



Analysis from 16-OCT-2009 00:00:00 to 16-OCT-2009 23:59:59. Page generated on 17-OCT-2009 07:32:29.
View log file: ASAR_Daily_Report_20091017_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	1	PDE	WS	H/H	30					PDE	IS1	H/H	1	PDE	WS	H/H	61	PDE	2009-10-16 03:34:07	V	320
PDE	IS2	V/V	21	PDK	WS	H/H	49					PDE	IS1	V/V	3	PDE	WS	V/V	5				
PDK	IS2	V/V	23									PDE	IS2	V/V	8	PDK	WS	H/H	17				
												PDE	IS6	V/V	2	PDK	WS	V/V	3				
												PDK	IS2	V/V	4								

1.2 - Lists of products used

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[TXT] [XLS] List_WVS_products_used

[TXT] [XLS] List_GM1_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]

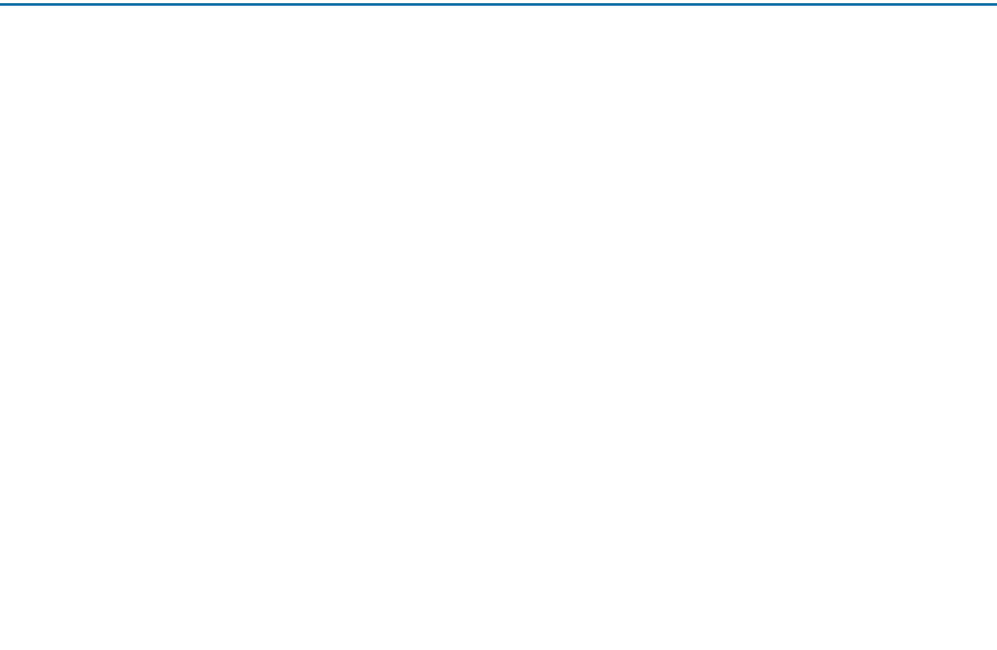
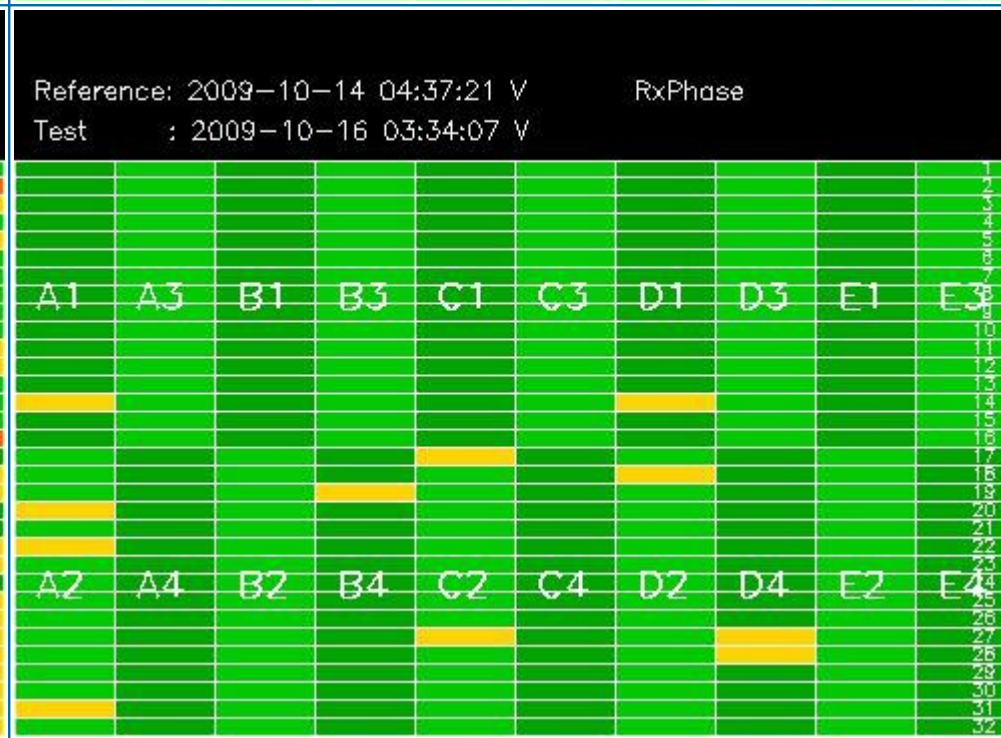
No IECF ADFs list available

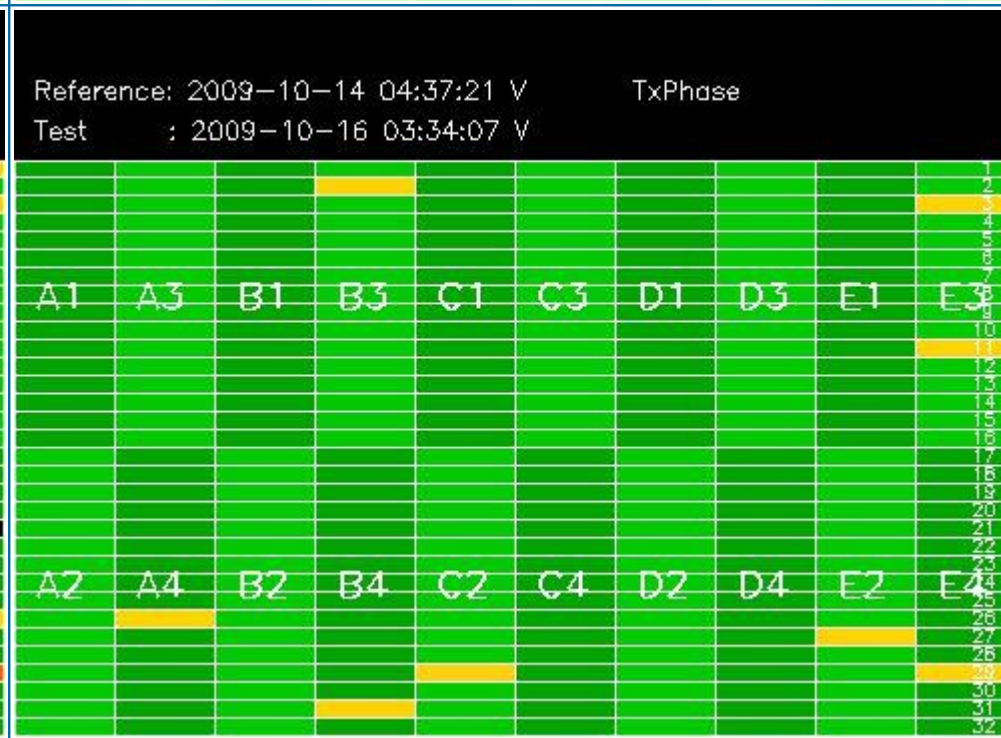
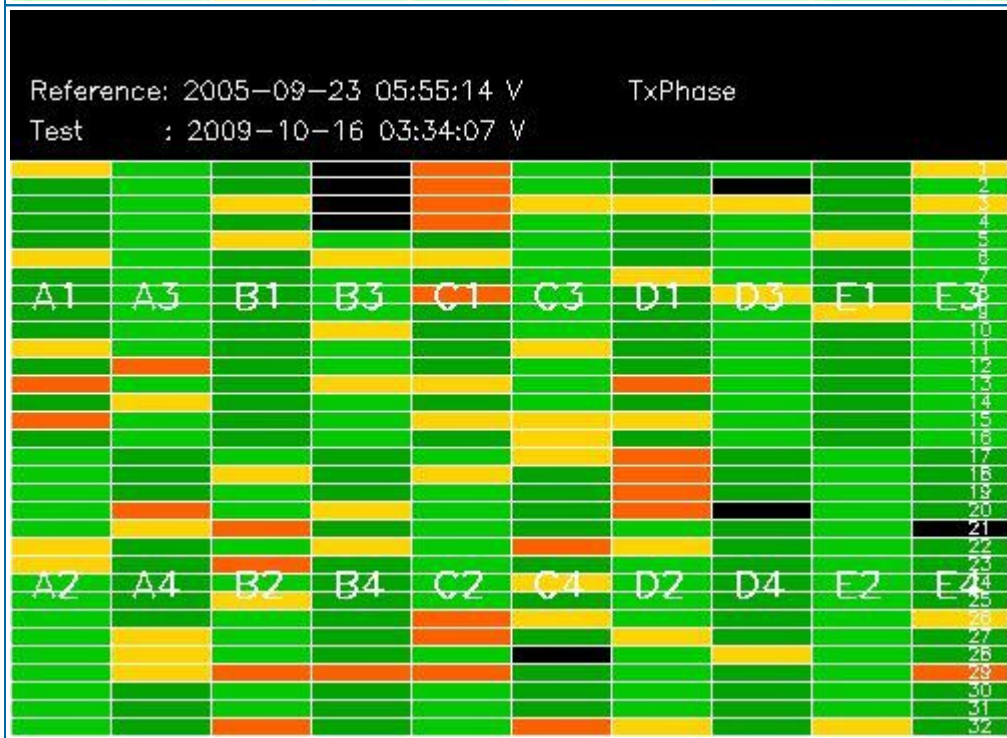
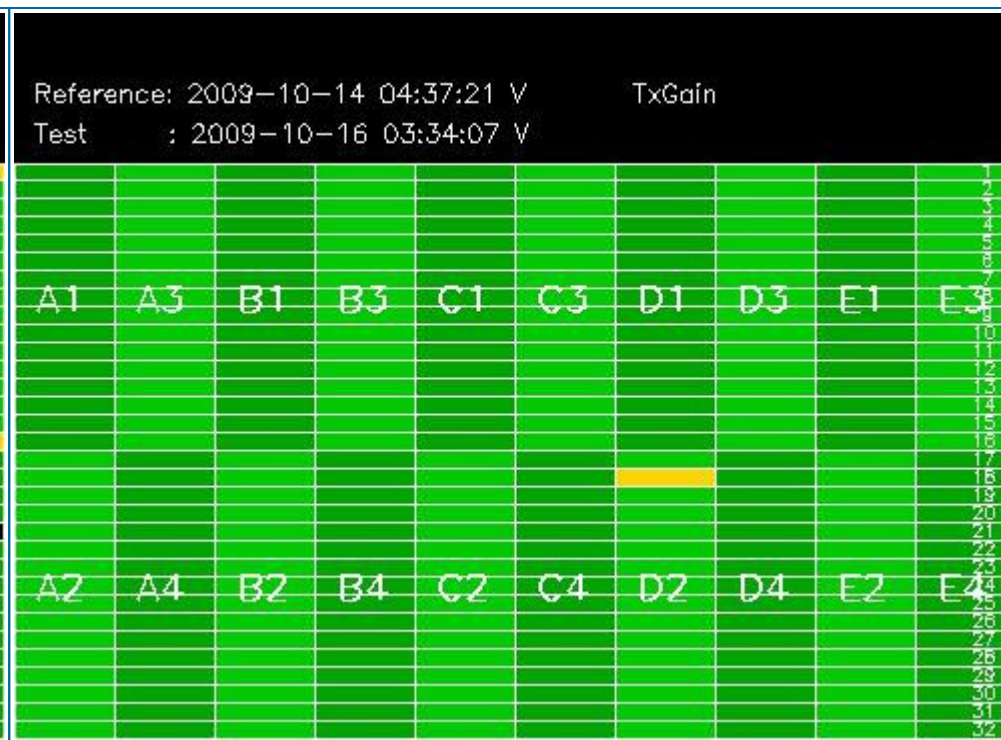
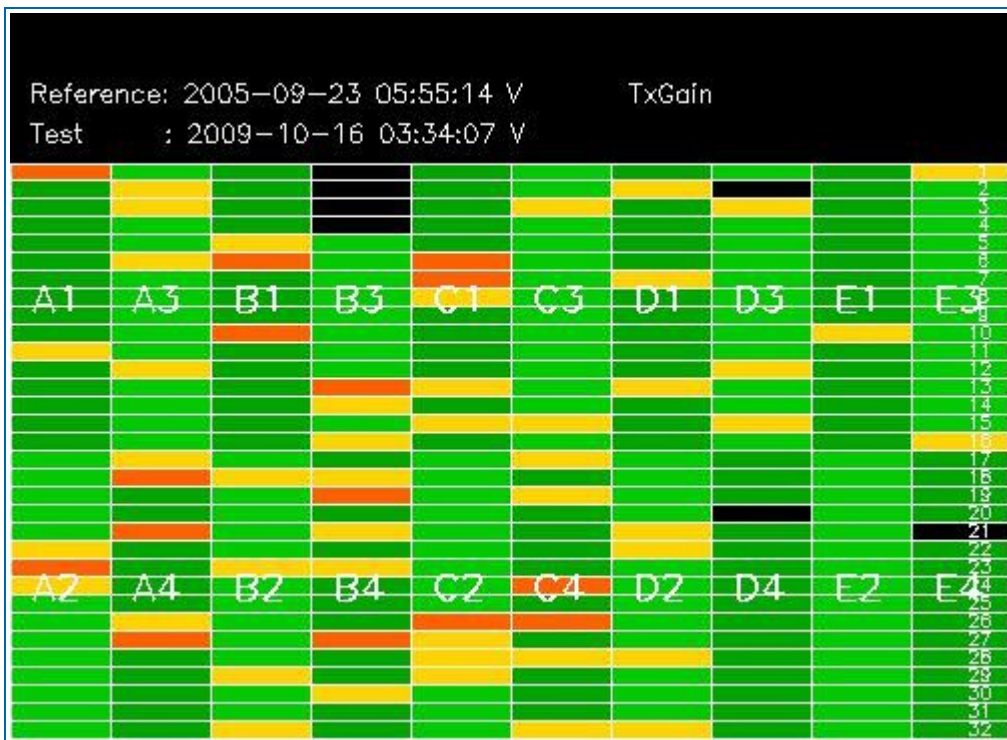
2.2 - Products with wrong ADFs

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3 - MODULE STEPPING PRODUCTS ANALYSIS

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



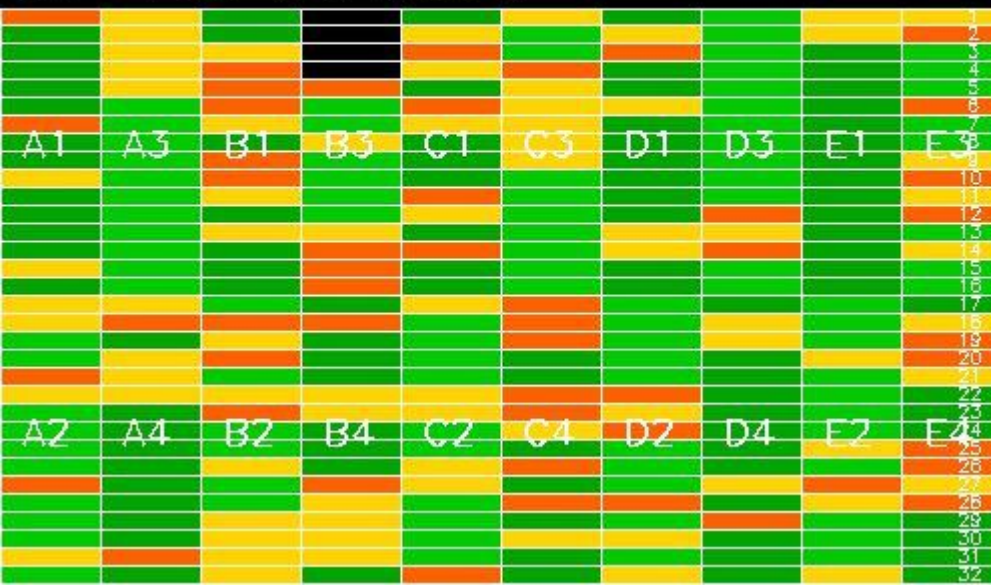


3.2 - H/H polarisation

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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 RxGain
 Test : 2009-10-15 04:05:44 H



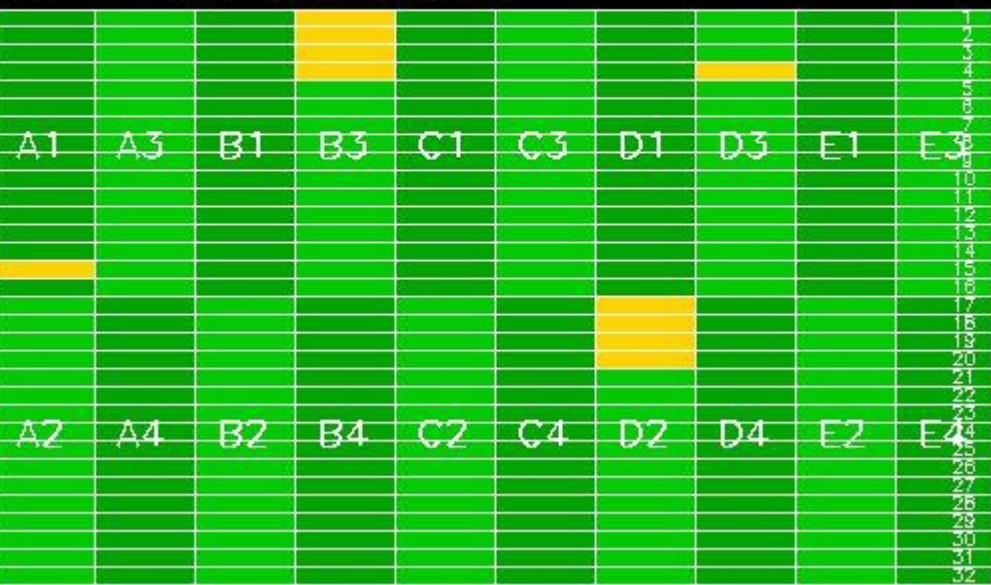
Reference: 2009-10-13 05:08:58 H RxGain
 Test : 2009-10-15 04:05:44 H

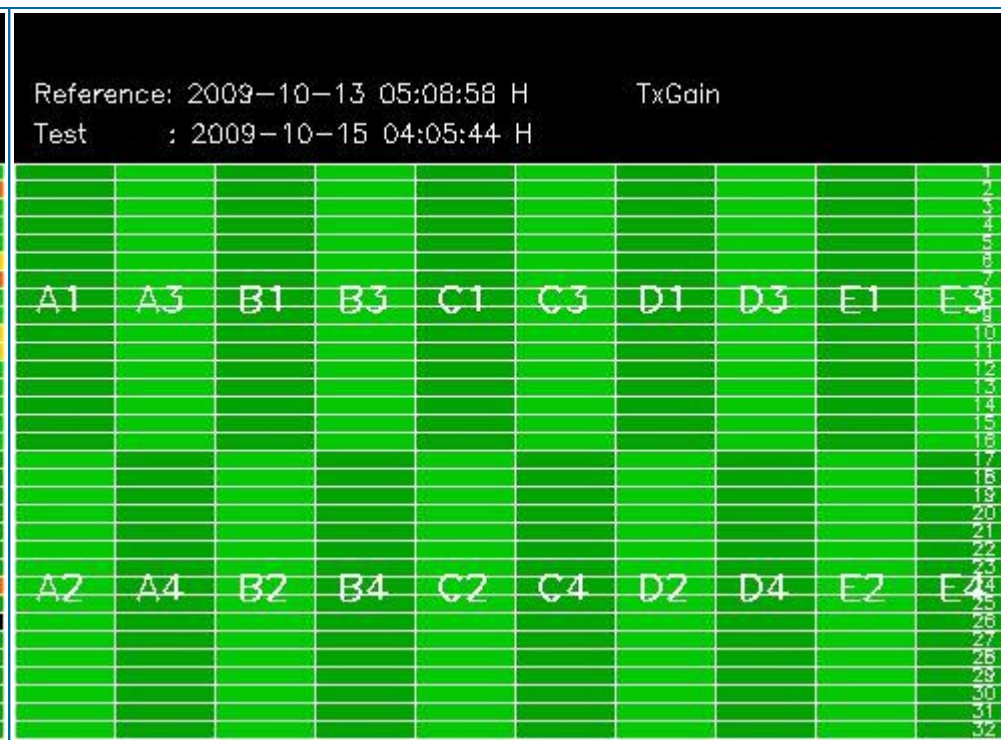
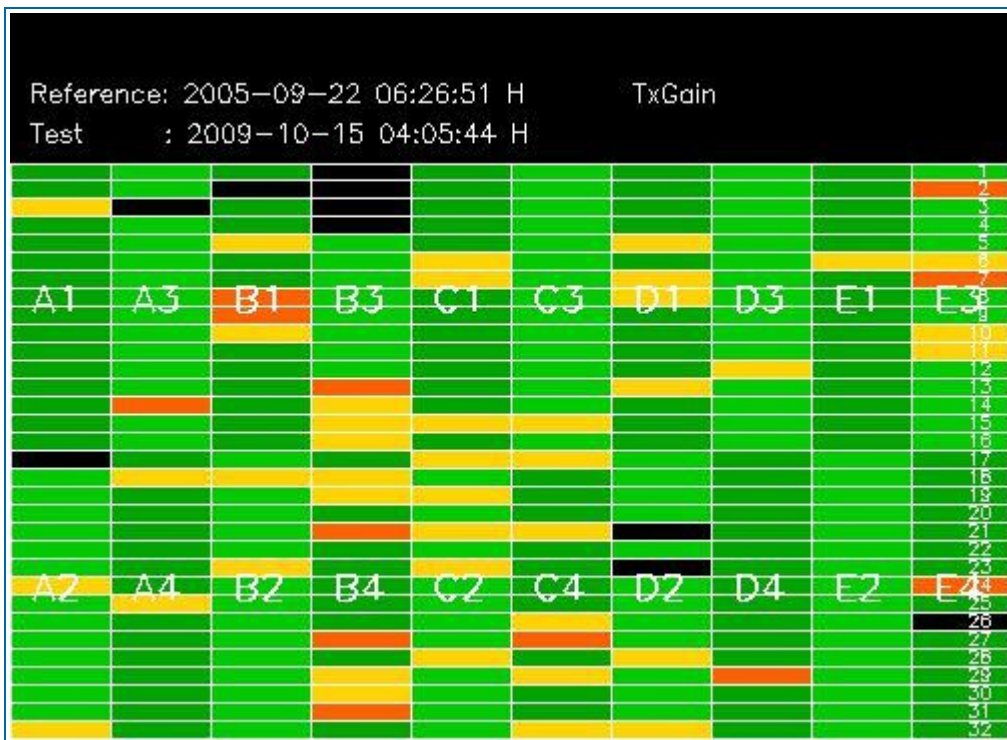


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2009-10-15 04:05:44 H



Reference: 2009-10-13 05:08:58 H RxPhase
 Test : 2009-10-15 04:05:44 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

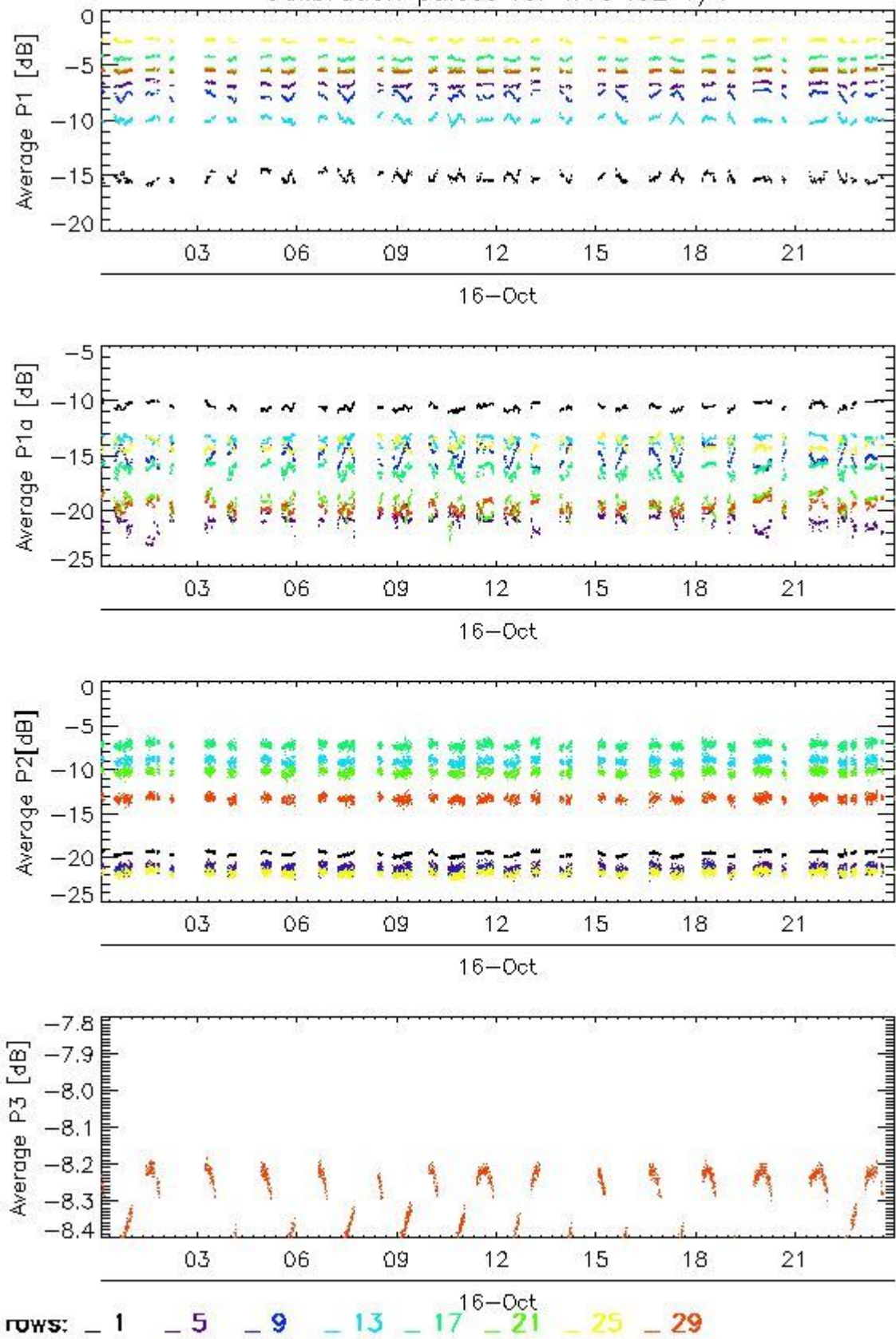
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

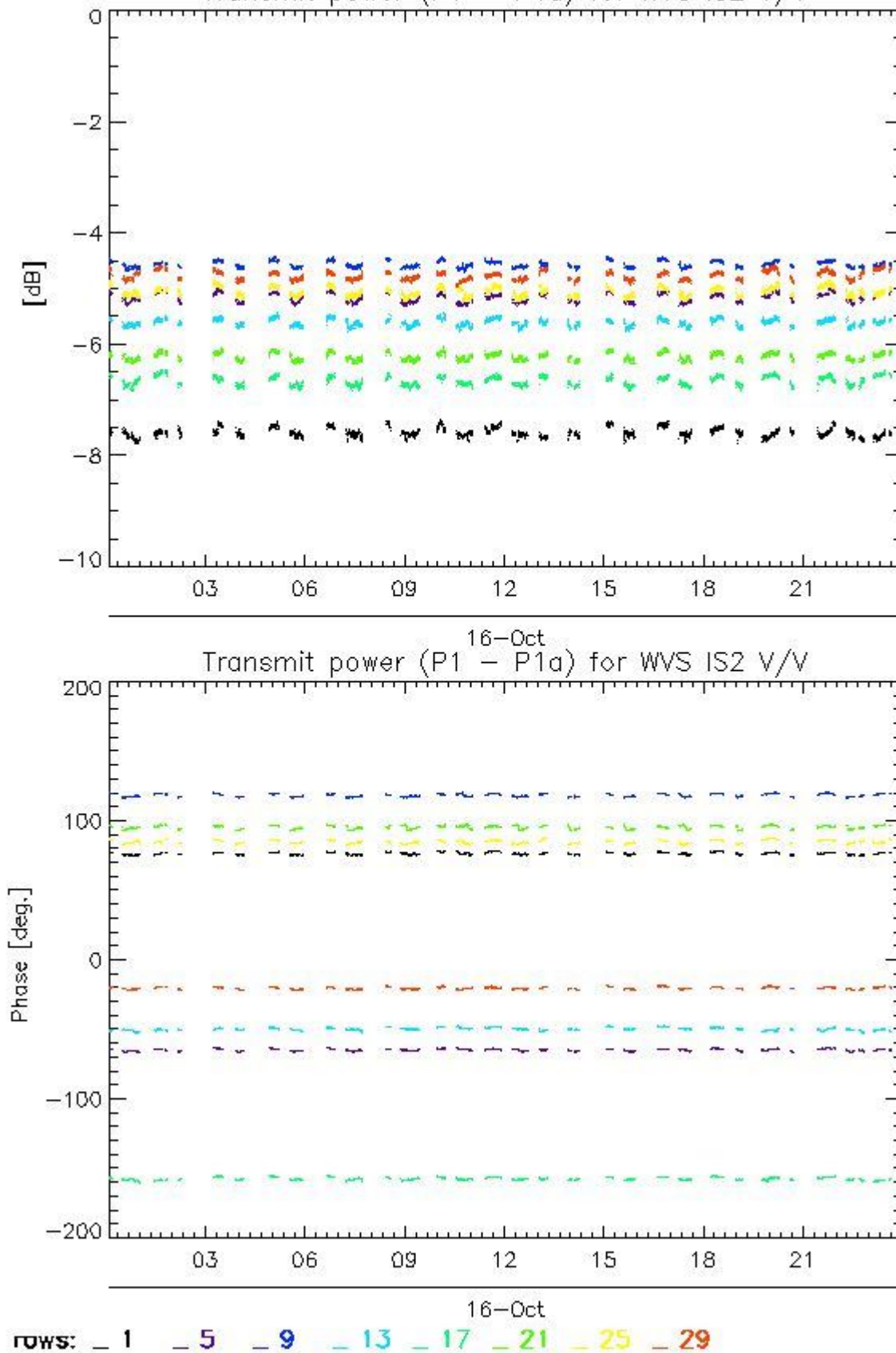
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



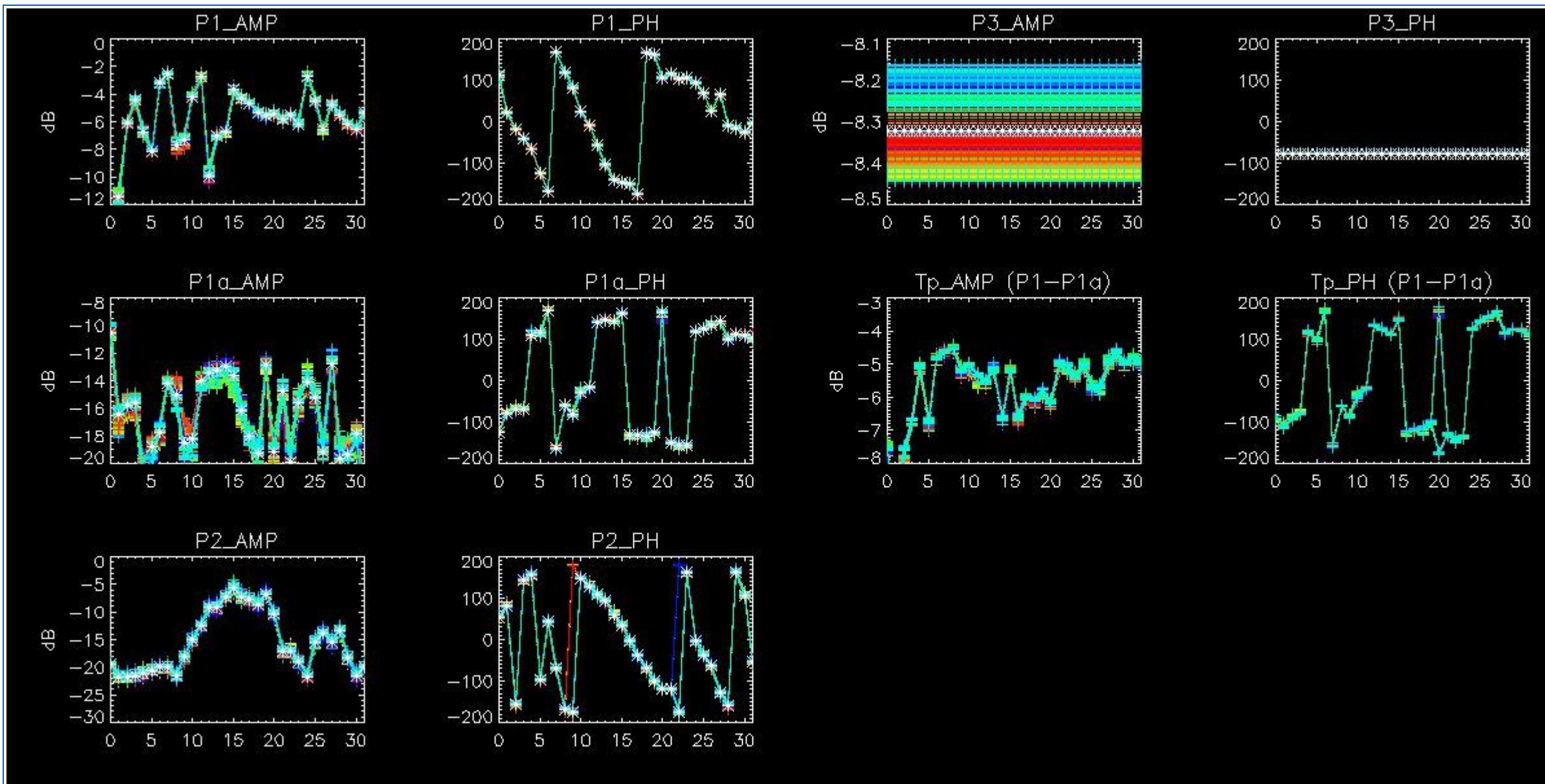
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]





4.2 - Analysis for GM1 SS3 H/H

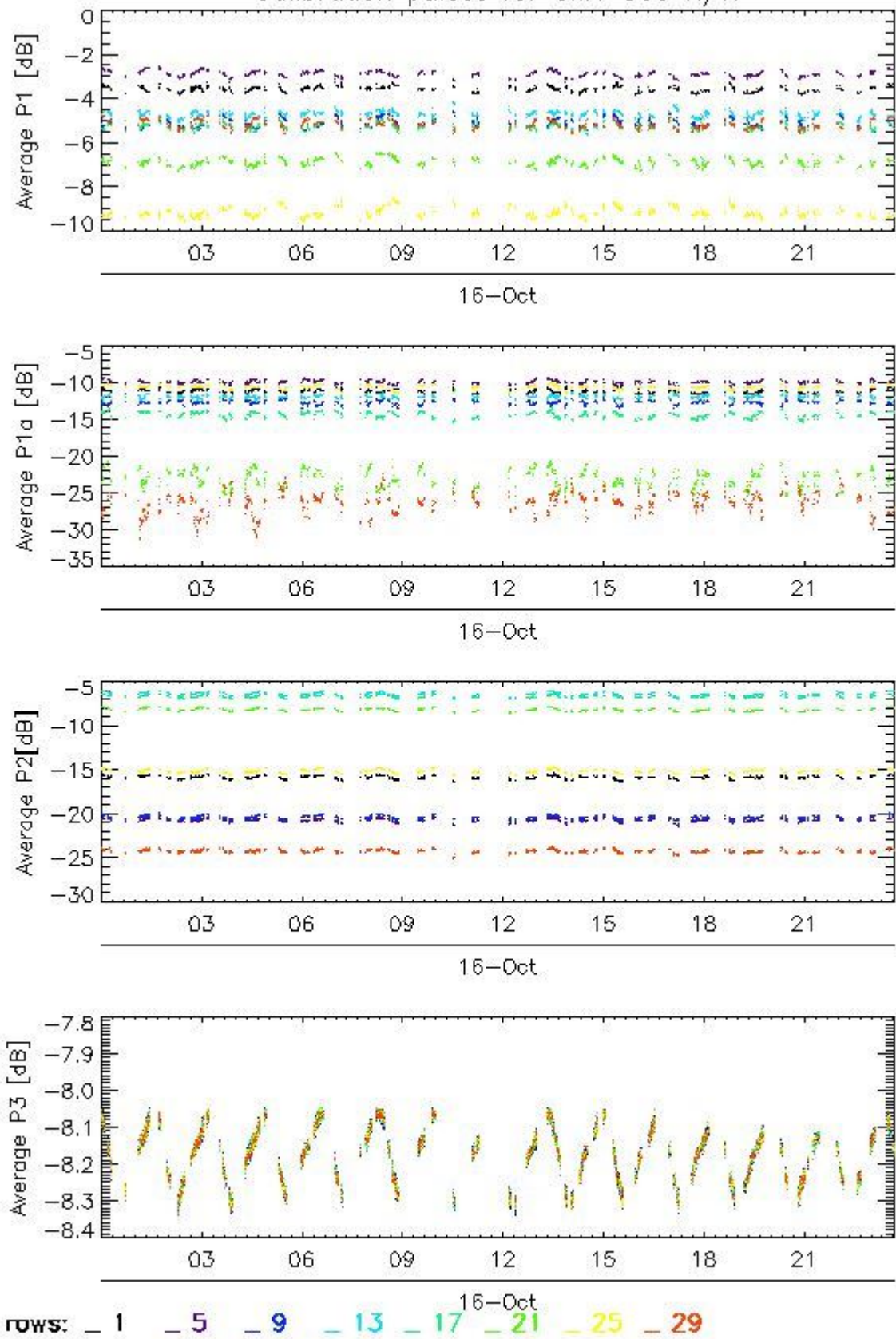
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

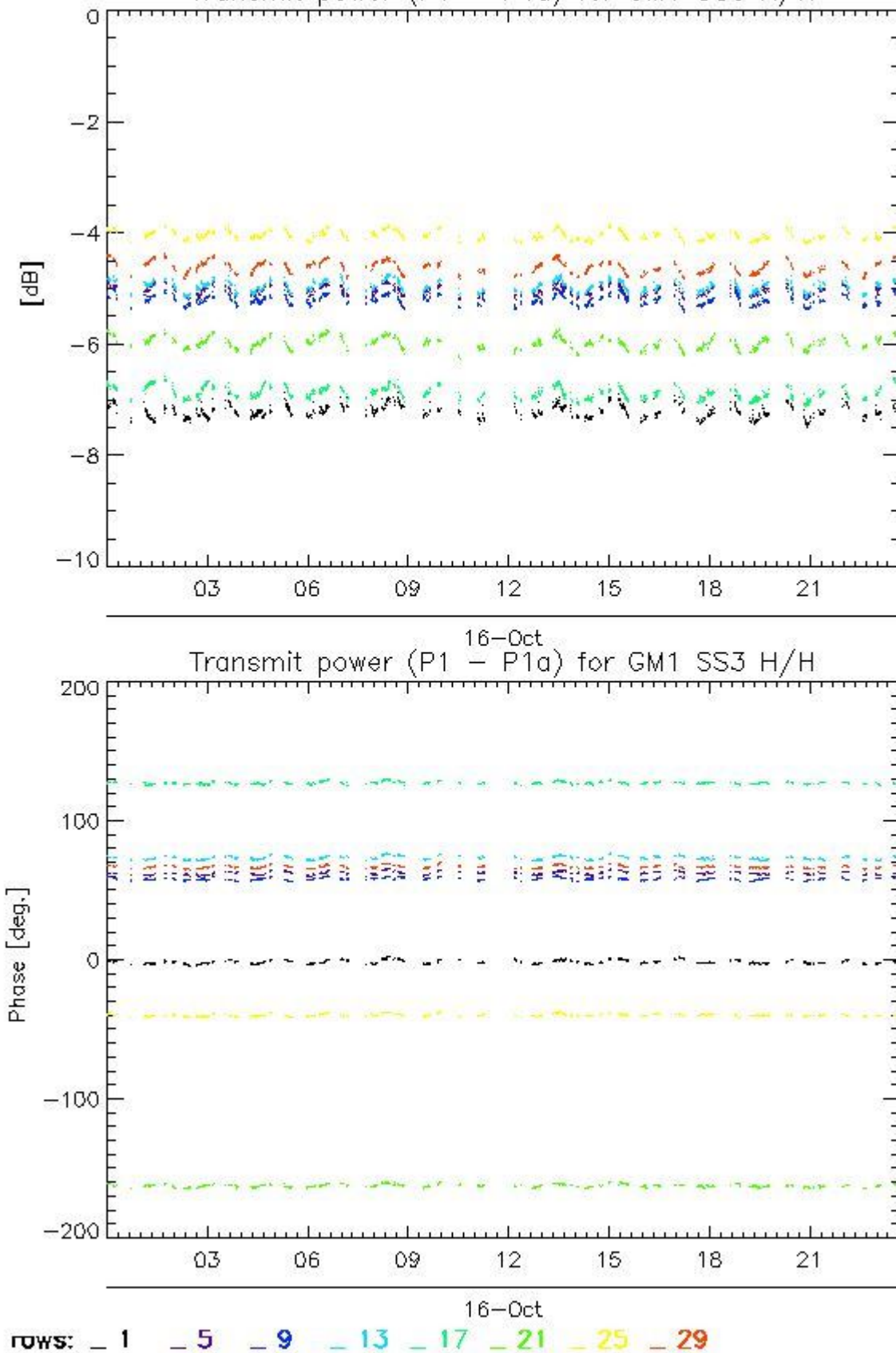
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



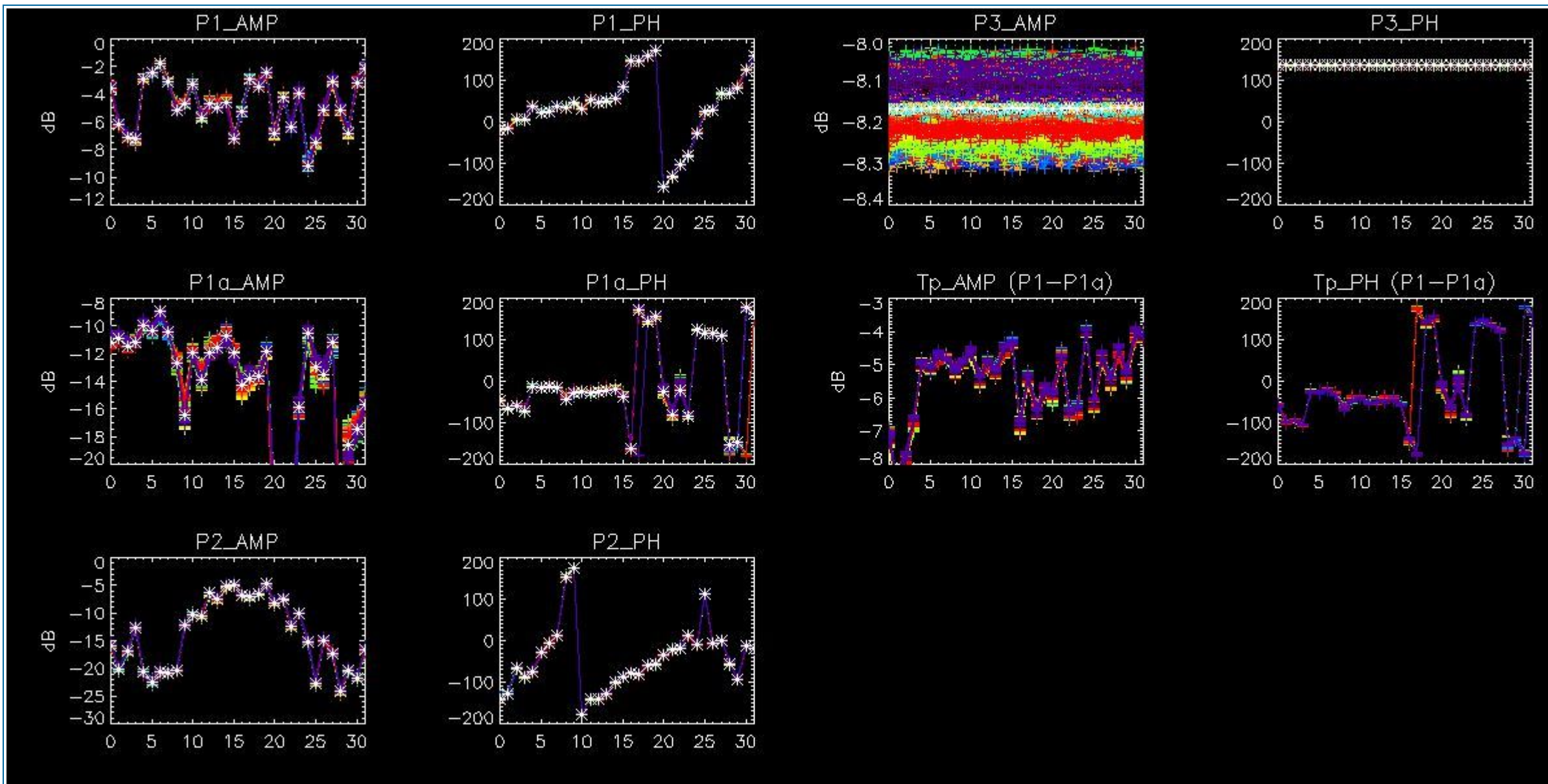
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[BACK TO MENU]



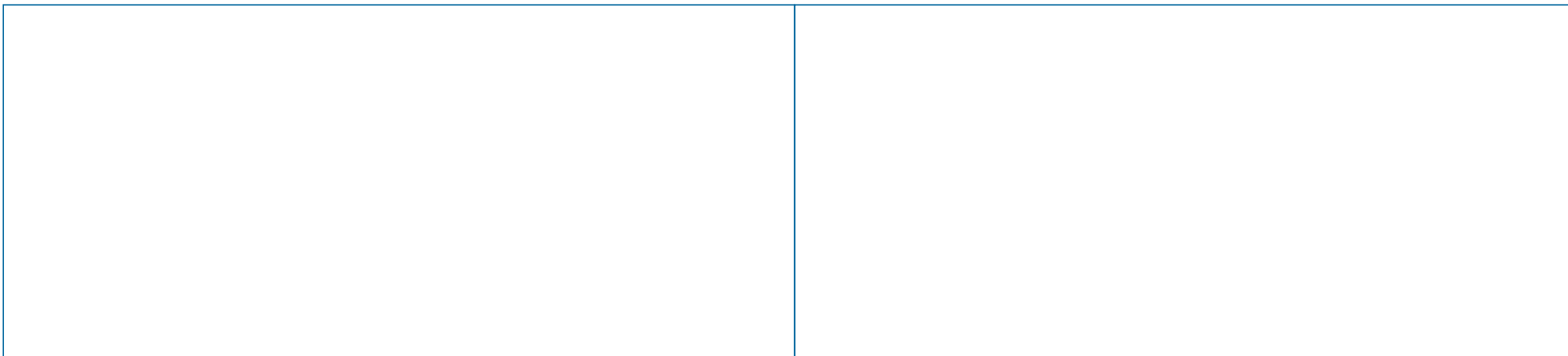


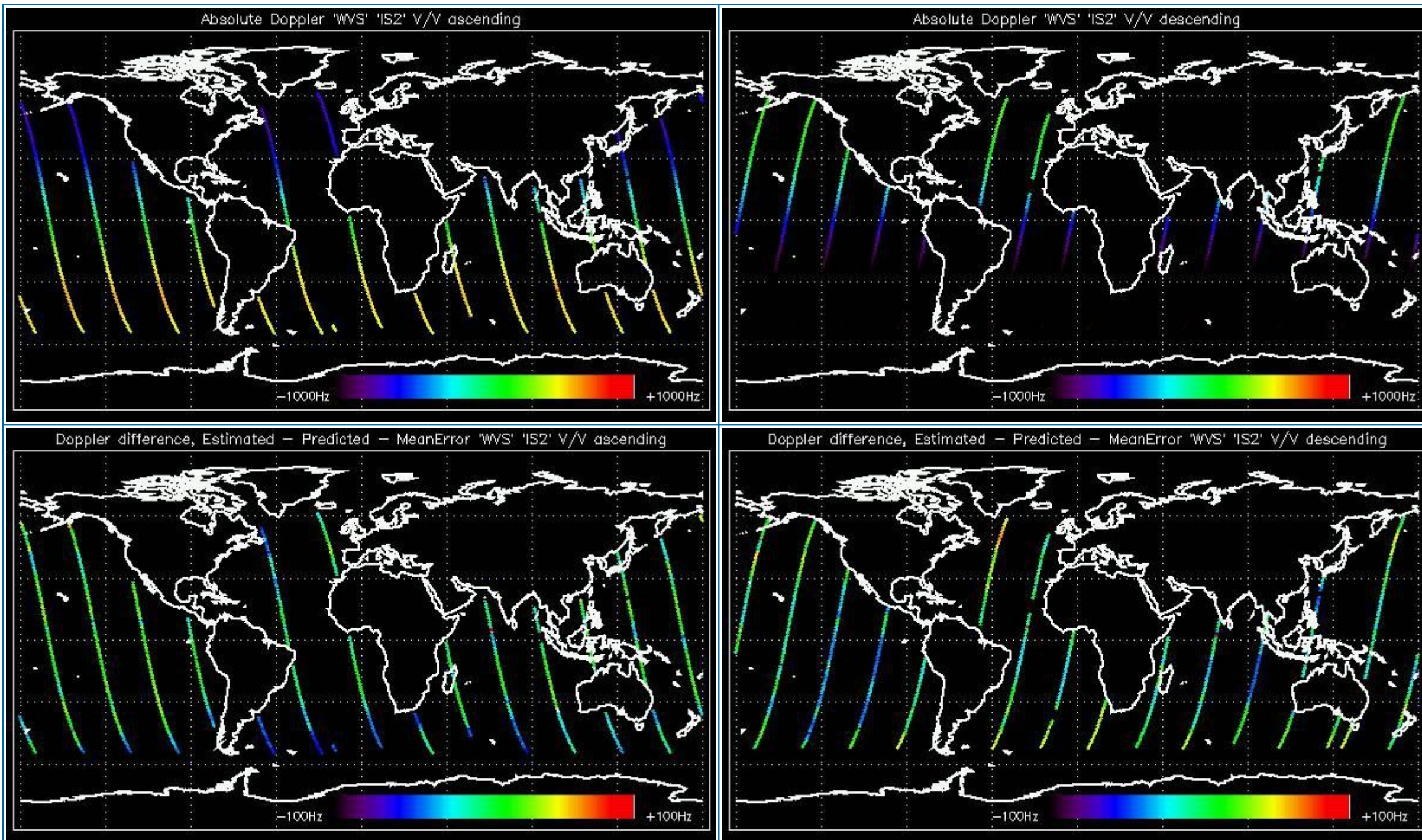
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

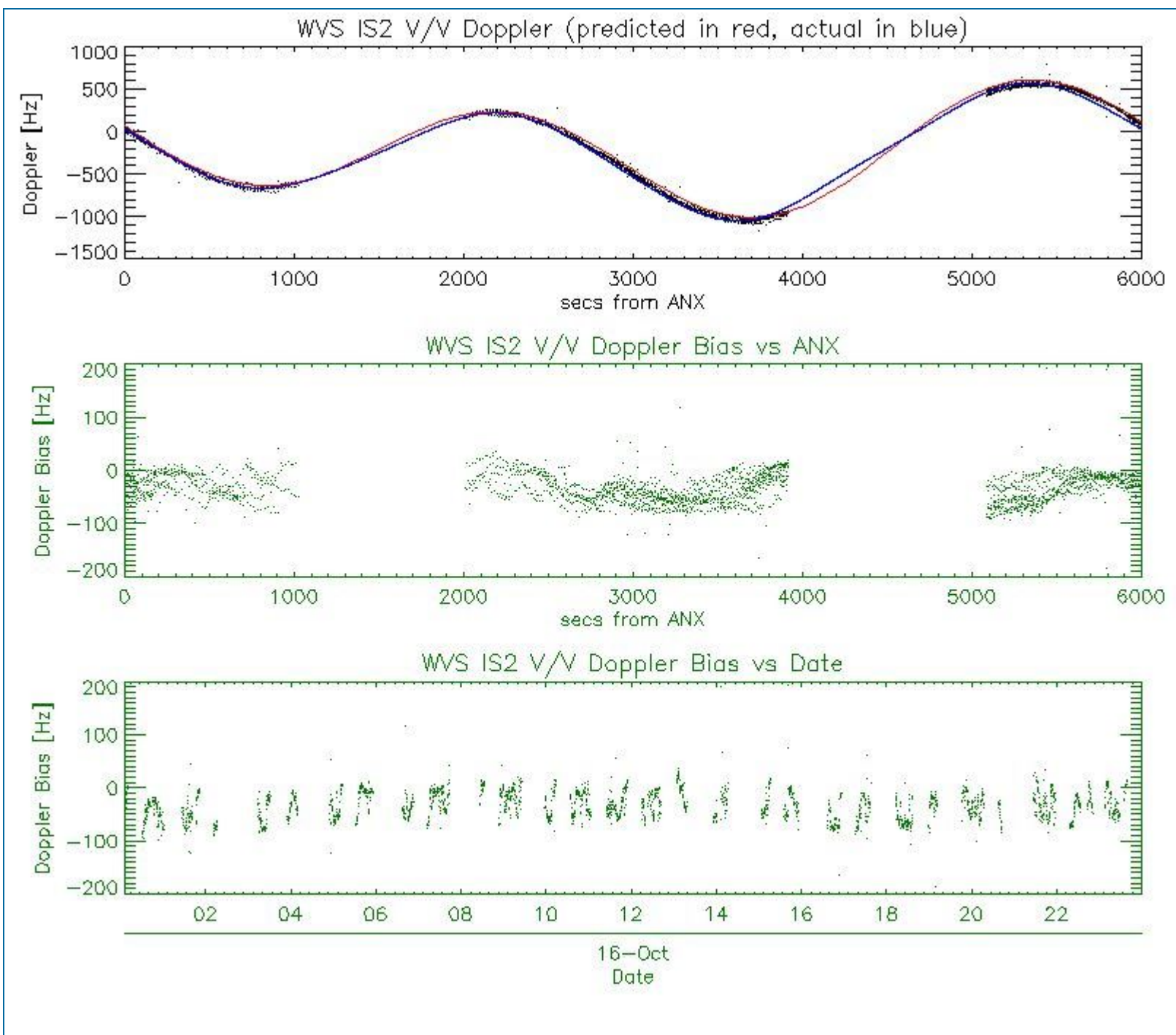




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



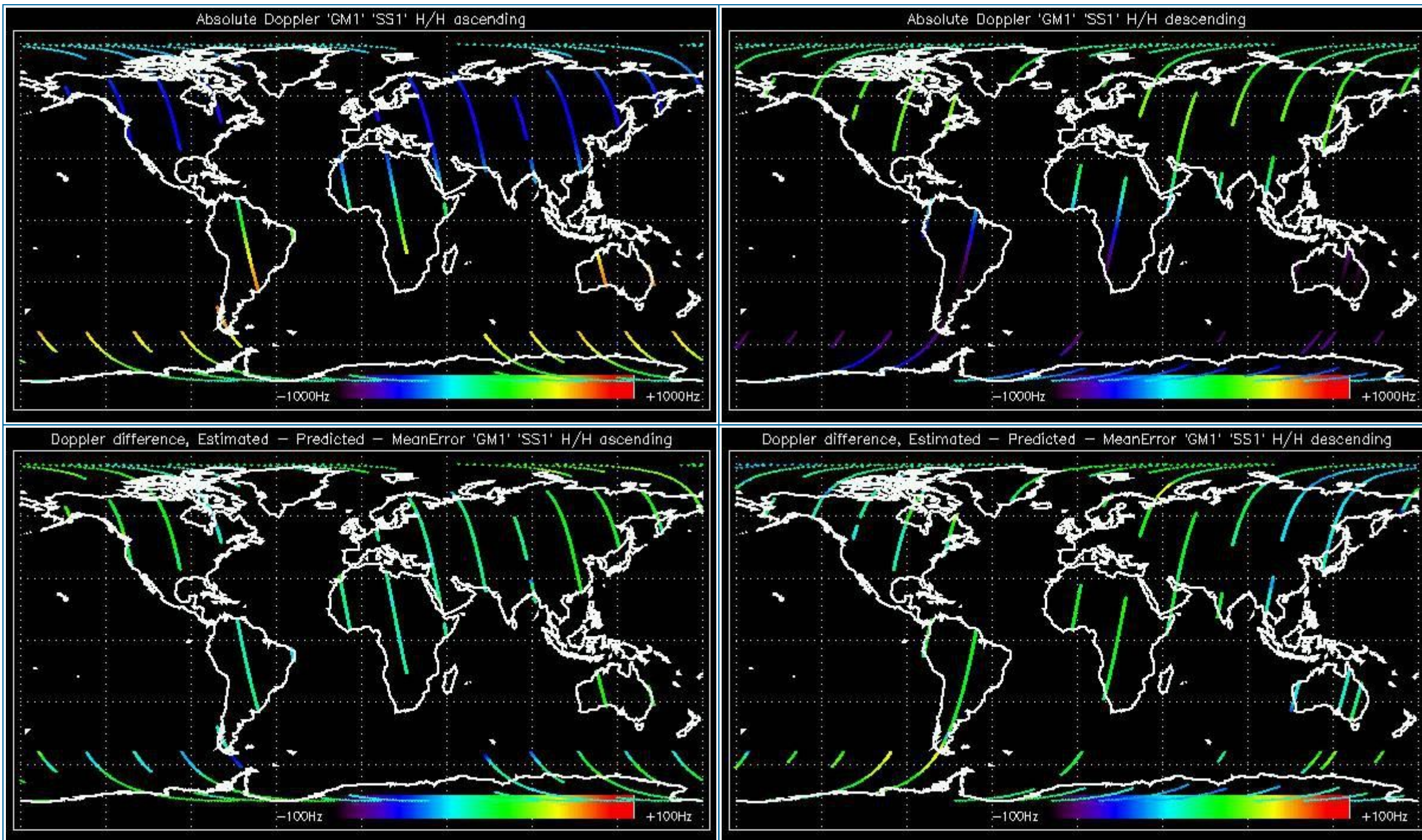


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

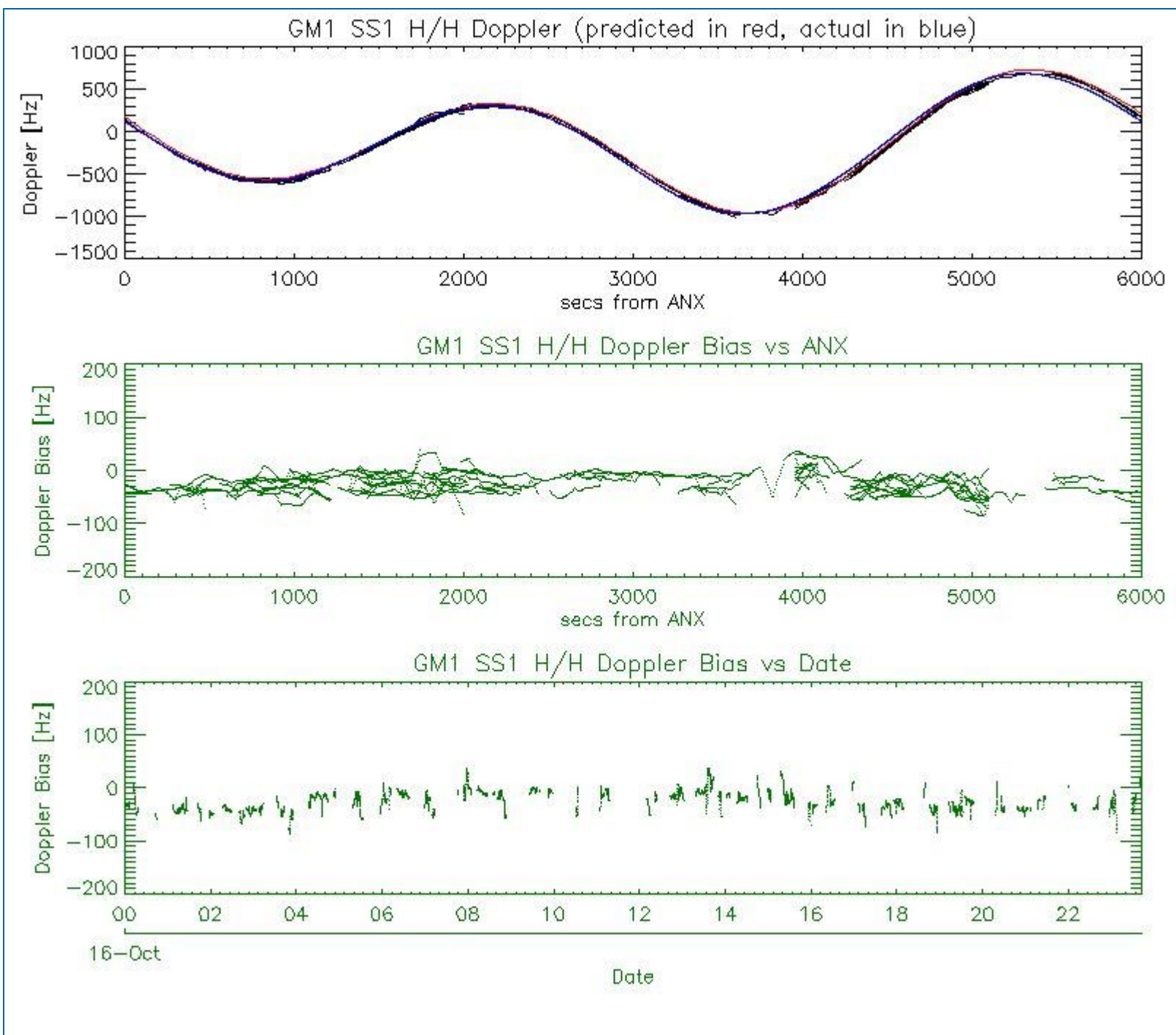




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

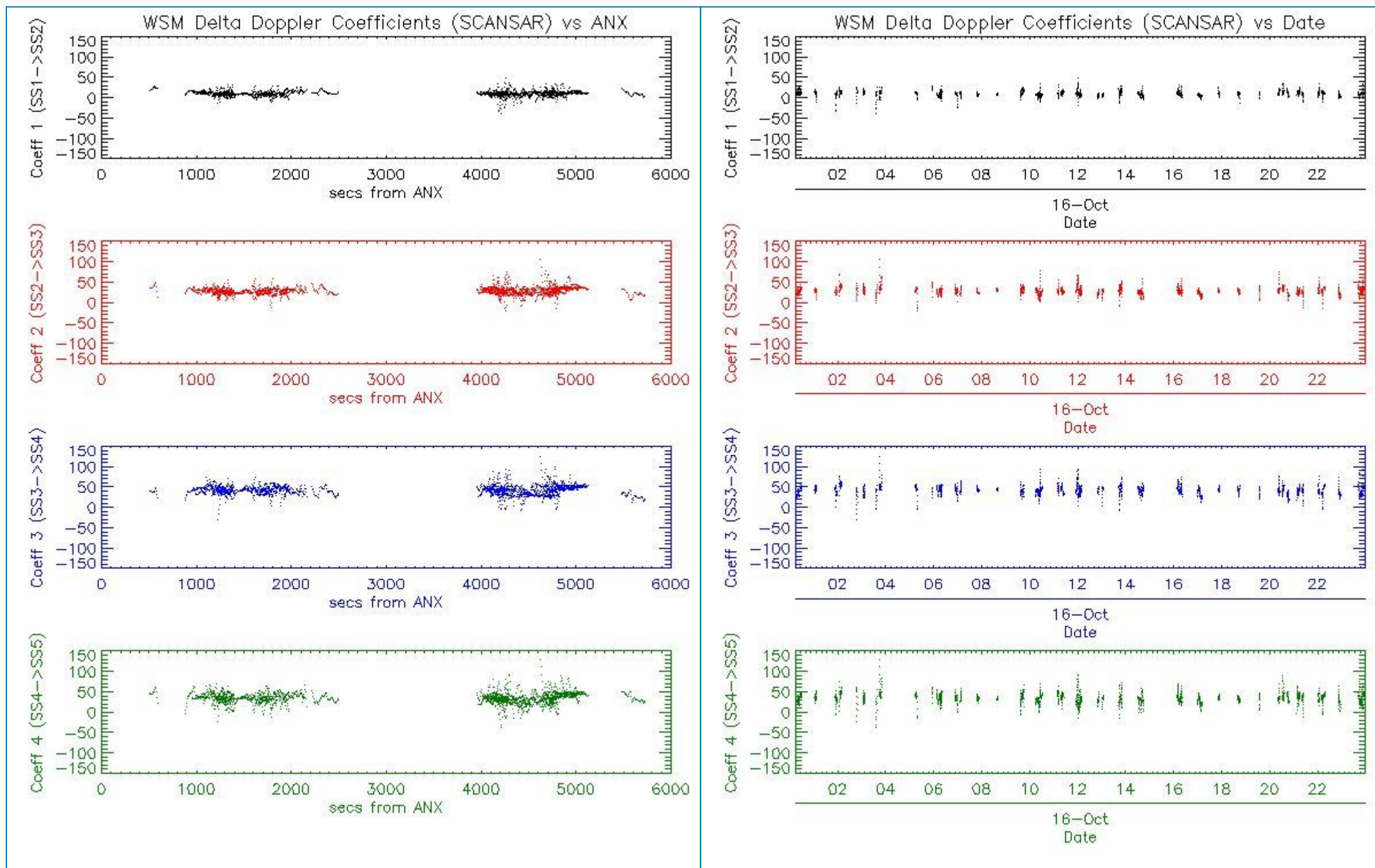




5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]

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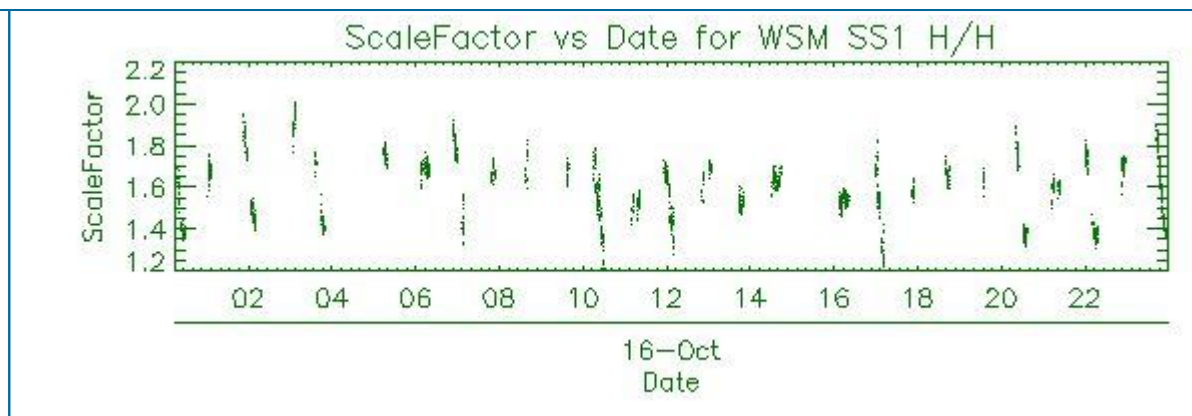
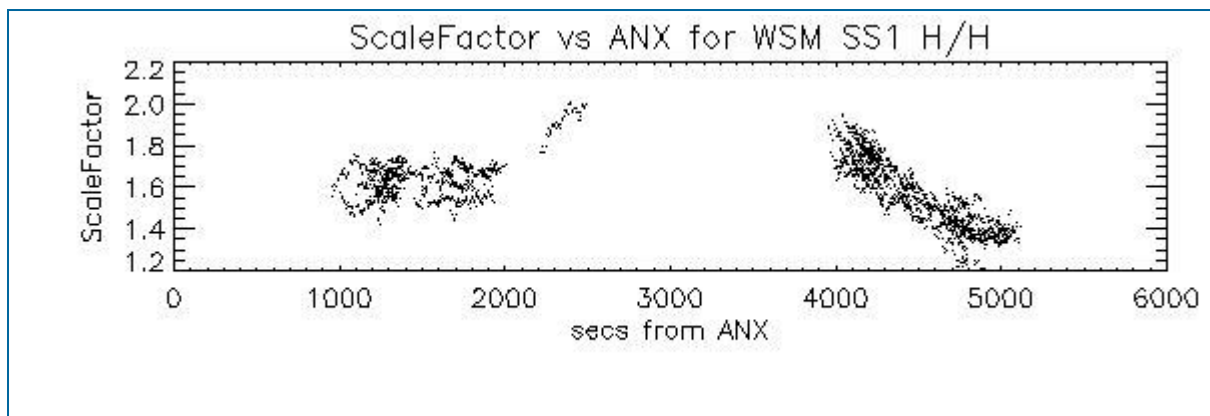
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

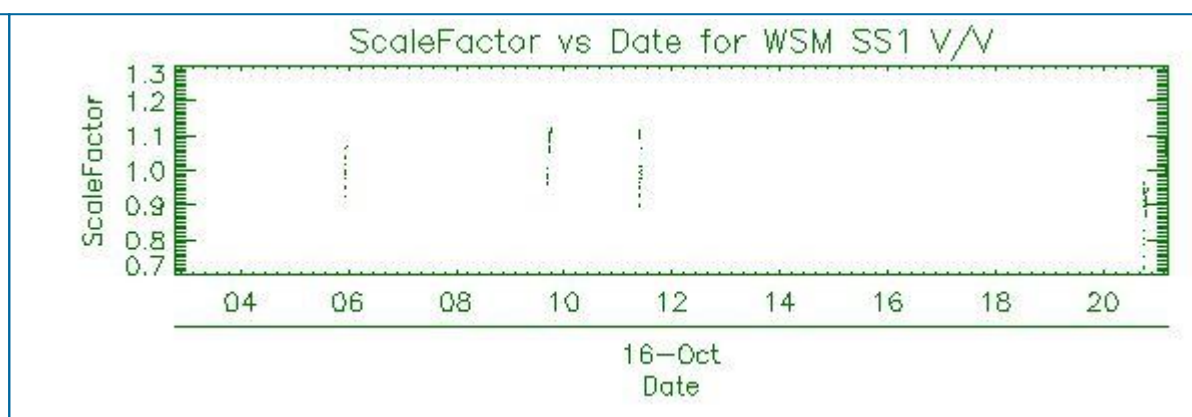
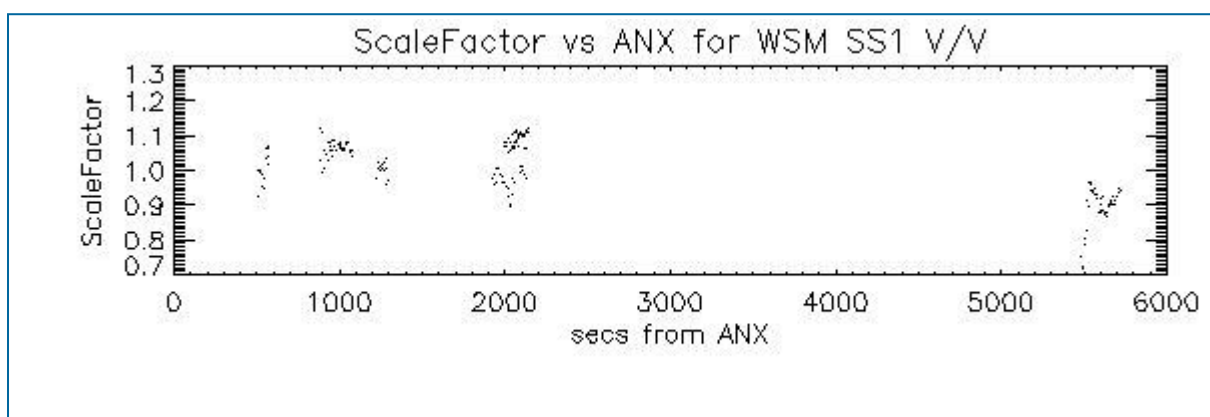




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

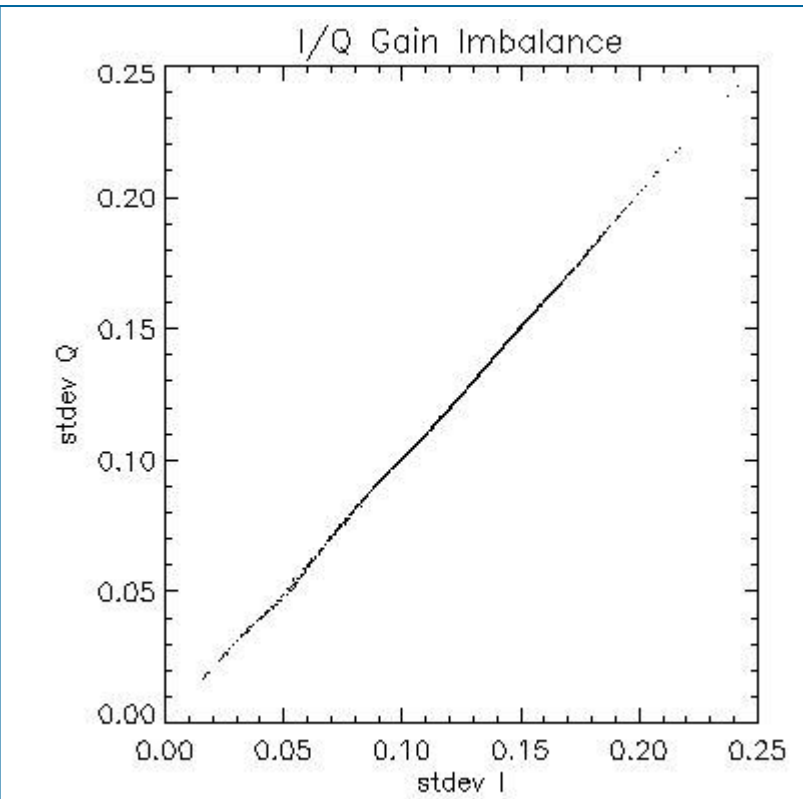
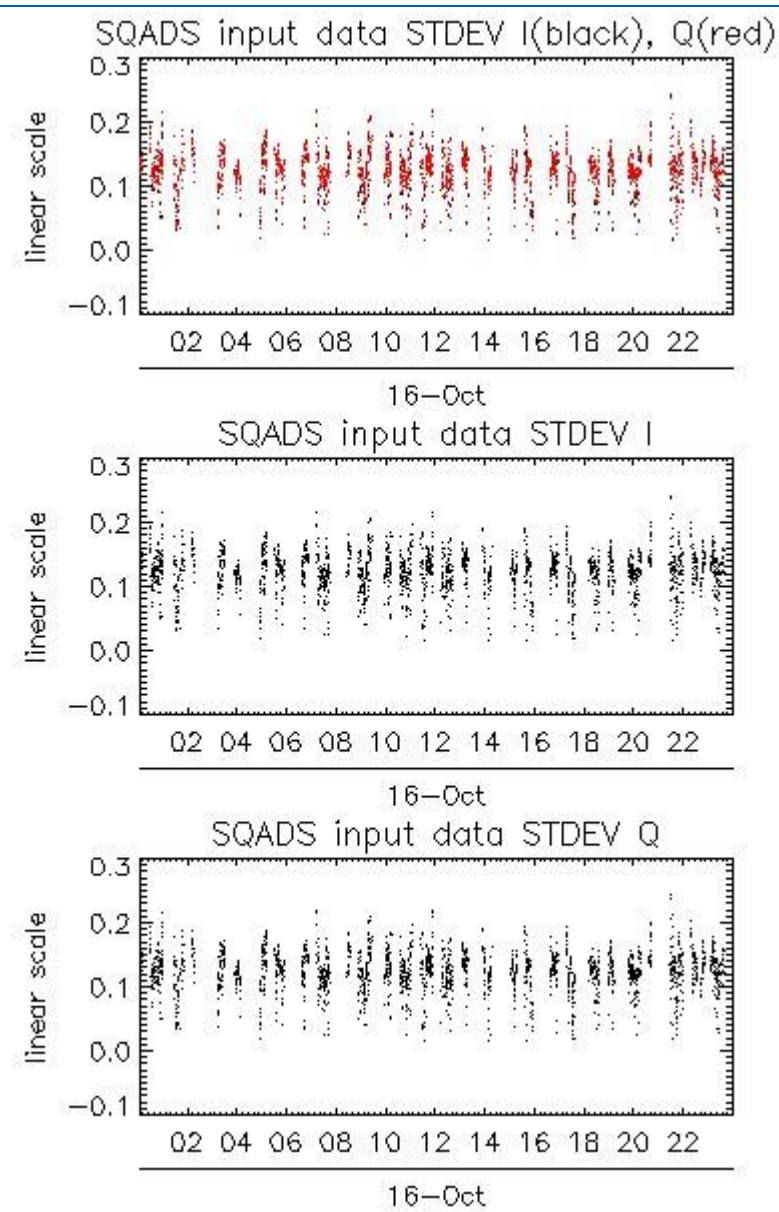
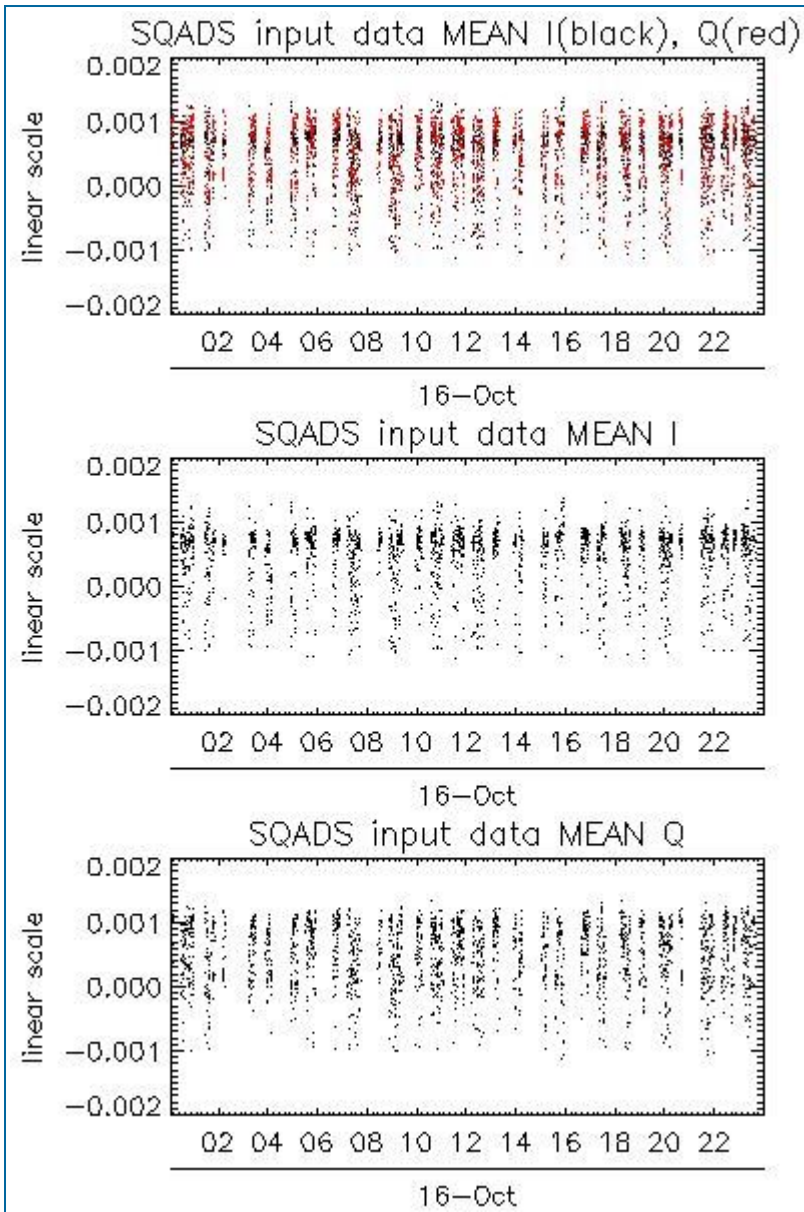


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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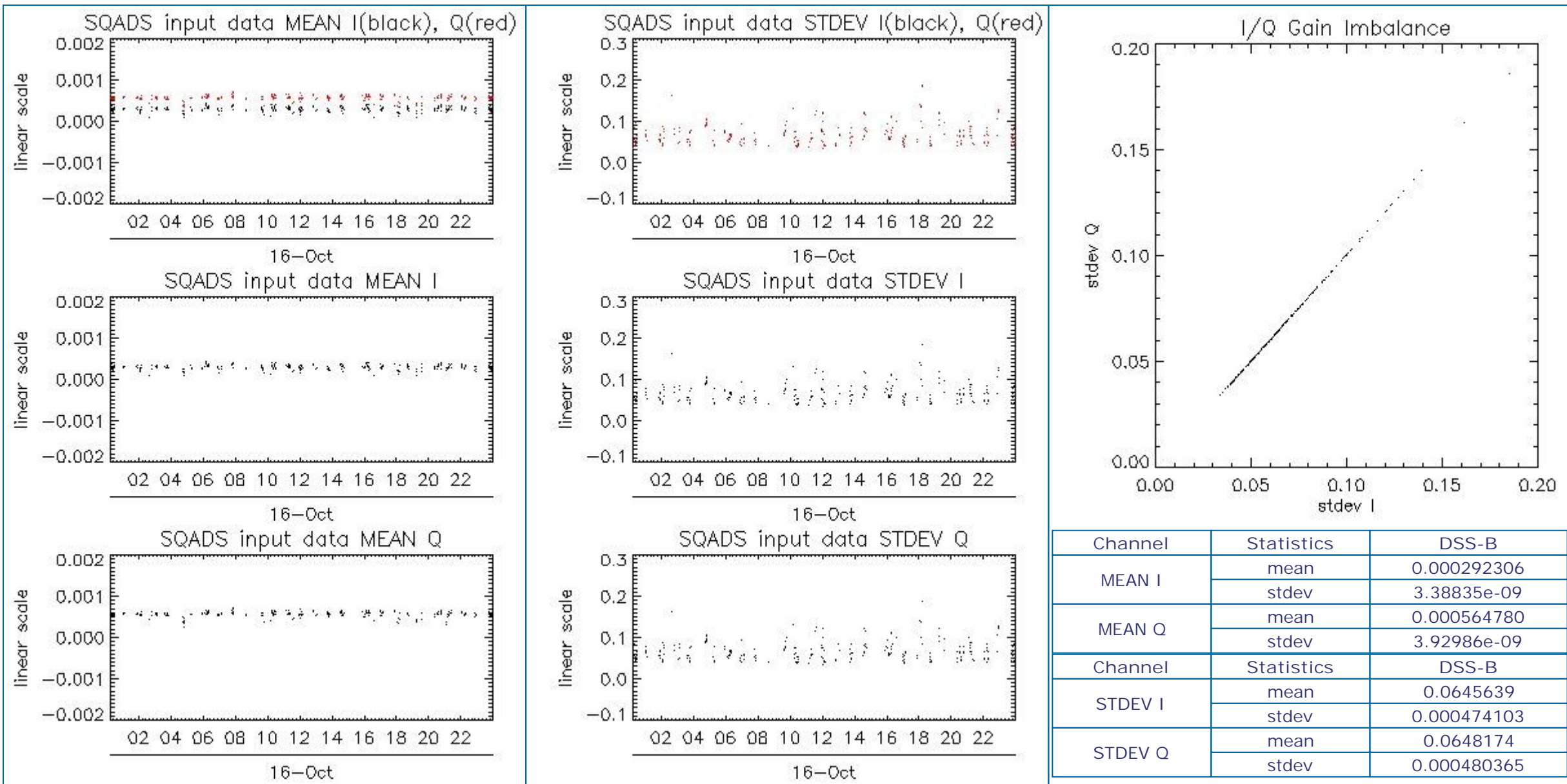


Channel	Statistics	DSS-B
MEAN I	mean	0.000469098
	stdev	2.35704e-07
MEAN Q	mean	0.000499117
	stdev	2.52226e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.123889
	stdev	0.00101979
STDEV Q	mean	0.124152
	stdev	0.00102937

7.2 - Analysis for IMM

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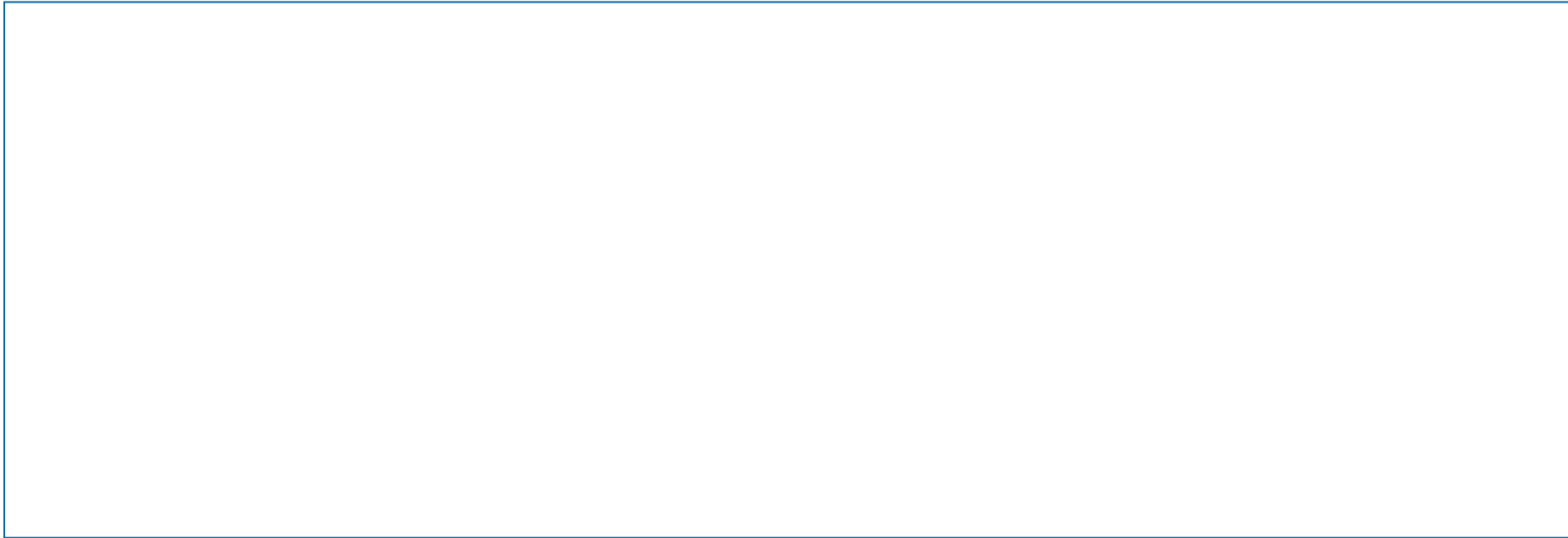


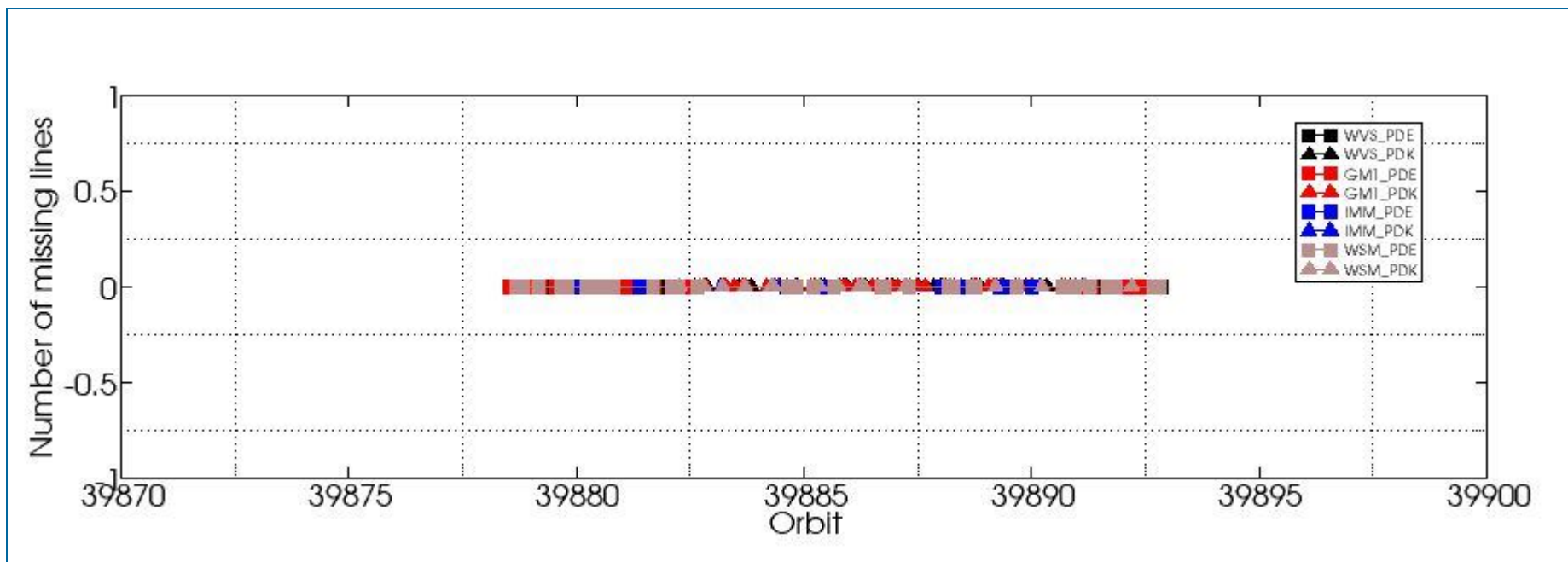
Channel	Statistics	DSS-B
MEAN I	mean	0.000292306
	stdev	3.38835e-09
MEAN Q	mean	0.000564780
	stdev	3.92986e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0645639
	stdev	0.000474103
STDEV Q	mean	0.0648174
	stdev	0.000480365

8 - TELEMETRY ANALYSIS

8.1 - Number of Missing lines

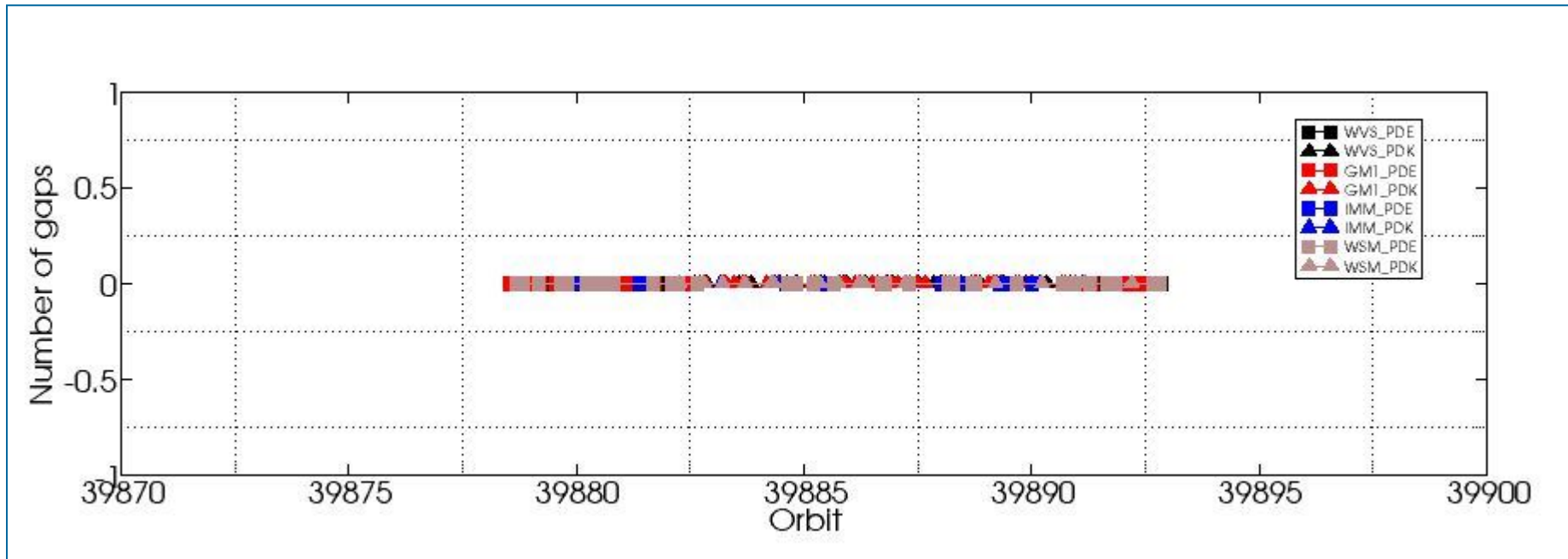
[BACK TO MENU]





8.2 - Number of Gaps

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



ASAR DAILY REPORT for 091016
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/

DATA SUMMARY

Summary will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/091016/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/091016/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/AUXILIARY

Creating directory ./RESULTS/DAILY/091016/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20091016*current_3_IECF_ADFs.txt
No IECF ADFs list available for the selected period...

Writing file ./RESULTS/DAILY/091016/AUXILIARY/ASAR_ADFs_IECF_List3.html...

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/091016/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/091016/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDE20091015_040544_000000162083_00233_39866_0460.N1

H
H
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/TGH_20091015_040544-20050922_062651.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/TPH_20091015_040544-20050922_062651.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/RGH_20091015_040544-20050922_062651.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/RPH_20091015_040544-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDE20091016_033407_000000162083_00247_39880_0461.N1

V
V
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/TGV_20091016_033407-20050923_055514.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/TPV_20091016_033407-20050923_055514.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/RGV_20091016_033407-20050923_055514.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/SECOND_REFERENCE/RPV_20091016_033407-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDE20091013_050858_000000162083_00205_39838_0458.N1
Test product: ASA_MS__0PNPDE20091015_040544_000000162083_00233_39866_0460.N1

H
H
../../RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20091015_040544-20091013_050858.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20091015_040544-20091013_050858.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20091015_040544-20091013_050858.png
../../RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20091015_040544-20091013_050858.png

Polarization: V
Reference product: ASA_MS__0PNPDE20091014_043721_000000162083_00219_39852_0459.N1
Test product: ASA_MS__0PNPDE20091016_033407_000000162083_00247_39880_0461.N1

V
V
.././RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20091016_033407-20091014_043721.png
.././RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20091016_033407-20091014_043721.png
.././RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20091016_033407-20091014_043721.png
.././RESULTS/DAILY/091016/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20091016_033407-20091014_043721.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/091016/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59

Analysing products WVS IS2 V/V
Writing image .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-16_1.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-16_2.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-16_3.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-16_4.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing .././RESULTS/DAILY/091016//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 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-16_1.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-16_2.dat...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing .././RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-16_3.dat...
Writing ../../RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-16 00:00:00 to 2009-10-16 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/091016/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-16_4.dat...
Writing ../../RESULTS/DAILY/091016//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/091016//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/091016/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DOPPLER/Doppler_data_WVS_IS2_VV_2009-10-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091016/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DOPPLER/Doppler_data_GM1_SS1_HH_2009-10-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091016/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-10-16 00:00:00 to 2009-10-16 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/DOPPLER/Doppler_Jumps_data_WSM_2009-10-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091016/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/091016/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 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 = -35.384901 Hz
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.696093 Hz
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/091016//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 = -18.804923 Hz
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -31.106224 Hz
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/091016//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/091016/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-10-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091016/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/091016/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-10-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091016/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/091016/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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


RAW DATA ANALYSIS

Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/RAW_DATA

Creating directory ./RESULTS/DAILY/091016/RAW_DATA...

Getting raw data for WVS from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/RAW_DATA/Raw_data_WVS_2009-10-16.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-10-16 00:00:00 to 2009-10-16 23:59:59...
Writing file ./RESULTS/DAILY/091016/RAW_DATA/Raw_data_IMM_2009-10-16.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/091016/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

Analysis will be performed from 2009-10-16 00:00:00 to 2009-10-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091016/TELEMETRY

Creating directory ./RESULTS/DAILY/091016/TELEMETRY...

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

Checking 21 products from PDE...
Checking 23 products from PDK...

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

Checking 30 products from PDE...
Checking 49 products from PDK...

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

No products from PDE...
No products from PDK...

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

Checking 14 products from PDE...
Checking 4 products from PDK...

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

Checking 66 products from PDE...
Checking 20 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/091016/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/091016/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS

Analysis will be performed on 2009-10-16

Scanning directory /nfs-store/ASAR_Data//ASA_GM_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_GM_BP/JPG/20091016/

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

Scanning directory /nfs-store/ASAR_Data//ASA_AP_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_AP_BP/JPG/20091016/

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

Scanning directory /nfs-store/ASAR_Data//ASA_IM_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_IM_BP/JPG/20091016/

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

Scanning directory /nfs-store/ASAR_Data//ASA_WS_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_WS_BP/JPG/20091016/

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

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

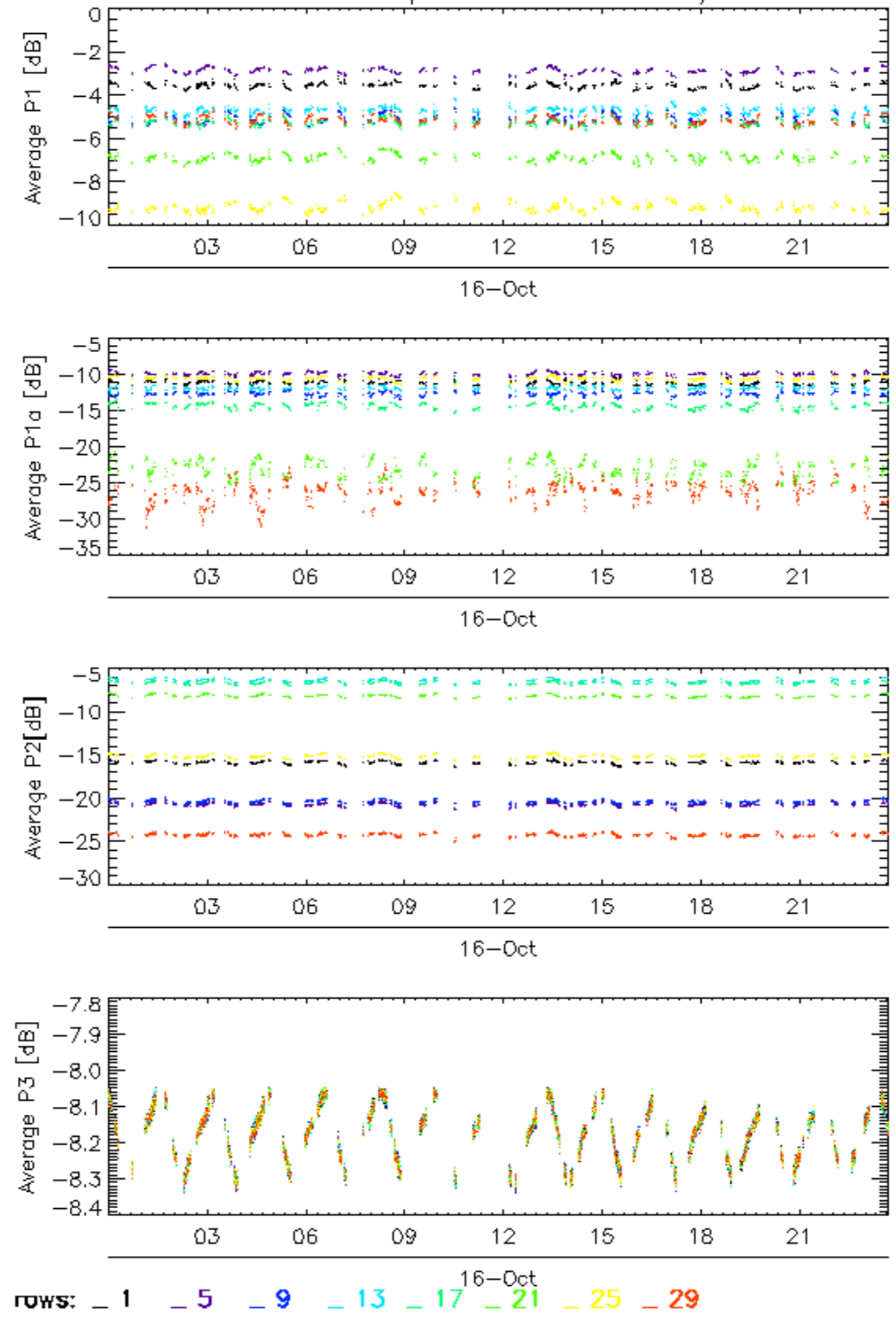
Building file ./RESULTS/DAILY/091016/asarReport.html...
Building DATA SUMMARY section...
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

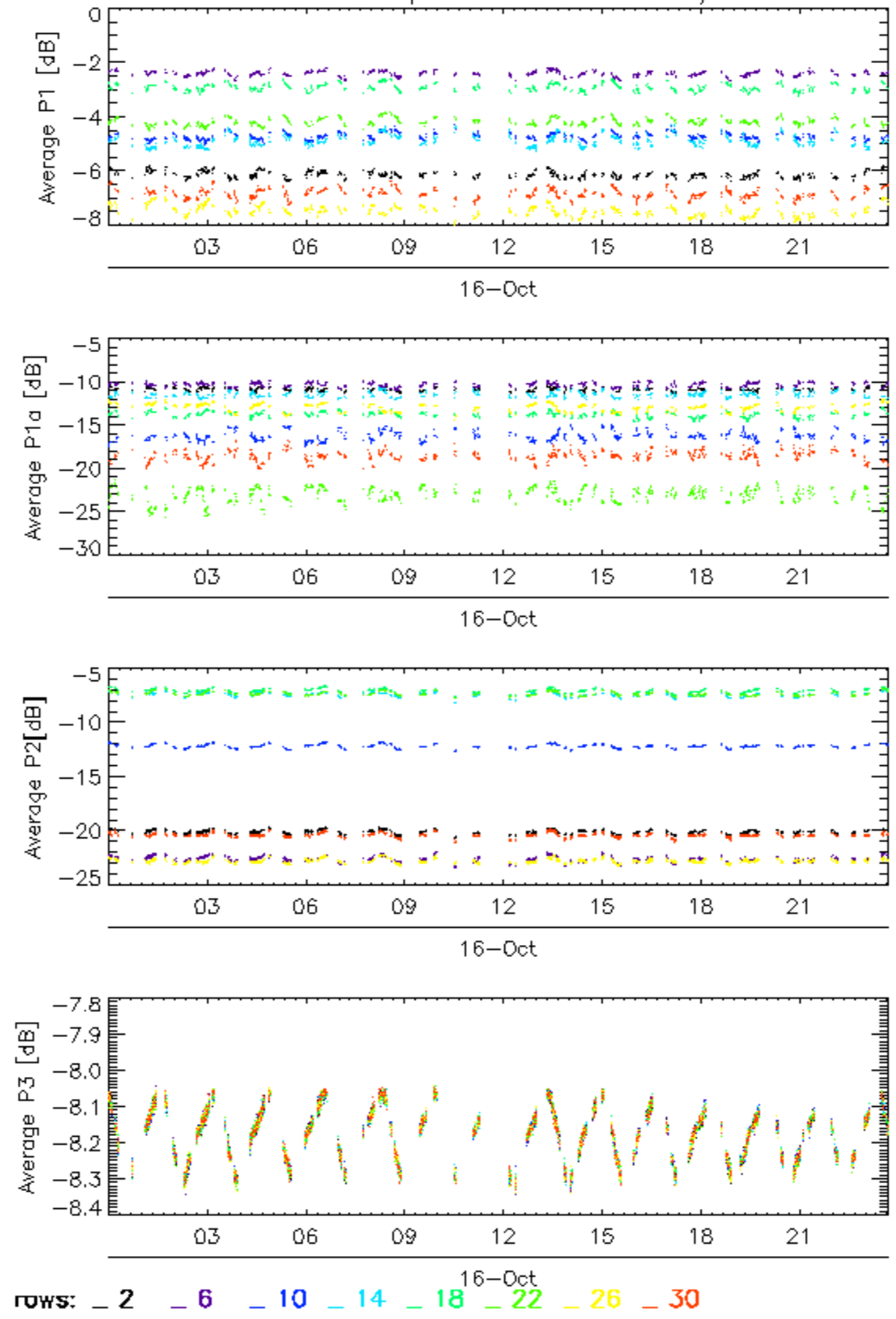
#####



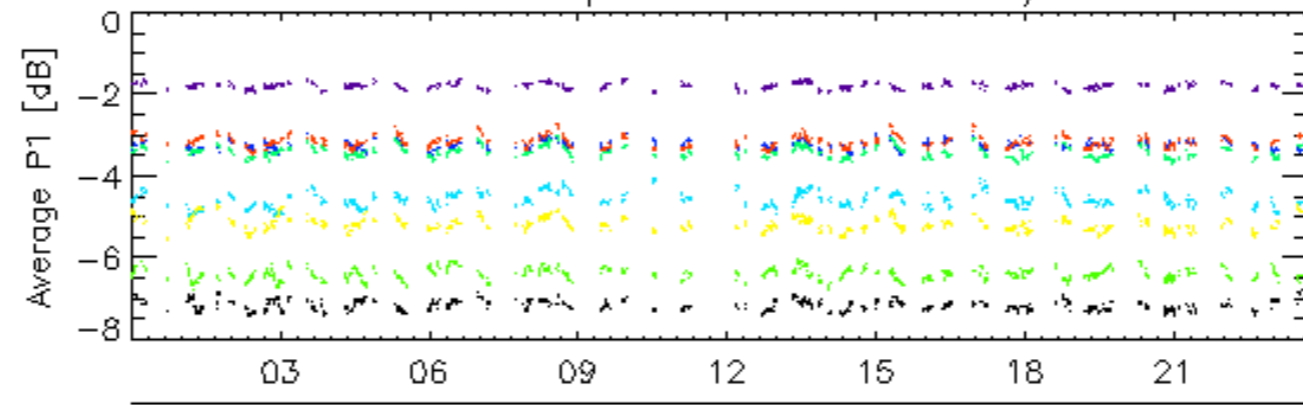
Calibration pulses for GM1 SS3 H/H



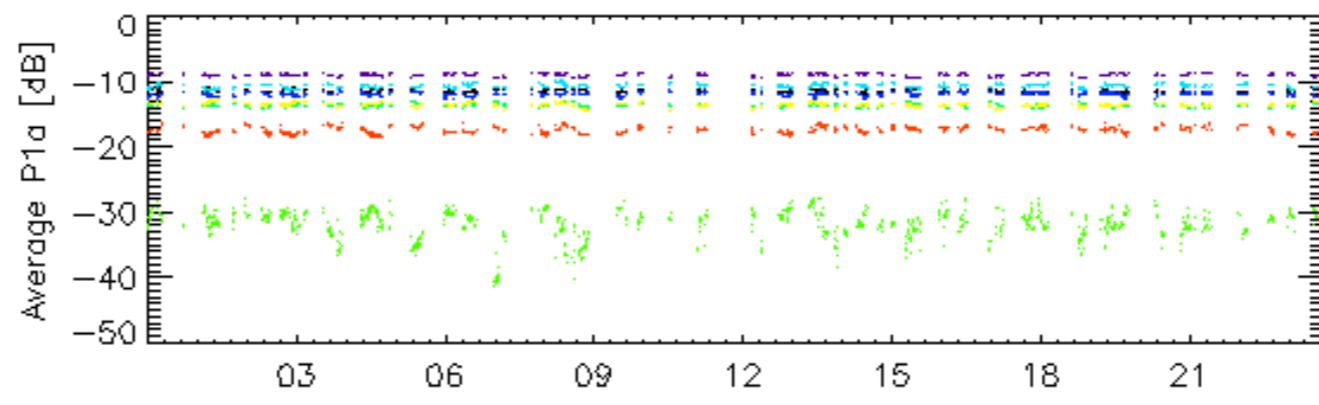
Calibration pulses for GM1 SS3 H/H



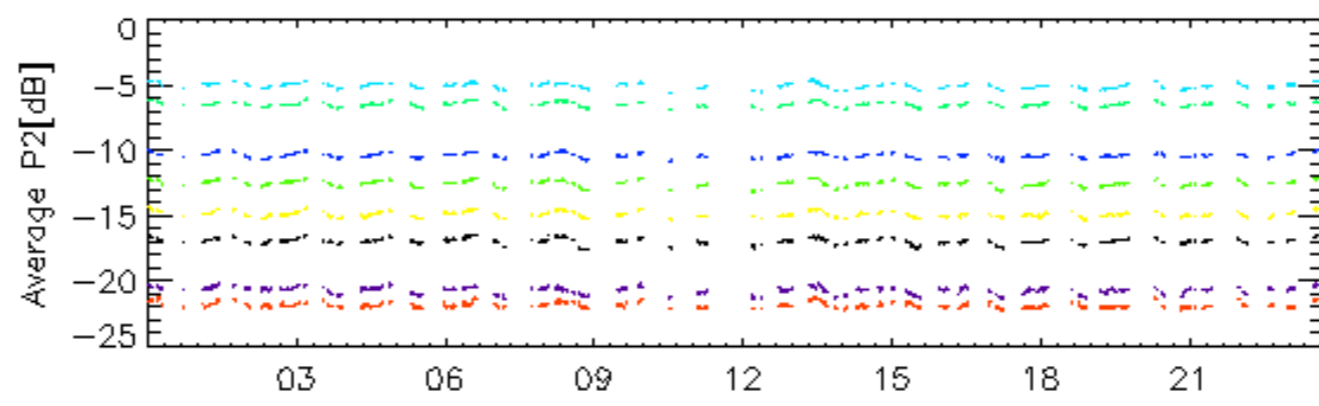
Calibration pulses for GM1 SS3 H/H



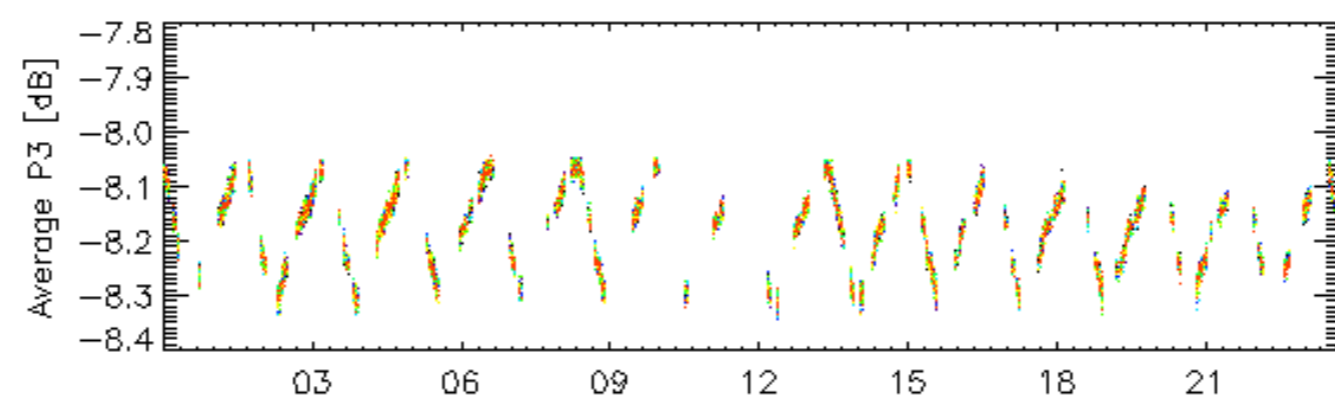
16-Oct



16-Oct



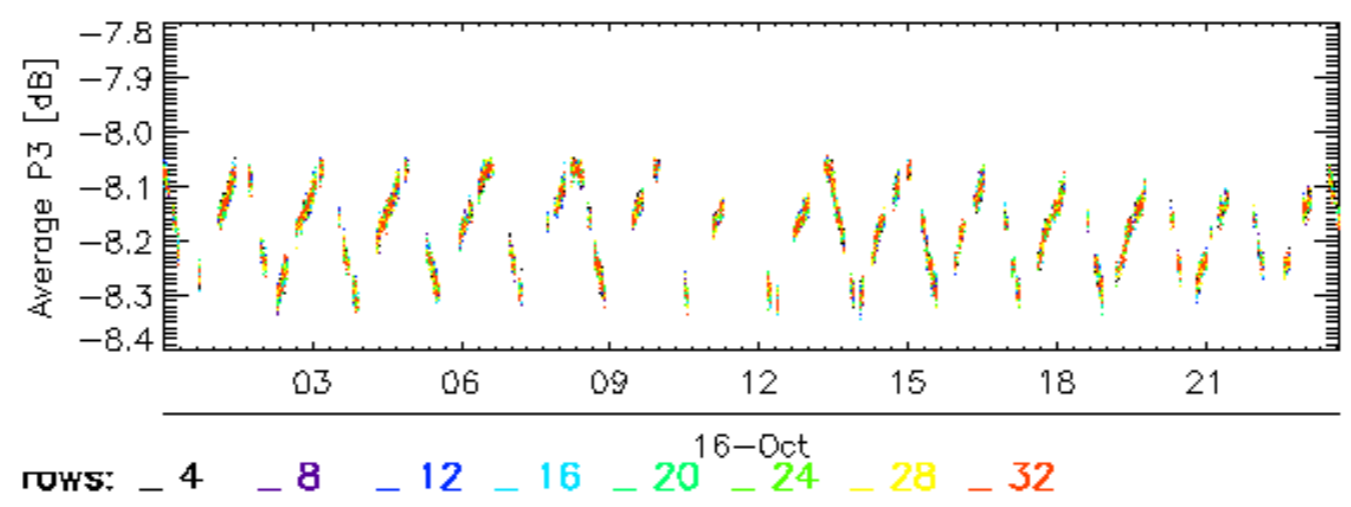
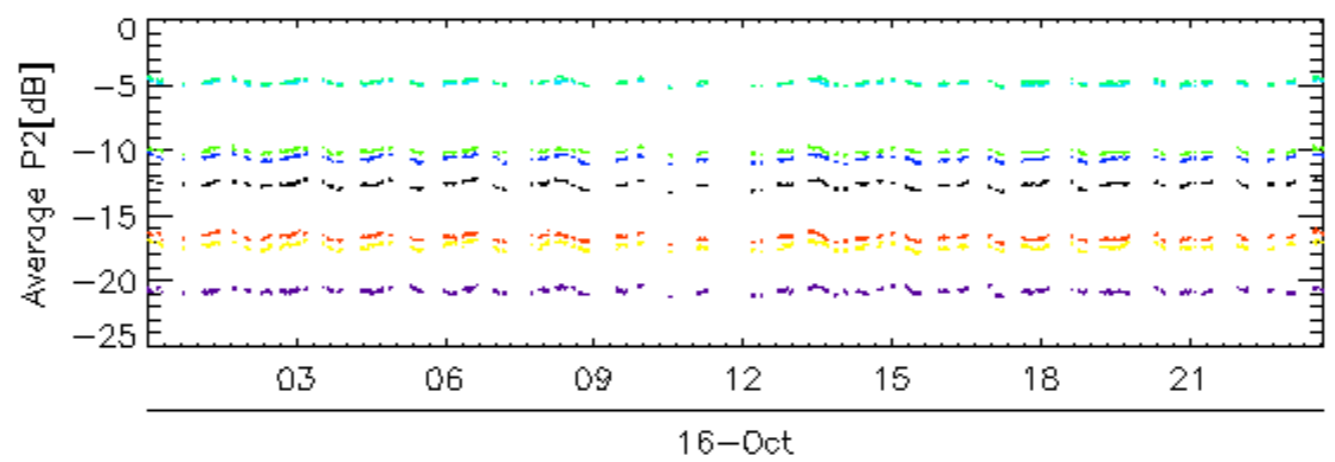
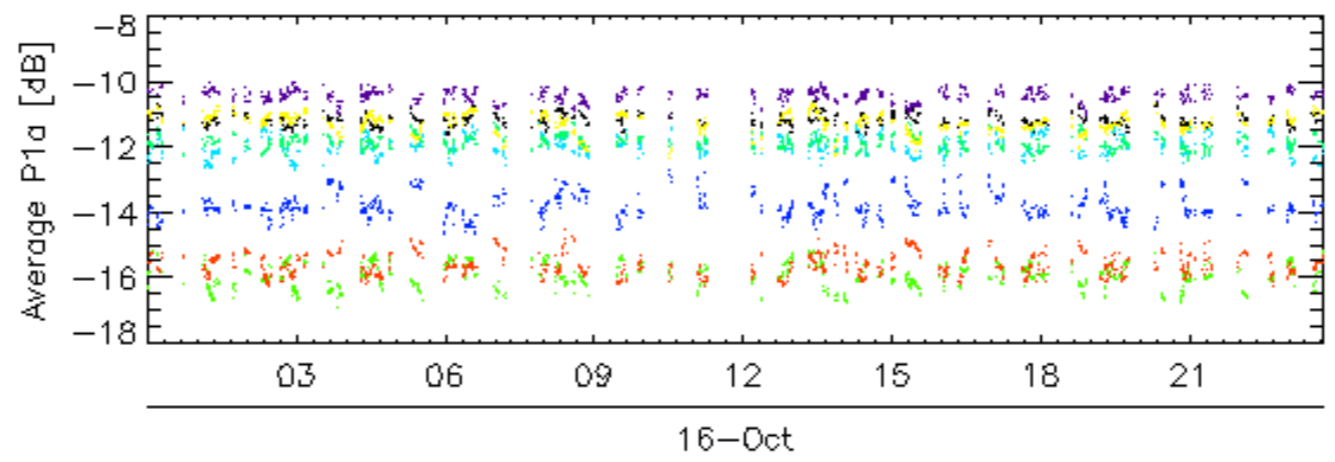
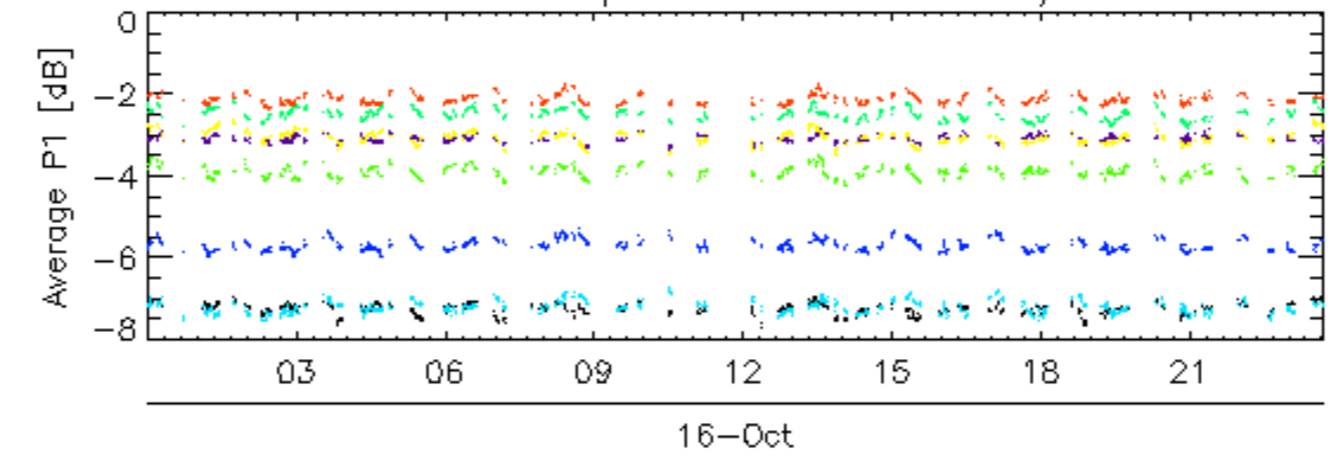
16-Oct



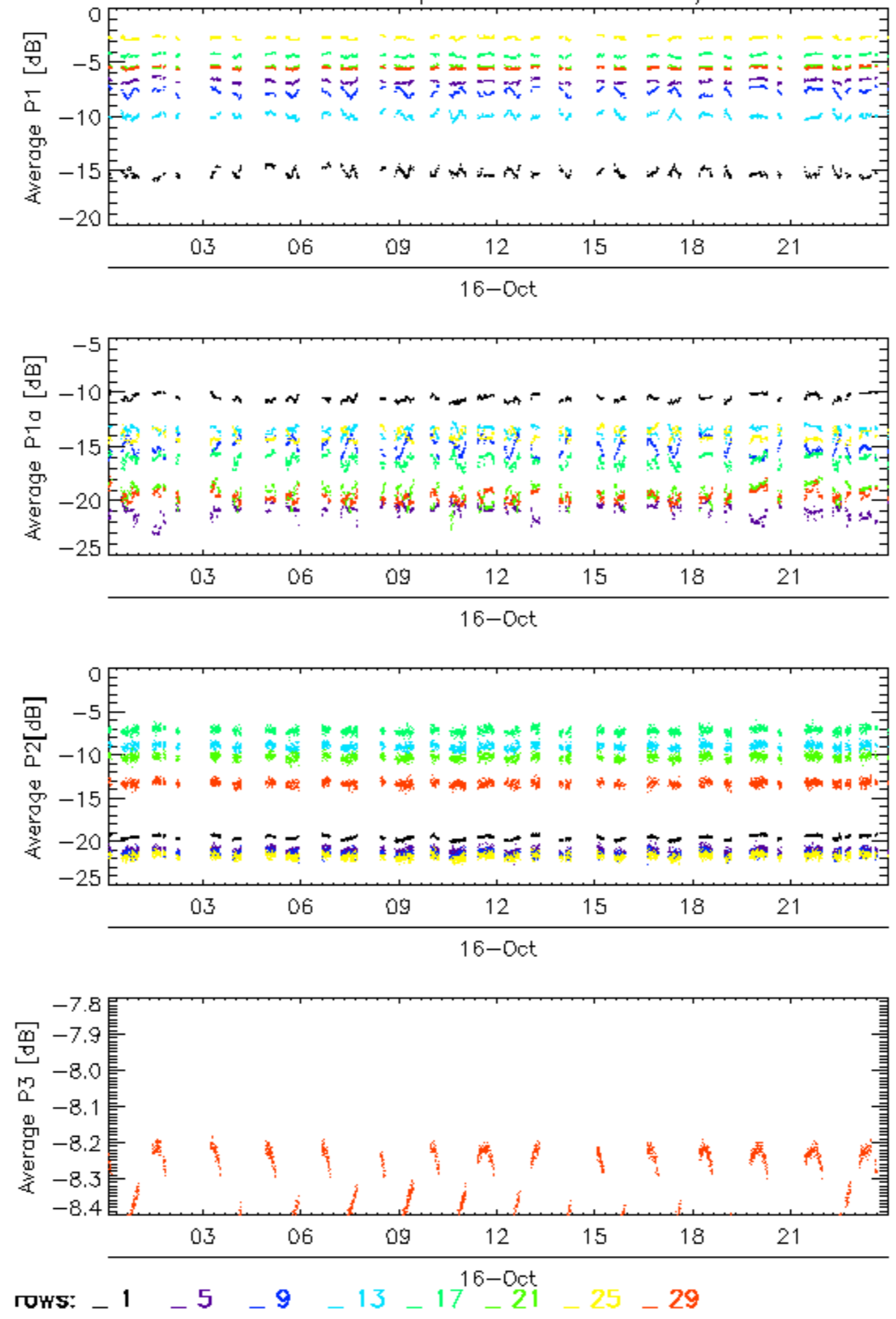
16-Oct

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

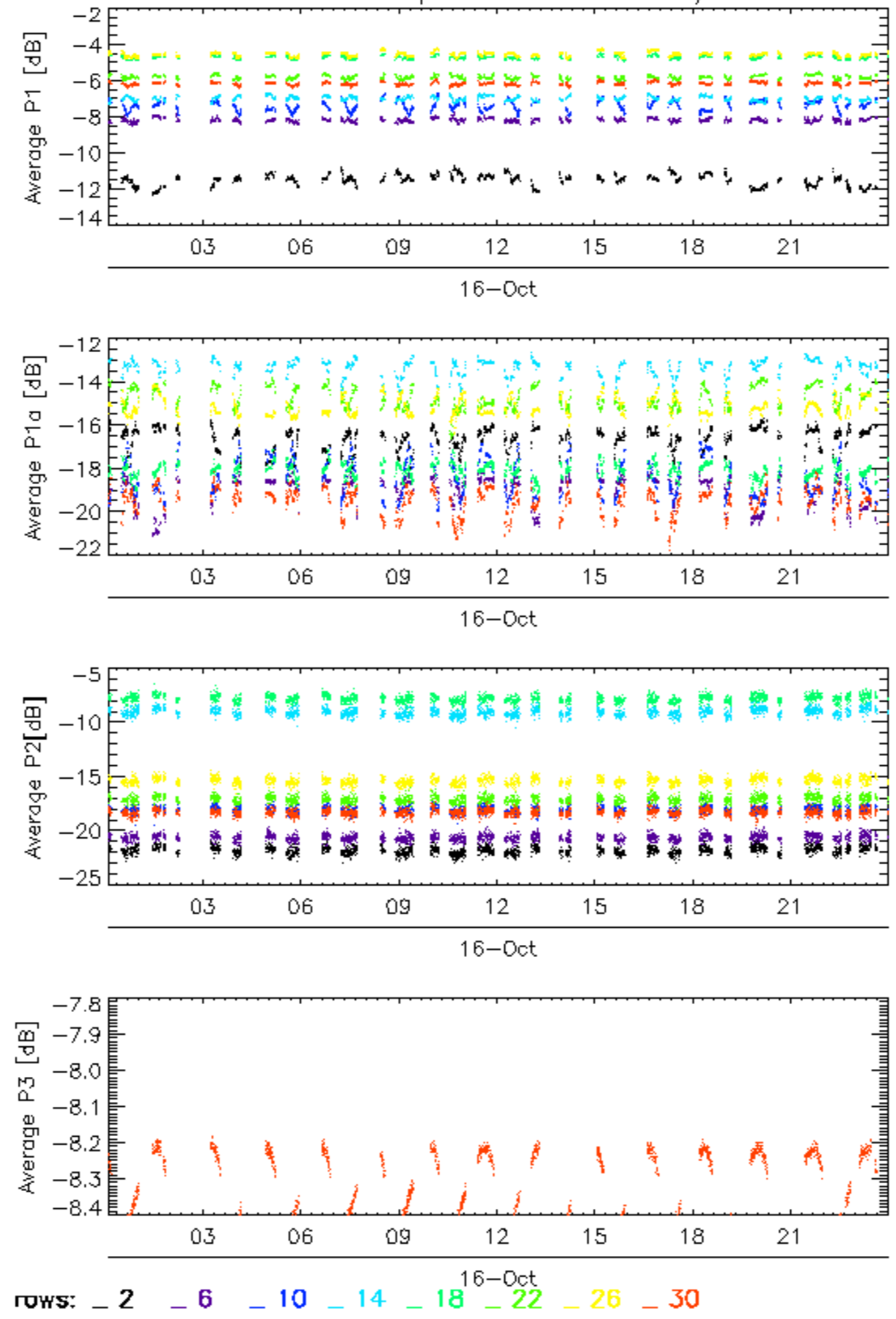
Calibration pulses for GM1 SS3 H/H



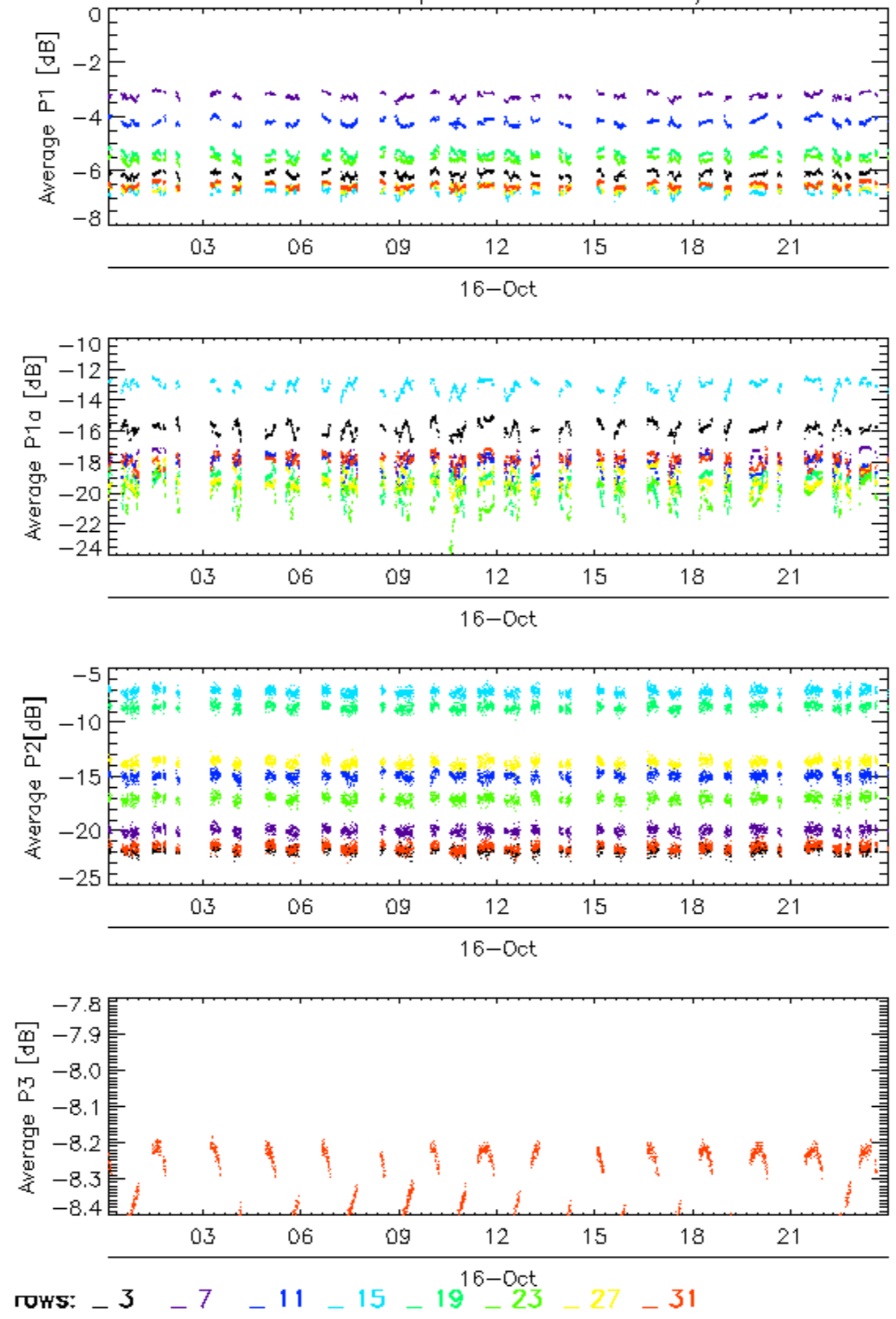
Calibration pulses for WVS IS2 V/V



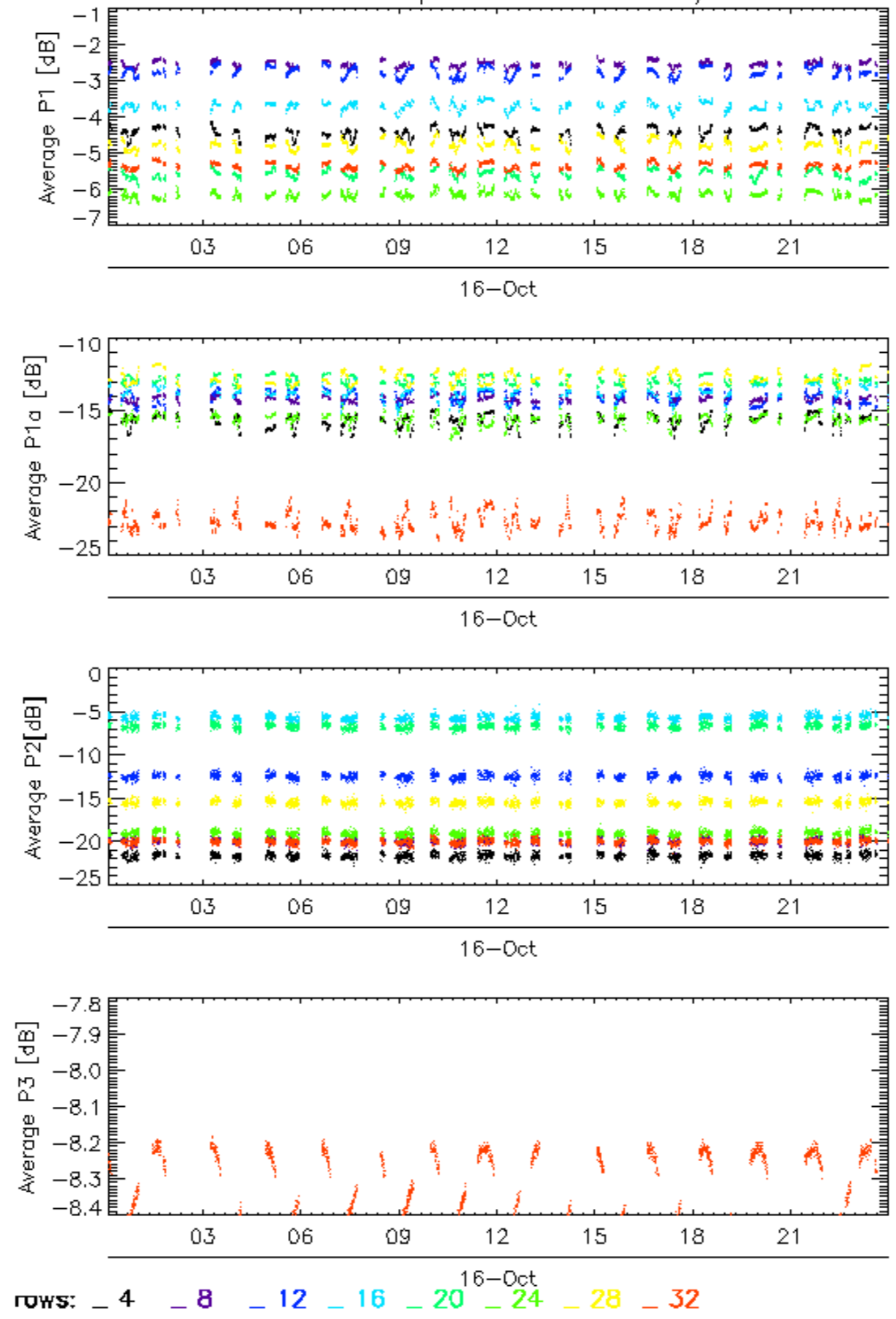
Calibration pulses for WVS IS2 V/V

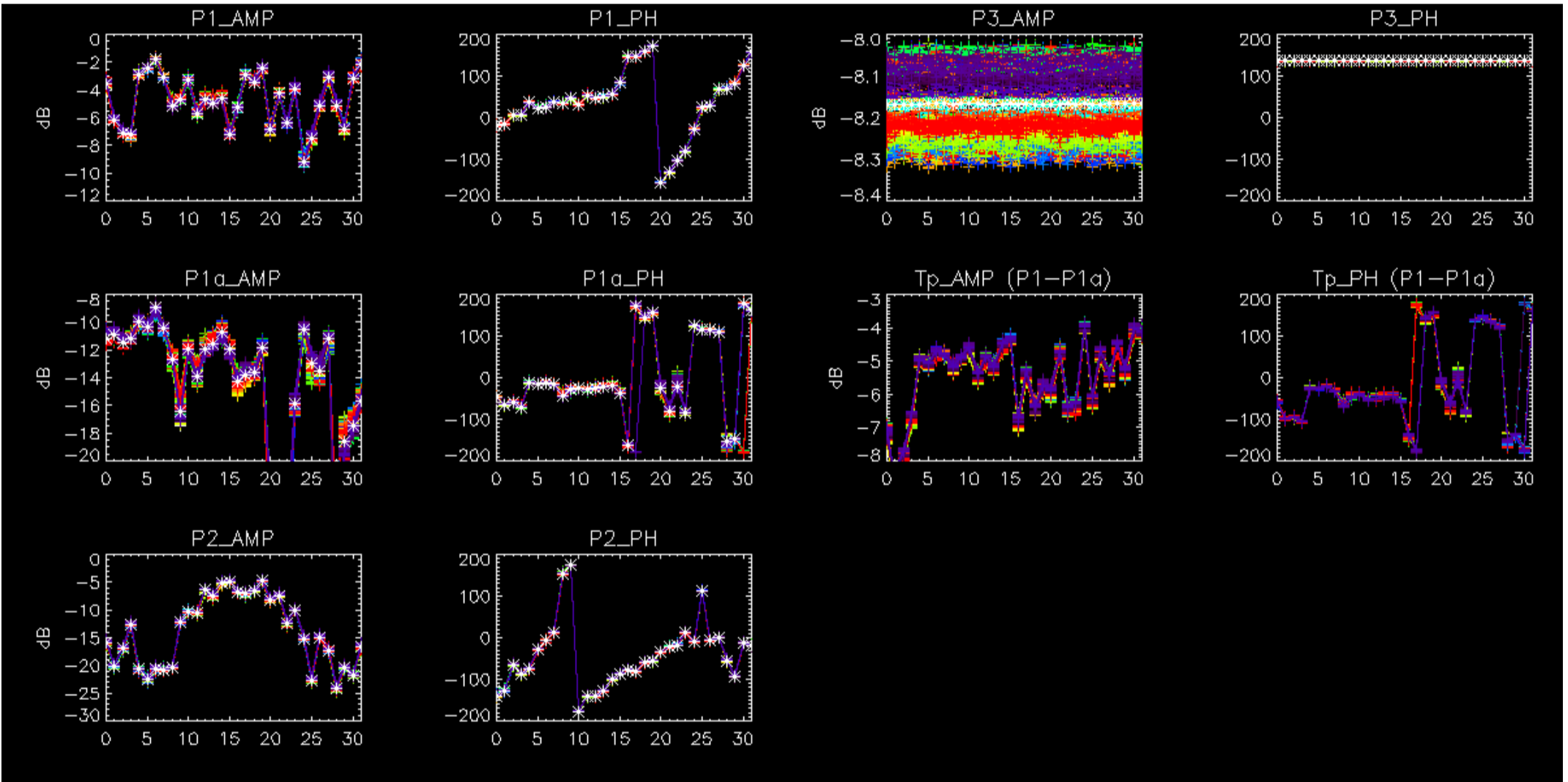


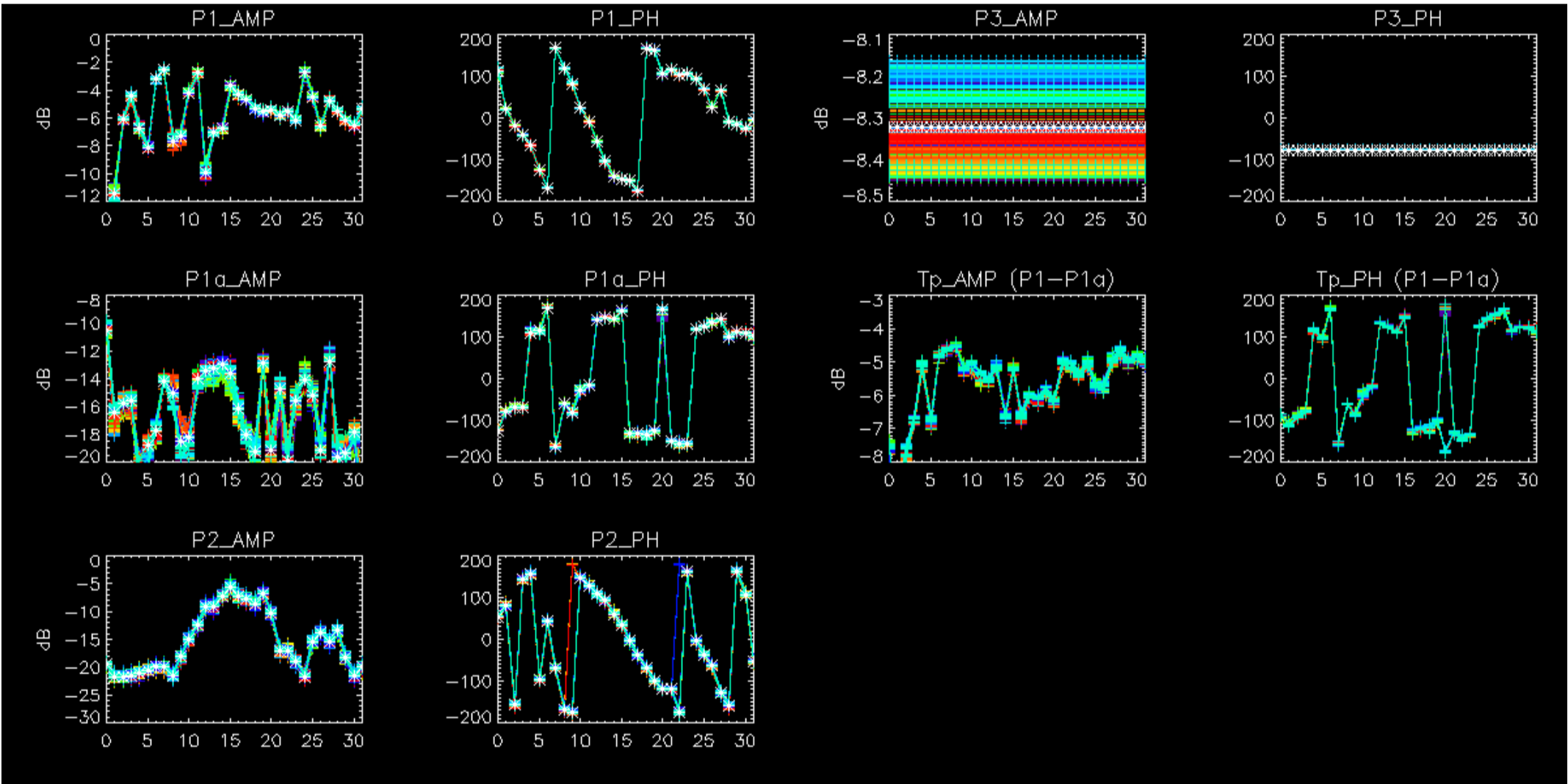
Calibration pulses for WVS IS2 V/V

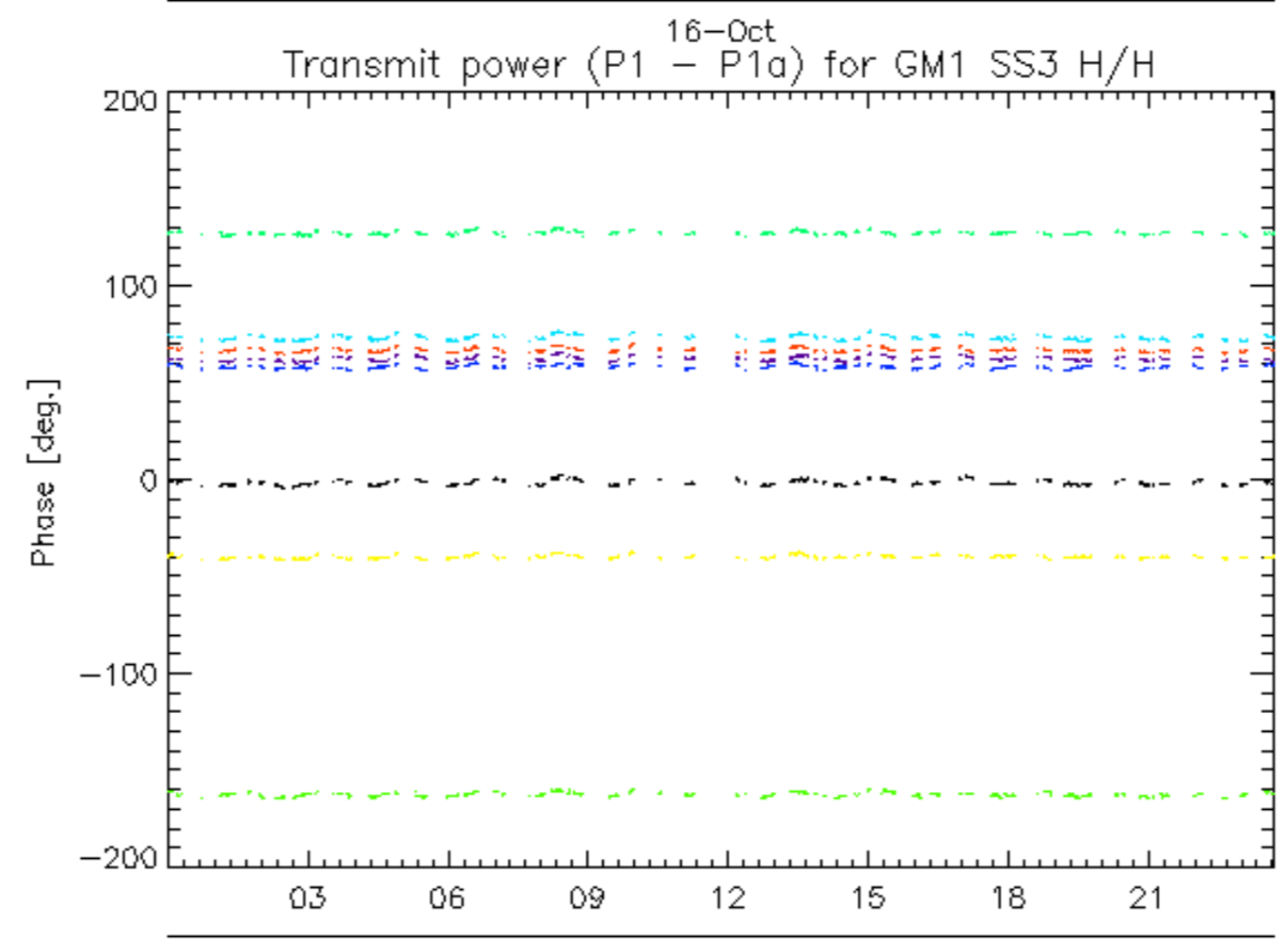
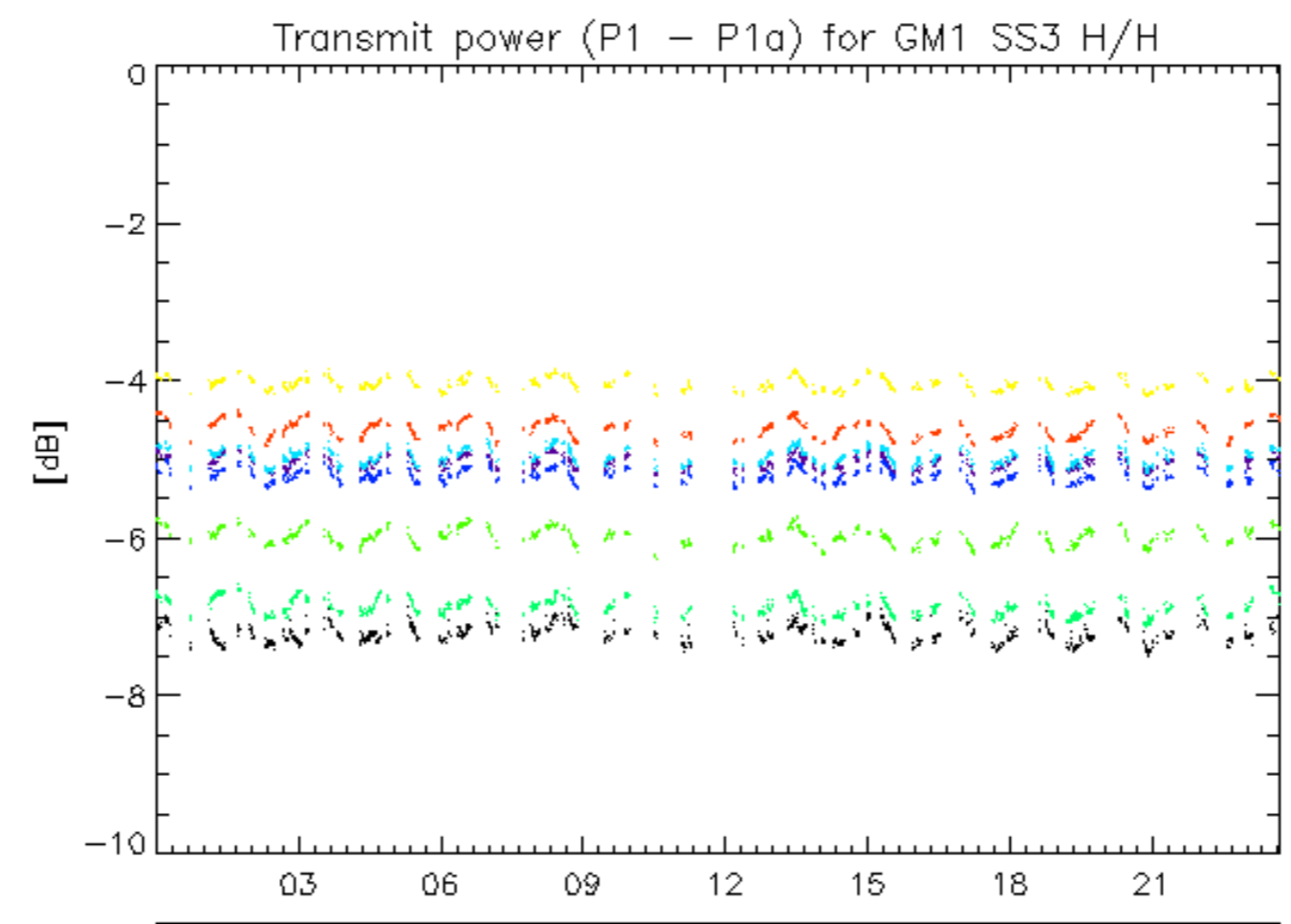


Calibration pulses for WVS IS2 V/V

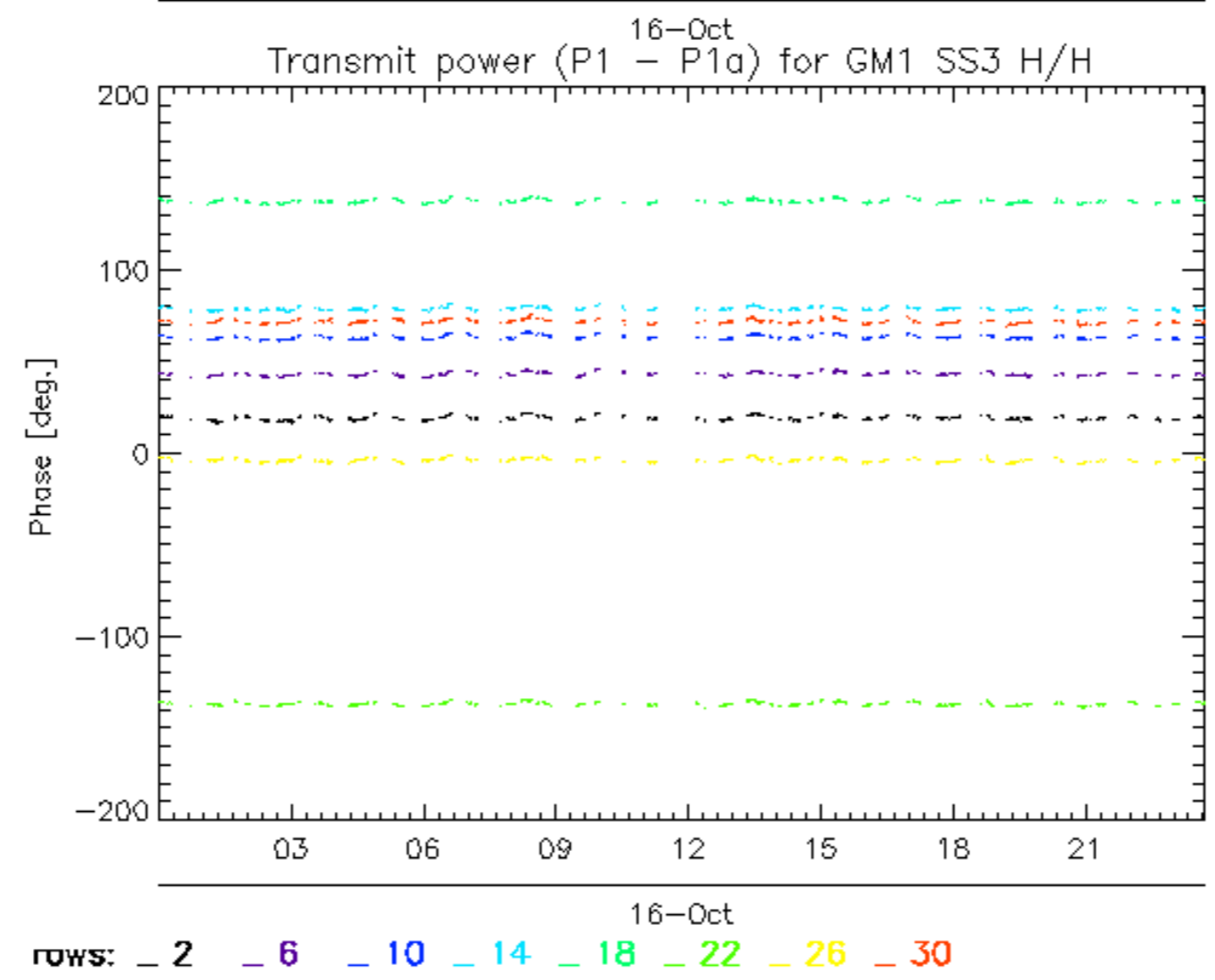
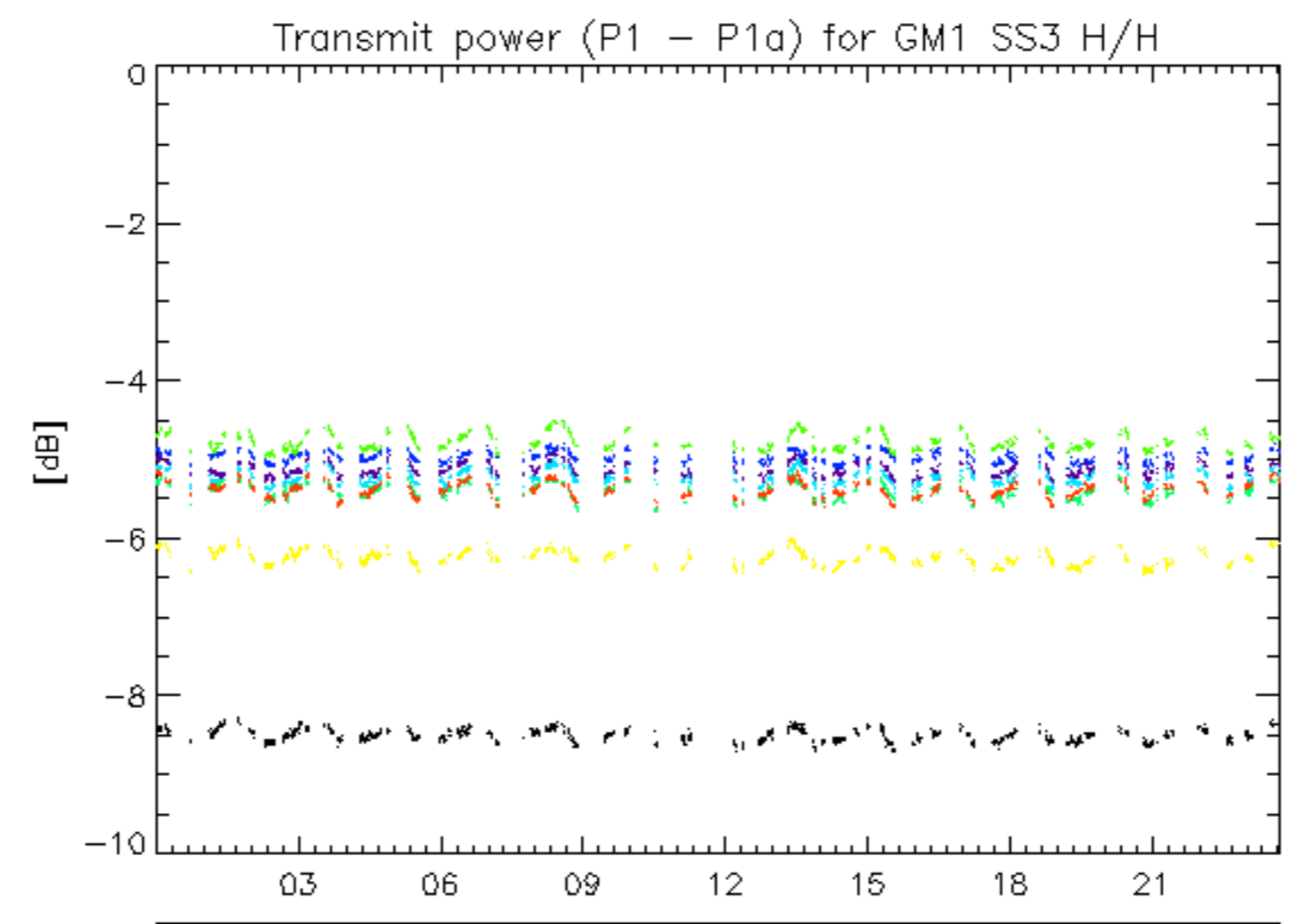


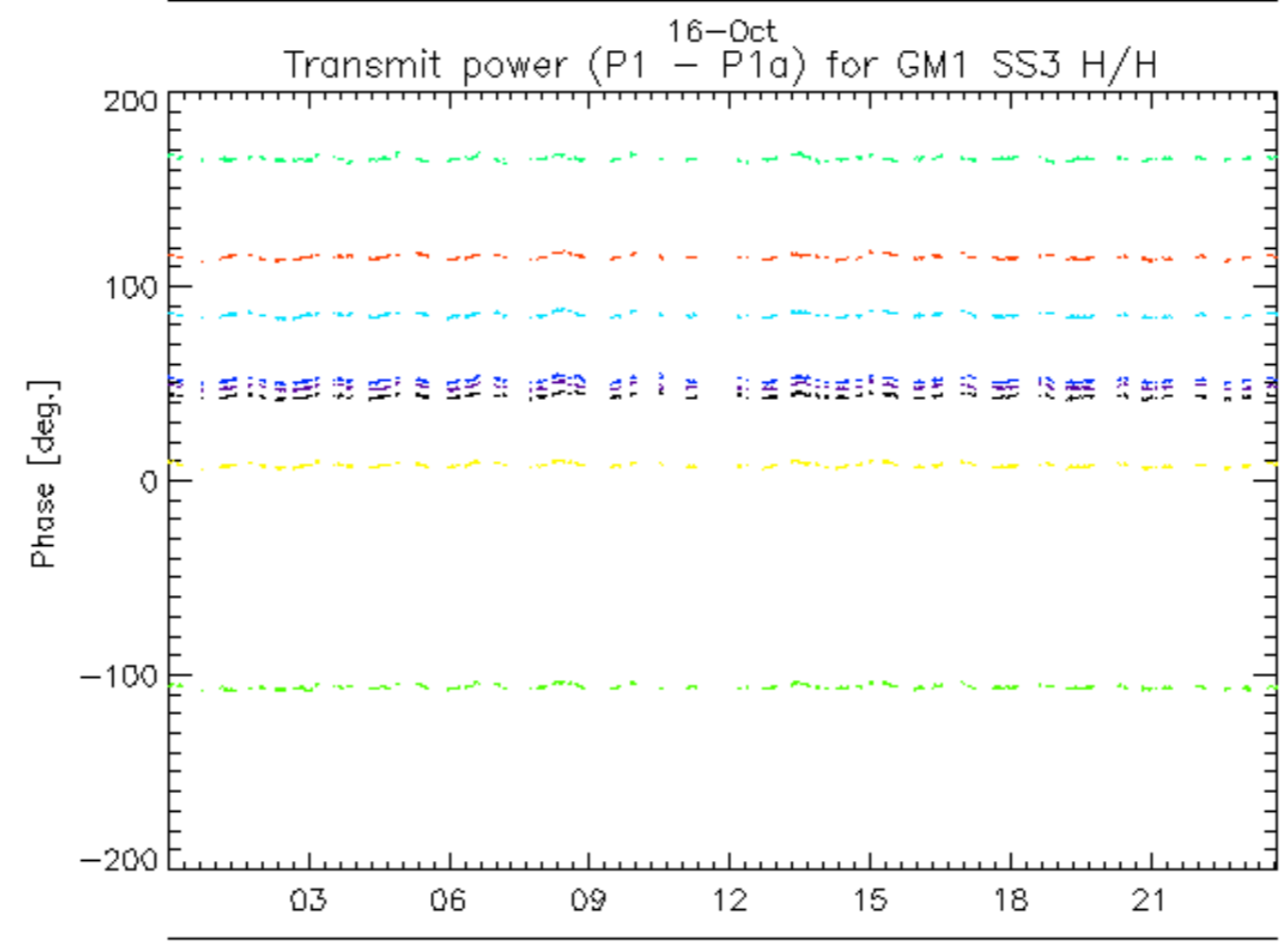
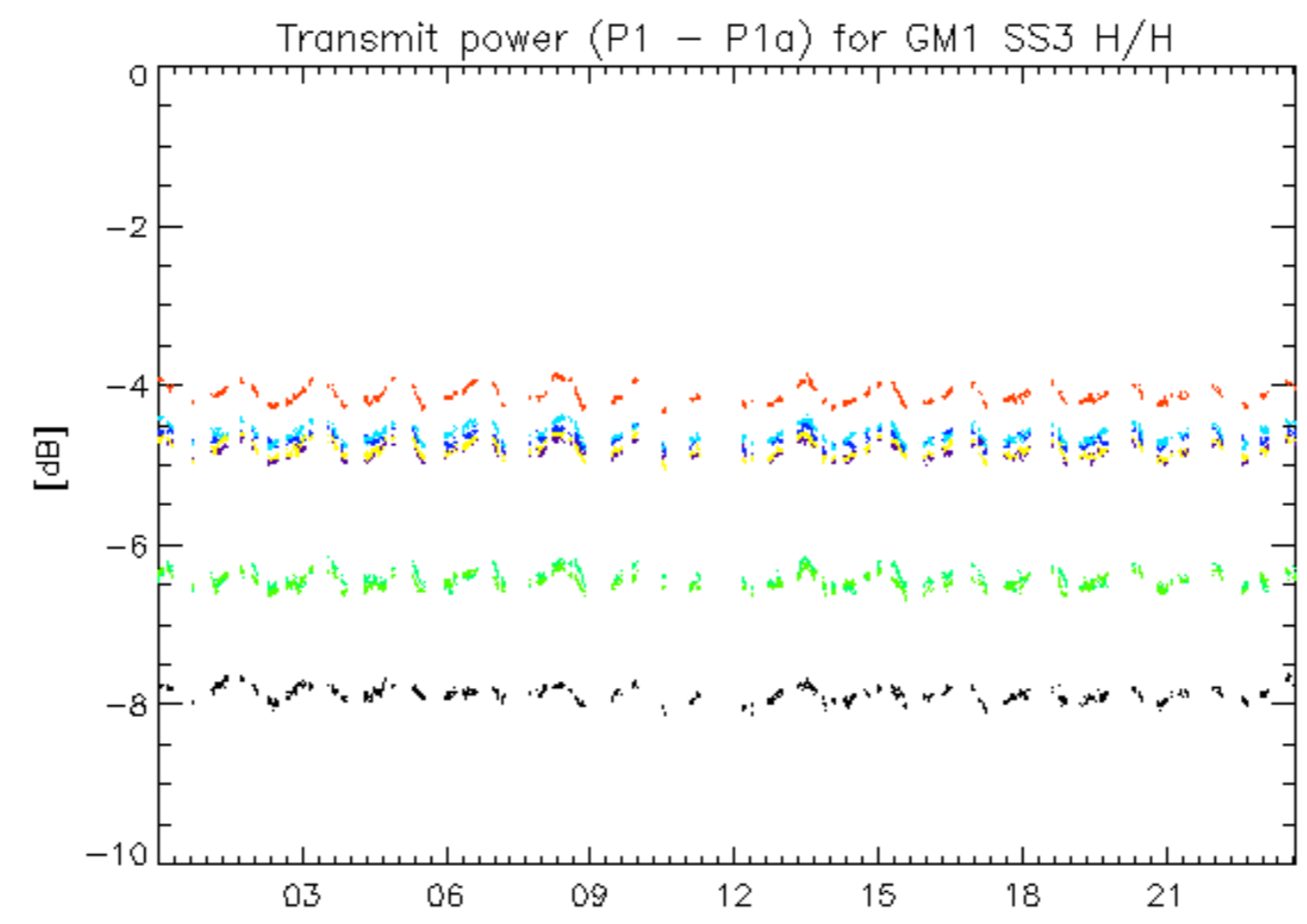




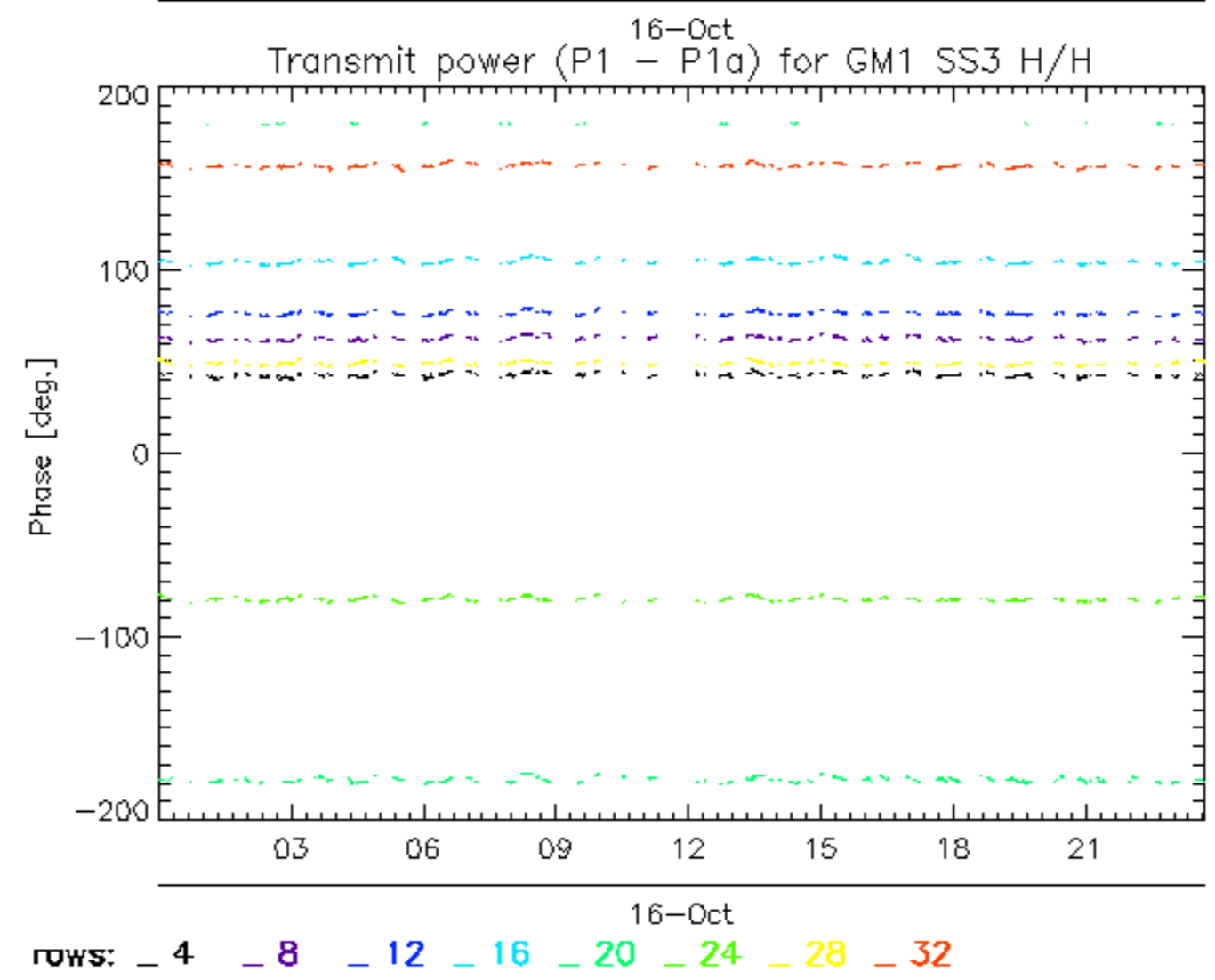
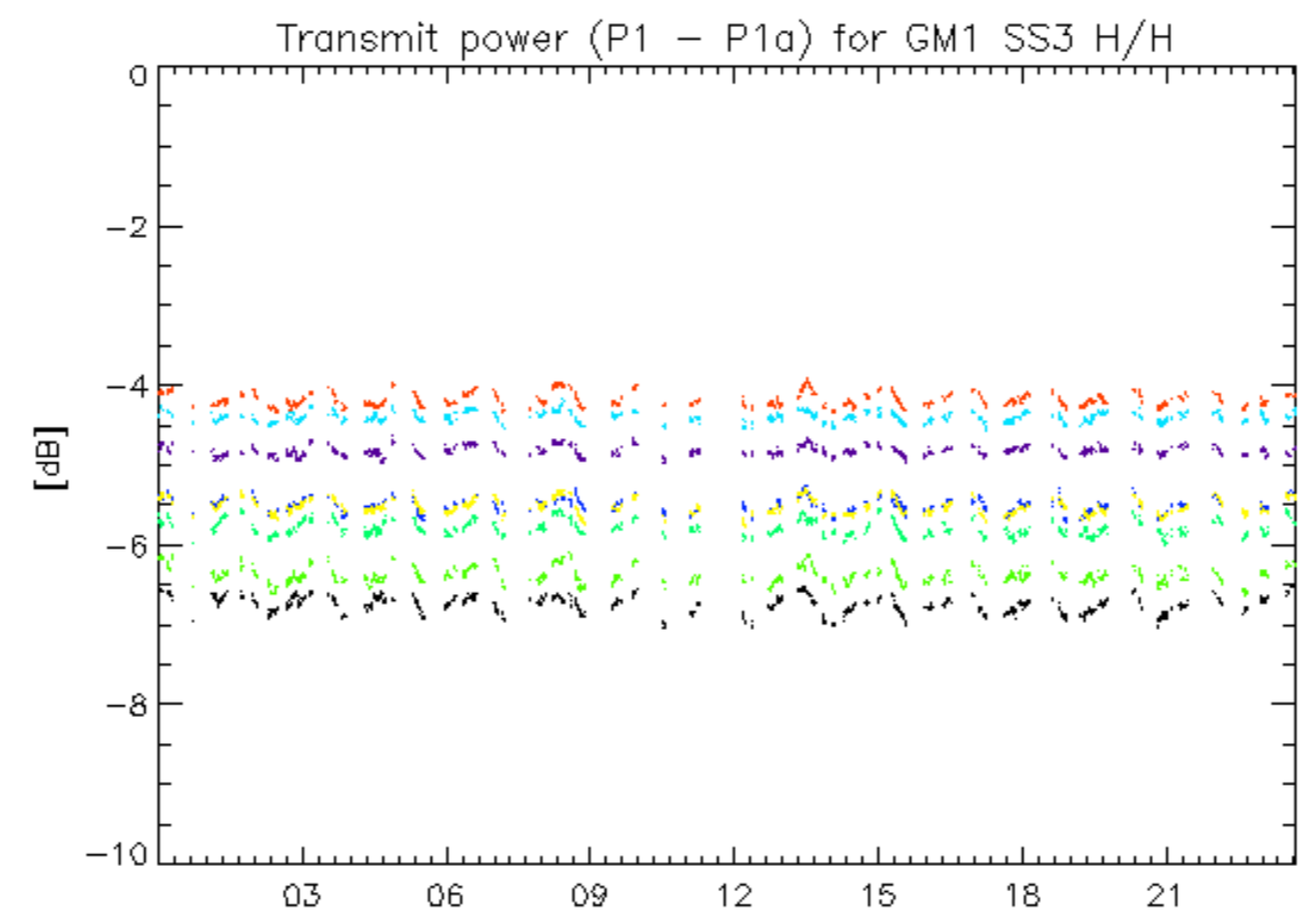


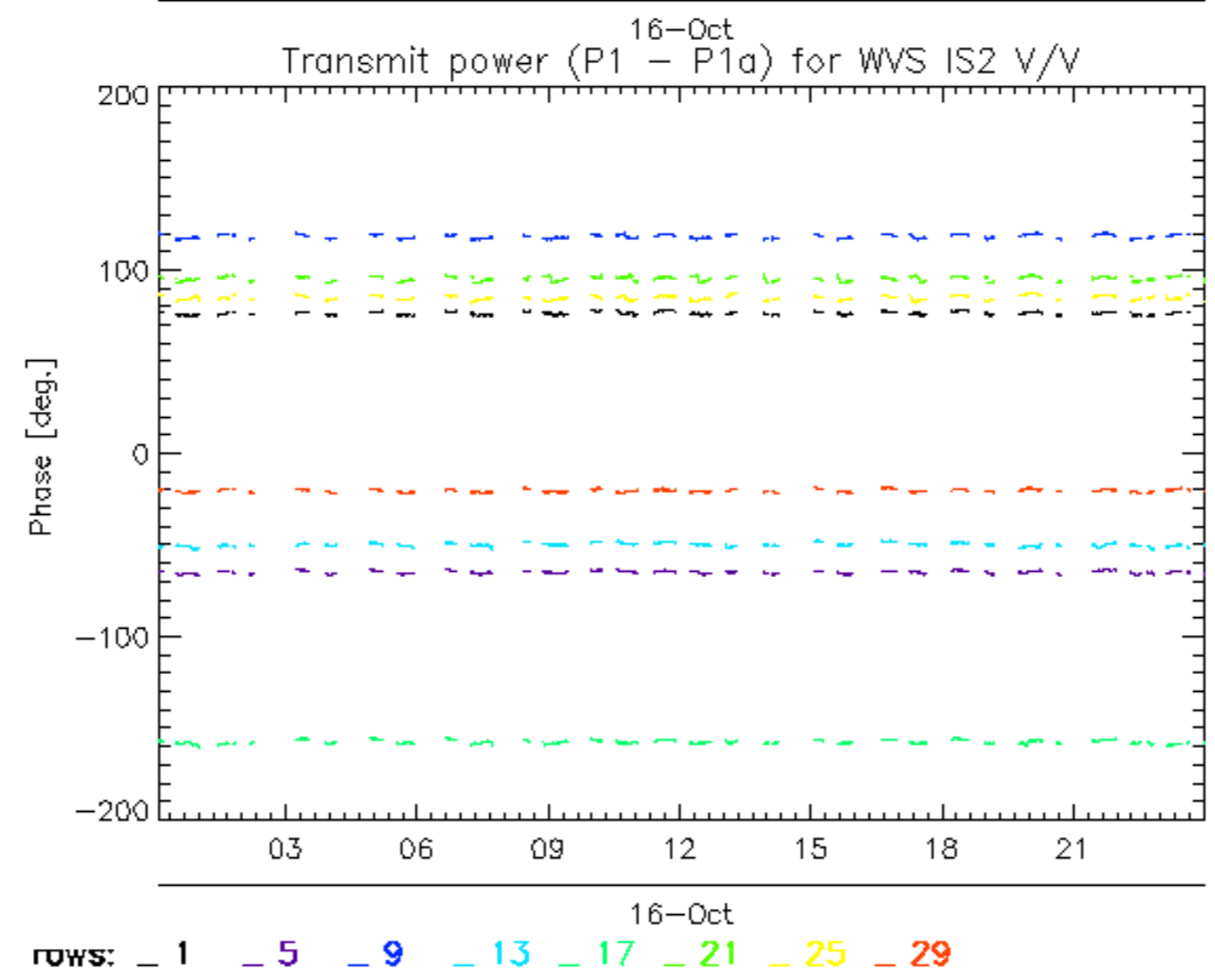
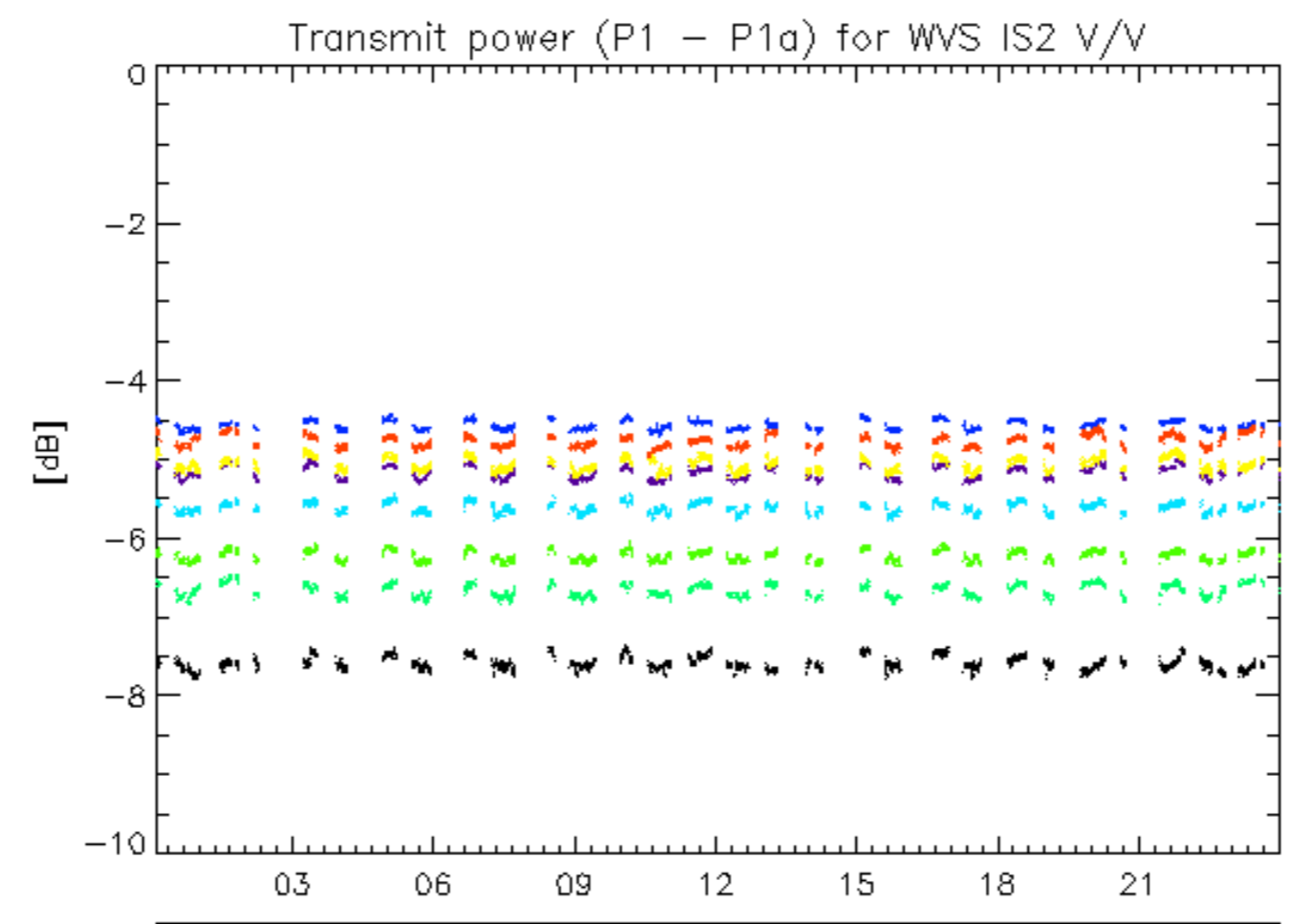
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

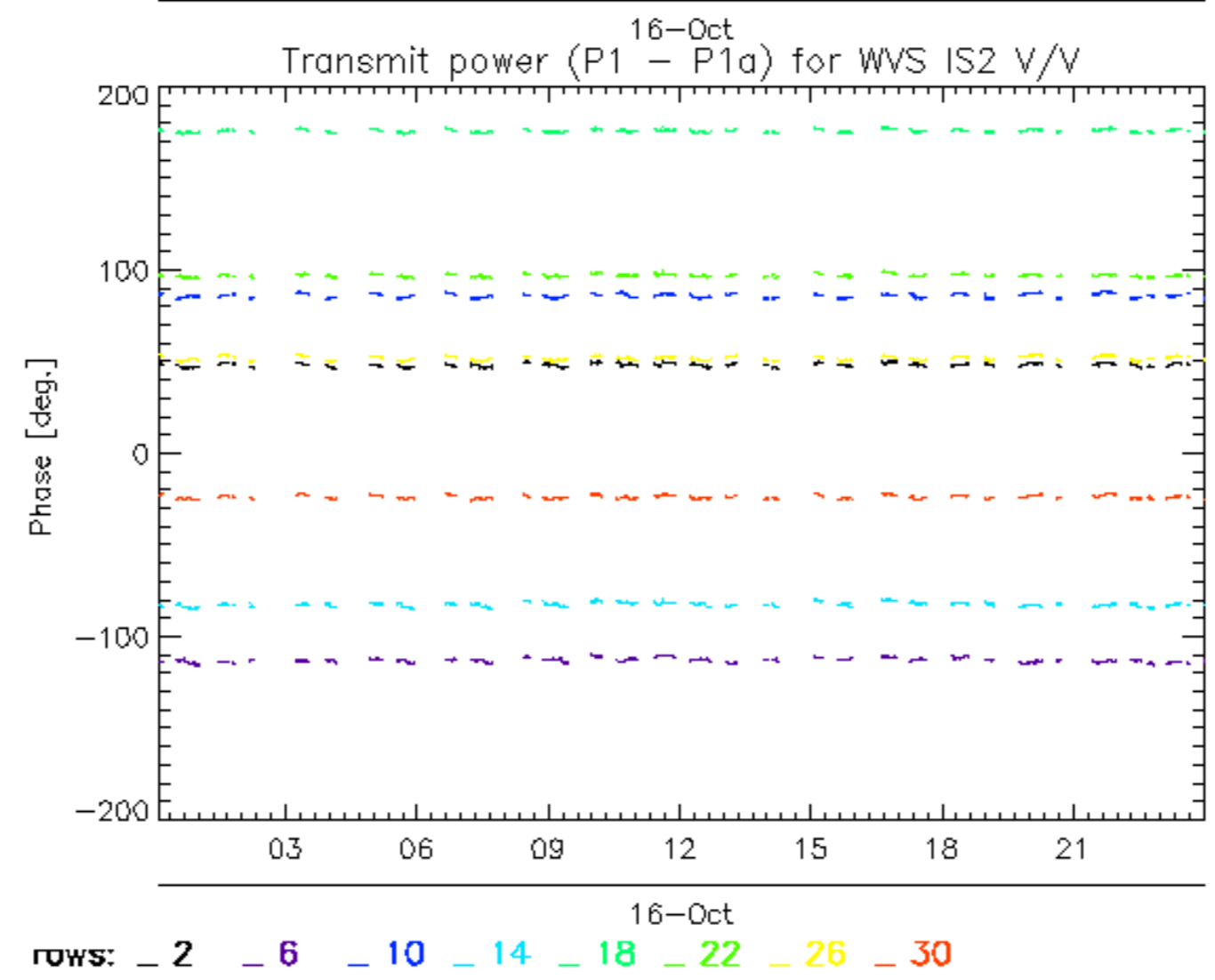
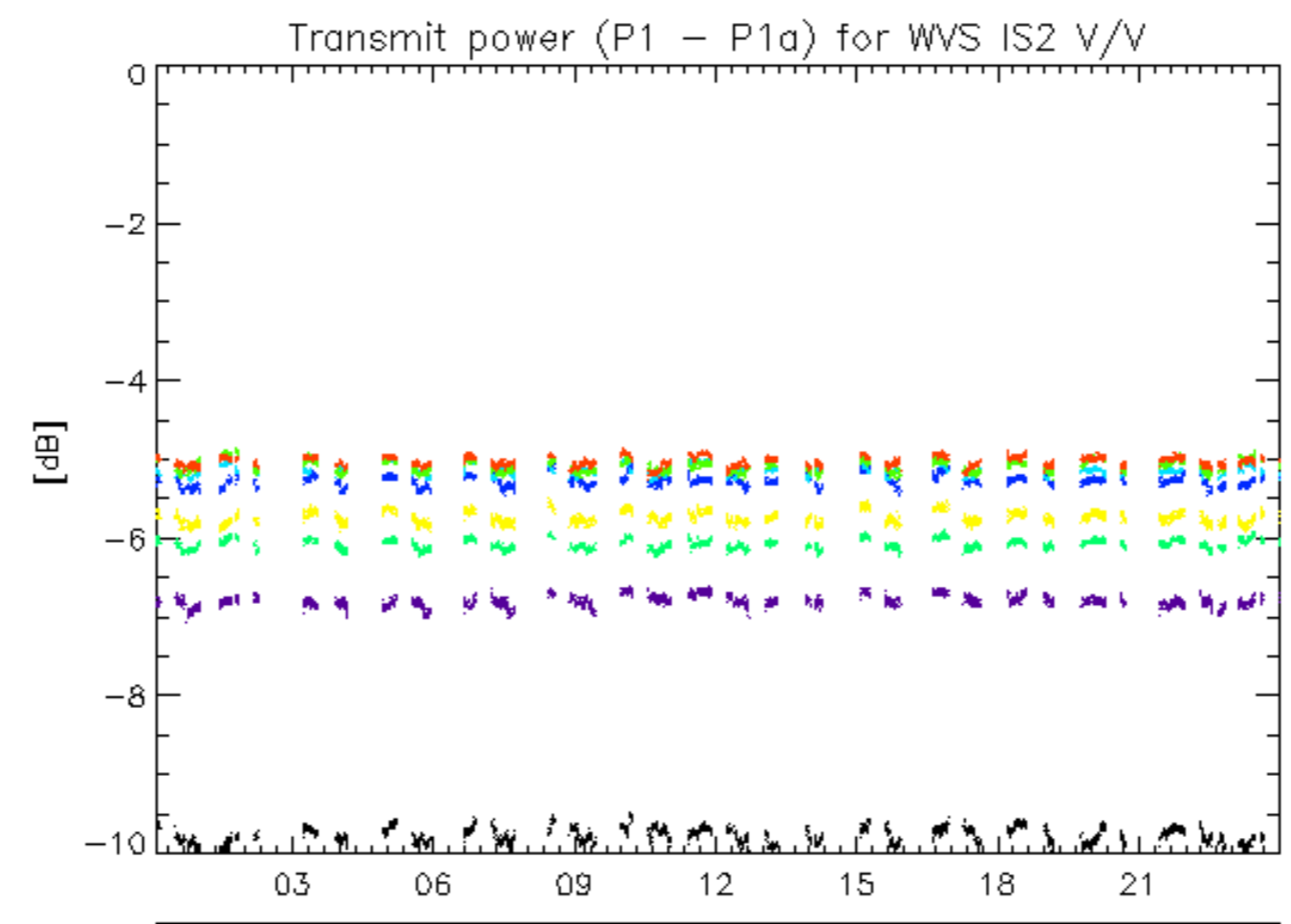


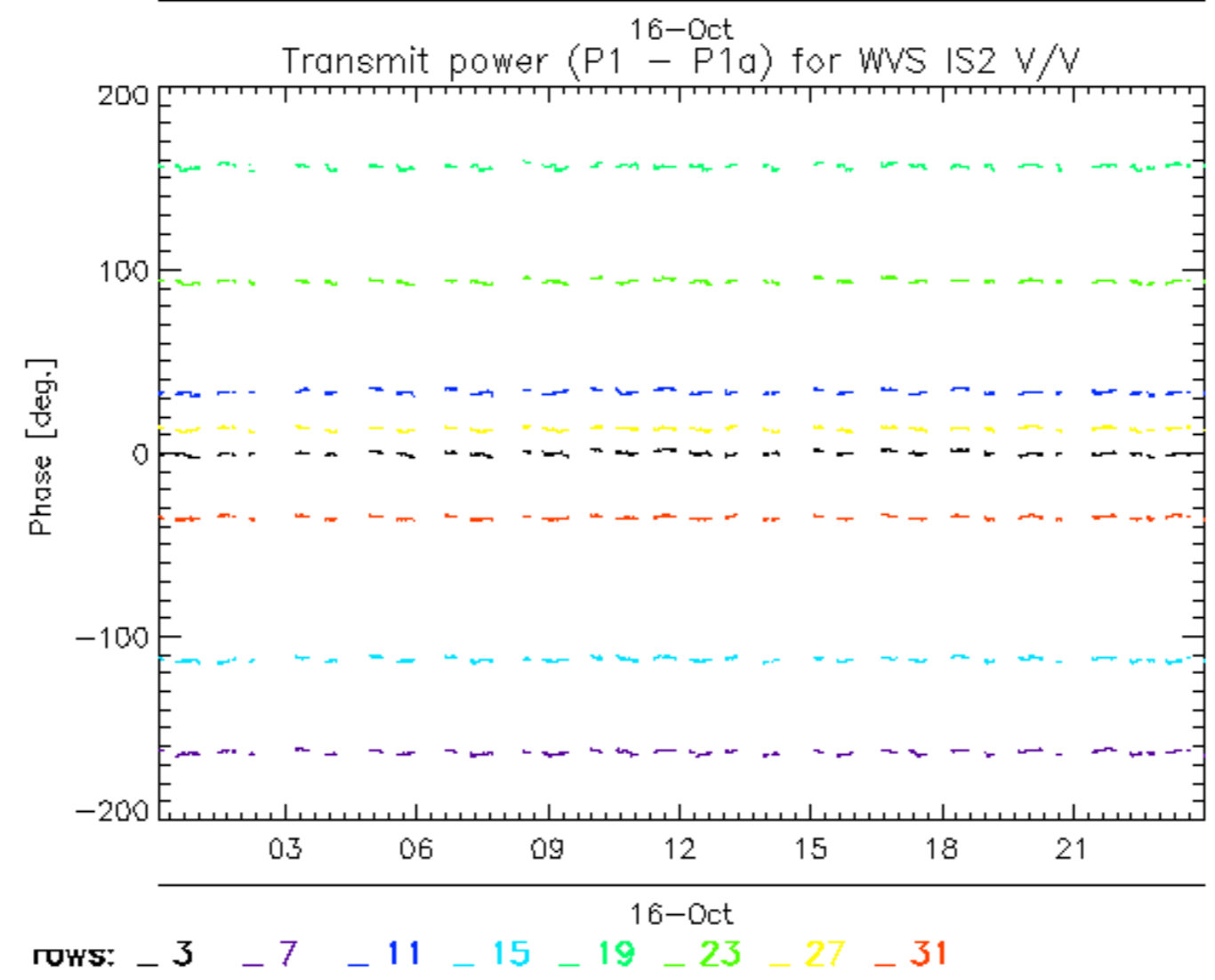
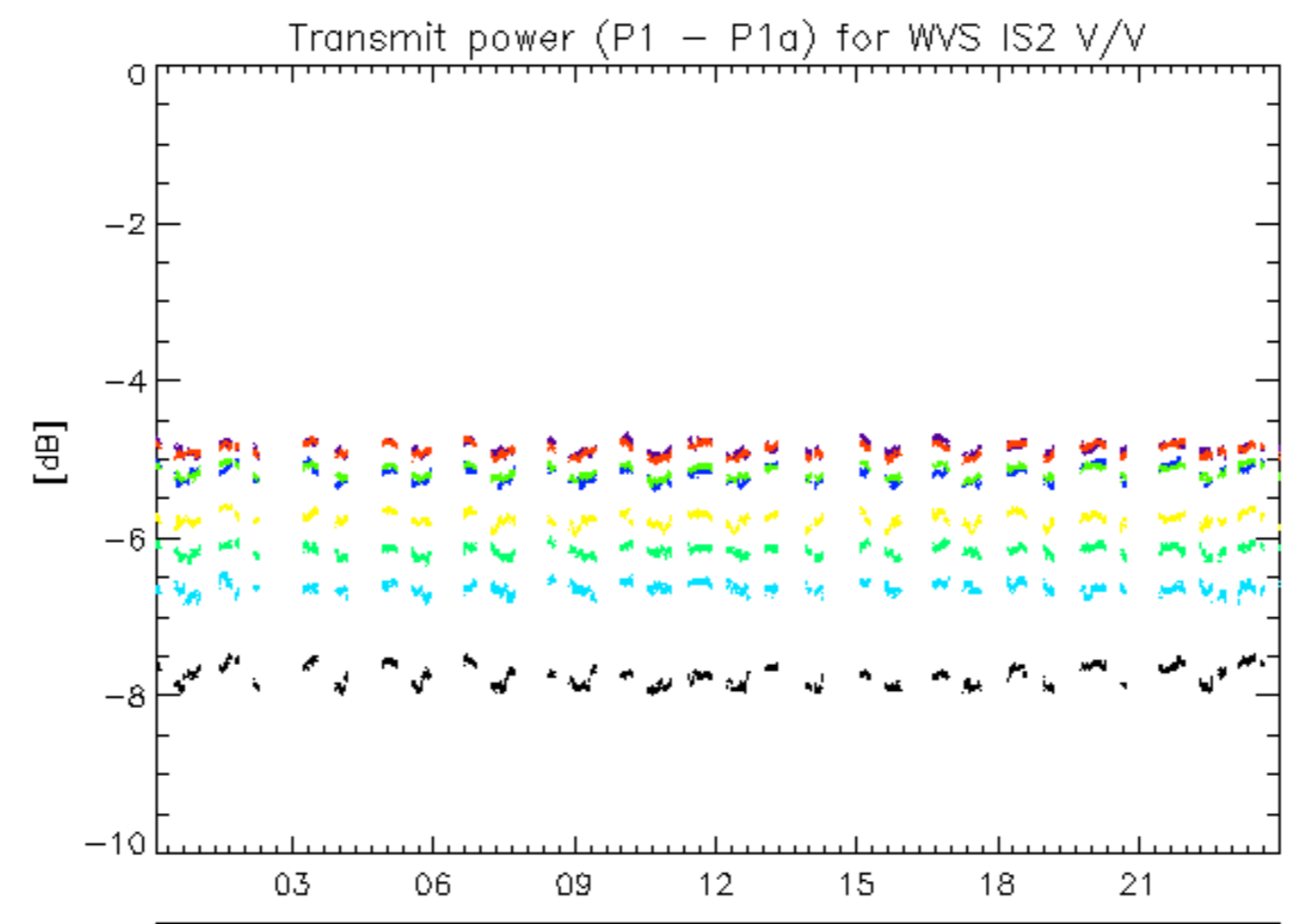


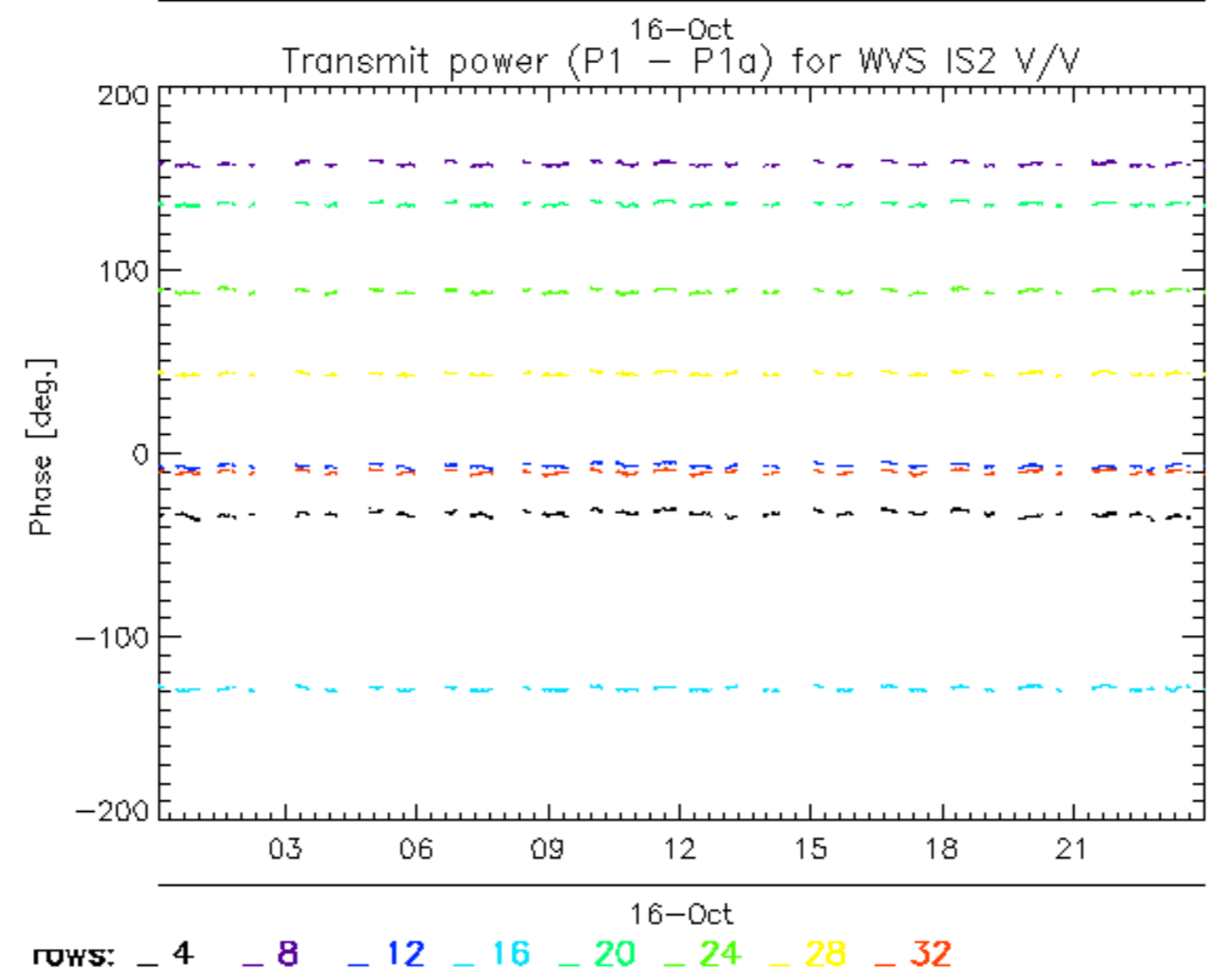
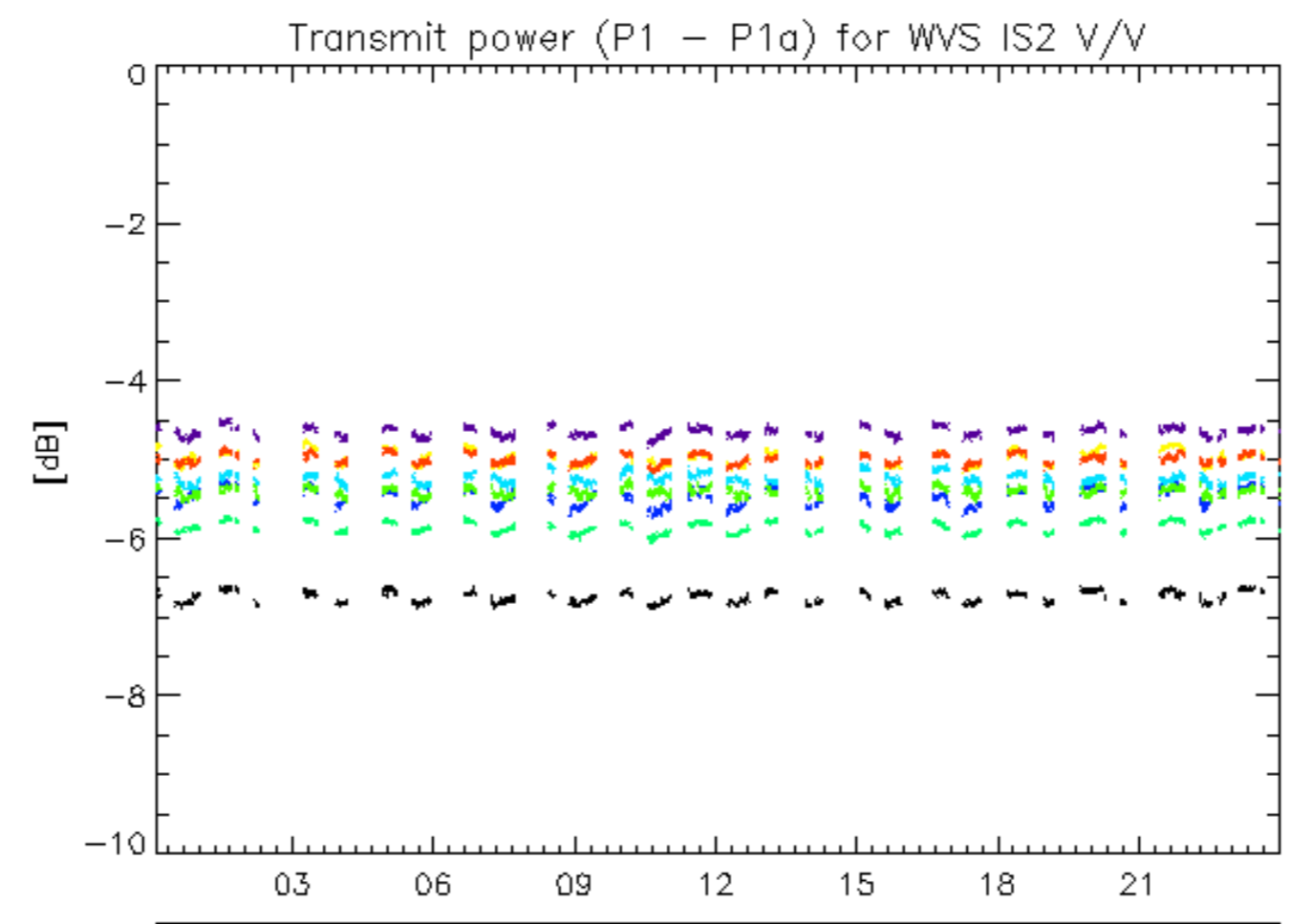
16-Oct
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

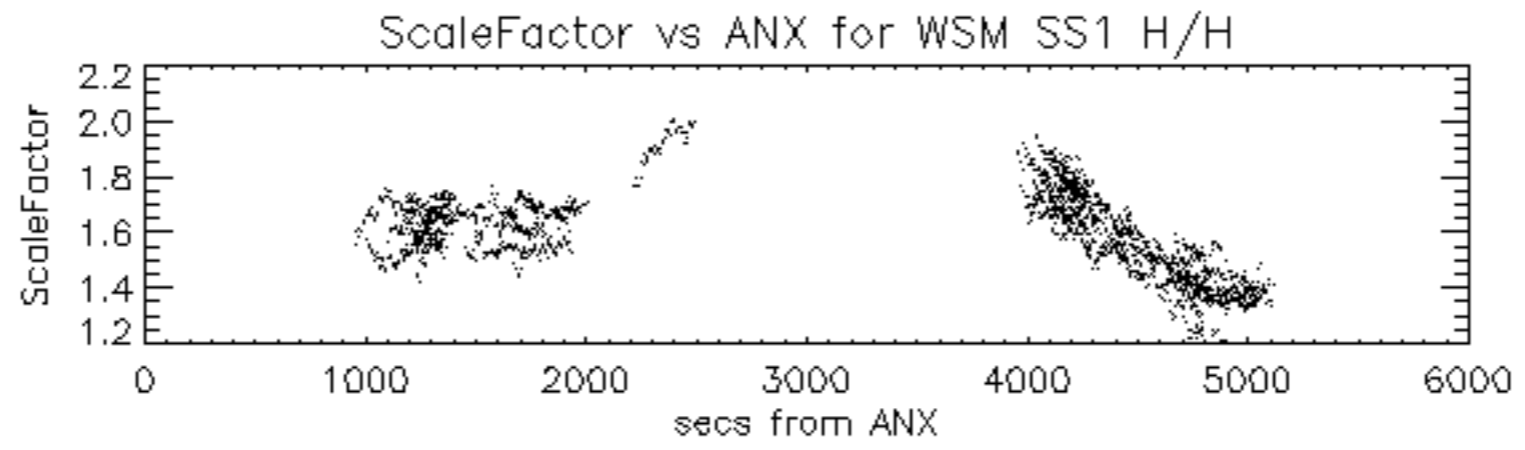


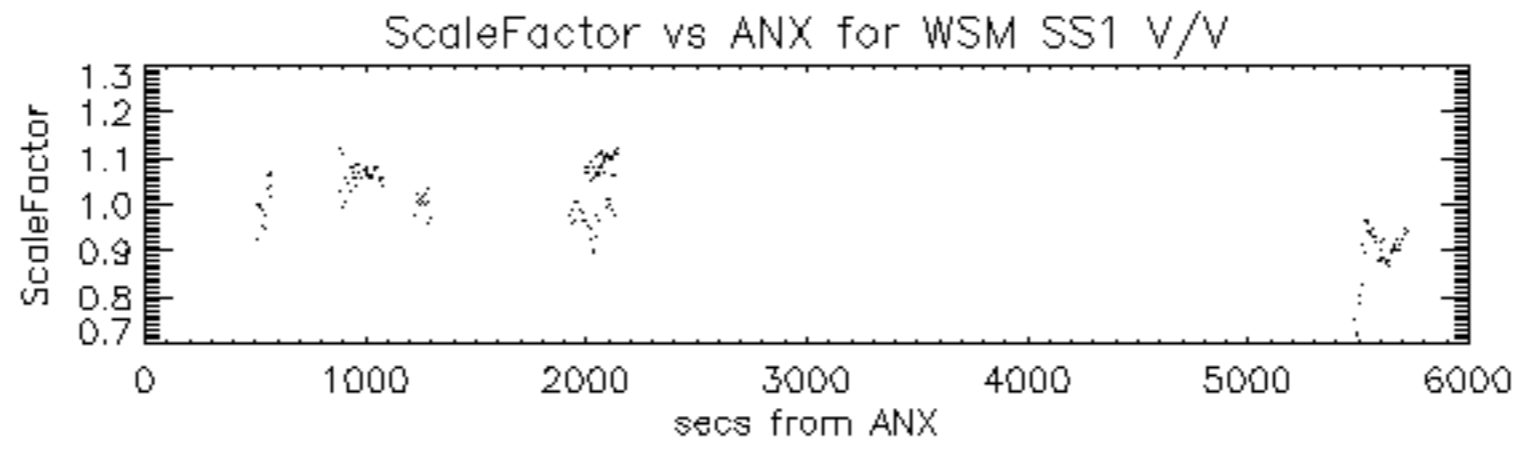


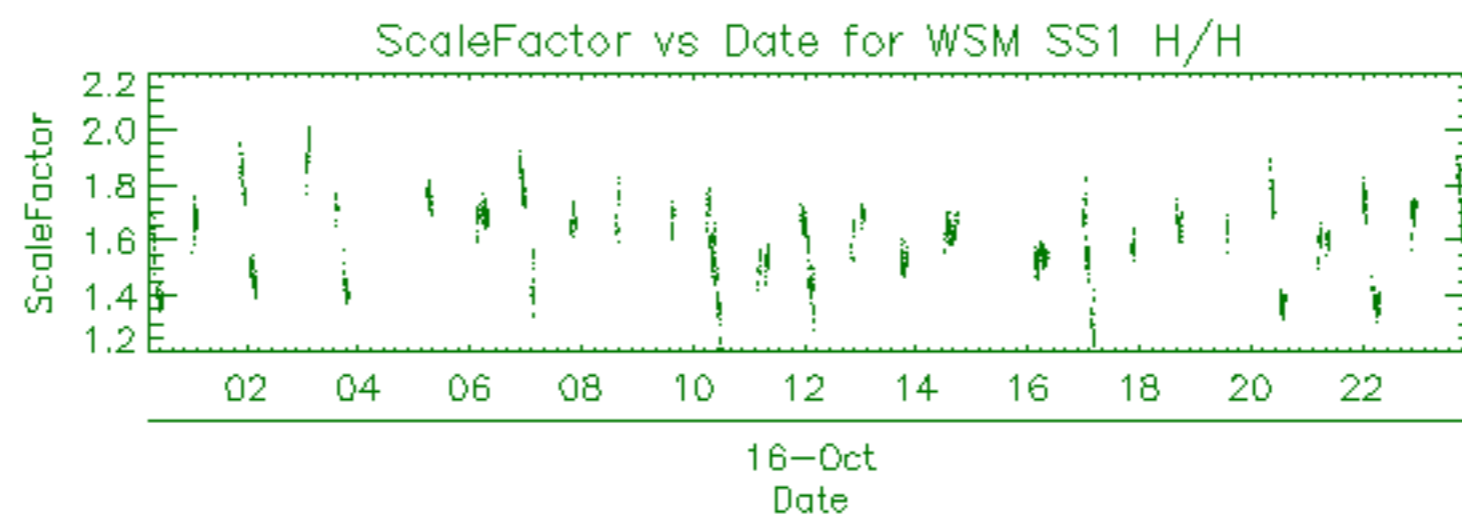


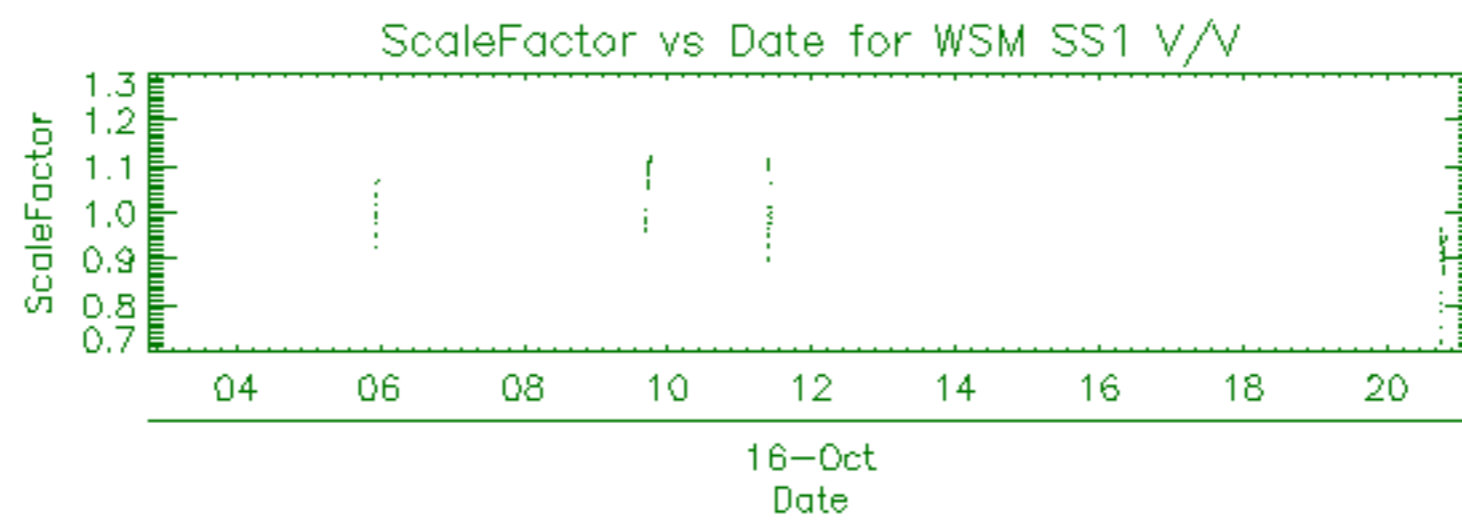












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20091015_235915_000004102083_00245_39878_3953.N1						SS1	H/H	83	39878	245	4.07
ASA_GM1_1PNPDE20091016_001128_000001872083_00245_39878_3951.N1						SS1	H/H	83	39878	245	4.07
ASA_GM1_1PNPDE20091016_001643_000001202083_00245_39878_3961.N1						SS1	H/H	83	39878	245	4.07
ASA_GM1_1PNPDE20091016_004258_000001202083_00245_39878_4010.N1						SS1	H/H	83	39878	245	4.07
ASA_GM1_1PNPDE20091016_010705_000011892083_00246_39879_4029.N1						SS1	H/H	83	39879	246	4.07
ASA_GM1_1PNPDE20091016_014208_000002472083_00246_39879_4019.N1						SS1	H/H	83	39879	246	4.07
ASA_GM1_1PNPDE20091016_015745_000003742083_00246_39879_4024.N1						SS1	H/H	83	39879	246	4.07
ASA_GM1_1PNPDE20091016_021642_000007672083_00246_39879_4080.N1						SS1	H/H	83	39879	246	4.07
ASA_GM1_1PNPDE20091016_023951_000004342083_00247_39880_4086.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_024845_000008942083_00247_39880_4096.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_030833_000003022083_00247_39880_4091.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_033243_000000842083_00247_39880_4135.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_033738_000003682083_00247_39880_4142.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_034924_000003562083_00247_39880_4137.N1						SS1	H/H	83	39880	247	4.07
ASA_GM1_1PNPDE20091016_041643_000016922083_00248_39881_4198.N1						SS1	H/H	83	39881	248	4.07
ASA_GM1_1PNPDE20091016_045119_000002052083_00248_39881_4179.N1						SS1	H/H	83	39881	248	4.07
ASA_GM1_1PNPDE20091016_051849_000008092083_00248_39881_4243.N1						SS1	H/H	83	39881	248	4.07
ASA_GM1_1PNPDE20091016_055756_000005432083_00249_39882_4247.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDE20091016_060957_000001572083_00249_39882_4245.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDE20091016_062058_000010082083_00249_39882_4275.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDE20091016_063628_000000782083_00249_39882_4257.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDK20091016_065925_000004162083_00249_39882_1065.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDK20091016_070954_000001812083_00249_39882_1070.N1						SS1	H/H	83	39882	249	4.07
ASA_GM1_1PNPDK20091016_074455_000001022083_00250_39883_1072.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_075403_000002172083_00250_39883_1074.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_075635_000004952083_00250_39883_1106.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_081306_000008392083_00250_39883_1110.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_083428_000002052083_00250_39883_1108.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_084015_000007912083_00250_39883_1115.N1						SS1	H/H	83	39883	250	4.07
ASA_GM1_1PNPDK20091016_092641_000005792083_00251_39884_1117.N1						SS1	H/H	83	39884	251	4.07
ASA_GM1_1PNPDK20091016_093926_000001082083_00251_39884_1151.N1						SS1	H/H	83	39884	251	4.07
ASA_GM1_1PNPDK20091016_095200_000003742083_00251_39884_1159.N1						SS1	H/H	83	39884	251	4.07
ASA_GM1_1PNPDK20091016_103106_000001812083_00251_39884_1161.N1						SS1	H/H	83	39884	251	4.07
ASA_GM1_1PNPDK20091016_110406_000003622083_00252_39885_1163.N1						SS1	H/H	83	39885	252	4.07
ASA_GM1_1PNPDK20091016_111249_000002712083_00252_39885_1165.N1						SS1	H/H	83	39885	252	4.07
ASA_GM1_1PNPDK20091016_111614_000000782083_00252_39885_1194.N1						SS1	H/H	83	39885	252	4.07
ASA_GM1_1PNPDK20091016_120959_000002832083_00252_39885_1199.N1						SS1	H/H	83	39885	252	4.07
ASA_GM1_1PNPDK20091016_122109_000001692083_00252_39885_1204.N1						SS1	H/H	83	39885	252	4.07
ASA_GM1_1PNPDK20091016_124241_000004712083_00253_39886_1206.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_125246_000002592083_00253_39886_1211.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_125558_000003442083_00253_39886_1244.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_131914_000006522083_00253_39886_1246.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_133008_000007612083_00253_39886_1248.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_135035_000002832083_00253_39886_1250.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_140133_000003082083_00253_39886_1258.N1						SS1	H/H	83	39886	253	4.07
ASA_GM1_1PNPDK20091016_141705_000008452083_00254_39887_1263.N1						SS1	H/H	83	39887	254	4.07
ASA_GM1_1PNPDK20091016_144359_000003502083_00254_39887_1290.N1						SS1	H/H	83	39887	254	4.07
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ASA_GM1_1PNPDK20091016_151651_000011422083_00254_39887_1311.N1						SS1	H/H	83	39887	254	4.07
ASA_GM1_1PNPDK20091016_155624_000001872083_00255_39888_1304.N1						SS1	H/H	83	39888	255	4.07
ASA_GM1_1PNPDK20091016_160222_000003502083_00255_39888_1309.N1						SS1	H/H	83	39888	255	4.07
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ASA_GM1_1PNPDK20091016_165727_000001322083_00255_39888_1339.N1						SS1	H/H	83	39888	255	4.07
ASA_GM1_1PNPDK20091016_170624_000001442083_00255_39888_1343.N1						SS1	H/H	83	39888	255	4.07
ASA_GM1_1PNPDK20091016_171147_000002832083_00255_39888_1348.N1						SS1	H/H	83	39888	255	4.07
ASA_GM1_1PNPDK20091016_173831_000007432083_00256_39889_1350.N1						SS1	H/H	83	39889	256	4.07
ASA_GM1_1PNPDK20091016_175009_000001262083_00256_39889_1366.N1						SS1	H/H	83	39889	256	4.07
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ASA_GM1_1PNPDK20091016_180654_000001142083_00256_39889_1372.N1						SS1	H/H	83	39889	256	4.07
ASA_GM1_1PNPDK20091016_183803_000000902083_00256_39889_1374.N1						SS1	H/H	83	39889	256	4.07
ASA_GM1_1PNPDK20091016_184517_000006822083_00256_39889_1379.N1						SS1	H/H	83	39889	256	4.07
ASA_GM1_1PNPDK20091016_191250_000001202083_00257_39890_1381.N1						SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_191708_000007792083_00257_39890_1386.N1						SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_192901_000001812083_00257_39890_1399.N1						SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_193544_000006522083_00257_39890_1401.N1						SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_201839_000001382083_00257_39890_1403.N1						SS1	H/H	83	39890	257	4.07

ASA_GM1_1PNPDK20091016_202521_000003502083_00257_39890_1412.N1	SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_204834_000008392083_00257_39890_1414.N1	SS1	H/H	83	39890	257	4.07
ASA_GM1_1PNPDK20091016_210644_000000722083_00258_39891_1416.N1	SS1	H/H	83	39891	258	4.07
ASA_GM1_1PNPDE20091016_211640_000002712083_00258_39891_4552.N1	SS1	H/H	83	39891	258	4.07
ASA_GM1_1PNPDE20091016_212415_000001692083_00258_39891_4554.N1	SS1	H/H	83	39891	258	4.07
ASA_GM1_1PNPDE20091016_215915_000000902083_00258_39891_4556.N1	SS1	H/H	83	39891	258	4.07
ASA_GM1_1PNPDE20091016_220447_000003502083_00258_39891_4564.N1	SS1	H/H	83	39891	258	4.07
ASA_GM1_1PNPDE20091016_223500_000004532083_00259_39892_4615.N1	SS1	H/H	83	39892	259	4.07
ASA_GM1_1PNPDE20091016_225747_000005732083_00259_39892_4635.N1	SS1	H/H	83	39892	259	4.07
ASA_GM1_1PNPDE20091016_233009_000002112083_00259_39892_4625.N1	SS1	H/H	83	39892	259	4.07
ASA_GM1_1PNPDE20091016_233344_000001082083_00259_39892_4630.N1	SS1	H/H	83	39892	259	4.07
ASA_GM1_1PNPDE20091016_233951_000001502083_00259_39892_4637.N1	SS1	H/H	83	39892	259	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20091016_023902_000000372083_00247_39880_4078.N1						IS1	V/V	83	39880	247	4.07
ASA_IMM_1PNPDE20091016_044454_000003732083_00248_39881_4216.N1						IS2	V/V	83	39881	248	4.07
ASA_IMM_1PNPDE20091016_044454_000001232083_00248_39881_4208.N1						IS2	V/V	83	39881	248	4.07
ASA_IMM_1PNPDE20091016_044758_000000592083_00248_39881_4190.N1						IS2	V/V	83	39881	248	4.07
ASA_IMM_1PNPDK20091016_074638_000000532083_00250_39883_1085.N1						IS2	V/V	83	39883	250	4.07
ASA_IMM_1PNPDK20091016_094608_000000372083_00251_39884_1132.N1						IS2	V/V	83	39884	251	4.07
ASA_IMM_1PNPDE20091016_100931_000000532083_00251_39884_4308.N1						IS2	V/V	83	39884	251	4.07
ASA_IMM_1PNPDE20091016_113501_000000832083_00252_39885_4372.N1						IS2	V/V	83	39885	252	4.07
ASA_IMM_1PNPDE20091016_155145_000000382083_00255_39888_4458.N1						IS6	V/V	83	39888	255	4.07
ASA_IMM_1PNPDE20091016_155928_000001612083_00255_39888_4442.N1						IS6	V/V	83	39888	255	4.07
ASA_IMM_1PNPDE20091016_163612_000000422083_00255_39888_4456.N1						IS2	V/V	83	39888	255	4.07
ASA_IMM_1PNPDE20091016_180046_000000392083_00256_39889_4490.N1						IS1	H/H	83	39889	256	4.07
ASA_IMM_1PNPDE20091016_180551_000000522083_00256_39889_4492.N1						IS1	V/V	83	39889	256	4.07
ASA_IMM_1PNPDE20091016_180845_000001542083_00256_39889_4502.N1						IS2	V/V	83	39889	256	4.07
ASA_IMM_1PNPDE20091016_181129_000000432083_00256_39889_4500.N1						IS1	V/V	83	39889	256	4.07
ASA_IMM_1PNPDE20091016_191451_000001272083_00257_39890_4589.N1						IS2	V/V	83	39890	257	4.07
ASA_IMM_1PNPDK20091016_193200_000000362083_00257_39890_1388.N1						IS2	V/V	83	39890	257	4.07
ASA_IMM_1PNPDK20091016_210525_000000682083_00258_39891_1421.N1						IS2	V/V	83	39891	258	4.07

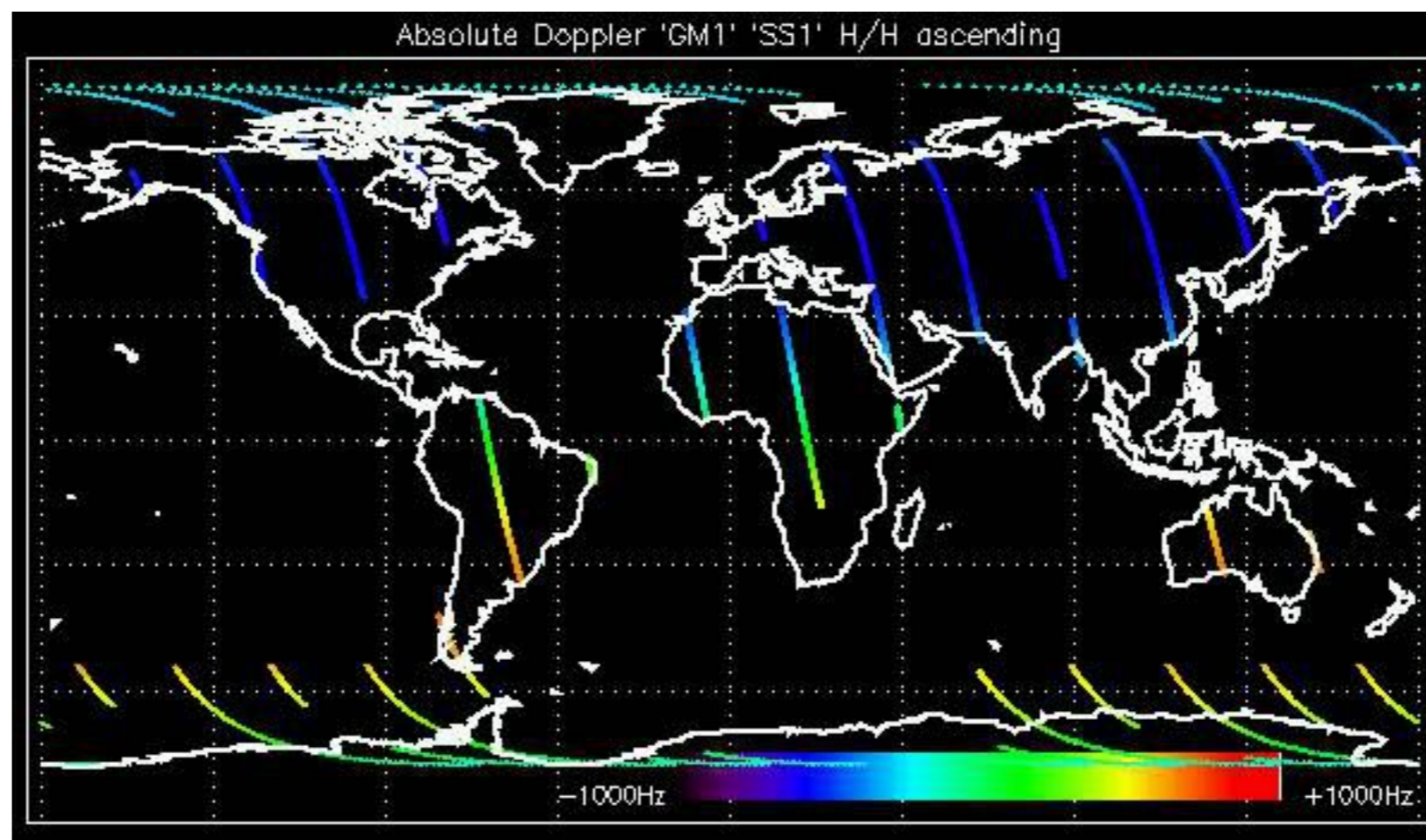
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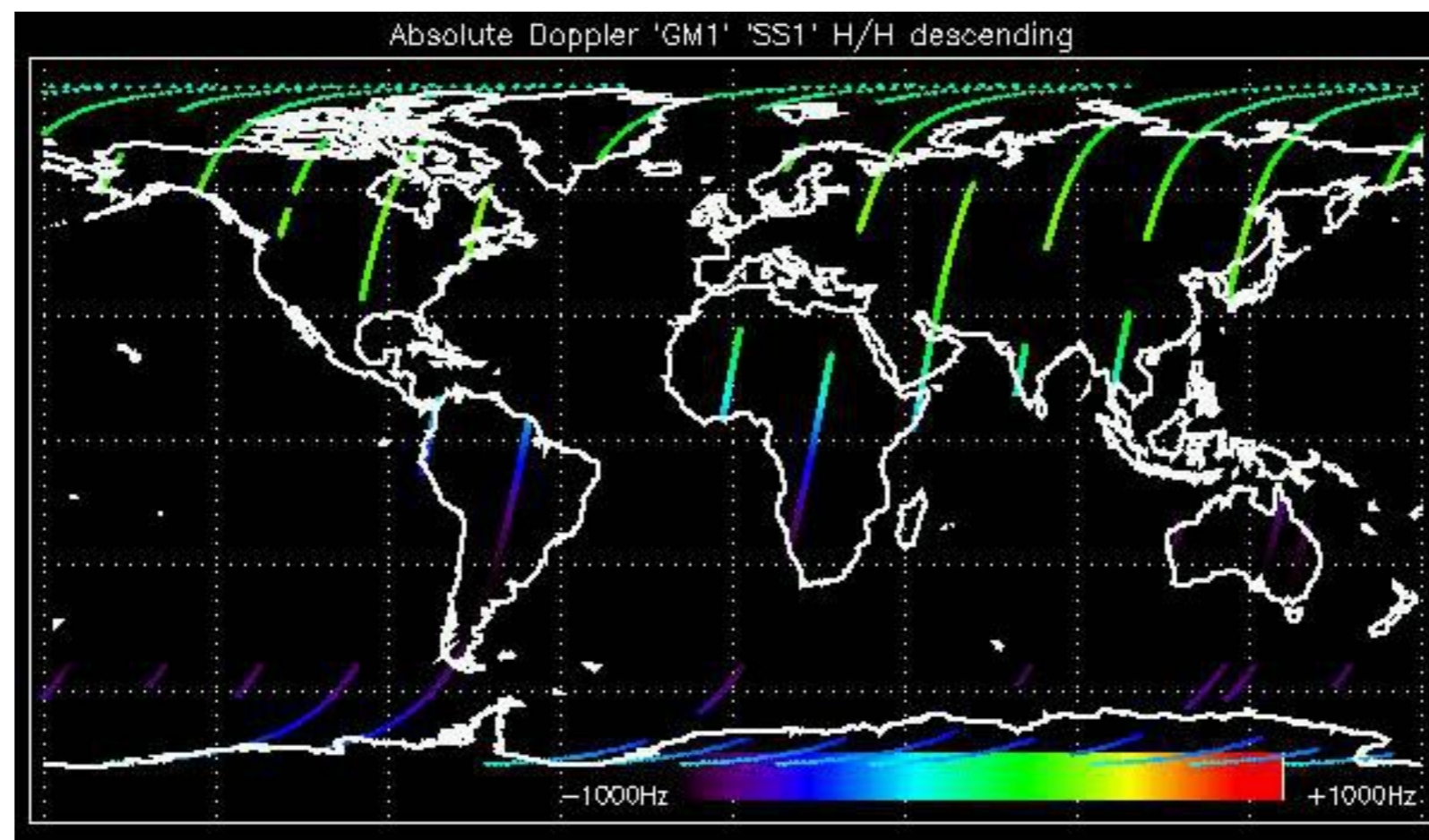


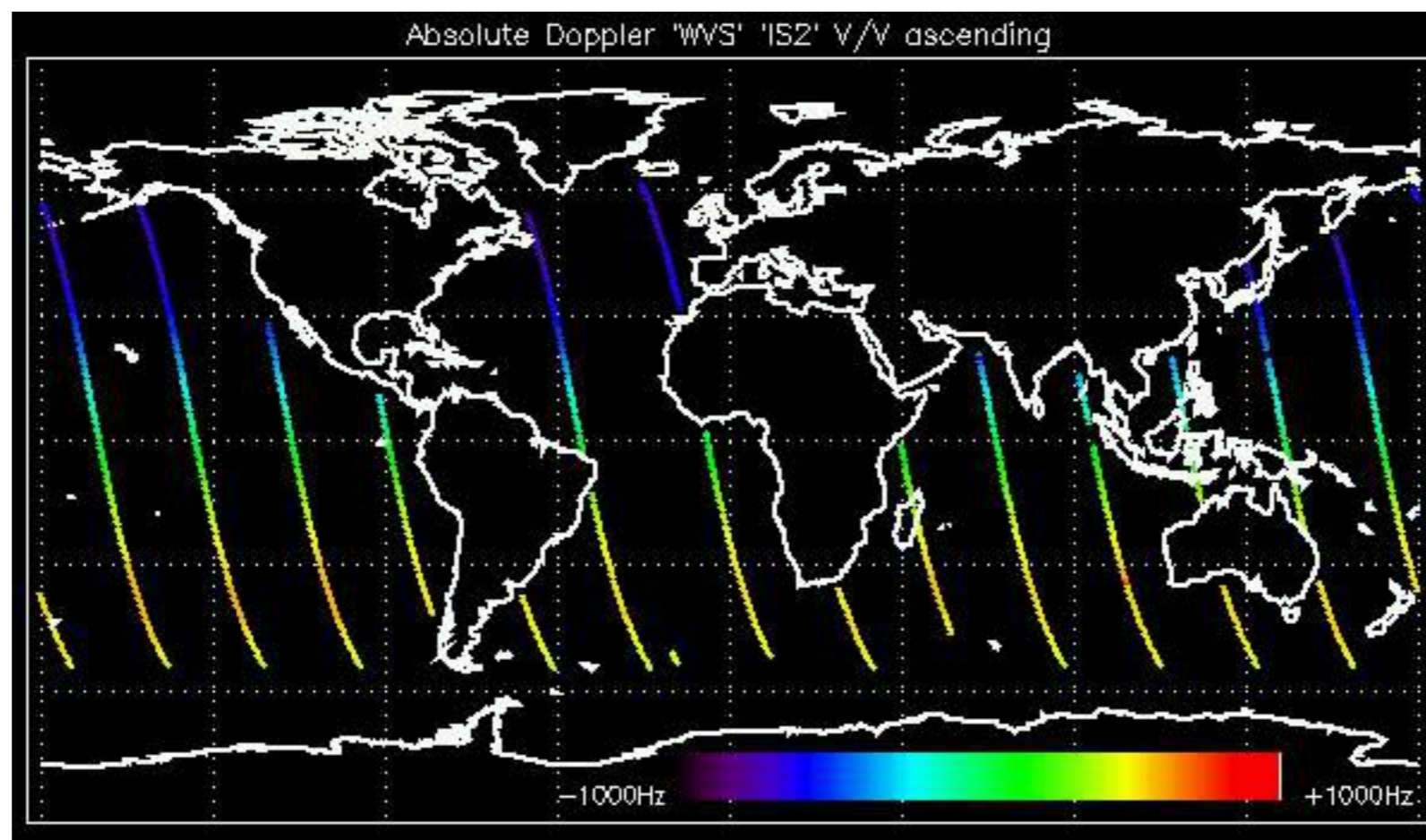
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20091016_001441_000001152083_00245_39878_3967.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_001845_000001902083_00245_39878_3999.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_001845_000001902083_00245_39878_4002.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_002329_000001902083_00245_39878_4222.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_002329_000003912083_00245_39878_4298.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_002942_00000182083_00245_39878_4165.N1						SS1	H/H	83	39878	245	4.07
ASA_WSM_1PNPDE20091016_010159_000002992083_00246_39879_4076.N1						SS1	H/H	83	39879	246	4.07
ASA_WSM_1PNPDE20091016_015308_000002752083_00246_39879_4131.N1						SS1	H/H	83	39879	246	4.07
ASA_WSM_1PNPDE20091016_020406_000001902083_00246_39879_4127.N1						SS1	H/H	83	39879	246	4.07
ASA_WSM_1PNPDE20091016_020406_000003912083_00246_39879_4151.N1						SS1	H/H	83	39879	246	4.07
ASA_WSM_1PNPDE20091016_020817_000001392083_00246_39879_4128.N1						SS1	H/H	83	39879	246	4.07
ASA_WSM_1PNPDE20091016_024709_000000912083_00247_39880_4118.N1						SS1	V/V	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_030340_000002872083_00247_39880_4133.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_030454_000000612083_00247_39880_4100.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_030650_000000962083_00247_39880_4123.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_033545_000001092083_00247_39880_4125.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_033658_000000362083_00247_39880_4110.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_034348_000003302083_00247_39880_4280.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_034348_000002512083_00247_39880_4259.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_034900_000000182083_00247_39880_4177.N1						SS1	H/H	83	39880	247	4.07
ASA_WSM_1PNPDE20091016_051423_000002502083_00248_39881_4286.N1						SS1	H/H	83	39881	248	4.07
ASA_WSM_1PNPDE20091016_051423_000001342083_00248_39881_4238.N1						SS1	H/H	83	39881	248	4.07
ASA_WSM_1PNPDE20091016_055622_000000912083_00249_39882_4261.N1						SS1	V/V	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_060703_000001712083_00249_39882_4300.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_060918_000000362083_00249_39882_4292.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_061241_000000672083_00249_39882_4224.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_061400_000003122083_00249_39882_4294.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_061400_000003302083_00249_39882_4296.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDK20091016_061508_000003482083_00249_39882_1063.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_065348_000003122083_00249_39882_4282.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDE20091016_065348_000003302083_00249_39882_4284.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDK20091016_070627_000001902083_00249_39882_1102.N1						SS1	H/H	83	39882	249	4.07
ASA_WSM_1PNPDK20091016_074825_000003302083_00250_39883_1104.N1						SS1	H/H	83	39883	250	4.07
ASA_WSM_1PNPDK20091016_083756_000001342083_00250_39883_1145.N1						SS1	H/H	83	39883	250	4.07
ASA_WSM_1PNPDK20091016_093623_000001762083_00251_39884_1147.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDK20091016_094116_000002382083_00251_39884_1149.N1						SS1	V/V	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_101521_000005512083_00251_39884_4412.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_101521_000001352083_00251_39884_4404.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_101831_000003612083_00251_39884_4405.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_102519_000003422083_00251_39884_4414.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_102633_000001762083_00251_39884_4410.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_103031_000000302083_00251_39884_4370.N1						SS1	H/H	83	39884	251	4.07
ASA_WSM_1PNPDE20091016_111014_000000672083_00252_39885_4349.N1						SS1	H/H	83	39885	252	4.07
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ASA_WSM_1PNPDK20091016_111735_000002812083_00252_39885_1189.N1						SS1	H/H	83	39885	252	4.07
ASA_WSM_1PNPDK20091016_112313_000001342083_00252_39885_1187.N1						SS1	V/V	83	39885	252	4.07
ASA_WSM_1PNPDE20091016_115626_000003482083_00252_39885_4408.N1						SS1	H/H	83	39885	252	4.07
ASA_WSM_1PNPDK20091016_120257_000004152083_00252_39885_1242.N1						SS1	H/H	83	39885	252	4.07
ASA_WSM_1PNPDK20091016_125039_000001212083_00253_39886_1240.N1						SS1	H/H	83	39886	253	4.07
ASA_WSM_1PNPDK20091016_130146_000001342083_00253_39886_1238.N1						SS1	H/H	83	39886	253	4.07
ASA_WSM_1PNPDE20091016_134253_000004592083_00253_39886_4488.N1						SS1	H/H	83	39886	253	4.07
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ASA_WSM_1PNPDE20091016_135008_000000242083_00253_39886_4440.N1						SS1	H/H	83	39886	253	4.07
ASA_WSM_1PNPDK20091016_143113_000002312083_00254_39887_1286.N1						SS1	H/H	83	39887	254	4.07
ASA_WSM_1PNPDK20091016_143549_000003122083_00254_39887_1288.N1						SS1	H/H	83	39887	254	4.07
ASA_WSM_1PNPDE20091016_144213_000001032083_00254_39887_4466.N1						SS1	H/H	83	39887	254	4.07
ASA_WSM_1PNPDE20091016_160819_000000972083_00255_39888_4444.N1						SS1	H/H	83	39888	255	4.07
ASA_WSM_1PNPDK20091016_160927_000003122083_00255_39888_1337.N1						SS1	H/H	83	39888	255	4.07
ASA_WSM_1PNPDK20091016_161545_000001712083_00255_39888_1335.N1						SS1	H/H	83	39888	255	4.07
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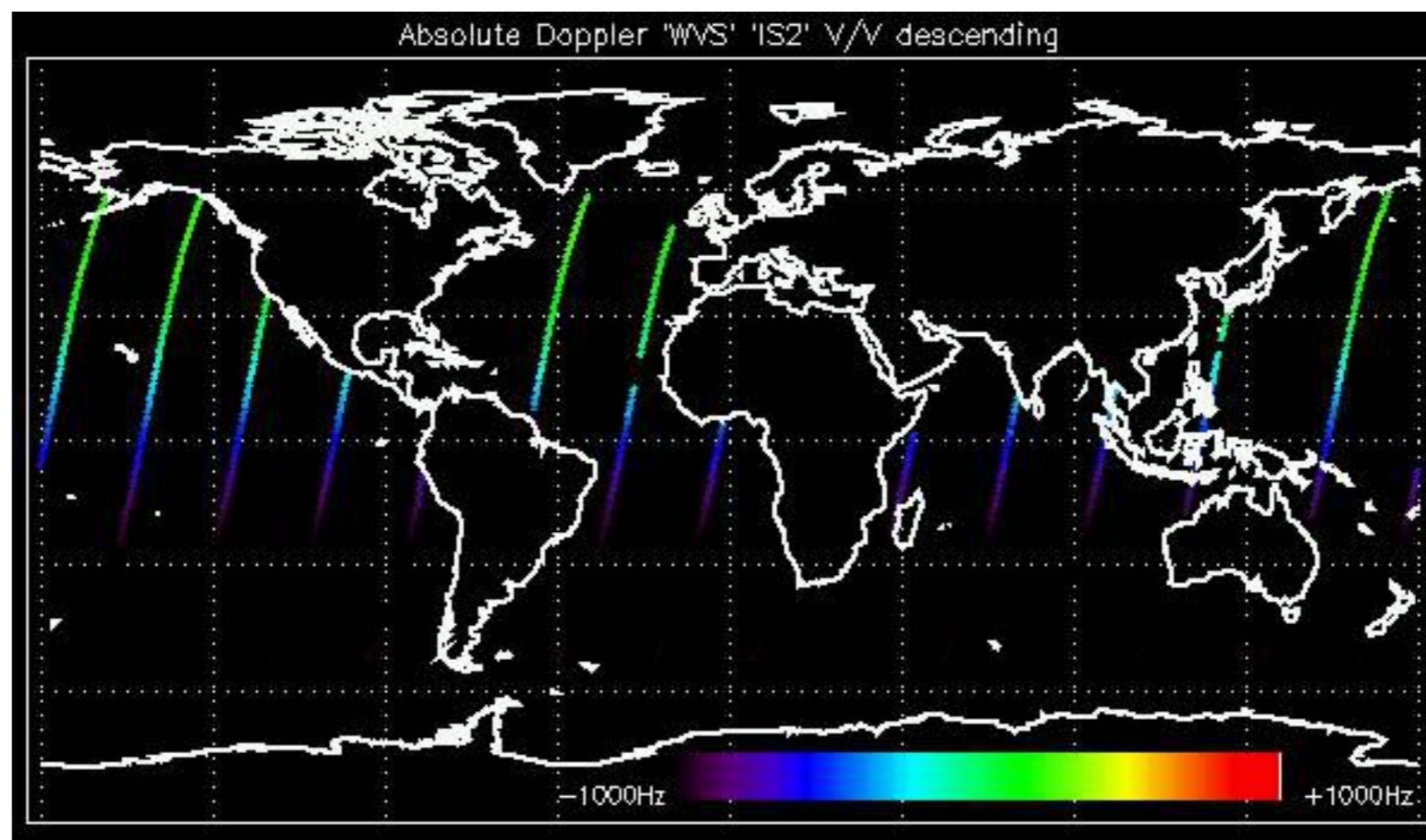
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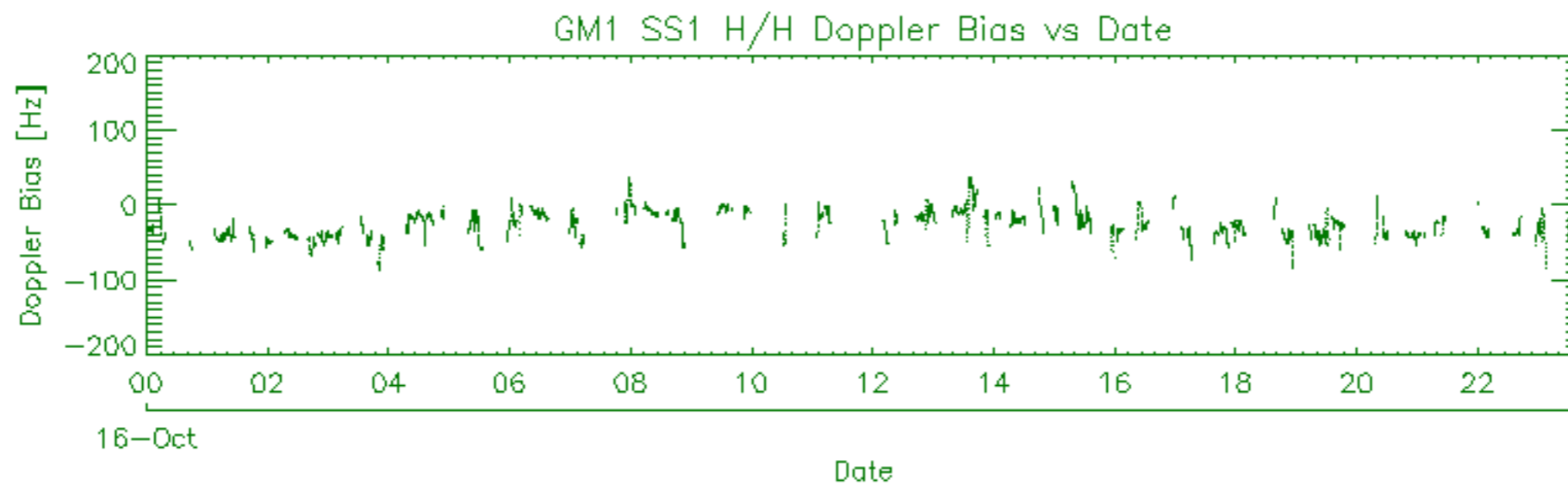
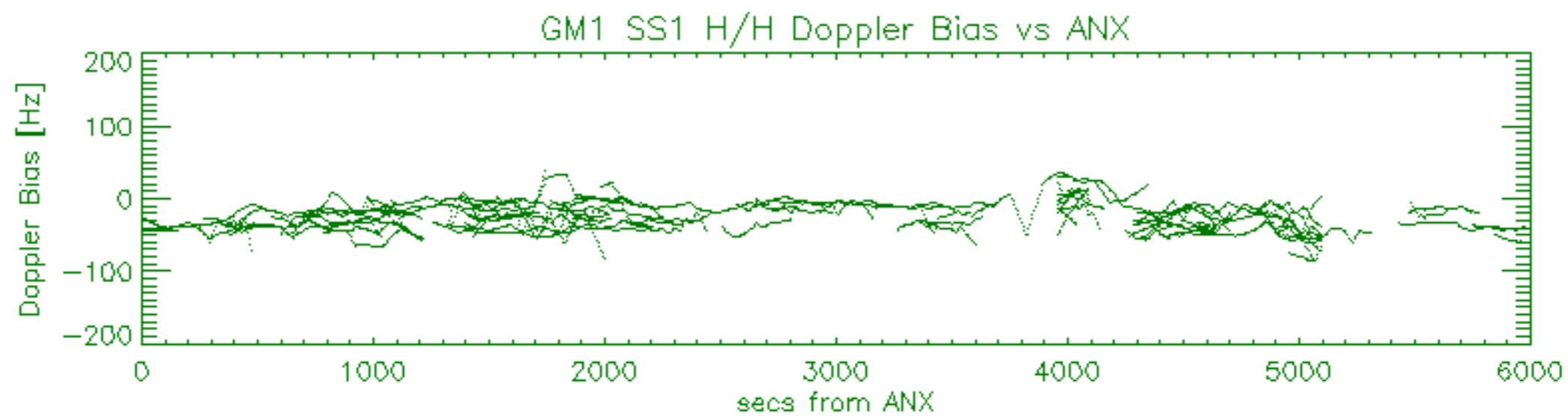
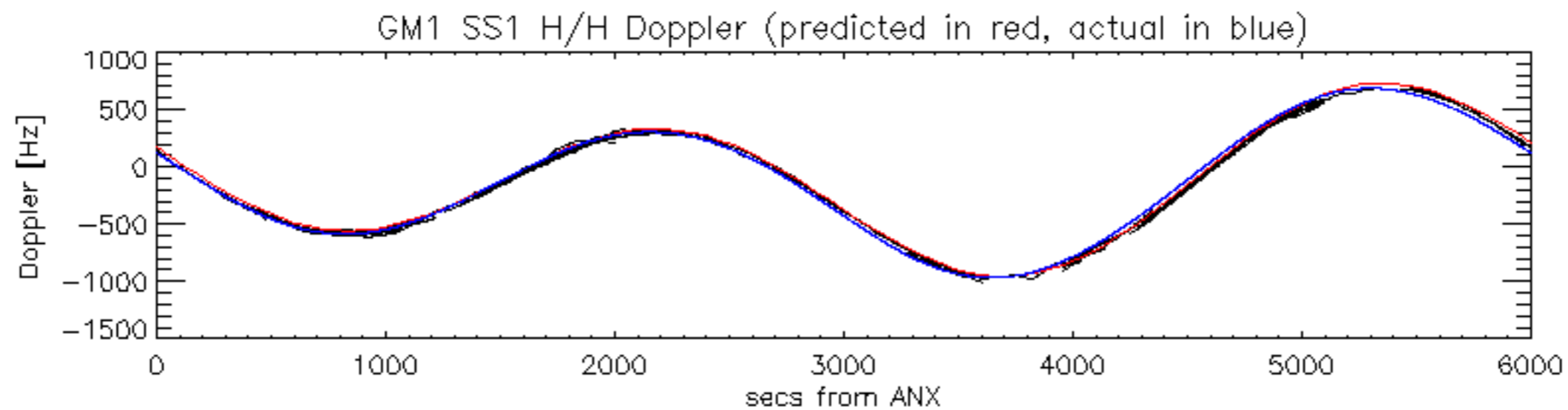
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ASA_WVS_1PNPDE20091016_003022_000003442083_00245_39878_3959.N1						IS1	V/V	83	39878	245	4.07
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ASA_WVS_1PNPDE20091016_063748_000006592083_00249_39882_4250.N1						IS2	V/V	83	39882	249	4.07
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ASA_WVS_1PNPDK20091016_082705_000004052083_00250_39883_1113.N1						IS2	V/V	83	39883	250	4.07
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ASA_WVS_1PNPDK20091016_112535_000005242083_00252_39885_1192.N1						IS2	V/V	83	39885	252	4.07
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ASA_WVS_1PNPDK20091016_130403_000008692083_00253_39886_1253.N1						IS2	V/V	83	39886	253	4.07
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ASA_WVS_1PNPDE20091016_230725_000013192083_00259_39892_4628.N1						IS2	V/V	83	39892	259	4.07
ASA_WVS_1PNPDE20091016_233532_000002102083_00259_39892_4633.N1						IS2	V/V	83	39892	259	4.07
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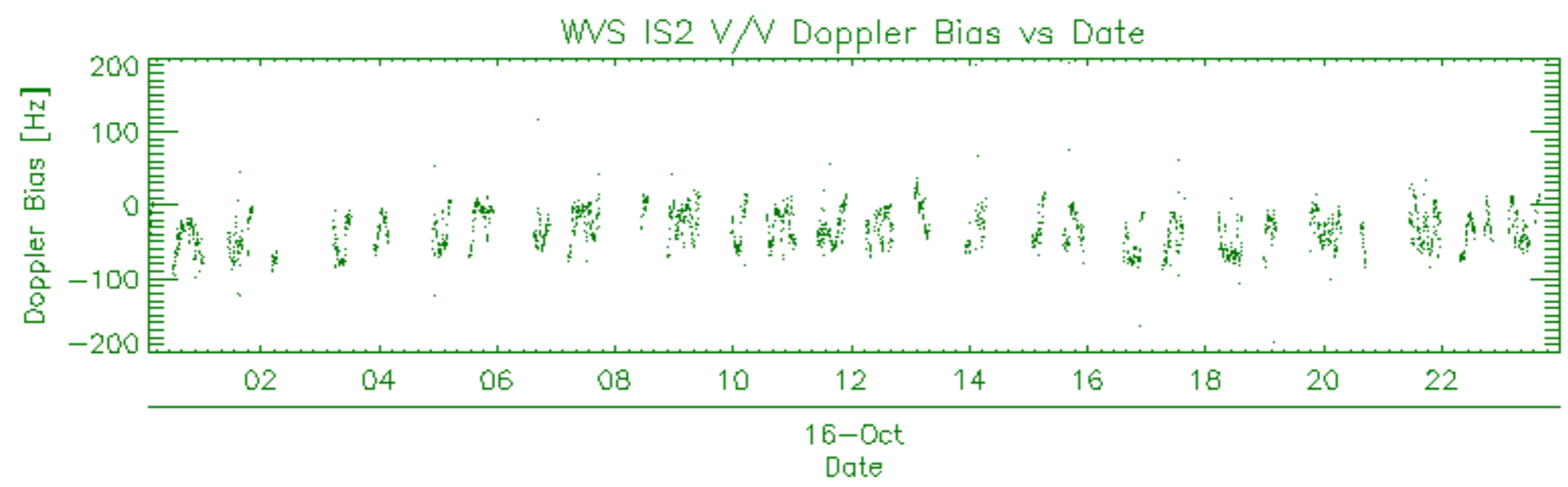
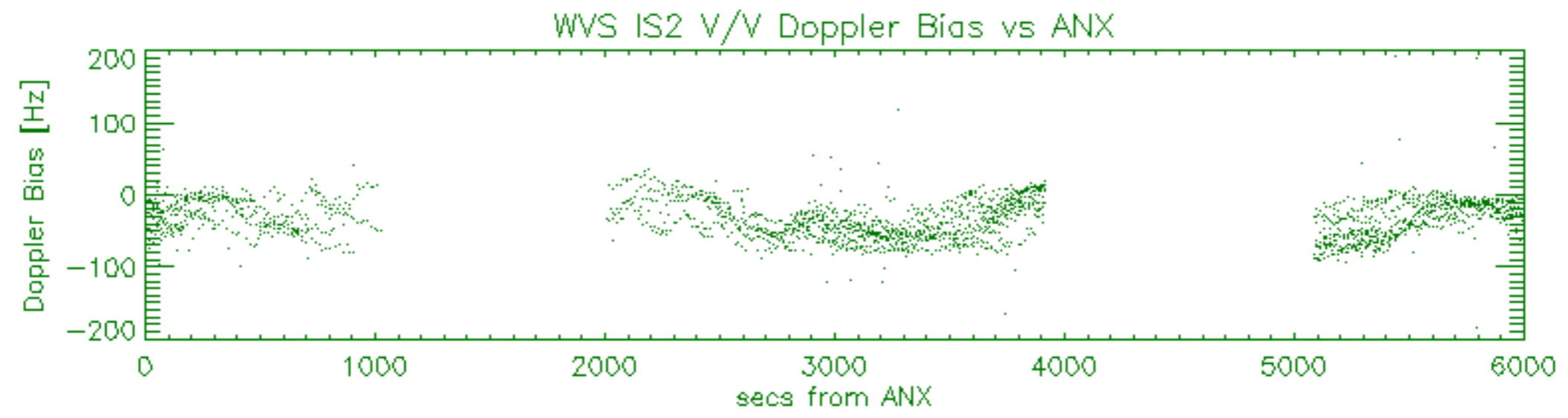
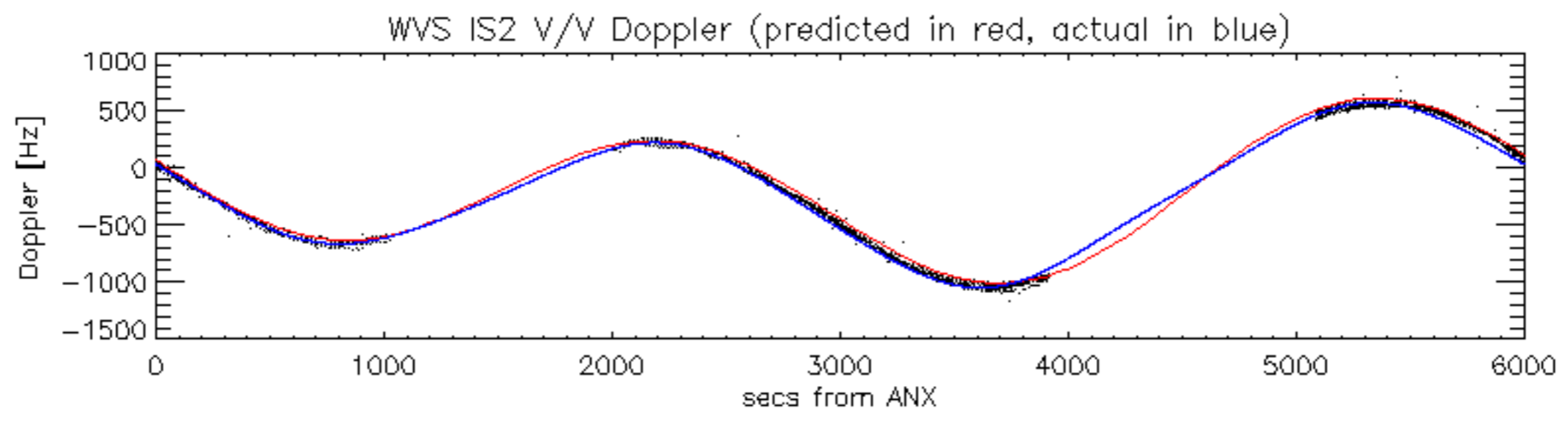


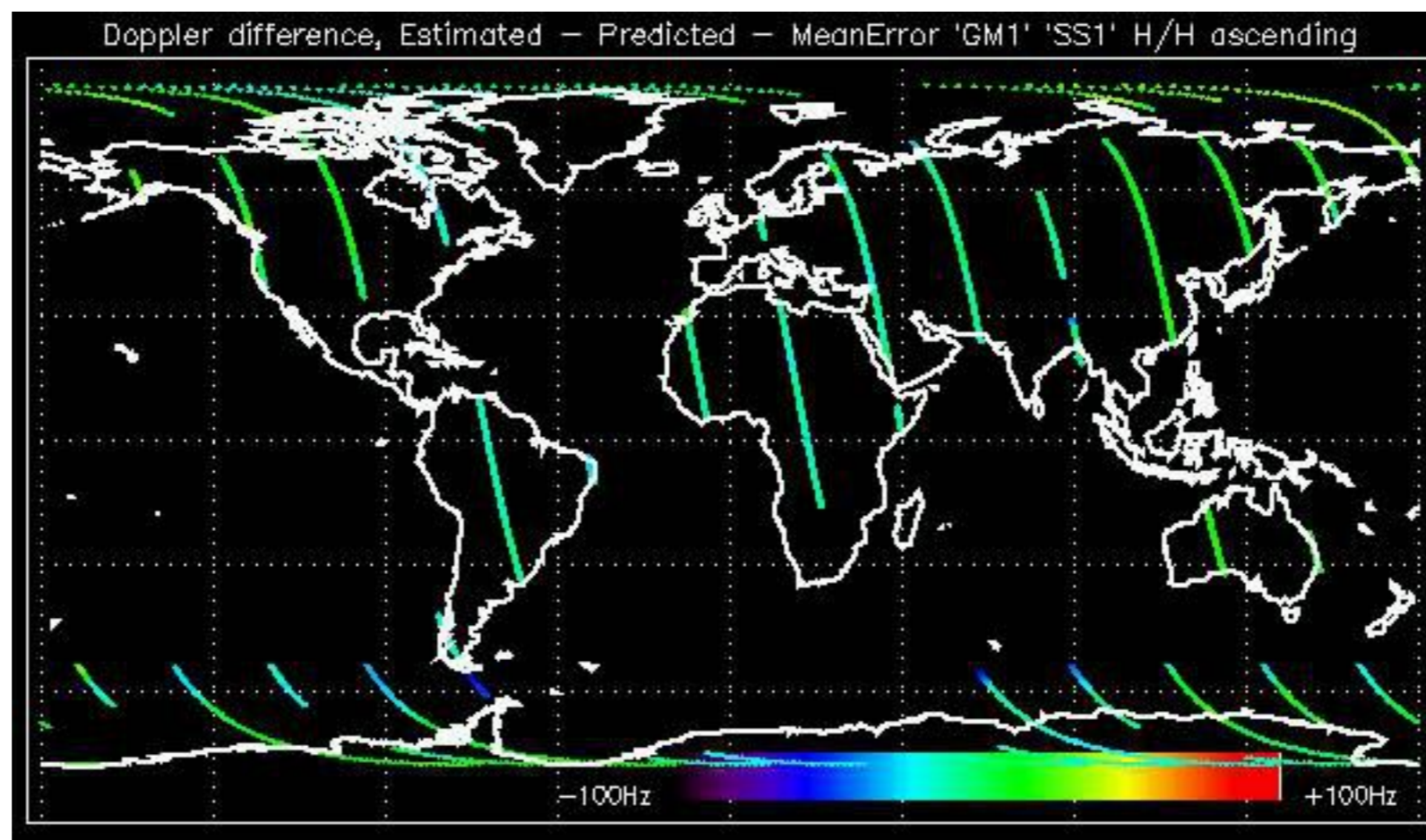


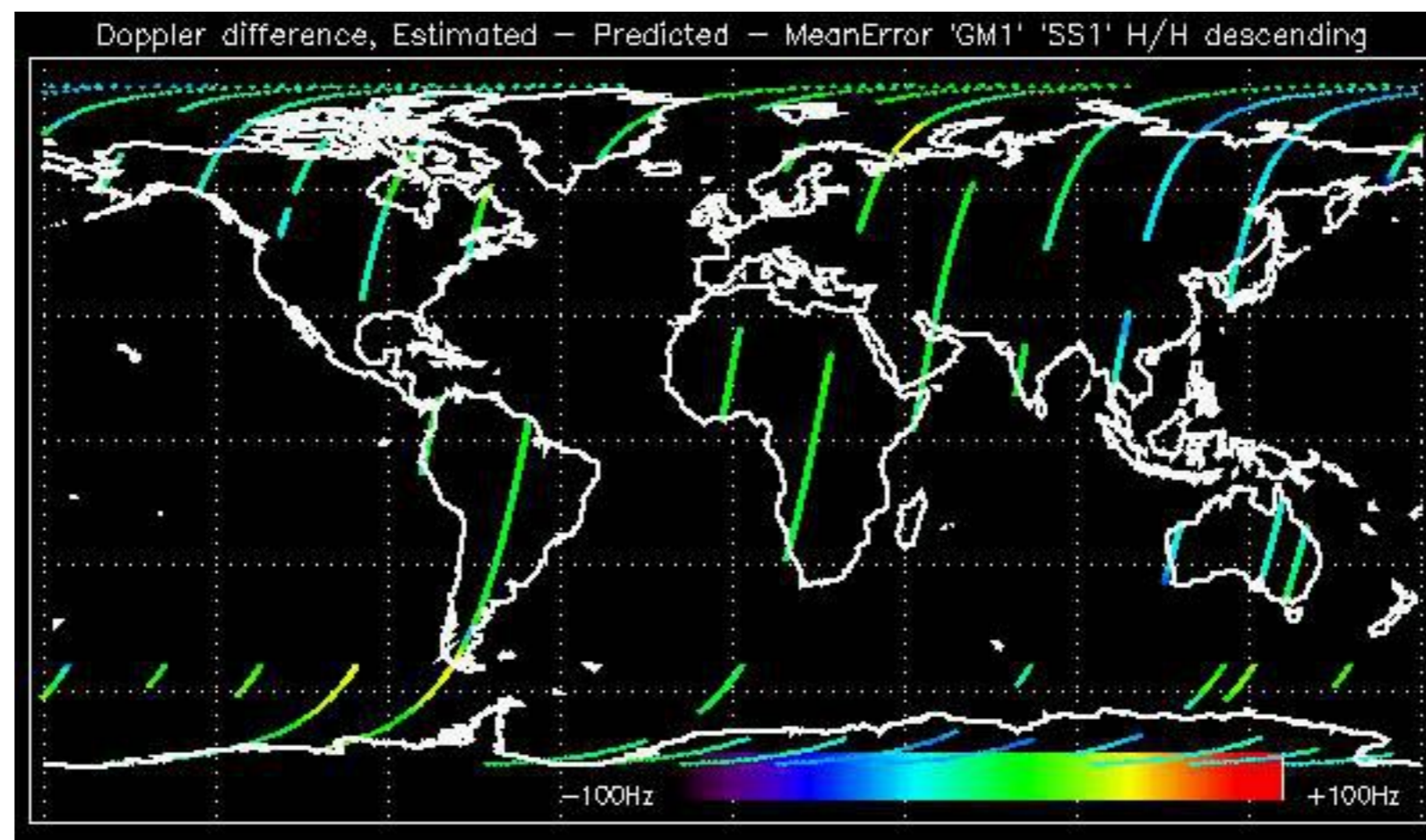


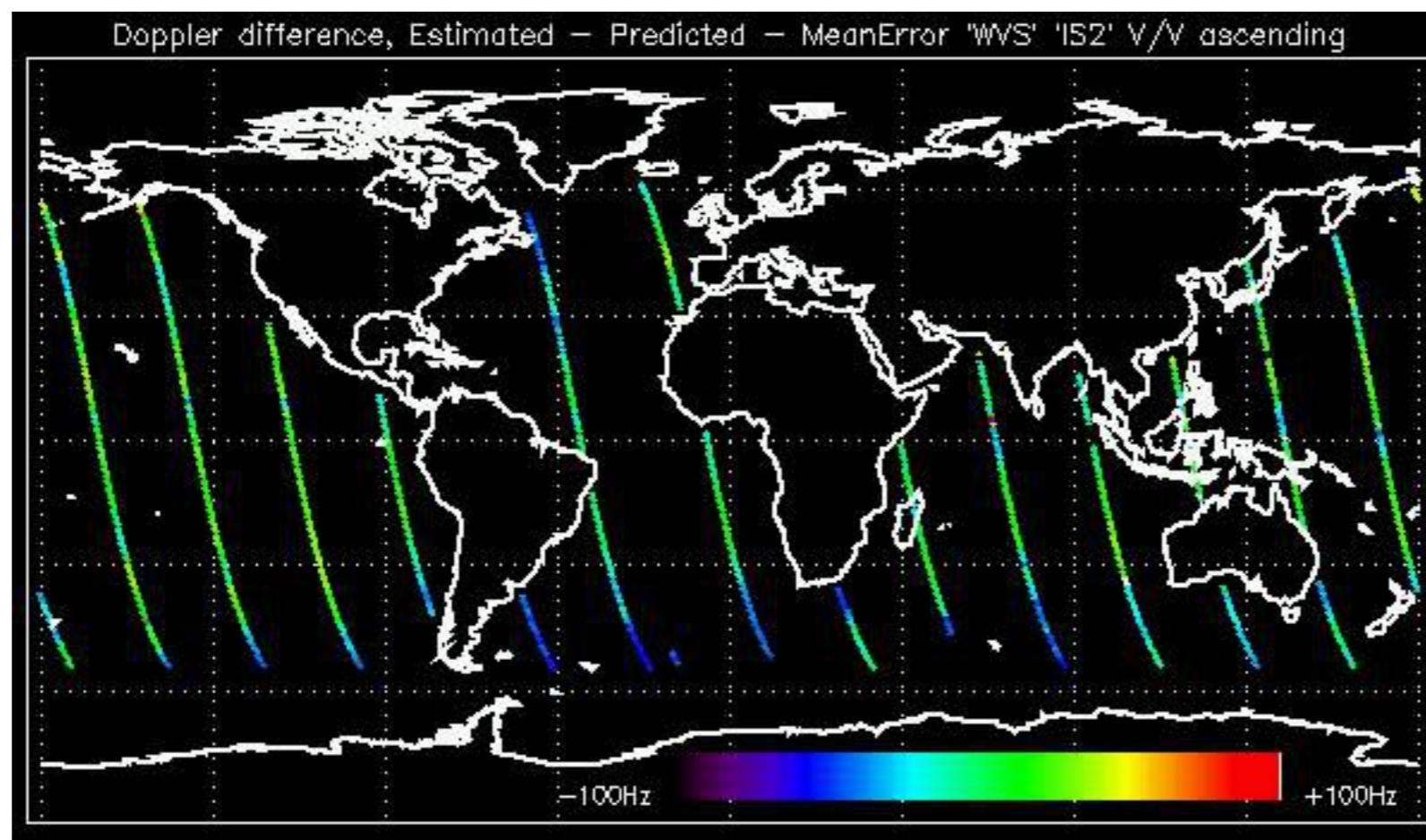


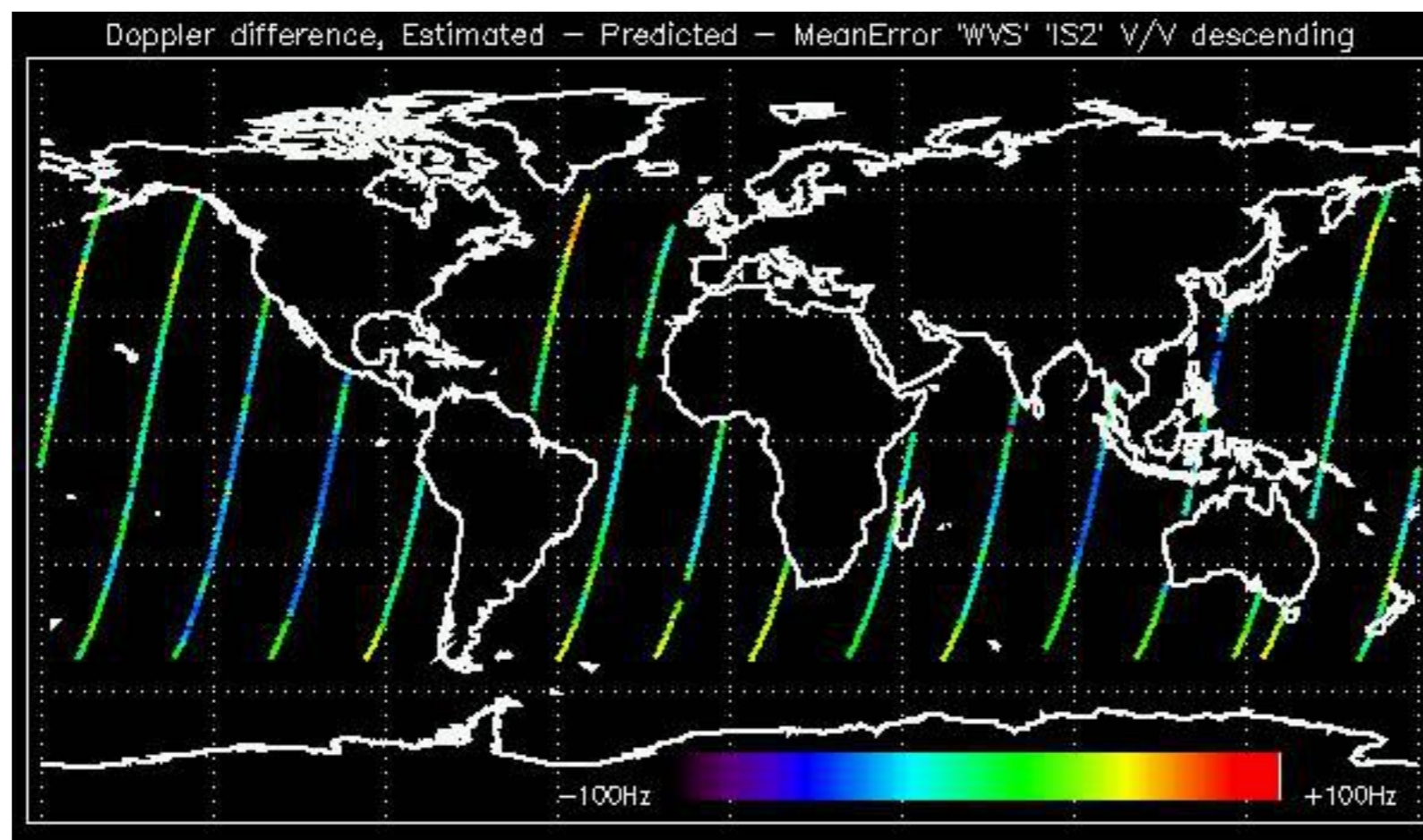


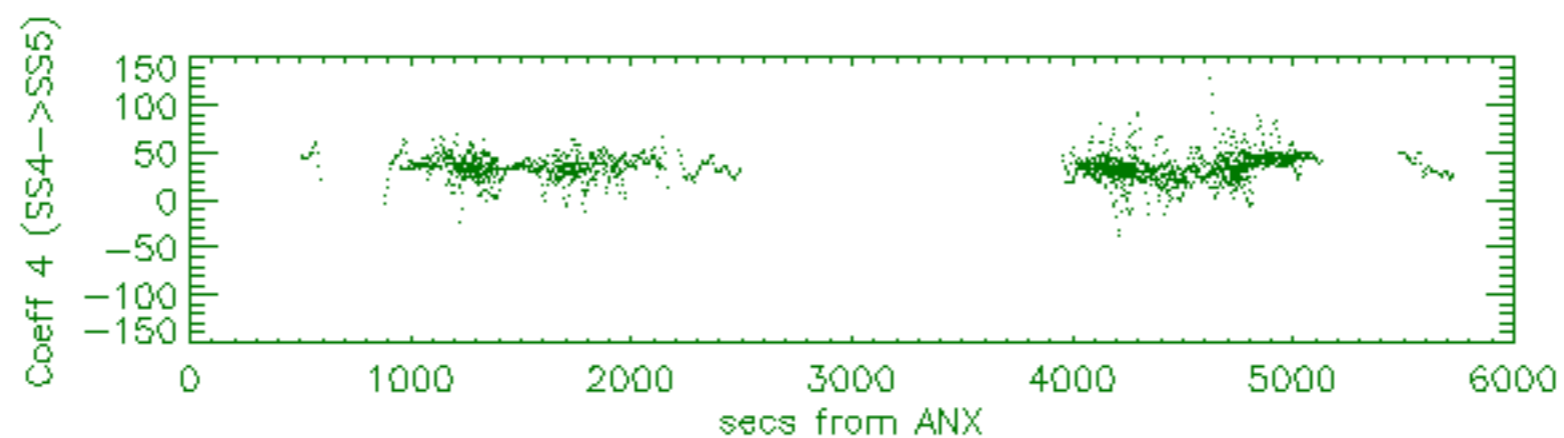
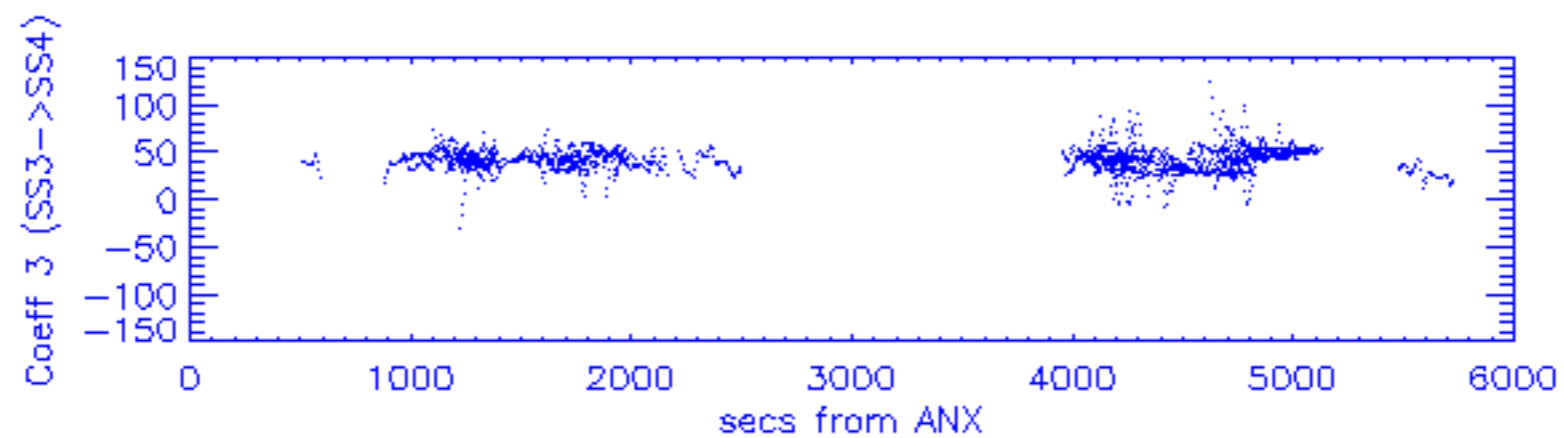
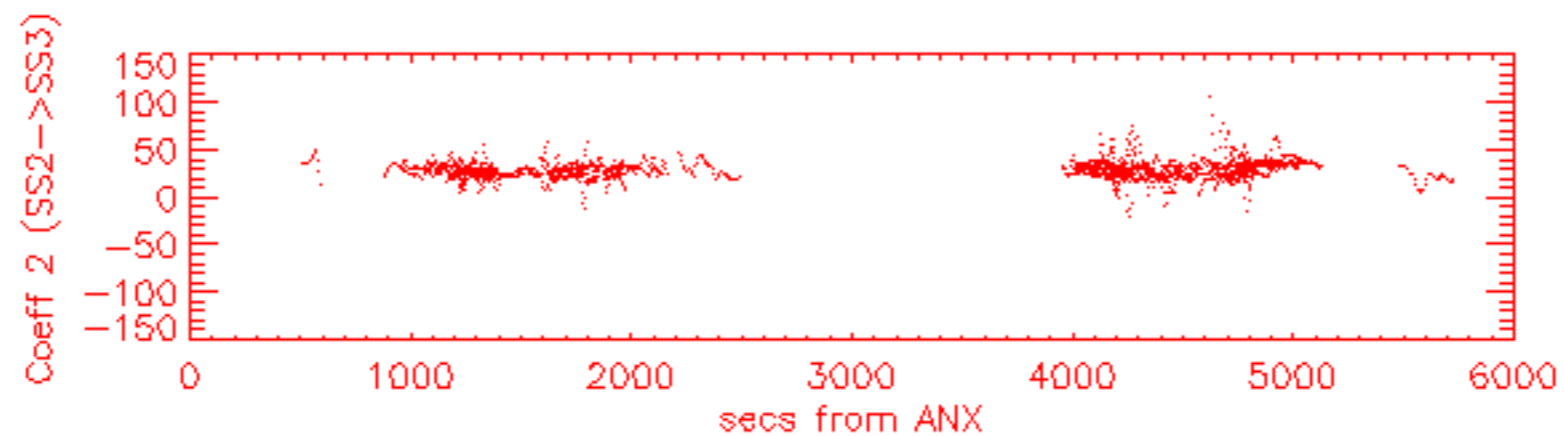
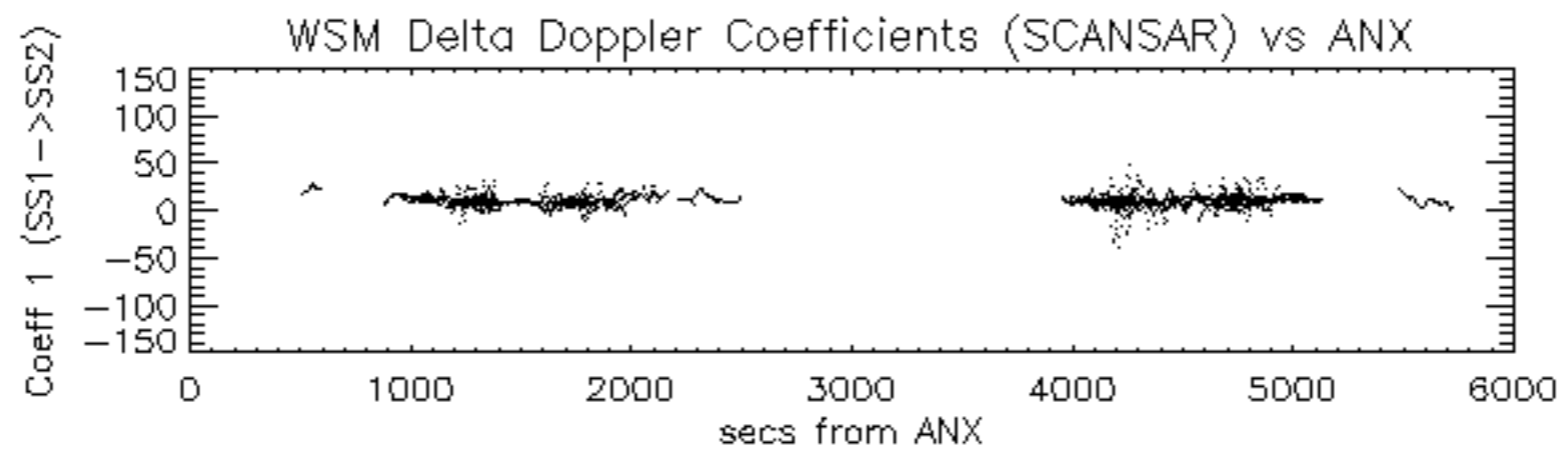


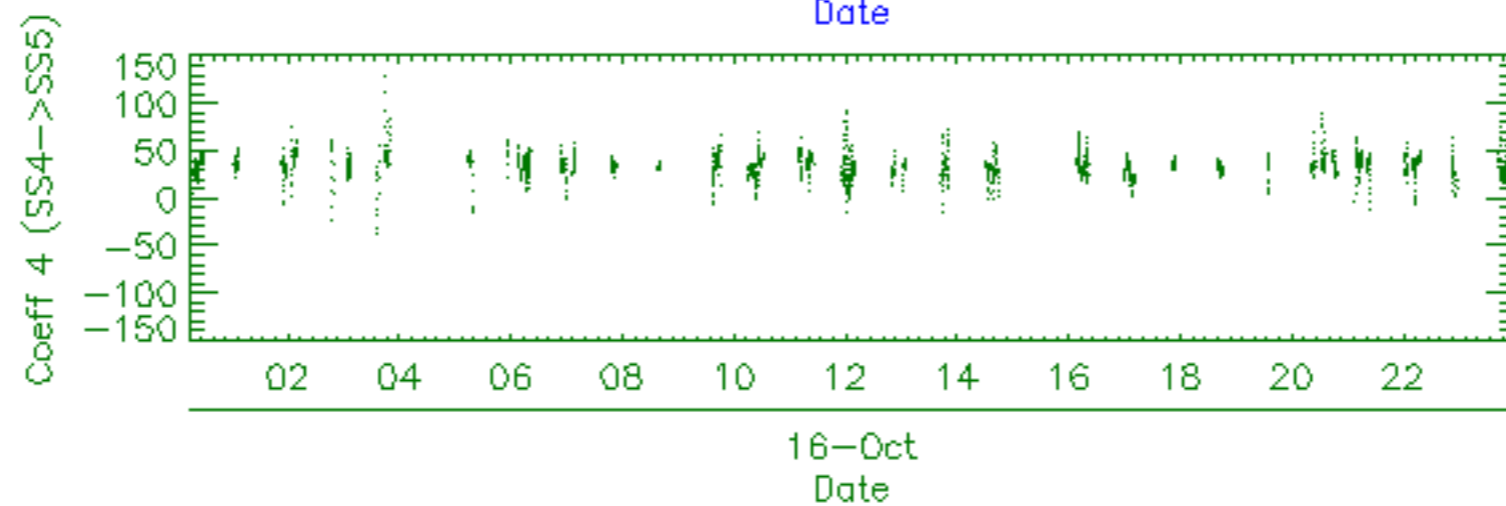
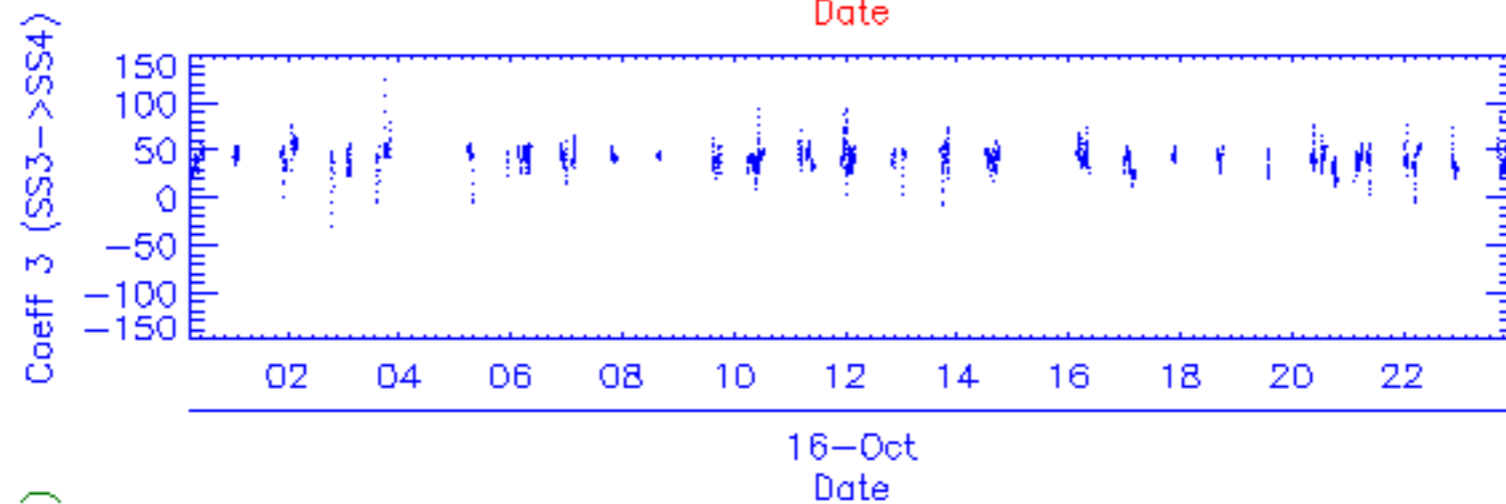
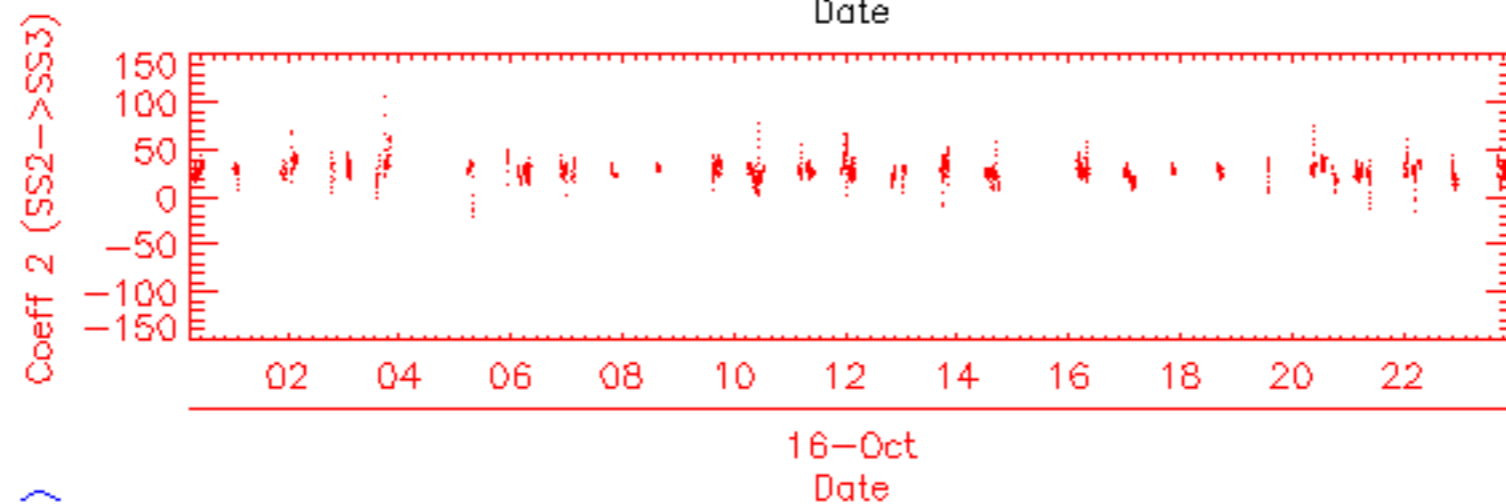
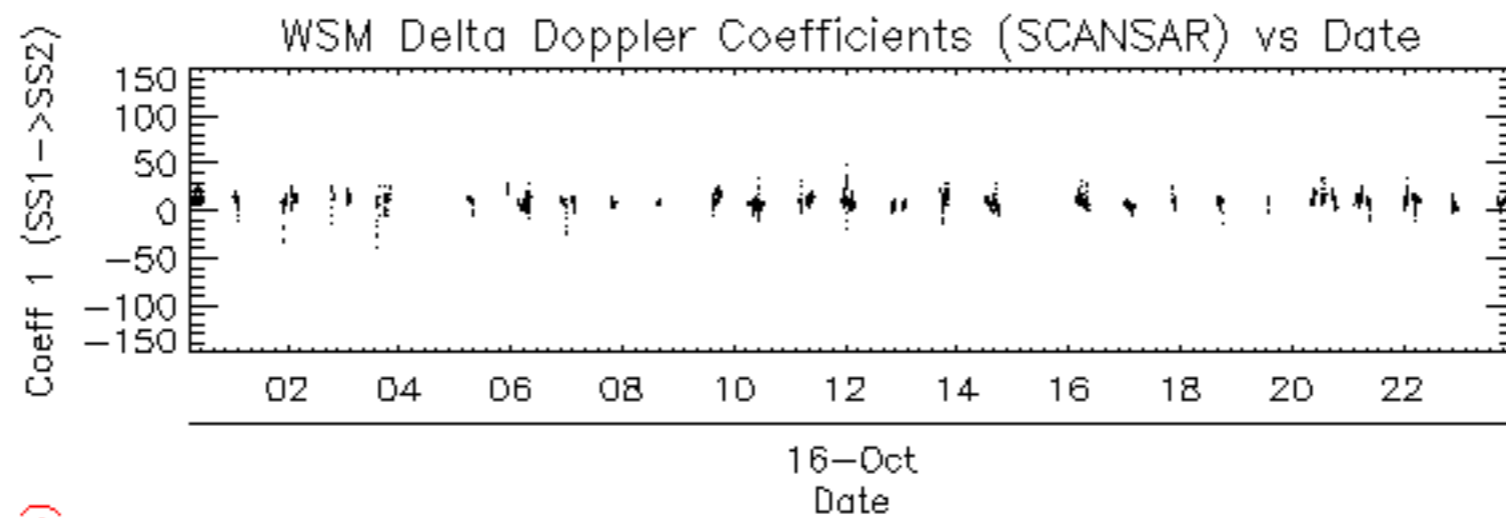


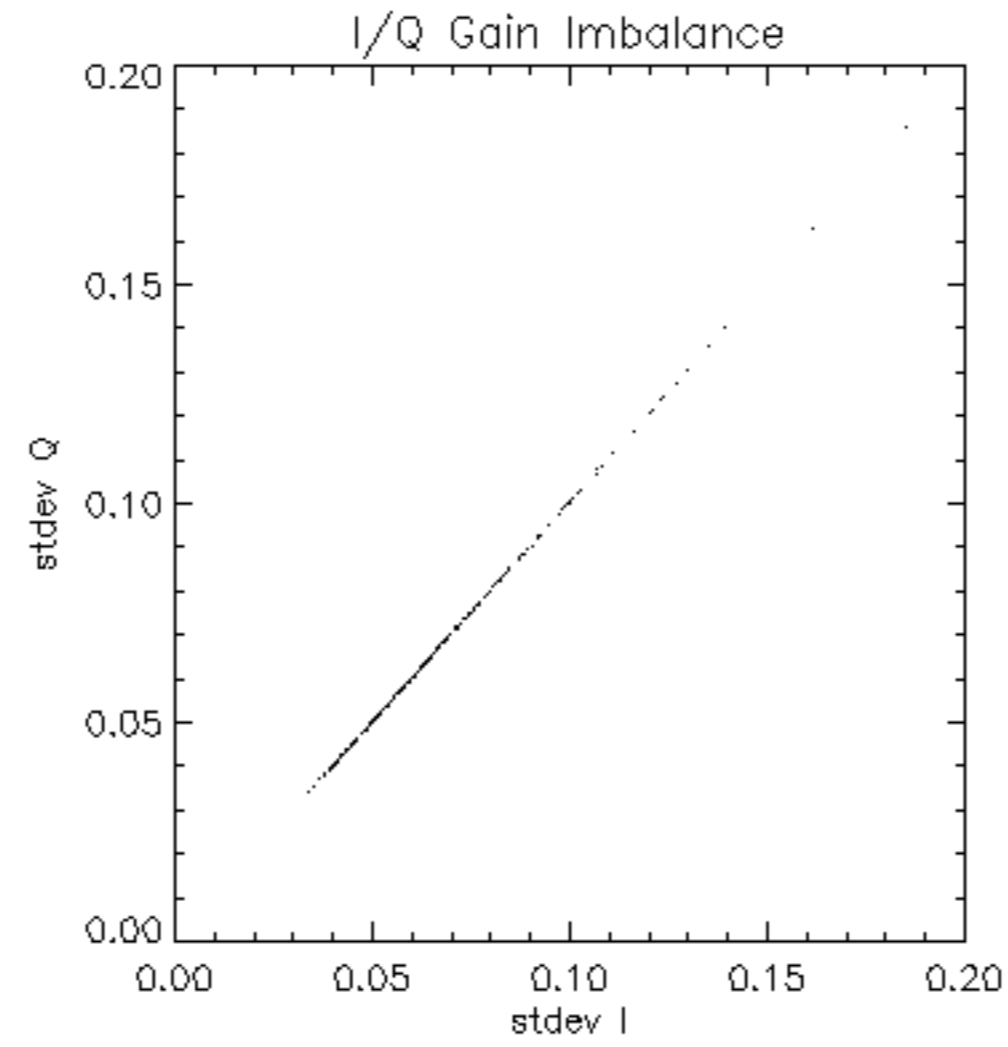


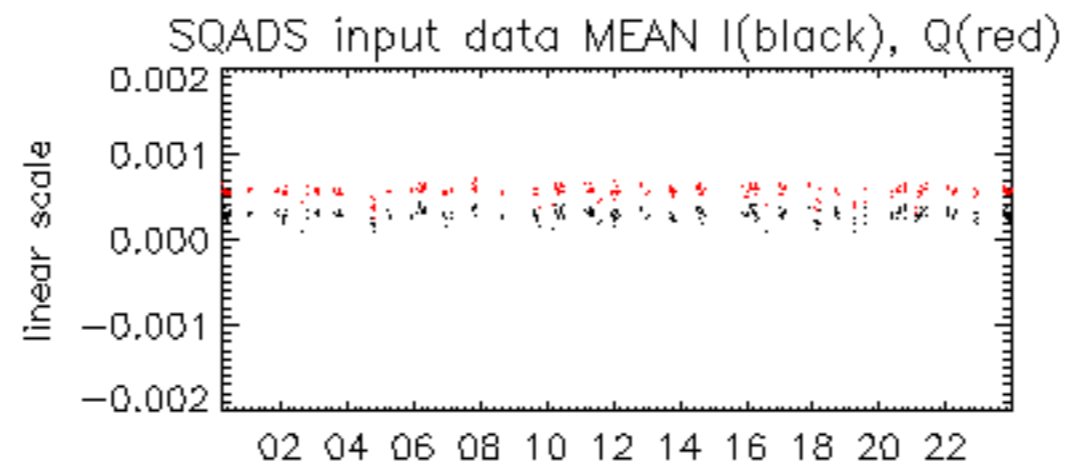




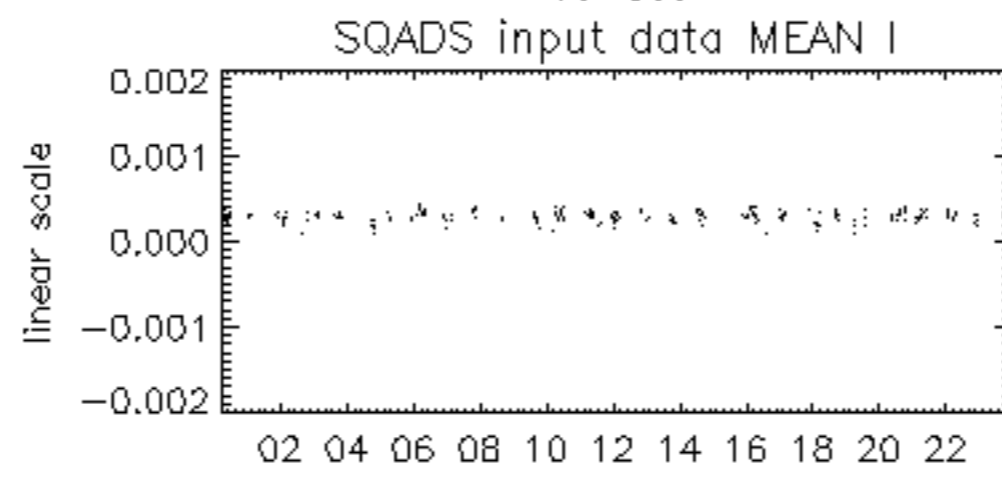




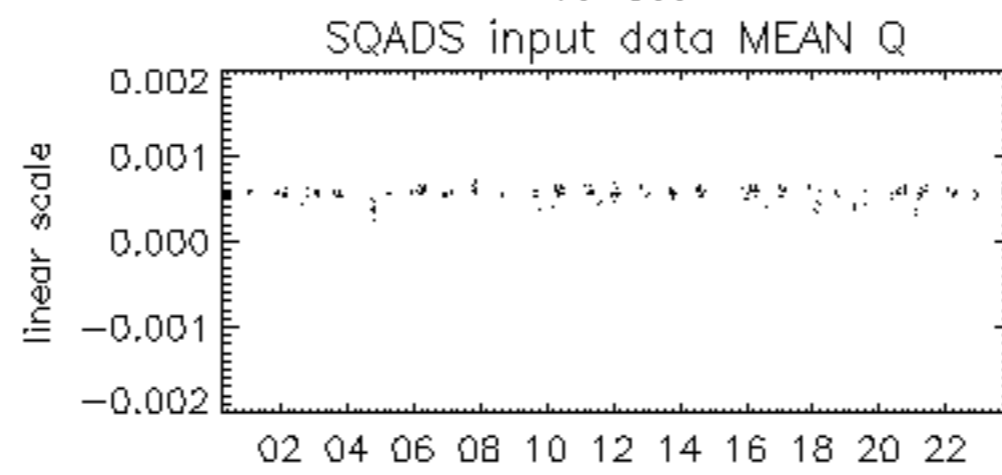




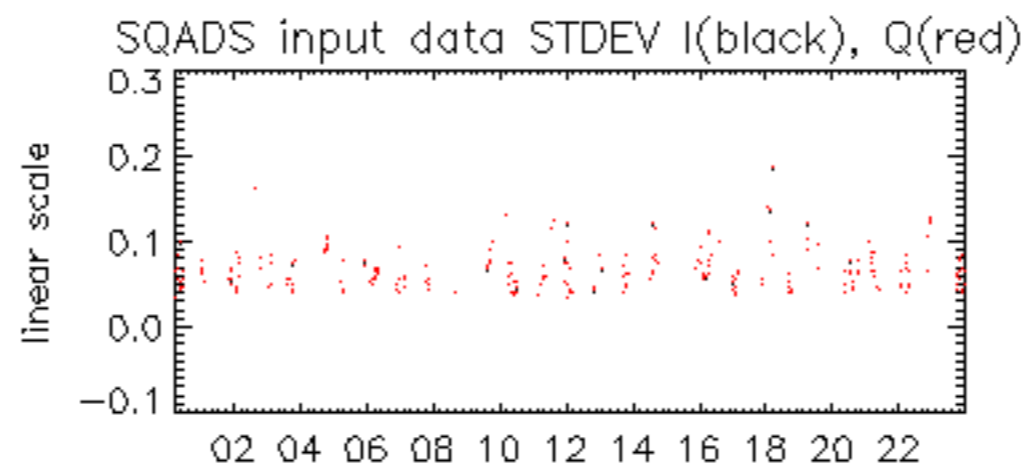
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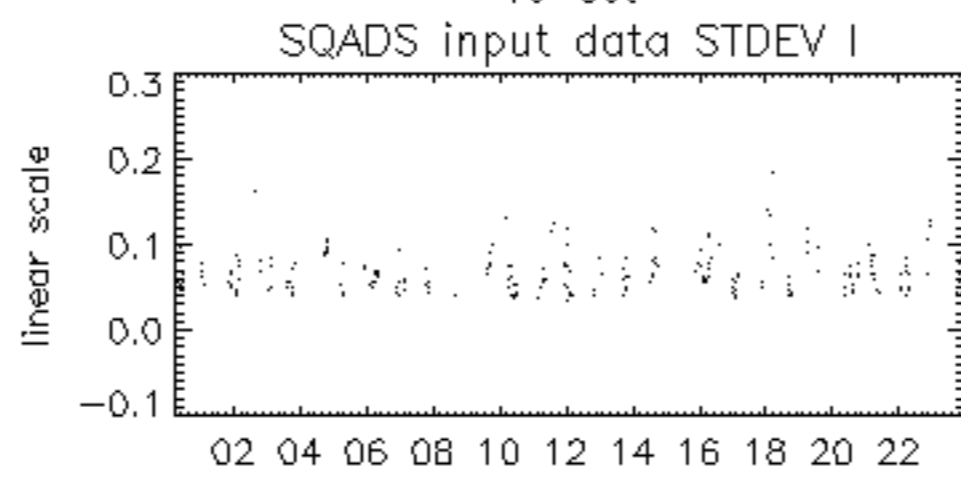
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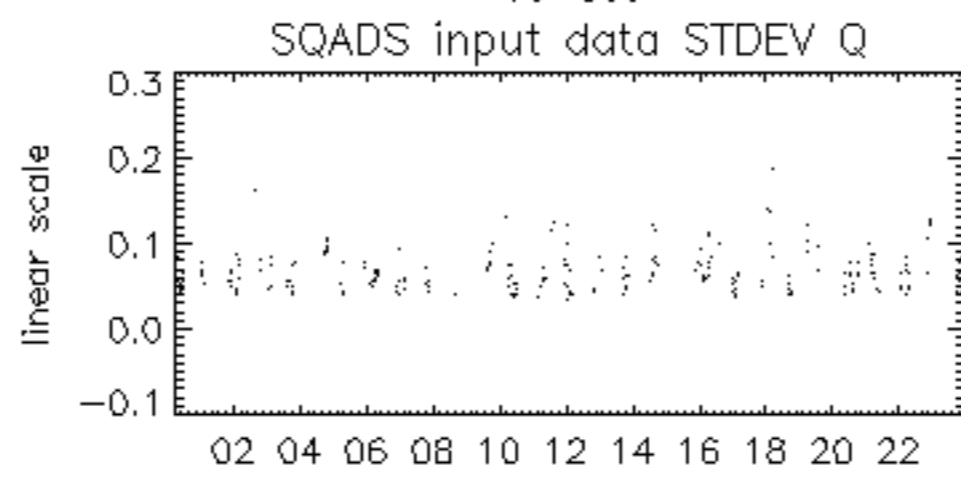
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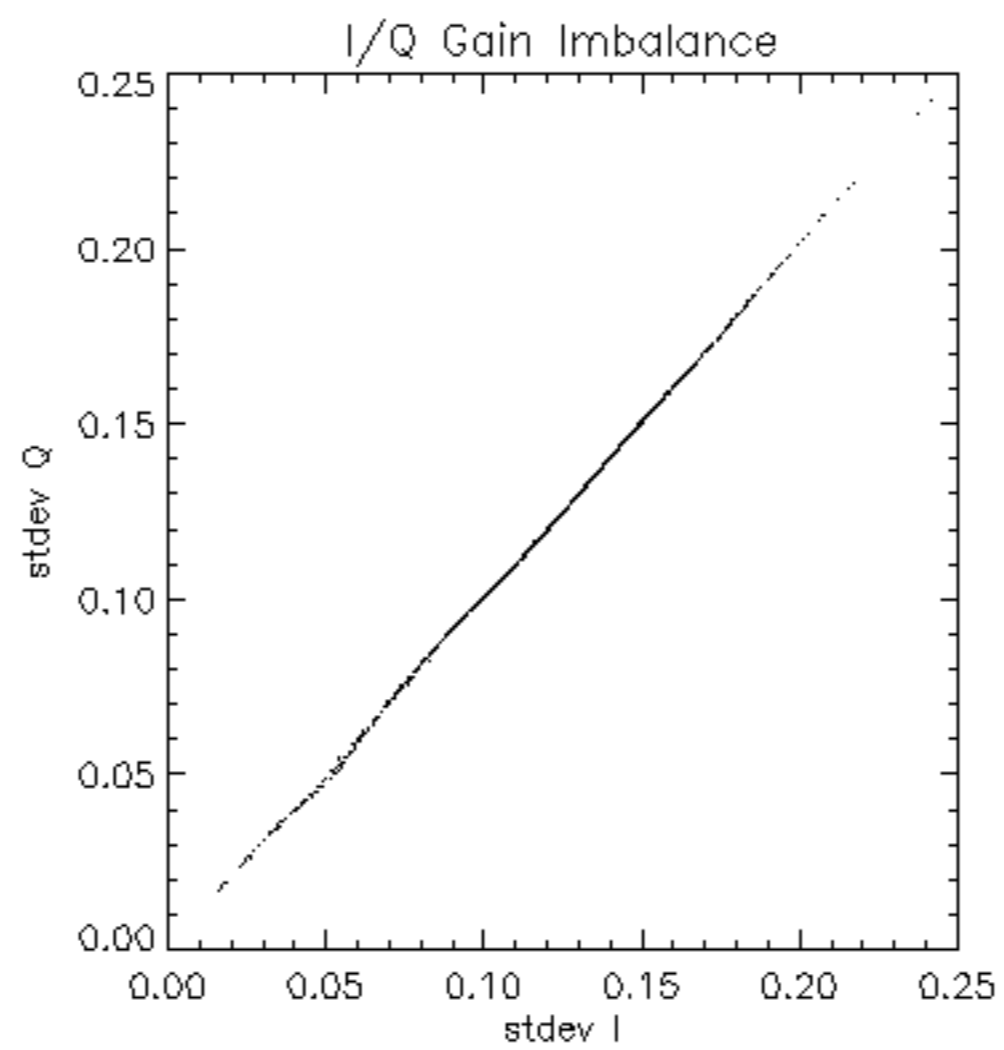
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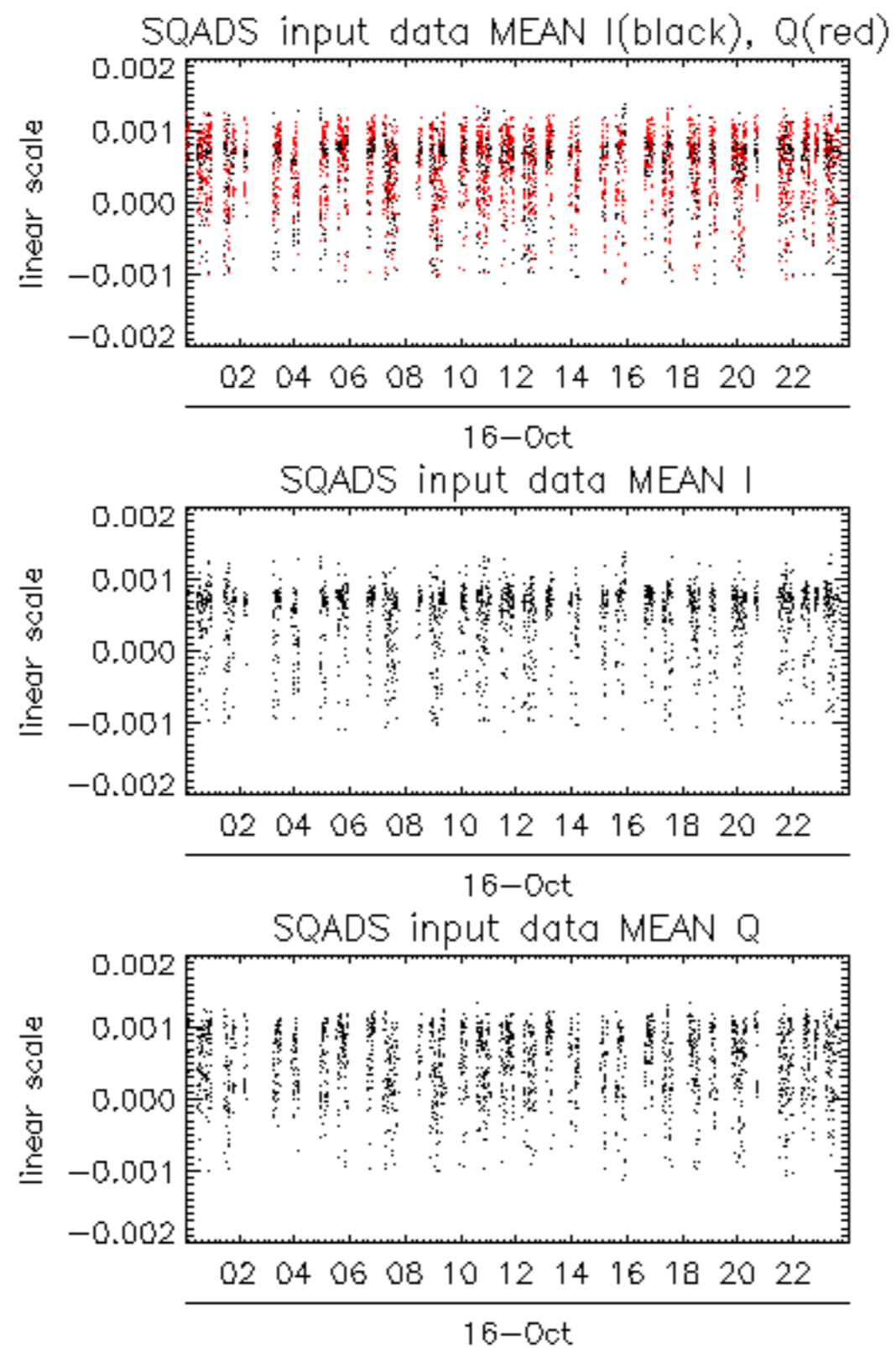


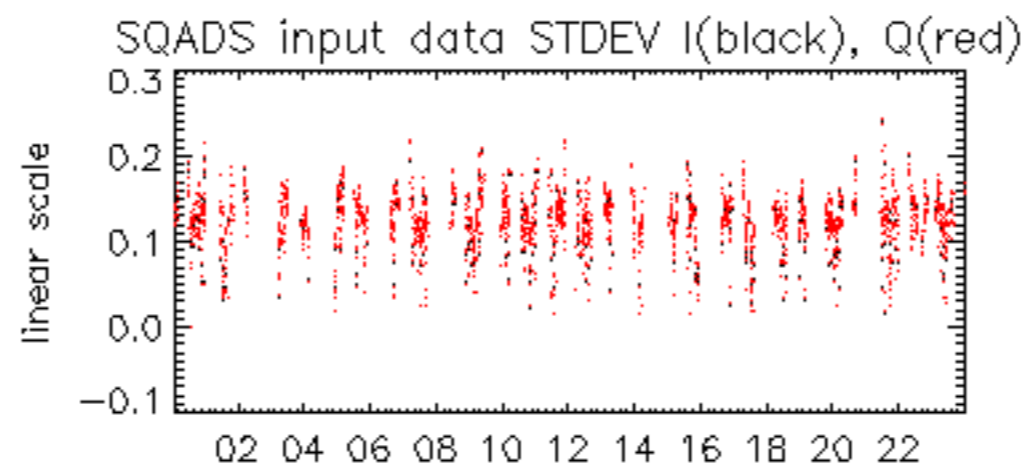
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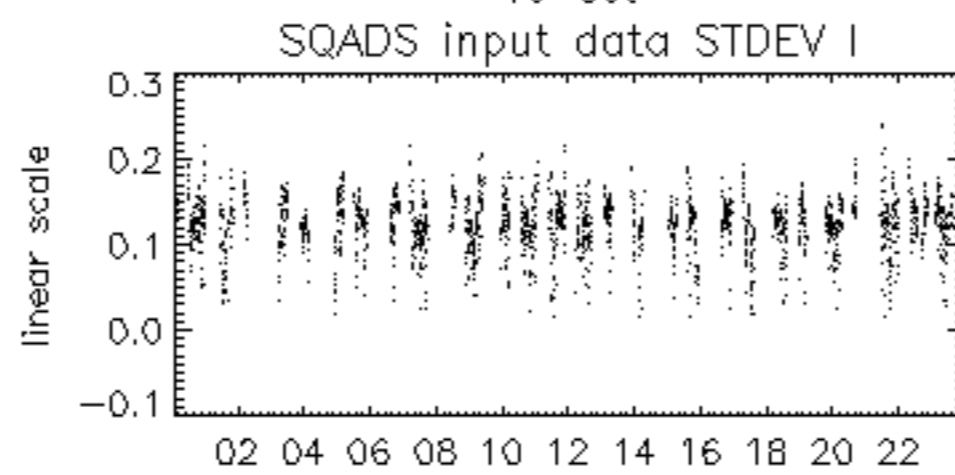
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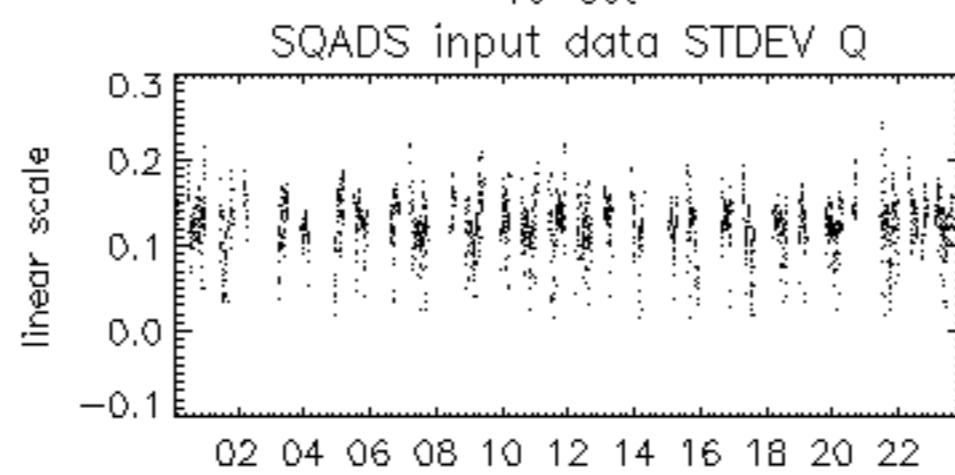




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