ASAR Daily Report (ADR)

Analysis from 04-APR-2007 00:00:00 to 04-APR-2007 23:59:59. Page generated on 05-APR-2007 05:25:31.
View log file: ASAR_Daily_Report_20070405_0500.log. For any anomalies please contact msantuari@serco.it,mtranfaglia@serco.it.

Due to an ASAR test acquisition campaign, the daily analysis on WVS products
will be based on IS4 instead of IS2 during the following periods:

From orbit 25621 (23-Jan-2007) to 25720 (30-Jan-2007) in HH polarization
From orbit 26122 (27-Feb-2007) to 26221 (06-Mar-2007) in HH polarization
From orbit 25721 (30-Jan-2007) to 25820 (06-Feb-2007) in VV polarization
From orbit 26222 (06-Mar-2007) to 26321 (13-Mar-2007) in VV polarization

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1 - Data Summary

1.1 - Summary tables

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WVS			
Center	Beam	Pol	#
PDE	IS1	V/V	1
PDE	IS2	V/V	9
PDK	IS1	V/V	1
PDK	IS2	V/V	26

GM1			
Center	Beam	Pol	#
PDE	WS	H/H	17
PDK	WS	H/H	41

APM			
Center	Beam	Pol	#
PDE	IS2	H/H	2
PDE	IS4	H/H	1
PDE	IS4	H/V	1
PDE	IS6	H/H	1
PDK	IS3	H/H	1
PDK	IS4	V/H	1

IMM			
Center	Beam	Pol	#
PDE	IS1	H/H	1
PDE	IS2	V/V	5
PDE	IS4	V/V	1
PDE	IS6	V/V	1
PDE	IS7	V/V	1
PDK	IS2	H/H	1
PDK	IS2	V/V	1

WSM			
Center	Beam	Pol	#
PDE	WS	H/H	18
PDE	WS	V/V	4
PDK	WS	H/H	5
PDK	WS	V/V	3

MS			
Center	Time	Pol	Modules
PDK	2007-04-04 17:01:54	V	320

1.2 - Lists of products used

[BACK TO MENU]

[TXT] [XLS] List_WVS_products_used
[TXT] [XLS] List_GM1_products_used
[TXT] [XLS] List_APM_products_used
[TXT] [XLS] List_IMM_products_used
[TXT] [XLS] List_WSM_products_used
[TXT] [XLS] List_MS_products_used

2 - Auxiliary Files Analysis

2.1 - IECF operational ADFs list

[BACK TO MENU]

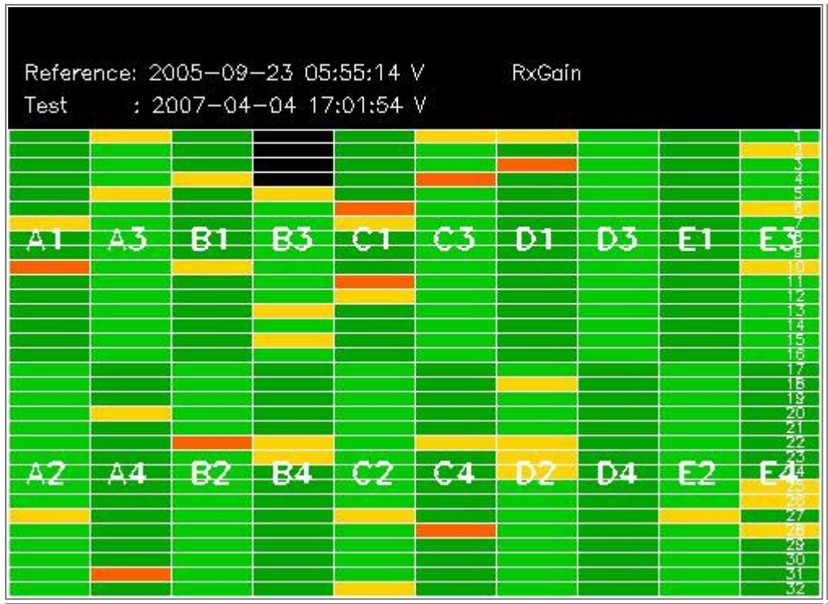
No IECF ADFs list available

2.2 - Products with wrong ADFs

[BACK TO MENU]

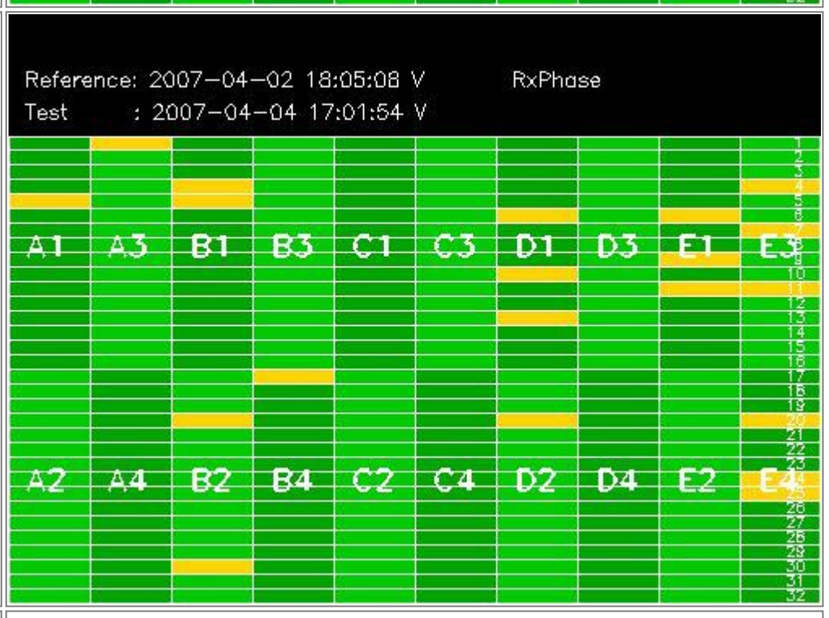
3 - Module Stepping Products Analysis

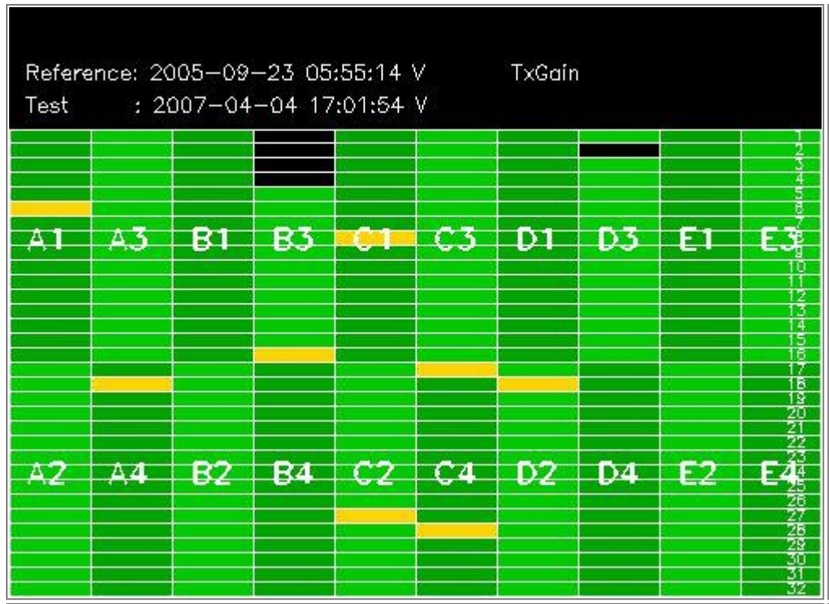
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

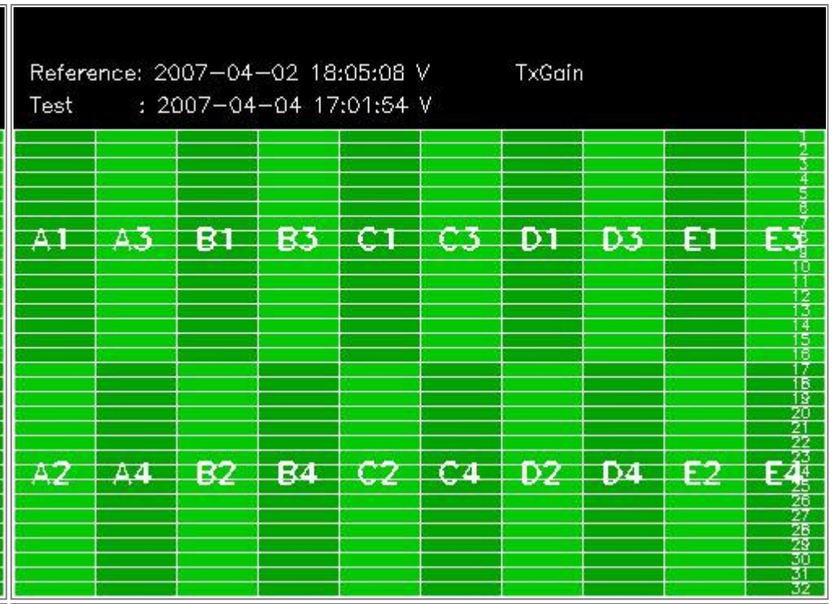

Reference: 2005-09-23 05:55:14 V
Test : 2007-04-04 17:01:54 V
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

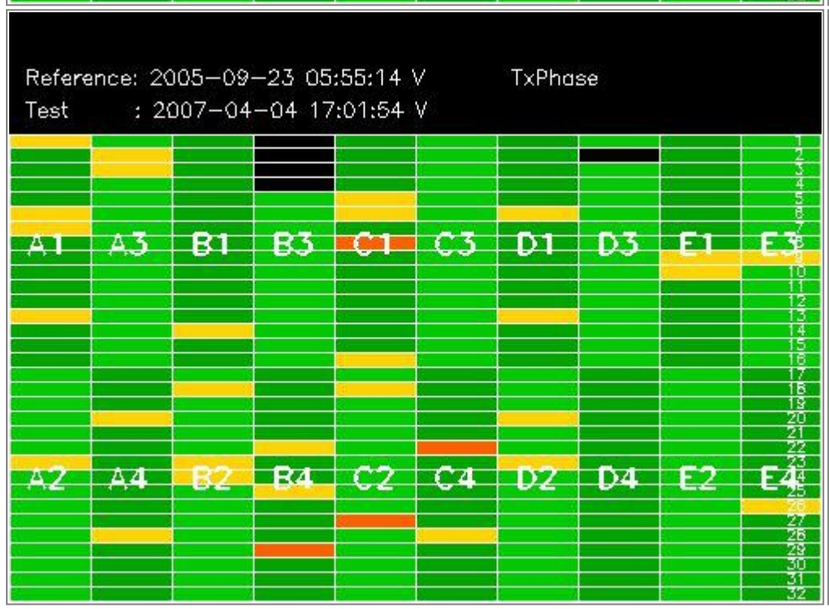

Reference: 2007-04-02 18:05:08 V
Test : 2007-04-04 17:01:54 V
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

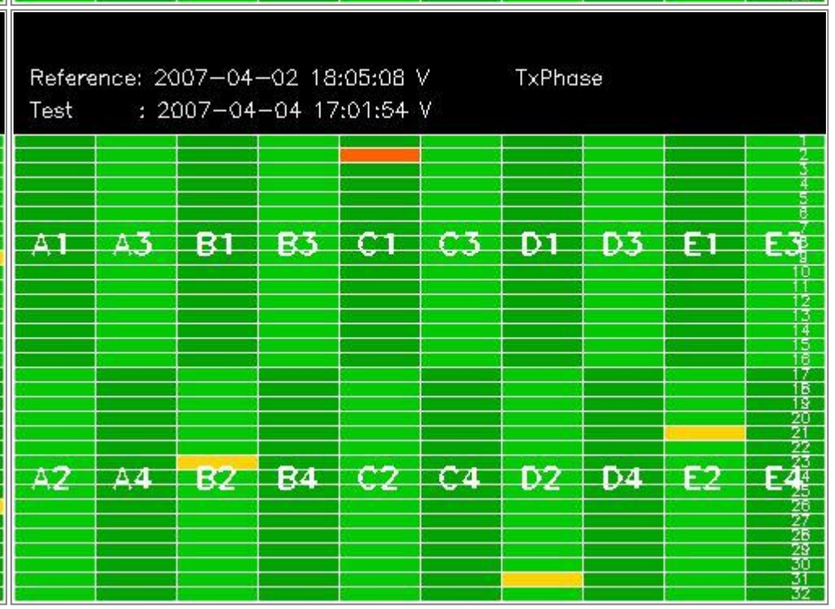

Reference: 2005-09-23 05:55:14 V
Test : 2007-04-04 17:01:54 V
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4


Reference: 2007-04-02 18:05:08 V
Test : 2007-04-04 17:01:54 V
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4





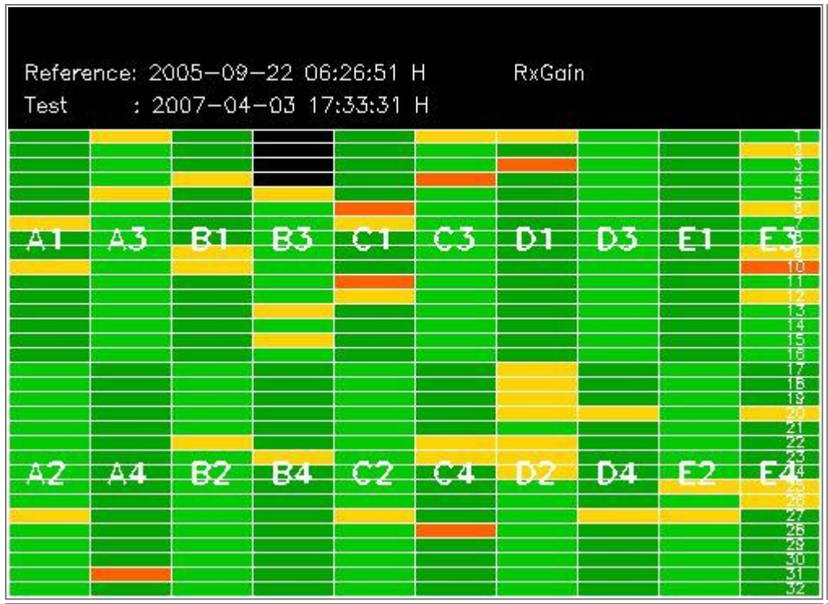


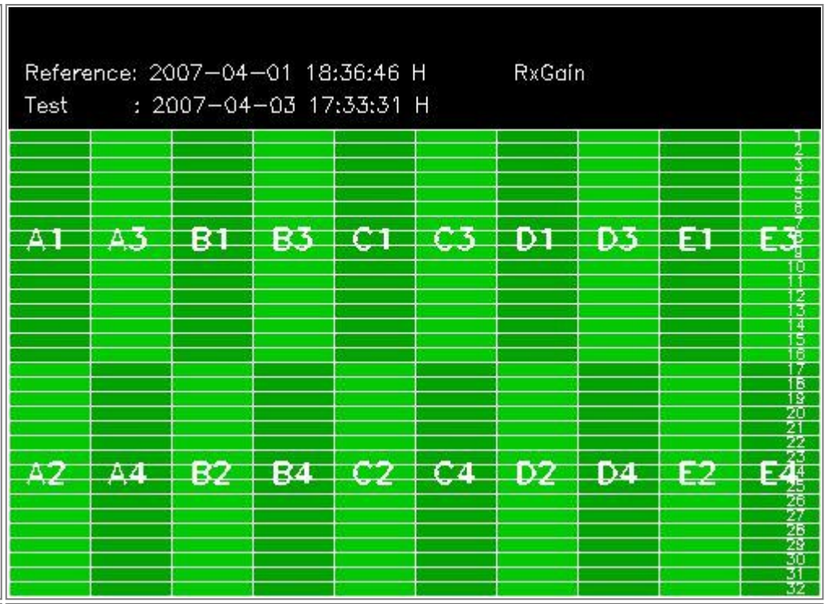


3.2 - H/H polarisation

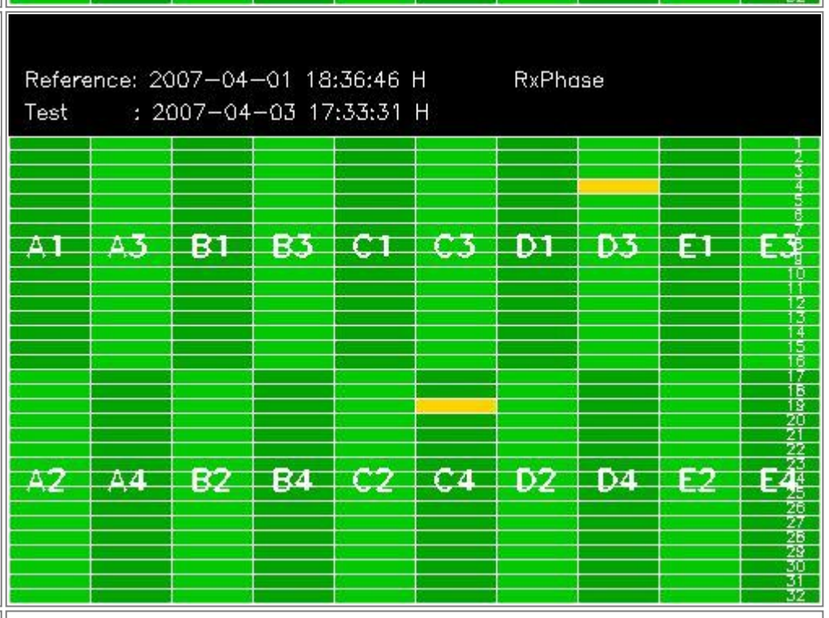
[BACK TO MENU]

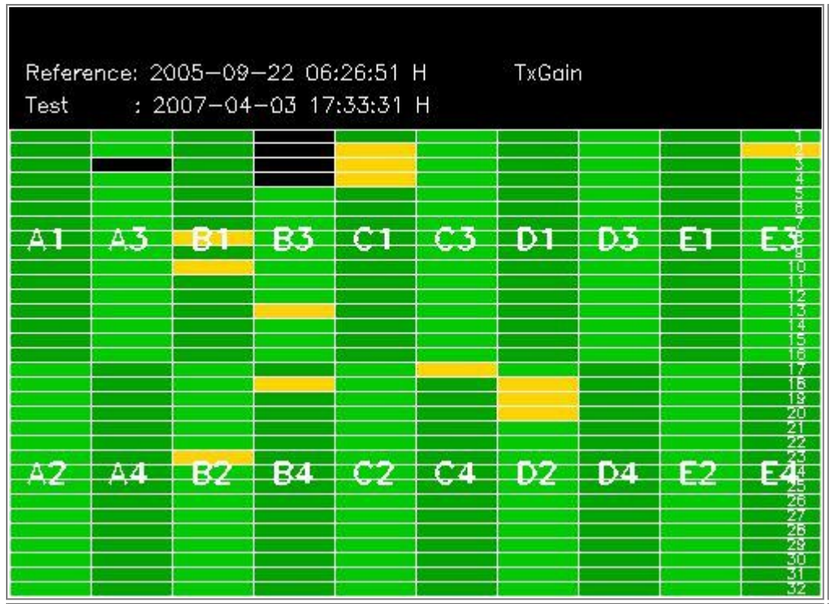
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

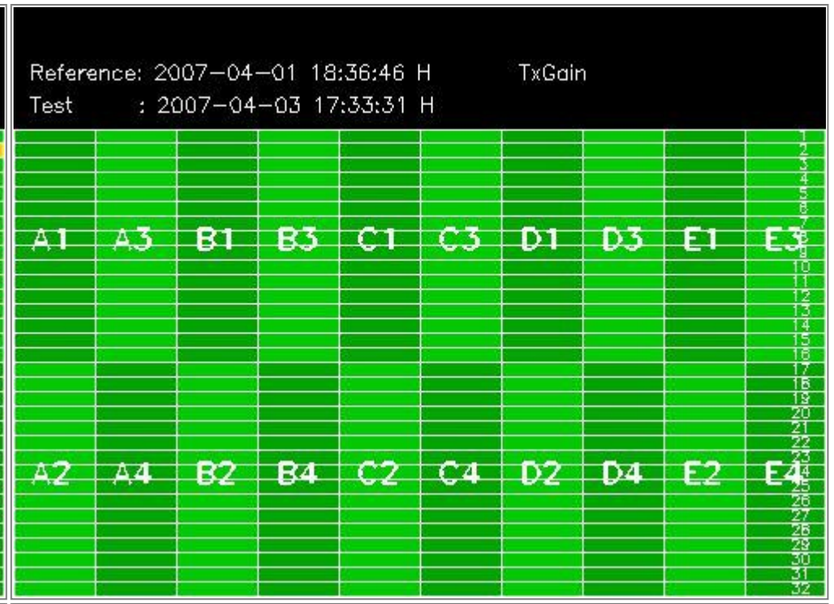

Reference: 2005-09-22 06:26:51 H
Test : 2007-04-03 17:33:31 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

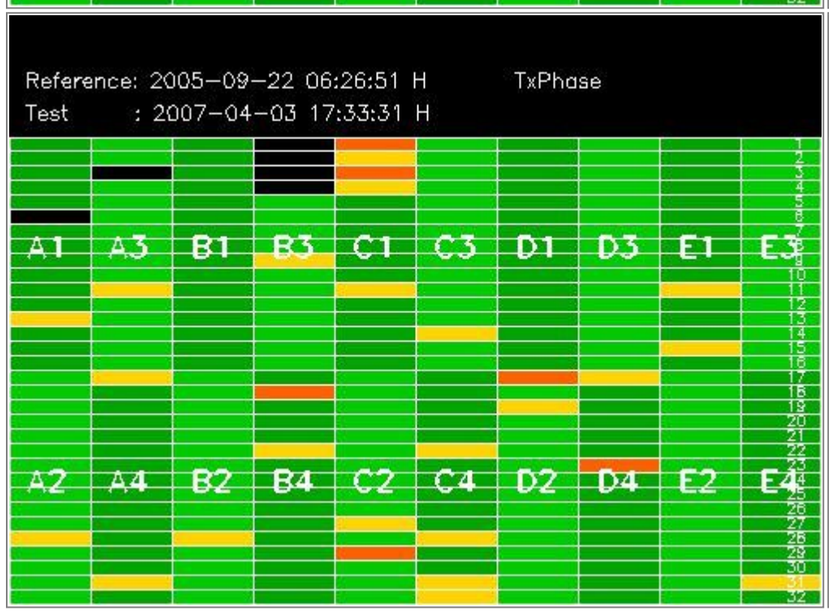

Reference: 2007-04-01 18:36:46 H
Test : 2007-04-03 17:33:31 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

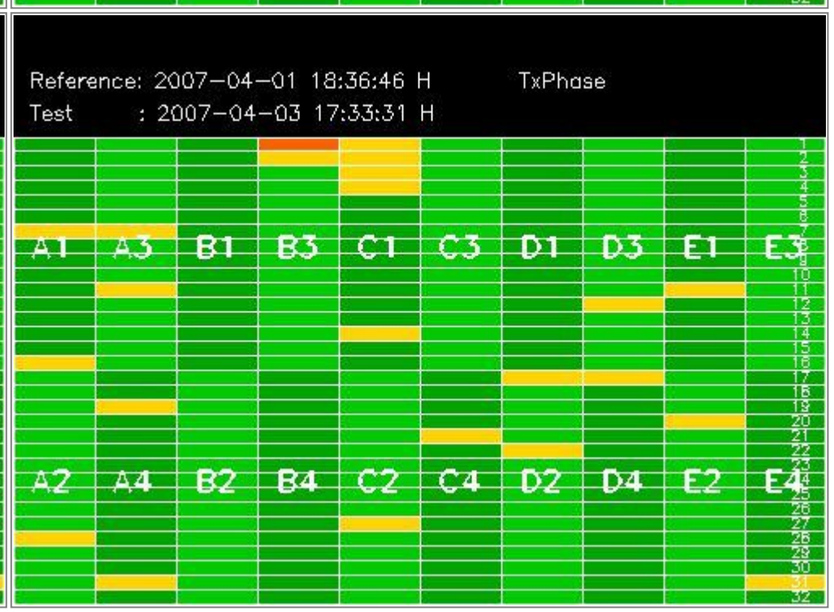

Reference: 2005-09-22 06:26:51 H
Test : 2007-04-03 17:33:31 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4


Reference: 2007-04-01 18:36:46 H
Test : 2007-04-03 17:33:31 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4









4 - Calibration Pulses Analysis

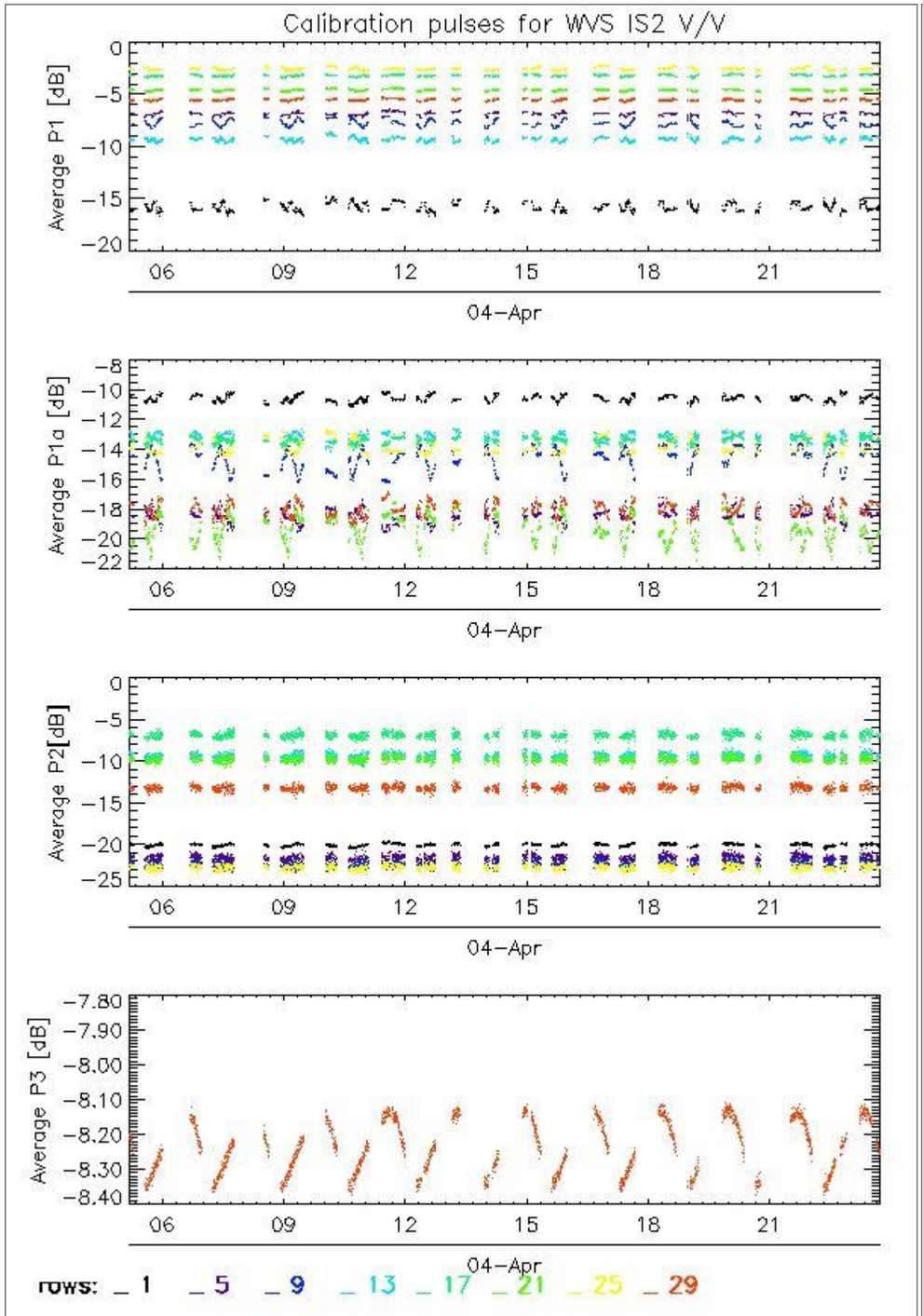
4.1 - Analysis for WVS IS2 V/V

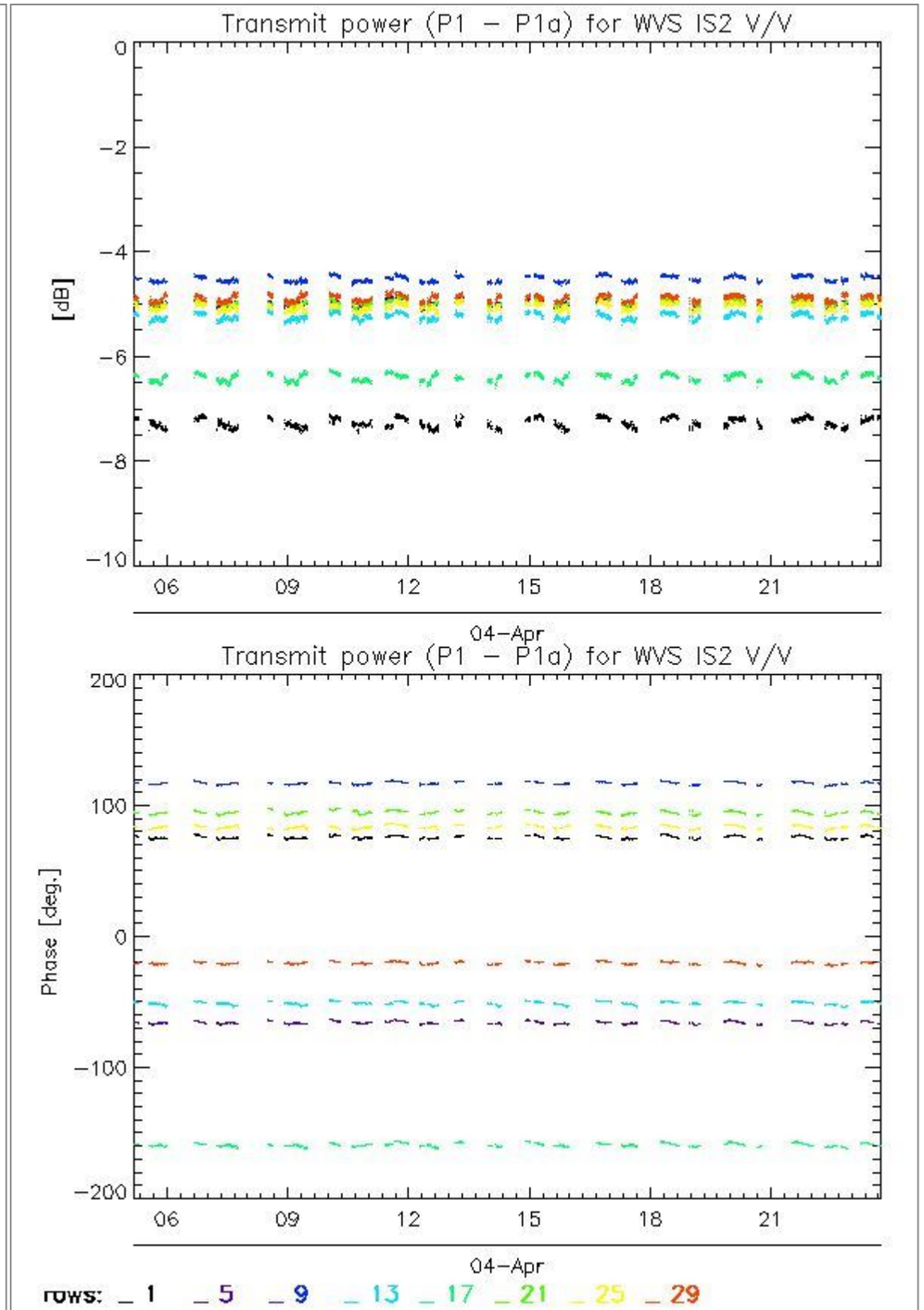
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

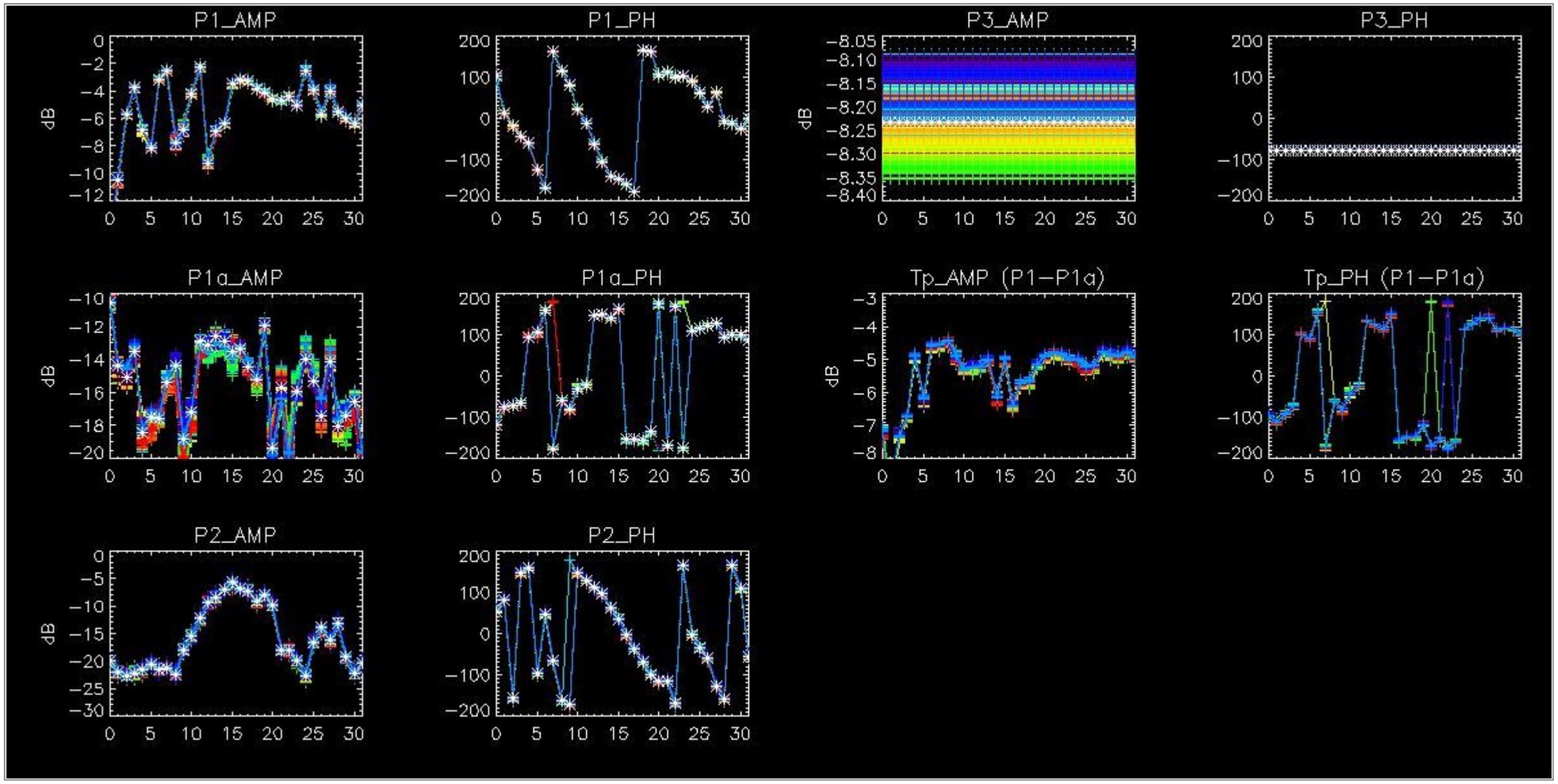
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]



4.2 - Analysis for GM1 SS3 H/H

4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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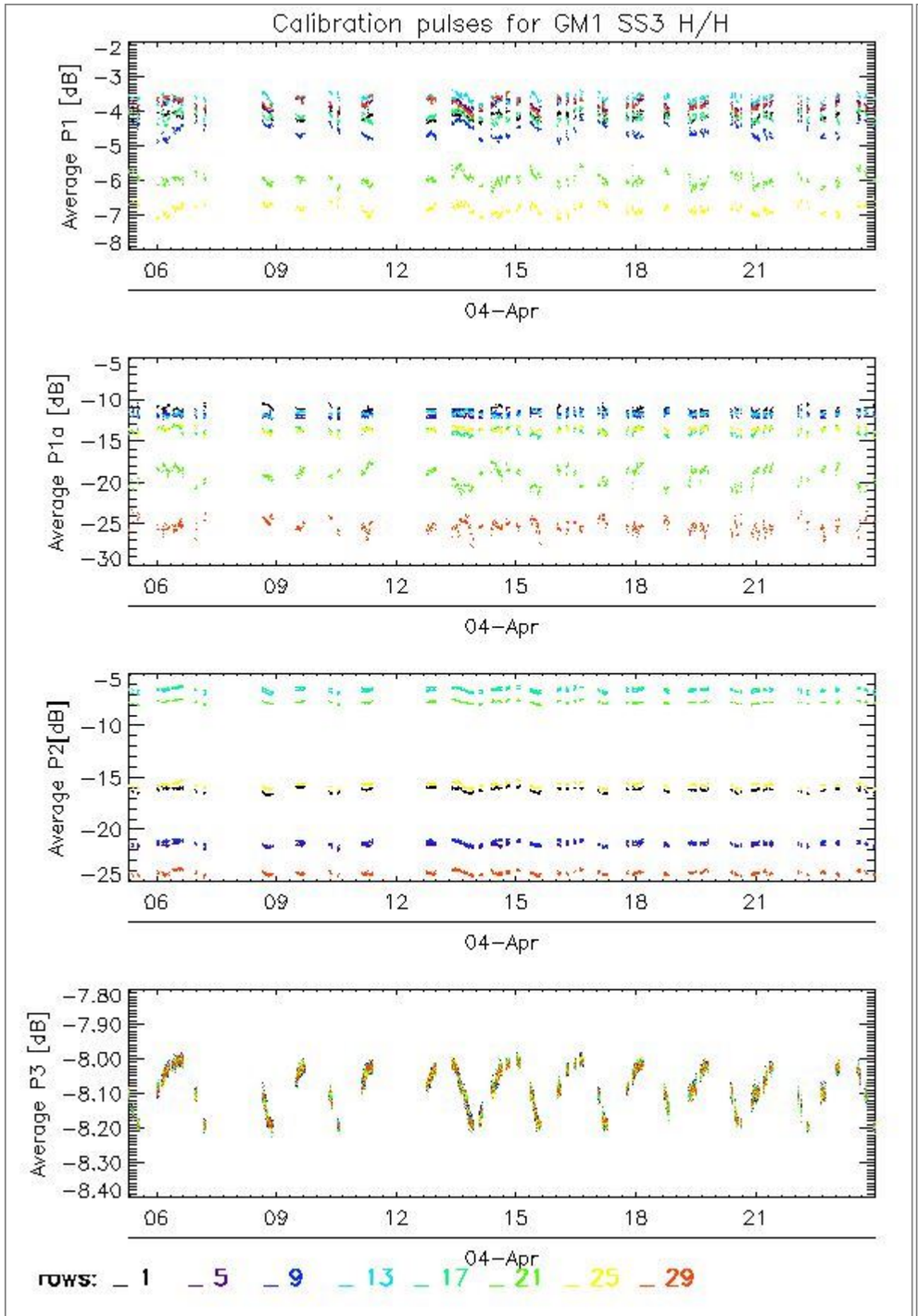
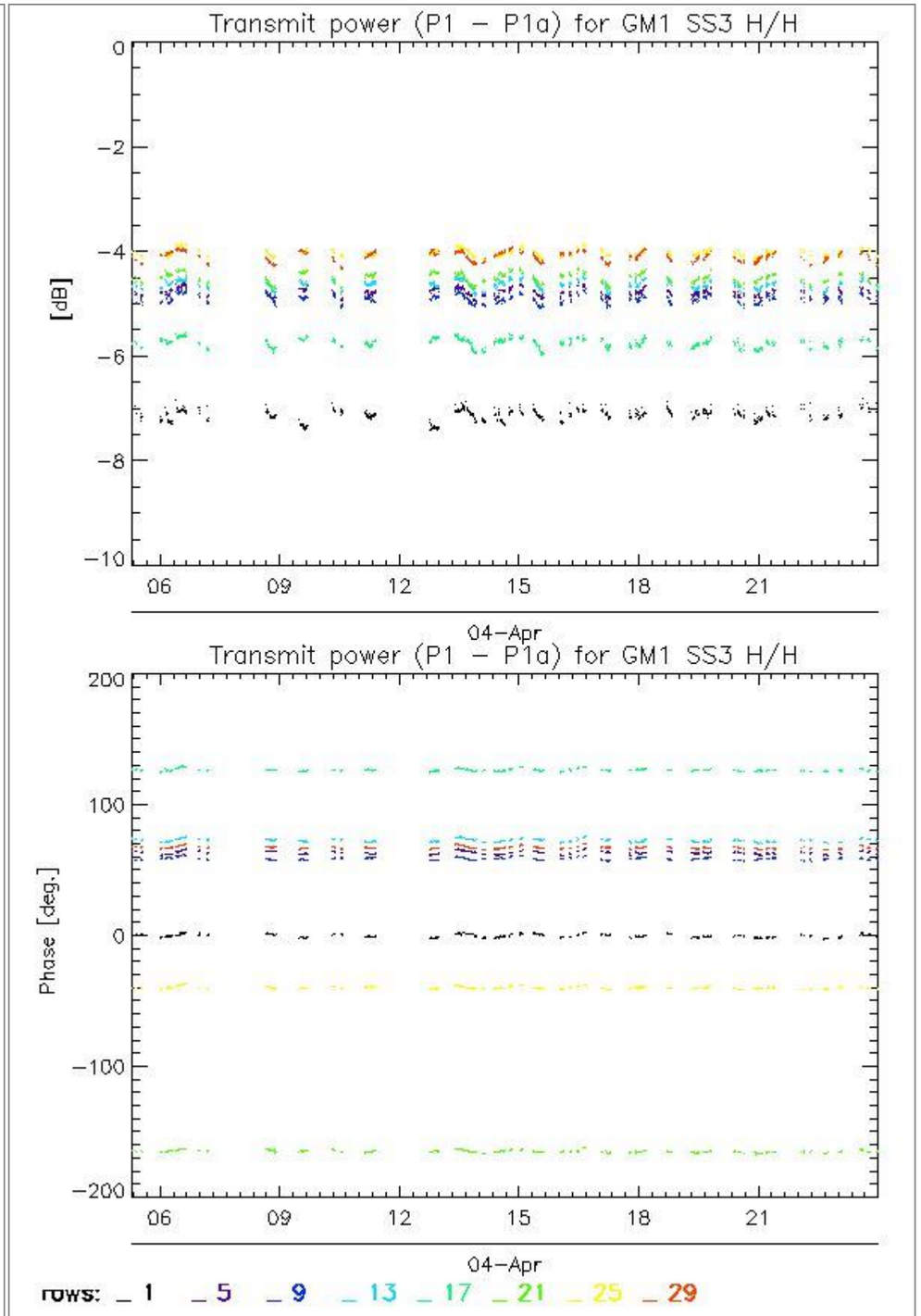
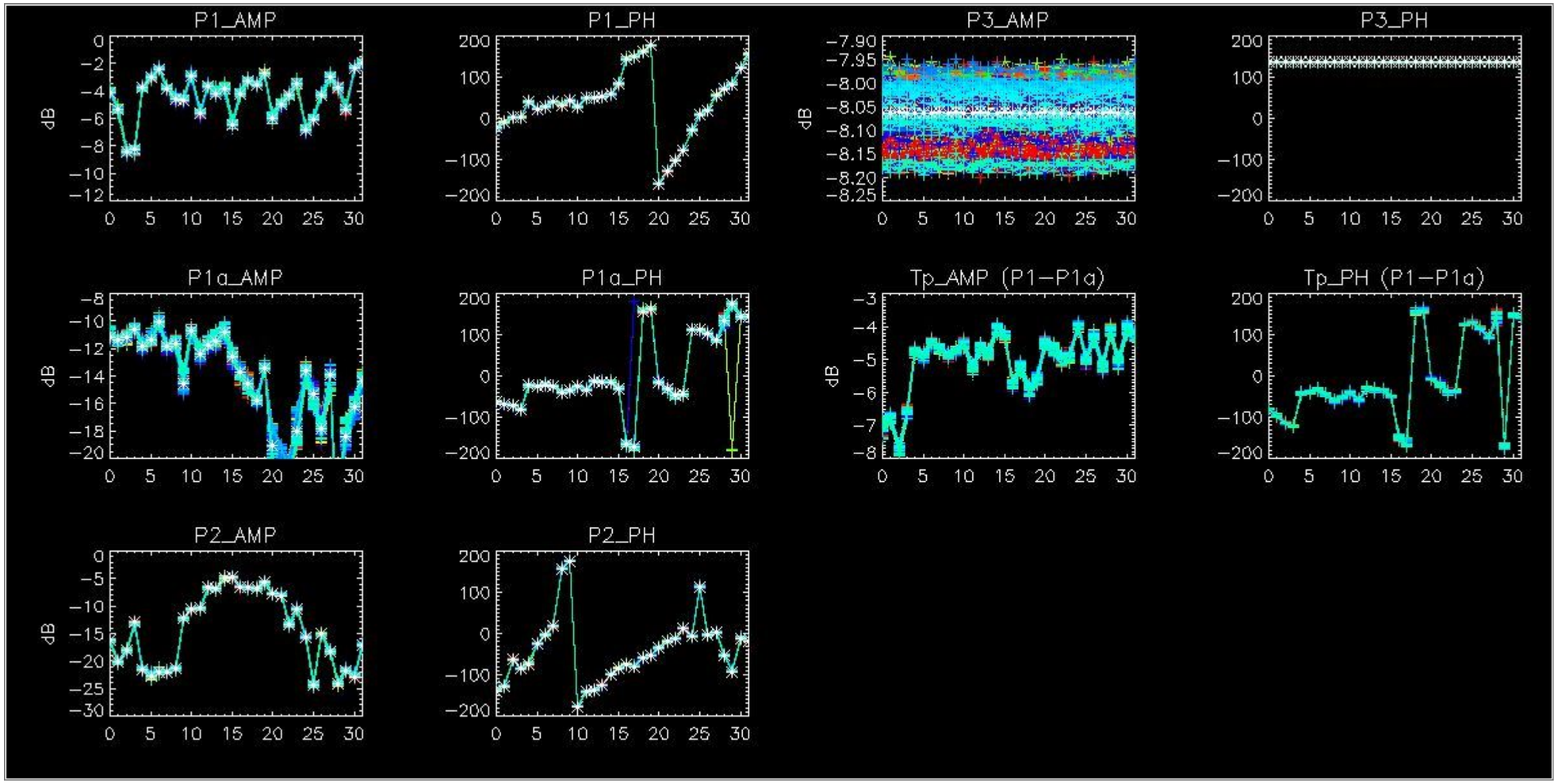




4.2.2 - All Rows Analysis for GM1 SS3 H/H

[BACK TO MENU]

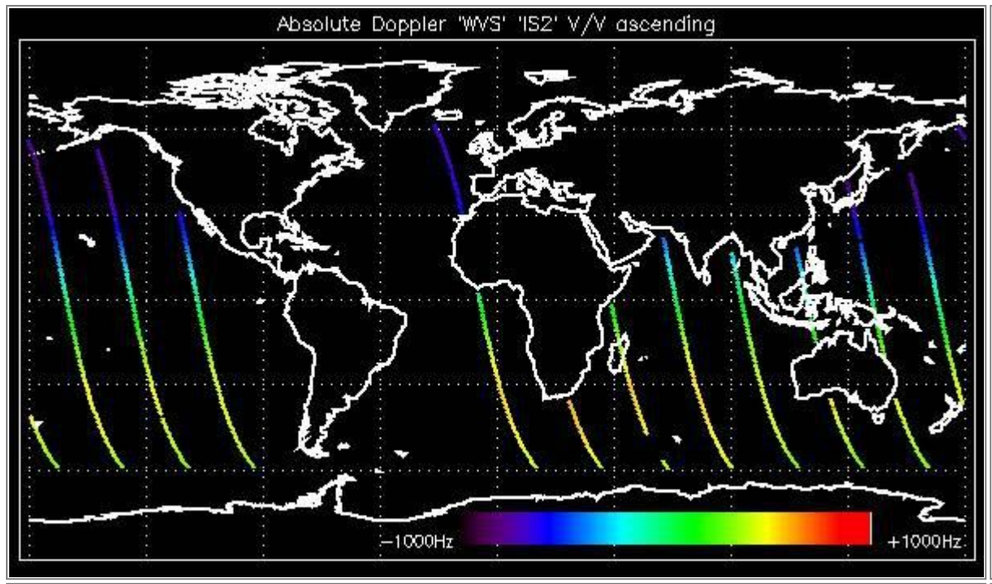


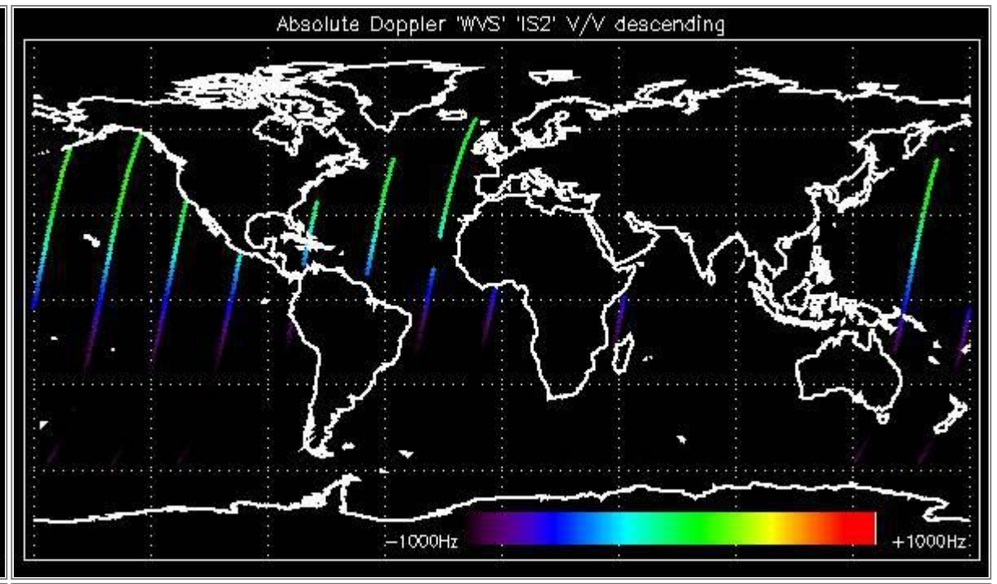
5 - Doppler Analysis

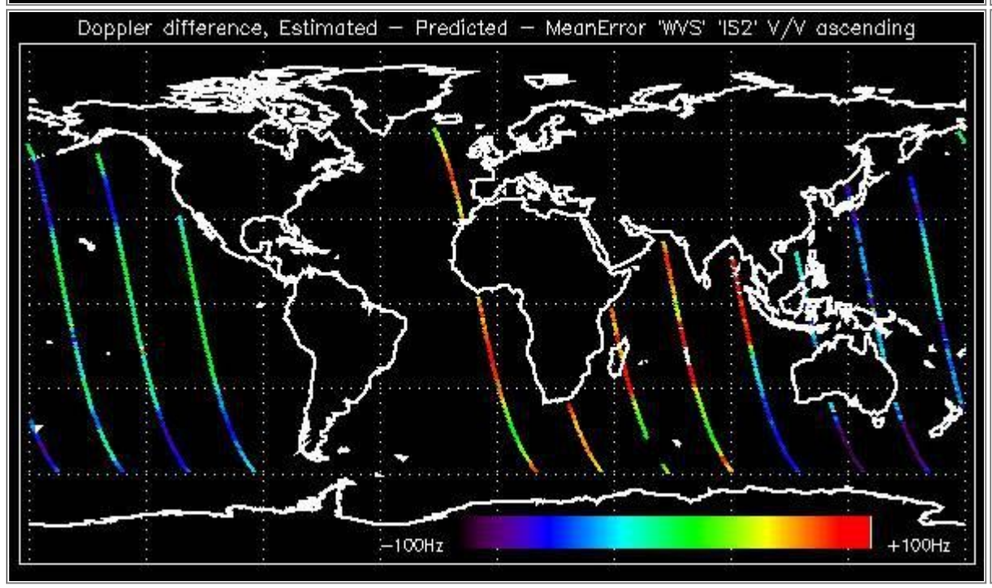
5.1 - Analysis for WVS IS2 V/V

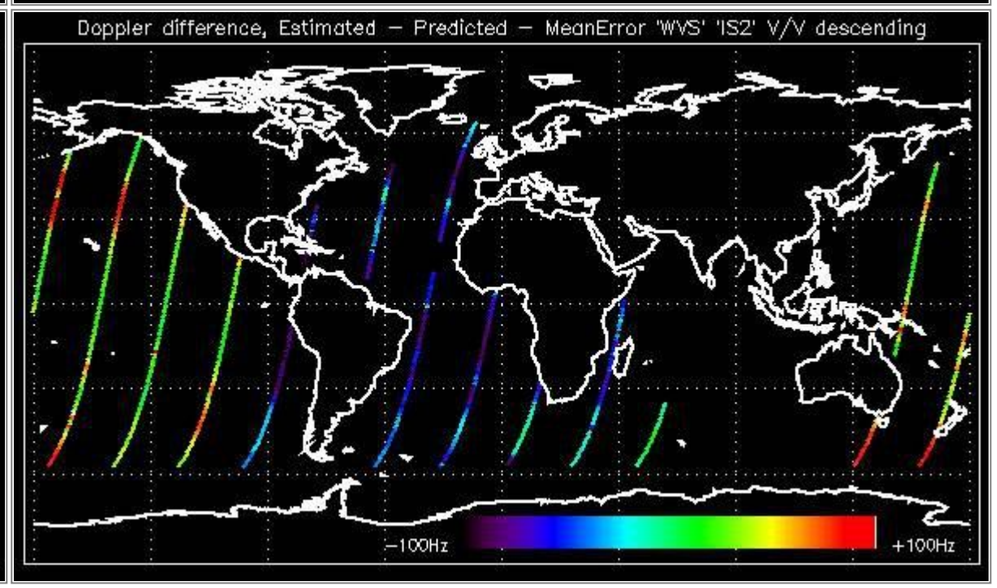
5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[BACK TO MENU]



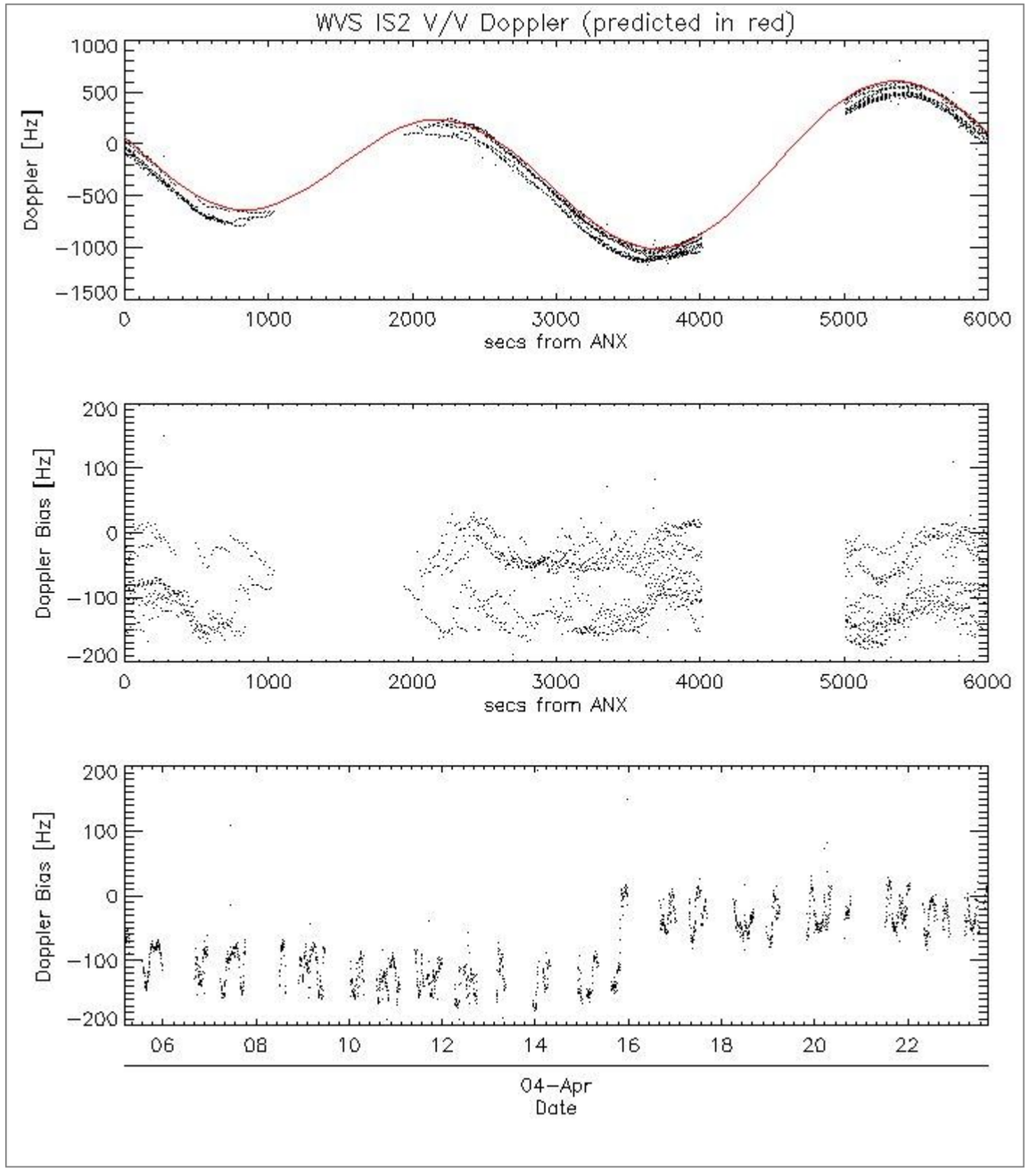






5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

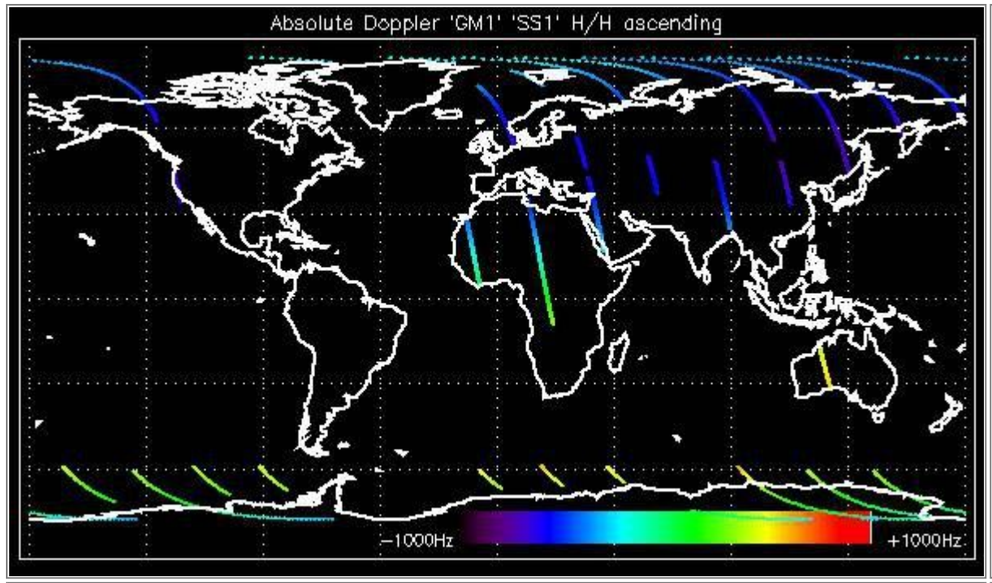
[BACK TO MENU]

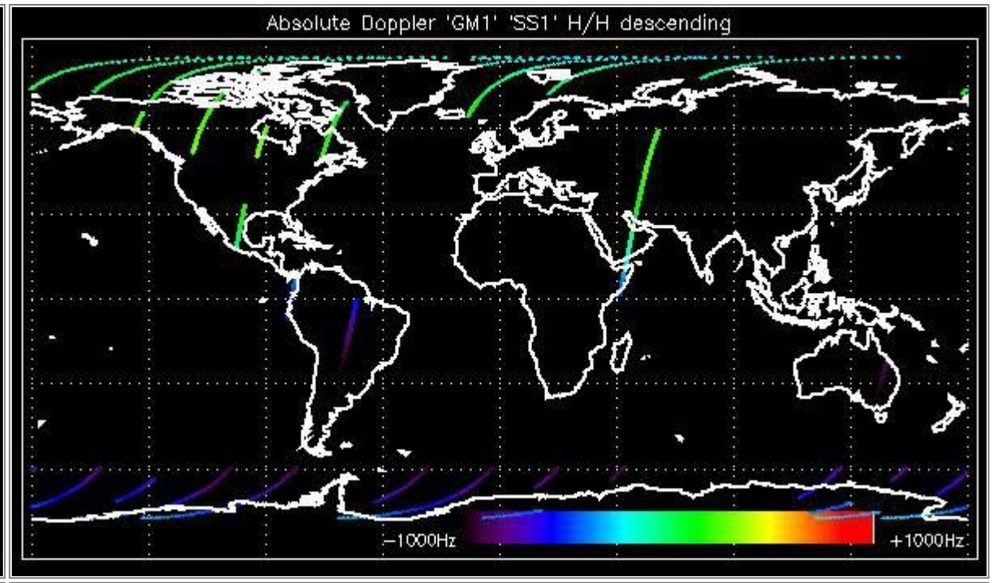


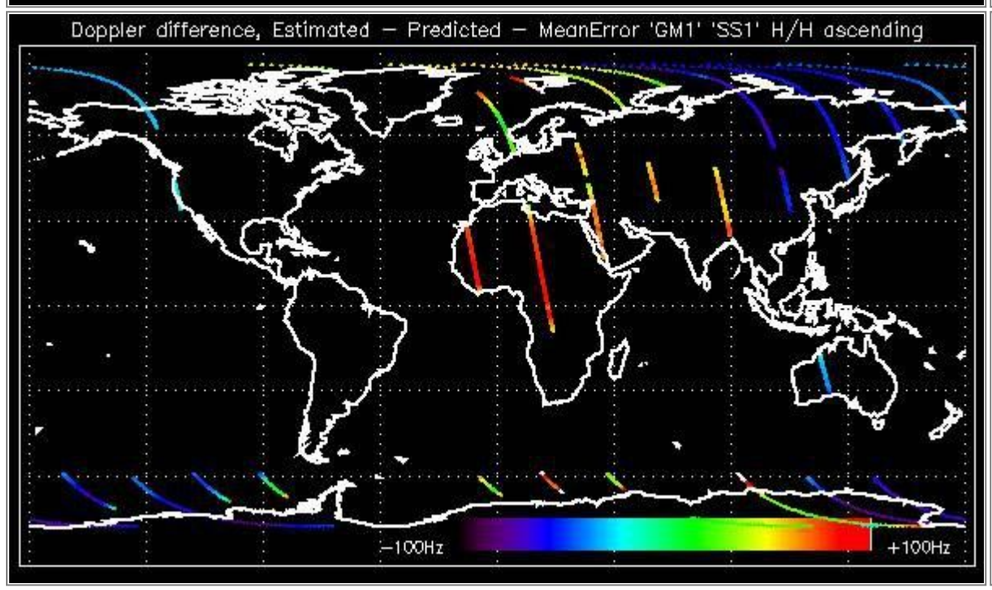
5.2 - Analysis for GM1 SS1 H/H

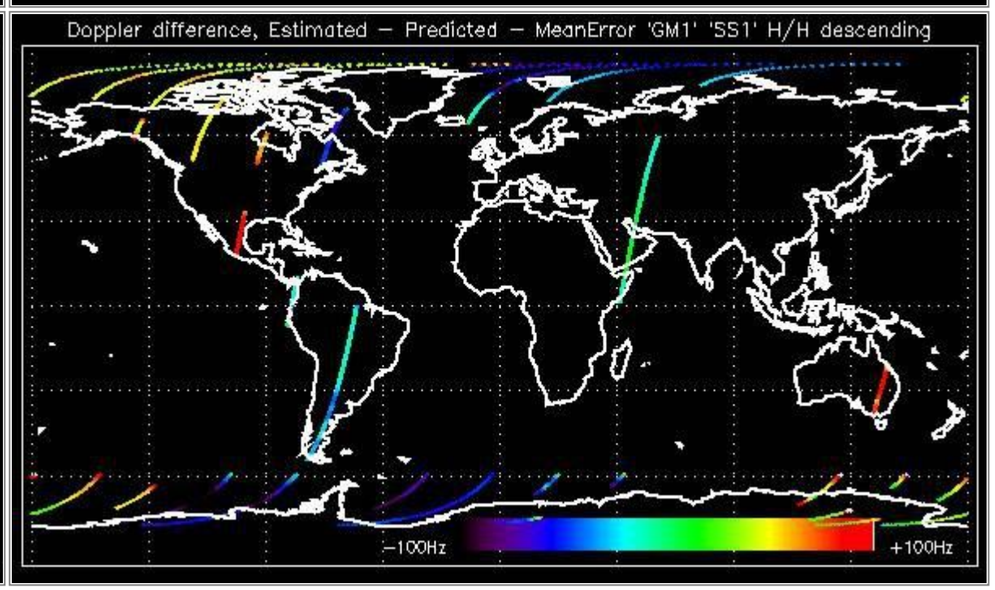
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]



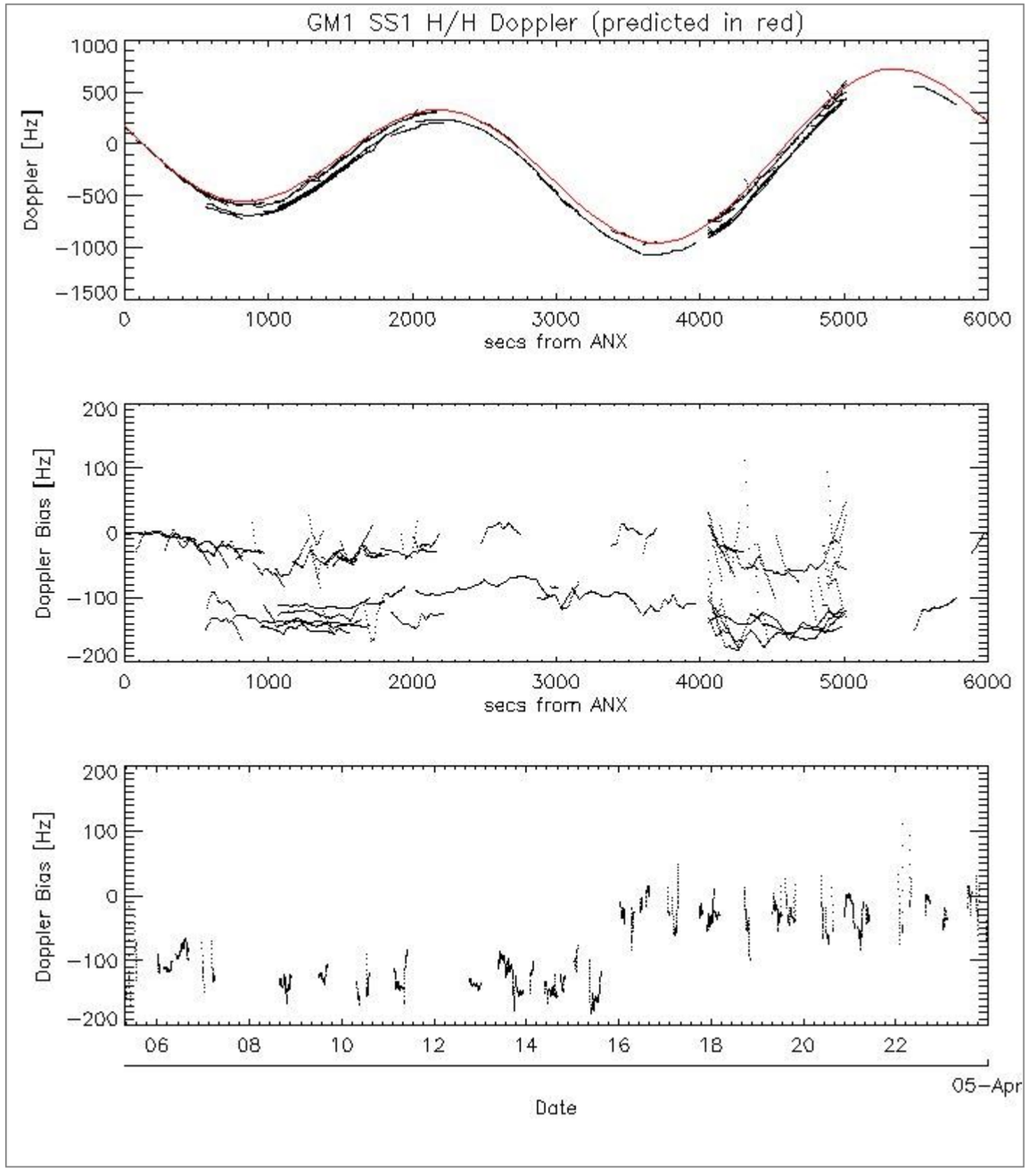






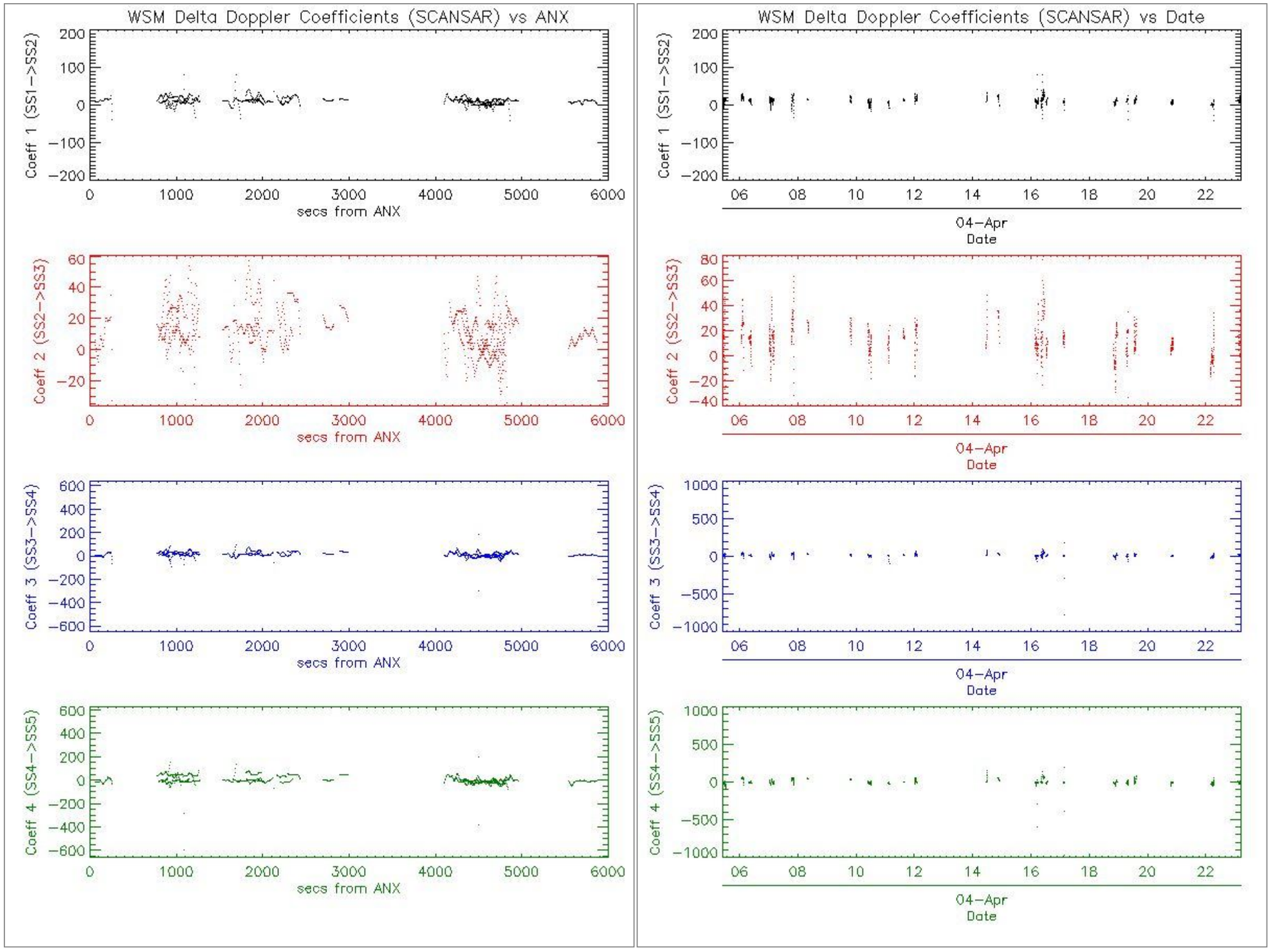
5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[BACK TO MENU]



5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]

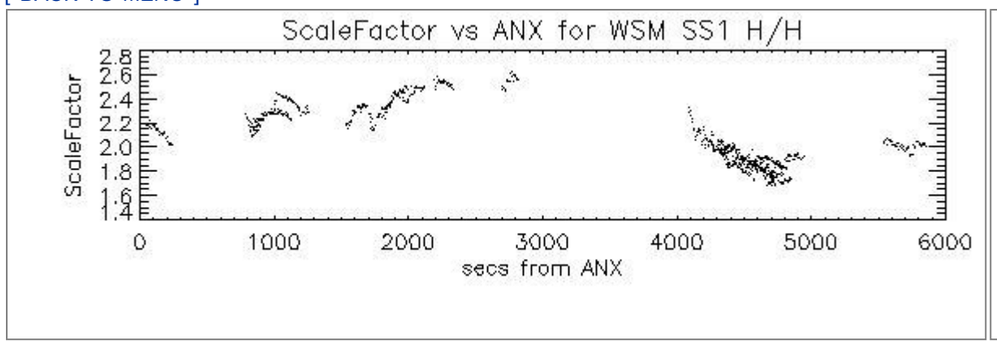


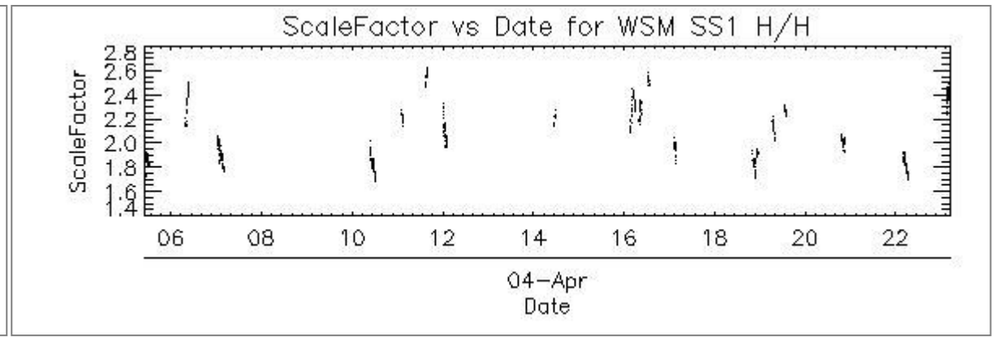
6 - Chirp Analysis

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

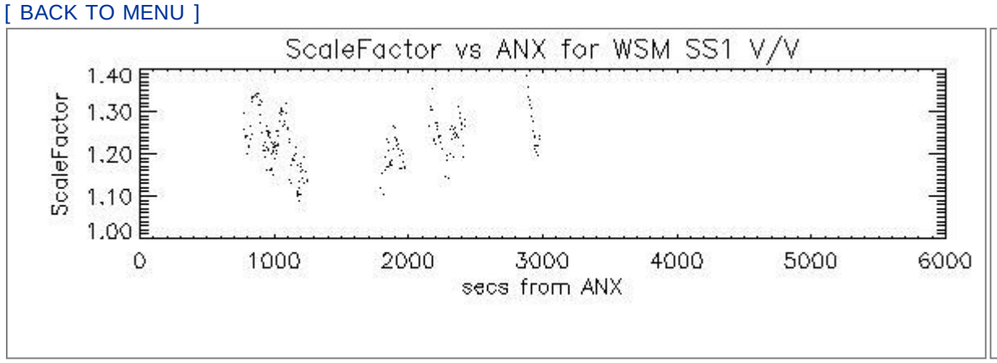


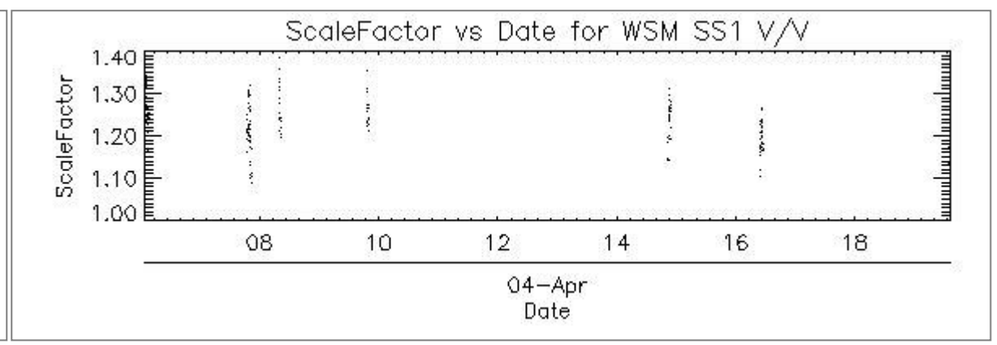


6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[BACK TO MENU]

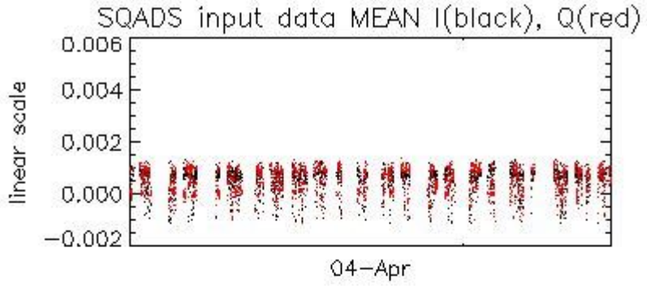


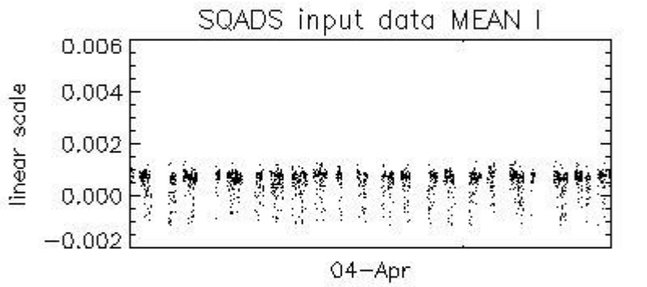


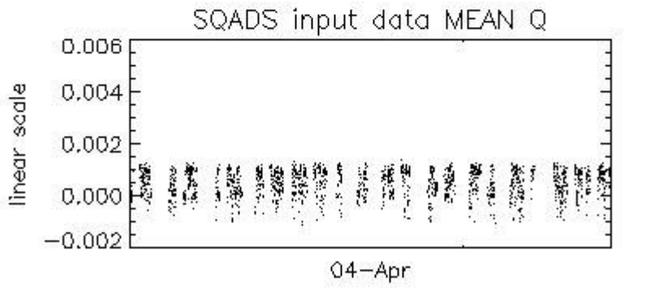
7 - Raw Data Analysis

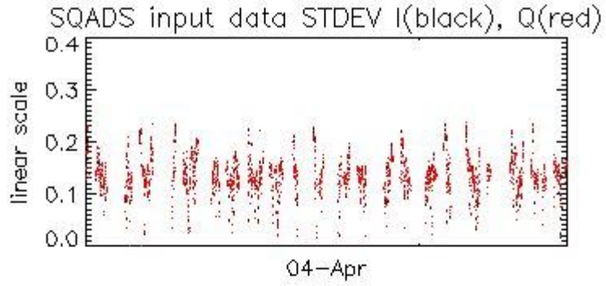
7.1 - Analysis for WVS

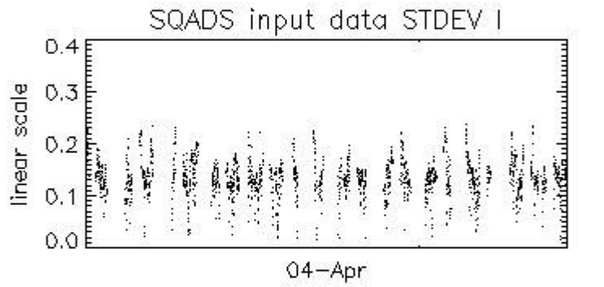
[BACK TO MENU]

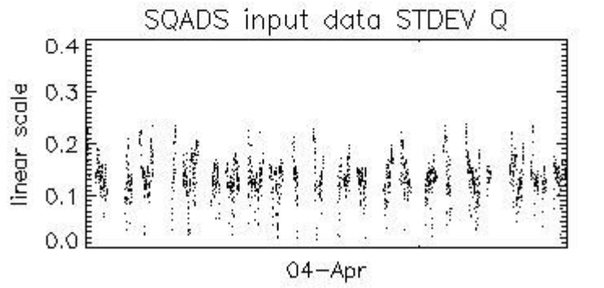


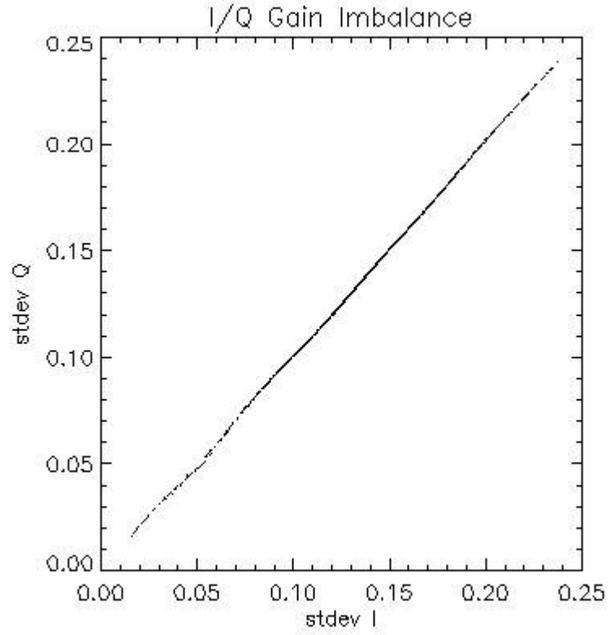










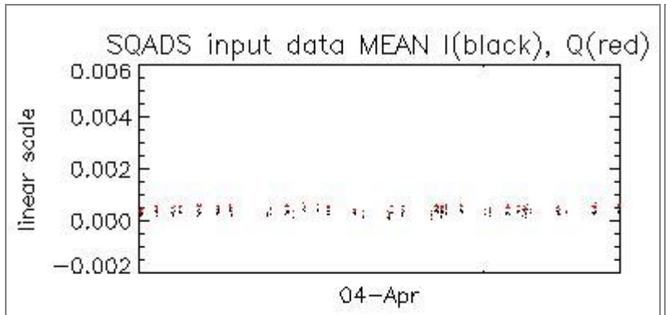


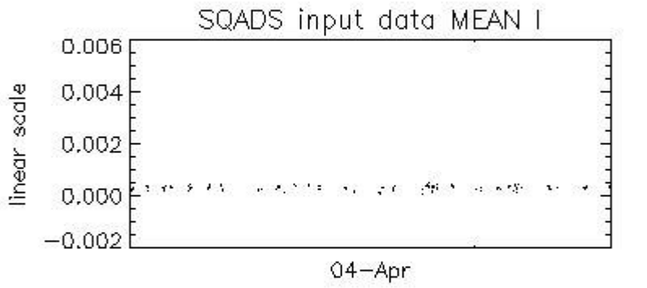
Channel	Statistics	DSS-B
MEAN I	mean	0.000535058
	stdev	2.16208e-07
MEAN Q	mean	0.000485349
	stdev	2.47361e-07

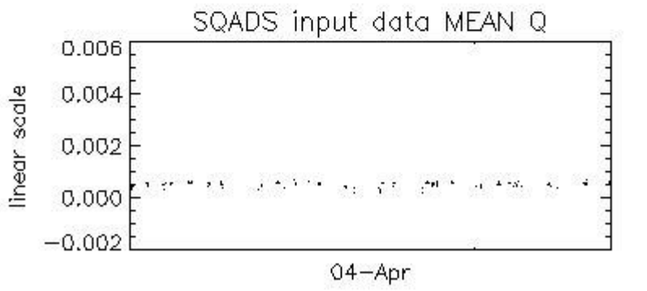
Channel	Statistics	DSS-B
STDEV I	mean	0.134550
	stdev	0.00134043
STDEV Q	mean	0.134941
	stdev	0.00136193

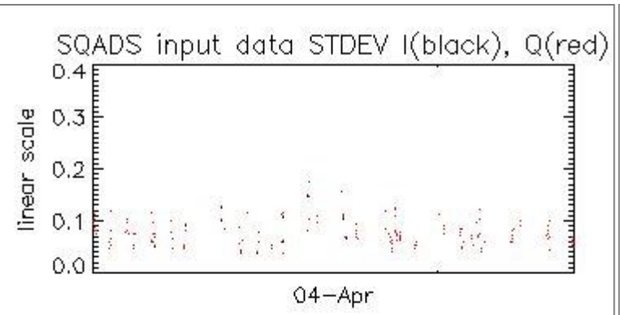
7.2 - Analysis for IMM

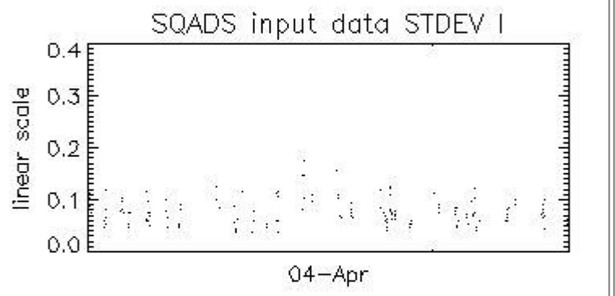
[BACK TO MENU]

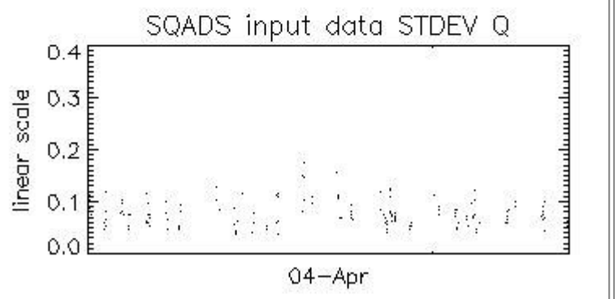


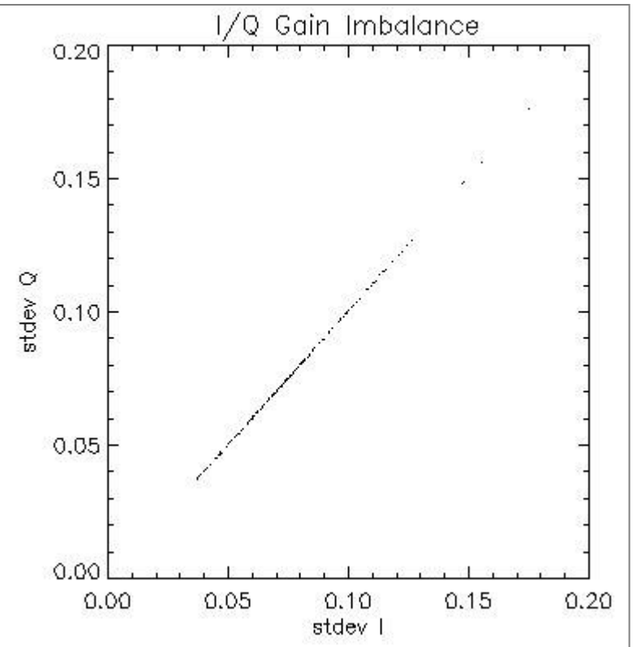












Channel	Statistics	DSS-B
MEAN I	mean	0.000308410
	stdev	6.79818e-09
MEAN Q	mean	0.000508012
	stdev	8.85697e-09

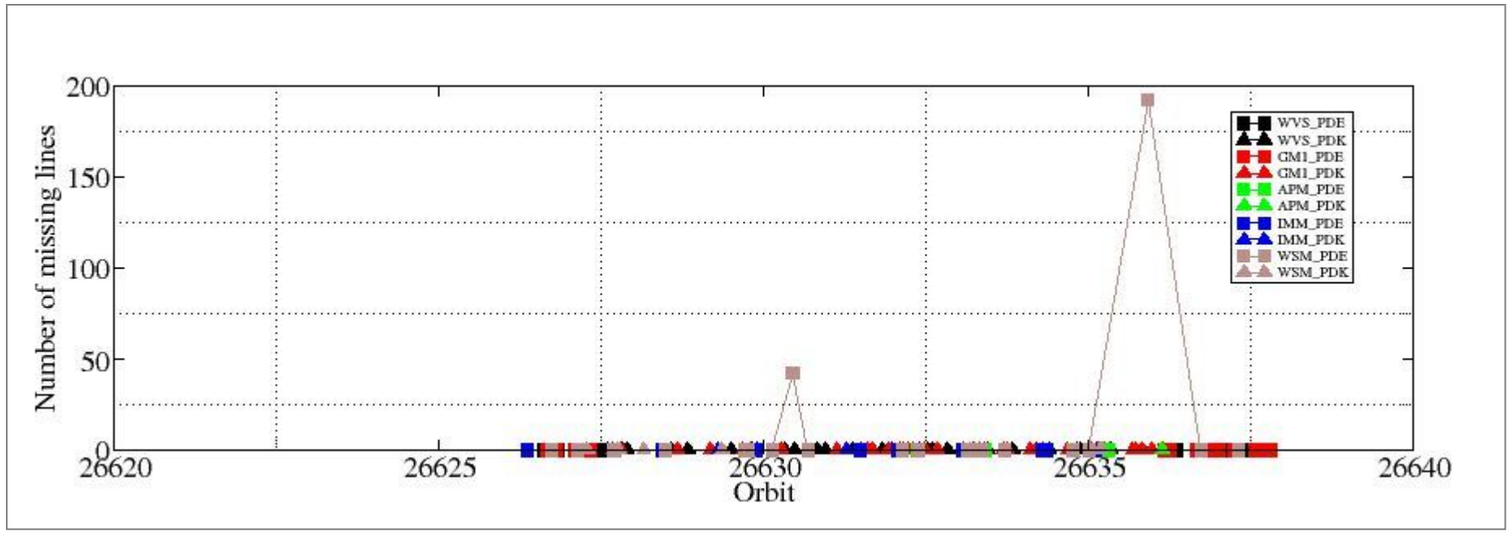
Channel	Statistics	DSS-B
STDEV I	mean	0.0762232
	stdev	0.000621056
STDEV Q	mean	0.0765340
	stdev	0.000627968

8 - Telemetry Analysis

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20070404_113735_000001282057_00023_26630_8811.N1	0	42
PDE	ASA_WSM_1PNPDE20070404_204754_000003362057_00028_26635_8996.N1	15	192

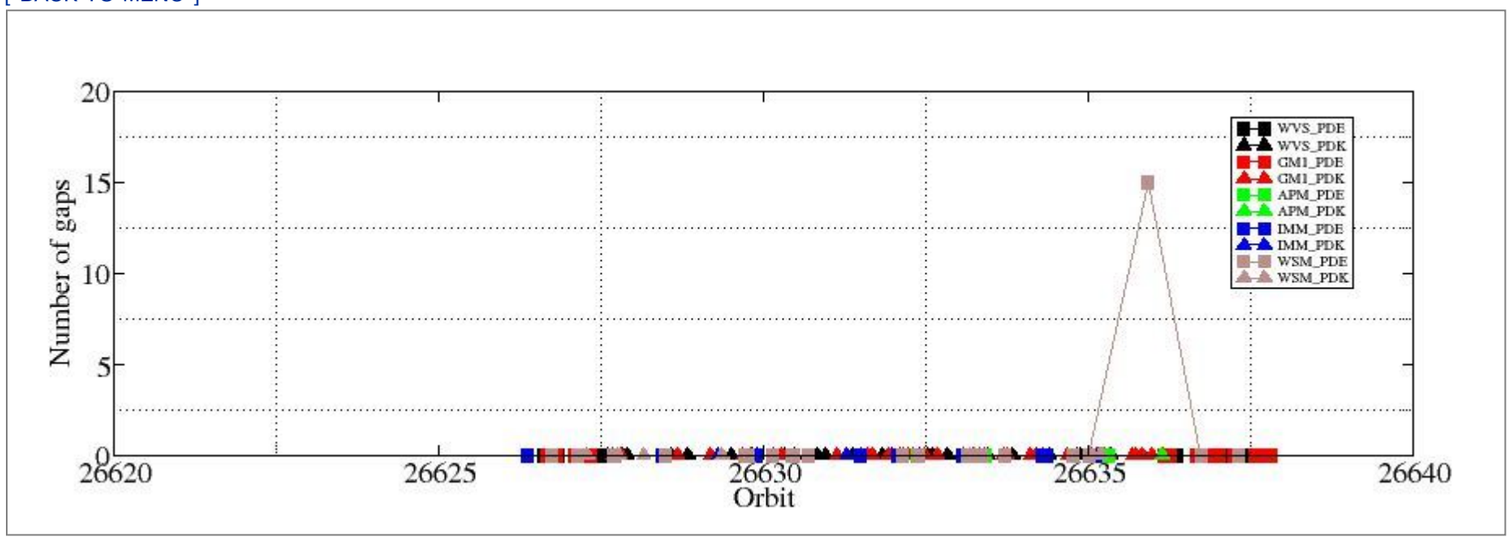
8.1 - Number of Missing lines

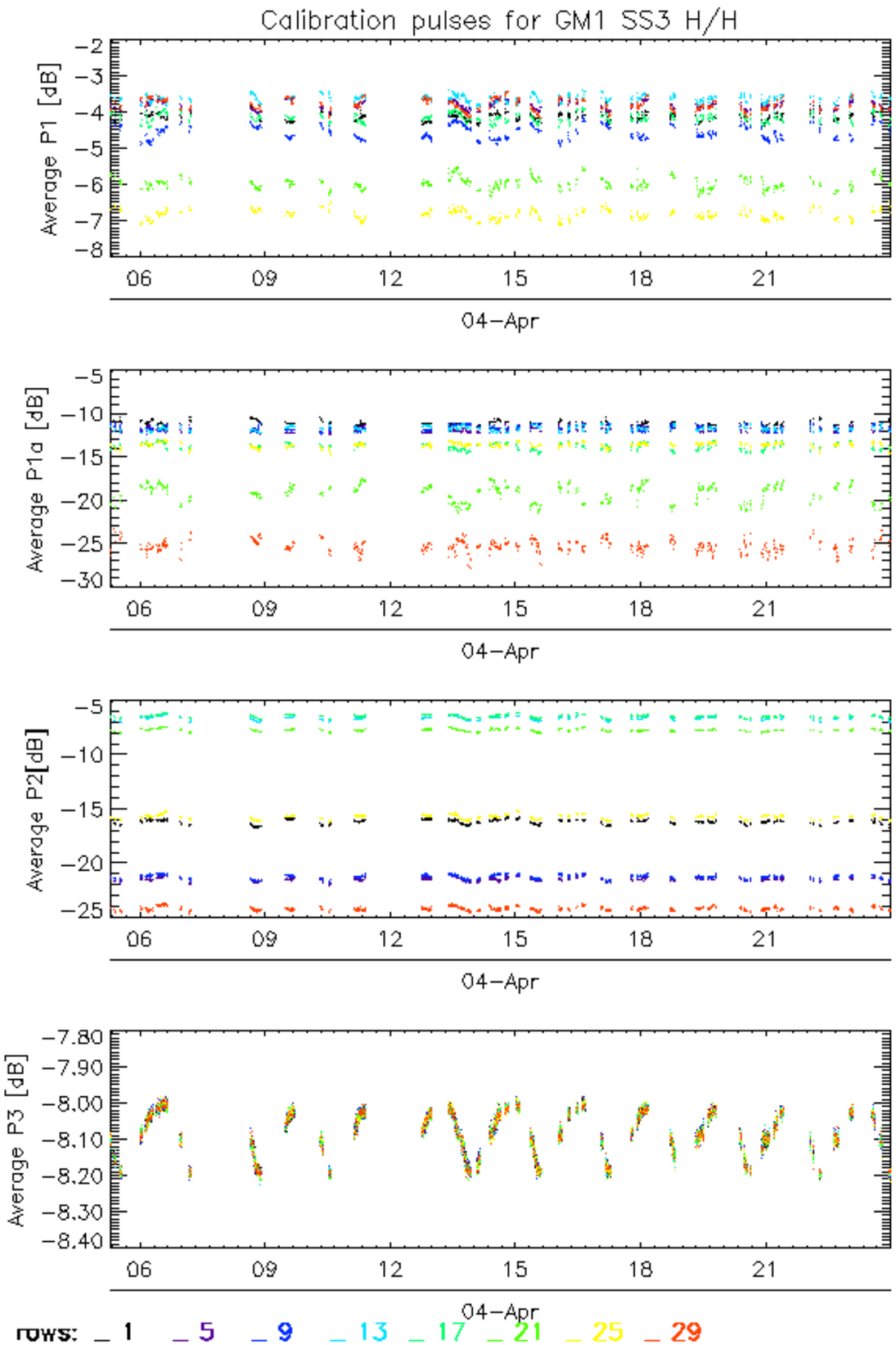
[BACK TO MENU]

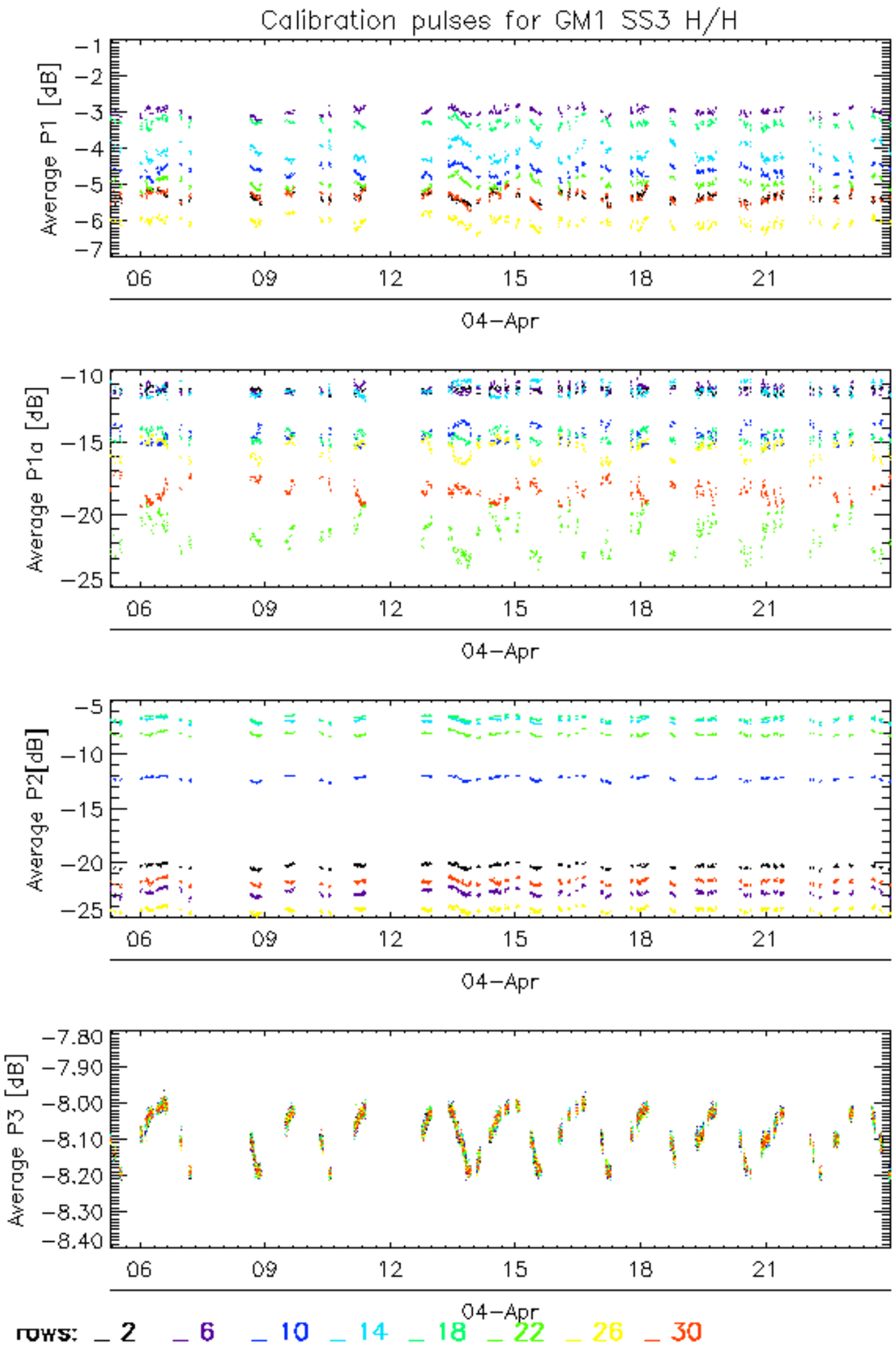


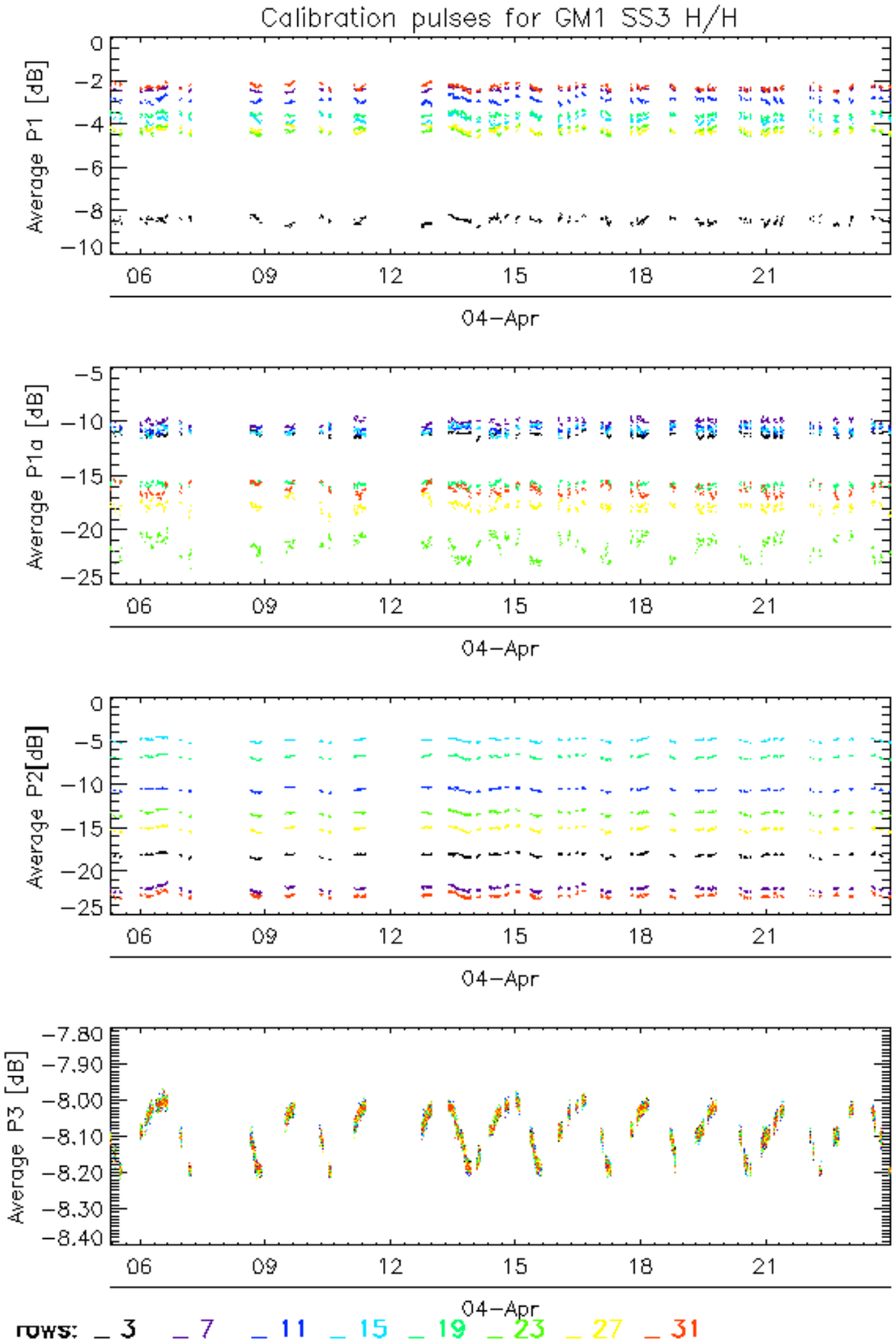
8.2 - Number of Gaps

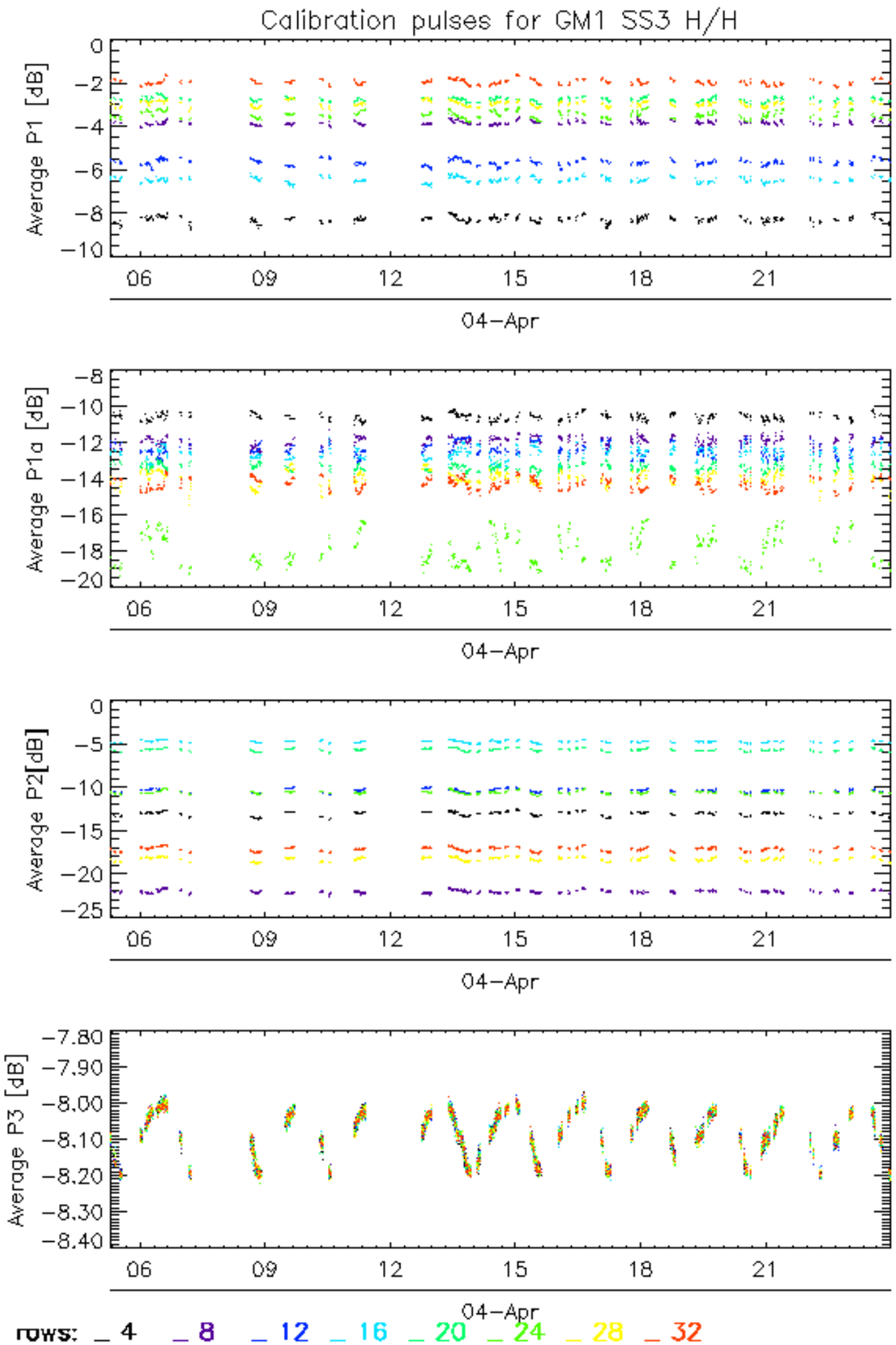
[BACK TO MENU]

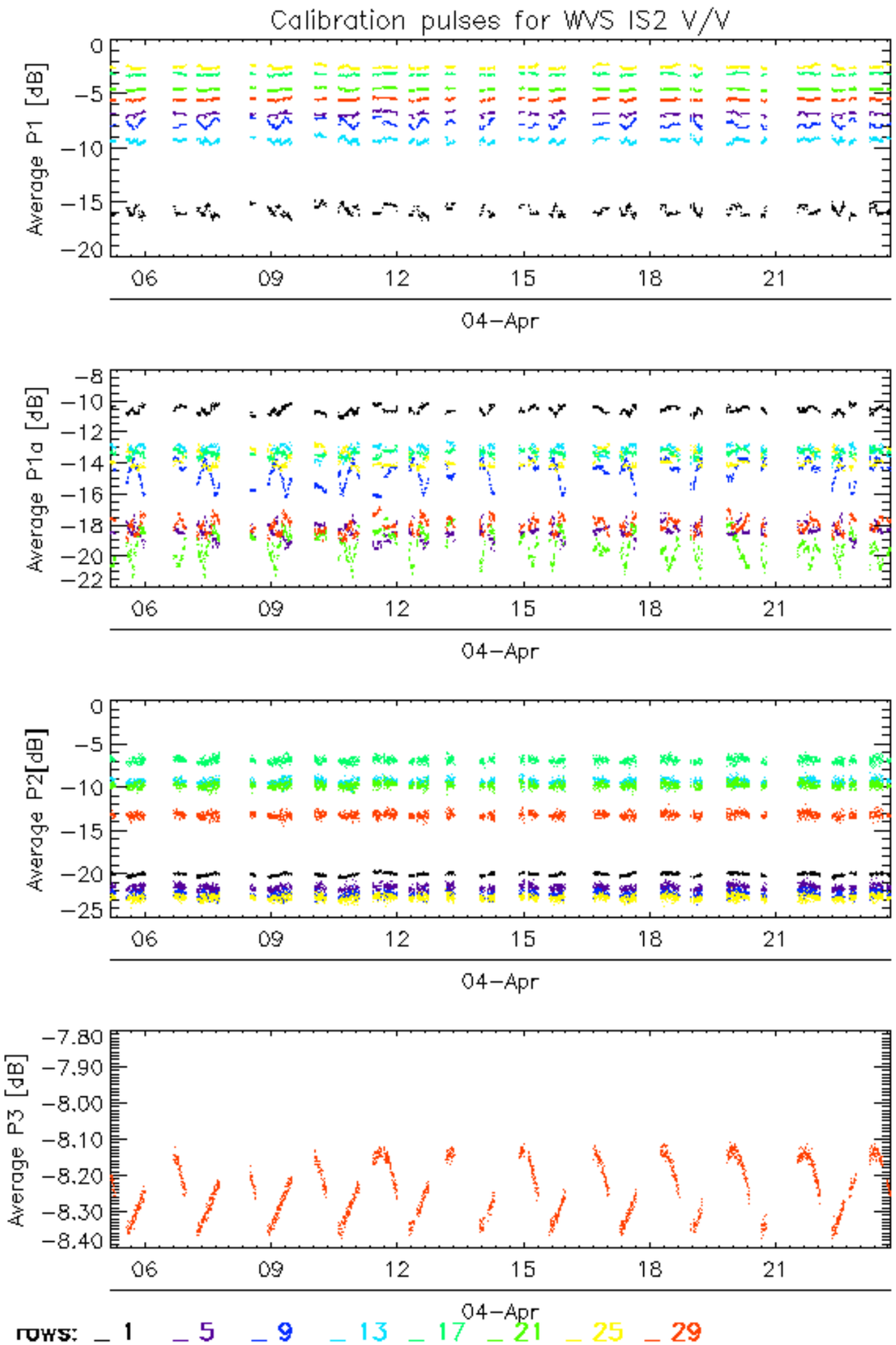


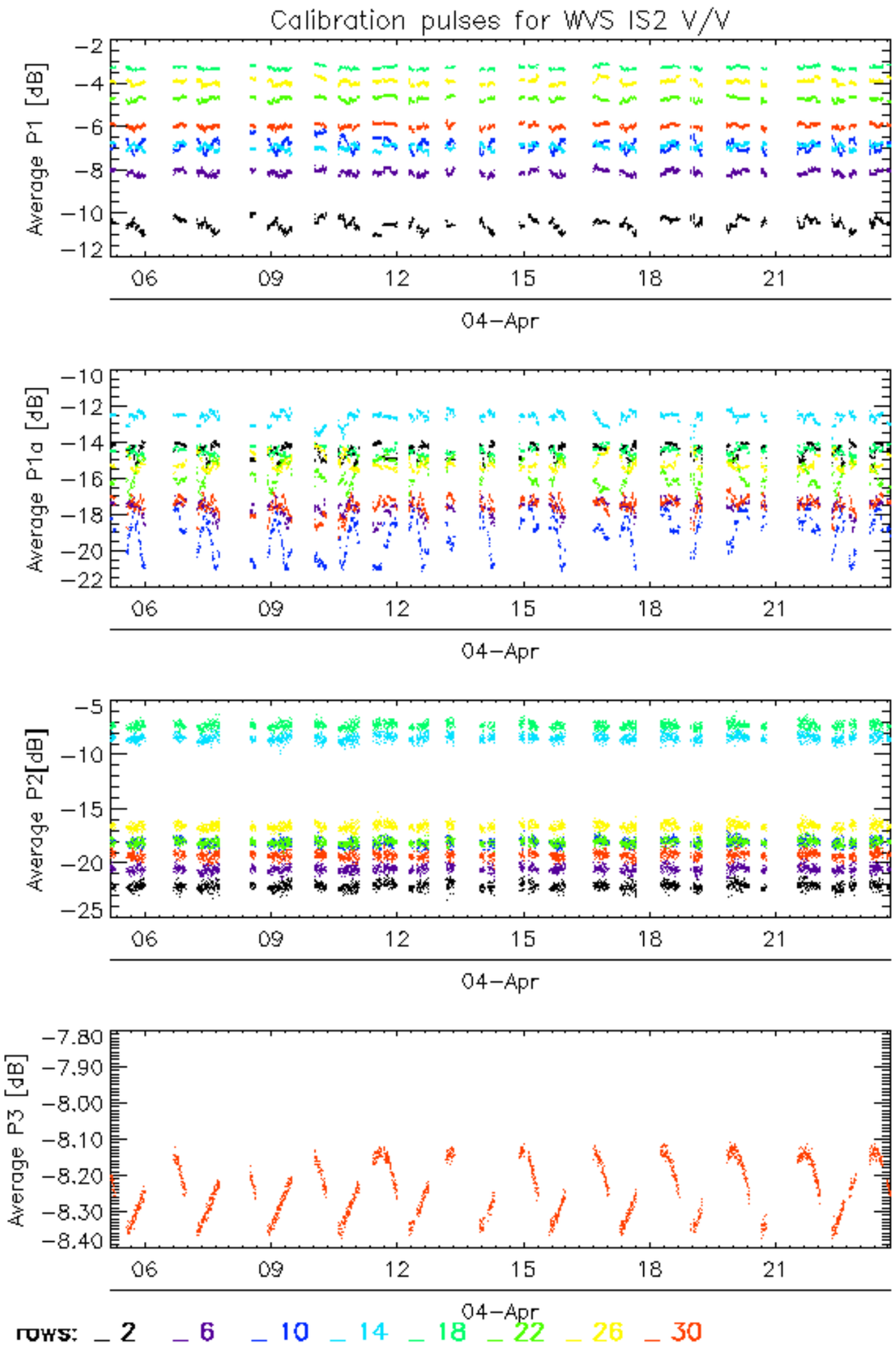

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
−2
−3
−4
−5
−6
−7
−8
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−5
−10
−15
−20
−25
−30
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: 1 5 9 13 17 21 25 29

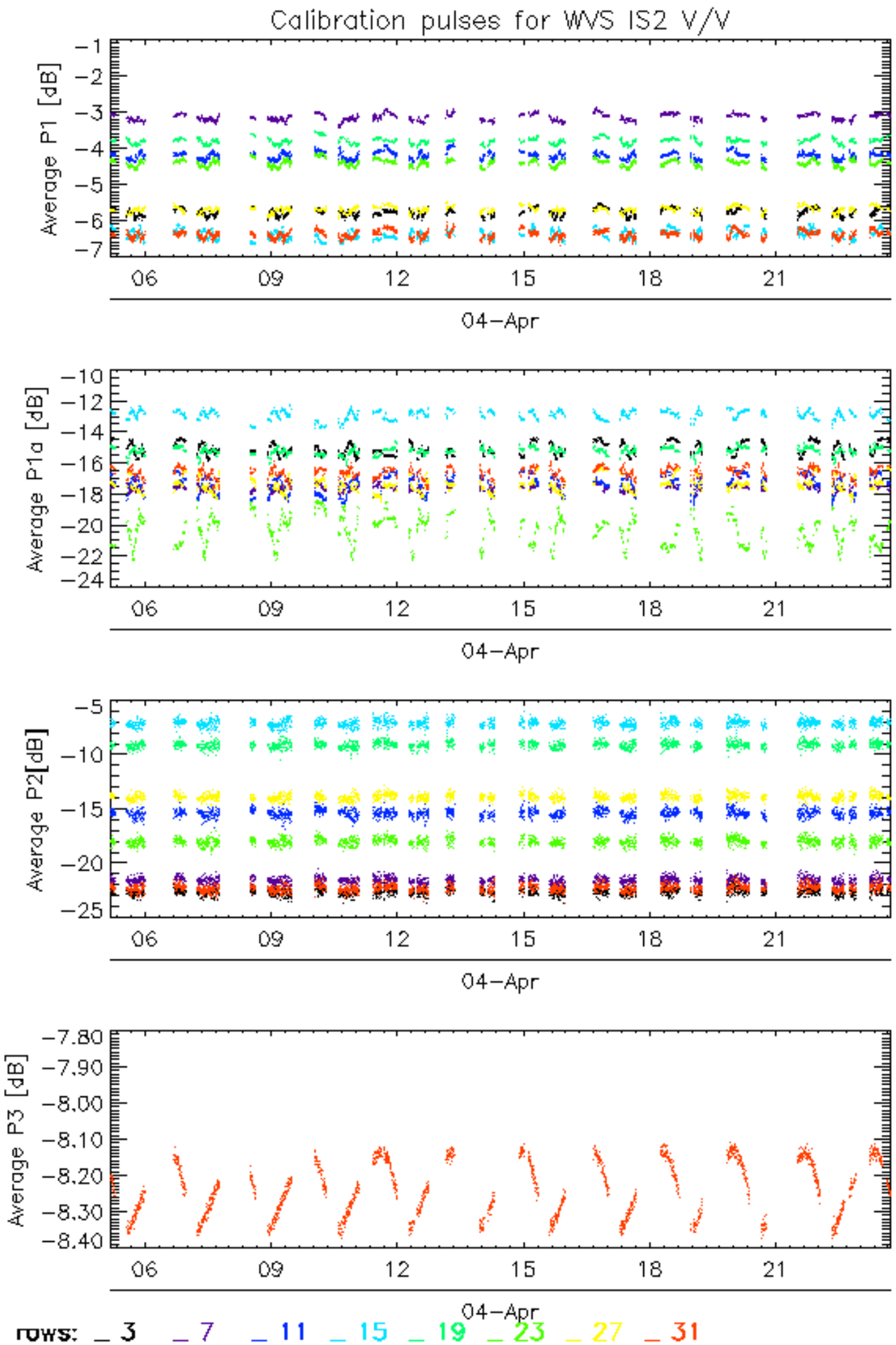

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−10
−15
−20
−25
Average P2[dB]
−5
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

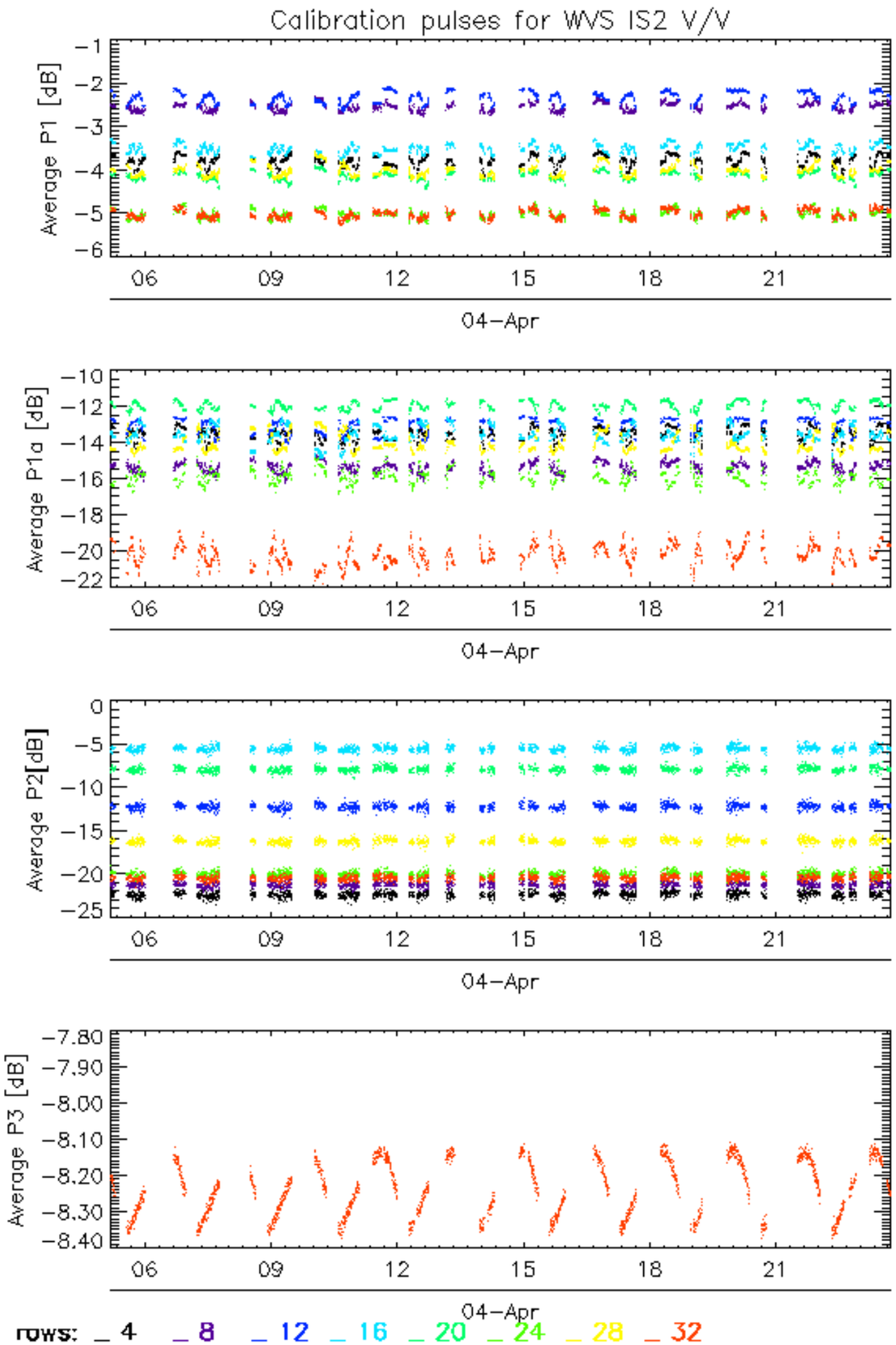

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
−10
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−5
−10
−15
−20
−25
06
09
12
15
18
21
04−Apr
Average P2[dB]
0
−5
−10
−15
−20
−25
06
09
12
15
18
21
04−Apr
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
06
09
12
15
18
21
04−Apr
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

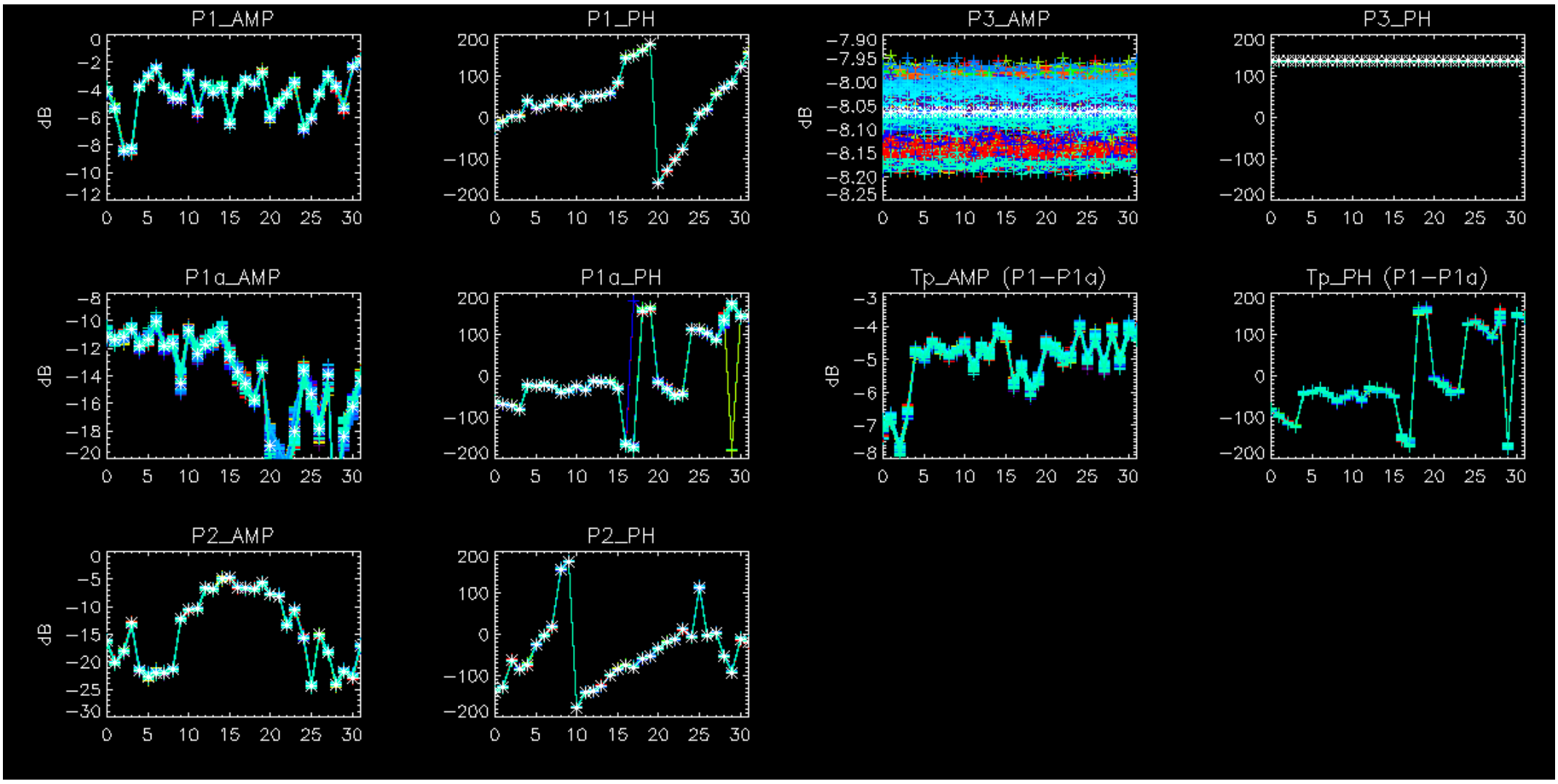

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
−10
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
06
09
12
15
18
21
04−Apr
Average P2[dB]
0
−5
−10
−15
−20
−25
06
09
12
15
18
21
04−Apr
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
06
09
12
15
18
21
04−Apr
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

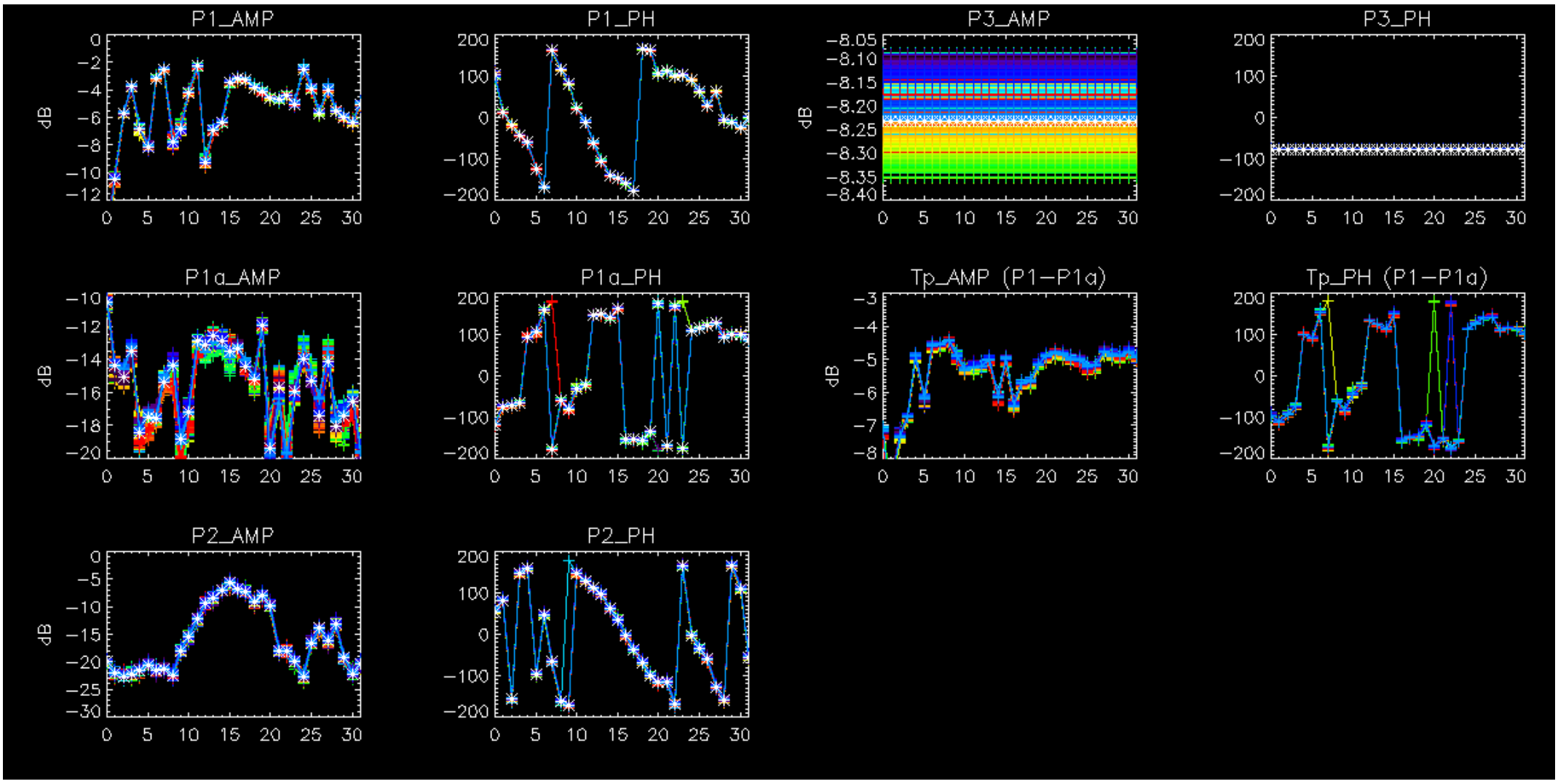

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−5
−10
−15
−20
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−25
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

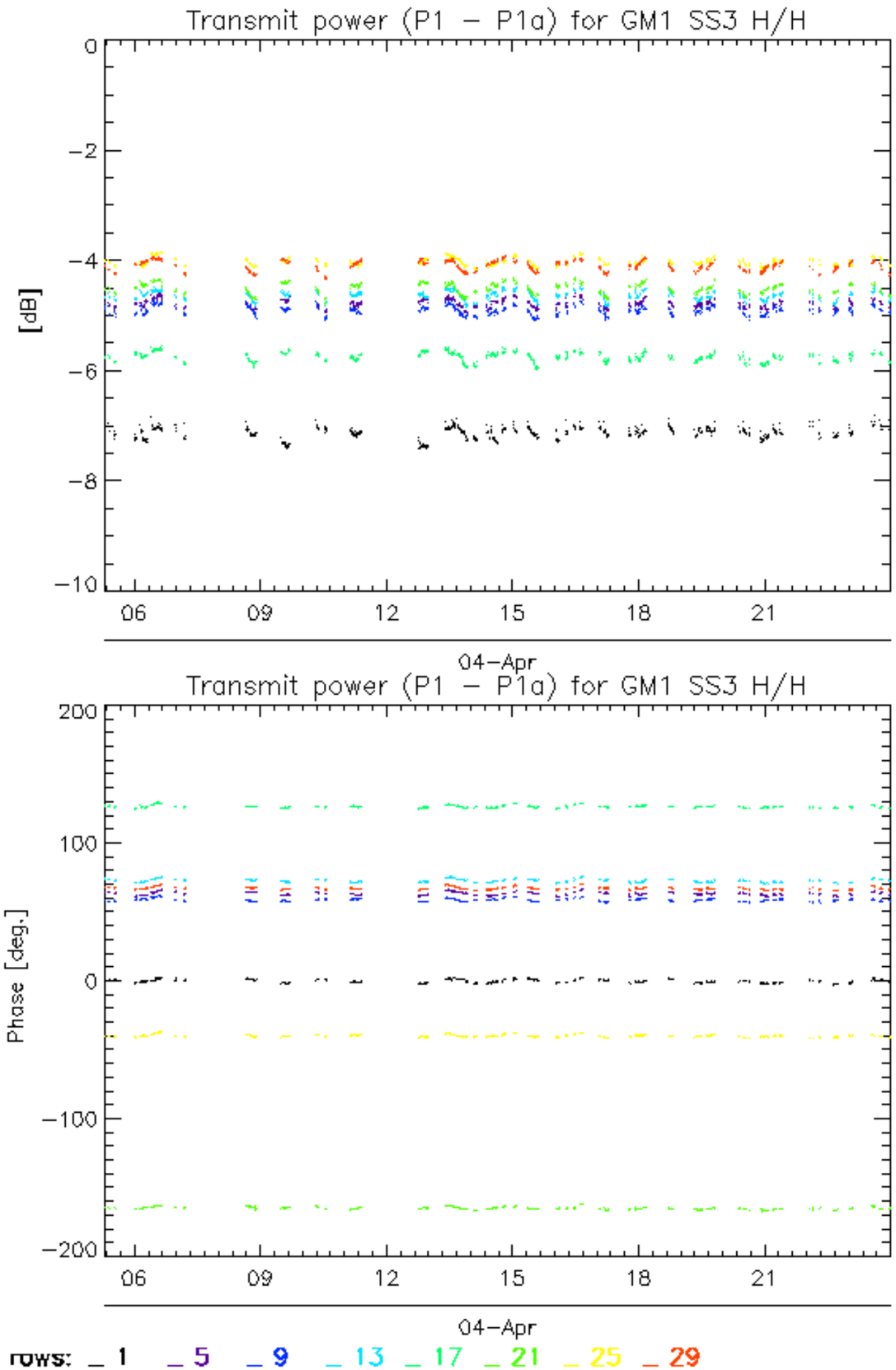

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−2
−4
−6
−8
−10
−12
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−5
−10
−15
−20
−25
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

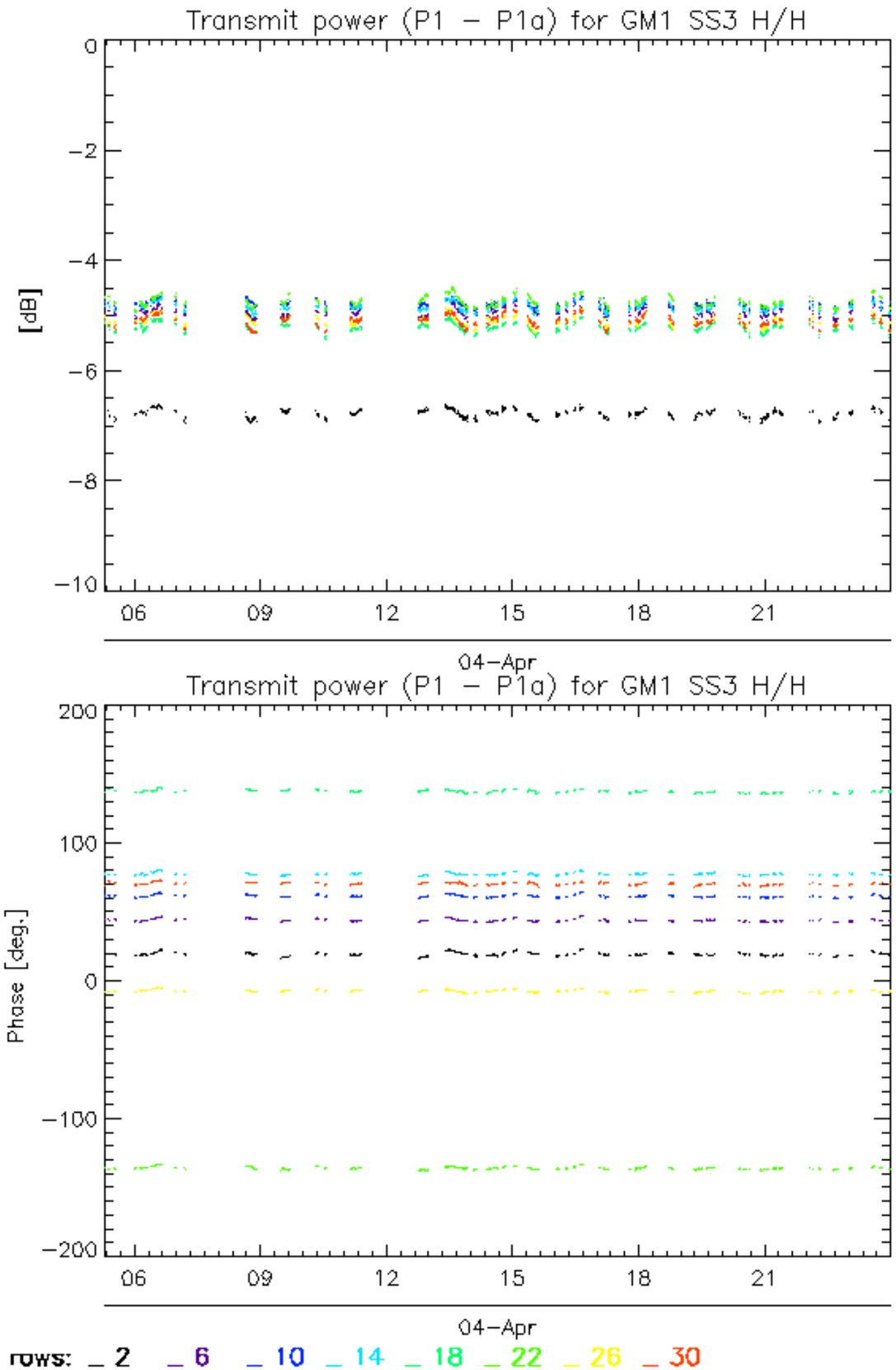

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
−24
06
09
12
15
18
21
04−Apr
Average P2[dB]
−5
−10
−15
−20
−25
06
09
12
15
18
21
04−Apr
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
06
09
12
15
18
21
04−Apr
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

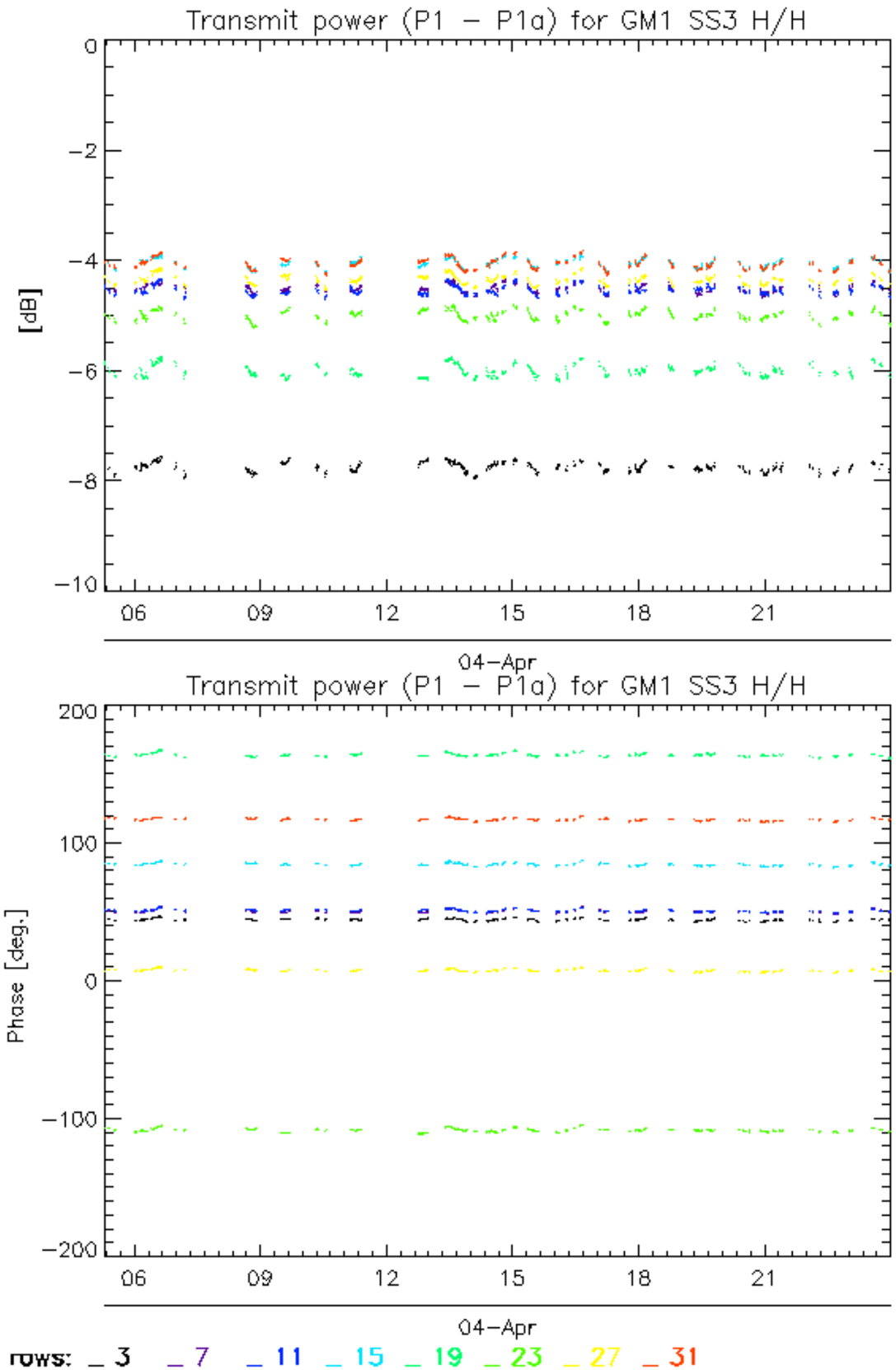

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−1
−2
−3
−4
−5
−6
06
09
12
15
18
21
04−Apr
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
06
09
12
15
18
21
04−Apr
Average P2[dB]
0
−5
−10
−15
−20
−25
06
09
12
15
18
21
04−Apr
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
06
09
12
15
18
21
04−Apr
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

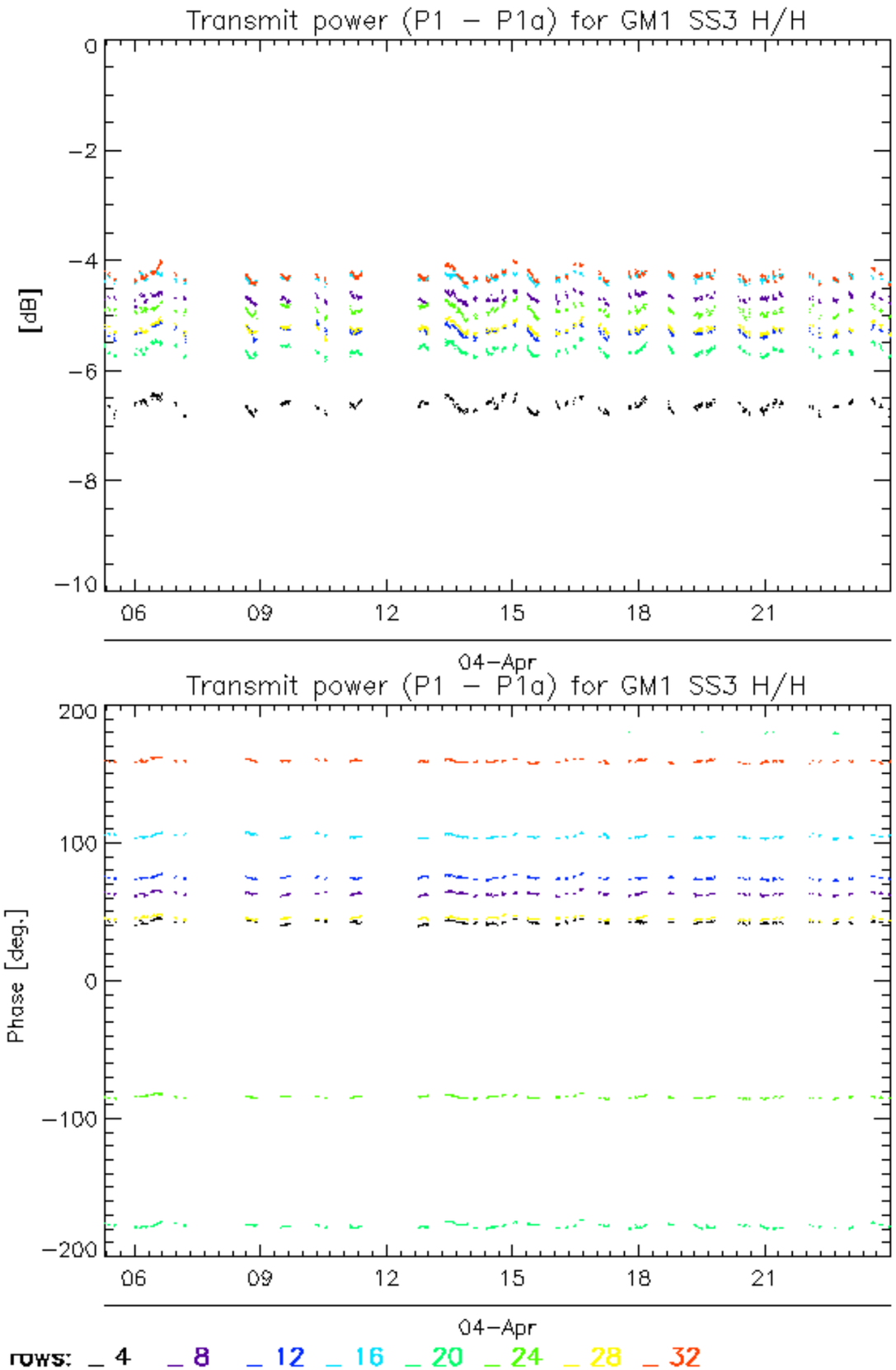

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

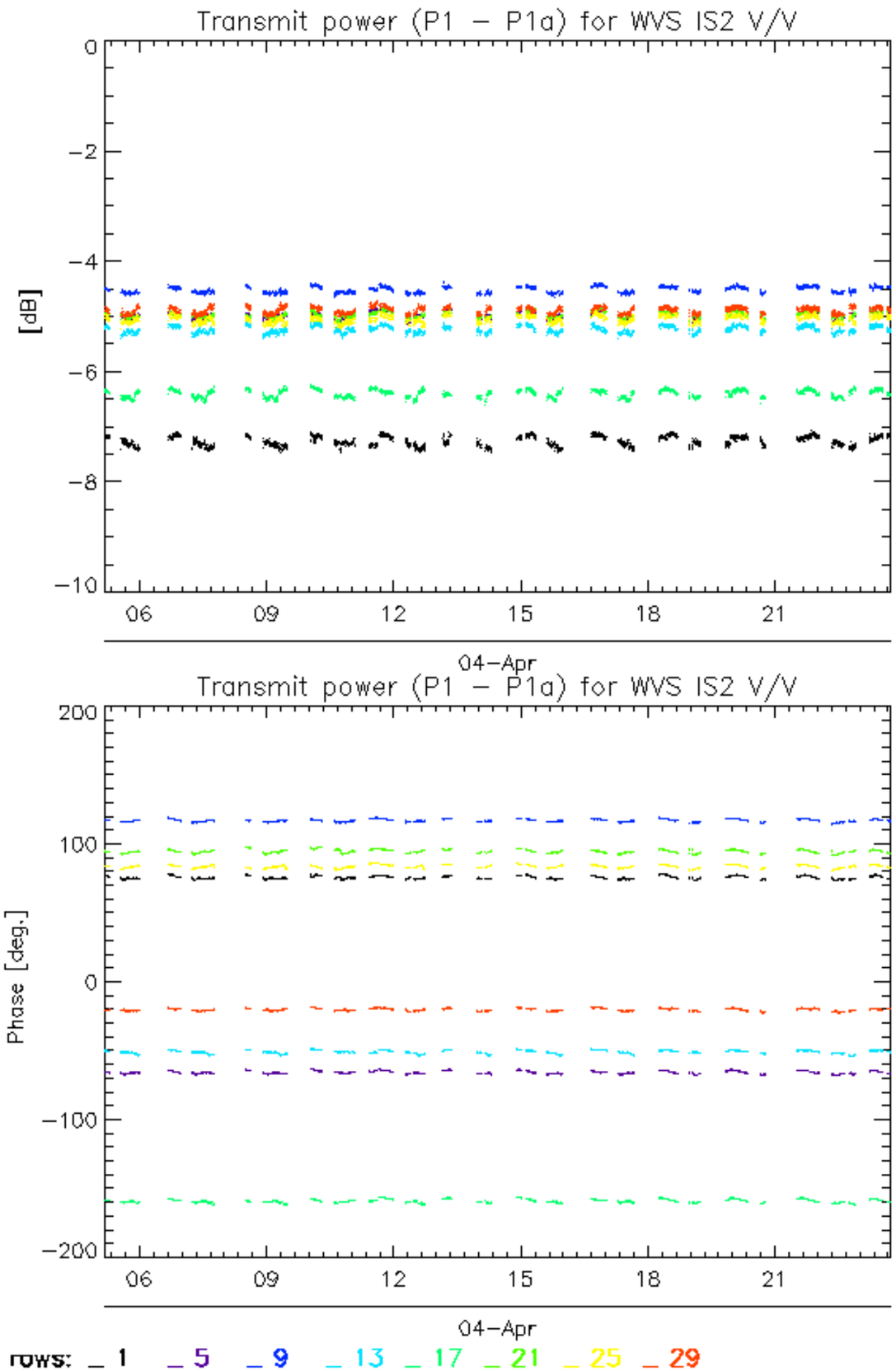

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

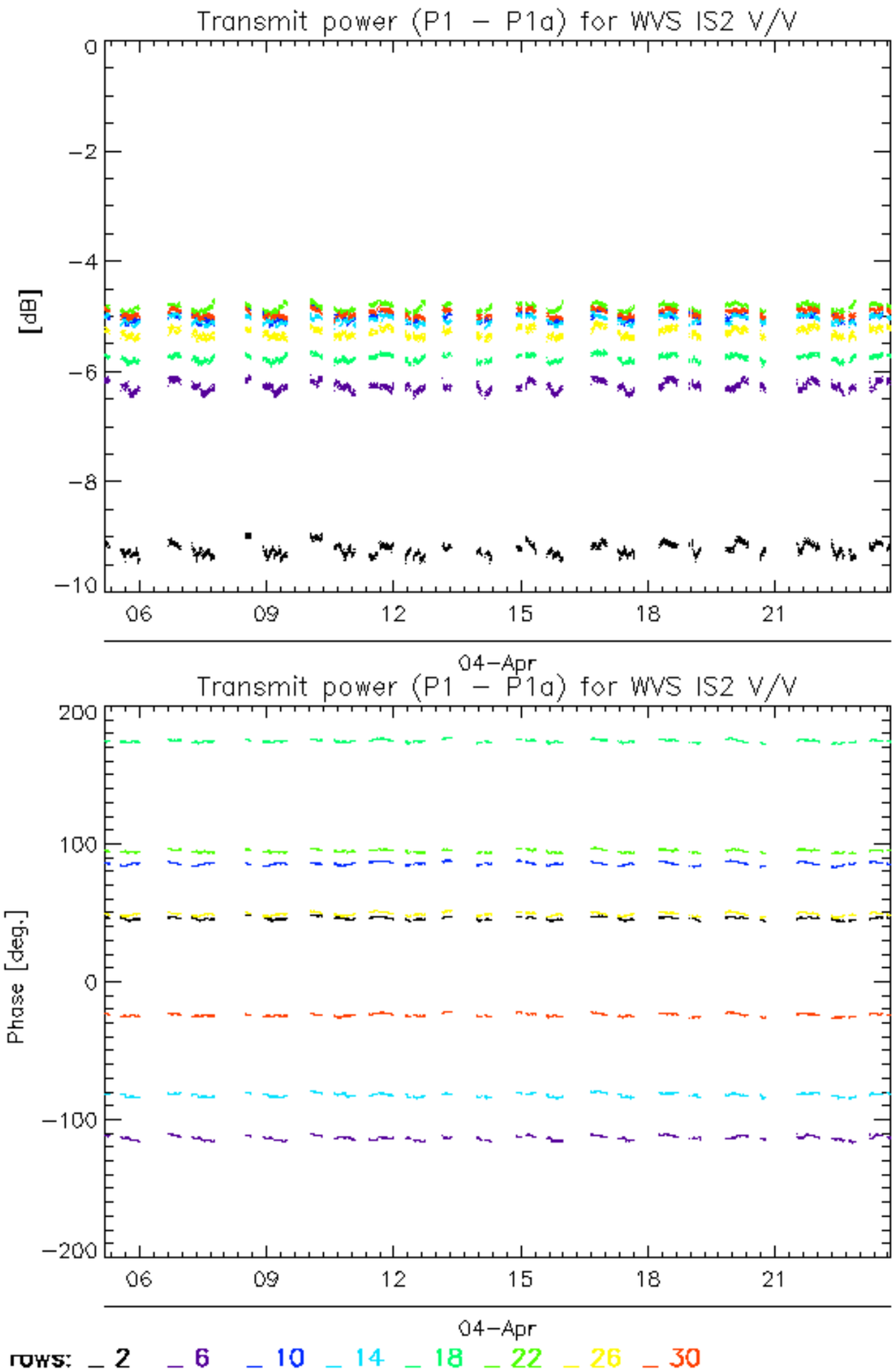

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04–Apr
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04–Apr
rows: 1 5 9 13 17 21 25 29

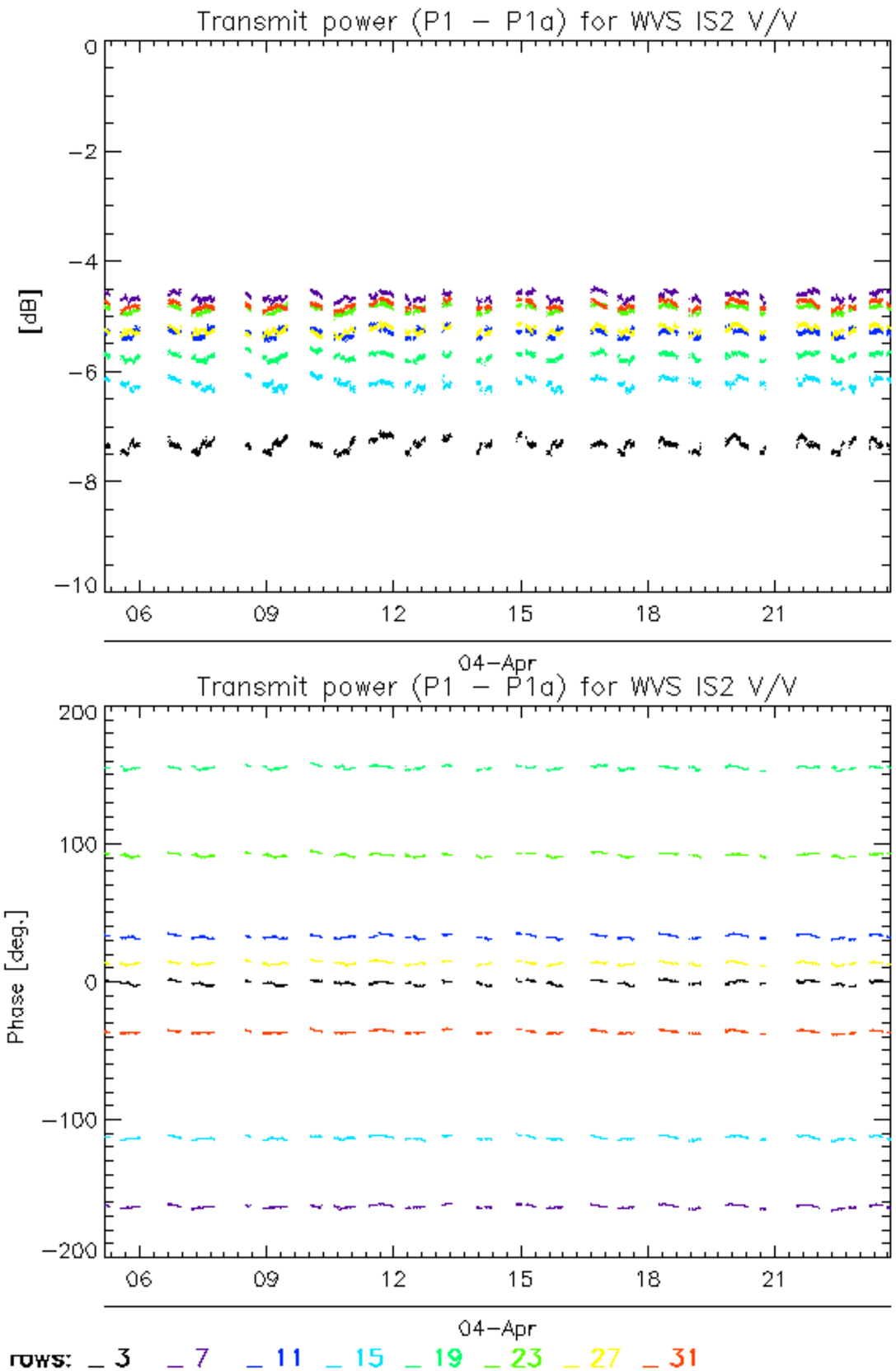

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04–Apr
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04–Apr
rows: 2 6 10 14 18 22 26 30

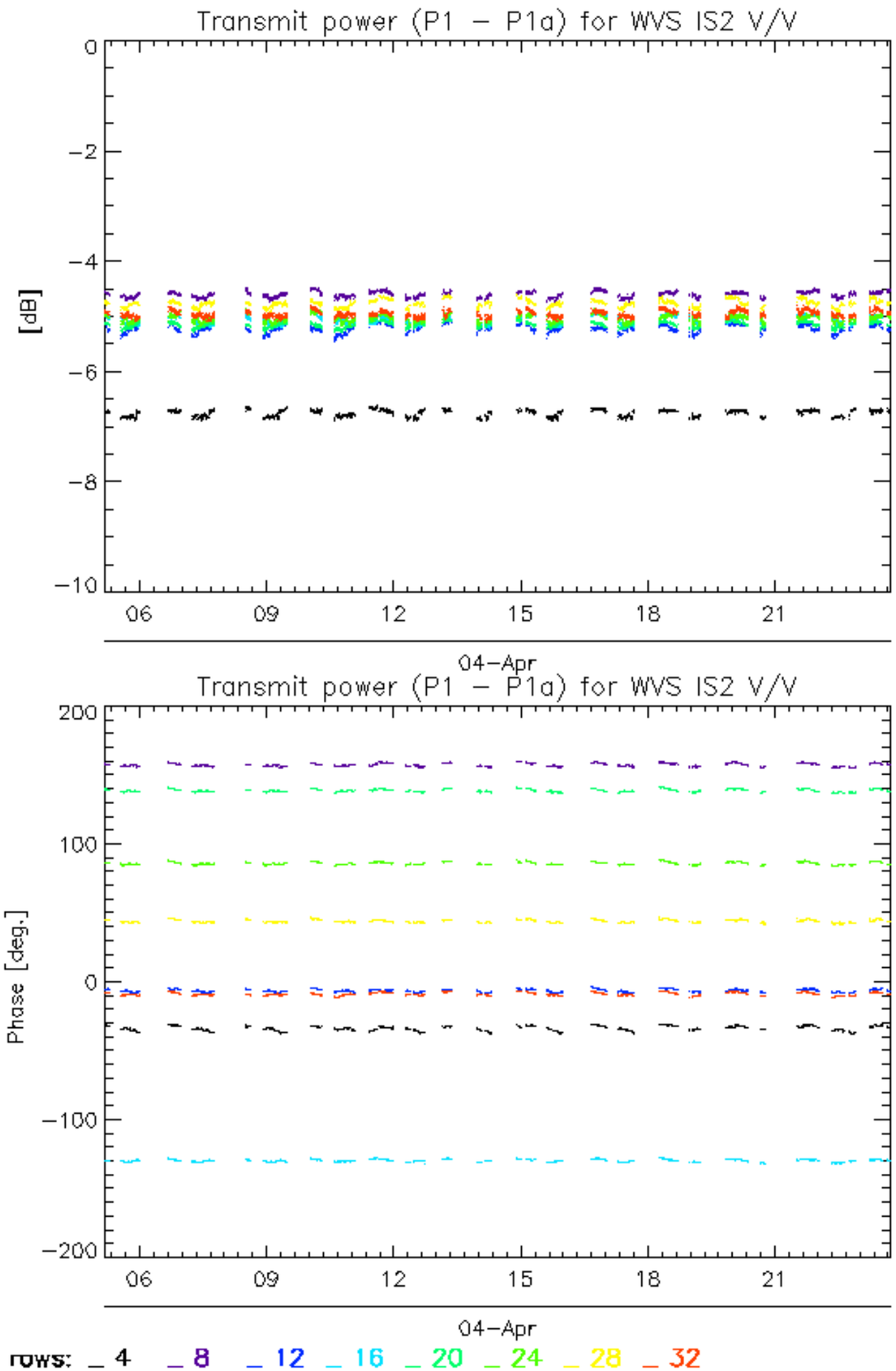

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04−Apr
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04−Apr
rows: 3 7 11 15 19 23 27 31

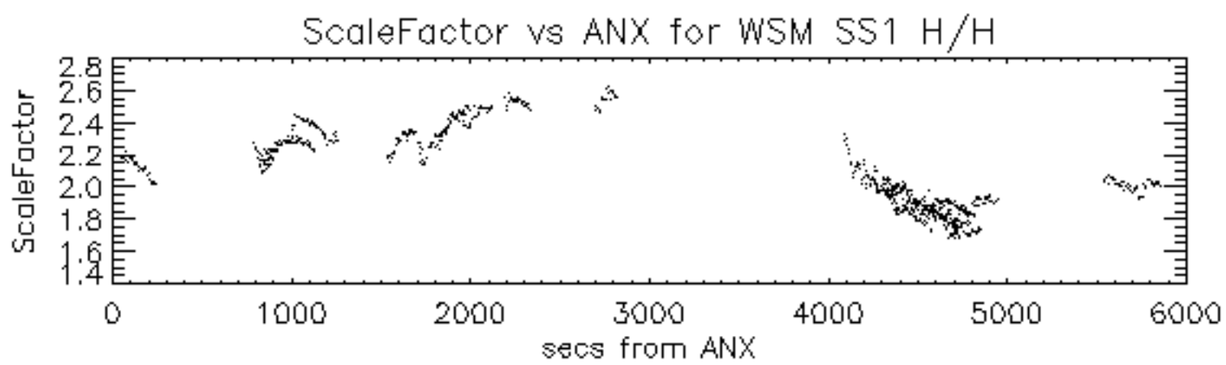

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04–Apr
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04–Apr
rows: 4 8 12 16 20 24 28 32

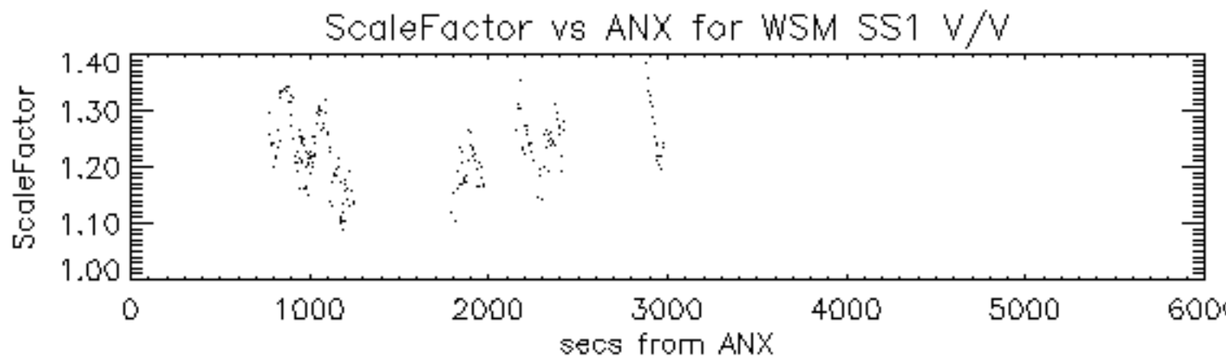

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04−Apr
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04−Apr
rows: 1 5 9 13 17 21 25 29

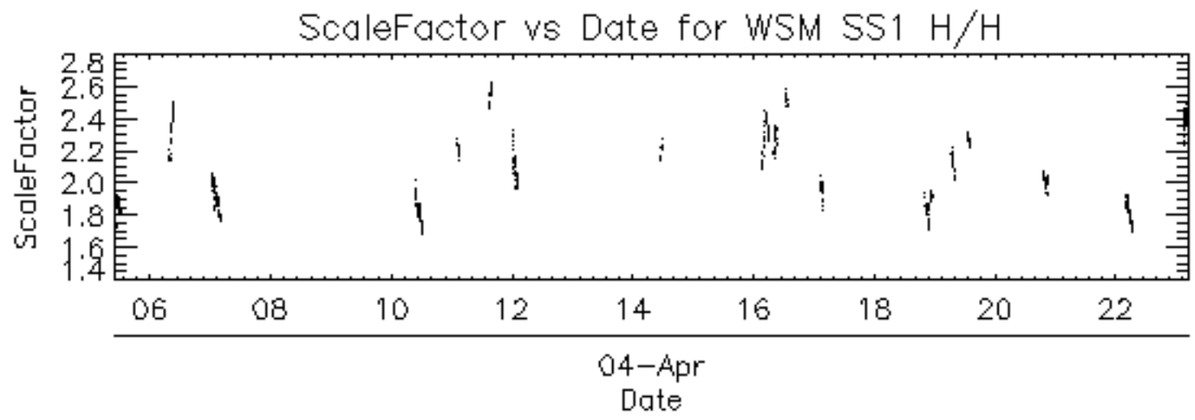

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04−Apr
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04−Apr
rows: 2 6 10 14 18 22 26 30

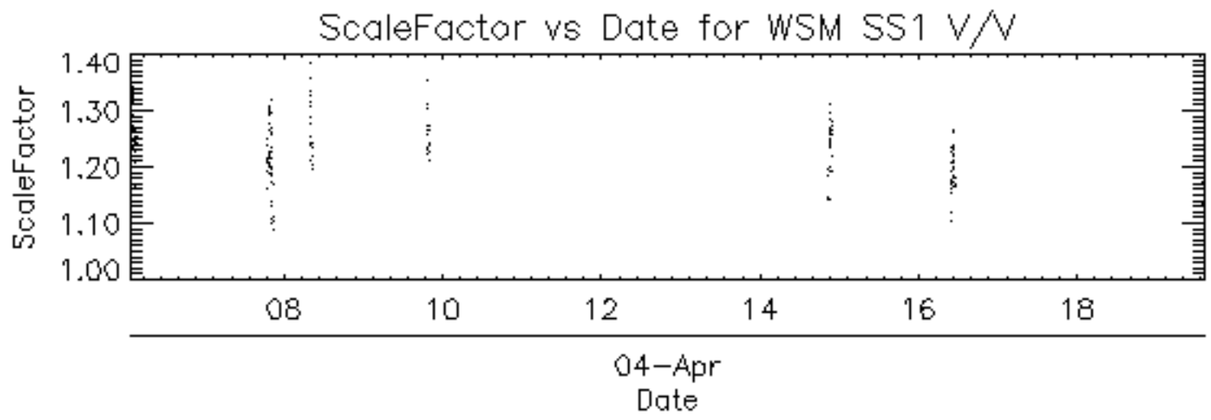

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04−Apr
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04−Apr
rows: 3 7 11 15 19 23 27 31


Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
06
09
12
15
18
21
04−Apr
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
06
09
12
15
18
21
04−Apr
rows: 4 8 12 16 20 24 28 32


ScaleFactor vs ANX for WSM SS1 H/H
ScaleFactor
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs ANX for WSM SS1 V/V
ScaleFactor
1.40
1.30
1.20
1.10
1.00
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs Date for WSM SS1 H/H
ScaleFactor
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
06
08
10
12
14
16
18
20
22
04-Apr
Date


ScaleFactor vs Date for WSM SS1 V/V
ScaleFactor
1.40
1.30
1.20
1.10
1.00
08
10
12
14
16
18
04-Apr
Date

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_APM_1PNPDE20070404_081817_000000442057_00021_26628_8739.N1	IS4	H/V	57	26628	21	4.04
ASA_APM_1PNPDE20070404_142112_000000852057_00025_26632_8873.N1	IS6	H/H	57	26632	25	4.04
ASA_APM_1PNPDE20070404_145050_000000452057_00025_26632_8843.N1	IS2	H/H	57	26632	25	4.04
ASA_APM_1PNPDE20070404_163431_000000422057_00026_26633_8895.N1	IS2	H/H	57	26633	26	4.04
ASA_APM_1PNPDK20070404_193836_000000422057_00028_26635_6805.N1	IS4	V/H	57	26635	28	4.04
ASA_APM_1PNPDE20070404_194609_000000562057_00028_26635_8960.N1	IS4	H/H	57	26635	28	4.04
ASA_APM_1PNPDK20070404_210959_000000422057_00029_26636_6919.N1	IS3	H/H	57	26636	29	4.04

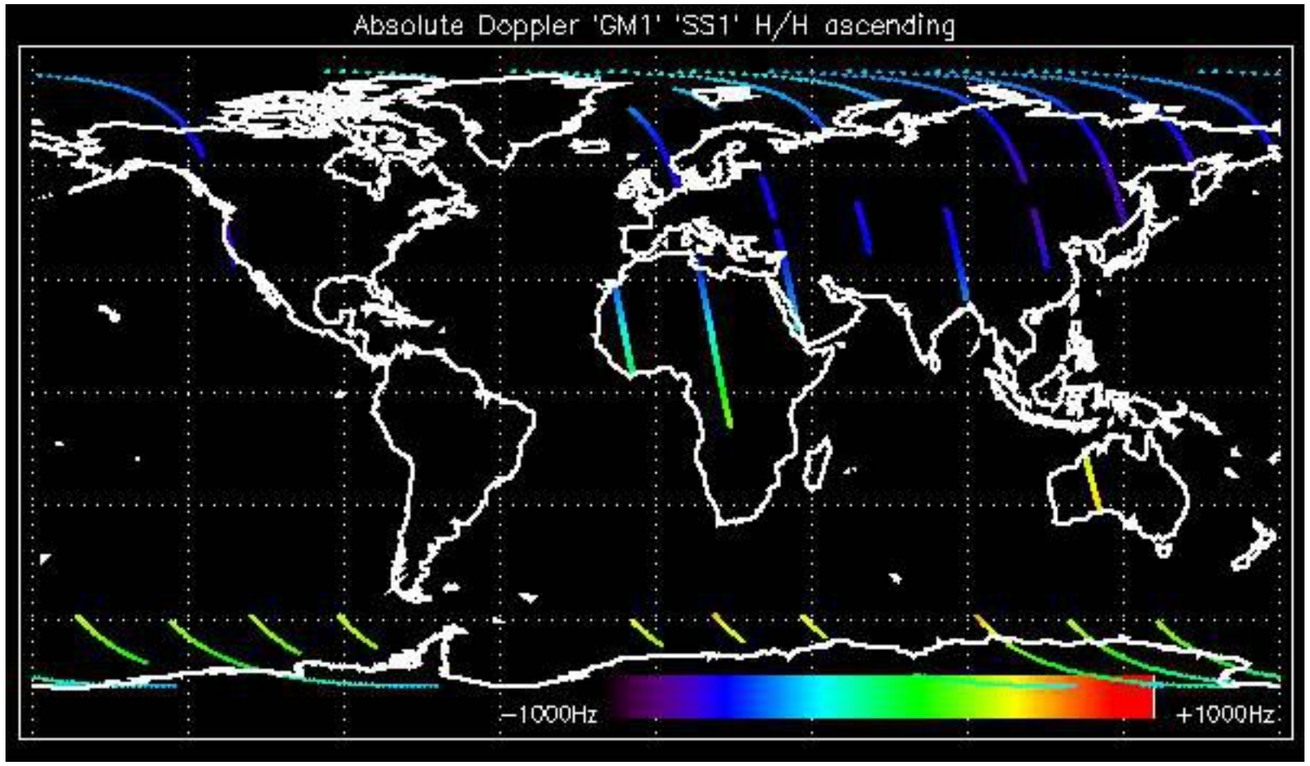
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_GM1_1PNPDE20070404_051750_000000842057_00019_26626_8600.N1	SS1	H/H	57	26626	19	4.04
ASA_GM1_1PNPDE20070404_052309_000001022057_00019_26626_8602.N1	SS1	H/H	57	26626	19	4.04
ASA_GM1_1PNPDE20070404_053104_000001632057_00019_26626_8606.N1	SS1	H/H	57	26626	19	4.04
ASA_GM1_1PNPDE20070404_060014_000001992057_00020_26627_8604.N1	SS1	H/H	57	26627	20	4.04
ASA_GM1_1PNPDE20070404_060829_000006462057_00020_26627_8629.N1	SS1	H/H	57	26627	20	4.04
ASA_GM1_1PNPDE20070404_062431_000009912057_00020_26627_8694.N1	SS1	H/H	57	26627	20	4.04
ASA_GM1_1PNPDK20070404_065826_000001382057_00020_26627_5731.N1	SS1	H/H	57	26627	20	4.04
ASA_GM1_1PNPDK20070404_071107_000001932057_00020_26627_5749.N1	SS1	H/H	57	26627	20	4.04
ASA_GM1_1PNPDK20070404_083902_000009242057_00021_26628_5854.N1	SS1	H/H	57	26628	21	4.04
ASA_GM1_1PNPDK20070404_092944_000007432057_00022_26629_5958.N1	SS1	H/H	57	26629	22	4.04
ASA_GM1_1PNPDK20070404_101938_000002472057_00022_26629_5995.N1	SS1	H/H	57	26629	22	4.04
ASA_GM1_1PNPDK20070404_103124_000002472057_00022_26629_6003.N1	SS1	H/H	57	26629	22	4.04
ASA_GM1_1PNPDK20070404_110840_000007372057_00023_26630_6073.N1	SS1	H/H	57	26630	23	4.04
ASA_GM1_1PNPDK20070404_112019_000002832057_00023_26630_6212.N1	SS1	H/H	57	26630	23	4.04
ASA_GM1_1PNPDK20070404_124540_000008942057_00024_26631_6292.N1	SS1	H/H	57	26631	24	4.04
ASA_GM1_1PNPDK20070404_132348_000005552057_00024_26631_6336.N1	SS1	H/H	57	26631	24	4.04
ASA_GM1_1PNPDK20070404_133314_000003682057_00024_26631_6338.N1	SS1	H/H	57	26631	24	4.04
ASA_GM1_1PNPDK20070404_134050_000009242057_00024_26631_6340.N1	SS1	H/H	57	26631	24	4.04
ASA_GM1_1PNPDK20070404_140440_000002892057_00024_26631_6350.N1	SS1	H/H	57	26631	24	4.04
ASA_GM1_1PNPDK20070404_142304_000002592057_00025_26632_6348.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_142931_000005012057_00025_26632_6355.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_143646_000001872057_00025_26632_6449.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_144437_000003682057_00025_26632_6451.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_150134_000002892057_00025_26632_6459.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_152126_000009242057_00025_26632_6464.N1	SS1	H/H	57	26632	25	4.04
ASA_GM1_1PNPDK20070404_160113_000004102057_00026_26633_6466.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_161550_000000722057_00026_26633_6471.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_161559_000002292057_00026_26633_6580.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_162748_000001812057_00026_26633_6582.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_163539_000002712057_00026_26633_6590.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_170318_000001632057_00026_26633_6592.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_170947_000004892057_00026_26633_6602.N1	SS1	H/H	57	26633	26	4.04
ASA_GM1_1PNPDK20070404_174519_000002292057_00027_26634_6607.N1	SS1	H/H	57	26634	27	4.04
ASA_GM1_1PNPDK20070404_175421_000005612057_00027_26634_6705.N1	SS1	H/H	57	26634	27	4.04
ASA_GM1_1PNPDK20070404_180439_000003862057_00027_26634_6707.N1	SS1	H/H	57	26634	27	4.04
ASA_GM1_1PNPDK20070404_184238_000004652057_00027_26634_6715.N1	SS1	H/H	57	26634	27	4.04
ASA_GM1_1PNPDK20070404_192009_000004472057_00028_26635_6717.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_192828_000001752057_00028_26635_6722.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_193019_000000842057_00028_26635_6827.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_193651_000001022057_00028_26635_6825.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_193944_000003862057_00028_26635_6829.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_194732_000001202057_00028_26635_6831.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_202314_000001812057_00028_26635_6875.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_202853_000002892057_00028_26635_6877.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_203721_000001082057_00028_26635_6879.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_205338_000007492057_00028_26635_6884.N1	SS1	H/H	57	26635	28	4.04
ASA_GM1_1PNPDK20070404_211107_000002112057_00029_26636_6889.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_211335_000002352057_00029_26636_8998.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_212110_000002892057_00029_26636_9002.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_220349_000000962057_00029_26636_9000.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_220801_000000962057_00029_26636_9004.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_221735_000001322057_00029_26636_9014.N1	SS1	H/H	57	26636	29	4.04
ASA_GM1_1PNPDE20070404_223803_000004222057_00030_26637_9125.N1	SS1	H/H	57	26637	30	4.04
ASA_GM1_1PNPDE20070404_230050_000003622057_00030_26637_9130.N1	SS1	H/H	57	26637	30	4.04
ASA_GM1_1PNPDE20070404_233309_000002112057_00030_26637_9134.N1	SS1	H/H	57	26637	30	4.04
ASA_GM1_1PNPDE20070404_233649_000000962057_00030_26637_9132.N1	SS1	H/H	57	26637	30	4.04
ASA_GM1_1PNPDE20070404_234425_000002172057_00030_26637_9139.N1	SS1	H/H	57	26637	30	4.04
ASA_GM1_1PNPDE20070404_235750_000001502057_00030_26637_9144.N1	SS1	H/H	57	26637	30	4.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20070404_044727_000004322057_00019_26626_8566.N1	IS2	V/V	57	26626	19	4.04					
ASA_IMM_1PNPDE20070404_081448_000000682057_00021_26628_8741.N1	IS2	V/V	57	26628	21	4.04					
ASA_IMM_1PNPDK20070404_094208_000000812057_00022_26629_5856.N1	IS2	V/V	57	26629	22	4.04					
ASA_IMM_1PNPDE20070404_104133_000000362057_00022_26629_8771.N1	IS2	V/V	57	26629	22	4.04					
ASA_IMM_1PNPDK20070404_130037_000002862057_00024_26631_6323.N1	IS2	H/H	57	26631	24	4.04					
ASA_IMM_1PNPDE20070404_132155_000000942057_00024_26631_8857.N1	IS4	V/V	57	26631	24	4.04					
ASA_IMM_1PNPDE20070404_141922_000000802057_00025_26632_8859.N1	IS2	V/V	57	26632	25	4.04					
ASA_IMM_1PNPDE20070404_155935_000000812057_00026_26633_8871.N1	IS6	V/V	57	26633	26	4.04					
ASA_IMM_1PNPDE20070404_180345_000000362057_00027_26634_8921.N1	IS1	H/H	57	26634	27	4.04					
ASA_IMM_1PNPDE20070404_181227_000001422057_00027_26634_8941.N1	IS2	V/V	57	26634	27	4.04					
ASA_IMM_1PNPDE20070404_192736_000000352057_00028_26635_8939.N1	IS7	V/V	57	26635	28	4.04					

Filename	Pol	Timestamp	count(Module)
ASA_MS__0PNPDK20070404_170154_000000162057_00026_26633_0257.N1	V	2007-04-04 17:01:54	320

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_WSM_1PNPDE20070404_052501_000003532057_00019_26626_8696.N1	SS1	H/H	57	26626	19	4.04
ASA_WSM_1PNPDE20070404_060346_000002732057_00020_26627_8725.N1	SS1	V/V	57	26627	20	4.04
ASA_WSM_1PNPDK20070404_061928_000002912057_00020_26627_5666.N1	SS1	H/H	57	26627	20	4.04
ASA_WSM_1PNPDE20070404_070053_000003242057_00020_26627_8731.N1	SS1	H/H	57	26627	20	4.04
ASA_WSM_1PNPDK20070404_070653_000002442057_00020_26627_5831.N1	SS1	H/H	57	26627	20	4.04
ASA_WSM_1PNPDK20070404_074700_000002852057_00021_26628_5836.N1	SS1	V/V	57	26628	21	4.04
ASA_WSM_1PNPDE20070404_081930_000001092057_00021_26628_8743.N1	SS1	V/V	57	26628	21	4.04
ASA_WSM_1PNPDK20070404_094802_000001102057_00022_26629_5964.N1	SS1	V/V	57	26629	22	4.04
ASA_WSM_1PNPDE20070404_102354_000002872057_00022_26629_8769.N1	SS1	H/H	57	26629	22	4.04
ASA_WSM_1PNPDE20070404_102809_000001832057_00022_26629_8797.N1	SS1	H/H	57	26629	22	4.04
ASA_WSM_1PNPDE20070404_102916_000001152057_00022_26629_8789.N1	SS1	H/H	57	26629	22	4.04
ASA_WSM_1PNPDE20070404_110549_000001532057_00023_26630_8795.N1	SS1	H/H	57	26630	23	4.04
ASA_WSM_1PNPDE20070404_113735_000001282057_00023_26630_8811.N1	SS1	H/H	57	26630	23	4.04
ASA_WSM_1PNPDE20070404_120049_000003242057_00023_26630_8813.N1	SS1	H/H	57	26630	23	4.04
ASA_WSM_1PNPDE20070404_142737_000001032057_00025_26632_8887.N1	SS1	H/H	57	26632	25	4.04
ASA_WSM_1PNPDE20070404_145149_000001582057_00025_26632_8885.N1	SS1	V/V	57	26632	25	4.04
ASA_WSM_1PNPDE20070404_160814_000002632057_00026_26633_8889.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDK20070404_161210_000002072057_00026_26633_6563.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDK20070404_162001_000001592057_00026_26633_6561.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDE20070404_162154_000000982057_00026_26633_8923.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDE20070404_162423_000001842057_00026_26633_8929.N1	SS1	V/V	57	26633	26	4.04
ASA_WSM_1PNPDE20070404_163100_000001532057_00026_26633_8931.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDE20070404_170613_000002022057_00026_26633_8927.N1	SS1	H/H	57	26633	26	4.04
ASA_WSM_1PNPDE20070404_185031_000004282057_00027_26634_8957.N1	SS1	H/H	57	26634	27	4.04
ASA_WSM_1PNPDE20070404_191632_000002072057_00028_26635_9085.N1	SS1	H/H	57	26635	28	4.04
ASA_WSM_1PNPDK20070404_193156_000001712057_00028_26635_6812.N1	SS1	H/H	57	26635	28	4.04
ASA_WSM_1PNPDK20070404_193516_000000862057_00028_26635_6810.N1	SS1	V/V	57	26635	28	4.04
ASA_WSM_1PNPDE20070404_204754_000003362057_00028_26635_8996.N1	SS1	H/H	57	26635	28	4.04
ASA_WSM_1PNPDE20070404_220950_000004522057_00029_26636_9154.N1	SS1	H/H	57	26636	29	4.04
ASA_WSM_1PNPDE20070404_230701_000003302057_00030_26637_9188.N1	SS1	H/H	57	26637	30	4.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_WVS_1PNPDE20070404_051042_000003752057_00019_26626_8609.N1	IS2	V/V	57	26626	19	4.04
ASA_WVS_1PNPDE20070404_053349_000015292057_00019_26626_8692.N1	IS2	V/V	57	26626	19	4.04
ASA_WVS_1PNPDE20070404_064104_000006602057_00020_26627_8627.N1	IS2	V/V	57	26627	20	4.04
ASA_WVS_1PNPDK20070404_065134_000003602057_00020_26627_5739.N1	IS2	V/V	57	26627	20	4.04
ASA_WVS_1PNPDE20070404_064104_000006602057_00020_26627_8627.N1	IS1	V/V	57	26627	20	4.04
ASA_WVS_1PNPDK20070404_071425_000003142057_00020_26627_5747.N1	IS2	V/V	57	26627	20	4.04
ASA_WVS_1PNPDK20070404_071425_000003142057_00020_26627_5747.N1	IS1	V/V	57	26627	20	4.04
ASA_WVS_1PNPDK20070404_071955_000015742057_00020_26627_5771.N1	IS2	V/V	57	26627	20	4.04
ASA_WVS_1PNPDK20070404_082950_000004952057_00021_26628_5850.N1	IS2	V/V	57	26628	21	4.04
ASA_WVS_1PNPDK20070404_085501_000020392057_00021_26628_5919.N1	IS2	V/V	57	26628	21	4.04
ASA_WVS_1PNPDK20070404_100125_000010492057_00022_26629_5998.N1	IS2	V/V	57	26629	22	4.04
ASA_WVS_1PNPDK20070404_103536_000003152057_00022_26629_6001.N1	IS2	V/V	57	26629	22	4.04
ASA_WVS_1PNPDK20070404_104215_000013642057_00022_26629_6006.N1	IS2	V/V	57	26629	22	4.04
ASA_WVS_1PNPDK20070404_112502_000007042057_00023_26630_6210.N1	IS2	V/V	57	26630	23	4.04
ASA_WVS_1PNPDK20070404_113956_000011692057_00023_26630_6217.N1	IS2	V/V	57	26630	23	4.04
ASA_WVS_1PNPDK20070404_121612_000004202057_00023_26630_6220.N1	IS2	V/V	57	26630	23	4.04
ASA_WVS_1PNPDK20070404_122737_000010292057_00023_26630_6279.N1	IS2	V/V	57	26630	23	4.04
ASA_WVS_1PNPDK20070404_130939_000006892057_00024_26631_6343.N1	IS2	V/V	57	26631	24	4.04
ASA_WVS_1PNPDK20070404_135648_000004202057_00024_26631_6346.N1	IS2	V/V	57	26631	24	4.04
ASA_WVS_1PNPDK20070404_140932_000005542057_00024_26631_6353.N1	IS2	V/V	57	26631	24	4.04
ASA_WVS_1PNPDK20070404_145430_000003742057_00025_26632_6454.N1	IS2	V/V	57	26632	25	4.04
ASA_WVS_1PNPDK20070404_150627_000004642057_00025_26632_6457.N1	IS2	V/V	57	26632	25	4.04
ASA_WVS_1PNPDK20070404_151427_000003752057_00025_26632_6462.N1	IS2	V/V	57	26632	25	4.04
ASA_WVS_1PNPDK20070404_153724_000012892057_00025_26632_6469.N1	IS2	V/V	57	26632	25	4.04
ASA_WVS_1PNPDK20070404_164015_000012592057_00026_26633_6595.N1	IS2	V/V	57	26633	26	4.04
ASA_WVS_1PNPDK20070404_171800_000013792057_00026_26633_6605.N1	IS2	V/V	57	26633	26	4.04
ASA_WVS_1PNPDK20070404_181532_000015742057_00027_26634_6710.N1	IS2	V/V	57	26634	27	4.04
ASA_WVS_1PNPDK20070404_185827_000000452057_00027_26634_6713.N1	IS2	V/V	57	26634	27	4.04
ASA_WVS_1PNPDK20070404_190209_000007642057_00027_26634_6720.N1	IS2	V/V	57	26634	27	4.04
ASA_WVS_1PNPDK20070404_194934_000019642057_00028_26635_6882.N1	IS2	V/V	57	26635	28	4.04
ASA_WVS_1PNPDK20070404_203912_000004052057_00028_26635_6887.N1	IS2	V/V	57	26635	28	4.04
ASA_WVS_1PNPDE20070404_213127_000018892057_00029_26636_9007.N1	IS2	V/V	57	26636	29	4.04
ASA_WVS_1PNPDE20070404_221948_000002552057_00029_26636_9017.N1	IS2	V/V	57	26636	29	4.04
ASA_WVS_1PNPDE20070404_222318_000008392057_00029_26636_9128.N1	IS2	V/V	57	26636	29	4.04
ASA_WVS_1PNPDE20070404_224509_000005392057_00030_26637_9123.N1	IS2	V/V	57	26637	30	4.04
ASA_WVS_1PNPDE20070404_231317_000011392057_00030_26637_9137.N1	IS2	V/V	57	26637	30	4.04
ASA_WVS_1PNPDE20070404_233829_000003002057_00030_26637_9142.N1	IS2	V/V	57	26637	30	4.04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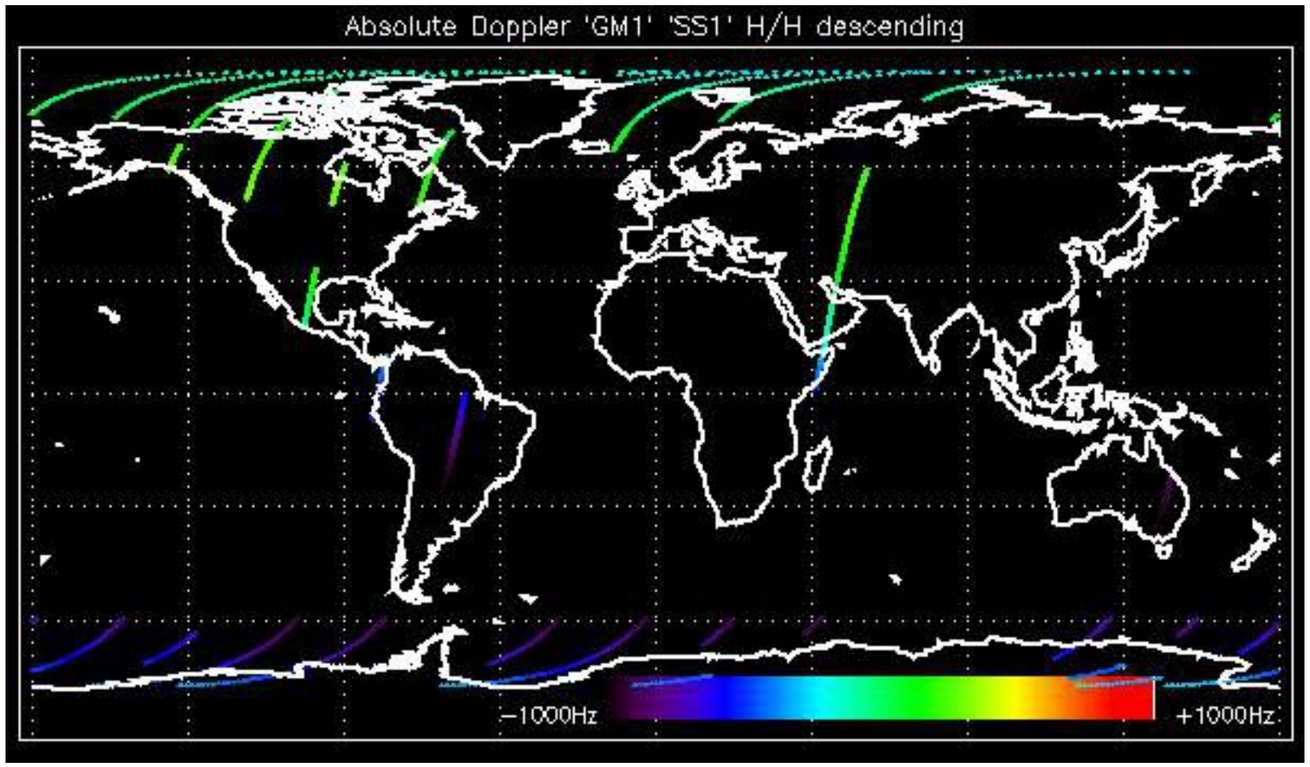
−1000Hz
+1000Hz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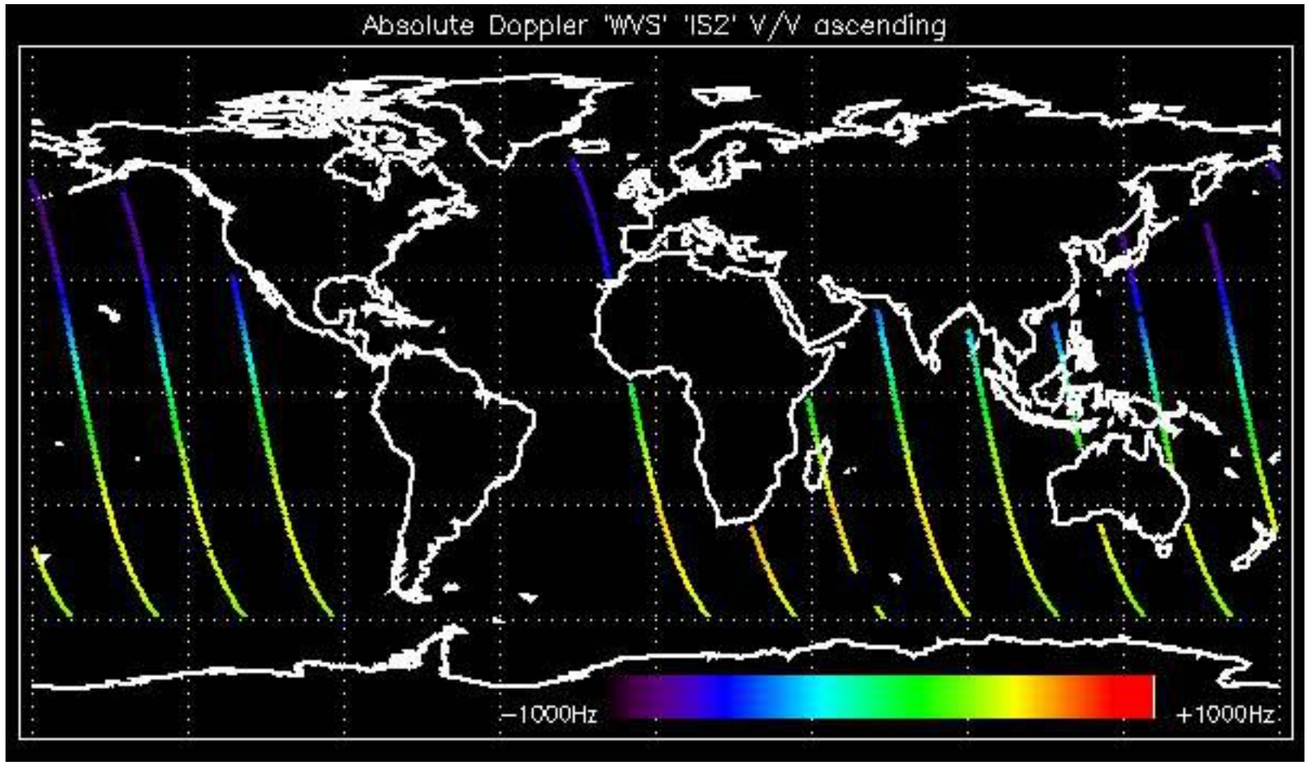
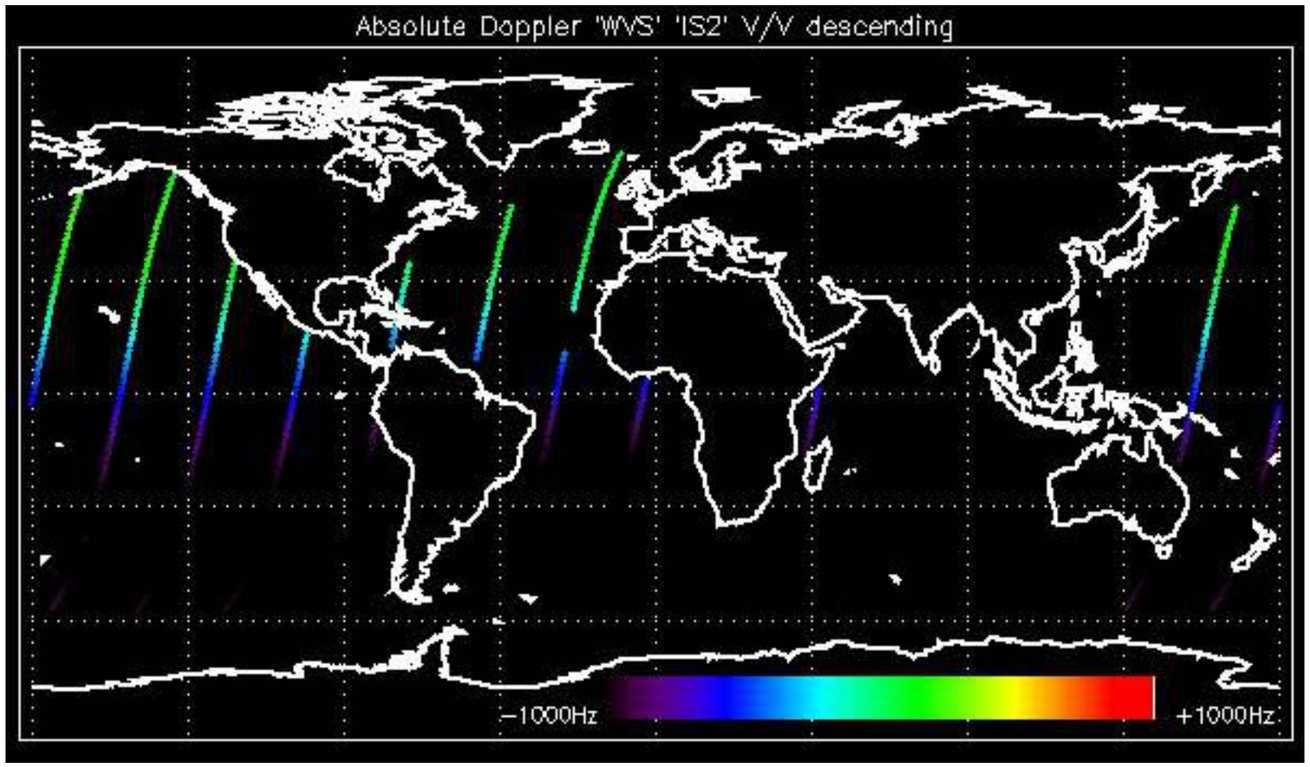
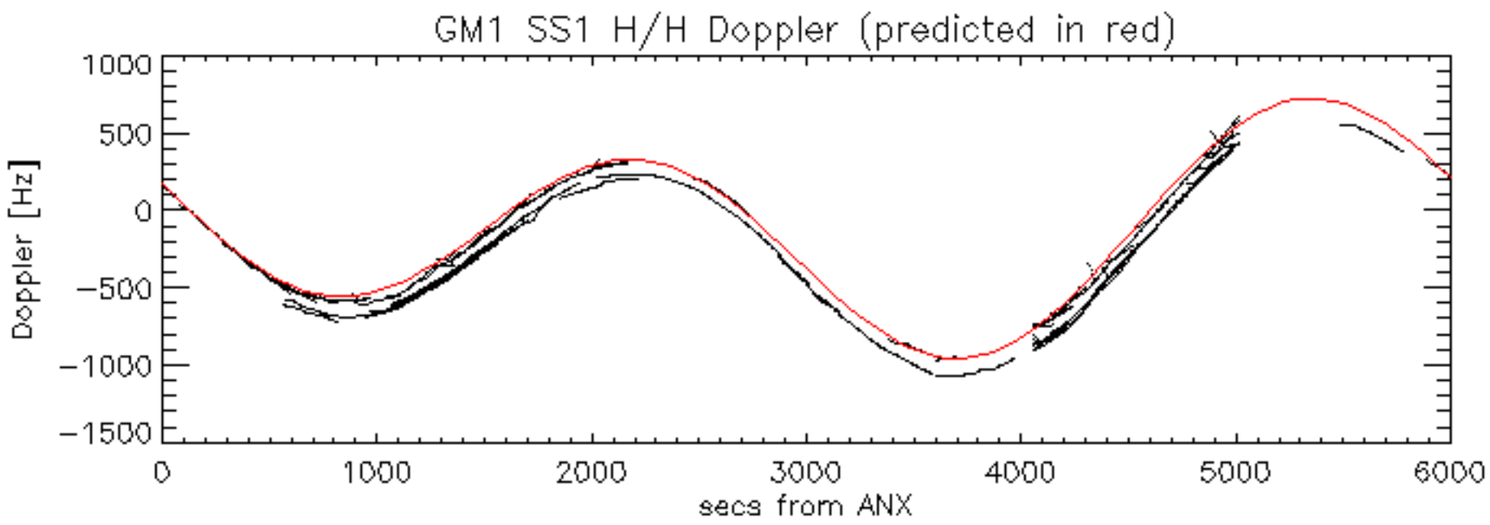
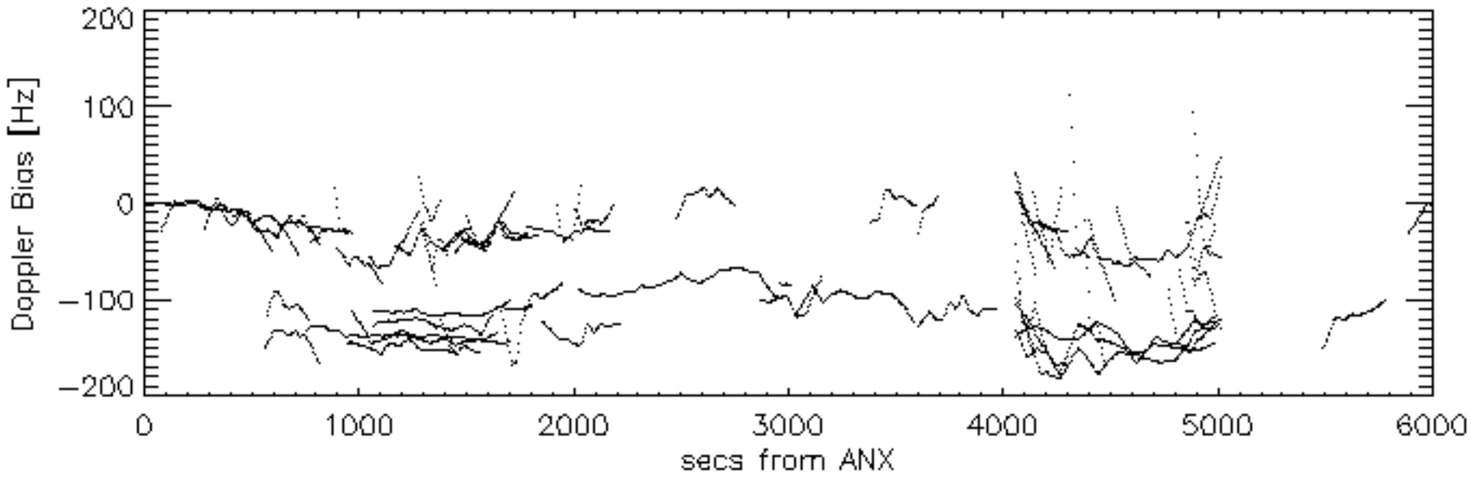
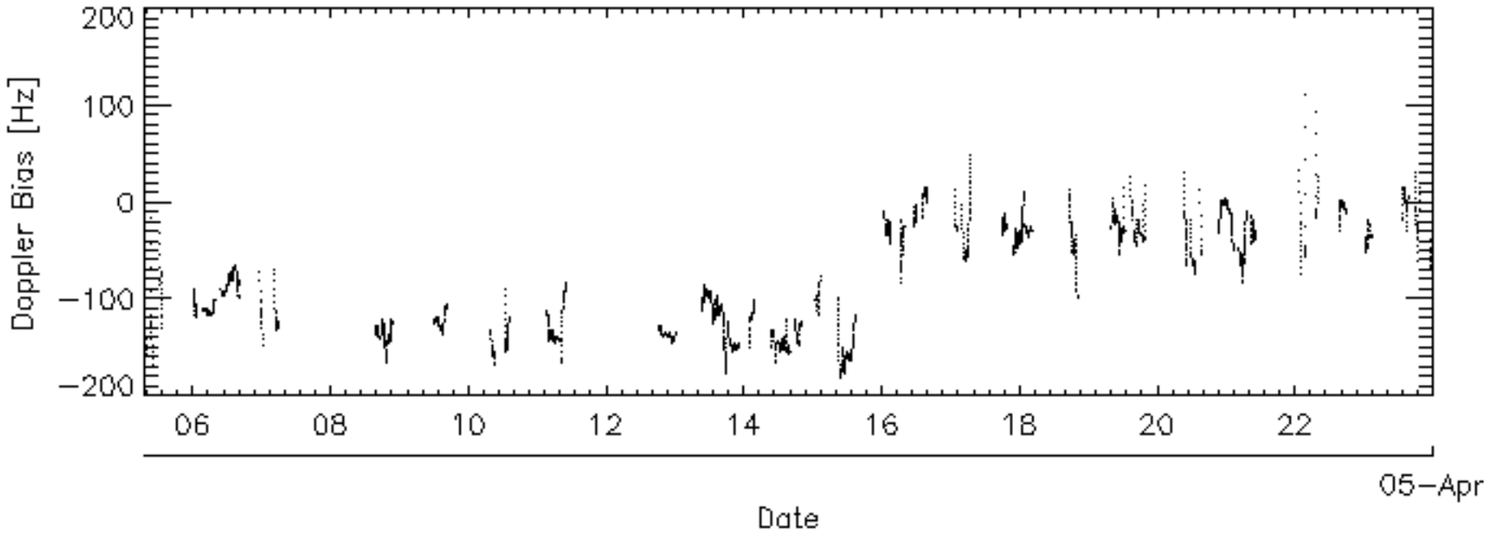
−1000Hz
+1000Hz

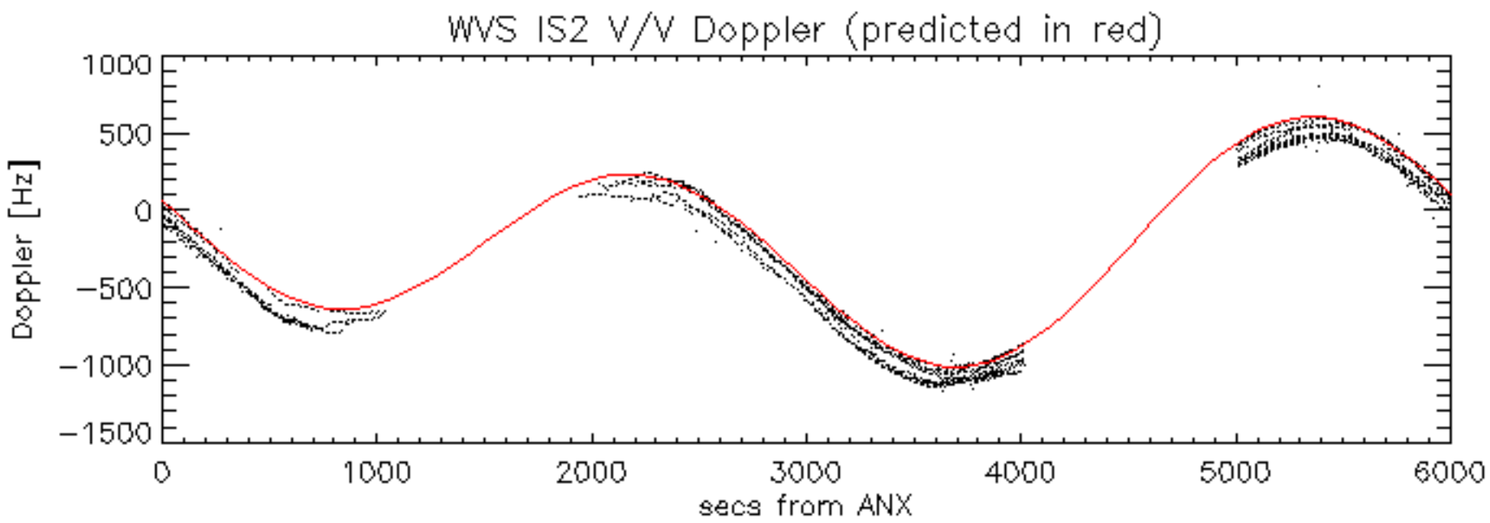

Absolute Doppler 'WVS' 'IS2' V/V ascending
−1000Hz
+1000Hz

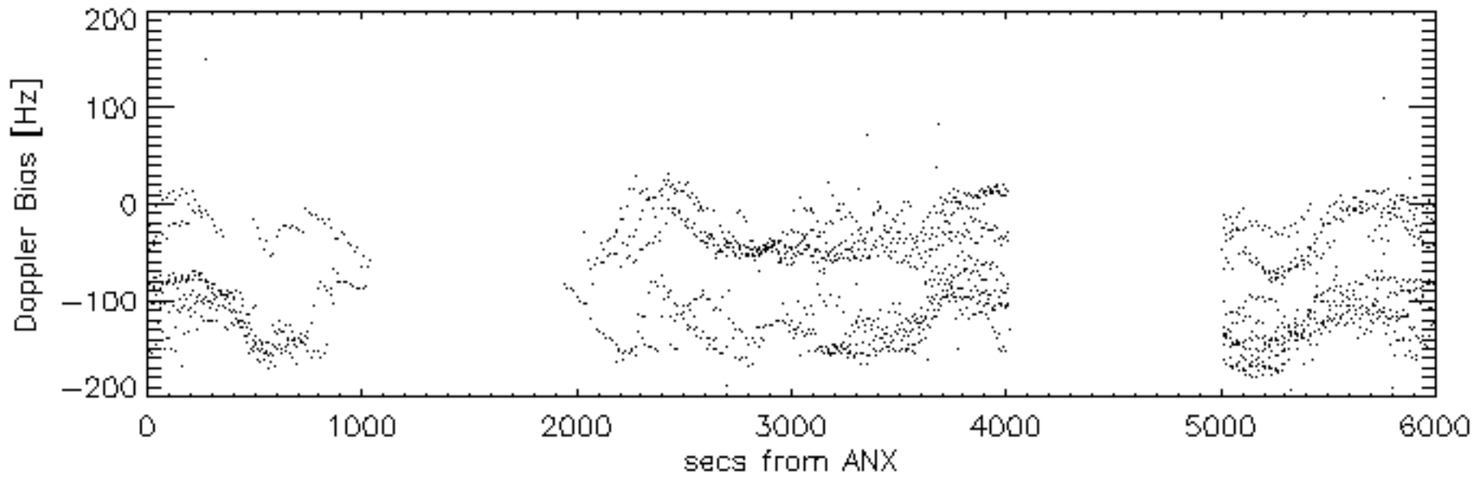

Absolute Doppler 'WVS' 'IS2' V/V descending
−1000Hz
+1000Hz

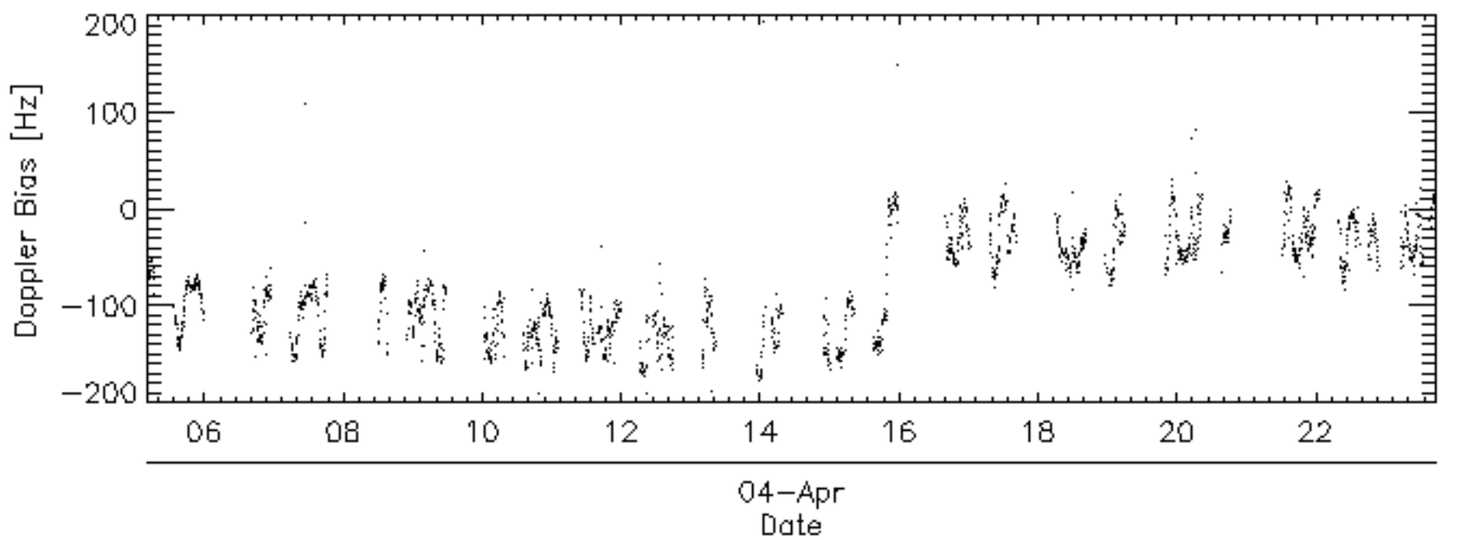

GM1 SS1 H/H Doppler (predicted in red)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

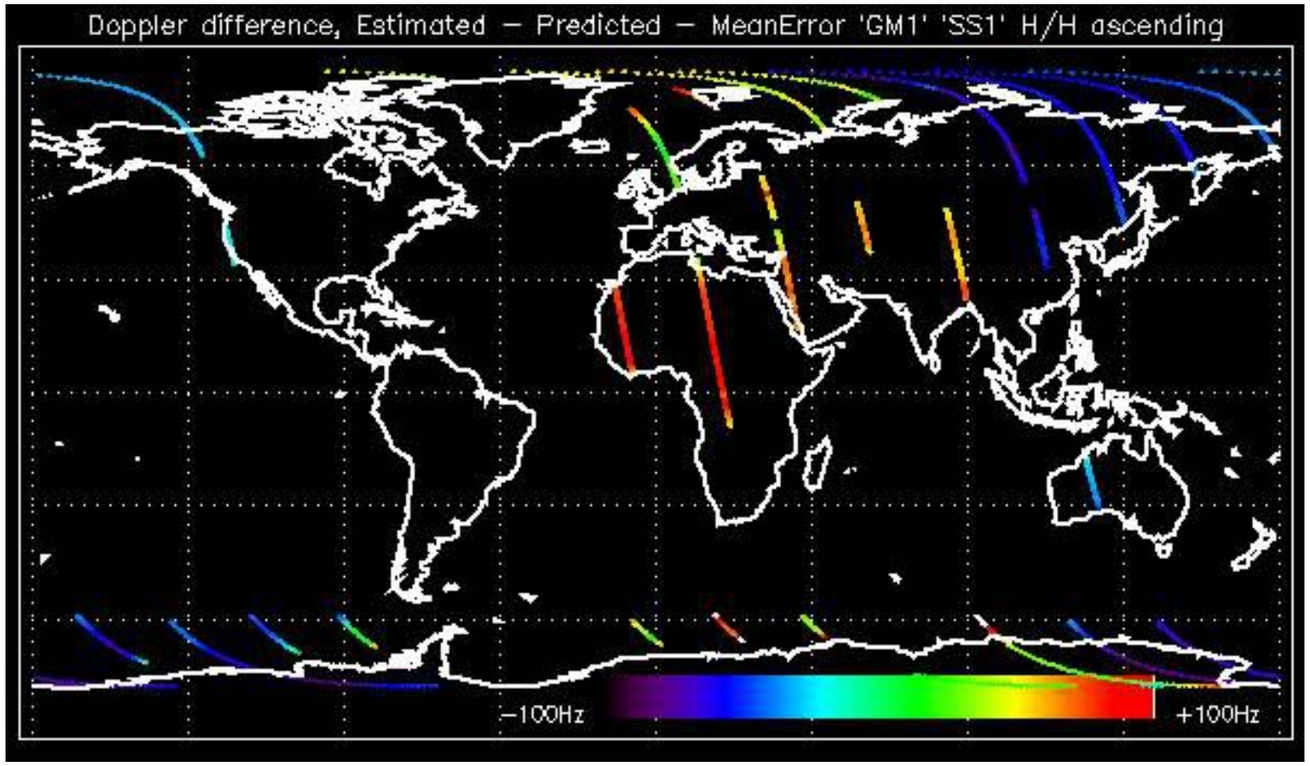

Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

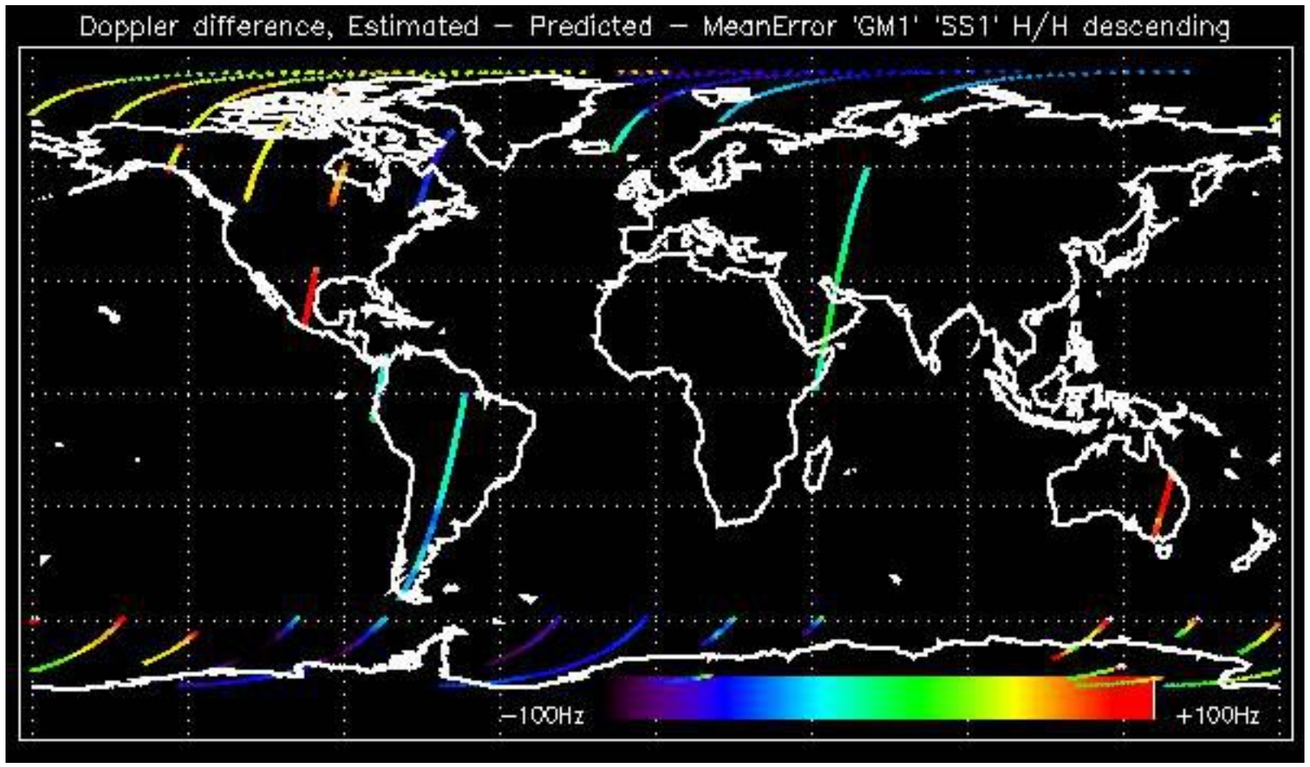

Doppler Bias [Hz]
200
100
0
−100
−200
06
08
10
12
14
16
18
20
22
05−Apr
Date

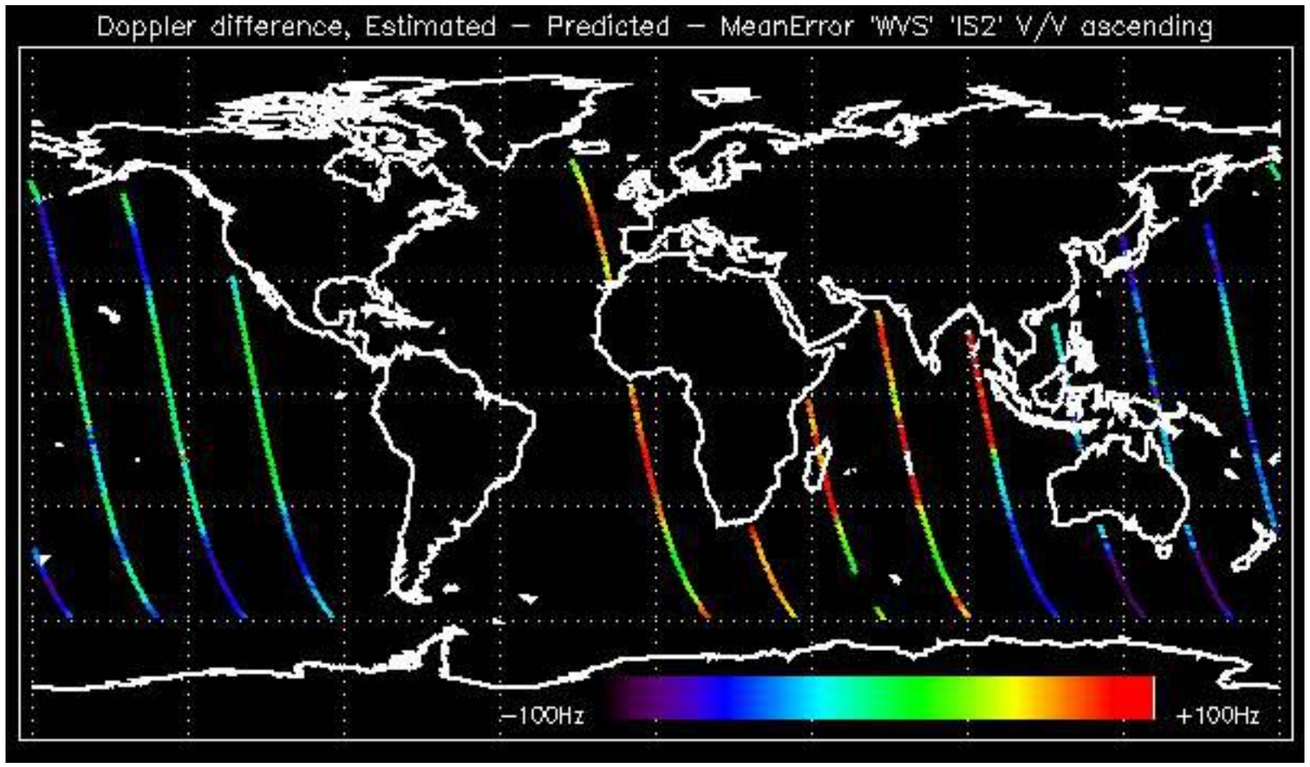

WVS IS2 V/V Doppler (predicted in red)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

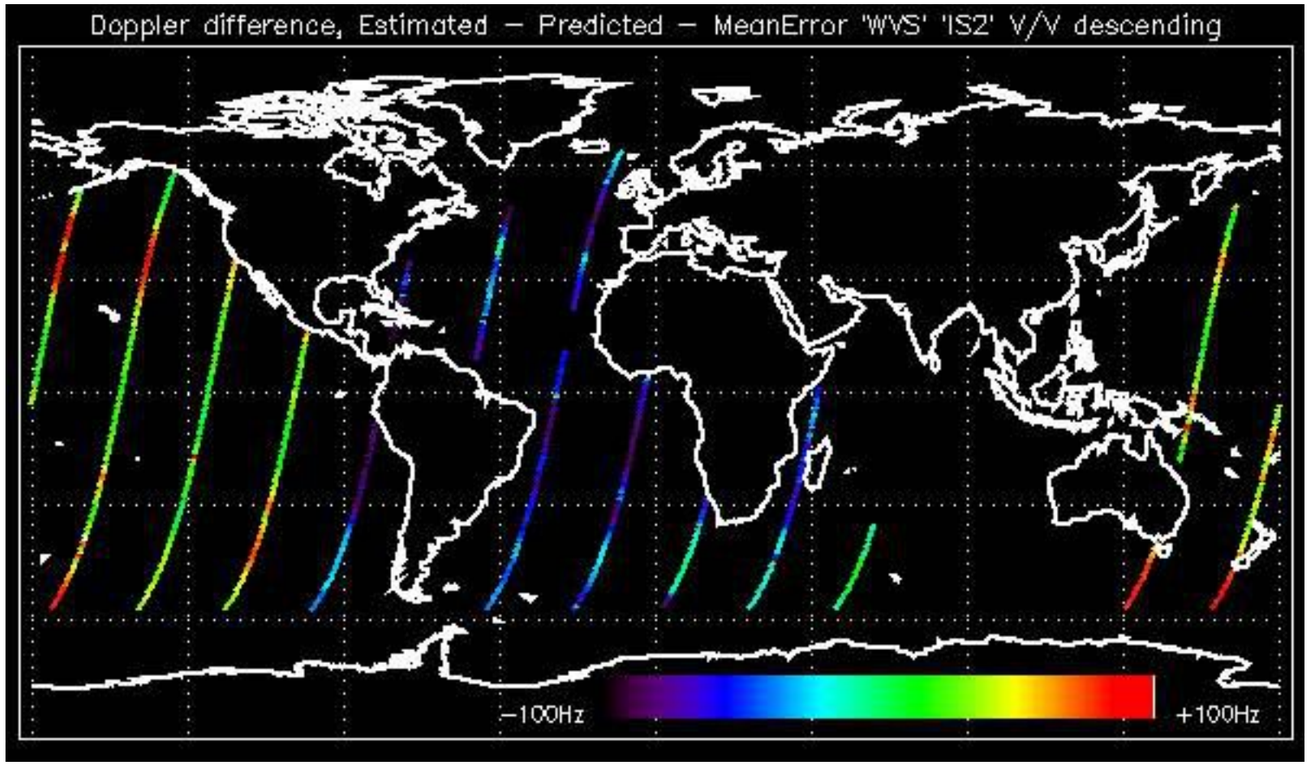

Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

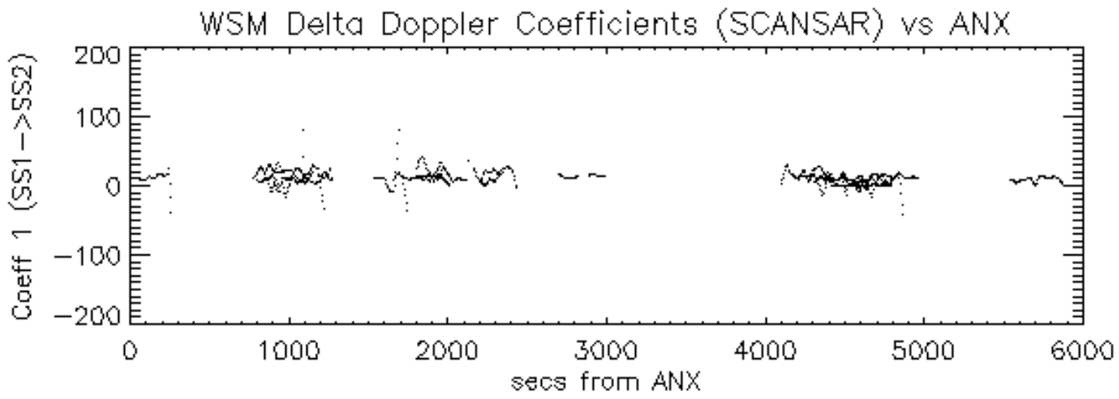

Doppler Bias [Hz]
200
100
0
−100
−200
06
08
10
12
14
16
18
20
22
04−Apr
Date

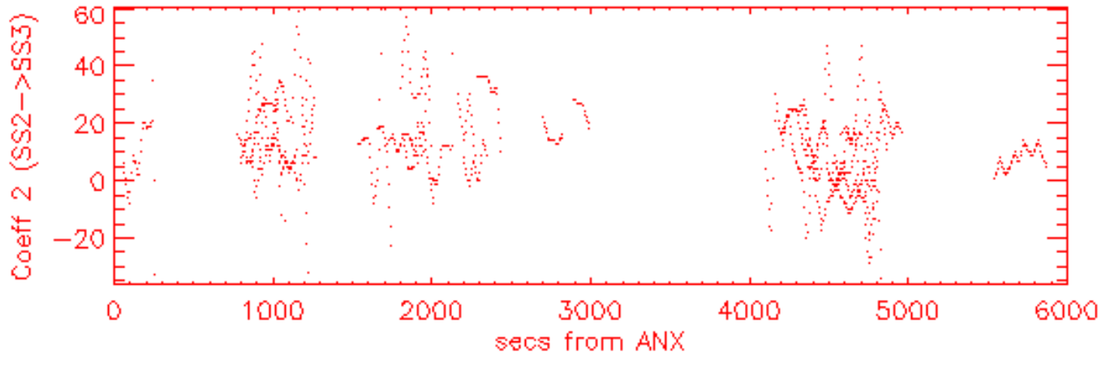

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H ascending
−100Hz
+100Hz

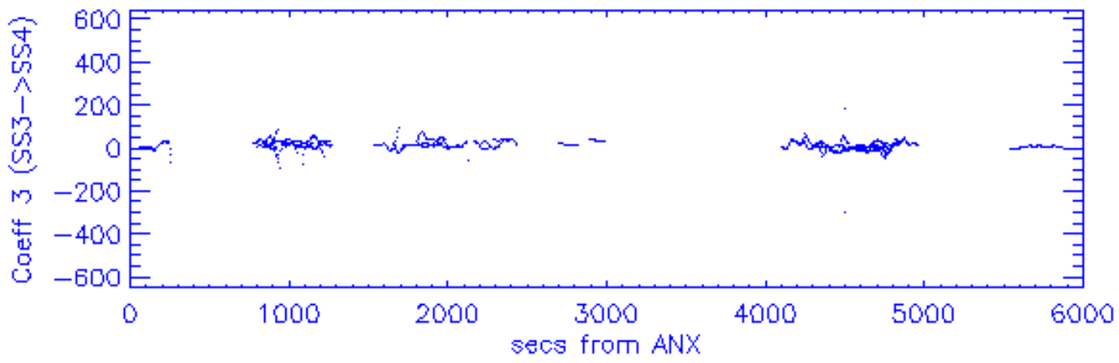

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H descending
−100Hz
+100Hz

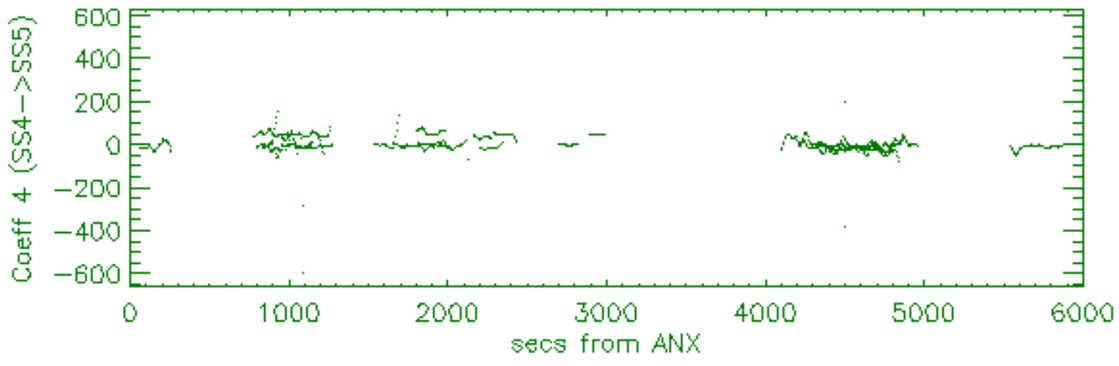

Doppler difference, Estimated – Predicted – MeanError 'WVS' 'IS2' V/V ascending
−100Hz
+100Hz

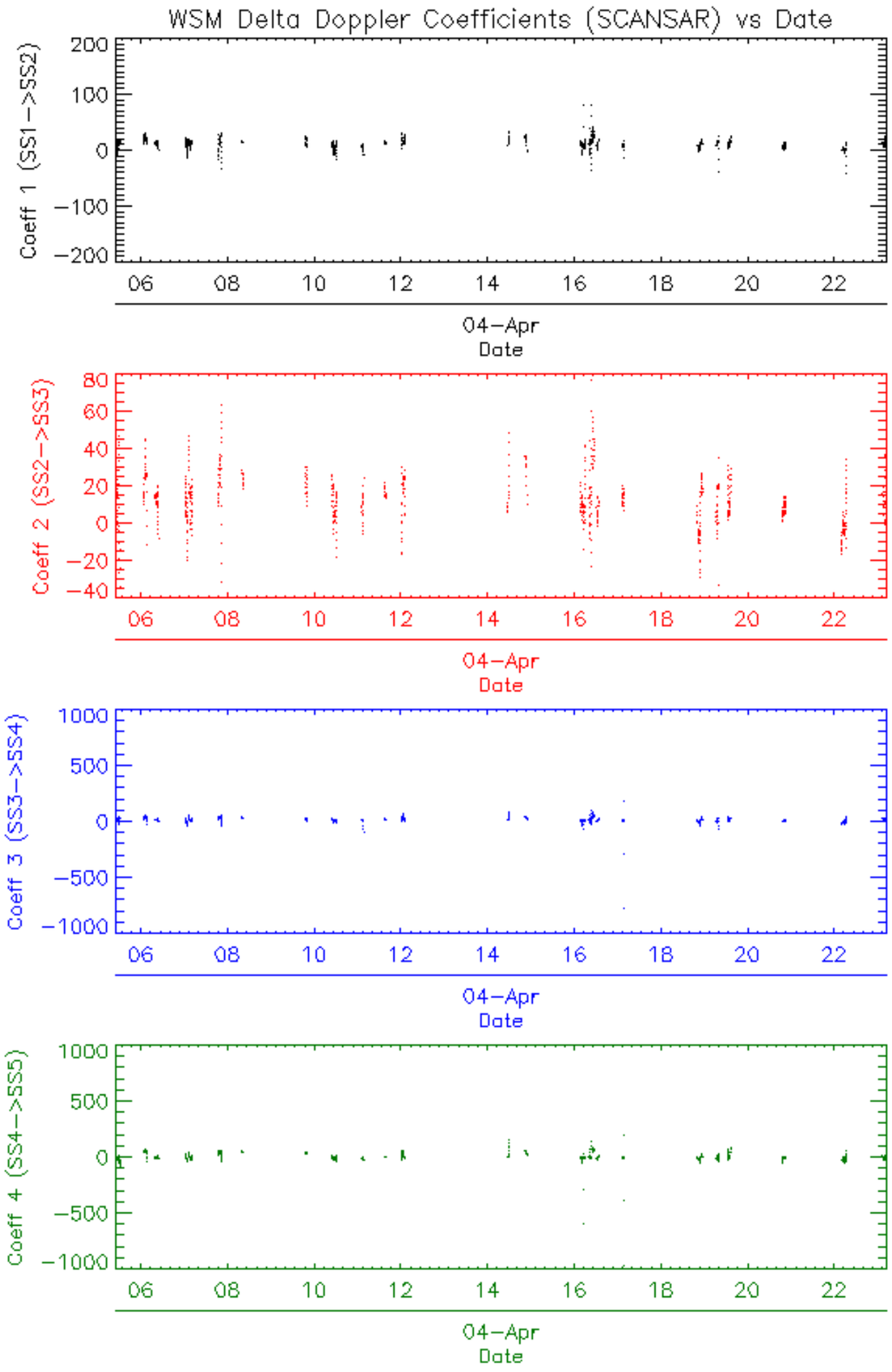

Doppler difference, Estimated – Predicted – MeanError 'WVS' 'IS2' V/V descending
−100Hz
+100Hz

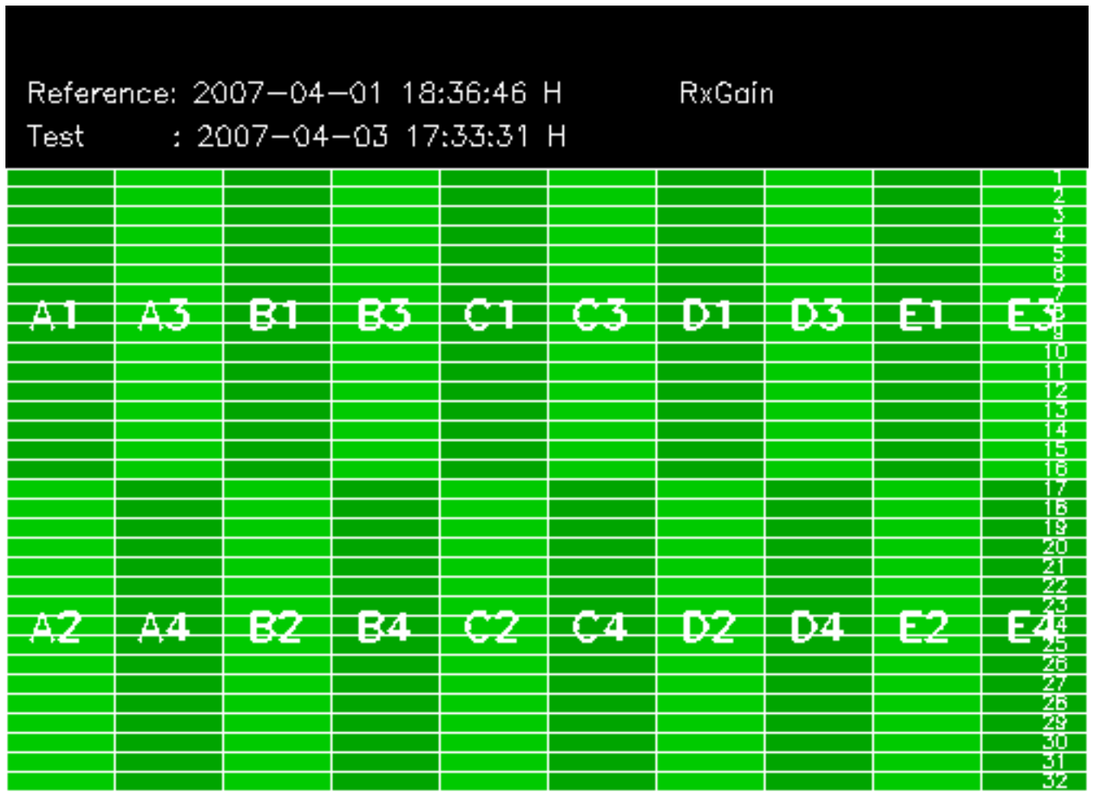

WSM Delta Doppler Coefficients (SCANSAR) vs ANX
Coeff 1 (SS1->SS2)
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


Coeff 2 (SS2->SS3)
60
40
20
0
−20
0
1000
2000
3000
4000
5000
6000
secs from ANX


Coeff 3 (SS3->SS4)
600
400
200
0
−200
−400
−600
0
1000
2000
3000
4000
5000
6000
secs from ANX


Coeff 4 (SS4->SS5)
600
400
200
0
−200
−400
−600
0
1000
2000
3000
4000
5000
6000
secs from ANX


WSM Delta Doppler Coefficients (SCANSAR) vs Date
Coeff 1 (SS1->SS2)
200
100
0
−100
−200
06
08
10
12
14
16
18
20
22
04−Apr
Date
Coeff 2 (SS2->SS3)
80
60
40
20
0
−20
−40
06
08
10
12
14
16
18
20
22
04−Apr
Date
Coeff 3 (SS3->SS4)
1000
500
0
−500
−1000
06
08
10
12
14
16
18
20
22
04−Apr
Date
Coeff 4 (SS4->SS5)
1000
500
0
−500
−1000
06
08
10
12
14
16
18
20
22
04−Apr
Date


Reference: 2007-04-01 18:36:46 H
Test : 2007-04-03 17:33:31 H
RxGain
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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13
14
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17
18
19
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21
22
23
24
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26
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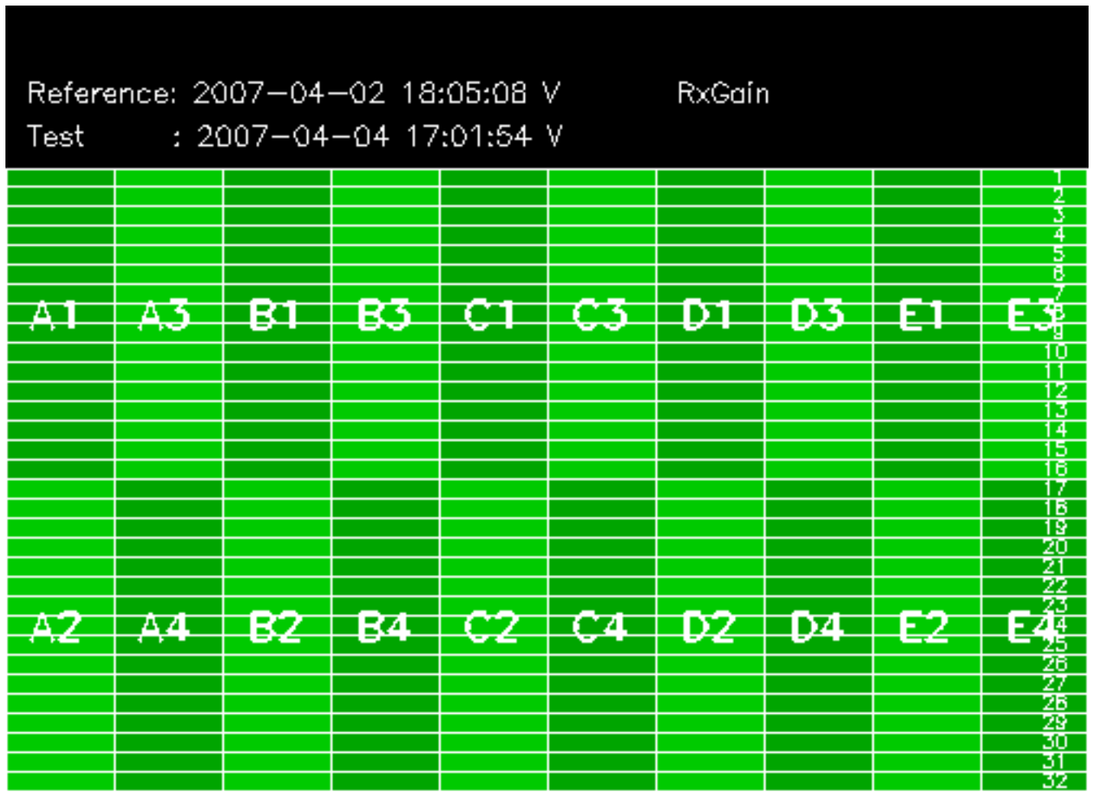
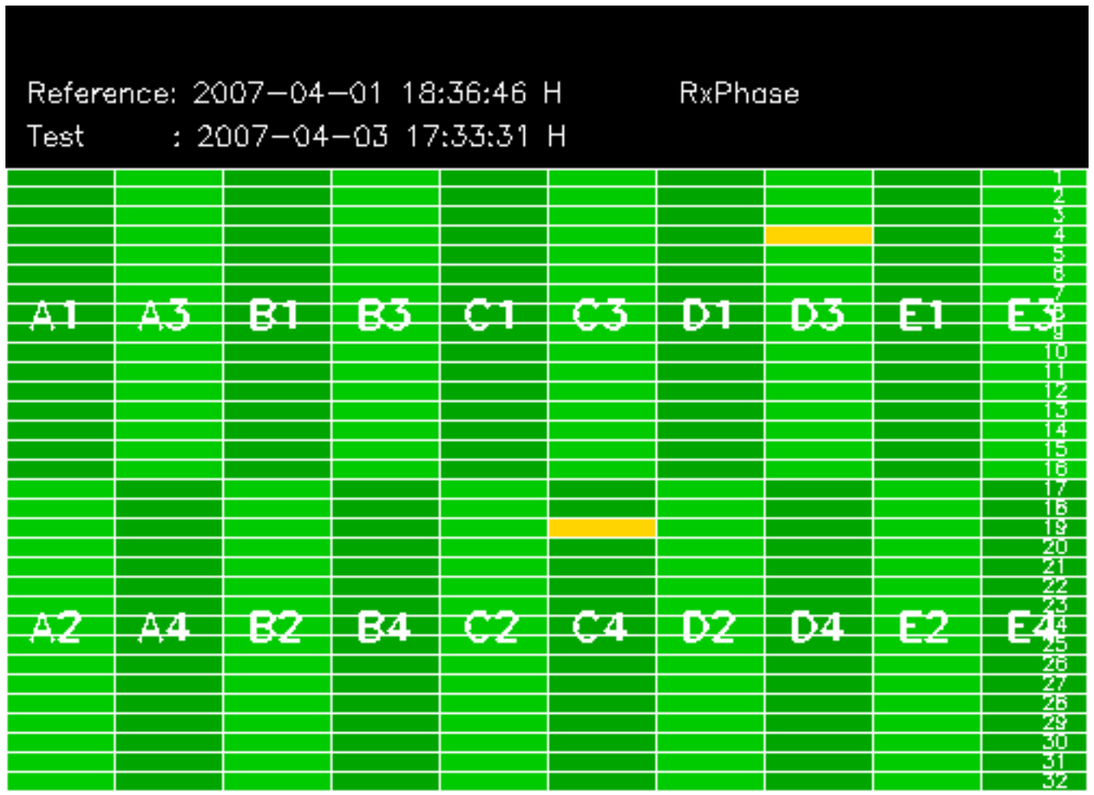
28
29
30
31
32


Reference: 2007-04-02 18:05:08 V
Test : 2007-04-04 17:01:54 V
RxGain
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
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32


Reference: 2007-04-01 18:36:46 H
RxPhase
Test : 2007-04-03 17:33:31 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
11
12
13
14
15
16
17
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22
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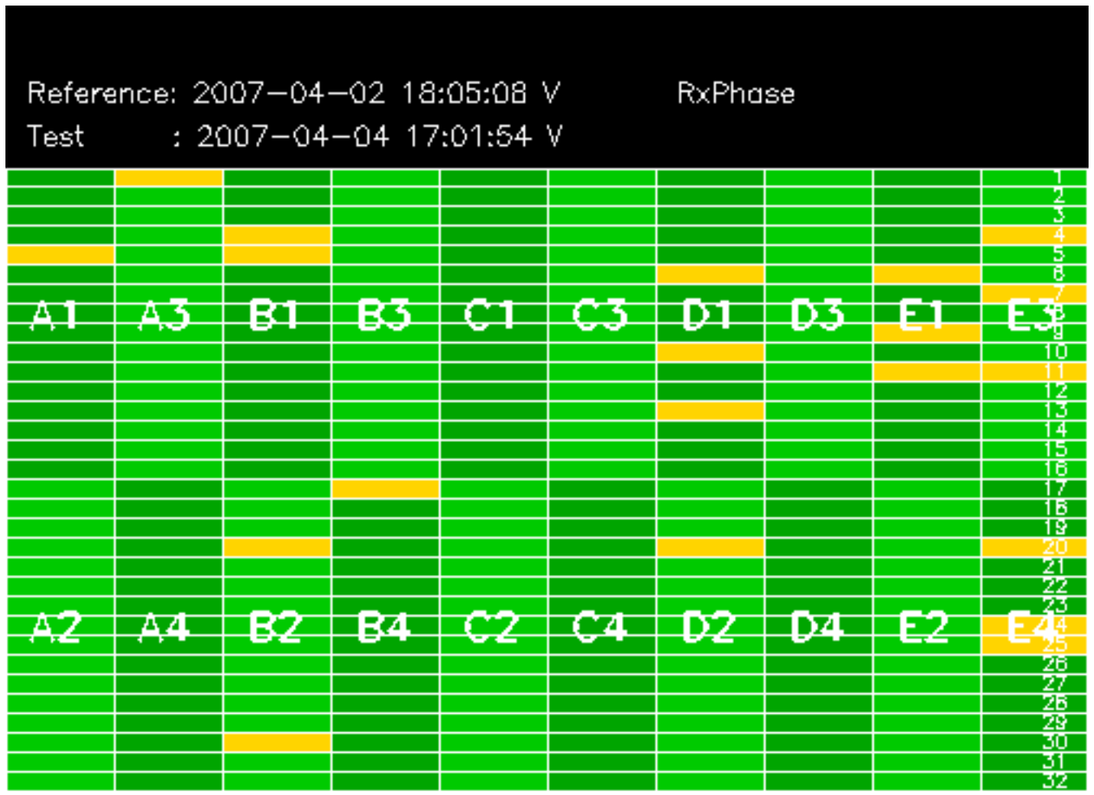
26
27
28
29
30
31
32


Reference: 2007-04-02 18:05:08 V
Test : 2007-04-04 17:01:54 V
RxPhase
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
11
12
13
14
15
16
17
18
19
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21
22
23
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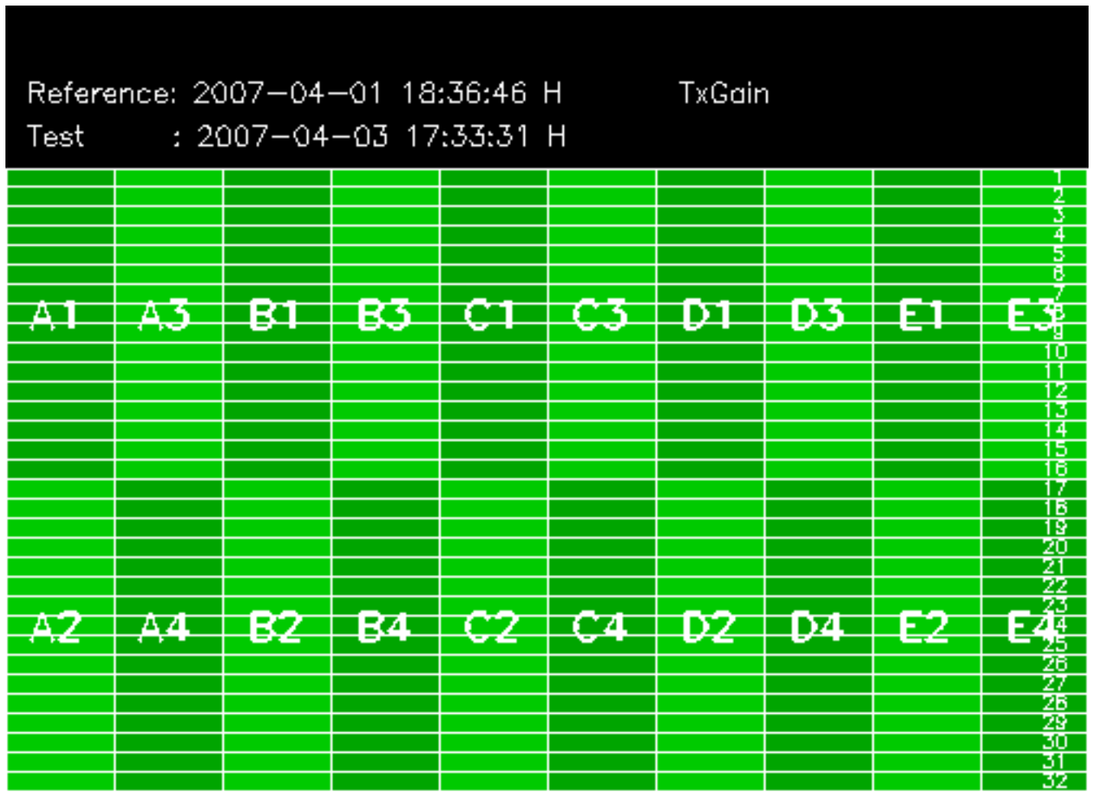
26
27
28
29
30
31
32


Reference: 2007-04-01 18:36:46 H
Test : 2007-04-03 17:33:31 H
TxGain
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
11
12
13
14
15
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17
18
19
20
21
22
23
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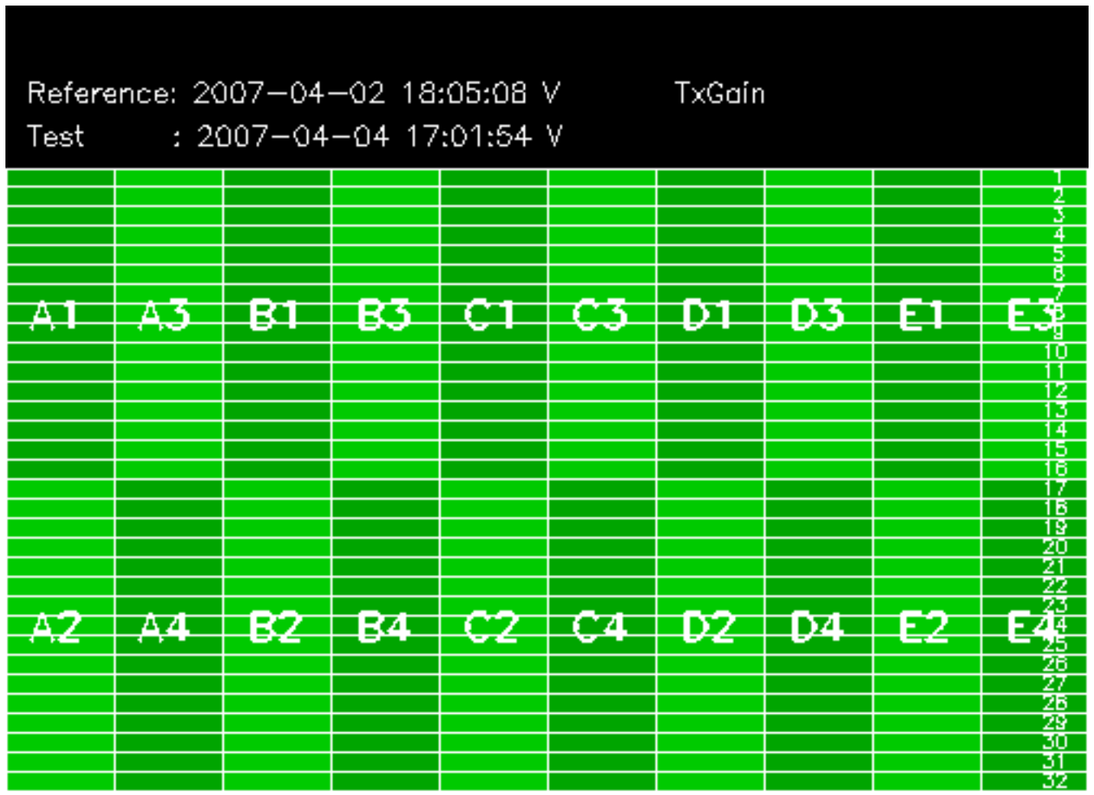
25
26
27
28
29
30
31
32


Reference: 2007-04-02 18:05:08 V
Test : 2007-04-04 17:01:54 V
TxGain
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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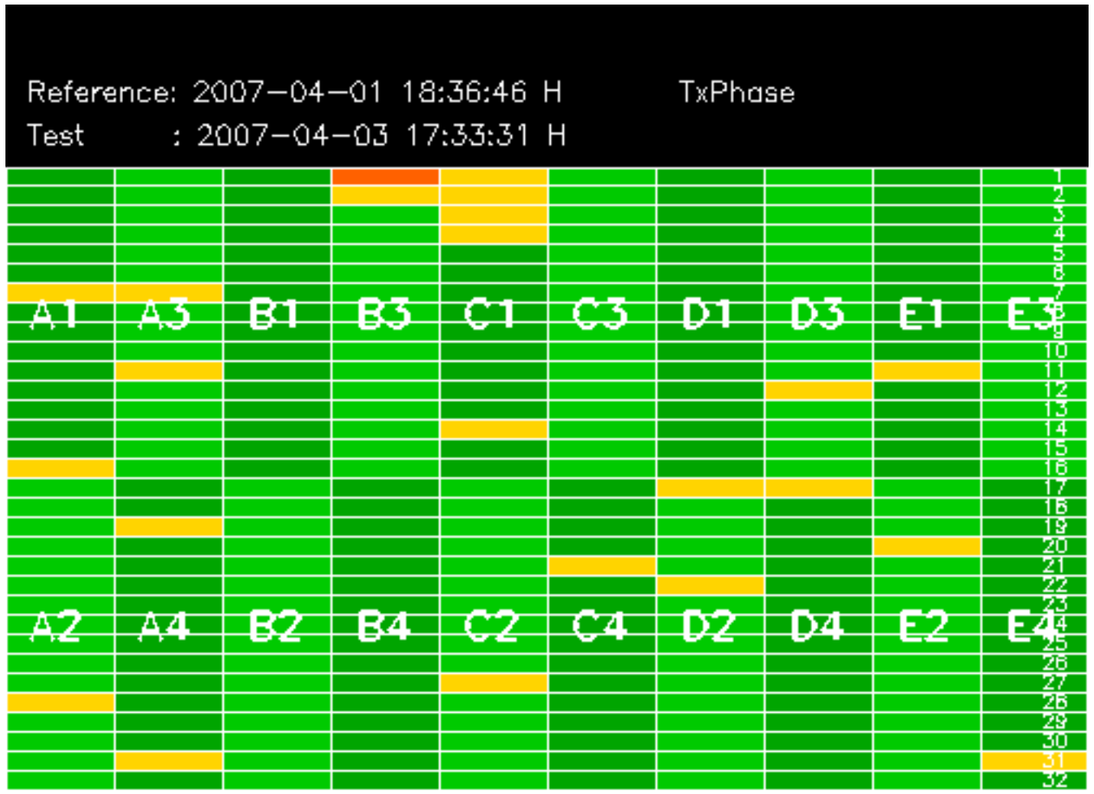
32


Reference: 2007-04-01 18:36:46 H
Test : 2007-04-03 17:33:31 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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8
9
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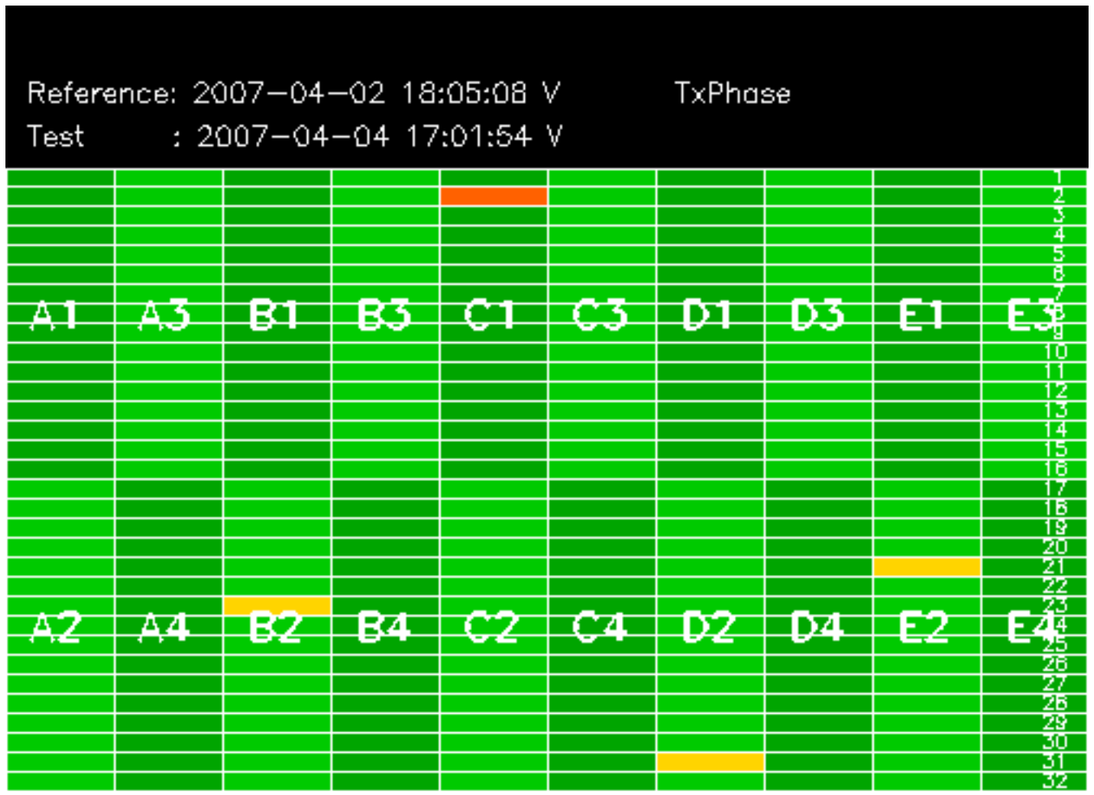
29
30
31
32


Reference: 2007-04-02 18:05:08 V
TxPhase
Test : 2007-04-04 17:01:54 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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26
27
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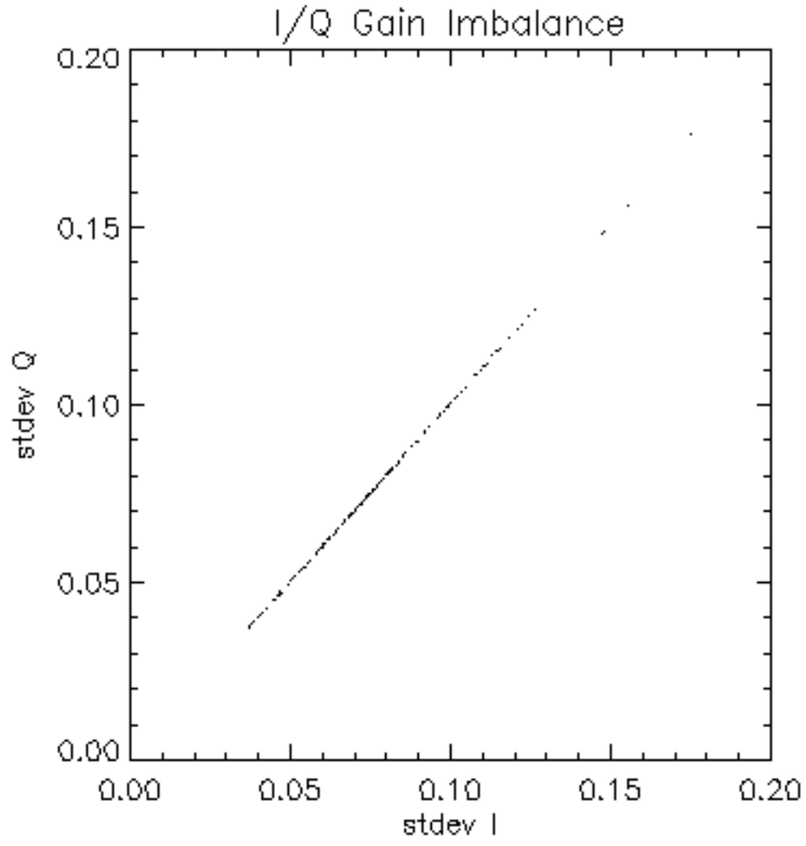
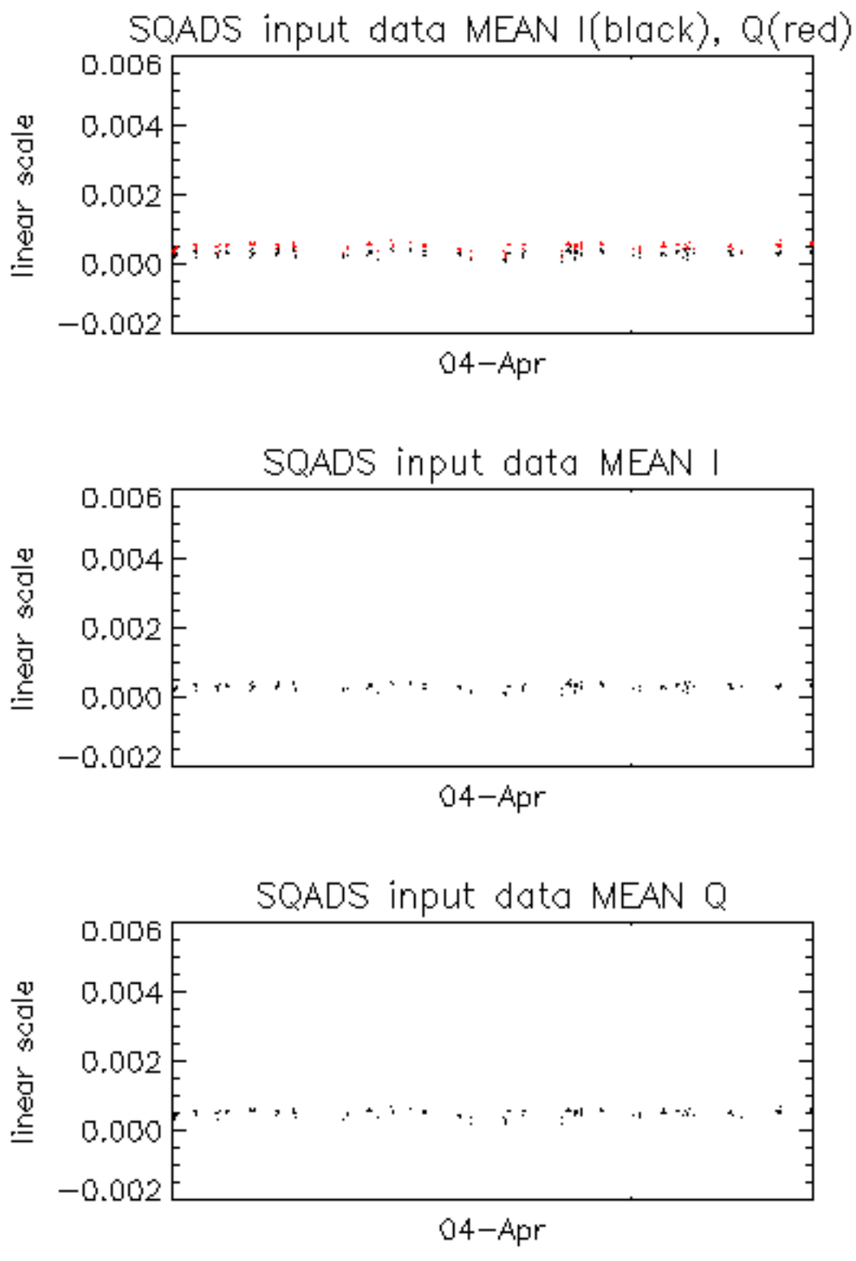
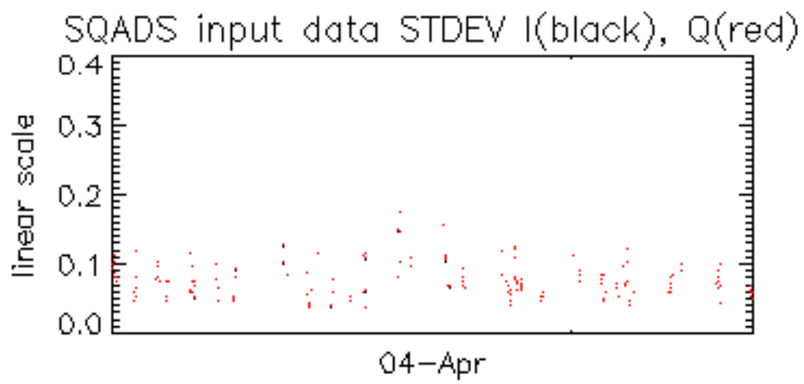
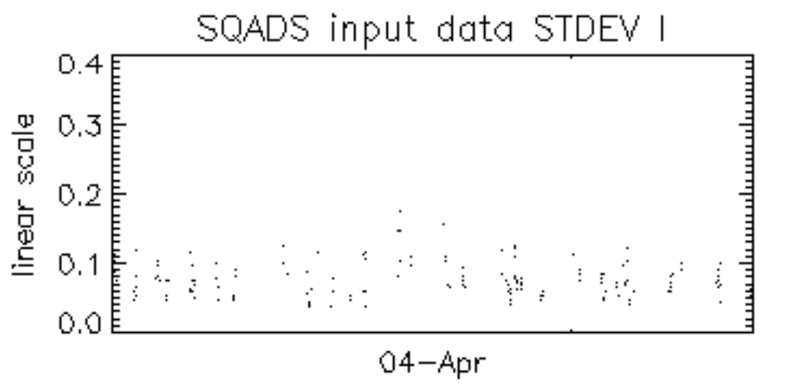
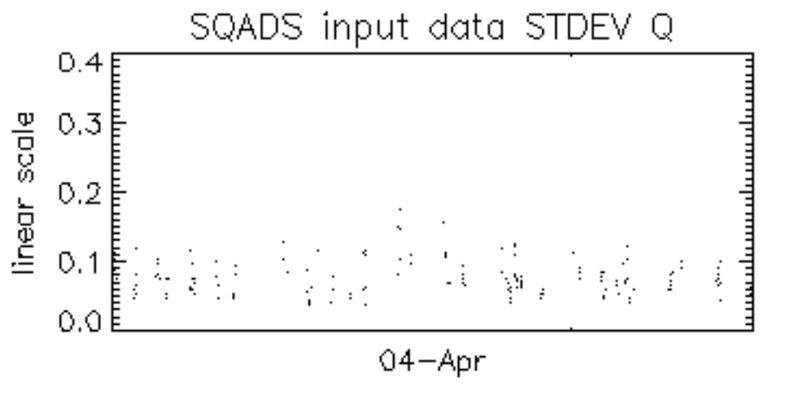
31
32

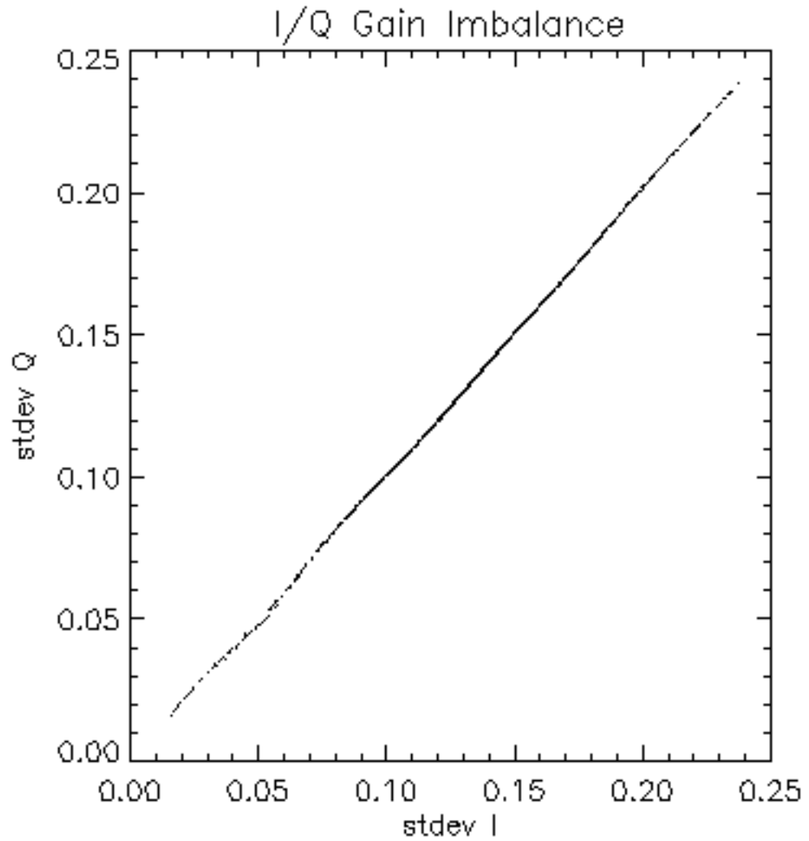

I/Q Gain Imbalance
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00
0.05
0.10
0.15
0.20
stdev I

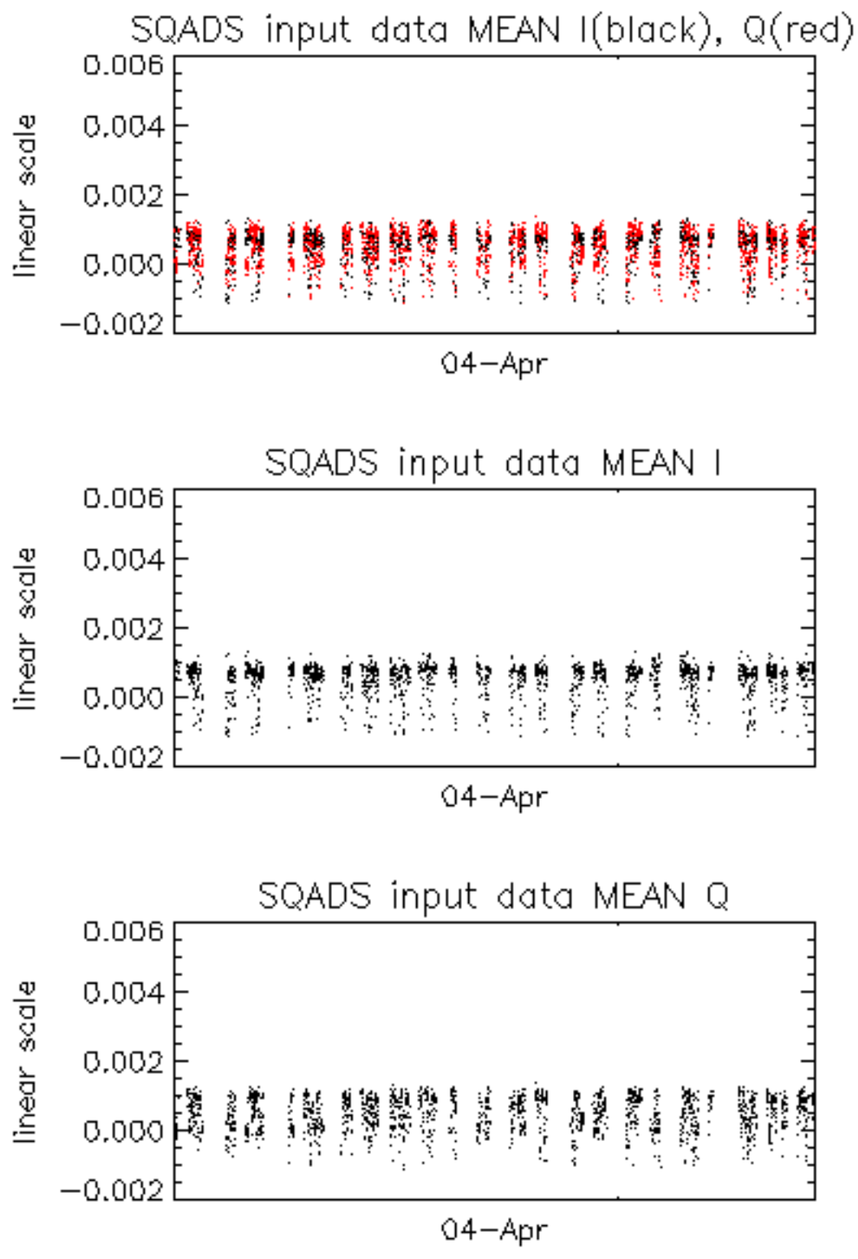

SQADS input data MEAN I(black), Q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr
SQADS input data MEAN I
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr
SQADS input data MEAN Q
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr

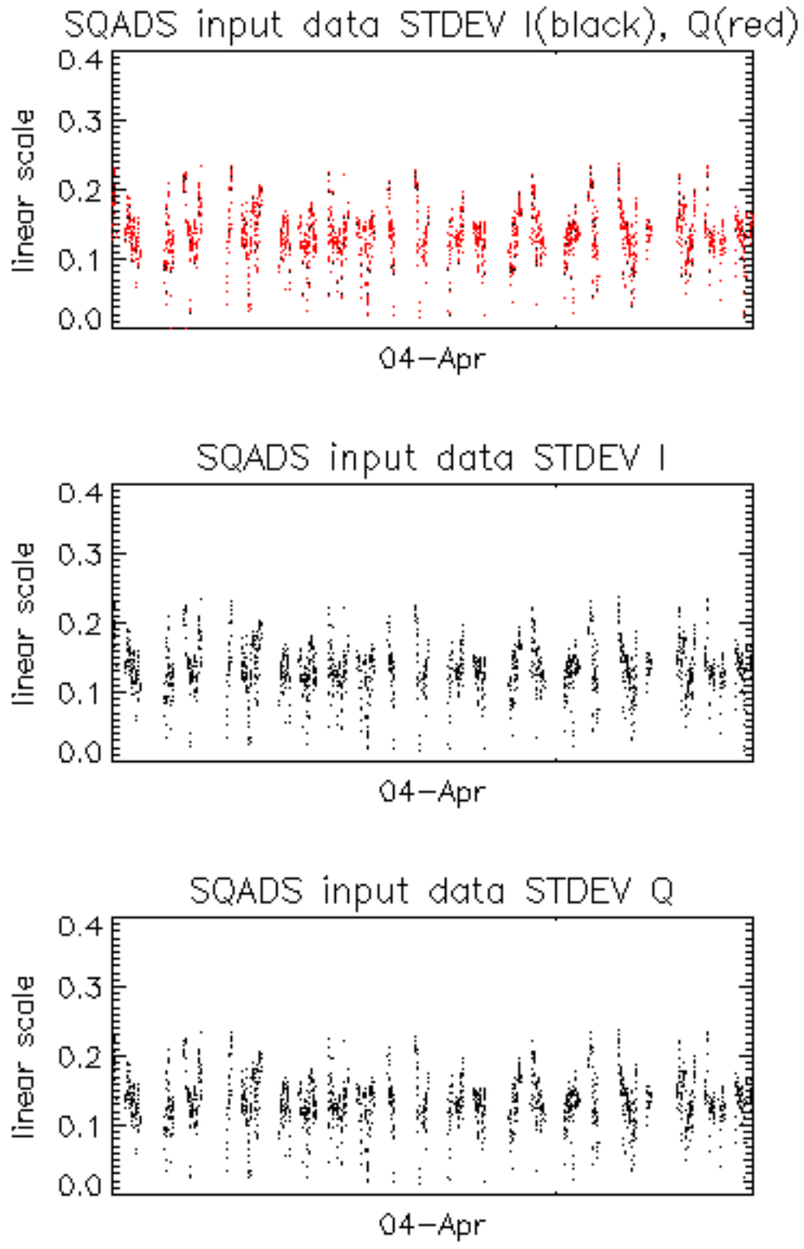

SQADS input data STDEV I(black), Q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr

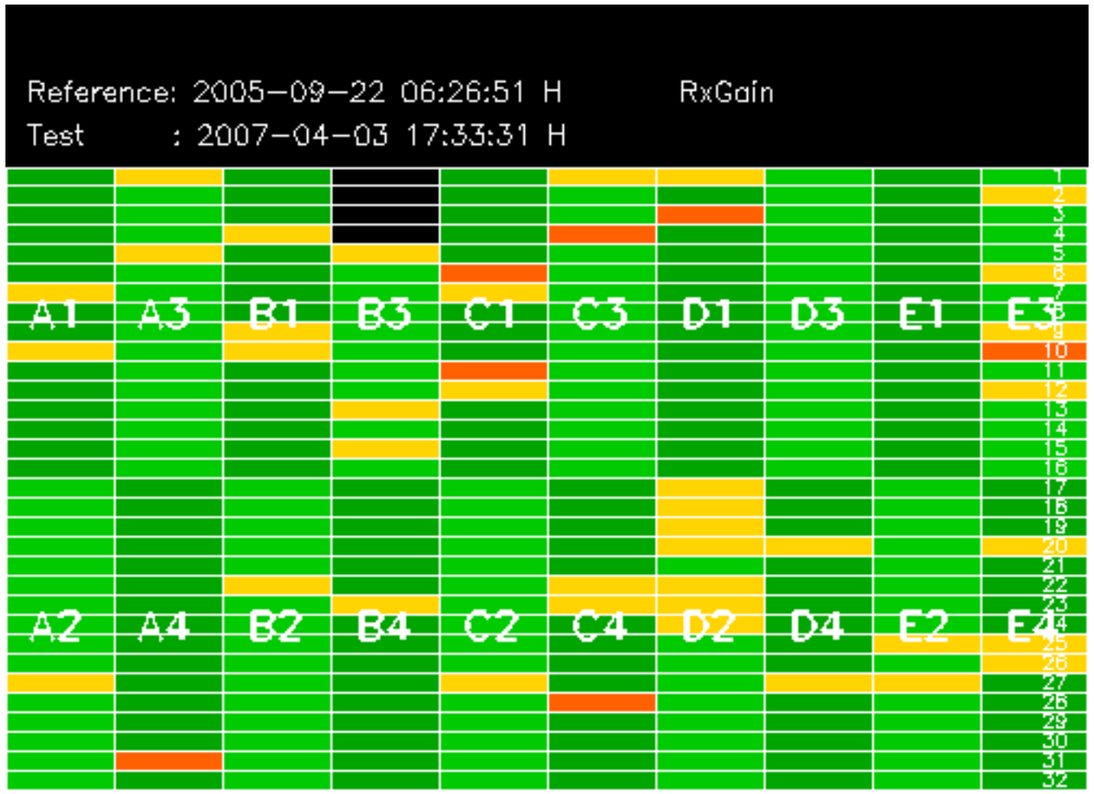

SQADS input data STDEV I
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr

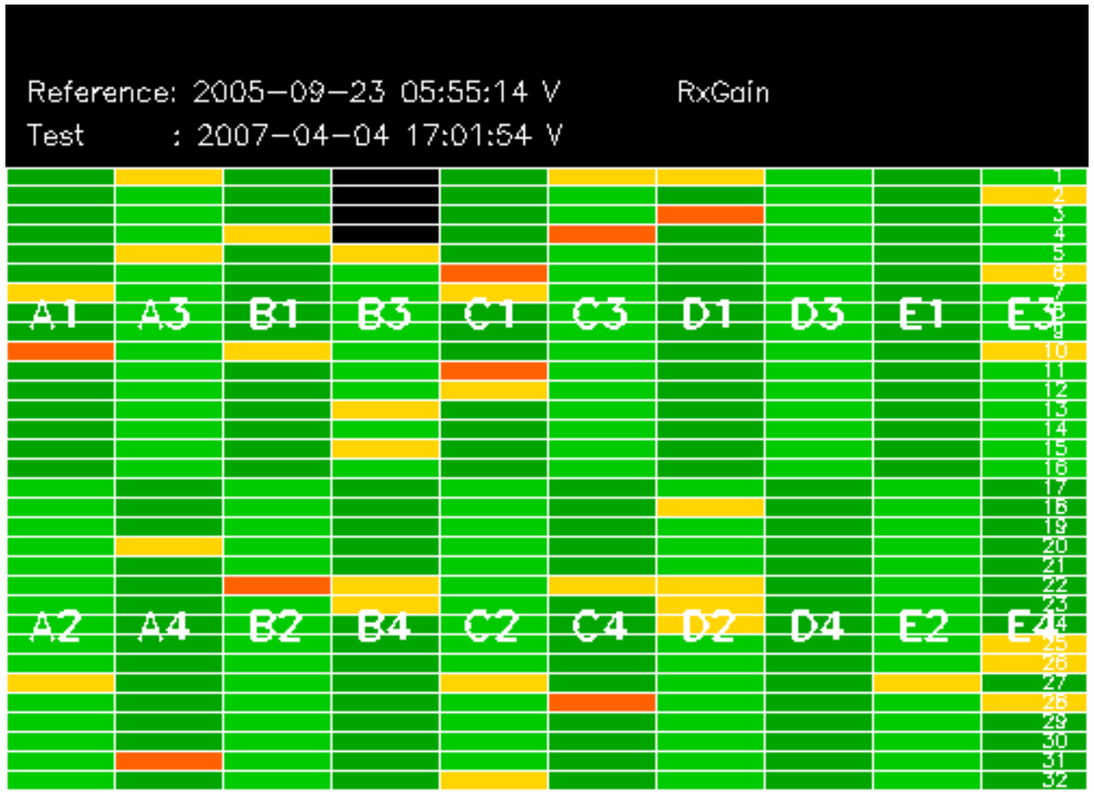

SQADS input data STDEV Q
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr

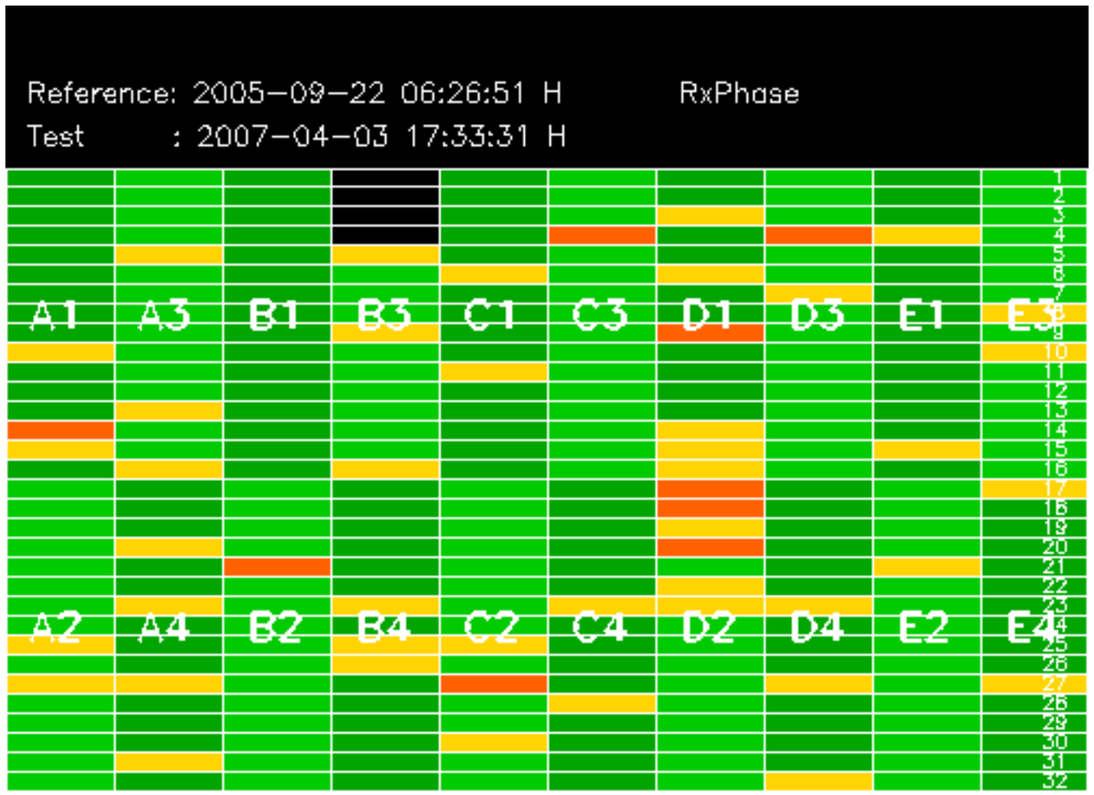

I/Q Gain Imbalance
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00
0.05
0.10
0.15
0.20
0.25
stdev I

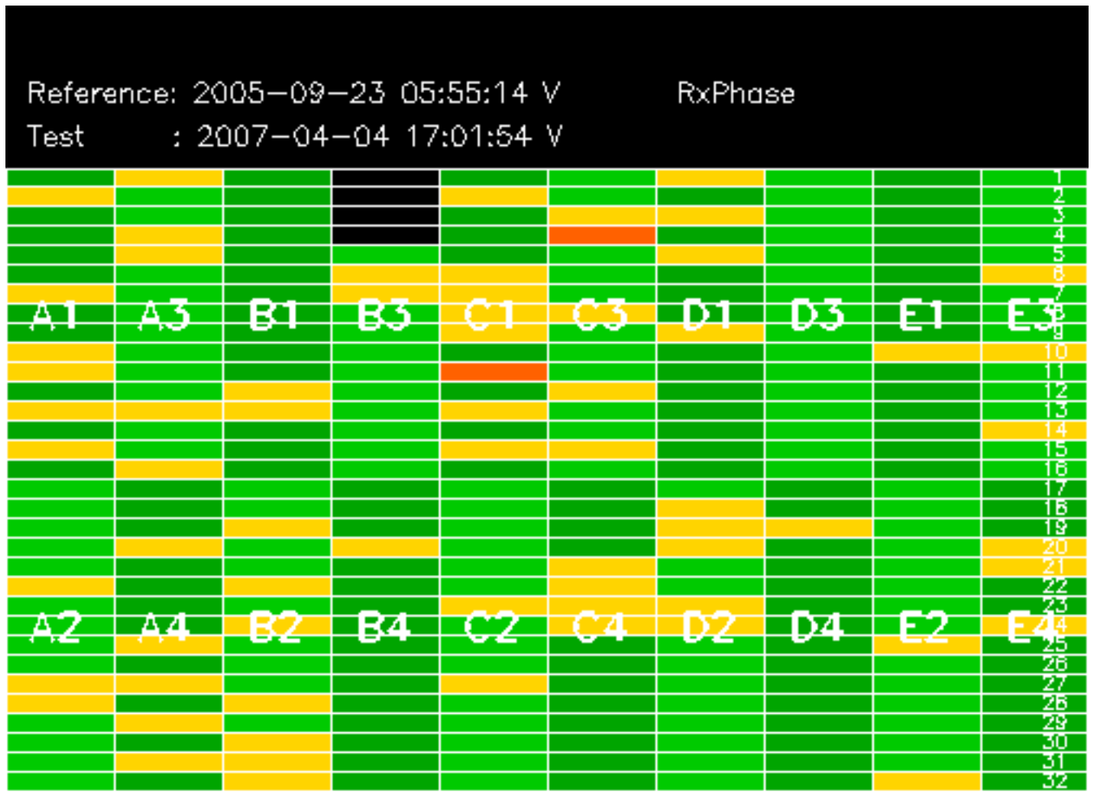

SQADS input data MEAN I(black), Q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr
SQADS input data MEAN I
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr
SQADS input data MEAN Q
linear scale
0.006
0.004
0.002
0.000
−0.002
04−Apr


SQADS input data STDEV I(black), Q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr
SQADS input data STDEV I
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr
SQADS input data STDEV Q
linear scale
0.4
0.3
0.2
0.1
0.0
04-Apr


Reference: 2005-09-22 06:26:51 H
RxGain
Test : 2007-04-03 17:33:31 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2007-04-04 17:01:54 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2007-04-03 17:33:31 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2007-04-04 17:01:54 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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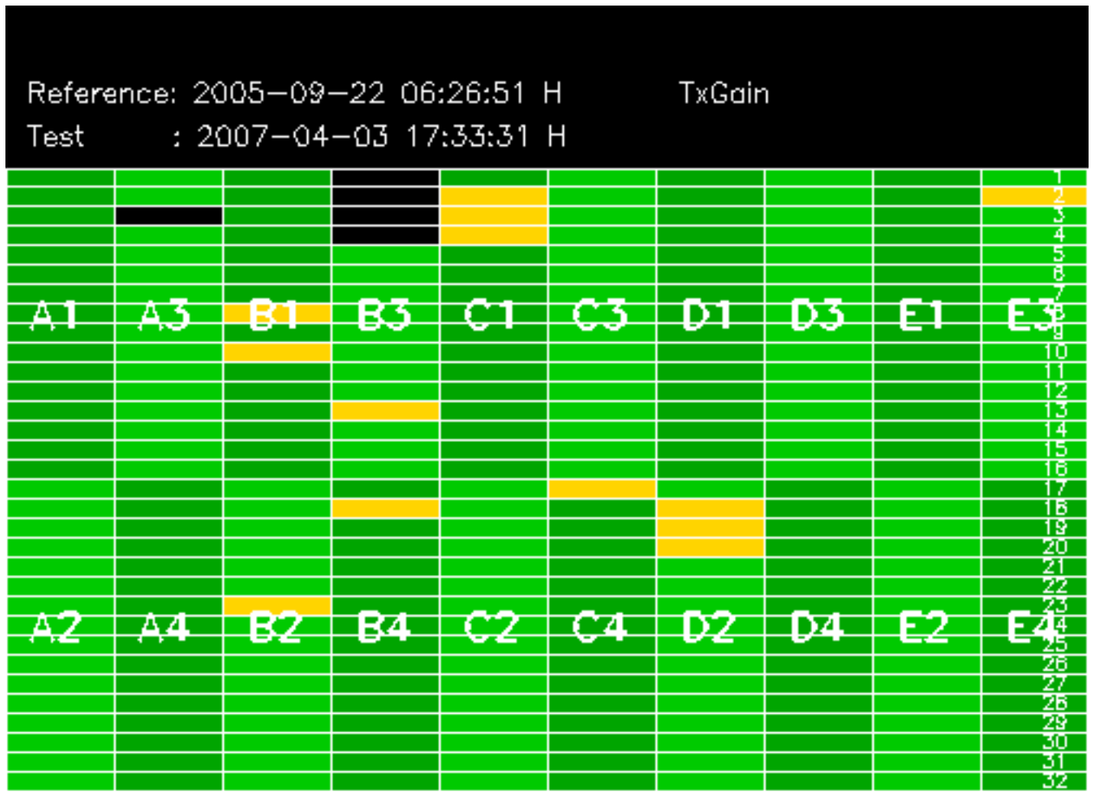
Reference: 2005-09-22 06:26:51 H
Test : 2007-04-03 17:33:31 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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E4
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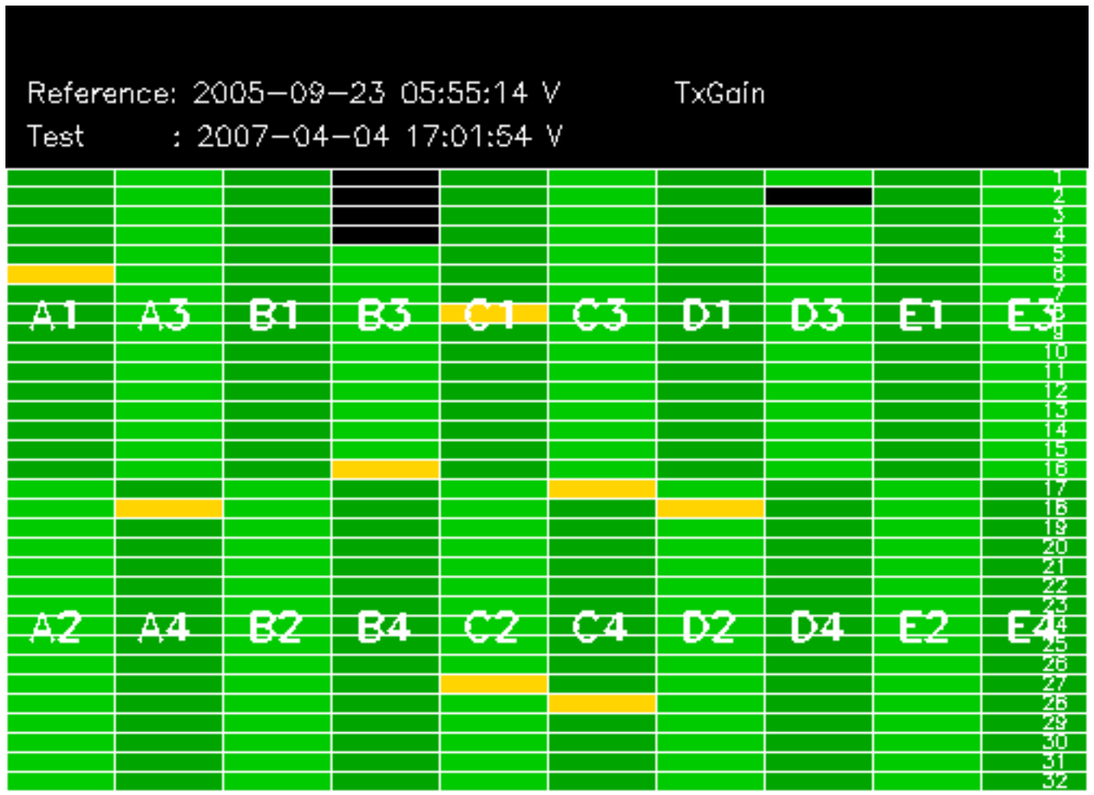
Reference: 2005-09-23 05:55:14 V
Test : 2007-04-04 17:01:54 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
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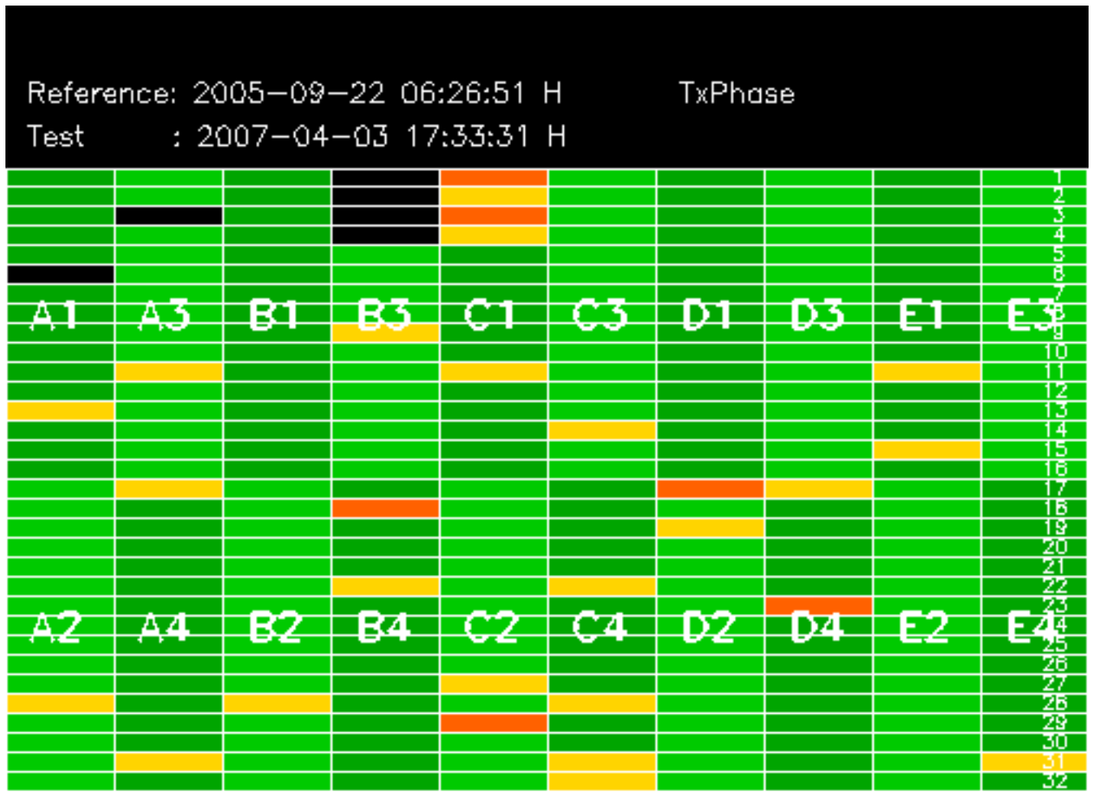
Reference: 2005-09-22 06:26:51 H
Test : 2007-04-03 17:33:31 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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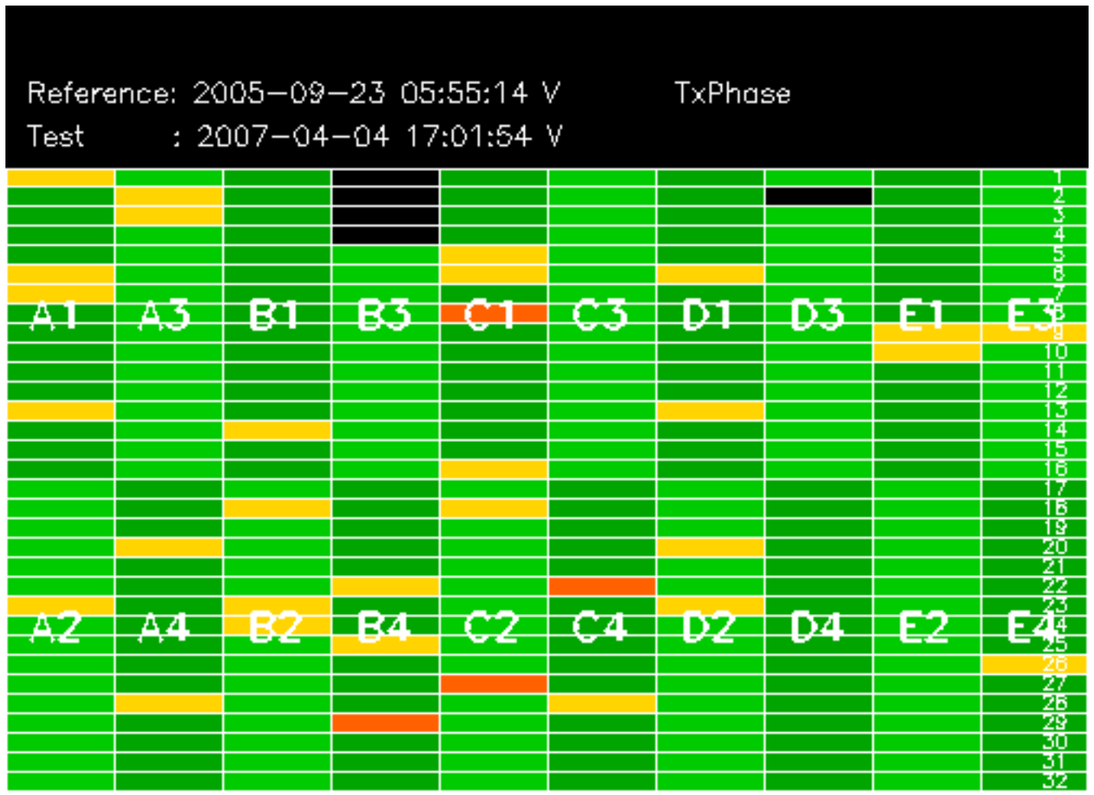
Reference: 2005-09-23 05:55:14 V
TxPhase
Test : 2007-04-04 17:01:54 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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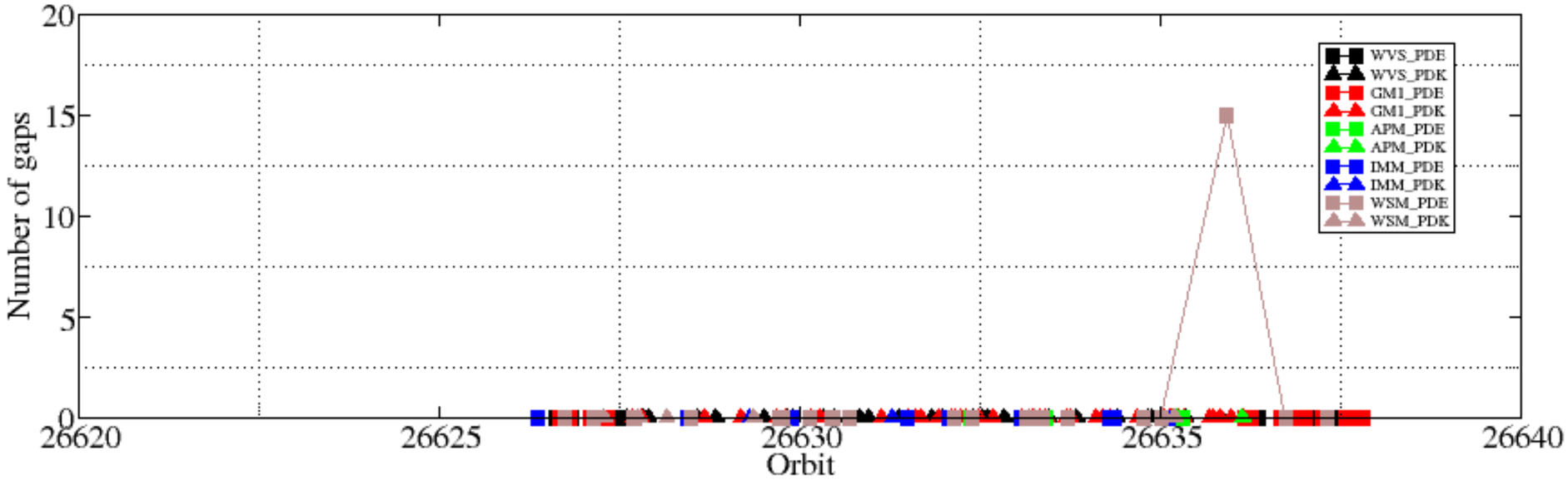
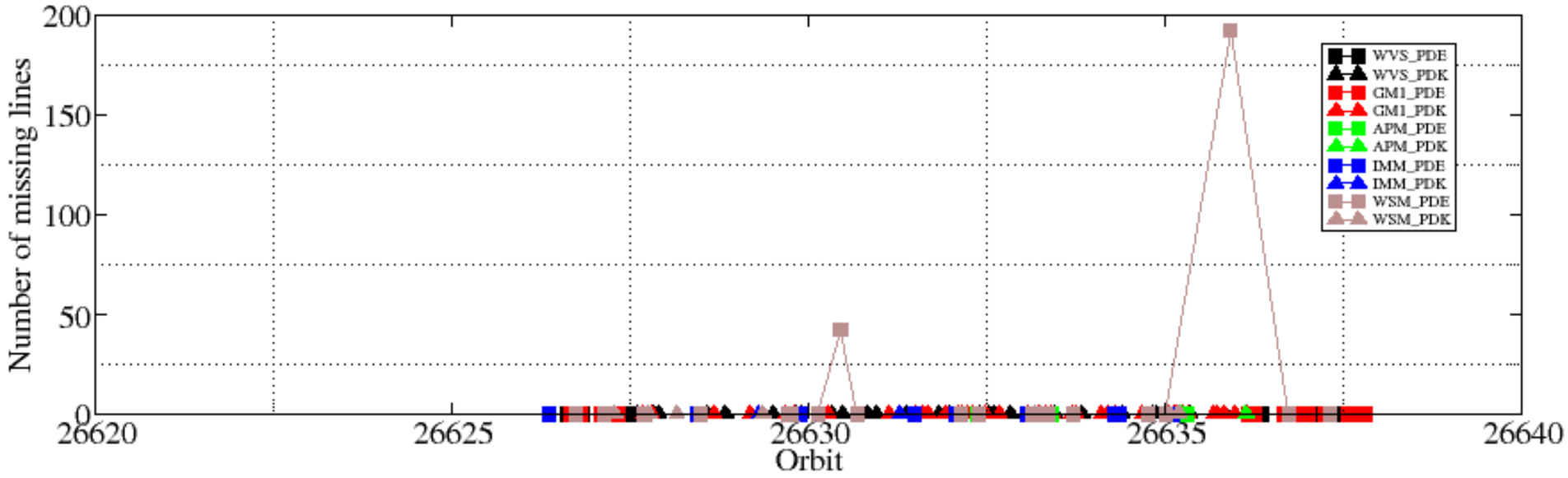

20
15
10
5
0
Number of gaps
26620
26625
26630
26635
26640
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK


Number of missing lines
200
150
100
50
0
26620
26625
26630
26635
26640
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK