PRELIMINARY REPORT OF 060917

last update on Sun Sep 17 16:39:16 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 2006-09-16 00:00:00 to 2006-09-17 16:39:16

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

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	38	69	10	0	0
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	38	69	10	0	0
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	38	69	10	0	0
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	38	69	10	0	0

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	20	32	24	22	93
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	20	32	24	22	93
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	20	32	24	22	93
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	20	32	24	22	93

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	20060916 064400
H	20060917 061223

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
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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
☒

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	-3.939237	0.009792	0.009219
7	P1	-3.047415	0.011525	-0.062152
11	P1	-4.055791	0.017517	-0.004004
15	P1	-6.179731	0.015209	0.005661
19	P1	-3.512663	0.049927	-0.091331
22	P1	-4.567433	0.027038	-0.021110
26	P1	-3.943211	0.019683	-0.056206
30	P1	-5.790693	0.150425	-0.095973
3	P1	-16.584850	0.256073	-0.174500
7	P1	-16.780836	0.668585	-1.127053
11	P1	-16.803337	0.340614	-0.032866
15	P1	-12.916019	0.106856	0.217567
19	P1	-14.612894	0.451604	-0.207476
22	P1	-15.716519	0.562105	0.305676
26	P1	-15.205419	0.208686	-0.054926
30	P1	-16.938873	0.400798	0.113029

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-20.827997	0.082918	0.074042
7	P2	-21.861023	0.096612	0.010183
11	P2	-15.744529	0.107344	-0.019053
15	P2	-7.089922	0.098443	0.019388
19	P2	-9.112489	0.091312	-0.007904
22	P2	-18.119219	0.086190	0.034939
26	P2	-16.400745	0.093416	-0.017817
30	P2	-19.468084	0.089948	0.011252

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.174871	0.004611	-0.003457
7	P3	-8.174871	0.004611	-0.003457
11	P3	-8.174871	0.004611	-0.003457
15	P3	-8.174871	0.004611	-0.003457
19	P3	-8.174871	0.004611	-0.003457
22	P3	-8.174871	0.004611	-0.003457
26	P3	-8.174928	0.004611	-0.003127
30	P3	-8.174928	0.004611	-0.003127

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	-3.844693	0.023931	-0.019553
7	P1	-2.444408	0.177312	-0.375244
11	P1	-2.879225	0.034528	-0.034753
15	P1	-3.650566	0.036719	-0.038234
19	P1	-3.459348	0.082806	-0.060613
22	P1	-5.095571	0.037802	-0.072054
26	P1	-5.866607	0.031100	0.046842
30	P1	-5.197798	0.086898	-0.029525
3	P1	-11.633155	0.074576	-0.001023
7	P1	-9.916247	0.200756	-0.322030
11	P1	-10.336618	0.085337	-0.112204
15	P1	-10.861389	0.180111	0.007761
19	P1	-15.681603	3.708880	-0.291886
22	P1	-20.812368	1.732180	0.181580
26	P1	-15.963701	0.406334	0.350459
30	P1	-18.036327	0.840505	-0.308496

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.415537	0.076373	0.098601
7	P2	-22.192347	0.200794	0.065381
11	P2	-10.897777	0.059566	0.055874
15	P2	-4.860228	0.039419	0.064187
19	P2	-6.847080	0.041757	0.044601
22	P2	-8.159003	0.066502	0.081586
26	P2	-24.157804	0.135241	-0.009765
30	P2	-21.956263	0.080853	-0.006121

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.019750	0.003740	-0.005834
7	P3	-8.019666	0.003745	-0.005479
11	P3	-8.019625	0.003747	-0.005685
15	P3	-8.019620	0.003766	-0.005324
19	P3	-8.019704	0.003771	-0.005116
22	P3	-8.019805	0.003733	-0.005411
26	P3	-8.019723	0.003748	-0.005865
30	P3	-8.019593	0.003745	-0.006018

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	0.000547419
	stdev	1.79021e-07
MEAN Q	mean	0.000525394
	stdev	2.17443e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.135851
	stdev	0.00111045
STDEV Q	mean	0.136196
	stdev	0.00112716

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006091[567]
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_1PNPDE20060915_201740_000000362051_00157_23758_5807.N1	1	0
ASA_IMM_1PNPDK20060916_140527_000000392051_00168_23769_1904.N1	1	0
ASA_WSM_1PNPDE20060915_015531_000001282051_00146_23747_2075.N1	0	39
ASA_WSM_1PNPDE20060915_021350_000000672051_00146_23747_2061.N1	4	196
ASA_WSM_1PNPDE20060915_021500_000000362051_00146_23747_2169.N1	27	2559
ASA_WSM_1PNPDE20060915_033458_000000852051_00147_23748_2087.N1	0	7
ASA_WSM_1PNPDE20060915_234319_000003242051_00159_23760_2251.N1	0	34
ASA_WSM_1PNPDE20060917_005119_000001462051_00174_23775_2423.N1	0	34
ASA_APM_1PNPDE20060915_143623_000000892051_00154_23755_2658.N1	0	9

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

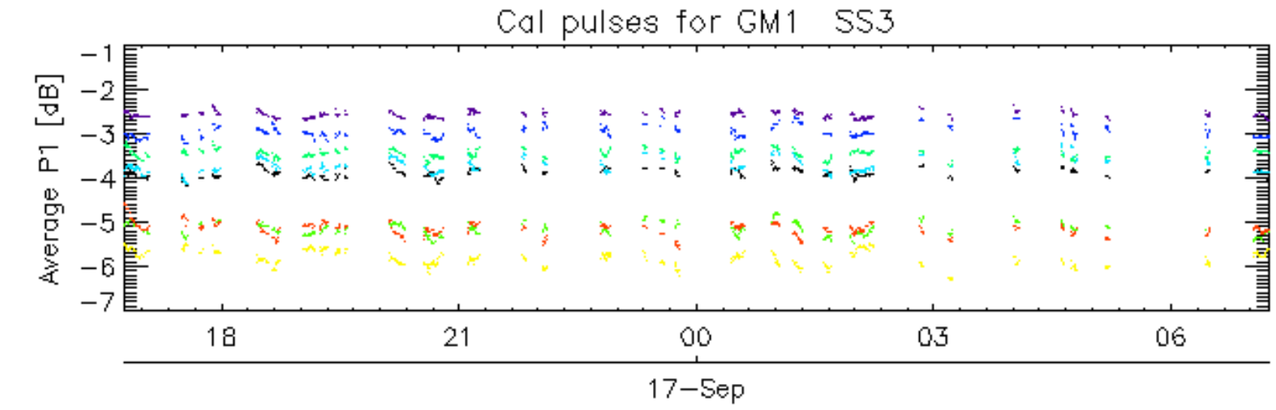
Evolution of Absolute Doppler

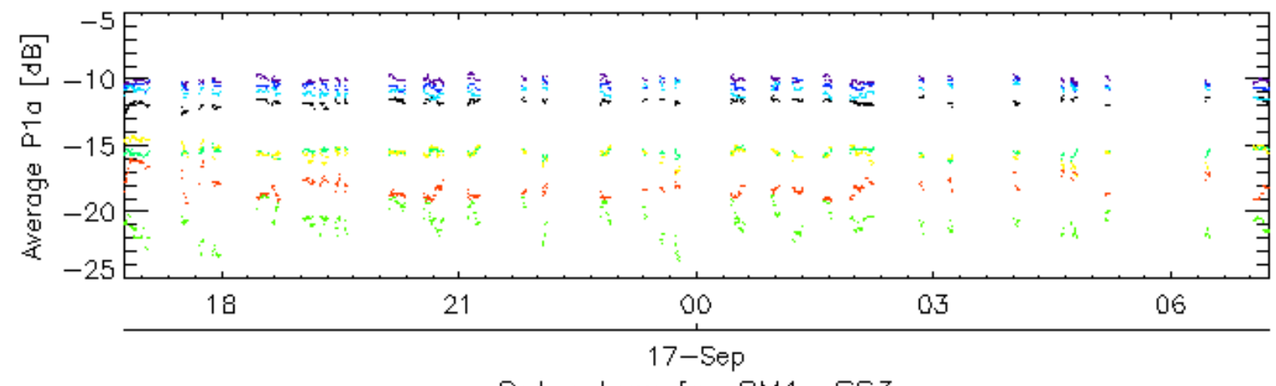
Acsending

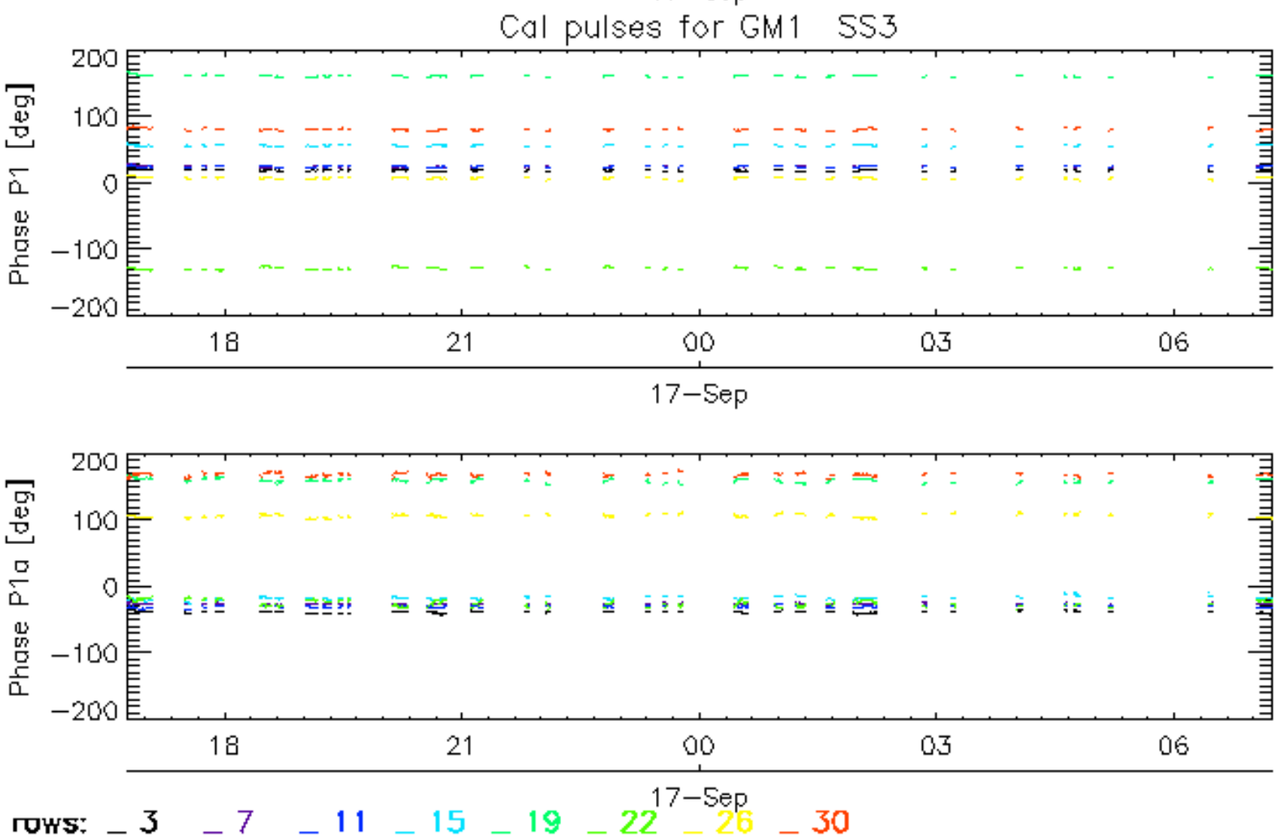
Descending

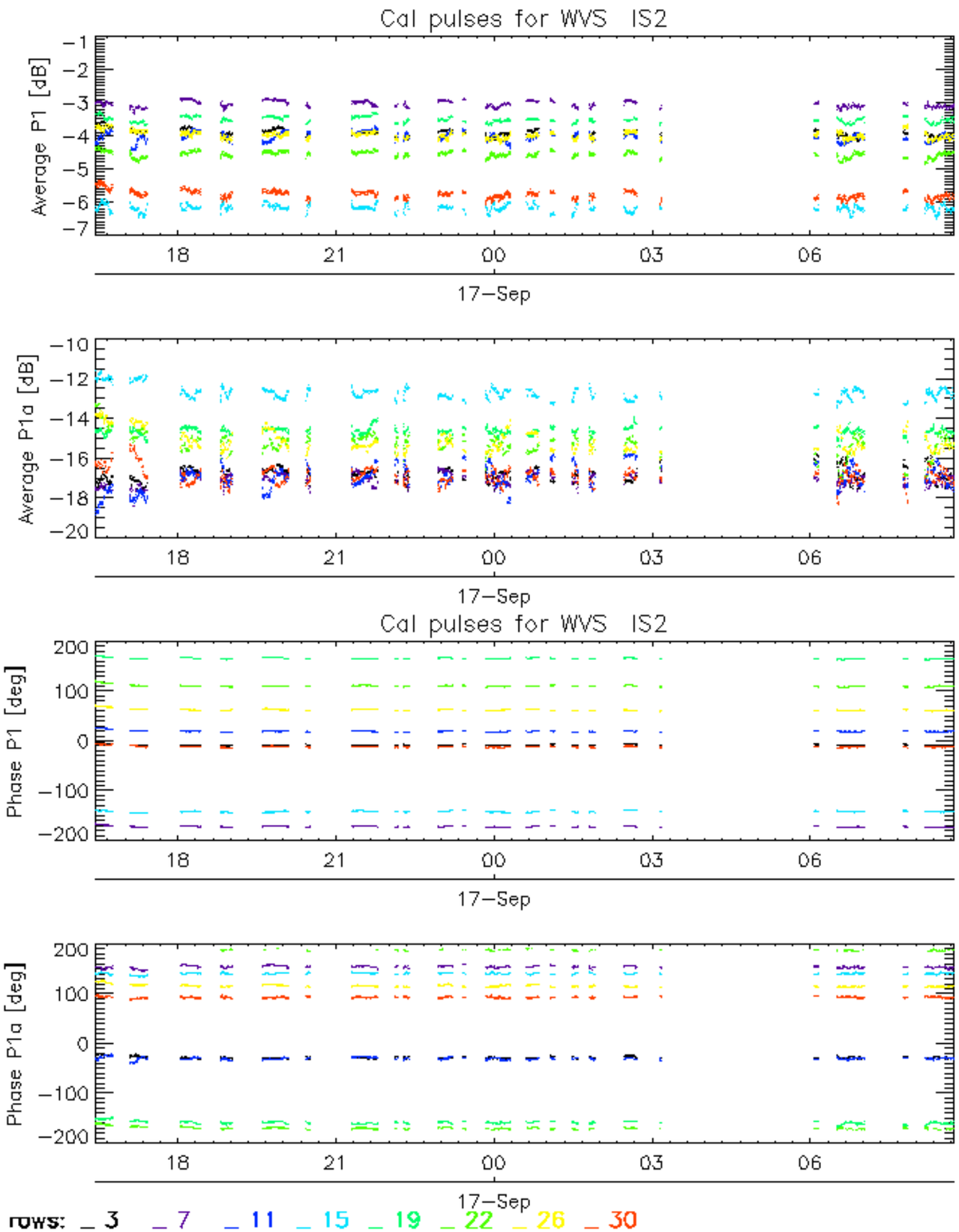
7.6 - Doppler evolution versus ANX for GM1

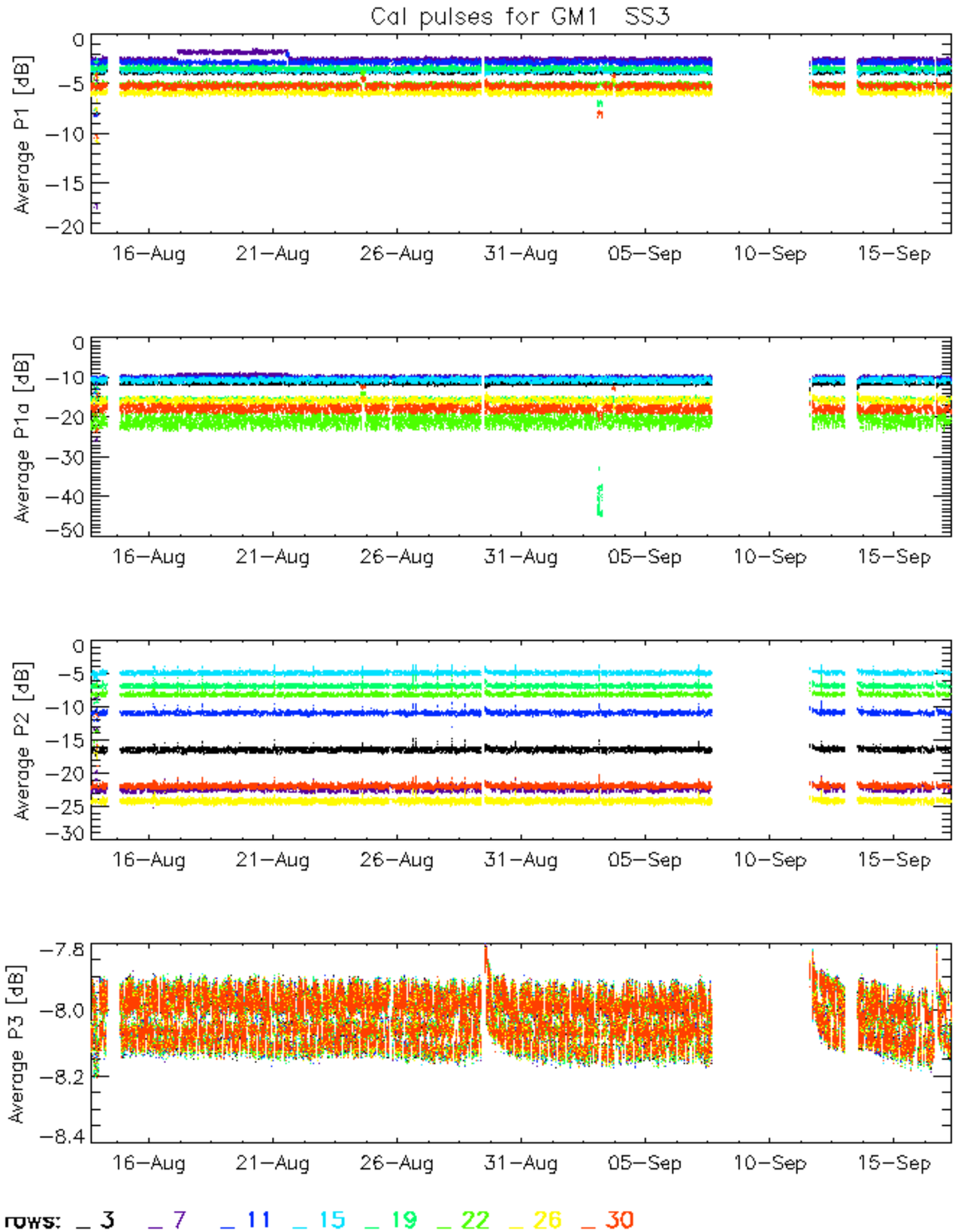
Evolution Doppler error versus ANX

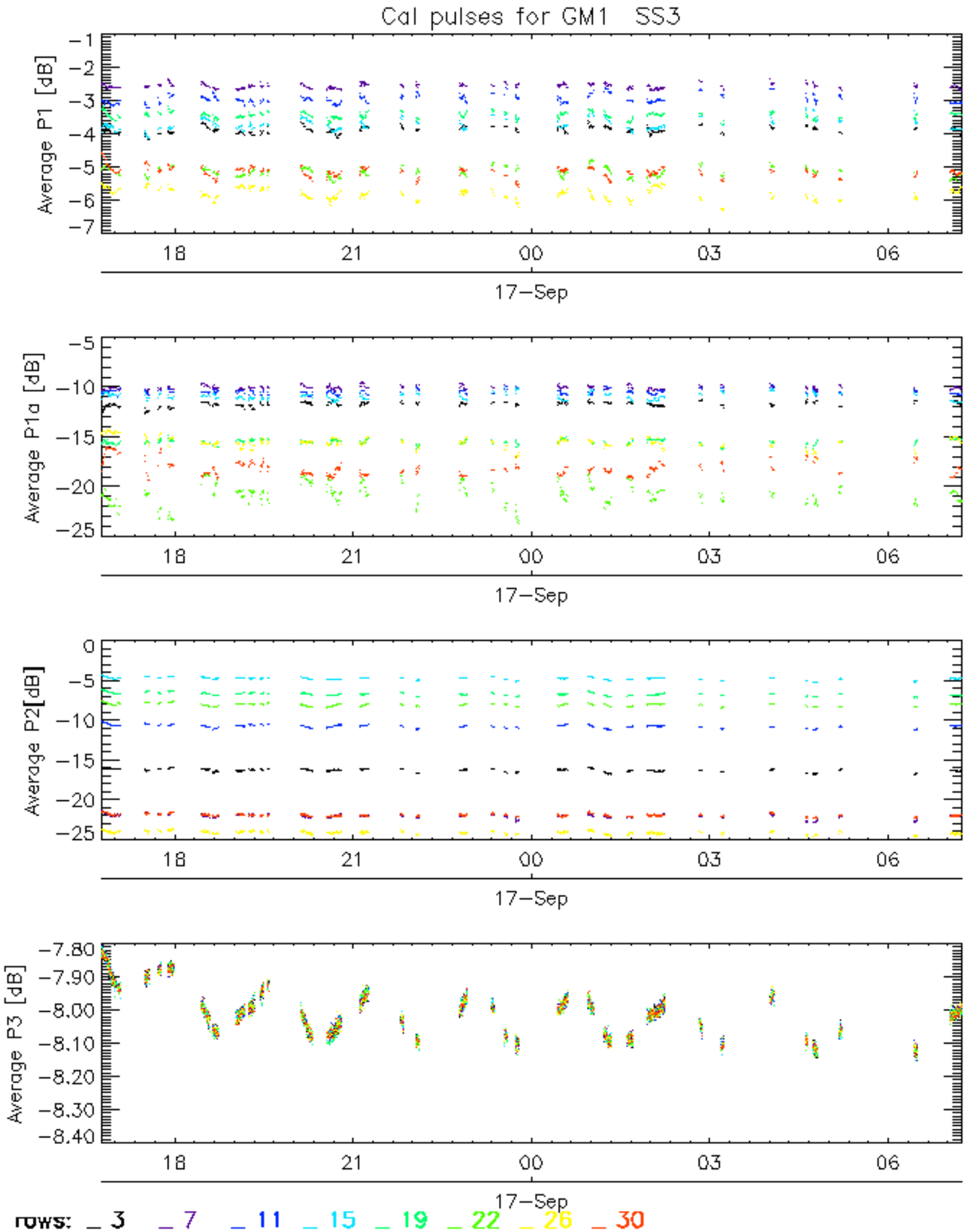


Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
17−Sep

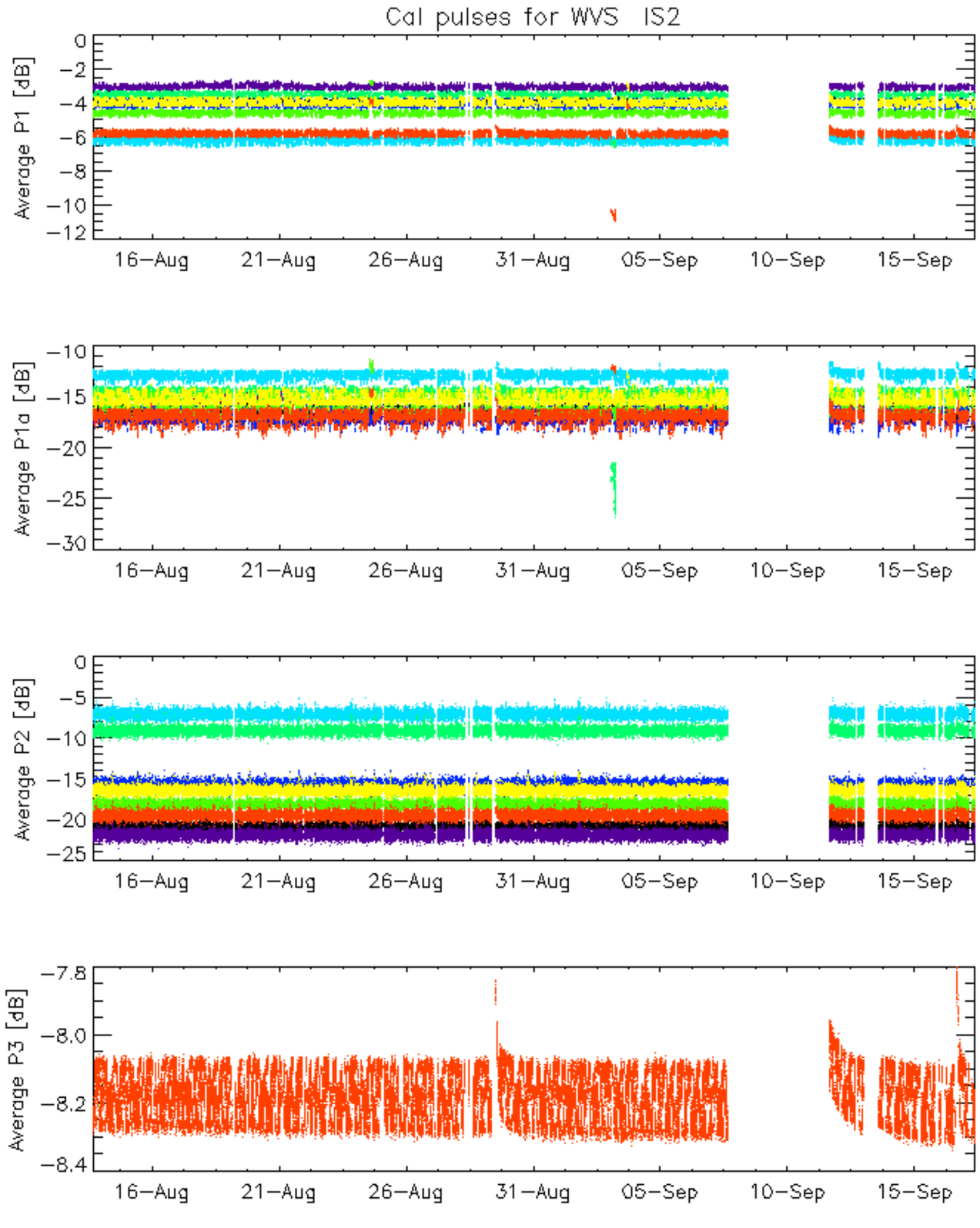

Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
17−Sep

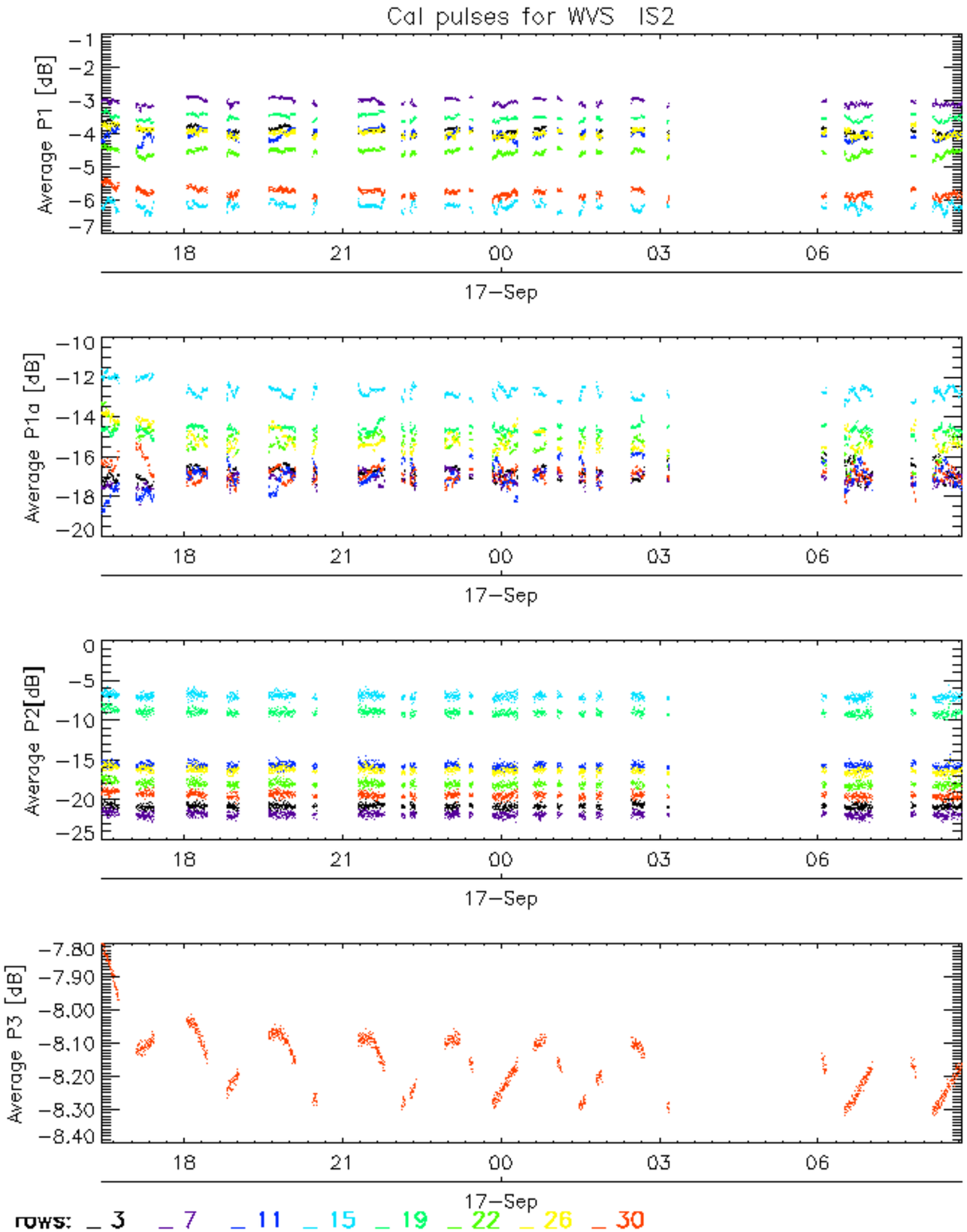

Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
17−Sep
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
17−Sep
rows: 3 7 11 15 19 22 26 30


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

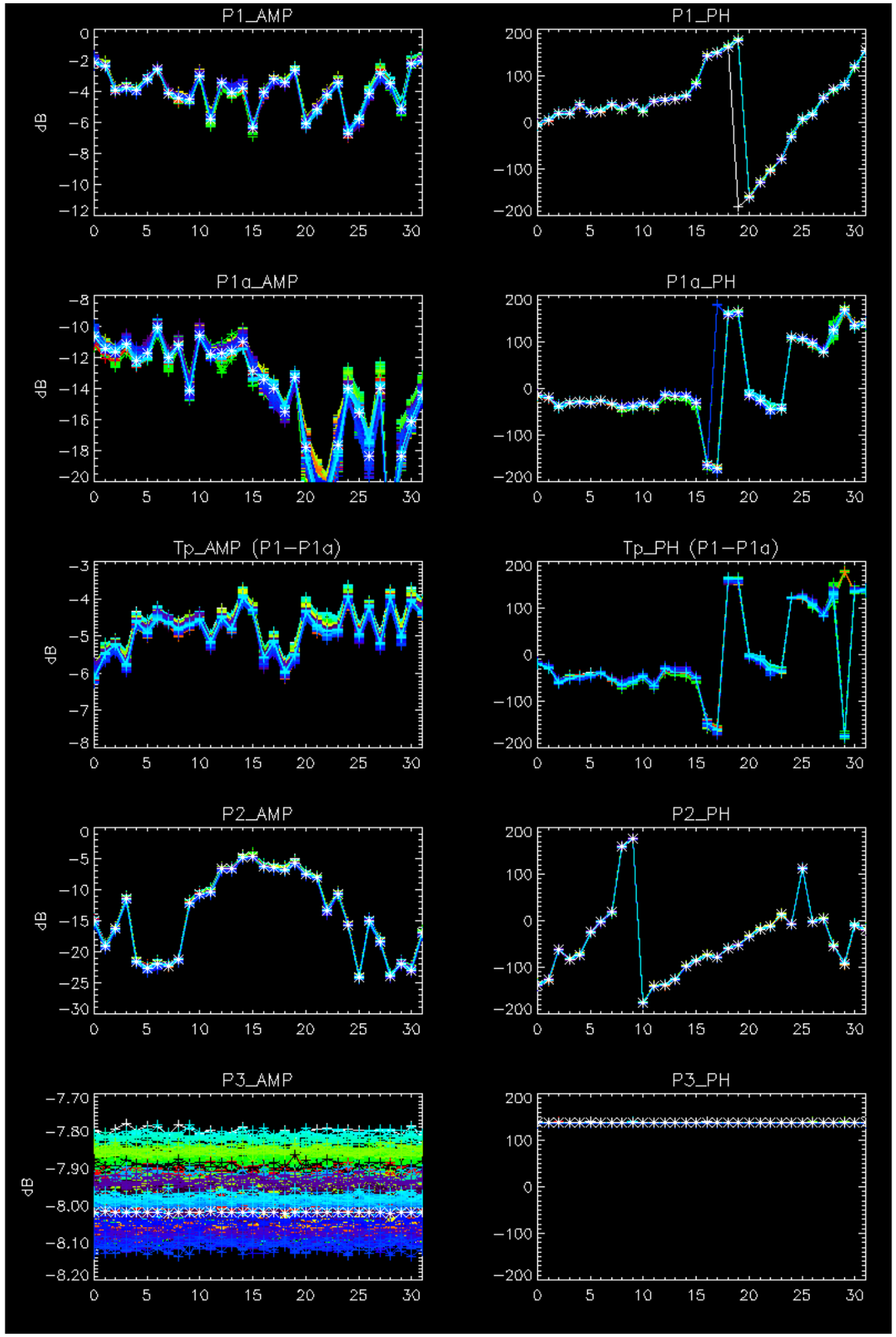

Cal pulses for GM1 SS3
Average P1 [dB]
0
−5
−10
−15
−20
16−Aug
21−Aug
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep
Average P1a [dB]
0
−10
−20
−30
−40
−50
Average P2 [dB]
0
−5
−10
−15
−20
−25
−30
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

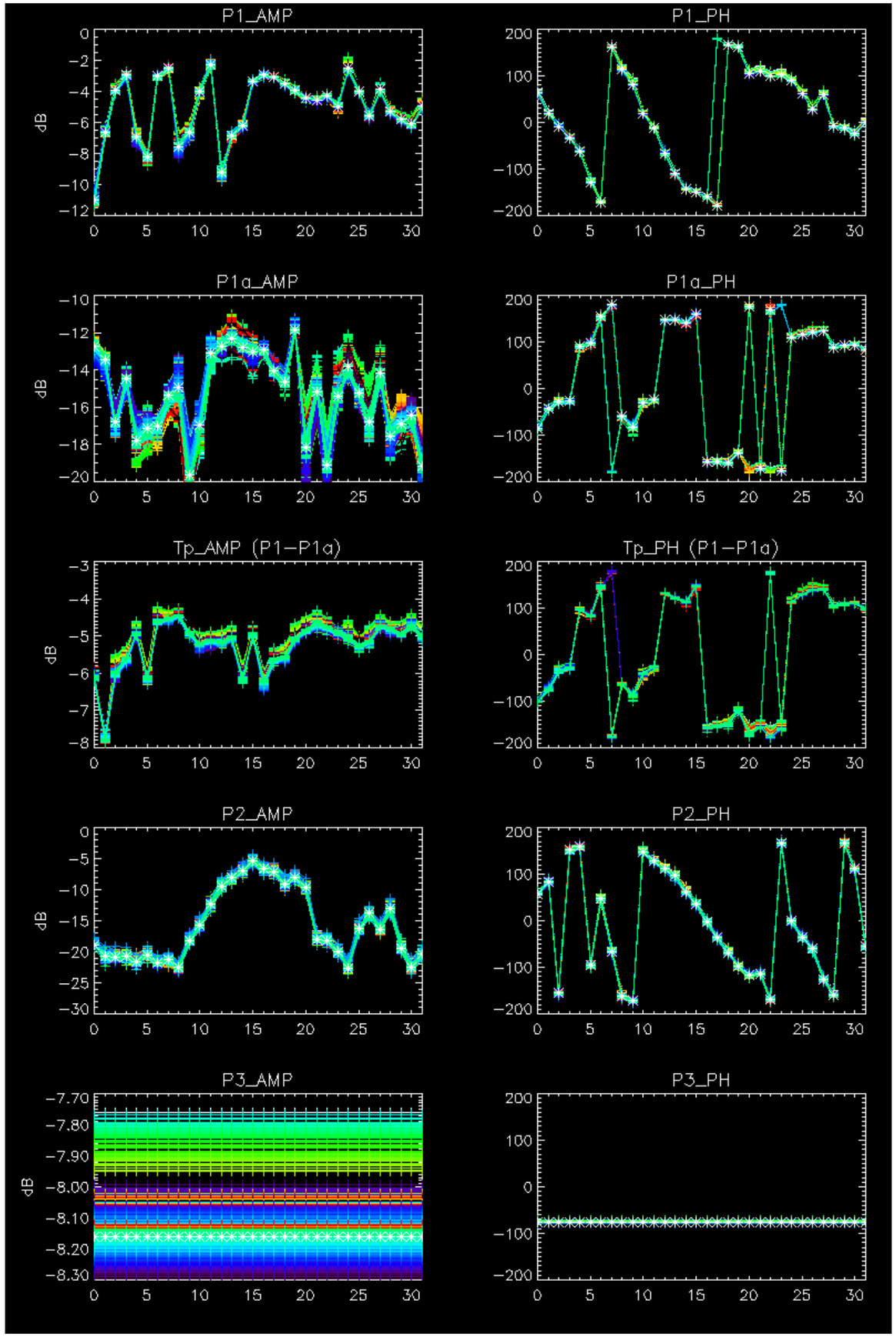

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
17−Sep
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
17−Sep
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
17−Sep
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
17−Sep
rows: _ 3 _ 7 _ 11 _ 15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


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

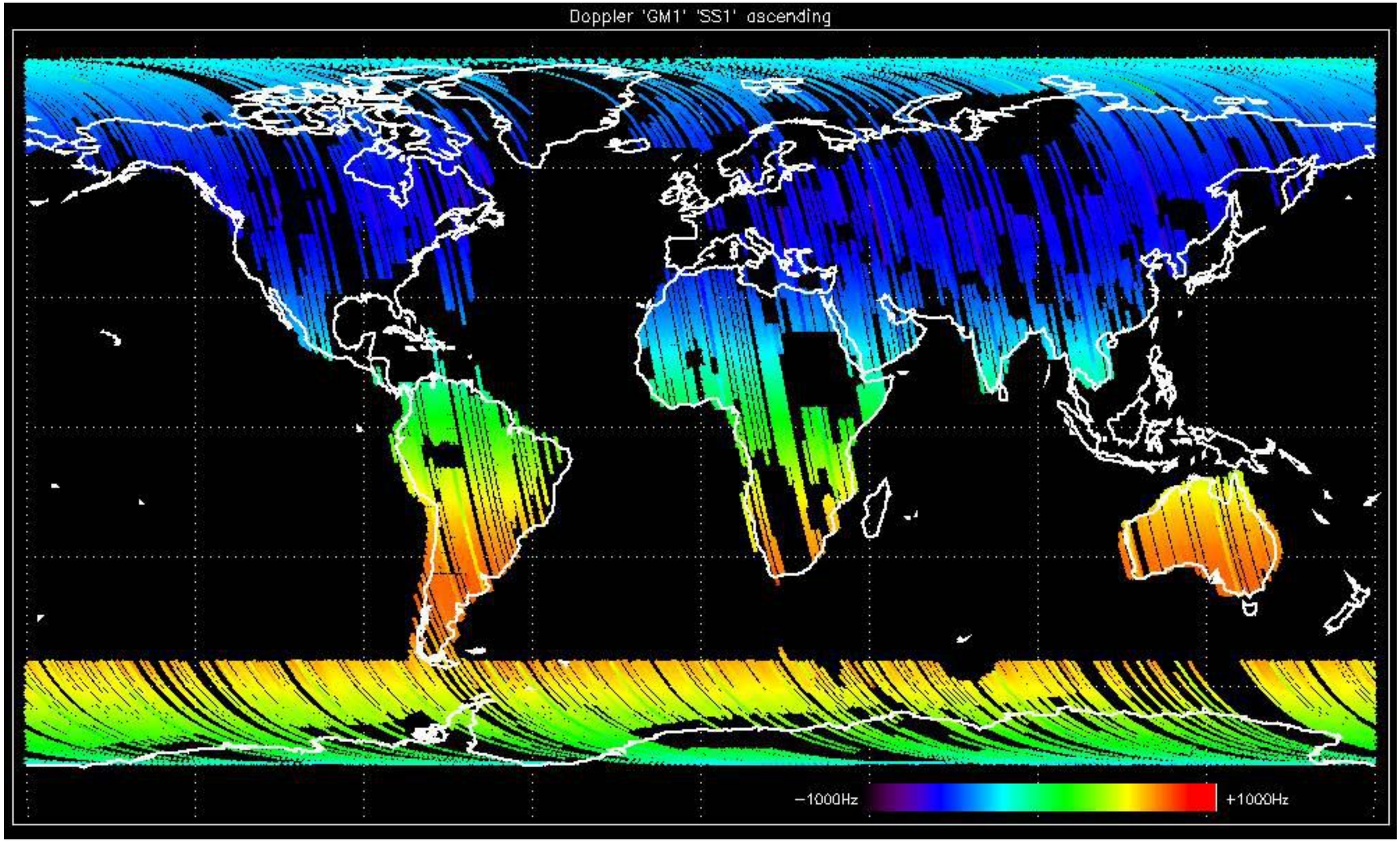
No anomalies observed.

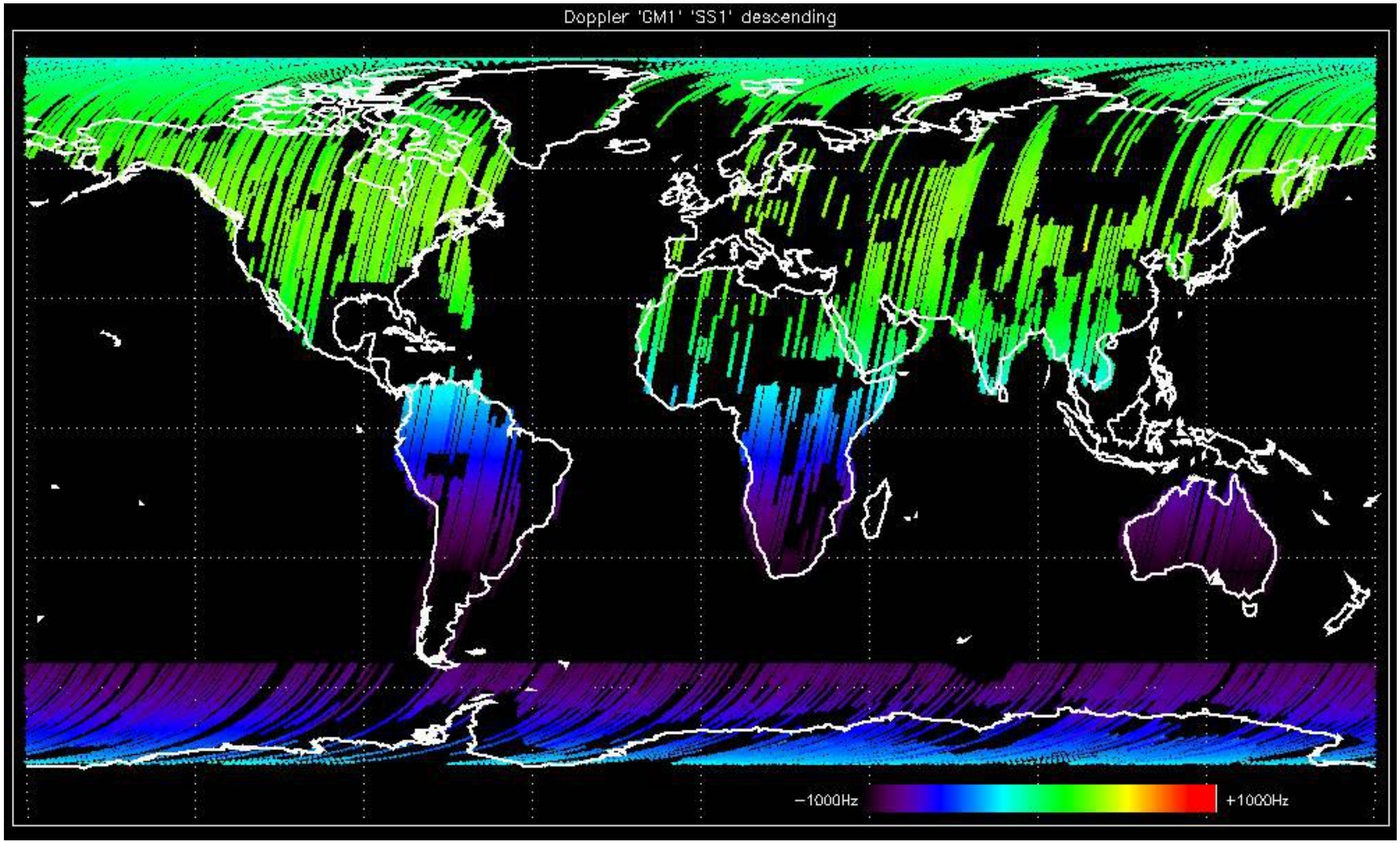

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

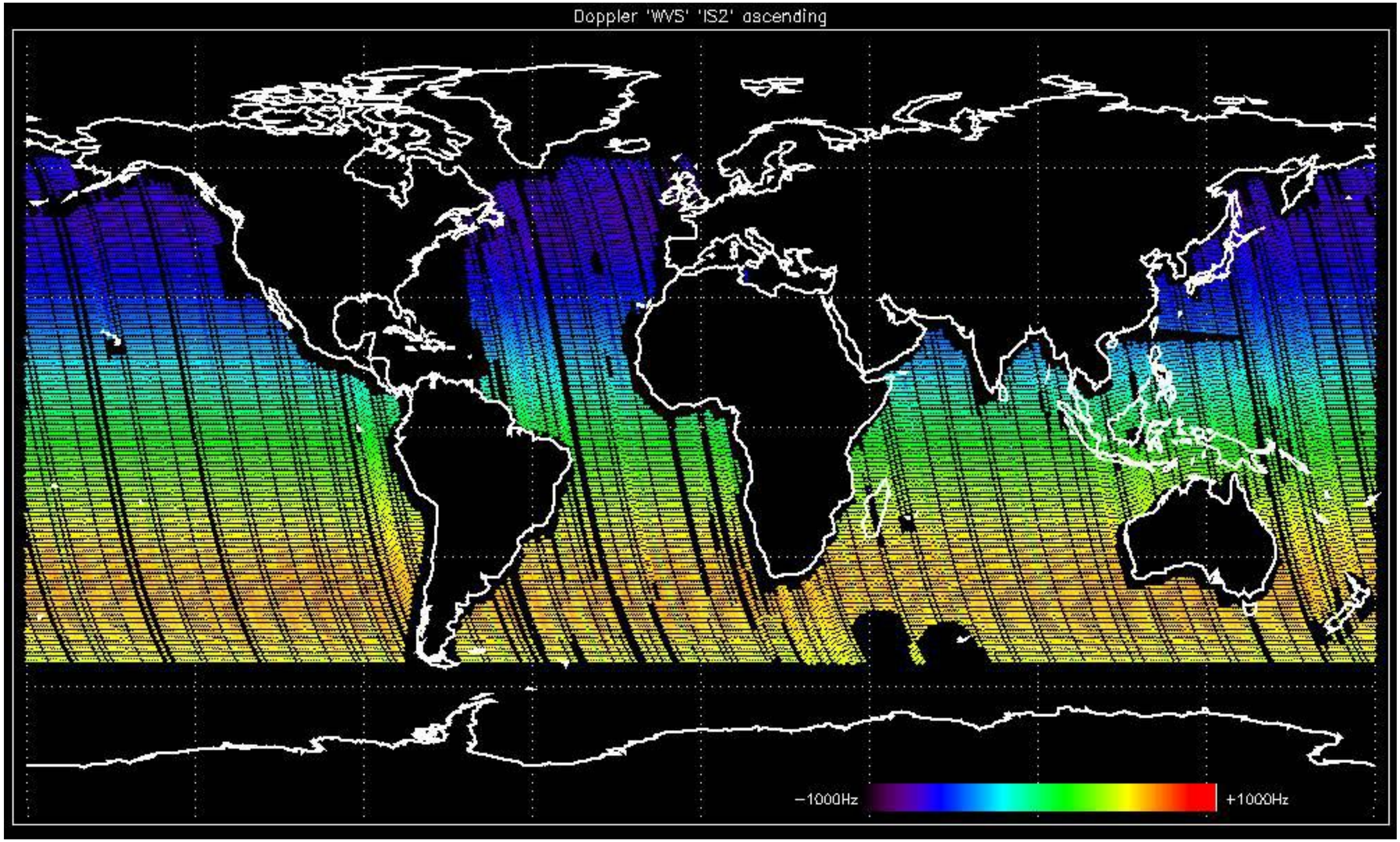

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

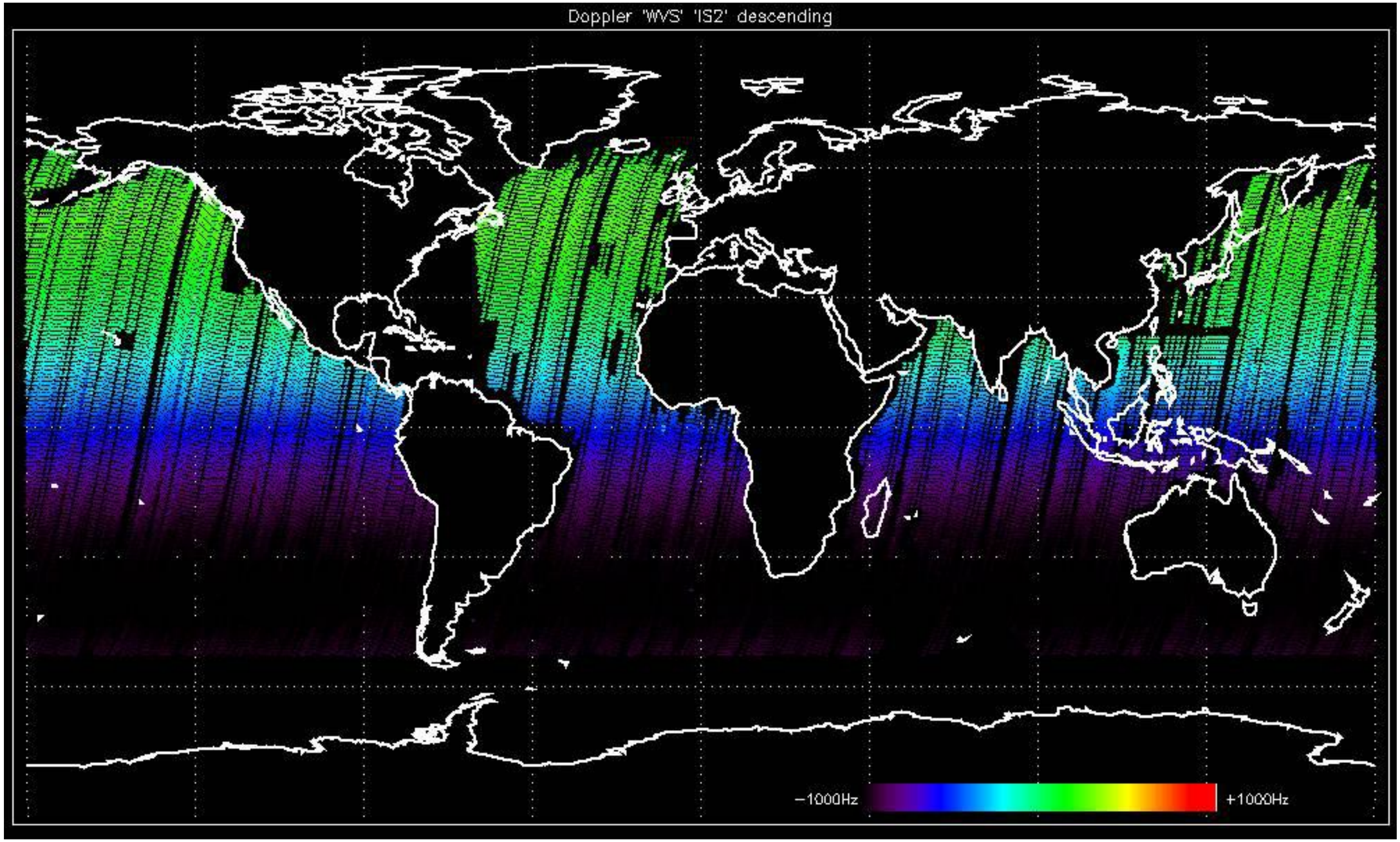
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

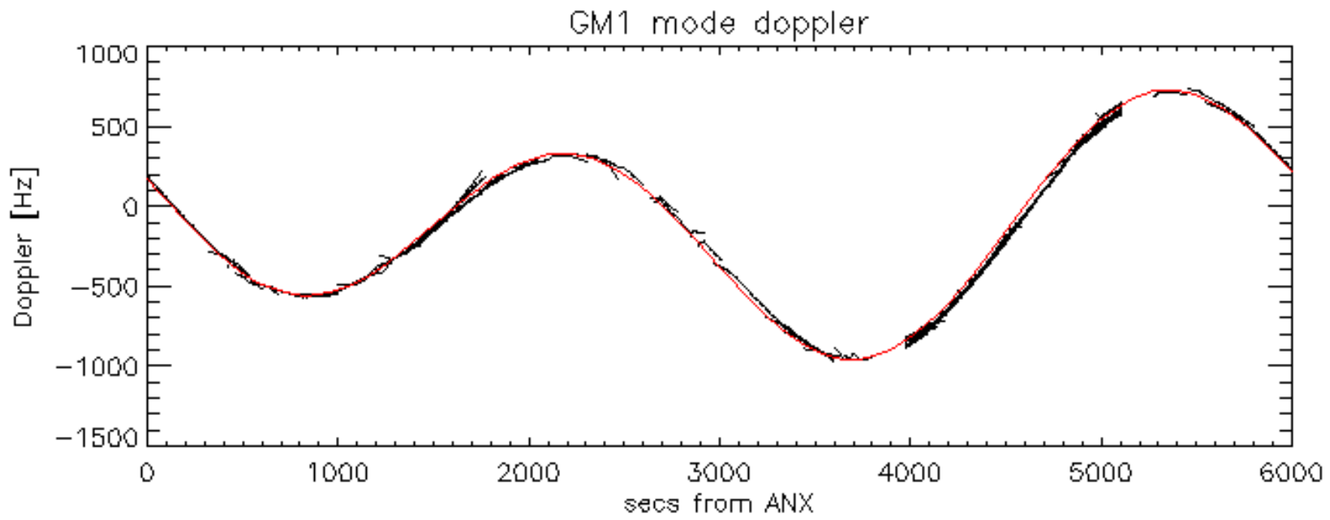
Preliminary report.The data is not yet controled

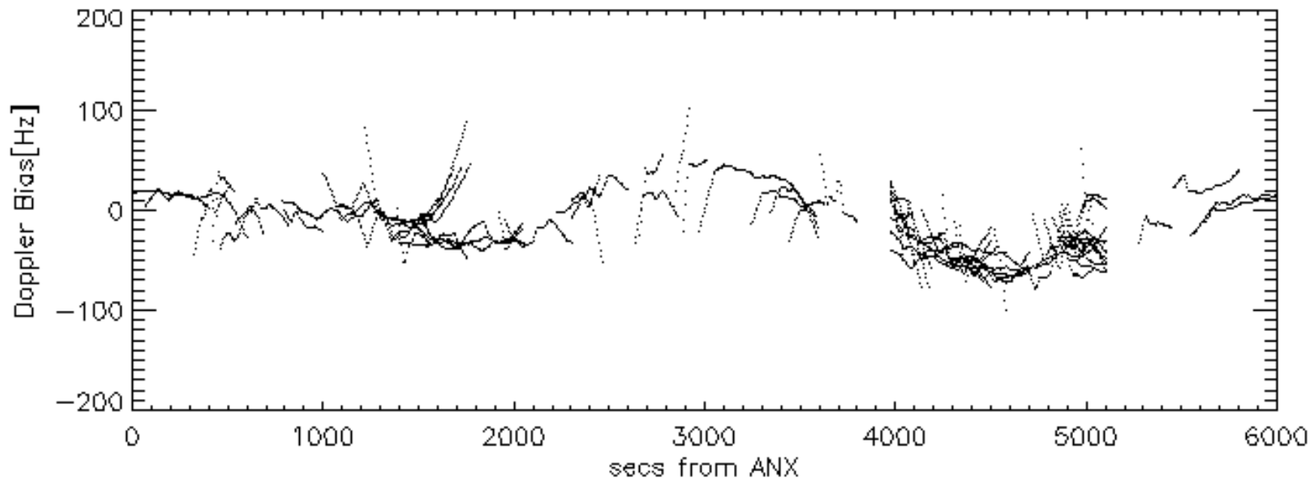

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

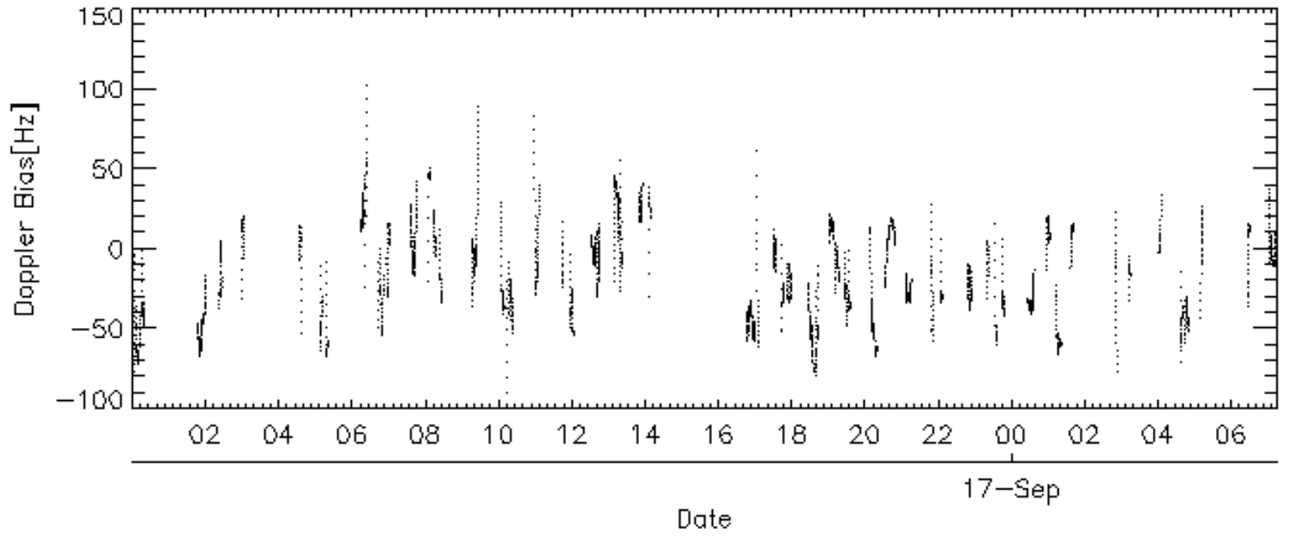

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

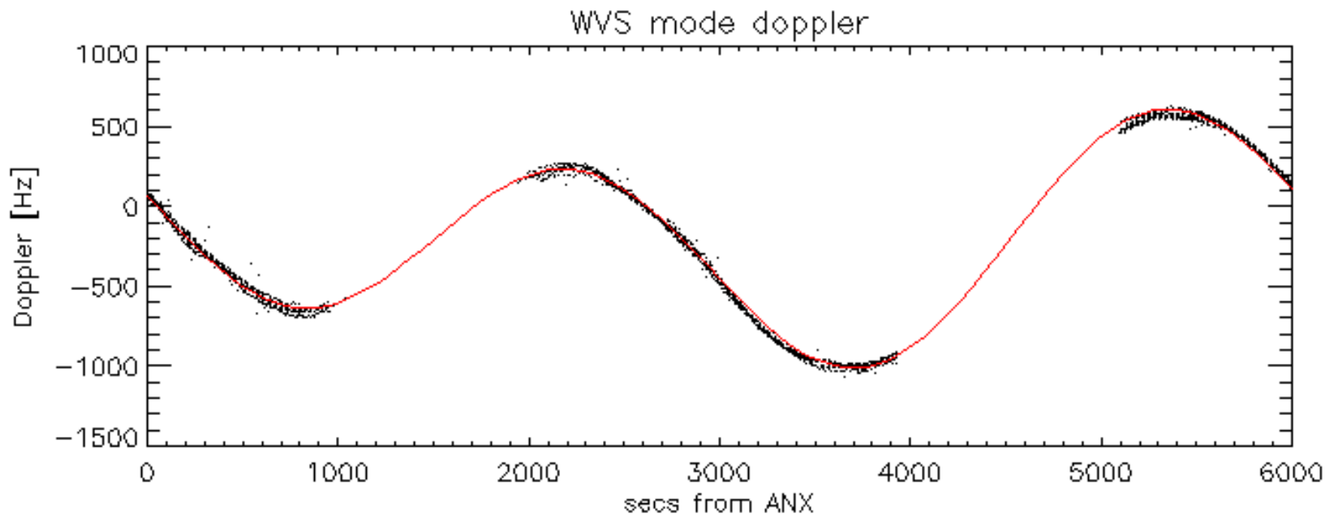

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

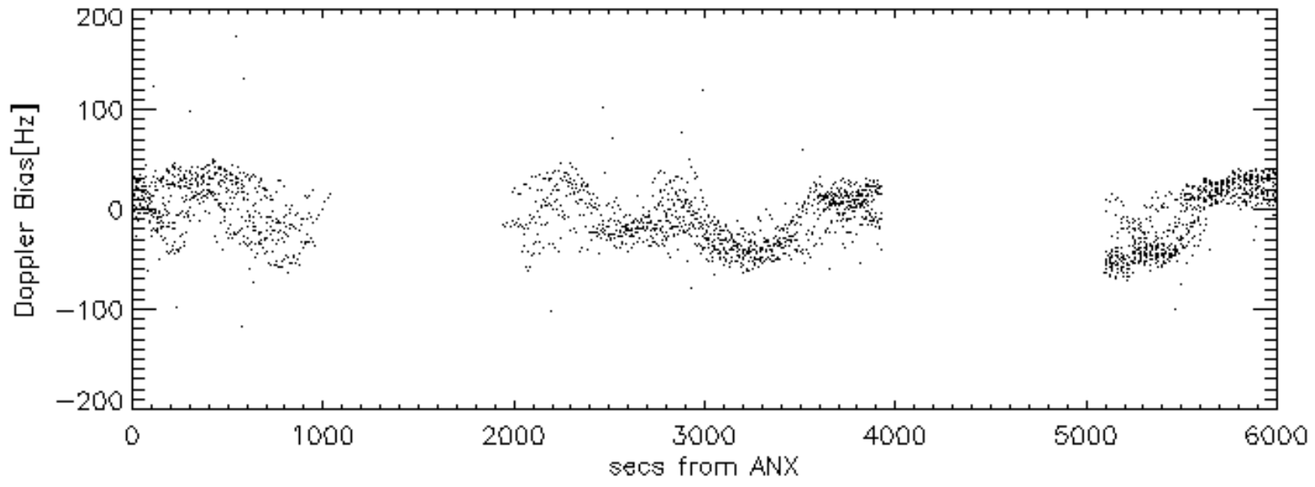

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

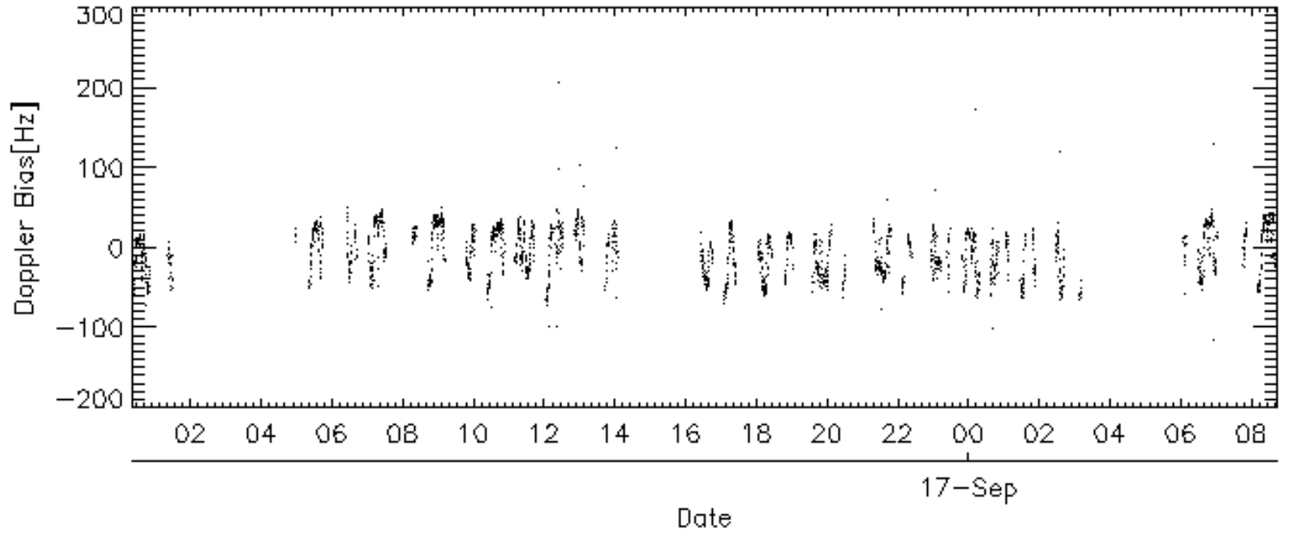

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

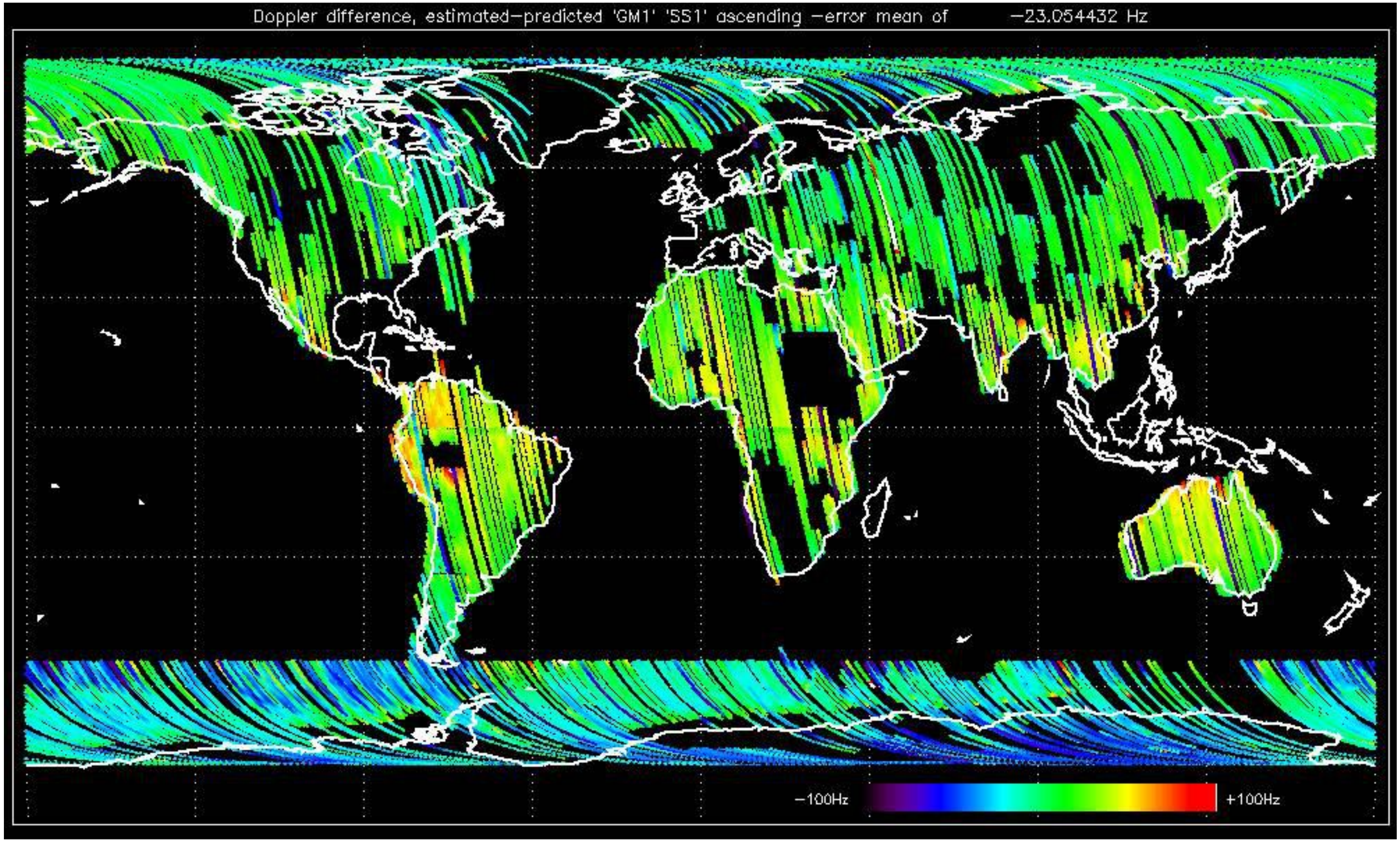

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

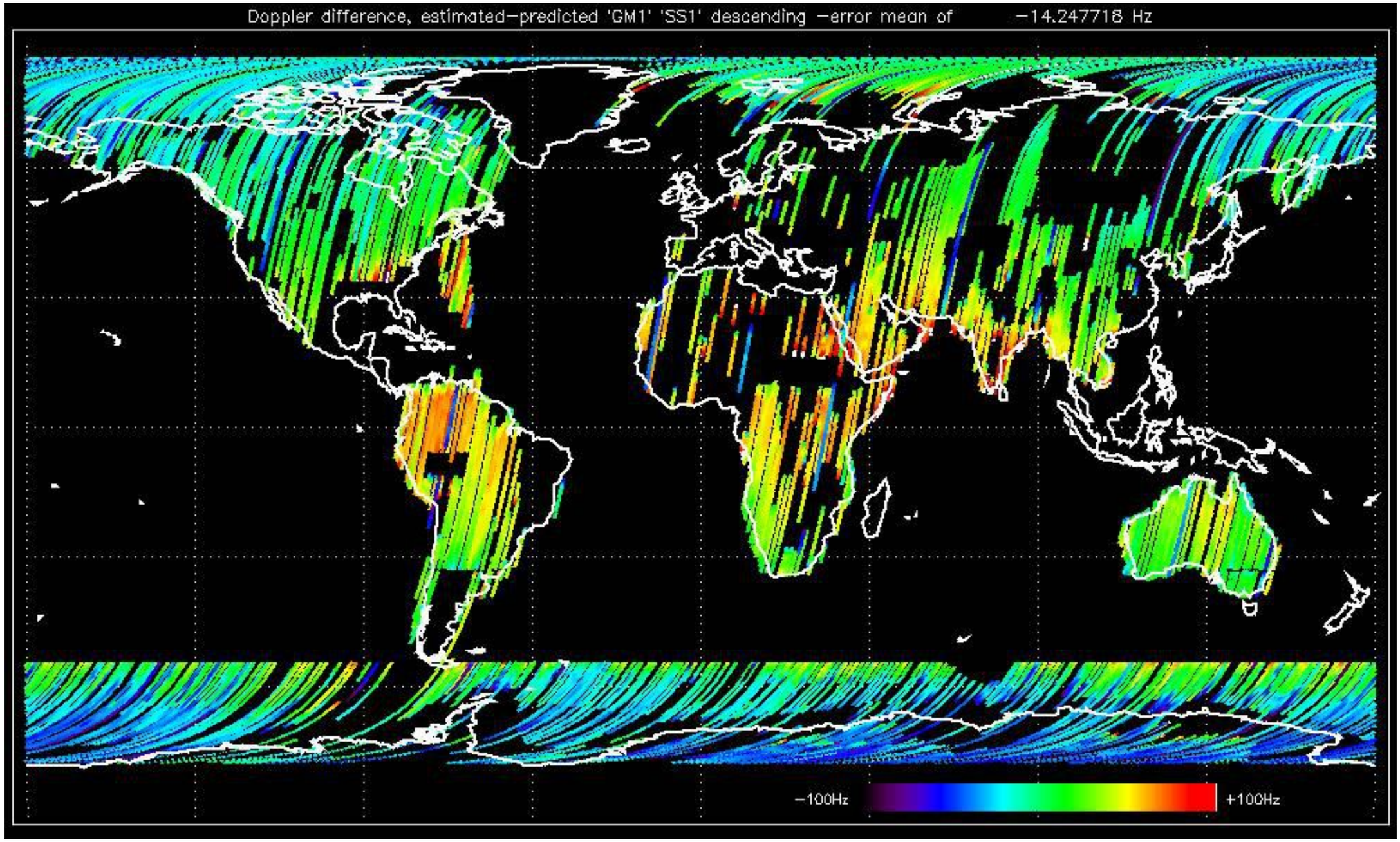

Doppler Bias[Hz]
150
100
50
0
−50
−100
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
17−Sep
Date

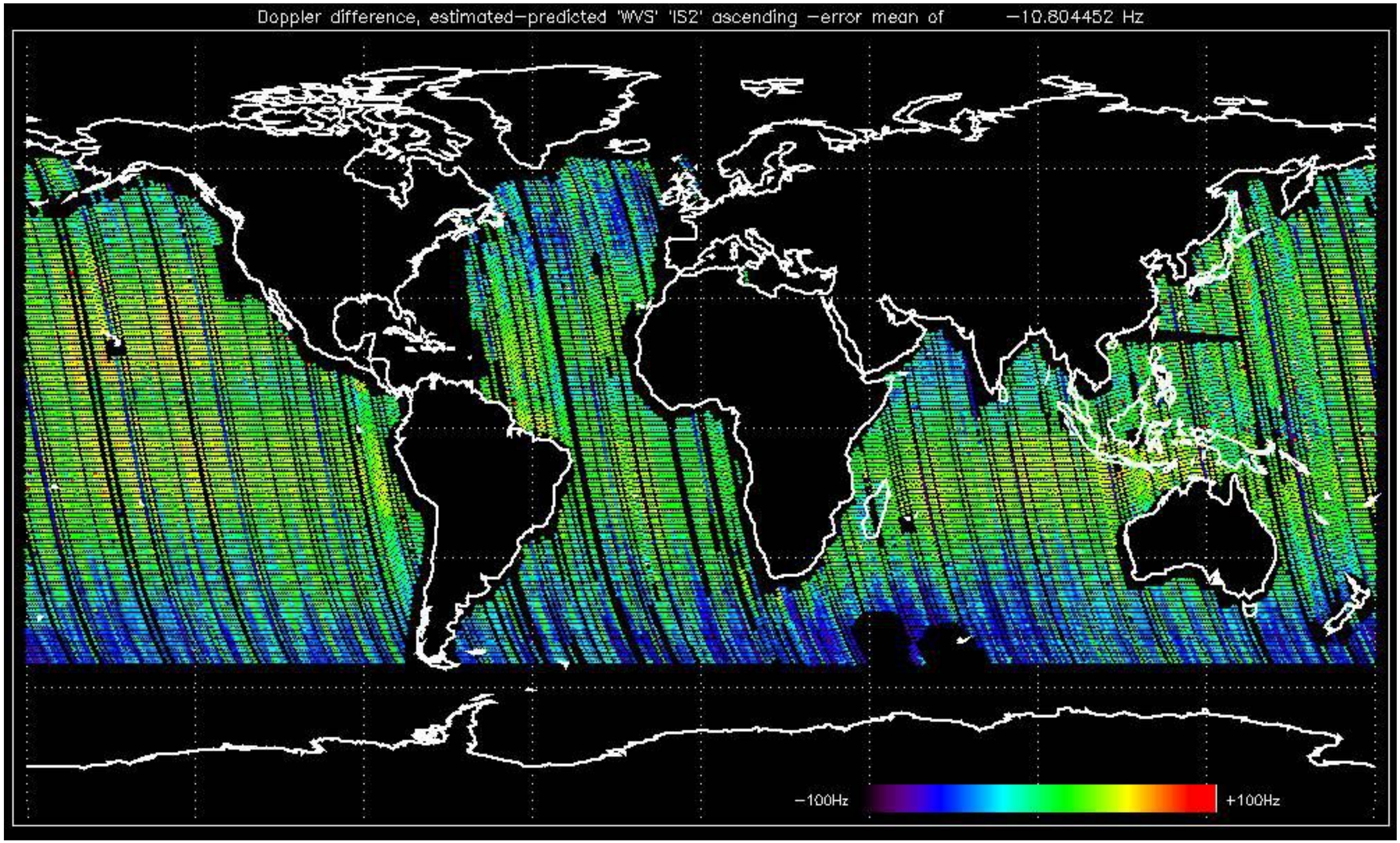

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

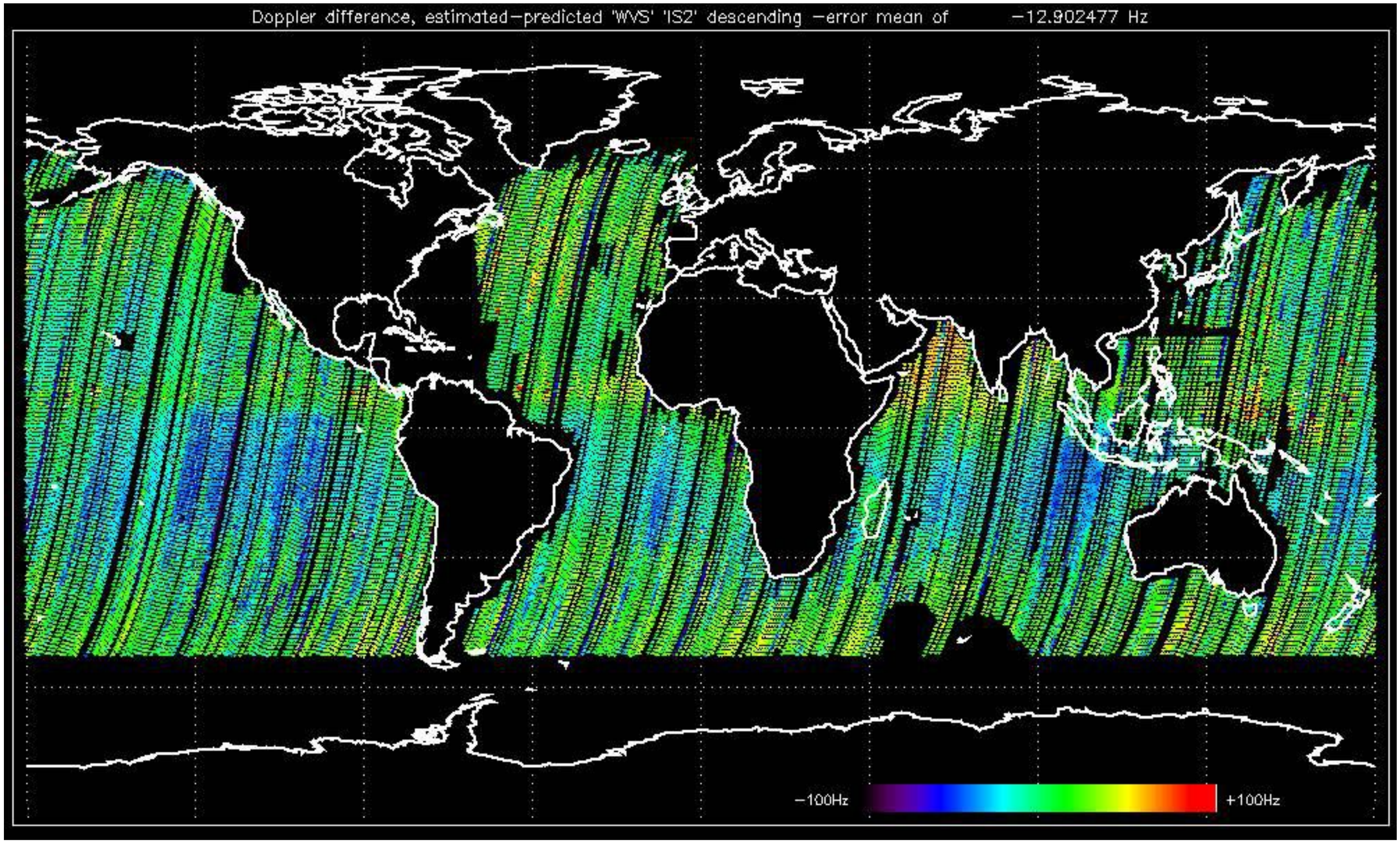

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


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
17−Sep
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −23.054432 Hz
−100Hz
+100Hz

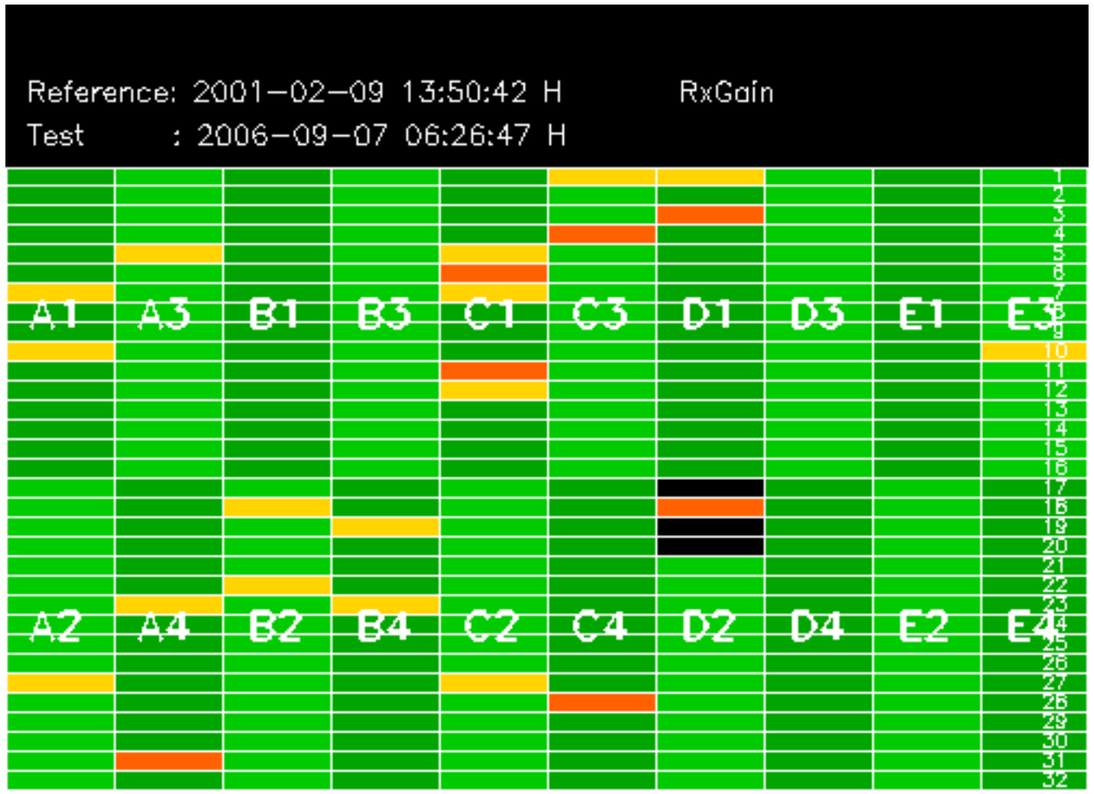

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −14.247718 Hz
−100Hz
+100Hz

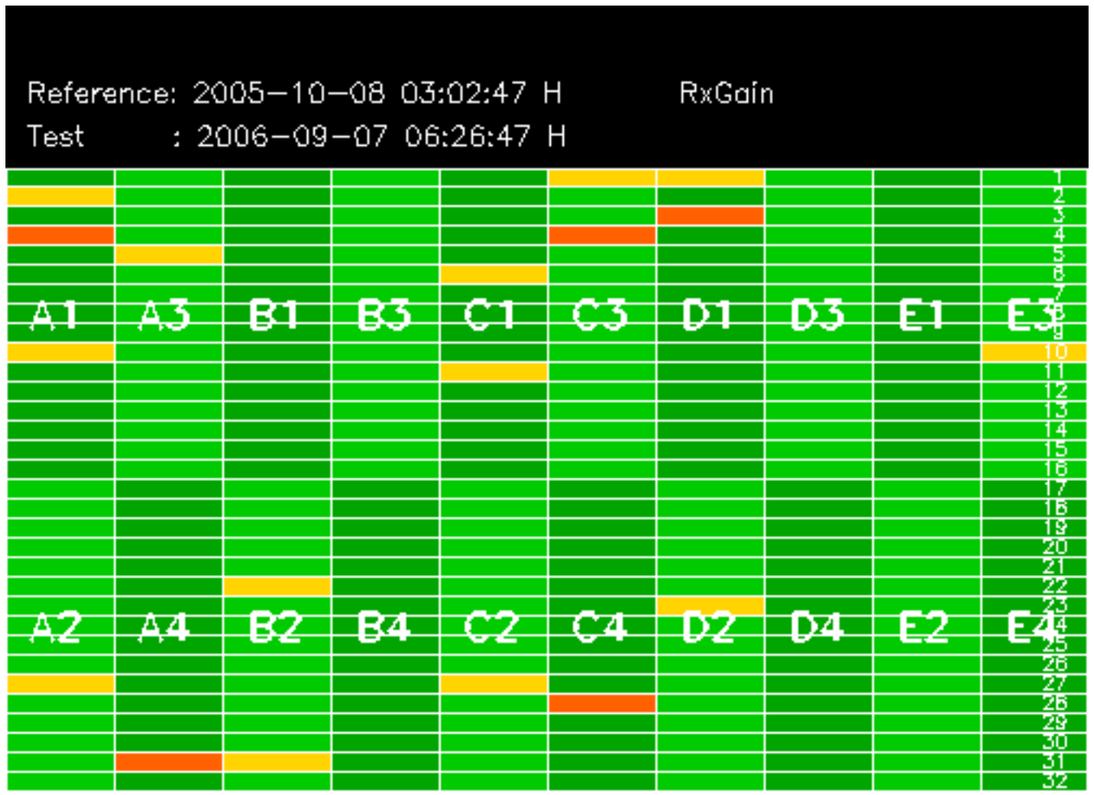

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −10.804452 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −12.902477 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-07 06:26:47 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 : 2006-09-07 06:26:47 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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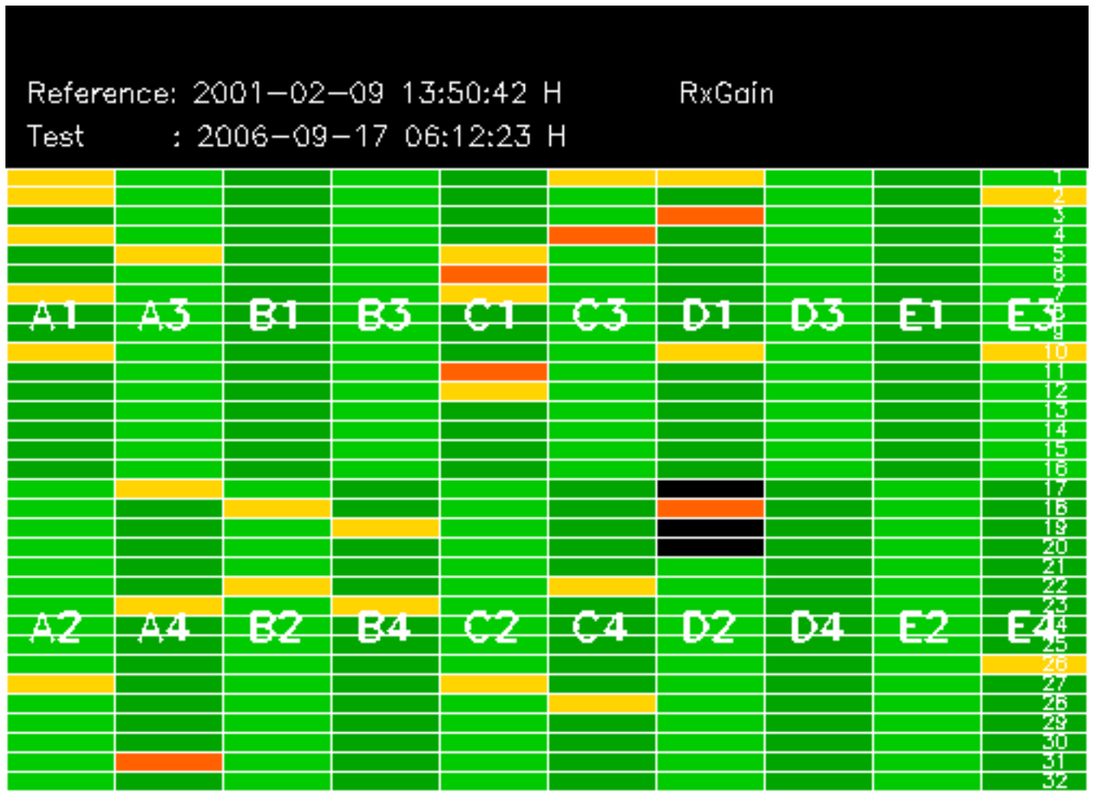
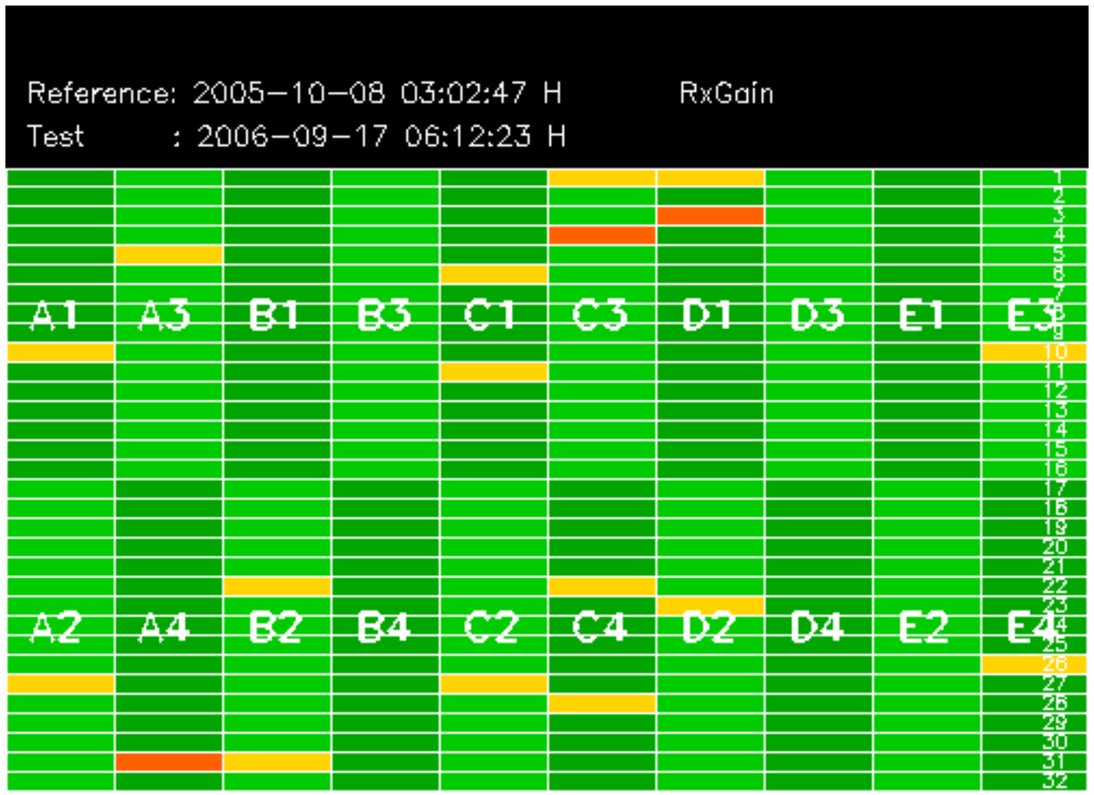

Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2006-09-17 06:12:23 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-09-17 06:12:23 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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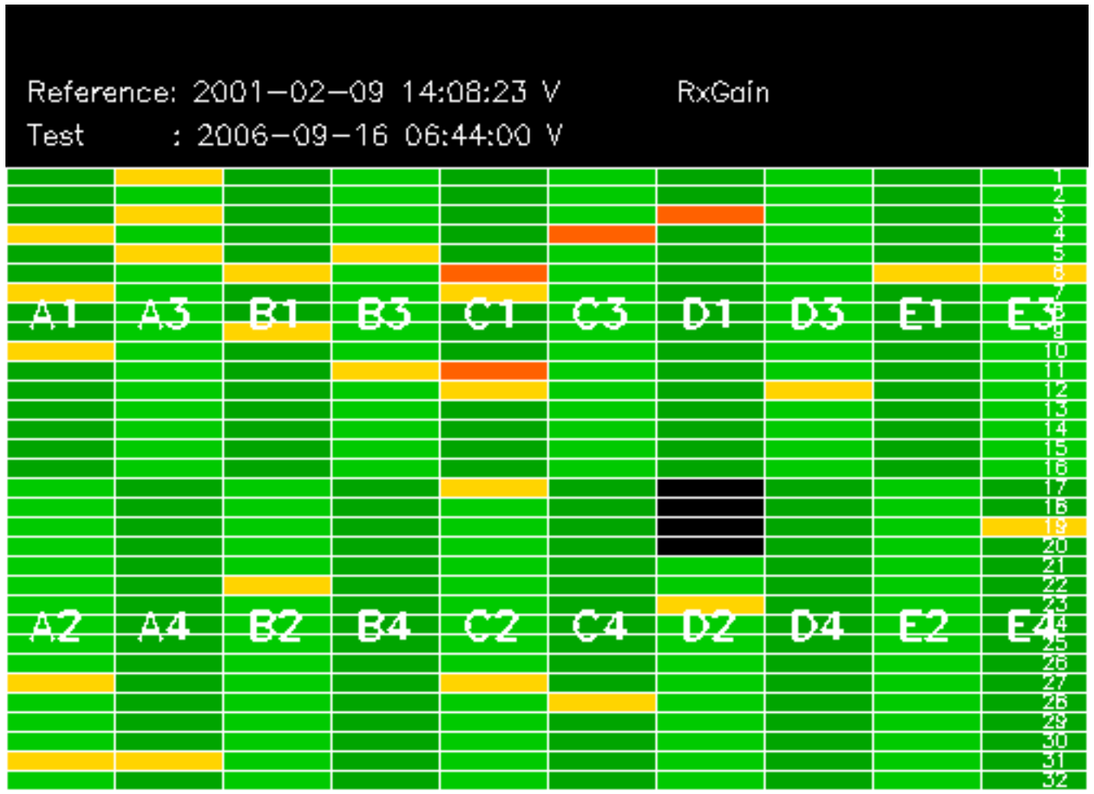
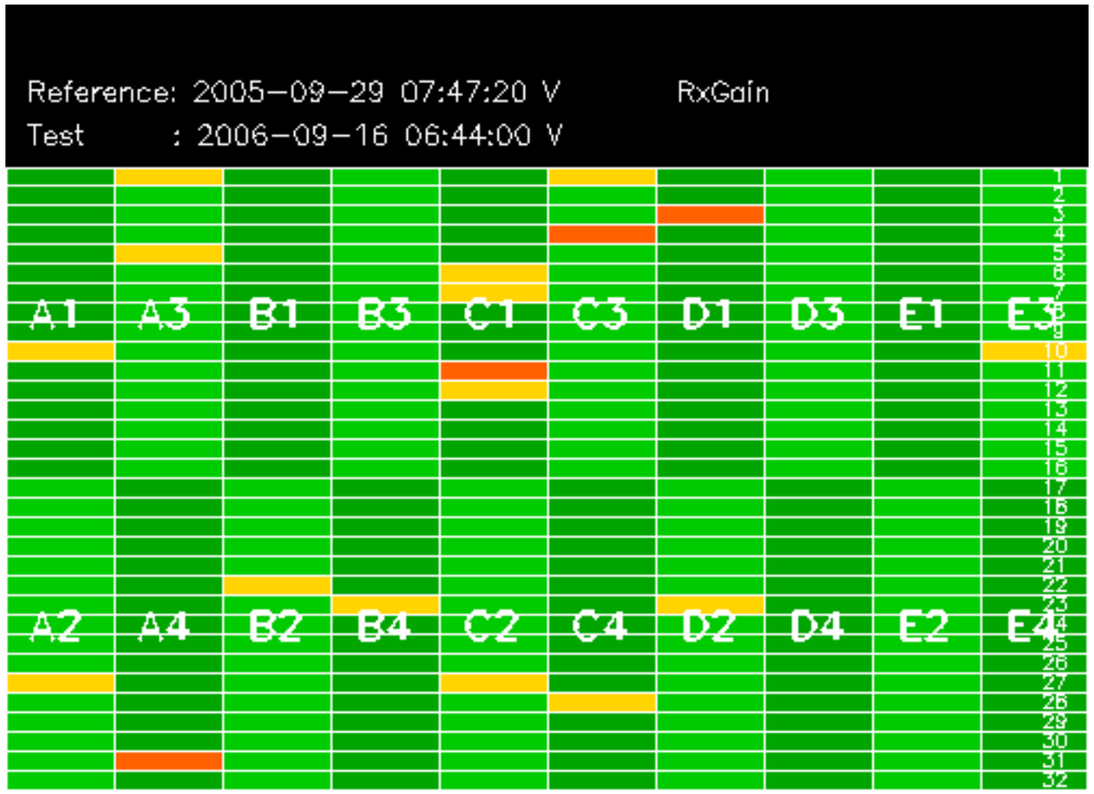

Reference: 2001-02-09 14:08:23 V
RxGain
Test : 2006-09-16 06:44:00 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-09-16 06:44:00 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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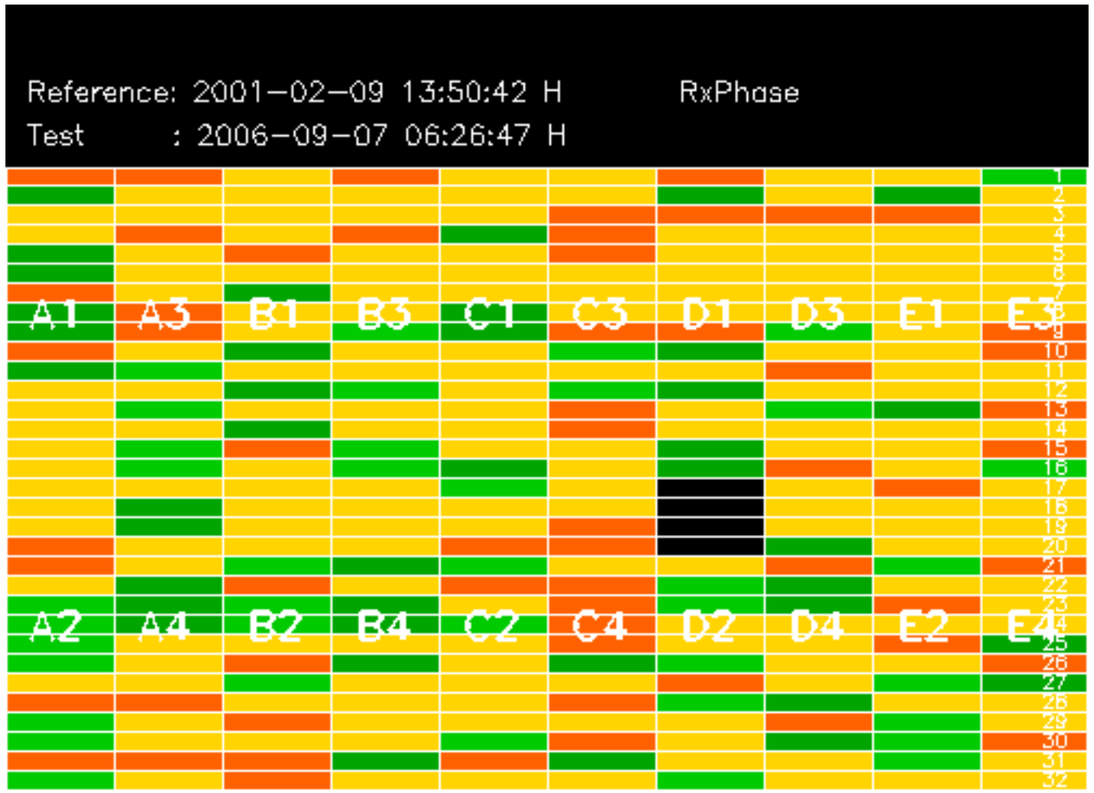
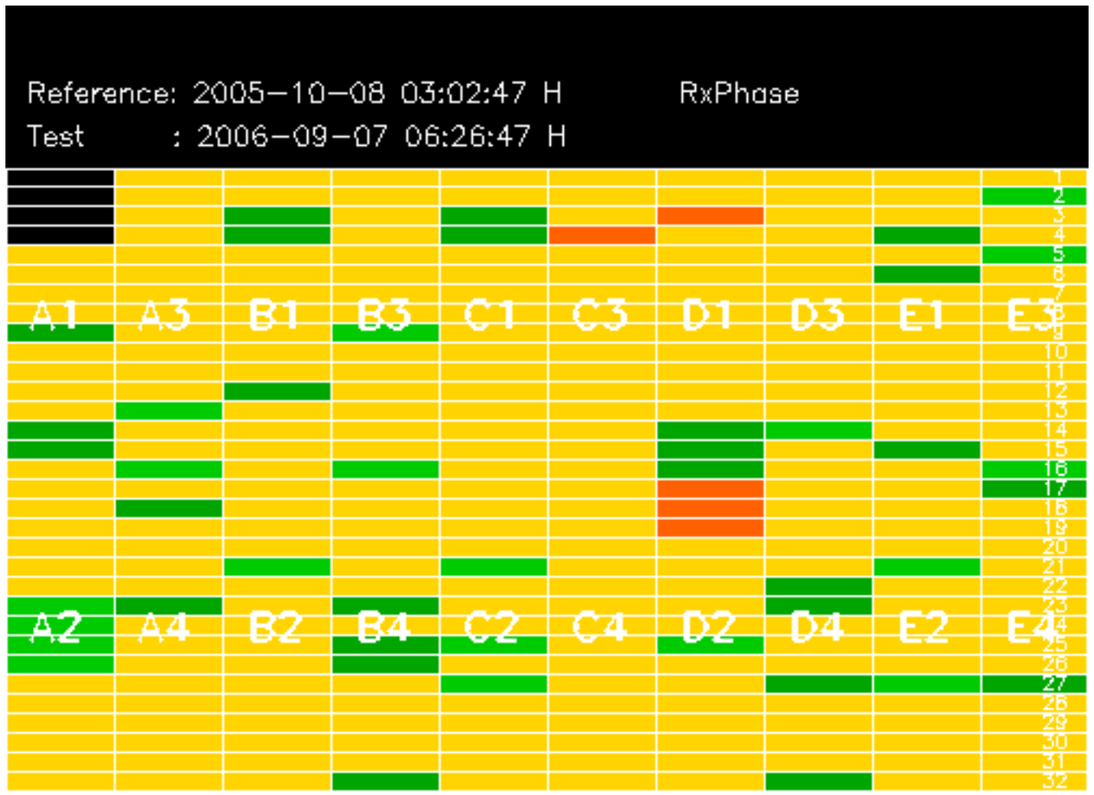
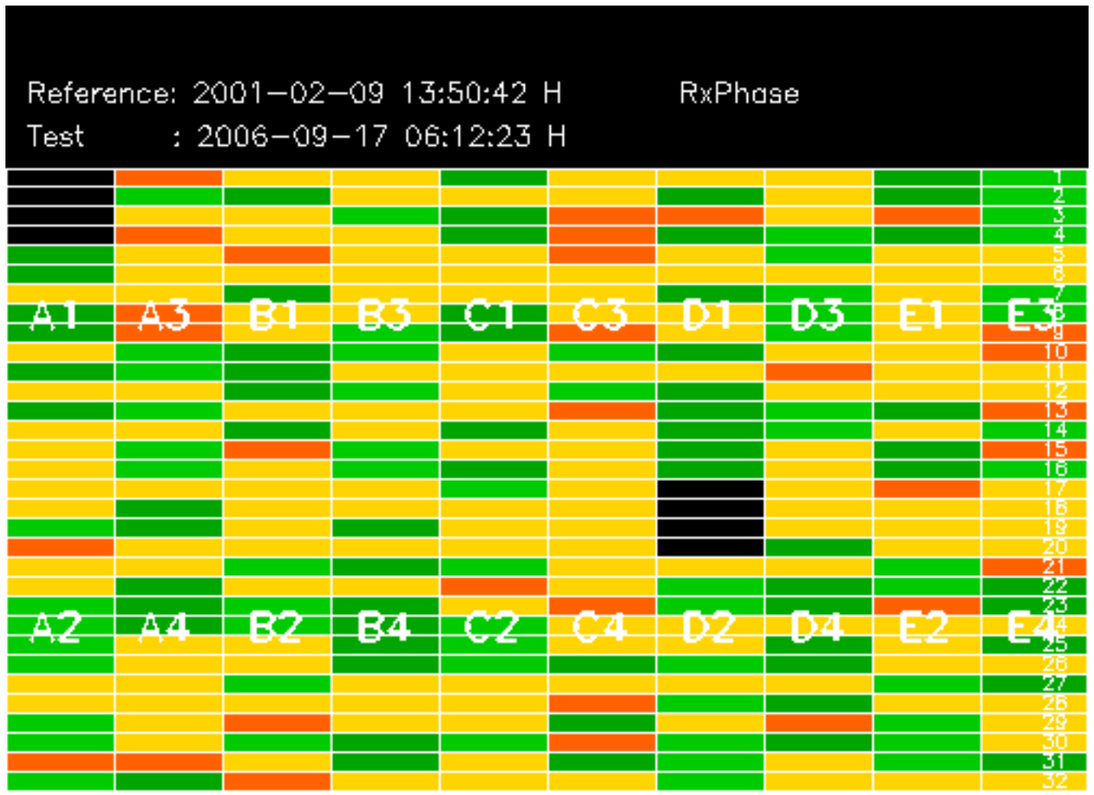
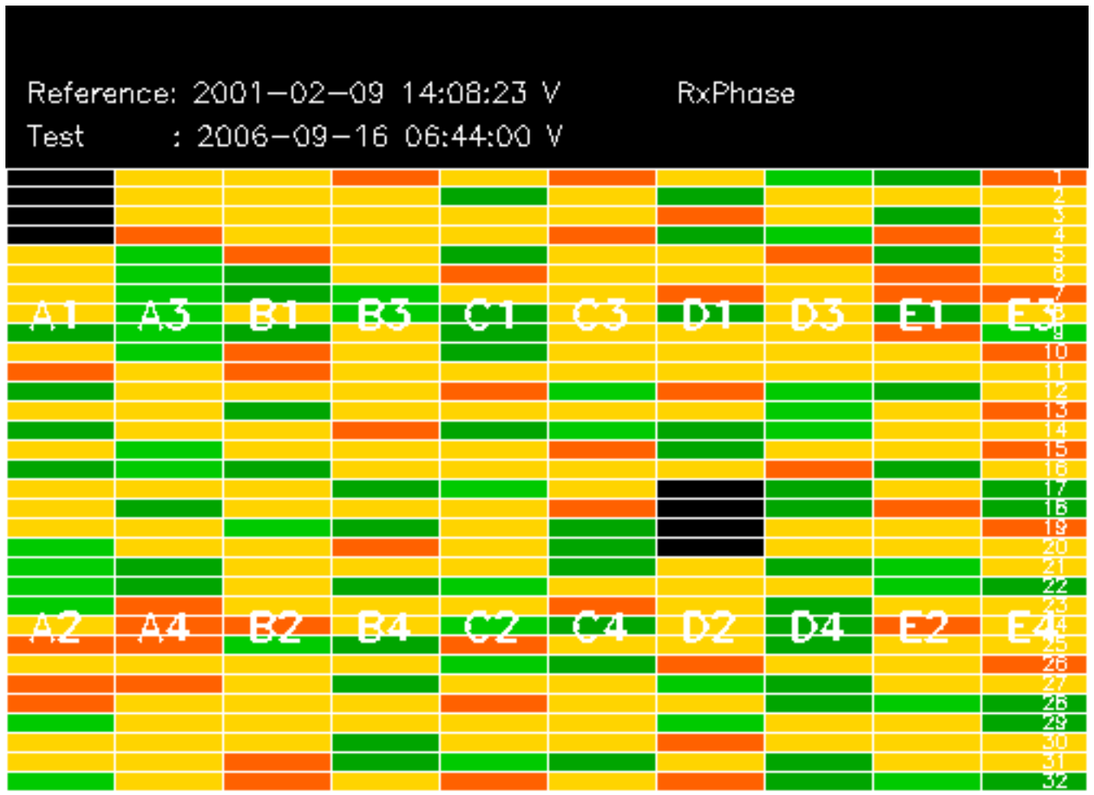
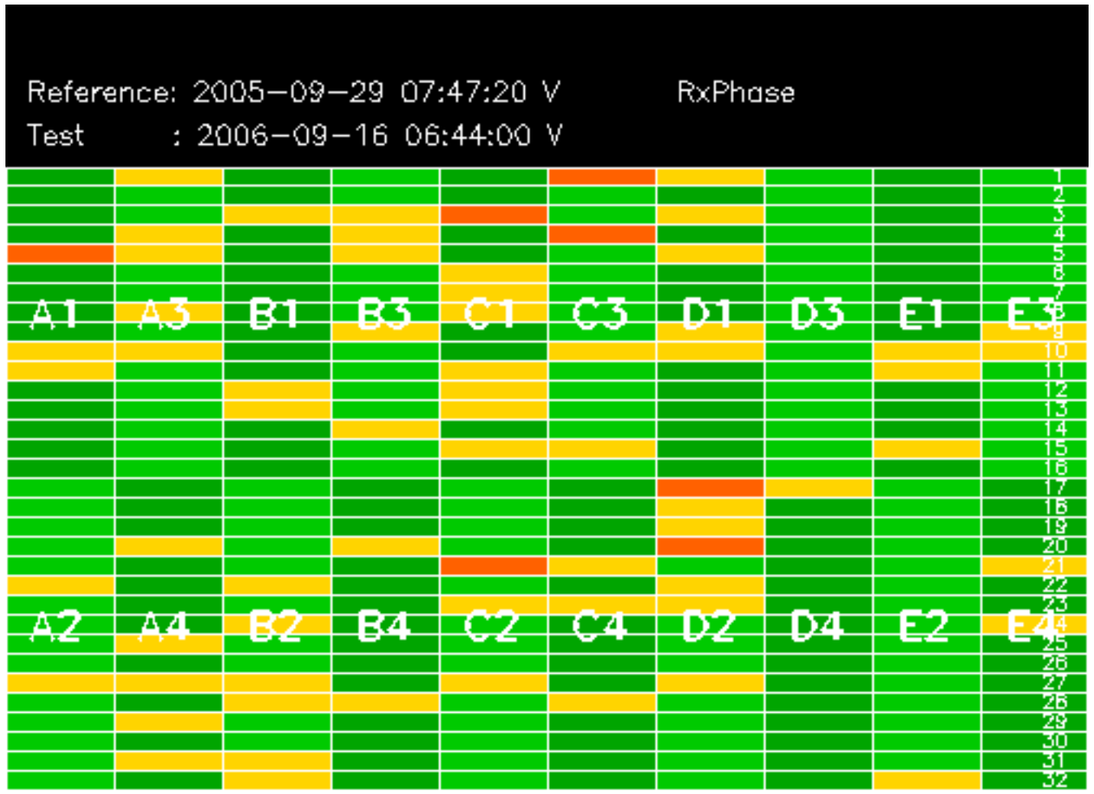

Reference: 2001-02-09 13:50:42 H
Test : 2006-09-07 06:26:47 H
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-09-07 06:26:47 H
RxPhase
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 : 2006-09-17 06:12:23 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-09-17 06:12:23 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 14:08:23 V
Test : 2006-09-16 06:44:00 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-09-16 06:44:00 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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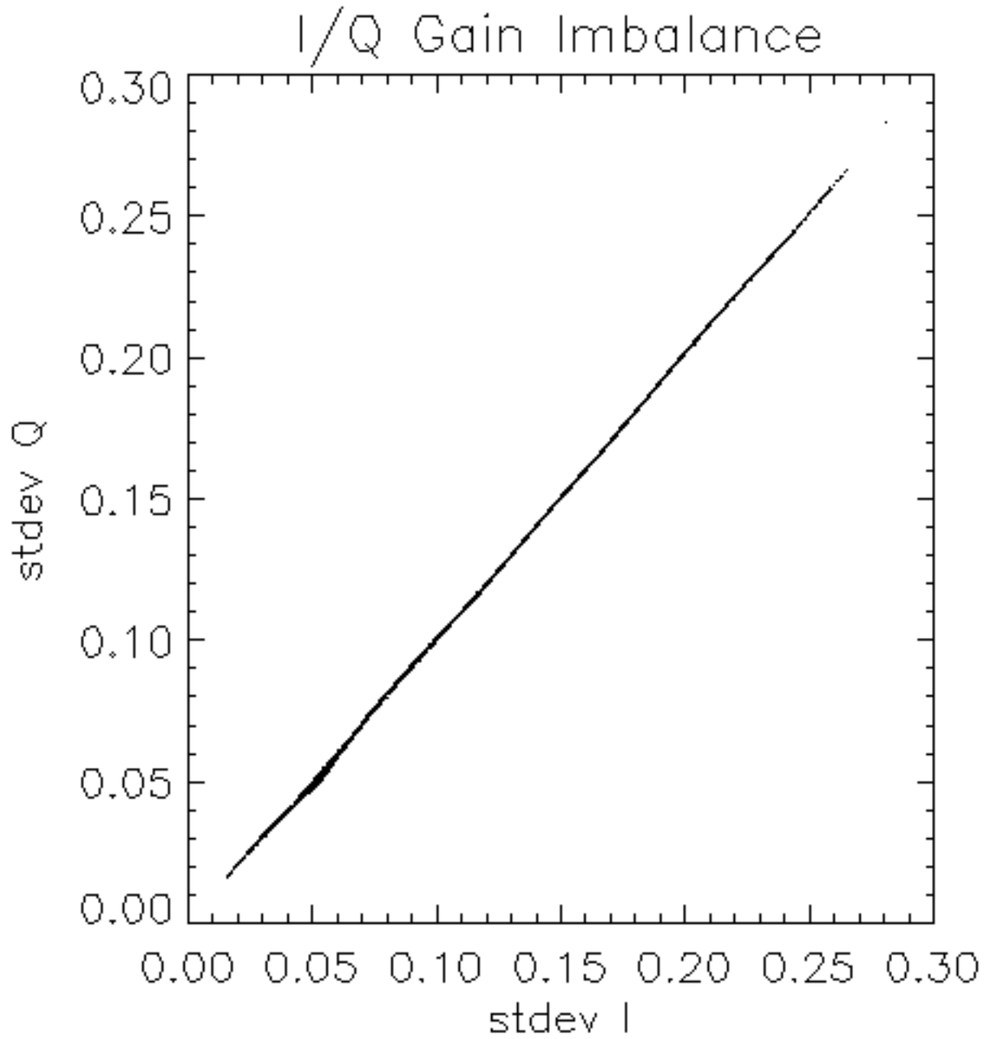
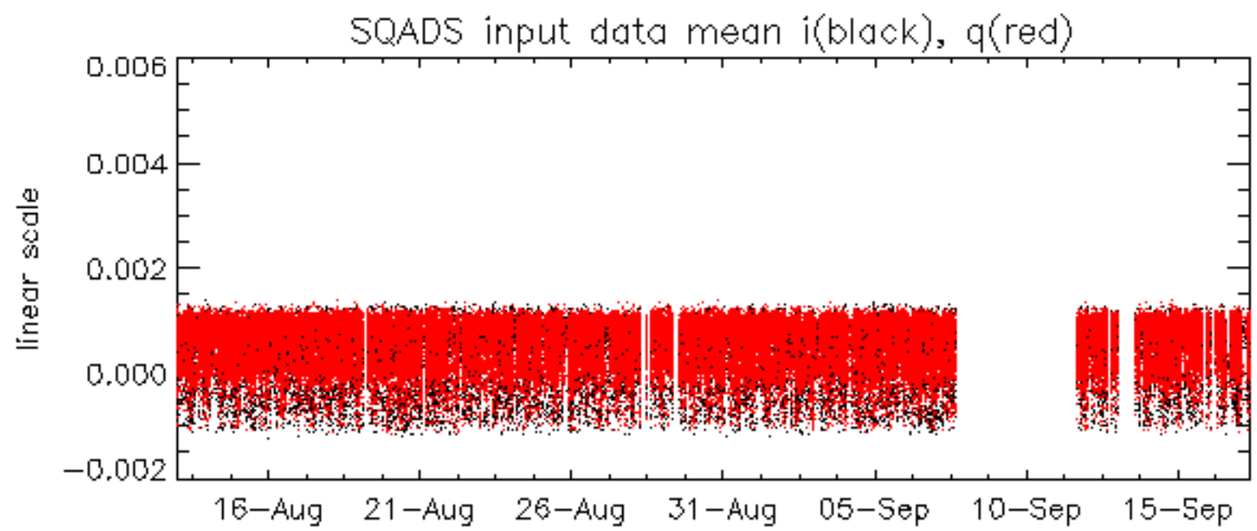
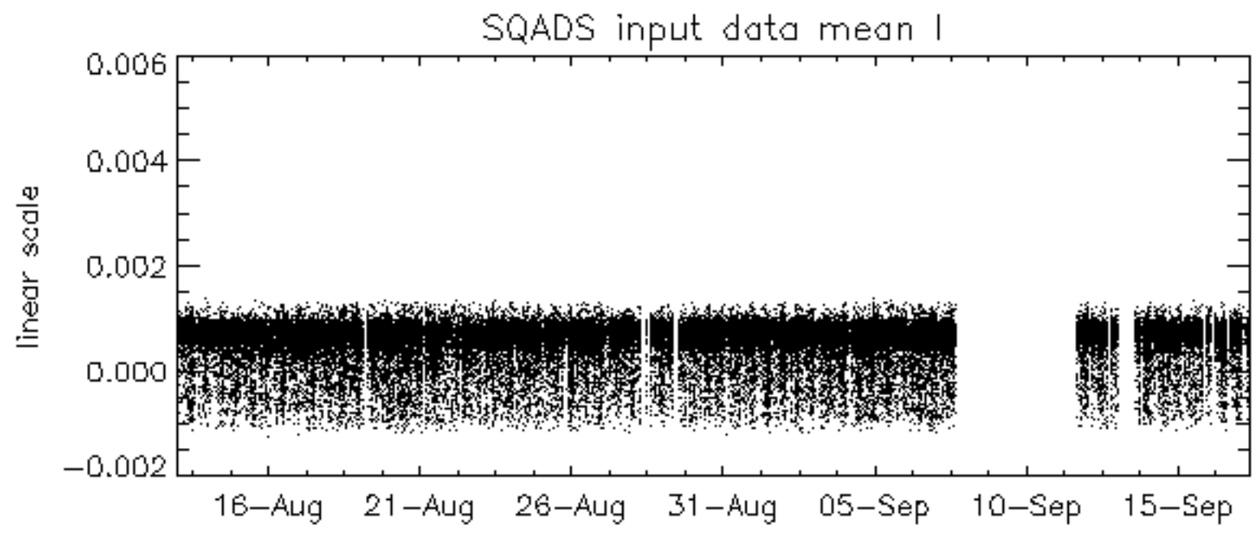
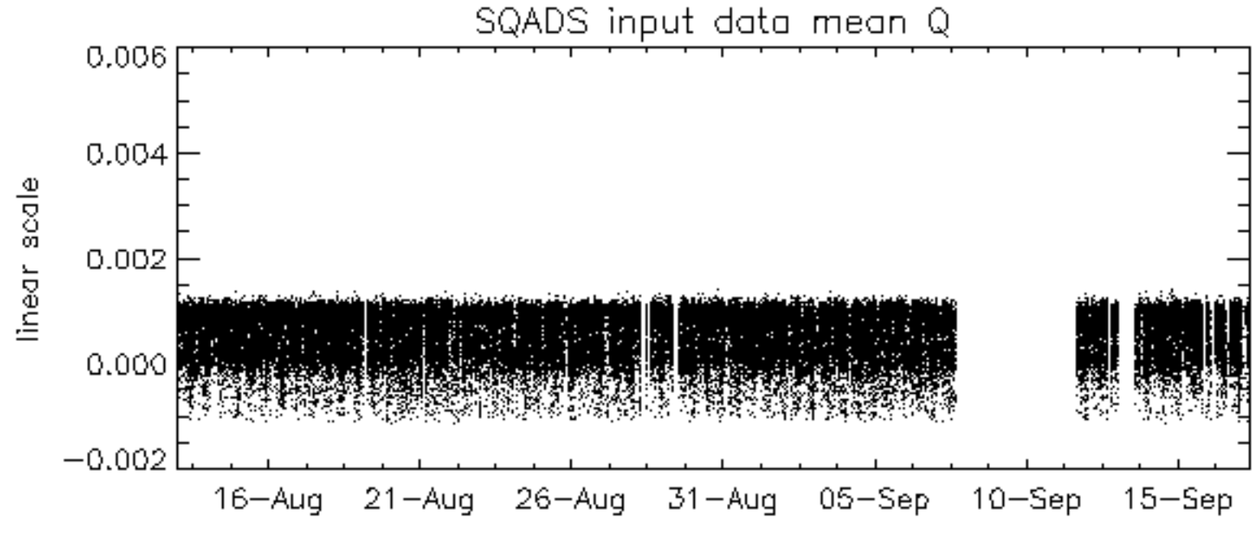
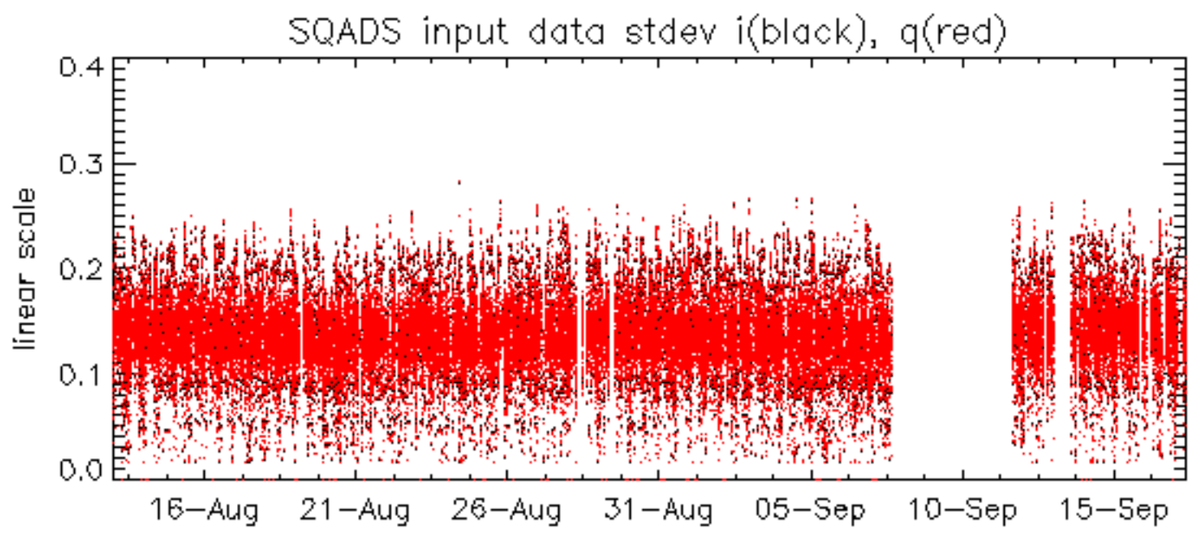
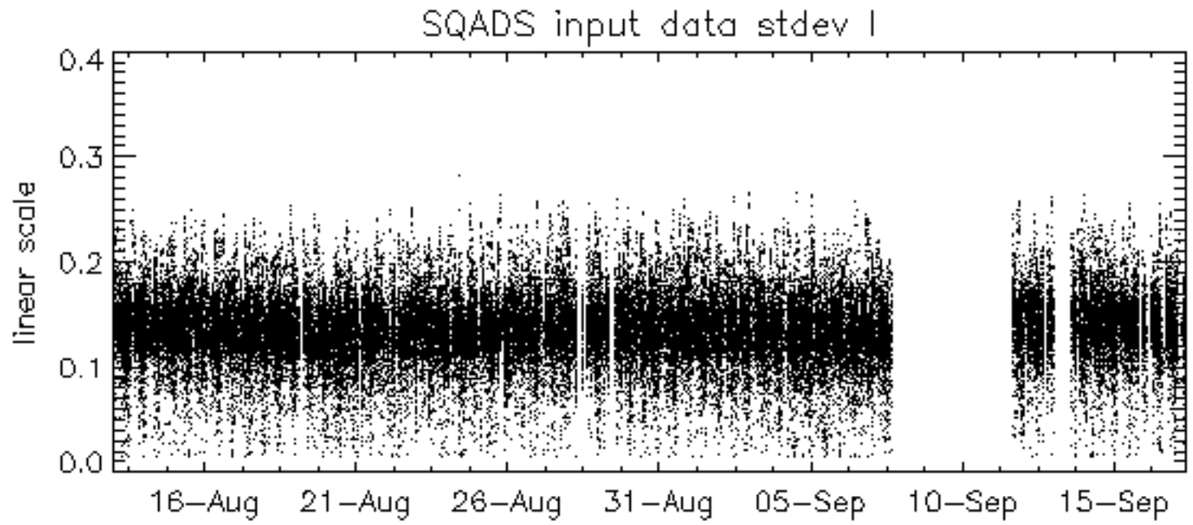

I/Q Gain Imbalance
0.30
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00 0.05 0.10 0.15 0.20 0.25 0.30
stdev I

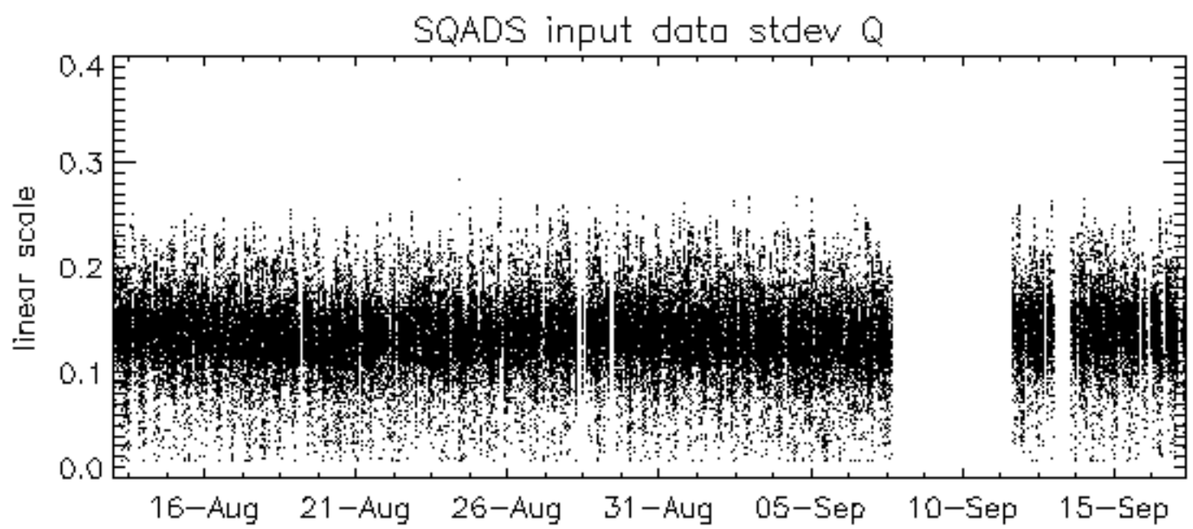

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Aug
21−Aug
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep

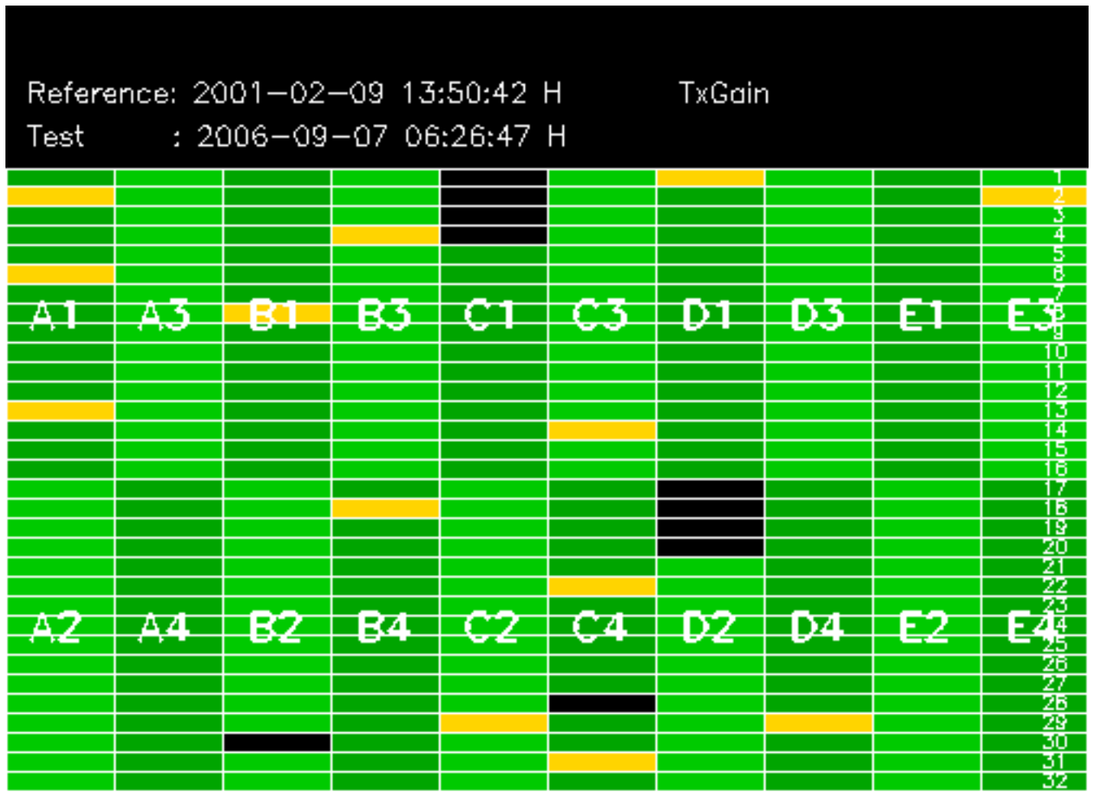

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Aug
21−Aug
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep


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


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


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
16−Aug
21−Aug
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
16−Aug
21−Aug
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-07 06:26:47 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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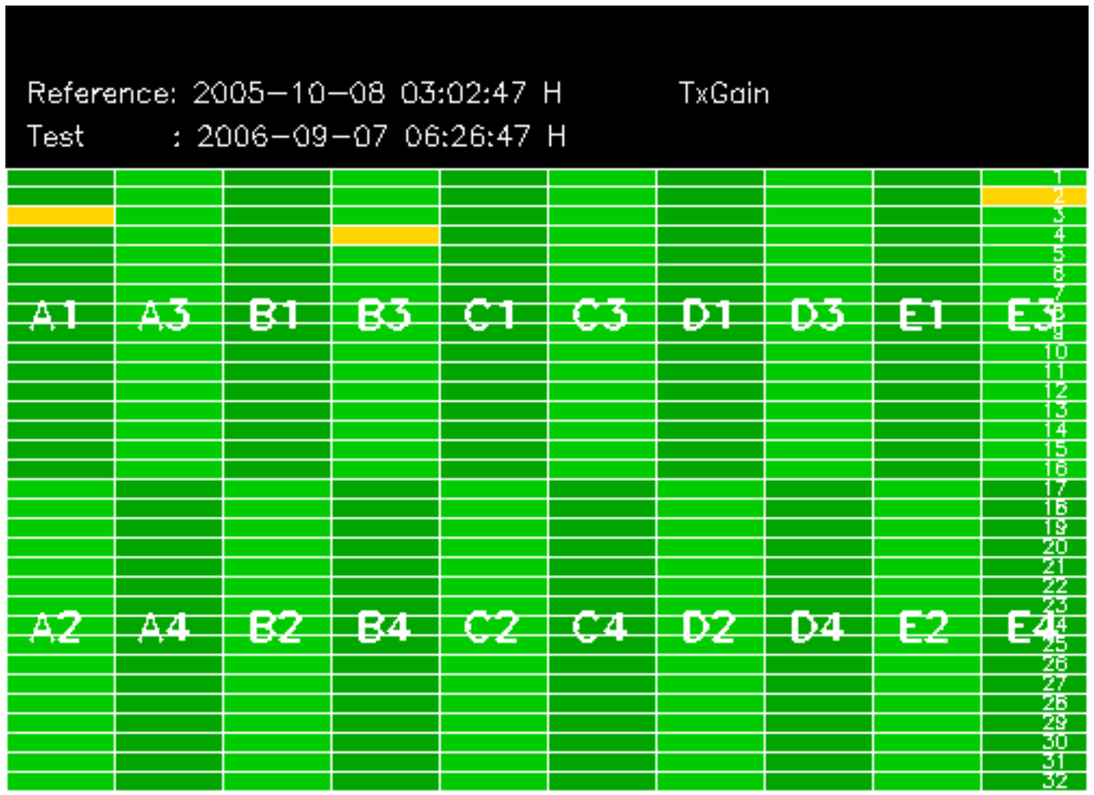
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-07 06:26:47 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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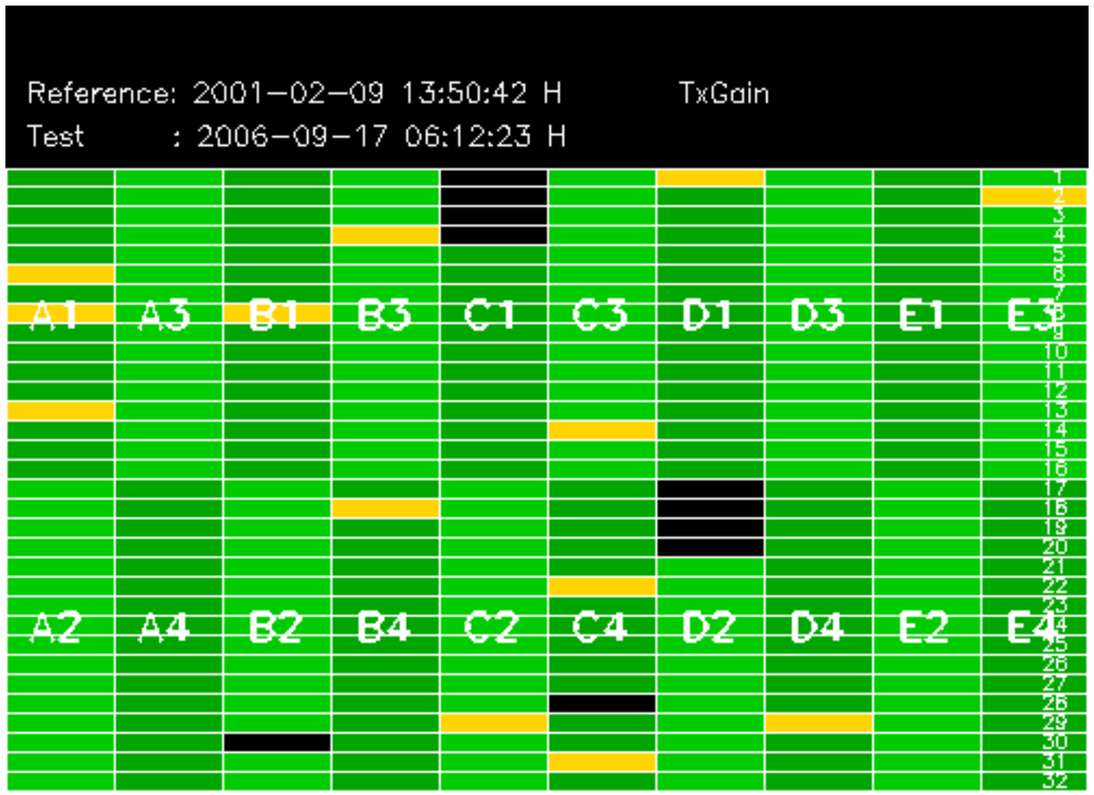
Reference: 2001-02-09 13:50:42 H
Test : 2006-09-17 06:12:23 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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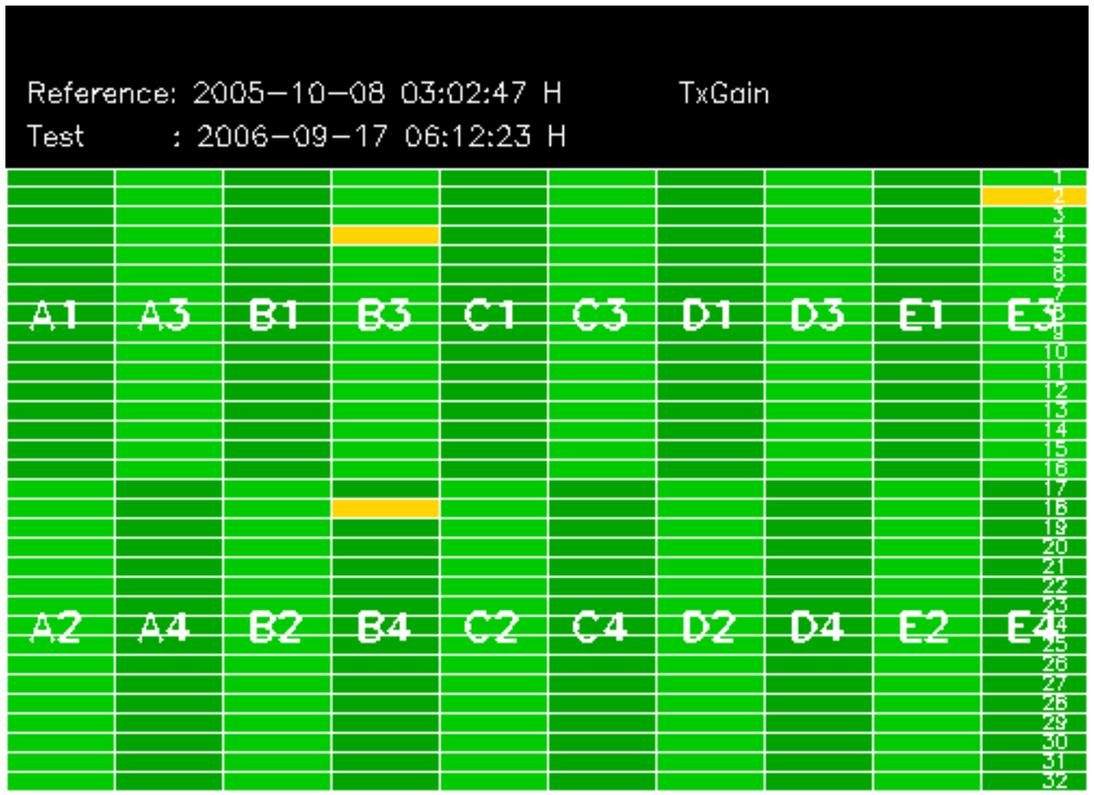
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-17 06:12:23 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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Reference: 2001-02-09 14:08:23 V
Test : 2006-09-16 06:44:00 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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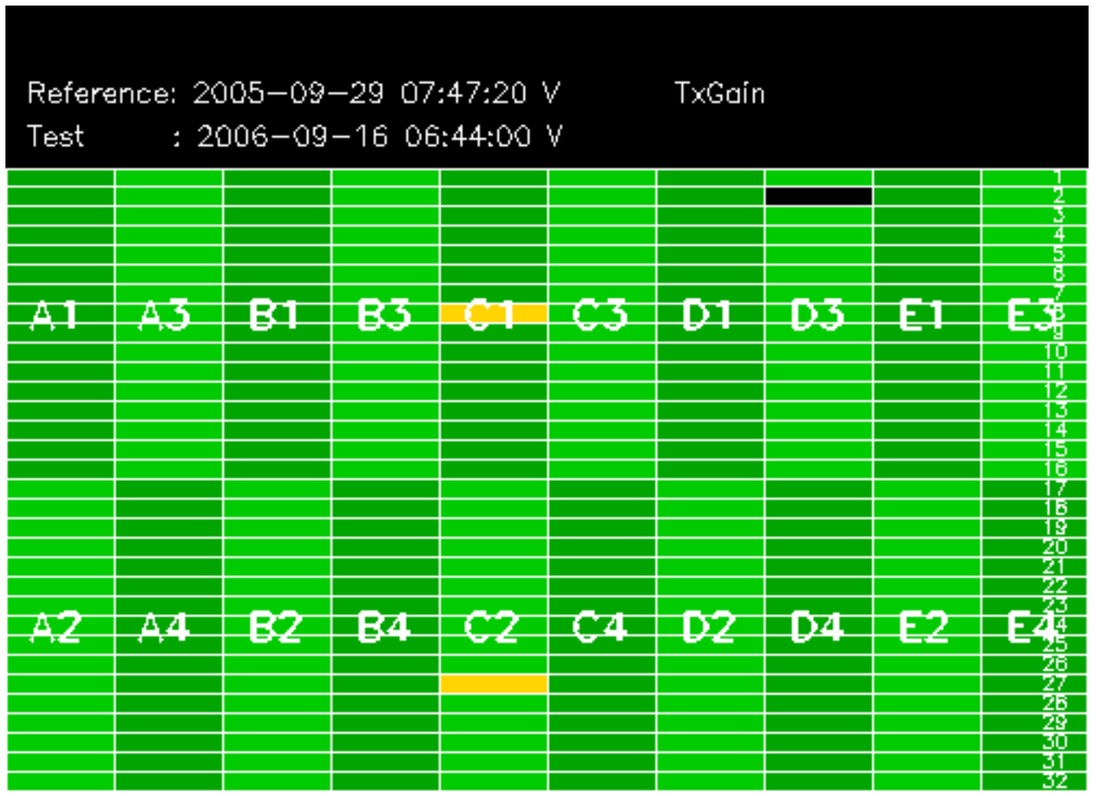
Reference: 2005-09-29 07:47:20 V
Test : 2006-09-16 06:44:00 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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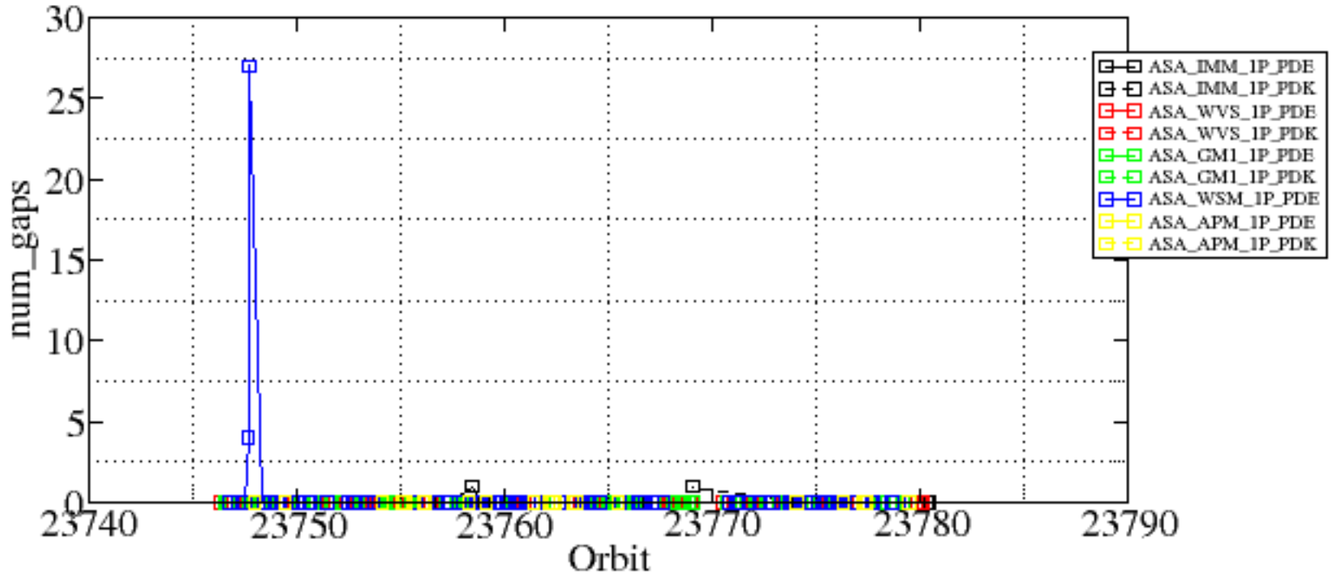
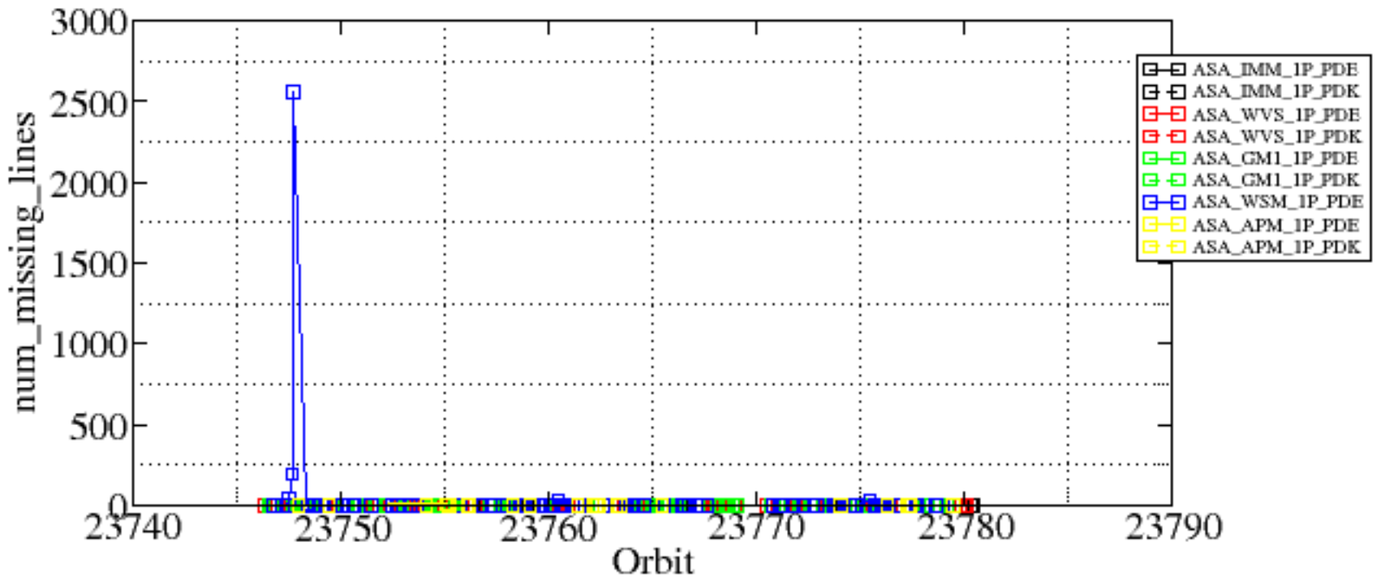
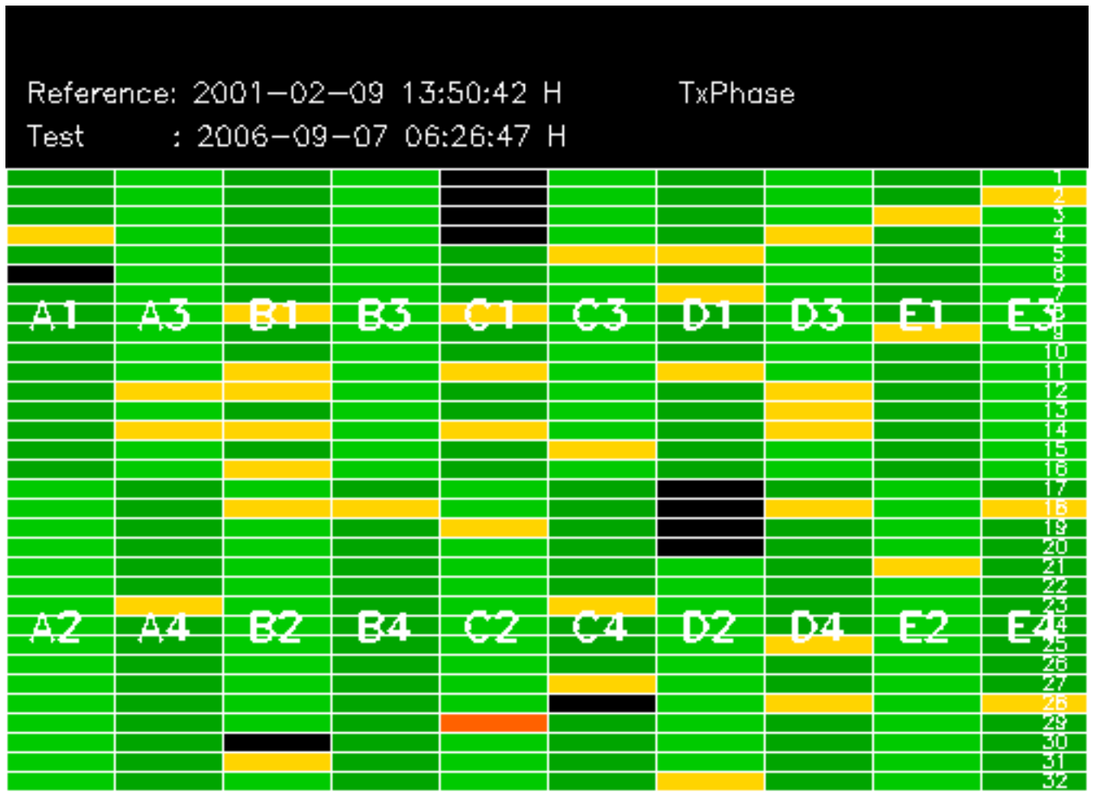
Summary of analysis for the last 3 days 2006091[567]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20060915_201740_000000362051_00157_23758_5807.N1	1	0
ASA_IMM_1PNPDK20060916_140527_000000392051_00168_23769_1904.N1	1	0
ASA_WSM_1PNPDE20060915_015531_000001282051_00146_23747_2075.N1	0	39
ASA_WSM_1PNPDE20060915_021350_000000672051_00146_23747_2061.N1	4	196
ASA_WSM_1PNPDE20060915_021500_000000362051_00146_23747_2169.N1	27	2559
ASA_WSM_1PNPDE20060915_033458_000000852051_00147_23748_2087.N1	0	7
ASA_WSM_1PNPDE20060915_234319_000003242051_00159_23760_2251.N1	0	34
ASA_WSM_1PNPDE20060917_005119_000001462051_00174_23775_2423.N1	0	34
ASA_APM_1PNPDE20060915_143623_000000892051_00154_23755_2658.N1	0	9


num_gaps
30
25
20
15
10
5
0
23740
23750
23760
23770
23780
23790
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
ASA_APM_1P_PDK


num_missing_lines
3000
2500
2000
1500
1000
500
0
23740
23750
23760
23770
23780
23790
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
ASA_APM_1P_PDK


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-07 06:26:47 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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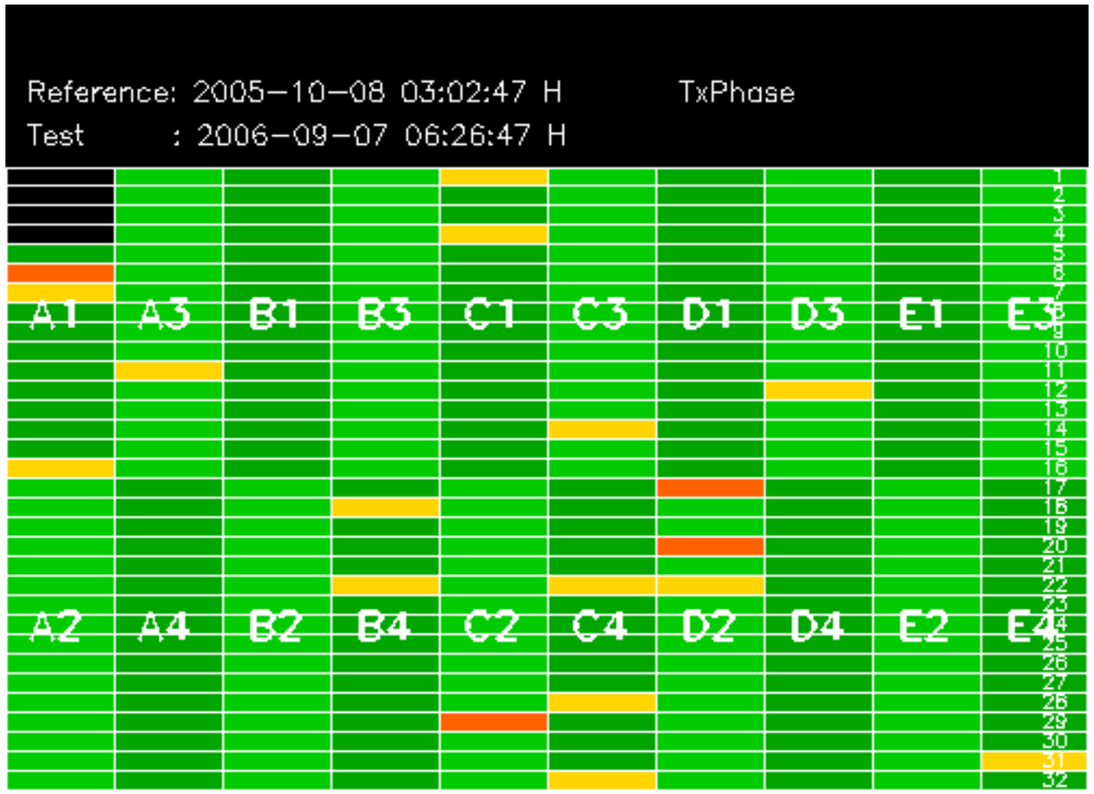
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-07 06:26:47 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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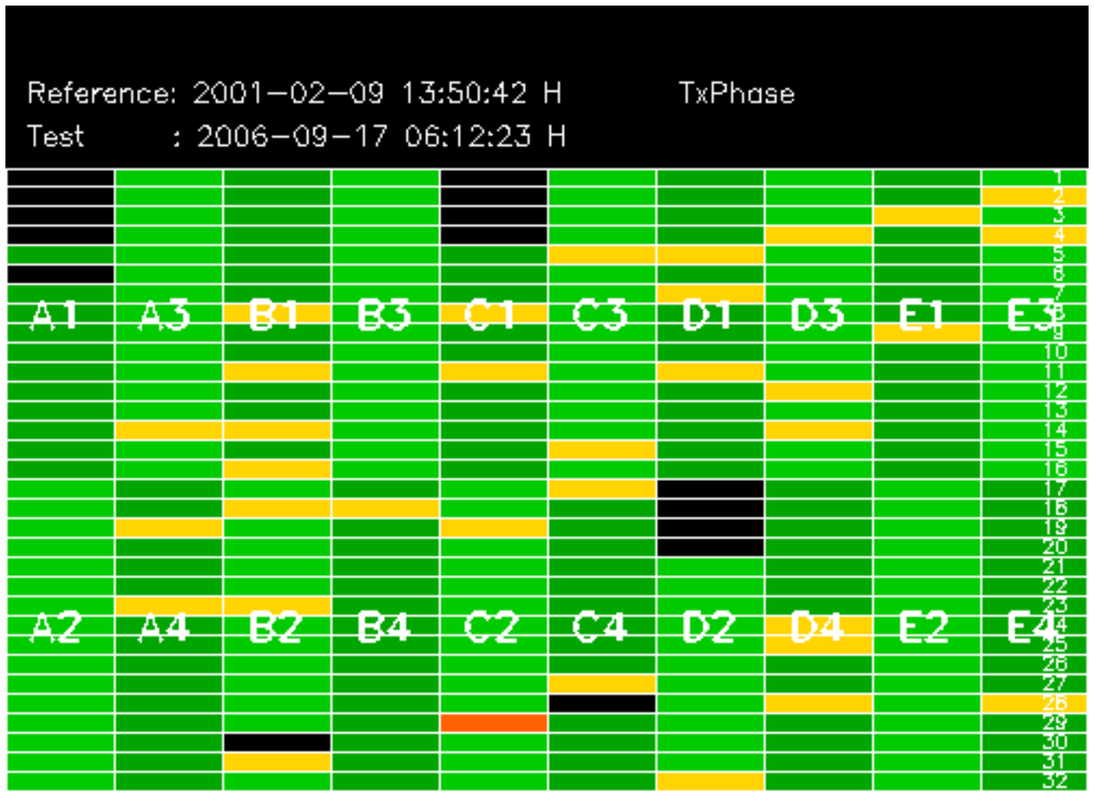
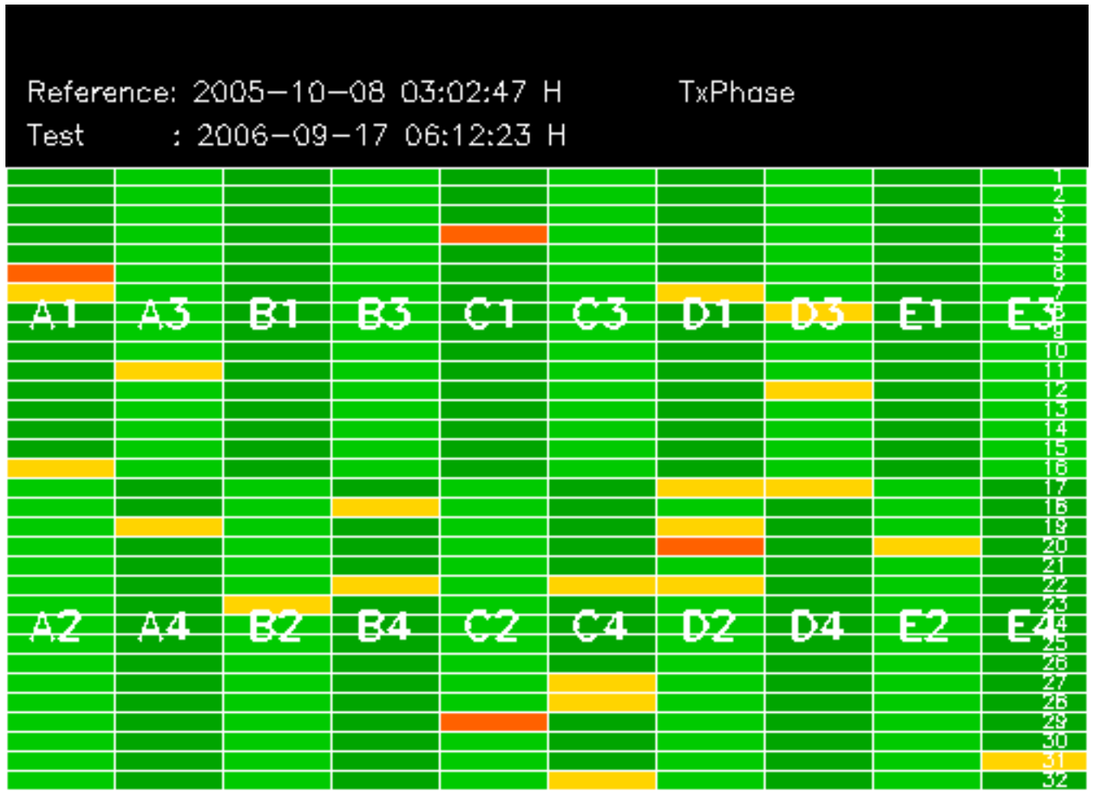
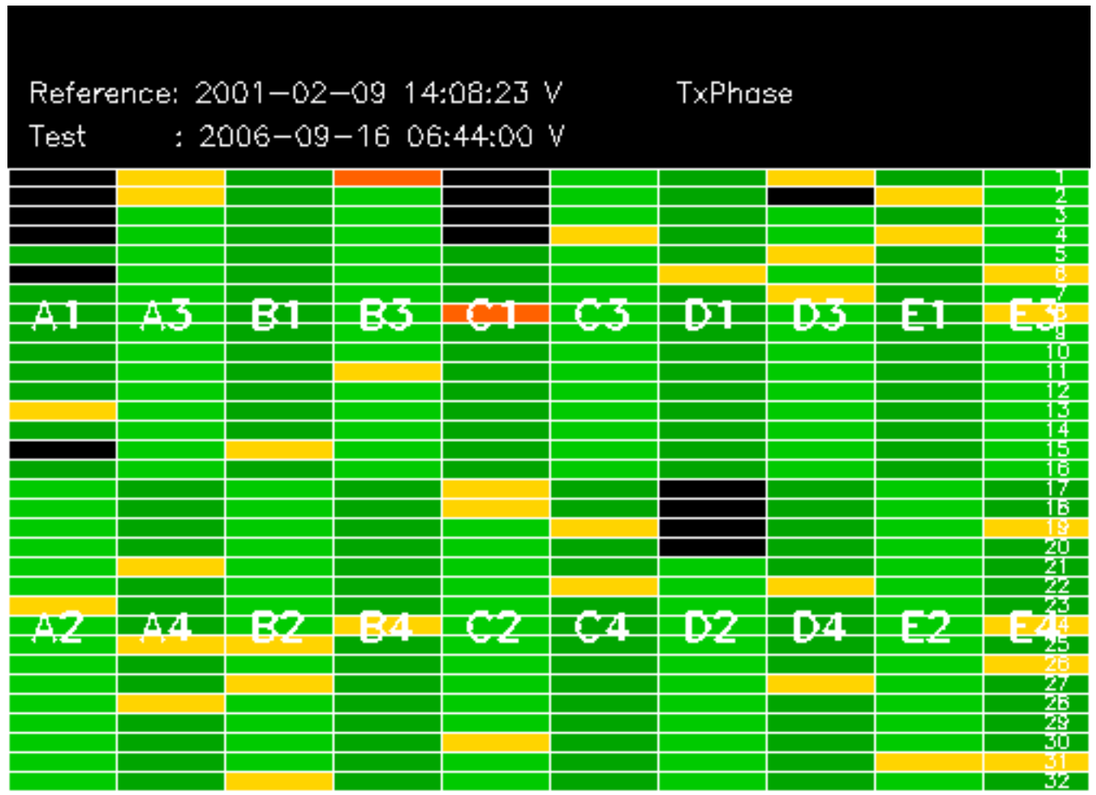

Reference: 2001-02-09 13:50:42 H
TxPhase
Test : 2006-09-17 06:12:23 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-09-17 06:12:23 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 14:08:23 V
Test : 2006-09-16 06:44:00 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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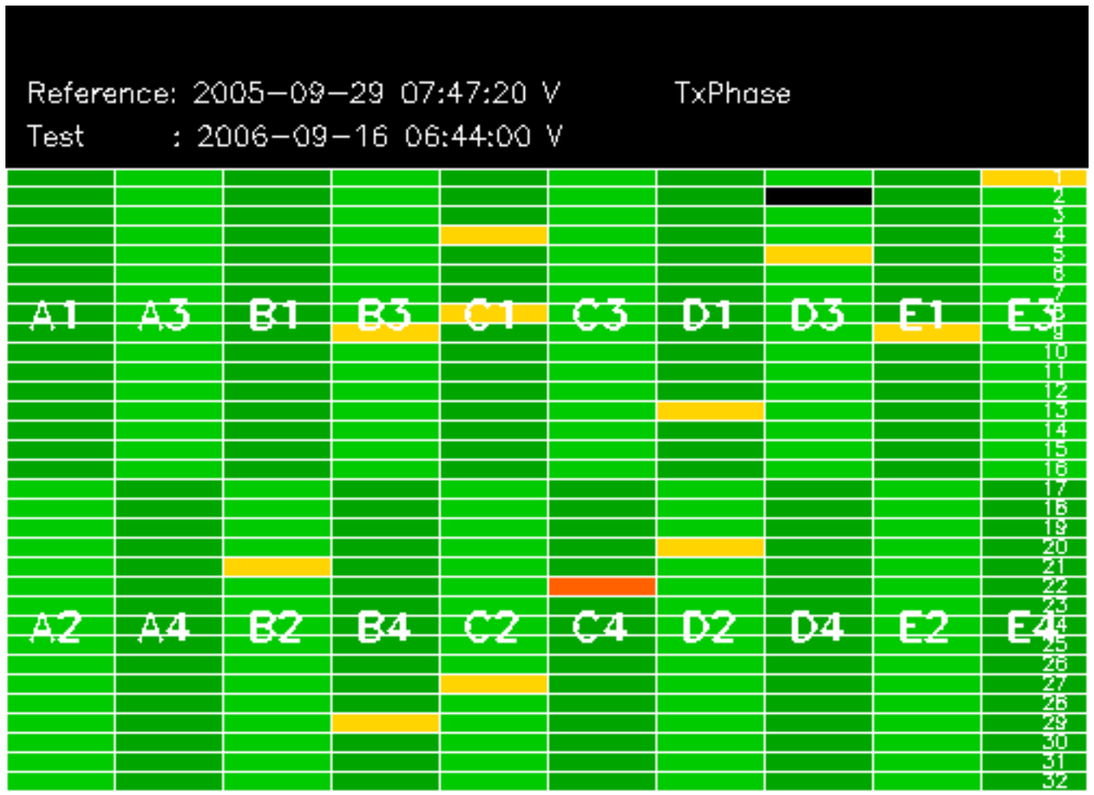
Reference: 2005-09-29 07:47:20 V
Test : 2006-09-16 06:44:00 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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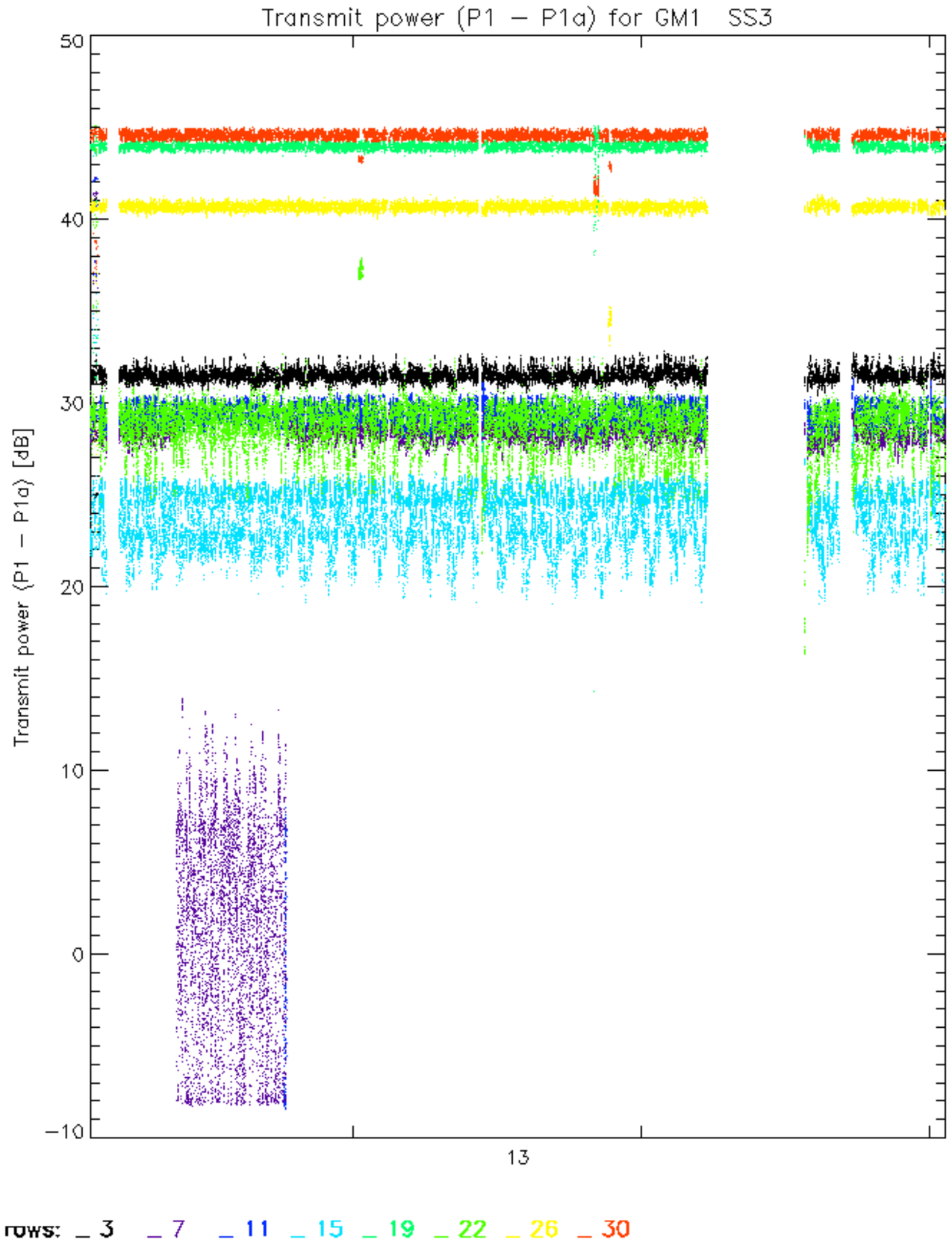
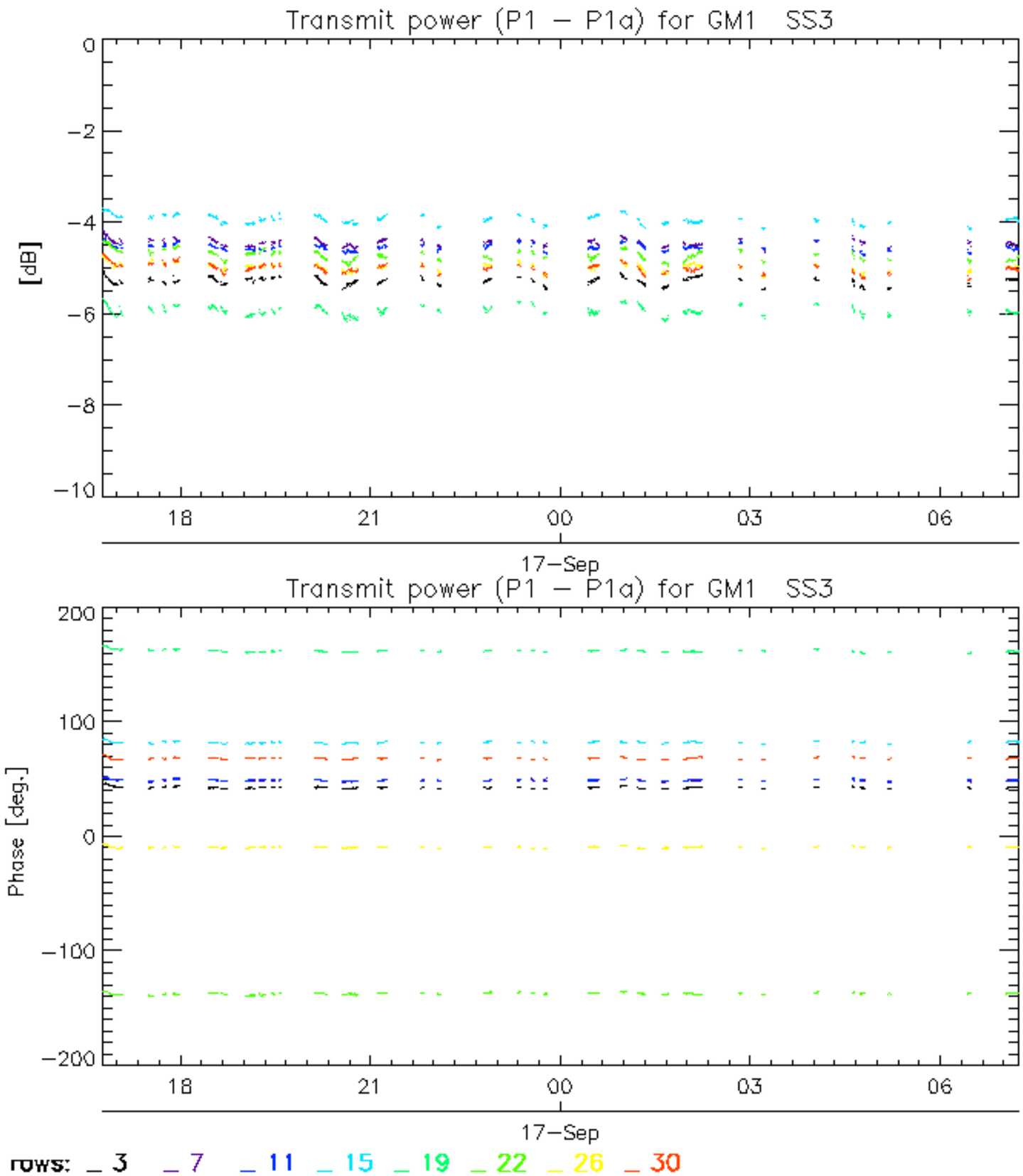
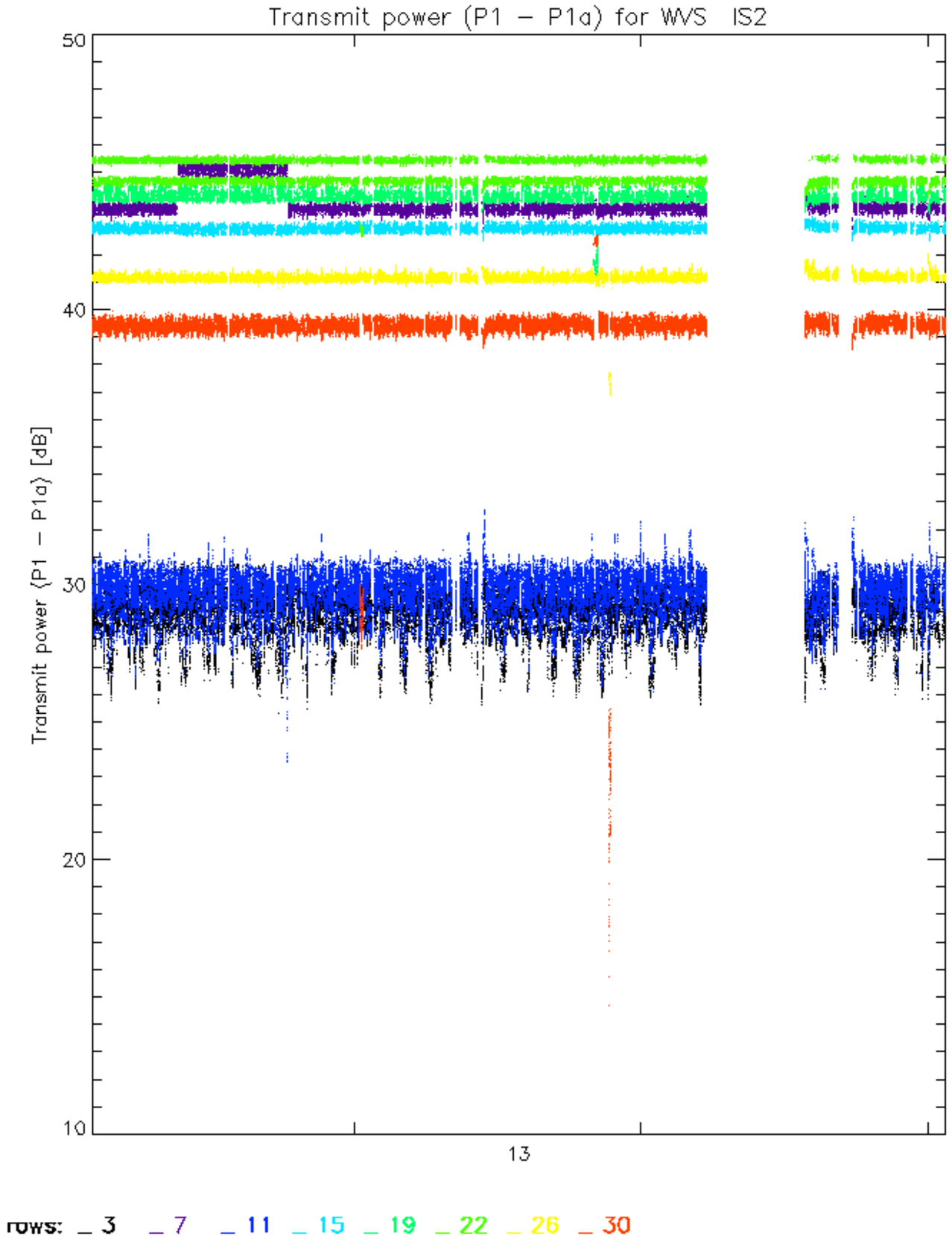
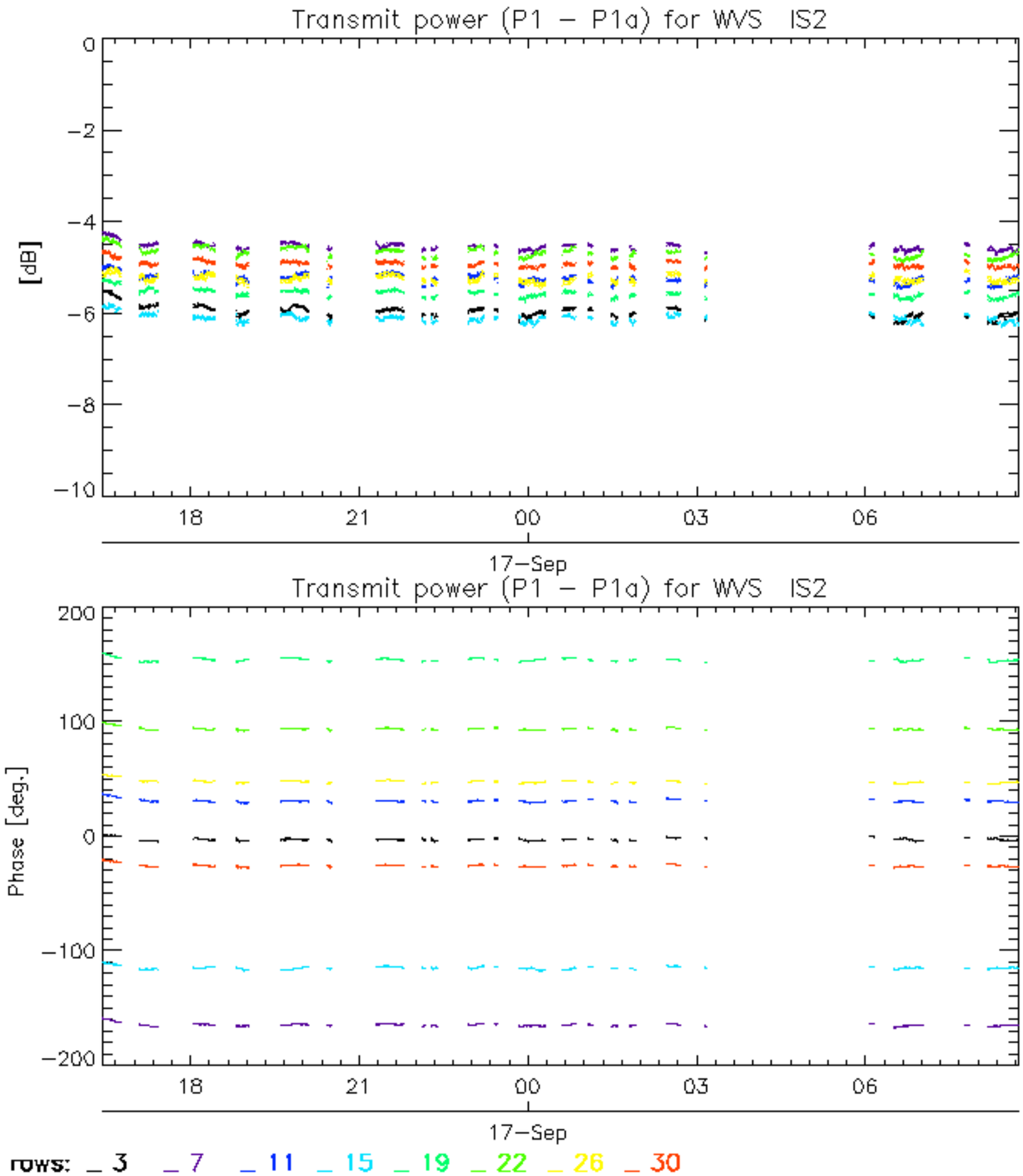

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
13
rows: 3 7 11 15 19 22 26 30


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


Transmit power (P1 – P1a) for WVS IS2
50
40
30
20
10
Transmit power (P1 – P1a) [dB]
13
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
17–Sep
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
17–Sep
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.