PRELIMINARY REPORT OF 051220

last update on Tue Dec 20 16:43:54 GMT 2005

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1 - Introduction

This report is based on the analysis of wave mode level-1 cross spectra (ASA_WVS_1P), global monitoring products (ASA_GM1_1P), which are the available few hours after the acquisition, on the browse (BP) products and
on the Module Stepping (MS) product.

2 - Summary

2.1 - Instrument Unavailability

No unavailabilities during the reported period.

2.2 - Auxiliary files

Summary of the auxiliary files used from 2005-12-19 00:00:00 to 2005-12-20 16:43:55

PDHS-K					
AUXILIARY FILE	WVS	GM1	IMM	APM	WSM

ASA_INS_AXVIEC20041215_180208_20030211_000000_20051231_000000	16	0	7	0	11
ASA_XCA_AXVIEC20051013_152531_20050916_195733_20061231_000000	16	0	7	0	11
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	17	0	1	0	8
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	33	0	8	0	19
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	17	0	1	0	8
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	17	0	1	0	8
ASA_XCH_AXVIEC20041215_180350_20020301_000000_20051231_000000	16	0	7	0	11

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_INS_AXVIEC20041215_180208_20030211_000000_20051231_000000	36	44	31	7	47
ASA_XCA_AXVIEC20051013_152531_20050916_195733_20061231_000000	36	44	31	7	47
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	9	16	4	2	11
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	45	60	35	9	58
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	9	16	4	2	11
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	9	16	4	2	11
ASA_XCH_AXVIEC20041215_180350_20020301_000000_20051231_000000	36	44	31	7	47

2.3 - Browse Visual Inspection

No anomalies observed on available browse products

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	20051219 084151
H	20051220 081013

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	-3.657824	0.241036	-0.080226
7	P1	-2.754259	0.127137	0.156981
11	P1	-4.147161	0.032235	-0.013820
15	P1	-5.112379	1.719199	0.679199
19	P1	-3.040159	0.063670	0.095397
22	P1	-4.438066	0.022201	0.036510
26	P1	-4.396526	0.060471	-0.100185
30	P1	-5.655482	0.034279	0.071410
3	P1	-15.592965	2.618173	-0.161096
7	P1	-15.317051	2.659417	0.747422
11	P1	-16.321259	0.476858	0.197360
15	P1	-12.774147	0.988190	0.668554
19	P1	-13.427748	0.355307	0.215777
22	P1	-16.008139	0.632117	0.335602
26	P1	-15.112328	1.098285	0.605562
30	P1	-15.588556	2.467359	0.782671

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.842712	0.110655	0.130877
7	P2	-22.550293	0.104901	0.027388
11	P2	-16.555052	0.125704	0.136306
15	P2	-7.278772	0.104088	-0.009392

19	P2	-9.218575	0.102029	0.010936
22	P2	-17.870798	0.111401	-0.008320
26	P2	-16.367626	0.132286	-0.141742
30	P2	-19.788649	0.118350	-0.076583

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.235535	0.007525	-0.004605
7	P3	-8.235535	0.007525	-0.004605
11	P3	-8.235535	0.007525	-0.004605
15	P3	-8.235535	0.007525	-0.004605
19	P3	-8.235535	0.007525	-0.004605
22	P3	-8.235535	0.007525	-0.004605
26	P3	-8.235535	0.007525	-0.004605
30	P3	-8.235535	0.007525	-0.004605

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	-3.701236	0.008106	-0.019406
7	P1	-2.775320	0.011782	0.021136
11	P1	-2.876077	0.014745	-0.000919
15	P1	-3.408604	0.021600	-0.020119
19	P1	-3.388143	0.013678	-0.022951
22	P1	-5.123883	0.019152	-0.004032
26	P1	-5.838733	0.016180	-0.033697
30	P1	-5.279370	0.033306	-0.034417

3	P1	-11.477586	0.041265	-0.029427
7	P1	-9.967928	0.046228	-0.014173
11	P1	-10.049923	0.060417	0.021432
15	P1	-10.571107	0.079727	0.089539
19	P1	-15.513439	0.072932	-0.059595
22	P1	-20.956915	0.966488	-0.150927
26	P1	-17.181610	0.303525	0.009280
30	P1	-18.284916	0.307578	0.262234

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-17.621250	0.030050	0.045729
7	P2	-23.050489	0.058205	-0.039643
11	P2	-11.628716	0.021231	0.110605
15	P2	-4.986038	0.021468	-0.046861
19	P2	-6.965728	0.022629	-0.056766
22	P2	-8.195301	0.022957	-0.059761
26	P2	-24.049709	0.031445	-0.028954
30	P2	-22.124254	0.018812	-0.055026

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.076621	0.002455	-0.009989
7	P3	-8.076690	0.002452	-0.009974
11	P3	-8.076599	0.002442	-0.010479
15	P3	-8.076622	0.002455	-0.010831
19	P3	-8.076667	0.002456	-0.010356
22	P3	-8.076683	0.002456	-0.010148
26	P3	-8.076561	0.002429	-0.010744
30	P3	-8.076296	0.002453	-0.010418

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

4.3.2 - Evolution for GM1

5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000463371
	stdev	2.16873e-07
MEAN Q	mean	0.000479818
	stdev	2.36530e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.129096
	stdev	0.00108682
STDEV Q	mean	0.129381
	stdev	0.00109909

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2005121[890]
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_1PNPDE20051218_003640_000001812043_00274_19867_4206.N1	1	0
ASA_IMM_1PNPDE20051219_004807_000002122043_00288_19881_4281.N1	1	0
ASA_IMM_1PNPDK20051219_124842_000001212043_00296_19889_9459.N1	1	0
ASA_WSM_1PNPDE20051210_012121_000004282043_00160_19753_3544.N1	0	65
ASA_WSM_1PNPDE20051210_161814_000001462043_00169_19762_3611.N1	0	1
ASA_WSM_1PNPDE20051218_163148_000001292043_00284_19877_4793.N1	0	70
ASA_WSM_1PNPDE20051218_181506_000001292043_00285_19878_4809.N1	0	8
ASA_WSM_1PNPDE20051218_231423_000001102043_00288_19881_4861.N1	0	12
ASA_WSM_1PNPDE20051219_041808_000001462043_00291_19884_4882.N1	0	29

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

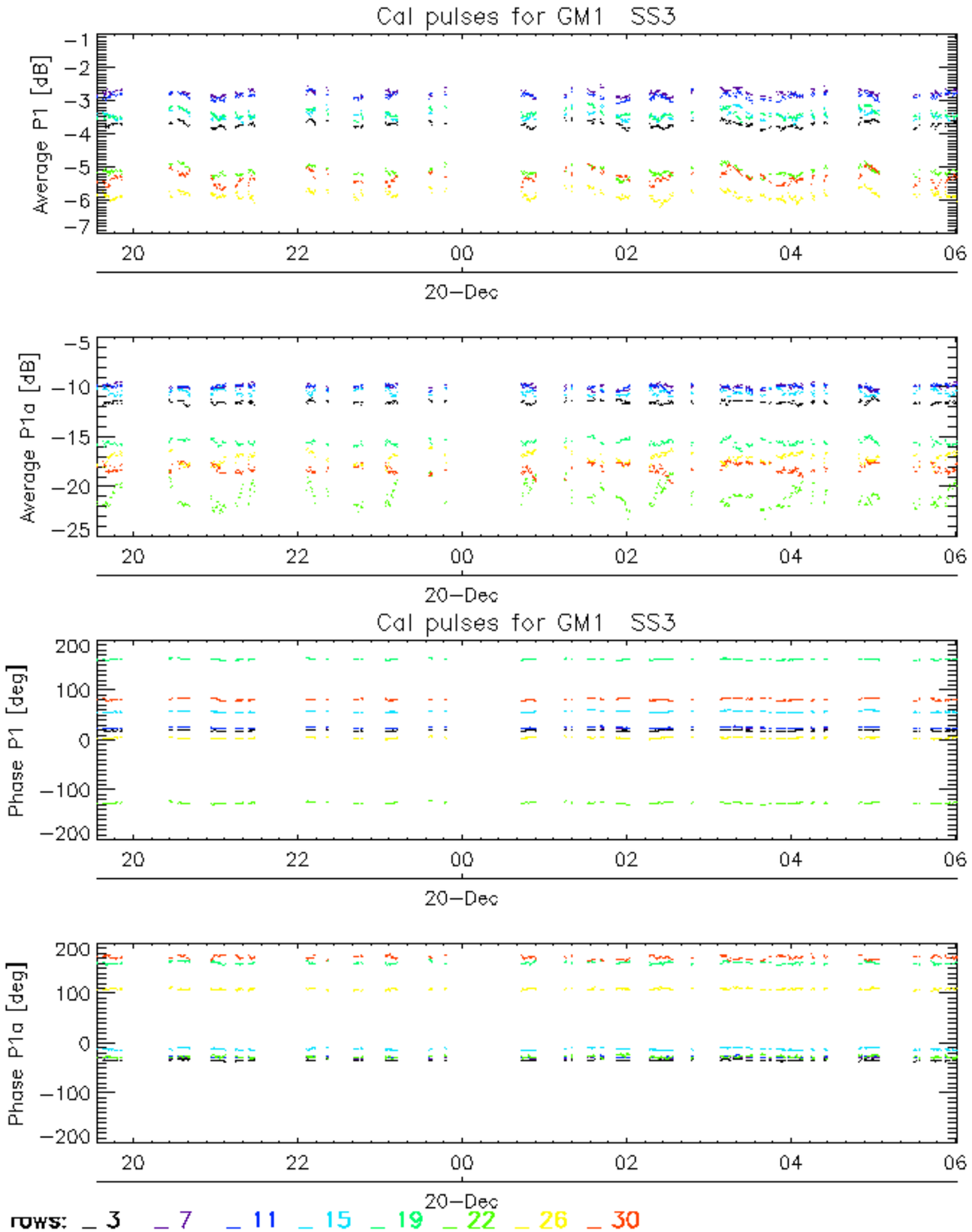
Evolution of unbiased Doppler error (Real - Expected)
☒
Acsending
☒
Descending

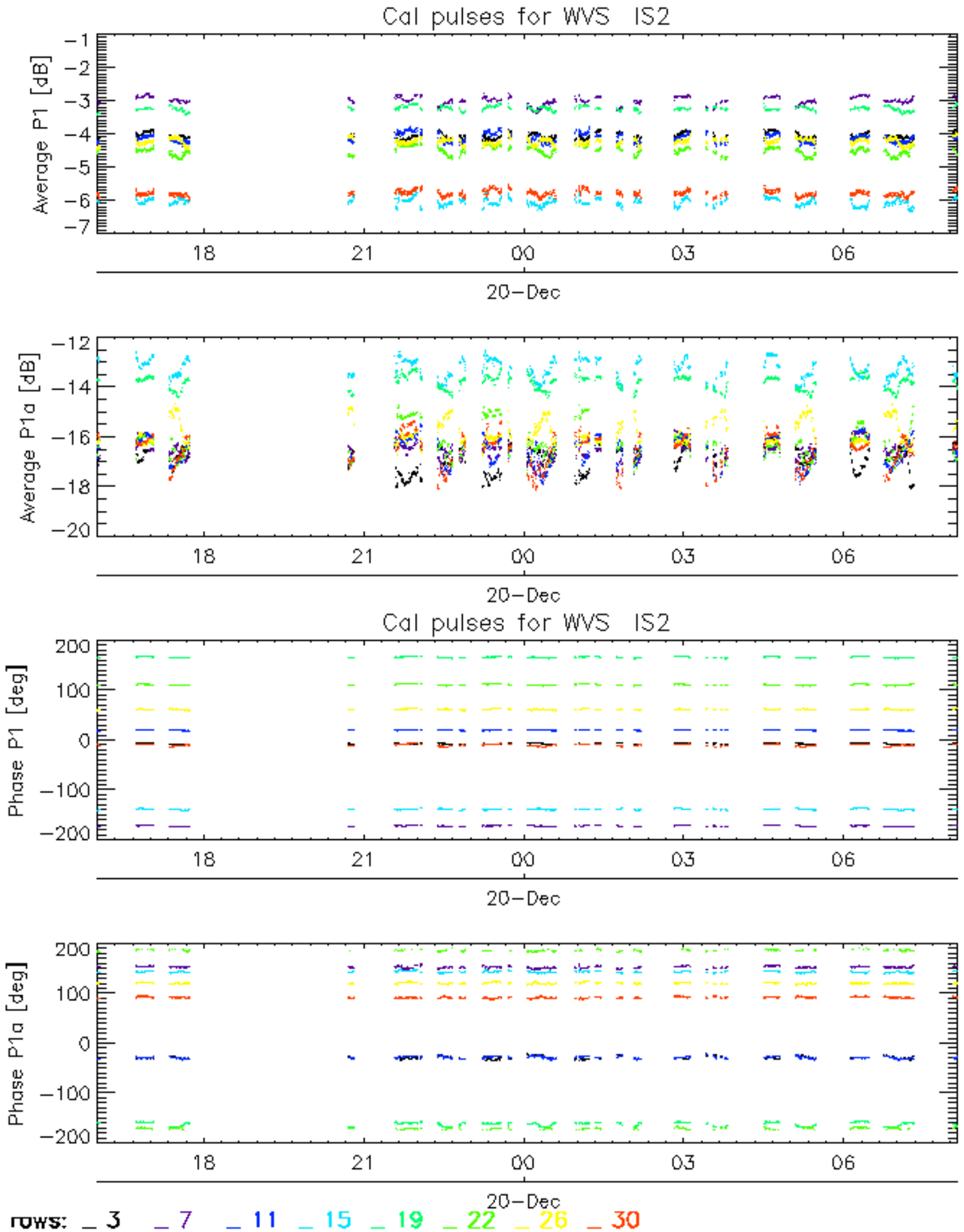
7.5 - Absolute Doppler for GM1

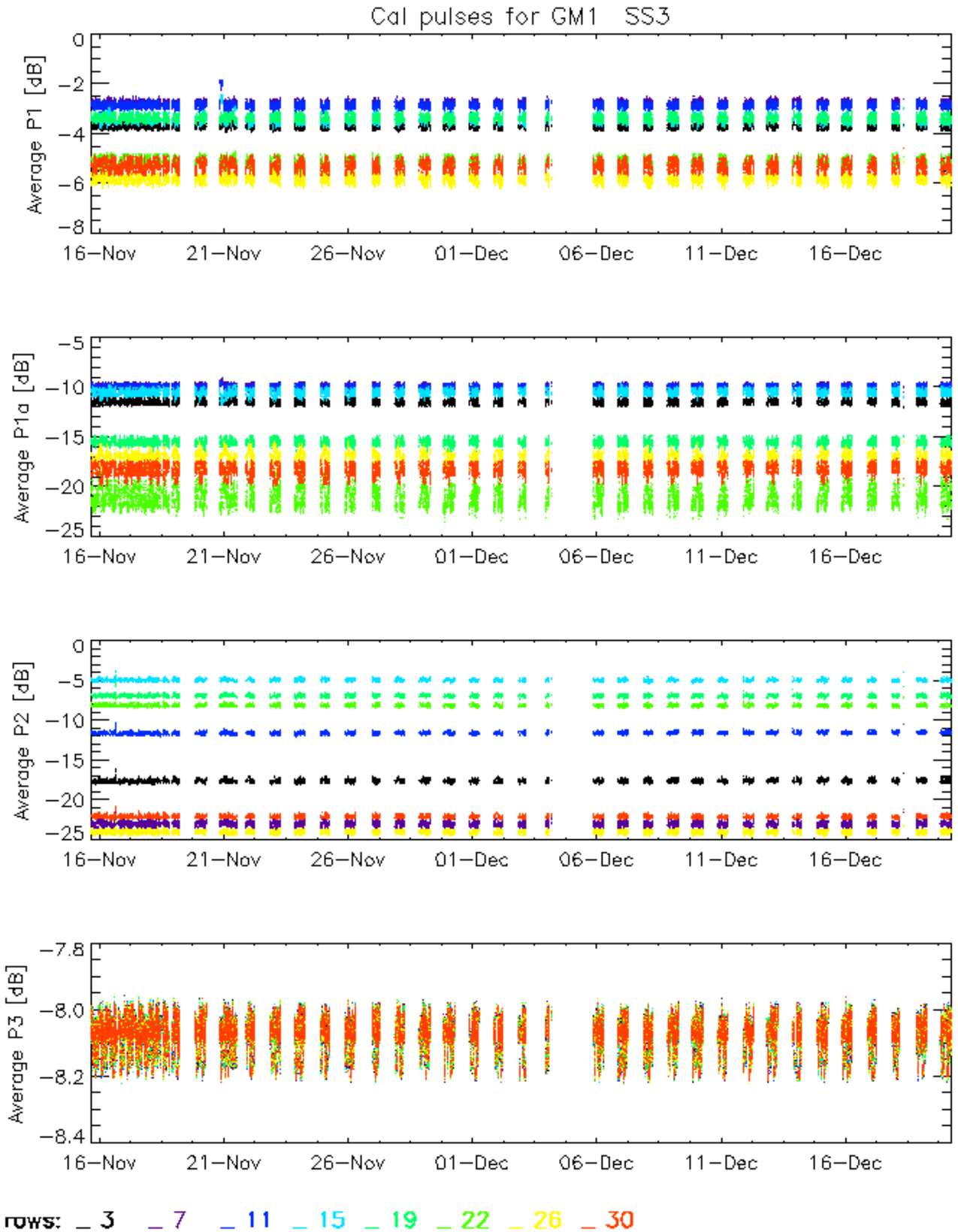
Evolution of Absolute Doppler
☒
Acsending
☒
Descending

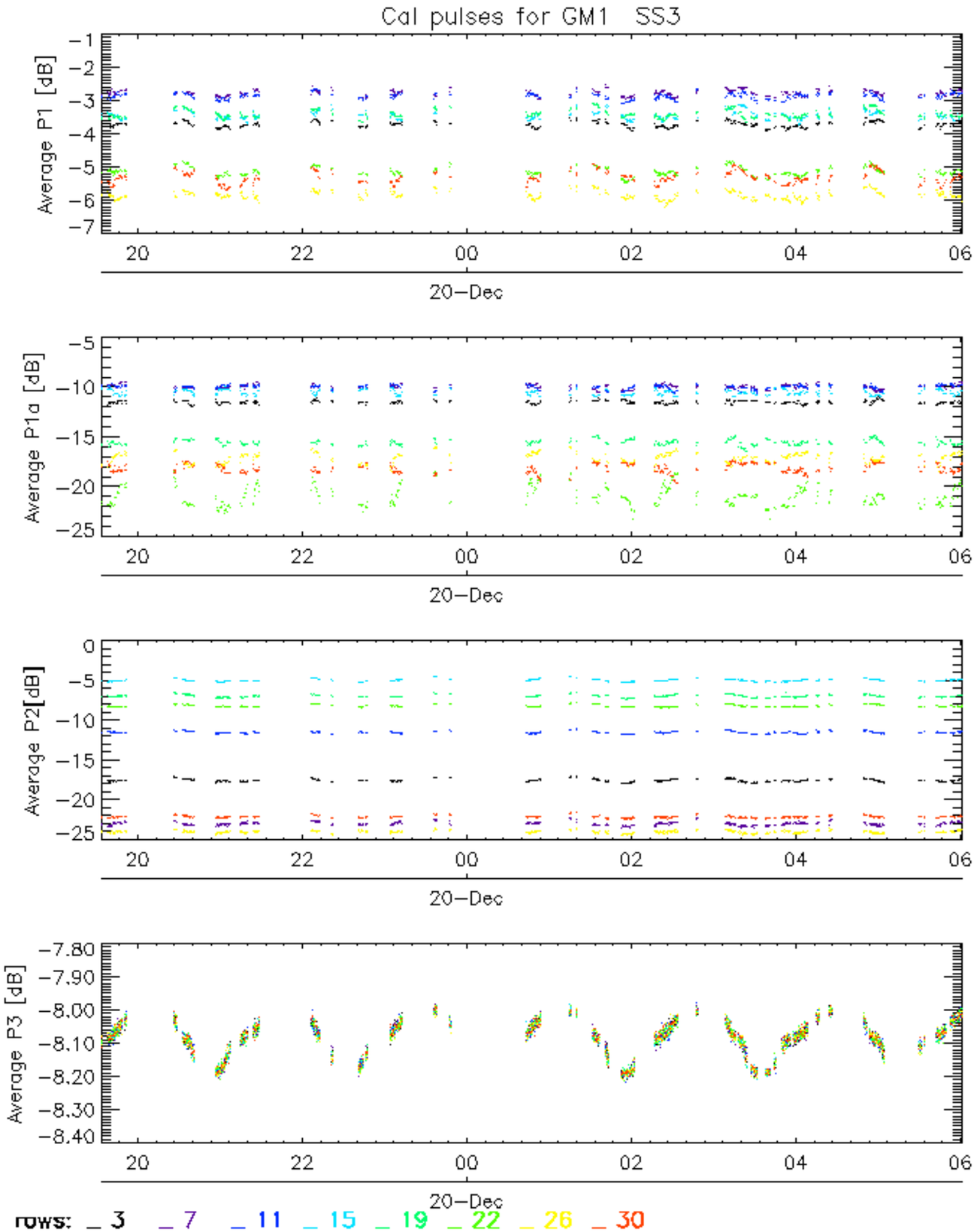
7.6 - Doppler evolution versus ANX for GM1

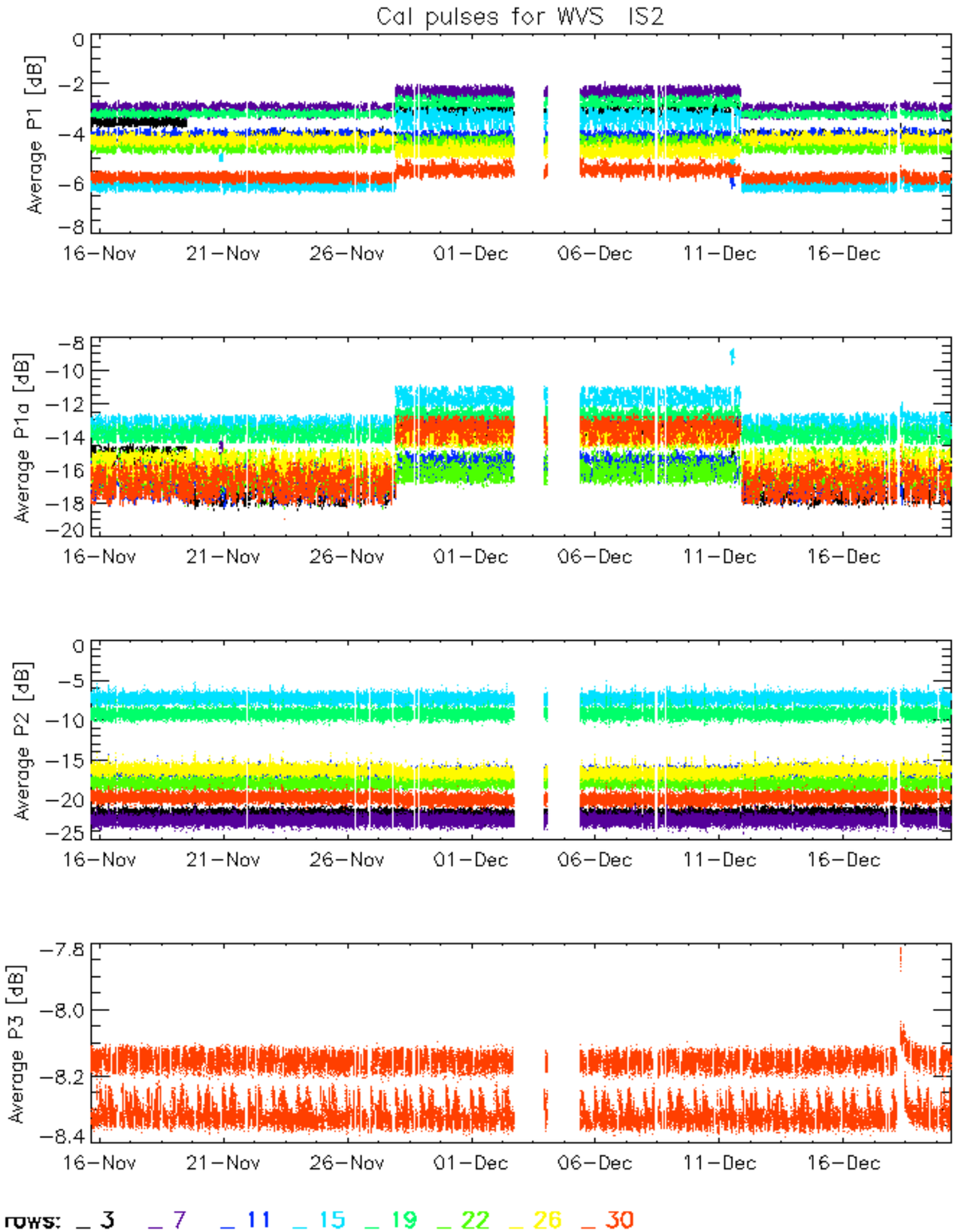
Evolution Doppler error versus ANX
☒

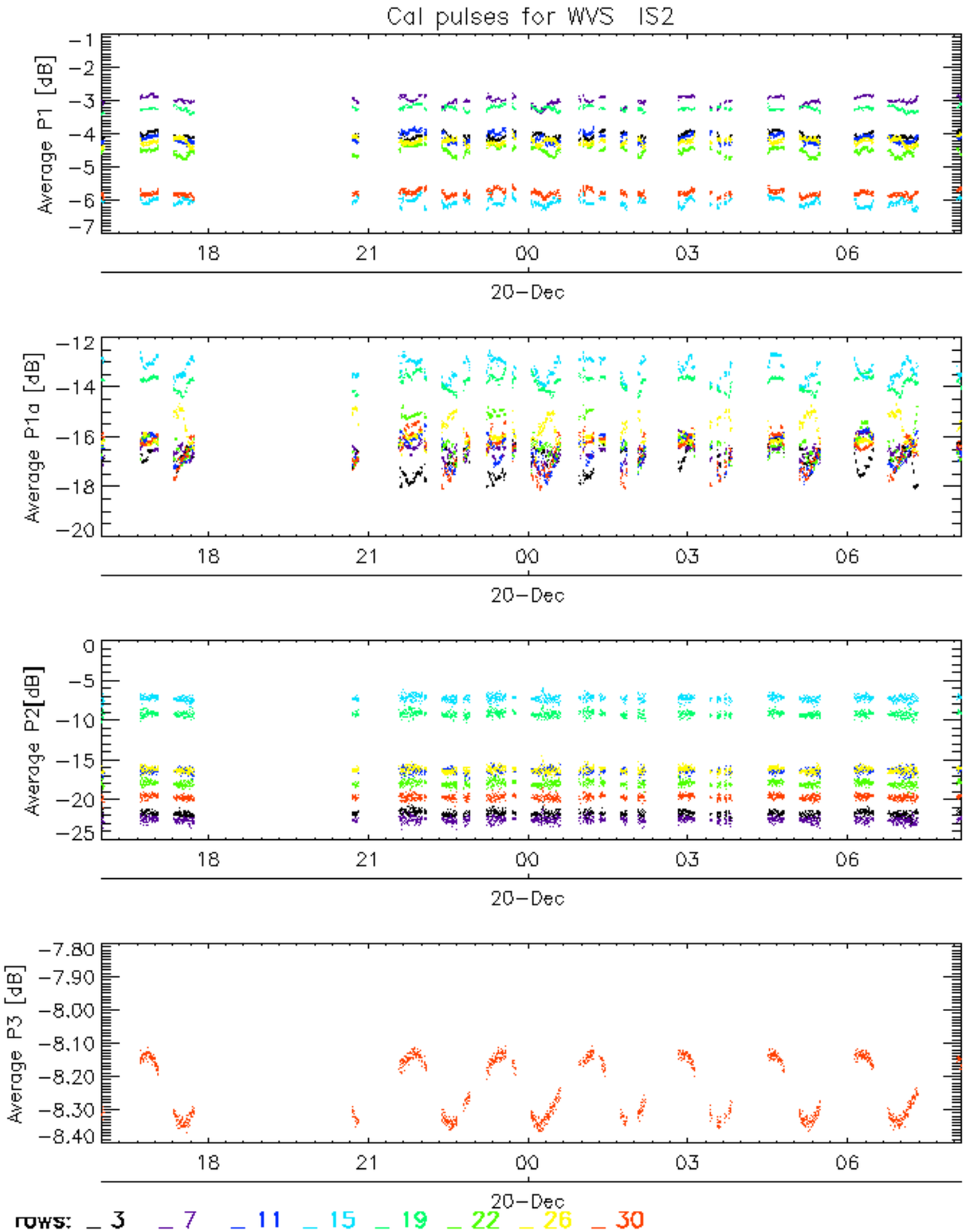

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
20
22
00
02
04
06
20−Dec
Average P1a [dB]
−5
−10
−15
−20
−25
20
22
00
02
04
06
20−Dec
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
20
22
00
02
04
06
20−Dec
Phase P1a [deg]
200
100
0
−100
−200
20
22
00
02
04
06
20−Dec
rows: 3 7 11 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
20−Dec
Average P1a [dB]
−12
−14
−16
−18
−20
18
21
00
03
06
20−Dec
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
20−Dec
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
20−Dec
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


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

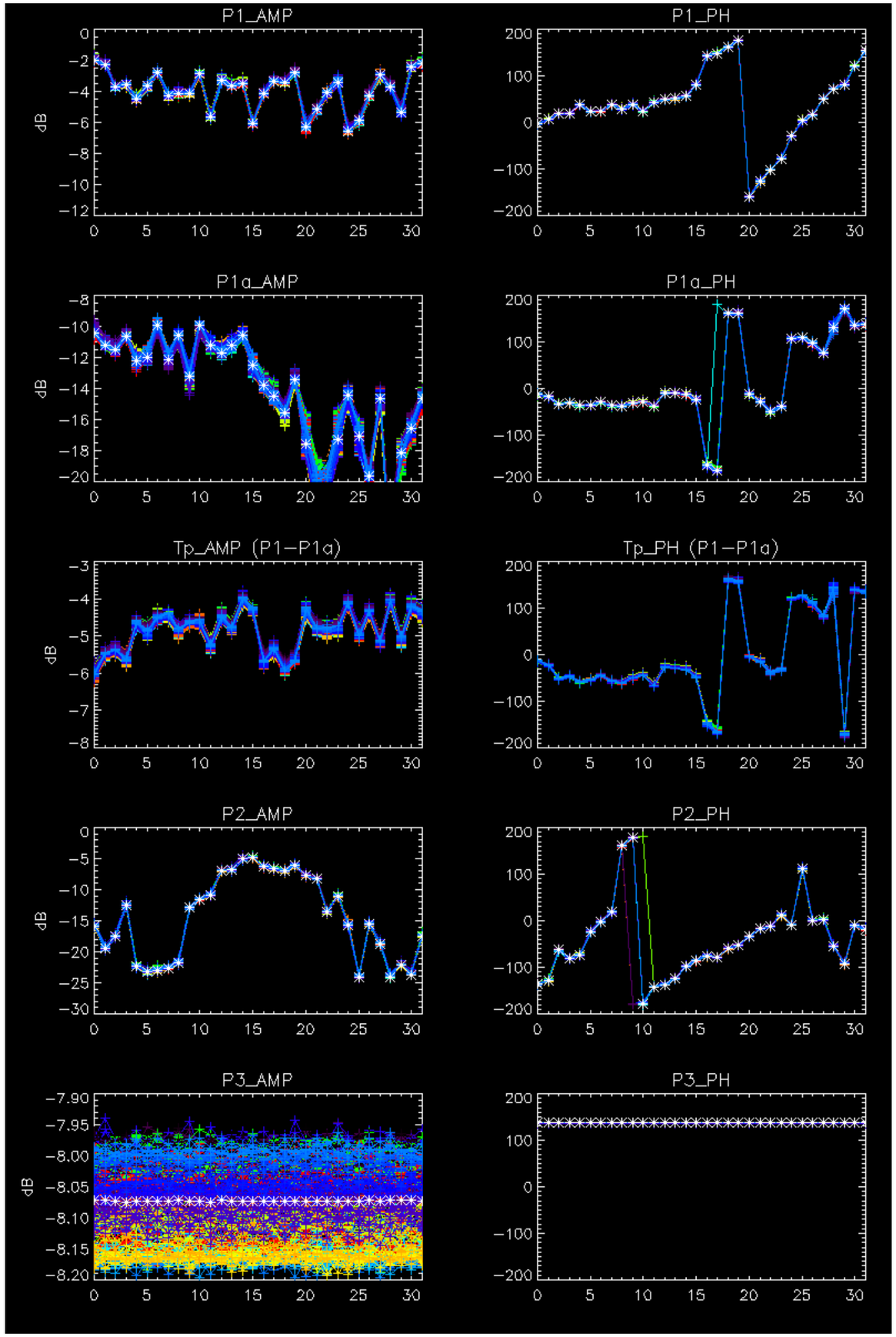

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
20
22
00
02
04
06
20−Dec
Average P1a [dB]
−5
−10
−15
−20
−25
20
22
00
02
04
06
20−Dec
Average P2[dB]
0
−5
−10
−15
−20
−25
20
22
00
02
04
06
20−Dec
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
20
22
00
02
04
06
20−Dec
rows: _ 3 _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

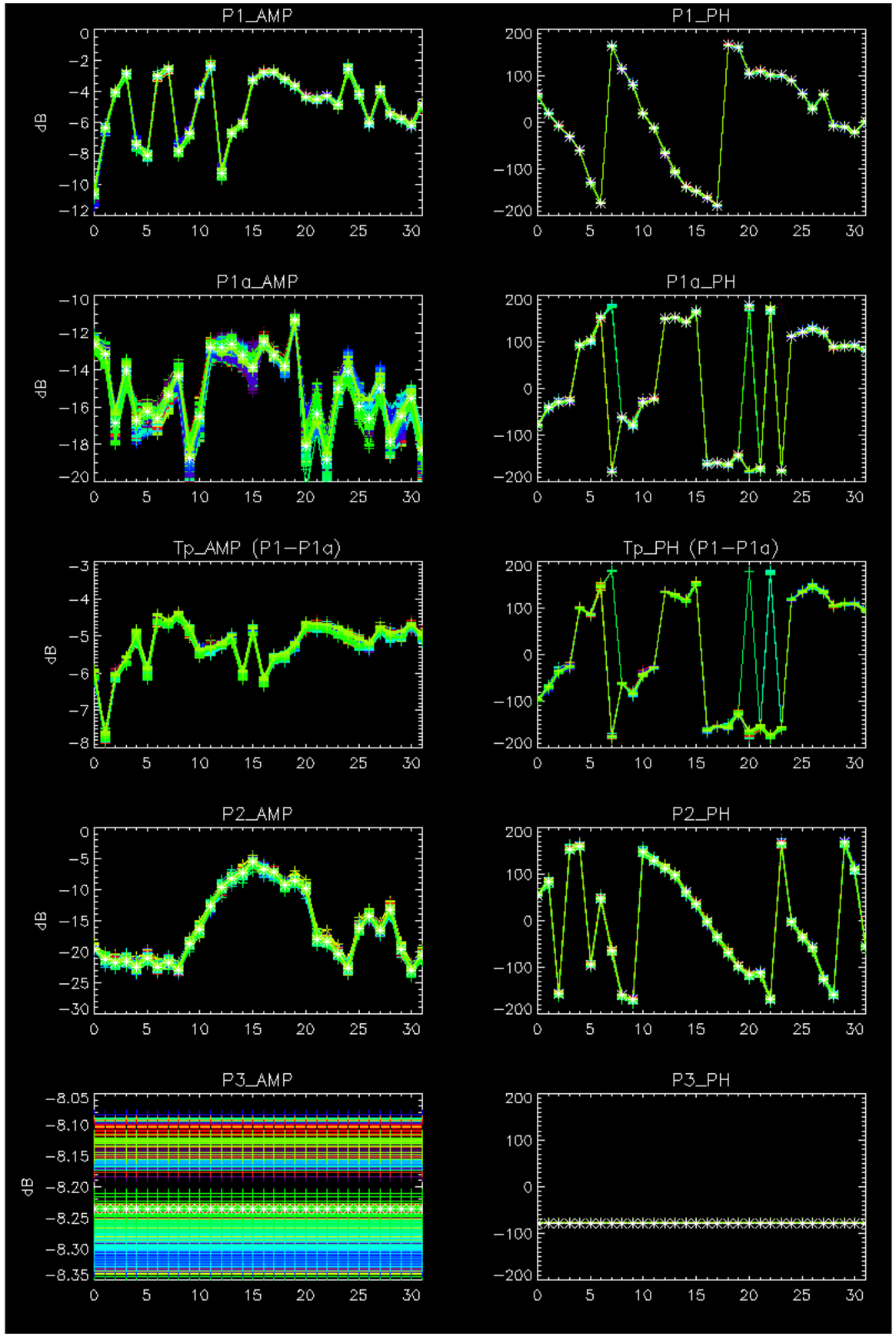

Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
16−Nov
21−Nov
26−Nov
01−Dec
06−Dec
11−Dec
16−Dec
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
20−Dec
Average P1a [dB]
−12
−14
−16
−18
−20
18
21
00
03
06
20−Dec
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
20−Dec
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
20−Dec
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

No anomalies observed on available browse products

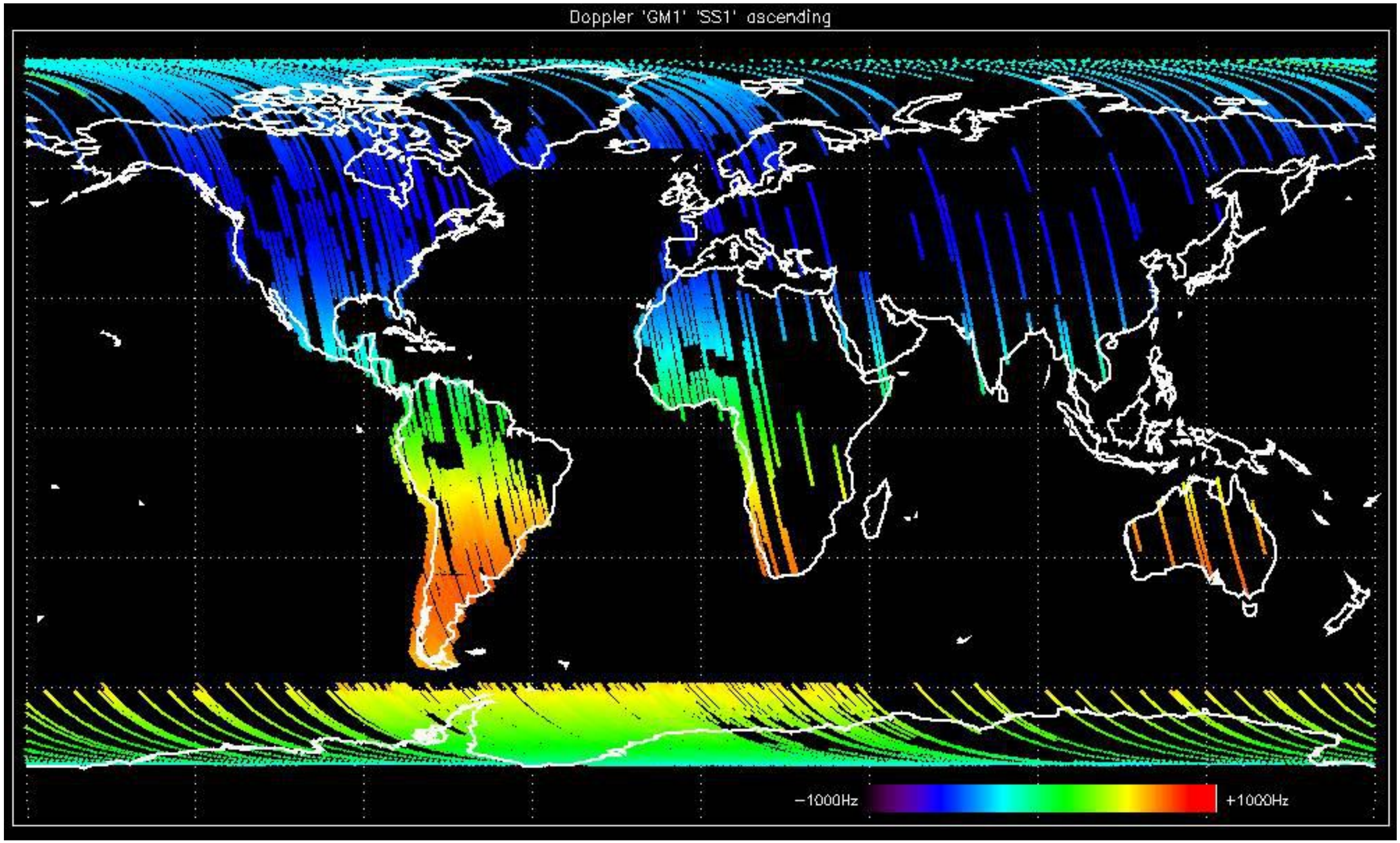
No anomalies observed.

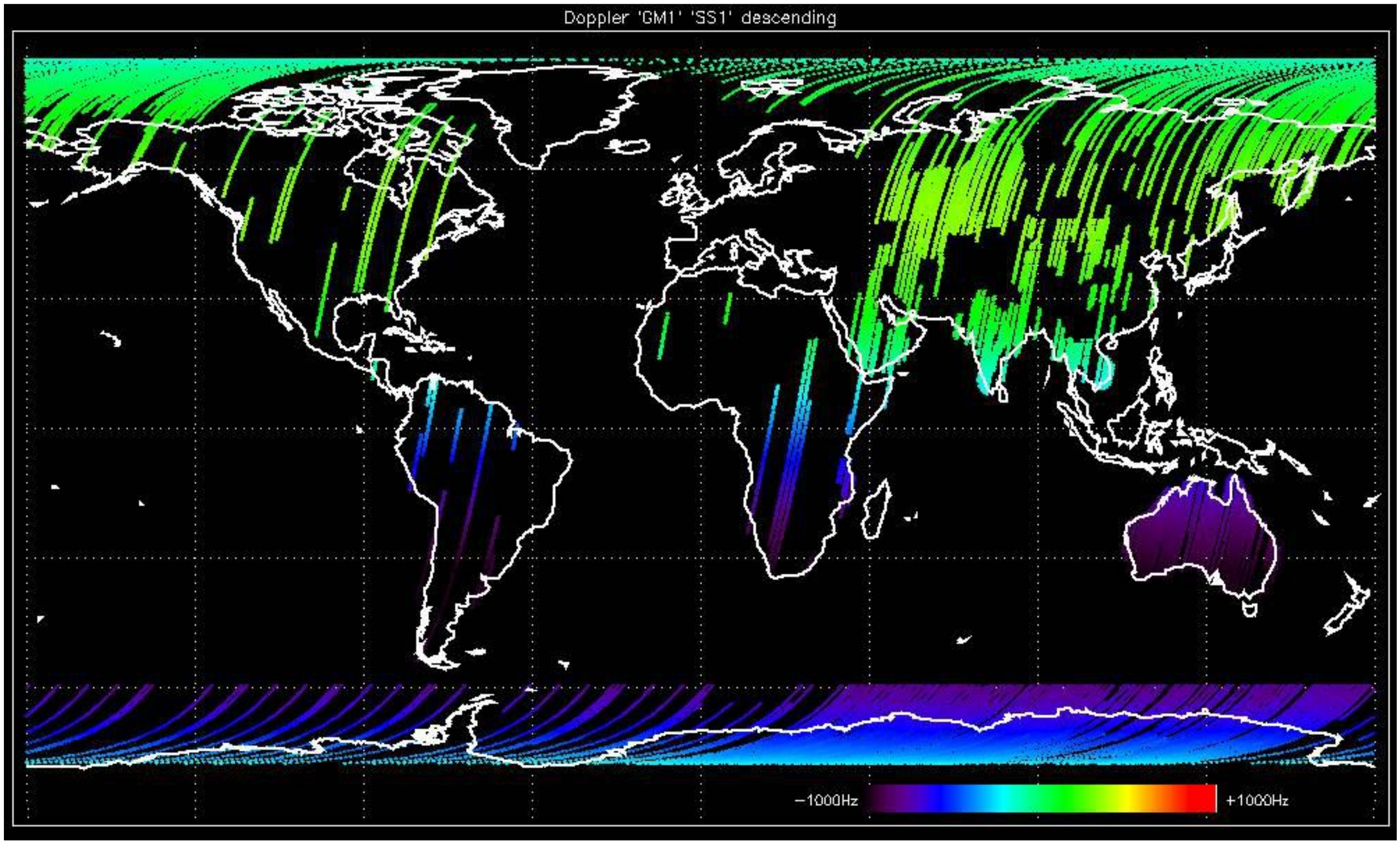

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

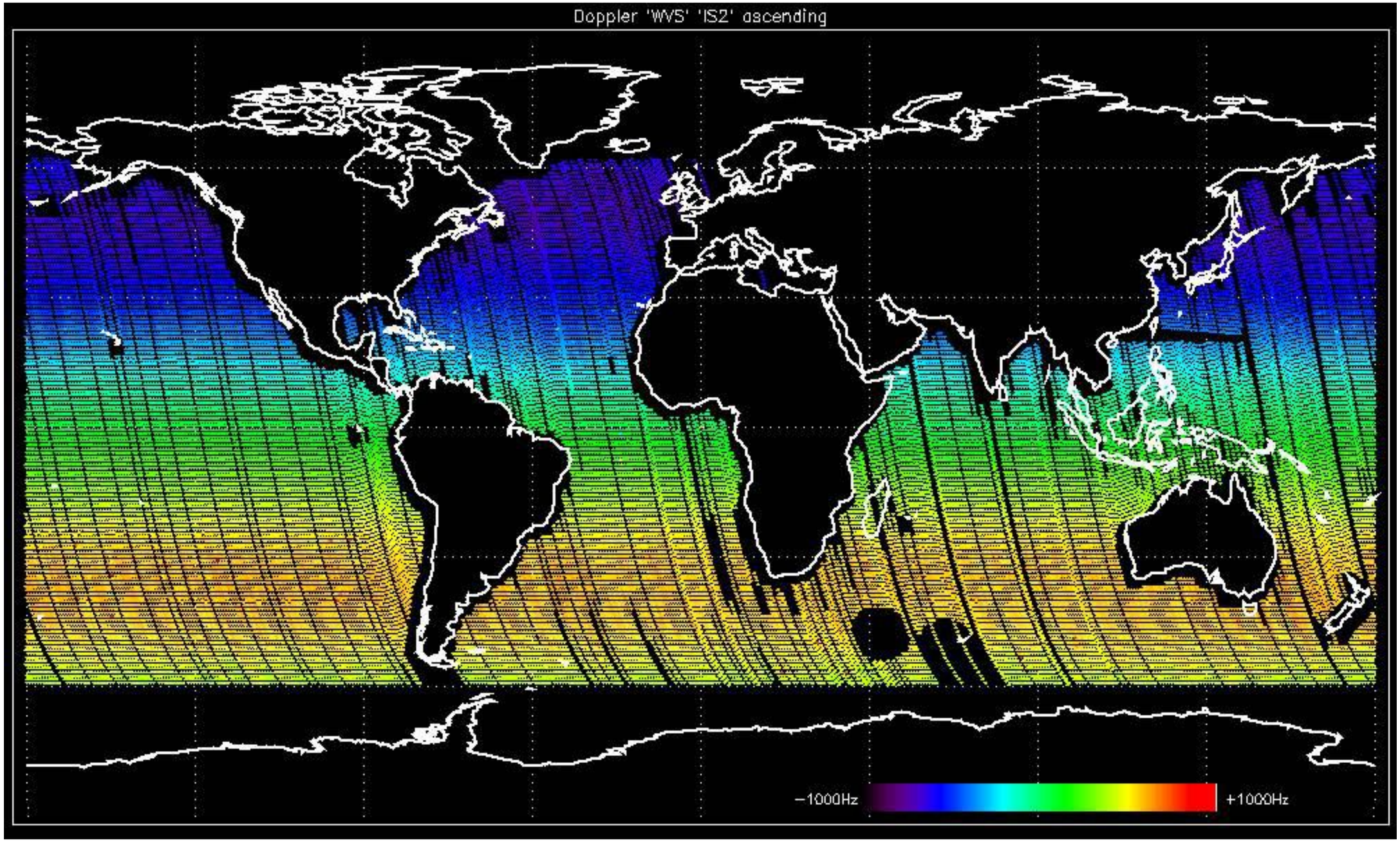

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

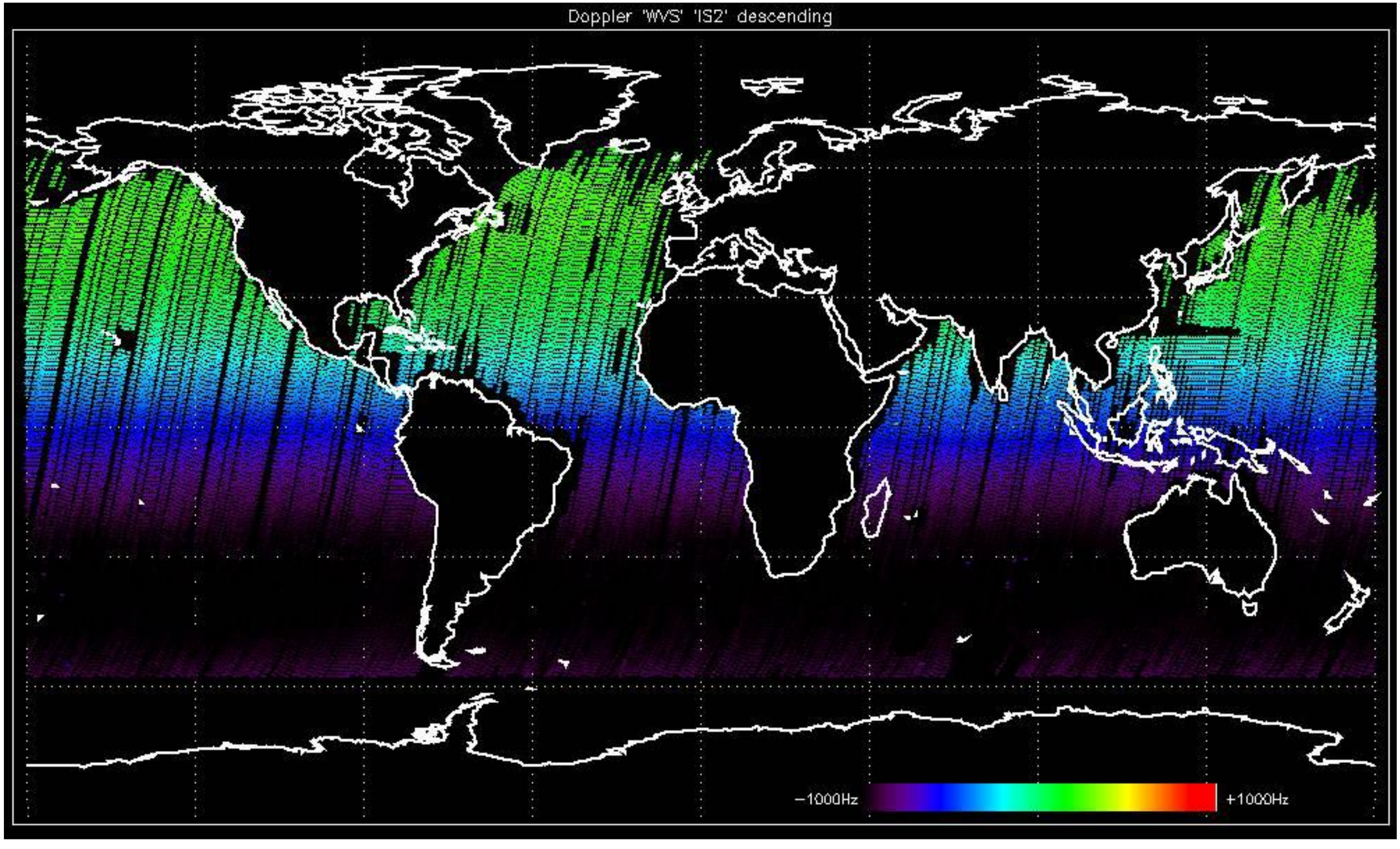
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

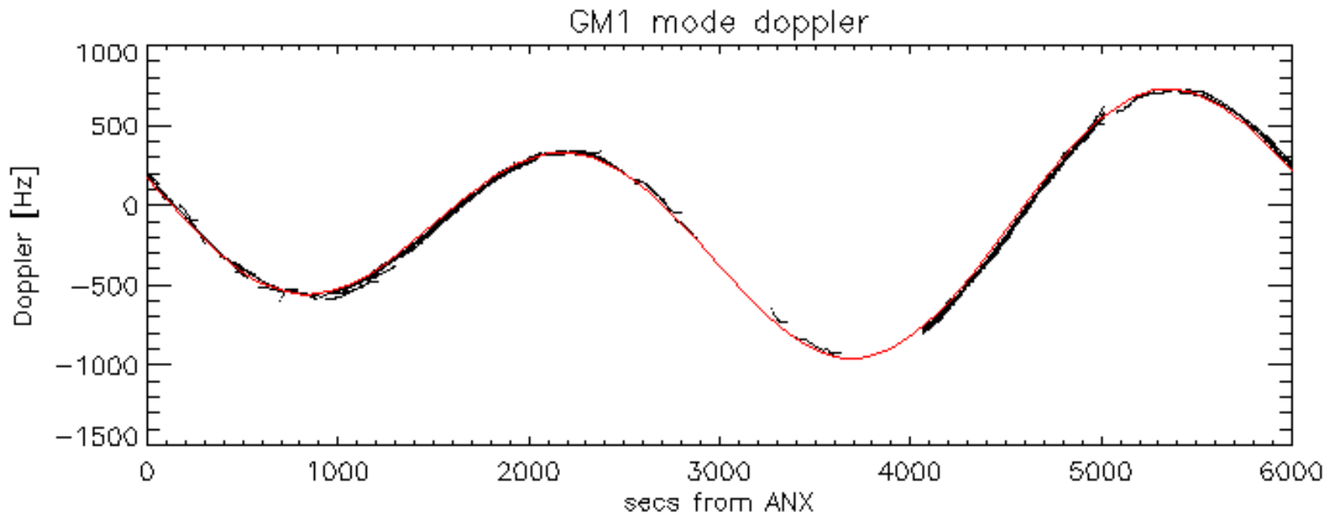
Preliminary report.The data is not yet controled

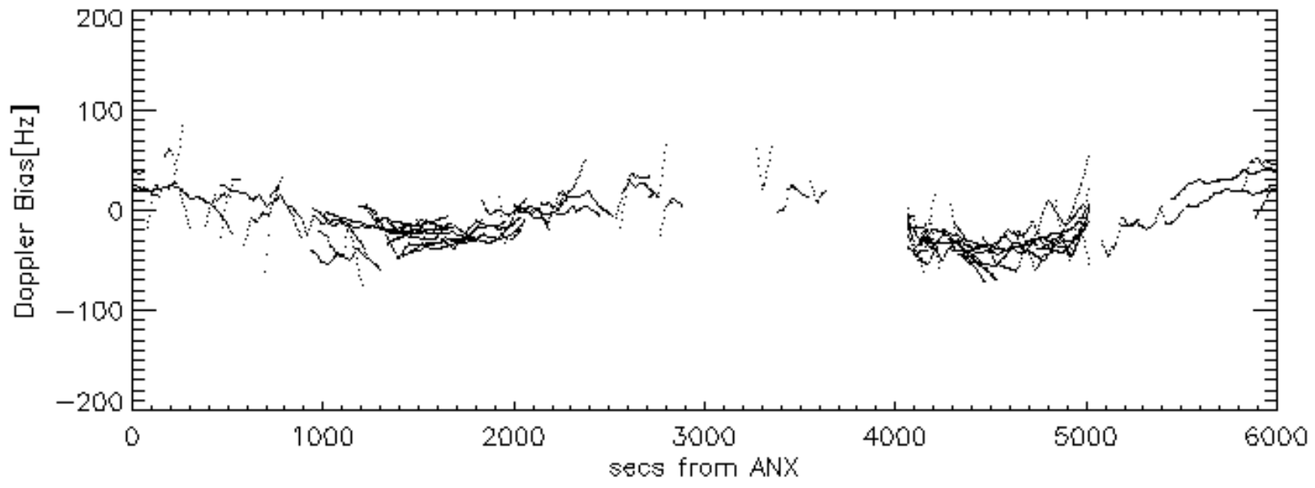

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

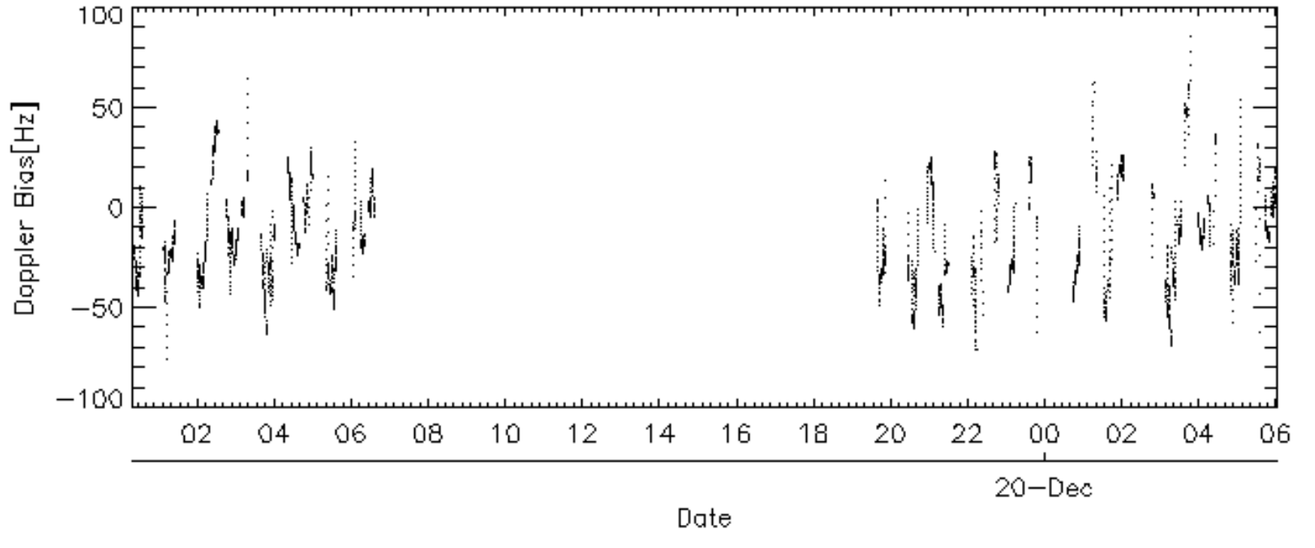

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

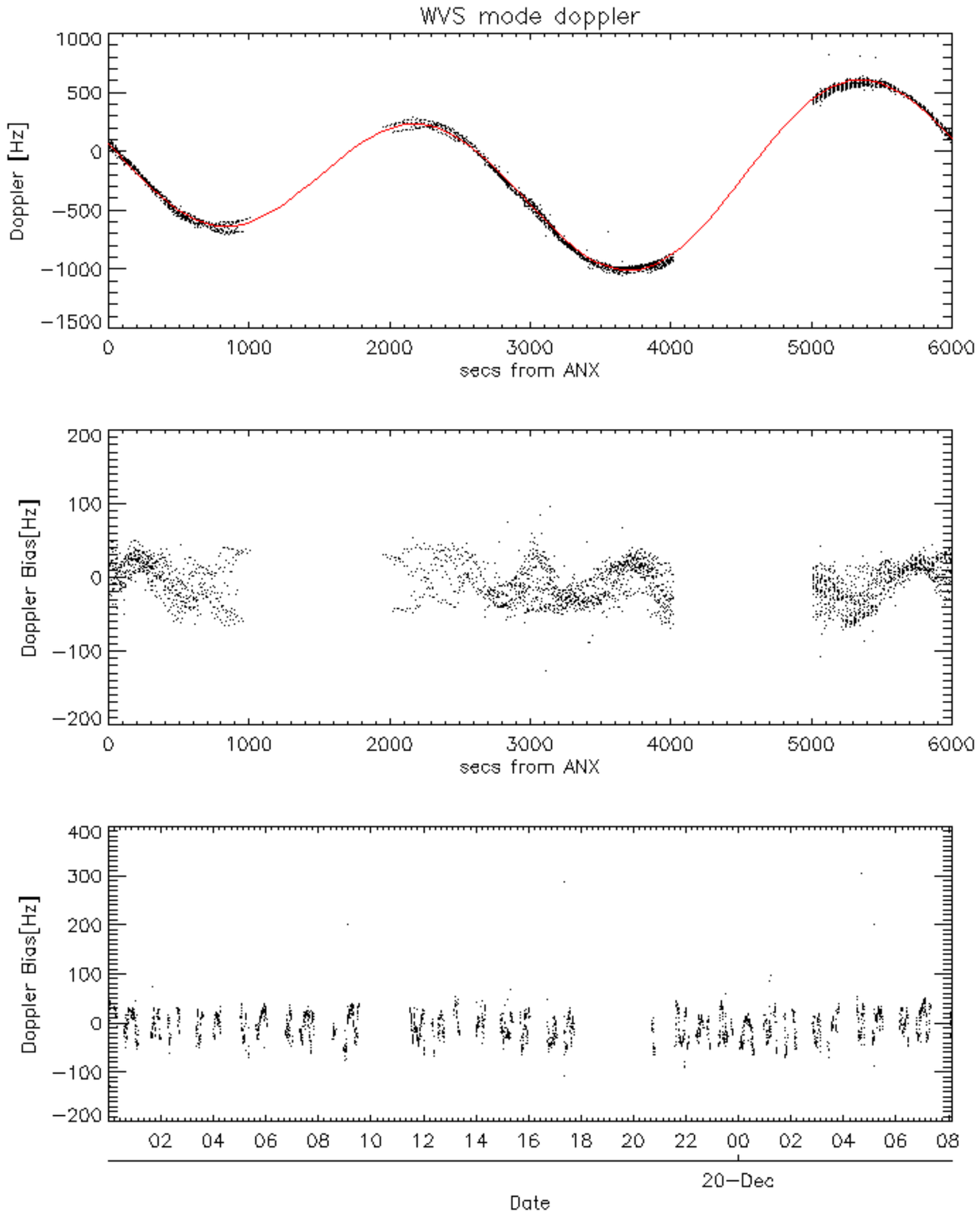

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz


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
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
20−Dec
Date


WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
400
300
200
100
0
−100
−200
02
04
06
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02
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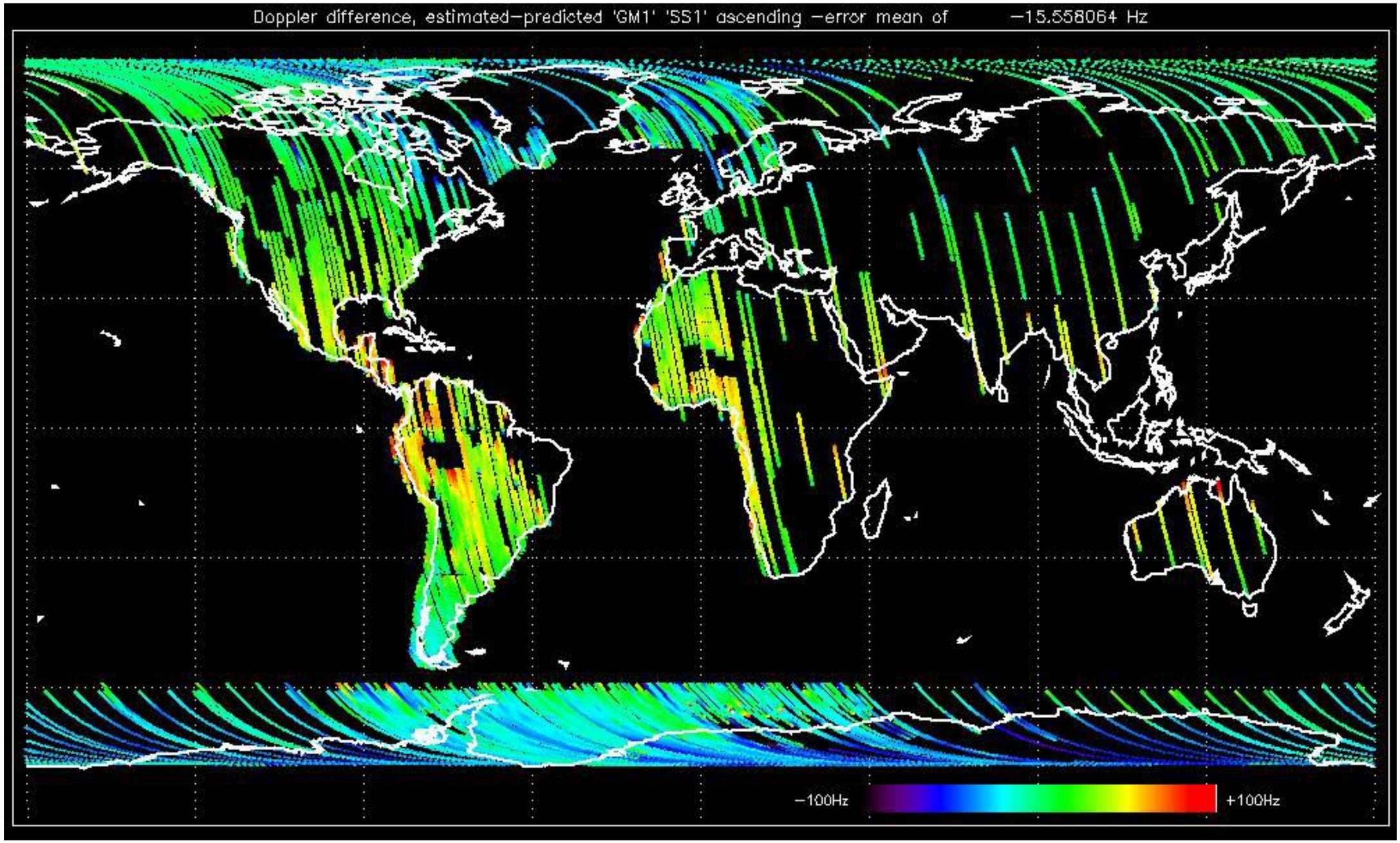
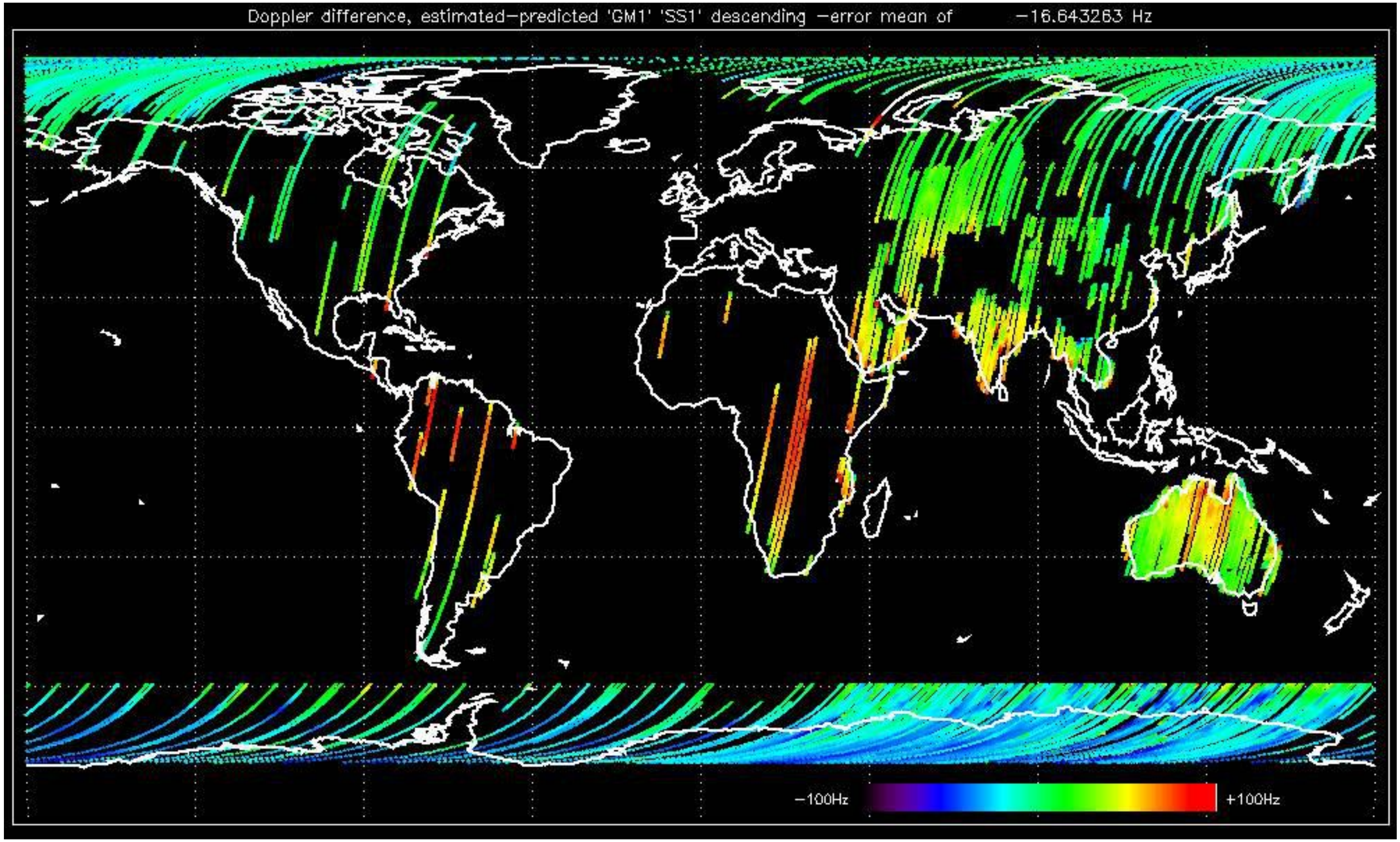
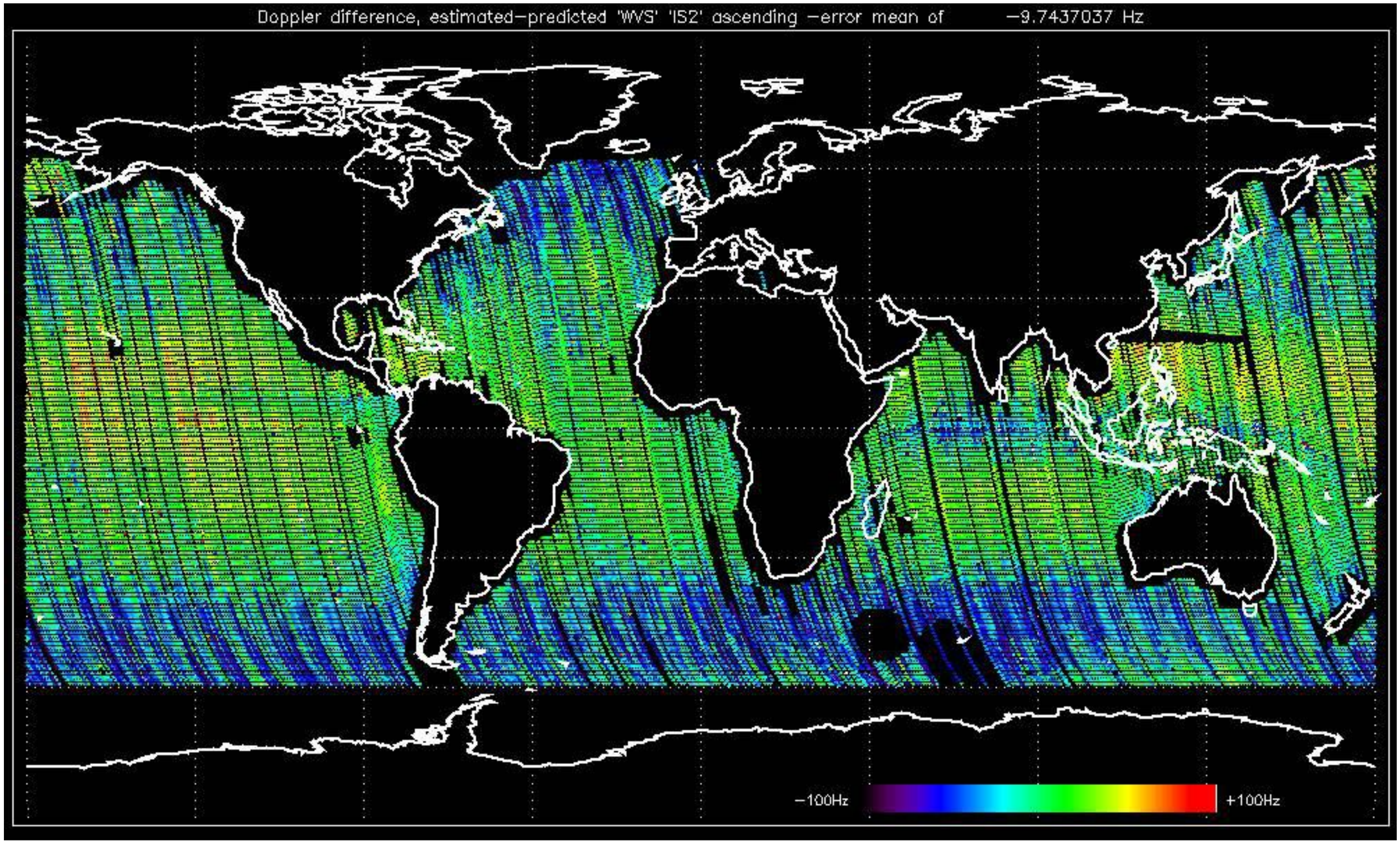
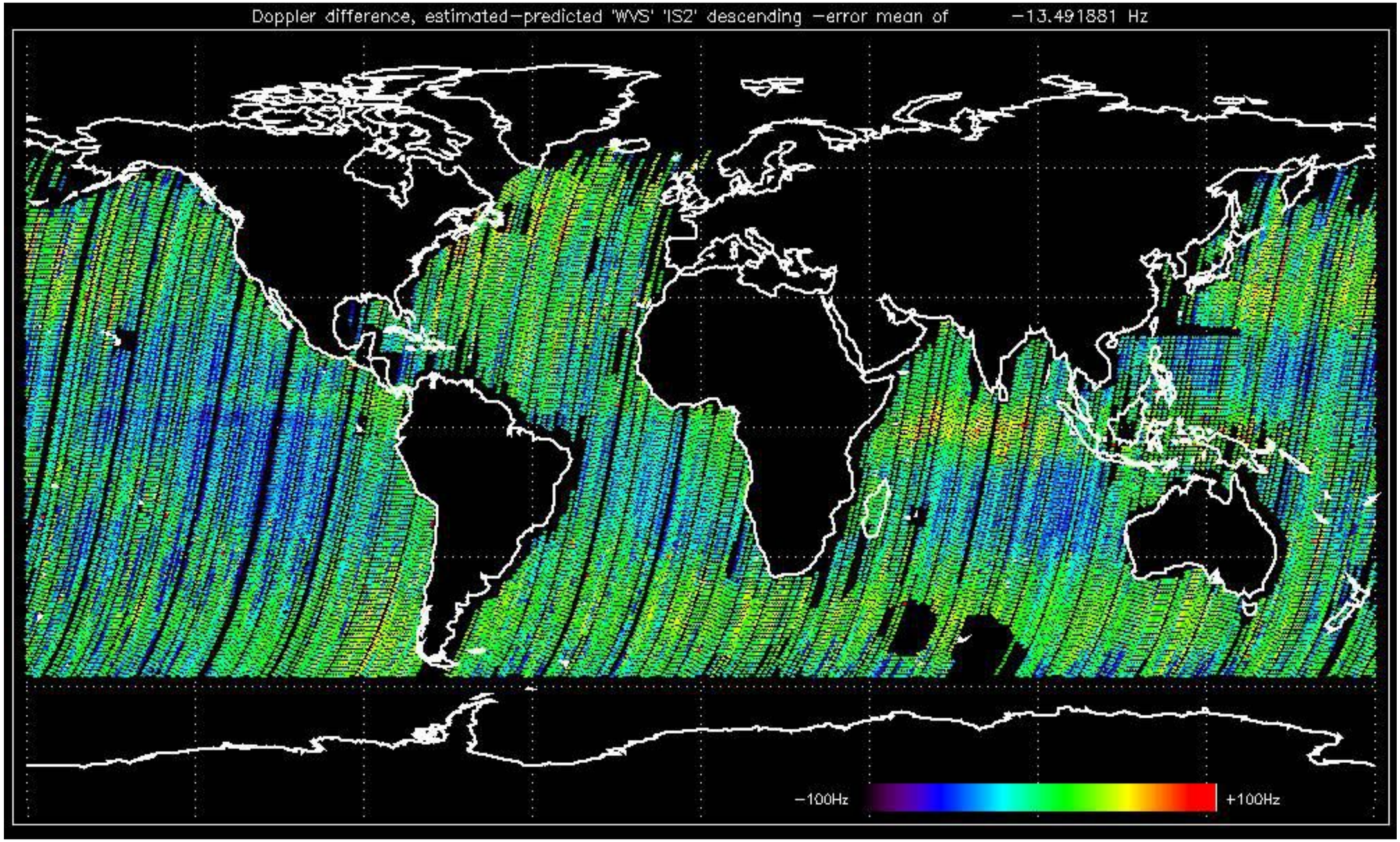
06
08
20−Dec
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −15.558064 Hz
−100Hz
+100Hz

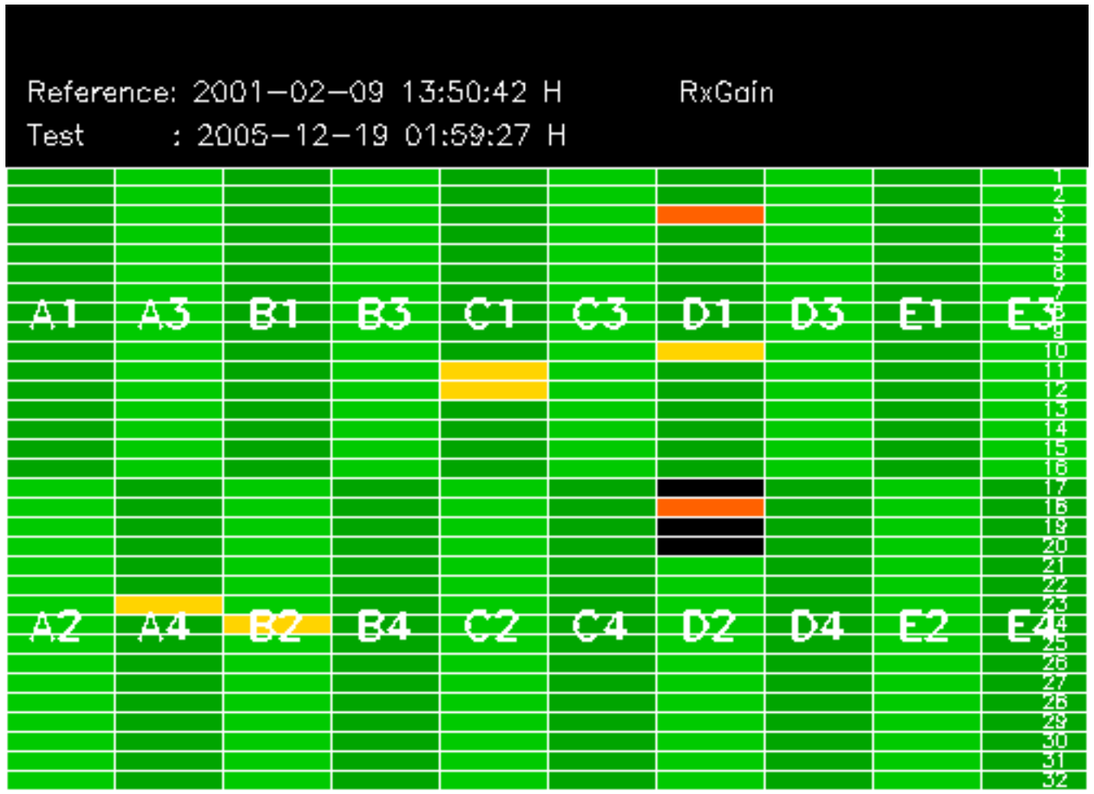

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −16.643263 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −9.7437037 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −13.491881 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
Test : 2005-12-19 01:59:27 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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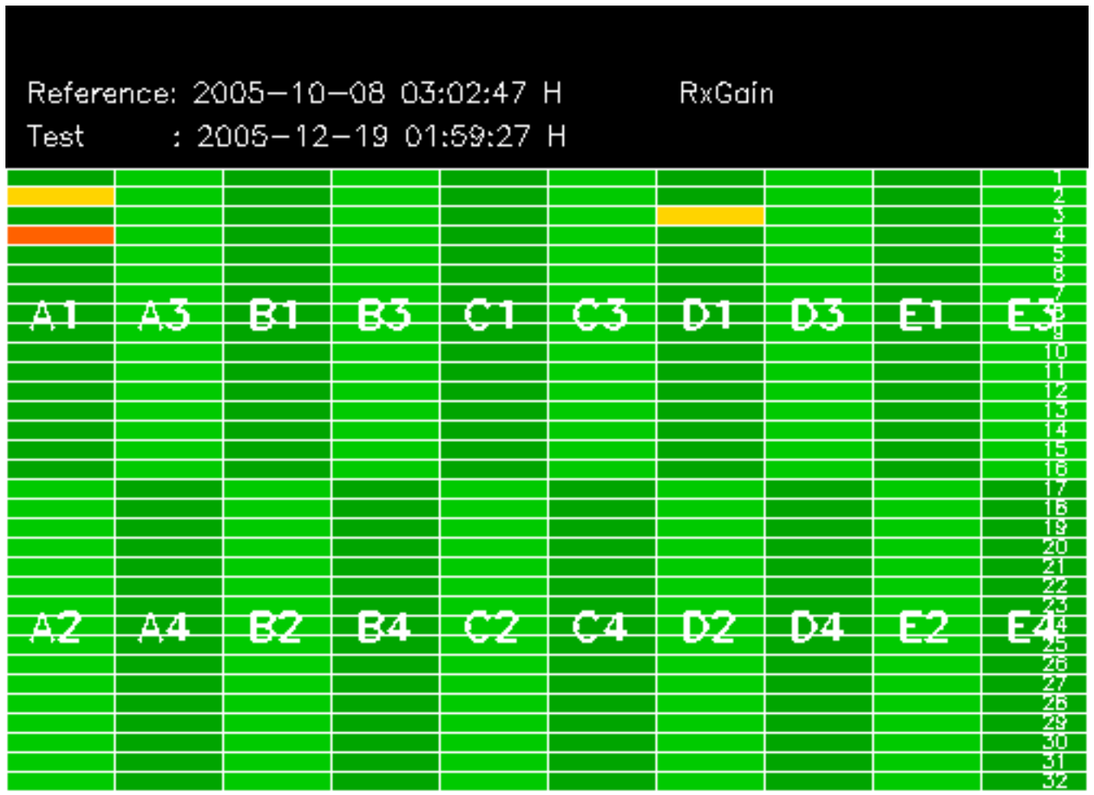
Reference: 2005-10-08 03:02:47 H
RxGain
Test : 2005-12-19 01:59:27 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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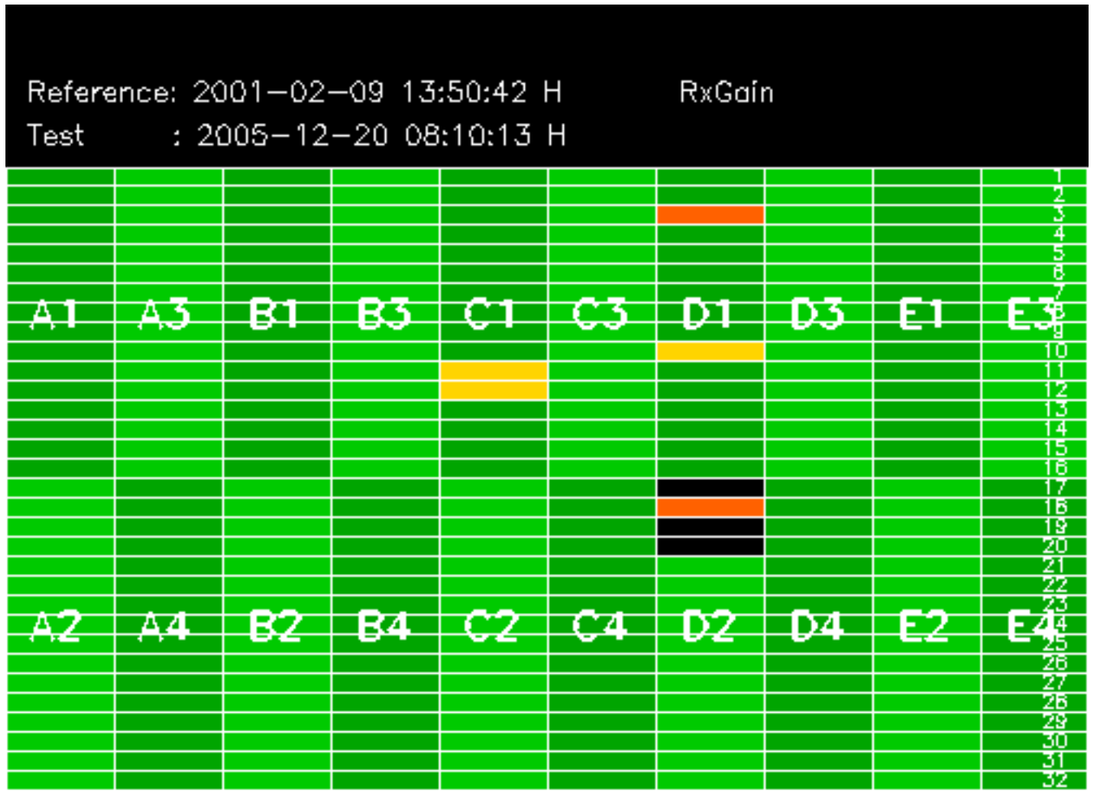
Reference: 2001-02-09 13:50:42 H
Test : 2005-12-20 08:10:13 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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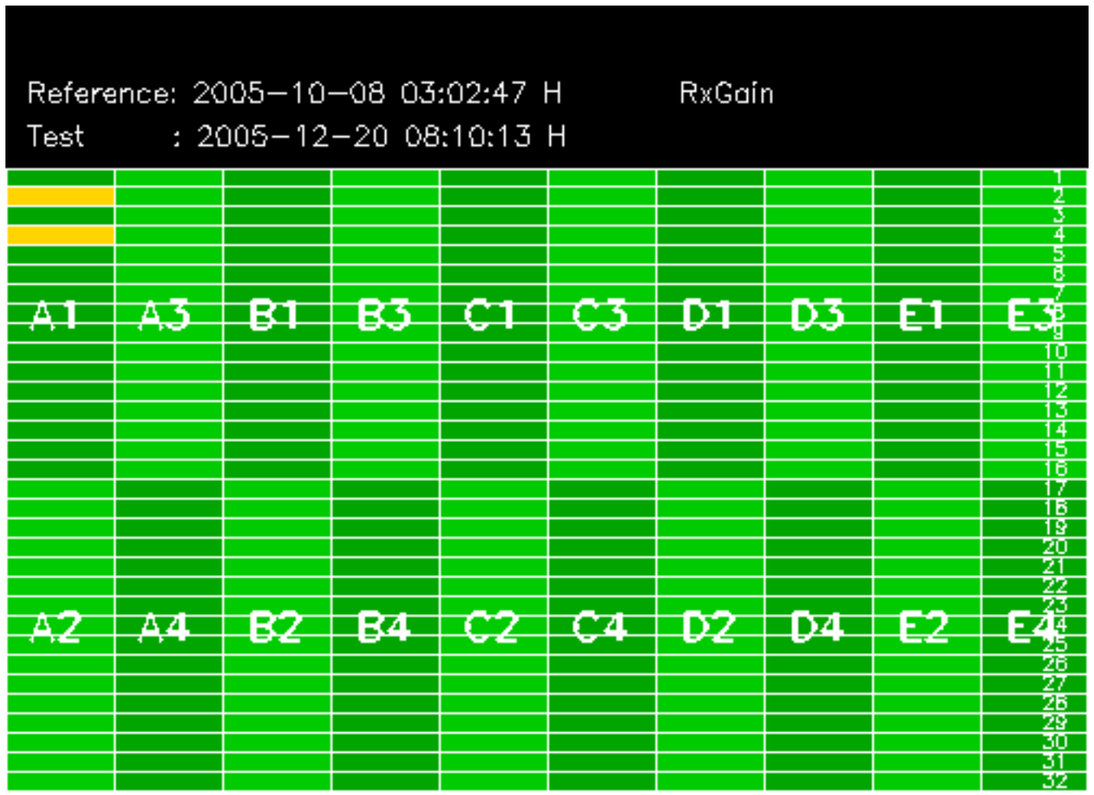
Reference: 2005-10-08 03:02:47 H
Test : 2005-12-20 08:10:13 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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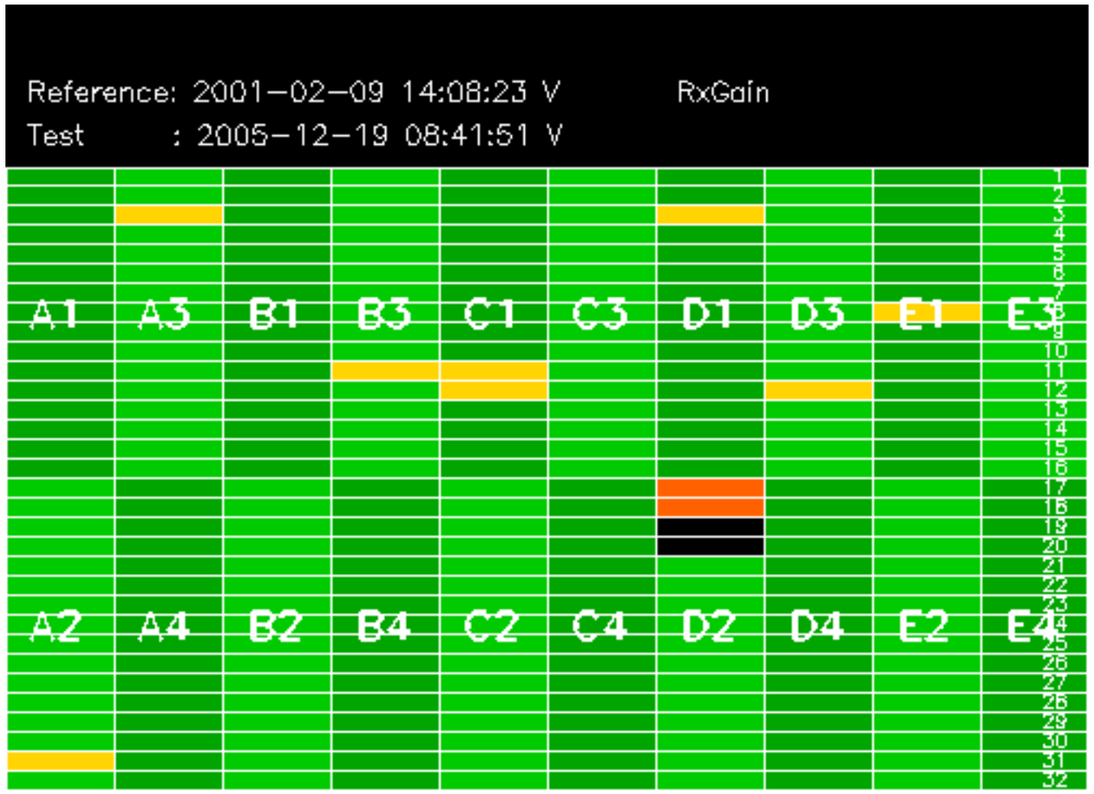
Reference: 2001-02-09 14:08:23 V
Test : 2005-12-19 08:41:51 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
E2
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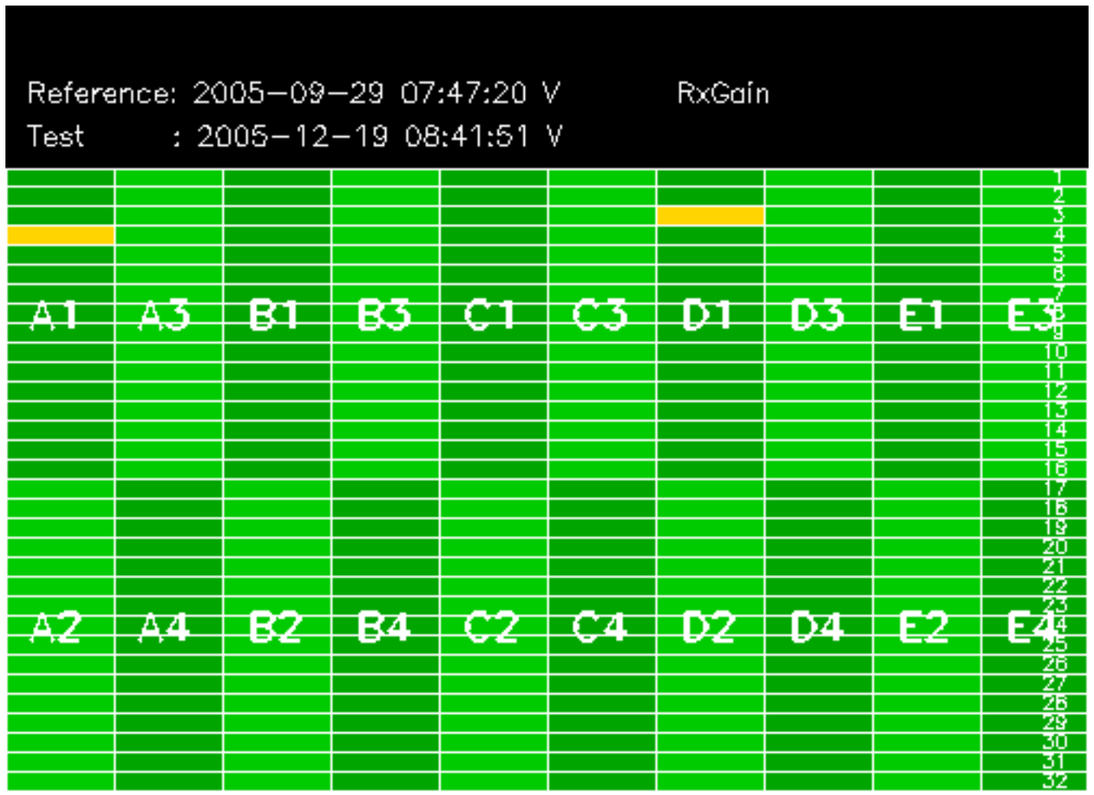
Reference: 2005-09-29 07:47:20 V
Test : 2005-12-19 08:41:51 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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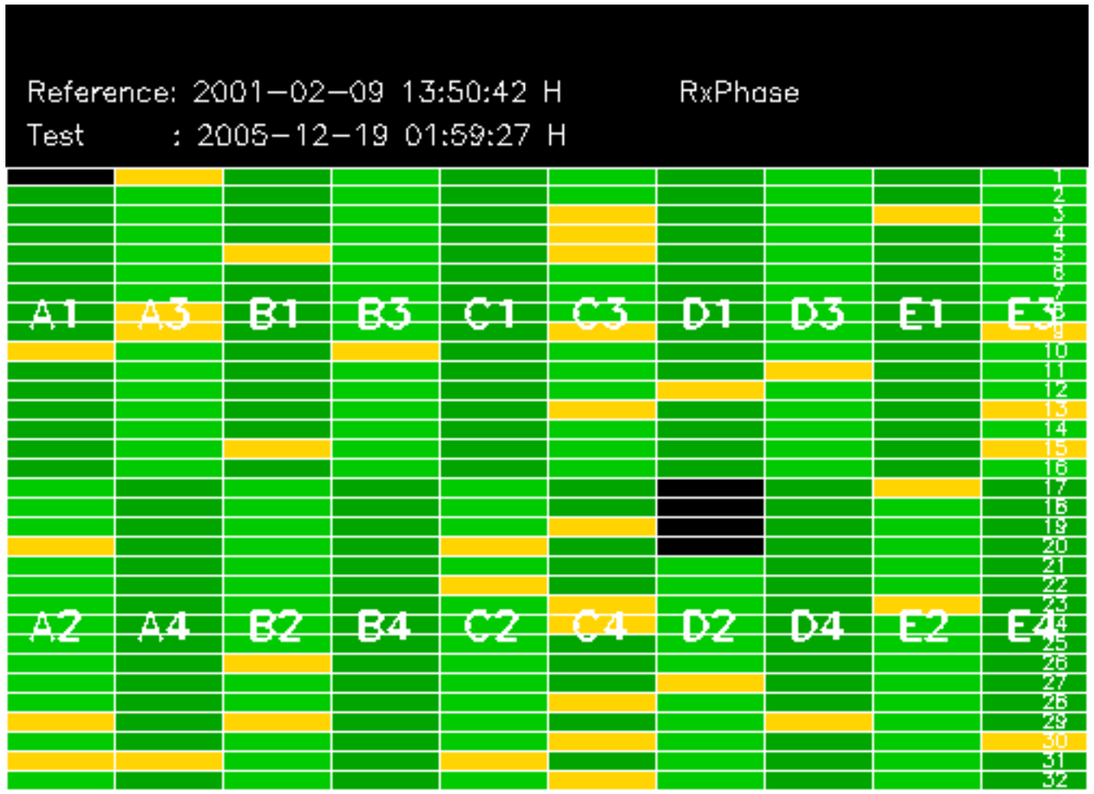
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2005-12-19 01:59:27 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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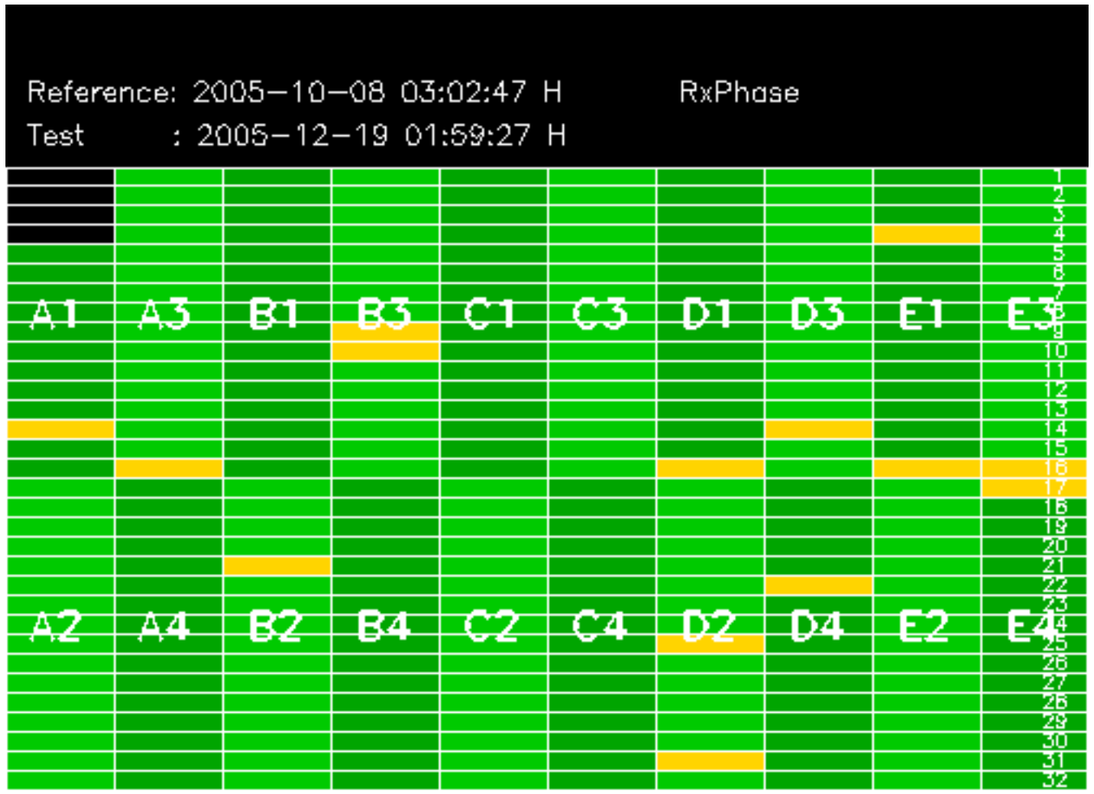
Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2005-12-19 01:59:27 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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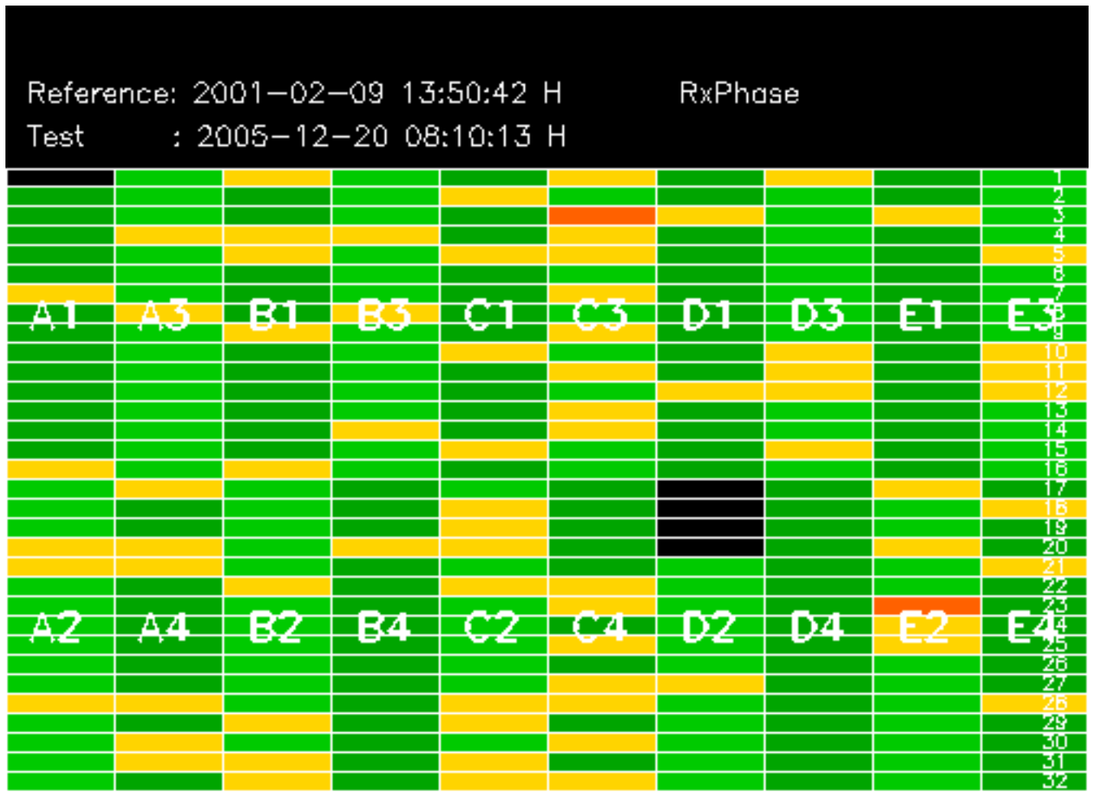
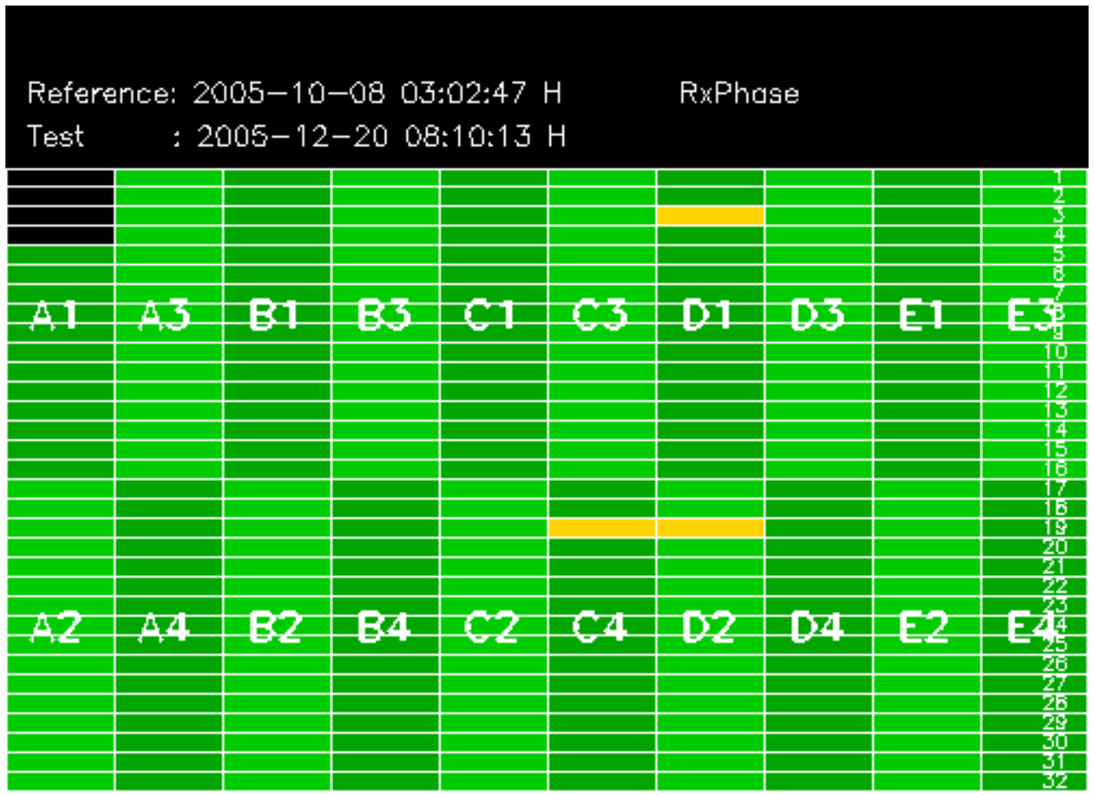

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2005-12-20 08:10:13 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2005-12-20 08:10:13 H
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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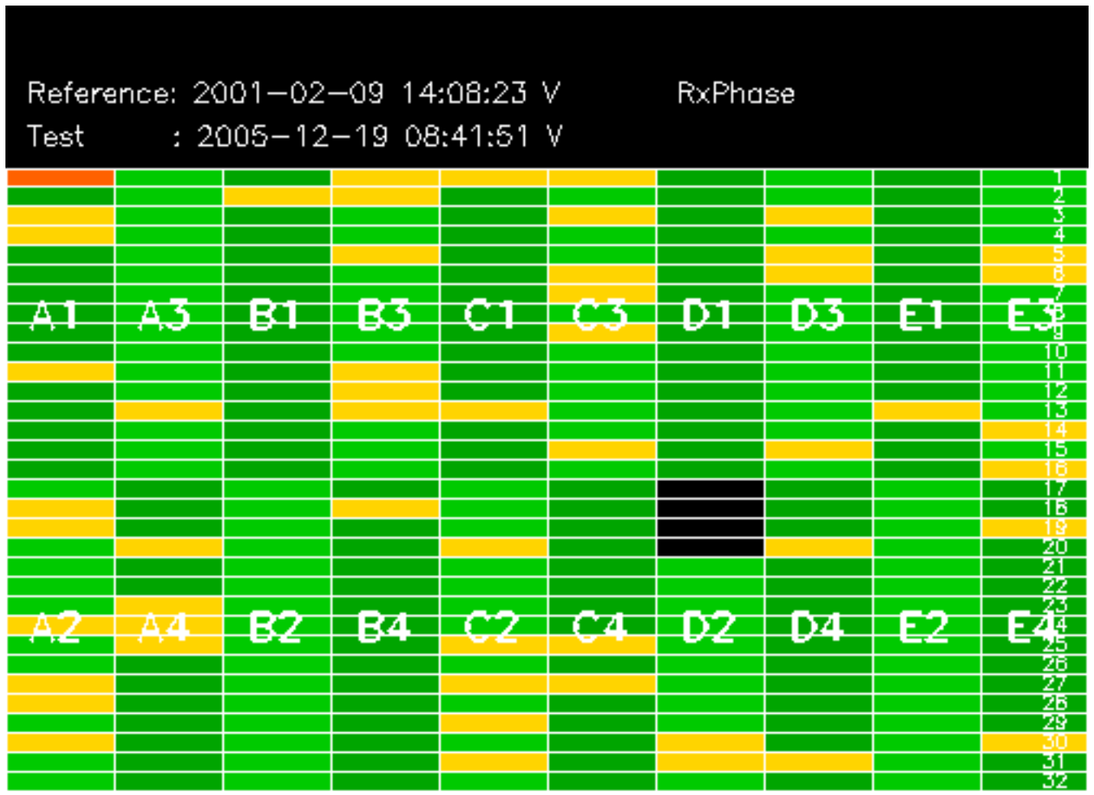
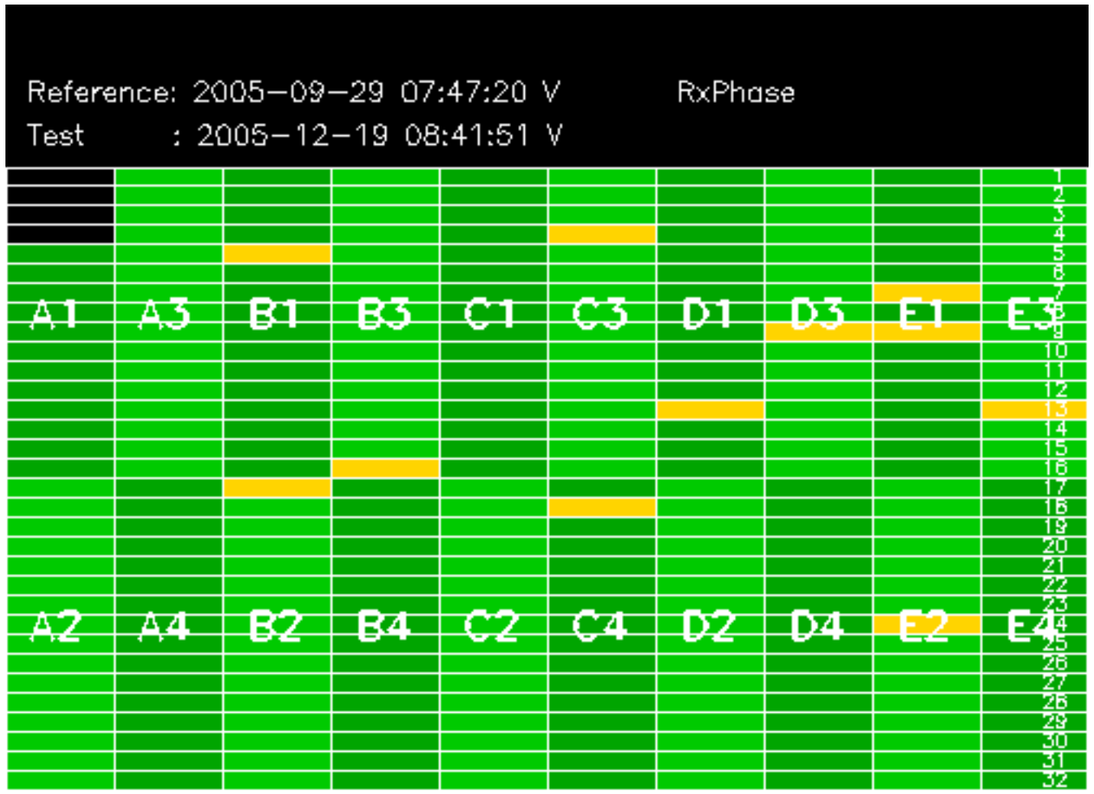

Reference: 2001-02-09 14:08:23 V
Test : 2005-12-19 08:41:51 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2005-12-19 08:41:51 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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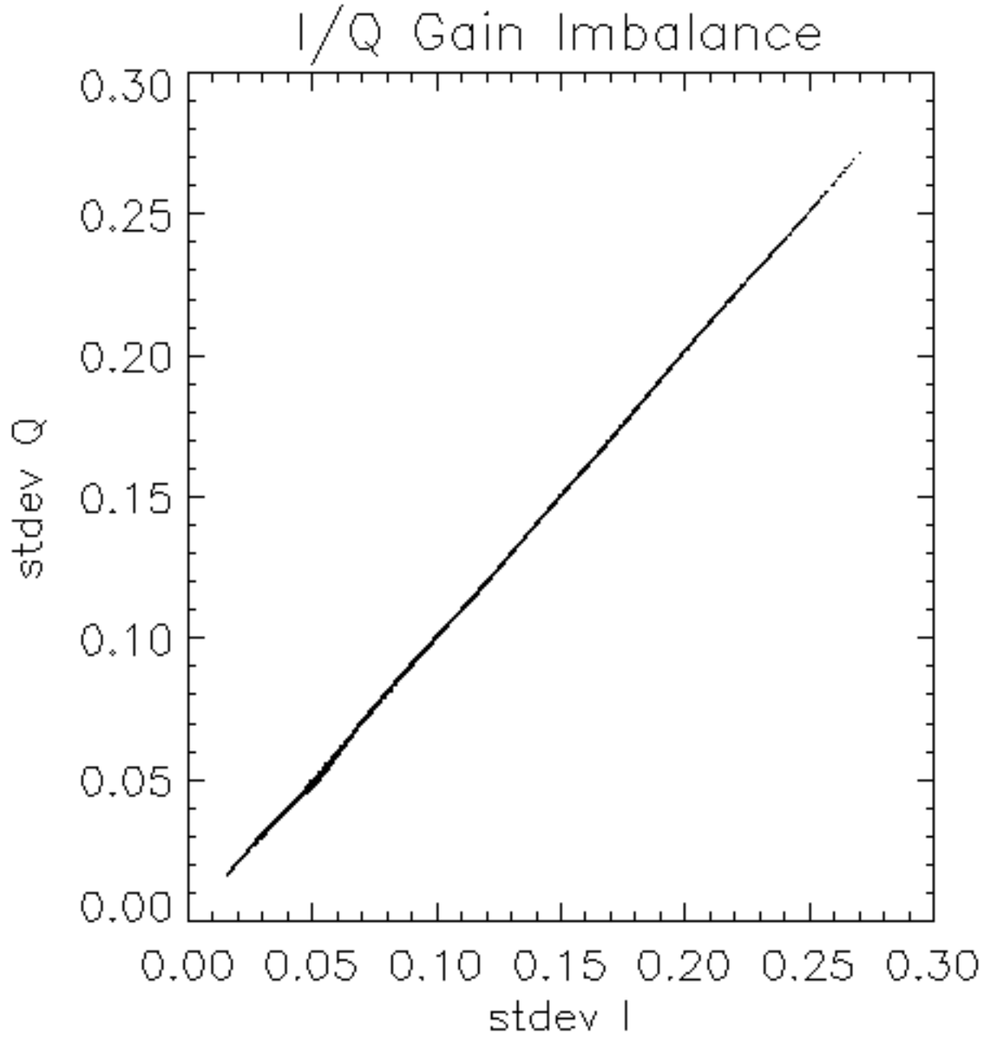
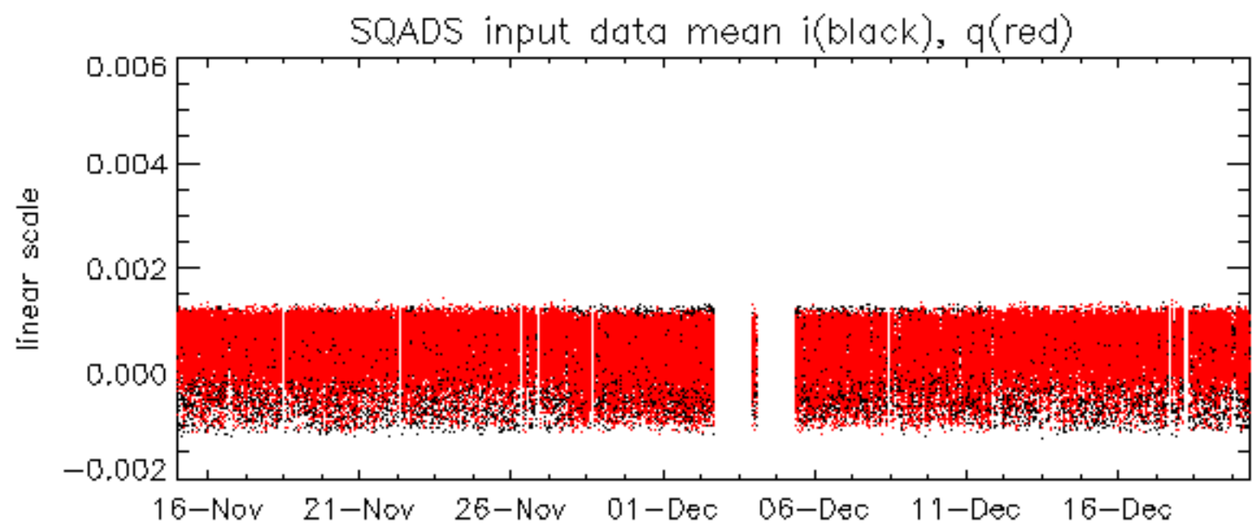
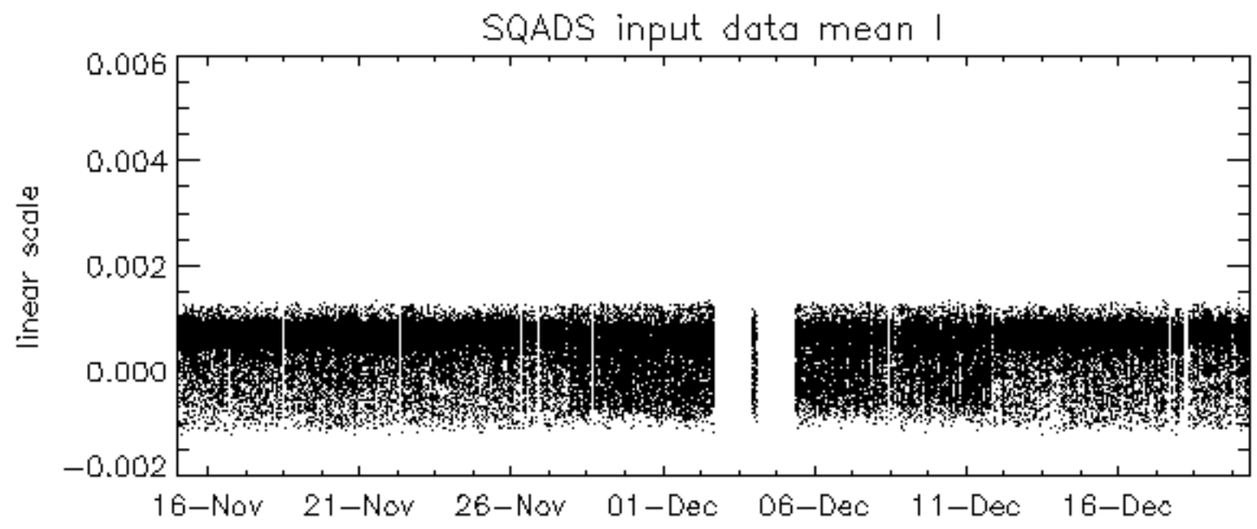
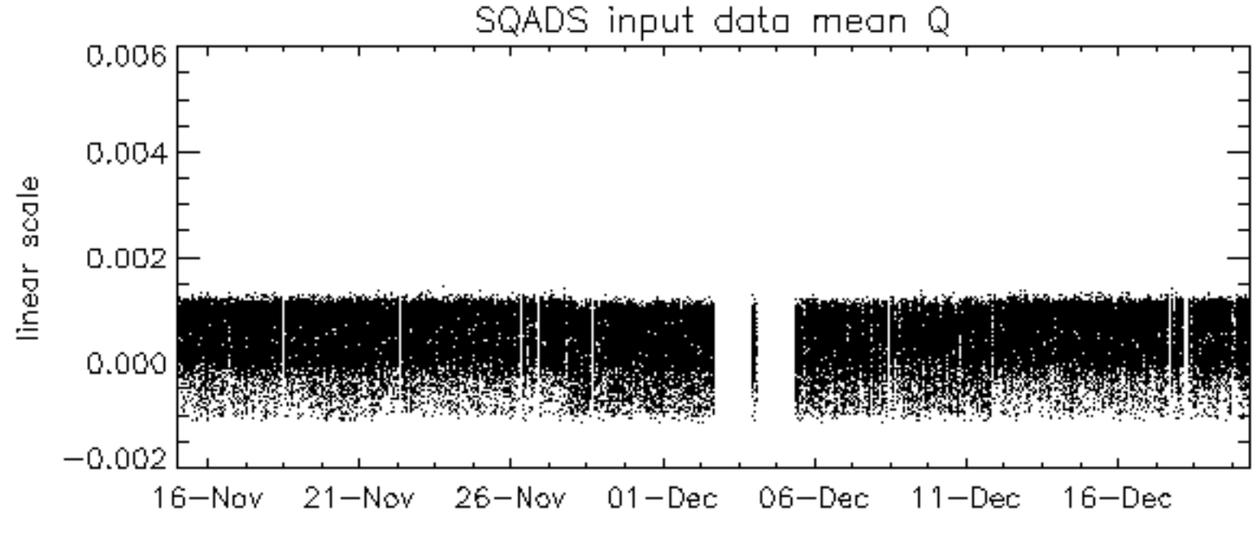
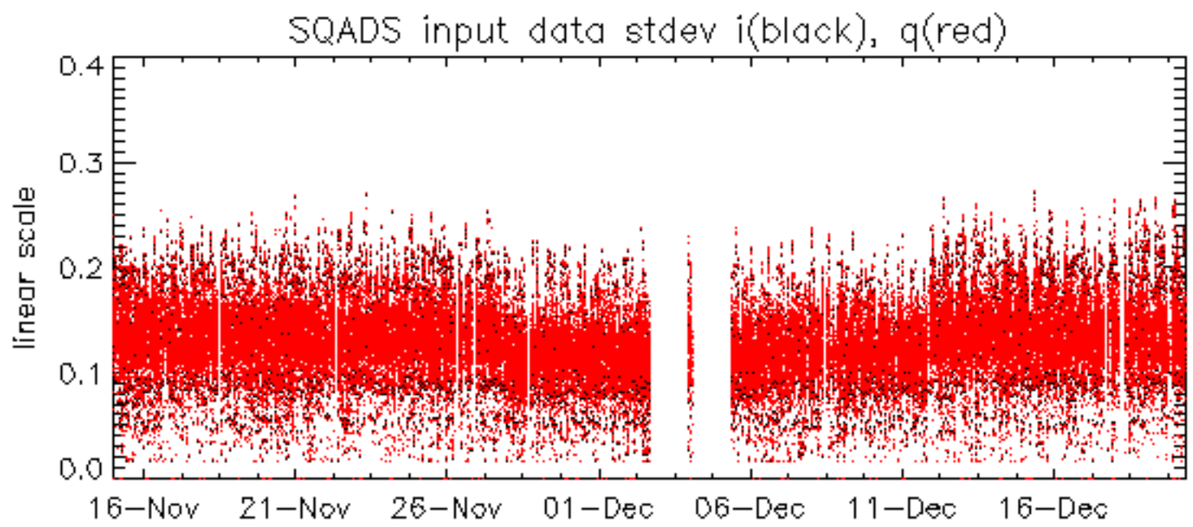
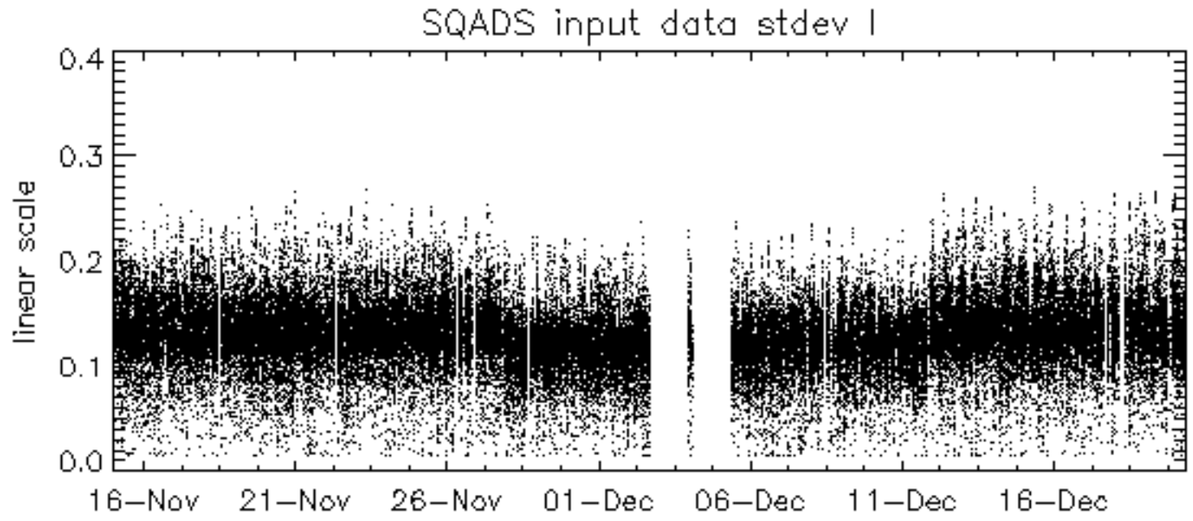

I/Q Gain Imbalance
0.30
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00 0.05 0.10 0.15 0.20 0.25 0.30
stdev I

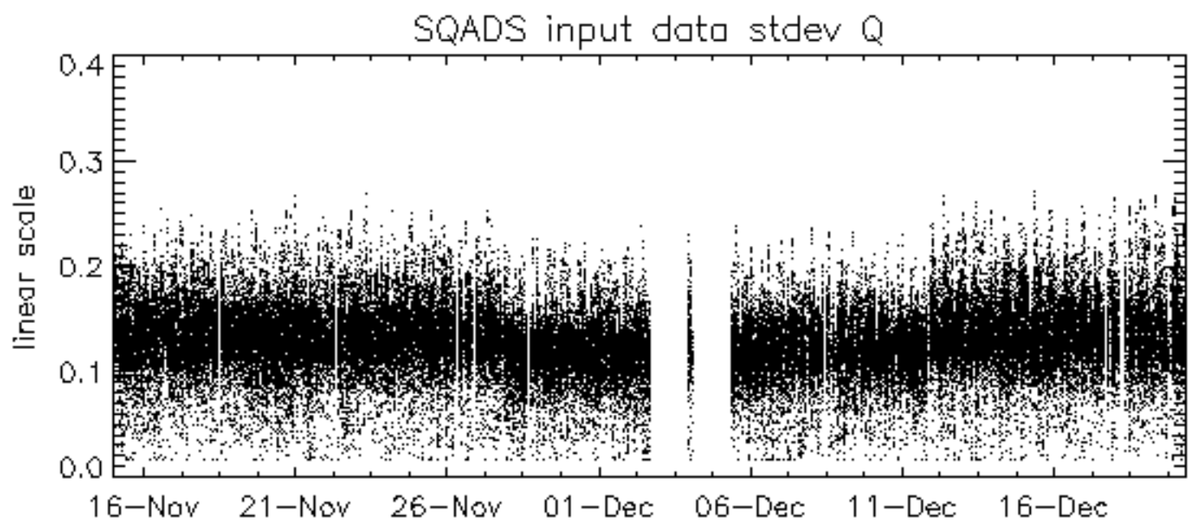

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Nov
21−Nov
26−Nov
01−Dec
06−Dec
11−Dec
16−Dec

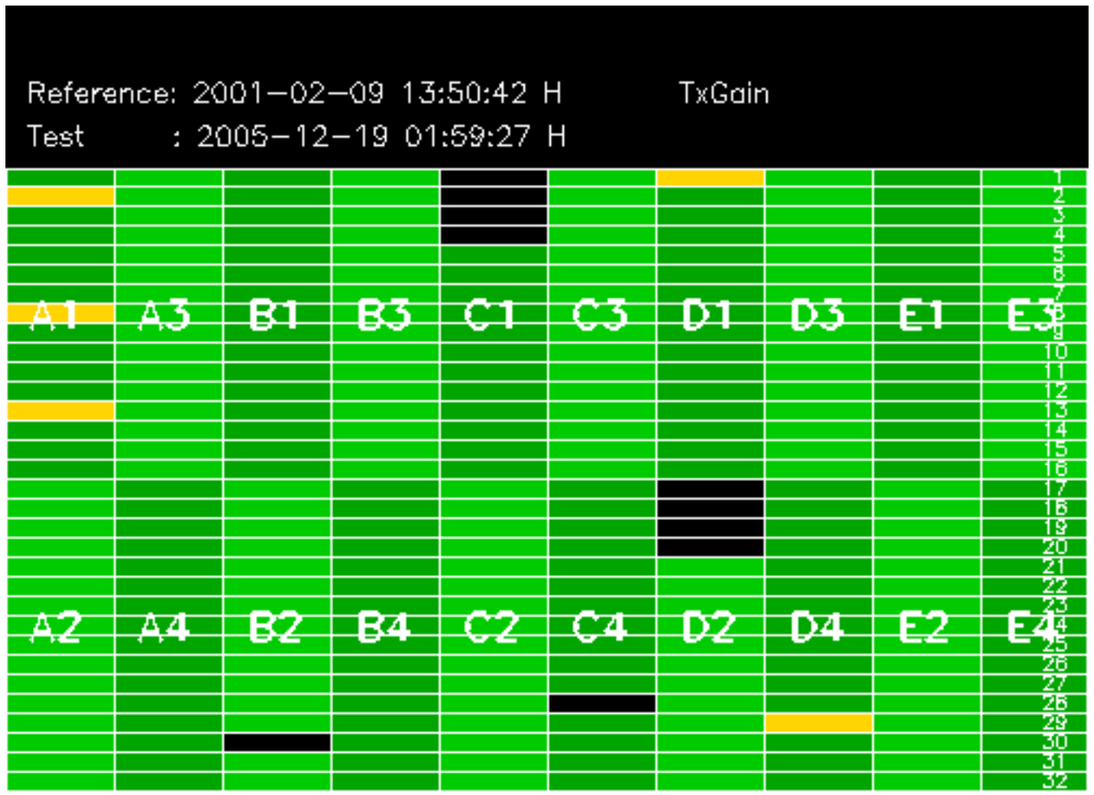

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Nov
21−Nov
26−Nov
01−Dec
06−Dec
11−Dec
16−Dec


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


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


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


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


Reference: 2001-02-09 13:50:42 H
Test : 2005-12-19 01:59:27 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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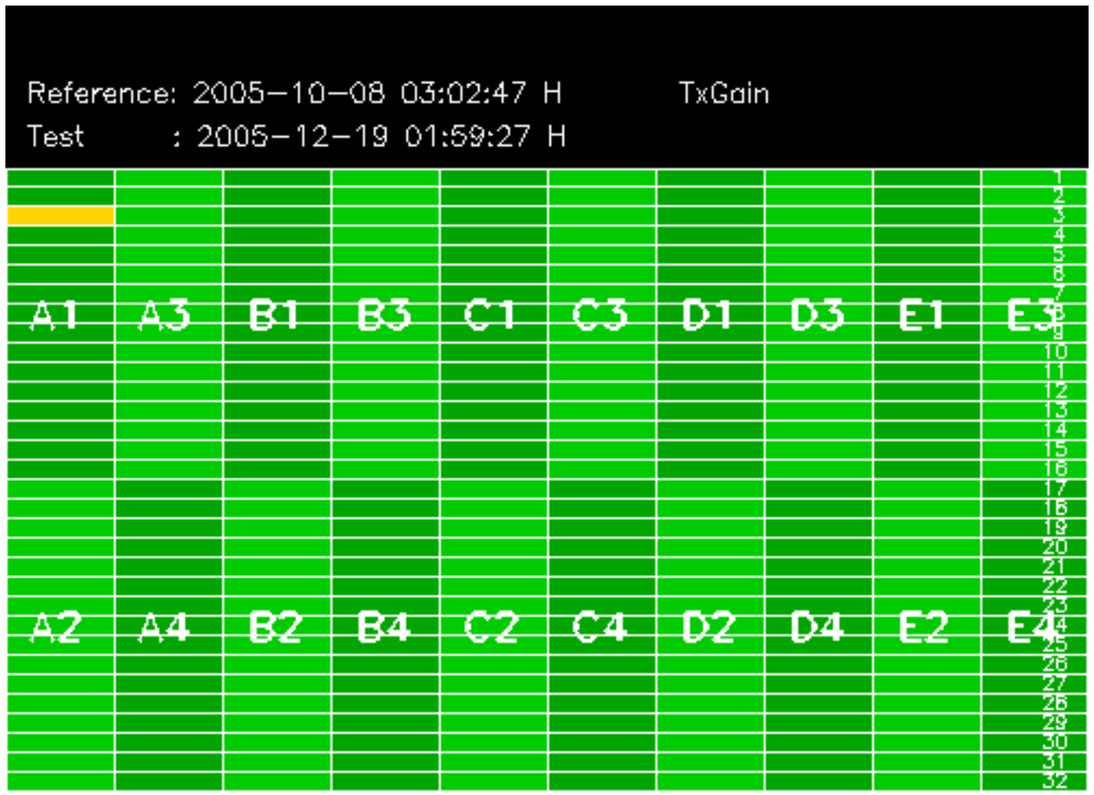
Reference: 2005-10-08 03:02:47 H
Test : 2005-12-19 01:59:27 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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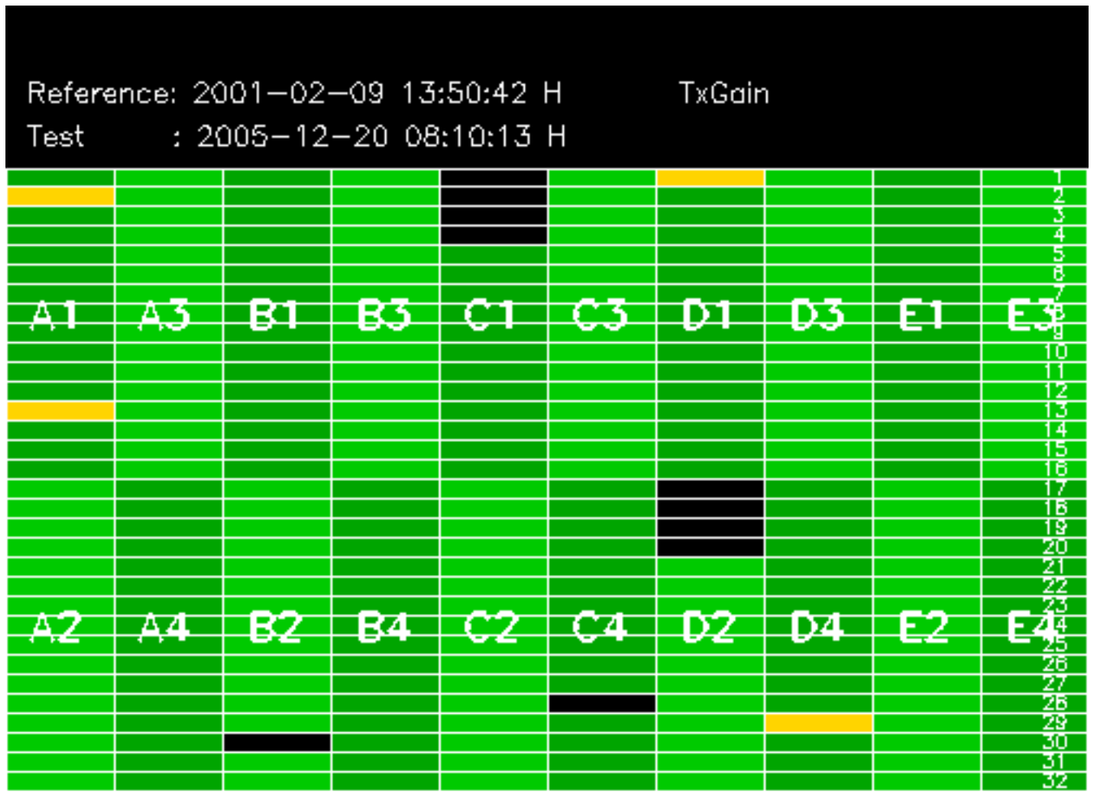
Reference: 2001-02-09 13:50:42 H
Test : 2005-12-20 08:10:13 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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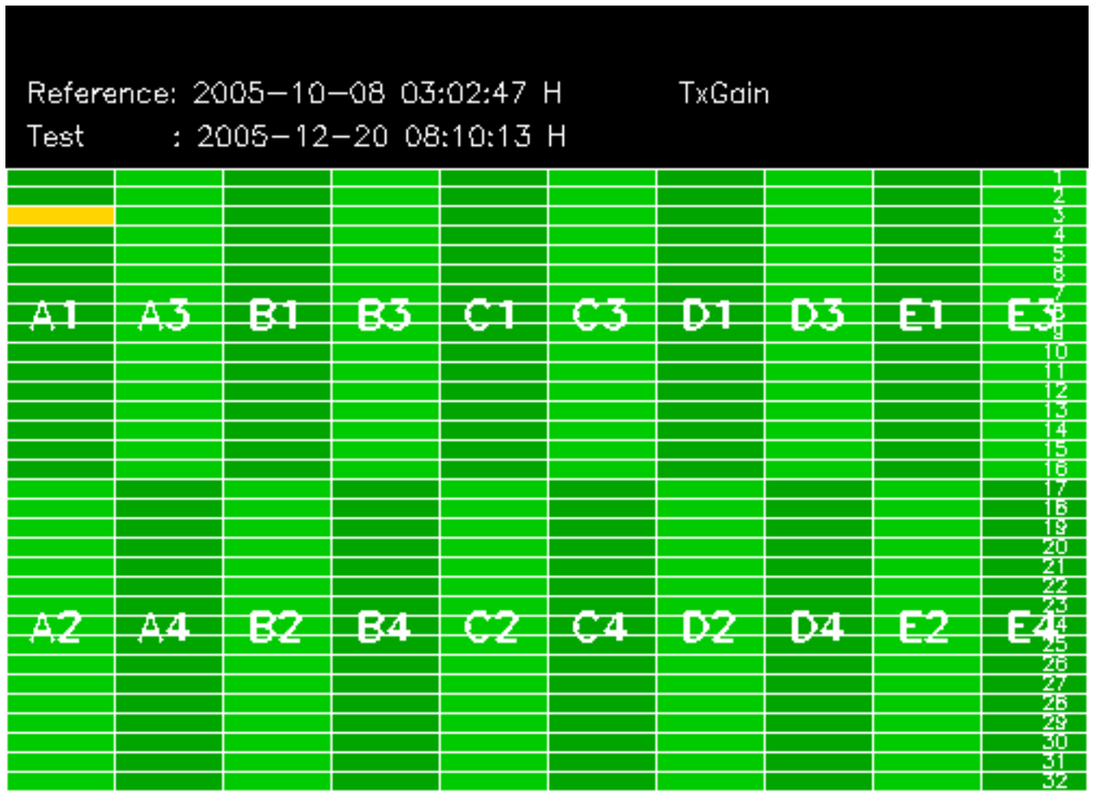
Reference: 2005-10-08 03:02:47 H
Test : 2005-12-20 08:10:13 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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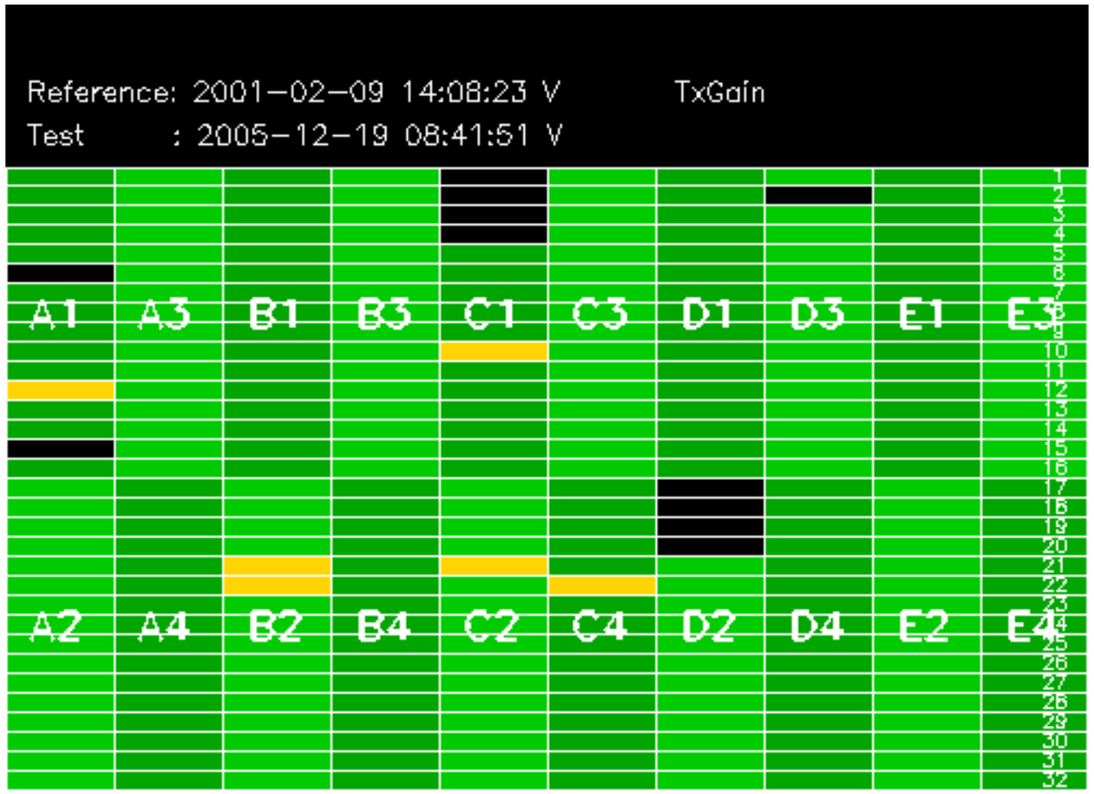
Reference: 2001-02-09 14:08:23 V
Test : 2005-12-19 08:41:51 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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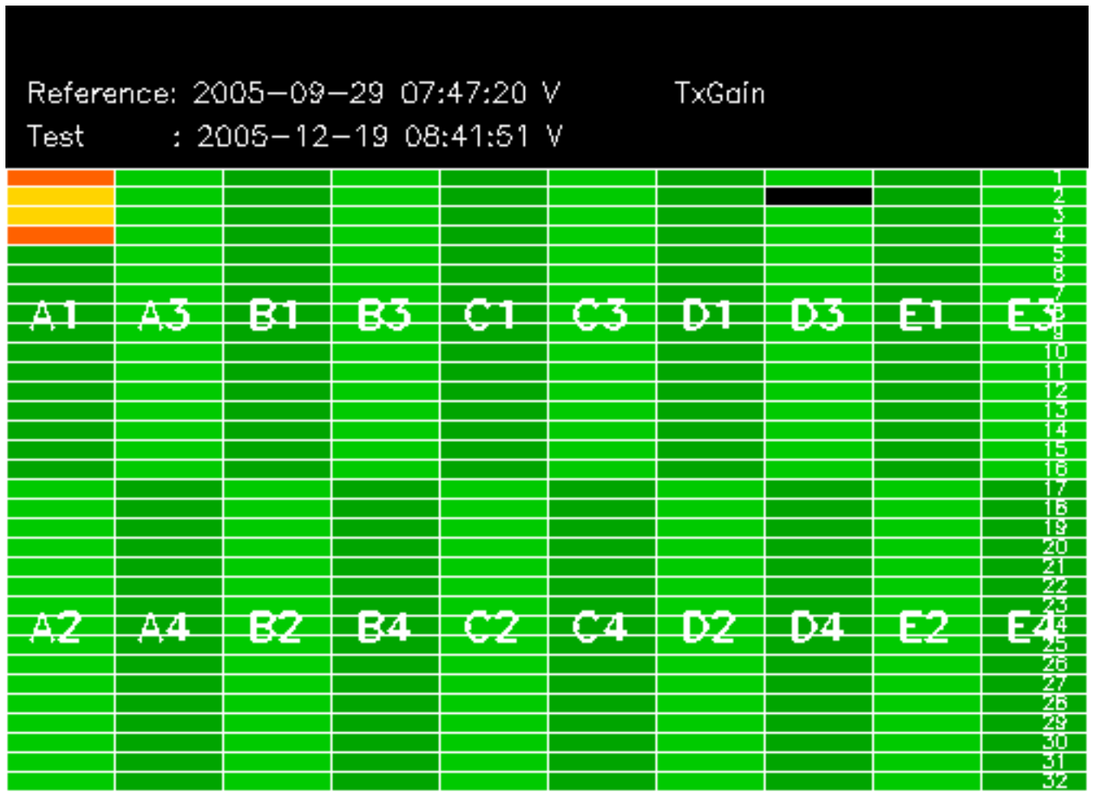
Reference: 2005-09-29 07:47:20 V
Test : 2005-12-19 08:41:51 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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9
10
11
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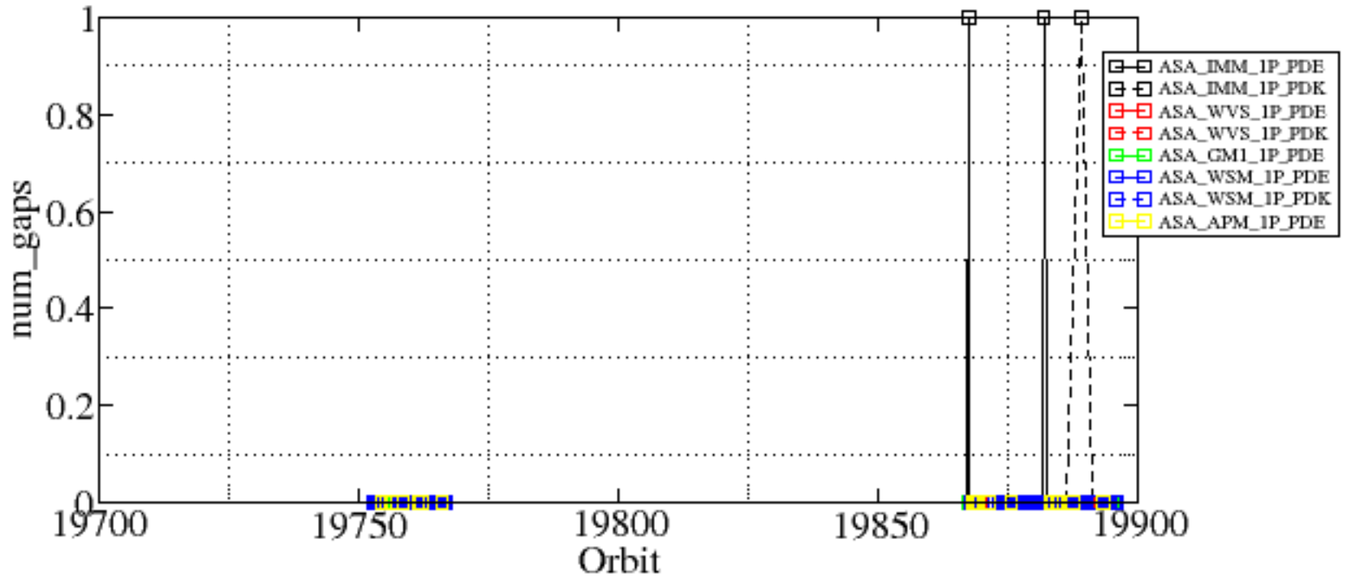
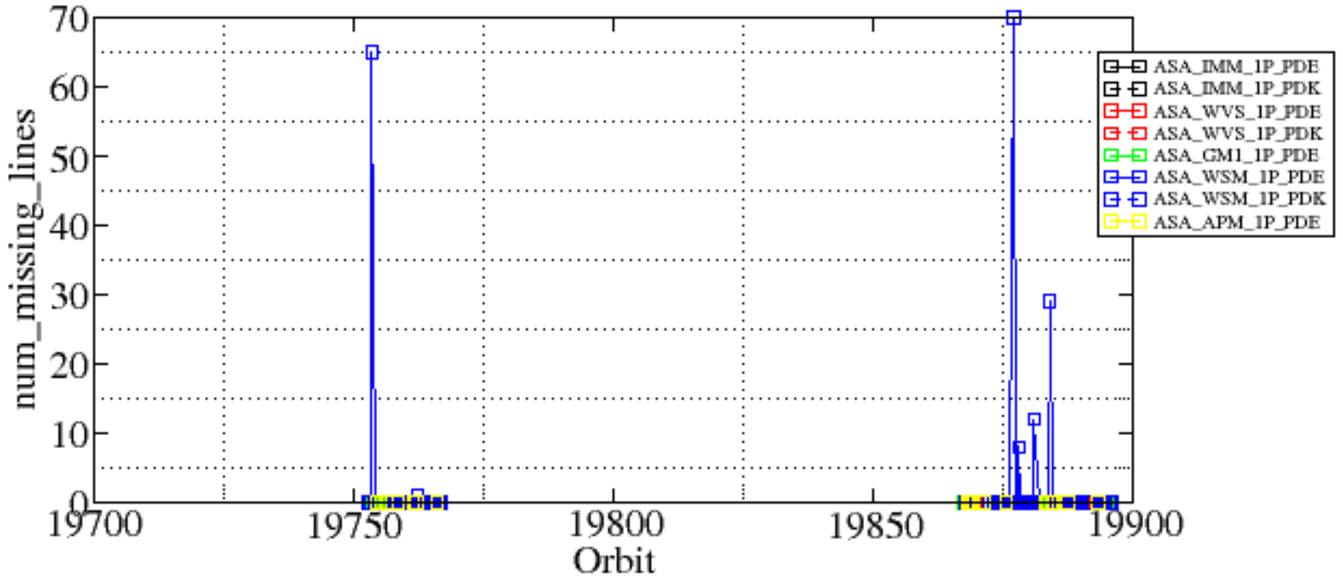
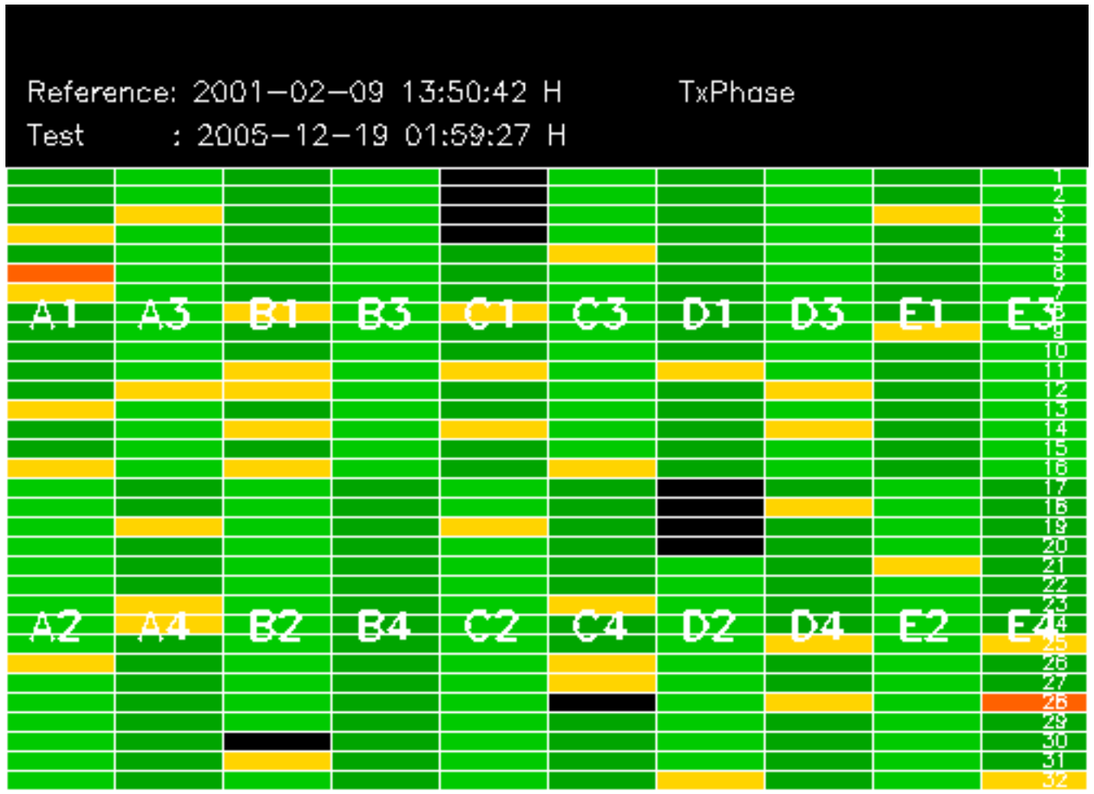
Summary of analysis for the last 3 days 2005121[890]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20051218_003640_000001812043_00274_19867_4206.N1	1	0
ASA_IMM_1PNPDE20051219_004807_000002122043_00288_19881_4281.N1	1	0
ASA_IMM_1PNPDK20051219_124842_000001212043_00296_19889_9459.N1	1	0
ASA_WSM_1PNPDE20051210_012121_000004282043_00160_19753_3544.N1	0	65
ASA_WSM_1PNPDE20051210_161814_000001462043_00169_19762_3611.N1	0	1
ASA_WSM_1PNPDE20051218_163148_000001292043_00284_19877_4793.N1	0	70
ASA_WSM_1PNPDE20051218_181506_000001292043_00285_19878_4809.N1	0	8
ASA_WSM_1PNPDE20051218_231423_000001102043_00288_19881_4861.N1	0	12
ASA_WSM_1PNPDE20051219_041808_000001462043_00291_19884_4882.N1	0	29


num_gaps
Orbit
1
0.8
0.6
0.4
0.2
0
19700
19750
19800
19850
19900
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


num_missing_lines
70
60
50
40
30
20
10
0
19700
19750
19800
19850
19900
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE


Reference: 2001-02-09 13:50:42 H
TxPhase
Test : 2005-12-19 01:59:27 H
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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9
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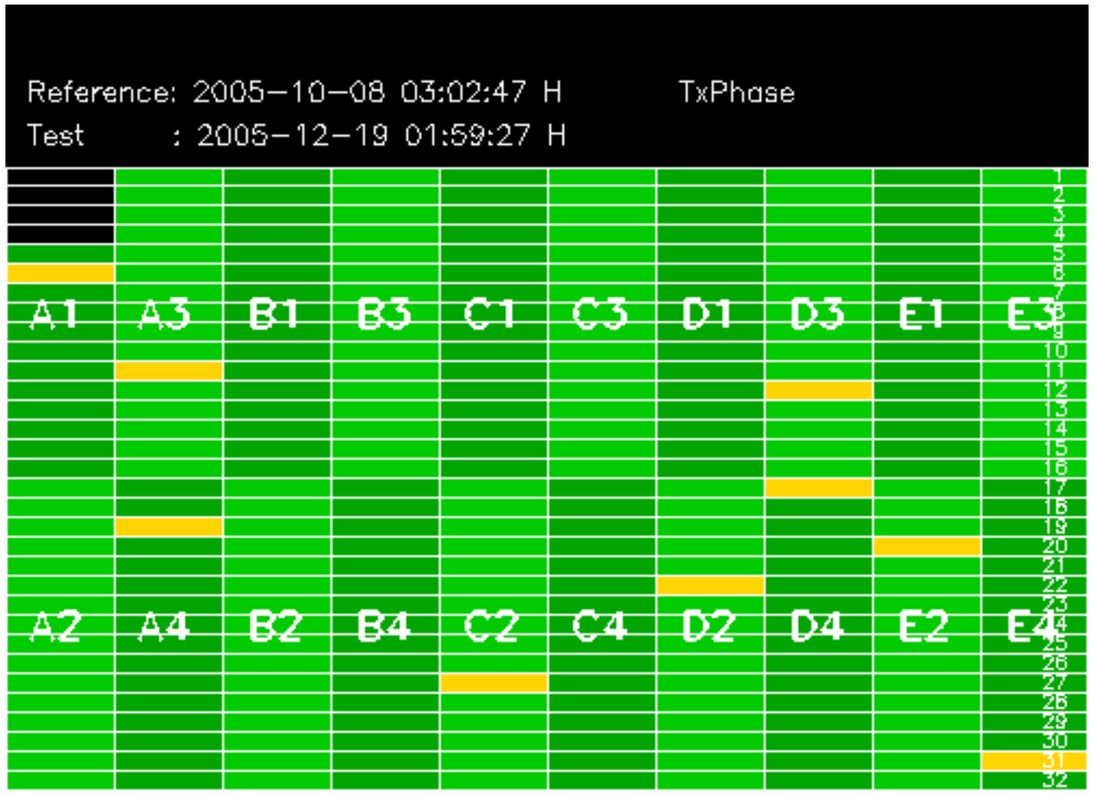
Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2005-12-19 01:59:27 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
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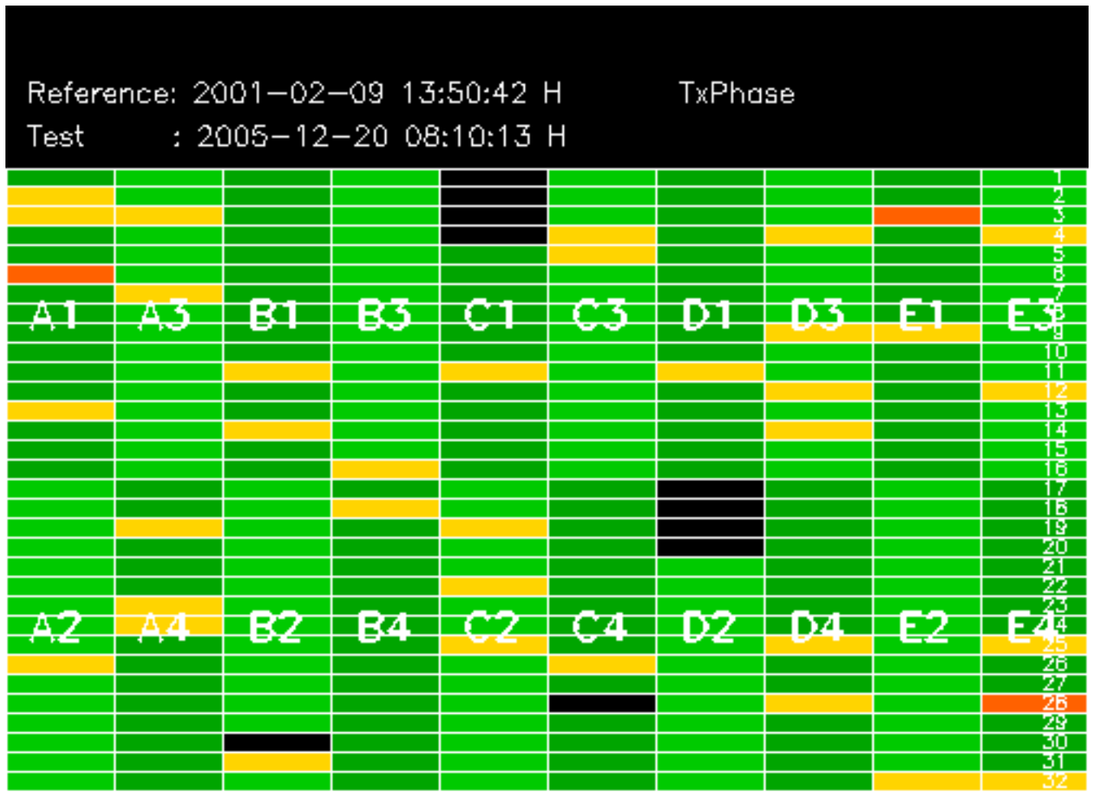
32


Reference: 2001-02-09 13:50:42 H
Test : 2005-12-20 08:10:13 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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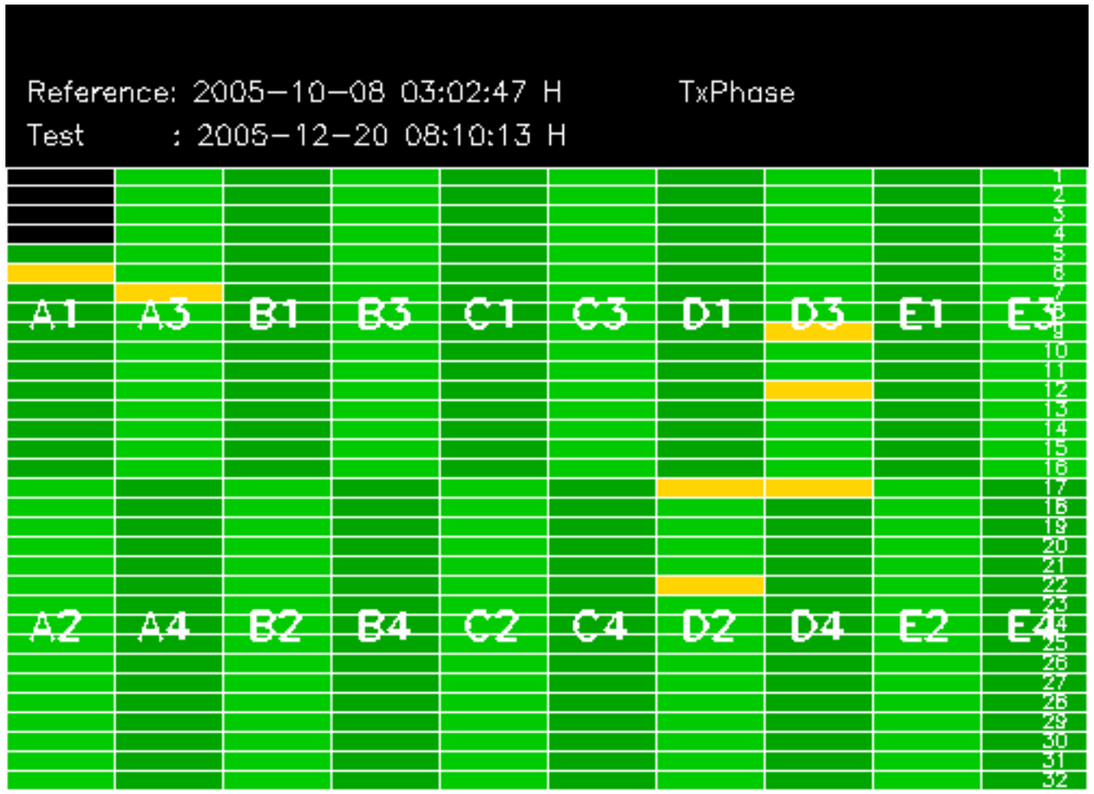
Reference: 2005-10-08 03:02:47 H
Test : 2005-12-20 08:10:13 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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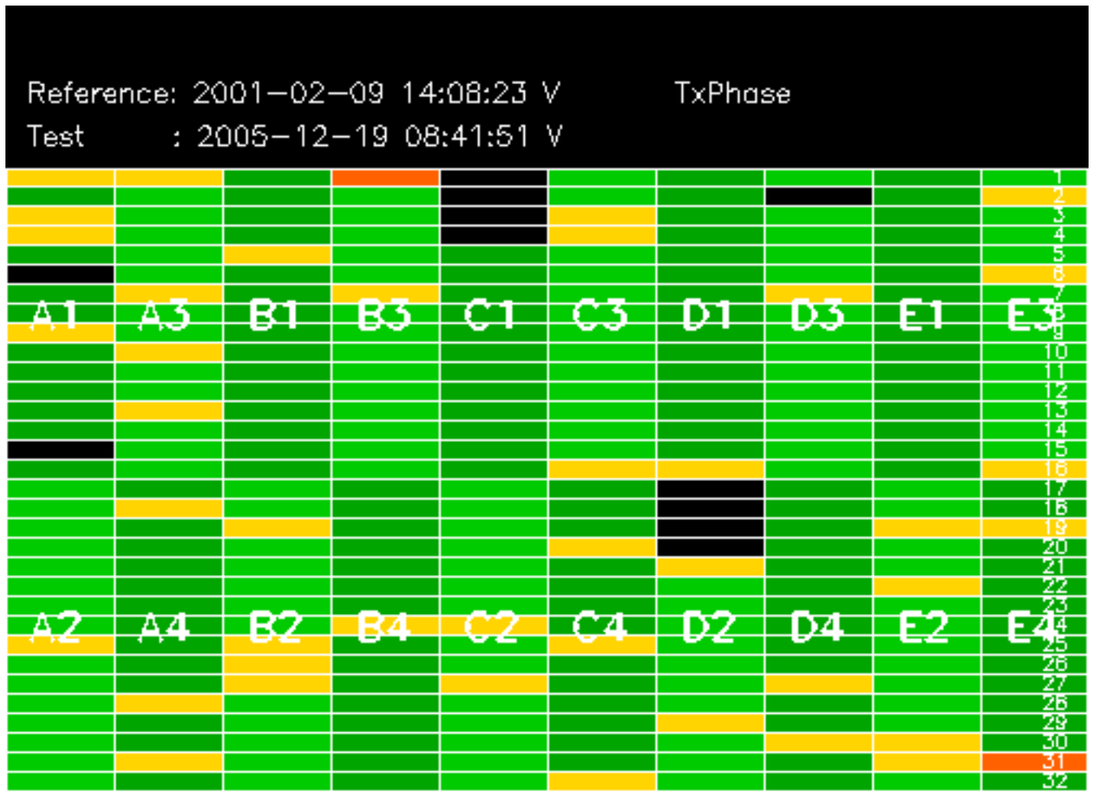
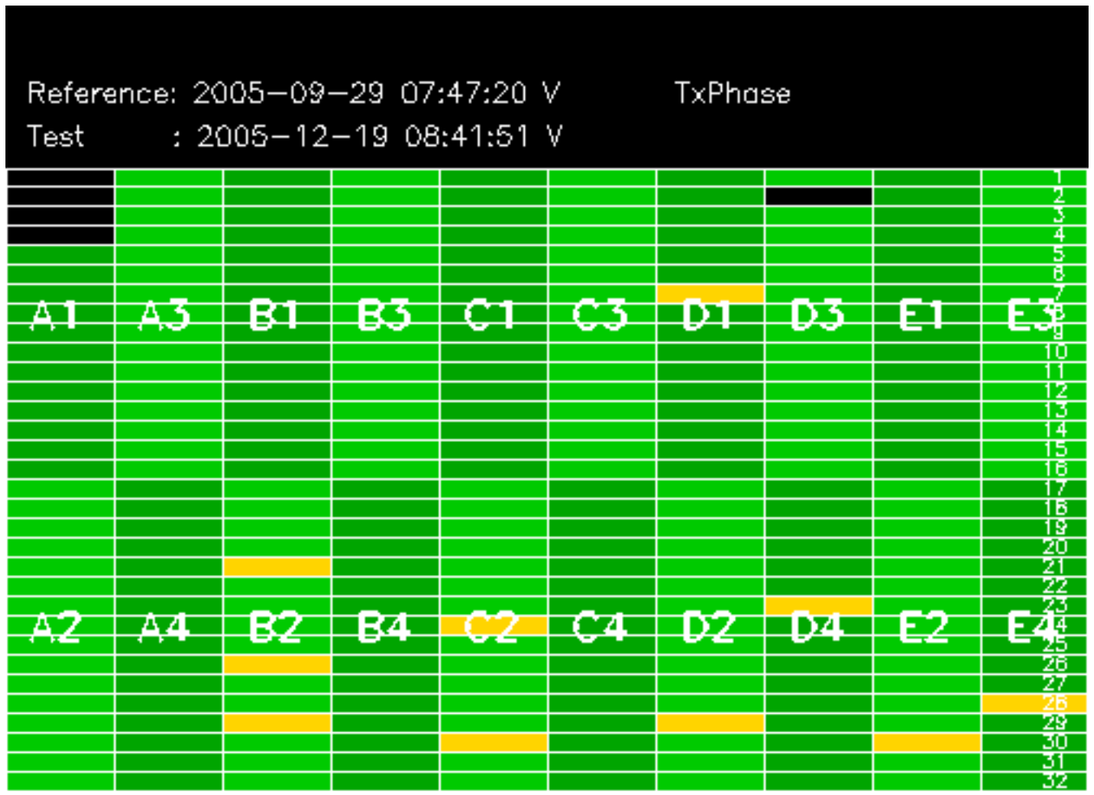

Reference: 2001-02-09 14:08:23 V
Test : 2005-12-19 08:41:51 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2005-12-19 08:41:51 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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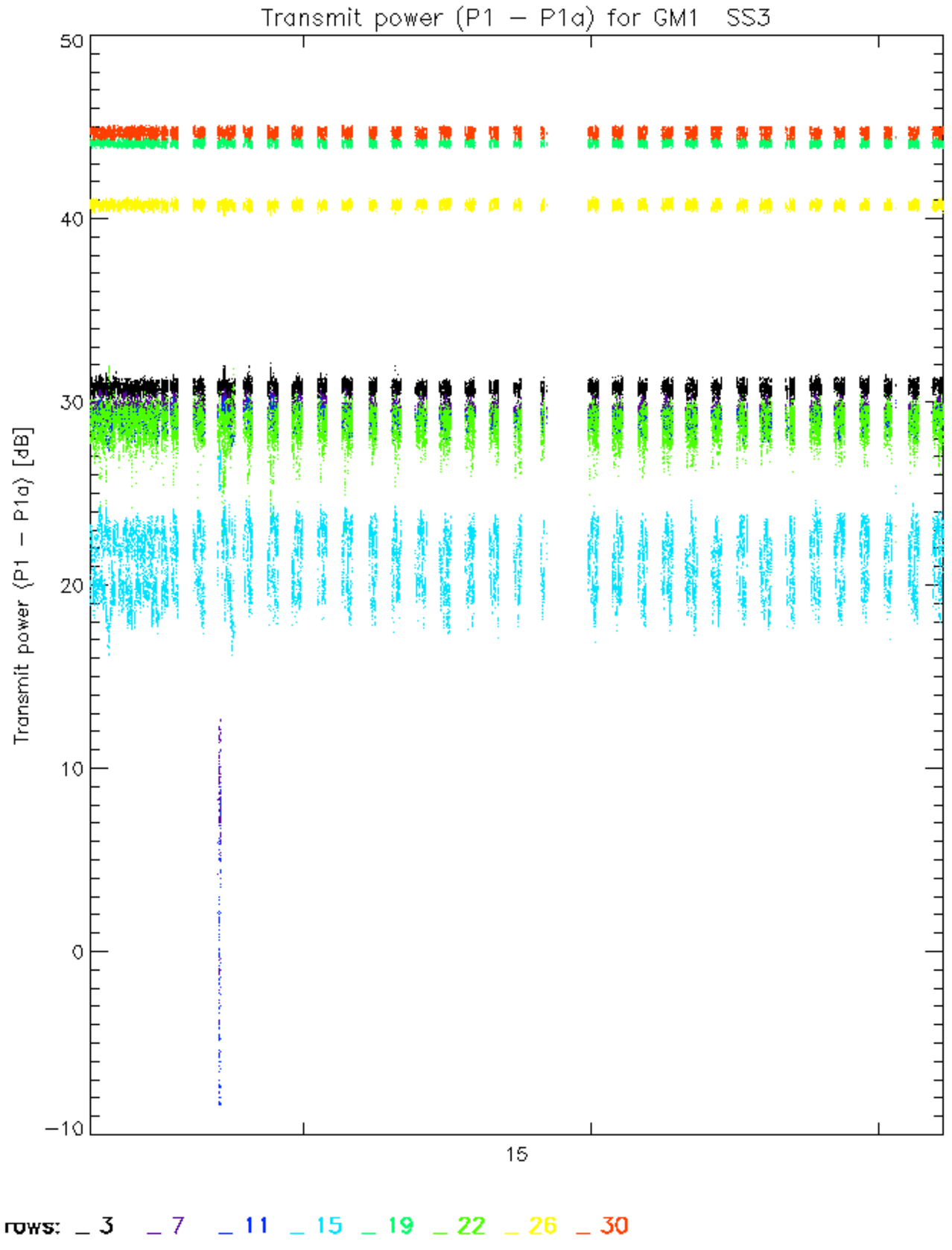
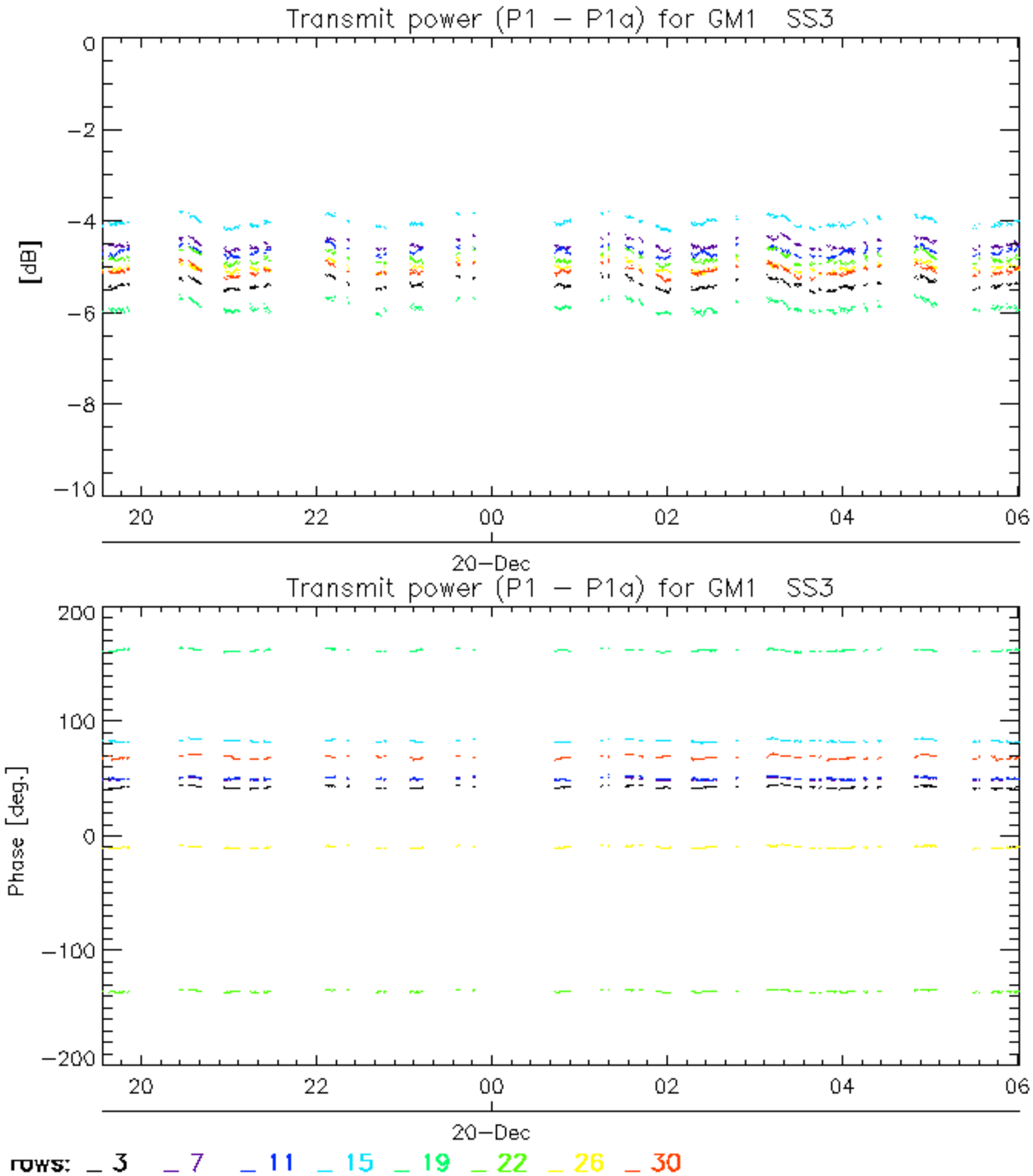
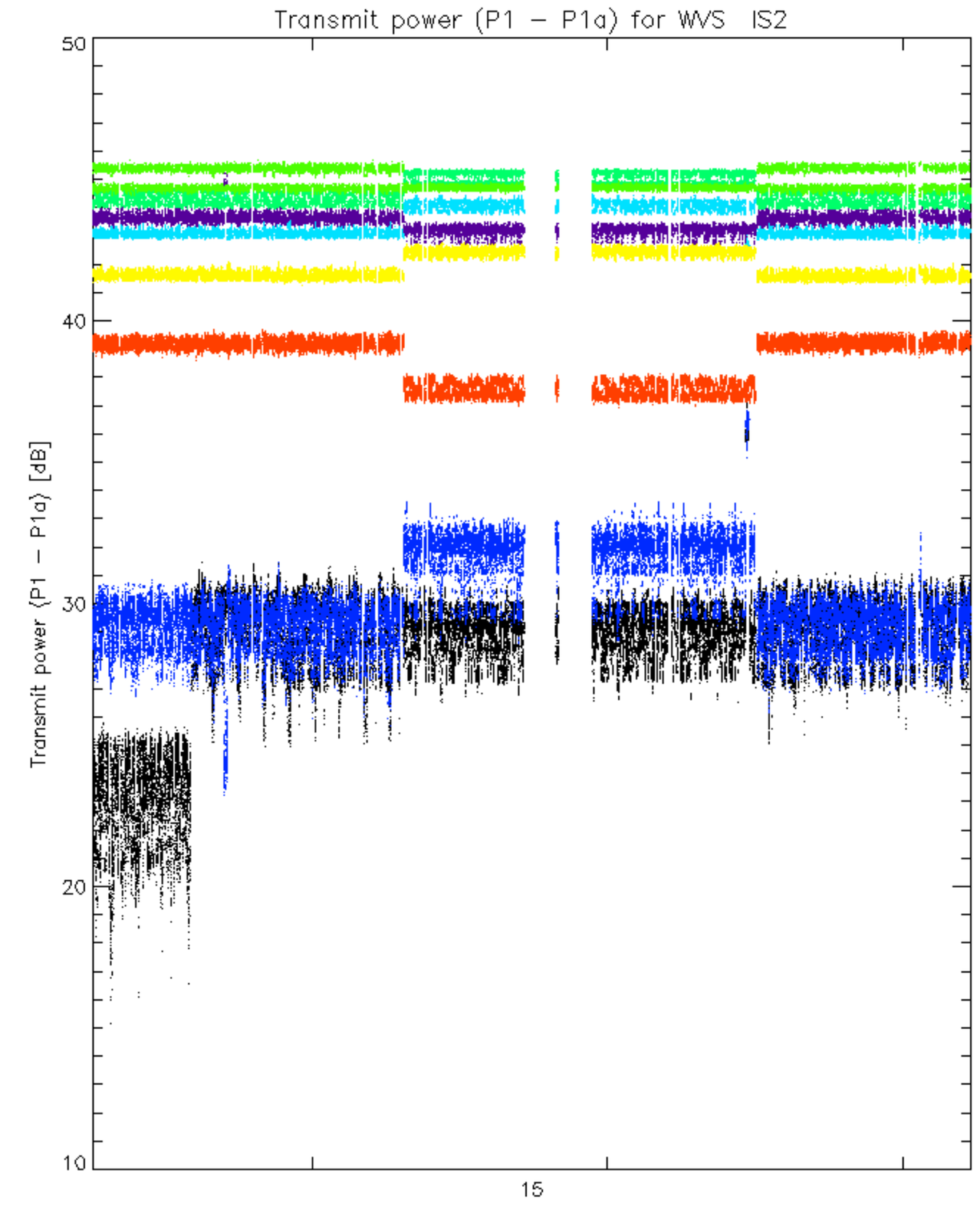
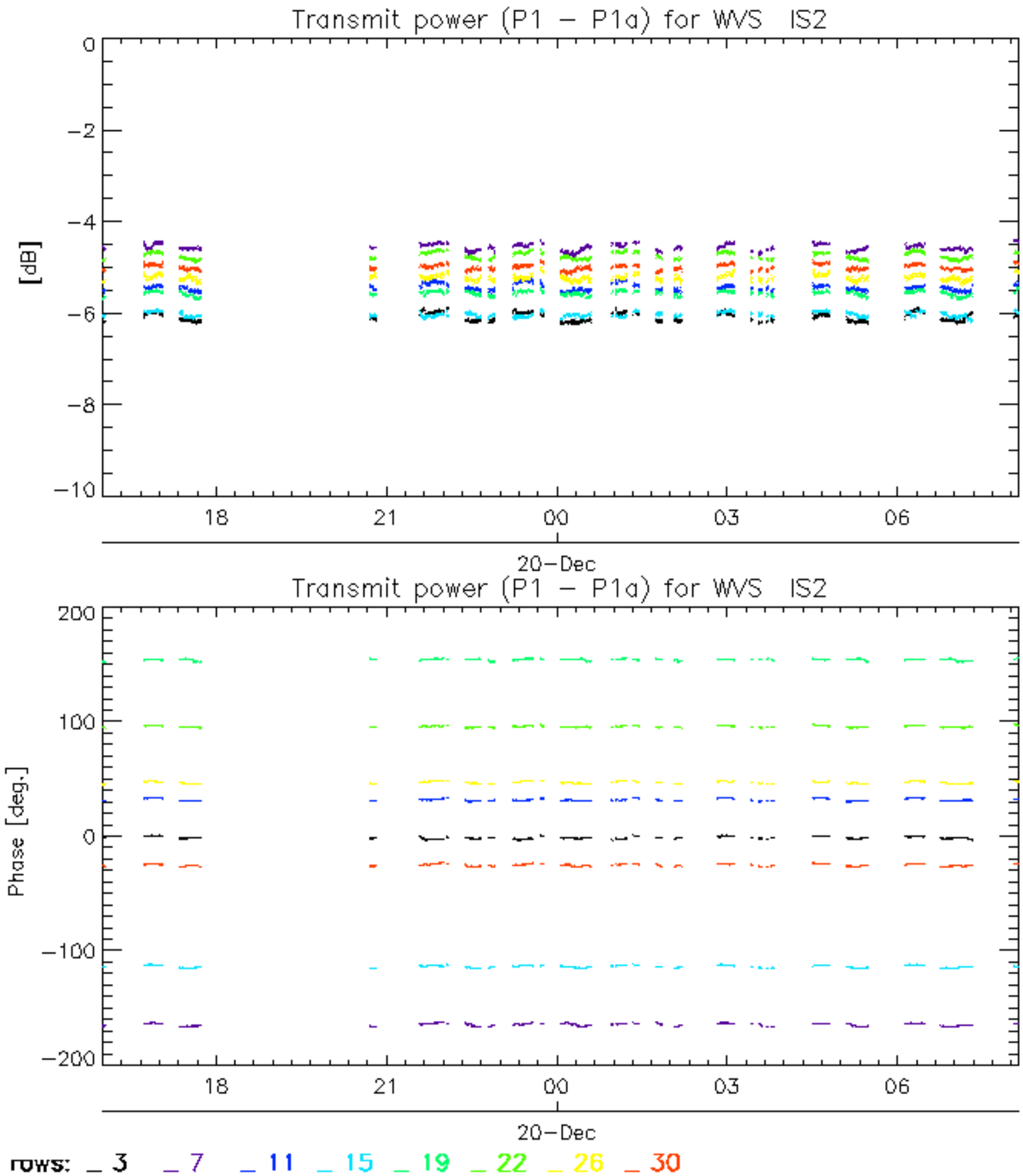

Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
15
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
20
22
00
02
04
06
20–Dec
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
20
22
00
02
04
06
20–Dec
rows: 3 7 11 15 19 22 26 30


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

No unavailabilities during the reported period.