PRELIMINARY REPORT OF 060527

last update on Sat May 27 16:46:19 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 2006-05-26 00:00:00 to 2006-05-27 16:46:19

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	40	69	14	0	26
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	40	69	14	0	26
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	40	69	14	0	26
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	40	69	14	0	26

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	40	57	36	26	73
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	40	57	36	26	73
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	40	57	36	26	73
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	40	57	36	26	73

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	20060526 055509
H	20060527 084444

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	-3.964548	0.017241	0.021315
7	P1	-3.097744	0.017135	-0.097282
11	P1	-4.108451	0.018331	-0.031568
15	P1	-6.129500	0.020295	-0.023956
19	P1	-3.317338	0.008464	-0.037803
22	P1	-4.523661	0.011028	0.023623
26	P1	-3.996231	0.019434	0.052458
30	P1	-5.743745	0.019331	-0.043179
3	P1	-16.595106	0.292454	0.184472
7	P1	-17.096432	0.187896	-0.277401
11	P1	-16.896280	0.327114	-0.188117
15	P1	-13.209796	0.208803	-0.157354
19	P1	-14.246165	0.047075	-0.138924
22	P1	-16.153906	0.393541	-0.093251
26	P1	-15.292676	0.254886	0.114782
30	P1	-16.985291	0.353358	-0.294384

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.232321	0.082716	0.128958
7	P2	-22.119797	0.099920	0.159625
11	P2	-15.960807	0.111688	0.131123
15	P2	-7.169204	0.093349	-0.001159
19	P2	-9.165840	0.086010	-0.030203
22	P2	-18.112103	0.083714	-0.097893
26	P2	-16.359657	0.088857	-0.093021
30	P2	-19.592590	0.085553	0.055532

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.191862	0.003743	0.004308
7	P3	-8.191862	0.003743	0.004308
11	P3	-8.191862	0.003743	0.004308
15	P3	-8.191862	0.003743	0.004308
19	P3	-8.191862	0.003743	0.004308
22	P3	-8.191862	0.003743	0.004308
26	P3	-8.191878	0.003744	0.004431
30	P3	-8.191878	0.003744	0.004431

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	-3.770278	0.085475	-0.116640
7	P1	-2.620488	0.123067	0.079501
11	P1	-2.866598	0.039420	-0.021401
15	P1	-3.499364	0.056533	0.010348
19	P1	-3.396084	0.014744	-0.030375
22	P1	-5.091697	0.021401	0.027647
26	P1	-5.840163	0.020478	-0.023980
30	P1	-5.184721	0.043226	-0.049126
3	P1	-11.606660	0.138229	-0.077164
7	P1	-9.962683	0.168352	0.044701
11	P1	-10.193806	0.111178	0.016655
15	P1	-10.626729	0.162223	0.061623
19	P1	-15.503407	0.086099	-0.097693
22	P1	-20.865648	1.237931	-0.224309
26	P1	-16.481697	0.359053	-0.114171
30	P1	-18.046328	0.471617	0.232255

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.914120	0.072067	0.068501
7	P2	-22.524885	0.176108	-0.011858
11	P2	-11.191977	0.049600	0.010462
15	P2	-4.904146	0.042286	-0.052565
19	P2	-6.880168	0.041151	-0.023421
22	P2	-8.194347	0.052464	-0.044928
26	P2	-24.092522	0.125883	-0.110338
30	P2	-22.061932	0.088322	-0.058930

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.024664	0.003937	0.003588
7	P3	-8.024733	0.003943	0.003670
11	P3	-8.024711	0.003922	0.003362
15	P3	-8.024555	0.003937	0.003660
19	P3	-8.024727	0.003941	0.003803
22	P3	-8.024763	0.003923	0.003580
26	P3	-8.024617	0.003925	0.003006
30	P3	-8.024698	0.003938	0.003342

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	0.000533359
	stdev	1.88355e-07
MEAN Q	mean	0.000515432
	stdev	2.26457e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.134838
	stdev	0.00116222
STDEV Q	mean	0.135181
	stdev	0.00117931

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006052[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_1PNPDE20060526_054354_000000352048_00048_22146_6225.N1	1	0
ASA_IMM_1PNPDE20060527_005025_000001722048_00059_22157_6265.N1	1	0
ASA_WSM_1PNPDE20060526_021326_000000852048_00046_22144_0919.N1	0	28
ASA_WSM_1PNPDE20060526_203642_000000922048_00057_22155_1065.N1	0	47
ASA_WSM_1PNPDE20060527_000327_000003292048_00059_22157_1091.N1	0	34
ASA_WSM_1PNPDK20060526_151921_000000552048_00054_22152_6150.N1	0	42

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)

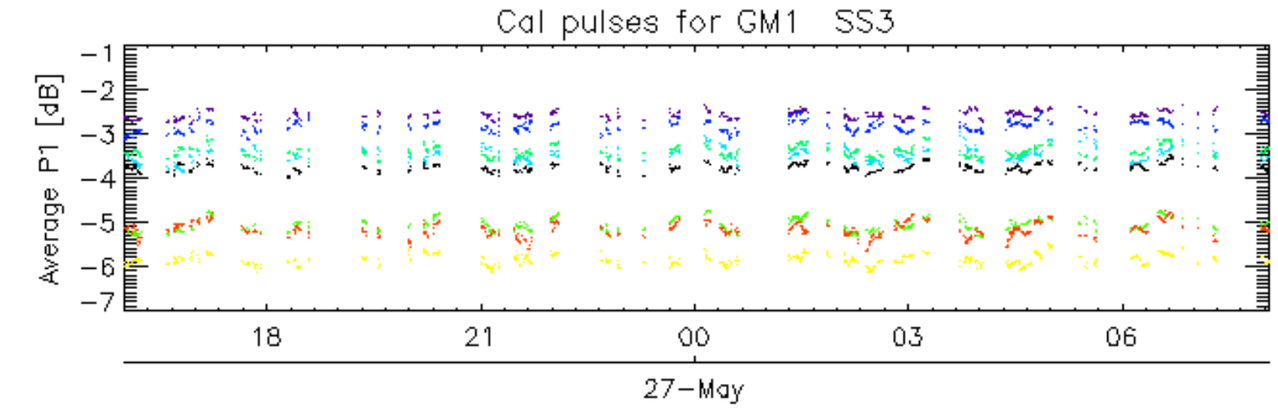
Acsending
Descending

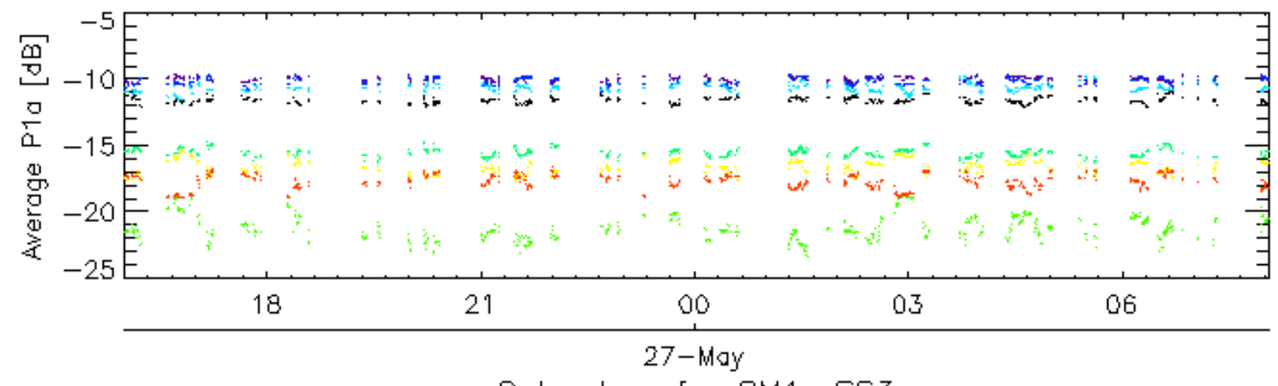
7.5 - Absolute Doppler for GM1

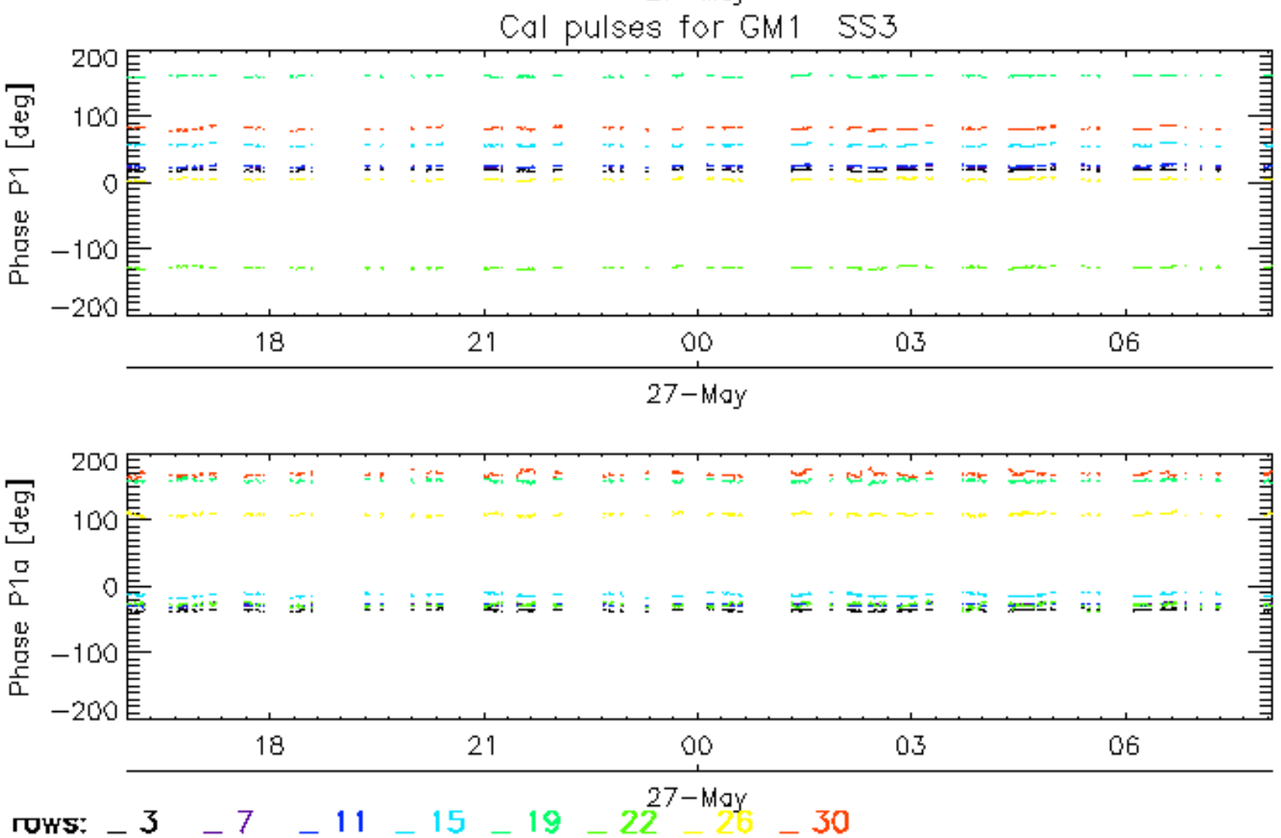
Evolution of Absolute Doppler
Acsending
Descending

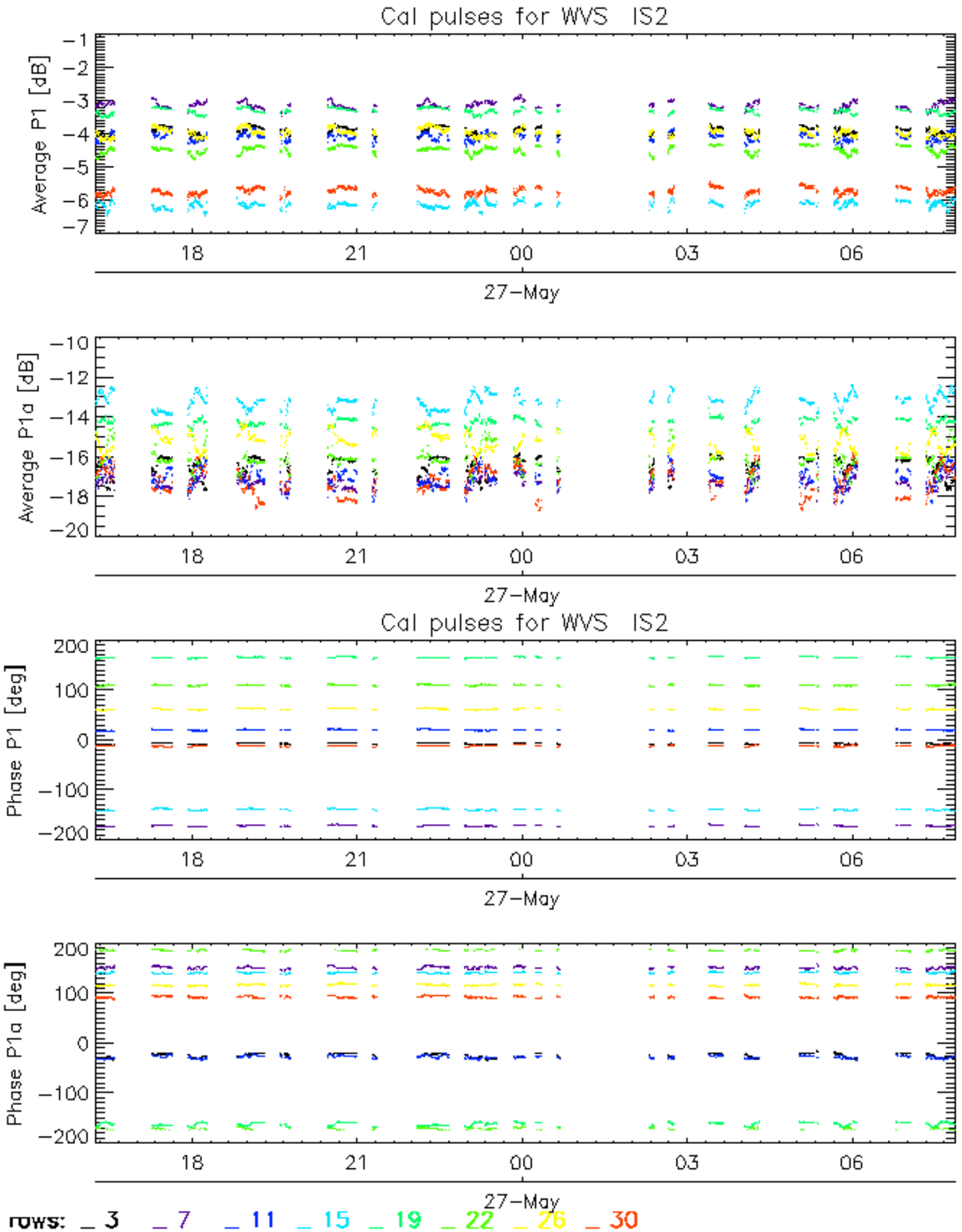
7.6 - Doppler evolution versus ANX for GM1

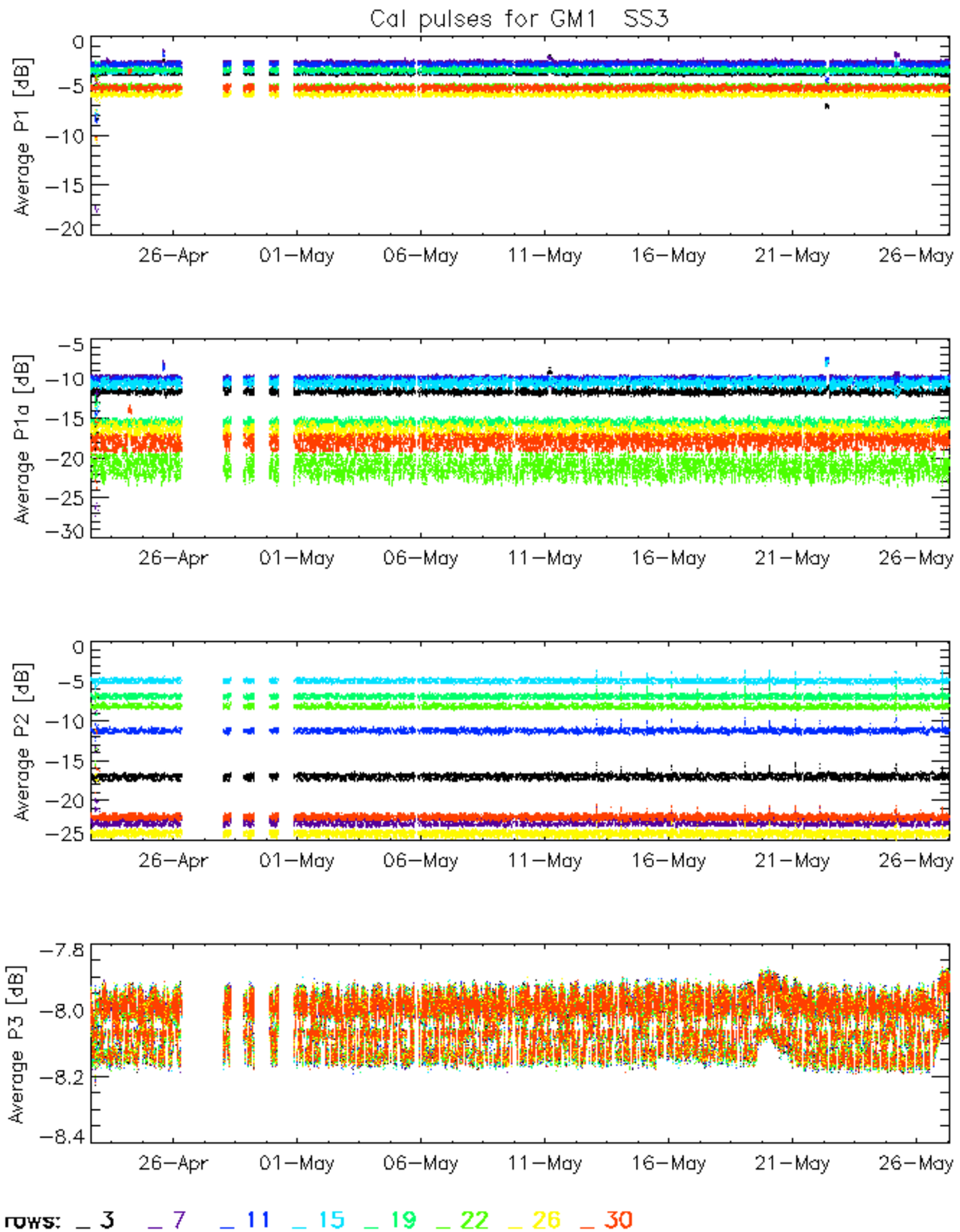
Evolution Doppler error versus ANX

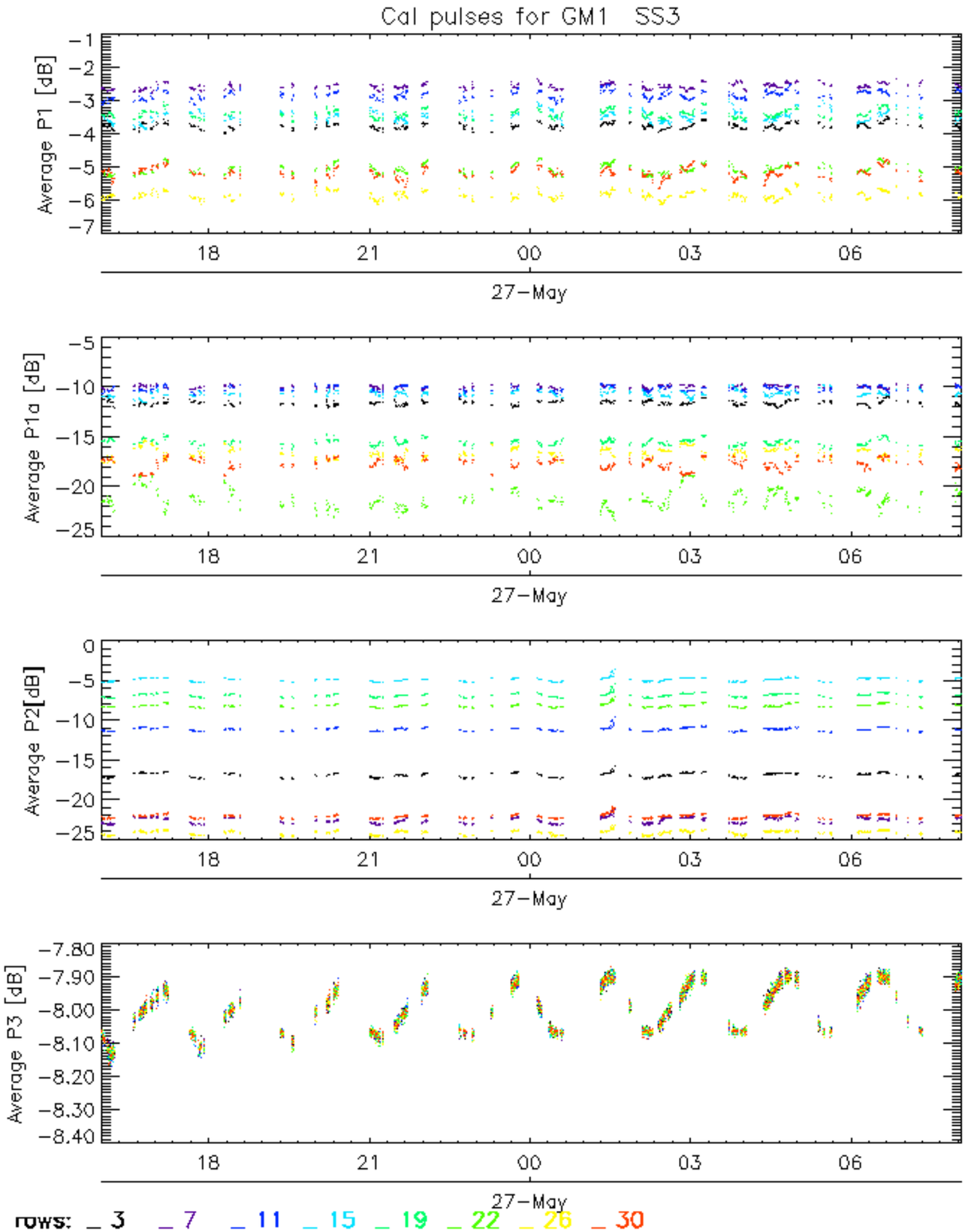

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
27−May

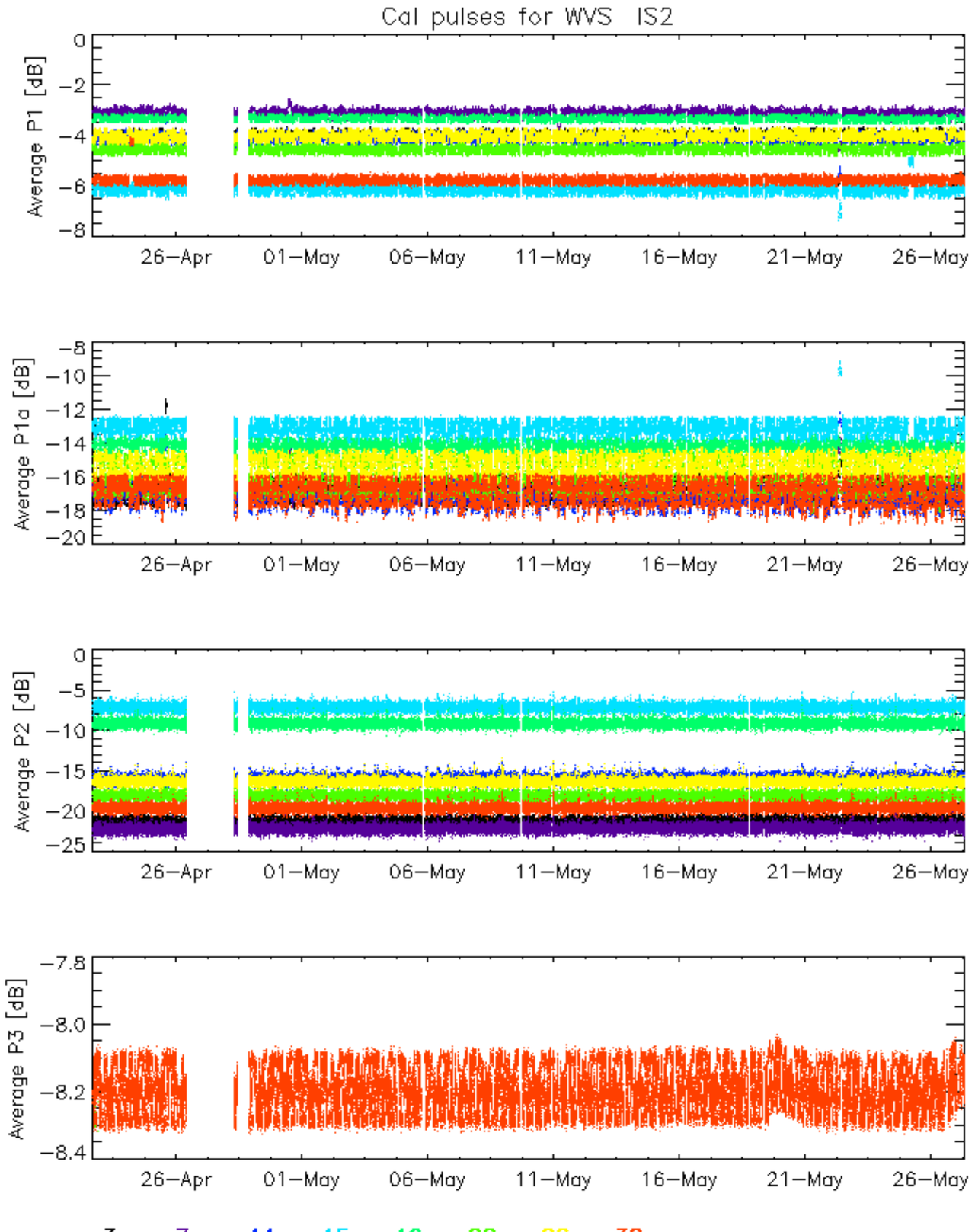

Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
27−May

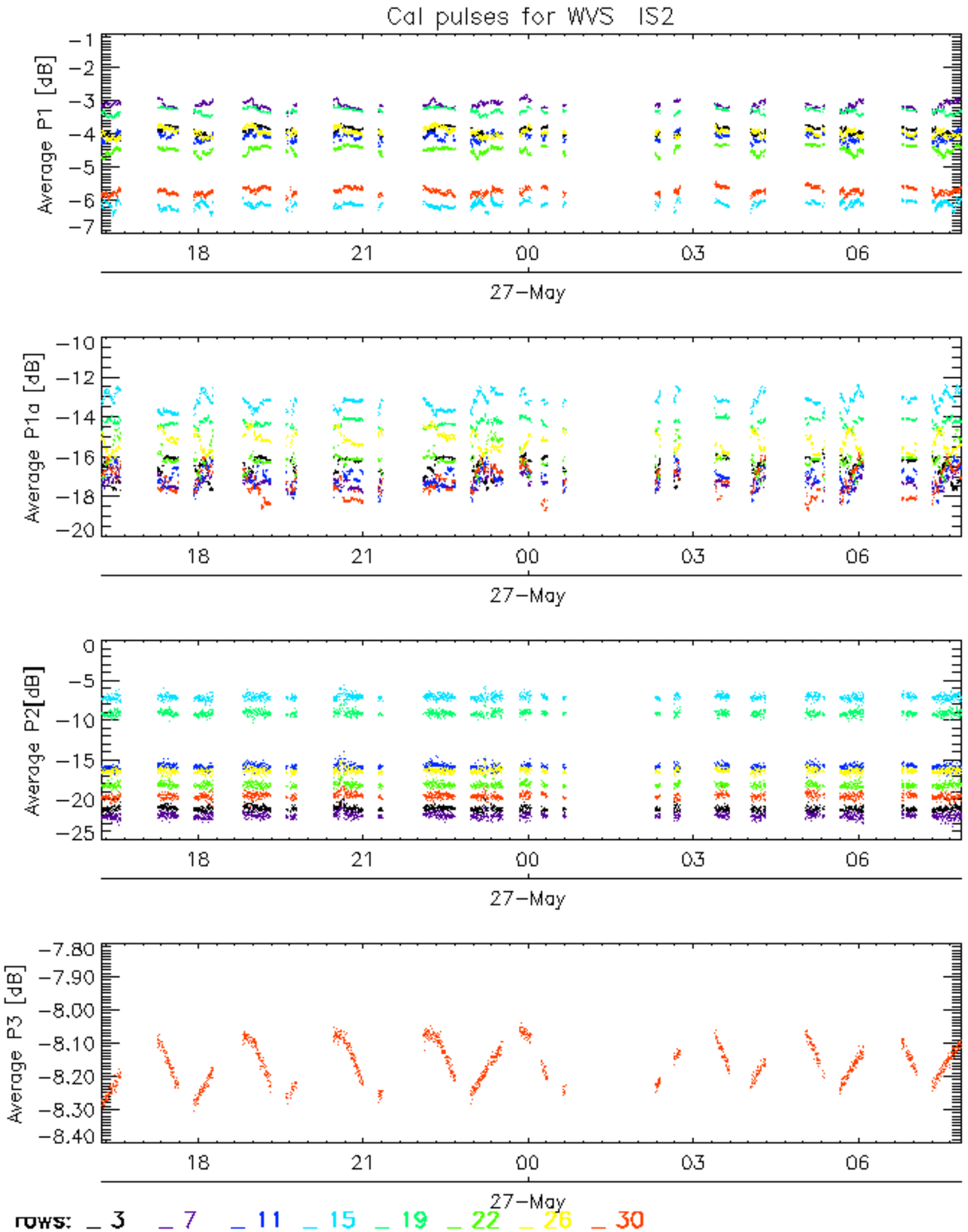

Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
27−May
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
27−May
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


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

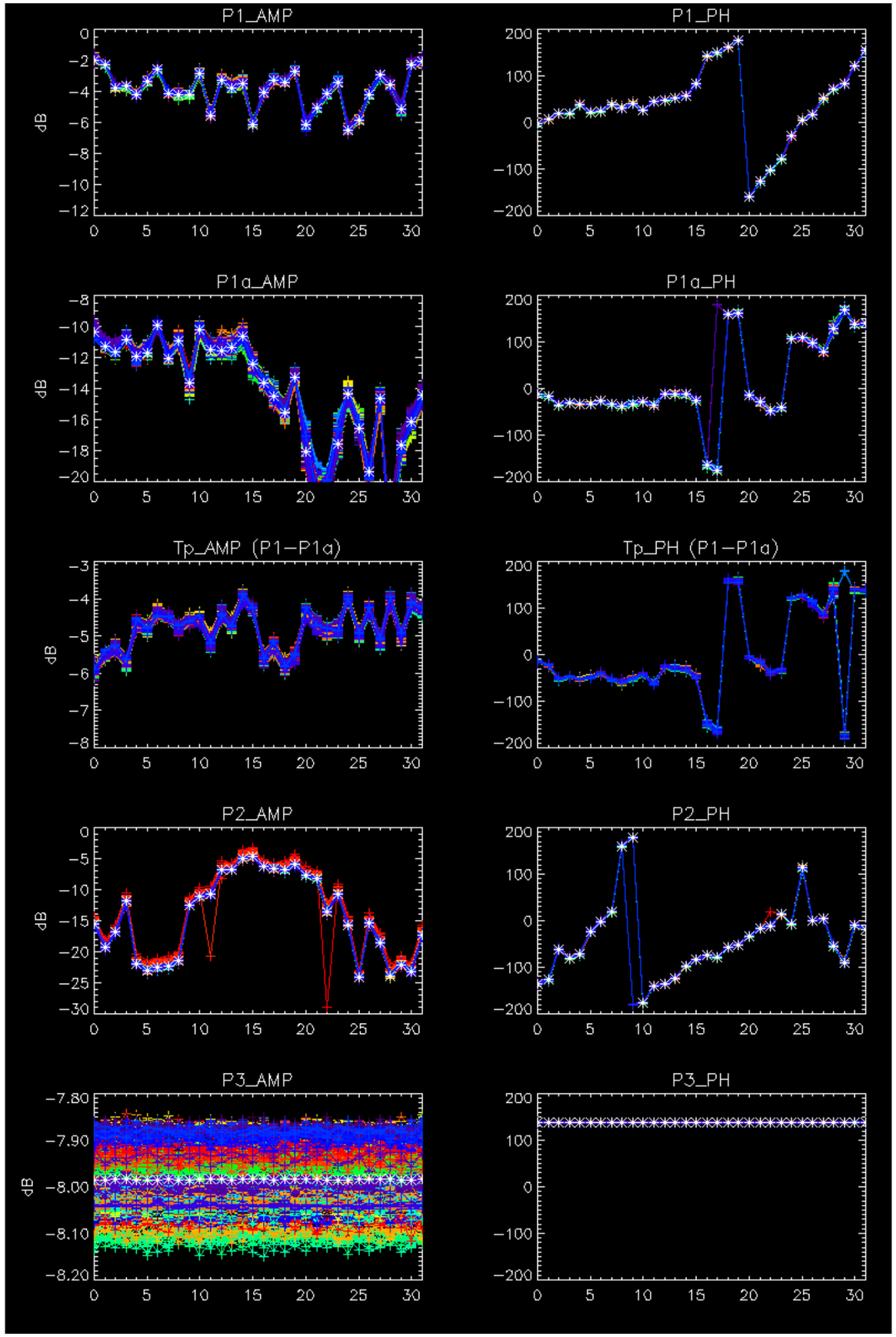

Cal pulses for GM1 SS3
Average P1 [dB]
0
−5
−10
−15
−20
Average P1a [dB]
−5
−10
−15
−20
−25
−30
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
26−Apr
01−May
06−May
11−May
16−May
21−May
26−May
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

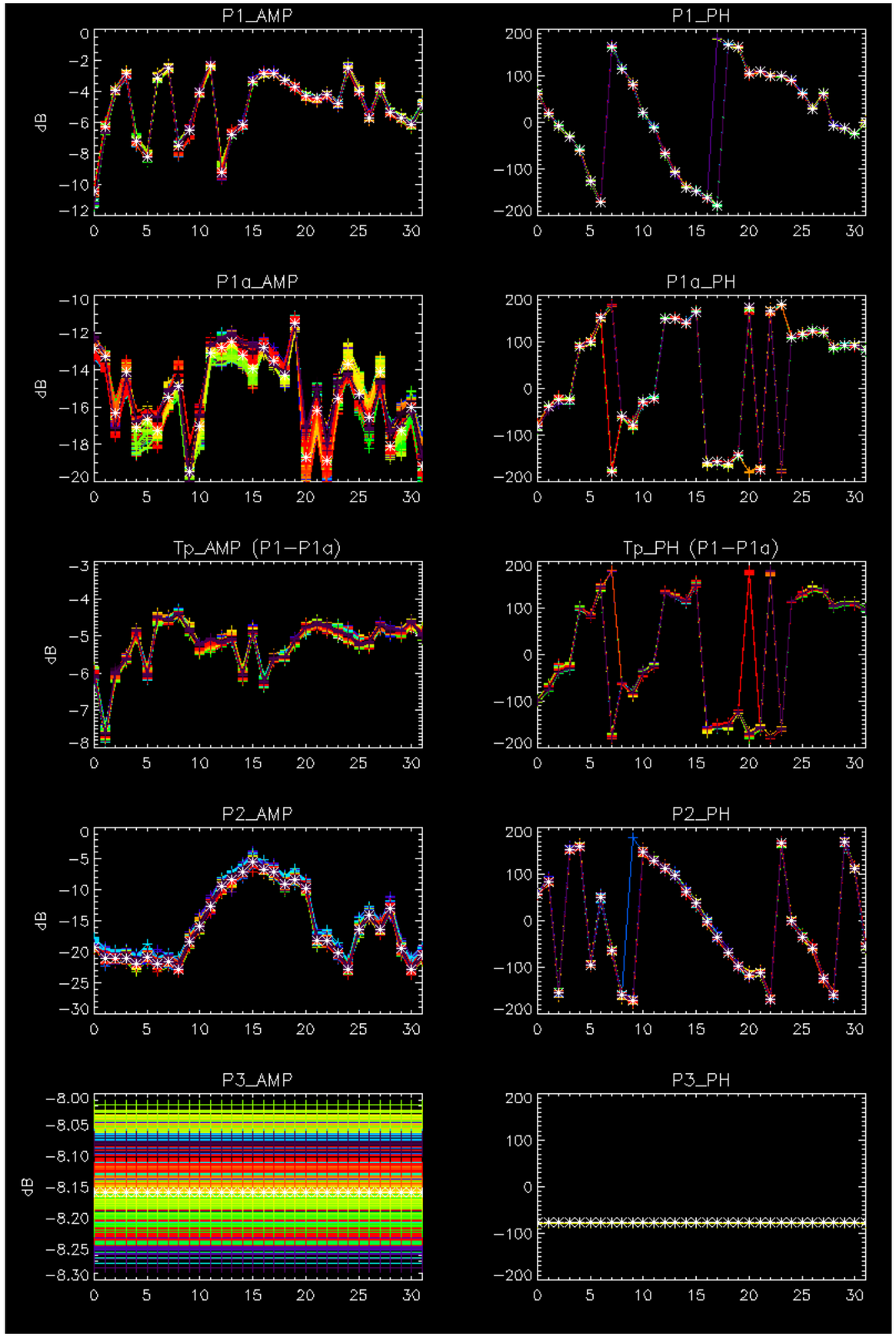

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
27−May
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
27−May
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
27−May
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
27−May
rows: _ 3 _ 7 _ 11 _ 15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


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

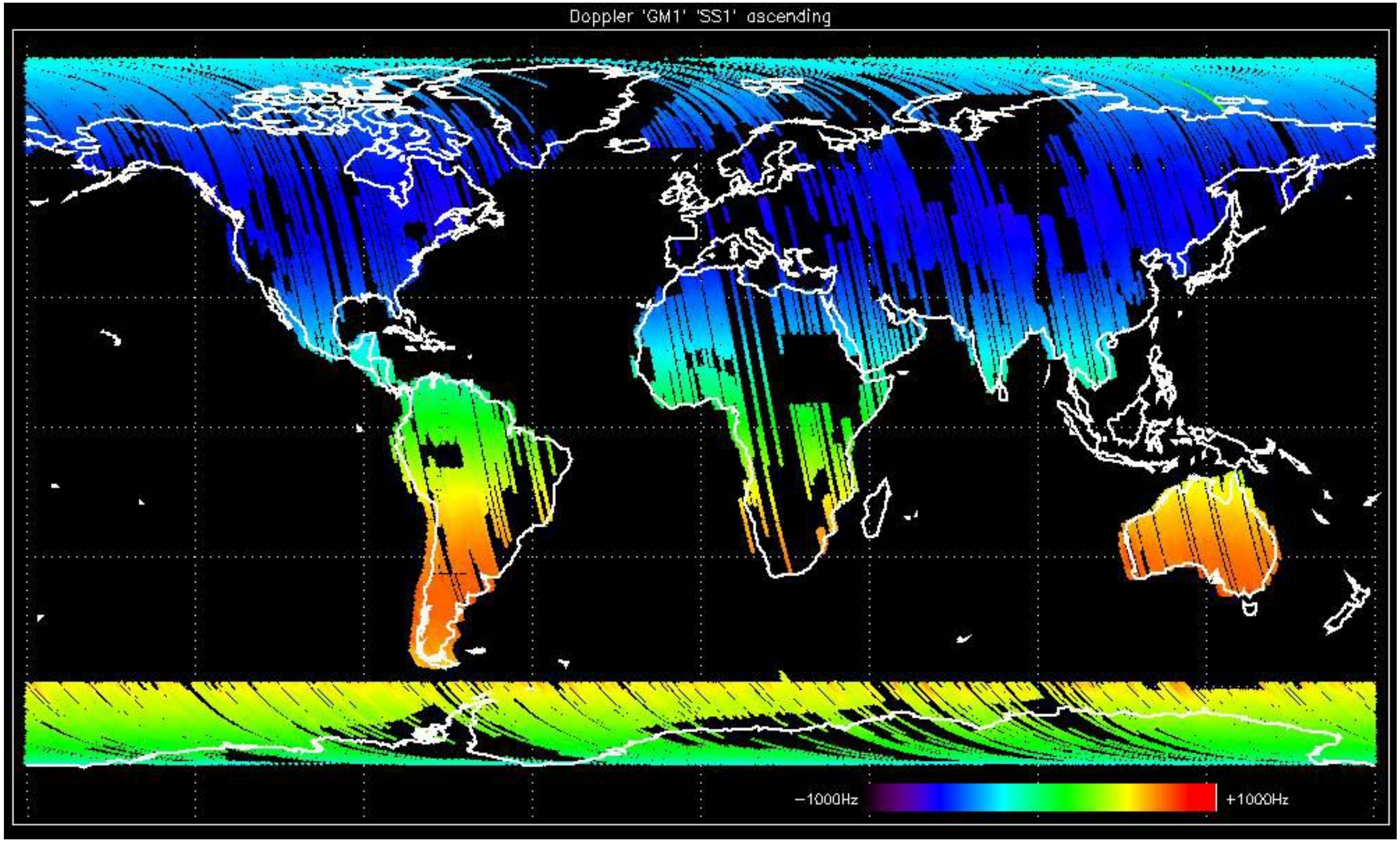
No anomalies observed.

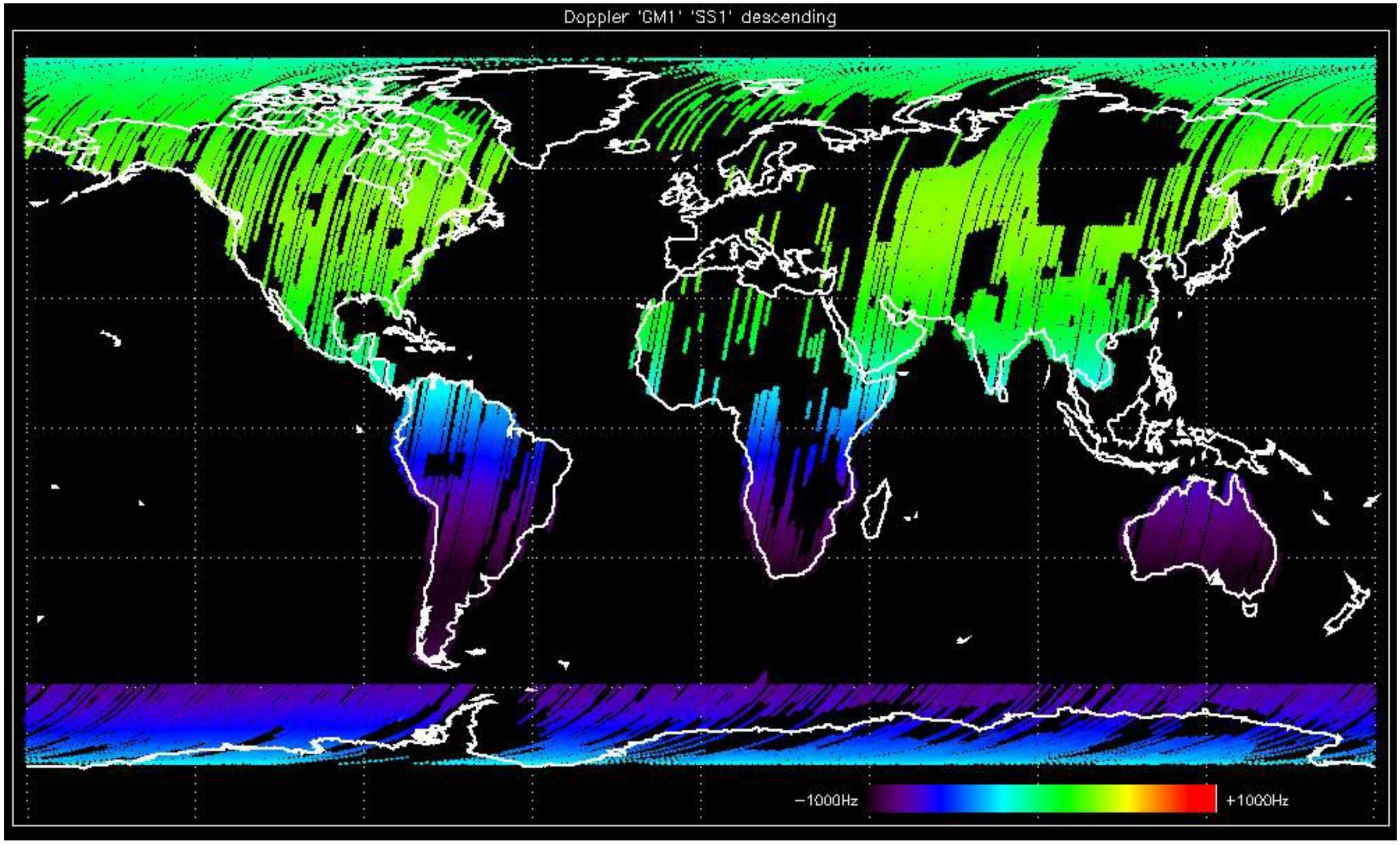

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

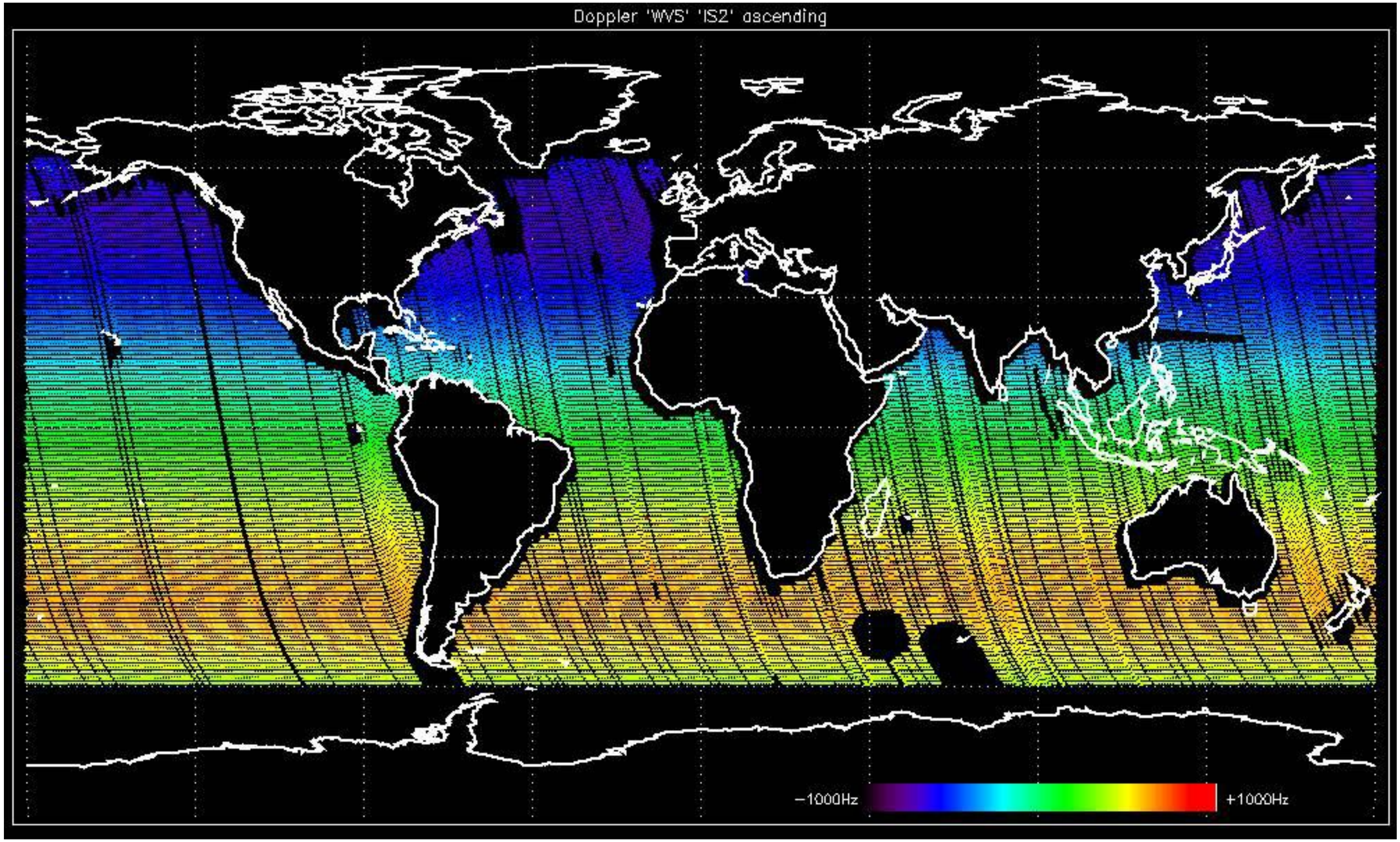

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

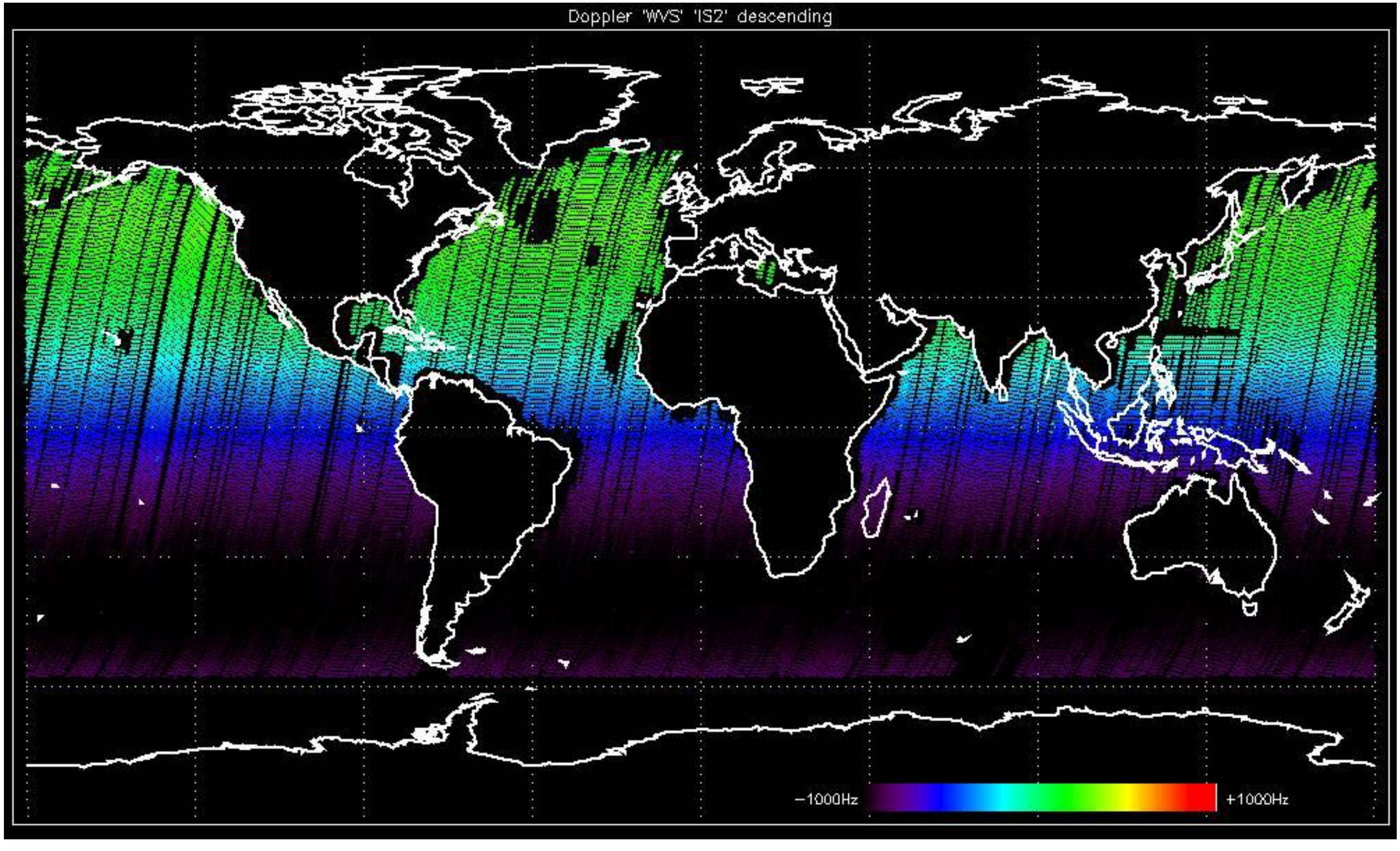
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

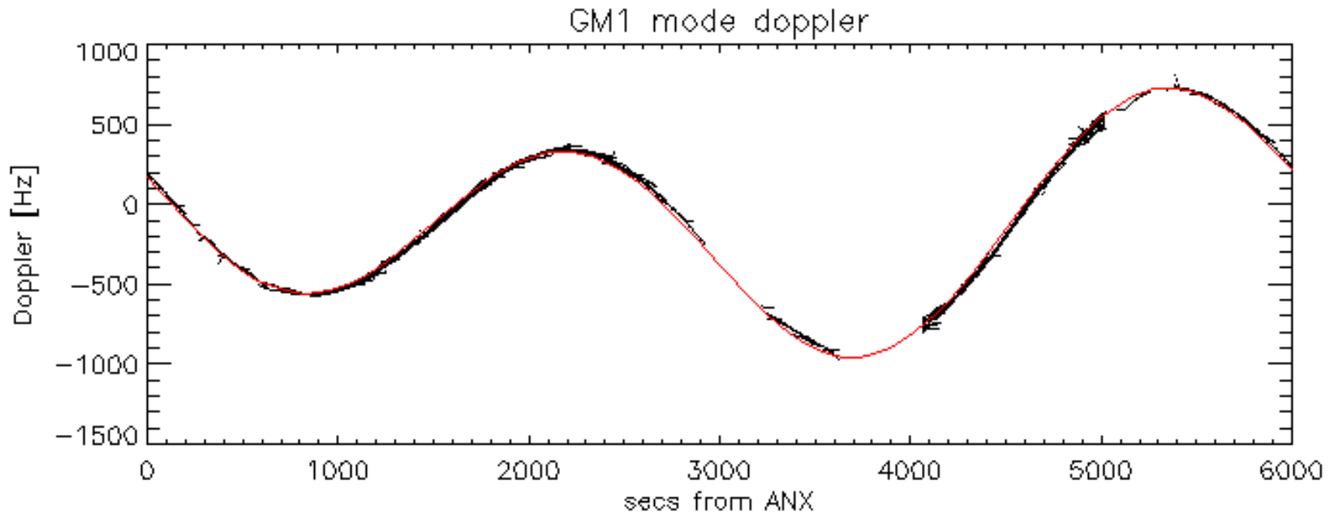
Preliminary report.The data is not yet controled

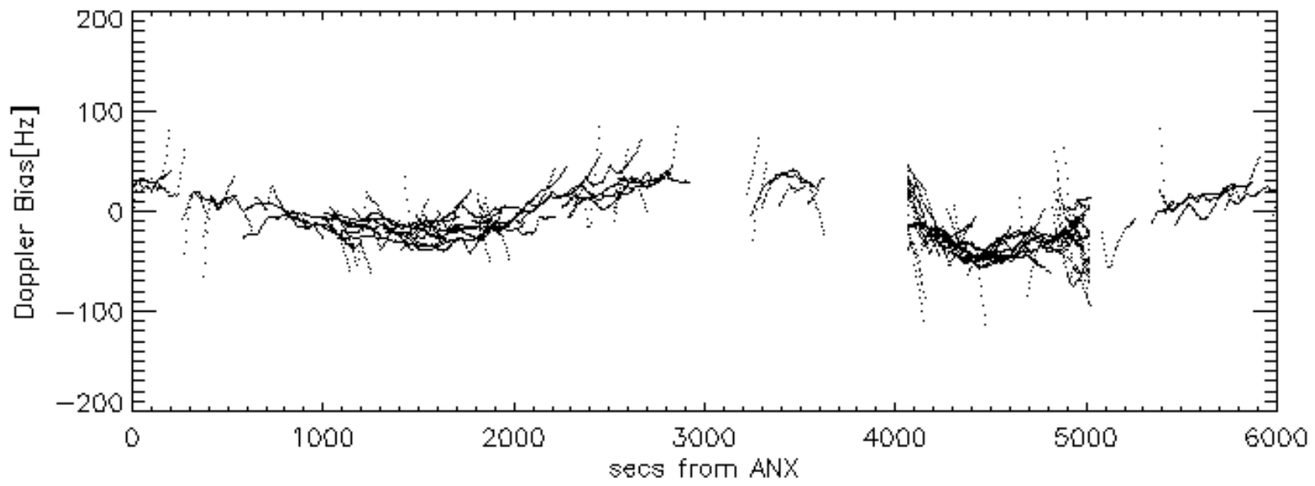

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

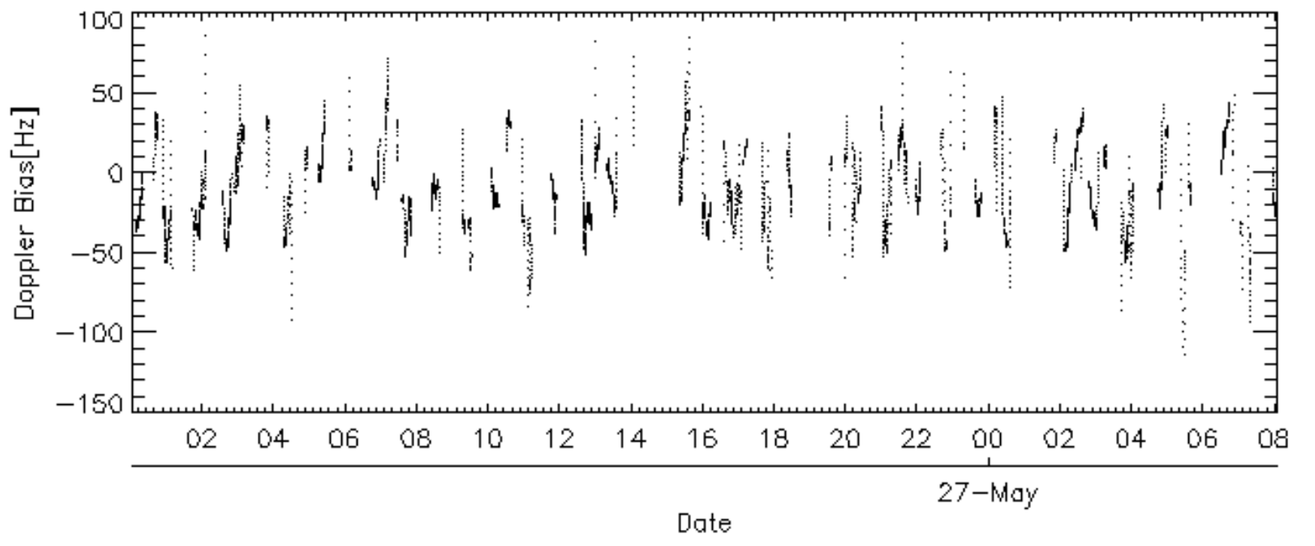

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

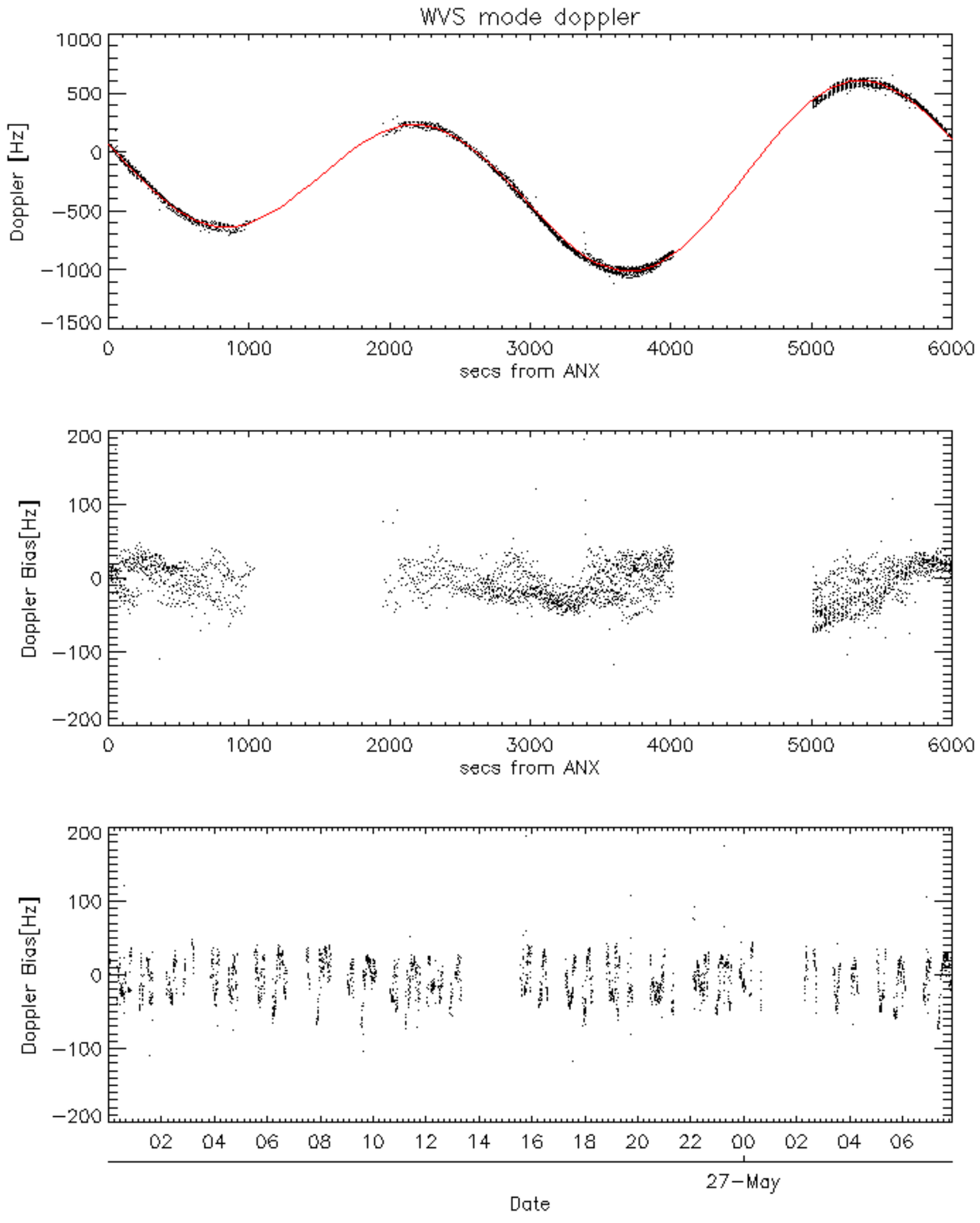

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

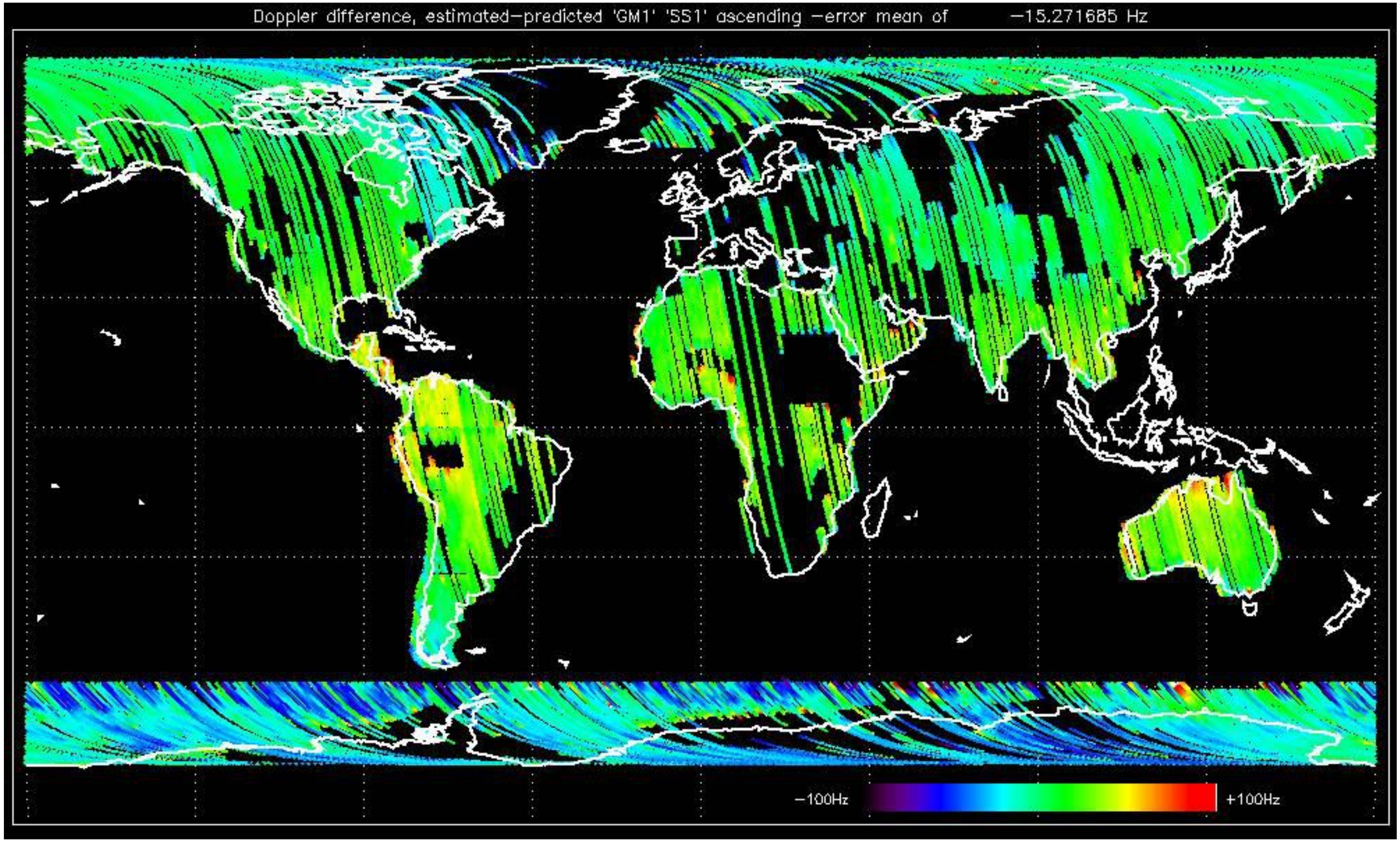

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

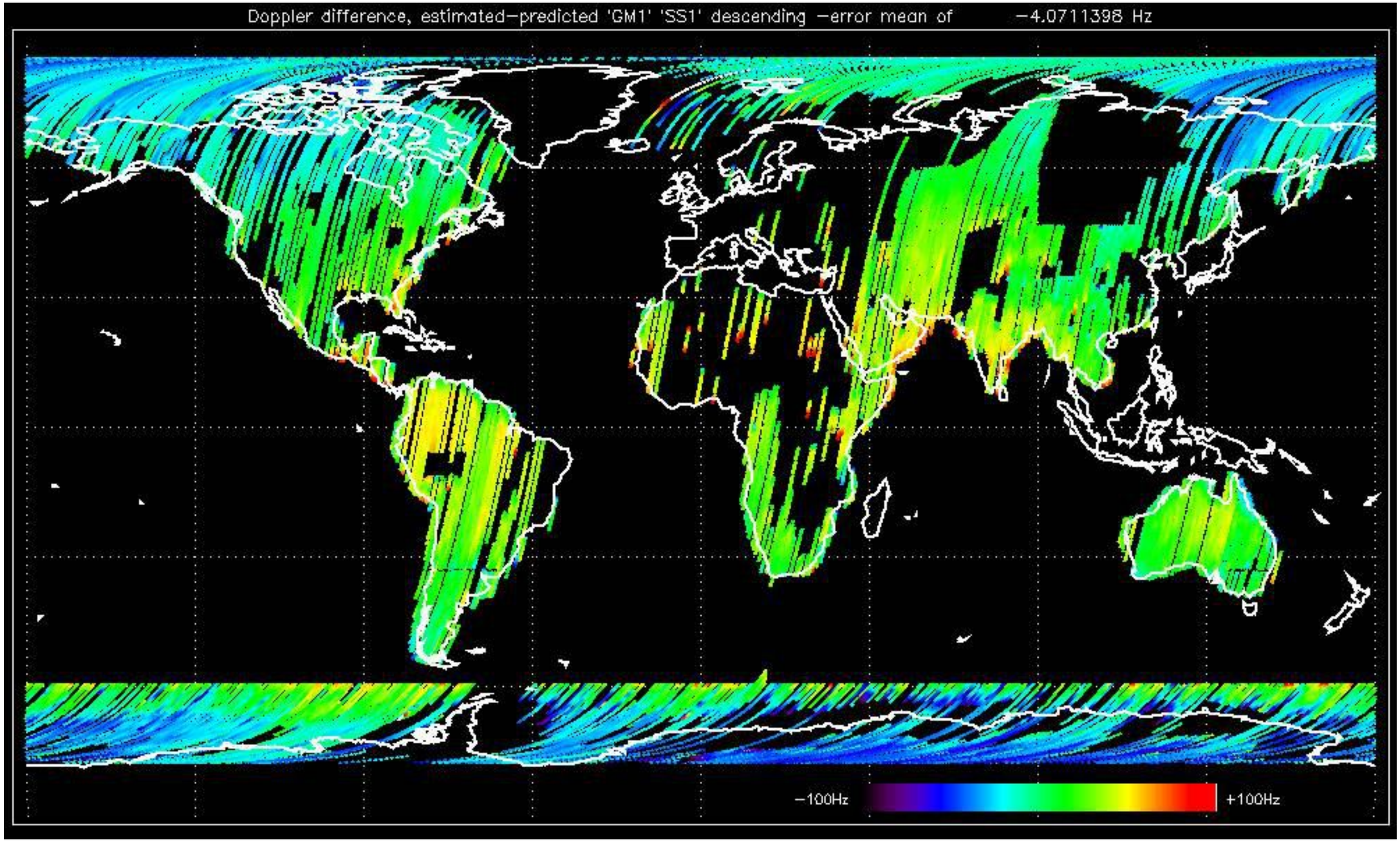

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

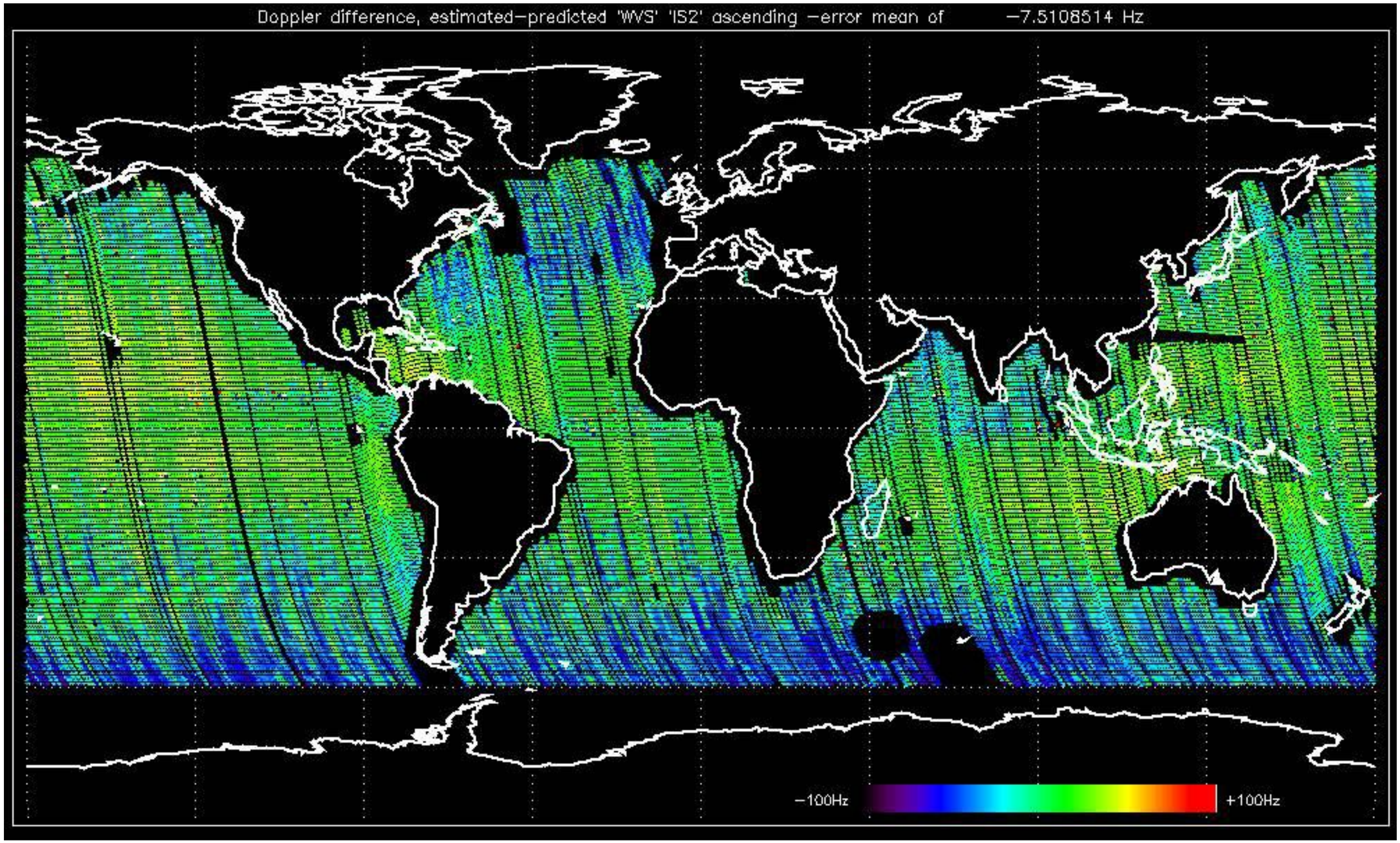

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

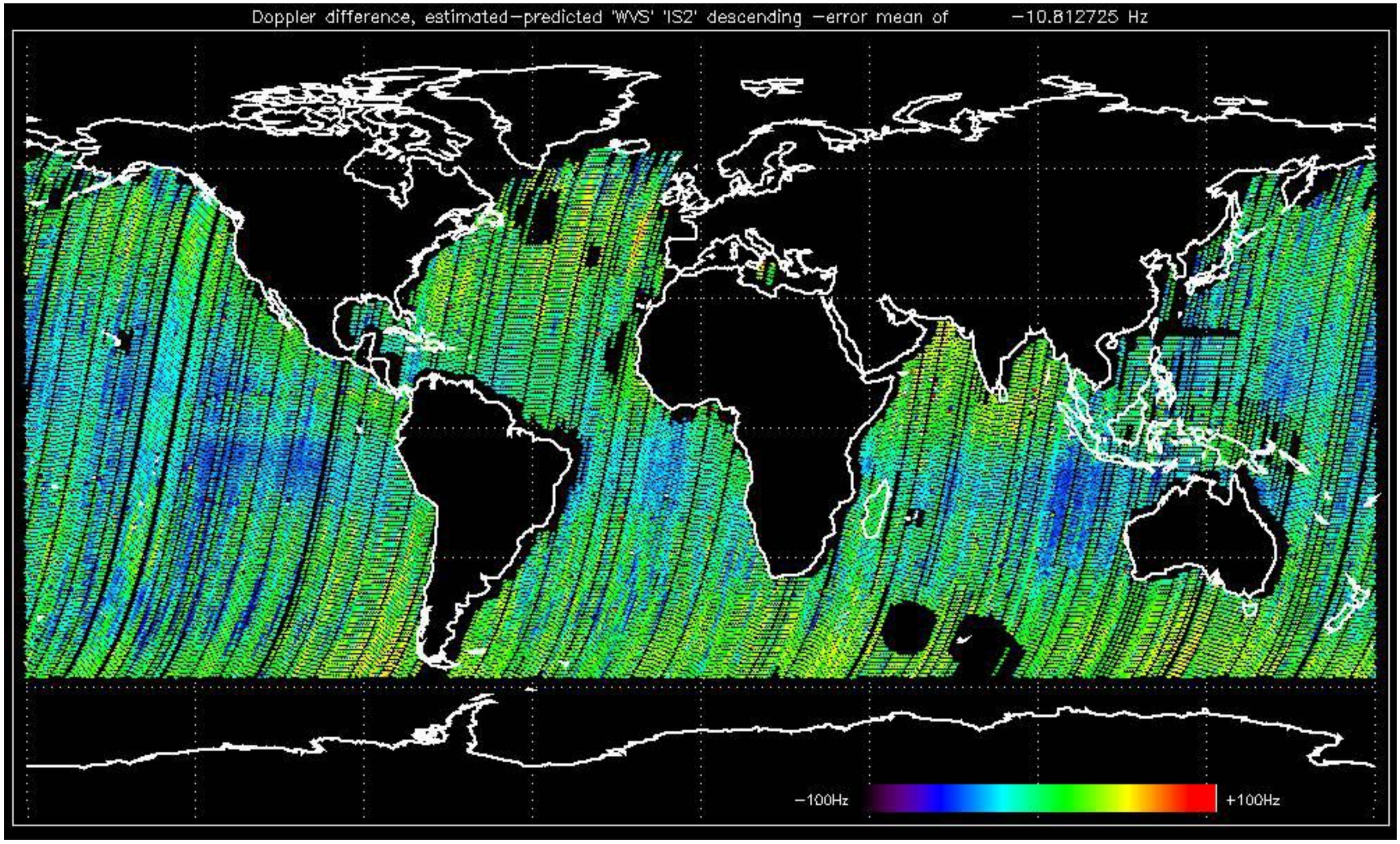

Doppler Bias[Hz]
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
27−May
Date


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]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
27−May
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −15.271685 Hz
−100Hz
+100Hz

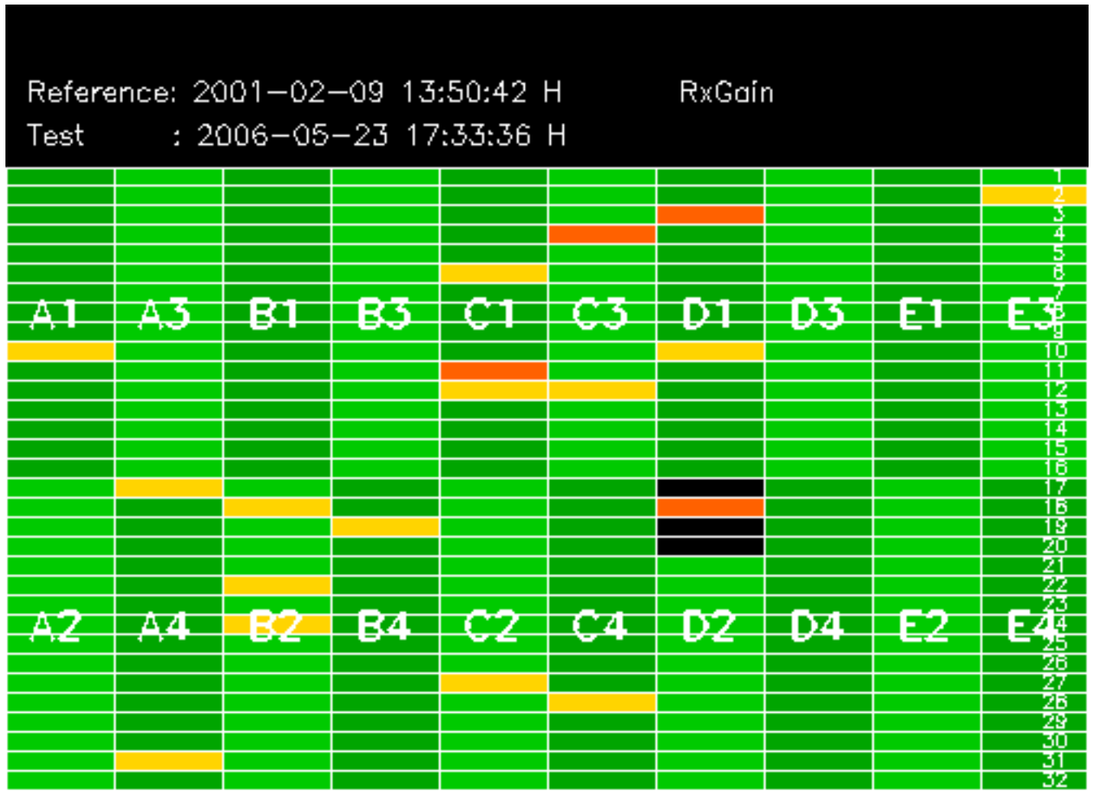

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −4.0711398 Hz
−100Hz
+100Hz

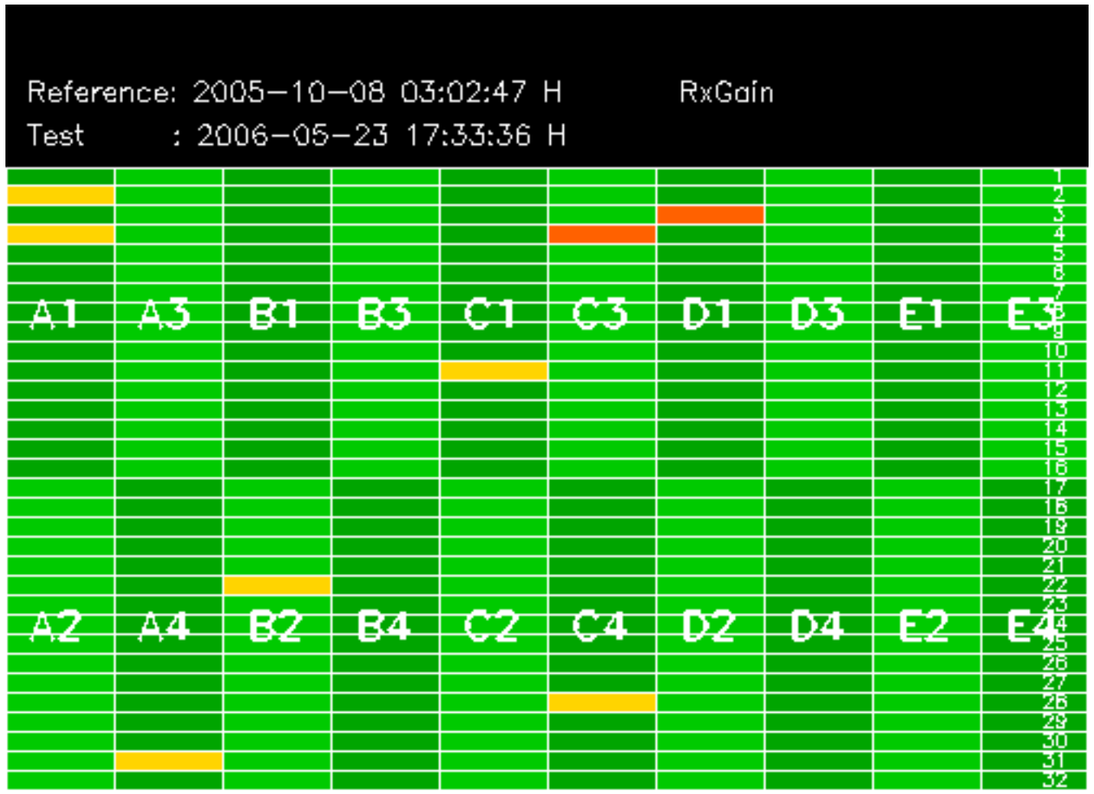

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −7.5108514 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −10.812725 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2006-05-23 17:33:36 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 : 2006-05-23 17:33:36 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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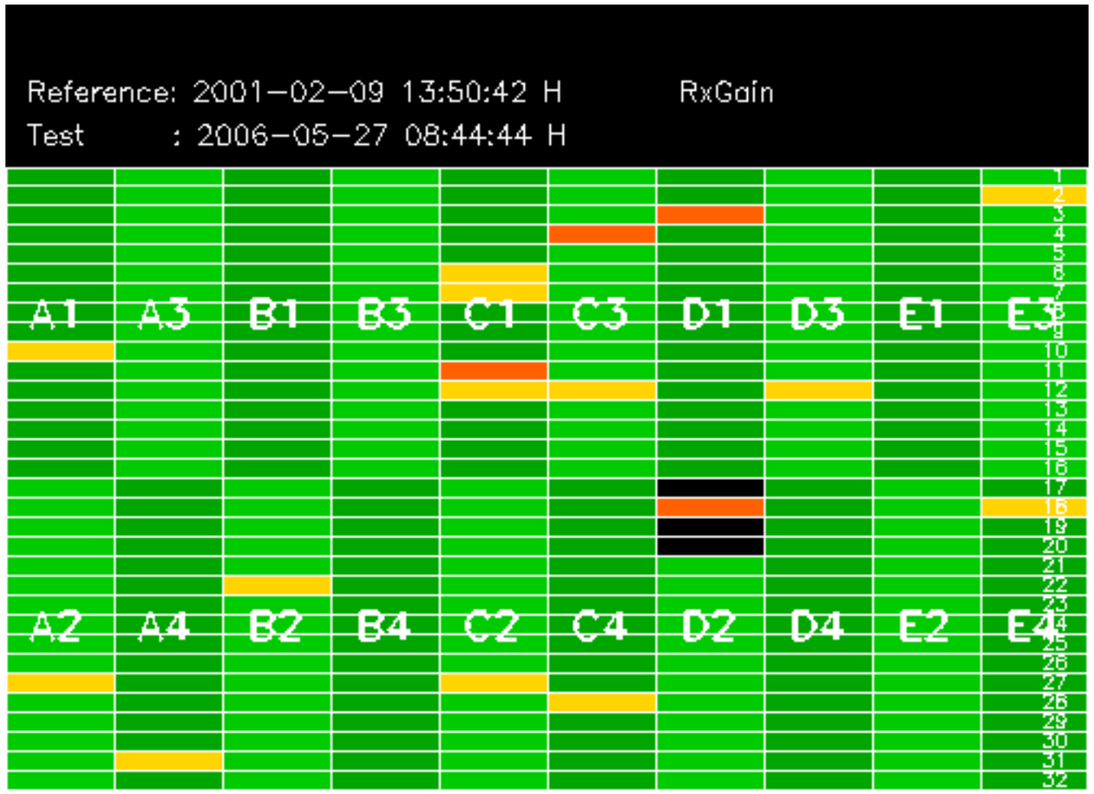
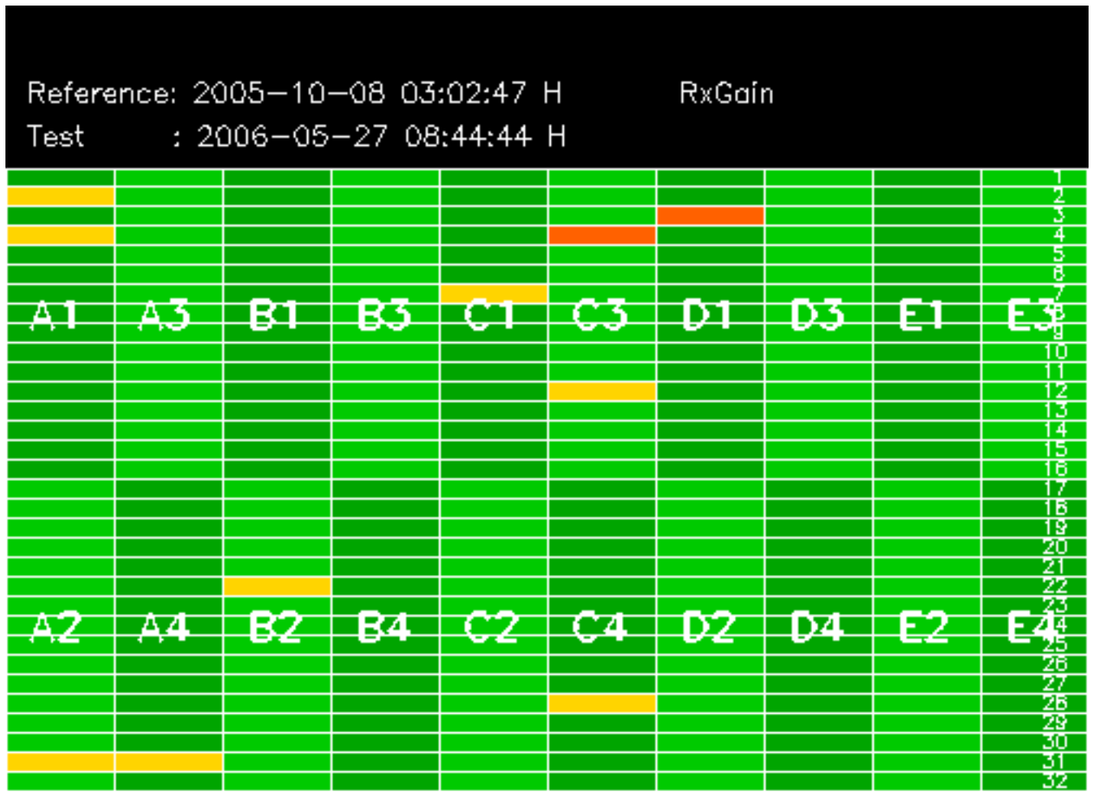

Reference: 2001-02-09 13:50:42 H
Test : 2006-05-27 08:44:44 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-05-27 08:44:44 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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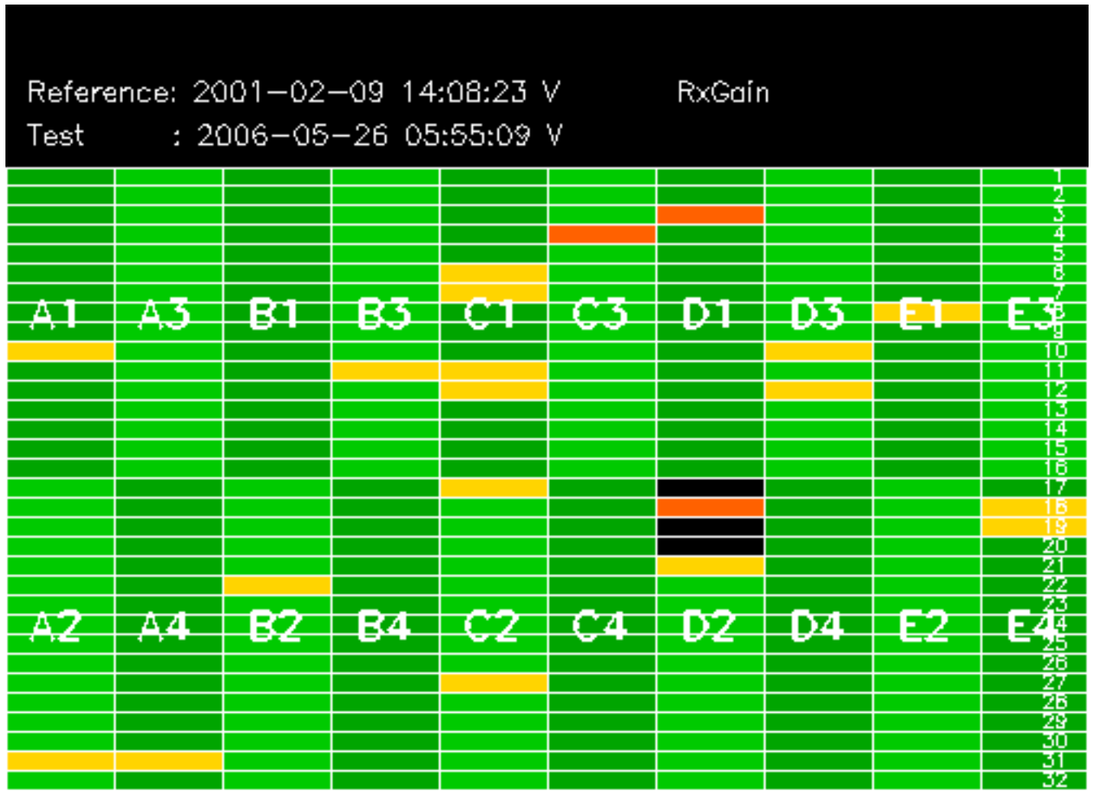
Reference: 2001-02-09 14:08:23 V
Test : 2006-05-26 05:55:09 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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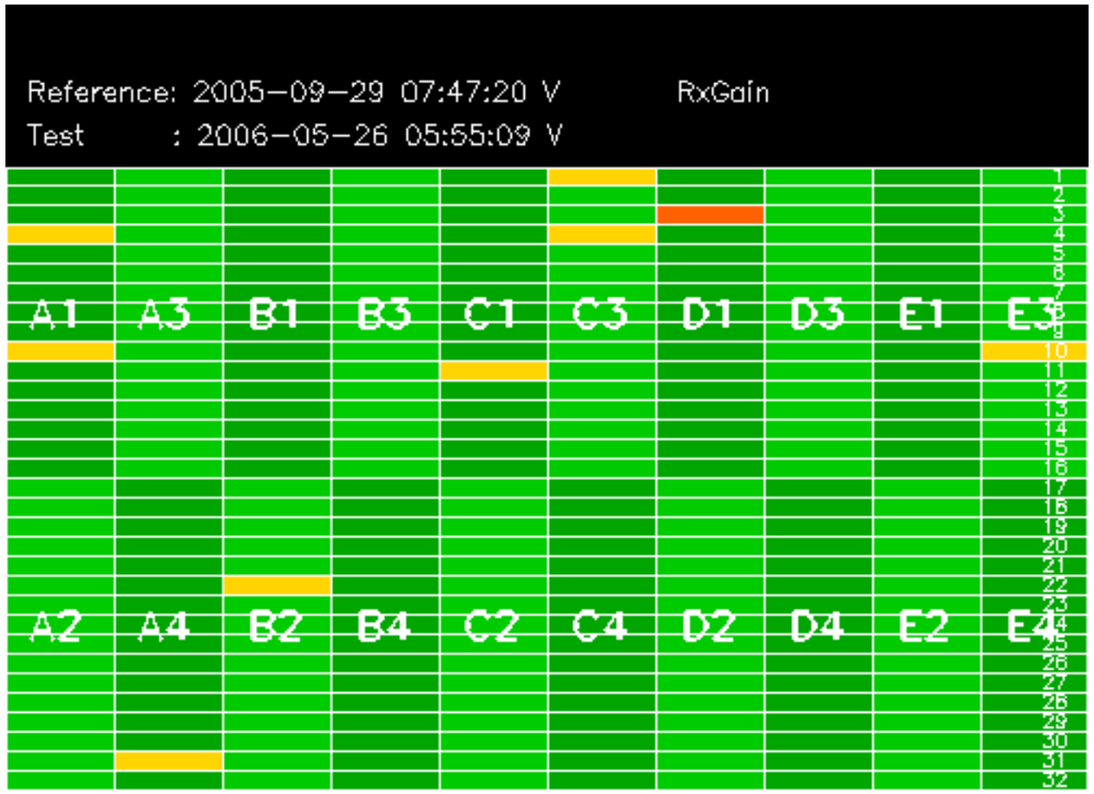
Reference: 2005-09-29 07:47:20 V
Test : 2006-05-26 05:55:09 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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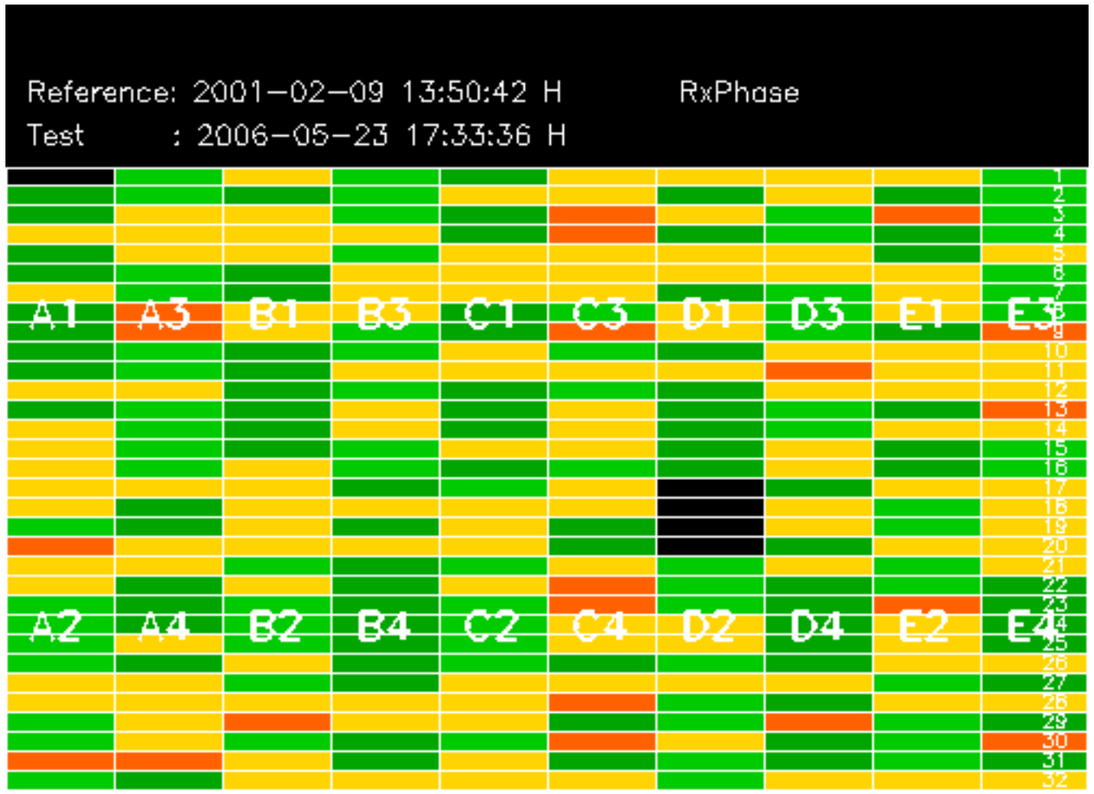
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-05-23 17:33:36 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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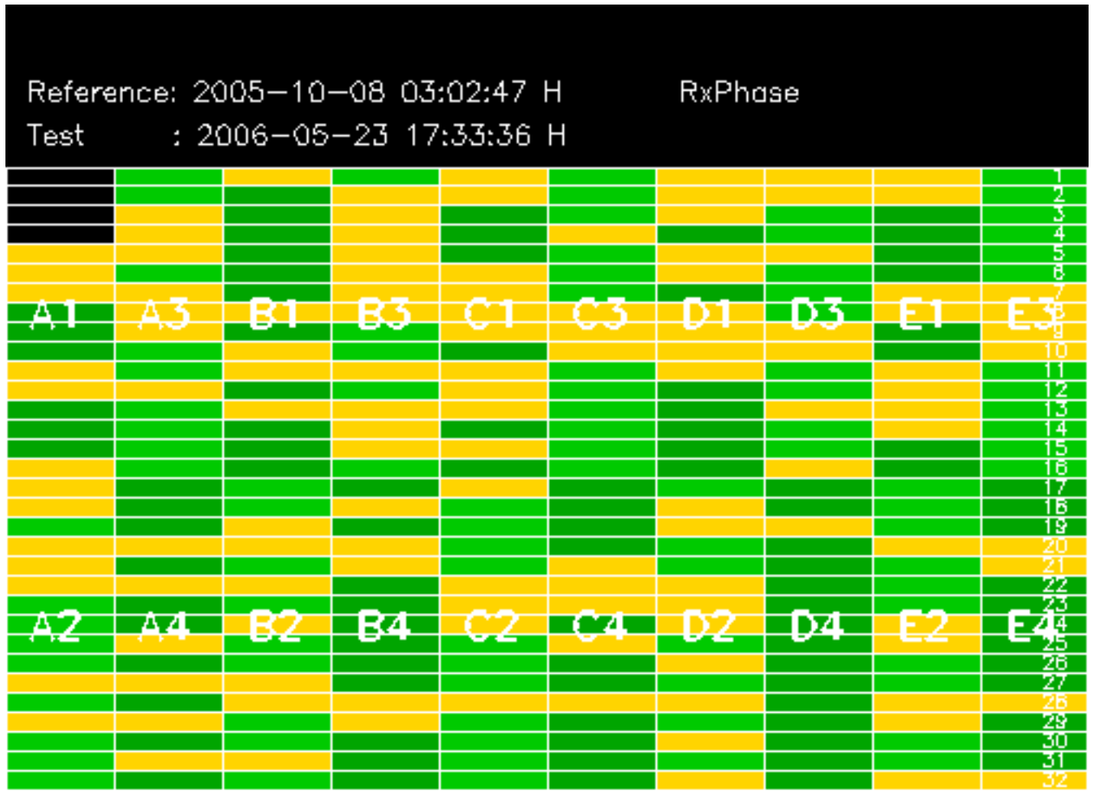
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-05-23 17:33:36 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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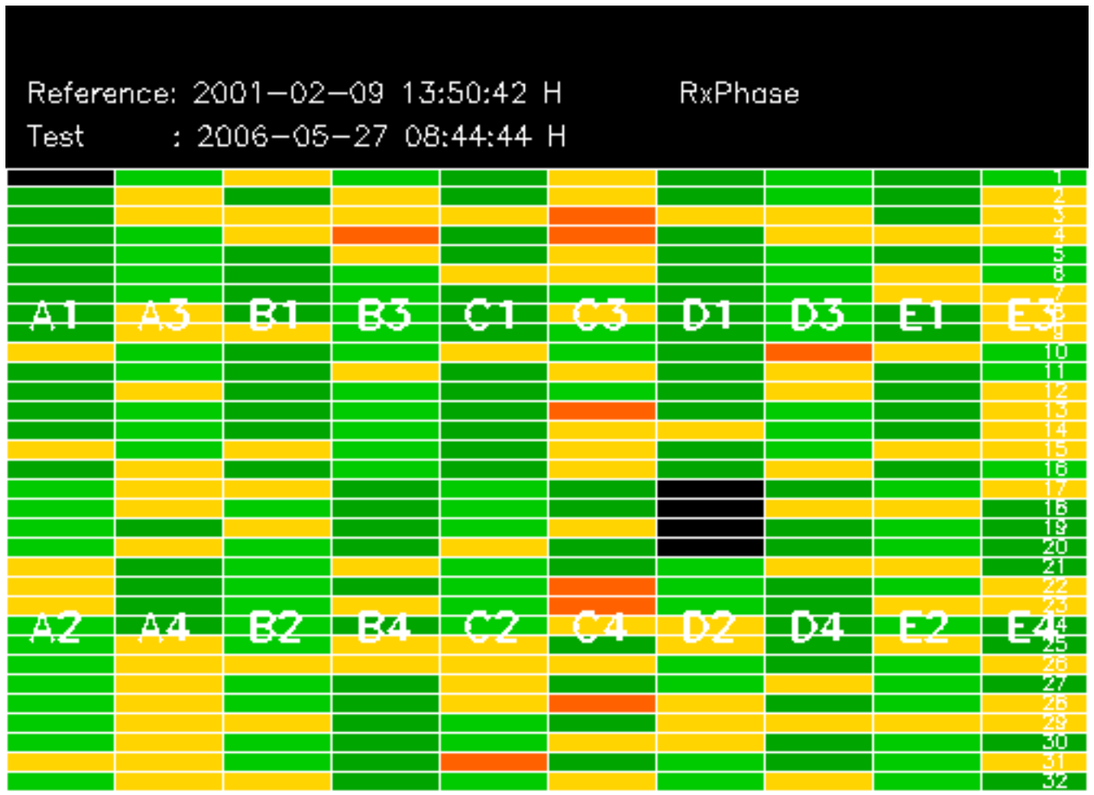
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-05-27 08:44:44 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-05-27 08:44:44 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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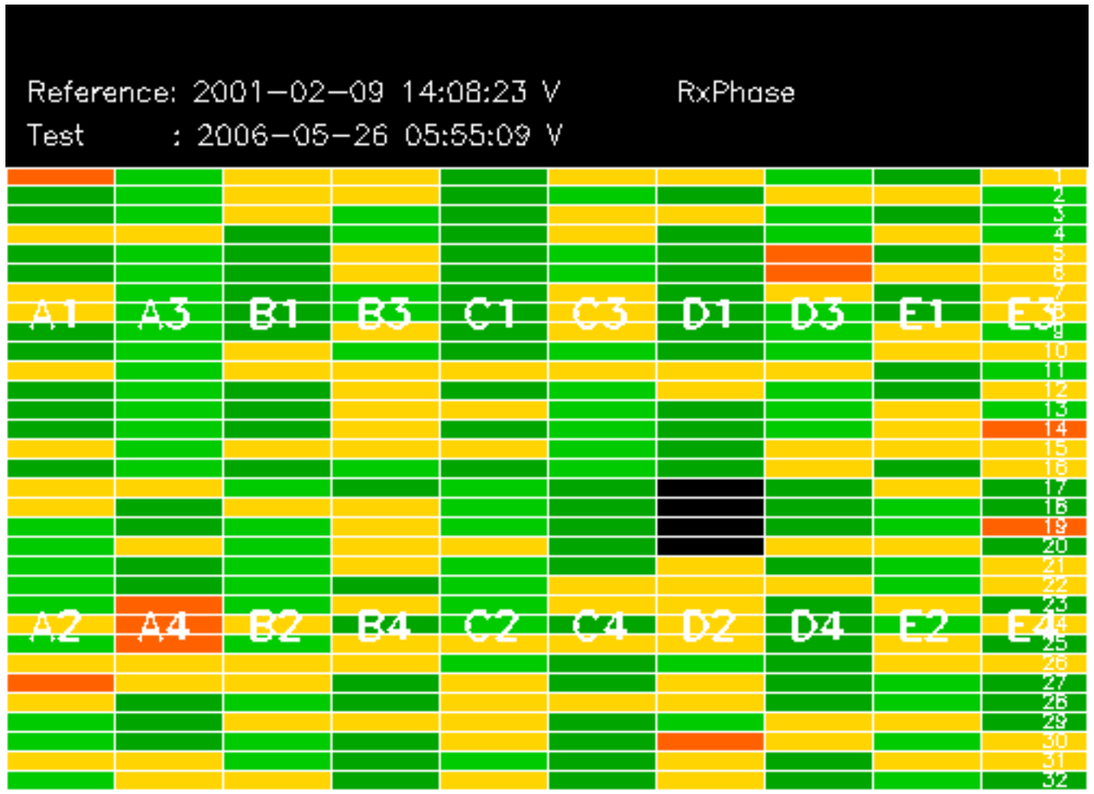
Reference: 2001-02-09 14:08:23 V
Test : 2006-05-26 05:55:09 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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Reference: 2005-09-29 07:47:20 V
Test : 2006-05-26 05:55:09 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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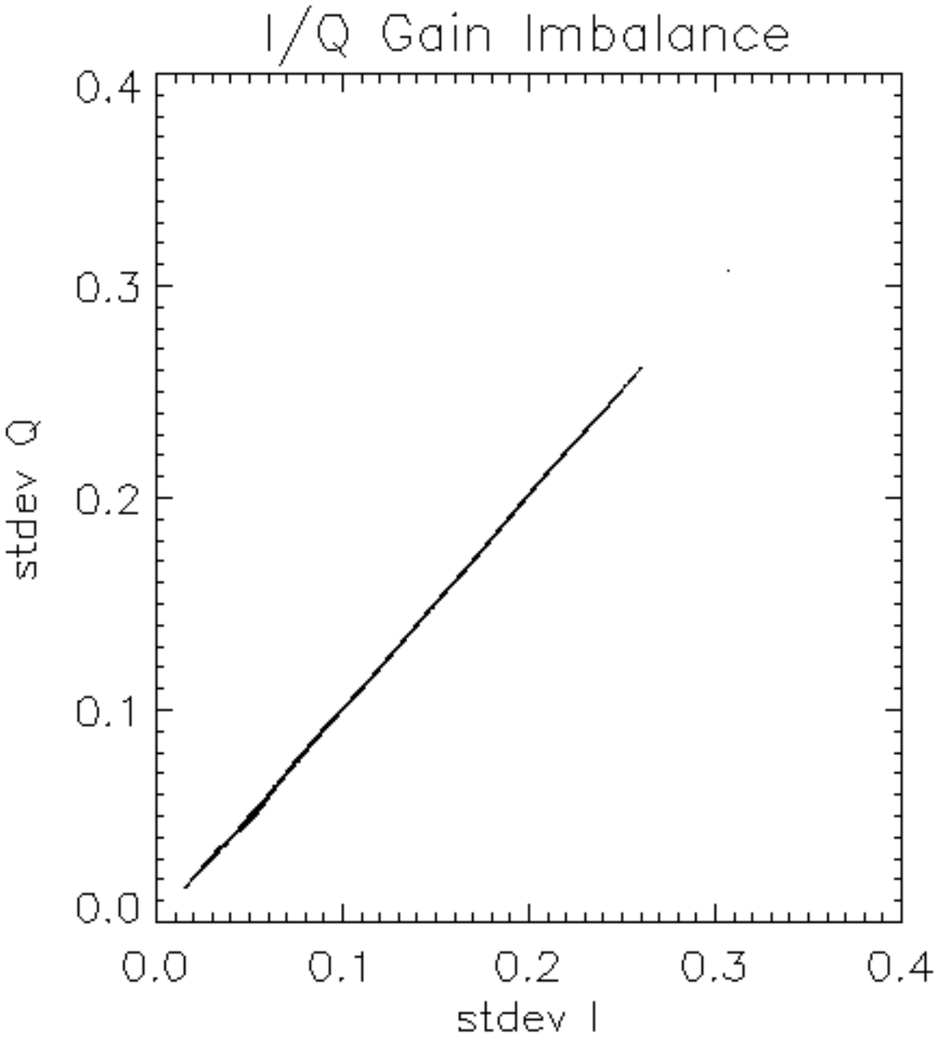
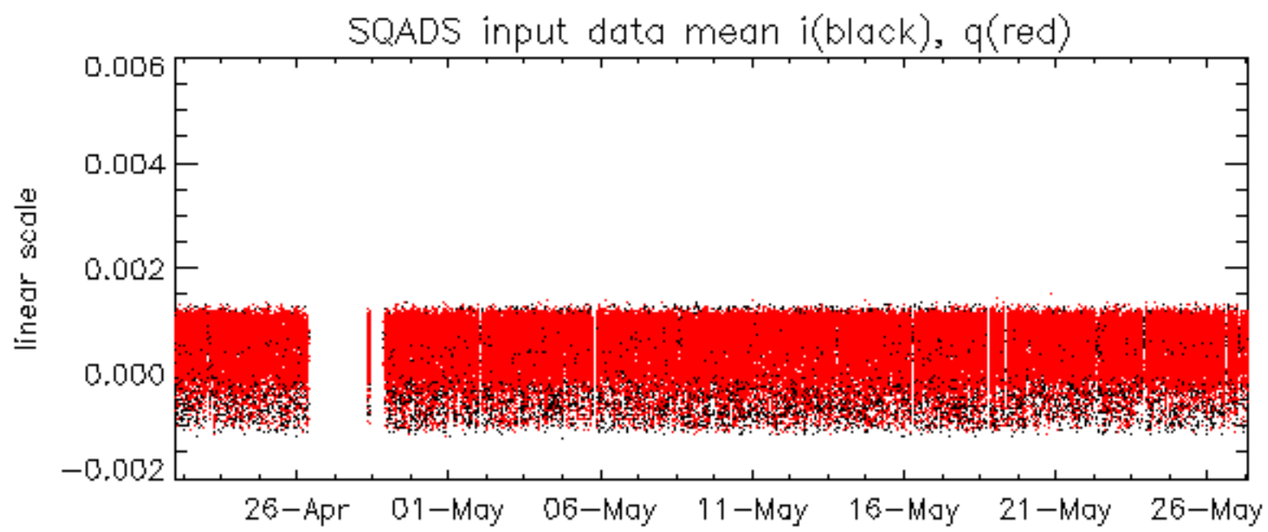
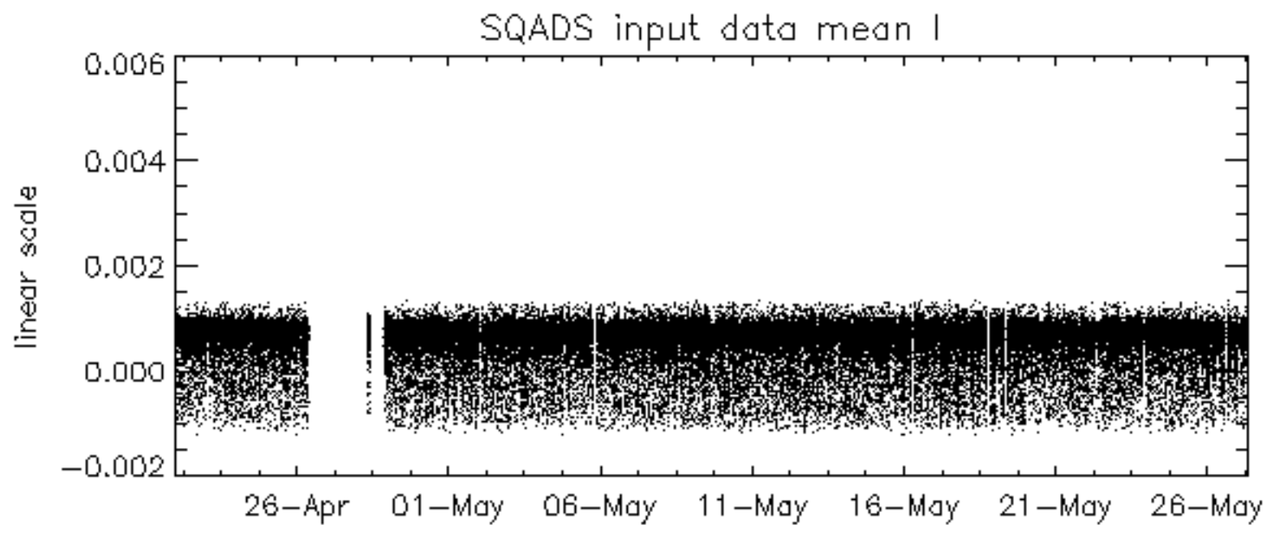
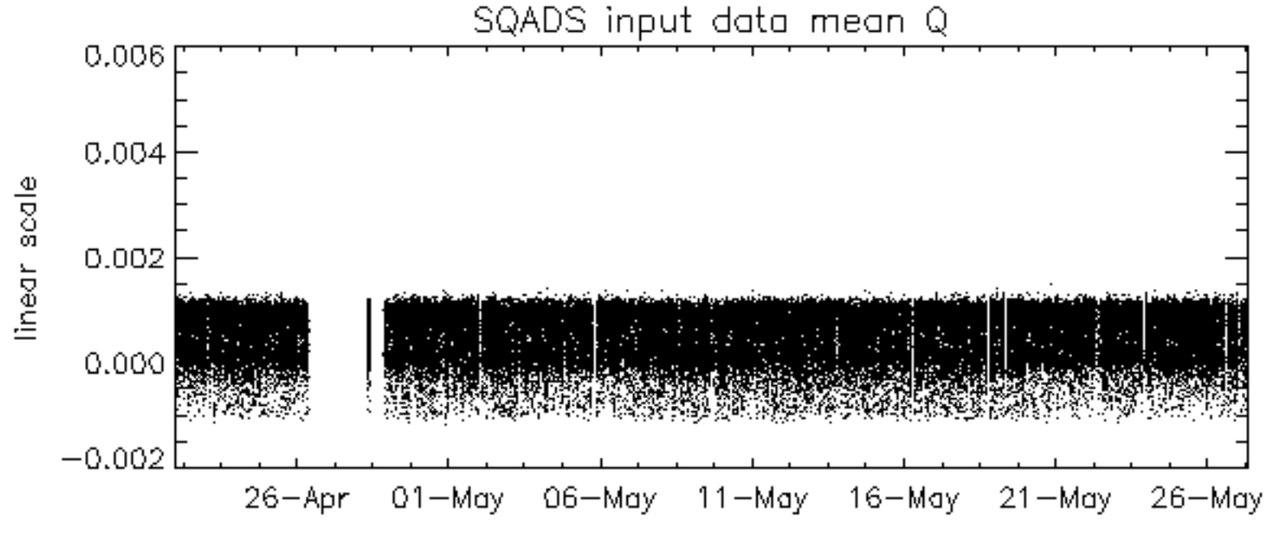
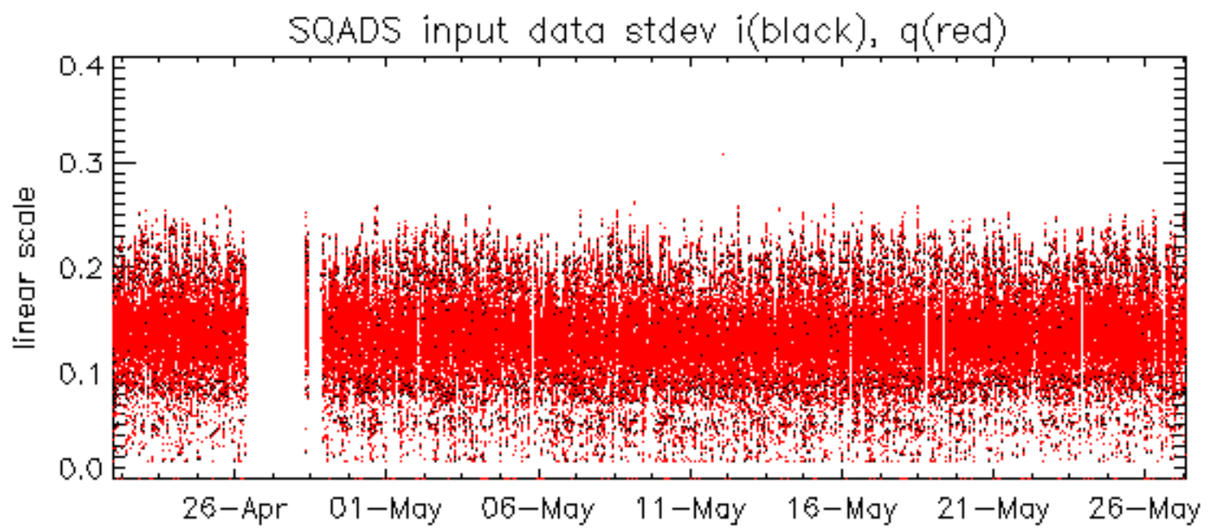
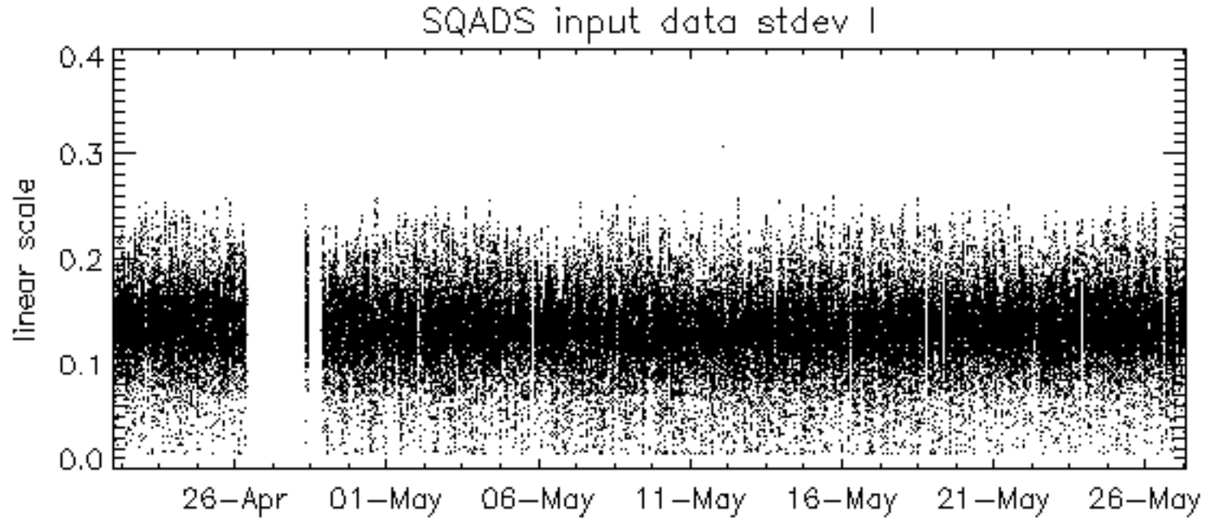

I/Q Gain Imbalance
stdev Q
stdev I
0.0
0.1
0.2
0.3
0.4

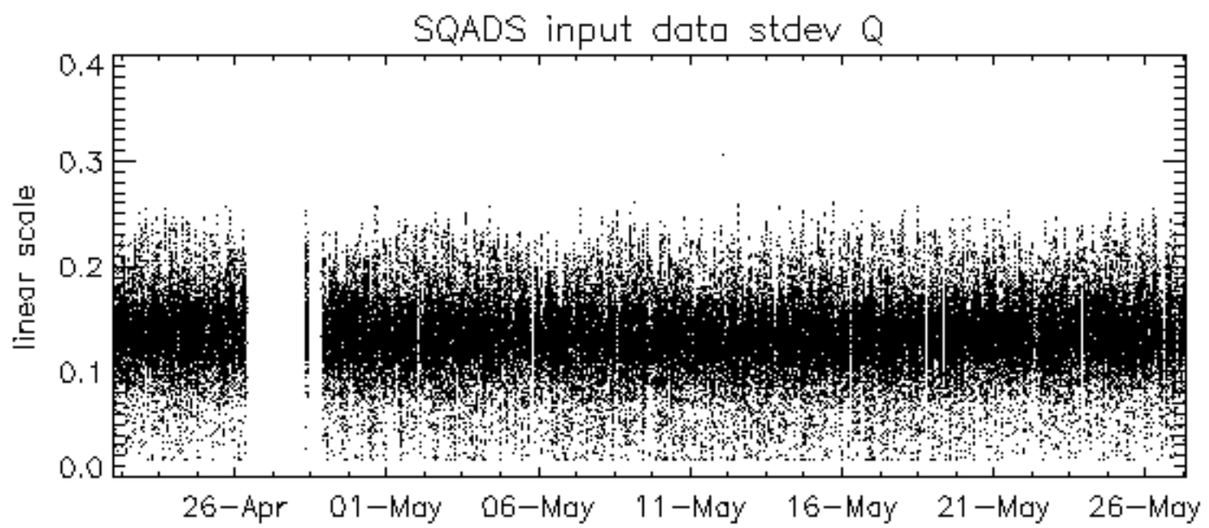

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
26−Apr
01−May
06−May
11−May
16−May
21−May
26−May

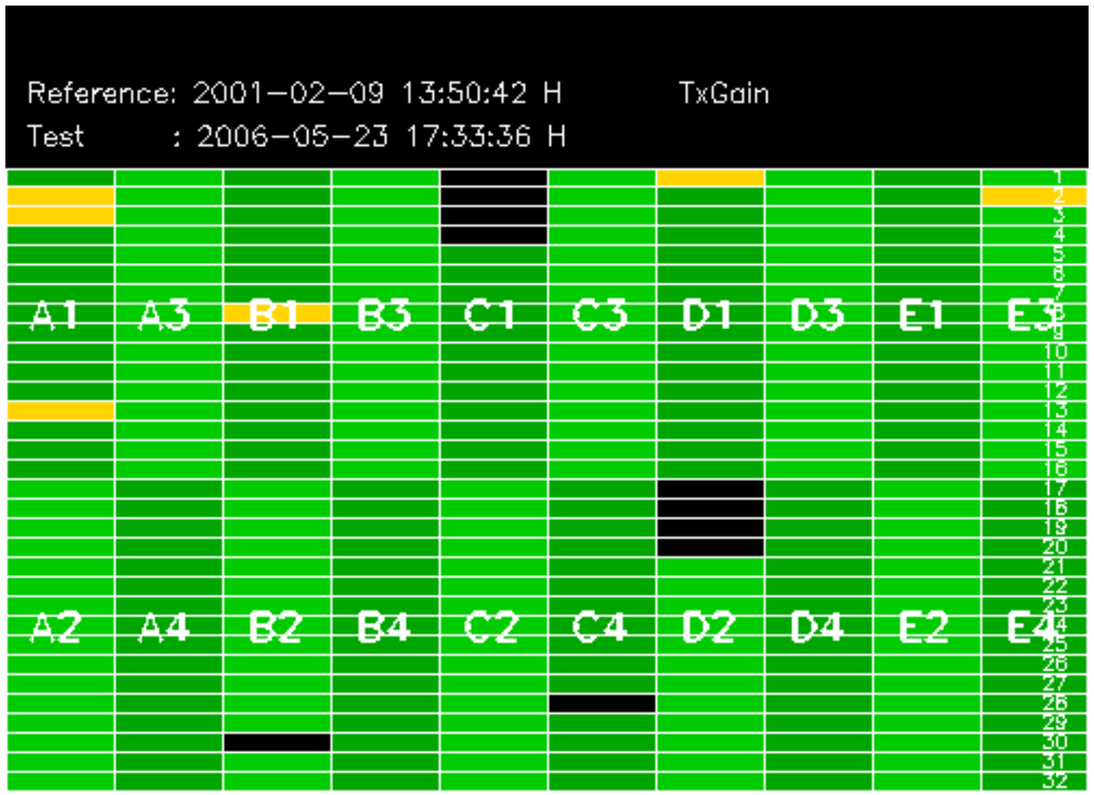

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
26−Apr
01−May
06−May
11−May
16−May
21−May
26−May


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


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


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


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


Reference: 2001-02-09 13:50:42 H
Test : 2006-05-23 17:33:36 H
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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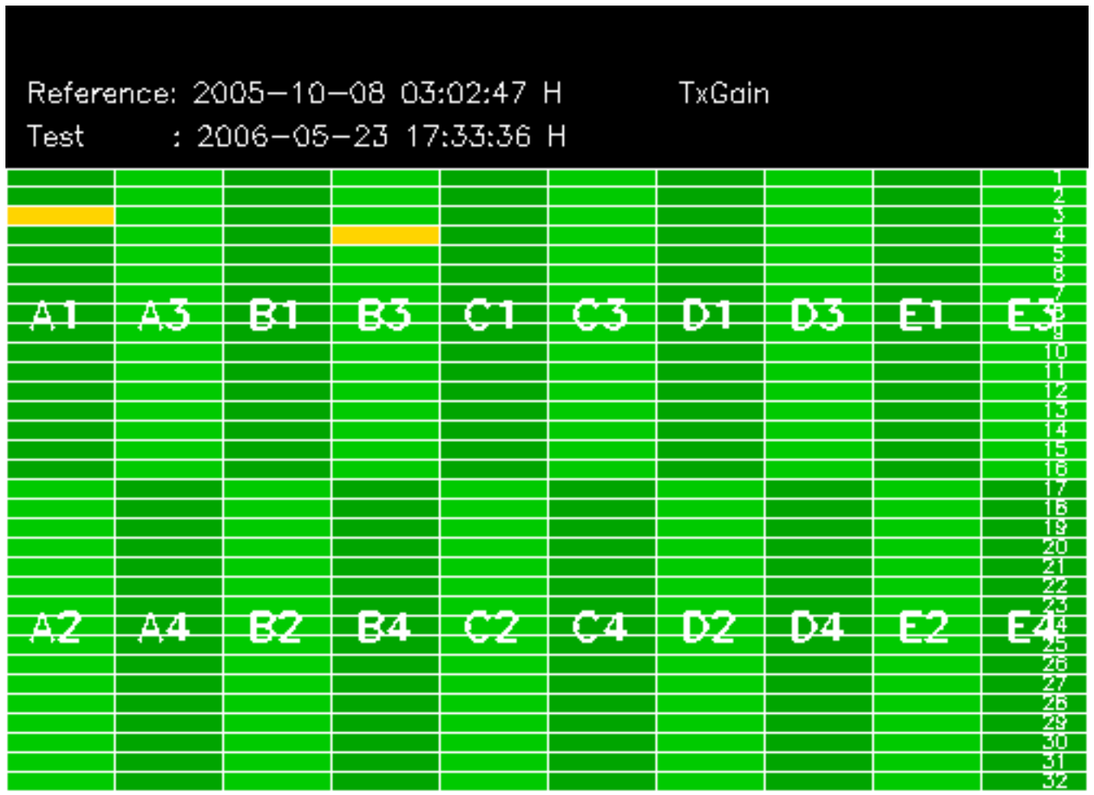
Reference: 2005-10-08 03:02:47 H
Test : 2006-05-23 17:33:36 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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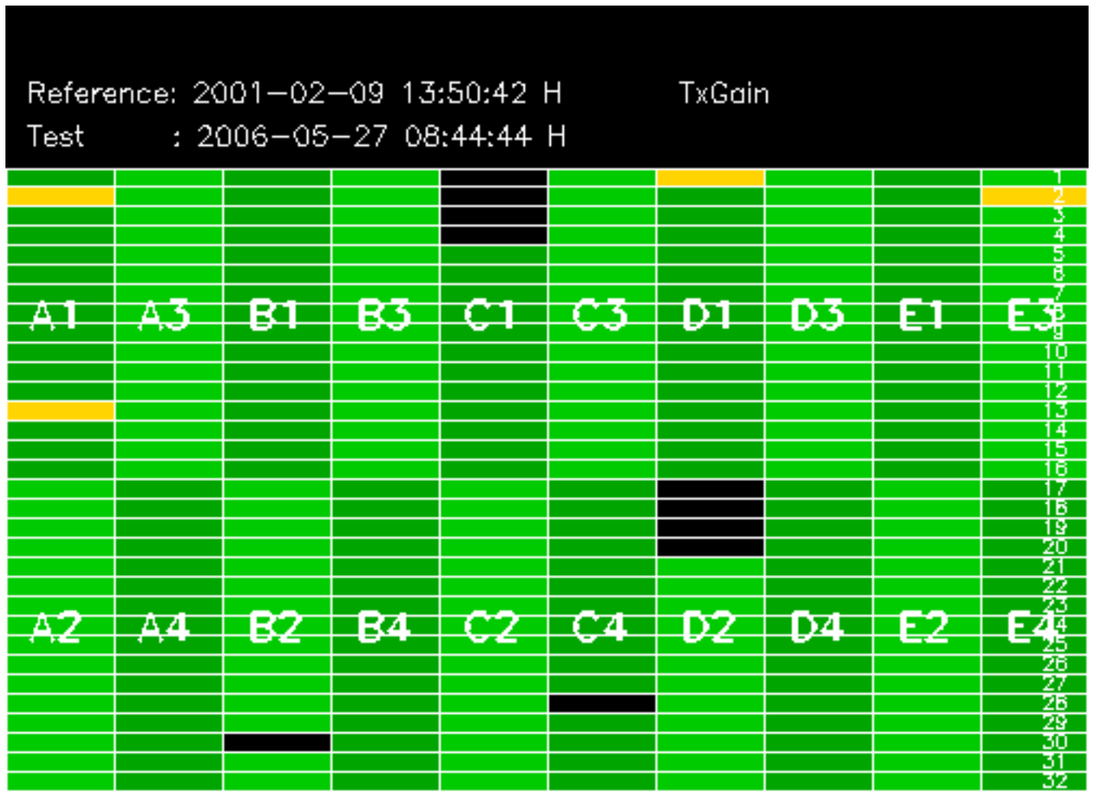
Reference: 2001-02-09 13:50:42 H
Test : 2006-05-27 08:44:44 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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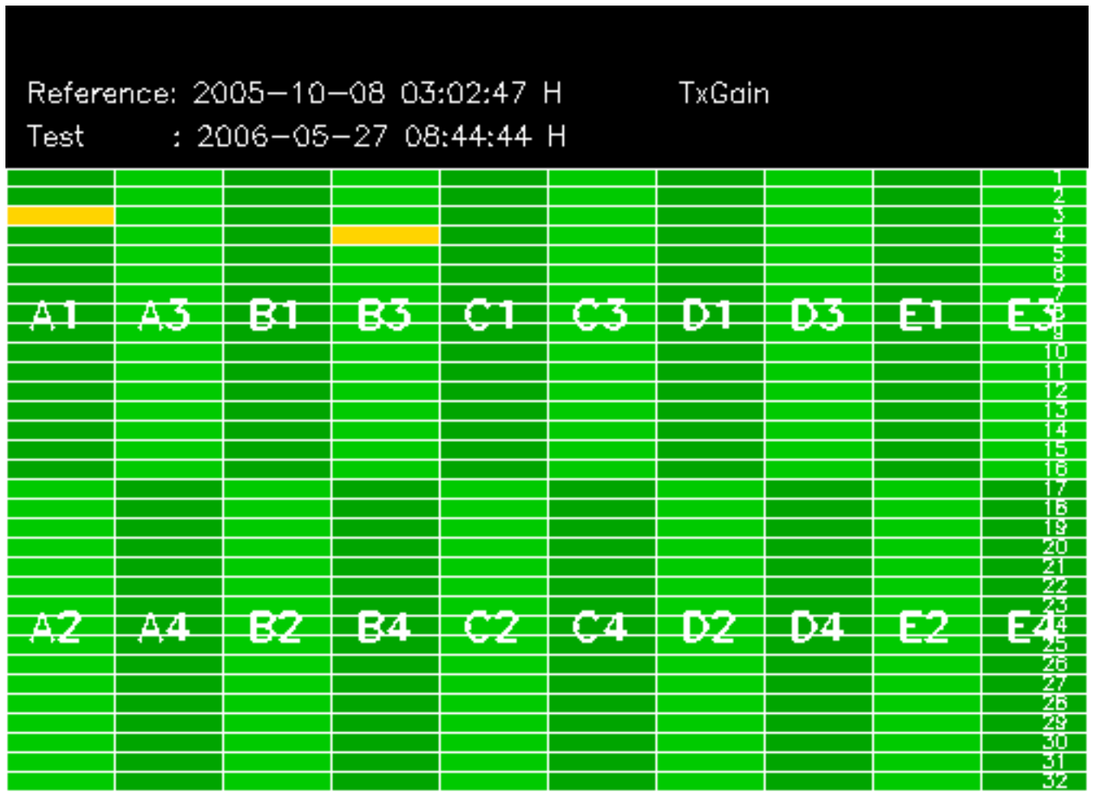
Reference: 2005-10-08 03:02:47 H
Test : 2006-05-27 08:44:44 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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Reference: 2001-02-09 14:08:23 V
Test : 2006-05-26 05:55:09 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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E4
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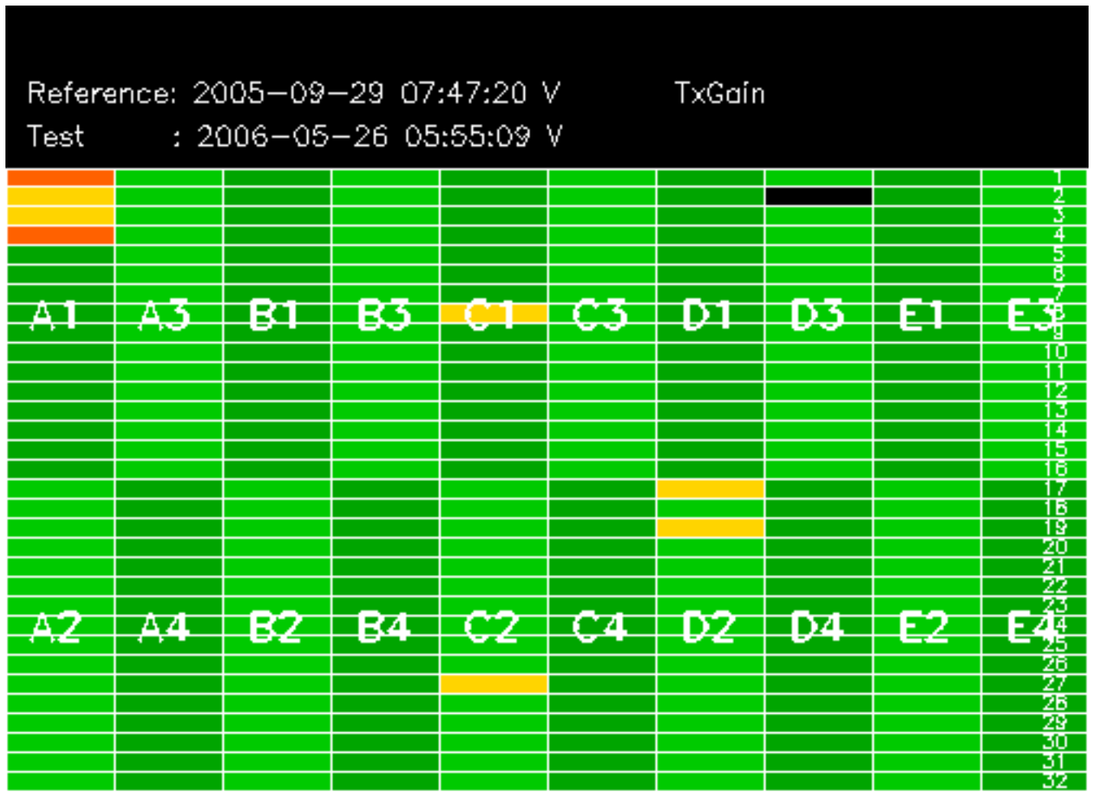
Reference: 2005-09-29 07:47:20 V
Test : 2006-05-26 05:55:09 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
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C4
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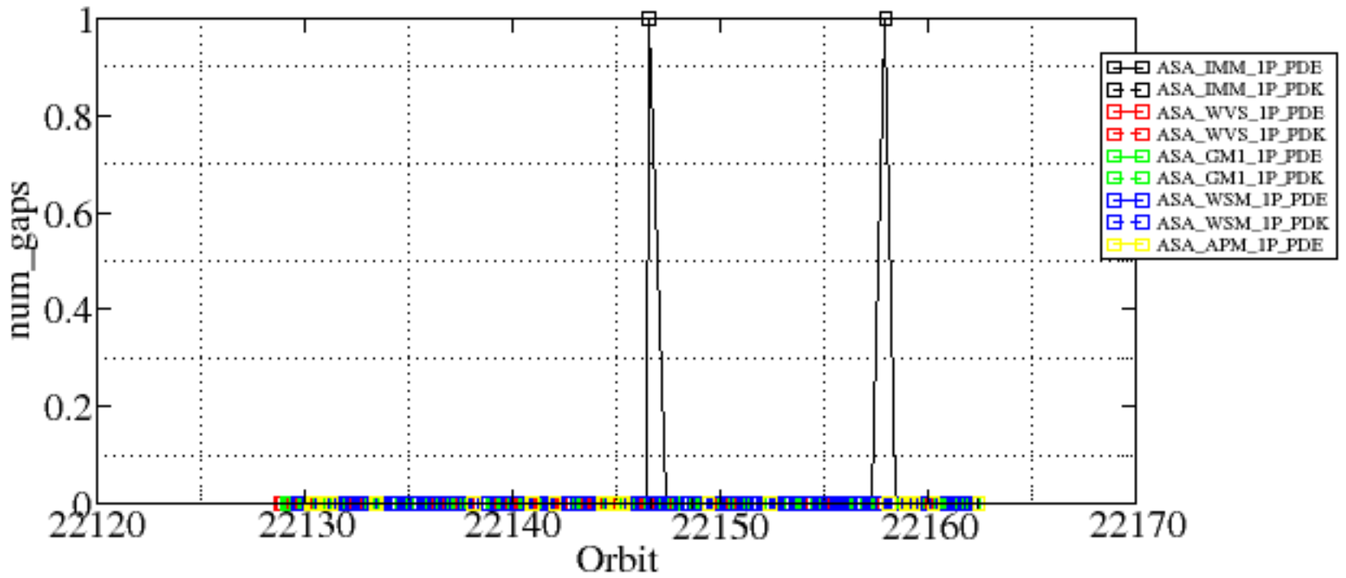
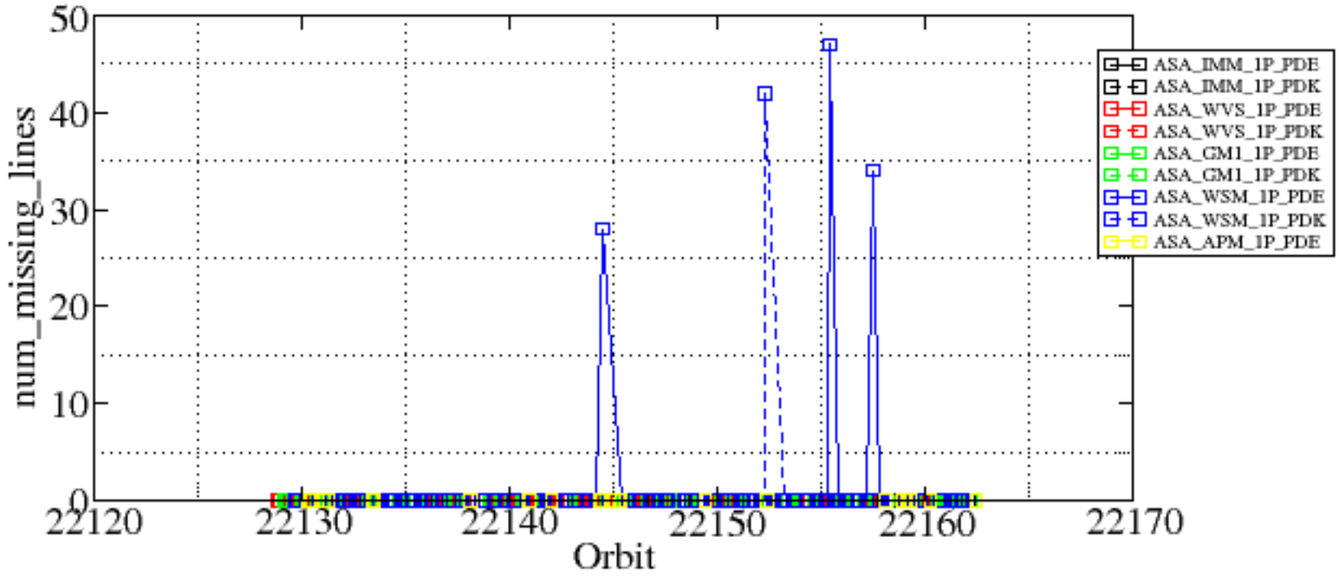
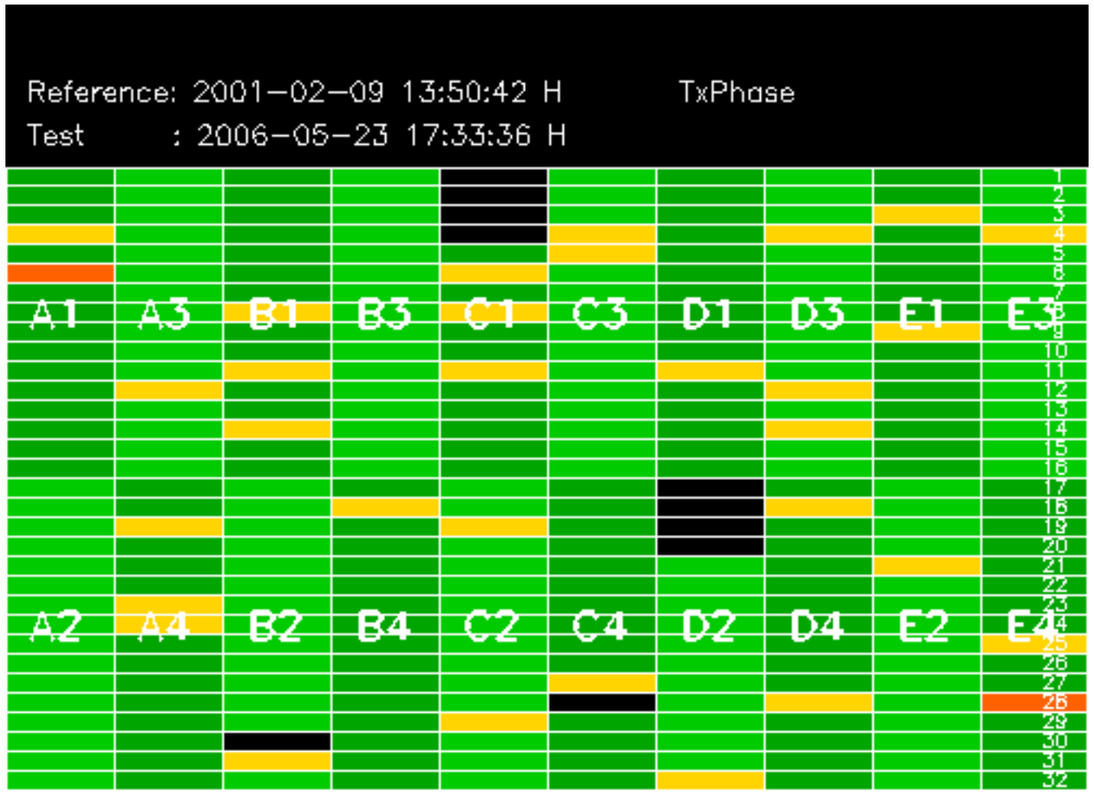
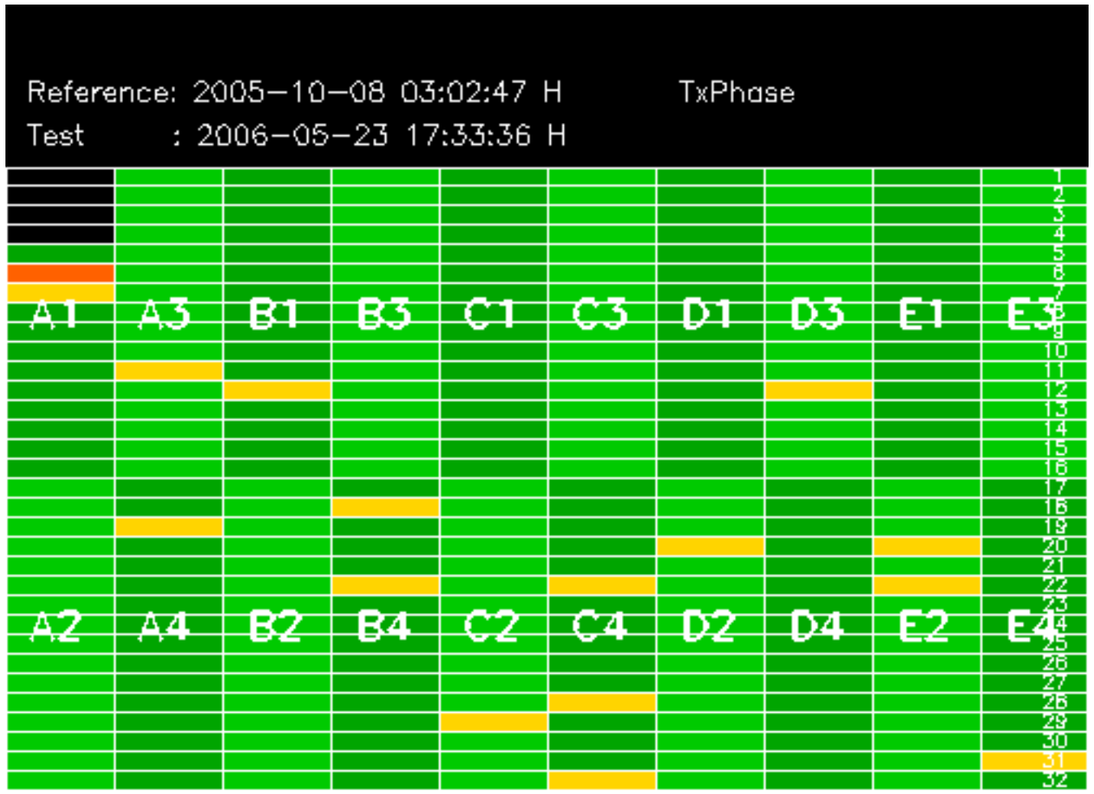
Summary of analysis for the last 3 days 2006052[567]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20060526_054354_000000352048_00048_22146_6225.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_IMM_1PNPDE20060527_005025_000001722048_00059_22157_6265.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060526_021326_000000852048_00046_22144_0919.N1 </td> <td>0 </td> <td>28 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060526_203642_000000922048_00057_22155_1065.N1 </td> <td>0 </td> <td>47 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060527_000327_000003292048_00059_22157_1091.N1 </td> <td>0 </td> <td>34 </td></tr>
<tr> <td>ASA_WSM_1PNPDK20060526_151921_000000552048_00054_22152_6150.N1 </td> <td>0 </td> <td>42 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
22120
22130
22140
22150
22160
22170
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
50
40
30
20
10
0
22120
22130
22140
22150
22160
22170
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 : 2006-05-23 17:33:36 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
TxPhase
Test : 2006-05-23 17:33:36 H
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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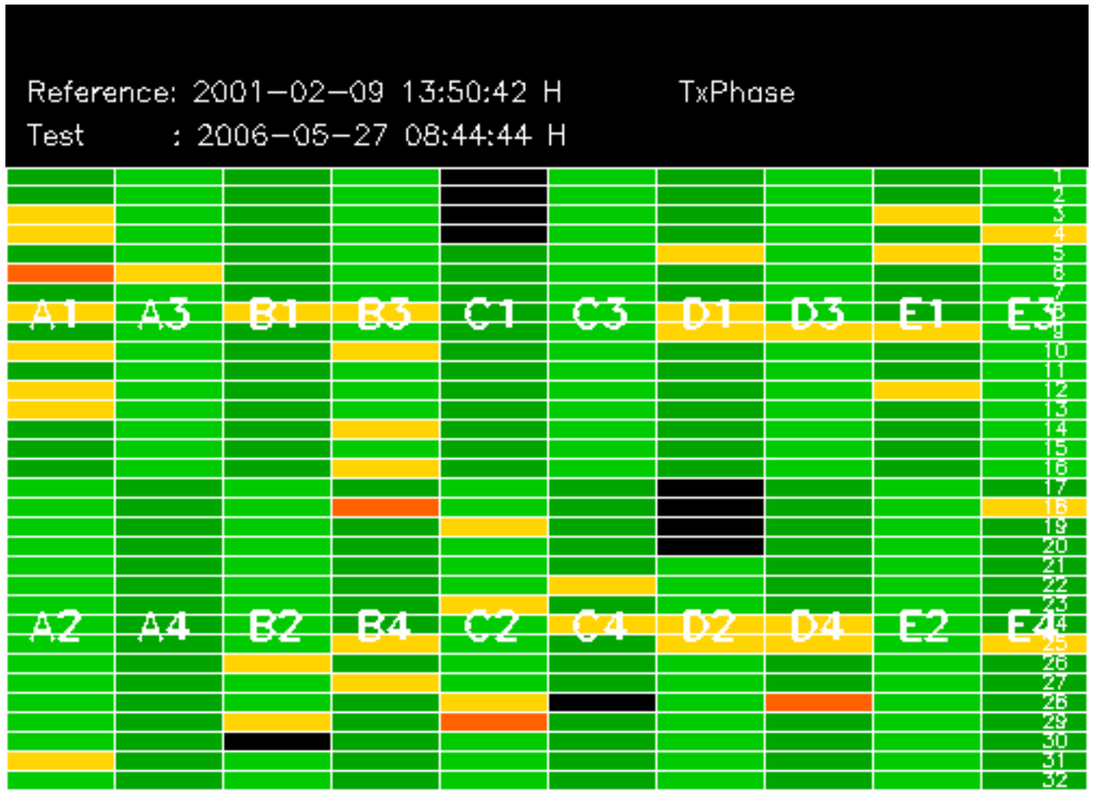
Reference: 2001-02-09 13:50:42 H
Test : 2006-05-27 08:44:44 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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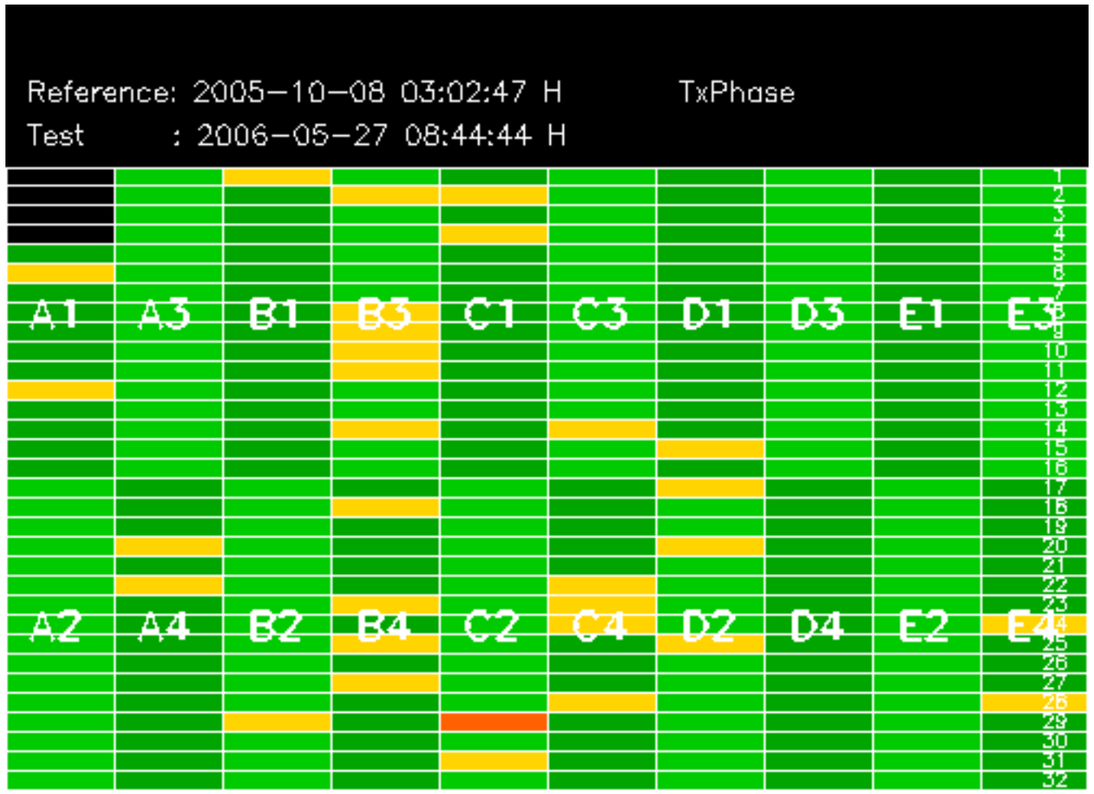
Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-05-27 08:44:44 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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Reference: 2001-02-09 14:08:23 V
Test : 2006-05-26 05:55:09 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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Reference: 2005-09-29 07:47:20 V
Test : 2006-05-26 05:55:09 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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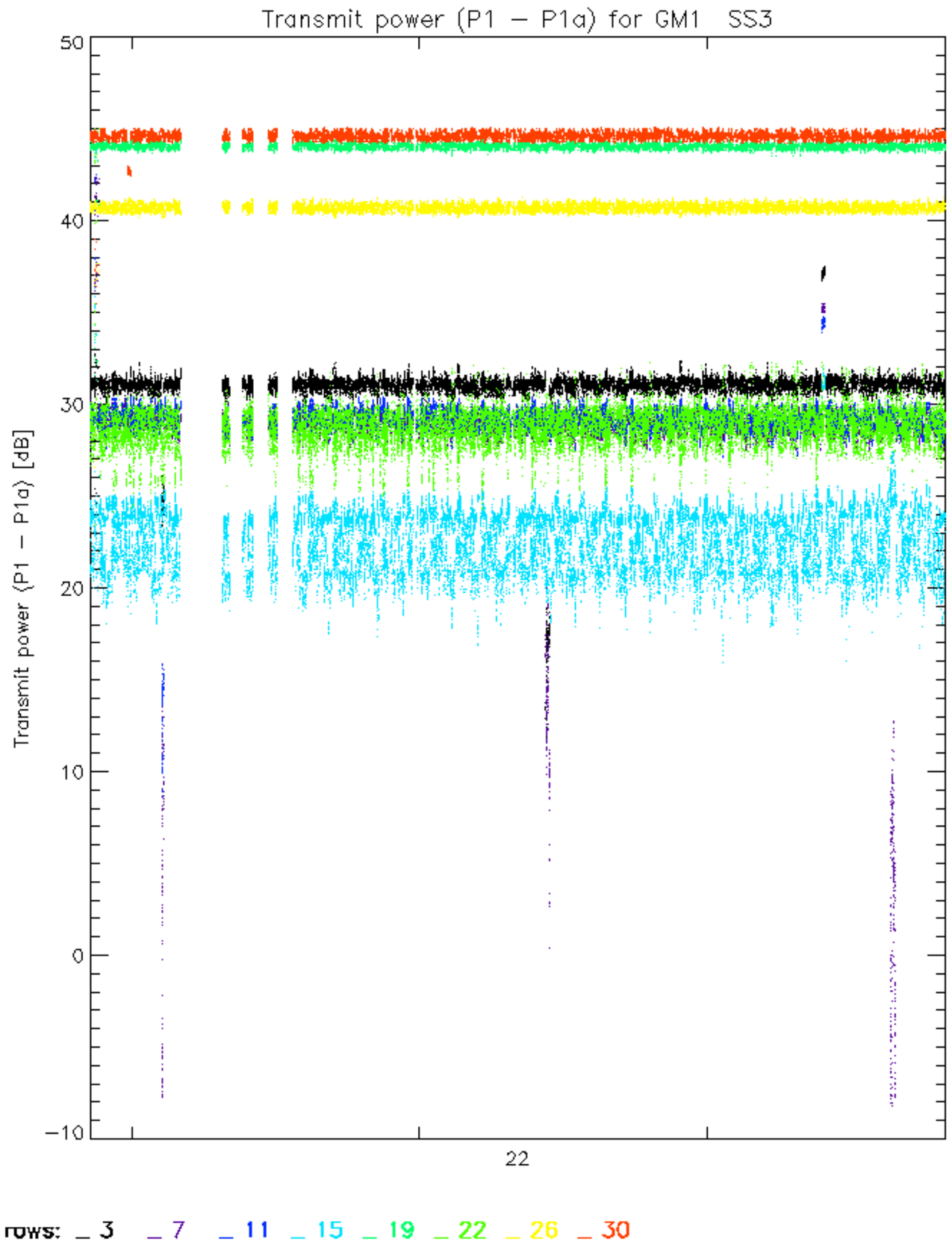
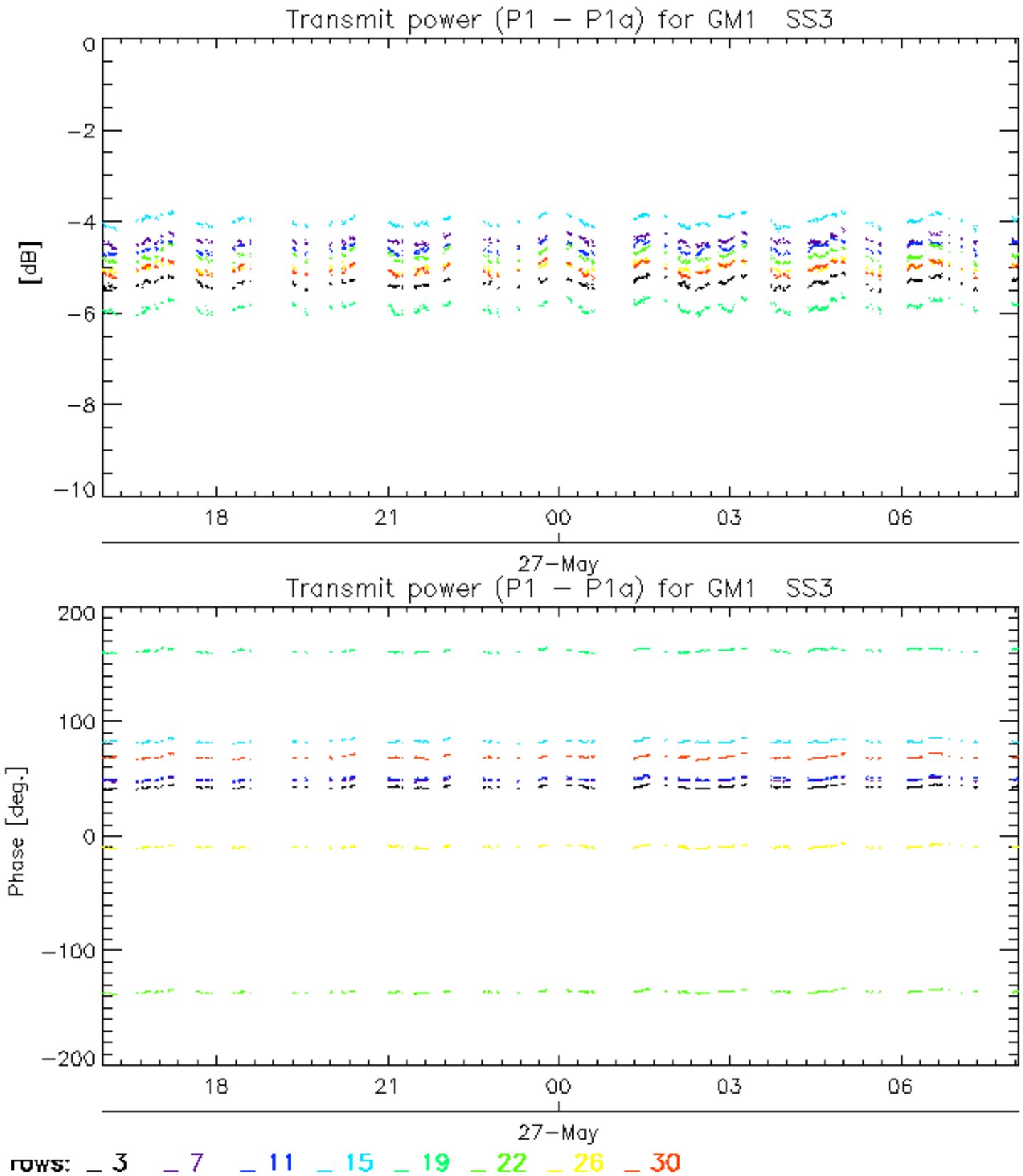
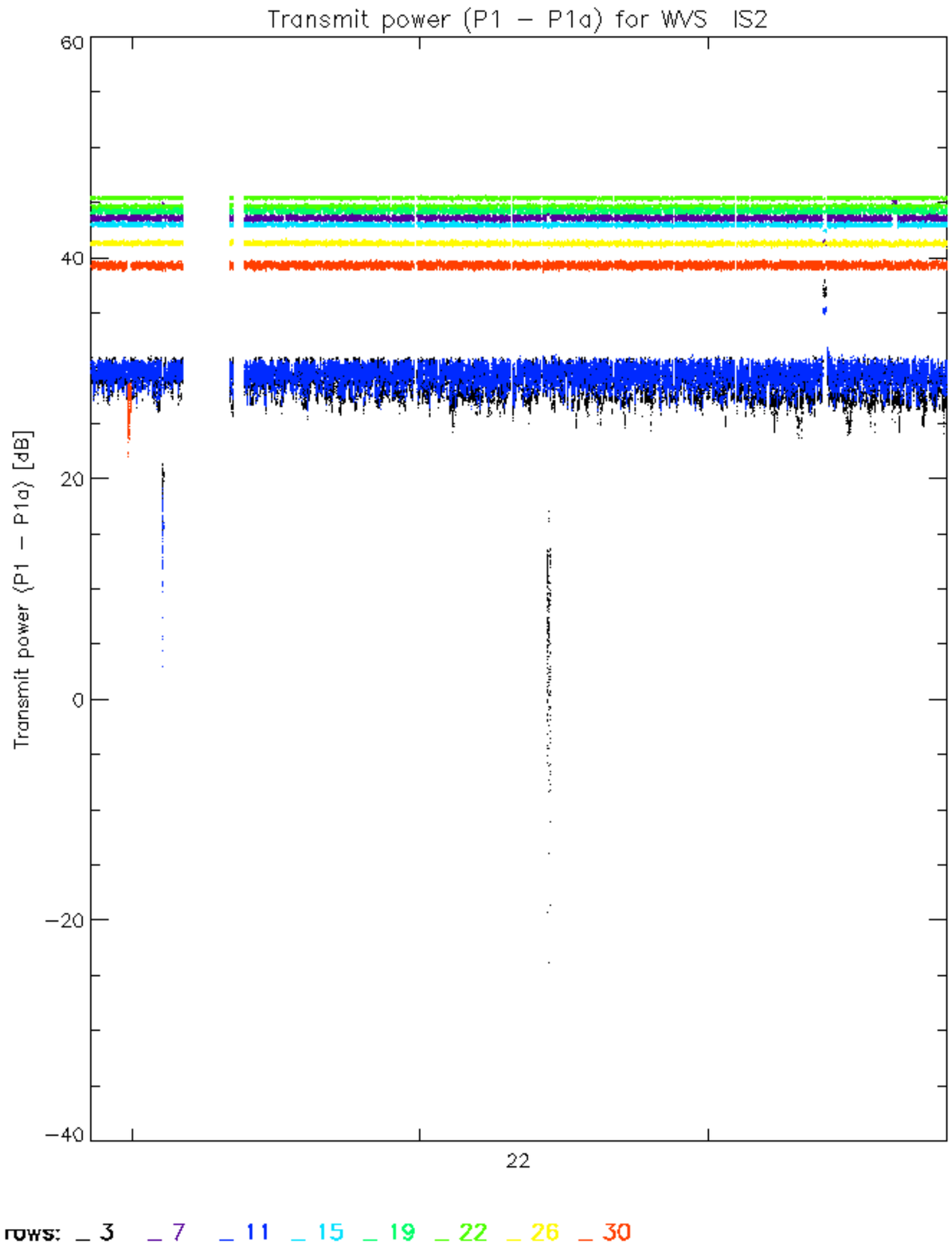
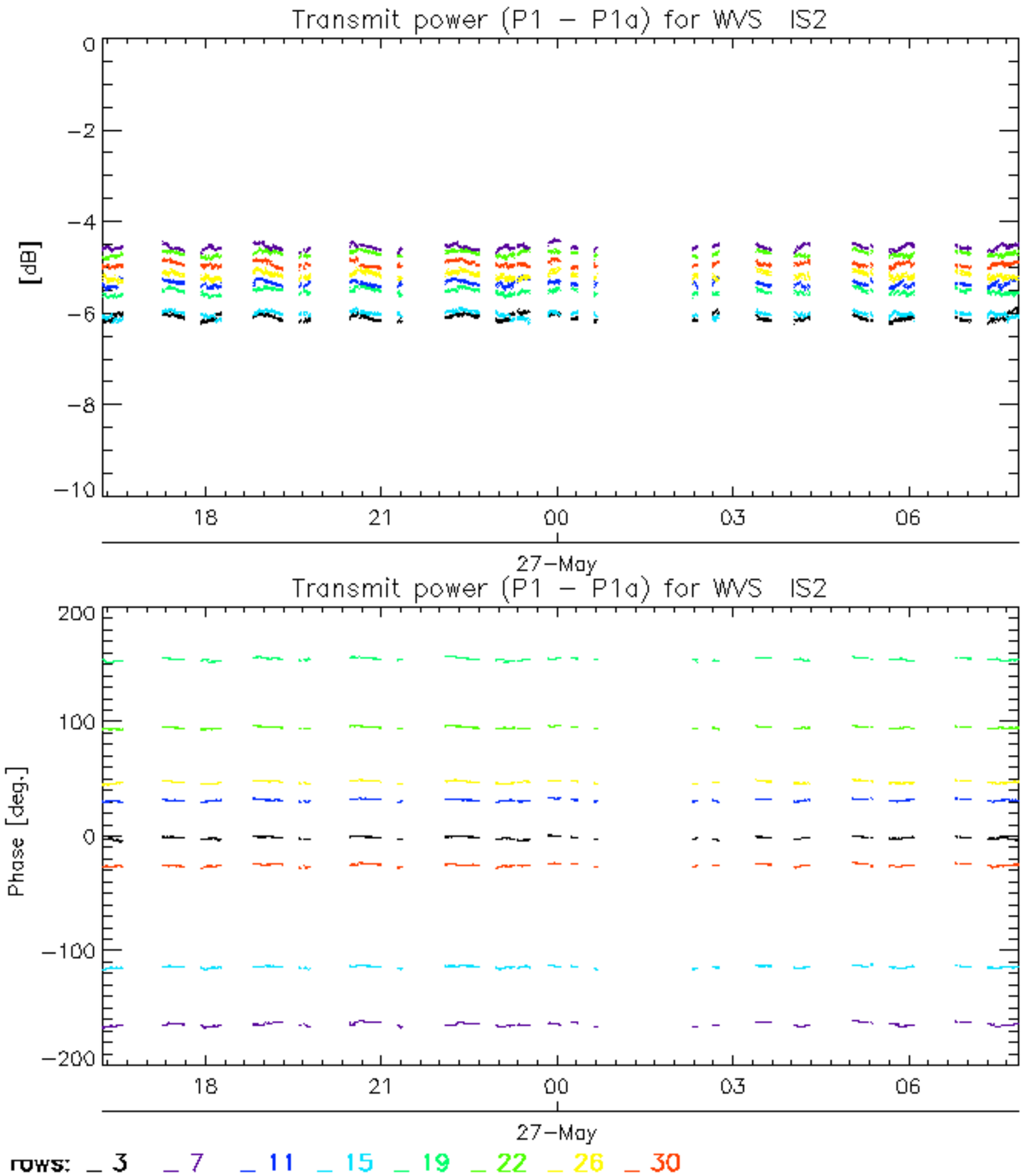

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
22
rows: 3 7 11 15 19 22 26 30


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


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

No unavailabilities during the reported period.