

Analysis from 26-MAR-2008 00:00:00 to 26-MAR-2008 23:59:59. Page generated on 27-MAR-2008 07:34:20.
View log file: ASAR_Daily_Report_20080327_0730.log. For any anomalies please contact mtranfaglia@serco.it, gscarpino@serco.it.

This report is automatically generated every day, every 2 hours. No comments are provided on the results.

SUMMARY

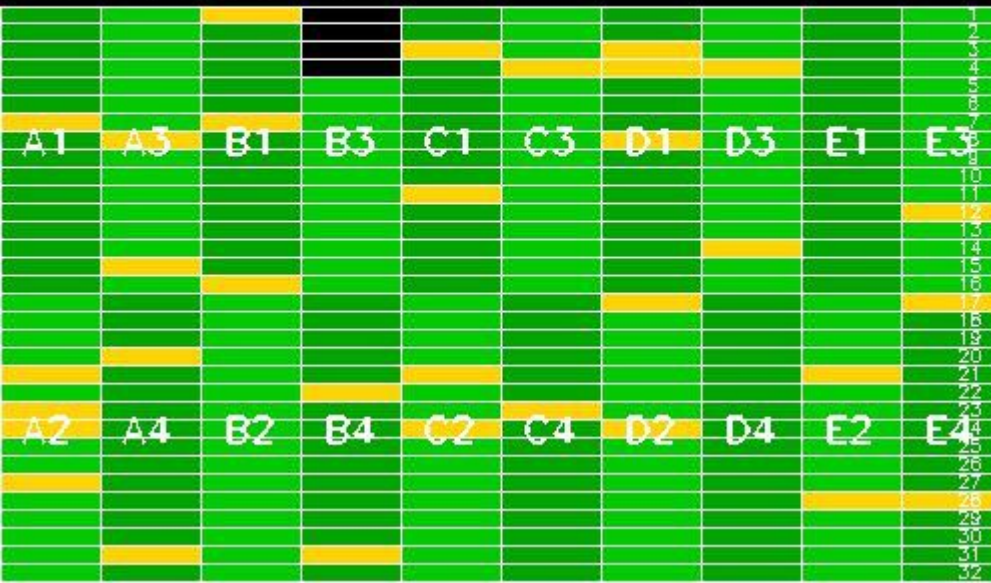
1. DATA SUMMARY
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 - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
 - 2.1 IECF operational ADFs list
 - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
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 - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
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 - 6.1.1 ScaleFactor
 - 6.2 Analysis for WSM SS1 V/V
 - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
 - 7.1 Analysis for WVS
 - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
 - 8.1 Number of Missing Lines
 - 8.2 Number of Gaps

1 - DATA SUMMARY

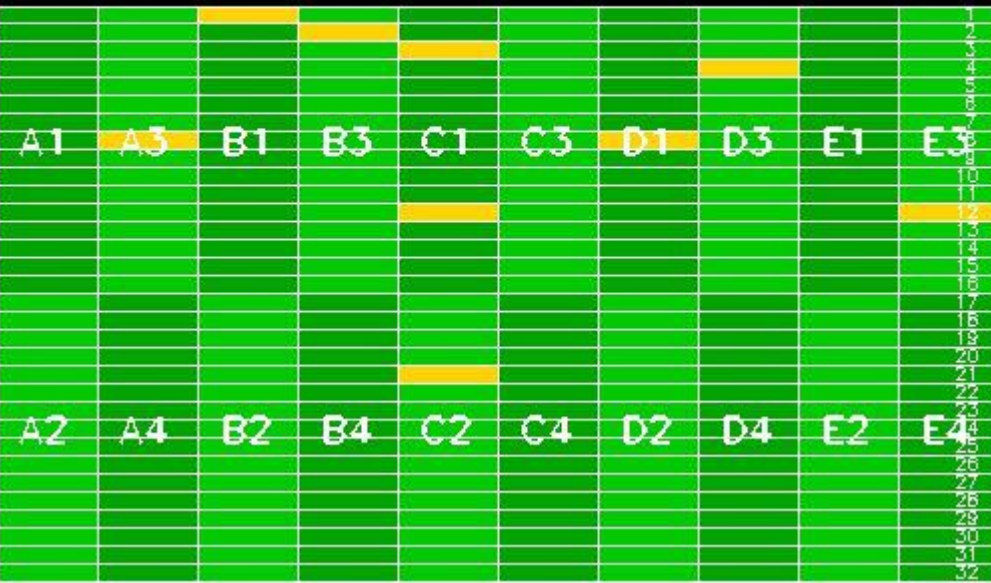
1.1 - Summary tables

[[BACK TO MENU](#)]

Reference: 2005-09-23 05:55:14 V RxPhase
 Test : 2008-03-25 08:50:25 V



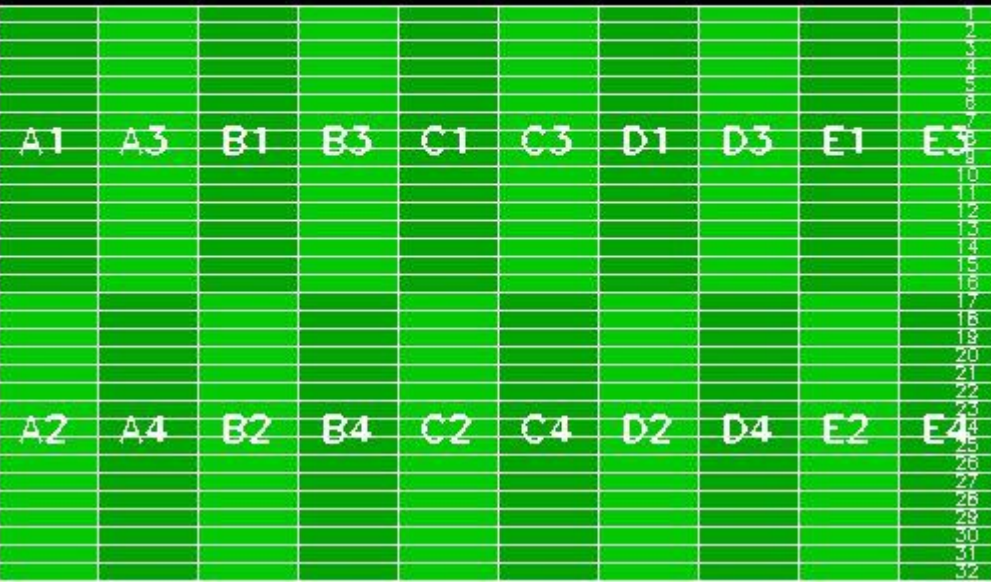
Reference: 2008-03-23 09:53:39 V RxPhase
 Test : 2008-03-25 08:50:25 V



Reference: 2005-09-23 05:55:14 V TxGain
 Test : 2008-03-25 08:50:25 V



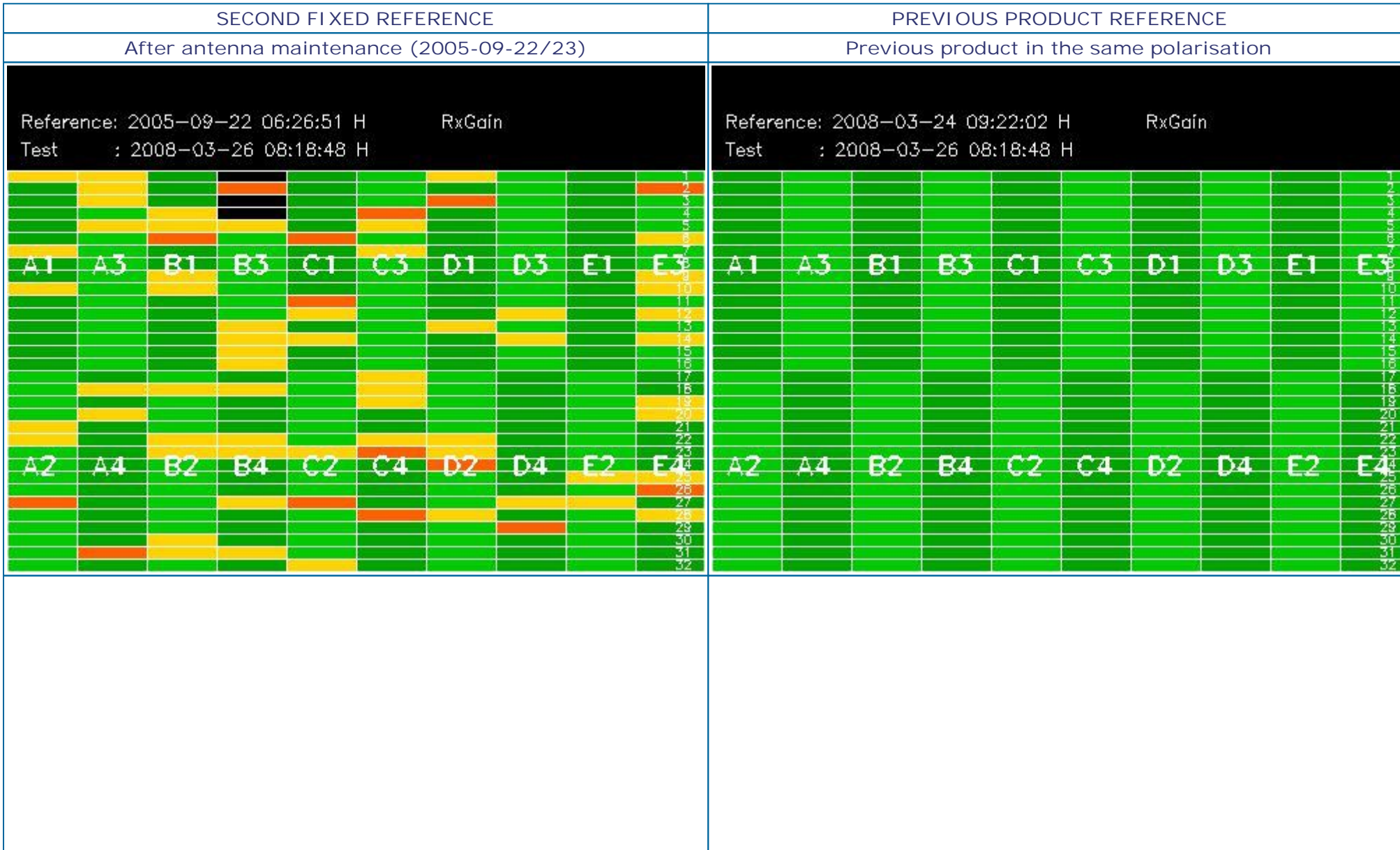
Reference: 2008-03-23 09:53:39 V TxGain
 Test : 2008-03-25 08:50:25 V

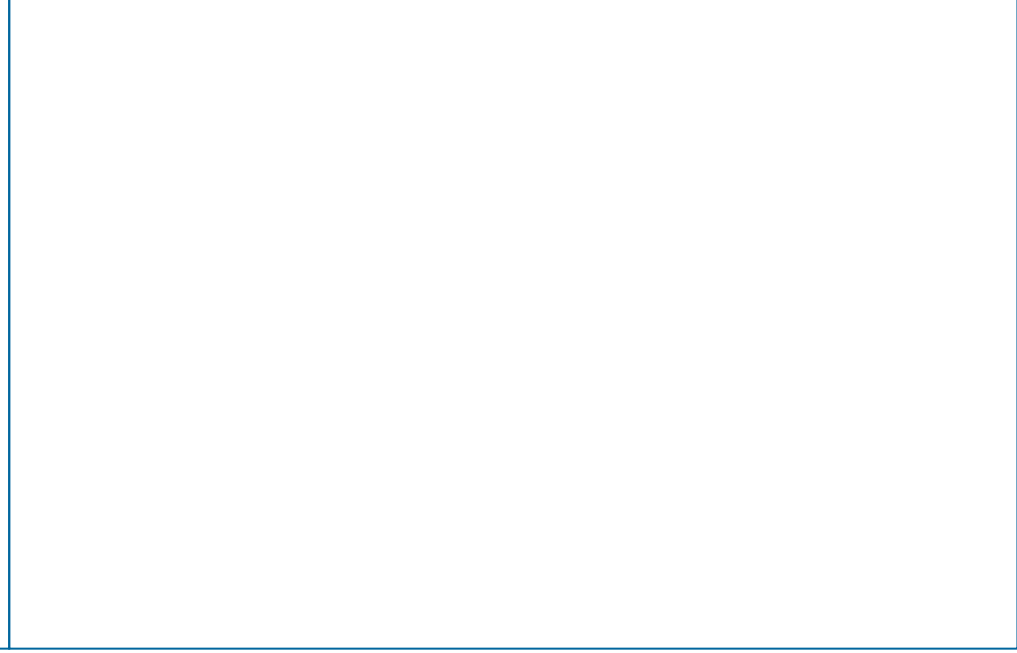
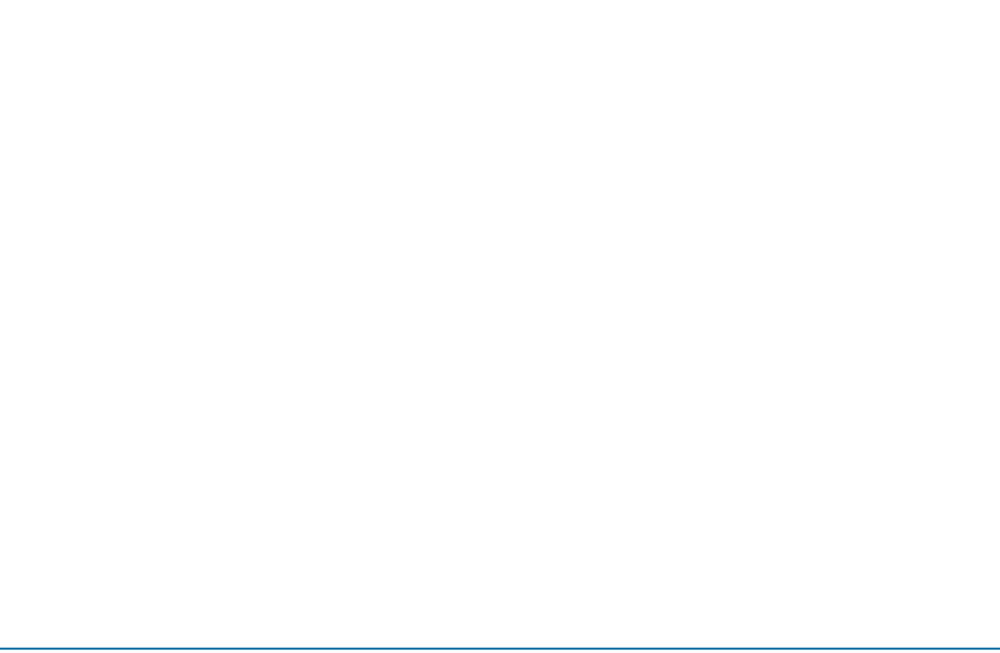
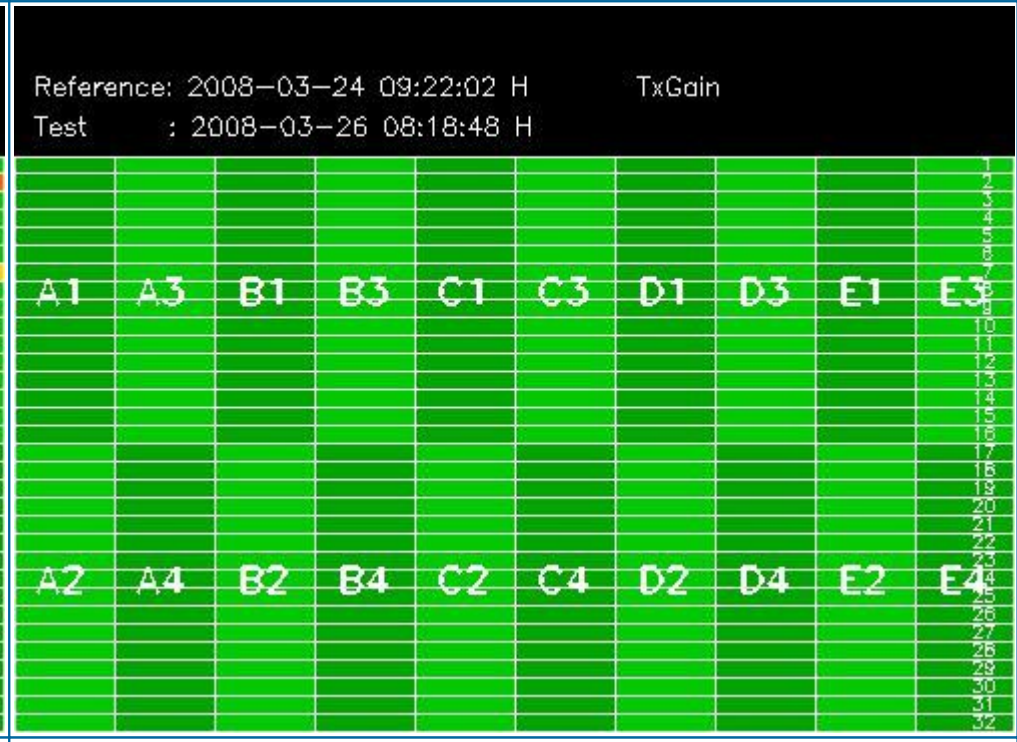
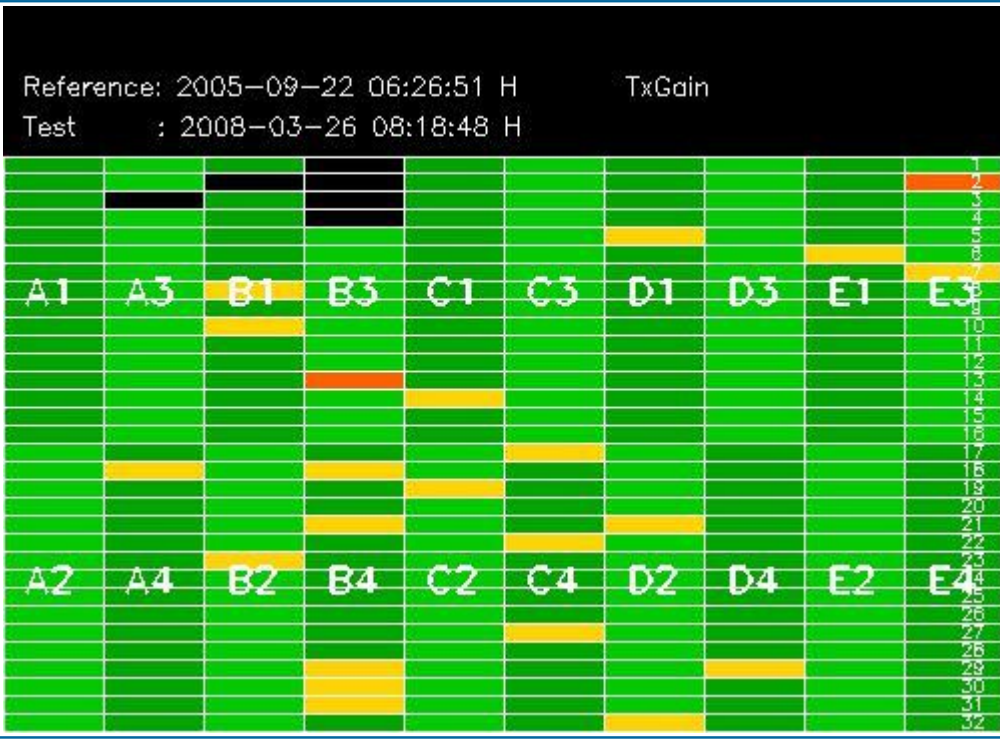
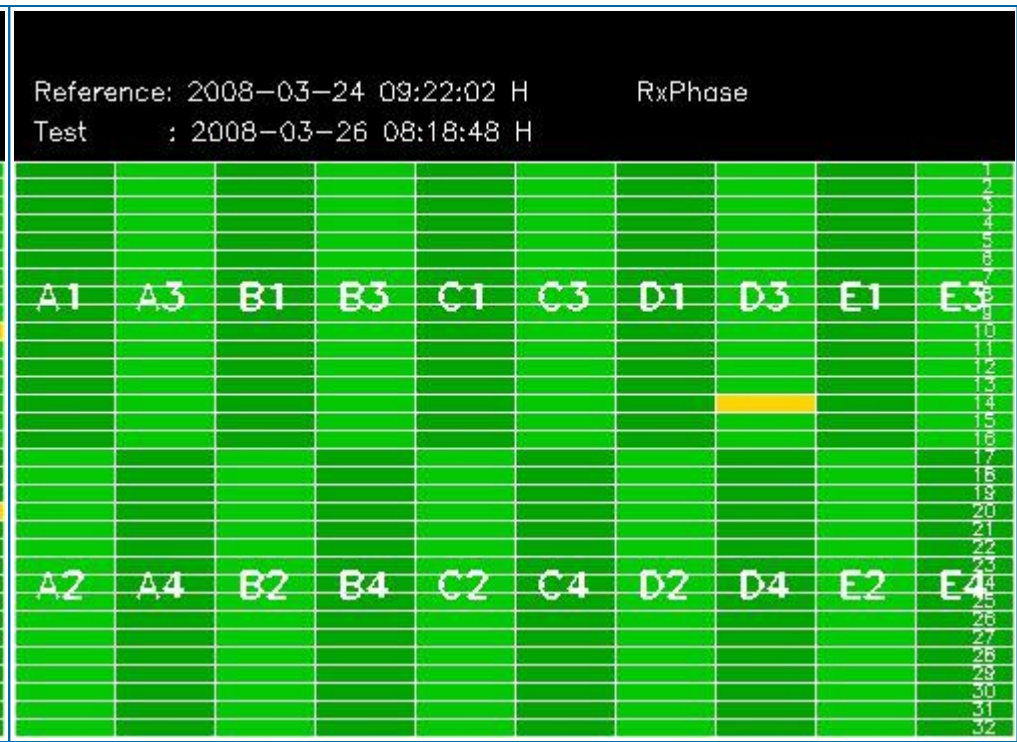




3.2 - H/H polarisation

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4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

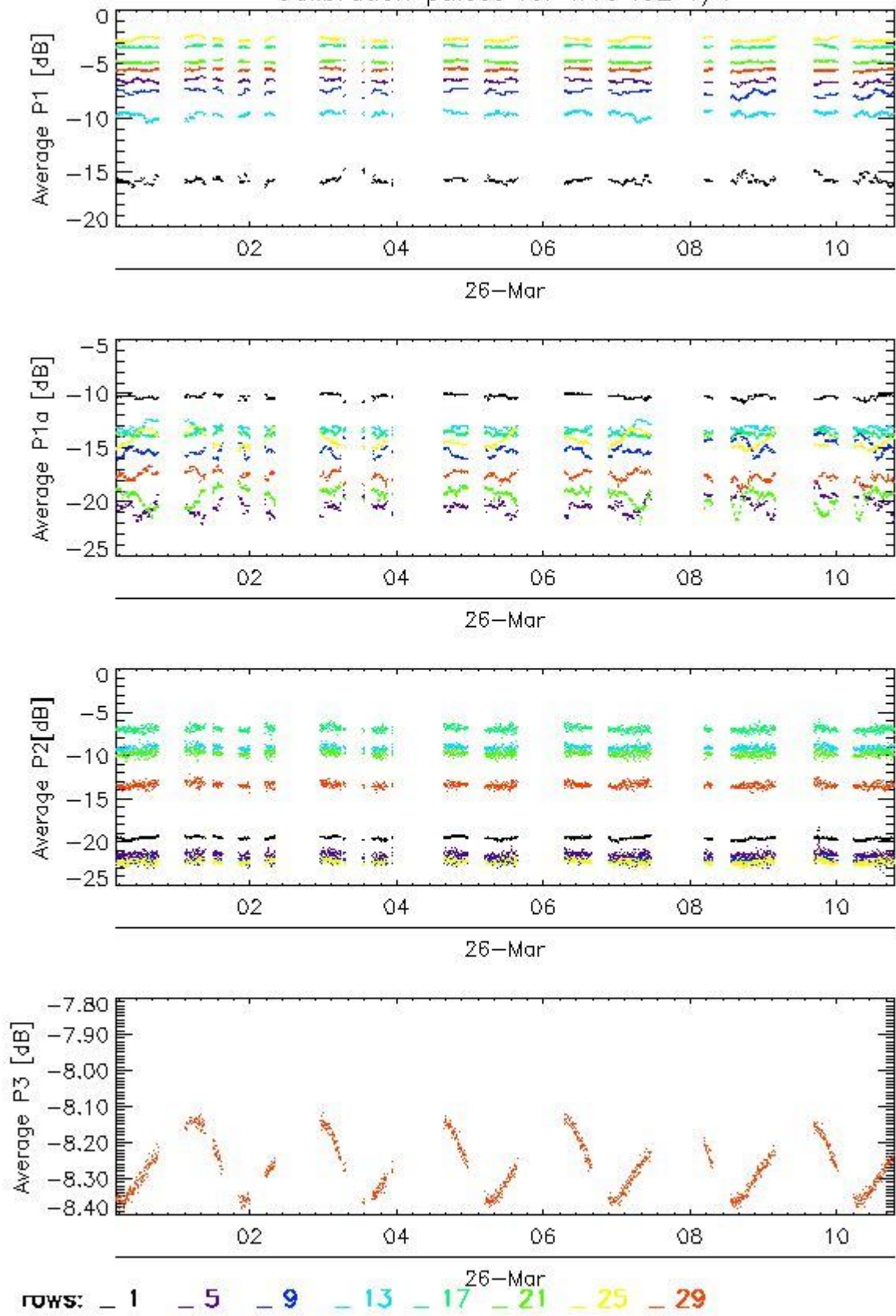
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

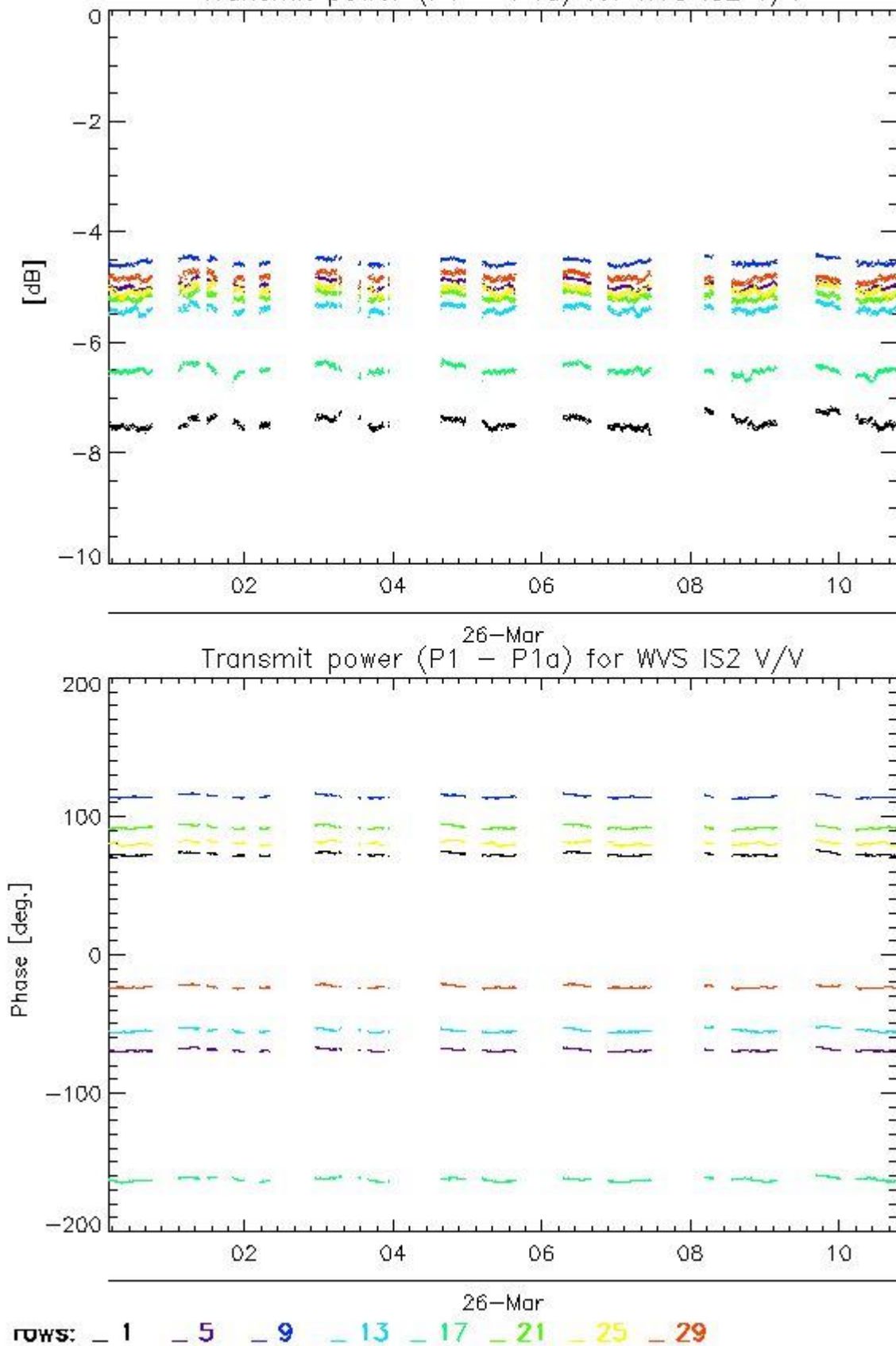
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

Calibration pulses for WVS IS2 V/V



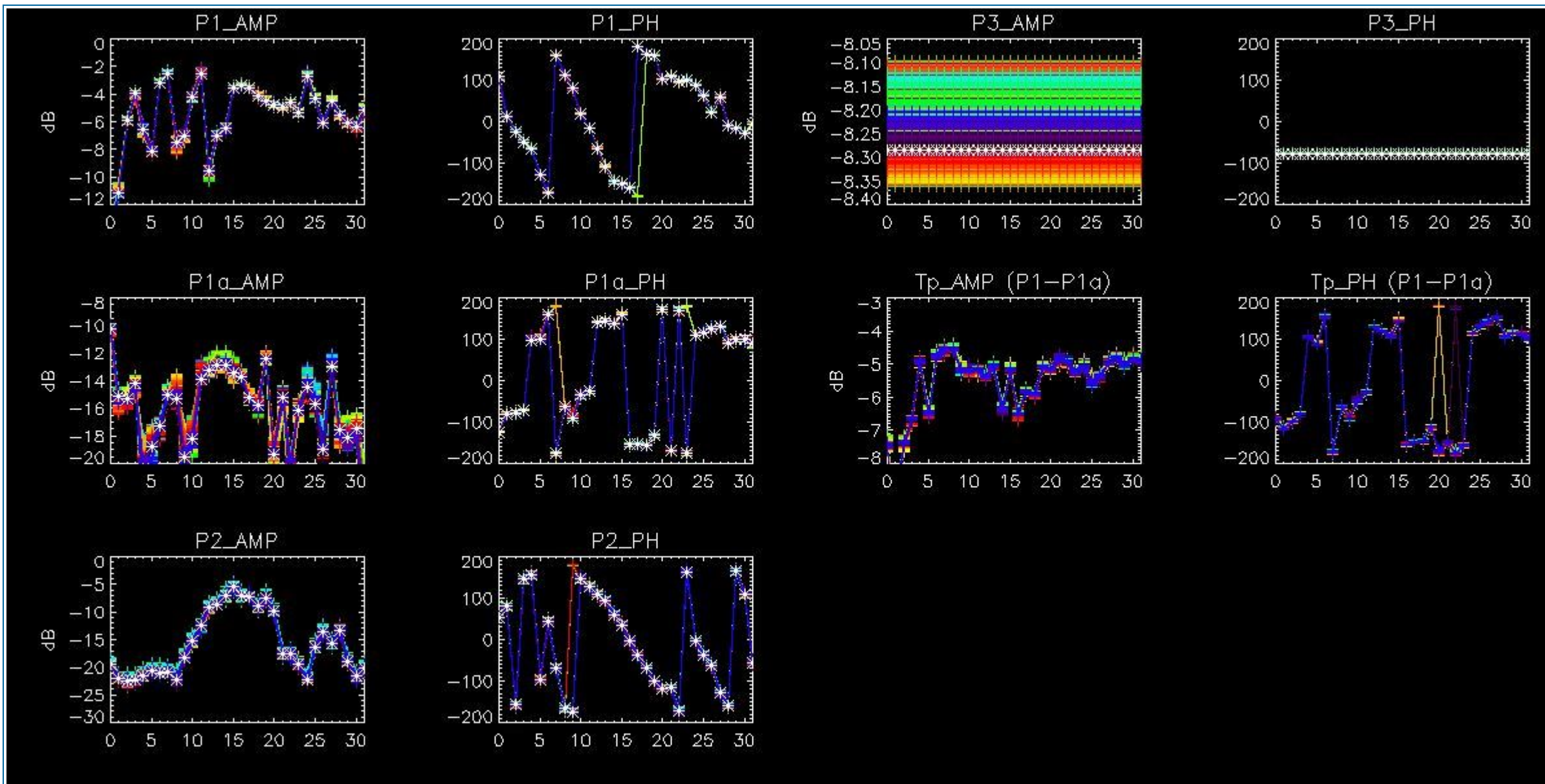
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

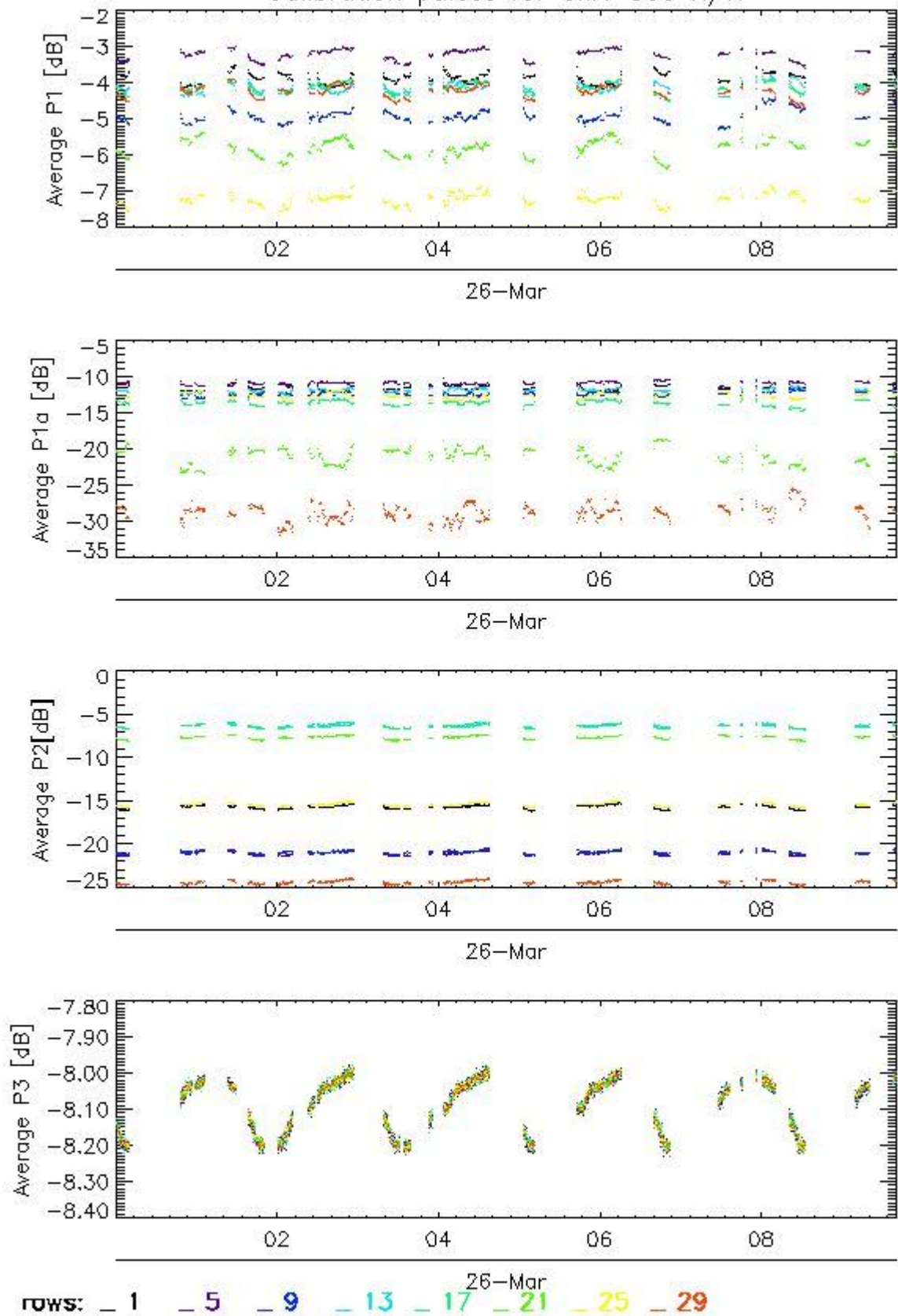
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

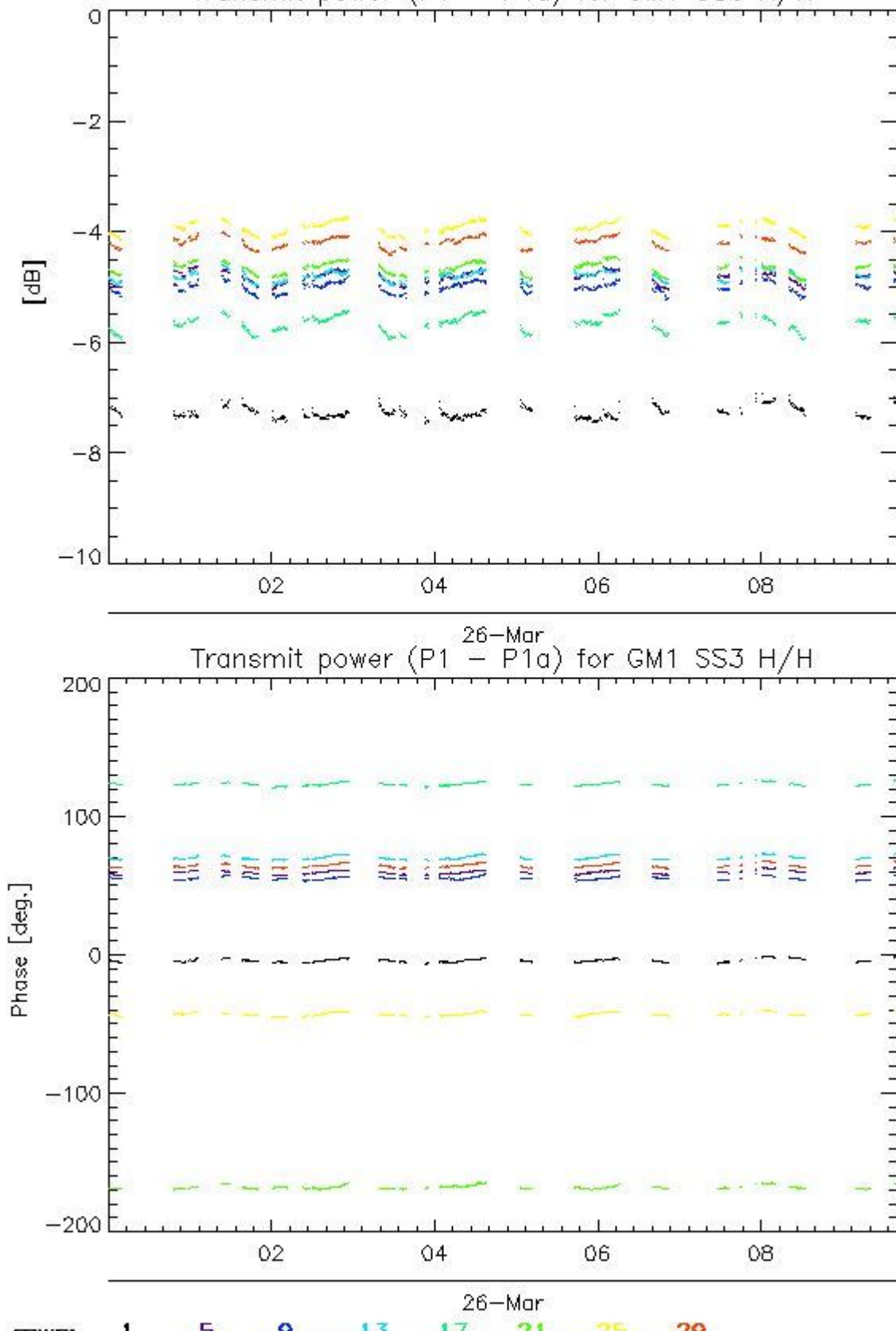
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

Calibration pulses for GM1 SS3 H/H



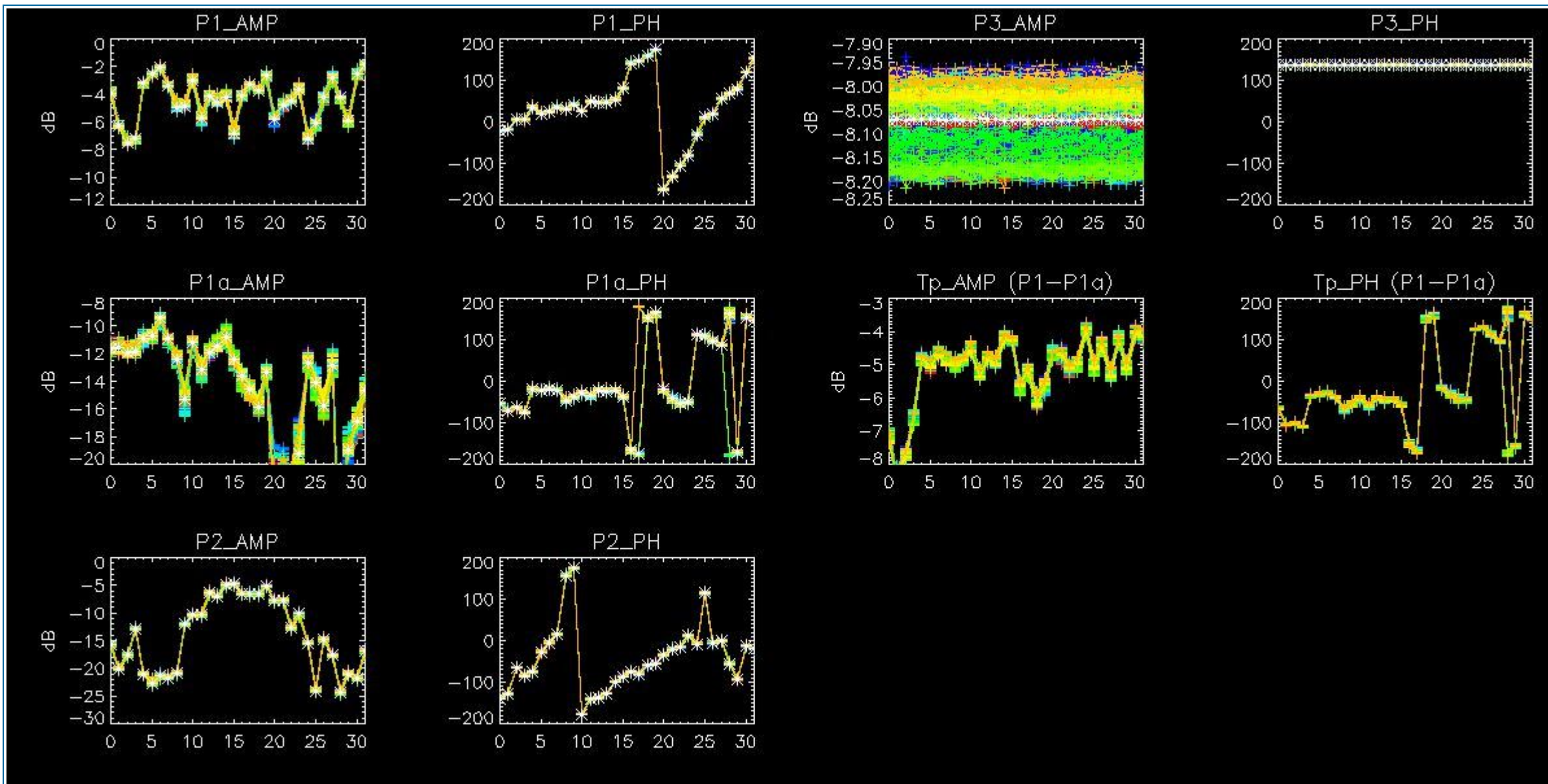
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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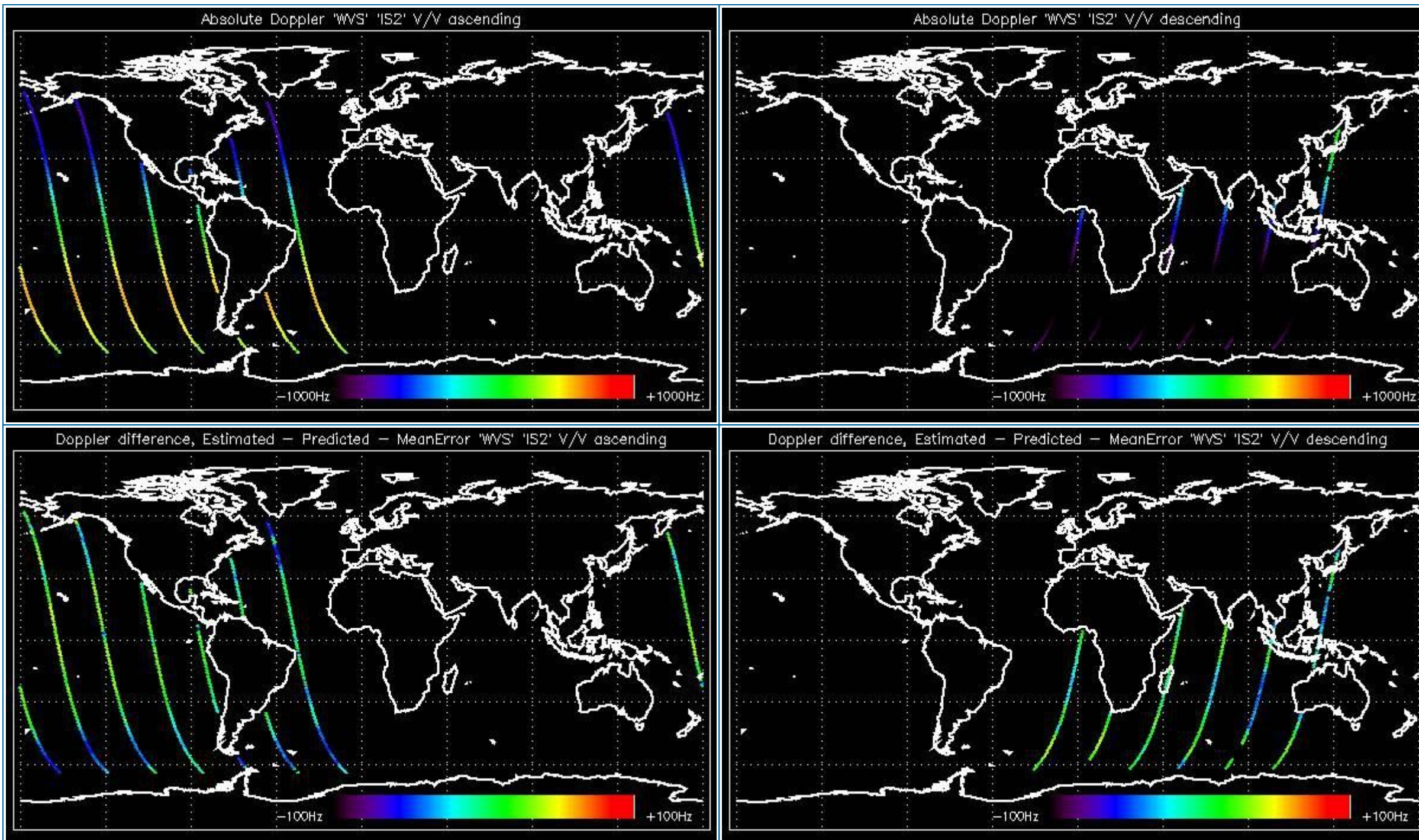
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

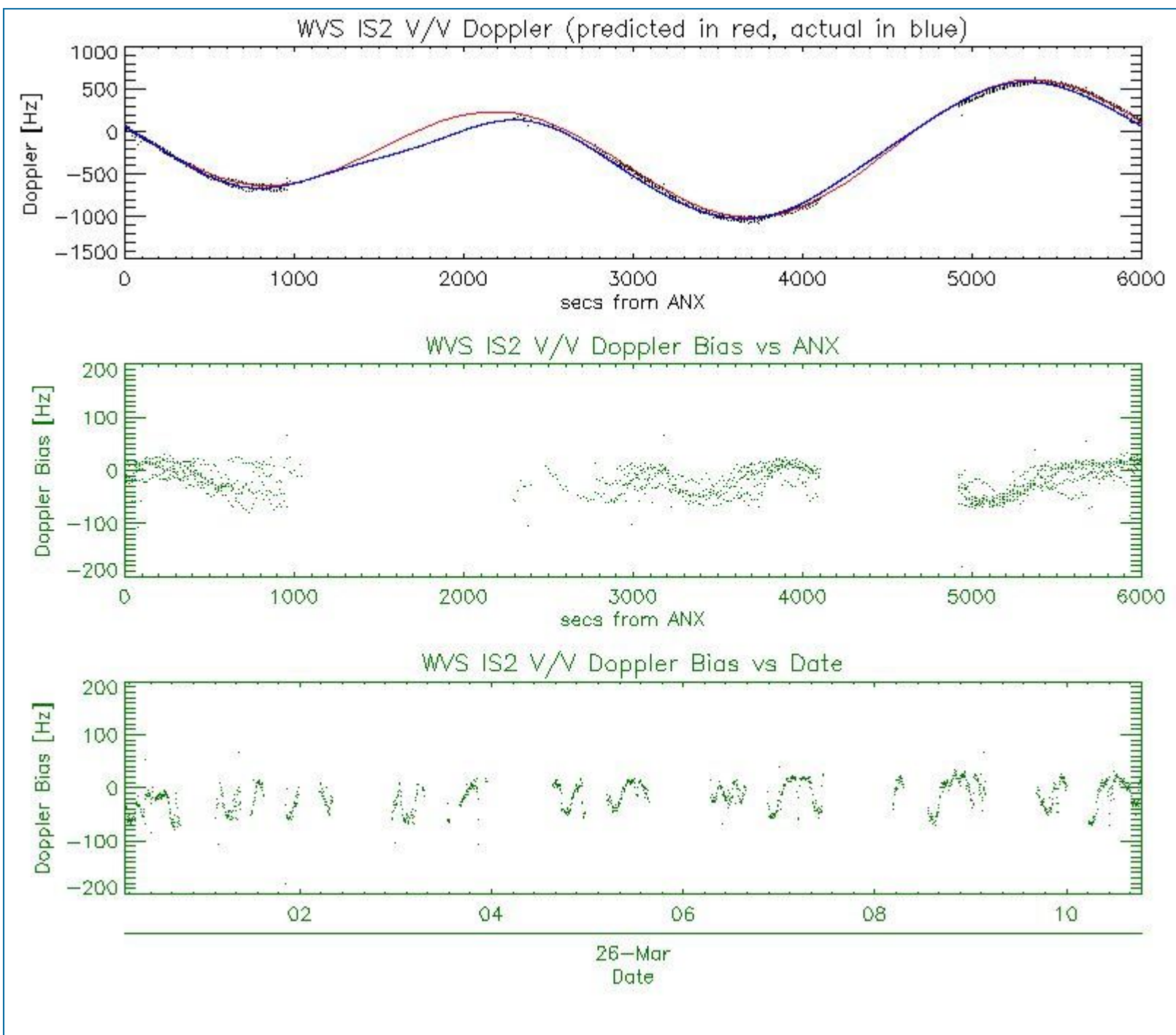




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



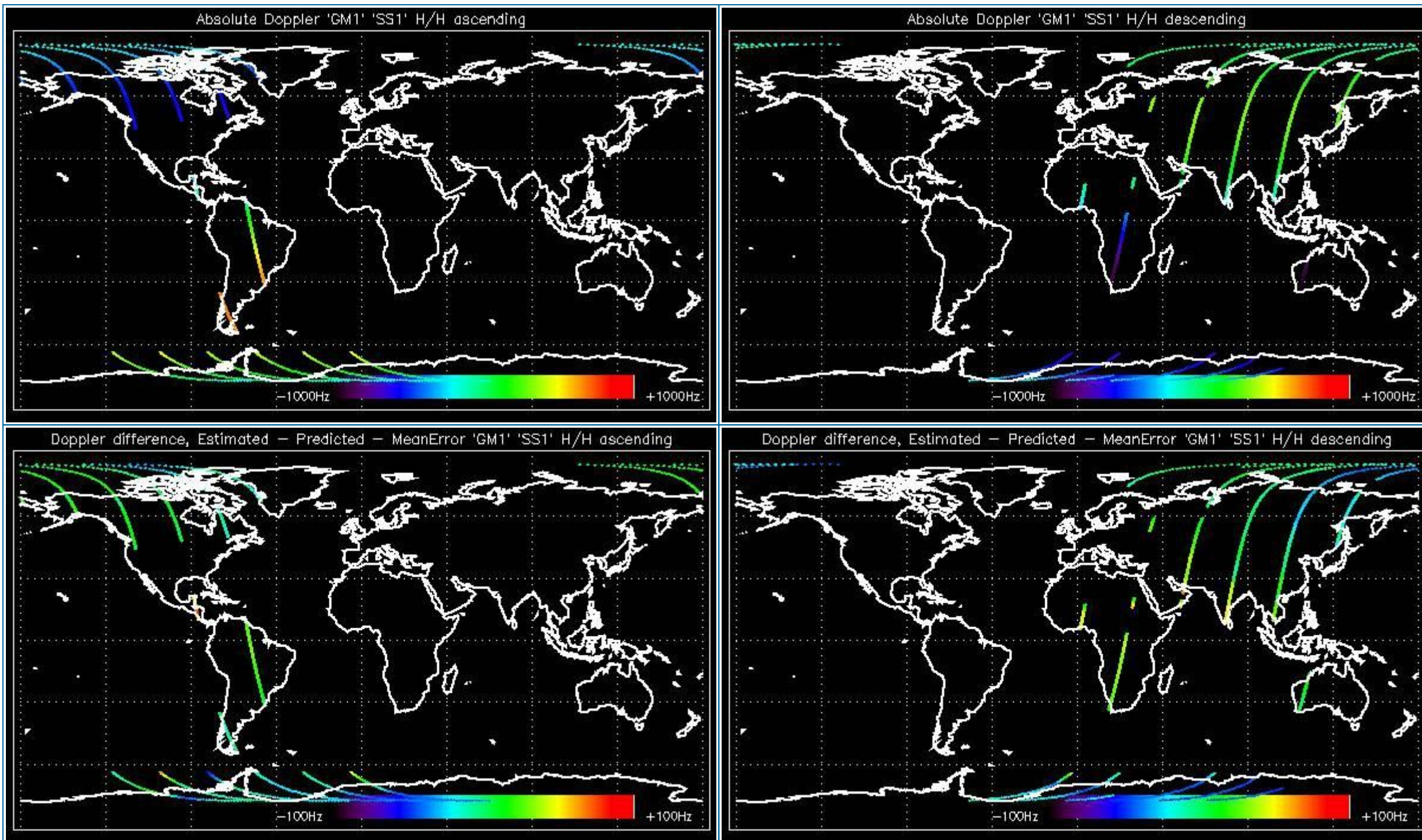


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]

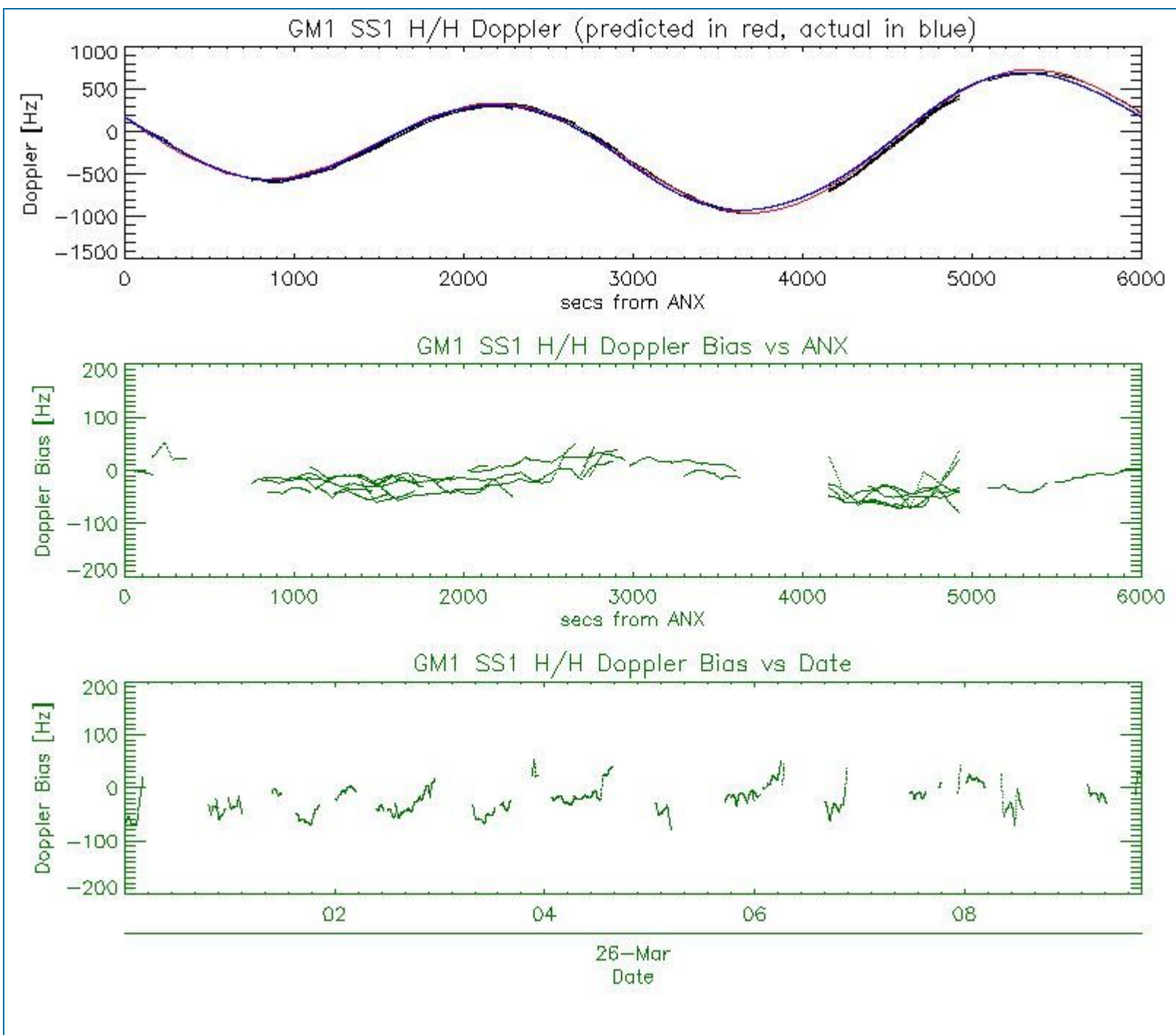




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

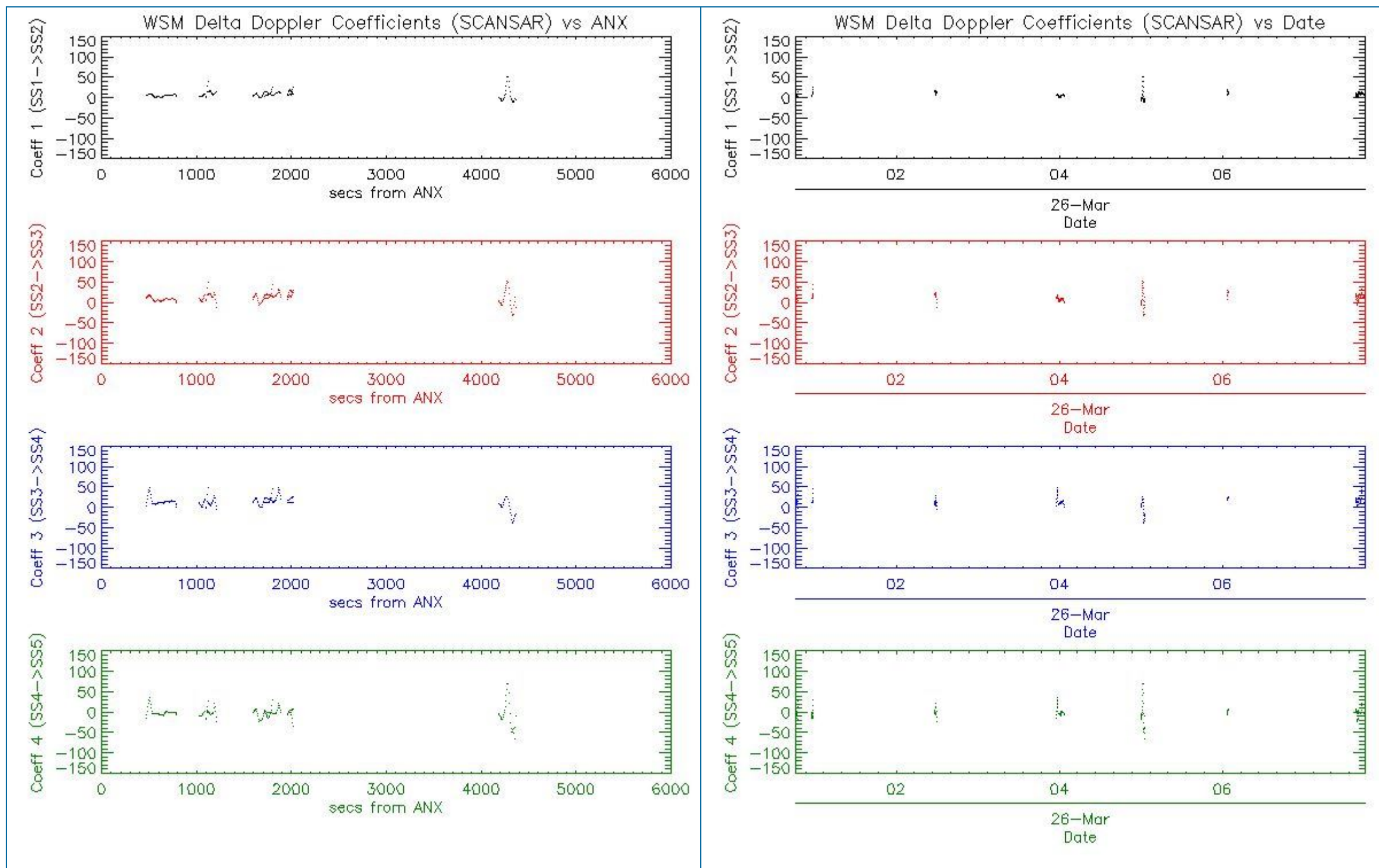




5.3 - Doppler JUMPS Analysis for WSM

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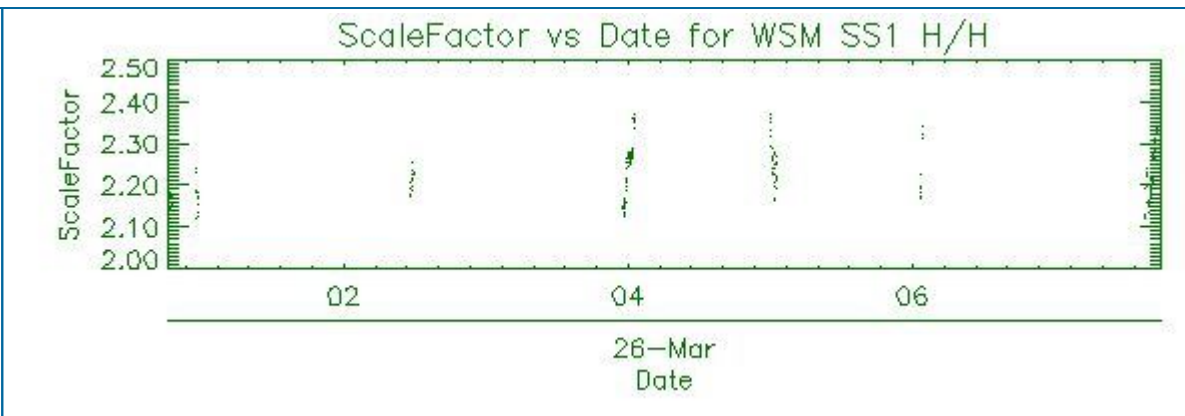
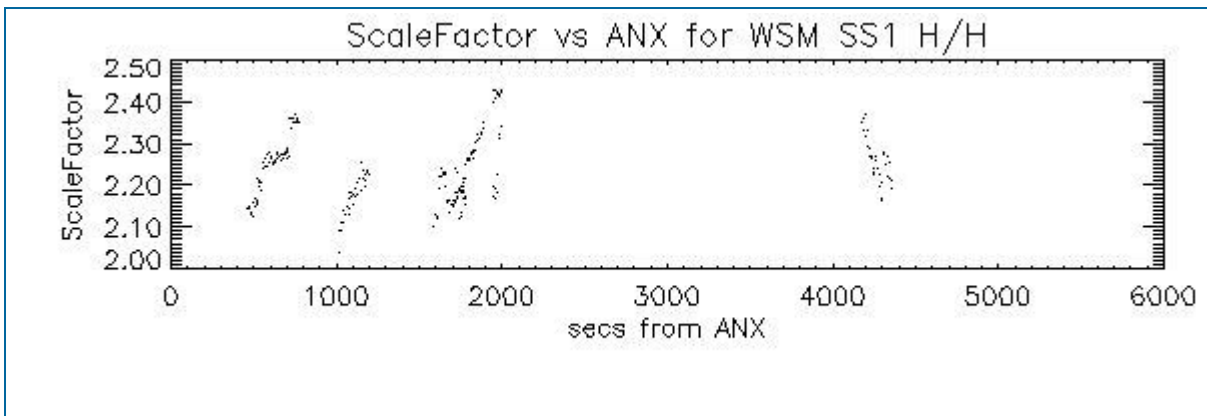
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

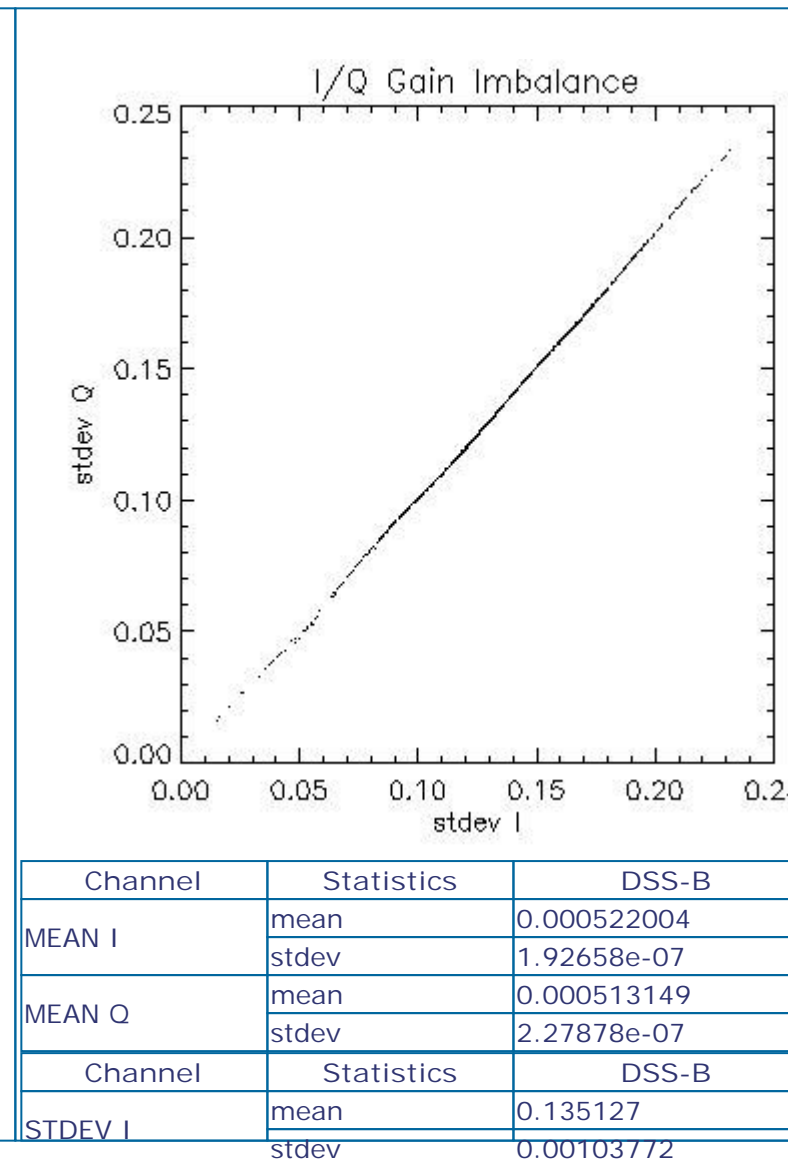
[BACK TO MENU]

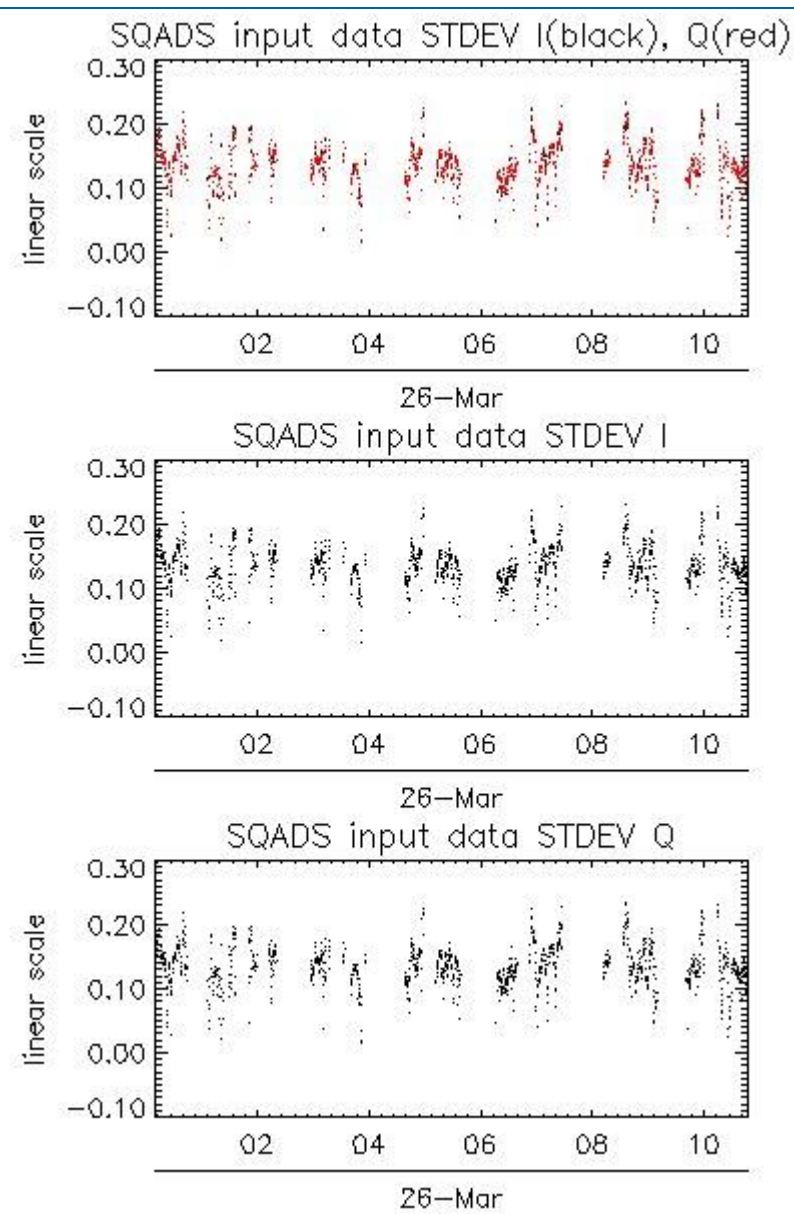
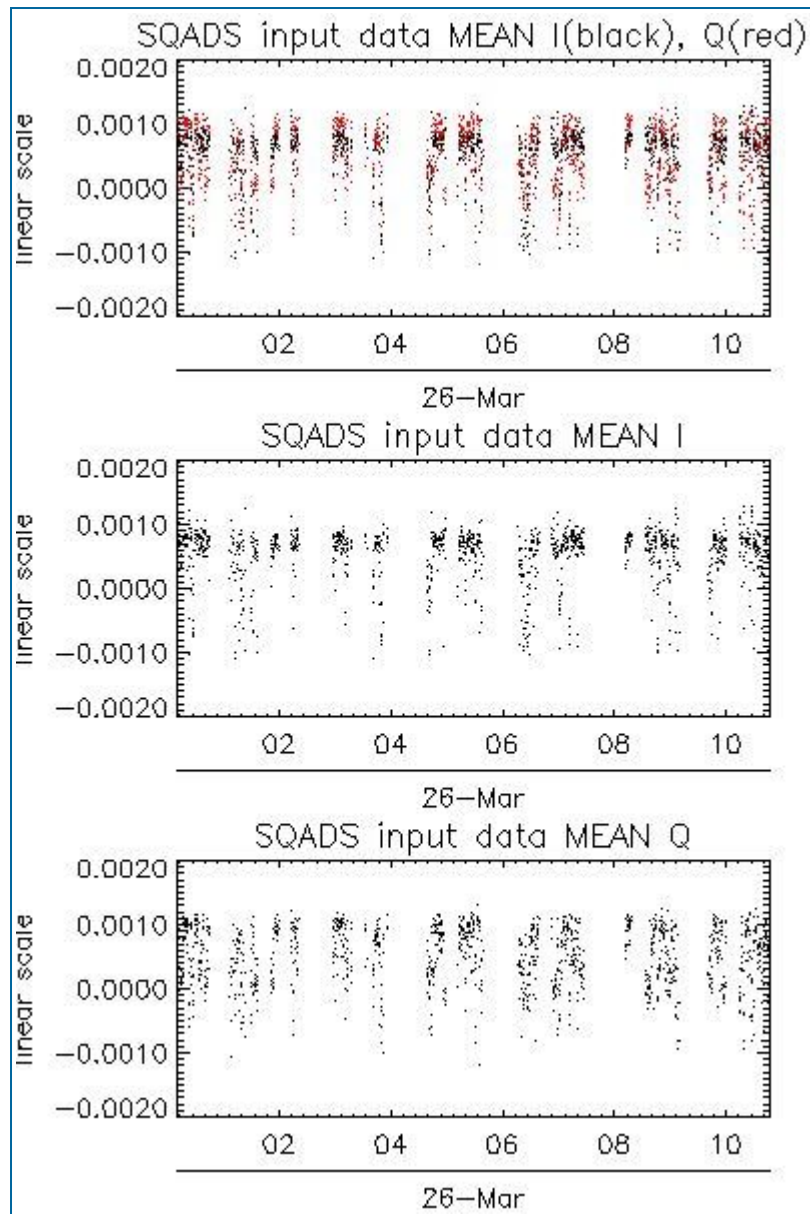


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[BACK TO MENU]



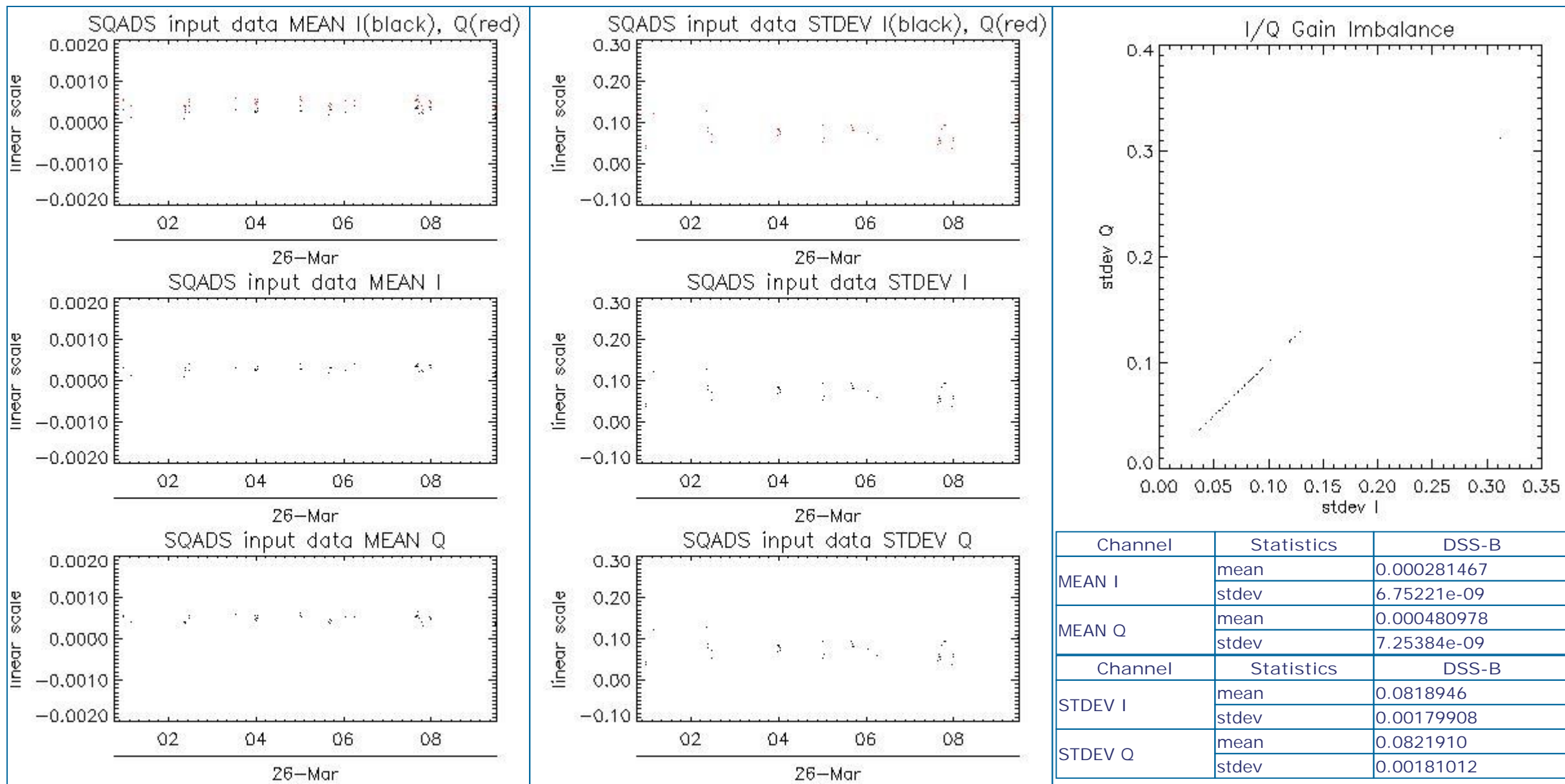


STDEV Q	mean	0.135505
	stdev	0.00105434

7.2 - Analysis for IMM

[[BACK TO MENU](#)]

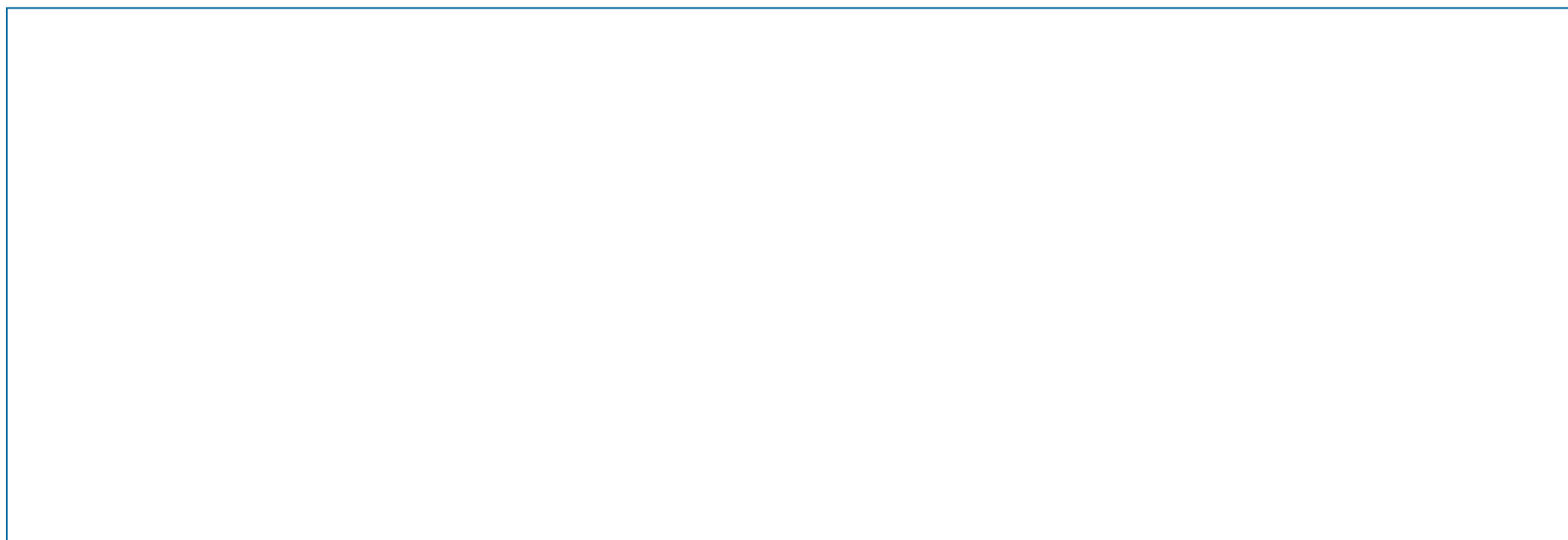


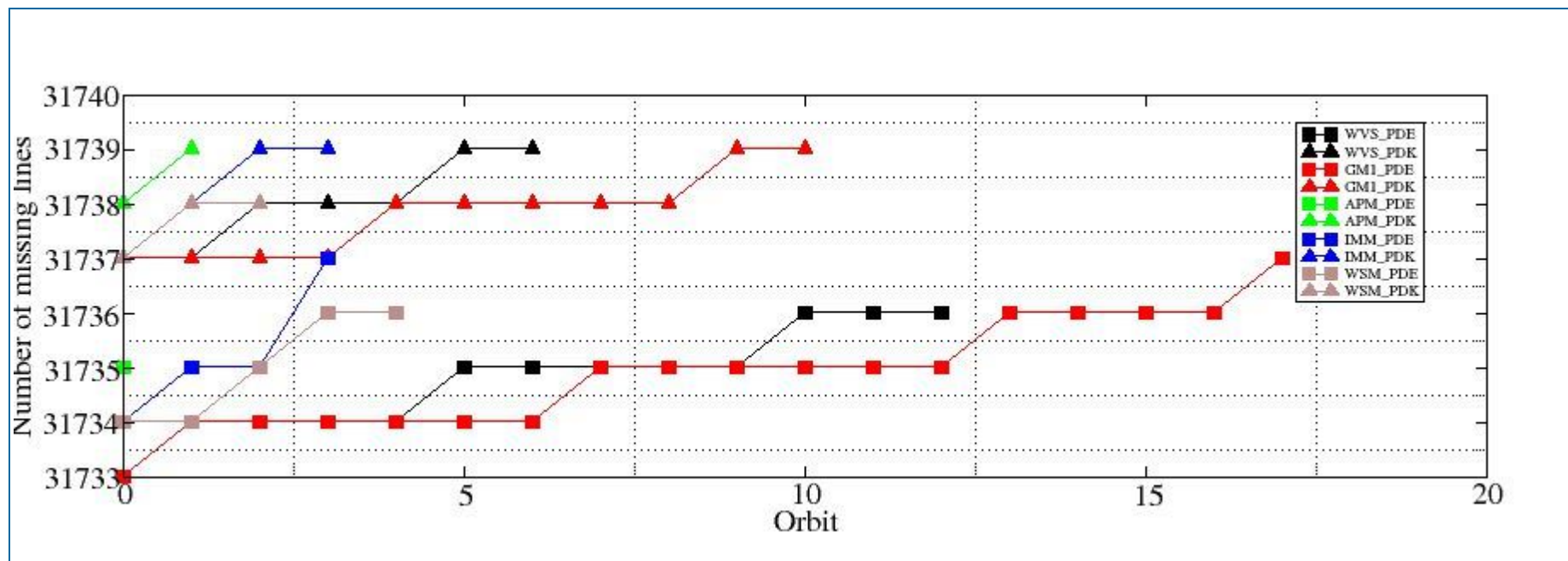


8 - TELEMETRY ANALYSIS

8.1 - Number of Missing lines

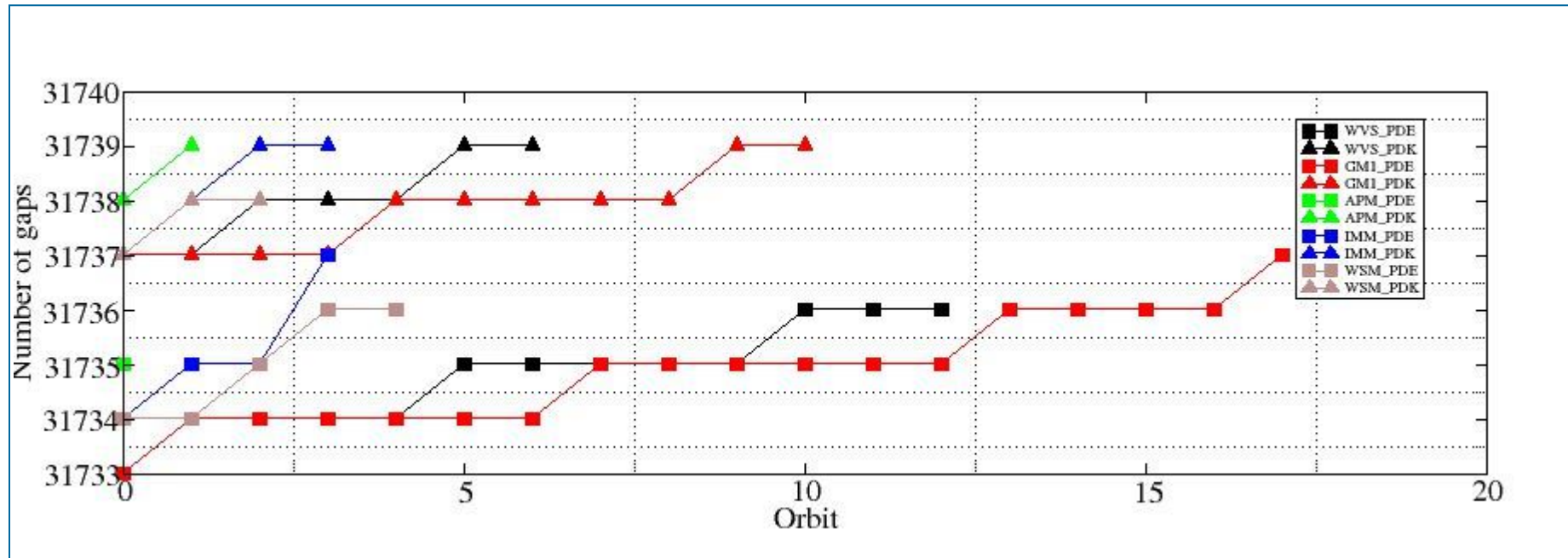
[BACK TO MENU]





8.2 - Number of Gaps

[\[BACK TO MENU \]](#)



ASAR DAILY REPORT for 080326
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/080326/

DATA SUMMARY

Summary will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/080326/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/080326/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/080326/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/080326/AUXILIARY

Creating directory ./RESULTS/DAILY/080326/AUXILIARY...

Looking for the IECF operational ADFs list...

No IECF ADFs list available for the selected period...

Writing file ./RESULTS/DAILY/080326/AUXILIARY/ASAR_ADFs_IECF_List3.html...

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/080326/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/080326/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/080326/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1

Test product: ASA_MS__0PNPDK20080326_081848_000000162067_00121_31738_0512.N1

H

H

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/TGH_20080326_081848-20050922_062651.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/TPH_20080326_081848-20050922_062651.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/RGH_20080326_081848-20050922_062651.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/RPH_20080326_081848-20050922_062651.png

Polarization: V

Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1

Test product: ASA_MS__0PNPDK20080325_085025_000000162067_00107_31724_0511.N1

V

V

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/TGV_20080325_085025-20050923_055514.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/TPV_20080325_085025-20050923_055514.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/RGV_20080325_085025-20050923_055514.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/SECOND_REFERENCE/RPV_20080325_085025-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20080324_092202_000000162067_00093_31710_0510.N1

Test product: ASA_MS__0PNPDK20080326_081848_000000162067_00121_31738_0512.N1

H

H

../../RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20080326_081848-20080324_092202.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20080326_081848-20080324_092202.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20080326_081848-20080324_092202.png

../../RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20080326_081848-20080324_092202.png

Polarization: V

Reference product: ASA_MS__0PNPDK20080323_095339_000000162067_00079_31696_0509.N1

Test product: ASA_MS__0PNPDK20080325_085025_000000162067_00107_31724_0511.N1

V

V

.././RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20080325_085025-20080323_095339.png
.././RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20080325_085025-20080323_095339.png
.././RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20080325_085025-20080323_095339.png
.././RESULTS/DAILY/080326/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20080325_085025-20080323_095339.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/080326/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Analysing products WVS IS2 V/V

Writing image .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-03-26_1.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-03-26_2.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-03-26_3.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-03-26_4.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-03-26_1.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-03-26_2.dat...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing .././RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-03-26_3.dat...
Writing ../../RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/080326/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-03-26_4.dat...
Writing ../../RESULTS/DAILY/080326//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/080326//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/080326/DOPPLER...

DOPPLER ANX Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DOPPLER/Doppler_data_WVS_IS2_VV_2008-03-26.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080326/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DOPPLER/Doppler_data_GM1_SS1_HH_2008-03-26.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080326/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/DOPPLER/Doppler_Jumps_data_WSM_2008-03-26.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080326/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/080326/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59

Analysing products WVS IS2 V/V
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -18.850197 Hz
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -15.847165 Hz
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -16.686917 Hz
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -28.505497 Hz
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/080326//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/080326/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/CHIRP/ScaleFactor_data_WSM_SS1_HH_2008-03-26.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080326/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/080326/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/CHIRP/ScaleFactor_data_WSM_SS1_VV_2008-03-26.dat...
ScaleFactor: no data to be processed for WSM SS1 V/V...
```

```
CHIRP ANALYSIS completed
#####
```


RAW DATA ANALYSIS

Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/080326/RAW_DATA

Creating directory ./RESULTS/DAILY/080326/RAW_DATA...

Getting raw data for WVS from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/RAW_DATA/Raw_data_WVS_2008-03-26.dat...
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2008-03-26 00:00:00 to 2008-03-26 23:59:59...
Writing file ./RESULTS/DAILY/080326/RAW_DATA/Raw_data_IMM_2008-03-26.dat...
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../RESULTS/DAILY/080326/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2008-03-26 00:00:00 to 2008-03-26 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/080326/TELEMETRY

Creating directory ./RESULTS/DAILY/080326/TELEMETRY...

Looking for gaps and missing lines in WVS products...

Checking 13 products from PDE...
Checking 7 products from PDK...

Looking for gaps and missing lines in GM1 products...

Checking 18 products from PDE...
Checking 11 products from PDK...

Looking for gaps and missing lines in APM products...

Checking 1 products from PDE...
Checking 2 products from PDK...

Looking for gaps and missing lines in IMM products...

Checking 4 products from PDE...
Checking 4 products from PDK...

Looking for gaps and missing lines in WSM products...

Checking 5 products from PDE...
Checking 3 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/080326/TELEMETRY/TELEMETRY_Missing_lines.png...



Creating image: ./RESULTS/DAILY/080326/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2008-03-26

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20080326/

ANALYSIS COMPLETED: 0 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20080326/

ANALYSIS COMPLETED: 0 AP browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20080326/

ANALYSIS COMPLETED: 0 IM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20080326/

ANALYSIS COMPLETED: 0 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/080326/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

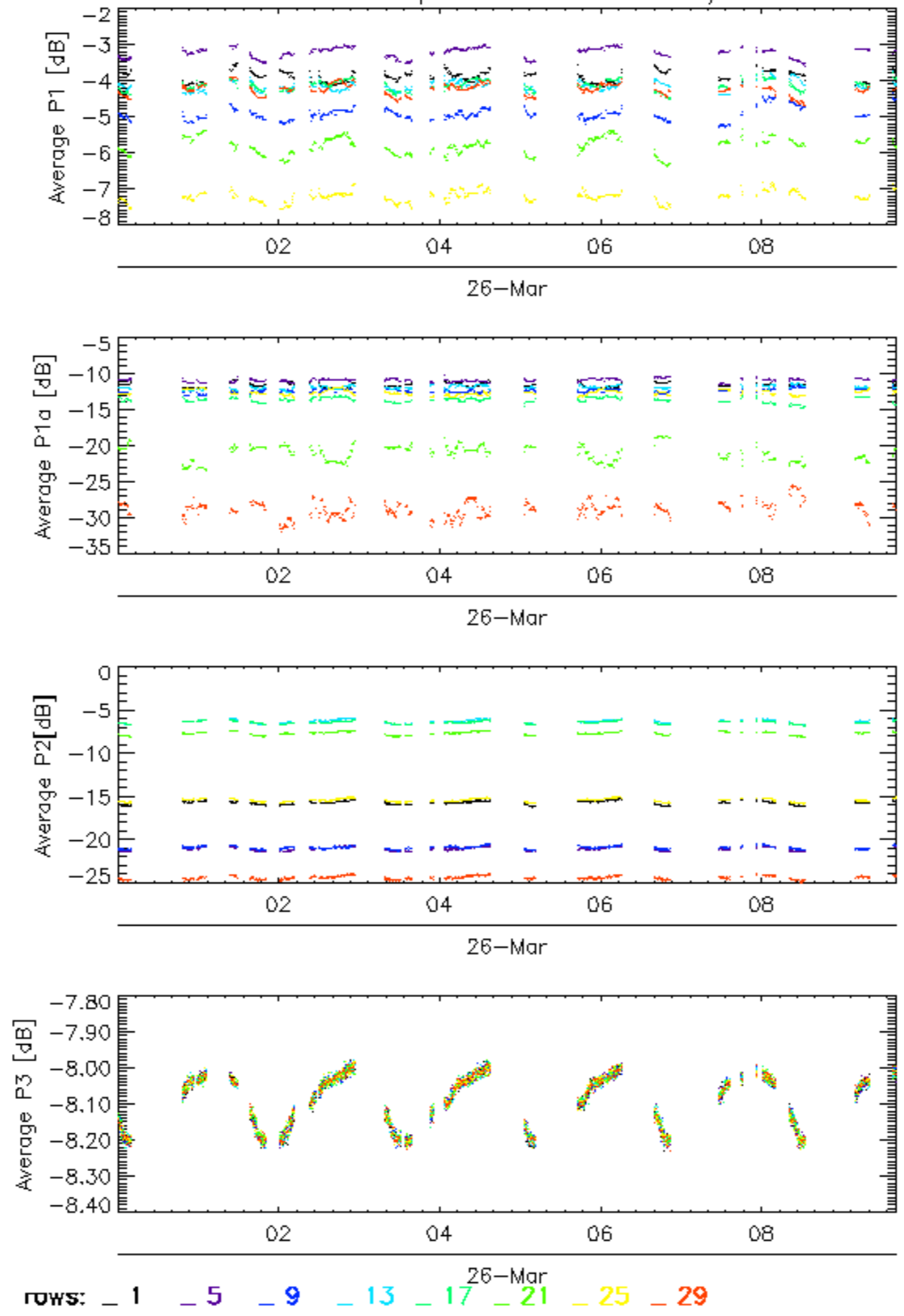
#####



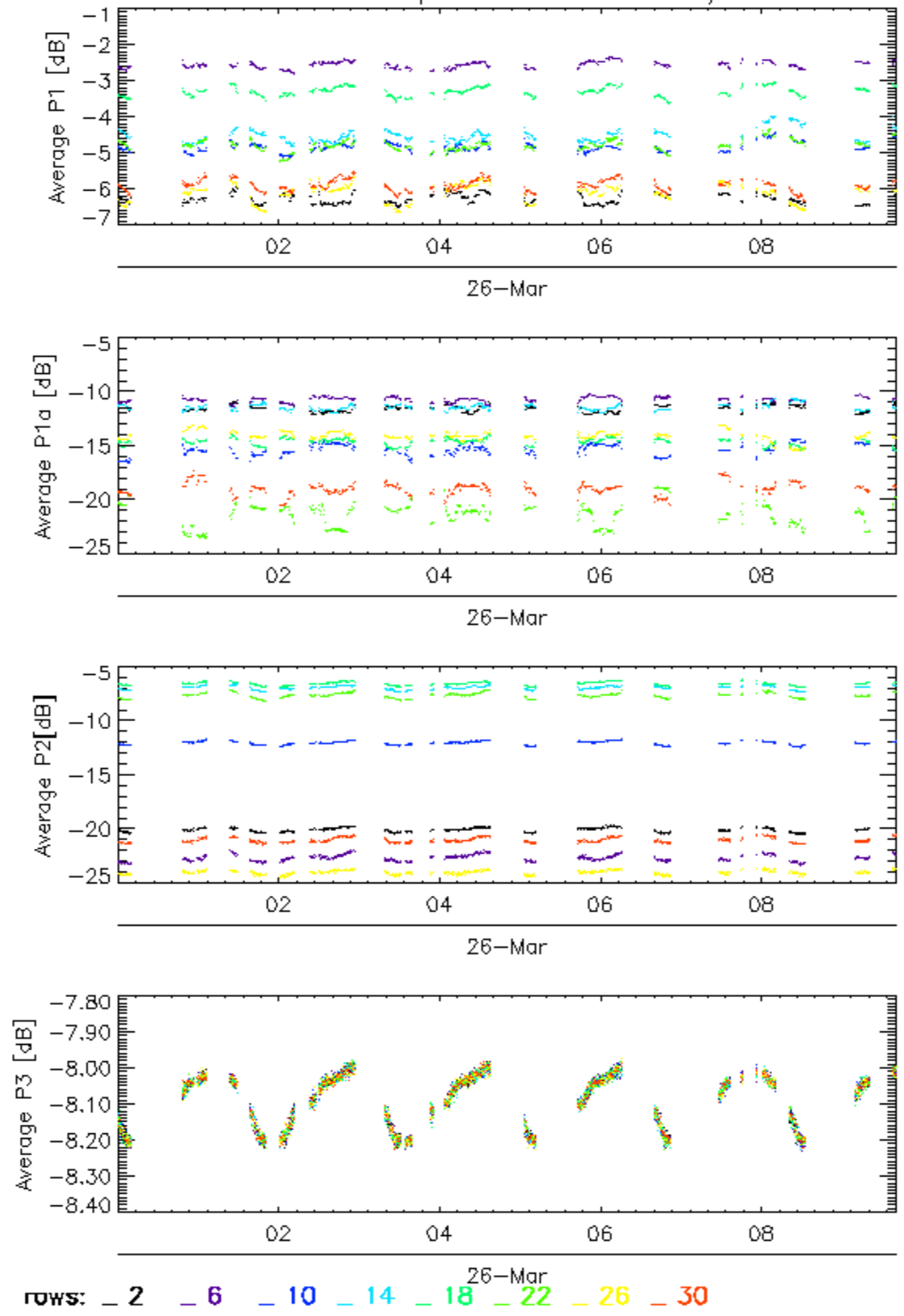
ASAR Daily Report



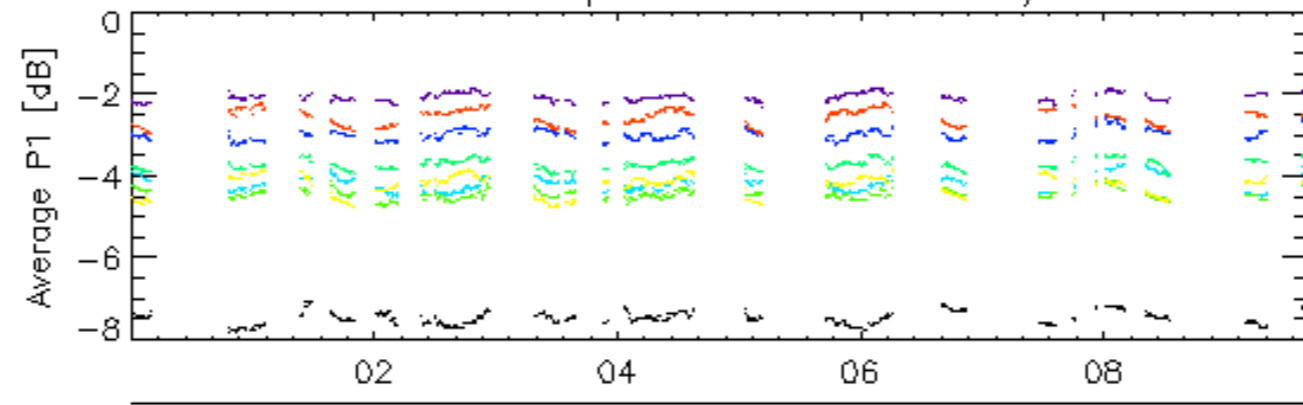
Calibration pulses for GM1 SS3 H/H



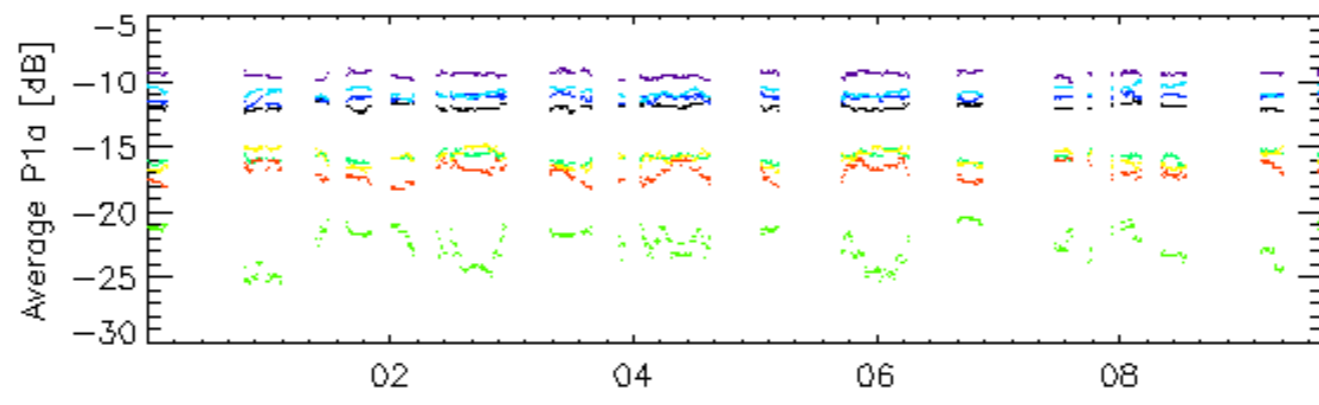
Calibration pulses for GM1 SS3 H/H



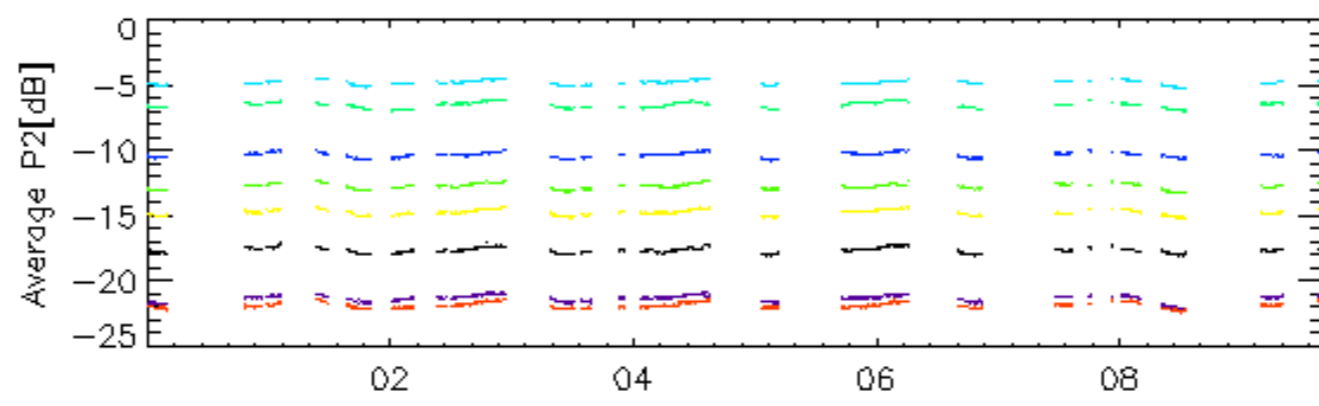
Calibration pulses for GM1 SS3 H/H



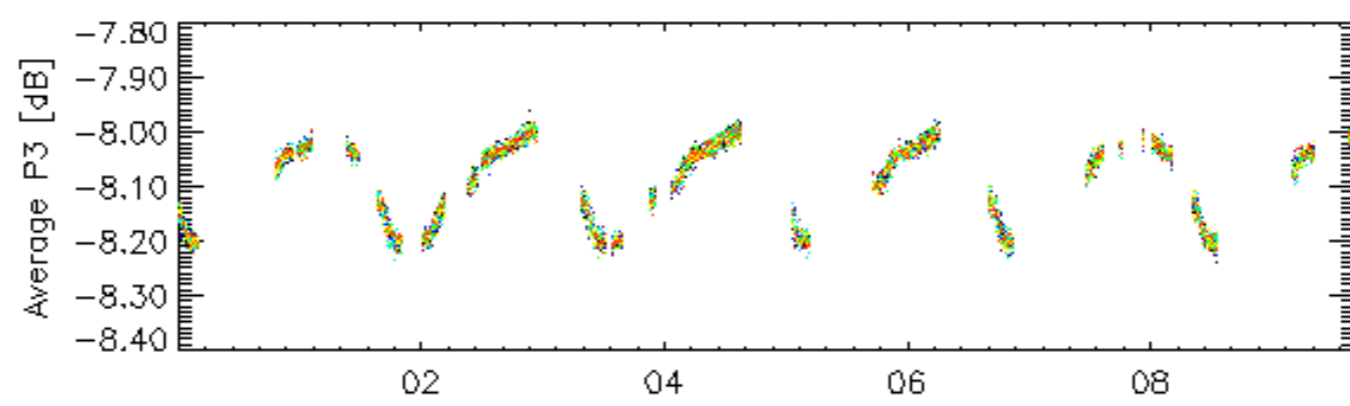
26-Mar



26-Mar



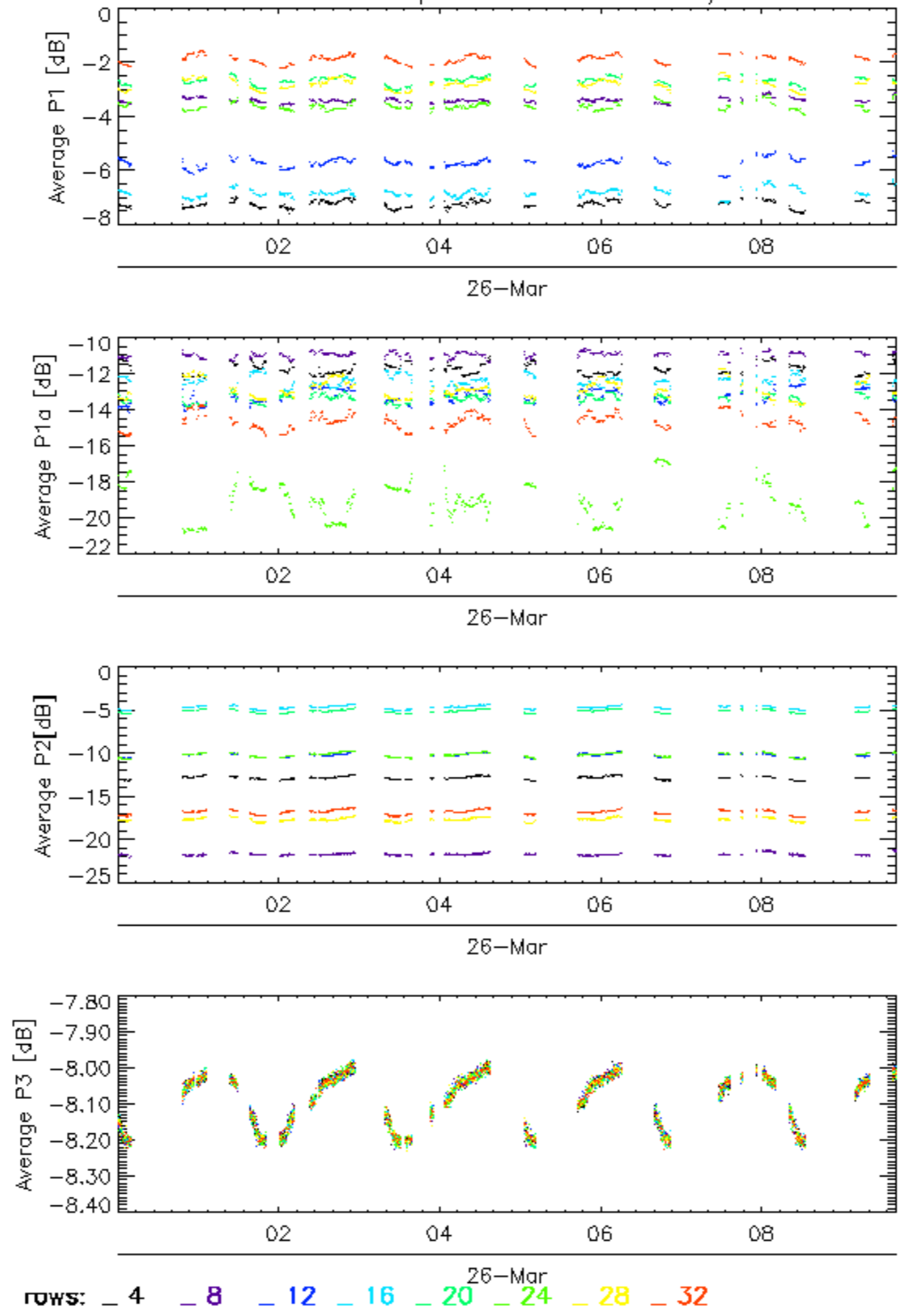
26-Mar



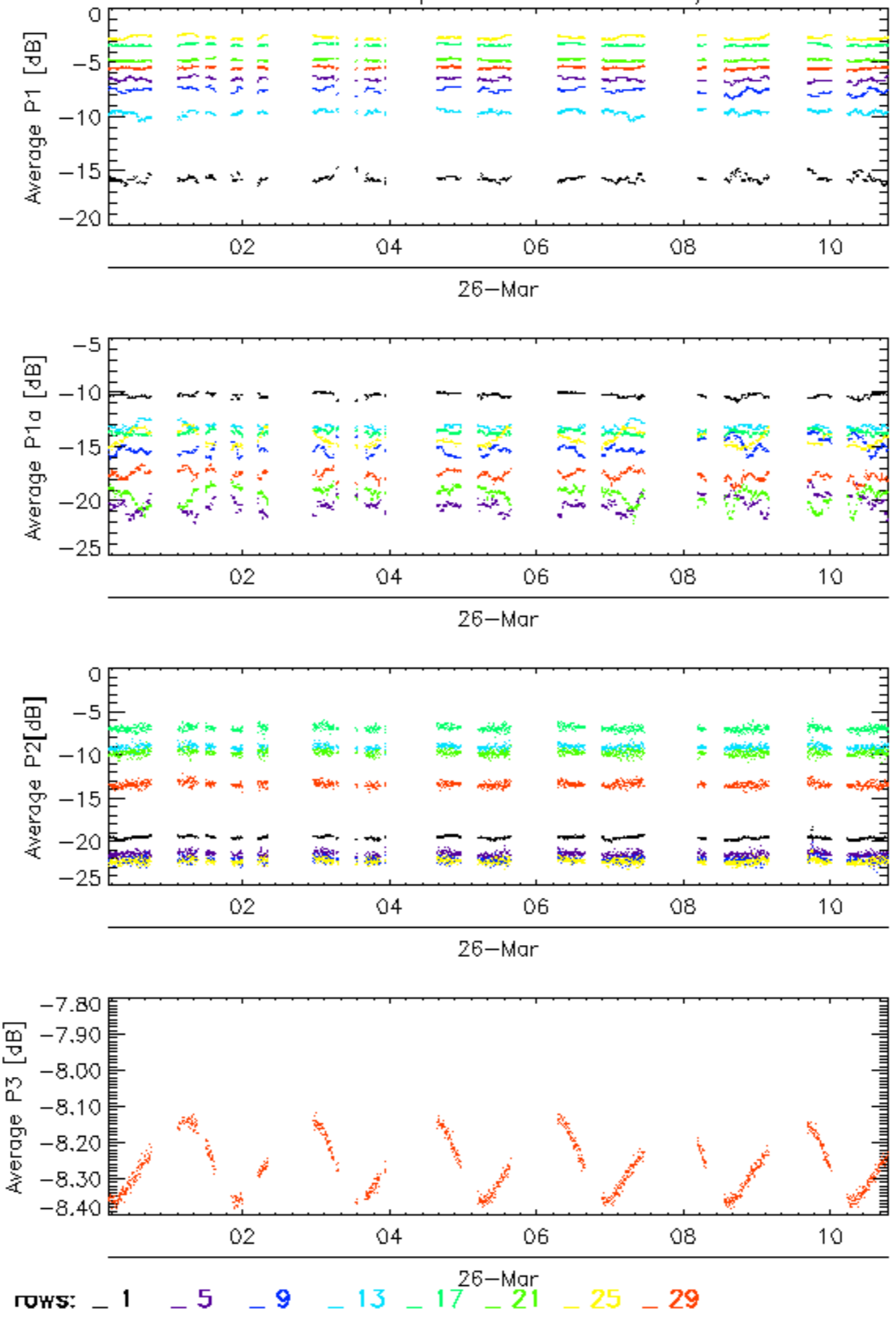
26-Mar

rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

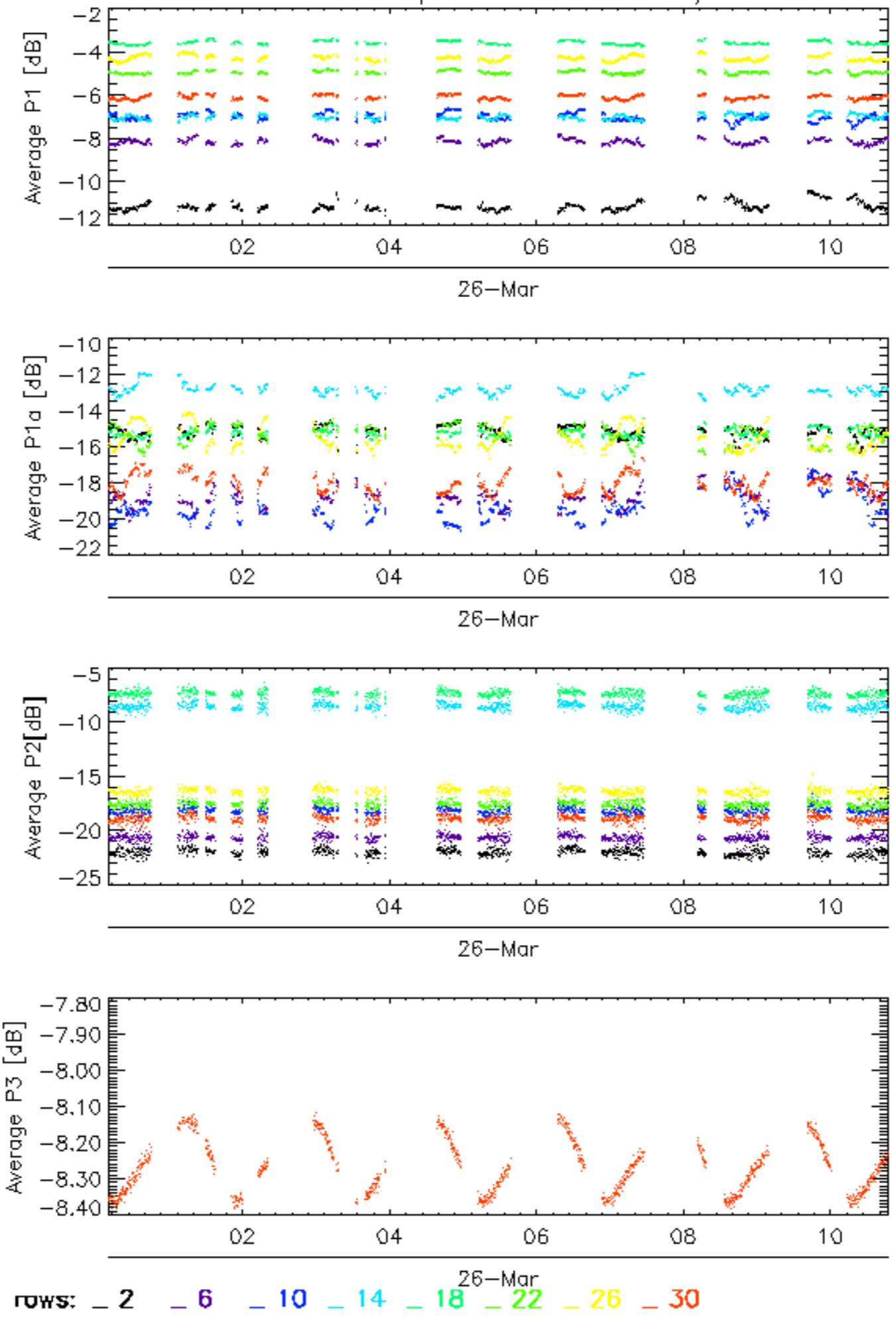
Calibration pulses for GM1 SS3 H/H



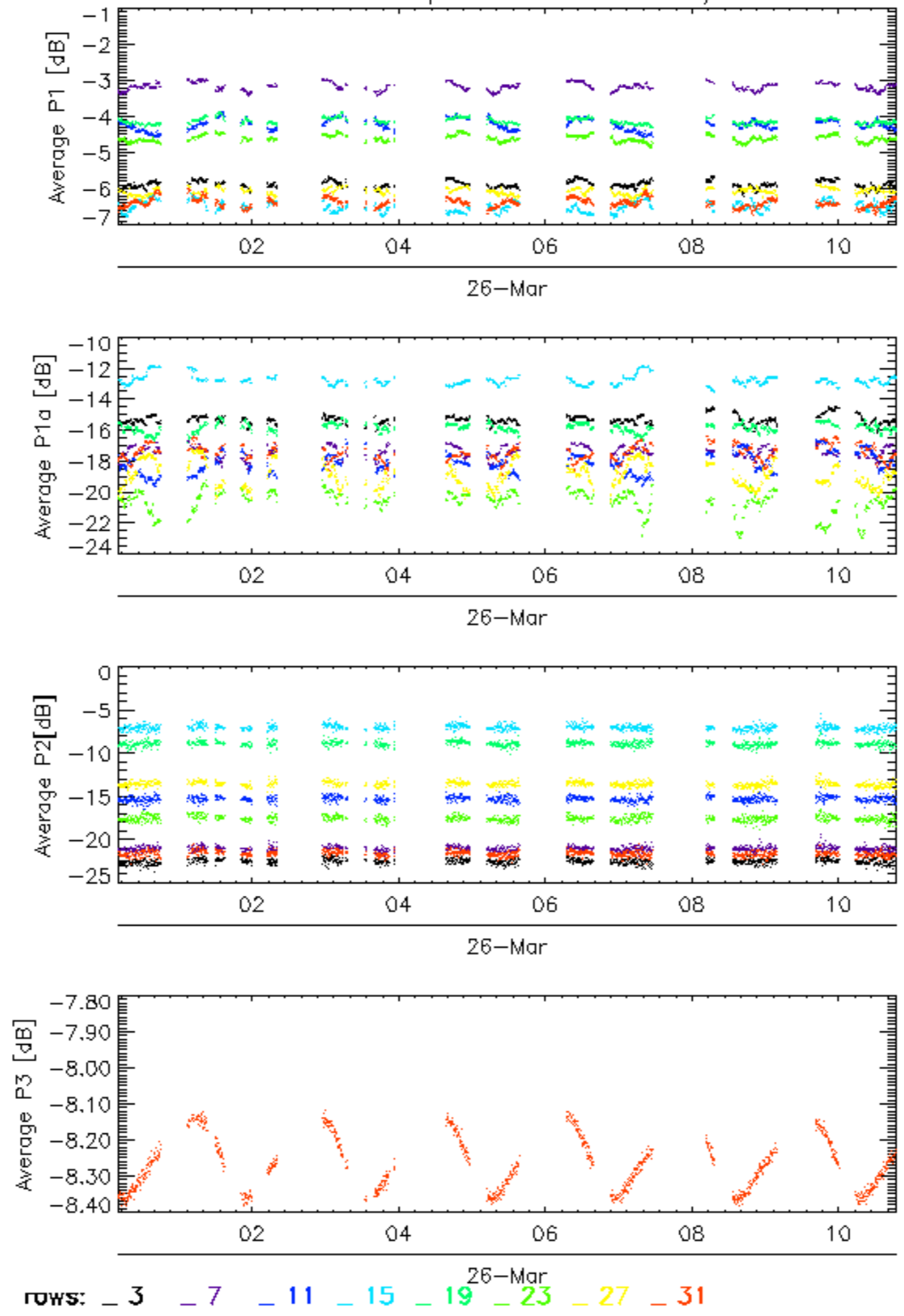
Calibration pulses for WVS IS2 V/V



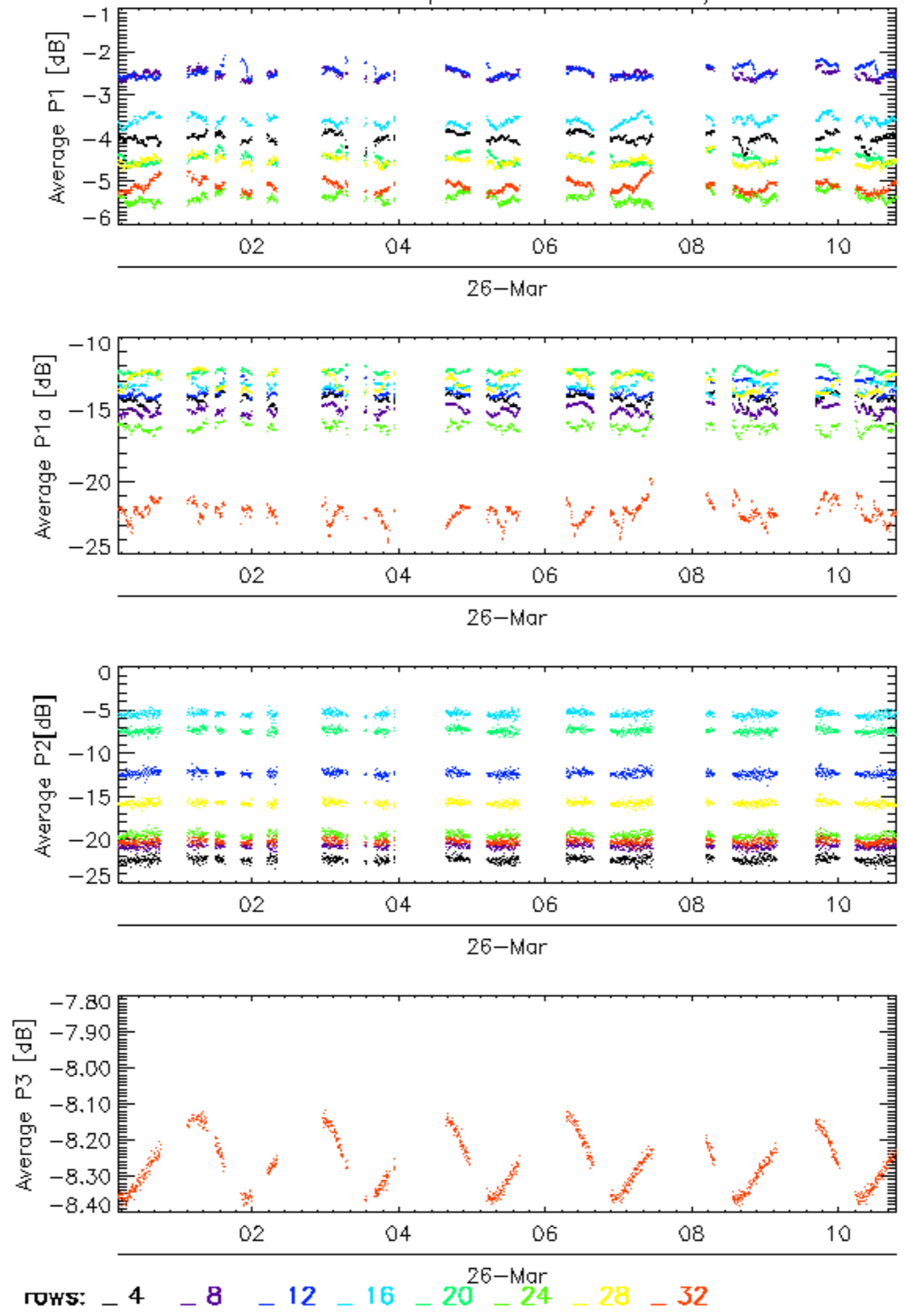
Calibration pulses for WVS IS2 V/V

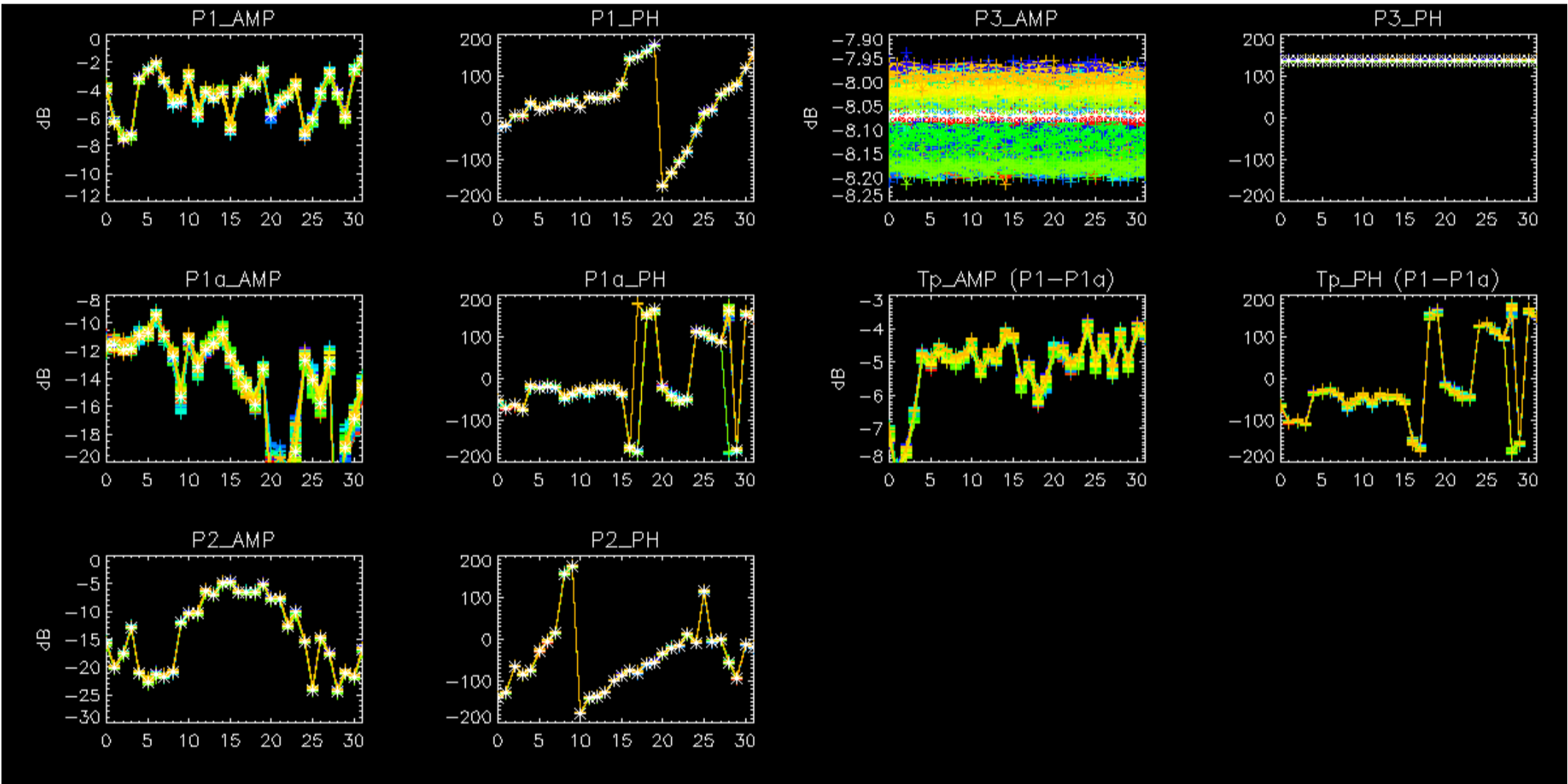


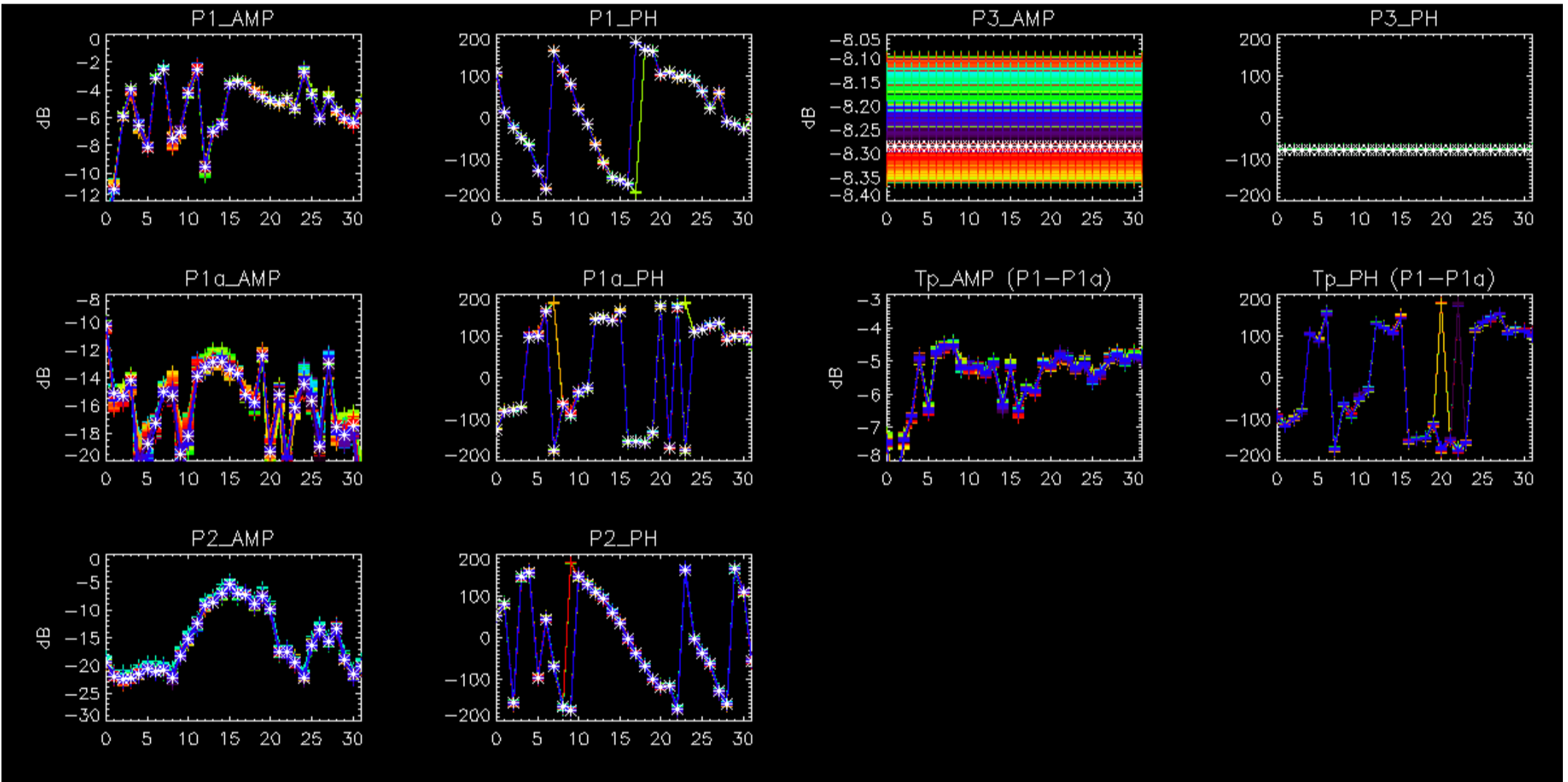
Calibration pulses for WVS IS2 V/V

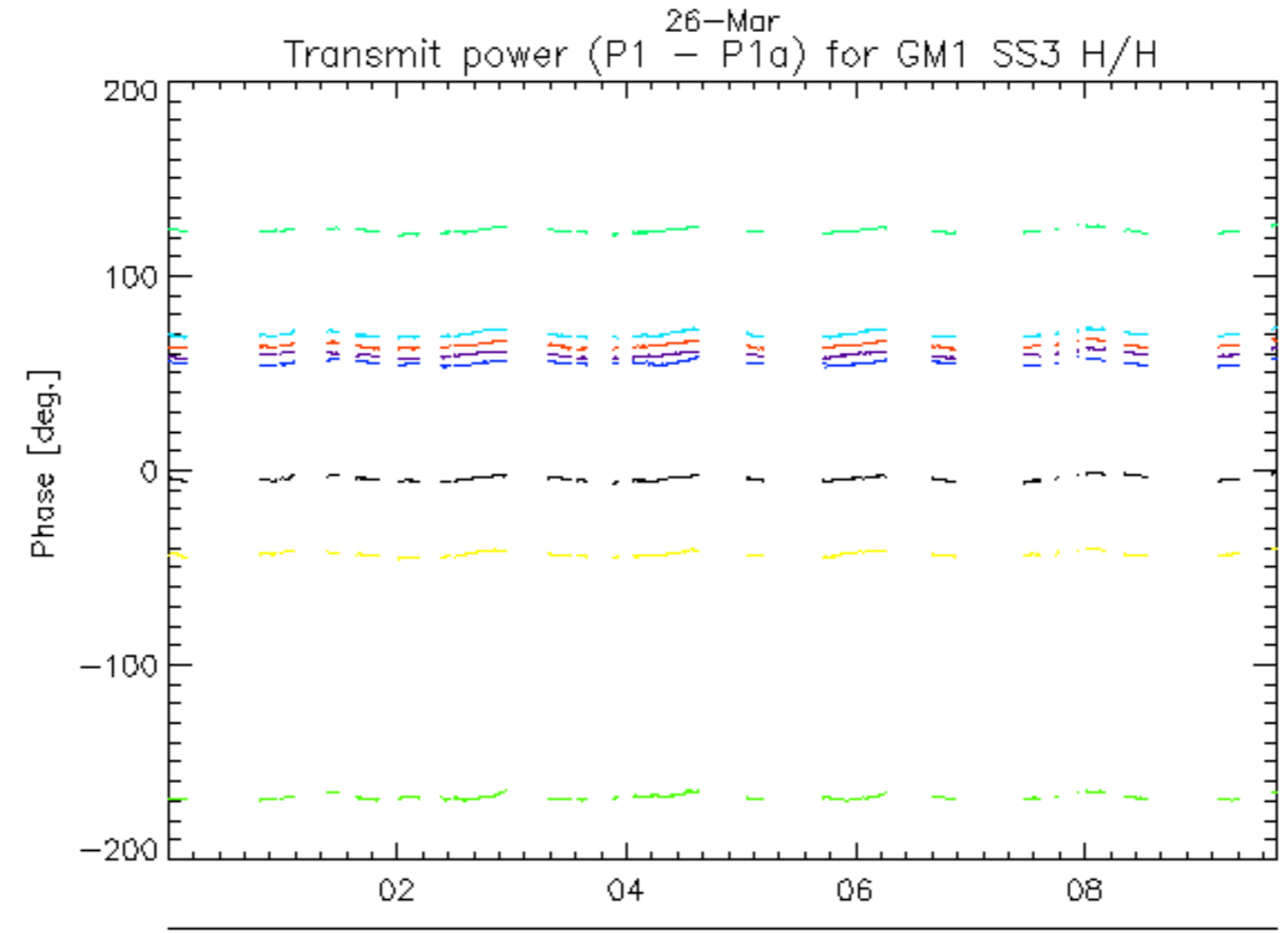
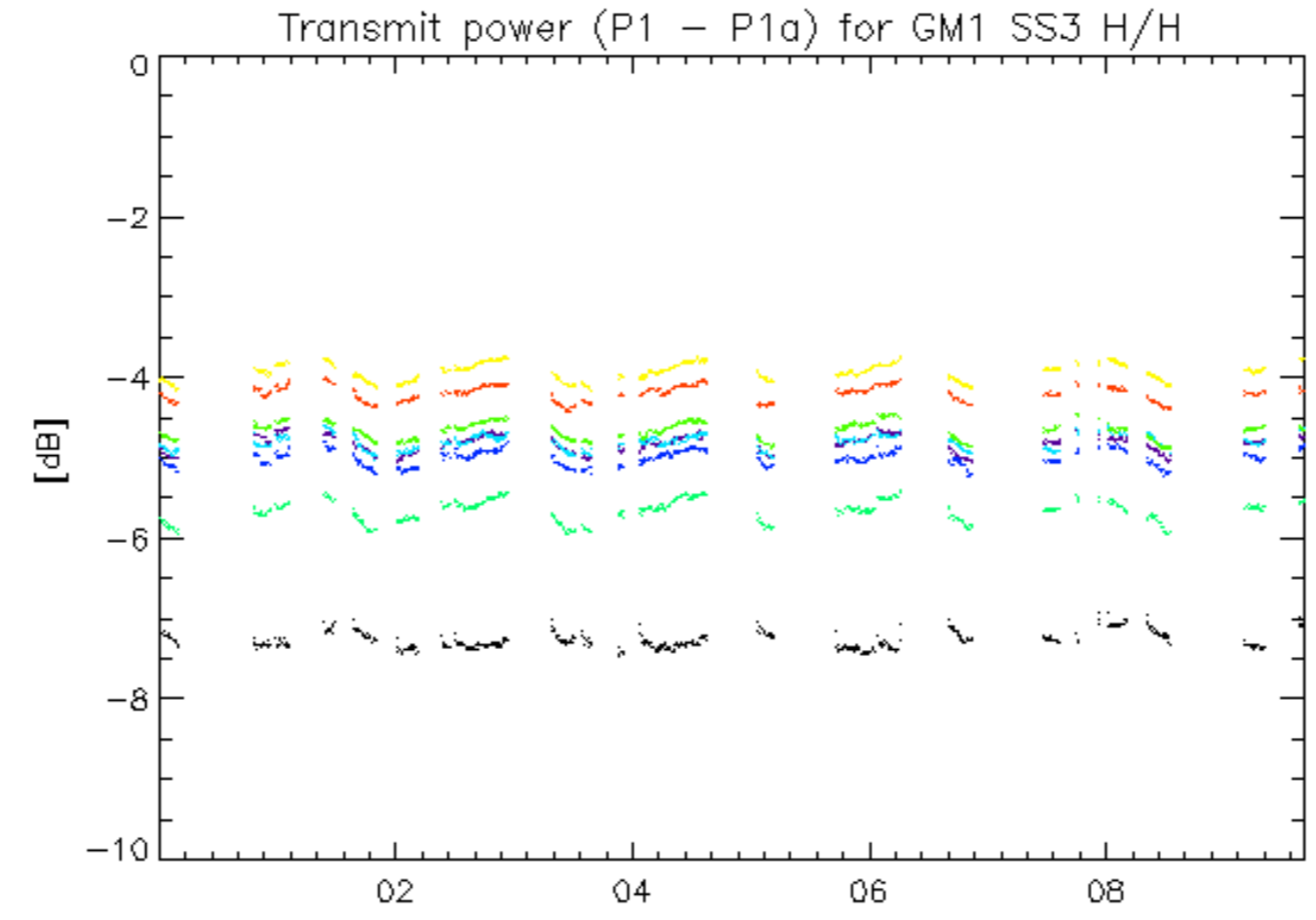


Calibration pulses for WVS IS2 V/V

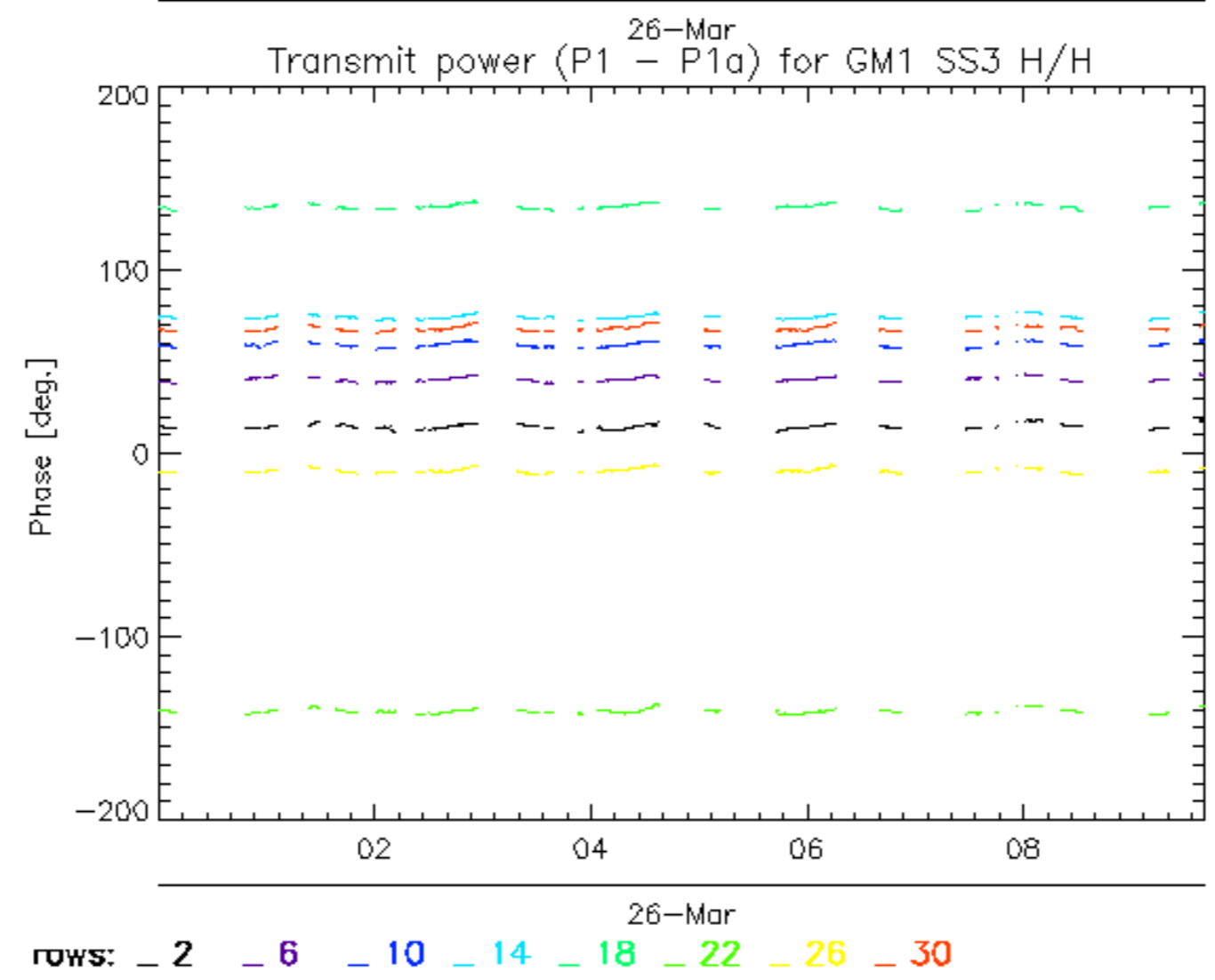
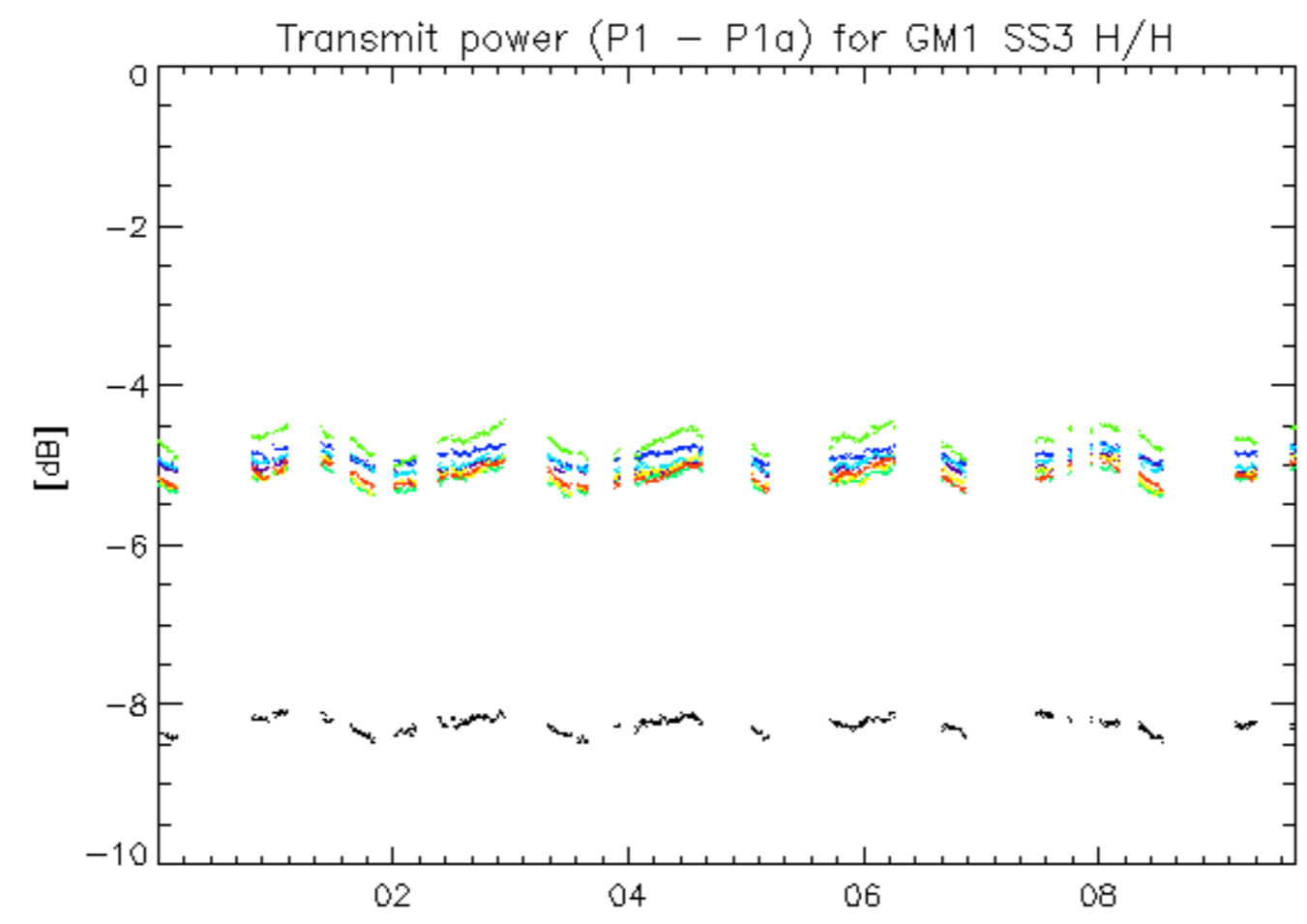


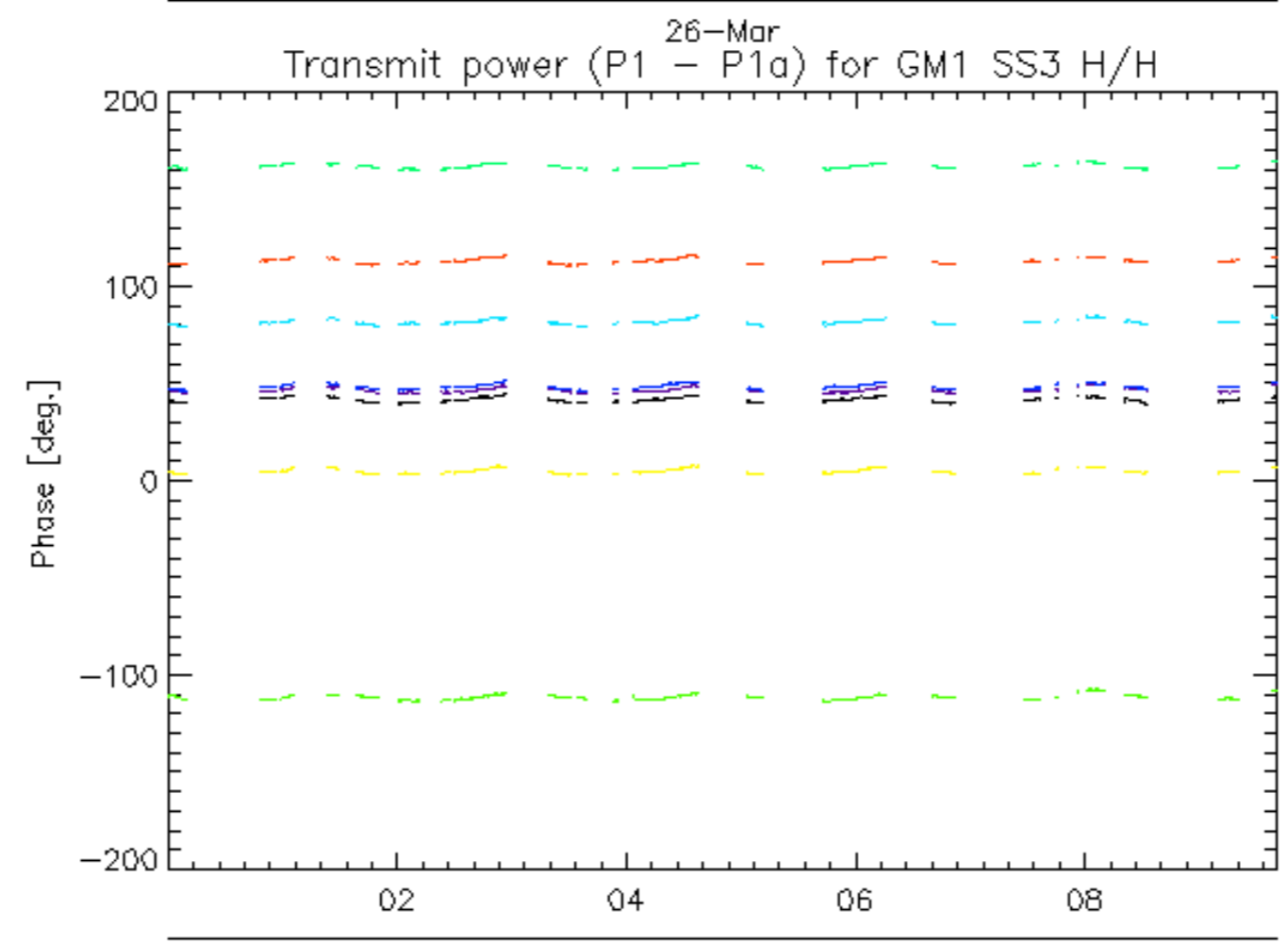
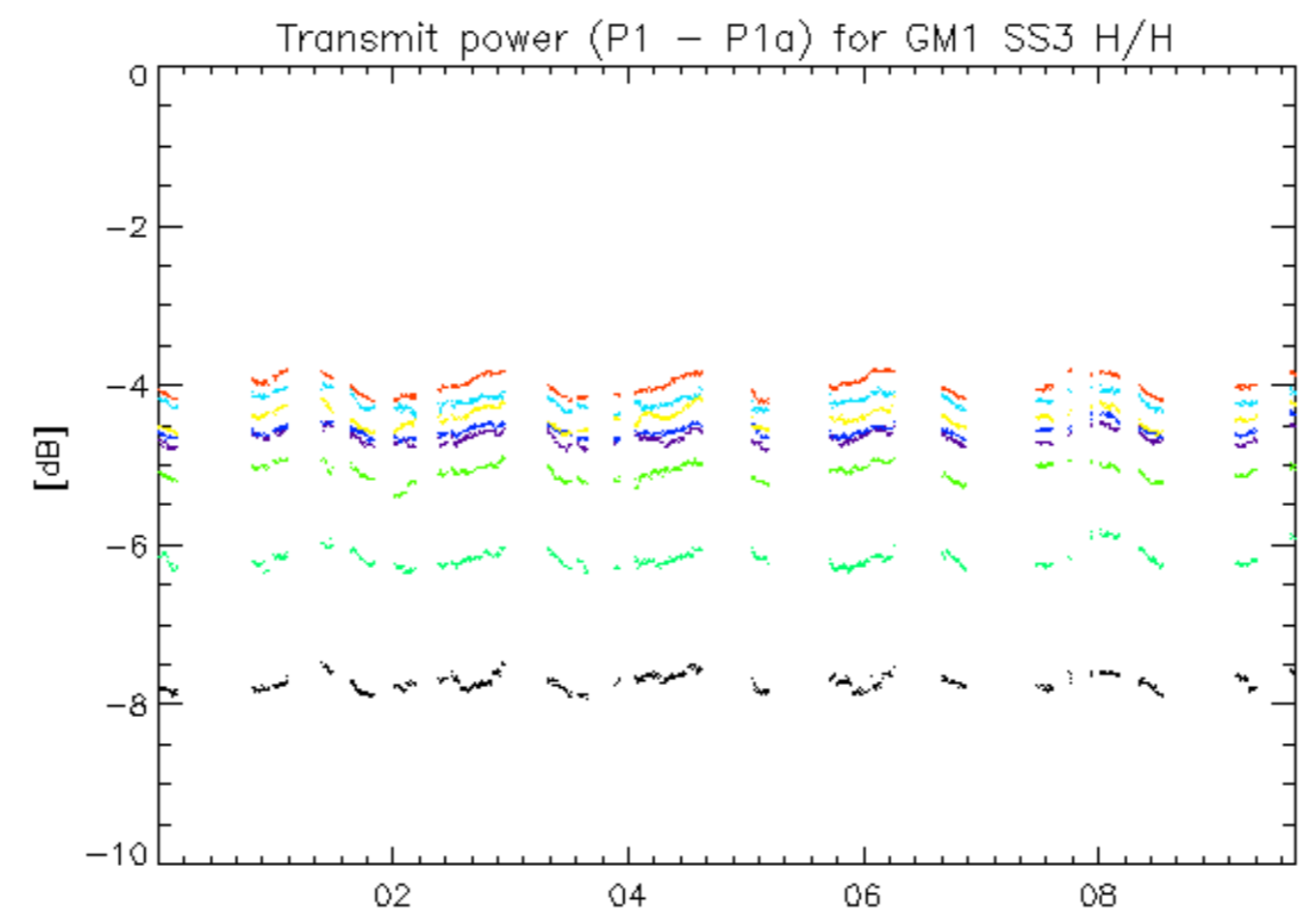




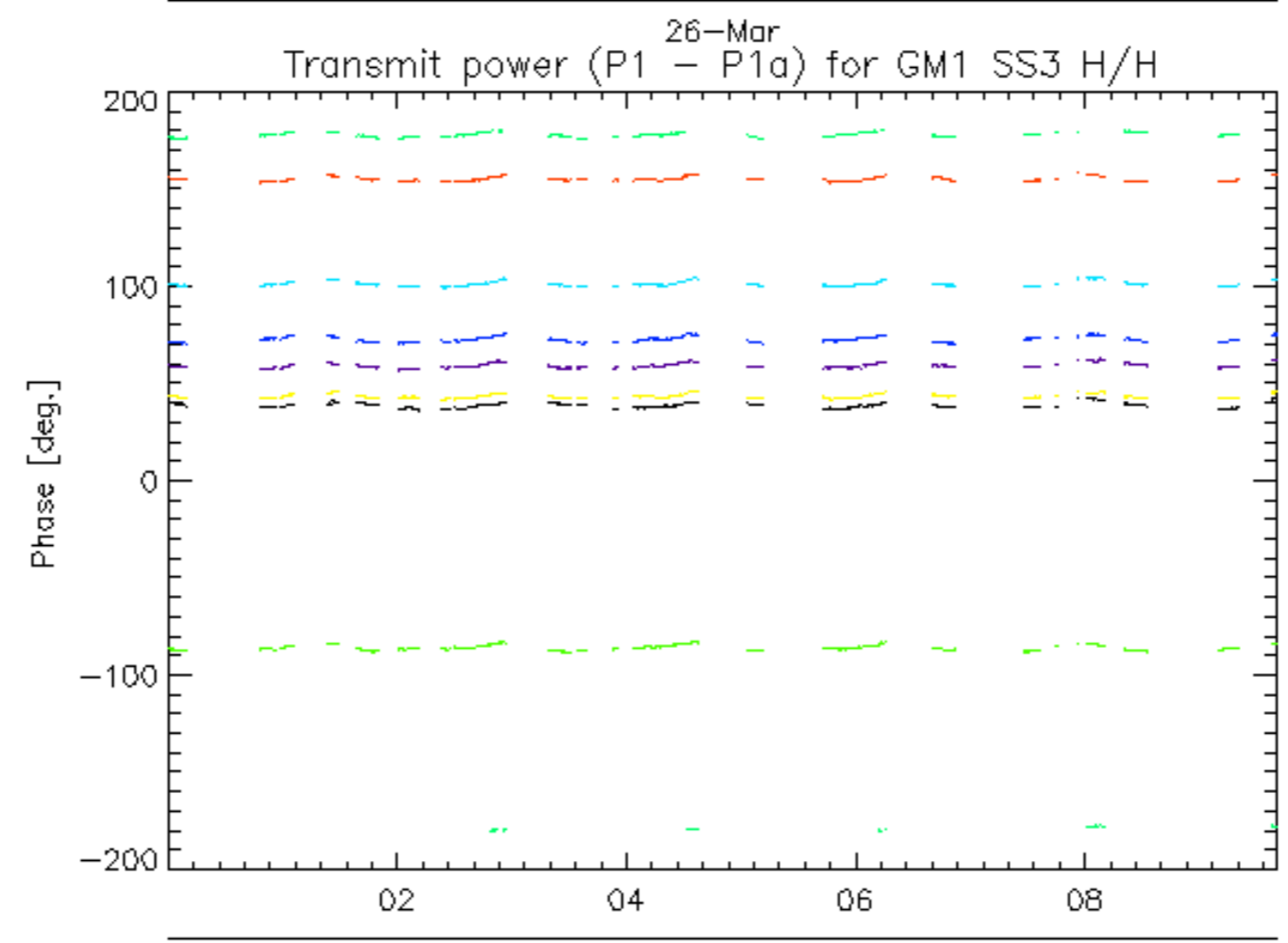
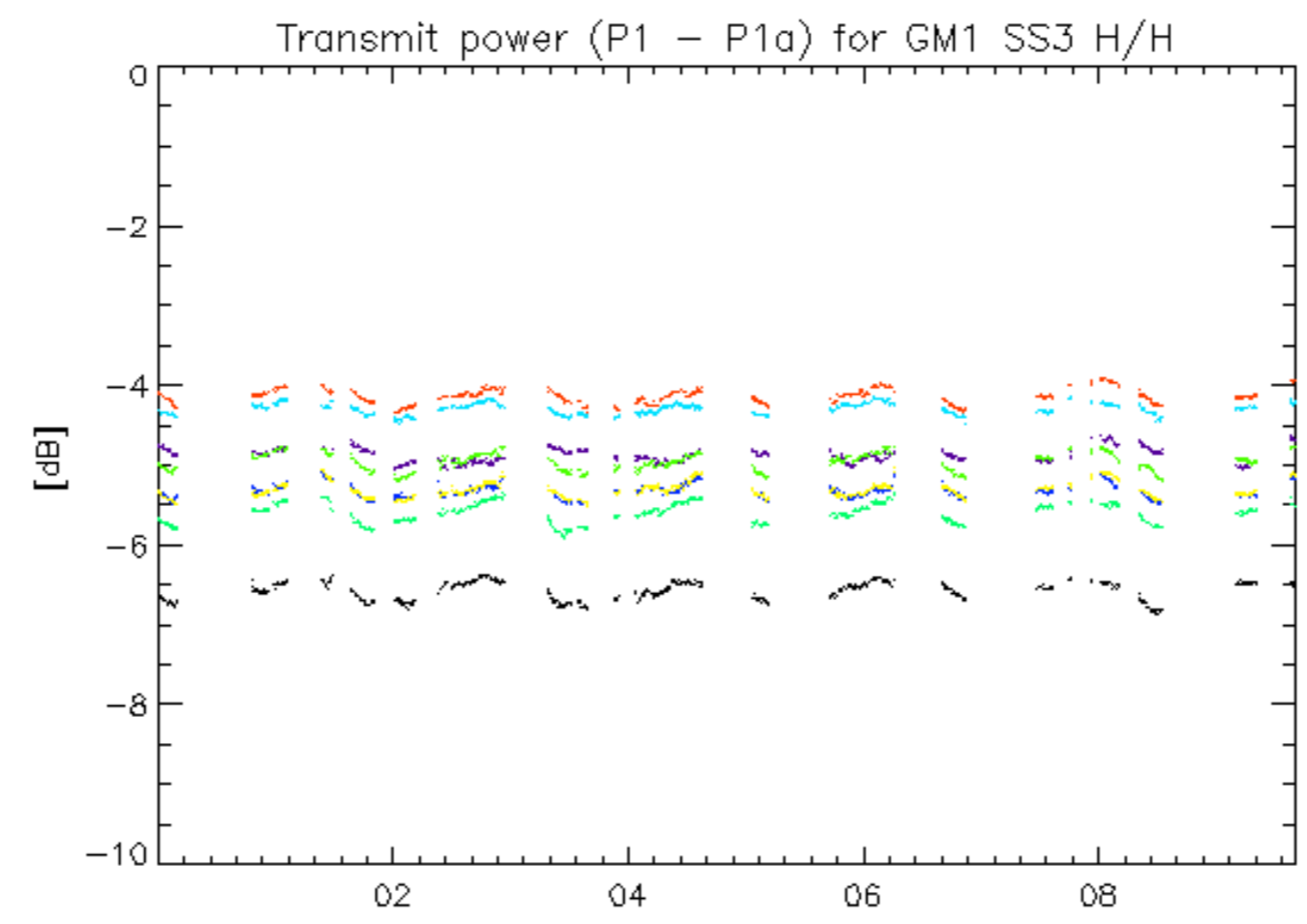


26-Mar
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

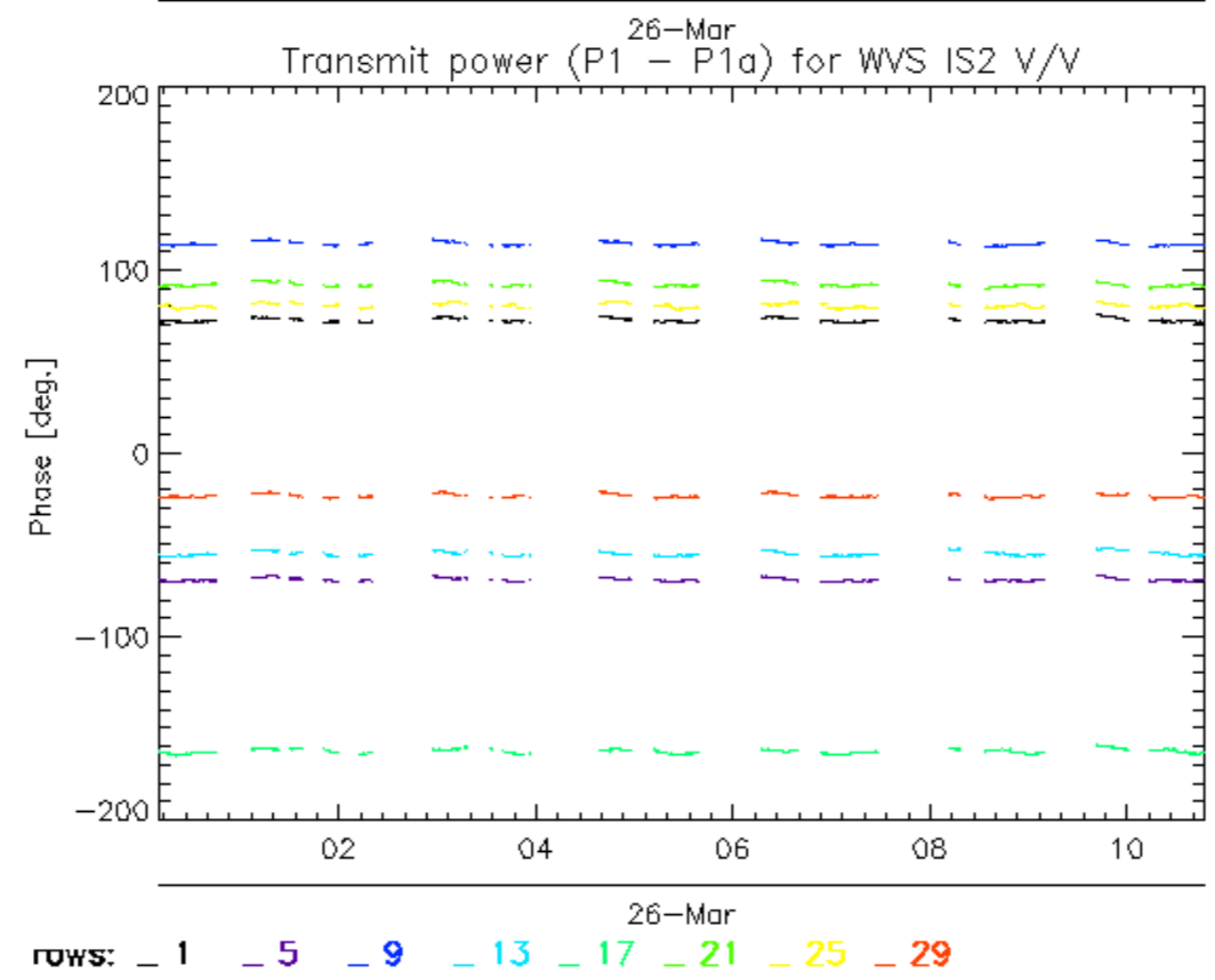
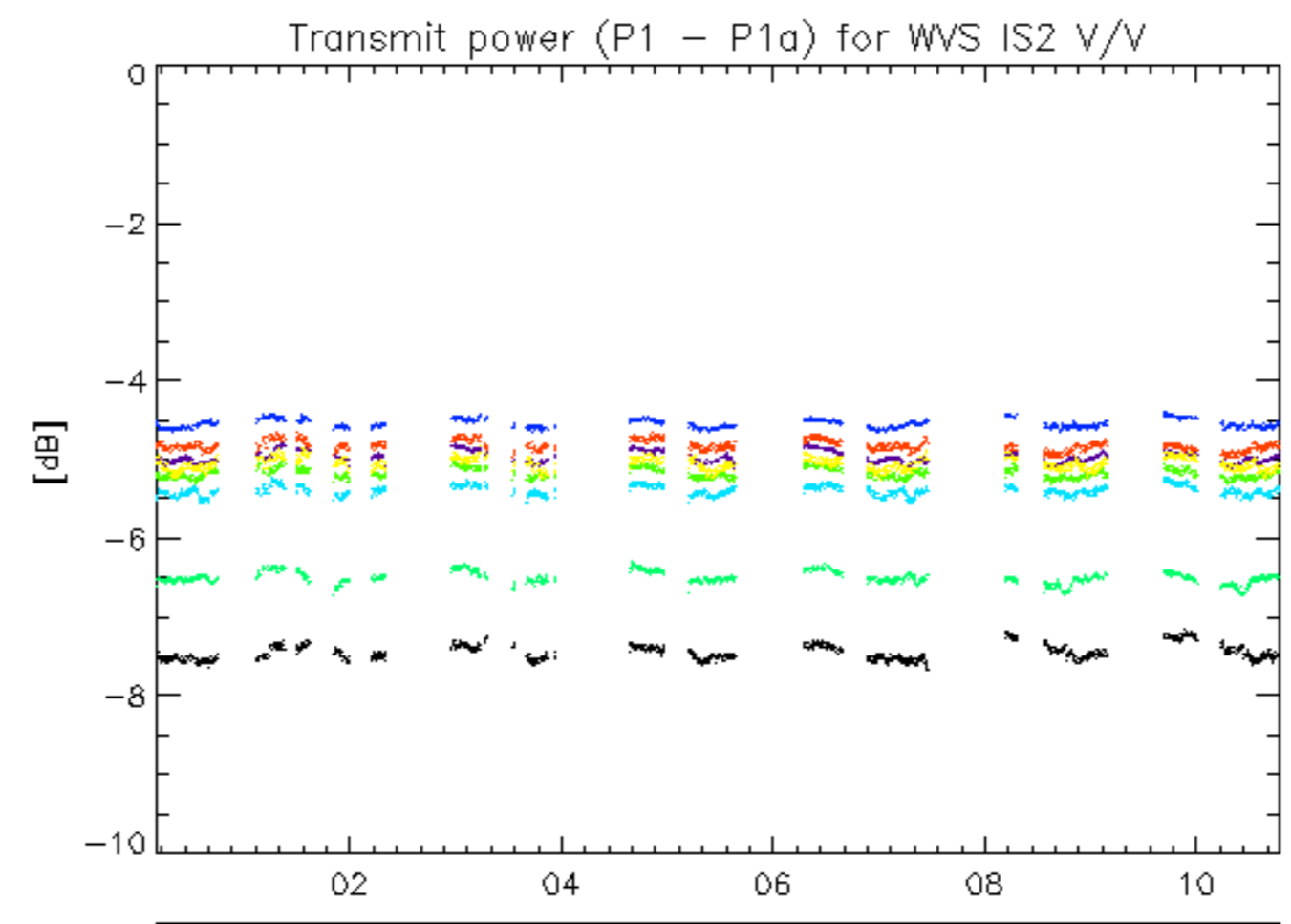


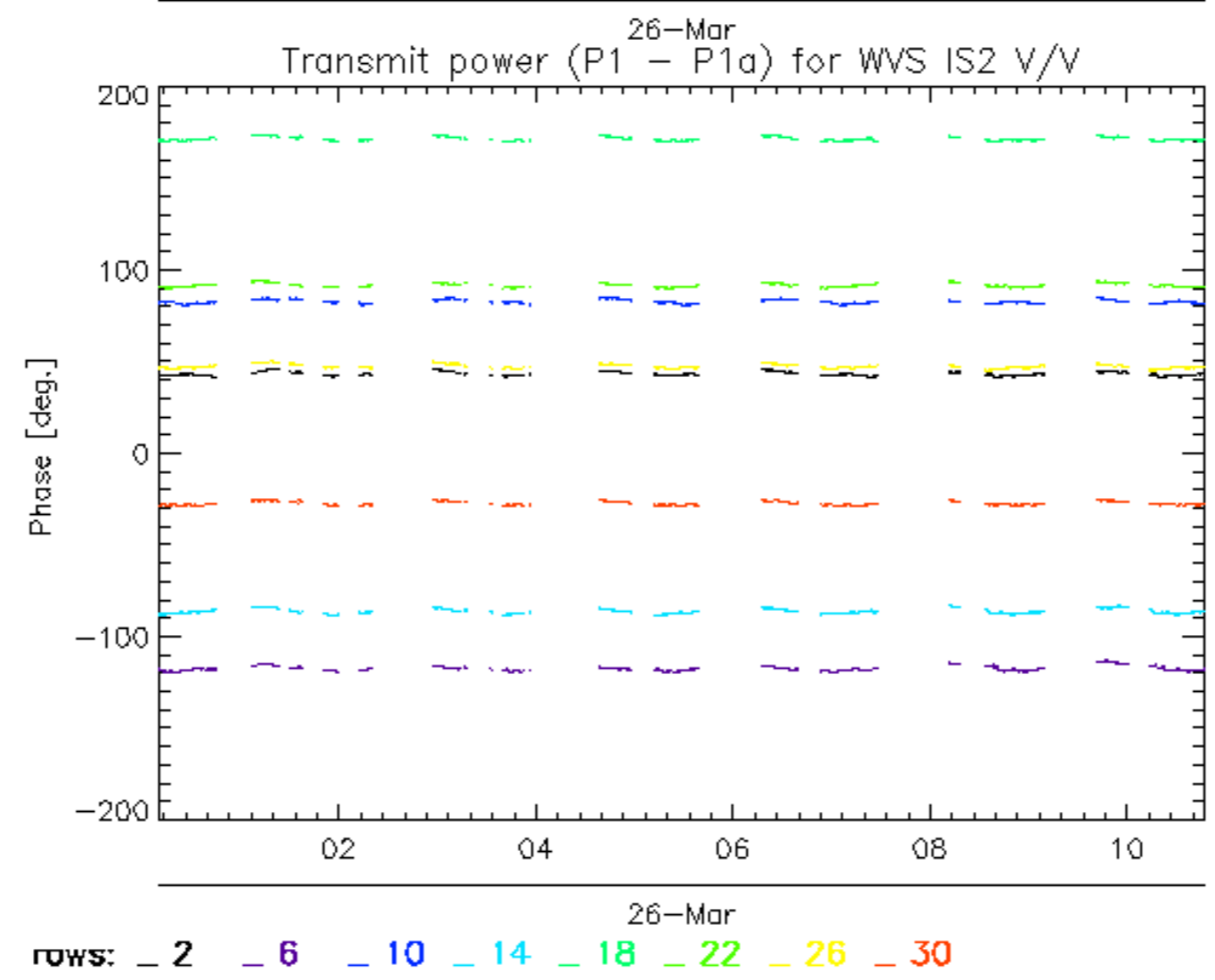
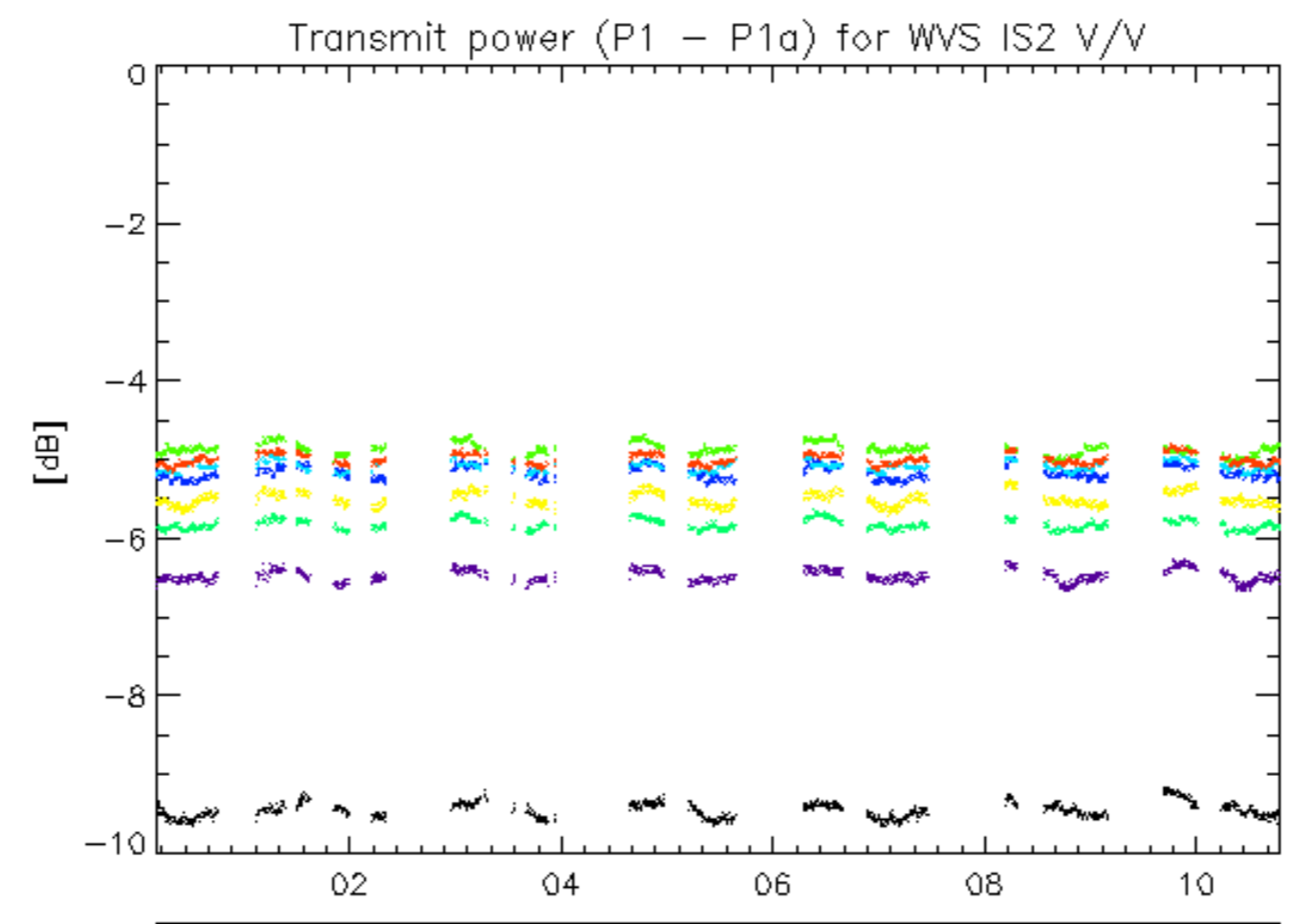


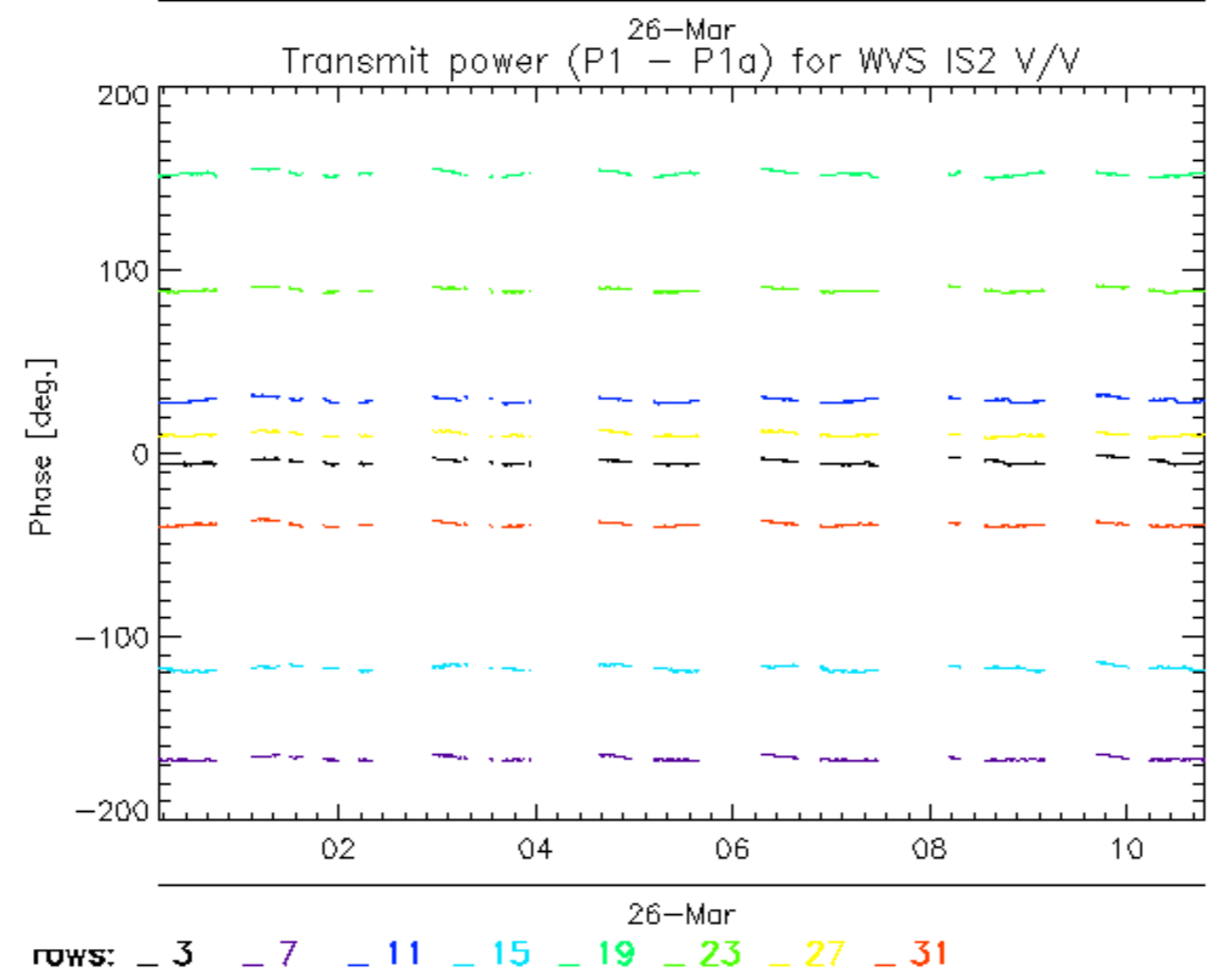
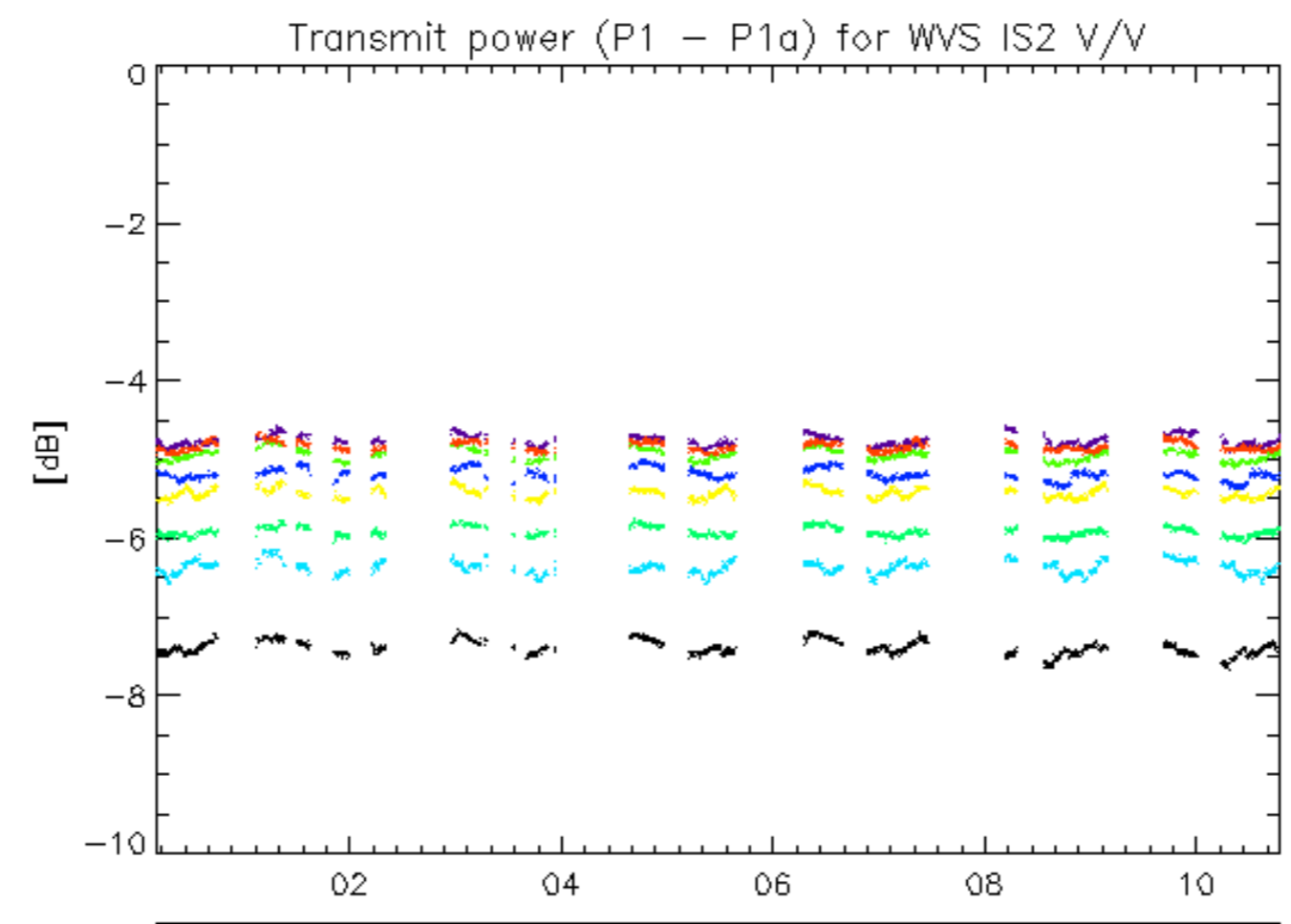
26-Mar
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

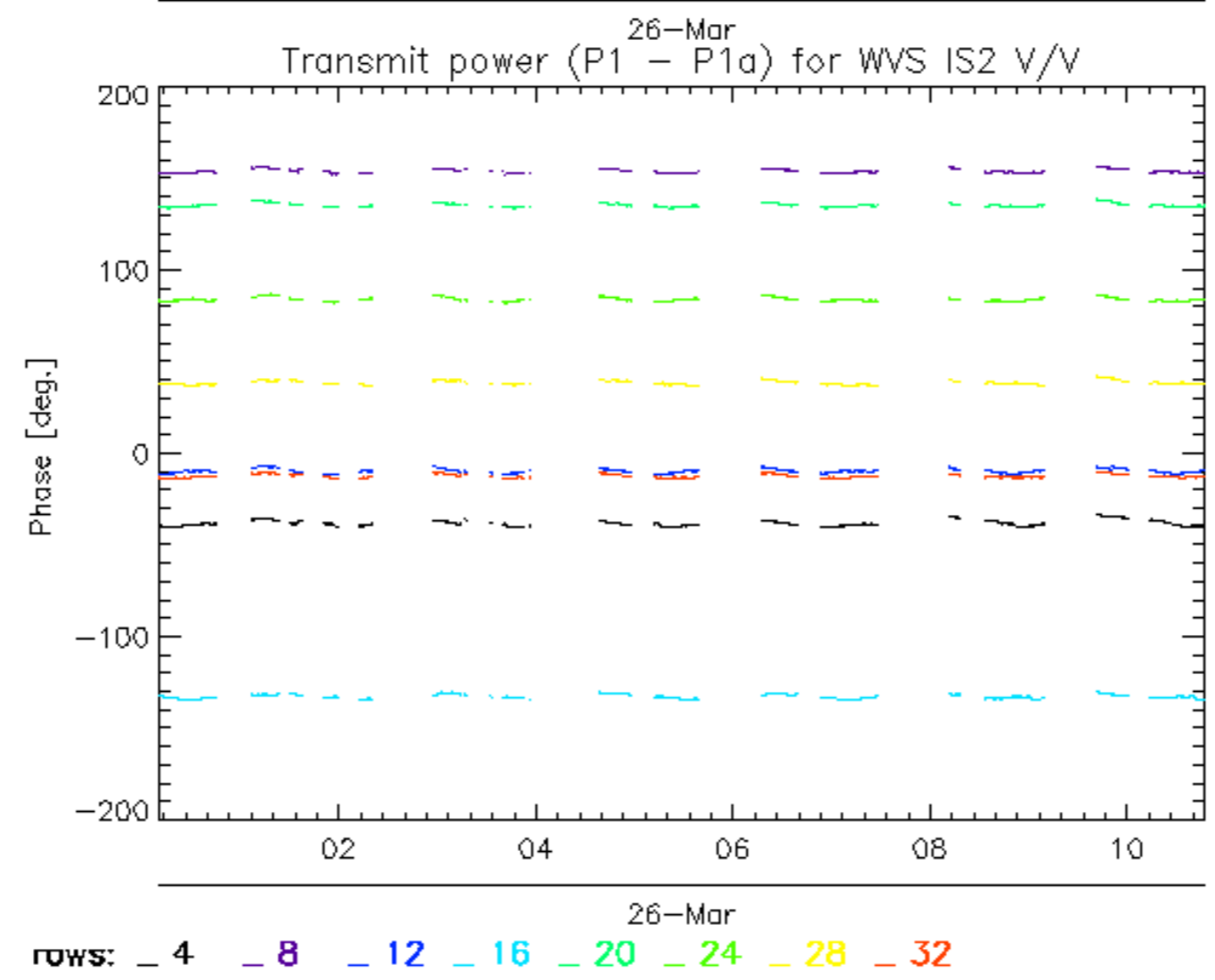
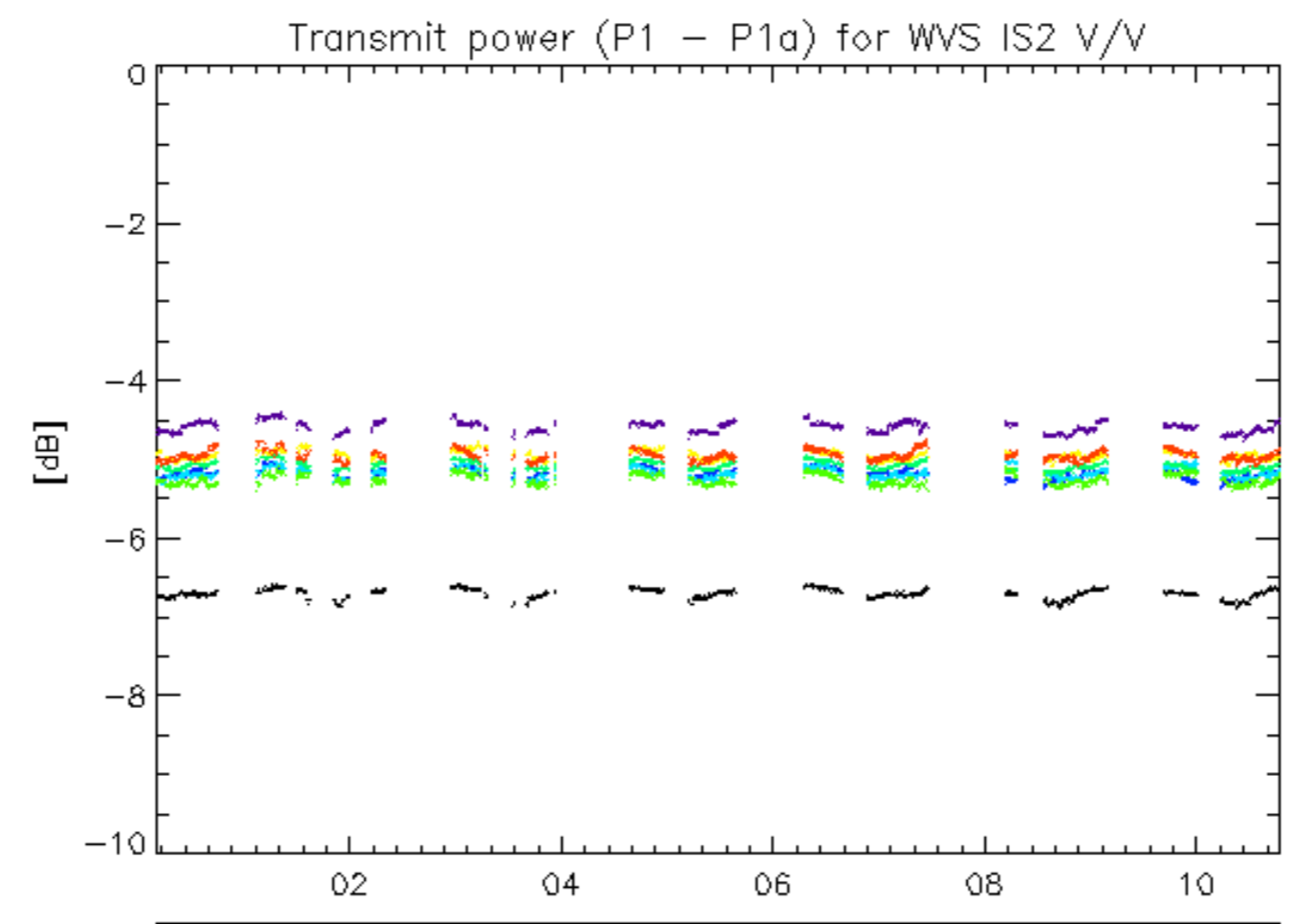


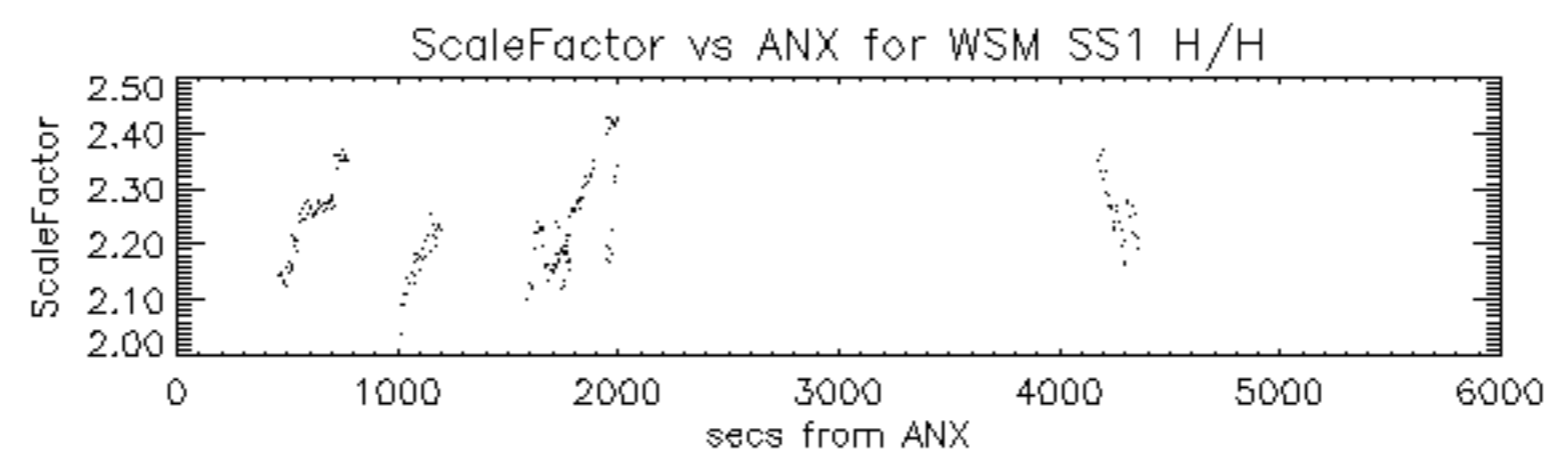
26-Mar
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

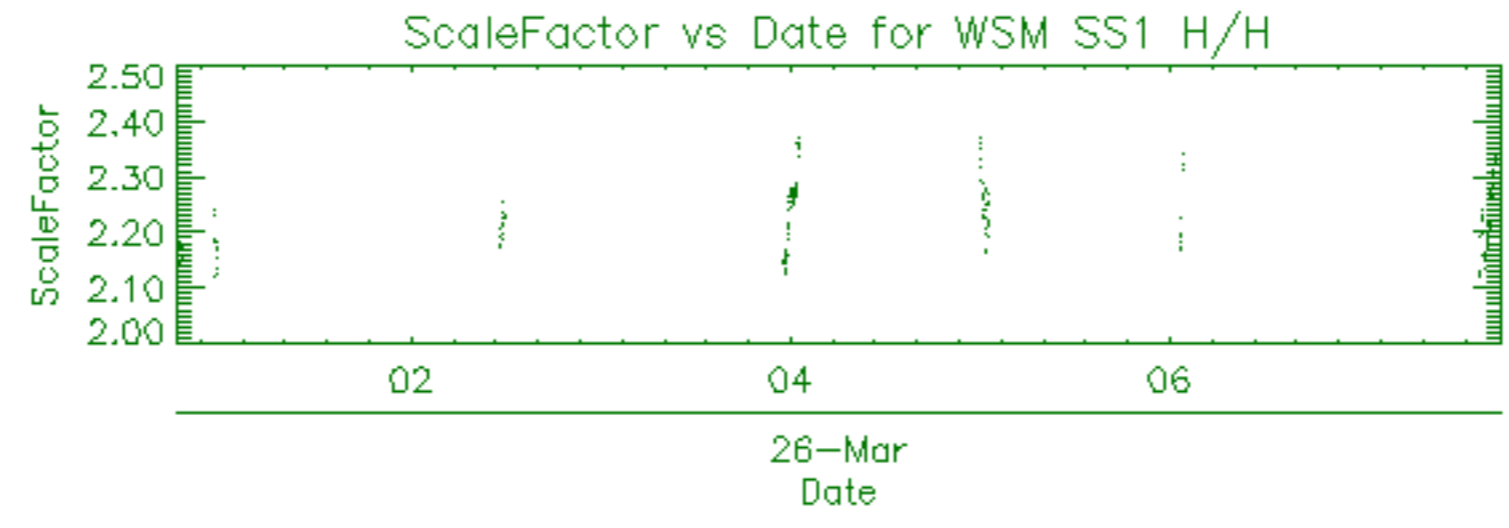












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20080326_022221_00000412067_00118_31735_3536.N1						IS4	H/H	67	31735	118	4.06
ASA_APM_1PNPDK20080326_075728_000001782067_00121_31738_8444.N1						IS3	H/V	67	31738	121	4.06
ASA_APM_1PNPDK20080326_092736_00000452067_00122_31739_8437.N1						IS4	H/H	67	31739	122	4.06

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20080325_235728_000007732067_00116_31733_3282.N1						SS1	H/H	67	31733	116	4.06
ASA_GM1_1PNPDE20080326_004746_000003262067_00117_31734_3280.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_005207_000003142067_00117_31734_3400.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_005907_000004772067_00117_31734_3402.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_012356_000003262067_00117_31734_3410.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_013804_000007732067_00117_31734_3430.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_020025_000007122067_00117_31734_3432.N1						SS1	H/H	67	31734	117	4.06
ASA_GM1_1PNPDE20080326_022328_000002592067_00118_31735_3415.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_022958_000003262067_00118_31735_3425.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_023424_000013832067_00118_31735_3648.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_024948_000004592067_00118_31735_3547.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_031839_000007732067_00118_31735_3559.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_033424_000003442067_00118_31735_3557.N1						SS1	H/H	67	31735	118	4.06
ASA_GM1_1PNPDE20080326_035244_000002052067_00119_31736_3549.N1						SS1	H/H	67	31736	119	4.06
ASA_GM1_1PNPDE20080326_040331_000008212067_00119_31736_3572.N1						SS1	H/H	67	31736	119	4.06
ASA_GM1_1PNPDE20080326_041635_000013162067_00119_31736_3768.N1						SS1	H/H	67	31736	119	4.06
ASA_GM1_1PNPDE20080326_050314_000005372067_00119_31736_3740.N1						SS1	H/H	67	31736	119	4.06
ASA_GM1_1PNPDE20080326_054305_000009842067_00120_31737_3770.N1						SS1	H/H	67	31737	120	4.06
ASA_GM1_1PNPDK20080326_055852_000002472067_00120_31737_8161.N1						SS1	H/H	67	31737	120	4.06
ASA_GM1_1PNPDK20080326_060427_000006282067_00120_31737_8163.N1						SS1	H/H	67	31737	120	4.06
ASA_GM1_1PNPDK20080326_061546_00000662067_00120_31737_8264.N1						SS1	H/H	67	31737	120	4.06
ASA_GM1_1PNPDK20080326_063952_000007732067_00120_31737_8170.N1						SS1	H/H	67	31737	120	4.06
ASA_GM1_1PNPDK20080326_072822_000005552067_00121_31738_8179.N1						SS1	H/H	67	31738	121	4.06
ASA_GM1_1PNPDK20080326_074506_000001142067_00121_31738_8326.N1						SS1	H/H	67	31738	121	4.06
ASA_GM1_1PNPDK20080326_075602_00000842067_00121_31738_8328.N1						SS1	H/H	67	31738	121	4.06
ASA_GM1_1PNPDK20080326_080054_000006282067_00121_31738_8330.N1						SS1	H/H	67	31738	121	4.06
ASA_GM1_1PNPDK20080326_082027_000007732067_00121_31738_8335.N1						SS1	H/H	67	31738	121	4.06
ASA_GM1_1PNPDK20080326_091006_000006702067_00122_31739_8337.N1						SS1	H/H	67	31739	122	4.06
ASA_GM1_1PNPDK20080326_093731_000002112067_00122_31739_8465.N1						SS1	H/H	67	31739	122	4.06

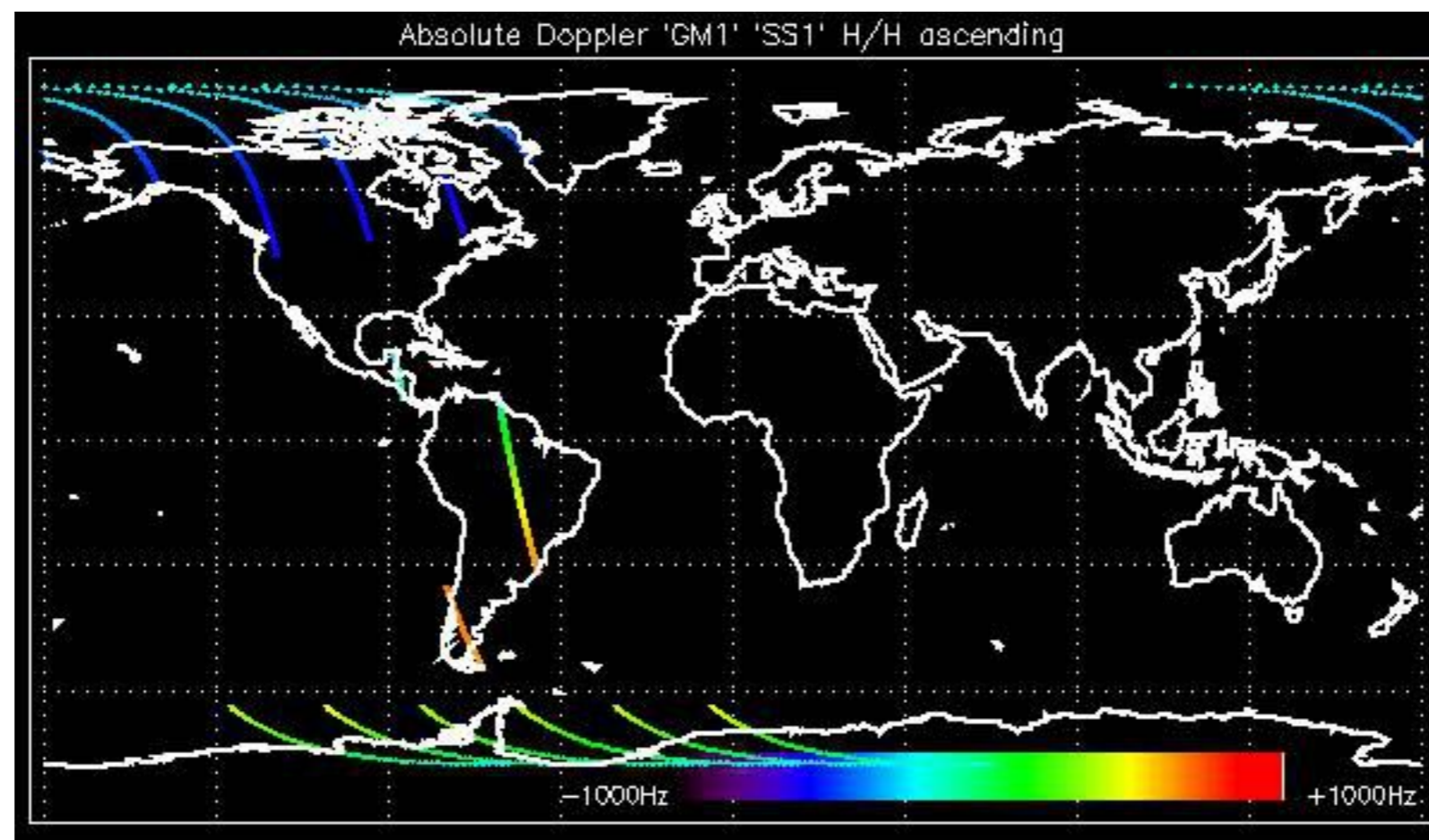
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20080326_010935_000000362067_00117_31734_3532.N1						IS2	V/V	67	31734	117	4.06
ASA_IMM_1PNPDE20080326_022137_000000372067_00118_31735_3534.N1						IS2	V/V	67	31735	118	4.06
ASA_IMM_1PNPDE20080326_033143_000000362067_00118_31735_3658.N1						IS1	H/H	67	31735	118	4.06
ASA_IMM_1PNPDE20080326_053926_000002002067_00120_31737_3802.N1						IS2	V/V	67	31737	120	4.06
ASA_IMM_1PNPDK20080326_061454_000000362067_00120_31737_8274.N1						IS2	V/V	67	31737	120	4.06
ASA_IMM_1PNPDK20080326_074704_000000812067_00121_31738_8313.N1						IS2	V/V	67	31738	121	4.06
ASA_IMM_1PNPDK20080326_092825_000000622067_00122_31739_8439.N1						IS2	V/V	67	31739	122	4.06
ASA_IMM_1PNPDK20080326_092825_000001102067_00122_31739_8470.N1						IS2	V/V	67	31739	122	4.06

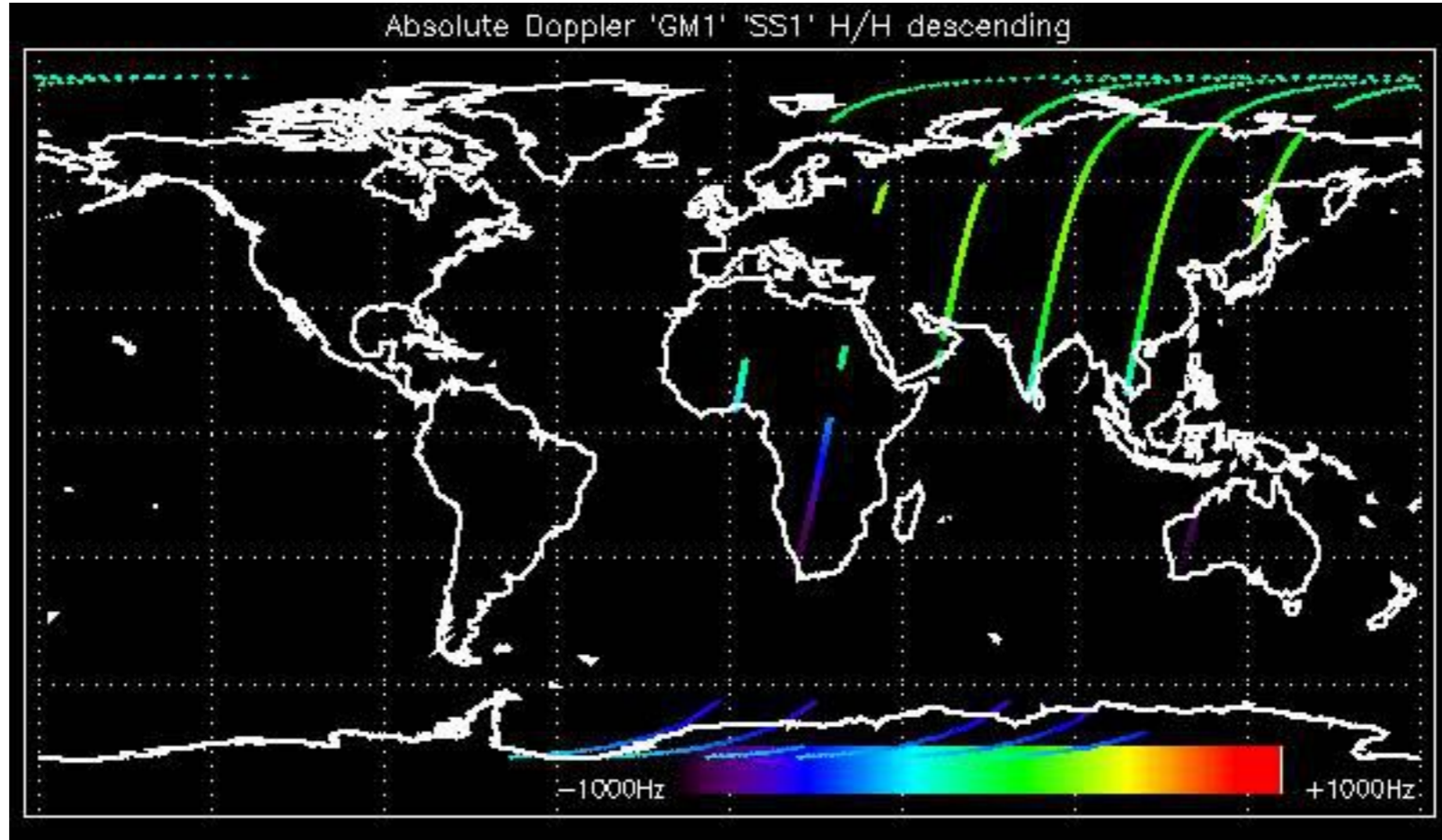
Filename	Pol	Timestamp	count(Module)
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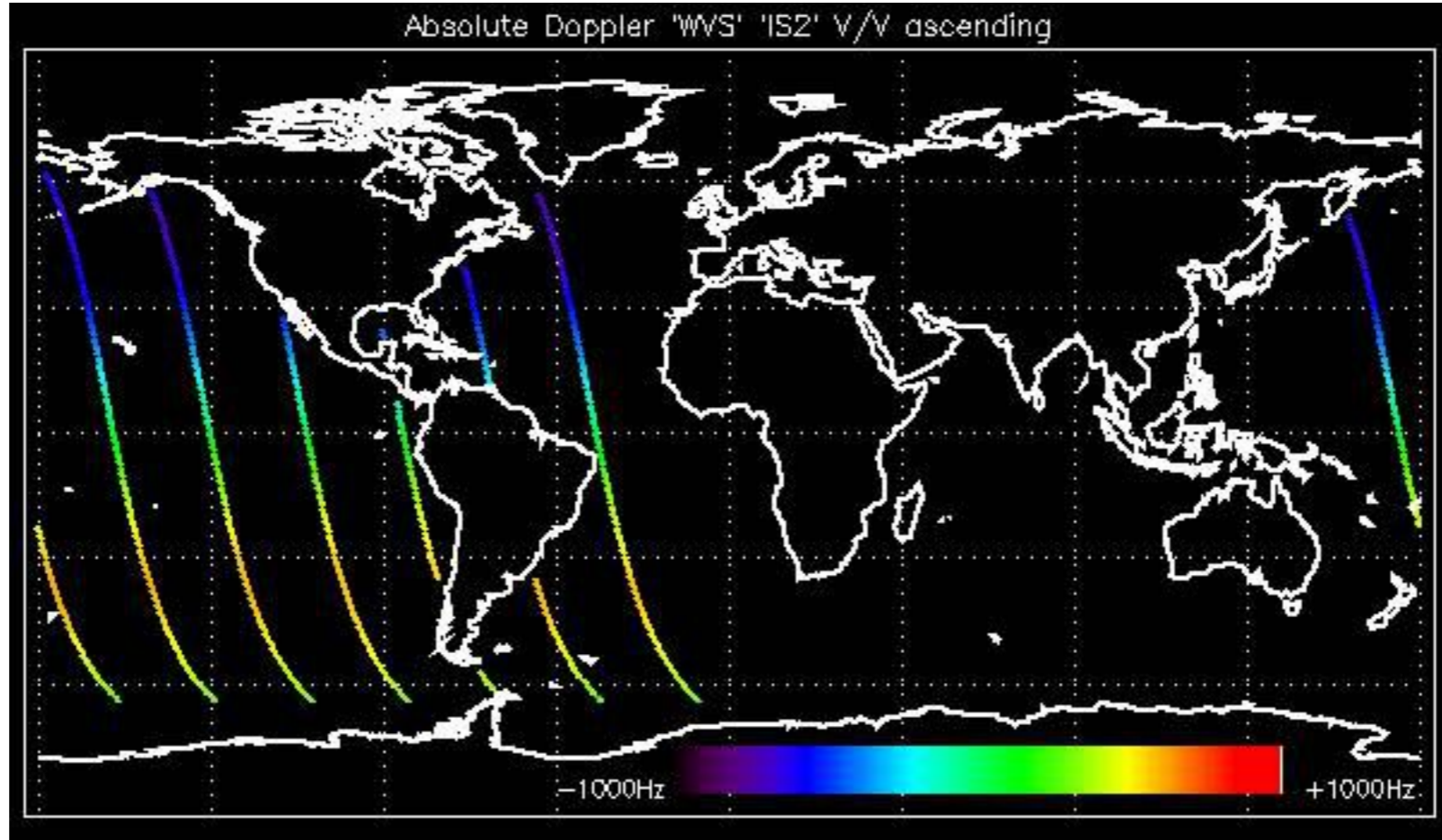


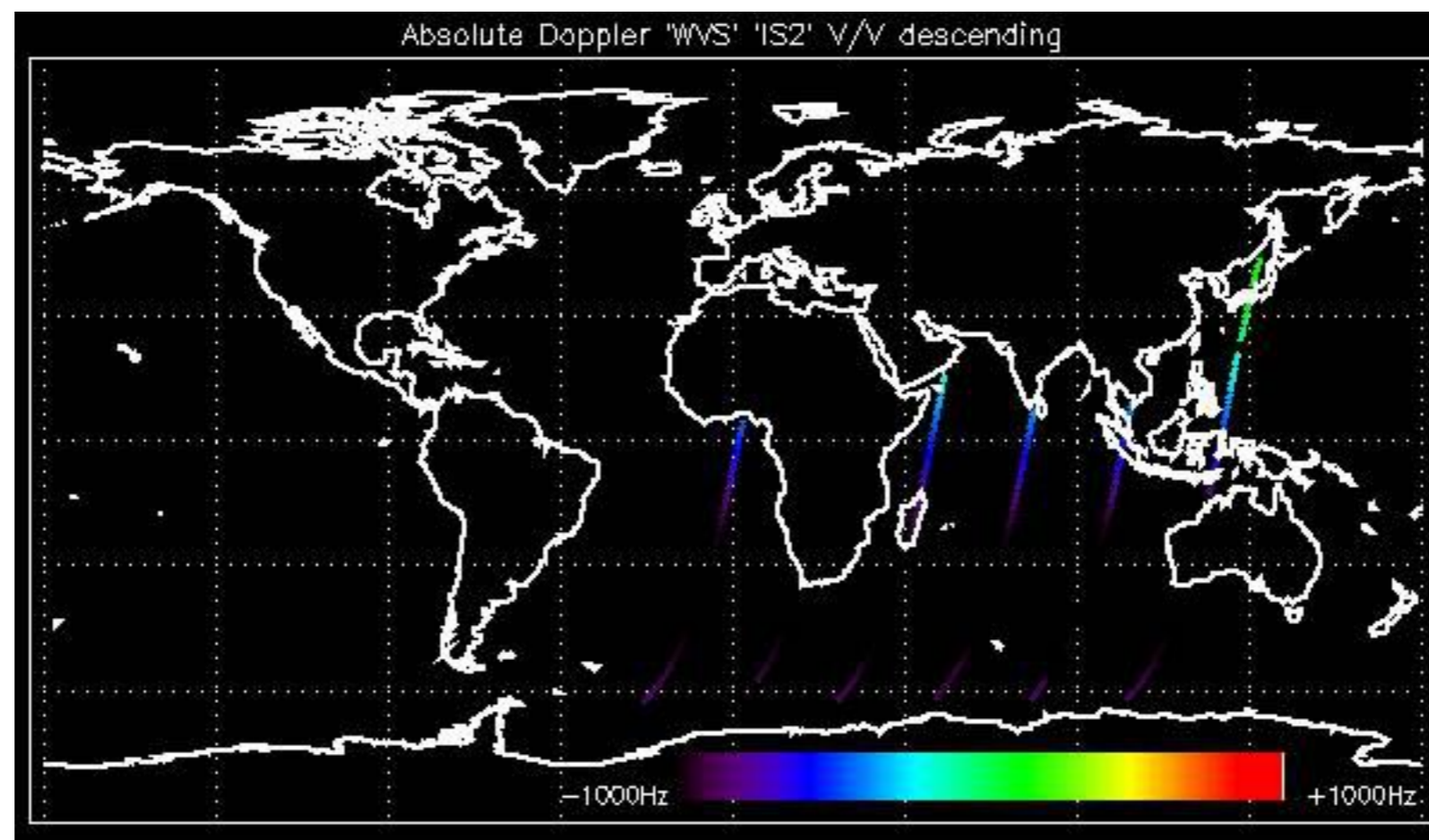
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20080326_004555_000001032067_00117_31734_3499.N1						SS1	H/H	67	31734	117	4.06
ASA_WSM_1PNPDE20080326_005733_000000852067_00117_31734_3635.N1						SS1	H/H	67	31734	117	4.06
ASA_WSM_1PNPDE20080326_022756_000001092067_00118_31735_3643.N1						SS1	H/H	67	31735	118	4.06
ASA_WSM_1PNPDE20080326_035750_000003302067_00119_31736_3772.N1						SS1	H/H	67	31736	119	4.06
ASA_WSM_1PNPDE20080326_045947_000001832067_00119_31736_3805.N1						SS1	H/H	67	31736	119	4.06
ASA_WSM_1PNPDK20080326_060312_000000672067_00120_31737_8272.N1						SS1	H/H	67	31737	120	4.06
ASA_WSM_1PNPDK20080326_073747_000003062067_00121_31738_8324.N1						SS1	H/H	67	31738	121	4.06
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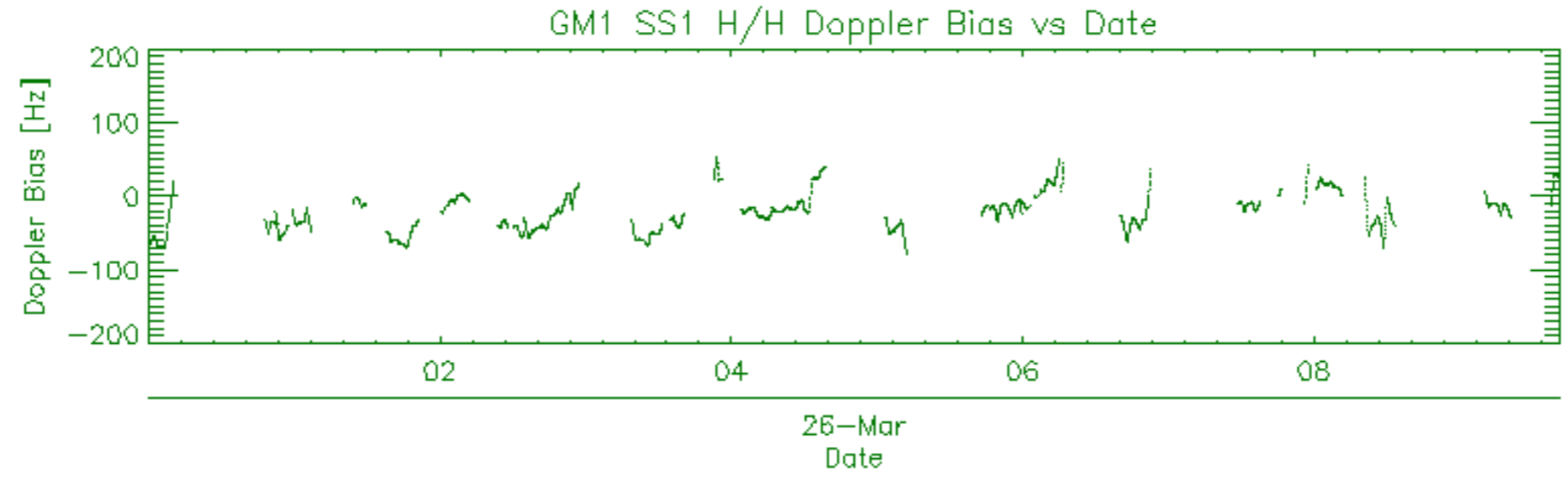
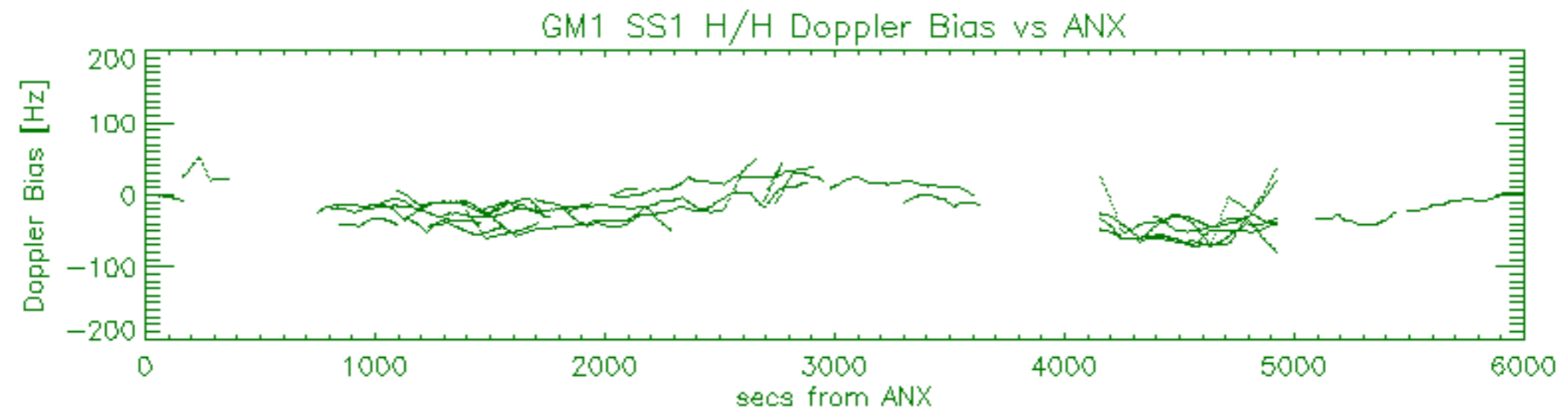
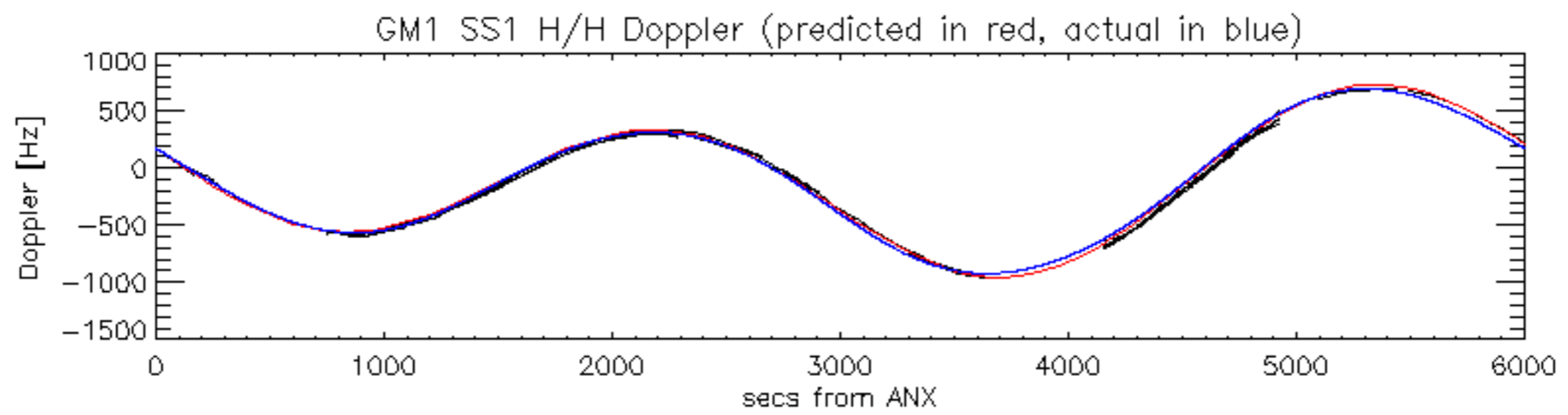
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20080326_001023_000020692067_00116_31733_3285.N1						IS2	V/V	67	31733	116	4.06
ASA_WVS_1PNPDE20080326_010706_000001052067_00117_31734_3405.N1						IS2	V/V	67	31734	117	4.06
ASA_WVS_1PNPDE20080326_011017_000007642067_00117_31734_3413.N1						IS2	V/V	67	31734	117	4.06
ASA_WVS_1PNPDE20080326_012924_000004652067_00117_31734_3408.N1						IS2	V/V	67	31734	117	4.06
ASA_WVS_1PNPDE20080326_015059_000005102067_00117_31734_3423.N1						IS2	V/V	67	31734	117	4.06
ASA_WVS_1PNPDE20080326_021218_000004942067_00118_31735_3428.N1						IS2	V/V	67	31735	118	4.06
ASA_WVS_1PNPDE20080326_025727_000010042067_00118_31735_3543.N1						IS2	V/V	67	31735	118	4.06
ASA_WVS_1PNPDE20080326_031631_000000752067_00118_31735_3552.N1						IS2	V/V	67	31735	118	4.06
ASA_WVS_1PNPDE20080326_033225_000000752067_00118_31735_3555.N1						IS2	V/V	67	31735	118	4.06
ASA_WVS_1PNPDE20080326_034013_000007042067_00118_31735_3562.N1						IS2	V/V	67	31735	118	4.06
ASA_WVS_1PNPDE20080326_035609_000000442067_00119_31736_3570.N1						IS2	V/V	67	31736	119	4.06
ASA_WVS_1PNPDE20080326_043834_000011842067_00119_31736_3747.N1						IS2	V/V	67	31736	119	4.06
ASA_WVS_1PNPDE20080326_051211_000015742067_00119_31736_3755.N1						IS2	V/V	67	31736	119	4.06
ASA_WVS_1PNPDK20080326_061657_000013192067_00120_31737_8173.N1						IS2	V/V	67	31737	120	4.06
ASA_WVS_1PNPDK20080326_065247_000020842067_00120_31737_8176.N1						IS2	V/V	67	31737	120	4.06
ASA_WVS_1PNPDK20080326_081126_000004052067_00121_31738_8333.N1						IS2	V/V	67	31738	121	4.06
ASA_WVS_1PNPDK20080326_083323_000020842067_00121_31738_8340.N1						IS2	V/V	67	31738	121	4.06
ASA_WVS_1PNPDK20080326_090823_000000602067_00121_31738_8343.N1						IS2	V/V	67	31738	121	4.06
ASA_WVS_1PNPDK20080326_094105_000011542067_00122_31739_8468.N1						IS2	V/V	67	31739	122	4.06
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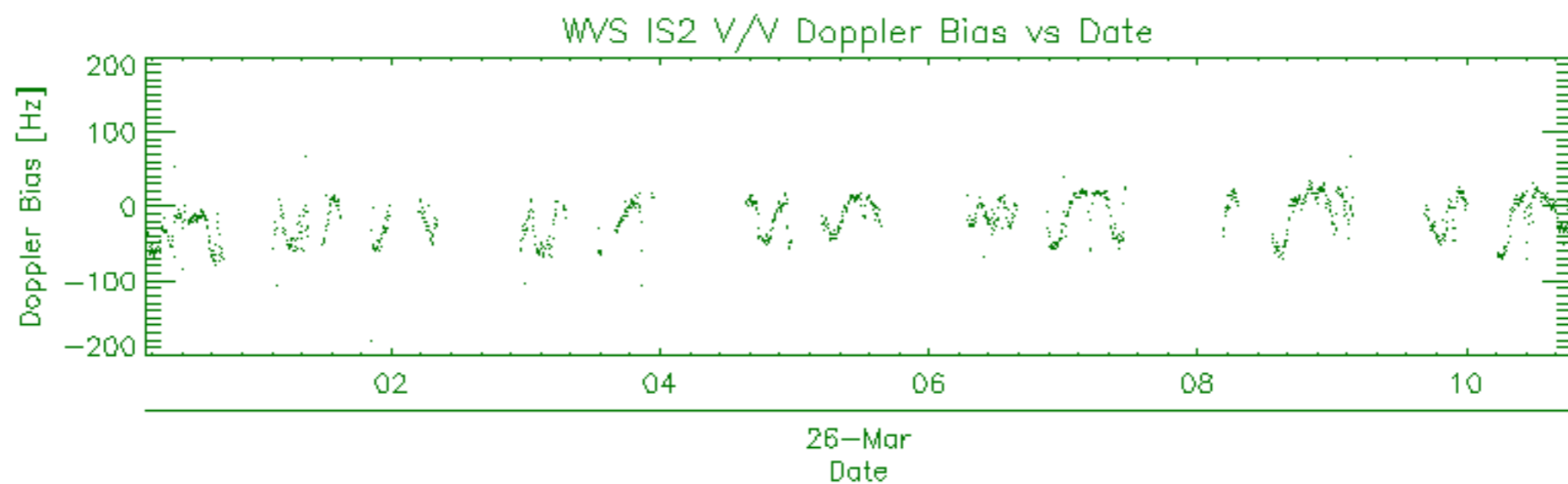
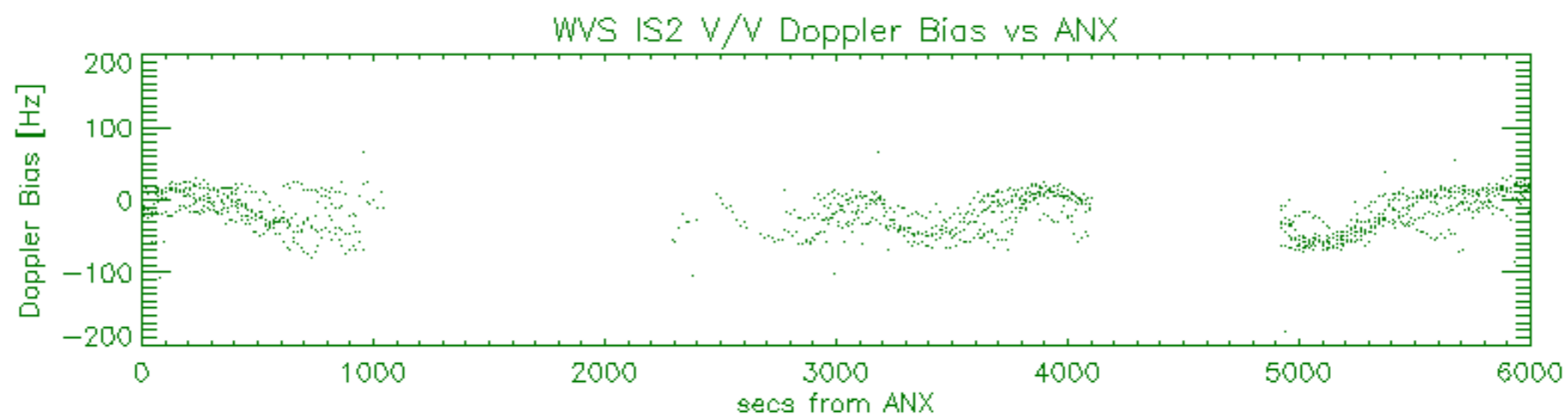
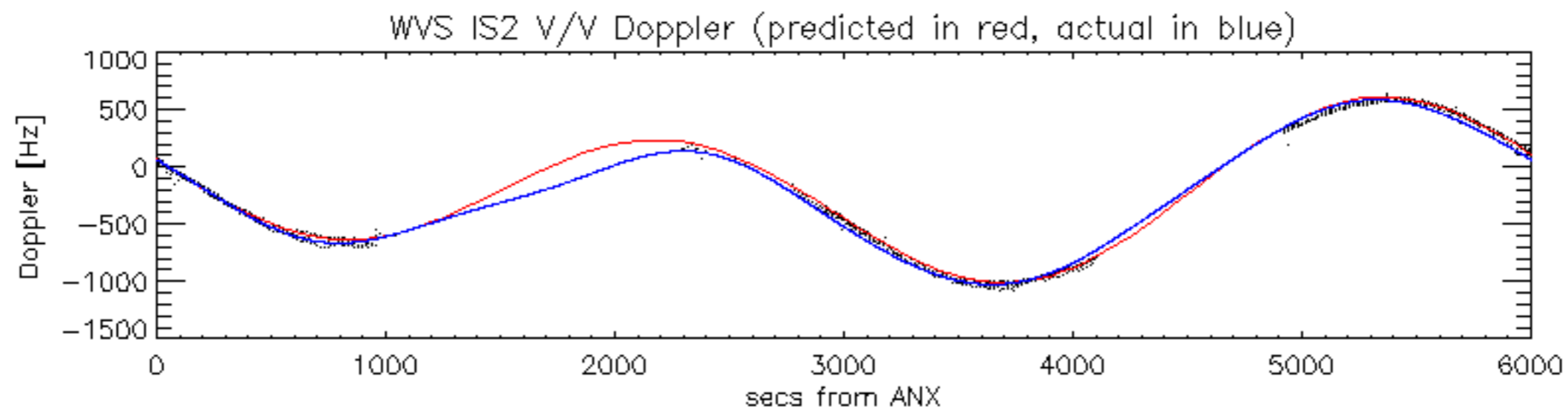


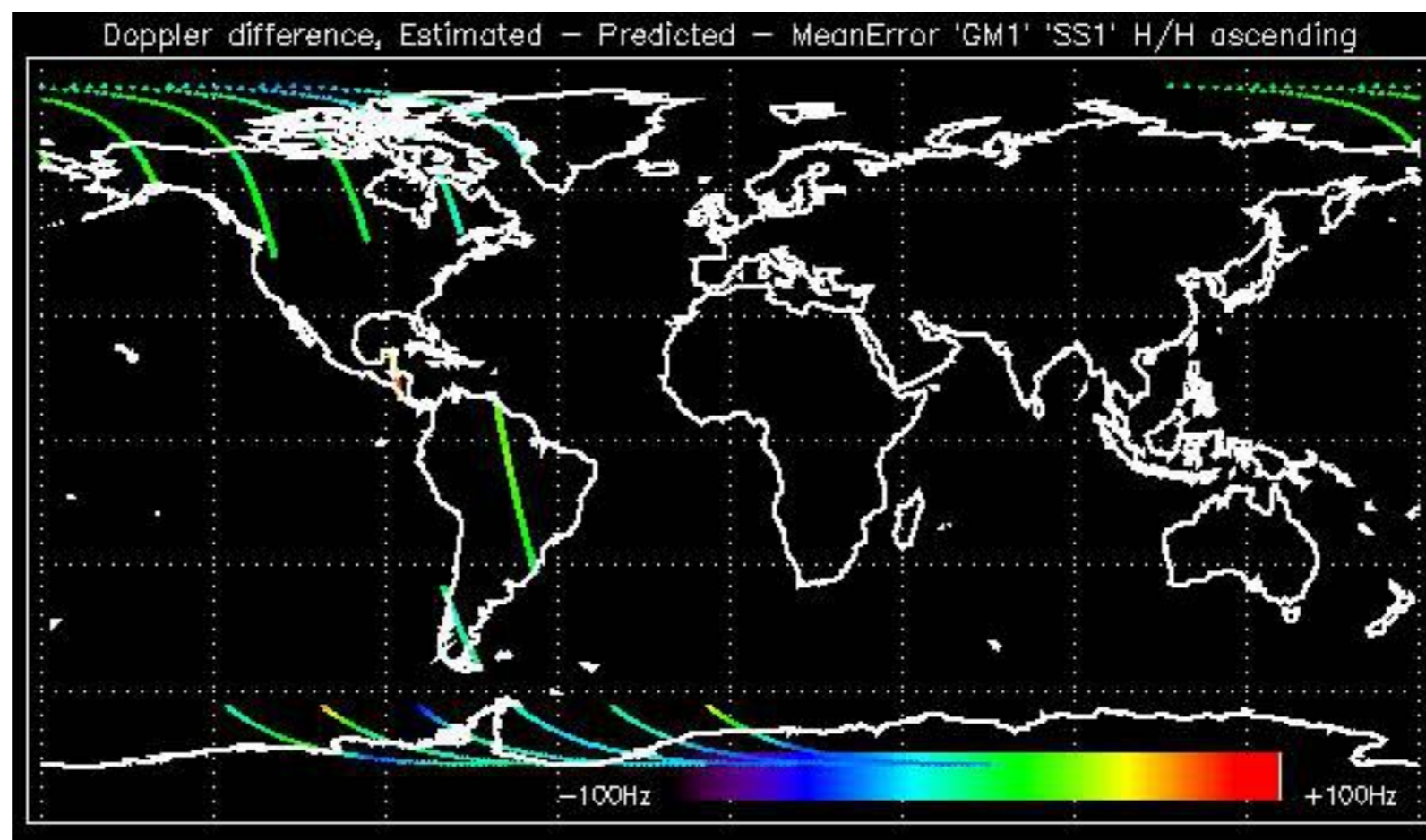


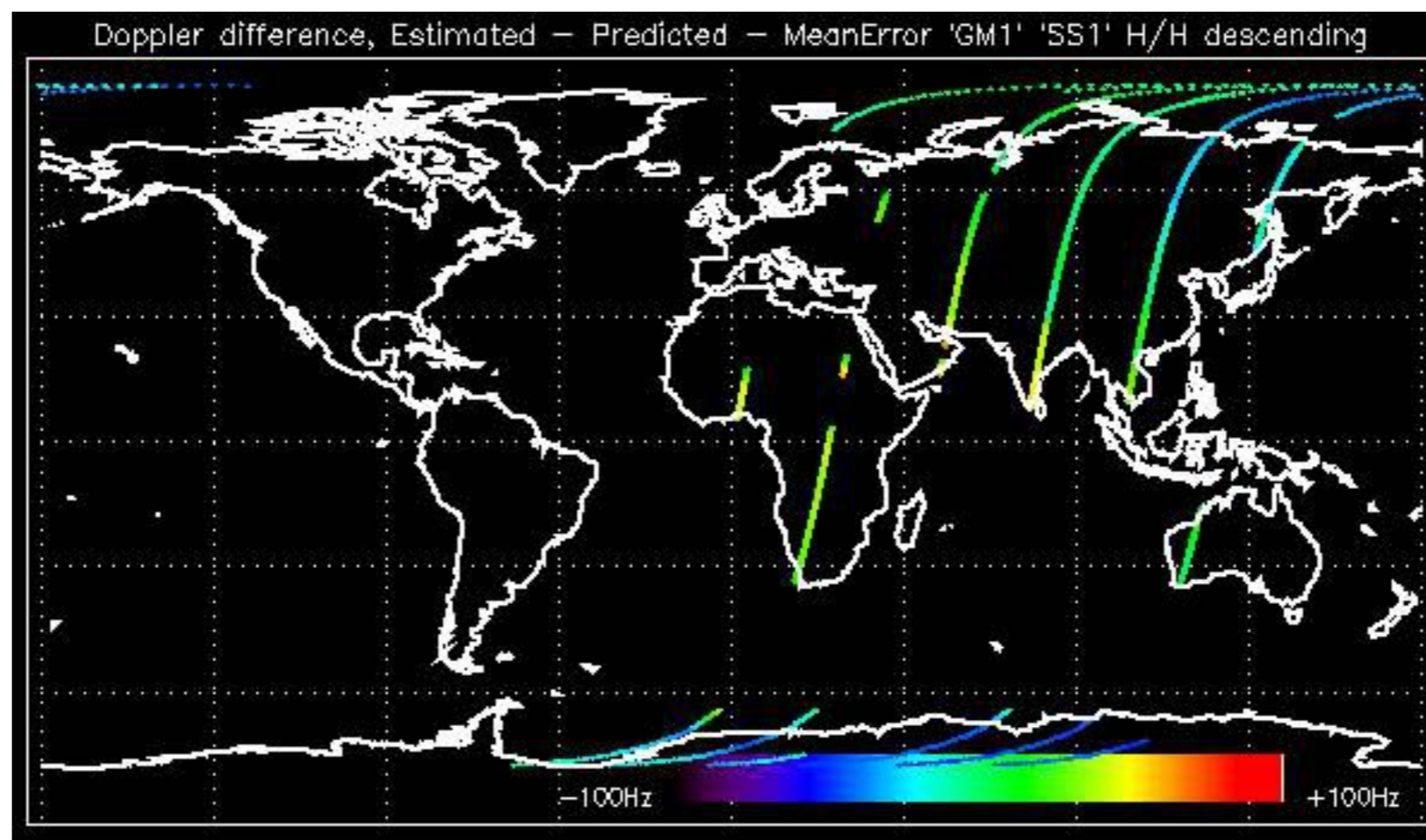


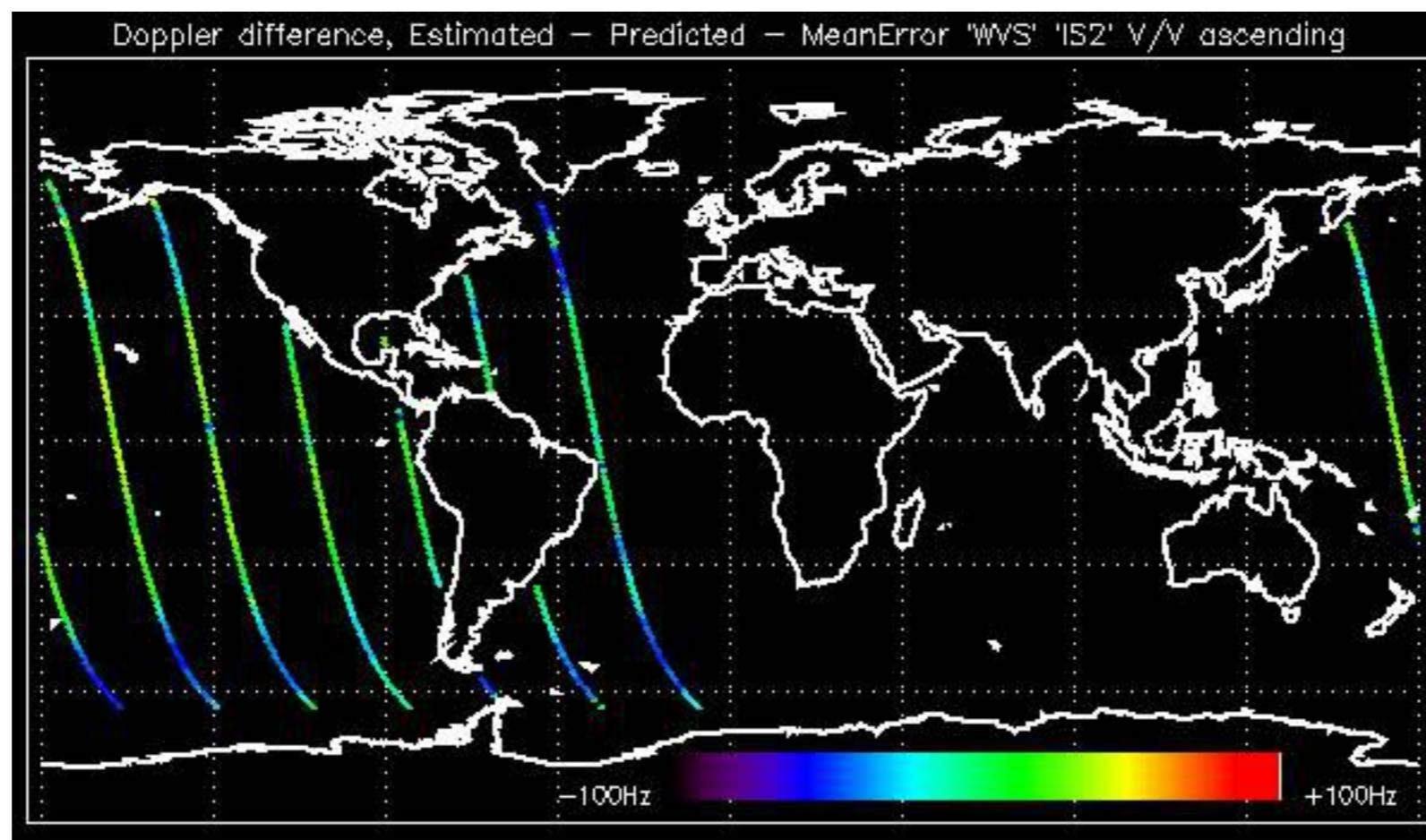


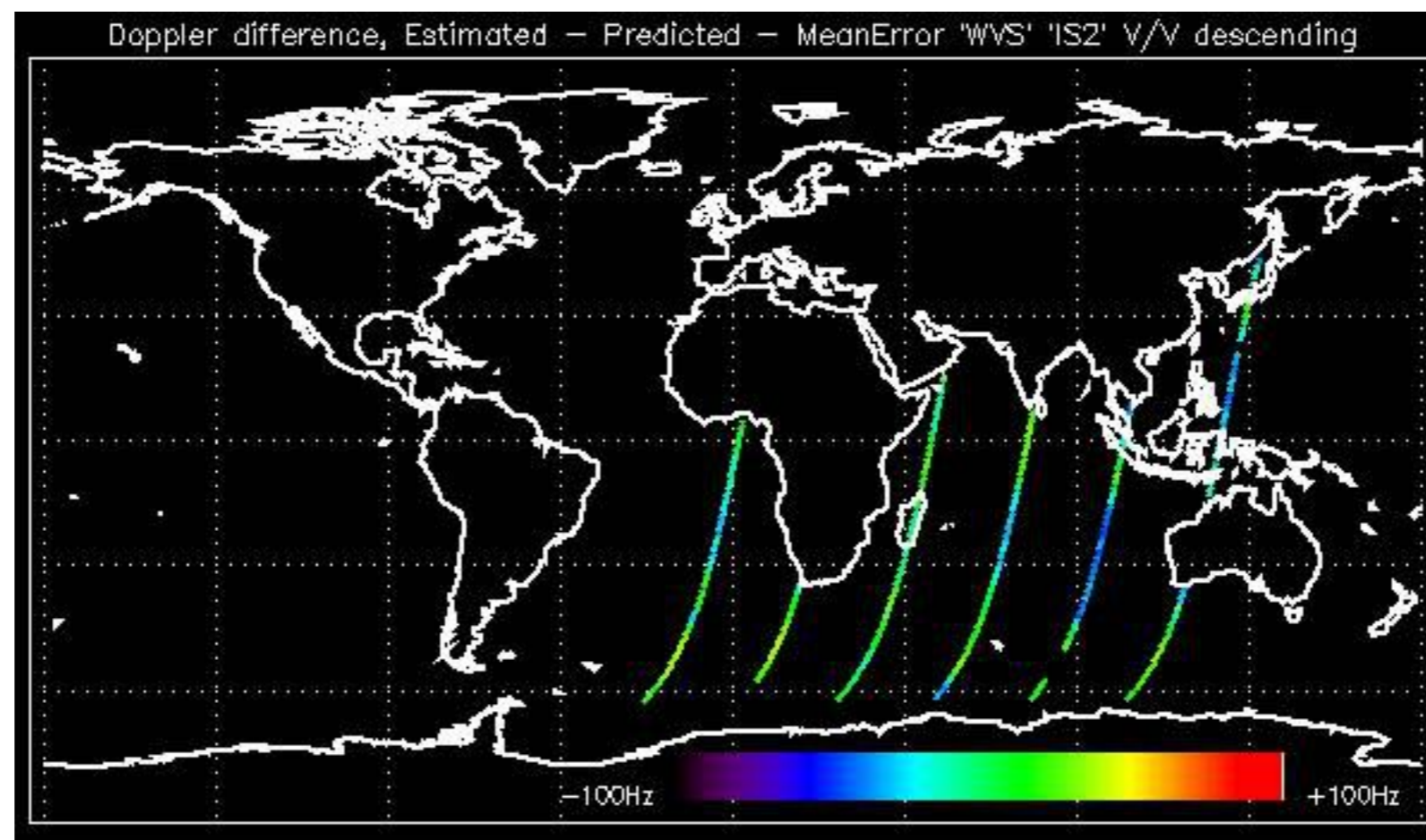


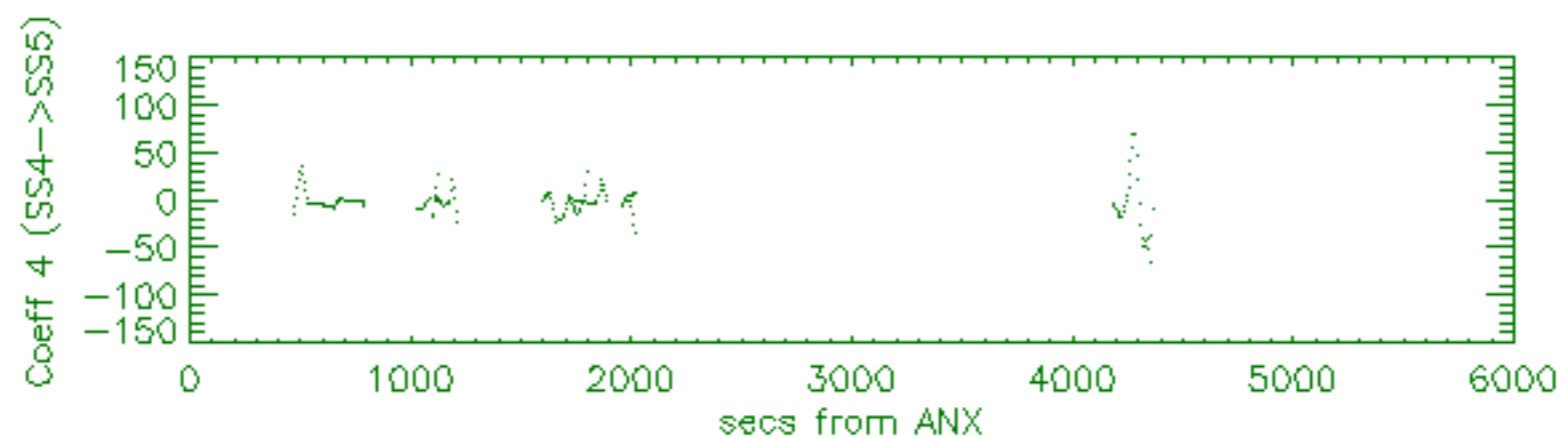
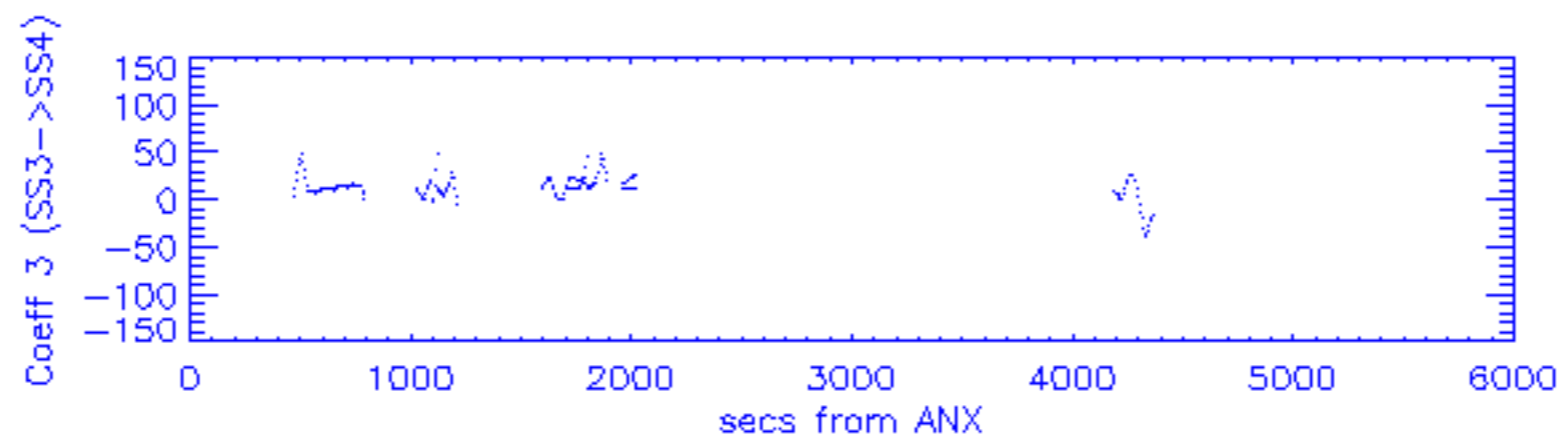
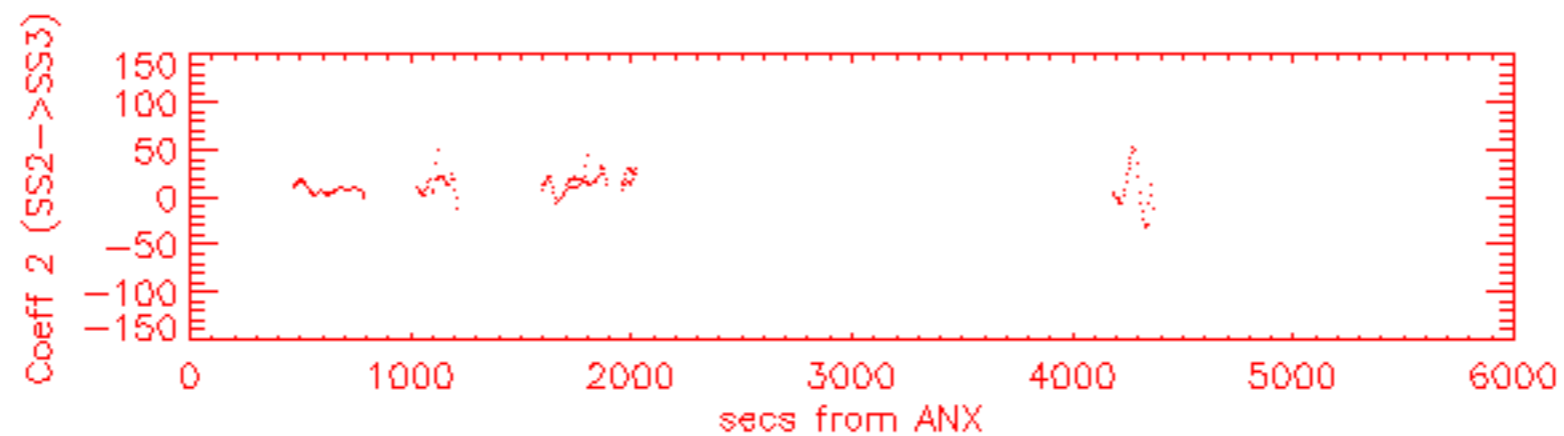
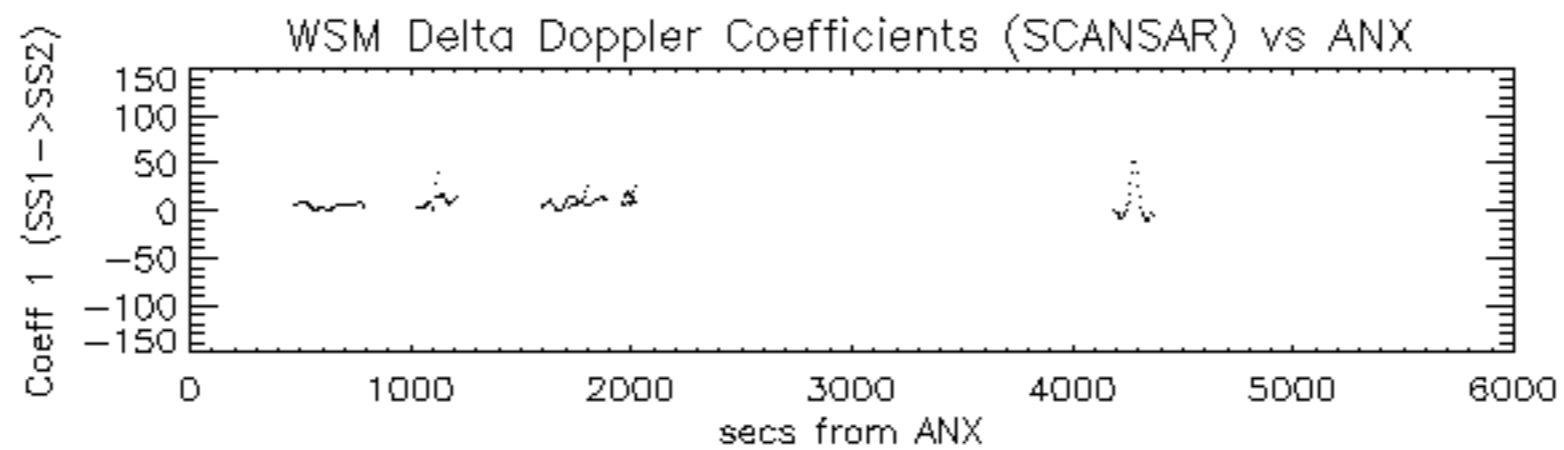


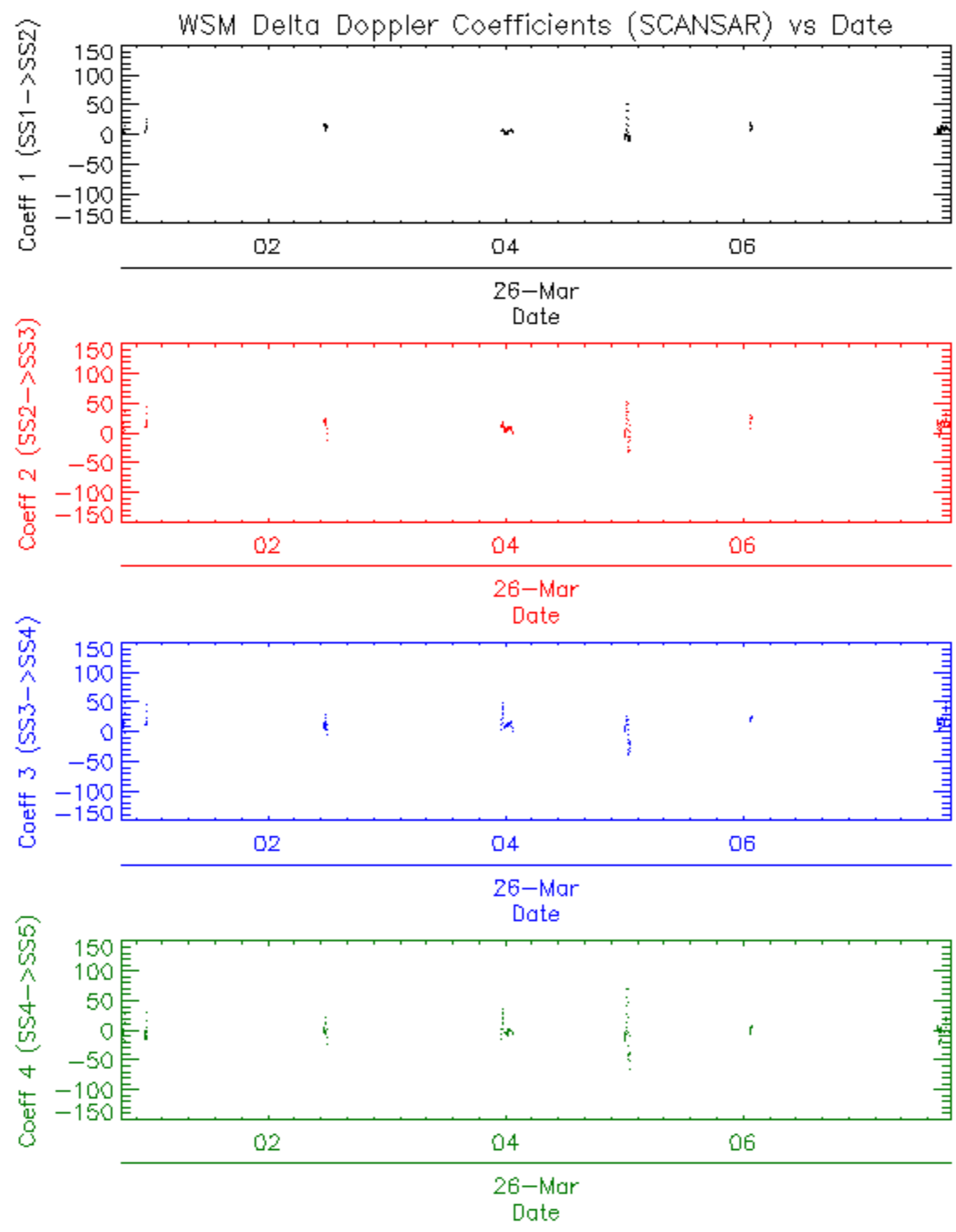


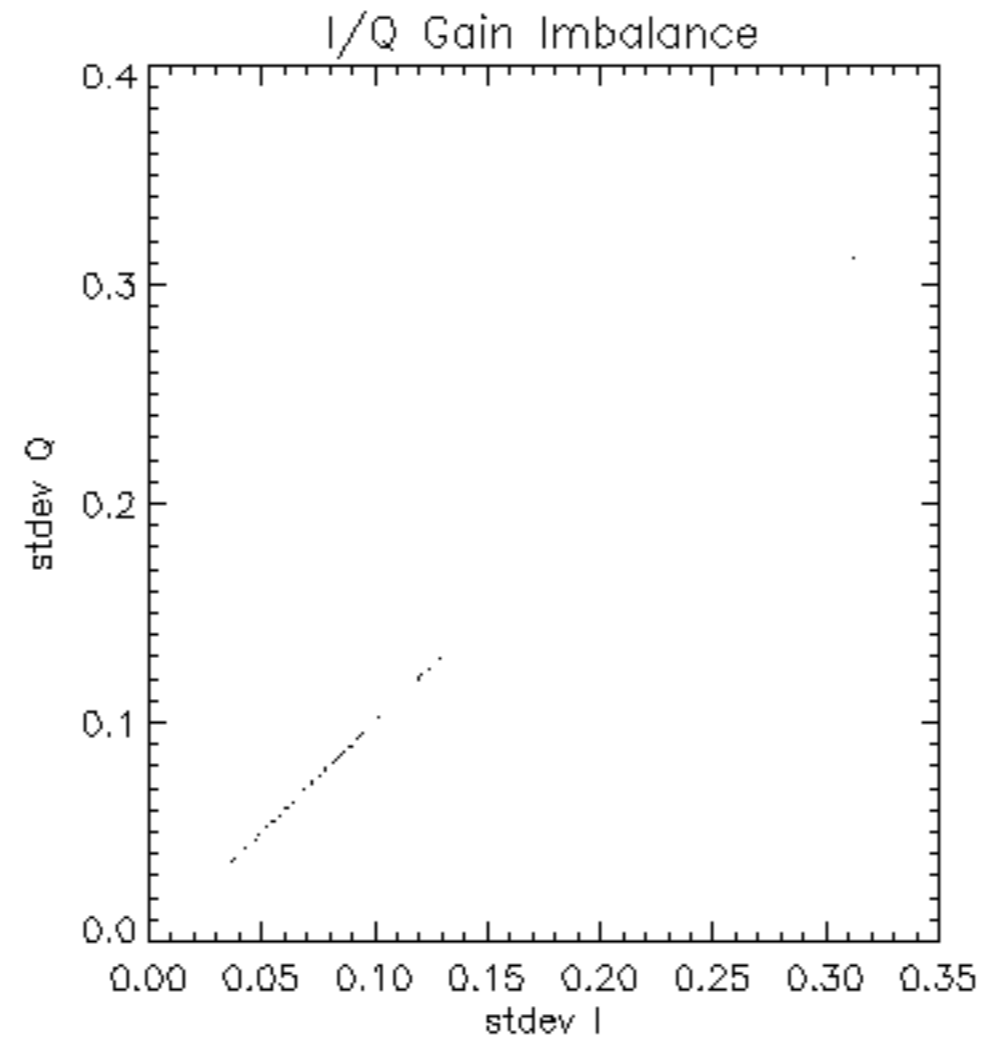


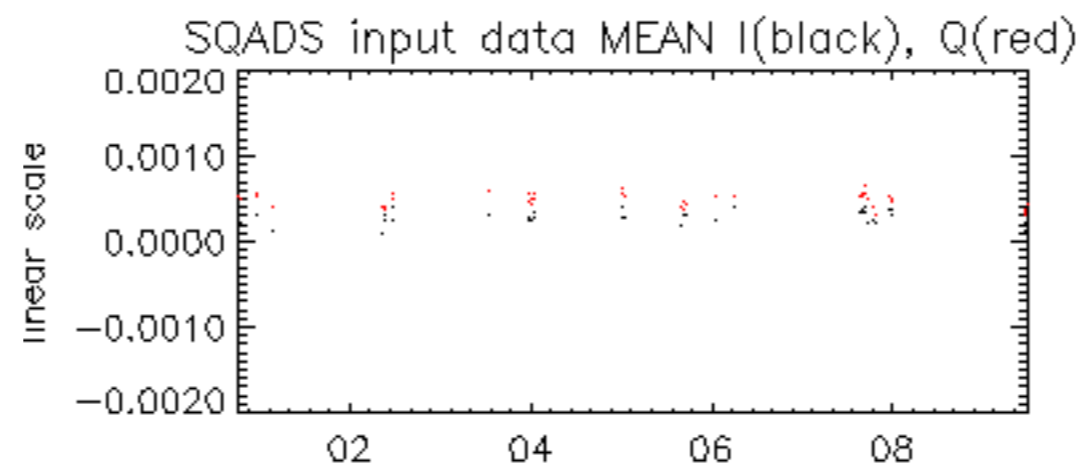




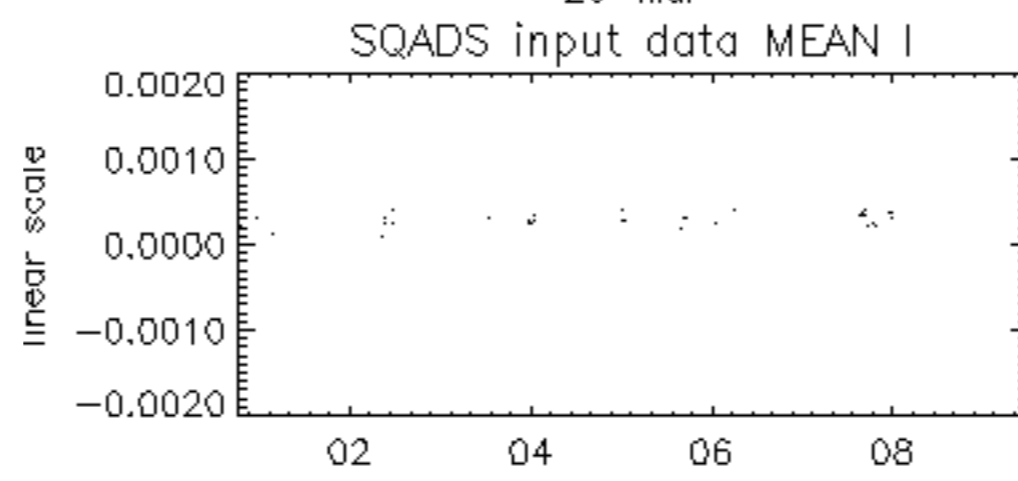




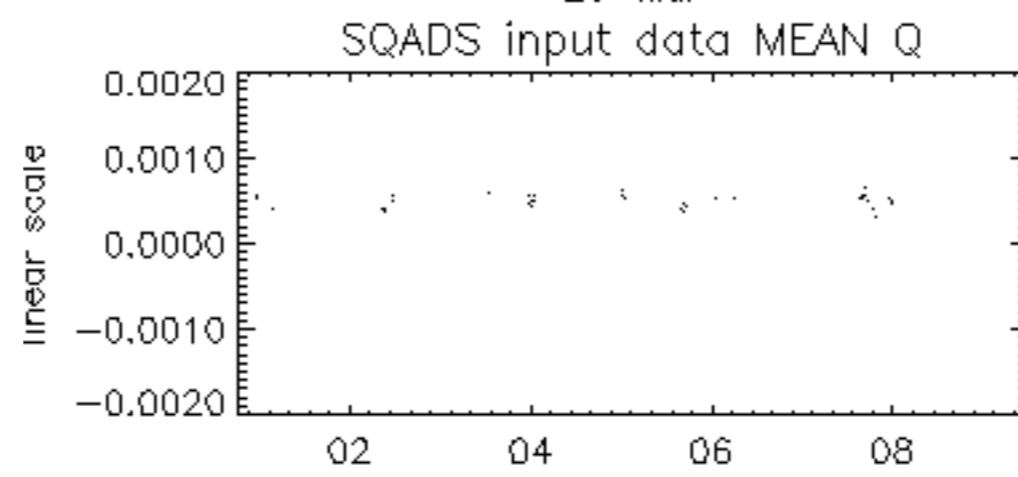




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