PRELIMINARY REPORT OF 060925

last update on Mon Sep 25 16:38:43 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 2006-09-24 00:00:00 to 2006-09-25 16:38:43

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

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	26	19	6	5	0
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	26	19	6	5	0
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	26	19	6	5	0
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	26	19	6	5	0

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	33	53	25	13	27
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	33	53	25	13	27
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	33	53	25	13	27
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	33	53	25	13	27

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	20060922 033419
H	20060925 015929

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
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P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.942786	0.009968	-0.017617
7	P1	-3.068446	0.010175	-0.013423
11	P1	-4.063237	0.018937	-0.026660
15	P1	-6.185401	0.015691	-0.025171
19	P1	-3.532437	0.050573	-0.042037
22	P1	-4.575716	0.028667	-0.092469
26	P1	-3.955445	0.019051	-0.043357
30	P1	-5.805892	0.155307	-0.079083
3	P1	-16.610041	0.251121	-0.048426
7	P1	-17.107450	0.108278	-0.024252
11	P1	-16.804171	0.341303	-0.083798
15	P1	-12.888847	0.103979	0.084049
19	P1	-14.646320	0.464089	-0.093461
22	P1	-15.682732	0.564459	-0.089972
26	P1	-15.223386	0.204234	-0.003954
30	P1	-16.938822	0.393758	-0.126814

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-20.818888	0.084539	0.019541
7	P2	-21.845146	0.097121	0.061143
11	P2	-15.746310	0.108142	0.005151
15	P2	-7.094173	0.101181	-0.008531
19	P2	-9.122200	0.092979	-0.037924
22	P2	-18.125053	0.089008	-0.033076
26	P2	-16.413681	0.096145	-0.059282
30	P2	-19.471697	0.091045	-0.022924

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.183657	0.005436	-0.035332
7	P3	-8.183657	0.005436	-0.035332
11	P3	-8.183657	0.005436	-0.035332
15	P3	-8.183657	0.005436	-0.035332
19	P3	-8.183657	0.005436	-0.035332
22	P3	-8.183657	0.005436	-0.035332
26	P3	-8.183630	0.005435	-0.035222
30	P3	-8.183630	0.005435	-0.035222

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	-3.852332	0.010102	-0.044303
7	P1	-2.544058	0.018830	0.003740
11	P1	-2.885966	0.018963	-0.019545
15	P1	-3.657266	0.029786	-0.028675
19	P1	-3.468786	0.078473	-0.014938
22	P1	-5.097023	0.035993	-0.044143
26	P1	-5.873271	0.025512	-0.033839
30	P1	-5.205109	0.078907	-0.058996
3	P1	-11.641912	0.048641	-0.040313
7	P1	-10.000375	0.056318	-0.068261
11	P1	-10.350212	0.062068	-0.057253
15	P1	-10.857475	0.149933	0.040308
19	P1	-15.695291	3.599674	0.116563
22	P1	-20.805565	1.703304	-0.476582
26	P1	-15.931190	0.384771	0.022286
30	P1	-18.056702	0.812358	-0.266872

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.406202	0.054683	0.023644
7	P2	-22.189421	0.090897	0.062593
11	P2	-10.900302	0.042452	-0.012127
15	P2	-4.860698	0.036939	-0.018796
19	P2	-6.848882	0.037871	-0.032425
22	P2	-8.158477	0.032825	-0.023934
26	P2	-24.173847	0.060741	-0.051991
30	P2	-21.961697	0.048008	-0.018247

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.030005	0.004022	-0.049277
7	P3	-8.029882	0.004018	-0.049203
11	P3	-8.029885	0.004031	-0.049441
15	P3	-8.029882	0.004047	-0.049501
19	P3	-8.029982	0.004044	-0.049195
22	P3	-8.030035	0.004014	-0.049356
26	P3	-8.030053	0.004037	-0.049155
30	P3	-8.029884	0.004024	-0.049535

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

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4.3.2 - Evolution for GM1

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5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000552278
	stdev	1.74768e-07
MEAN Q	mean	0.000523338
	stdev	2.18256e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.136624
	stdev	0.00113779
STDEV Q	mean	0.136980
	stdev	0.00115522

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006092[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20060923_002304_000002162051_00260_23861_6274.N1	1	0
ASA_GM1_1PNPDK20060924_132252_000006402051_00282_23883_5084.N1	0	15
ASA_WSM_1PNPDE20060923_015903_000001462051_00261_23862_3490.N1	0	76
ASA_WSM_1PNPDE20060923_170154_000002452051_00270_23871_3584.N1	0	9
ASA_WSM_1PNPDE20060923_184505_000003062051_00271_23872_3602.N1	0	60
ASA_WSM_1PNPDE20060924_163151_000001282051_00284_23885_3698.N1	0	70
ASA_WSM_1PNPDE20060924_181428_000002142051_00285_23886_3707.N1	0	60
ASA_WSM_1PNPDE20060924_231433_000000972051_00288_23889_3734.N1	0	50

7 - Doppler Analysis

Preliminary report.The data is not yet controled

7.1 - Unbiased Doppler Error for WVS

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.2 - Absolute Doppler for WVS

Evolution of Absolute Doppler

Acsending

Descending

7.3 - Doppler evolution versus ANX for WVS

Evolution Doppler error versus ANX


7.4 - Unbiased Doppler Error for GM1

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.5 - Absolute Doppler for GM1

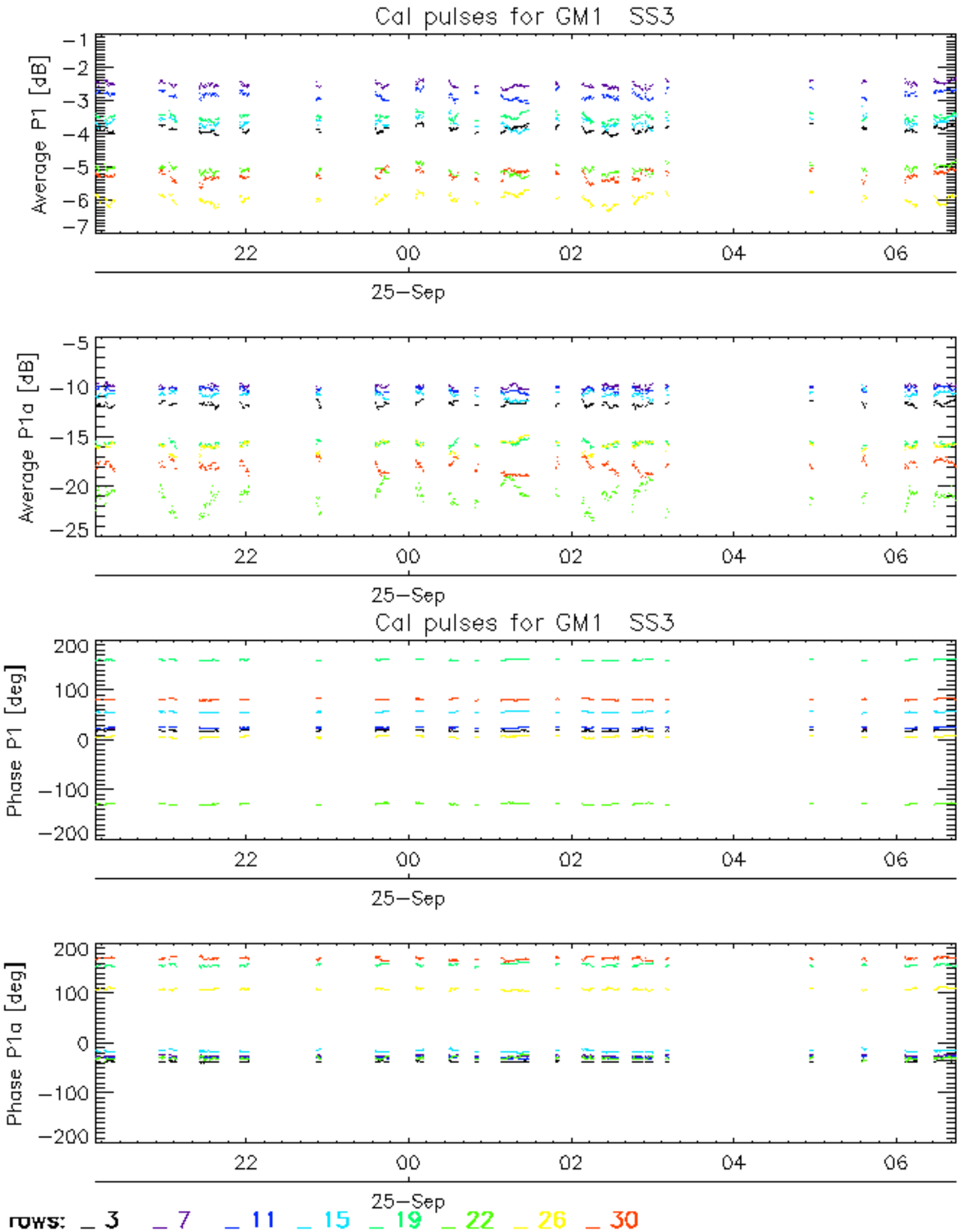
Evolution of Absolute Doppler

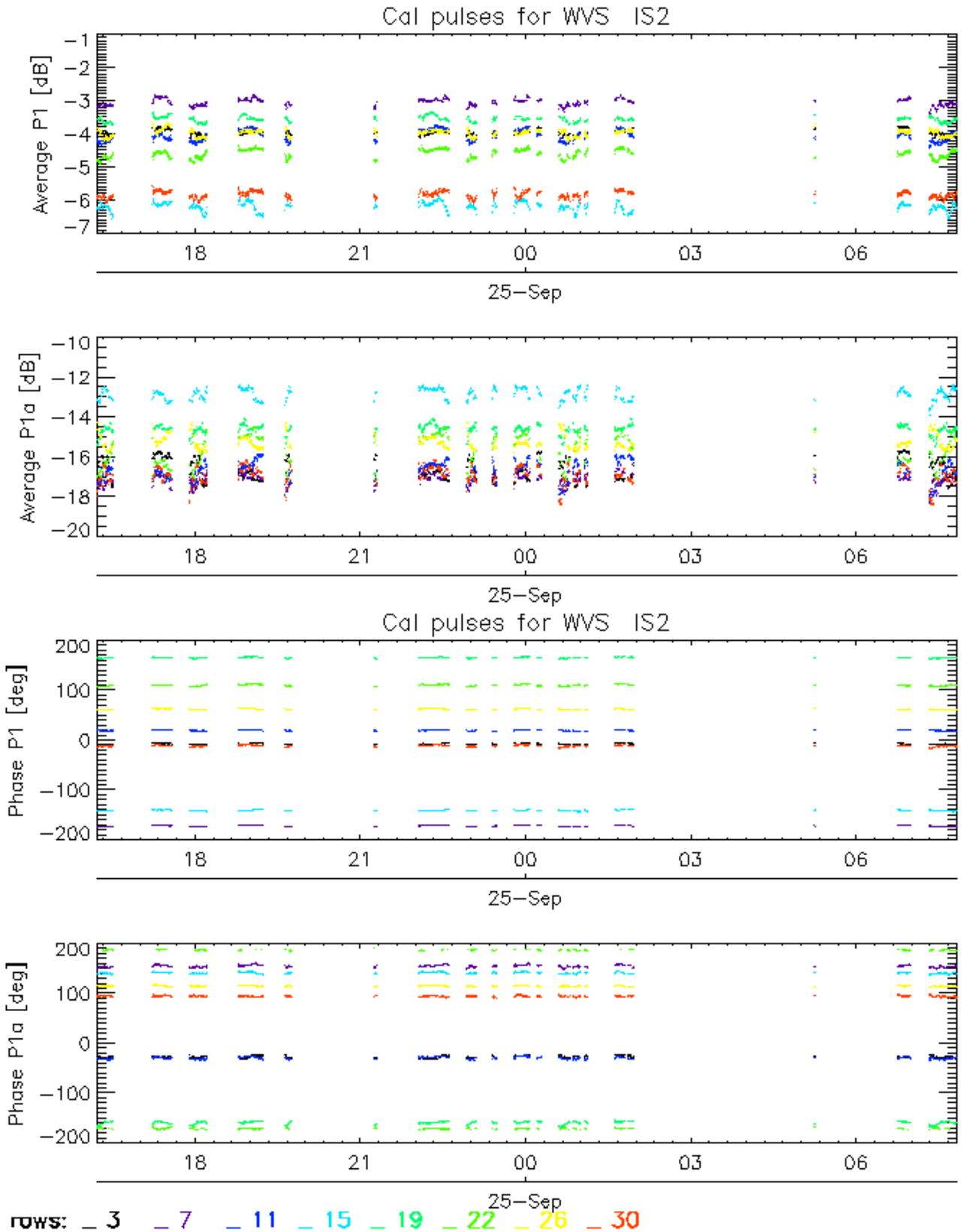
Acsending

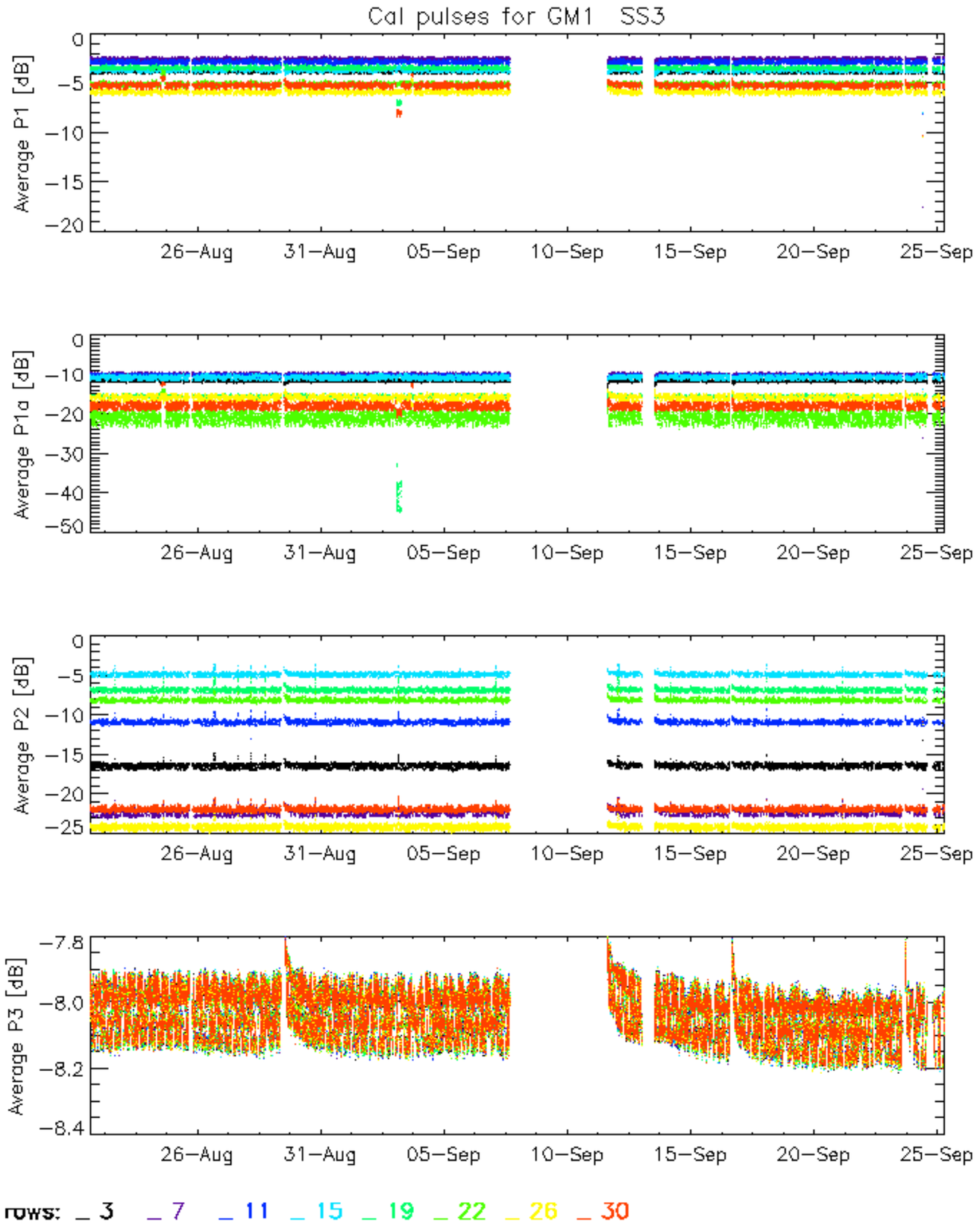
Descending

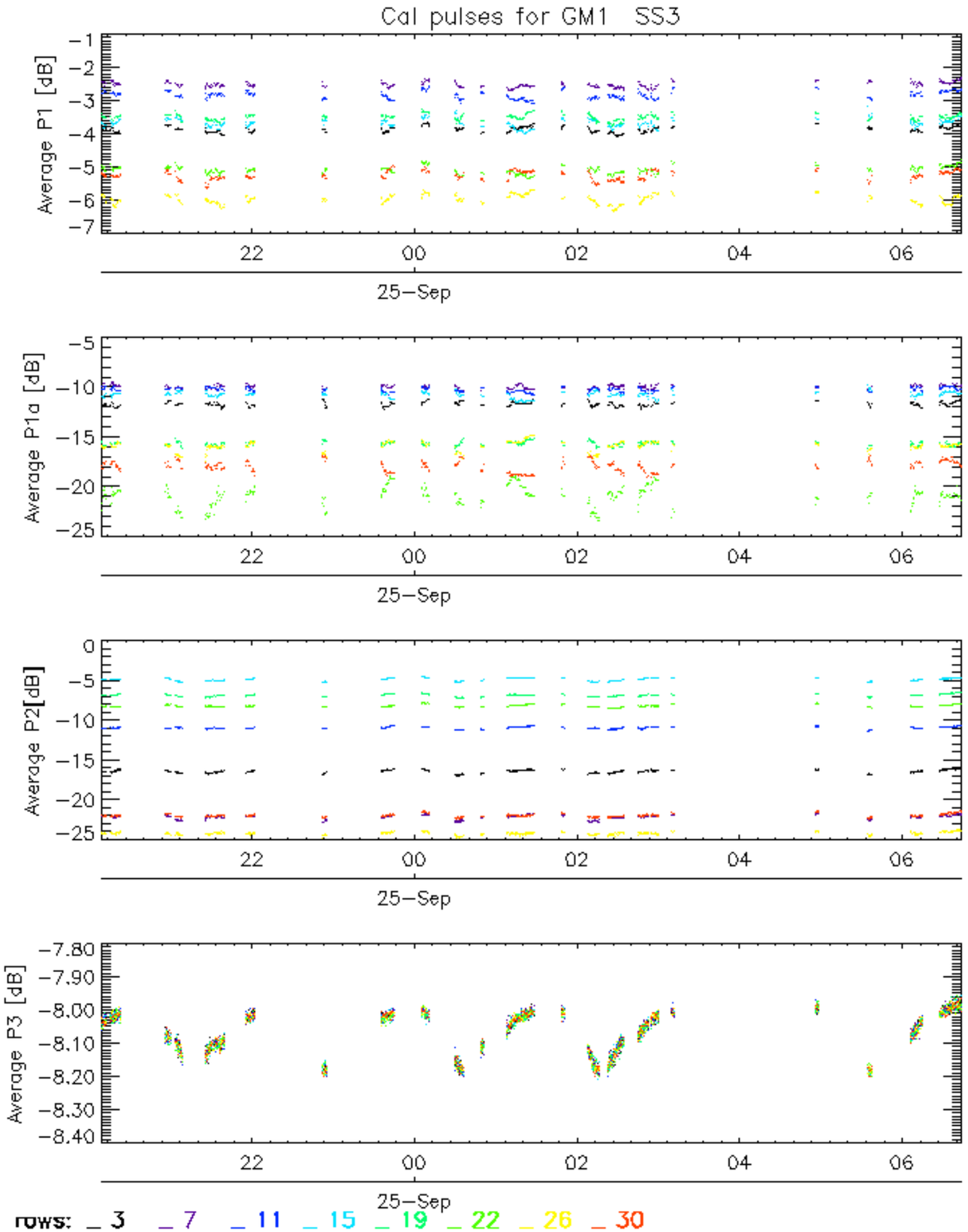
7.6 - Doppler evolution versus ANX for GM1

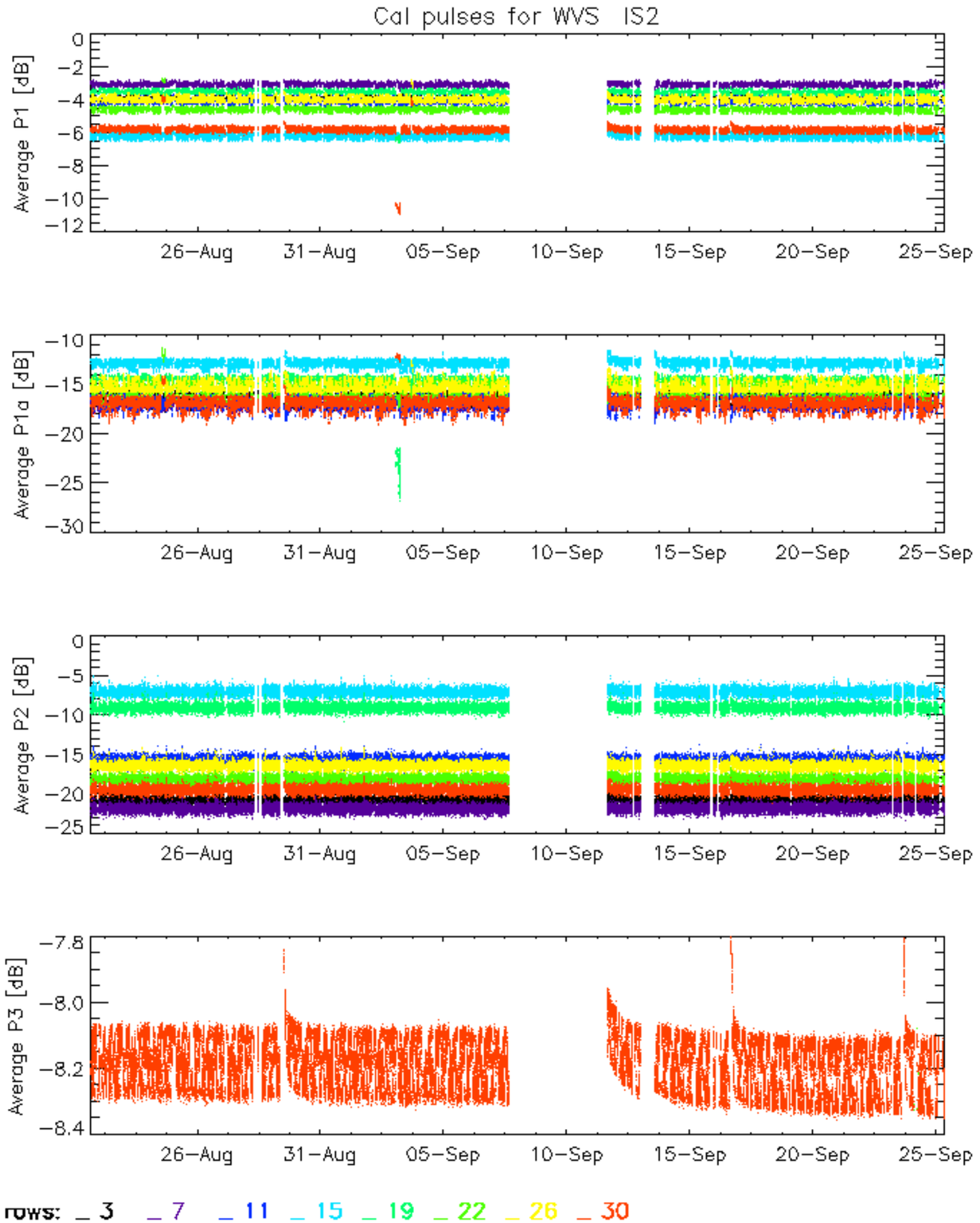
Evolution Doppler error versus ANX

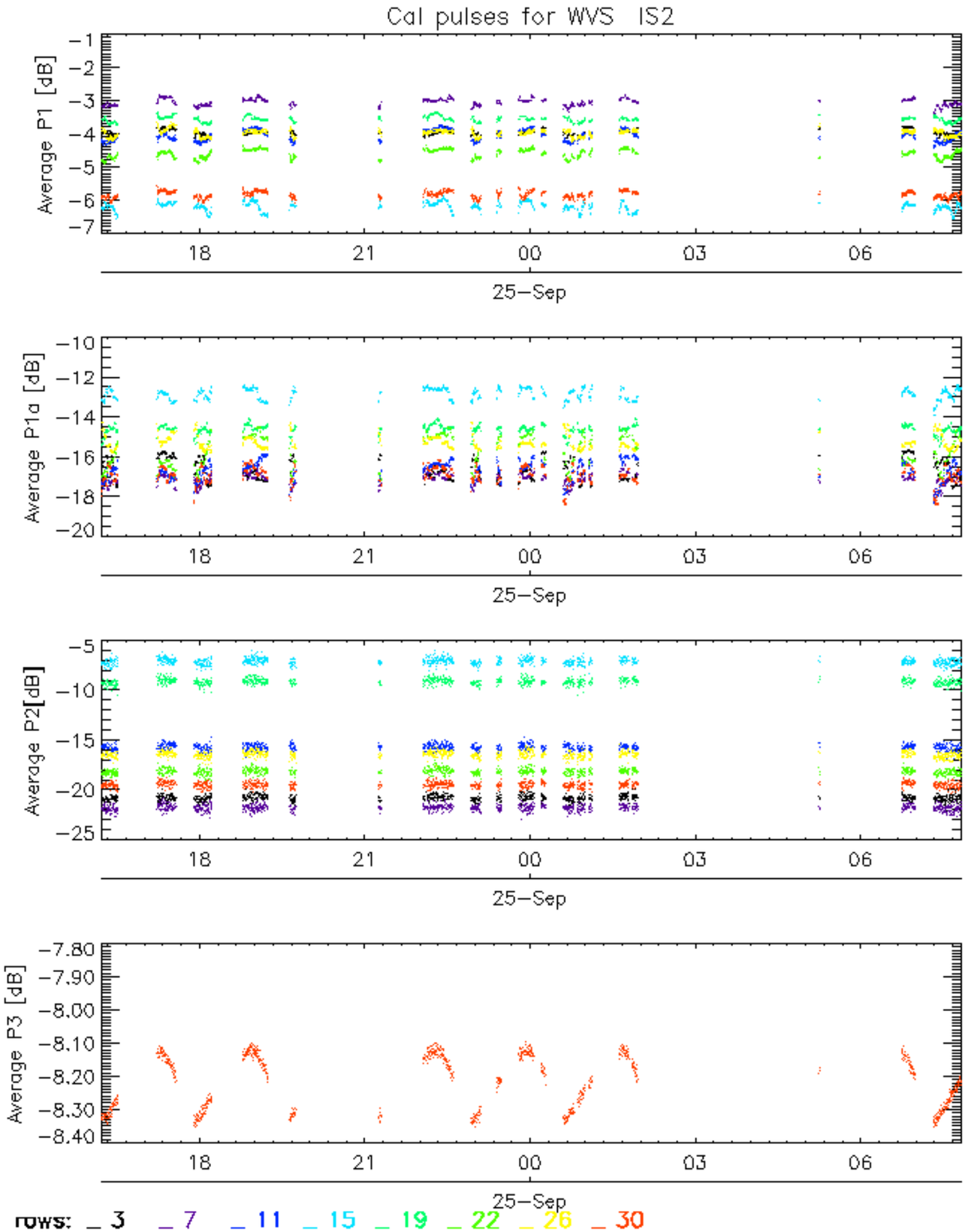


Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
25−Sep
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
25−Sep
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
22
00
02
04
06
25−Sep
Phase P1a [deg]
200
100
0
−100
−200
22
00
02
04
06
25−Sep
rows: 3 7 11 15 19 22 26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


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

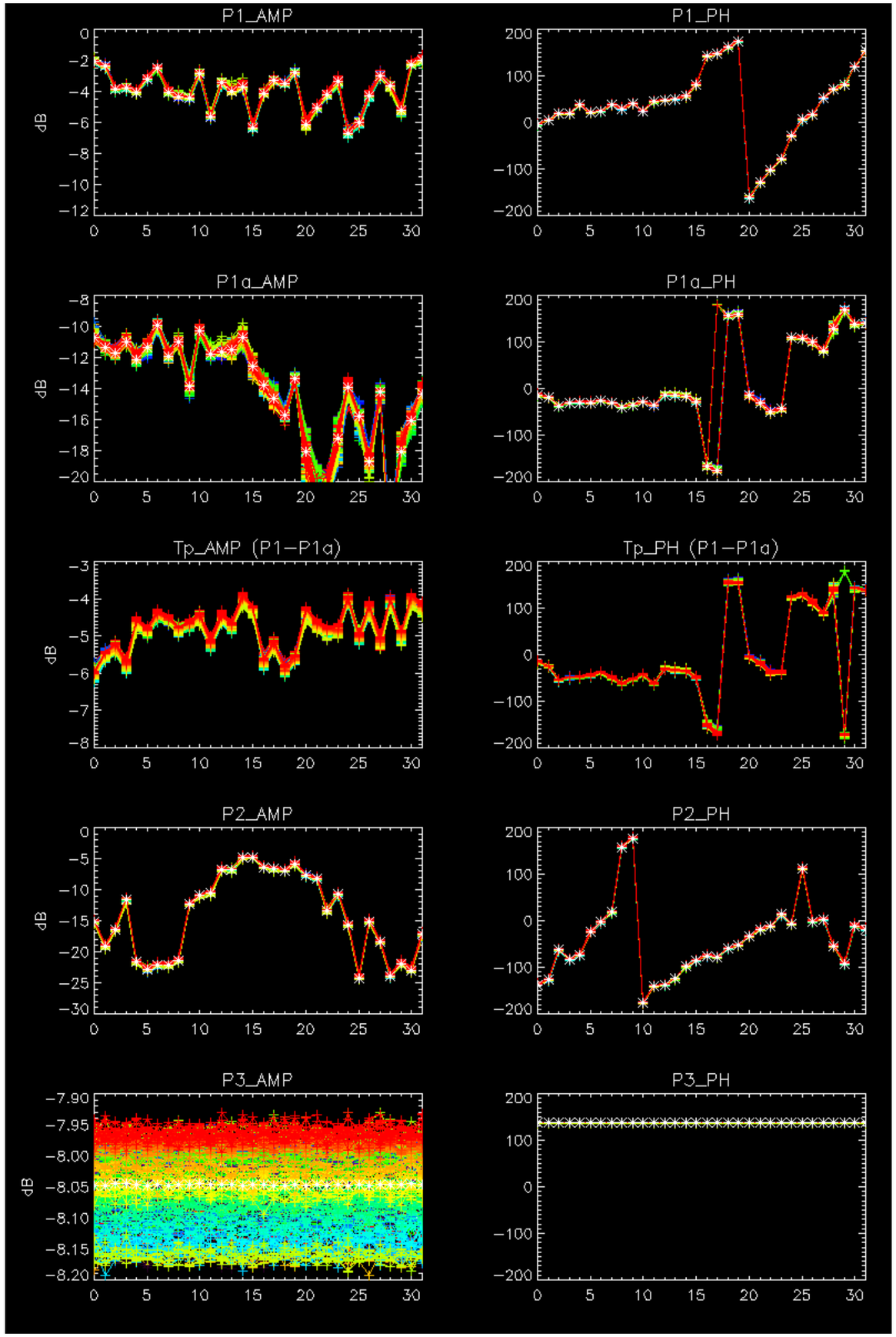

Cal pulses for GM1 SS3
Average P1 [dB]
0
−5
−10
−15
−20
Average P1a [dB]
0
−10
−20
−30
−40
−50
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep
20−Sep
25−Sep
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

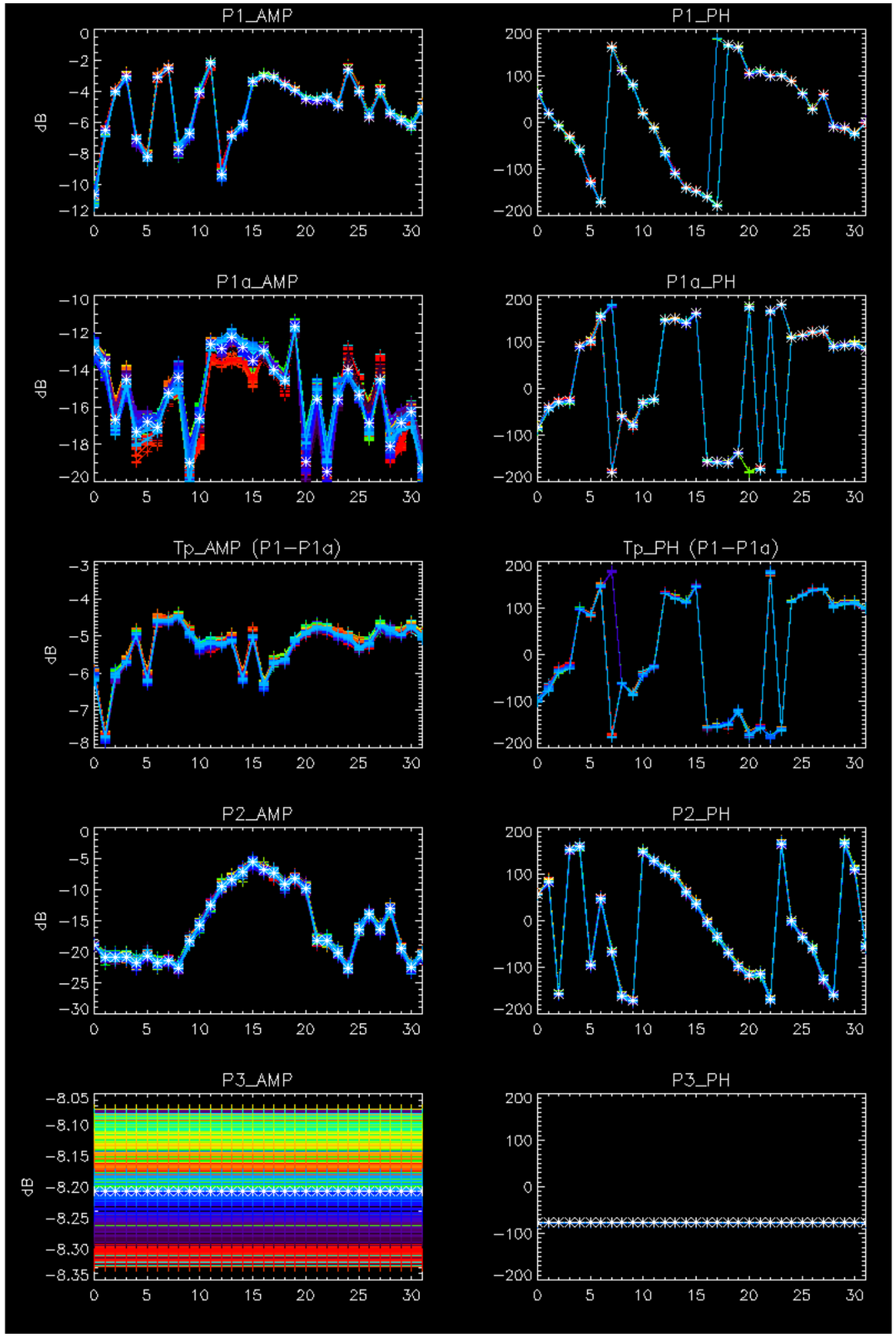

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
22
00
02
04
06
25−Sep
Average P1a [dB]
−5
−10
−15
−20
−25
22
00
02
04
06
25−Sep
Average P2[dB]
0
−5
−10
−15
−20
−25
22
00
02
04
06
25−Sep
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
22
00
02
04
06
25−Sep
rows: _ 3 _ 7 _ 11 _ 15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


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

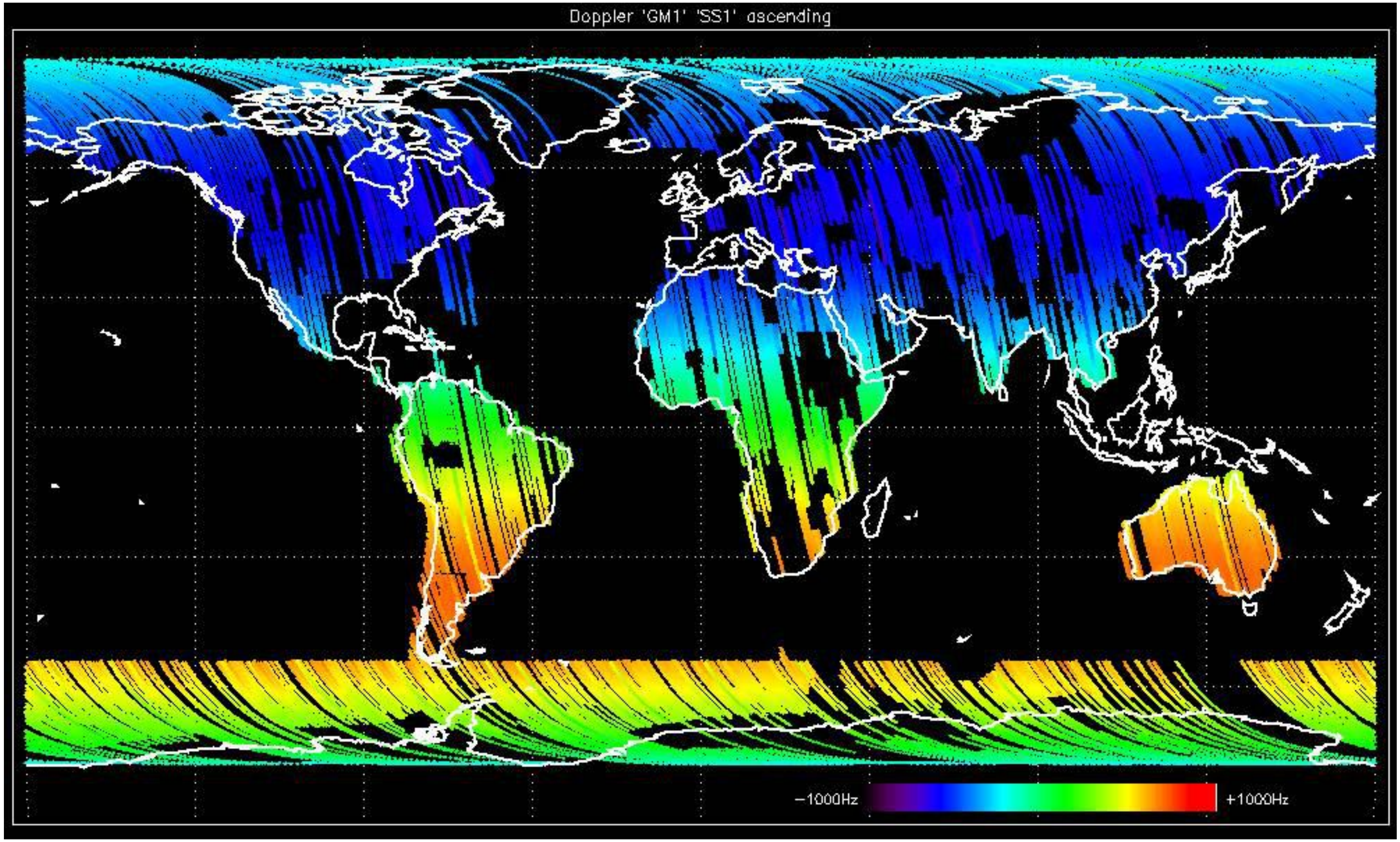
No anomalies observed.

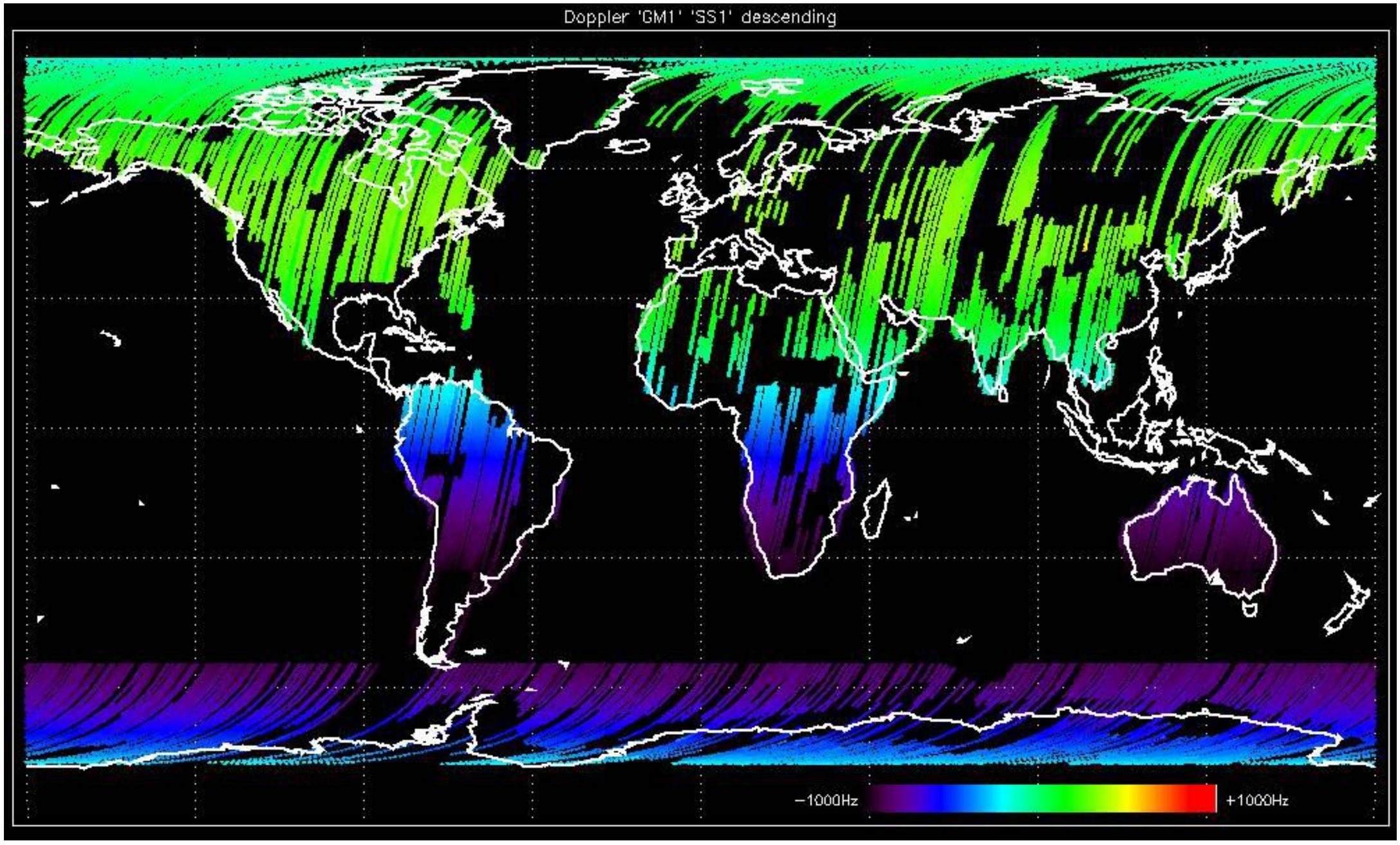

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

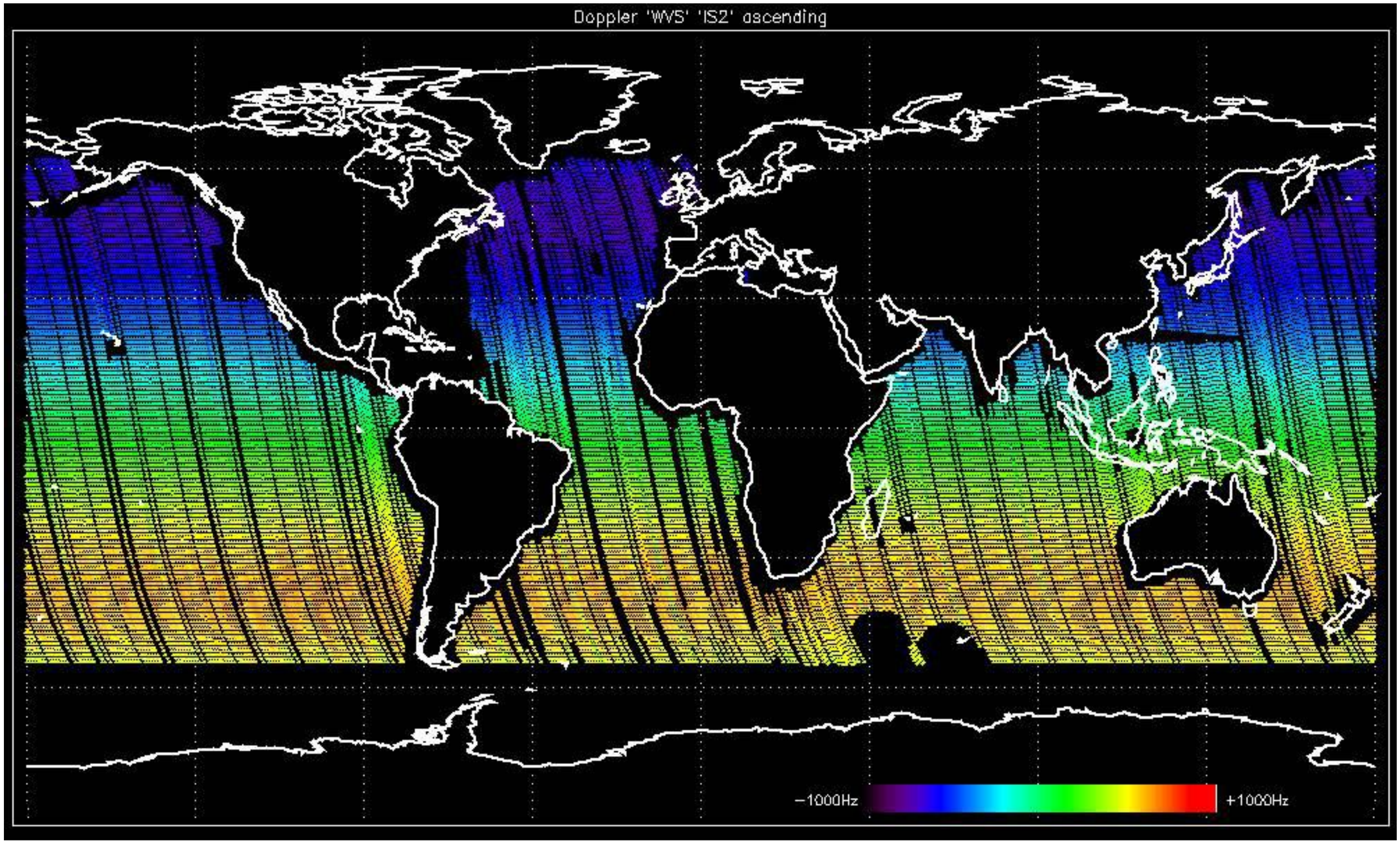

P1_AMP
P1_PH
P1a_AMP
P1a_PH
Tp_AMP (P1−P1a)
Tp_PH (P1−P1a)
P2_AMP
P2_PH
P3_AMP
P3_PH
dB

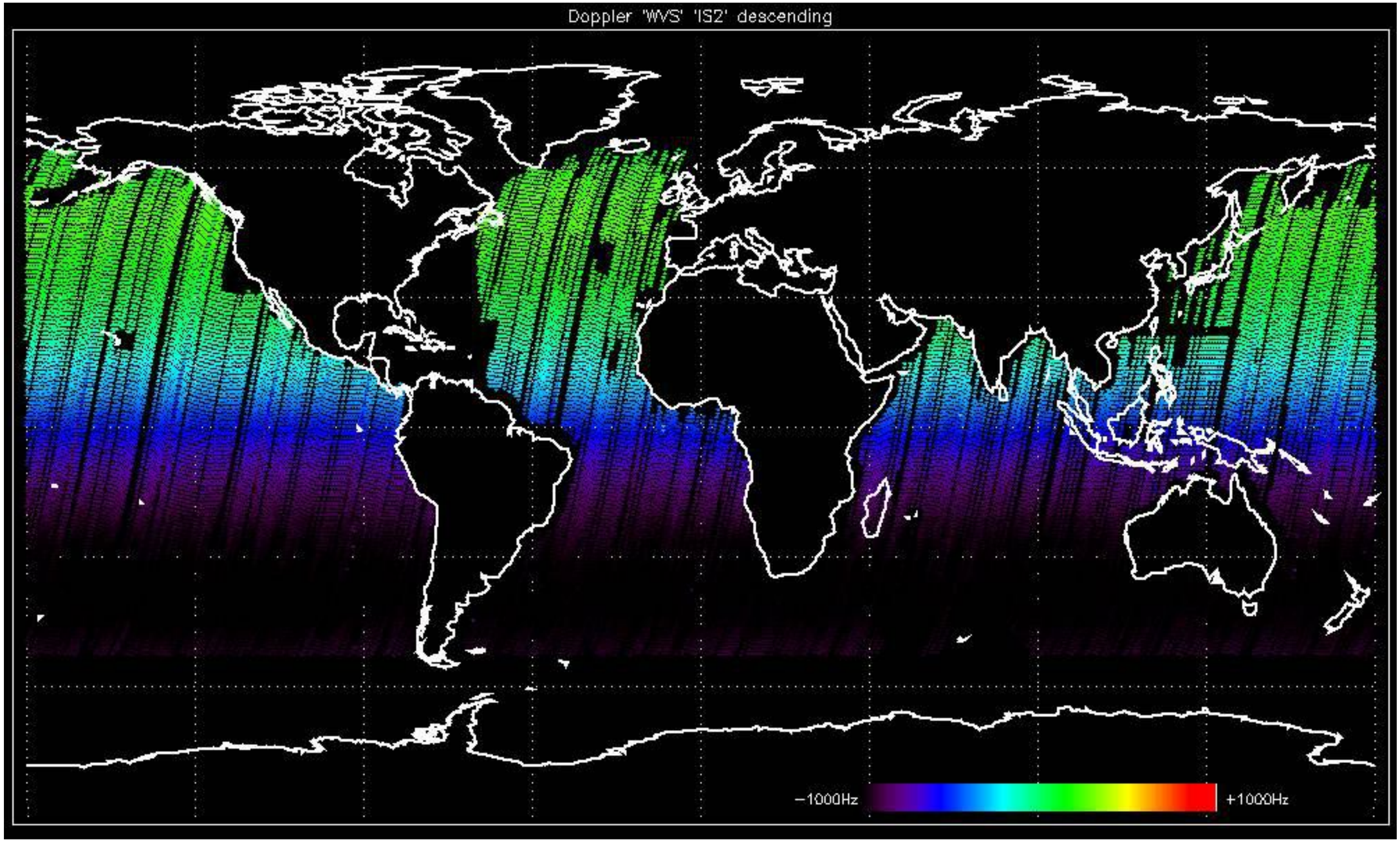
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

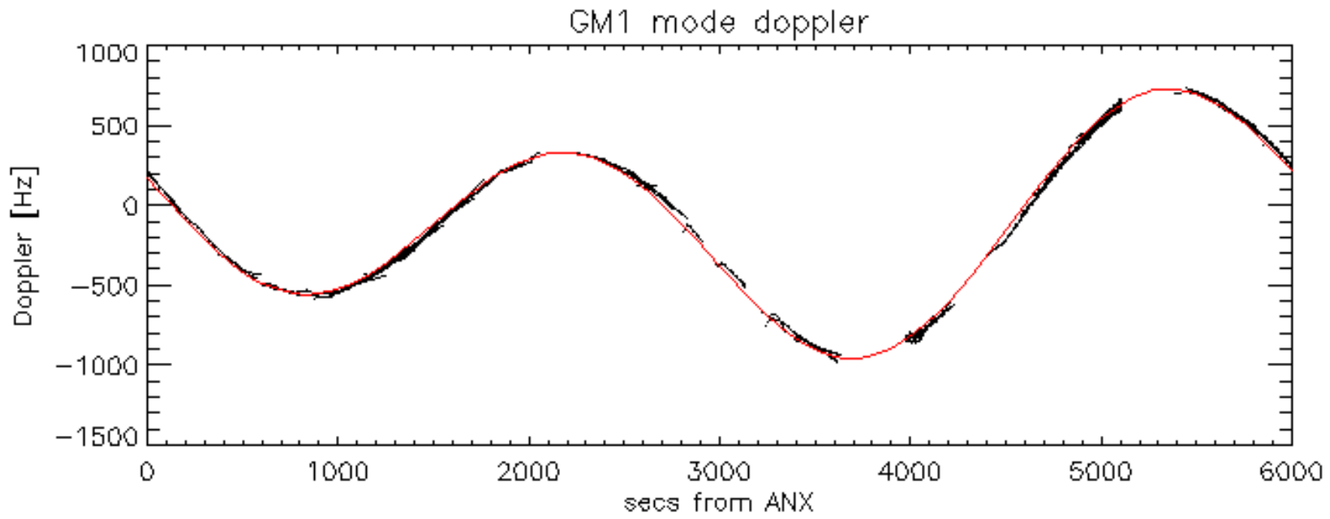
Preliminary report.The data is not yet controled

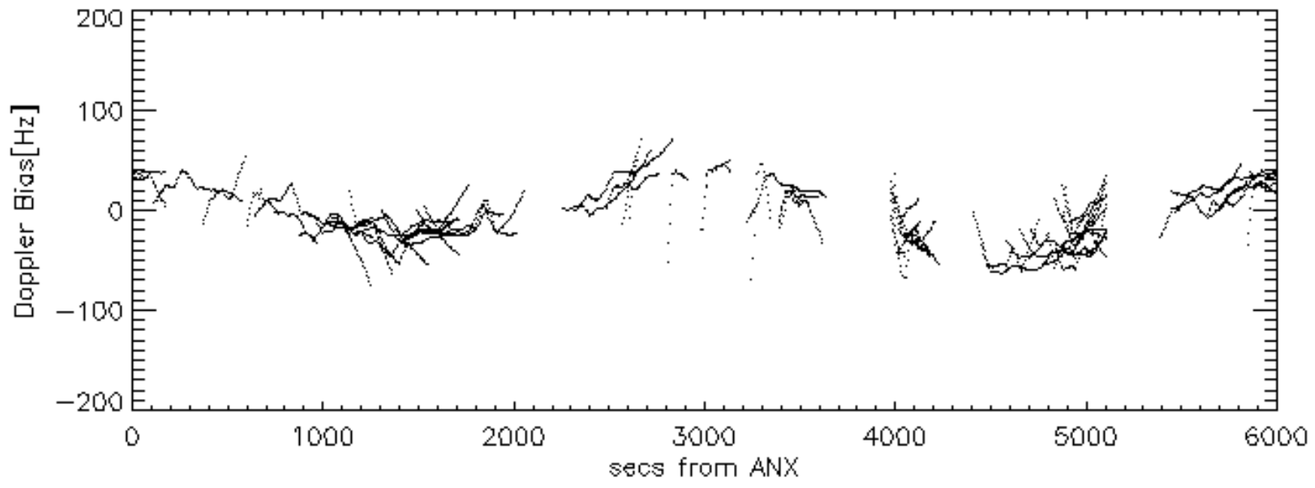

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

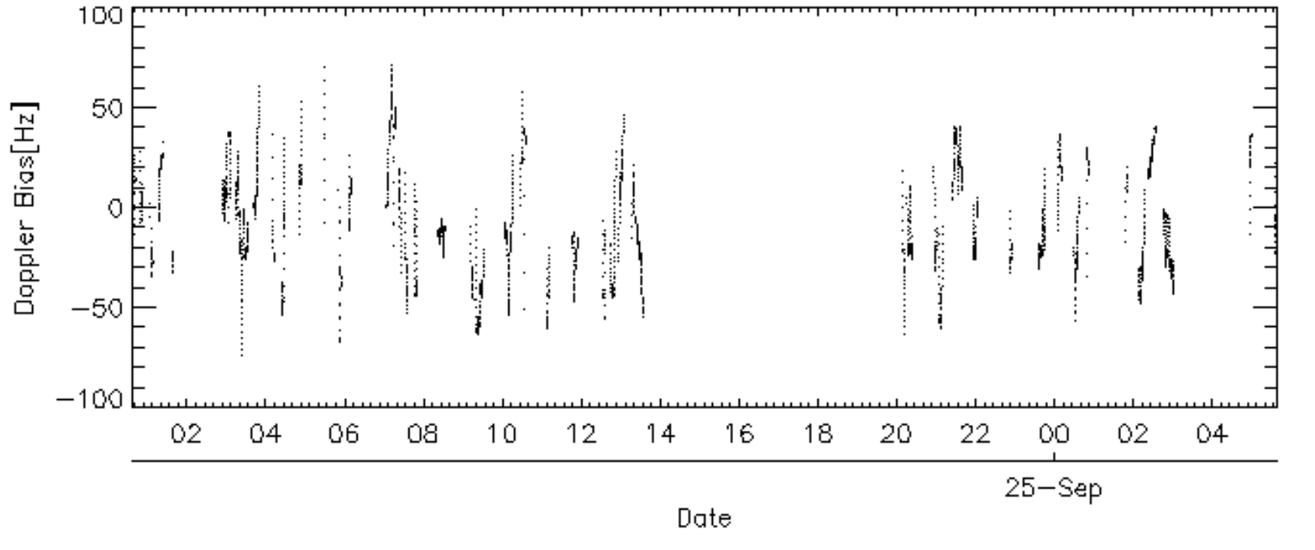

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

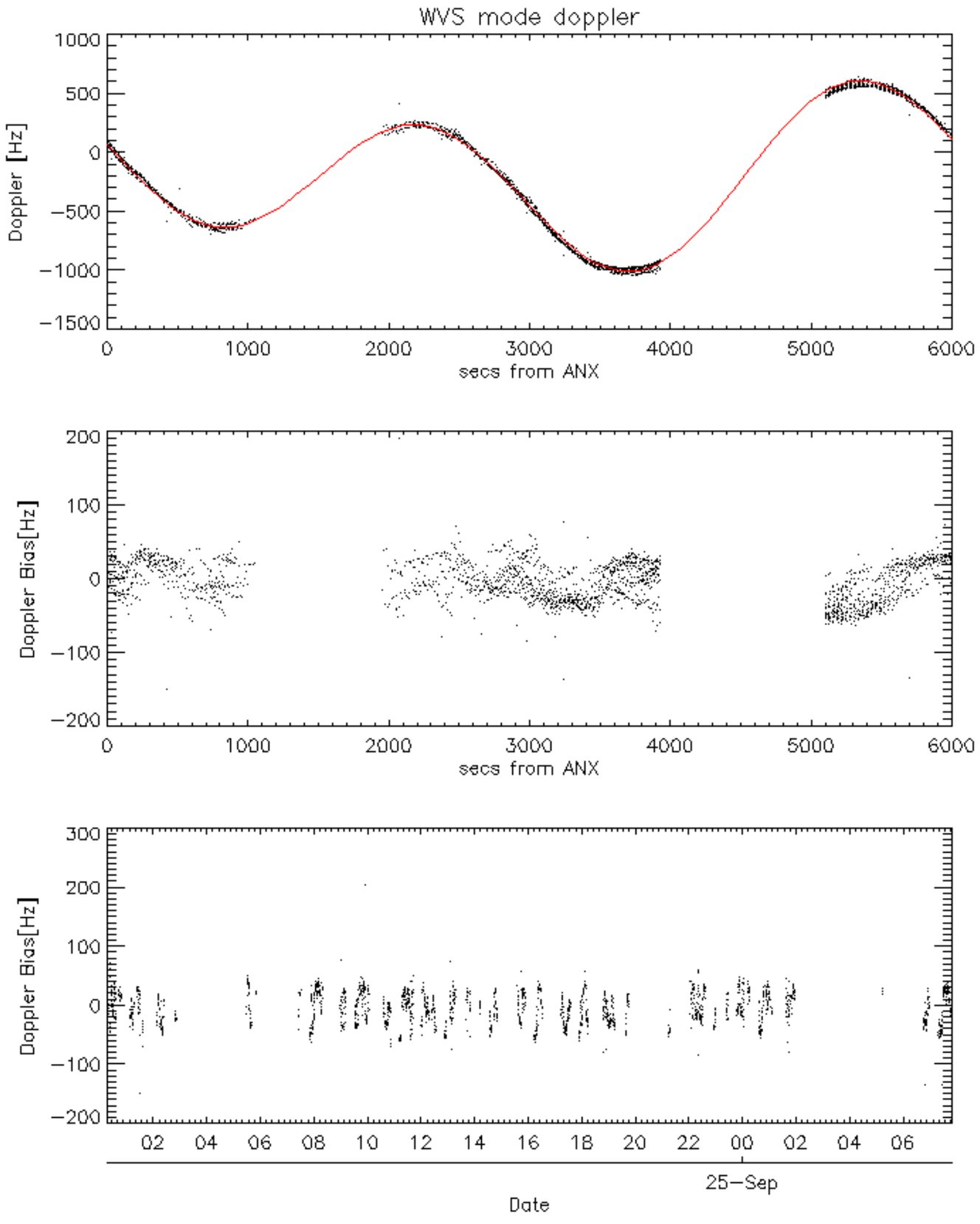

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

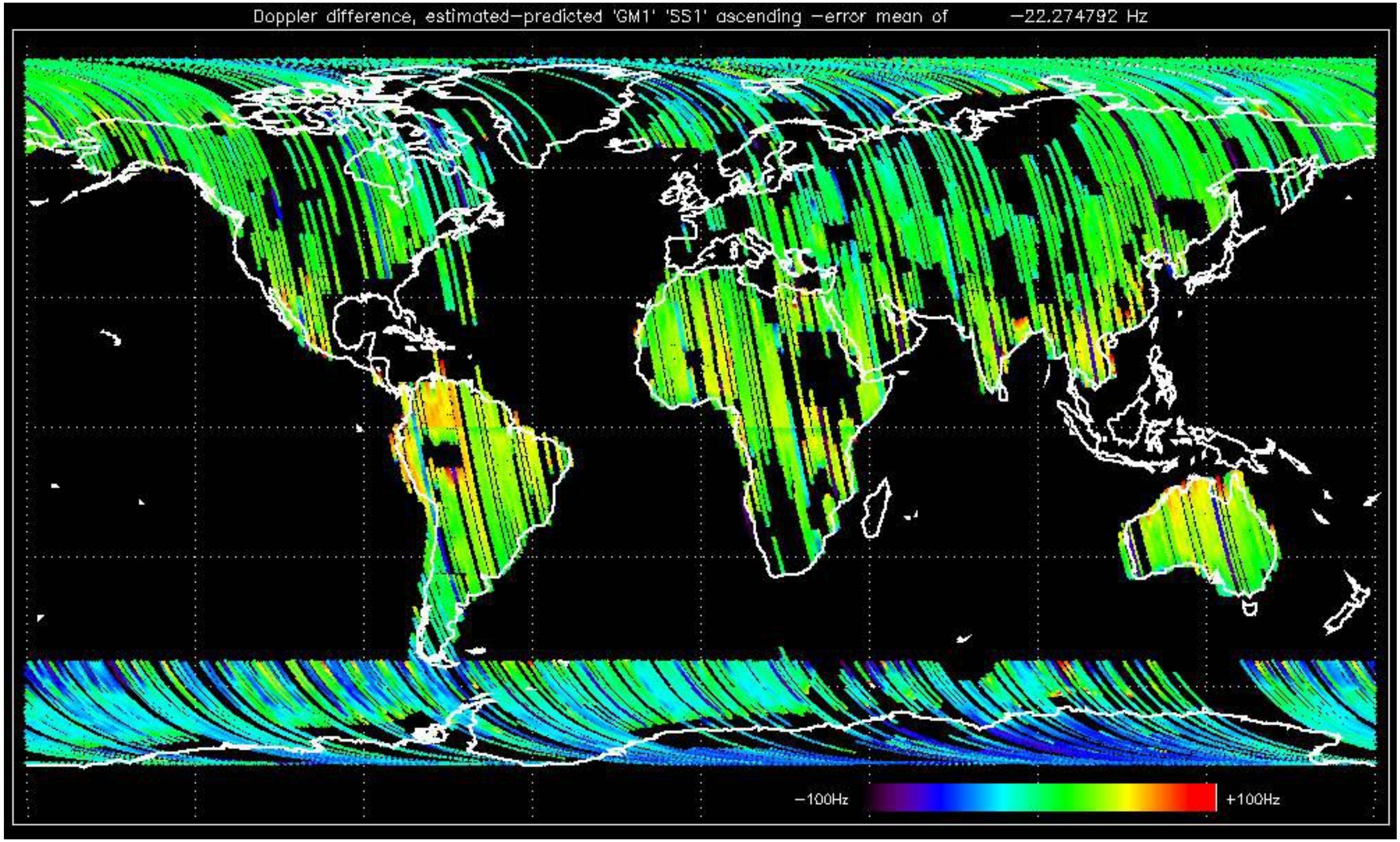

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

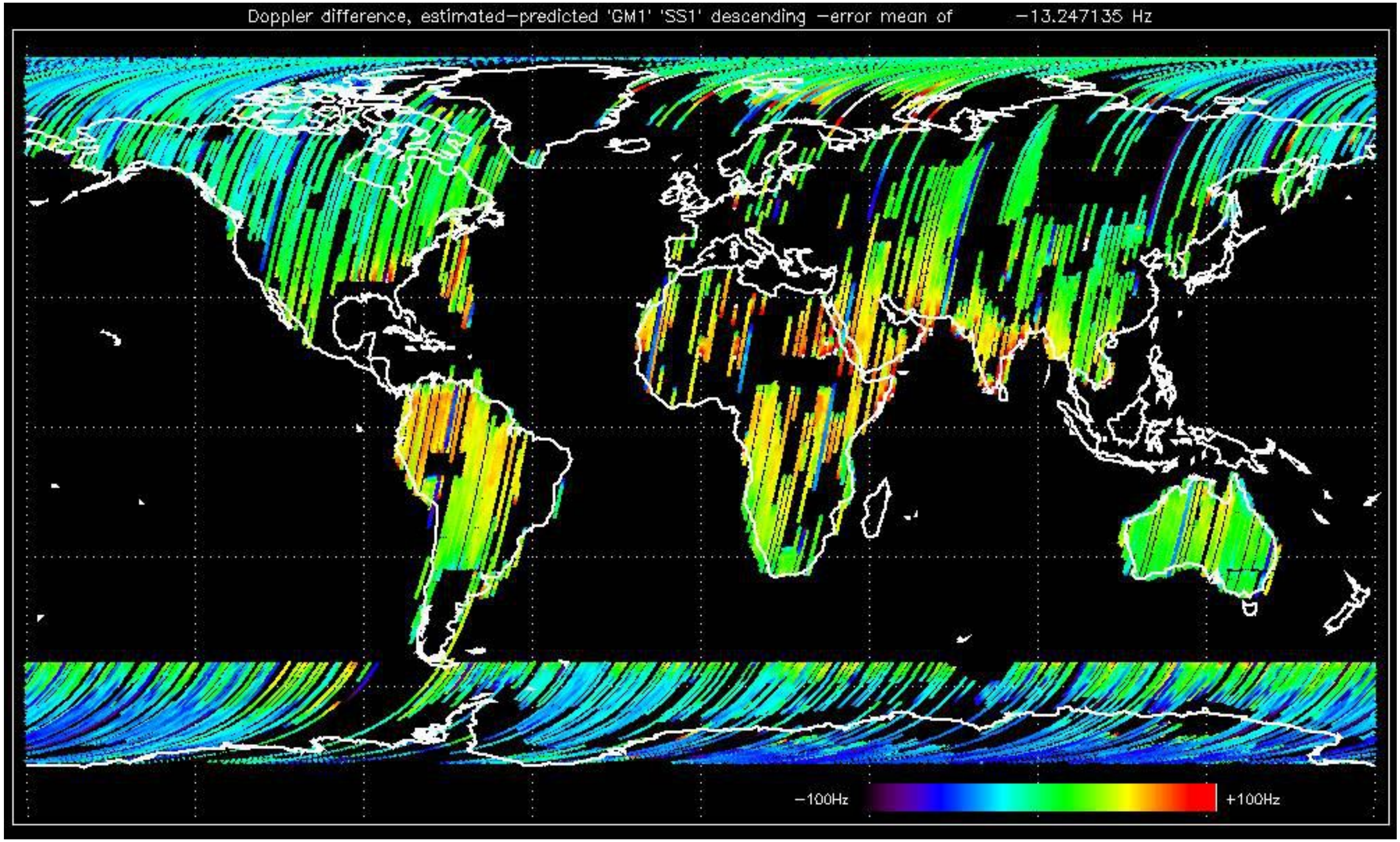

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

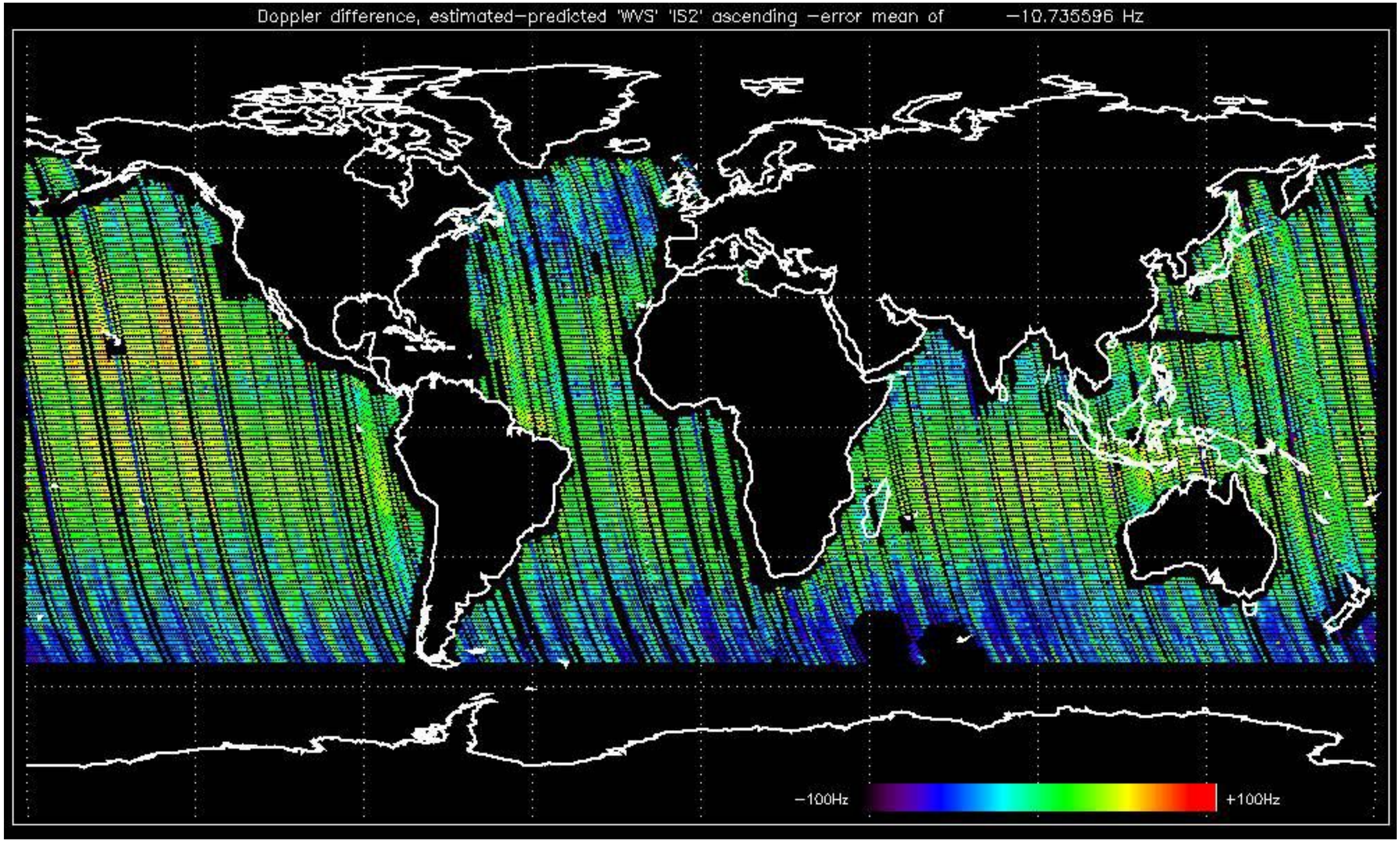

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

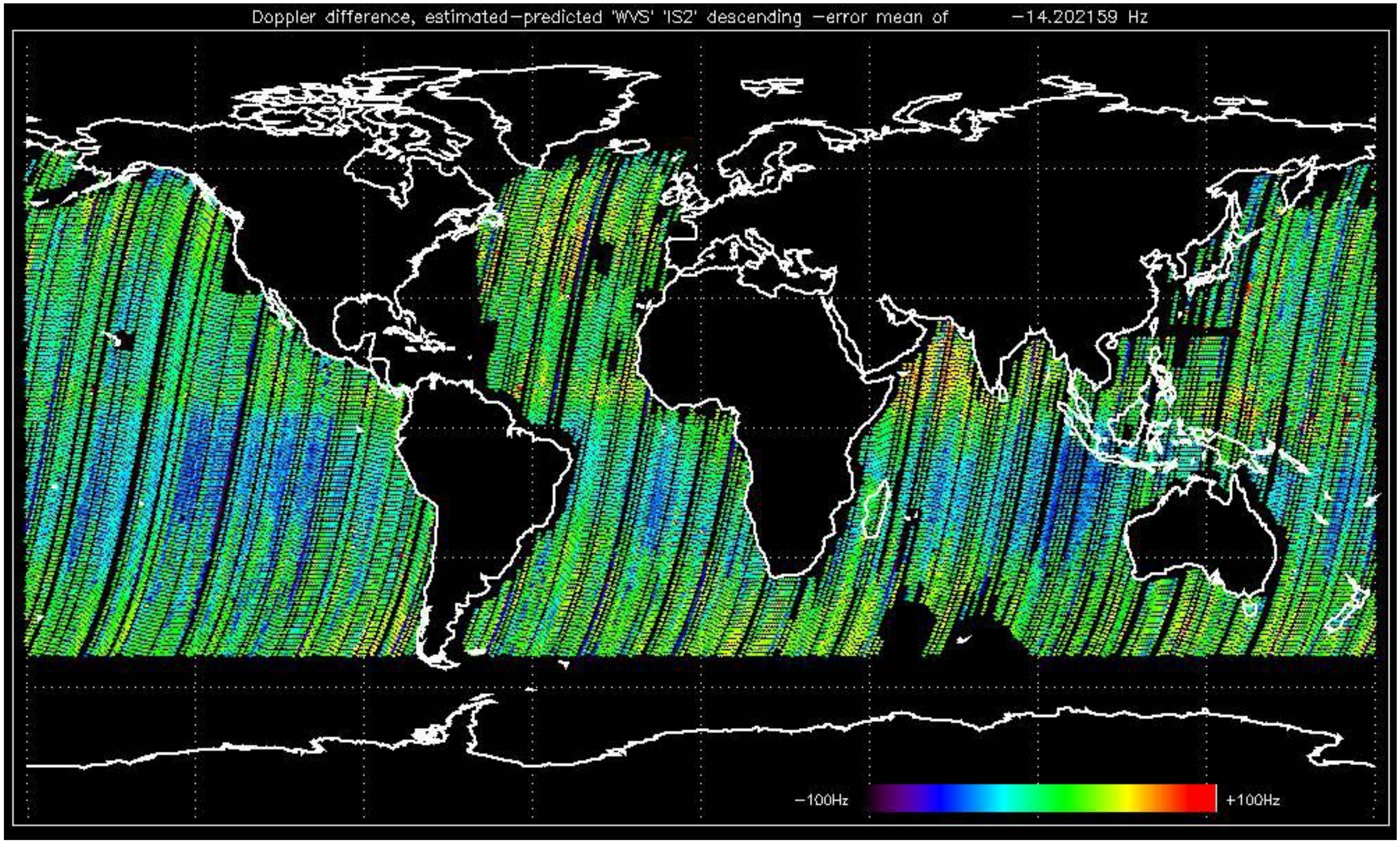

Doppler Bias[Hz]
100
50
0
−50
−100
02
04
06
08
10
12
14
16
18
20
22
00
02
04
25−Sep
Date


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
25−Sep
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −22.274792 Hz
−100Hz
+100Hz

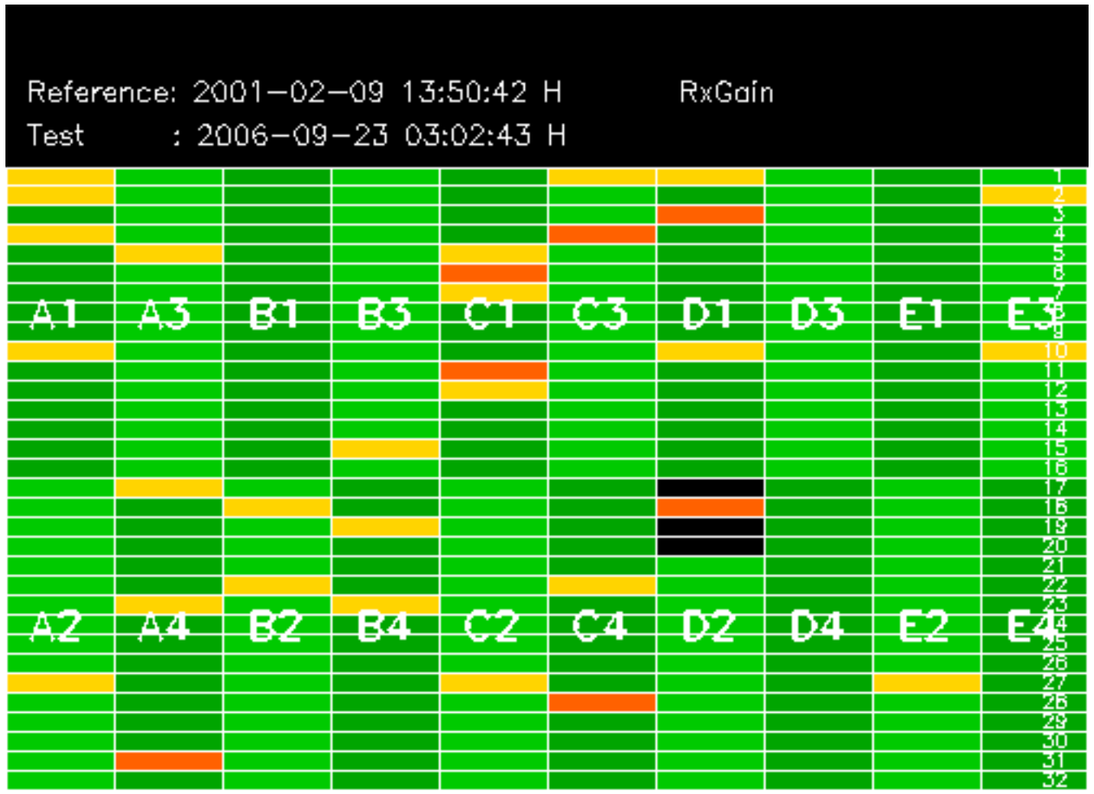

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −13.247135 Hz
−100Hz
+100Hz

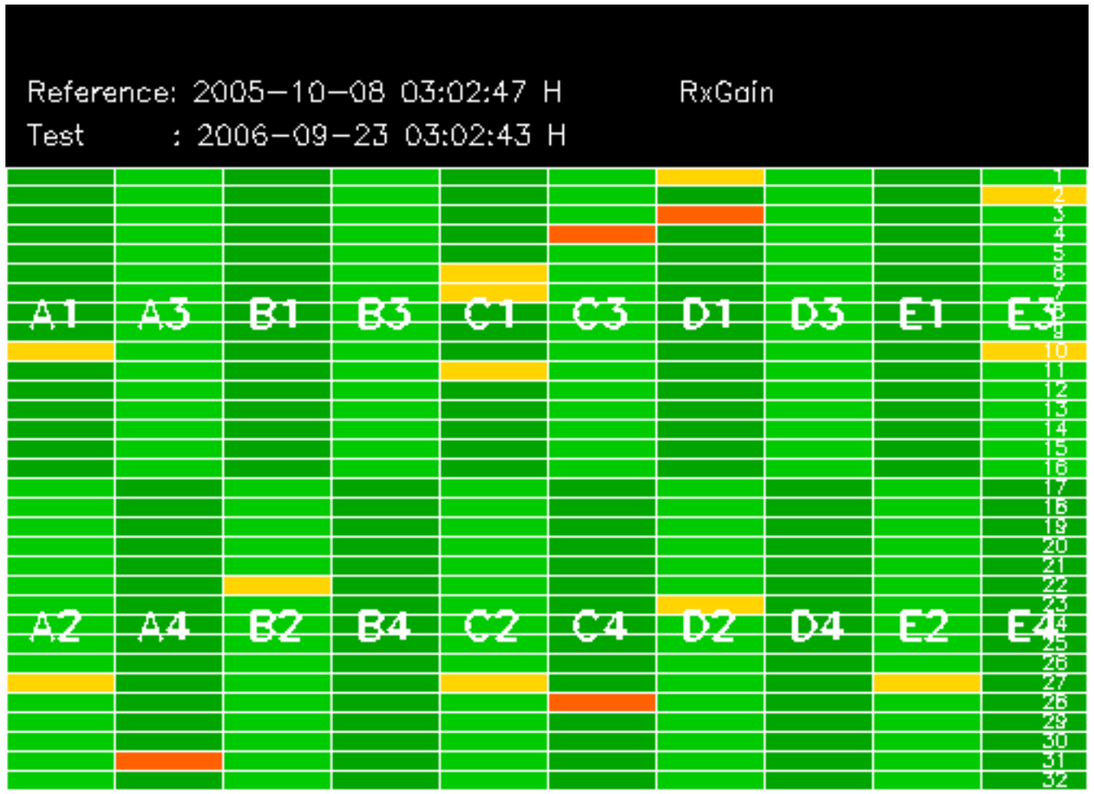

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −10.735596 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −14.202159 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-23 03:02:43 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 : 2006-09-23 03:02:43 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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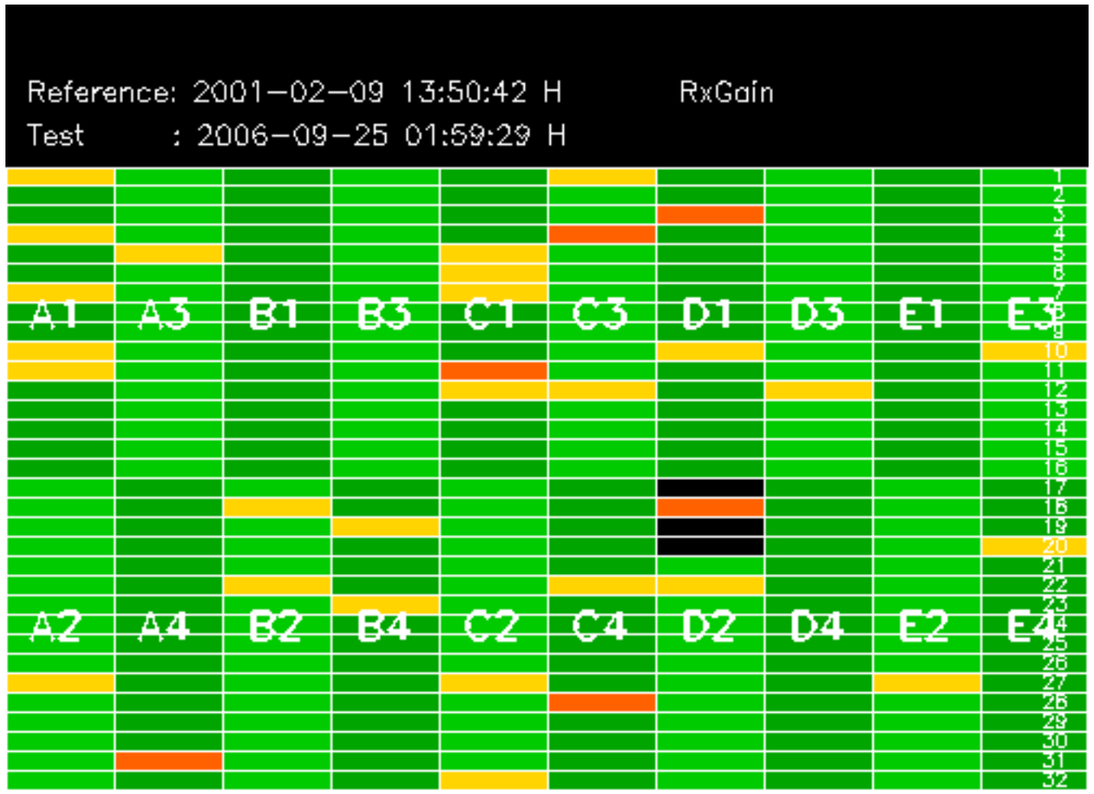
Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2006-09-25 01:59:29 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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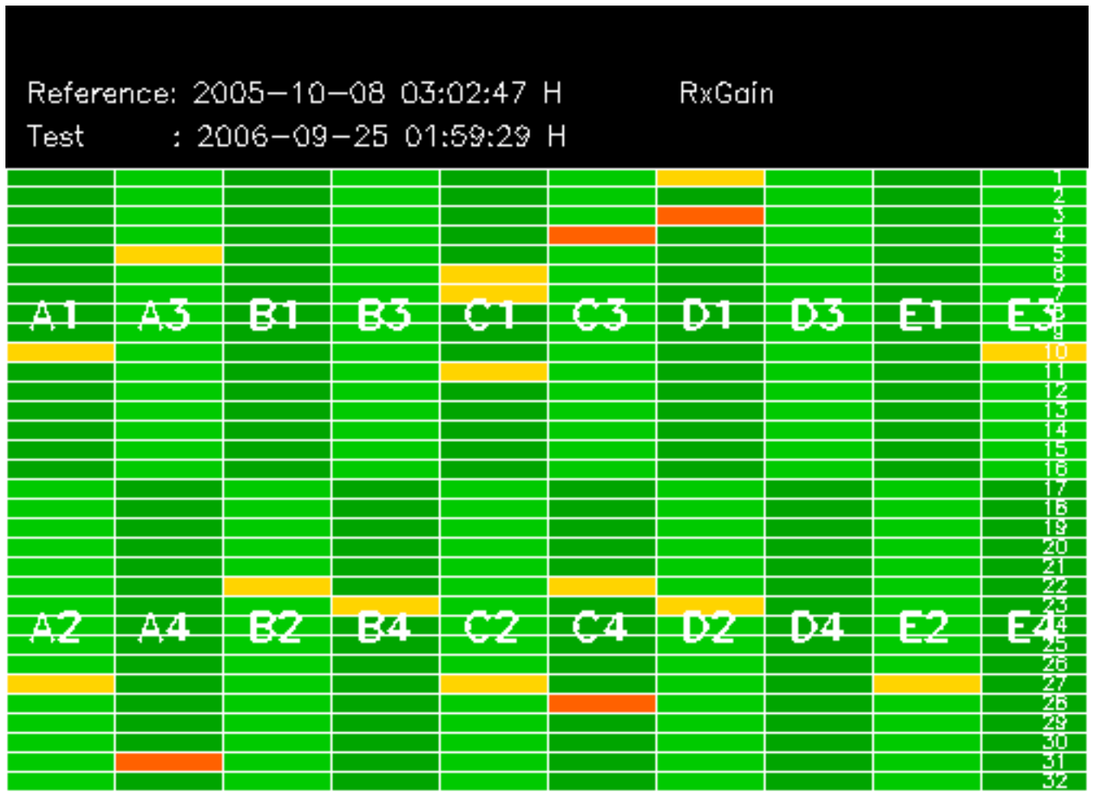
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-25 01:59:29 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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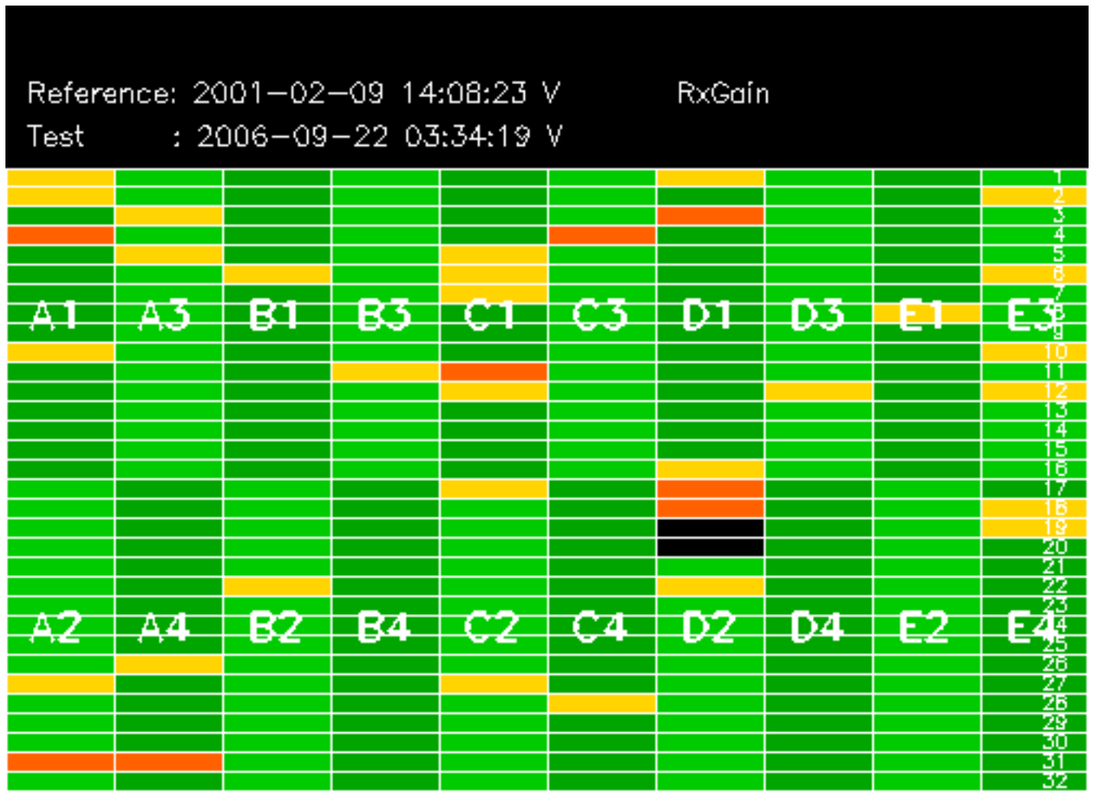
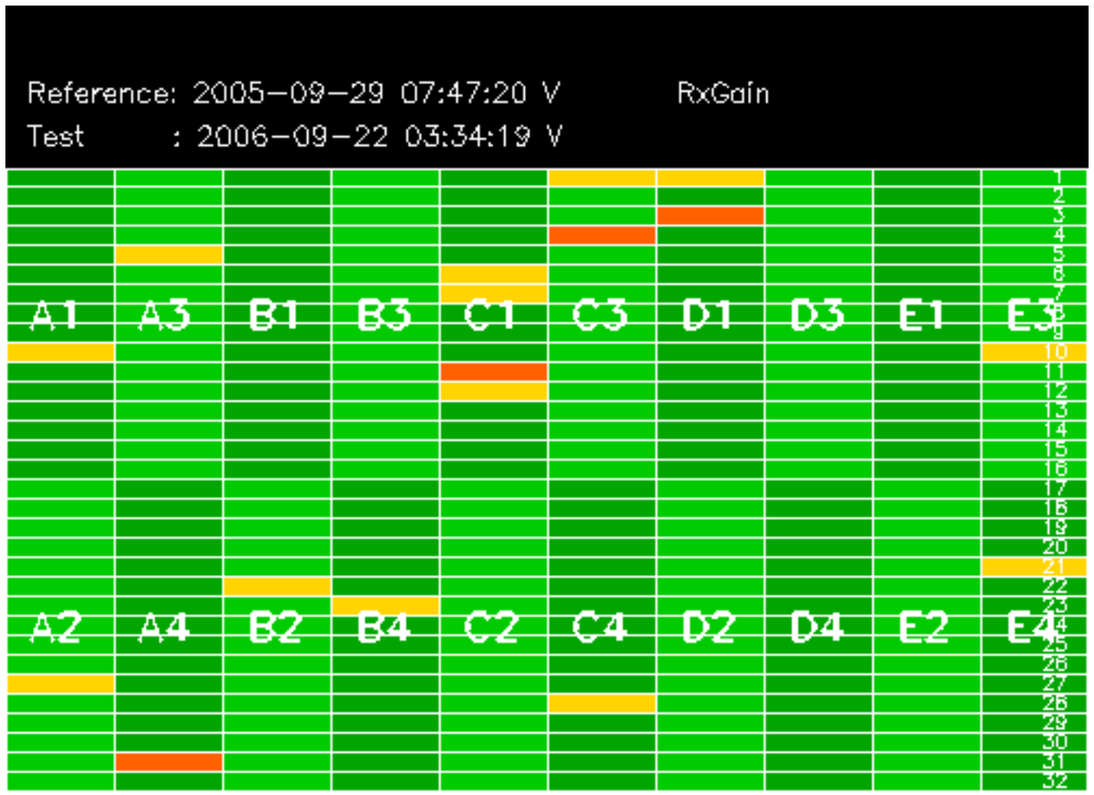
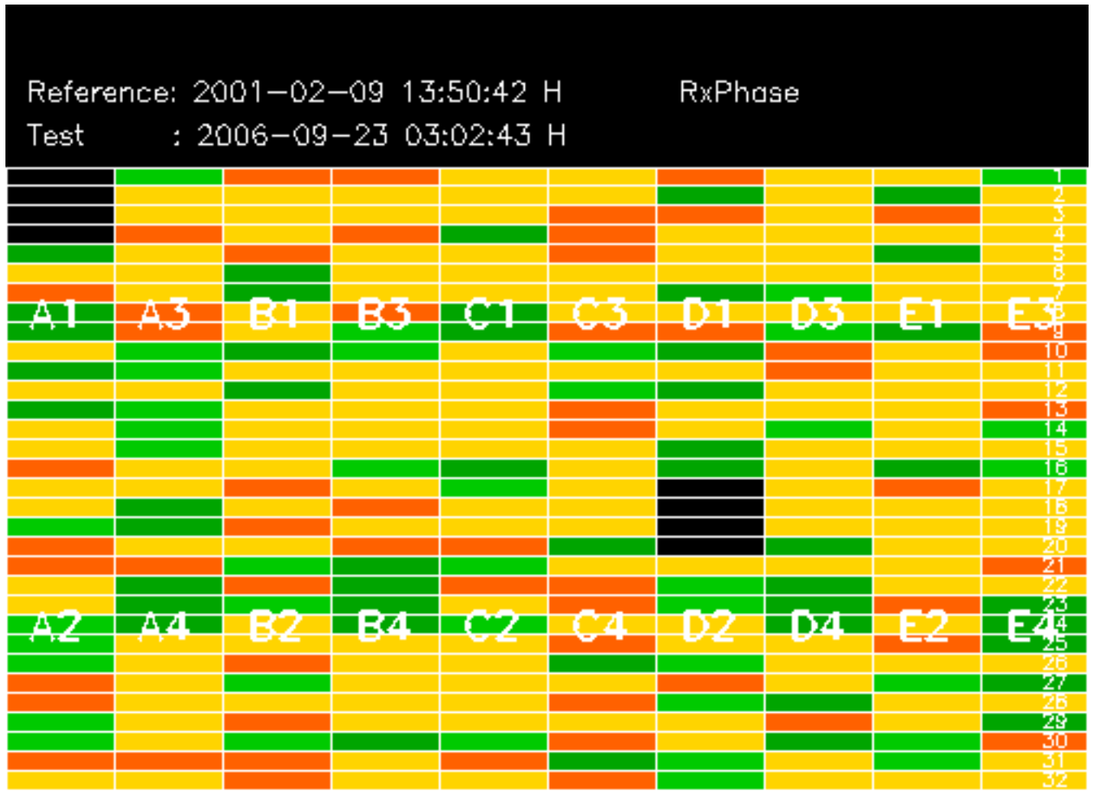
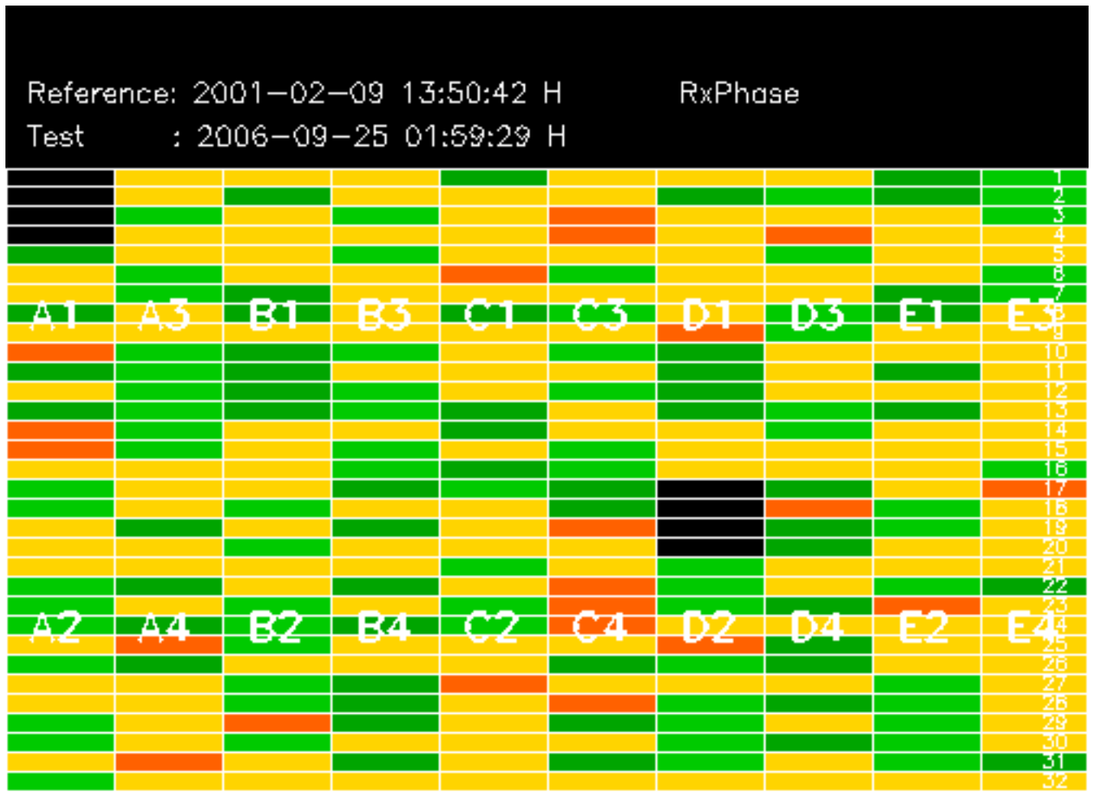
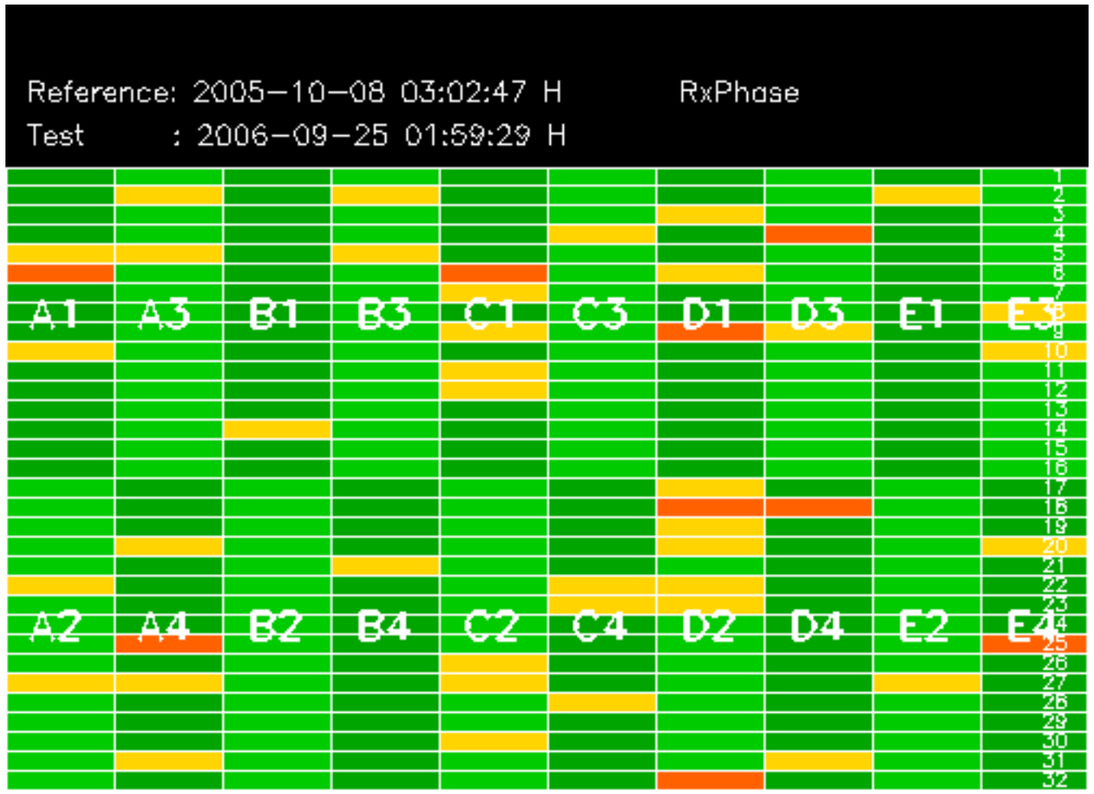

Reference: 2001-02-09 14:08:23 V
Test : 2006-09-22 03:34:19 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-09-22 03:34:19 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 13:50:42 H
RxPhase
Test : 2006-09-23 03:02:43 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 : 2006-09-23 03:02:43 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-09-25 01:59:29 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 : 2006-09-25 01:59:29 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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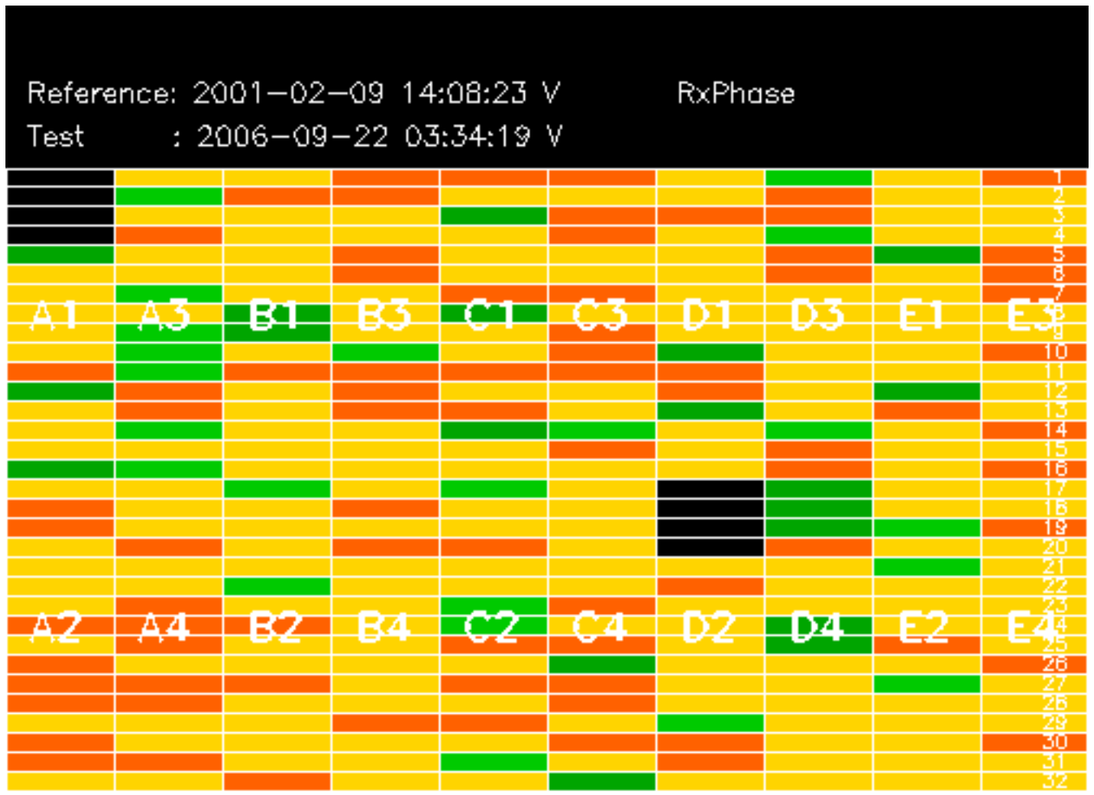
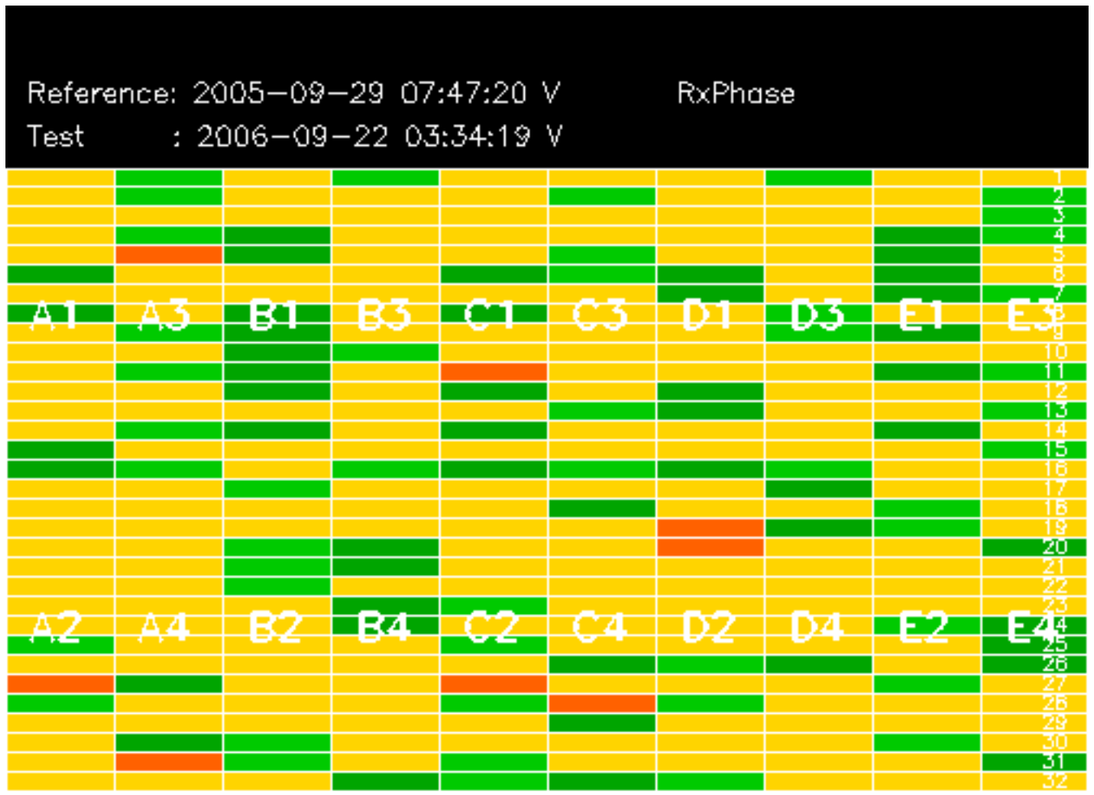
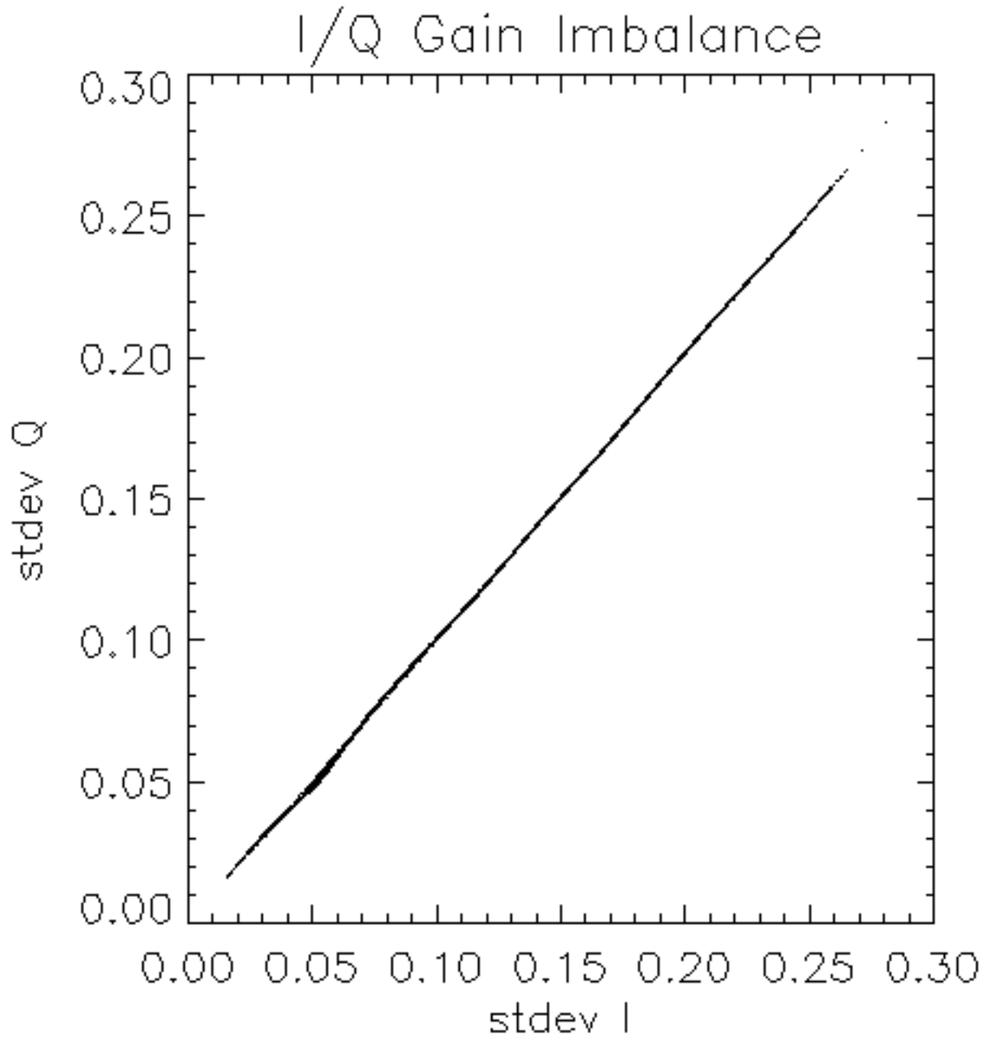
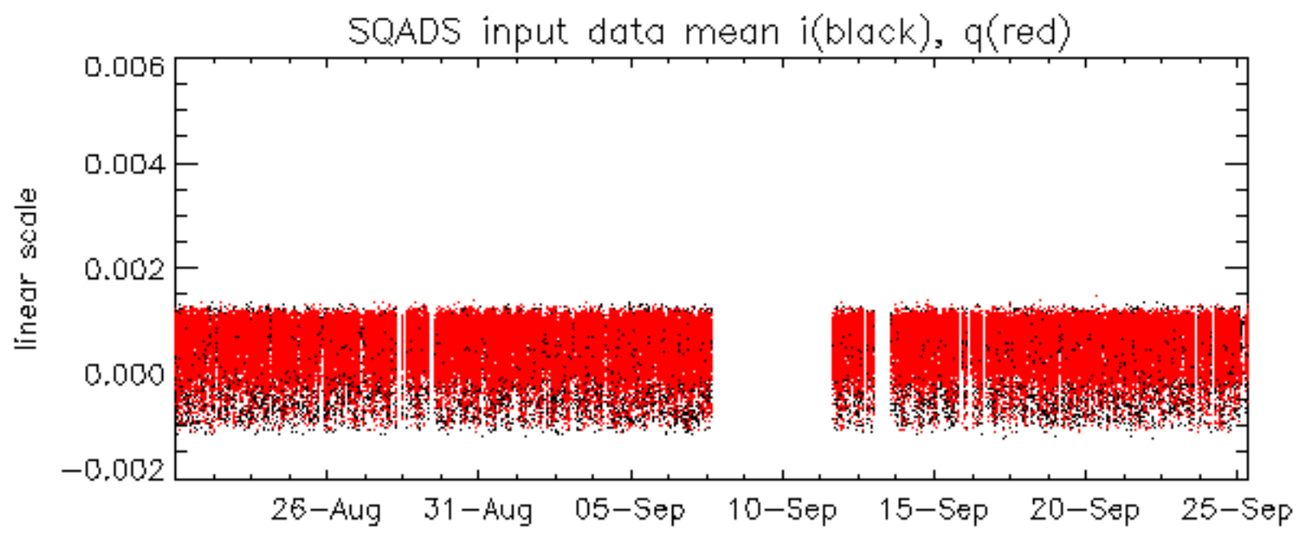
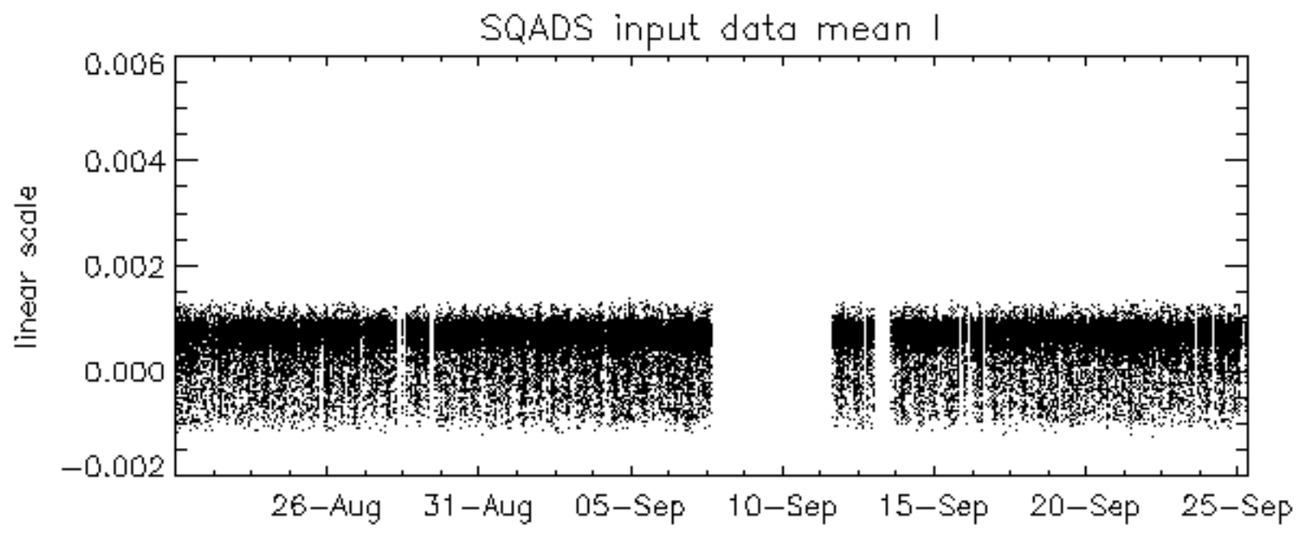
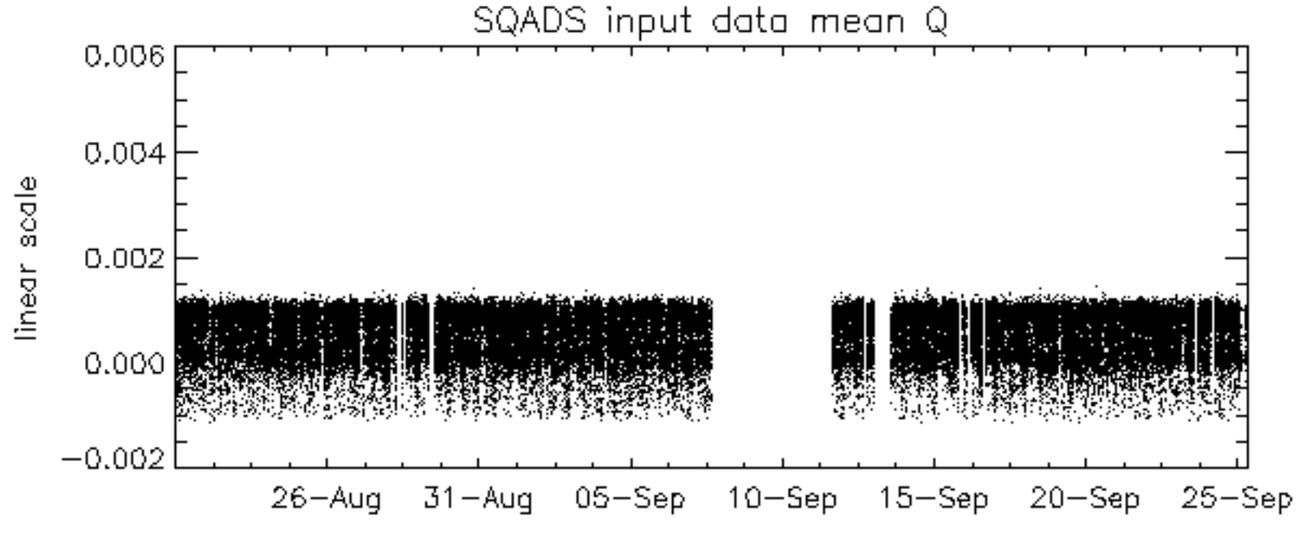

Reference: 2001-02-09 14:08:23 V
Test : 2006-09-22 03:34:19 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

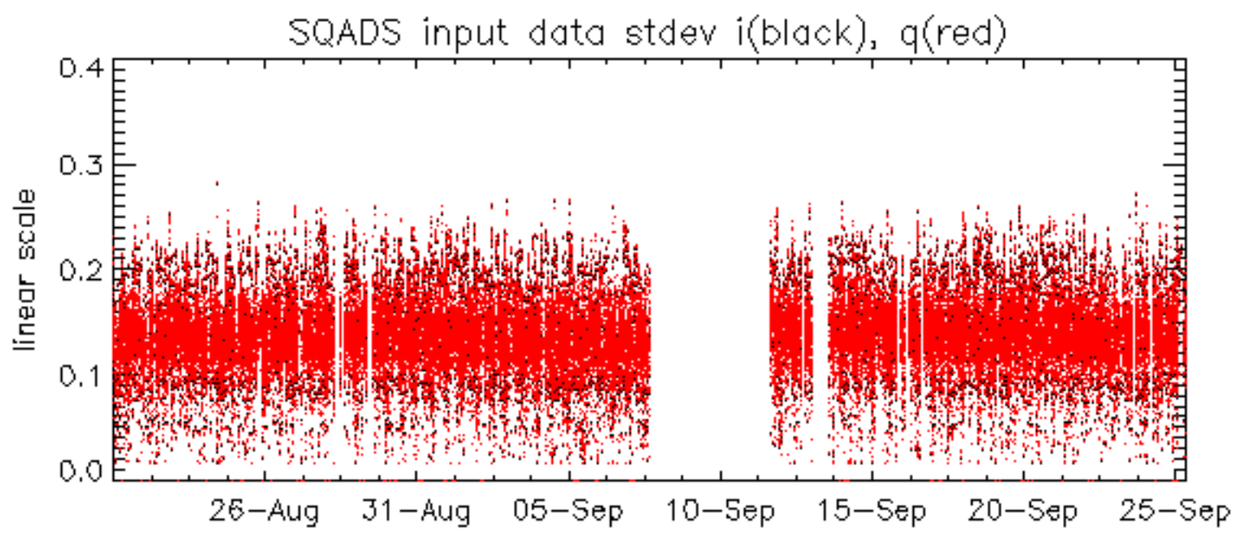

Reference: 2005-09-29 07:47:20 V
Test : 2006-09-22 03:34:19 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

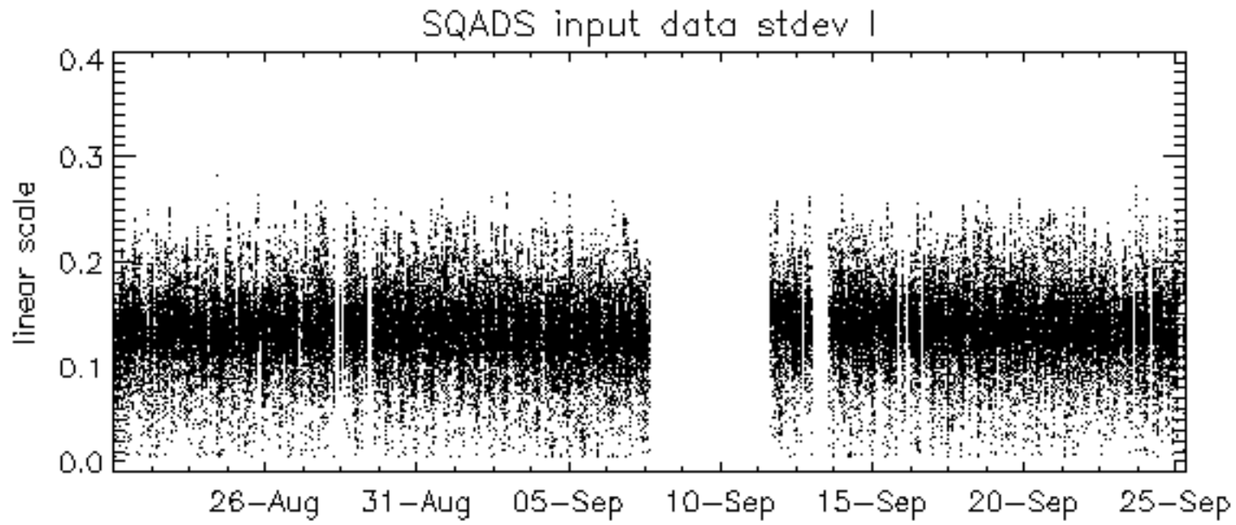

I/Q Gain Imbalance
0.30
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00 0.05 0.10 0.15 0.20 0.25 0.30
stdev I

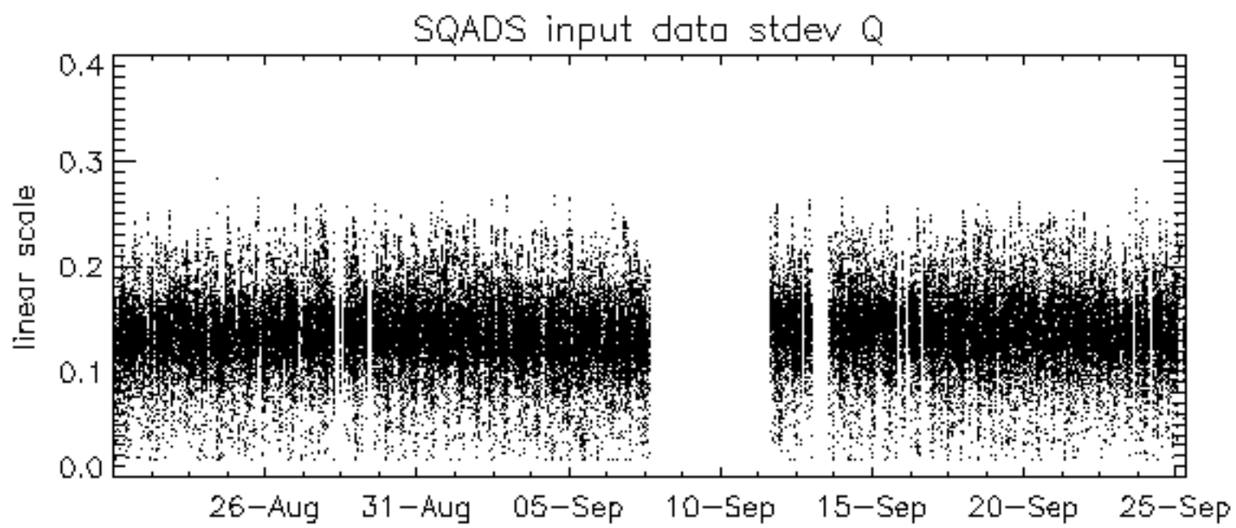

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep
20−Sep
25−Sep

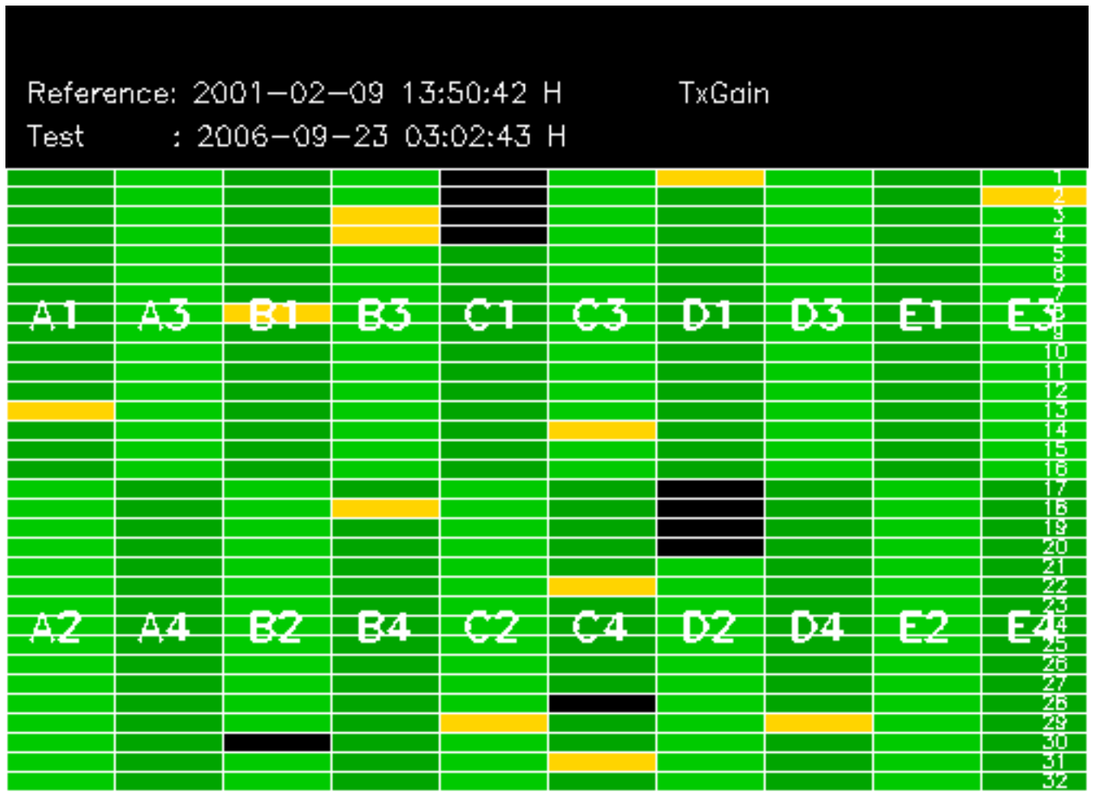

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep
20−Sep
25−Sep

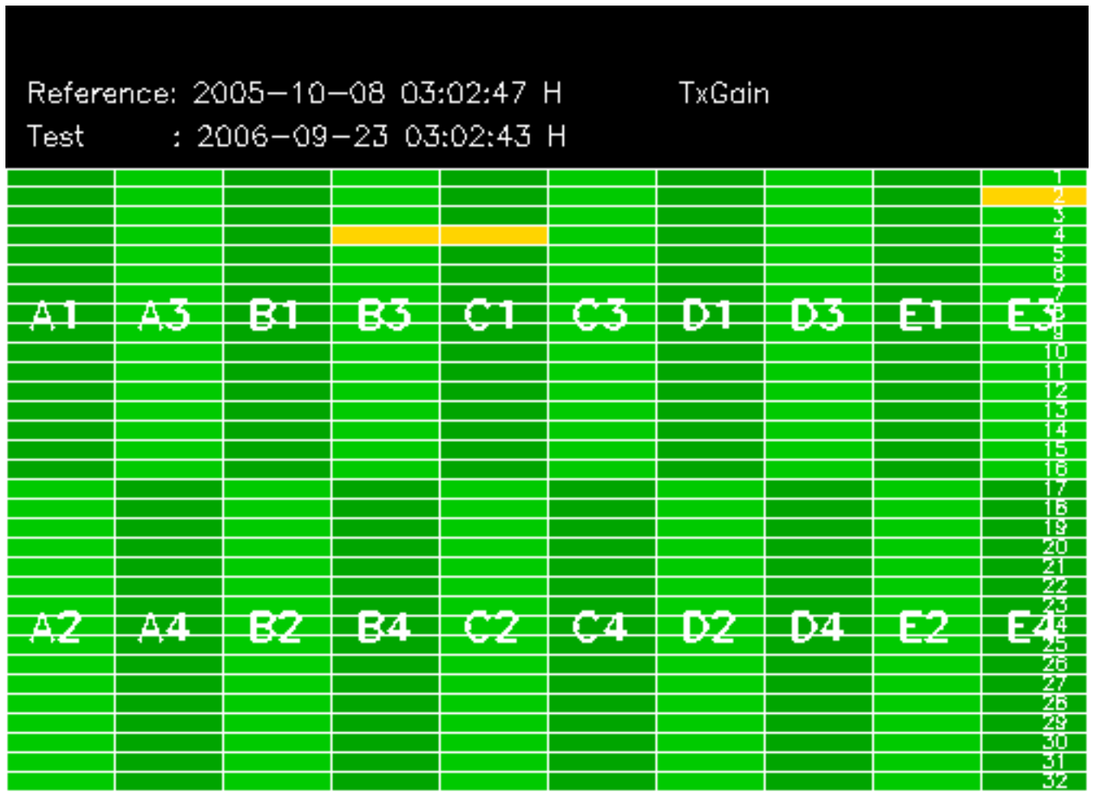

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
26−Aug
31−Aug
05−Sep
10−Sep
15−Sep
20−Sep
25−Sep


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


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
26-Aug
31-Aug
05-Sep
10-Sep
15-Sep
20-Sep
25-Sep


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
26-Aug
31-Aug
05-Sep
10-Sep
15-Sep
20-Sep
25-Sep


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-23 03:02:43 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-09-23 03:02:43 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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E4
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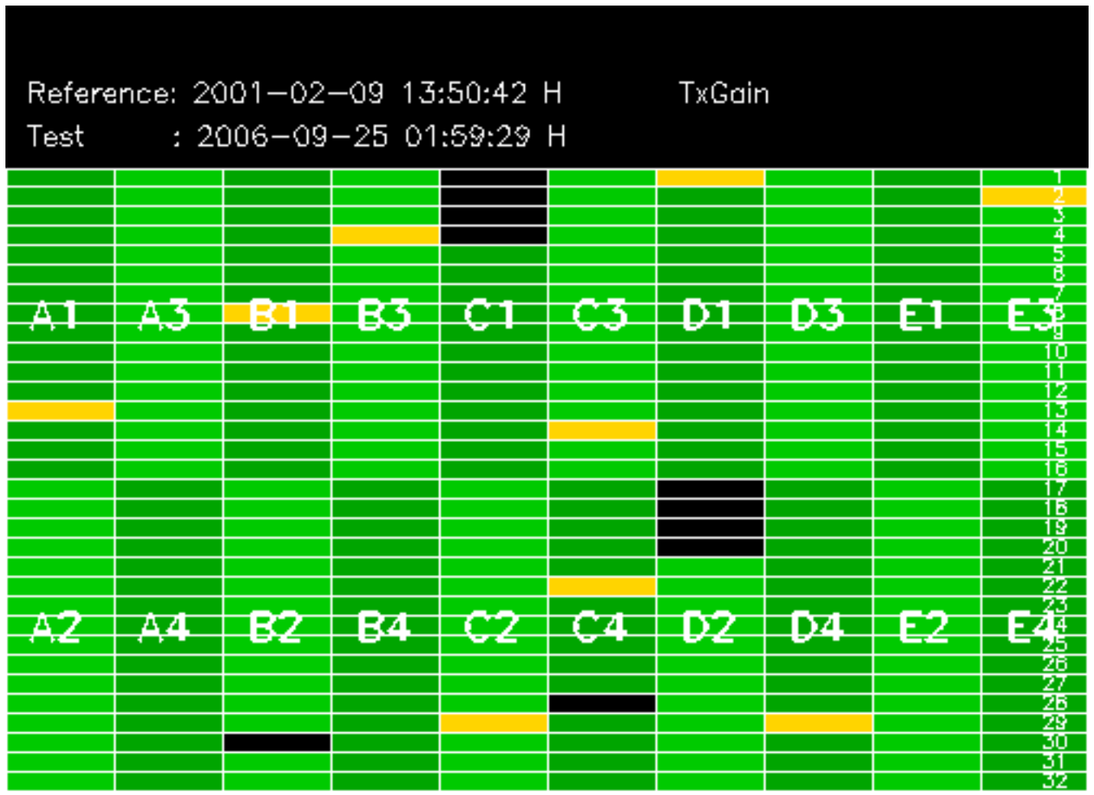
Reference: 2001-02-09 13:50:42 H
Test : 2006-09-25 01:59:29 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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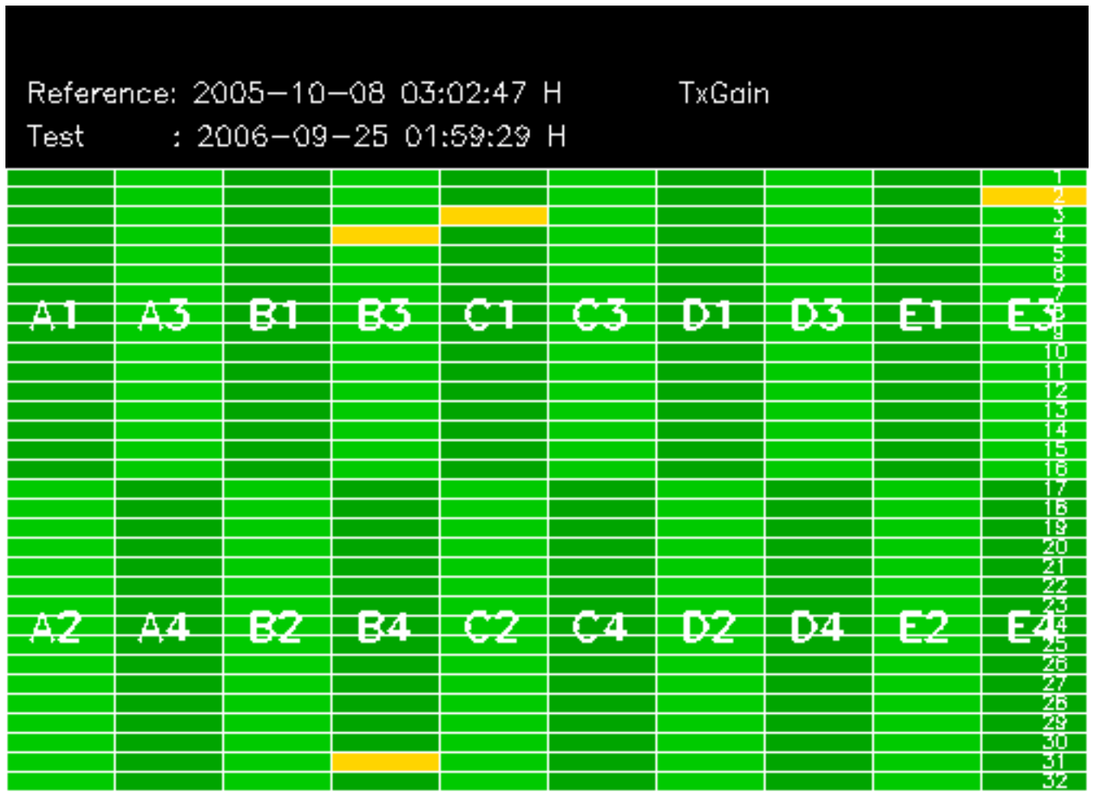
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-25 01:59:29 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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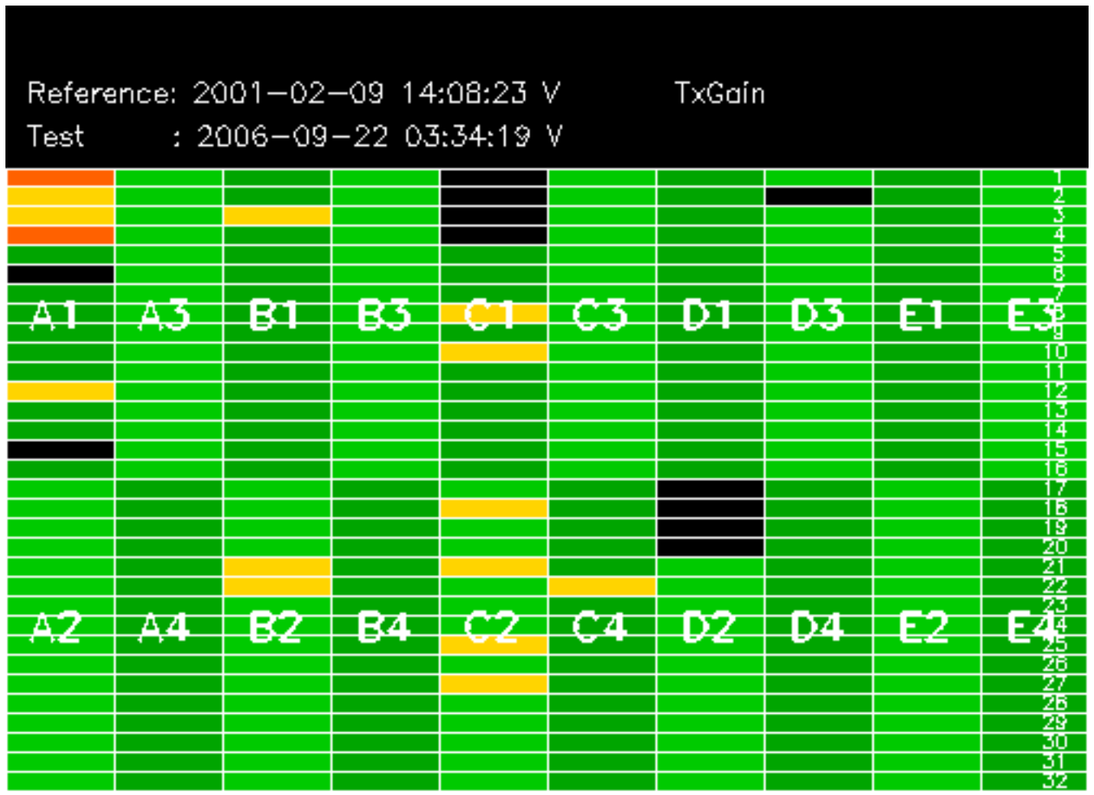
Reference: 2001-02-09 14:08:23 V
Test : 2006-09-22 03:34:19 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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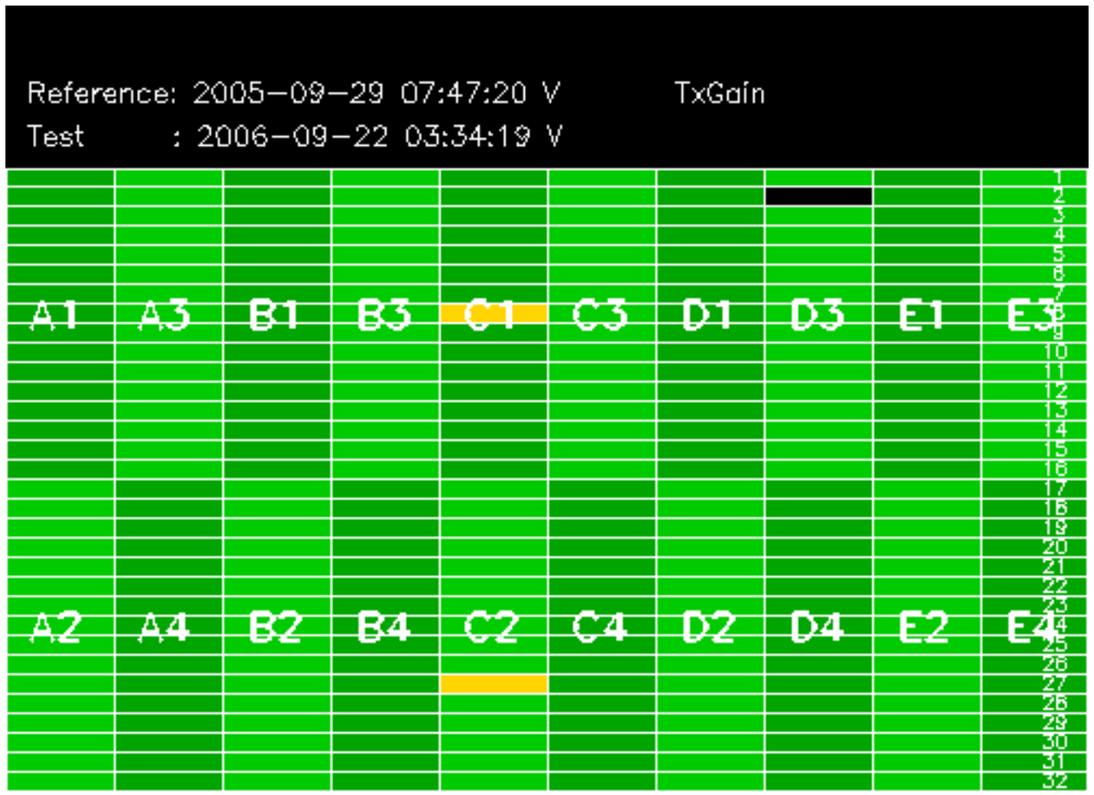
Reference: 2005-09-29 07:47:20 V
Test : 2006-09-22 03:34:19 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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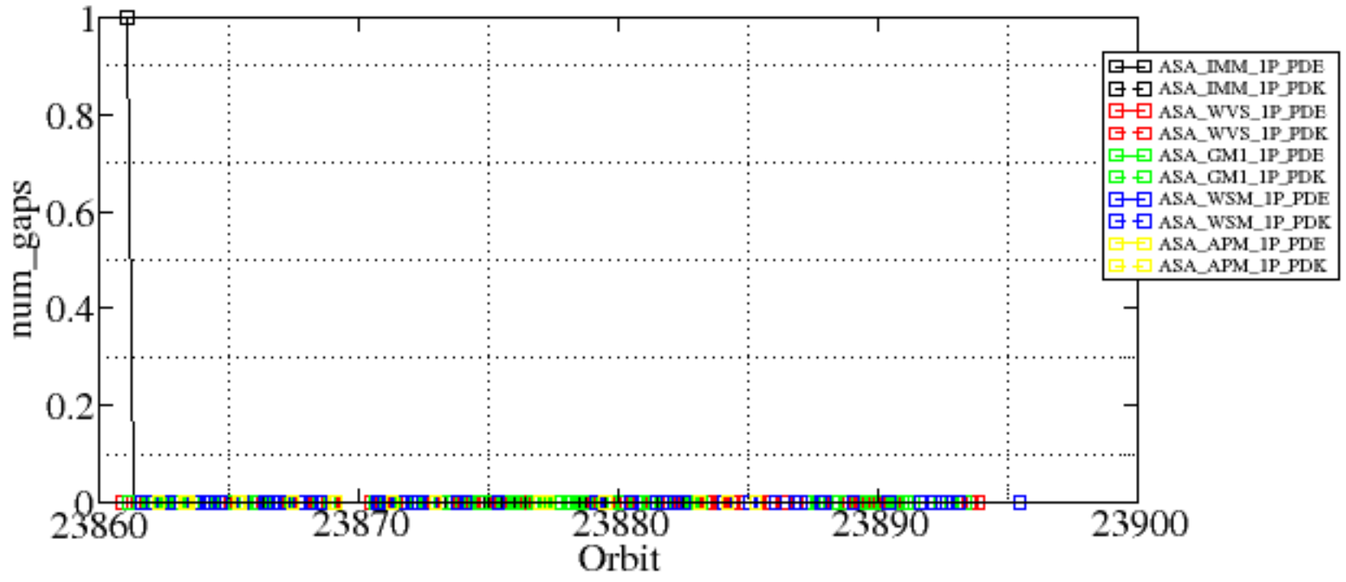
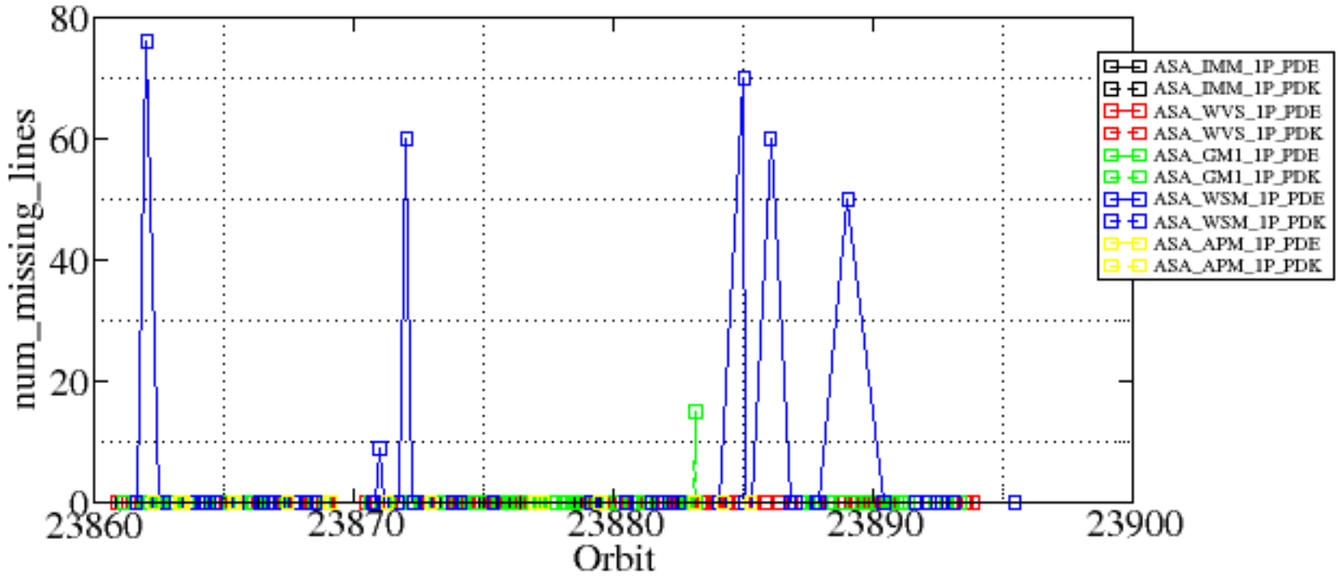
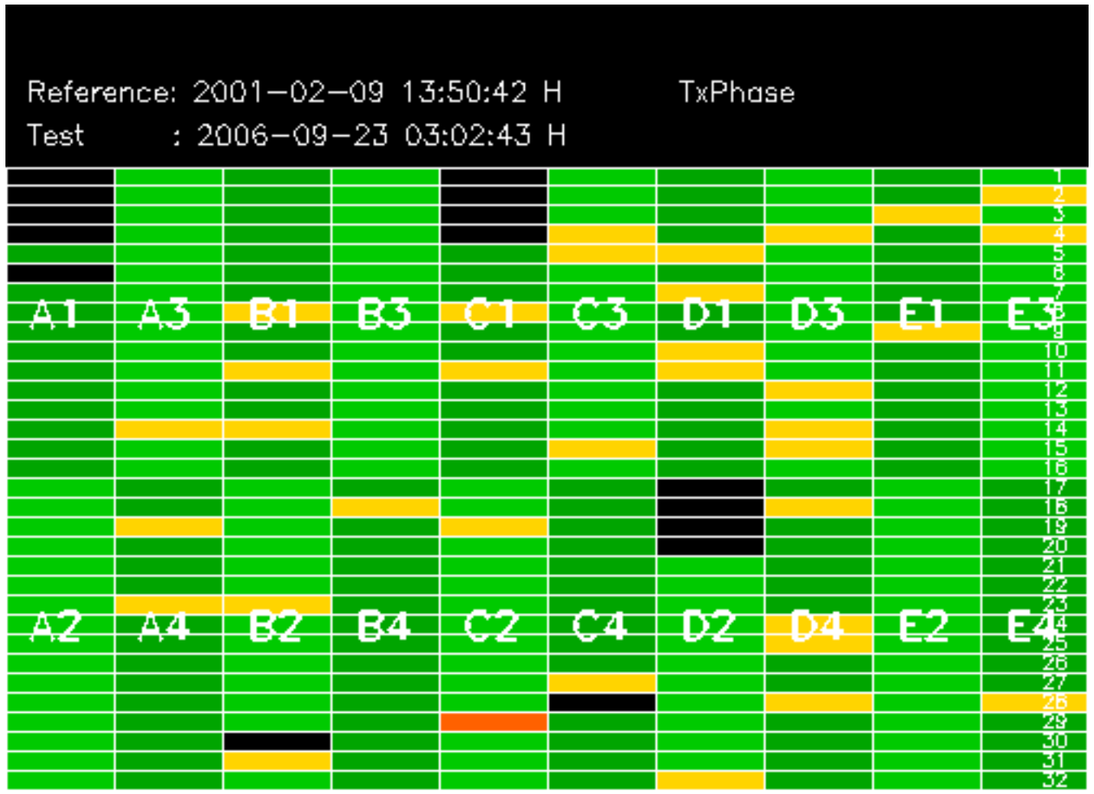
Summary of analysis for the last 3 days 2006092[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060923_002304_000002162051_00260_23861_6274.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_GM1_1PNPDK20060924_132252_000006402051_00282_23883_5084.N1 </td> <td>0 </td> <td>15 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060923_015903_000001462051_00261_23862_3490.N1 </td> <td>0 </td> <td>76 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060923_170154_000002452051_00270_23871_3584.N1 </td> <td>0 </td> <td>9 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060923_184505_000003062051_00271_23872_3602.N1 </td> <td>0 </td> <td>60 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060924_163151_000001282051_00284_23885_3698.N1 </td> <td>0 </td> <td>70 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060924_181428_000002142051_00285_23886_3707.N1 </td> <td>0 </td> <td>60 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060924_231433_000000972051_00288_23889_3734.N1 </td> <td>0 </td> <td>50 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
23860
23870
23880
23890
23900
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
ASA_APM_1P_PDK


num_missing_lines
80
60
40
20
0
23860
23870
23880
23890
23900
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
ASA_APM_1P_PDK


Reference: 2001-02-09 13:50:42 H
Test : 2006-09-23 03:02:43 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
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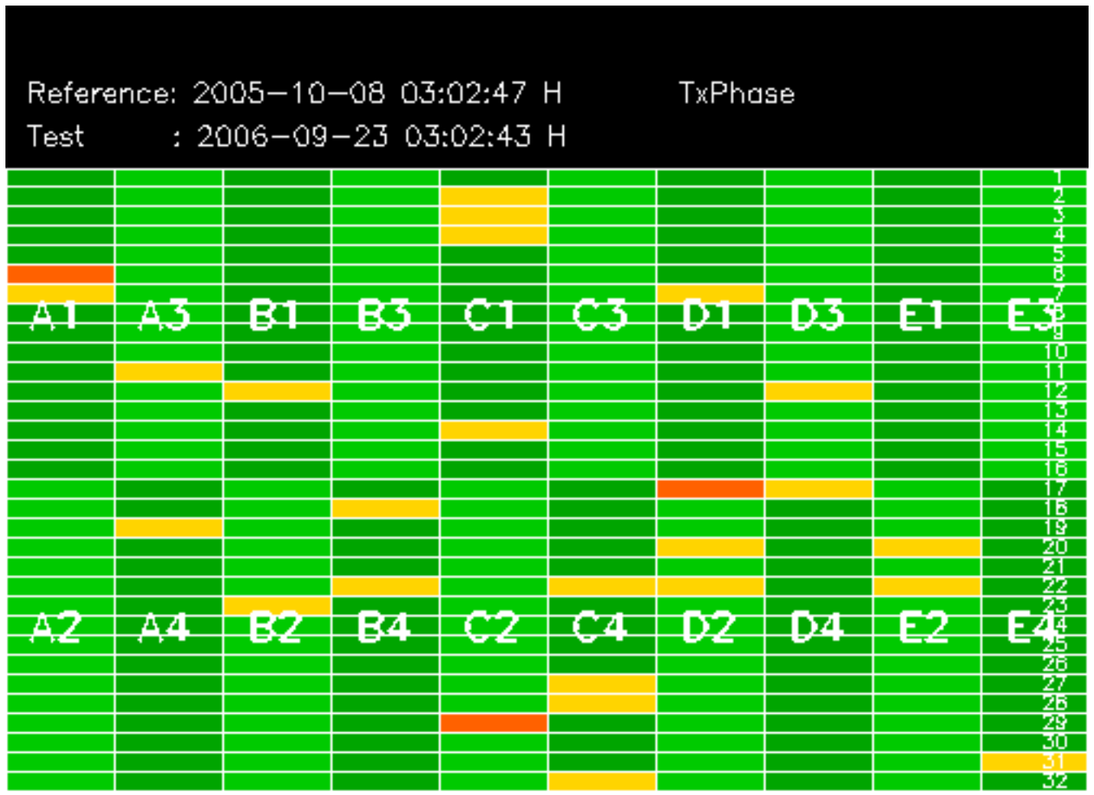
Reference: 2005-10-08 03:02:47 H
Test : 2006-09-23 03:02:43 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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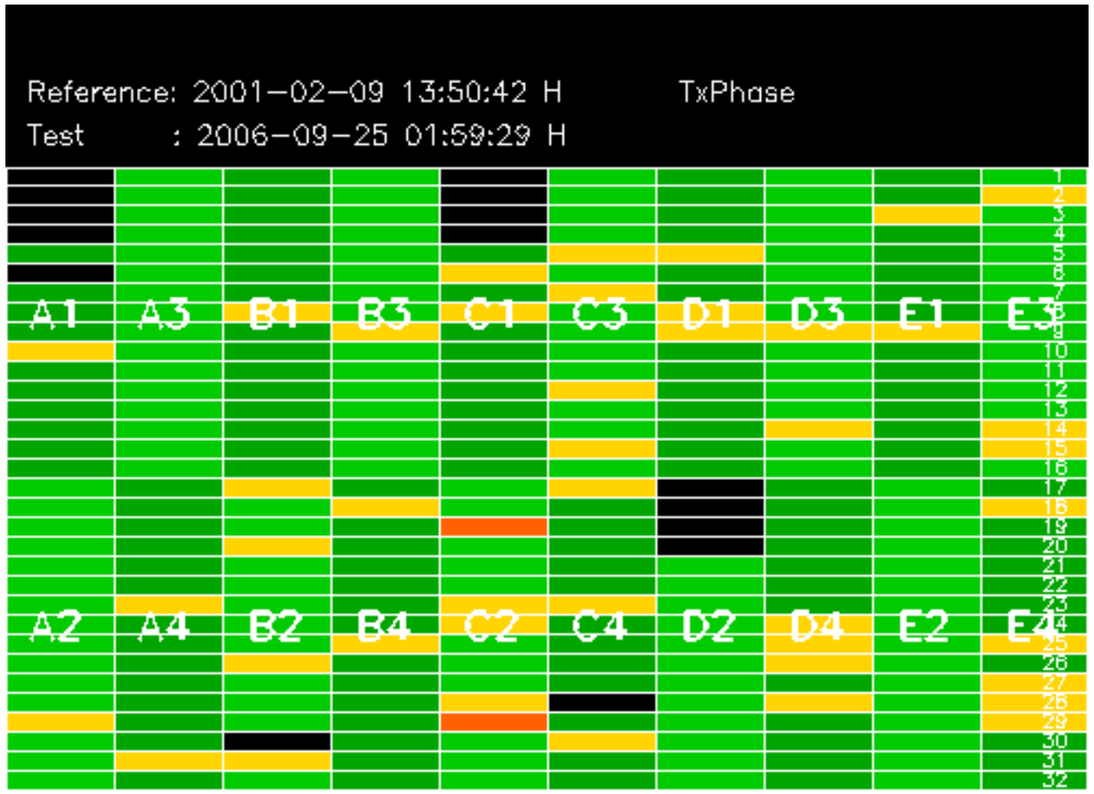
Reference: 2001-02-09 13:50:42 H
Test : 2006-09-25 01:59:29 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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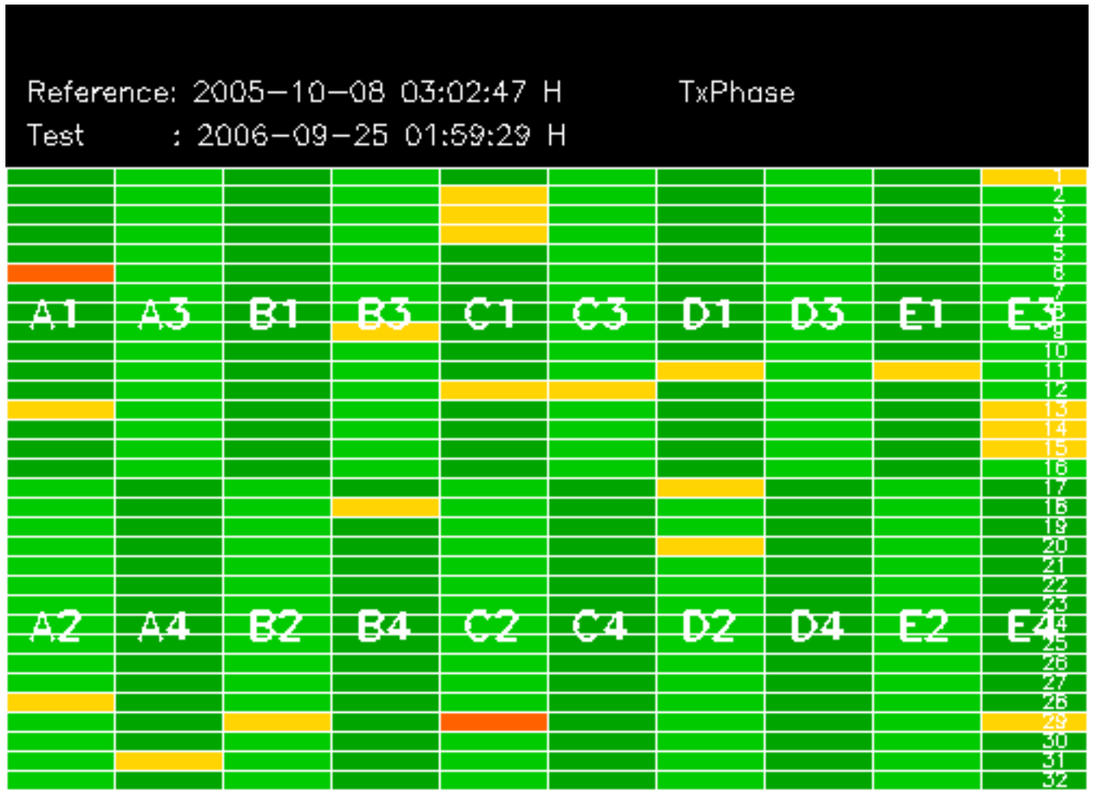
Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-09-25 01:59:29 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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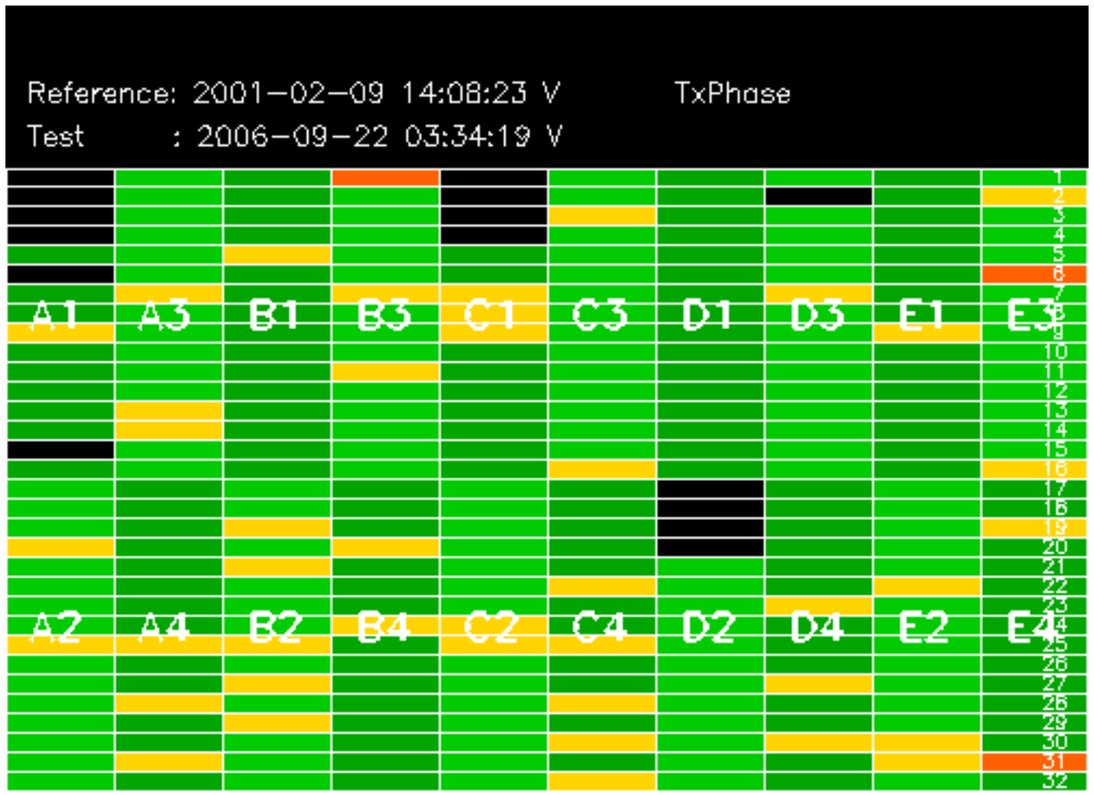
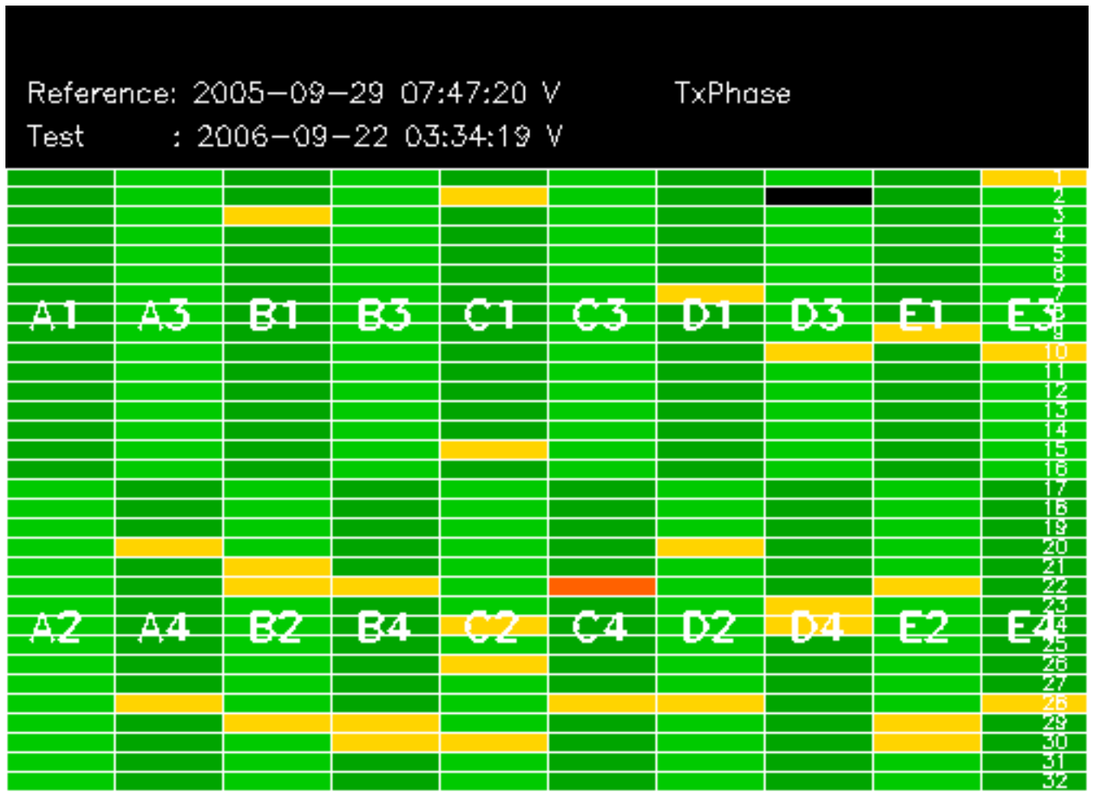
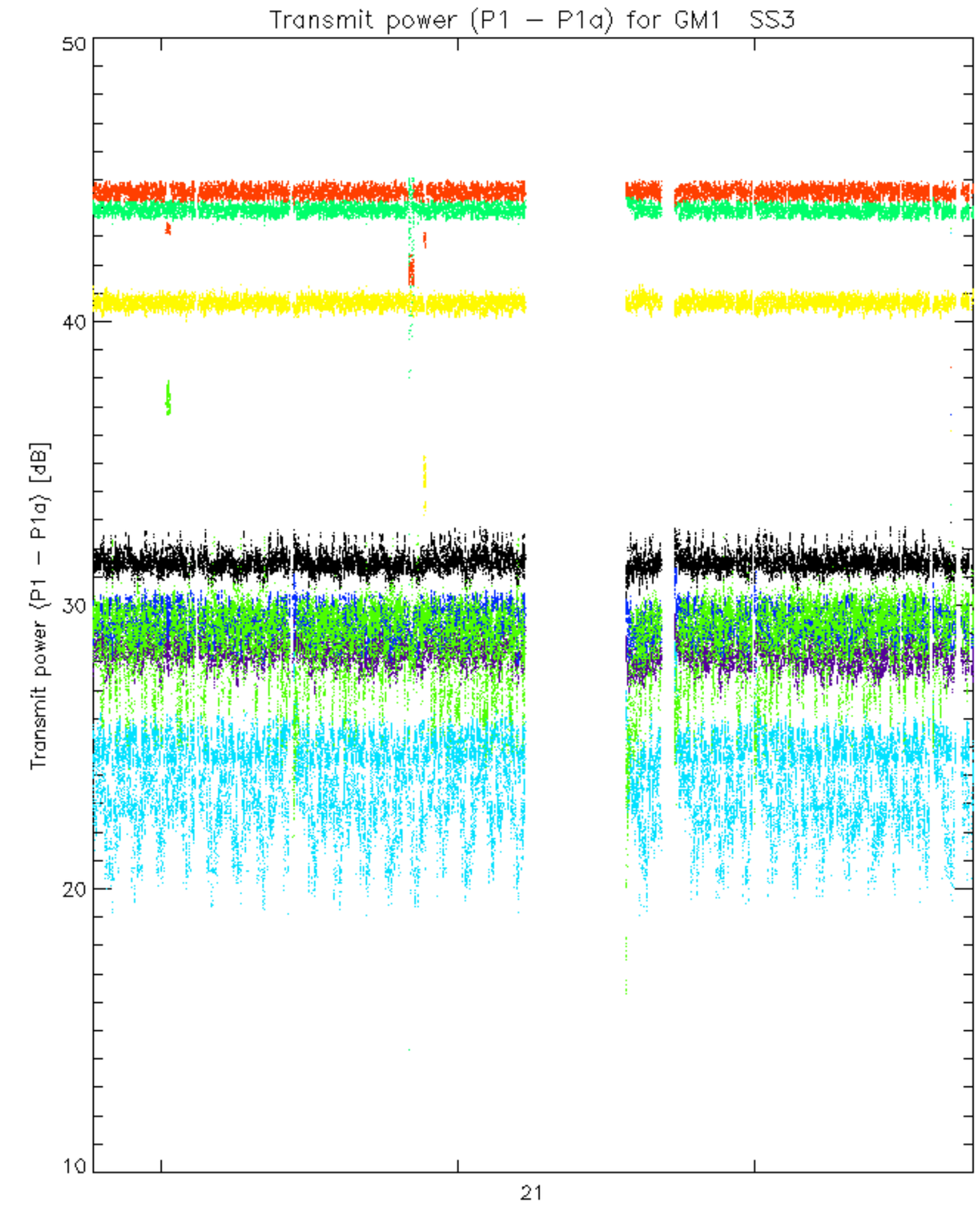
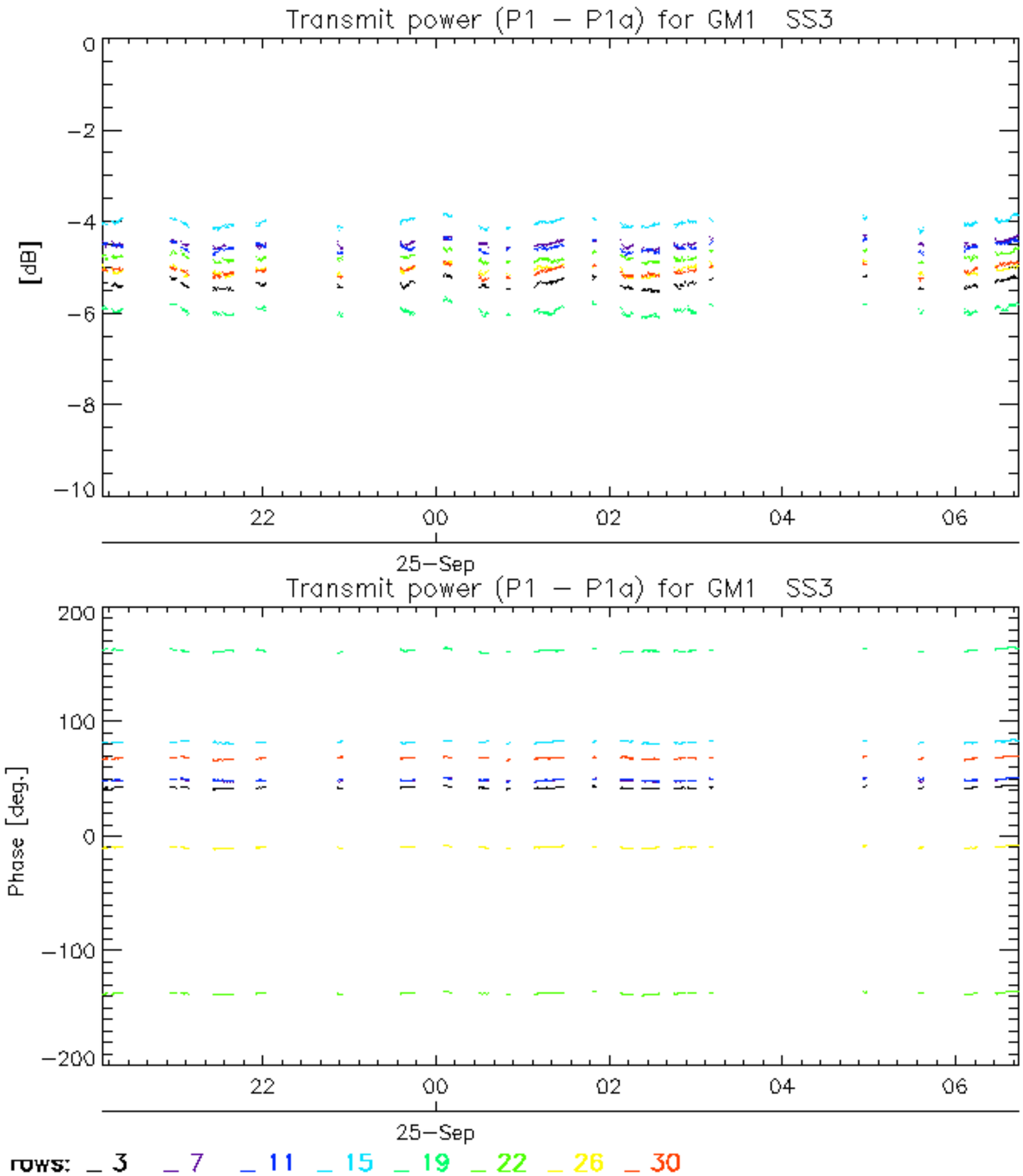
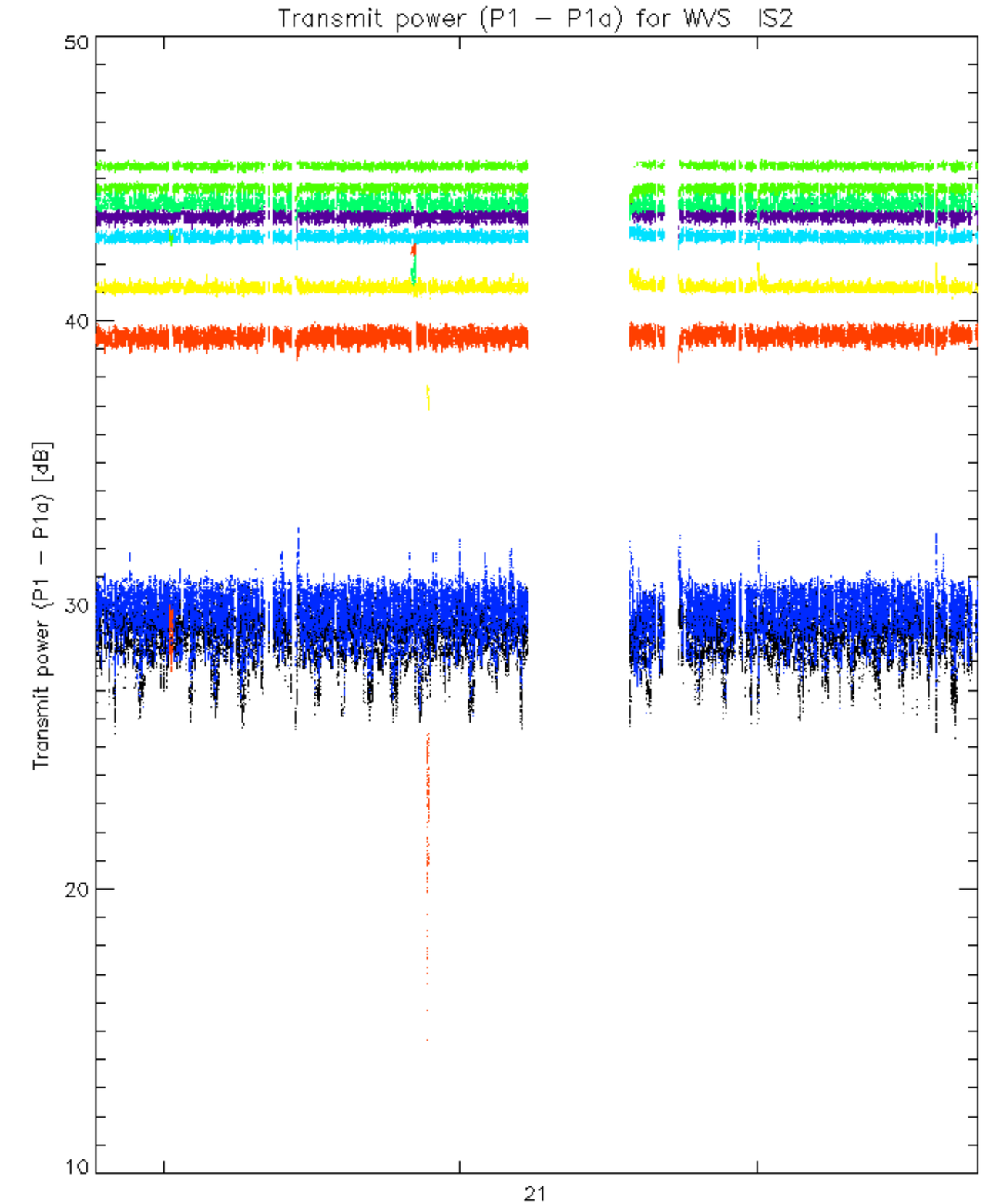
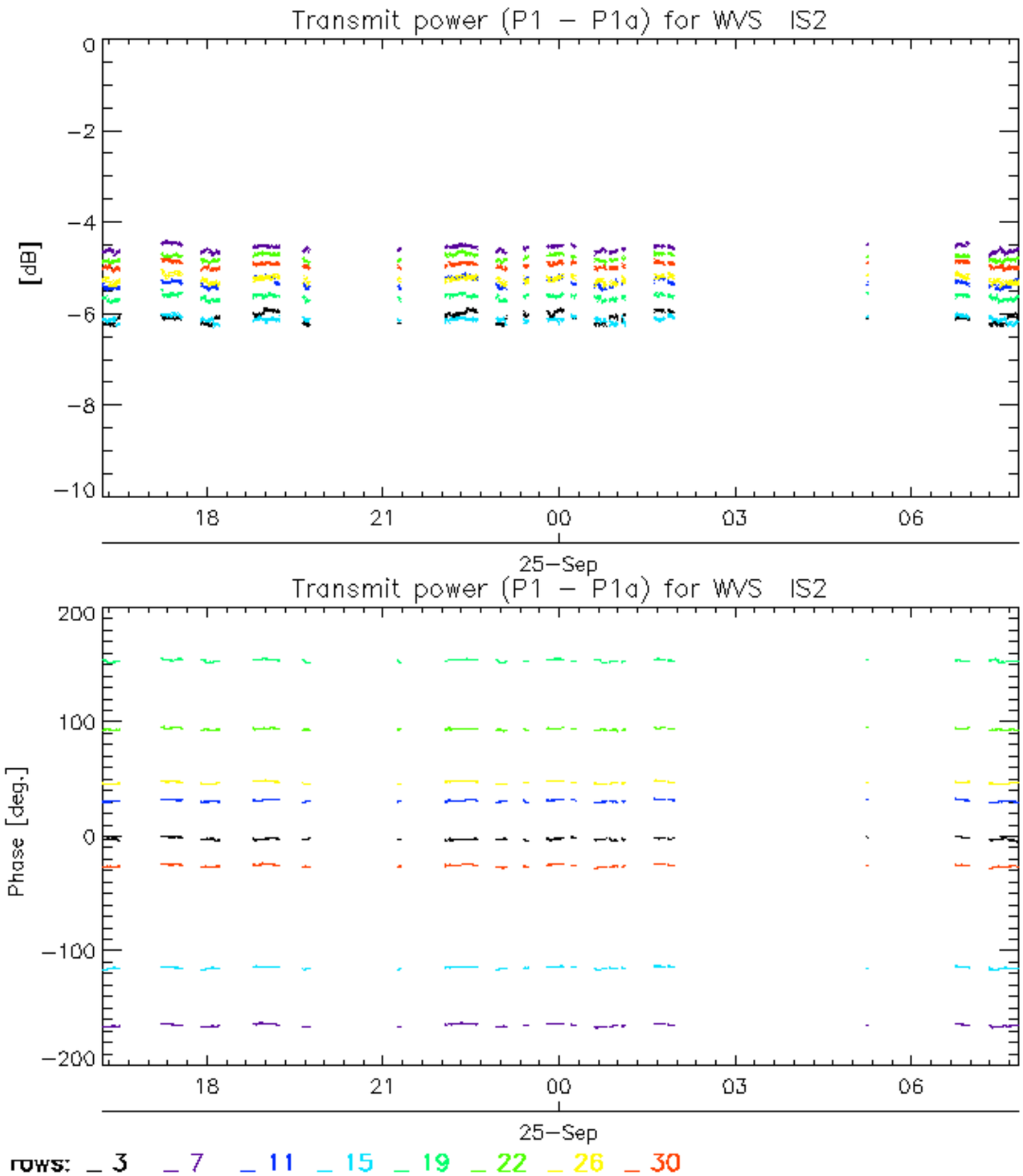

Reference: 2001-02-09 14:08:23 V
TxPhase
Test : 2006-09-22 03:34:19 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-09-22 03:34:19 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
50
40
30
20
10
Transmit power (P1 – P1a) [dB]
21
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
22
00
02
04
06
25–Sep
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
22
00
02
04
06
25–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]
21
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
25–Sep
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
25–Sep
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.