



Analysis from 31-OCT-2010 00:00:00 to 31-OCT-2010 23:59:59. Page generated on 03-NOV-2010 17:25:00.  
View log file: ASAR\_Daily\_Report\_20101103\_1723.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@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	4	PDE	WS	H/H	40	PDE	IS1	H/H	2	PDE	IS4	V/V	1	PDE	WS	H/H	19	PDE	2010-10-31 02:15:13	V	320
PDE	IS2	V/V	25	PDK	WS	H/H	33					PDE	IS6	H/H	2	PDE	WS	V/V	5	PDK	2010-10-31 07:15:56	H	320
PDK	IS2	V/V	14									PDE	IS7	V/V	1	PDK	WS	H/H	7	PDK	2010-10-31 12:16:38	V	320
												PDK	IS2	V/V	1	PDK	WS	V/V	2	PDK	2010-10-31 17:17:20	H	320
												PDK	IS6	H/H	1								

## 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\\_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

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20101028_095209_20101022_000000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

### 2.2 - Products with wrong ADFs

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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

[TXT] [XLS] [Check\\_ADFs\\_WVS](#)  
 [TXT] [XLS] [Check\\_ADFs\\_GM1](#)  
 [TXT] [XLS] [Check\\_ADFs\\_APM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_IMM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_WSM](#)

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

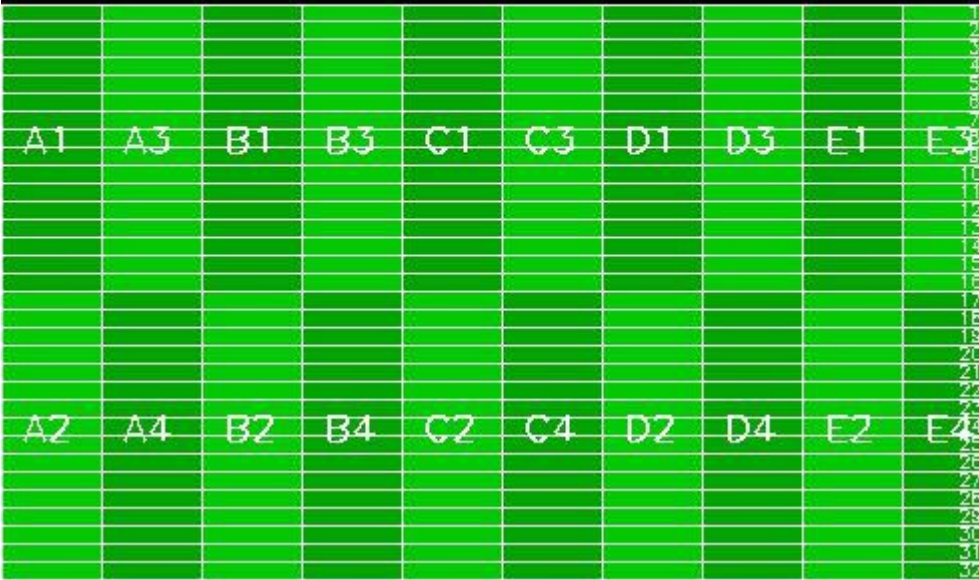
Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2010-10-31 12:16:38 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

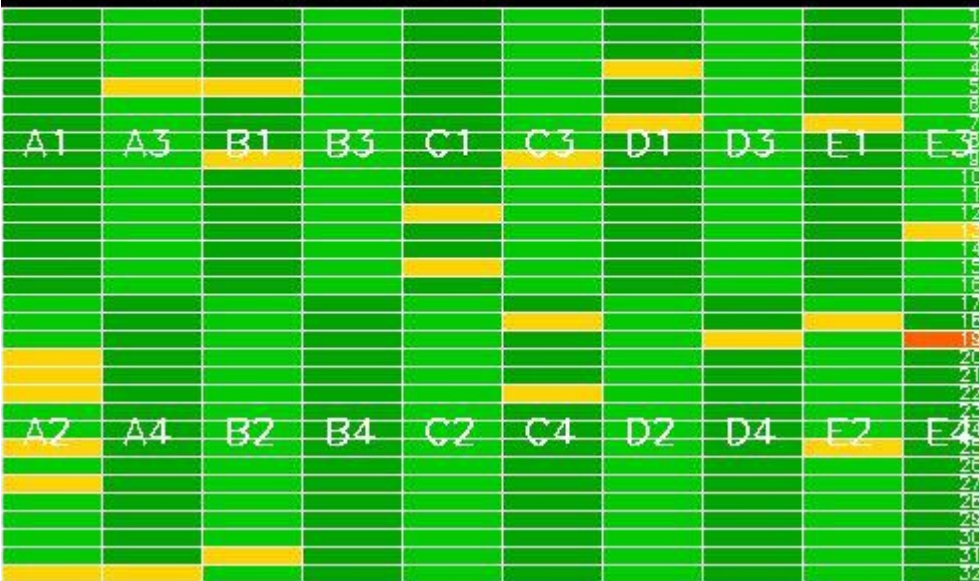
Reference: 2010-10-31 02:15:13 V RxGain  
 Test : 2010-10-31 12:16:38 V

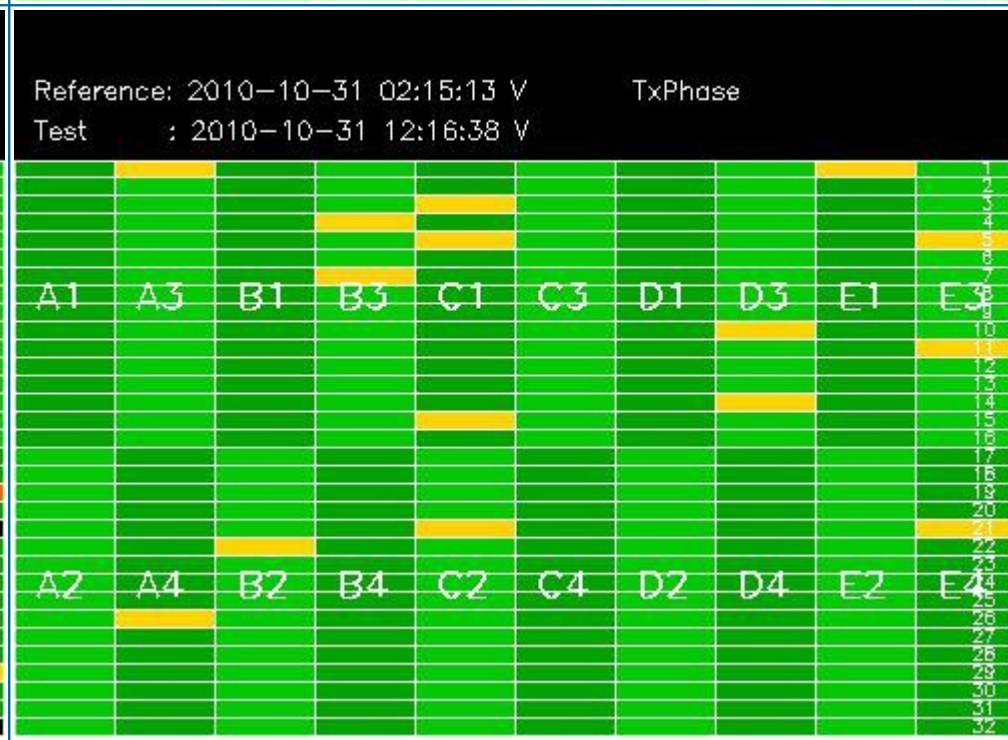
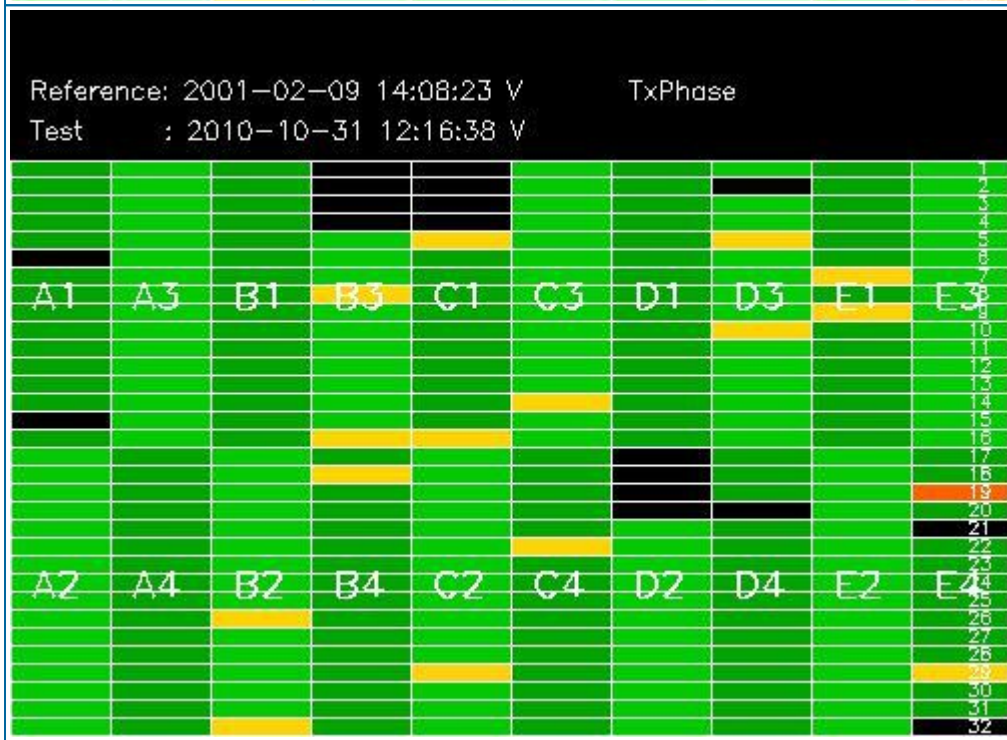
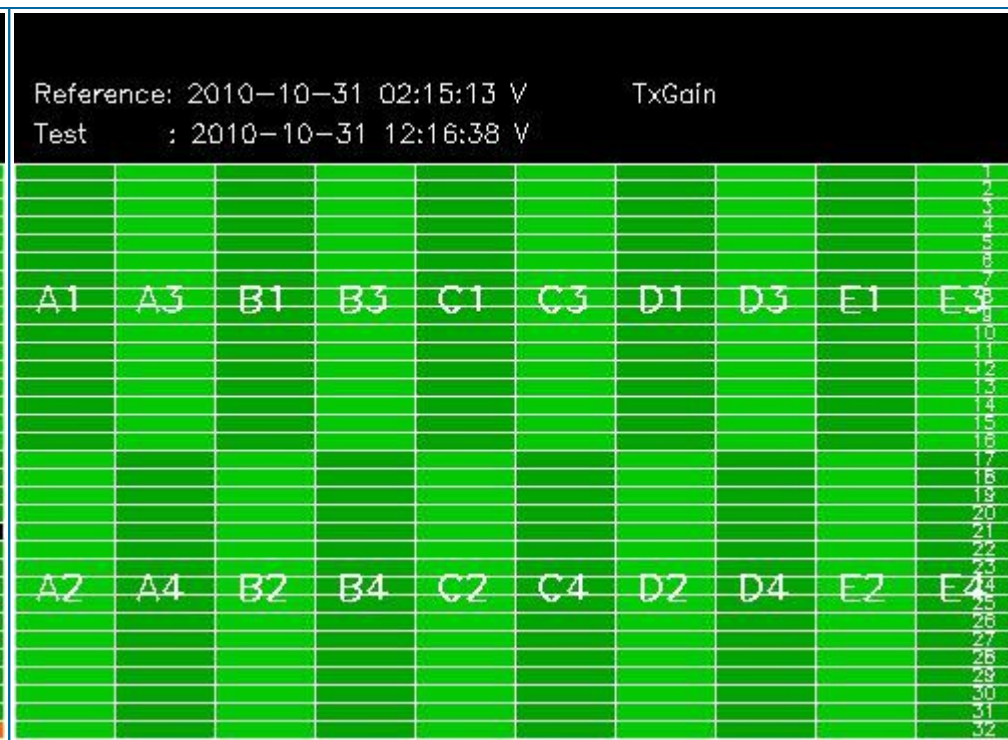
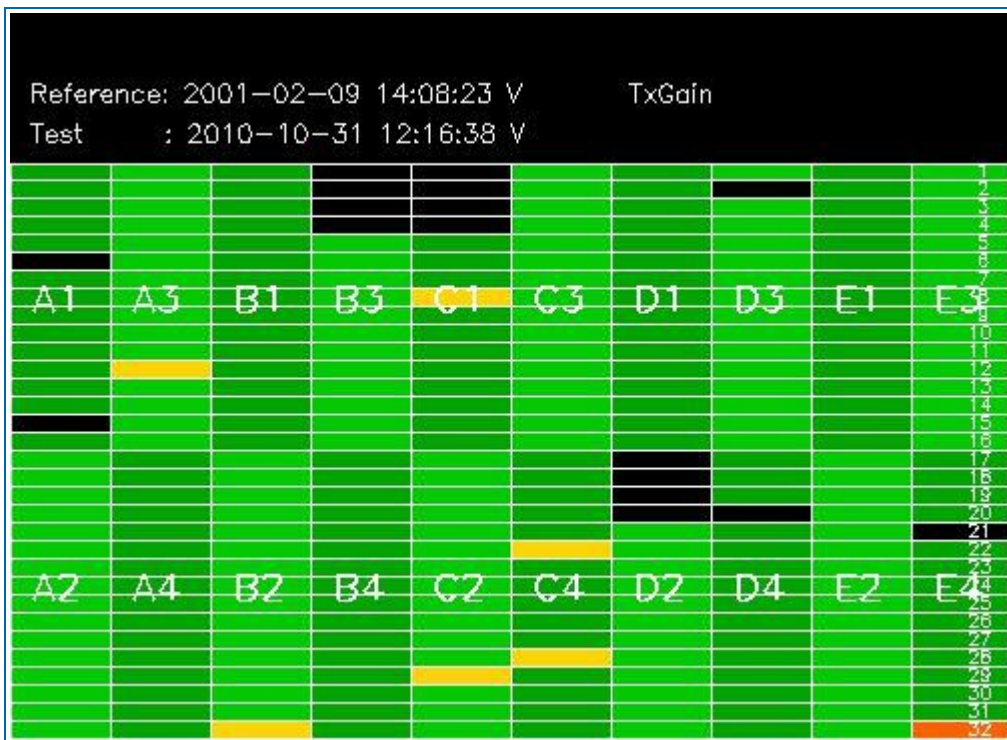


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2010-10-31 12:16:38 V



Reference: 2010-10-31 02:15:13 V RxPhase  
 Test : 2010-10-31 12:16:38 V



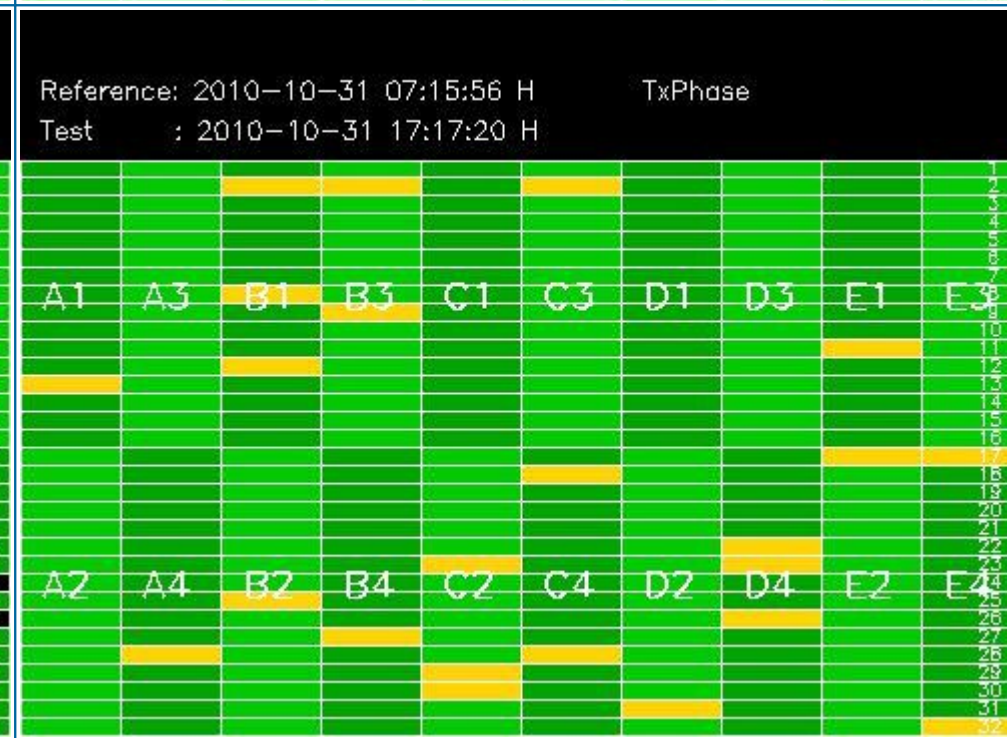
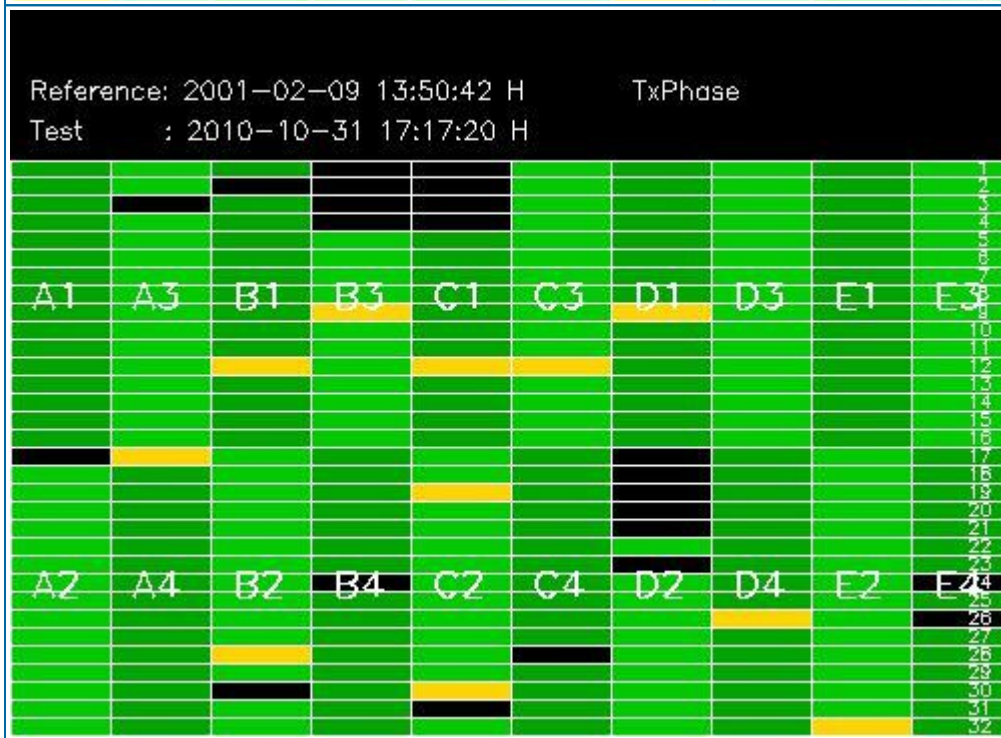
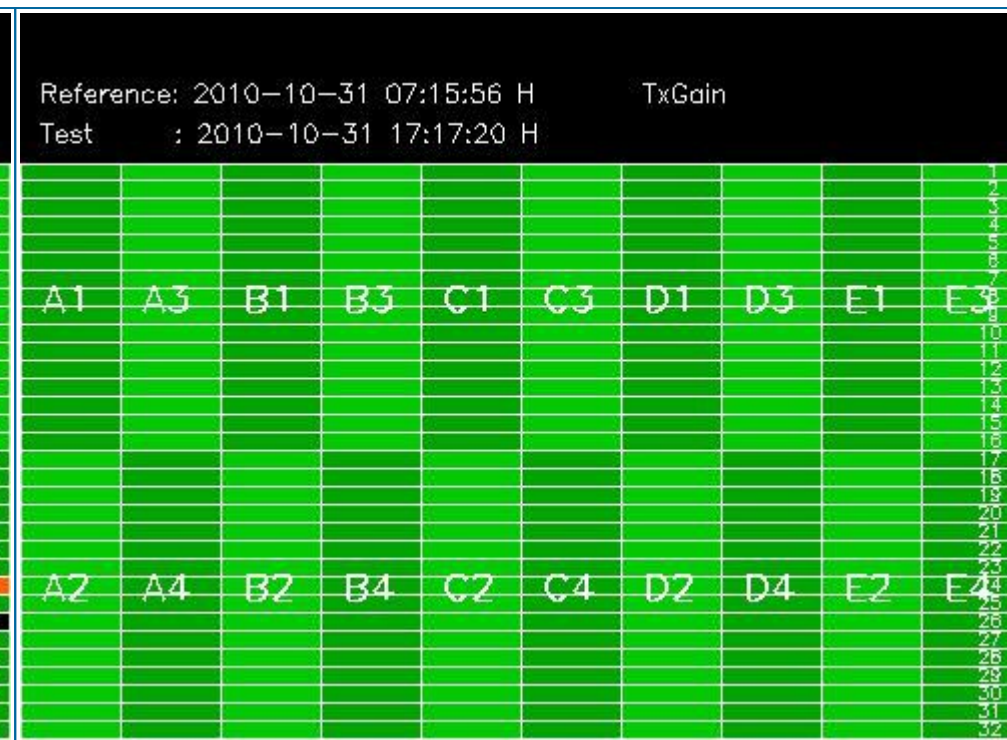
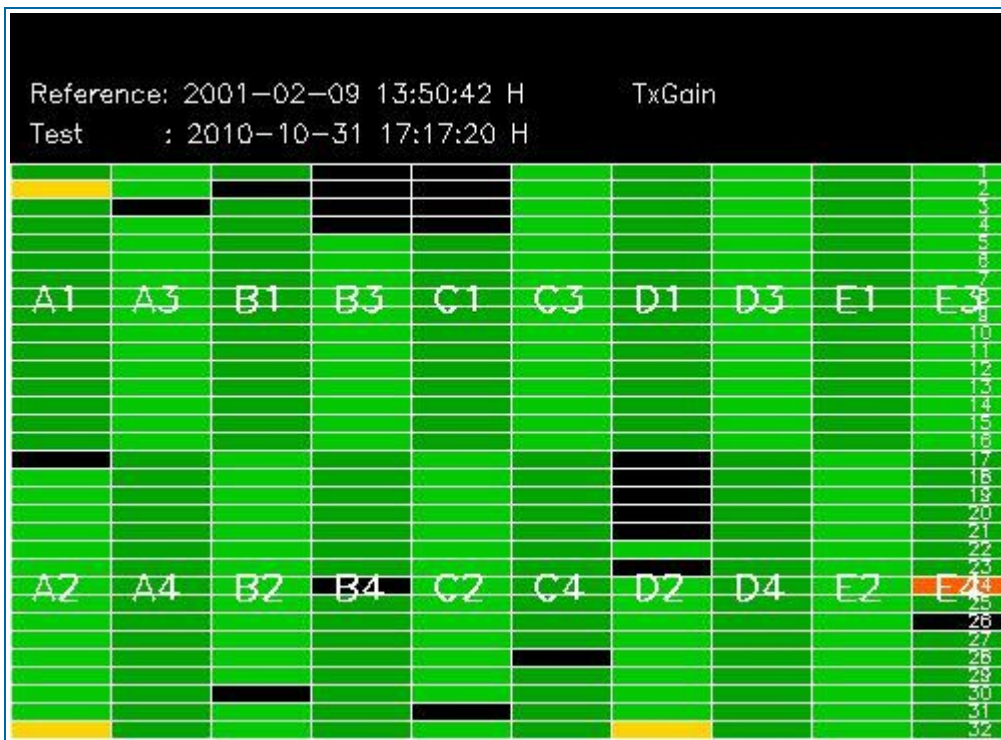


### 3.2 - H/H polarisation

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





## 4 - CALIBRATION PULSES ANALYSIS

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

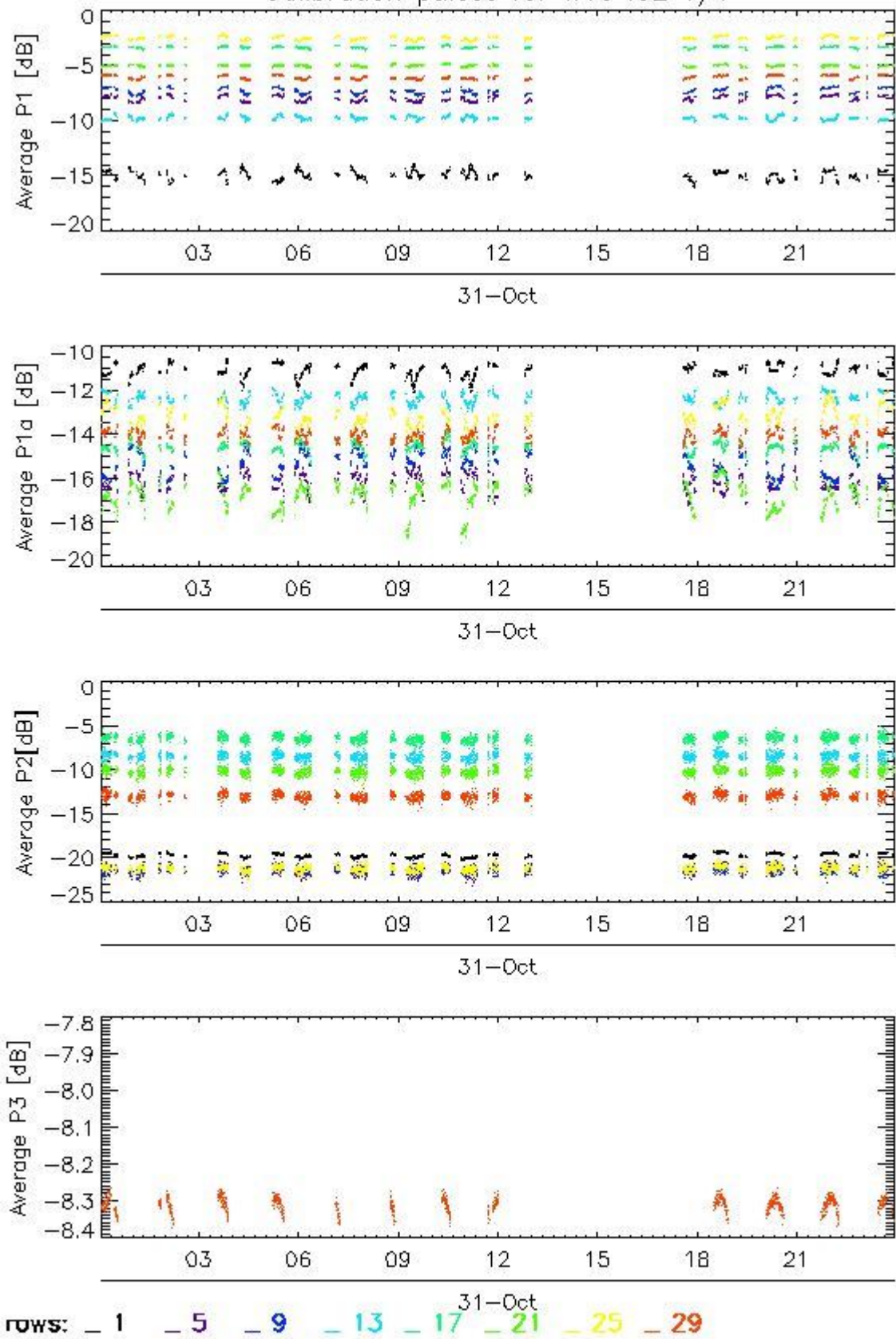
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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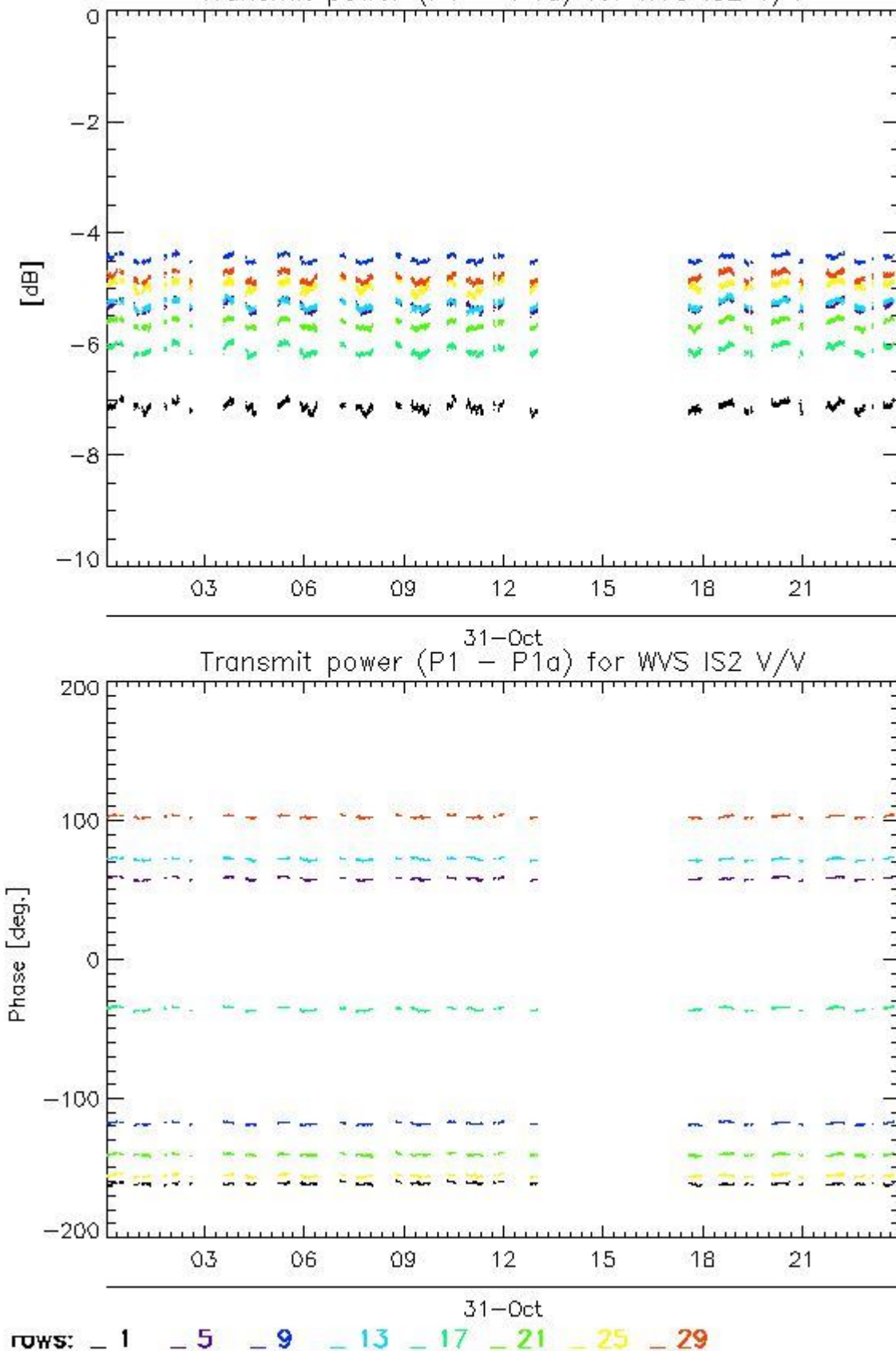
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



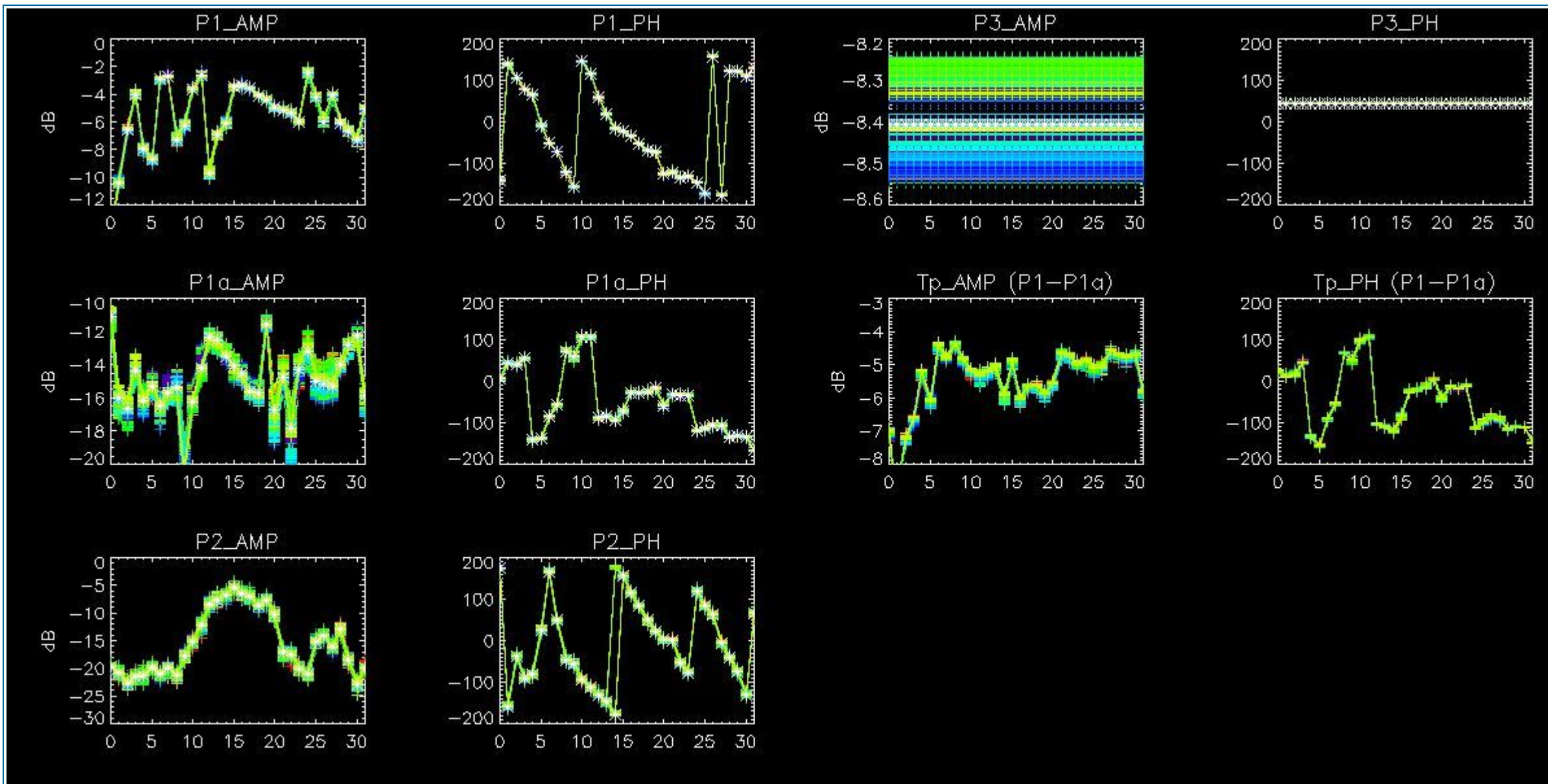
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

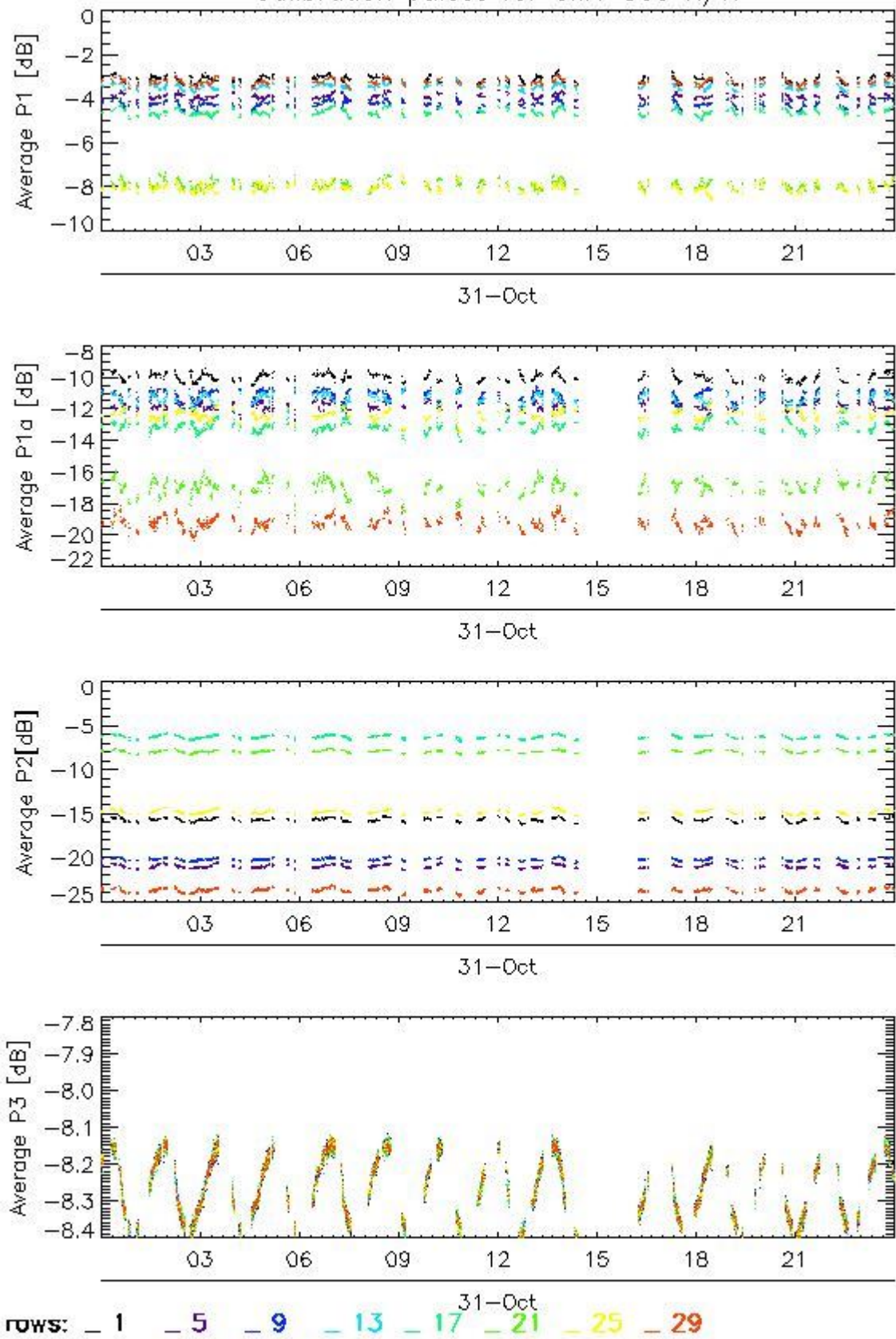
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

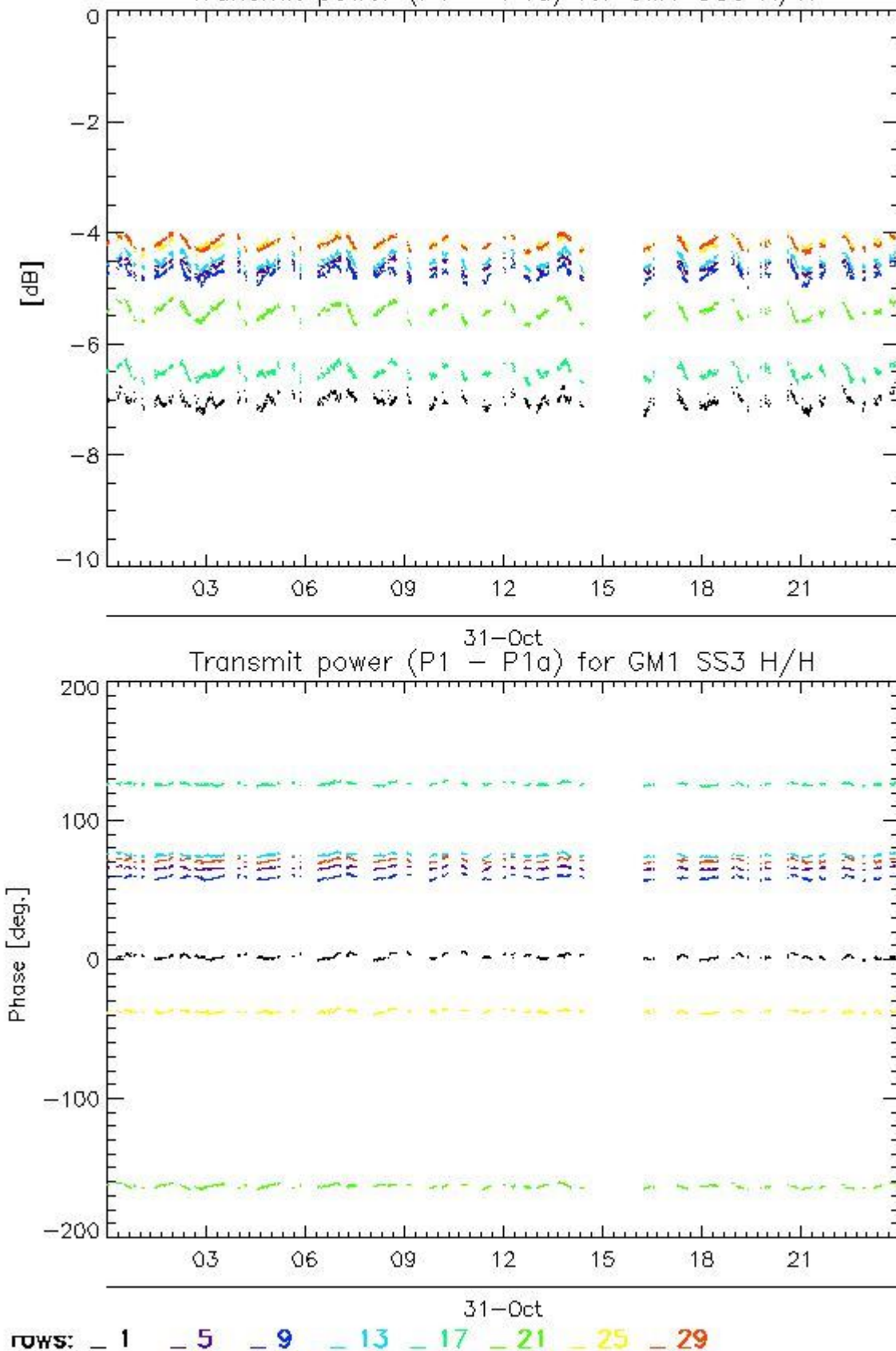
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



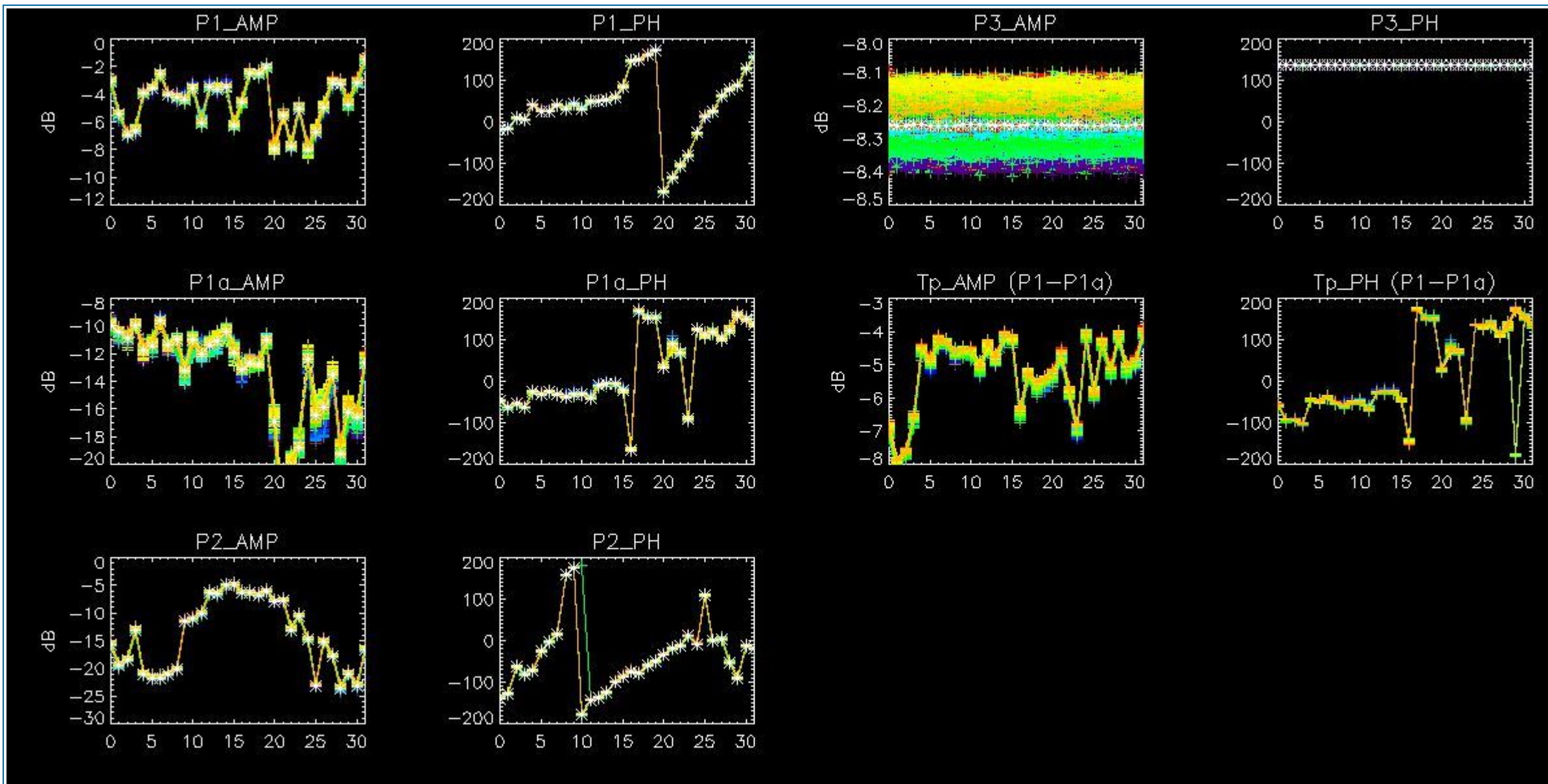
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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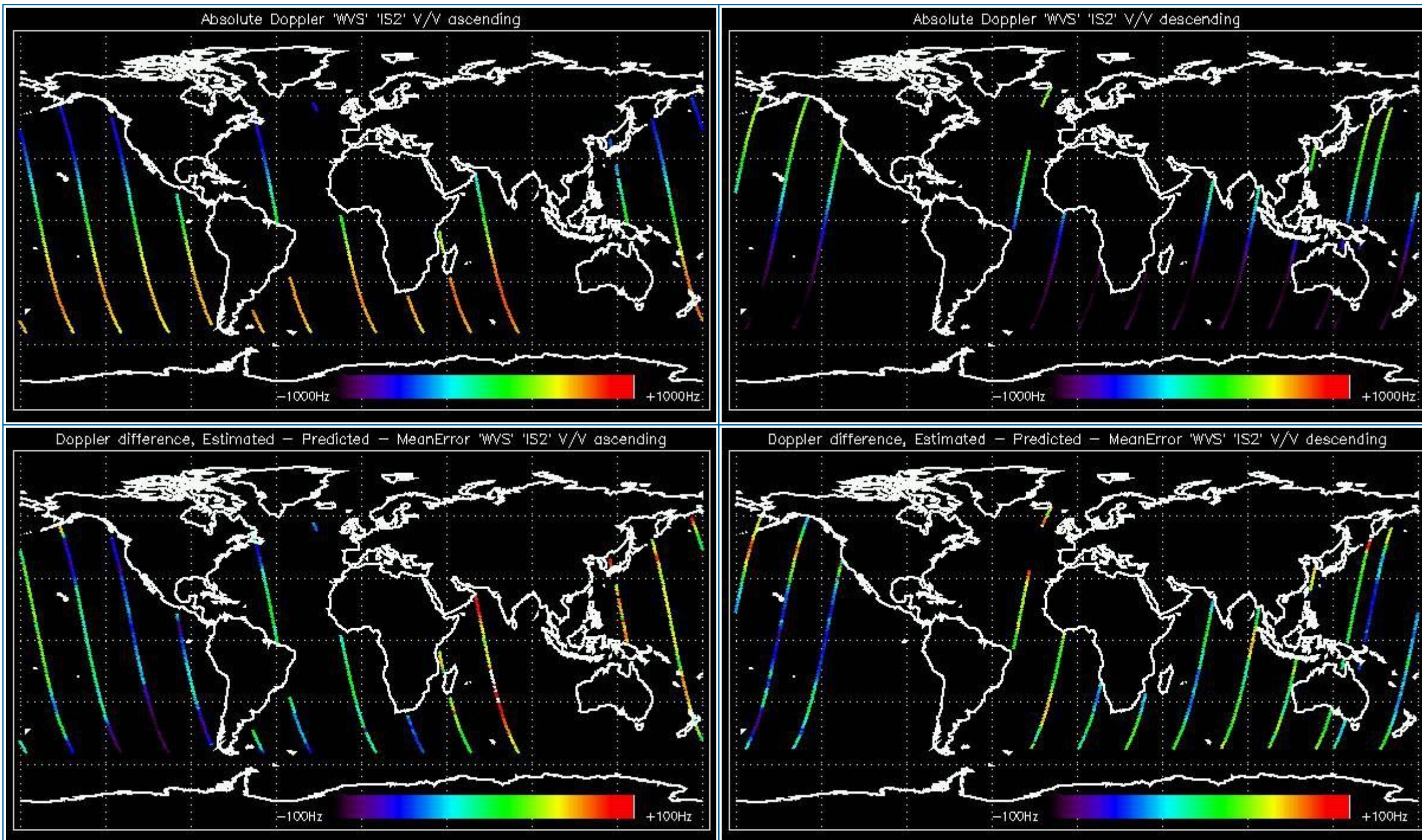
## 5 - DOPPLER ANALYSIS

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

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

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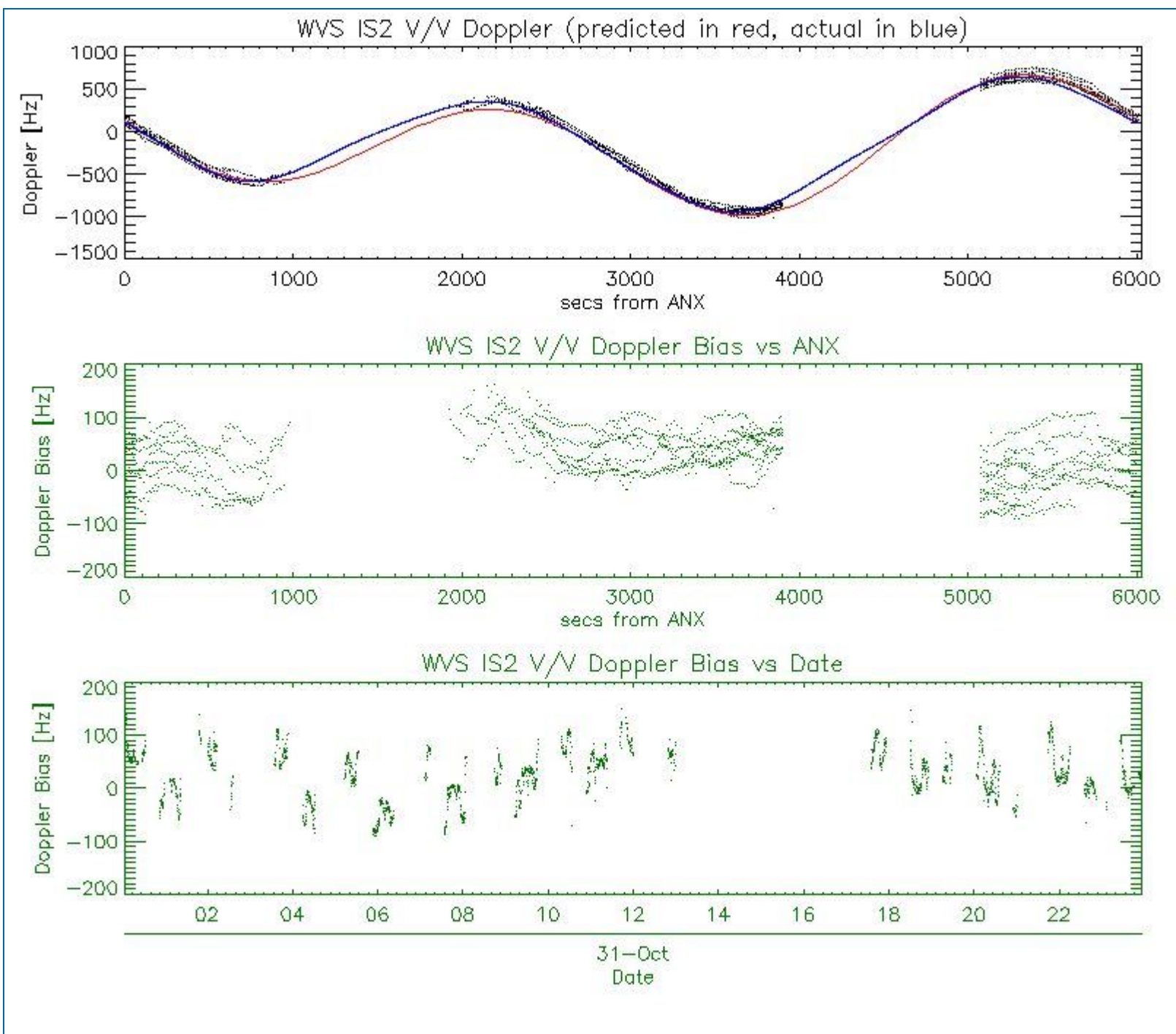




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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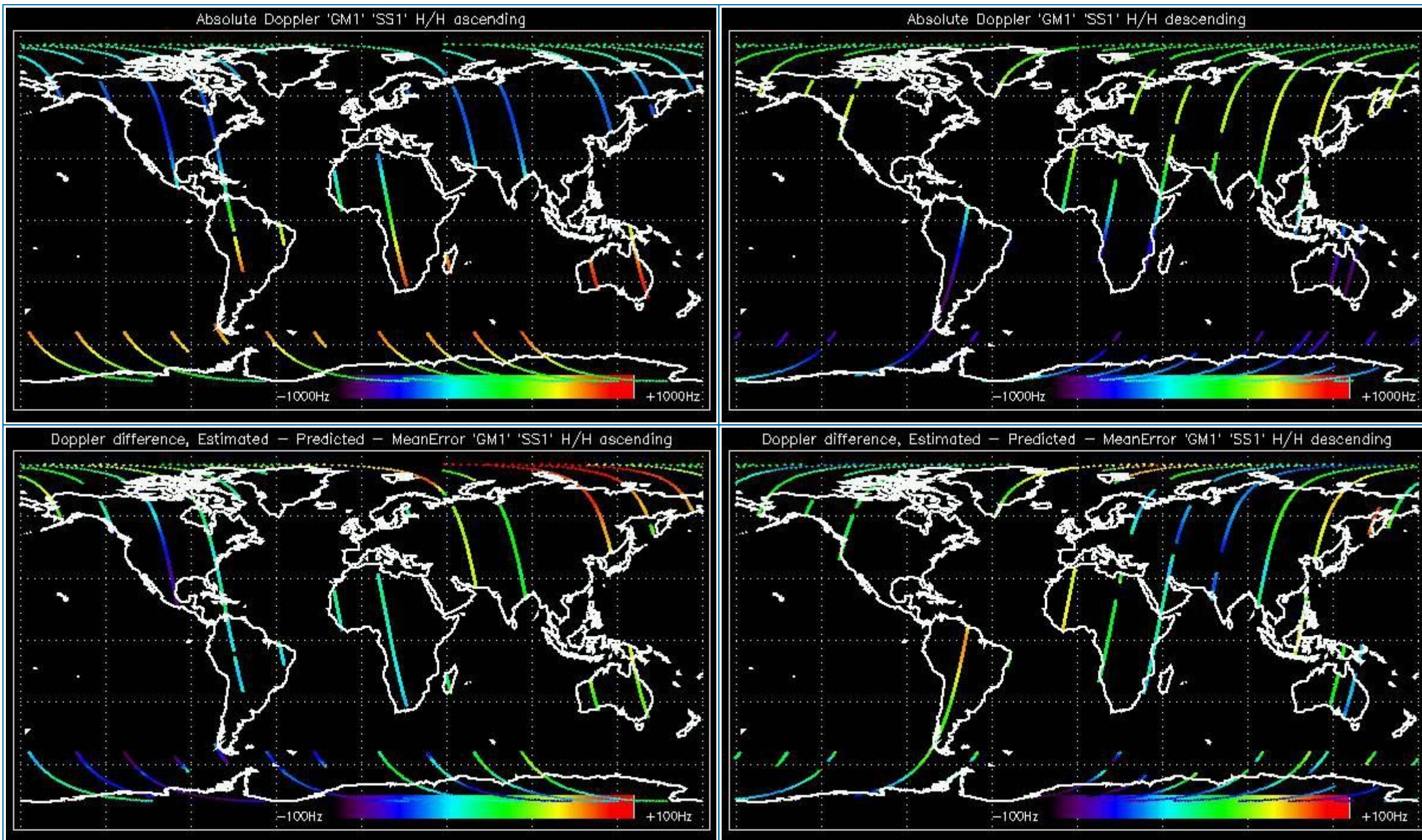


## 5.2 - Analysis for GM1 SS1 H/H

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

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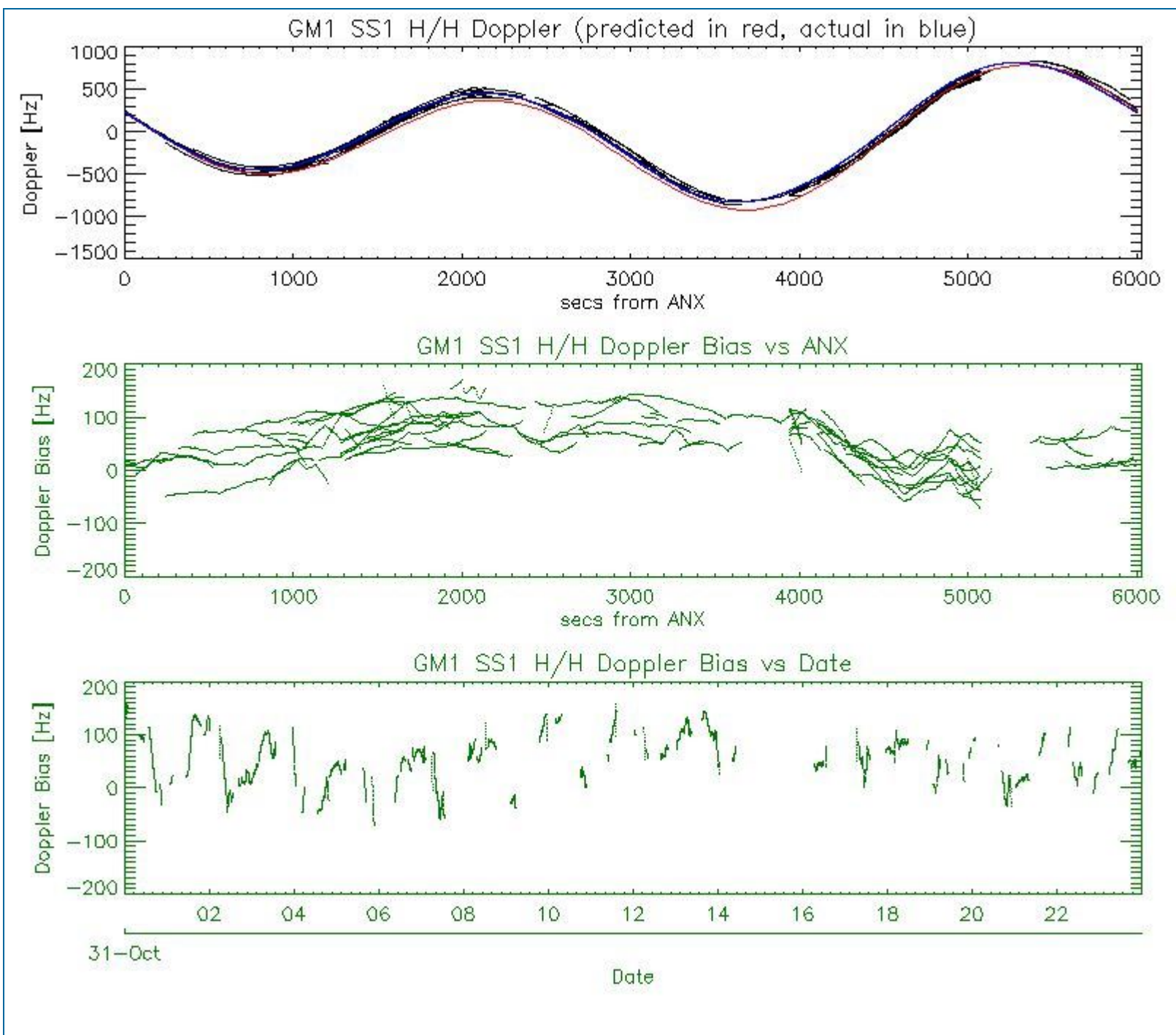




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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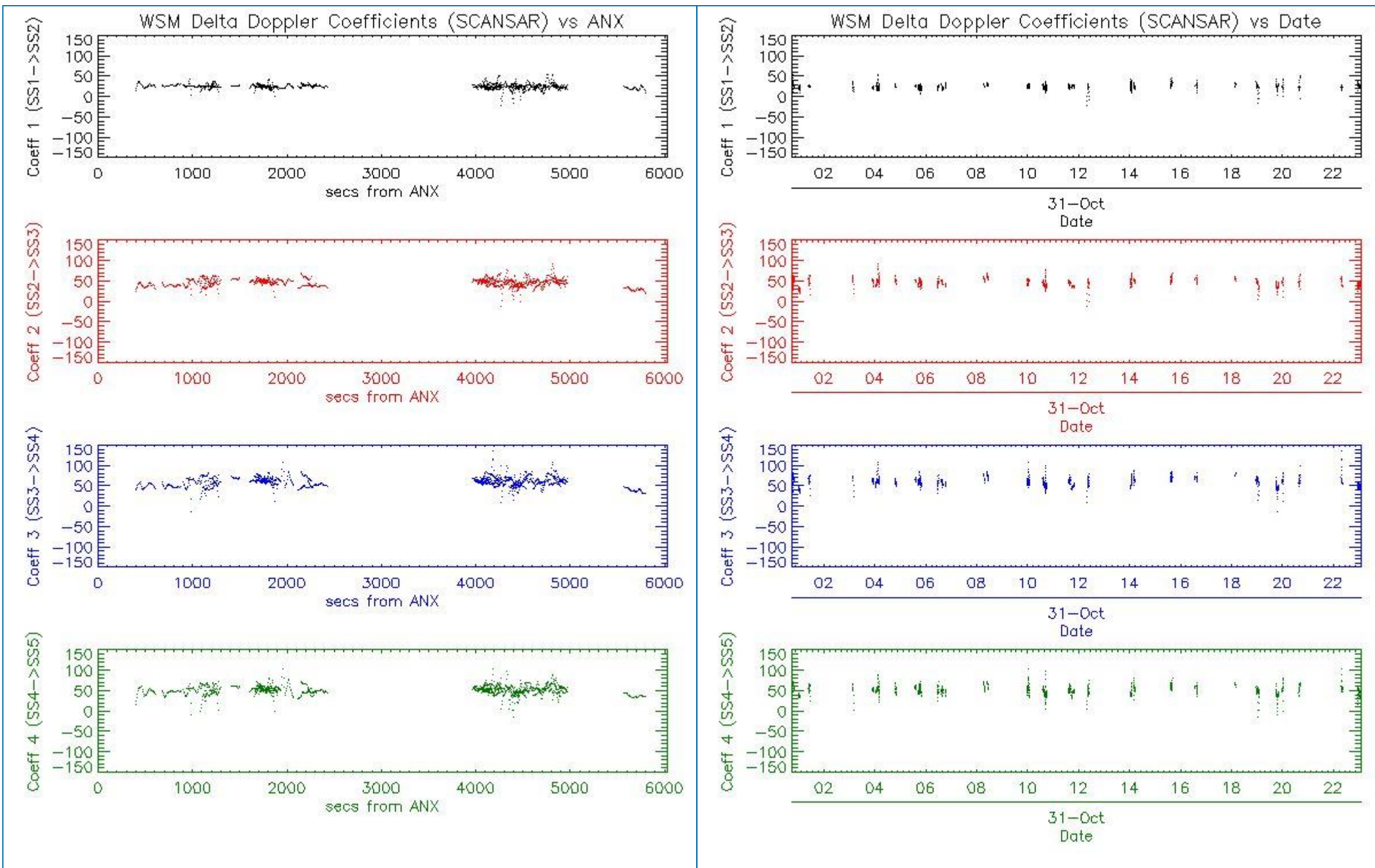




### 5.3 - Doppler JUMPS Analysis for WSM

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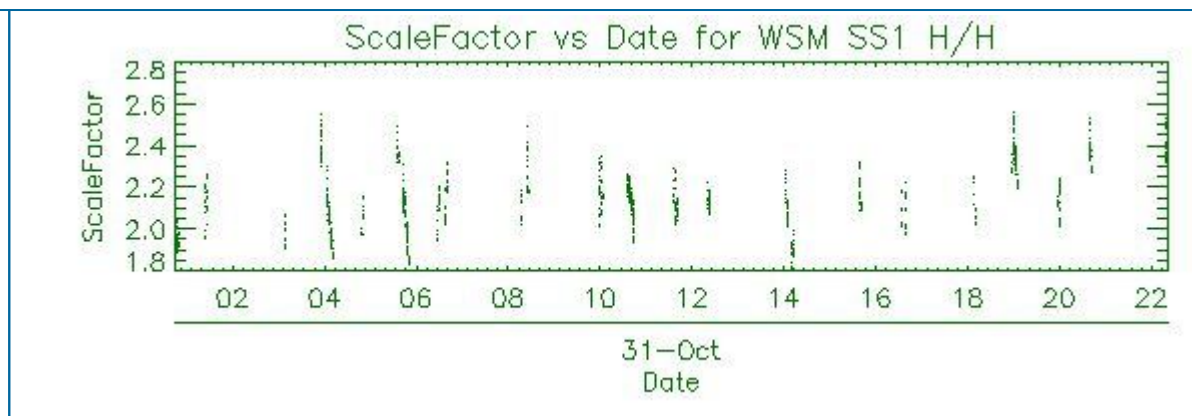
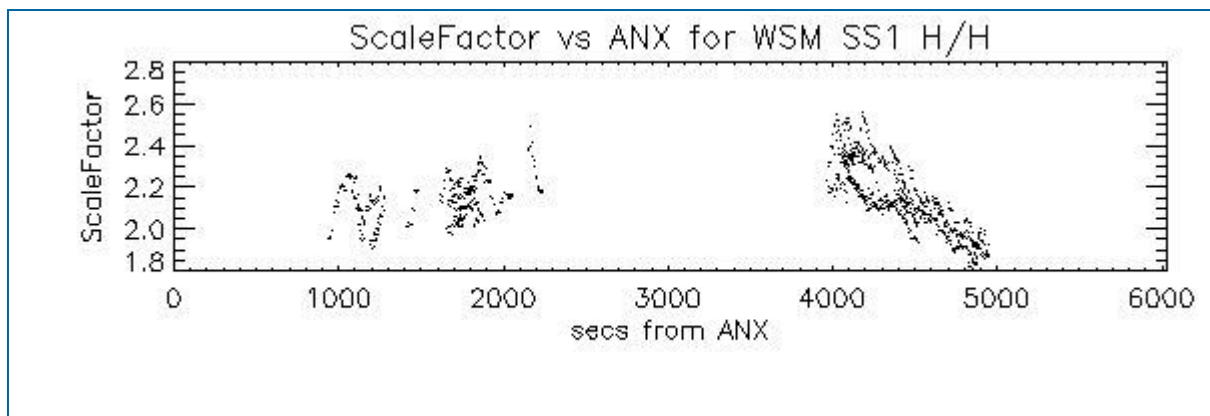
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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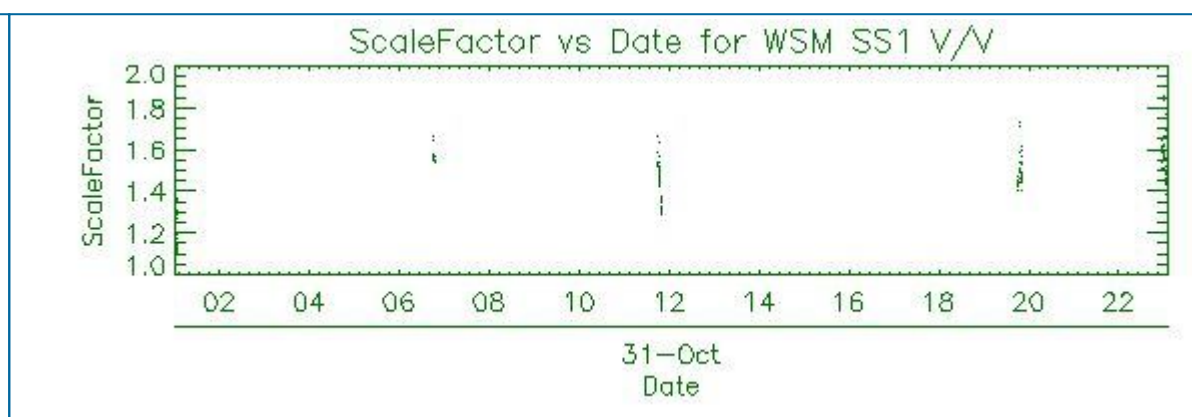
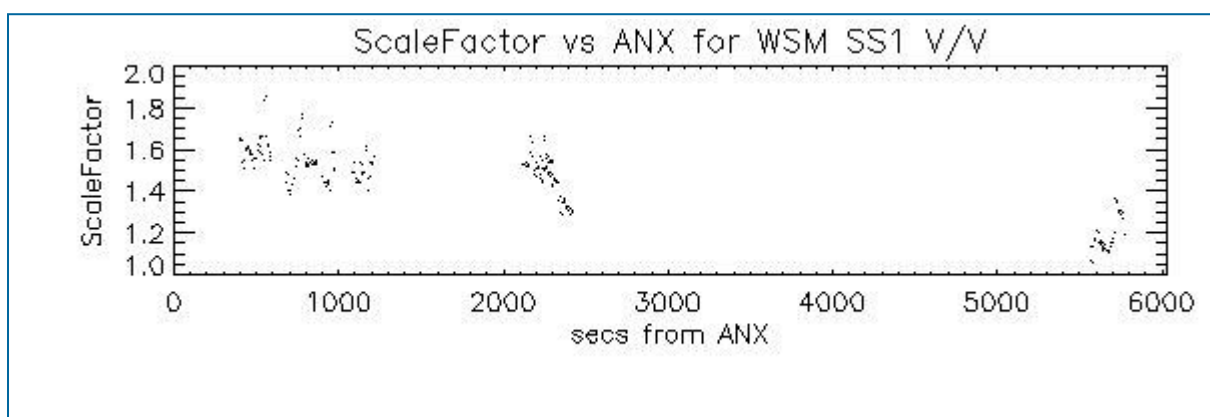




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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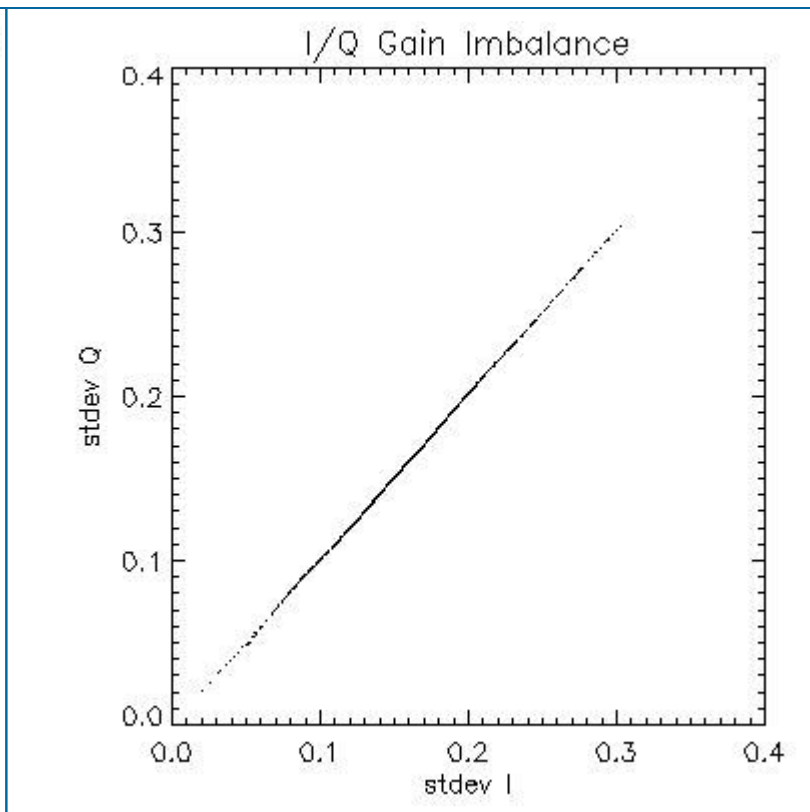
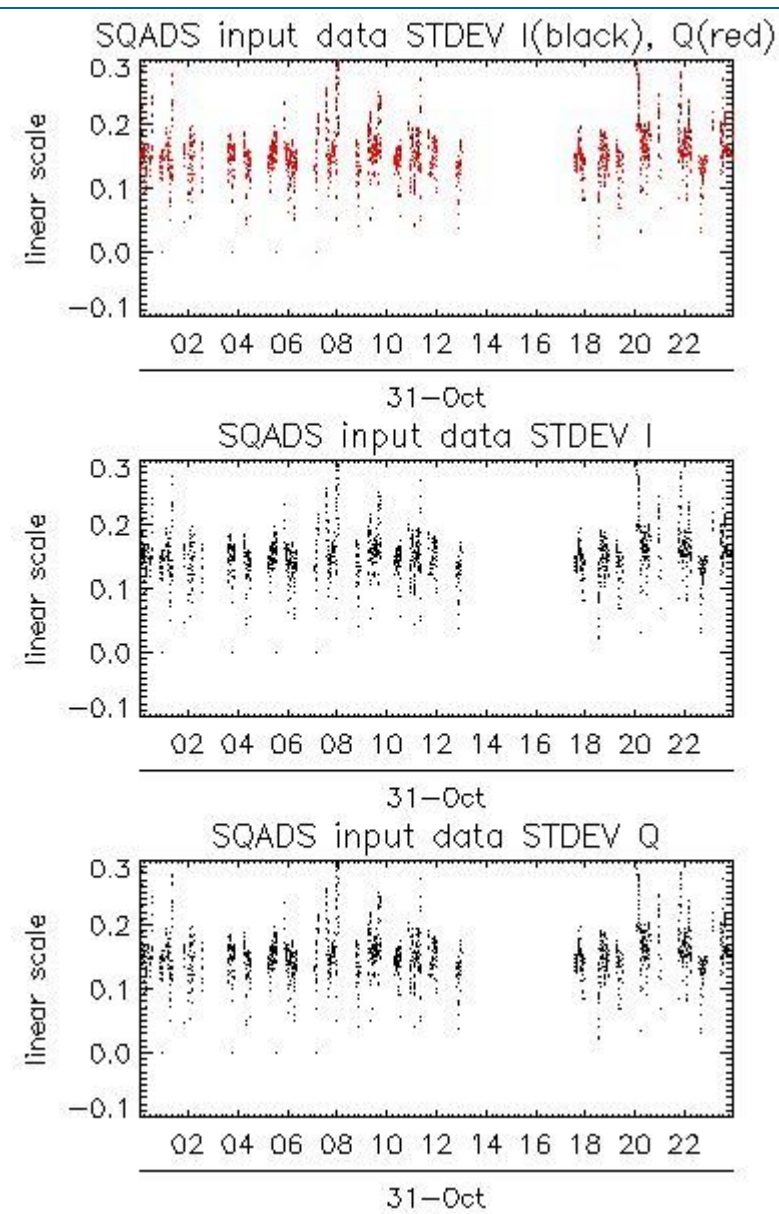
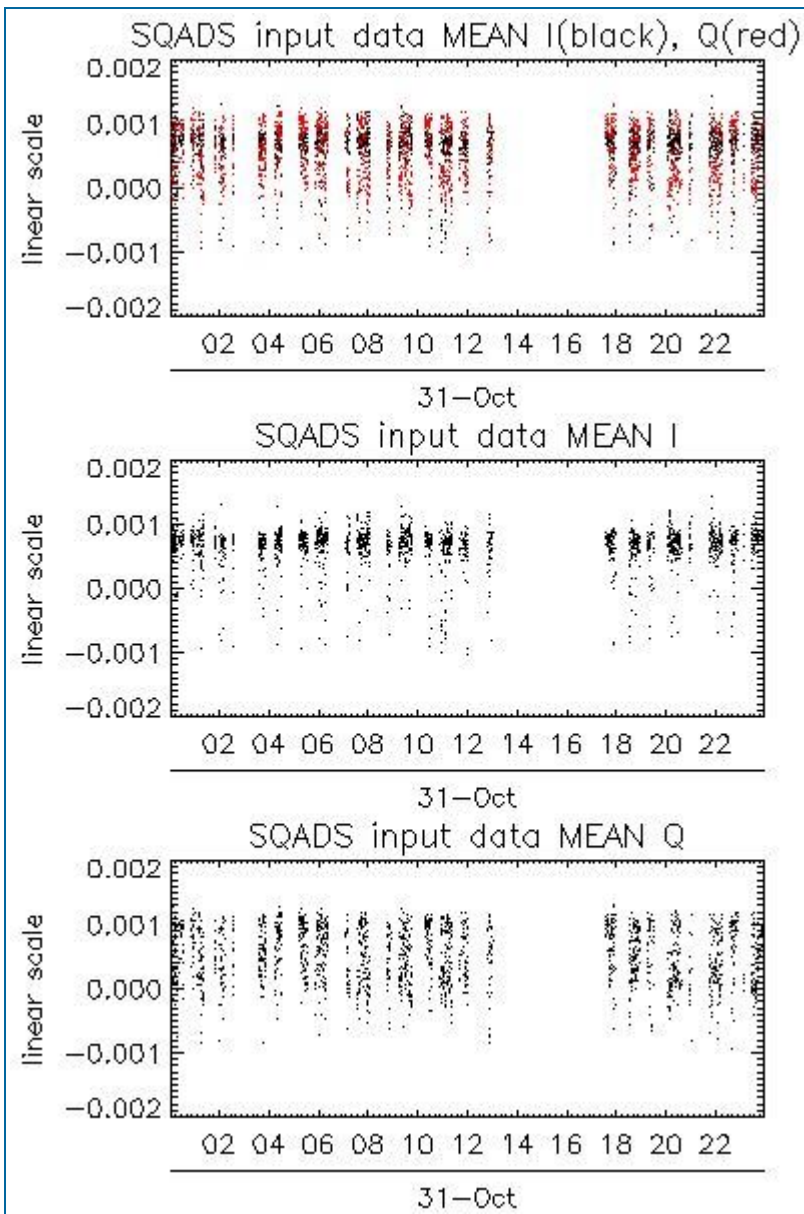
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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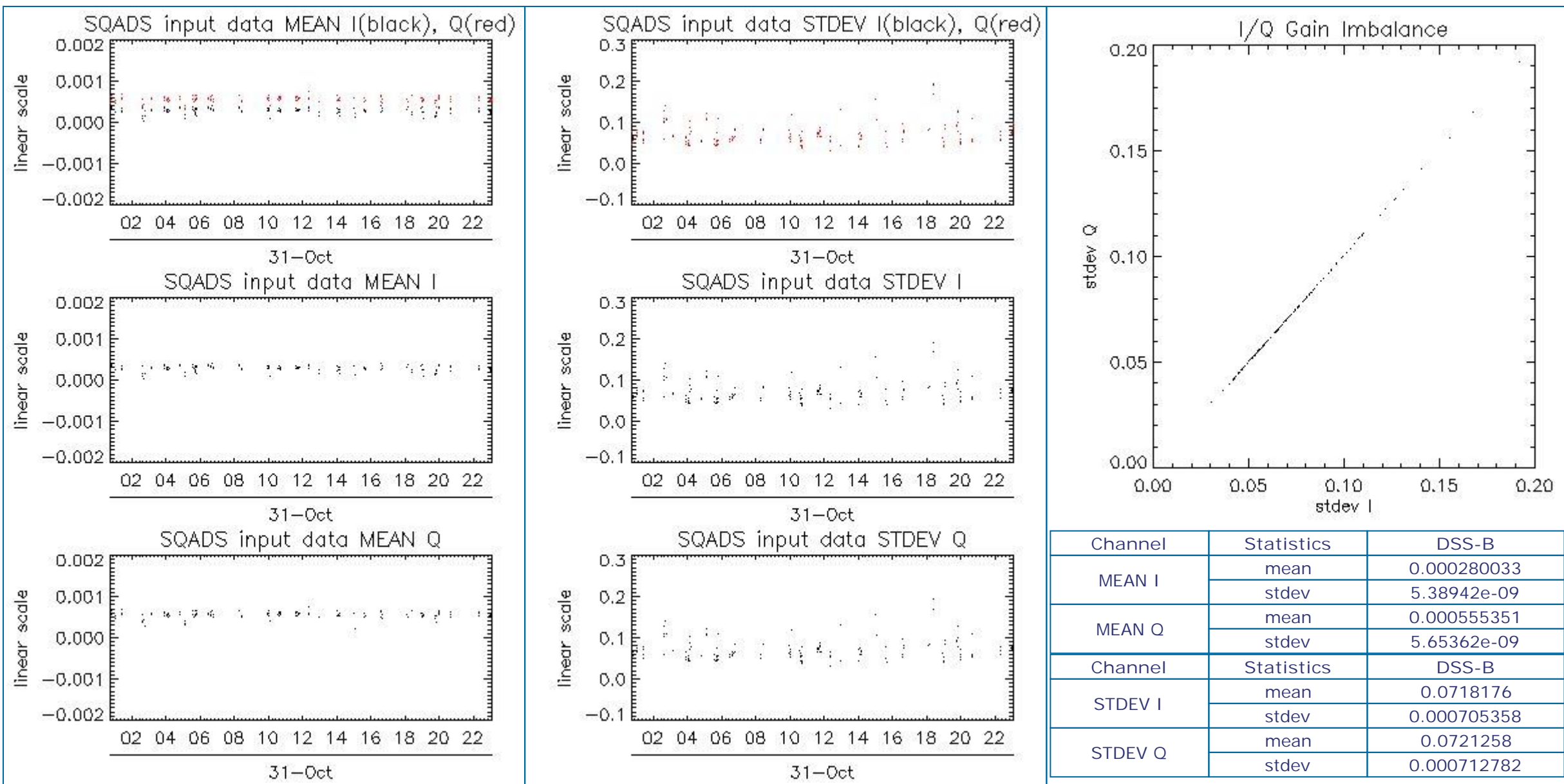


Channel	Statistics	DSS-B
MEAN I	mean	0.000642412
	stdev	1.09784e-07
MEAN Q	mean	0.000515740
	stdev	1.96799e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.153847
	stdev	0.00146229
STDEV Q	mean	0.154430
	stdev	0.00149025

## 7.2 - Analysis for IMM

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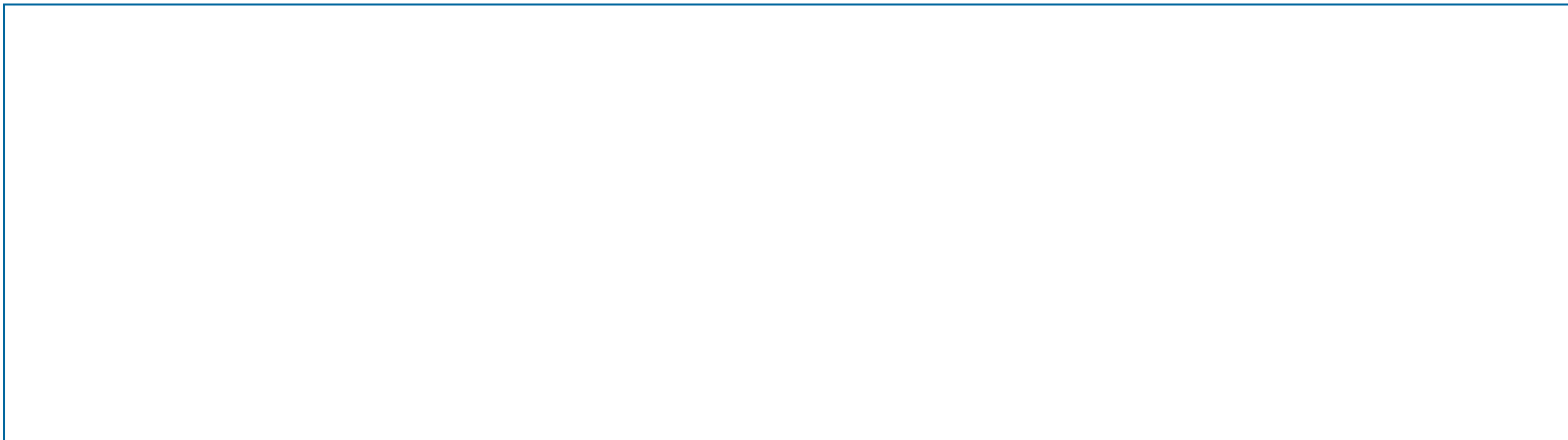


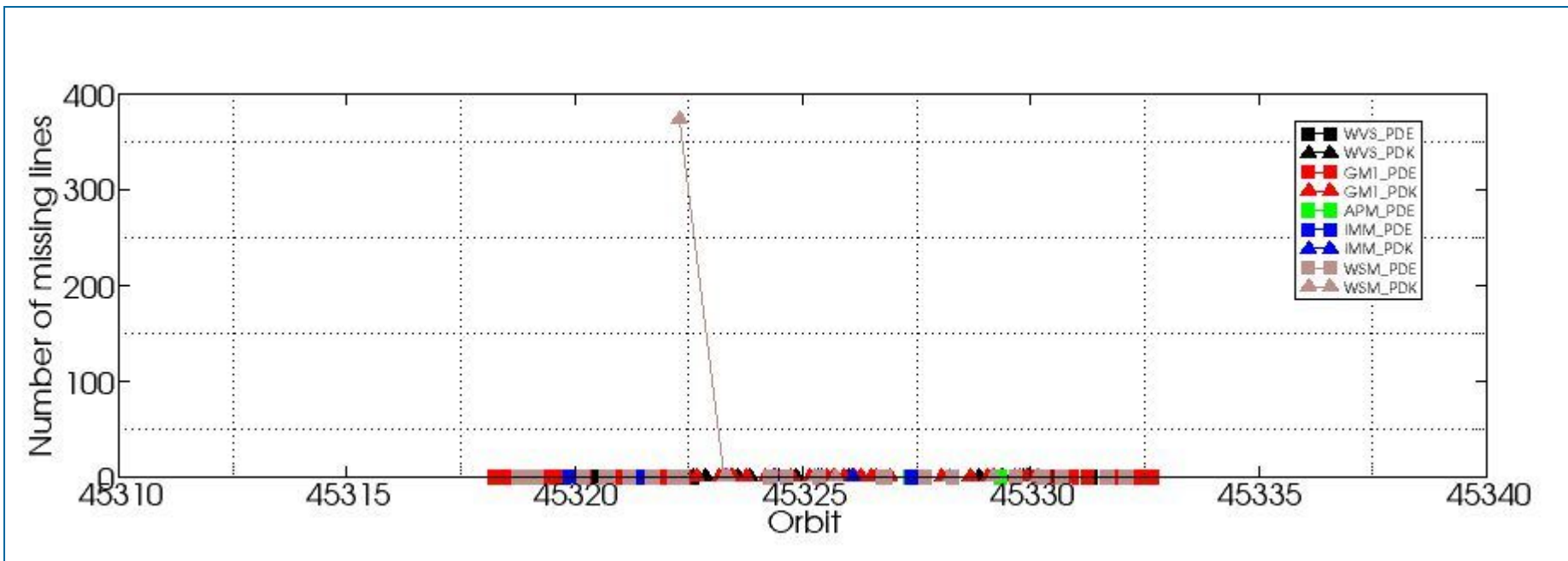
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20101031_063710_000002083096_00049_45322_6358.N1	0	374

### 8.1 - Number of Missing lines

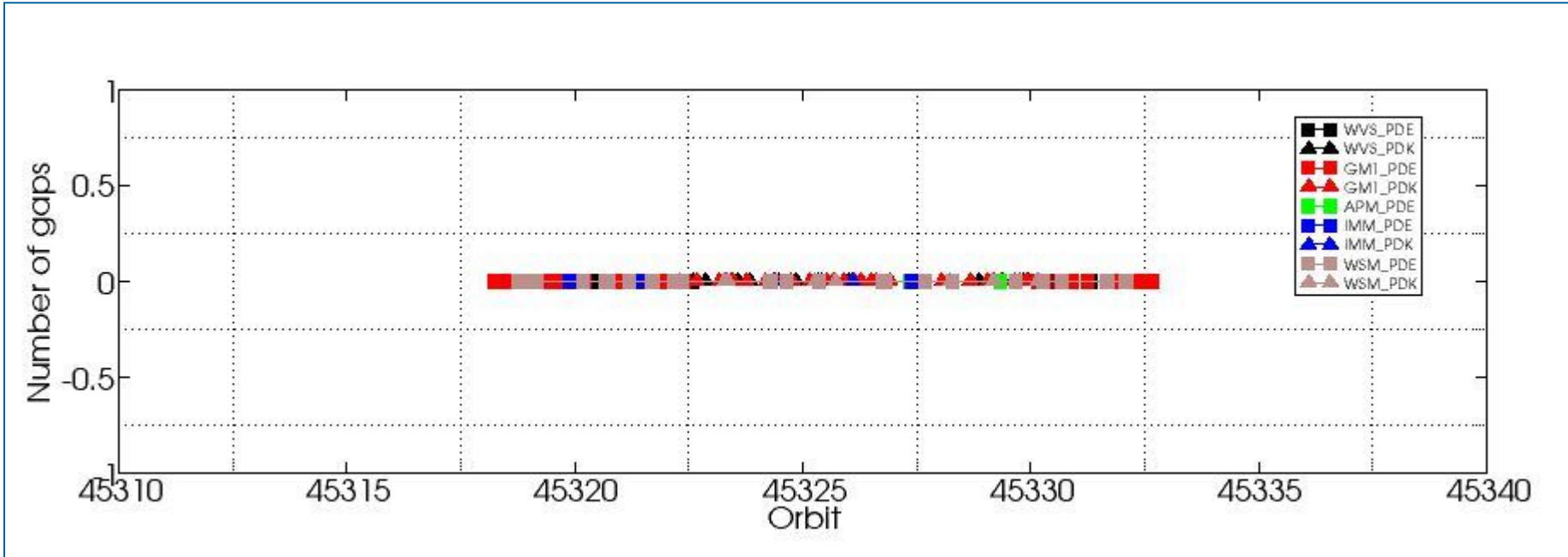
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 101031  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2010-10-31 00:00:00

Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/

DATA SUMMARY  
#####  
Summary will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_101031/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101031/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/AUXILIARY

Creating directory ./RESULTS/DAILY/\_101031/AUXILIARY...

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

ADF filter 20101031\*current\_3\_IECF\_ADFs.txt  
Found list 20101031\_030003\_current\_3\_IECF\_ADFs.txt...  
Extracting ADFs...

ASA\_CON\_AXVIEC20100608\_125449\_20100317\_120410\_20101231\_000000  
ASA\_INS\_AXVIEC20101028\_095209\_20101022\_000000\_20101231\_235959  
ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
ASA\_XCA\_AXVIEC20100608\_123419\_20100317\_120410\_20110101\_000000

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_WVS.xls...  
Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20101031_000340_000008693096_00045_45318_2814.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_002047_00000593096_00045_45318_2817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_002734_000003153096_00045_45318_2819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_005231_000002393096_00045_45318_2821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_005531_000002703096_00045_45318_2834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_010736_000008993096_00045_45318_2837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_014808_000001943096_00046_45319_2838.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_020056_000007193096_00046_45319_2841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_023245_000001803096_00046_45319_2845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_033415_000007643096_00047_45320_2846.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_034629_000004053096_00047_45320_2872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_041407_000010643096_00047_45320_2876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_051320_000010343096_00048_45321_2880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_053005_000002103096_00048_45321_2890.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_055314_000017543096_00048_45321_2896.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_070621_000002253096_00049_45322_2899.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_200411_000018893096_00057_45330_2930.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_205521_000003003096_00057_45330_2941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_214410_000019043096_00058_45331_2944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_223535_000002403096_00058_45331_2950.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_223850_000007643096_00058_45331_2956.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_230555_00000603096_00059_45332_2958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_232608_000009143096_00059_45332_2960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_234425_000000443096_00059_45332_2962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101031_235217_000002253096_00059_45332_2965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_070936_000002553096_00049_45322_6369.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_073328_000018593096_00049_45322_6372.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_084502_000005403096_00050_45323_6392.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_091342_000019193096_00050_45323_6395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_101824_000009443096_00051_45324_6416.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_105356_000017393096_00051_45324_6419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_114133_000001503096_00052_45325_6439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_115013_000006293096_00052_45325_6441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_124900_000004803096_00052_45325_6450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_125913_000000753096_00053_45326_6451.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_173453_000013043096_00055_45328_6532.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_182950_000015293096_00056_45329_6554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_191507_000004503096_00056_45329_6553.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101031_192609_000001643096_00056_45329_6557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

\*\*\*\*\*

Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_GM1.xls...  
Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_GM1.txt...





```
ASA_GM1_1PNPDK20101031_182341_000003683096_00056_45329_6550.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101031_185610_000001203096_00056_45329_6551.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101031_190452_000006103096_00056_45329_6555.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101031_192319_000001693096_00056_45329_6552.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

\*\*\*\*\*

Analysing APM products...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20101031_150258_000000593096_00054_45327_2919.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101031_182235_000000433096_00056_45329_2922.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

\*\*\*\*\*

Analysing IMM products...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20101031_023620_000002783096_00046_45319_2831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101031_024548_000000393096_00046_45319_2832.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101031_050650_000001583096_00048_45321_2869.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101031_150710_000000383096_00054_45327_2918.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101031_100421_000000373096_00051_45324_6404.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101031_125745_000000823096_00053_45326_6455.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_101031/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20101031_004442_000003303096_00045_45318_2811.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_010037_000002393096_00045_45318_2829.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_012342_000002143096_00046_45319_2830.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_030803_000000983096_00047_45320_2833.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_035432_000001533096_00047_45320_2855.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_040242_000005143096_00047_45320_2868.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_044846_000000923096_00048_45321_2870.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_053508_000001533096_00048_45321_2886.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_054143_000005143096_00048_45321_2888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_062733_000001533096_00049_45322_2889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_064554_000000923096_00049_45322_2887.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_095802_000003493096_00051_45324_2907.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_103518_000005753096_00051_45324_2908.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_114449_000003123096_00052_45325_2909.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_140236_000002143096_00053_45326_2916.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_141003_000001533096_00053_45326_2917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_153733_000002143096_00054_45327_2920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_163748_000001533096_00055_45328_2921.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_185815_000003923096_00056_45329_2923.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_195821_000002143096_00057_45330_2924.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_203821_000002083096_00057_45330_2927.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_221827_000001903096_00058_45331_2938.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_225744_000002143096_00059_45332_2953.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101031_230225_000002083096_00059_45332_2954.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_063710_000002083096_00049_45322_6358.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_081703_000000923096_00050_45323_6377.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_082450_000001163096_00050_45323_6379.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_113619_000002943096_00052_45325_6425.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_122040_000002143096_00052_45325_6452.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



```

ASA_WSM_1PNPDK20101031_163344_000000923096_00055_45328_6513.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_180828_000000923096_00056_45329_6534.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_194544_000000923096_00057_45330_6558.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101031_194844_000001533096_00057_45330_6556.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

AUXILIARY FILES ANALYSIS completed  
#####

MODULE STEPPING ANALYSIS  
#####  
Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_101031/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_101031/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

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

Exporting results to the directory ../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_0PNPDK20101031\_171720\_000000163096\_00055\_45328\_0252.N1

H  
H  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20101031\_171720-20010209\_135042.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20101031\_171720-20010209\_135042.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20101031\_171720-20010209\_135042.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20101031\_171720-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_0PNPDK20101031\_121638\_000000163096\_00052\_45325\_0251.N1

V  
V  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20101031\_121638-20010209\_140823.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20101031\_121638-20010209\_140823.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20101031\_121638-20010209\_140823.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20101031\_121638-20010209\_140823.png

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

Exporting results to the directory ../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_0PNPDK20101031\_071556\_000000163096\_00049\_45322\_0250.N1  
Test product: ASA\_MS\_0PNPDK20101031\_171720\_000000163096\_00055\_45328\_0252.N1

H  
H  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20101031\_171720-20101031\_071556.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20101031\_171720-20101031\_071556.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20101031\_171720-20101031\_071556.png  
../../RESULTS/DAILY/\_101031/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20101031\_171720-20101031\_071556.png

Polarization: V  
Reference product: ASA\_MS\_0PNPDE20101031\_021513\_000000163096\_00046\_45319\_0037.N1  
Test product: ASA\_MS\_0PNPDK20101031\_121638\_000000163096\_00052\_45325\_0251.N1



```
V
V
../../RESULTS/DAILY/_101031/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101031_121638-20101031_021513.png
../../RESULTS/DAILY/_101031/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101031_121638-20101031_021513.png
../../RESULTS/DAILY/_101031/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101031_121638-20101031_021513.png
../../RESULTS/DAILY/_101031/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101031_121638-20101031_021513.png
```

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

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101031/CALIBRATION_PULSES...
```

```
*****
*****
ALL ROWS Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59
```

```
Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...
```

```
*****
*****
TEMPORAL EVOLUTION Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-31_1.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-31_2.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-31_3.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-31_4.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_101031//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 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-31_1.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101031/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-31_2.dat...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_101031//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...
```

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_101031/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-31\_3.dat...  
Writing ../../RESULTS/DAILY/\_101031//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_101031//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-31 00:00:00 to 2010-10-31 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_101031/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-31\_4.dat...  
Writing ../../RESULTS/DAILY/\_101031//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_101031//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_101031/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-10-31.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101031/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-10-31.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101031/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-31 00:00:00 to 2010-10-31 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-10-31.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101031/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_101031/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 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 = 48.182428 Hz  
Writing file ../../RESULTS/DAILY/\_101031//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_101031//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = 3.5218640 Hz
Writing file ../../RESULTS/DAILY/_101031//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_101031//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 = 78.708266 Hz
Writing file ../../RESULTS/DAILY/_101031//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101031//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = 30.537440 Hz
Writing file ../../RESULTS/DAILY/_101031//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101031//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101031/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...
Writing file ./RESULTS/DAILY/_101031/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-31.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101031/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101031/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...
Writing file ./RESULTS/DAILY/_101031/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-31.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101031/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101031/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

RAW DATA ANALYSIS

#####  
Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_101031/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_WVS\_2010-10-31.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2010-10-31 00:00:00 to 2010-10-31 23:59:59...  
Writing file ./RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_IMM\_2010-10-31.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101031/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2010-10-31 00:00:00 to 2010-10-31 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101031/TELEMETRY

Creating directory ./RESULTS/DAILY/\_101031/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 25 products from PDE...  
Checking 14 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 40 products from PDE...  
Checking 33 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 2 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 4 products from PDE...  
Checking 2 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 24 products from PDE...  
Checking 9 products from PDK...

Found product...ASA\_WSM\_1PNPDK20101031\_063710\_000002083096\_00049\_45322\_6358.N1 / 0 gaps / 374 missing lines

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_101031/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_101031/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_101031/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  
#####



Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20101031_150258_000000593096_00054_45327_2919.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101031_182235_000000433096_00056_45329_2922.N1	OK	OK	OK	OK

Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_GM1_1PNPDE20101031_001854_000001083096_00045_45318_2816.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_002227_000002593096_00045_45318_2818.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_003332_000006713096_00045_45318_2820.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_005020_000001263096_00045_45318_2827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_010435_000001813096_00045_45318_2835.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_012717_000012333096_00046_45319_2836.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_015220_000005133096_00046_45319_2839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_021347_000000783096_00046_45319_2840.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_021631_000009733096_00046_45319_2843.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_024107_000002833096_00046_45319_2842.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_024637_000012813096_00046_45319_2844.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_030944_000014683096_00047_45320_2847.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_035709_000003323096_00047_45320_2871.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_041116_000001693096_00047_45320_2873.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_043237_000009673096_00048_45321_2874.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_045020_000009913096_00048_45321_2875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_050940_000002173096_00048_45321_2881.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_053746_000002353096_00048_45321_2891.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_055016_000001753096_00048_45321_2892.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_062305_000002653096_00049_45322_2893.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_063007_000004223096_00049_45322_2894.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_064044_000003083096_00049_45322_2895.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_064729_000011303096_00049_45322_2901.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_194719_000000783096_00057_45330_2925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_195447_000002113096_00057_45330_2926.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_200153_000001323096_00057_45330_2928.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_203624_000001083096_00057_45330_2929.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_204157_000007913096_00057_45330_2932.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_205359_000000723096_00057_45330_2939.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_210144_000010813096_00057_45330_2940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_213452_000005553096_00058_45331_2942.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_221638_000001023096_00058_45331_2943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_222151_000008223096_00058_45331_2946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_225214_000003263096_00059_45332_2957.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_231355_000007313096_00059_45332_2959.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_234158_000001443096_00059_45332_2961.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_234556_000002833096_00059_45332_2963.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_235043_000000843096_00059_45332_2964.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101031_235650_000006283096_00059_45332_2966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_071429_000000783096_00049_45322_6368.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_071714_000009733096_00049_45322_6370.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_080510_000007133096_00050_45323_6371.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_081840_000003683096_00050_45323_6391.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_083026_000000663096_00050_45323_6390.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_083354_000006653096_00050_45323_6393.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_090618_000004413096_00050_45323_6394.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_094630_000006893096_00051_45324_6396.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_100953_000005073096_00051_45324_6415.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_104455_000005373096_00051_45324_6417.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_112339_000000843096_00052_45325_6418.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_112601_000006163096_00052_45325_6420.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_113505_000000663096_00052_45325_6440.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_120124_000001083096_00052_45325_6442.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_121512_000000783096_00052_45325_6443.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_121754_000001633096_00052_45325_6444.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_123901_000000663096_00052_45325_6446.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_124017_000005193096_00052_45325_6448.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_130115_000009493096_00053_45326_6453.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_131556_000004343096_00053_45326_6462.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_133755_000006773096_00053_45326_6463.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_134917_000007983096_00053_45326_6464.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_142013_000002593096_00053_45326_6466.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_161533_000007673096_00055_45328_6510.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_163158_000000963096_00055_45328_6526.N1					OK	OK	OK	OK



ASA_GM1_1PNPDK20101031_171554_000000783096_00055_45328_6527.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_171838_000009733096_00055_45328_6530.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_175716_000006713096_00056_45329_6533.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_181003_000007553096_00056_45329_6549.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_182341_000003683096_00056_45329_6550.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_185610_000001203096_00056_45329_6551.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_190452_000006103096_00056_45329_6555.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101031_192319_000001693096_00056_45329_6552.N1	OK	OK	OK	OK

Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20101031_023620_000002783096_00046_45319_2831.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101031_024548_000000393096_00046_45319_2832.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101031_050650_000001583096_00048_45321_2869.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101031_150710_000000383096_00054_45327_2918.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101031_100421_000000373096_00051_45324_6404.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101031_125745_000000823096_00053_45326_6455.N1	OK	OK	OK	OK

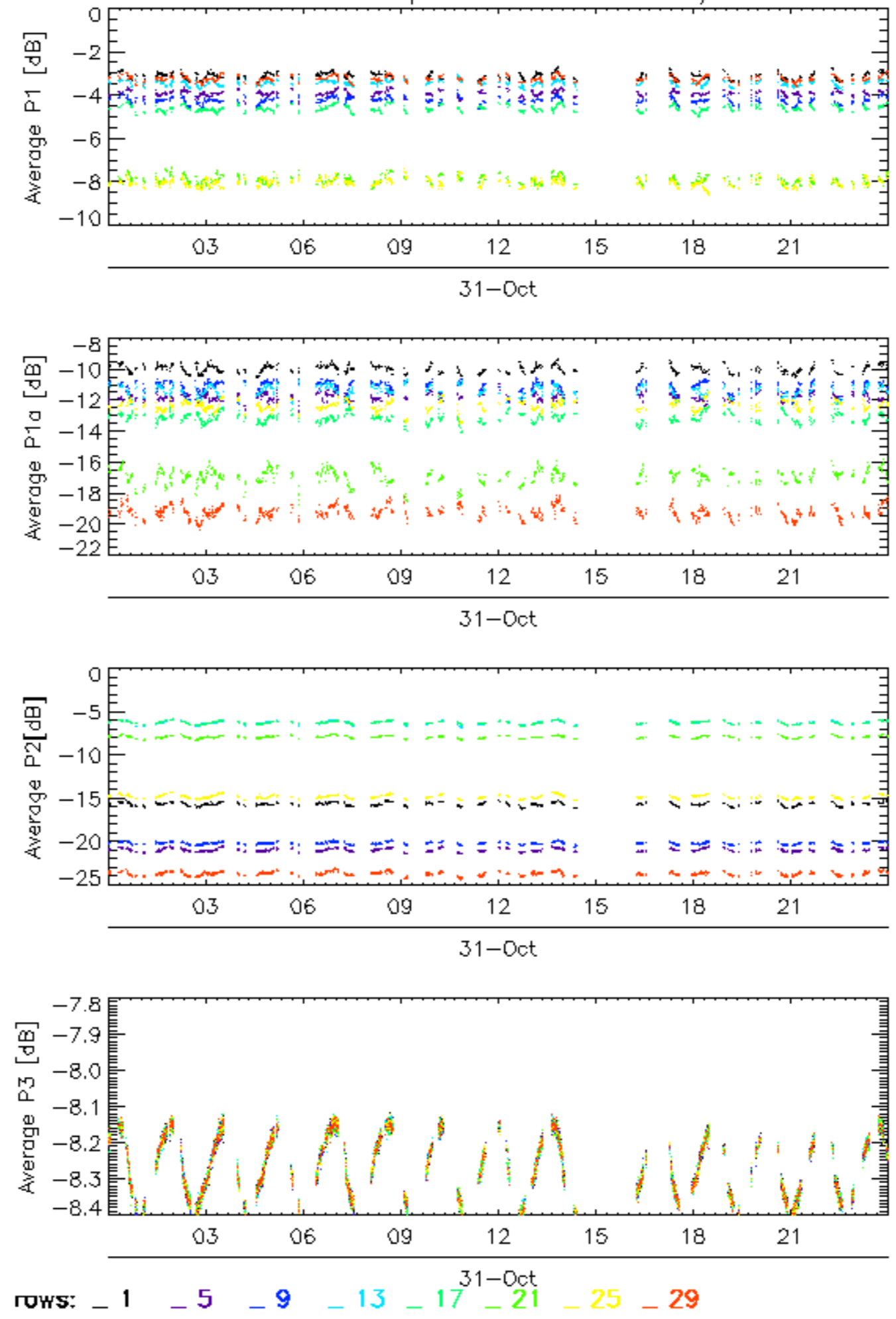
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101031_004442_000003303096_00045_45318_2811.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_010037_000002393096_00045_45318_2829.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_012342_000002143096_00046_45319_2830.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_030803_000000983096_00047_45320_2833.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_035432_000001533096_00047_45320_2855.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_040242_000005143096_00047_45320_2868.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_044846_000000923096_00048_45321_2870.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_053508_000001533096_00048_45321_2886.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_054143_000005143096_00048_45321_2888.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_062733_000001533096_00049_45322_2889.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_064554_000000923096_00049_45322_2887.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_095802_000003493096_00051_45324_2907.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_103518_000005753096_00051_45324_2908.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_114449_000003123096_00052_45325_2909.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_140236_000002143096_00053_45326_2916.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_141003_000001533096_00053_45326_2917.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_153733_000002143096_00054_45327_2920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_163748_000001533096_00055_45328_2921.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_185815_000003923096_00056_45329_2923.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_195821_000002143096_00057_45330_2924.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_203821_000002083096_00057_45330_2927.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_221827_000001903096_00058_45331_2938.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_225744_000002143096_00059_45332_2953.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101031_230225_000002083096_00059_45332_2954.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_063710_000002083096_00049_45322_6358.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_081703_000000923096_00050_45323_6377.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_082450_000001163096_00050_45323_6379.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_113619_000002943096_00052_45325_6425.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_122040_000002143096_00052_45325_6452.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_163344_000000923096_00055_45328_6513.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_180828_000000923096_00056_45329_6534.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_194544_000000923096_00057_45330_6558.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101031_194844_000001533096_00057_45330_6556.N1					OK	OK	OK	OK

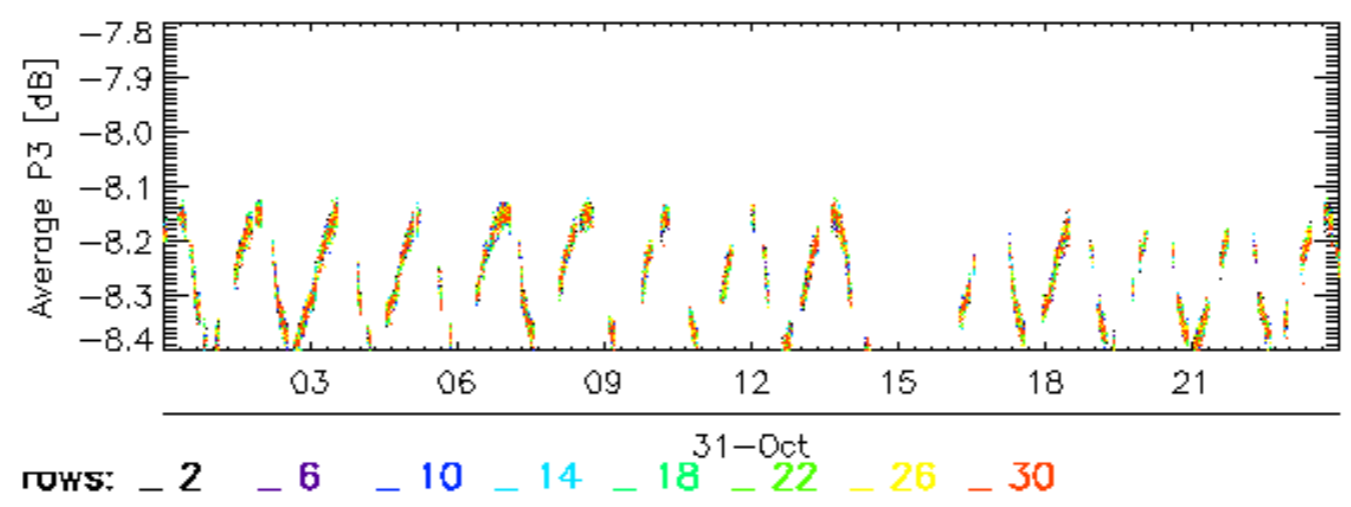
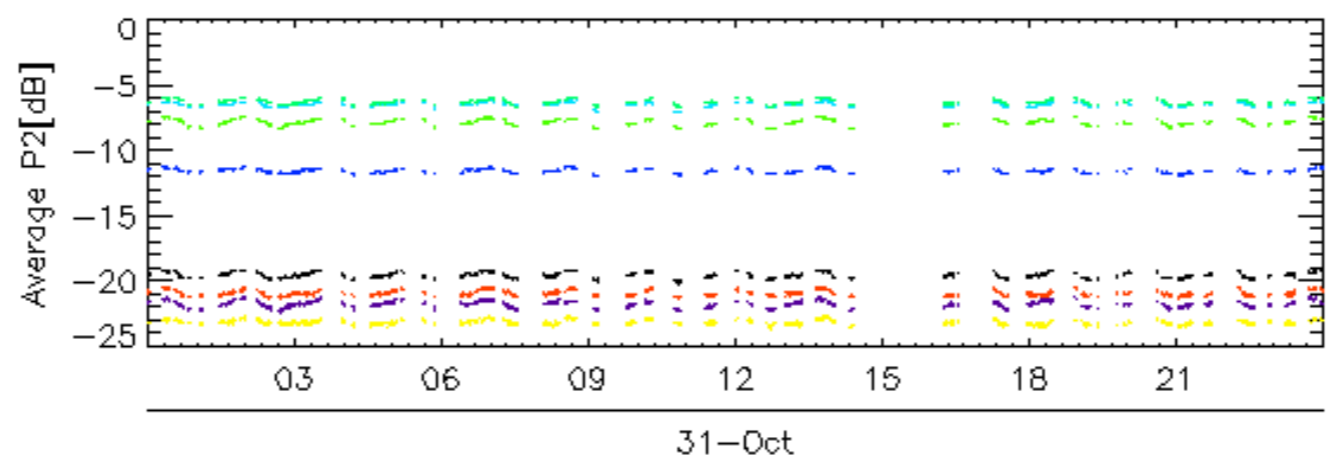
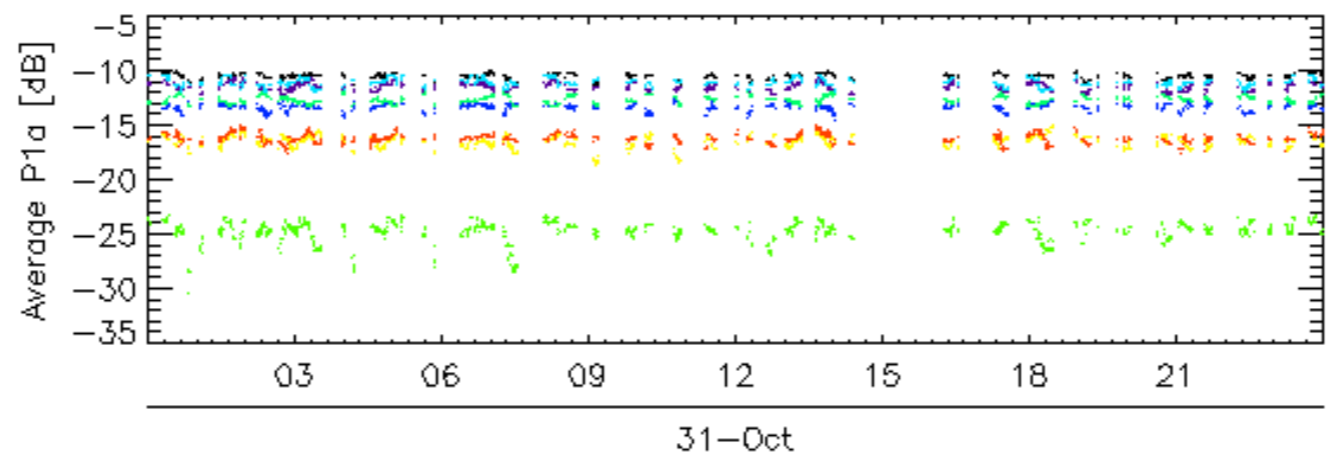
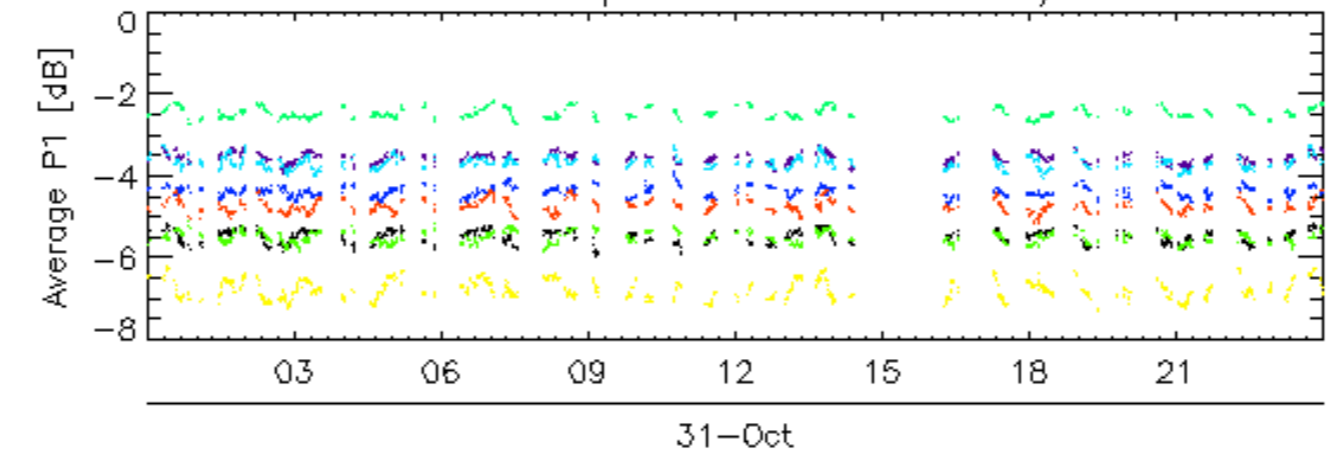
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20101031_000340_000008693096_00045_45318_2814.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_002047_000000593096_00045_45318_2817.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_002734_000003153096_00045_45318_2819.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_005231_000002393096_00045_45318_2821.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_005531_000002703096_00045_45318_2834.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_010736_000008993096_00045_45318_2837.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101031_014808_000001943096_00046_45319_2838.N1					OK	OK	OK	OK
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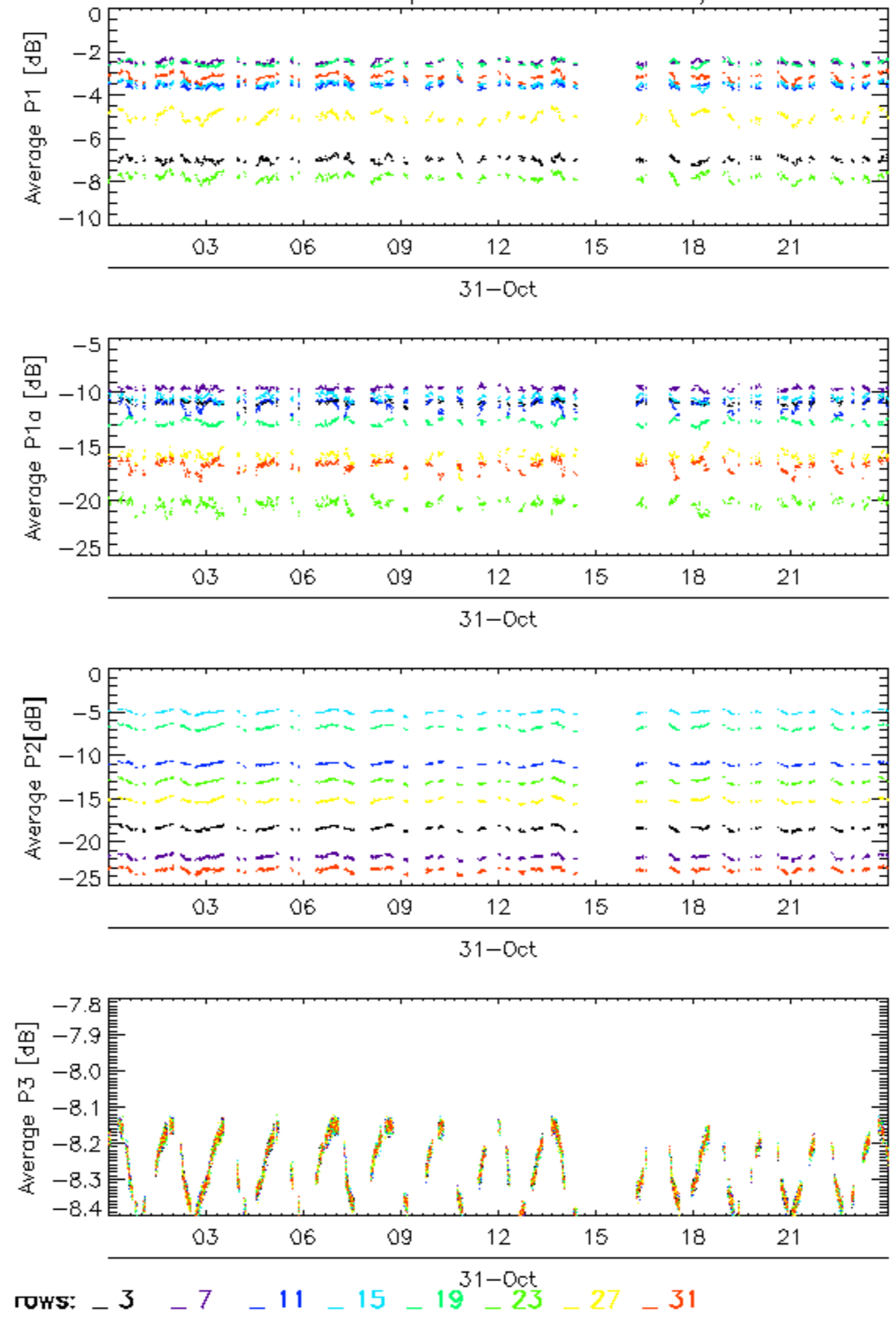
Calibration pulses for GM1 SS3 H/H



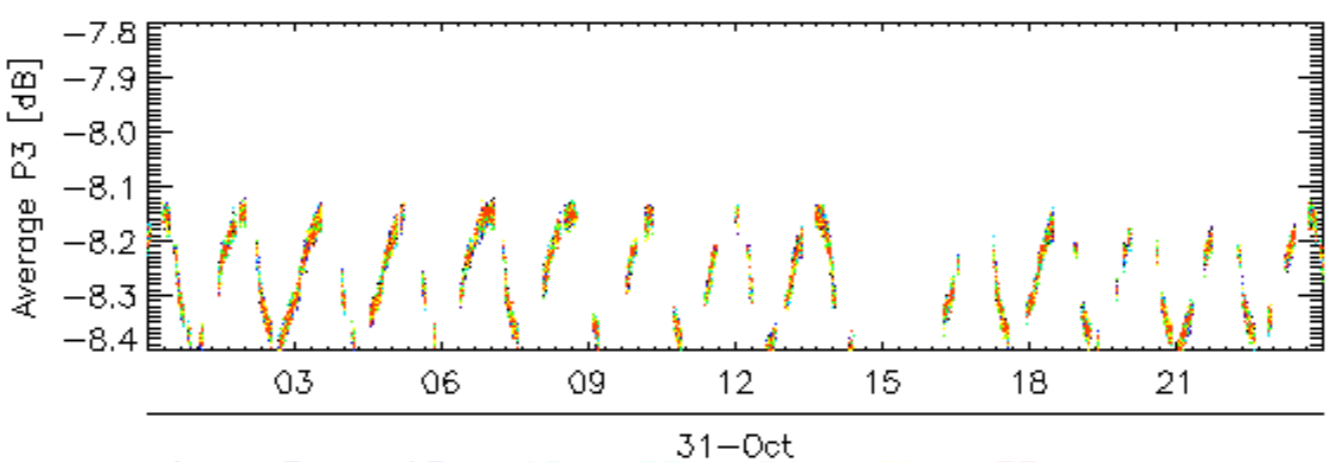
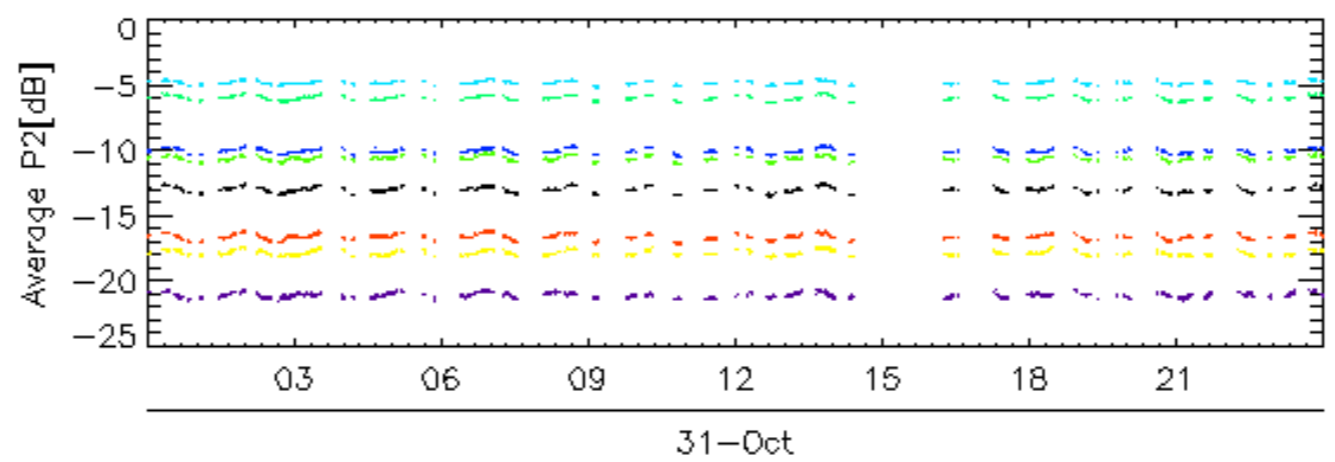
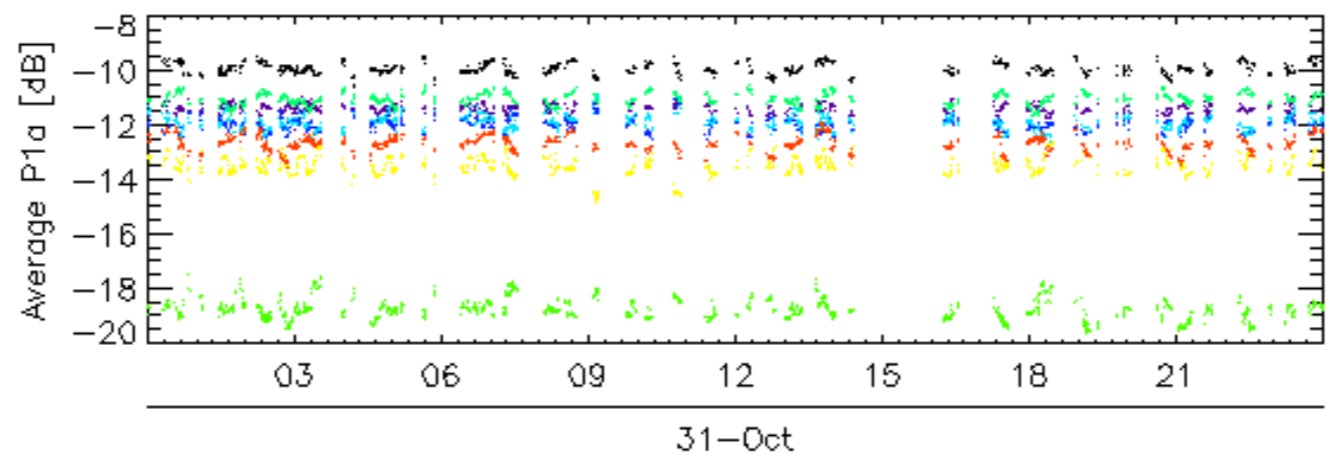
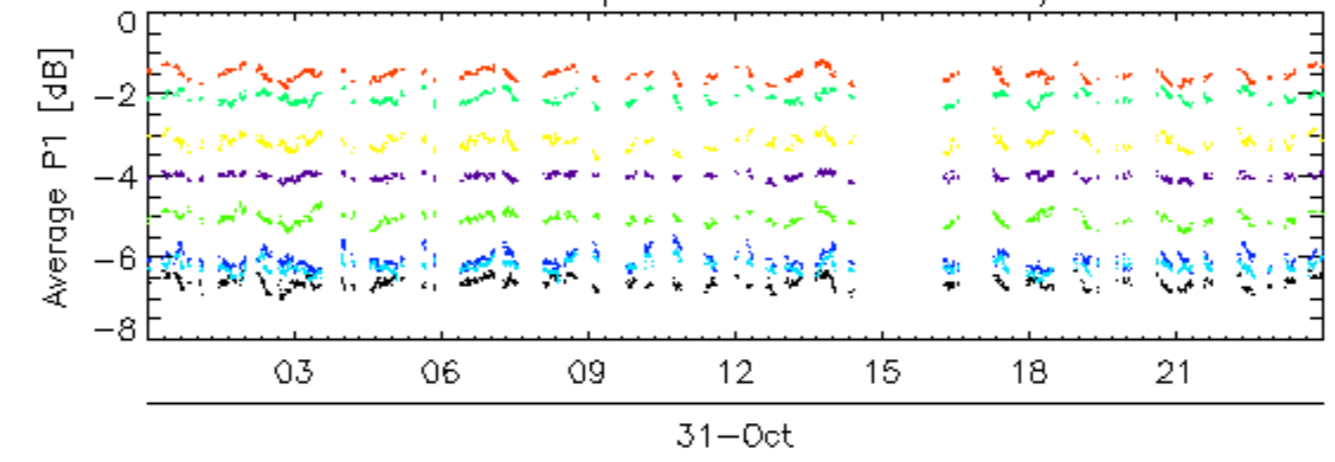
Calibration pulses for GM1 SS3 H/H



### Calibration pulses for GM1 SS3 H/H



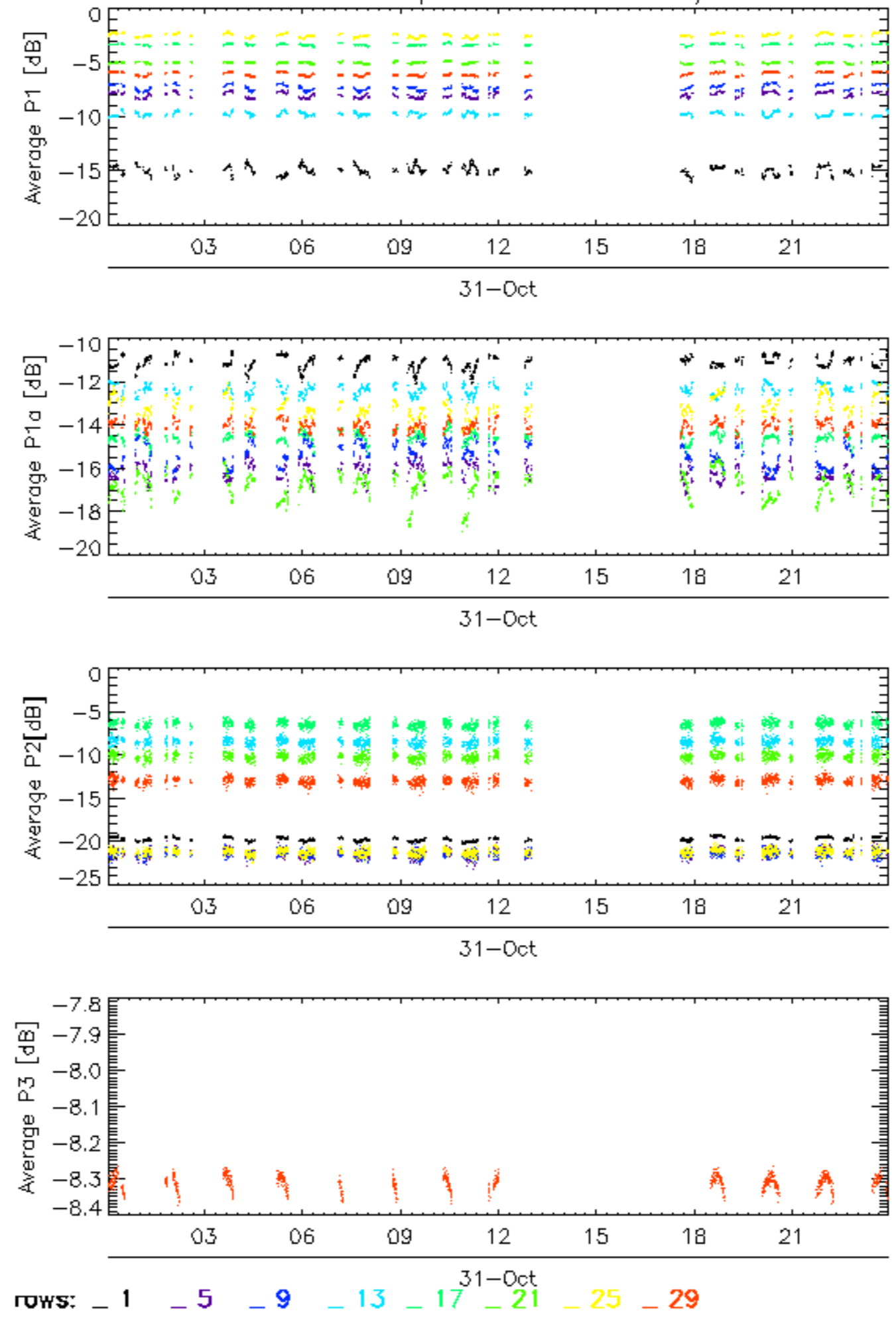
### Calibration pulses for GM1 SS3 H/H



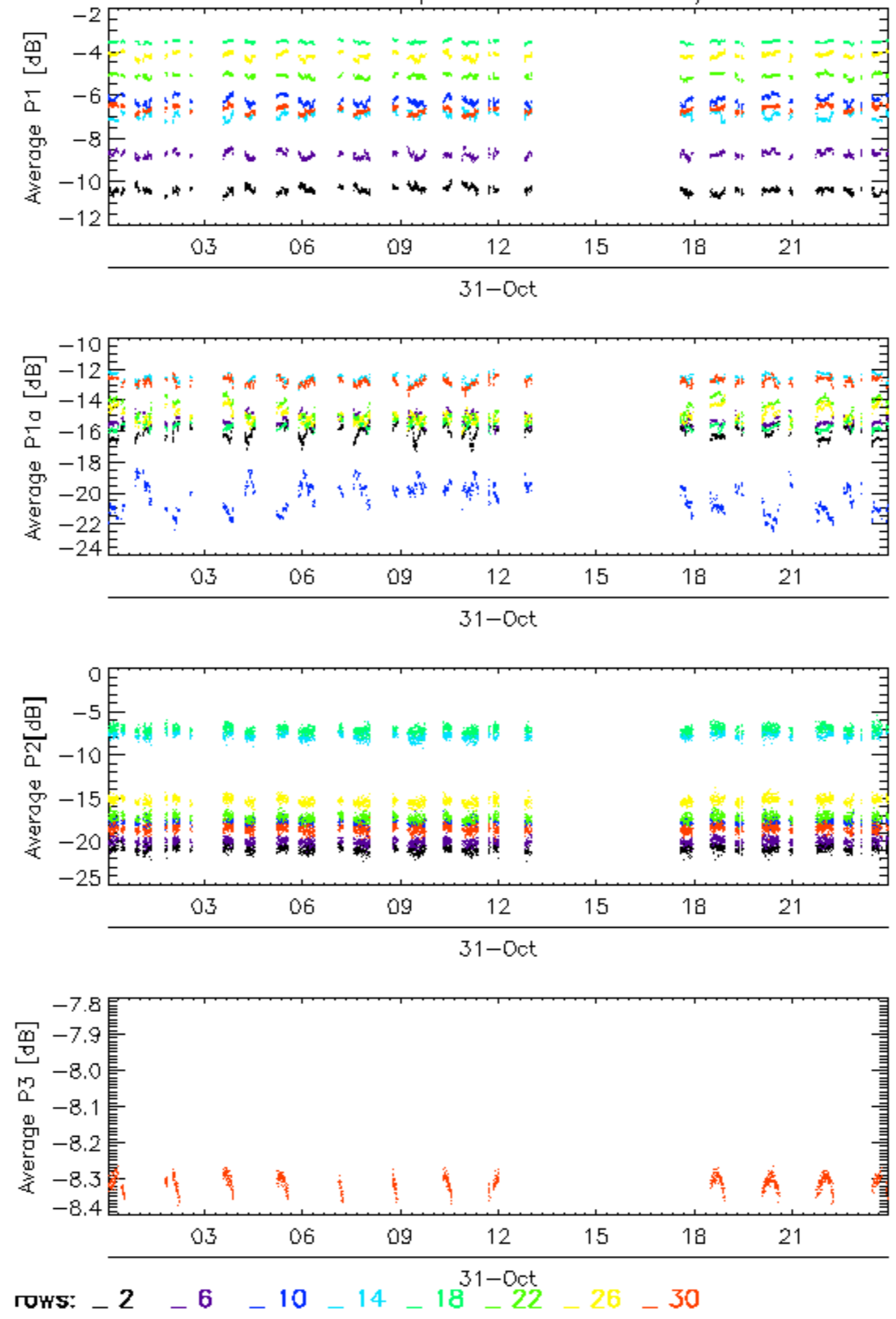
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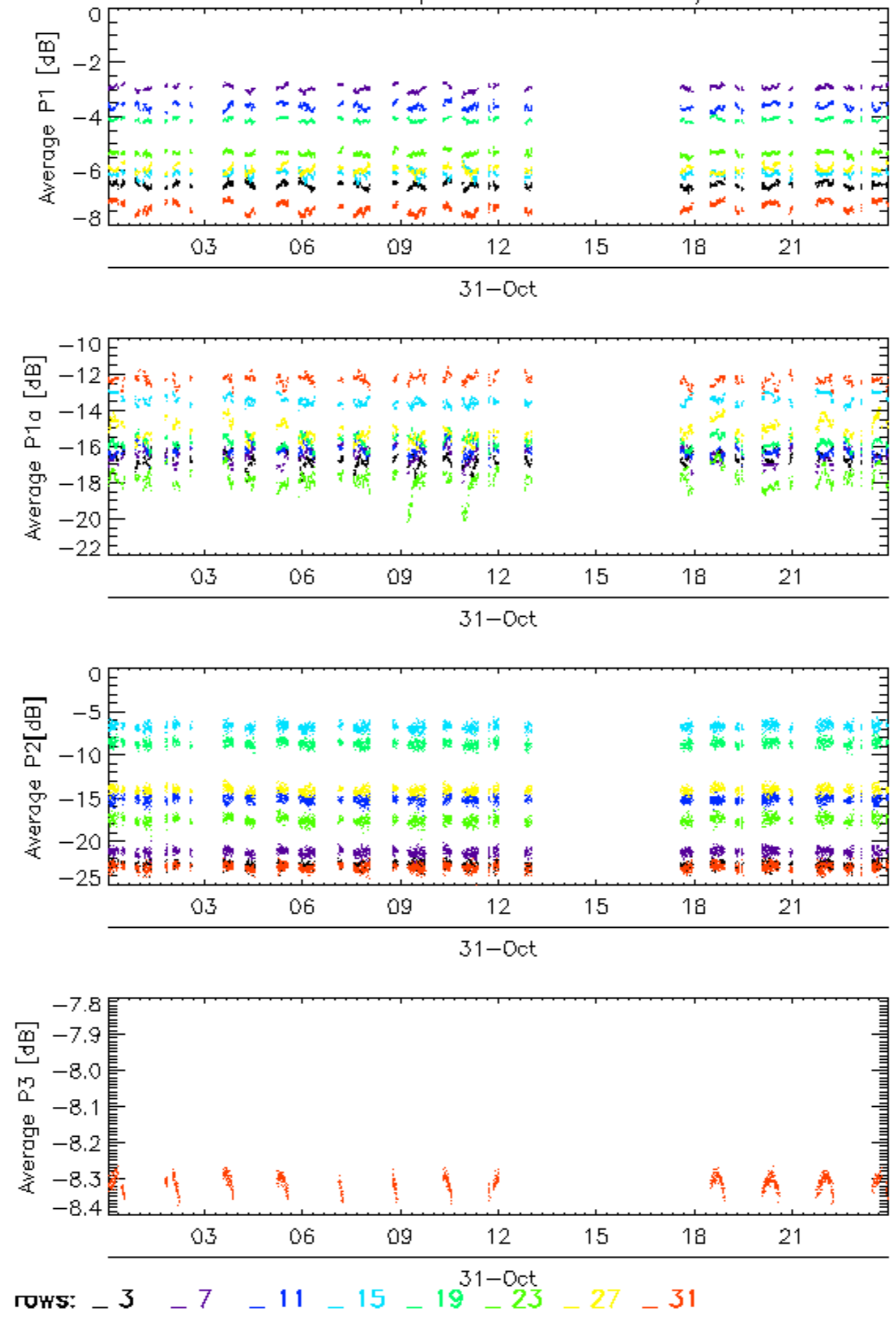
Calibration pulses for WVS IS2 V/V



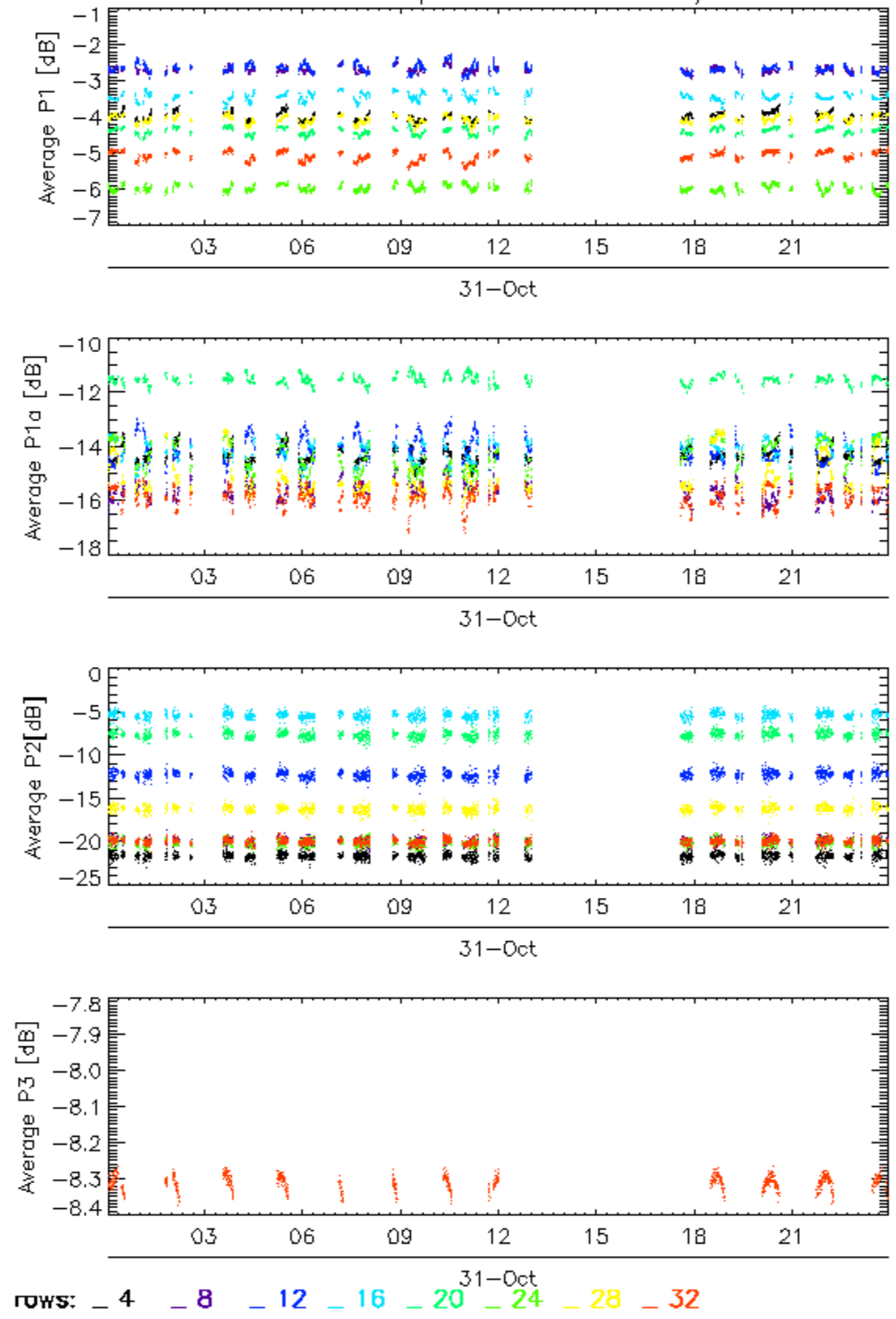
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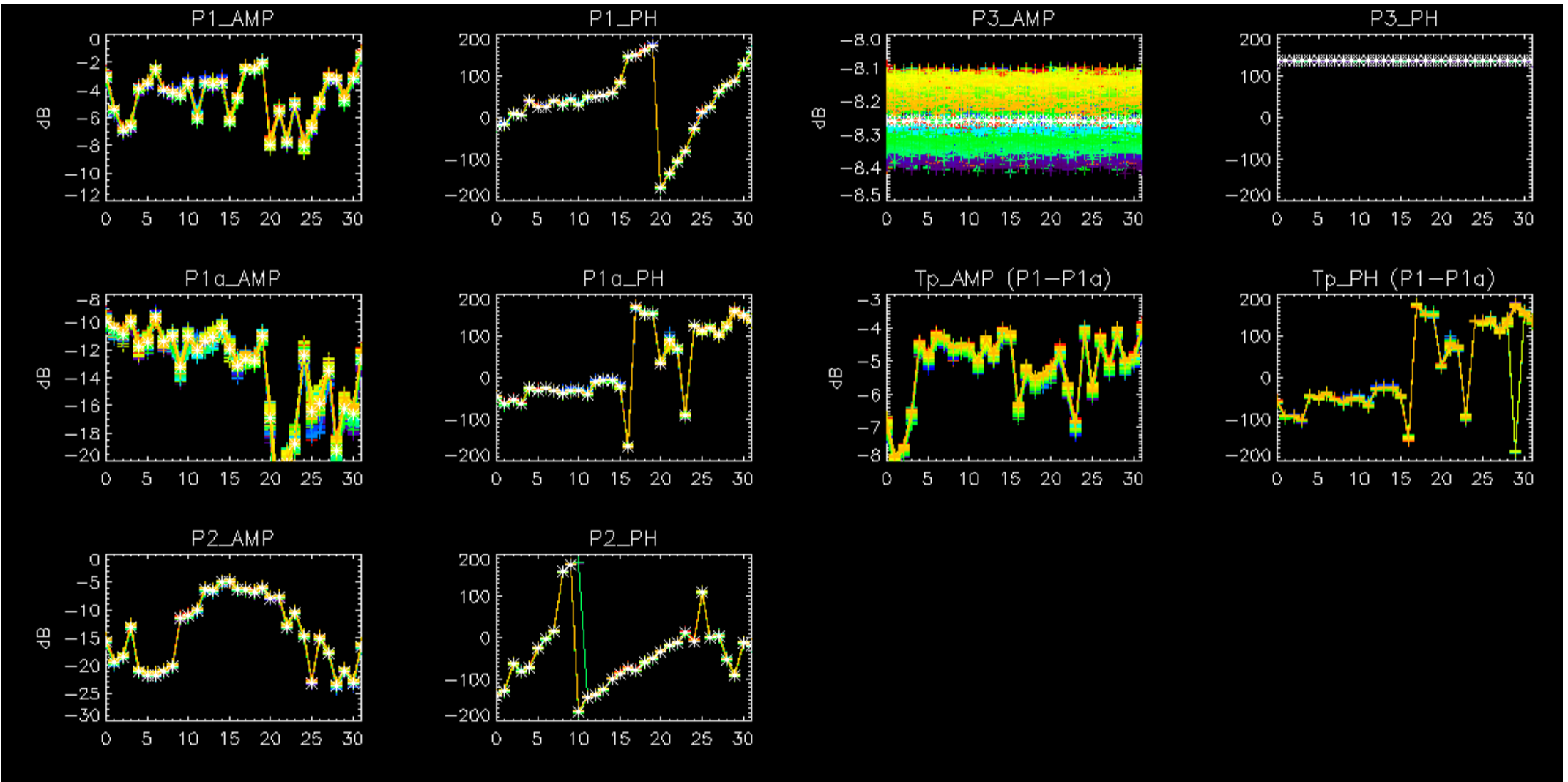


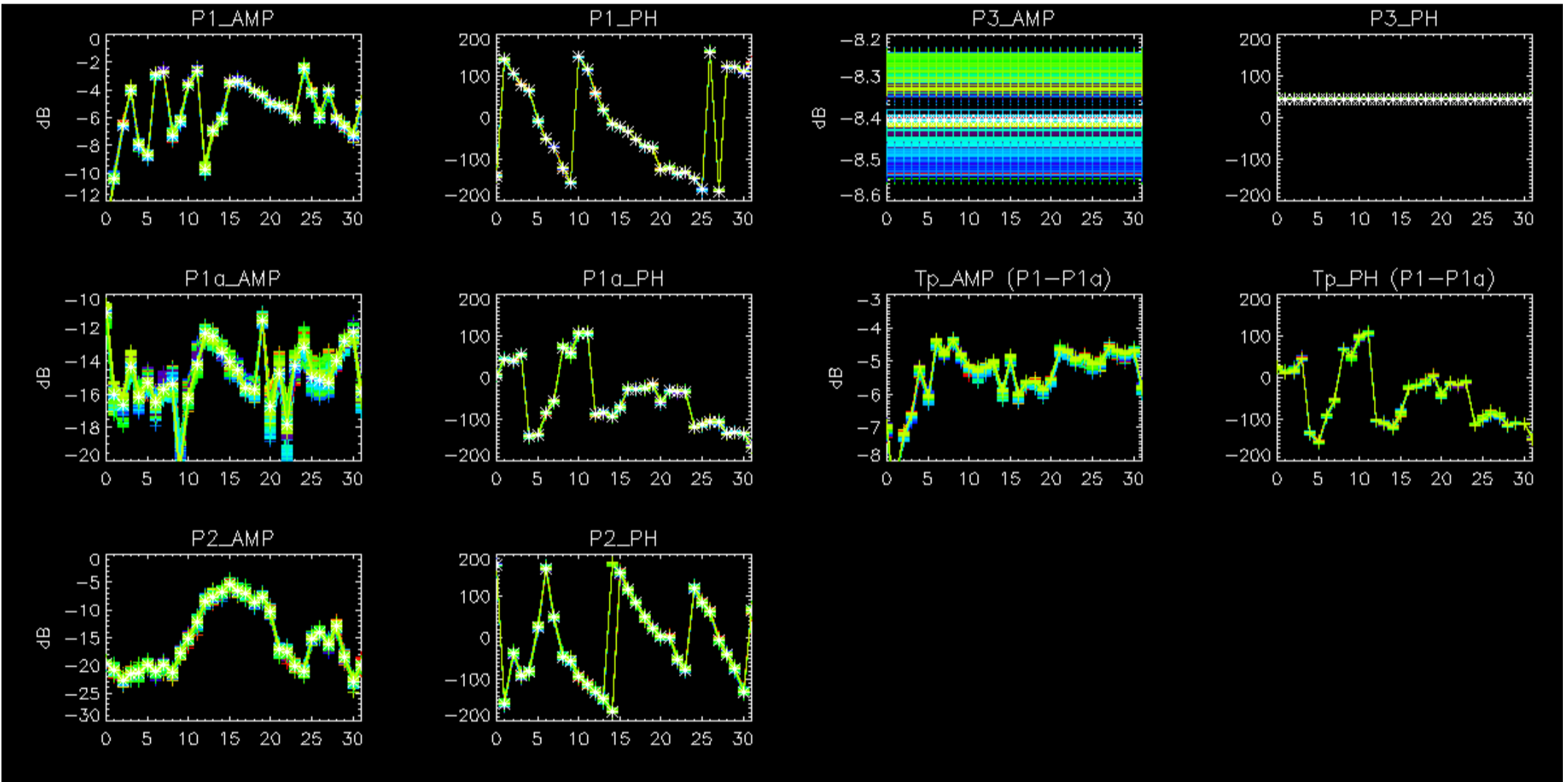
### Calibration pulses for WVS IS2 V/V

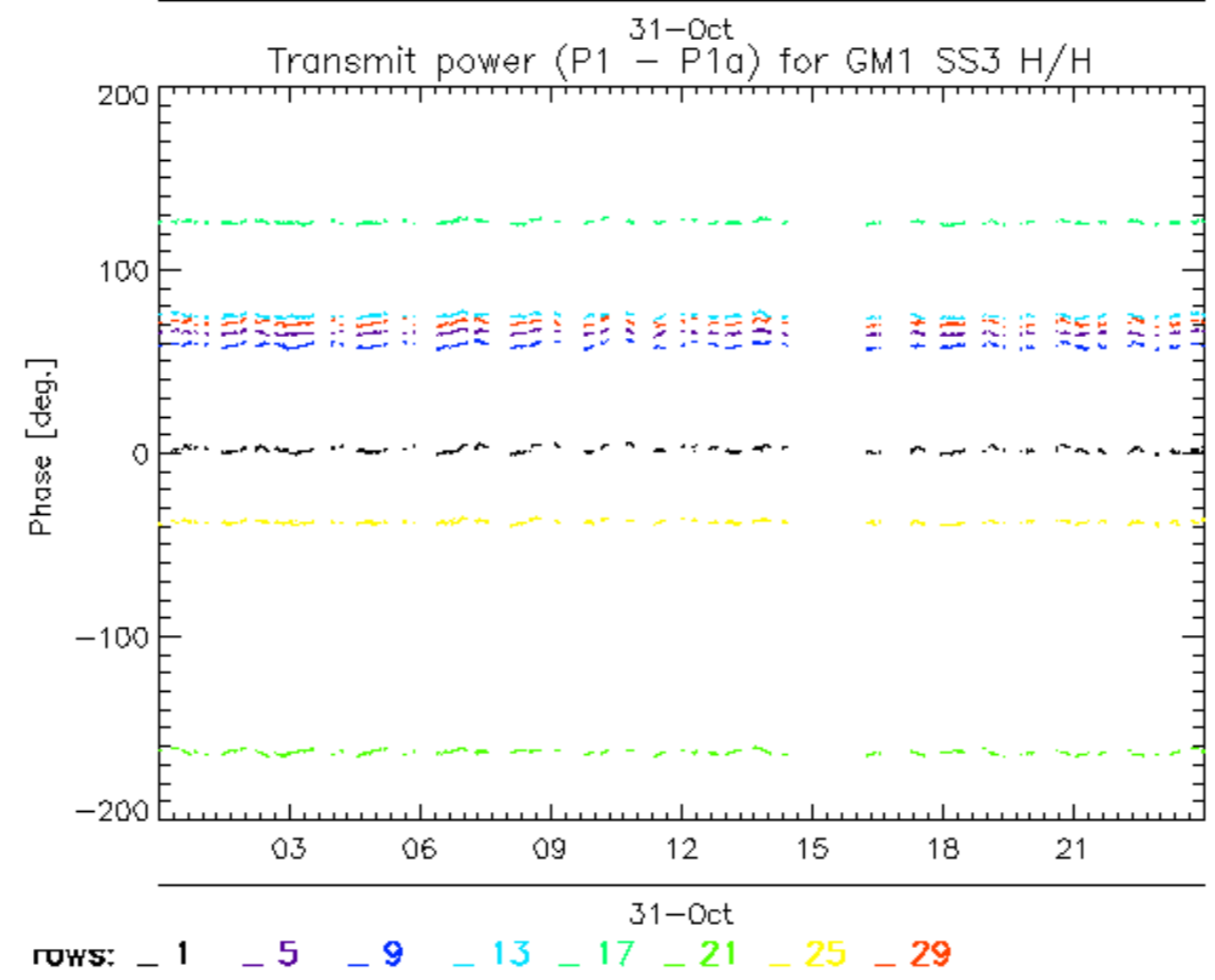
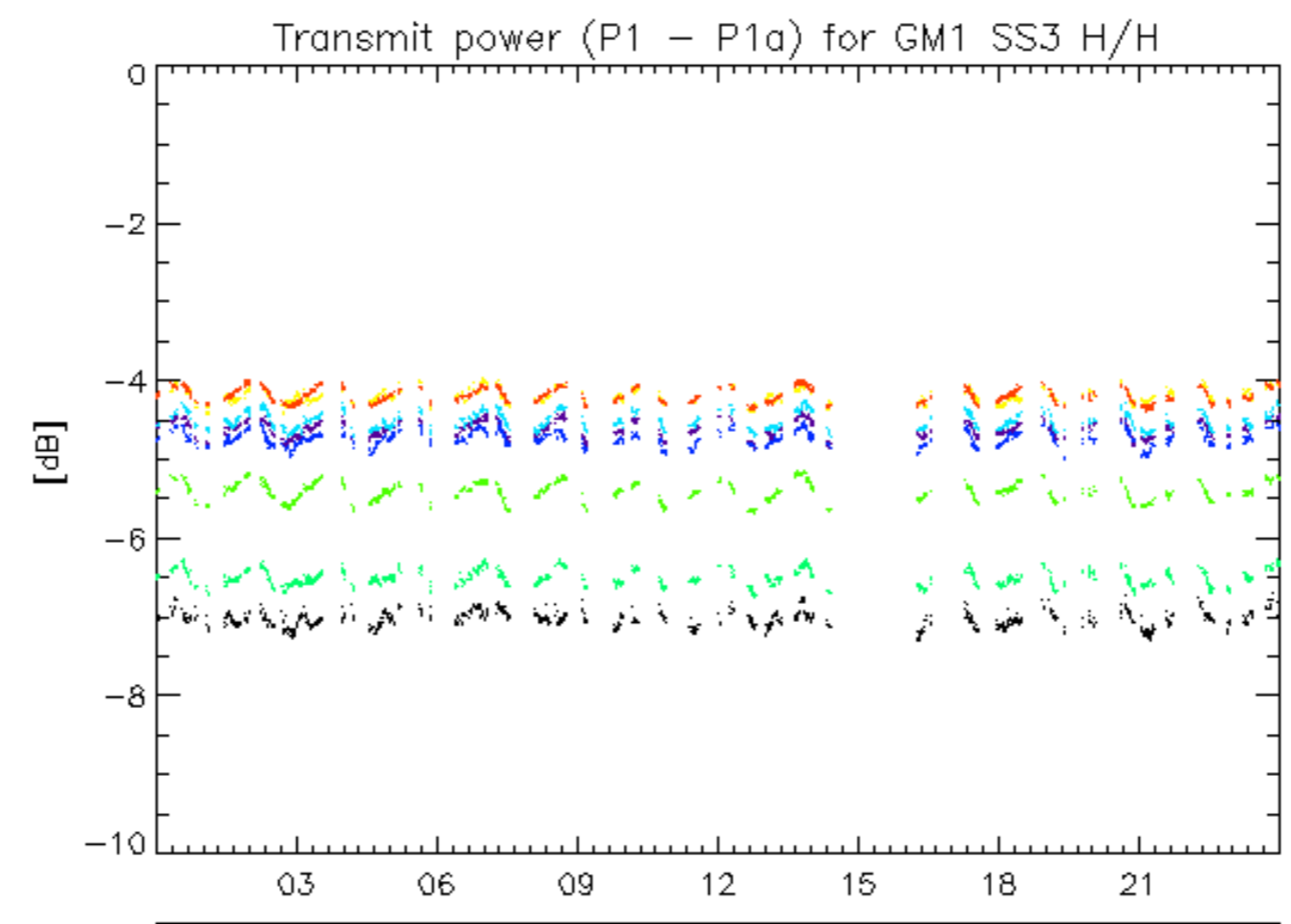


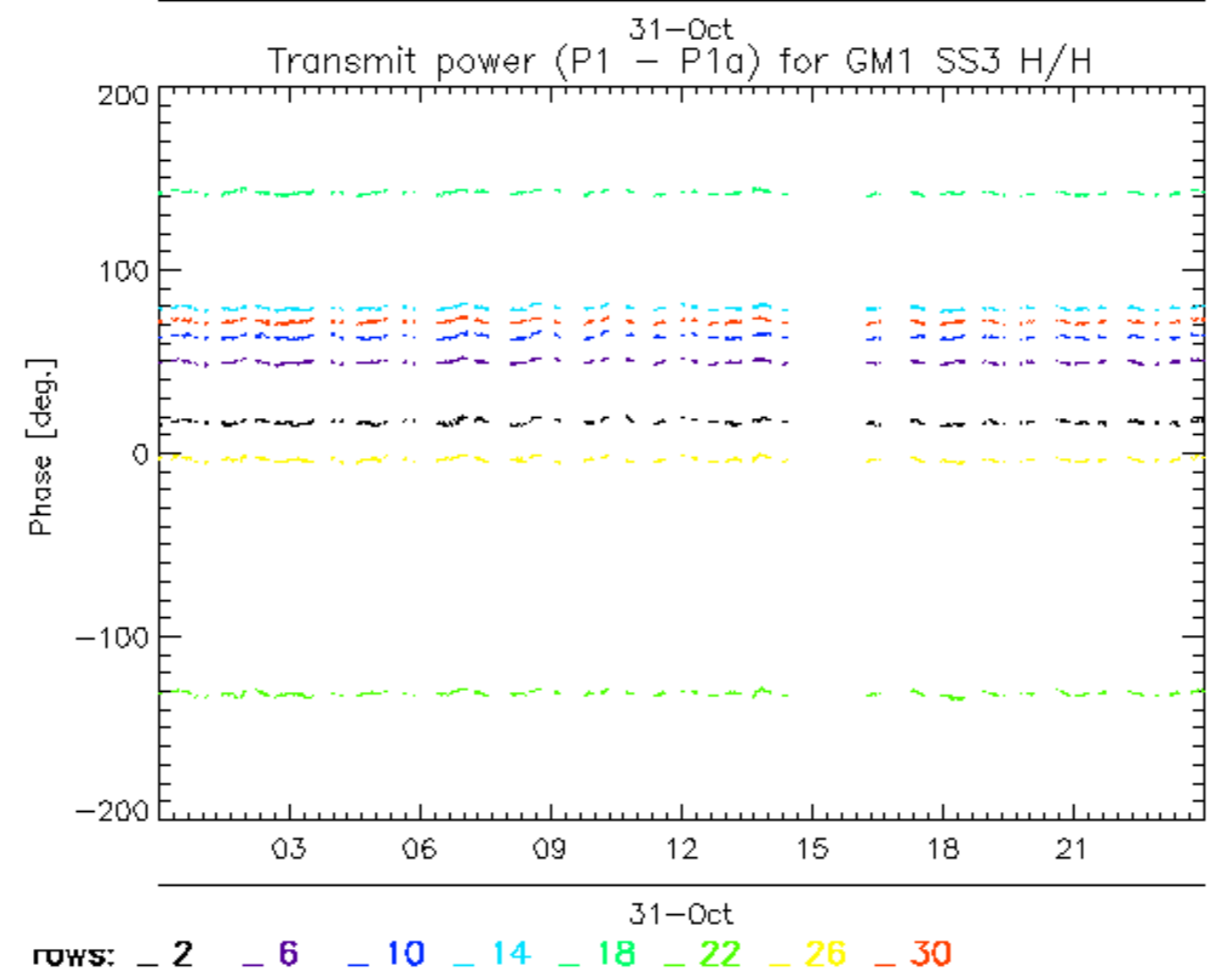
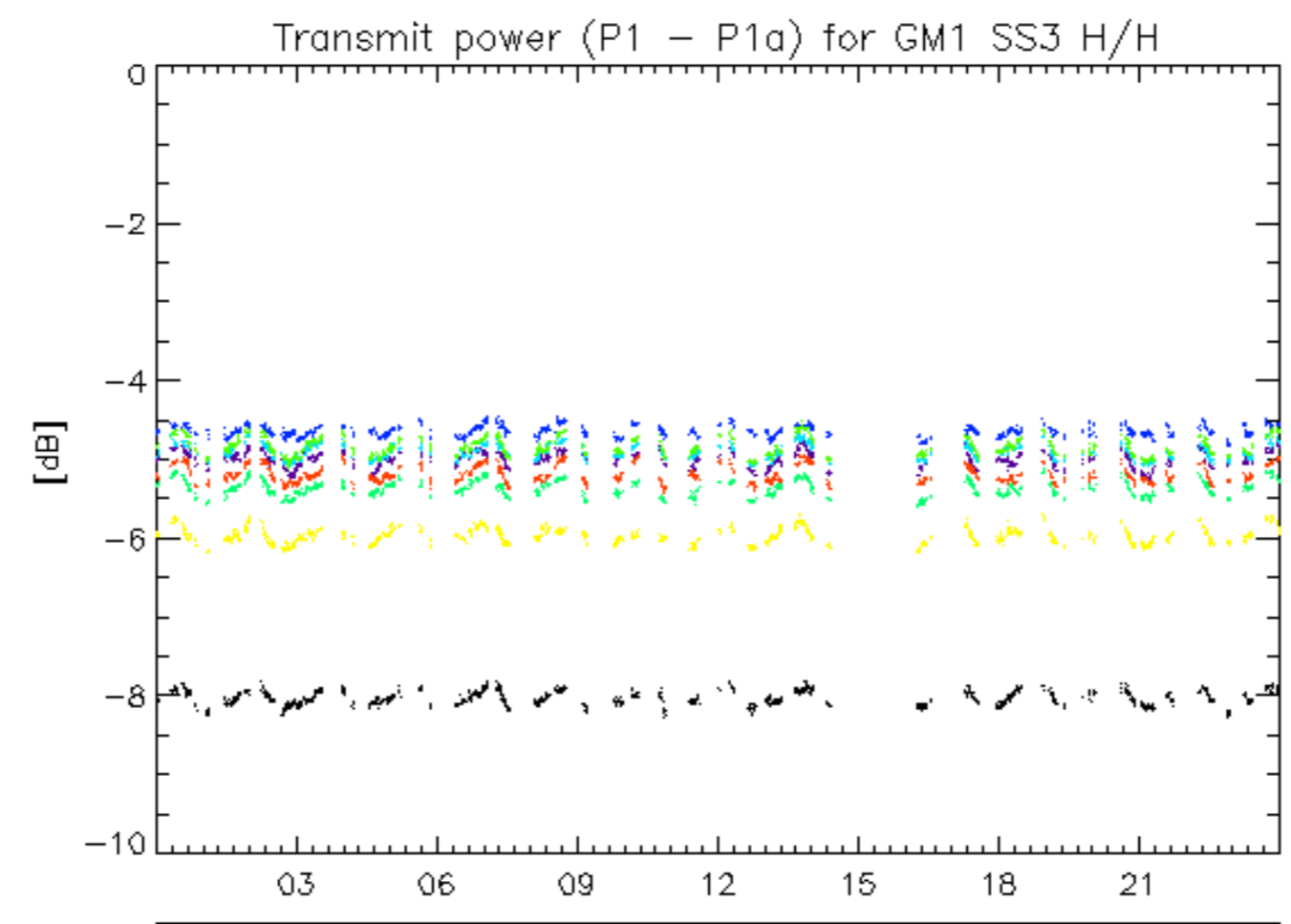
### Calibration pulses for WVS IS2 V/V



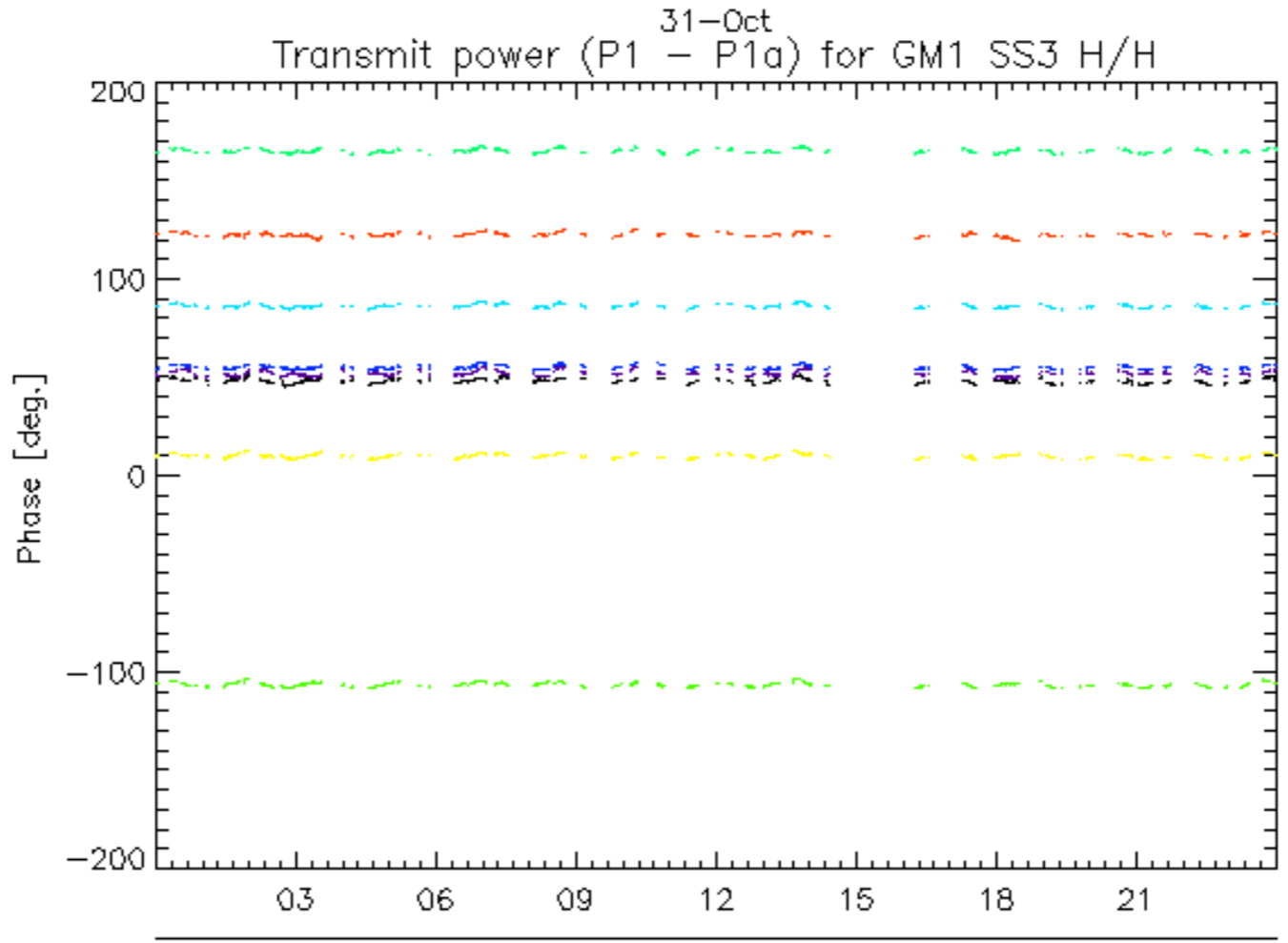
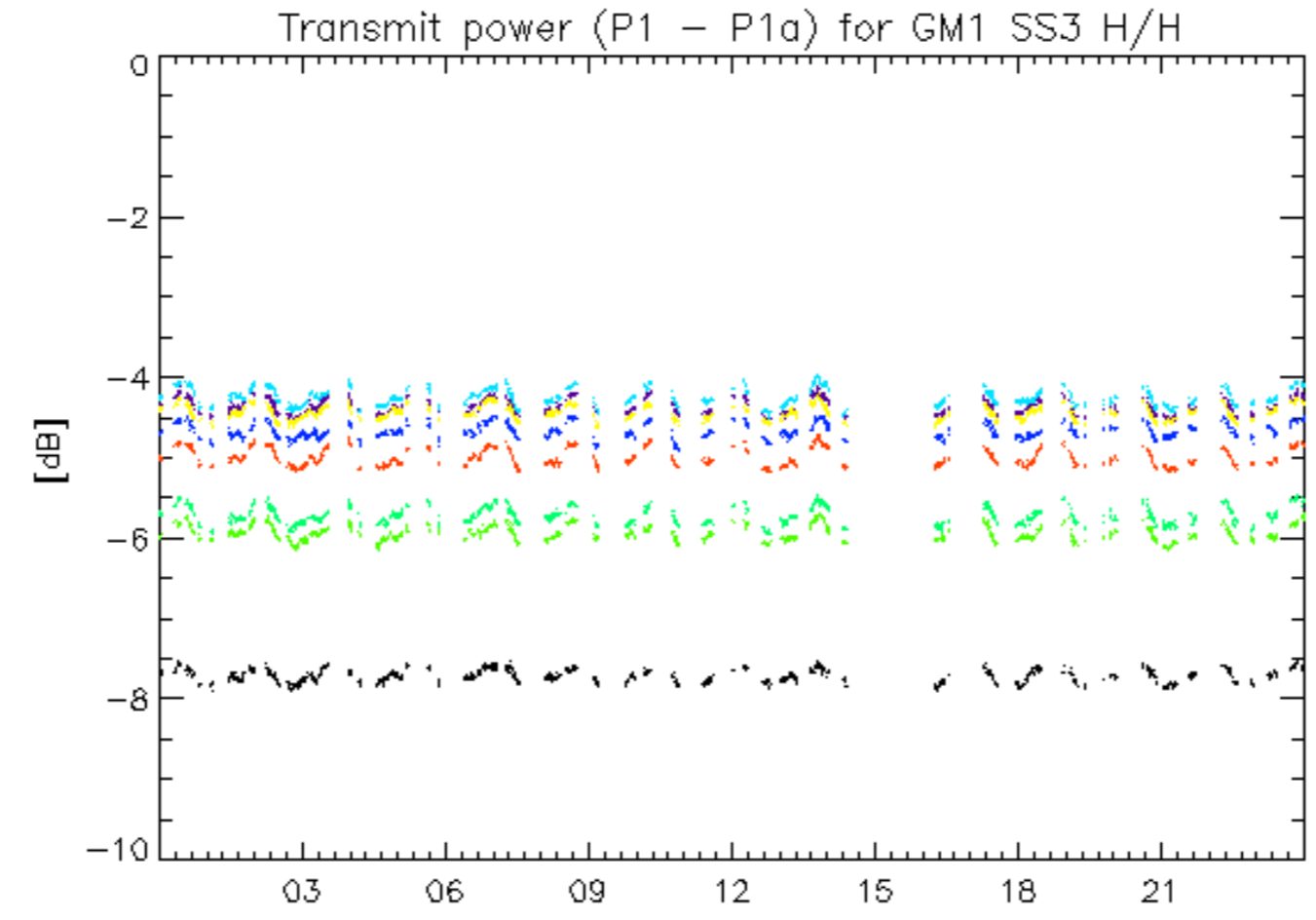




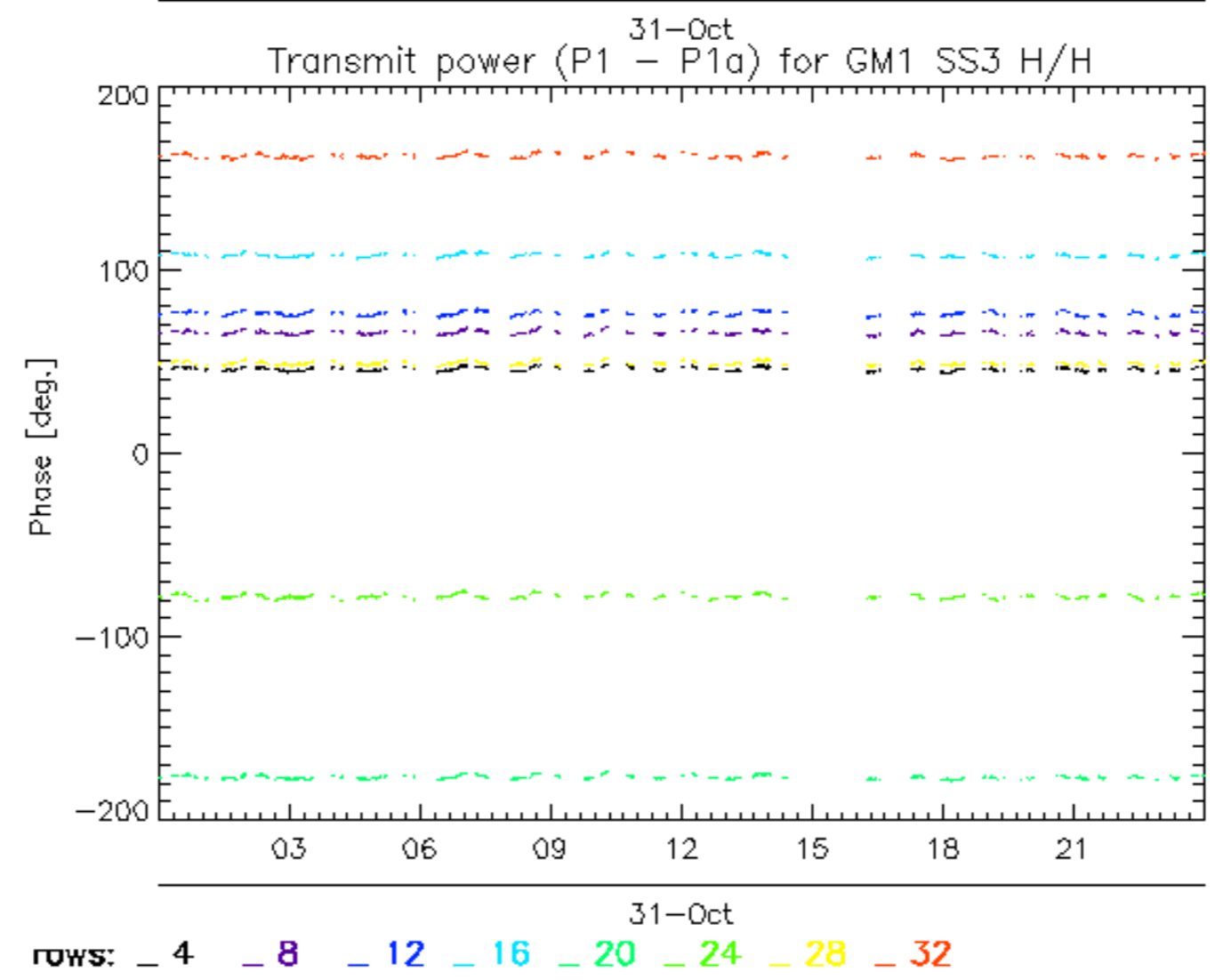
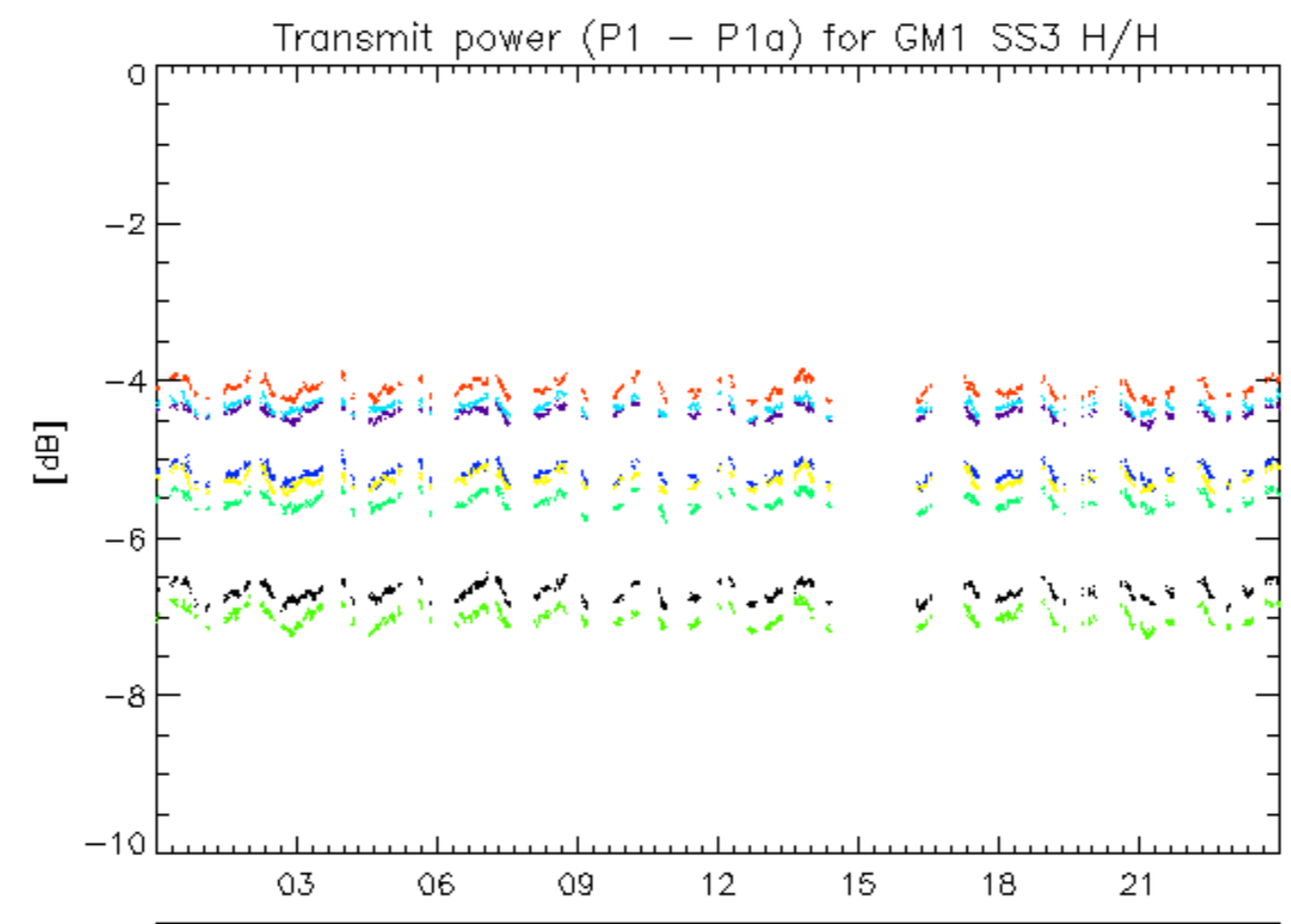


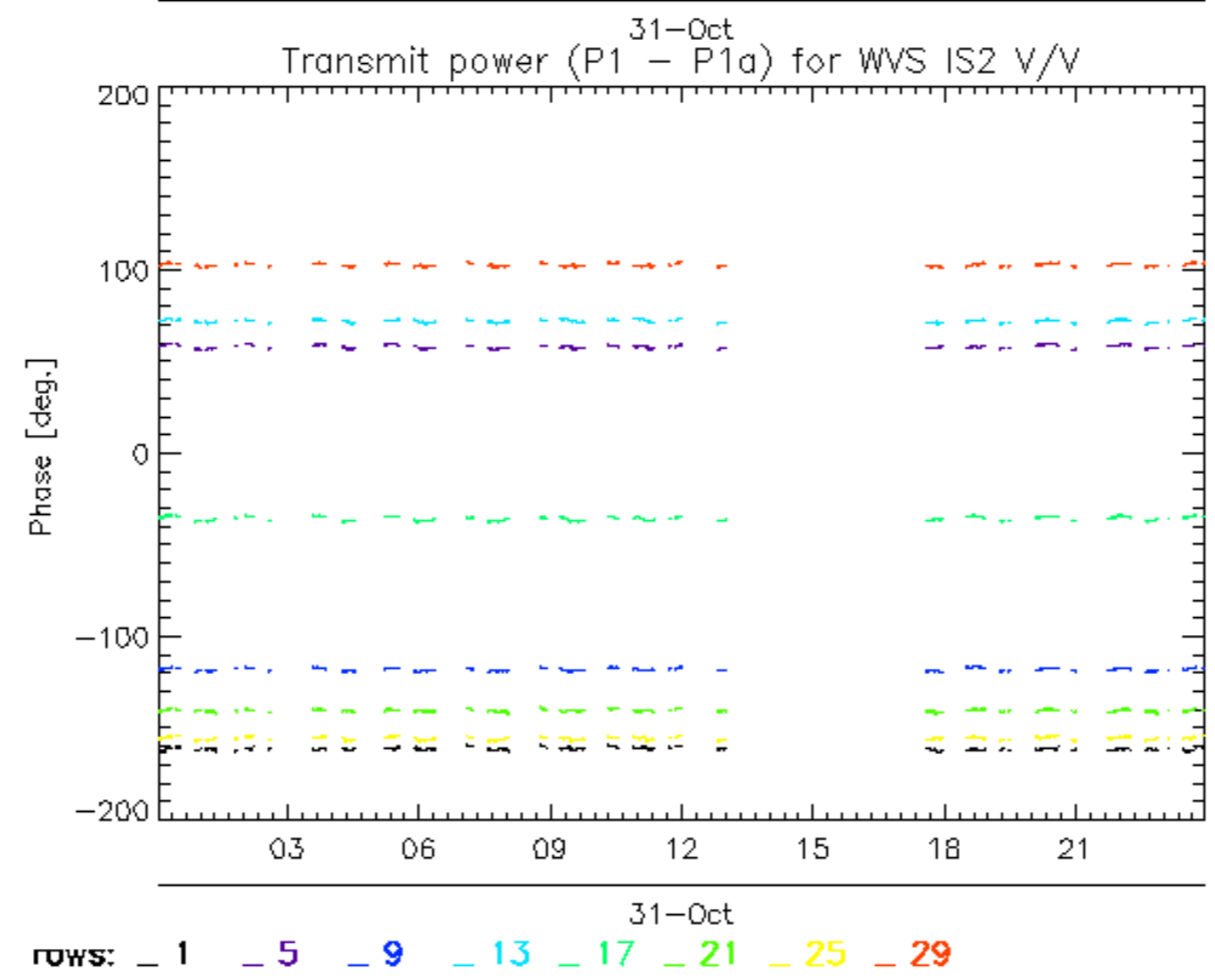
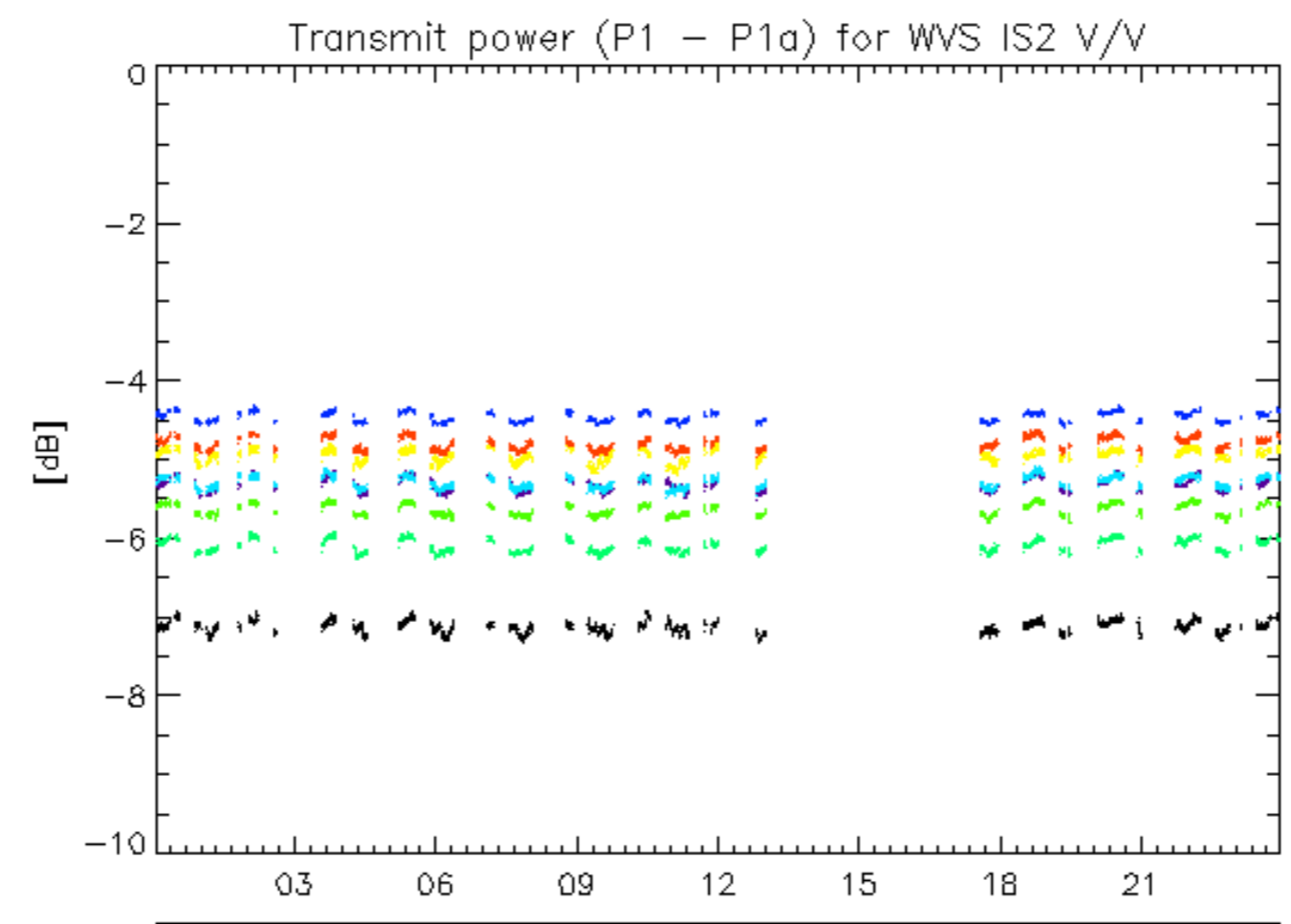


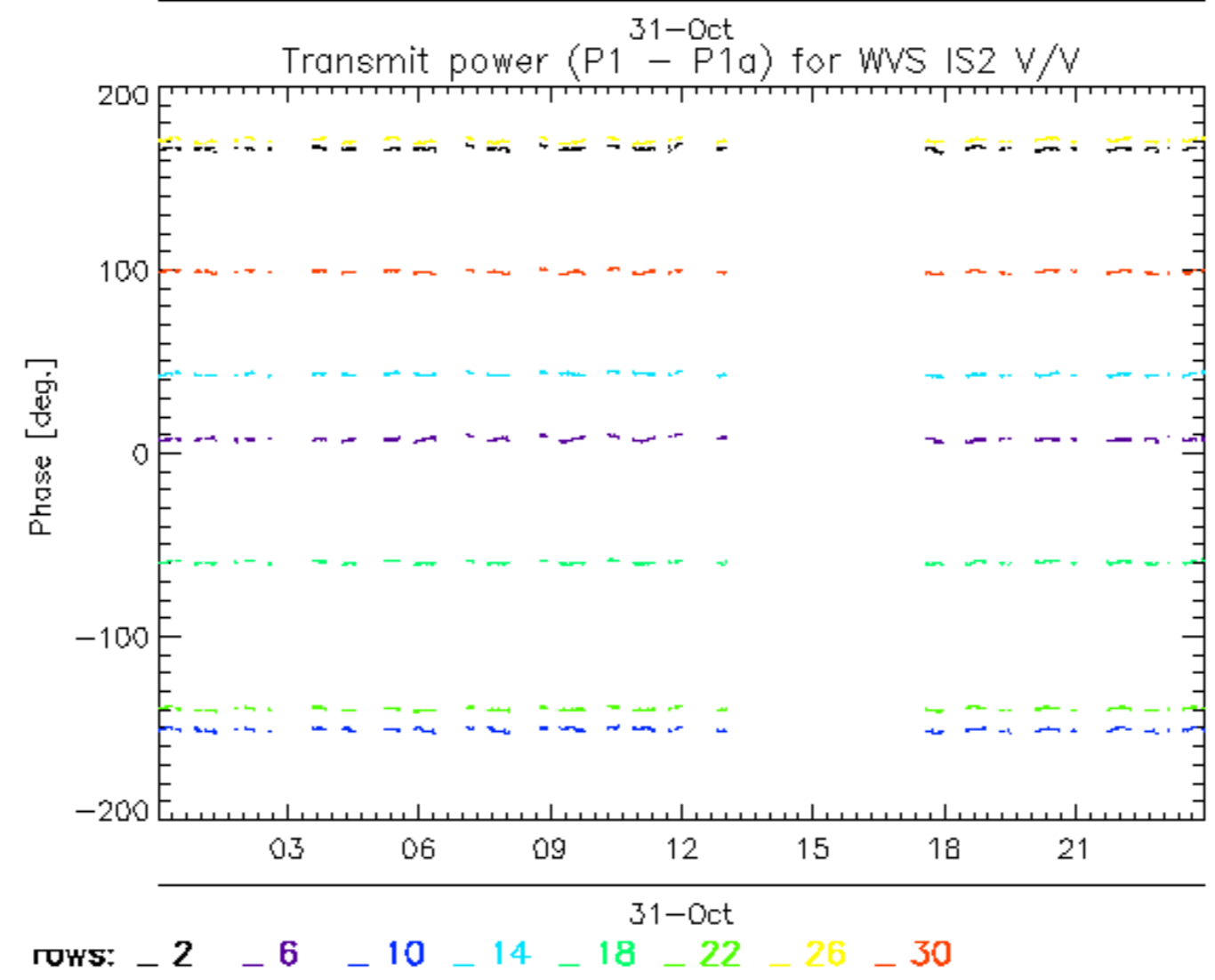
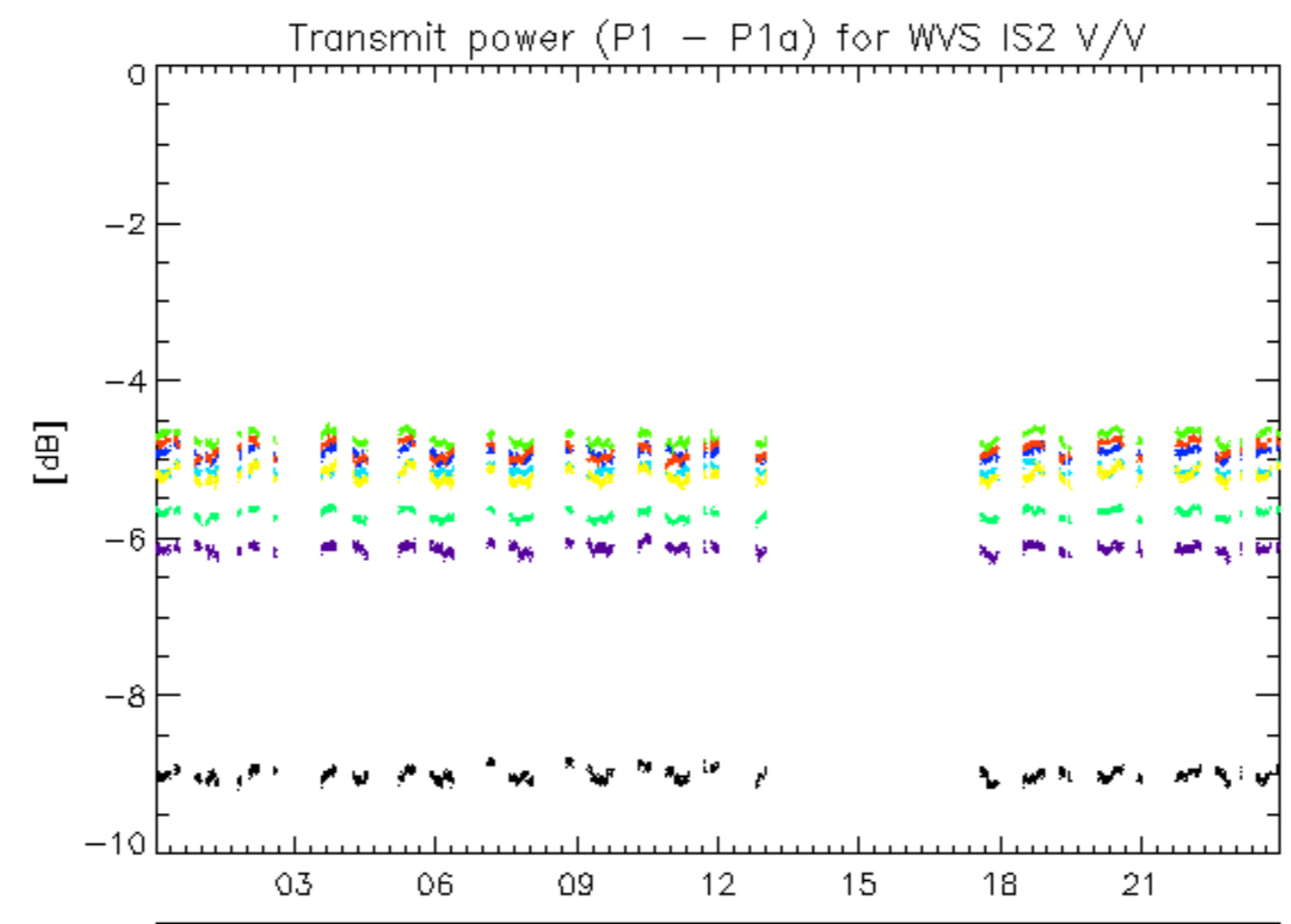


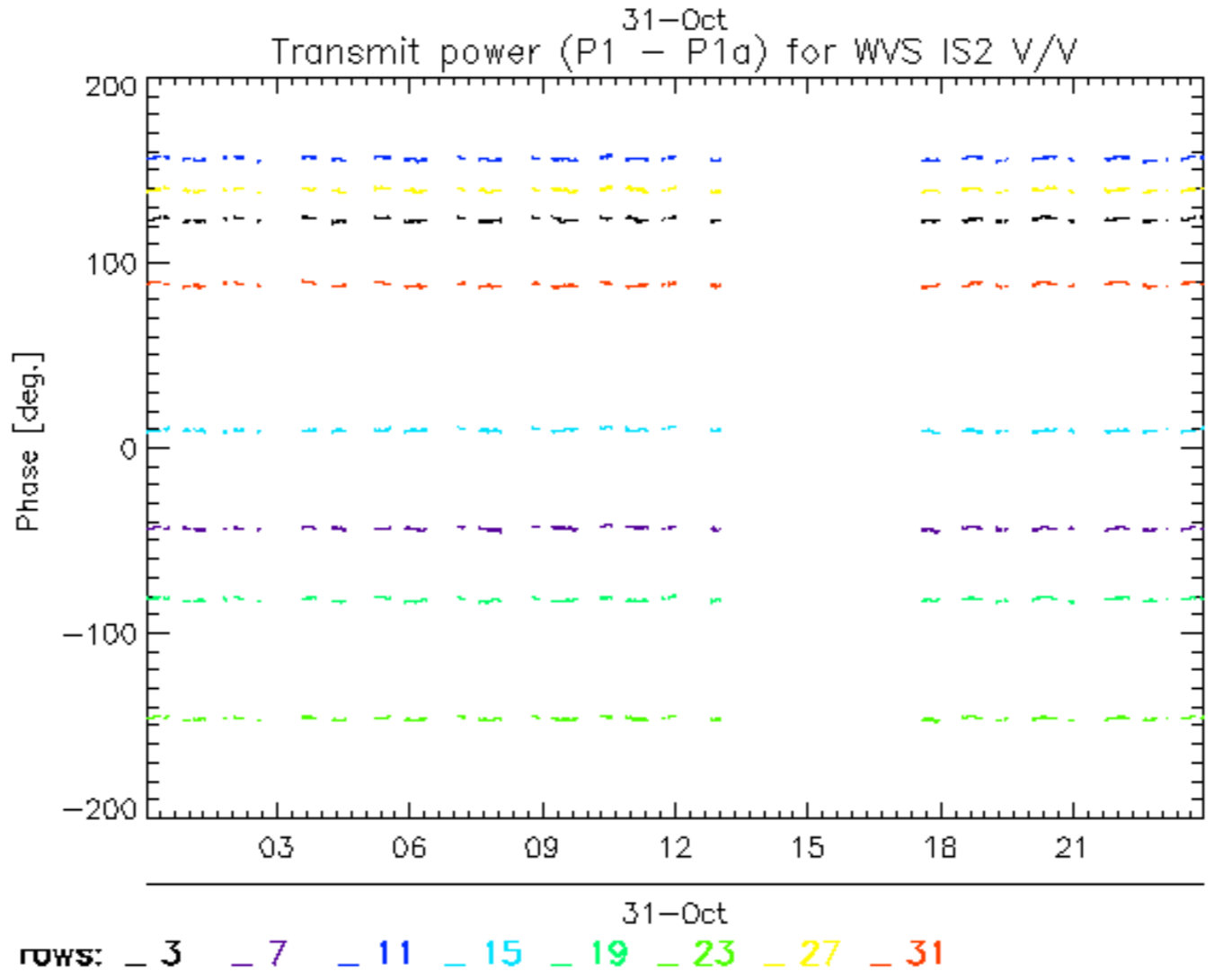
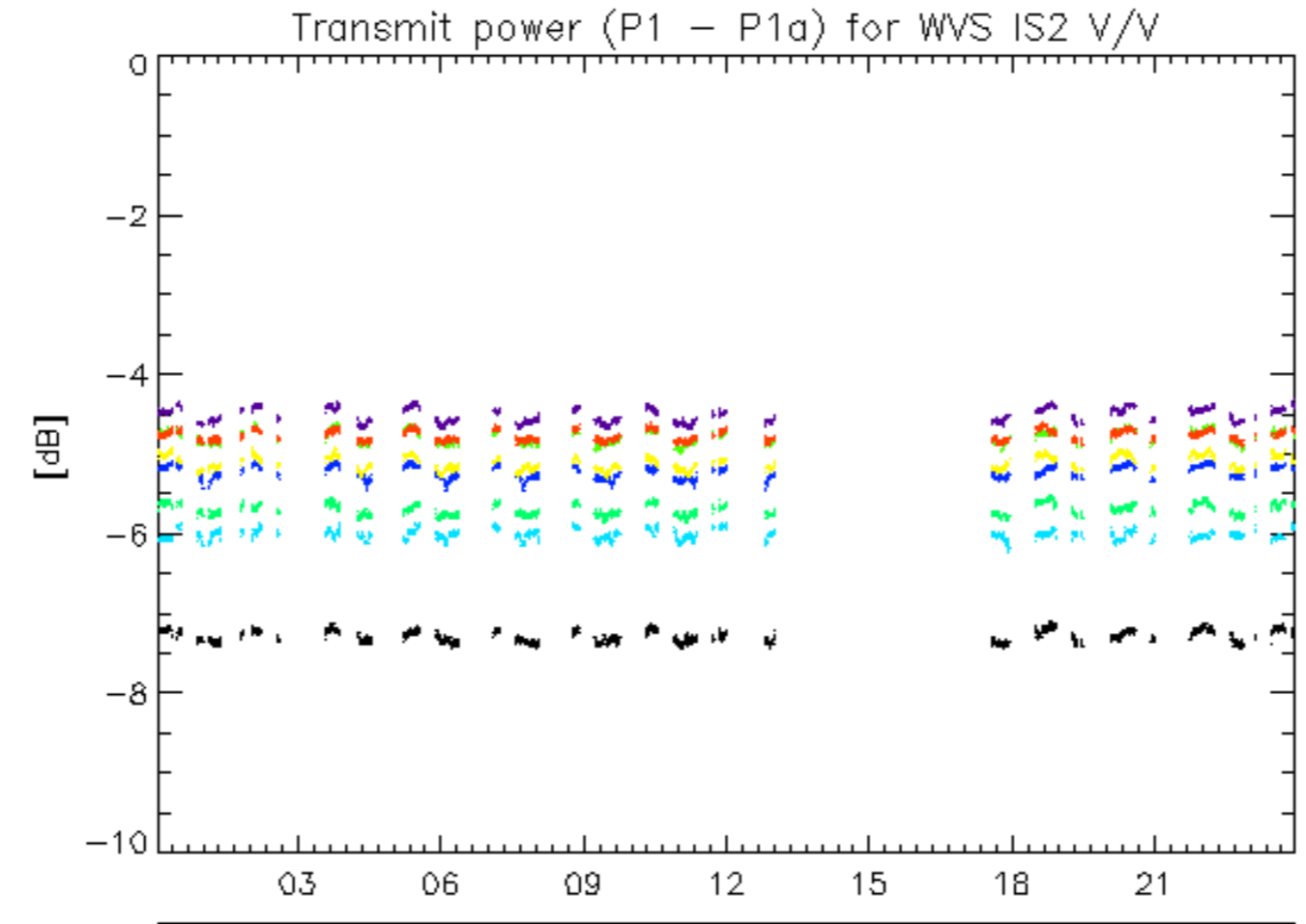


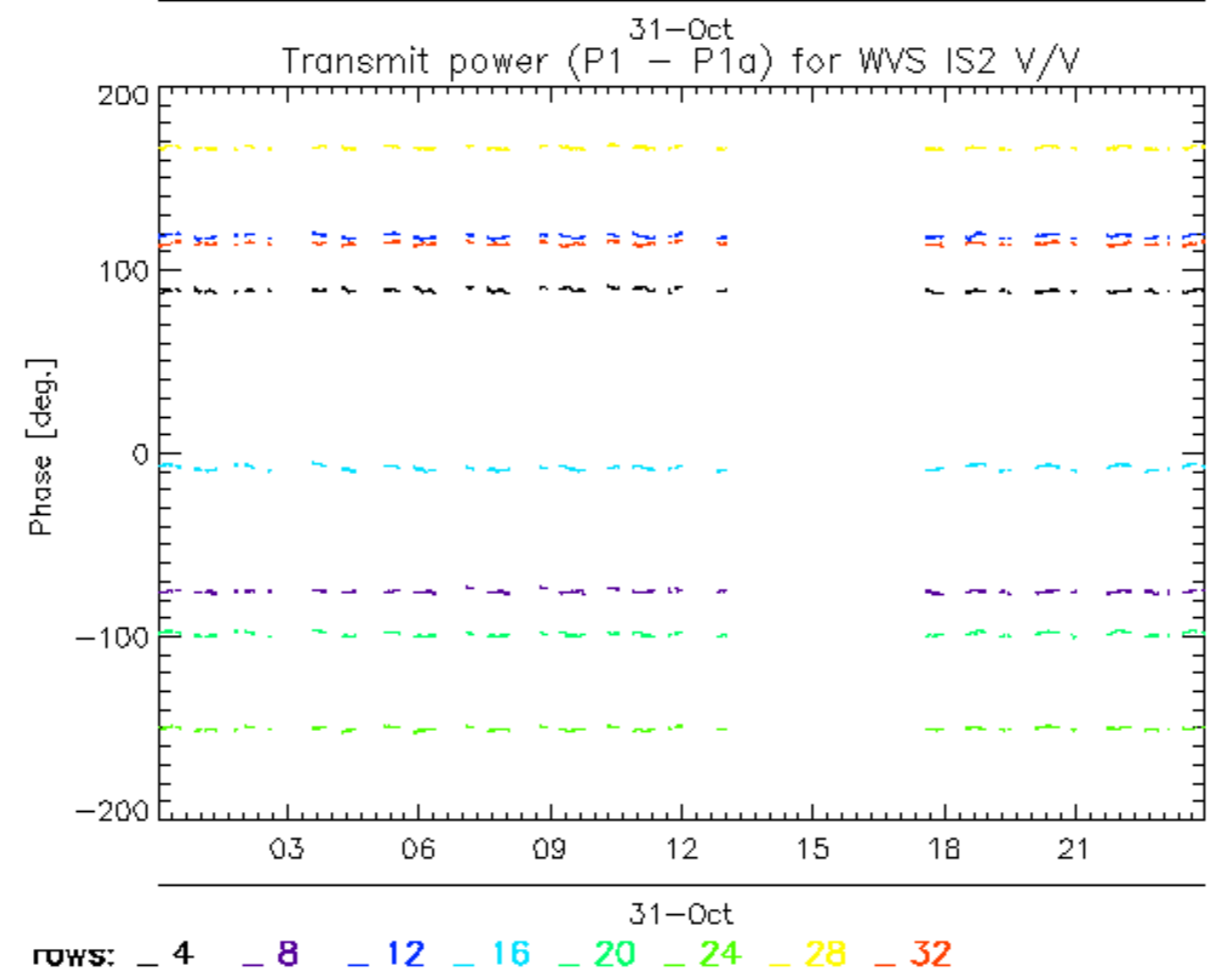
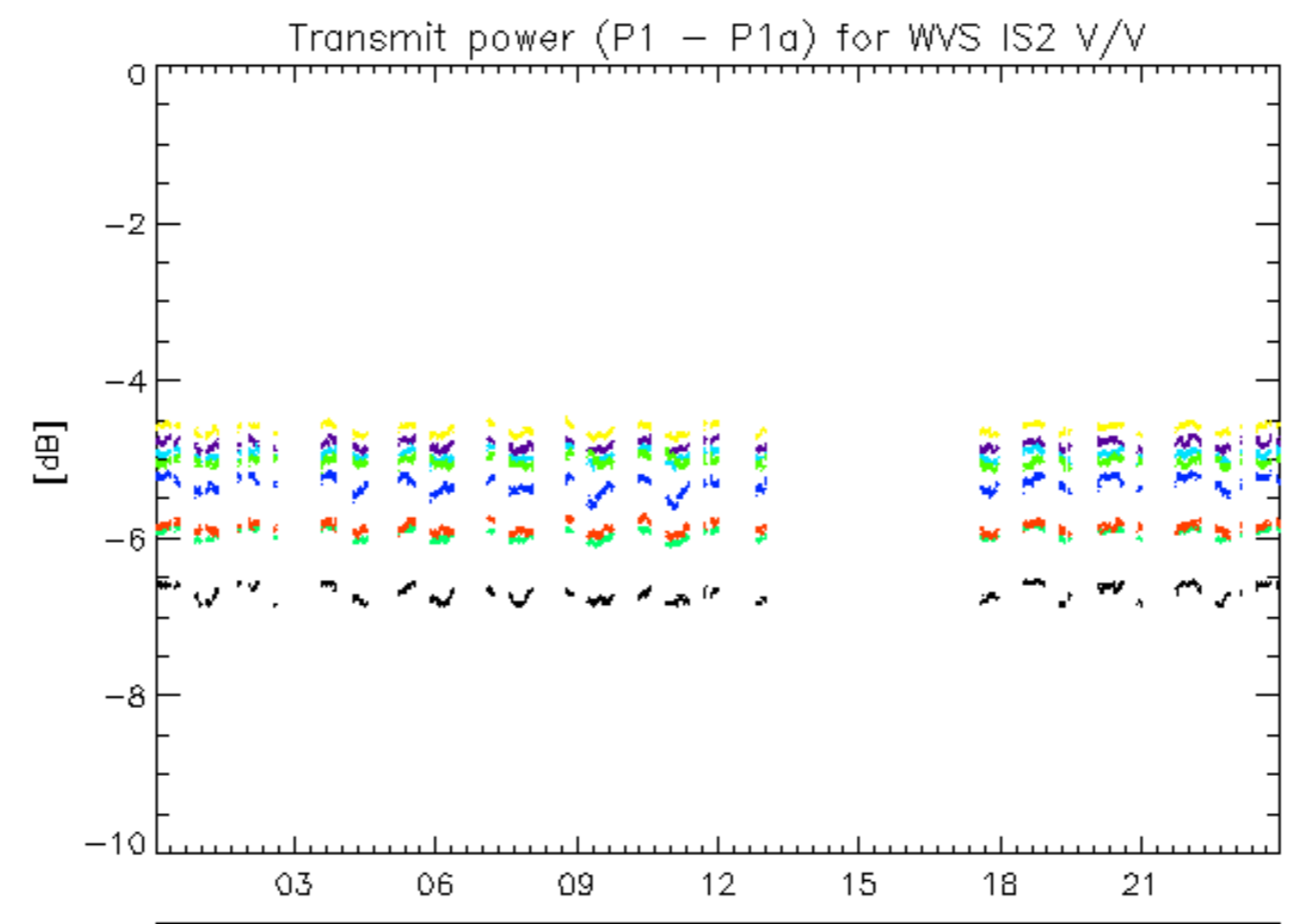
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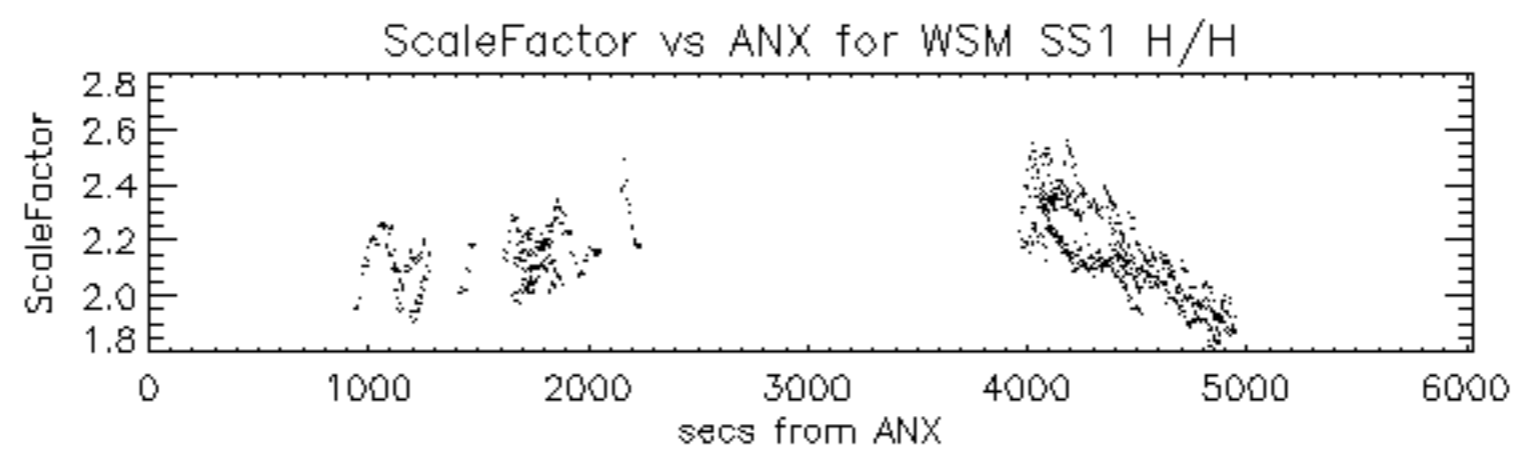


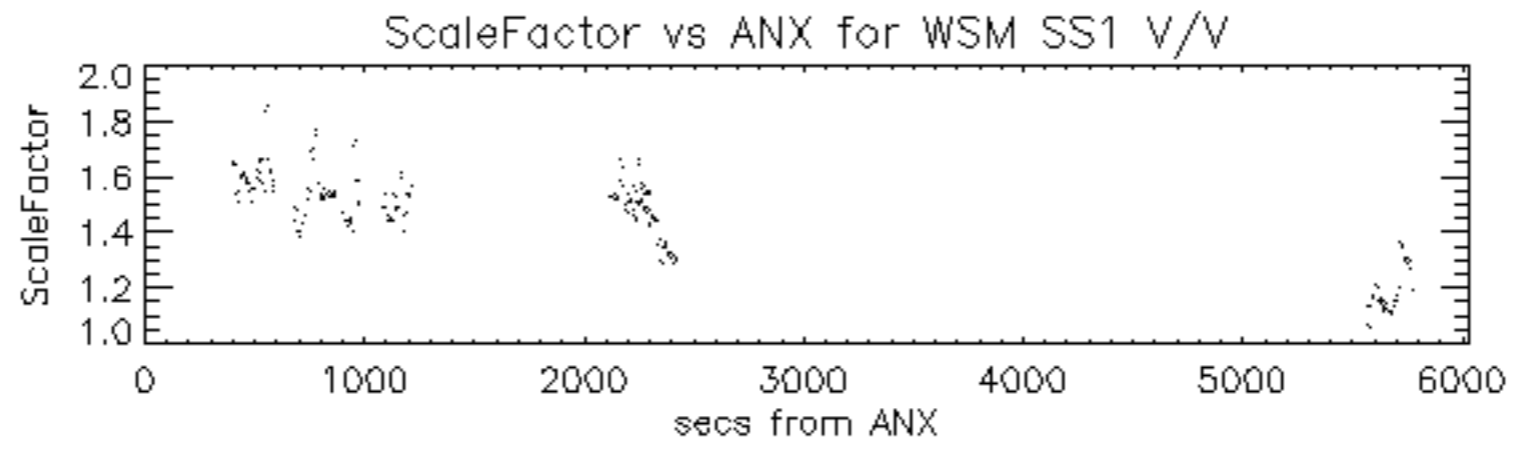




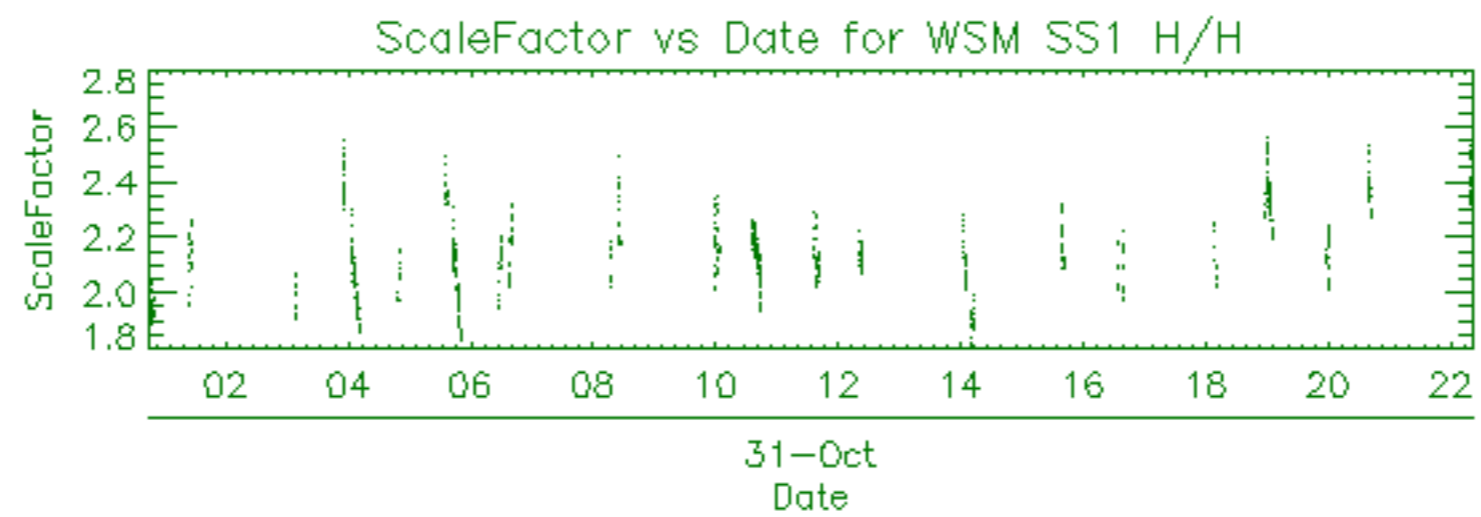


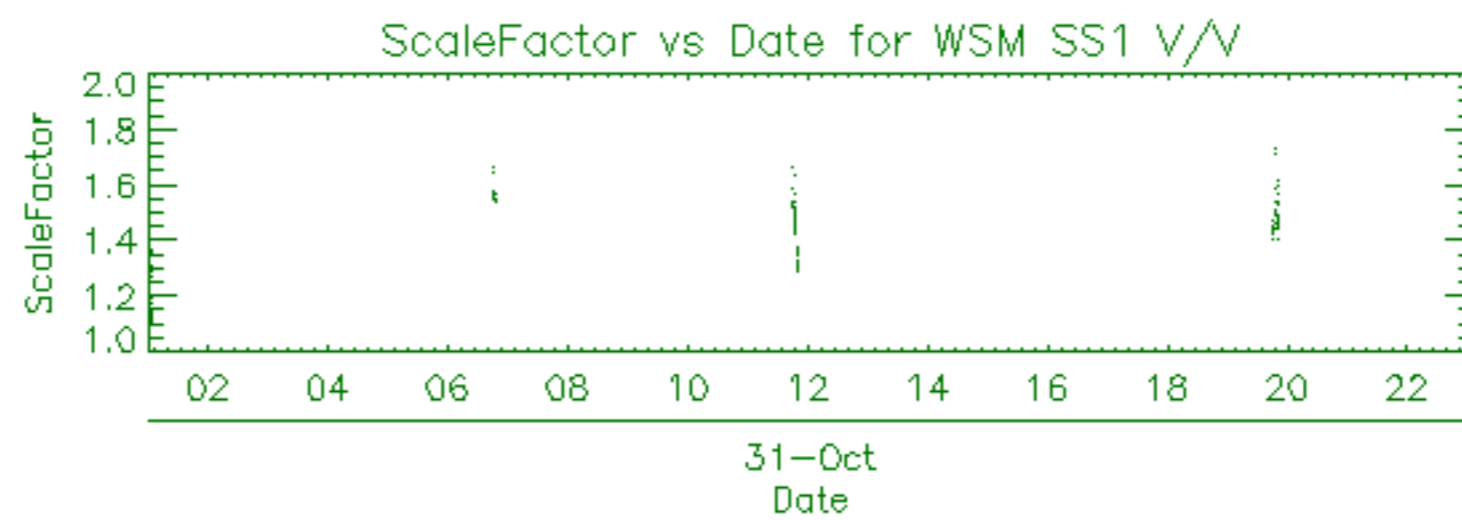












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
ASA_APM_1PNPDE20101031_150258_000000593096_00054_45327_2919.N1						IS1 H/H 96	45327	54	5.04	
ASA_APM_1PNPDE20101031_182235_000000433096_00056_45329_2922.N1						IS1 H/H 96	45329	56	5.04	

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20101030_235050_000007673096_00045_45318_2815.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_001854_000001083096_00045_45318_2816.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_002227_000002593096_00045_45318_2818.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_003332_000006713096_00045_45318_2820.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_005020_000001263096_00045_45318_2827.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_010435_000001813096_00045_45318_2835.N1						SS1	H/H	96	45318	45	5.04
ASA_GM1_1PNPDE20101031_012717_000012333096_00046_45319_2836.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_015220_000005133096_00046_45319_2839.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_021347_000000783096_00046_45319_2840.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_021631_000009733096_00046_45319_2843.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_024107_000002833096_00046_45319_2842.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_024637_000012813096_00046_45319_2844.N1						SS1	H/H	96	45319	46	5.04
ASA_GM1_1PNPDE20101031_030944_000014683096_00047_45320_2847.N1						SS1	H/H	96	45320	47	5.04
ASA_GM1_1PNPDE20101031_035709_000003323096_00047_45320_2871.N1						SS1	H/H	96	45320	47	5.04
ASA_GM1_1PNPDE20101031_041116_000001693096_00047_45320_2873.N1						SS1	H/H	96	45320	47	5.04
ASA_GM1_1PNPDE20101031_043237_000009673096_00048_45321_2874.N1						SS1	H/H	96	45321	48	5.04
ASA_GM1_1PNPDE20101031_045020_000009913096_00048_45321_2875.N1						SS1	H/H	96	45321	48	5.04
ASA_GM1_1PNPDE20101031_050940_000002173096_00048_45321_2881.N1						SS1	H/H	96	45321	48	5.04
ASA_GM1_1PNPDE20101031_053746_000002353096_00048_45321_2891.N1						SS1	H/H	96	45321	48	5.04
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ASA_GM1_1PNPDK20101031_083354_000006653096_00050_45323_6393.N1						SS1	H/H	96	45323	50	5.04
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ASA_GM1_1PNPDE20101031_231355_000007313096_00059_45332_2959.N1	SS1	H/H	96	45332	59	5.04
ASA_GM1_1PNPDE20101031_234158_000001443096_00059_45332_2961.N1	SS1	H/H	96	45332	59	5.04
ASA_GM1_1PNPDE20101031_234556_000002833096_00059_45332_2963.N1	SS1	H/H	96	45332	59	5.04
ASA_GM1_1PNPDE20101031_235043_000000843096_00059_45332_2964.N1	SS1	H/H	96	45332	59	5.04
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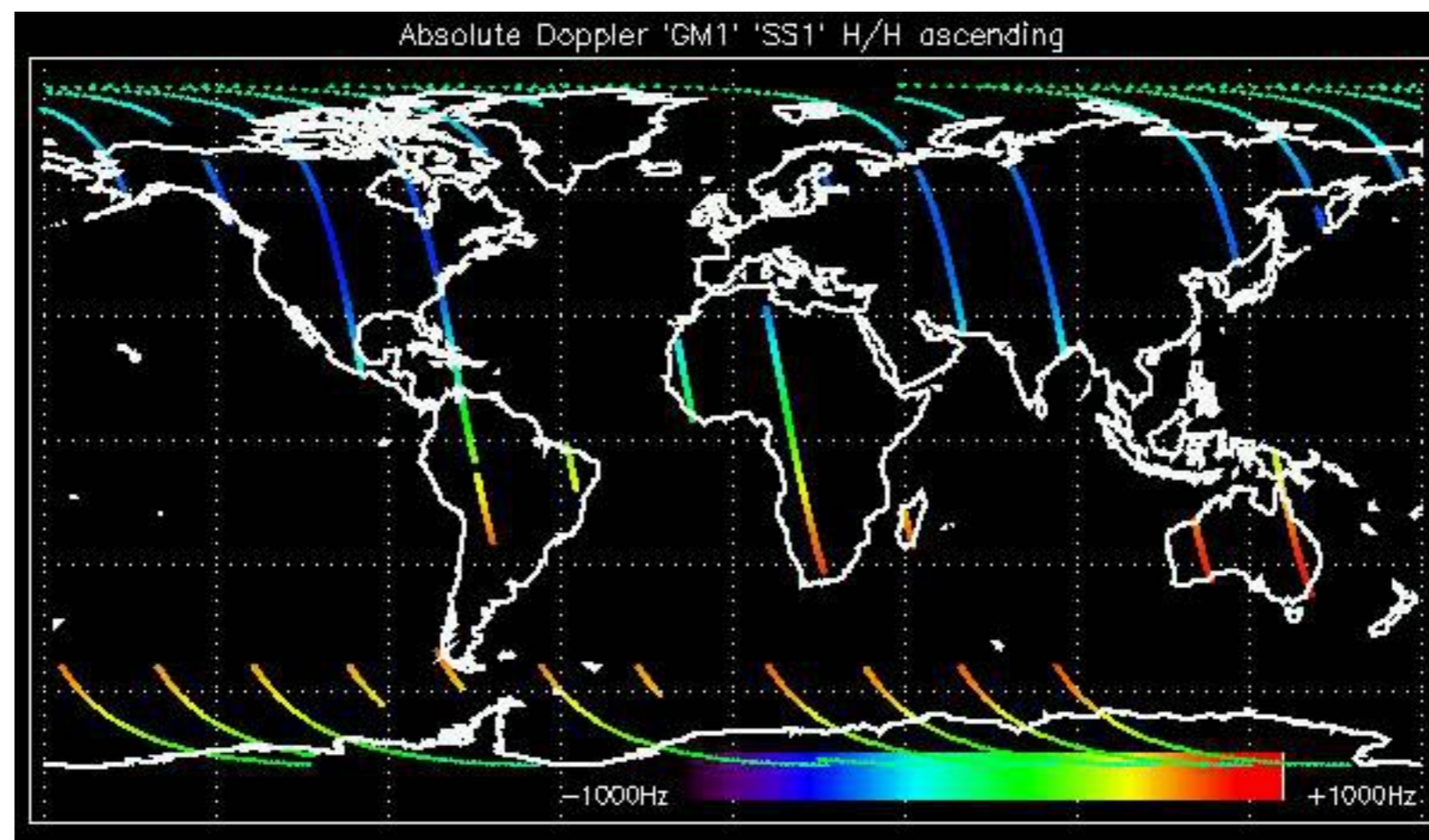
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ASA_IMM_1PNPDE20101031_050650_000001583096_00048_45321_2869.N1						IS6	H/H	96	45321	48	5.04
ASA_IMM_1PNPDK20101031_100421_000000373096_00051_45324_6404.N1						IS2	V/V	96	45324	51	5.04
ASA_IMM_1PNPDK20101031_125745_000000823096_00053_45326_6455.N1						IS6	H/H	96	45326	53	5.04
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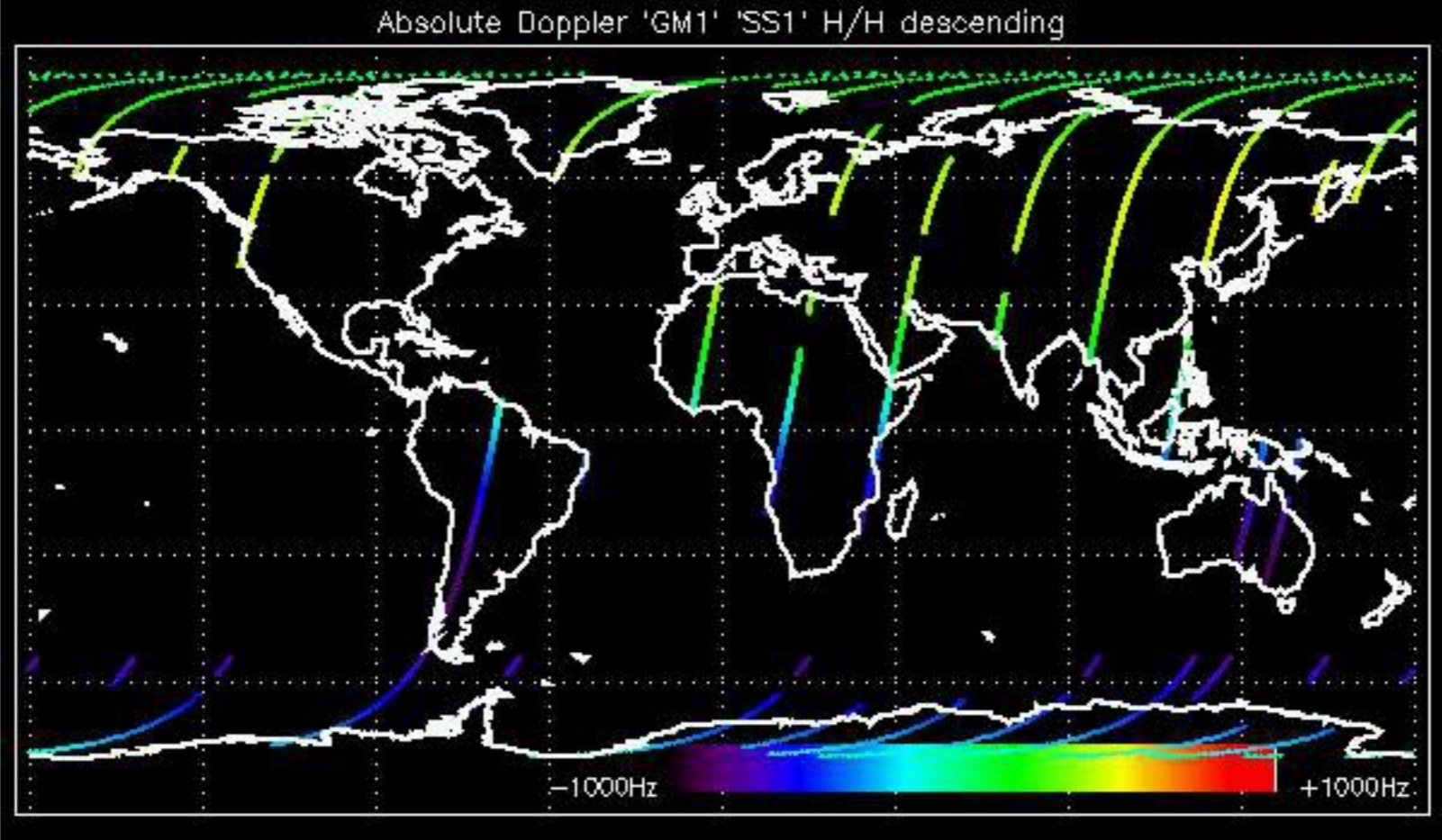
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ASA_MS__0PNPDK20101031_071556_000000163096_00049_45322_0250.N1	H			2010-10-31	07:15:56	320	
ASA_MS__0PNPDK20101031_121638_000000163096_00052_45325_0251.N1	V			2010-10-31	12:16:38	320	
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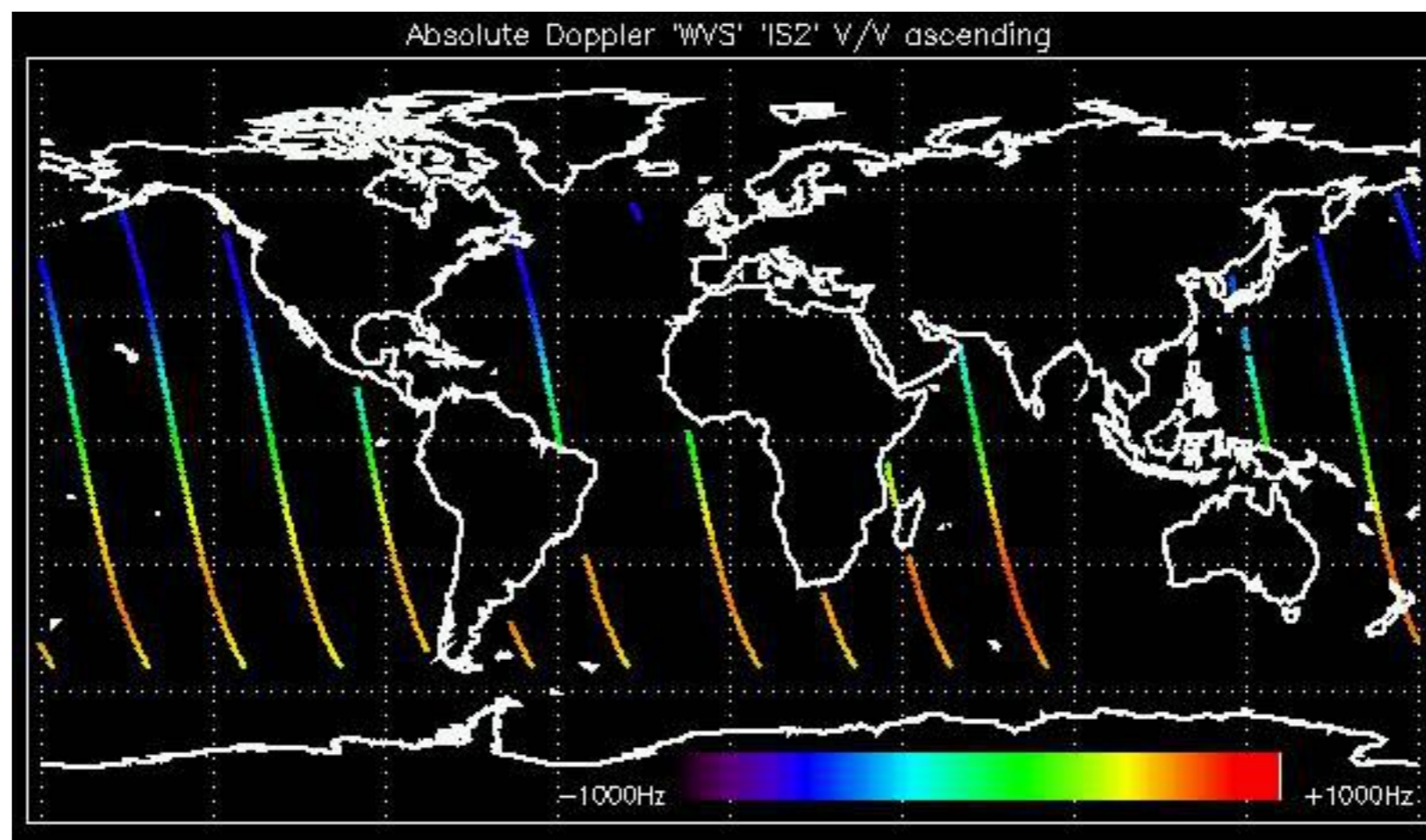
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ASA_WSM_1PNPDE20101031_012342_000002143096_00046_45319_2830.N1						SS1	H/H	96	45319	46	5.04
ASA_WSM_1PNPDE20101031_030803_000000983096_00047_45320_2833.N1						SS1	H/H	96	45320	47	5.04
ASA_WSM_1PNPDE20101031_035432_000001533096_00047_45320_2855.N1						SS1	H/H	96	45320	47	5.04
ASA_WSM_1PNPDE20101031_040242_000005143096_00047_45320_2868.N1						SS1	H/H	96	45320	47	5.04
ASA_WSM_1PNPDE20101031_044846_000000923096_00048_45321_2870.N1						SS1	H/H	96	45321	48	5.04
ASA_WSM_1PNPDE20101031_053508_000001533096_00048_45321_2886.N1						SS1	H/H	96	45321	48	5.04
ASA_WSM_1PNPDE20101031_054143_000005143096_00048_45321_2888.N1						SS1	H/H	96	45321	48	5.04
ASA_WSM_1PNPDE20101031_062733_000001533096_00049_45322_2889.N1						SS1	H/H	96	45322	49	5.04
ASA_WSM_1PNPDK20101031_063710_000002083096_00049_45322_6358.N1						SS1	H/H	96	45322	49	5.04
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ASA_WSM_1PNPDK20101031_081703_000000923096_00050_45323_6377.N1						SS1	H/H	96	45323	50	5.04
ASA_WSM_1PNPDK20101031_082450_000001163096_00050_45323_6379.N1						SS1	H/H	96	45323	50	5.04
ASA_WSM_1PNPDE20101031_095802_000003493096_00051_45324_2907.N1						SS1	H/H	96	45324	51	5.04
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ASA_WSM_1PNPDK20101031_113619_000002943096_00052_45325_6425.N1						SS1	H/H	96	45325	52	5.04
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ASA_WSM_1PNPDK20101031_122040_000002143096_00052_45325_6452.N1						SS1	H/H	96	45325	52	5.04
ASA_WSM_1PNPDE20101031_140236_000002143096_00053_45326_2916.N1						SS1	H/H	96	45326	53	5.04
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ASA_WSM_1PNPDE20101031_153733_000002143096_00054_45327_2920.N1						SS1	H/H	96	45327	54	5.04
ASA_WSM_1PNPDK20101031_163344_000000923096_00055_45328_6513.N1						SS1	H/H	96	45328	55	5.04
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ASA_WSM_1PNPDK20101031_180828_000000923096_00056_45329_6534.N1						SS1	H/H	96	45329	56	5.04
ASA_WSM_1PNPDE20101031_185815_000003923096_00056_45329_2923.N1						SS1	H/H	96	45329	56	5.04
ASA_WSM_1PNPDK20101031_194544_000000923096_00057_45330_6558.N1						SS1	V/V	96	45330	57	5.04
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ASA_WSM_1PNPDE20101031_221827_000001903096_00058_45331_2938.N1						SS1	H/H	96	45331	58	5.04
ASA_WSM_1PNPDE20101031_225744_000002143096_00059_45332_2953.N1						SS1	V/V	96	45332	59	5.04
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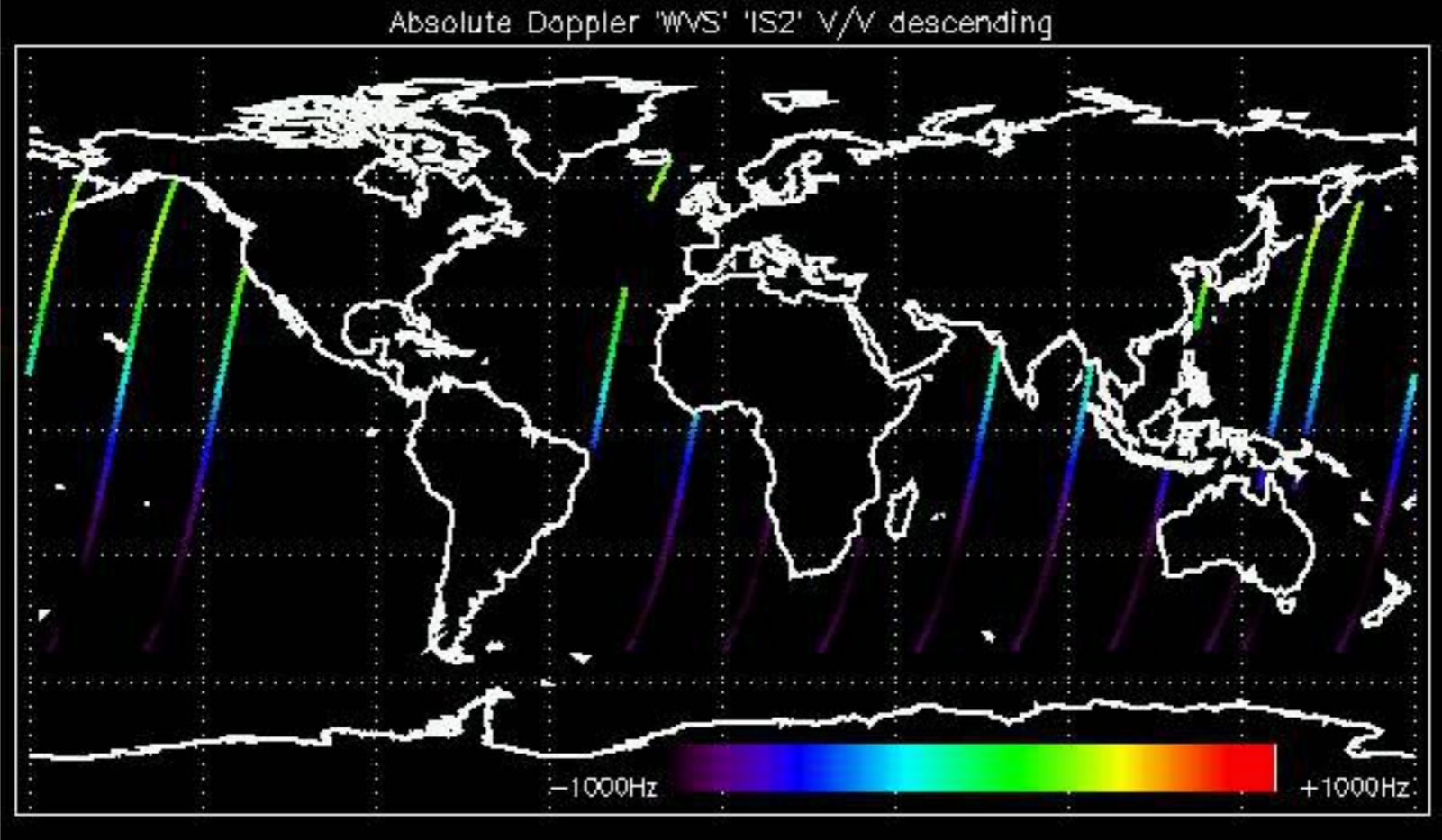


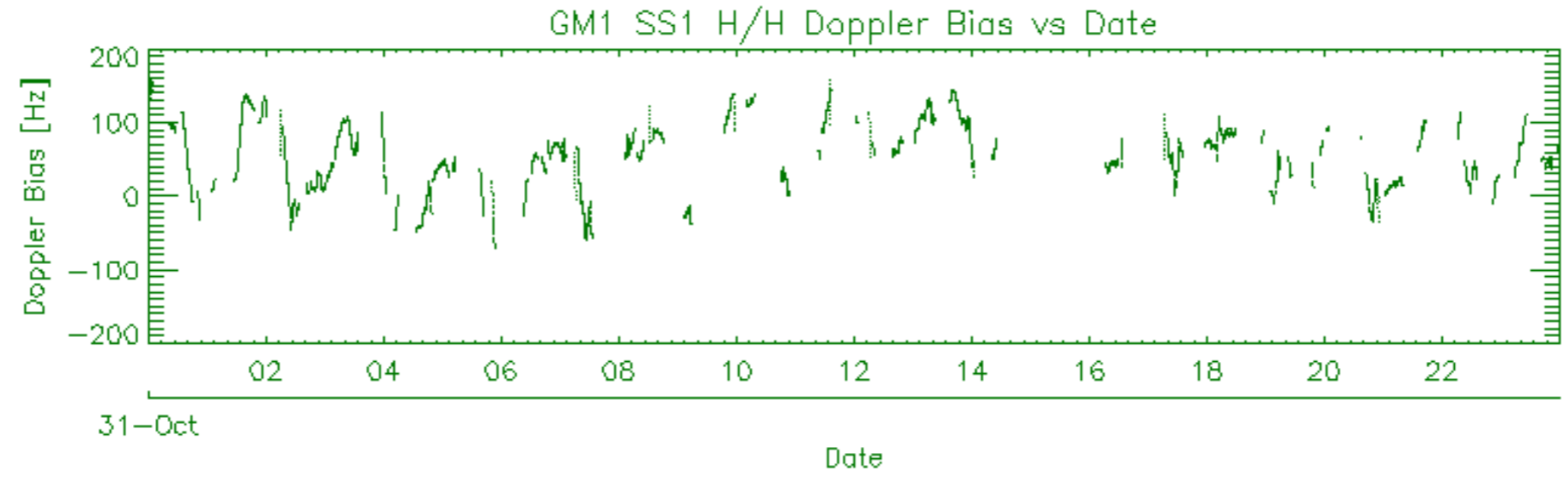
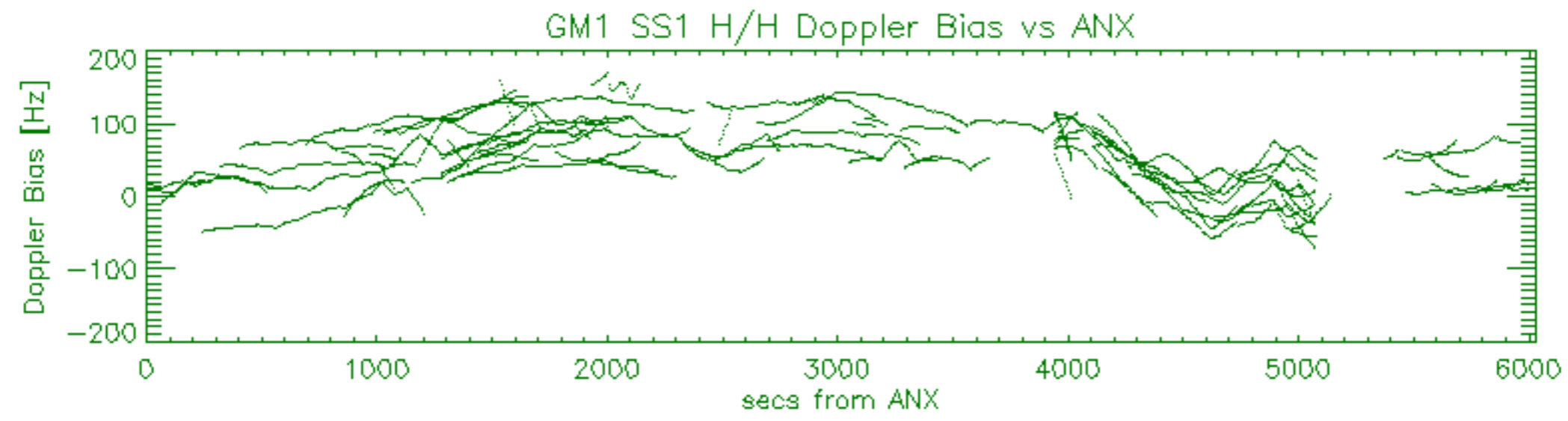
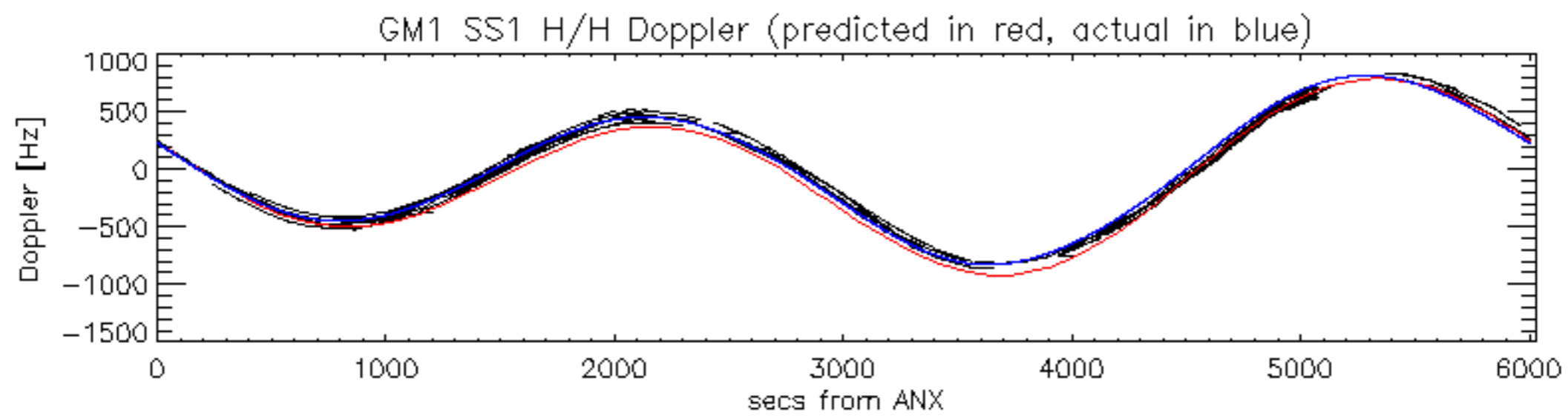
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ASA_WVS_1PNPDE20101031_002734_000003153096_00045_45318_2819.N1						IS2	V/V	96	45318	45	5.04
ASA_WVS_1PNPDE20101031_005231_000002393096_00045_45318_2821.N1						IS2	V/V	96	45318	45	5.04
ASA_WVS_1PNPDE20101031_005531_000002703096_00045_45318_2834.N1						IS2	V/V	96	45318	45	5.04
ASA_WVS_1PNPDE20101031_005231_000002393096_00045_45318_2821.N1						IS1	V/V	96	45318	45	5.04
ASA_WVS_1PNPDE20101031_010736_000008993096_00045_45318_2837.N1						IS2	V/V	96	45318	45	5.04
ASA_WVS_1PNPDE20101031_014808_000001943096_00046_45319_2838.N1						IS2	V/V	96	45319	46	5.04
ASA_WVS_1PNPDE20101031_020056_000007193096_00046_45319_2841.N1						IS2	V/V	96	45319	46	5.04
ASA_WVS_1PNPDE20101031_023245_000001803096_00046_45319_2845.N1						IS2	V/V	96	45319	46	5.04
ASA_WVS_1PNPDE20101031_033415_000007643096_00047_45320_2846.N1						IS2	V/V	96	45320	47	5.04
ASA_WVS_1PNPDE20101031_034629_000004053096_00047_45320_2872.N1						IS2	V/V	96	45320	47	5.04
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ASA_WVS_1PNPDE20101031_041407_000010643096_00047_45320_2876.N1						IS2	V/V	96	45320	47	5.04
ASA_WVS_1PNPDE20101031_051320_000010343096_00048_45321_2880.N1						IS2	V/V	96	45321	48	5.04
ASA_WVS_1PNPDE20101031_053005_000002103096_00048_45321_2890.N1						IS2	V/V	96	45321	48	5.04
ASA_WVS_1PNPDE20101031_051320_000010343096_00048_45321_2880.N1						IS1	V/V	96	45321	48	5.04
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ASA_WVS_1PNPDE20101031_070621_000002253096_00049_45322_2899.N1						IS1	V/V	96	45322	49	5.04
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ASA_WVS_1PNPDK20101031_084502_000005403096_00050_45323_6392.N1						IS2	V/V	96	45323	50	5.04
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ASA_WVS_1PNPDK20101031_101824_000009443096_00051_45324_6416.N1						IS2	V/V	96	45324	51	5.04
ASA_WVS_1PNPDK20101031_105356_000017393096_00051_45324_6419.N1						IS2	V/V	96	45324	51	5.04
ASA_WVS_1PNPDK20101031_114133_000001503096_00052_45325_6439.N1						IS2	V/V	96	45325	52	5.04
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ASA_WVS_1PNPDK20101031_124900_000004803096_00052_45325_6450.N1						IS2	V/V	96	45325	52	5.04
ASA_WVS_1PNPDK20101031_125913_000000753096_00053_45326_6451.N1						IS2	V/V	96	45326	53	5.04
ASA_WVS_1PNPDK20101031_173453_000013043096_00055_45328_6532.N1						IS2	V/V	96	45328	55	5.04
ASA_WVS_1PNPDK20101031_182950_000015293096_00056_45329_6554.N1						IS2	V/V	96	45329	56	5.04
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ASA_WVS_1PNPDK20101031_192609_000001643096_00056_45329_6557.N1						IS2	V/V	96	45329	56	5.04
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ASA_WVS_1PNPDE20101031_205521_000003003096_00057_45330_2941.N1						IS2	V/V	96	45330	57	5.04
ASA_WVS_1PNPDE20101031_214410_000019043096_00058_45331_2944.N1						IS2	V/V	96	45331	58	5.04
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ASA_WVS_1PNPDE20101031_230555_000000603096_00059_45332_2958.N1						IS2	V/V	96	45332	59	5.04
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ASA_WVS_1PNPDE20101031_234425_000000443096_00059_45332_2962.N1						IS2	V/V	96	45332	59	5.04
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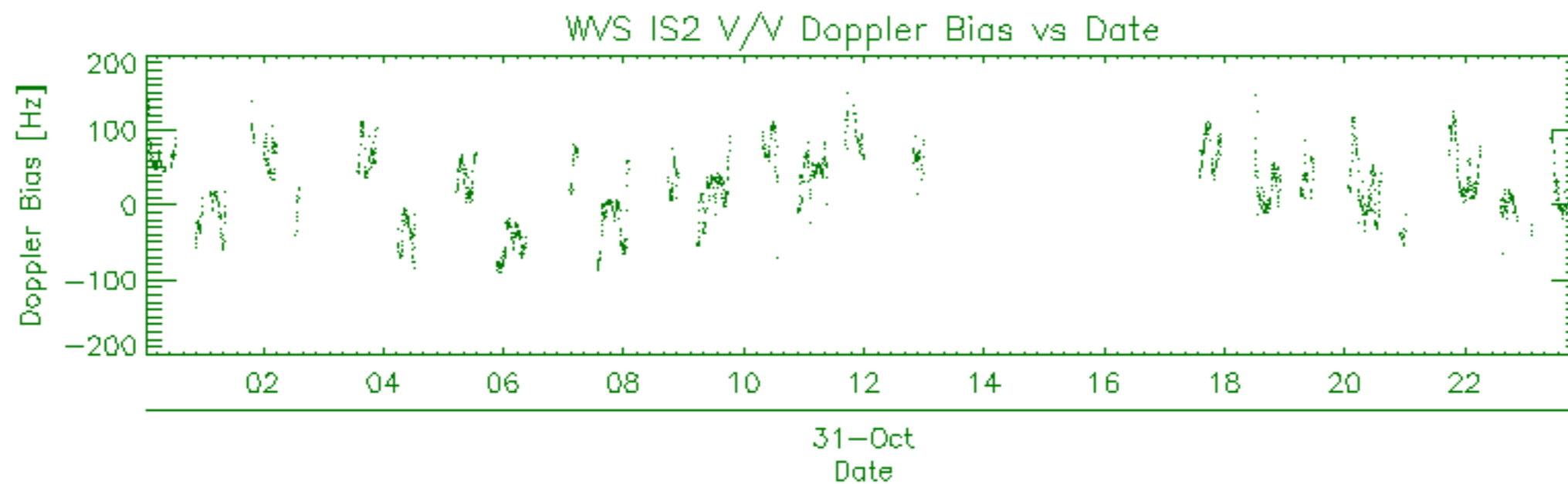
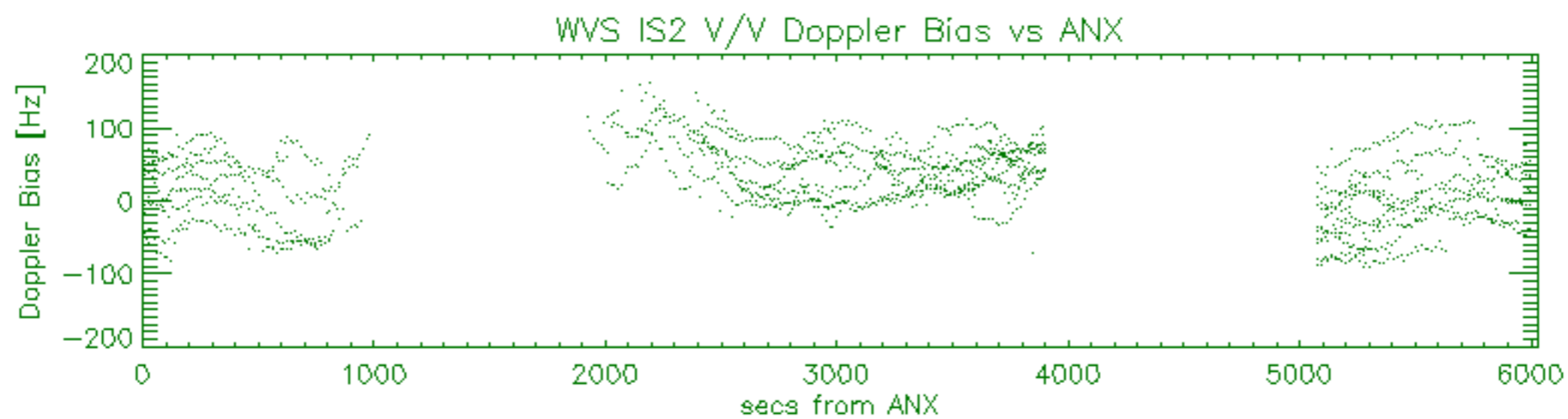
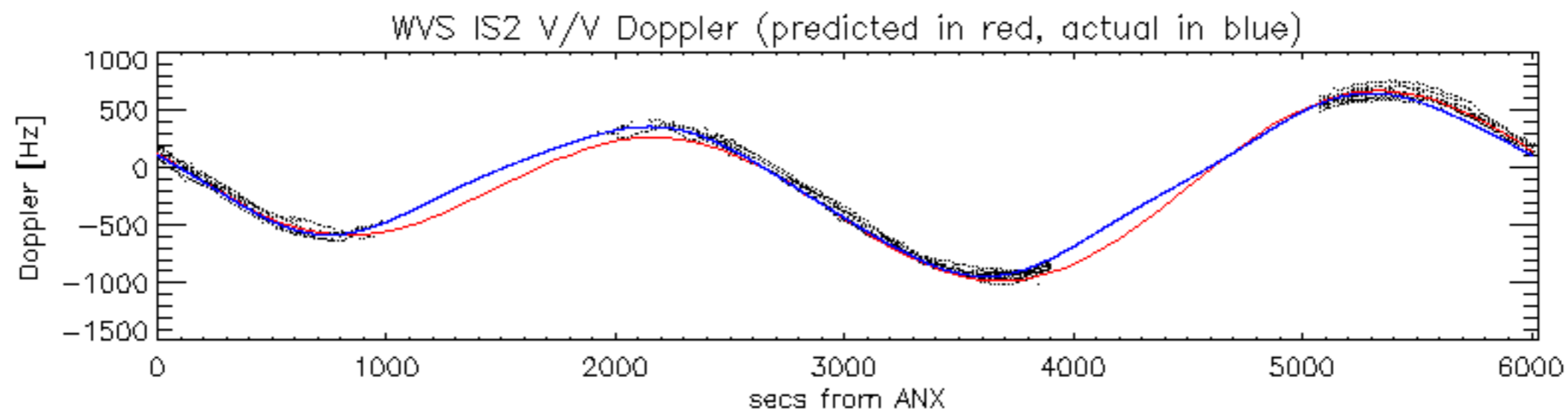


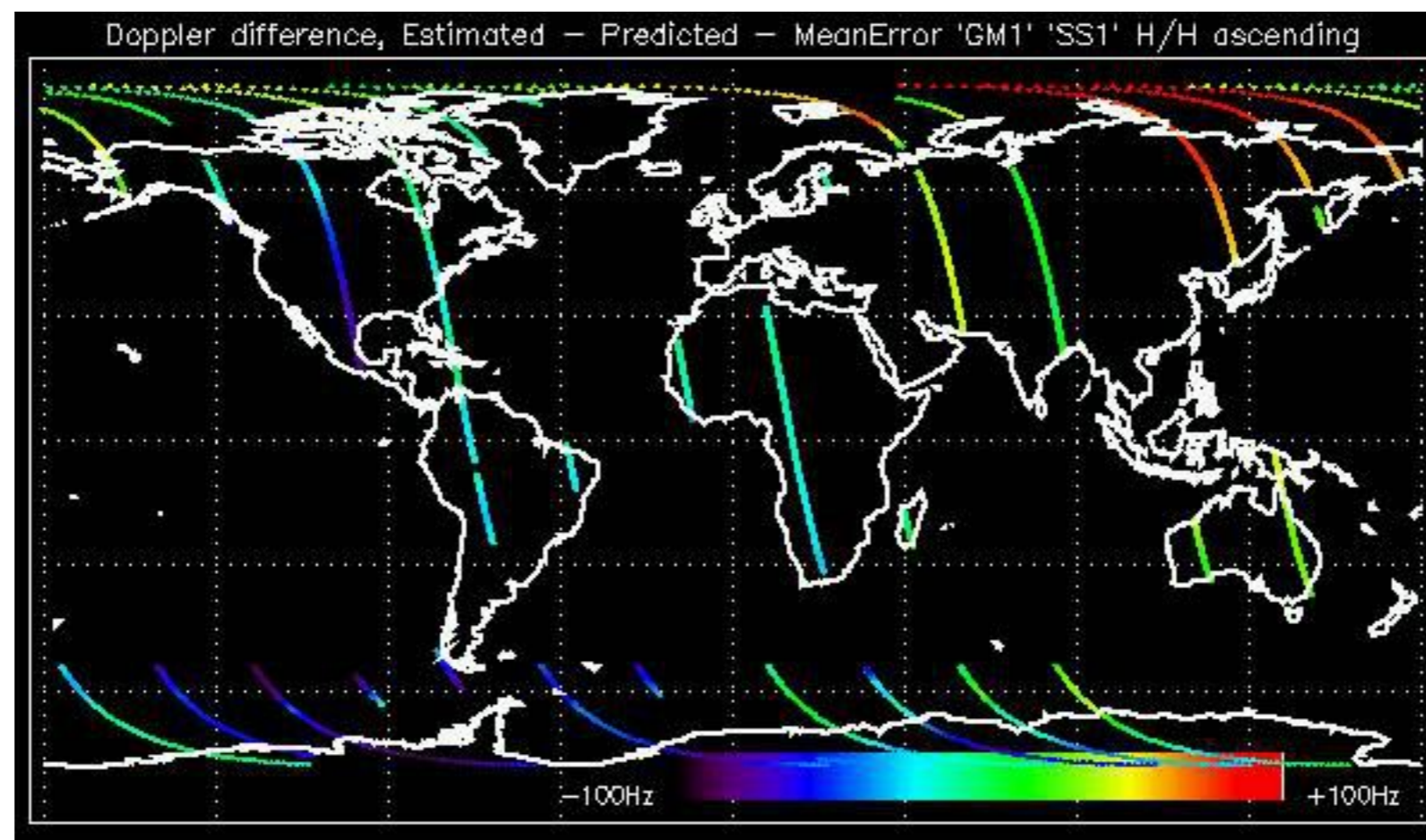




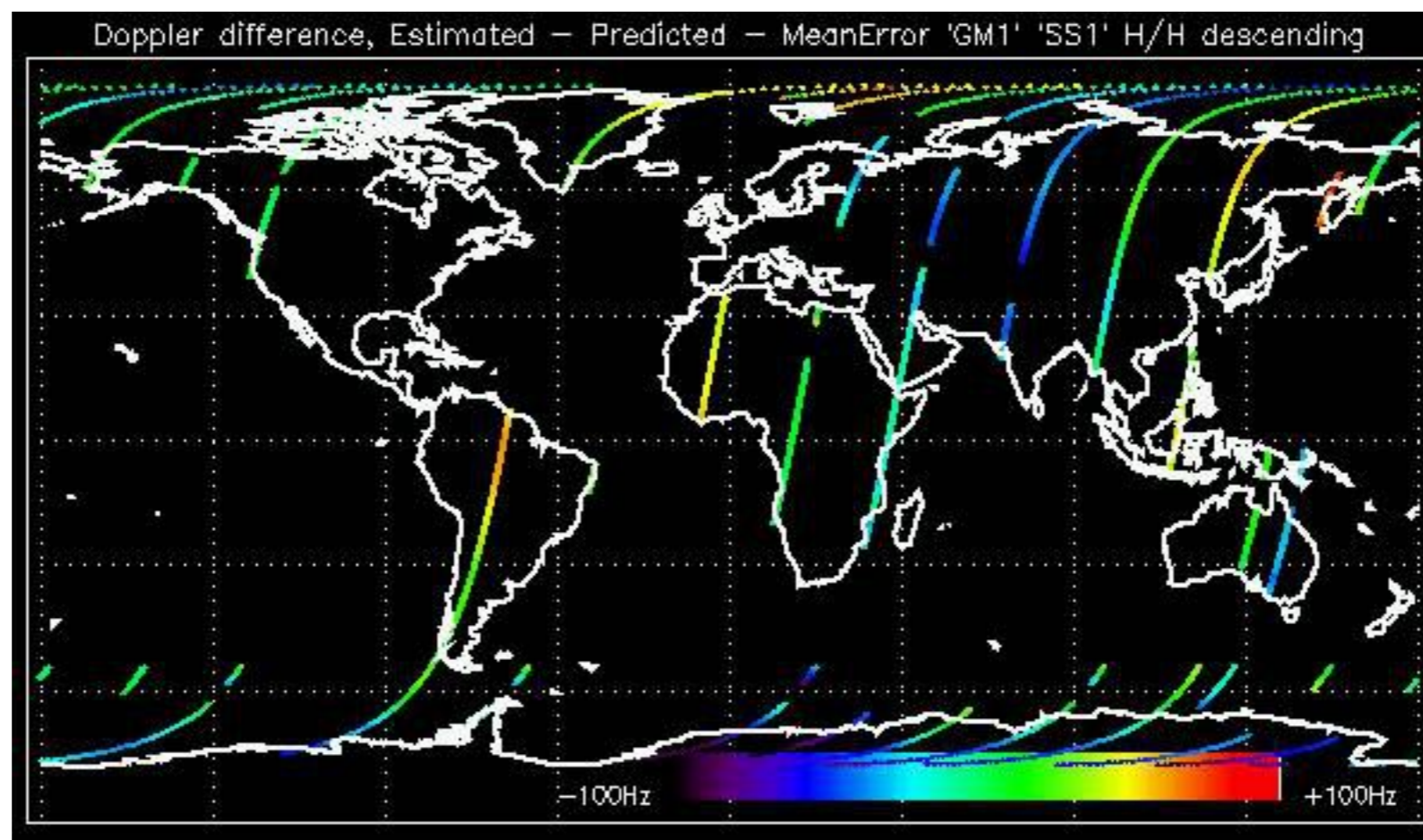


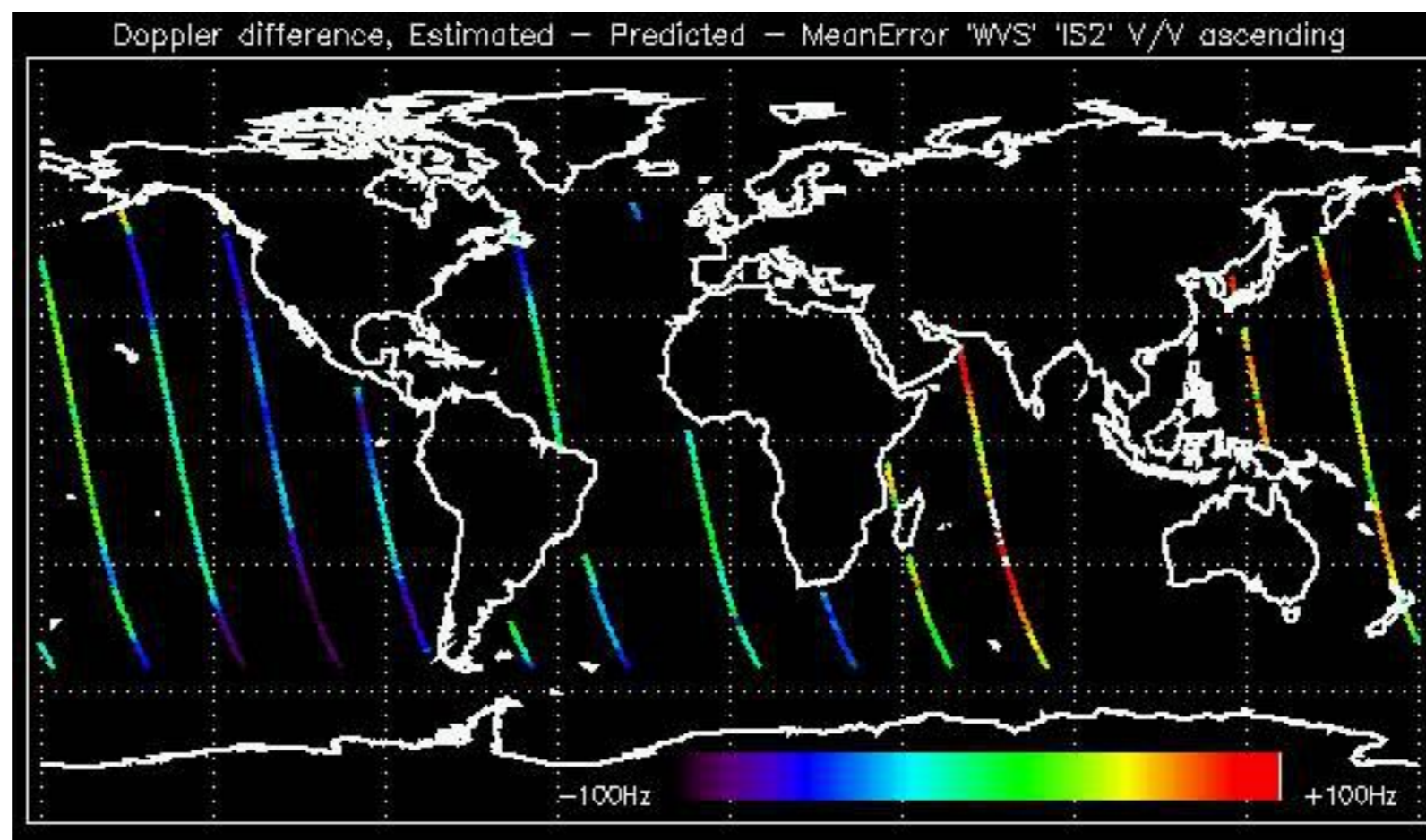


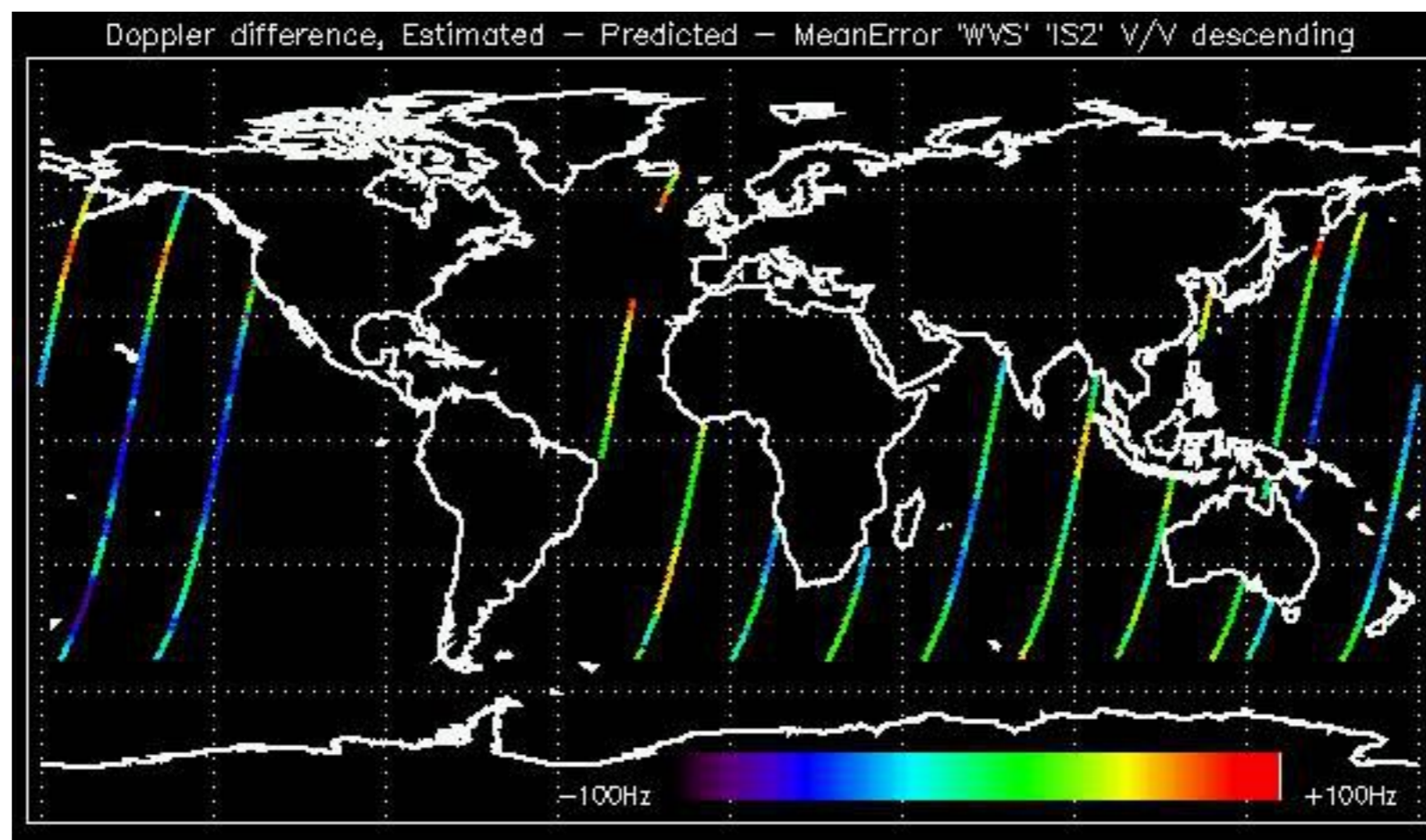


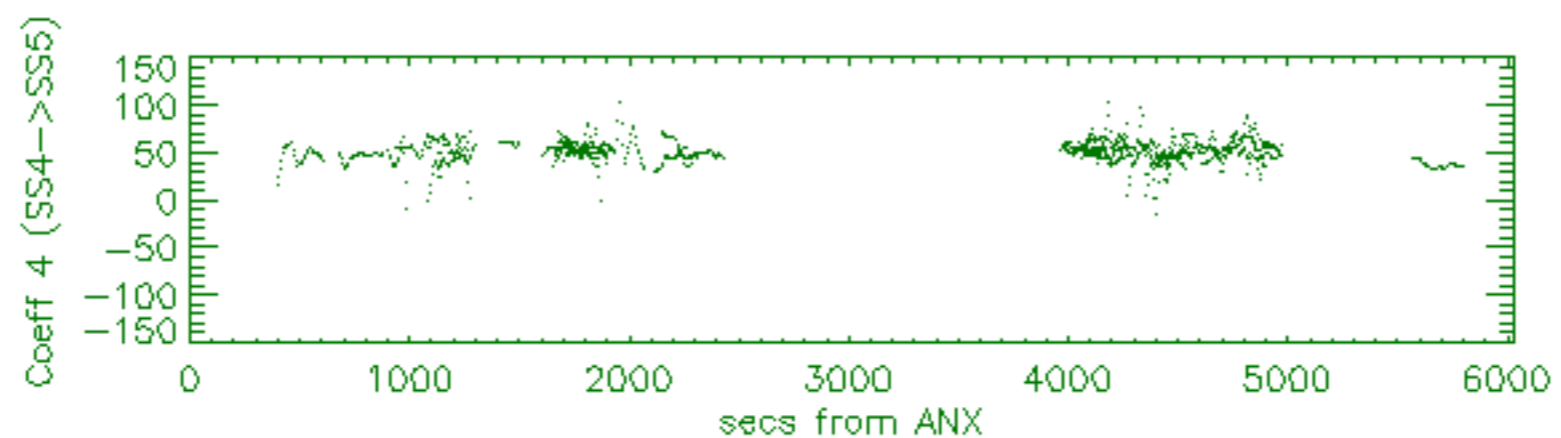
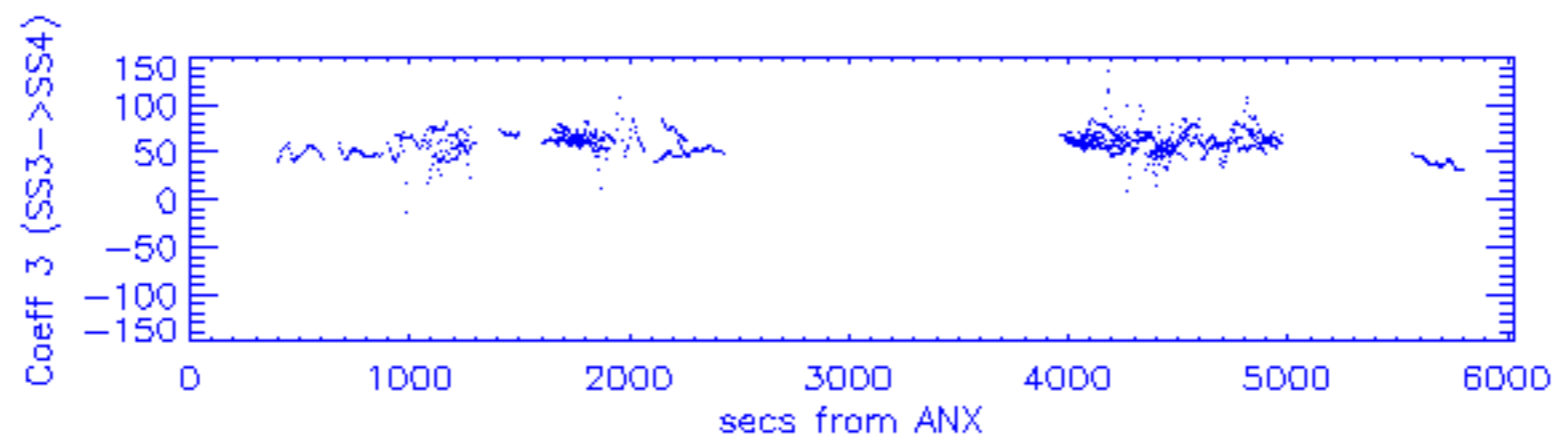
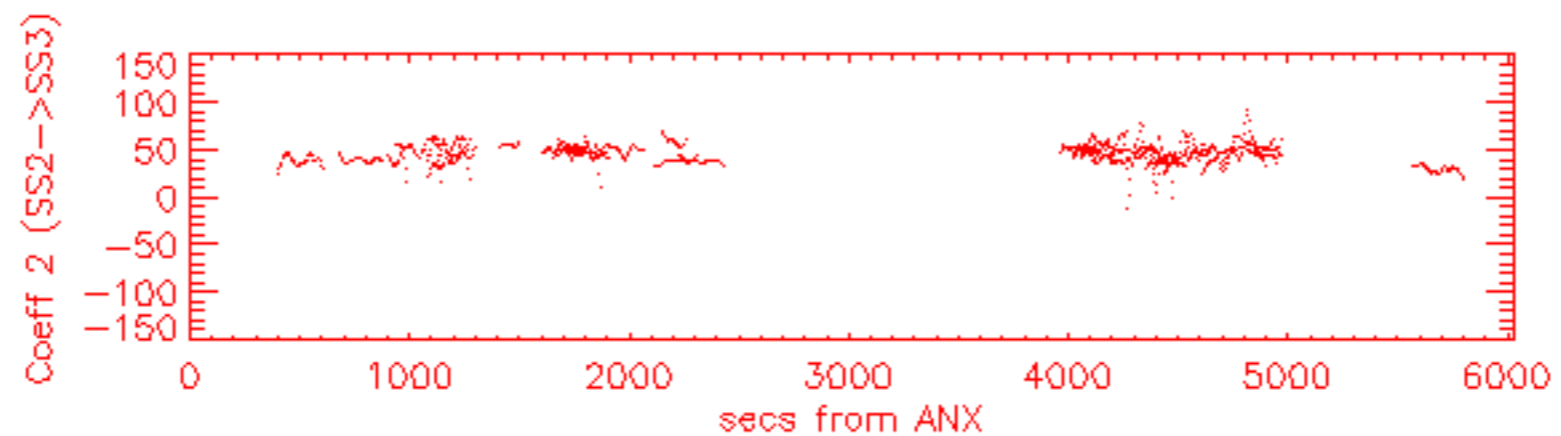
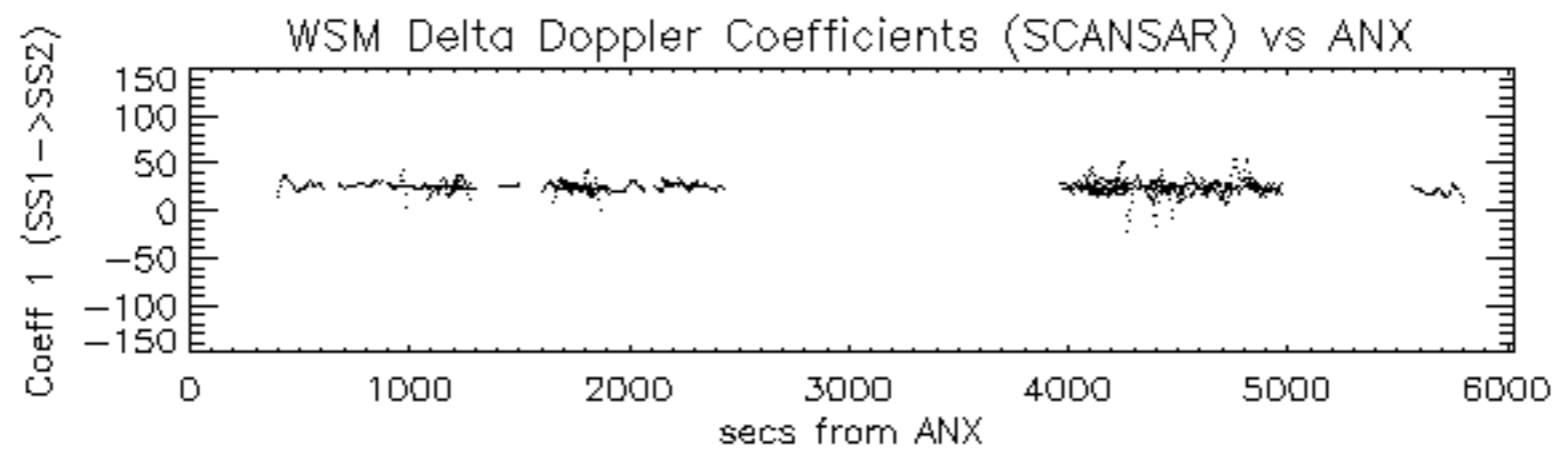


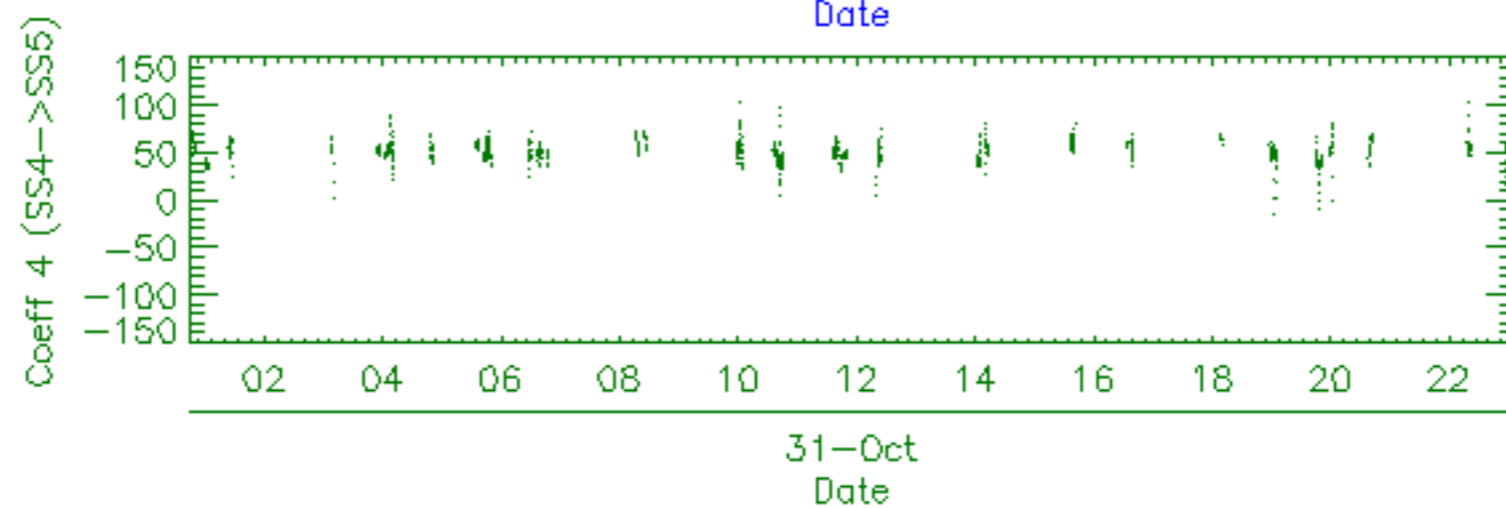
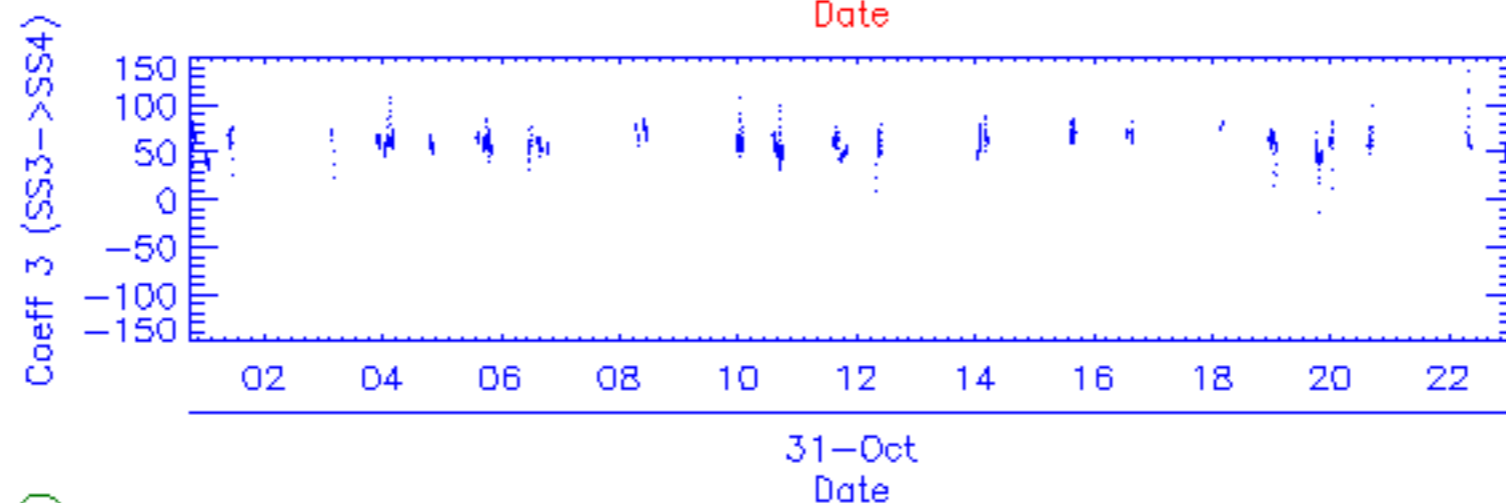
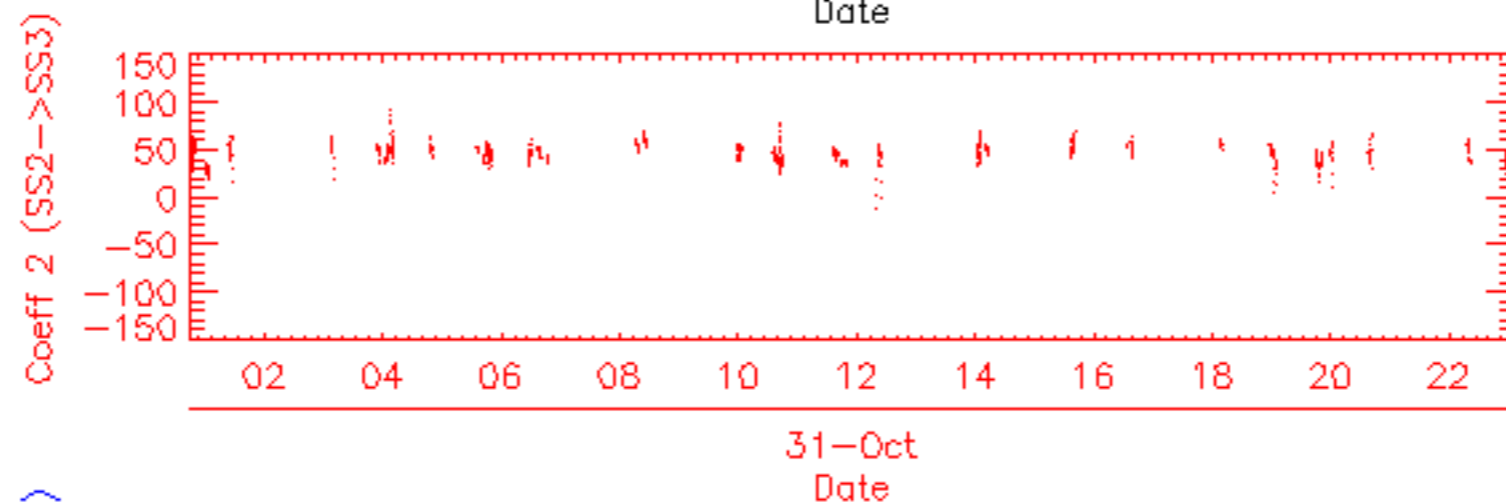
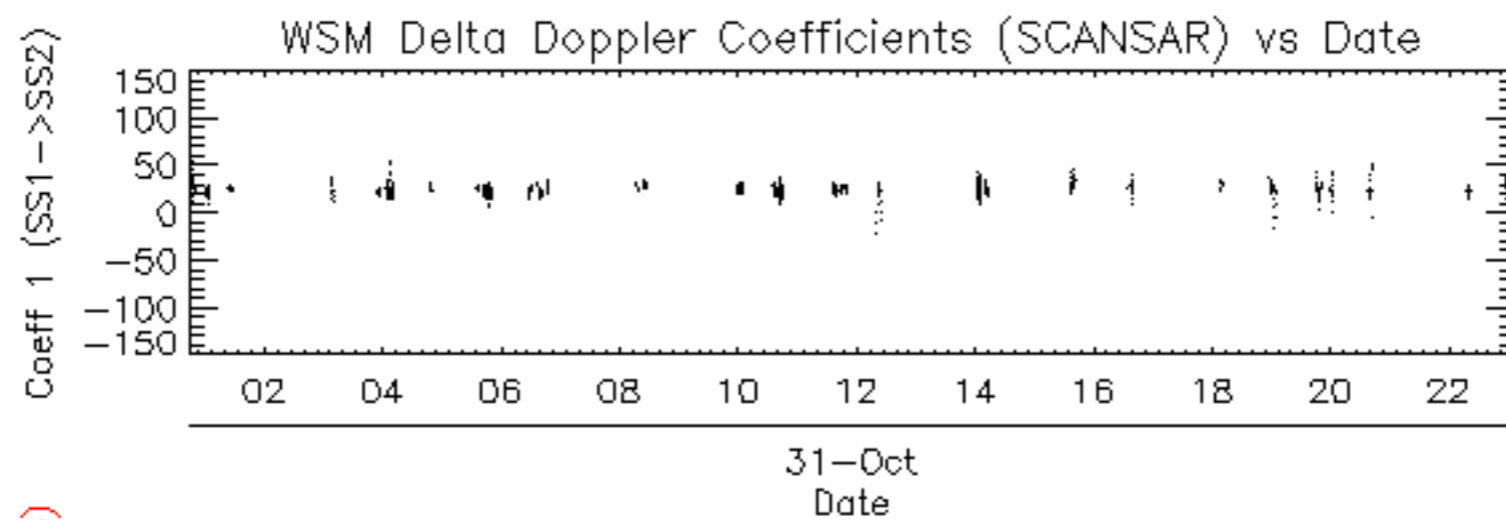




















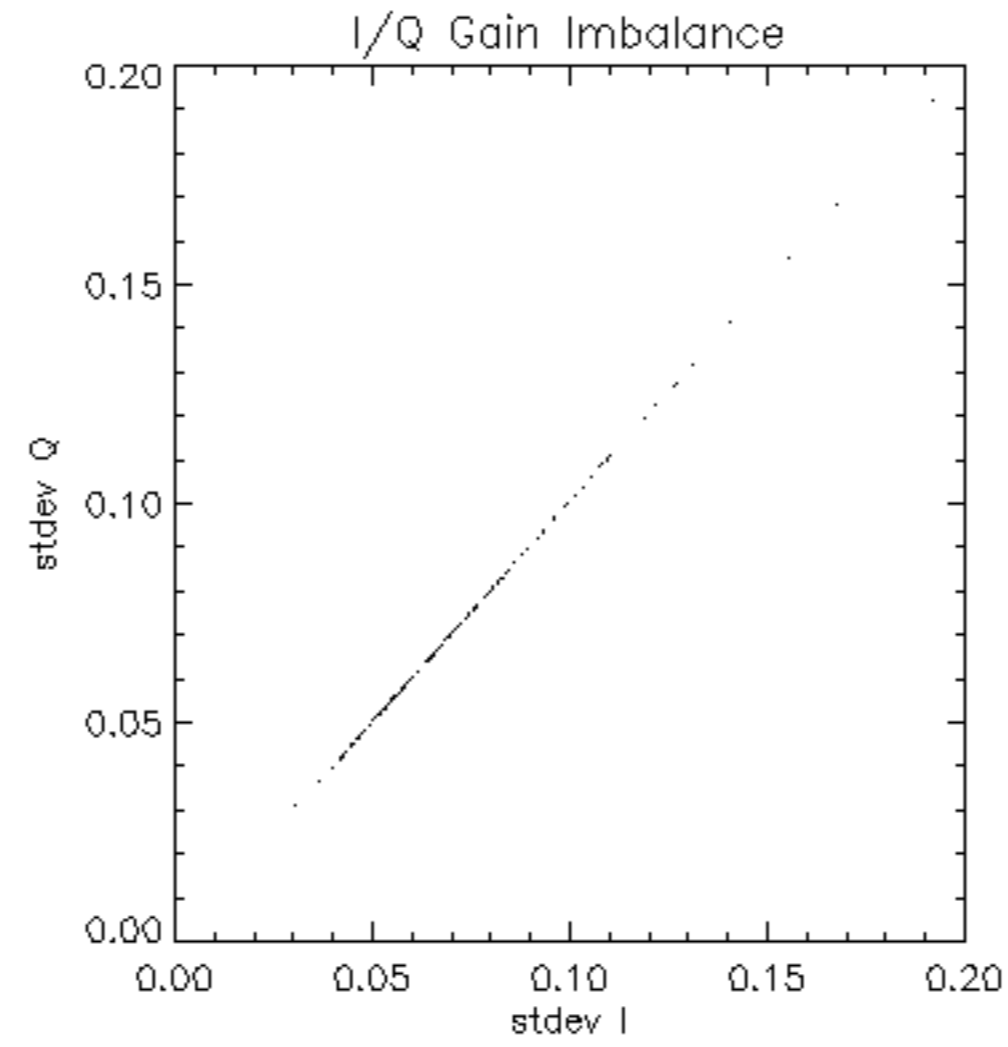


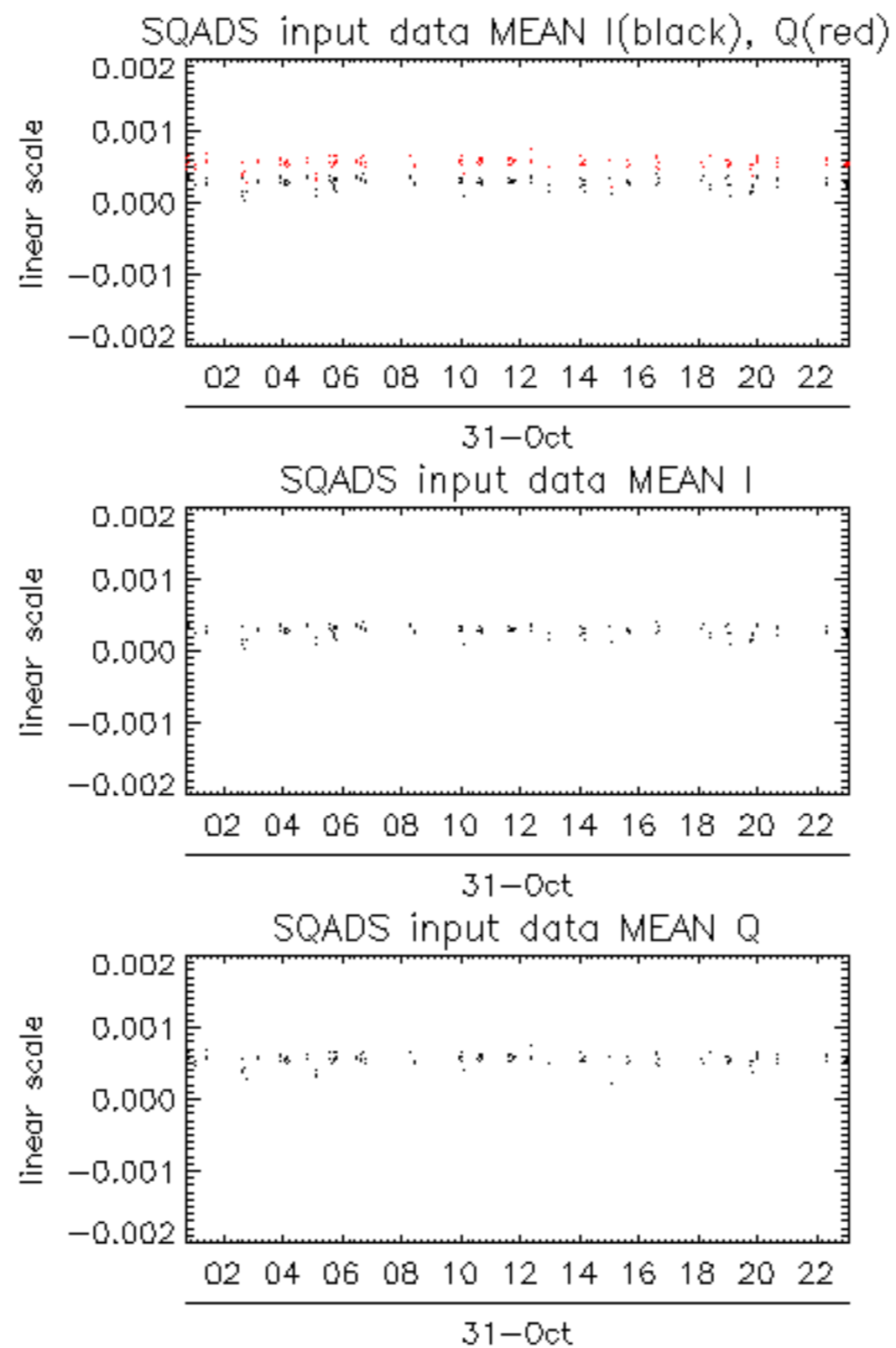


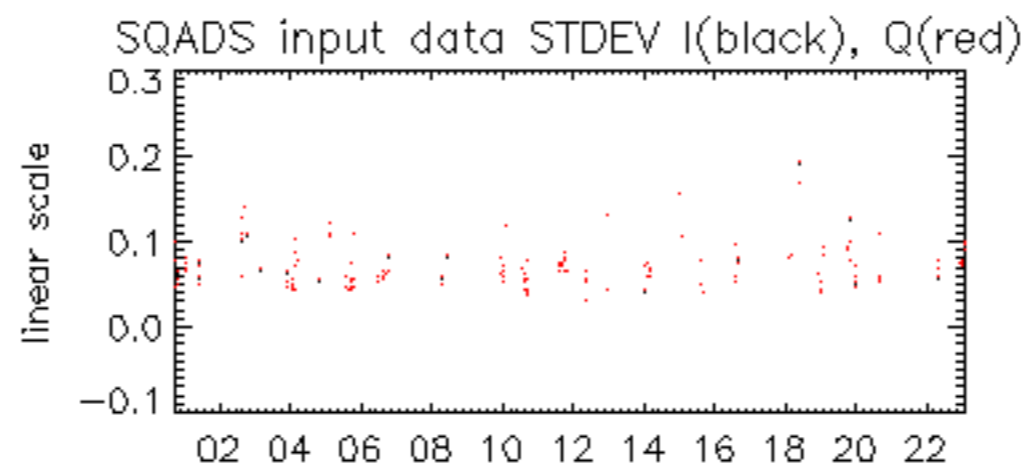




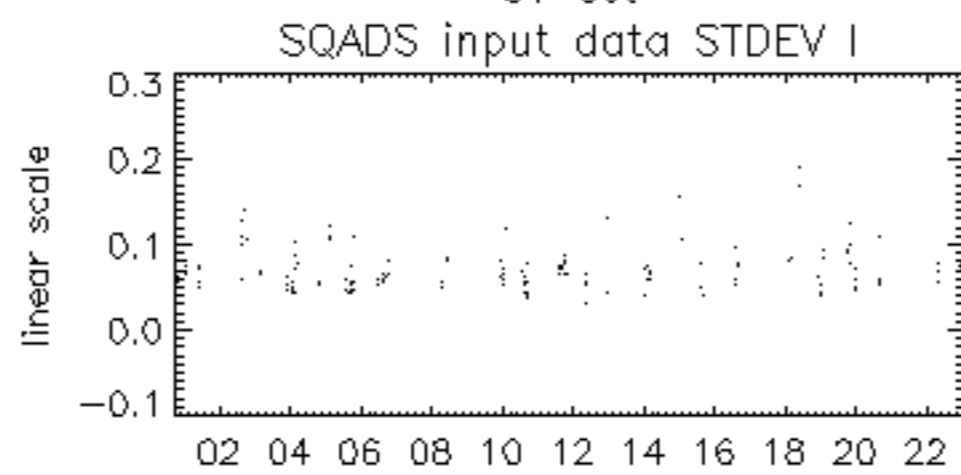




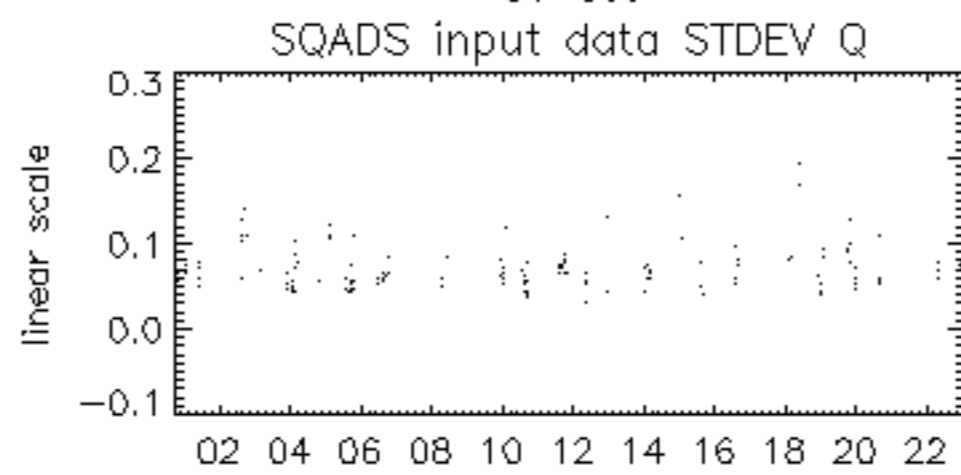




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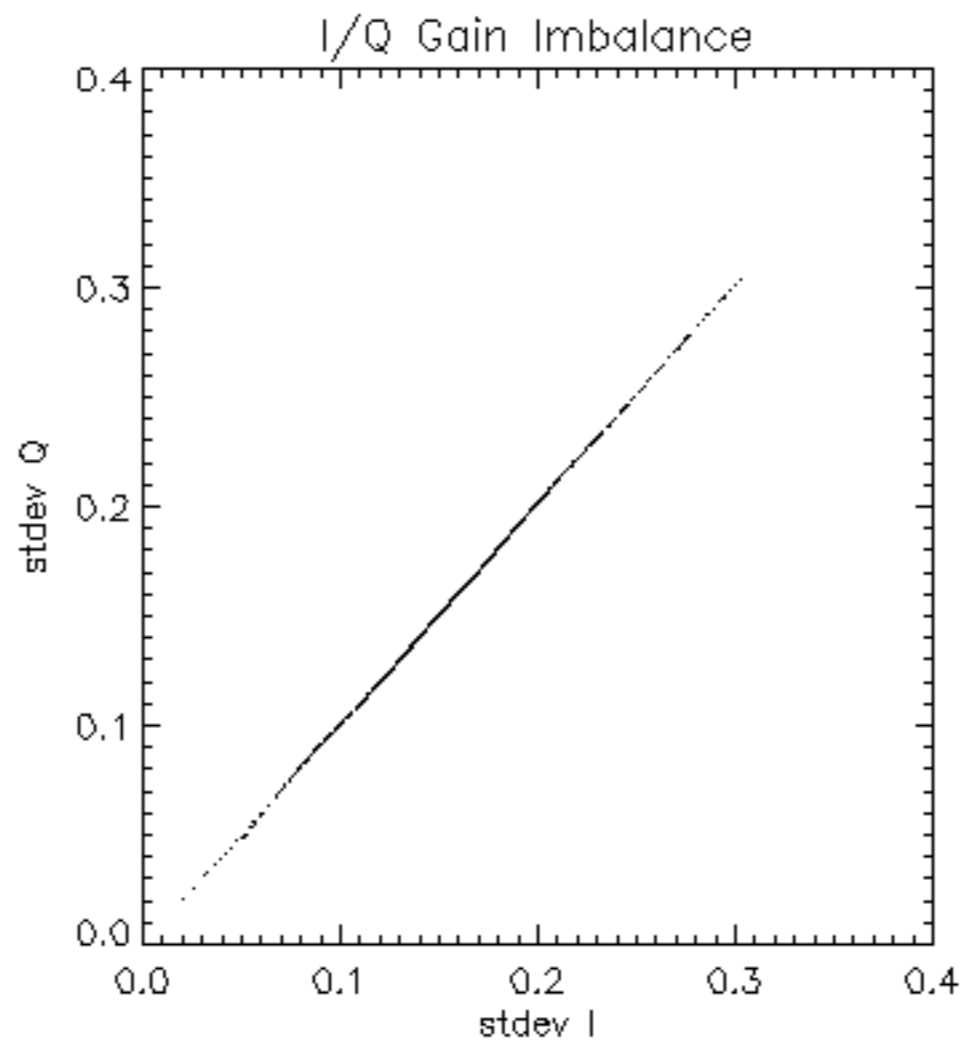


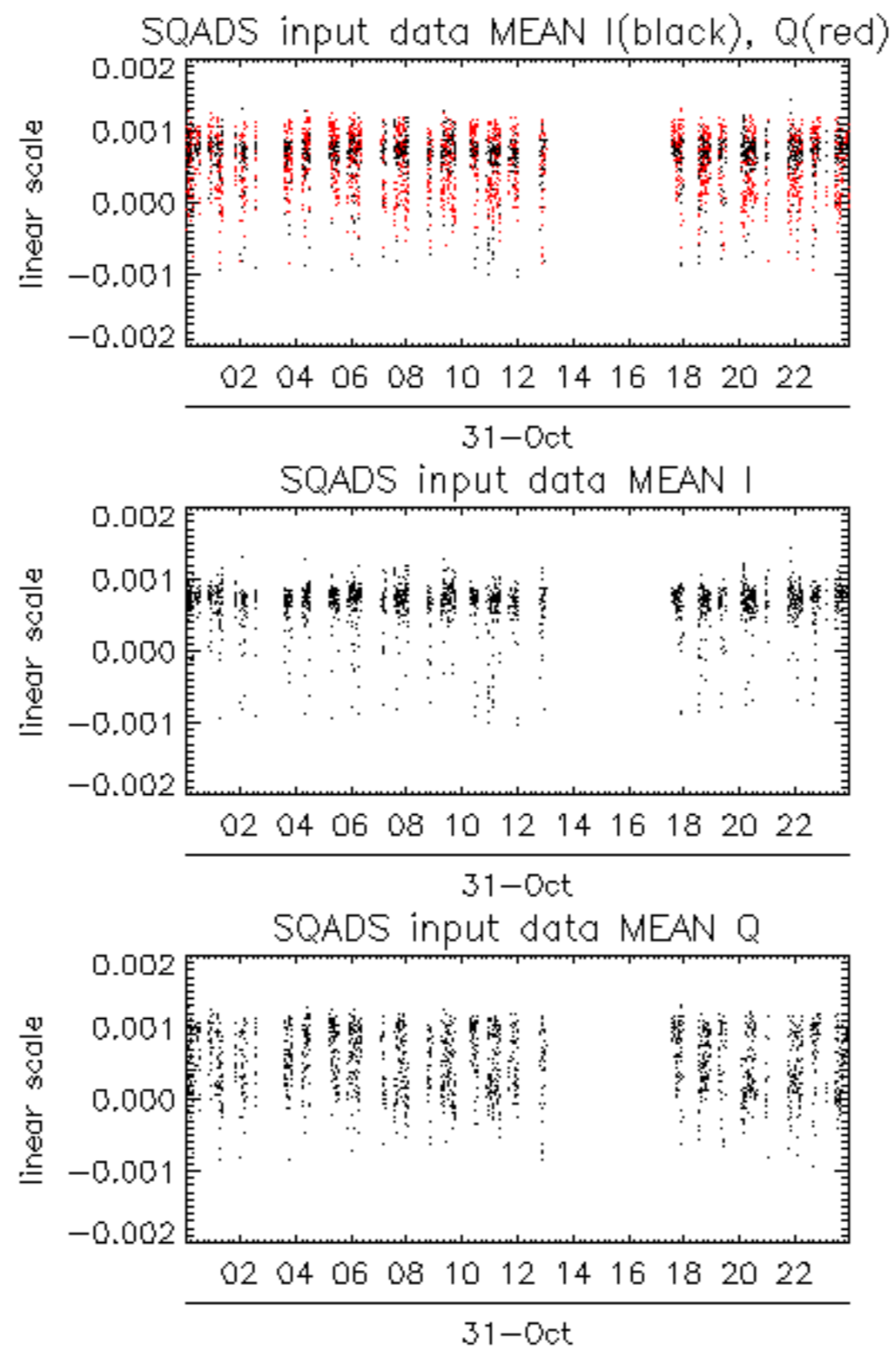
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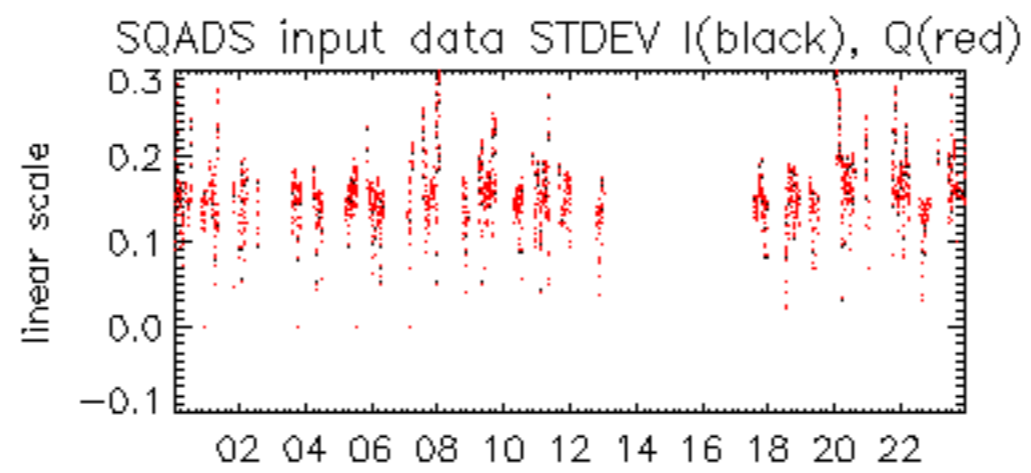


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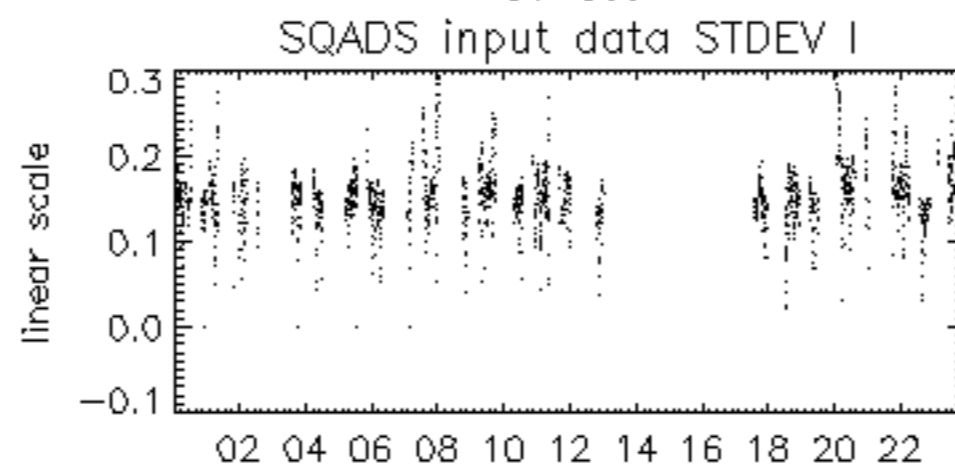




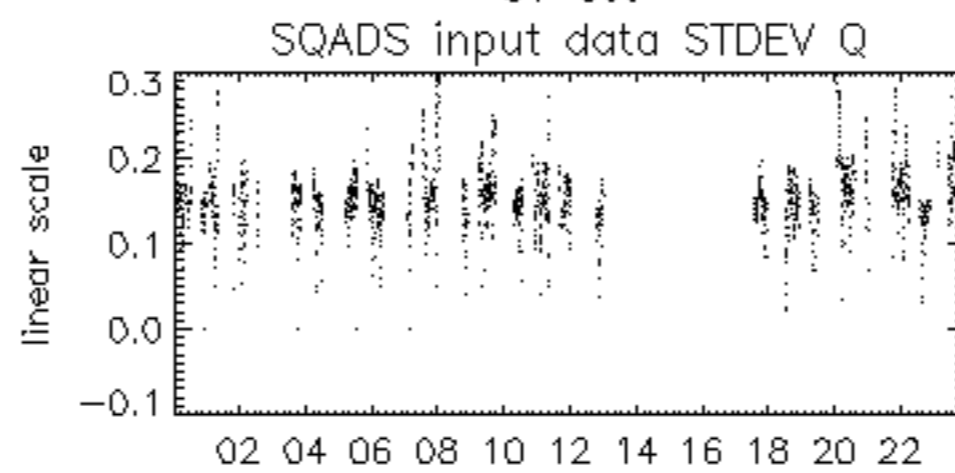




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