PRELIMINARY REPORT OF 050718

last update on Mon Jul 18 11:04:02 GMT 2005

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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 2005-07-17 00:00:00 to 2005-07-18 11:04:02

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

ASA_CON_AXVIEC20050324_172815_20030601_000000_20051231_000000	29	47	15	10	9
ASA_INS_AXVIEC20041215_180208_20030211_000000_20051231_000000	29	47	15	10	9
ASA_XCA_AXVIEC20041027_164238_20040412_000000_20051231_000000	29	47	15	10	9
ASA_XCH_AXVIEC20041215_180350_20020301_000000_20051231_000000	29	47	15	10	9

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20050324_172815_20030601_000000_20051231_000000	38	51	39	5	54
ASA_INS_AXVIEC20041215_180208_20030211_000000_20051231_000000	38	51	39	5	54
ASA_XCA_AXVIEC20041027_164238_20040412_000000_20051231_000000	38	51	39	5	54
ASA_XCH_AXVIEC20041215_180350_20020301_000000_20051231_000000	38	51	39	5	54

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	20050717 095353
H	20050716 084454

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	-3.323890	0.006838	0.025709
7	P1	-3.138794	0.015323	0.019080
11	P1	-4.670922	0.033610	-0.066165
15	P1	-5.539732	0.047069	-0.068420
19	P1	-3.784032	0.045219	-0.047108
22	P1	-4.609267	0.066362	-0.036399
26	P1	-4.851611	0.070414	0.003910
30	P1	-7.202724	0.158483	-0.101828
3	P1	-15.569448	0.086963	-0.024546
7	P1	-15.546561	0.111664	0.100749
11	P1	-21.561687	0.266430	-0.249484
15	P1	-11.288731	0.045882	0.004387
19	P1	-14.490705	0.255448	-0.081425
22	P1	-15.810241	0.354519	0.207841
26	P1	-17.537958	0.262440	0.295934
30	P1	-17.758654	0.358949	0.126495

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.896000	0.083083	0.141526
7	P2	-22.077044	0.105695	0.197384
11	P2	-13.750521	0.104857	0.271295
15	P2	-7.107048	0.093205	0.094183
19	P2	-9.600140	0.094283	0.040755
22	P2	-16.863285	0.094381	0.037692
26	P2	-16.507254	0.096027	0.028057
30	P2	-18.789881	0.083047	0.005570

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.160005	0.002761	0.016969
7	P3	-8.160005	0.002761	0.016969
11	P3	-8.160005	0.002761	0.016969
15	P3	-8.160005	0.002761	0.016969
19	P3	-8.160005	0.002761	0.016969
22	P3	-8.160005	0.002761	0.016969
26	P3	-8.160005	0.002761	0.016969
30	P3	-8.160005	0.002761	0.016969

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	-2.788290	0.013933	0.028257
7	P1	-2.953536	0.031608	-0.000047
11	P1	-3.989650	0.017396	-0.034477
15	P1	-3.555751	0.023789	-0.056695
19	P1	-3.673851	0.117708	-0.031496
22	P1	-5.669966	0.112532	-0.055233
26	P1	-7.378176	0.197458	-0.103191
30	P1	-6.320262	0.117683	-0.079997
3	P1	-10.823490	0.040054	0.039616
7	P1	-10.439122	0.157365	-0.033889
11	P1	-12.598225	0.110755	-0.067727
15	P1	-11.617686	0.076347	0.005163
19	P1	-15.687857	1.364571	-0.043515
22	P1	-25.896008	3.579659	0.554793
26	P1	-15.463363	0.421727	0.227373
30	P1	-20.163744	1.288787	0.266787

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.645329	0.047937	0.151053
7	P2	-22.072058	0.039509	0.077601
11	P2	-9.749652	0.061889	0.182698
15	P2	-5.132228	0.046028	0.015418
19	P2	-6.912072	0.062815	0.017531
22	P2	-7.091870	0.039506	0.031163
26	P2	-23.970228	0.043603	-0.015962
30	P2	-21.961309	0.040419	0.019159

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-7.999168	0.004082	-0.000683
7	P3	-7.999253	0.004066	-0.000592
11	P3	-7.999194	0.004069	-0.000161
15	P3	-7.999229	0.004076	-0.000517
19	P3	-7.999258	0.004078	-0.000733
22	P3	-7.999260	0.004064	-0.000685
26	P3	-7.999309	0.004065	-0.000506
30	P3	-7.999248	0.004068	-0.000612

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	0.000462914
	stdev	2.17773e-07
MEAN Q	mean	0.000498911
	stdev	2.32833e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.127592
	stdev	0.000983840
STDEV Q	mean	0.127830
	stdev	0.000994326

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2005071[678]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20050716_111220_000000512039_00066_17655_2098.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

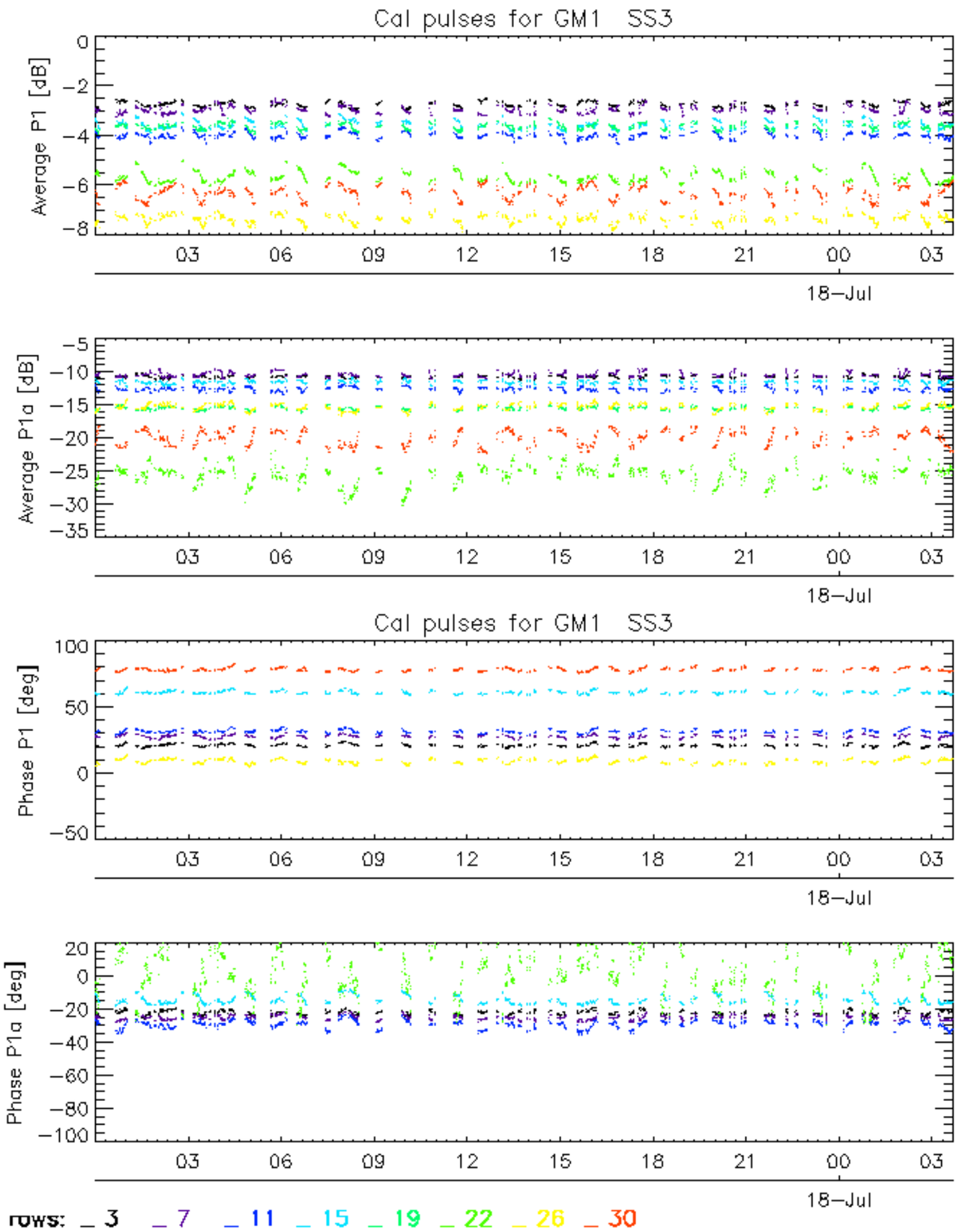
Descending

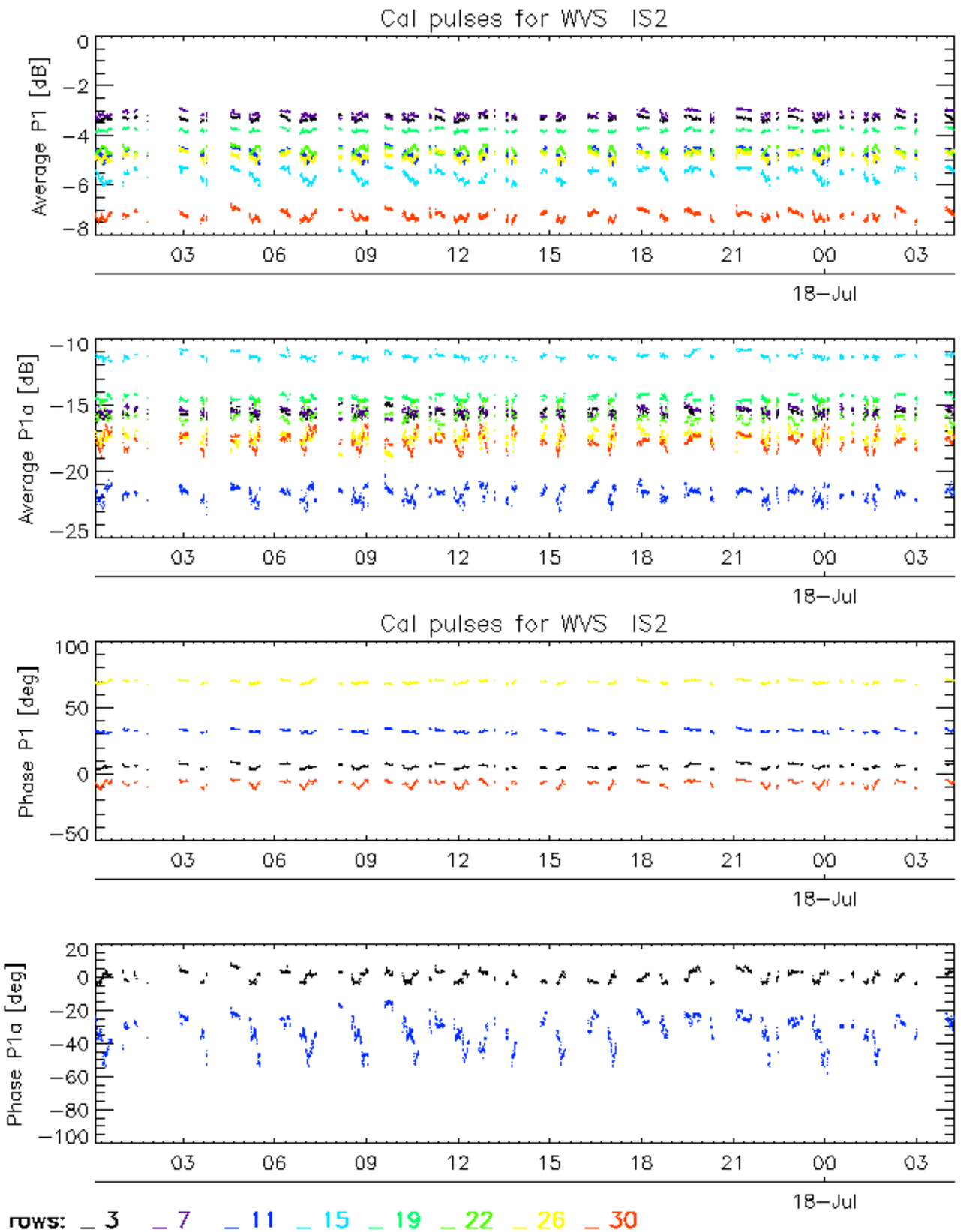
7.5 - Absolute Doppler for GM1

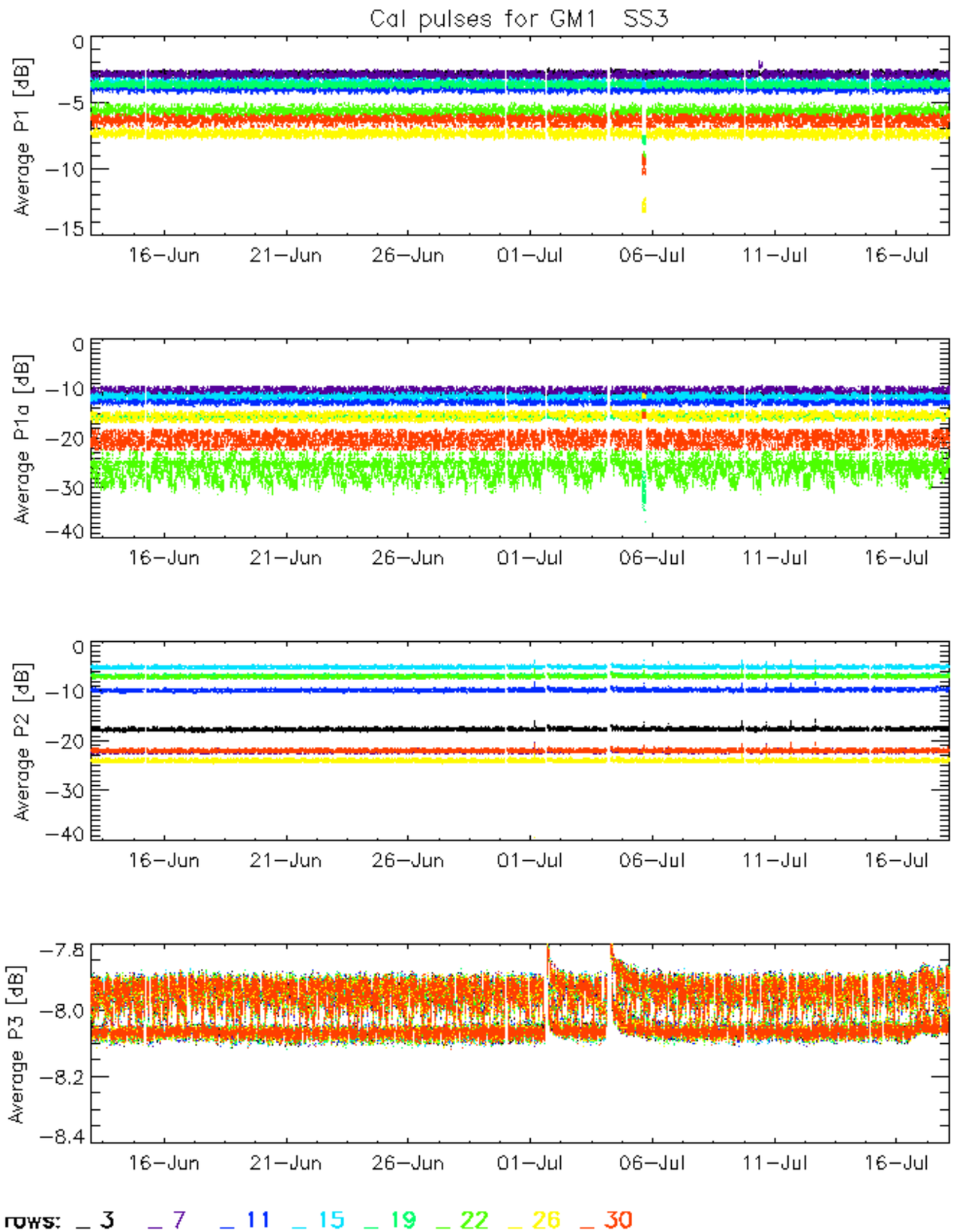
Evolution of Absolute Doppler
☒
Acsending
☒
Descending

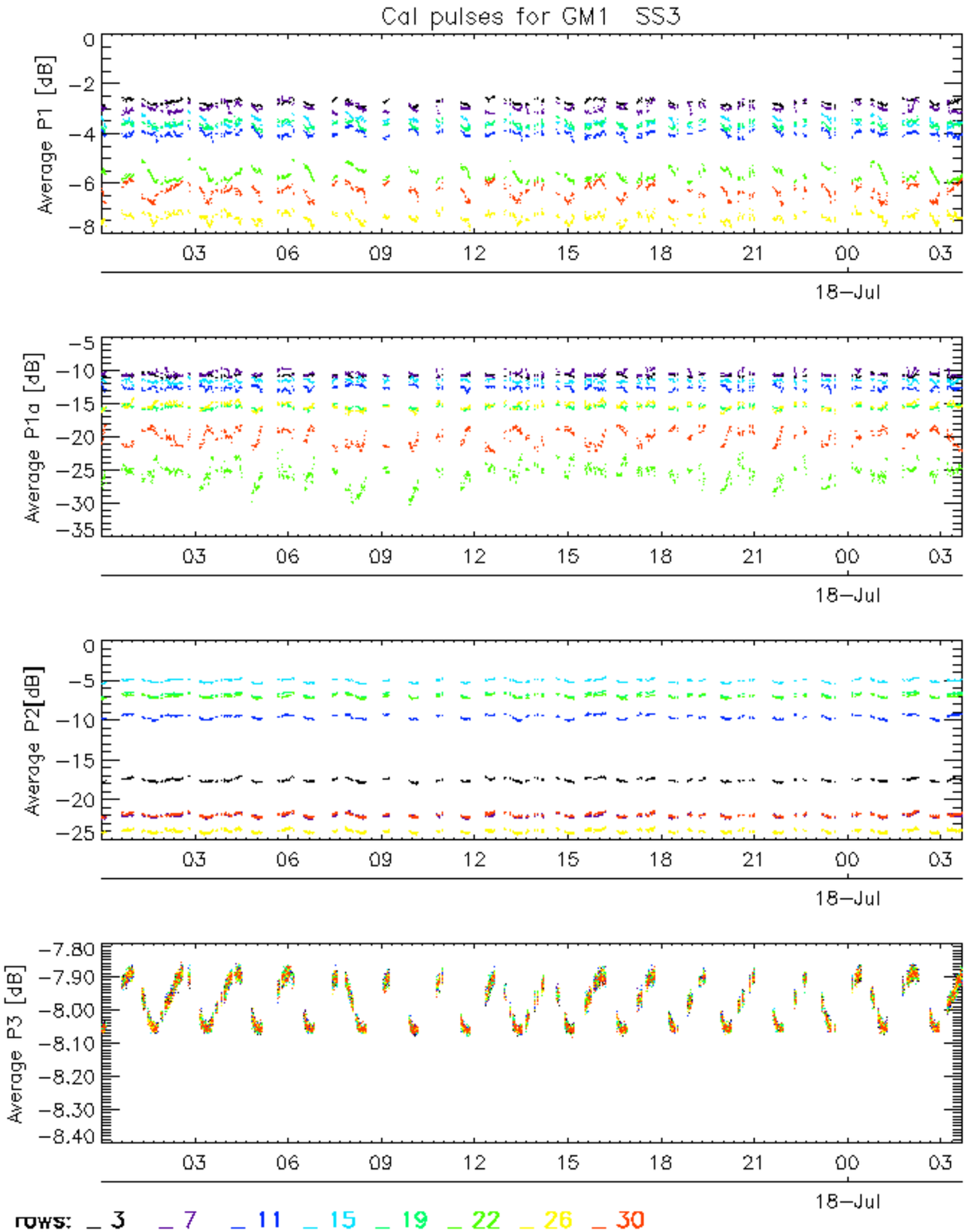
7.6 - Doppler evolution versus ANX for GM1

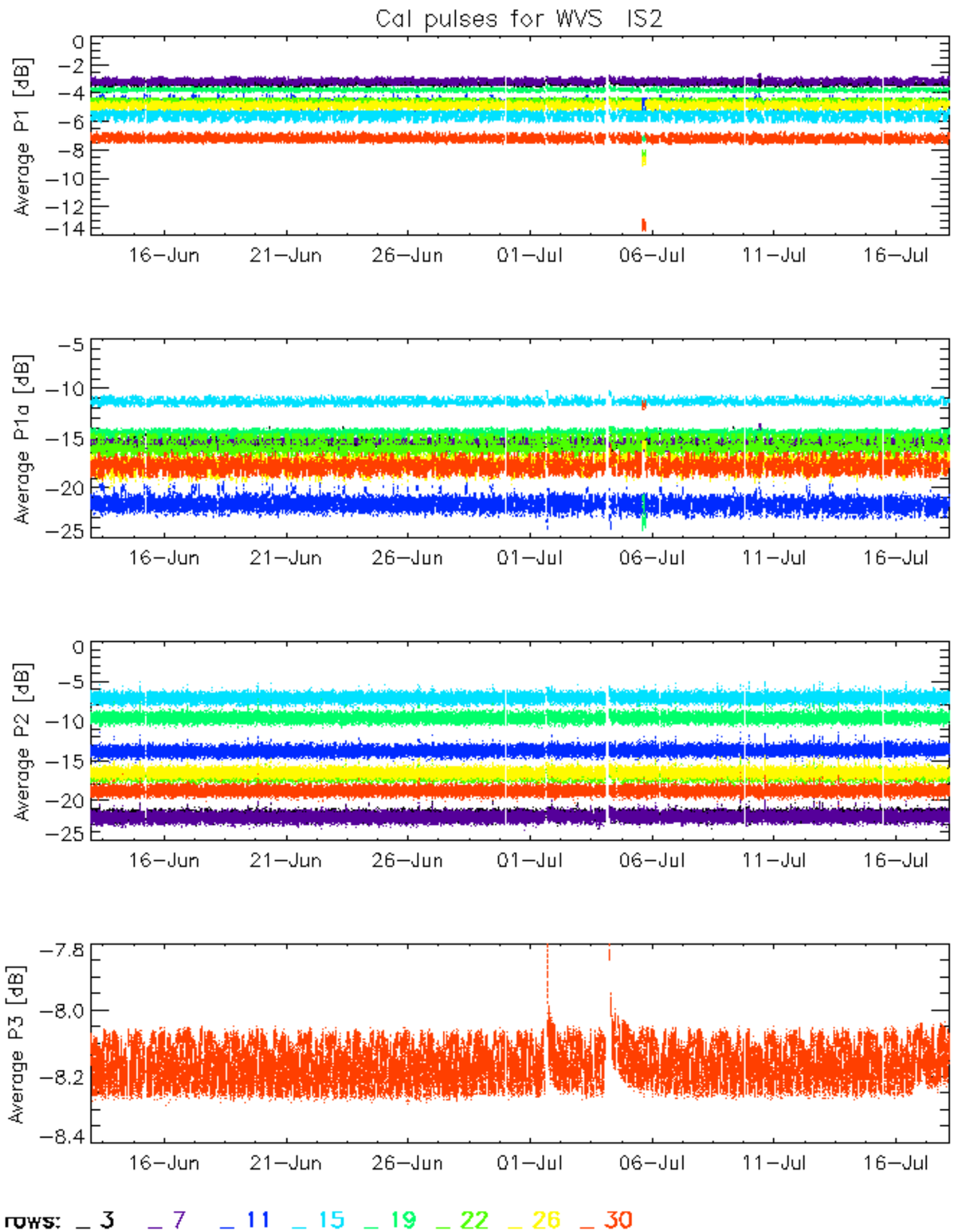
Evolution Doppler error versus ANX
☒

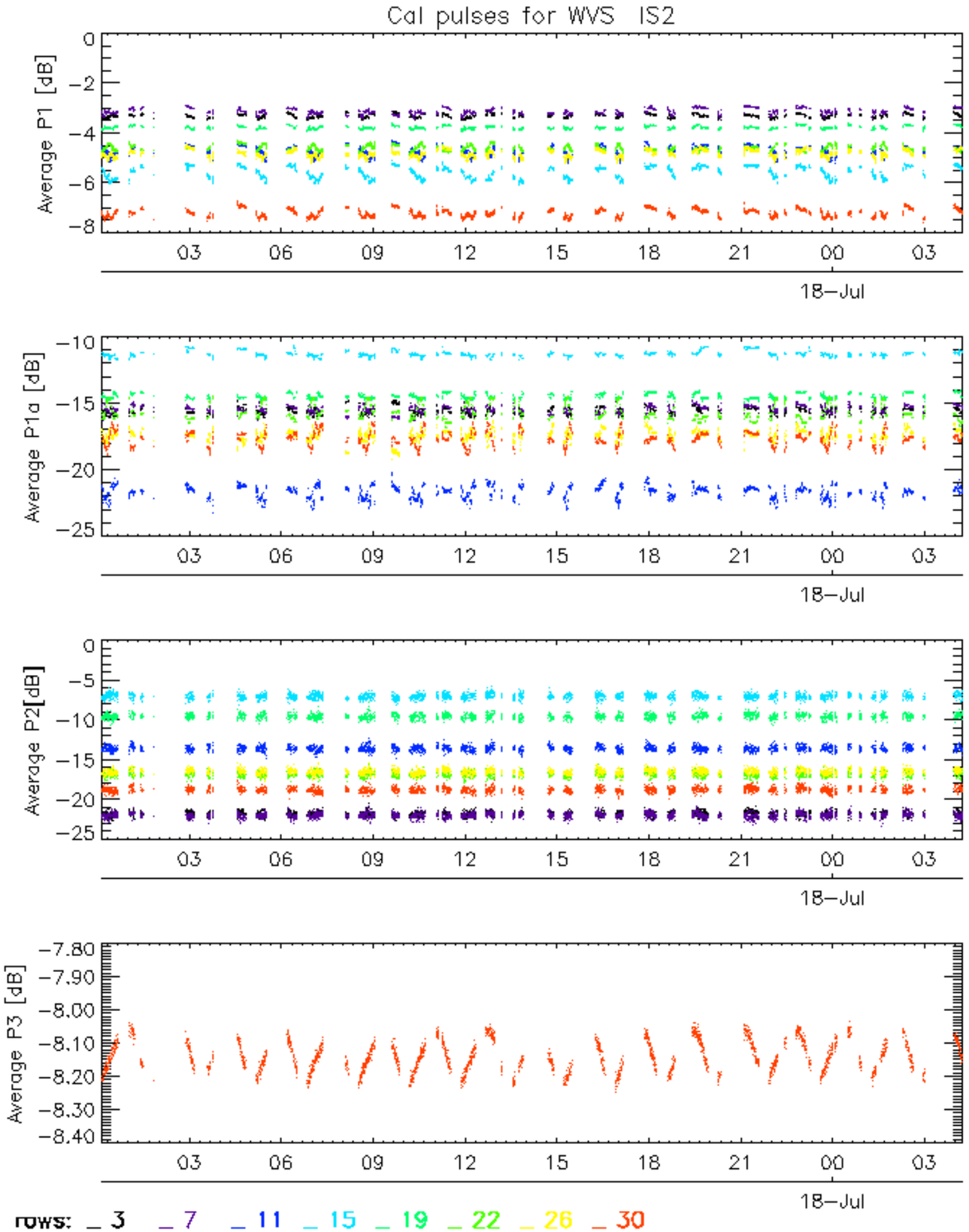

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
00
03
18−Jul
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
Cal pulses for GM1 SS3
Phase P1 [deg]
100
50
0
−50
Phase P1a [deg]
20
0
−20
−40
−60
−80
−100
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
00
03
18−Jul
Average P1a [dB]
−10
−15
−20
−25
Cal pulses for WVS IS2
Phase P1 [deg]
100
50
0
−50
Phase P1a [deg]
20
0
−20
−40
−60
−80
−100
rows: 3 7 11 15 19 22 26 30

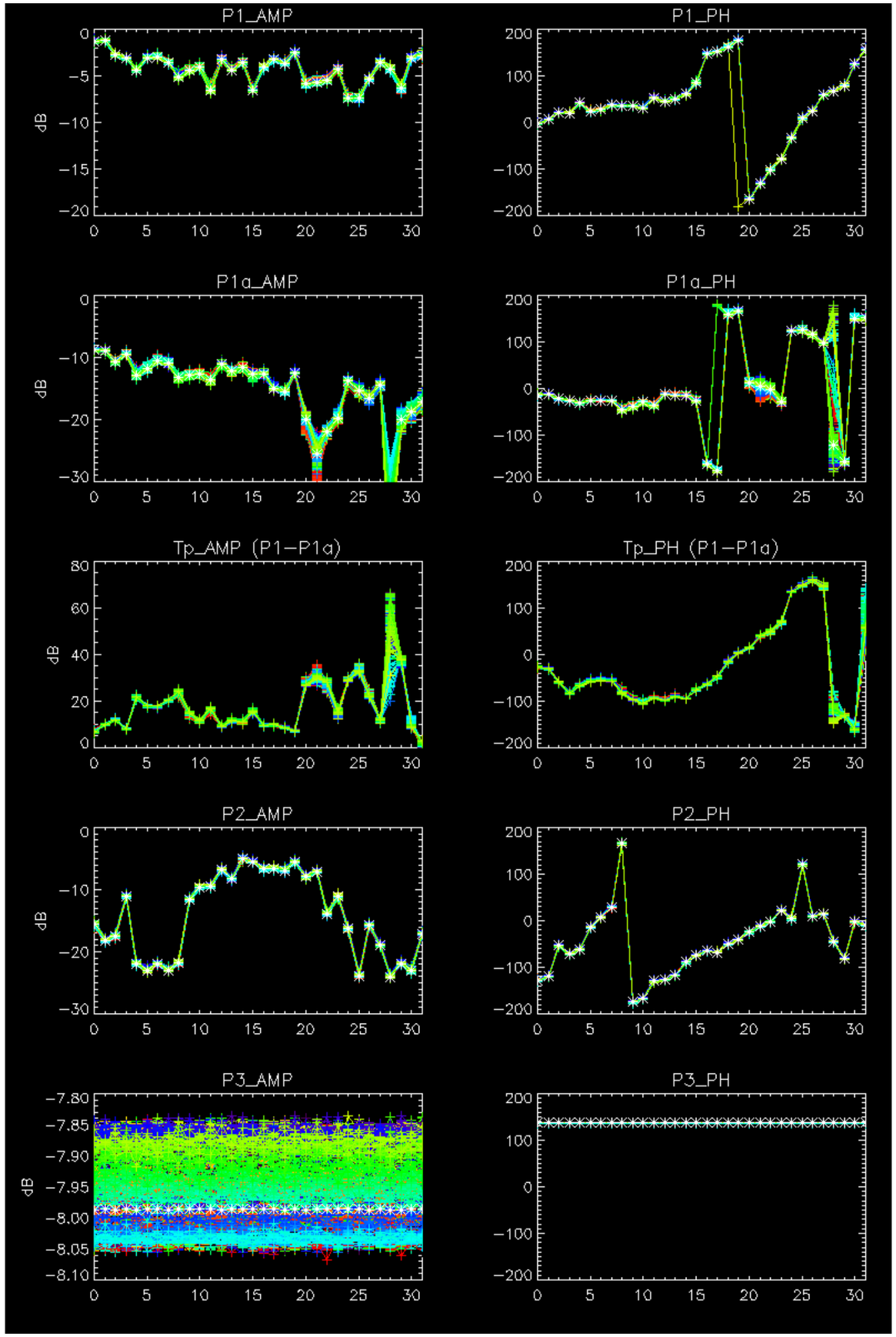

Cal pulses for GM1 SS3
Average P1 [dB]
0
−5
−10
−15
16−Jun
21−Jun
26−Jun
01−Jul
06−Jul
11−Jul
16−Jul
Average P1a [dB]
0
−10
−20
−30
−40
Average P2 [dB]
0
−10
−20
−30
−40
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

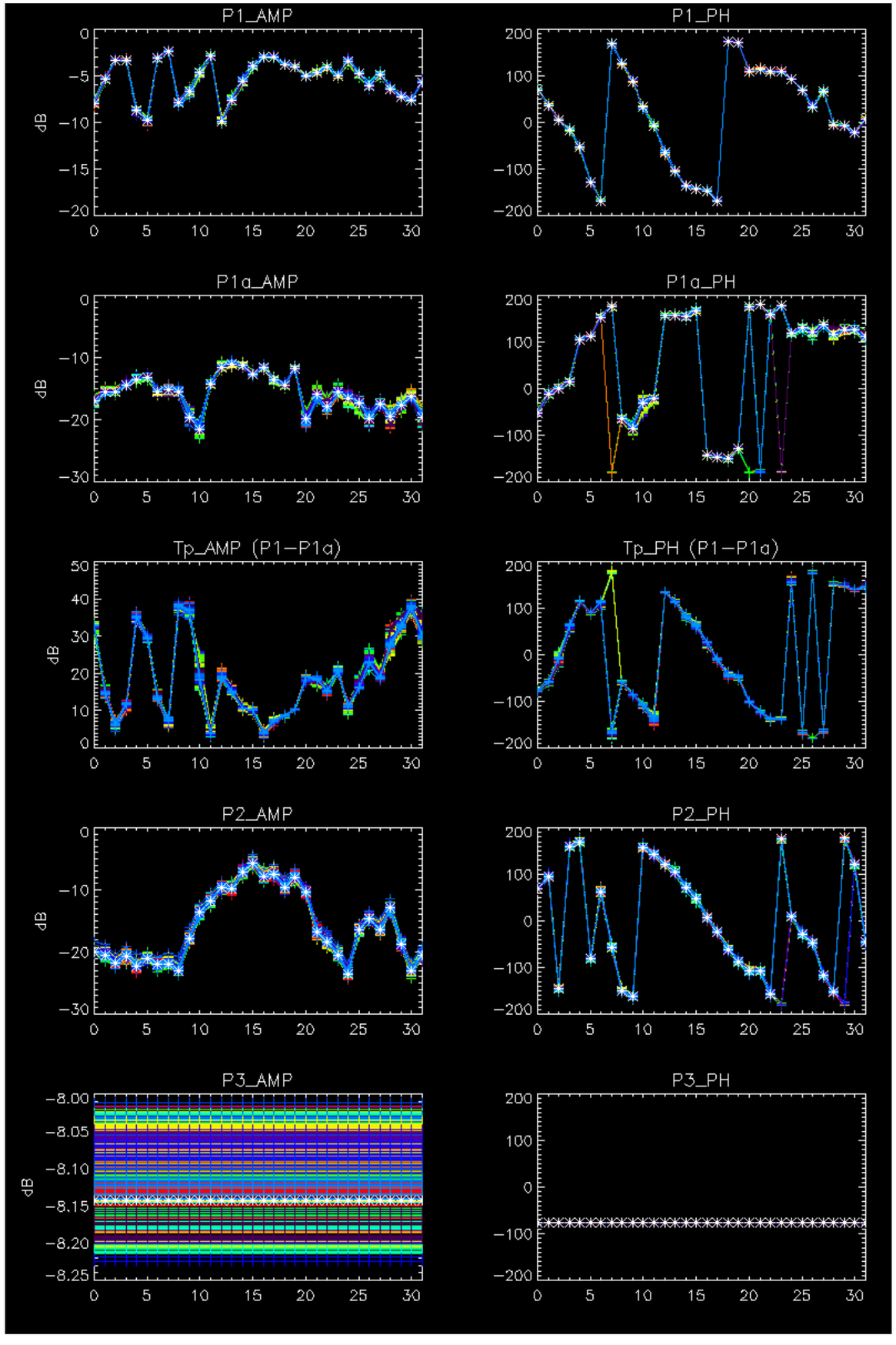

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
00
03
18−Jul
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
−10
−12
−14
16−Jun
21−Jun
26−Jun
01−Jul
06−Jul
11−Jul
16−Jul
Average P1a [dB]
−5
−10
−15
−20
−25
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 WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
00
03
18−Jul
Average P1a [dB]
−10
−15
−20
−25
Average P2[dB]
−5
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

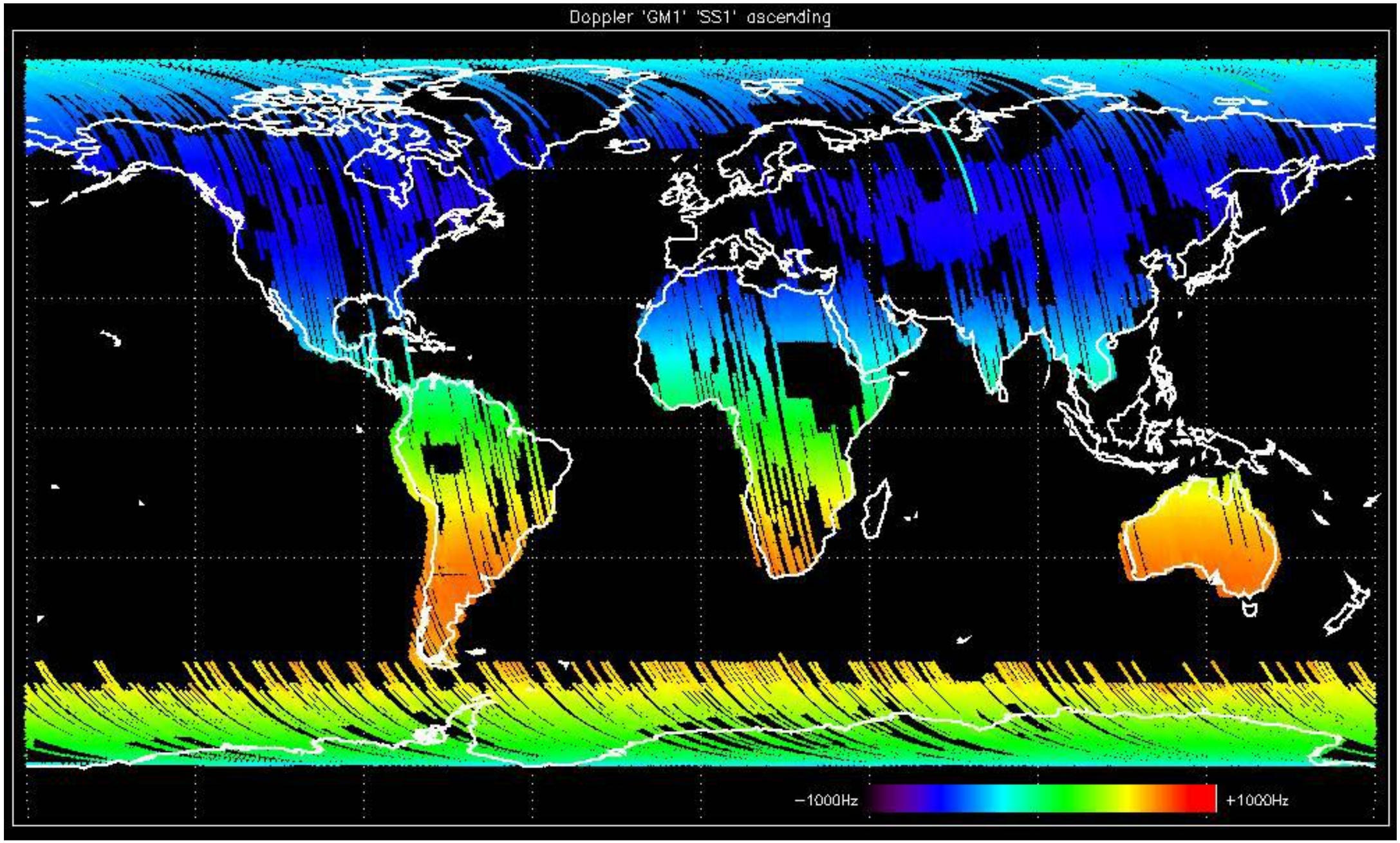
No anomalies observed.

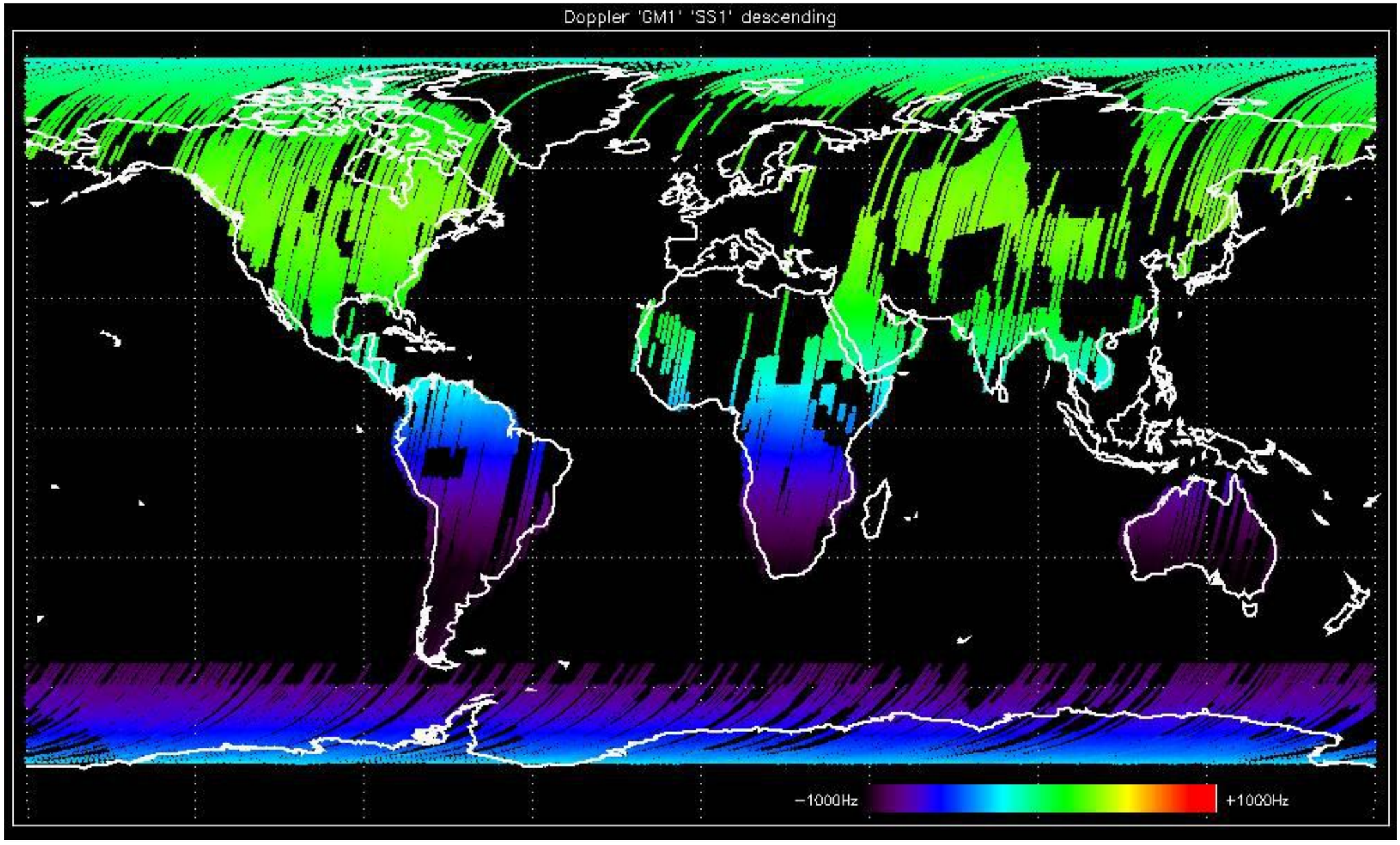

P1_AMP
P1_PH
P1a_AMP
P1a_PH
Tp_AMP (P1−P1a)
Tp_PH (P1−P1a)
P2_AMP
P2_PH
P3_AMP
P3_PH
dB

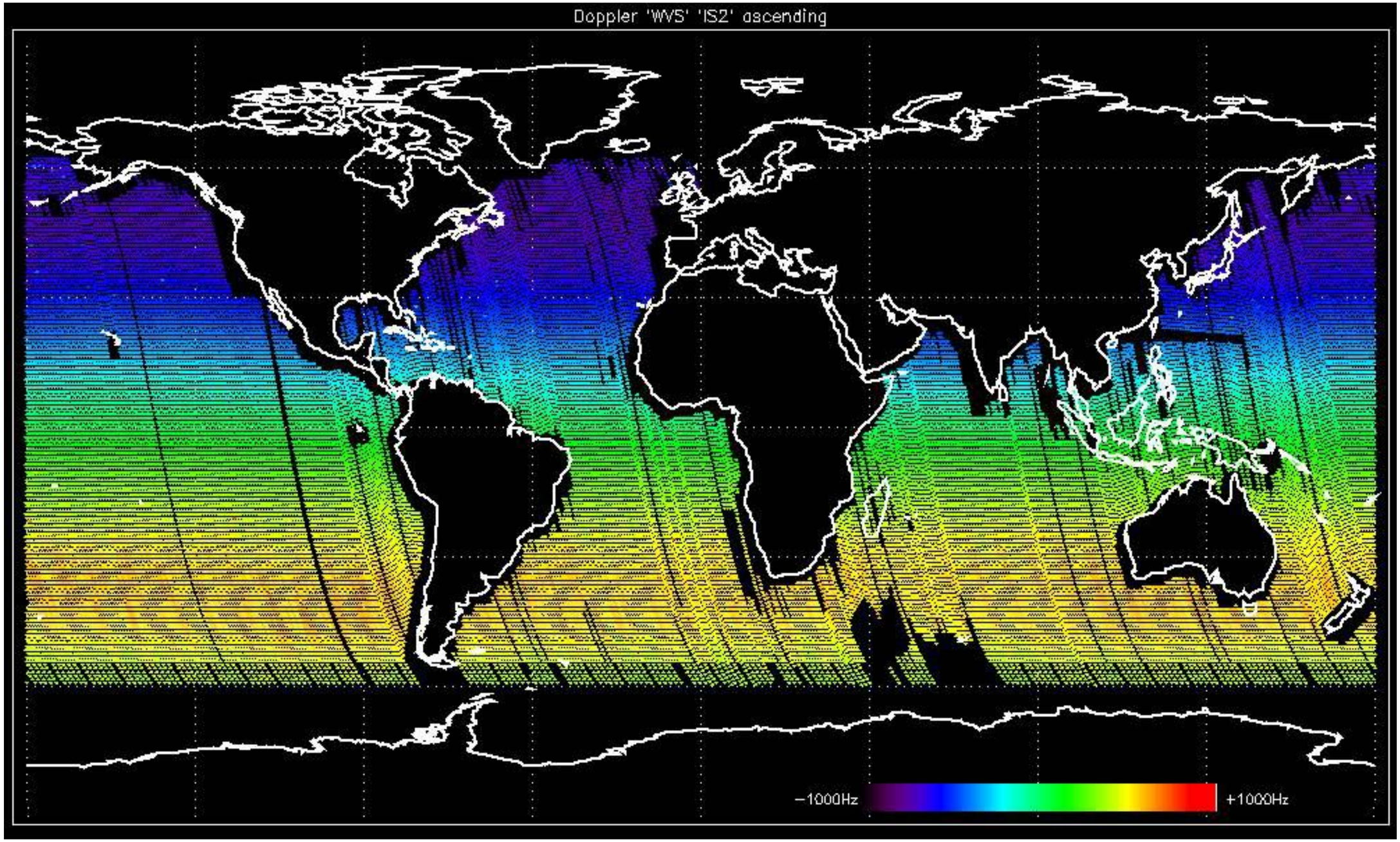

P1_AMP
P1_PH
P1a_AMP
P1a_PH
Tp_AMP (P1−P1a)
Tp_PH (P1−P1a)
P2_AMP
P2_PH
P3_AMP
P3_PH
dB

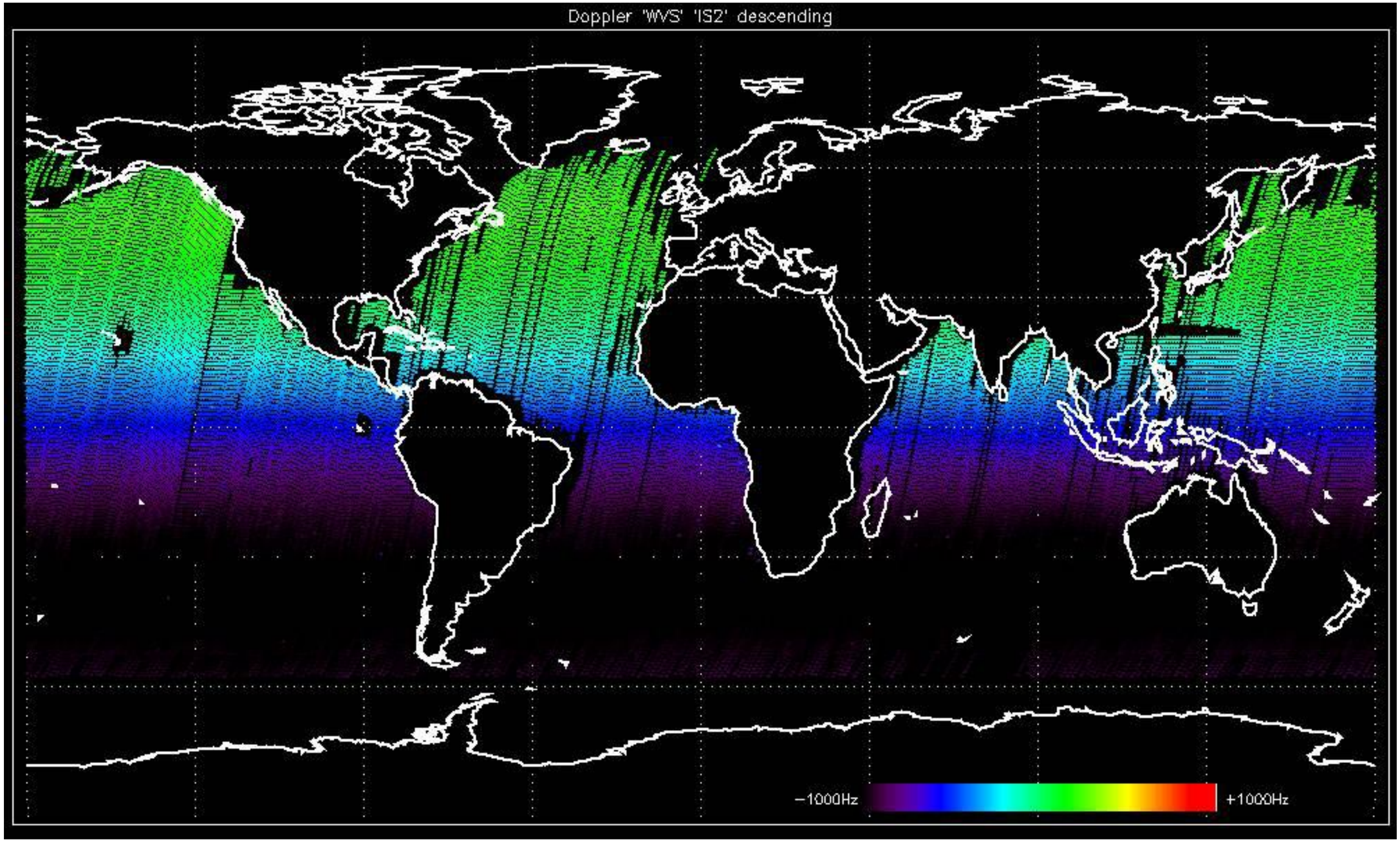
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

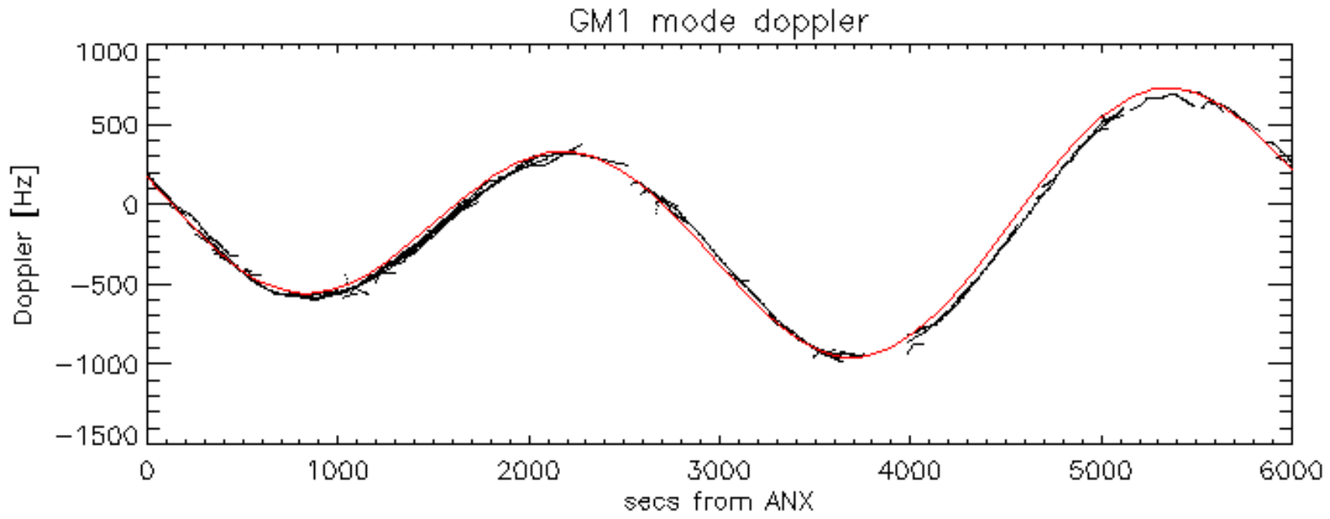
Preliminary report.The data is not yet controled

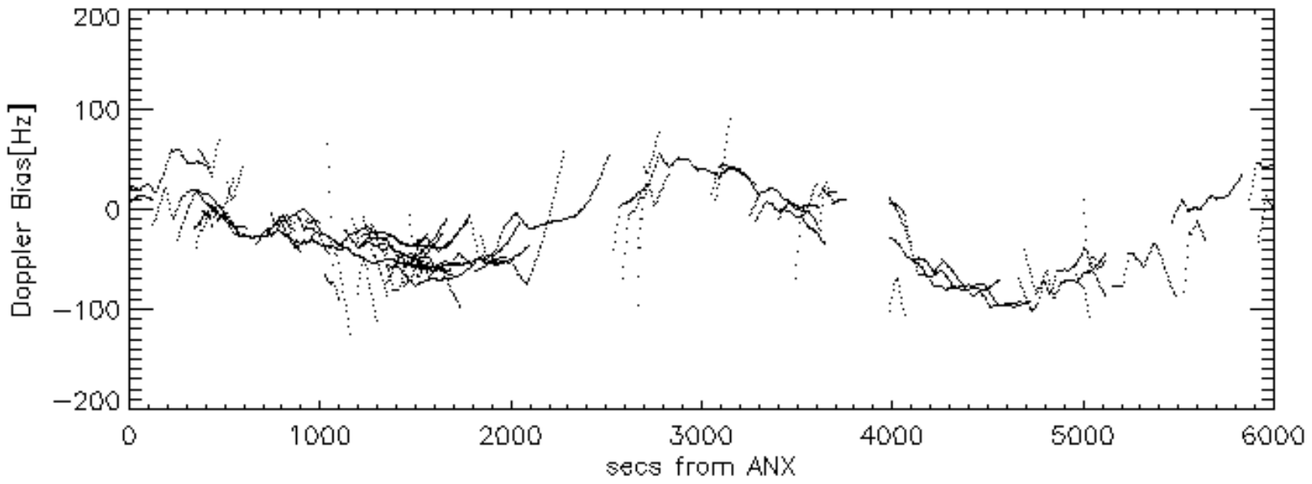

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

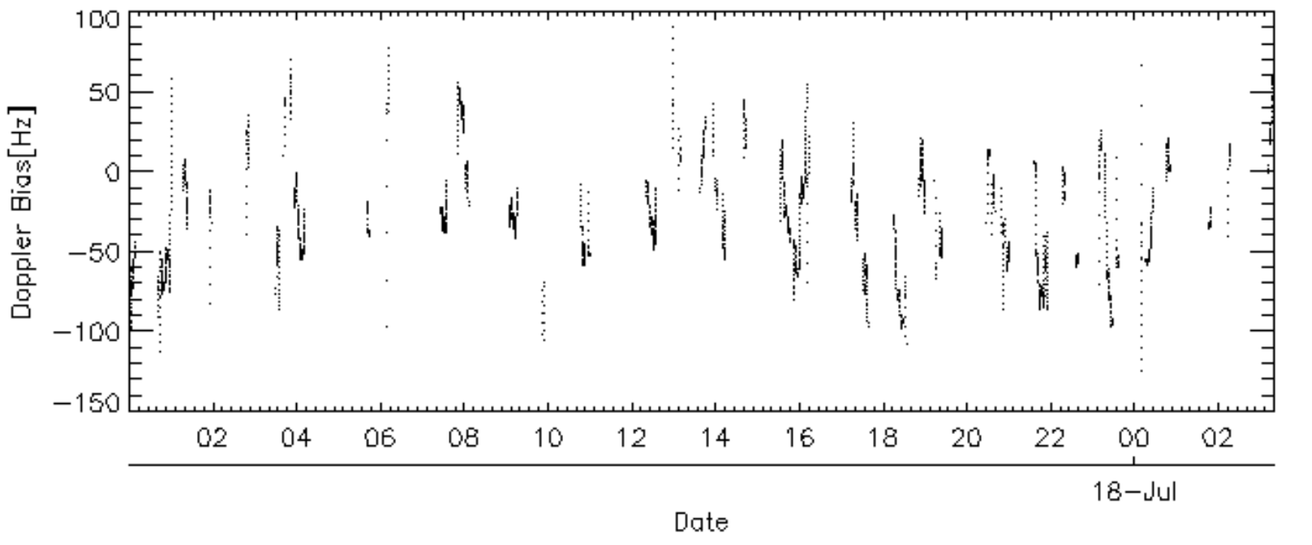

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

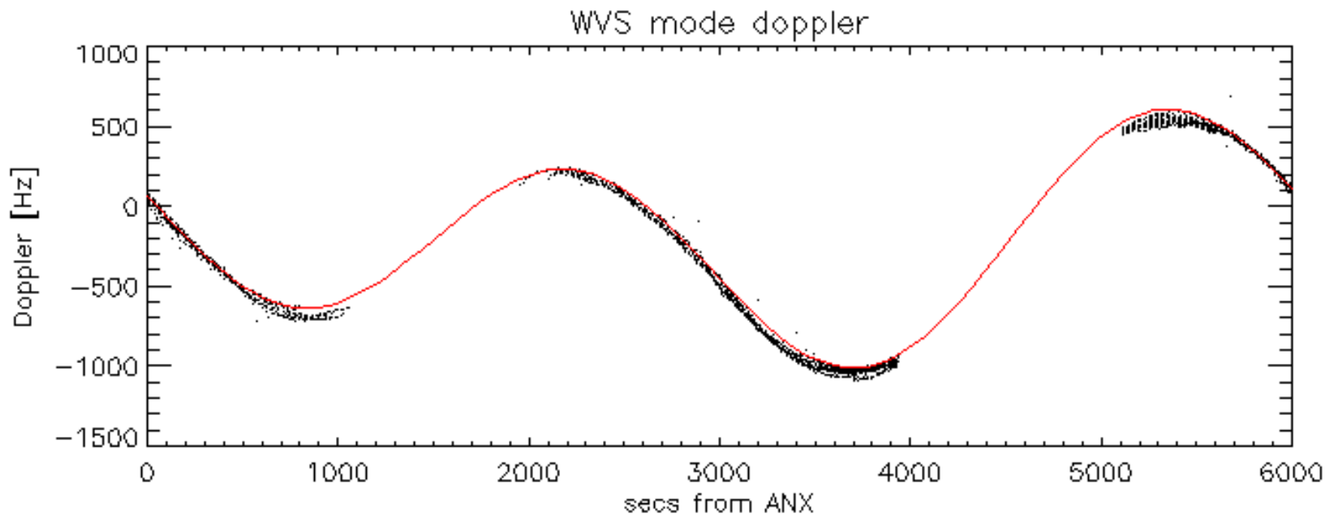

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

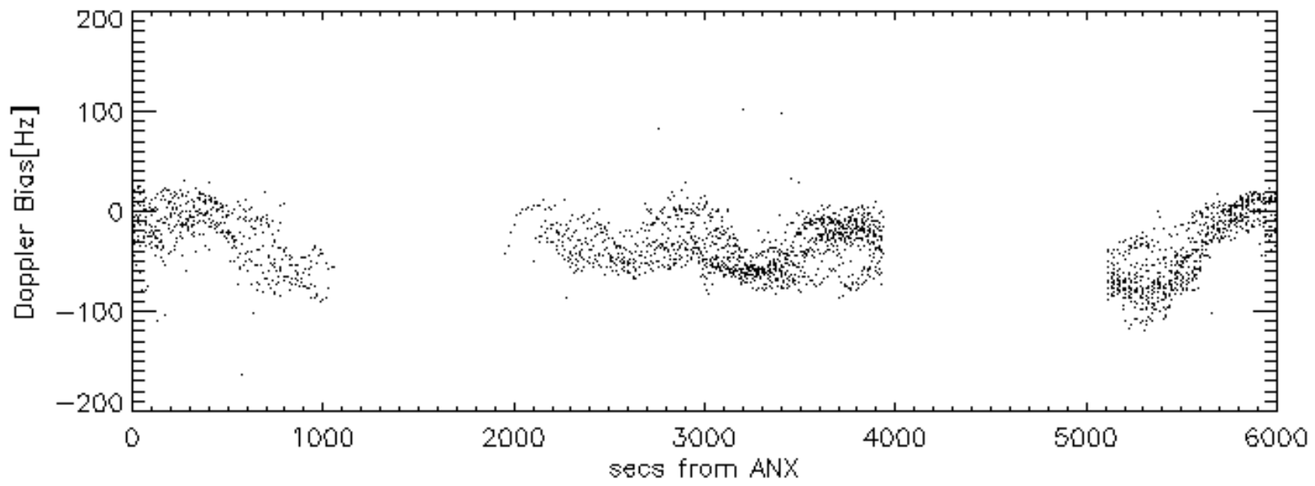

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

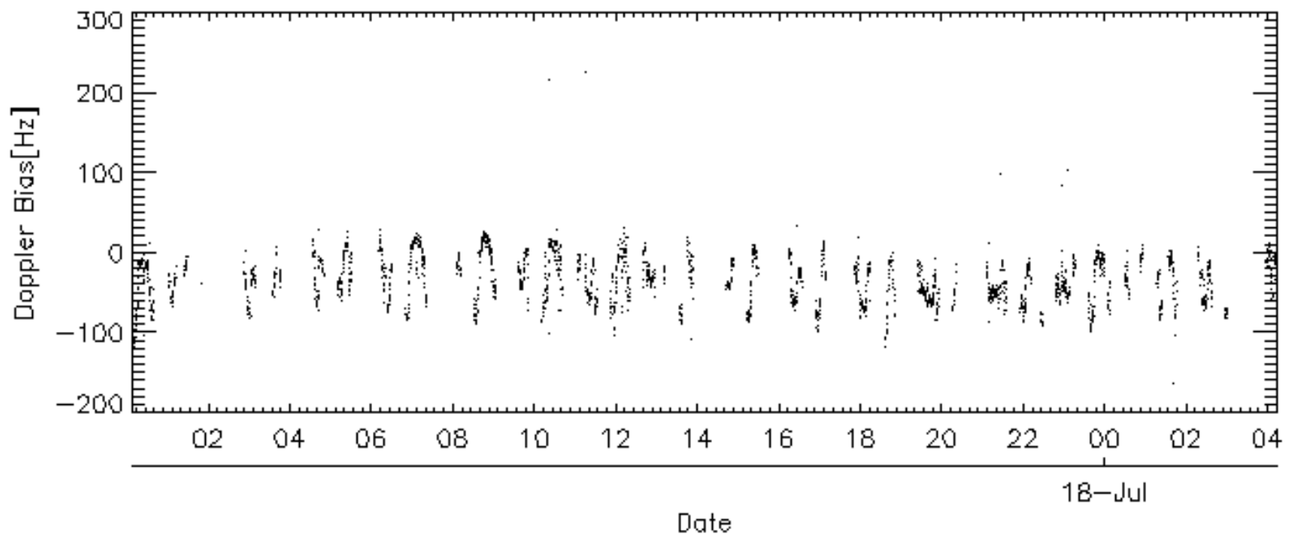

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

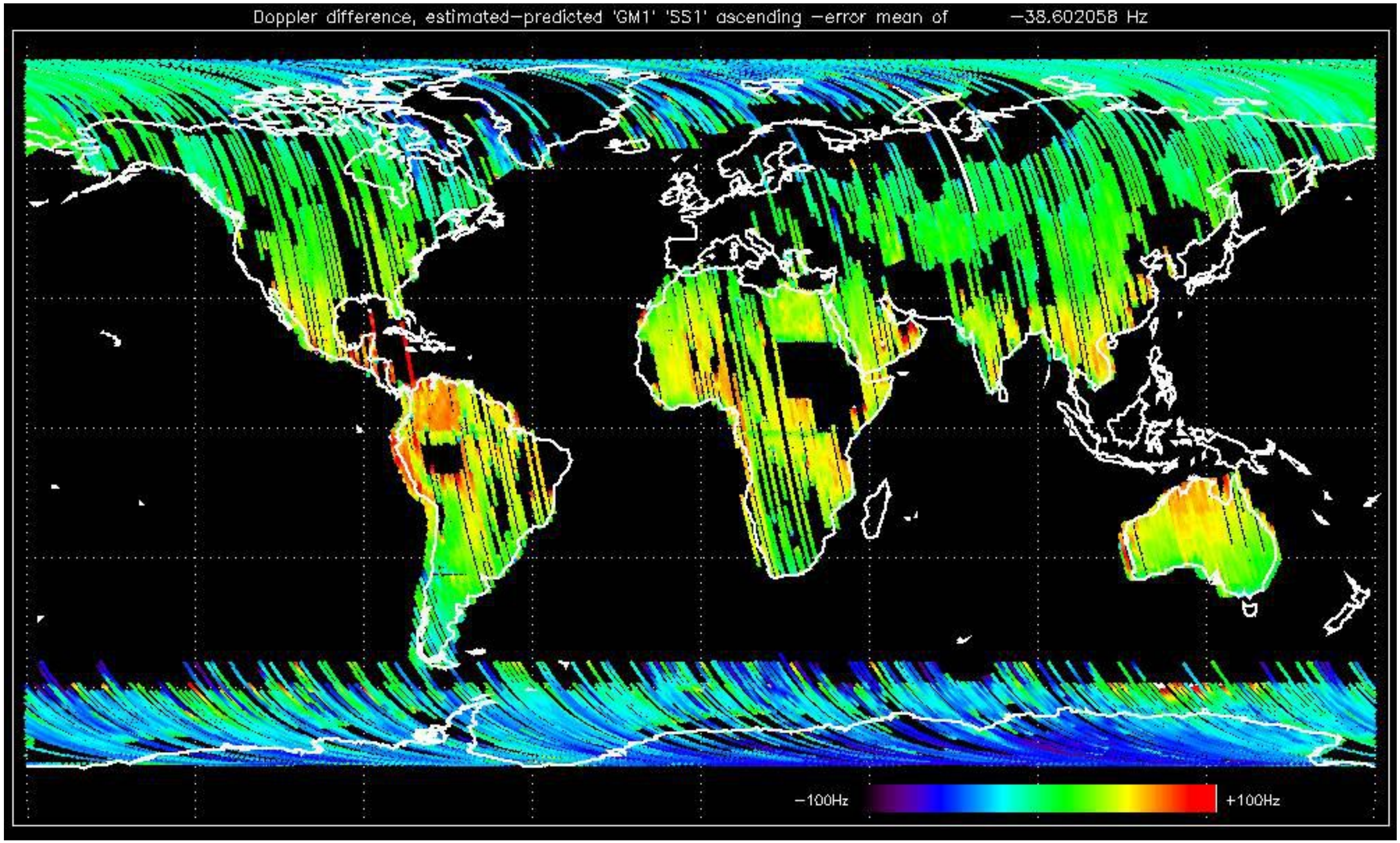

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

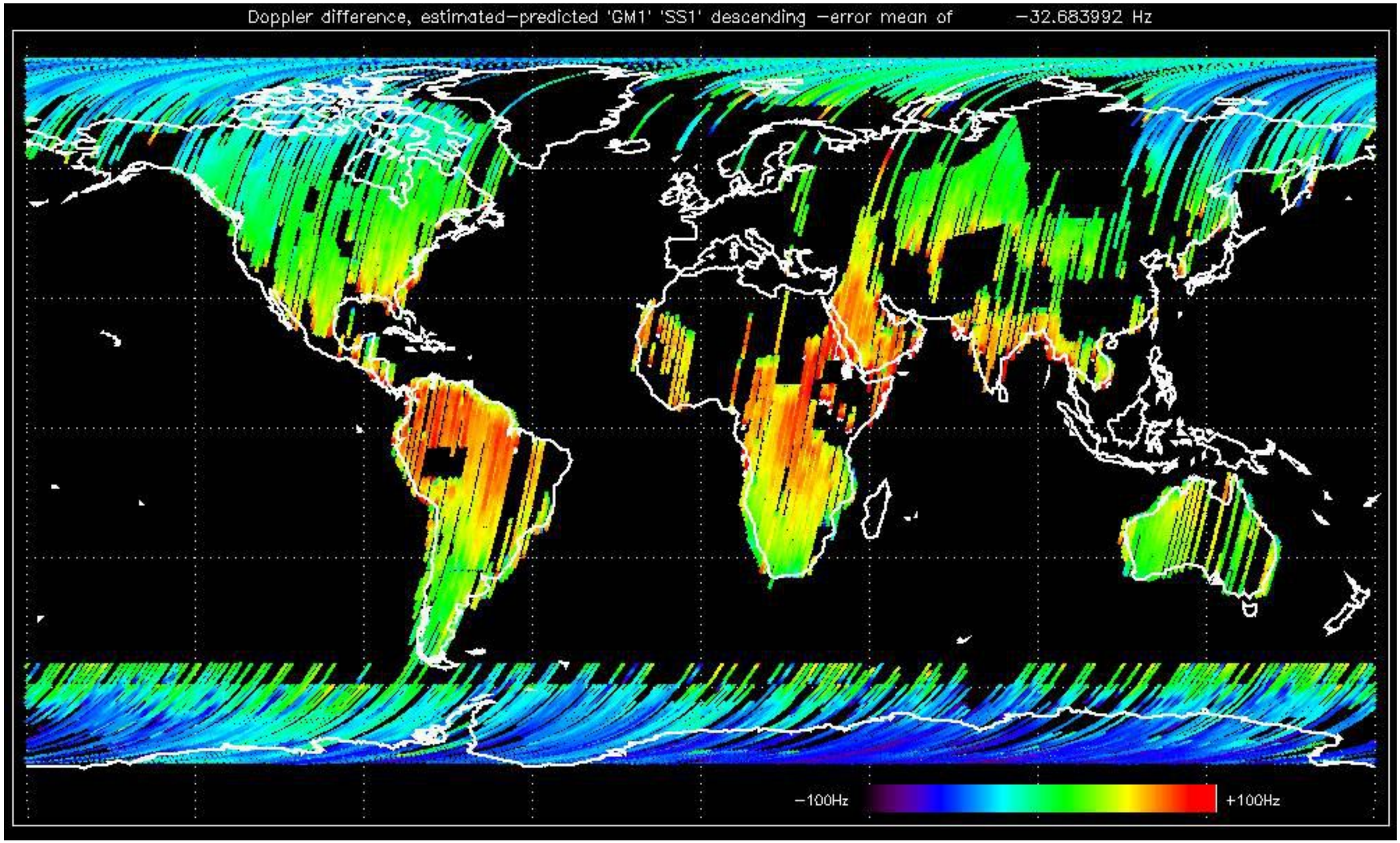

Doppler Bias[Hz]
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
00
02
18−Jul
Date

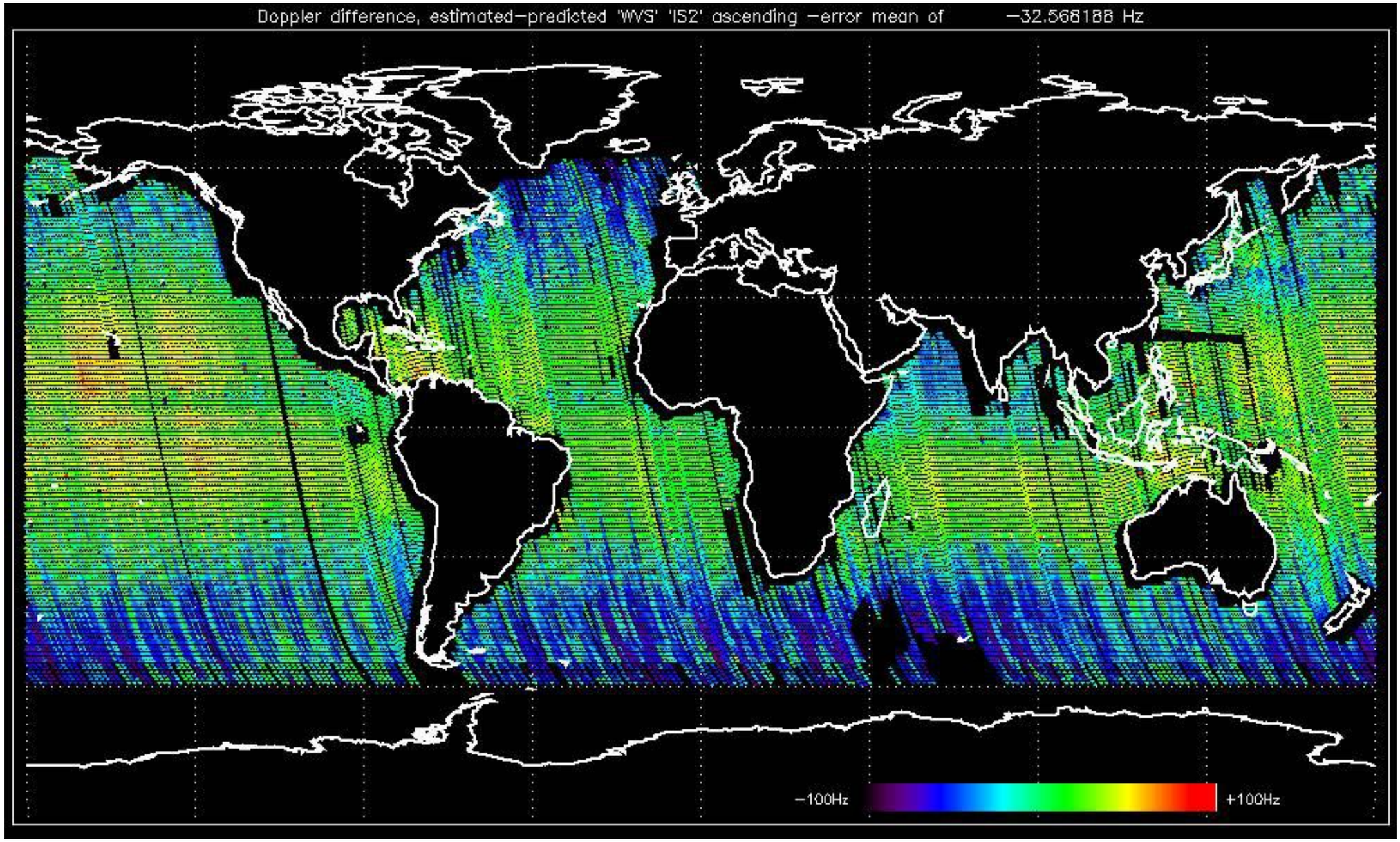

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

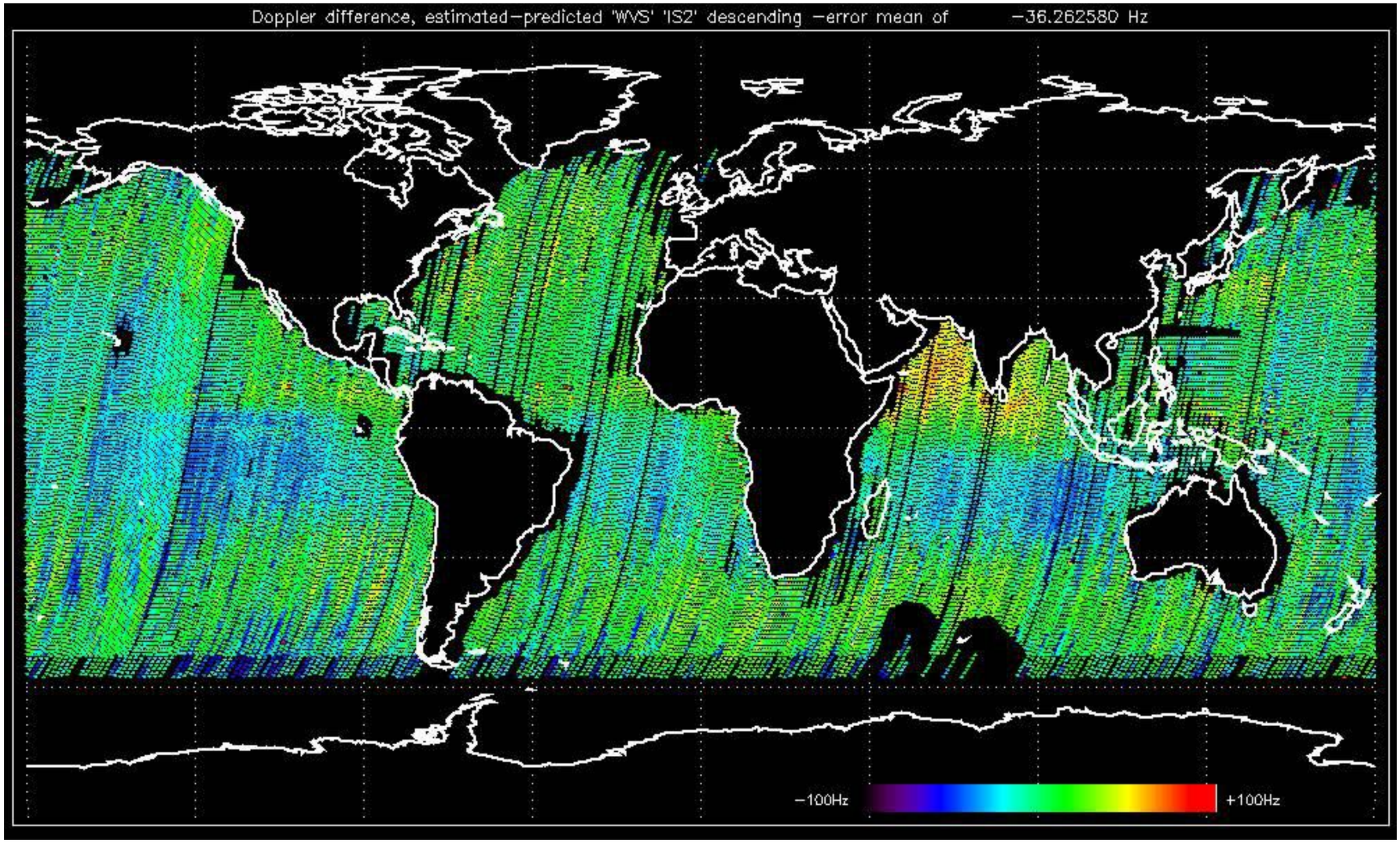

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


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


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −38.602058 Hz
−100Hz
+100Hz

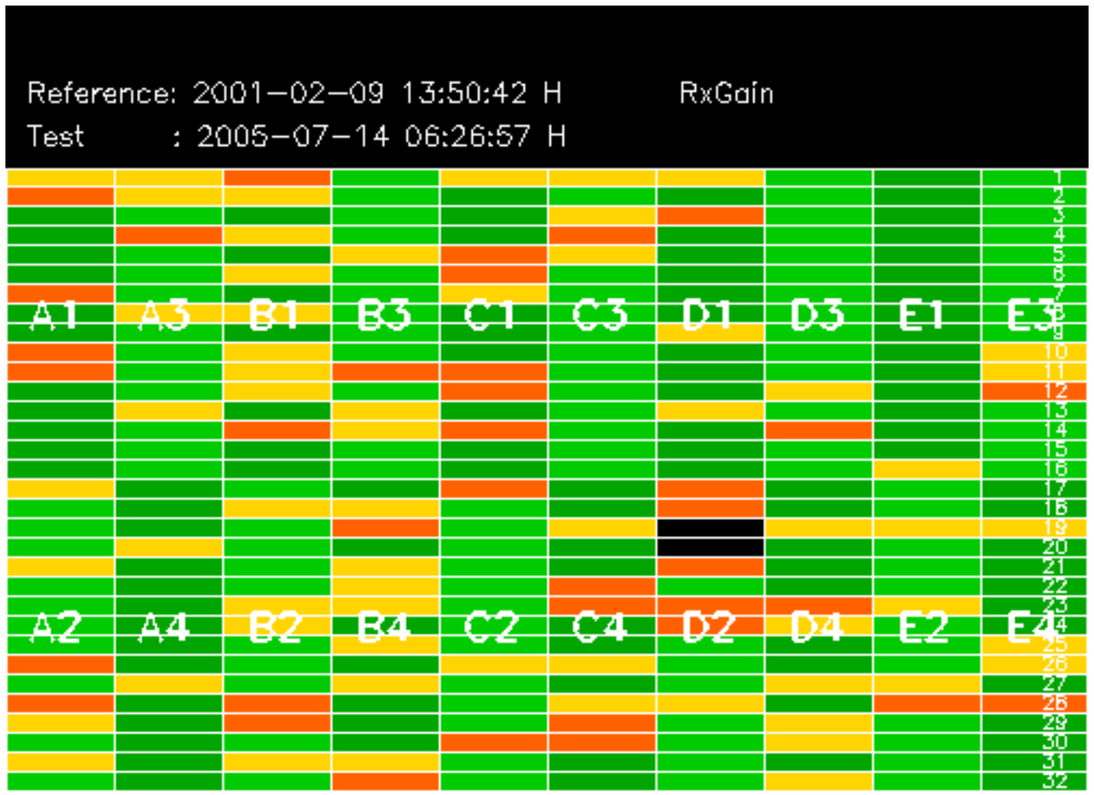

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −32.683992 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −32.568188 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −36.262580 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2005-07-14 06:26:57 H
A1
A3
B1
B3
C1
C3
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Reference: 2003-06-12 14:08:52 H
Test : 2005-07-14 06:26:57 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
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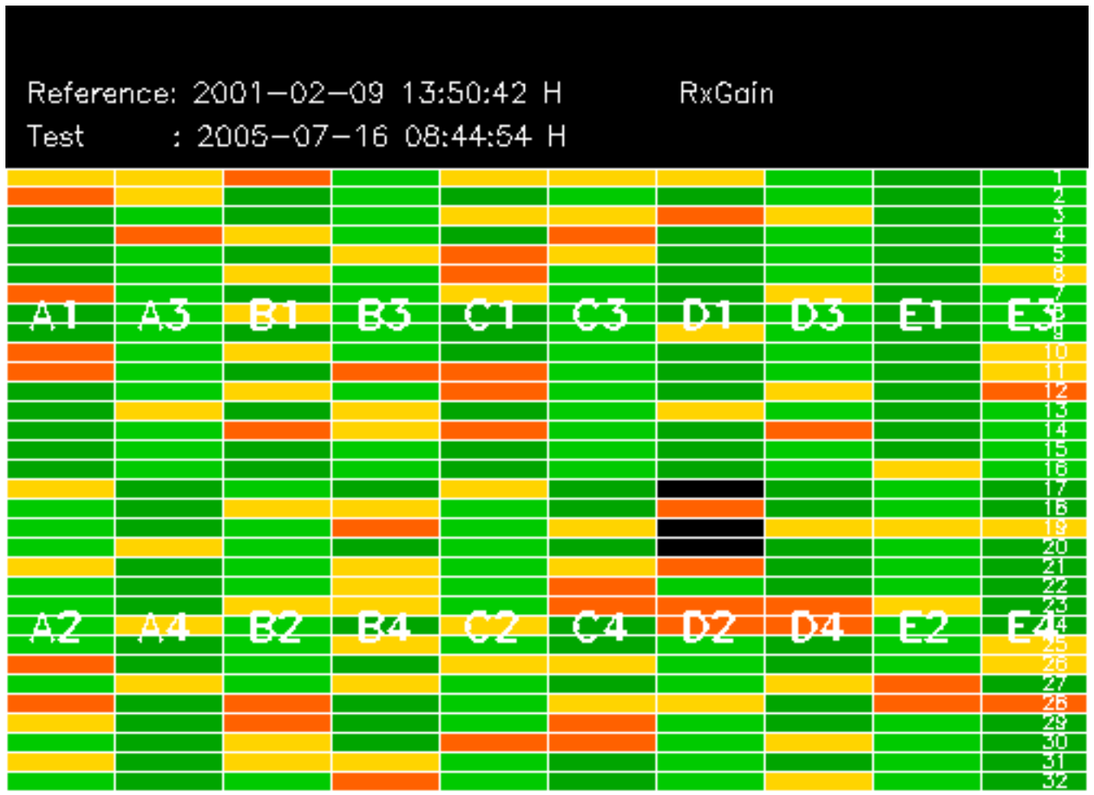
Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2005-07-16 08:44:54 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2003-06-12 14:08:52 H
Test : 2005-07-16 08:44:54 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
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A4
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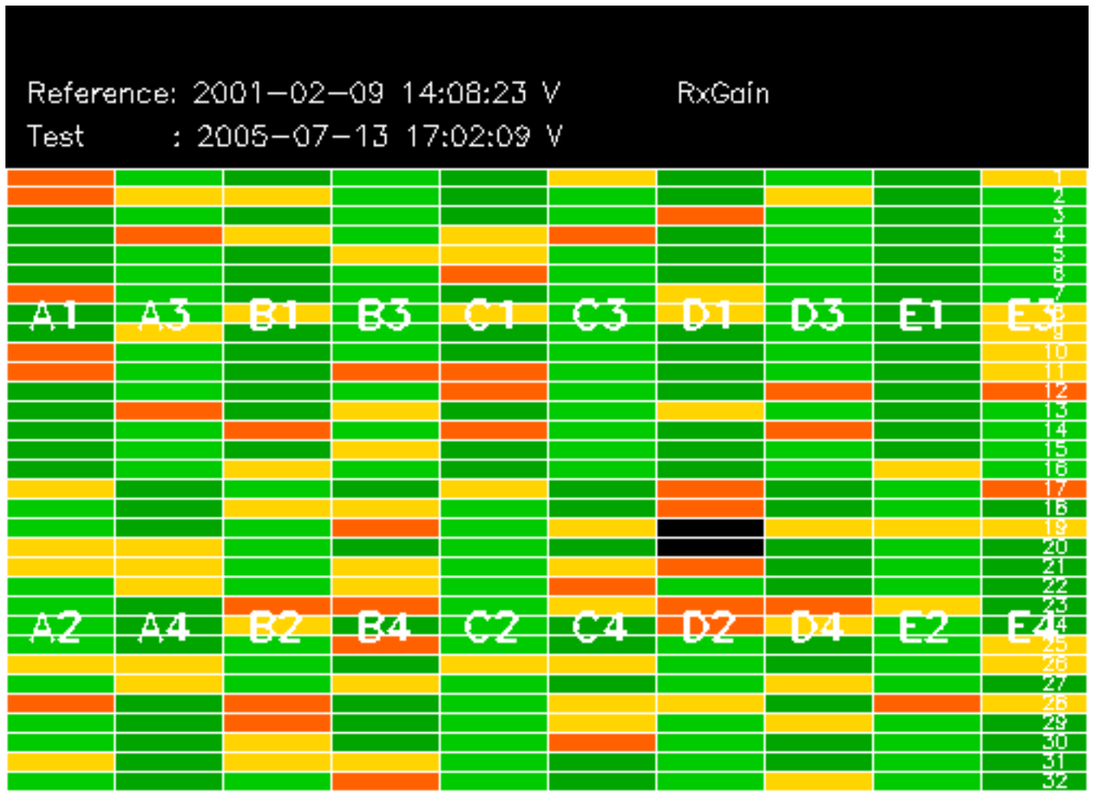
Reference: 2001-02-09 14:08:23 V
Test : 2005-07-13 17:02:09 V
RxGain
A1
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B3
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C3
D1
D3
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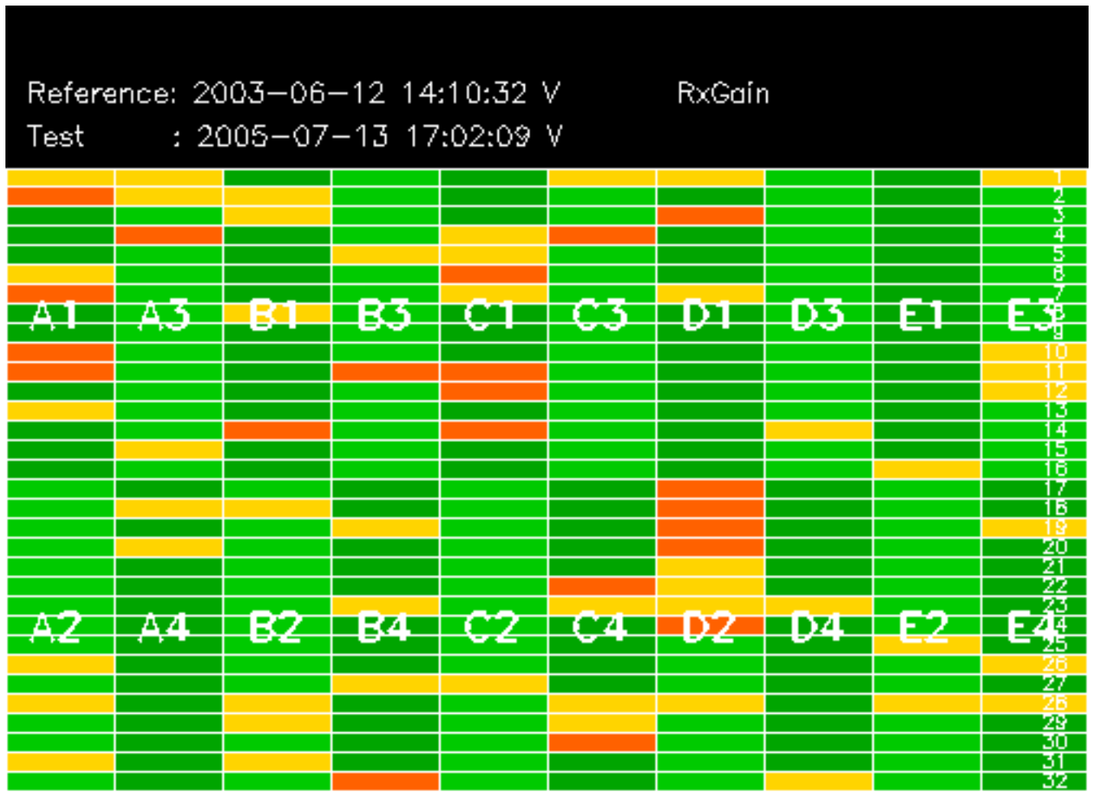
Reference: 2003-06-12 14:10:32 V
Test : 2005-07-13 17:02:09 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
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A4
B2
B4
C2
C4
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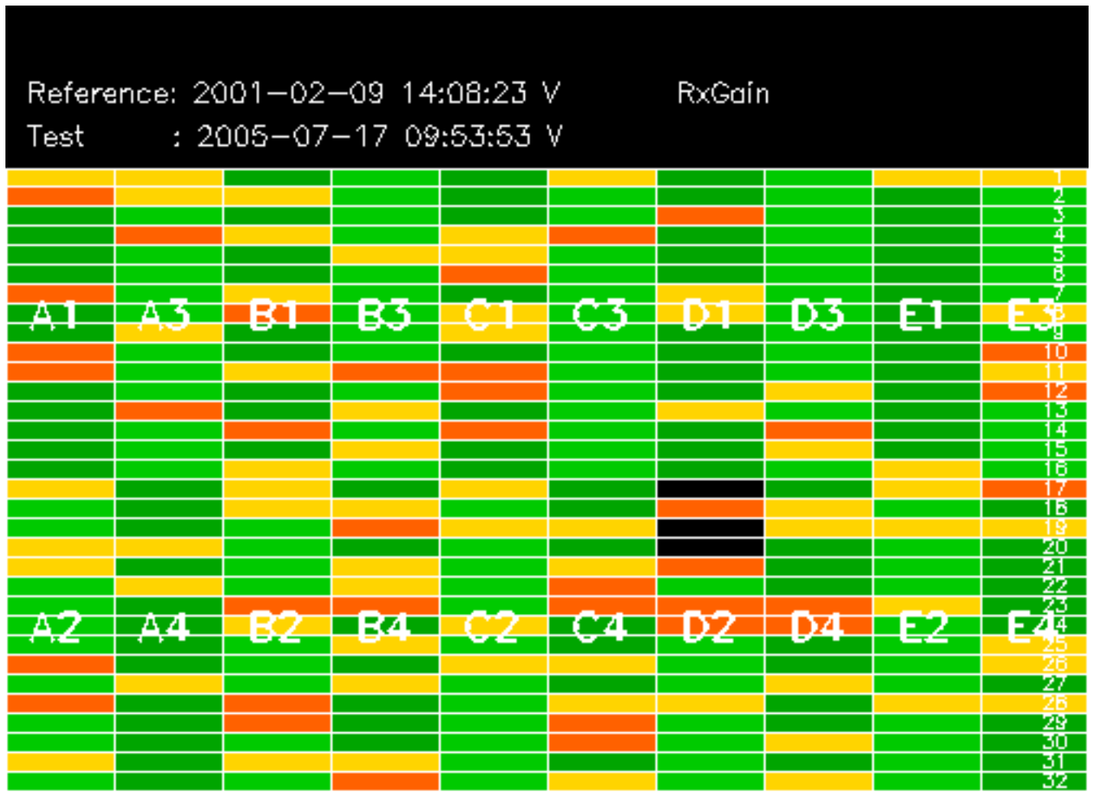
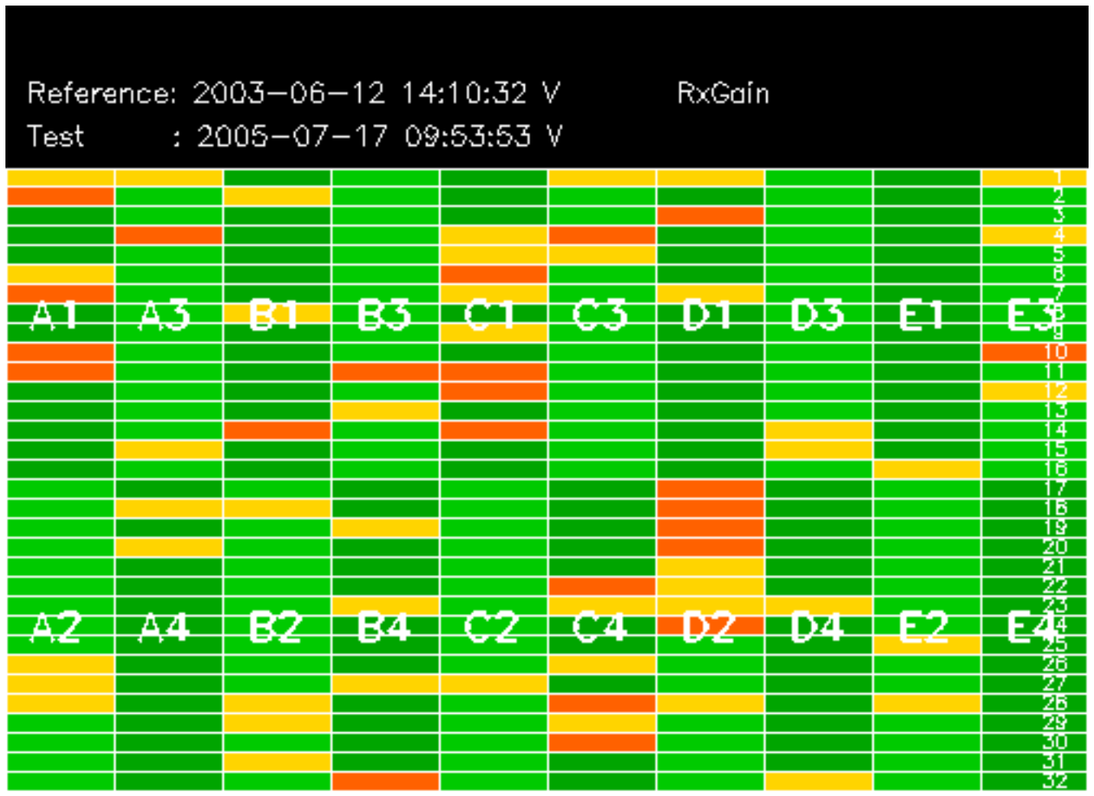
E4


Reference: 2001-02-09 14:08:23 V
Test : 2005-07-17 09:53:53 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2003-06-12 14:10:32 V
Test : 2005-07-17 09:53:53 V
RxGain
A1
A3
B1
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C3
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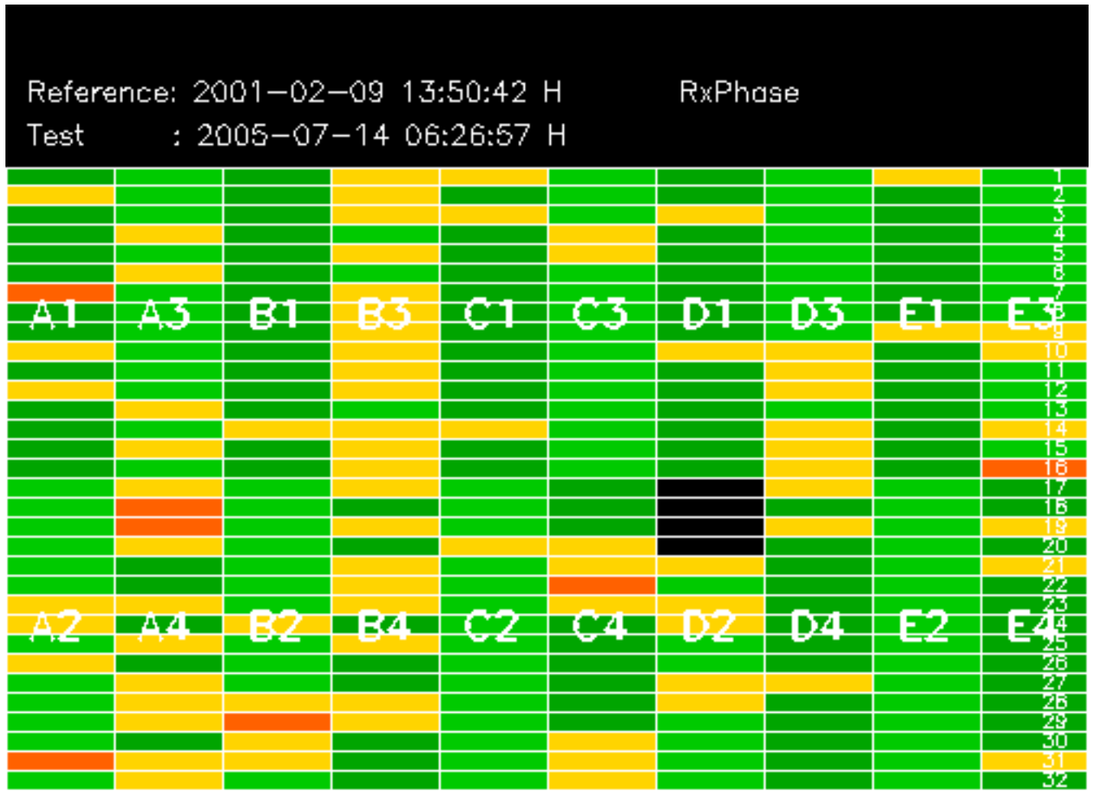
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2005-07-14 06:26:57 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
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A2
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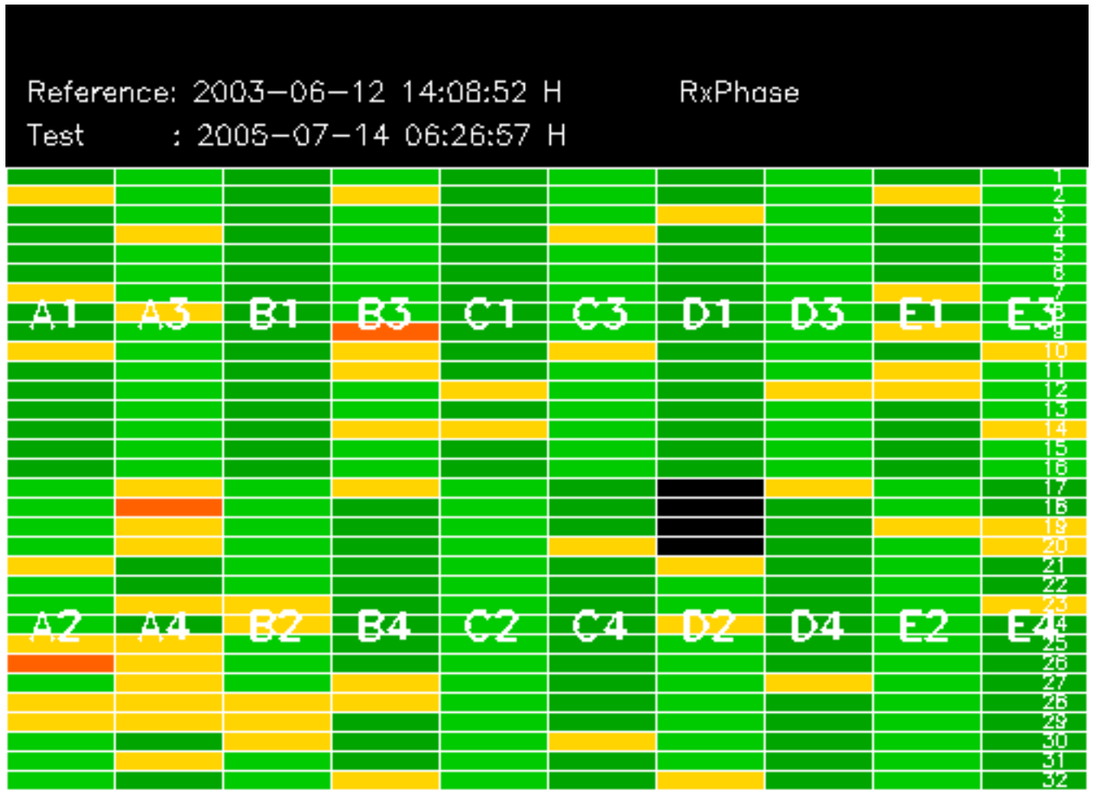
Reference: 2003-06-12 14:08:52 H
Test : 2005-07-14 06:26:57 H
RxPhase
A1
A3
B1
B3
C1
C3
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D3
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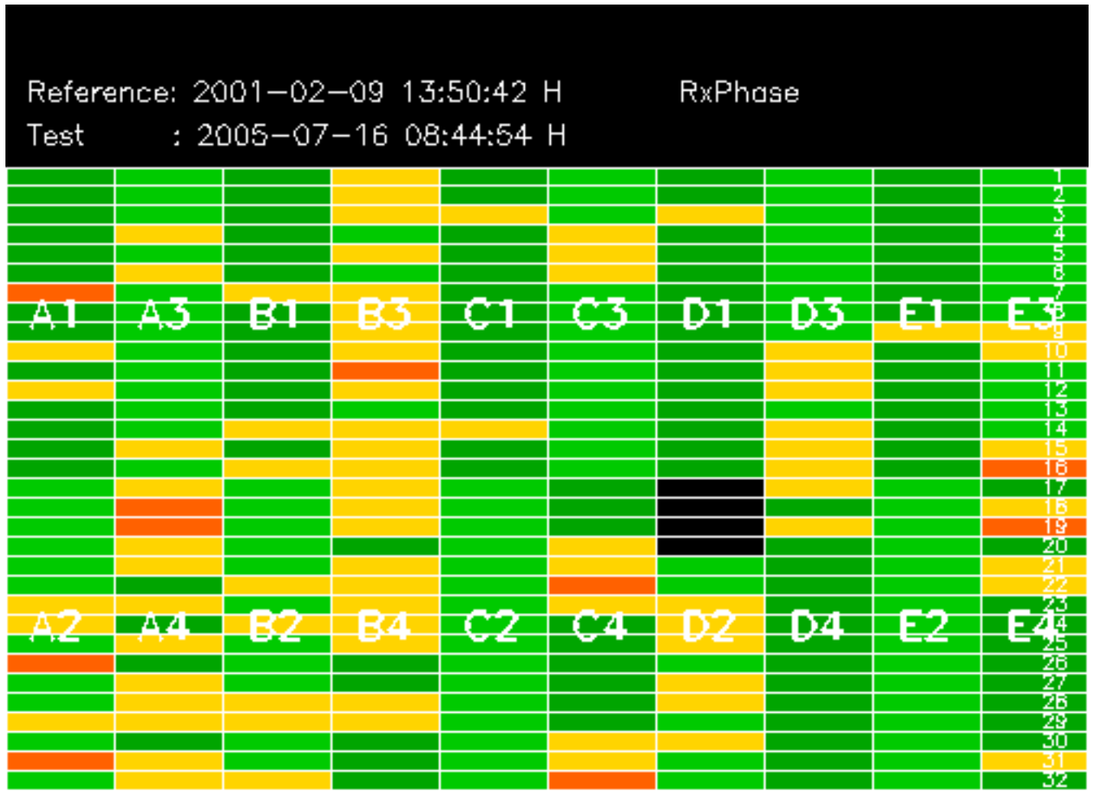
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2005-07-16 08:44:54 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
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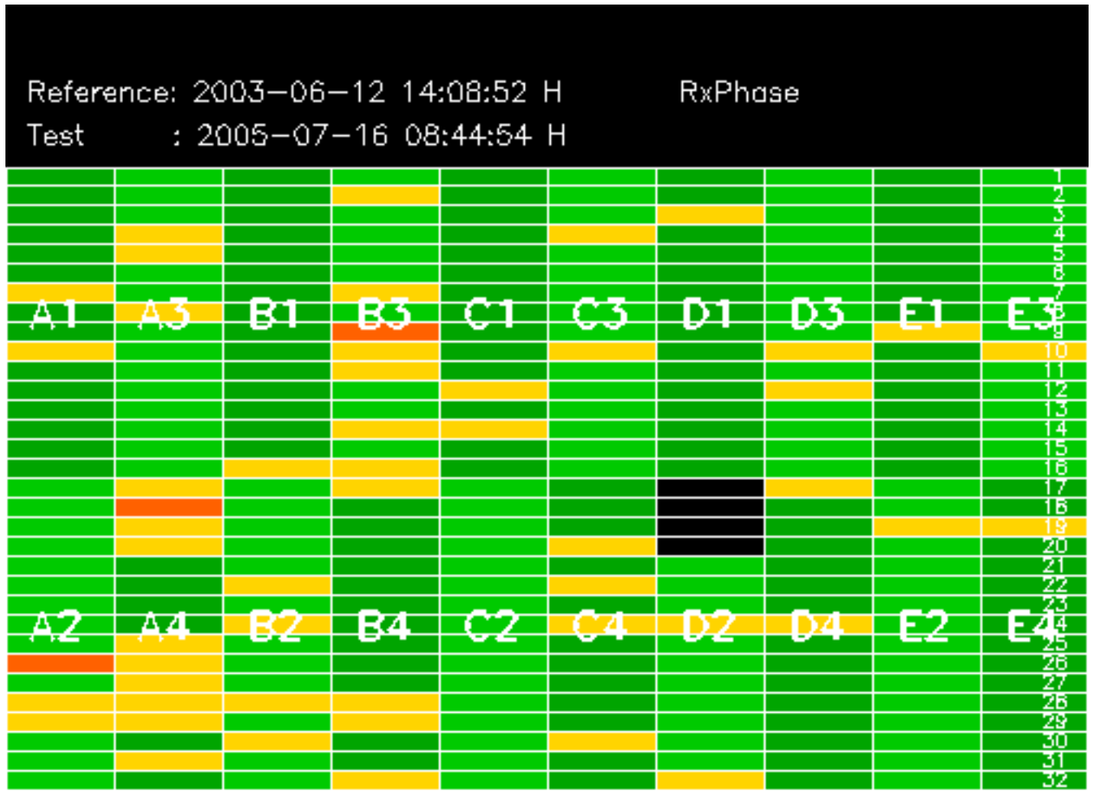
B4
C2
C4
D2
D4
E2
E4


Reference: 2003-06-12 14:08:52 H
Test : 2005-07-16 08:44:54 H
RxPhase
A1
A3
B1
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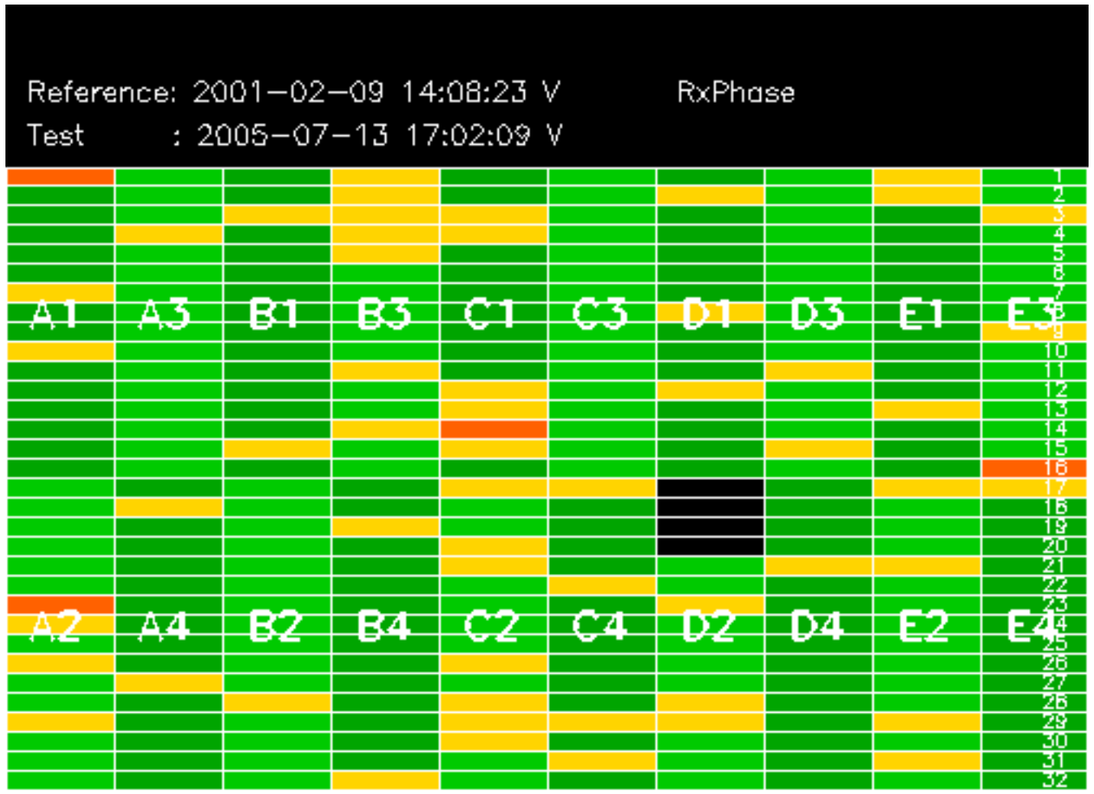
Reference: 2001-02-09 14:08:23 V
RxPhase
Test : 2005-07-13 17:02:09 V
A1
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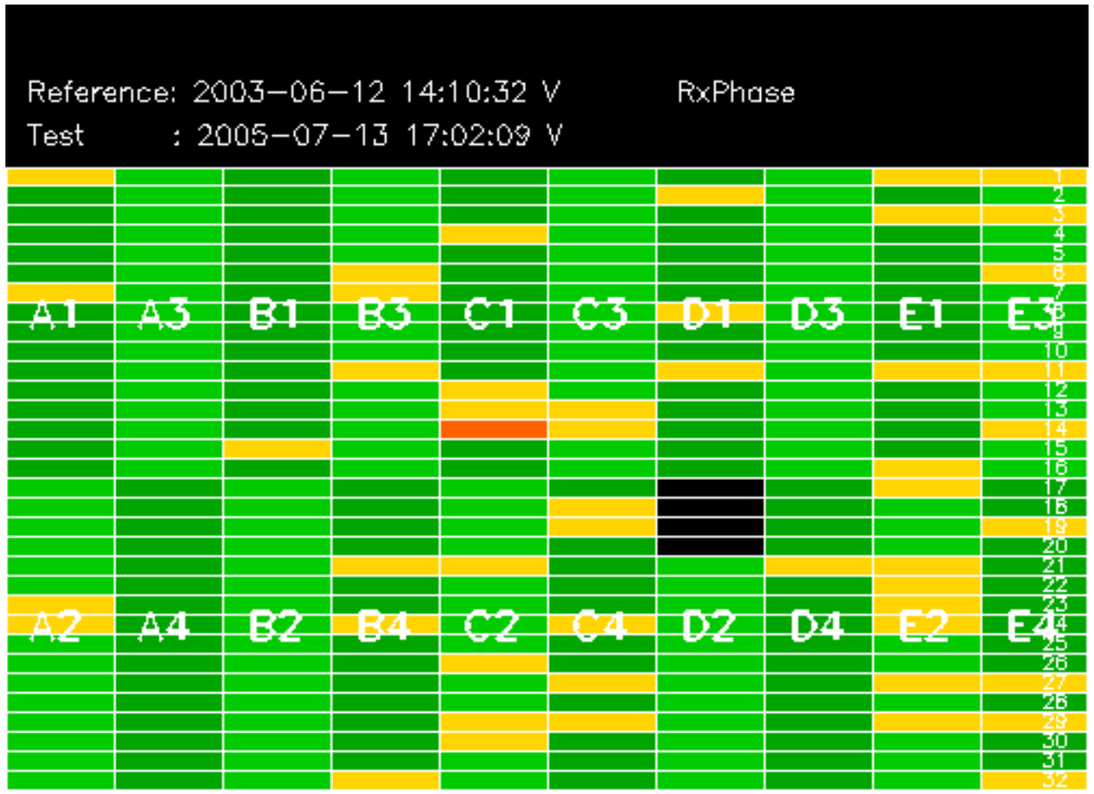
Reference: 2003-06-12 14:10:32 V
Test : 2005-07-13 17:02:09 V
RxPhase
A1
A3
B1
B3
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C3
D1
D3
E1
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B4
C2
C4
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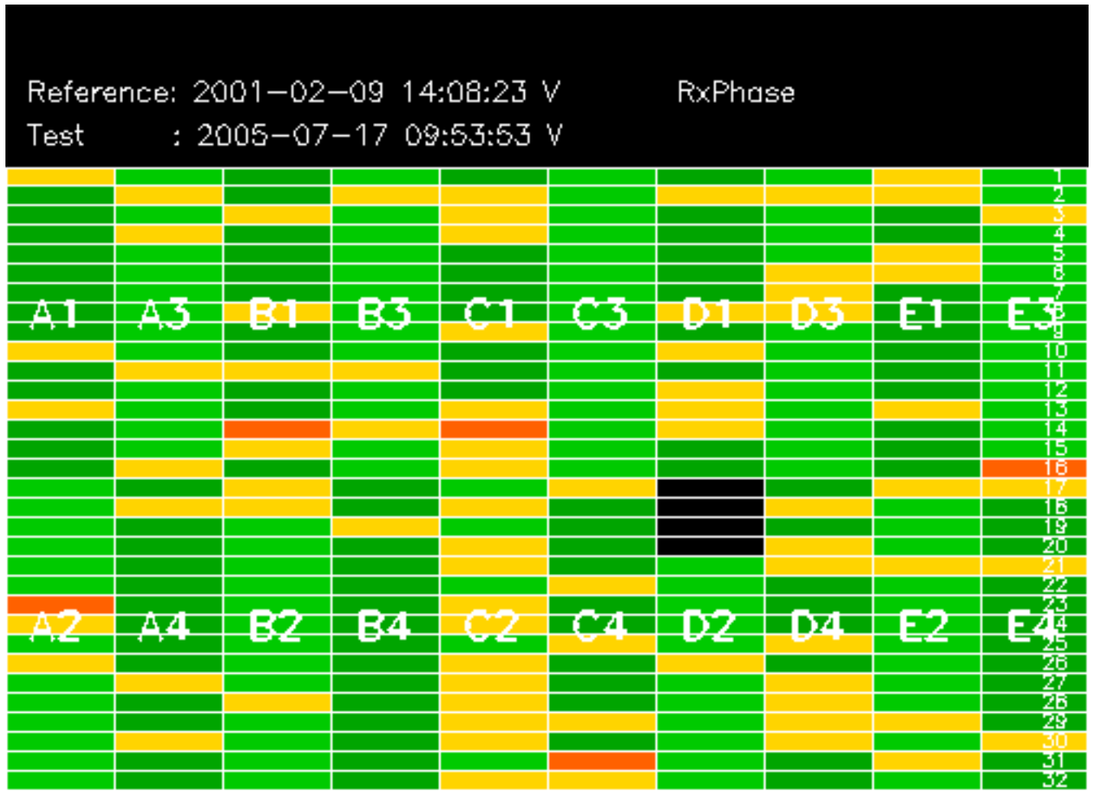
Reference: 2001-02-09 14:08:23 V
Test : 2005-07-17 09:53:53 V
RxPhase
A1
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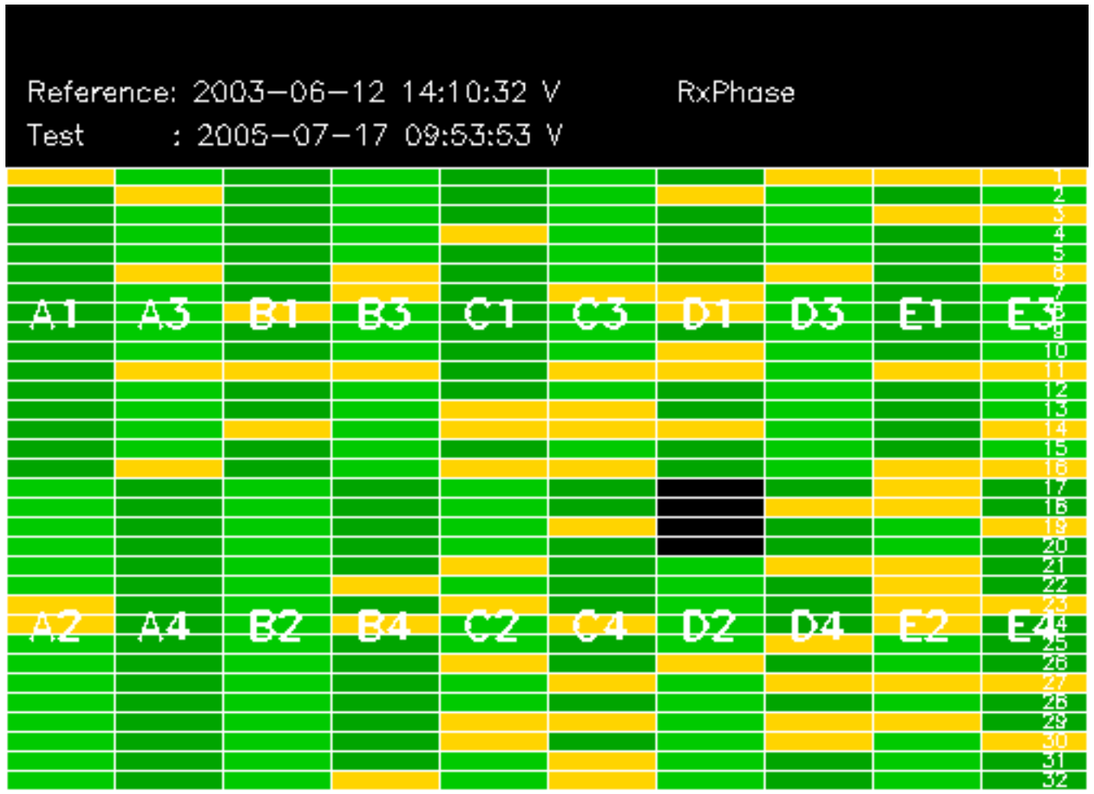
Reference: 2003-06-12 14:10:32 V
Test : 2005-07-17 09:53:53 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
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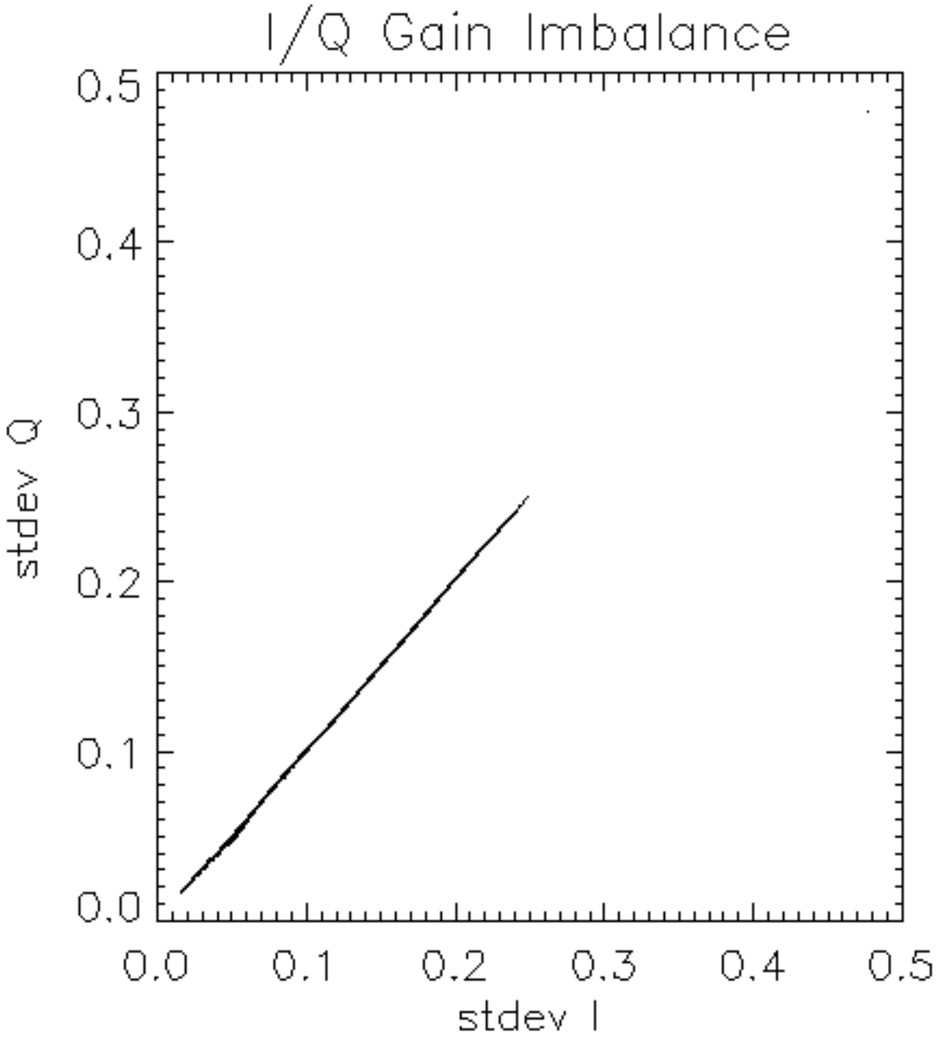
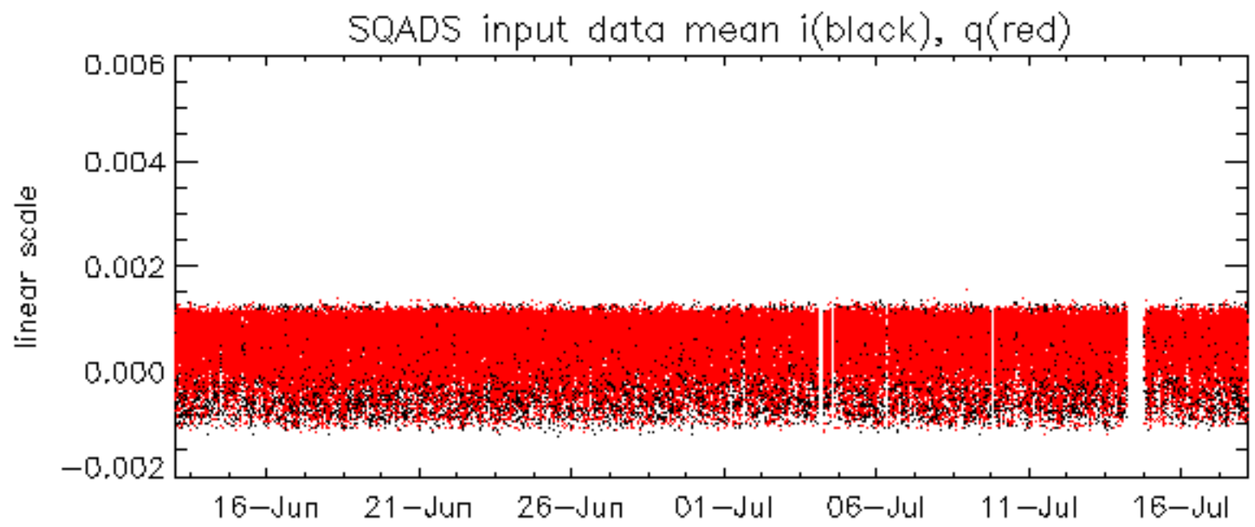
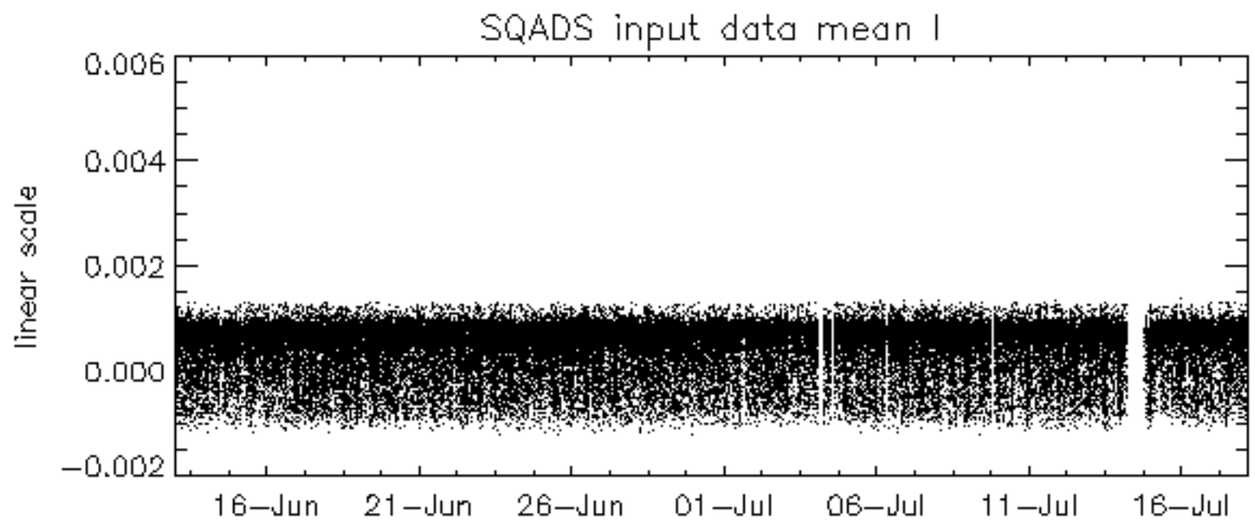
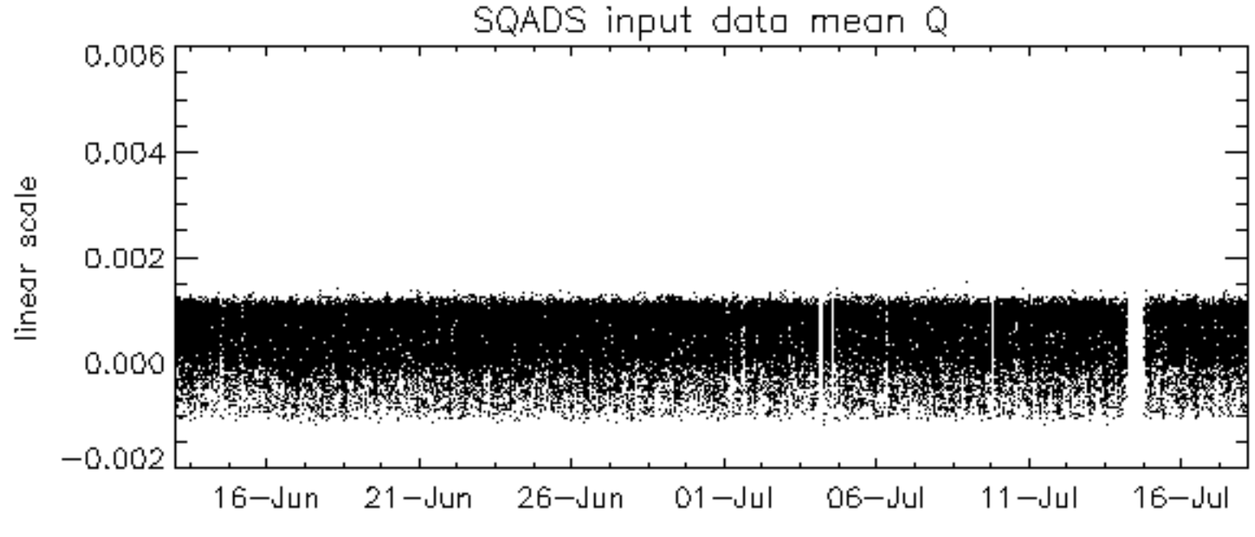
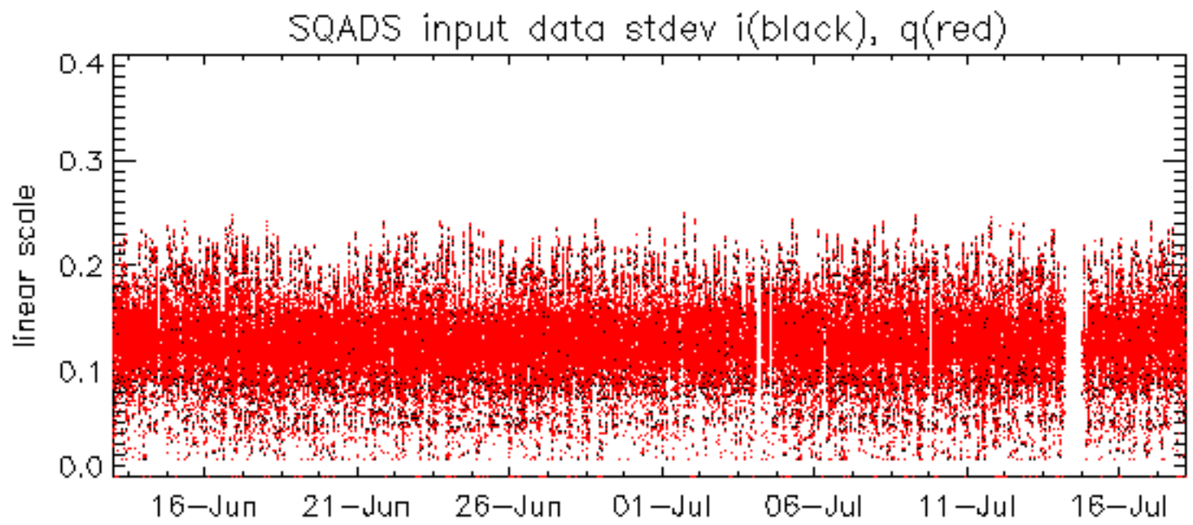
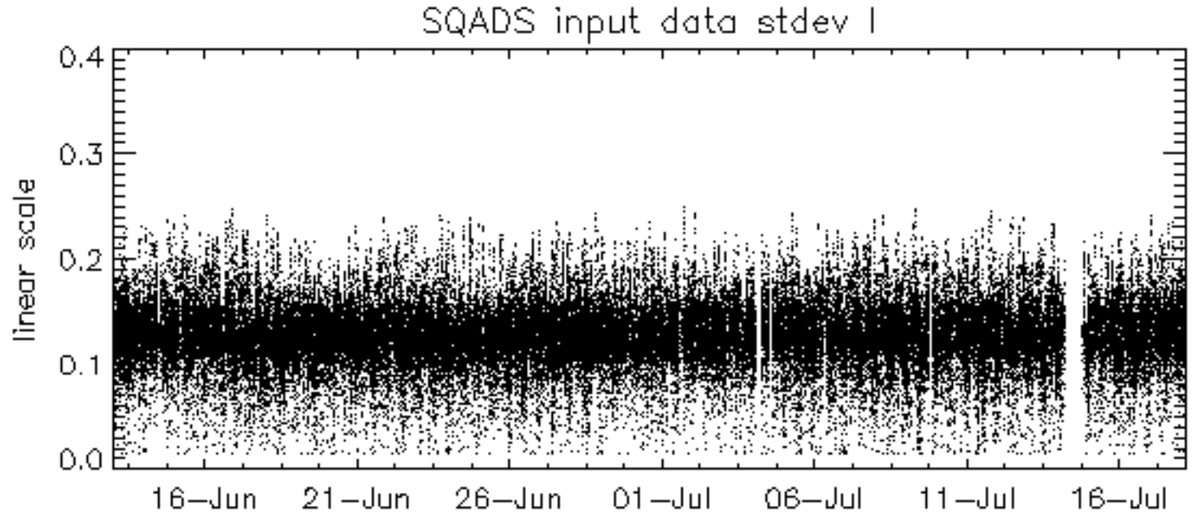

I/Q Gain Imbalance
stdev Q
stdev I
0.0
0.1
0.2
0.3
0.4
0.5

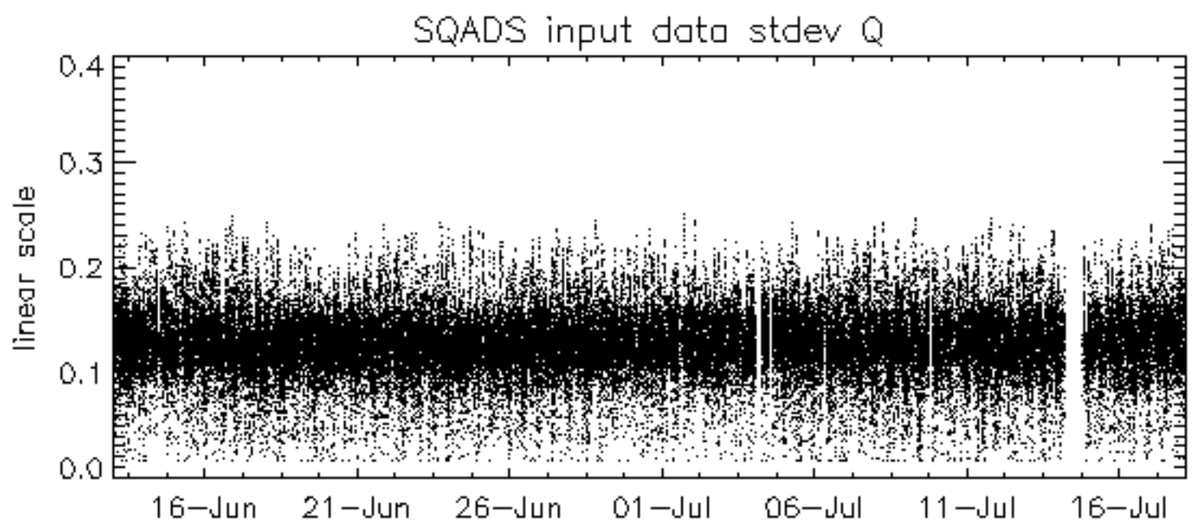

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Jun
21−Jun
26−Jun
01−Jul
06−Jul
11−Jul
16−Jul

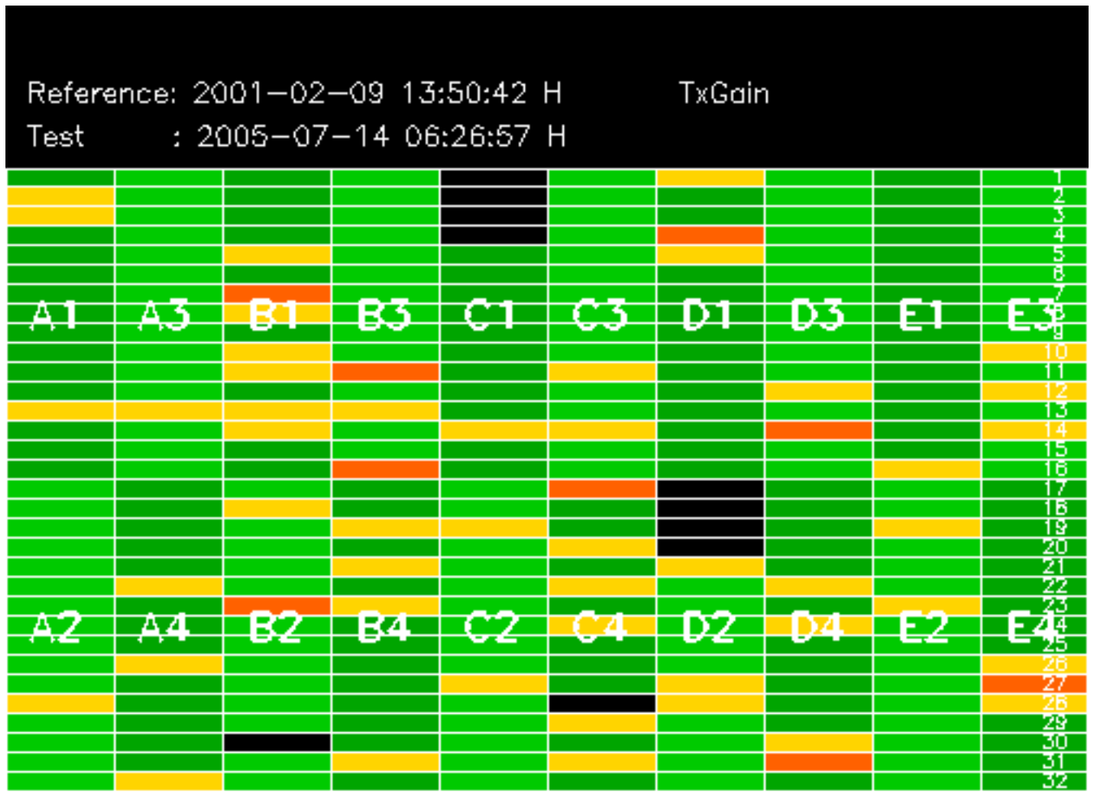

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Jun
21−Jun
26−Jun
01−Jul
06−Jul
11−Jul
16−Jul


SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Jun
21−Jun
26−Jun
01−Jul
06−Jul
11−Jul
16−Jul


SQADS input data stdev i(black), q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
16–Jun
21–Jun
26–Jun
01–Jul
06–Jul
11–Jul
16–Jul


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
16–Jun
21–Jun
26–Jun
01–Jul
06–Jul
11–Jul
16–Jul


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
16–Jun
21–Jun
26–Jun
01–Jul
06–Jul
11–Jul
16–Jul


Reference: 2001-02-09 13:50:42 H
Test : 2005-07-14 06:26:57 H
TxGain
A1
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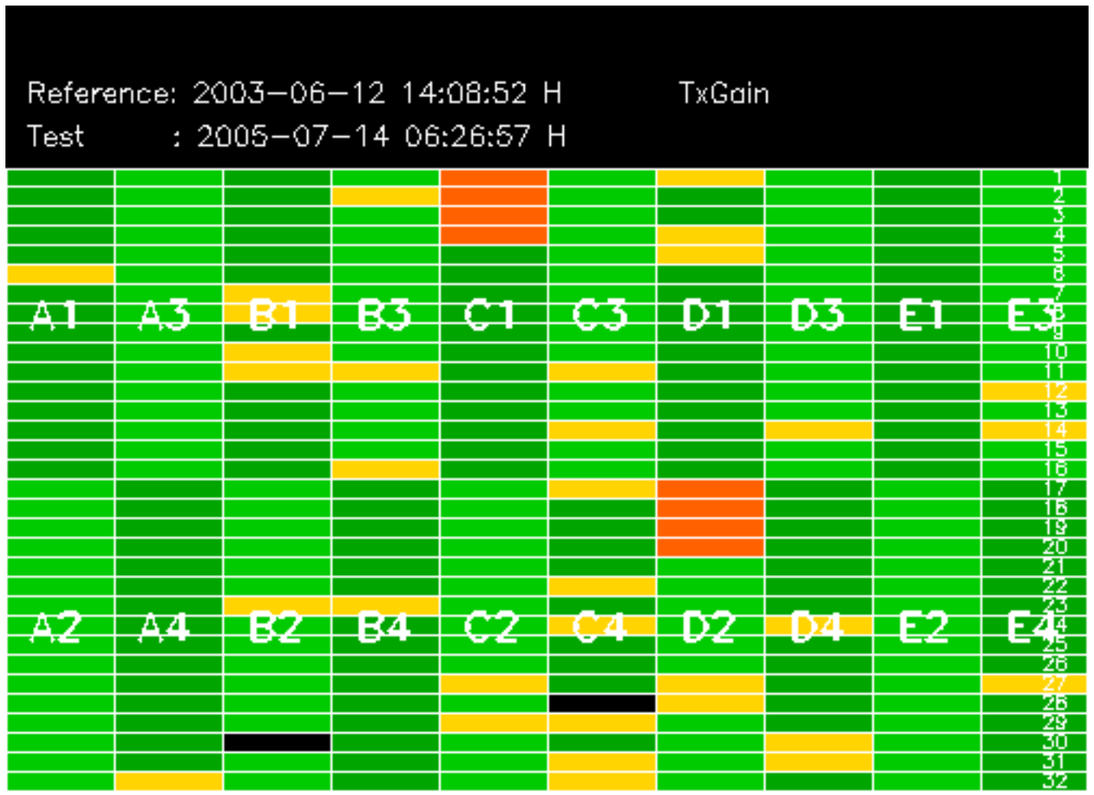
Reference: 2003-06-12 14:08:52 H
Test : 2005-07-14 06:26:57 H
TxGain
A1
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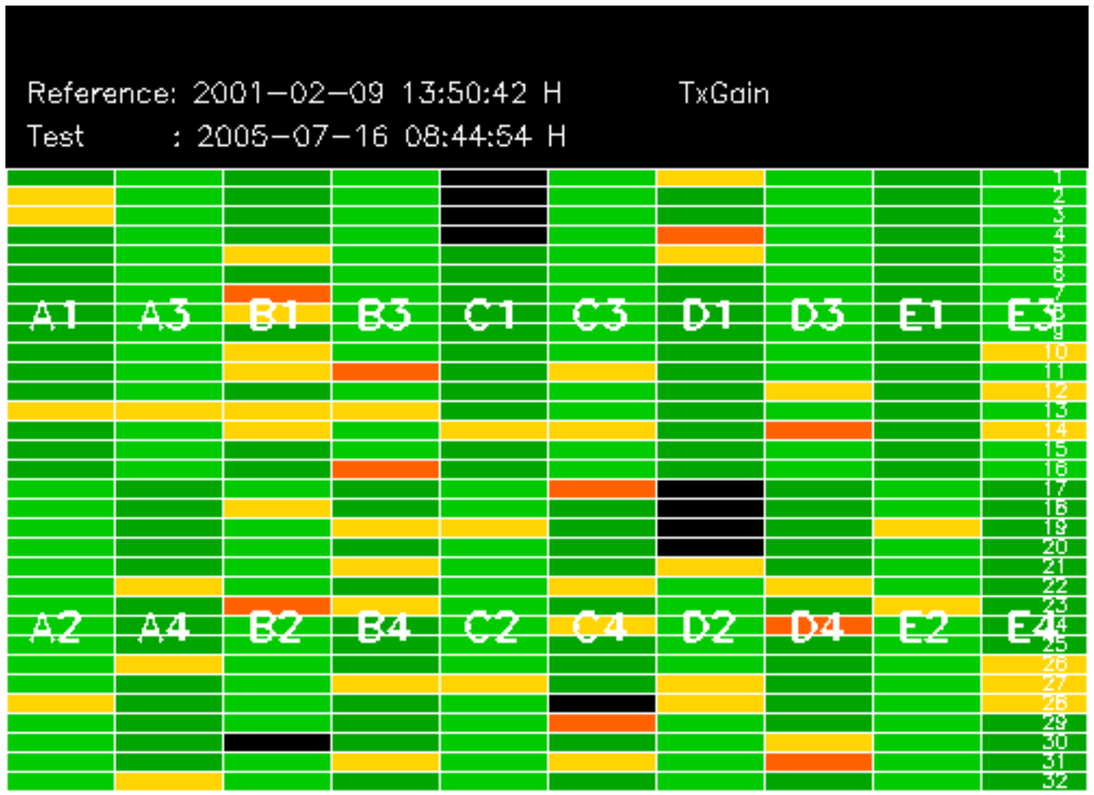
Reference: 2001-02-09 13:50:42 H
Test : 2005-07-16 08:44:54 H
TxGain
A1
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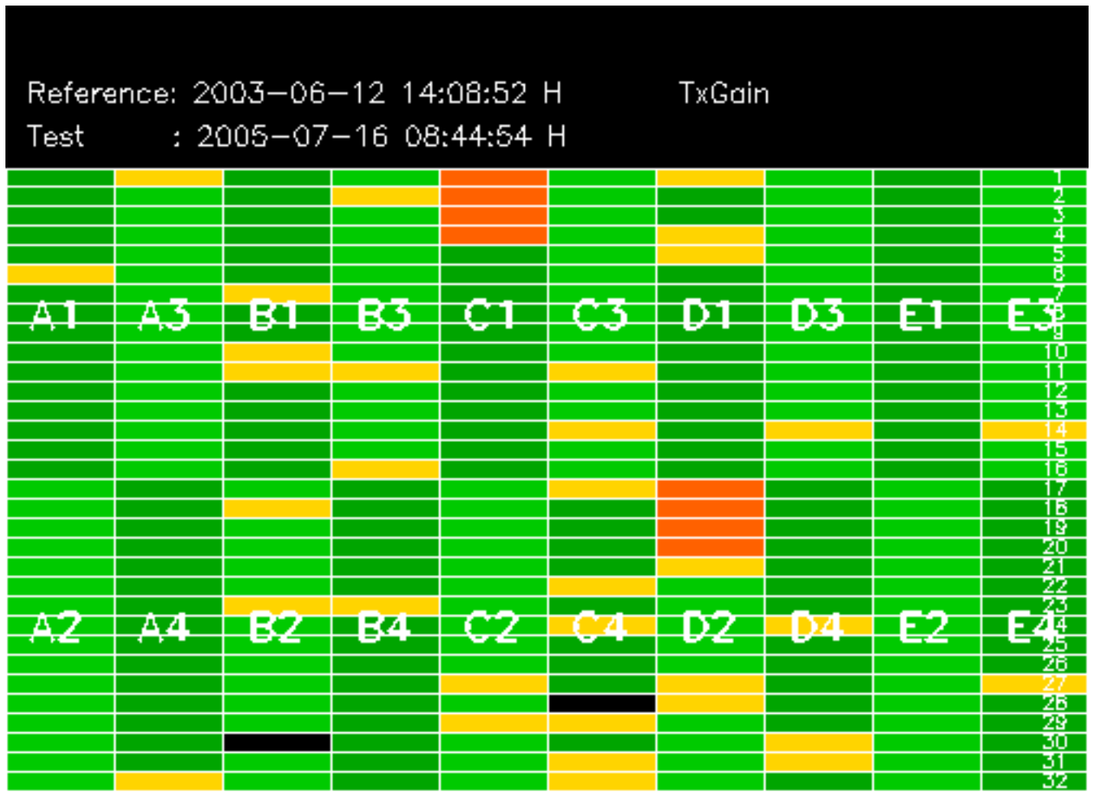
Reference: 2003-06-12 14:08:52 H
Test : 2005-07-16 08:44:54 H
TxGain
A1
A3
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B3
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A2
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B4
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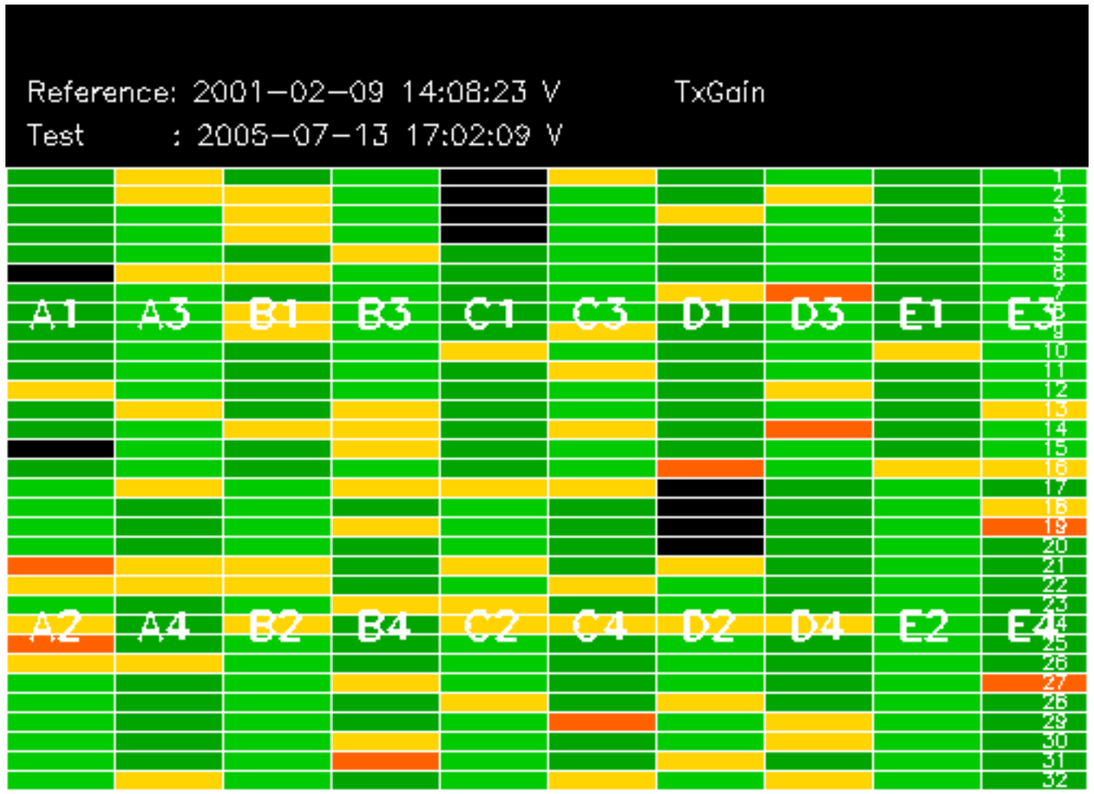
Reference: 2001-02-09 14:08:23 V
Test : 2005-07-13 17:02:09 V
TxGain
A1
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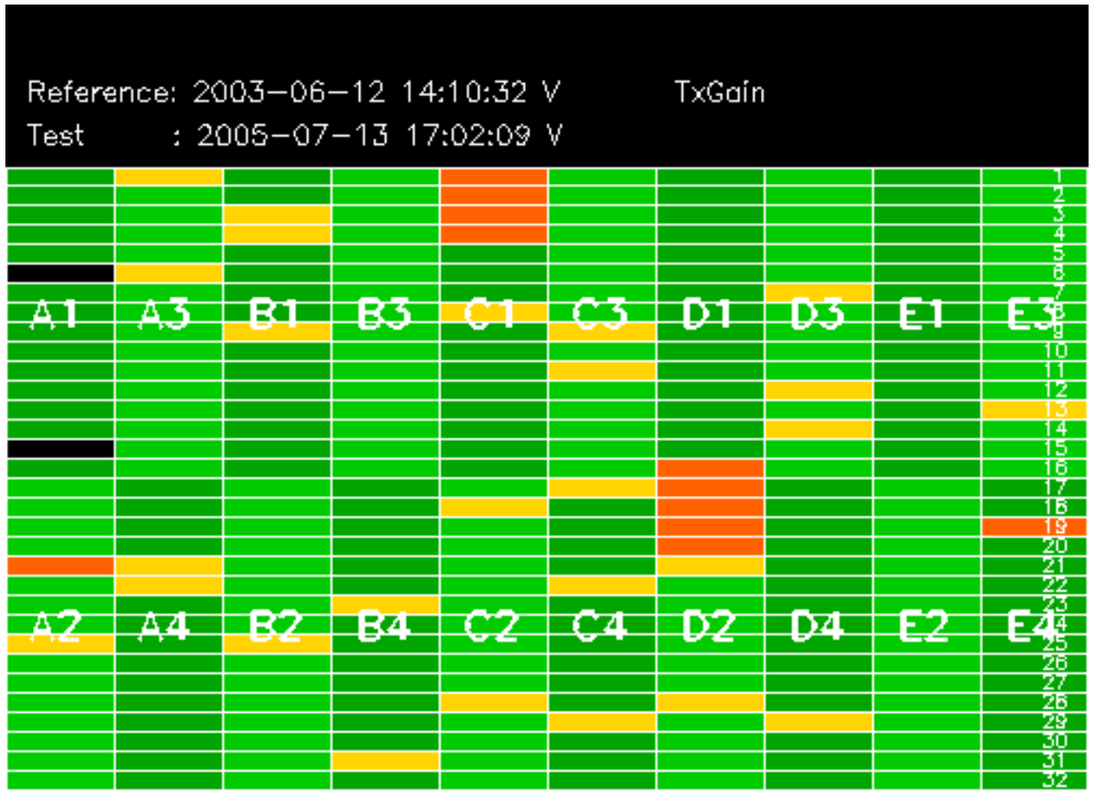
E4


Reference: 2003-06-12 14:10:32 V
Test : 2005-07-13 17:02:09 V
TxGain
A1
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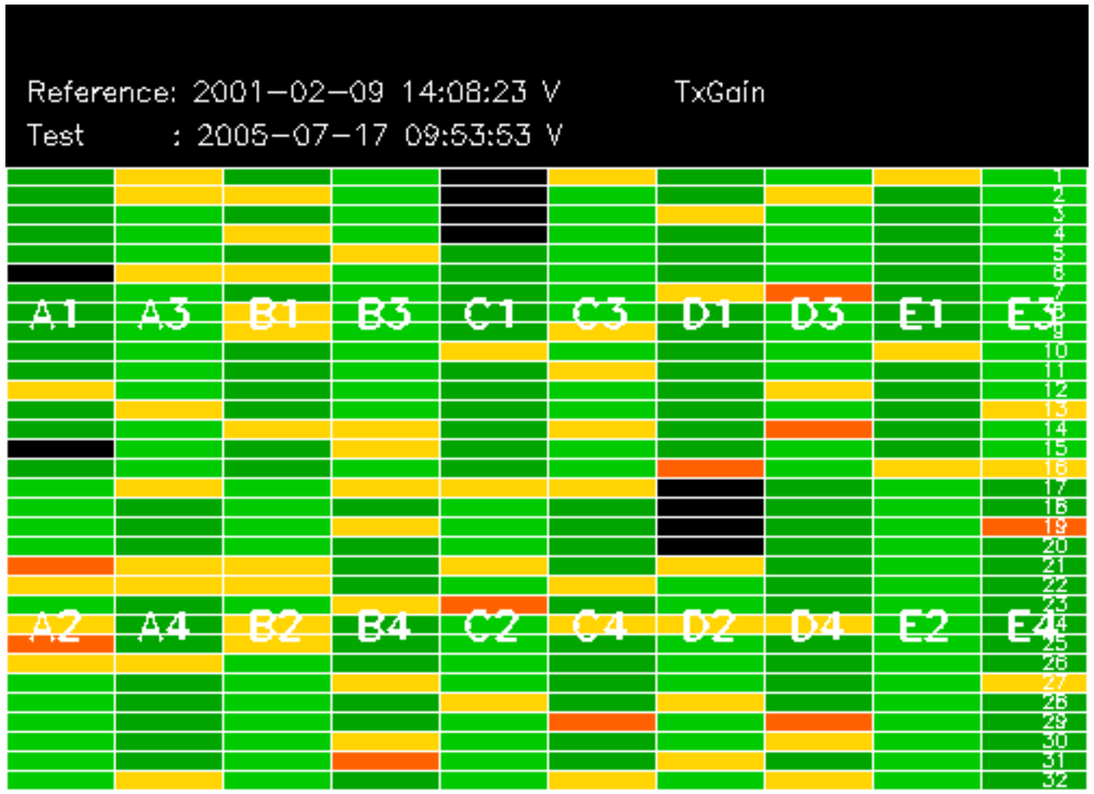
Reference: 2001-02-09 14:08:23 V
TxGain
Test : 2005-07-17 09:53:53 V
A1
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D1
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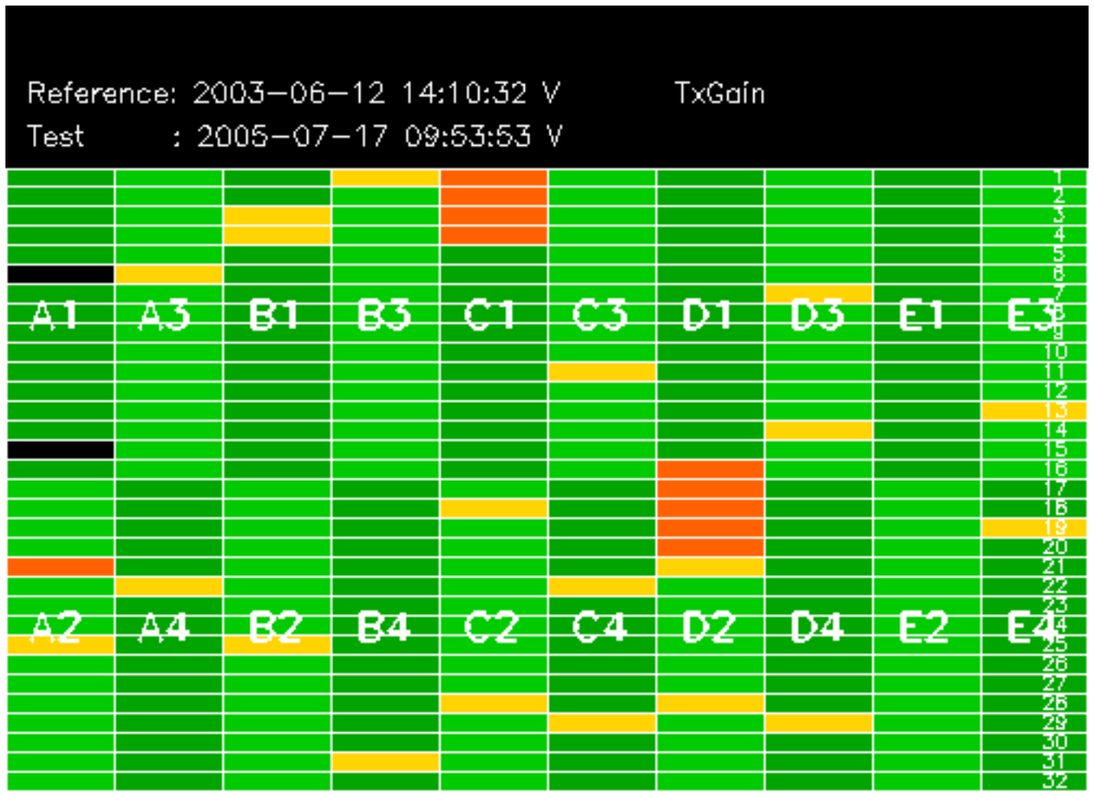
Reference: 2003-06-12 14:10:32 V
Test : 2005-07-17 09:53:53 V
TxGain
A1
A3
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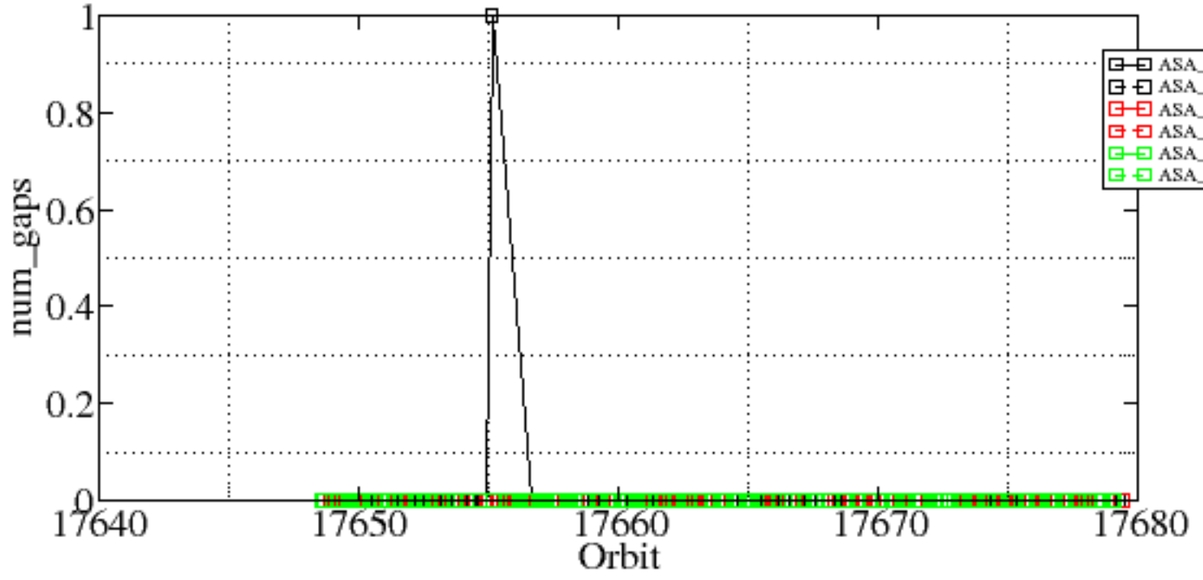
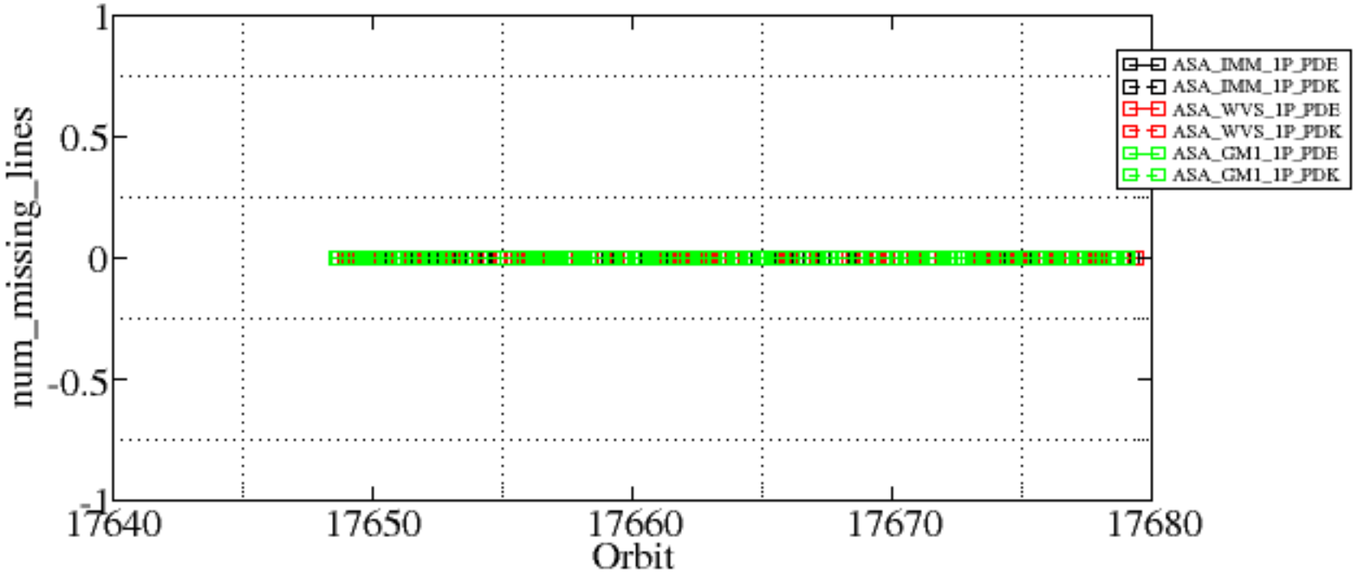
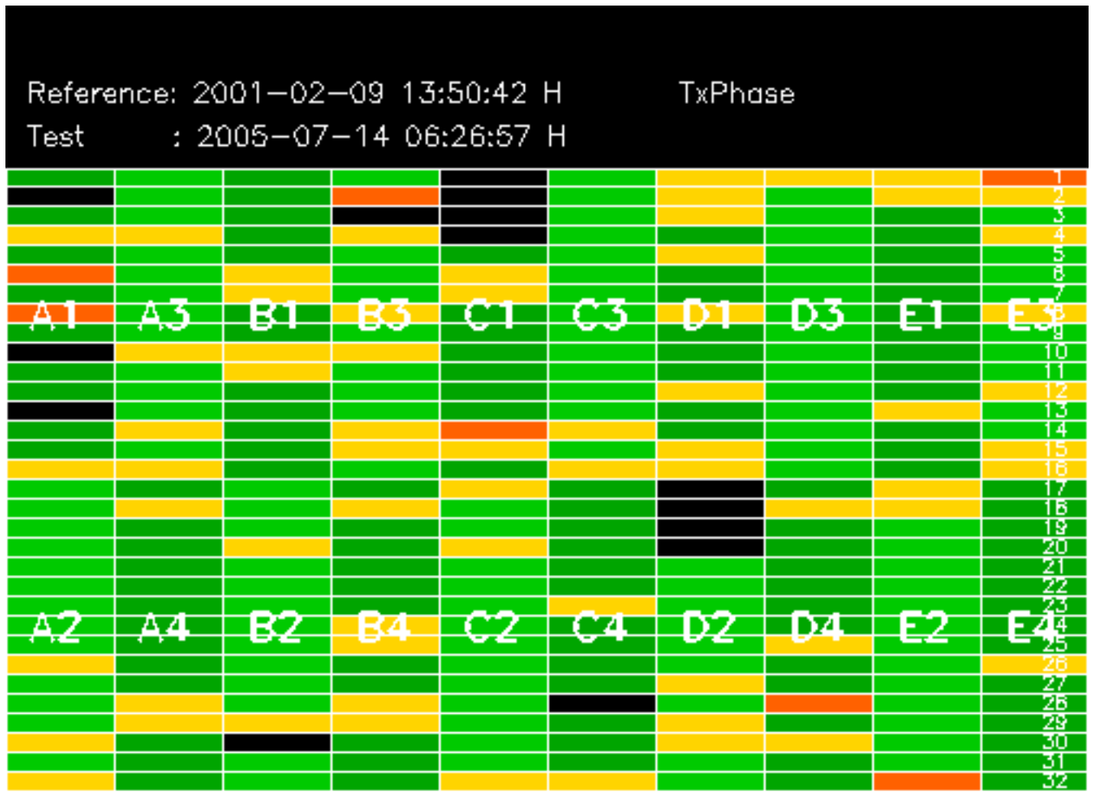
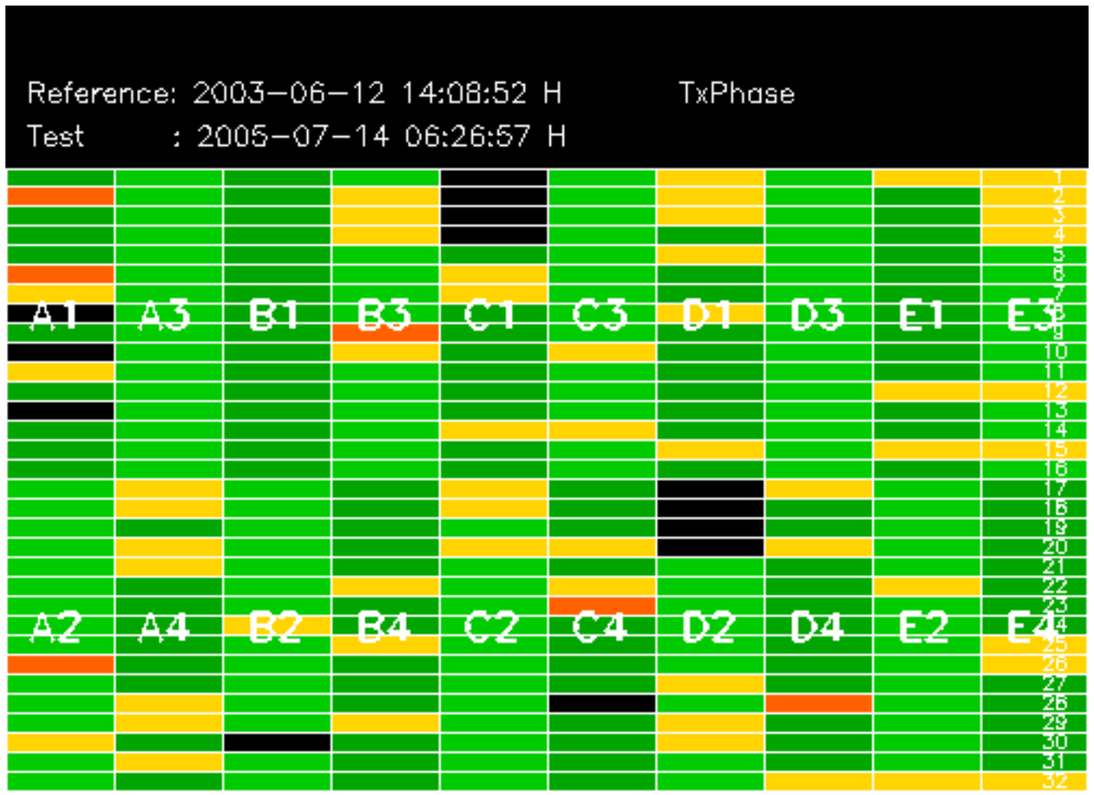
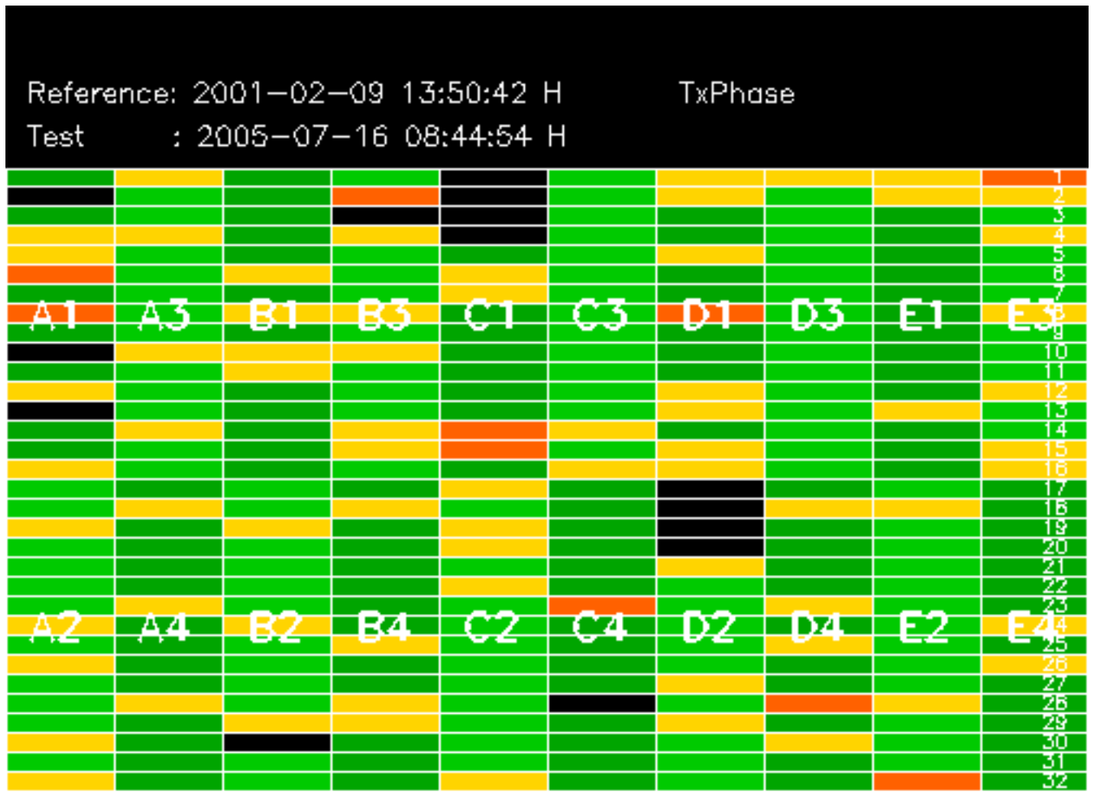
Summary of analysis for the last 3 days 2005071[678]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename   </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20050716_111220_000000512039_00066_17655_2098.N1 </td> <td>1   </td> <td>0   </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
17640
17650
17660
17670
17680
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


num_missing_lines
1
0.5
0
-0.5
-1
17640
17650
17660
17670
17680
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


Reference: 2001-02-09 13:50:42 H
TxPhase
Test : 2005-07-14 06:26:57 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2003-06-12 14:08:52 H
Test : 2005-07-14 06:26:57 H
TxPhase
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
TxPhase
Test : 2005-07-16 08:44:54 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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9
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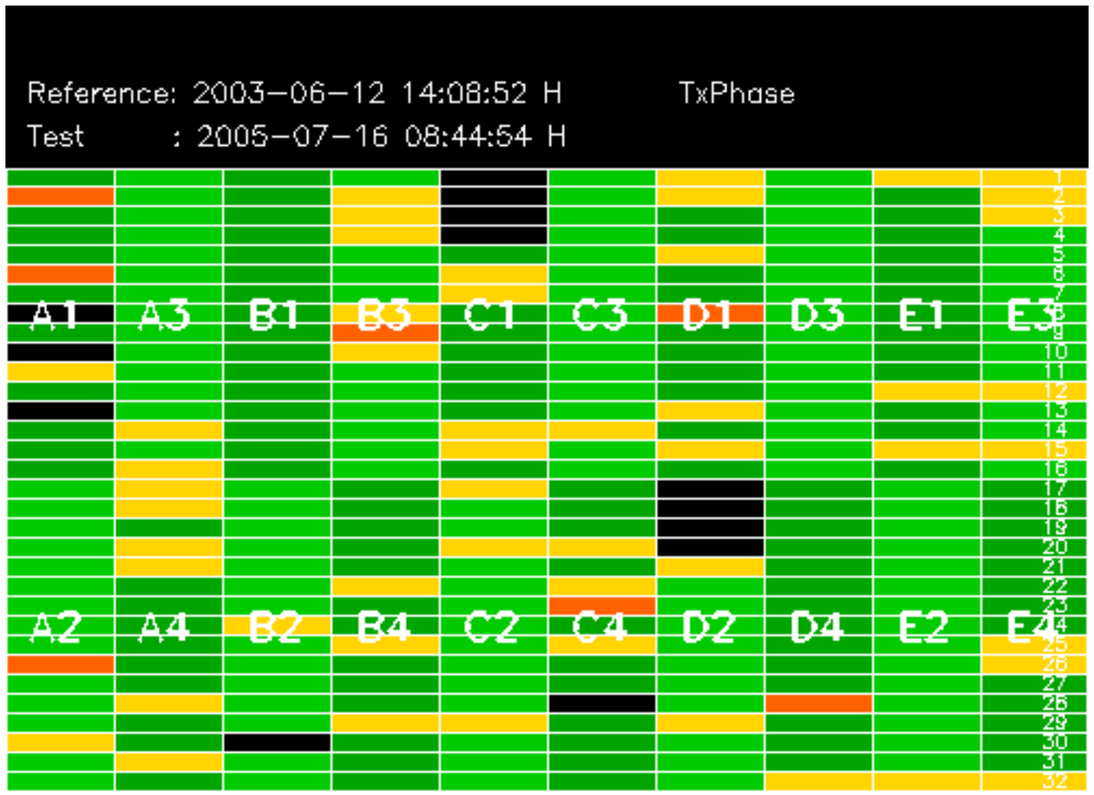
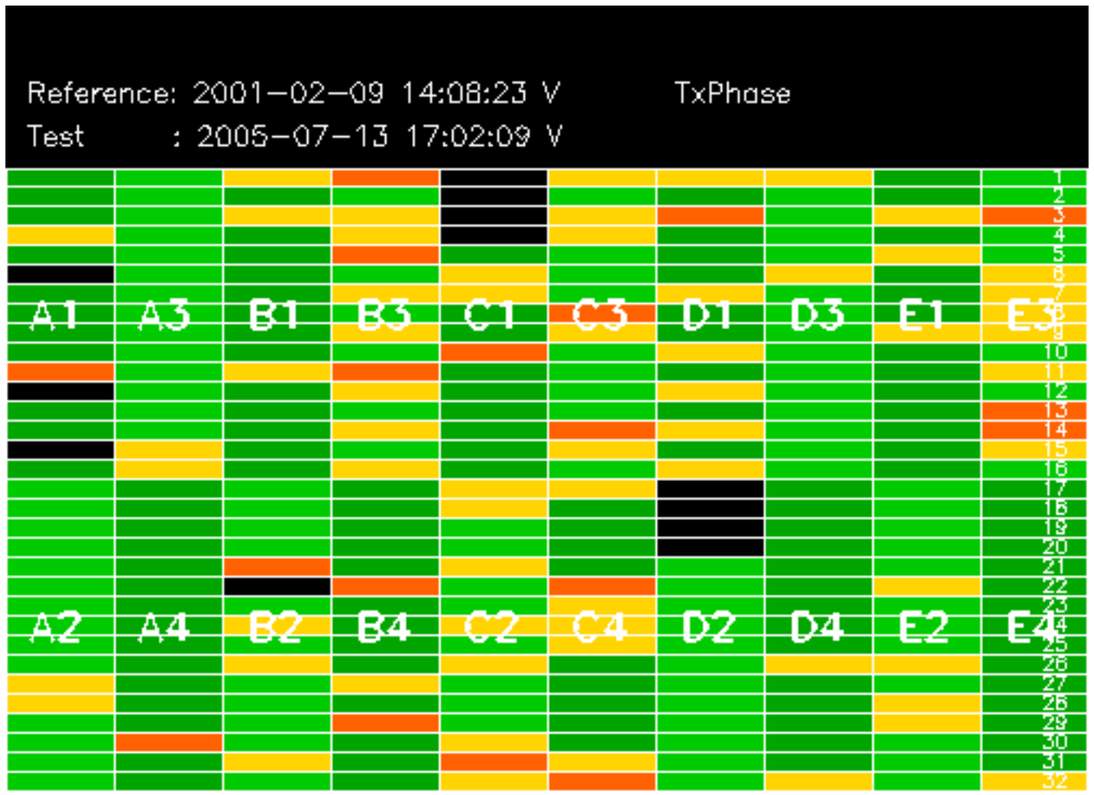

Reference: 2003-06-12 14:08:52 H
Test : 2005-07-16 08:44:54 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
TxPhase
Test : 2005-07-13 17:02:09 V
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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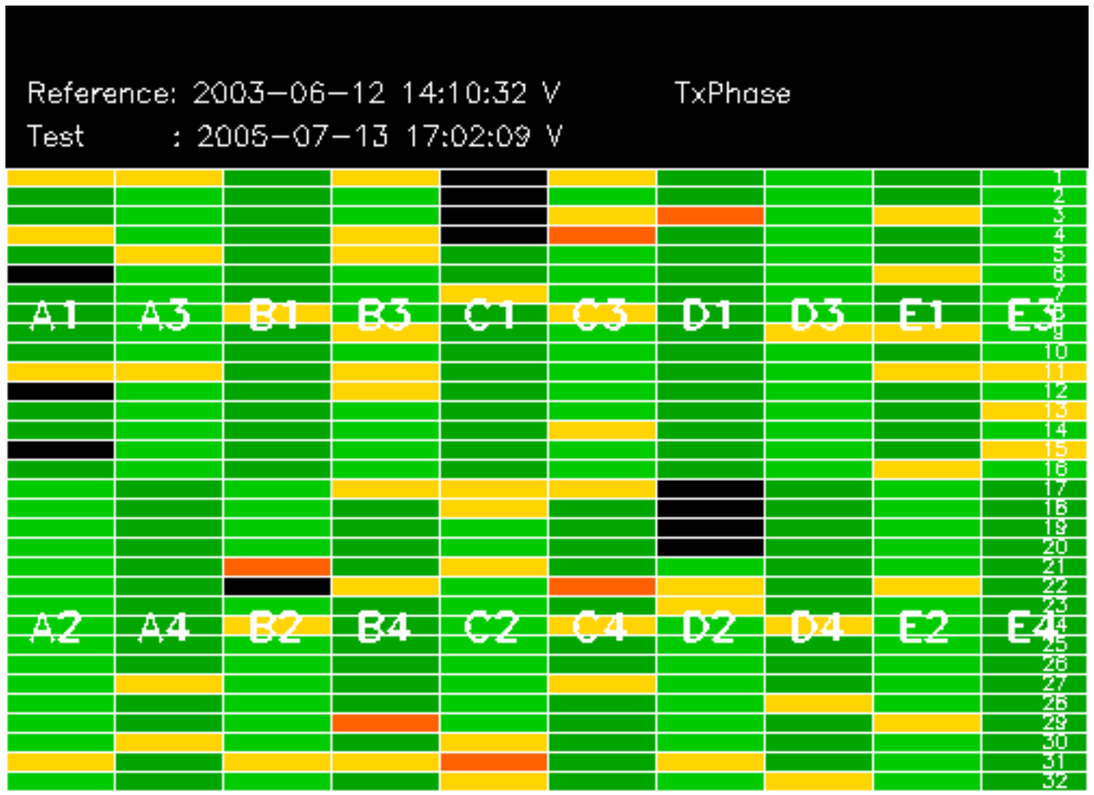
Reference: 2003-06-12 14:10:32 V
Test : 2005-07-13 17:02:09 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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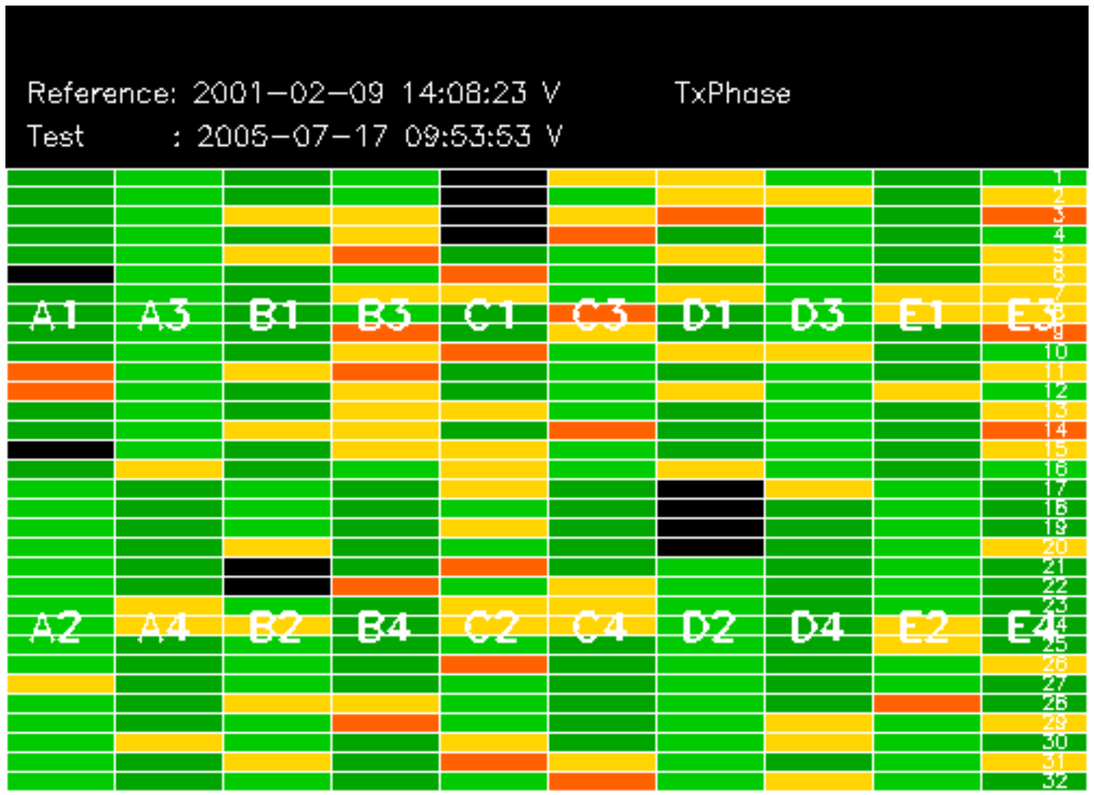
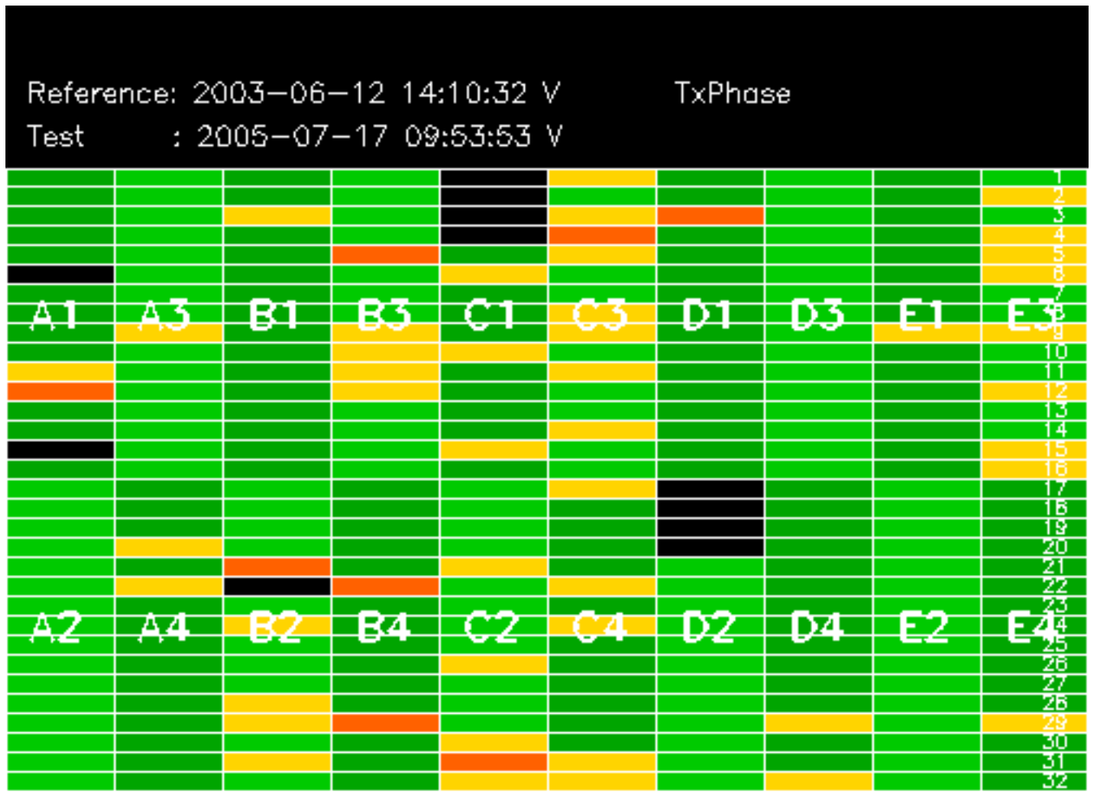
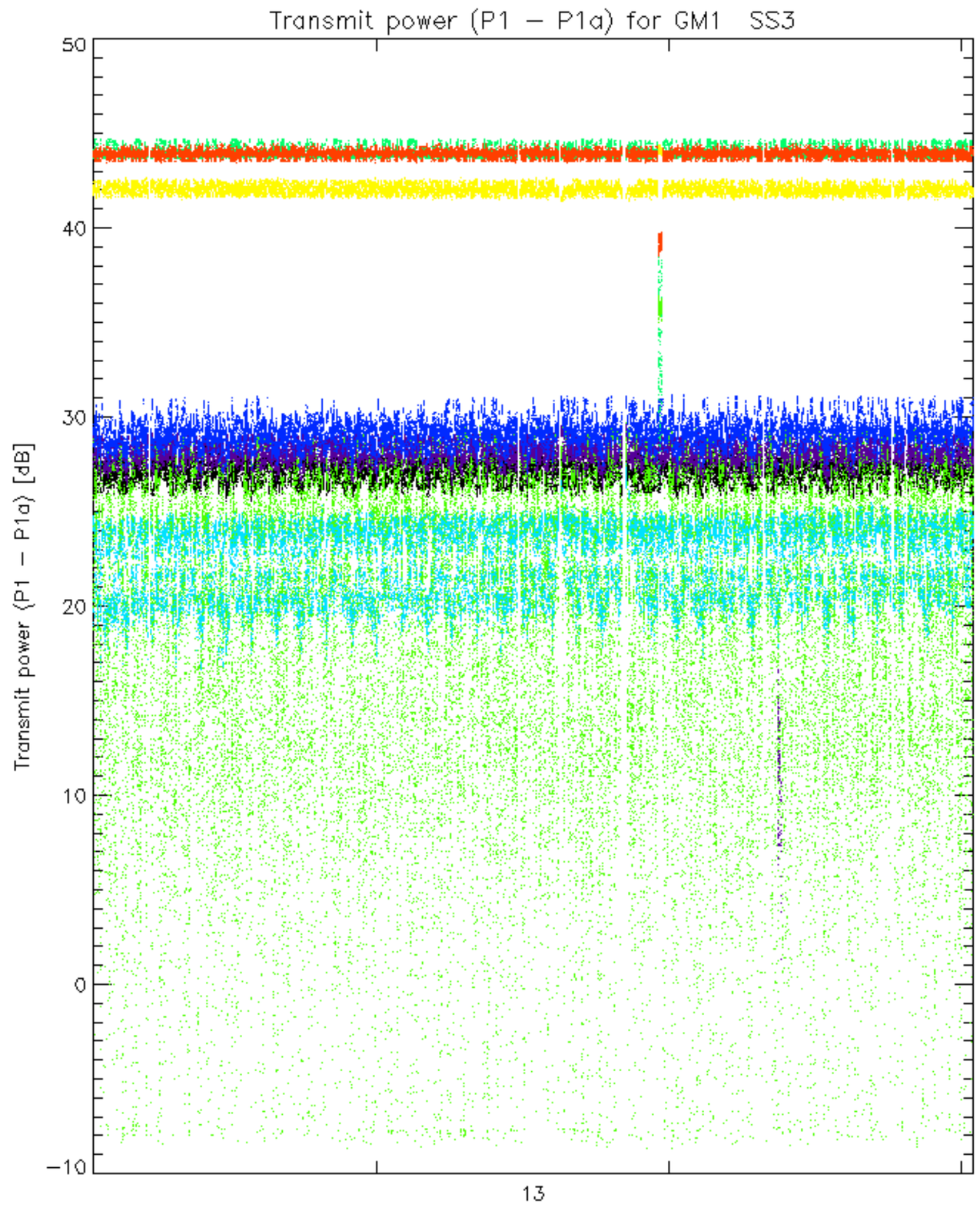
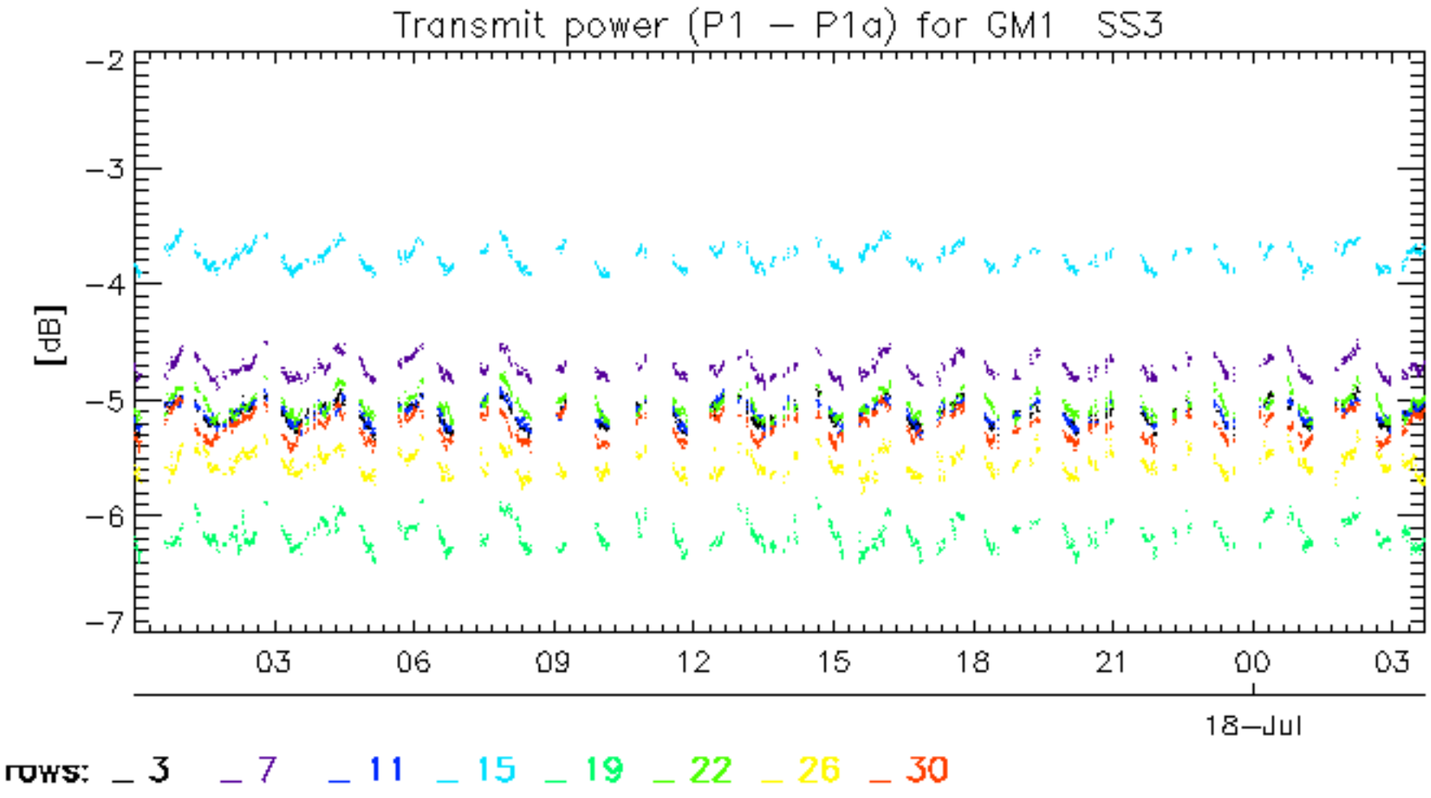
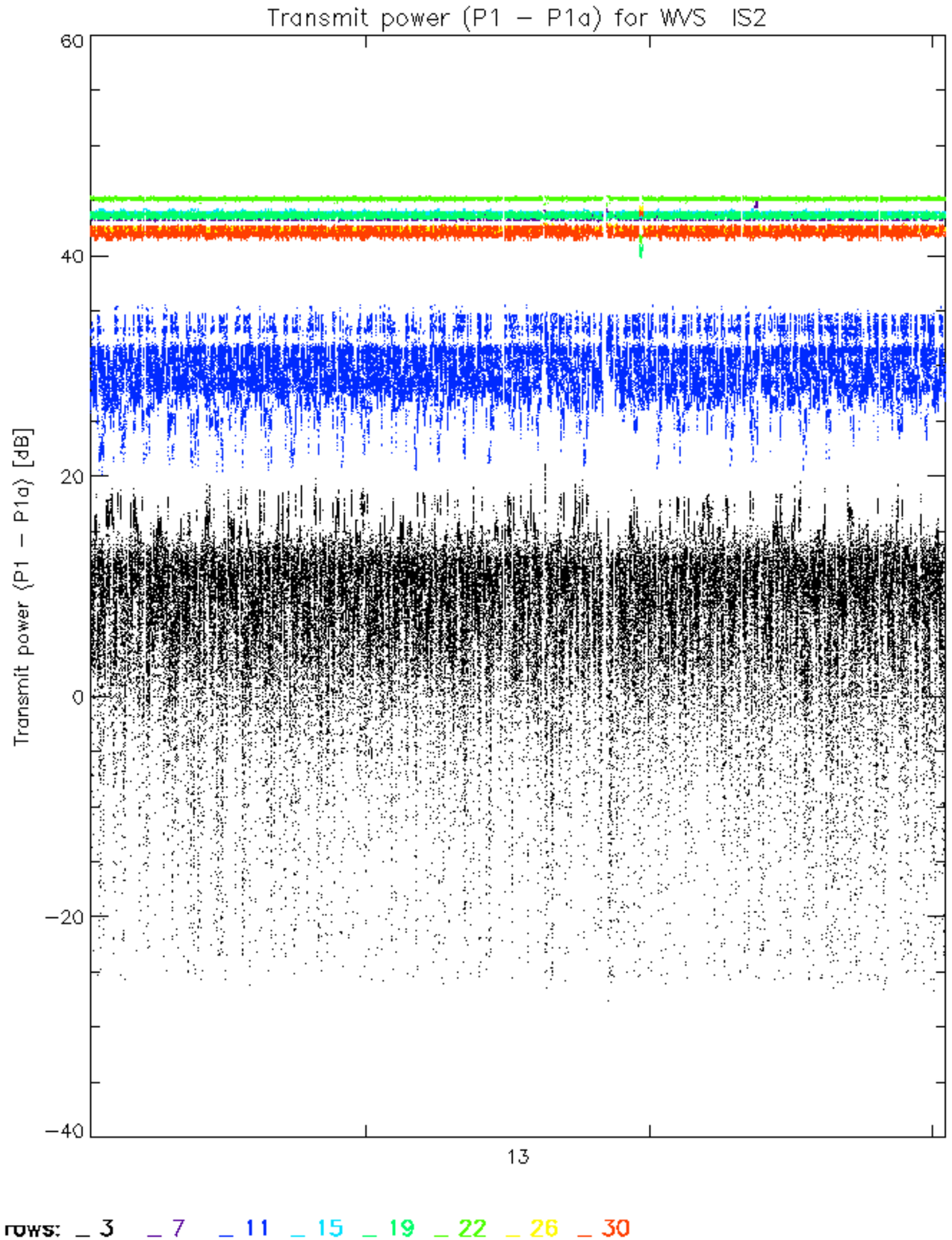
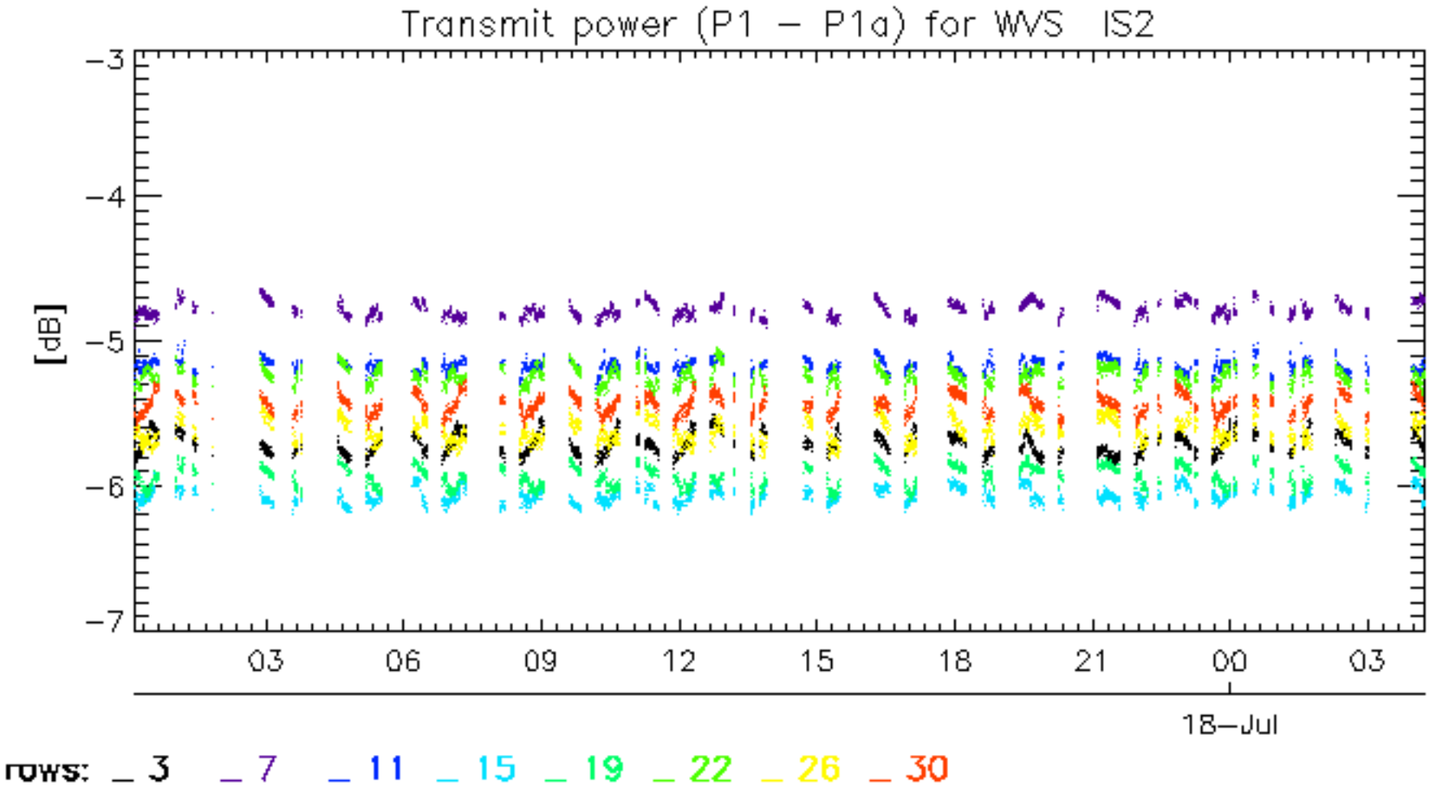

Reference: 2001-02-09 14:08:23 V
Test : 2005-07-17 09:53:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2003-06-12 14:10:32 V
Test : 2005-07-17 09:53:53 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Transmit power (P1 – P1a) for GM1 SS3
Transmit power ⟨P1 – P1a⟩ [dB]
50
40
30
20
10
0
−10
13
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
[dB]
−2
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
00
03
18–Jul
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Transmit power (P1 − P1a) for WVS IS2
60
40
20
0
−20
−40
Transmit power ⟨P1 − P1a⟩ [dB]
13
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
[dB]
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
00
03
18–Jul
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.