



Analysis from 06-OCT-2010 00:00:00 to 06-OCT-2010 23:59:59. Page generated on 07-OCT-2010 07:32:15.  
View log file: ASAR\_Daily\_Report\_20101007\_0731.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 | 2  | PDE    | WS   | H/H | 46 |        |      |     |   | PDE    | IS2  | H/H | 2  | PDE    | WS   | H/H | 34 | PDK    | 2010-10-06 07:38:19 | V   | 320     |
| PDE    | IS2  | V/V | 24 | PDK    | WS   | H/H | 48 |        |      |     |   | PDE    | IS2  | V/V | 15 | PDE    | WS   | V/V | 12 |        |                     |     |         |
| PDK    | IS2  | V/V | 23 |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 1  | PDK    | WS   | H/H | 14 |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS1  | V/V | 1  | PDK    | WS   | V/V | 2  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | H/H | 3  |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | 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\_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_AXVIEC20091217_114637_20090428_100000_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       |
| IMM     | 0       | 0       | 0       | 0       |
| WSM     | 0       | 0       | 0       | 0       |

[TXT] [XLS] Check\_ADFs\_WVS  
 [TXT] [XLS] Check\_ADFs\_GM1  
 [TXT] [XLS] Check\_ADFs\_IMM  
 [TXT] [XLS] Check\_ADFs\_WSM

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

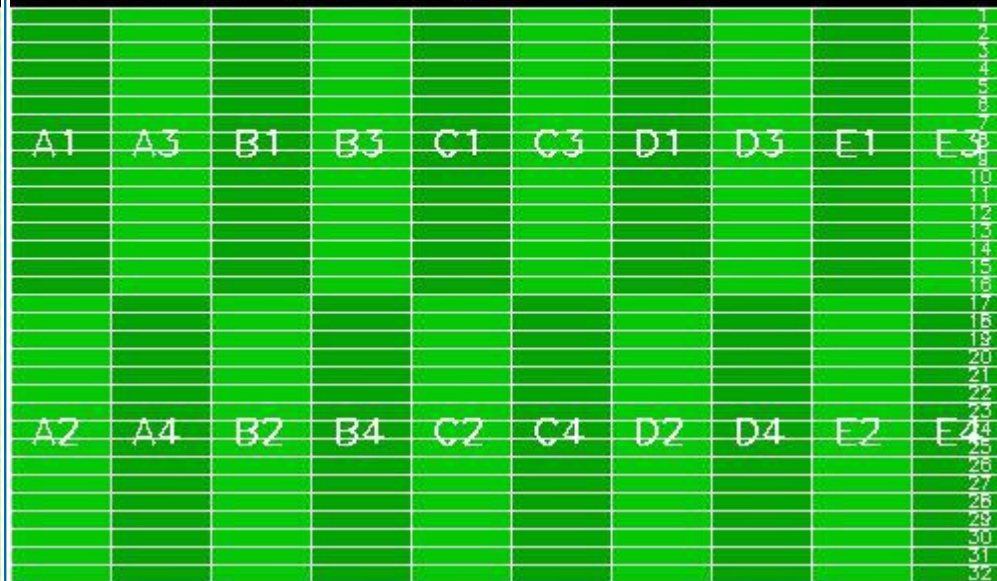
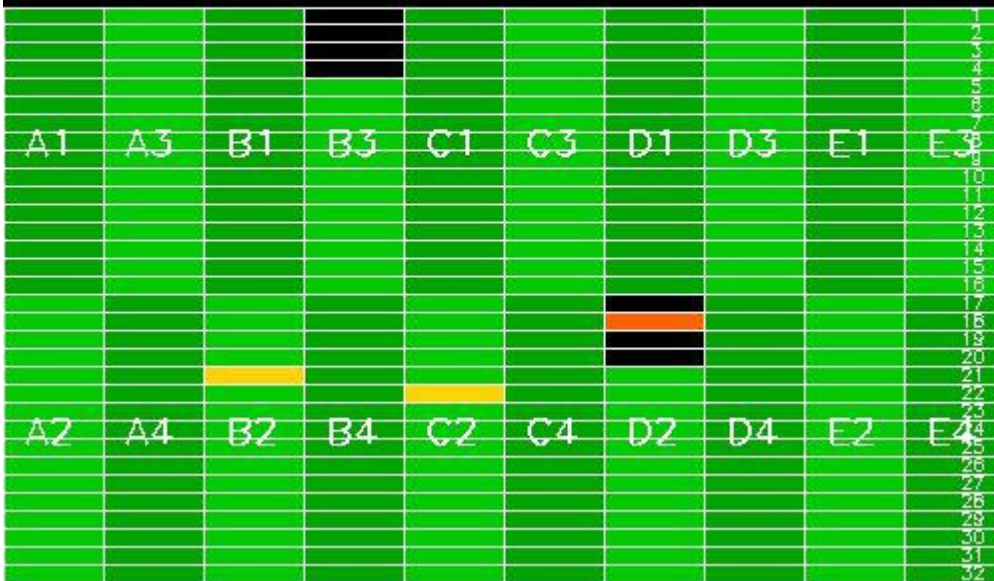
|                        |                            |
|------------------------|----------------------------|
| SECOND FIXED REFERENCE | PREVIOUS PRODUCT REFERENCE |
|------------------------|----------------------------|

Pre-launch reference (2001-02-09)

Previous product in the same polarisation

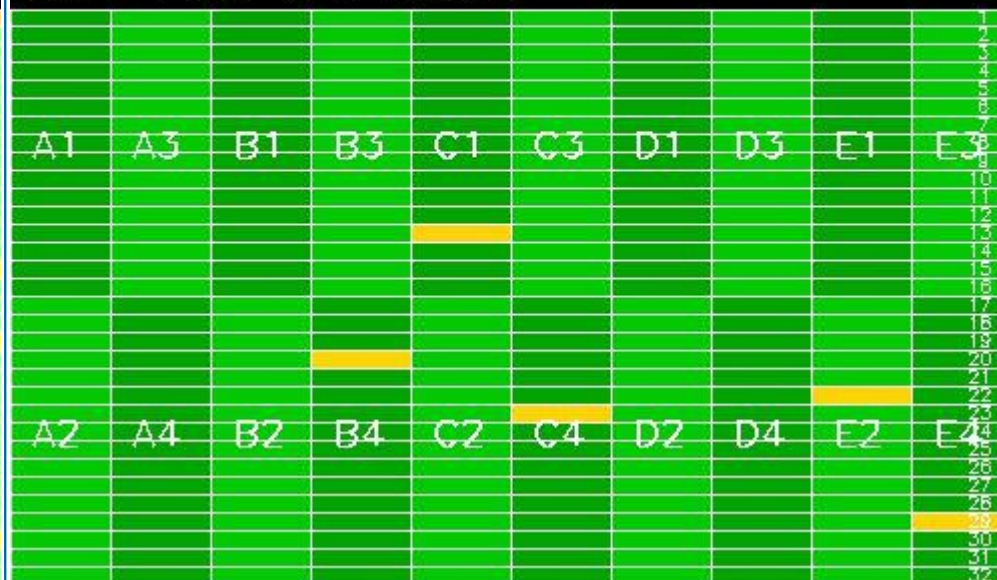
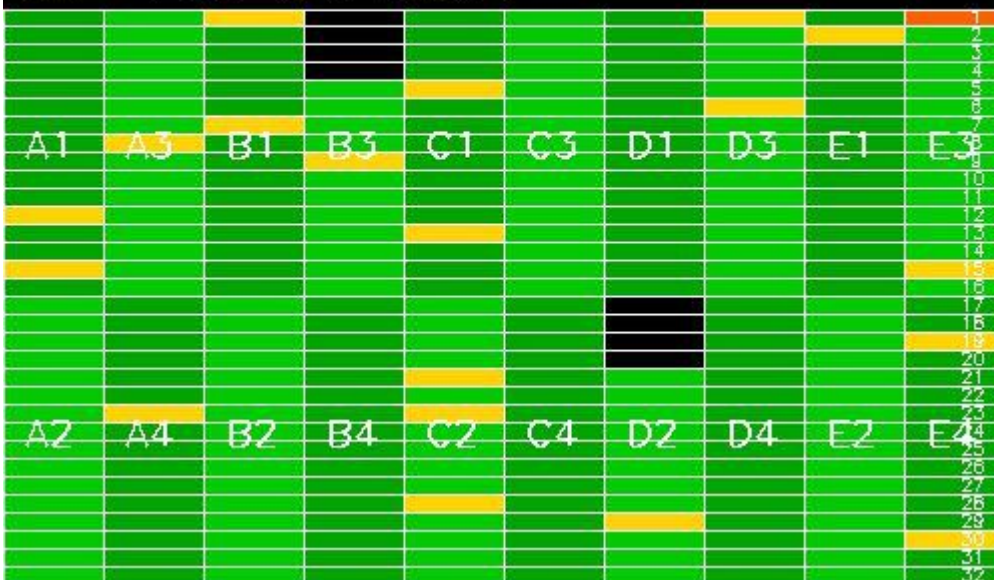
Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2010-10-06 07:38:19 V

Reference: 2010-10-04 08:41:33 V RxGain  
 Test : 2010-10-06 07:38:19 V

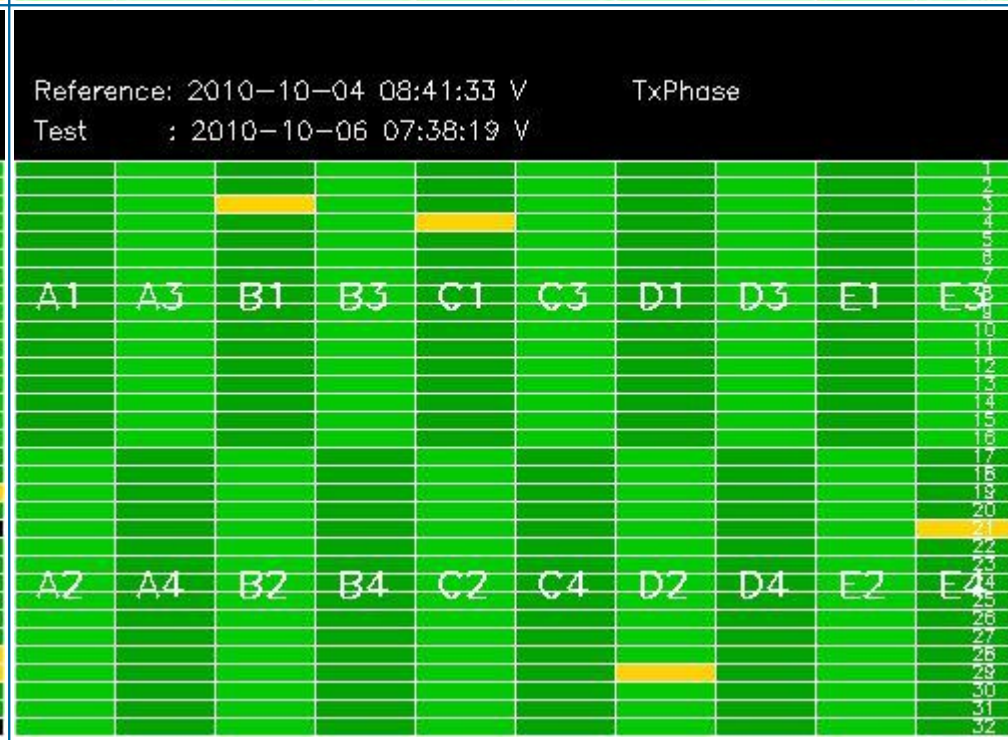
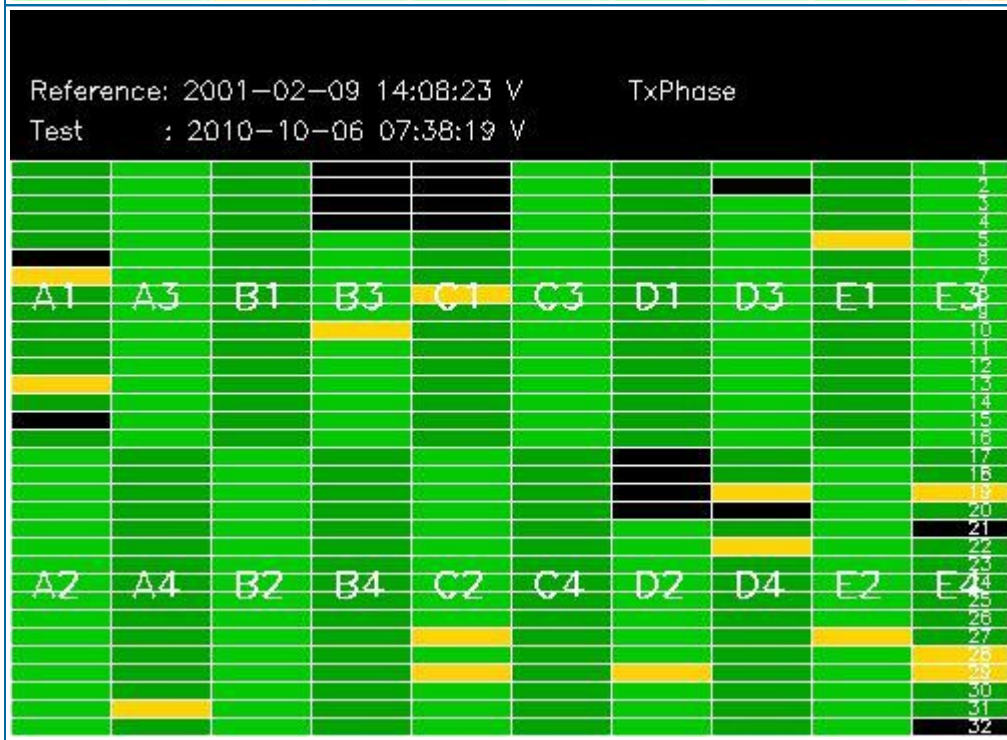
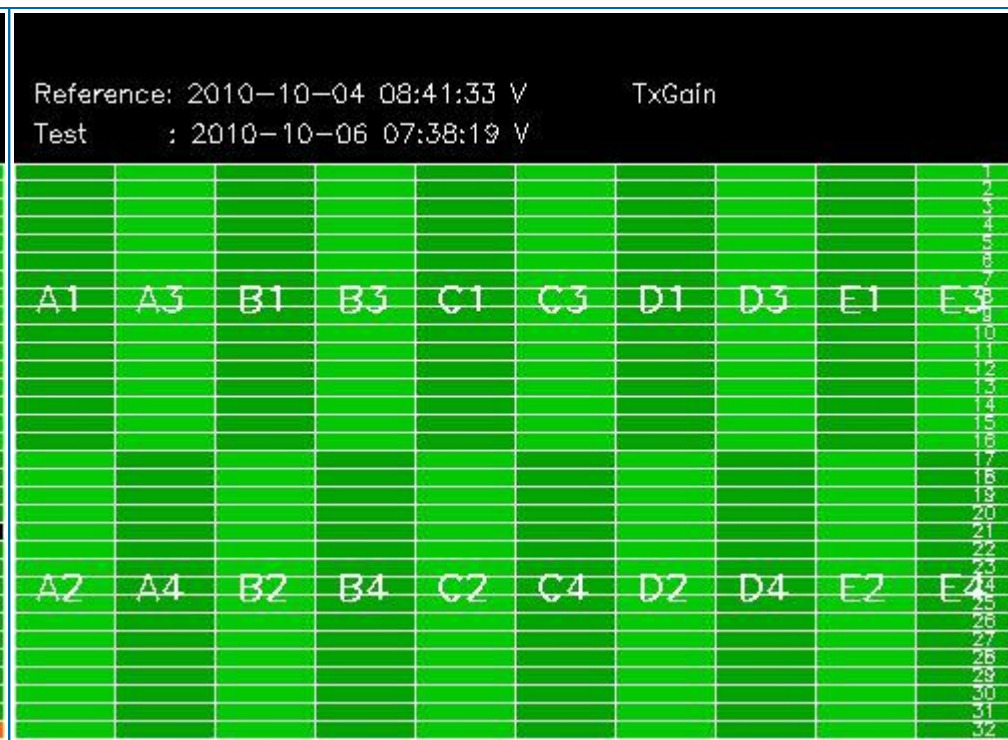
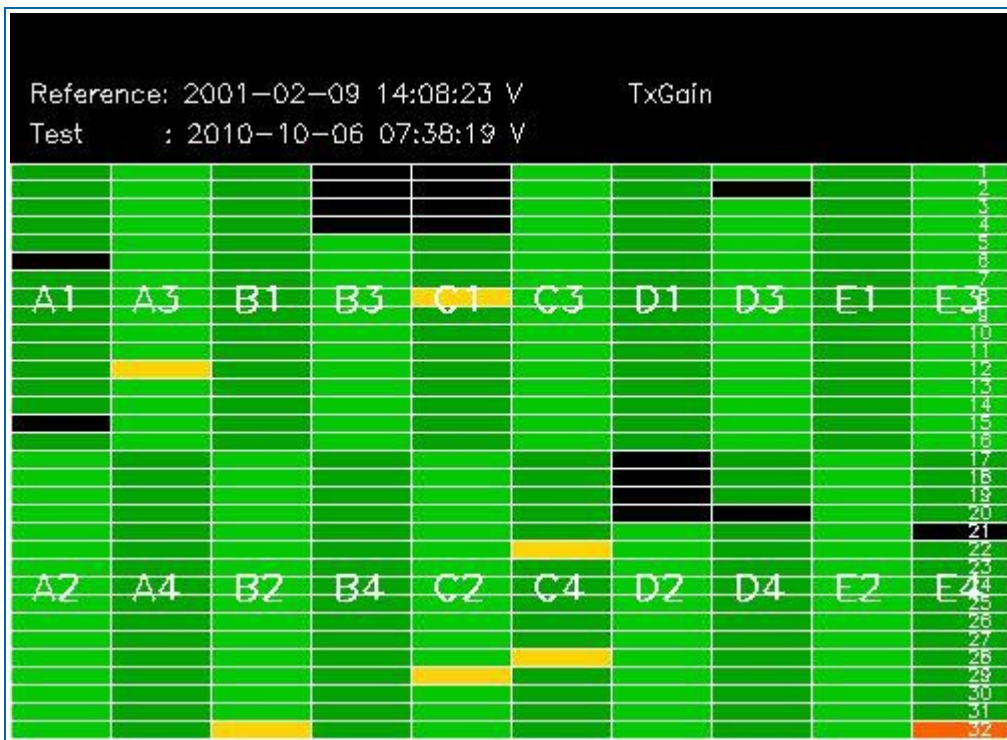


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2010-10-06 07:38:19 V

Reference: 2010-10-04 08:41:33 V RxPhase  
 Test : 2010-10-06 07:38:19 V





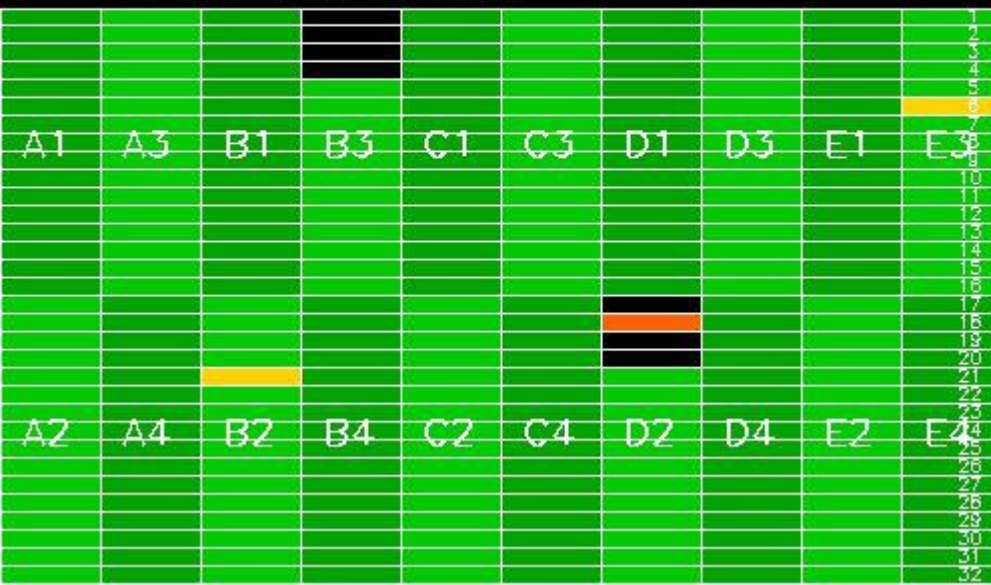


### 3.2 - H/H polarisation

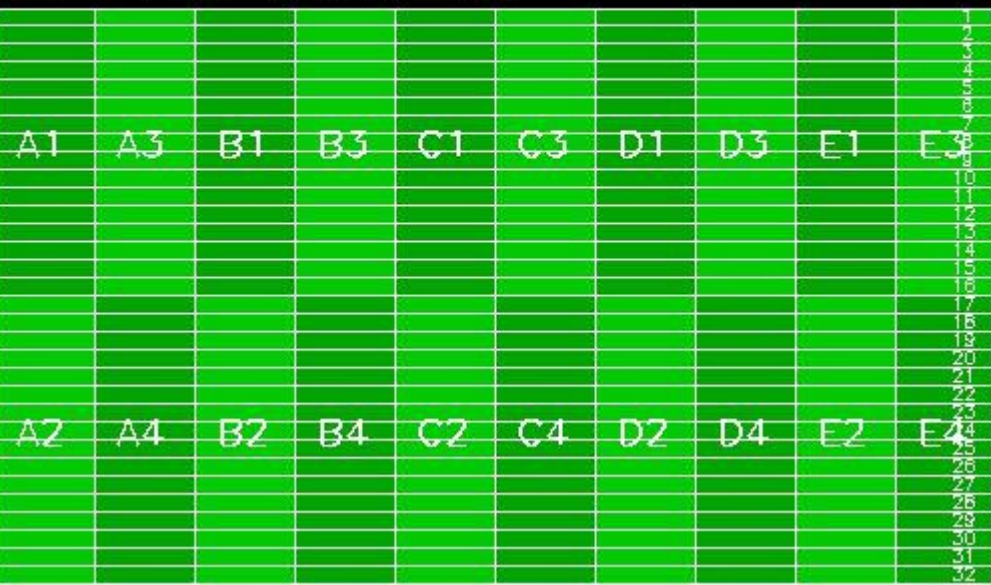
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| SECOND FIXED REFERENCE            | PREVIOUS PRODUCT REFERENCE                |
|-----------------------------------|---|
| Pre-launch reference (2001-02-09) | Previous product in the same polarisation |
|                                   |   |

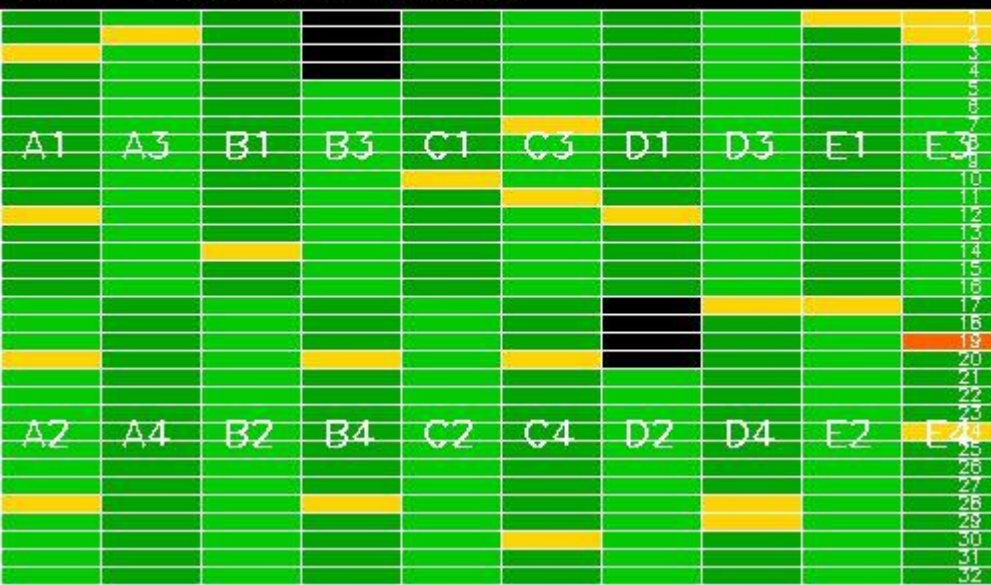
Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-10-05 08:09:56 H



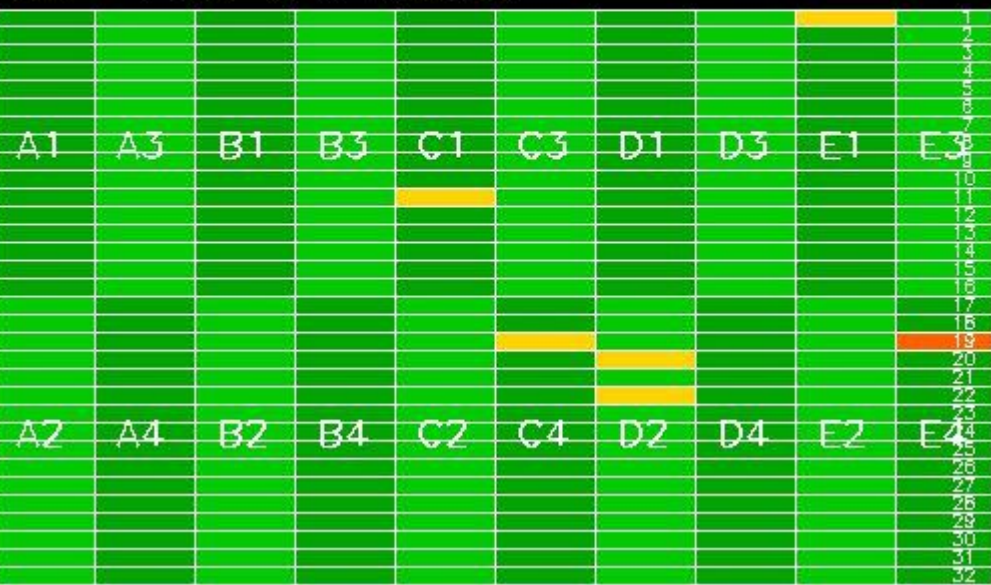
Reference: 2010-10-04 01:59:10 H RxGain  
 Test : 2010-10-05 08:09:56 H



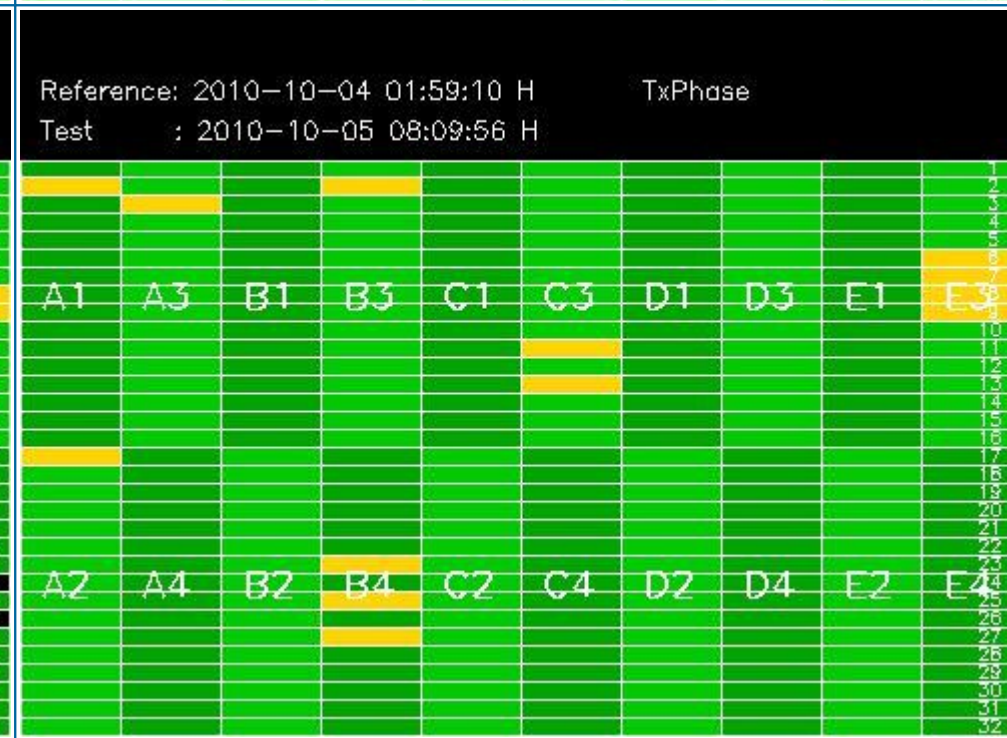
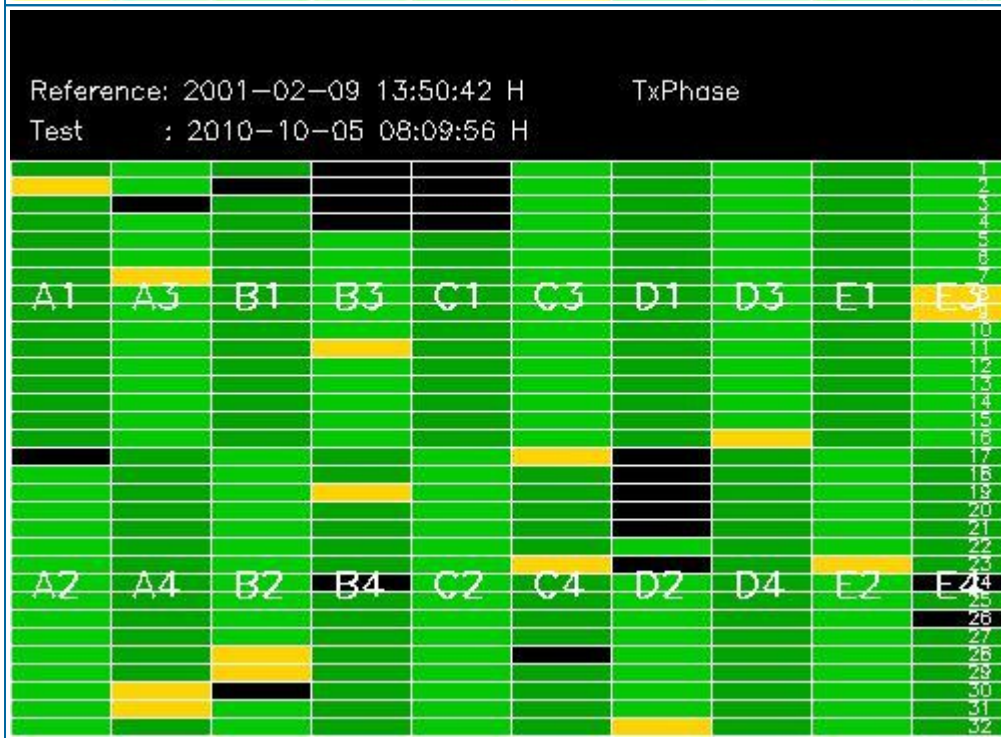
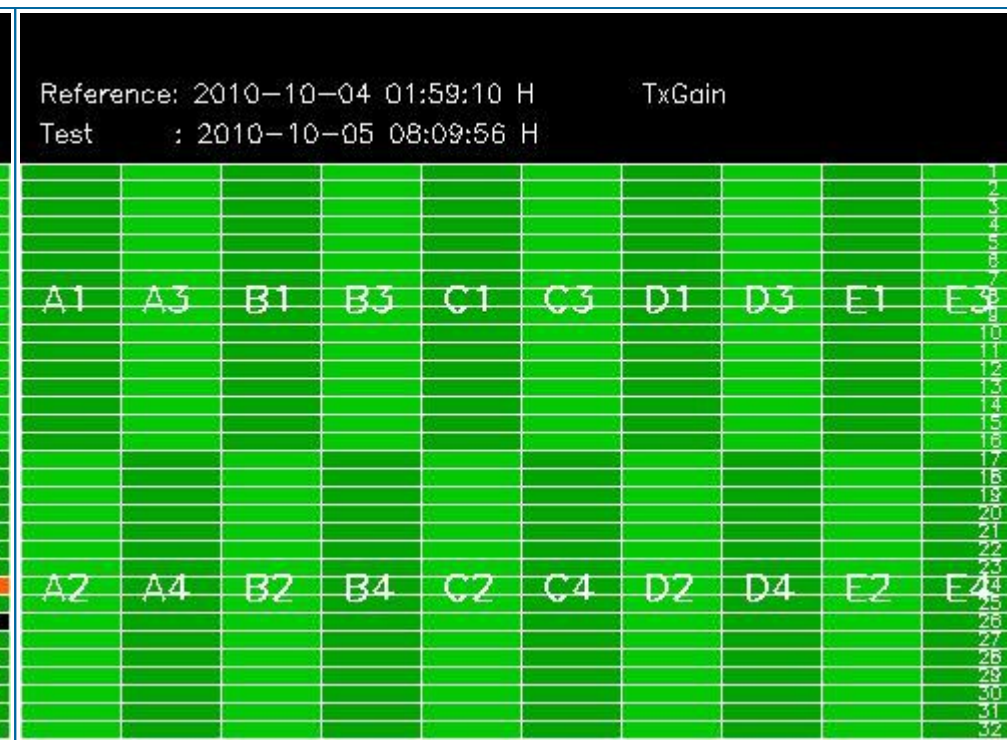
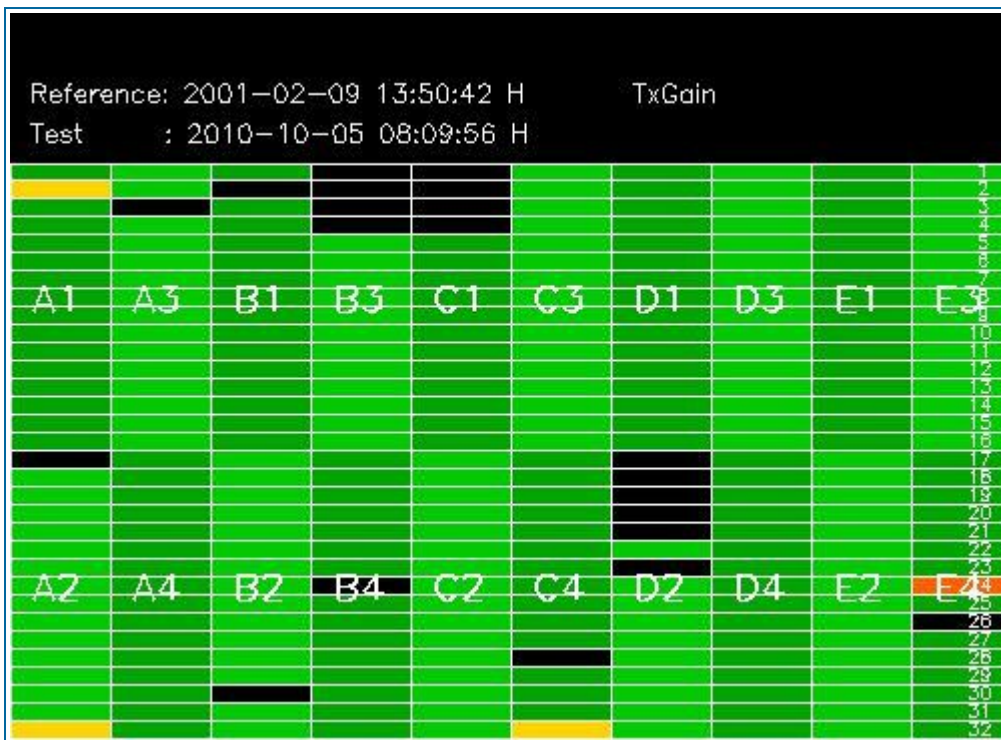
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-10-05 08:09:56 H



Reference: 2010-10-04 01:59:10 H RxPhase  
 Test : 2010-10-05 08:09:56 H







## 4 - CALIBRATION PULSES ANALYSIS

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

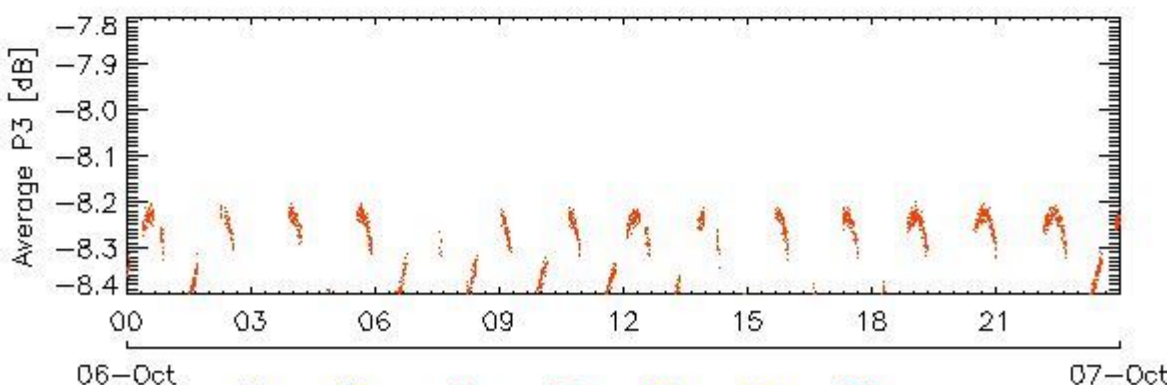
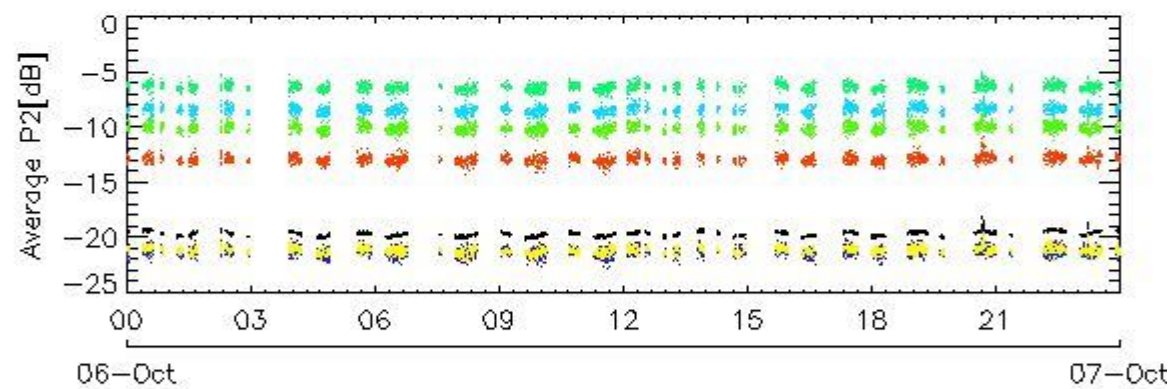
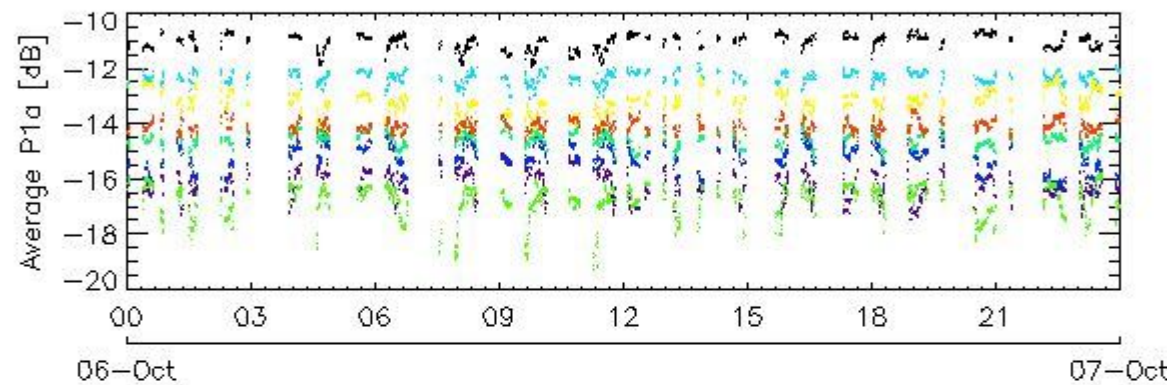
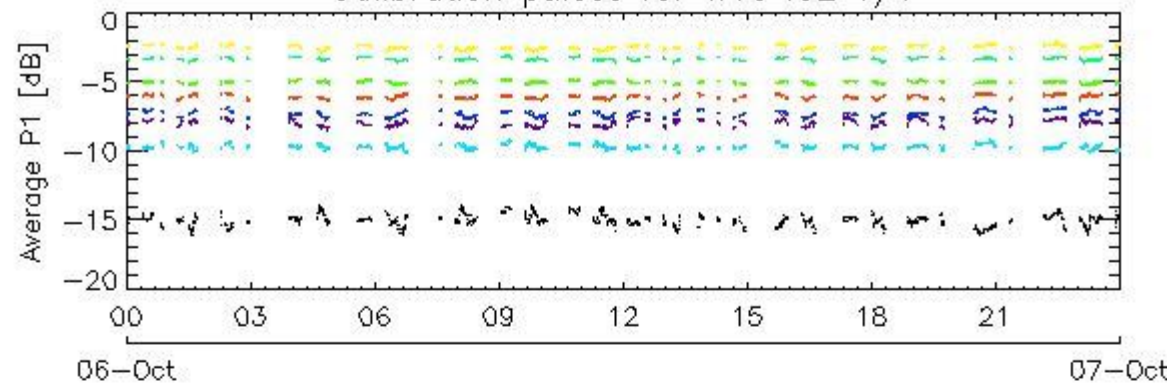
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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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]

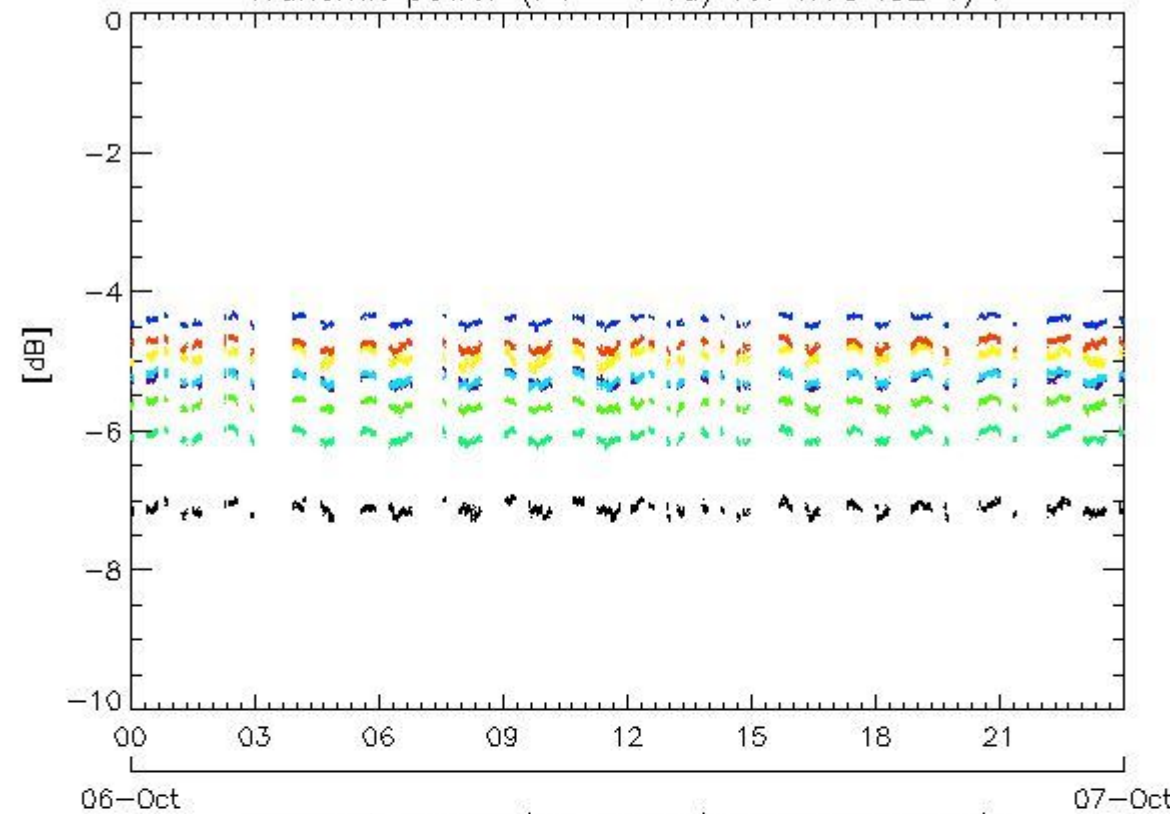
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V

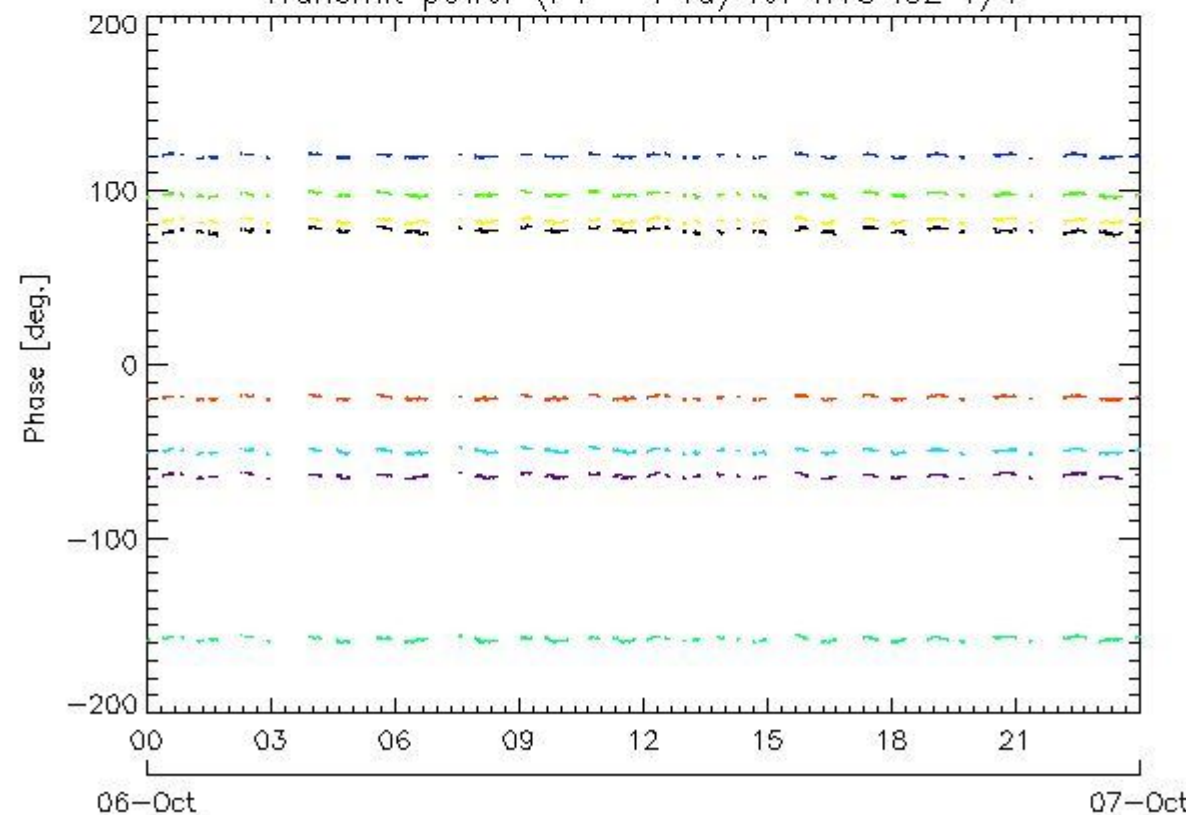


rows: - 1 - 5 - 9 - 13 - 17 - 21 - 25 - 29

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



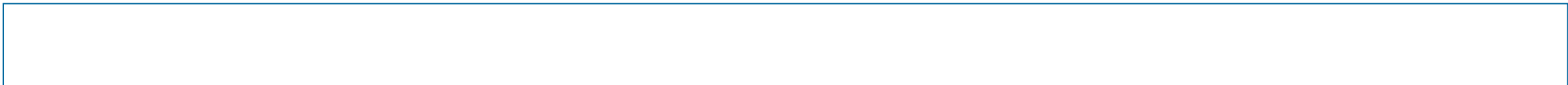
Transmit power (P1 - P1a) for WVS IS2 V/V



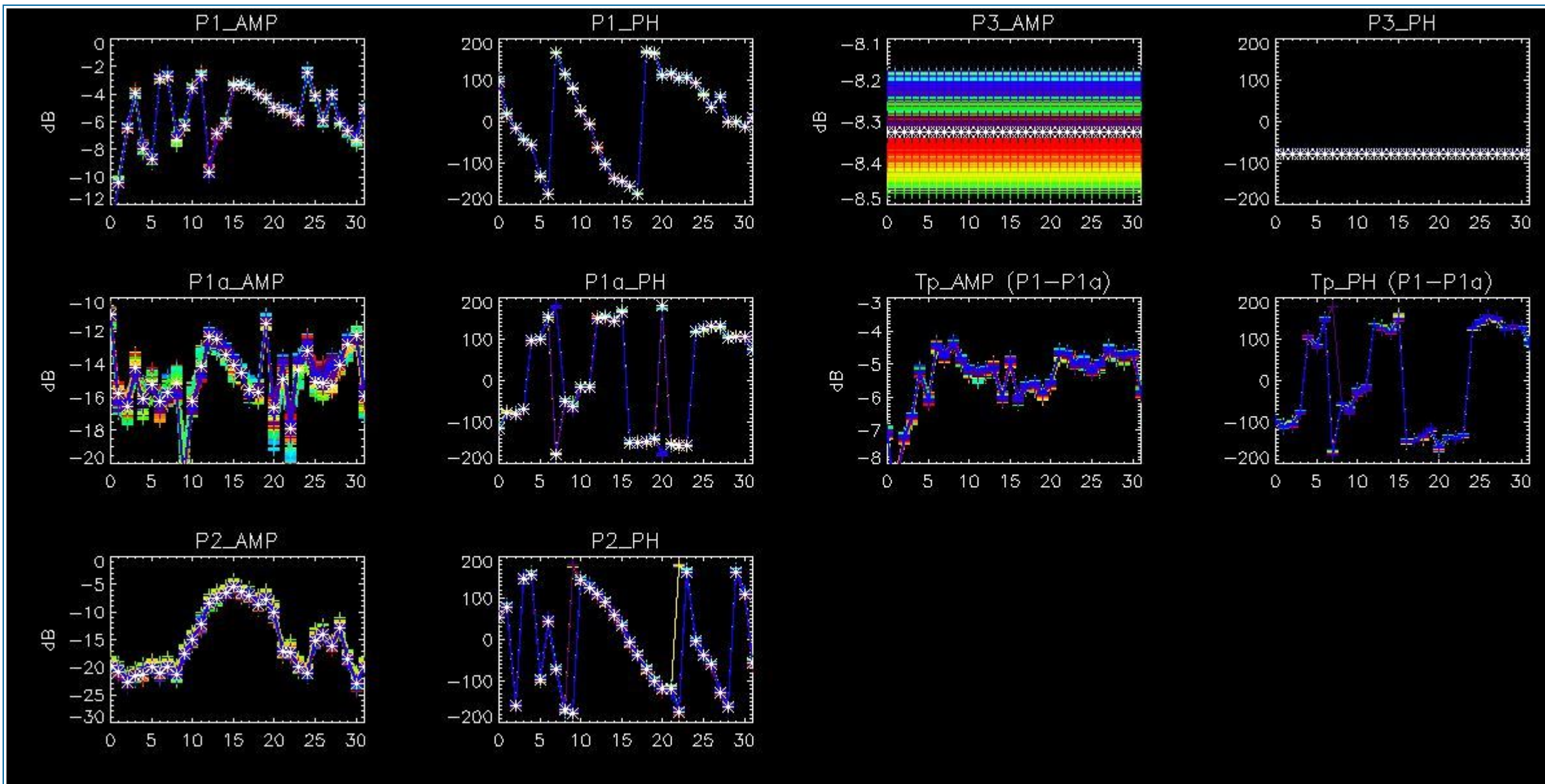
rows: - 1 - 5 - 9 - 13 - 17 - 21 - 25 - 29

#### 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

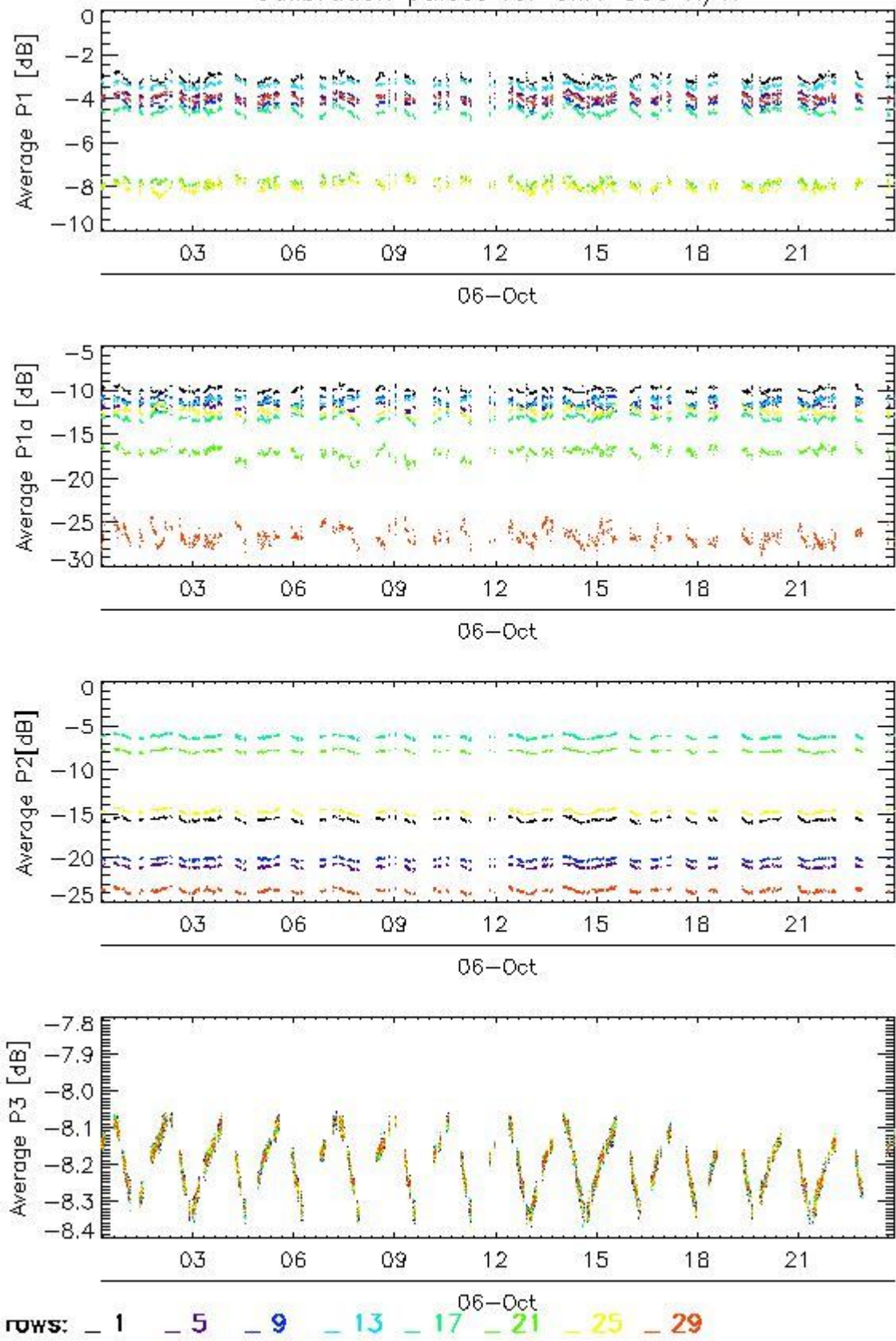
[ BACK TO MENU ]

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]

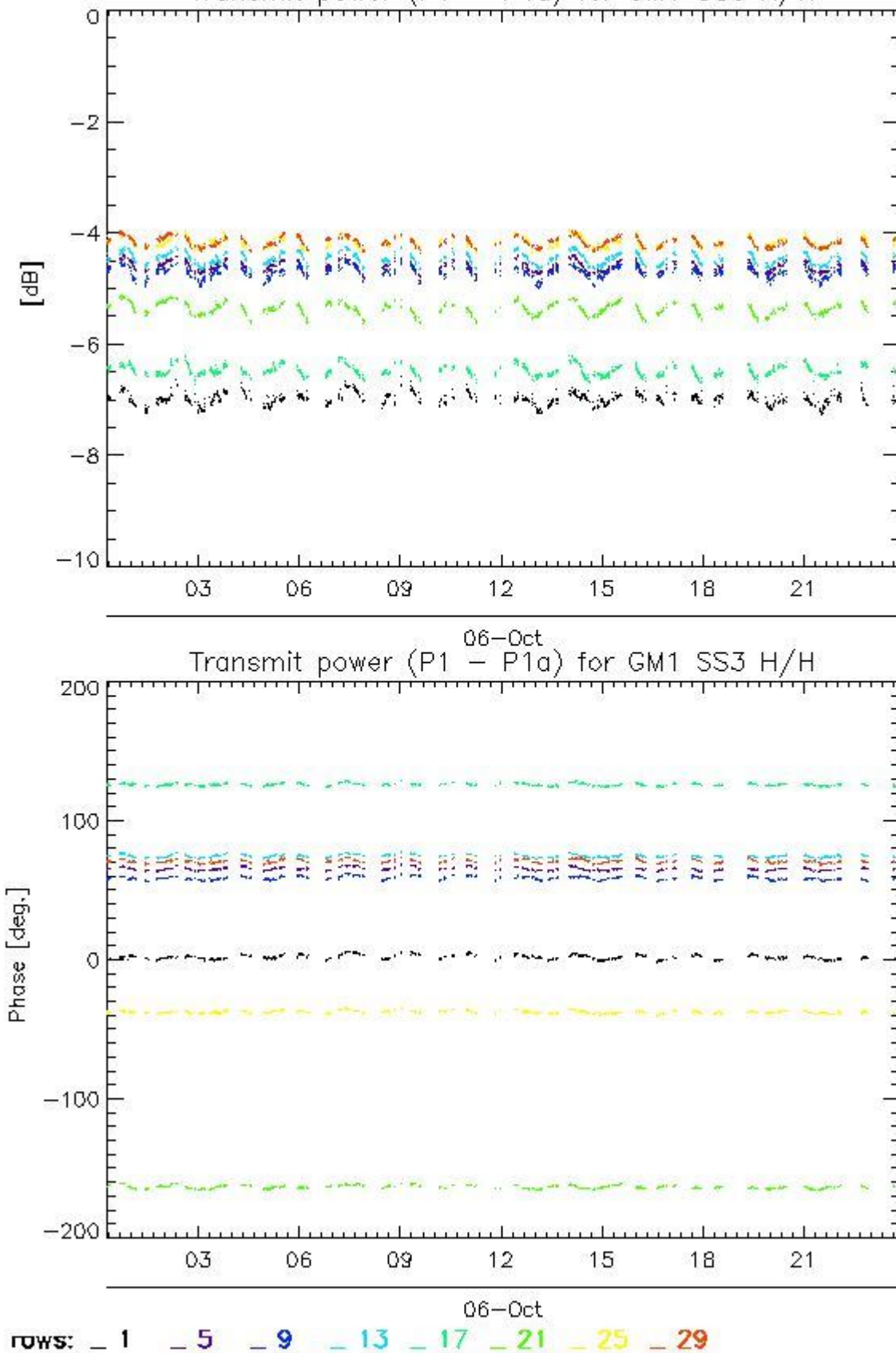
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



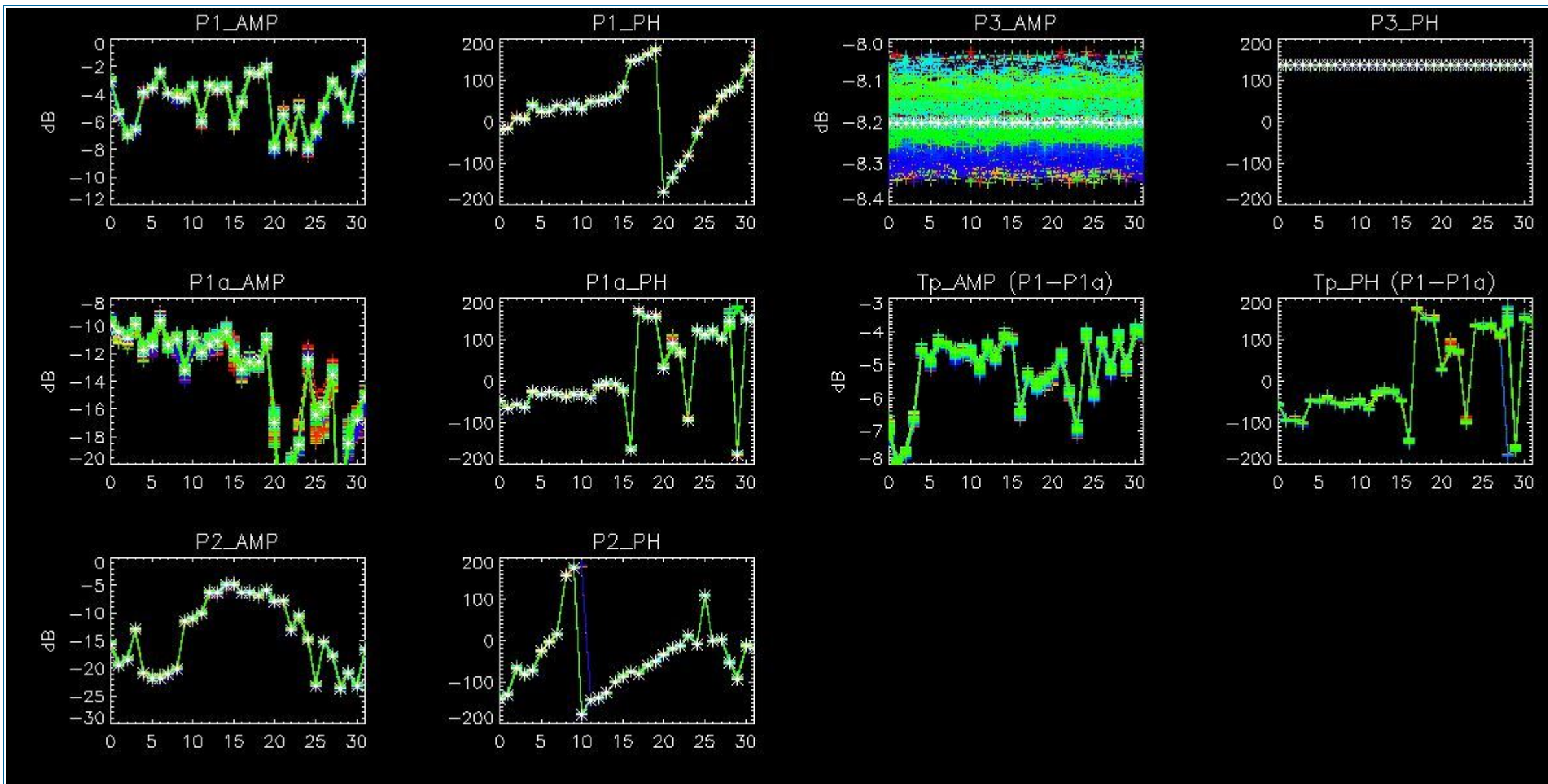
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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## 5 - DOPPLER ANALYSIS

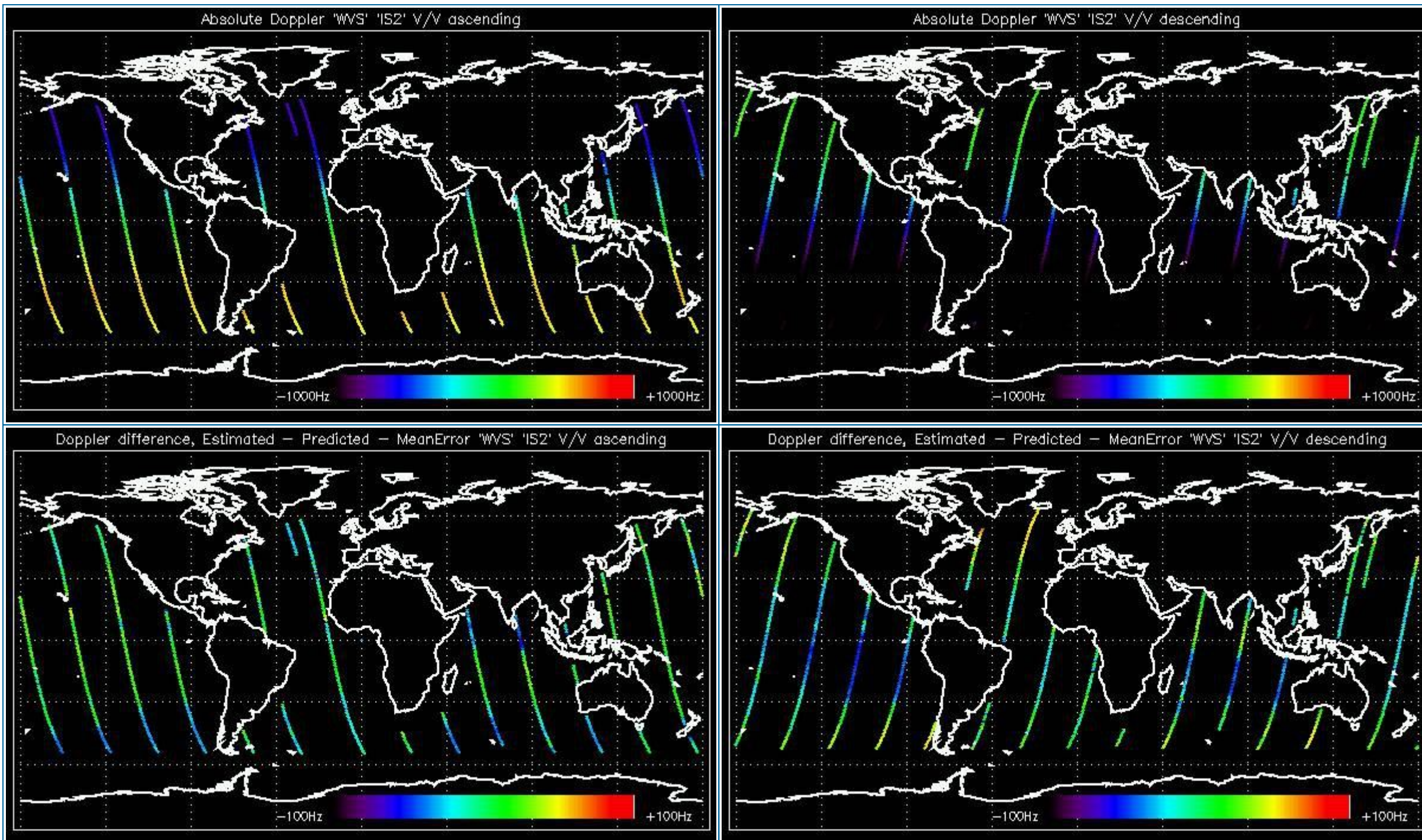
### 5.1 - Analysis for WVS IS2 V/V

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

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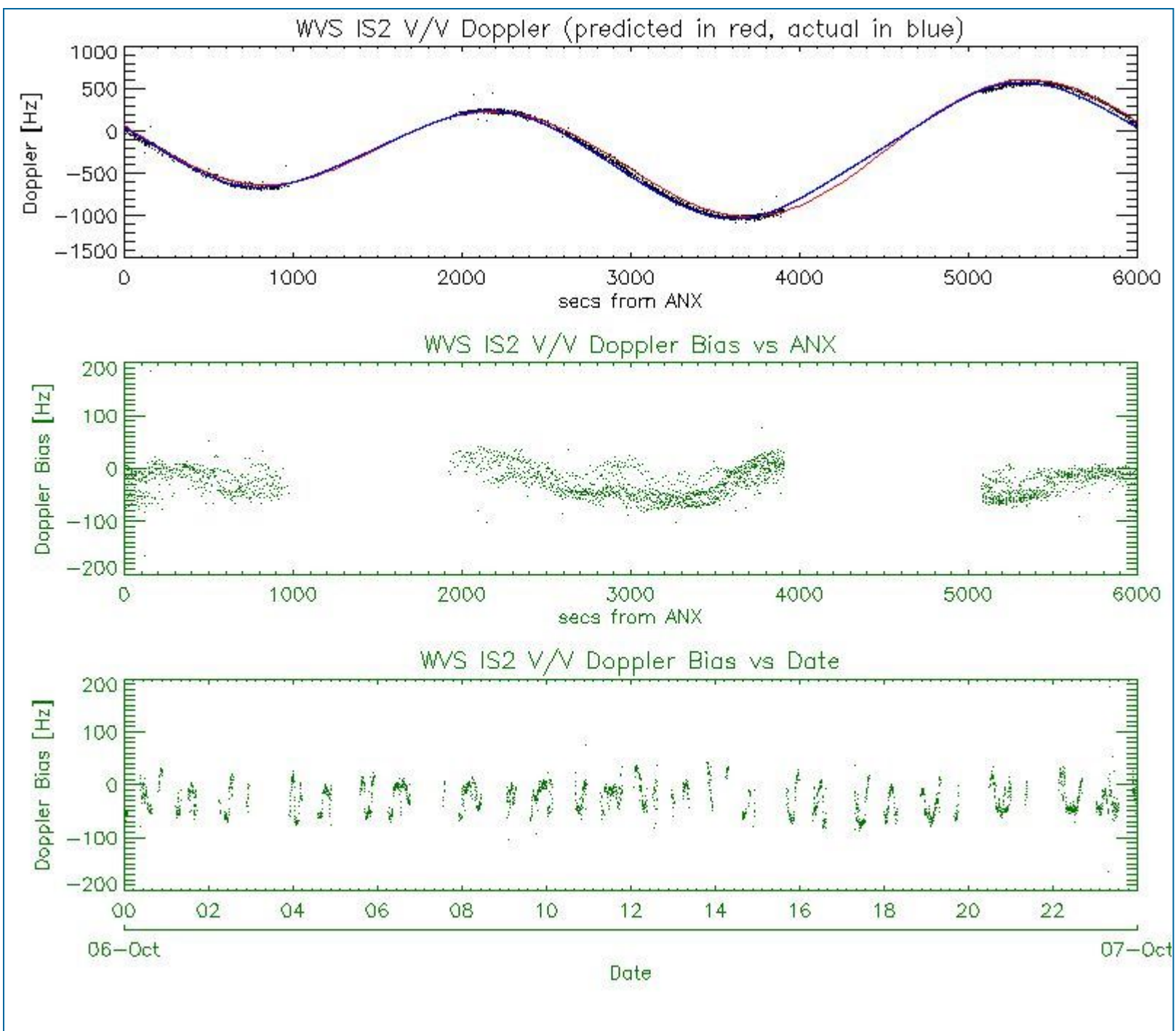




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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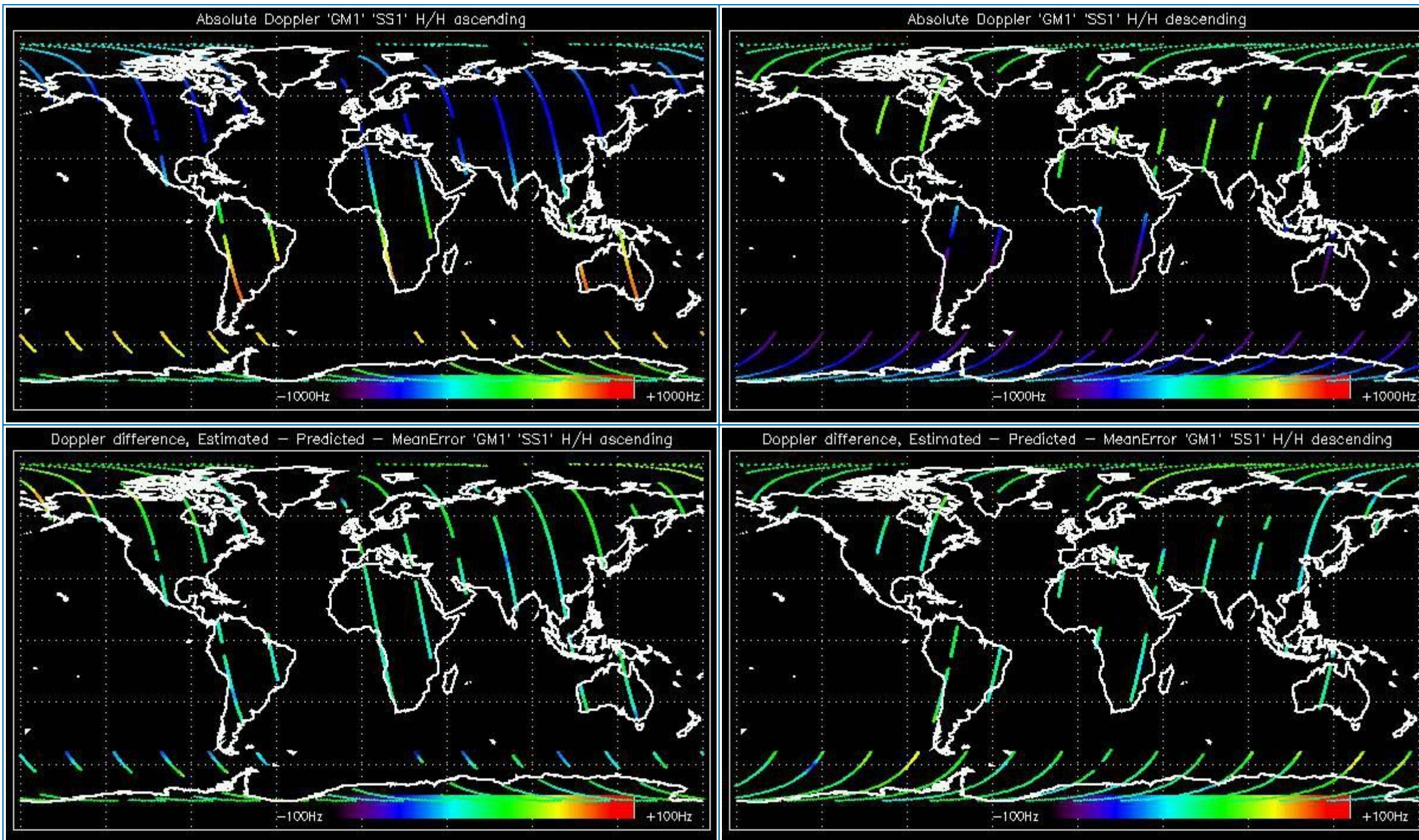
## 5.2 - Analysis for GM1 SS1 H/H

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

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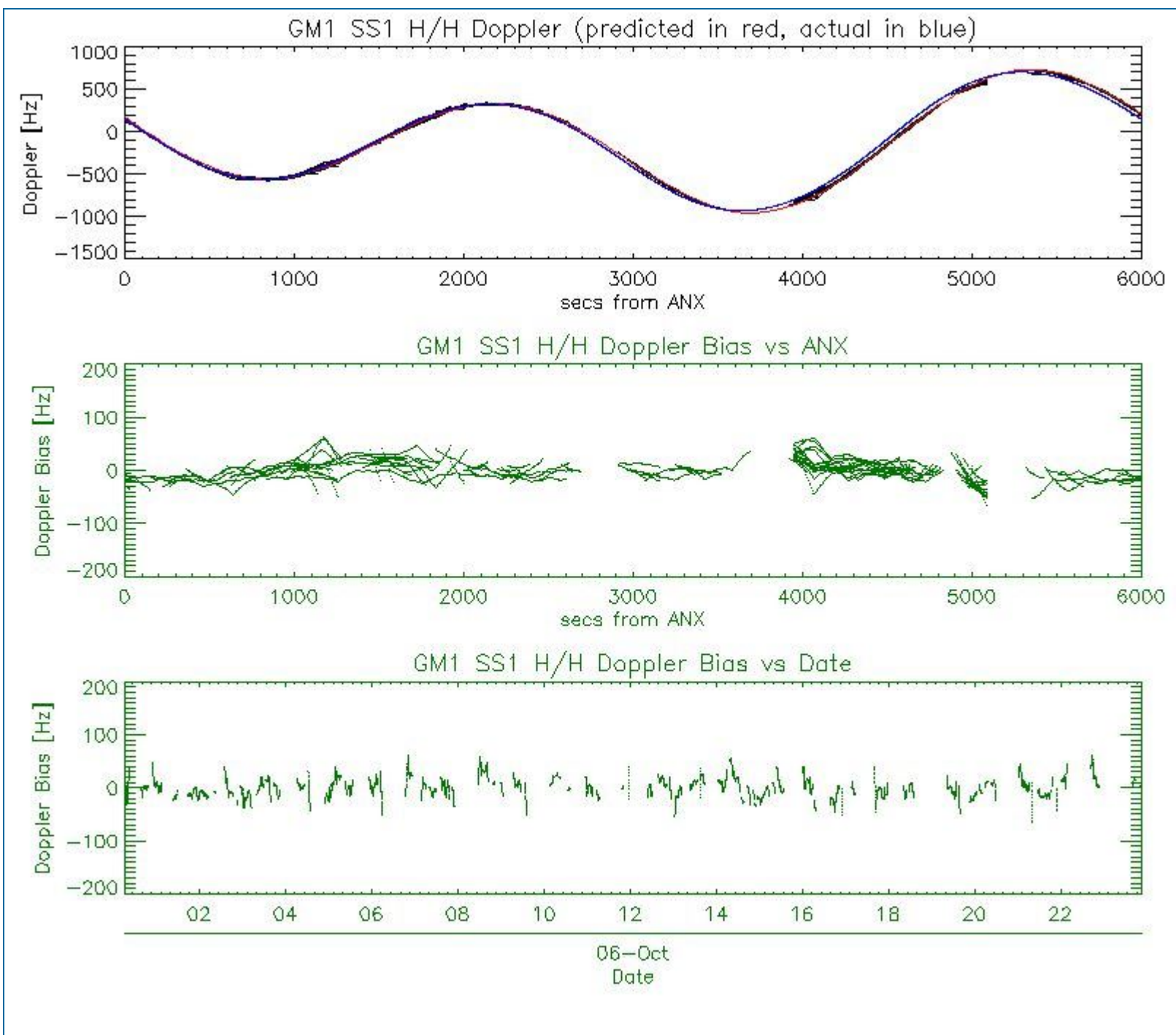




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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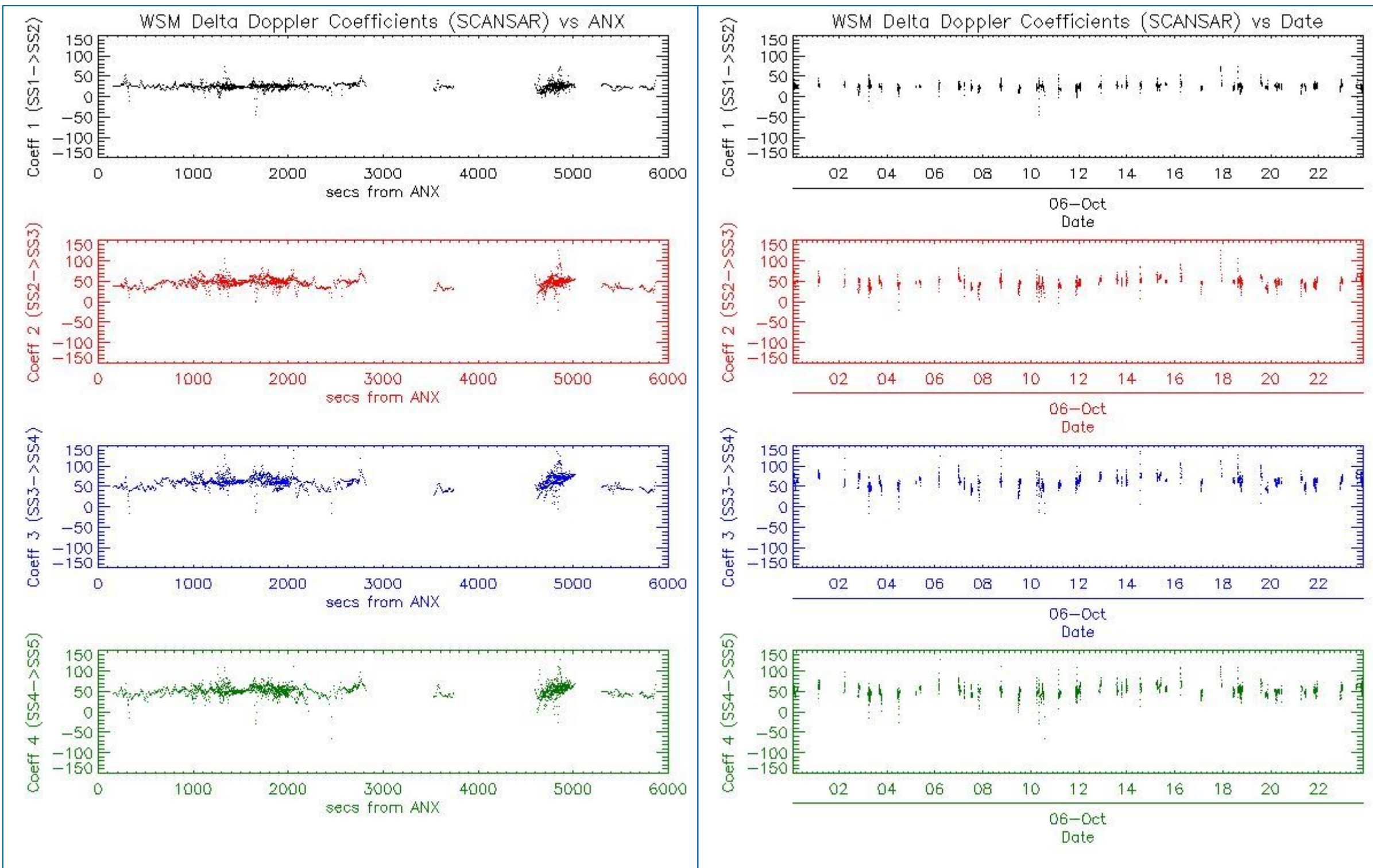


### 5.3 - Doppler JUMPS Analysis for WSM

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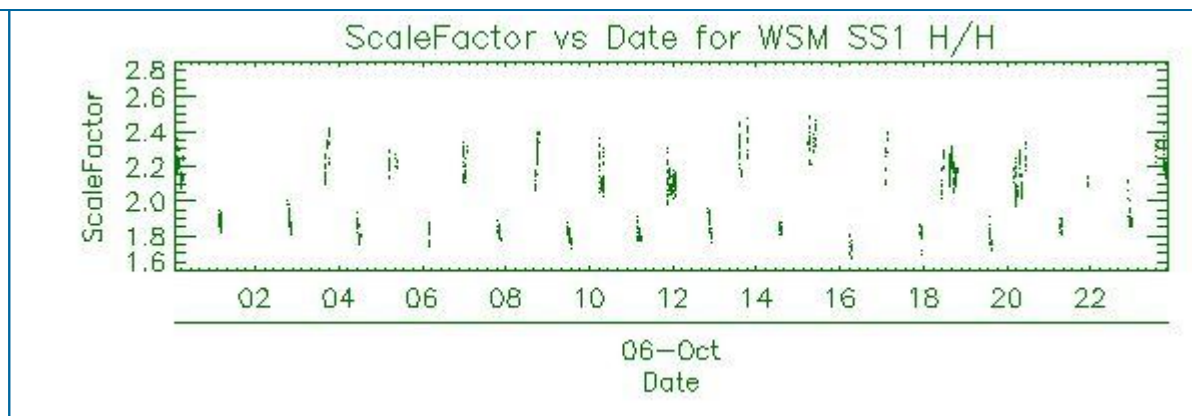
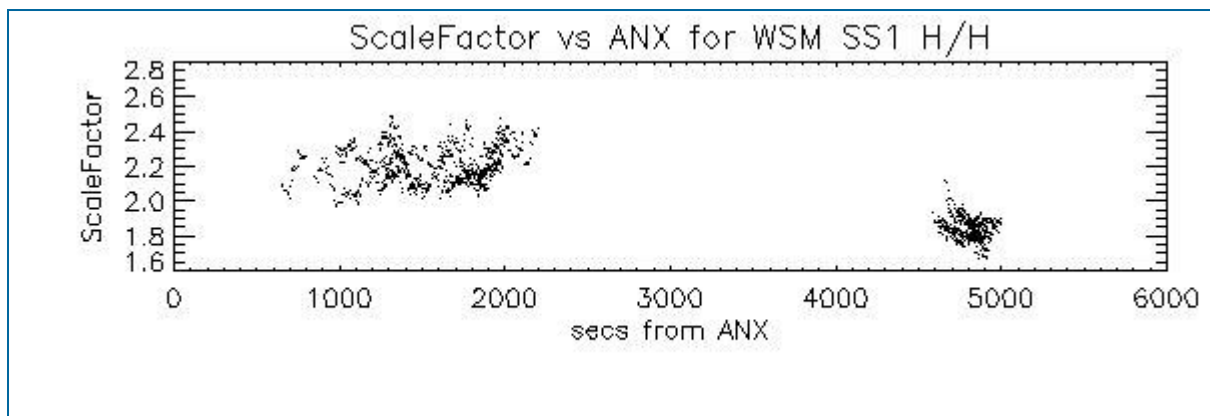
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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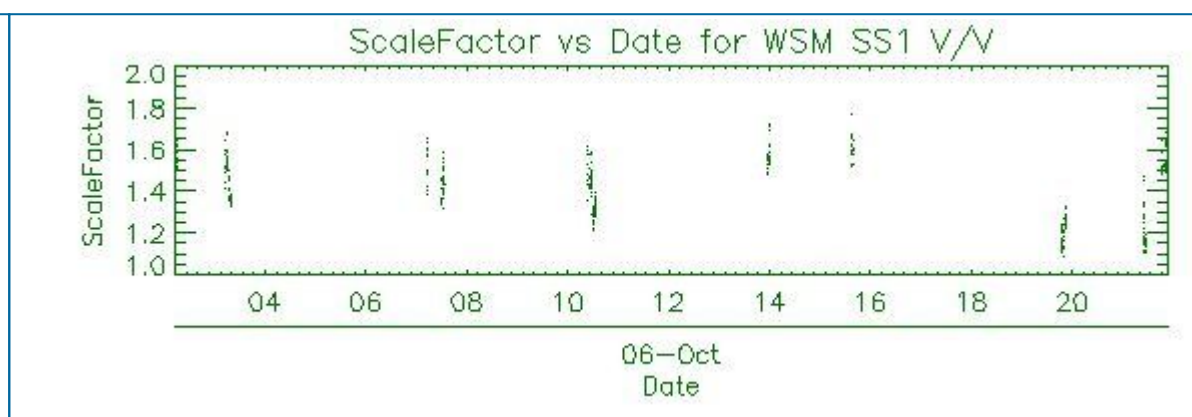
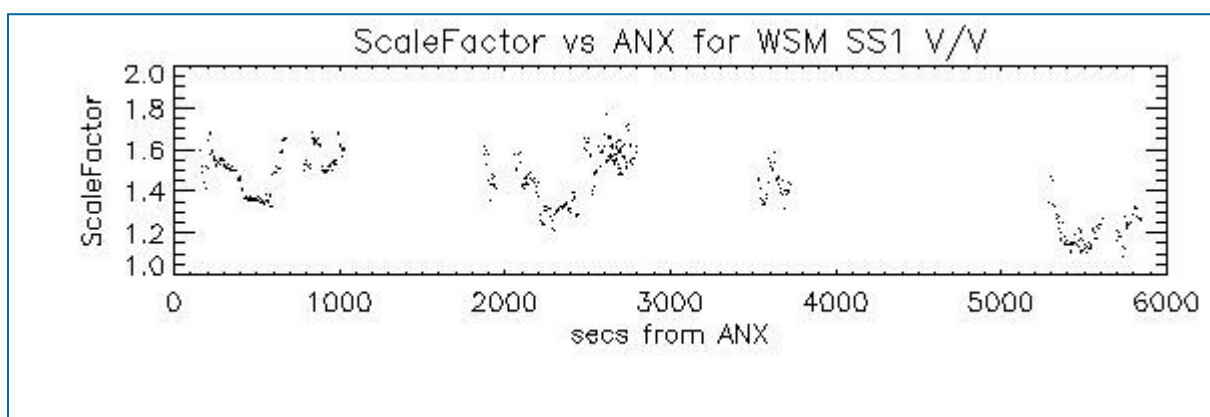




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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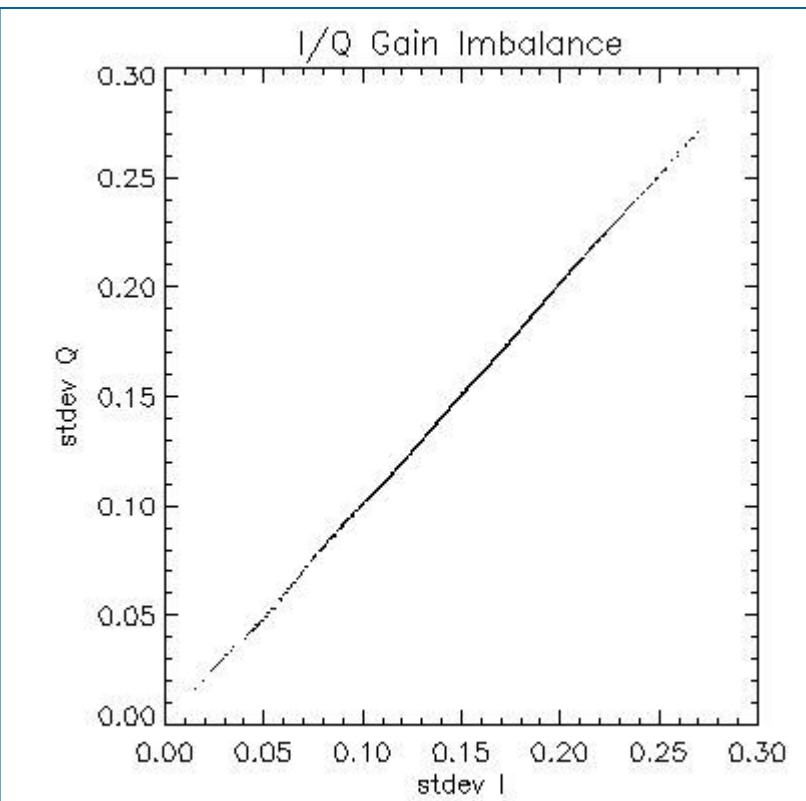
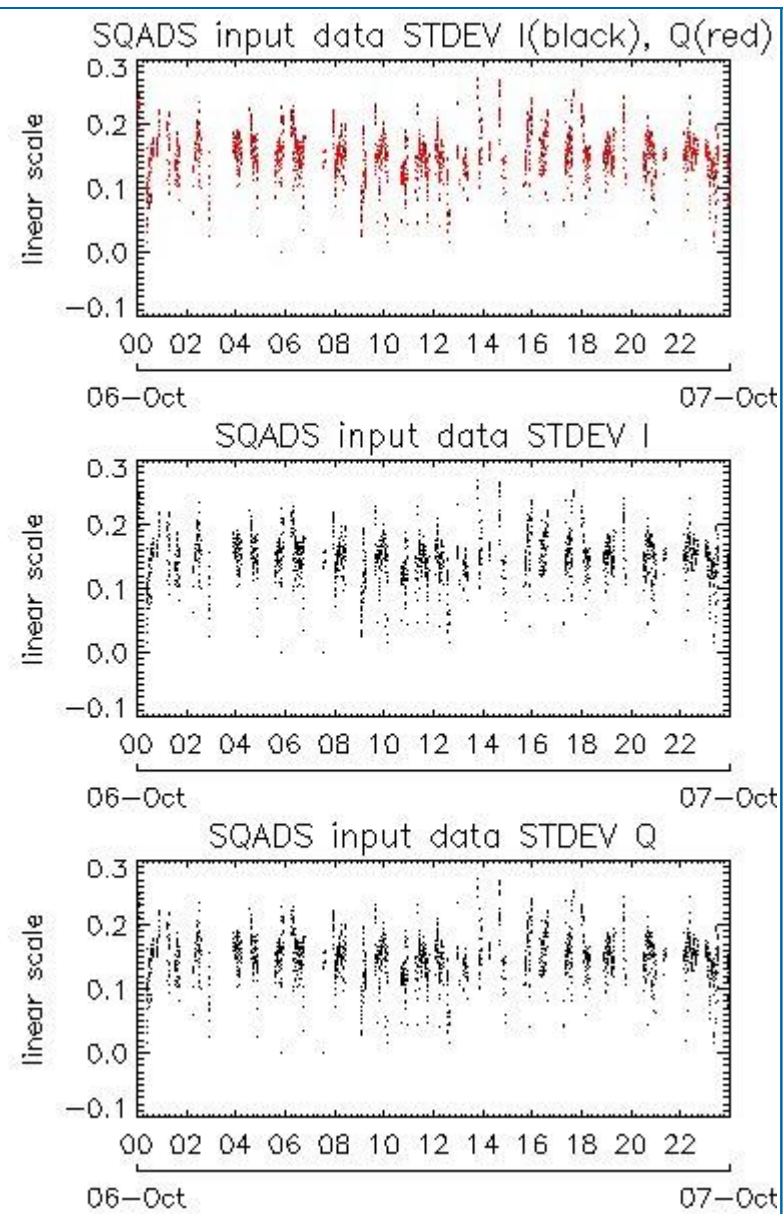
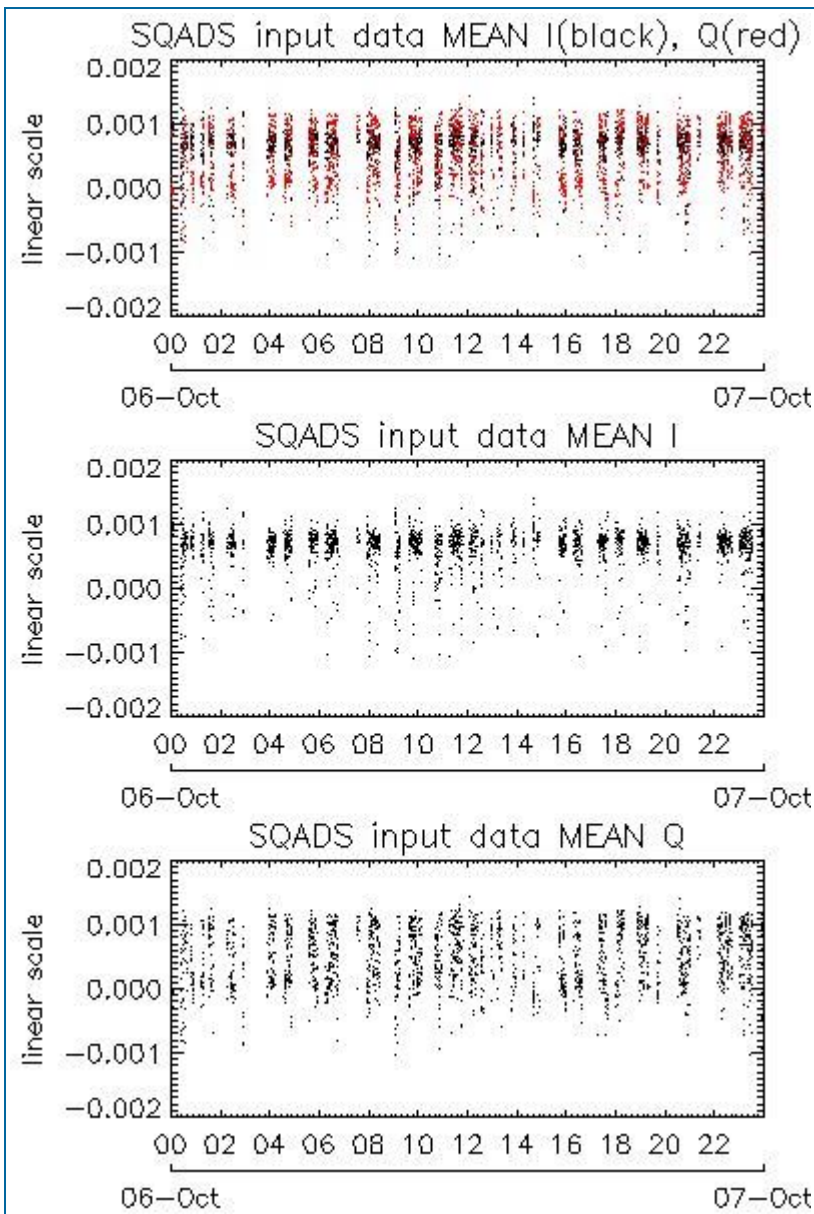
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

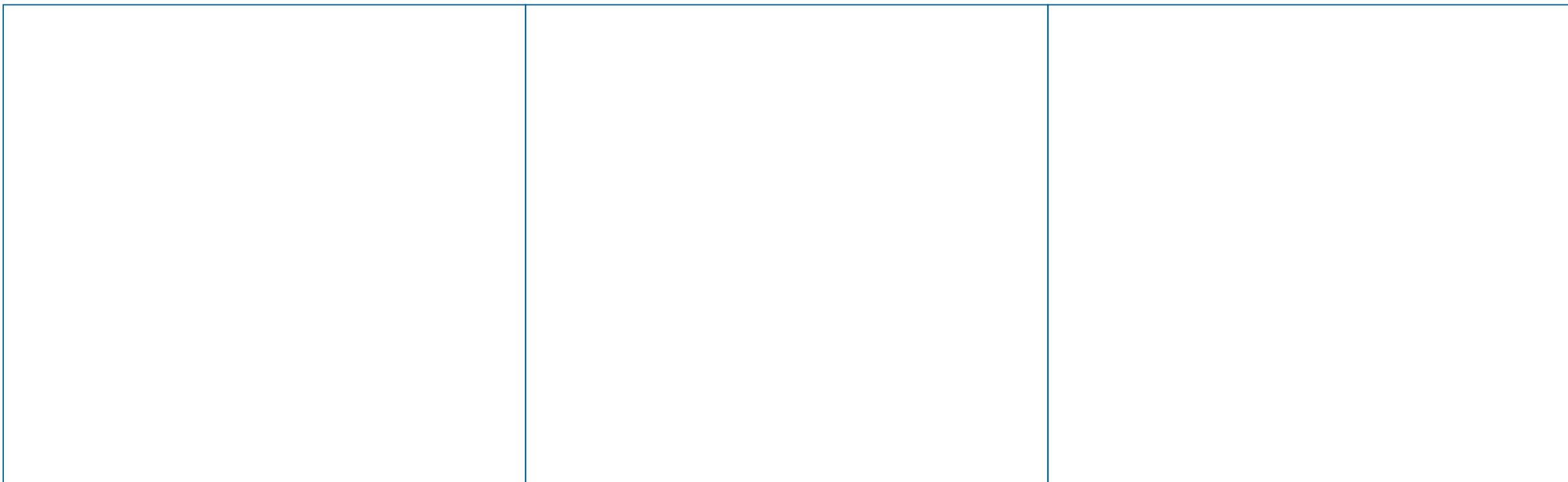


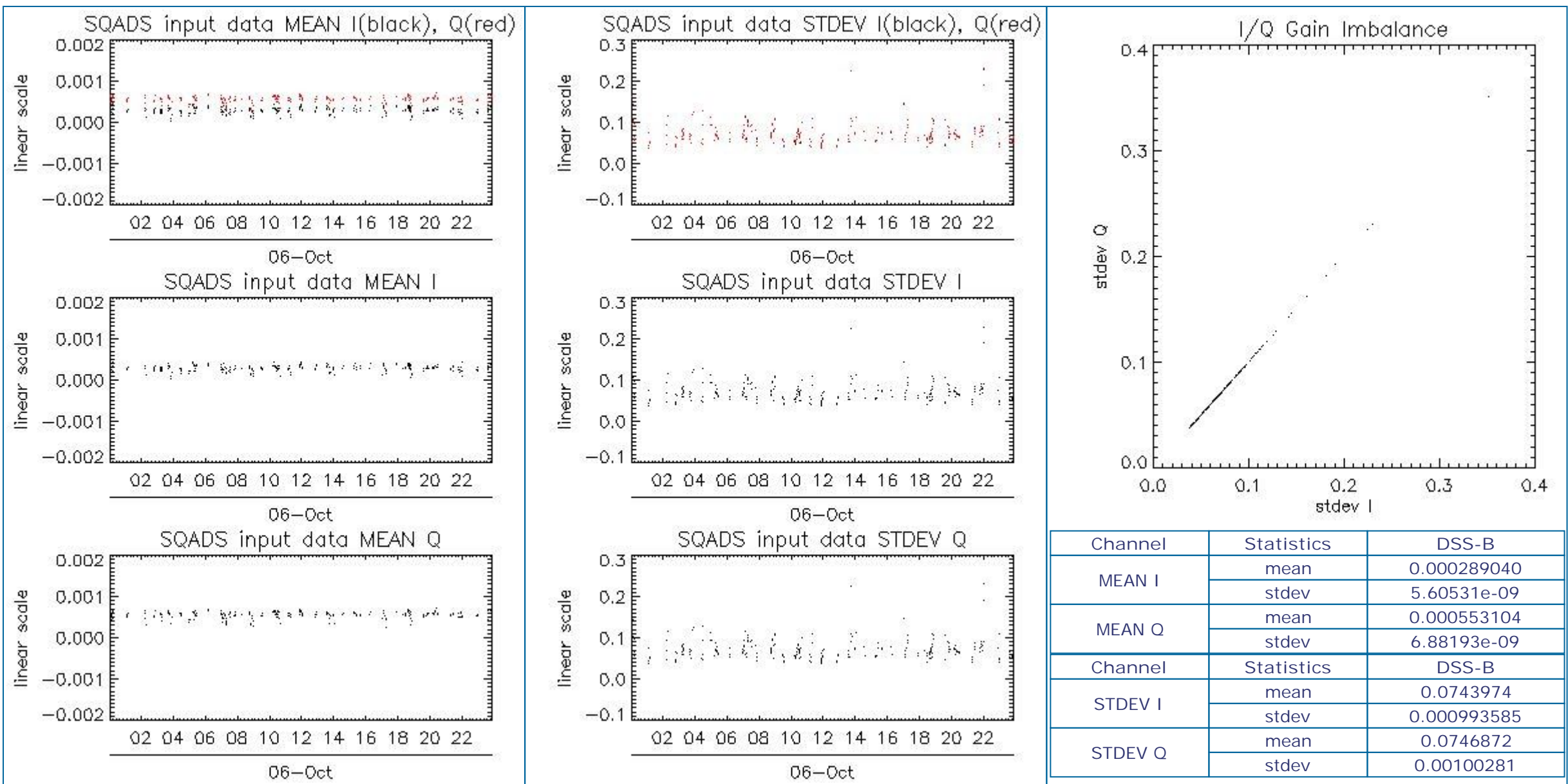


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000630829 |
|         | stdev      | 1.11804e-07 |
| MEAN Q  | mean       | 0.000507495 |
|         | stdev      | 2.09822e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.149092    |
|         | stdev      | 0.00134717  |
| STDEV Q | mean       | 0.149630    |
|         | stdev      | 0.00137481  |

## 7.2 - Analysis for IMM

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### 8 - TELEMETRY ANALYSIS

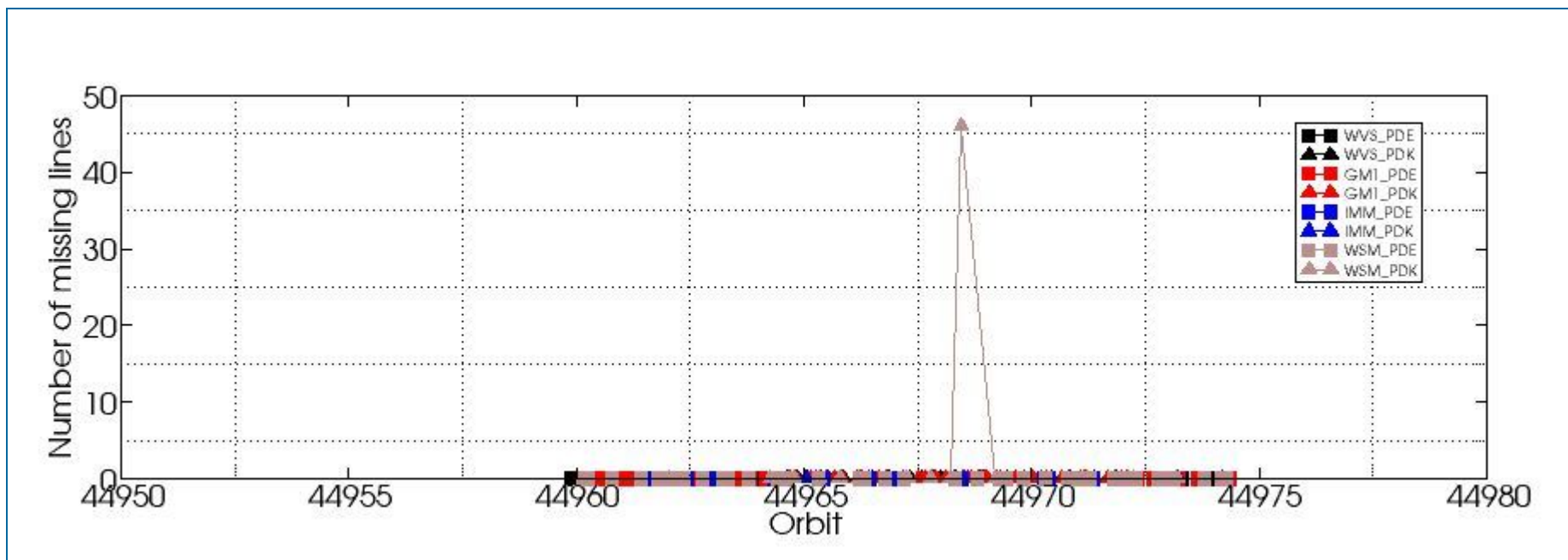
| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDK               | ASA_WSM_1PNPDK20101006_135724_000001842093_00325_44968_7717.N1 | 0    | 46            |

#### 8.1 - Number of Missing lines

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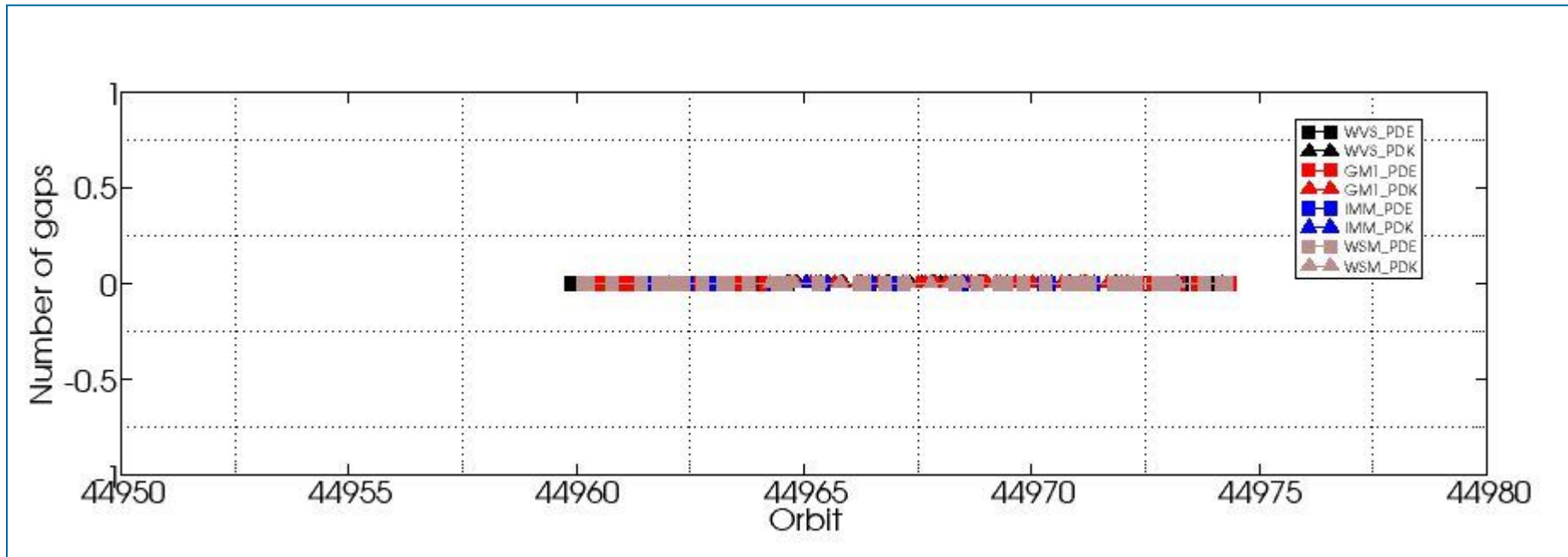






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 101006  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101006/

DATA SUMMARY

#####  
Summary will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101006/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_101006/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101006/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101006/AUXILIARY

Creating directory ./RESULTS/DAILY/\_101006/AUXILIARY...

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





ADF filter 20101006\*current\_3\_IECF\_ADFs.txt  
 Found list 20101006\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20100608\_125449\_20100317\_120410\_20101231\_000000  
 ASA\_INS\_AXVIEC20091217\_114637\_20090428\_100000\_20101231\_235959  
 ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
 ASA\_XCA\_AXVIEC20100608\_123419\_20100317\_120410\_20110101\_000000

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Auxiliary\_files\_summary.html...

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Analysing WVS products...

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_WVS.txt...

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|--|--|
| ASA_WVS_1PNPDE20101006_002225_000009672093_00317_44960_8148.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_004825_000003152093_00317_44960_8150.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_011322_000002402093_00317_44960_8153.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_011622_000002252093_00317_44960_8163.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_013001_000007492093_00318_44961_8167.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_021515_000001192093_00318_44961_8169.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_022157_000007492093_00318_44961_8176.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_025407_000001802093_00318_44961_8181.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_035434_000001042093_00319_44962_8184.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_035549_000009892093_00319_44962_8213.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_043443_000011692093_00319_44962_8218.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_053413_000010942093_00320_44963_8222.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_055158_000002102093_00320_44963_8272.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_061519_000018592093_00320_44963_8267.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_073332_000000302093_00321_44964_8266.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_202927_000018892093_00329_44972_8366.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_212042_000001502093_00329_44972_8367.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_212227_000000602093_00329_44972_8384.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_220838_000019792093_00330_44973_8389.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_230109_000002552093_00330_44973_8390.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_230439_000017092093_00330_44973_8400.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101006_235258_000008842093_00331_44974_8404.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_073332_000001352093_00321_44964_7581.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_075554_000011842093_00321_44964_7582.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_081732_000005692093_00322_44965_7585.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_090309_000008092093_00322_44965_7608.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_093630_000019192093_00322_44965_7621.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_104028_000010042093_00323_44966_7660.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_111706_000001202093_00323_44966_7659.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_112103_000016342093_00323_44966_7663.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_120454_000010942093_00324_44967_7691.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_123141_000003752093_00324_44967_7699.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_125742_000002252093_00324_44967_7701.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_131308_000005452093_00324_44967_7705.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_134829_000004942093_00325_44968_7721.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_141502_000002102093_00325_44968_7725.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_143818_000003002093_00325_44968_7724.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_144749_000001492093_00325_44968_7728.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_145438_000000742093_00326_44969_7730.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_154110_000010792093_00326_44969_7755.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_161854_000011242093_00326_44969_7759.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_171758_000013042093_00327_44970_7790.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_180033_000011092093_00327_44970_7794.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_185205_000016942093_00328_44971_7820.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20101006_194006_000003302093_00328_44971_7824.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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| ASA_GM1_1PNPDK20101006_115812_000000662093_00324_44967_7690.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_122358_000004592093_00324_44967_7698.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_123839_000007252093_00324_44967_7697.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_125519_000001382093_00324_44967_7700.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_130206_000006282093_00324_44967_7702.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_132256_000006712093_00325_44968_7703.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_133737_00000602093_00325_44968_7704.N1  | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_133739_000003442093_00325_44968_7718.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_140158_000002472093_00325_44968_7719.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_140733_000003322093_00325_44968_7720.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_141310_000001082093_00325_44968_7722.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_141915_000008522093_00325_44968_7723.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_143550_000001442093_00325_44968_7726.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_144358_000002292093_00325_44968_7727.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_145107_000002112093_00325_44968_7729.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_145634_000010752093_00326_44969_7731.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_151813_000002472093_00326_44969_7753.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_152437_000006162093_00326_44969_7754.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_155951_000008702093_00326_44969_7756.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_161644_000001262093_00326_44969_7757.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_163821_000007732093_00327_44970_7758.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_165437_000000662093_00327_44970_7788.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_170803_000003022093_00327_44970_7789.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_174027_000008882093_00327_44970_7791.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_175716_000001022093_00327_44970_7792.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_182113_000002892093_00328_44971_7793.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_182857_000002712093_00328_44971_7795.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_183224_000002292093_00328_44971_7817.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_192103_000008222093_00328_44971_7818.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_193733_000001502093_00328_44971_7822.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_195304_000006282093_00328_44971_7823.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20101006_200553_000002472093_00329_44972_7825.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing APM products...

No APM products available for the selected period...

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_IMM.txt...

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|--|--|
| ASA_IMM_1PNPDE20101006_001107_000000852093_00317_44960_8337.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_021854_000000512093_00318_44961_8161.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_035150_000001582093_00319_44962_8172.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_045855_000001142093_00320_44963_8211.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_050226_000000372093_00320_44963_8210.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_051817_000002032093_00320_44963_8205.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_052517_000000992093_00320_44963_8207.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_070507_000002182093_00321_44964_8256.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_071558_000002622093_00321_44964_8258.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_085541_000002622093_00322_44965_8297.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_103643_000001832093_00323_44966_8312.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_111948_000000702093_00323_44966_8325.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_140049_000000542093_00325_44968_8332.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_170249_000000372093_00327_44970_8344.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_171304_000002562093_00327_44970_8348.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_182026_000000372093_00328_44971_8350.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_184916_000001642093_00328_44971_8356.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101006_233818_000001122093_00331_44974_8415.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101006_081619_000000632093_00322_44965_7570.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101006_084739_000000922093_00322_44965_7586.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101006_134325_000000922093_00325_44968_7716.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



ASA\_IMM\_1PNPDK20101006\_215744\_000001552093\_00330\_44973\_7862.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_IMM\_1PNPDK20101006\_233603\_000001622093\_00331\_44974\_7870.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_101006/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA\_WSM\_1PNPDE20101006\_000455\_000003492093\_00317\_44960\_8142.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_000455\_000003492093\_00317\_44960\_8339.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_001318\_000001652093\_00317\_44960\_8144.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_001318\_000001652093\_00317\_44960\_8340.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_010745\_000002752093\_00317\_44960\_8151.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_021248\_000001472093\_00318\_44961\_8160.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_024711\_000002942093\_00318\_44961\_8192.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_031350\_000000982093\_00319\_44962\_8196.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_033935\_000002202093\_00319\_44962\_8162.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_034512\_000000982093\_00319\_44962\_8166.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_042622\_000003062093\_00319\_44962\_8208.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_051149\_000000982093\_00320\_44963\_8209.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_052156\_000001102093\_00320\_44963\_8206.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_060852\_000001652093\_00320\_44963\_8259.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_071219\_000000982093\_00321\_44964\_8257.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_072953\_000002202093\_00321\_44964\_8260.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_084238\_000002692093\_00322\_44965\_8292.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_101544\_000000802093\_00323\_44966\_8308.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_101908\_000001282093\_00323\_44966\_8309.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_102326\_000000922093\_00323\_44966\_8310.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_102638\_000004042093\_00323\_44966\_8311.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_110911\_000002942093\_00323\_44966\_8324.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_115113\_000003062093\_00324\_44967\_8326.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_115348\_000000982093\_00324\_44967\_8323.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_134553\_000001592093\_00325\_44968\_8331.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_143333\_000001282093\_00325\_44968\_8334.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_152228\_000001222093\_00326\_44969\_8335.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_153651\_000001532093\_00326\_44969\_8336.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_161429\_000001282093\_00326\_44969\_8330.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_170516\_000001652093\_00327\_44970\_8346.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_175519\_000001102093\_00327\_44970\_8343.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_182609\_000001652093\_00328\_44971\_8351.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_184051\_000001712093\_00328\_44971\_8352.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_184357\_000002812093\_00328\_44971\_8355.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_193450\_000001592093\_00328\_44971\_8354.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_194624\_000001592093\_00328\_44971\_8357.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_195012\_000001712093\_00328\_44971\_8358.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_202030\_000000862093\_00329\_44972\_8360.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_202611\_000000982093\_00329\_44972\_8361.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_211558\_000001842093\_00329\_44972\_8370.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_212404\_000002142093\_00329\_44972\_8376.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_214624\_000000982093\_00330\_44973\_8377.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_214930\_000002632093\_00330\_44973\_8378.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_225411\_000003552093\_00330\_44973\_8383.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_233346\_000001222093\_00331\_44974\_8414.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDE20101006\_234421\_000004042093\_00331\_44974\_8417.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_031233\_000004532093\_00319\_44962\_7616.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_065741\_000003672093\_00321\_44964\_7599.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_074833\_000002452093\_00321\_44964\_7569.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_084432\_000000922093\_00322\_44965\_7583.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_092841\_000003002093\_00322\_44965\_7628.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_101341\_000001222093\_00323\_44966\_7630.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_115609\_000001162093\_00324\_44967\_7661.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_115932\_000003062093\_00324\_44967\_7670.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_125052\_000002692093\_00324\_44967\_7711.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_133412\_000002022093\_00325\_44968\_7712.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
 ASA\_WSM\_1PNPDK20101006\_135724\_000001842093\_00325\_44968\_7717.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK



```
ASA_WSM_1PNPDK20101006_151438_000002082093_00326_44969_7733.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101006_183618_000002812093_00328_44971_7805.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101006_201004_000002942093_00329_44972_7836.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101006_201816_000001222093_00329_44972_7846.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101006_215544_000000672093_00330_44973_7861.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_101006/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_101006/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_101006/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

\*\*\*\*\*  
\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1

Test product: ASA\_MS\_\_0PNPDK20101005\_080956\_000000162093\_00307\_44950\_0219.N1

H

H

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20101005\_080956-20010209\_135042.png

Polarization: V

Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1

Test product: ASA\_MS\_\_0PNPDK20101006\_073819\_000000162093\_00321\_44964\_0220.N1

V

V

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20101006\_073819-20010209\_140823.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20101006\_073819-20010209\_140823.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20101006\_073819-20010209\_140823.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20101006\_073819-20010209\_140823.png

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\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_\_0PNPDE20101004\_015910\_000000162093\_00289\_44932\_0574.N1

Test product: ASA\_MS\_\_0PNPDK20101005\_080956\_000000162093\_00307\_44950\_0219.N1

H

H

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20101005\_080956-20101004\_015910.png

Polarization: V

Reference product: ASA\_MS\_\_0PNPDK20101004\_084133\_000000162093\_00293\_44936\_0218.N1



Test product: ASA\_MS\_\_0PNPDK20101006\_073819\_000000162093\_00321\_44964\_0220.N1

V  
V

../../../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20101006\_073819-20101004\_084133.png  
../../../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20101006\_073819-20101004\_084133.png  
../../../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20101006\_073819-20101004\_084133.png  
../../../../RESULTS/DAILY/\_101006/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20101006\_073819-20101004\_084133.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES...

\*\*\*\*\*  
\*\*\*\*\*

ALL ROWS Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-10-06\_1.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-10-06\_2.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-10-06\_3.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-10-06\_4.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_101006//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 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-06\_1.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-06\_2.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...



Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-06\_3.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-06 00:00:00 to 2010-10-06 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_101006/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-06\_4.dat...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_101006//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_101006/DOPPLER...

\*\*\*\*\*

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DOPPLER ANX Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...

Writing file ./RESULTS/DAILY/\_101006/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-10-06.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101006/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...

Writing file ./RESULTS/DAILY/\_101006/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-10-06.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101006/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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\*\*\*\*\*

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-06 00:00:00 to 2010-10-06 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...

Writing file ./RESULTS/DAILY/\_101006/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-10-06.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101006/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_101006/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*

\*\*\*\*\*

DOPPLER MAP Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 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 = -23.974450 Hz

Writing file ../../RESULTS/DAILY/\_101006//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_101006//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -26.778824 Hz
Writing file ../../RESULTS/DAILY/_101006//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_101006//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 = 5.5100933 Hz
Writing file ../../RESULTS/DAILY/_101006//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101006//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -5.4084252 Hz
Writing file ../../RESULTS/DAILY/_101006//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101006//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101006/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...
Writing file ./RESULTS/DAILY/_101006/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-06.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101006/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101006/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...
Writing file ./RESULTS/DAILY/_101006/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-06.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101006/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101006/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
```



#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101006/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_101006/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_WVS\_2010-10-06.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2010-10-06 00:00:00 to 2010-10-06 23:59:59...  
Writing file ./RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_IMM\_2010-10-06.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101006/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-10-06 00:00:00 to 2010-10-06 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101006/TELEMETRY

Creating directory ./RESULTS/DAILY/\_101006/TELEMETRY...

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

\*\*\*\*\*  
Checking 24 products from PDE...  
Checking 23 products from PDK...

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

\*\*\*\*\*  
Checking 46 products from PDE...  
Checking 48 products from PDK...

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

\*\*\*\*\*  
No products from PDE...  
No products from PDK...

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

\*\*\*\*\*  
Checking 18 products from PDE...  
Checking 5 products from PDK...

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

\*\*\*\*\*  
Checking 46 products from PDE...  
Checking 16 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20101006\_135724\_000001842093\_00325\_44968\_7717.N1 / 0 gaps / 46 missing lines

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_101006/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_101006/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_101006/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_GM1_1PNPDE20101006_001613_000003682093_00317_44960_8338.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_001613_000003682093_00317_44960_8342.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_001613_000003682093_00317_44960_8349.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_003921_000001142093_00317_44960_8341.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_003921_000001142093_00317_44960_8347.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_004218_000003622093_00317_44960_8149.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_005428_000007912093_00317_44960_8152.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_012324_000003922093_00317_44960_8164.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_014314_000014982093_00318_44961_8165.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_020928_000001932093_00318_44961_8168.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_021959_000001142093_00318_44961_8170.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_023504_000007192093_00318_44961_8173.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_025209_000001082093_00318_44961_8175.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_025752_000001142093_00318_44961_8174.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_025958_000004532093_00318_44961_8178.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_030913_000001932093_00318_44961_8177.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_032010_000006102093_00319_44962_8179.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_033103_000005072093_00319_44962_8183.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_034318_000001022093_00319_44962_8182.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_034653_000002952093_00319_44962_8185.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_041558_000006162093_00319_44962_8214.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_043136_000001872093_00319_44962_8212.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_045453_000002412093_00320_44963_8215.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_050100_000000842093_00320_44963_8216.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_050312_000005132093_00320_44963_8217.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_051330_000002892093_00320_44963_8220.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_052353_000000782093_00320_44963_8219.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_052704_000004282093_00320_44963_8221.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_055616_000007492093_00320_44963_8274.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_061141_000002172093_00320_44963_8273.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_064702_000006282093_00321_44964_8271.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_070856_000001992093_00321_44964_8270.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_071403_000001142093_00321_44964_8269.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_072030_000005552093_00321_44964_8268.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_201500_000001932093_00329_44972_8362.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_202205_000002412093_00329_44972_8363.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_202754_000000842093_00329_44972_8364.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_210139_000008522093_00329_44972_8365.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_211907_000000902093_00329_44972_8368.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_212741_000011182093_00329_44972_8387.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_214805_000000722093_00330_44973_8386.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_215419_000000722093_00330_44973_8385.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_220032_000004832093_00330_44973_8388.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_224215_000007132093_00330_44973_8391.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_234023_000002292093_00331_44974_8399.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101006_235112_000000962093_00331_44974_8401.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_073630_000001022093_00321_44964_7602.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_073936_000005312093_00321_44964_7580.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_075251_000001812093_00321_44964_7584.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_082751_000006042093_00322_44965_7587.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_083634_000003562093_00322_44965_7605.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_084919_000001322093_00322_44965_7606.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_090013_000001752093_00322_44965_7607.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_091728_000006712093_00322_44965_7609.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_093345_000001632093_00322_44965_7610.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_100906_000002712093_00323_44966_7611.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_101711_000001082093_00323_44966_7623.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_102119_000001202093_00323_44966_7656.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_103323_000001992093_00323_44966_7657.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_105804_000006282093_00323_44966_7658.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_111405_000001812093_00323_44966_7662.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_114909_000001142093_00324_44967_7664.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_115812_000000662093_00324_44967_7690.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_122358_000004592093_00324_44967_7698.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20101006_123839_000007252093_00324_44967_7697.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_125519_000001382093_00324_44967_7700.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_130206_000006282093_00324_44967_7702.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_132256_000006712093_00325_44968_7703.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_133737_00000602093_00325_44968_7704.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_133739_000003442093_00325_44968_7718.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_140158_000002472093_00325_44968_7719.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_140733_000003322093_00325_44968_7720.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_141310_000001082093_00325_44968_7722.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_141915_000008522093_00325_44968_7723.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_143550_000001442093_00325_44968_7726.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_144358_000002292093_00325_44968_7727.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_145107_000002112093_00325_44968_7729.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_145634_000010752093_00326_44969_7731.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_151813_000002472093_00326_44969_7753.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_152437_000006162093_00326_44969_7754.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_155951_000008702093_00326_44969_7756.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_161644_000001262093_00326_44969_7757.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_163821_000007732093_00327_44970_7758.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_165437_00000662093_00327_44970_7788.N1  | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_170803_000003022093_00327_44970_7789.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_174027_000008882093_00327_44970_7791.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_175716_000001022093_00327_44970_7792.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_182113_000002892093_00328_44971_7793.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_182857_000002712093_00328_44971_7795.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_183224_000002292093_00328_44971_7817.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_192103_000008222093_00328_44971_7818.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_193733_000001502093_00328_44971_7822.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_195304_000006282093_00328_44971_7823.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101006_200553_000002472093_00329_44972_7825.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_1PNPDE20101006_001107_000000852093_00317_44960_8337.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_021854_000000512093_00318_44961_8161.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_035150_000001582093_00319_44962_8172.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_045855_000001142093_00320_44963_8211.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_050226_000000372093_00320_44963_8210.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_051817_000002032093_00320_44963_8205.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_052517_000000992093_00320_44963_8207.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_070507_000002182093_00321_44964_8256.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_071558_000002622093_00321_44964_8258.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_085541_000002622093_00322_44965_8297.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_103643_000001832093_00323_44966_8312.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_111948_000000702093_00323_44966_8325.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_140049_000000542093_00325_44968_8332.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_170249_000000372093_00327_44970_8344.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_171304_000002562093_00327_44970_8348.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_182026_000000372093_00328_44971_8350.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_184916_000001642093_00328_44971_8356.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101006_233818_000001122093_00331_44974_8415.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101006_081619_000000632093_00322_44965_7570.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101006_084739_000000922093_00322_44965_7586.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101006_134325_000000922093_00325_44968_7716.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101006_215744_000001552093_00330_44973_7862.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101006_233603_000001622093_00331_44974_7870.N1 |         |         |         |         | OK | OK | OK | OK |



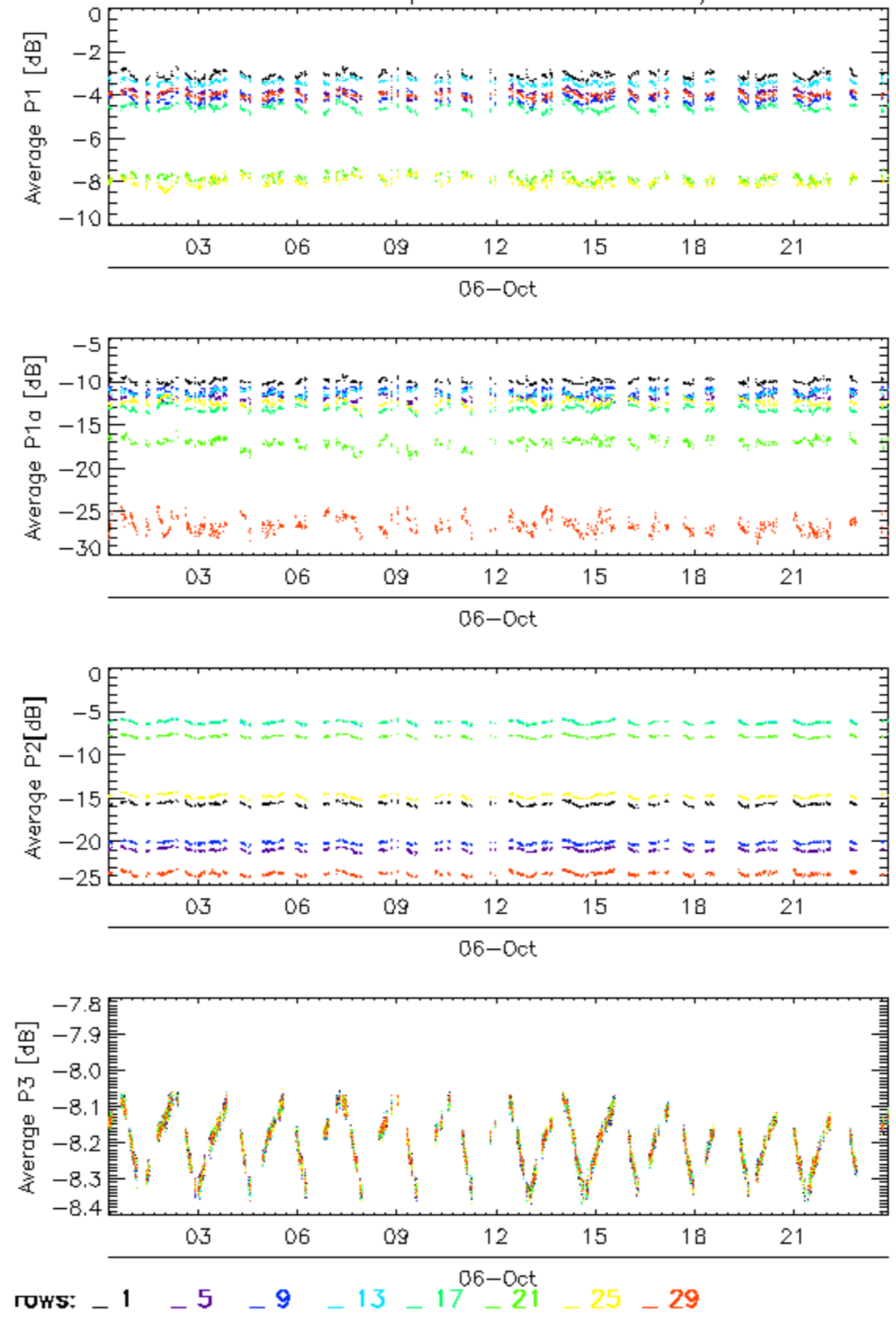
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20101006_000455_000003492093_00317_44960_8142.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_000455_000003492093_00317_44960_8339.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_001318_000001652093_00317_44960_8144.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_001318_000001652093_00317_44960_8340.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_010745_000002752093_00317_44960_8151.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_021248_000001472093_00318_44961_8160.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_024711_000002942093_00318_44961_8192.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_031350_000000982093_00319_44962_8196.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_033935_000002202093_00319_44962_8162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_034512_000000982093_00319_44962_8166.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_042622_000003062093_00319_44962_8208.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_051149_000000982093_00320_44963_8209.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_052156_000001102093_00320_44963_8206.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_060852_000001652093_00320_44963_8259.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_071219_000000982093_00321_44964_8257.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_072953_000002202093_00321_44964_8260.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_084238_000002692093_00322_44965_8292.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_101544_000000802093_00323_44966_8308.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_101908_000001282093_00323_44966_8309.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_102326_000000922093_00323_44966_8310.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_102638_000004042093_00323_44966_8311.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_110911_000002942093_00323_44966_8324.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_115113_000003062093_00324_44967_8326.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_115348_000000982093_00324_44967_8323.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_134553_000001592093_00325_44968_8331.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDE20101006_161429_000001282093_00326_44969_8330.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDE20101006_175519_000001102093_00327_44970_8343.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDE20101006_184051_000001712093_00328_44971_8352.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_184357_000002812093_00328_44971_8355.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_193450_000001592093_00328_44971_8354.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101006_194624_000001592093_00328_44971_8357.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDE20101006_214624_000000982093_00330_44973_8377.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDE20101006_234421_000004042093_00331_44974_8417.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101006_031233_000004532093_00319_44962_7616.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDK20101006_074833_000002452093_00321_44964_7569.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101006_084432_000000922093_00322_44965_7583.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101006_092841_000003002093_00322_44965_7628.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101006_101341_000001222093_00323_44966_7630.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDK20101006_125052_000002692093_00324_44967_7711.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101006_133412_000002022093_00325_44968_7712.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WSM_1PNPDK20101006_151438_000002082093_00326_44969_7733.N1 |         |         |         |         | OK | OK | OK | OK |
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Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

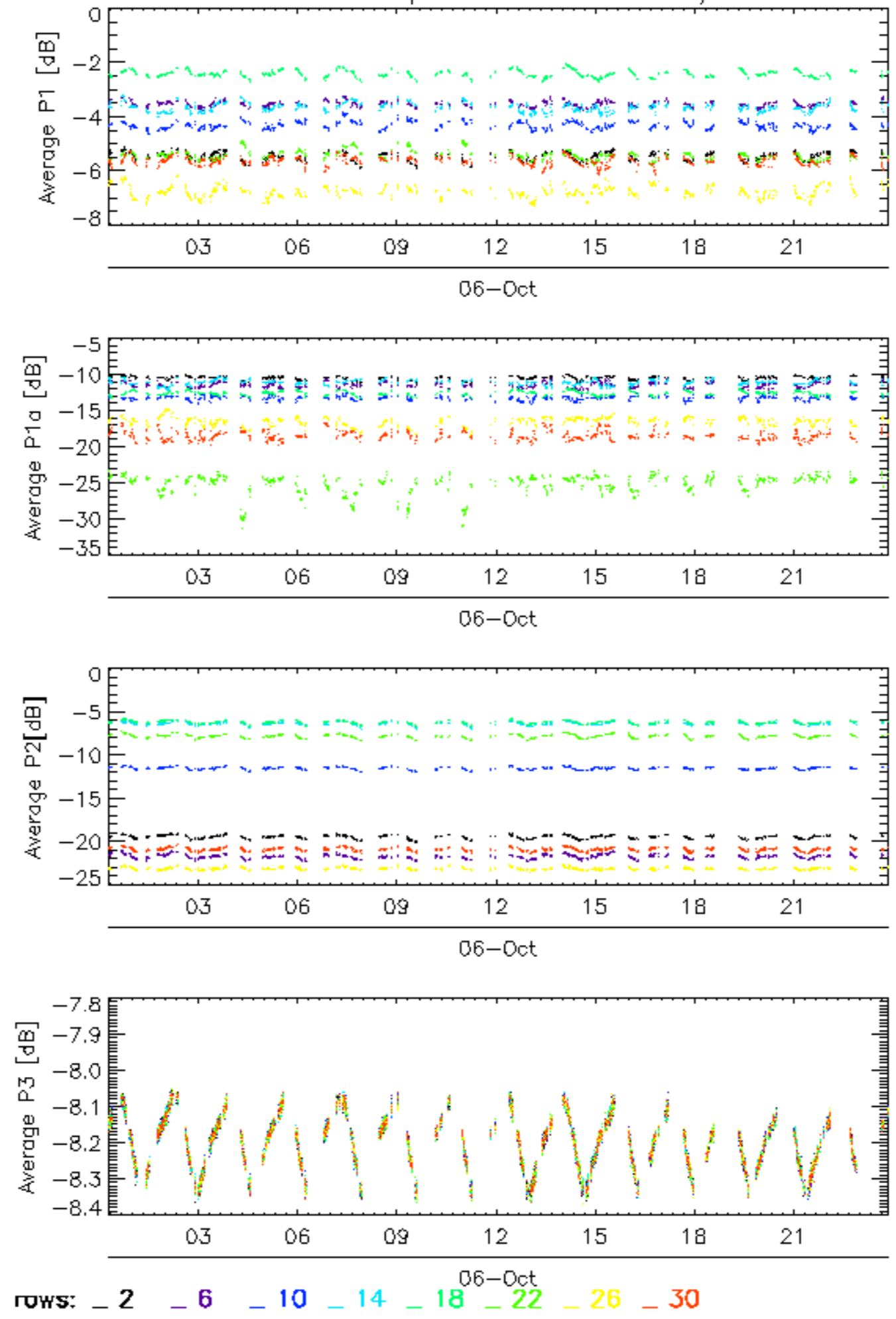
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| ASA_WVS_1PNPDE20101006_011322_000002402093_00317_44960_8153.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDE20101006_035549_000009892093_00319_44962_8213.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_043443_000011692093_00319_44962_8218.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_053413_000010942093_00320_44963_8222.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_055158_000002102093_00320_44963_8272.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_061519_000018592093_00320_44963_8267.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_073332_00000302093_00321_44964_8266.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101006_202927_000018892093_00329_44972_8366.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20101006_143818_000003002093_00325_44968_7724.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101006_144749_000001492093_00325_44968_7728.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101006_145438_000000742093_00326_44969_7730.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101006_154110_000010792093_00326_44969_7755.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20101006_171758_000013042093_00327_44970_7790.N1 |         |         |         |         | OK | OK | OK | OK |
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Calibration pulses for GM1 SS3 H/H

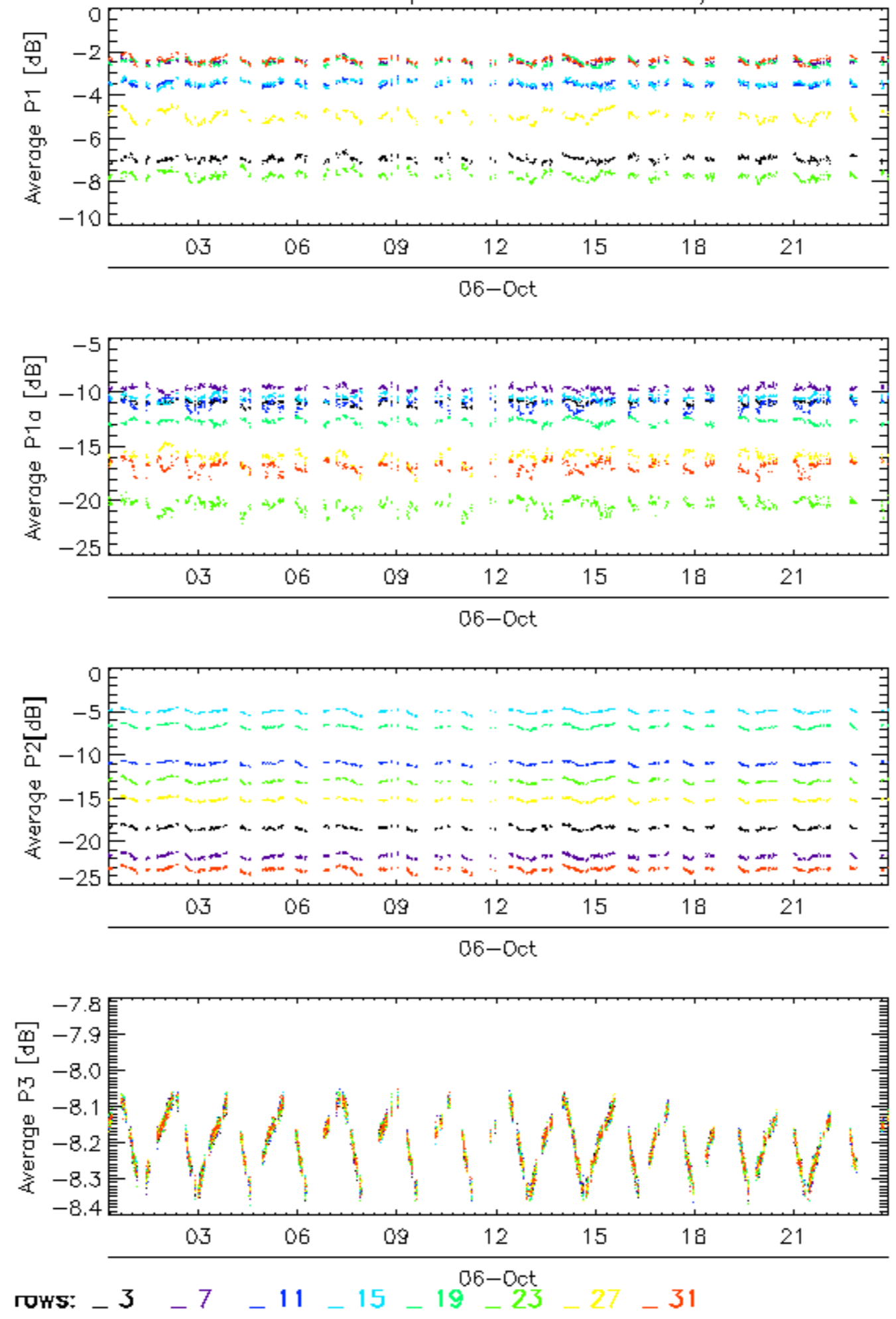




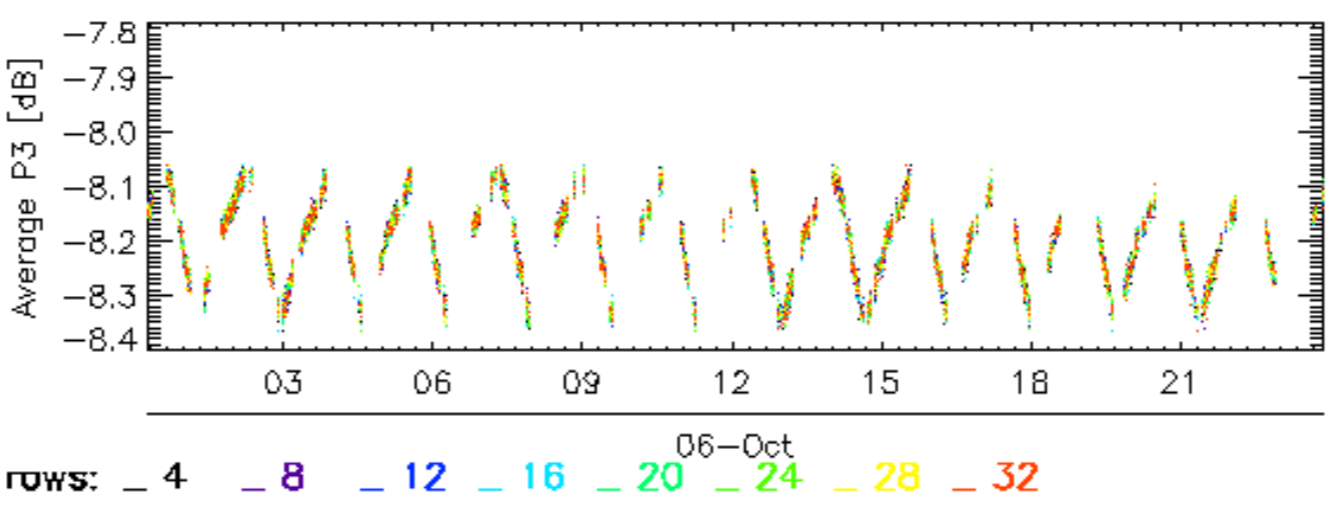
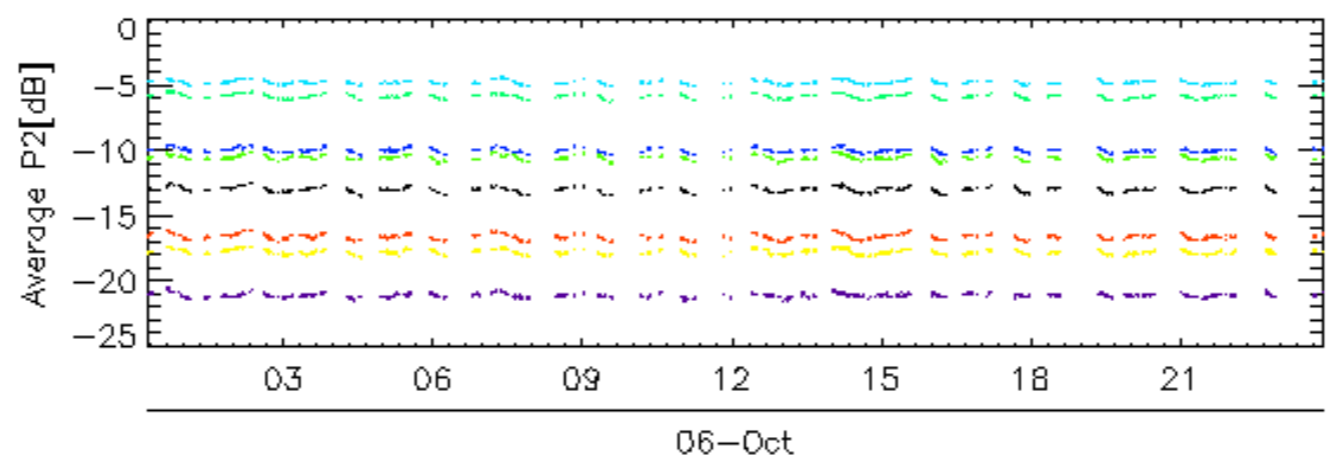
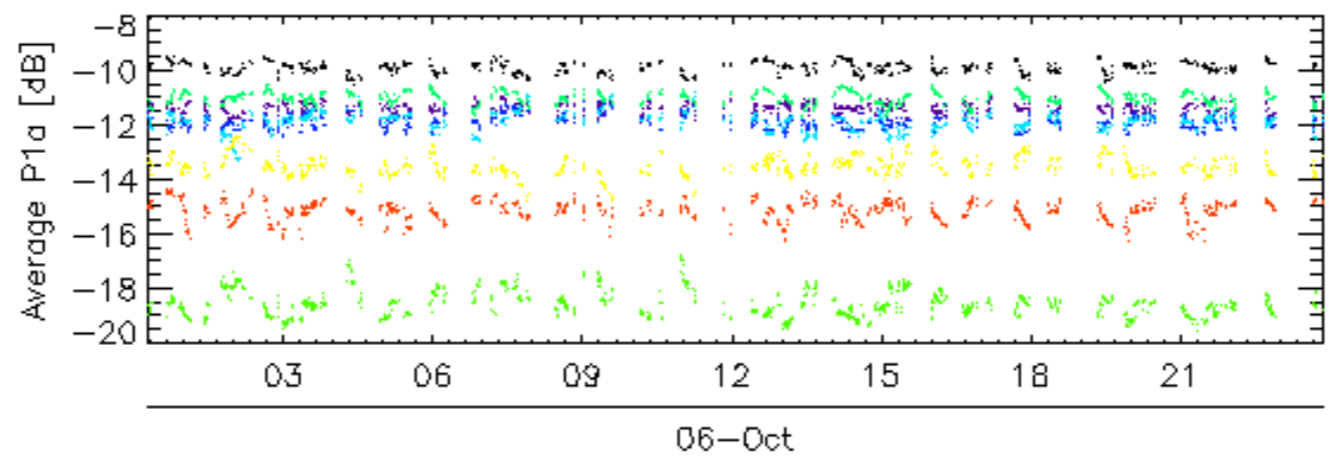
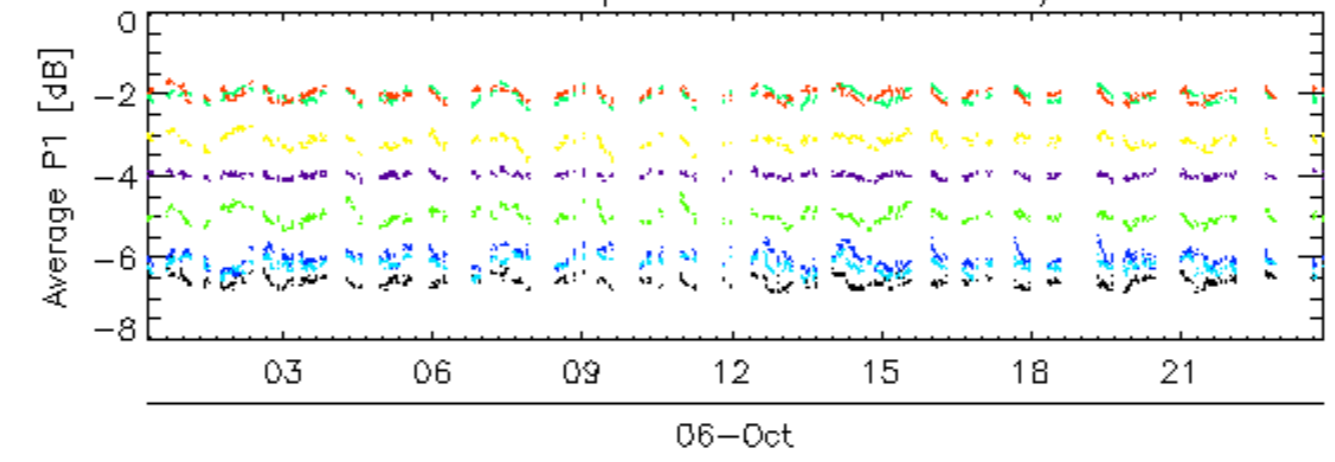
### Calibration pulses for GM1 SS3 H/H



### Calibration pulses for GM1 SS3 H/H

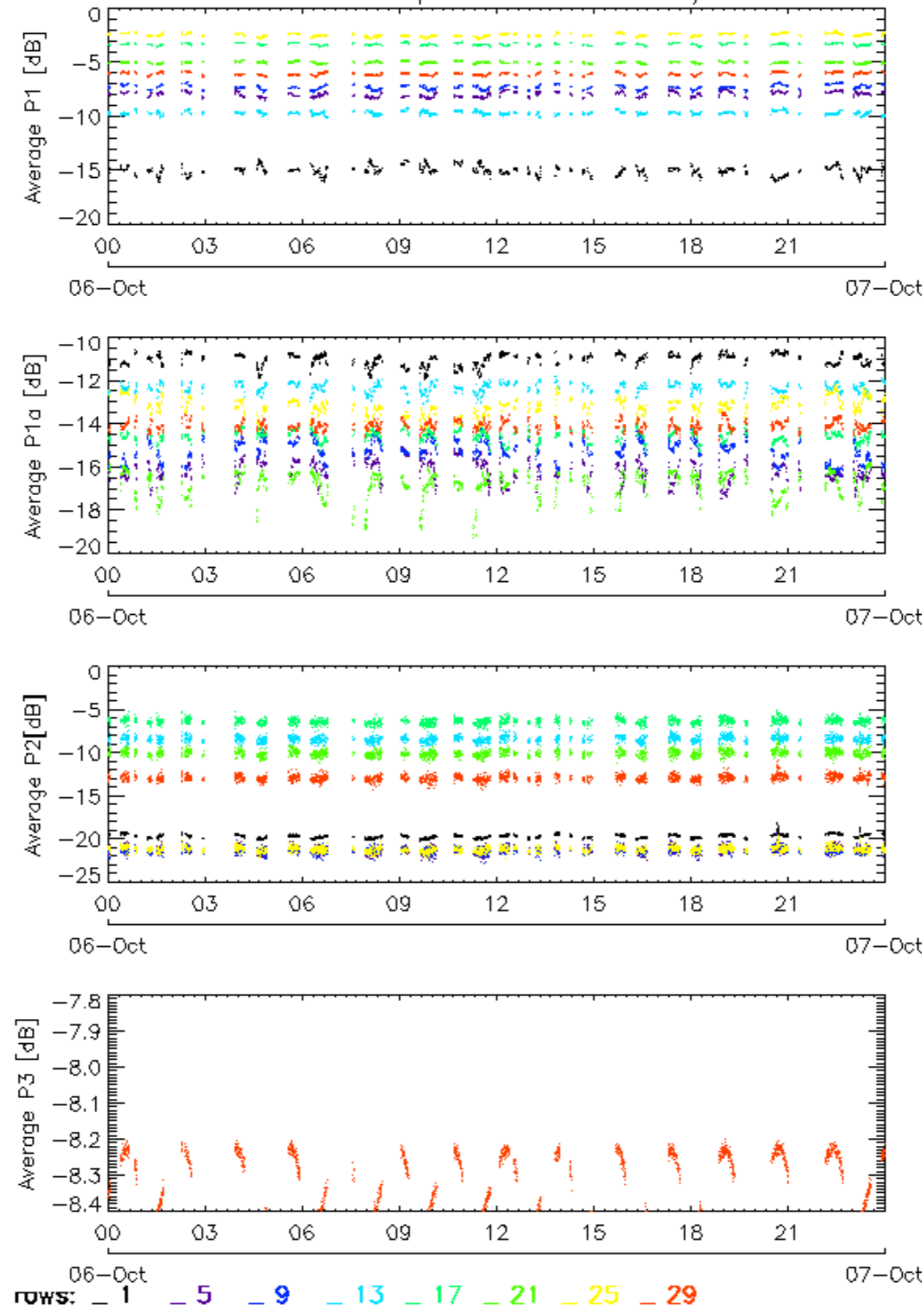


### Calibration pulses for GM1 SS3 H/H

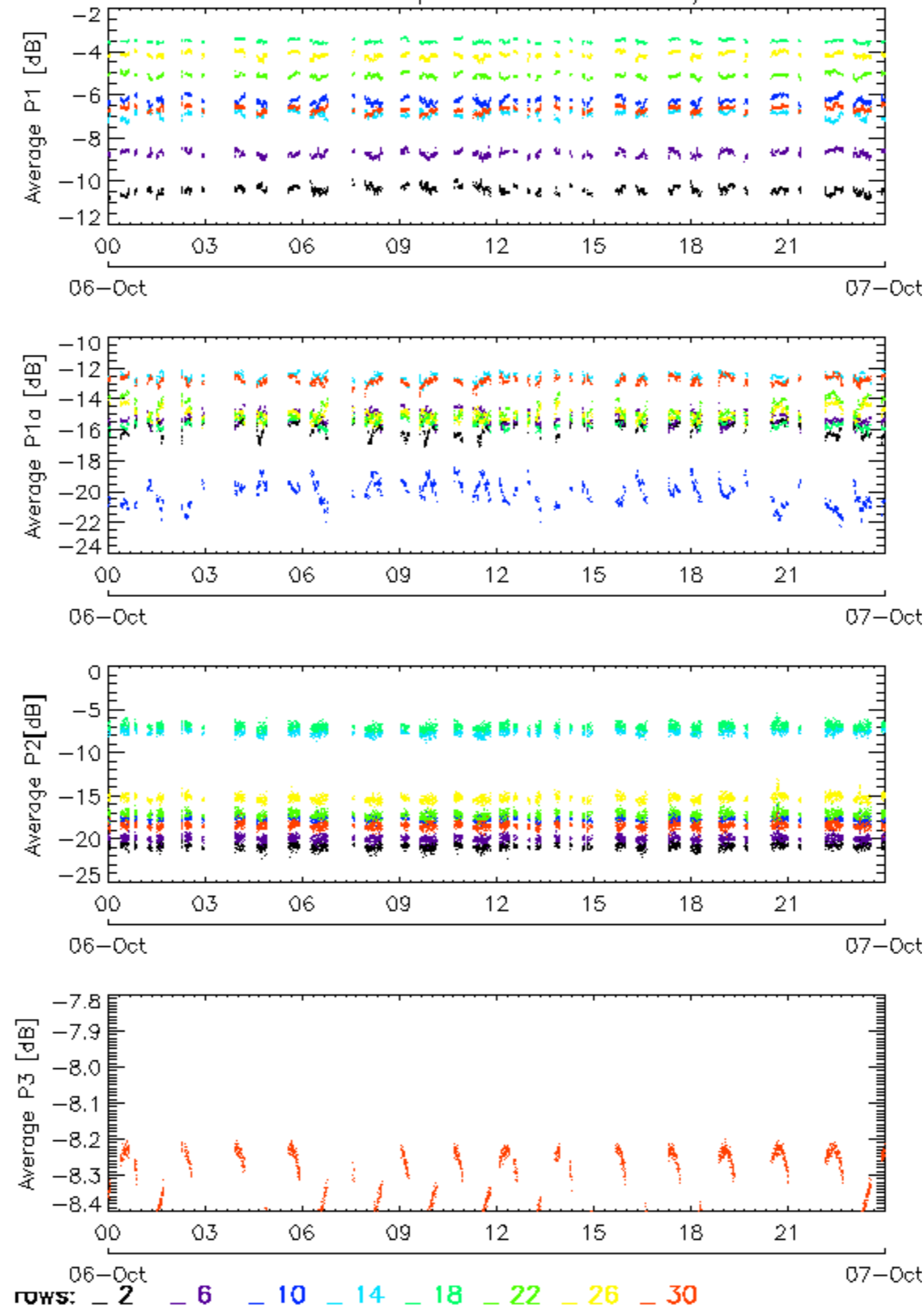




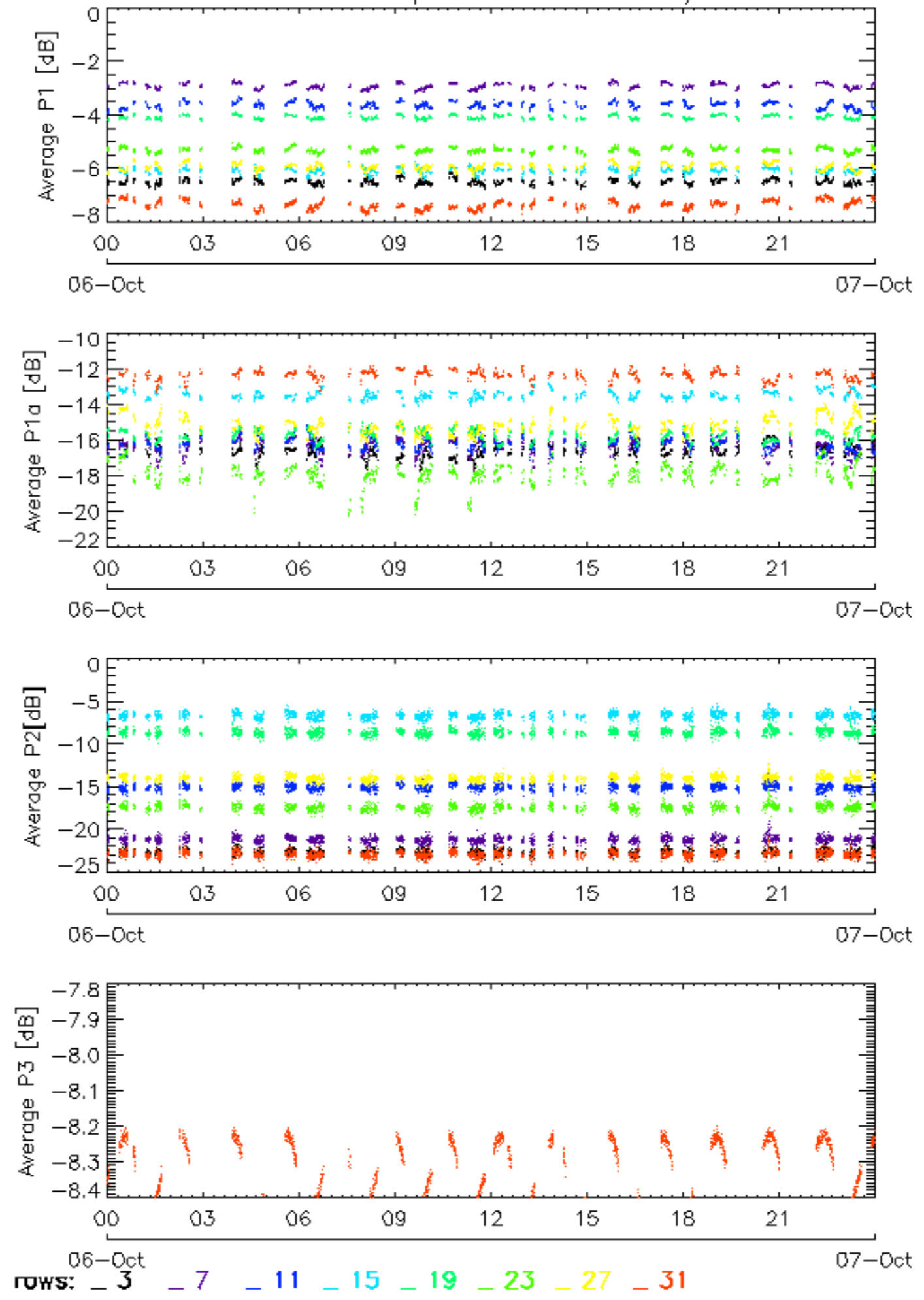
### Calibration pulses for WVS IS2 V/V



### Calibration pulses for WVS IS2 V/V

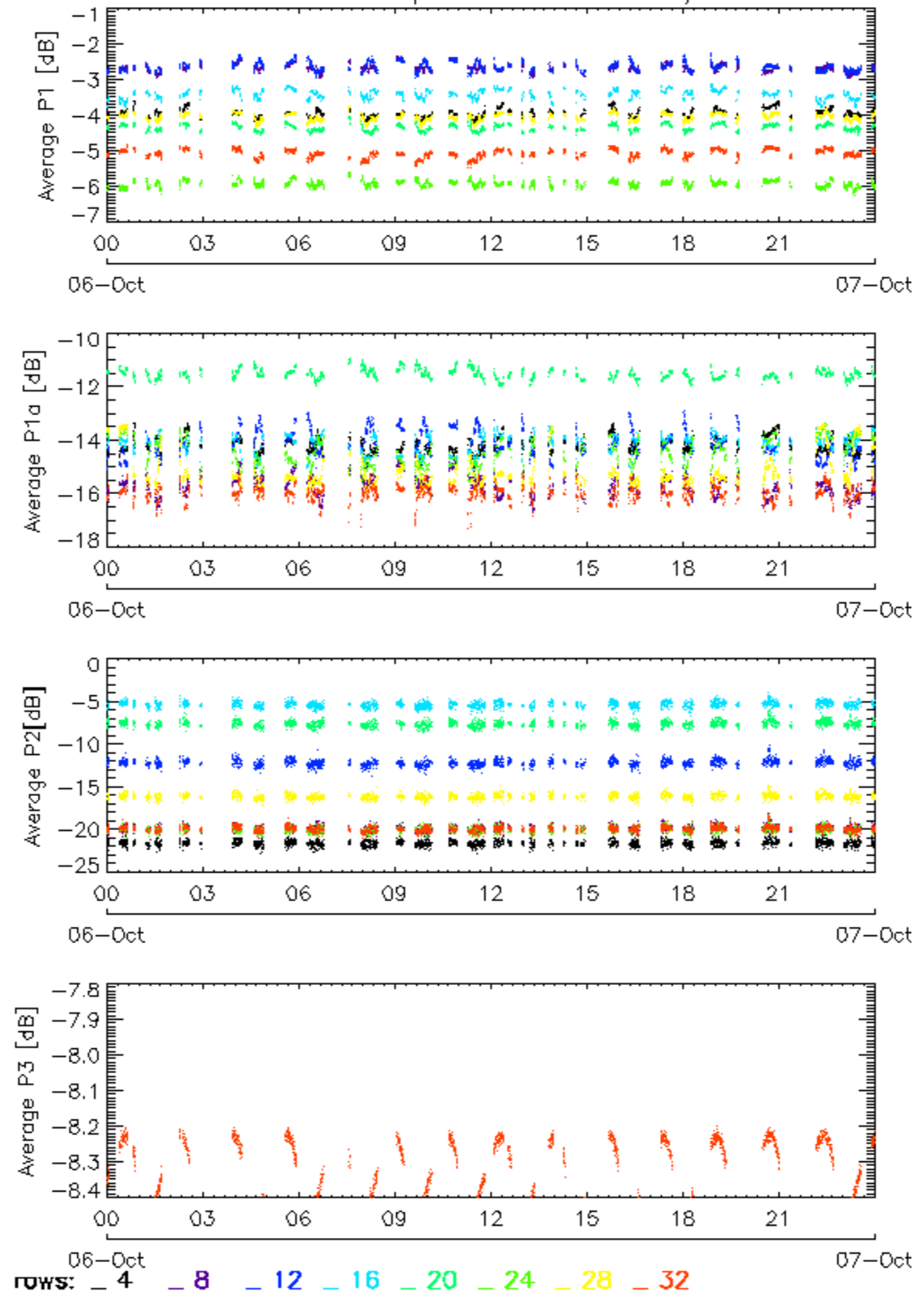


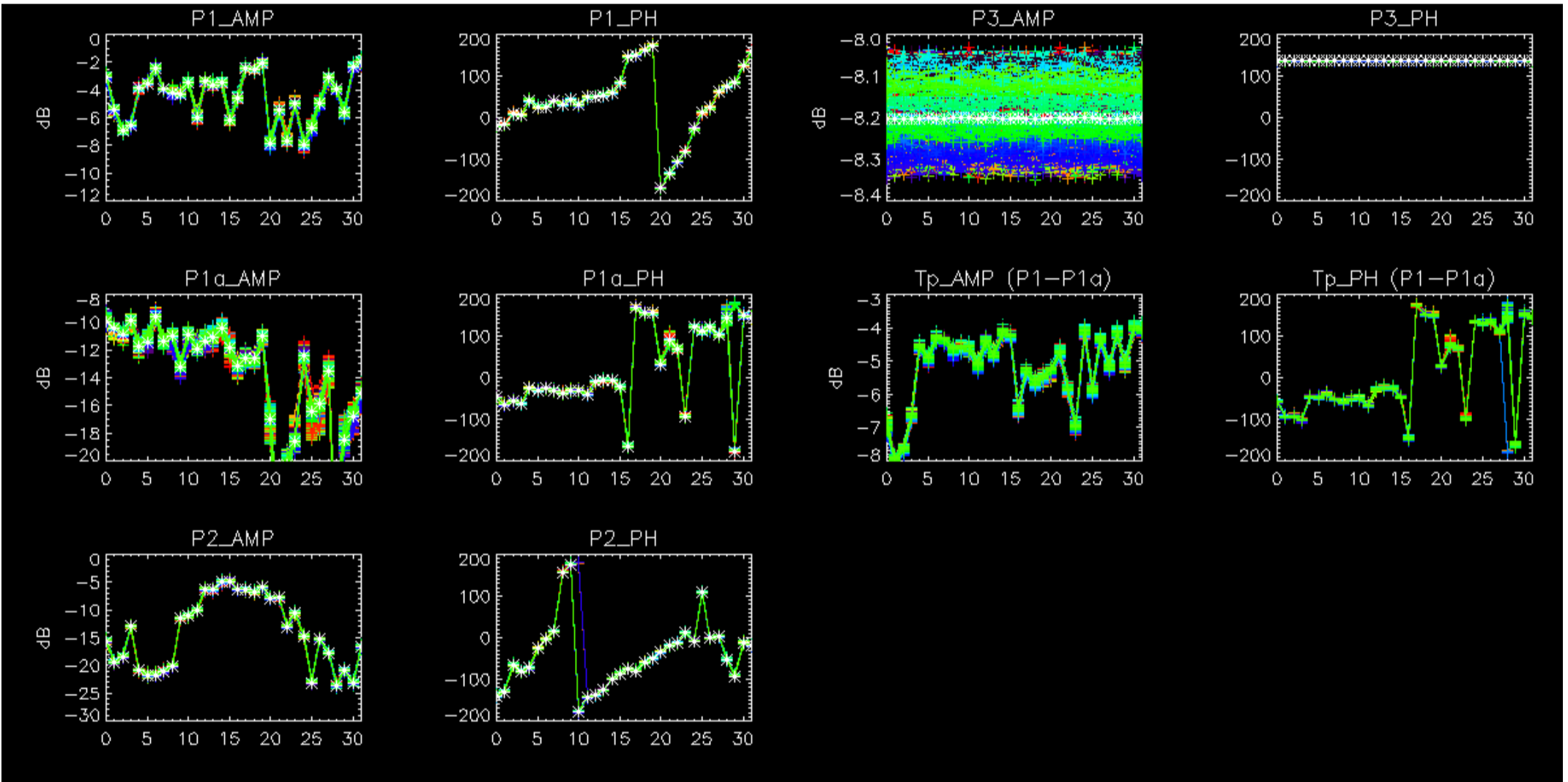
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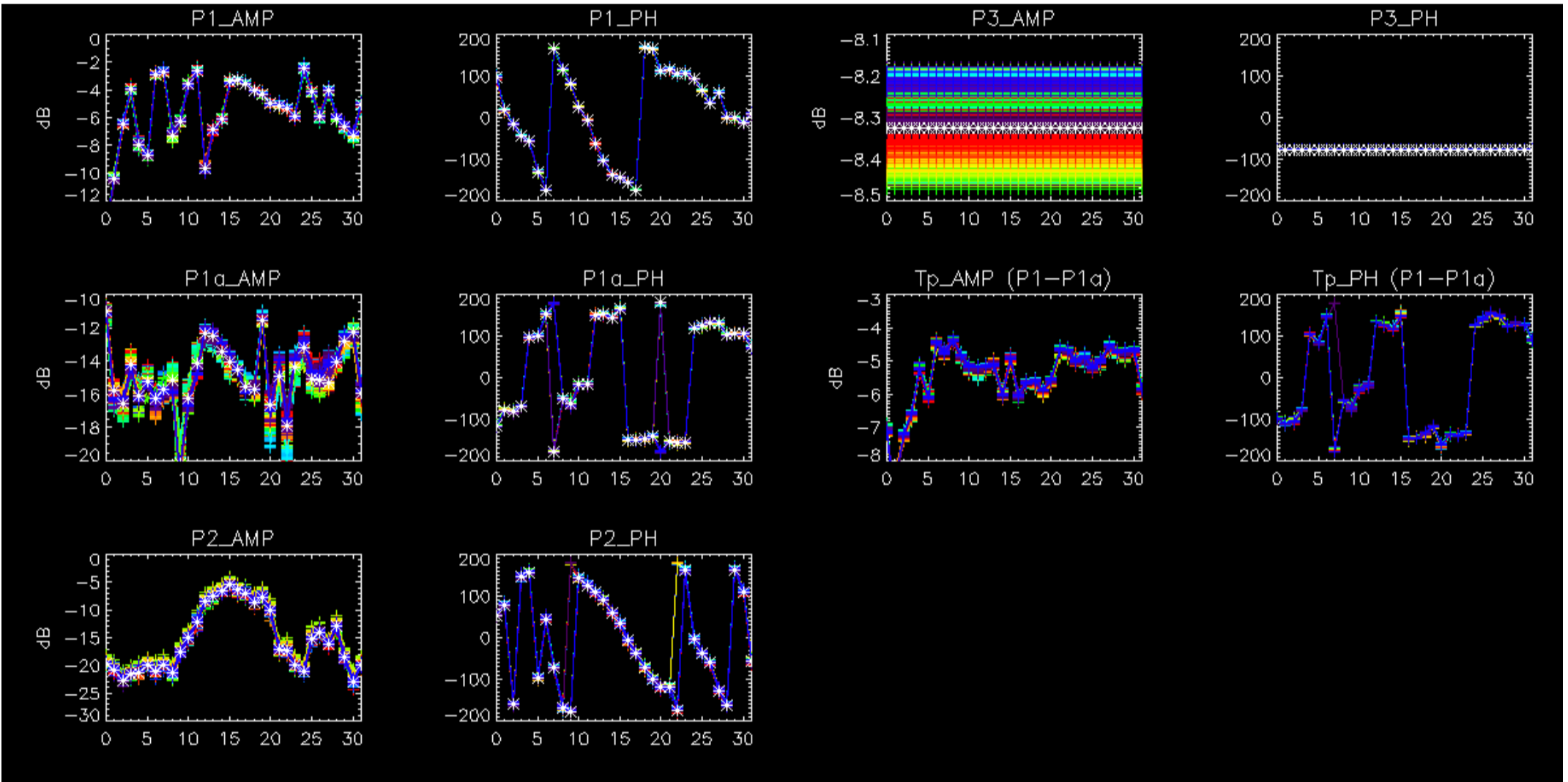




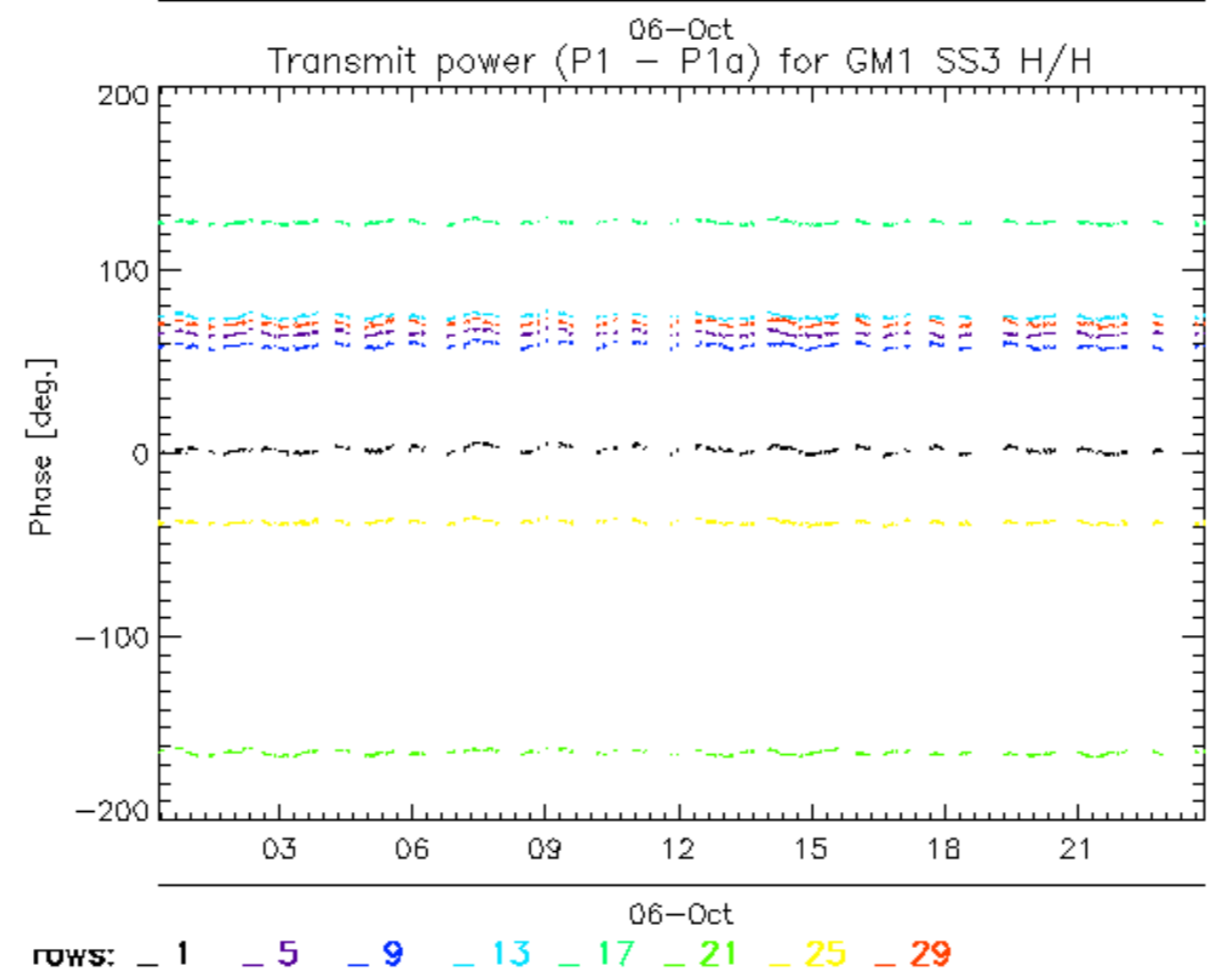
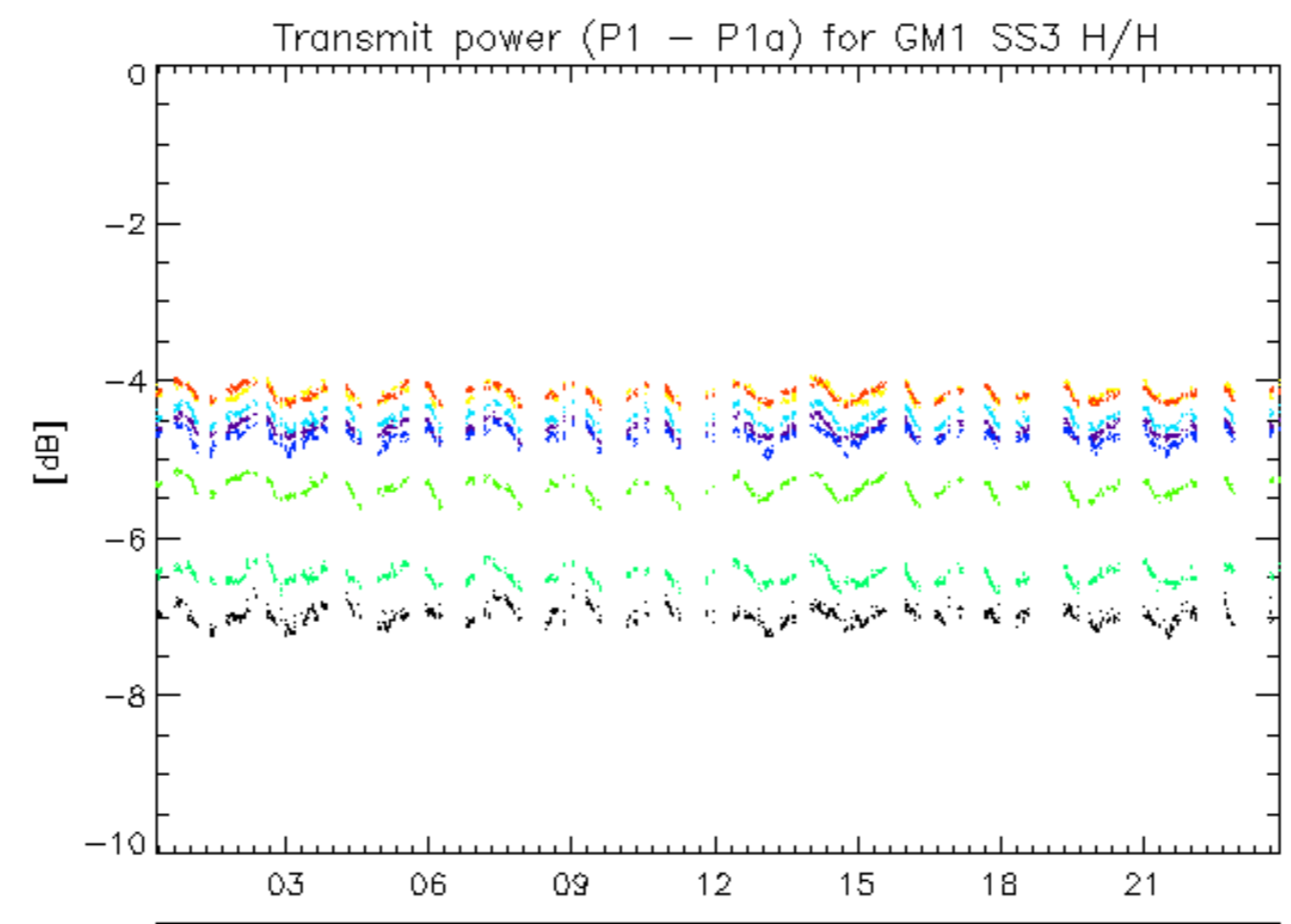
### Calibration pulses for WVS IS2 V/V

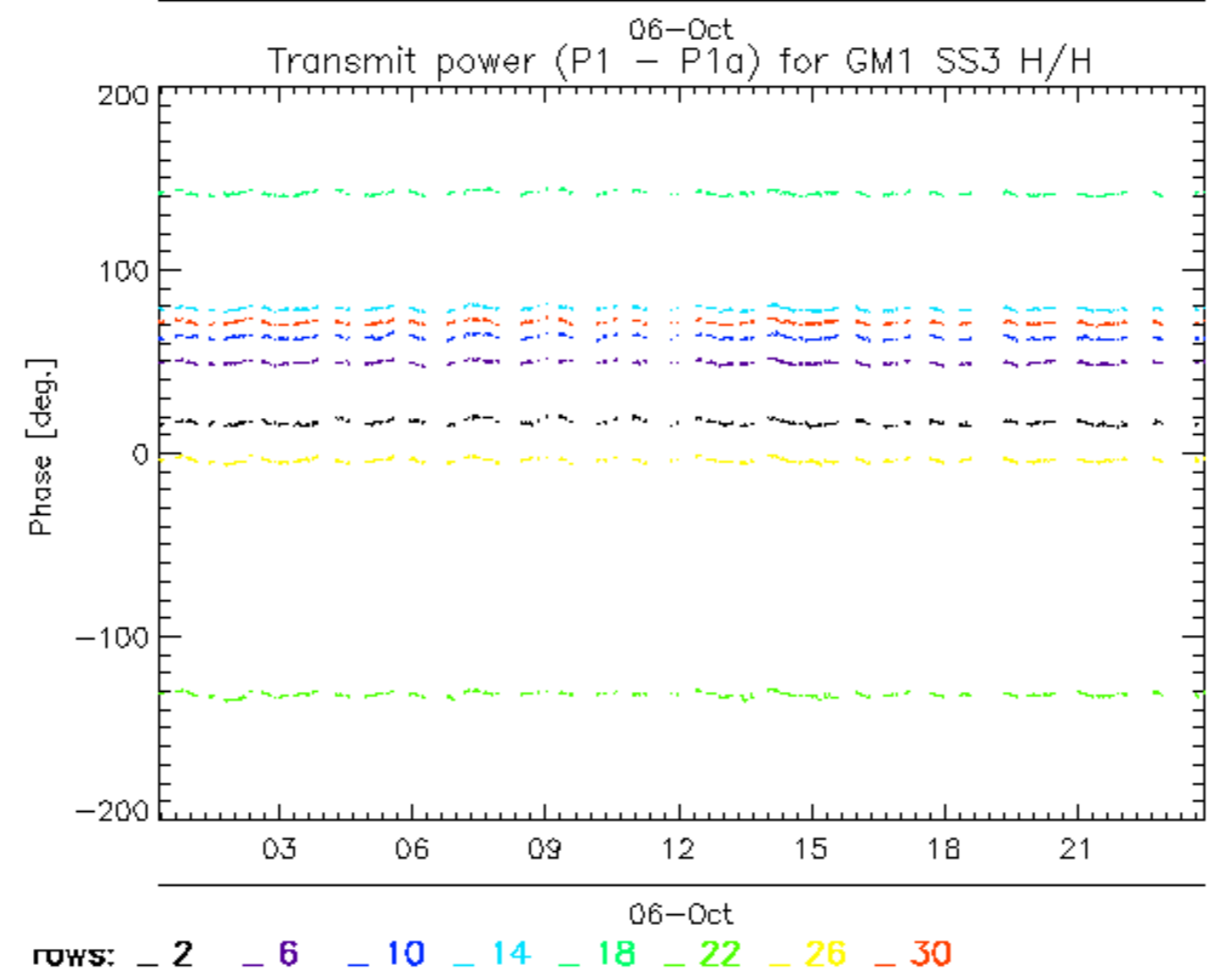
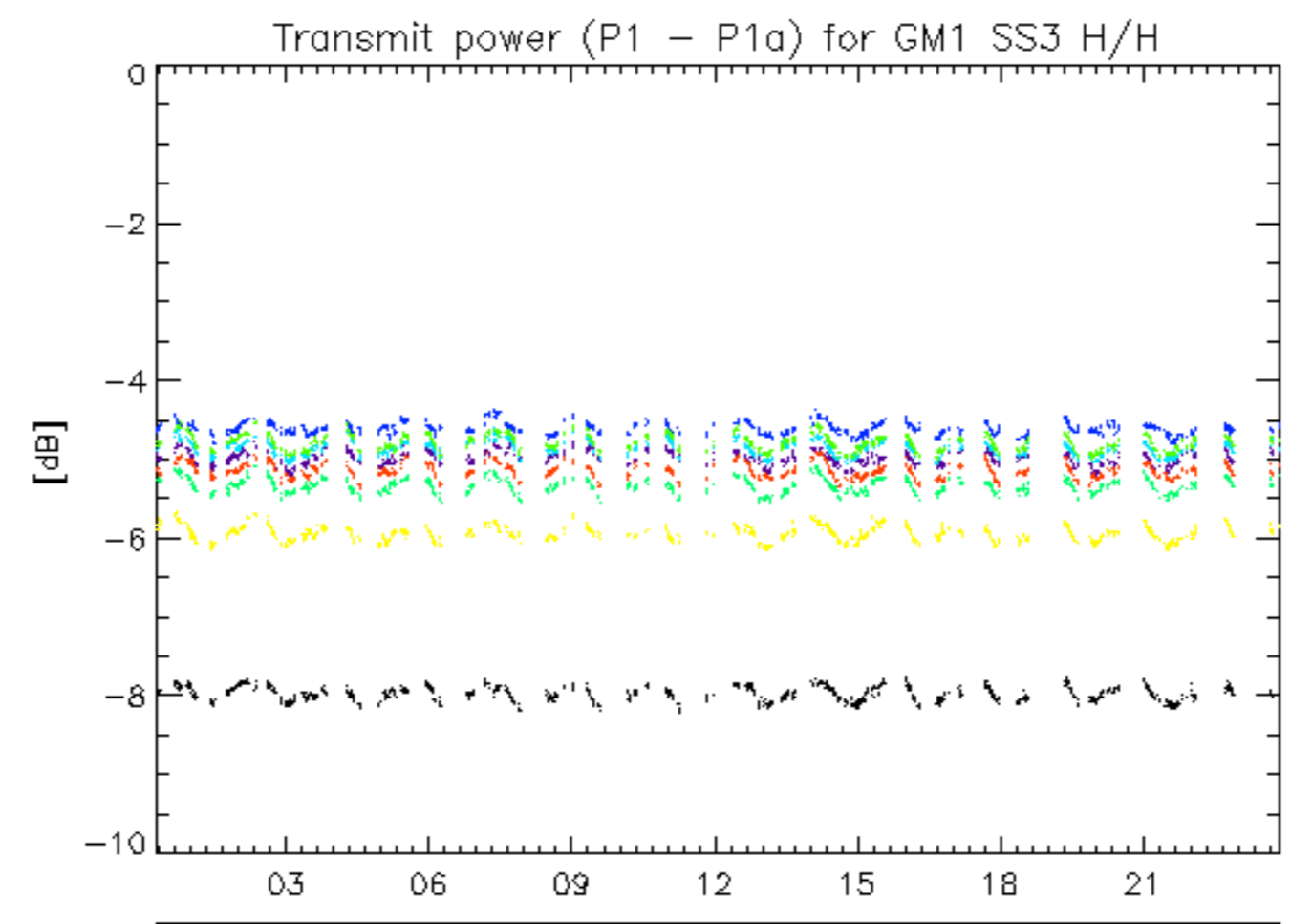


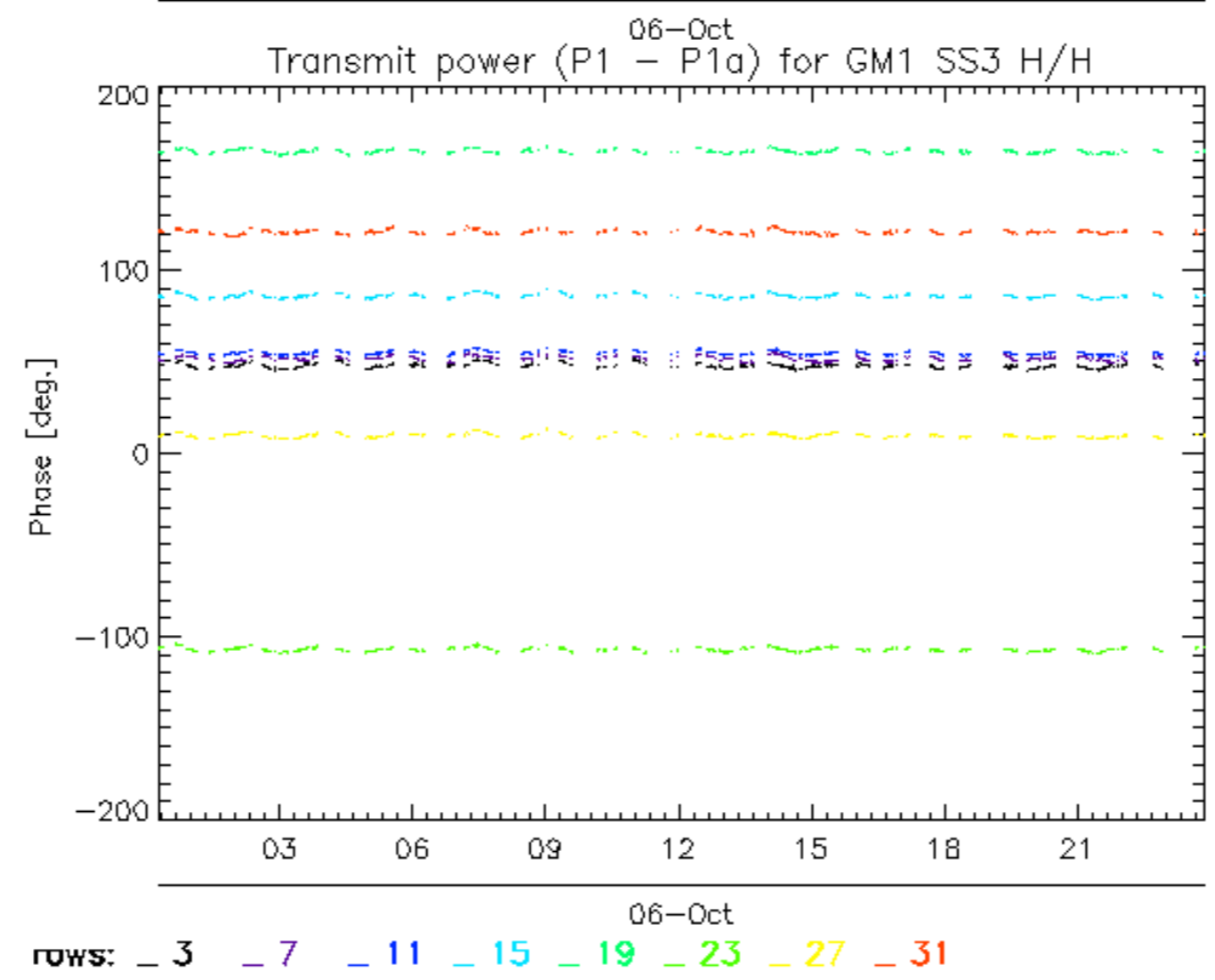
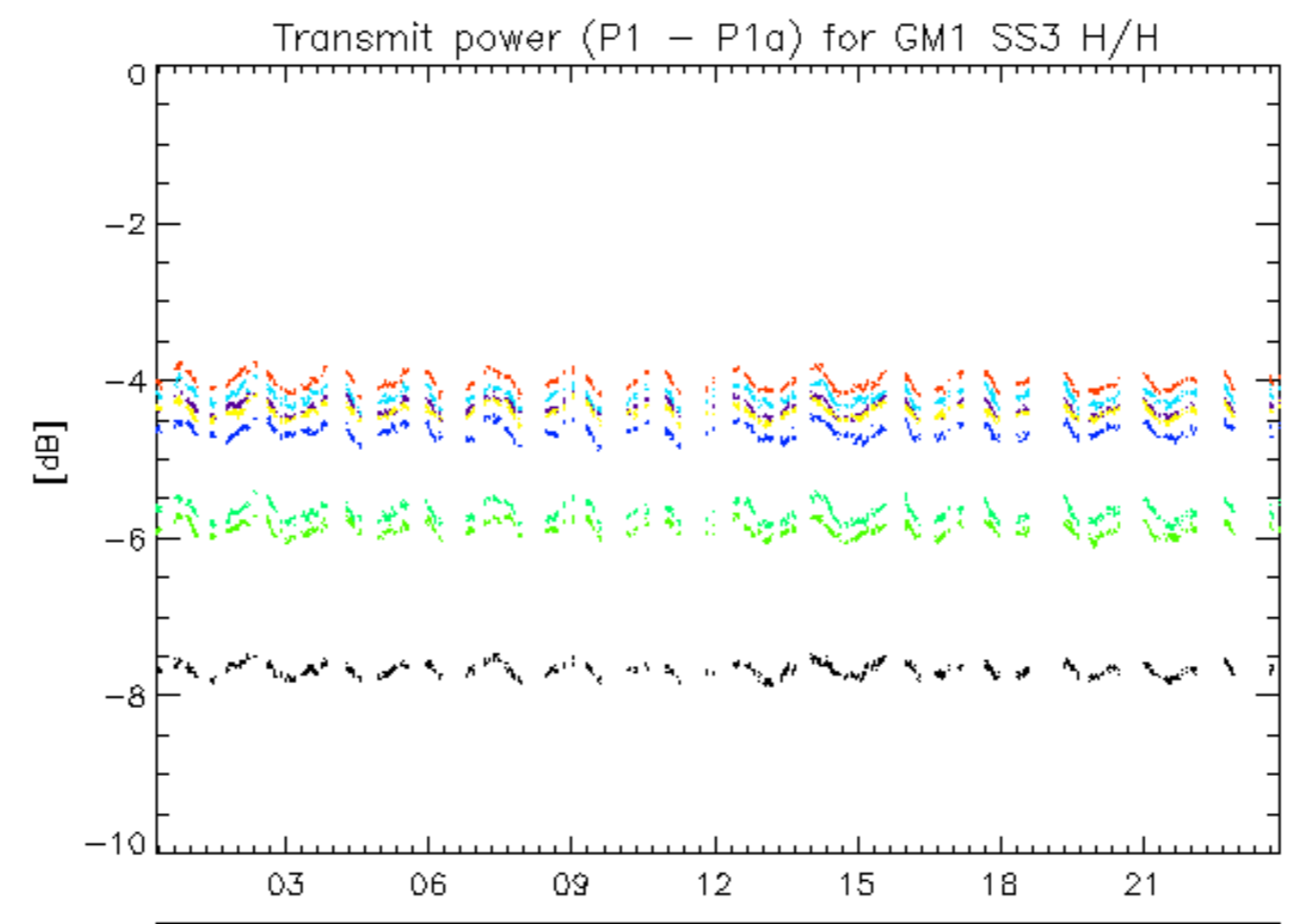




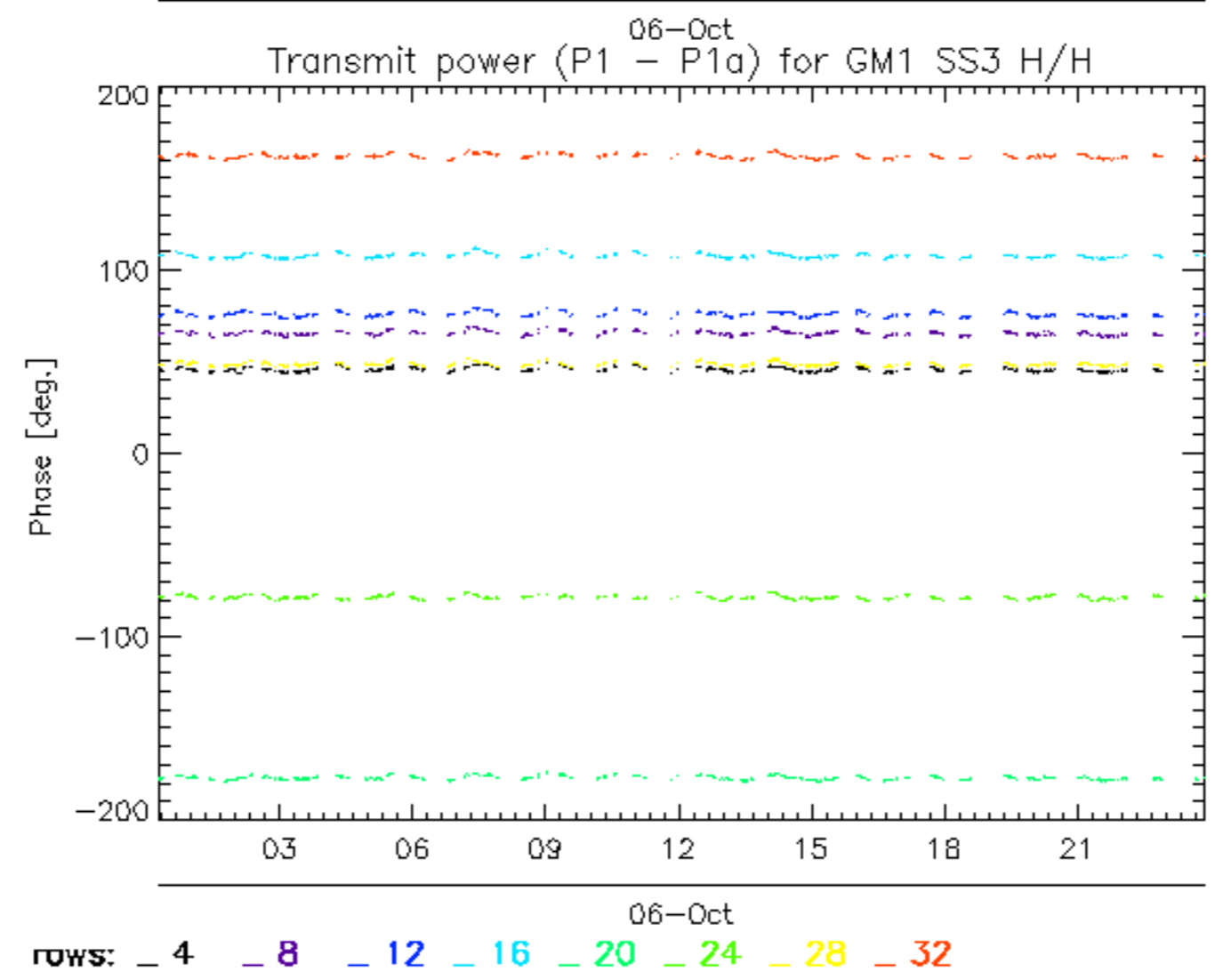
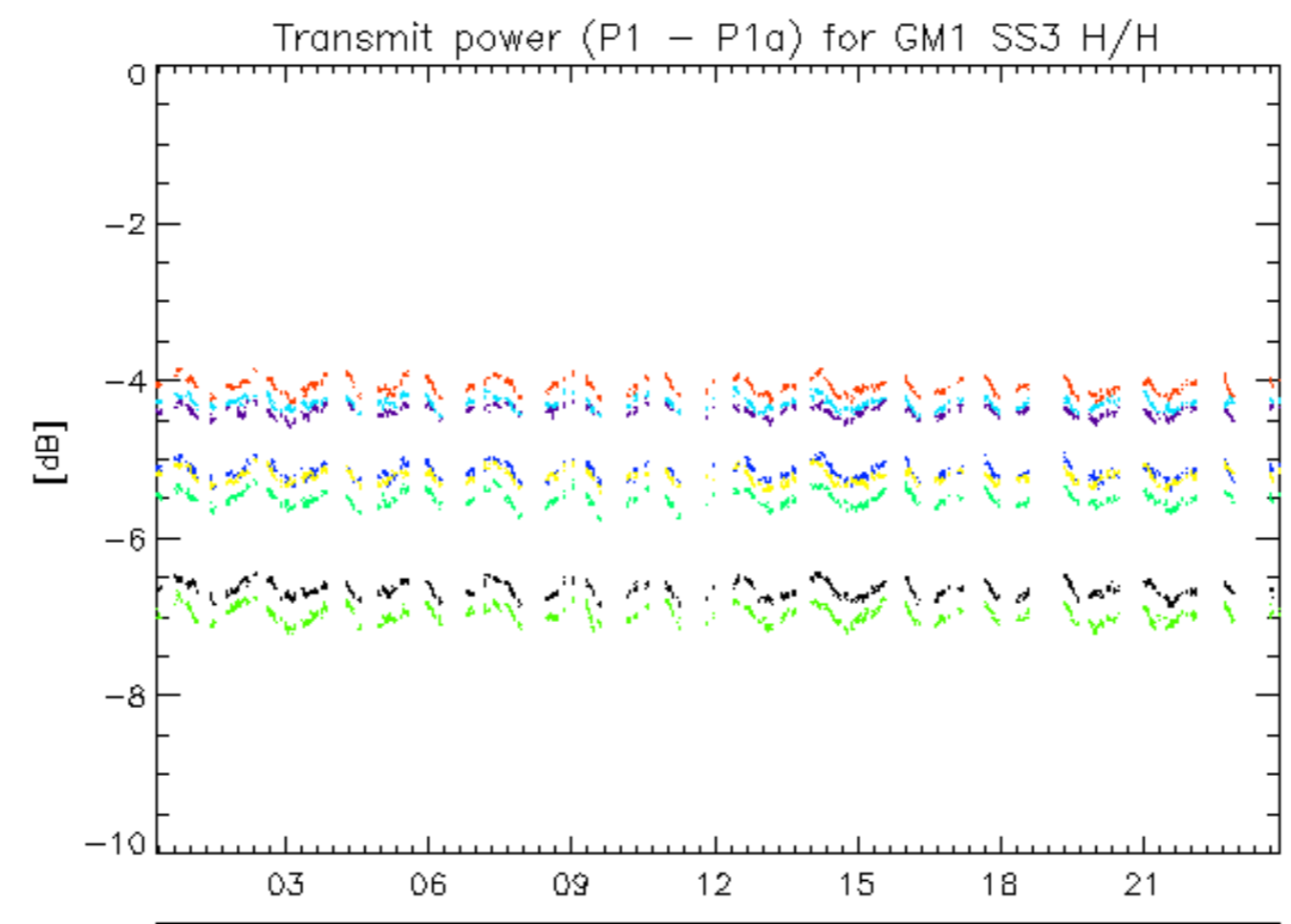


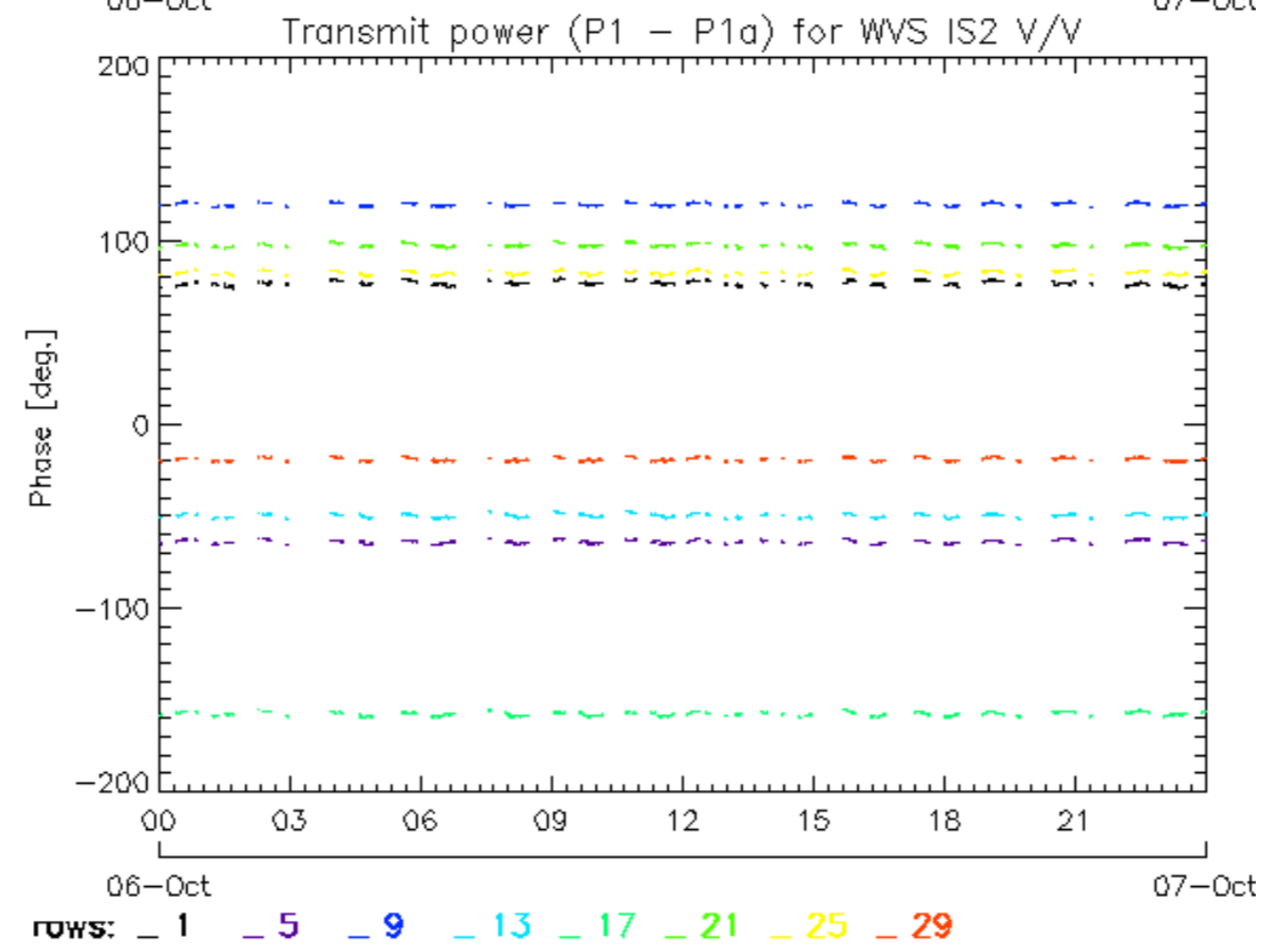
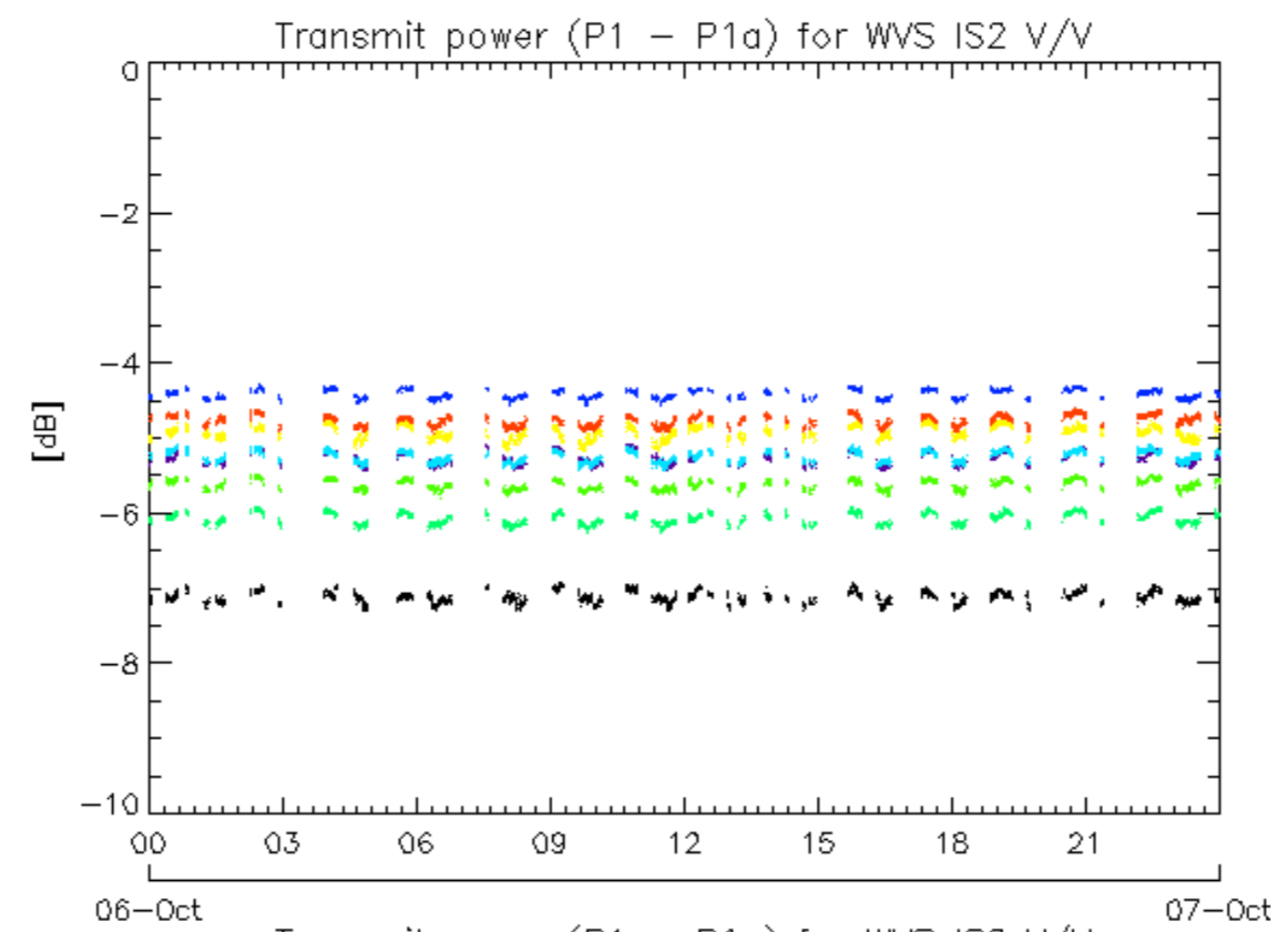


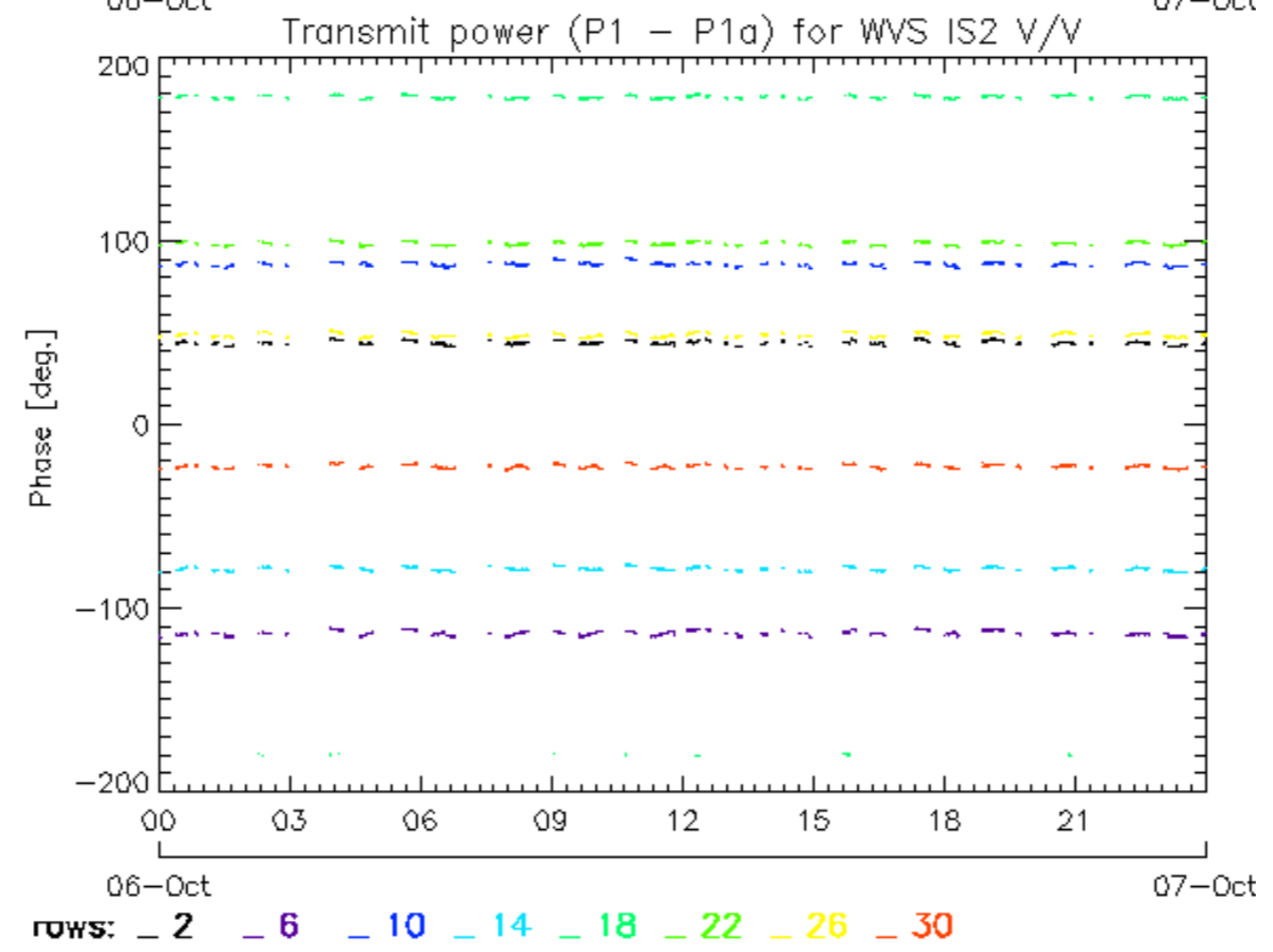
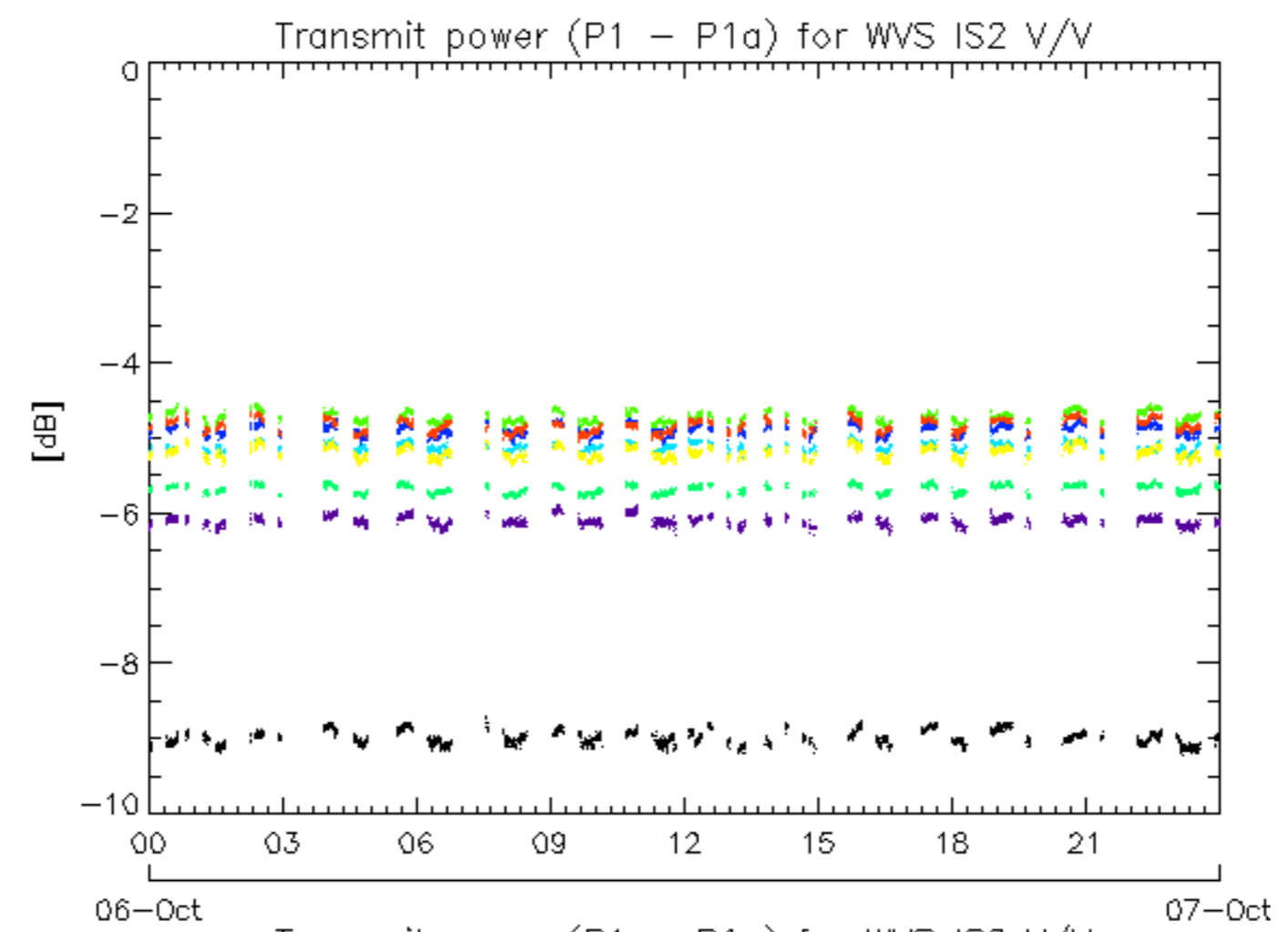




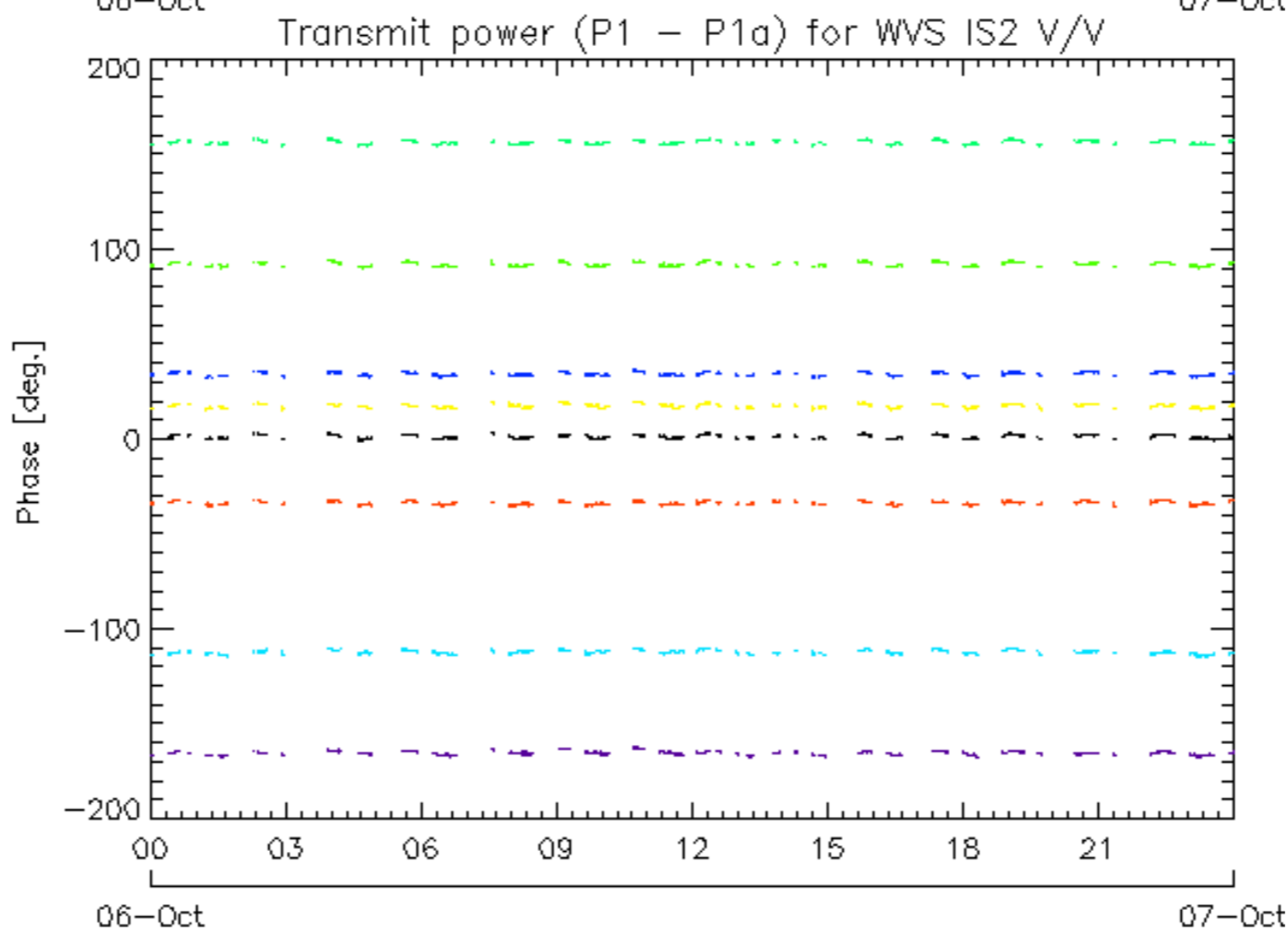
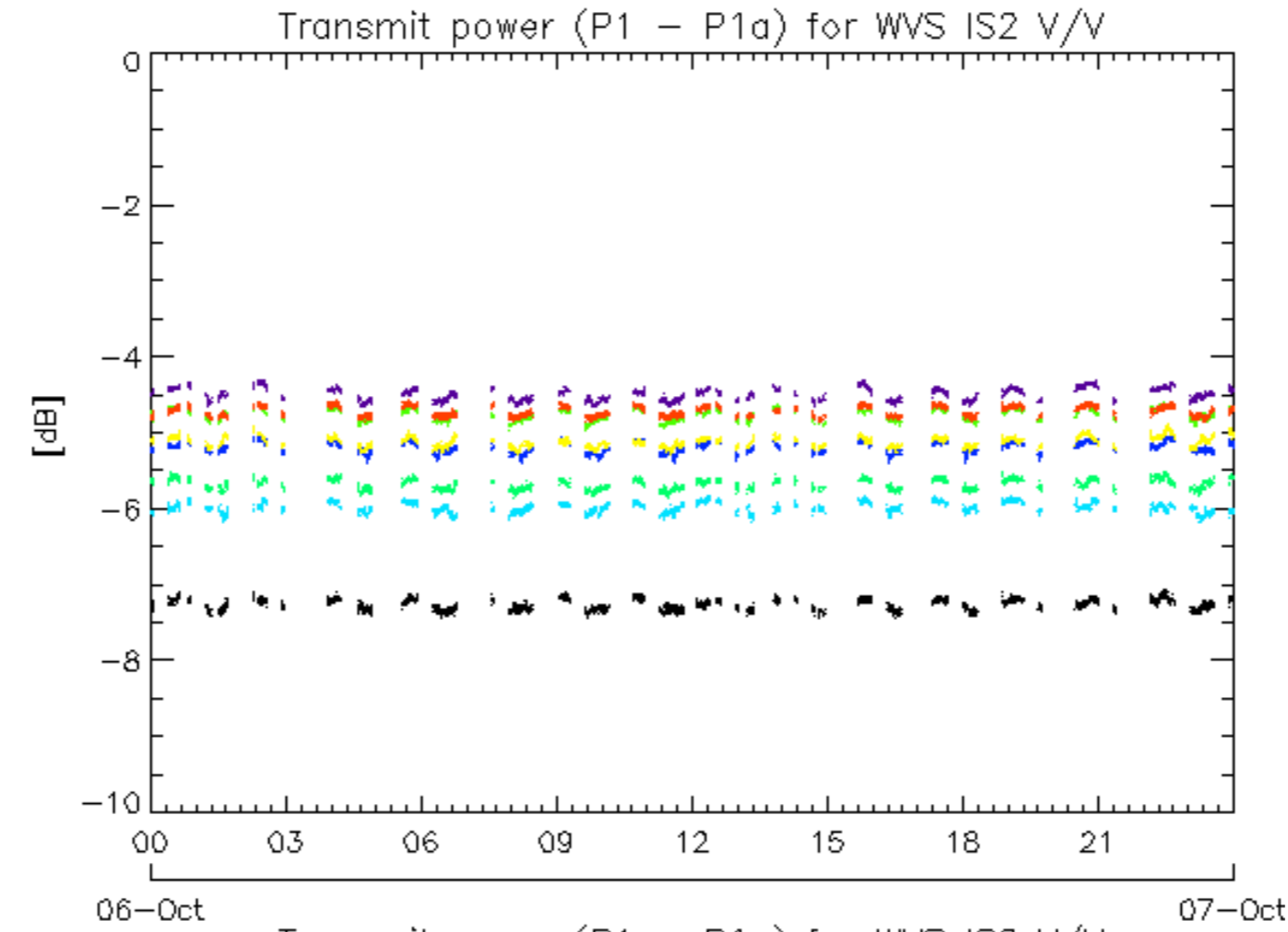




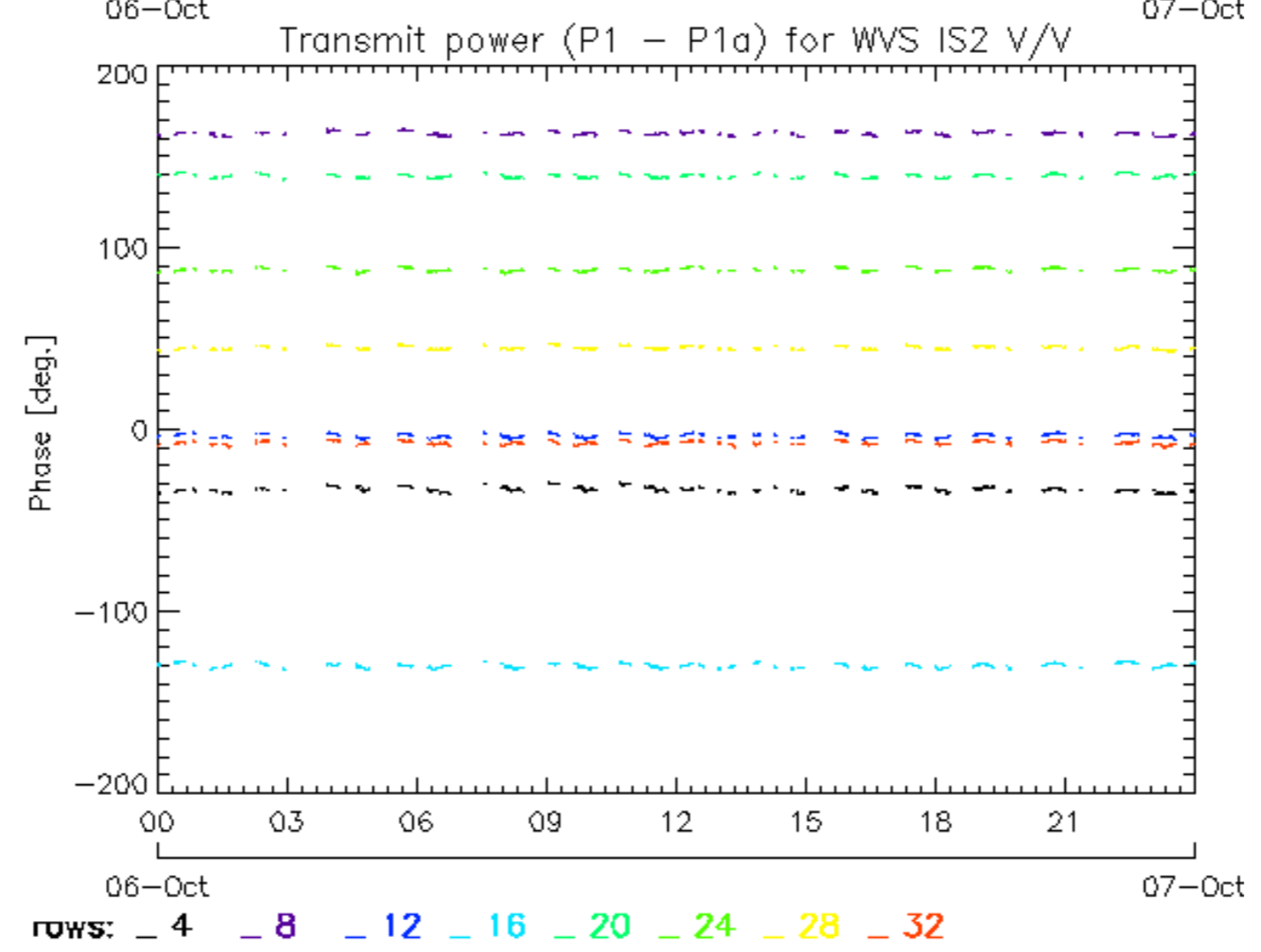
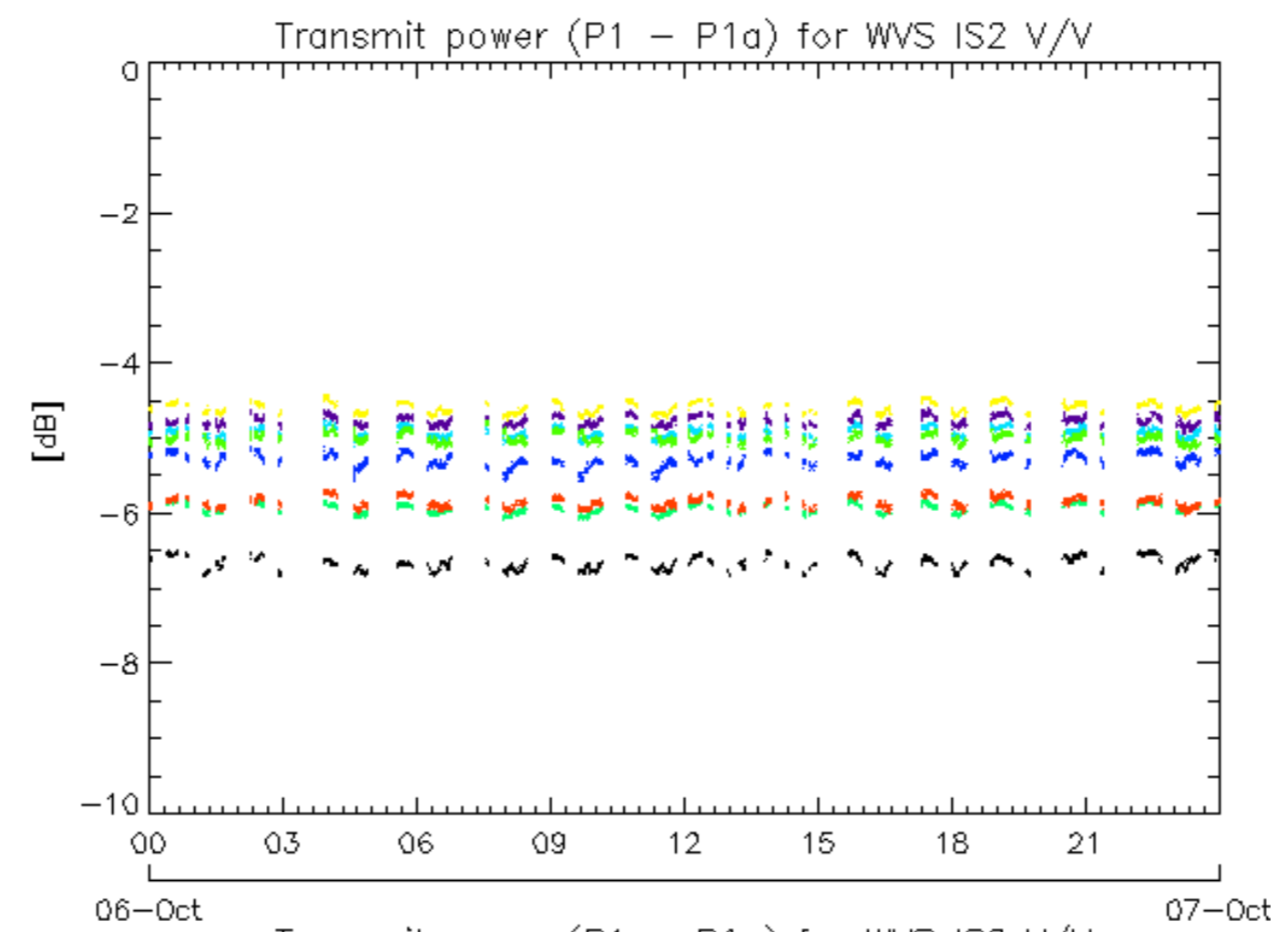


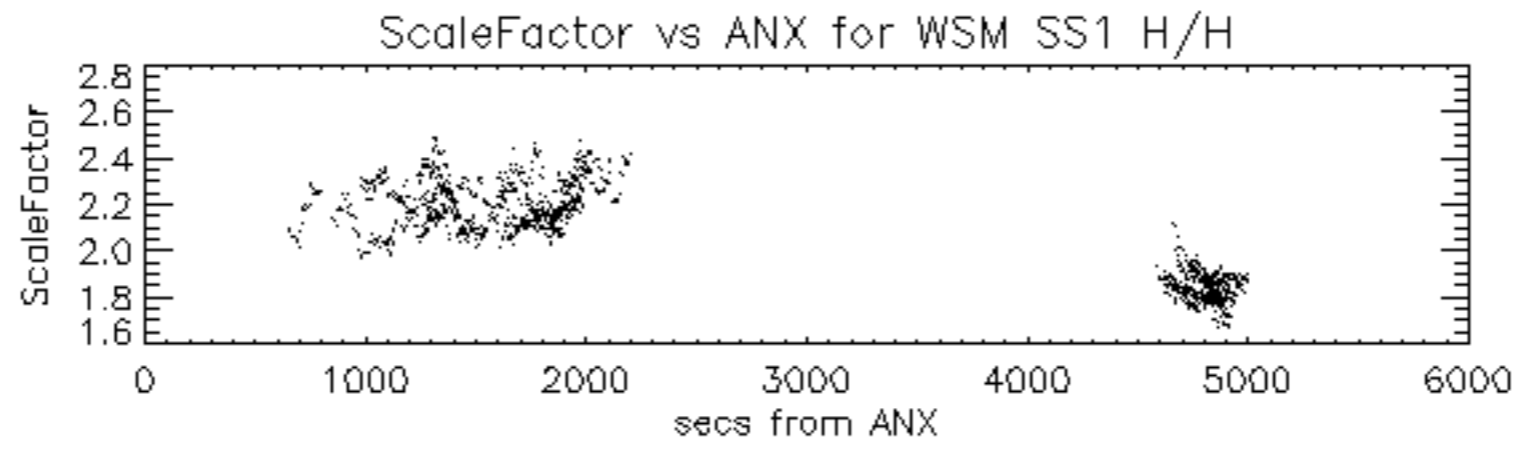


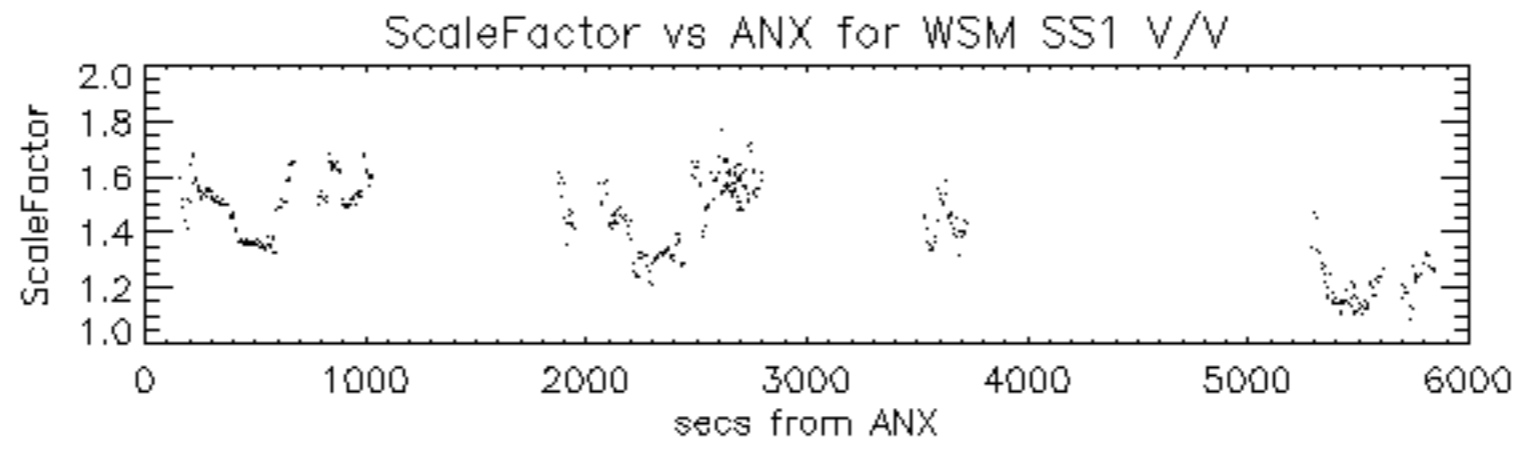




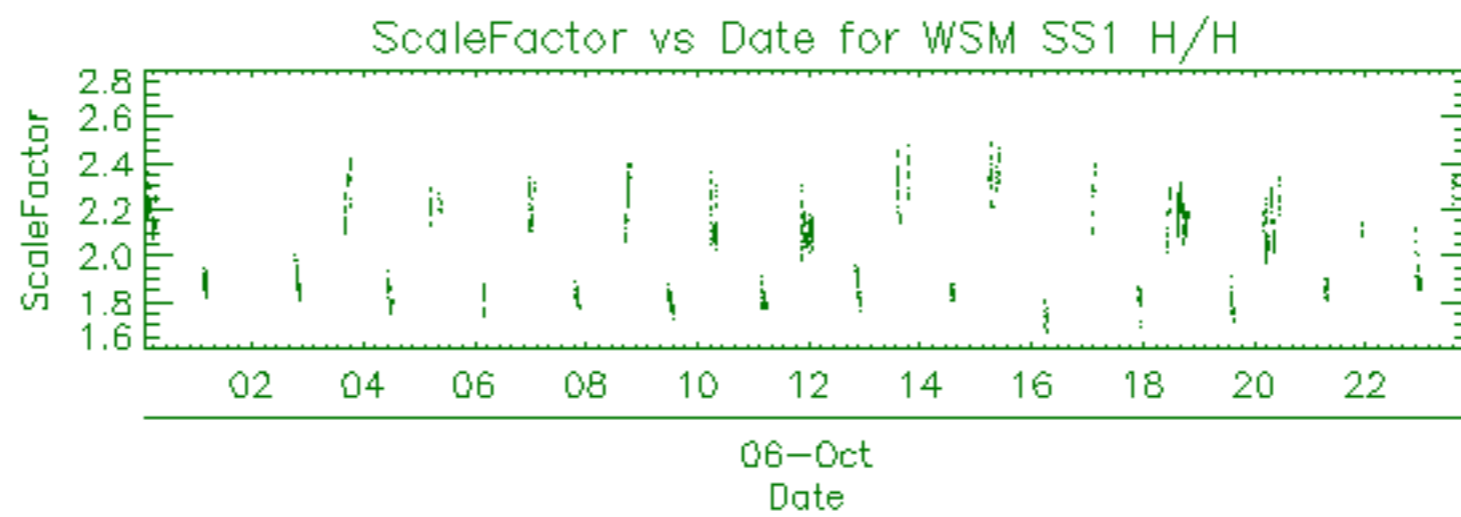
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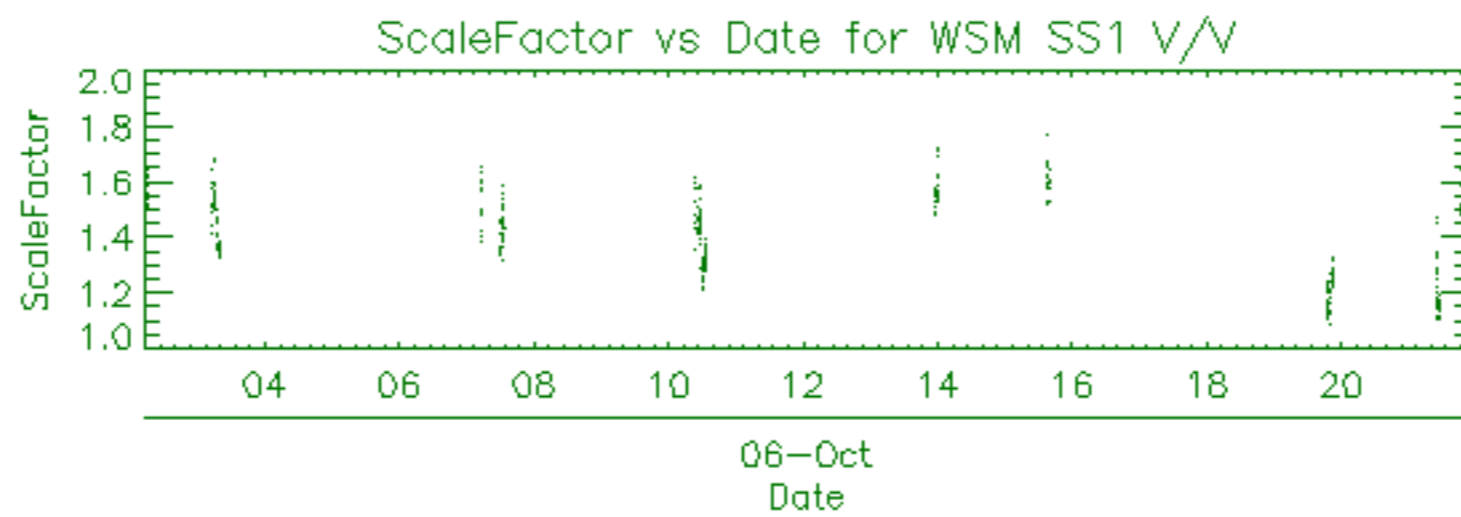












| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
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| ASA_GM1_1PNPDE20101006_001613_000003682093_00317_44960_8342.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
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| ASA_GM1_1PNPDE20101006_003921_000001142093_00317_44960_8347.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_GM1_1PNPDE20101006_003921_000001142093_00317_44960_8341.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_GM1_1PNPDE20101006_004218_000003622093_00317_44960_8149.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_GM1_1PNPDE20101006_005428_000007912093_00317_44960_8152.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_GM1_1PNPDE20101006_012324_000003922093_00317_44960_8164.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_GM1_1PNPDE20101006_014314_000014982093_00318_44961_8165.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_020928_000001932093_00318_44961_8168.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_021959_000001142093_00318_44961_8170.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_023504_000007192093_00318_44961_8173.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_025209_000001082093_00318_44961_8175.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_025752_000001142093_00318_44961_8174.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_025958_000004532093_00318_44961_8178.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_030913_000001932093_00318_44961_8177.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_GM1_1PNPDE20101006_032010_000006102093_00319_44962_8179.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_033103_000005072093_00319_44962_8183.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_034318_000001022093_00319_44962_8182.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_034653_000002952093_00319_44962_8185.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_041558_000006162093_00319_44962_8214.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_043136_000001872093_00319_44962_8212.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_GM1_1PNPDE20101006_045453_000002412093_00320_44963_8215.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_050100_000000842093_00320_44963_8216.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_050312_000005132093_00320_44963_8217.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_051330_000002892093_00320_44963_8220.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_052353_000000782093_00320_44963_8219.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_052704_000004282093_00320_44963_8221.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_055616_000007492093_00320_44963_8274.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_061141_000002172093_00320_44963_8273.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_GM1_1PNPDE20101006_064702_000006282093_00321_44964_8271.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDE20101006_070856_000001992093_00321_44964_8270.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDE20101006_071403_000001142093_00321_44964_8269.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDE20101006_072030_000005552093_00321_44964_8268.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDK20101006_073630_000001022093_00321_44964_7602.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDK20101006_073936_000005312093_00321_44964_7580.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDK20101006_075251_000001812093_00321_44964_7584.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_GM1_1PNPDK20101006_082751_000006042093_00322_44965_7587.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_083634_000003562093_00322_44965_7605.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_084919_000001322093_00322_44965_7606.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_090013_000001752093_00322_44965_7607.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_091728_000006712093_00322_44965_7609.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_093345_000001632093_00322_44965_7610.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_GM1_1PNPDK20101006_100906_000002712093_00323_44966_7611.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_101711_000001082093_00323_44966_7623.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_102119_000001202093_00323_44966_7656.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_103323_000001992093_00323_44966_7657.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_105804_000006282093_00323_44966_7658.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_111405_000001812093_00323_44966_7662.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_GM1_1PNPDK20101006_114909_000001142093_00324_44967_7664.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_115812_000000662093_00324_44967_7690.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_122358_000004592093_00324_44967_7698.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_123839_000007252093_00324_44967_7697.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_125519_000001382093_00324_44967_7700.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_130206_000006282093_00324_44967_7702.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_GM1_1PNPDK20101006_132256_000006712093_00325_44968_7703.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_133737_000000602093_00325_44968_7704.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_133739_000003442093_00325_44968_7718.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_140158_000002472093_00325_44968_7719.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_140733_000003322093_00325_44968_7720.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_141310_000001082093_00325_44968_7722.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_141915_000008522093_00325_44968_7723.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_143550_000001442093_00325_44968_7726.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_144358_000002292093_00325_44968_7727.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_145107_000002112093_00325_44968_7729.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_GM1_1PNPDK20101006_145634_000010752093_00326_44969_7731.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_GM1_1PNPDK20101006_151813_000002472093_00326_44969_7753.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44969 | 326 | 5.03 |

|  |     |     |    |       |     |      |
|--|-----|-----|----|-------|-----|------|
| ASA_GM1_1PNPDK20101006_152437_000006162093_00326_44969_7754.N1 | SS1 | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_GM1_1PNPDK20101006_155951_000008702093_00326_44969_7756.N1 | SS1 | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_GM1_1PNPDK20101006_161644_000001262093_00326_44969_7757.N1 | SS1 | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_GM1_1PNPDK20101006_163821_000007732093_00327_44970_7758.N1 | SS1 | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_GM1_1PNPDK20101006_165437_000000662093_00327_44970_7788.N1 | SS1 | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_GM1_1PNPDK20101006_170803_000003022093_00327_44970_7789.N1 | SS1 | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_GM1_1PNPDK20101006_174027_000008882093_00327_44970_7791.N1 | SS1 | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_GM1_1PNPDK20101006_175716_000001022093_00327_44970_7792.N1 | SS1 | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_GM1_1PNPDK20101006_182113_000002892093_00328_44971_7793.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_182857_000002712093_00328_44971_7795.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_183224_000002292093_00328_44971_7817.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_192103_000008222093_00328_44971_7818.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_193733_000001502093_00328_44971_7822.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_195304_000006282093_00328_44971_7823.N1 | SS1 | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_GM1_1PNPDK20101006_200553_000002472093_00329_44972_7825.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_GM1_1PNPDE20101006_201500_000001932093_00329_44972_8362.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
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| ASA_GM1_1PNPDE20101006_202754_000000842093_00329_44972_8364.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_GM1_1PNPDE20101006_210139_000008522093_00329_44972_8365.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_GM1_1PNPDE20101006_211907_000000902093_00329_44972_8368.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_GM1_1PNPDE20101006_212741_000011182093_00329_44972_8387.N1 | SS1 | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_GM1_1PNPDE20101006_214805_000000722093_00330_44973_8386.N1 | SS1 | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_GM1_1PNPDE20101006_215419_000000722093_00330_44973_8385.N1 | SS1 | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_GM1_1PNPDE20101006_220032_000004832093_00330_44973_8388.N1 | SS1 | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_GM1_1PNPDE20101006_224215_000007132093_00330_44973_8391.N1 | SS1 | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_GM1_1PNPDE20101006_234023_000002292093_00331_44974_8399.N1 | SS1 | H/H | 93 | 44974 | 331 | 5.03 |
| ASA_GM1_1PNPDE20101006_235112_000000962093_00331_44974_8401.N1 | SS1 | H/H | 93 | 44974 | 331 | 5.03 |



| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_IMM_1PNPDE20101006_001107_000000852093_00317_44960_8337.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_IMM_1PNPDE20101006_021854_000000512093_00318_44961_8161.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_IMM_1PNPDE20101006_035150_000001582093_00319_44962_8172.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_IMM_1PNPDE20101006_045855_000001142093_00320_44963_8211.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_IMM_1PNPDE20101006_050226_000000372093_00320_44963_8210.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_IMM_1PNPDE20101006_051817_000002032093_00320_44963_8205.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_IMM_1PNPDE20101006_052517_000000992093_00320_44963_8207.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_IMM_1PNPDE20101006_070507_000002182093_00321_44964_8256.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_IMM_1PNPDE20101006_071558_000002622093_00321_44964_8258.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_IMM_1PNPDK20101006_081619_000000632093_00322_44965_7570.N1 |      |     |             |          |          | IS1         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_IMM_1PNPDK20101006_084739_000000922093_00322_44965_7586.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_IMM_1PNPDE20101006_085541_000002622093_00322_44965_8297.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_IMM_1PNPDE20101006_103643_000001832093_00323_44966_8312.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_IMM_1PNPDE20101006_111948_000000702093_00323_44966_8325.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_IMM_1PNPDK20101006_134325_000000922093_00325_44968_7716.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_IMM_1PNPDE20101006_140049_000000542093_00325_44968_8332.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_IMM_1PNPDE20101006_170249_000000372093_00327_44970_8344.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44970 | 327 | 5.03 |
| ASA_IMM_1PNPDE20101006_171304_000002562093_00327_44970_8348.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44970 | 327 | 5.03 |
| ASA_IMM_1PNPDE20101006_182026_000000372093_00328_44971_8350.N1 |      |     |             |          |          | IS6         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_IMM_1PNPDE20101006_184916_000001642093_00328_44971_8356.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_IMM_1PNPDK20101006_215744_000001552093_00330_44973_7862.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_IMM_1PNPDK20101006_233603_000001622093_00331_44974_7870.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44974 | 331 | 5.03 |
| ASA_IMM_1PNPDE20101006_233818_000001122093_00331_44974_8415.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44974 | 331 | 5.03 |

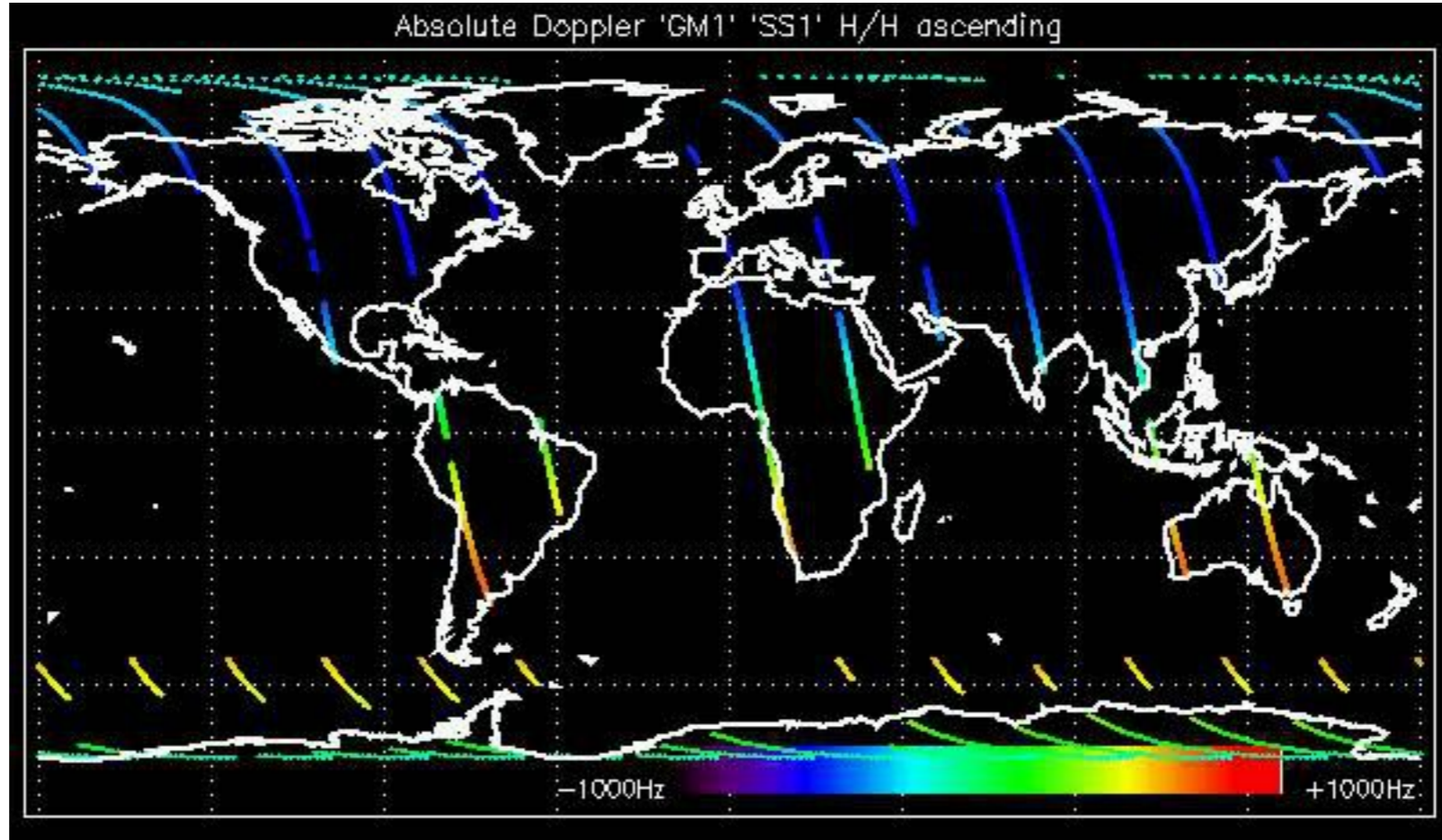
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|--|-----|---------------------|---------------|
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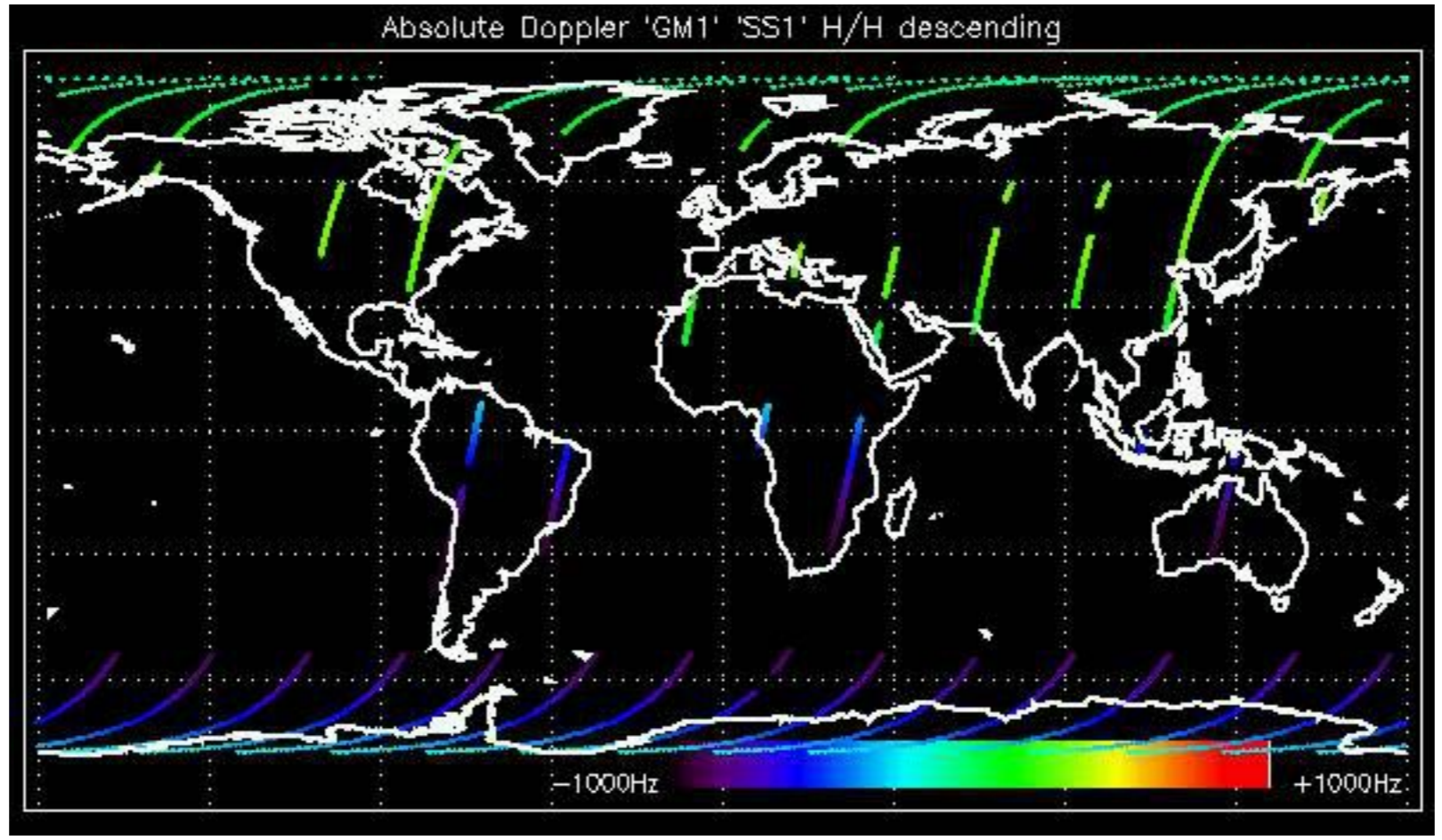


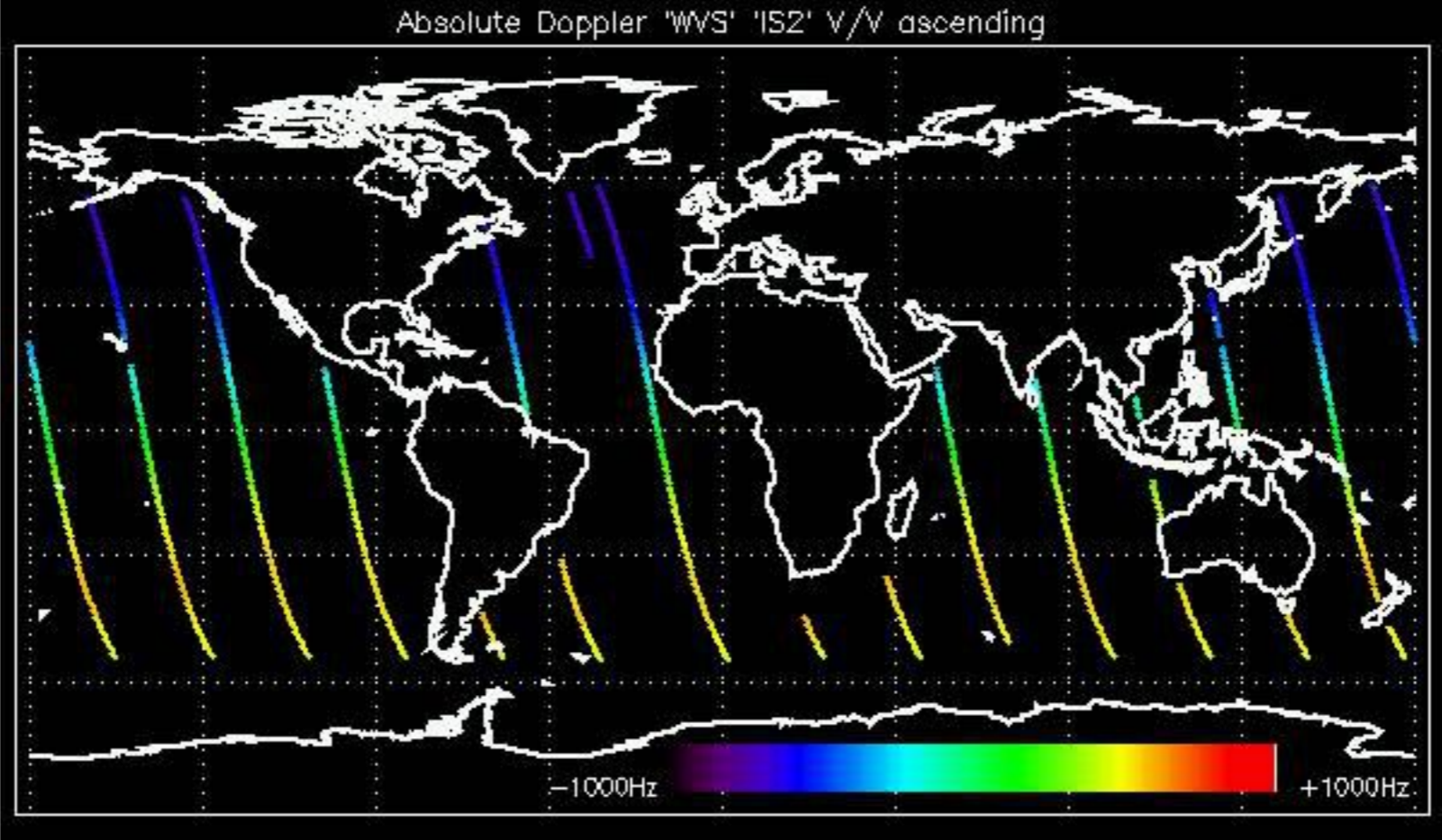
| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WSM_1PNPDE20101006_000455_000003492093_00317_44960_8142.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_WSM_1PNPDE20101006_000455_000003492093_00317_44960_8339.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_WSM_1PNPDE20101006_001318_000001652093_00317_44960_8340.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_WSM_1PNPDE20101006_001318_000001652093_00317_44960_8144.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_WSM_1PNPDE20101006_010745_000002752093_00317_44960_8151.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44960 | 317 | 5.03 |
| ASA_WSM_1PNPDE20101006_021248_000001472093_00318_44961_8160.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_WSM_1PNPDE20101006_024711_000002942093_00318_44961_8192.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44961 | 318 | 5.03 |
| ASA_WSM_1PNPDK20101006_031233_000004532093_00319_44962_7616.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_WSM_1PNPDE20101006_031350_000000982093_00319_44962_8196.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_WSM_1PNPDE20101006_033935_000002202093_00319_44962_8162.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_WSM_1PNPDE20101006_034512_000000982093_00319_44962_8166.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_WSM_1PNPDE20101006_042622_000003062093_00319_44962_8208.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44962 | 319 | 5.03 |
| ASA_WSM_1PNPDE20101006_051149_000000982093_00320_44963_8209.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_WSM_1PNPDE20101006_052156_000001102093_00320_44963_8206.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_WSM_1PNPDE20101006_060852_000001652093_00320_44963_8259.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44963 | 320 | 5.03 |
| ASA_WSM_1PNPDK20101006_065741_000003672093_00321_44964_7599.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_WSM_1PNPDE20101006_071219_000000982093_00321_44964_8257.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WSM_1PNPDE20101006_072953_000002202093_00321_44964_8260.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WSM_1PNPDK20101006_074833_000002452093_00321_44964_7569.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44964 | 321 | 5.03 |
| ASA_WSM_1PNPDE20101006_084238_000002692093_00322_44965_8292.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_WSM_1PNPDK20101006_084432_000000922093_00322_44965_7583.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_WSM_1PNPDK20101006_092841_000003002093_00322_44965_7628.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44965 | 322 | 5.03 |
| ASA_WSM_1PNPDK20101006_101341_000001222093_00323_44966_7630.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_101544_000000802093_00323_44966_8308.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_101908_000001282093_00323_44966_8309.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_102326_000000922093_00323_44966_8310.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_102638_000004042093_00323_44966_8311.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_110911_000002942093_00323_44966_8324.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44966 | 323 | 5.03 |
| ASA_WSM_1PNPDE20101006_115113_000003062093_00324_44967_8326.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_WSM_1PNPDE20101006_115348_000000982093_00324_44967_8323.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_WSM_1PNPDK20101006_115609_000001162093_00324_44967_7661.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_WSM_1PNPDK20101006_115932_000003062093_00324_44967_7670.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_WSM_1PNPDK20101006_125052_000002692093_00324_44967_7711.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44967 | 324 | 5.03 |
| ASA_WSM_1PNPDK20101006_133412_000002022093_00325_44968_7712.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_WSM_1PNPDE20101006_134553_000001592093_00325_44968_8331.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_WSM_1PNPDK20101006_135724_000001842093_00325_44968_7717.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_WSM_1PNPDE20101006_143333_000001282093_00325_44968_8334.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44968 | 325 | 5.03 |
| ASA_WSM_1PNPDK20101006_151438_000002082093_00326_44969_7733.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_WSM_1PNPDE20101006_152228_000001222093_00326_44969_8335.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_WSM_1PNPDE20101006_153651_000001532093_00326_44969_8336.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44969 | 326 | 5.03 |
| ASA_WSM_1PNPDE20101006_161429_000001282093_00326_44969_8330.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44969 | 326 | 5.03 |
| ASA_WSM_1PNPDE20101006_170516_000001652093_00327_44970_8346.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_WSM_1PNPDE20101006_175519_000001102093_00327_44970_8343.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44970 | 327 | 5.03 |
| ASA_WSM_1PNPDE20101006_182609_000001652093_00328_44971_8351.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDK20101006_183618_000002812093_00328_44971_7805.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDE20101006_184051_000001712093_00328_44971_8352.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDE20101006_184357_000002812093_00328_44971_8355.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDE20101006_193450_000001592093_00328_44971_8354.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDE20101006_194624_000001592093_00328_44971_8357.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDE20101006_195012_000001712093_00328_44971_8358.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_WSM_1PNPDK20101006_201004_000002942093_00329_44972_7836.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDK20101006_201816_000001222093_00329_44972_7846.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDE20101006_202030_000000862093_00329_44972_8360.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDE20101006_202611_000000982093_00329_44972_8361.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDE20101006_211558_000001842093_00329_44972_8370.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDE20101006_212404_000002142093_00329_44972_8376.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44972 | 329 | 5.03 |
| ASA_WSM_1PNPDE20101006_214624_000000982093_00330_44973_8377.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44973 | 330 | 5.03 |
| ASA_WSM_1PNPDE20101006_214930_000002632093_00330_44973_8378.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44973 | 330 | 5.03 |
| ASA_WSM_1PNPDK20101006_215544_000000672093_00330_44973_7861.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_WSM_1PNPDE20101006_225411_000003552093_00330_44973_8383.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44973 | 330 | 5.03 |
| ASA_WSM_1PNPDE20101006_233346_000001222093_00331_44974_8414.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44974 | 331 | 5.03 |
| ASA_WSM_1PNPDE20101006_234421_000004042093_00331_44974_8417.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44974 | 331 | 5.03 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WVS_1PNPDE20101005_233501_000017542093_00316_44959_8238.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44959 | 316 | 5.03 |
| ASA_WVS_1PNPDE20101005_233501_000017542093_00316_44959_8145.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44959 | 316 | 5.03 |
| ASA_WVS_1PNPDE20101006_002225_000009672093_00317_44960_8148.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44960 | 317 | 5.03 |
| ASA_WVS_1PNPDE20101006_004825_000003152093_00317_44960_8150.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44960 | 317 | 5.03 |
| ASA_WVS_1PNPDE20101006_011322_000002402093_00317_44960_8153.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44960 | 317 | 5.03 |
| ASA_WVS_1PNPDE20101006_011622_000002252093_00317_44960_8163.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44960 | 317 | 5.03 |
| ASA_WVS_1PNPDE20101006_013001_000007492093_00318_44961_8167.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_WVS_1PNPDE20101006_021515_000001192093_00318_44961_8169.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_WVS_1PNPDE20101006_022157_000007492093_00318_44961_8176.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_WVS_1PNPDE20101006_025407_000001802093_00318_44961_8181.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44961 | 318 | 5.03 |
| ASA_WVS_1PNPDE20101006_035434_000001042093_00319_44962_8184.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_WVS_1PNPDE20101006_035549_000009892093_00319_44962_8213.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_WVS_1PNPDE20101006_043443_000011692093_00319_44962_8218.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44962 | 319 | 5.03 |
| ASA_WVS_1PNPDE20101006_053413_000010942093_00320_44963_8222.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_WVS_1PNPDE20101006_055158_000002102093_00320_44963_8272.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_WVS_1PNPDE20101006_053413_000010942093_00320_44963_8222.N1 |      |     |             |          |          | IS1         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_WVS_1PNPDE20101006_061519_000018592093_00320_44963_8267.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44963 | 320 | 5.03 |
| ASA_WVS_1PNPDK20101006_073332_000001352093_00321_44964_7581.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WVS_1PNPDE20101006_073332_00000302093_00321_44964_8266.N1  |      |     |             |          |          | IS2         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WVS_1PNPDE20101006_073332_00000302093_00321_44964_8266.N1  |      |     |             |          |          | IS1         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WVS_1PNPDK20101006_075554_000011842093_00321_44964_7582.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44964 | 321 | 5.03 |
| ASA_WVS_1PNPDK20101006_081732_000005692093_00322_44965_7585.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_WVS_1PNPDK20101006_090309_000008092093_00322_44965_7608.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_WVS_1PNPDK20101006_093630_000019192093_00322_44965_7621.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44965 | 322 | 5.03 |
| ASA_WVS_1PNPDK20101006_104028_000010042093_00323_44966_7660.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_WVS_1PNPDK20101006_111706_000001202093_00323_44966_7659.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_WVS_1PNPDK20101006_112103_000016342093_00323_44966_7663.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44966 | 323 | 5.03 |
| ASA_WVS_1PNPDK20101006_120454_000010942093_00324_44967_7691.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44967 | 324 | 5.03 |
| ASA_WVS_1PNPDK20101006_123141_000003752093_00324_44967_7699.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44967 | 324 | 5.03 |
| ASA_WVS_1PNPDK20101006_125742_000002252093_00324_44967_7701.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44967 | 324 | 5.03 |
| ASA_WVS_1PNPDK20101006_131308_000005452093_00324_44967_7705.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44967 | 324 | 5.03 |
| ASA_WVS_1PNPDK20101006_134829_000004942093_00325_44968_7721.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_WVS_1PNPDK20101006_141502_000002102093_00325_44968_7725.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_WVS_1PNPDK20101006_143818_000003002093_00325_44968_7724.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_WVS_1PNPDK20101006_144749_000001492093_00325_44968_7728.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44968 | 325 | 5.03 |
| ASA_WVS_1PNPDK20101006_145438_000000742093_00326_44969_7730.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44969 | 326 | 5.03 |
| ASA_WVS_1PNPDK20101006_154110_000010792093_00326_44969_7755.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44969 | 326 | 5.03 |
| ASA_WVS_1PNPDK20101006_161854_000011242093_00326_44969_7759.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44969 | 326 | 5.03 |
| ASA_WVS_1PNPDK20101006_171758_000013042093_00327_44970_7790.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44970 | 327 | 5.03 |
| ASA_WVS_1PNPDK20101006_180033_000011092093_00327_44970_7794.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44970 | 327 | 5.03 |
| ASA_WVS_1PNPDK20101006_185205_000016942093_00328_44971_7820.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_WVS_1PNPDK20101006_194006_000003302093_00328_44971_7824.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44971 | 328 | 5.03 |
| ASA_WVS_1PNPDE20101006_202927_000018892093_00329_44972_8366.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44972 | 329 | 5.03 |
| ASA_WVS_1PNPDE20101006_212042_000001502093_00329_44972_8367.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44972 | 329 | 5.03 |
| ASA_WVS_1PNPDE20101006_212227_000000602093_00329_44972_8384.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44972 | 329 | 5.03 |
| ASA_WVS_1PNPDE20101006_220838_000019792093_00330_44973_8389.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44973 | 330 | 5.03 |
| ASA_WVS_1PNPDE20101006_230109_000002552093_00330_44973_8390.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44973 | 330 | 5.03 |
| ASA_WVS_1PNPDE20101006_230439_000017092093_00330_44973_8400.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44973 | 330 | 5.03 |
| ASA_WVS_1PNPDE20101006_235258_000008842093_00331_44974_8404.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44974 | 331 | 5.03 |

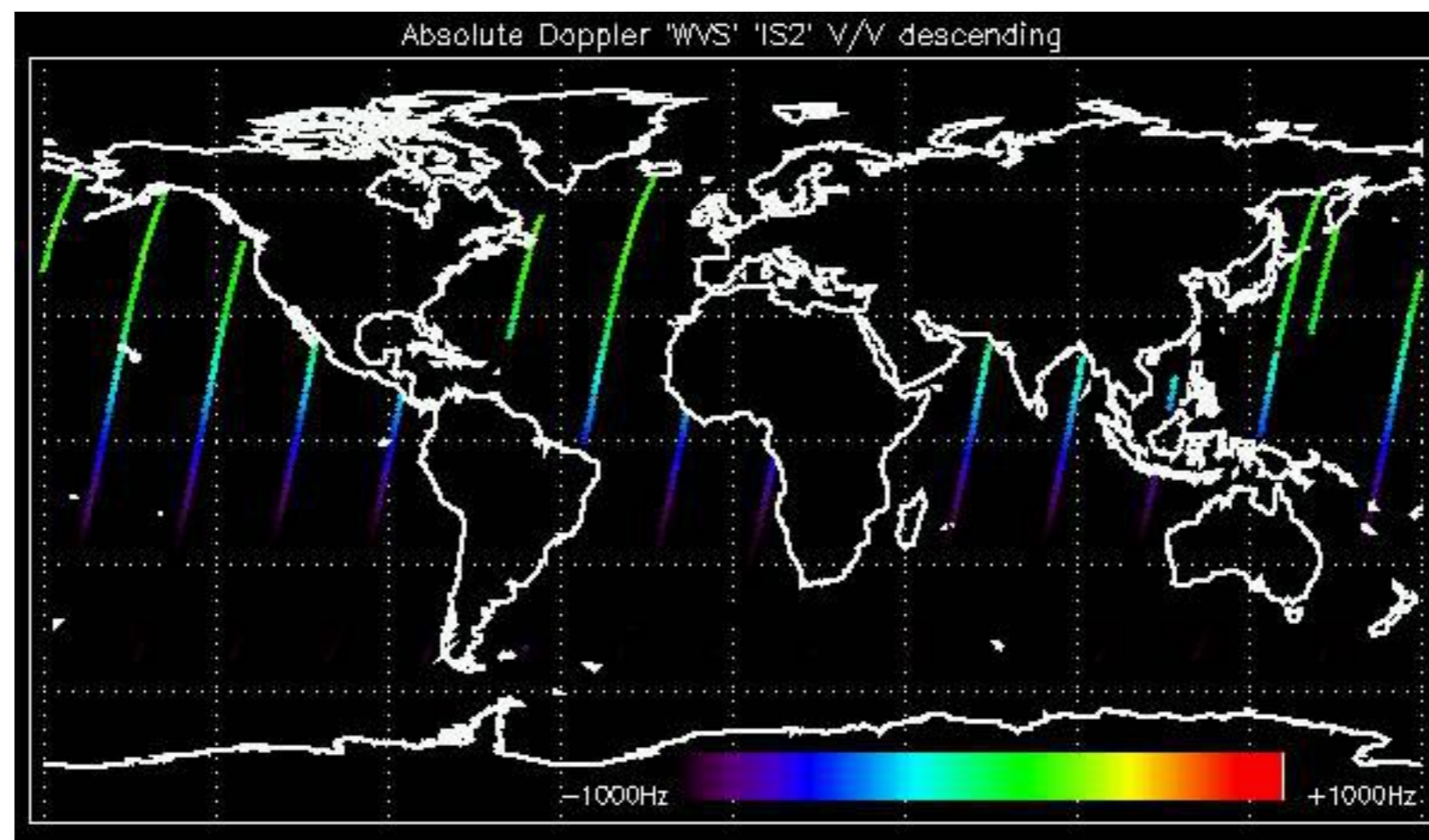




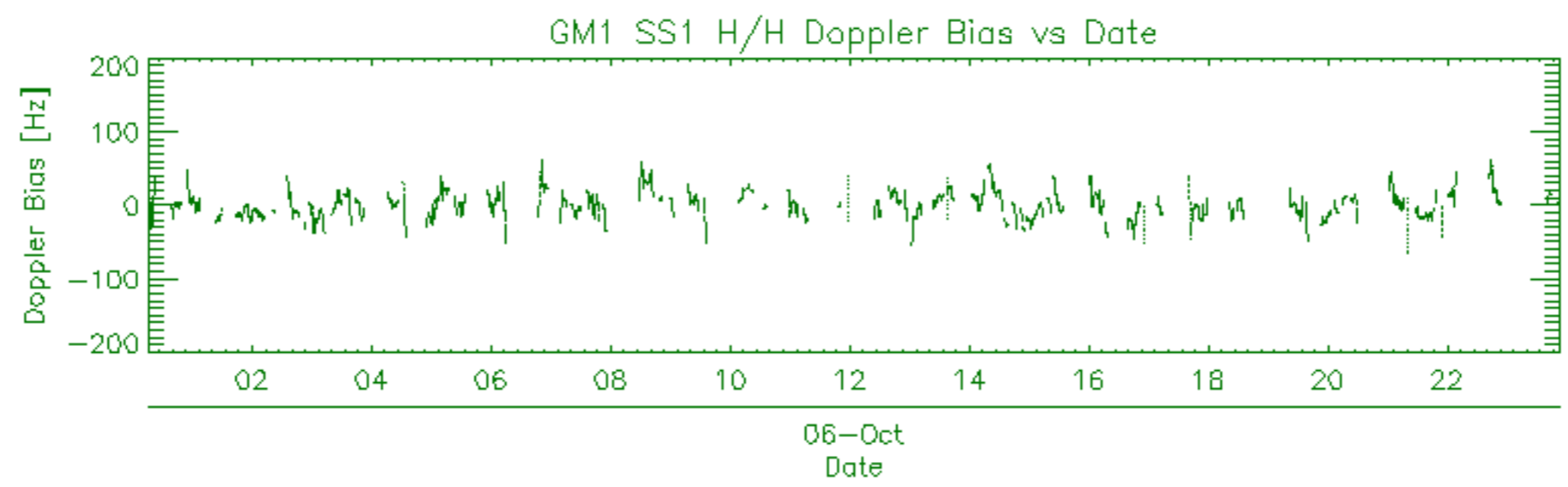
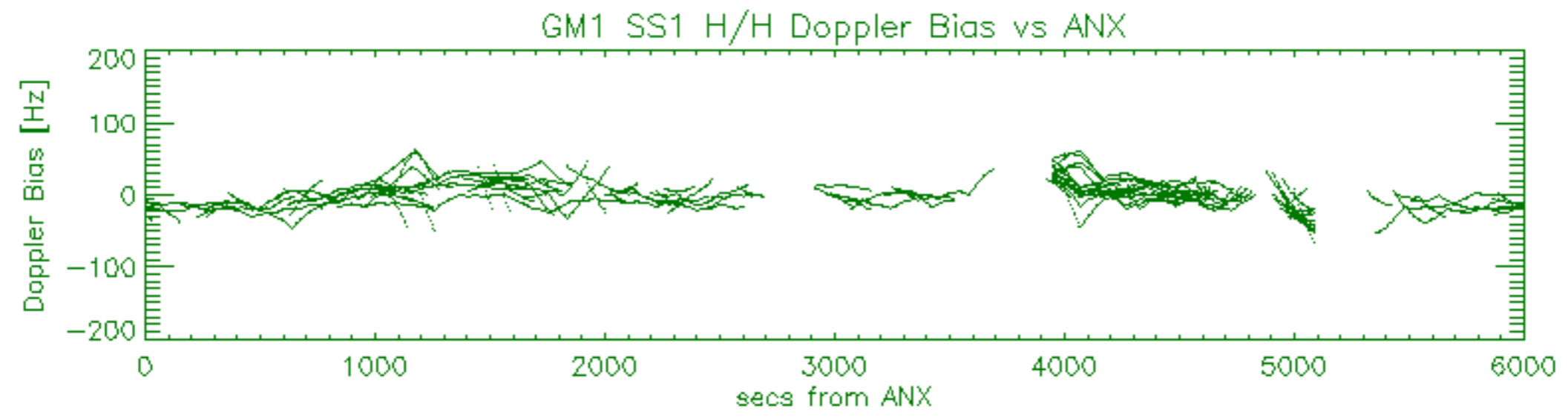
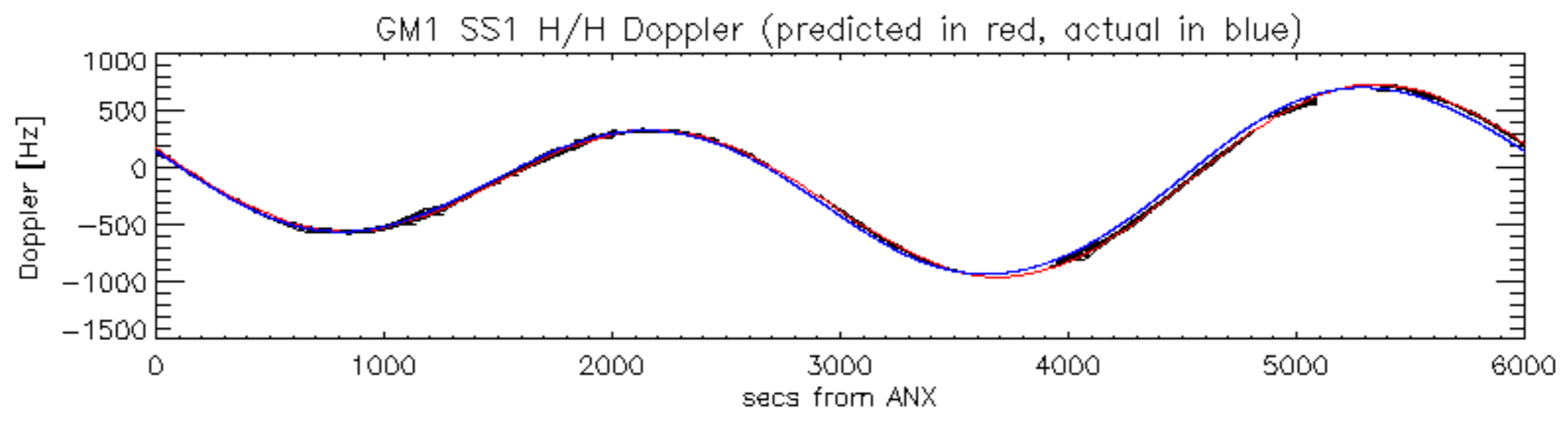


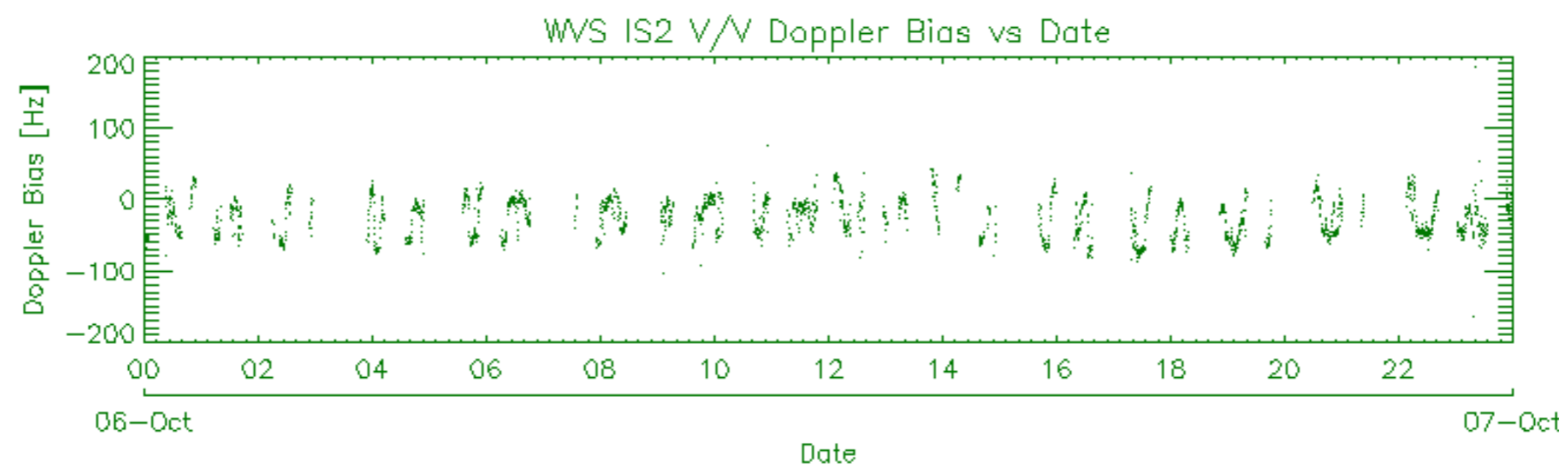
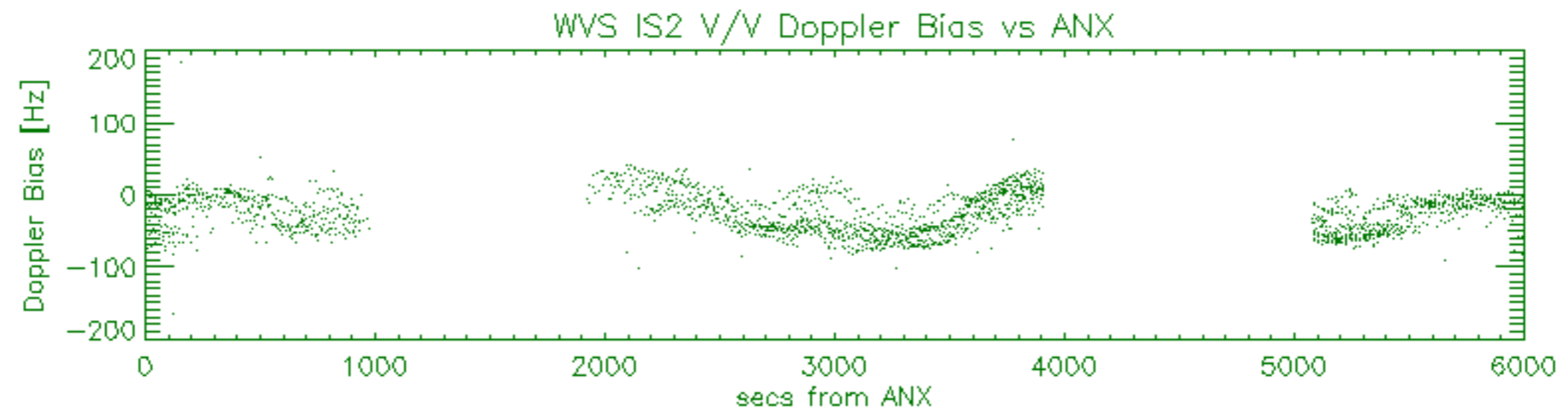
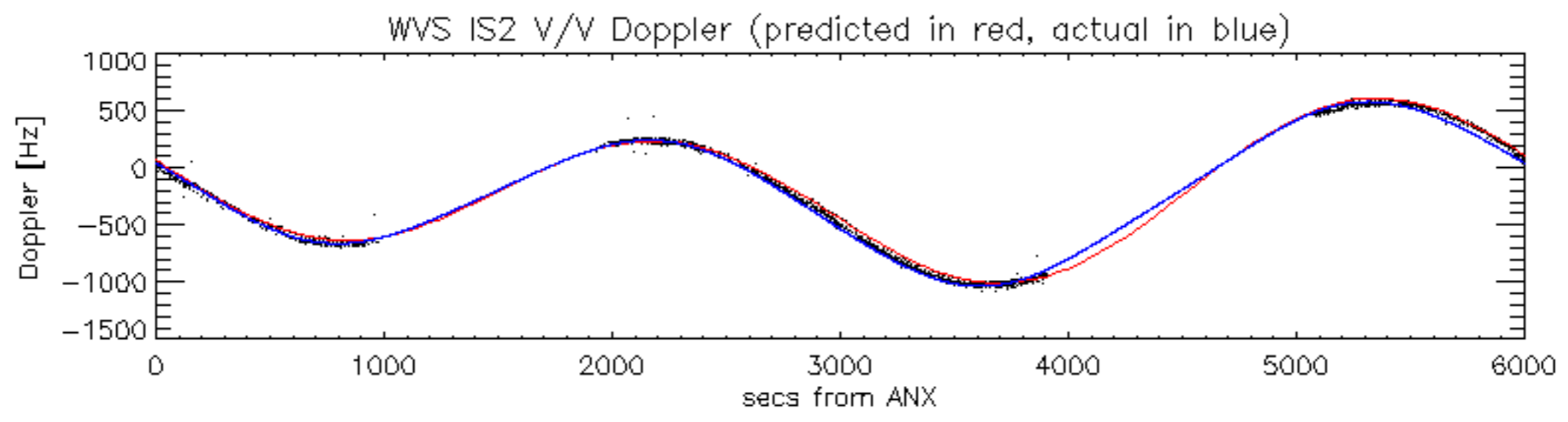


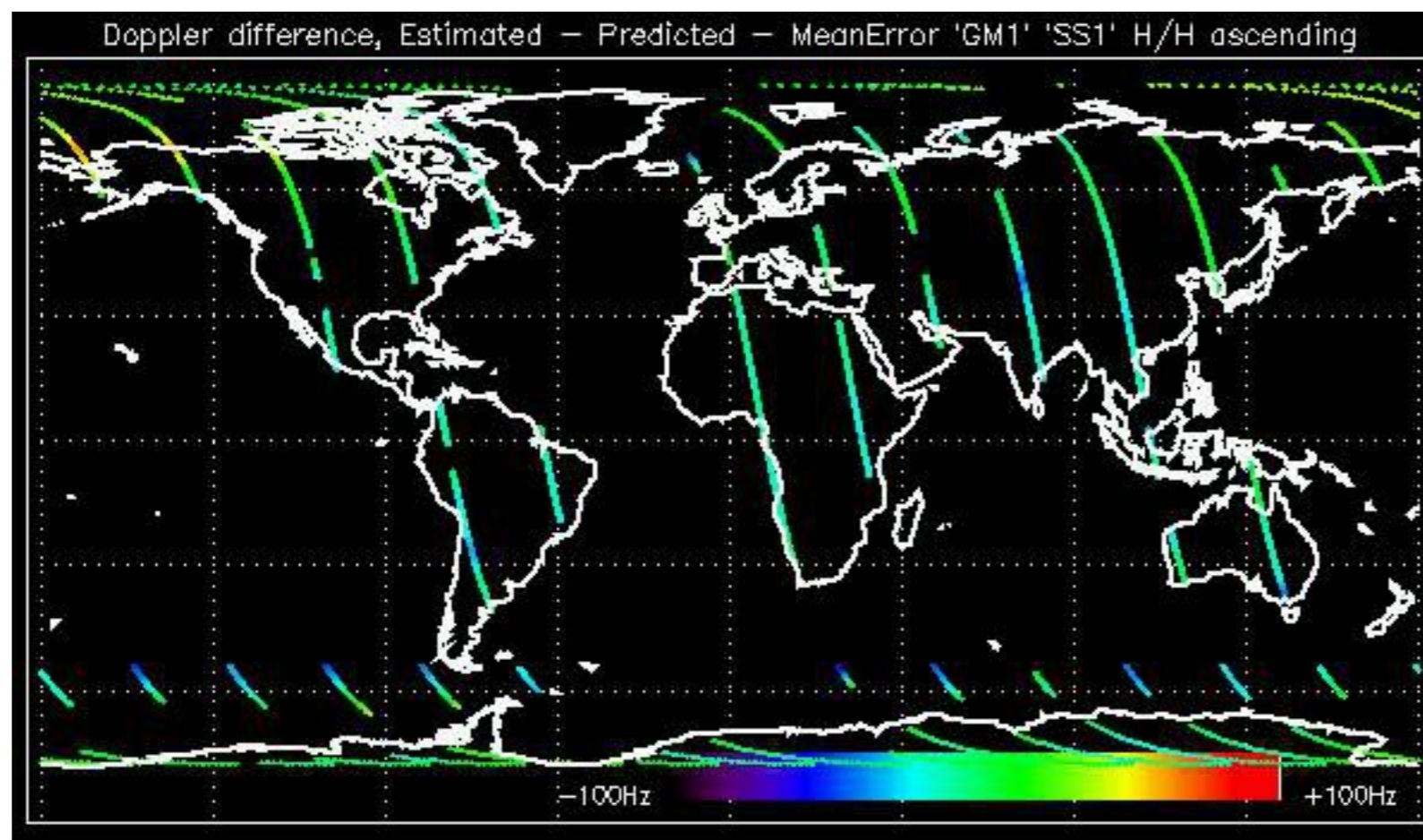


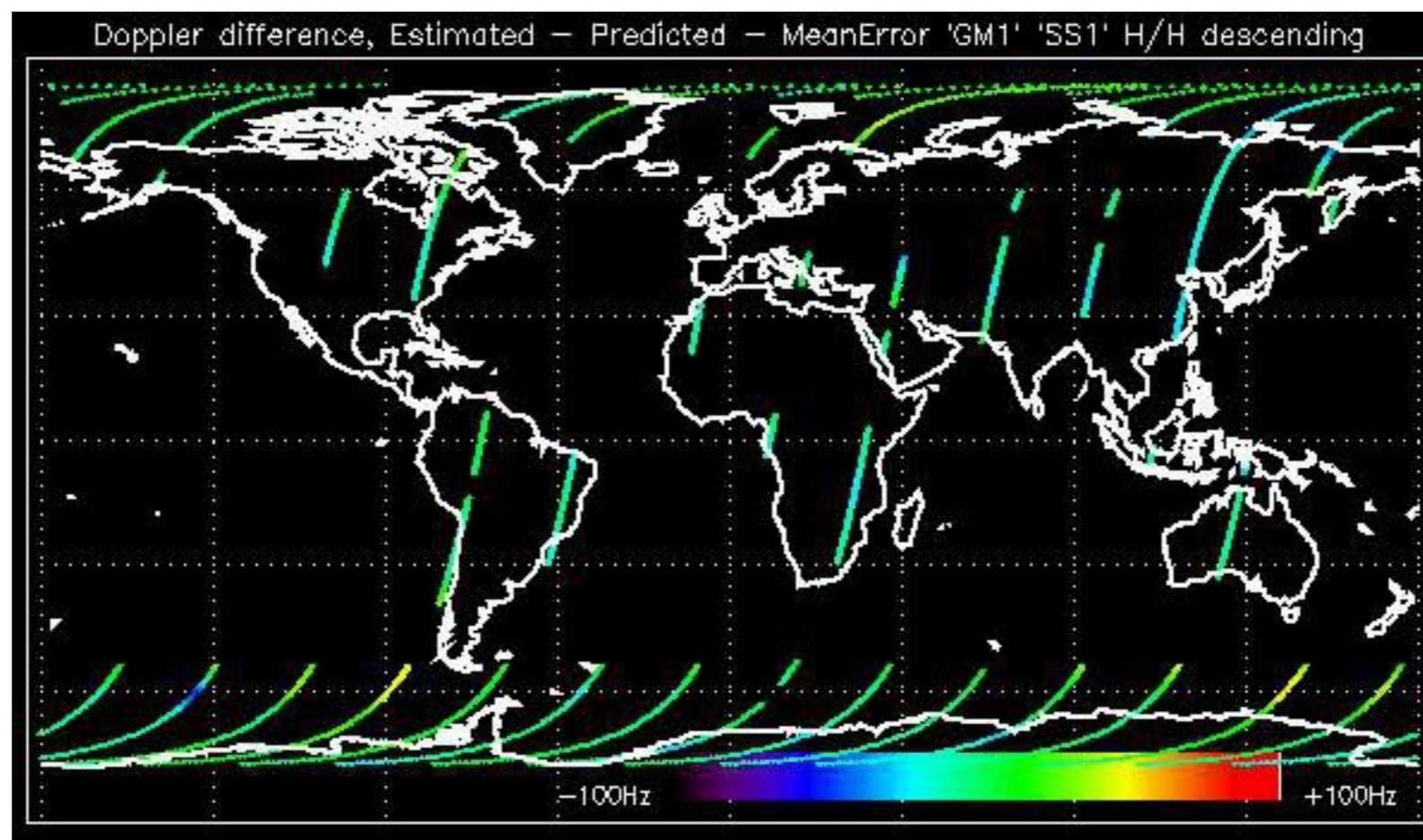




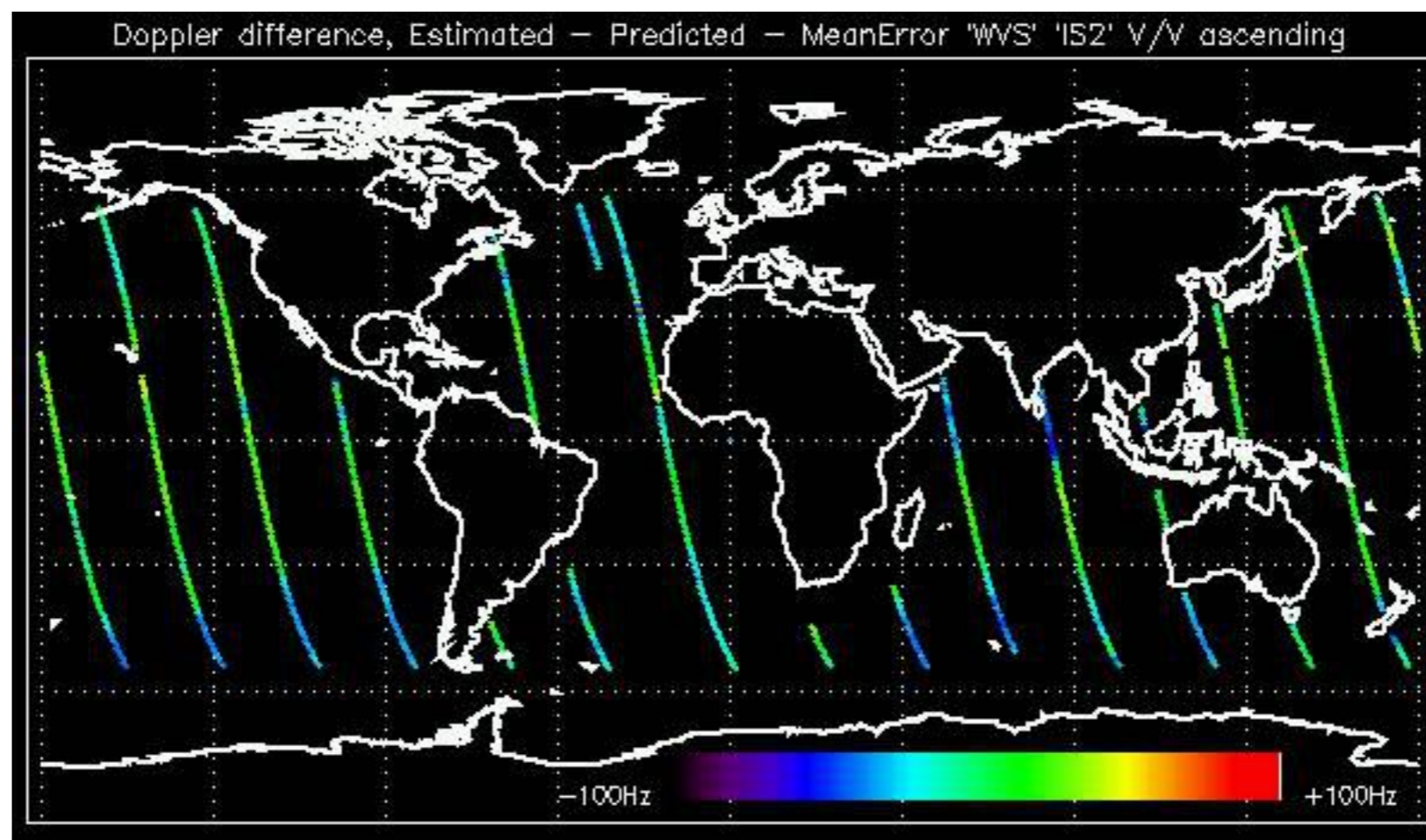


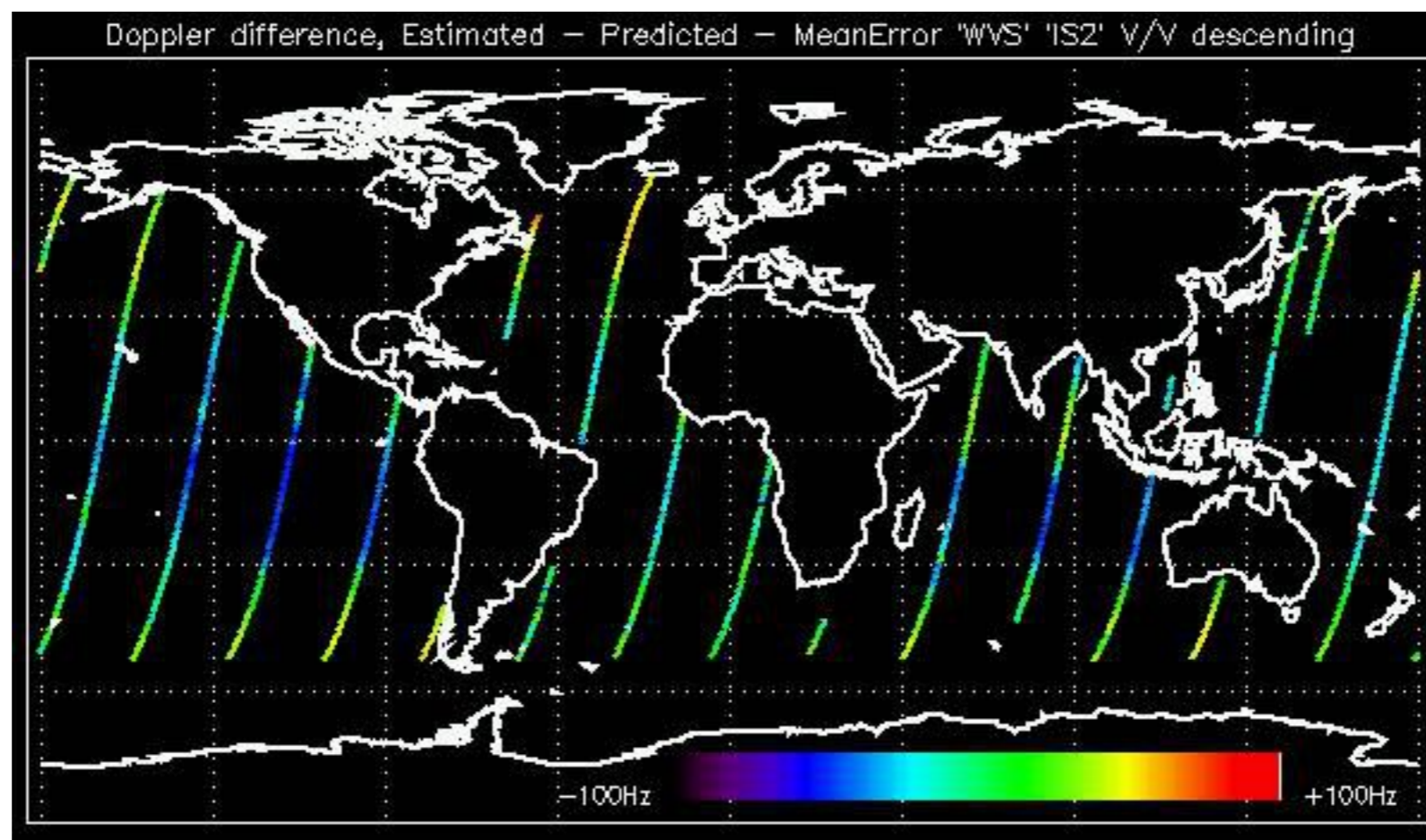


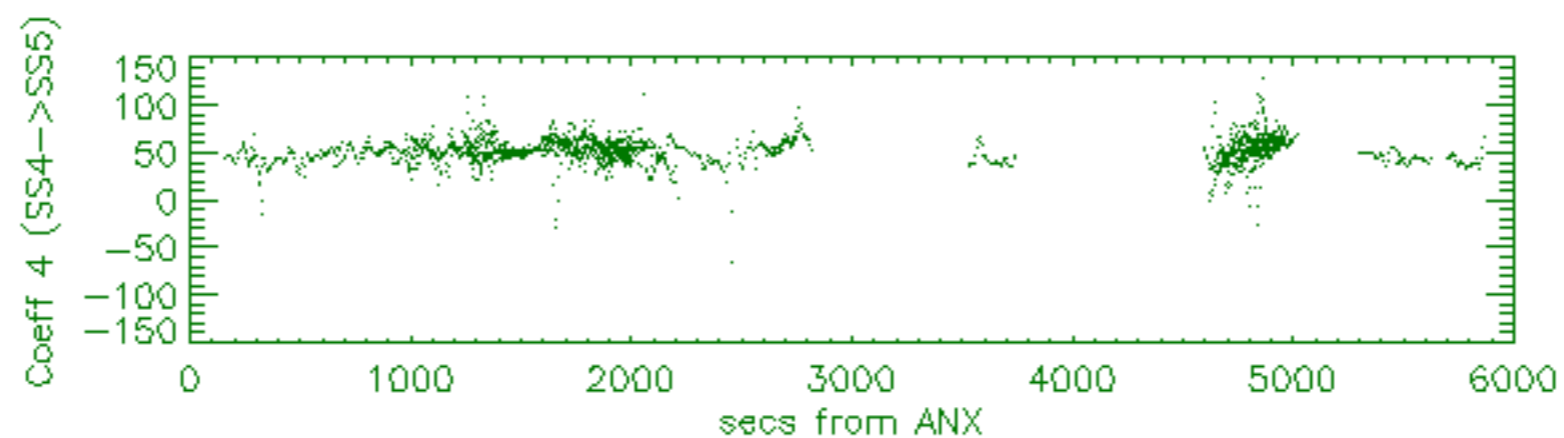
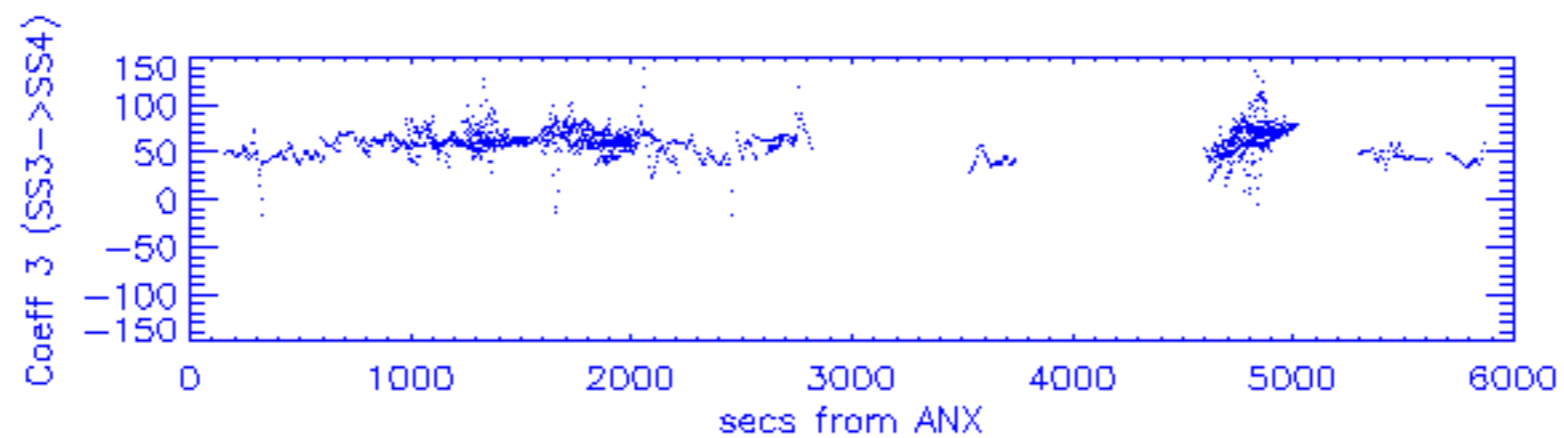
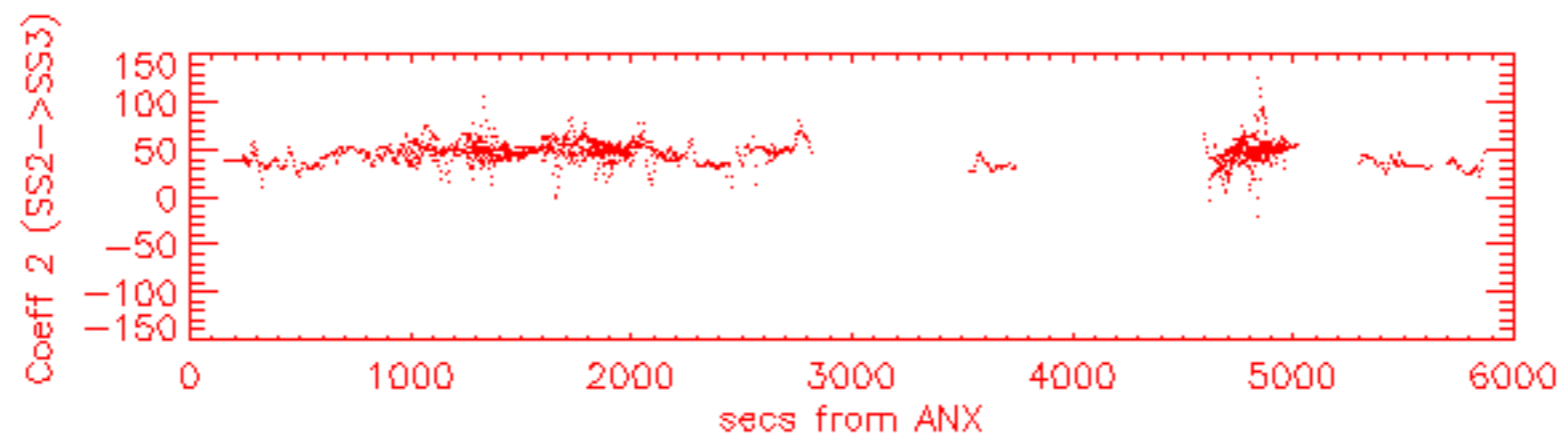
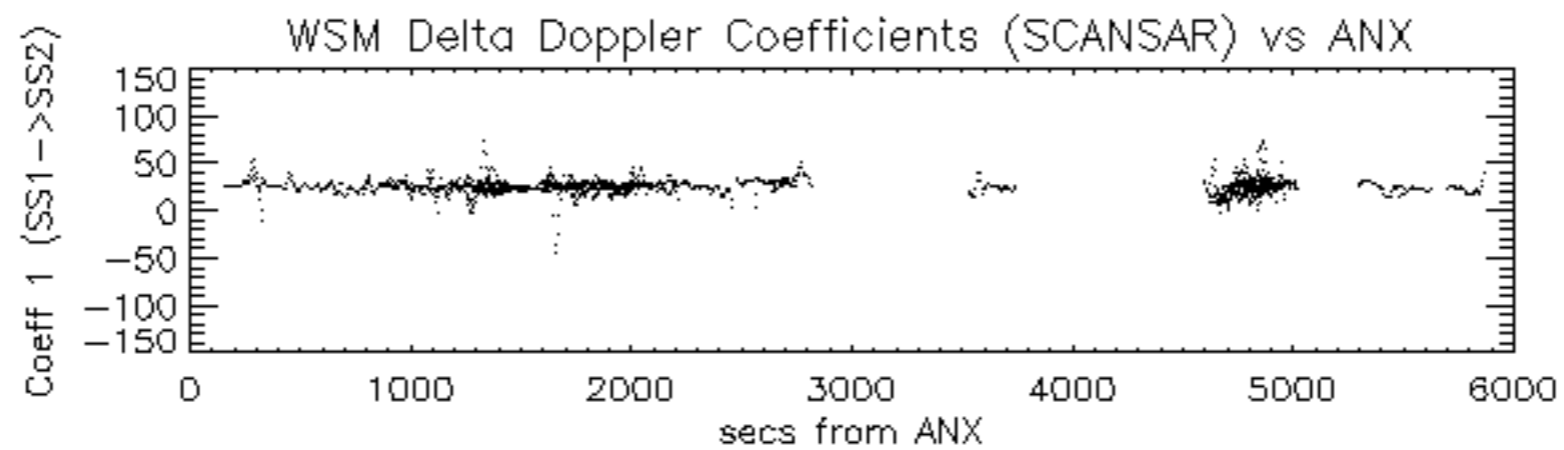


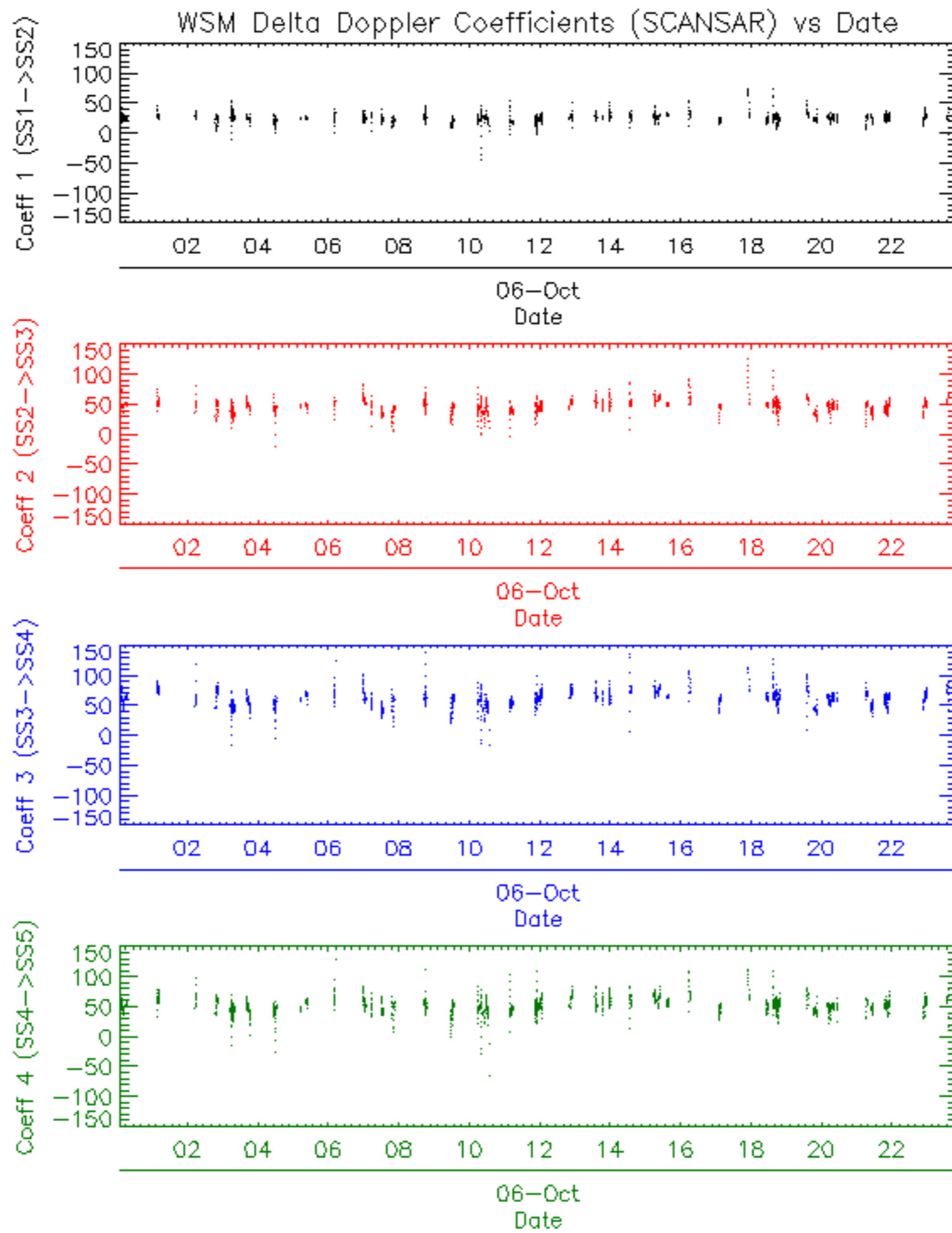
























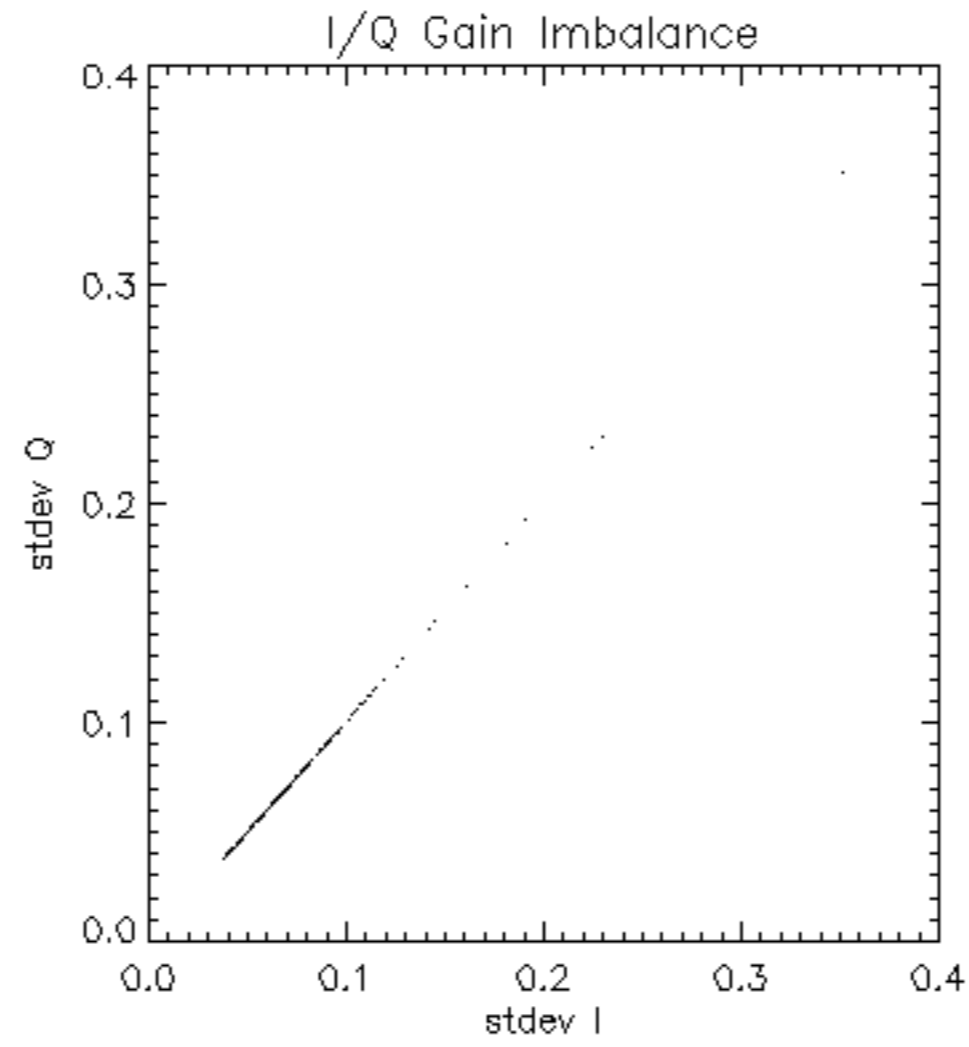


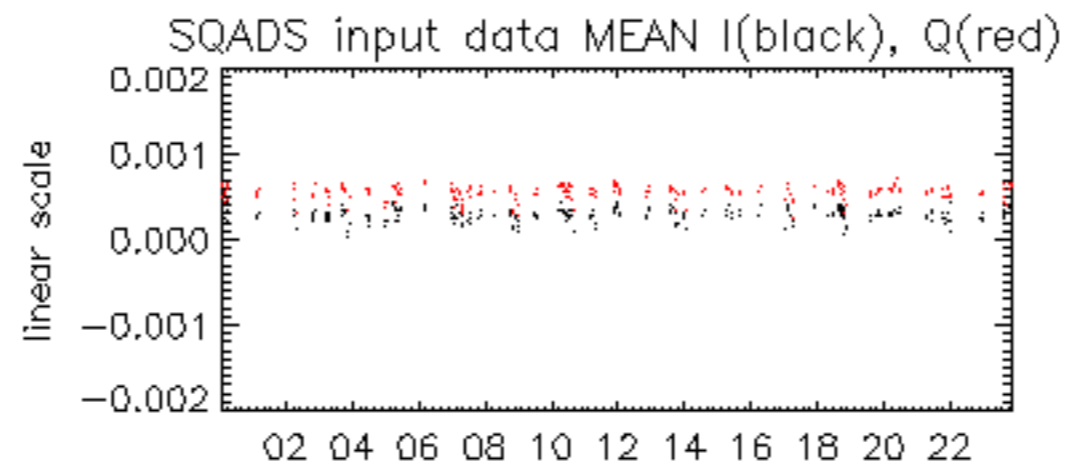




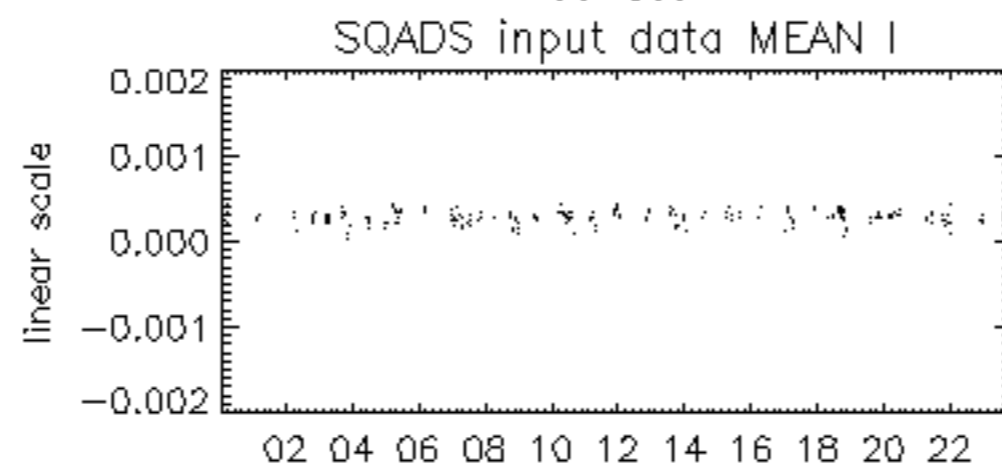




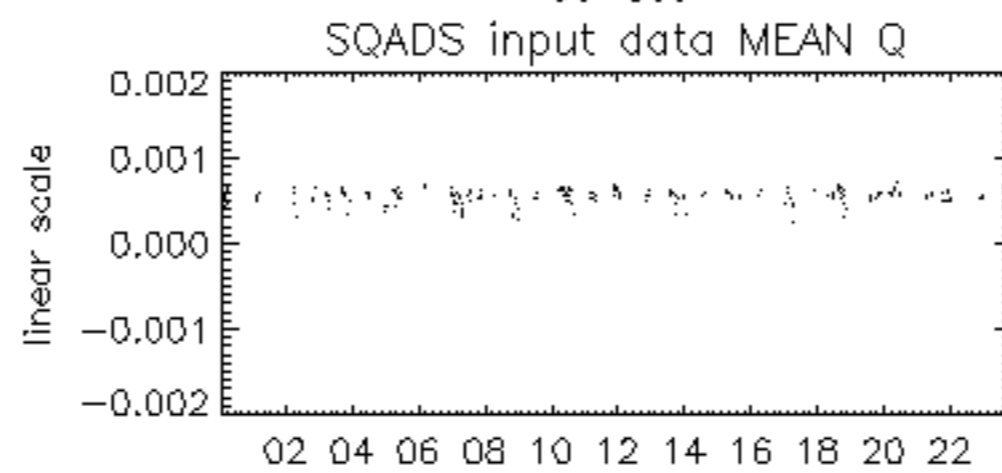




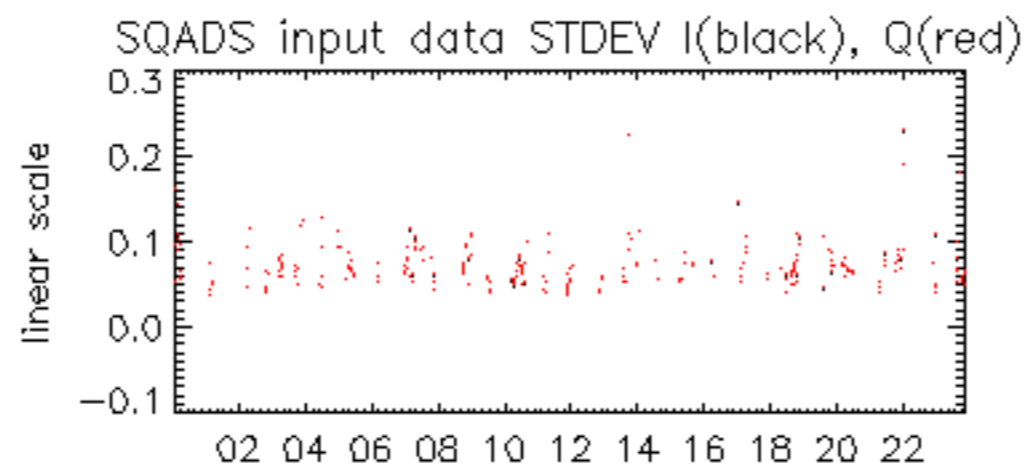
06-Oct



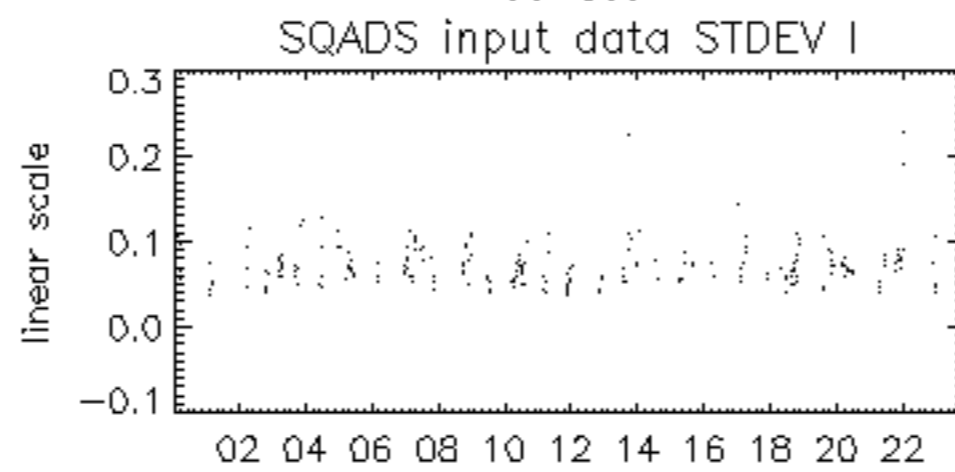
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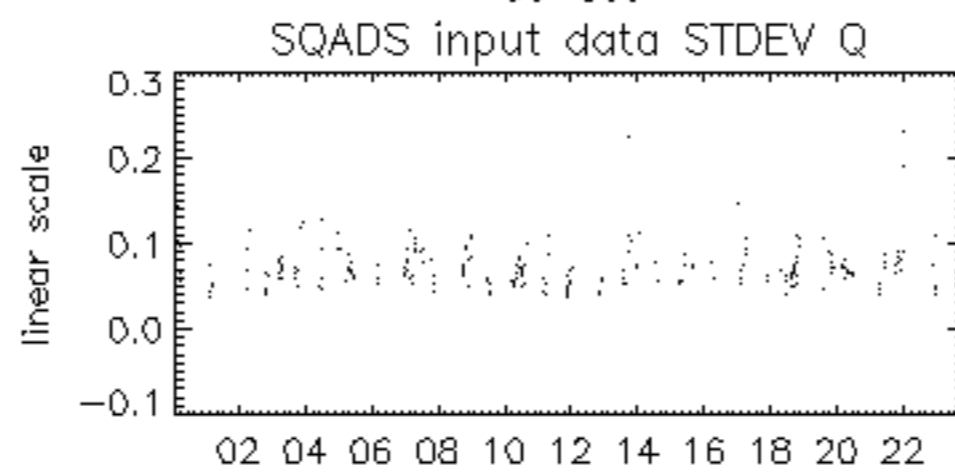
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