



Analysis from 26-OCT-2009 00:00:00 to 26-OCT-2009 23:59:59. Page generated on 27-OCT-2009 08:33:04.  
View log file: ASAR\_Daily\_Report\_20091027\_0831.log. For any anomalies please contact emma.griffiths@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	31	PDE	IS2	H/H	2	PDE	IS2	H/H	12	PDE	WS	H/H	49	PDE	2009-10-26 05:00:21	H	320
PDE	IS2	V/V	21	PDK	WS	H/H	48	PDK	IS6	H/H	1	PDE	IS2	V/V	13	PDE	WS	V/V	2				
PDK	IS1	V/V	1									PDE	IS4	V/V	1	PDK	WS	H/H	13				
PDK	IS2	V/V	21									PDK	IS2	H/H	4	PDK	WS	V/V	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_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

### 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	PREVIOUS PRODUCT REFERENCE
------------------------	----------------------------

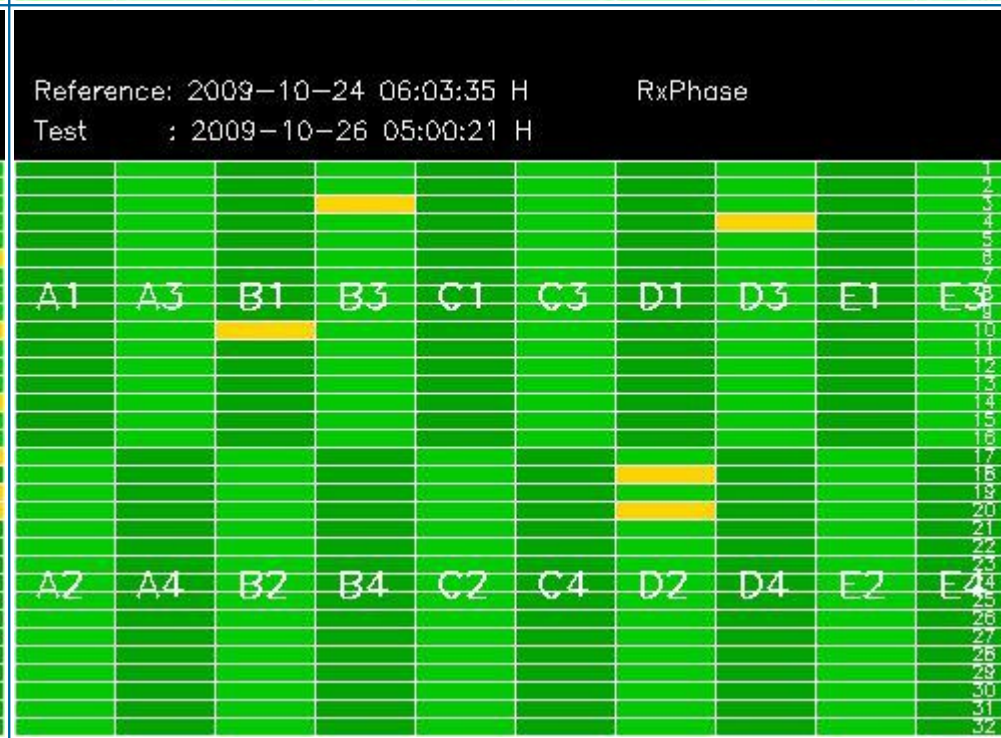
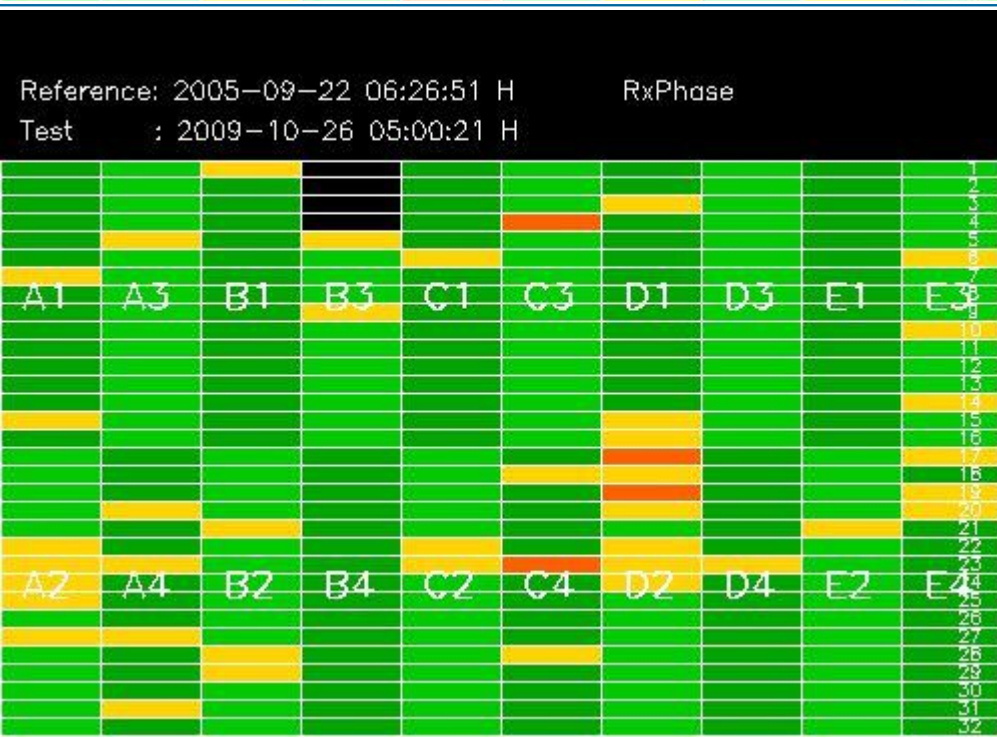
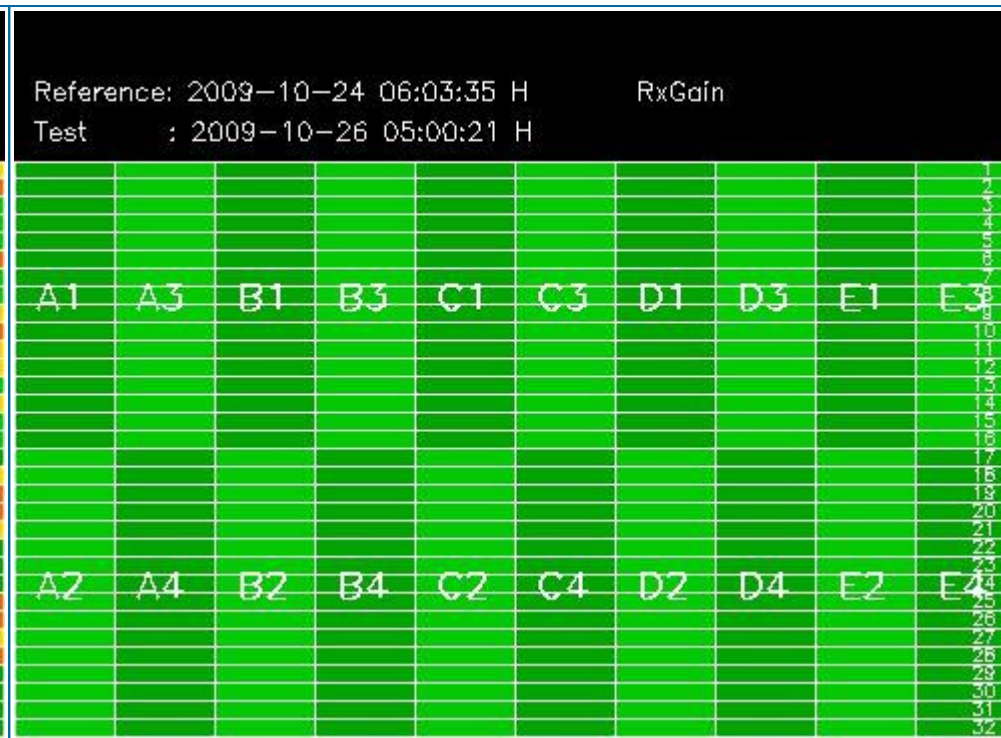


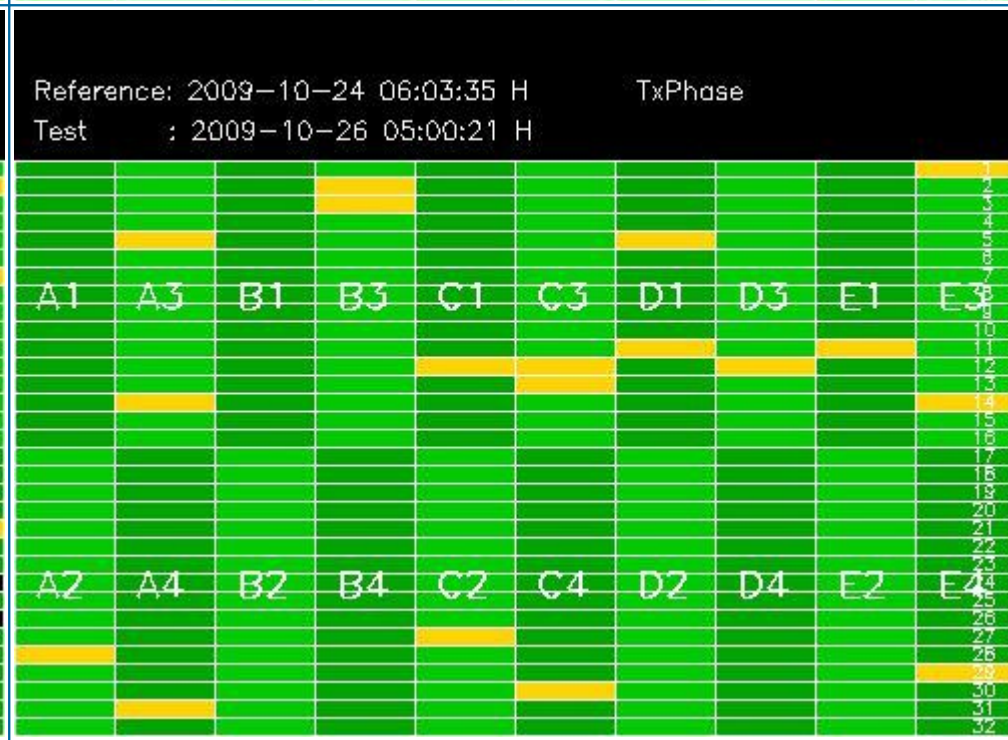
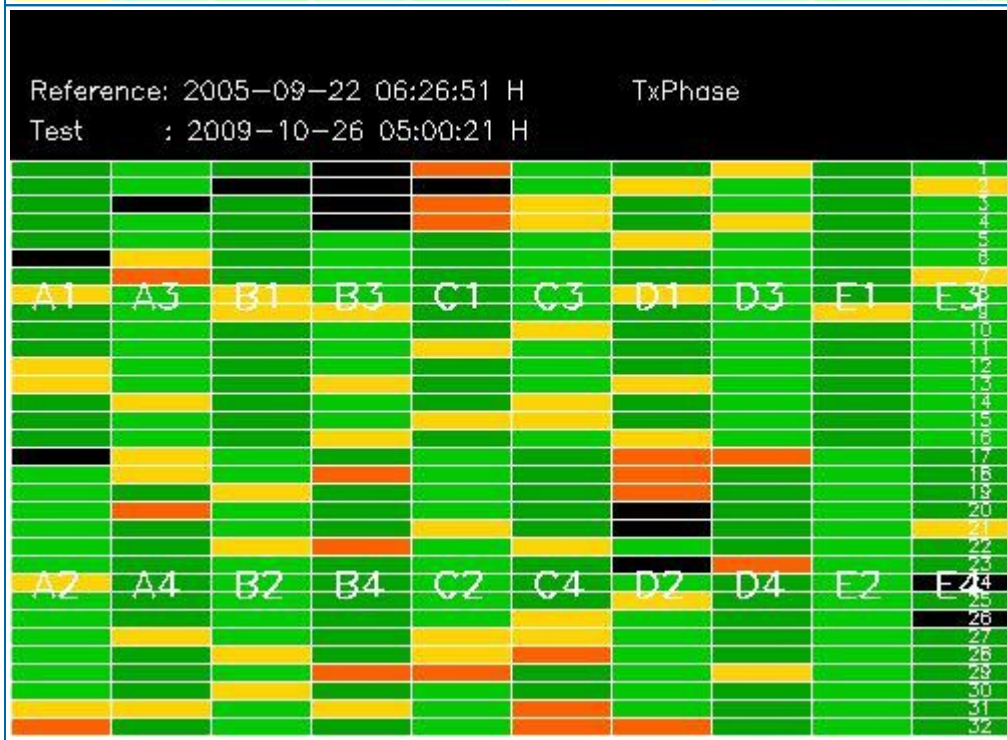
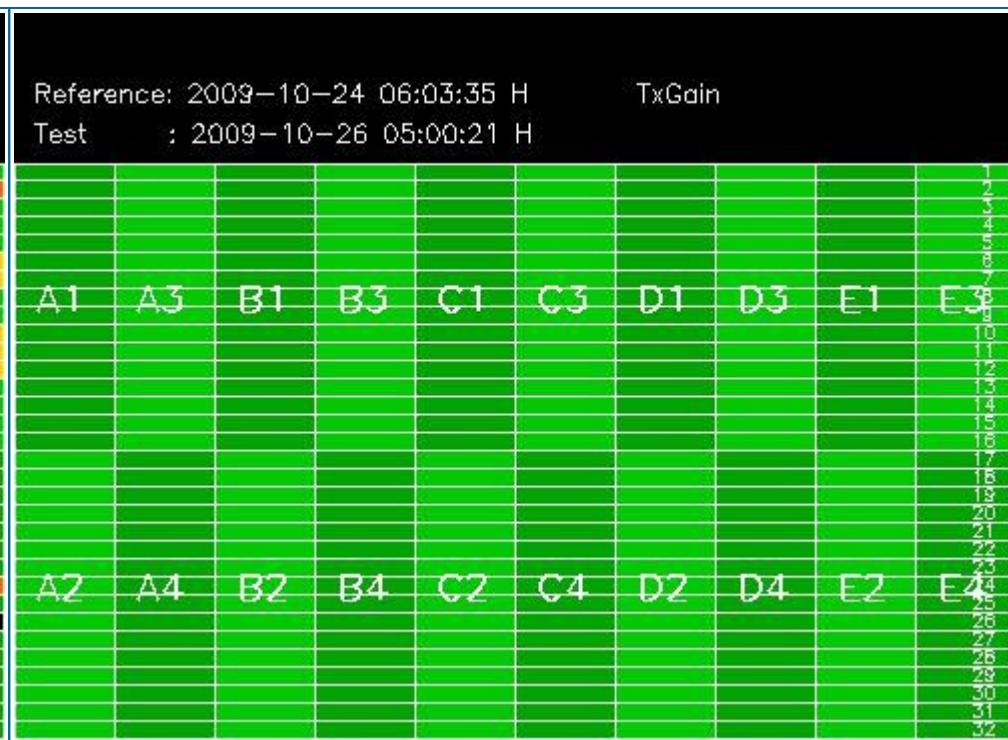
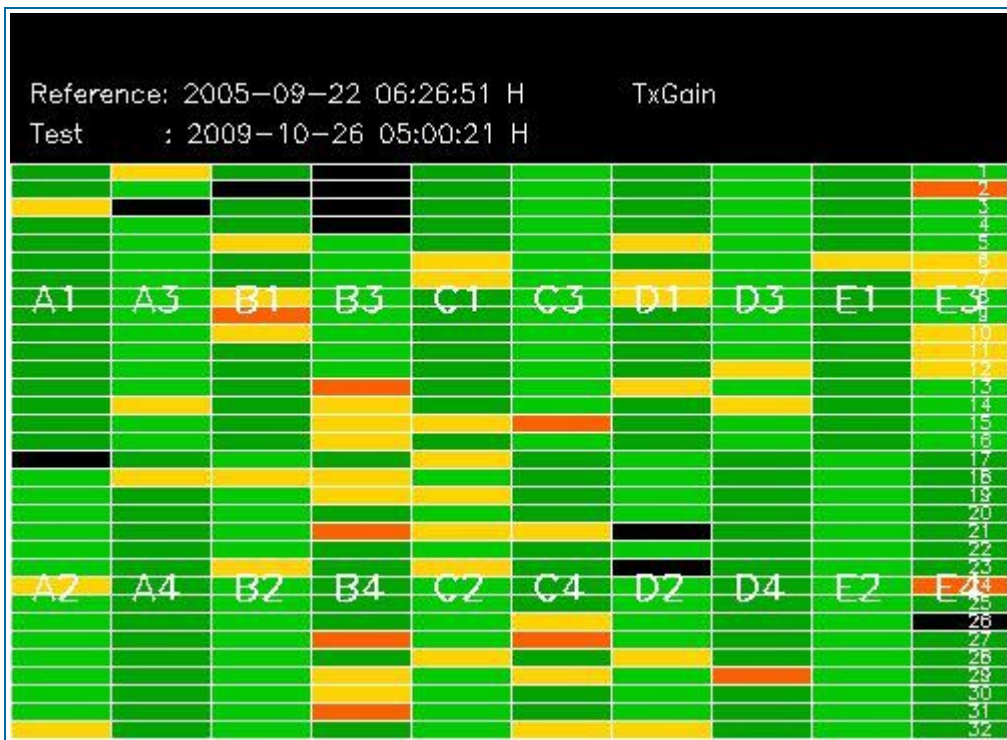


### 3.2 - H/H polarisation

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





#### 4 - CALIBRATION PULSES ANALYSIS

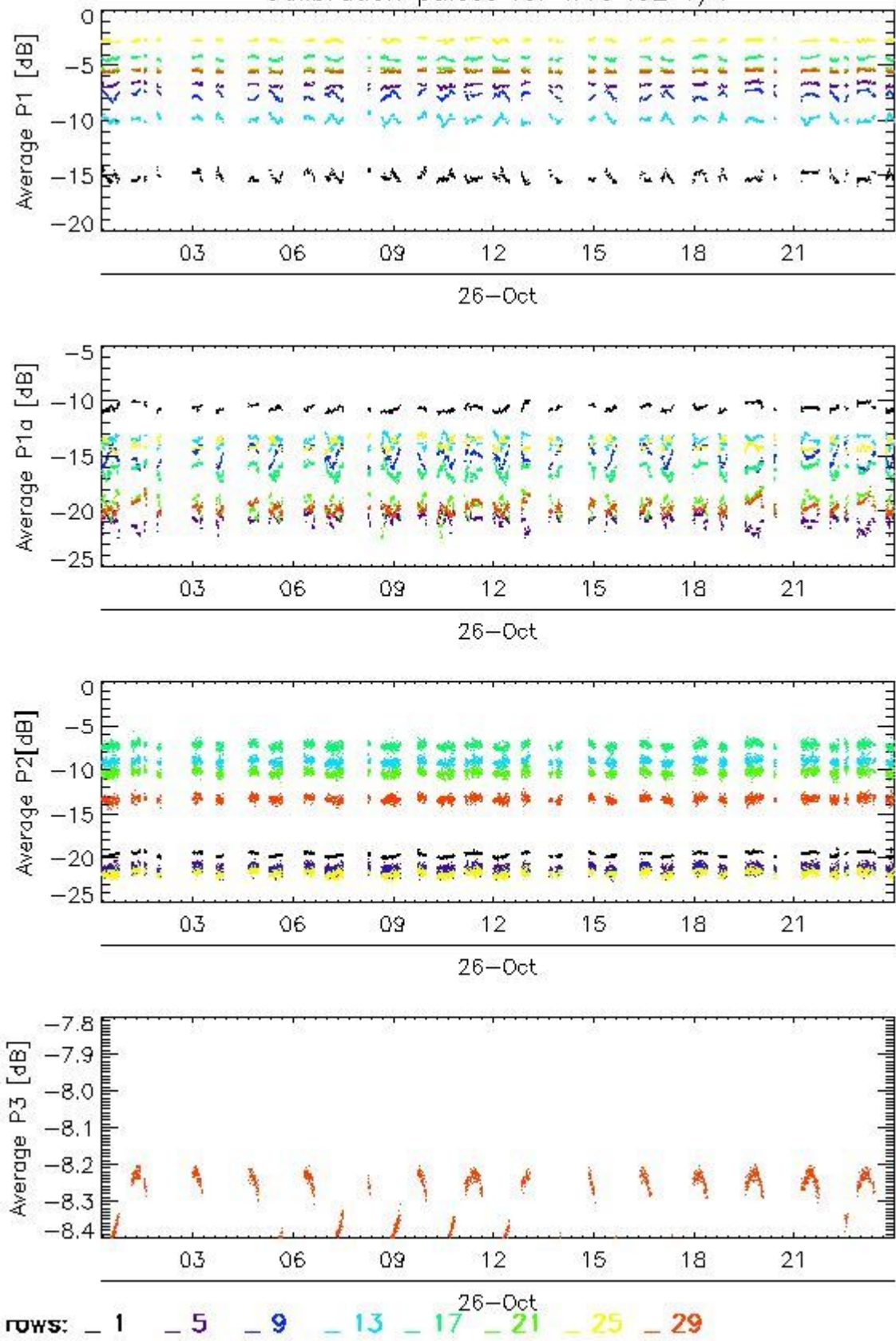
##### 4.1 - Analysis for WVS IS2 V/V

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

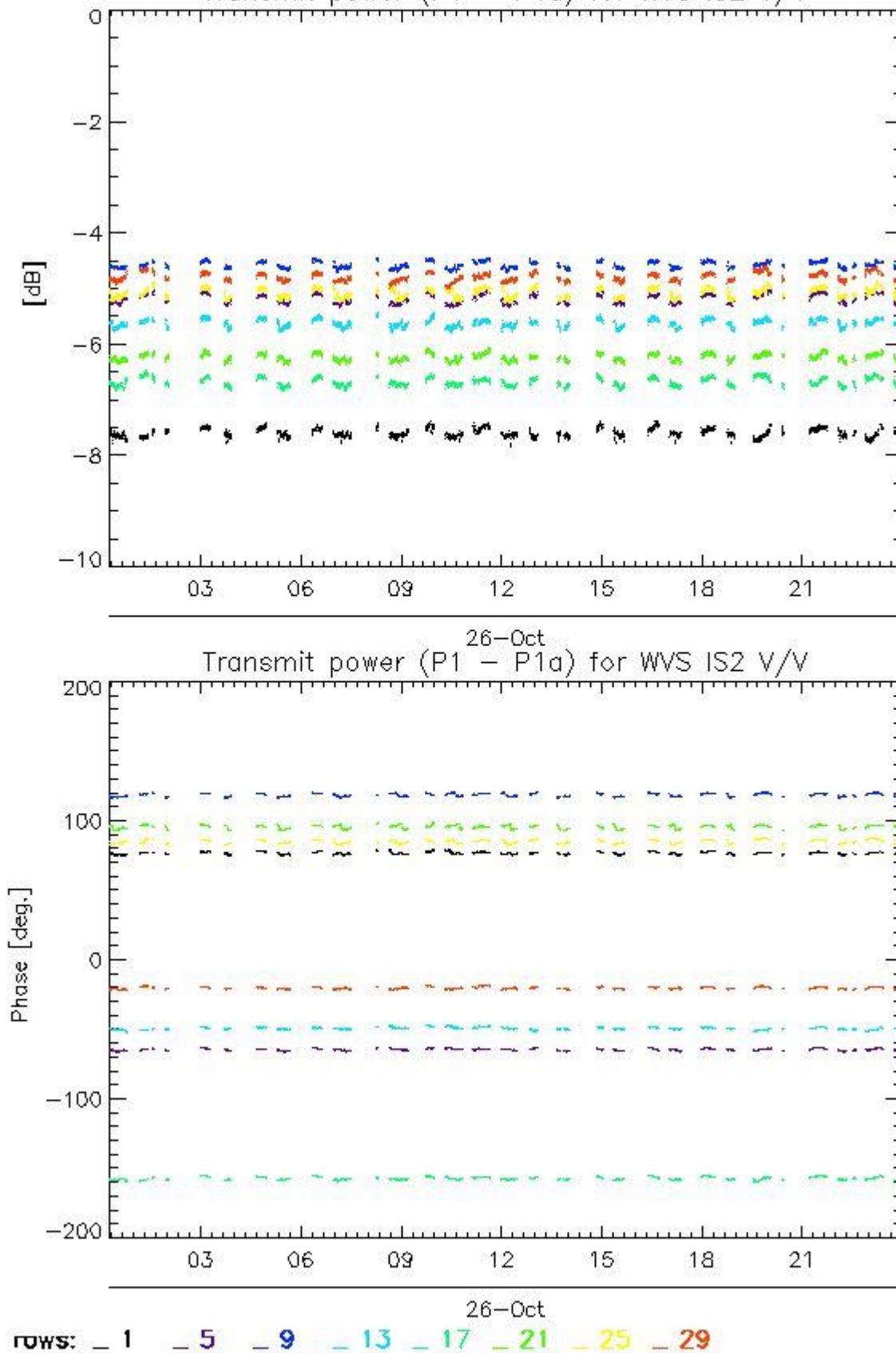
[ BACK TO MENU ]

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]
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Calibration pulses for WVS IS2 V/V



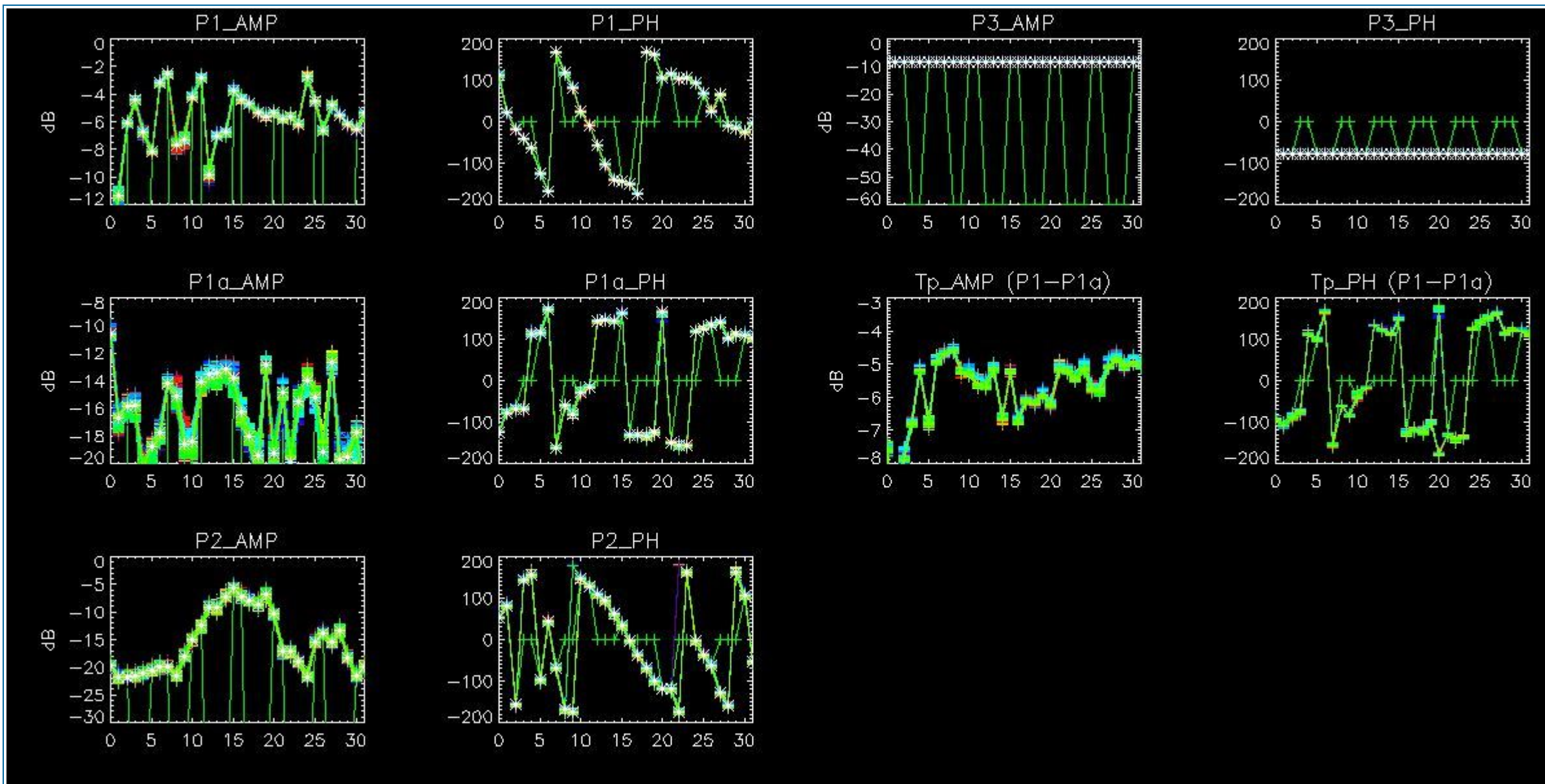
Transmit power (P1 - P1a) for WVS IS2 V/V



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

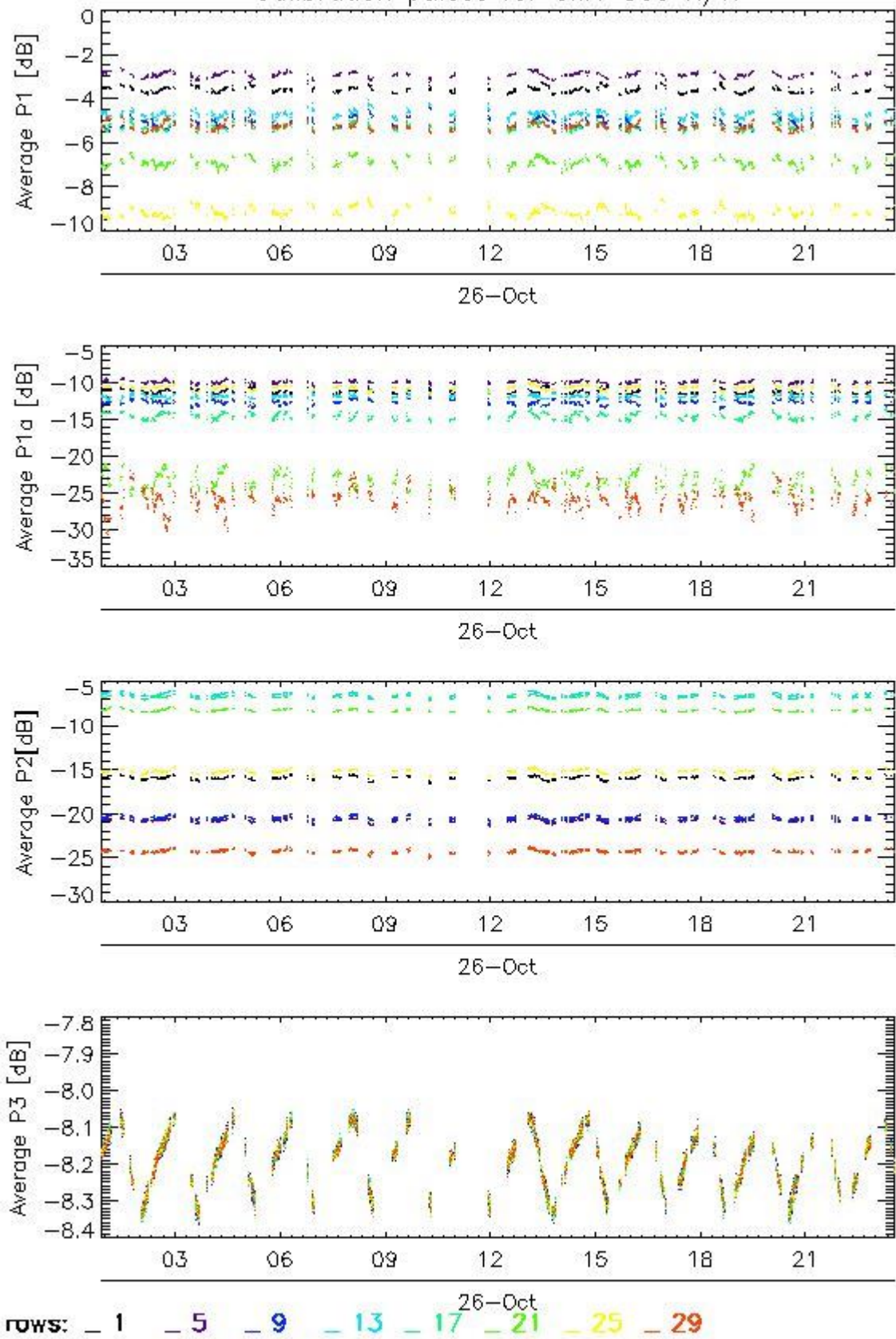
[ BACK TO MENU ]

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

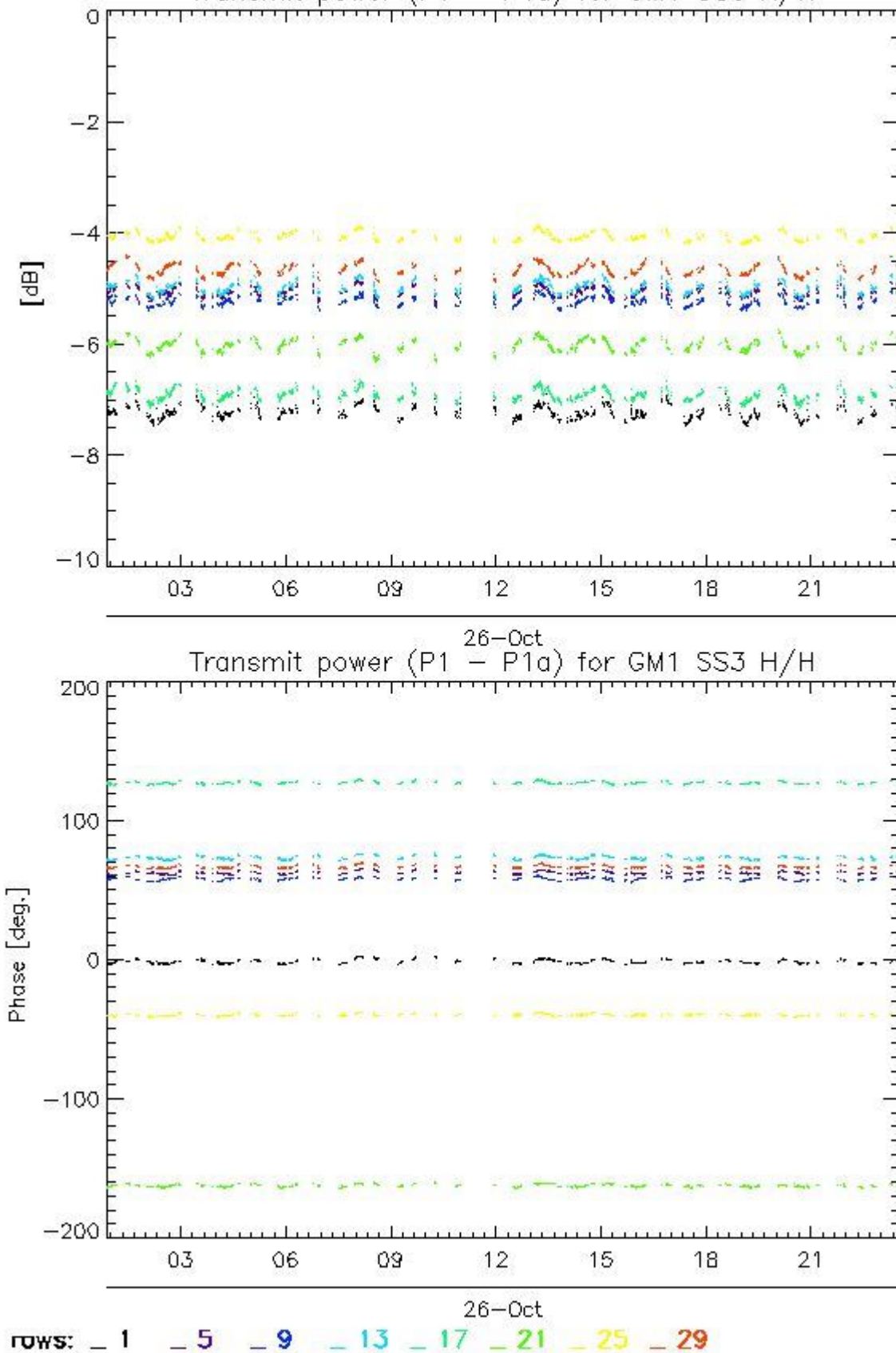
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



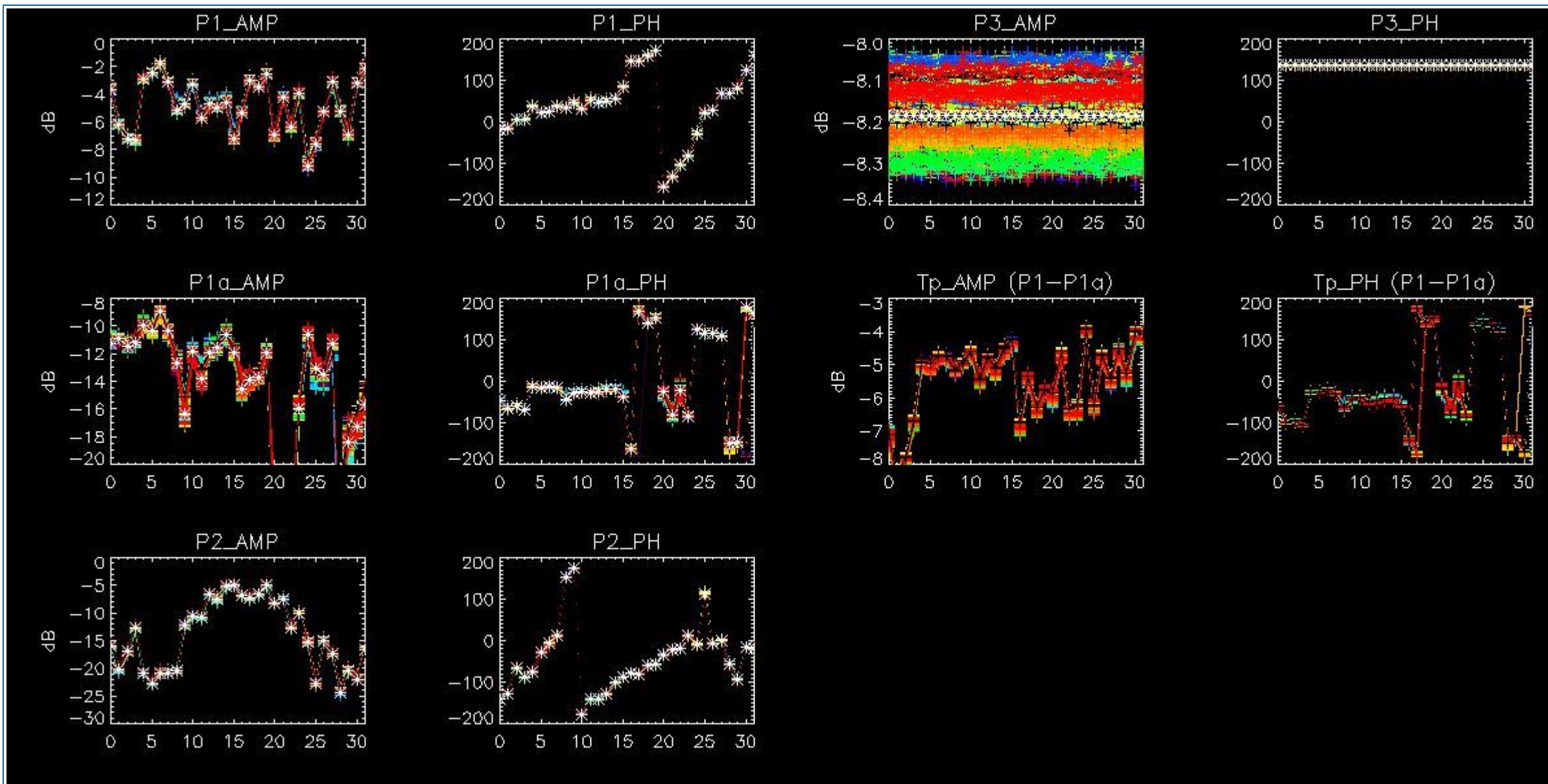
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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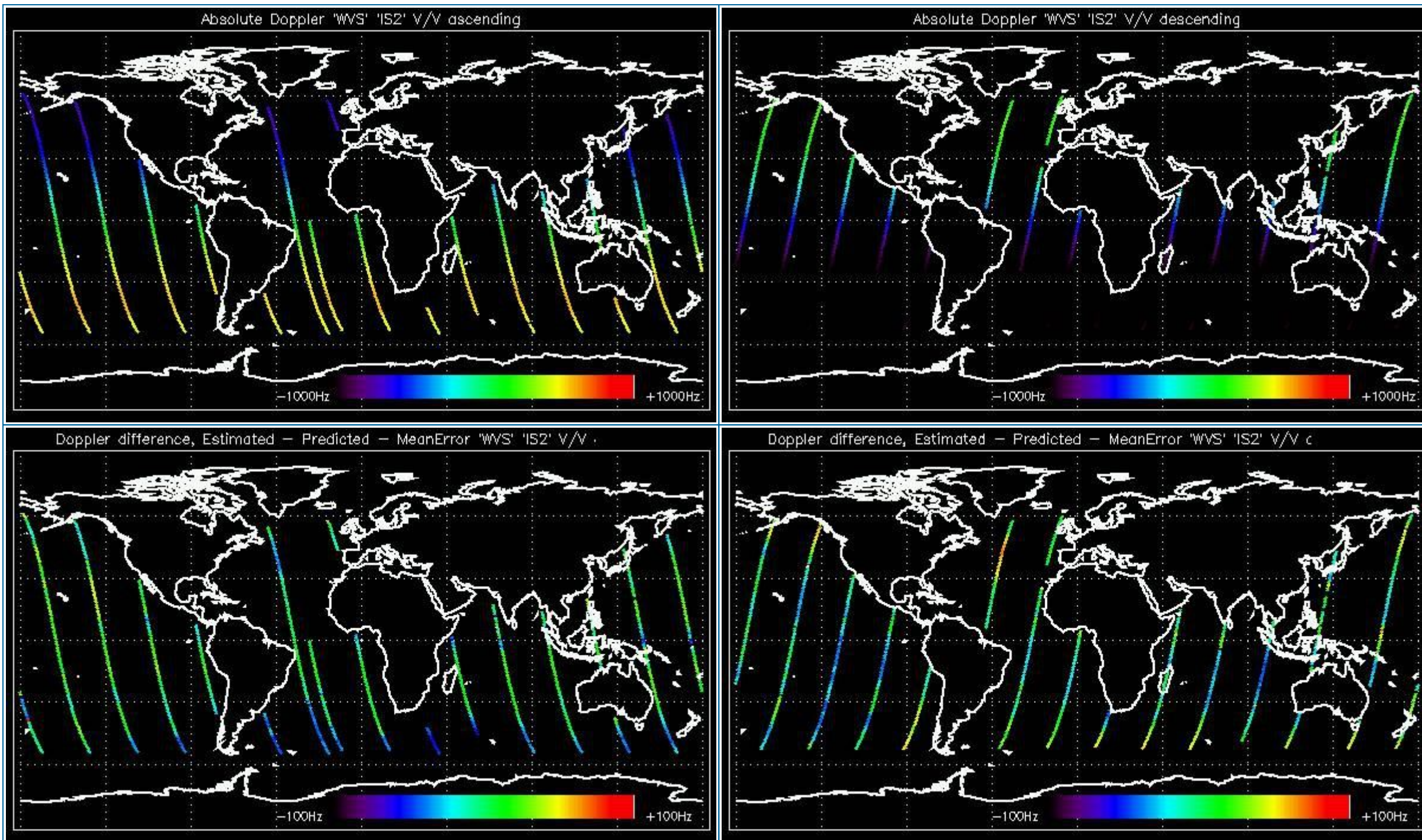
## 5 - DOPPLER ANALYSIS

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

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

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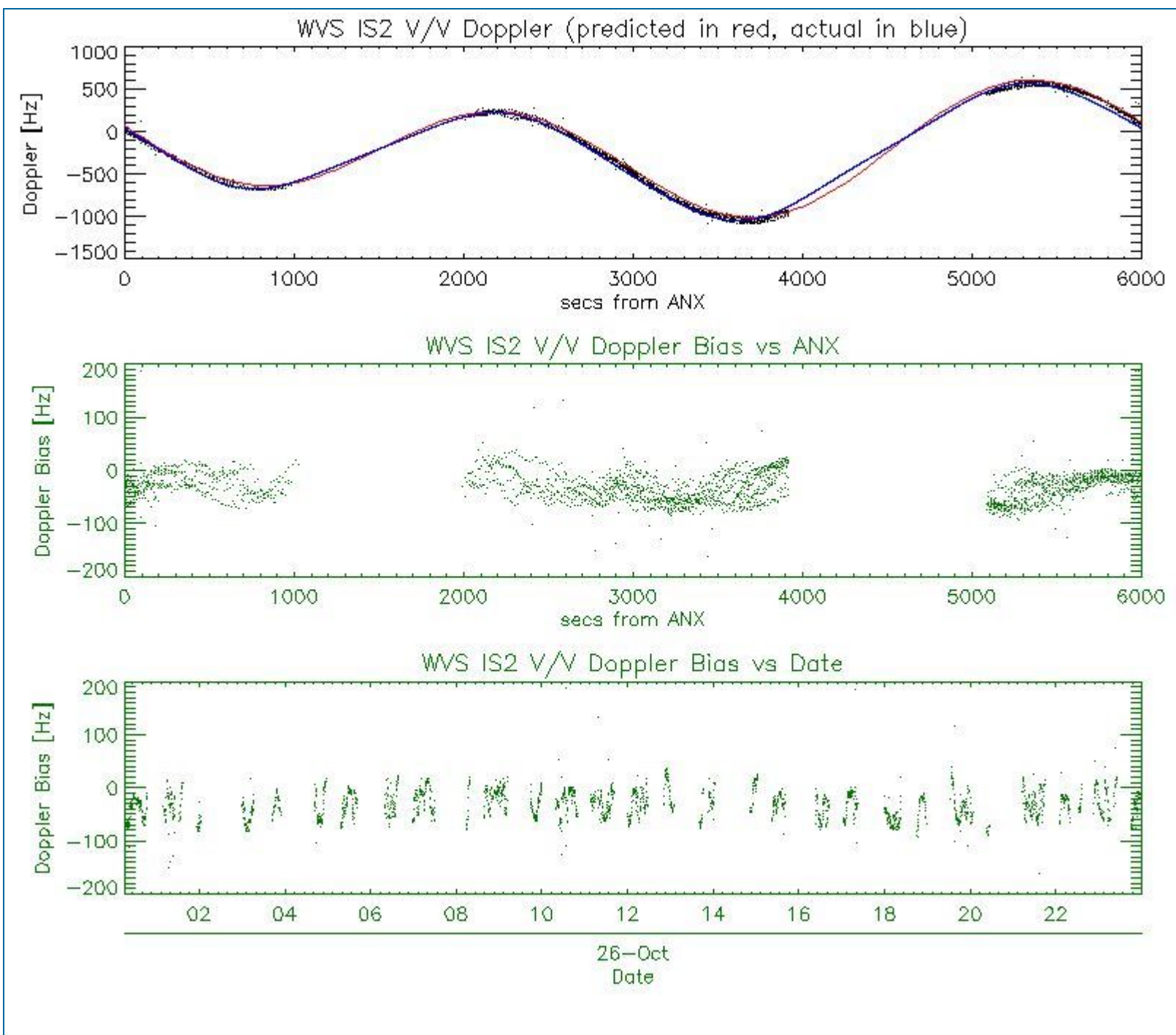




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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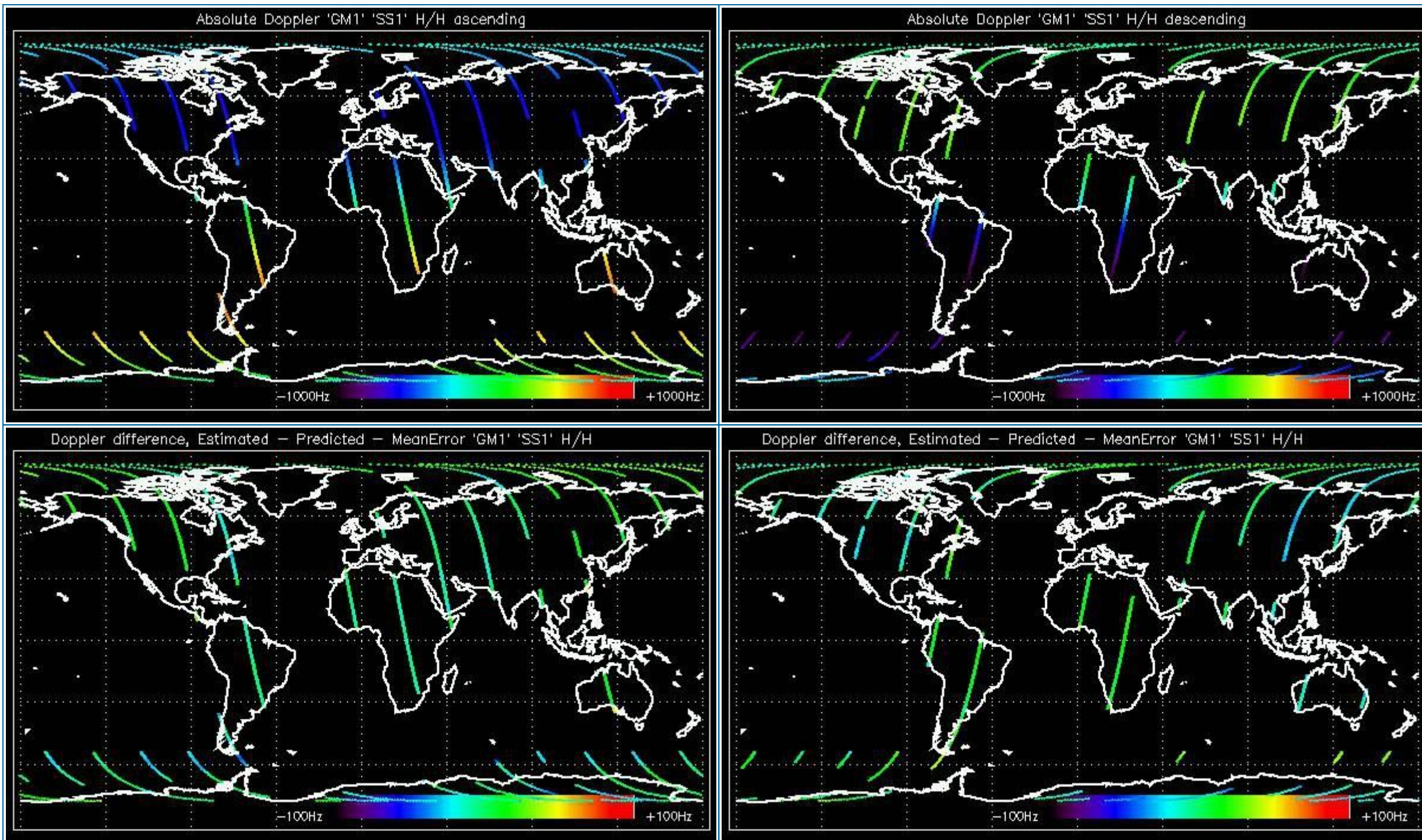


## 5.2 - Analysis for GM1 SS1 H/H

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

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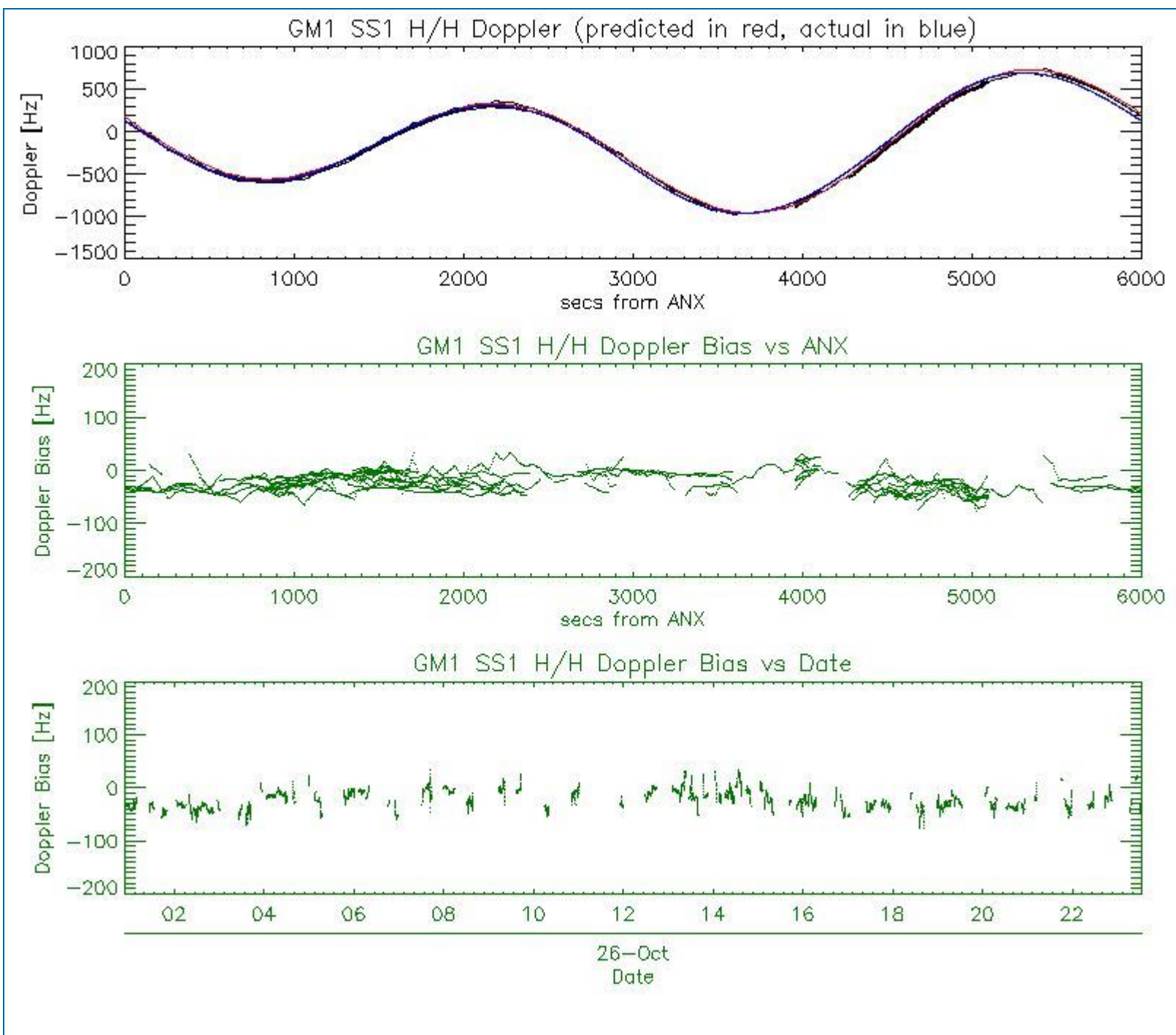




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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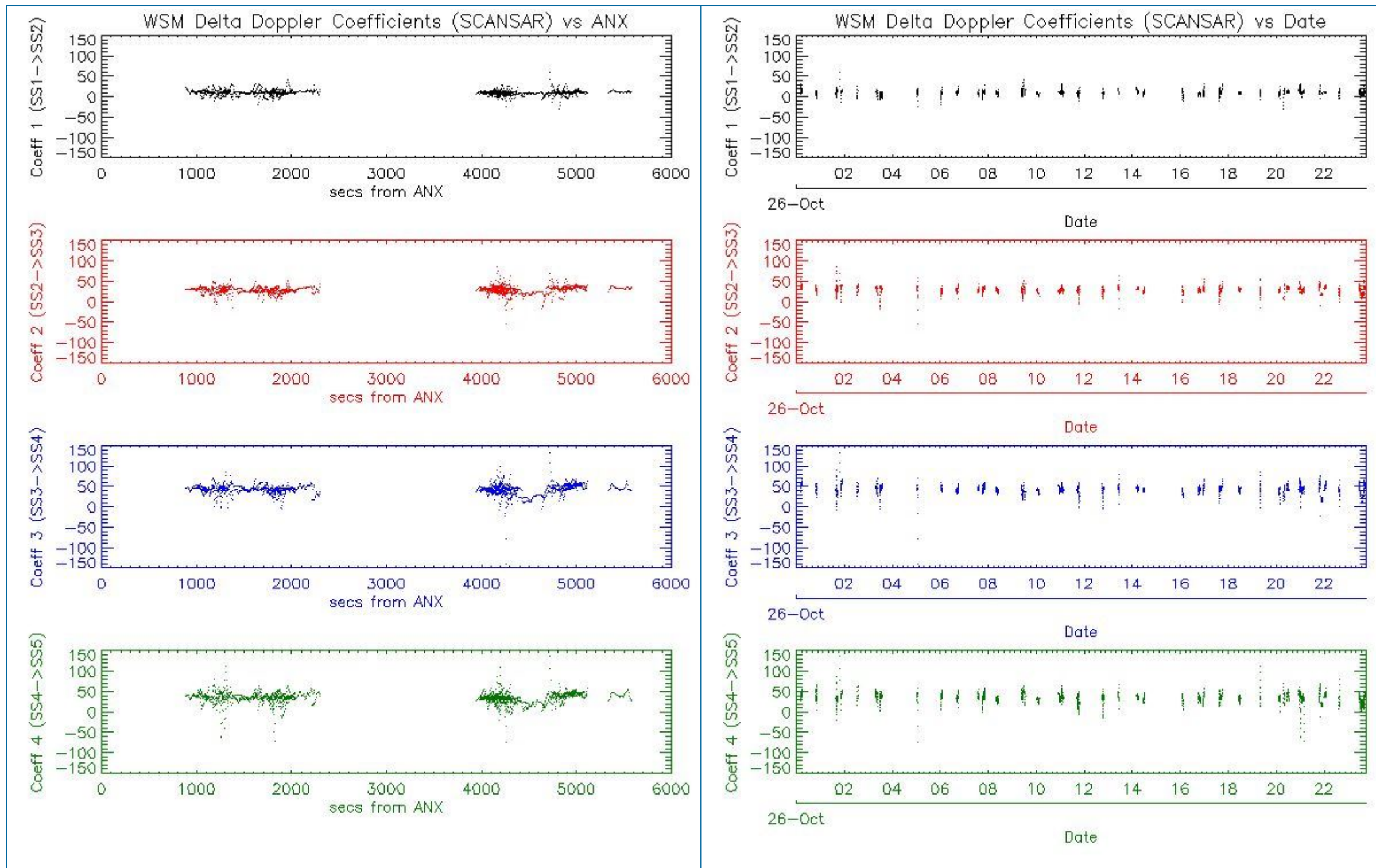




### 5.3 - Doppler JUMPS Analysis for WSM

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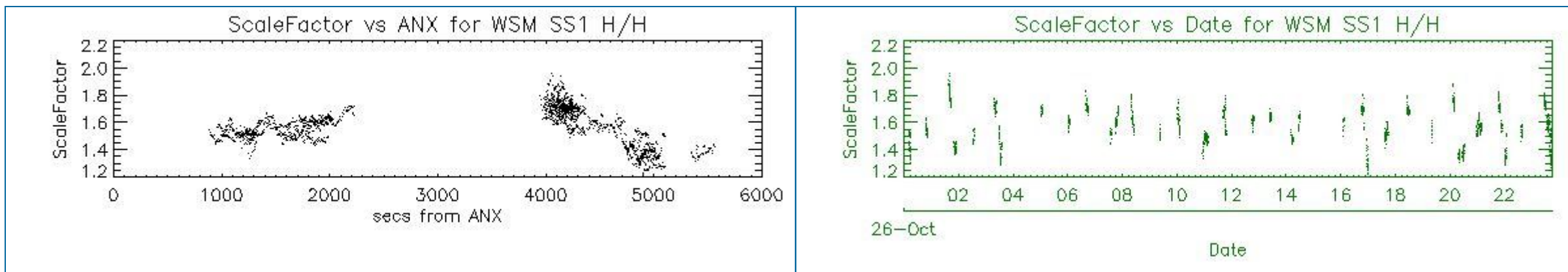
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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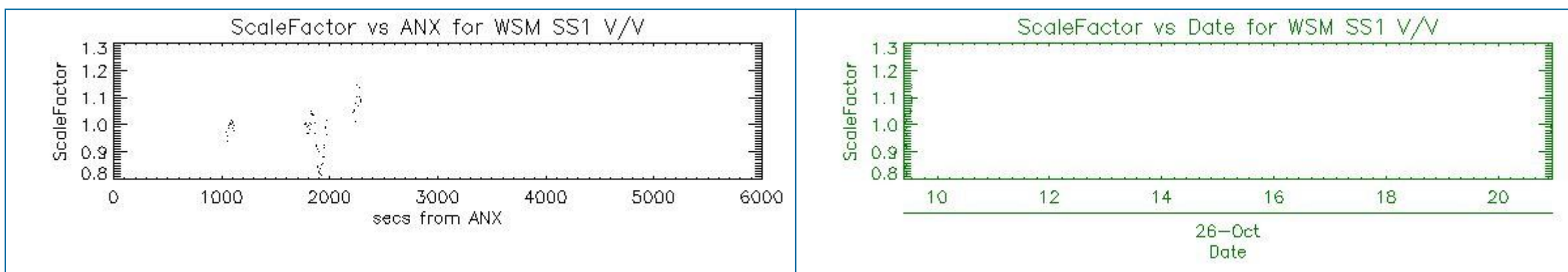




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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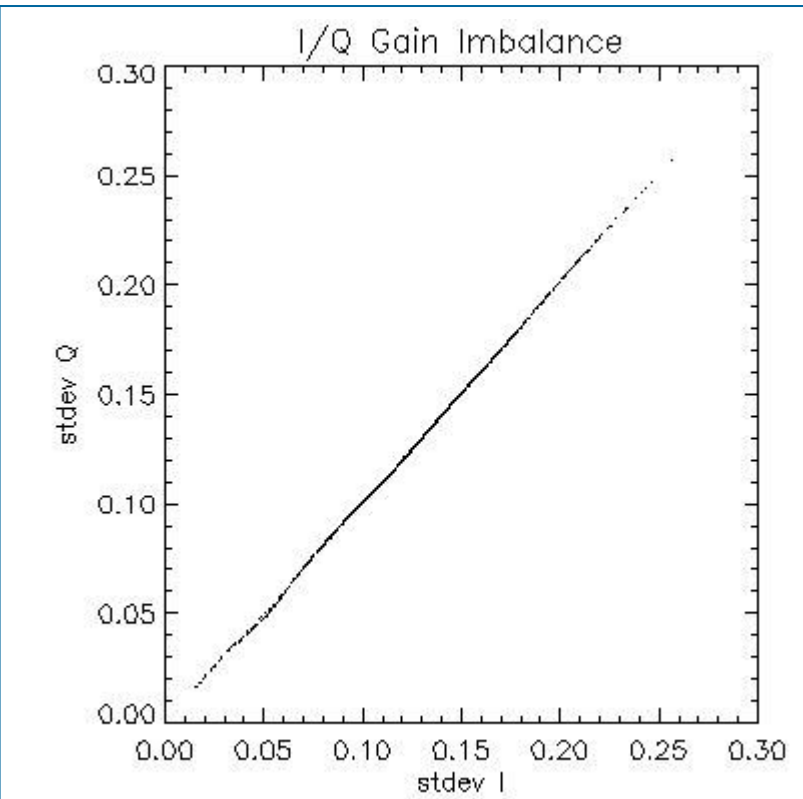
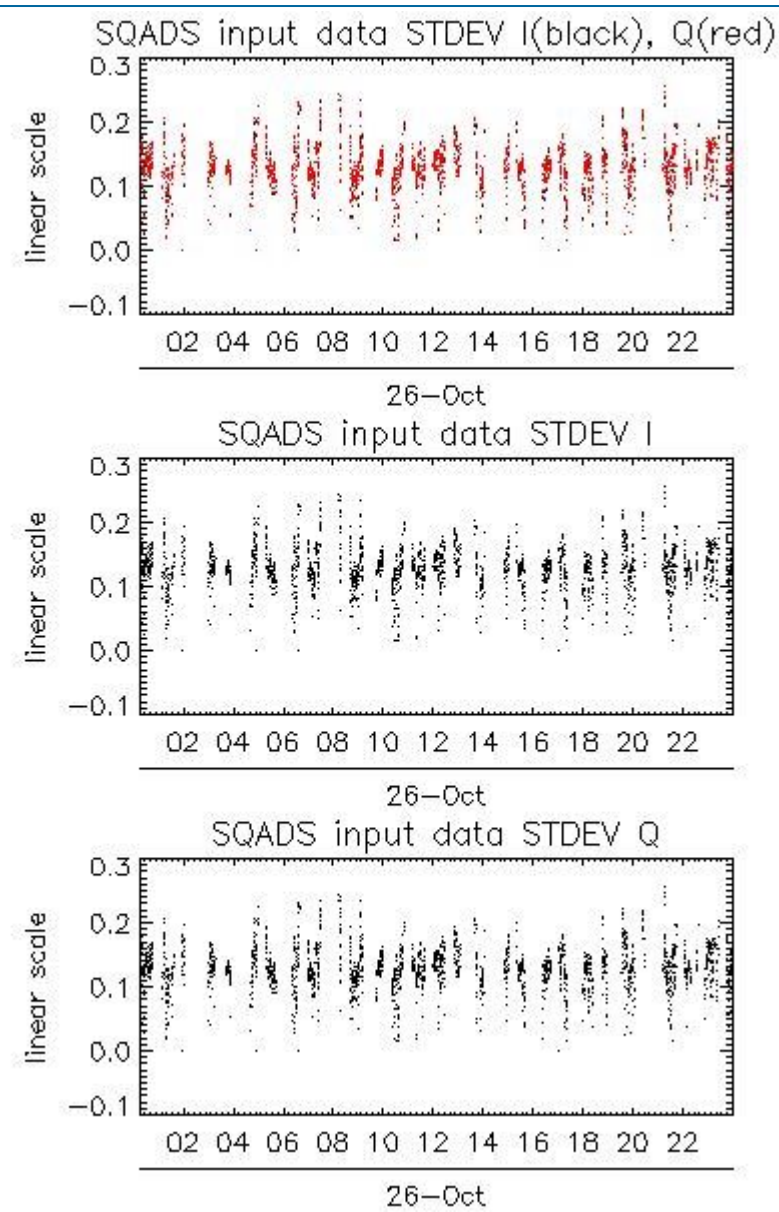
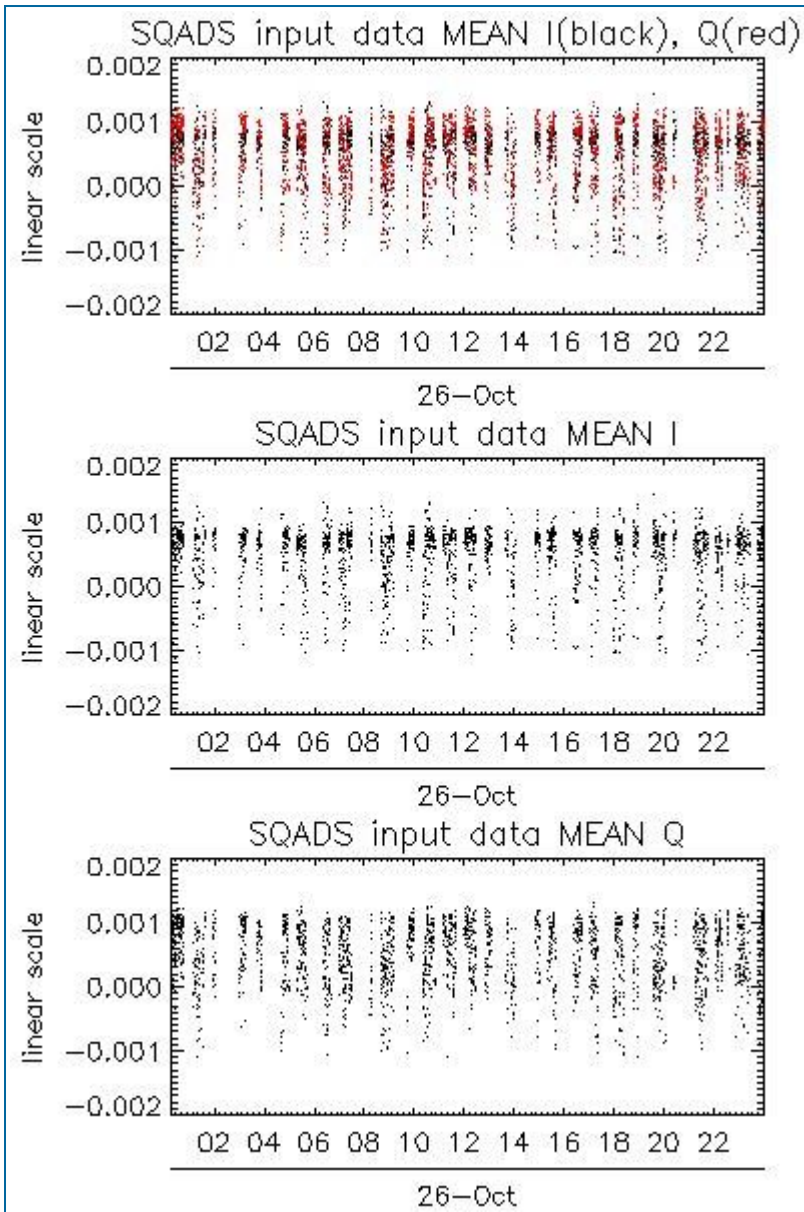
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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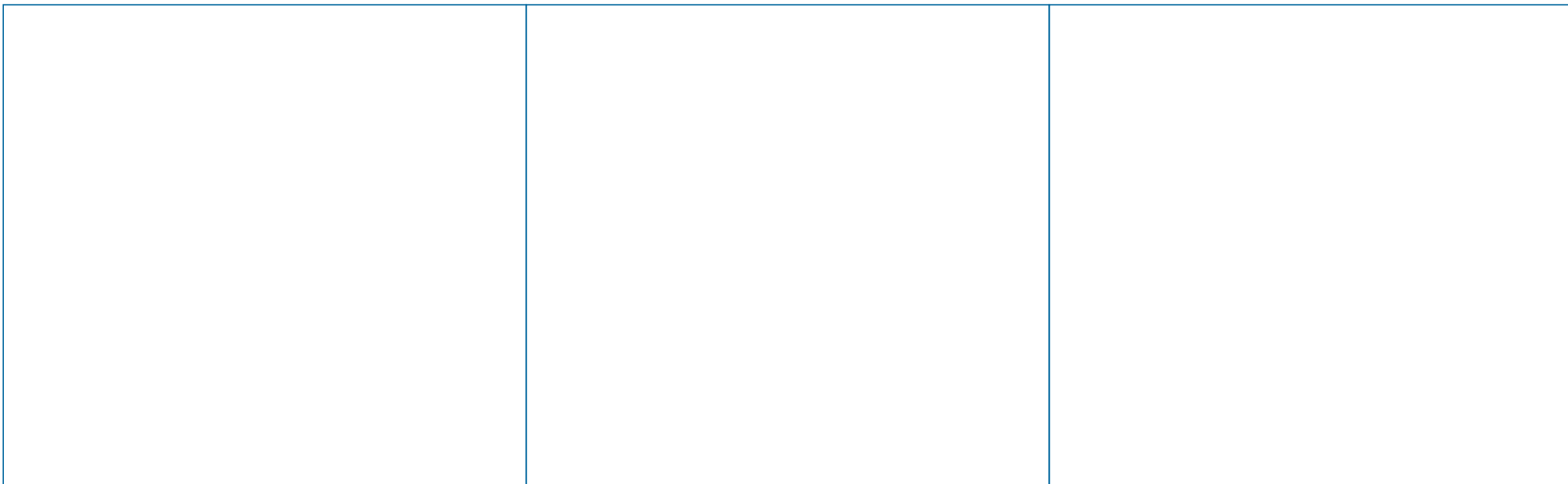


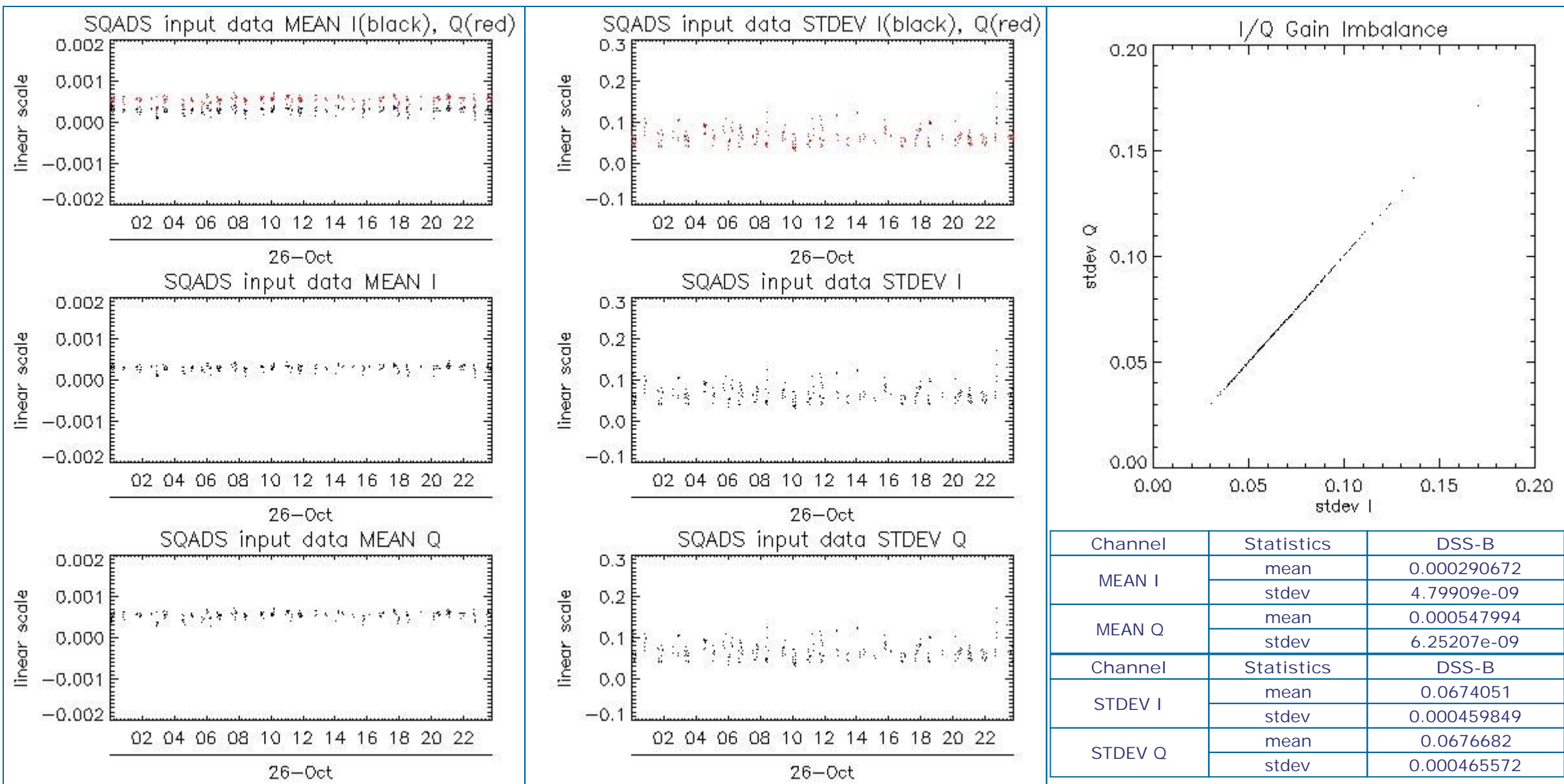


Channel	Statistics	DSS-B
MEAN I	mean	0.000491800
	stdev	2.22554e-07
MEAN Q	mean	0.000501727
	stdev	2.32854e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.128585
	stdev	0.00113543
STDEV Q	mean	0.128875
	stdev	0.00115092

## 7.2 - Analysis for IMM

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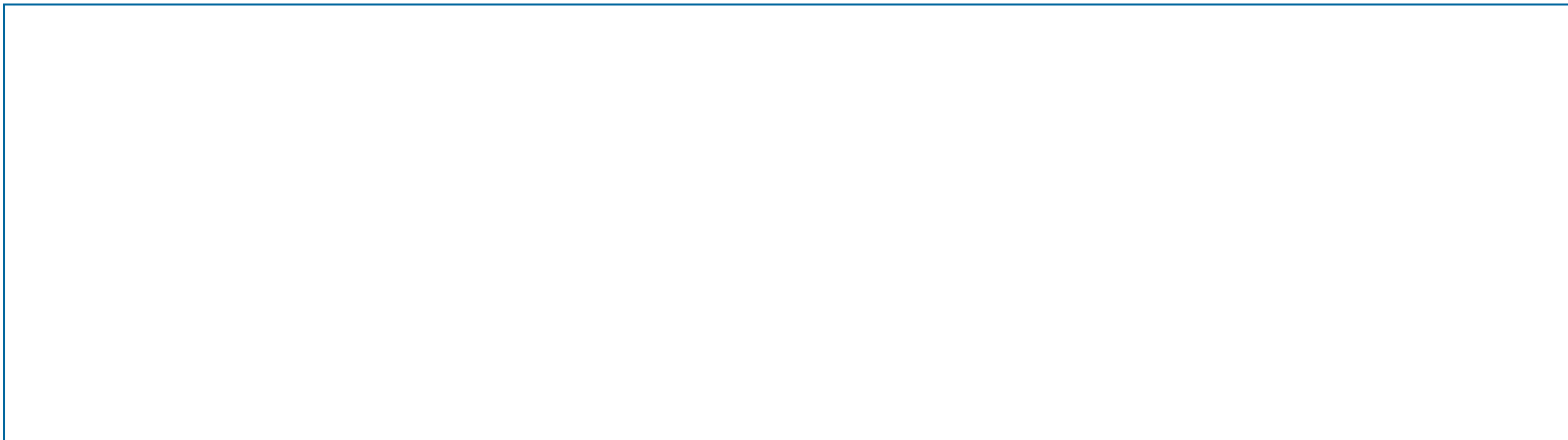


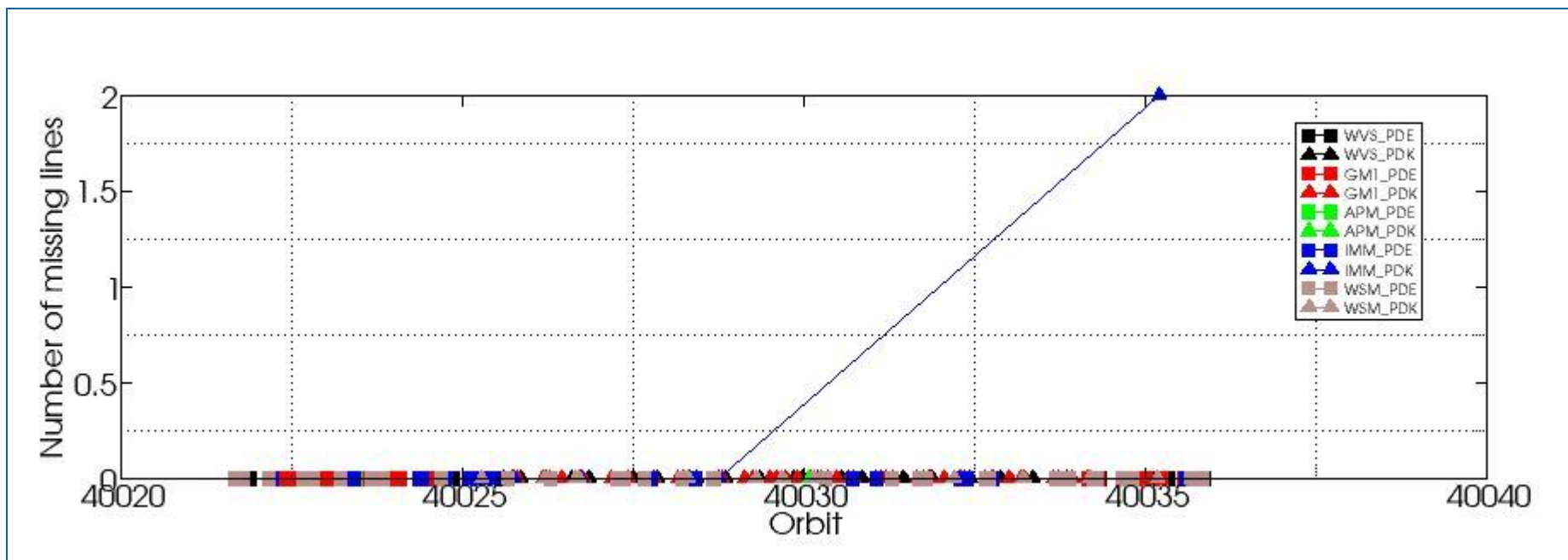
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_IMM_1PNPDK20091026_223950_00002072083_00402_40035_5793.N1	0	2

### 8.1 - Number of Missing lines

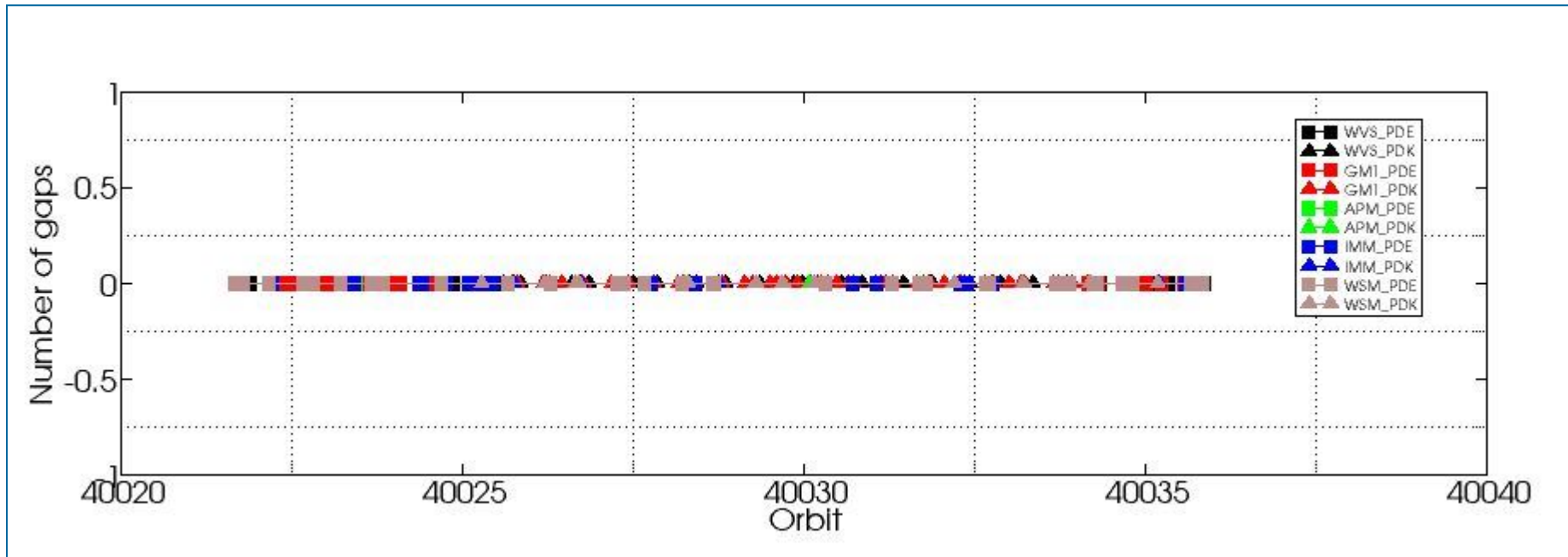
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 091026  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091026/

DATA SUMMARY

#####  
Summary will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091026/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/091026/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091026/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091026/AUXILIARY

Creating directory ./RESULTS/DAILY/091026/AUXILIARY...

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



ADF filter 20091026\*current\_3\_IECF\_ADFs.txt  
 Found list 20091026\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20081215\_141339\_20070204\_165113\_20091231\_000000  
 ASA\_INS\_AXVIEC20090525\_114808\_20090428\_100000\_20091231\_235959  
 ASA\_XCH\_AXVIEC20081215\_143642\_20020301\_000000\_20091231\_000000  
 ASA\_XCA\_AXVIEC20090311\_104501\_20080801\_000000\_20091231\_235959

Writing file ./RESULTS/DAILY/091026/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/091026/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20091026_001600_000003002083_00388_40021_1324.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_002015_000016042083_00388_40021_1361.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_011001_000009752083_00389_40022_1370.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_013206_000002852083_00389_40022_1373.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_015636_000001342083_00389_40022_1376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_015751_000002552083_00389_40022_1440.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_030004_000009892083_00390_40023_1449.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_031634_000000002083_00390_40023_1511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_034245_000007192083_00390_40023_1525.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_044116_000007342083_00391_40024_1522.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_045301_000003152083_00391_40024_1599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_051757_000014092083_00391_40024_1627.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_061947_000008842083_00392_40025_1624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_211253_000018742083_00401_40034_1926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_220415_000001802083_00401_40034_1929.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_220615_000008242083_00401_40034_1965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_223140_000002402083_00402_40035_1970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_225250_000013942083_00402_40035_1977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_232101_000002252083_00402_40035_1982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_234449_000001052083_00402_40035_1985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091026_234534_000017842083_00402_40035_2064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_063417_000002702083_00392_40025_5390.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_065833_000019042083_00392_40025_5395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_081408_000003002083_00393_40026_5453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_083909_000019642083_00393_40026_5435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_094353_000009592083_00394_40027_5483.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_101945_000017842083_00394_40027_5490.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_110850_000003902083_00395_40028_5542.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_111834_000013192083_00395_40028_5545.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_120020_000016642083_00395_40028_5552.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_125005_000008692083_00396_40029_5592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_134056_000002852083_00396_40029_5597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_135236_000005542083_00396_40029_5606.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_145037_000006742083_00397_40030_5644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_152132_000011542083_00397_40030_5651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_162310_000011542083_00398_40031_5670.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_170208_000000742083_00398_40031_5673.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_170338_000011242083_00398_40031_5678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_175916_000014242083_00399_40032_5716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_184518_000007942083_00399_40032_5719.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_193240_000018592083_00400_40033_5745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091026_202311_000002102083_00400_40033_5752.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_GM1.xls...



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ASA_GM1_1PNPDK20091026_172306_000008152083_00399_40032_5680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_174449_000001022083_00399_40032_5703.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_174720_000002532083_00399_40032_5705.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_175247_000002532083_00399_40032_5707.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_182342_00000902083_00399_40032_5711.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_183217_000001082083_00399_40032_5709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_183547_000003502083_00399_40032_5713.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_185922_000010502083_00400_40033_5729.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_191537_000002232083_00400_40033_5736.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_192127_000006702083_00400_40033_5738.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_200417_000001442083_00400_40033_5740.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_201025_000004892083_00400_40033_5742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_203128_000009782083_00400_40033_5760.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091026_205248_000001692083_00401_40034_5754.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20091026_025203_000000432083_00390_40023_1421.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091026_025638_000000432083_00390_40023_1425.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20091026_140428_000000432083_00397_40030_5610.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20091026_000152_000004222083_00388_40021_1358.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_000152_000004422083_00388_40021_1380.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_005240_000000512083_00389_40022_1384.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_025311_000002042083_00390_40023_1455.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_032417_000000922083_00390_40023_1473.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_043025_000000632083_00391_40024_1537.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_043025_000004662083_00391_40024_1603.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_043329_000001782083_00391_40024_1566.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_050511_000000922083_00391_40024_1572.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_050848_000000862083_00391_40024_1576.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_054218_000001952083_00392_40025_1607.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_055305_000000462083_00392_40025_1609.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_061323_000001382083_00392_40025_1605.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_061713_000000542083_00392_40025_1586.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_100824_000001622083_00394_40027_1745.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_101039_000002272083_00394_40027_1751.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_111559_000001482083_00395_40028_1769.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_111703_000000592083_00395_40028_1736.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_150651_000000912083_00397_40030_1829.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_154350_000004092083_00398_40031_1789.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_174630_000000392083_00399_40032_1835.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_175129_000000692083_00399_40032_1847.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_175702_000001292083_00399_40032_1857.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_183129_000000342083_00399_40032_1855.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_183404_000000922083_00399_40032_1841.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091026_231916_000000372083_00402_40035_1989.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091026_064744_000003702083_00392_40025_5428.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091026_082609_000002322083_00393_40026_5478.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091026_114929_000003722083_00395_40028_5571.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091026_223950_000002072083_00402_40035_5793.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/091026/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20091026_001008_000003302083_00388_40021_1527.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_004737_000002992083_00389_40022_1496.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_013845_000002692083_00389_40022_1423.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_015020_000003302083_00389_40022_1560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_015134_000000612083_00389_40022_1411.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_015330_000001392083_00389_40022_1482.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_023256_000000912083_00390_40023_1478.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_031845_000002692083_00390_40023_1480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_032937_000001902083_00390_40023_1574.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_032937_000003302083_00390_40023_1641.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_033449_000000182083_00390_40023_1508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_050157_000001292083_00391_40024_1558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_064002_000003302083_00392_40025_1646.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_074406_000004532083_00393_40026_1676.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_092136_000001152083_00394_40027_1698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_092414_000002262083_00394_40027_1696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_093143_000000922083_00394_40027_1690.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_100107_000003912083_00394_40027_1722.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_105612_000000912083_00395_40028_1753.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_114153_000000732083_00395_40028_1755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_114153_000003912083_00395_40028_1773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_114503_000002012083_00395_40028_1771.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_142742_000001712083_00397_40030_1823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_160528_000001102083_00398_40031_1843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_164527_000002502083_00398_40031_1845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_164527_000003302083_00398_40031_1871.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_165039_000000182083_00398_40031_1819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_165706_000002142083_00398_40031_1821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_182518_000001902083_00399_40032_1873.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_182518_000003302083_00399_40032_1877.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_182929_000000782083_00399_40032_1874.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_200649_000000732083_00400_40033_1879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_200649_000002132083_00400_40033_1907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_200903_000000792083_00400_40033_1903.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_201841_000002072083_00400_40033_1905.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_202721_000002452083_00400_40033_1909.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_210303_000002142083_00401_40034_2077.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_210653_000001902083_00401_40034_1994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_214624_000002072083_00401_40034_1962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_214933_000000182083_00401_40034_1958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_215258_000001032083_00401_40034_1934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_215944_000002742083_00401_40034_1960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_232710_000000732083_00402_40035_1996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_232710_000002142083_00402_40035_2109.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_233020_000000242083_00402_40035_2002.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_233246_000001902083_00402_40035_2093.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_233246_000004222083_00402_40035_2111.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_233657_000001712083_00402_40035_2094.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_234018_000002692083_00402_40035_2073.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091026_234429_000000182083_00402_40035_2034.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_060101_000003122083_00392_40025_5537.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_073403_000001472083_00393_40026_5430.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_081954_000002142083_00393_40026_5514.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_082356_000000922083_00393_40026_5512.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_110052_000001712083_00395_40028_5535.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_110422_000002512083_00395_40028_5539.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_124503_000002992083_00396_40029_5583.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_132430_000002142083_00396_40029_5631.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_141118_000002512083_00397_40030_5633.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_173644_000004822083_00399_40032_5701.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_191922_000001222083_00400_40033_5734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091026_205618_000000912083_00401_40034_5775.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK





ASA\_WSM\_1PNPDK20091026\_205829\_000003122083\_00401\_40034\_5777.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20091026\_223621\_000001892083\_00402\_40035\_5795.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
 Results will be exported to the directory: ./RESULTS/DAILY/091026/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/091026/MODULE\_STEPPING...  
 Creating directory ./RESULTS/DAILY/091026/MODULE\_STEPPING/FIRST\_REFERENCE...  
 Creating directory ./RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE...  
 Creating directory ./RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
 Deleting old files...

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Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
 Test product: ASA\_MS\_0PNPDE20091026\_050021\_000000162083\_00391\_40024\_0466.N1  
 H  
 H

../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20091026\_050021-20050922\_062651.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20091026\_050021-20050922\_062651.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20091026\_050021-20050922\_062651.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20091026\_050021-20050922\_062651.png

Polarization: V  
 Reference product: ASA\_MS\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
 Test product: ASA\_MS\_0PNPDE20091025\_053158\_000000162083\_00377\_40010\_0465.N1  
 V  
 V

../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20091025\_053158-20050923\_055514.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20091025\_053158-20050923\_055514.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20091025\_053158-20050923\_055514.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20091025\_053158-20050923\_055514.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_0PNPDK20091024\_060335\_000000162083\_00363\_39996\_0901.N1  
 Test product: ASA\_MS\_0PNPDE20091026\_050021\_000000162083\_00391\_40024\_0466.N1  
 H  
 H

../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20091026\_050021-20091024\_060335.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20091026\_050021-20091024\_060335.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20091026\_050021-20091024\_060335.png  
 ../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20091026\_050021-20091024\_060335.png

Polarization: V  
 Reference product: ASA\_MS\_0PNPDK20091023\_063512\_000000162083\_00349\_39982\_0900.N1  
 Test product: ASA\_MS\_0PNPDE20091025\_053158\_000000162083\_00377\_40010\_0465.N1  
 V  
 V

../../../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20091025\_053158-20091023\_063512.png  
../../../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20091025\_053158-20091023\_063512.png  
../../../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20091025\_053158-20091023\_063512.png  
../../../../RESULTS/DAILY/091026/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20091025\_053158-20091023\_063512.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/091026/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-26\_1.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-26\_2.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-26\_3.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-26\_4.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-26\_1.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-26\_2.dat...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...



Getting calibration pulses data for GM1 SS3 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-26\_3.dat...  
 Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/091026/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-26\_4.dat...  
 Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/091026//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####

Creating directory ./RESULTS/DAILY/091026/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
 Writing file ./RESULTS/DAILY/091026/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-10-26.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091026/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
 Writing file ./RESULTS/DAILY/091026/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-10-26.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091026/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER JUMPS Analysis will be performed on WSM products from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing by default products WSM  
 Getting doppler jumps data for WSM from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
 Writing file ./RESULTS/DAILY/091026/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-10-26.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091026/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
 Writing file ../../RESULTS/DAILY/091026/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER MAP Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing products WVS IS2 V/V  
 Loading predicted doppler values....  
 Phase: descending  
 Found data...  
 Computing mean error doppler estimated-predicted...  
 Mean error = -32.827949 Hz  
 Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
 Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
 Loading predicted doppler values....

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -30.357239 Hz  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -16.114891 Hz  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -28.441710 Hz  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/091026//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/091026/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2009-10-26.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/091026/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/091026/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2009-10-26.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/091026/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/091026/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS

#####  
Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091026/RAW\_DATA

Creating directory ./RESULTS/DAILY/091026/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_WVS\_2009-10-26.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2009-10-26 00:00:00 to 2009-10-26 23:59:59...  
Writing file ./RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_IMM\_2009-10-26.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/091026/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2009-10-26 00:00:00 to 2009-10-26 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091026/TELEMETRY

Creating directory ./RESULTS/DAILY/091026/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 21 products from PDE...  
Checking 21 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 31 products from PDE...  
Checking 48 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 2 products from PDE...  
Checking 1 products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 26 products from PDE...  
Checking 4 products from PDK...  
Found product...ASA\_IMM\_1PNPDK20091026\_223950\_000002072083\_00402\_40035\_5793.N1 / 0 gaps / 2 missing lines

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 51 products from PDE...  
Checking 14 products from PDK...

Creating graph of missing lines and gaps...  
\*\*\*\*\*



Creating image: ./RESULTS/DAILY/091026/TELEMETRY/TELEMETRY\_Missing\_lines.png...
Creating image: ./RESULTS/DAILY/091026/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS
#####
Analysis will be performed on 2009-10-26

\*\*\*\*\*
Scanning directory /nfs-store/ASAR\_Data//ASA\_GM\_BP...
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_GM\_BP/JPG/20091026/

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

\*\*\*\*\*
Scanning directory /nfs-store/ASAR\_Data//ASA\_AP\_BP...
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_AP\_BP/JPG/20091026/

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

\*\*\*\*\*
Scanning directory /nfs-store/ASAR\_Data//ASA\_IM\_BP...
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_IM\_BP/JPG/20091026/

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

\*\*\*\*\*
Scanning directory /nfs-store/ASAR\_Data//ASA\_WS\_BP...
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_WS\_BP/JPG/20091026/

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

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/091026/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_1PNPDE20091026_025203_000000432083_00390_40023_1421.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091026_025638_000000432083_00390_40023_1425.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20091026_140428_000000432083_00397_40030_5610.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_1PNPDE20091026_005343_000009792083_00389_40022_1382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_010914_000004482083_00389_40022_1365.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_012654_000003082083_00389_40022_1367.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_014321_000004162083_00389_40022_1378.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_020254_000007312083_00389_40022_1435.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_021944_000007852083_00390_40023_1437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_023430_000010512083_00390_40023_1457.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_025741_000001382083_00390_40023_1446.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_032600_000002112083_00390_40023_1513.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_033513_000004472083_00390_40023_1517.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_035523_00000782083_00391_40024_1515.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_040221_000016862083_00391_40024_1556.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_043822_000001752083_00391_40024_1519.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_045854_000008842083_00391_40024_1596.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_050654_000001142083_00391_40024_1594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_051024_000004532083_00391_40024_1601.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_054543_000004412083_00392_40025_1615.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_055405_000004102083_00392_40025_1619.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_060623_000004222083_00392_40025_1613.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_061551_000008842083_00392_40025_1611.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_061818_000009092083_00392_40025_1621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_205431_000001022083_00401_40034_1915.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_211009_000001632083_00401_40034_1917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_214453_000008842083_00401_40034_1919.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_215000_000001752083_00401_40034_1921.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_215448_000002892083_00401_40034_1923.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_222045_000005012083_00402_40035_1967.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_224329_000005612083_00402_40035_1972.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_231646_000001502083_00402_40035_1974.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_232529_00000962083_00402_40035_1979.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091026_233046_000001142083_00402_40035_1987.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_064539_000001262083_00392_40025_5387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_065405_000002652083_00392_40025_5399.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_073058_000001812083_00393_40026_5392.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_073637_000003622083_00393_40026_5397.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_074131_000001502083_00393_40026_5476.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_075841_000009242083_00393_40026_5455.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_083012_000005312083_00393_40026_5432.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_091242_000005312083_00394_40027_5437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_093612_000004592083_00394_40027_5480.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_101437_000003082083_00394_40027_5485.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_105018_000003502083_00395_40028_5487.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_105750_000001752083_00395_40028_5492.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_115553_000002652083_00395_40028_5547.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_122854_000008212083_00396_40029_5549.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_124131_000002052083_00396_40029_5585.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_130522_000006222083_00396_40029_5587.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_131546_000005192083_00396_40029_5589.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_132806_000007672083_00396_40029_5594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_134624_000003682083_00396_40029_5599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_140252_00000962083_00397_40030_5603.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_140743_000002112083_00397_40030_5601.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_141549_000003742083_00397_40030_5608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_142053_000004042083_00397_40030_5635.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_143035_000004772083_00397_40030_5637.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_144410_000003862083_00397_40030_5639.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_150229_000002592083_00397_40030_5641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_150834_000007732083_00397_40030_5648.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_154126_000001442083_00398_40031_5646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_155052_000005072083_00398_40031_5653.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_155805_000004412083_00398_40031_5661.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_160720_000006462083_00398_40031_5663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_164306_000001382083_00398_40031_5665.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_165103_000003562083_00398_40031_5667.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20091026_170041_00000842083_00398_40031_5675.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_172306_000008152083_00399_40032_5680.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_174449_000001022083_00399_40032_5703.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_174720_000002532083_00399_40032_5705.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_175247_000002532083_00399_40032_5707.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_182342_00000902083_00399_40032_5711.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_183217_000001082083_00399_40032_5709.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_183547_000003502083_00399_40032_5713.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_185922_000010502083_00400_40033_5729.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_191537_000002232083_00400_40033_5736.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_192127_000006702083_00400_40033_5738.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_200417_000001442083_00400_40033_5740.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_201025_000004892083_00400_40033_5742.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_203128_000009782083_00400_40033_5760.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091026_205248_000001692083_00401_40034_5754.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				
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ASA_IMM_1PNPDE20091026_000152_000004422083_00388_40021_1380.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_005240_000000512083_00389_40022_1384.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_025311_000002042083_00390_40023_1455.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_032417_000000922083_00390_40023_1473.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_043025_000000632083_00391_40024_1537.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_043025_000004662083_00391_40024_1603.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_043329_000001782083_00391_40024_1566.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_050511_000000922083_00391_40024_1572.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_050848_000000862083_00391_40024_1576.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_054218_000001952083_00392_40025_1607.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_055305_000000462083_00392_40025_1609.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_061323_000001382083_00392_40025_1605.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_061713_000000542083_00392_40025_1586.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_100824_000001622083_00394_40027_1745.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_101039_000002272083_00394_40027_1751.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_111559_000001482083_00395_40028_1769.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_111703_000000592083_00395_40028_1736.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_150651_000000912083_00397_40030_1829.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_154350_000004092083_00398_40031_1789.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_174630_000000392083_00399_40032_1835.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_175129_000000692083_00399_40032_1847.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_175702_000001292083_00399_40032_1857.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_183129_000000342083_00399_40032_1855.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_183404_000000922083_00399_40032_1841.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091026_231916_000000372083_00402_40035_1989.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091026_064744_000003702083_00392_40025_5428.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091026_082609_000002322083_00393_40026_5478.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091026_114929_000003722083_00395_40028_5571.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091026_223950_000002072083_00402_40035_5793.N1					OK	OK	OK	OK

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

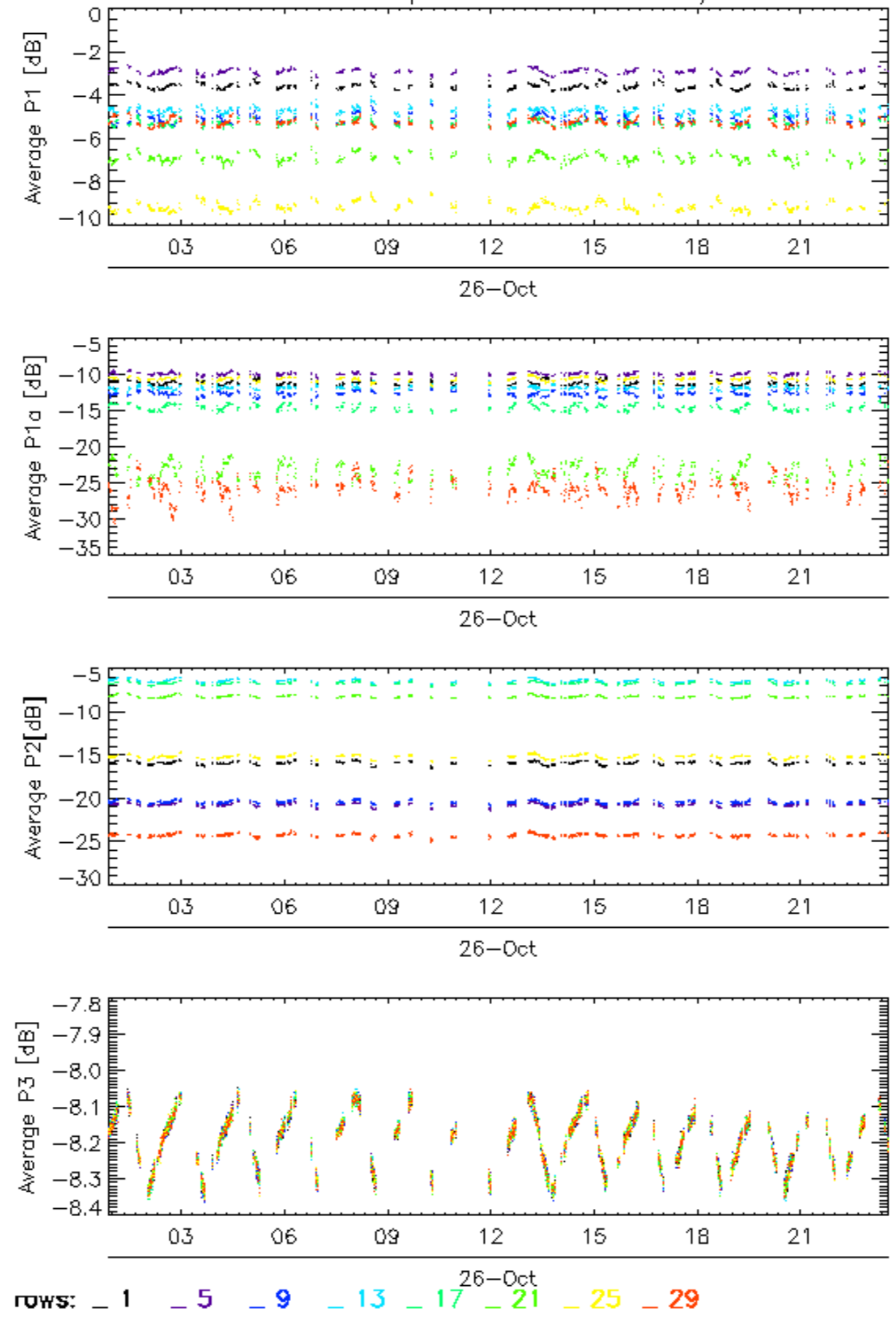


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ASA_WSM_1PNPDE20091026_004737_000002992083_00389_40022_1496.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_013845_000002692083_00389_40022_1423.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_015020_000003302083_00389_40022_1560.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_015134_000000612083_00389_40022_1411.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_015330_000001392083_00389_40022_1482.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_023256_000000912083_00390_40023_1478.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_031845_000002692083_00390_40023_1480.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_032937_000001902083_00390_40023_1574.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_032937_000003302083_00390_40023_1641.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_033449_000000182083_00390_40023_1508.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_050157_000001292083_00391_40024_1558.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_064002_000003302083_00392_40025_1646.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_074406_000004532083_00393_40026_1676.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_092136_000001152083_00394_40027_1698.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_092414_000002262083_00394_40027_1696.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_093143_000000922083_00394_40027_1690.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_100107_000003912083_00394_40027_1722.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_105612_000000912083_00395_40028_1753.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_114153_000000732083_00395_40028_1755.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_114153_000003912083_00395_40028_1773.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_114503_000002012083_00395_40028_1771.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_142742_000001712083_00397_40030_1823.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_160528_000001102083_00398_40031_1843.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_164527_000002502083_00398_40031_1845.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_164527_000003302083_00398_40031_1871.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_165039_000000182083_00398_40031_1819.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_165706_000002142083_00398_40031_1821.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_182518_000001902083_00399_40032_1873.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_182518_000003302083_00399_40032_1877.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_182929_000000782083_00399_40032_1874.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_200649_000000732083_00400_40033_1879.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_200649_000002132083_00400_40033_1907.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_200903_000000792083_00400_40033_1903.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_201841_000002072083_00400_40033_1905.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_202721_000002452083_00400_40033_1909.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_210303_000002142083_00401_40034_2077.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_210653_000001902083_00401_40034_1994.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_214624_000002072083_00401_40034_1962.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_214933_000000182083_00401_40034_1958.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_215258_000001032083_00401_40034_1934.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_215944_000002742083_00401_40034_1960.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_232710_000000732083_00402_40035_1996.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_232710_000002142083_00402_40035_2109.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_233020_000000242083_00402_40035_2002.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_233246_000001902083_00402_40035_2093.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_233246_000004222083_00402_40035_2111.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_233657_000001712083_00402_40035_2094.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_234018_000002692083_00402_40035_2073.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091026_234429_000000182083_00402_40035_2034.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_060101_000003122083_00392_40025_5537.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_073403_000001472083_00393_40026_5430.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_081954_000002142083_00393_40026_5514.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20091026_124503_000002992083_00396_40029_5583.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_132430_000002142083_00396_40029_5631.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_141118_000002512083_00397_40030_5633.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_173644_000004822083_00399_40032_5701.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_191922_000001222083_00400_40033_5734.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_205618_000000912083_00401_40034_5775.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_205829_000003122083_00401_40034_5777.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091026_223621_000001892083_00402_40035_5795.N1					OK	OK	OK	OK

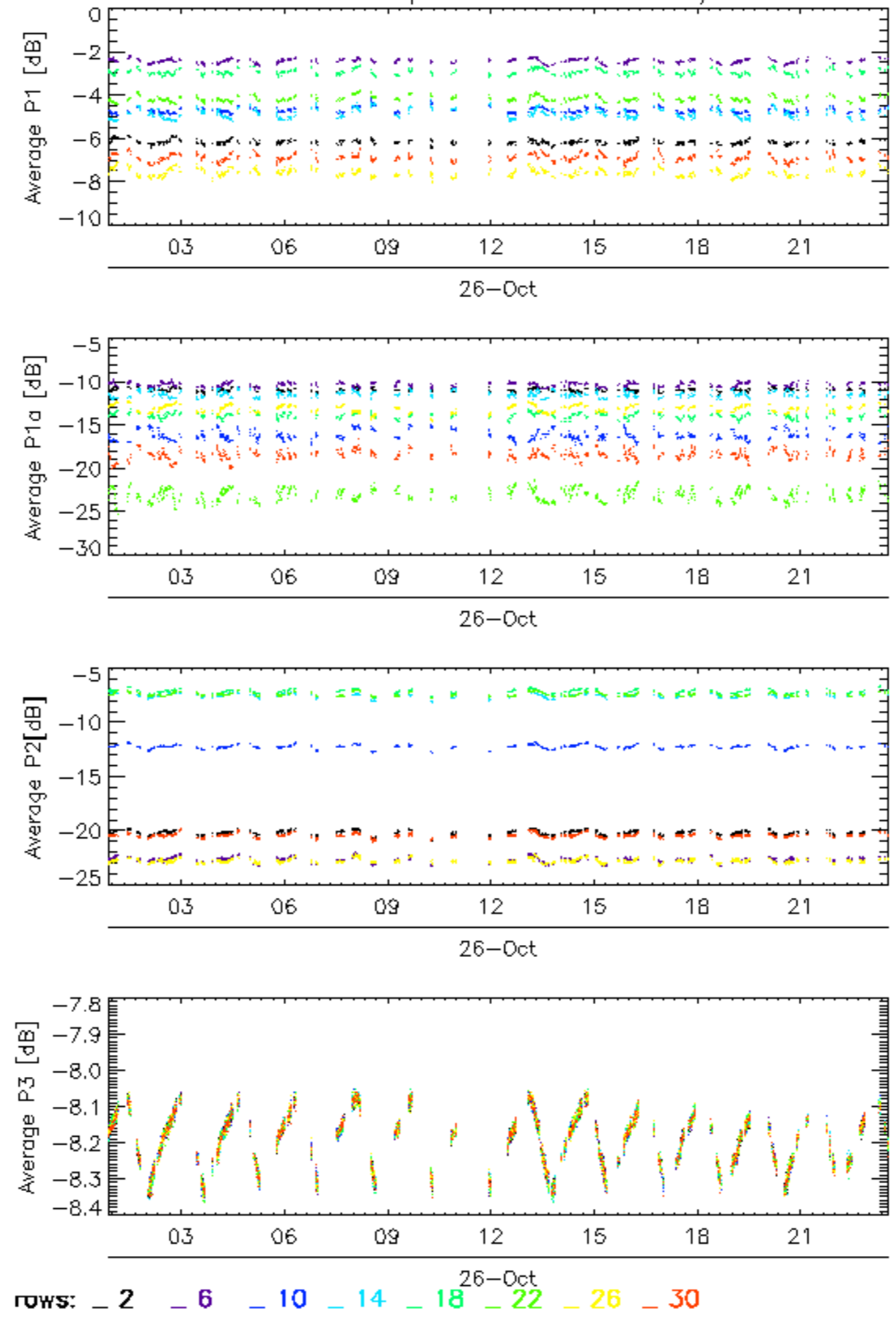
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20091026_011001_000009752083_00389_40022_1370.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_013206_000002852083_00389_40022_1373.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_015636_000001342083_00389_40022_1376.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_015751_000002552083_00389_40022_1440.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_030004_000009892083_00390_40023_1449.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_031634_000000002083_00390_40023_1511.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_034245_000007192083_00390_40023_1525.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_044116_000007342083_00391_40024_1522.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_045301_000003152083_00391_40024_1599.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_051757_000014092083_00391_40024_1627.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_061947_000008842083_00392_40025_1624.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_211253_000018742083_00401_40034_1926.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_220415_000001802083_00401_40034_1929.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_220615_000008242083_00401_40034_1965.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_223140_000002402083_00402_40035_1970.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_225250_000013942083_00402_40035_1977.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_232101_000002252083_00402_40035_1982.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091026_234449_000001052083_00402_40035_1985.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091026_063417_000002702083_00392_40025_5390.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_065833_000019042083_00392_40025_5395.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_081408_000003002083_00393_40026_5453.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_083909_000019642083_00393_40026_5435.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_094353_000009592083_00394_40027_5483.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091026_110850_000003902083_00395_40028_5542.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_111834_000013192083_00395_40028_5545.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_120020_000016642083_00395_40028_5552.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091026_134056_000002852083_00396_40029_5597.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_135236_000005542083_00396_40029_5606.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_145037_000006742083_00397_40030_5644.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_152132_000011542083_00397_40030_5651.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_162310_000011542083_00398_40031_5670.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_170208_000000742083_00398_40031_5673.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091026_175916_000014242083_00399_40032_5716.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_184518_000007942083_00399_40032_5719.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_193240_000018592083_00400_40033_5745.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091026_202311_000002102083_00400_40033_5752.N1					OK	OK	OK	OK

### Calibration pulses for GM1 SS3 H/H

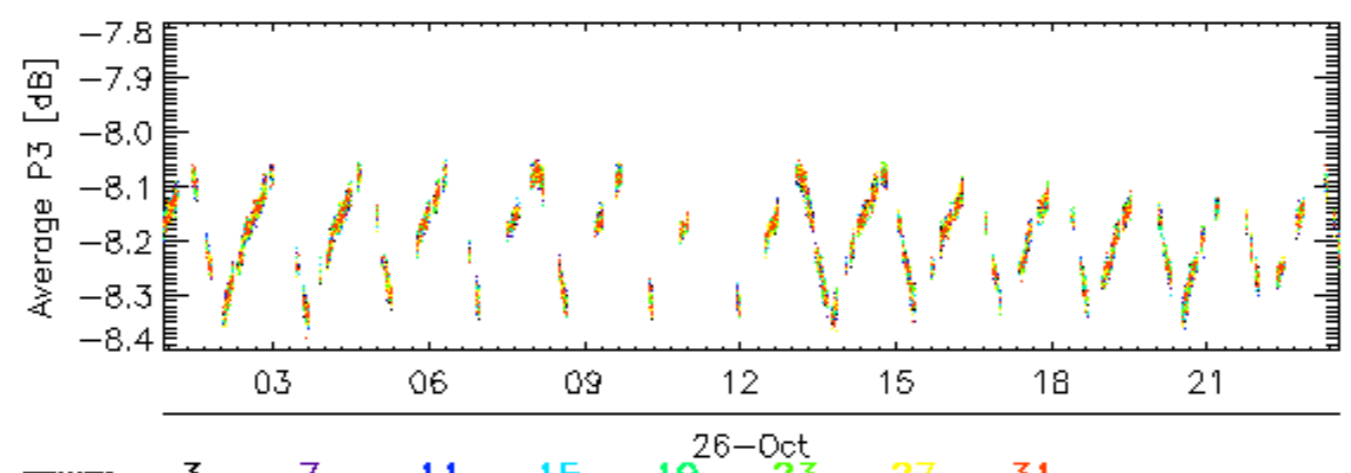
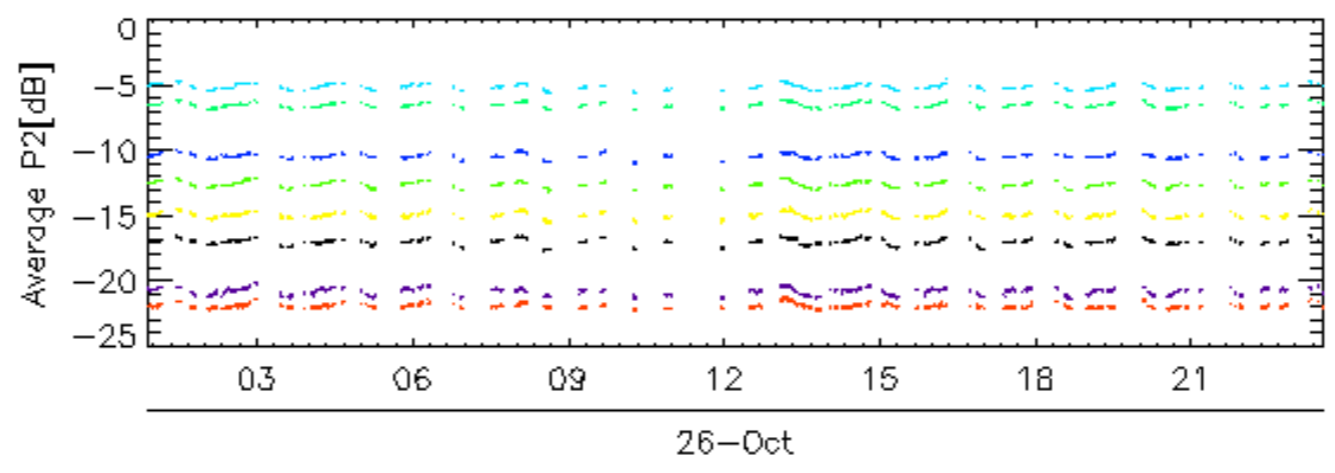
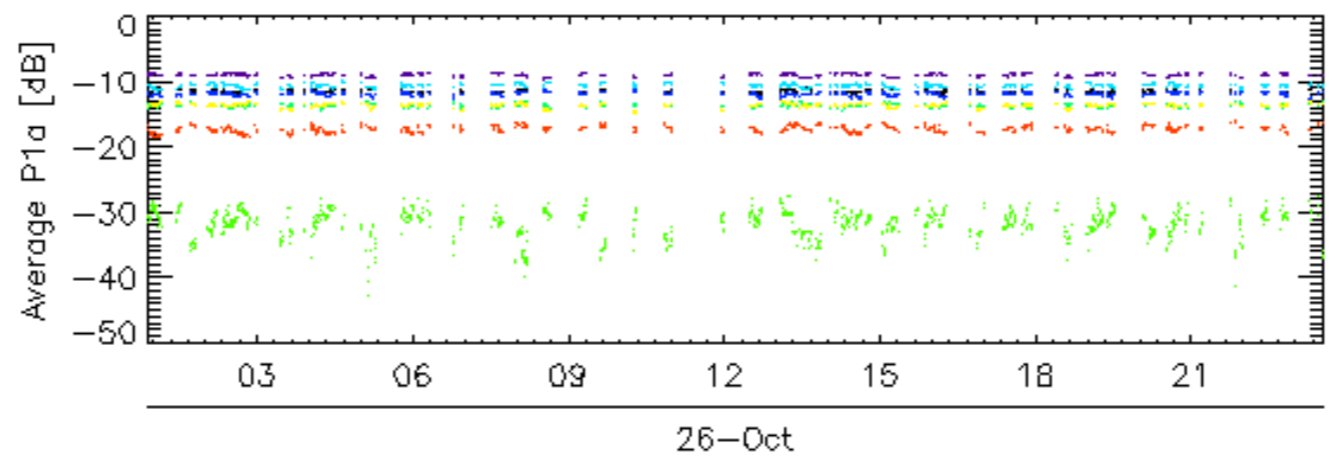
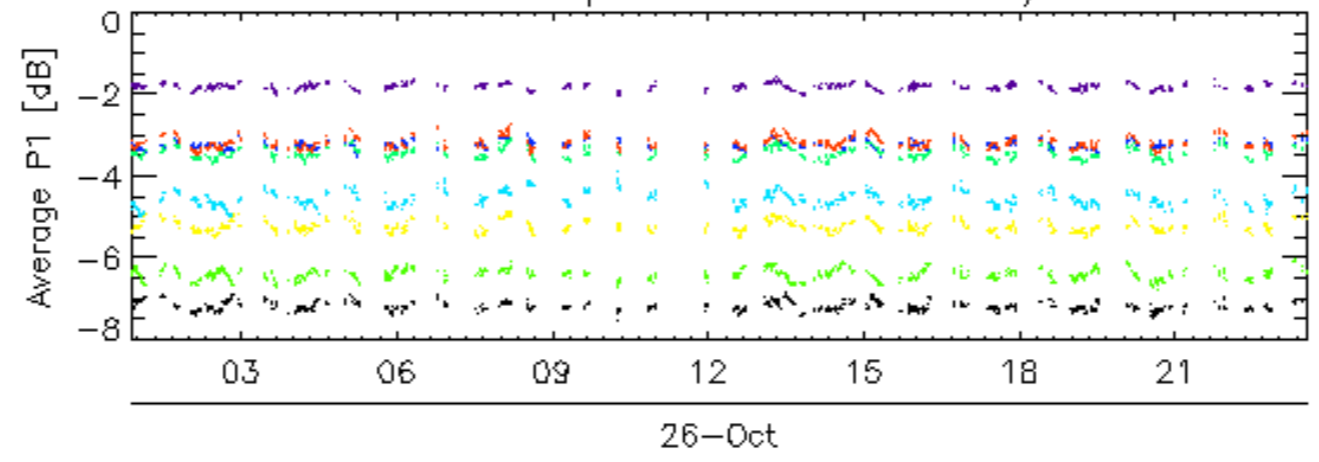


### Calibration pulses for GM1 SS3 H/H



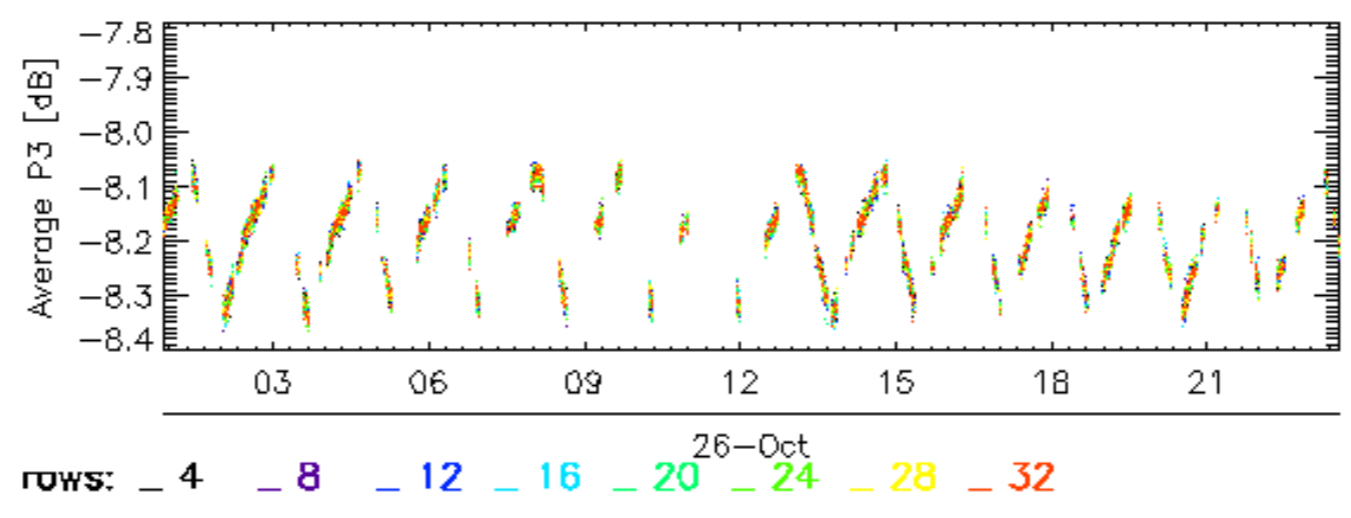
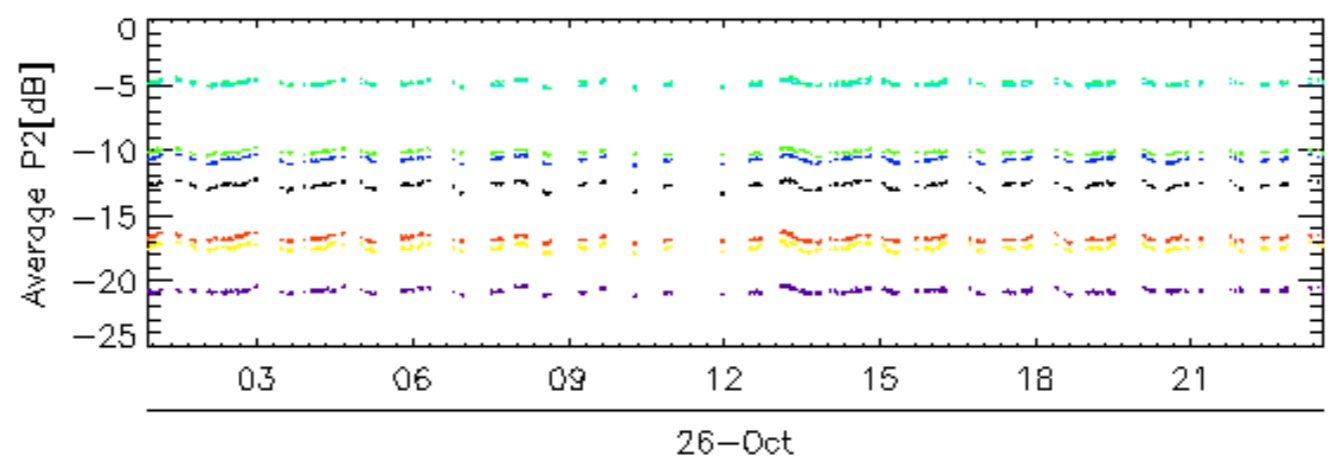
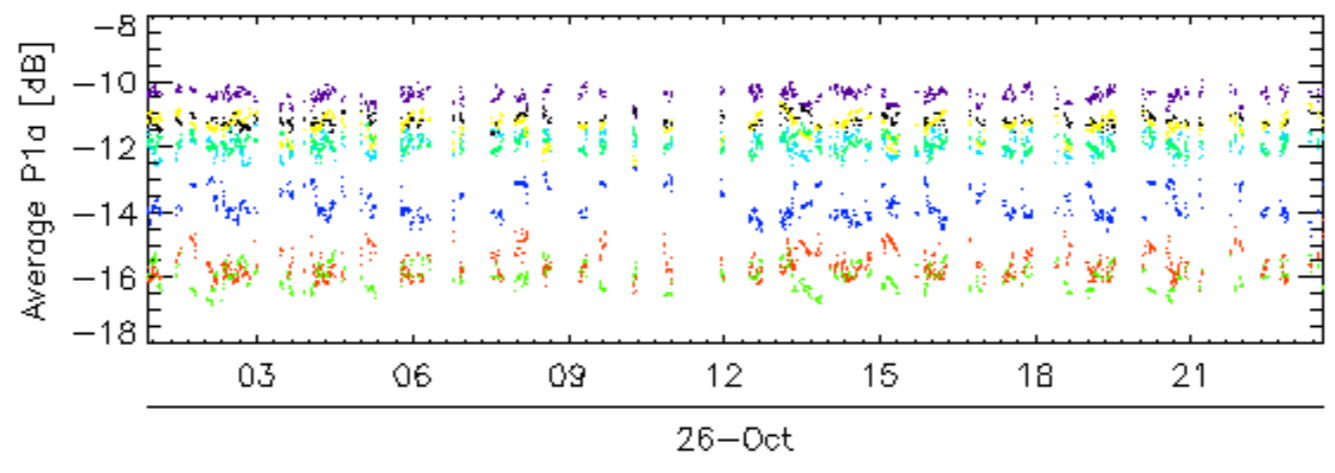
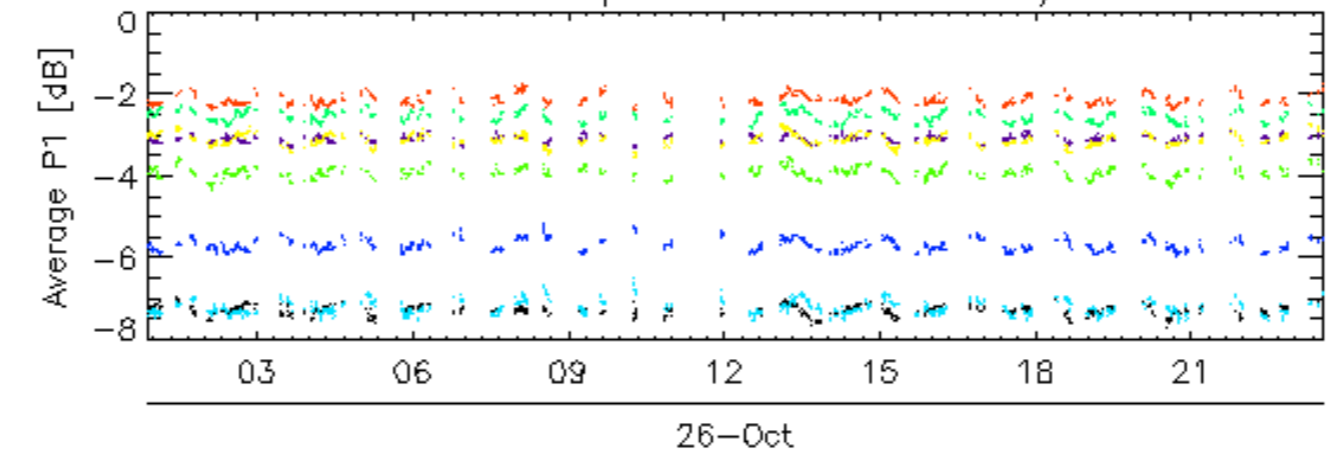


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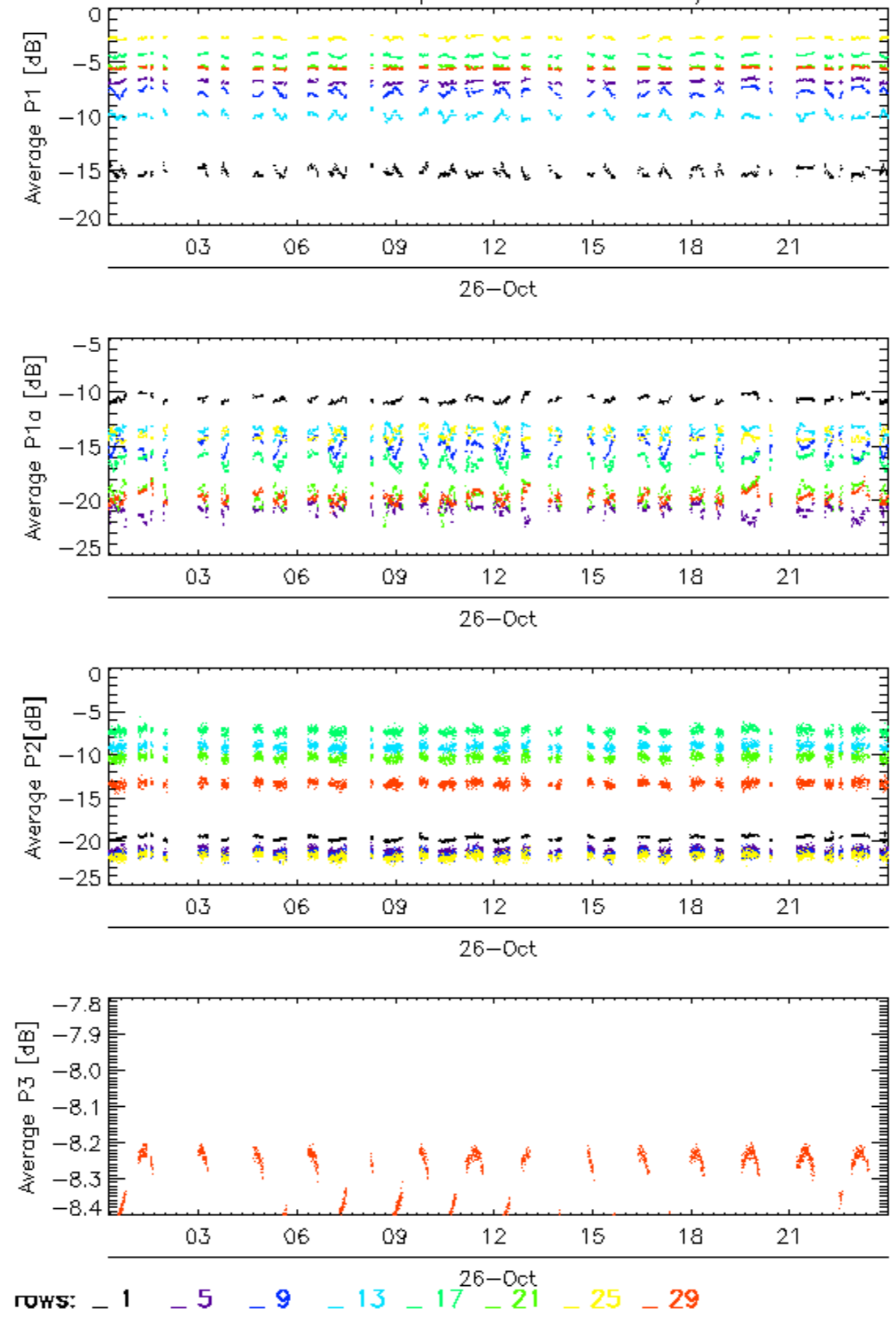


rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

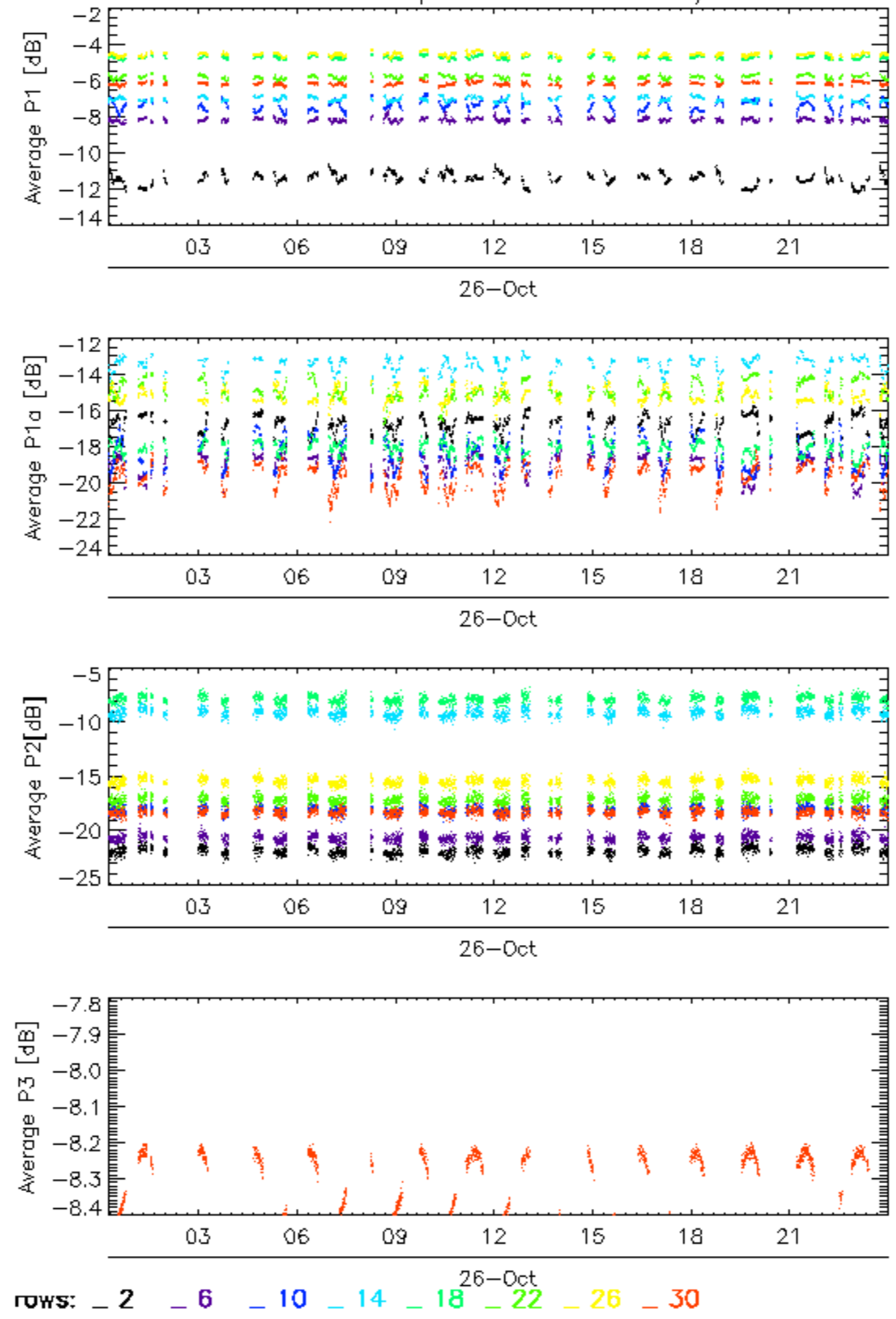
Calibration pulses for GM1 SS3 H/H



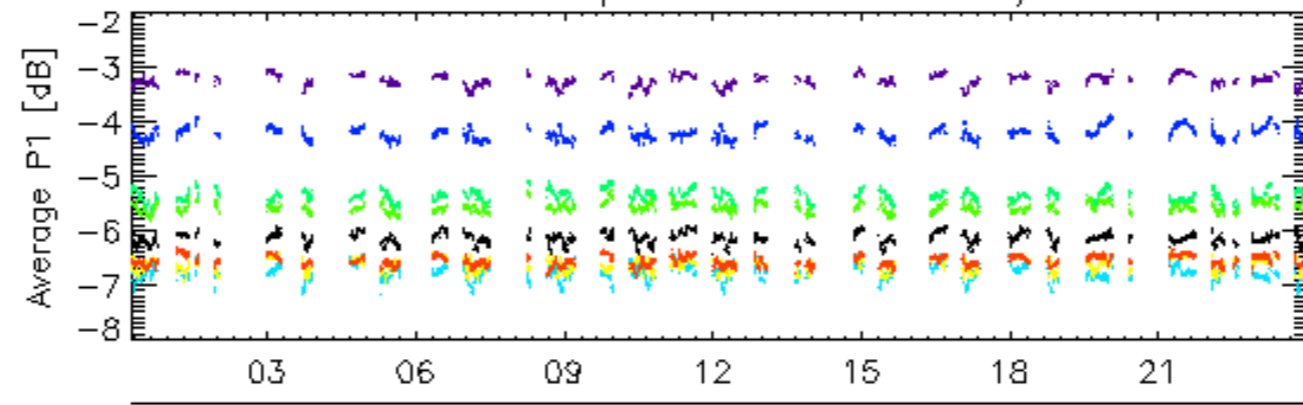
### Calibration pulses for WVS IS2 V/V



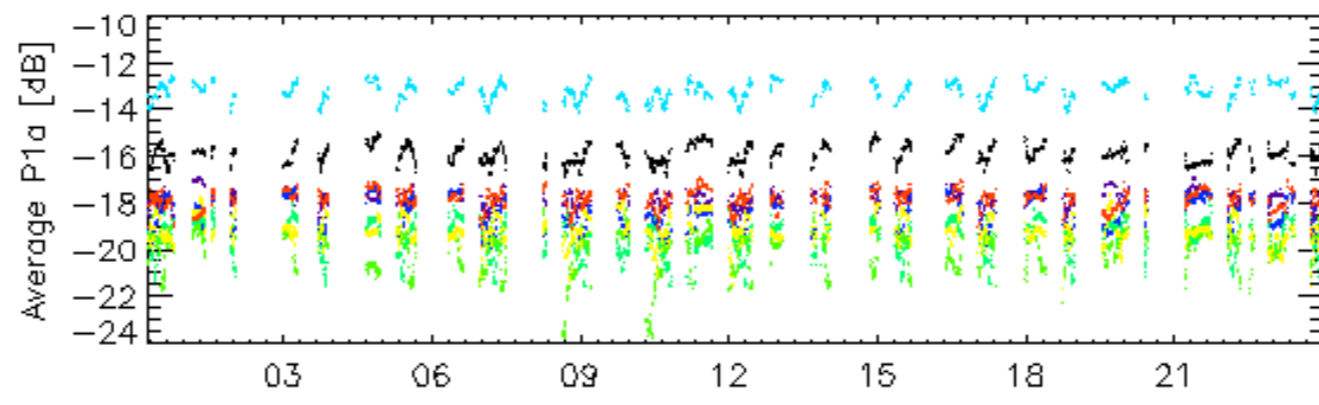
### Calibration pulses for WVS IS2 V/V



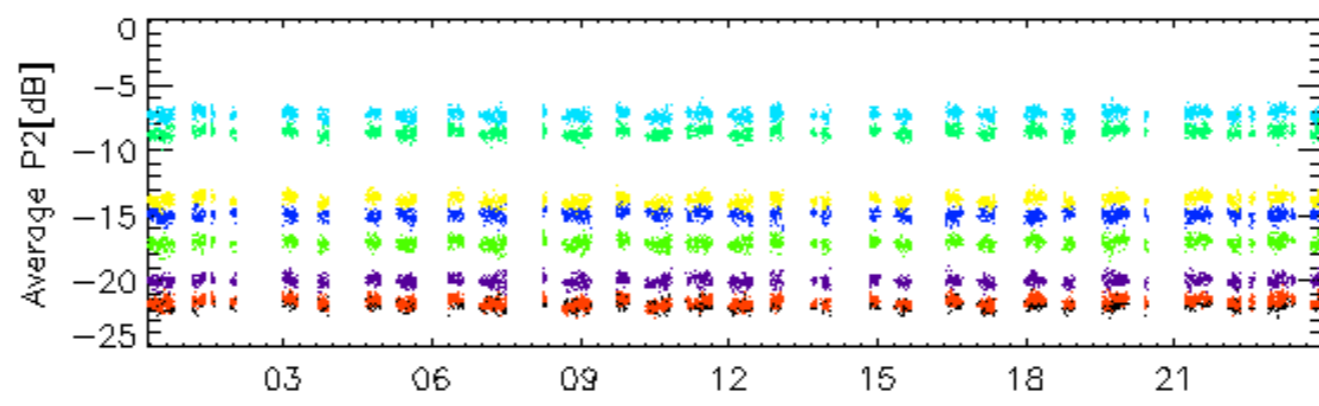
Calibration pulses for WVS IS2 V/V



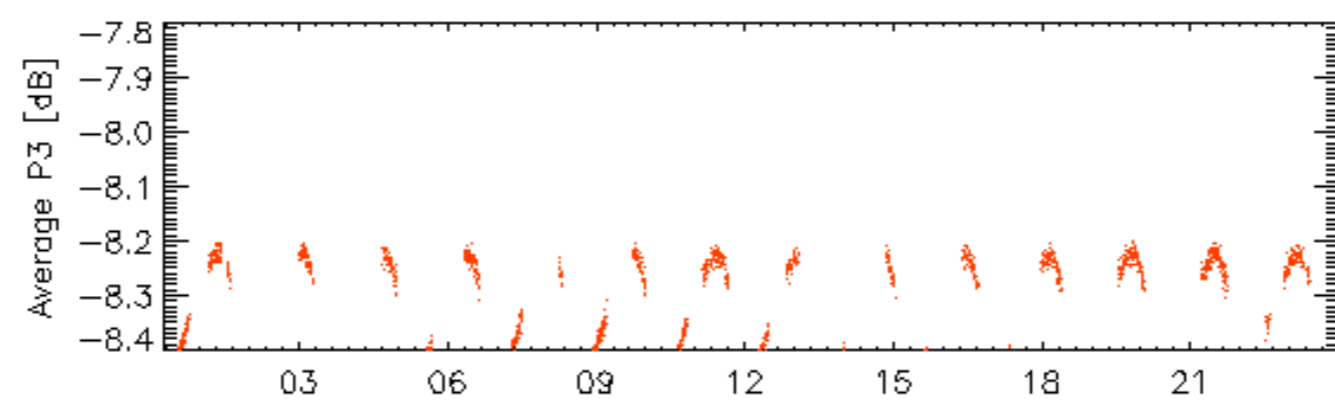
26-Oct



26-Oct



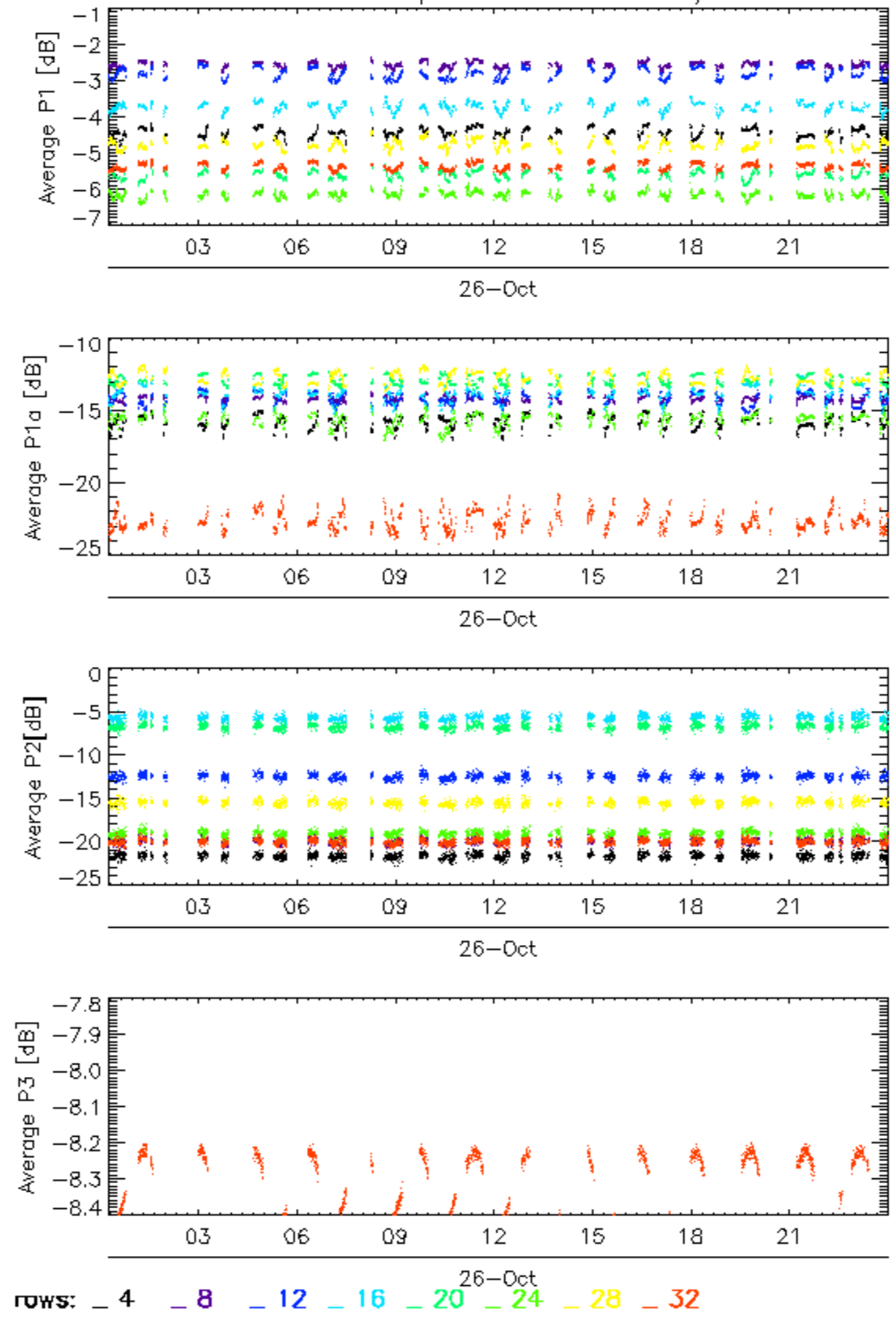
26-Oct

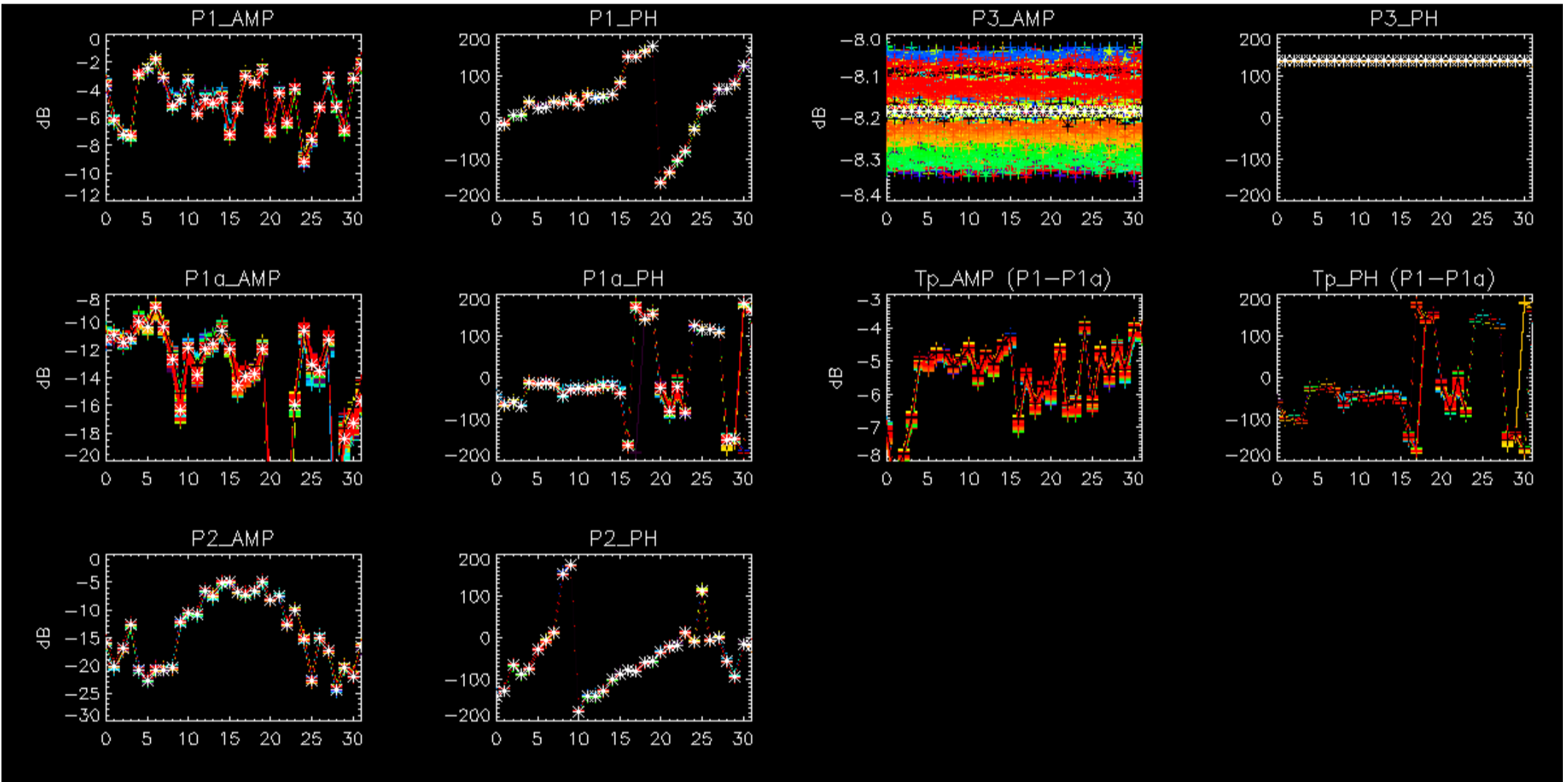


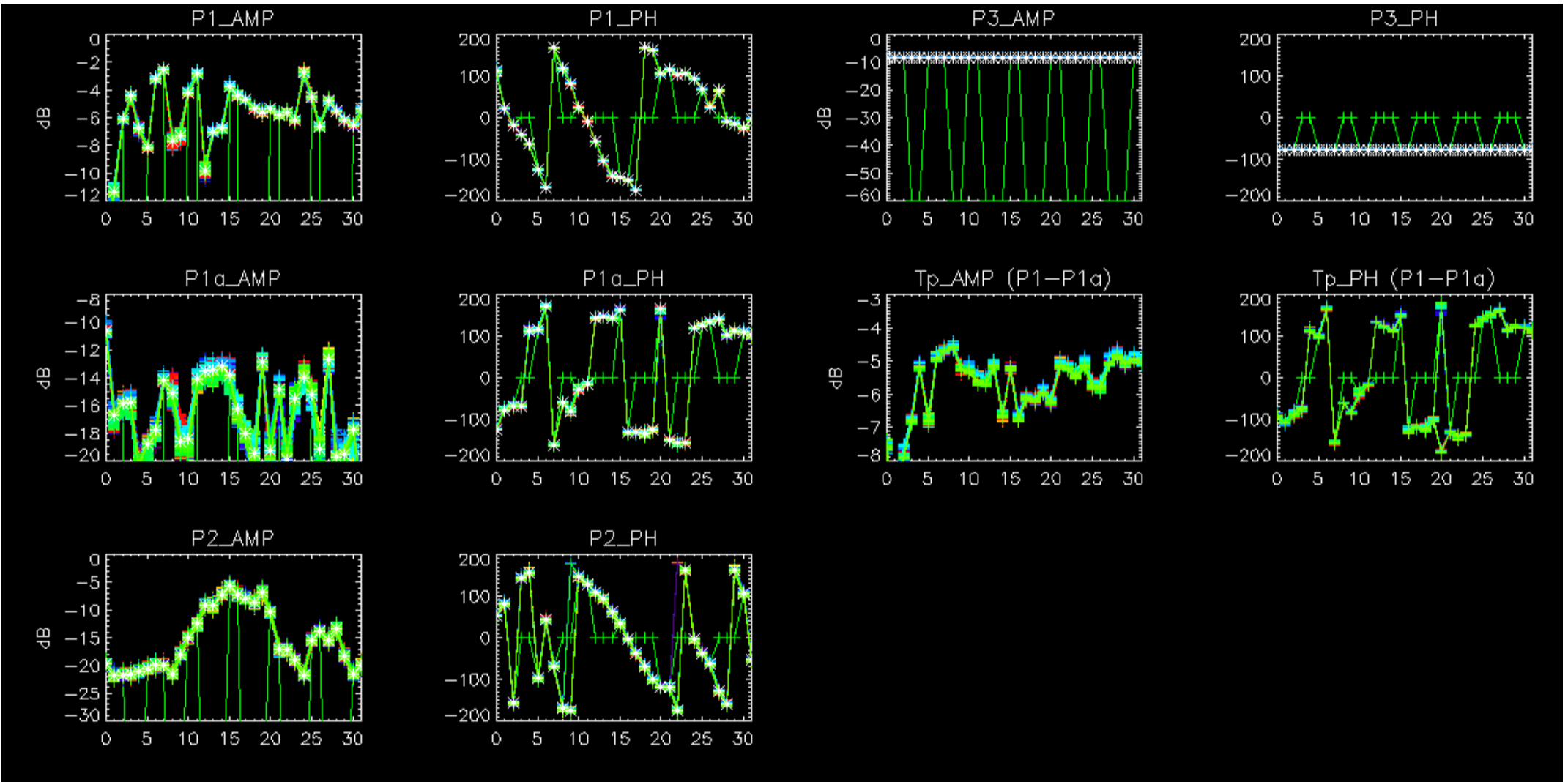
26-Oct

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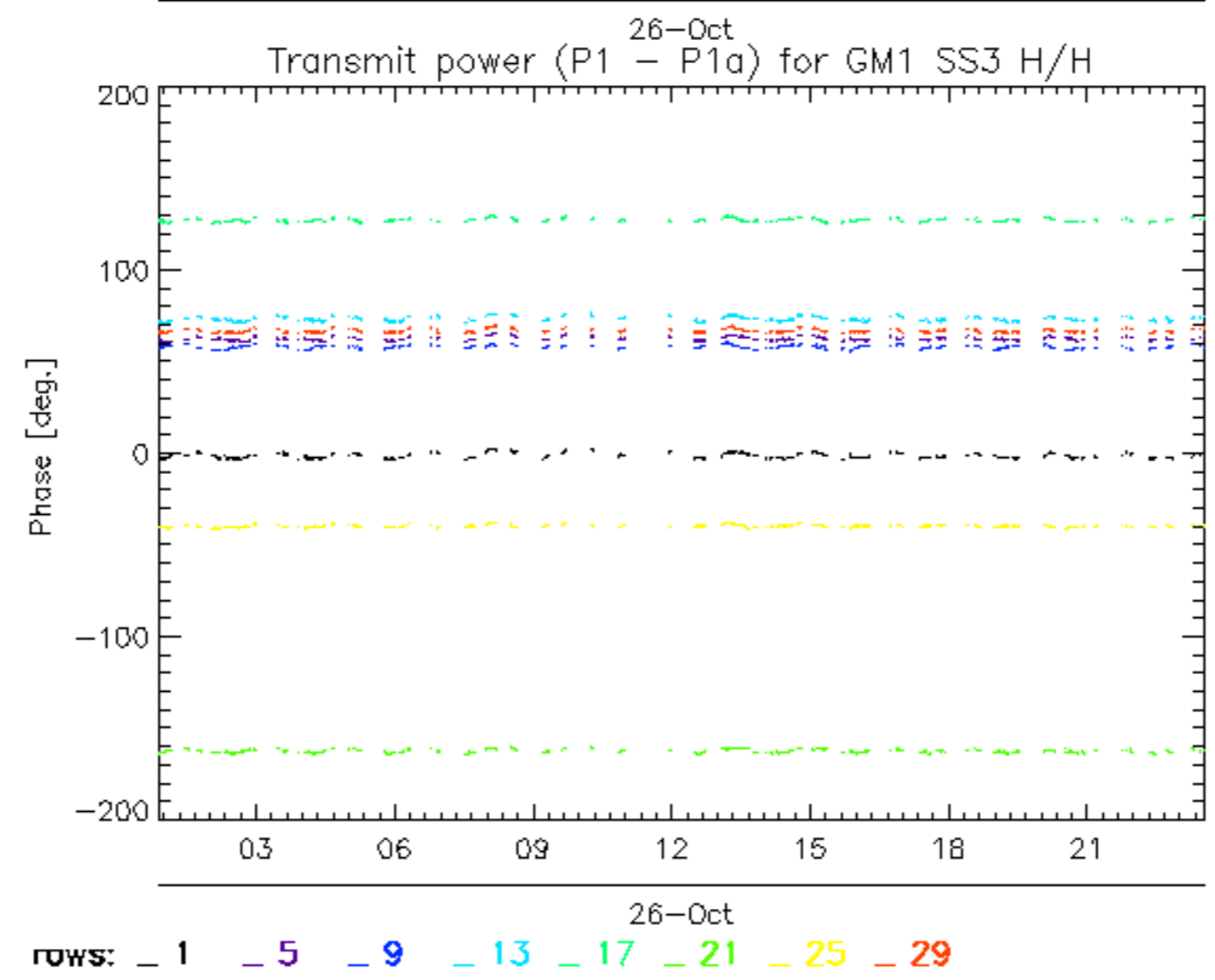
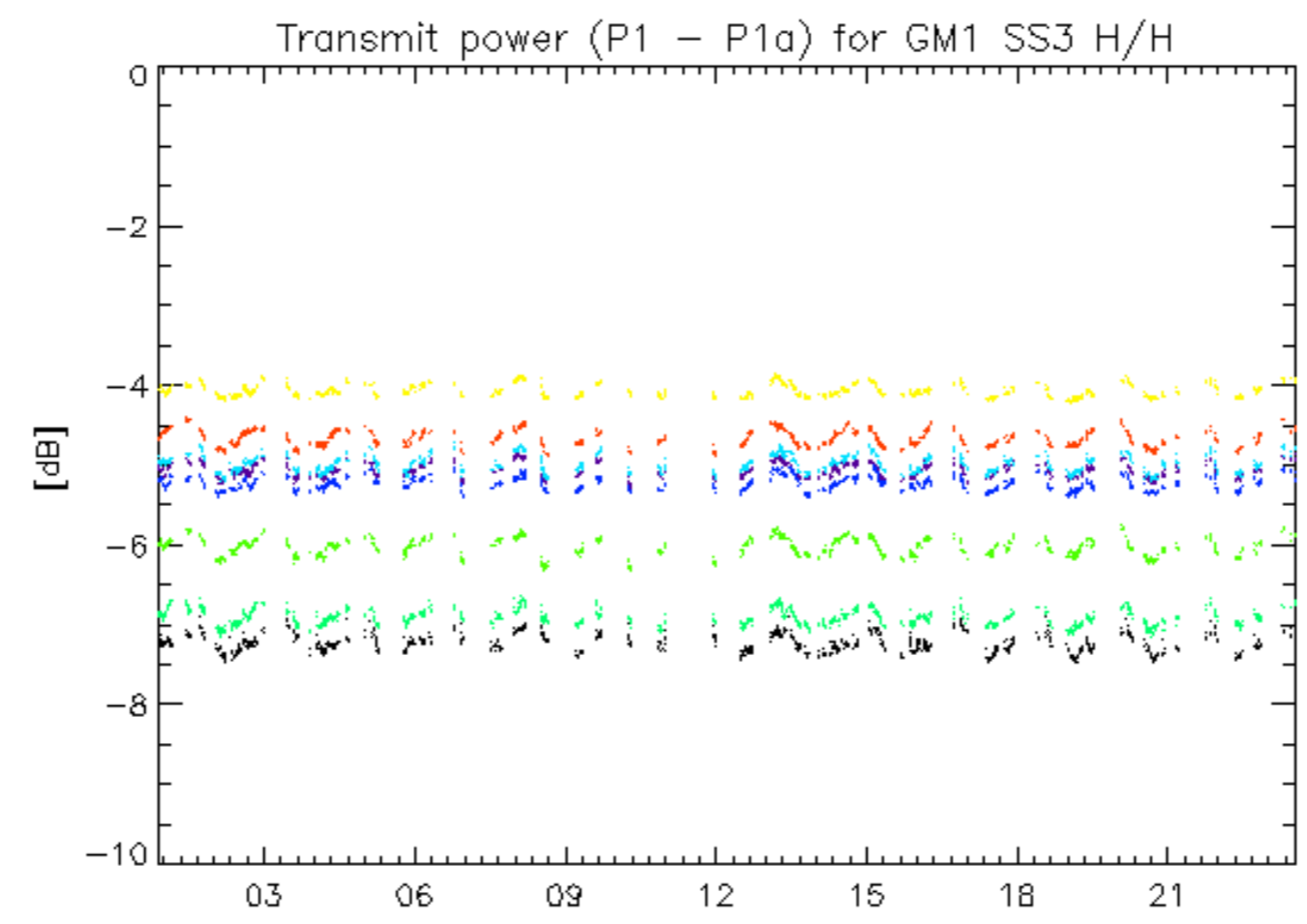
Calibration pulses for WVS IS2 V/V

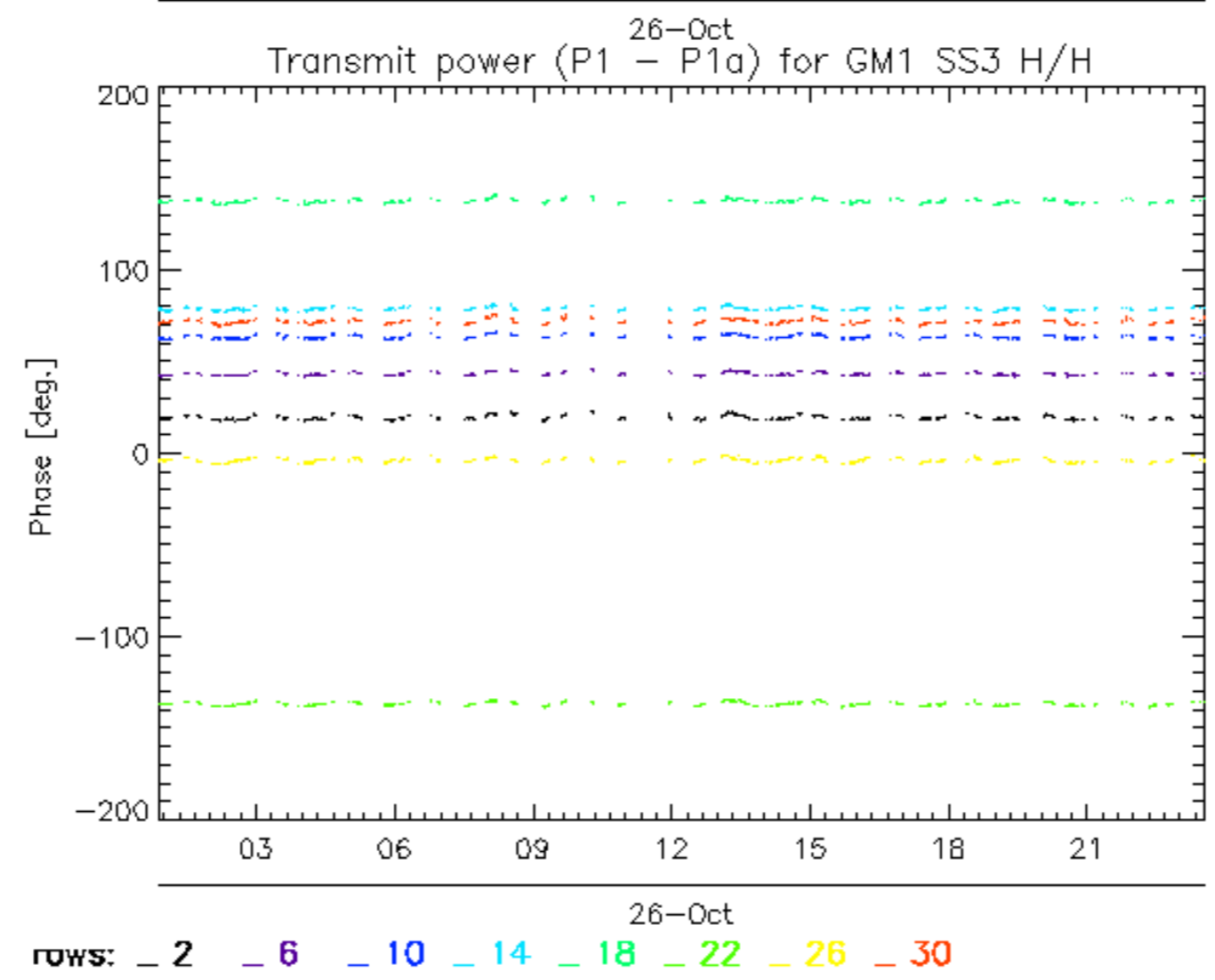
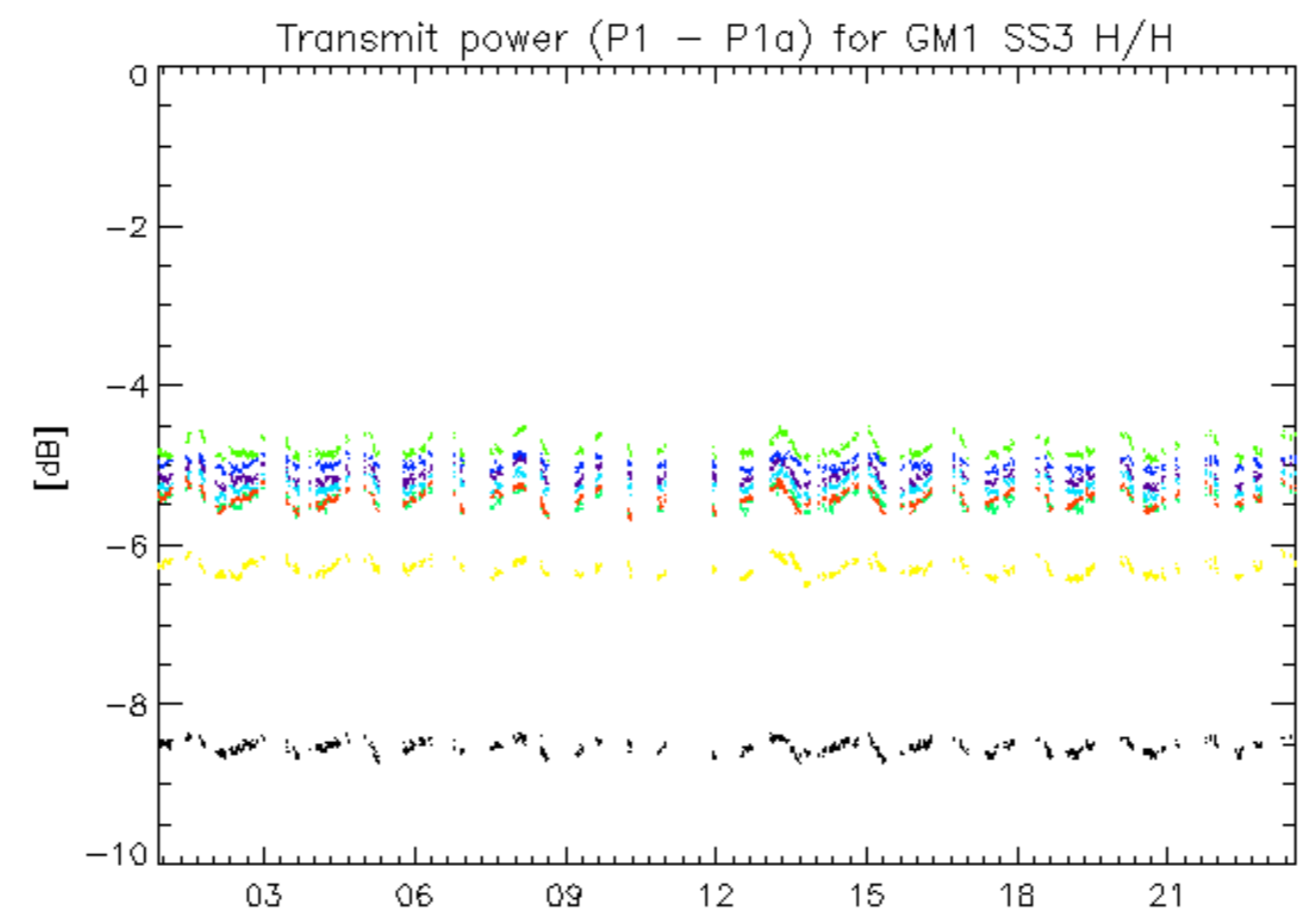


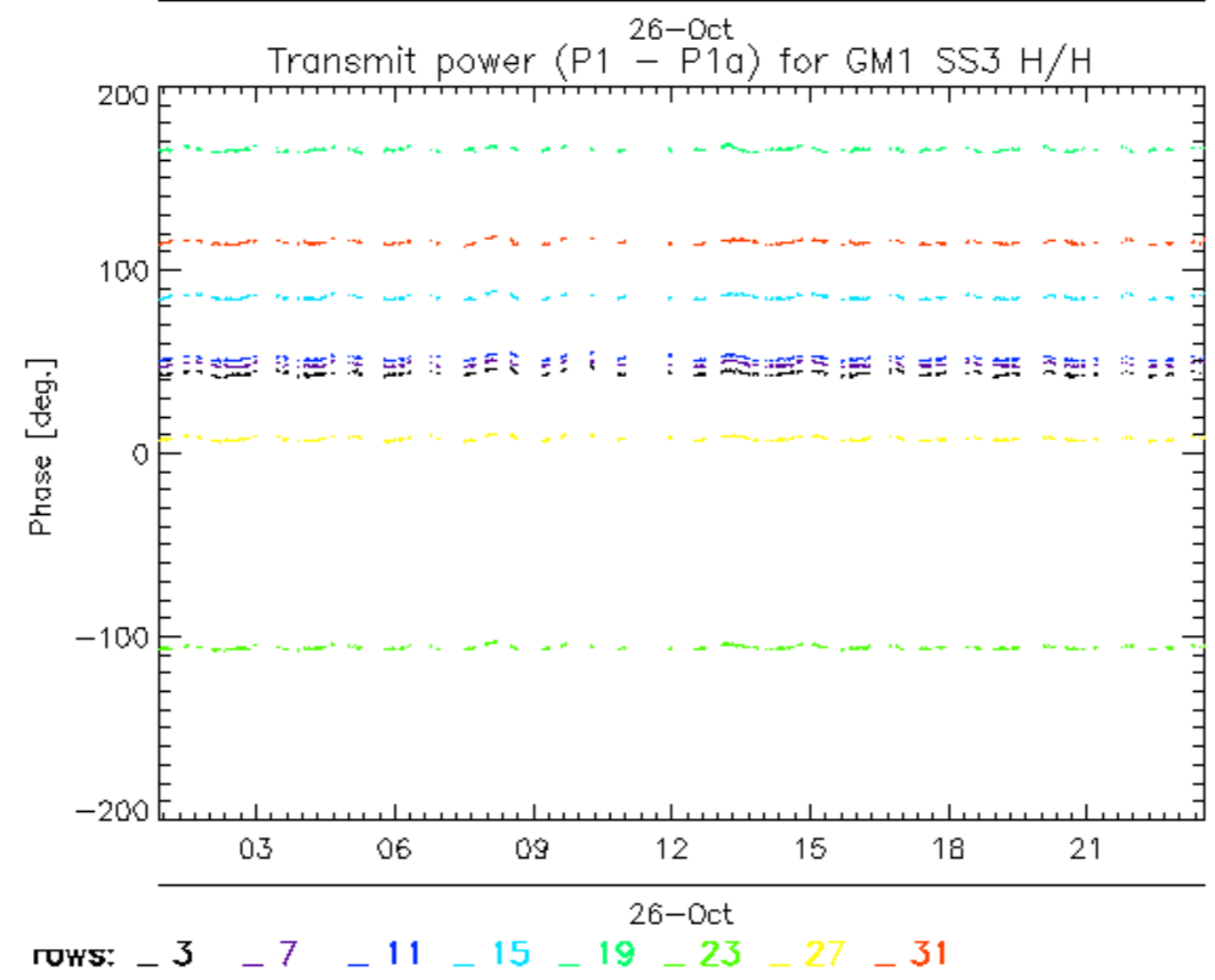
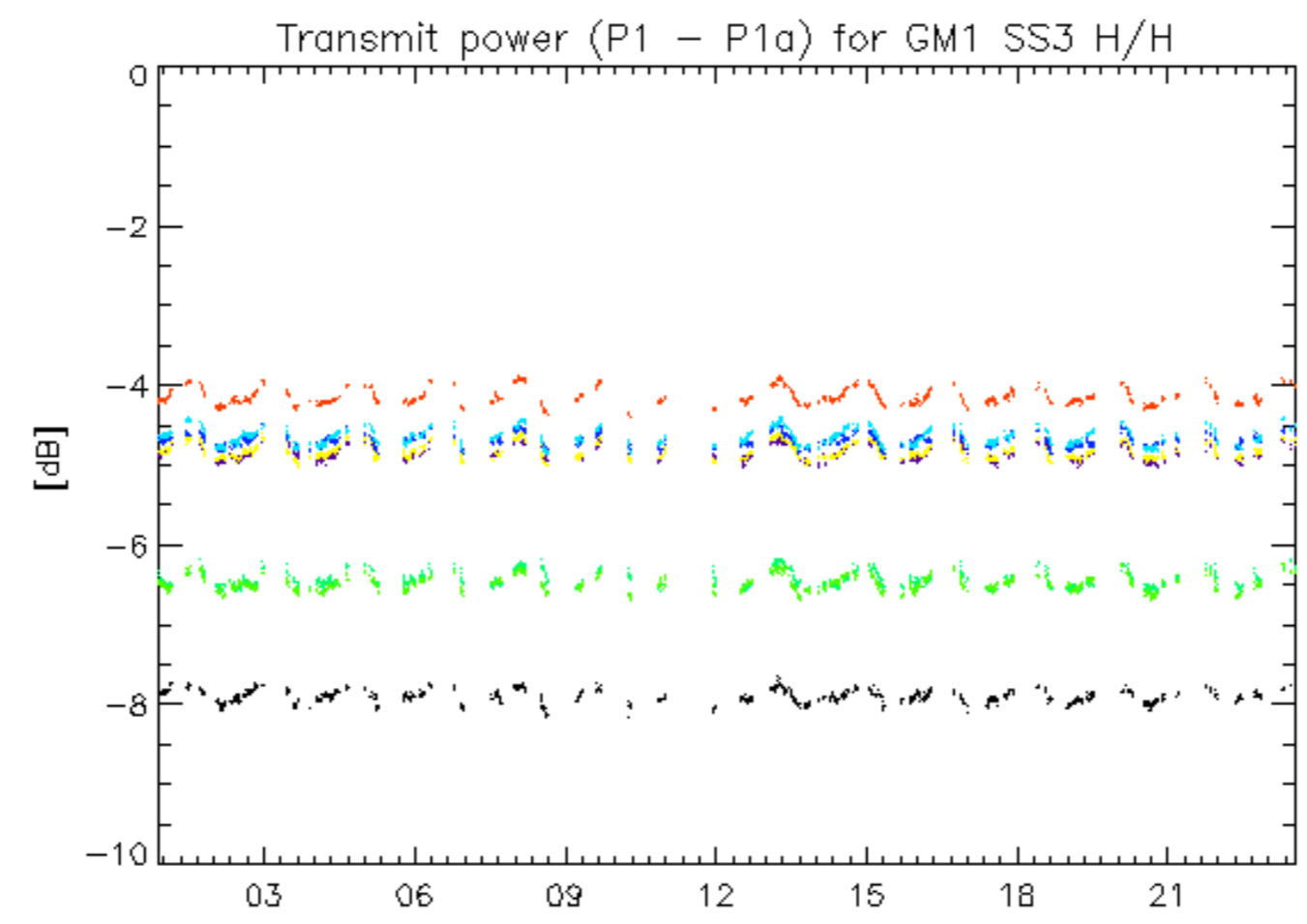


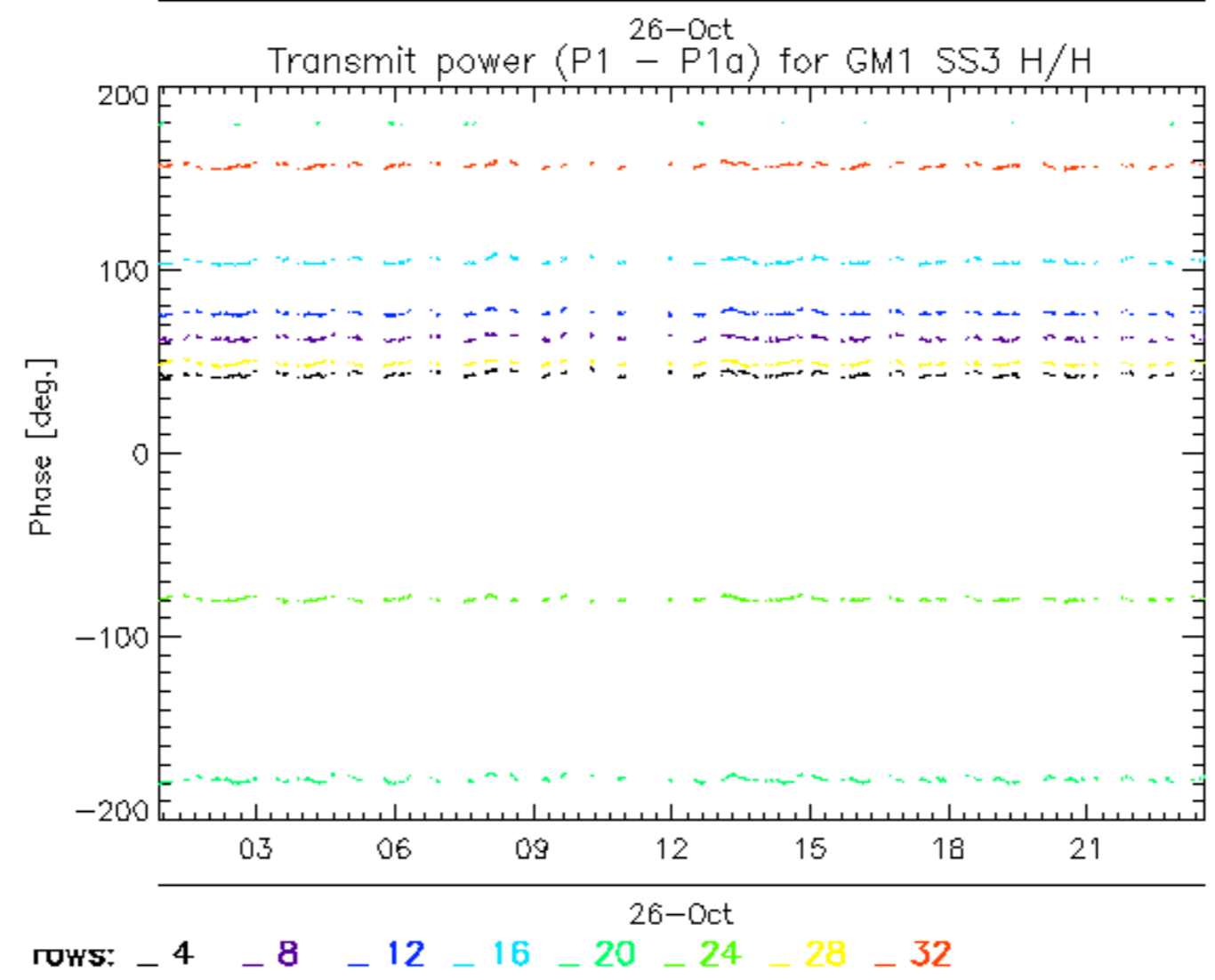
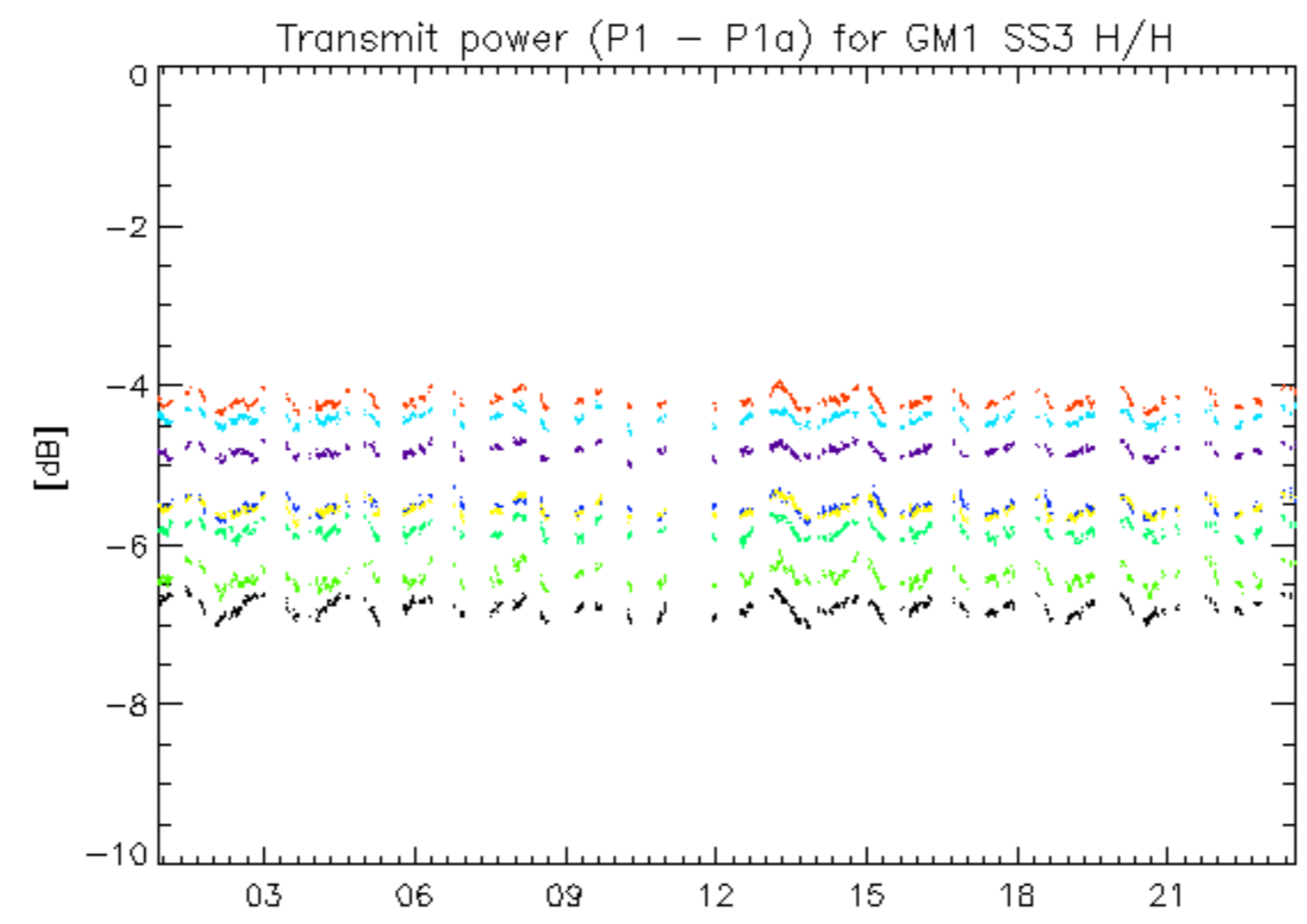


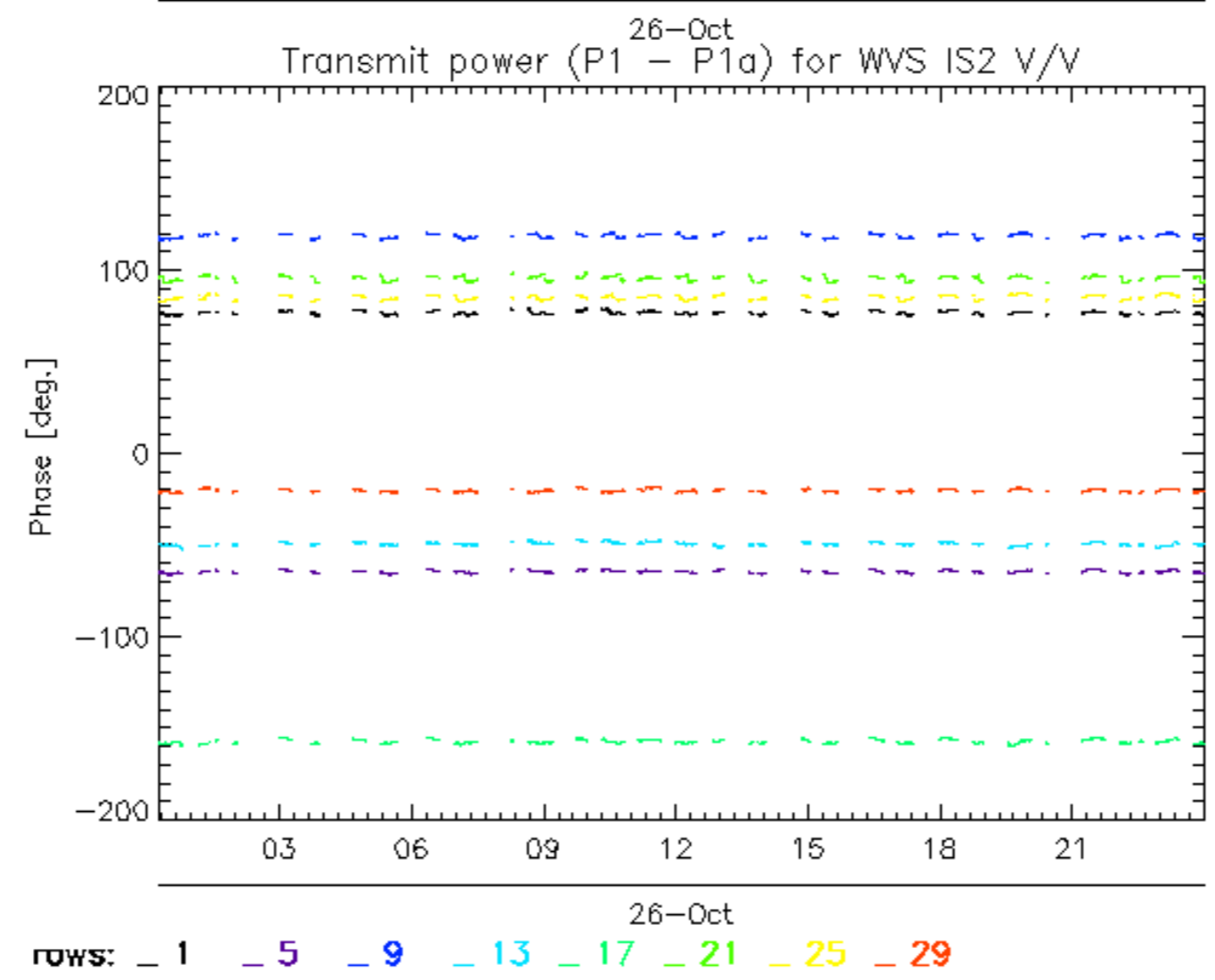
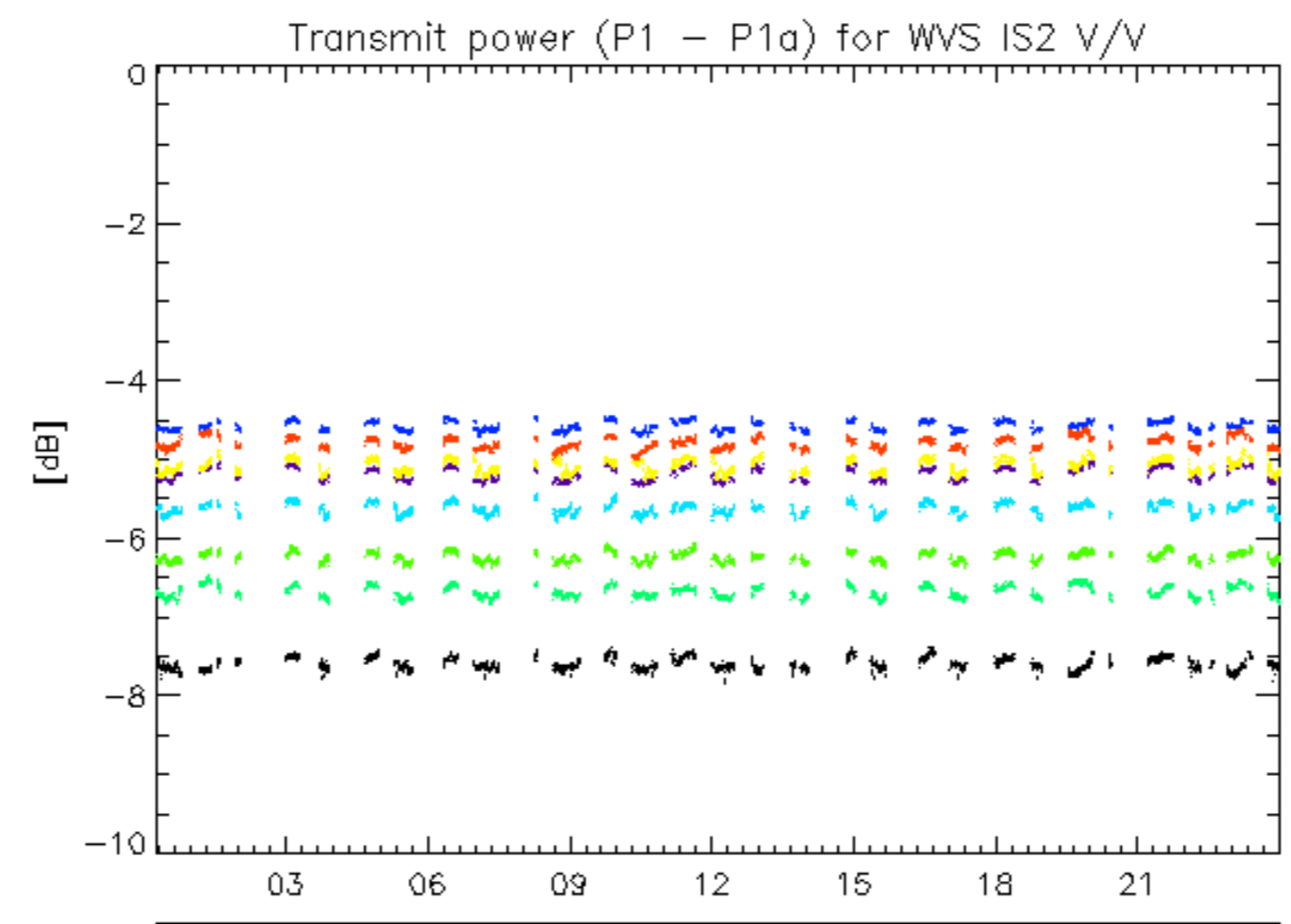


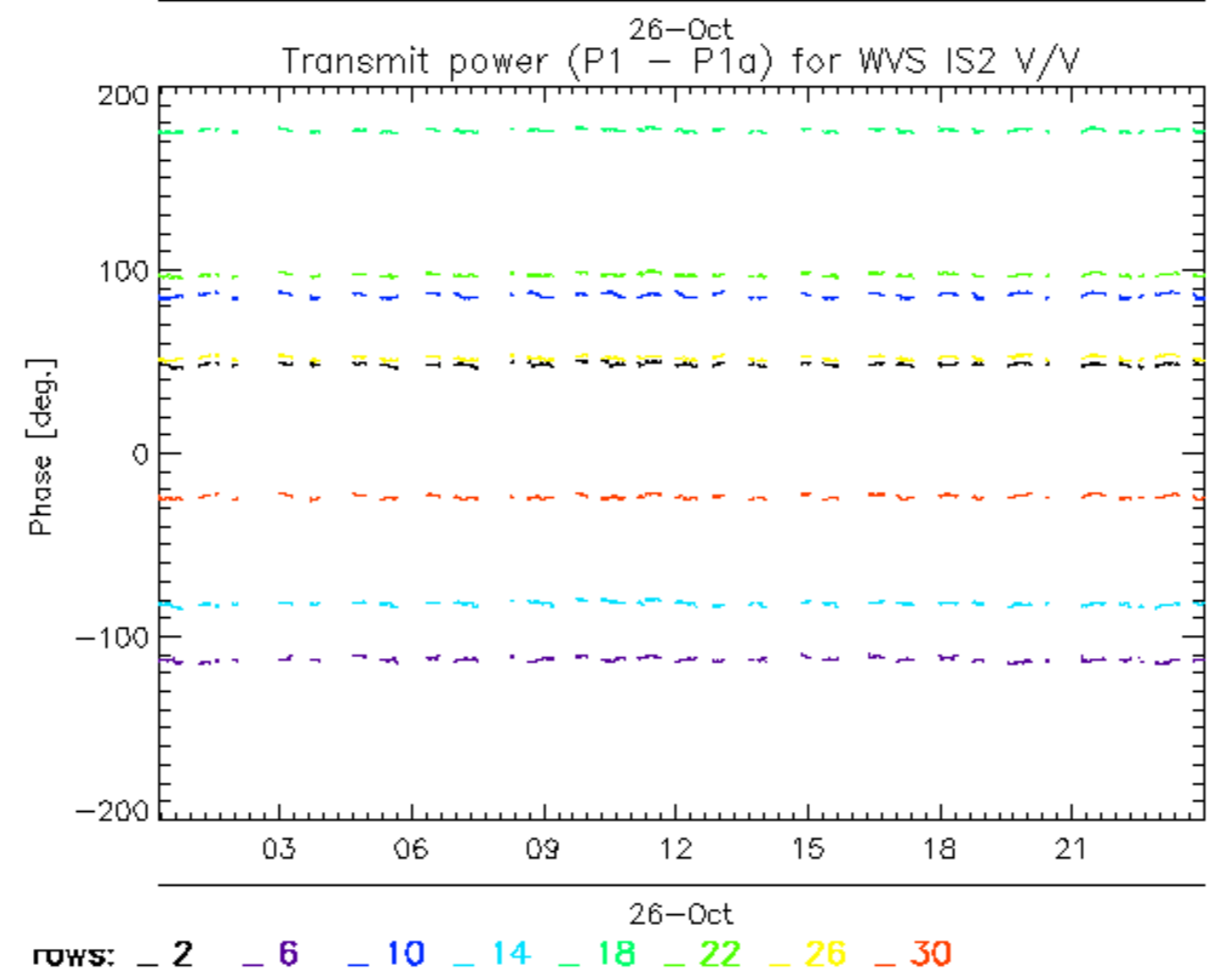
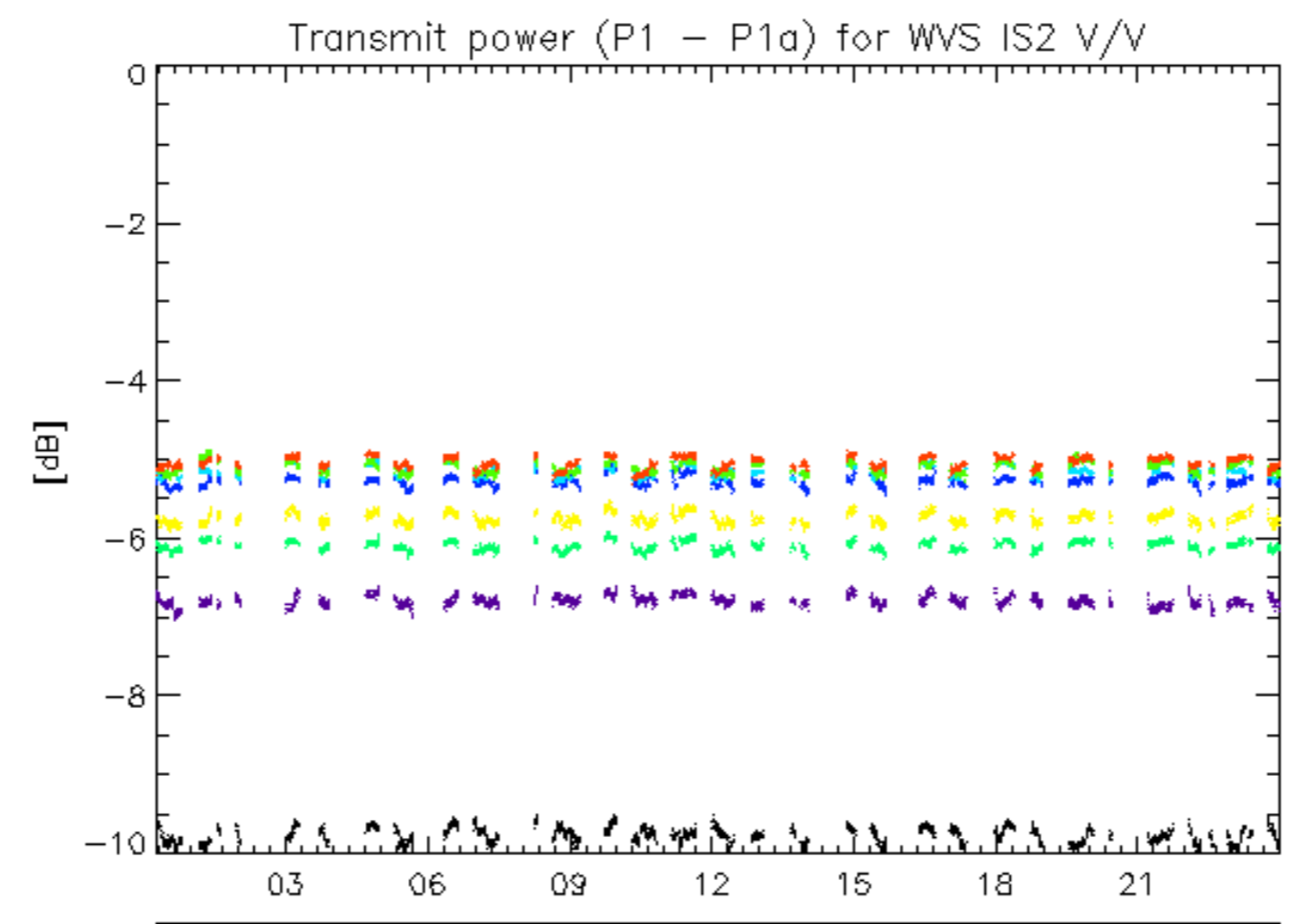


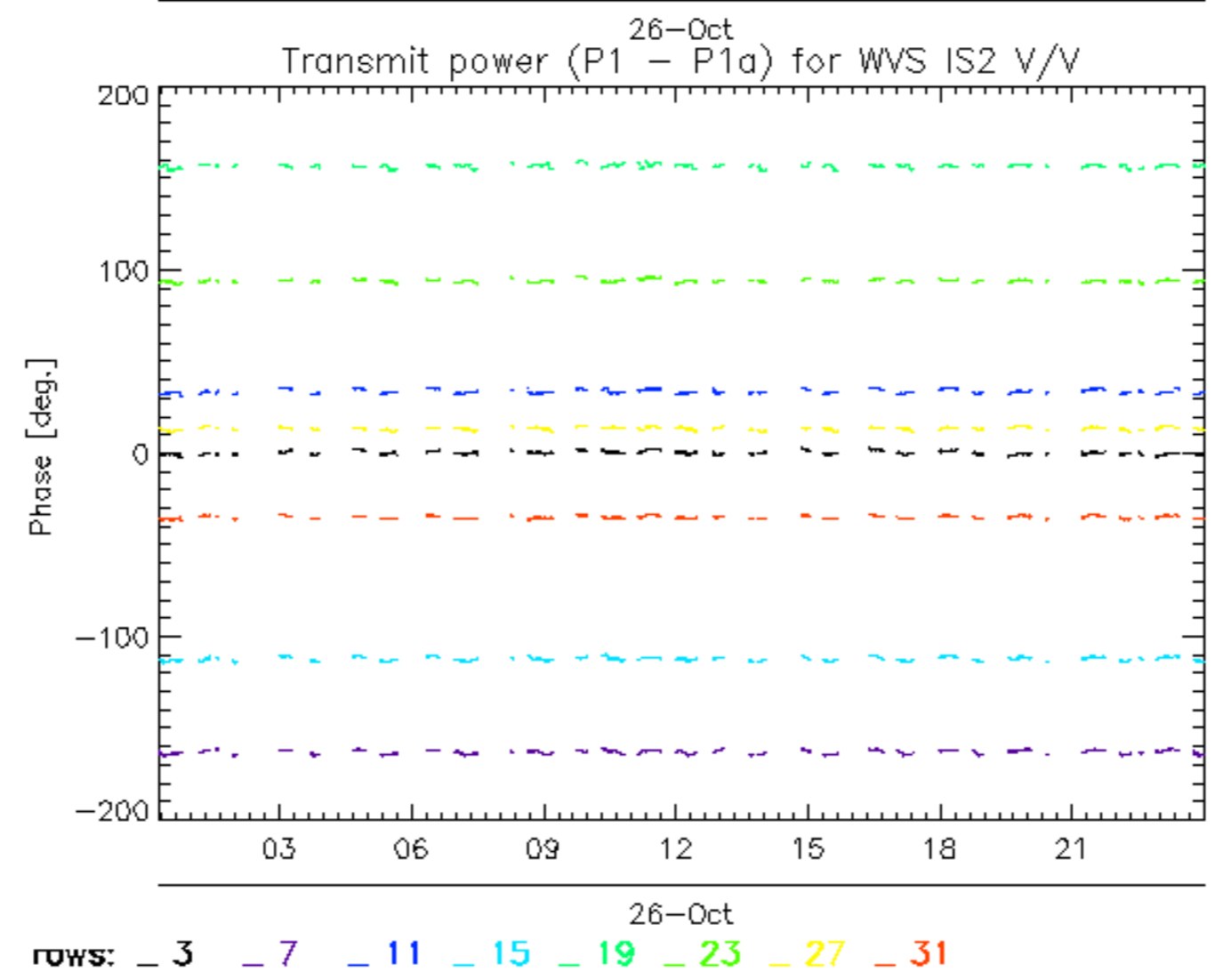
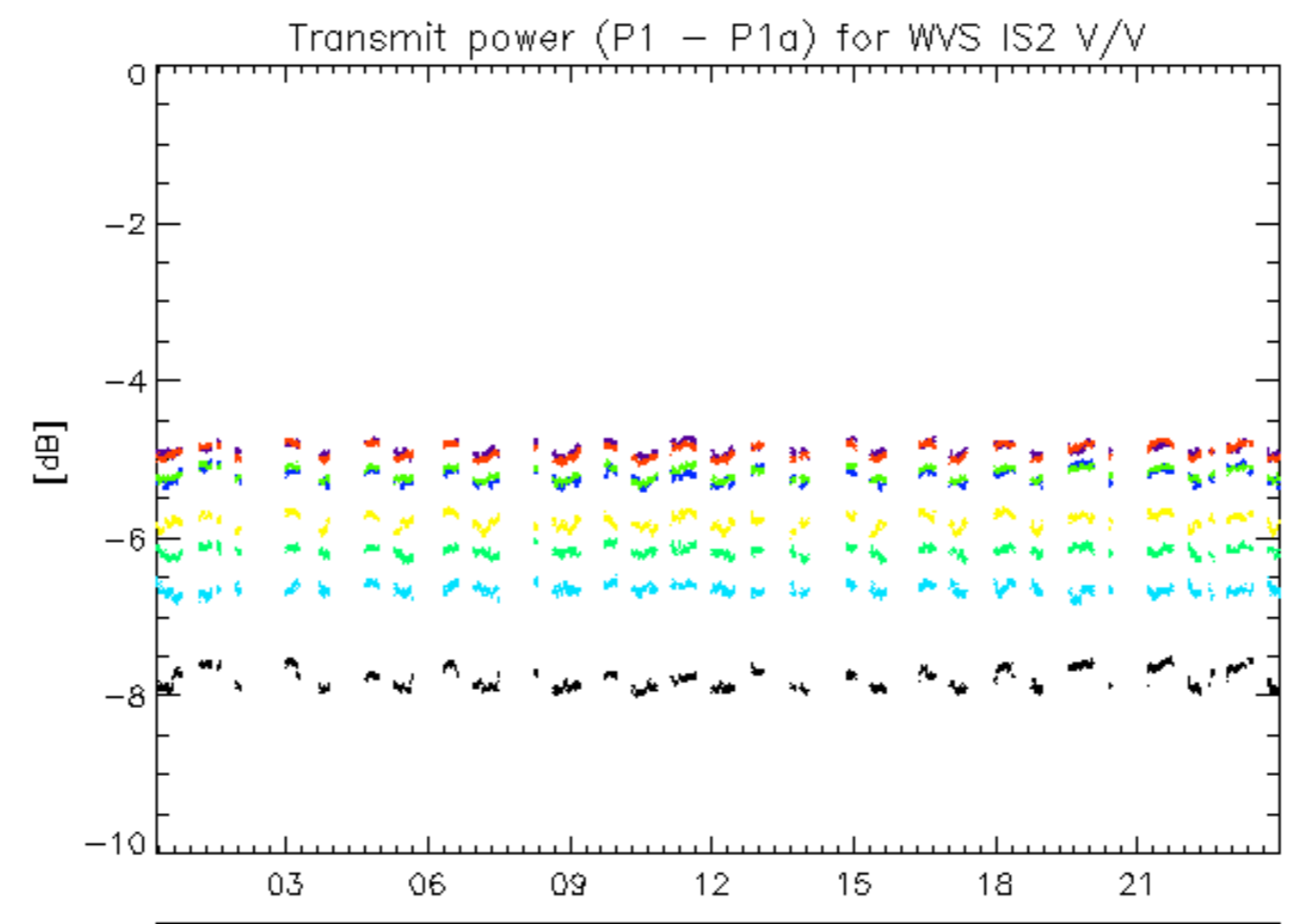


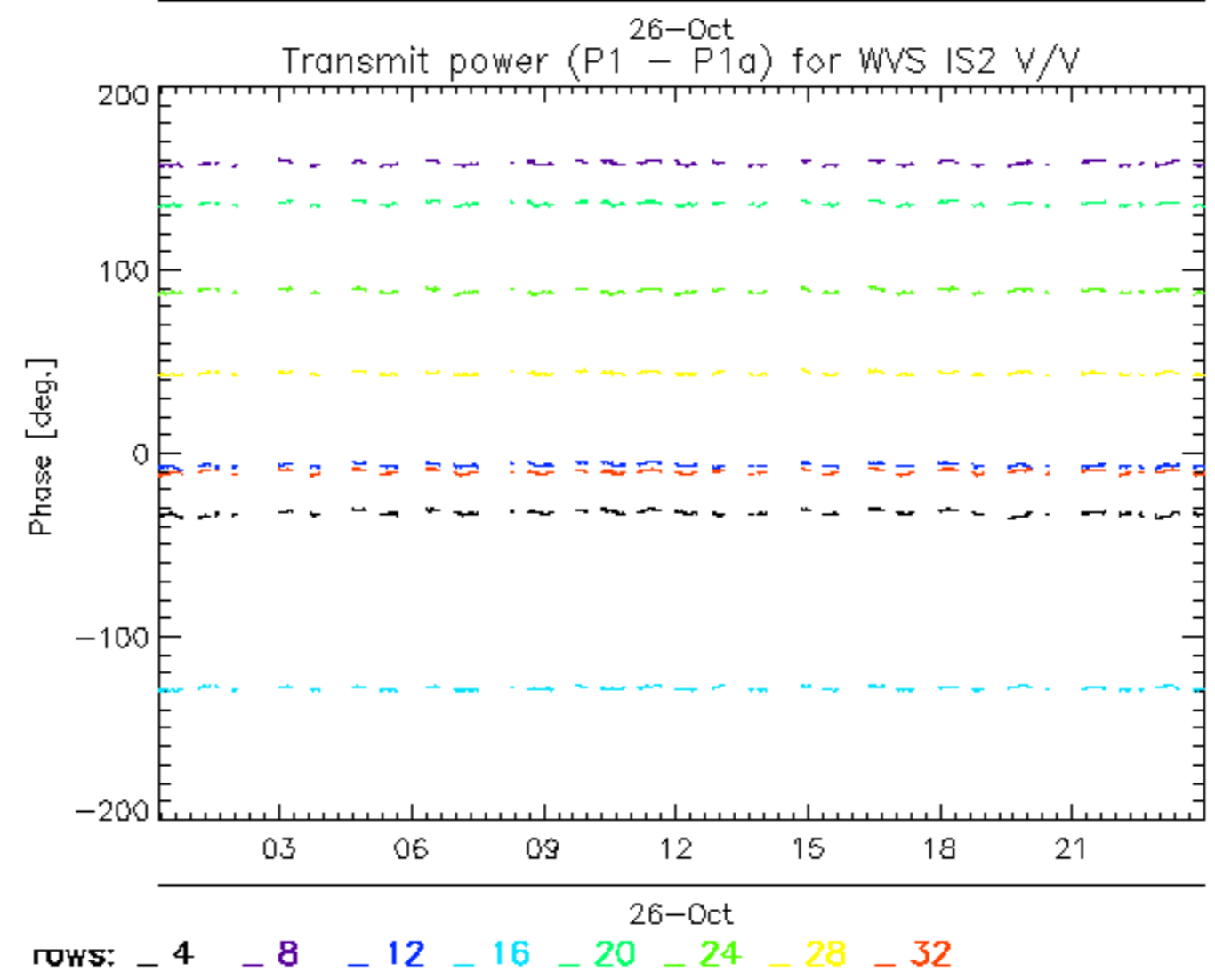
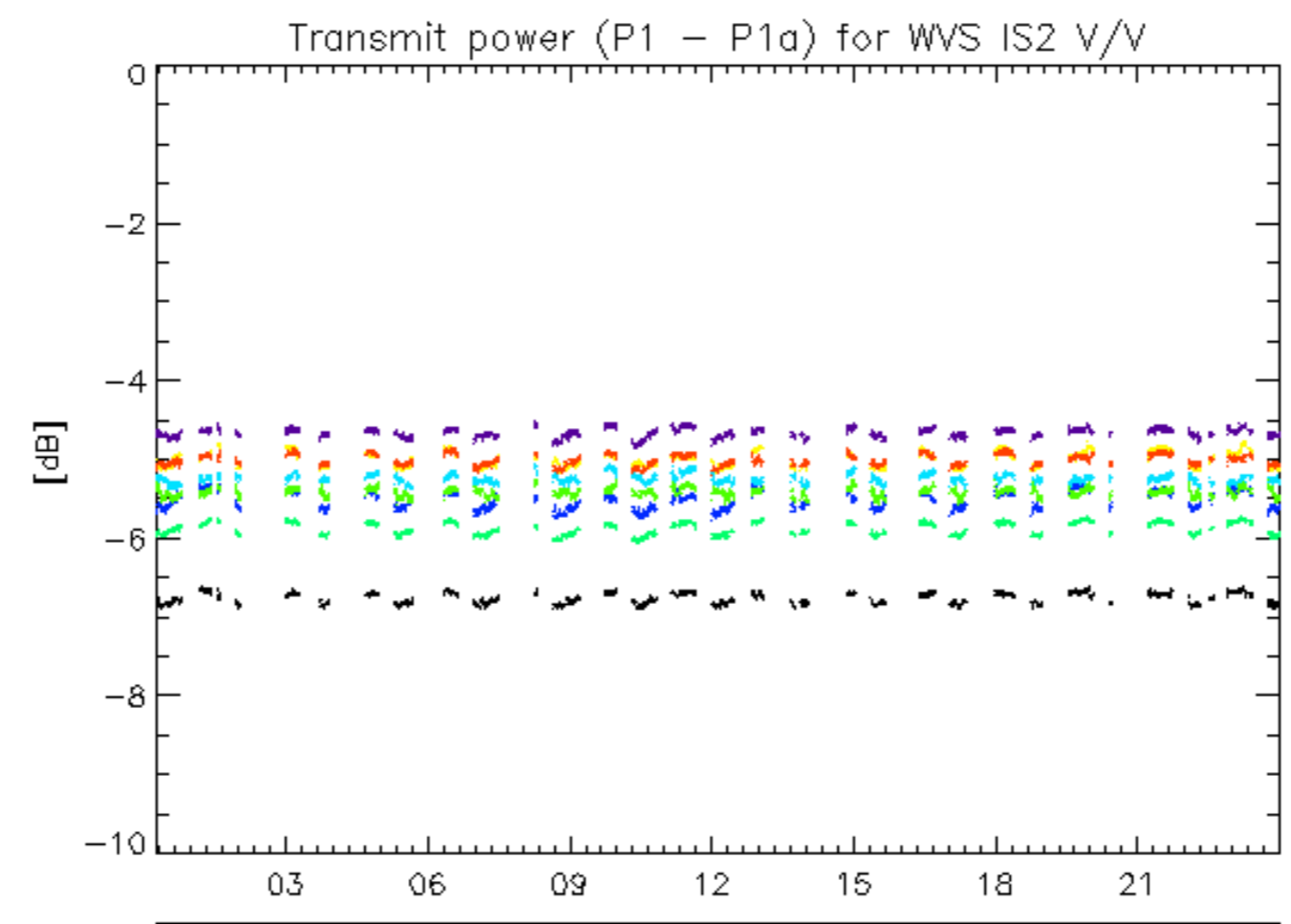




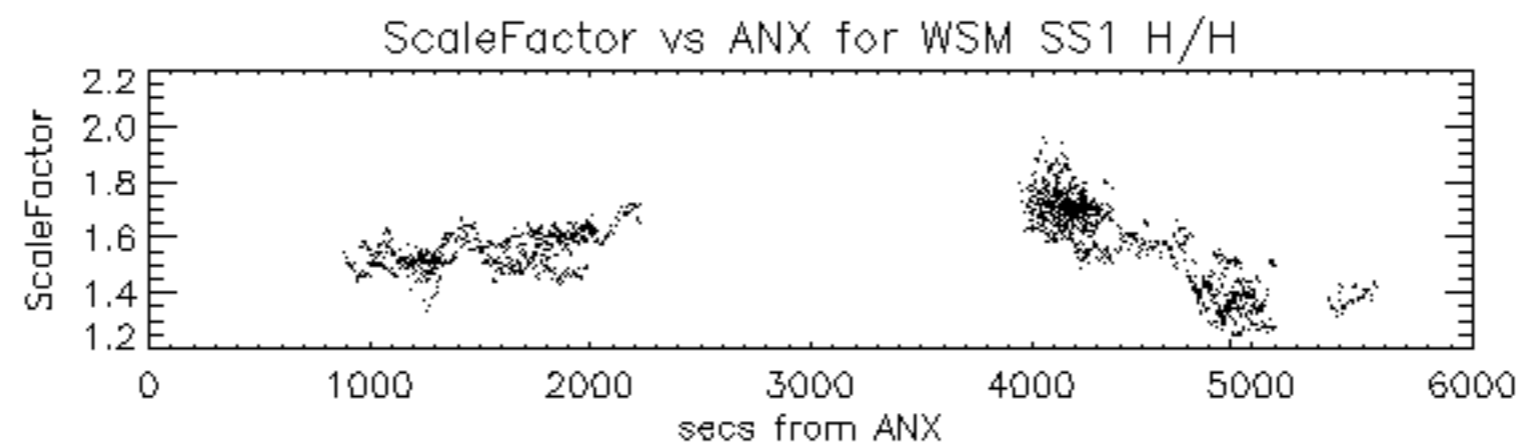


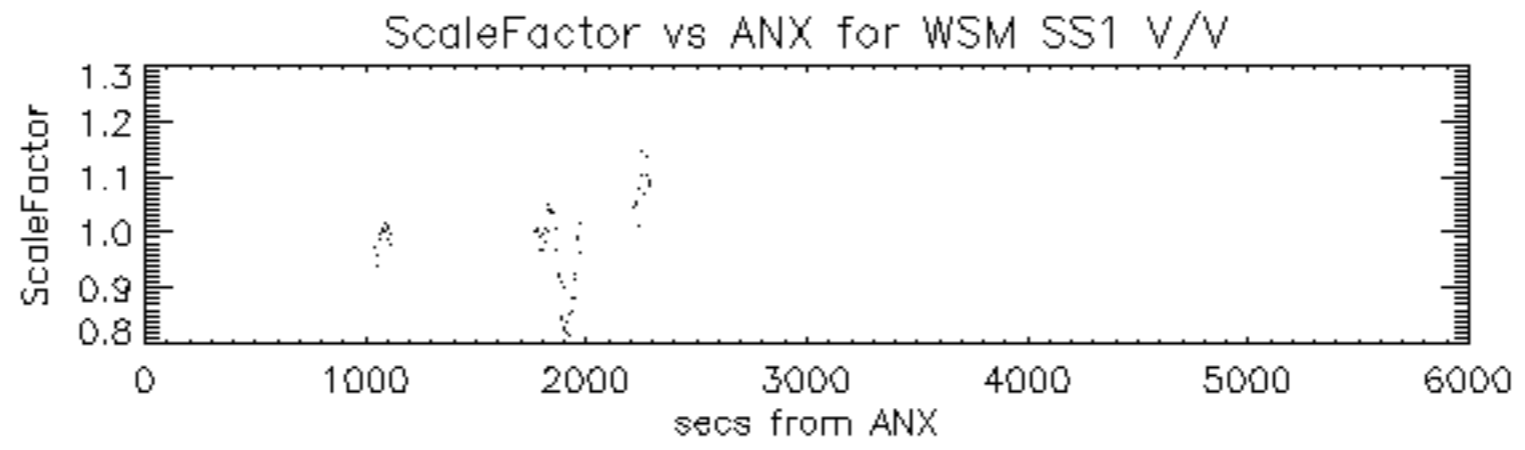


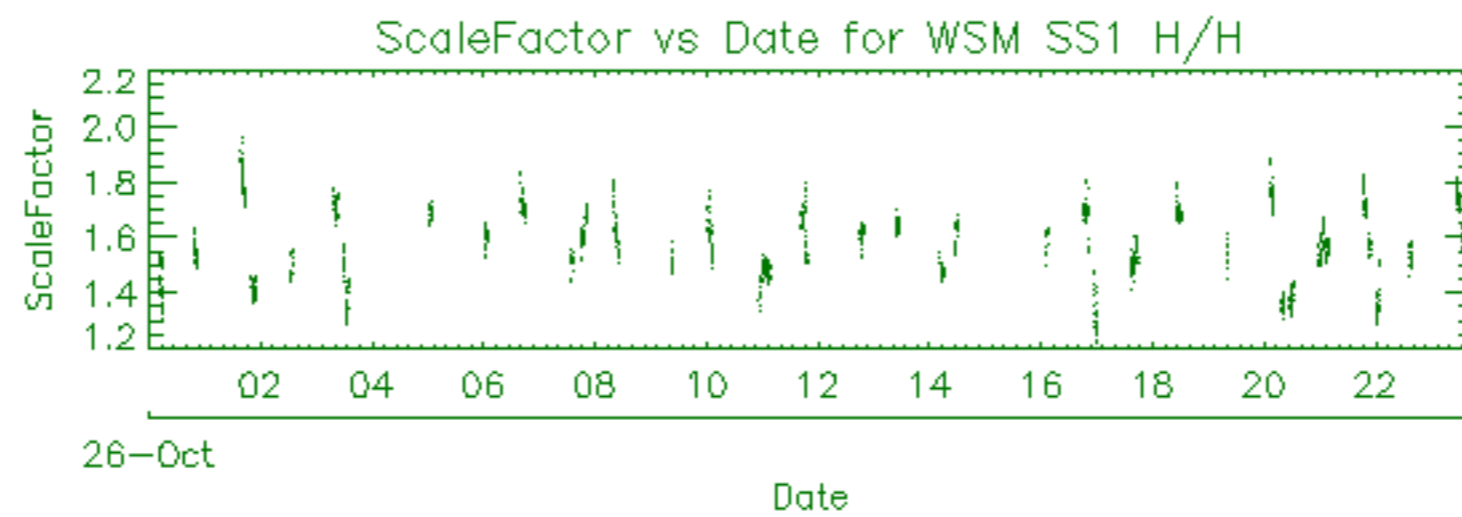


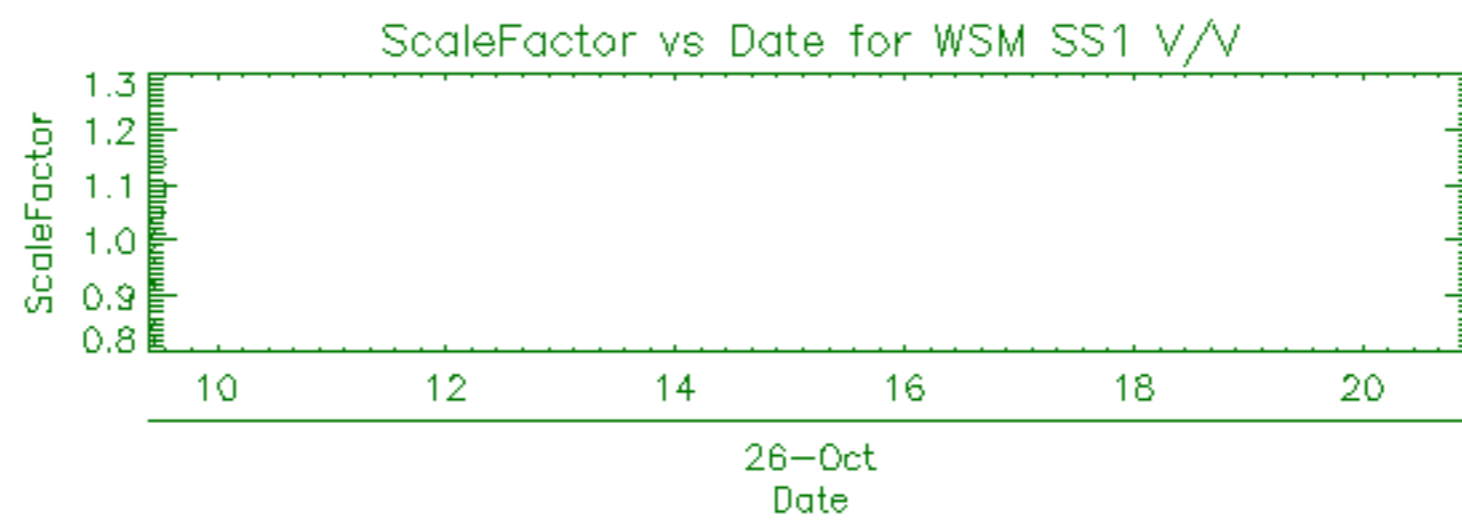












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDK20091026_140428_000000432083_00397_40030_5610.N1						IS6	H/H	83	40030	397	4.07



ASA_GM1_1PNPDK20091026_203128_000009782083_00400_40033_5760.N1	SS1	H/H	83	40033	400	4.07
ASA_GM1_1PNPDK20091026_205248_000001692083_00401_40034_5754.N1	SS1	H/H	83	40034	401	4.07
ASA_GM1_1PNPDE20091026_205431_000001022083_00401_40034_1915.N1	SS1	H/H	83	40034	401	4.07
ASA_GM1_1PNPDE20091026_211009_000001632083_00401_40034_1917.N1	SS1	H/H	83	40034	401	4.07
ASA_GM1_1PNPDE20091026_214453_000000842083_00401_40034_1919.N1	SS1	H/H	83	40034	401	4.07
ASA_GM1_1PNPDE20091026_215000_000001752083_00401_40034_1921.N1	SS1	H/H	83	40034	401	4.07
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ASA_GM1_1PNPDE20091026_222045_000005012083_00402_40035_1967.N1	SS1	H/H	83	40035	402	4.07
ASA_GM1_1PNPDE20091026_224329_000005612083_00402_40035_1972.N1	SS1	H/H	83	40035	402	4.07
ASA_GM1_1PNPDE20091026_231646_000001502083_00402_40035_1974.N1	SS1	H/H	83	40035	402	4.07
ASA_GM1_1PNPDE20091026_232529_000000962083_00402_40035_1979.N1	SS1	H/H	83	40035	402	4.07
ASA_GM1_1PNPDE20091026_233046_000001142083_00402_40035_1987.N1	SS1	H/H	83	40035	402	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20091026_005240_000000512083_00389_40022_1384.N1						IS2	H/H	83	40022	389	4.07
ASA_IMM_1PNPDE20091026_025311_000002042083_00390_40023_1455.N1						IS2	V/V	83	40023	390	4.07
ASA_IMM_1PNPDE20091026_032417_000000922083_00390_40023_1473.N1						IS2	H/H	83	40023	390	4.07
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ASA_IMM_1PNPDE20091026_043329_000001782083_00391_40024_1566.N1						IS2	V/V	83	40024	391	4.07
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ASA_IMM_1PNPDE20091026_061713_000000542083_00392_40025_1586.N1						IS2	V/V	83	40025	392	4.07
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ASA_IMM_1PNPDE20091026_174630_000000392083_00399_40032_1835.N1						IS2	H/H	83	40032	399	4.07
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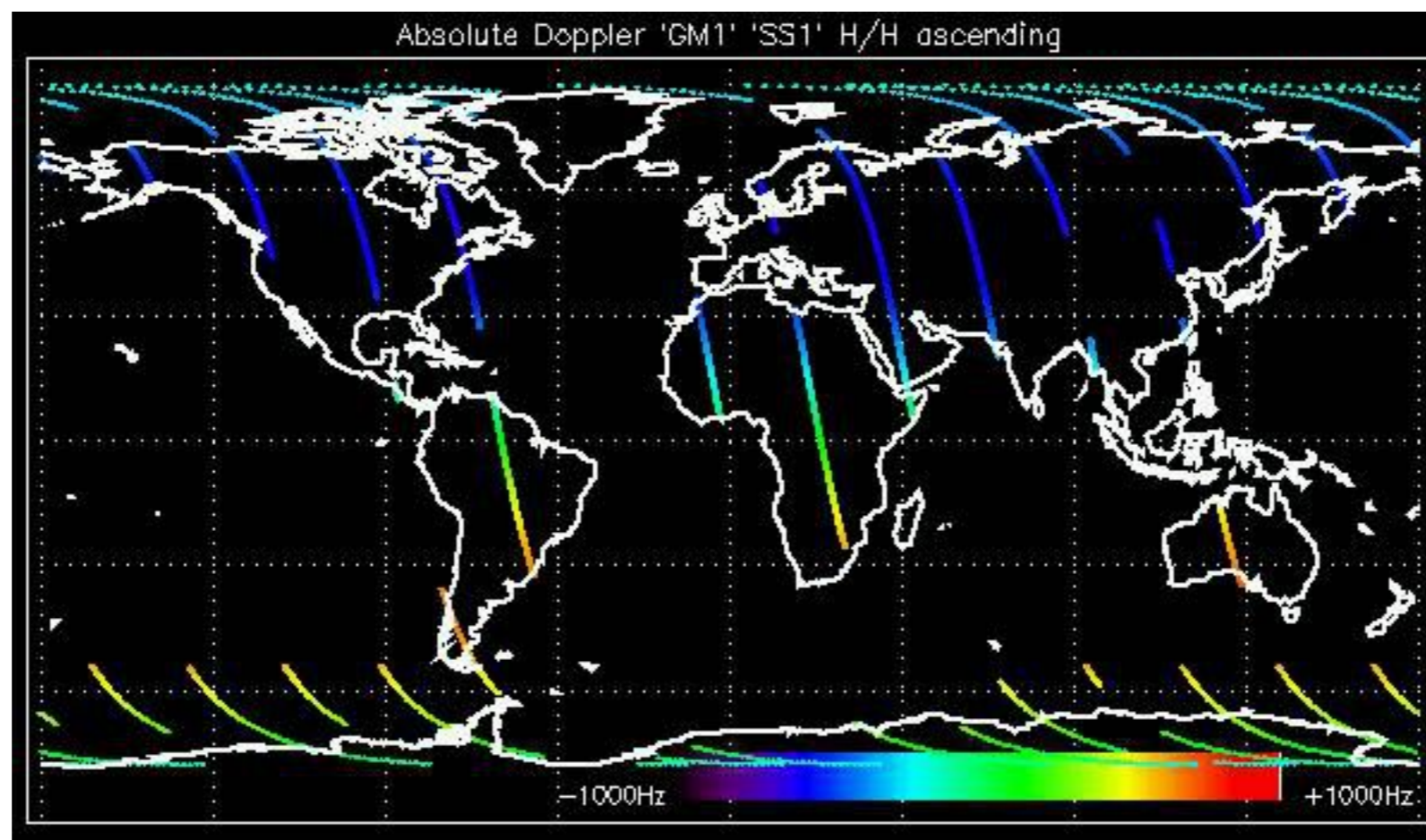


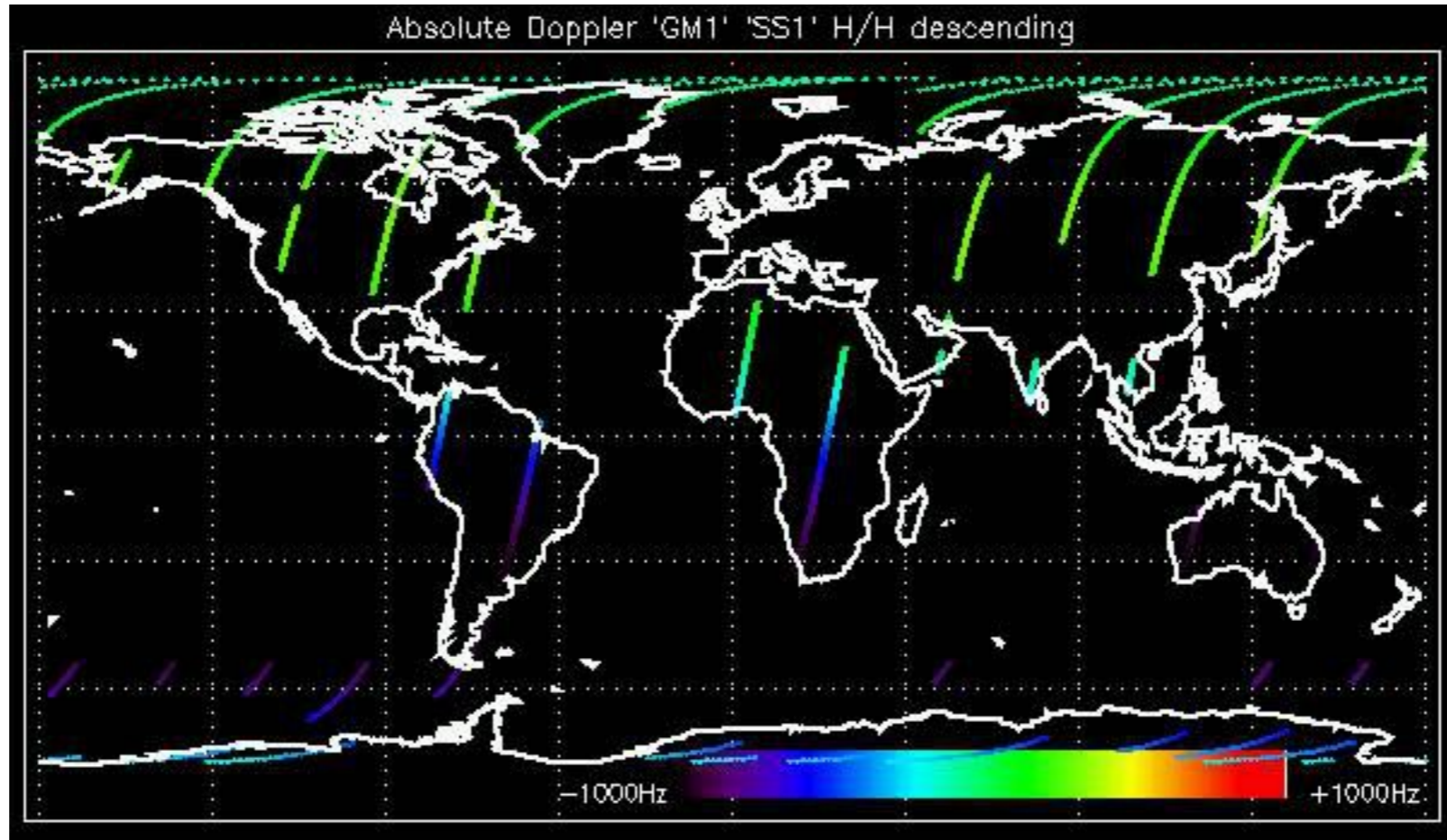
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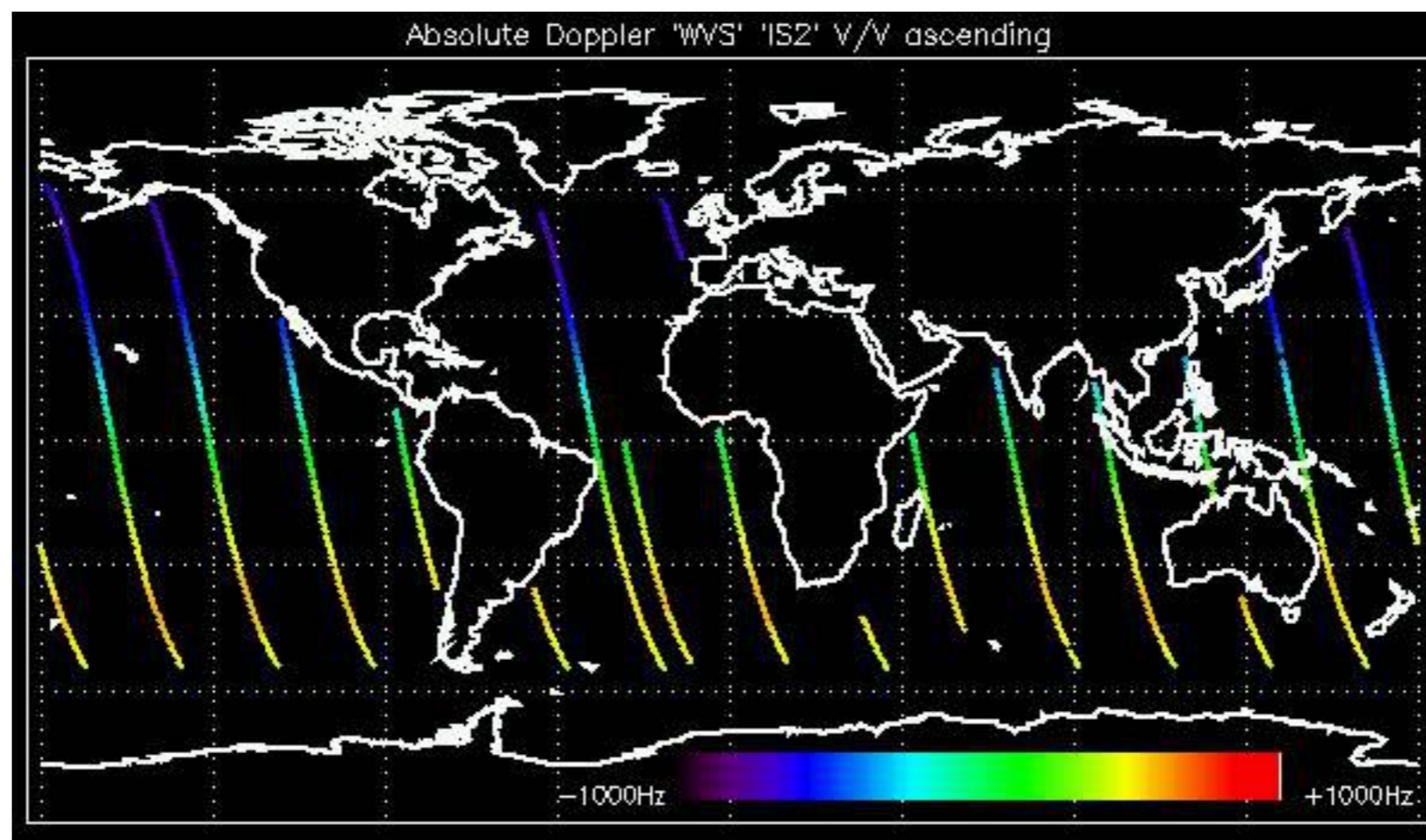


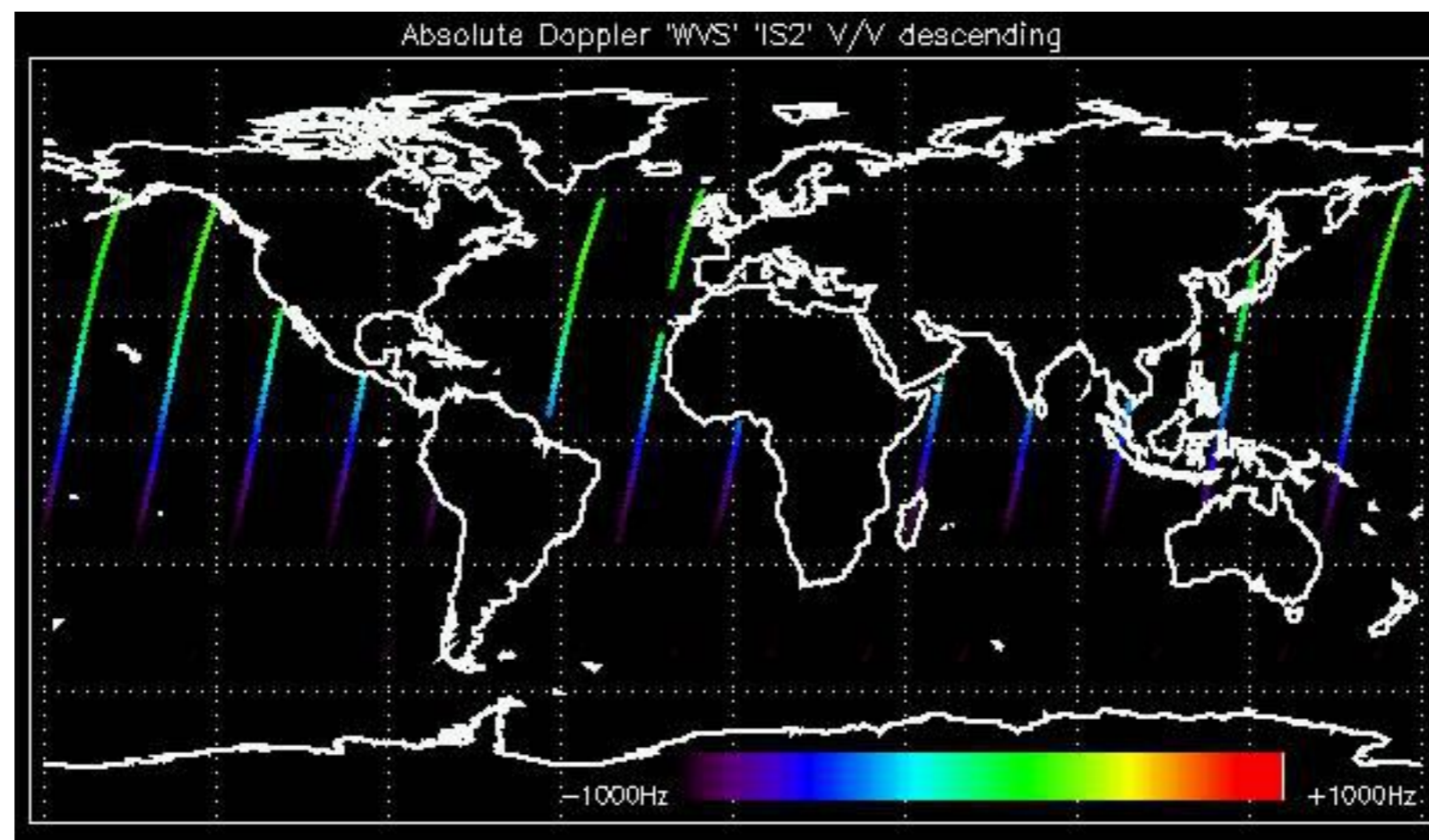


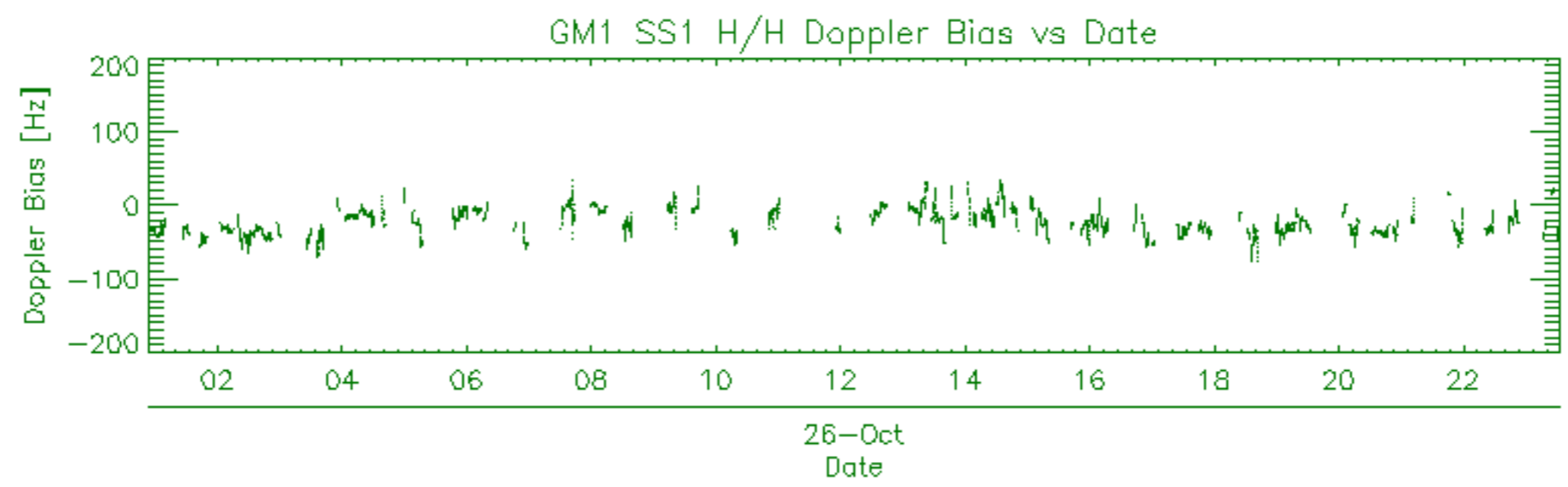
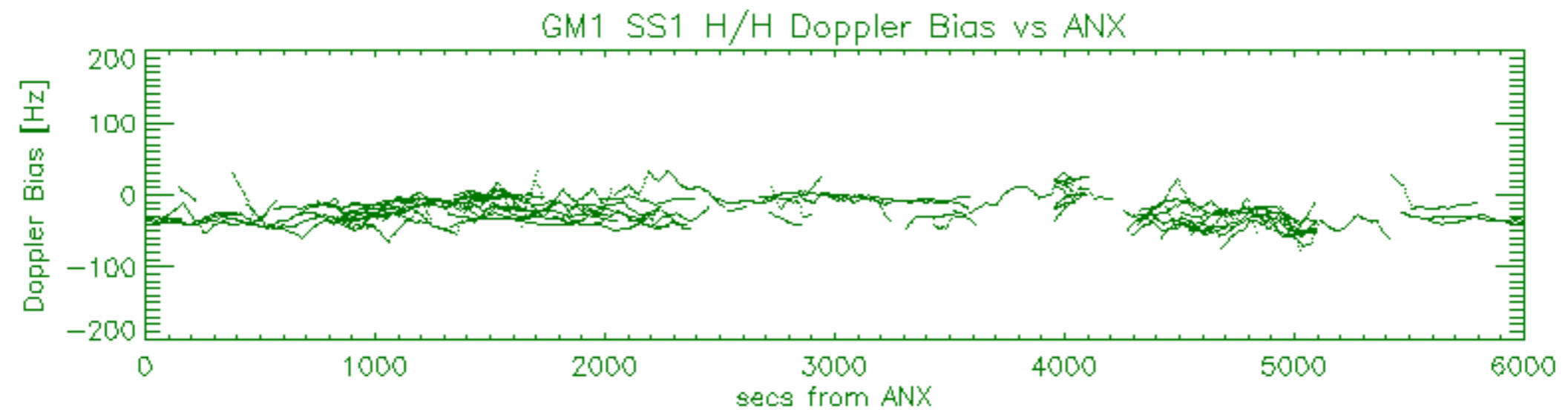
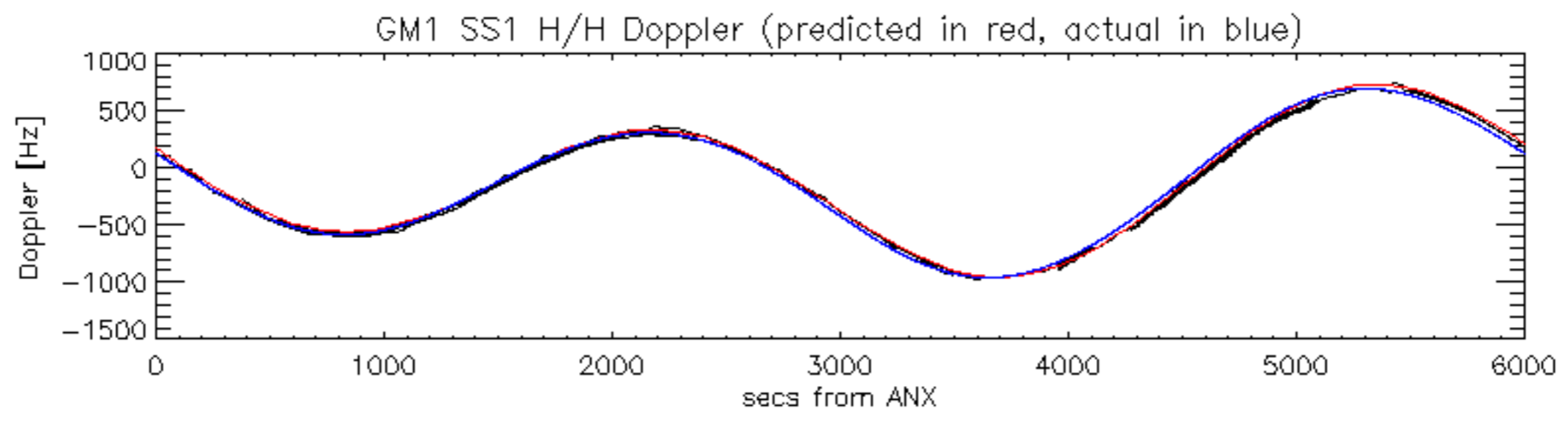
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ASA_WVS_1PNPDE20091026_011001_000009752083_00389_40022_1370.N1						IS2	V/V	83	40022	389	4.07
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ASA_WVS_1PNPDE20091026_015636_000001342083_00389_40022_1376.N1						IS2	V/V	83	40022	389	4.07
ASA_WVS_1PNPDE20091026_015751_000002552083_00389_40022_1440.N1						IS2	V/V	83	40022	389	4.07
ASA_WVS_1PNPDE20091026_015636_000001342083_00389_40022_1376.N1						IS1	V/V	83	40022	389	4.07
ASA_WVS_1PNPDE20091026_030004_000009892083_00390_40023_1449.N1						IS2	V/V	83	40023	390	4.07
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ASA_WVS_1PNPDE20091026_034245_000007192083_00390_40023_1525.N1						IS2	V/V	83	40023	390	4.07
ASA_WVS_1PNPDE20091026_044116_000007342083_00391_40024_1522.N1						IS2	V/V	83	40024	391	4.07
ASA_WVS_1PNPDE20091026_045301_000003152083_00391_40024_1599.N1						IS2	V/V	83	40024	391	4.07
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ASA_WVS_1PNPDE20091026_051757_000014092083_00391_40024_1627.N1						IS2	V/V	83	40024	391	4.07
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ASA_WVS_1PNPDK20091026_125005_000008692083_00396_40029_5592.N1						IS2	V/V	83	40029	396	4.07
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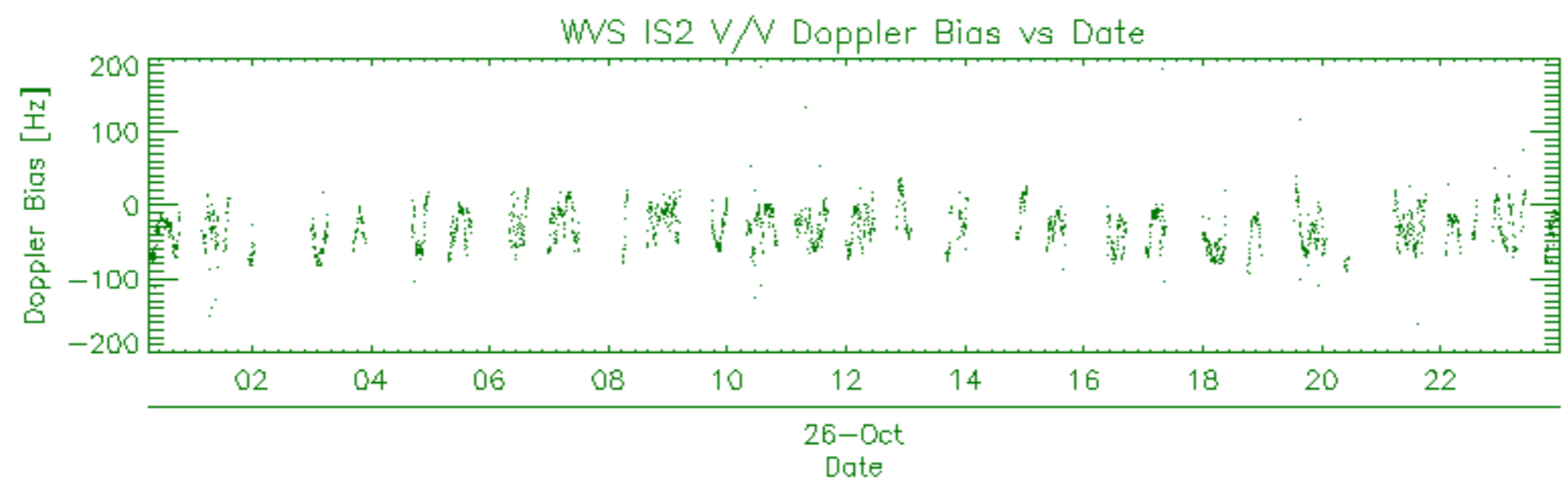
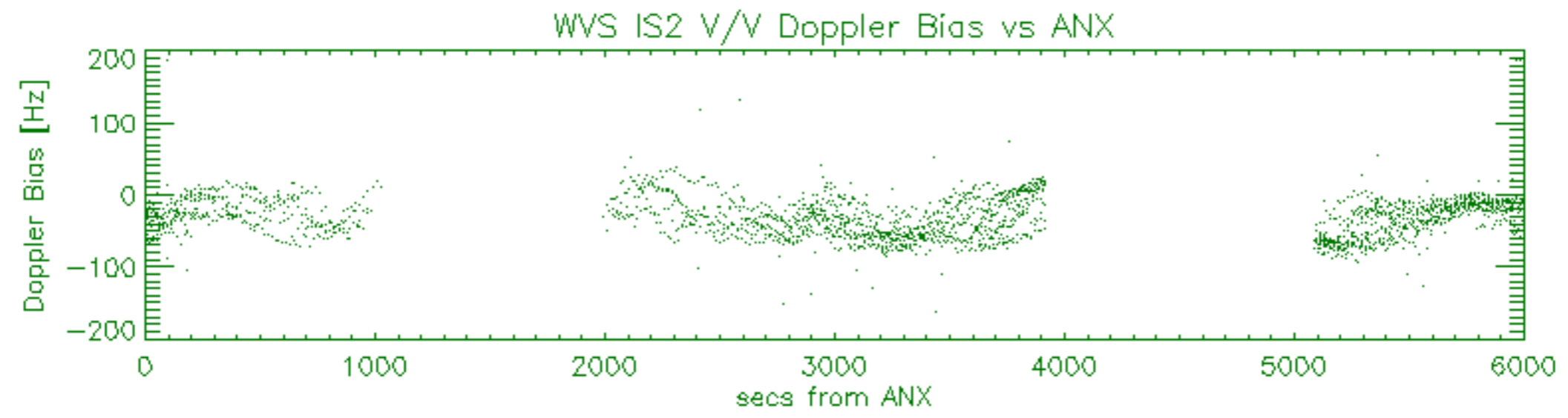
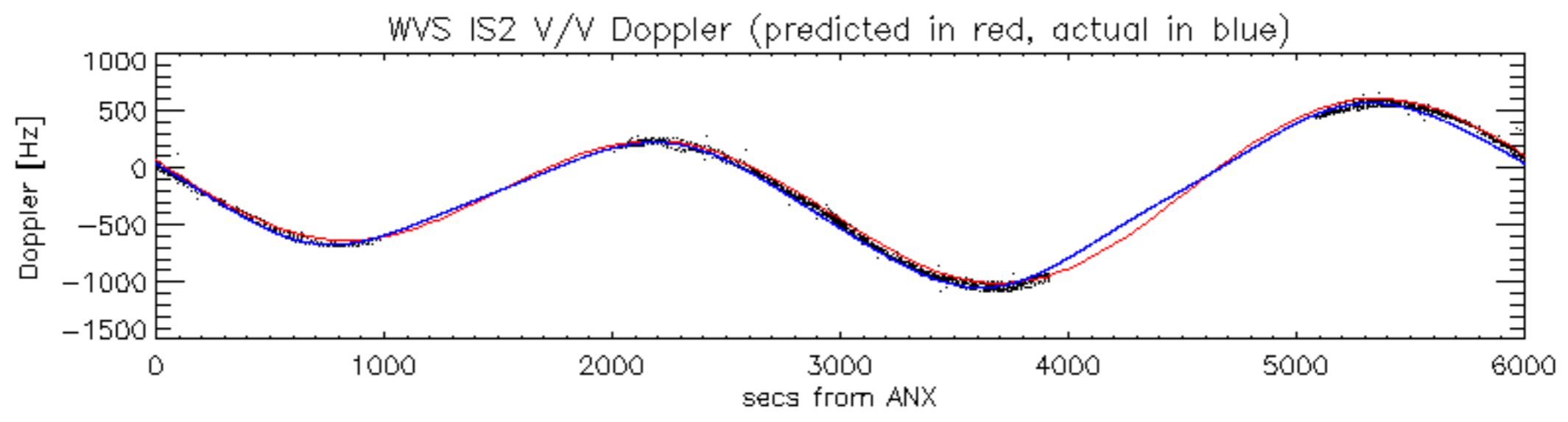


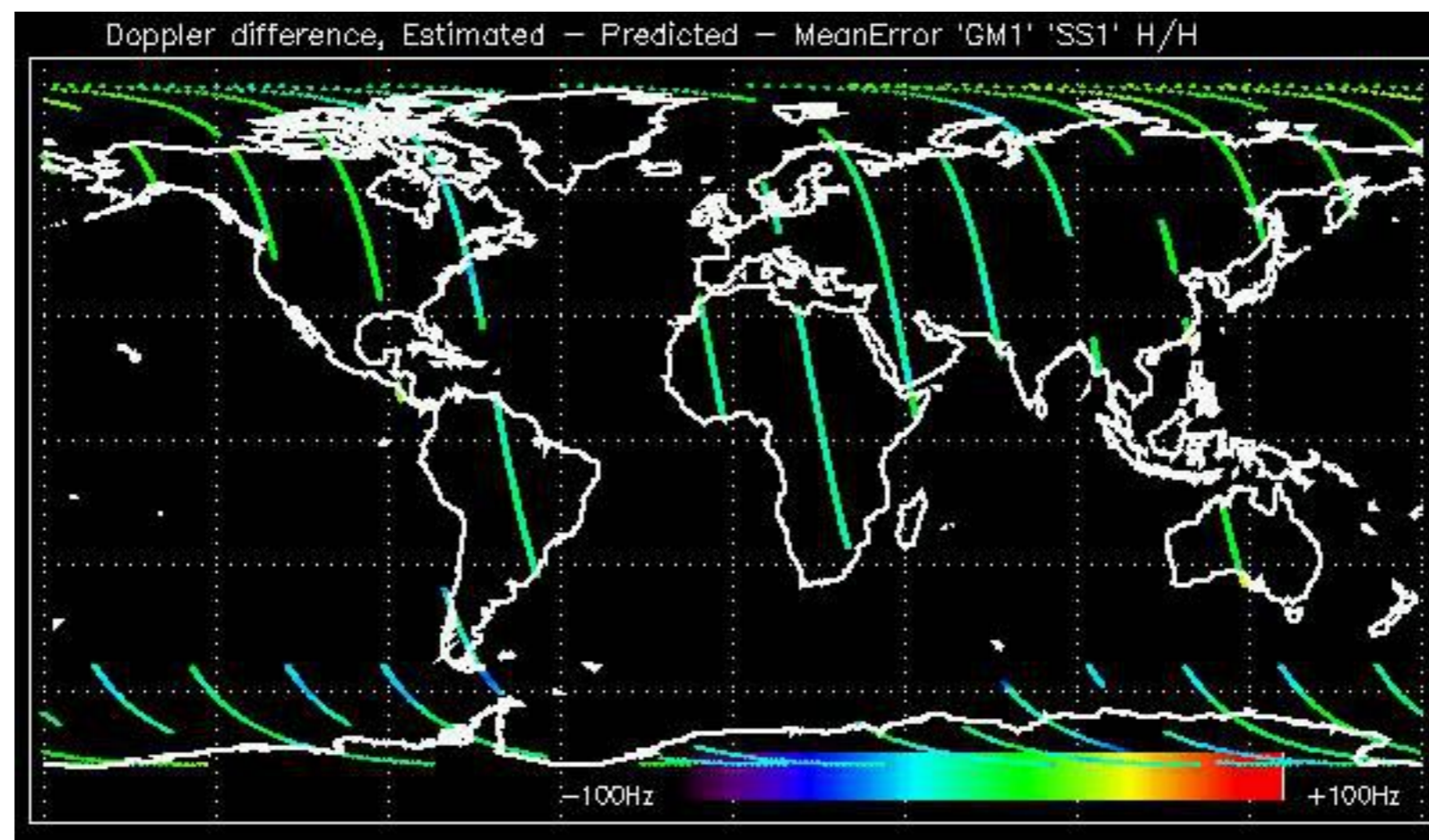


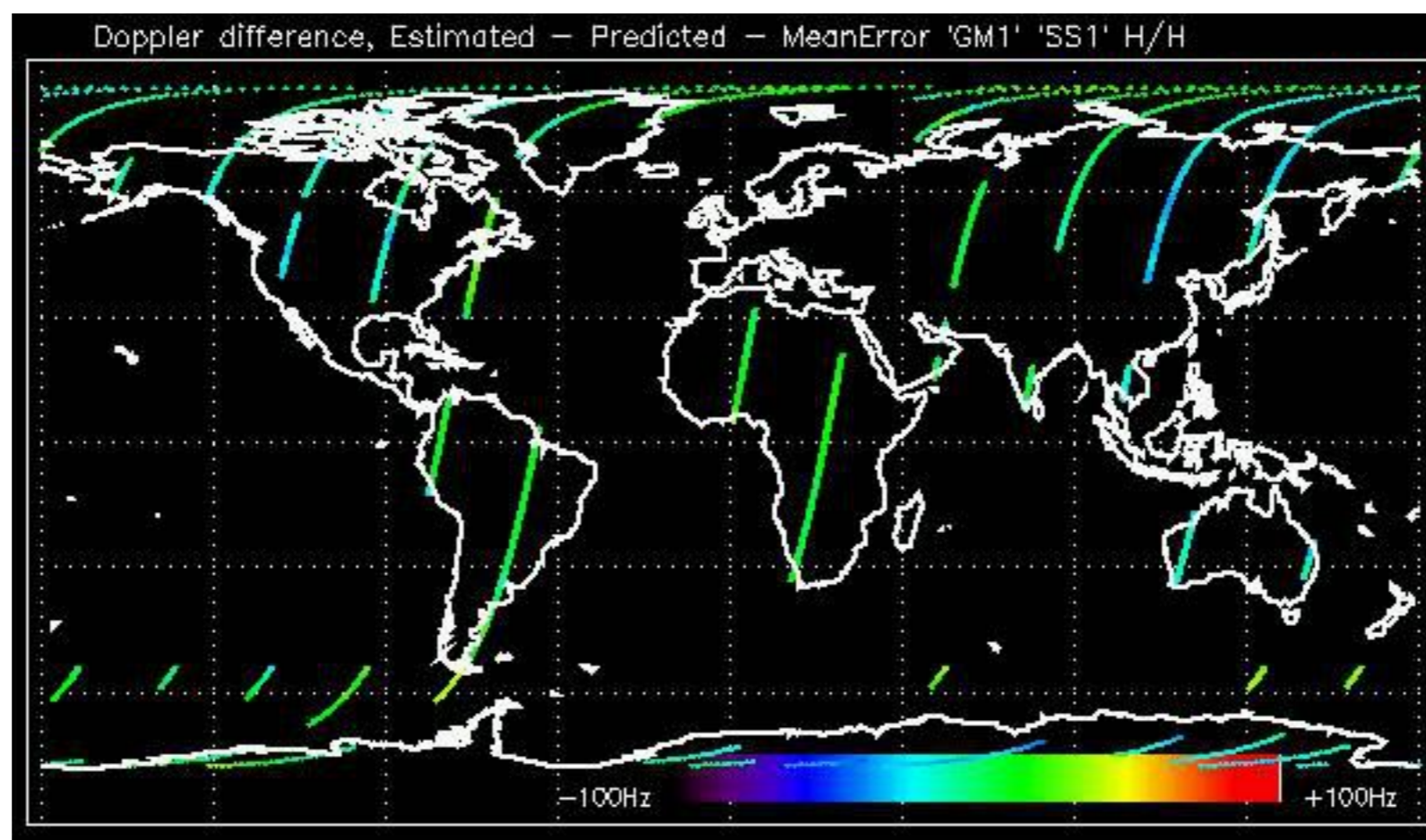


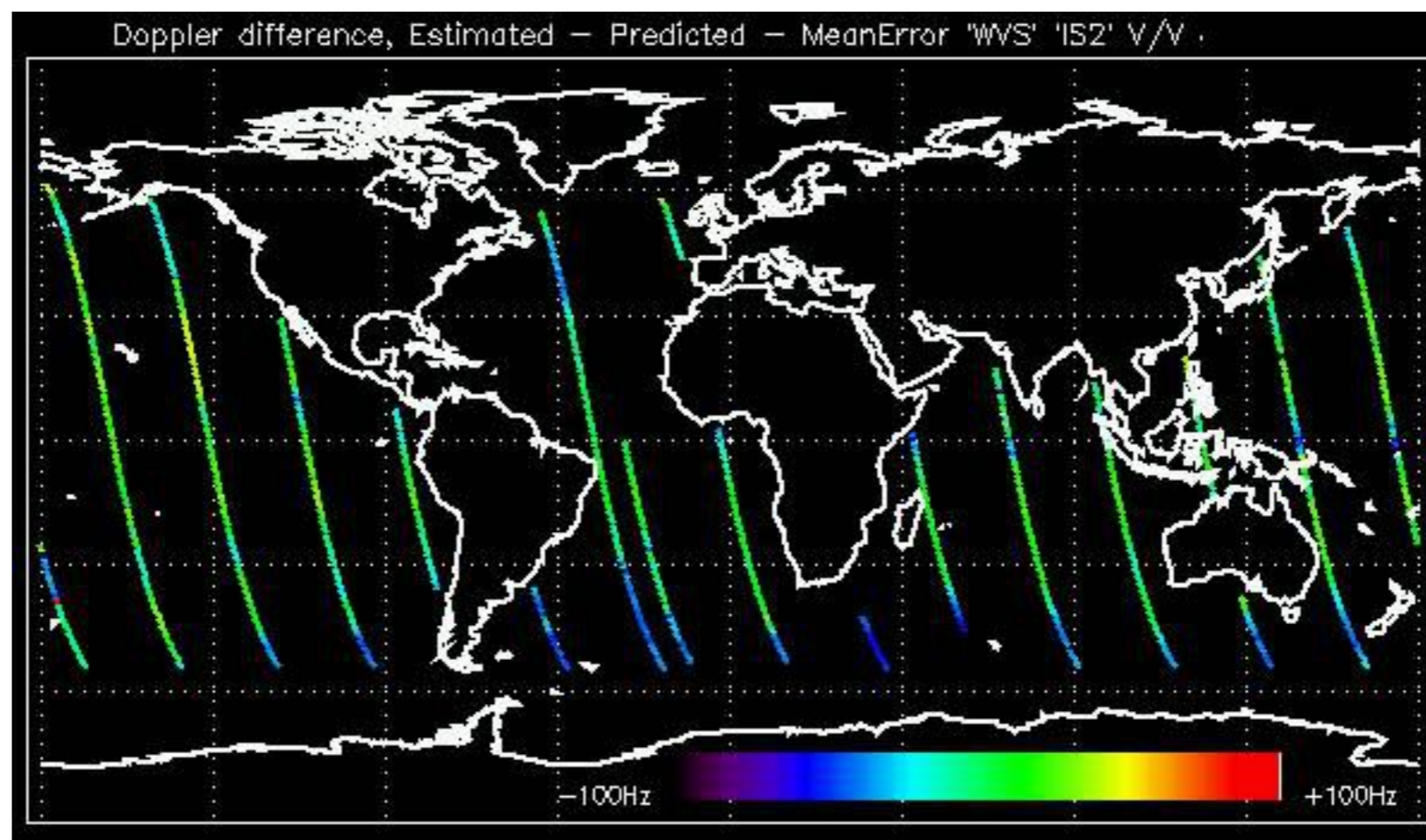


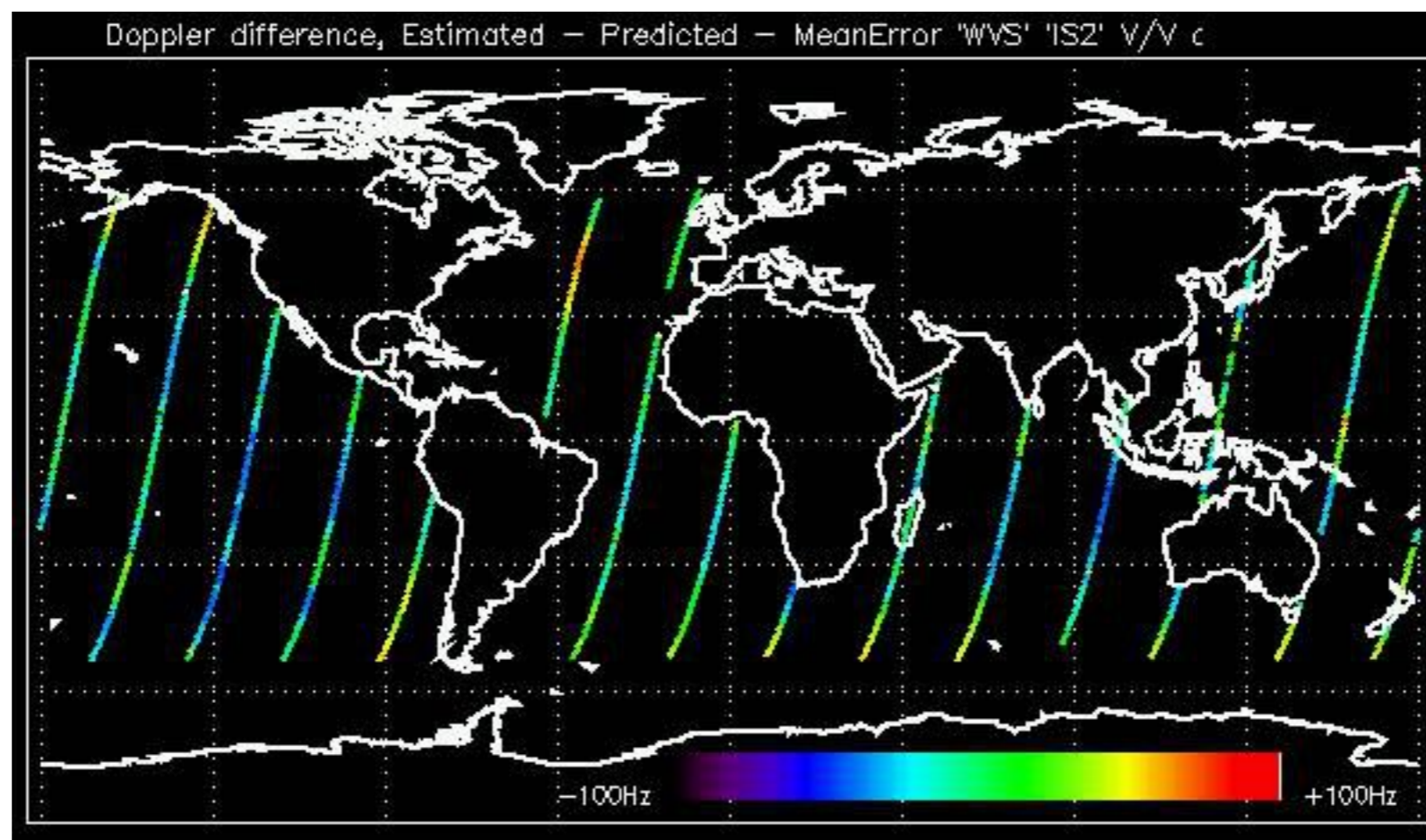


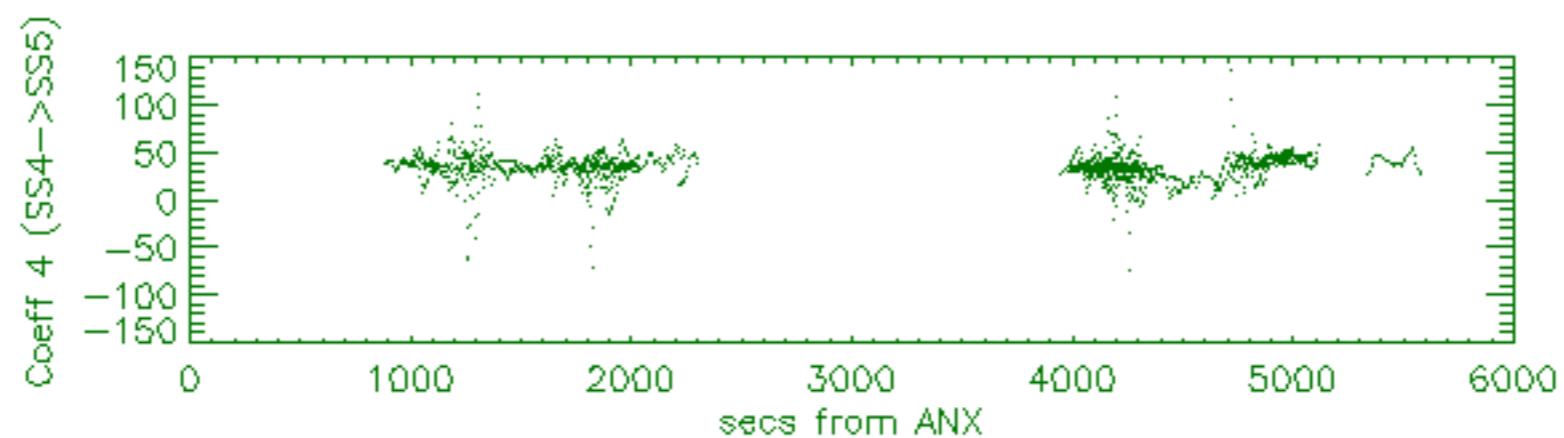
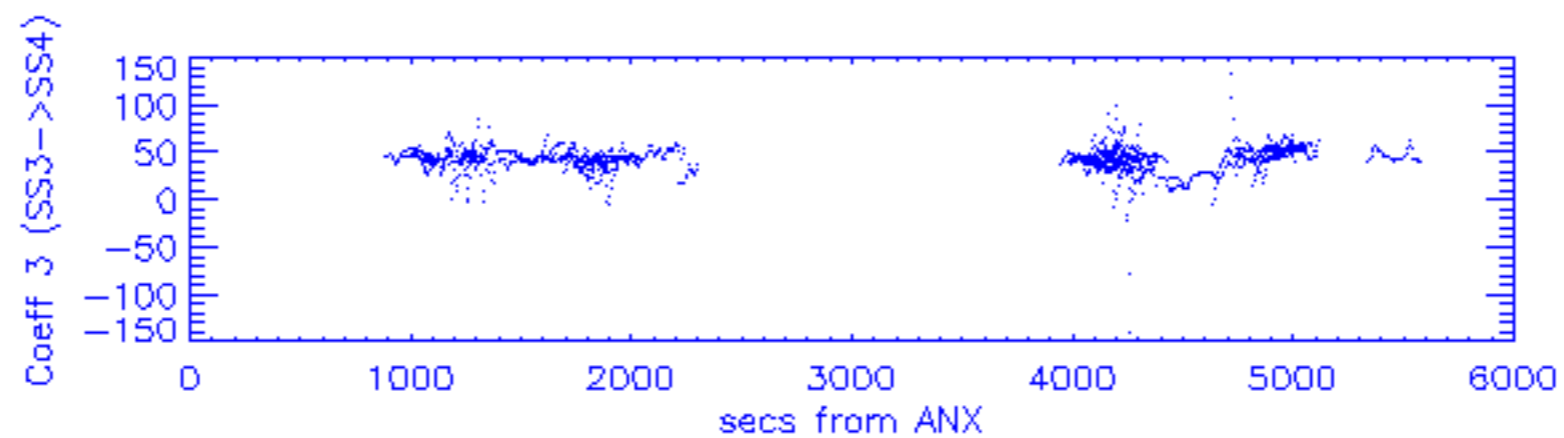
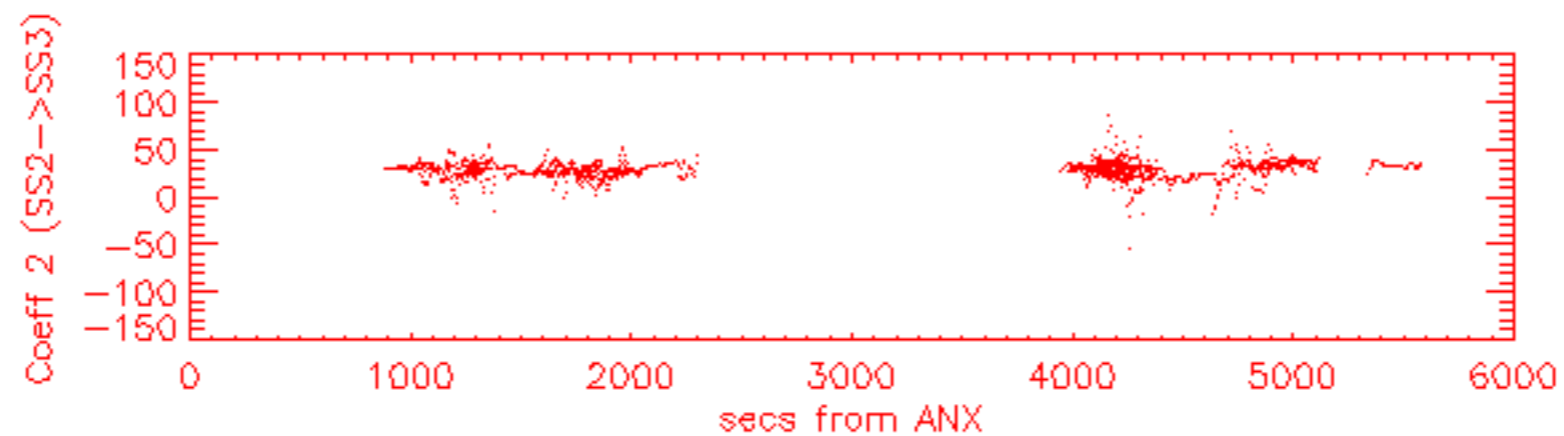
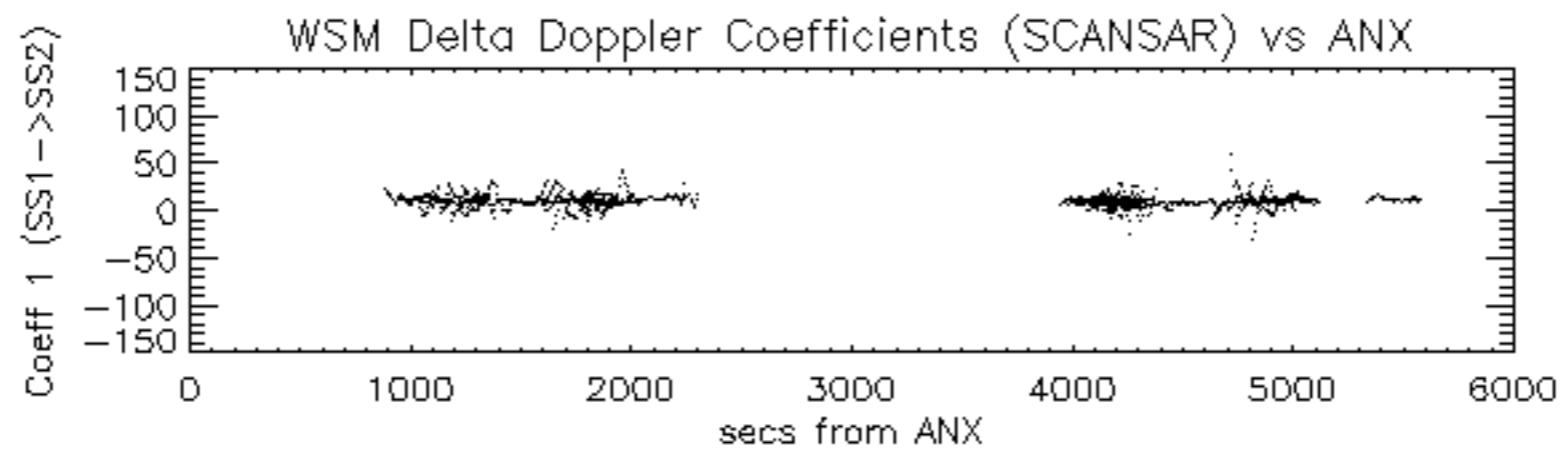


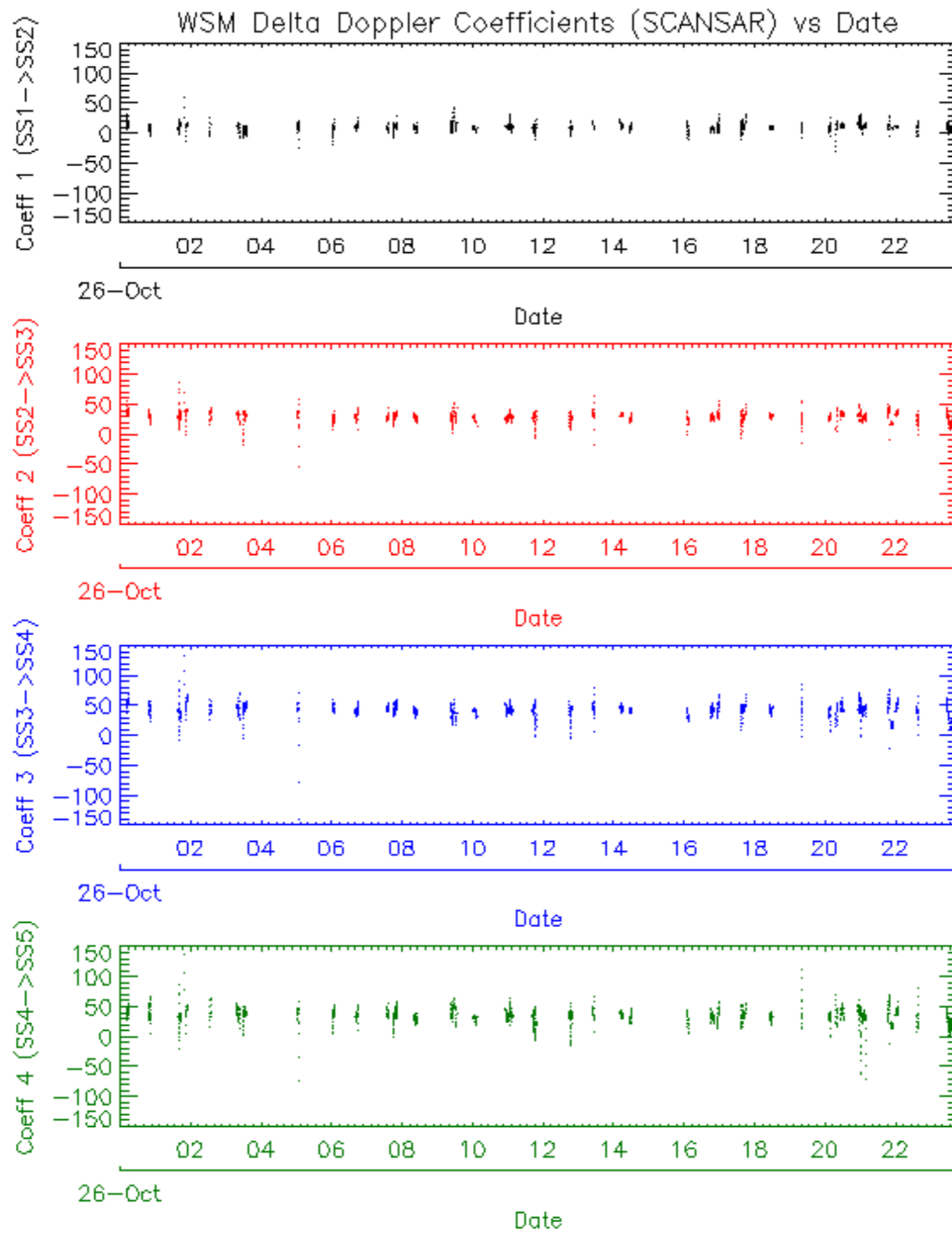




















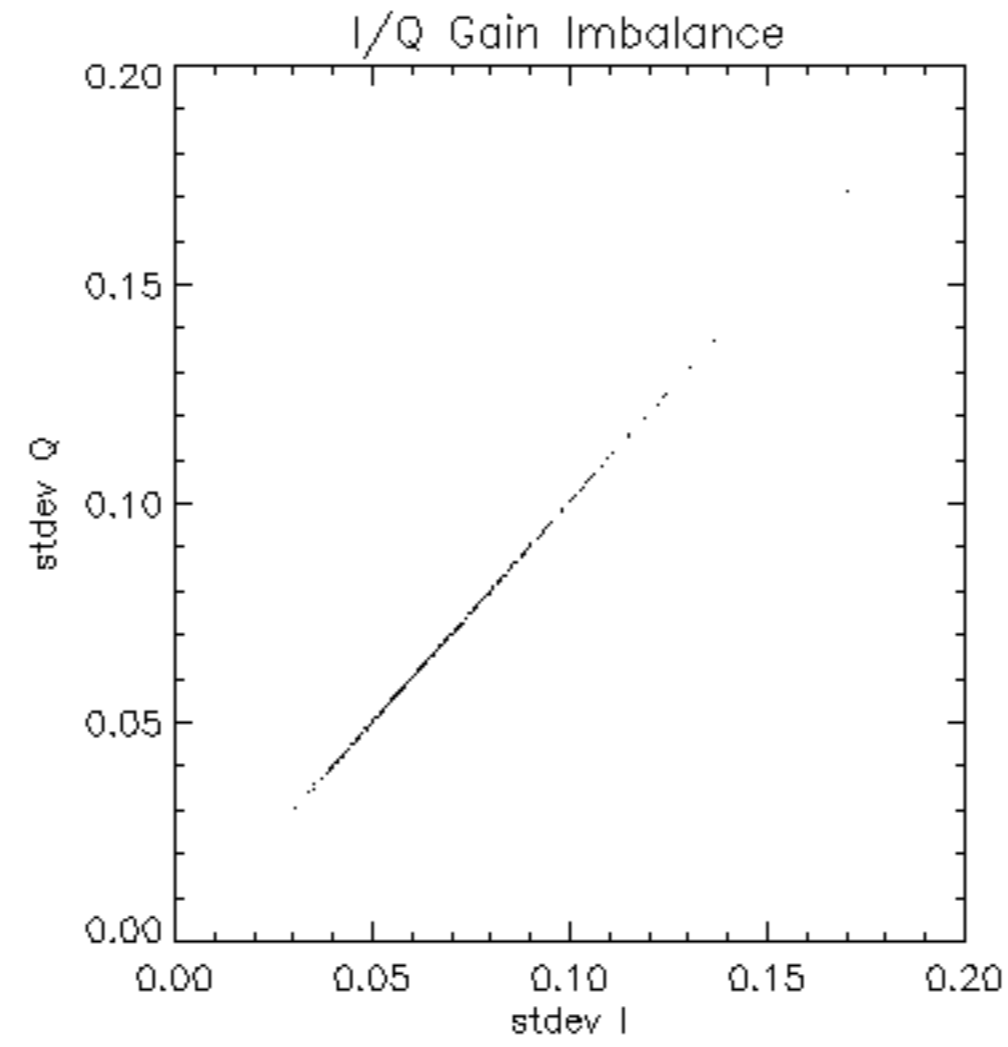




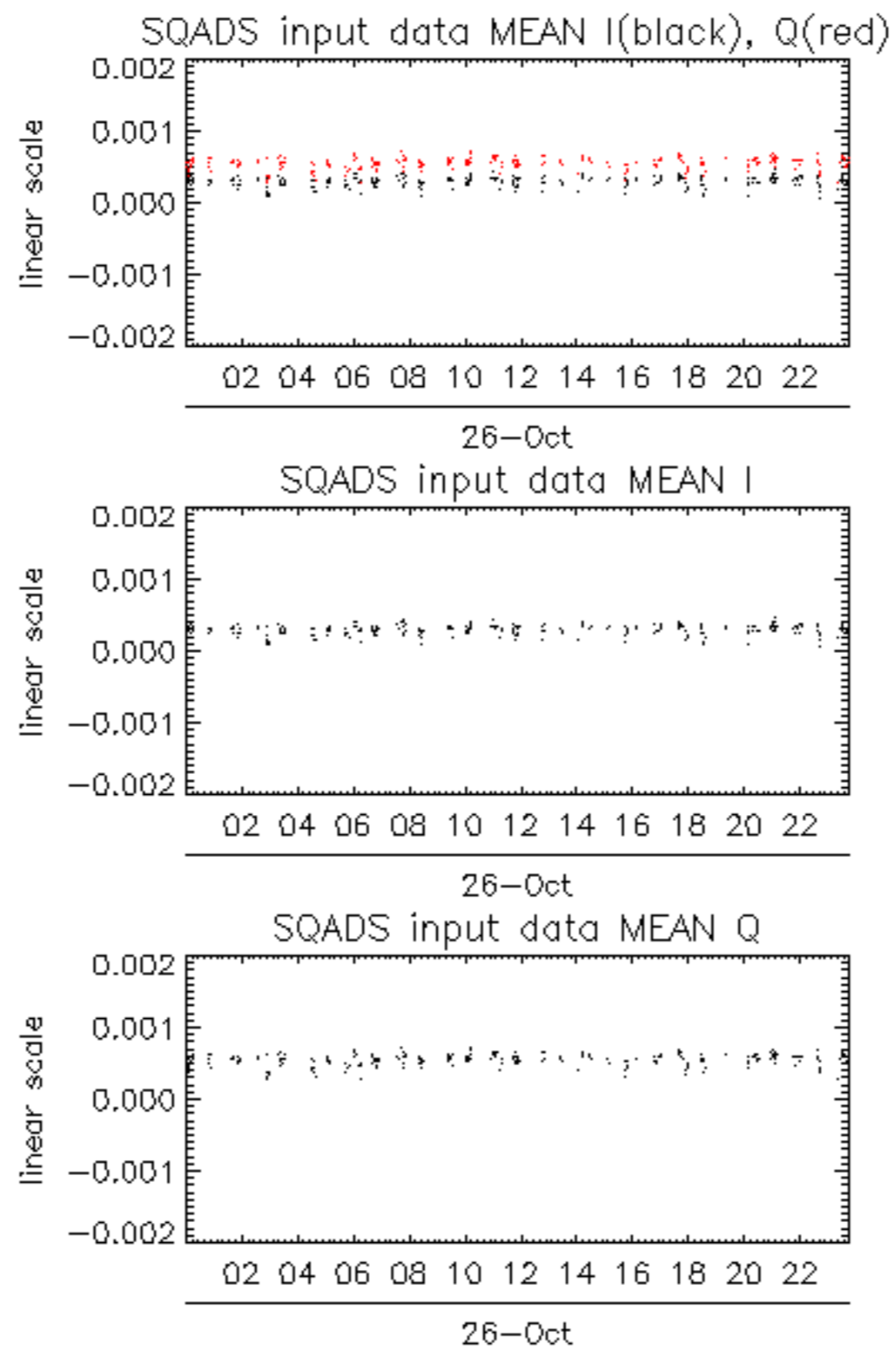


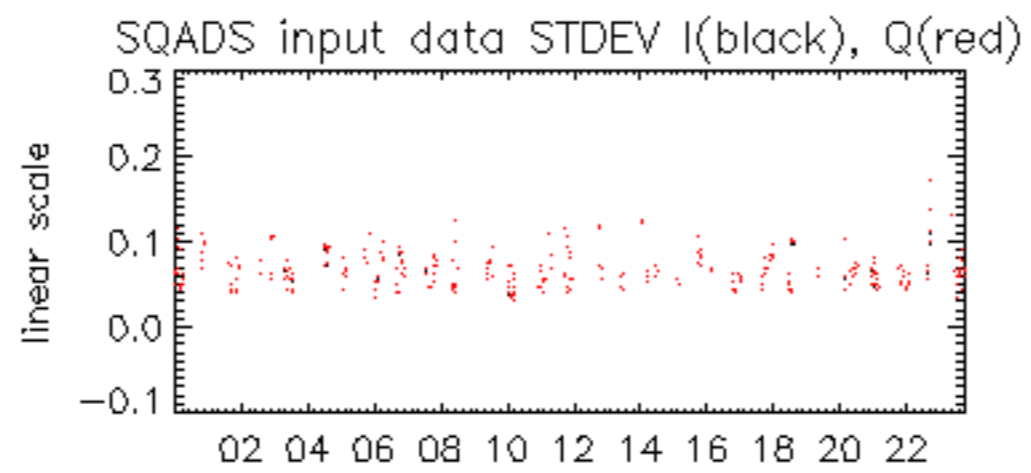




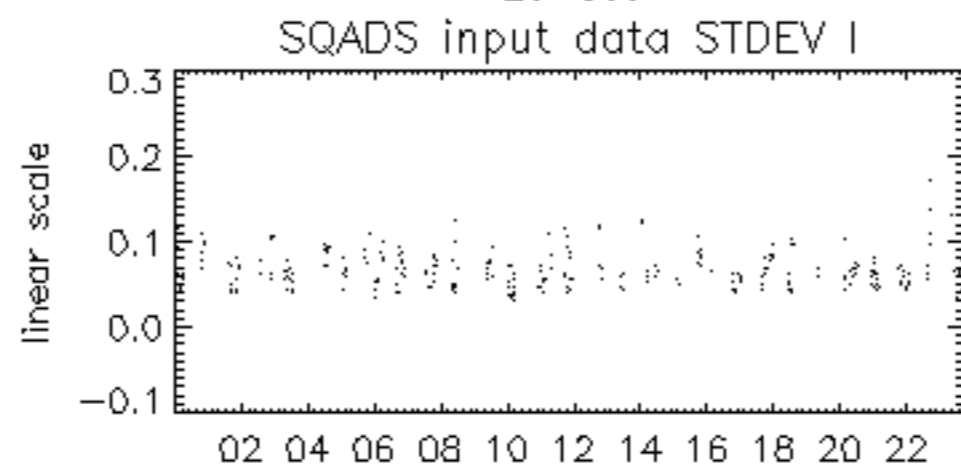




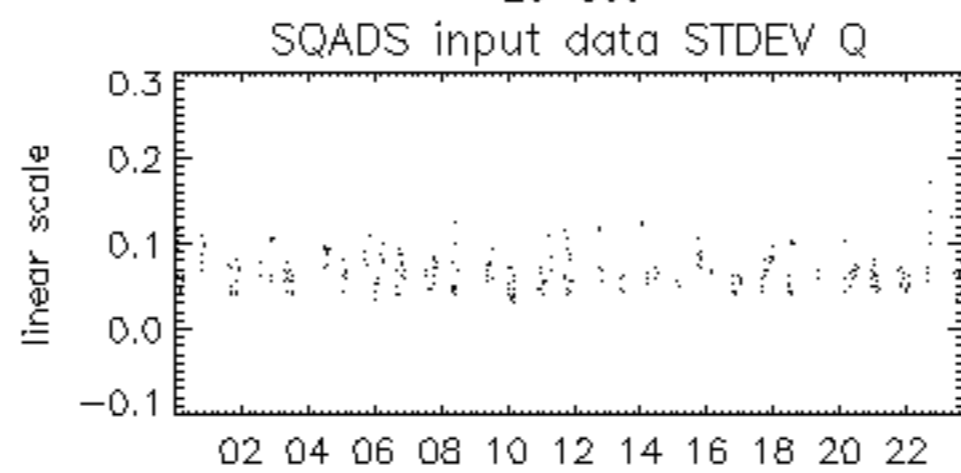




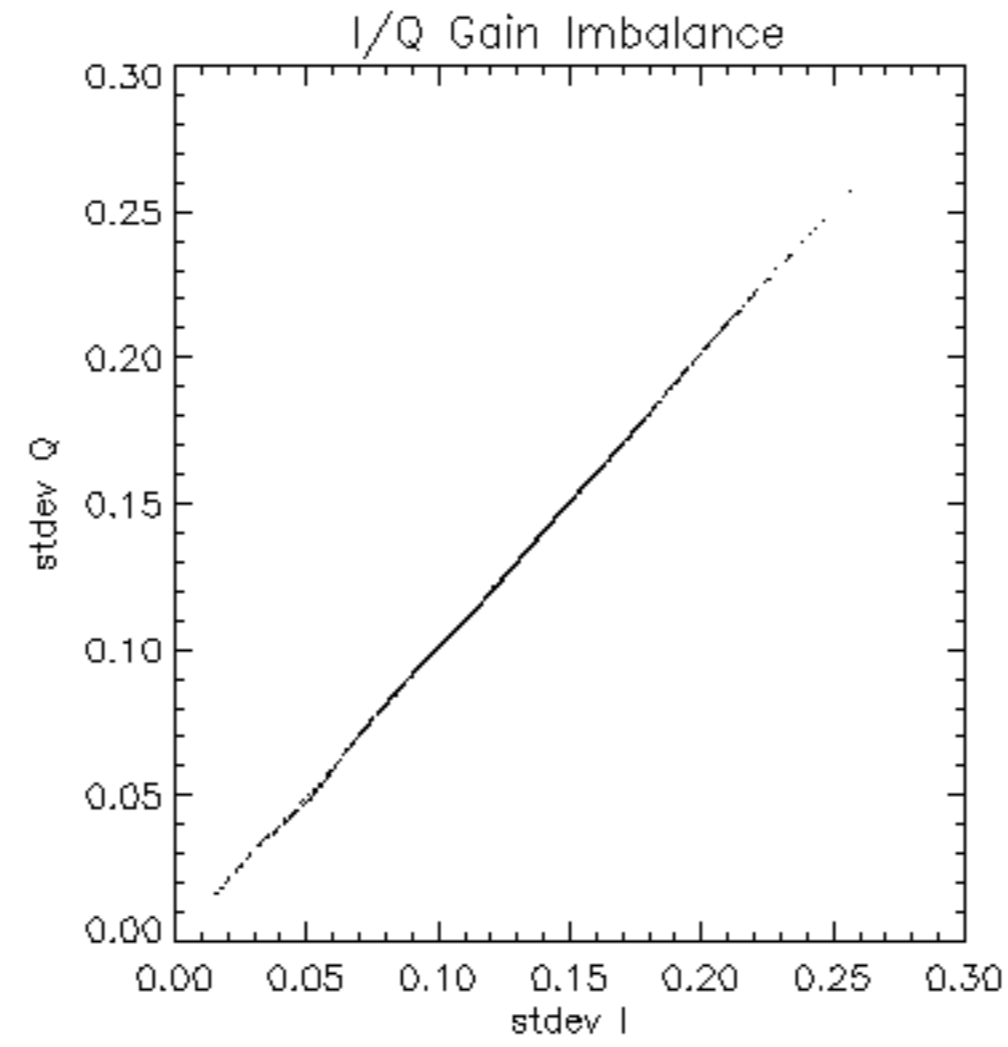
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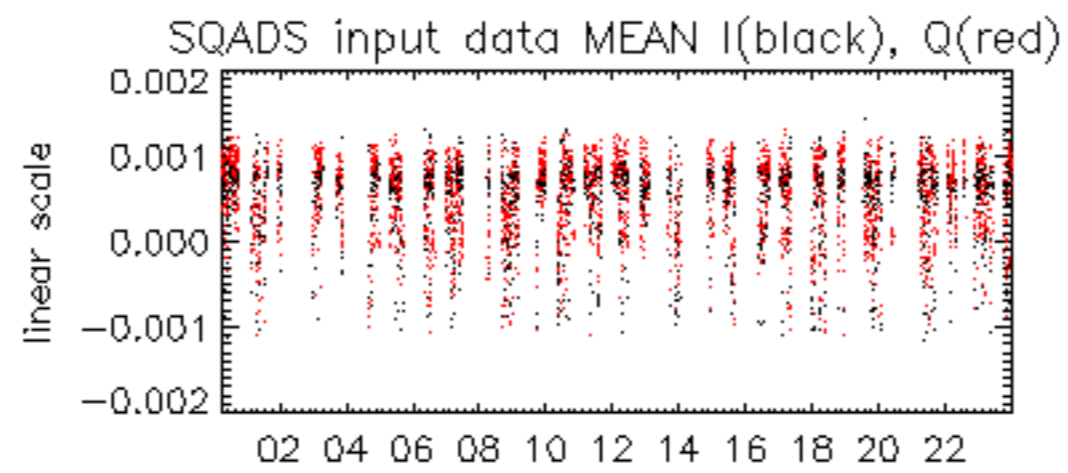


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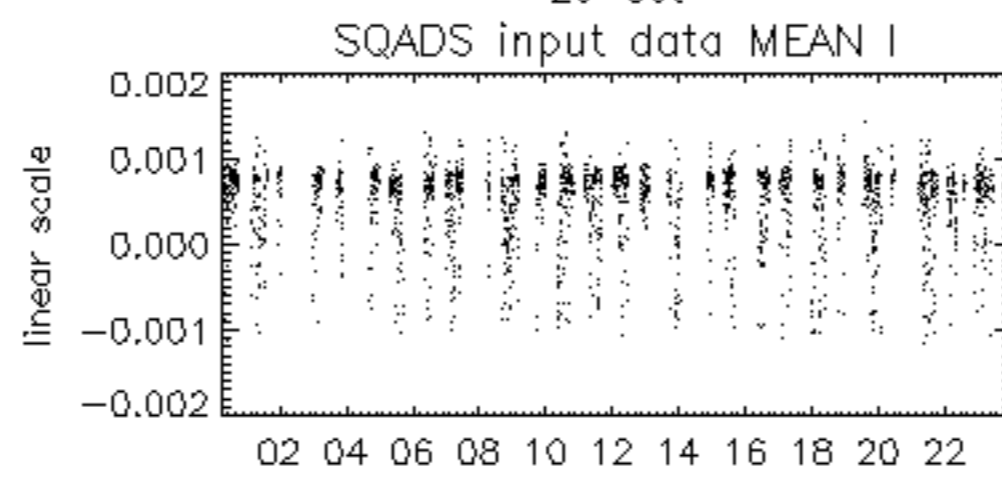


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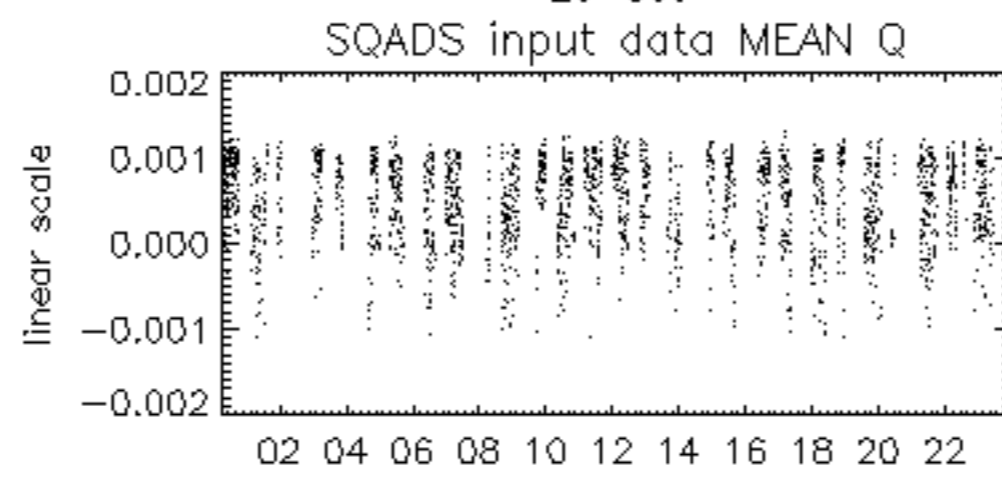




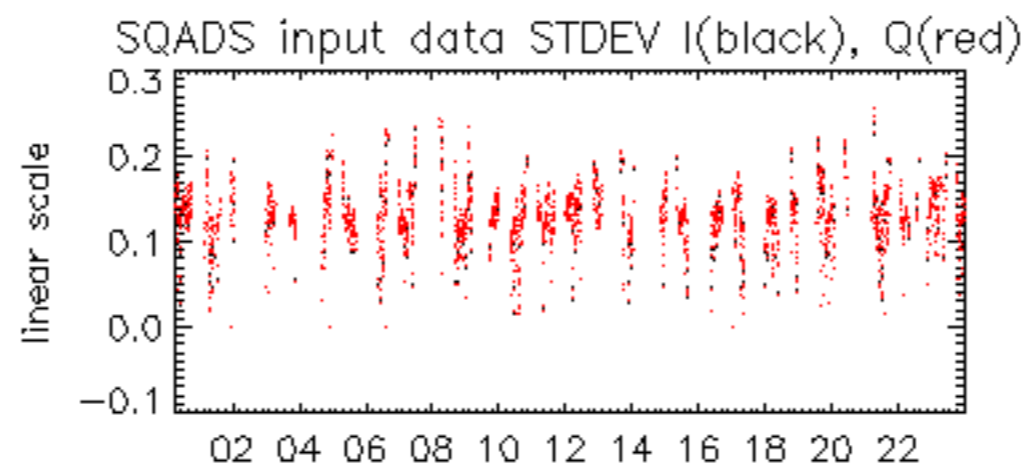
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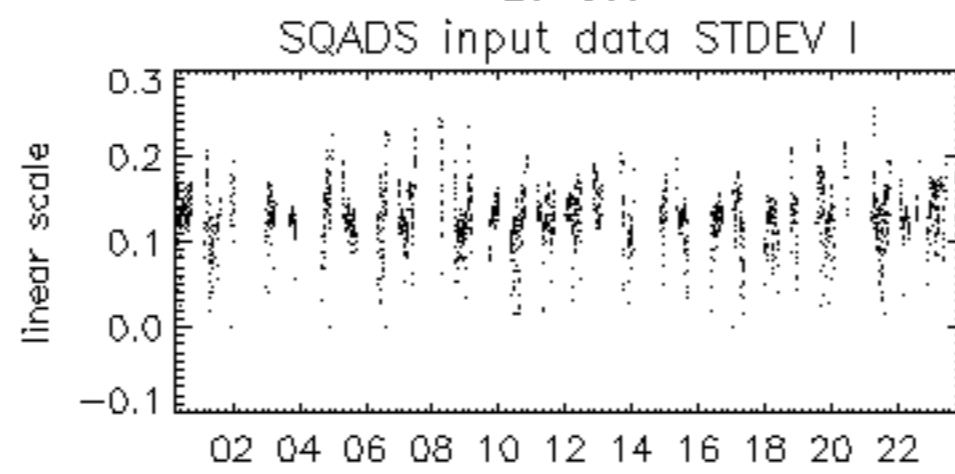
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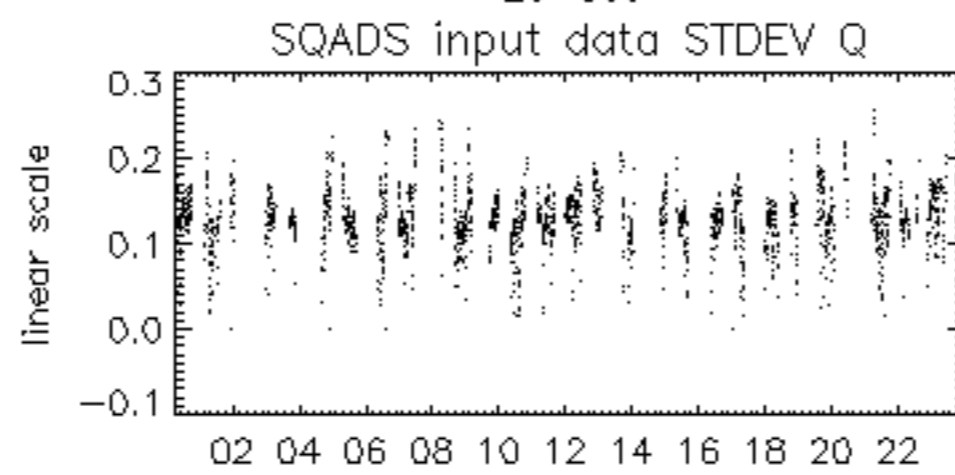
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