PRELIMINARY REPORT OF 060603

last update on Sat Jun 3 16:43:19 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 2006-06-02 00:00:00 to 2006-06-03 16:43:19

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

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	40	60	17	0	13
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	40	60	17	0	13
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	40	60	17	0	13
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	40	60	17	0	13

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	39	55	27	15	67
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	39	55	27	15	67
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	39	55	27	15	67
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	39	55	27	15	67

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	20060603 064401
H	20060602 071538

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	-3.956849	0.016922	0.048918
7	P1	-3.107361	0.017222	-0.075829
11	P1	-4.107734	0.017856	0.005612
15	P1	-6.134331	0.019743	-0.004142
19	P1	-3.321947	0.008422	-0.042920
22	P1	-4.517833	0.011361	0.033547
26	P1	-3.986737	0.018363	0.040650
30	P1	-5.747938	0.008151	0.017178
3	P1	-16.570618	0.259852	0.216845
7	P1	-17.134352	0.183693	-0.236906
11	P1	-16.919714	0.309041	-0.044181
15	P1	-13.215257	0.207499	-0.037011
19	P1	-14.264070	0.047812	-0.096068
22	P1	-16.161320	0.377017	-0.052192
26	P1	-15.272274	0.244047	0.051345
30	P1	-17.029043	0.367397	-0.265659

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.209417	0.080823	0.135110
7	P2	-22.091396	0.097567	0.160383
11	P2	-15.936143	0.110011	0.134678
15	P2	-7.163752	0.091830	0.021420
19	P2	-9.166227	0.084291	-0.010266
22	P2	-18.124619	0.082112	-0.088137
26	P2	-16.368799	0.087074	-0.065004
30	P2	-19.580530	0.085008	0.071759

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.186807	0.003840	0.019235
7	P3	-8.186807	0.003840	0.019235
11	P3	-8.186807	0.003840	0.019235
15	P3	-8.186807	0.003840	0.019235
19	P3	-8.186807	0.003840	0.019235
22	P3	-8.186807	0.003840	0.019235
26	P3	-8.186807	0.003840	0.019235
30	P3	-8.186807	0.003840	0.019235

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	-3.777292	0.065651	-0.083462
7	P1	-2.605367	0.032477	0.057893
11	P1	-2.865342	0.023918	0.009112
15	P1	-3.497083	0.049323	-0.009877
19	P1	-3.396725	0.014016	-0.023351
22	P1	-5.087804	0.020015	0.028422
26	P1	-5.839407	0.014841	-0.026261
30	P1	-5.189190	0.026172	0.007479
3	P1	-11.615438	0.080116	-0.023411
7	P1	-9.962361	0.054137	0.041367
11	P1	-10.199852	0.085548	-0.003222
15	P1	-10.626070	0.148780	-0.056519
19	P1	-15.509410	0.075846	-0.074779
22	P1	-20.884171	1.231526	-0.057210
26	P1	-16.483261	0.347368	0.010397
30	P1	-18.014614	0.387397	0.288319

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.895962	0.063677	0.089993
7	P2	-22.520514	0.121649	0.053690
11	P2	-11.182990	0.042879	0.042743
15	P2	-4.905642	0.044189	-0.029078
19	P2	-6.878234	0.043428	-0.007927
22	P2	-8.195461	0.039350	-0.044760
26	P2	-24.107485	0.062685	-0.046061
30	P2	-22.064175	0.050858	-0.009442

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.020019	0.004415	0.019724
7	P3	-8.020136	0.004409	0.019727
11	P3	-8.020099	0.004393	0.019560
15	P3	-8.019969	0.004402	0.019399
19	P3	-8.020131	0.004408	0.019555
22	P3	-8.020155	0.004390	0.019422
26	P3	-8.020048	0.004395	0.018958
30	P3	-8.020030	0.004402	0.019353

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	0.000529413
	stdev	1.91794e-07
MEAN Q	mean	0.000511025
	stdev	2.30662e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.133888
	stdev	0.00118307
STDEV Q	mean	0.134226
	stdev	0.00119966

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006060[123]
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_1PNPDE20060602_042646_000000522048_00147_22245_6548.N1	1	0
ASA_WSM_1PNPDE20060601_182816_000002692048_00142_22240_2073.N1	0	70
ASA_WSM_1PNPDE20060602_201721_000000852048_00157_22255_2313.N1	0	43
ASA_WSM_1PNPDE20060603_035851_000000852048_00162_22260_2386.N1	0	39

7 - Doppler Analysis

Preliminary report.The data is not yet controled

7.1 - Unbiased Doppler Error for WVS

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.2 - Absolute Doppler for WVS

Evolution of Absolute Doppler

Acsending

Descending

7.3 - Doppler evolution versus ANX for WVS

Evolution Doppler error versus ANX


7.4 - Unbiased Doppler Error for GM1

Evolution of unbiased Doppler error (Real - Expected)

Acsending

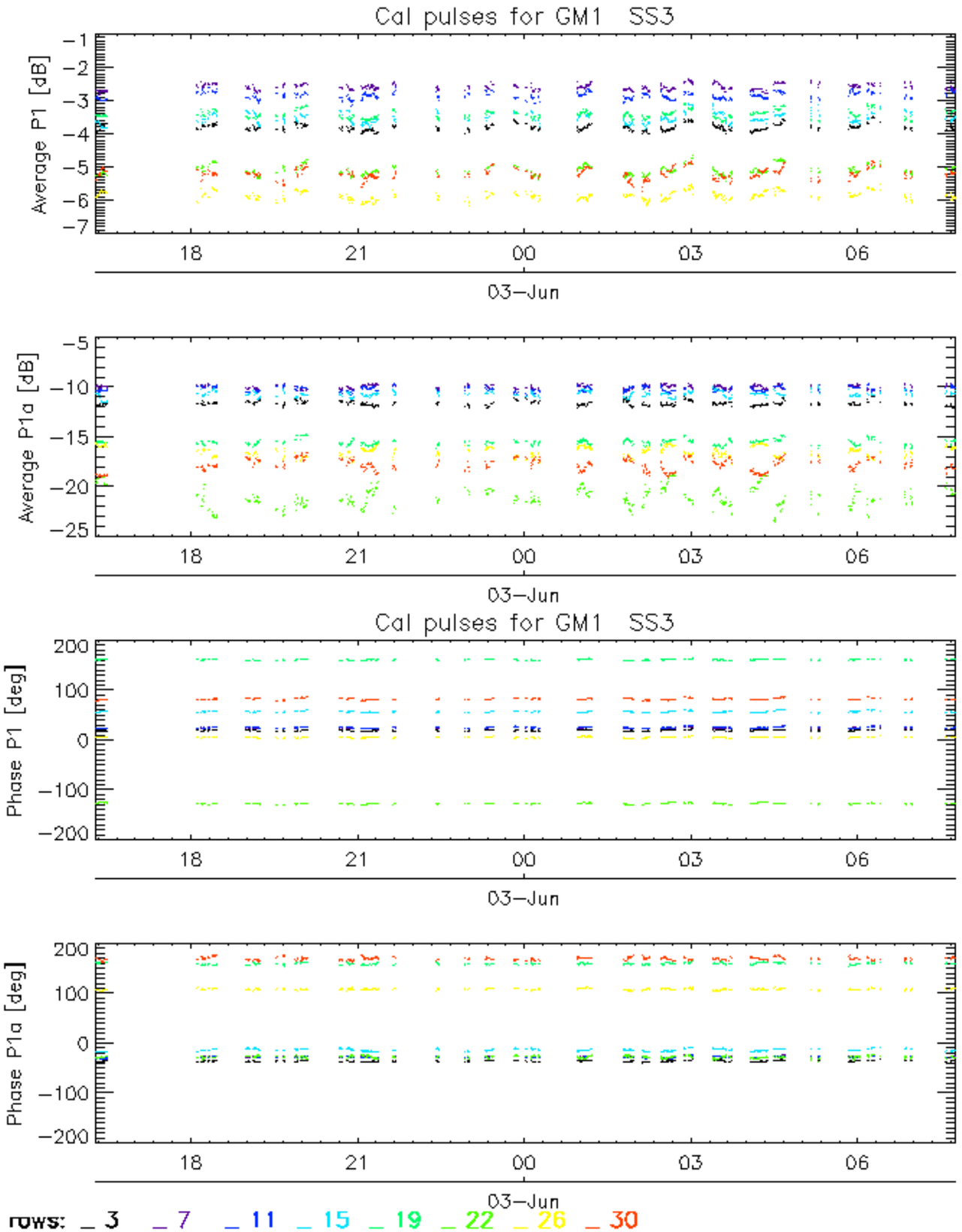
Descending

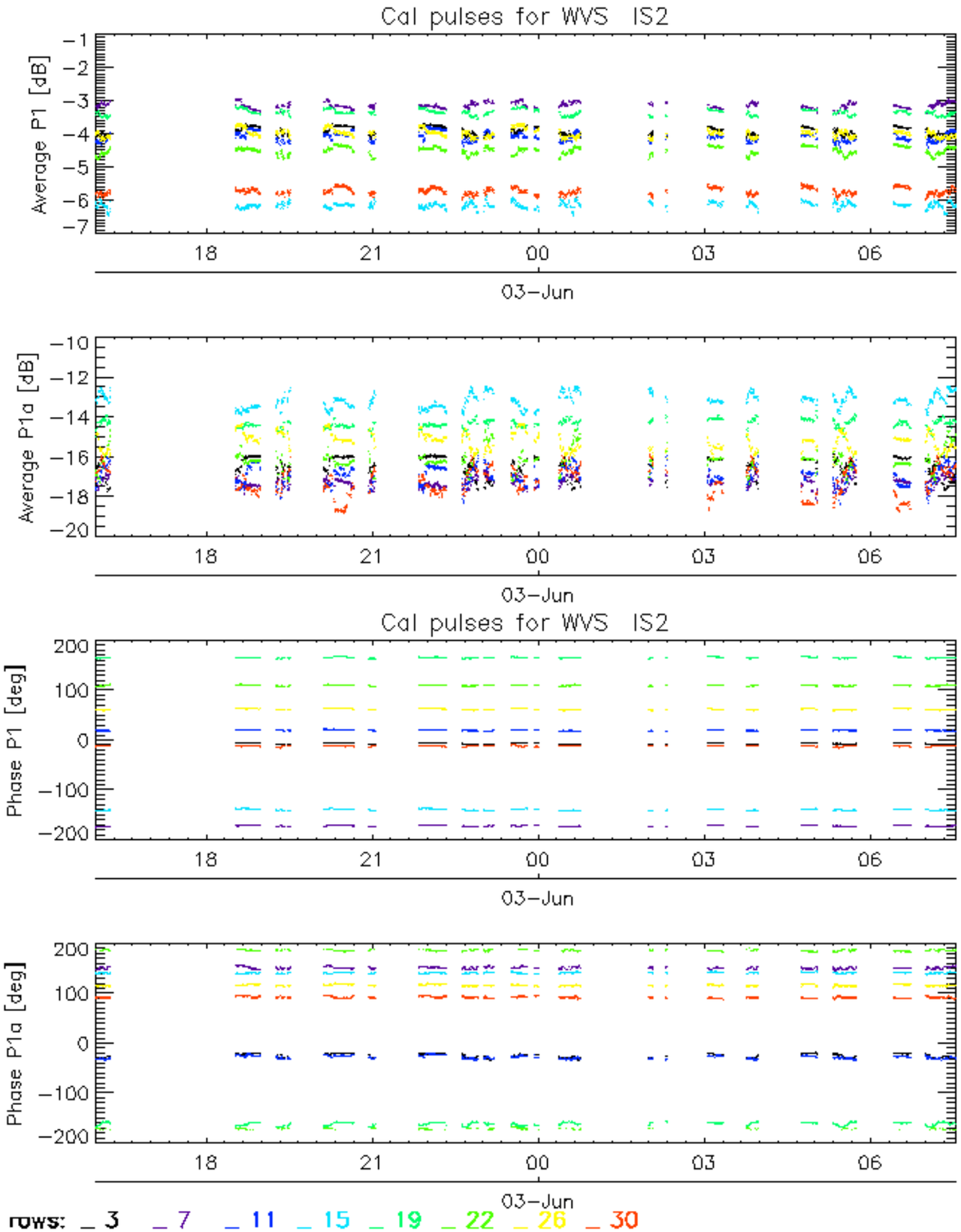
7.5 - Absolute Doppler for GM1

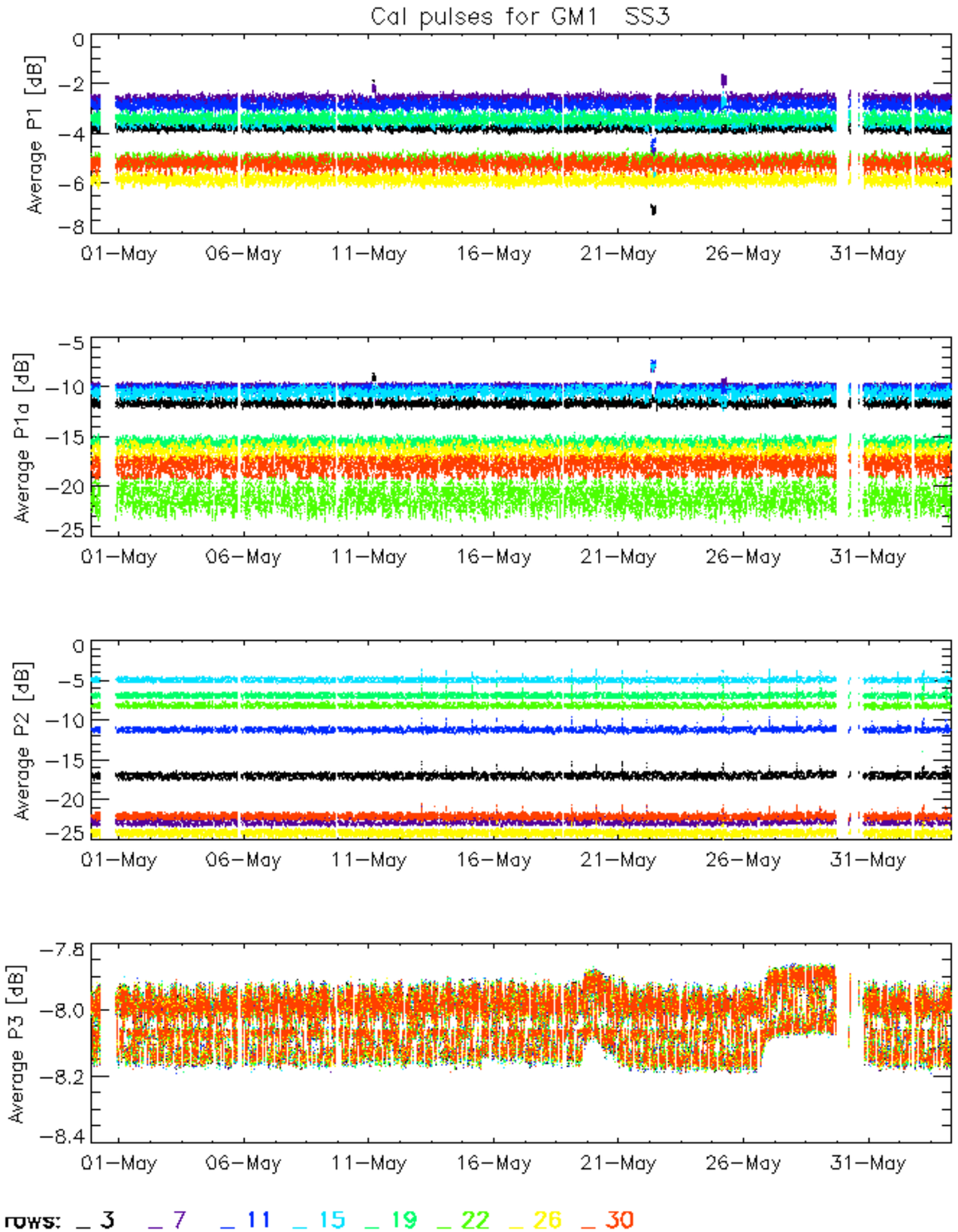
Evolution of Absolute Doppler
Acsending
Descending

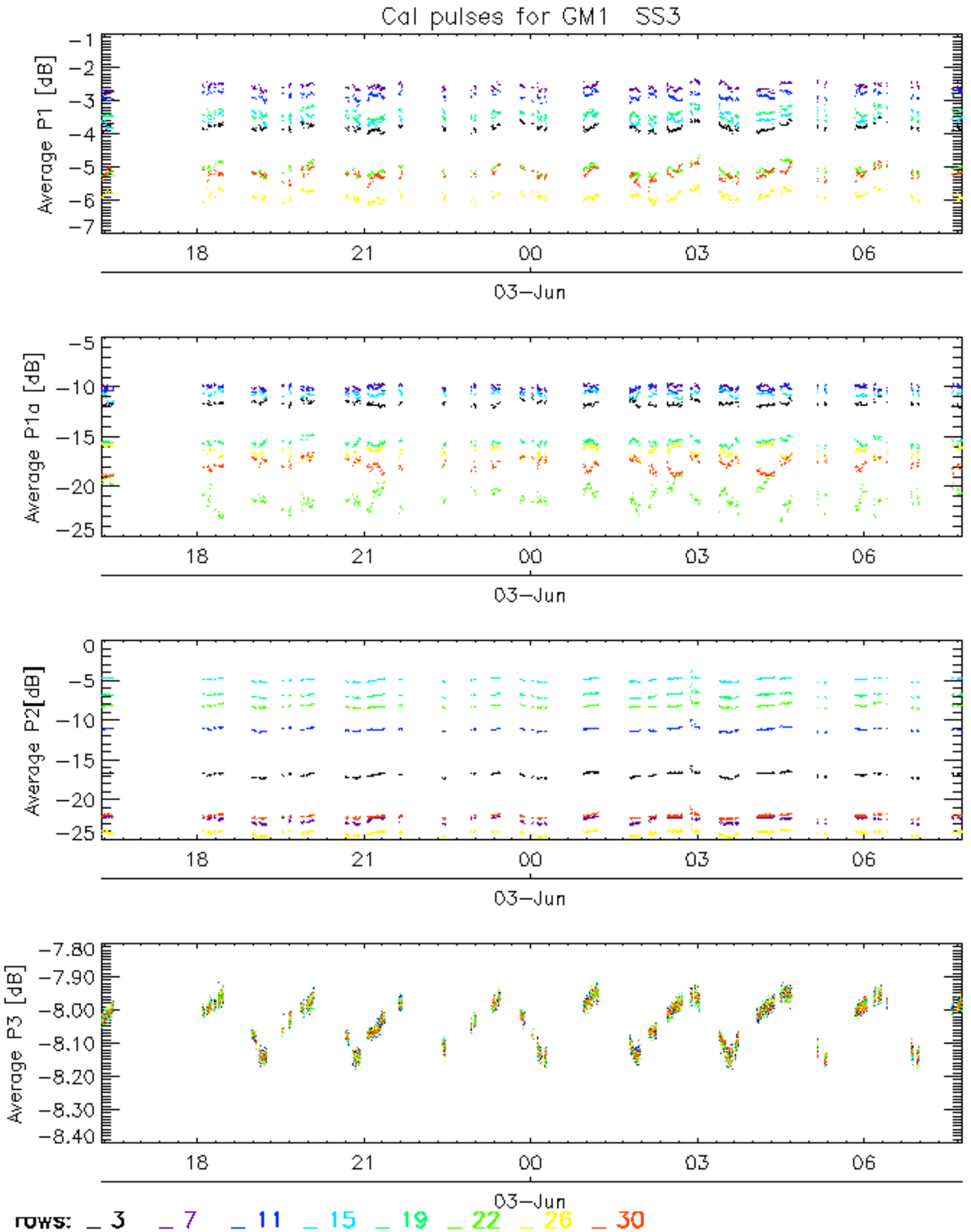
7.6 - Doppler evolution versus ANX for GM1

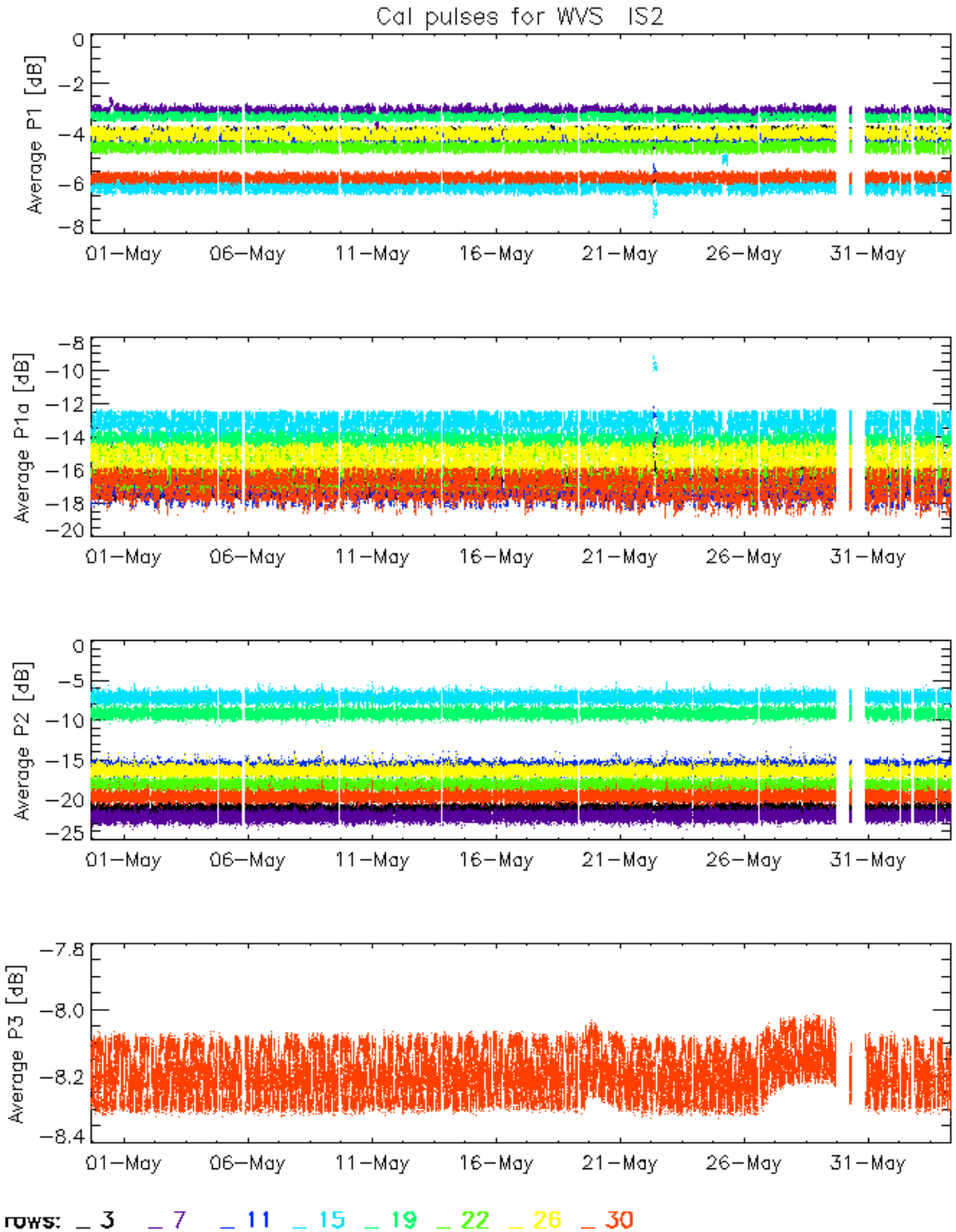
Evolution Doppler error versus ANX

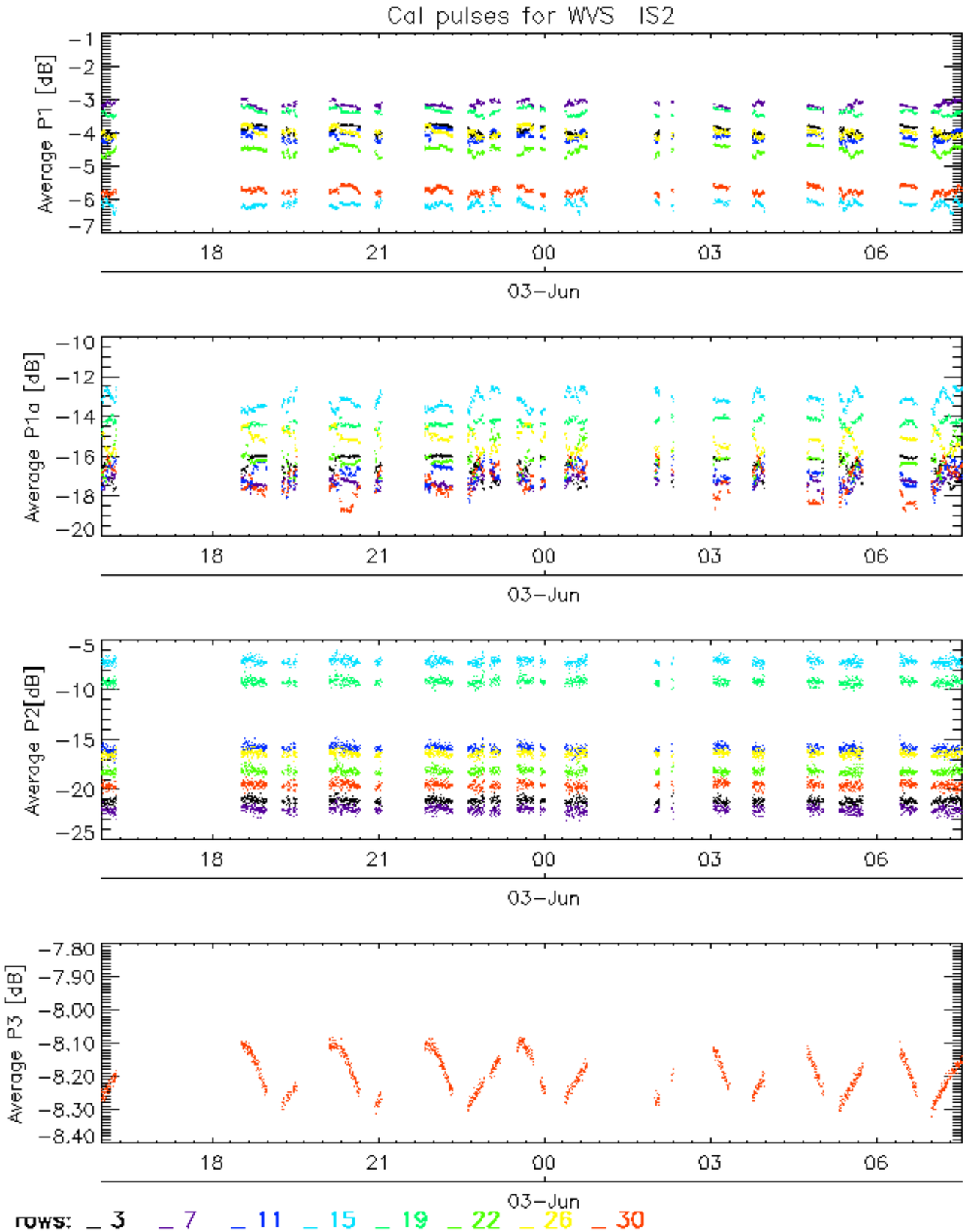

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
03−Jun
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
03−Jun
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
03−Jun
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
03−Jun
rows: _ 3 _ 7 _ 11 _ 15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


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

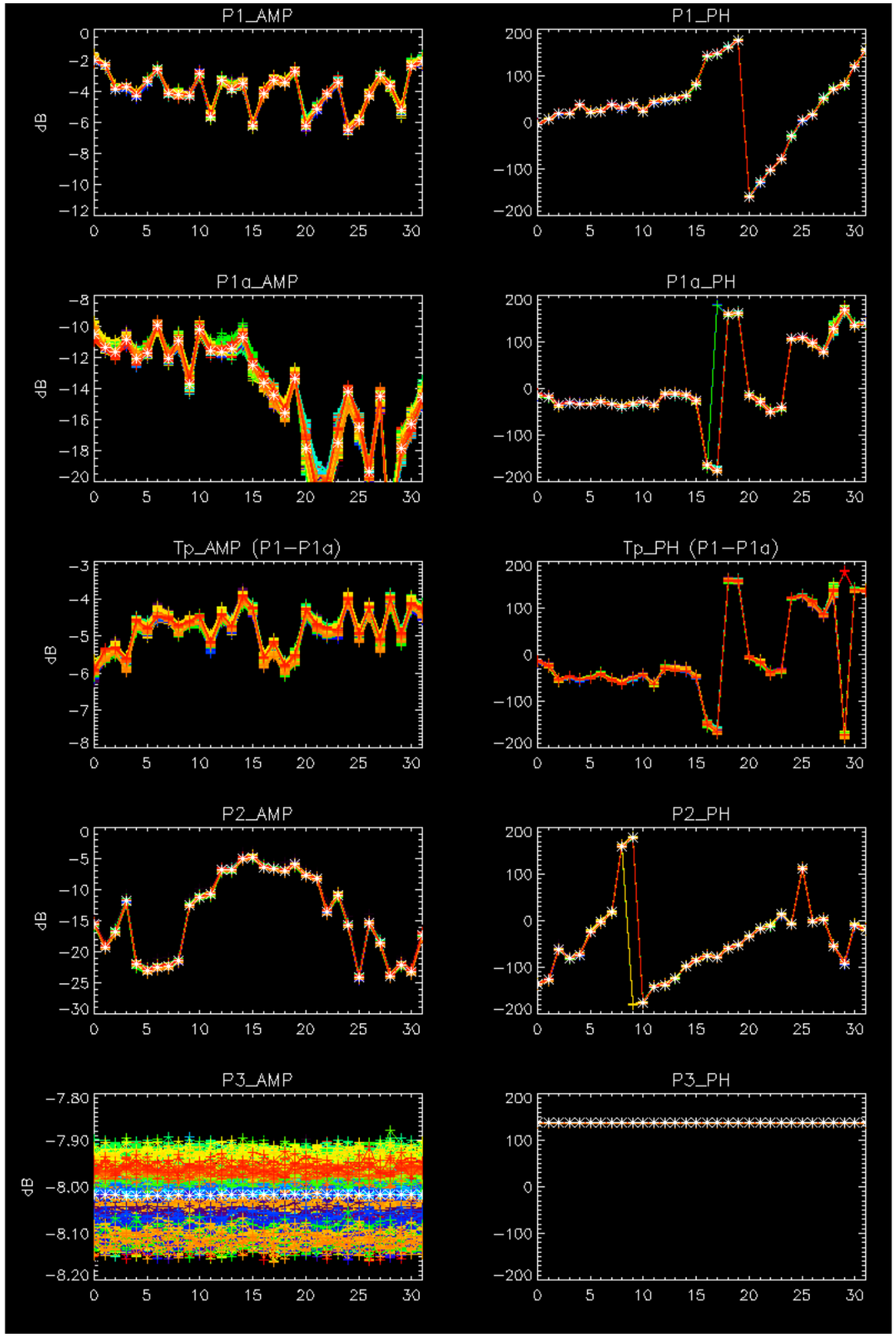

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
01−May
06−May
11−May
16−May
21−May
26−May
31−May
rows: 3 7 11 15 19 22 26 30

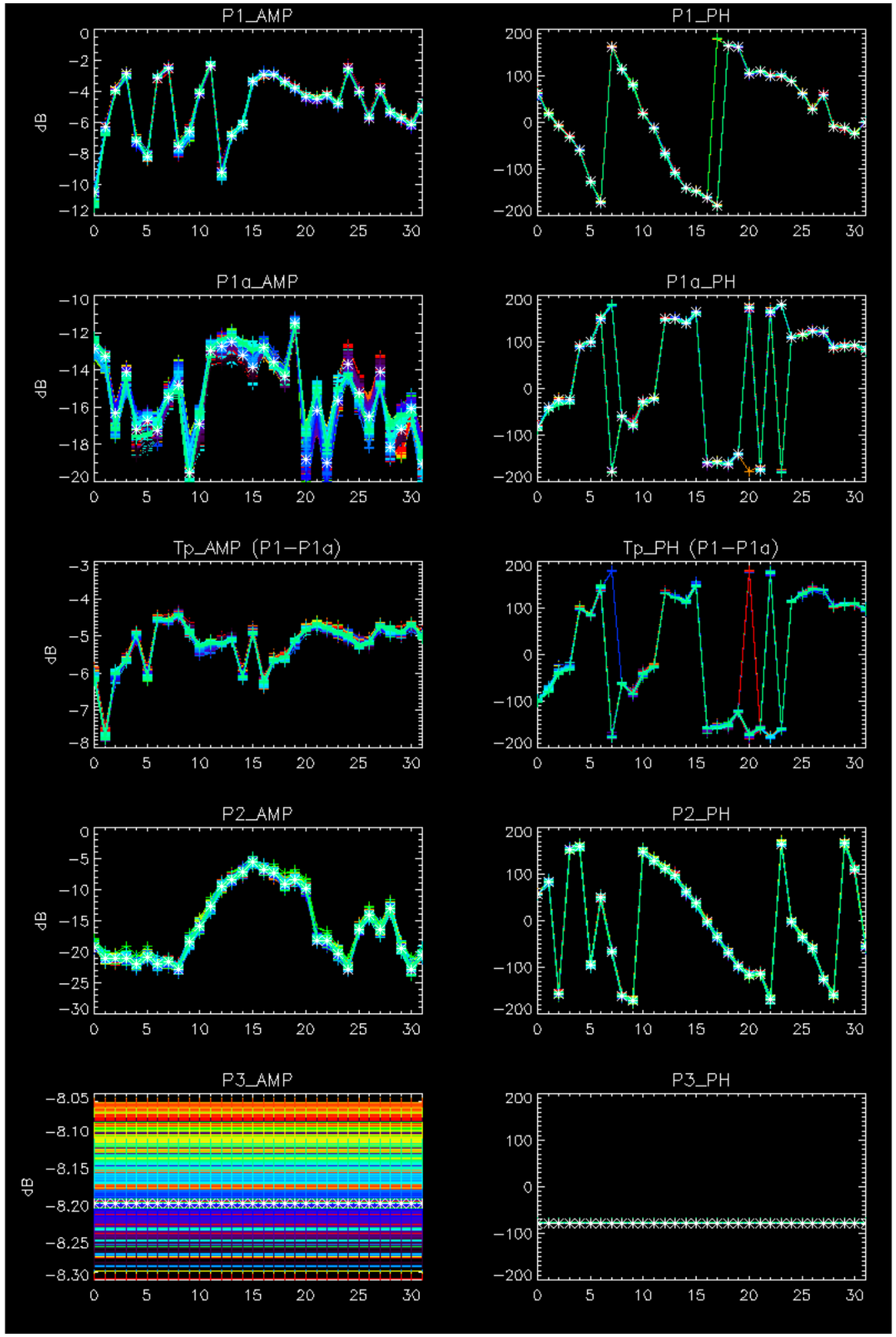

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
03−Jun
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
03−Jun
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
03−Jun
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
03−Jun
rows: _ 3 _ 7 _ 11 _ 15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


Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
01−May
06−May
11−May
16−May
21−May
26−May
31−May
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
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
03−Jun
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
03−Jun
Average P2[dB]
−5
−10
−15
−20
−25
18
21
00
03
06
03−Jun
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
03−Jun
rows: 3 7 11 15 19 22 26 30

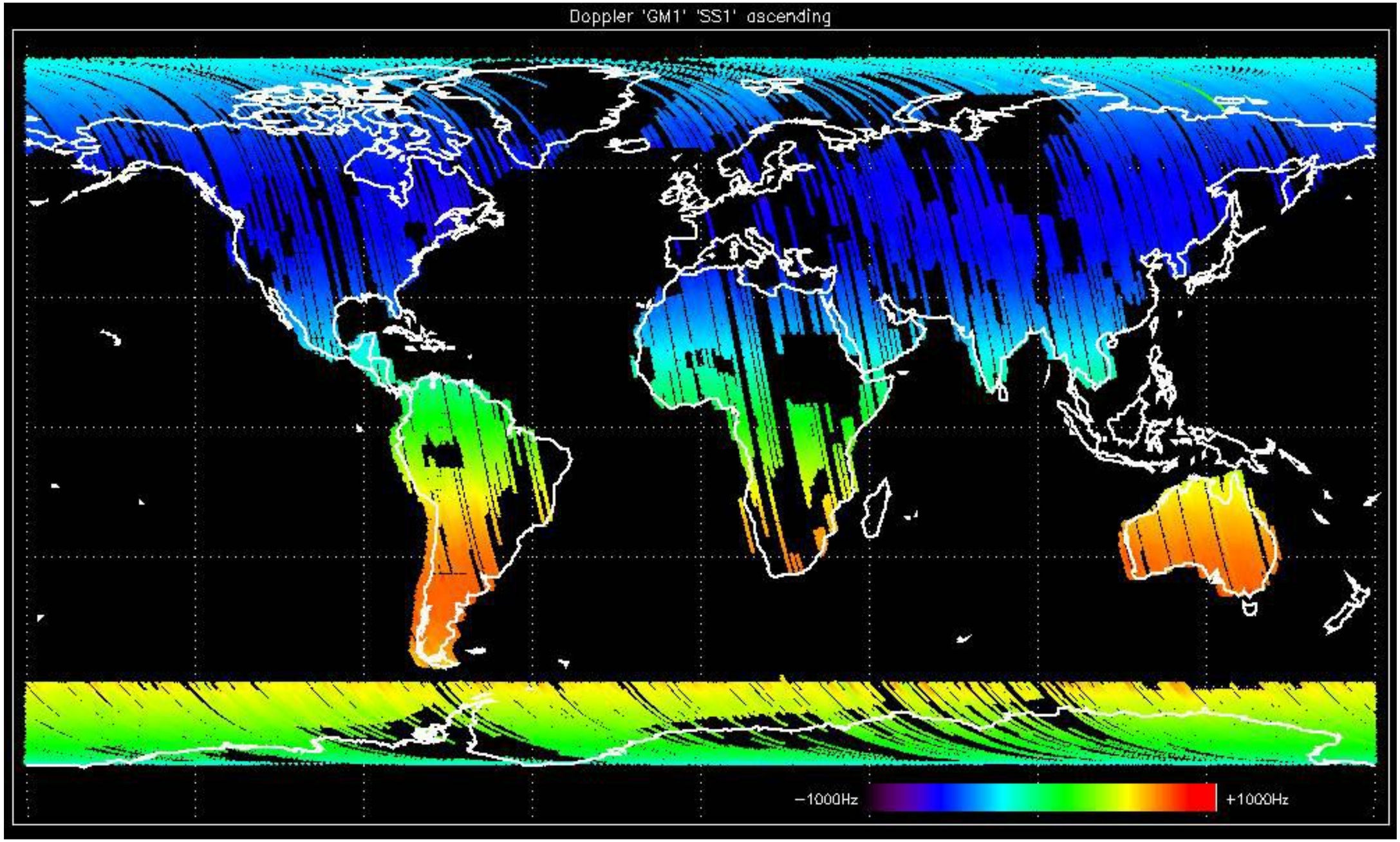
No anomalies observed.

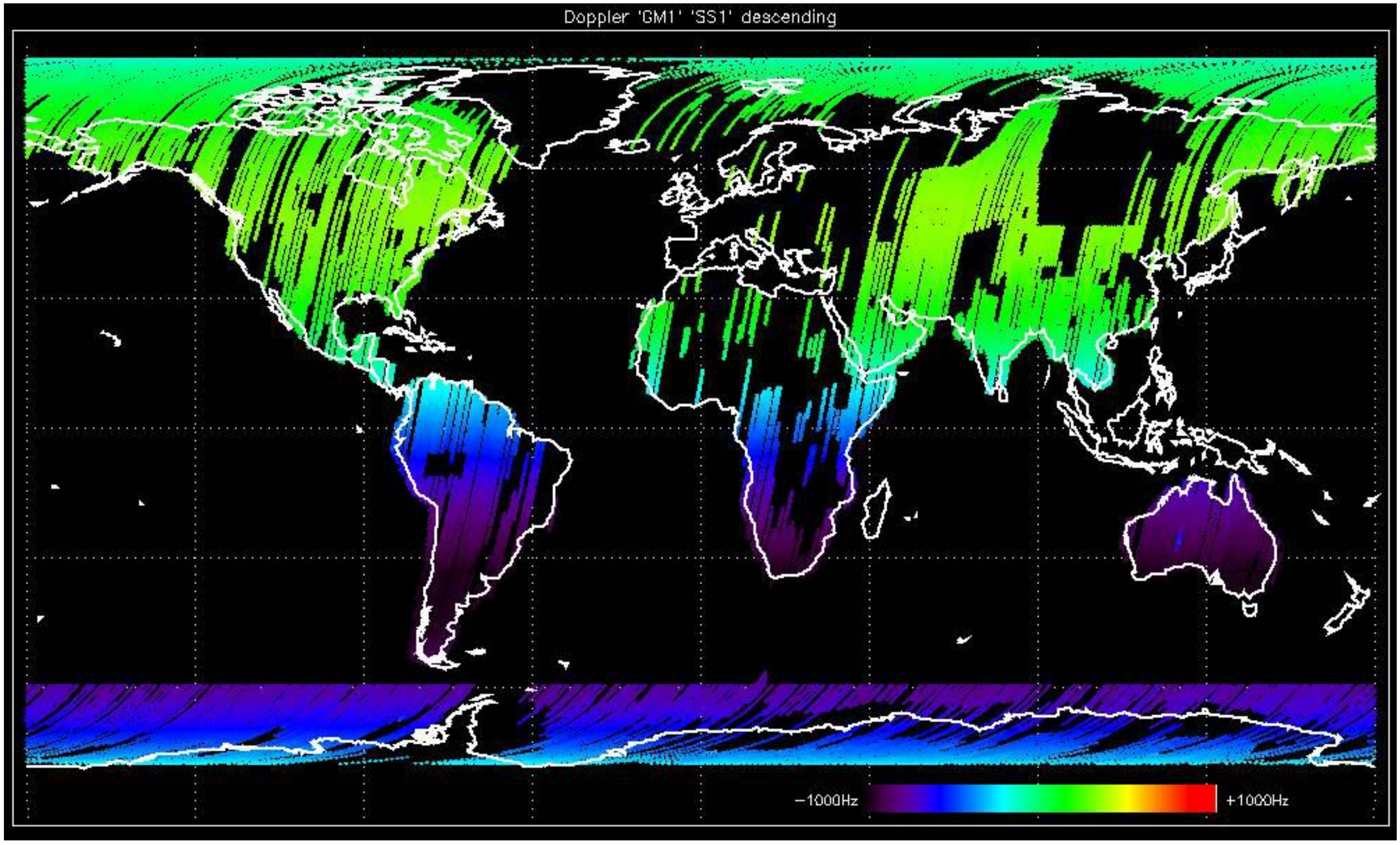

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

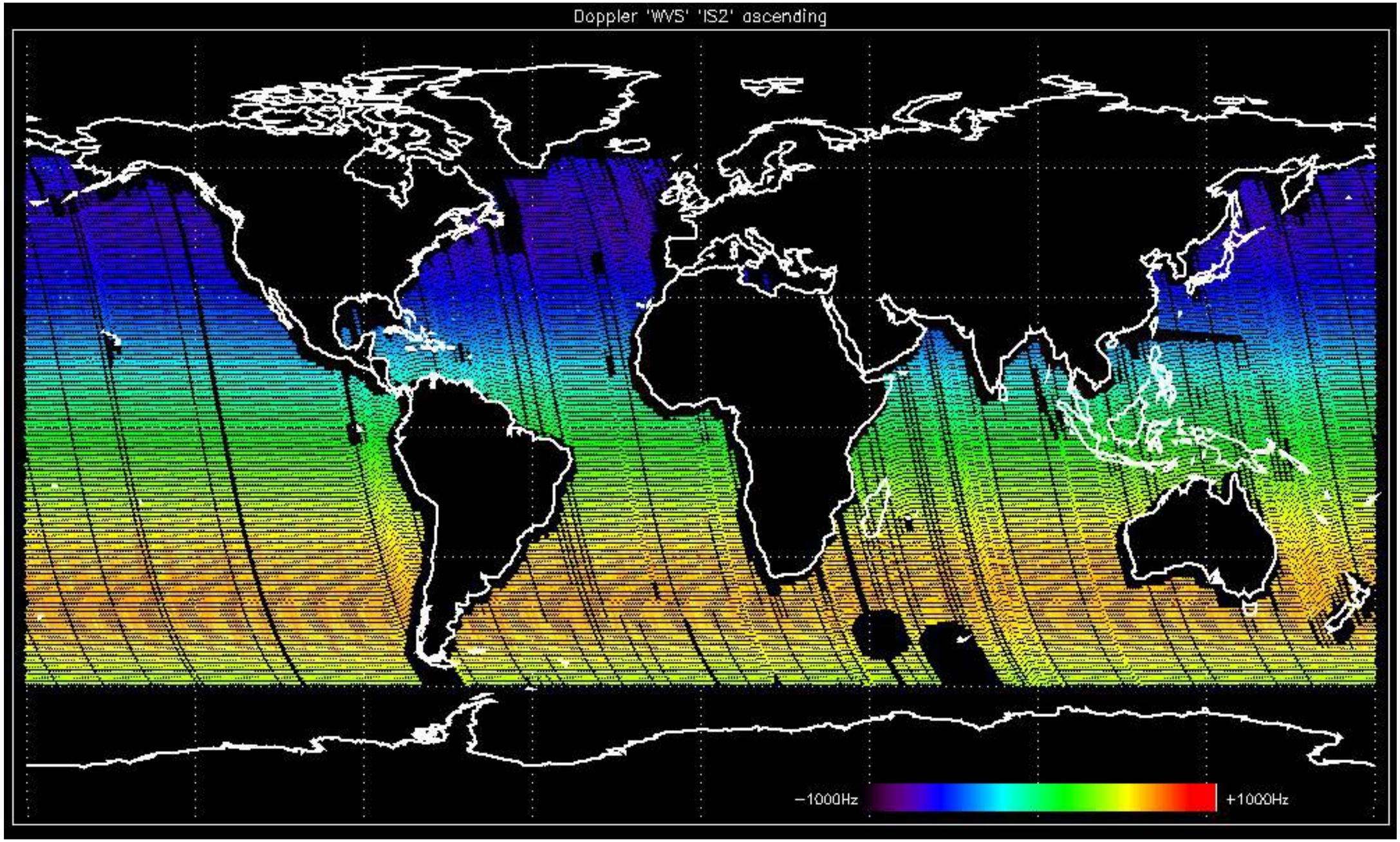

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

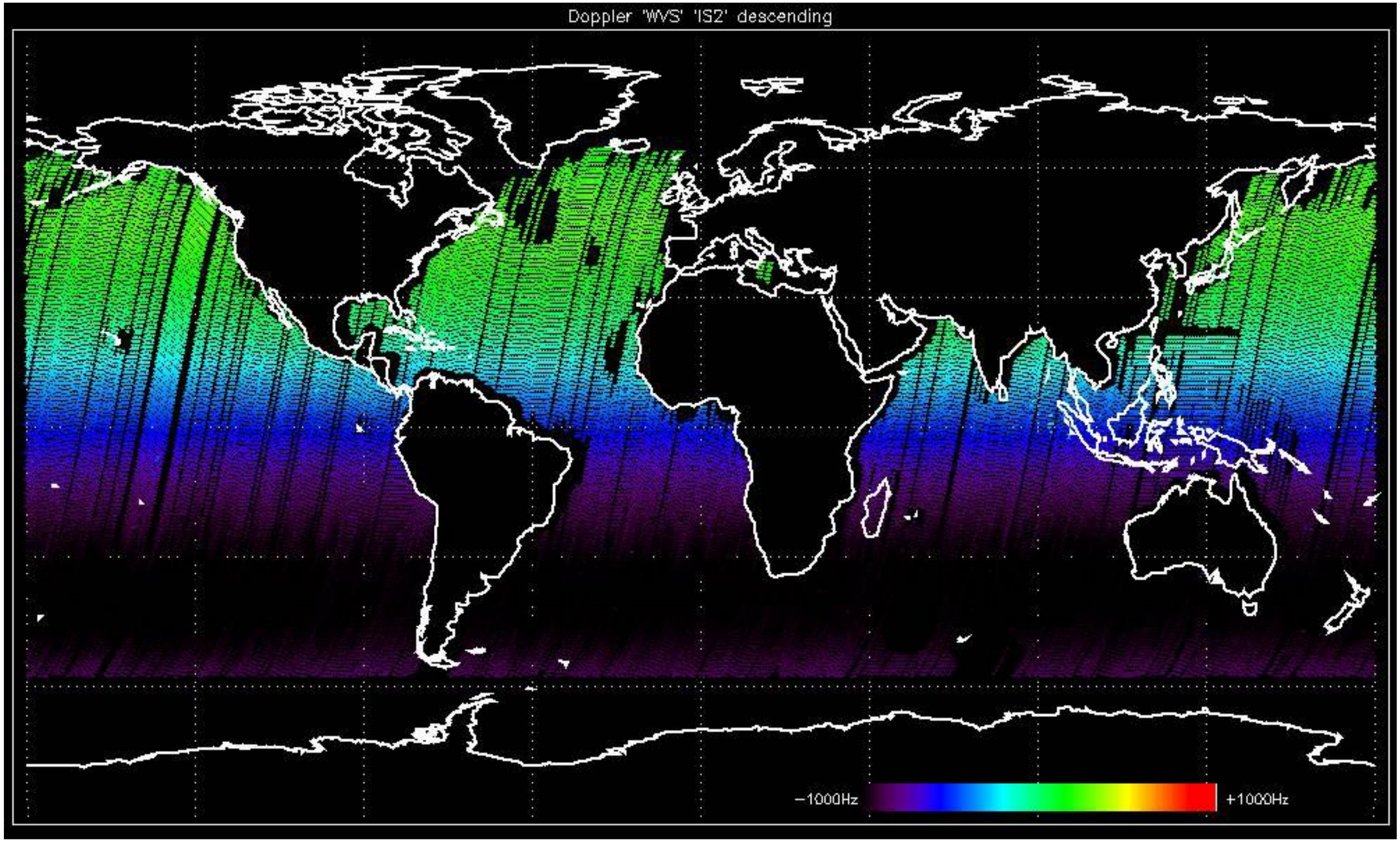
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

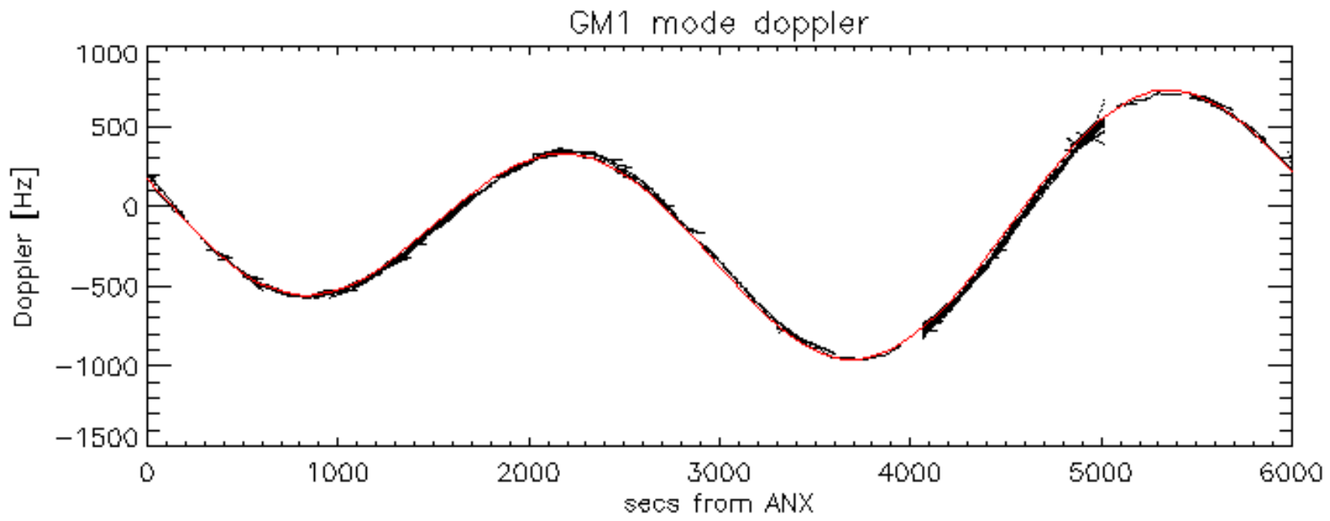
Preliminary report.The data is not yet controled

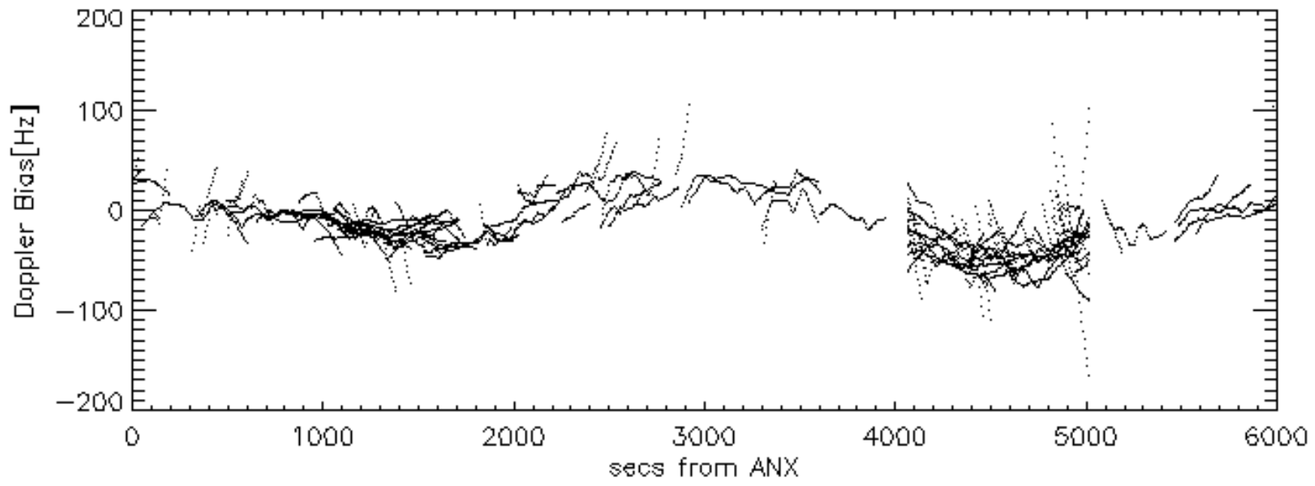

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

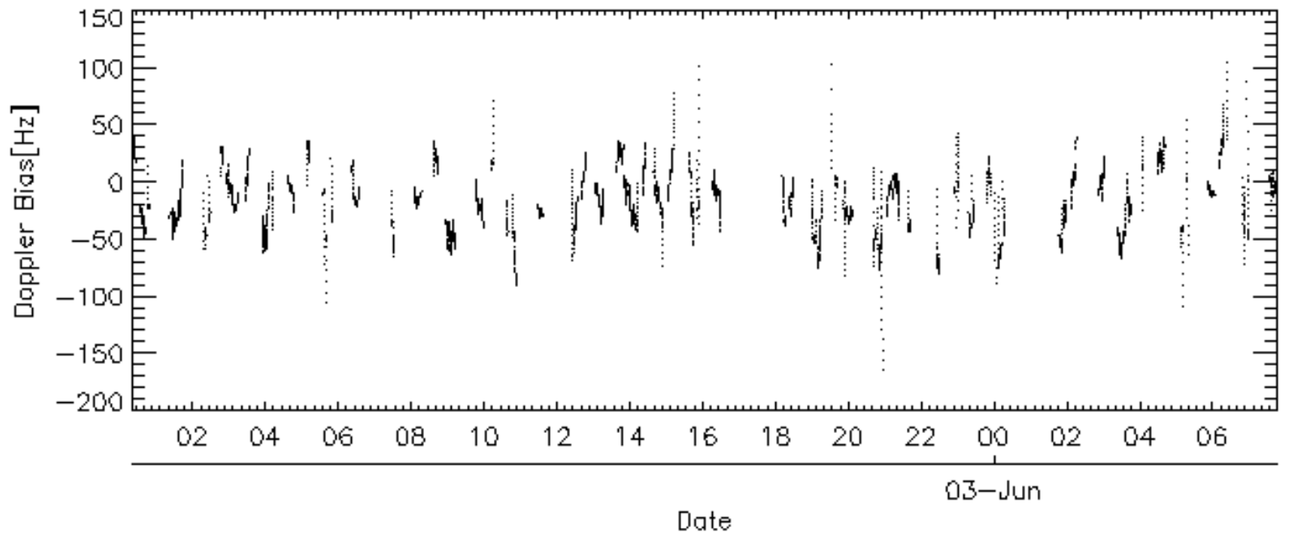

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

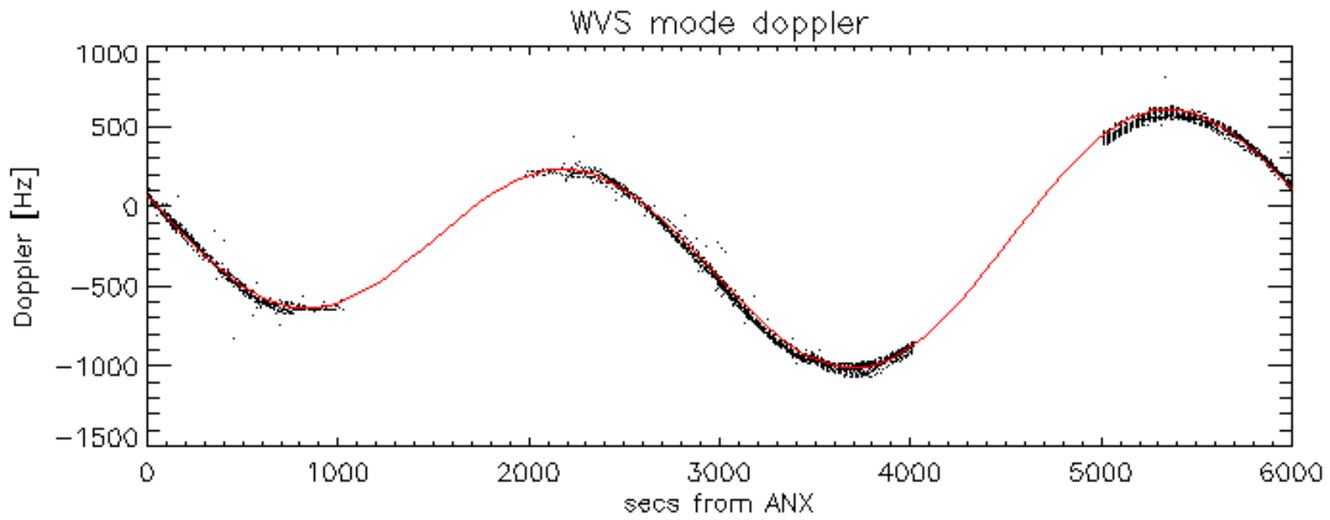

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

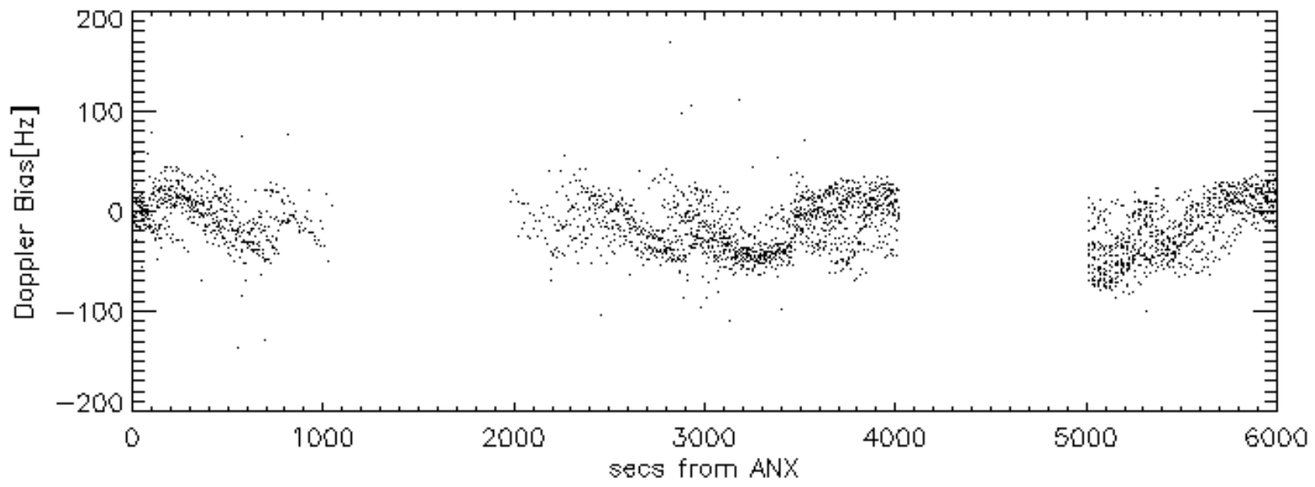

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

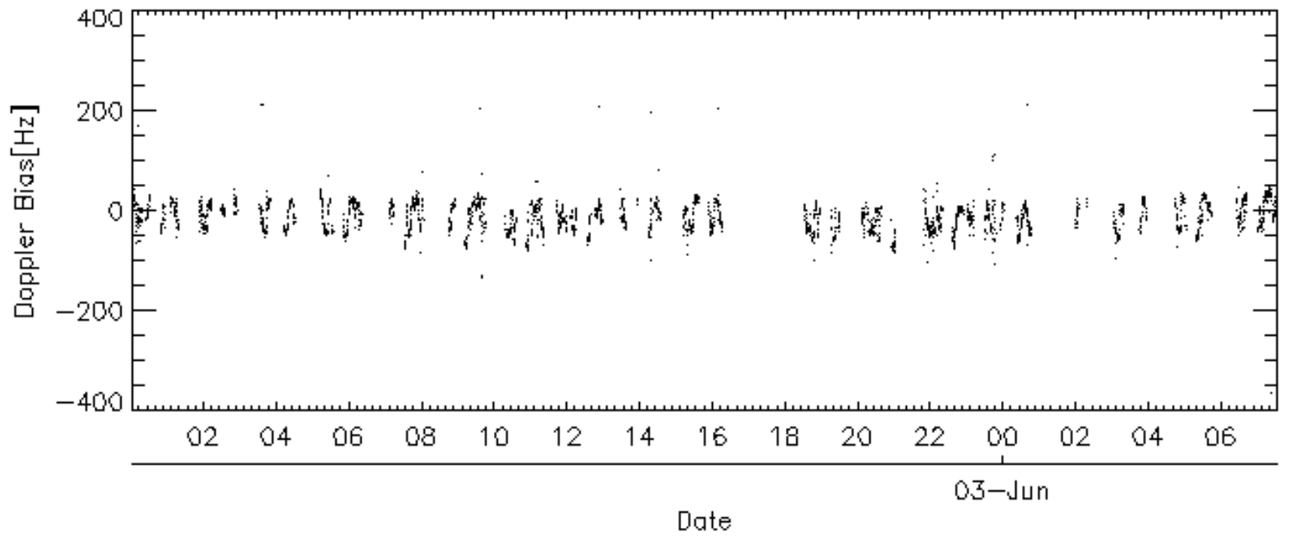

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

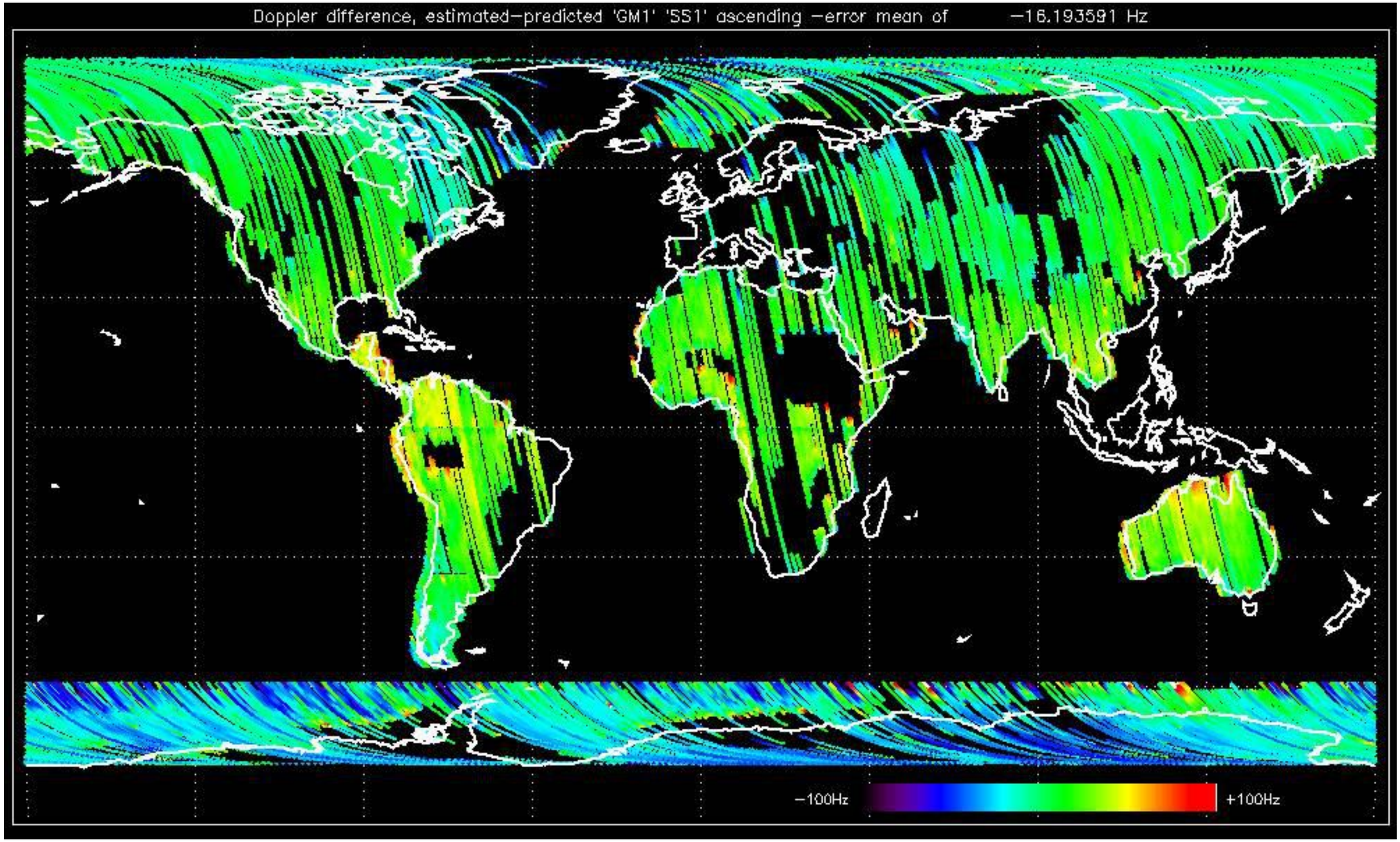

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

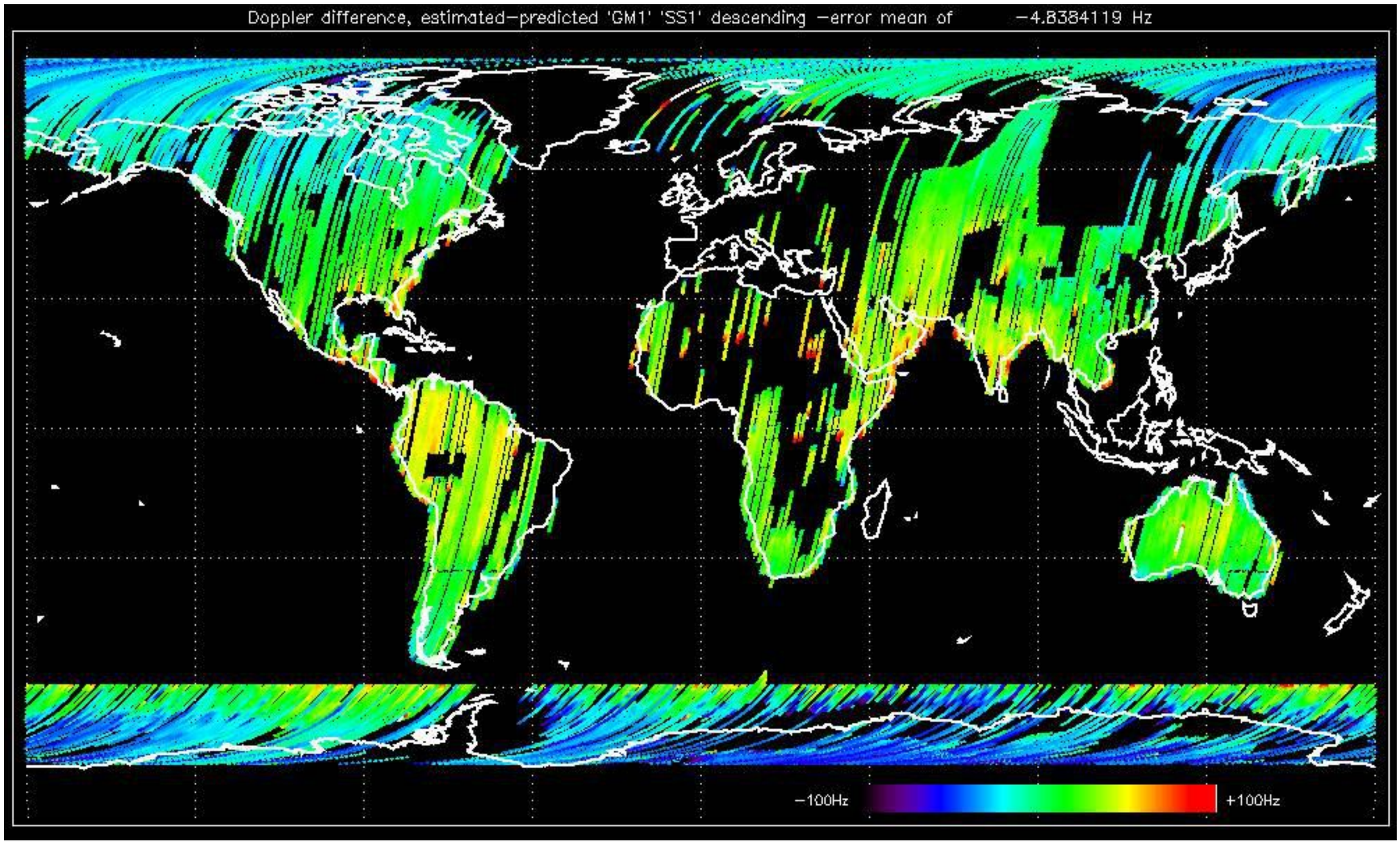

Doppler Bias[Hz]
150
100
50
0
−50
−100
−150
−200
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
03−Jun
Date

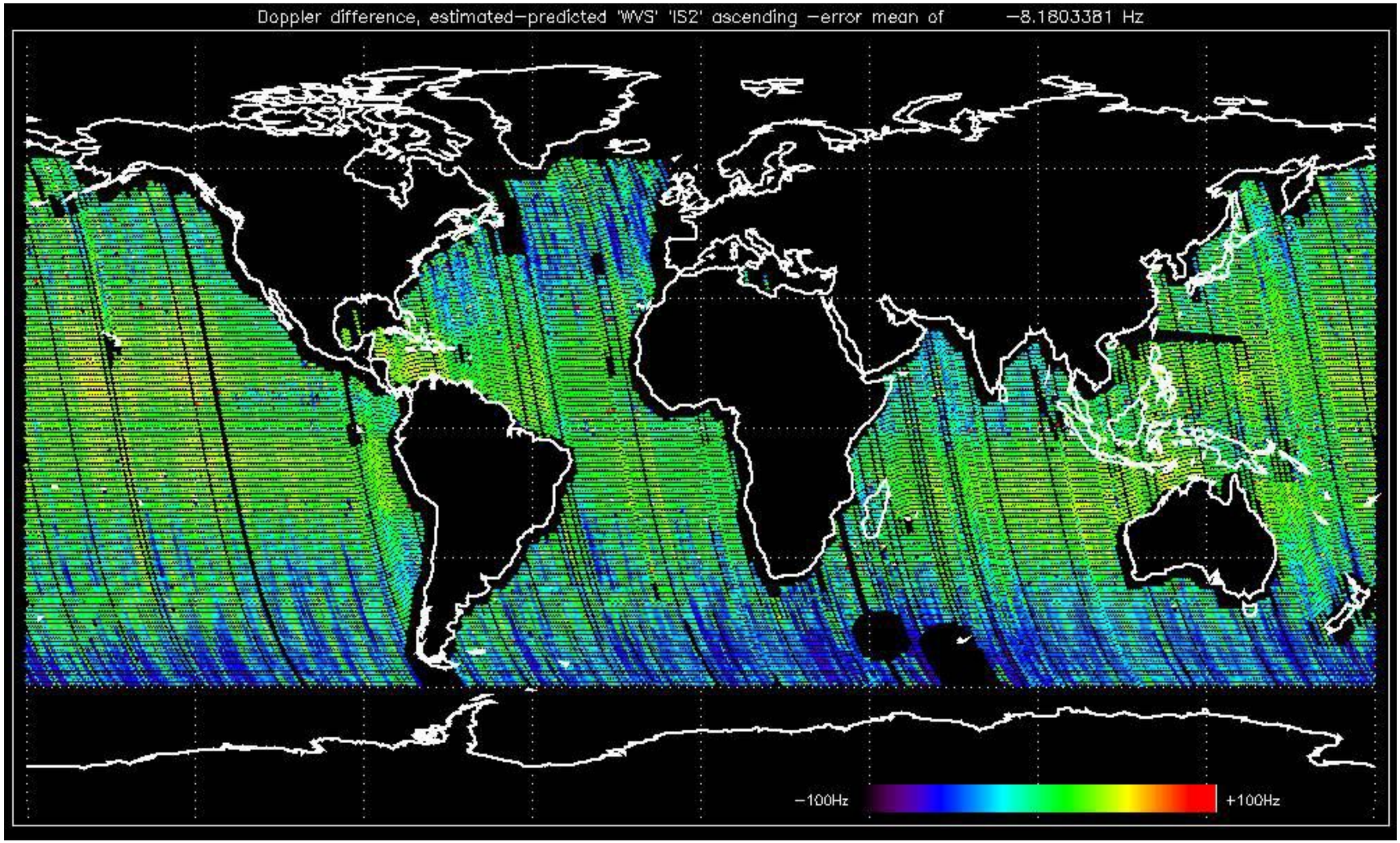

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

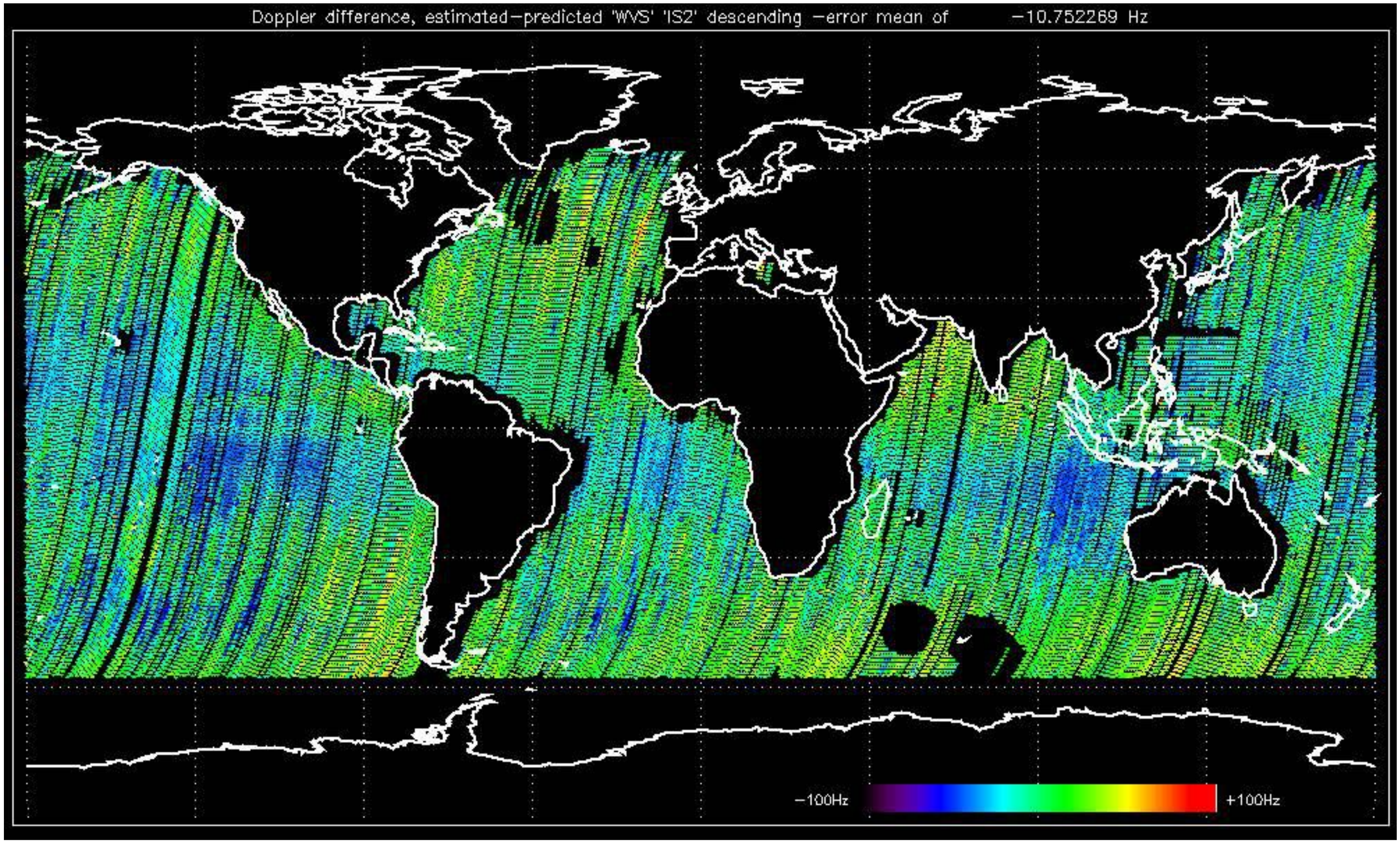

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


Doppler Bias[Hz]
400
200
0
−200
−400
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
03−Jun
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −16.193591 Hz
−100Hz
+100Hz

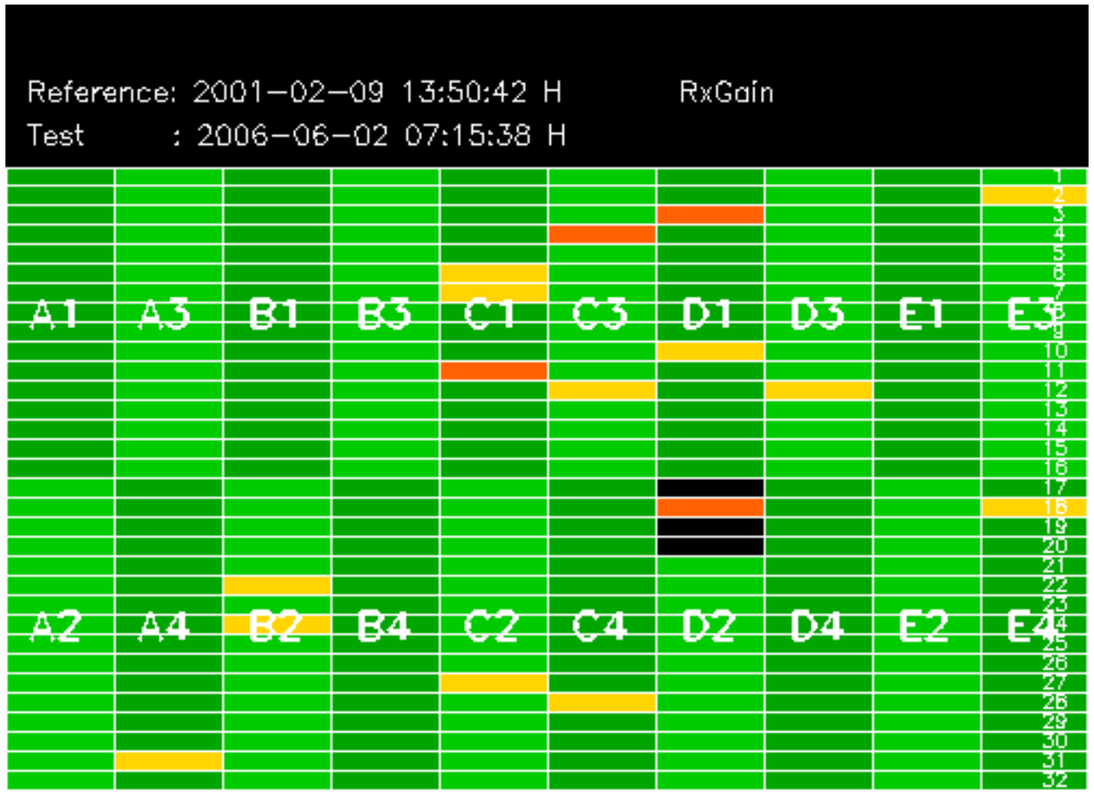

Doppler difference, estimated-predicted 'GM1' 'SS1' descending -error mean of -4.8384119 Hz
-100Hz
+100Hz

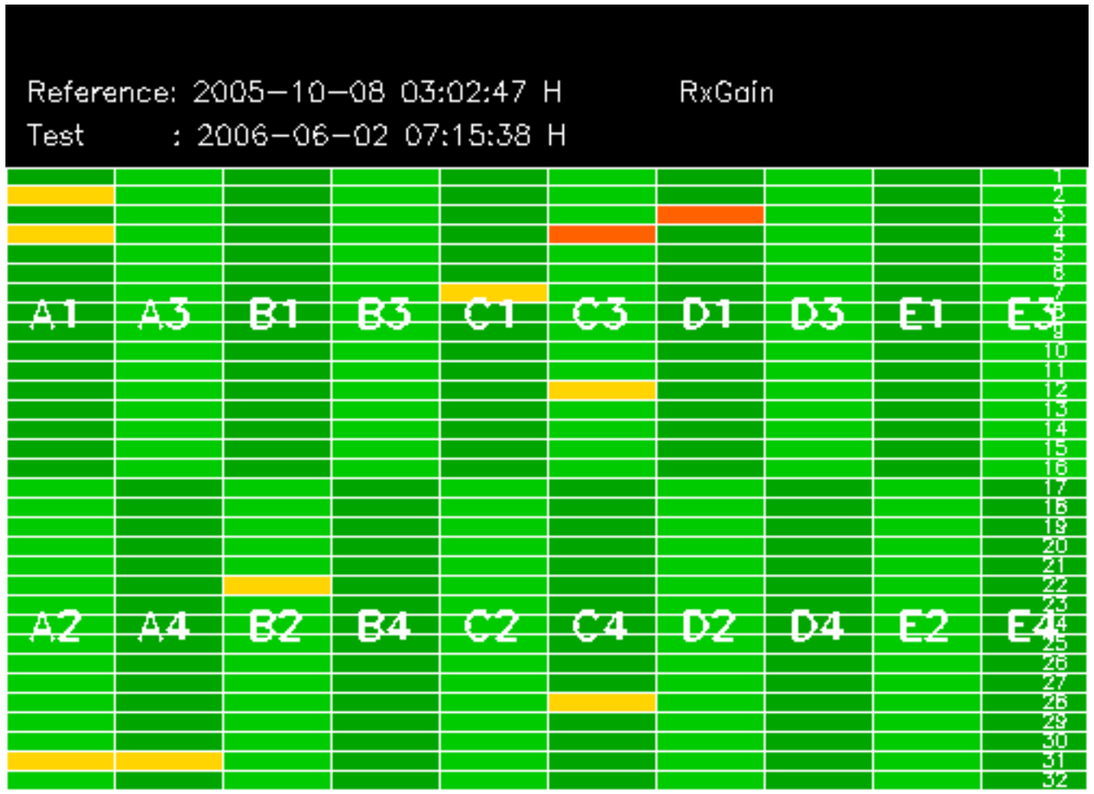

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −8.1803381 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −10.752269 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-06-02 07:15:38 H
RxGain
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 : 2006-06-02 07:15:38 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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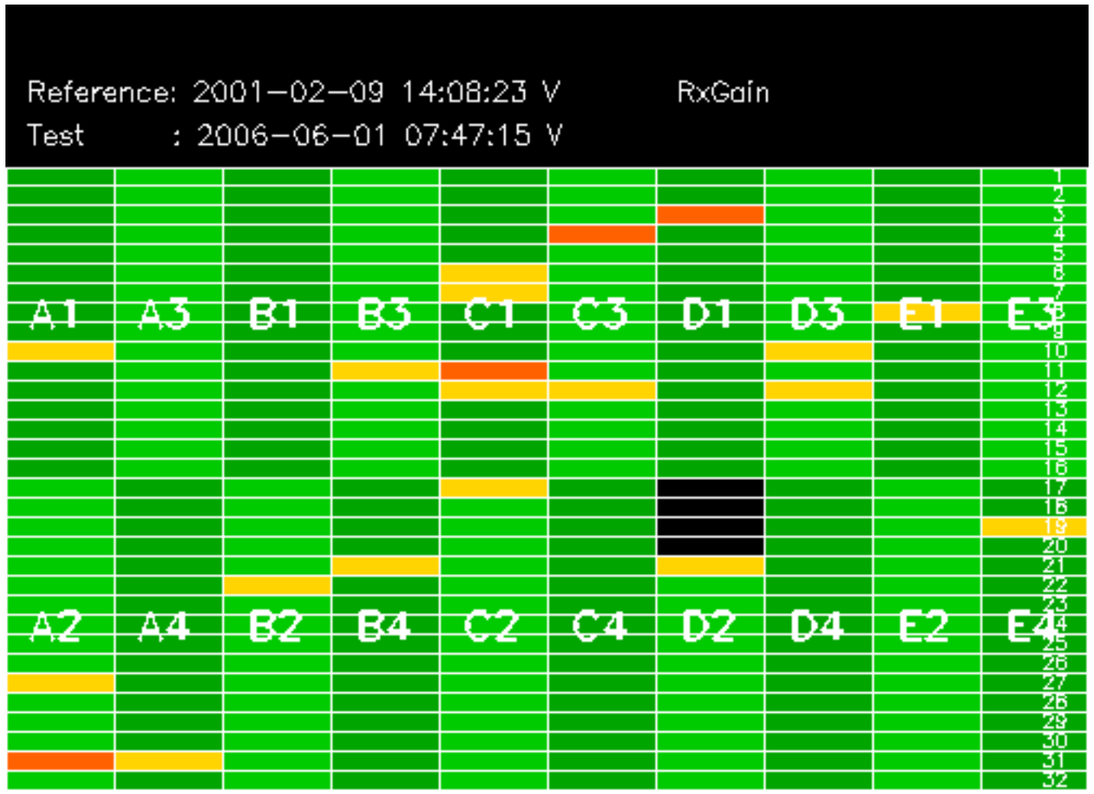
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-01 07:47:15 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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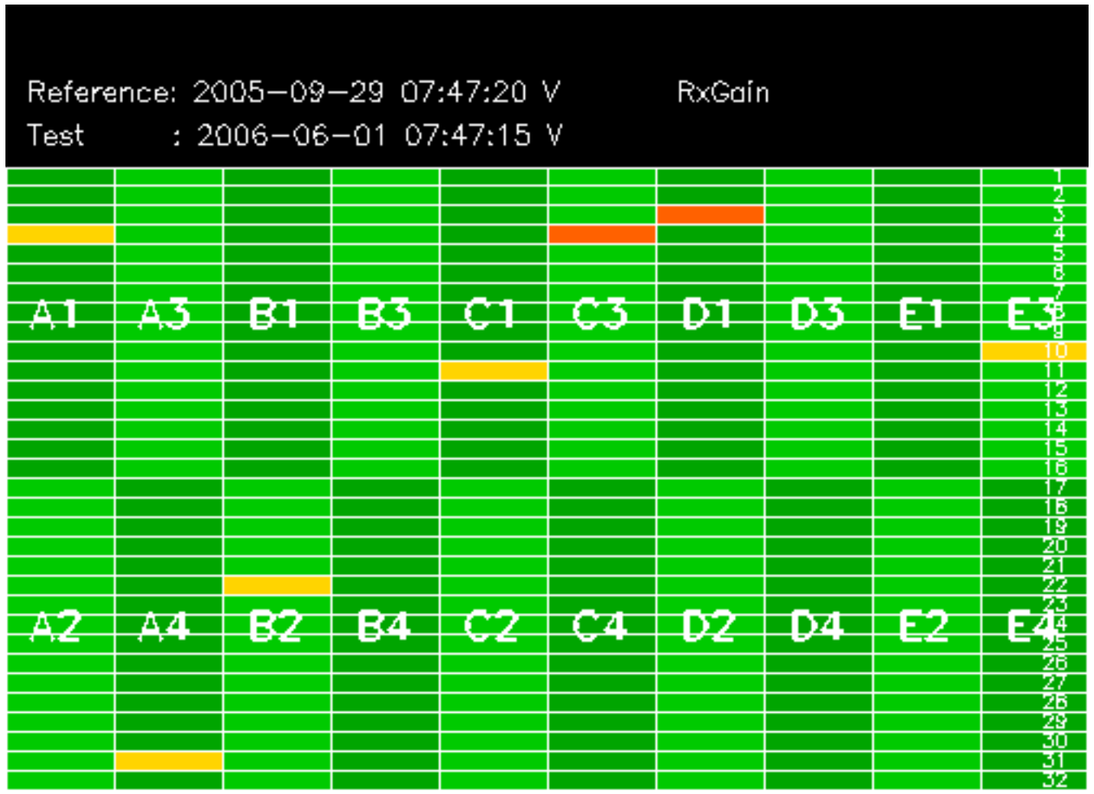
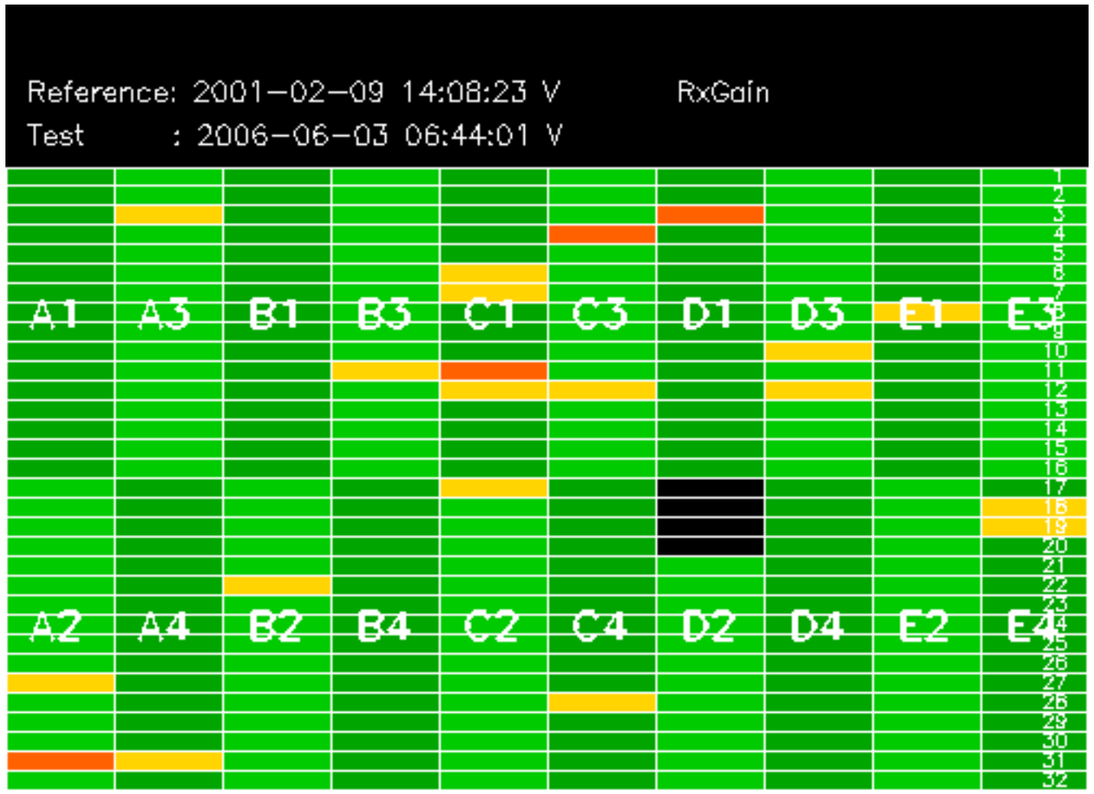

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-01 07:47:15 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
Test : 2006-06-03 06:44:01 V
RxGain
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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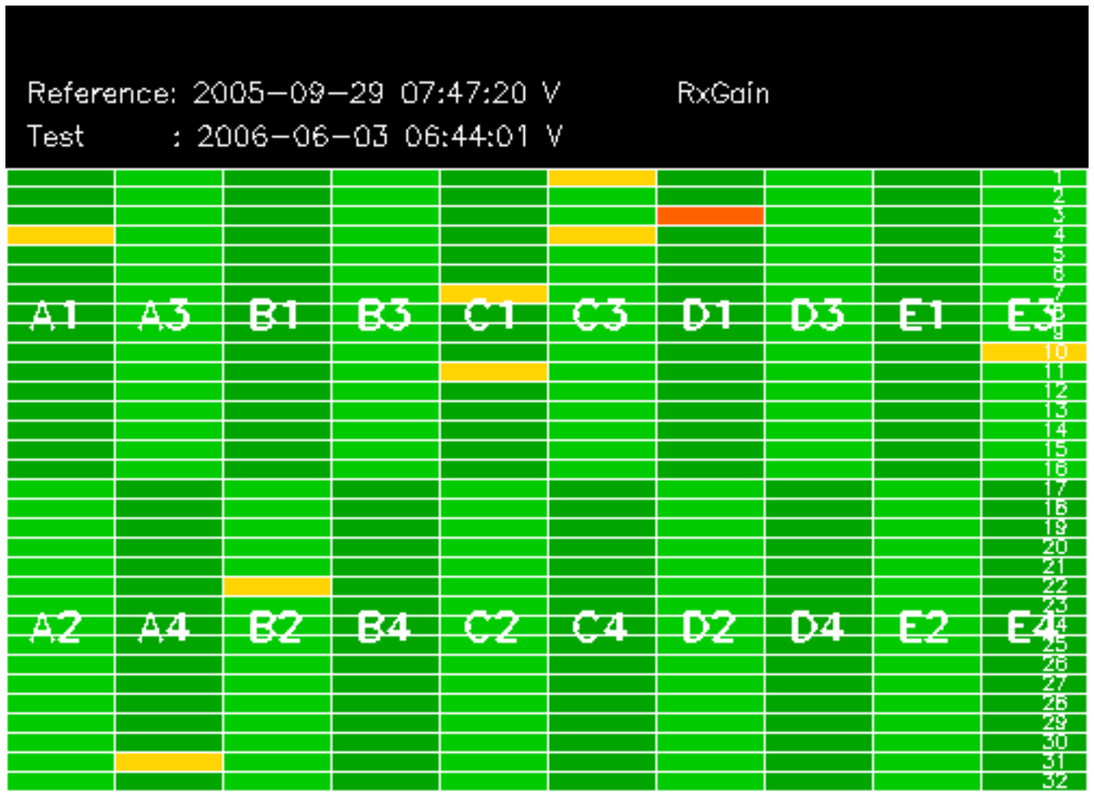
Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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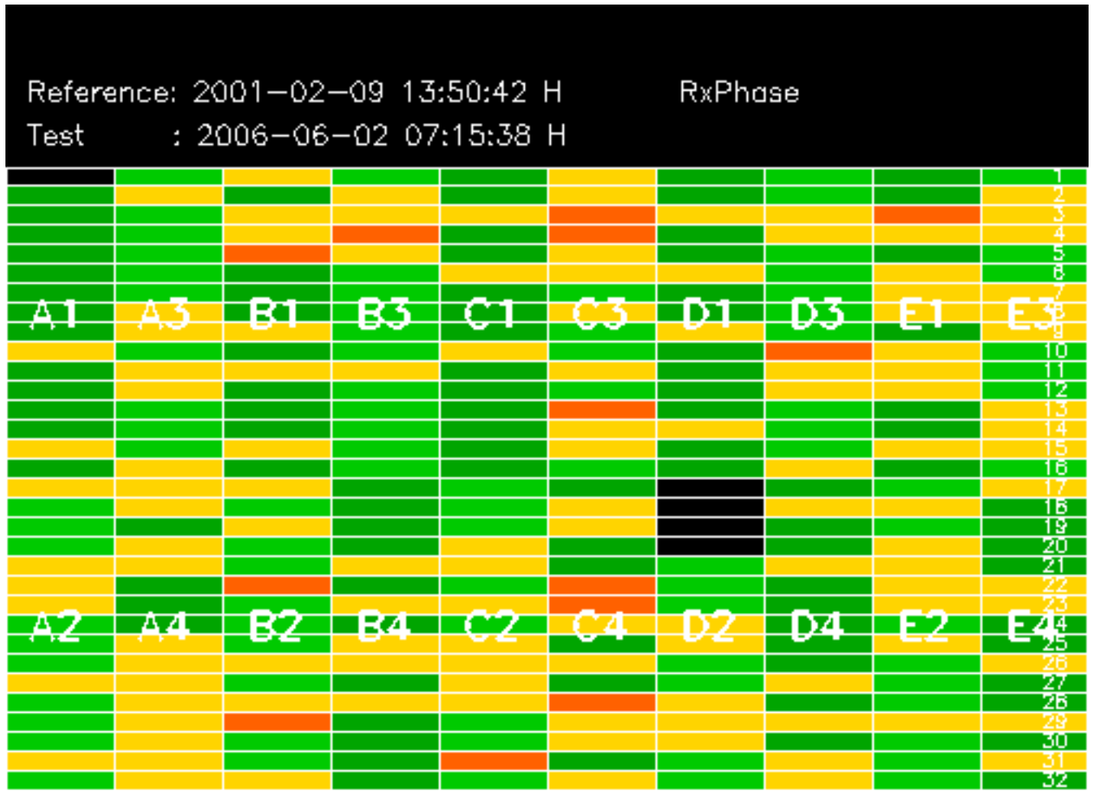
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-06-02 07:15:38 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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E4
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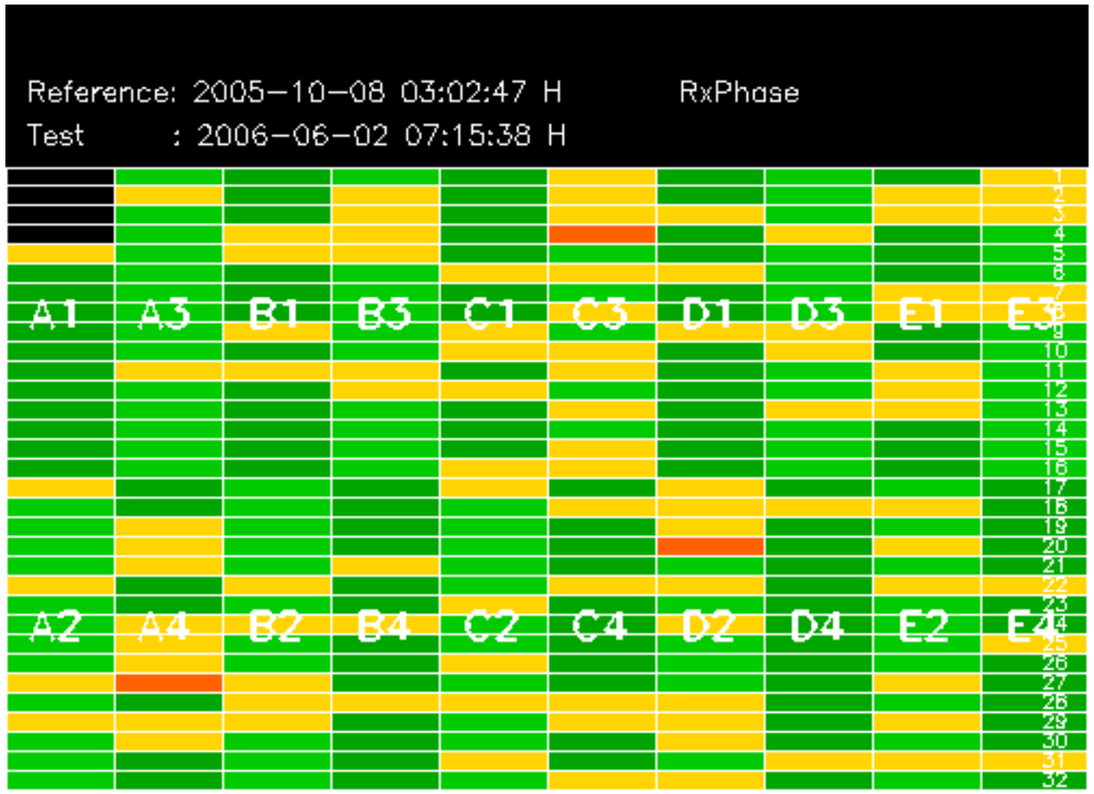
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-06-02 07:15:38 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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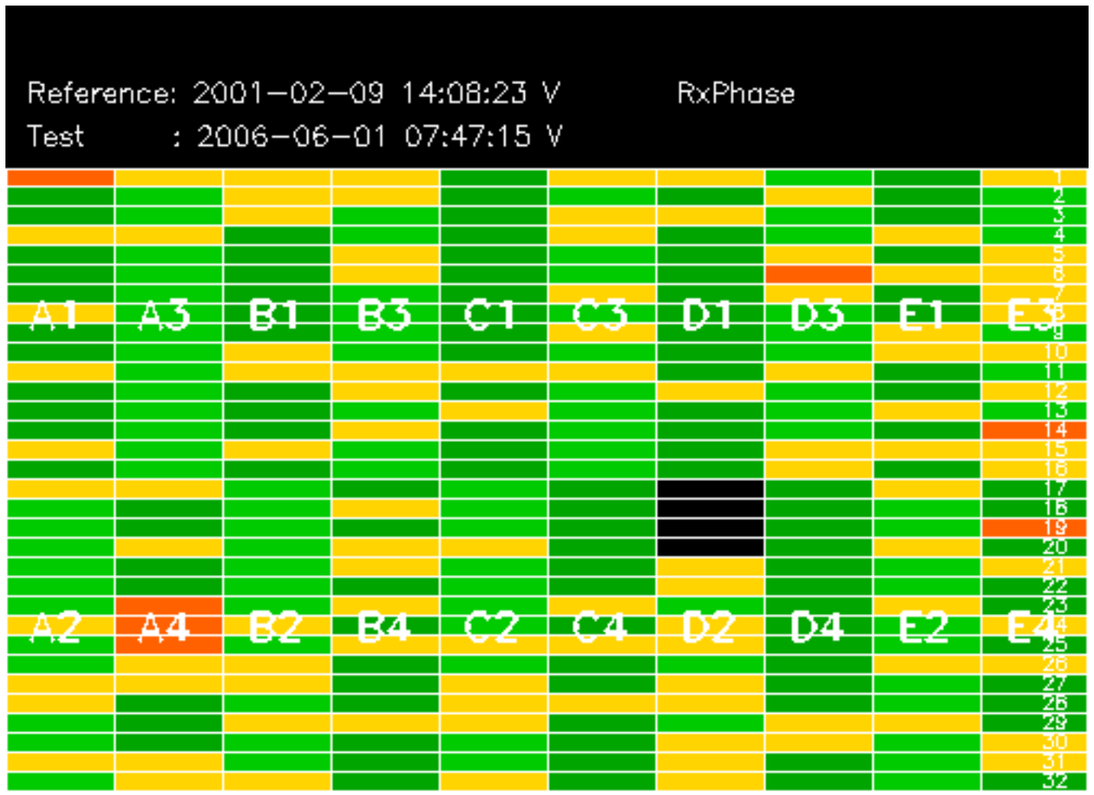
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-01 07:47:15 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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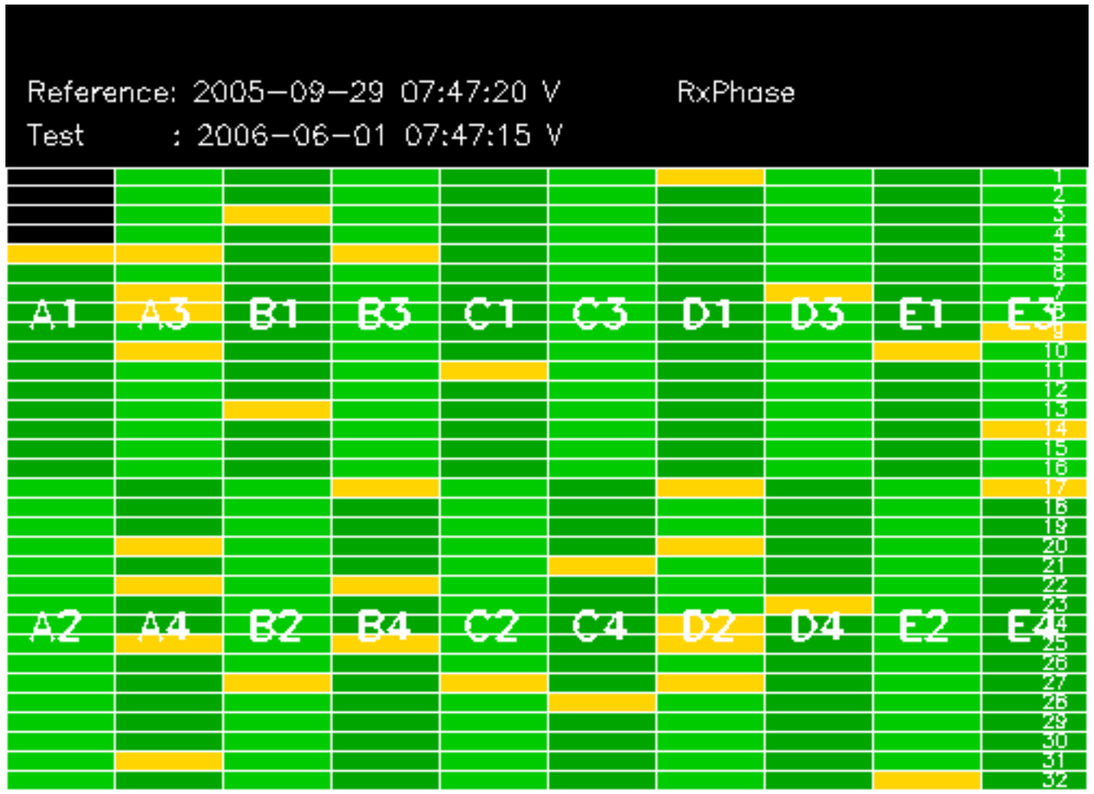
Reference: 2005-09-29 07:47:20 V
Test : 2006-06-01 07:47:15 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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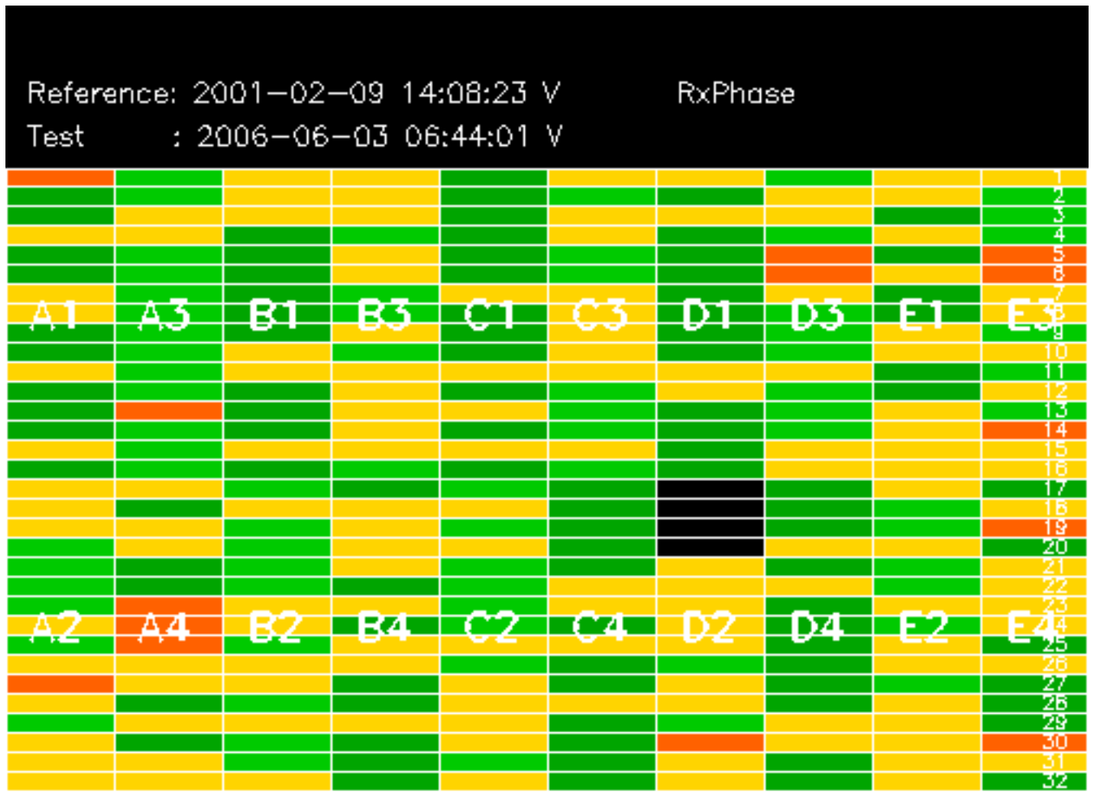
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-03 06:44:01 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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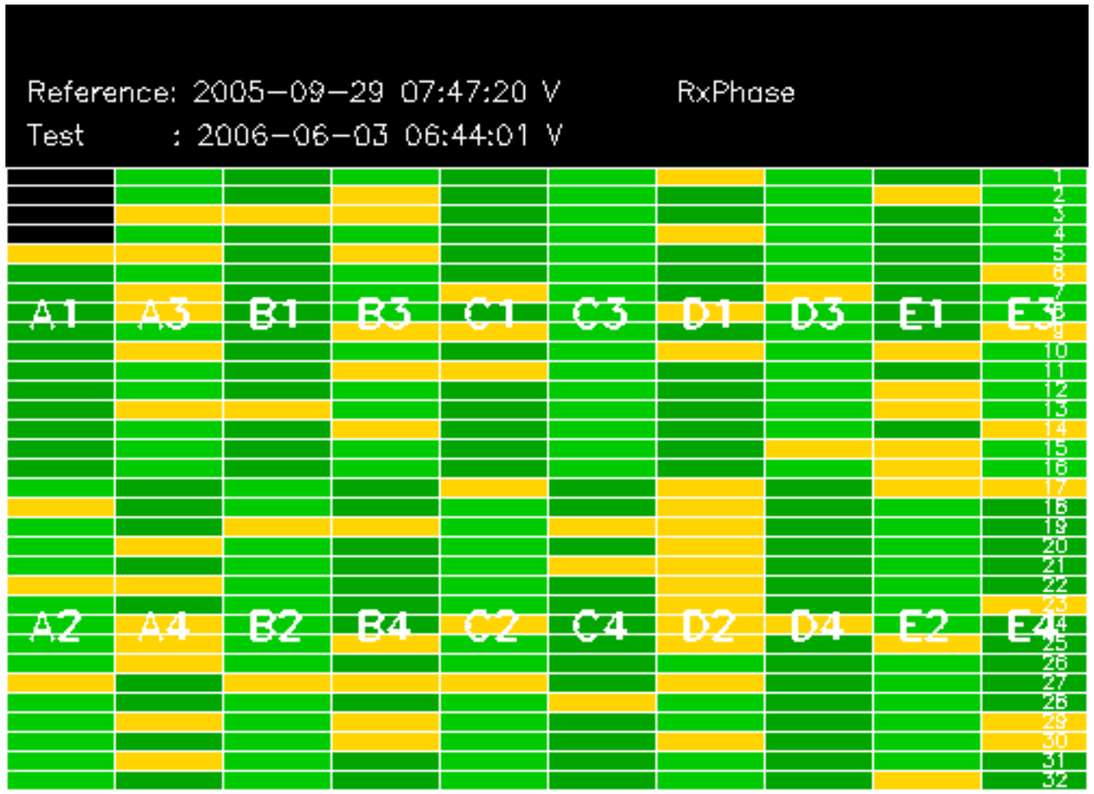
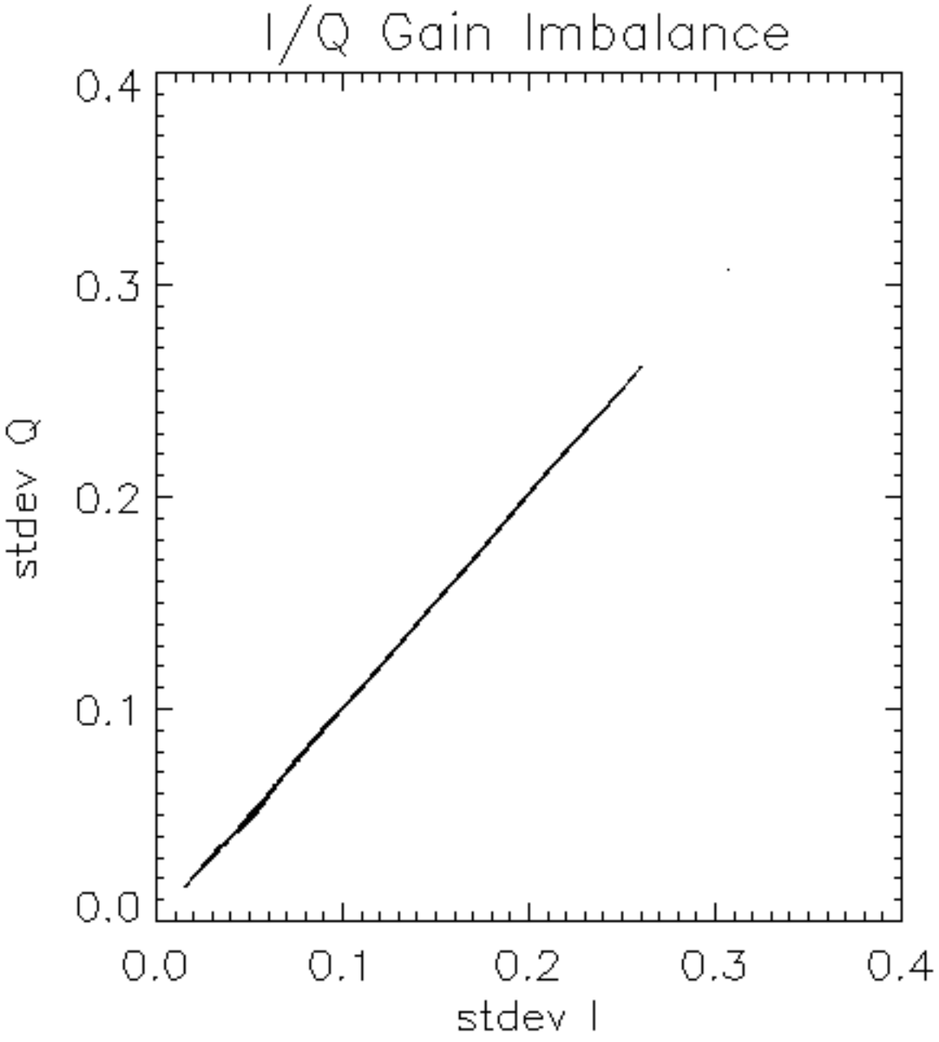
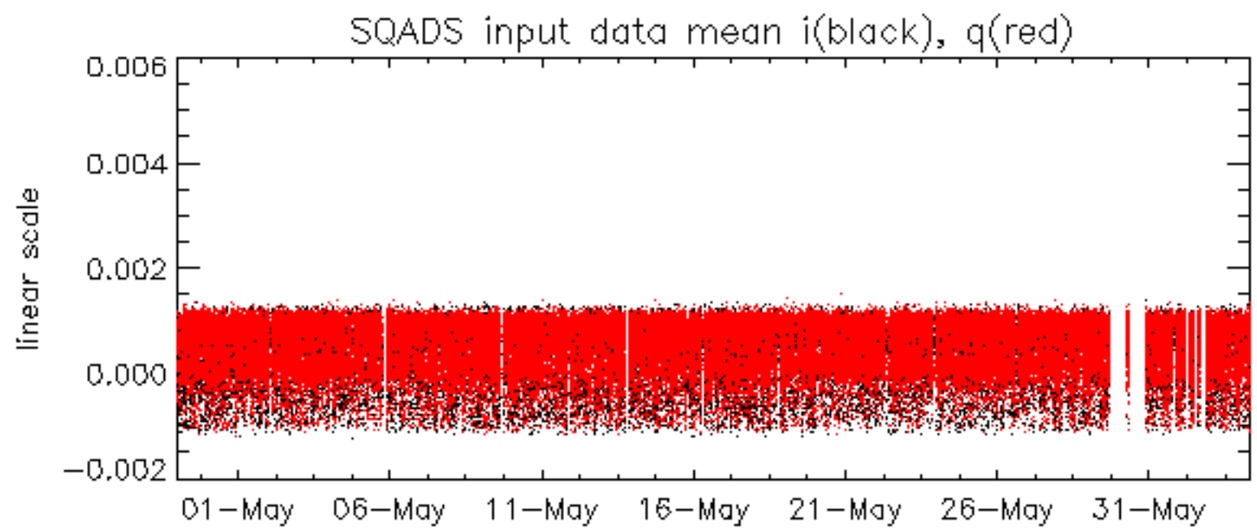
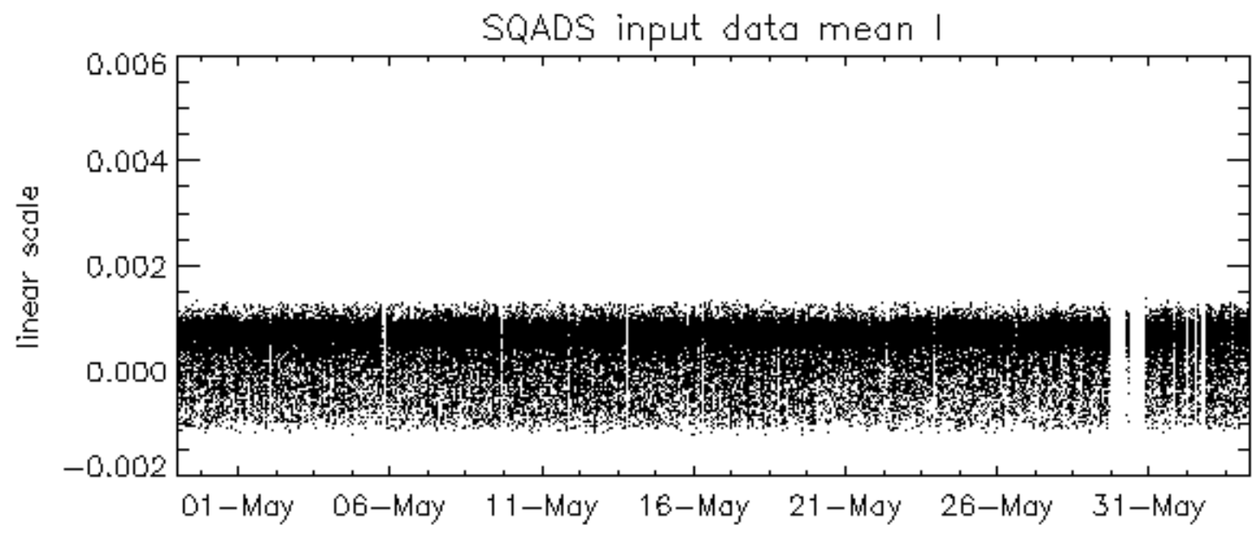
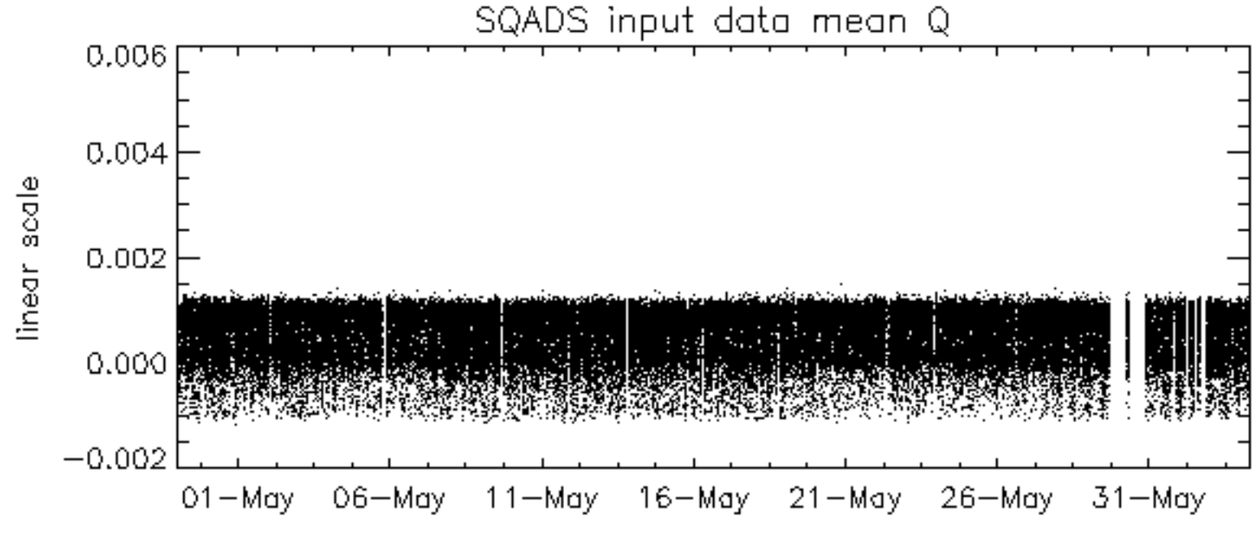
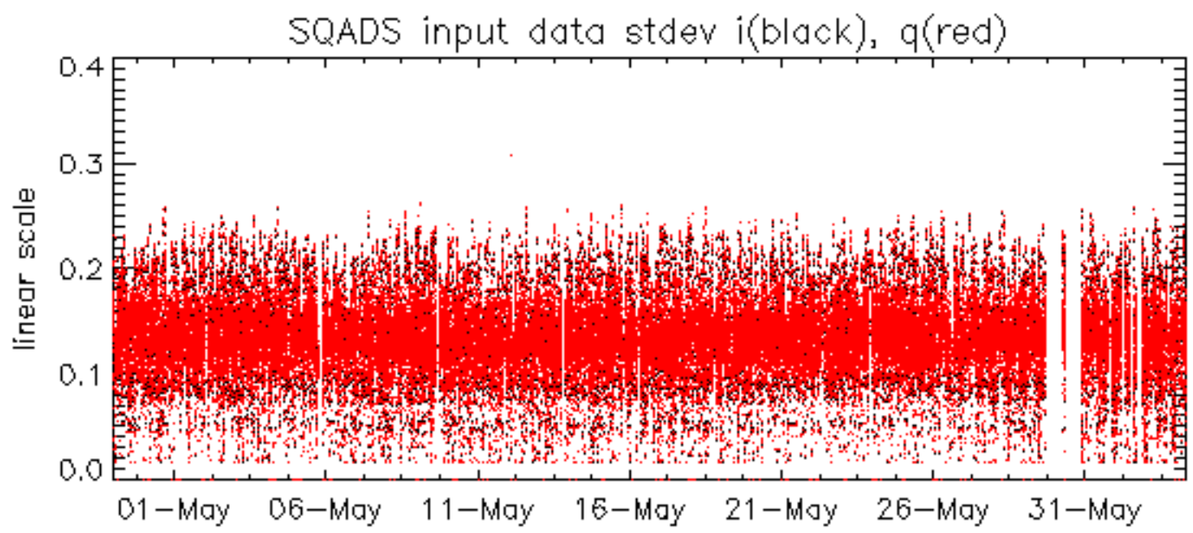

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

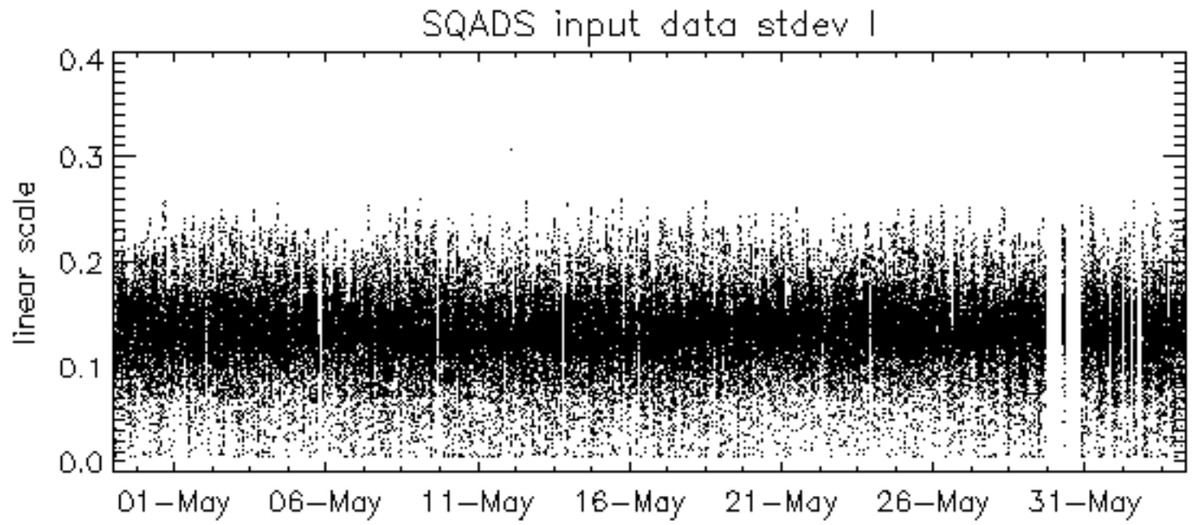

I/Q Gain Imbalance
stdev Q
stdev I
0.0
0.1
0.2
0.3
0.4

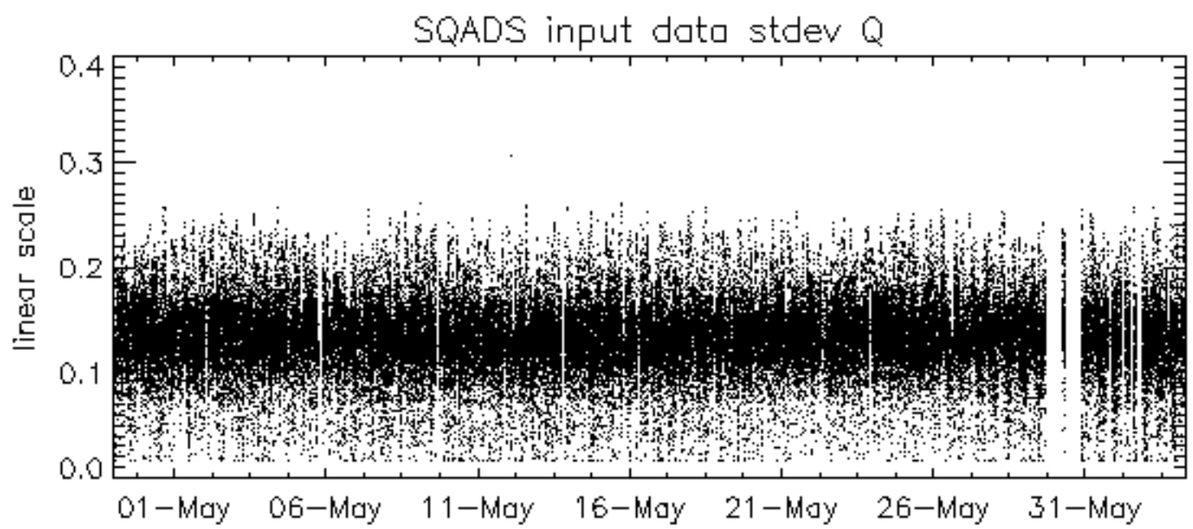

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
01−May
06−May
11−May
16−May
21−May
26−May
31−May

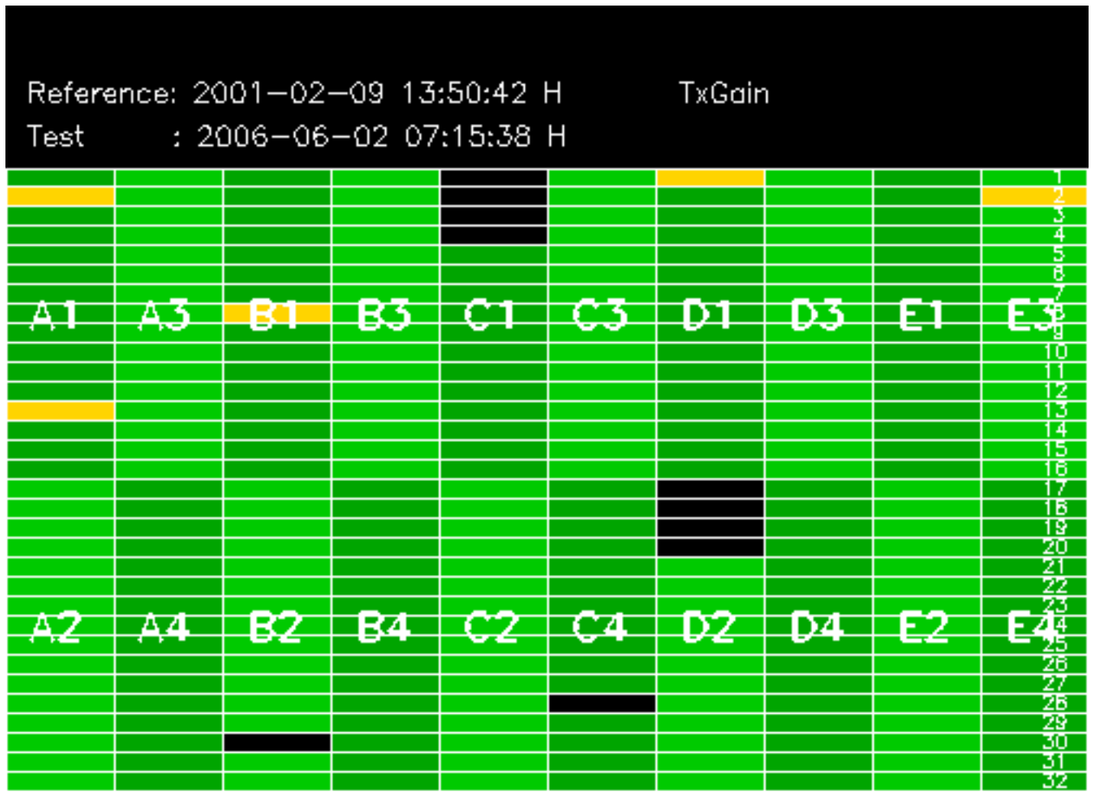

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
01−May
06−May
11−May
16−May
21−May
26−May
31−May


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


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


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
01−May
06−May
11−May
16−May
21−May
26−May
31−May


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
01−May
06−May
11−May
16−May
21−May
26−May
31−May


Reference: 2001-02-09 13:50:42 H
Test : 2006-06-02 07:15:38 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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B4
C2
C4
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D4
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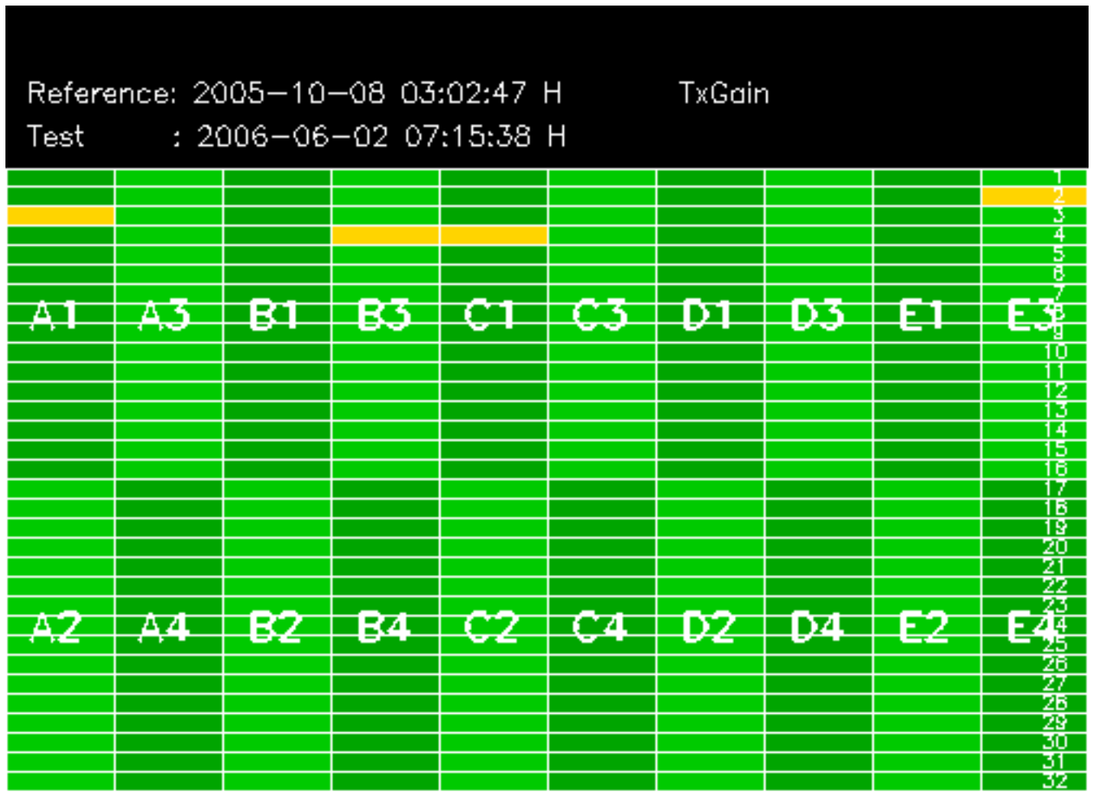
Reference: 2005-10-08 03:02:47 H
Test : 2006-06-02 07:15:38 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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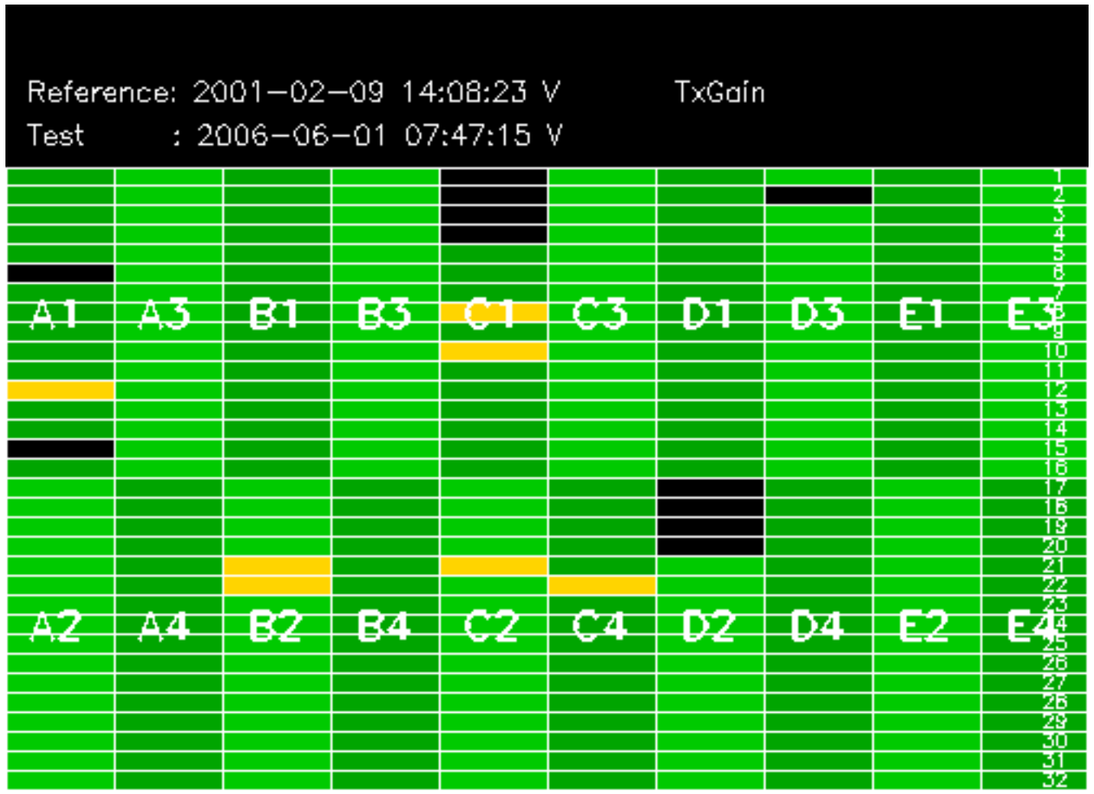
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-01 07:47:15 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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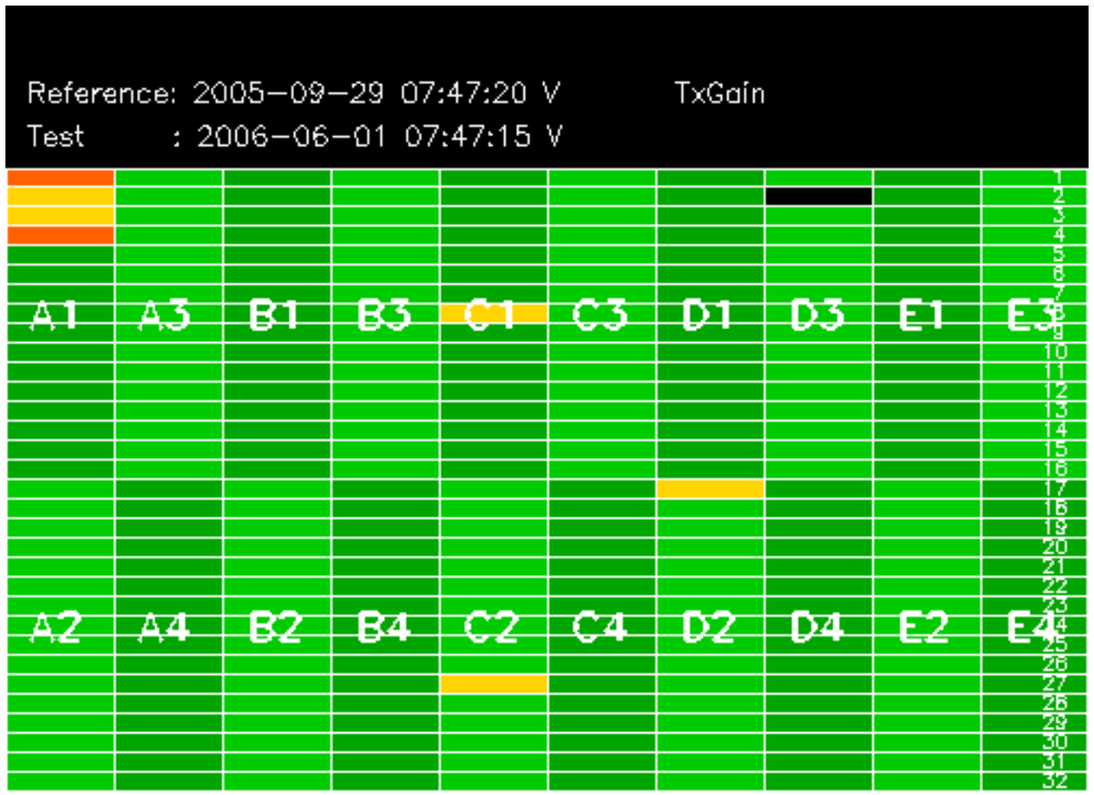
Reference: 2005-09-29 07:47:20 V
Test : 2006-06-01 07:47:15 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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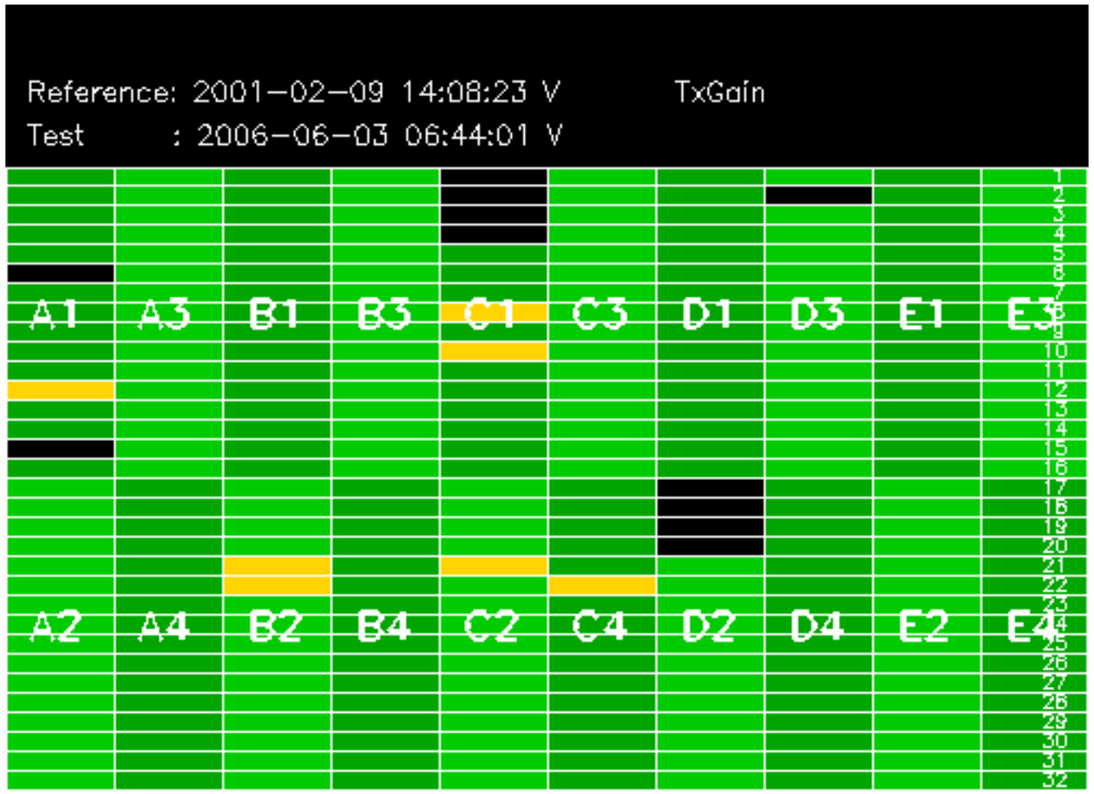
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-03 06:44:01 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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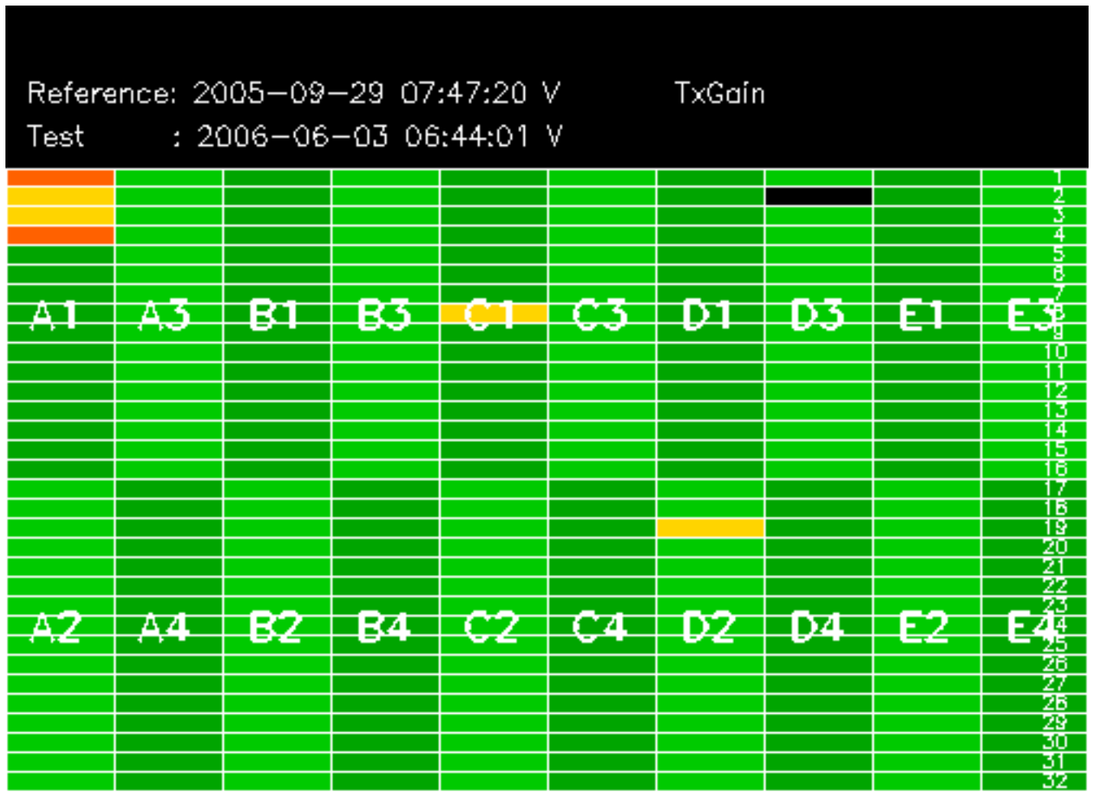
Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
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B4
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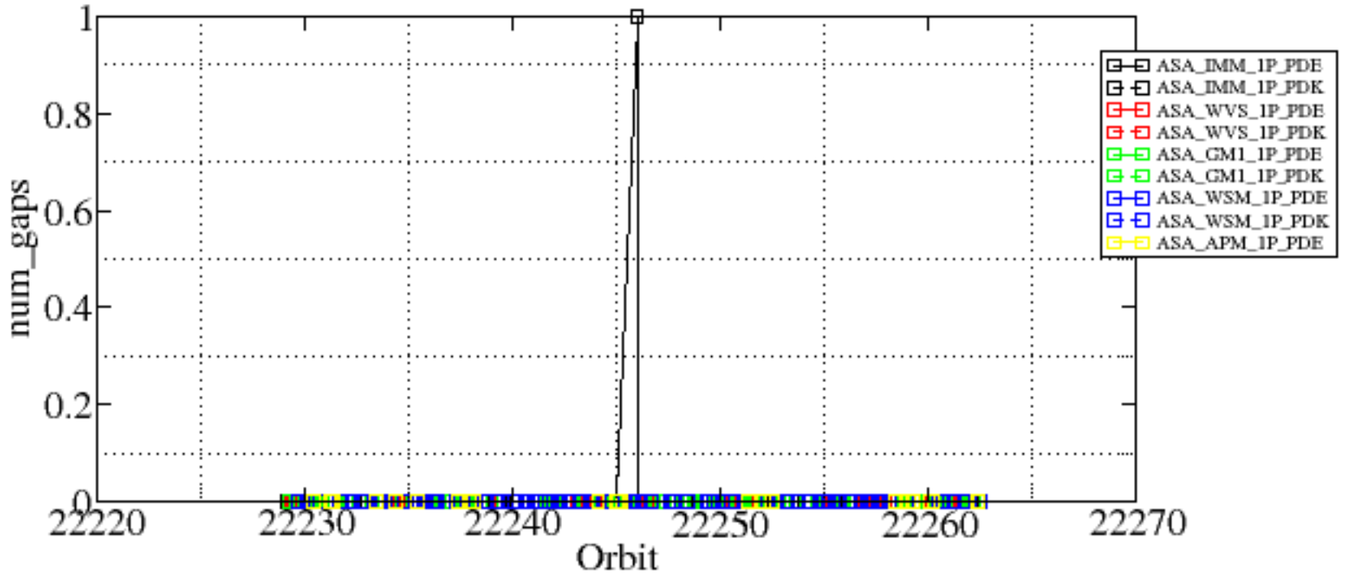
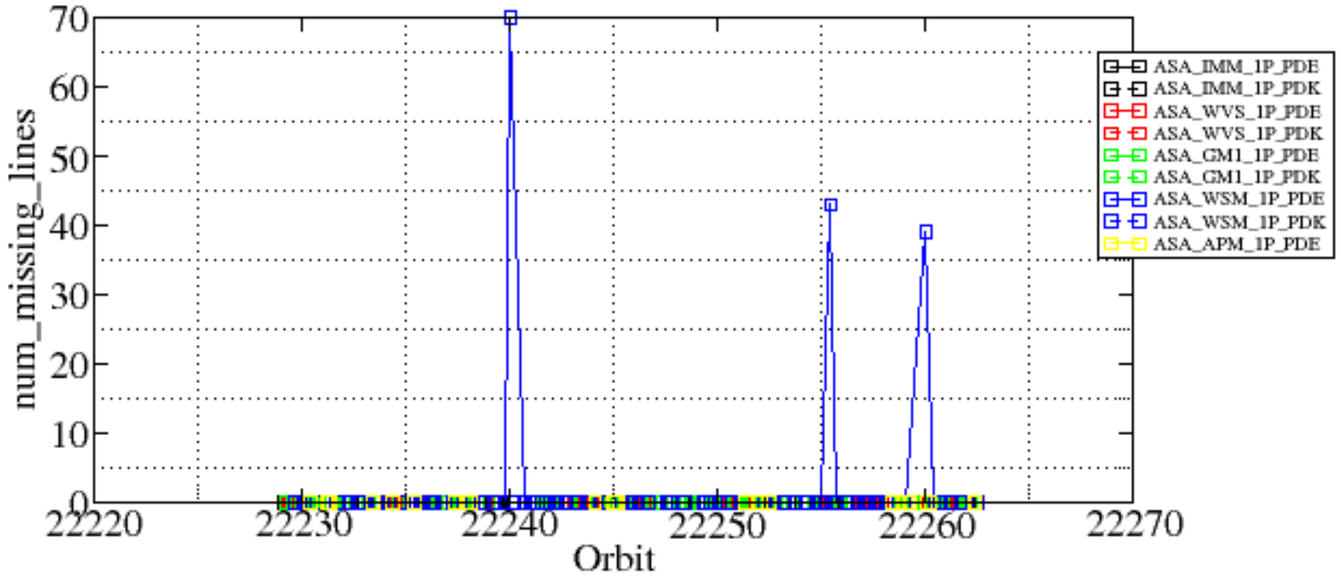
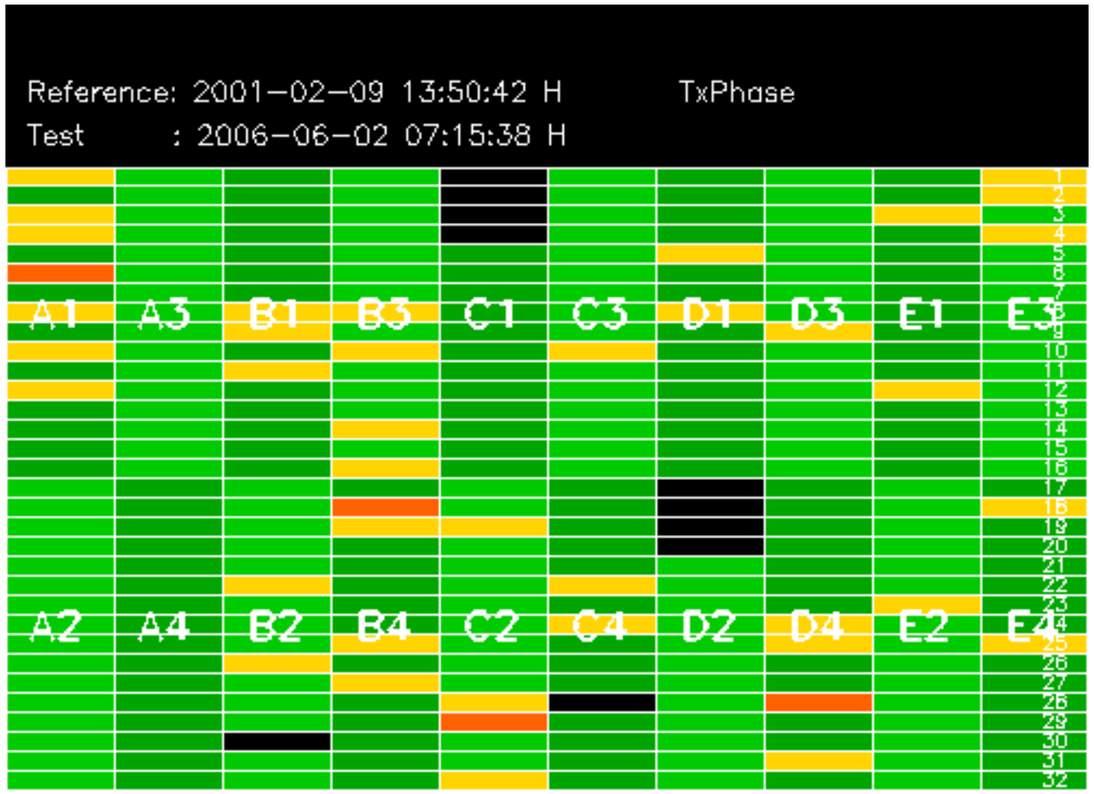
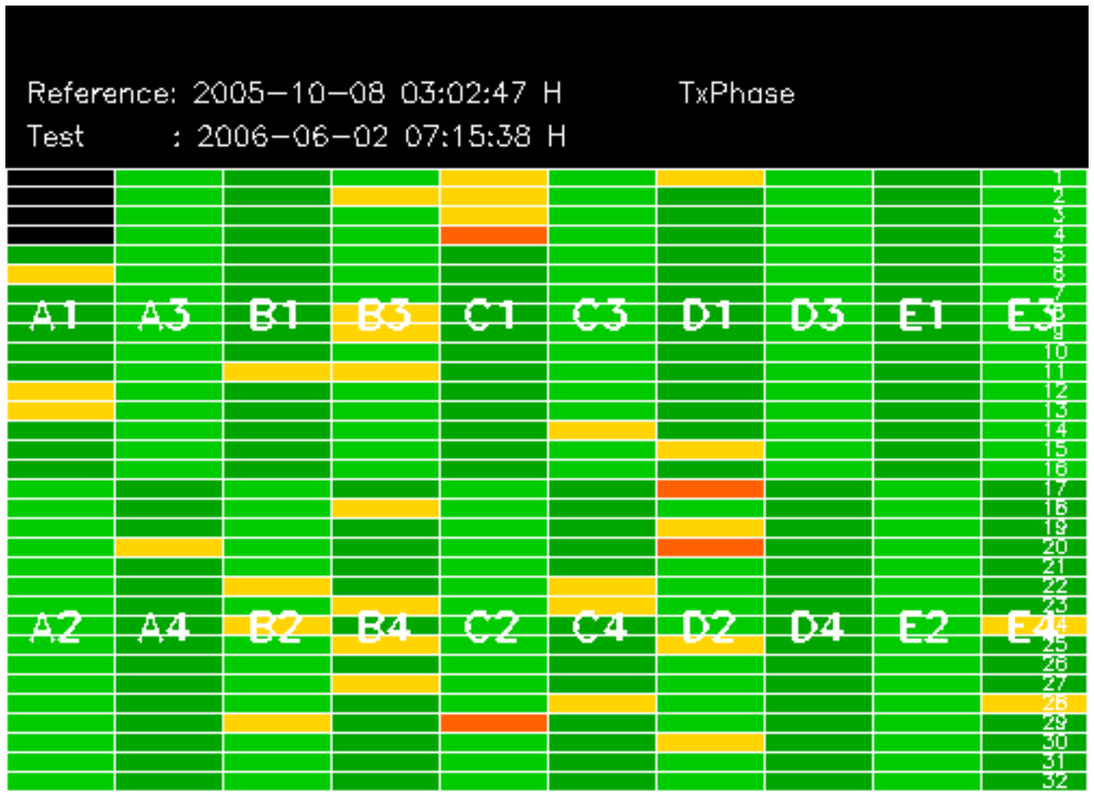
Summary of analysis for the last 3 days 2006060[123]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060602_042646_000000522048_00147_22245_6548.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060601_182816_000002692048_00142_22240_2073.N1 </td> <td>0 </td> <td>70 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060602_201721_000000852048_00157_22255_2313.N1 </td> <td>0 </td> <td>43 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060603_035851_000000852048_00162_22260_2386.N1 </td> <td>0 </td> <td>39 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
22220
22230
22240
22250
22260
22270
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


num_missing_lines
70
60
50
40
30
20
10
0
22220
22230
22240
22250
22260
22270
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


Reference: 2001-02-09 13:50:42 H
Test : 2006-06-02 07:15:38 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-06-02 07:15:38 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
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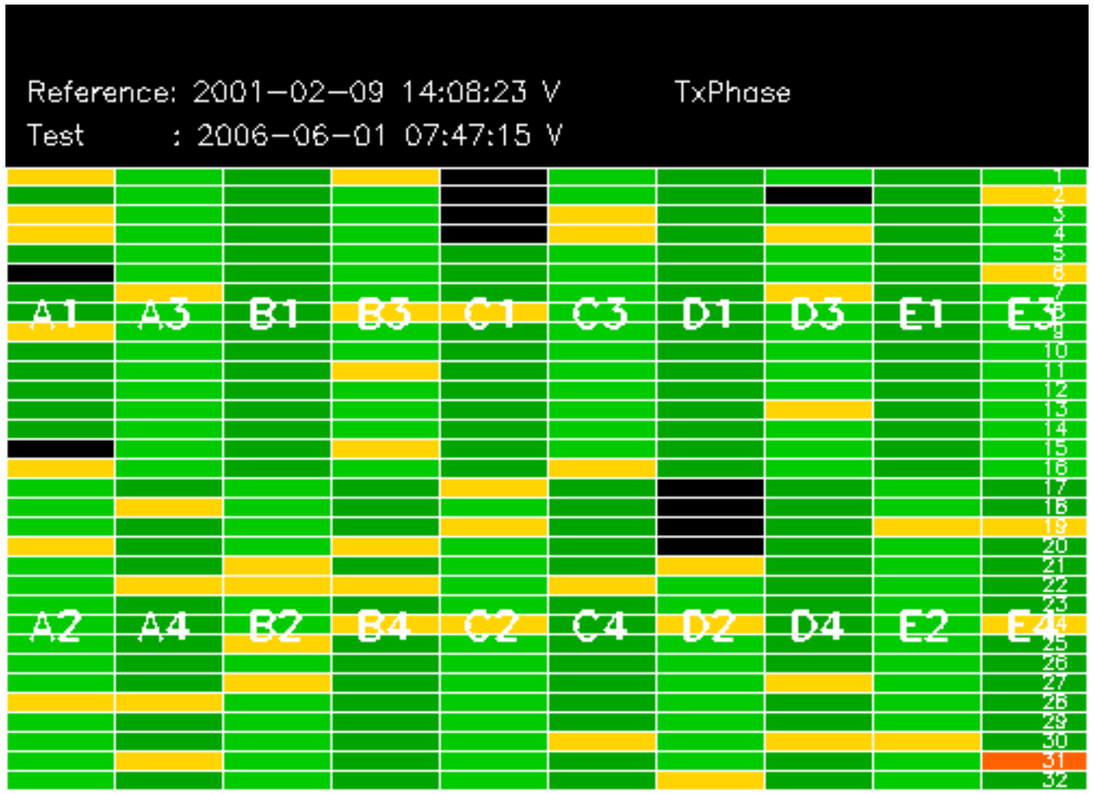
31
32


Reference: 2001-02-09 14:08:23 V
Test : 2006-06-01 07:47:15 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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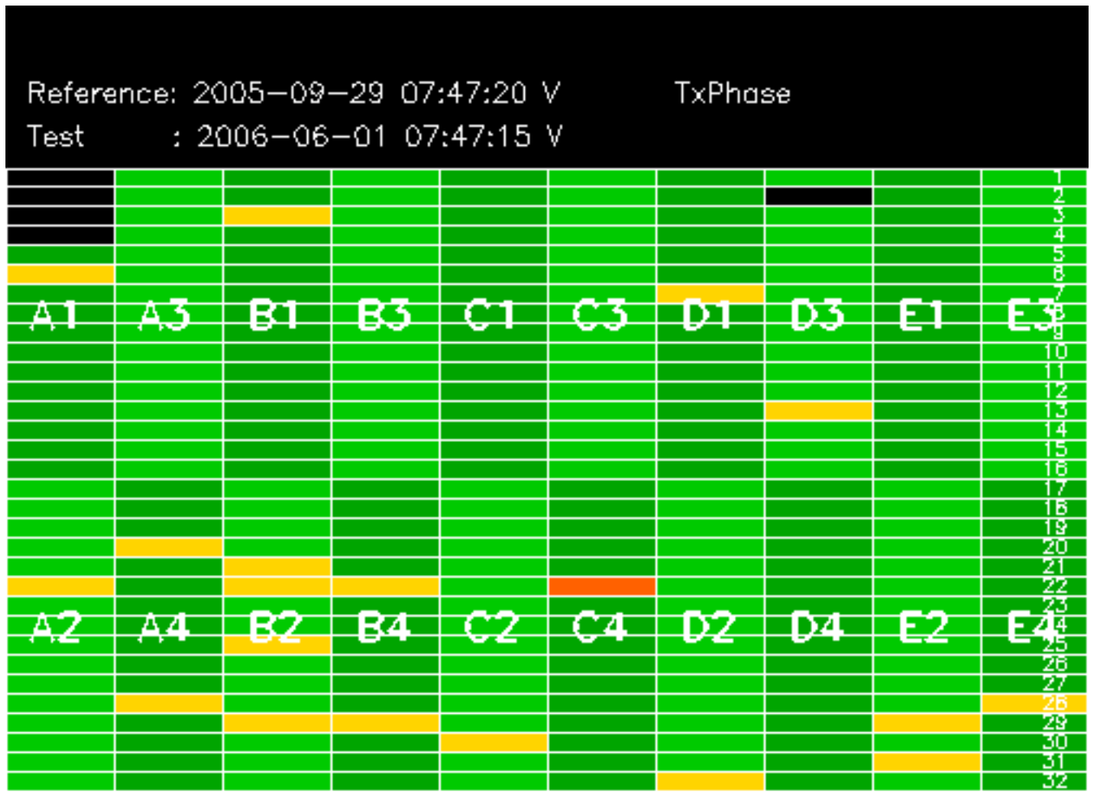
Reference: 2005-09-29 07:47:20 V
Test : 2006-06-01 07:47:15 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
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12
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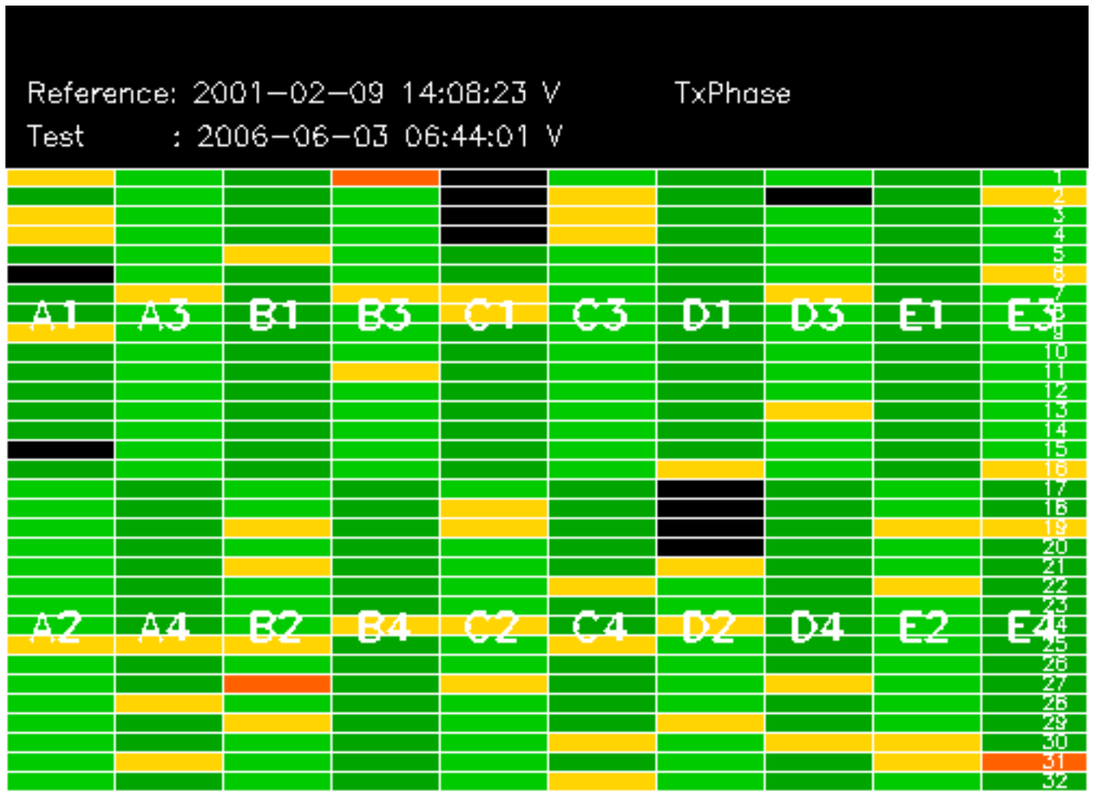
Reference: 2001-02-09 14:08:23 V
Test : 2006-06-03 06:44:01 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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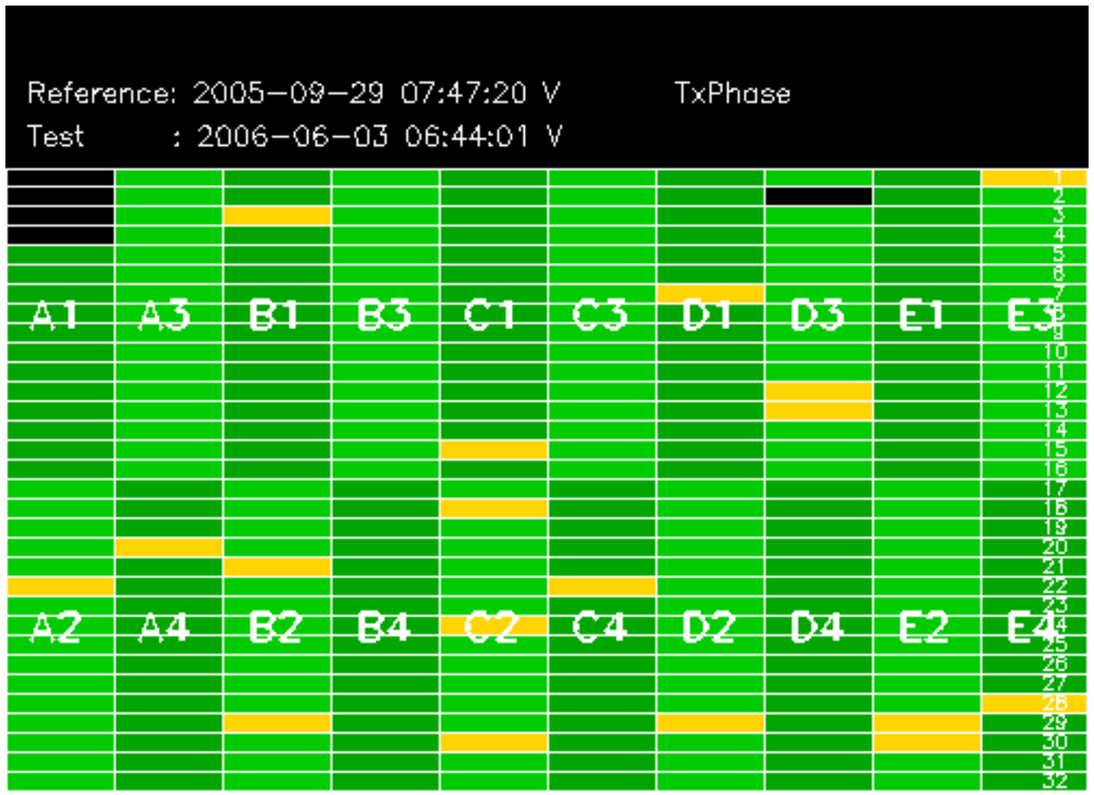
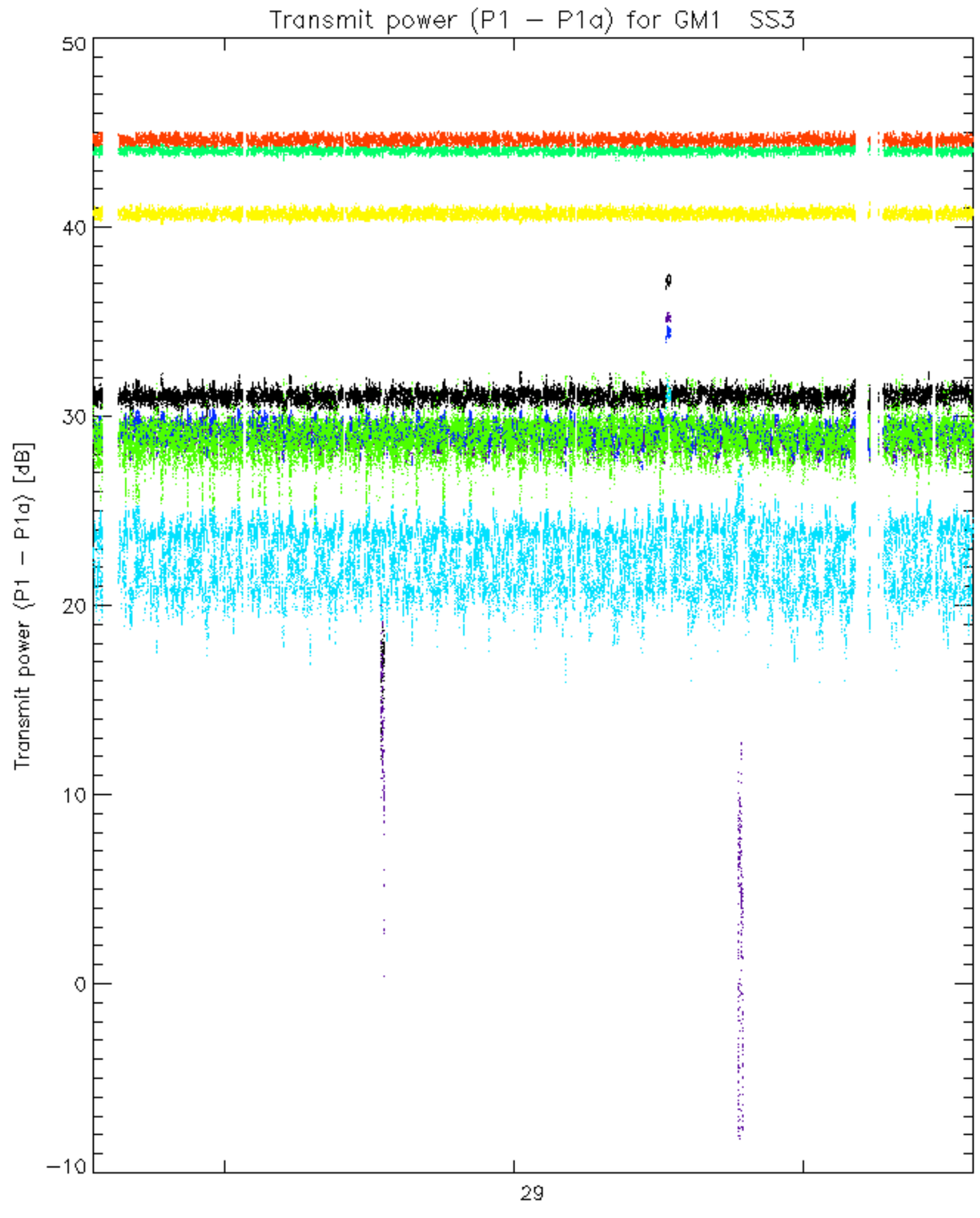
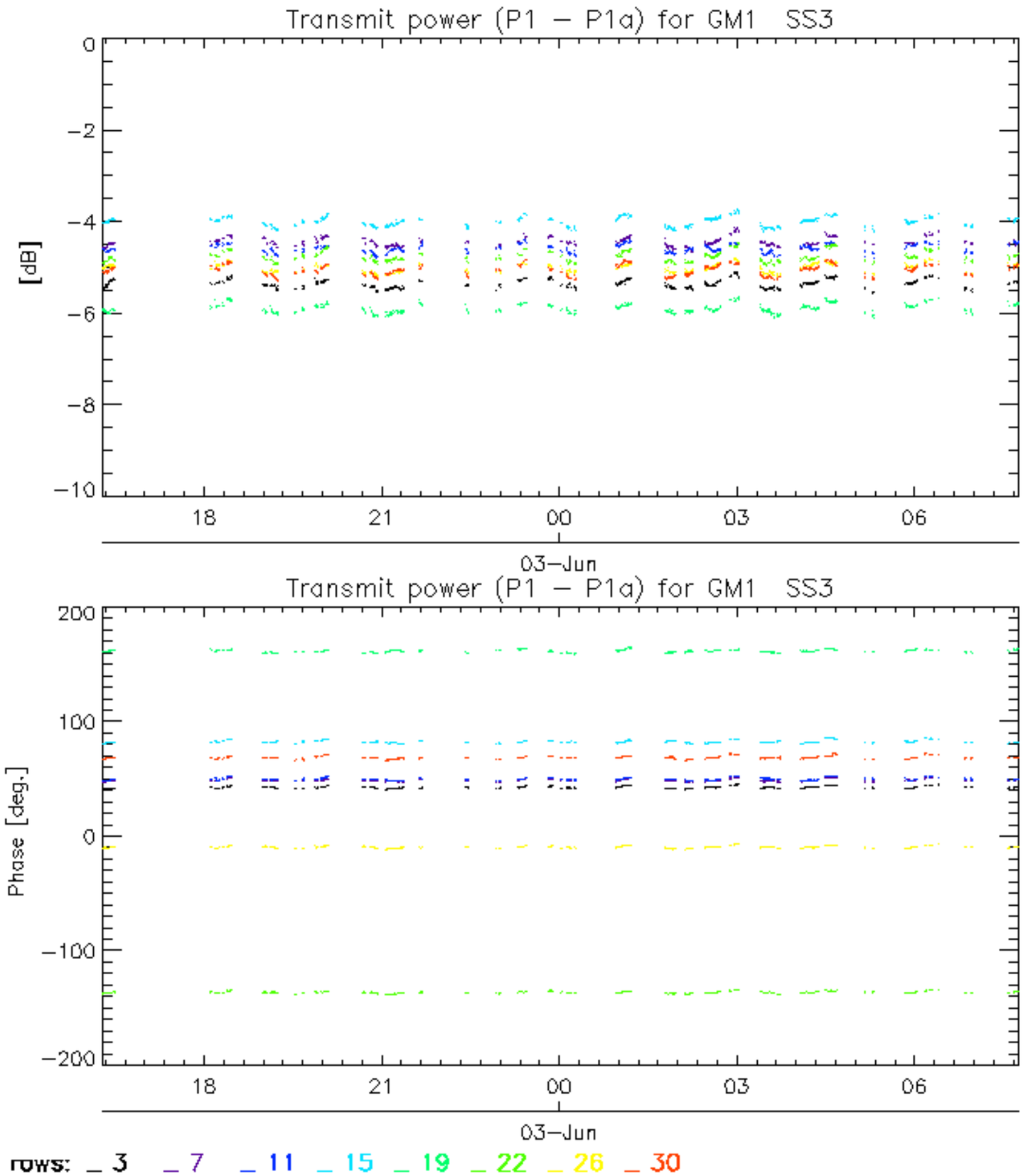
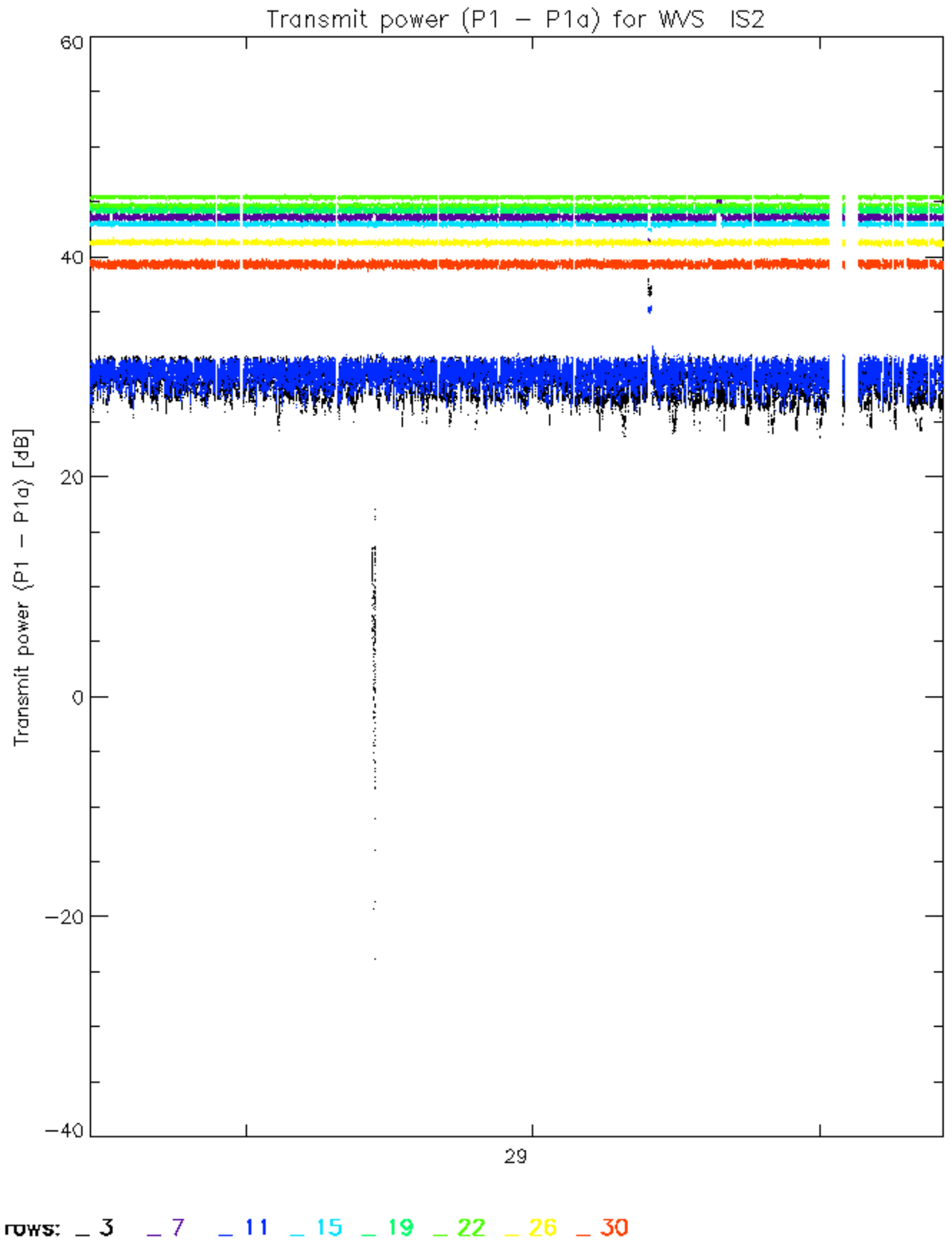
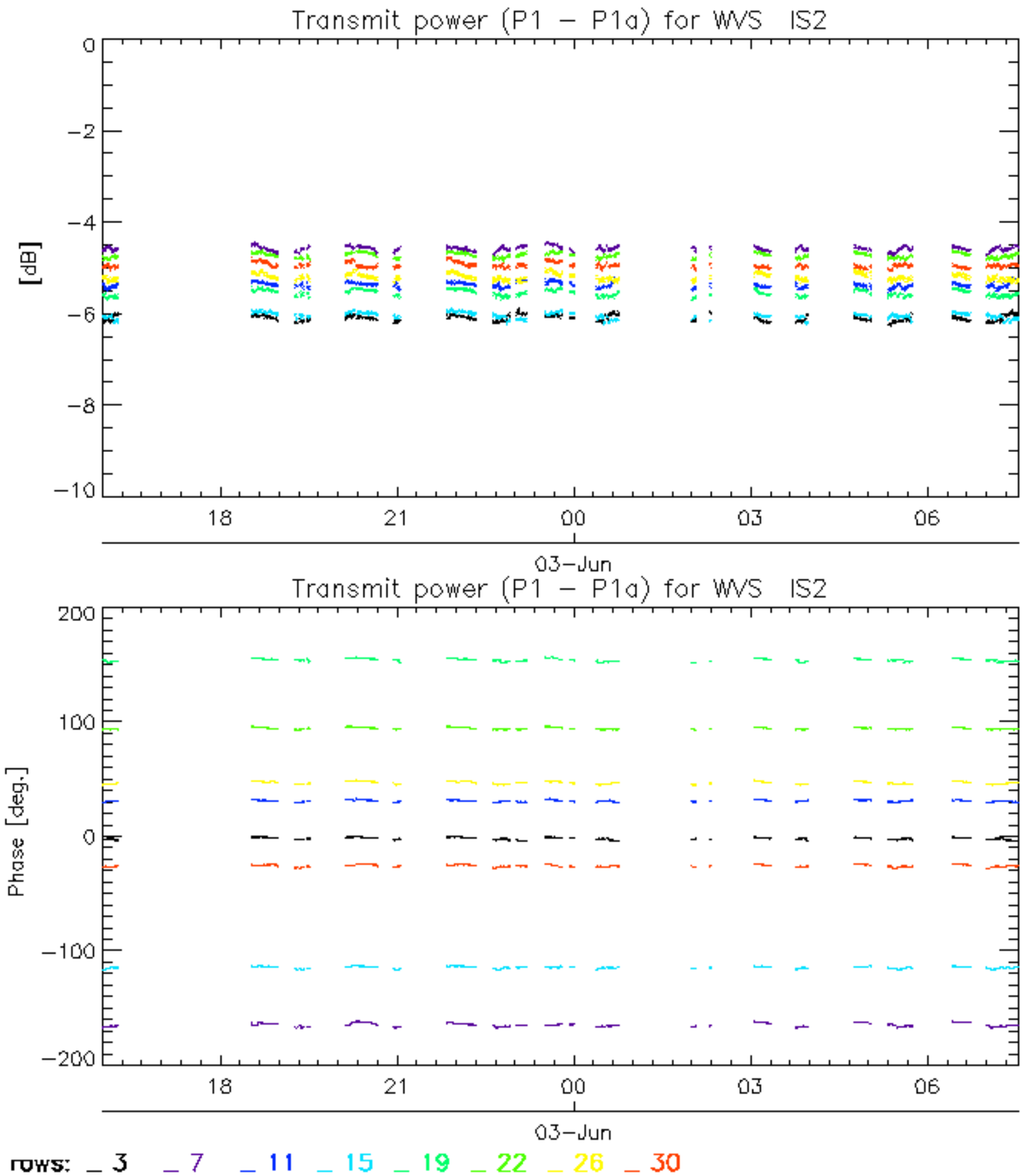

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
29
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
03–Jun
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
03–Jun
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 − P1a) for WVS IS2
Transmit power ⟨P1 − P1a⟩ [dB]
60
40
20
0
−20
−40
29
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
03–Jun
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
03–Jun
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.