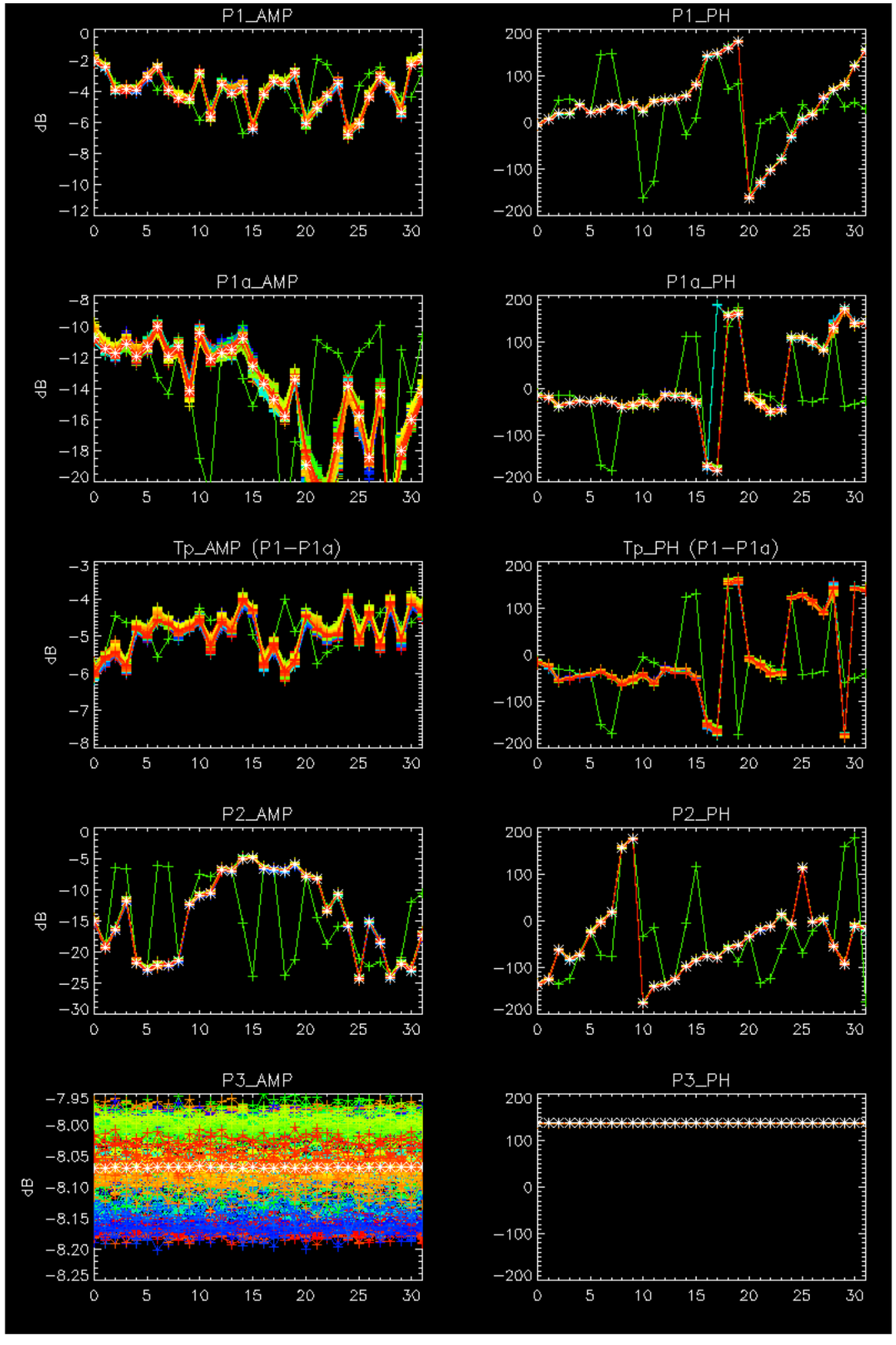

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
−10
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
10−Jan
15−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
−30
Average P2 [dB]
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

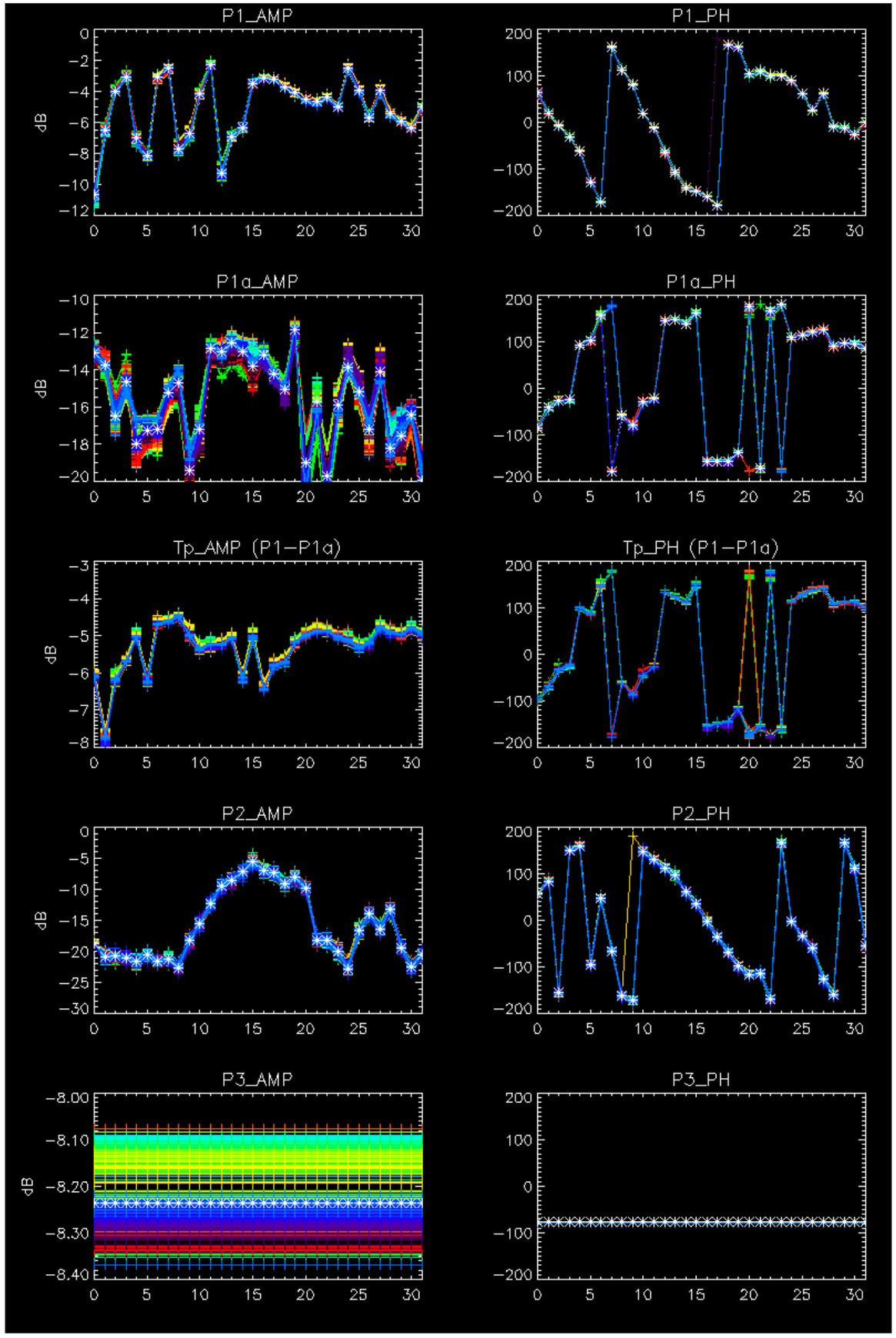

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
18
21
00
03
06
09
15−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
10−Jan
15−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
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
09
15−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
09
15−Jan
Average P2[dB]
−5
−10
−15
−20
−25
18
21
00
03
06
09
15−Jan
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
09
15−Jan
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

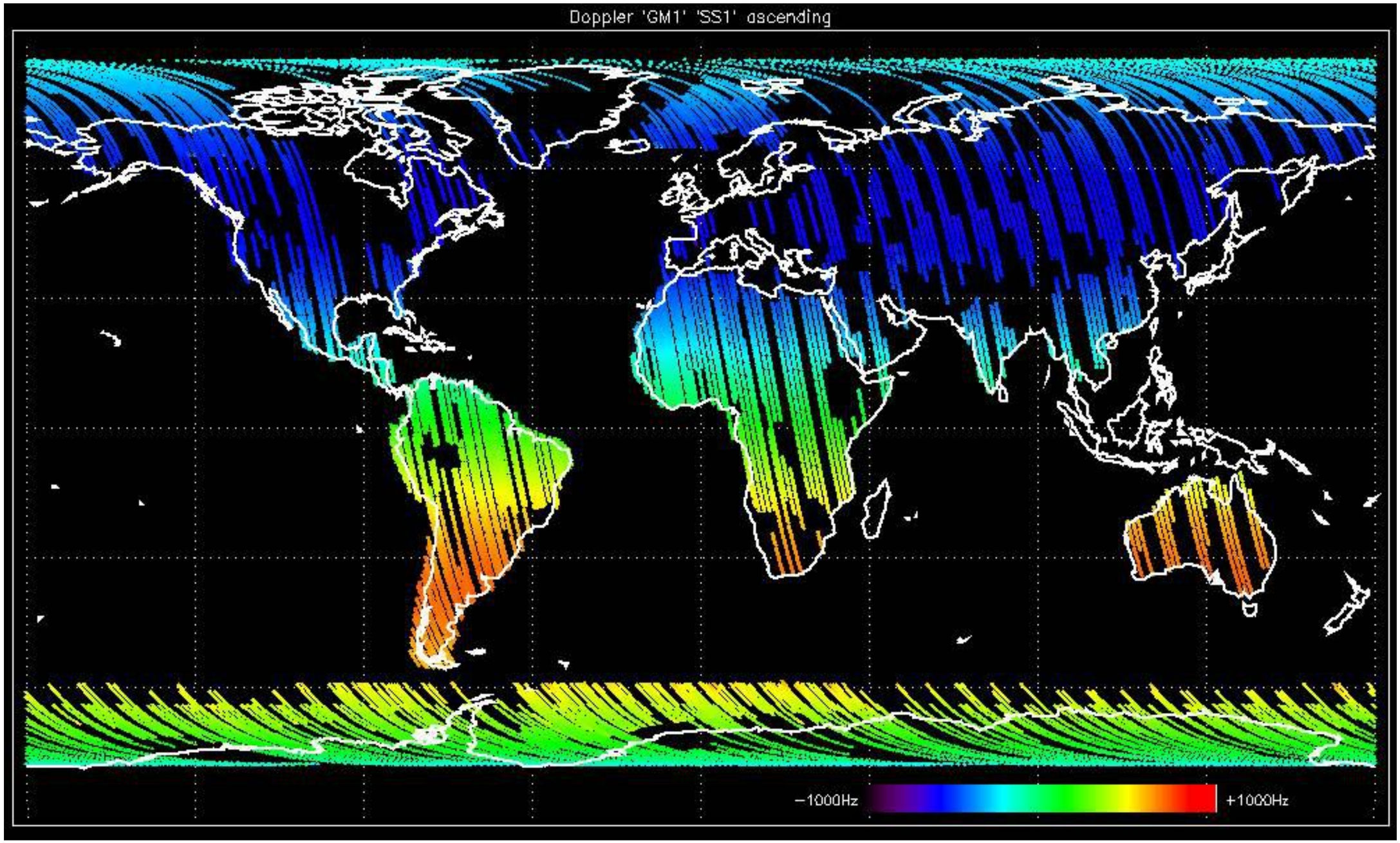
No anomalies observed.

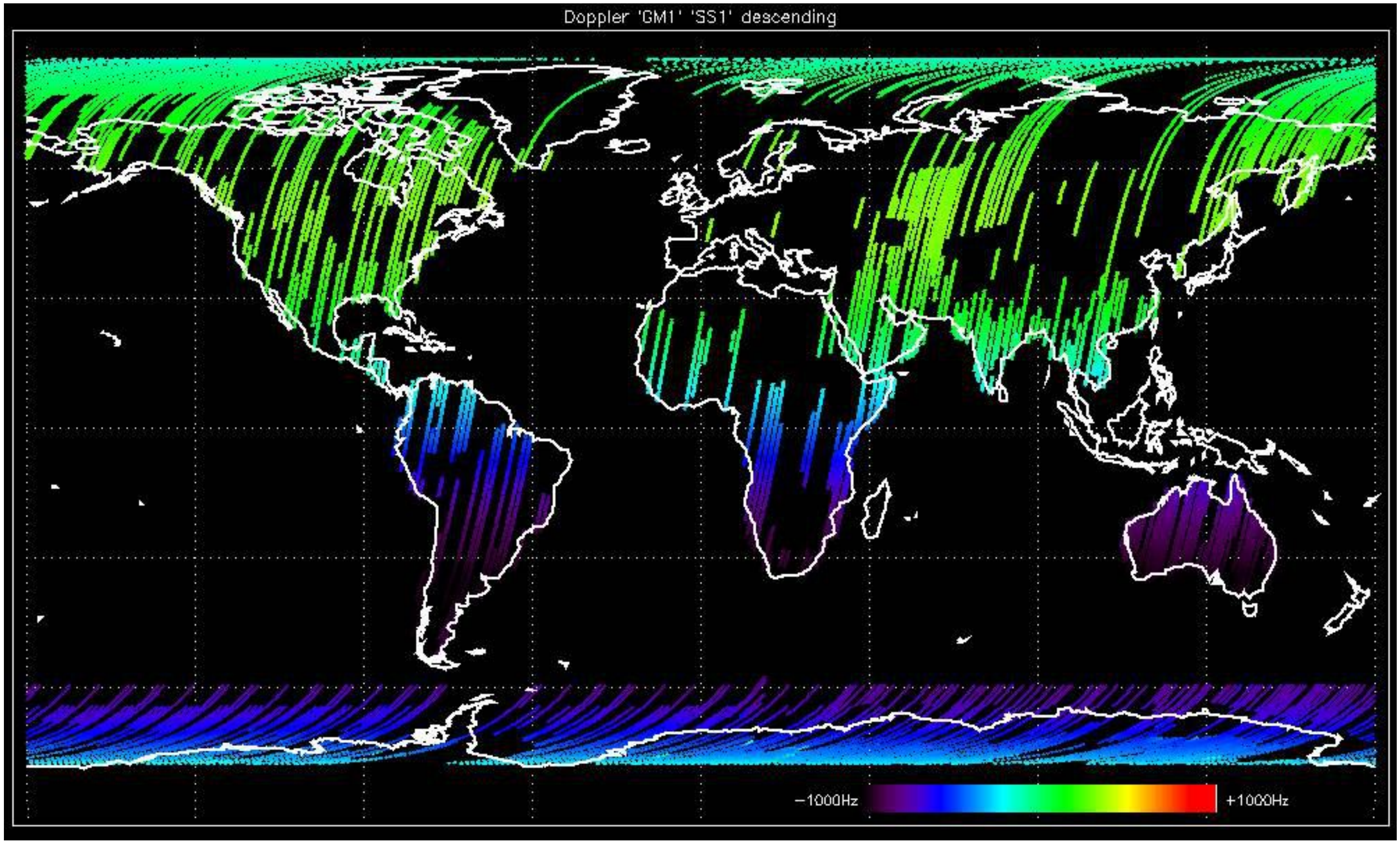

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

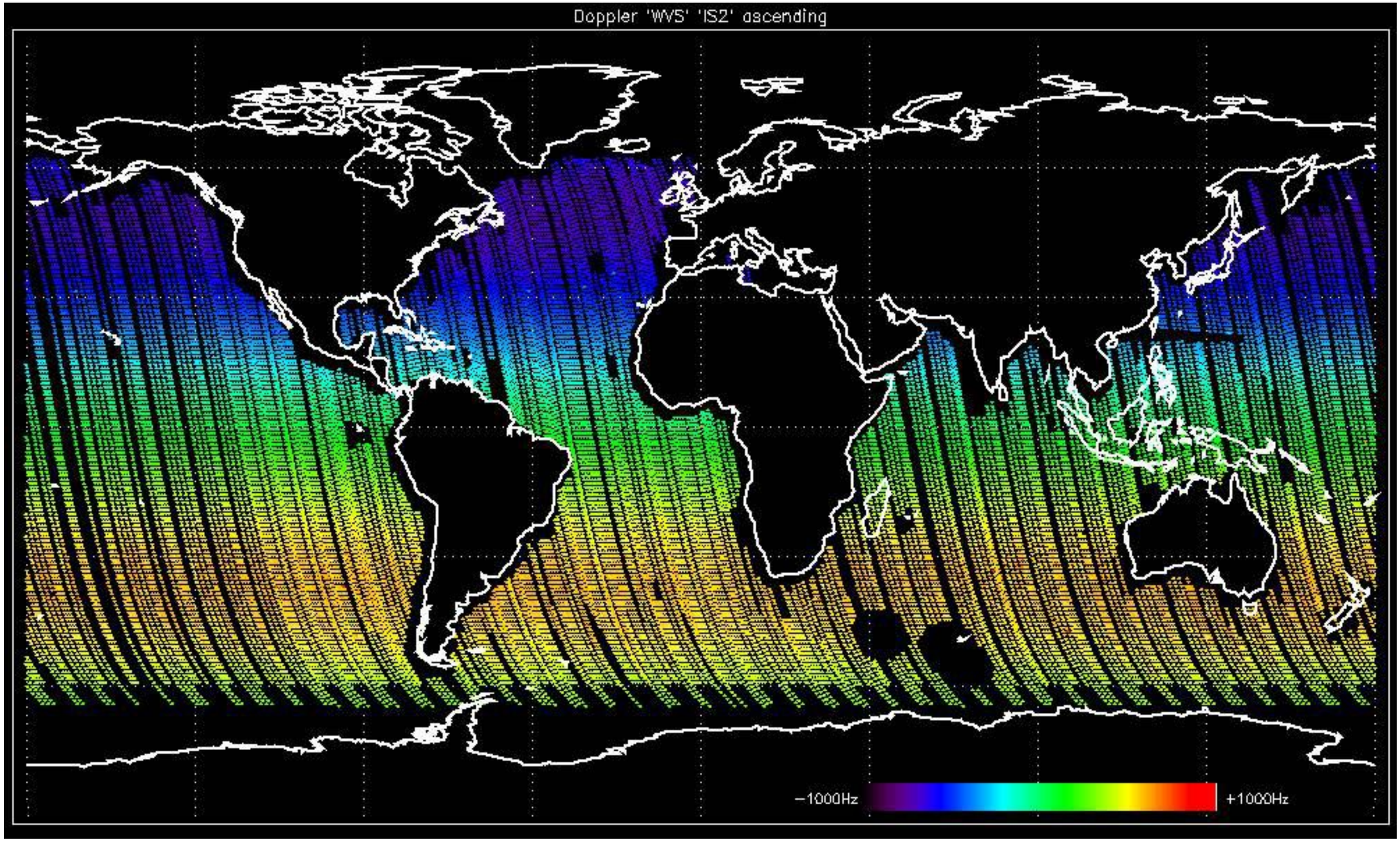

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

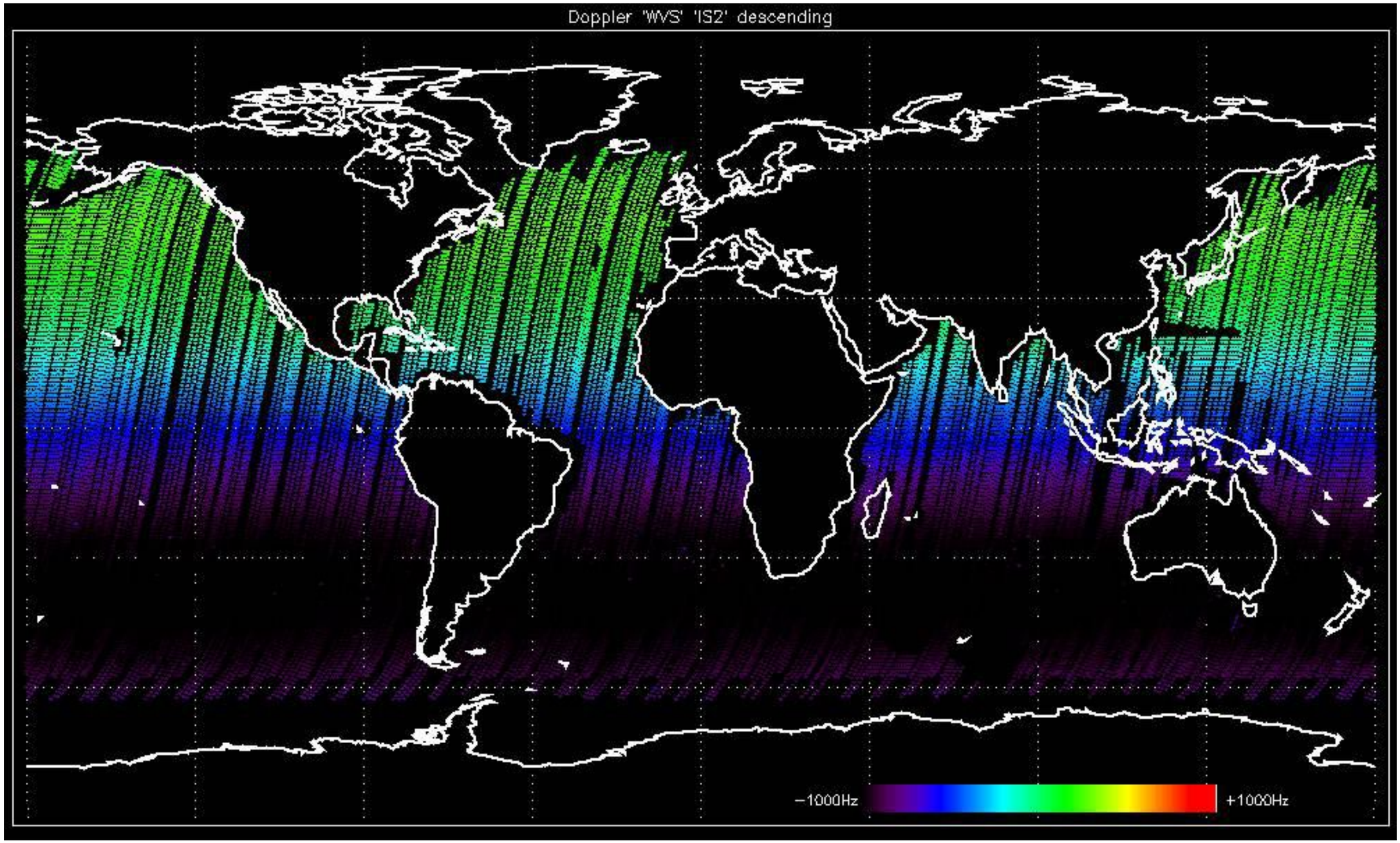
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

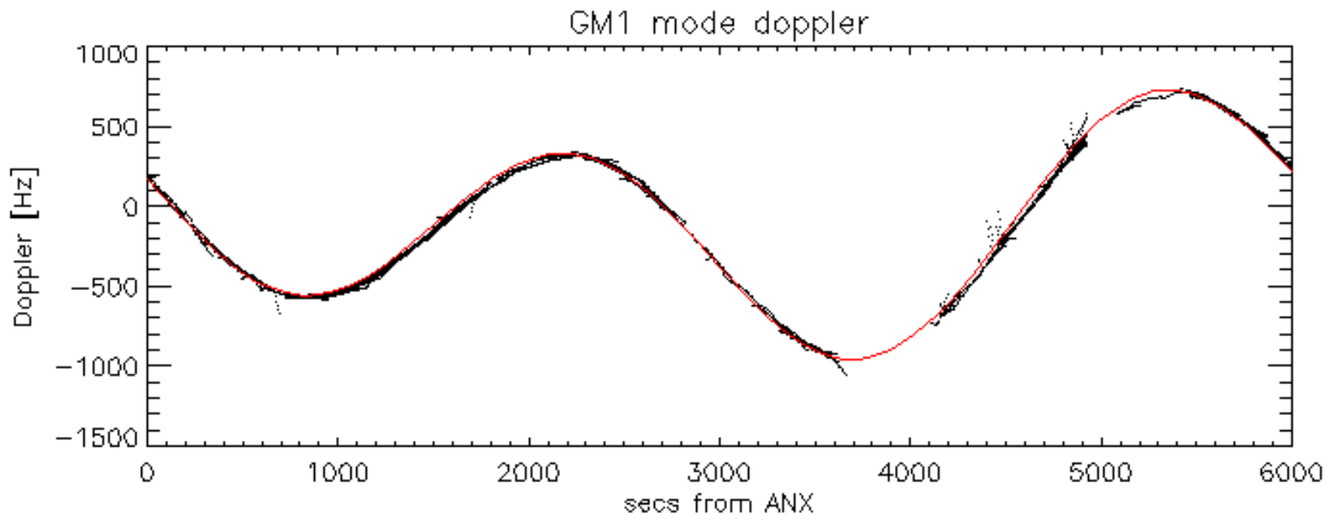
Preliminary report.The data is not yet controled

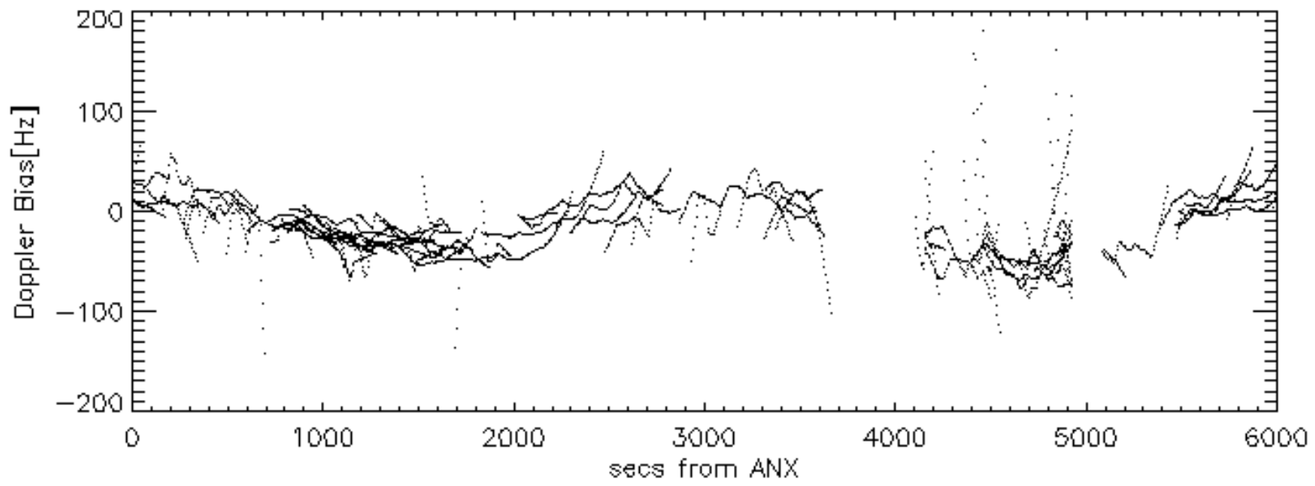

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

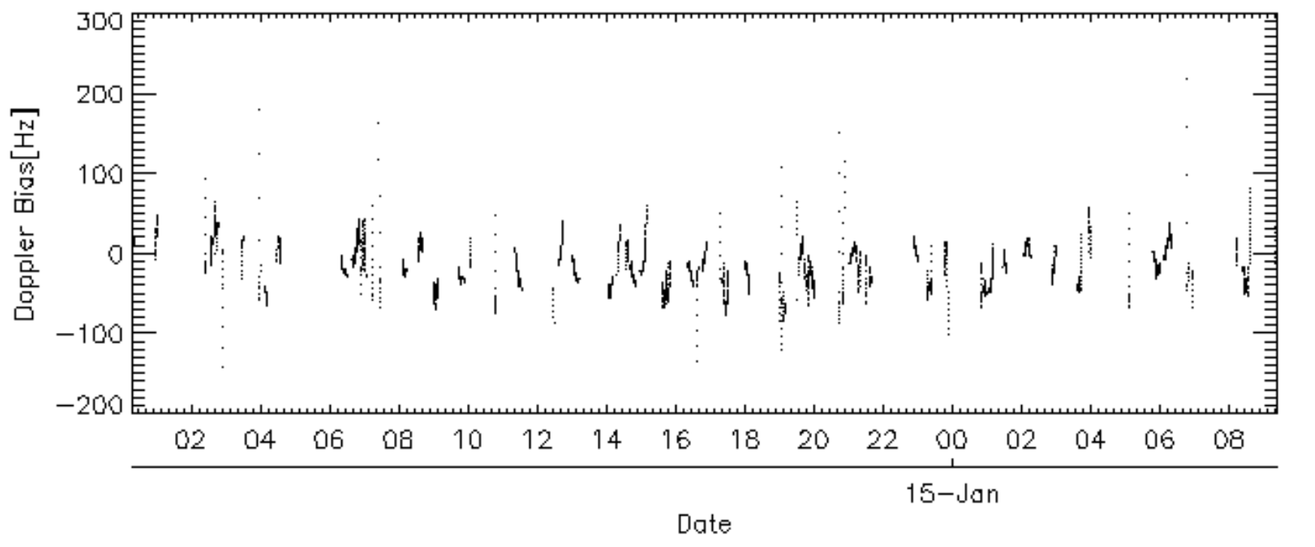

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

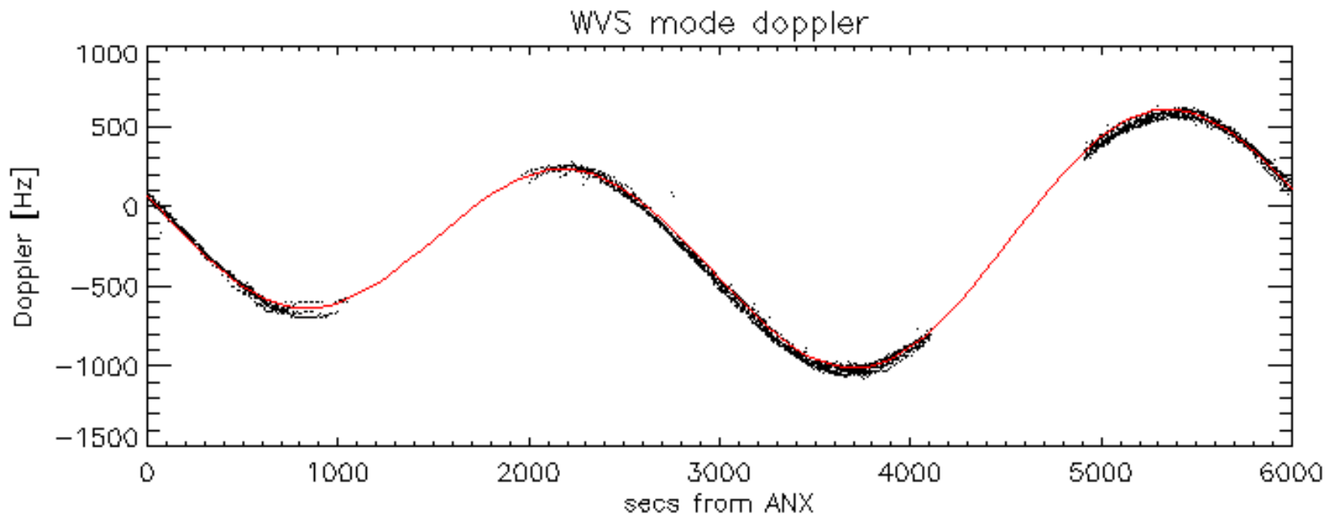

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

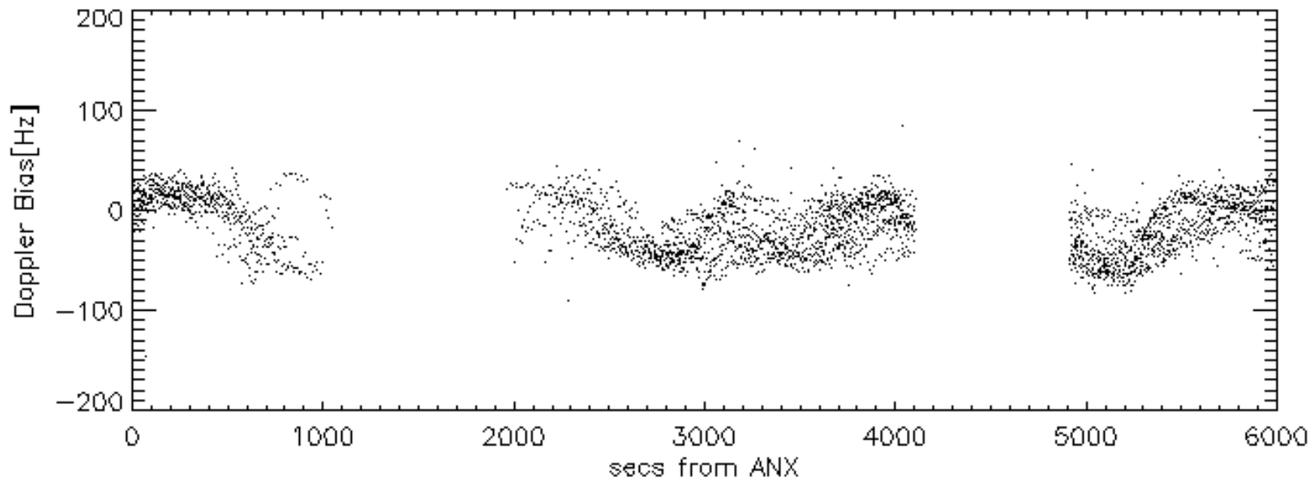

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

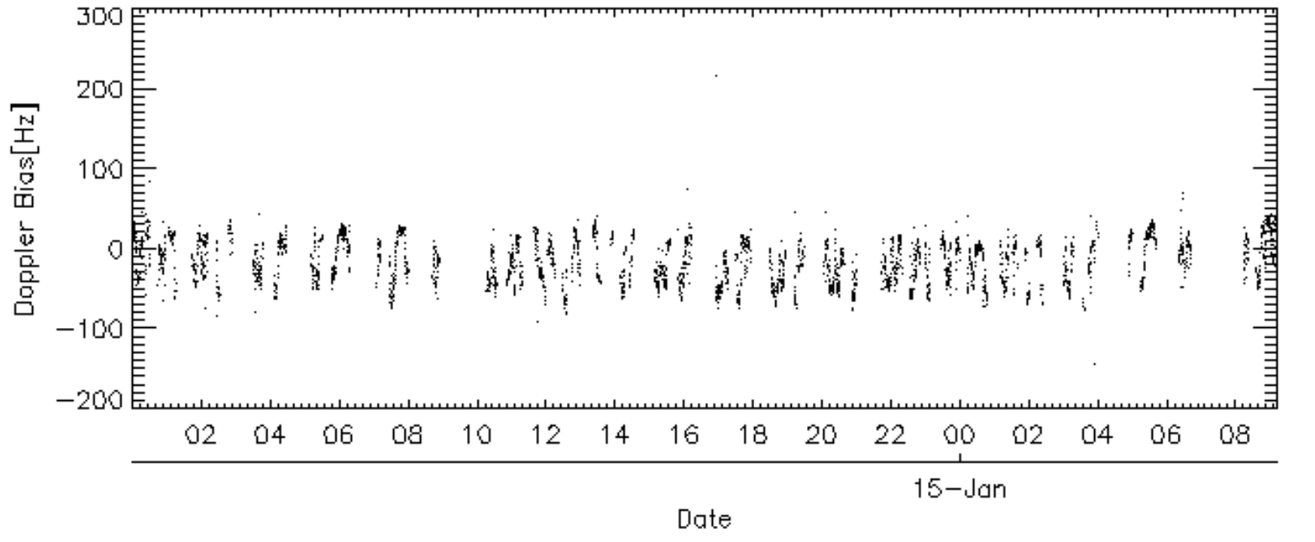

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

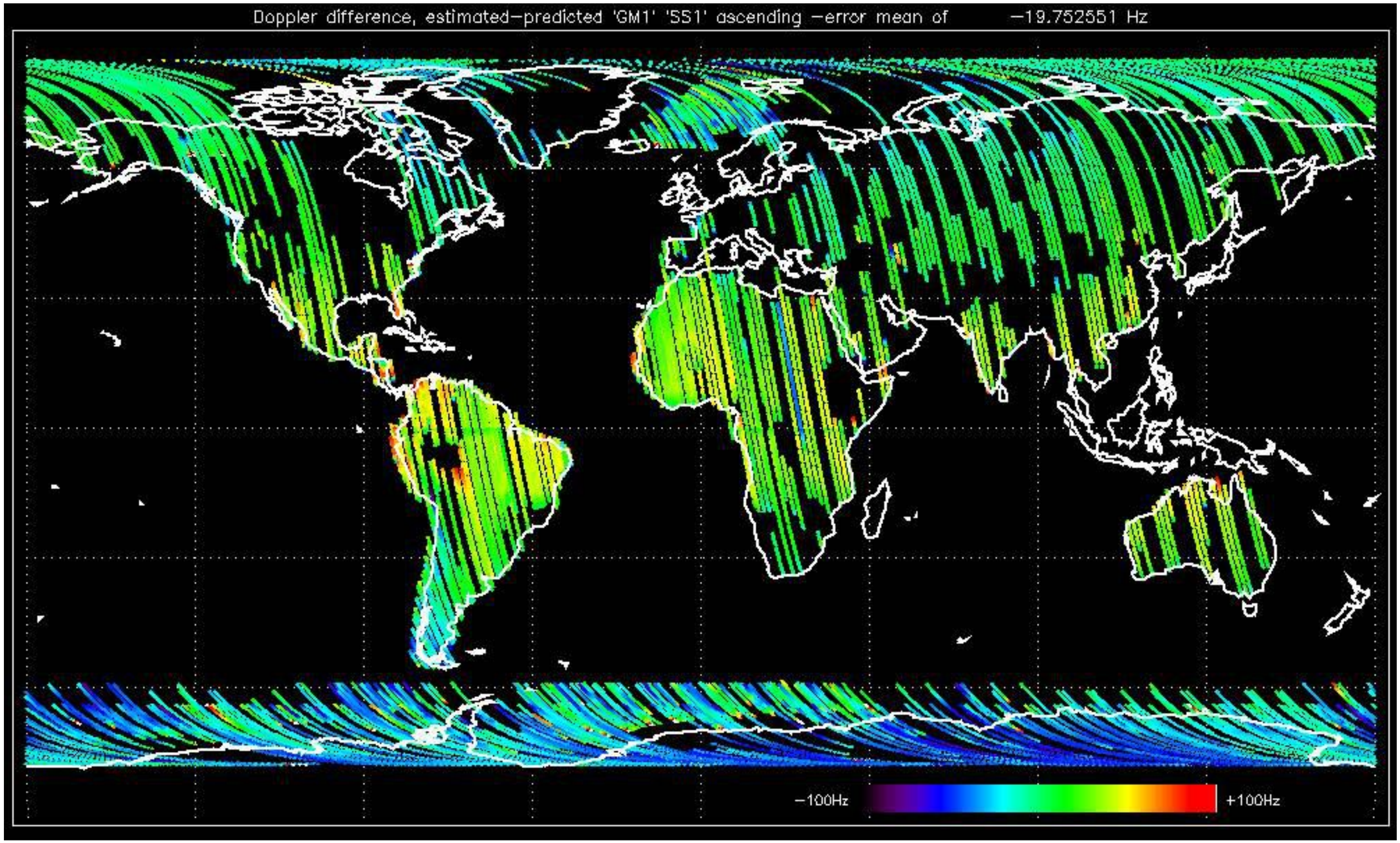

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

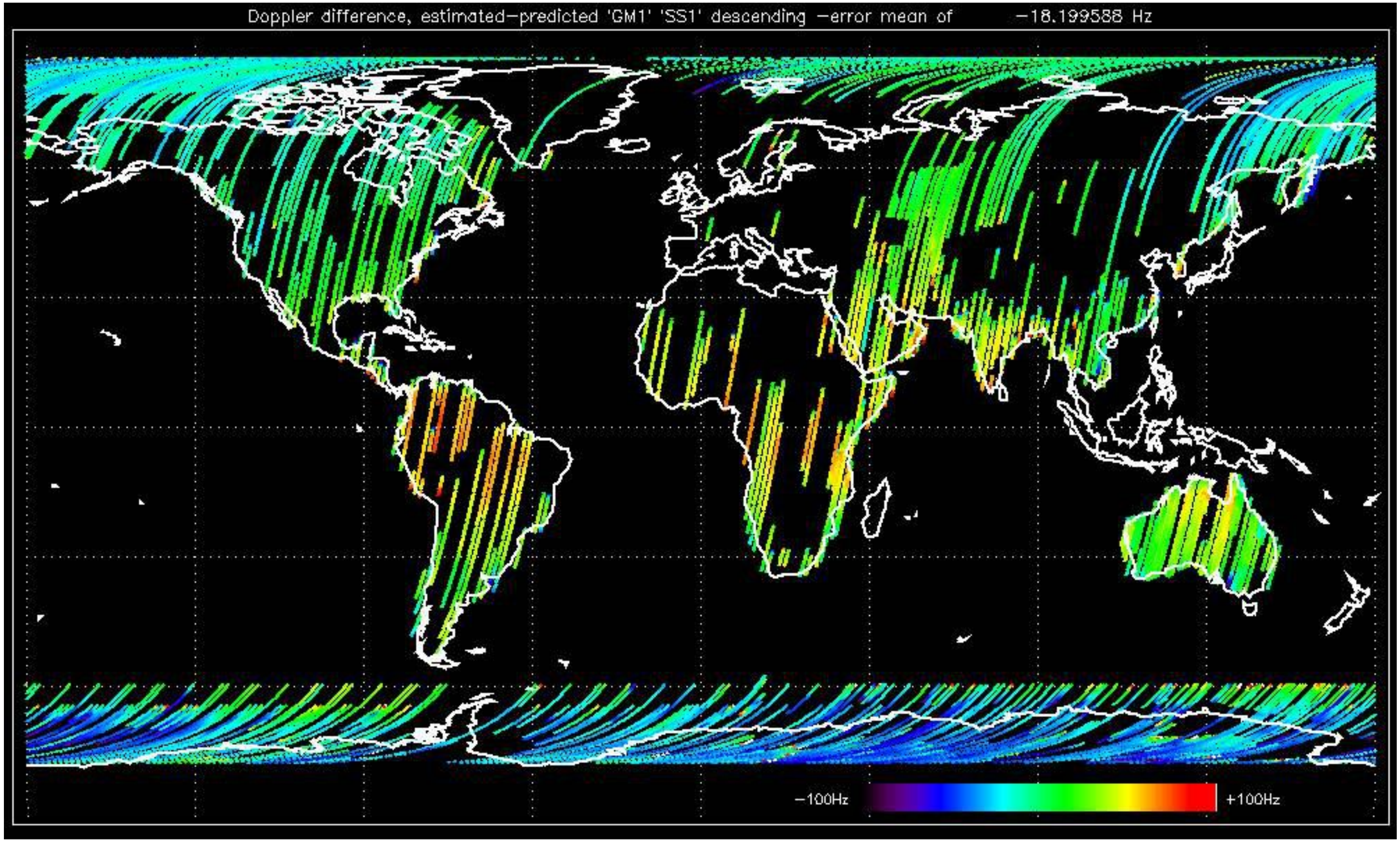

Doppler Bias[Hz]
300
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
15−Jan
Date

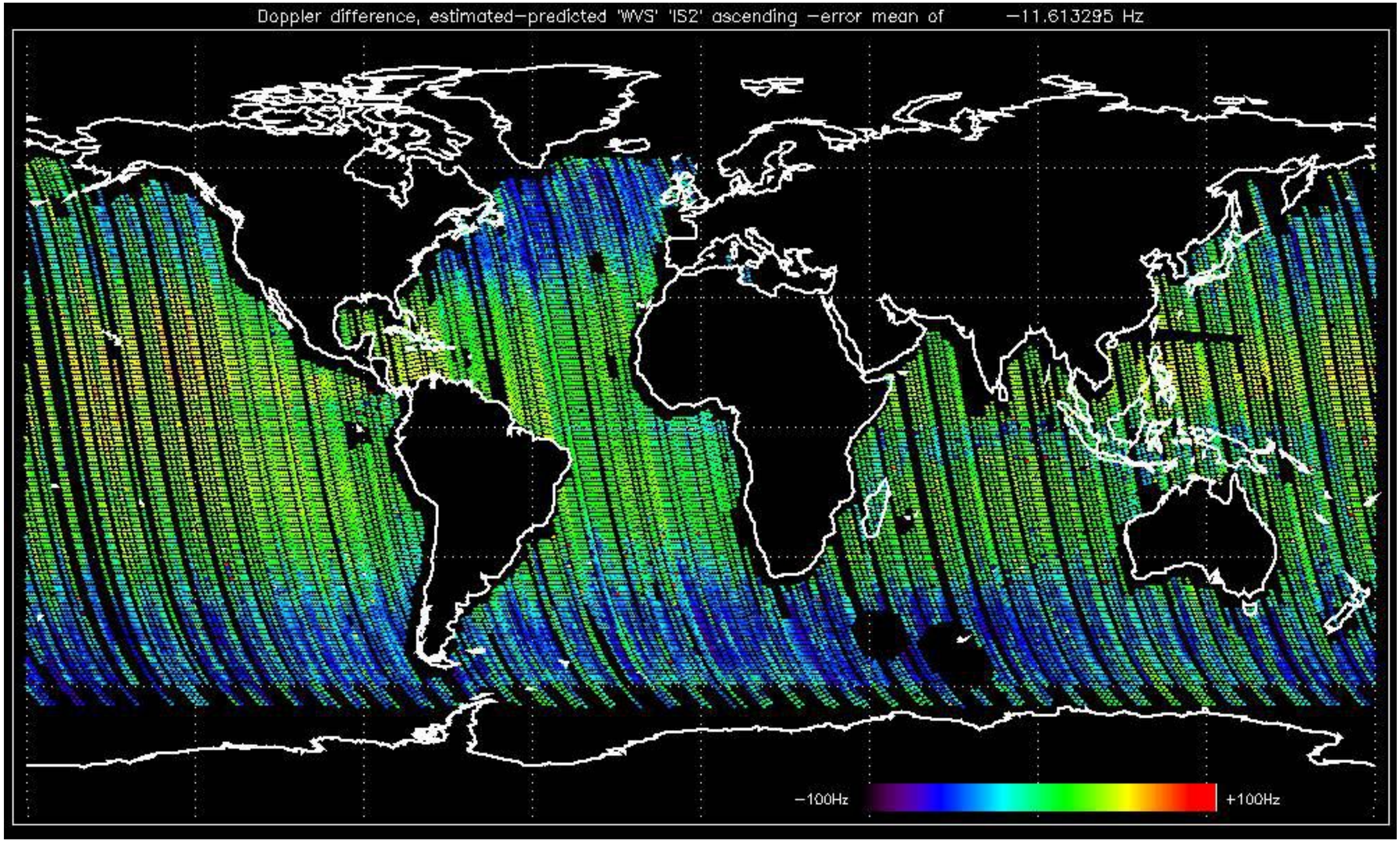

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

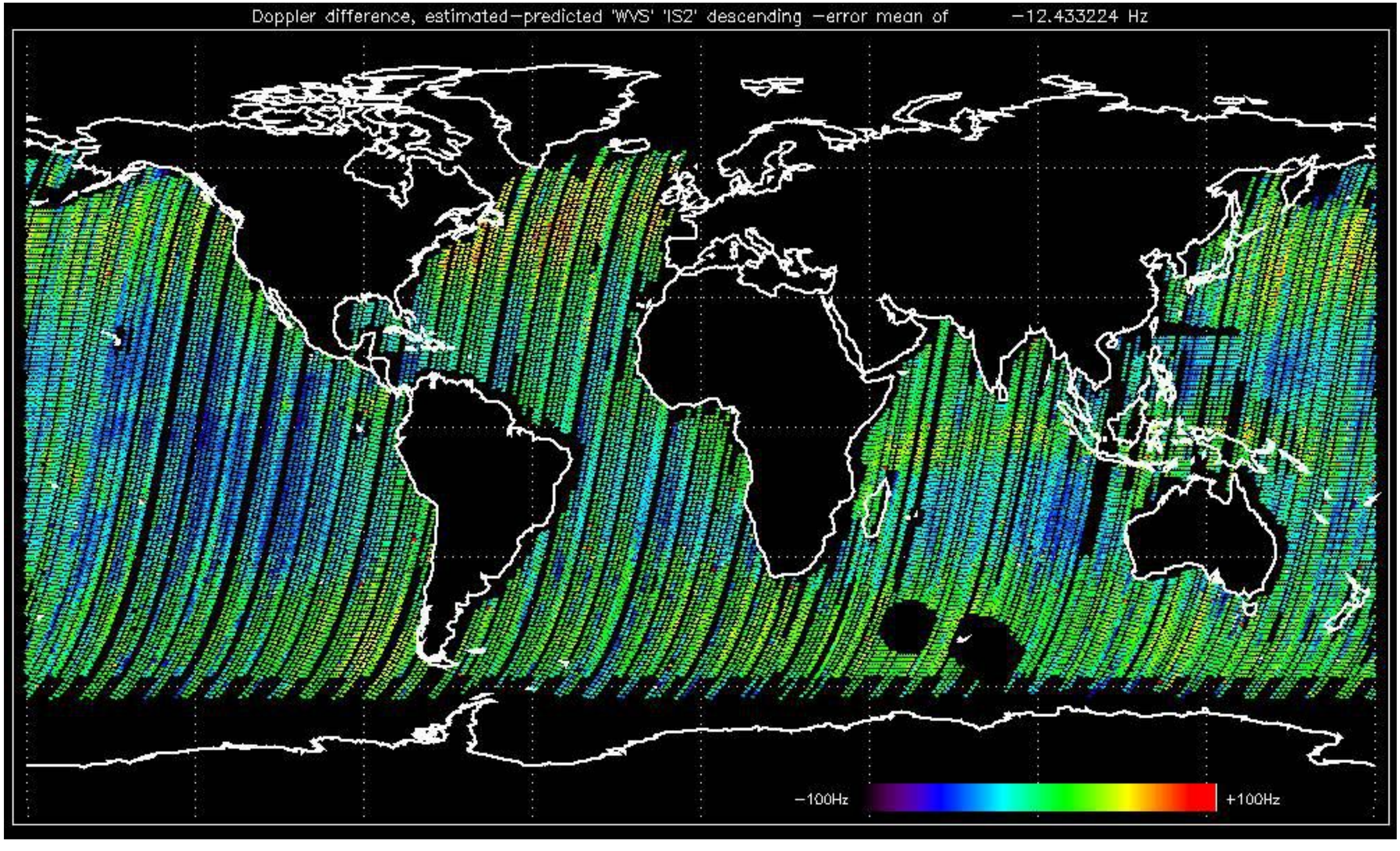

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


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


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −19.752551 Hz
−100Hz
+100Hz

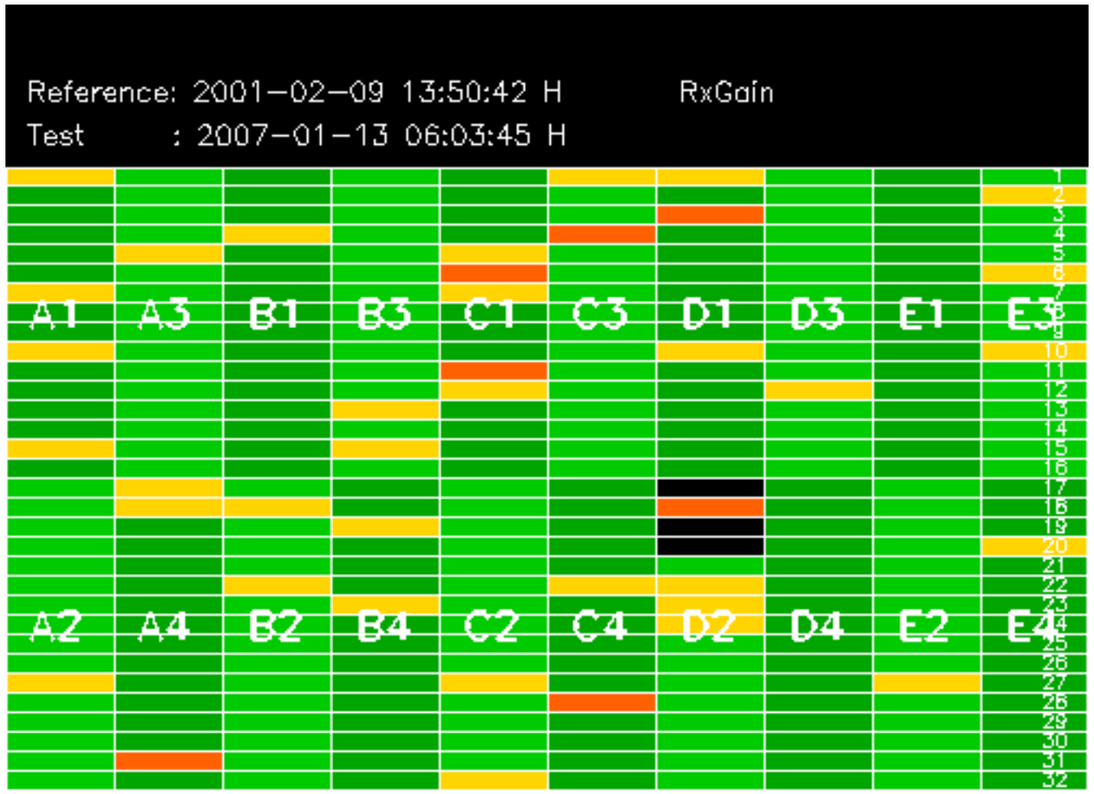

Doppler difference, estimated-predicted 'GM1' 'SS1' descending -error mean of -18.199588 Hz
-100Hz
+100Hz

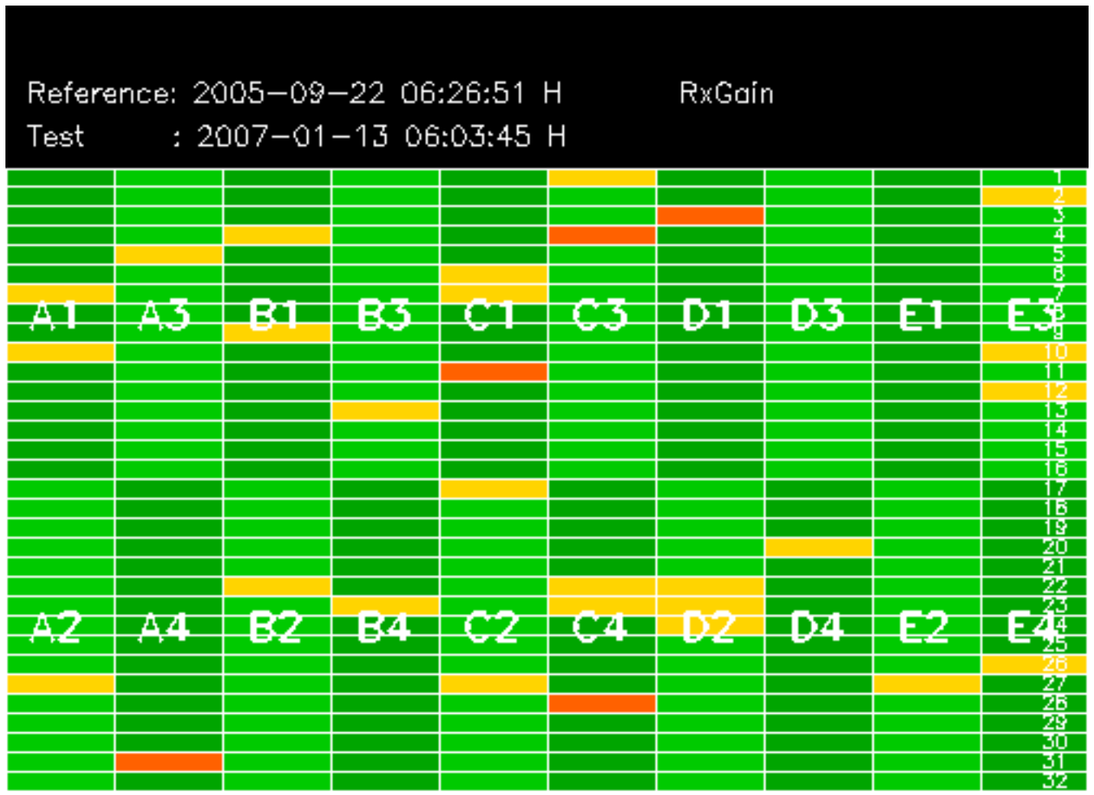

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −11.613295 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −12.433224 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2007-01-13 06:03:45 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
Test : 2007-01-13 06:03:45 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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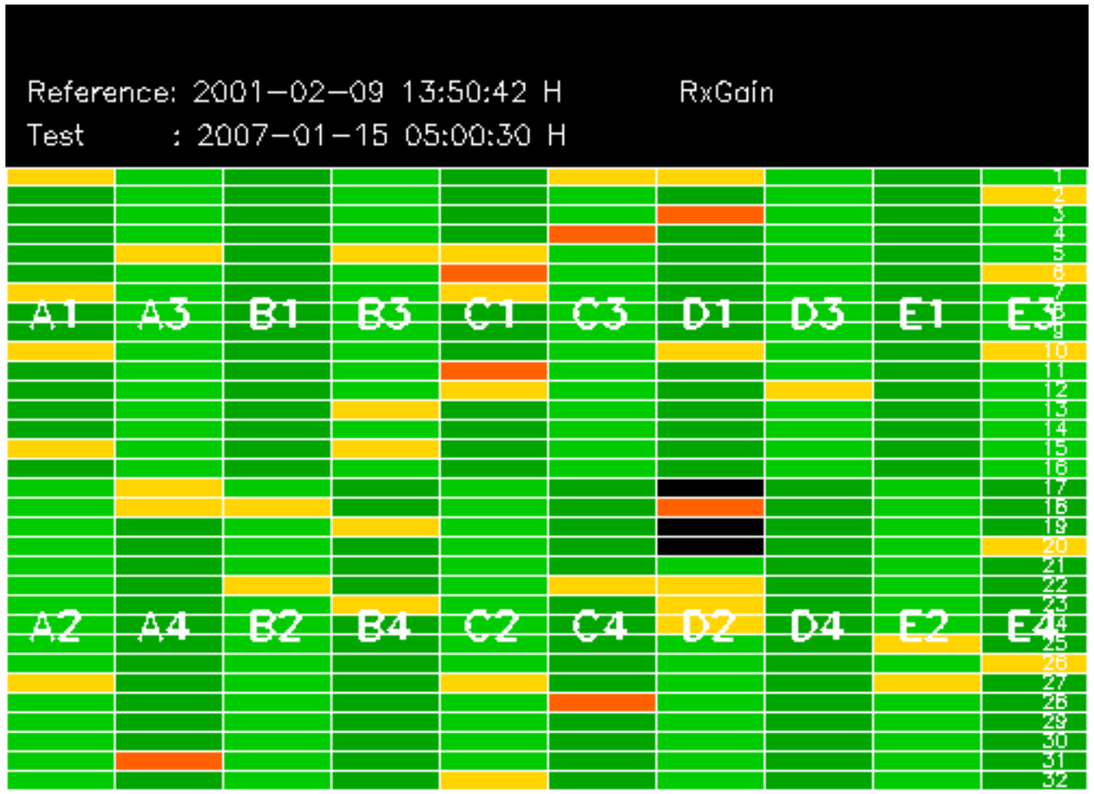
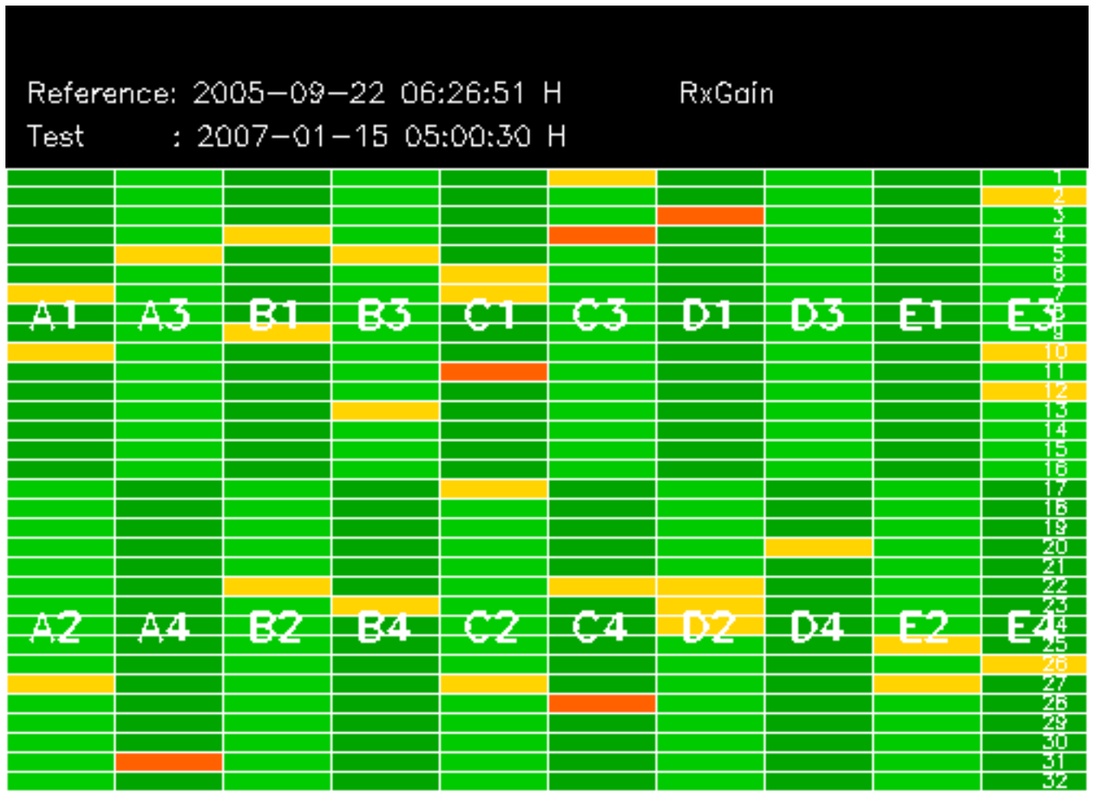
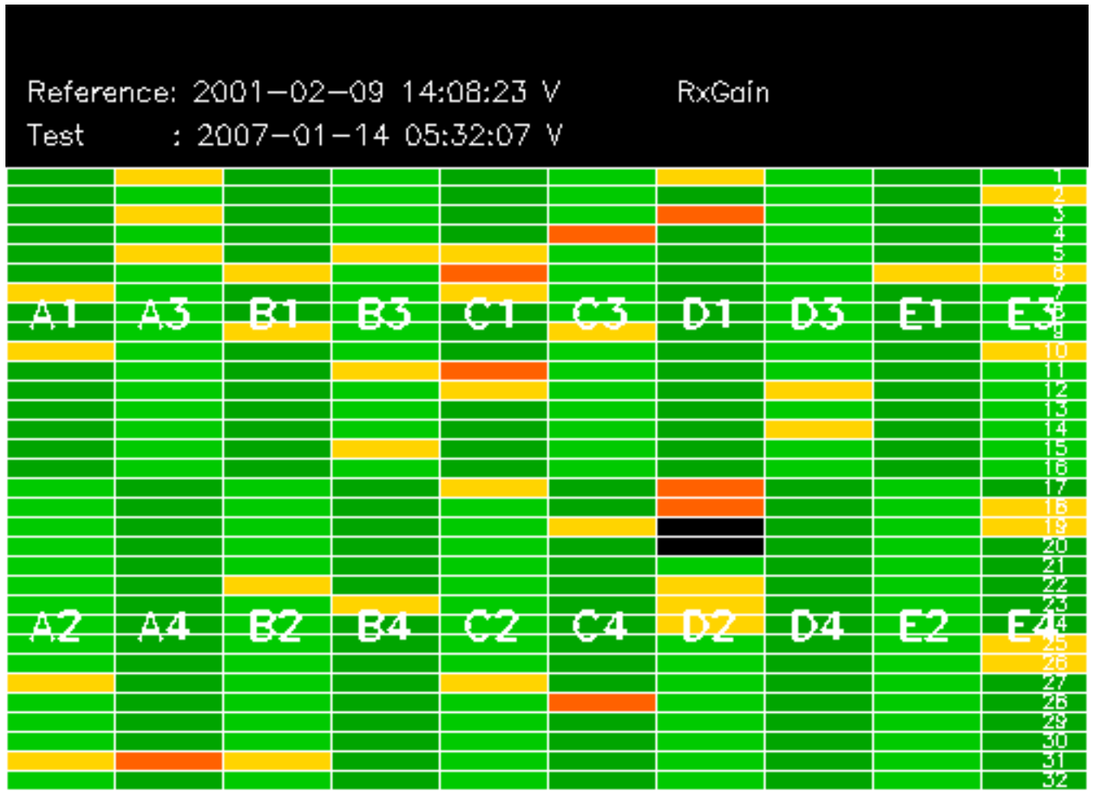
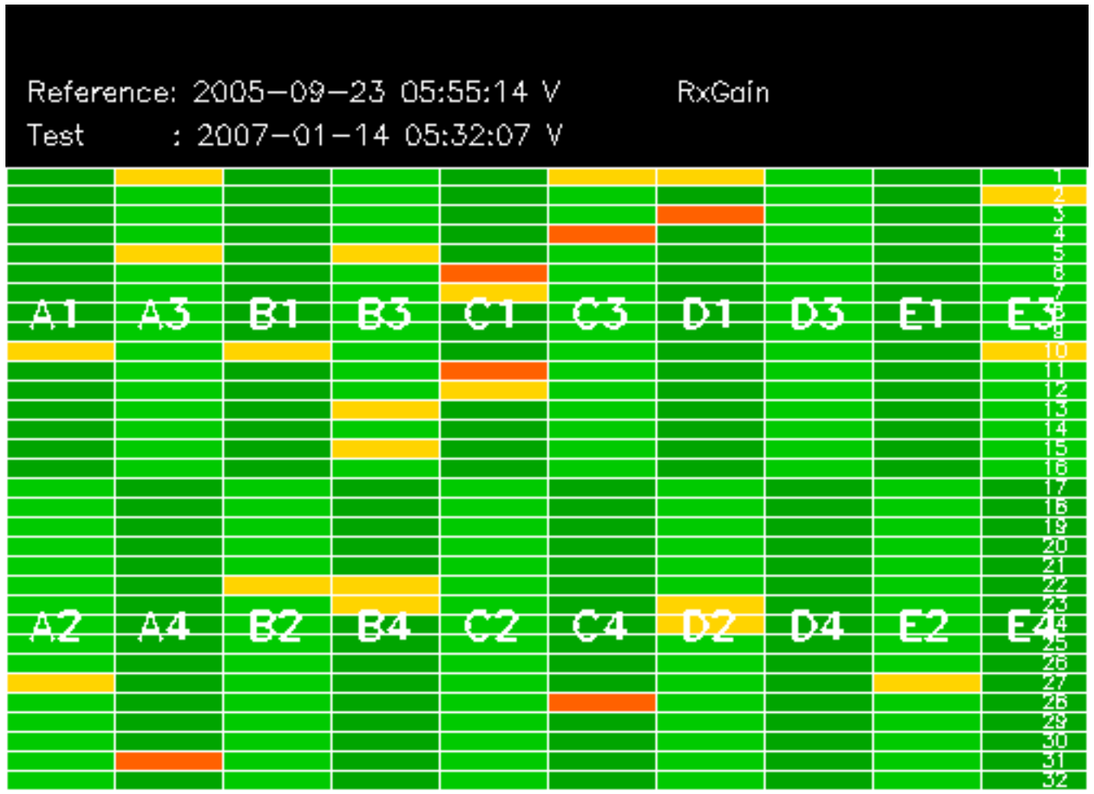

Reference: 2001-02-09 13:50:42 H
Test : 2007-01-15 05:00:30 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
Test : 2007-01-15 05:00:30 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
RxGain
Test : 2007-01-14 05:32:07 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2007-01-14 05:32:07 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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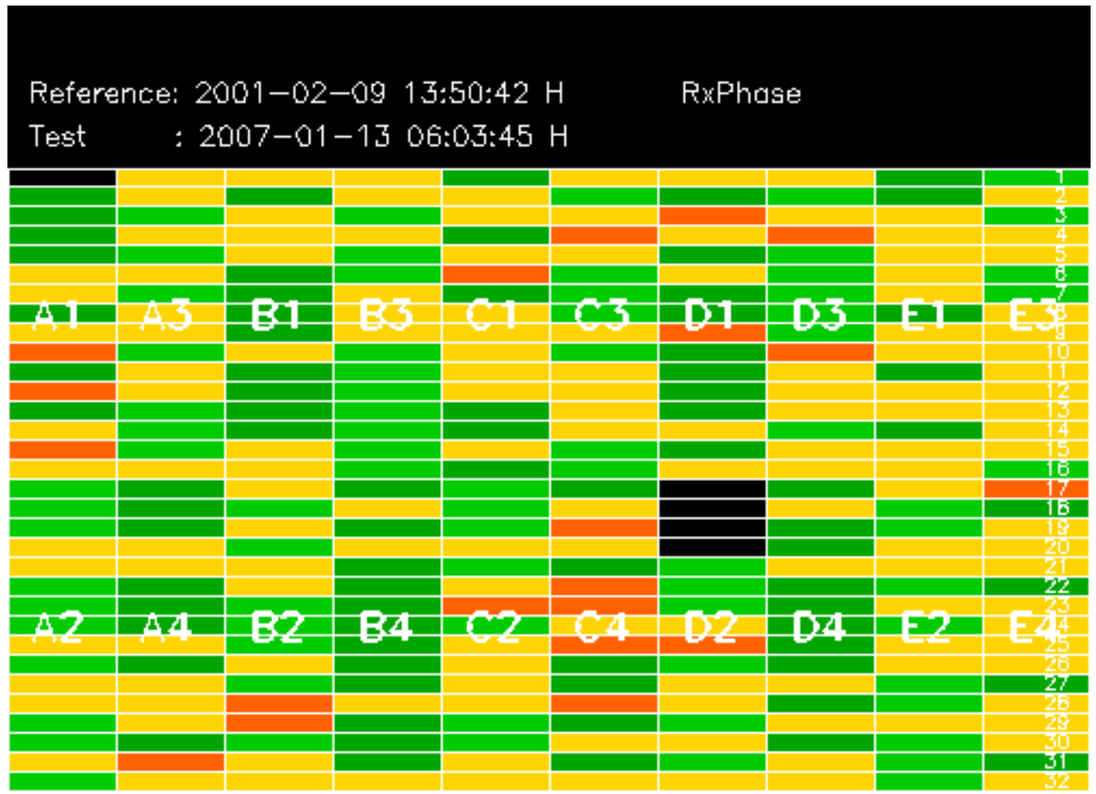
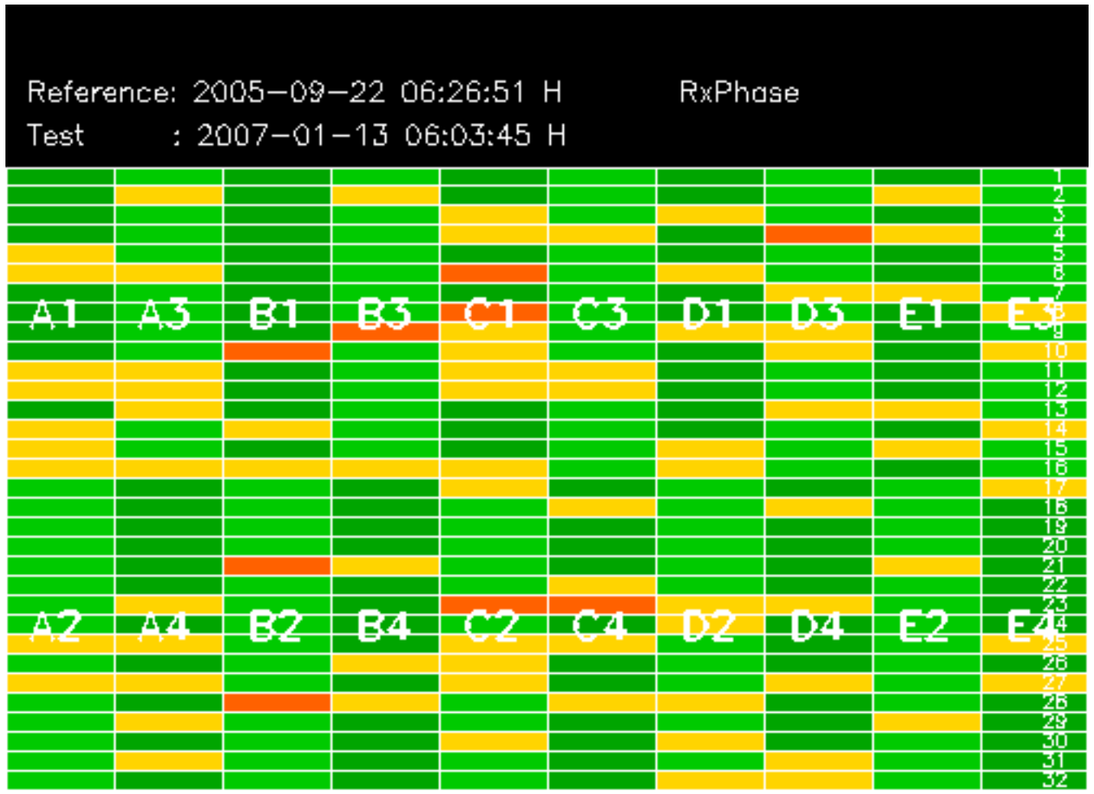
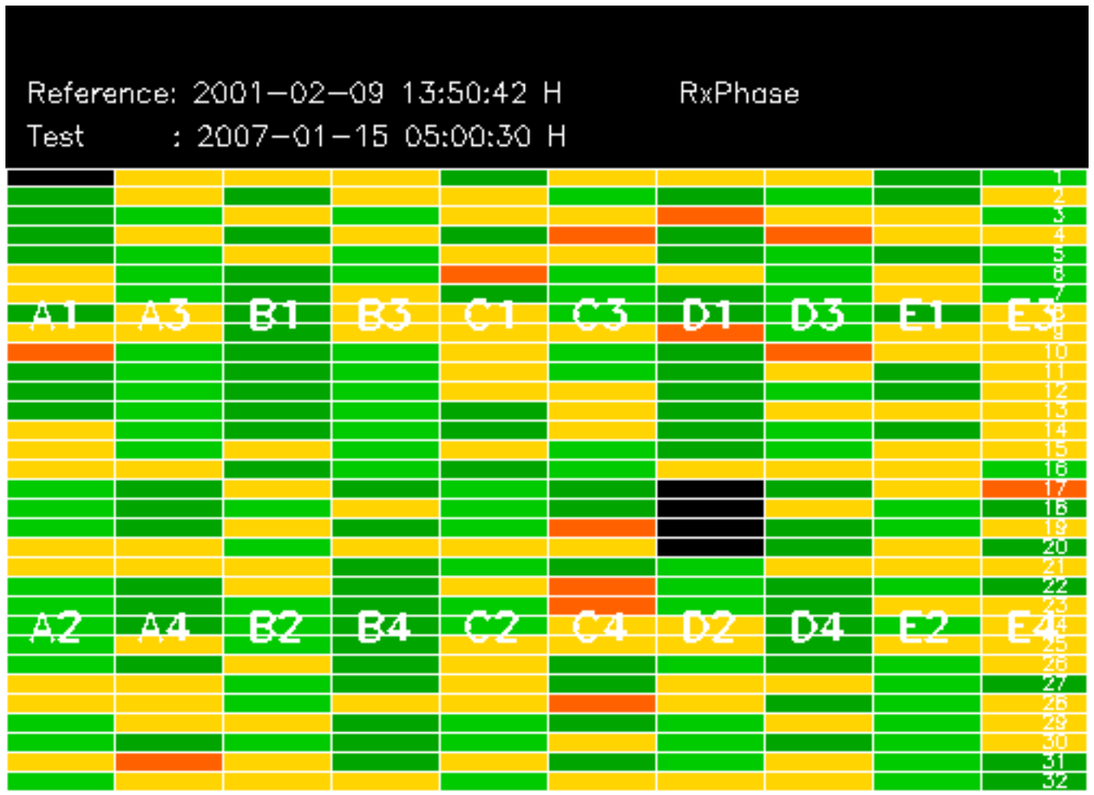
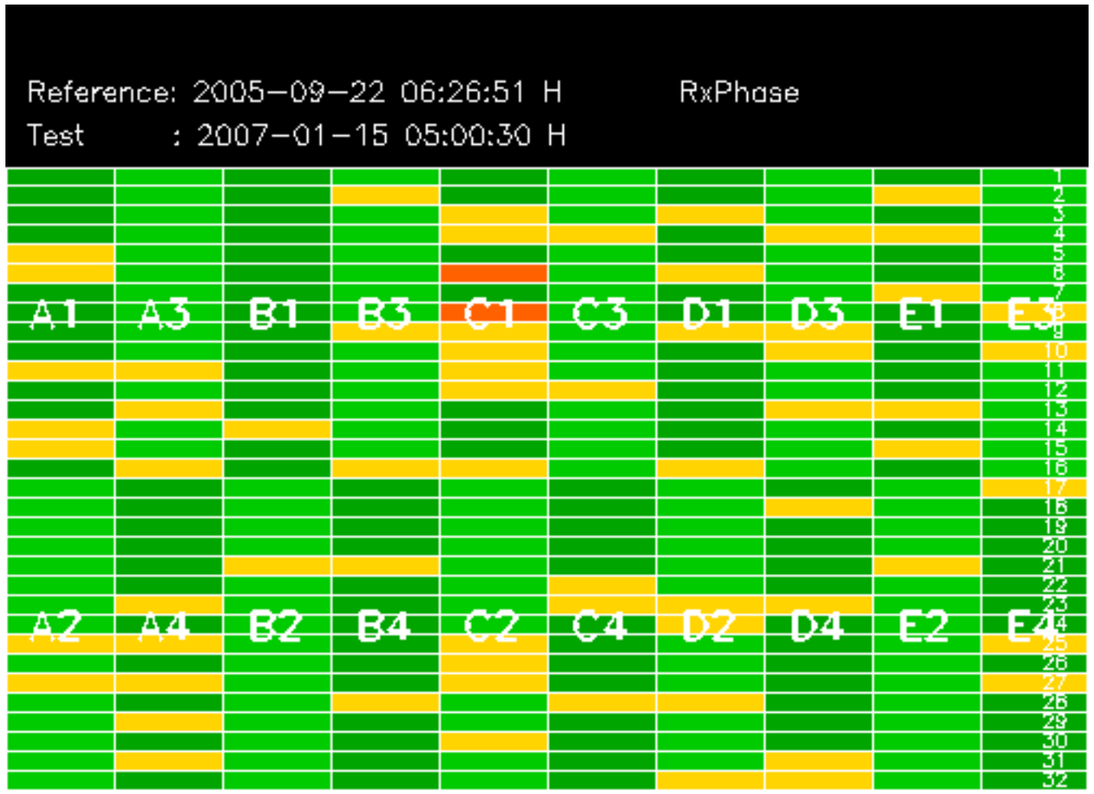

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2007-01-13 06:03:45 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2007-01-13 06:03:45 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2007-01-15 05:00:30 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2007-01-15 05:00:30 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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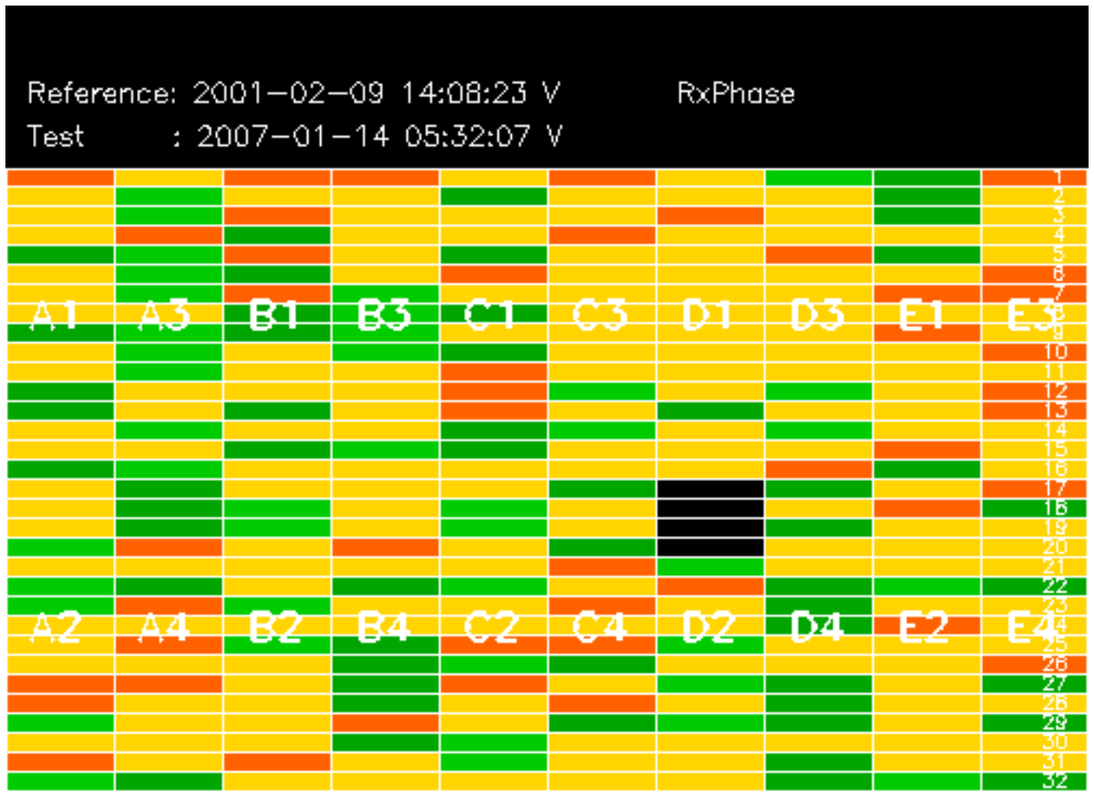
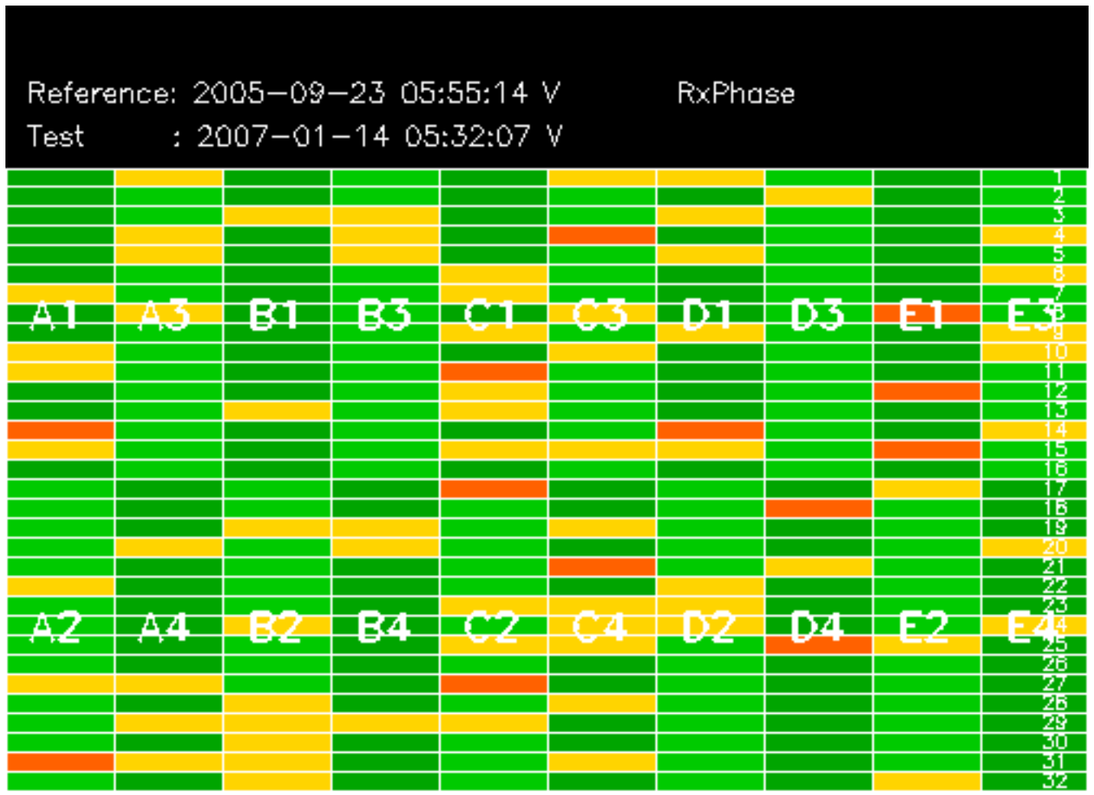
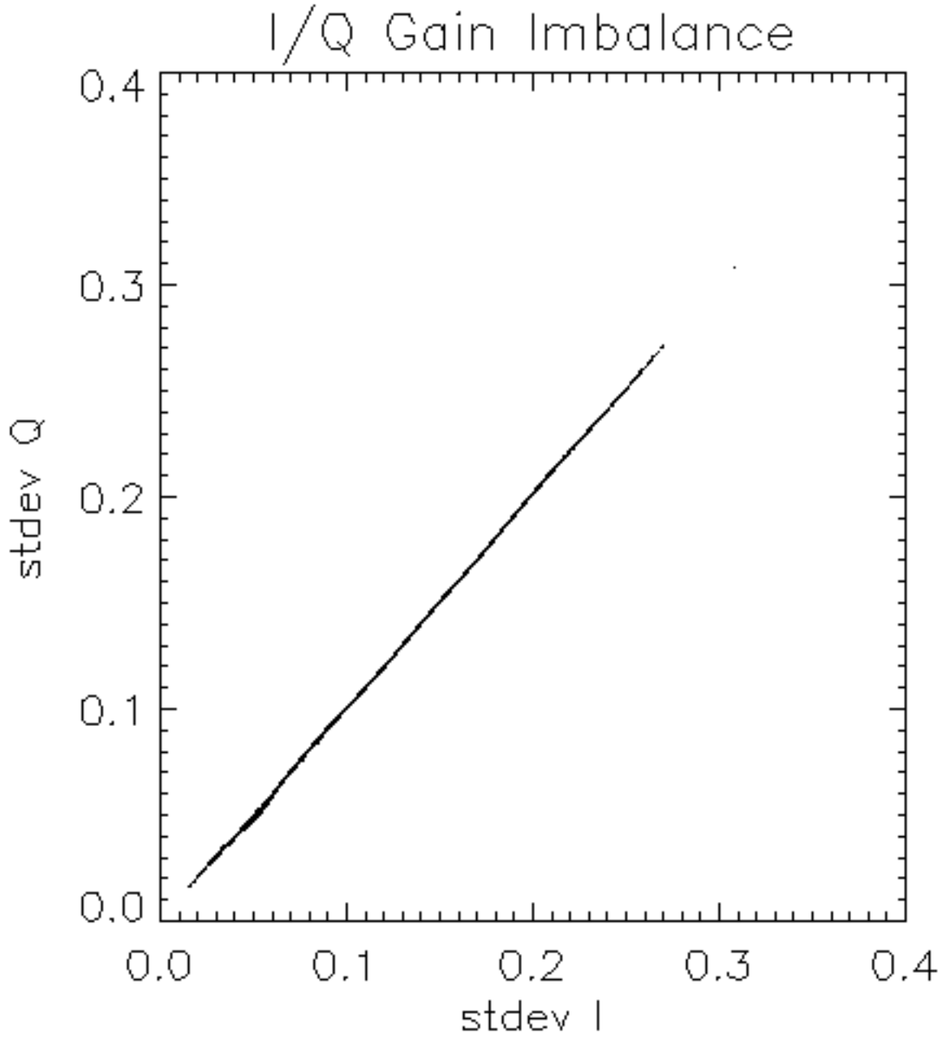
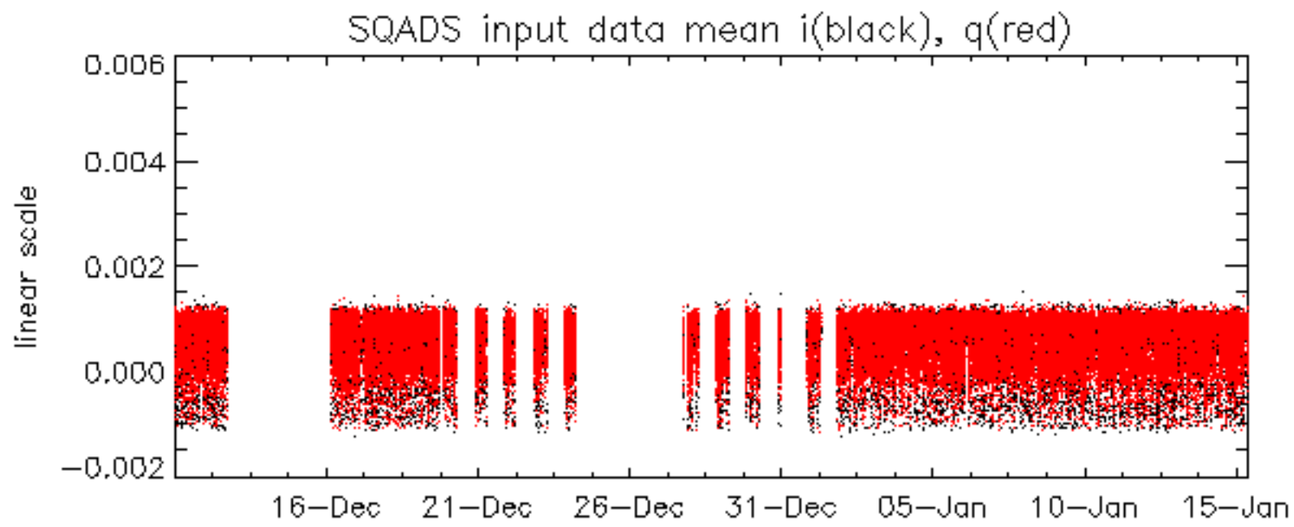
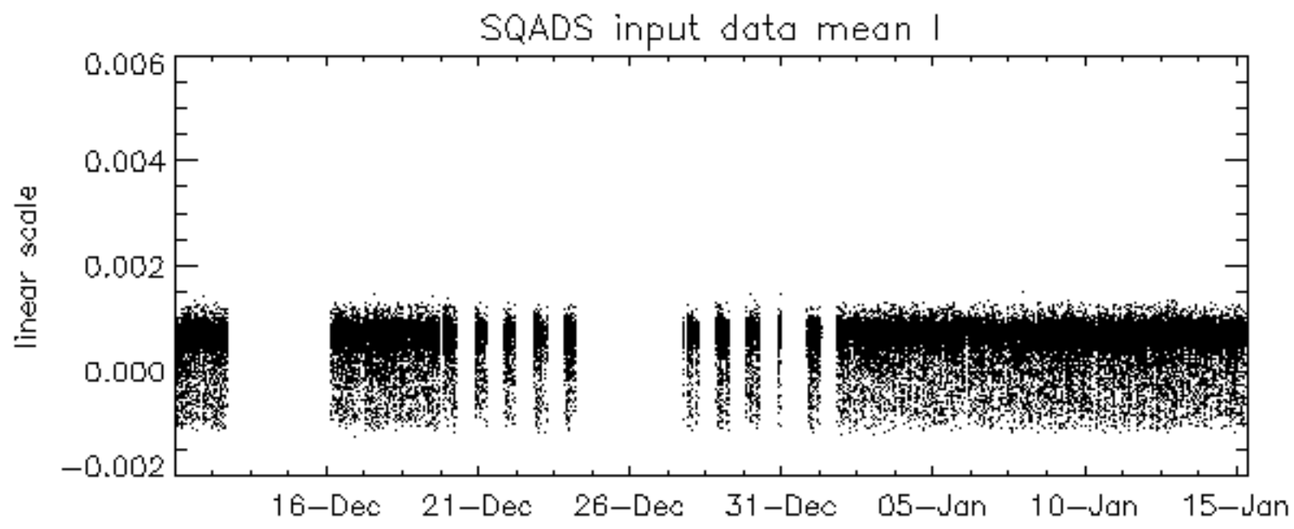
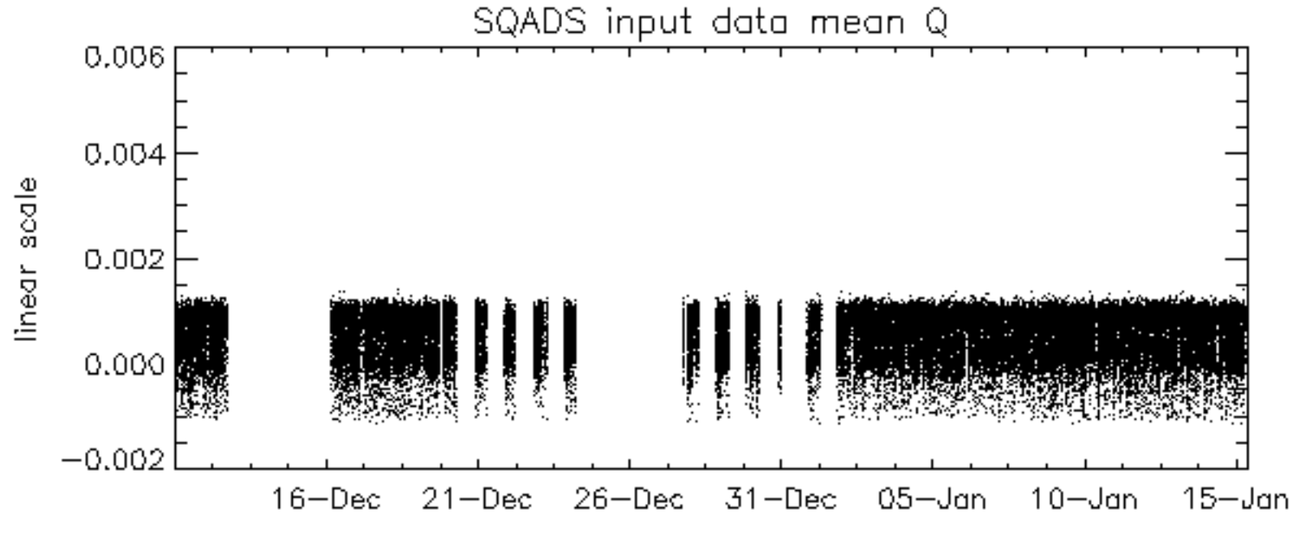

Reference: 2001-02-09 14:08:23 V
Test : 2007-01-14 05:32:07 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

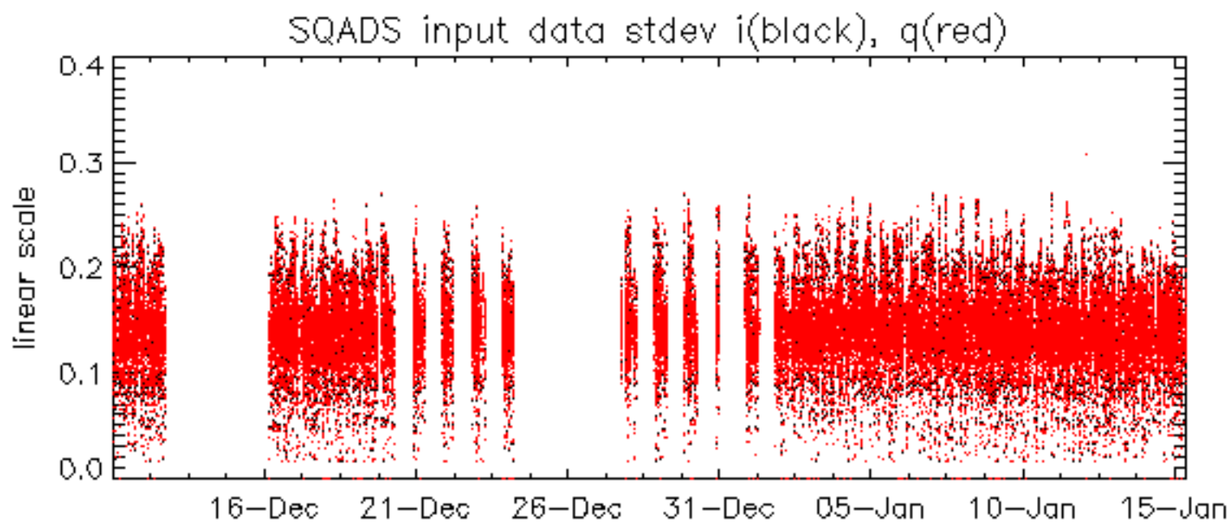

Reference: 2005-09-23 05:55:14 V
RxPhase
Test : 2007-01-14 05:32:07 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

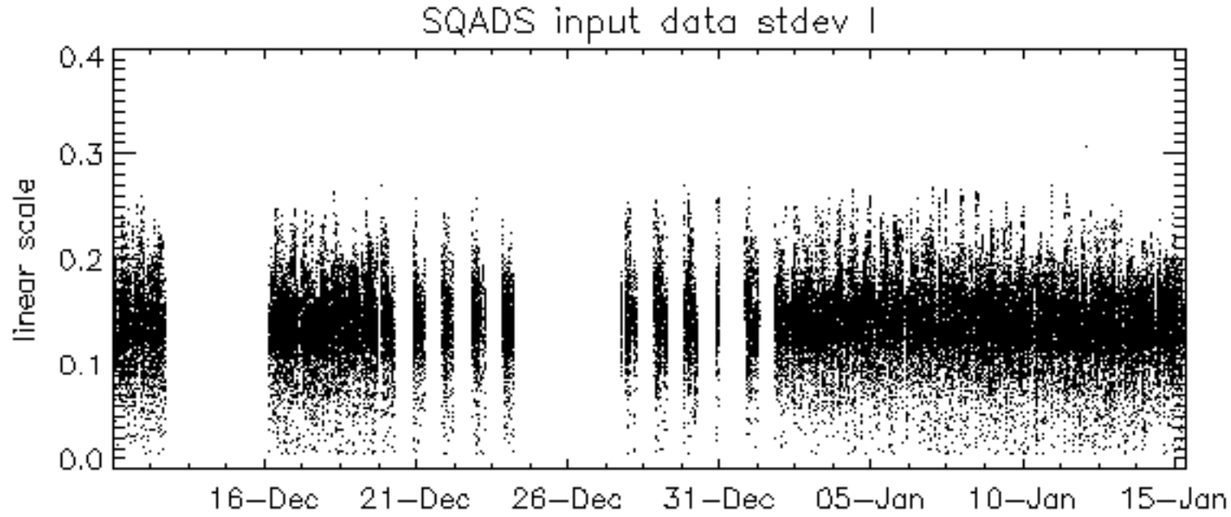

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

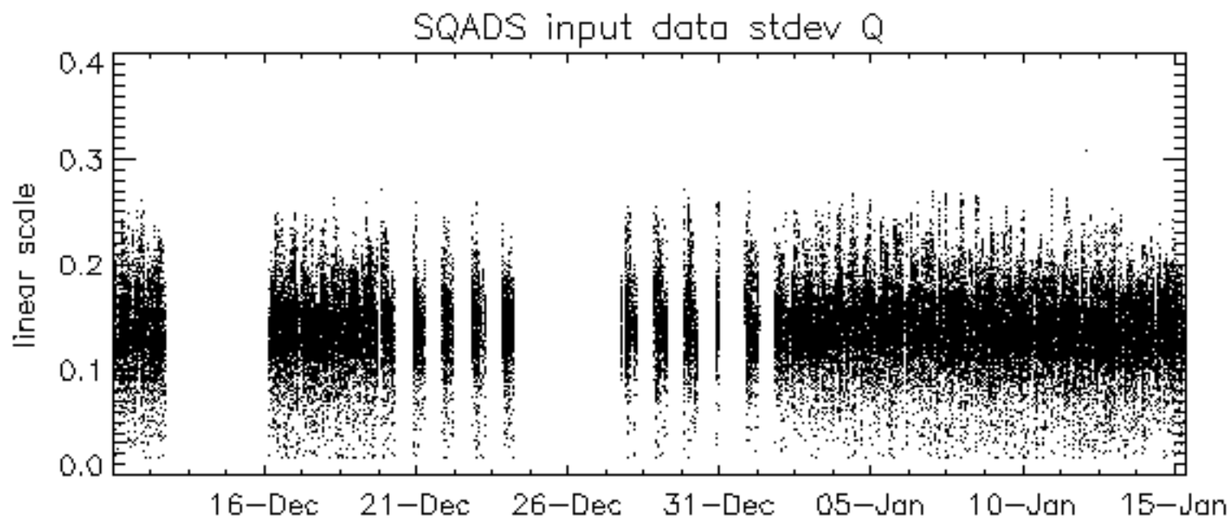

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
10−Jan
15−Jan

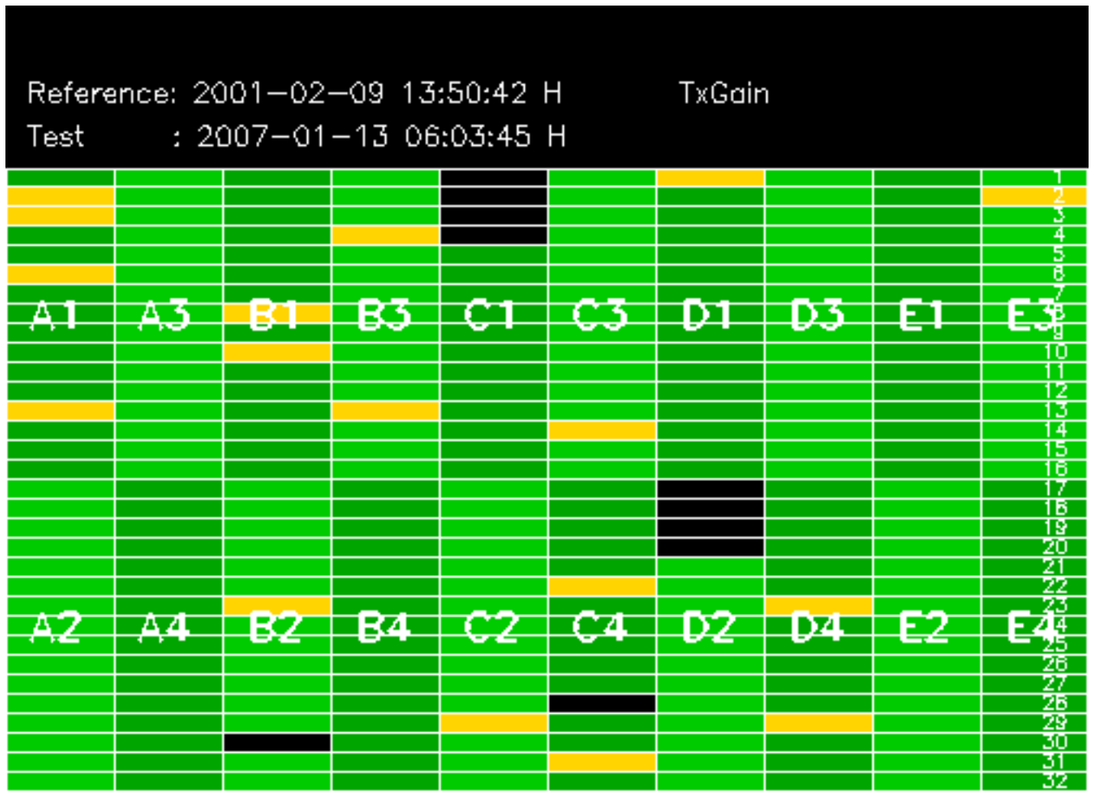

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
10−Jan
15−Jan

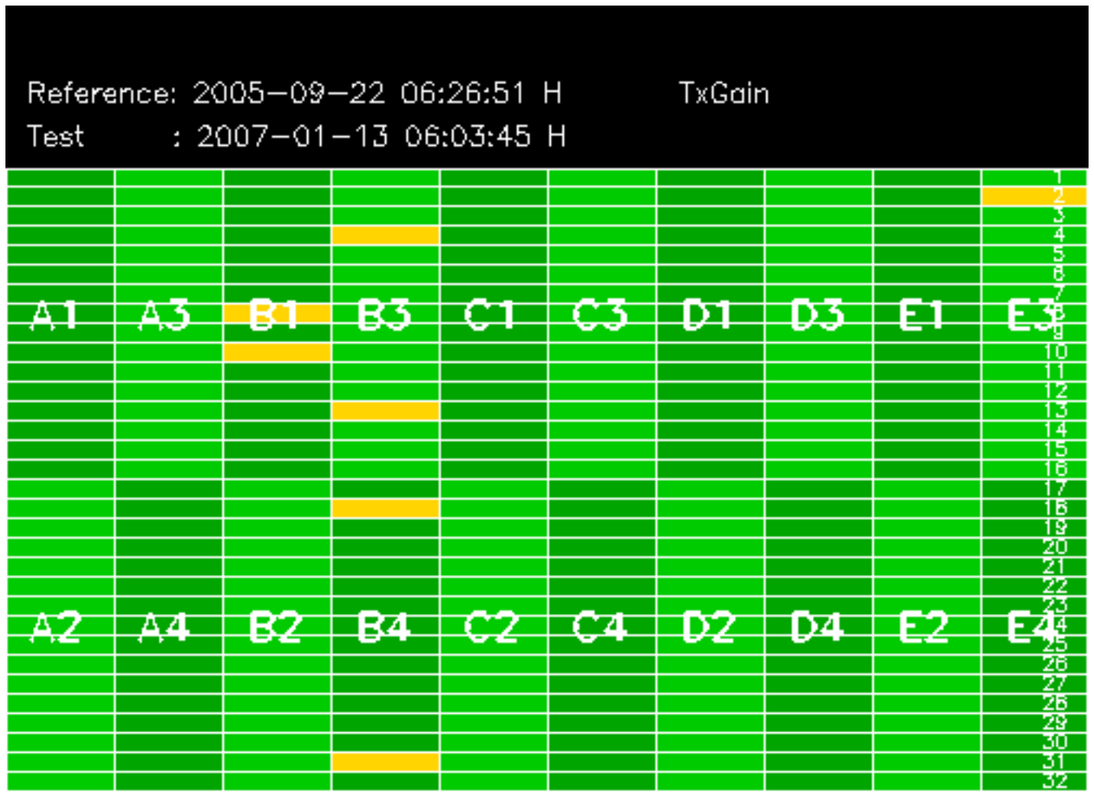

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Dec
21−Dec
26−Dec
31−Dec
05−Jan
10−Jan
15−Jan


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


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
16–Dec
21–Dec
26–Dec
31–Dec
05–Jan
10–Jan
15–Jan


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
16–Dec
21–Dec
26–Dec
31–Dec
05–Jan
10–Jan
15–Jan


Reference: 2001-02-09 13:50:42 H
Test : 2007-01-13 06:03:45 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
Test : 2007-01-13 06:03:45 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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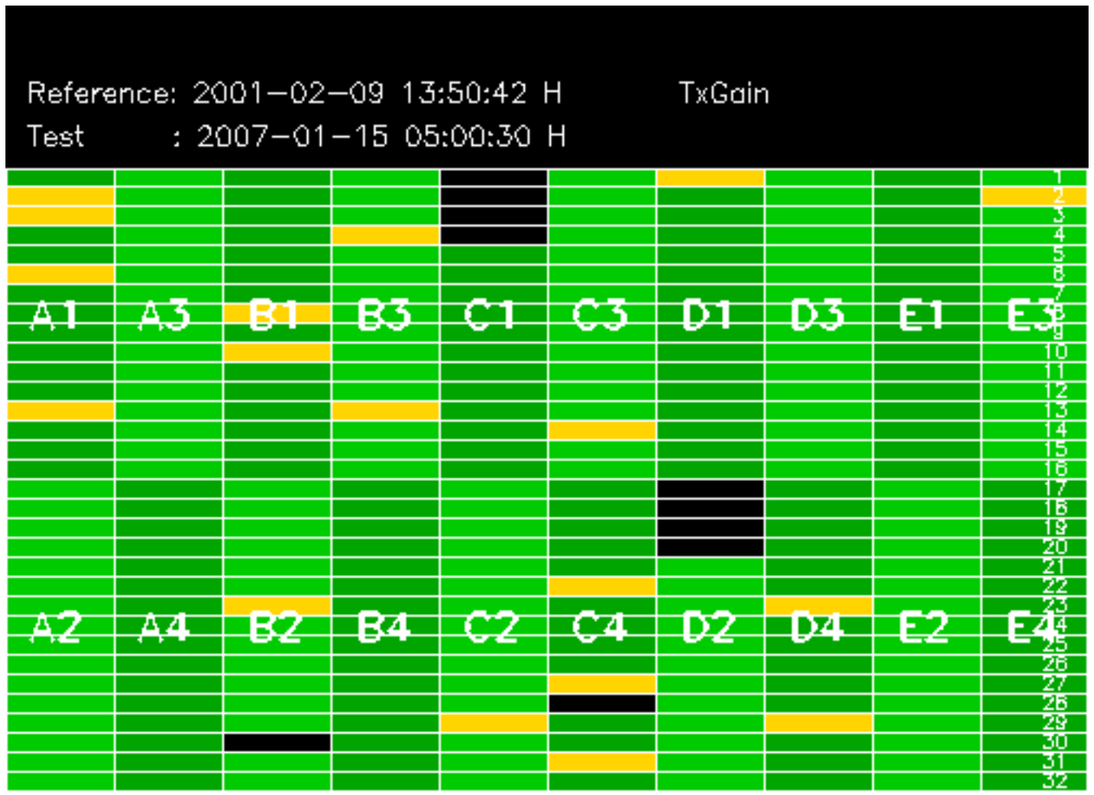
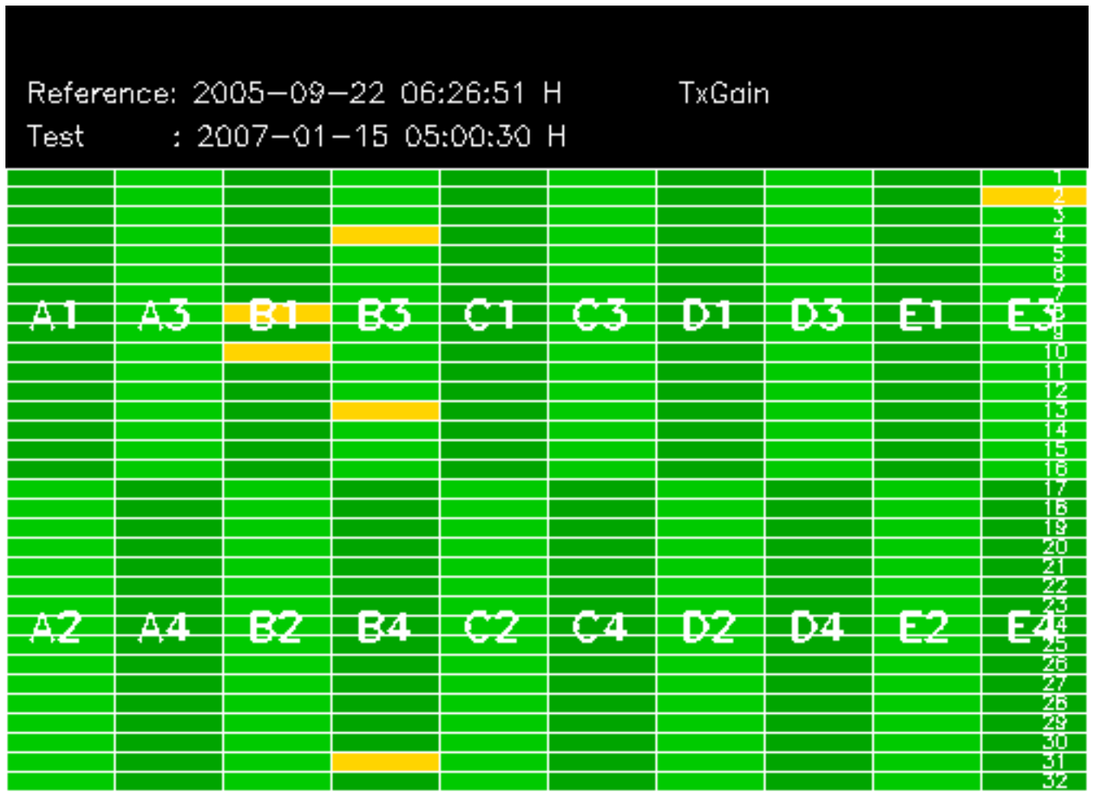

Reference: 2001-02-09 13:50:42 H
Test : 2007-01-15 05:00:30 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
TxGain
Test : 2007-01-15 05:00:30 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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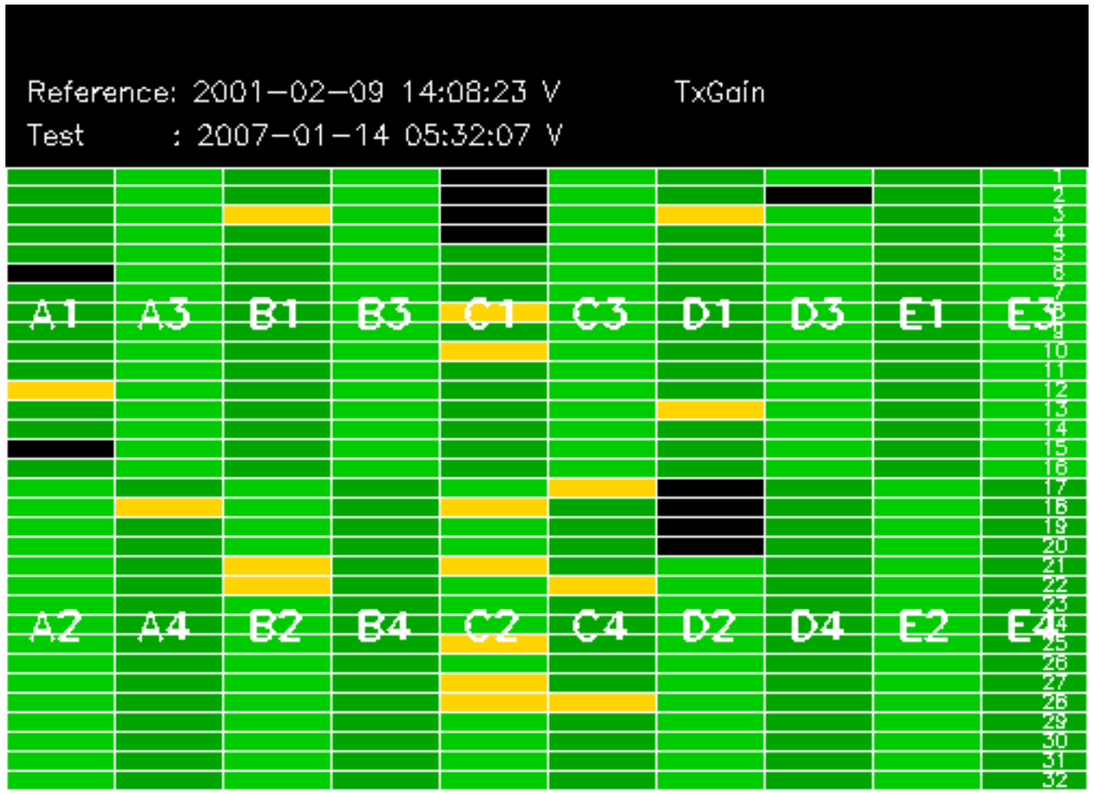
Reference: 2001-02-09 14:08:23 V
Test : 2007-01-14 05:32:07 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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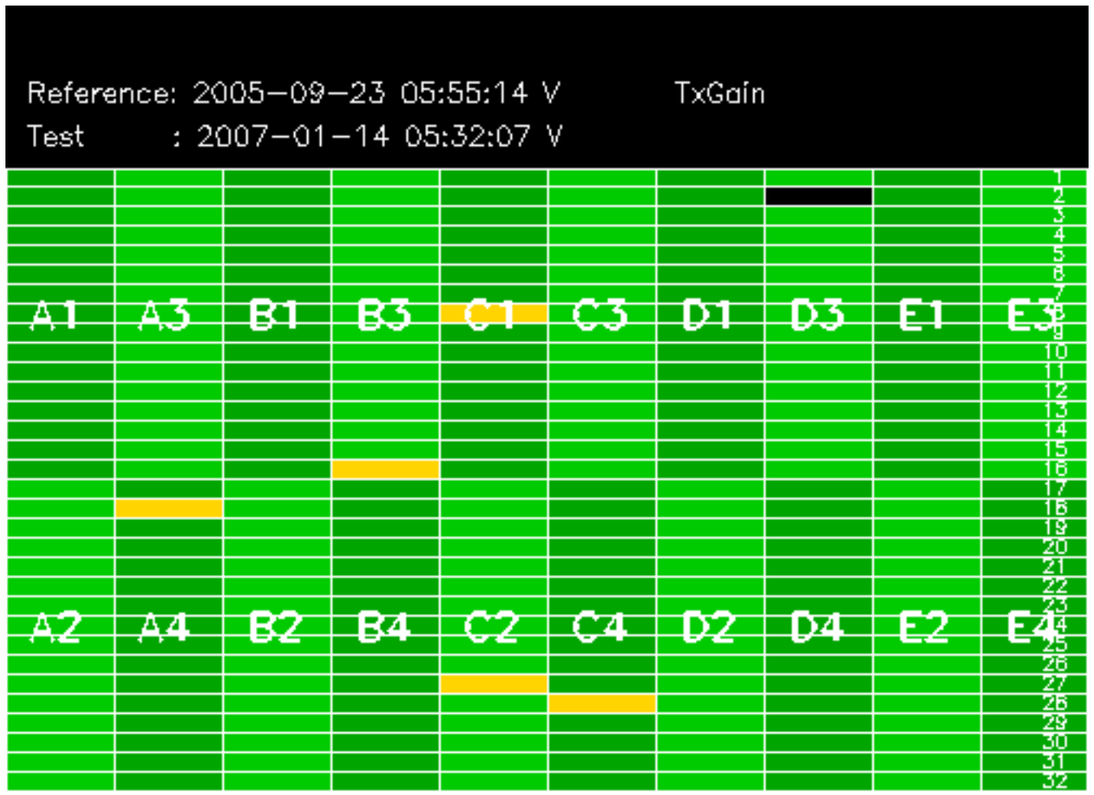
Reference: 2005-09-23 05:55:14 V
Test : 2007-01-14 05:32:07 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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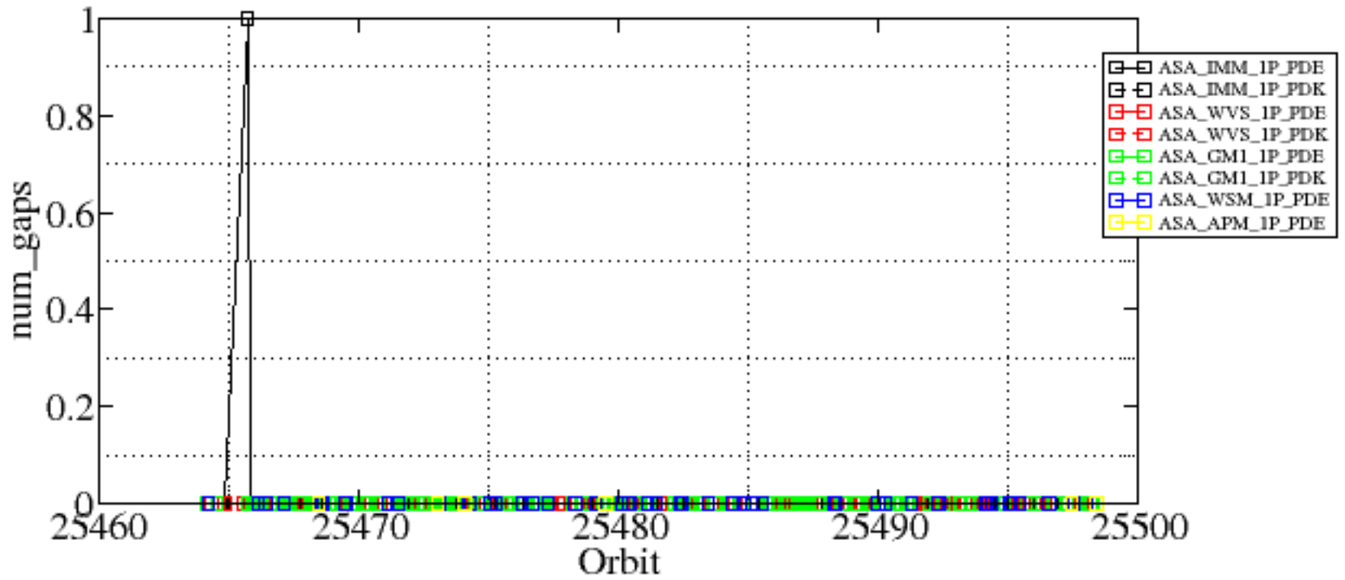
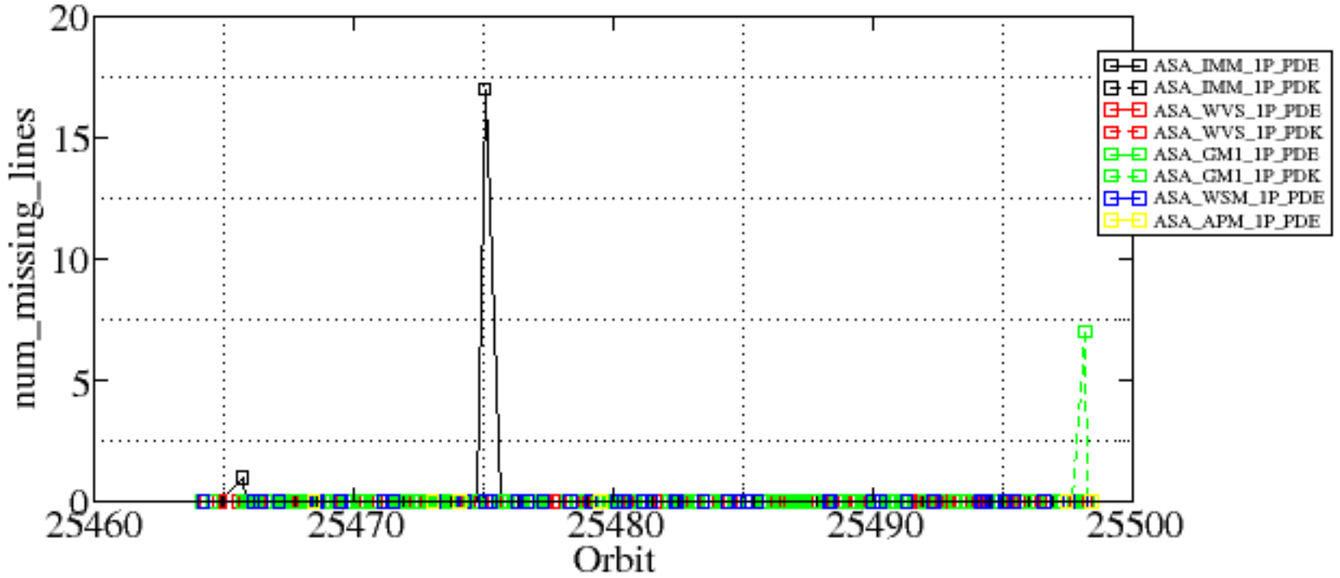
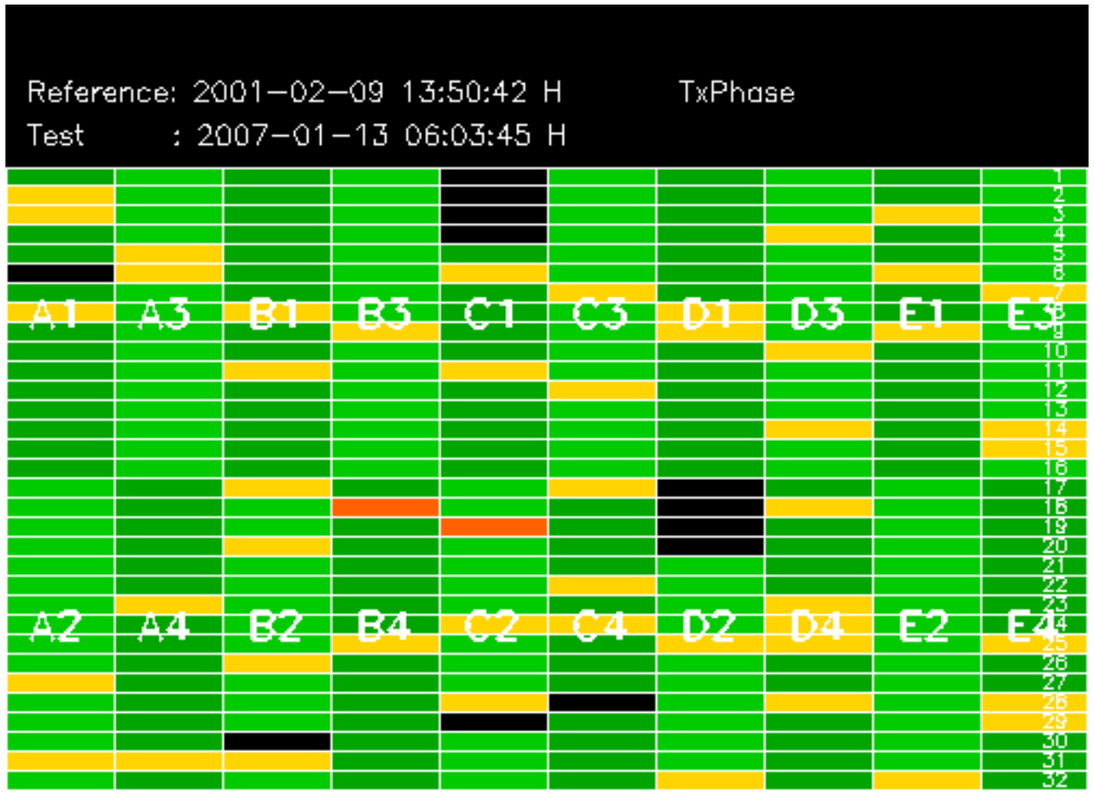
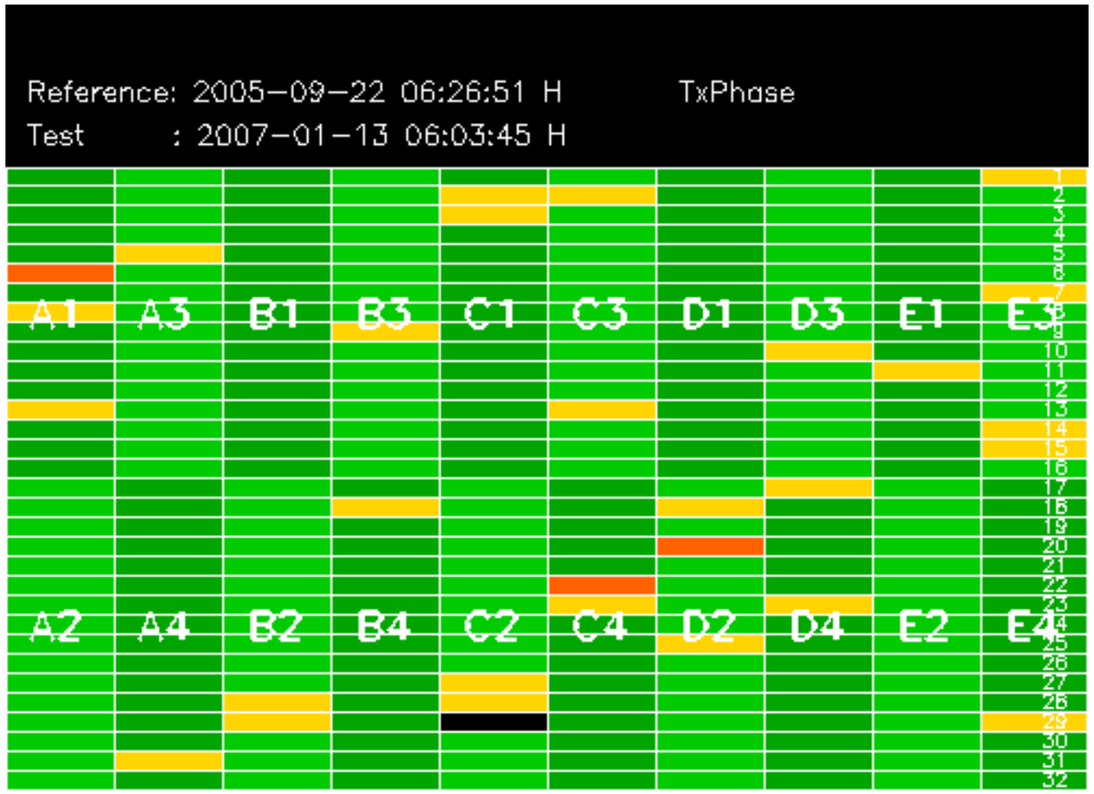
Summary of analysis for the last 3 days 2007011[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20070113_024624_000001482054_00361_25465_5301.N1 </td> <td>1 </td> <td>1 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20070113_182645_000000352054_00371_25475_5884.N1 </td> <td>0 </td> <td>17 </td></tr>
<tr> <td>ASA_GM1_1PNPDK20070115_091257_000003202054_00394_25498_7135.N1 </td> <td>0 </td> <td>7 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
25460
25470
25480
25490
25500
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_APM_1P_PDE


num_missing_lines
20
15
10
5
0
25460
25470
25480
25490
25500
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_APM_1P_PDE


Reference: 2001-02-09 13:50:42 H
Test : 2007-01-13 06:03:45 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
Test : 2007-01-13 06:03:45 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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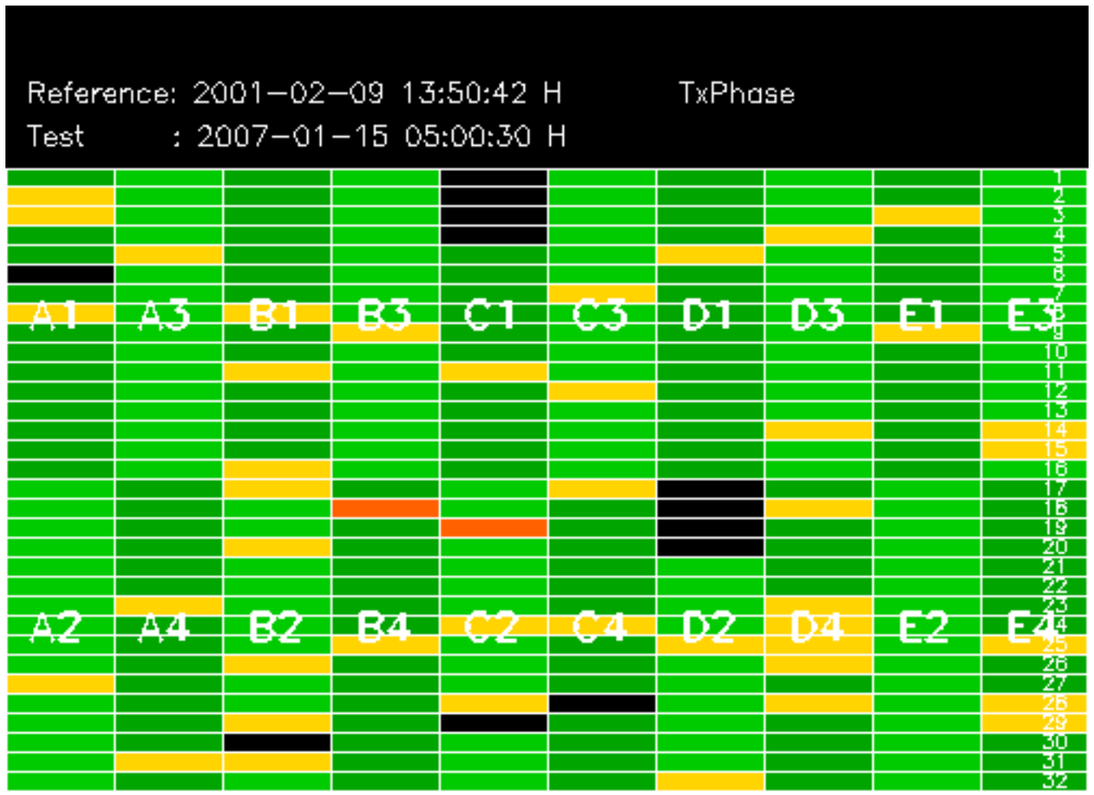
Reference: 2001-02-09 13:50:42 H
Test : 2007-01-15 05:00:30 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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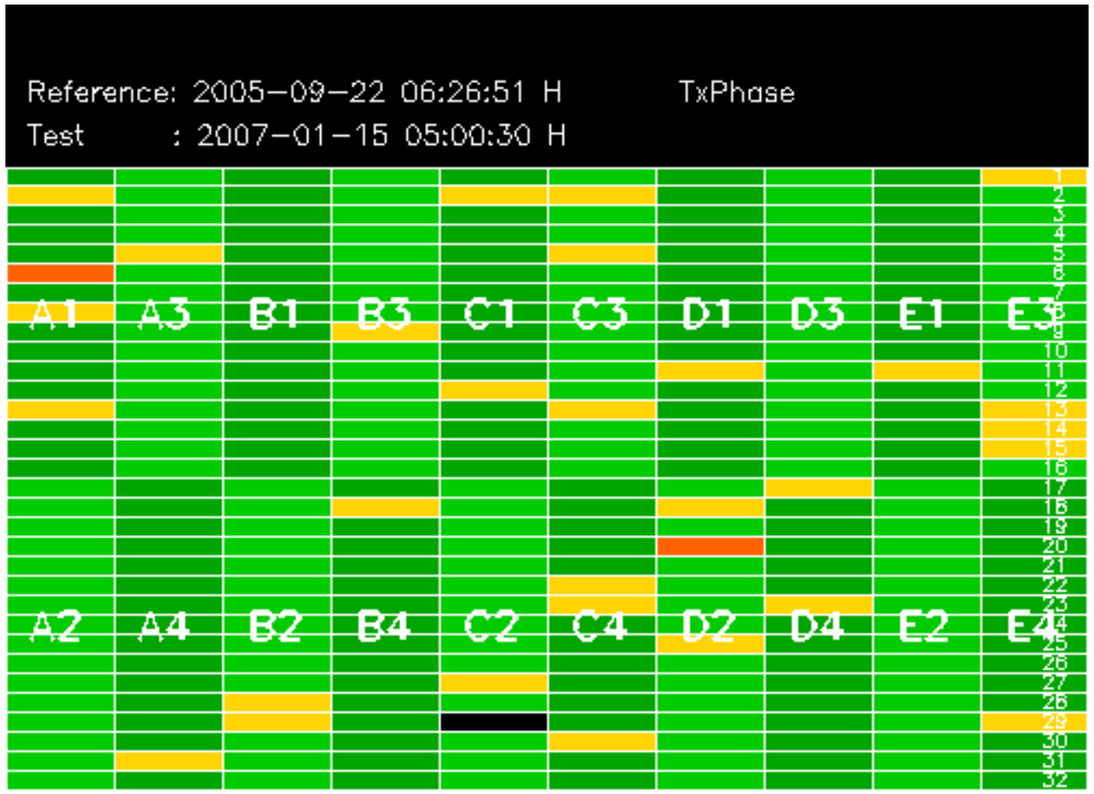
Reference: 2005-09-22 06:26:51 H
Test : 2007-01-15 05:00:30 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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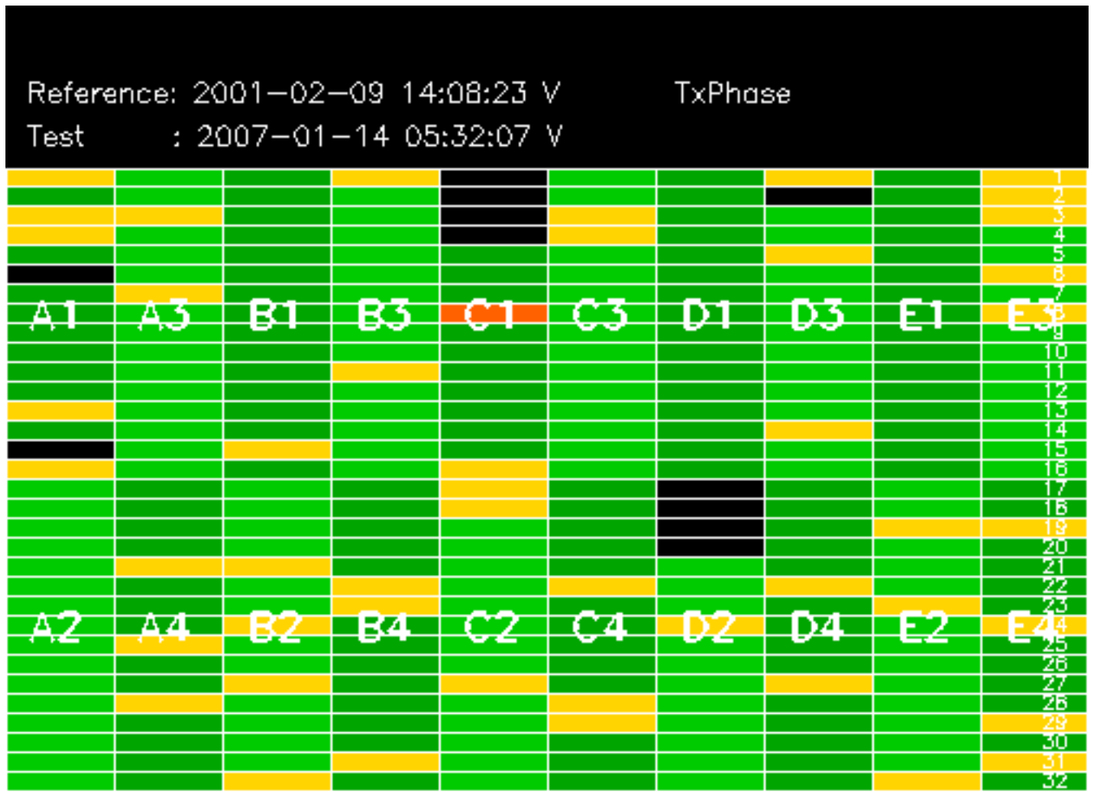
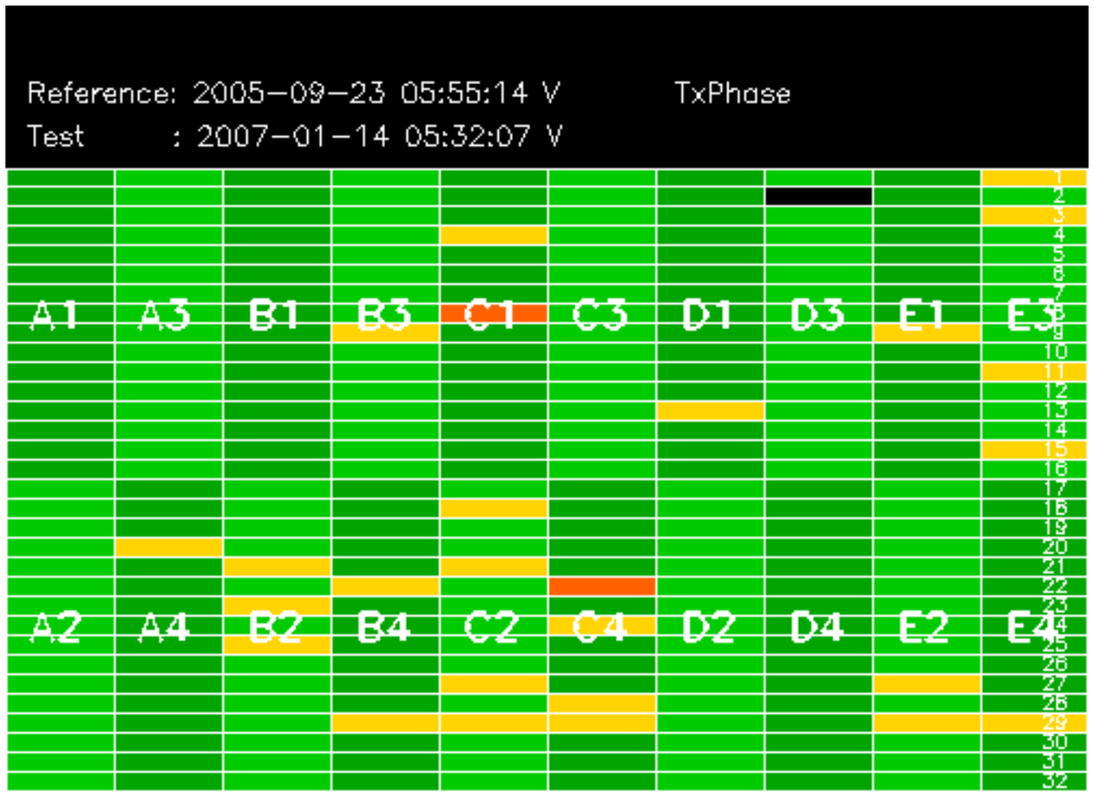

Reference: 2001-02-09 14:08:23 V
Test : 2007-01-14 05:32:07 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2007-01-14 05:32:07 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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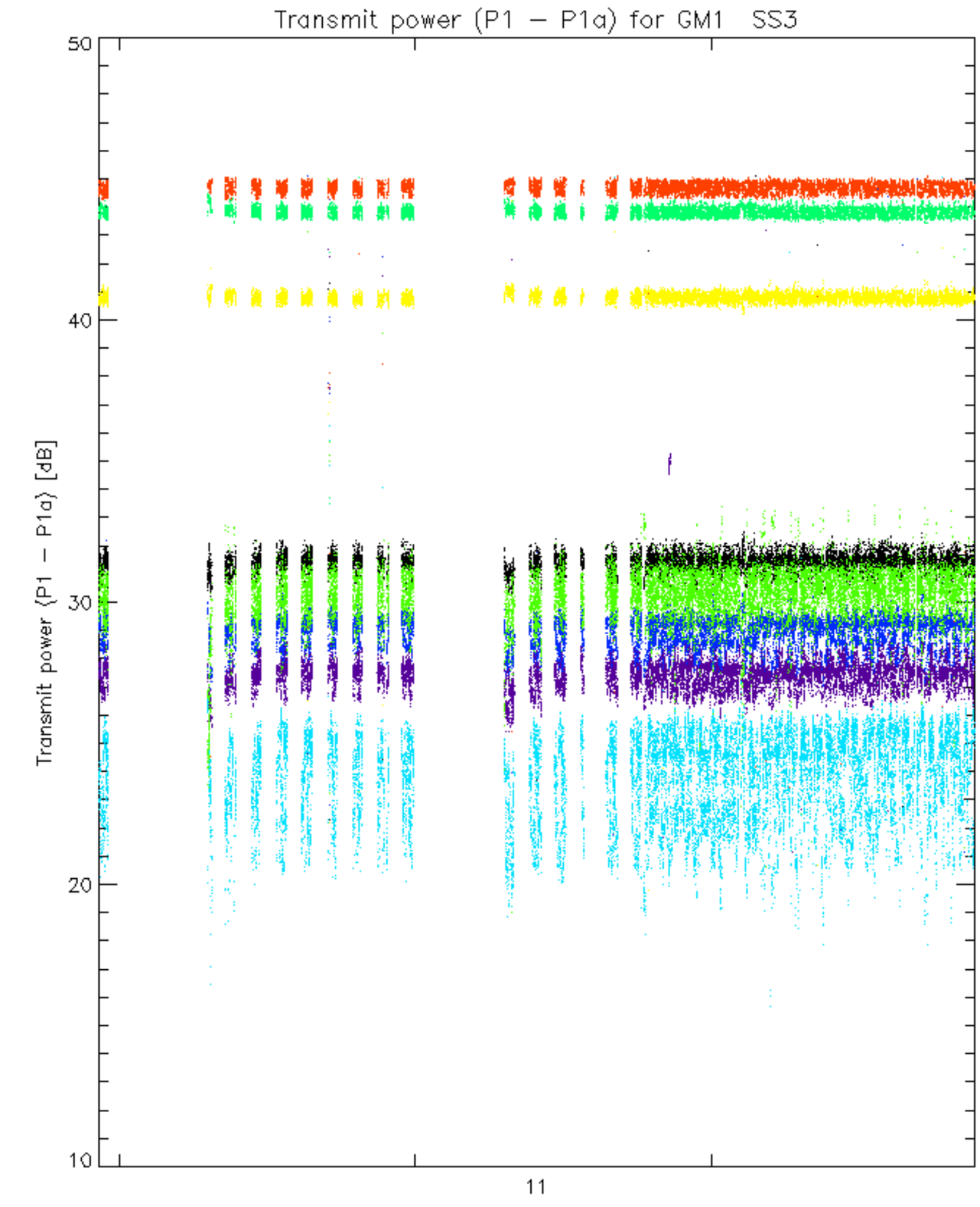
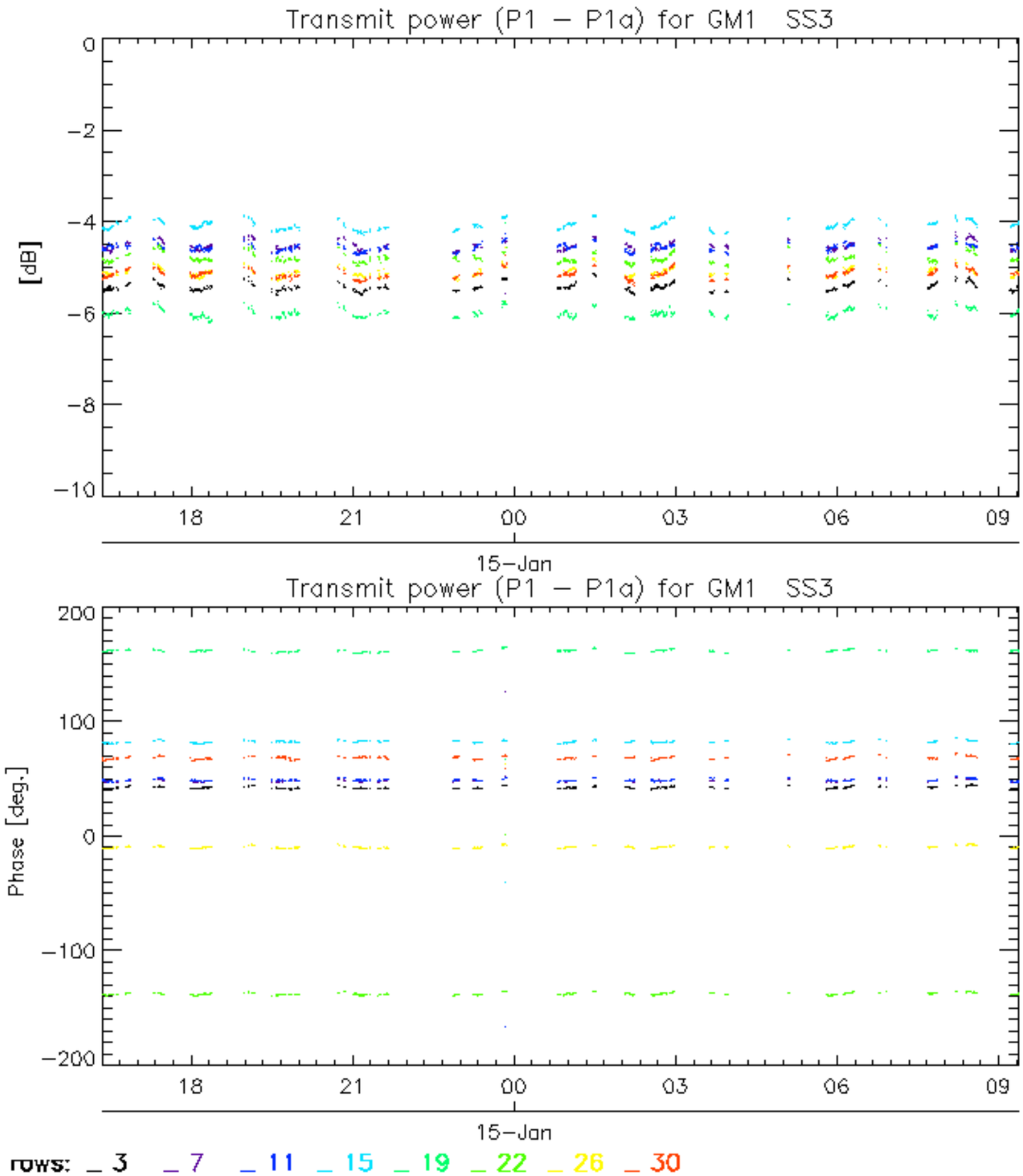
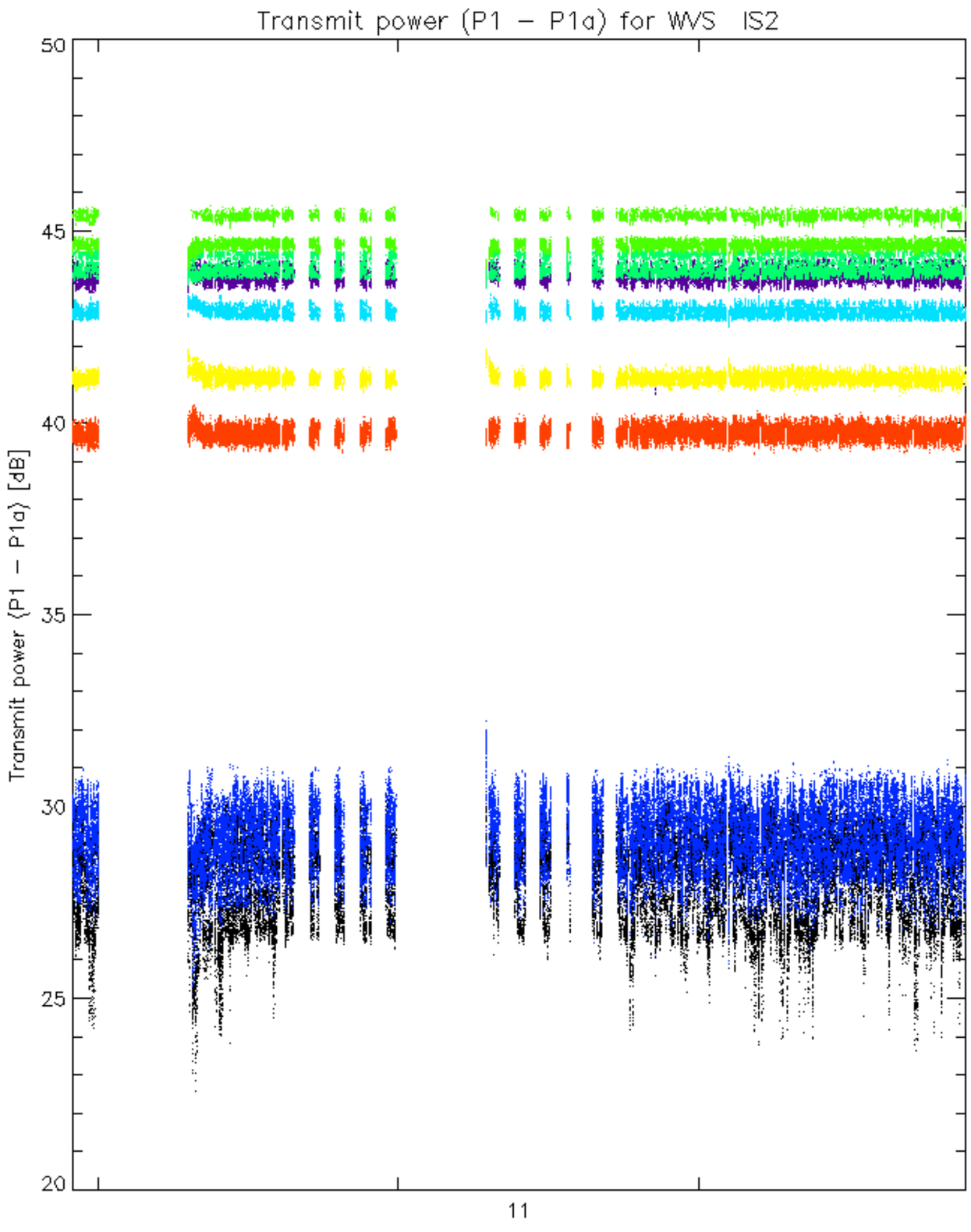
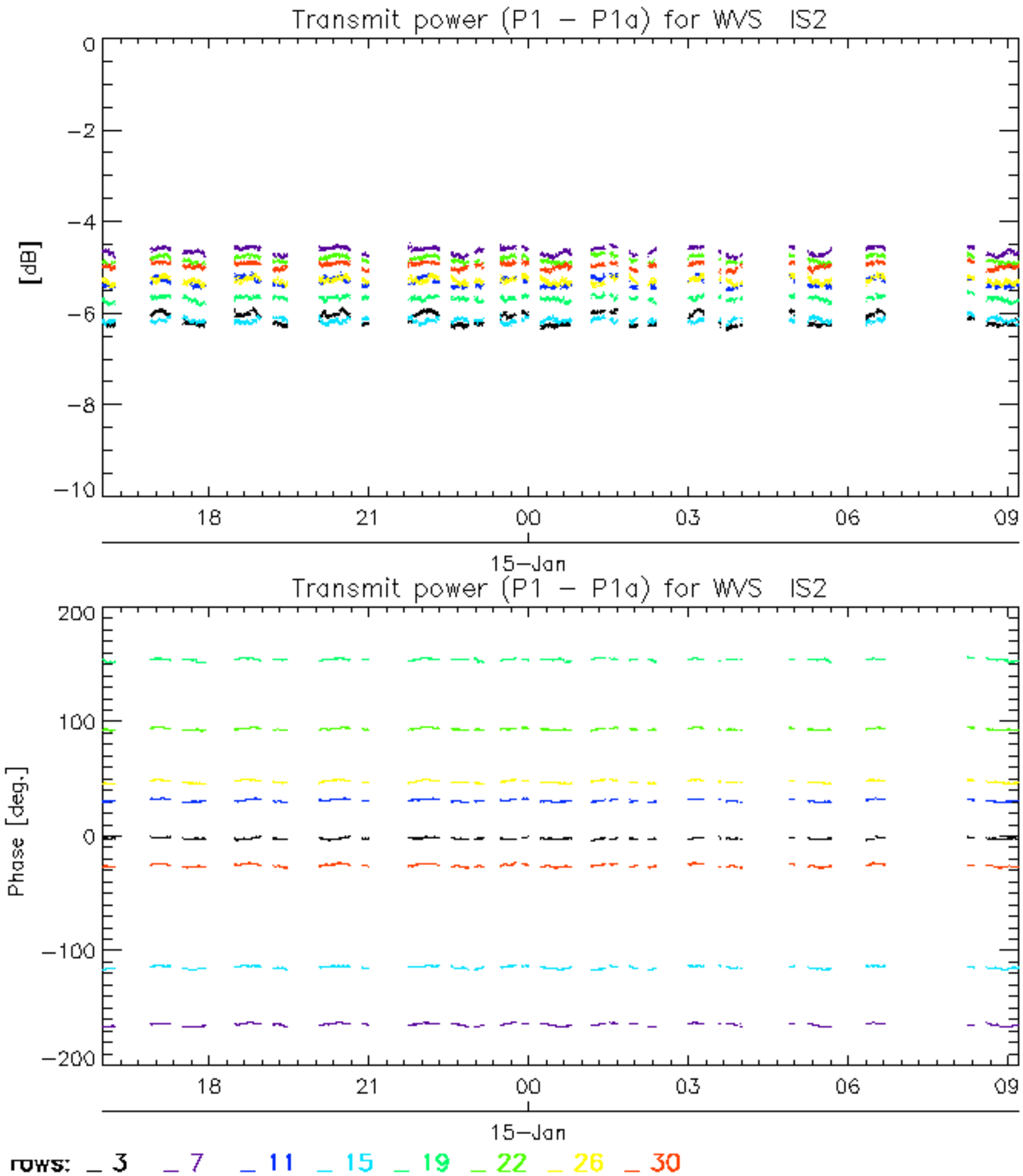

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
11
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
09
15–Jan
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
09
15–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
11
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
09
15–Jan
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
09
15–Jan
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.