



Analysis from 05-SEP-2011 00:00:00 to 05-SEP-2011 23:59:59. Page generated on 06-SEP-2011 07:32:43.  
View log file: ASAR\_Daily\_Report\_20110906\_0731.log. For any anomalies please contact emma.griffiths@vegaspace.com, kajal.haria@vegaspace.com.

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

## SUMMARY

1. DATA SUMMARY
  - 1.1 Summary tables
  - 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
  - 3.1 V/V polarisation
  - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
  - 4.1 Analysis for WVS IS2 V/V
    - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
    - 4.1.2 All Rows Analysis for WVS IS2 V/V
  - 4.2 Analysis for GM1 SS3 H/H
    - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
    - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
  - 5.1 Analysis for WVS IS2 V/V
    - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
    - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
  - 5.2 Analysis for GM1 SS1 H/H
    - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
    - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
  - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
  - 6.1 Analysis for WSM SS1 H/H
    - 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 ]

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	4	PDE	WS	H/H	30	PDE	IS1	V/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	28	PDK	2011-09-05 15:12:57	H	320
PDE	IS2	V/V	25	PDK	WS	H/H	52	PDE	IS4	V/H	2	PDE	IS1	V/V	1	PDE	WS	V/V	4	PDK	2011-09-05 16:53:11	V	320
PDK	IS2	V/V	23					PDK	IS4	H/H	1	PDE	IS2	H/H	2	PDK	WS	H/H	13				
								PDK	IS4	V/H	1	PDE	IS4	H/H	1	PDK	WS	V/V	3				
												PDE	IS6	H/H	6								
												PDK	IS6	H/H	1								

## 1.2 - Lists of products used

[ BACK TO MENU ]

[TXT] [XLS] List\_WVS\_products\_used  
 [TXT] [XLS] List\_GM1\_products\_used  
 [TXT] [XLS] List\_APM\_products\_used  
 [TXT] [XLS] List\_IMM\_products\_used  
 [TXT] [XLS] List\_WSM\_products\_used  
 [TXT] [XLS] List\_MS\_products\_used

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ BACK TO MENU ]

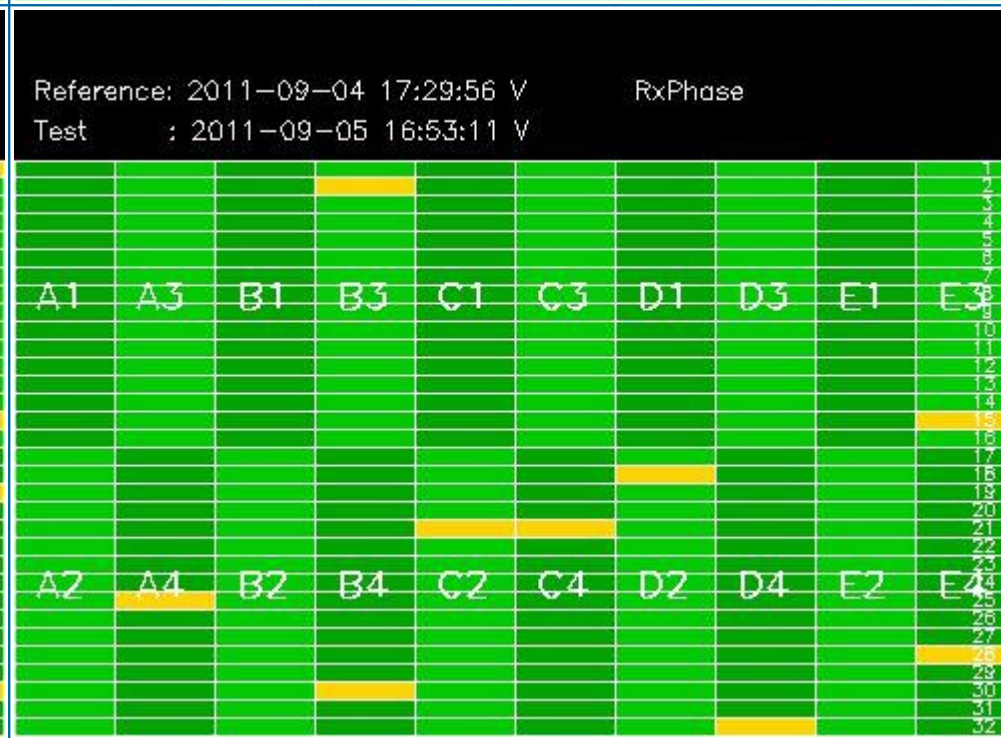
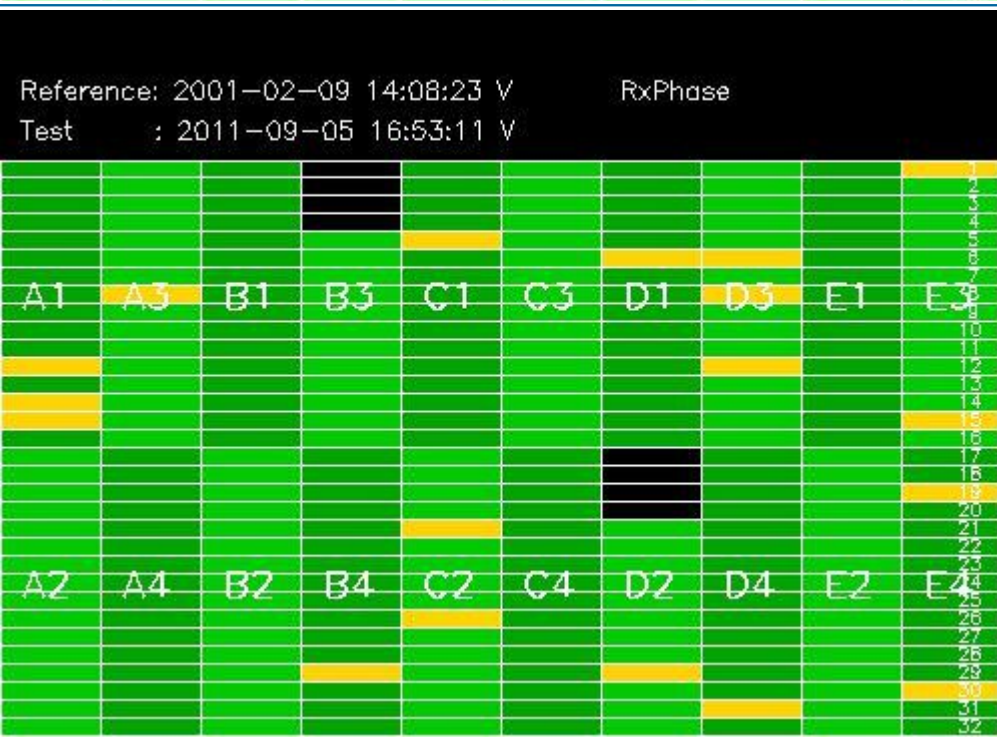
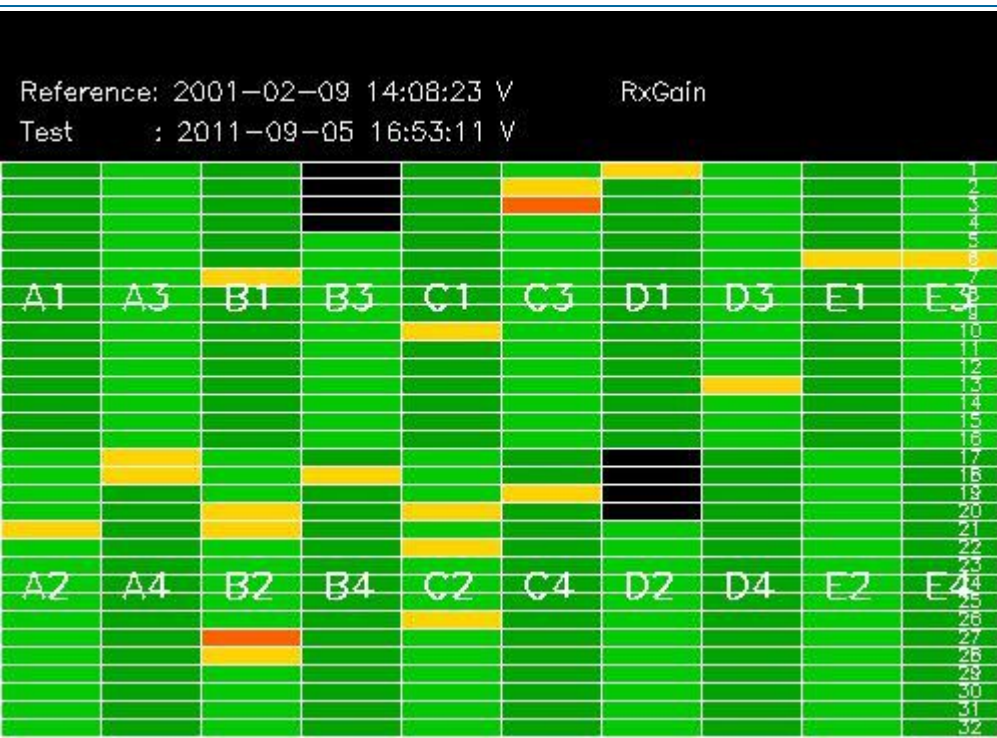
No IECF ADFs list available
-----------------------------

### 2.2 - Products with wrong ADFs

[ BACK TO MENU ]

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation





### 3.2 - H/H polarisation

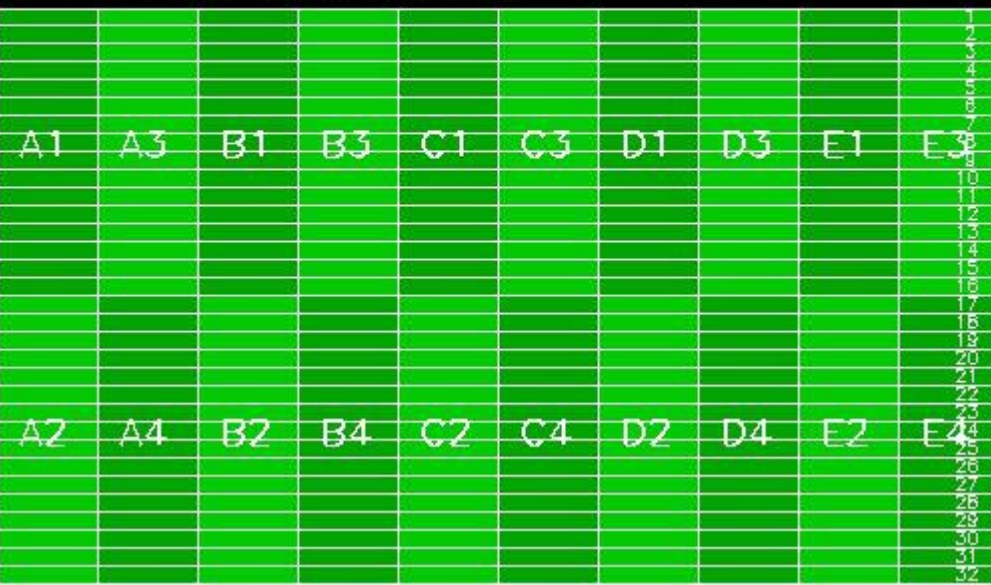
[ [BACK TO MENU](#) ]

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

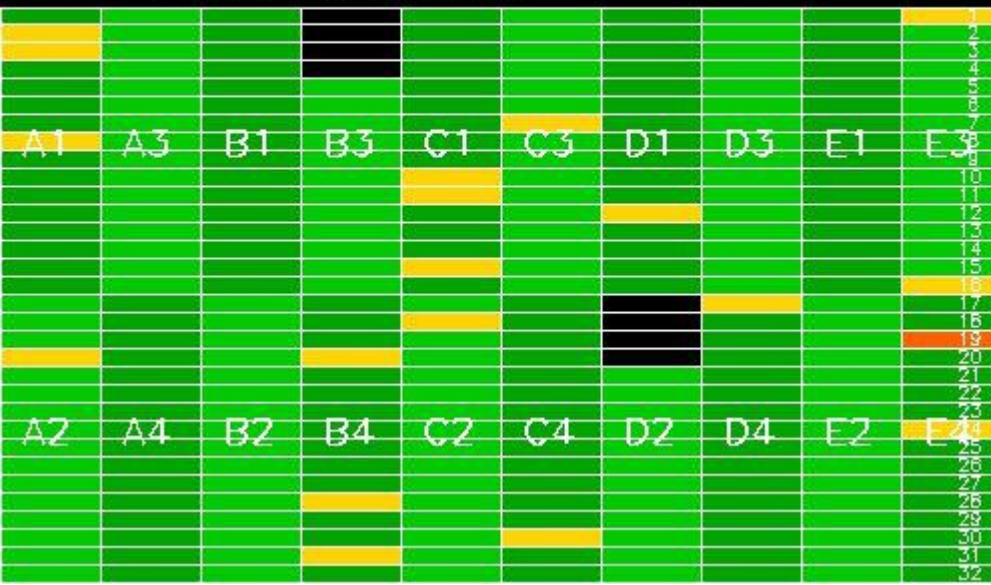
Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-09-05 15:12:57 H



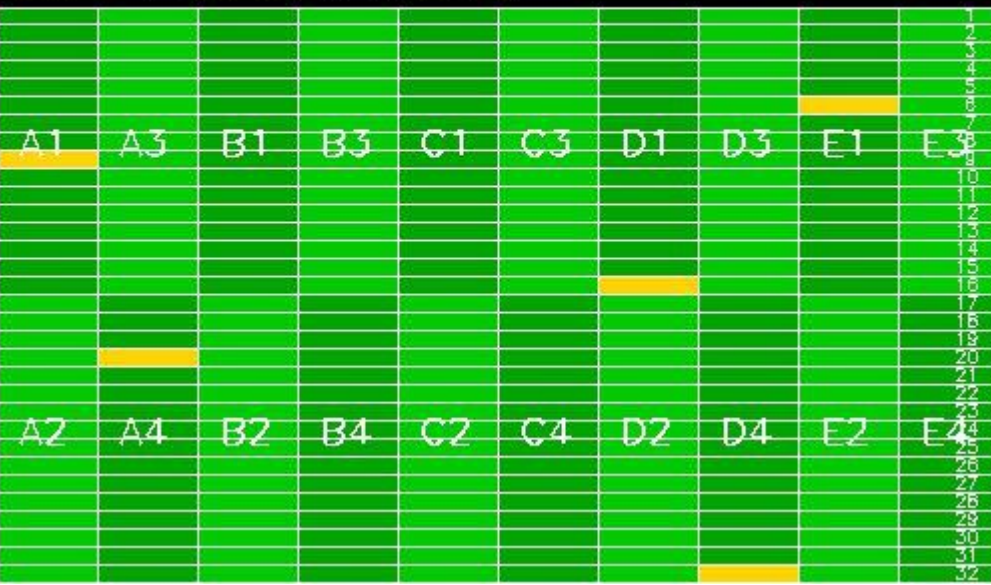
Reference: 2011-09-04 15:49:42 H RxGain  
 Test : 2011-09-05 15:12:57 H

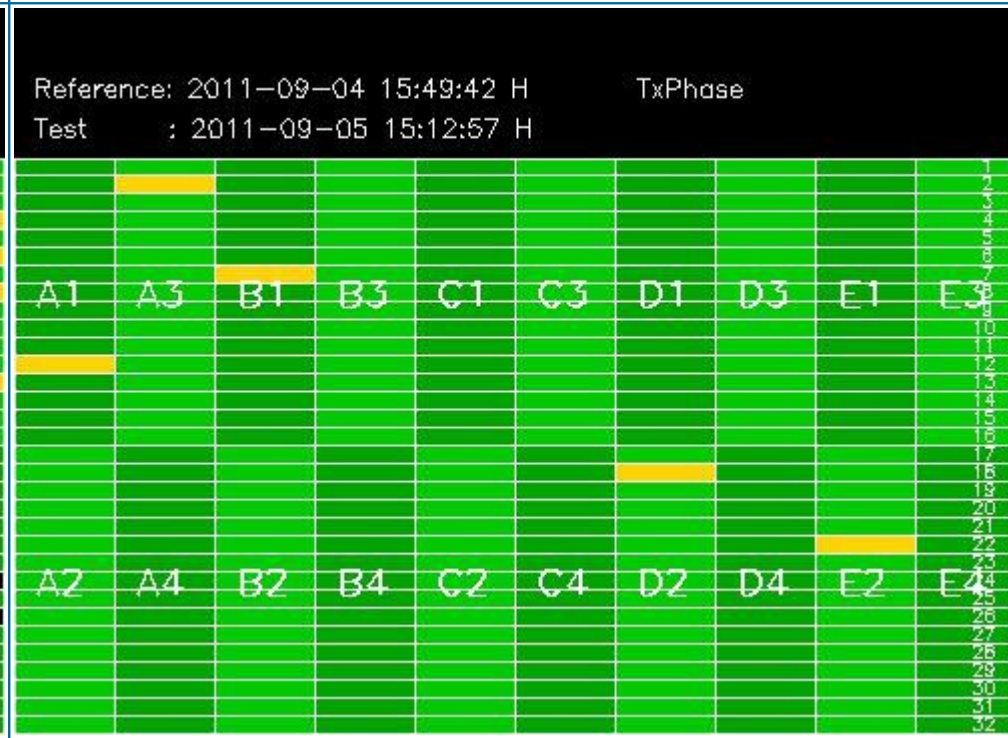
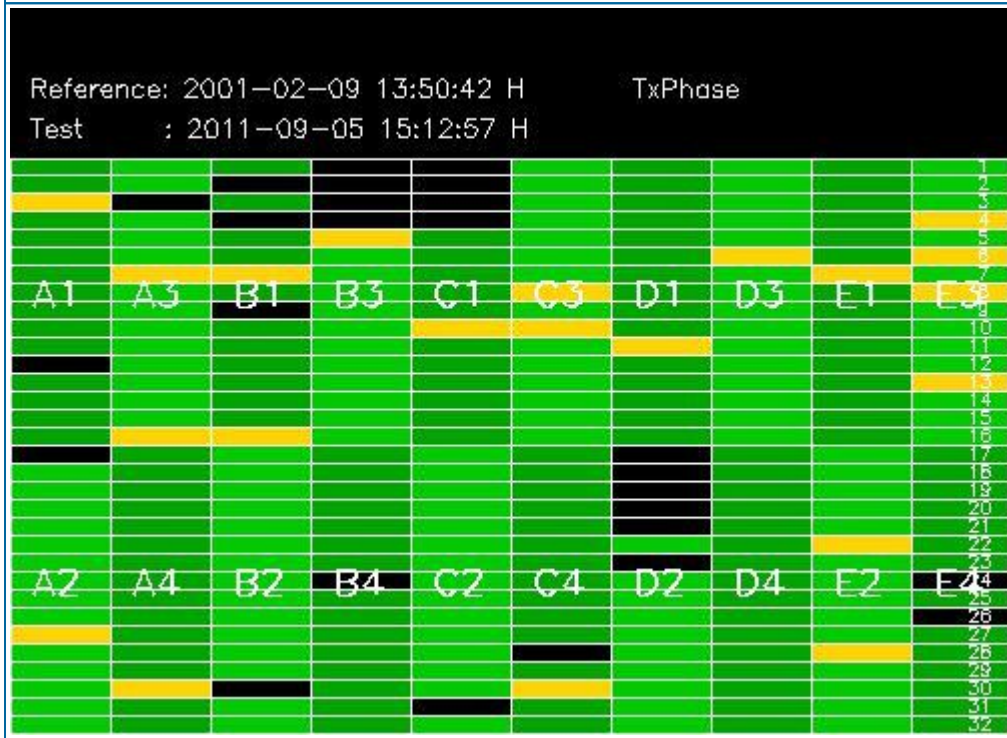
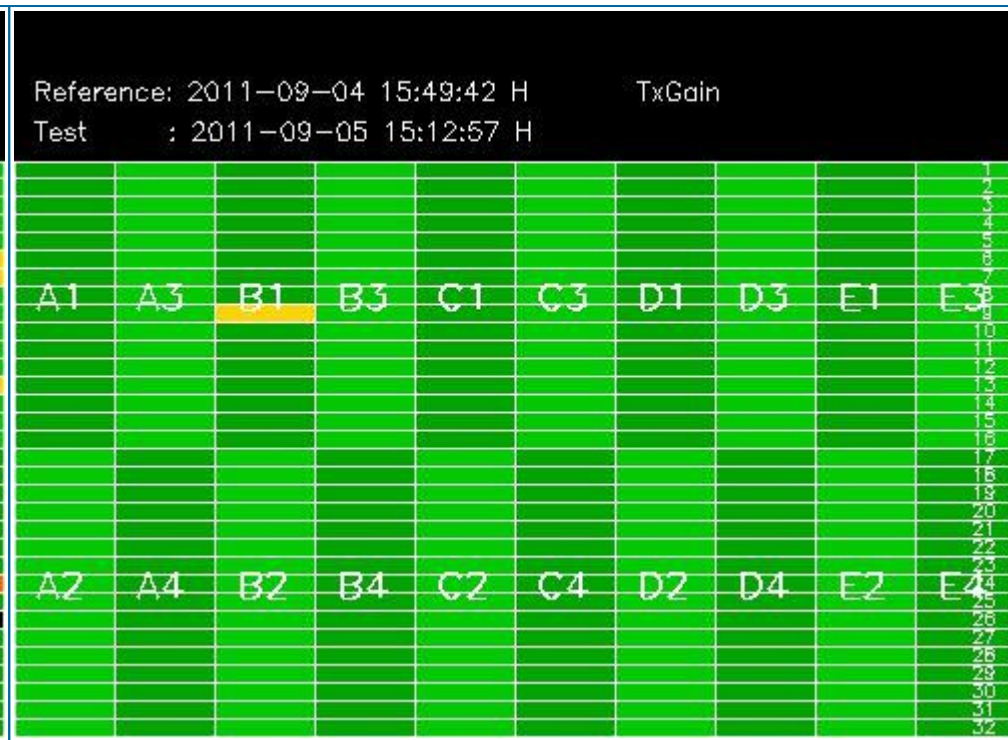
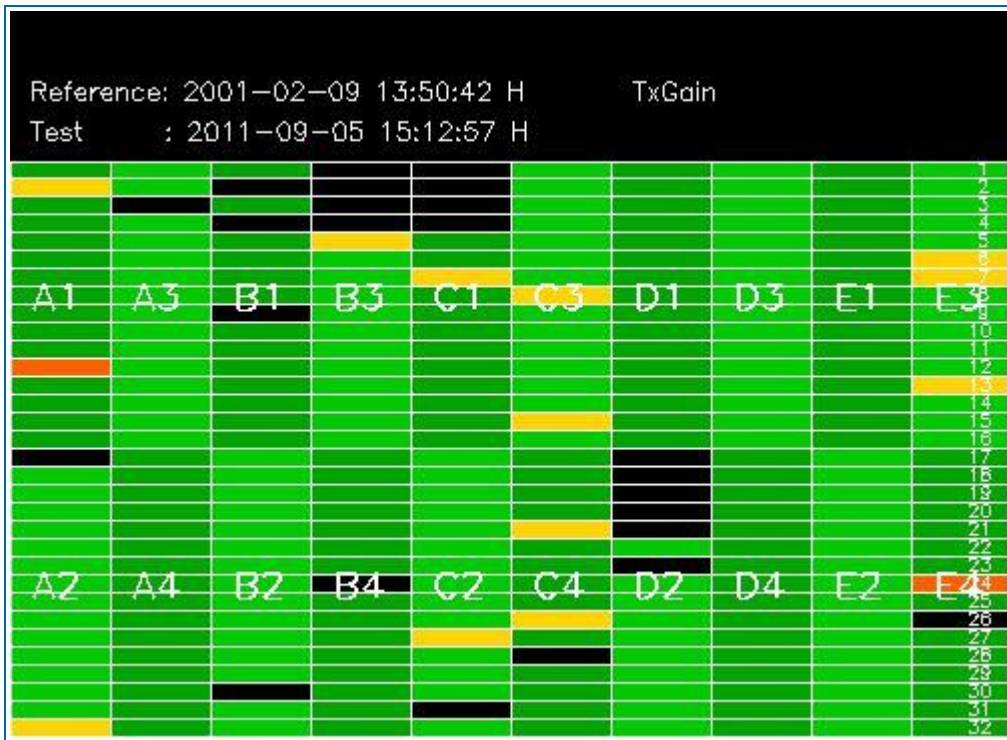


Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-09-05 15:12:57 H



Reference: 2011-09-04 15:49:42 H RxPhase  
 Test : 2011-09-05 15:12:57 H





## 4 - CALIBRATION PULSES ANALYSIS

### 4.1 - Analysis for WVS IS2 V/V

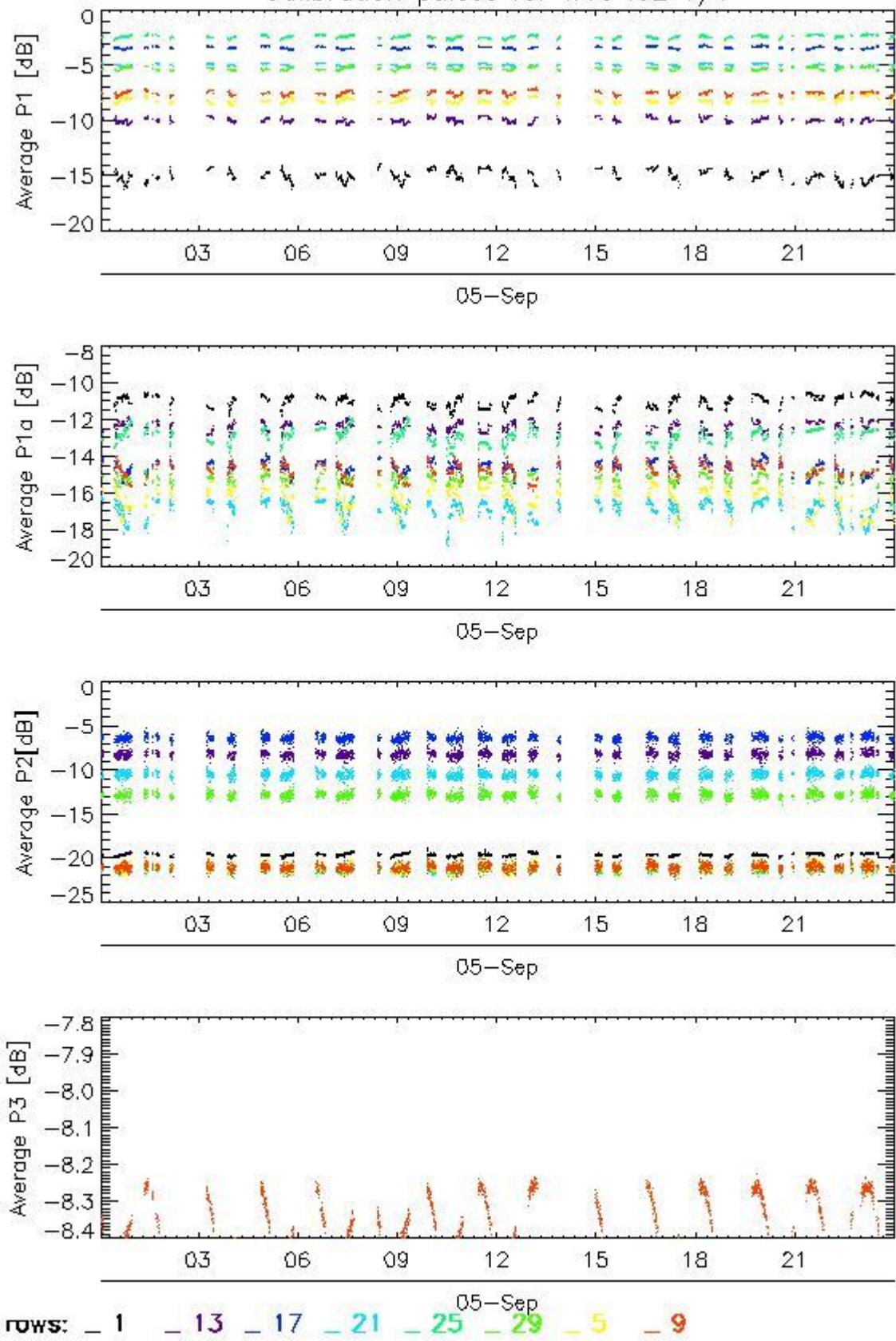
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

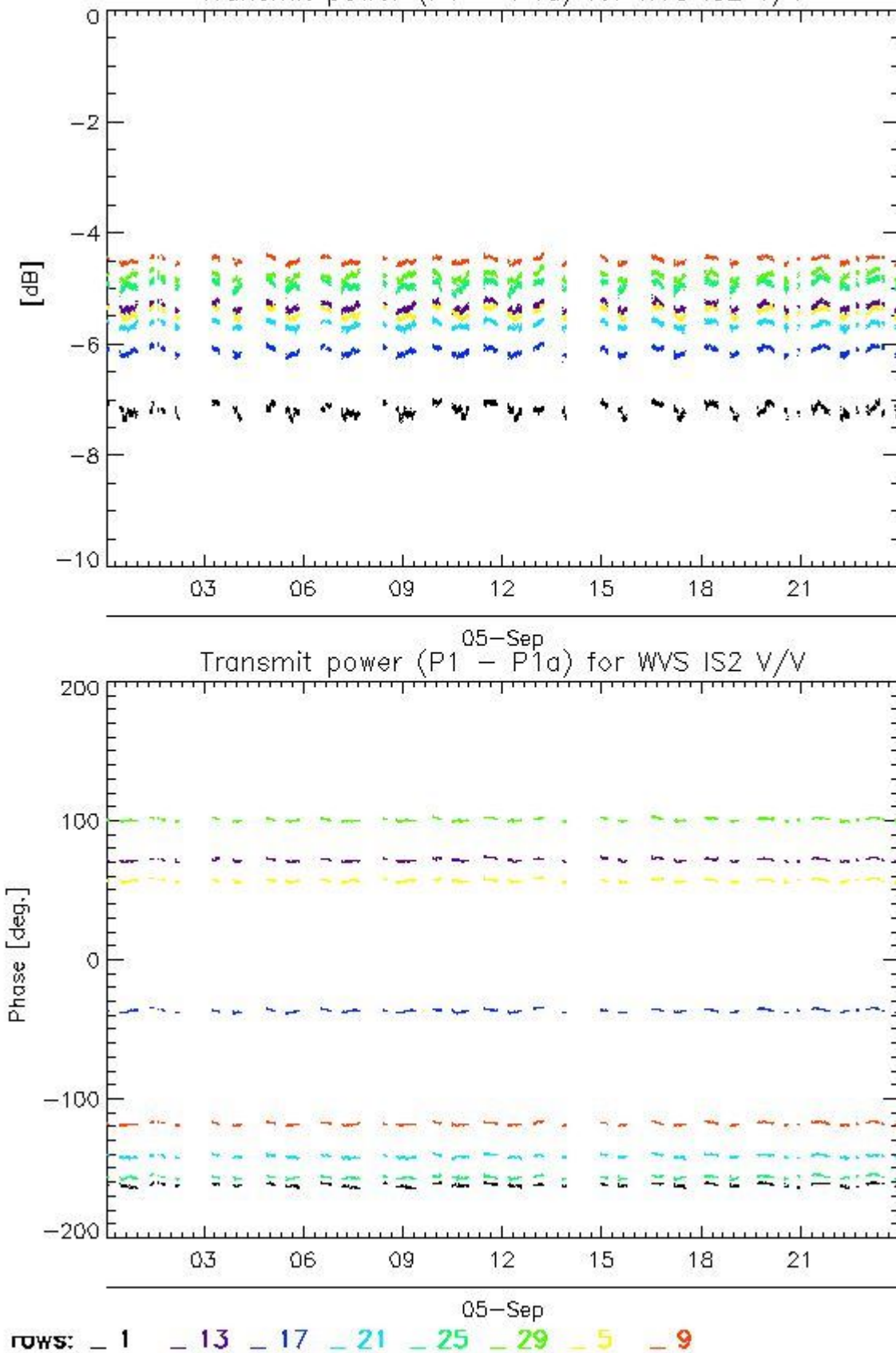
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



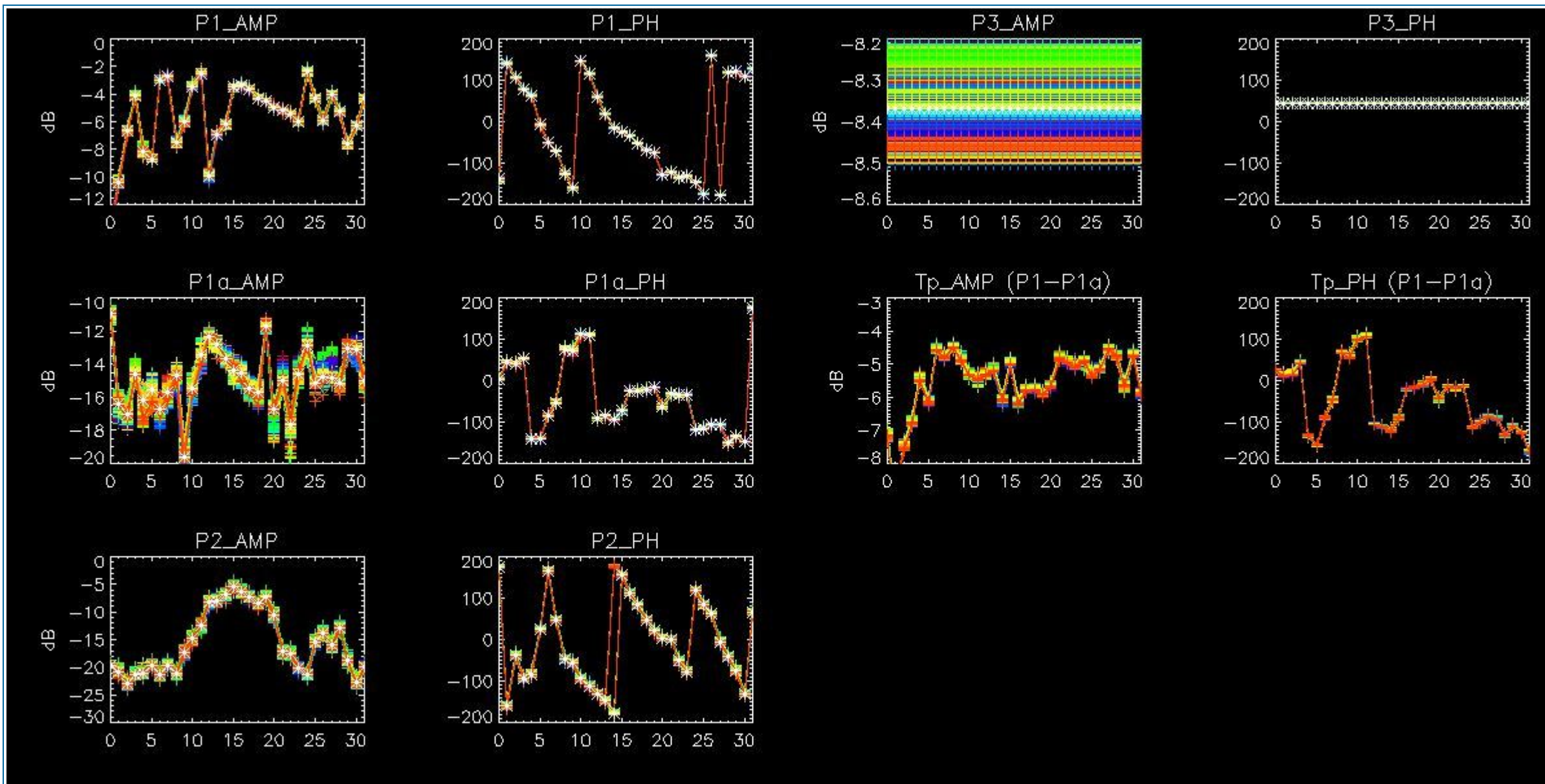
Transmit power (P1 - P1a) for WVS IS2 V/V



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

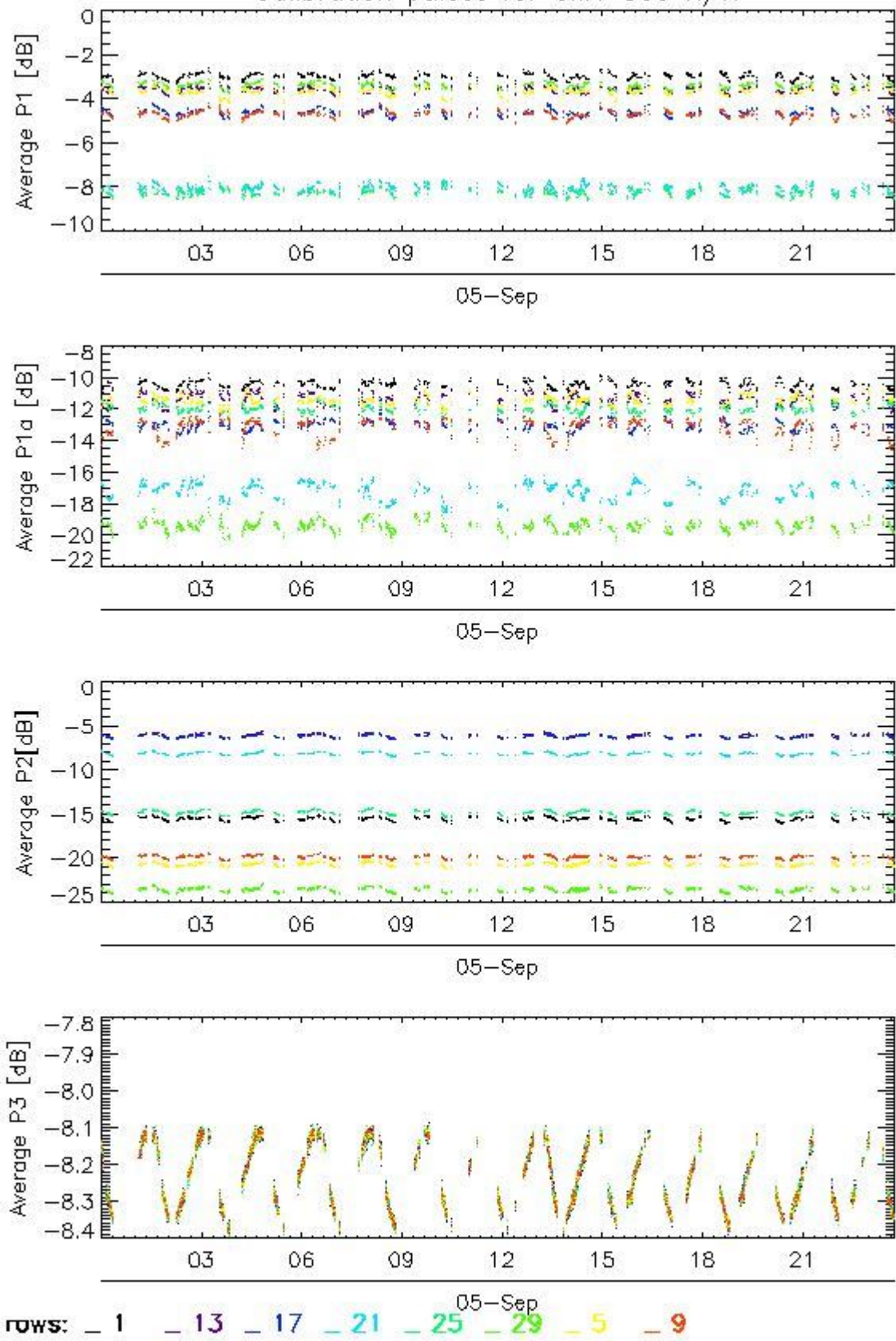
[ BACK TO MENU ]

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]

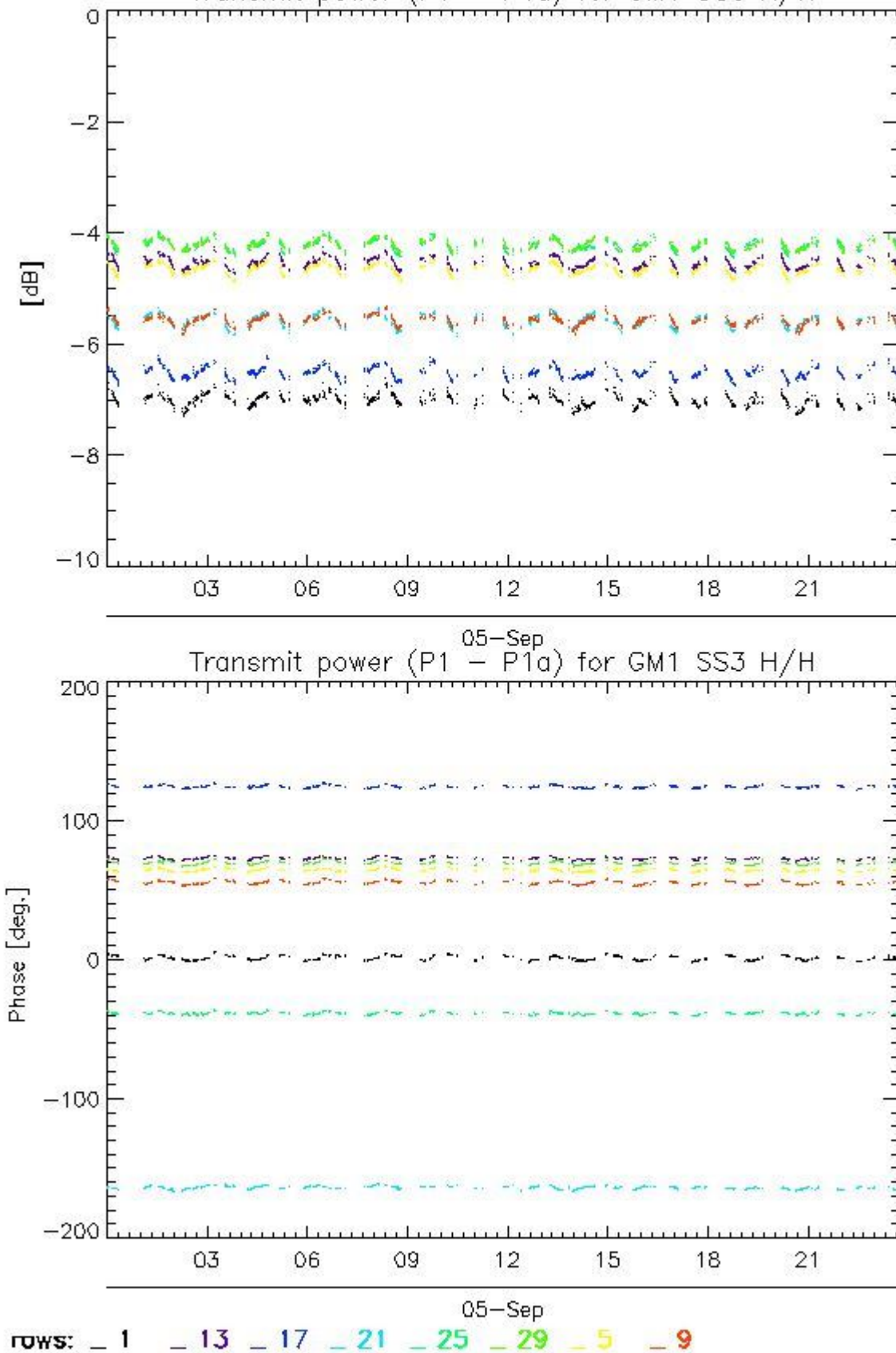
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



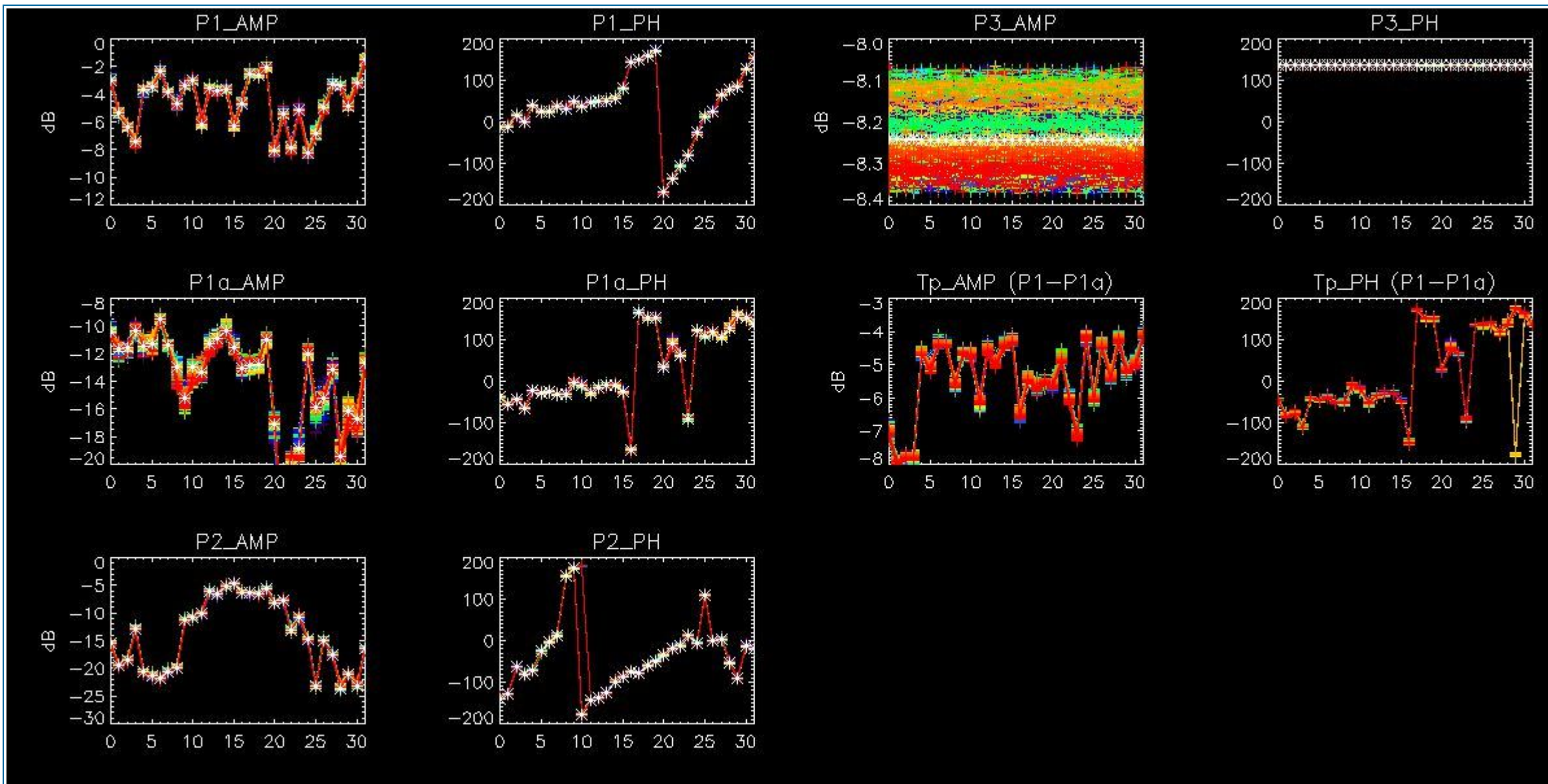
Transmit power (P1 - P1a) for GM1 SS3 H/H



#### 4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ [BACK TO MENU](#) ]





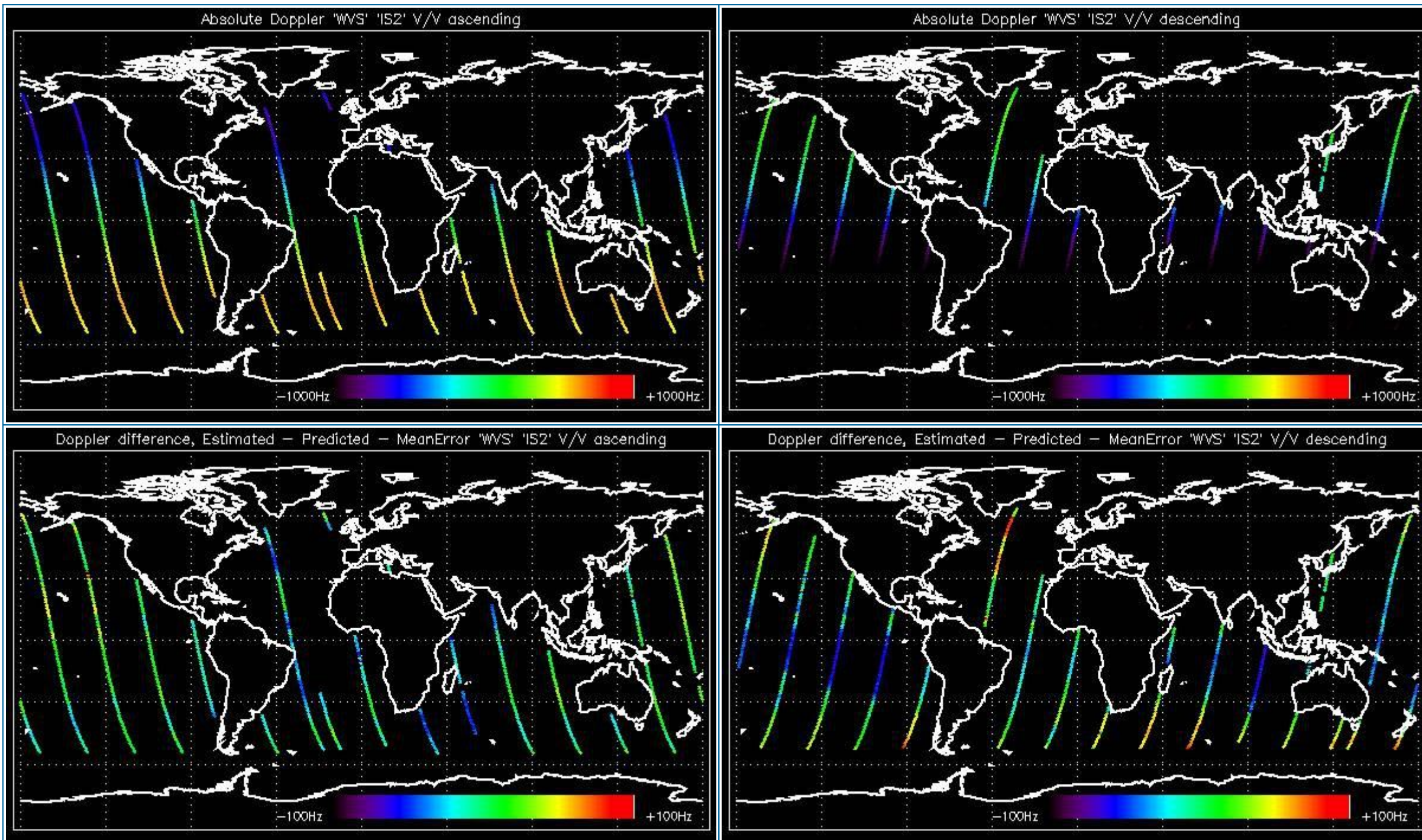
## 5 - DOPPLER ANALYSIS

### 5.1 - Analysis for WVS IS2 V/V

#### 5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]

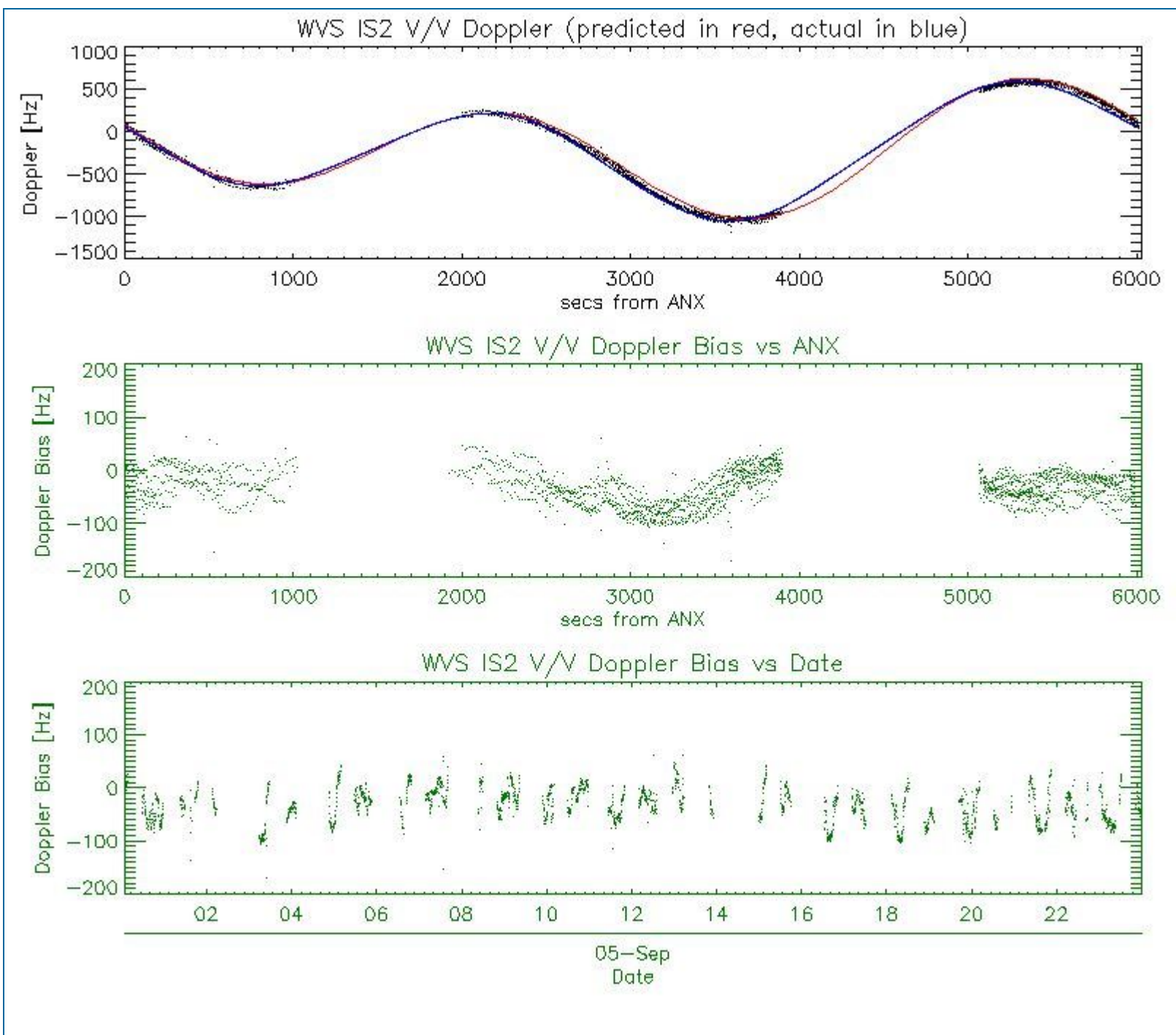




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]



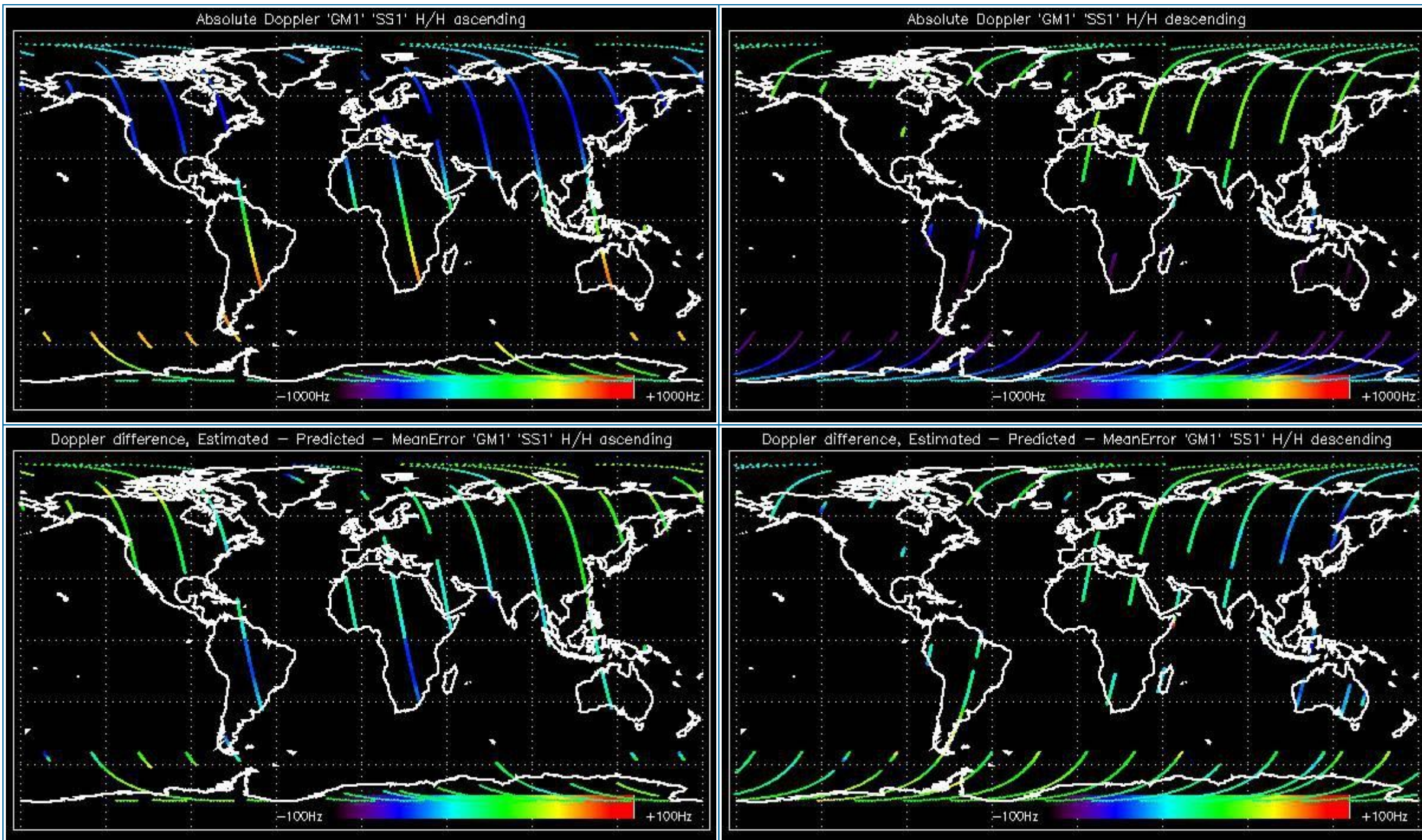


## 5.2 - Analysis for GM1 SS1 H/H

### 5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

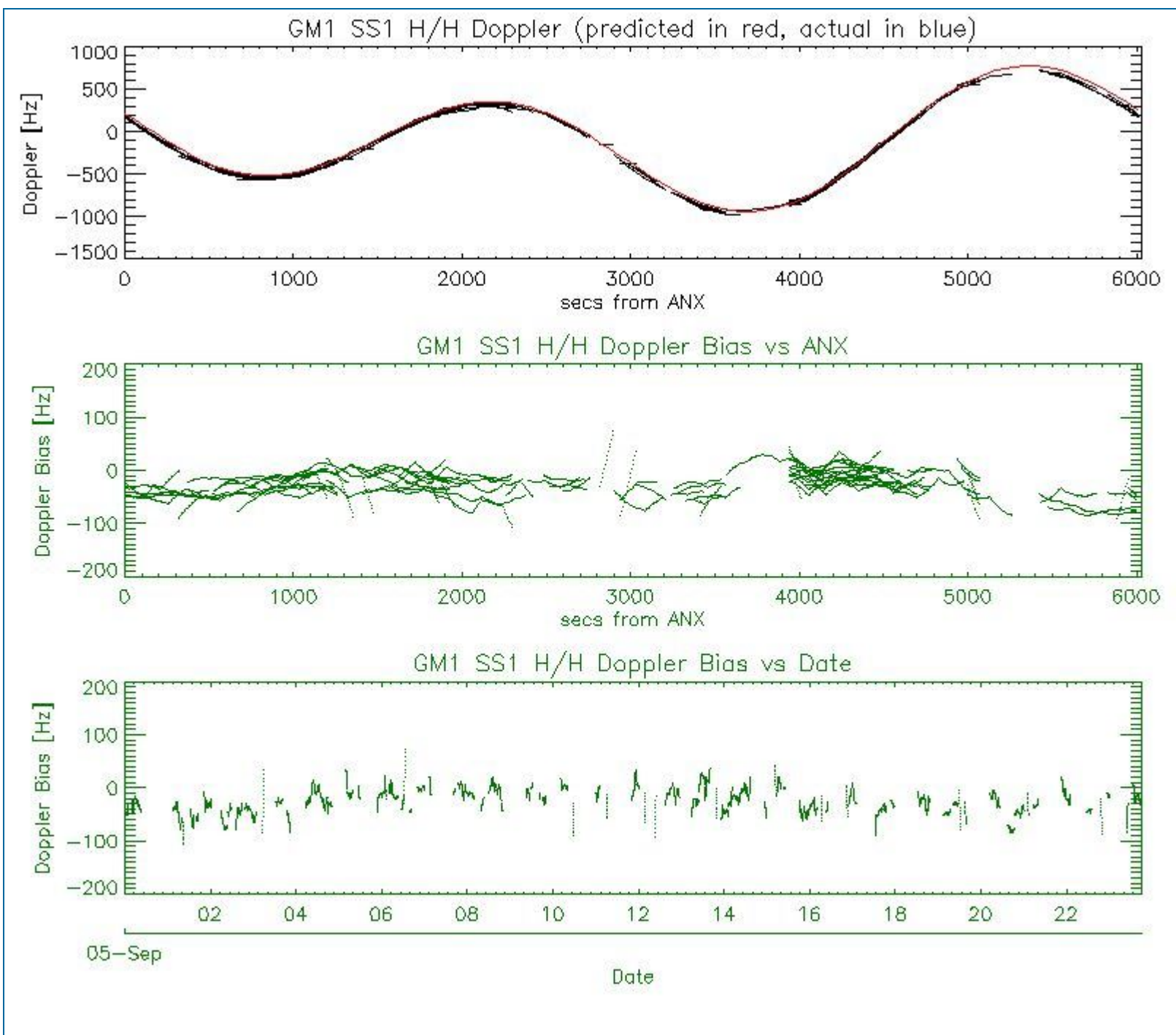




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

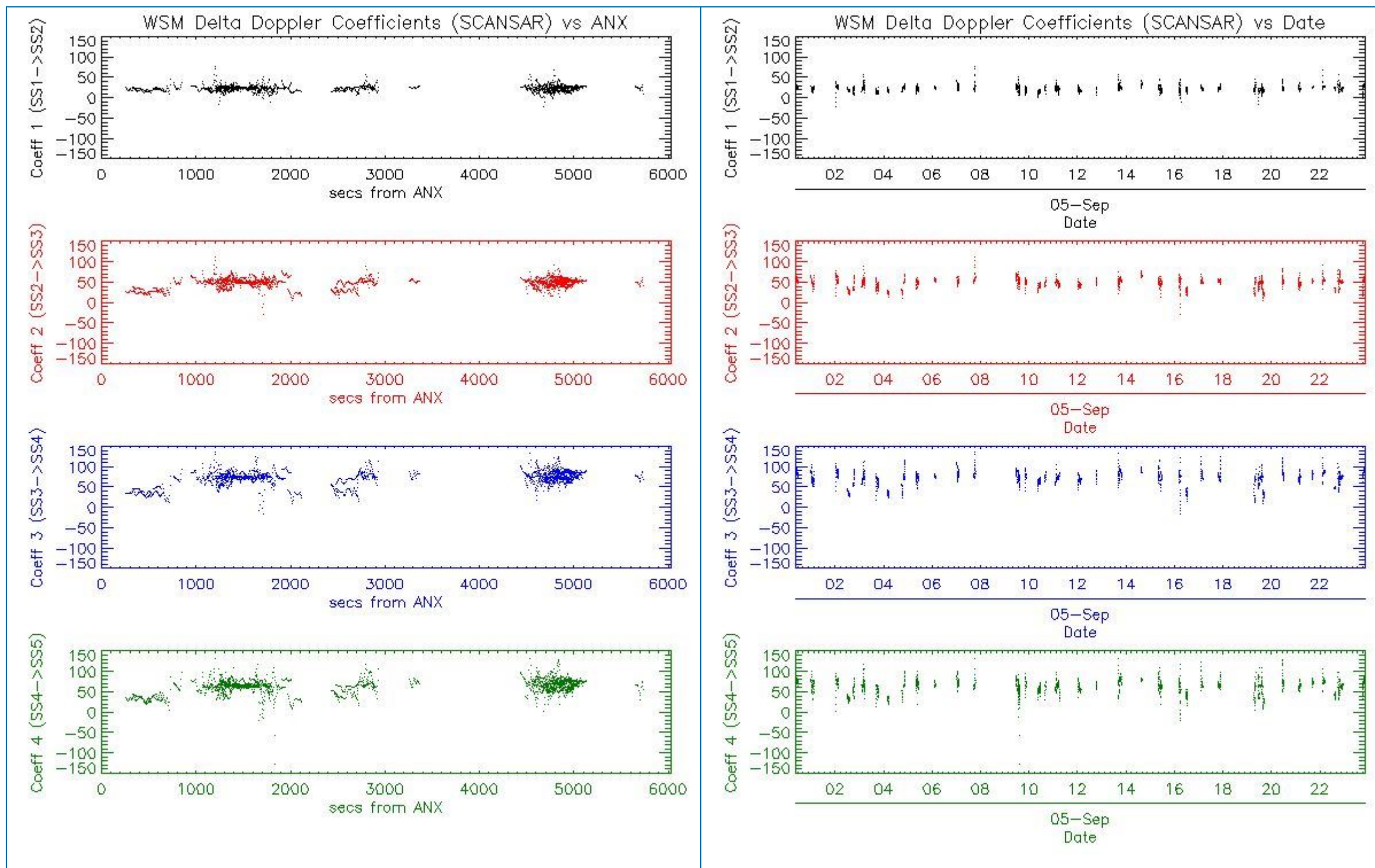




### 5.3 - Doppler JUMPS Analysis for WSM

[ [BACK TO MENU](#) ]





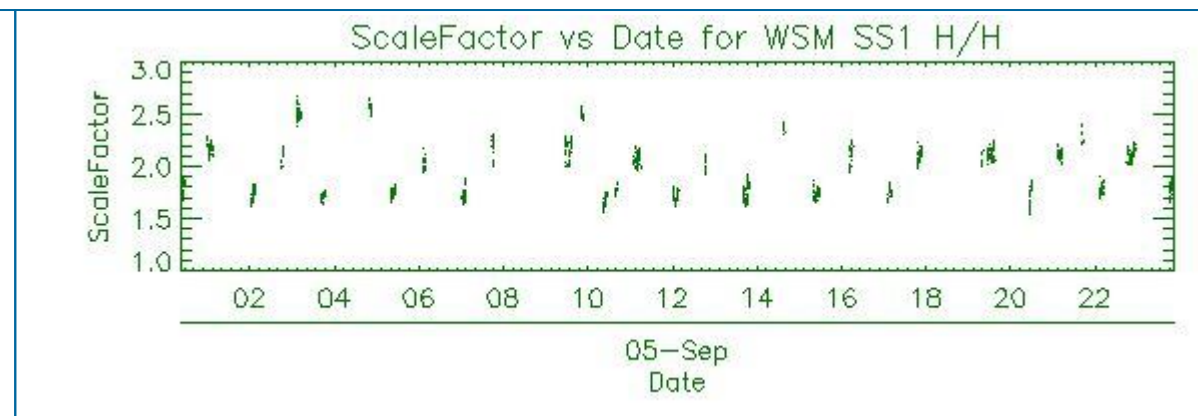
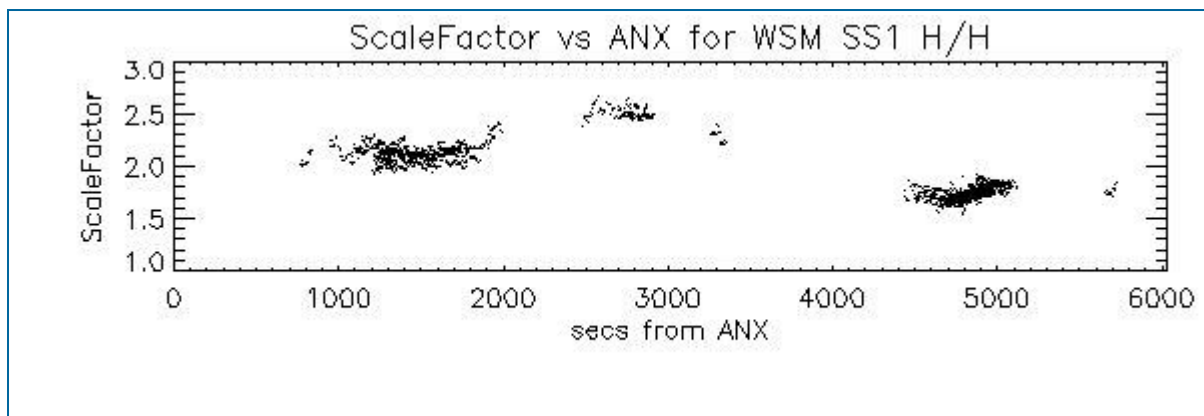
## 6 - CHIRP ANALYSIS

### 6.1 - Analysis for WSM SS1 H/H

#### 6.1.1 - ScaleFactor

[ BACK TO MENU ]

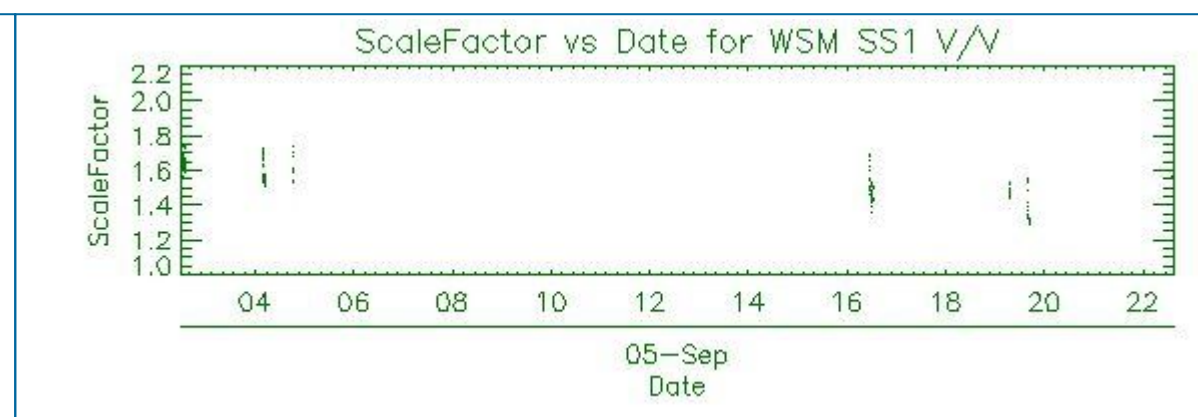
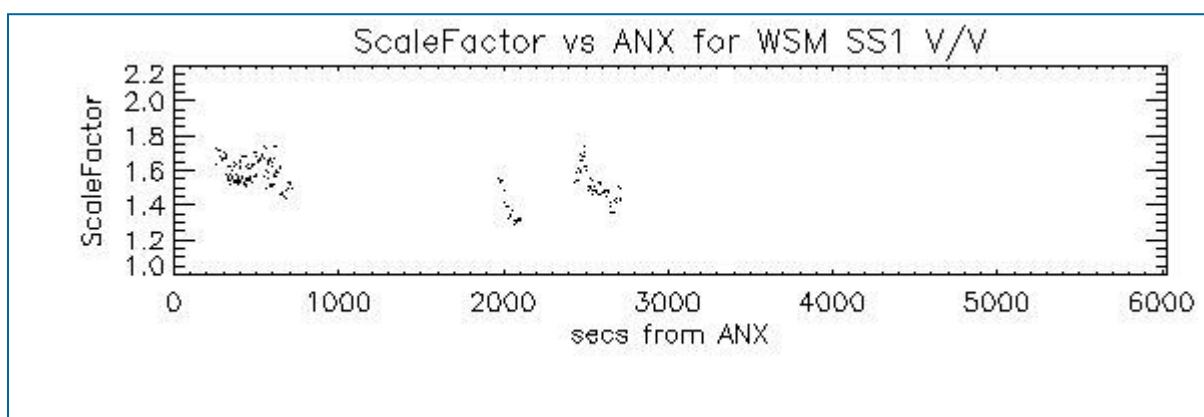




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



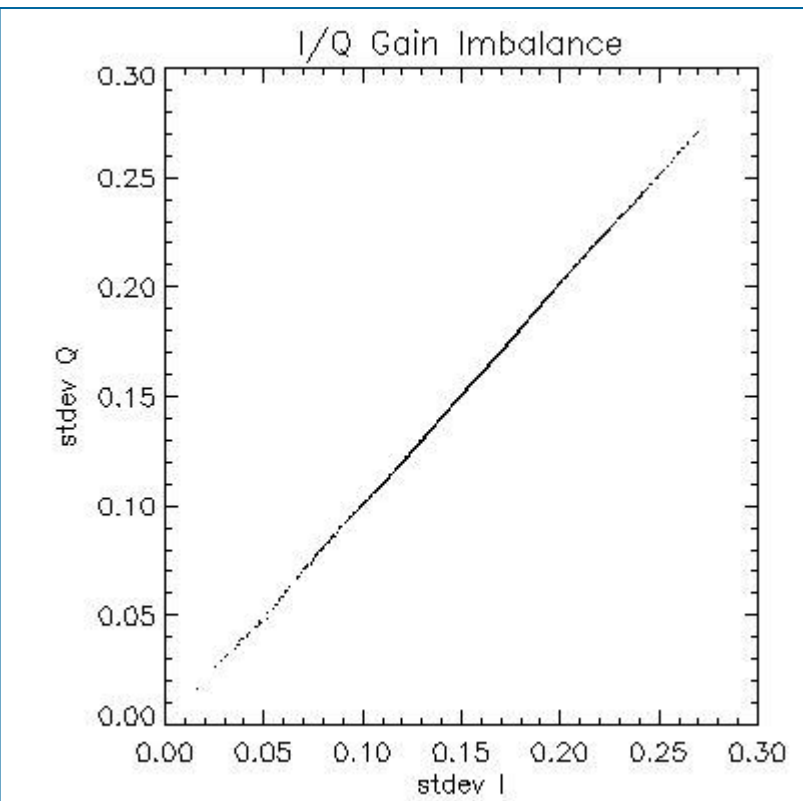
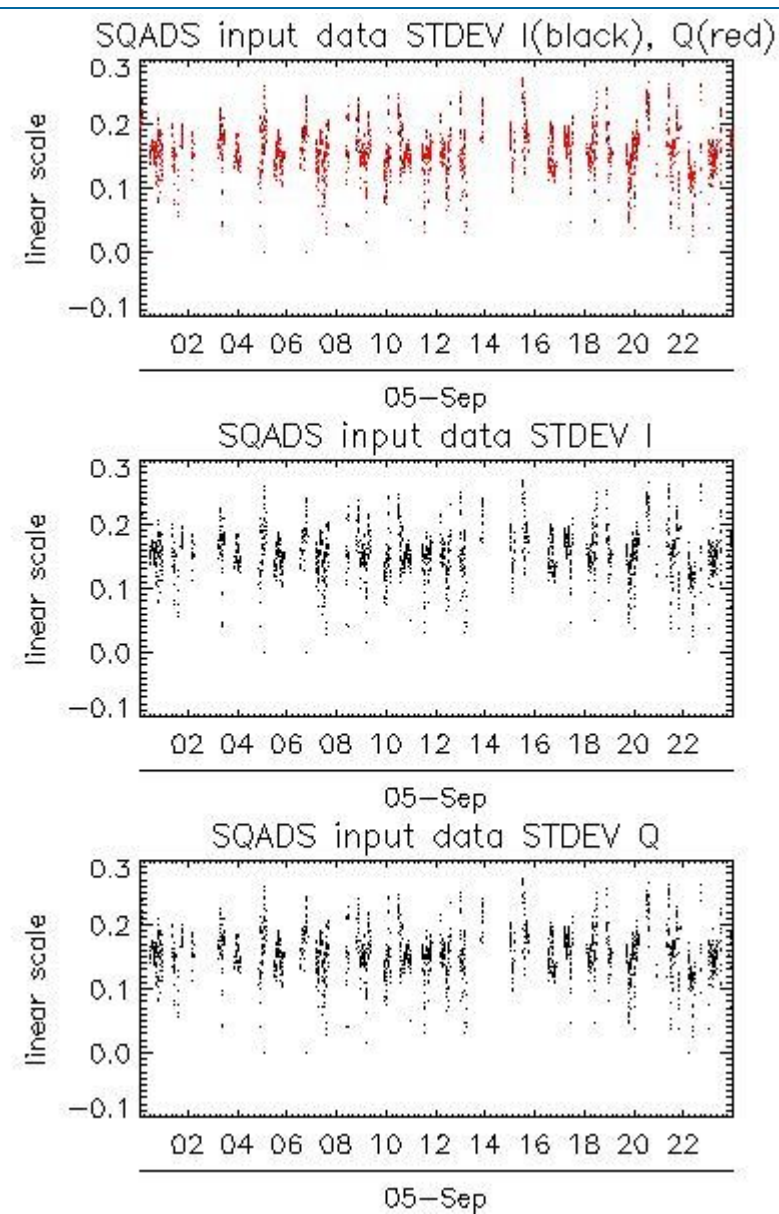
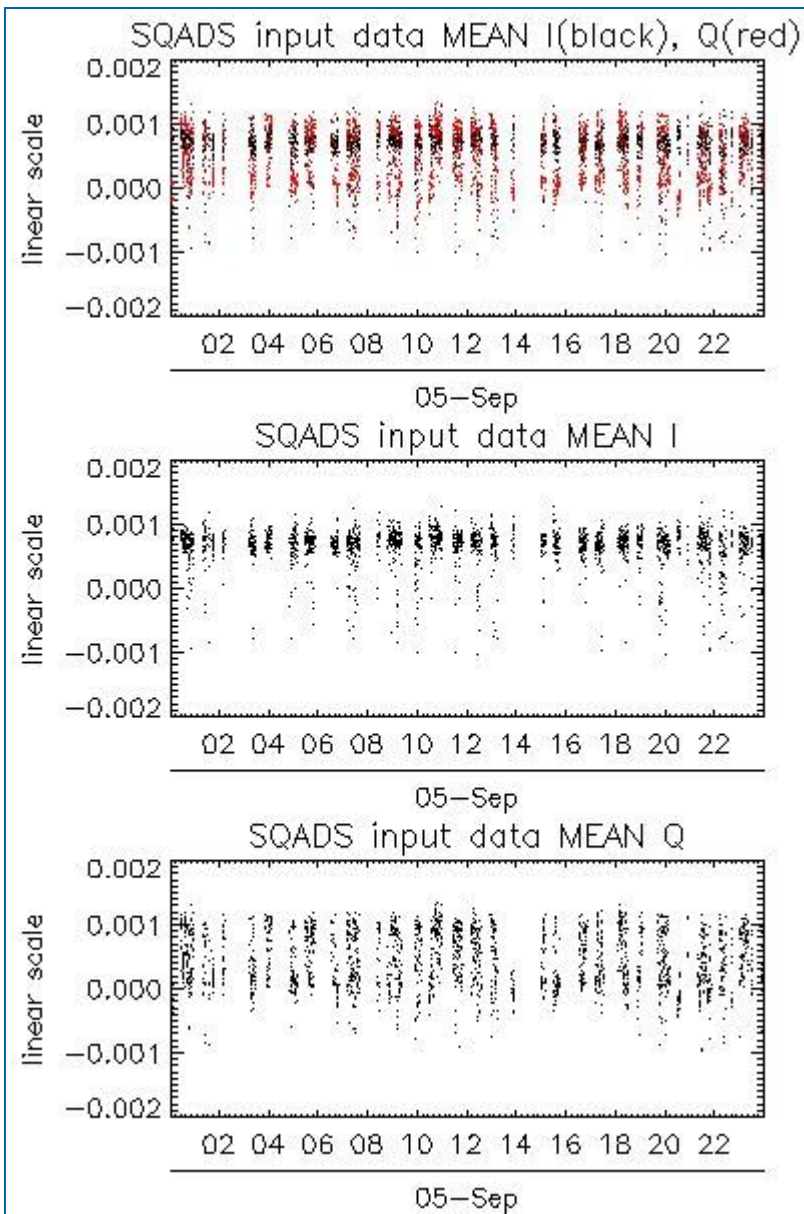
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

--	--	--



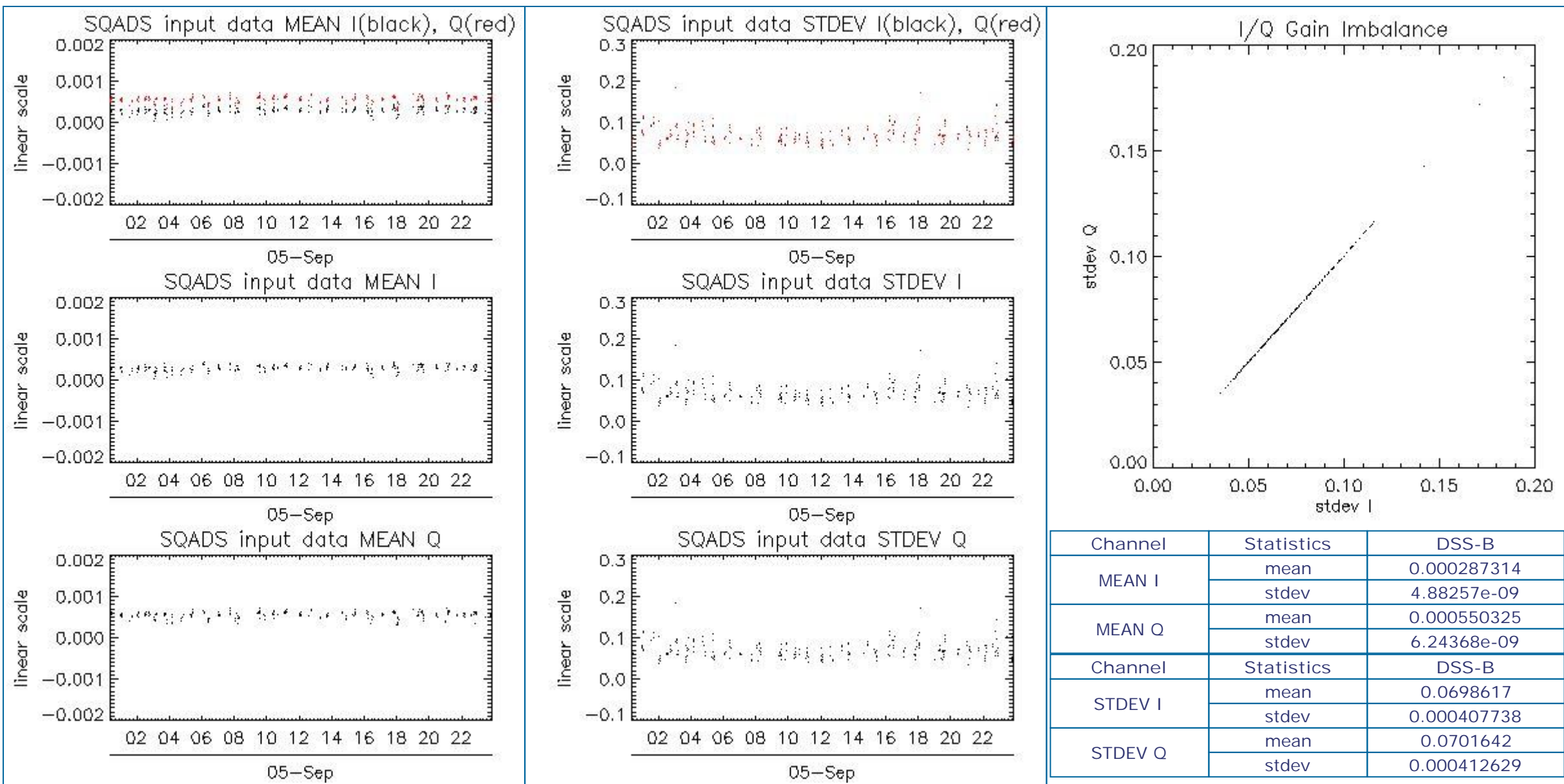


Channel	Statistics	DSS-B
MEAN I	mean	0.000658033
	stdev	9.61401e-08
MEAN Q	mean	0.000458444
	stdev	1.93374e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.156449
	stdev	0.00142083
STDEV Q	mean	0.157085
	stdev	0.00145261

7.2 - Analysis for IMM

[ BACK TO MENU ]





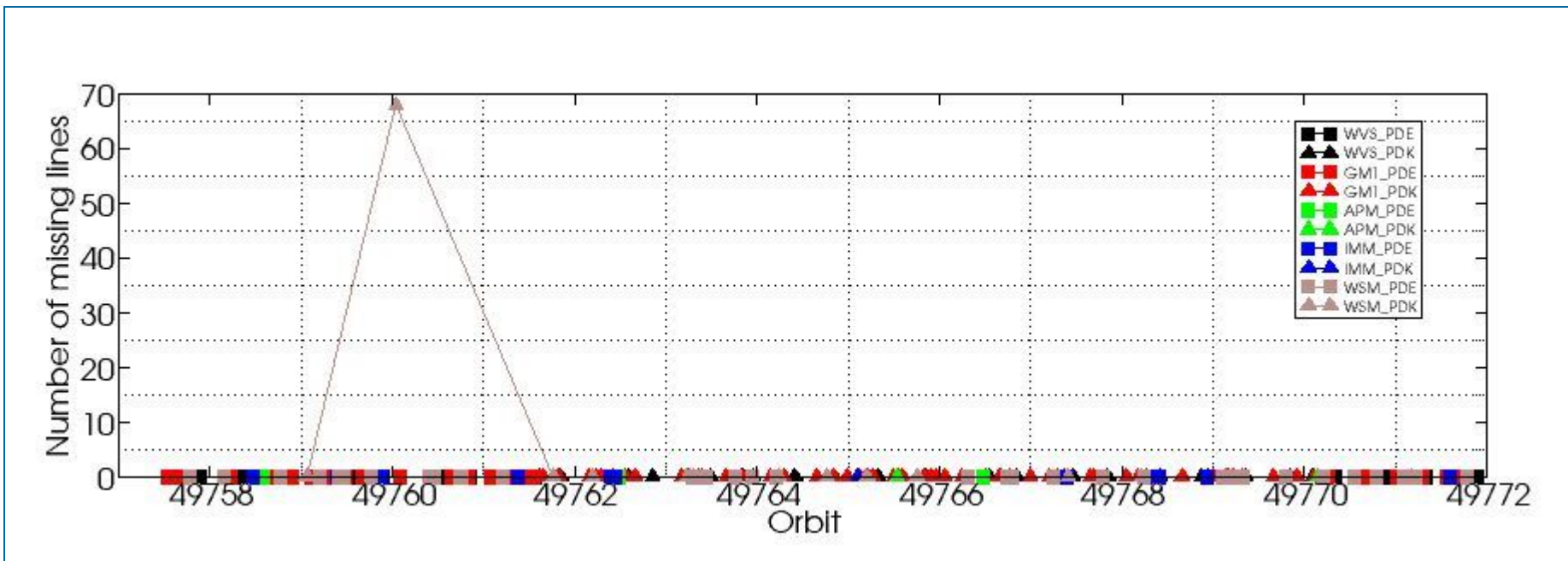
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20110905_040842_000002693106_00177_49760_5404.N1	0	68

### 8.1 - Number of Missing lines

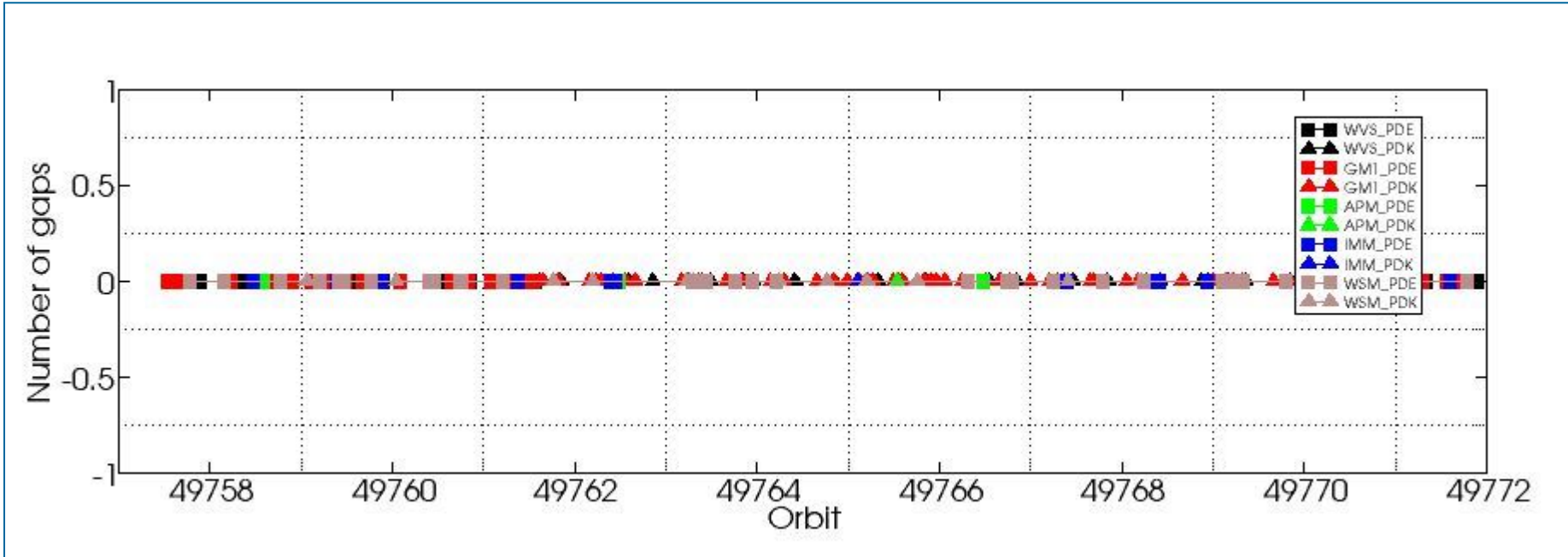
[ [BACK TO MENU](#) ]





## 8.2 - Number of Gaps

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



#####  
ASAR DAILY REPORT for 110905  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-09-05 00:00:00

Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110905/

DATA SUMMARY  
#####  
Summary will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110905/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110905/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110905/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110905/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110905/AUXILIARY...

\*\*\*\*\*  
Looking for the IECF operational ADFs list...



ADF filter 20110905\*current\_3\_IECF\_ADFs.txt  
No IECF ADFs list available for the selected period...

Writing file ./RESULTS/DAILY/\_110905/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...

AUXILIARY FILES ANALYSIS completed  
#####

MODULE STEPPING ANALYSIS  
#####  
Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110905/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110905/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_110905/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

\*\*\*\*\*  
\*\*\*\*\*  
Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDK20110905\_151257\_000000163106\_00183\_49766\_0755.N1  
H  
H

../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110905\_151257-20010209\_135042.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110905\_151257-20010209\_135042.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110905\_151257-20010209\_135042.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110905\_151257-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20110905\_165311\_000000163106\_00184\_49767\_0756.N1  
V  
V

../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110905\_165311-20010209\_140823.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110905\_165311-20010209\_140823.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110905\_165311-20010209\_140823.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110905\_165311-20010209\_140823.png

\*\*\*\*\*  
\*\*\*\*\*  
Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20110904\_154942\_000000163106\_00169\_49752\_0753.N1  
Test product: ASA\_MS\_\_0PNPDK20110905\_151257\_000000163106\_00183\_49766\_0755.N1  
H  
H

../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110905\_151257-20110904\_154942.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110905\_151257-20110904\_154942.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110905\_151257-20110904\_154942.png  
../../RESULTS/DAILY/\_110905/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110905\_151257-20110904\_154942.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20110904\_172956\_000000163106\_00170\_49753\_0754.N1  
Test product: ASA\_MS\_\_0PNPDK20110905\_165311\_000000163106\_00184\_49767\_0756.N1

```
V
V
../RESULTS/DAILY/_110905/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20110905_165311-20110904_172956.png
../RESULTS/DAILY/_110905/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20110905_165311-20110904_172956.png
../RESULTS/DAILY/_110905/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20110905_165311-20110904_172956.png
../RESULTS/DAILY/_110905/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20110905_165311-20110904_172956.png
```

```
MODULE_STEPPING ANALYSIS completed
#####
```

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_110905/CALIBRATION_PULSES...
```

```
*****
*****
ALL ROWS Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59
```

```
Analysing products WVS IS2 V/V
  1      71489      7      71489
Writing image ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
  1      45569      7      45569
Writing image ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...
```

```
*****
*****
TEMPORAL EVOLUTION Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-09-05_1.dat...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-09-05_2.dat...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-09-05_3.dat...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-09-05_4.dat...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../RESULTS/DAILY/_110905//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 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-09-05_1.dat...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../RESULTS/DAILY/_110905//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_110905/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-09-05_2.dat...
```

Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_110905/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-05\_3.dat...  
Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-05 00:00:00 to 2011-09-05 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_110905/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-05\_4.dat...  
Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_110905//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110905/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-09-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110905/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-09-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110905/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-09-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110905/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_110905/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Analysing products WVS IS2 V/V

1064  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
87.7758  
10.5846

-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784



-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -37.040782 Hz

Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1172

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758  
10.5846  
-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838

-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384

586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -27.488439 Hz  
Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

3001  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1

216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516

148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -18.661021 Hz

Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2664  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049

-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -31.971668 Hz  
Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110905//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110905/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-09-05.dat...  
Running IDL program...

Writing file ../../RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...

Writing file ./RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-09-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../../RESULTS/DAILY/\_110905/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110905/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110905/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...

Writing file ./RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_WVS\_2011-09-05.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2011-09-05 00:00:00 to 2011-09-05 23:59:59...

Writing file ./RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_IMM\_2011-09-05.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...

Creating image ../../RESULTS/DAILY/\_110905/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-09-05 00:00:00 to 2011-09-05 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110905/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110905/TELEMETRY...

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

\*\*\*\*\*

Checking 25 products from PDE...

Checking 23 products from PDK...

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

\*\*\*\*\*

Checking 30 products from PDE...

Checking 52 products from PDK...

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

\*\*\*\*\*

Checking 3 products from PDE...  
Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 11 products from PDE...  
Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 32 products from PDE...  
Checking 16 products from PDK...

Found product...ASA\_WSM\_1PNPDK20110905\_040842\_000002693106\_00177\_49760\_5404.N1 / 0 gaps / 68 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110905/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110905/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110905/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...

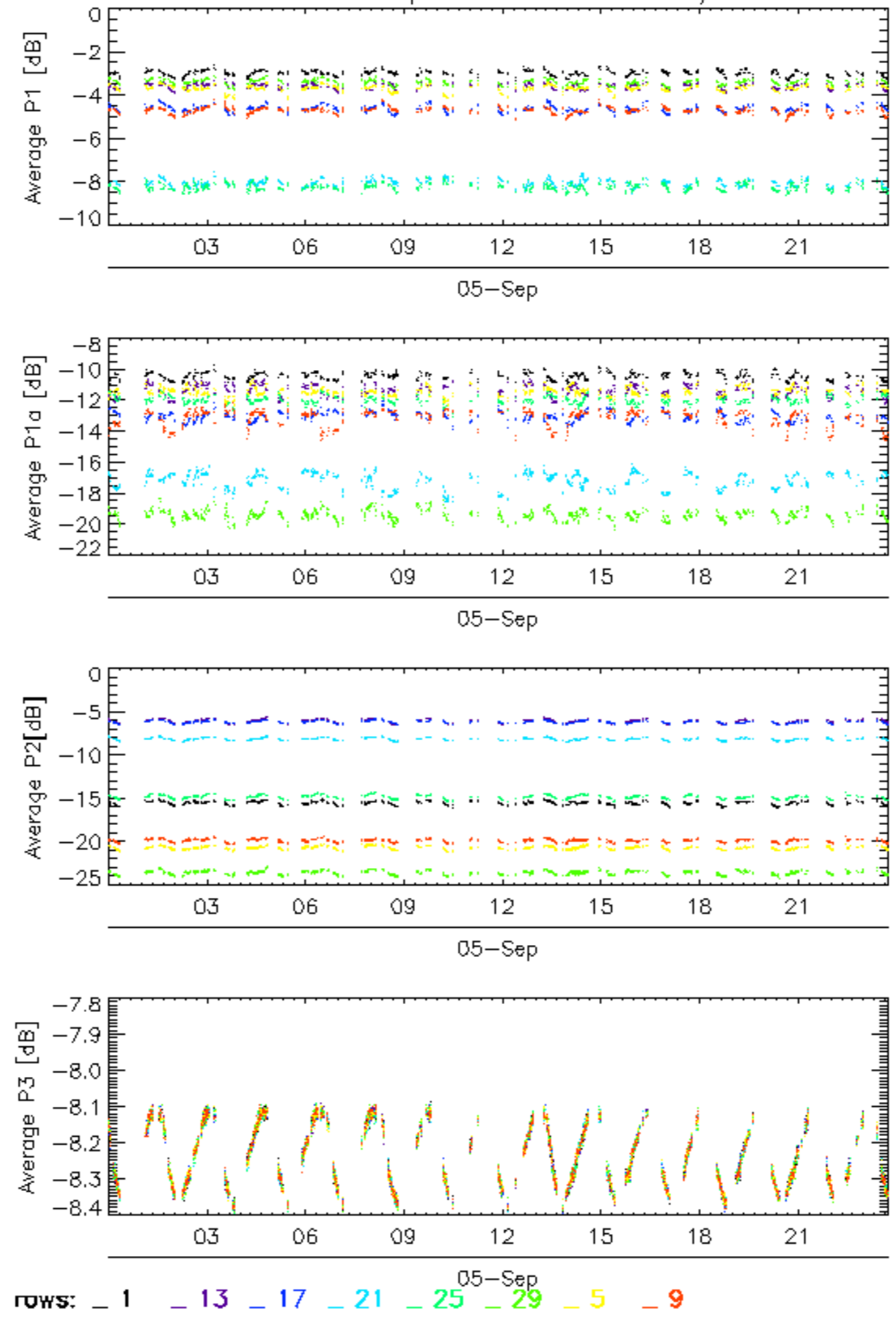
HTML REPORT generation completed

#####

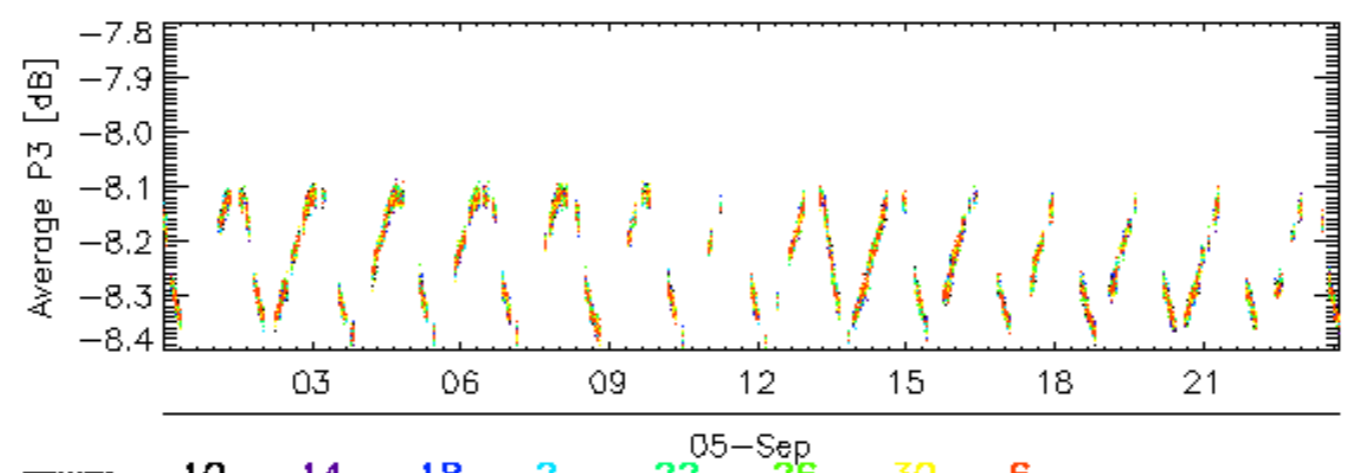
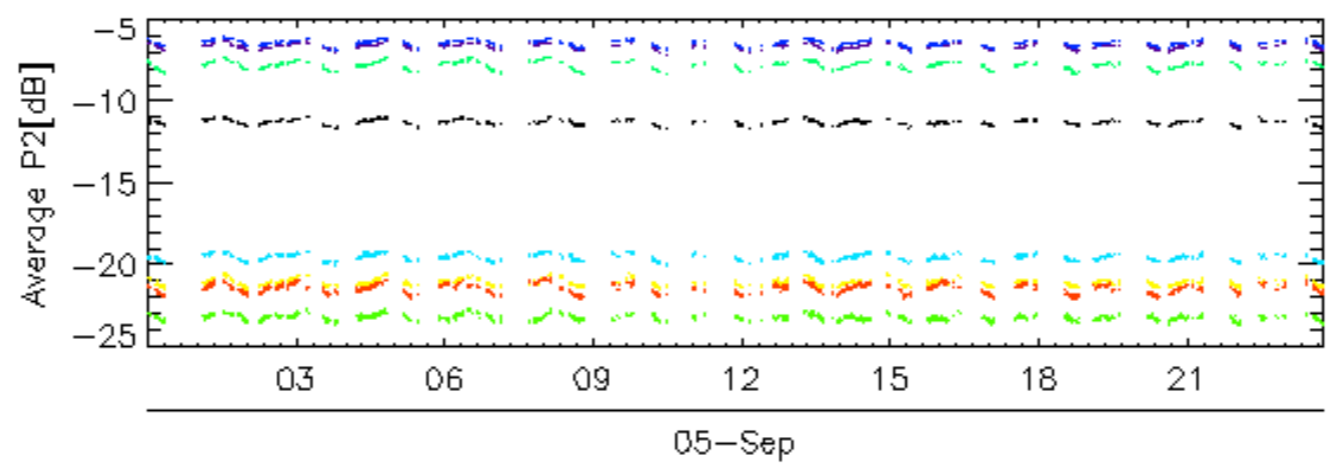
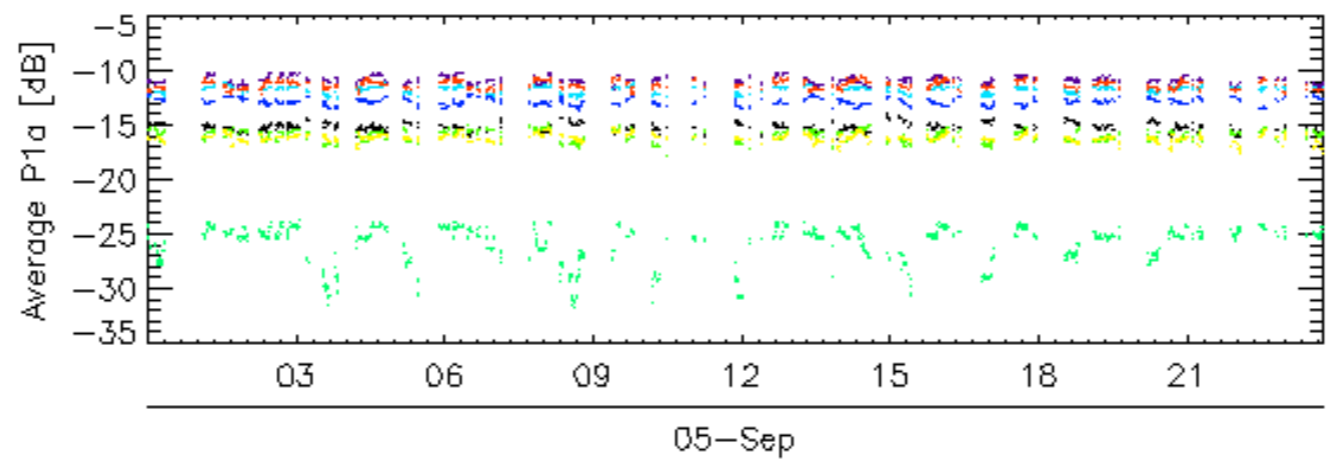
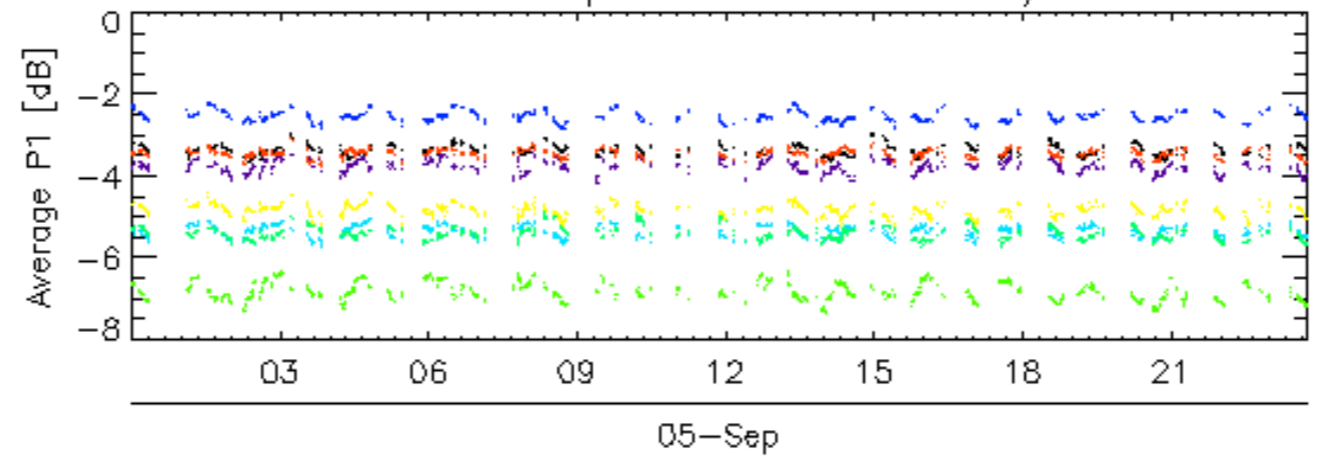




### Calibration pulses for GM1 SS3 H/H

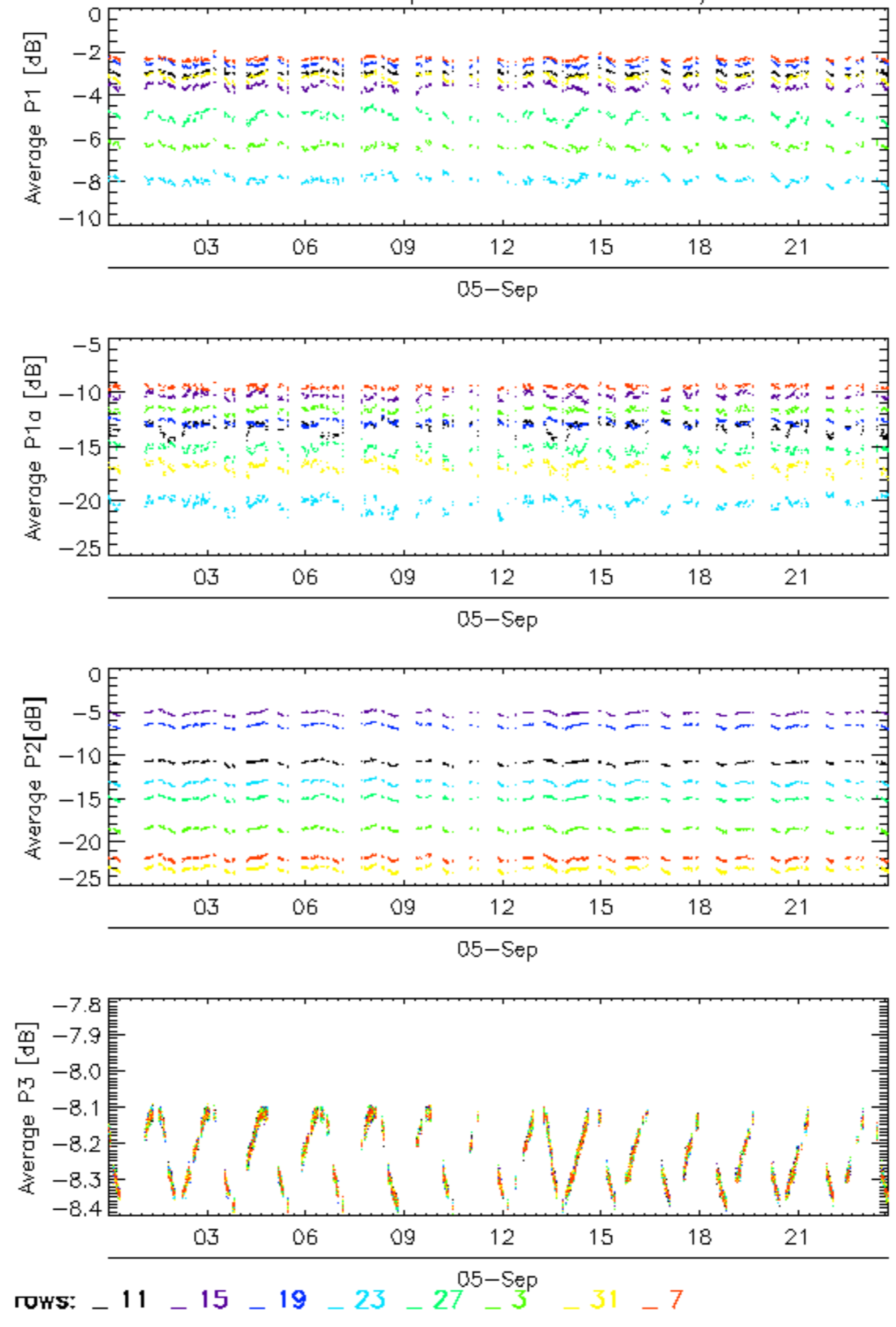


### Calibration pulses for GM1 SS3 H/H

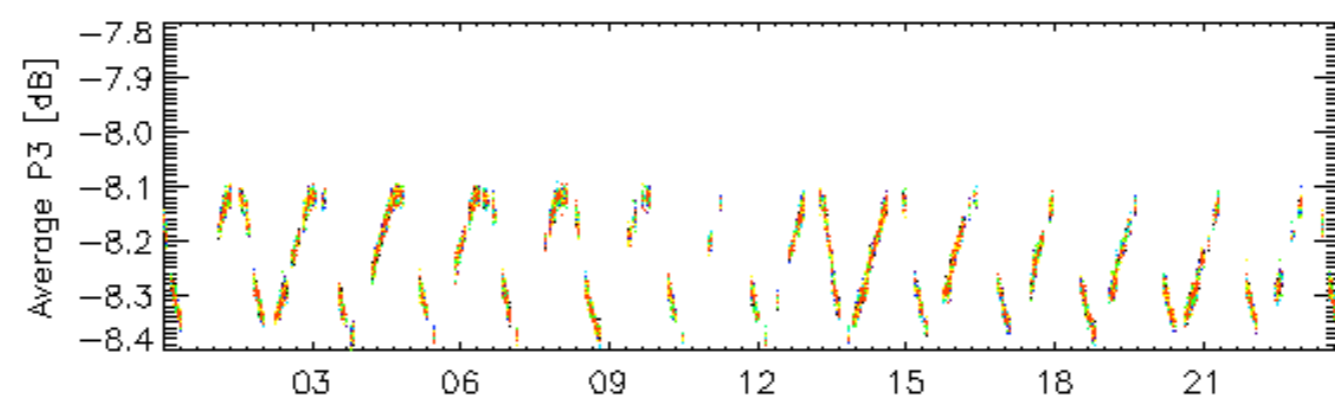
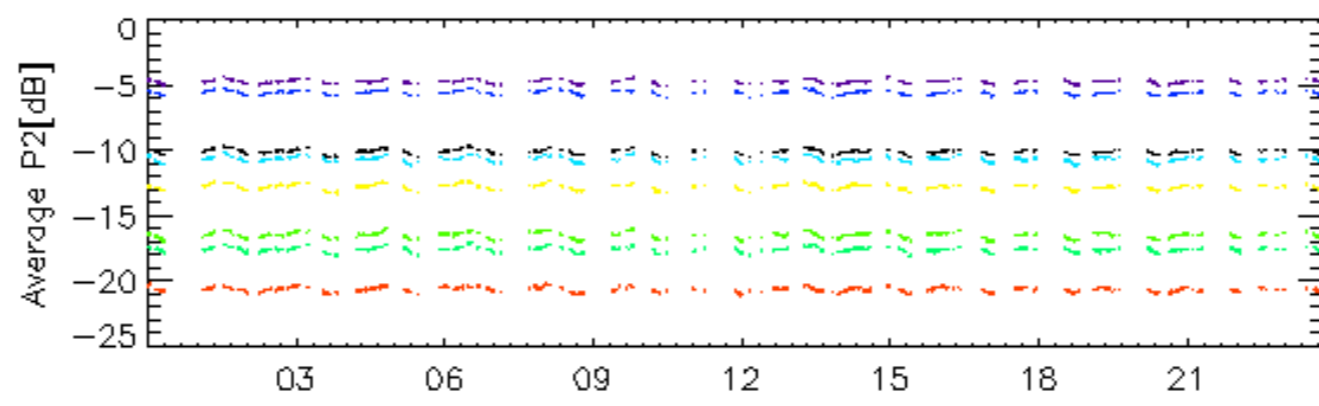
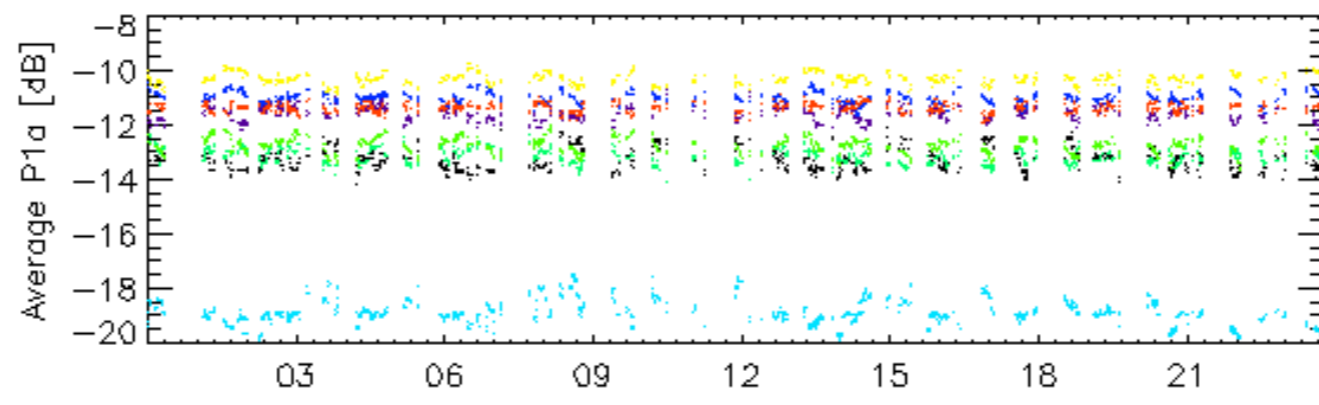
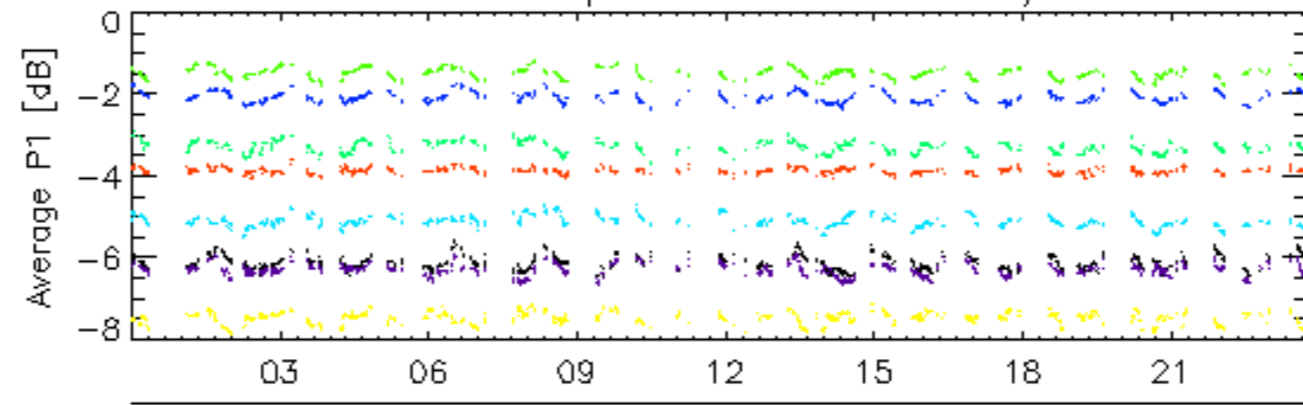


rows: \_ 10 \_ 14 \_ 18 \_ 2 \_ 22 \_ 26 \_ 30 \_ 6

Calibration pulses for GM1 SS3 H/H

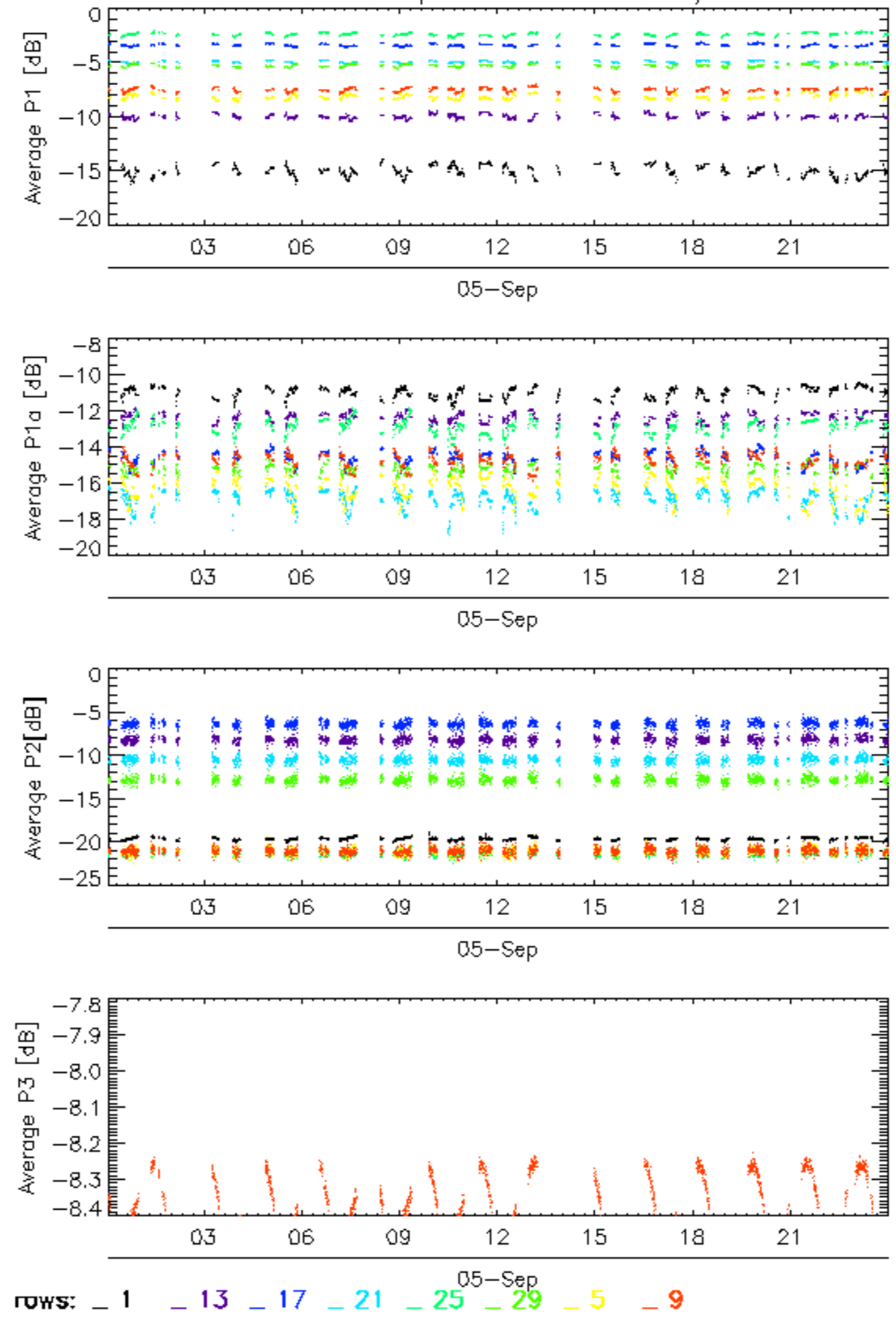


Calibration pulses for GM1 SS3 H/H

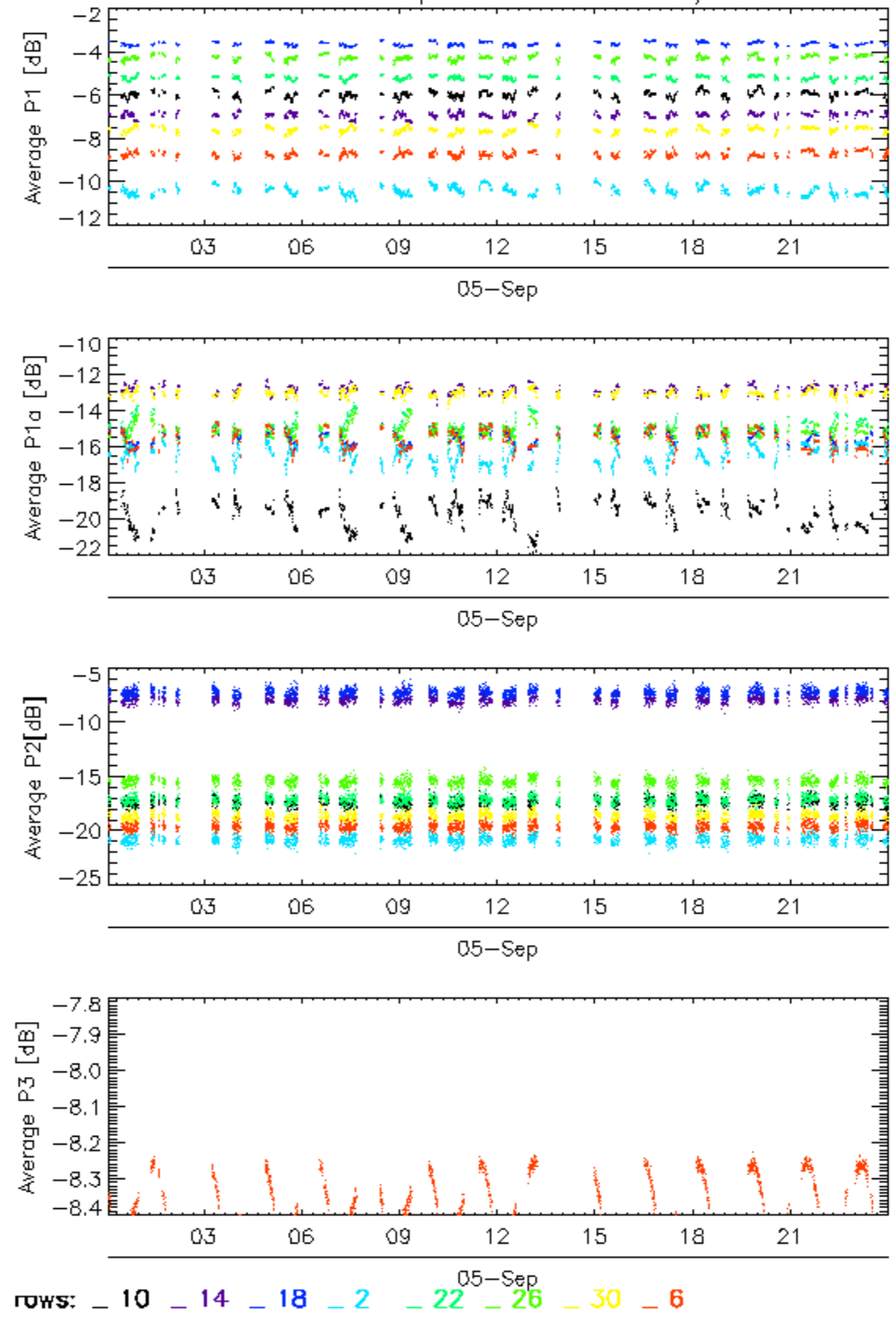


rows: 12 16 20 24 28 32 4 8

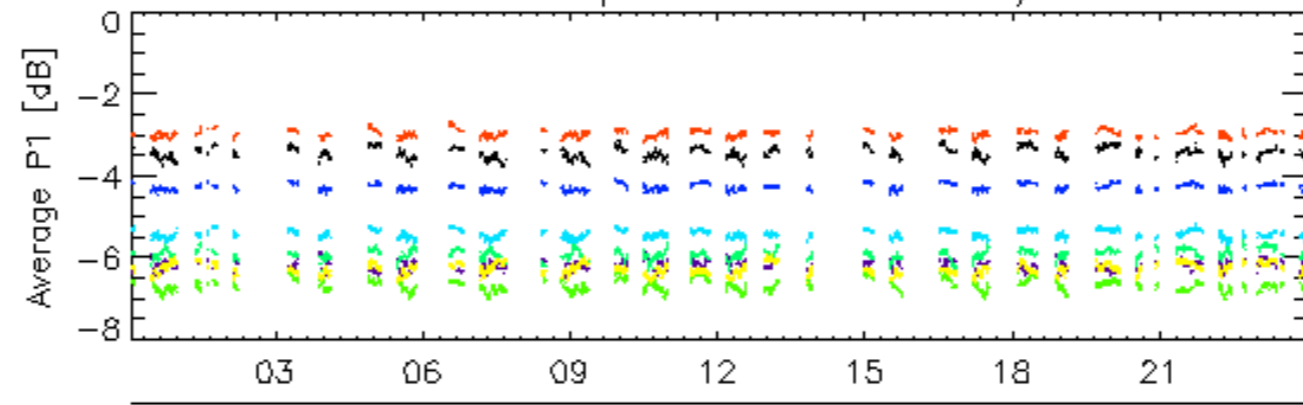
### Calibration pulses for WVS IS2 V/V



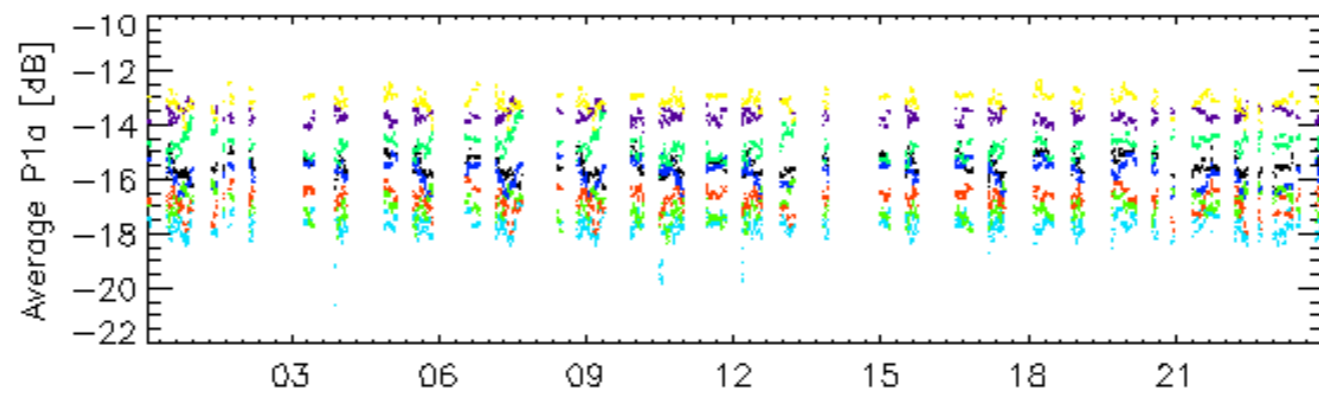
Calibration pulses for WVS IS2 V/V



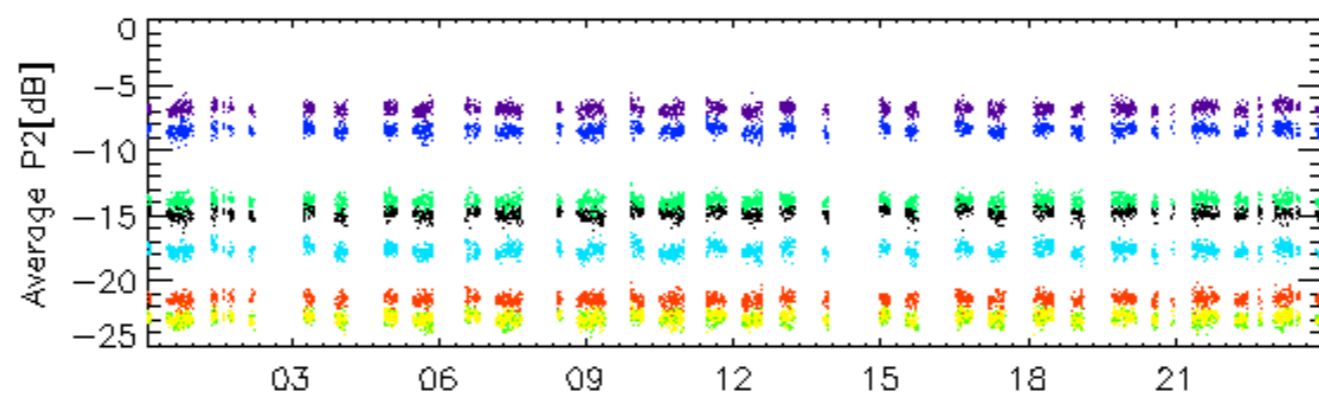
Calibration pulses for WVS IS2 V/V



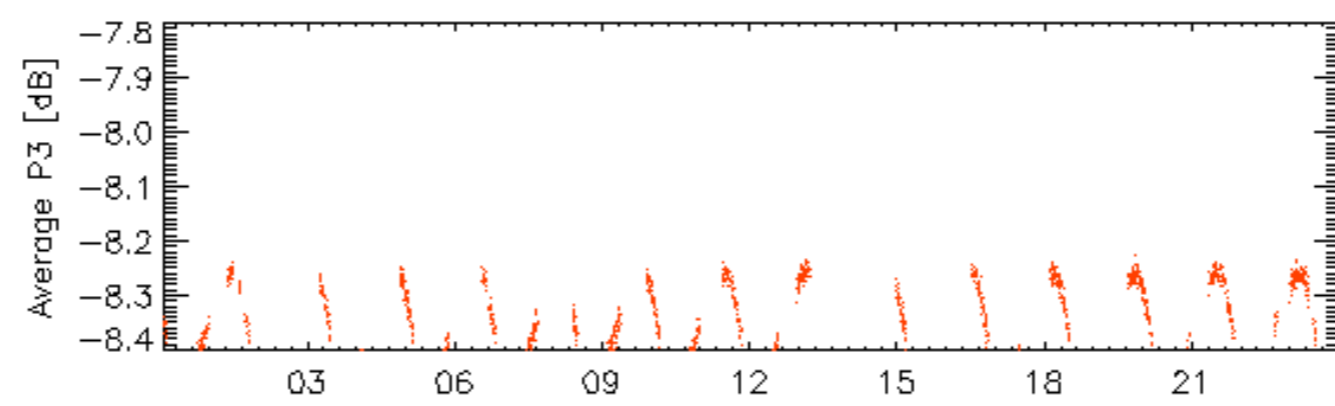
05-Sep



05-Sep



05-Sep

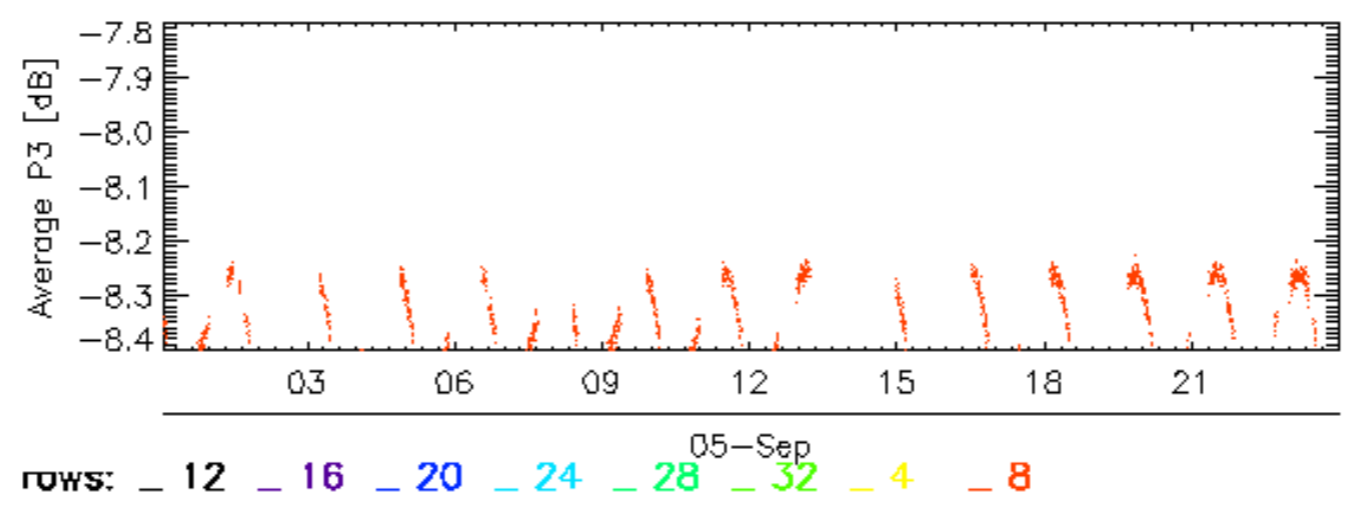
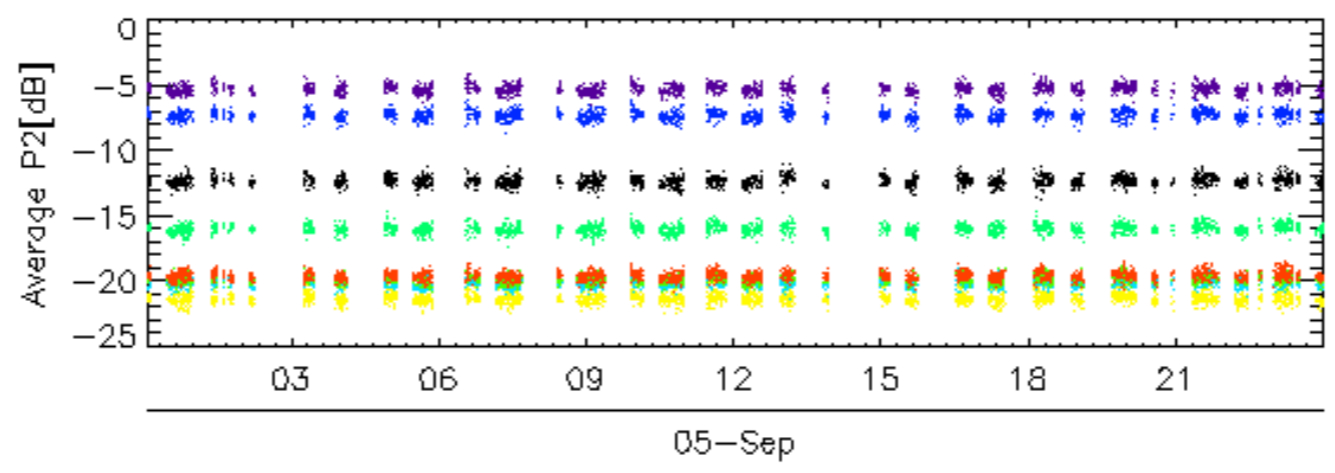
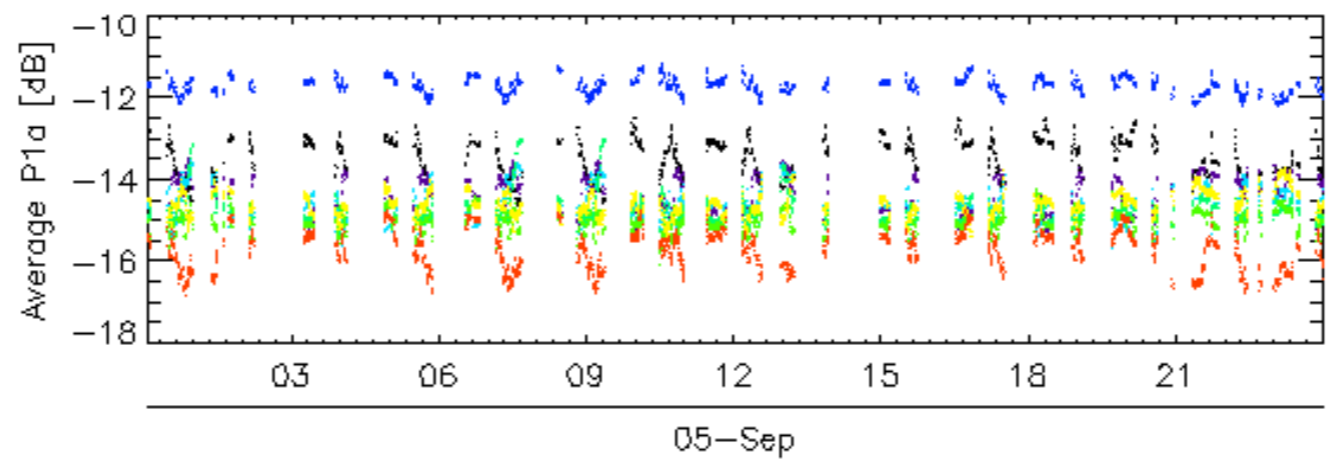
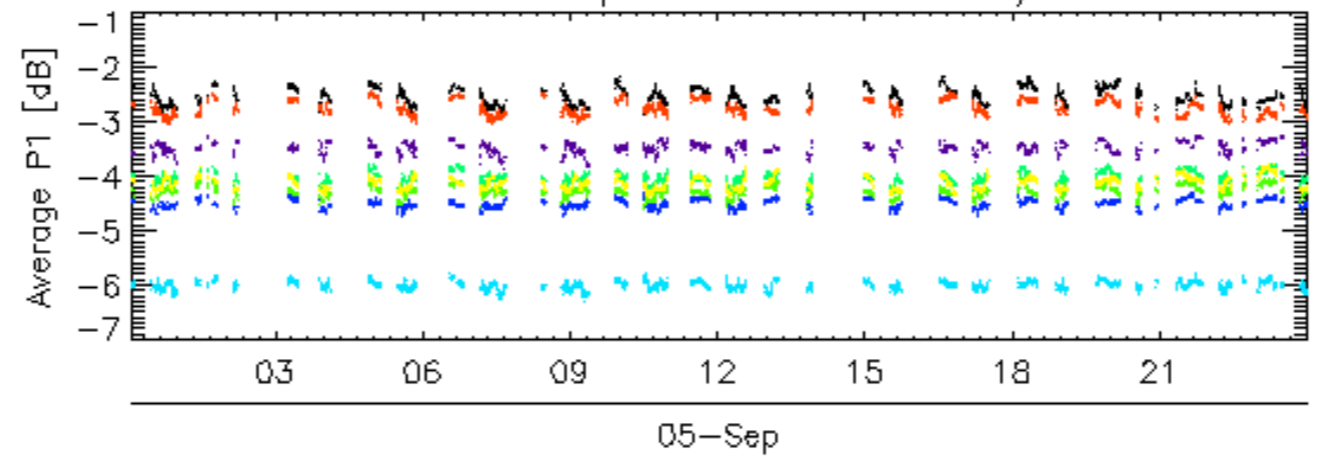


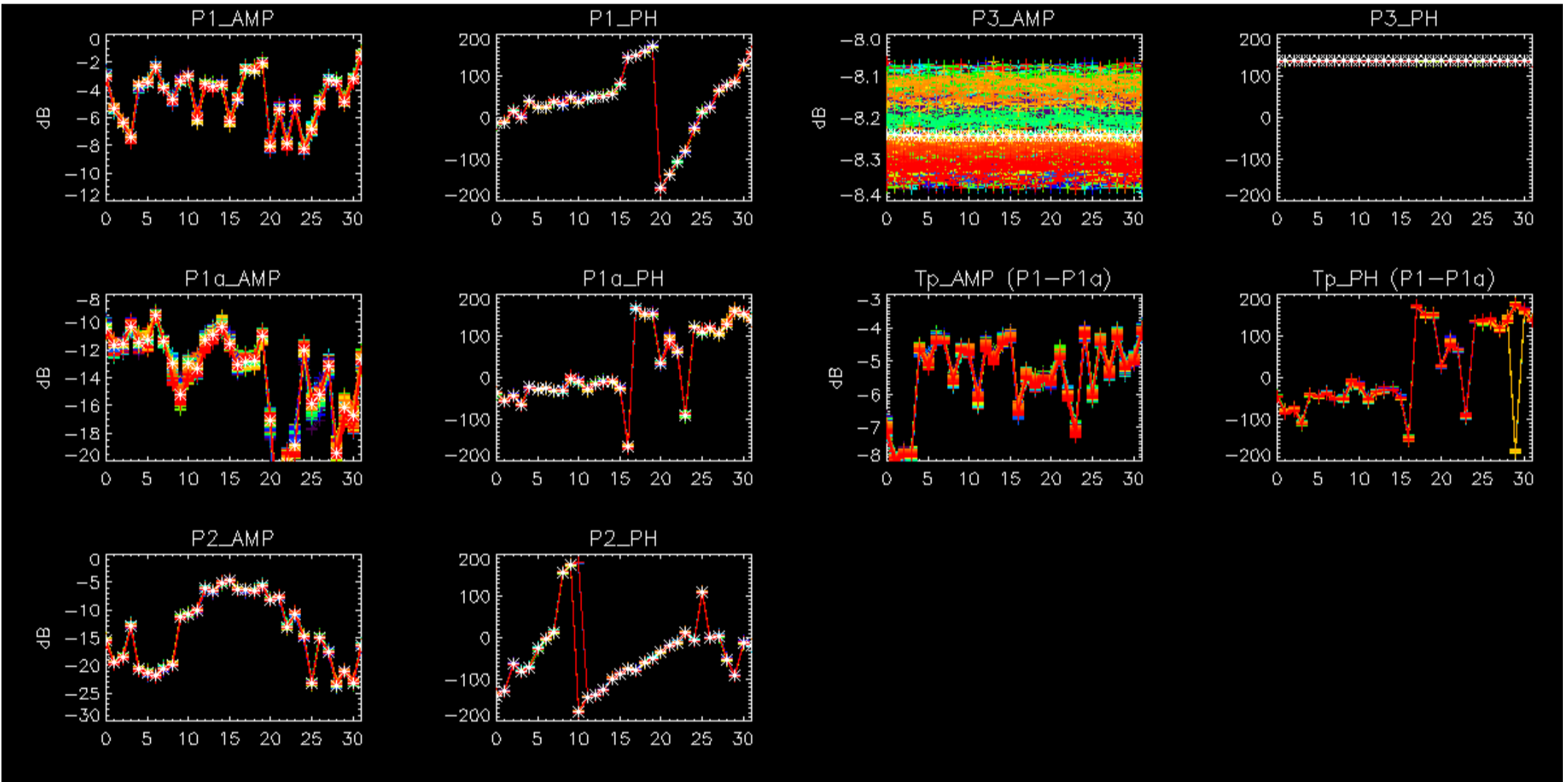
05-Sep

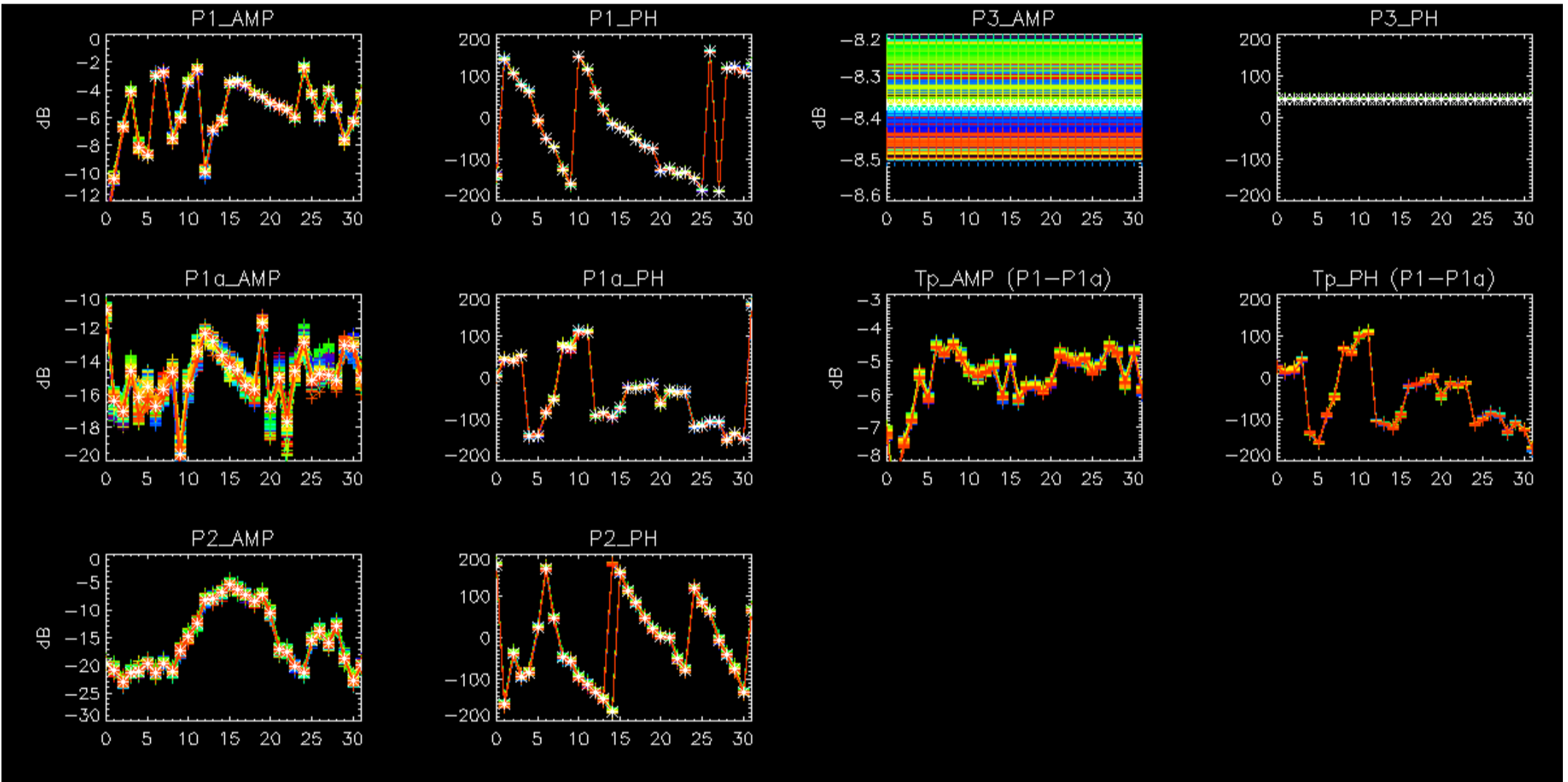
rows: \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31 \_ 7

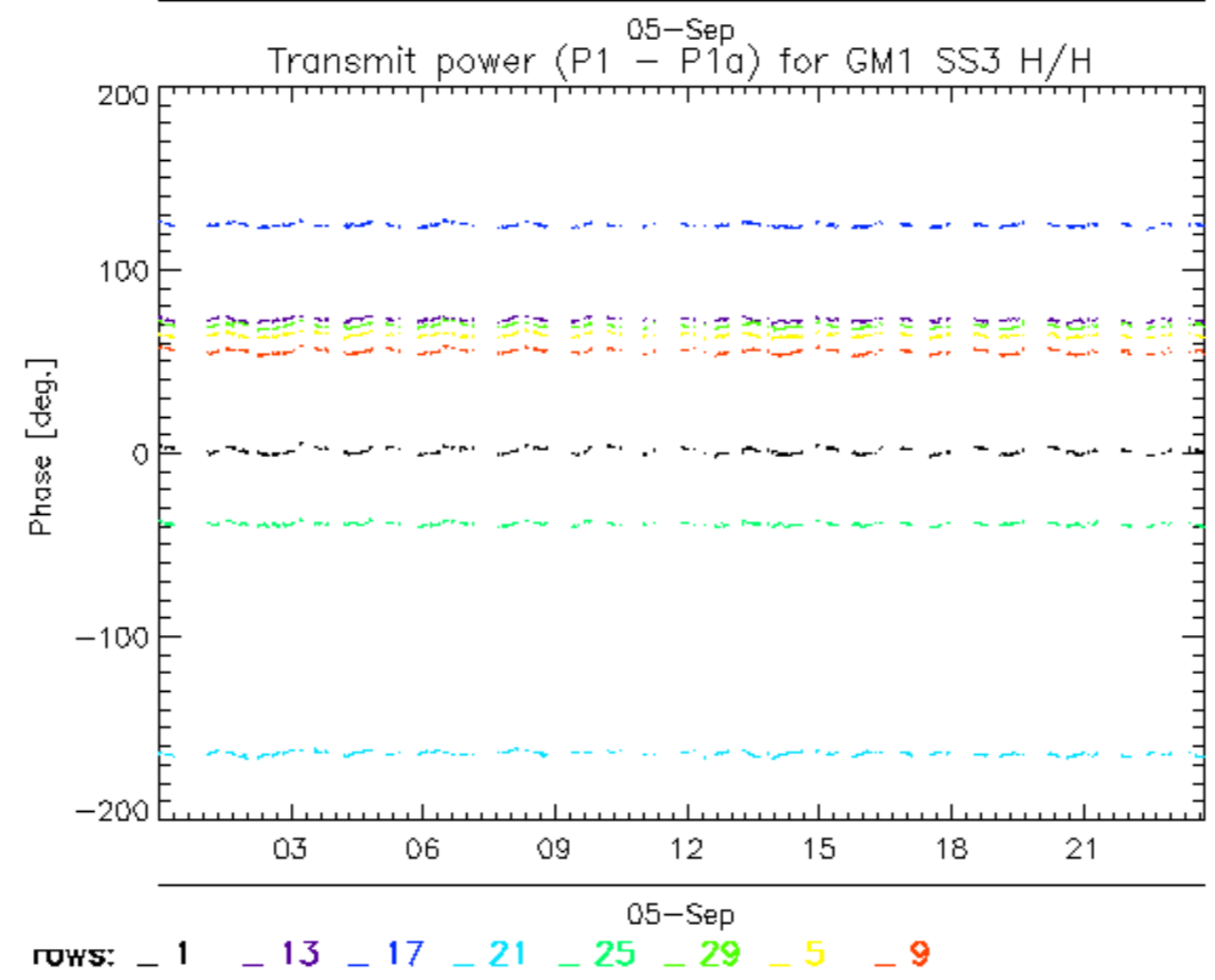
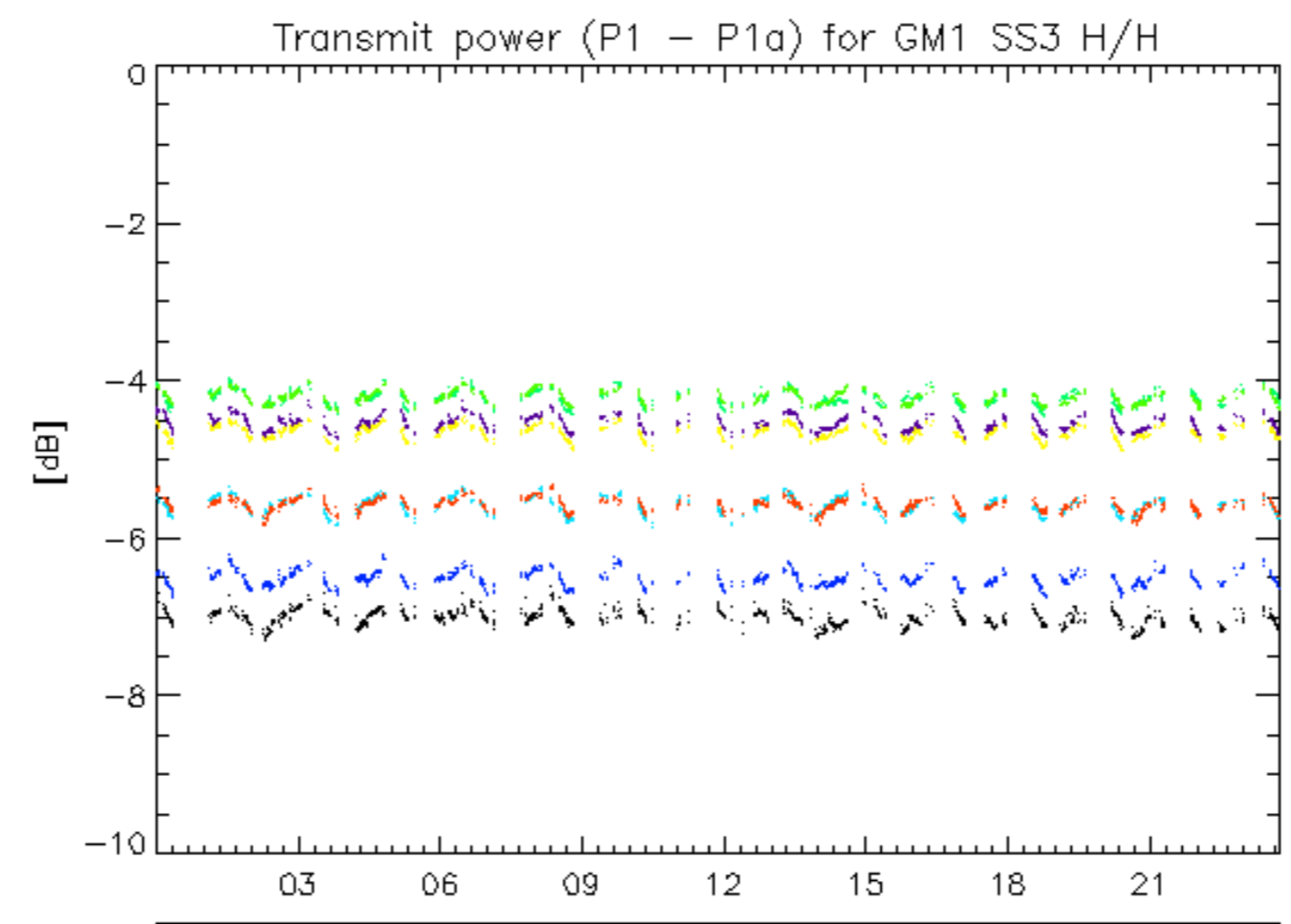


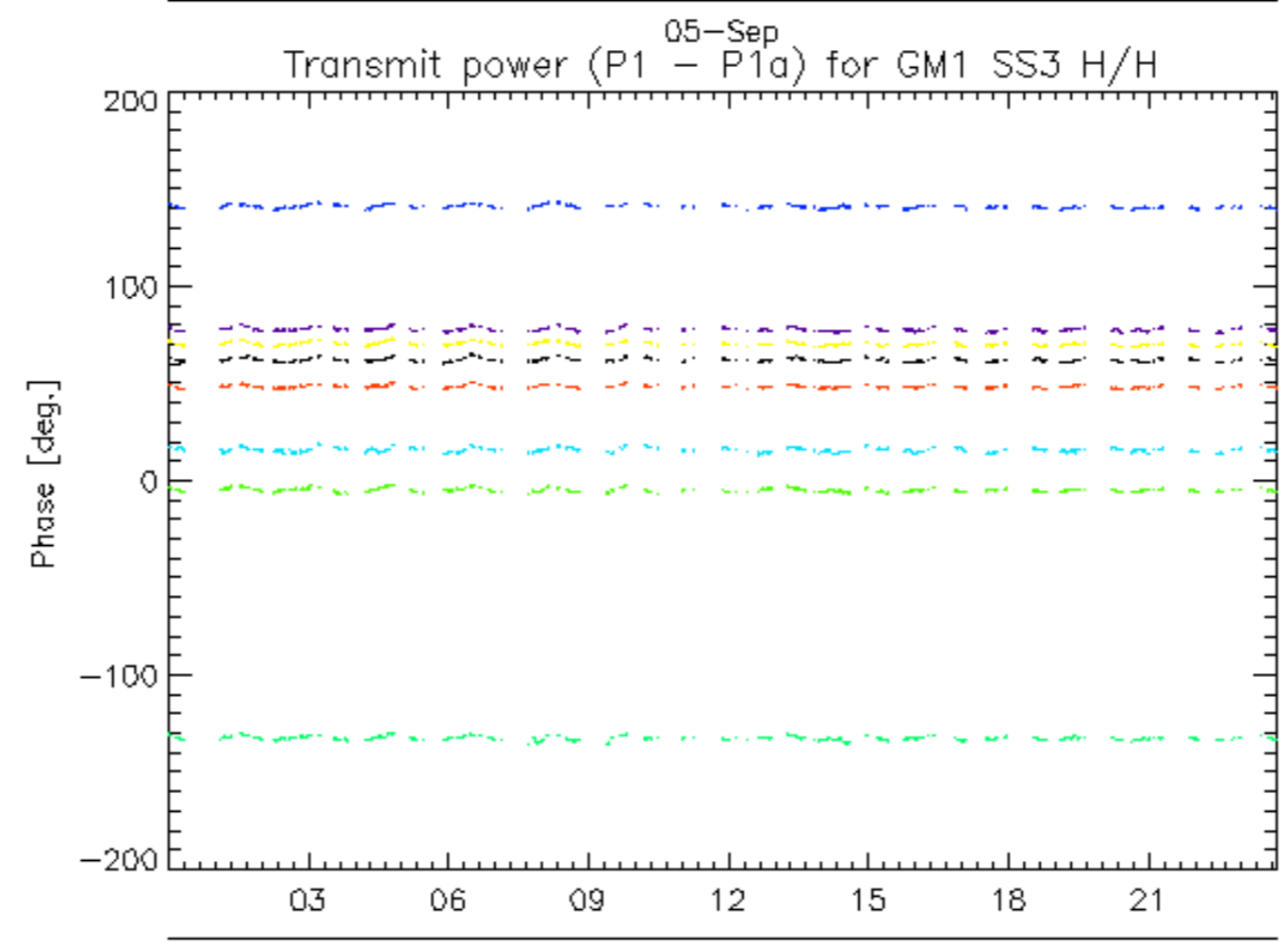
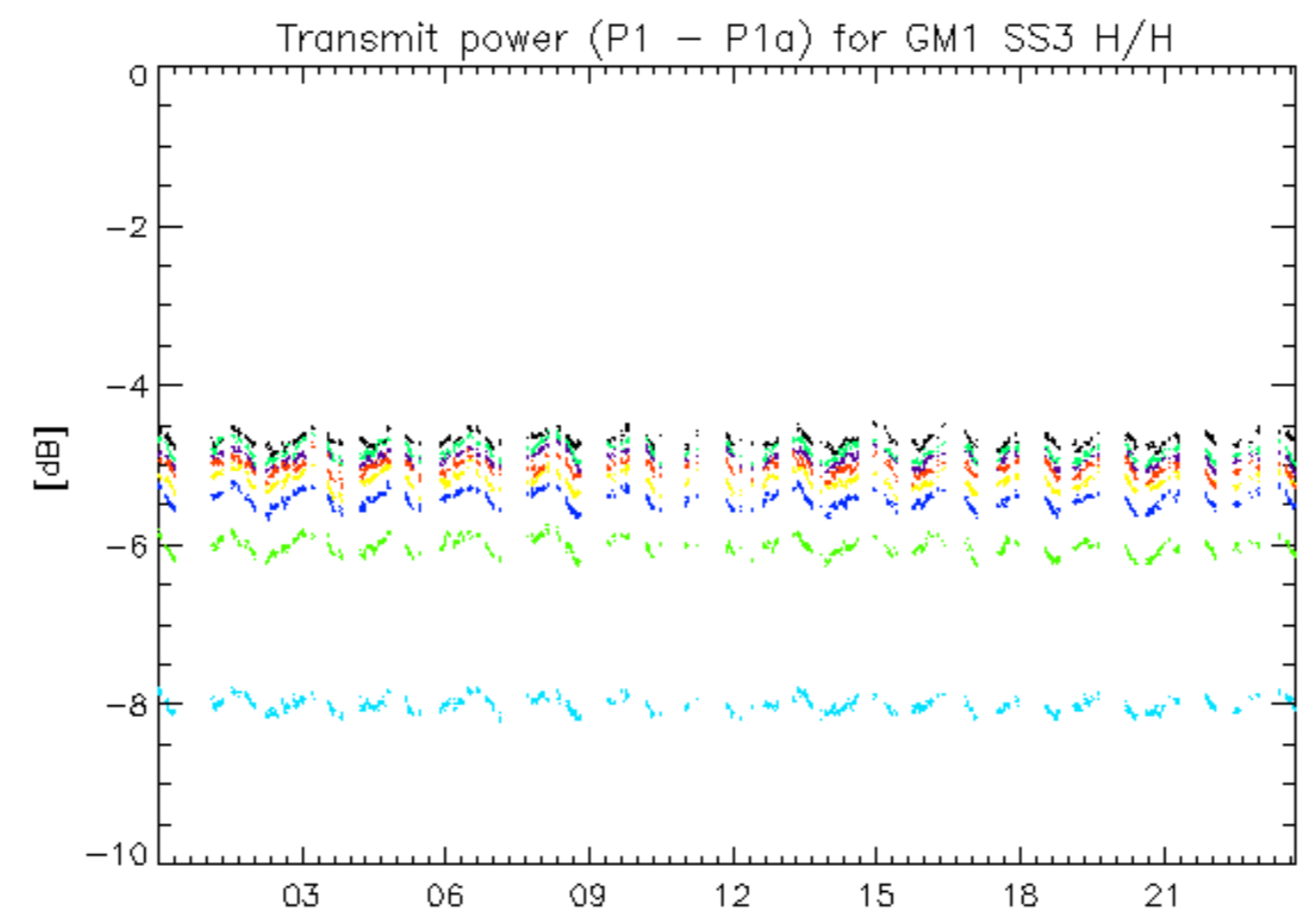
Calibration pulses for WVS IS2 V/V



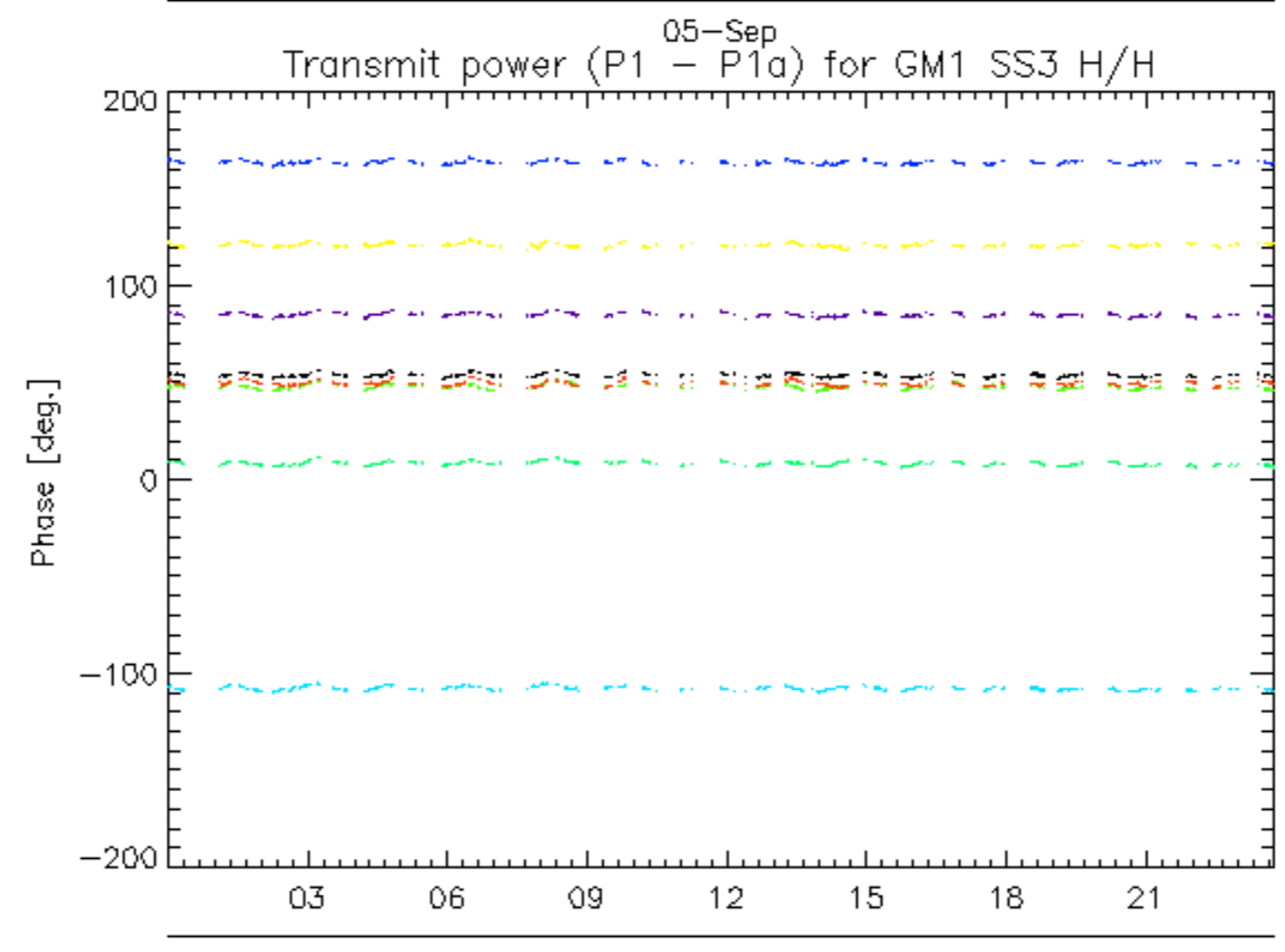
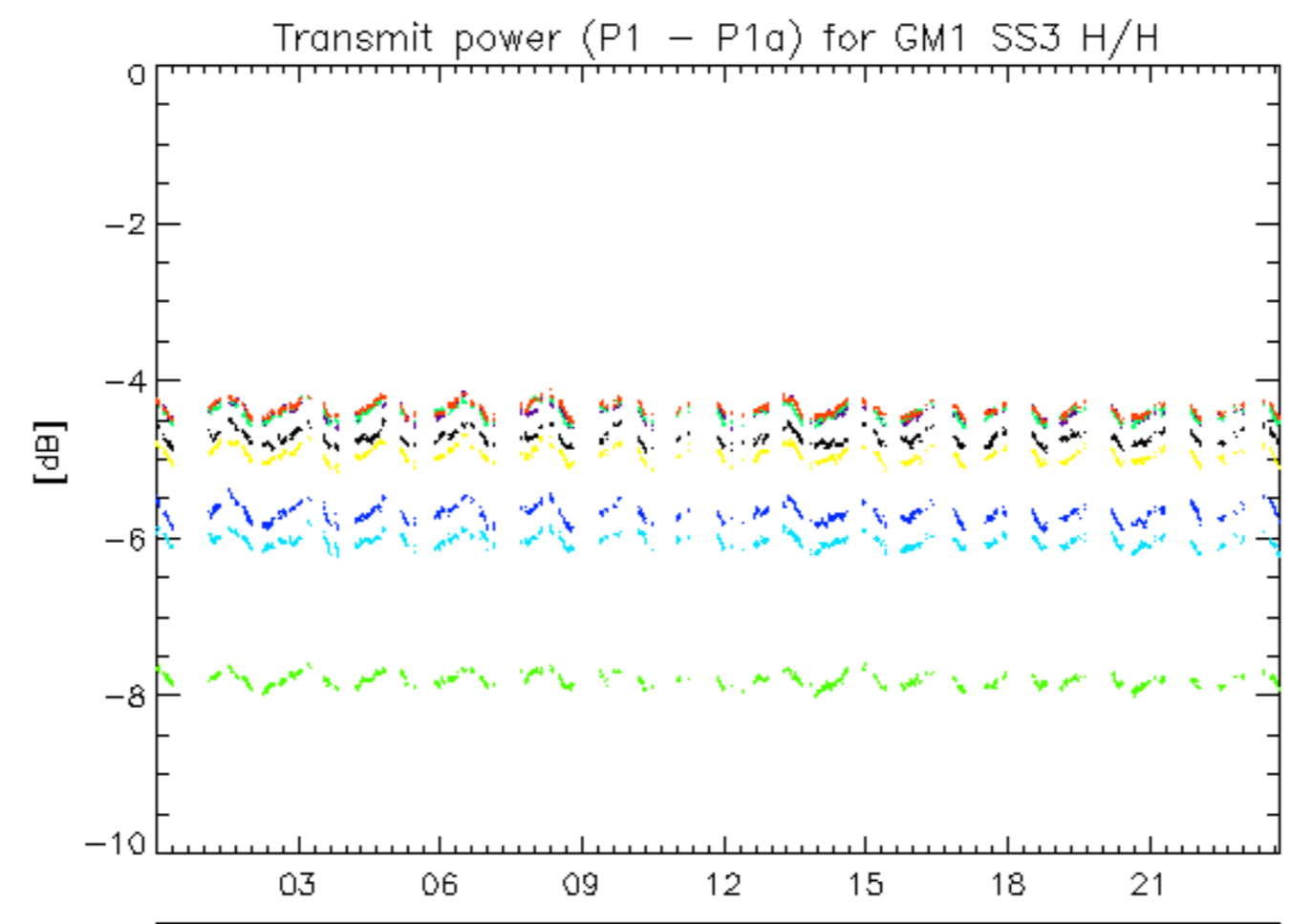




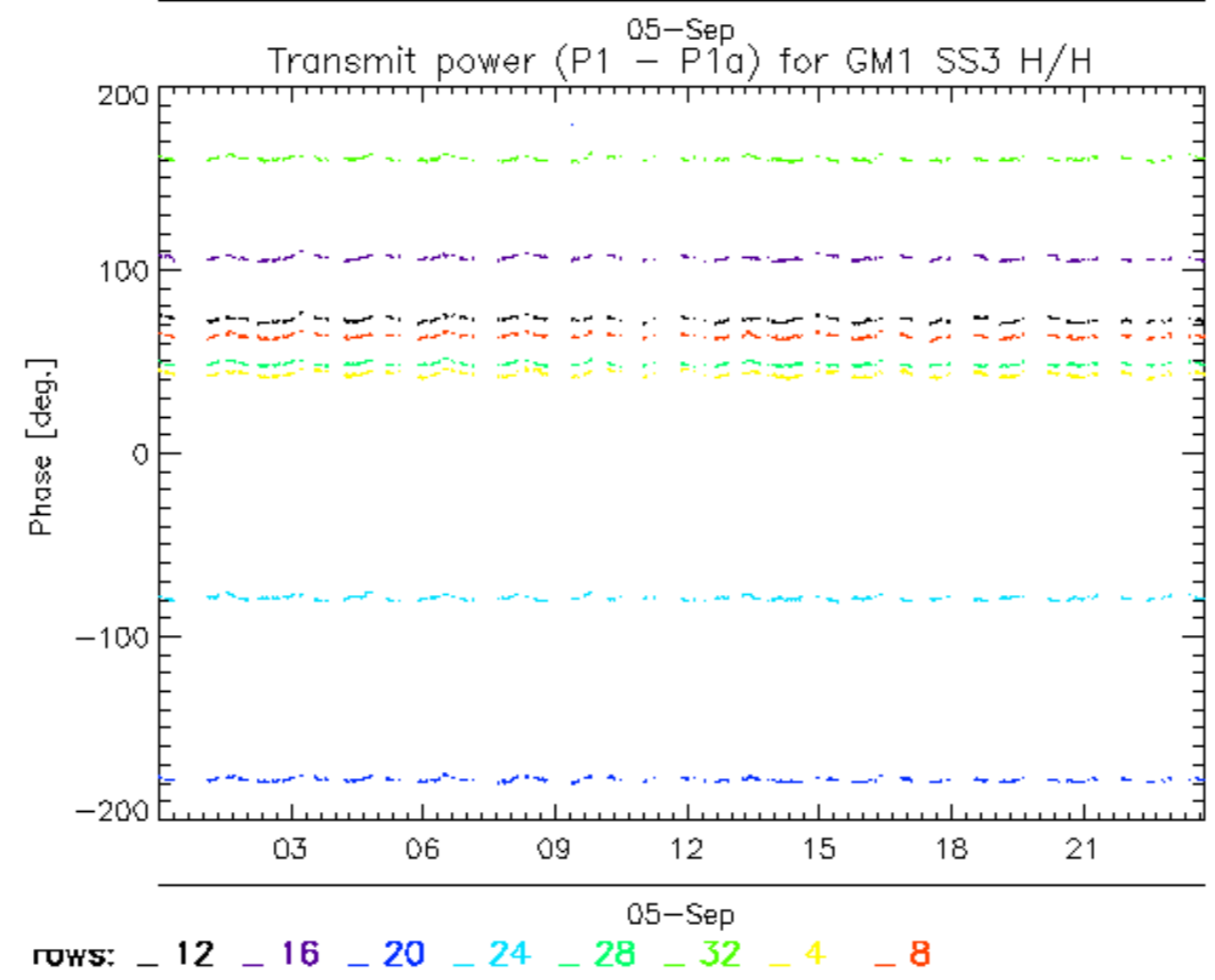
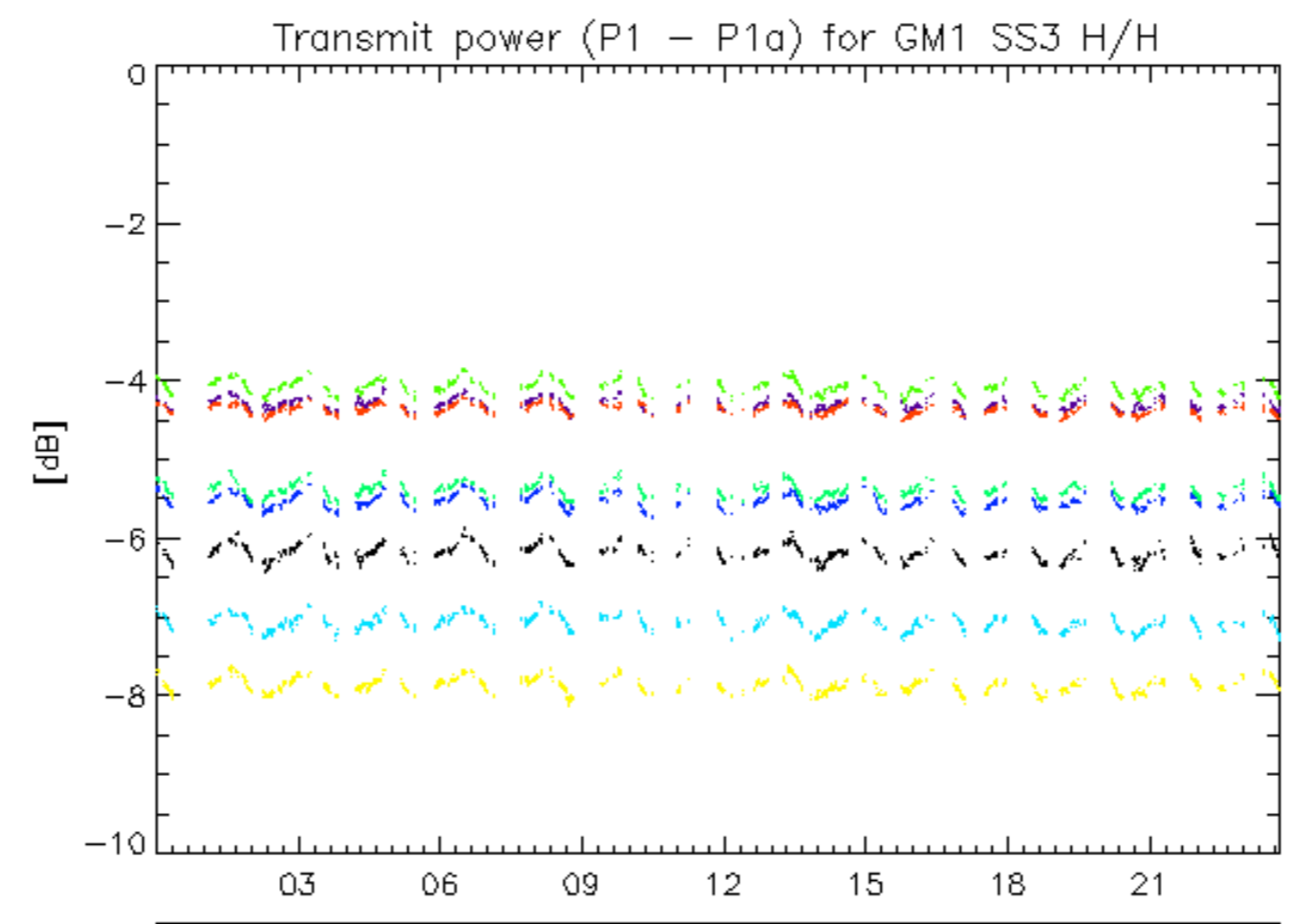


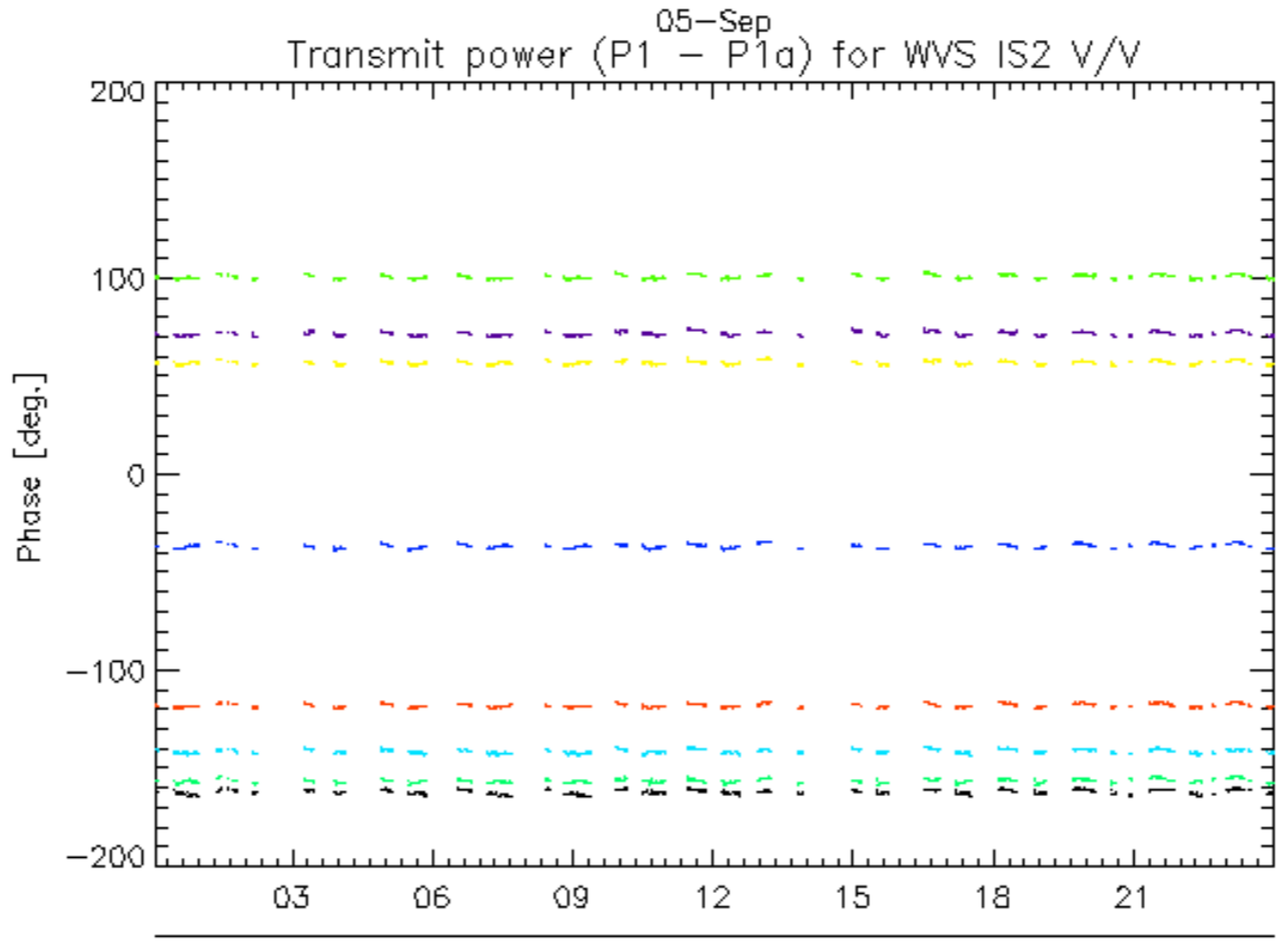
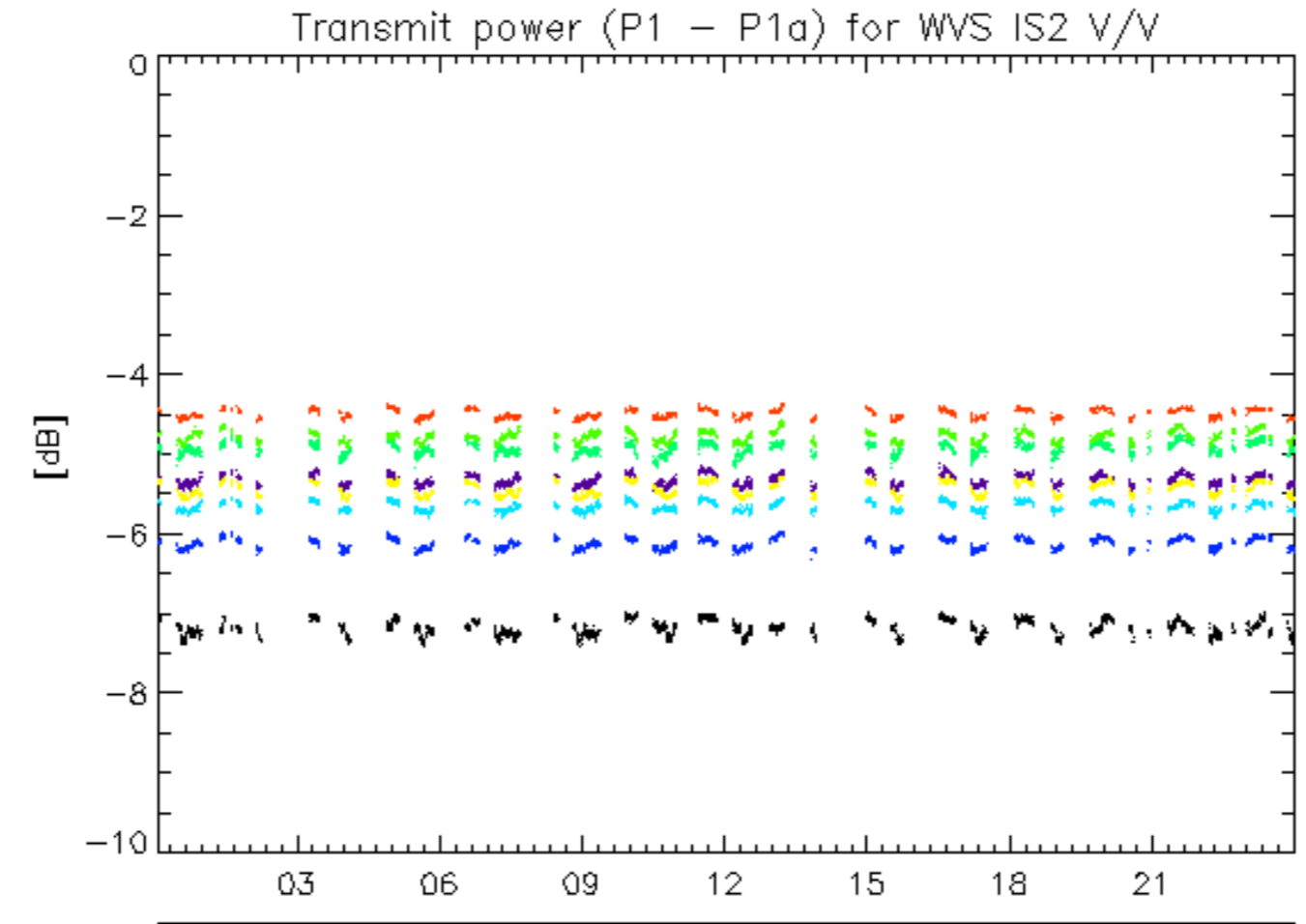


rows: \_ 10 \_ 14 \_ 18 \_ 2 \_ 22 \_ 26 \_ 30 \_ 6



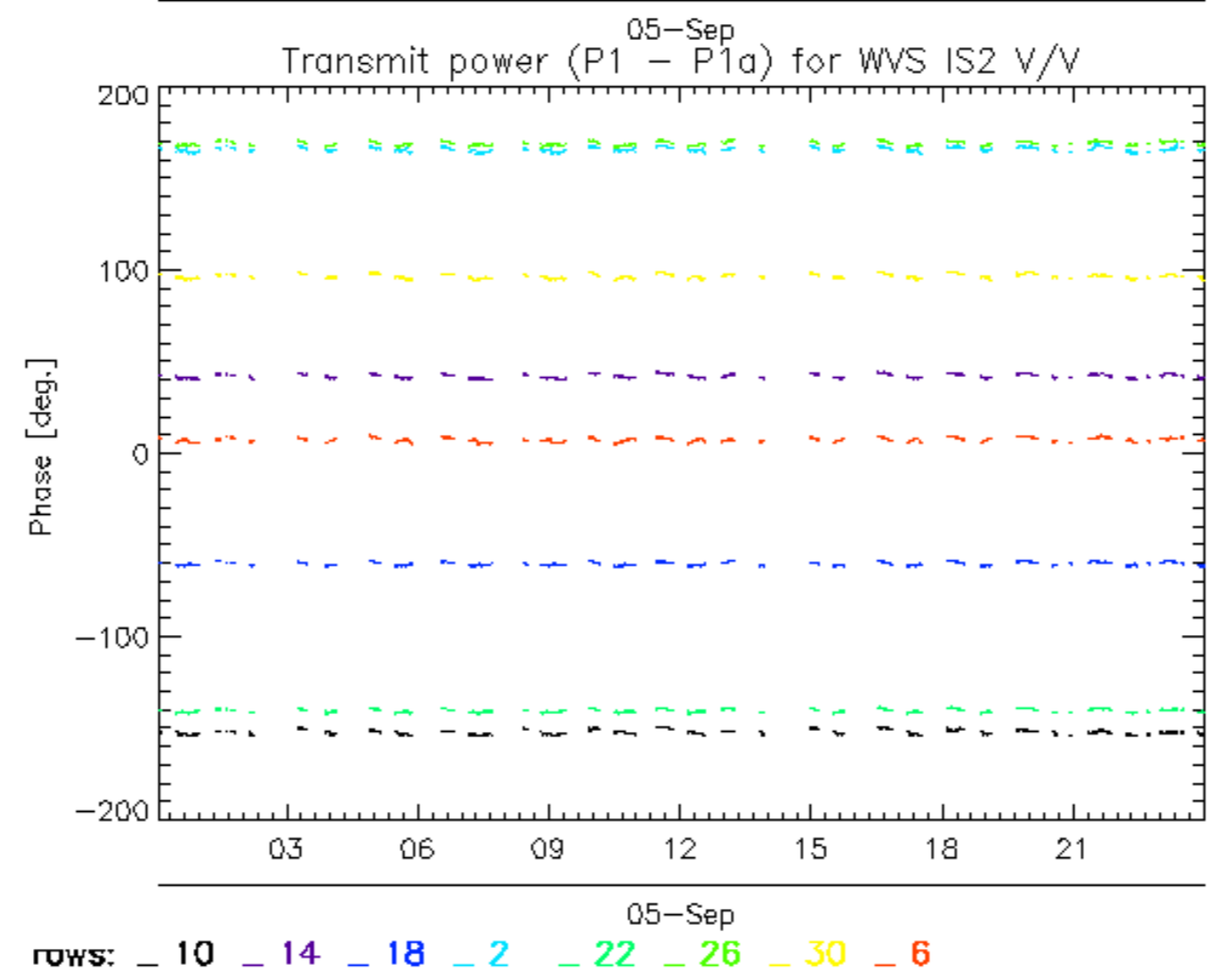
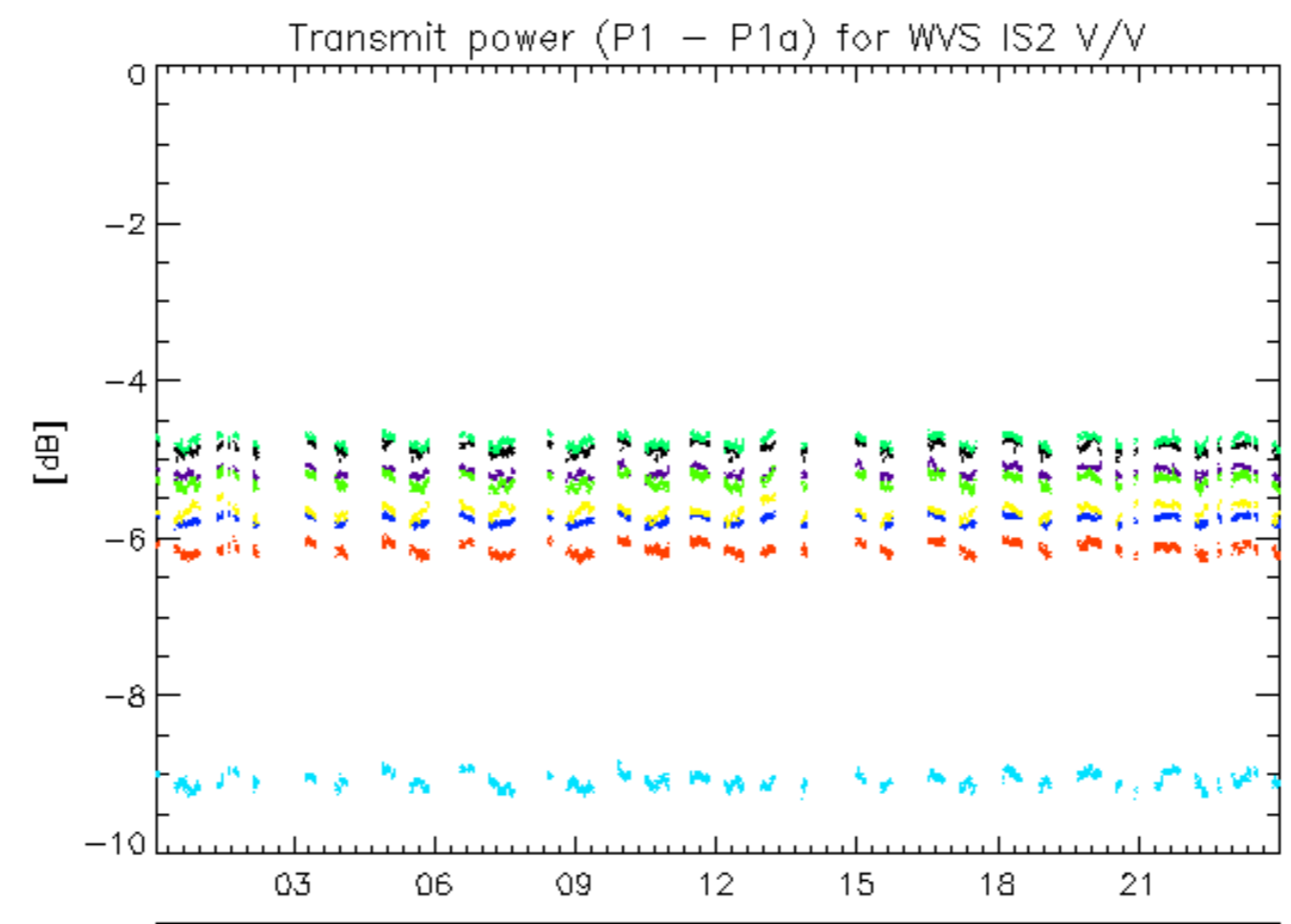
rows: \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31 \_ 7

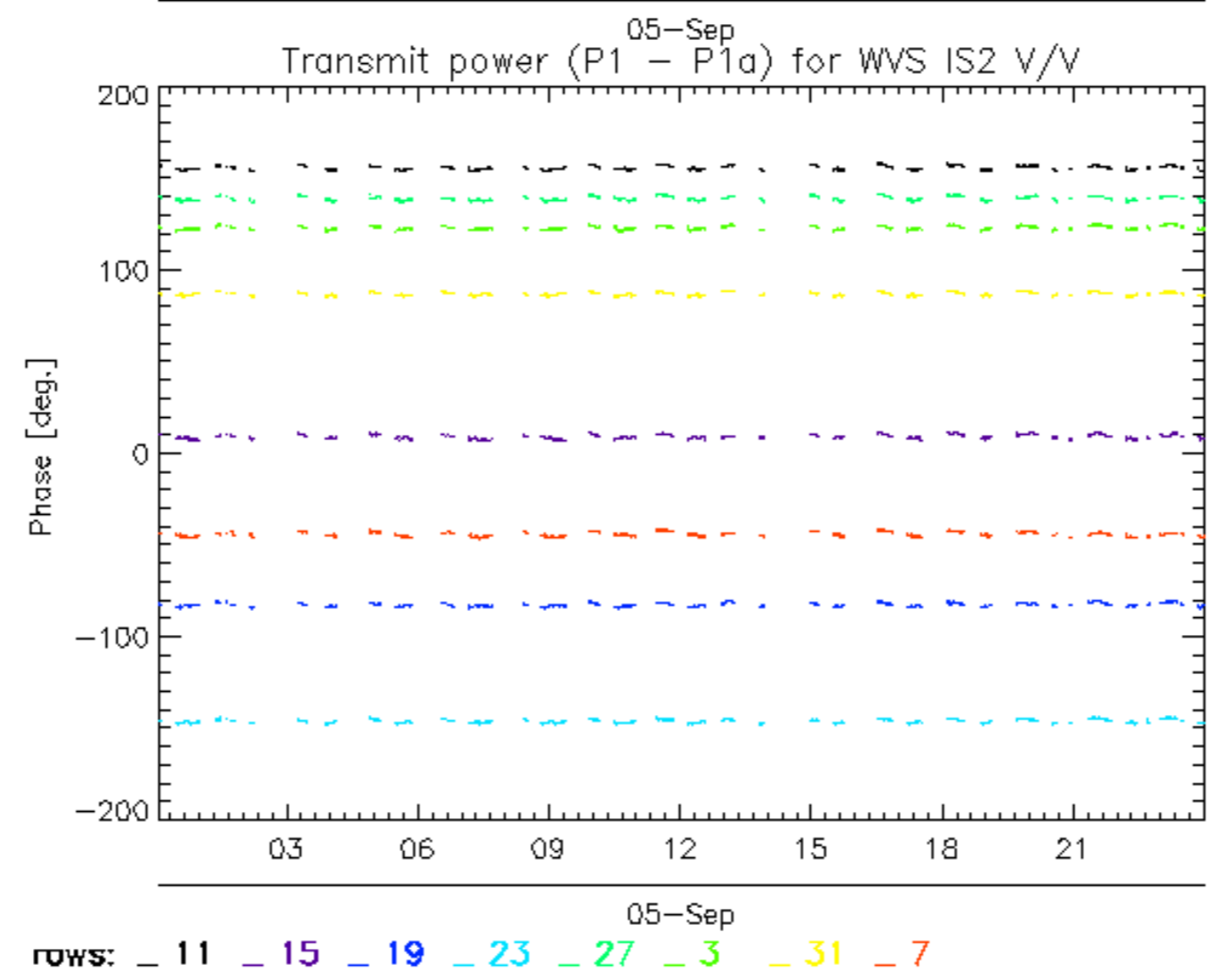
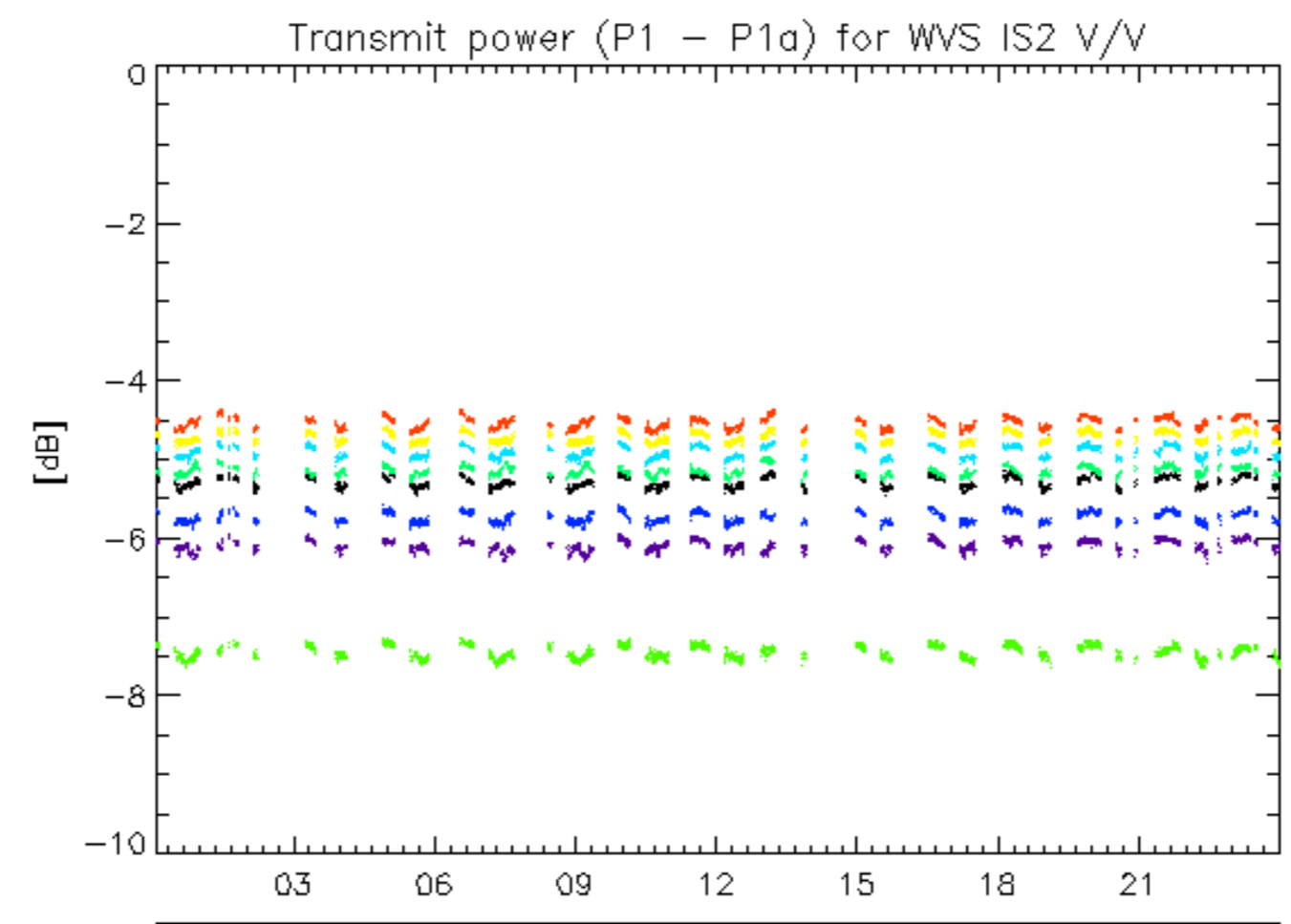


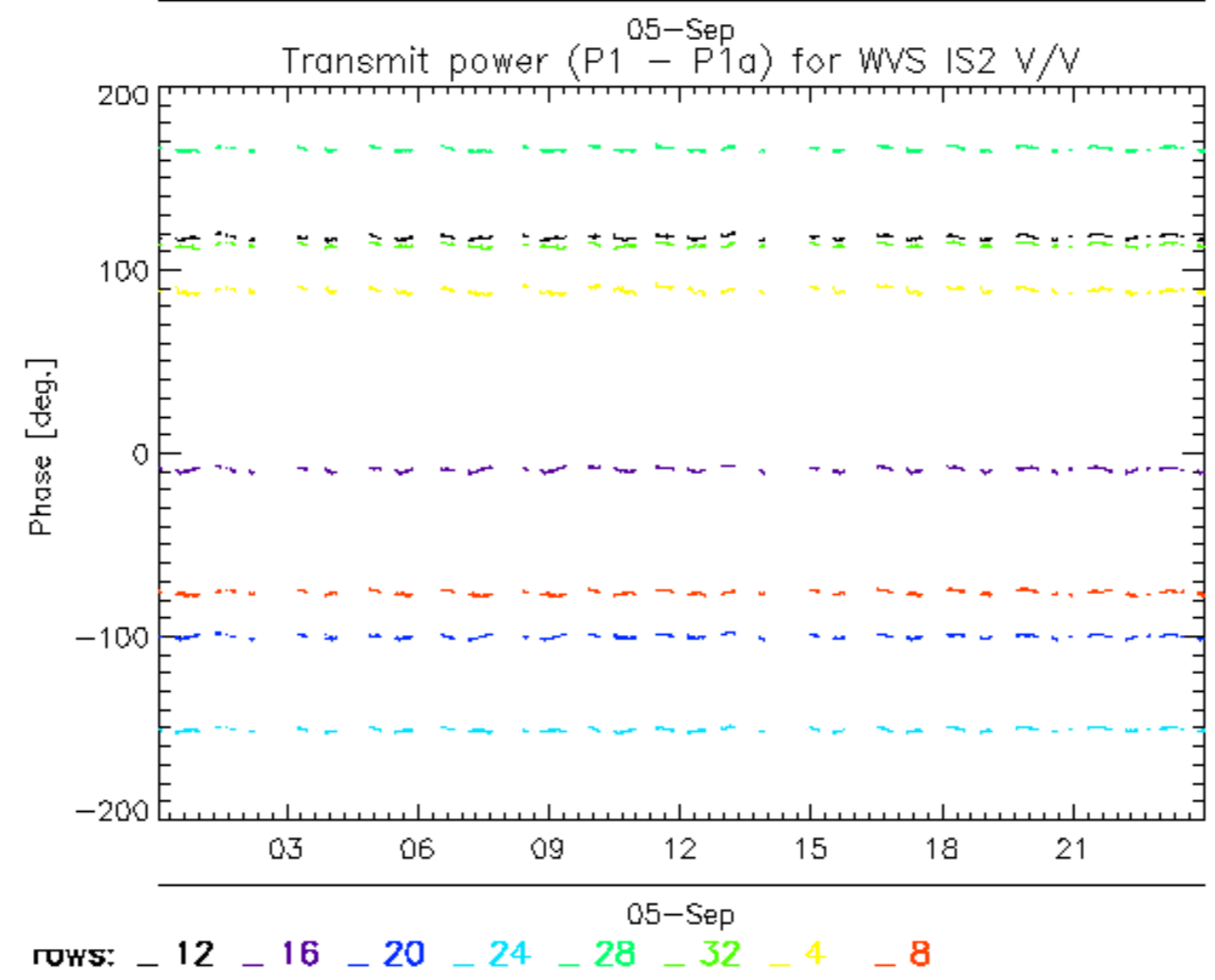
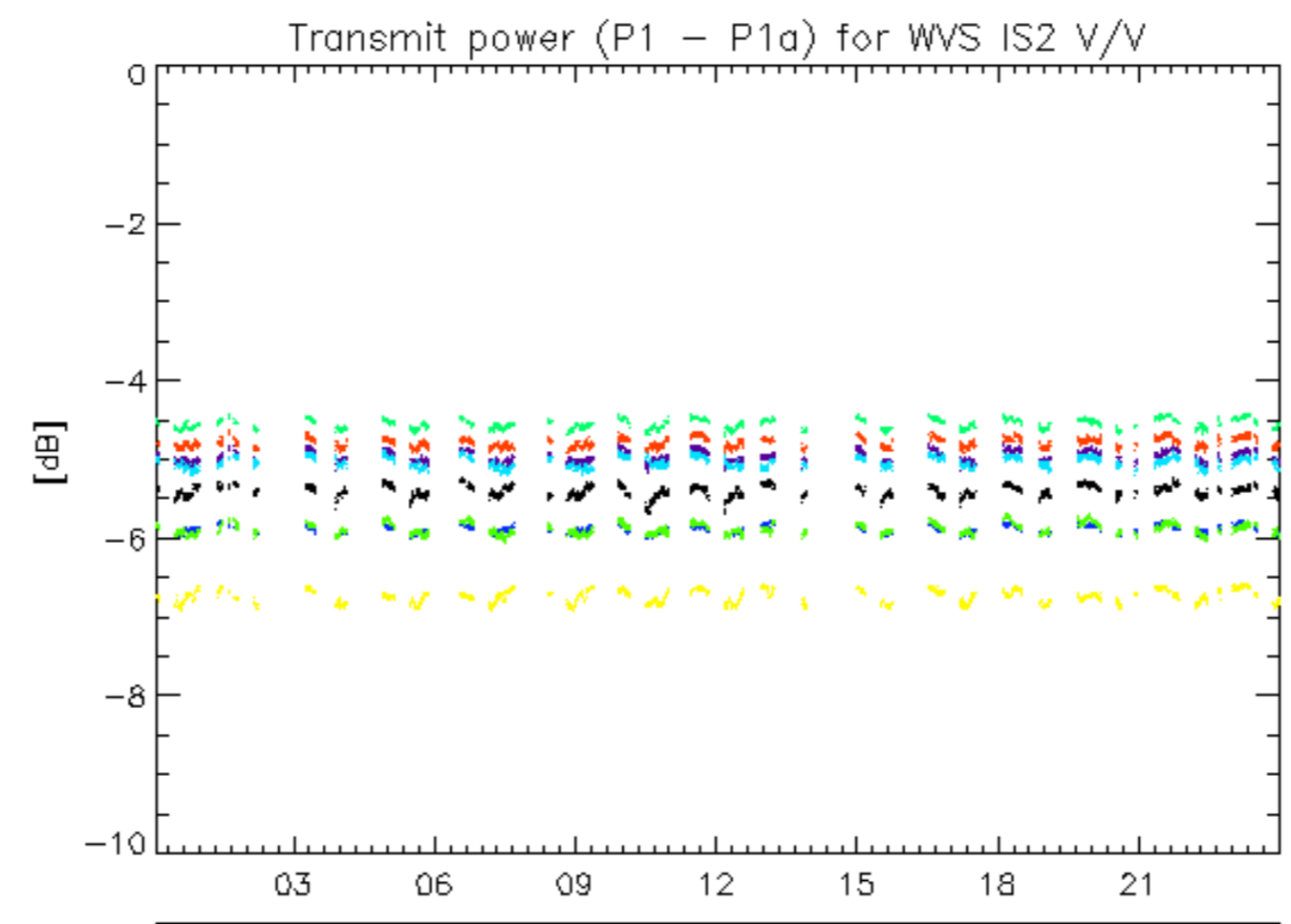


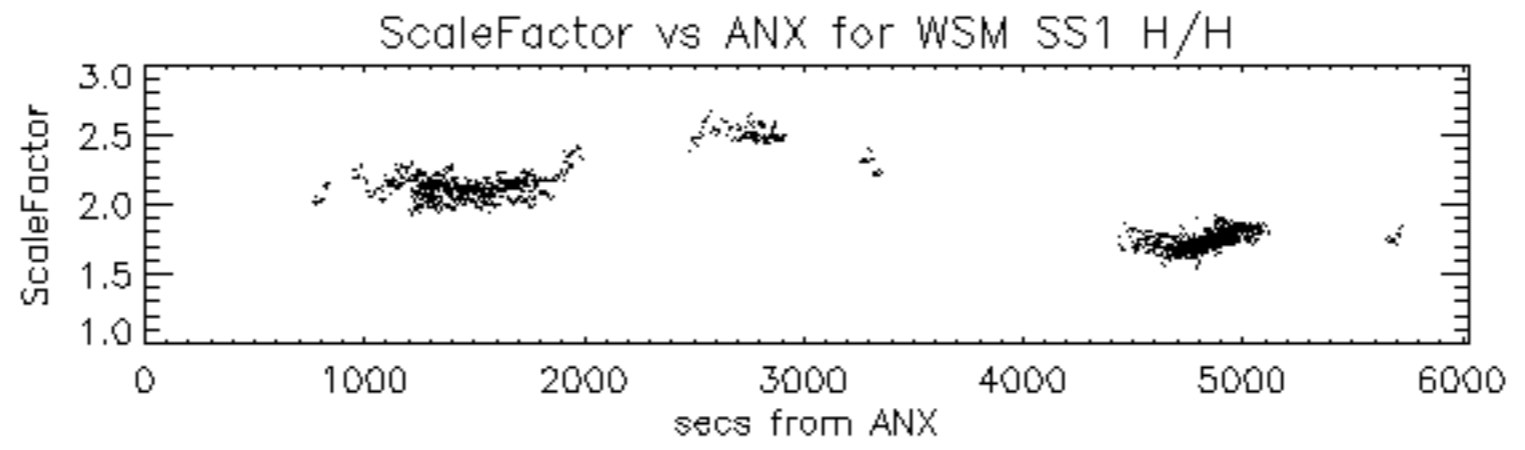
rows: \_ 1 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29 \_ 5 \_ 9

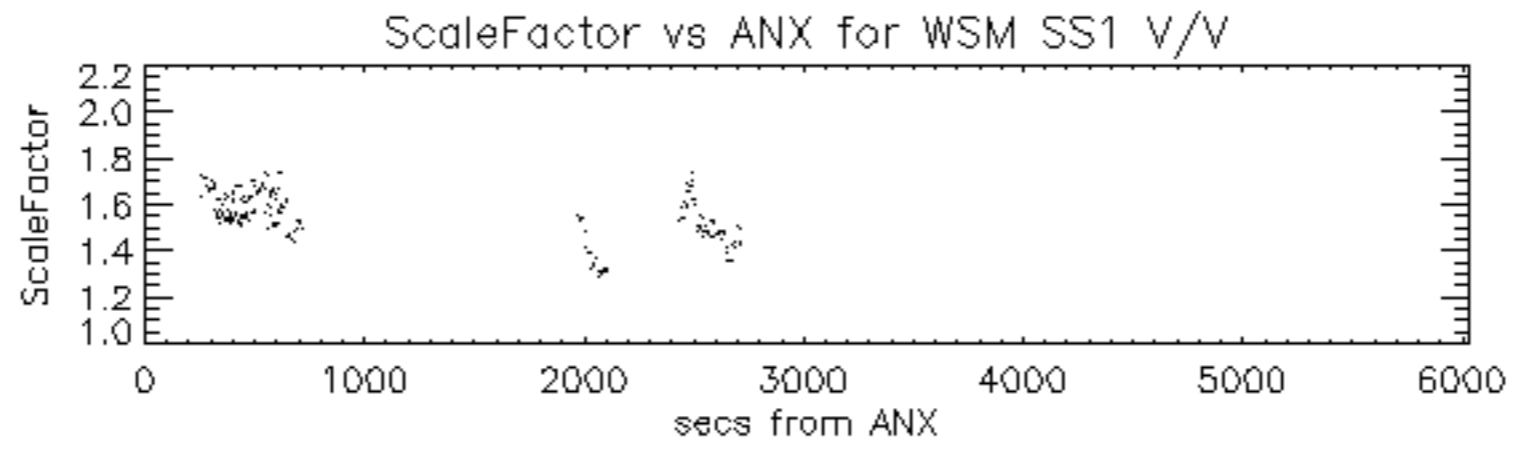


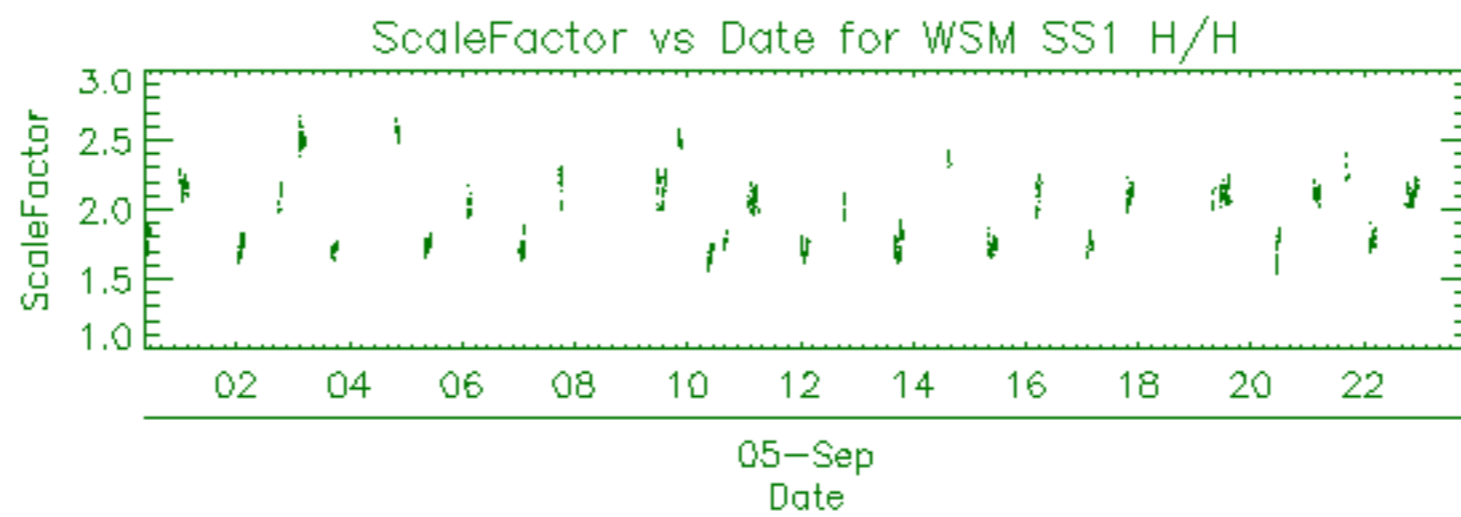


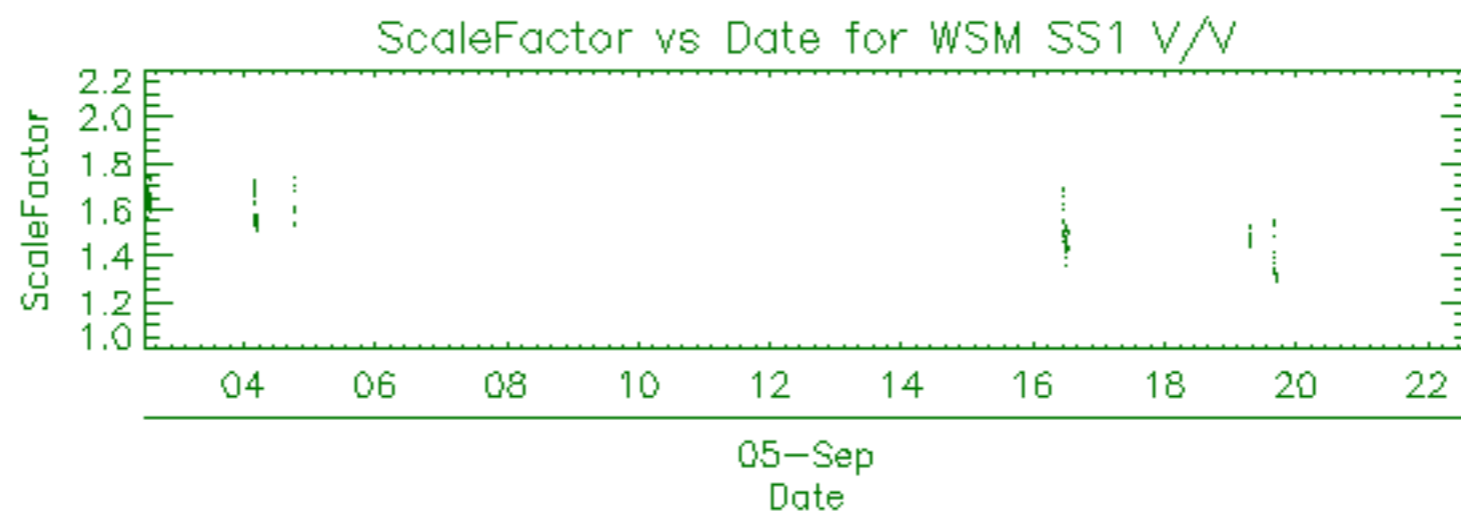












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20110905_014315_000000423106_00175_49758_6782.N1						IS1	V/H	106	49758	175	5.04
ASA_APM_1PNPDE20110905_081324_000003593106_00179_49762_6931.N1						IS4	V/H	106	49762	179	5.04
ASA_APM_1PNPDK20110905_131811_000000883106_00182_49765_5646.N1						IS4	V/H	106	49765	182	5.04
ASA_APM_1PNPDE20110905_145342_000001573106_00183_49766_6980.N1						IS4	V/H	106	49766	183	5.04
ASA_APM_1PNPDK20110905_210039_000000423106_00187_49770_5789.N1						IS4	H/H	106	49770	187	5.04





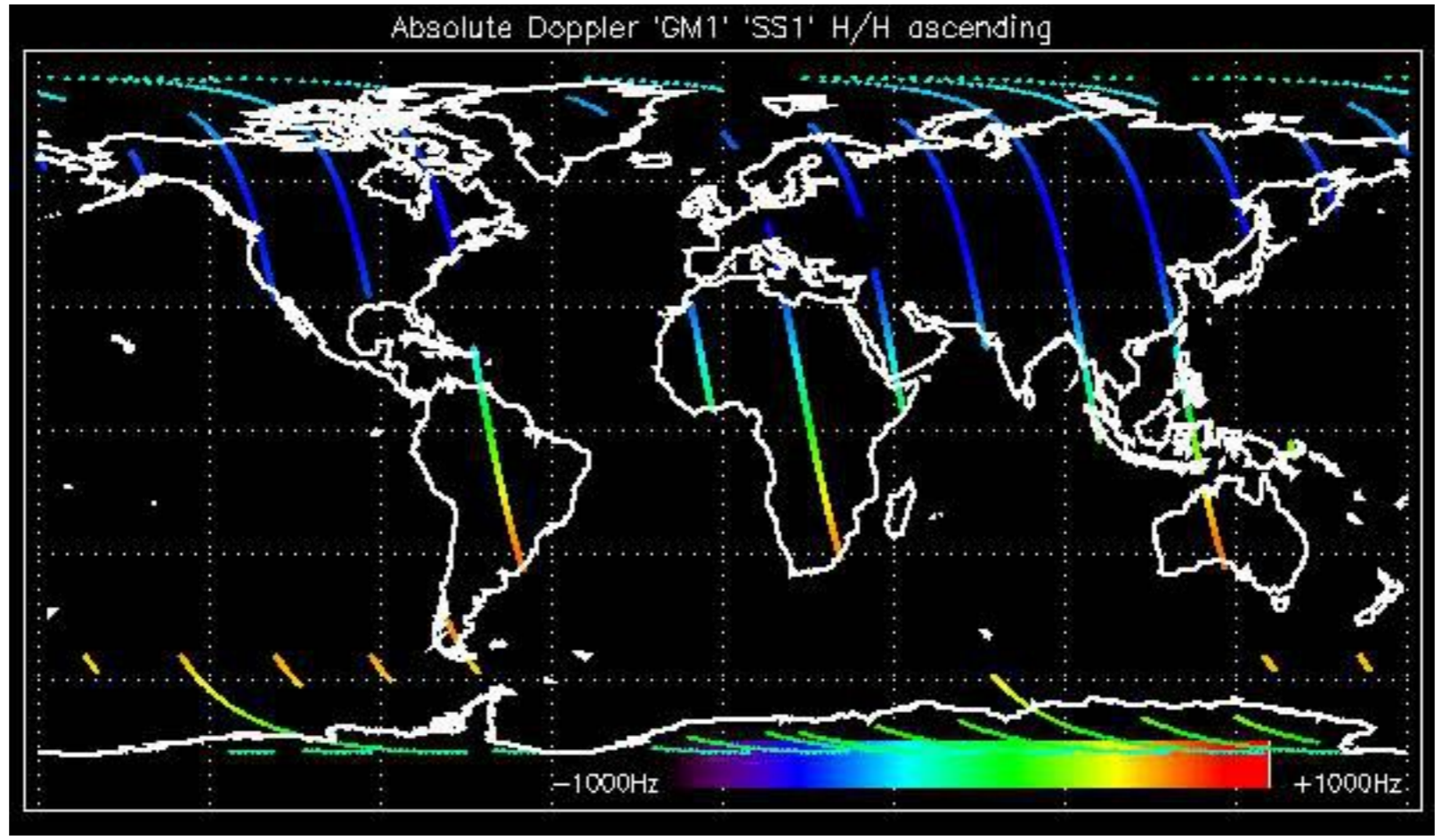
ASA_GM1_1PNPDK20110905_192054_000002053106_00186_49769_5770.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_192309_000002473106_00186_49769_5787.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_192954_000000783106_00186_49769_5788.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_193758_000000783106_00186_49769_5790.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_201212_000008343106_00186_49769_5792.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_203749_000010693106_00186_49769_5793.N1	SS1	H/H	106	49769	186	5.04
ASA_GM1_1PNPDK20110905_205716_000002053106_00187_49770_5795.N1	SS1	H/H	106	49770	187	5.04
ASA_GM1_1PNPDE20110905_210545_000000663106_00187_49770_7041.N1	SS1	H/H	106	49770	187	5.04
ASA_GM1_1PNPDE20110905_211334_000004163106_00187_49770_7047.N1	SS1	H/H	106	49770	187	5.04
ASA_GM1_1PNPDE20110905_215226_000008043106_00187_49770_7045.N1	SS1	H/H	106	49770	187	5.04
ASA_GM1_1PNPDE20110905_222809_000004283106_00188_49771_7068.N1	SS1	H/H	106	49771	188	5.04
ASA_GM1_1PNPDE20110905_224824_000000783106_00188_49771_7069.N1	SS1	H/H	106	49771	188	5.04
ASA_GM1_1PNPDE20110905_225701_000001873106_00188_49771_7072.N1	SS1	H/H	106	49771	188	5.04
ASA_GM1_1PNPDE20110905_232353_000001323106_00188_49771_7073.N1	SS1	H/H	106	49771	188	5.04
ASA_GM1_1PNPDE20110905_233239_000007673106_00188_49771_7077.N1	SS1	H/H	106	49771	188	5.04

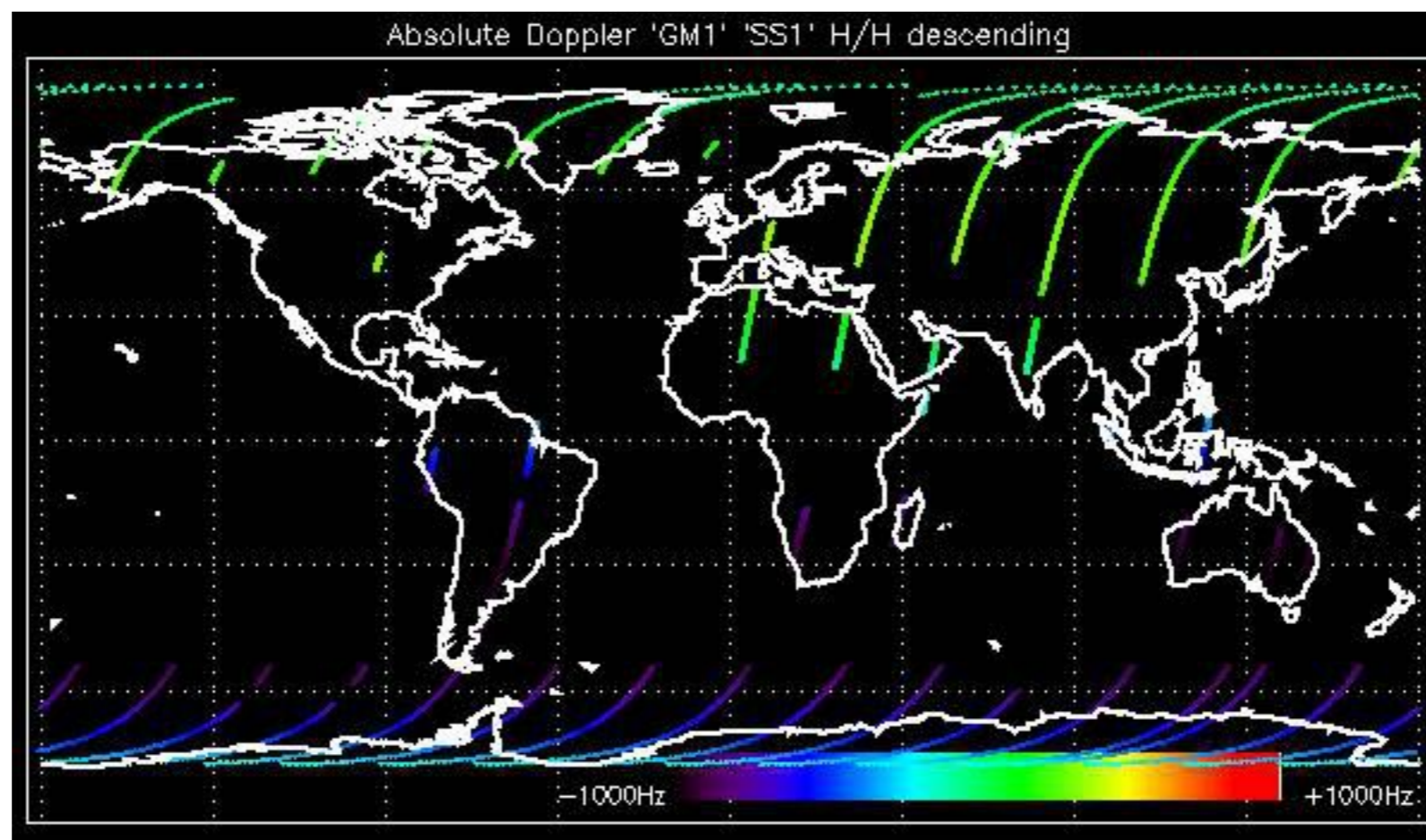
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20110905_013121_000000513106_00175_49758_6781.N1						IS4	H/H	106	49758	175	5.04
ASA_IMM_1PNPDE20110905_030353_000000373106_00176_49759_6807.N1						IS1	H/H	106	49759	176	5.04
ASA_IMM_1PNPDE20110905_035200_000001033106_00176_49759_6843.N1						IS6	H/H	106	49759	176	5.04
ASA_IMM_1PNPDE20110905_062255_000002973106_00178_49761_6887.N1						IS6	H/H	106	49761	178	5.04
ASA_IMM_1PNPDE20110905_080316_000000673106_00179_49762_6918.N1						IS6	H/H	106	49762	179	5.04
ASA_IMM_1PNPDE20110905_081017_000001093106_00179_49762_6924.N1						IS2	H/H	106	49762	179	5.04
ASA_IMM_1PNPDK20110905_123559_000000673106_00182_49765_5612.N1						IS6	H/H	106	49765	182	5.04
ASA_IMM_1PNPDE20110905_162459_000000523106_00184_49767_7016.N1						IS6	H/H	106	49767	184	5.04
ASA_IMM_1PNPDE20110905_180103_000003293106_00185_49768_7035.N1						IS6	H/H	106	49768	185	5.04
ASA_IMM_1PNPDE20110905_180636_000000363106_00185_49768_7034.N1						IS1	V/V	106	49768	185	5.04
ASA_IMM_1PNPDE20110905_185951_000000373106_00185_49768_7036.N1						IS6	H/H	106	49768	185	5.04
ASA_IMM_1PNPDE20110905_232608_000000563106_00188_49771_7082.N1						IS2	H/H	106	49771	188	5.04

Filename	Pol	Timestamp	count(Module)				
ASA_MS__0PNPDK20110905_151257_000000163106_00183_49766_0755.N1	H	2011-09-05 15:12:57	320				
ASA_MS__0PNPDK20110905_165311_000000163106_00184_49767_0756.N1	V	2011-09-05 16:53:11	320				

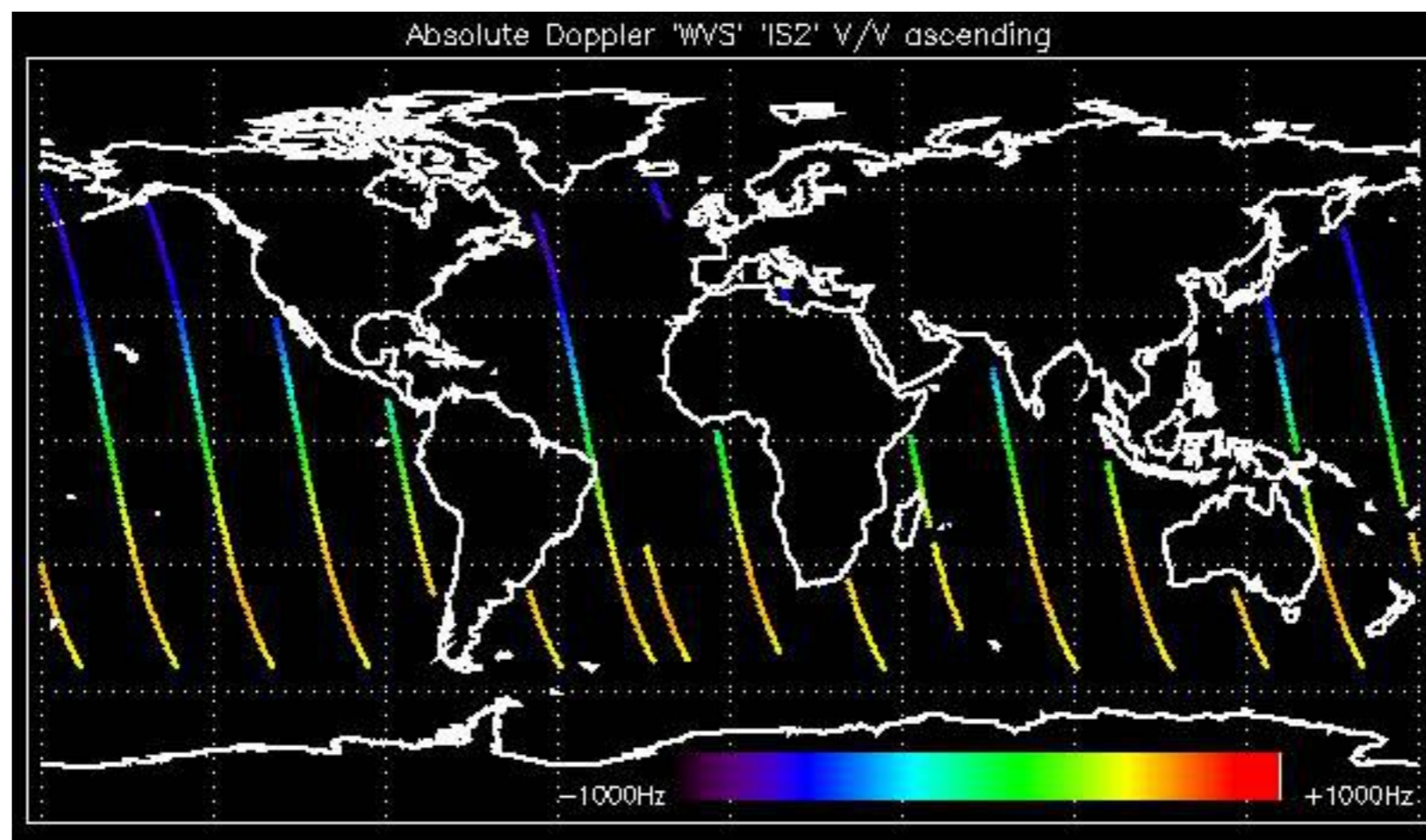
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20110905_002213_000003923106_00174_49757_6757.N1						SS1	H/H	106	49757	174	5.04
ASA_WSM_1PNPDE20110905_005943_000004653106_00175_49758_6780.N1						SS1	H/H	106	49758	175	5.04
ASA_WSM_1PNPDE20110905_0220201_000003923106_00175_49758_6783.N1						SS1	H/H	106	49758	175	5.04
ASA_WSM_1PNPDK20110905_022945_000003363106_00176_49759_5383.N1						SS1	V/V	106	49759	176	5.04
ASA_WSM_1PNPDE20110905_024452_000002083106_00176_49759_6813.N1						SS1	H/H	106	49759	176	5.04
ASA_WSM_1PNPDE20110905_030537_000003553106_00176_49759_6808.N1						SS1	H/H	106	49759	176	5.04
ASA_WSM_1PNPDE20110905_031138_000000923106_00176_49759_6809.N1						SS1	H/H	106	49759	176	5.04
ASA_WSM_1PNPDE20110905_034056_000003923106_00176_49759_6842.N1						SS1	H/H	106	49759	176	5.04
ASA_WSM_1PNPDK20110905_040842_000002693106_00177_49760_5404.N1						SS1	V/V	106	49760	177	5.04
ASA_WSM_1PNPDE20110905_044456_000000923106_00177_49760_6846.N1						SS1	V/V	106	49760	177	5.04
ASA_WSM_1PNPDE20110905_045009_000001473106_00177_49760_6848.N1						SS1	H/H	106	49760	177	5.04
ASA_WSM_1PNPDE20110905_051929_000004533106_00177_49760_6886.N1						SS1	H/H	106	49760	177	5.04
ASA_WSM_1PNPDE20110905_060611_000002083106_00178_49761_6885.N1						SS1	H/H	106	49761	178	5.04
ASA_WSM_1PNPDK20110905_070117_000003433106_00178_49761_5441.N1						SS1	H/H	106	49761	178	5.04
ASA_WSM_1PNPDK20110905_074347_000002083106_00179_49762_5443.N1						SS1	H/H	106	49762	179	5.04
ASA_WSM_1PNPDK20110905_092717_000001533106_00180_49763_5522.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDK20110905_093148_000001533106_00180_49763_5513.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDE20110905_093330_000002513106_00180_49763_6958.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDK20110905_093425_000000923106_00180_49763_5512.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDE20110905_095008_000002263106_00180_49763_6960.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDE20110905_102151_000003923106_00180_49763_6971.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDE20110905_103922_000000923106_00180_49763_6973.N1						SS1	H/H	106	49763	180	5.04
ASA_WSM_1PNPDE20110905_110533_000001163106_00181_49764_6972.N1						SS1	H/H	106	49764	181	5.04
ASA_WSM_1PNPDK20110905_110833_000004043106_00181_49764_5565.N1						SS1	H/H	106	49764	181	5.04
ASA_WSM_1PNPDK20110905_120111_000004533106_00181_49764_5611.N1						SS1	H/H	106	49764	181	5.04
ASA_WSM_1PNPDK20110905_124545_000001223106_00182_49765_5613.N1						SS1	H/H	106	49765	182	5.04
ASA_WSM_1PNPDK20110905_134023_000005143106_00182_49765_5662.N1						SS1	H/H	106	49765	182	5.04
ASA_WSM_1PNPDE20110905_143737_000001103106_00183_49766_6978.N1						SS1	H/H	106	49766	183	5.04
ASA_WSM_1PNPDE20110905_151943_000001903106_00183_49766_6981.N1						SS1	H/H	106	49766	183	5.04
ASA_WSM_1PNPDE20110905_152551_000002083106_00183_49766_6983.N1						SS1	H/H	106	49766	183	5.04
ASA_WSM_1PNPDE20110905_161028_000003303106_00184_49767_7015.N1						SS1	H/H	106	49767	184	5.04
ASA_WSM_1PNPDK20110905_162711_000002693106_00184_49767_5738.N1						SS1	V/V	106	49767	184	5.04
ASA_WSM_1PNPDE20110905_170555_000002753106_00184_49767_7014.N1						SS1	H/H	106	49767	184	5.04
ASA_WSM_1PNPDK20110905_174724_000002083106_00185_49768_5743.N1						SS1	H/H	106	49768	185	5.04
ASA_WSM_1PNPDE20110905_175022_000002263106_00185_49768_7017.N1						SS1	H/H	106	49768	185	5.04
ASA_WSM_1PNPDE20110905_191719_000000923106_00186_49769_7037.N1						SS1	V/V	106	49769	186	5.04
ASA_WSM_1PNPDK20110905_191918_000000923106_00186_49769_5776.N1						SS1	H/H	106	49769	186	5.04
ASA_WSM_1PNPDK20110905_192718_000001533106_00186_49769_5778.N1						SS1	H/H	106	49769	186	5.04
ASA_WSM_1PNPDE20110905_193122_000003923106_00186_49769_7039.N1						SS1	H/H	106	49769	186	5.04
ASA_WSM_1PNPDE20110905_193923_000001533106_00186_49769_7040.N1						SS1	V/V	106	49769	186	5.04
ASA_WSM_1PNPDE20110905_202609_000002753106_00186_49769_7038.N1						SS1	H/H	106	49769	186	5.04
ASA_WSM_1PNPDE20110905_210702_000003923106_00187_49770_7048.N1						SS1	H/H	106	49770	187	5.04
ASA_WSM_1PNPDE20110905_214107_000001103106_00187_49770_7054.N1						SS1	H/H	106	49770	187	5.04
ASA_WSM_1PNPDE20110905_220553_000003923106_00187_49770_7043.N1						SS1	H/H	106	49770	187	5.04
ASA_WSM_1PNPDE20110905_223613_000000923106_00188_49771_7056.N1						SS1	V/V	106	49771	188	5.04
ASA_WSM_1PNPDK20110905_224449_000002083106_00188_49771_5816.N1						SS1	H/H	106	49771	188	5.04
ASA_WSM_1PNPDE20110905_224949_000004283106_00188_49771_7078.N1						SS1	H/H	106	49771	188	5.04
ASA_WSM_1PNPDE20110905_234532_000003923106_00188_49771_7071.N1						SS1	H/H	106	49771	188	5.04

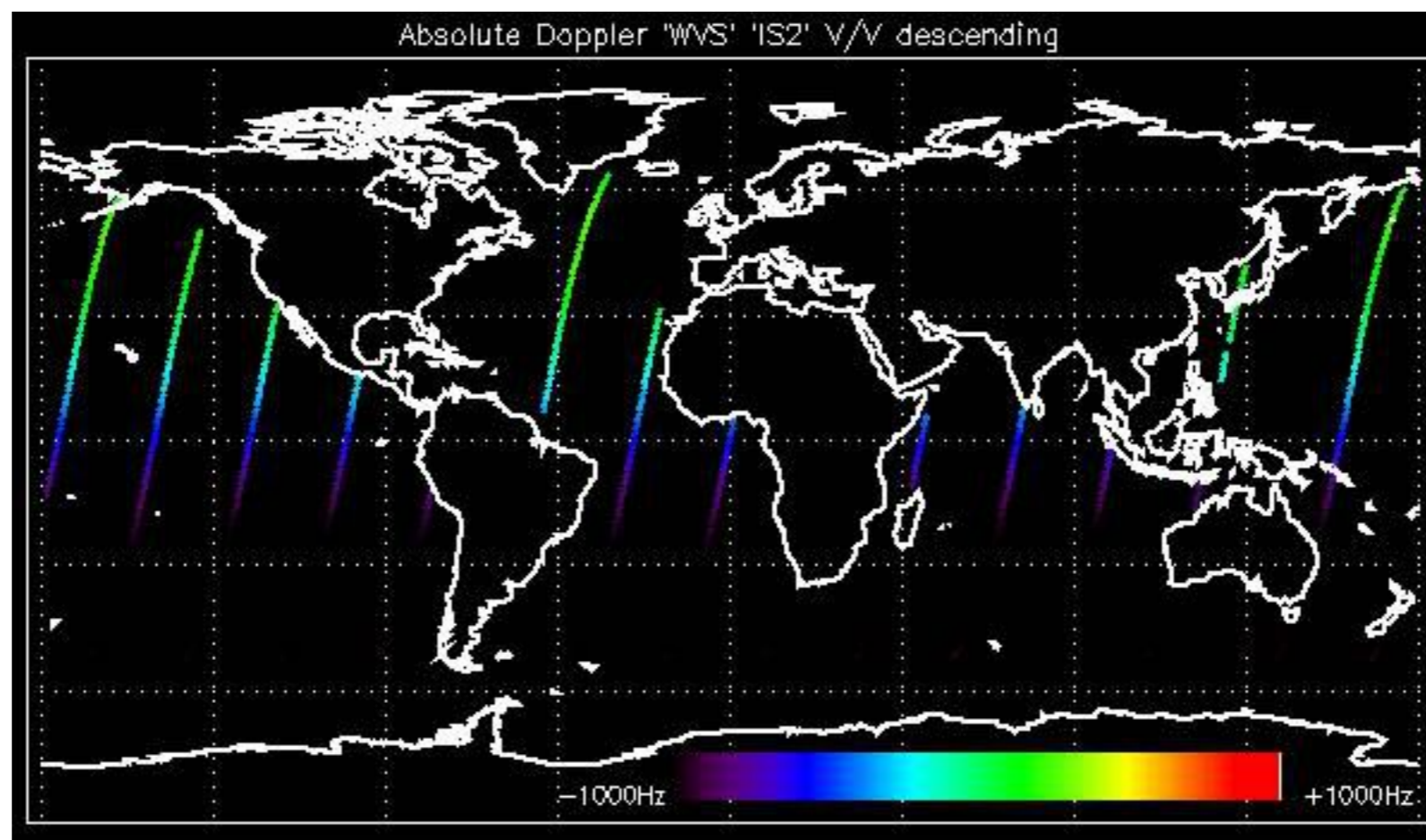
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20110905_000443_000002403106_00174_49757_6762.N1						IS2	V/V	106	49757	174	5.04
ASA_WVS_1PNPDE20110905_002844_000003143106_00174_49757_6763.N1						IS2	V/V	106	49757	174	5.04
ASA_WVS_1PNPDE20110905_003314_000015443106_00174_49757_6784.N1						IS2	V/V	106	49757	174	5.04
ASA_WVS_1PNPDE20110905_002844_000003143106_00174_49757_6763.N1						IS1	V/V	106	49757	174	5.04
ASA_WVS_1PNPDE20110905_012223_000004593106_00175_49758_6788.N1						IS2	V/V	106	49758	175	5.04
ASA_WVS_1PNPDE20110905_013709_000000893106_00175_49758_6787.N1						IS2	V/V	106	49758	175	5.04
ASA_WVS_1PNPDE20110905_014404_000002853106_00175_49758_6786.N1						IS2	V/V	106	49758	175	5.04
ASA_WVS_1PNPDE20110905_020832_000001053106_00175_49758_6785.N1						IS2	V/V	106	49758	175	5.04
ASA_WVS_1PNPDE20110905_020932_000002553106_00175_49758_6816.N1						IS2	V/V	106	49758	175	5.04
ASA_WVS_1PNPDE20110905_031456_000005543106_00176_49759_6814.N1						IS2	V/V	106	49759	176	5.04
ASA_WVS_1PNPDE20110905_032356_000002553106_00176_49759_6850.N1						IS2	V/V	106	49759	176	5.04
ASA_WVS_1PNPDE20110905_035349_000007793106_00176_49759_6855.N1						IS2	V/V	106	49759	176	5.04
ASA_WVS_1PNPDE20110905_045238_000008243106_00177_49760_6857.N1						IS2	V/V	106	49760	177	5.04
ASA_WVS_1PNPDE20110905_050552_000002103106_00177_49760_6888.N1						IS2	V/V	106	49760	177	5.04
ASA_WVS_1PNPDE20110905_045238_000008243106_00177_49760_6857.N1						IS1	V/V	106	49760	177	5.04
ASA_WVS_1PNPDE20110905_052906_000014093106_00177_49760_6896.N1						IS2	V/V	106	49760	177	5.04
ASA_WVS_1PNPDE20110905_063309_000002843106_00178_49761_6895.N1						IS2	V/V	106	49761	178	5.04
ASA_WVS_1PNPDE20110905_064205_000002103106_00178_49761_6894.N1						IS2	V/V	106	49761	178	5.04
ASA_WVS_1PNPDK20110905_064520_000002553106_00178_49761_5429.N1						IS2	V/V	106	49761	178	5.04
ASA_WVS_1PNPDE20110905_064205_000002103106_00178_49761_6894.N1						IS1	V/V	106	49761	178	5.04
ASA_WVS_1PNPDK20110905_070920_000018893106_00178_49761_5433.N1						IS2	V/V	106	49761	178	5.04
ASA_WVS_1PNPDK20110905_082402_000003453106_00179_49762_5511.N1						IS2	V/V	106	49762	179	5.04
ASA_WVS_1PNPDK20110905_084934_000019493106_00179_49762_5518.N1						IS2	V/V	106	49762	179	5.04
ASA_WVS_1PNPDK20110905_095358_000009593106_00180_49763_5553.N1						IS2	V/V	106	49763	180	5.04
ASA_WVS_1PNPDK20110905_102948_000005403106_00180_49763_5554.N1						IS2	V/V	106	49763	180	5.04
ASA_WVS_1PNPDK20110905_104053_000011093106_00180_49763_5556.N1						IS2	V/V	106	49763	180	5.04
ASA_WVS_1PNPDK20110905_112644_000014093106_00181_49764_5593.N1						IS2	V/V	106	49764	181	5.04
ASA_WVS_1PNPDK20110905_121002_000007643106_00181_49764_5594.N1						IS2	V/V	106	49764	181	5.04
ASA_WVS_1PNPDK20110905_122444_000006433106_00181_49764_5602.N1						IS2	V/V	106	49764	181	5.04
ASA_WVS_1PNPDK20110905_125747_000009593106_00182_49765_5649.N1						IS2	V/V	106	49765	182	5.04
ASA_WVS_1PNPDK20110905_135015_000003153106_00182_49765_5653.N1						IS2	V/V	106	49765	182	5.04
ASA_WVS_1PNPDK20110905_145925_000006753106_00183_49766_5683.N1						IS2	V/V	106	49766	183	5.04
ASA_WVS_1PNPDK20110905_153020_000008393106_00183_49766_5692.N1						IS2	V/V	106	49766	183	5.04
ASA_WVS_1PNPDK20110905_153020_000008393106_00183_49766_5691.N1						IS2	V/V	106	49766	183	5.04
ASA_WVS_1PNPDK20110905_163151_000011543106_00184_49767_5733.N1						IS2	V/V	106	49767	184	5.04
ASA_WVS_1PNPDK20110905_171035_000012143106_00184_49767_5735.N1						IS2	V/V	106	49767	184	5.04
ASA_WVS_1PNPDK20110905_180720_000014393106_00185_49768_5765.N1						IS2	V/V	106	49768	185	5.04
ASA_WVS_1PNPDK20110905_185332_000003453106_00185_49768_5766.N1						IS2	V/V	106	49768	185	5.04
ASA_WVS_1PNPDK20110905_190035_000003593106_00185_49768_5769.N1						IS2	V/V	106	49768	185	5.04
ASA_WVS_1PNPDK20110905_194237_000017243106_00186_49769_5791.N1						IS2	V/V	106	49769	186	5.04
ASA_WVS_1PNPDK20110905_203103_000003603106_00186_49769_5794.N1						IS2	V/V	106	49769	186	5.04
ASA_WVS_1PNPDK20110905_205538_000000593106_00187_49770_5796.N1						IS2	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_212031_000011993106_00187_49770_7042.N1						IS2	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_214300_000005253106_00187_49770_7046.N1						IS2	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_221225_000001793106_00187_49770_7044.N1						IS2	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_221425_000007793106_00187_49770_7067.N1						IS2	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_221225_000001793106_00187_49770_7044.N1						IS1	V/V	106	49770	187	5.04
ASA_WVS_1PNPDE20110905_224153_000001353106_00188_49771_7070.N1						IS2	V/V	106	49771	188	5.04
ASA_WVS_1PNPDE20110905_230008_000013793106_00188_49771_7074.N1						IS2	V/V	106	49771	188	5.04
ASA_WVS_1PNPDE20110905_232812_000002253106_00188_49771_7075.N1						IS2	V/V	106	49771	188	5.04
ASA_WVS_1PNPDE20110905_235204_000003153106_00188_49771_7076.N1						IS2	V/V	106	49771	188	5.04
ASA_WVS_1PNPDE20110905_235635_000015443106_00188_49771_7096.N1						IS2	V/V	106	49771	188	5.04

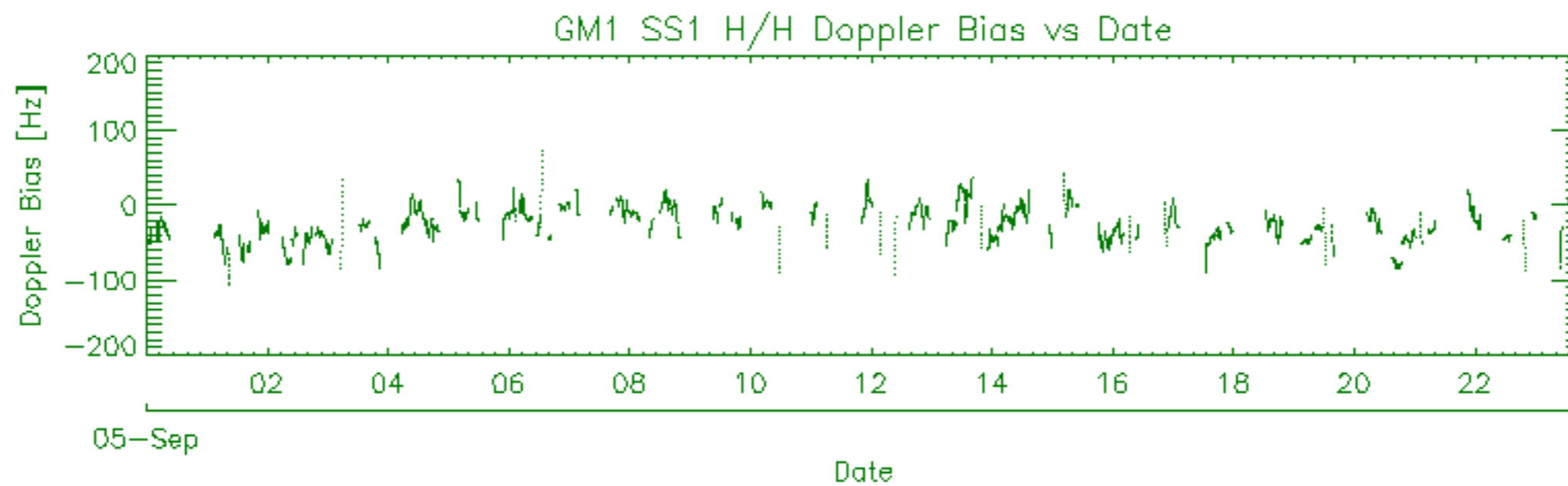
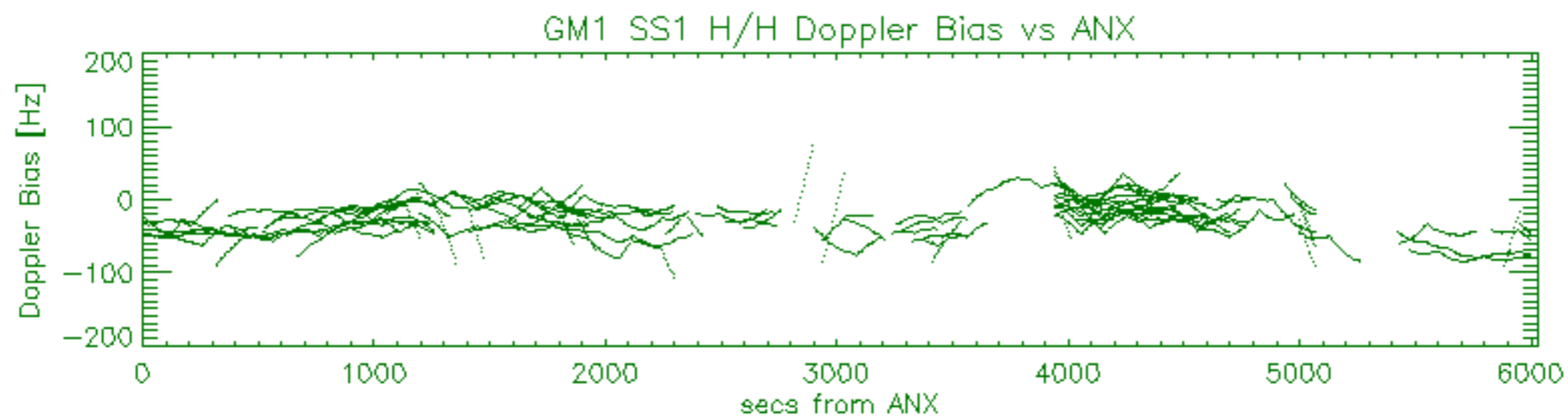
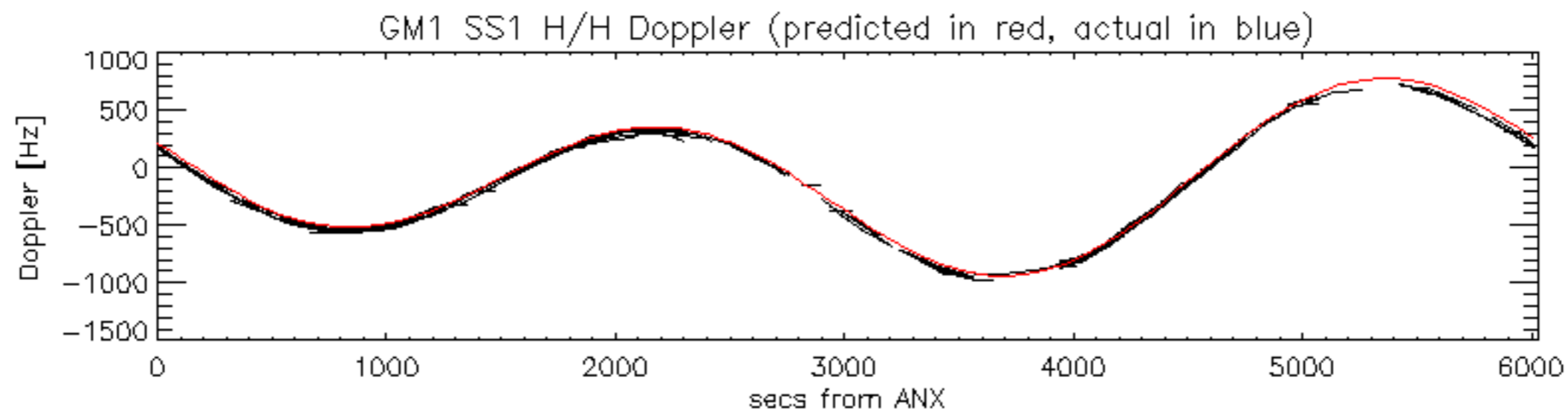


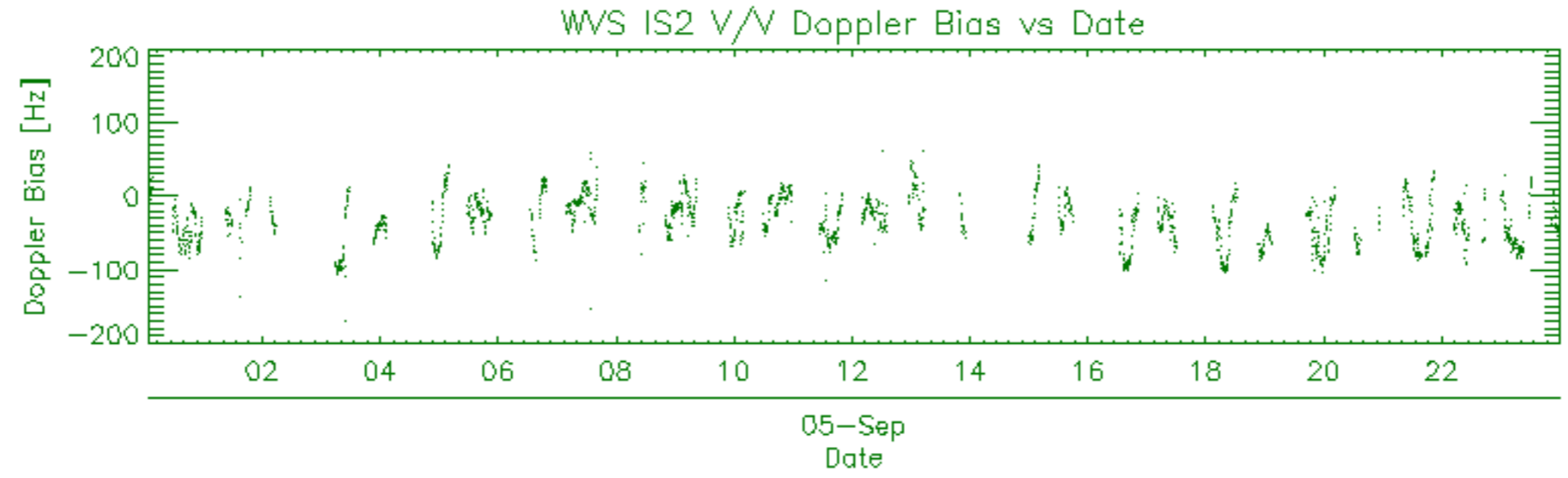
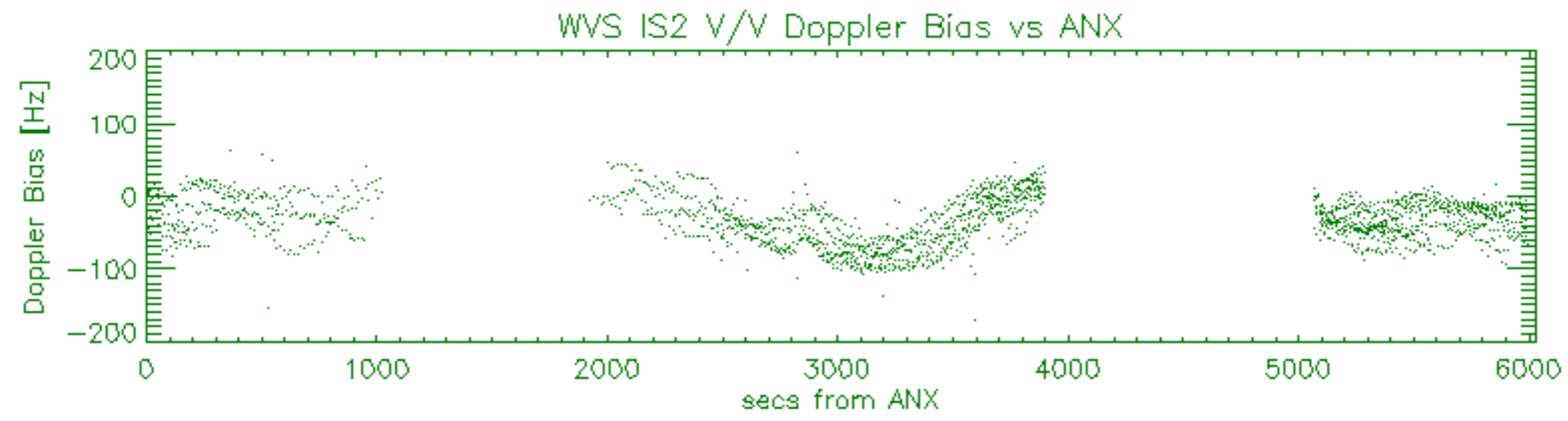
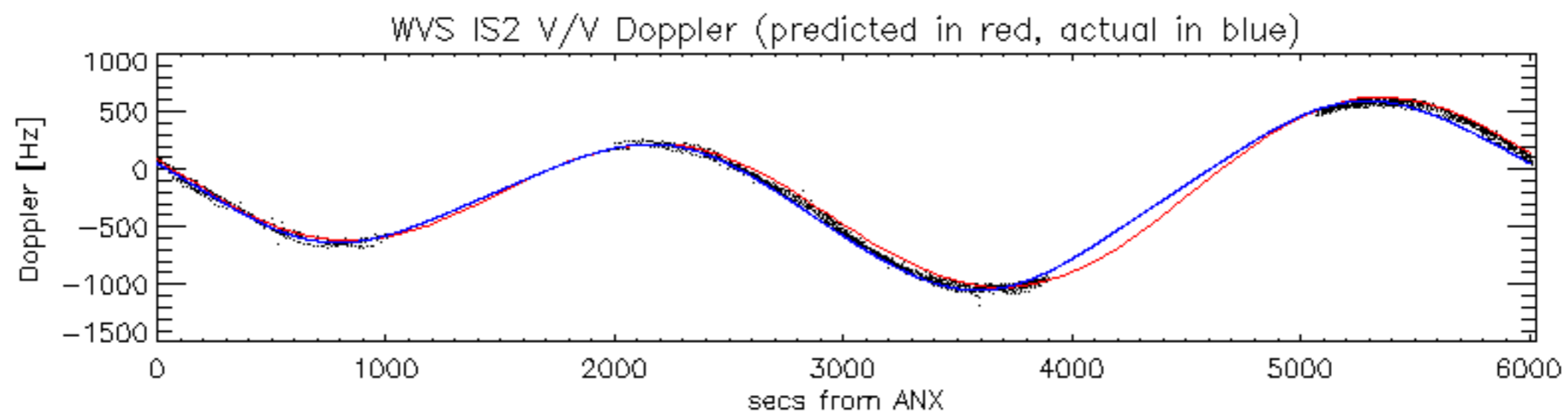


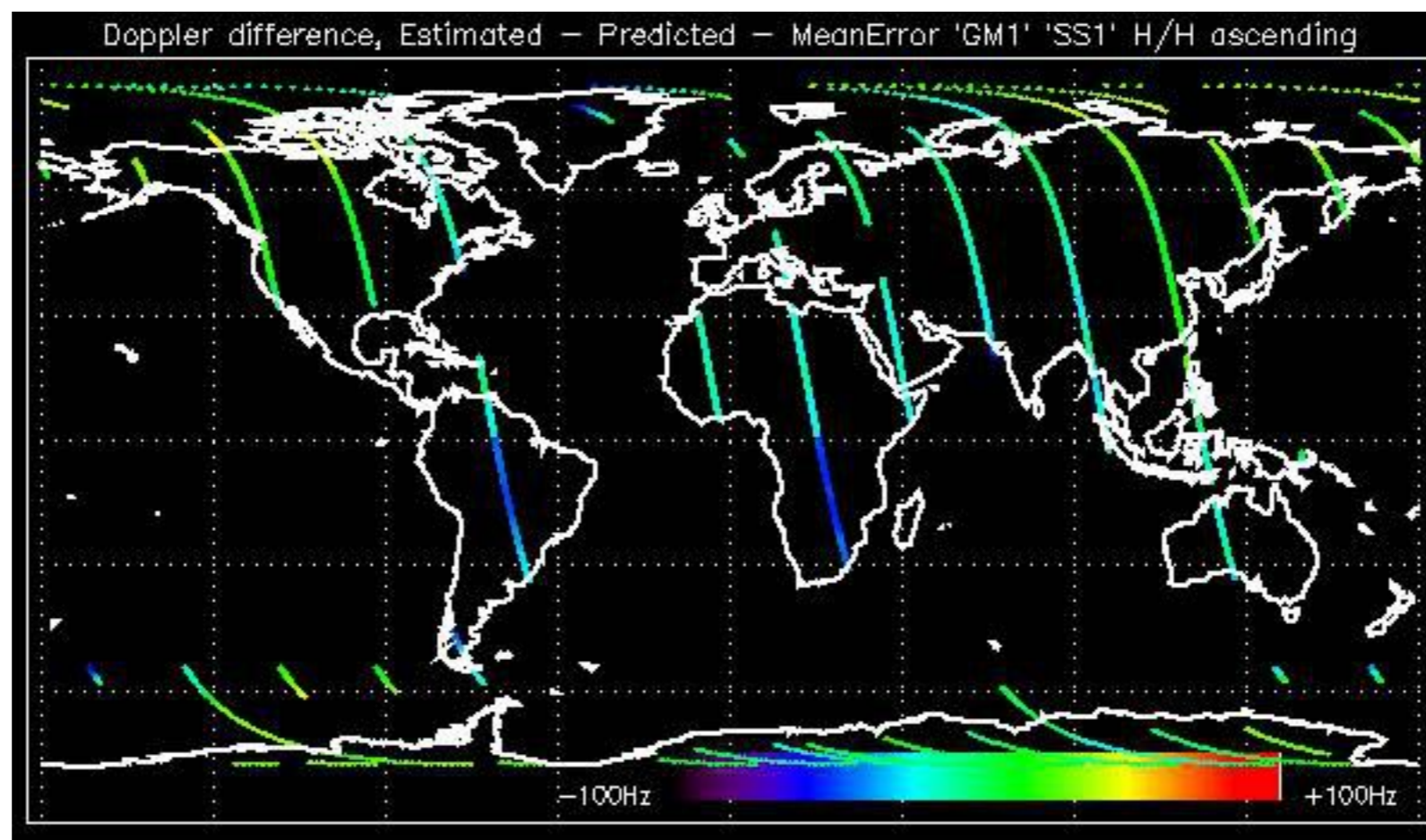


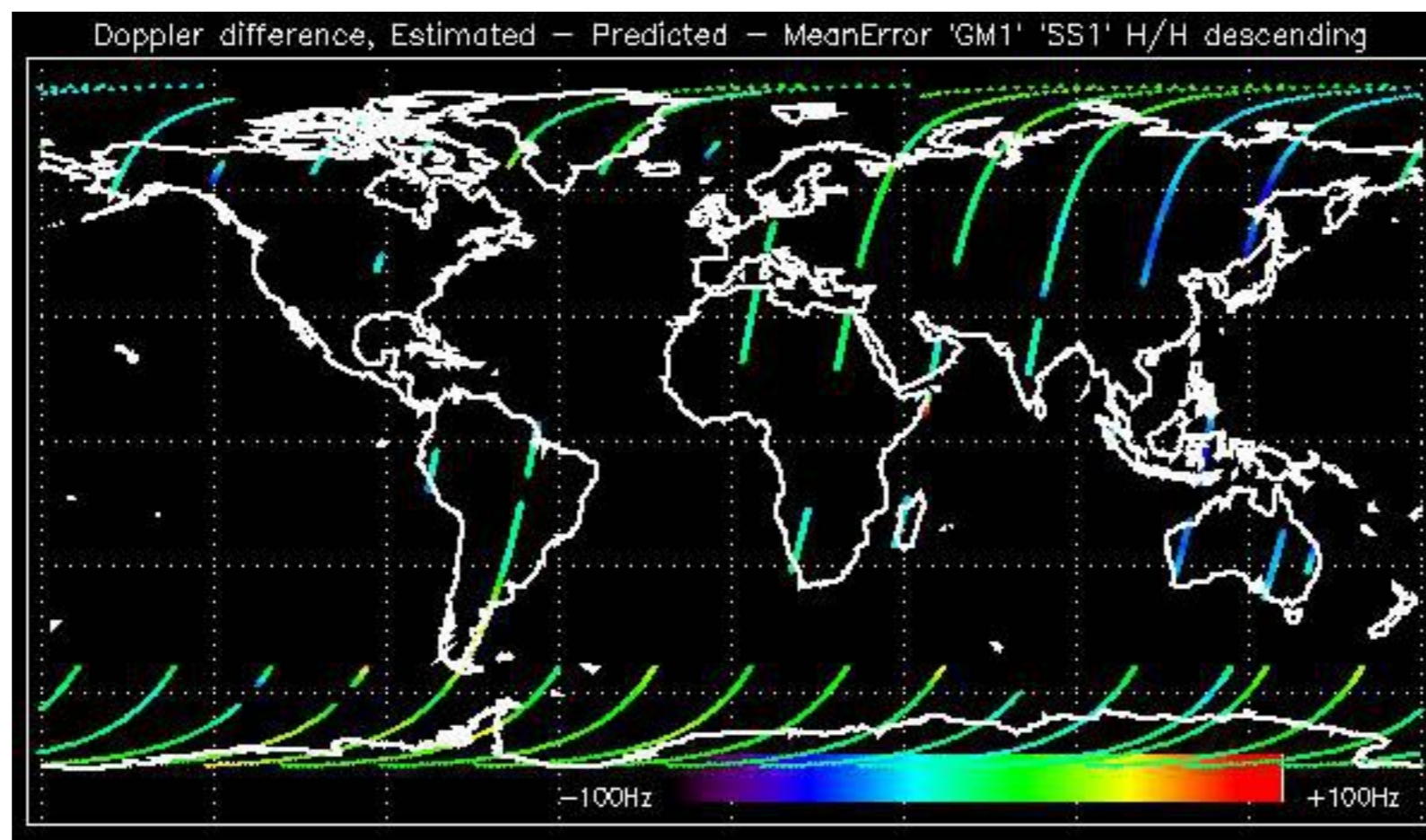


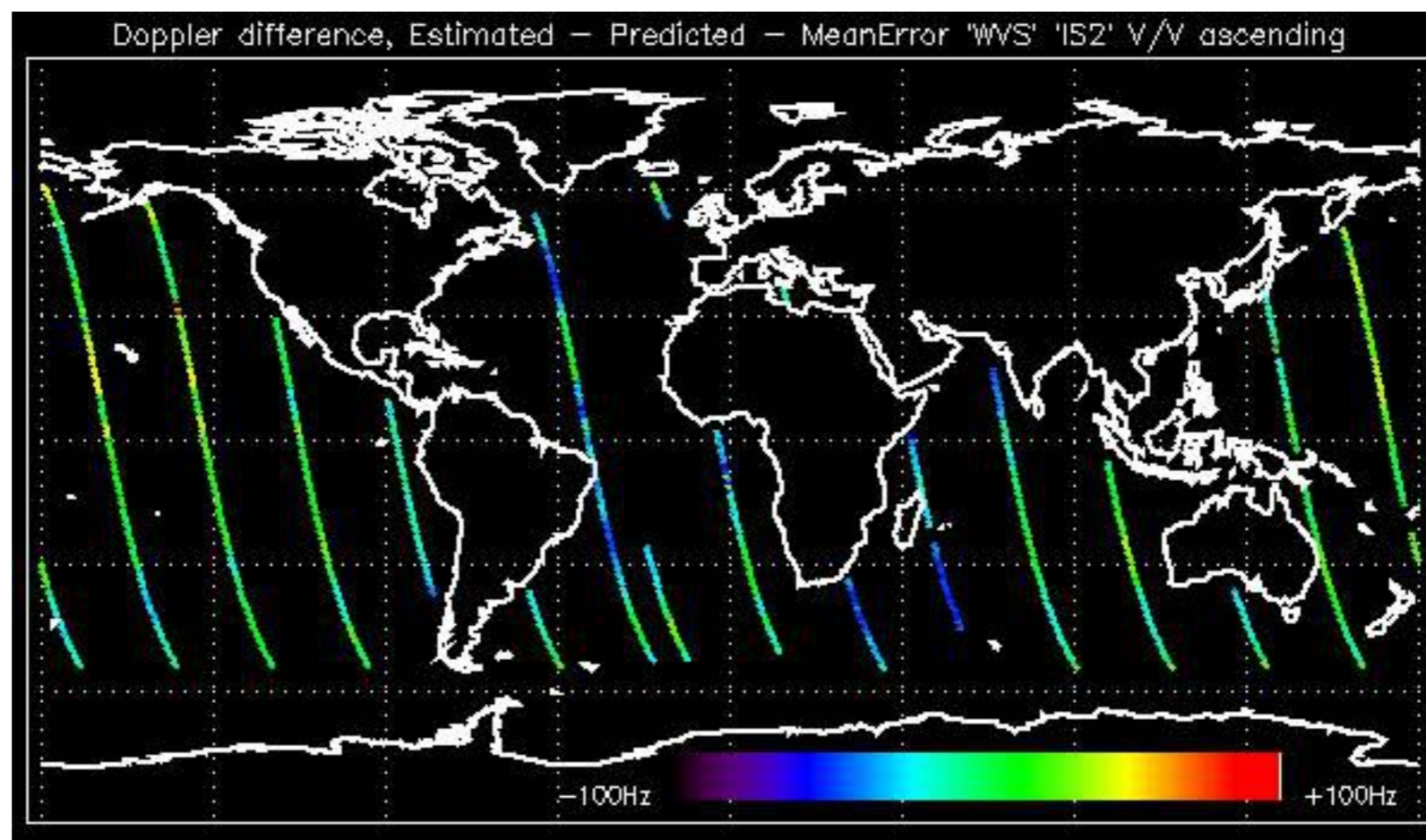


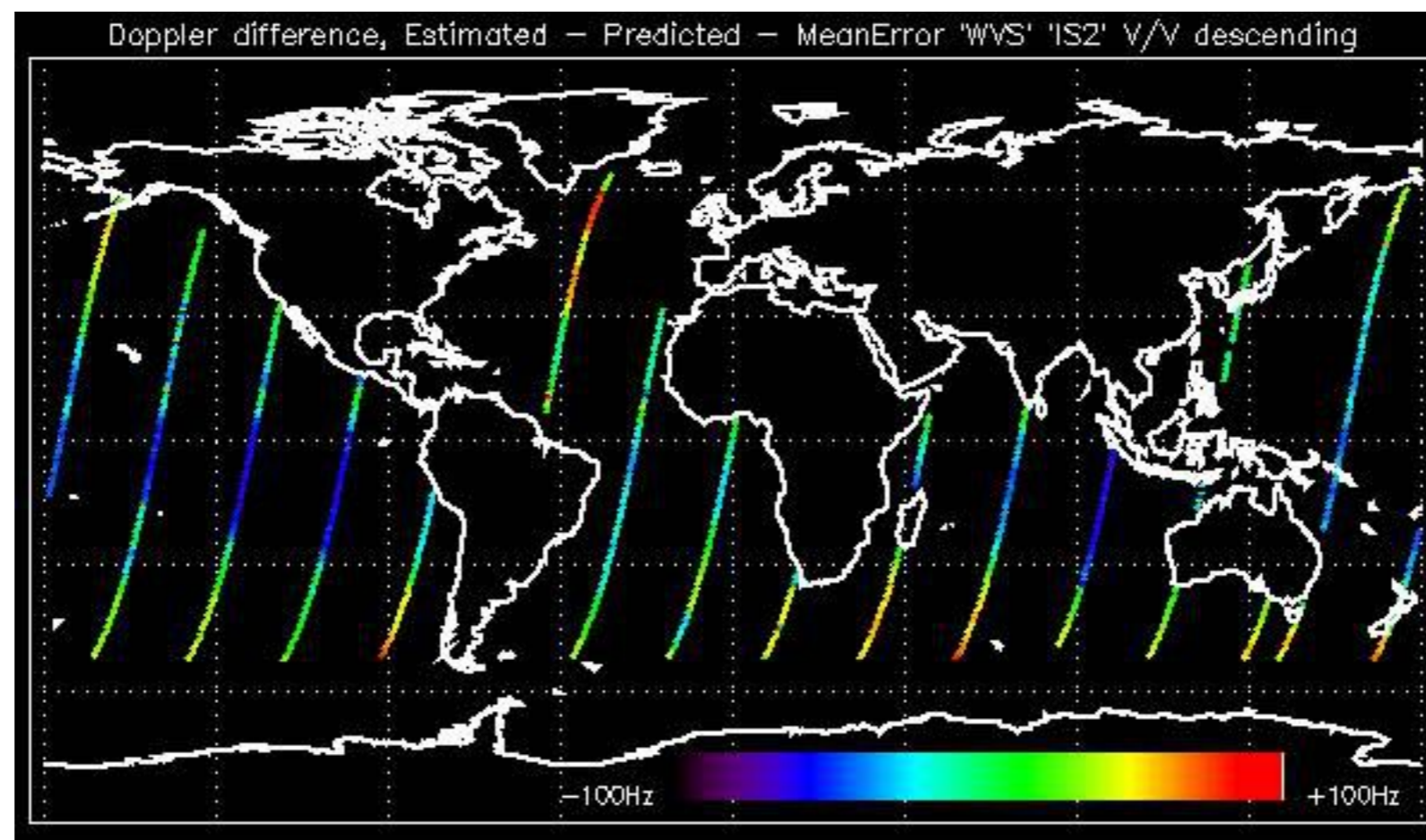




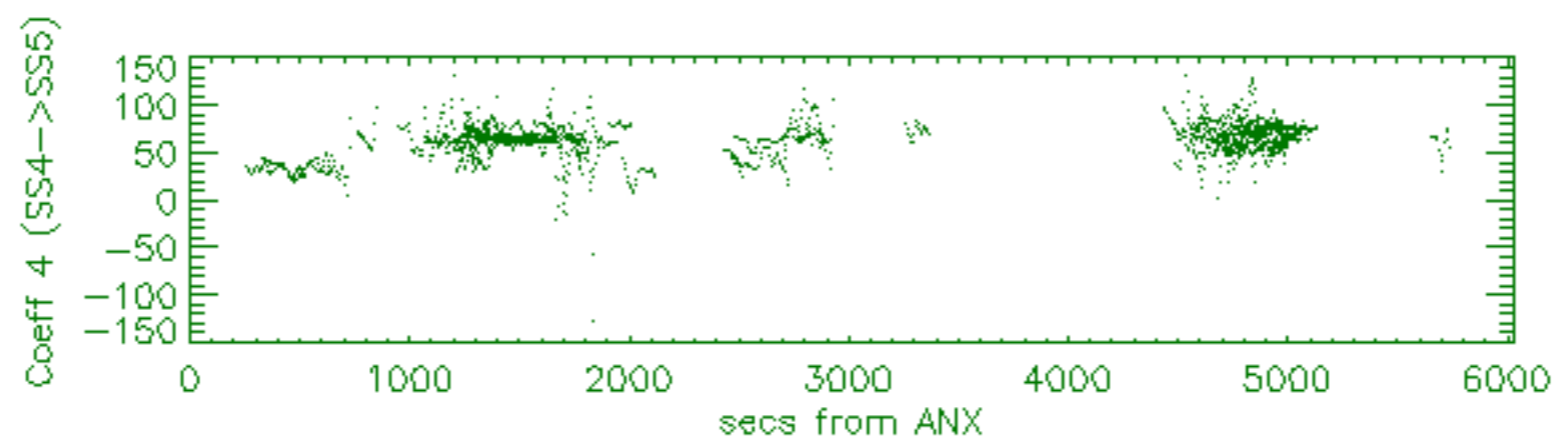
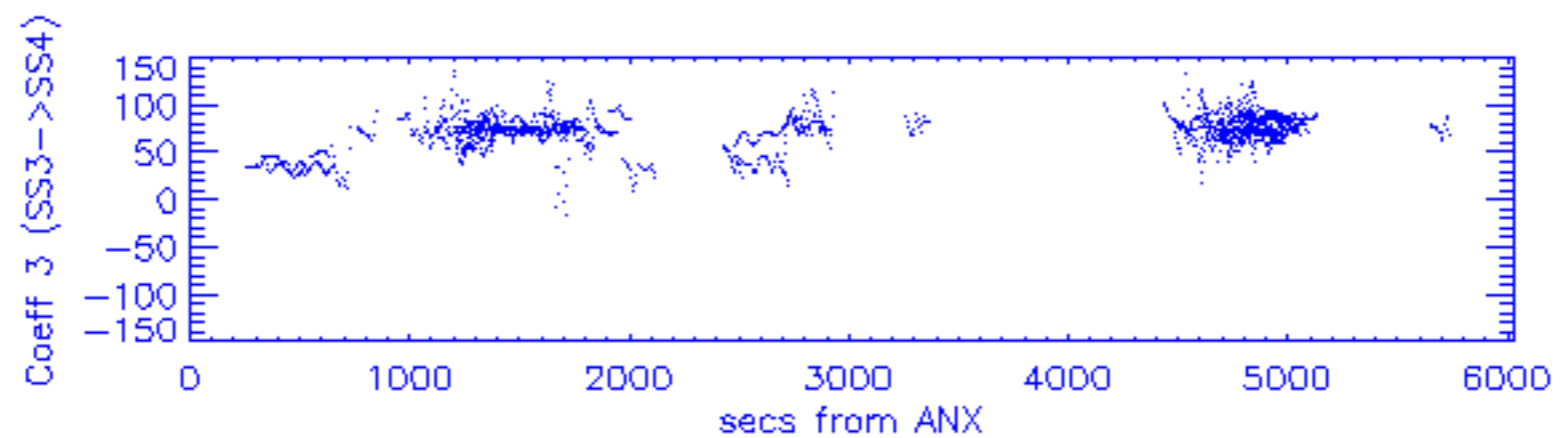
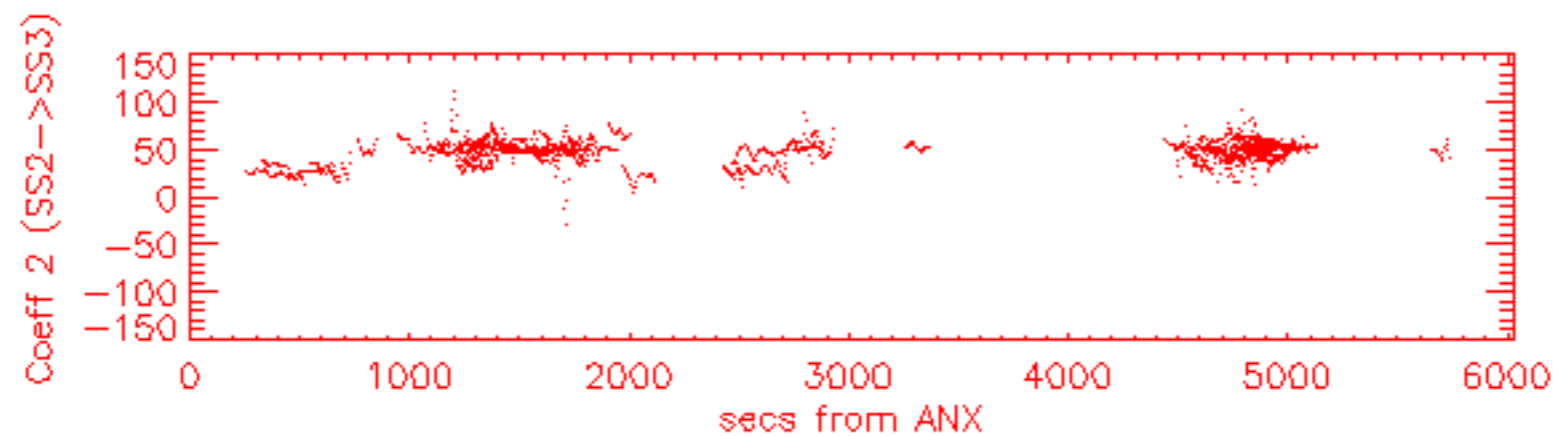
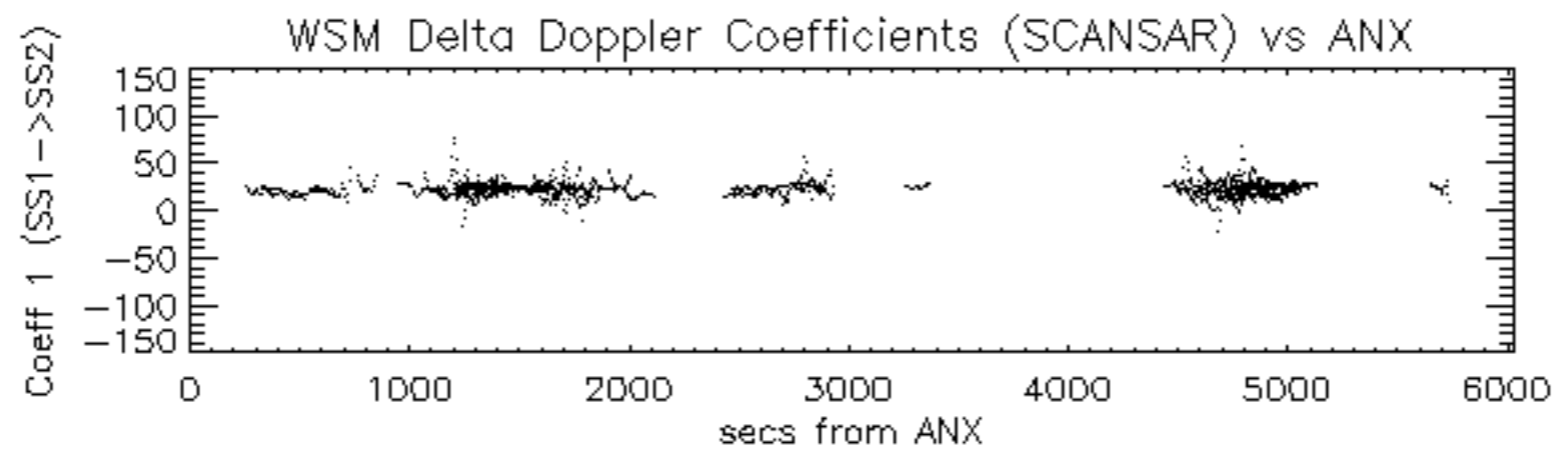


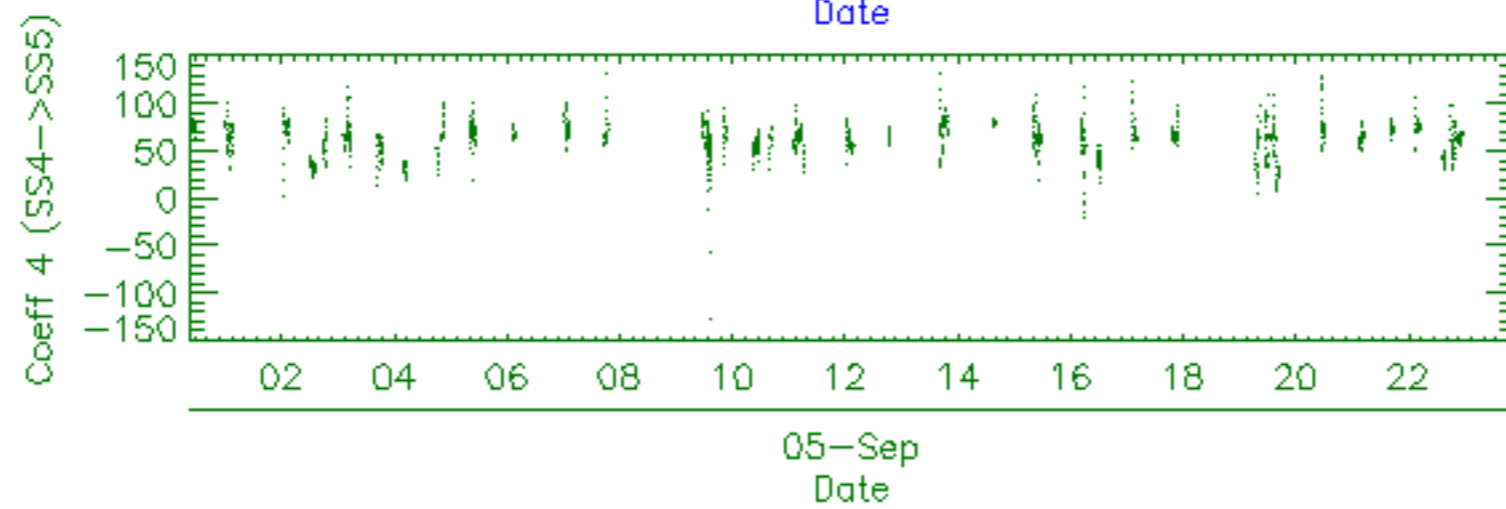
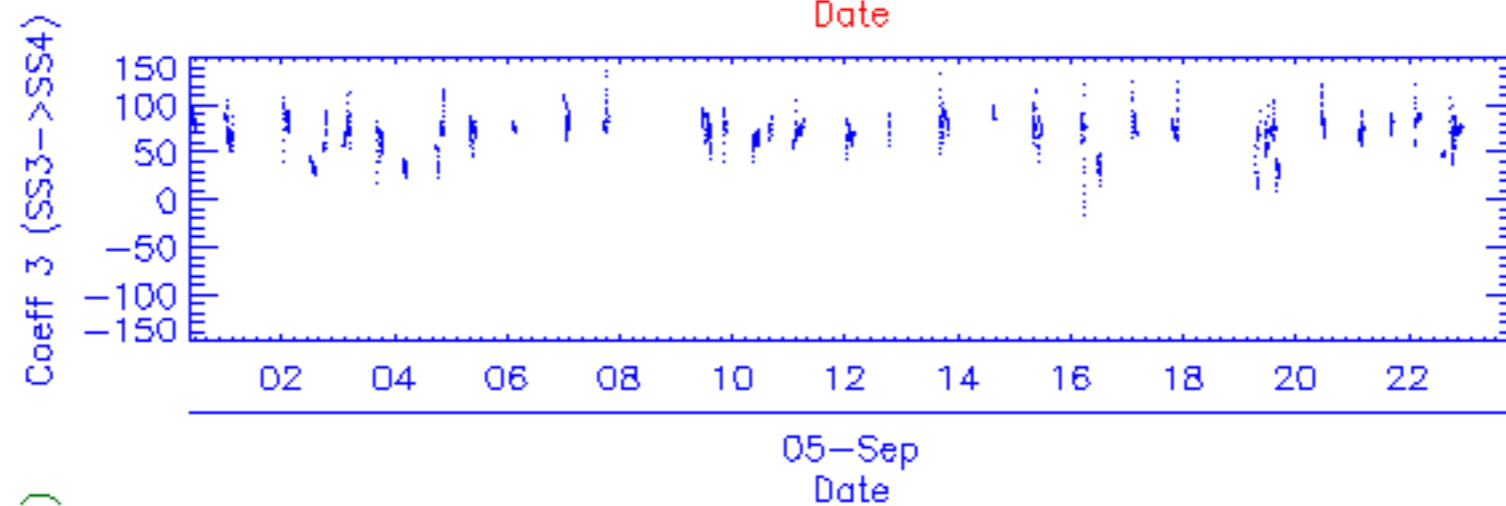
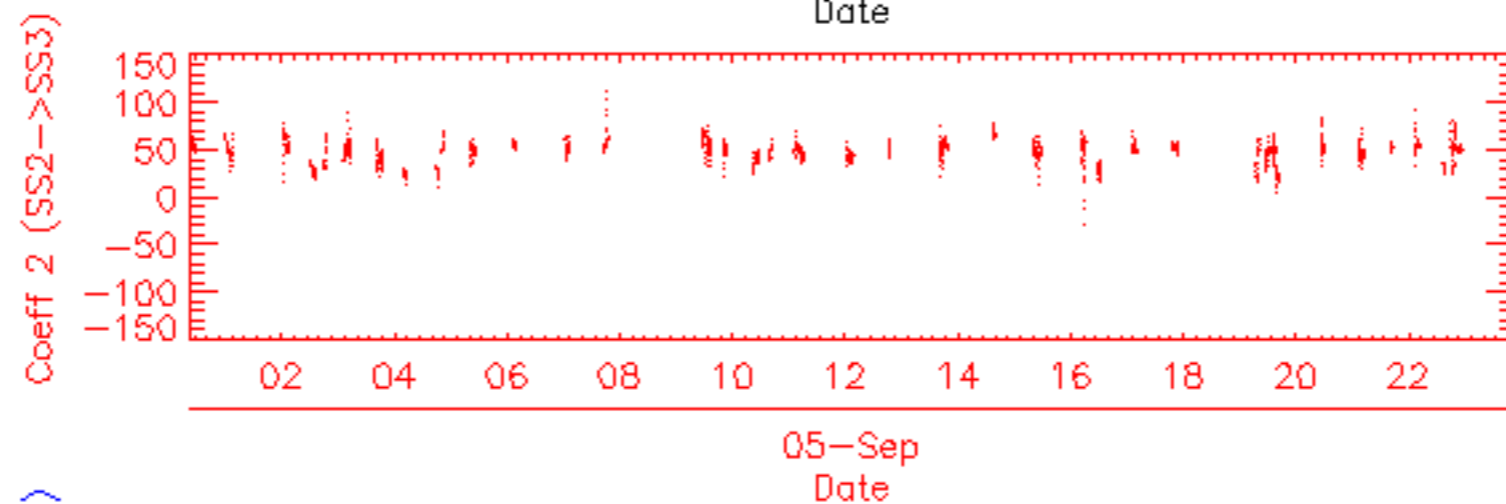
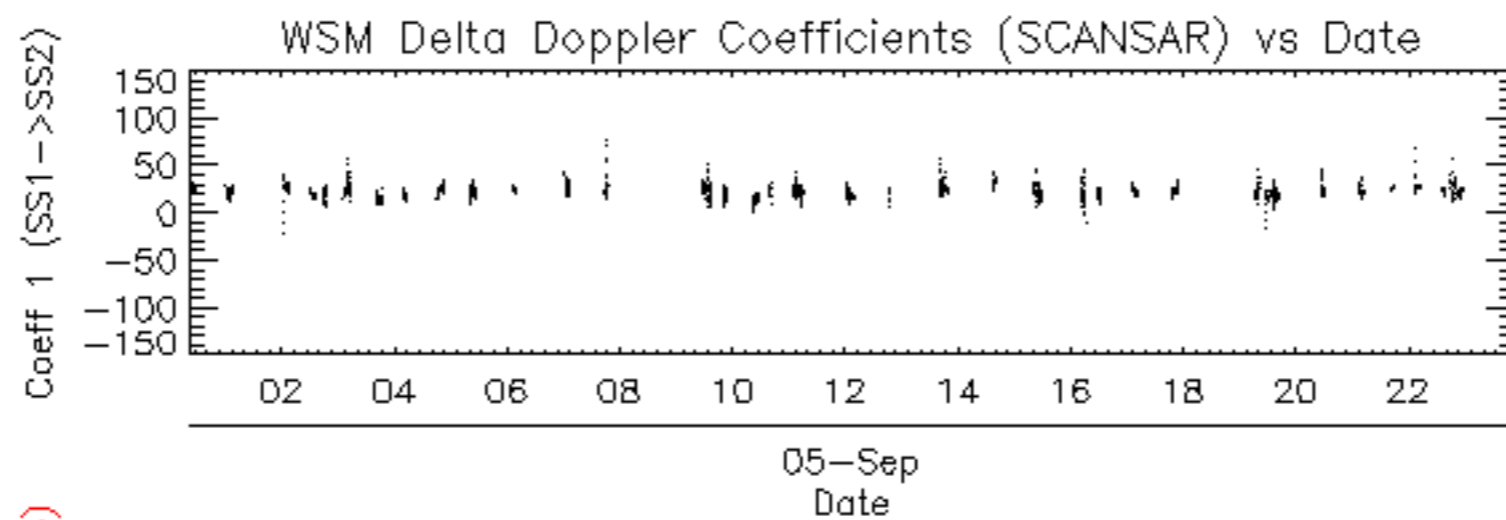


















Reference: 2011-09-04 17:29:56 V RxPhase  
 Test : 2011-09-05 16:53:11 V



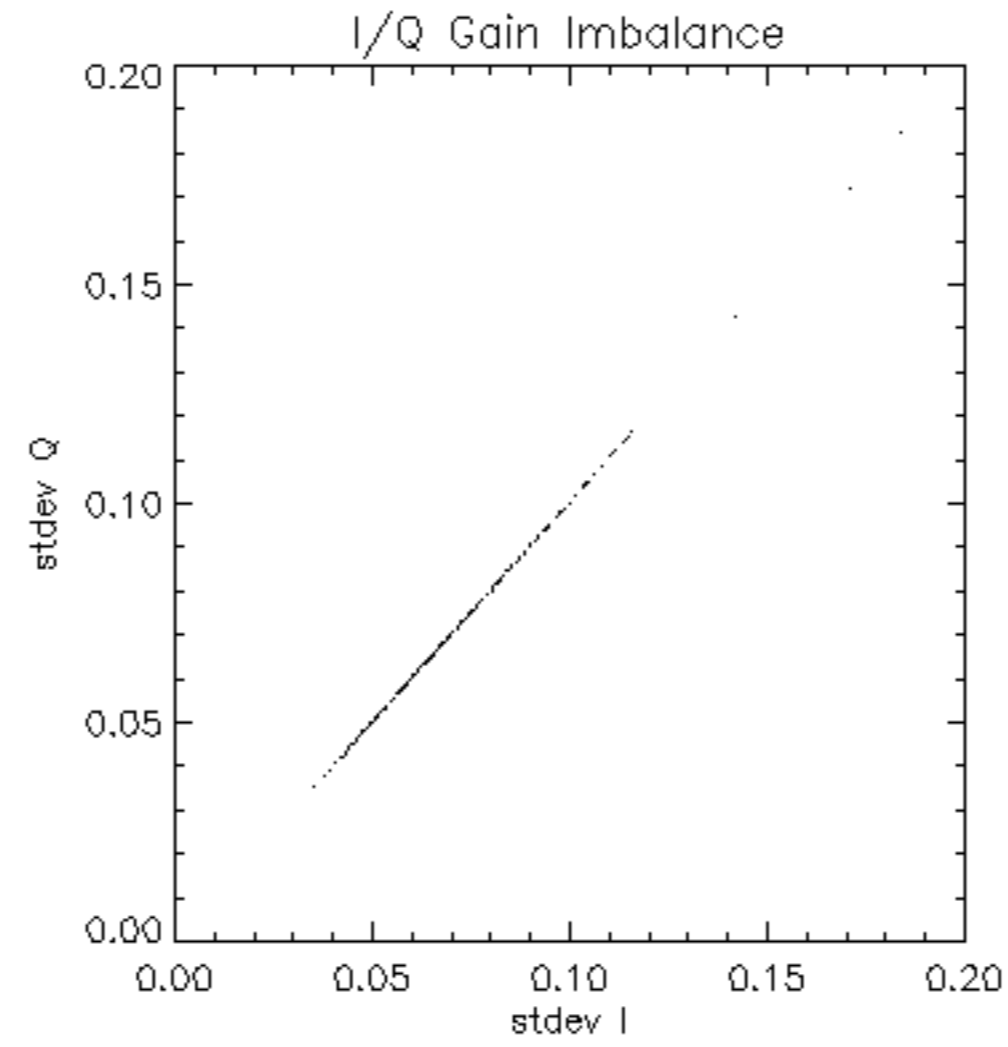


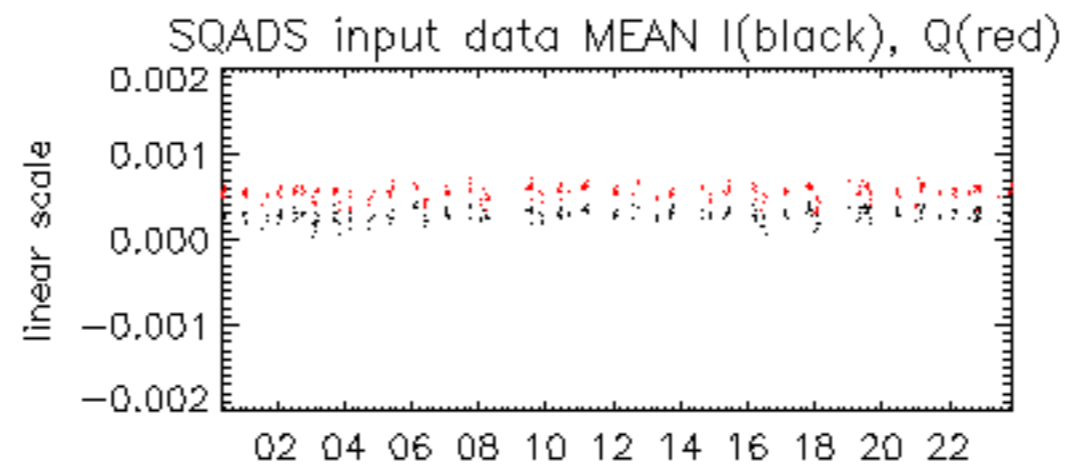




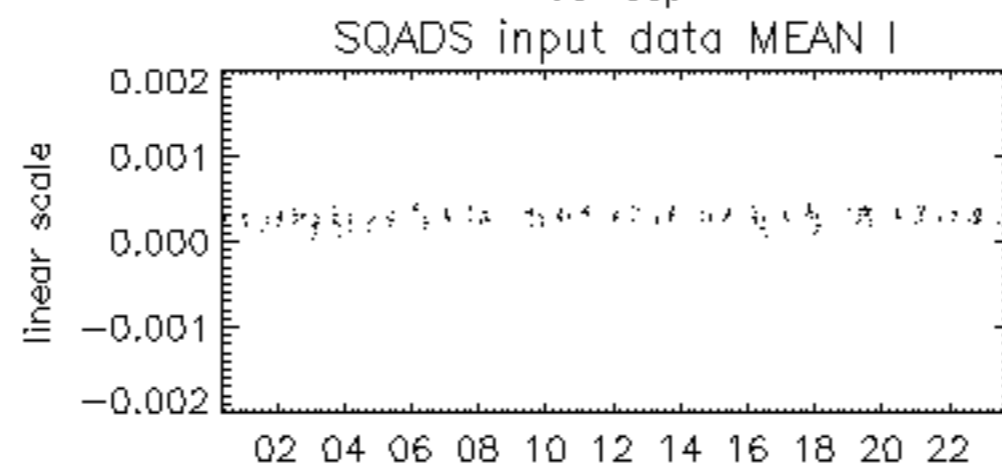




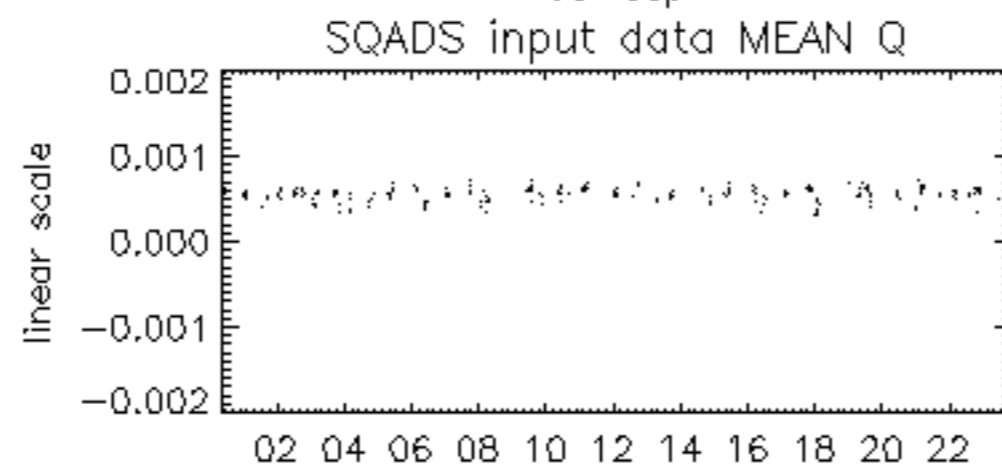




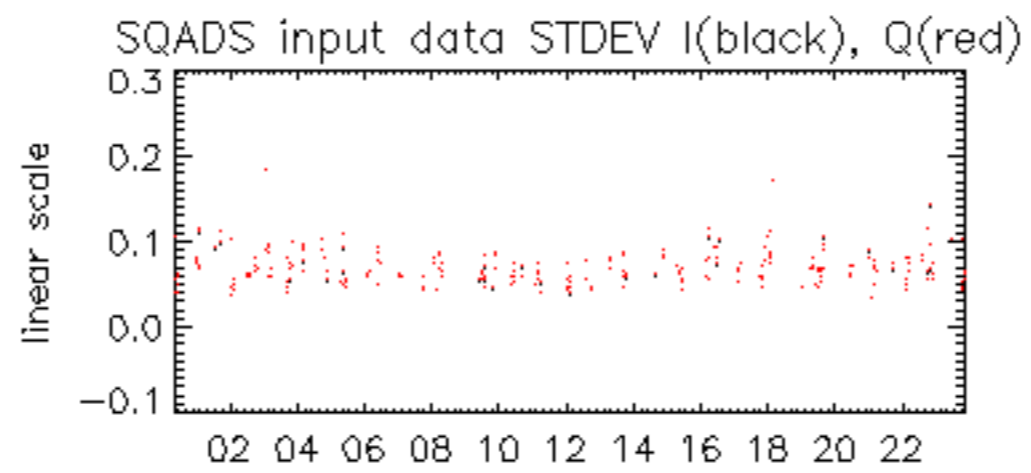
05-Sep



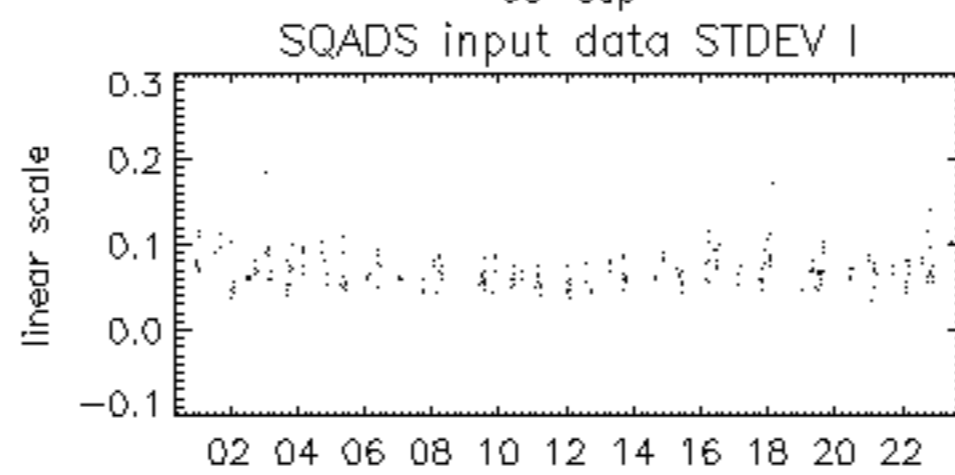
05-Sep



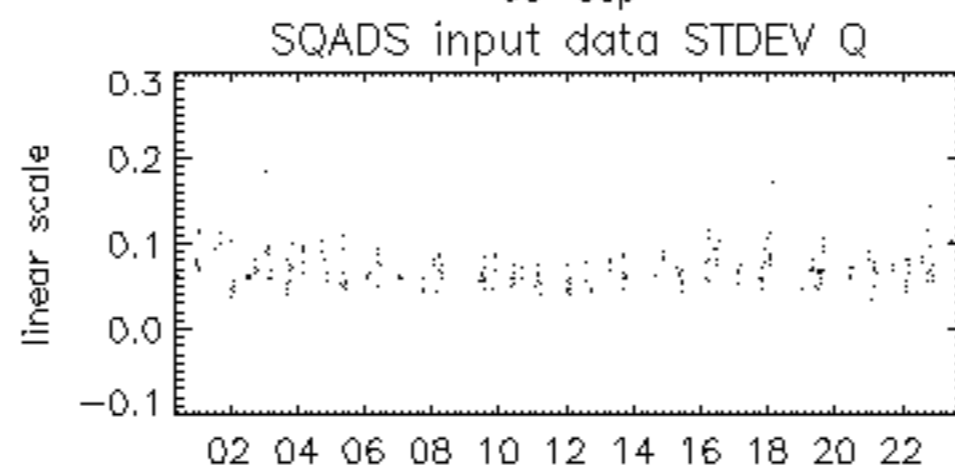
05-Sep



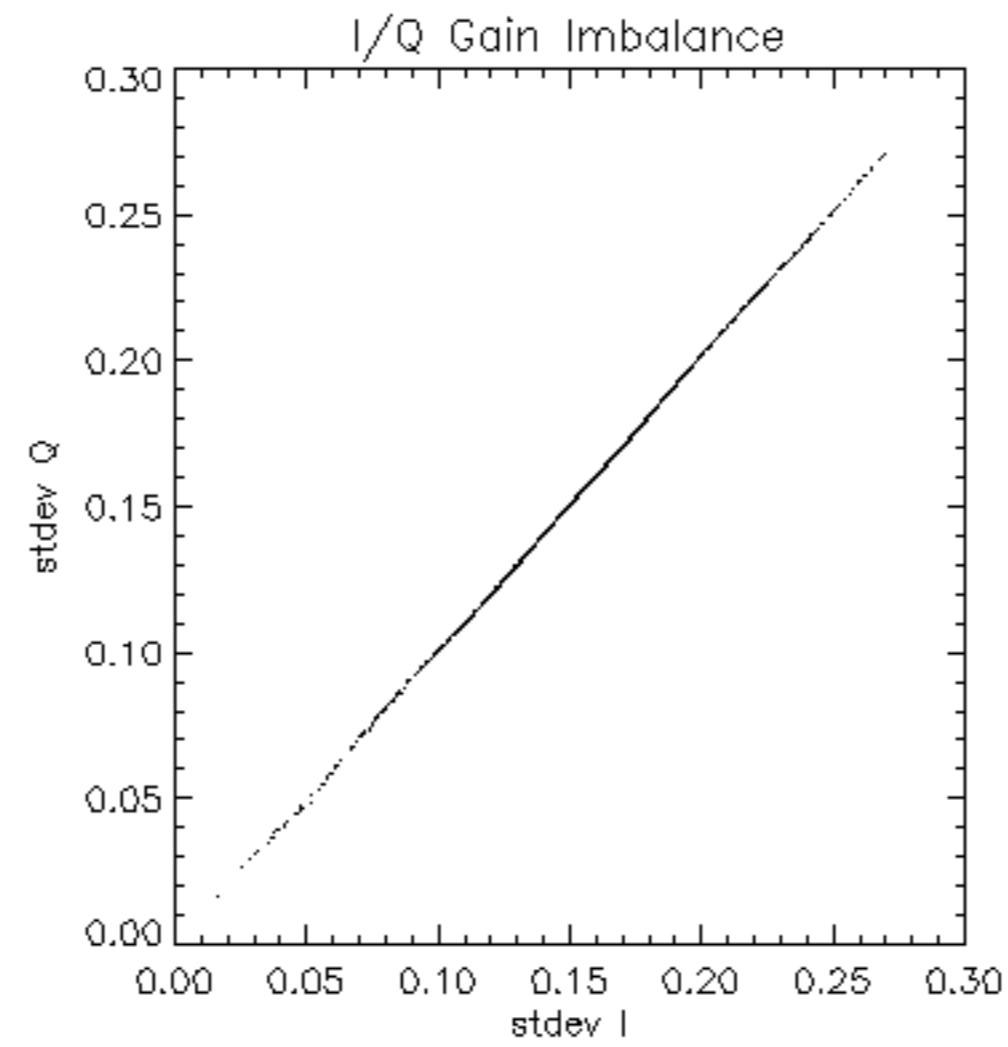
05-Sep

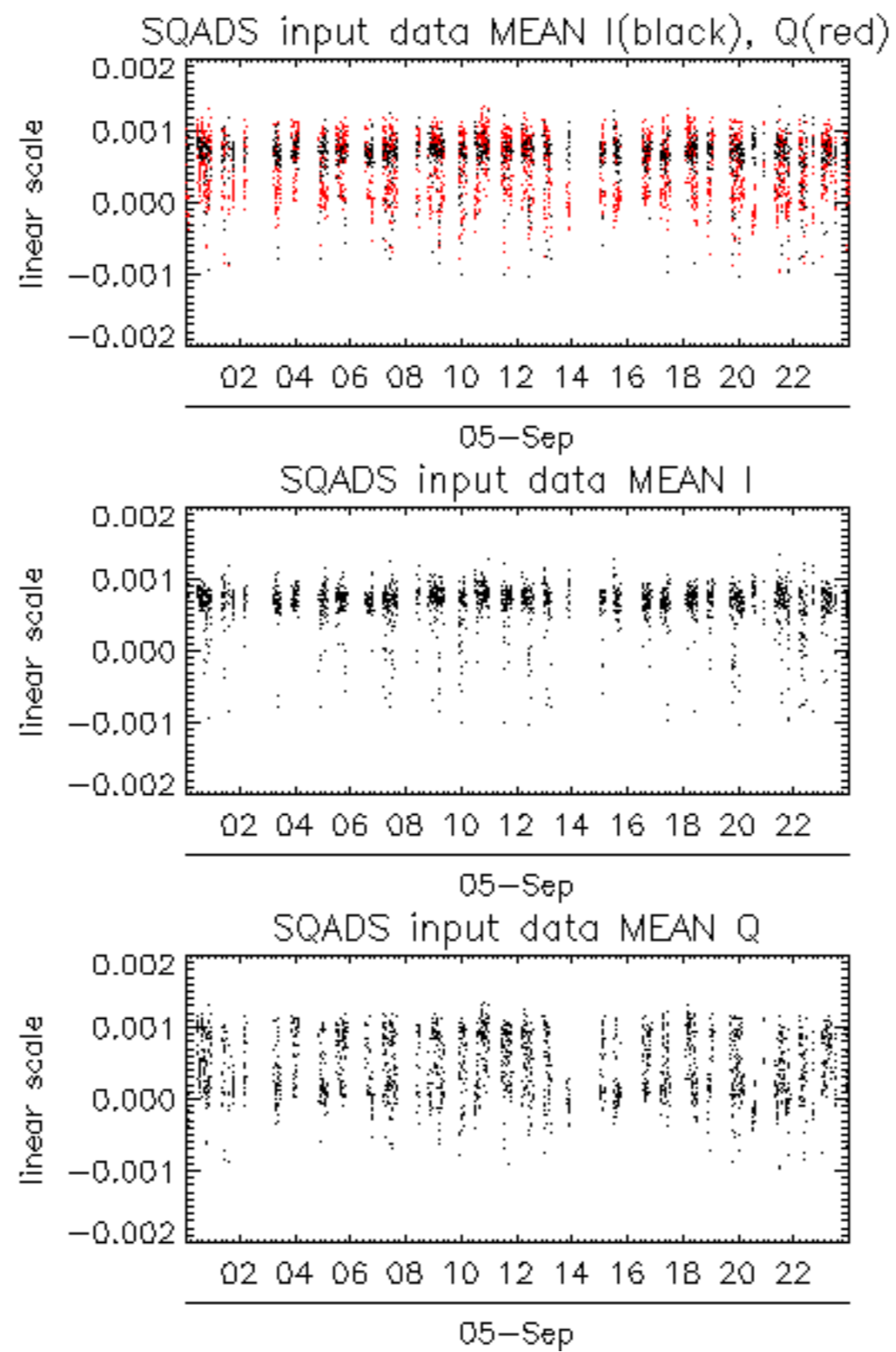


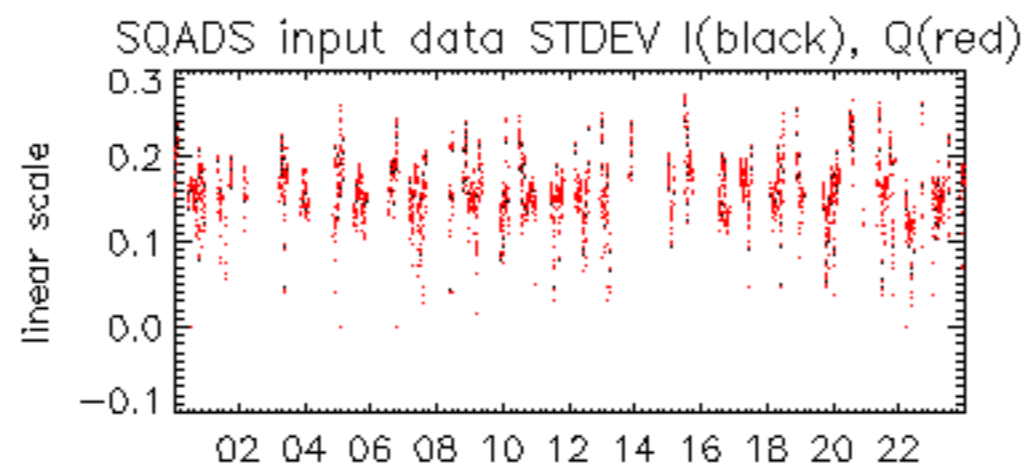
05-Sep



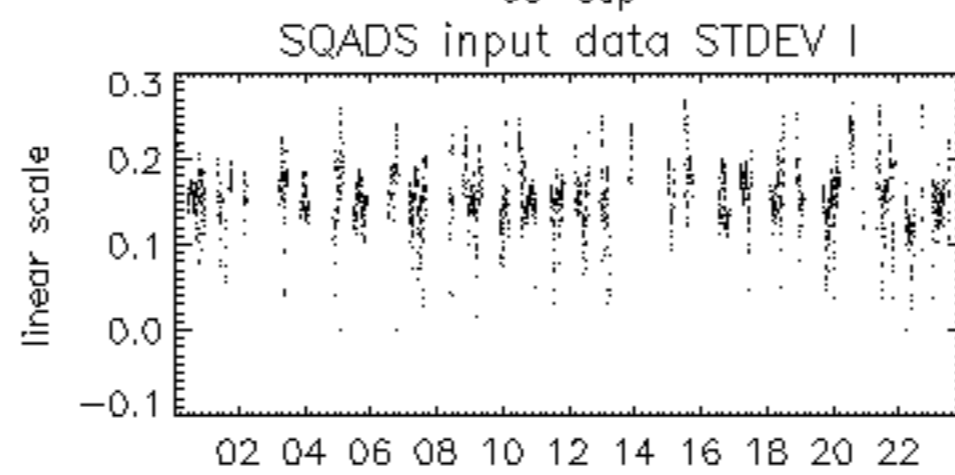
05-Sep



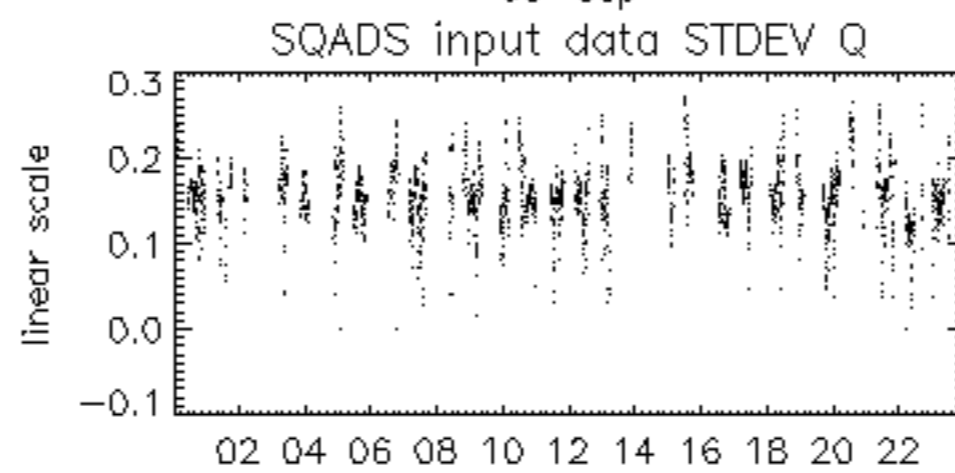




05-Sep



05-Sep



05-Sep























