



Analysis from 10-FEB-2010 00:00:00 to 10-FEB-2010 23:59:59. Page generated on 11-FEB-2010 08:35:45.  
View log file: ASAR\_Daily\_Report\_20100211\_0831.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.

## SUMMARY

1. DATA SUMMARY
  - 1.1 Summary tables
  - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
  - 2.1 IECF operational ADFs list
  - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
  - 3.1 V/V polarisation
  - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
  - 4.1 Analysis for WVS IS2 V/V
    - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
    - 4.1.2 All Rows Analysis for WVS IS2 V/V
  - 4.2 Analysis for GM1 SS3 H/H
    - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
    - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
  - 5.1 Analysis for WVS IS2 V/V
    - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
    - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
  - 5.2 Analysis for GM1 SS1 H/H
    - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
    - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
  - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
  - 6.1 Analysis for WSM SS1 H/H
    - 6.1.1 ScaleFactor
  - 6.2 Analysis for WSM SS1 V/V
    - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
  - 7.1 Analysis for WVS
  - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
  - 8.1 Number of Missing Lines
  - 8.2 Number of Gaps

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ BACK TO MENU ]

| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |   | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 3  | PDE    | WS   | H/H | 30 | PDE    | IS4  | V/H | 1 | PDE    | IS1  | V/V | 2 | PDE    | WS   | H/H | 28 | PDK    | 2010-02-10 07:18:17 | H   | 320     |
| PDE    | IS2  | V/V | 29 | PDK    | WS   | H/H | 33 | PDE    | IS4  | V/V | 1 | PDE    | IS2  | H/H | 2 | PDE    | WS   | V/V | 10 |        |                     |     |         |
| PDK    | IS2  | V/V | 24 |        |      |     |    | PDE    | IS7  | H/H | 1 | PDE    | IS2  | V/V | 7 | PDK    | WS   | H/H | 15 |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS4  | V/V | 2 | PDK    | WS   | V/V | 3  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 2 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | V/V | 1 |        |      |     |    |        |                     |     |         |

## 1.2 - Lists of products used

[ BACK TO MENU ]

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ BACK TO MENU ]

| ADFs disseminated for ASAR                                    |
|---------------------------------------------------------------|
| ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000 |
| ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959 |
| ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000 |
| ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959 |

### 2.2 - Products with wrong ADFs

[ BACK TO MENU ]

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

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS





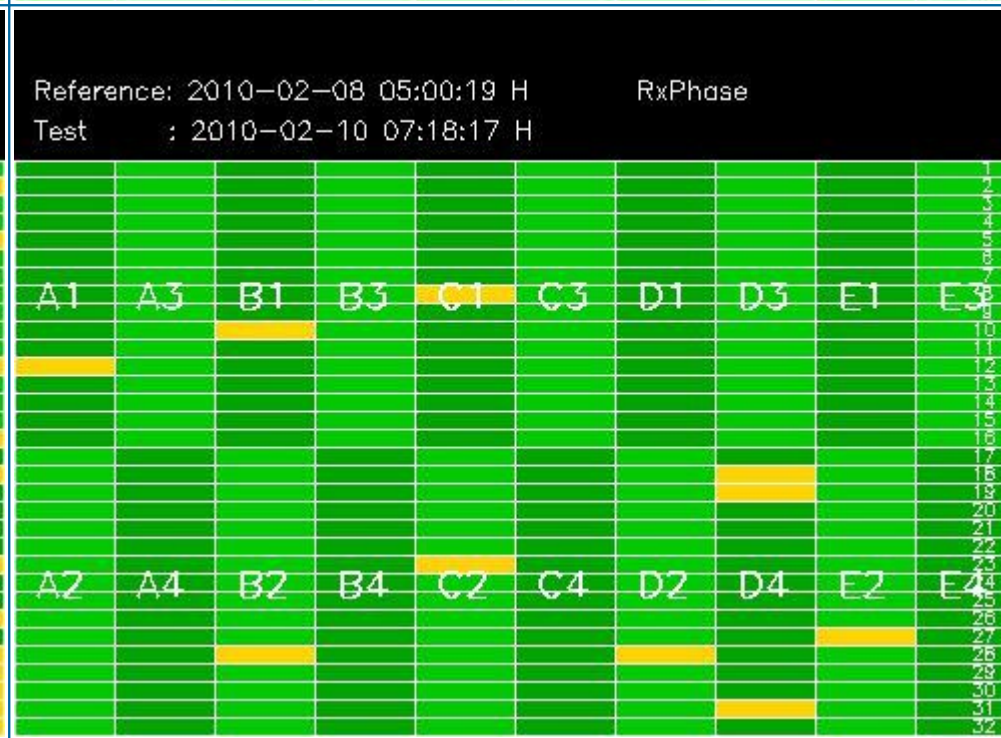
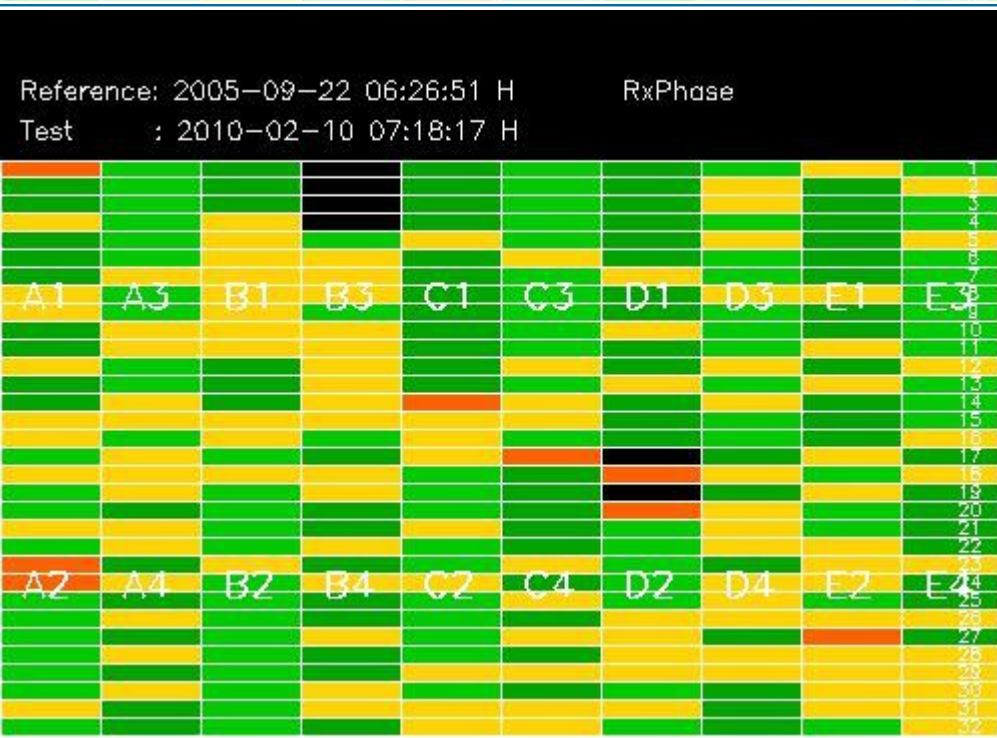
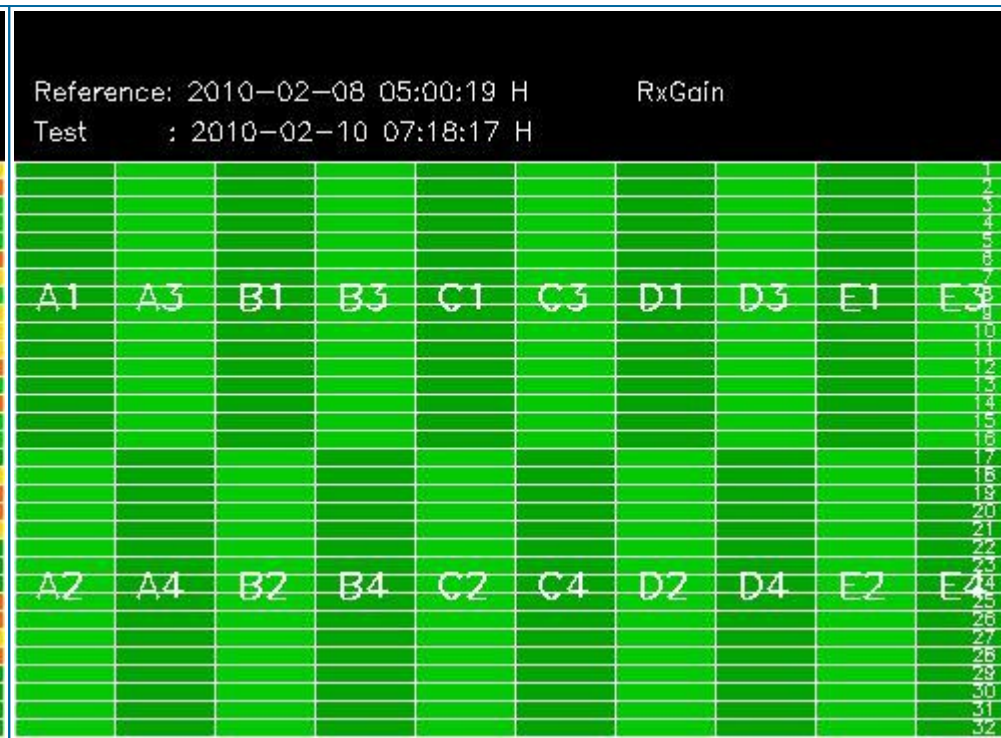
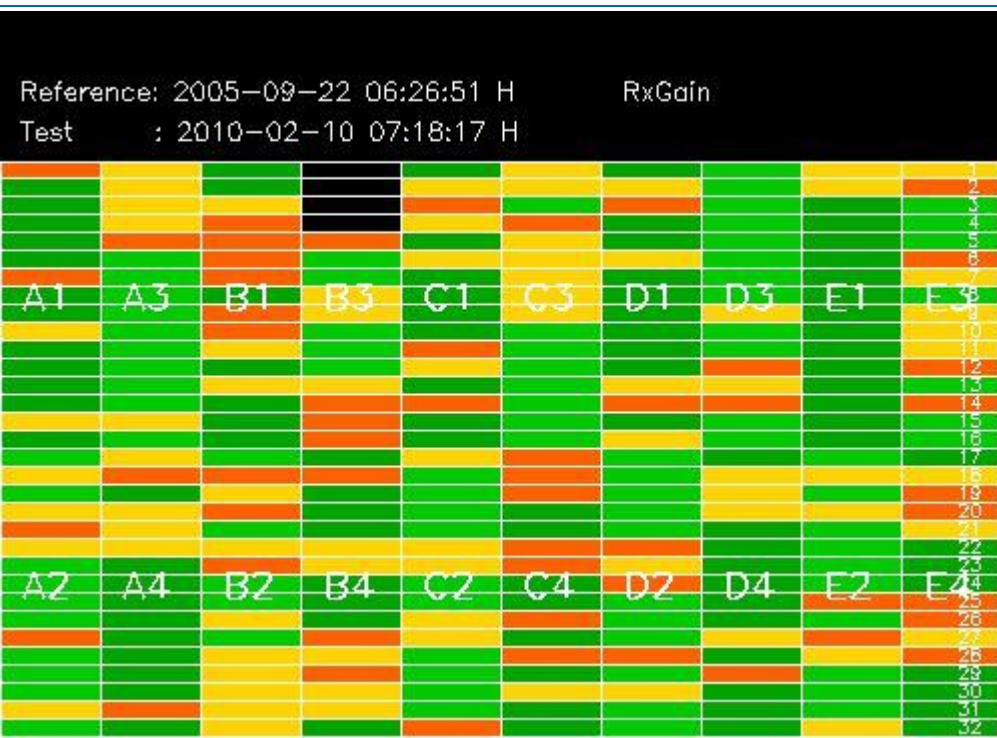


### 3.2 - H/H polarisation

[ [BACK TO MENU](#) ]

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









## 4 - CALIBRATION PULSES ANALYSIS

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

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

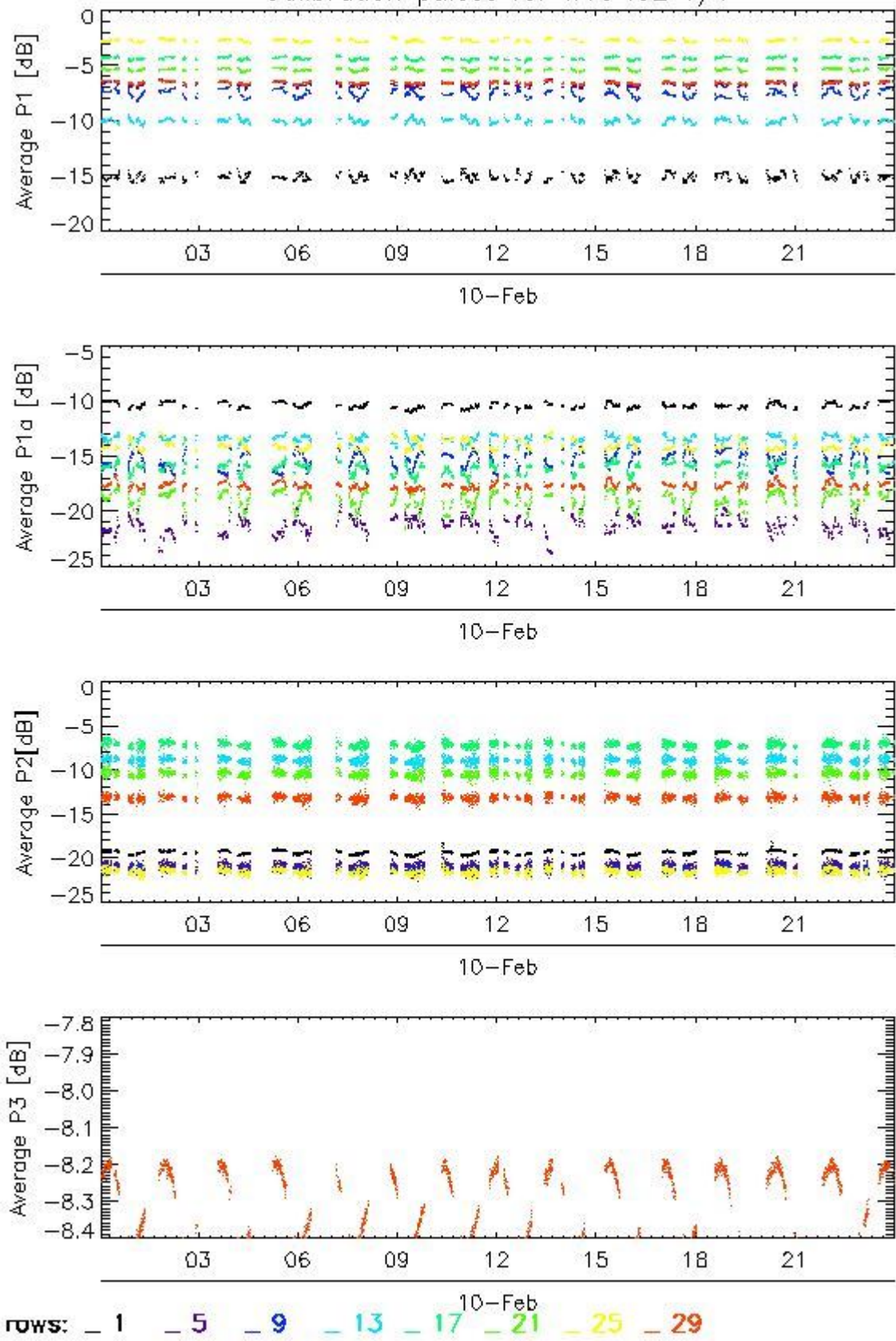
[ BACK TO MENU ]

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

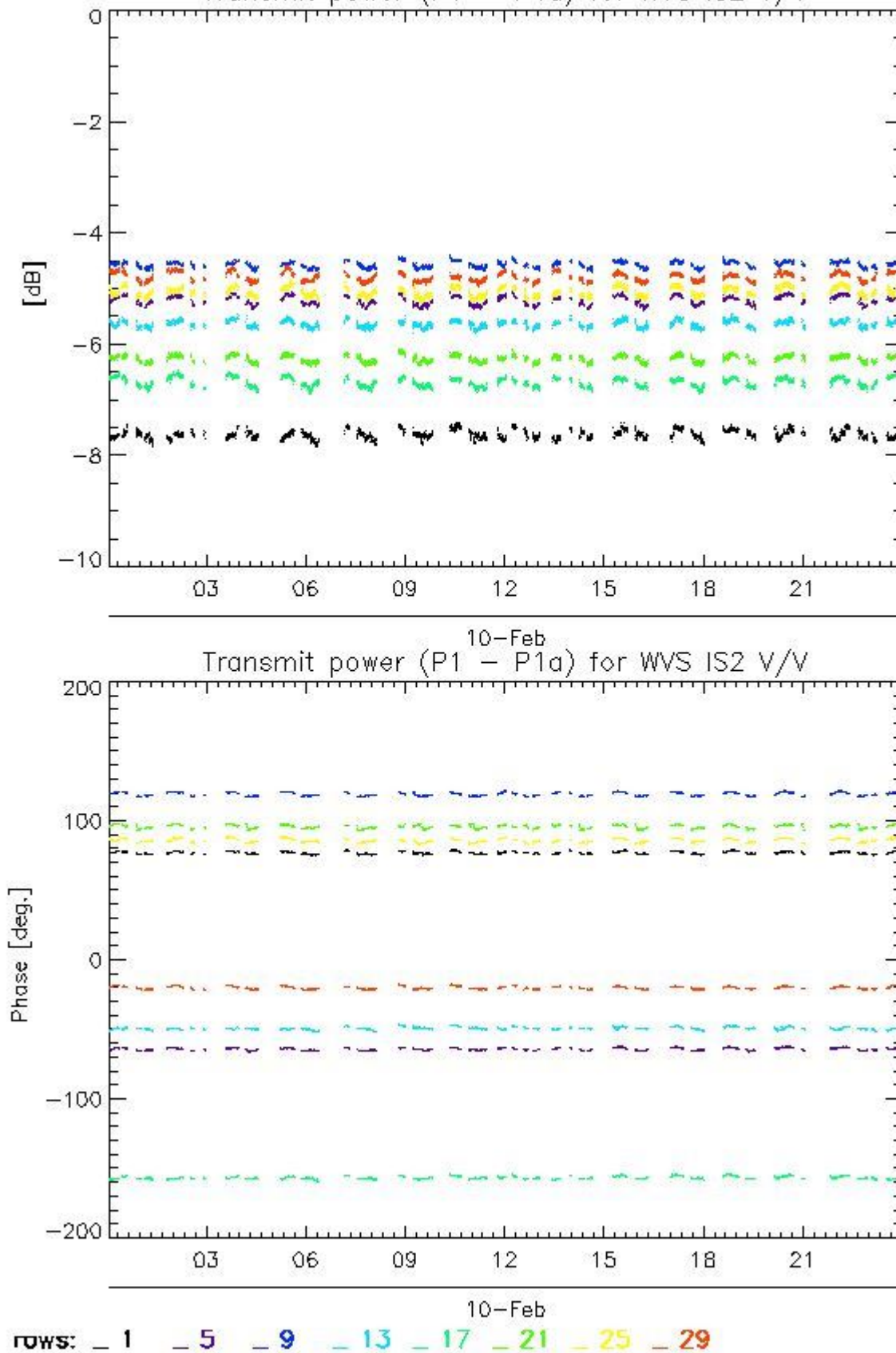
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for WVS IS2 V/V



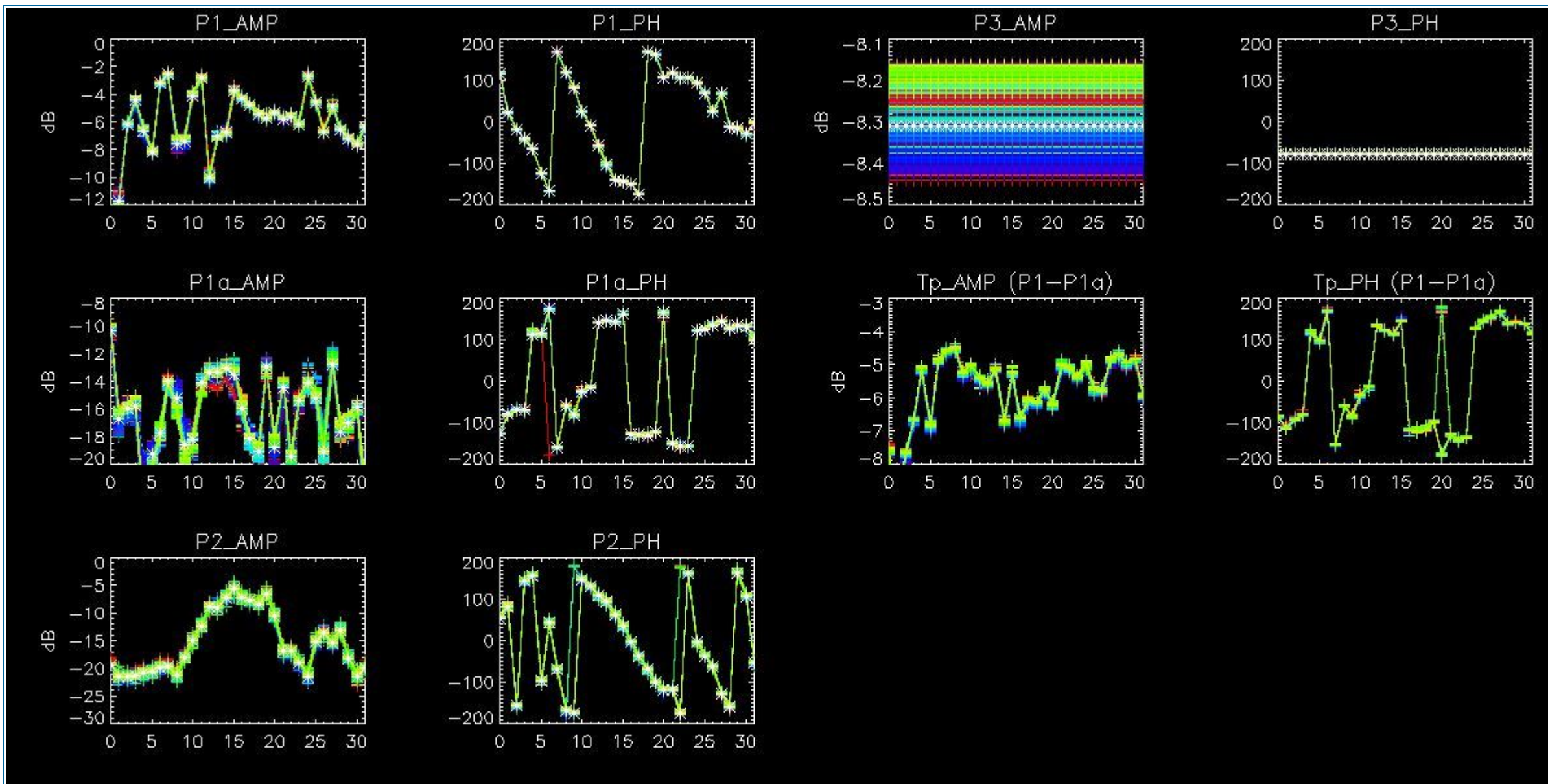
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 4.1.2 - All Rows Analysis for WVS IS2 V/V

[ BACK TO MENU ]





## 4.2 - Analysis for GM1 SS3 H/H

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

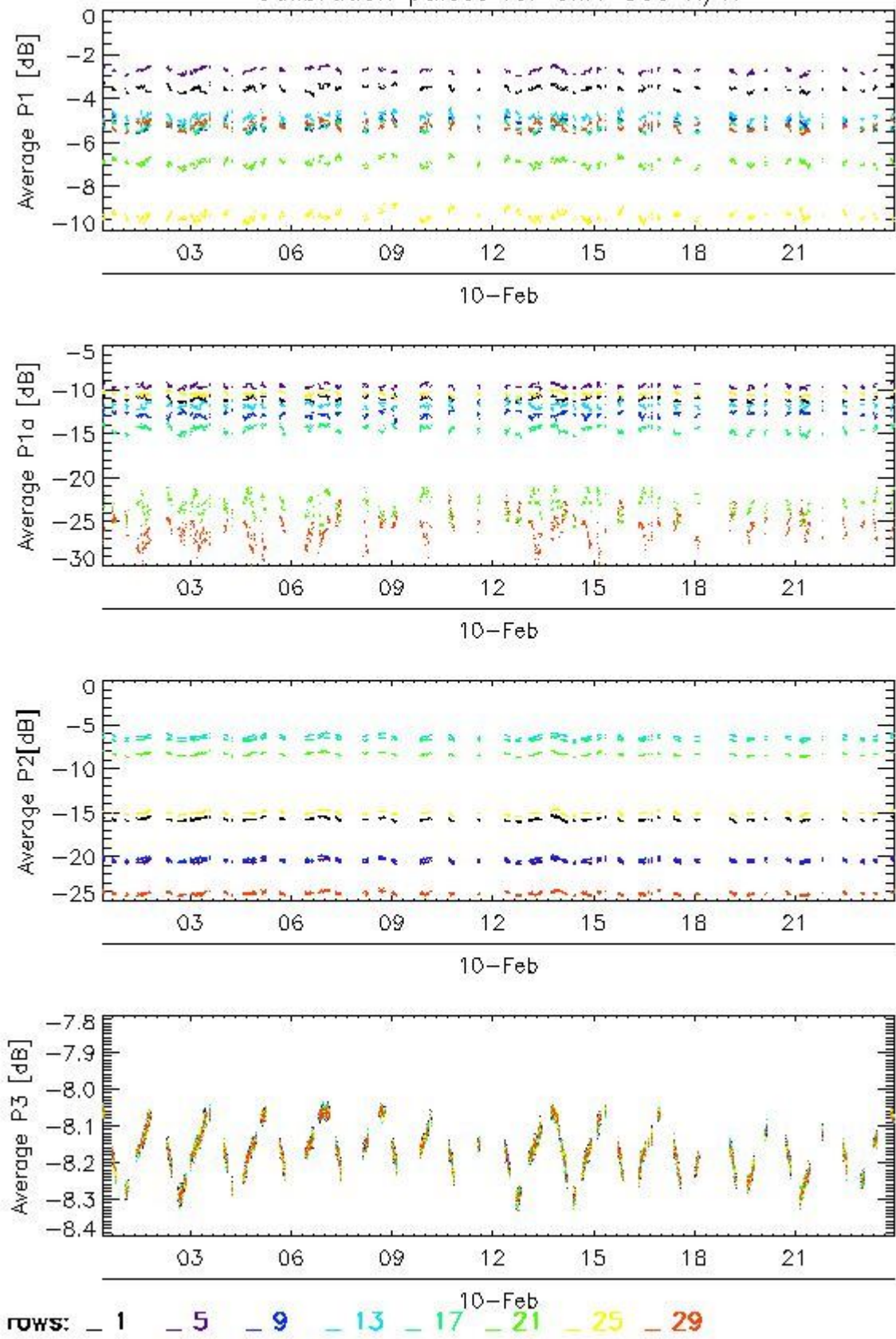
[ BACK TO MENU ]

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

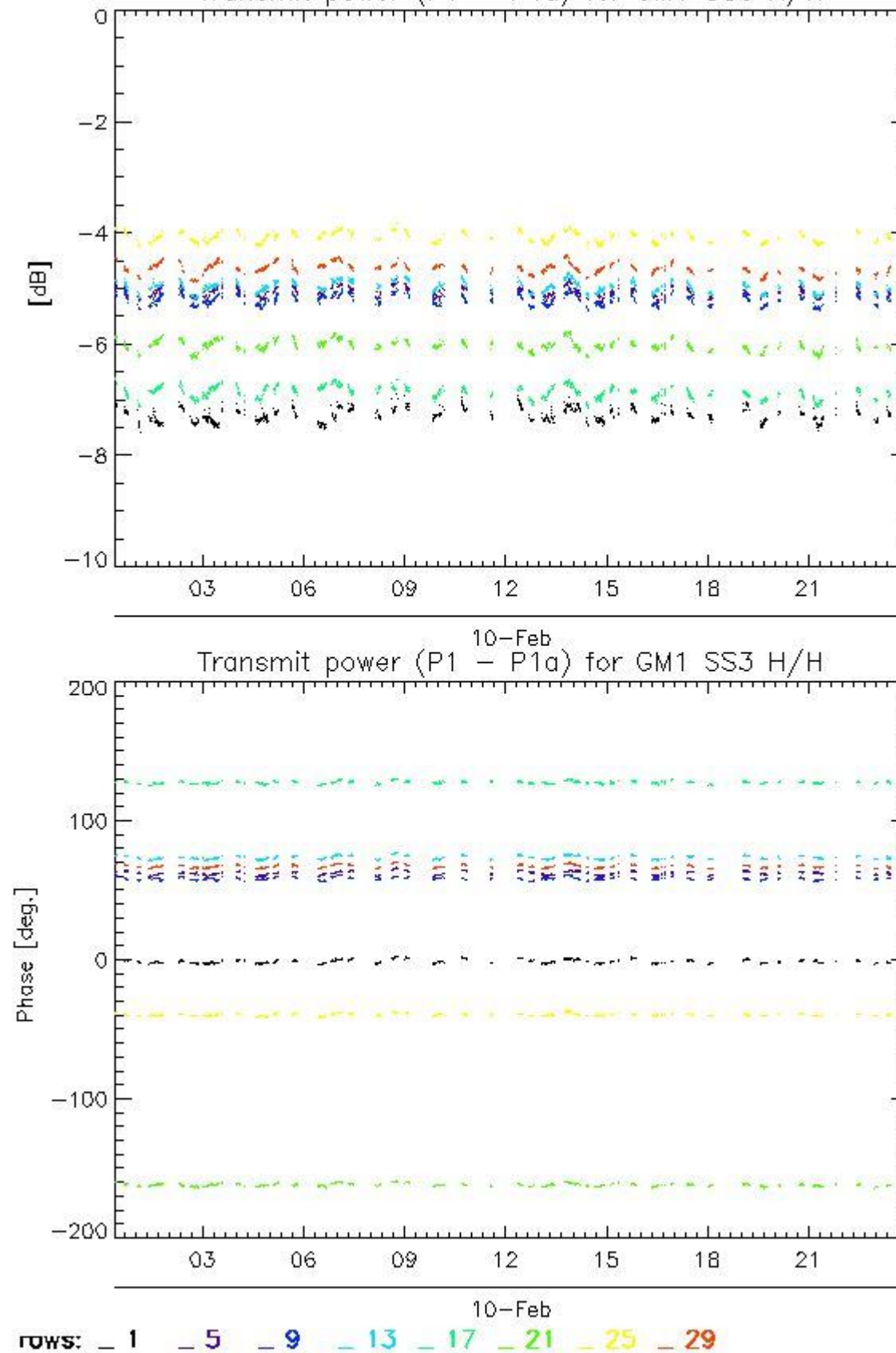
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



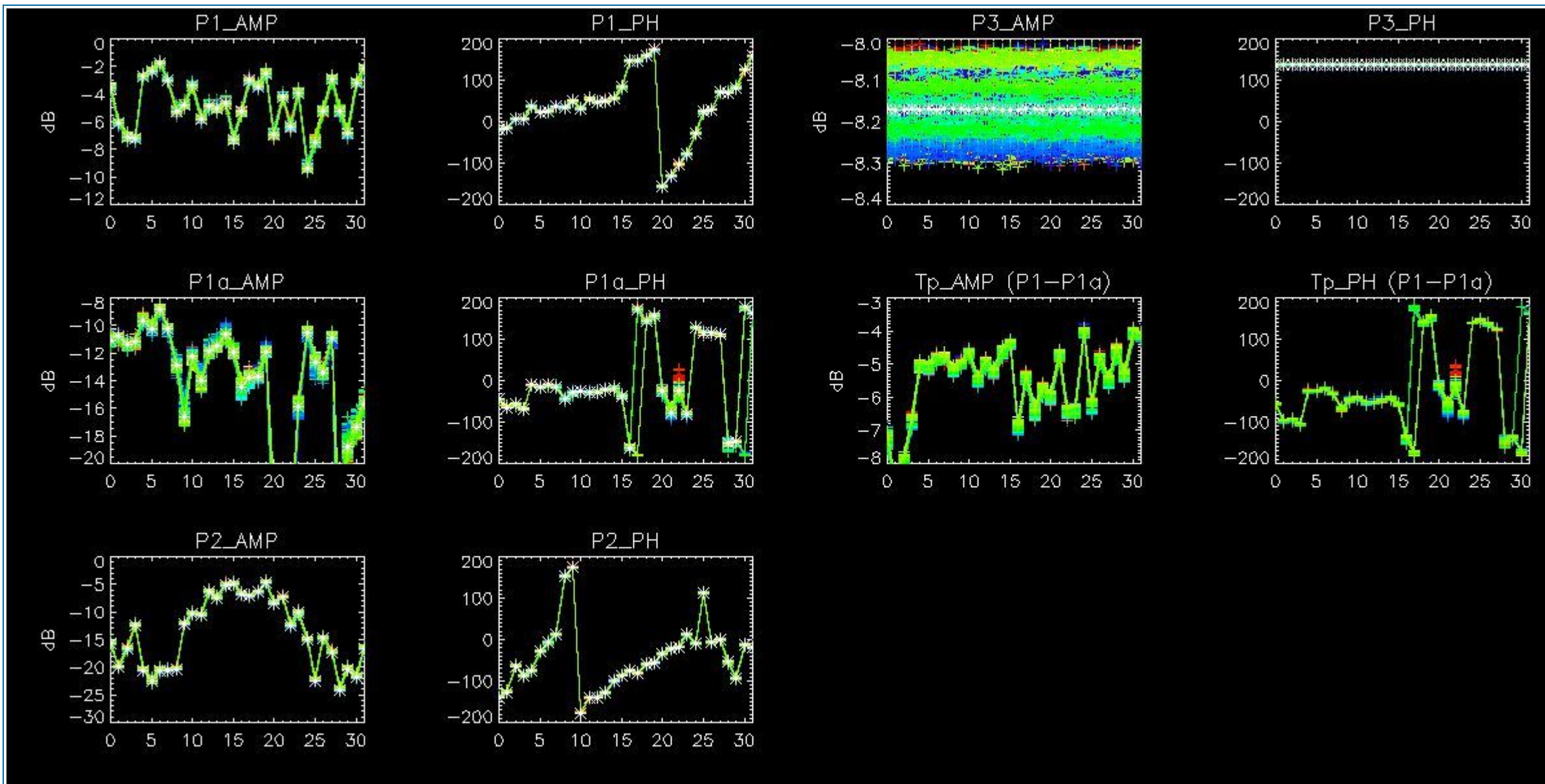
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

[ [BACK TO MENU](#) ]





## 5 - DOPPLER ANALYSIS

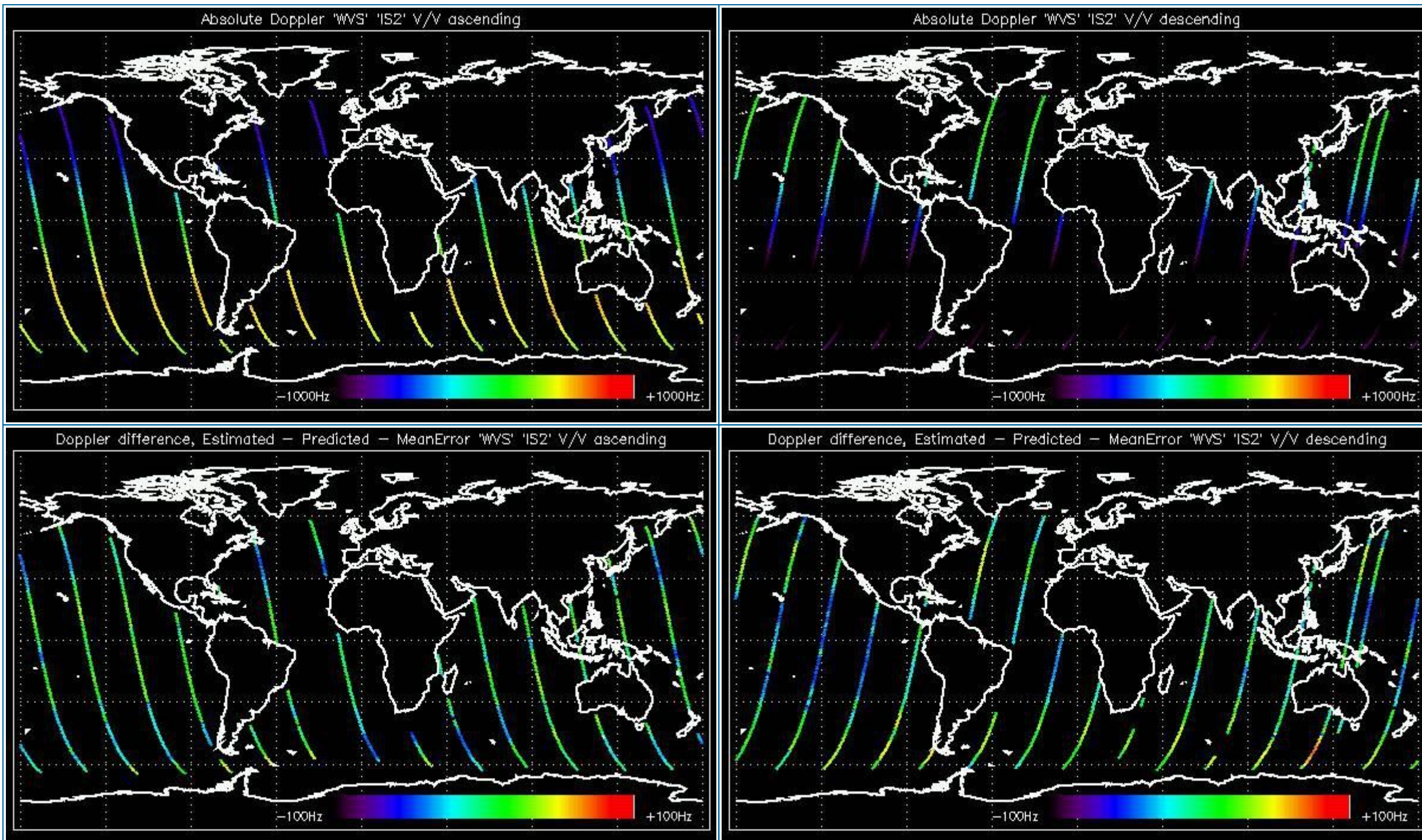
### 5.1 - Analysis for WVS IS2 V/V

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

[ [BACK TO MENU](#) ]



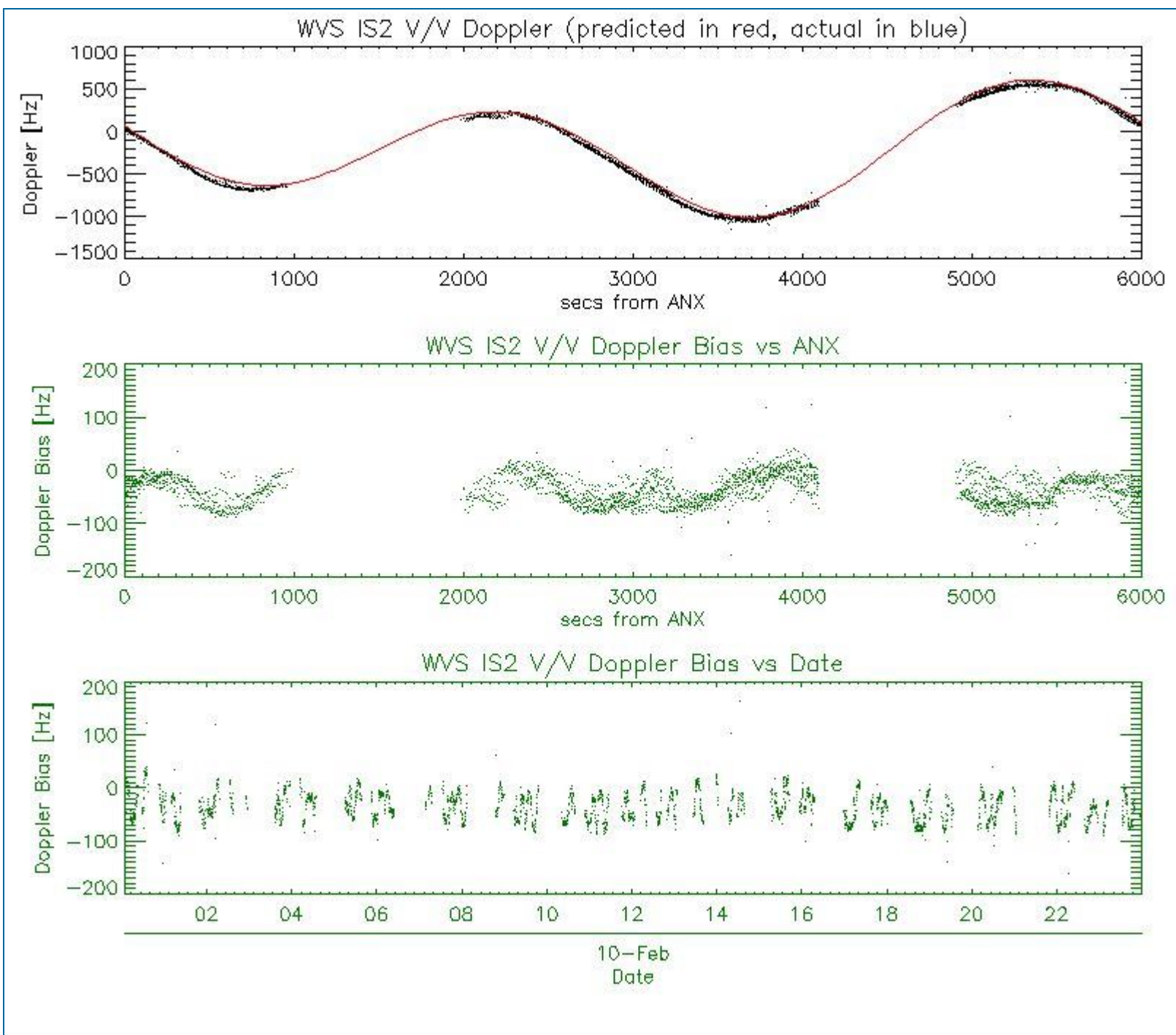




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]





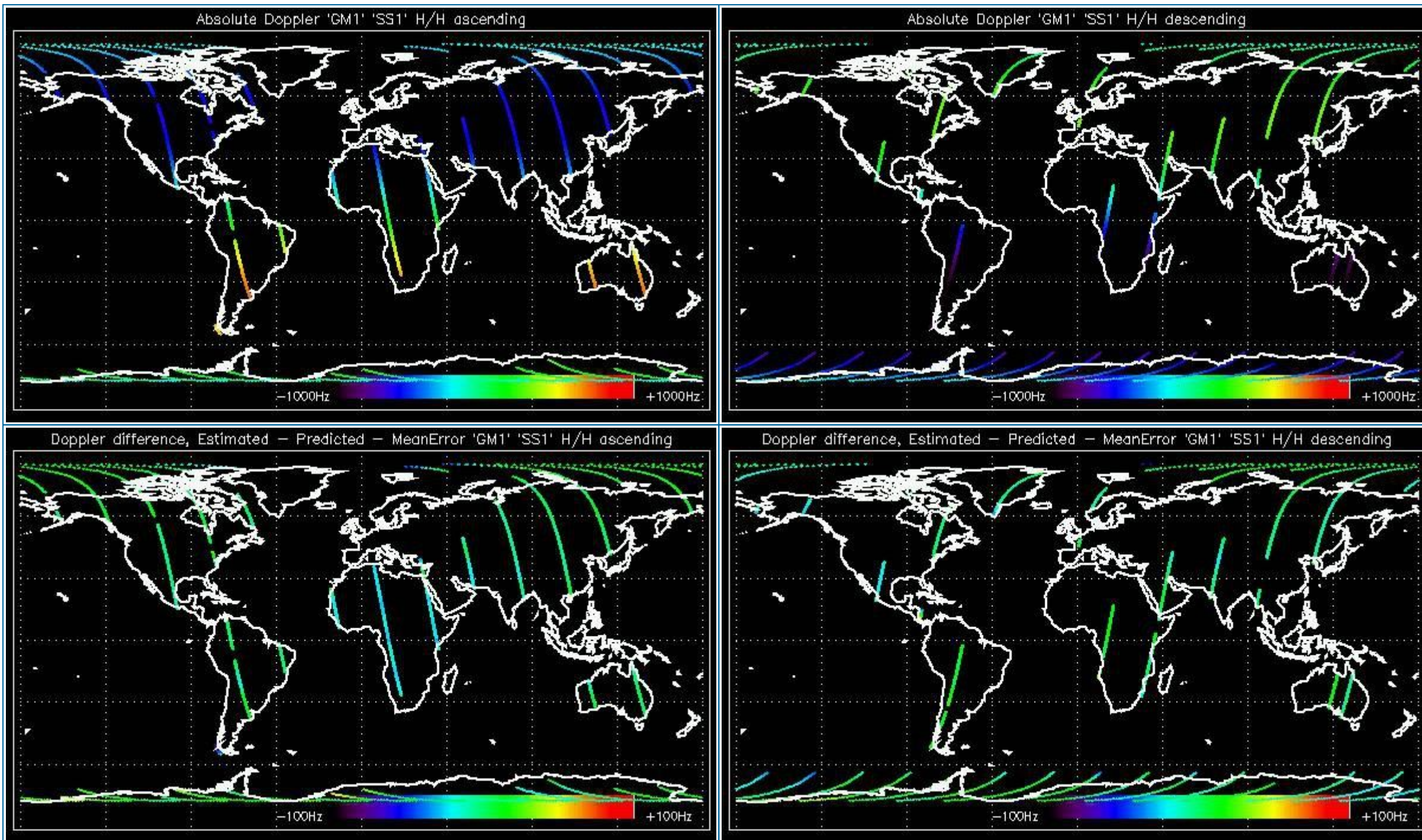
## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]



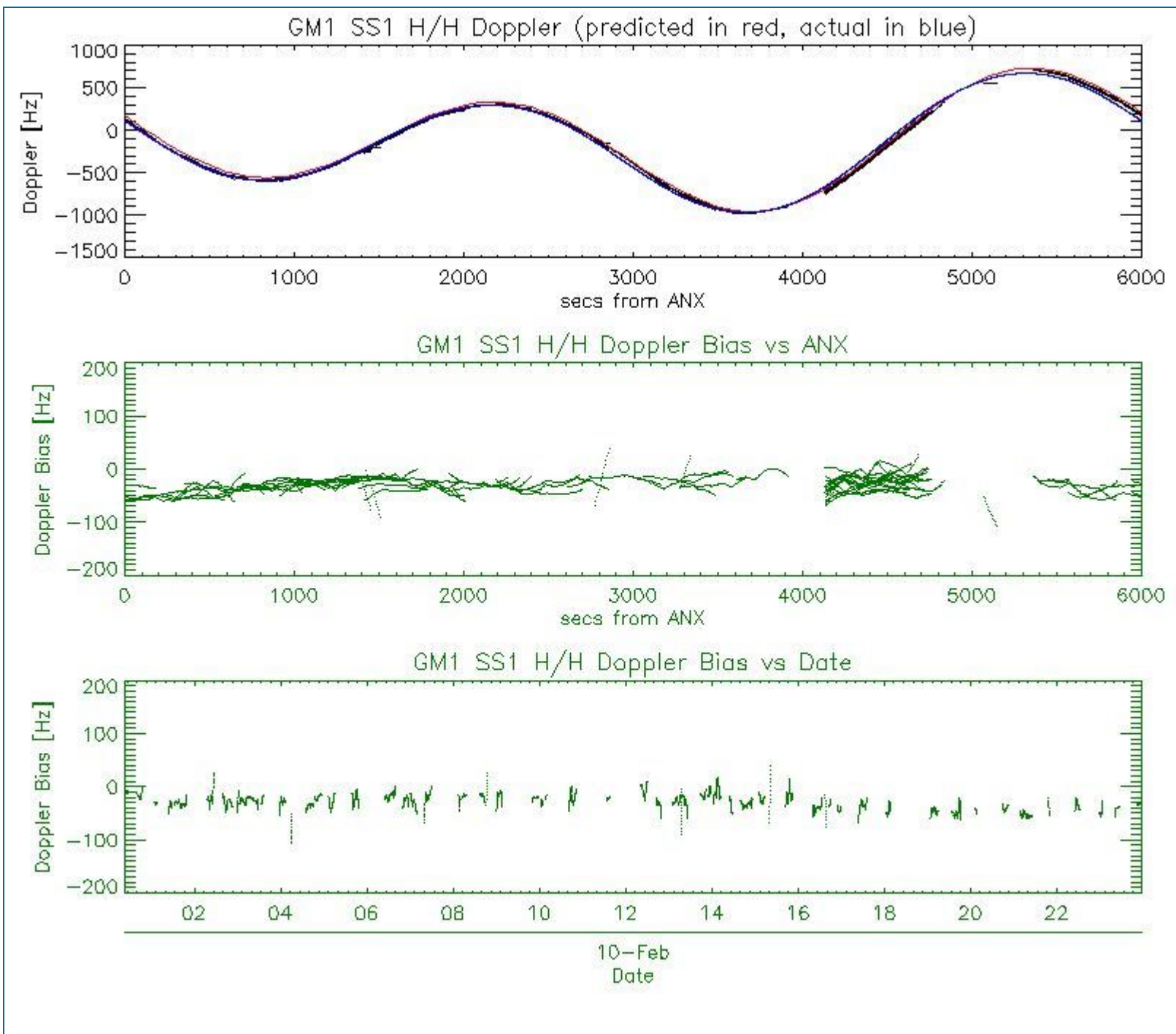




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]



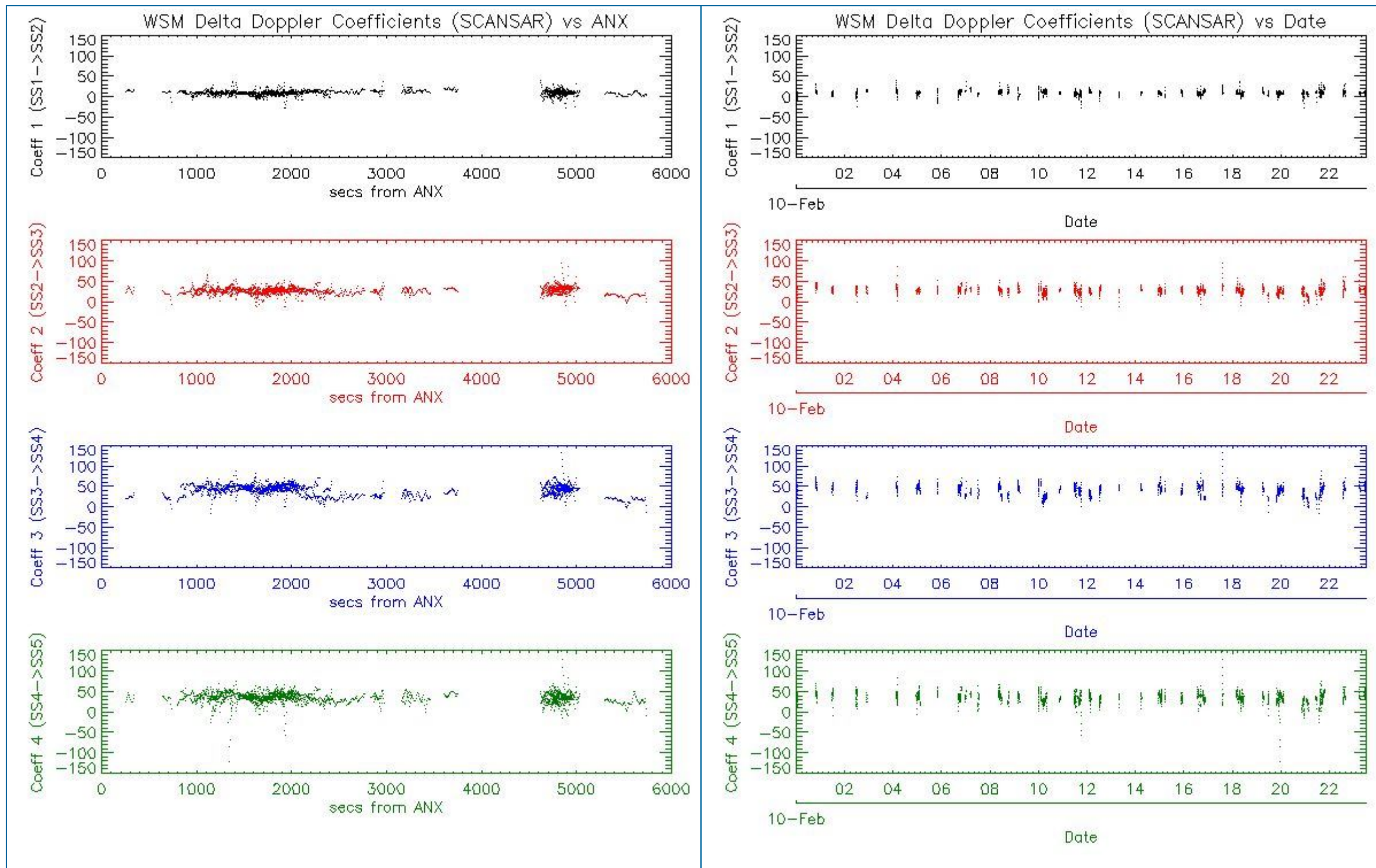


### 5.3 - Doppler JUMPS Analysis for WSM

[ [BACK TO MENU](#) ]







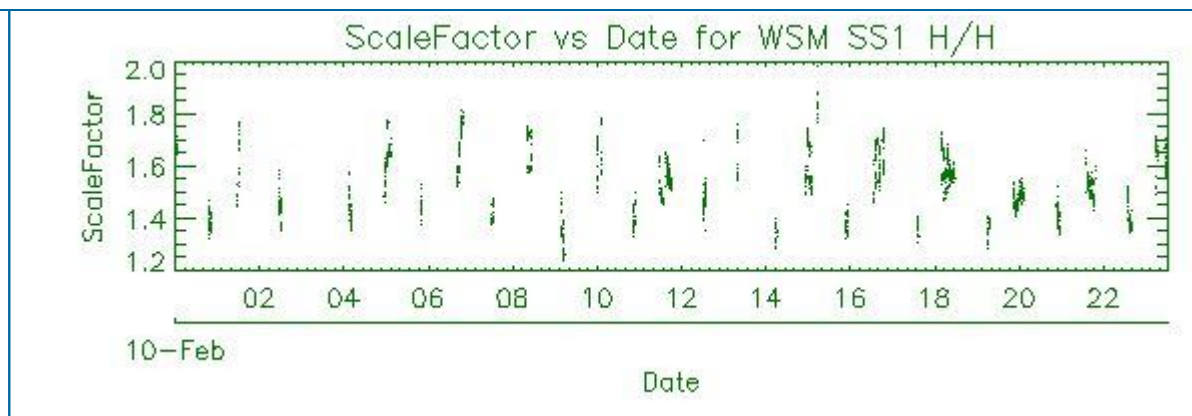
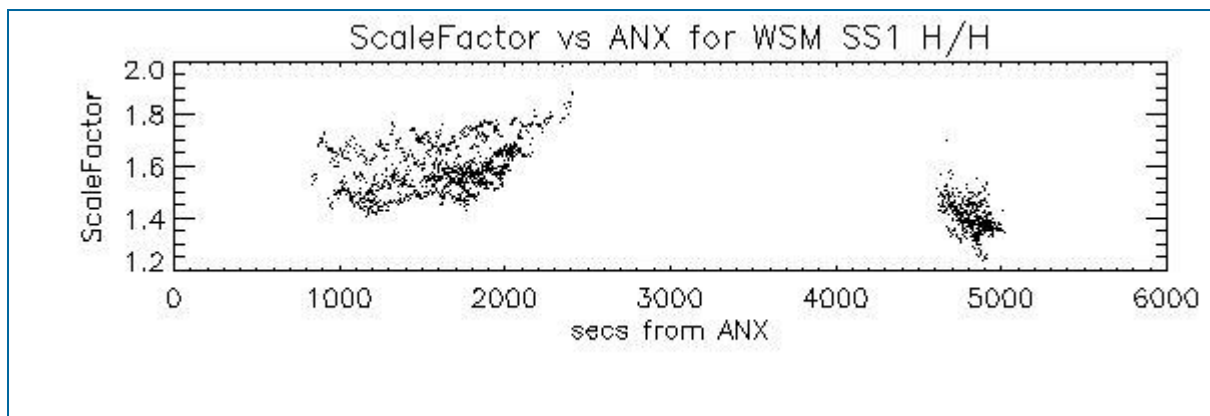
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ [BACK TO MENU](#) ]

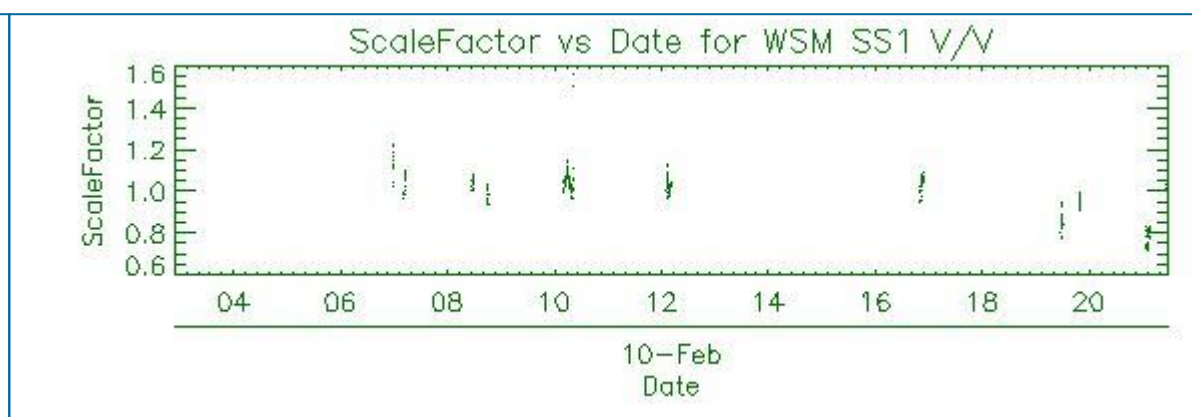
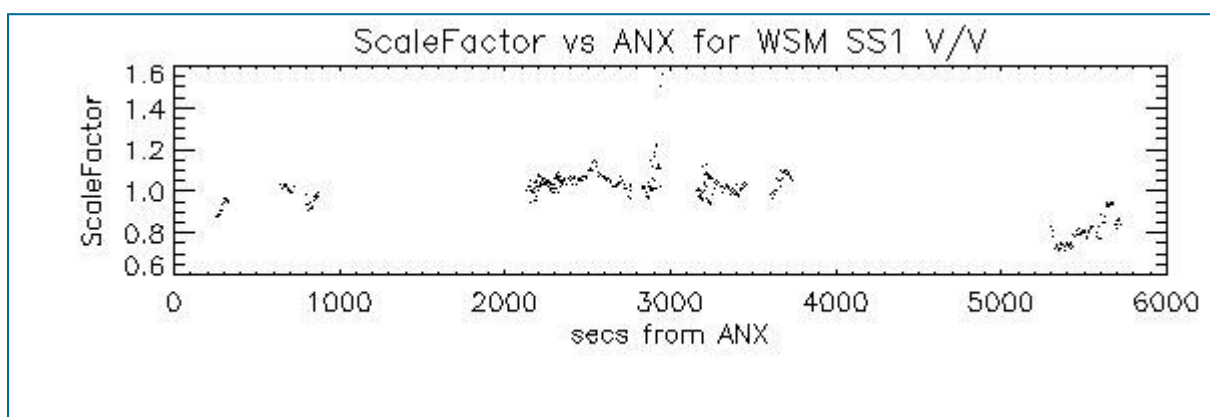




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



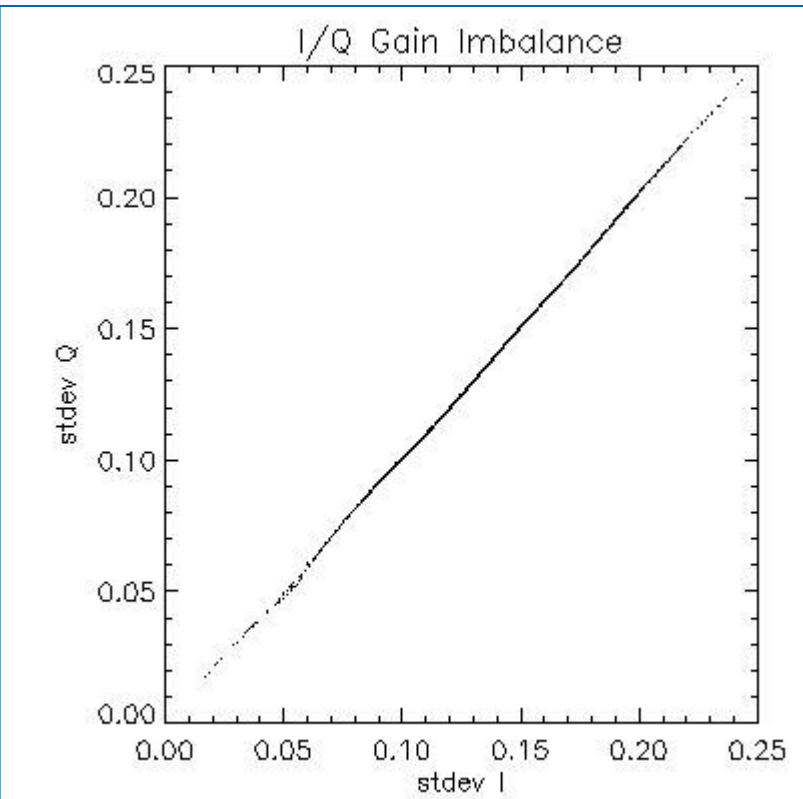
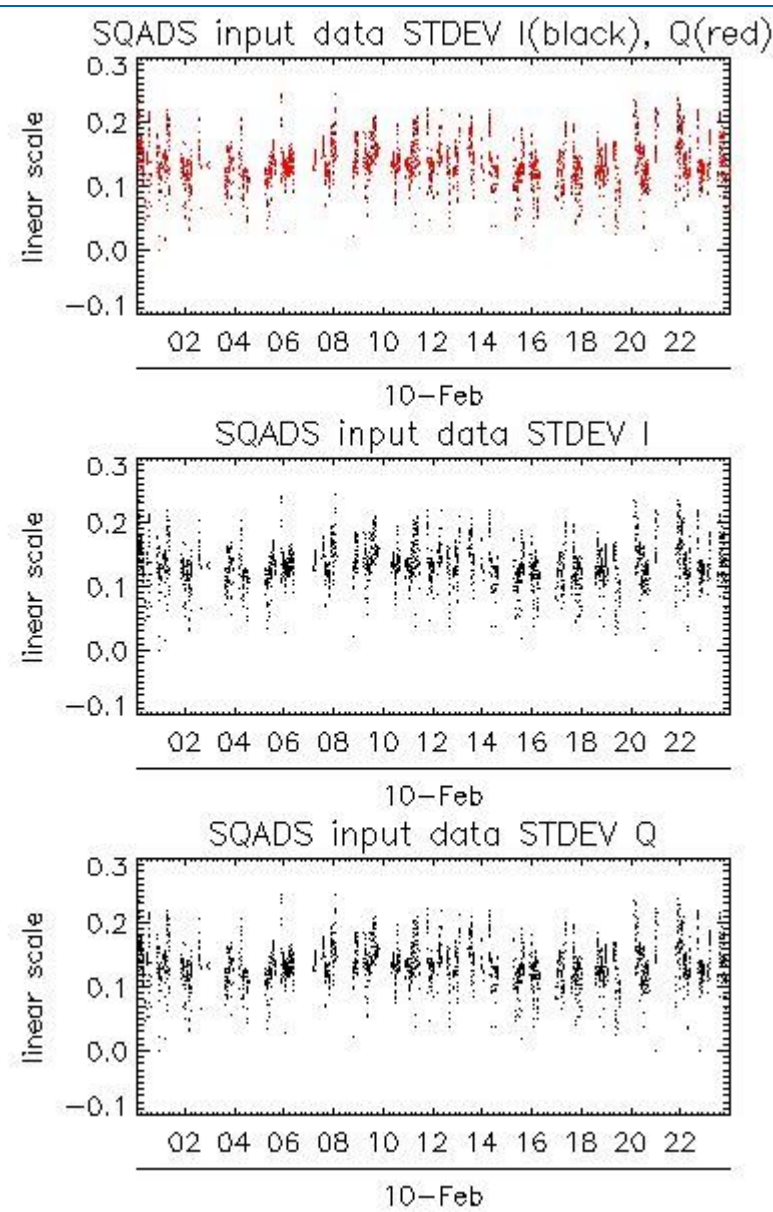
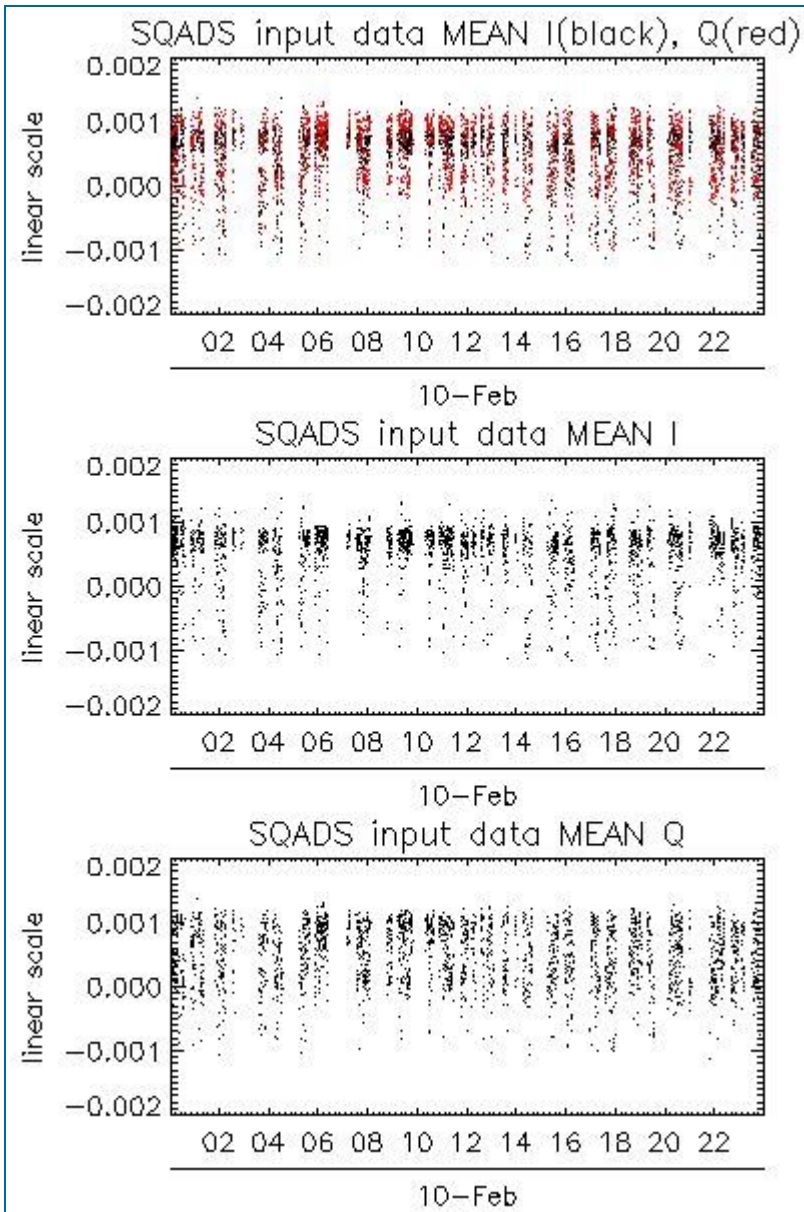
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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



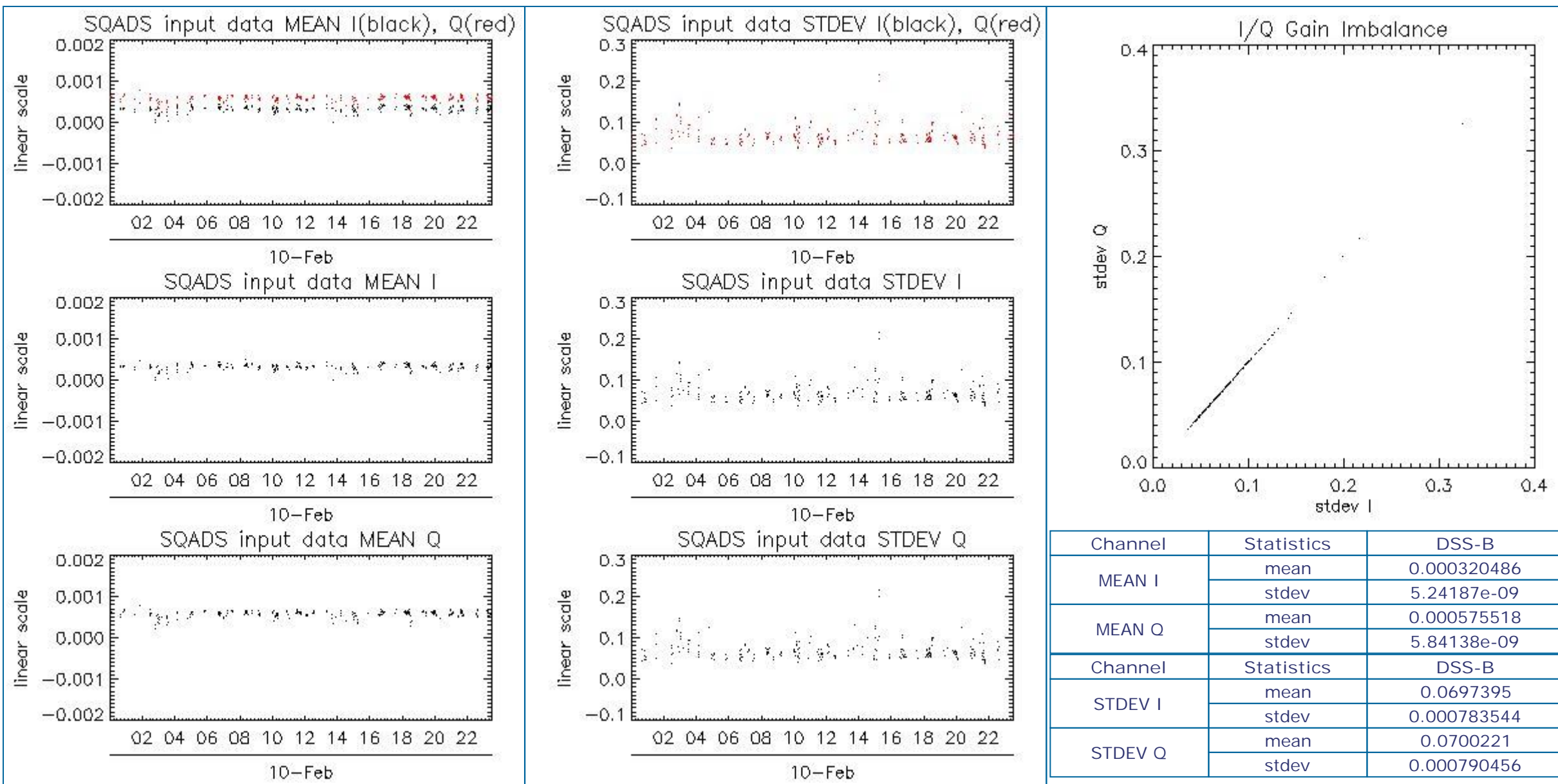


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000518869 |
|         | stdev      | 2.01827e-07 |
| MEAN Q  | mean       | 0.000499756 |
|         | stdev      | 2.27713e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.134698    |
|         | stdev      | 0.00111203  |
| STDEV Q | mean       | 0.135060    |
|         | stdev      | 0.00113388  |

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]



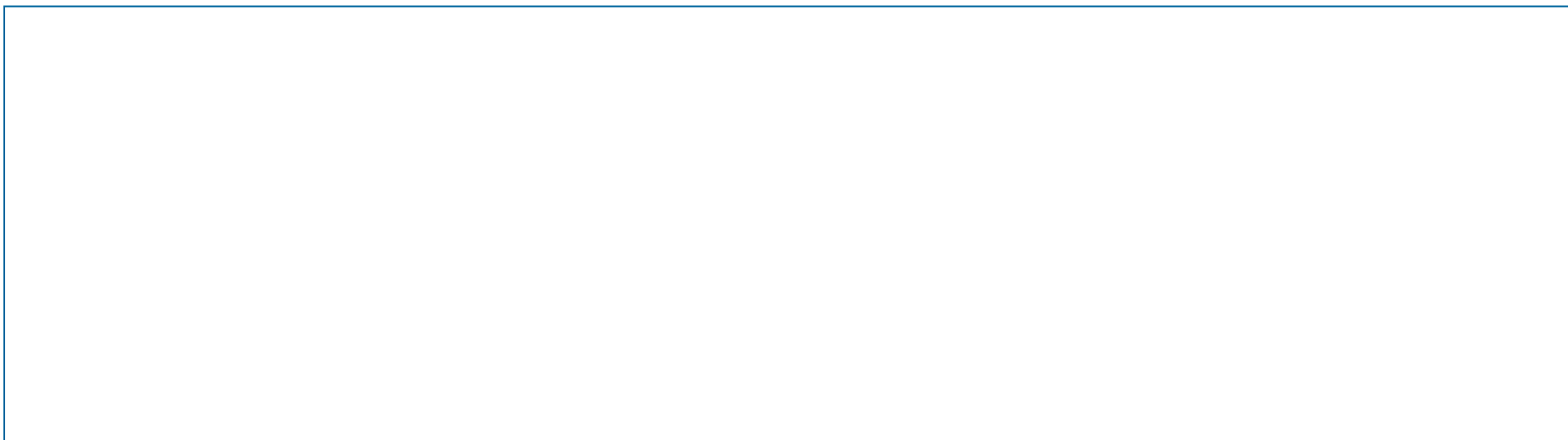


## 8 - TELEMETRY ANALYSIS

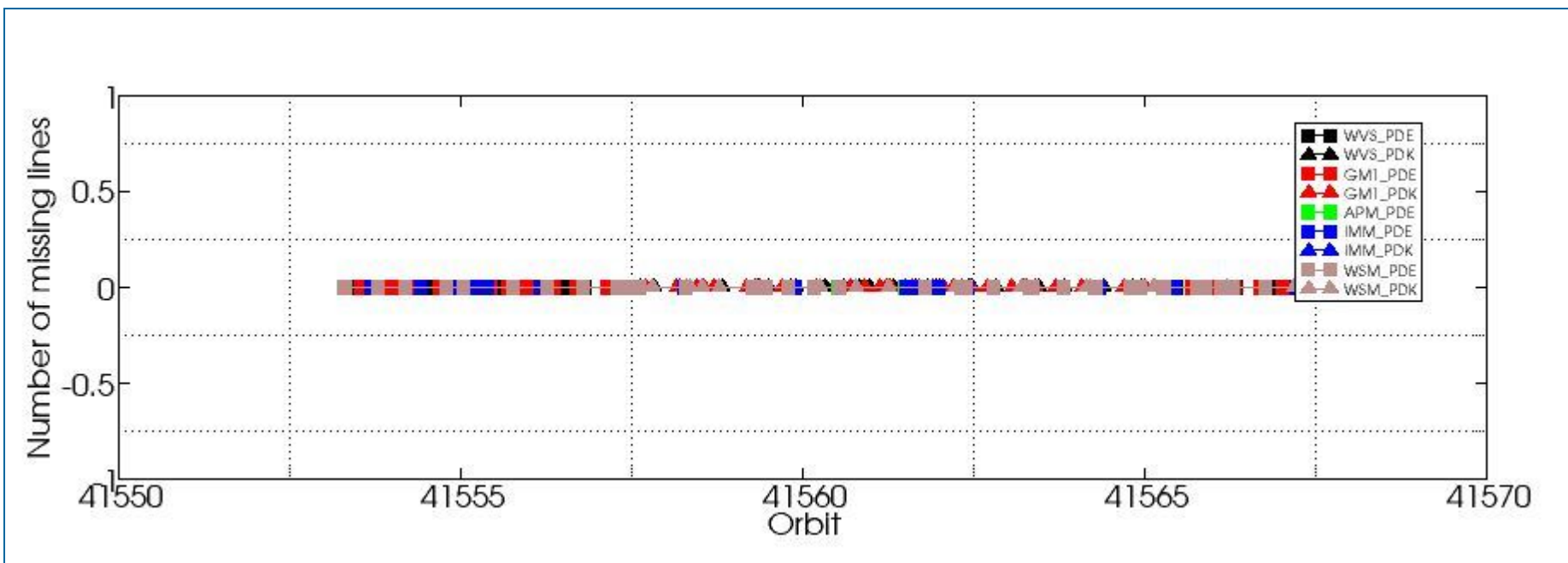
| Processing Center | Product                                                       | Gaps | Missing lines |
|-------------------|---------------------------------------------------------------|------|---------------|
| PDE               | ASA_IMM_1PNPDE20100210_143256_00000382086_00425_41561_0536.N1 | 1    | 0             |

### 8.1 - Number of Missing lines

[ BACK TO MENU ]

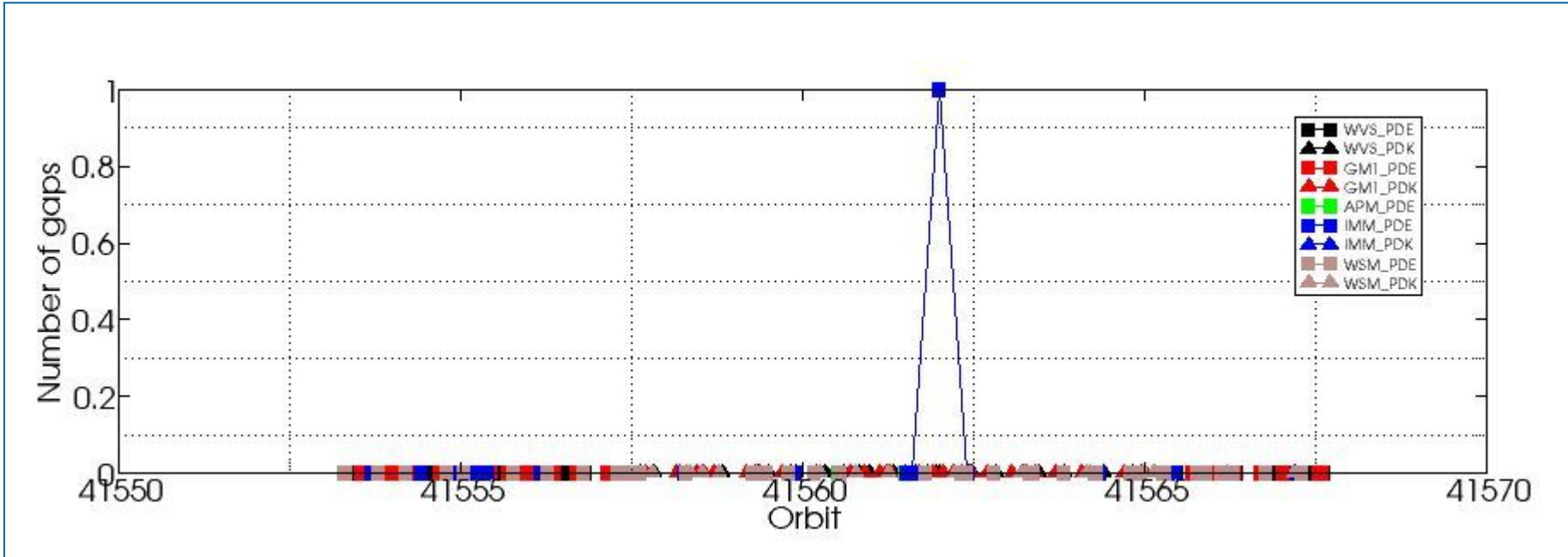






## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 100210  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100210/

DATA SUMMARY

#####  
Summary will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100210/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_100210/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100210/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100210/AUXILIARY

Creating directory ./RESULTS/DAILY/\_100210/AUXILIARY...

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





ADF filter 20100210\*current\_3\_IECF\_ADFs.txt  
 Found list 20100210\_030002\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20091217\_101713\_20070204\_165113\_20101231\_000000  
 ASA\_INS\_AXVIEC20091217\_114637\_20090428\_100000\_20101231\_235959  
 ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
 ASA\_XCA\_AXVIEC20091217\_114112\_20080801\_000000\_20101231\_235959

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_WVS.txt...

|                                                                |                                                      |
|----------------------------------------------------------------|------------------------------------------------------|
| ASA_WVS_1PNPDE20100210_000417_000010942086_00417_41553_0373.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_002822_000004952086_00417_41553_0372.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_005231_000003292086_00417_41553_0376.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_005701_000002992086_00417_41553_0390.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_010838_000008992086_00417_41553_0393.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_014909_000000592086_00418_41554_0394.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_015137_000004042086_00418_41554_0395.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_020034_000010042086_00418_41554_0397.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_023216_000003302086_00418_41554_0400.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_025531_000000742086_00419_41555_0404.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_033546_000001192086_00419_41555_0408.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_033731_000009142086_00419_41555_0429.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_035606_000001052086_00419_41555_0428.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_041142_000001052086_00419_41555_0425.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_041543_000010792086_00419_41555_0430.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_051508_000010792086_00420_41556_0432.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_053253_000003452086_00420_41556_0447.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_055207_000019492086_00420_41556_0458.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_070912_000000592086_00421_41557_0457.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_200914_000006142086_00429_41565_0548.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_202102_000013642086_00429_41565_0550.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_205835_000000292086_00429_41565_0552.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_205835_000002852086_00429_41565_0563.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_214928_000020992086_00430_41566_0566.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_224003_000003592086_00430_41566_0568.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_224503_000007492086_00430_41566_0579.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_230530_000004502086_00431_41567_0584.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_233218_000011092086_00431_41567_0582.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100210_235807_000004052086_00431_41567_0581.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_071331_000002402086_00421_41557_1165.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_073243_000020542086_00421_41557_1168.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_084723_000007352086_00422_41558_1191.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_091345_000020992086_00422_41558_1194.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_102142_000011092086_00423_41559_1219.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_105406_000003302086_00423_41559_1218.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_110156_000015592086_00423_41559_1221.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_114609_000010342086_00424_41560_1235.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_121259_000004802086_00424_41560_1237.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_123509_000003902086_00424_41560_1238.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_125017_000008282086_00424_41560_1241.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_132655_000008242086_00425_41561_1256.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_135842_000001652086_00425_41561_1258.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_141541_000004652086_00425_41561_1262.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_142819_000002392086_00425_41561_1261.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_143340_000003292086_00425_41561_1263.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_151639_000001642086_00426_41562_1276.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_152147_000012142086_00426_41562_1278.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100210_155618_000013492086_00426_41562_1281.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



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ASA_WVS_1PNPDK20100210_165939_000013792086_00427_41563_1297.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100210_173719_000014392086_00427_41563_1299.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100210_183429_000017242086_00428_41564_1316.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100210_191729_000005852086_00428_41564_1318.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100210_193047_000001642086_00428_41564_1320.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_GM1.txt...

```
ASA_GM1_1PNPDE20100210_002318_000003022086_00417_41553_0374.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_003914_000005012086_00417_41553_0375.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_010427_000002472086_00417_41553_0391.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_012425_000002712086_00418_41554_0392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_013206_000010212086_00418_41554_0396.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_021802_000005552086_00418_41554_0399.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_023829_000005012086_00418_41554_0398.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_024817_000002712086_00418_41554_0403.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_025938_000001202086_00419_41555_0402.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_030249_000004532086_00419_41555_0401.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_031111_000010632086_00419_41555_0405.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_033313_000001502086_00419_41555_0409.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_035840_000004712086_00419_41555_0427.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_041412_000000842086_00419_41555_0426.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_043422_000006952086_00420_41556_0424.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_044701_000006102086_00420_41556_0423.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_050647_000005012086_00420_41556_0431.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_053916_000005862086_00420_41556_0448.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_062523_000008642086_00421_41557_0450.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_064920_000005552086_00421_41557_0451.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_070023_000005252086_00421_41557_0456.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_200645_000001442086_00429_41565_0549.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_204435_000005012086_00429_41565_0551.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_210834_000010572086_00429_41565_0564.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_214814_000000662086_00430_41566_0565.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_222516_000004832086_00430_41566_0567.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_225817_000003322086_00431_41567_0586.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_232028_000003802086_00431_41567_0585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_235129_000003082086_00431_41567_0583.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100210_235642_000000782086_00431_41567_0587.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_071953_000005982086_00421_41557_1166.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_080741_000000782086_00422_41558_1167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_081130_000004042086_00422_41558_1169.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_083712_000004282086_00422_41558_1189.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_084609_000000662086_00422_41558_1190.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_090023_000005012086_00422_41558_1192.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_094923_000005792086_00423_41559_1193.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_100139_000002052086_00423_41559_1216.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_100843_000000662086_00423_41559_1217.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_104105_000006042086_00423_41559_1220.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_113347_000002352086_00424_41560_1222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_122136_000005132086_00424_41560_1236.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_124229_000004652086_00424_41560_1239.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_130443_000008102086_00425_41561_1240.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_131705_000000902086_00425_41561_1253.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_132035_000003802086_00425_41561_1254.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_134421_000005012086_00425_41561_1255.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_135332_000003082086_00425_41561_1257.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_140214_000006282086_00425_41561_1259.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_142409_000002472086_00425_41561_1260.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_143948_000009672086_00426_41562_1264.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_145438_000001022086_00426_41562_1274.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_150553_000004162086_00426_41562_1275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_152009_000000902086_00426_41562_1277.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20100210_154250_000006162086_00426_41562_1279.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_161939_000008342086_00427_41563_1280.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_163741_000006662086_00427_41563_1294.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_164240_000001752086_00427_41563_1295.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_165410_000003262086_00427_41563_1296.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_172326_000007072086_00427_41563_1298.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_180155_000004162086_00428_41564_1300.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_190402_000006282086_00428_41564_1317.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100210_193411_000007432086_00428_41564_1319.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20100210_030144_00000432086_00419_41555_0420.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100210_120410_00000622086_00424_41560_0520.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100210_134118_000001232086_00425_41561_0532.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20100210_003728_00000992086_00417_41553_0367.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_015053_00000372086_00418_41554_0388.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_024650_00000792086_00418_41554_0417.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_025717_000001292086_00419_41555_0419.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_031021_00000362086_00419_41555_0421.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_032854_000002522086_00419_41555_0407.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_044555_00000512086_00420_41556_0441.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_081811_00000682086_00422_41558_0474.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_110018_00000922086_00423_41559_0518.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_134335_00000382086_00425_41561_0533.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_135244_00000382086_00425_41561_0534.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_143256_00000382086_00425_41561_0536.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_151425_000001232086_00426_41562_0539.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_182905_000003182086_00428_41564_0546.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_202008_00000462086_00429_41565_0561.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100210_231736_000001652086_00431_41567_0596.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100210_100707_00000852086_00423_41559_1204.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100210_231631_00000922086_00431_41567_1341.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_100210/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20100210_004744_000002882086_00417_41553_0383.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_012904_000001772086_00418_41554_0387.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_022721_000002942086_00418_41554_0416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_025403_00000862086_00419_41555_0418.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_040639_000003062086_00419_41555_0440.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_045715_000005692086_00420_41556_0422.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_054908_000001412086_00420_41556_0446.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_063952_000005632086_00421_41557_0453.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_065842_00000982086_00421_41557_0455.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_071104_000001472086_00421_41557_0454.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100210_081945_000002392086_00422_41558_0476.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



|                                                                |                                                      |
|----------------------------------------------------------------|------------------------------------------------------|
| ASA_WSM_1PNPDE20100210_095911_000001412086_00423_41559_0493.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_101002_000005082086_00423_41559_0494.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_101918_000001472086_00423_41559_0495.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_105118_000001712086_00423_41559_0517.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_112835_000003062086_00424_41560_0519.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_120525_000003062086_00424_41560_0521.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_141316_000001472086_00425_41561_0535.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_150421_000000862086_00426_41562_0537.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_151255_000000922086_00426_41562_0538.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_155314_000001842086_00426_41562_0531.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_164539_000001842086_00427_41563_0541.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_165002_000002452086_00427_41563_0542.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_173516_000001222086_00427_41563_0540.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_182044_000001772086_00428_41564_0543.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_182402_000002692086_00428_41564_0545.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_191505_000001472086_00428_41564_0544.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_192804_000001652086_00428_41564_0547.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_200145_000000982086_00429_41565_0559.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_200354_000001712086_00429_41565_0560.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_205304_000003302086_00429_41565_0558.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_210400_000002692086_00429_41565_0562.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_212704_000000982086_00430_41566_0576.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_213952_000002022086_00430_41566_0577.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_214358_000002452086_00430_41566_0578.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_223324_000003982086_00430_41566_0575.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20100210_232652_000002812086_00431_41567_0597.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_072957_000001532086_00421_41557_1177.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_082227_000002692086_00422_41558_1179.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_082723_000001162086_00422_41558_1180.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_084427_000000982086_00422_41558_1196.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_090848_000002942086_00422_41558_1203.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_100512_000000922086_00423_41559_1205.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_113750_000005022086_00424_41560_1229.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_123013_000003002086_00424_41560_1248.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_131846_000001102086_00425_41561_1245.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_145630_000004592086_00426_41562_1268.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_163338_000002392086_00427_41563_1287.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_163901_000002142086_00427_41563_1288.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_180857_000003922086_00428_41564_1308.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_181619_000003062086_00428_41564_1309.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_194900_000000982086_00429_41565_1327.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_195118_000005872086_00429_41565_1329.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_213526_000003062086_00430_41566_1333.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20100210_231342_000001652086_00431_41567_1340.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100210/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_100210/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_100210/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

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Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE...



Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
Test product: ASA\_MS\_\_0PNPDK20100210\_071817\_000000162086\_00421\_41557\_0977.N1  
H  
H  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20100210\_071817-20050922\_062651.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20100210\_071817-20050922\_062651.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20100210\_071817-20050922\_062651.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20100210\_071817-20050922\_062651.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
Test product: ASA\_MS\_\_0PNPDE20100209\_042842\_000000162086\_00405\_41541\_0504.N1  
V  
V  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20100209\_042842-20050923\_055514.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20100209\_042842-20050923\_055514.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20100209\_042842-20050923\_055514.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20100209\_042842-20050923\_055514.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDE20100208\_050019\_000000162086\_00391\_41527\_0503.N1  
Test product: ASA\_MS\_\_0PNPDK20100210\_071817\_000000162086\_00421\_41557\_0977.N1  
H  
H  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20100210\_071817-20100208\_050019.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20100210\_071817-20100208\_050019.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20100210\_071817-20100208\_050019.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20100210\_071817-20100208\_050019.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20100205\_063511\_000000162086\_00349\_41485\_0975.N1  
Test product: ASA\_MS\_\_0PNPDE20100209\_042842\_000000162086\_00405\_41541\_0504.N1  
V  
V  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20100209\_042842-20100205\_063511.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20100209\_042842-20100205\_063511.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20100209\_042842-20100205\_063511.png  
../../../../RESULTS/DAILY/\_100210/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20100209\_042842-20100205\_063511.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...



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TEMPORAL EVOLUTION Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-02-10\_1.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-02-10\_2.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-02-10\_3.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-02-10\_4.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_100210//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 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-02-10\_1.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-02-10\_2.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-02-10\_3.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-02-10 00:00:00 to 2010-02-10 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100210/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-02-10\_4.dat...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_100210//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_100210/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-02-10.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100210/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-02-10.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100210/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...  
Writing file ./RESULTS/DAILY/\_100210/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-02-10.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100210/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_100210/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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DOPPLER MAP Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 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 = -33.162774 Hz  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -38.462472 Hz  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_100210//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 = -26.446290 Hz  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.337869 Hz  
Writing file ../../RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../.././RESULTS/DAILY/\_100210//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

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DOPPLER ANALYSIS completed

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CHIRP ANALYSIS

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Creating directory ./RESULTS/DAILY/\_100210/CHIRP...

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CHIRP Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Analysing products WSM SS1 H/H

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Getting ScaleFactor data for WSM SS1 H/H from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...

Writing file ./RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2010-02-10.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../.././RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

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Getting ScaleFactor data for WSM SS1 V/V from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...

Writing file ./RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2010-02-10.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../.././RESULTS/DAILY/\_100210/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100210/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_100210/RAW\_DATA...

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Getting raw data for WVS from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...

Writing file ./RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_WVS\_2010-02-10.dat...

Running IDL program to create graphs...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

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Getting raw data for IMM from 2010-02-10 00:00:00 to 2010-02-10 23:59:59...

Writing file ./RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_IMM\_2010-02-10.dat...

Running IDL program to create graphs...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...

Creating image ../.././RESULTS/DAILY/\_100210/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...



RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-02-10 00:00:00 to 2010-02-10 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100210/TELEMETRY

Creating directory ./RESULTS/DAILY/\_100210/TELEMETRY...

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

\*\*\*\*\*

Checking 29 products from PDE...  
Checking 24 products from PDK...

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

\*\*\*\*\*

Checking 30 products from PDE...  
Checking 33 products from PDK...

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

\*\*\*\*\*

Checking 3 products from PDE...  
No products from PDK...

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

\*\*\*\*\*

Checking 16 products from PDE...  
Found product...ASA\_IMM\_1PNPDE20100210\_143256\_00000382086\_00425\_41561\_0536.N1 / 1 gaps / 0 missing lines  
Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 38 products from PDE...  
Checking 18 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_100210/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_100210/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2010-02-10

\*\*\*\*\*

Scanning directory /nfs-store/ASAR\_Data//ASA\_GM\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_GM\_BP/JPG/20100210/

Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_002318\_000003022086\_00417\_41553\_0374.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_003914\_000005012086\_00417\_41553\_0375.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_010427\_000002472086\_00417\_41553\_0391.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_012425\_000002712086\_00418\_41554\_0392.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_013206\_000010212086\_00418\_41554\_0396.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_021802\_000005552086\_00418\_41554\_0399.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_023829\_000005012086\_00418\_41554\_0398.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_024817\_000002712086\_00418\_41554\_0403.N1 ...

Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_025938\_000001202086\_00419\_41555\_0402.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_030249\_000004532086\_00419\_41555\_0401.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_031111\_000010632086\_00419\_41555\_0405.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_033313\_000001502086\_00419\_41555\_0409.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_035840\_000004712086\_00419\_41555\_0427.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_041412\_000000842086\_00419\_41555\_0426.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_043422\_000006952086\_00420\_41556\_0424.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_044701\_000006102086\_00420\_41556\_0423.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_050647\_000005012086\_00420\_41556\_0431.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_053916\_000005862086\_00420\_41556\_0448.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_062523\_000008642086\_00421\_41557\_0450.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_064920\_000005552086\_00421\_41557\_0451.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDE20100210\_070023\_000005252086\_00421\_41557\_0456.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_071953\_000005982086\_00421\_41557\_1166.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_080741\_000000782086\_00422\_41558\_1167.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_081130\_000004042086\_00422\_41558\_1169.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_083712\_000004282086\_00422\_41558\_1189.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_084609\_000000662086\_00422\_41558\_1190.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_090023\_000005012086\_00422\_41558\_1192.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_094923\_000005792086\_00423\_41559\_1193.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_100139\_000002052086\_00423\_41559\_1216.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_100843\_000000662086\_00423\_41559\_1217.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_104105\_000006042086\_00423\_41559\_1220.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_113347\_000002352086\_00424\_41560\_1222.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_122136\_000005132086\_00424\_41560\_1236.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_124229\_000004652086\_00424\_41560\_1239.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_130443\_000008102086\_00425\_41561\_1240.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_131705\_000000902086\_00425\_41561\_1253.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_132035\_000003802086\_00425\_41561\_1254.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_134421\_000005012086\_00425\_41561\_1255.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_135332\_000003082086\_00425\_41561\_1257.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_140214\_000006282086\_00425\_41561\_1259.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_142409\_000002472086\_00425\_41561\_1260.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_143948\_000009672086\_00426\_41562\_1264.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_145438\_000001022086\_00426\_41562\_1274.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_150553\_000004162086\_00426\_41562\_1275.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_152009\_000000902086\_00426\_41562\_1277.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_154250\_000006162086\_00426\_41562\_1279.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_161939\_000008342086\_00427\_41563\_1280.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_163741\_000000662086\_00427\_41563\_1294.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_164240\_000001752086\_00427\_41563\_1295.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_165410\_000003262086\_00427\_41563\_1296.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_172326\_000007072086\_00427\_41563\_1298.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_180155\_000004162086\_00428\_41564\_1300.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_190402\_000006282086\_00428\_41564\_1317.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_GM\_BP/ASA\_GM\_BPZPDK20100210\_193411\_000007432086\_00428\_41564\_1319.N1 ...

ANALYSIS COMPLETED: 54 GM browse products to see...

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Scanning directory /nfs-store/ASAR\_Data//ASA\_AP\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_AP\_BP/JPG/20100210/

Stripping browse product /nfs-store/ASAR\_Data//ASA\_AP\_BP/ASA\_AP\_BPZPDE20100210\_030144\_00000432086\_00419\_41555\_0420.N1 ...

ANALYSIS COMPLETED: 1 AP browse products to see...

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Scanning directory /nfs-store/ASAR\_Data//ASA\_IM\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_IM\_BP/JPG/20100210/

Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_003728\_000000982086\_00417\_41553\_0367.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_015053\_000000372086\_00418\_41554\_0388.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_024650\_000000792086\_00418\_41554\_0417.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_025717\_000001292086\_00419\_41555\_0419.N1 ...  
Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_031021\_000000362086\_00419\_41555\_0421.N1 ...





Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_032854\_000002522086\_00419\_41555\_0407.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_044555\_000000512086\_00420\_41556\_0441.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDE20100210\_081811\_000000682086\_00422\_41558\_0474.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_IM\_BP/ASA\_IM\_BPZPDK20100210\_100707\_000000852086\_00423\_41559\_1204.N1 ...

ANALYSIS COMPLETED: 9 IM browse products to see...

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Scanning directory /nfs-store/ASAR\_Data//ASA\_WS\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_WS\_BP/JPG/20100210/

Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_004744\_000002872086\_00417\_41553\_0383.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_012904\_000001772086\_00418\_41554\_0387.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_015905\_000000862086\_00418\_41554\_0389.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_022721\_000002942086\_00418\_41554\_0416.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_025403\_000000862086\_00419\_41555\_0418.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_040639\_000003062086\_00419\_41555\_0440.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_045715\_000005692086\_00420\_41556\_0422.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_054908\_000001412086\_00420\_41556\_0446.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_063952\_000005632086\_00421\_41557\_0453.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_065842\_000000982086\_00421\_41557\_0455.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_071104\_000001472086\_00421\_41557\_0454.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDE20100210\_081945\_000002382086\_00422\_41558\_0476.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_072957\_000001532086\_00421\_41557\_1177.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_082227\_000002692086\_00422\_41558\_1179.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_082723\_000001162086\_00422\_41558\_1180.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_084427\_000000982086\_00422\_41558\_1196.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_090848\_000002942086\_00422\_41558\_1203.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_100512\_000000922086\_00423\_41559\_1205.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_113750\_000005022086\_00424\_41560\_1229.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_123013\_000003002086\_00424\_41560\_1248.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_131846\_000001102086\_00425\_41561\_1245.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_145630\_000004592086\_00426\_41562\_1268.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_163338\_000002382086\_00427\_41563\_1287.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_163901\_000002142086\_00427\_41563\_1288.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_180857\_000003912086\_00428\_41564\_1308.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_181619\_000003062086\_00428\_41564\_1309.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_194900\_000000982086\_00429\_41565\_1327.N1 ...  
 Stripping browse product /nfs-store/ASAR\_Data//ASA\_WS\_BP/ASA\_WS\_BPZPDK20100210\_195118\_000005872086\_00429\_41565\_1329.N1 ...

ANALYSIS COMPLETED: 28 WS browse products to see...

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BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_100210/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

#####







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

| Product                                                        | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|----------------------------------------------------------------|---------|---------|---------|---------|
| ASA_APM_1PNPDE20100210_030144_000000432086_00419_41555_0420.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20100210_120410_000000622086_00424_41560_0520.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20100210_134118_000001232086_00425_41561_0532.N1 | OK      | OK      | OK      | OK      |



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

| Product                                                        | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|----------------------------------------------------------------|---------|---------|---------|---------|----|----|----|----|
| ASA_GM1_1PNPDE20100210_002318_000003022086_00417_41553_0374.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_003914_000005012086_00417_41553_0375.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_010427_000002472086_00417_41553_0391.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_012425_000002712086_00418_41554_0392.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_013206_000010212086_00418_41554_0396.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_021802_000005552086_00418_41554_0399.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_023829_000005012086_00418_41554_0398.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_024817_000002712086_00418_41554_0403.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_025938_000001202086_00419_41555_0402.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_030249_000004532086_00419_41555_0401.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_031111_000010632086_00419_41555_0405.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_033313_000001502086_00419_41555_0409.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_035840_000004712086_00419_41555_0427.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_041412_000000842086_00419_41555_0426.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_043422_000006952086_00420_41556_0424.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_044701_000006102086_00420_41556_0423.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_050647_000005012086_00420_41556_0431.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_053916_000005862086_00420_41556_0448.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_062523_000008642086_00421_41557_0450.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_064920_000005552086_00421_41557_0451.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_070023_000005252086_00421_41557_0456.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_200645_000001442086_00429_41565_0549.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_204435_000005012086_00429_41565_0551.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_210834_000010572086_00429_41565_0564.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_214814_000000662086_00430_41566_0565.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_222516_000004832086_00430_41566_0567.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_225817_000003322086_00431_41567_0586.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_232028_000003802086_00431_41567_0585.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_235129_000003082086_00431_41567_0583.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100210_235642_000000782086_00431_41567_0587.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_071953_000005982086_00421_41557_1166.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_080741_000000782086_00422_41558_1167.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_081130_000004042086_00422_41558_1169.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_083712_000004282086_00422_41558_1189.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_084609_000000662086_00422_41558_1190.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_090023_000005012086_00422_41558_1192.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_094923_000005792086_00423_41559_1193.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_100139_000002052086_00423_41559_1216.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_100843_000000662086_00423_41559_1217.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_104105_000006042086_00423_41559_1220.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_113347_000002352086_00424_41560_1222.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_122136_000005132086_00424_41560_1236.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_124229_000004652086_00424_41560_1239.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_130443_000008102086_00425_41561_1240.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_131705_000000902086_00425_41561_1253.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_132035_000003802086_00425_41561_1254.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_134421_000005012086_00425_41561_1255.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_135332_000003082086_00425_41561_1257.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_140214_000006282086_00425_41561_1259.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_142409_000002472086_00425_41561_1260.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_143948_000009672086_00426_41562_1264.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_145438_000001022086_00426_41562_1274.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_150553_000004162086_00426_41562_1275.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_152009_000000902086_00426_41562_1277.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_154250_000006162086_00426_41562_1279.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_161939_000008342086_00427_41563_1280.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_163741_000000662086_00427_41563_1294.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_164240_000001752086_00427_41563_1295.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_165410_000003262086_00427_41563_1296.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_172326_000007072086_00427_41563_1298.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_180155_000004162086_00428_41564_1300.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_190402_000006282086_00428_41564_1317.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100210_193411_000007432086_00428_41564_1319.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_1PNPDE20100210_003728_000000992086_00417_41553_0367.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_015053_000000372086_00418_41554_0388.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_024650_000000792086_00418_41554_0417.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_025717_000001292086_00419_41555_0419.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_031021_000000362086_00419_41555_0421.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_032854_000002522086_00419_41555_0407.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_044555_000000512086_00420_41556_0441.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_081811_000000682086_00422_41558_0474.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_110018_000000922086_00423_41559_0518.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_134335_000000382086_00425_41561_0533.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_135244_000000382086_00425_41561_0534.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_143256_000000382086_00425_41561_0536.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_151425_000001232086_00426_41562_0539.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_182905_000003182086_00428_41564_0546.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_202008_000000462086_00429_41565_0561.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20100210_231736_000001652086_00431_41567_0596.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20100210_100707_000000852086_00423_41559_1204.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20100210_231631_000000922086_00431_41567_1341.N1 |         |         |         |         | OK | OK | OK | OK |



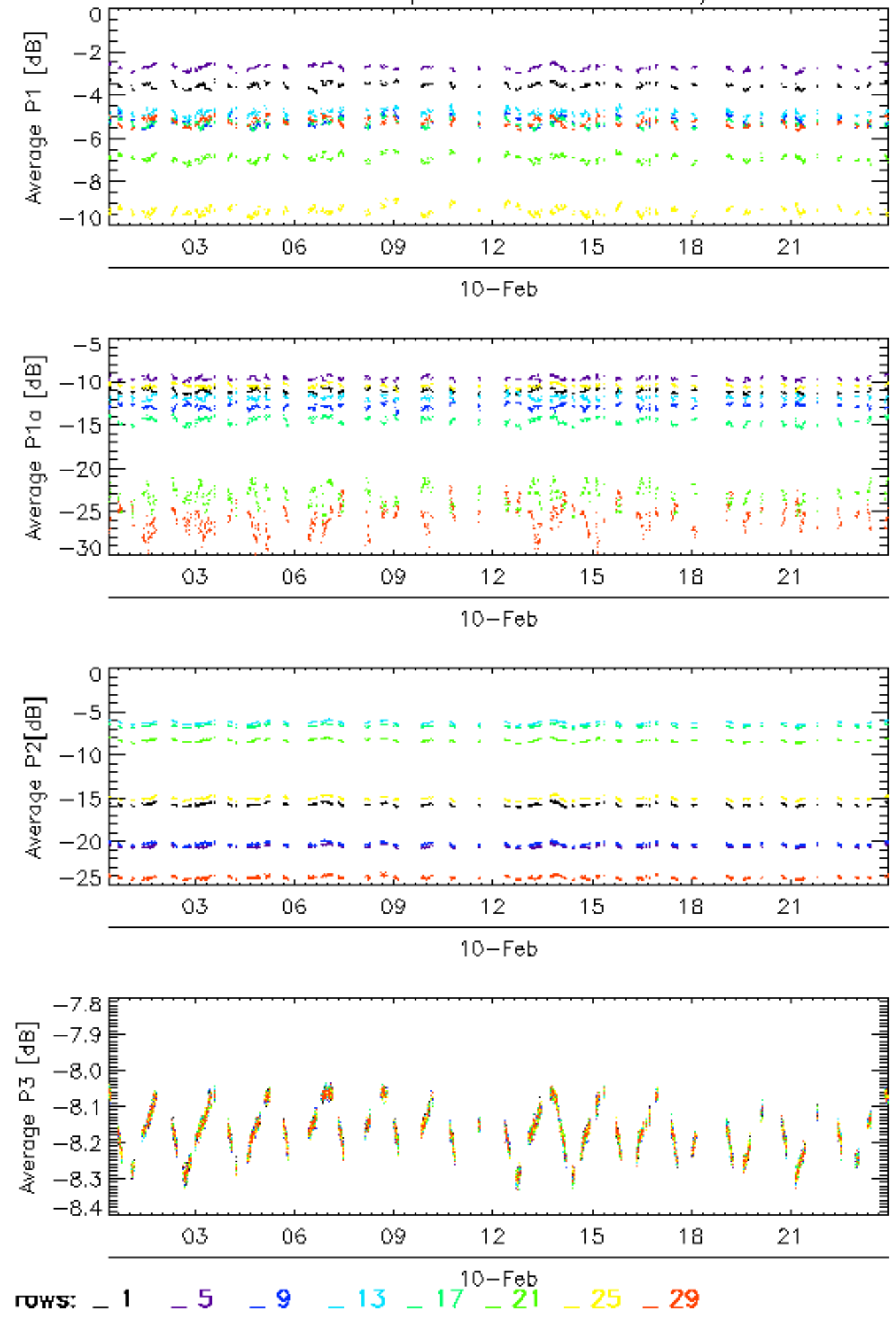
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product                                                        | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|----------------------------------------------------------------|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20100210_004744_000002882086_00417_41553_0383.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_012904_000001772086_00418_41554_0387.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_022721_000002942086_00418_41554_0416.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_025403_000000862086_00419_41555_0418.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_040639_000003062086_00419_41555_0440.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_045715_000005692086_00420_41556_0422.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_054908_000001412086_00420_41556_0446.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_063952_000005632086_00421_41557_0453.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_065842_000000982086_00421_41557_0455.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_071104_000001472086_00421_41557_0454.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_081945_000002392086_00422_41558_0476.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_095911_000001412086_00423_41559_0493.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_101002_000005082086_00423_41559_0494.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_101918_000001472086_00423_41559_0495.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_105118_000001712086_00423_41559_0517.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_112835_000003062086_00424_41560_0519.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_120525_000003062086_00424_41560_0521.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_141316_000001472086_00425_41561_0535.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_150421_000000862086_00426_41562_0537.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_151255_000000922086_00426_41562_0538.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_155314_000001842086_00426_41562_0531.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_164539_000001842086_00427_41563_0541.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_165002_000002452086_00427_41563_0542.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_173516_000001222086_00427_41563_0540.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_182044_000001772086_00428_41564_0543.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_182402_000002692086_00428_41564_0545.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_191505_000001472086_00428_41564_0544.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_192804_000001652086_00428_41564_0547.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_200145_000000982086_00429_41565_0559.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_200354_000001712086_00429_41565_0560.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_205304_000003302086_00429_41565_0558.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_210400_000002692086_00429_41565_0562.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_212704_000000982086_00430_41566_0576.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_213952_000002022086_00430_41566_0577.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_214358_000002452086_00430_41566_0578.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_223324_000003982086_00430_41566_0575.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100210_232652_000002812086_00431_41567_0597.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_072957_000001532086_00421_41557_1177.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_082227_000002692086_00422_41558_1179.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_082723_000001162086_00422_41558_1180.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_084427_000000982086_00422_41558_1196.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_090848_000002942086_00422_41558_1203.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_100512_000000922086_00423_41559_1205.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_113750_000005022086_00424_41560_1229.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_123013_000003002086_00424_41560_1248.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_131846_000001102086_00425_41561_1245.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_145630_000004592086_00426_41562_1268.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_163338_000002392086_00427_41563_1287.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_163901_000002142086_00427_41563_1288.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_180857_000003922086_00428_41564_1308.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_181619_000003062086_00428_41564_1309.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_194900_000000982086_00429_41565_1327.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_195118_000005872086_00429_41565_1329.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_213526_000003062086_00430_41566_1333.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100210_231342_000001652086_00431_41567_1340.N1 |         |         |         |         | OK | OK | OK | OK |

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

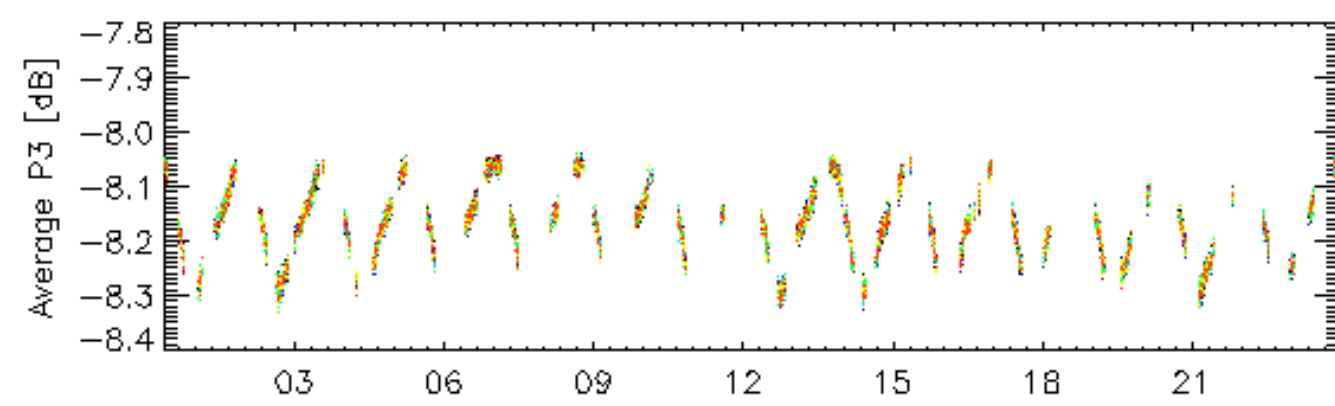
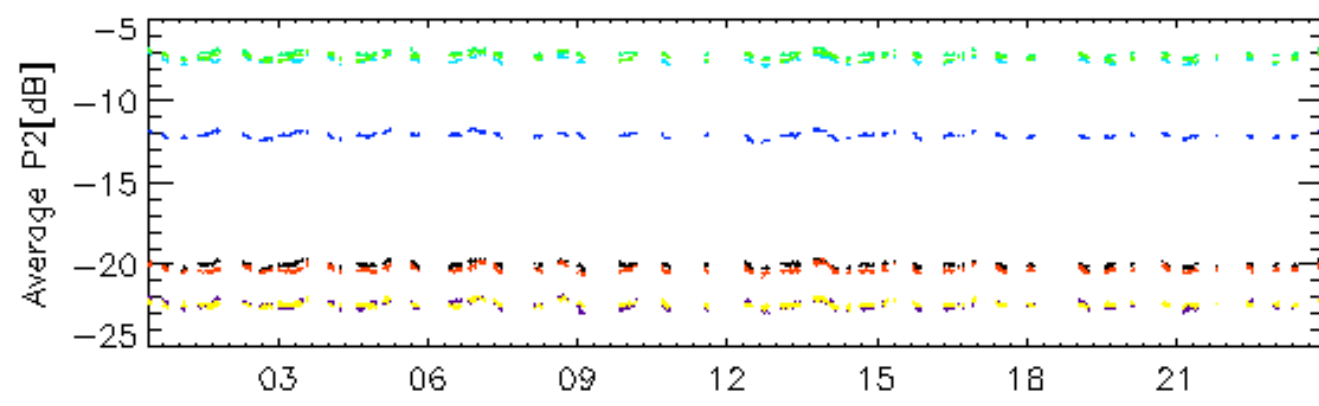
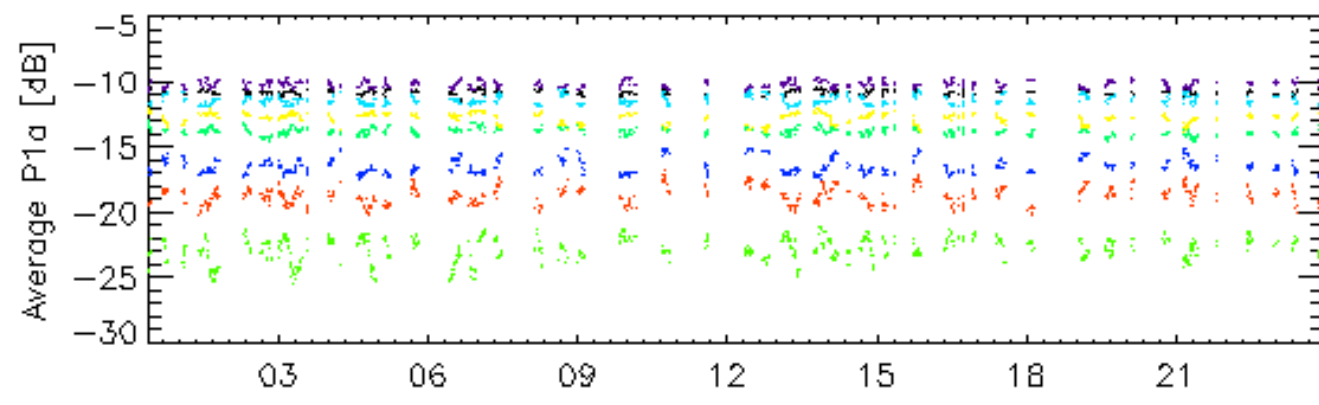
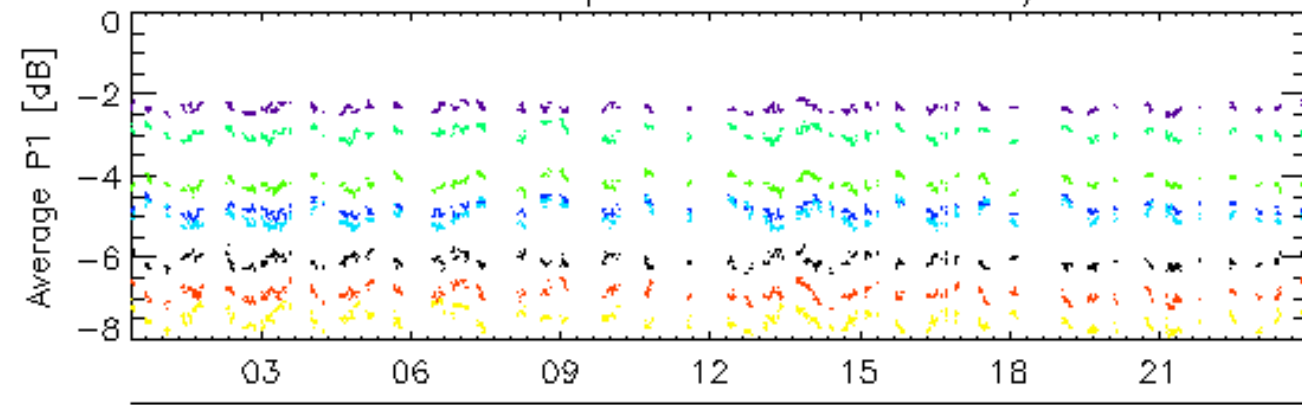
| Product                                                        | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|----------------------------------------------------------------|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20100210_000417_000010942086_00417_41553_0373.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_002822_000004952086_00417_41553_0372.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_005231_000003292086_00417_41553_0376.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_005701_000002992086_00417_41553_0390.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_010838_000008992086_00417_41553_0393.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_014909_000000592086_00418_41554_0394.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_015137_000004042086_00418_41554_0395.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_020034_000010042086_00418_41554_0397.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_023216_000003302086_00418_41554_0400.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_025531_000000742086_00419_41555_0404.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_033546_000001192086_00419_41555_0408.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_033731_000009142086_00419_41555_0429.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_035606_000001052086_00419_41555_0428.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_041142_000001052086_00419_41555_0425.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_041543_000010792086_00419_41555_0430.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_051508_000010792086_00420_41556_0432.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_053253_000003452086_00420_41556_0447.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_055207_000019492086_00420_41556_0458.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_070912_000000592086_00421_41557_0457.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_200914_000006142086_00429_41565_0548.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_202102_000013642086_00429_41565_0550.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_205835_000000292086_00429_41565_0552.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_205835_000002852086_00429_41565_0563.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_214928_000020992086_00430_41566_0566.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100210_224003_000003592086_00430_41566_0568.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDE20100210_230530_000004502086_00431_41567_0584.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20100210_073243_000020542086_00421_41557_1168.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20100210_125017_000008282086_00424_41560_1241.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_132655_000008242086_00425_41561_1256.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_135842_000001652086_00425_41561_1258.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_141541_000004652086_00425_41561_1262.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_142819_000002392086_00425_41561_1261.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_143340_000003292086_00425_41561_1263.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_151639_000001642086_00426_41562_1276.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_152147_000012142086_00426_41562_1278.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_155618_000013492086_00426_41562_1281.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_165939_000013792086_00427_41563_1297.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_173719_000014392086_00427_41563_1299.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_183429_000017242086_00428_41564_1316.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100210_191729_000005852086_00428_41564_1318.N1 |         |         |         |         | OK | OK | OK | OK |
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### Calibration pulses for GM1 SS3 H/H



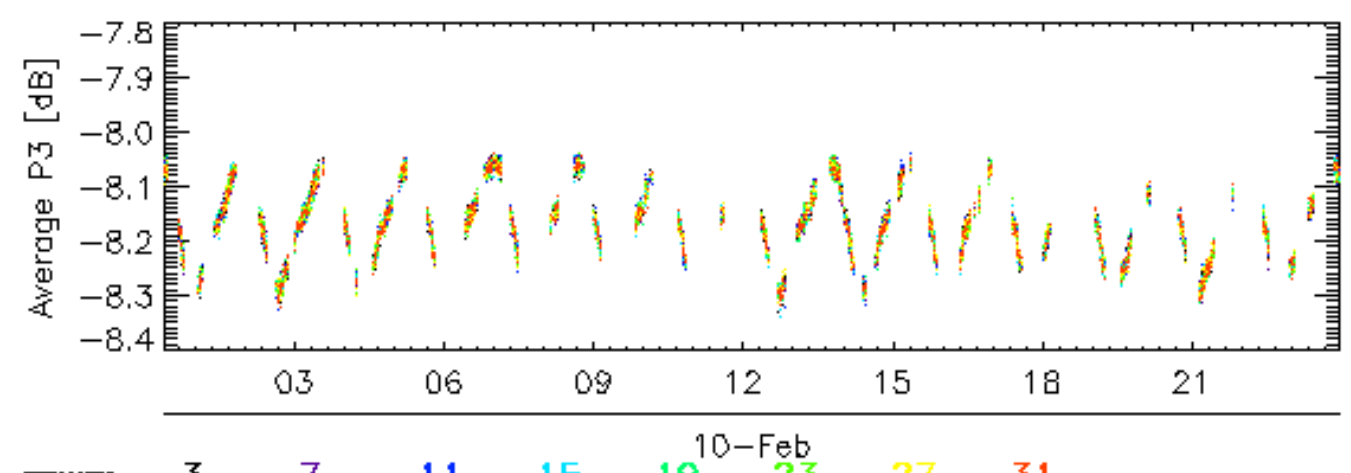
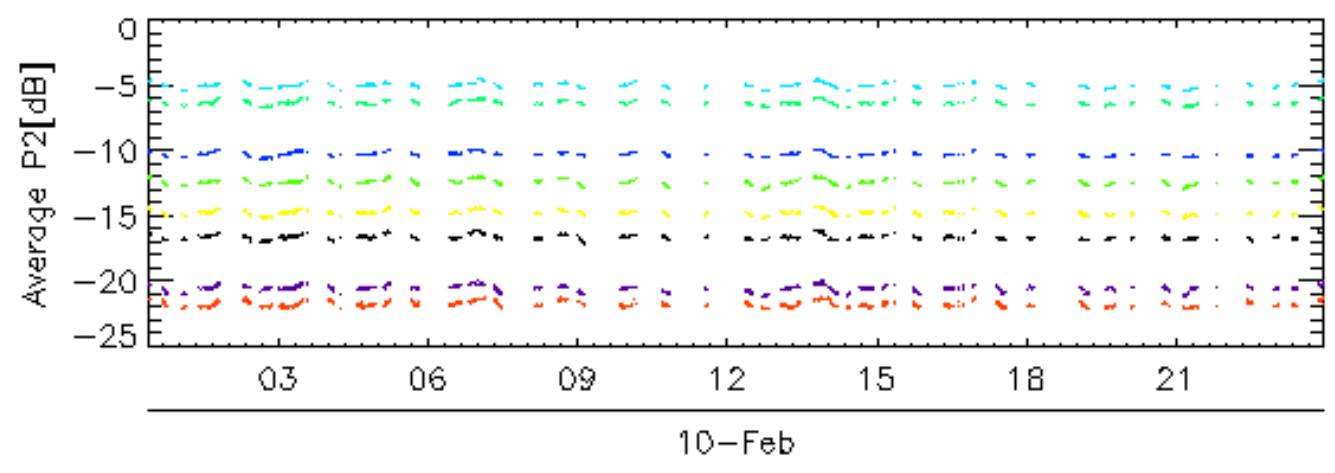
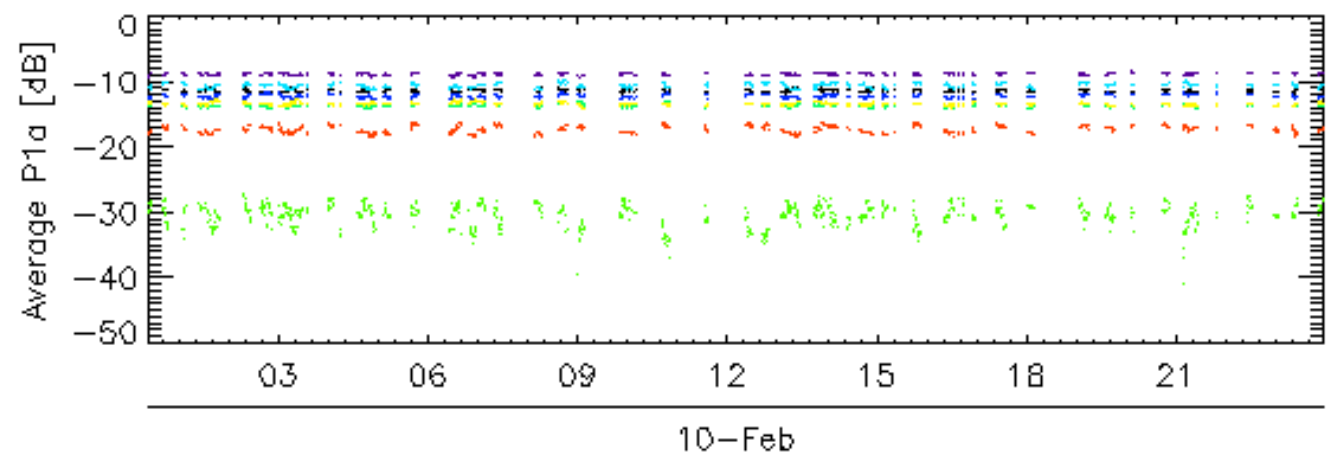
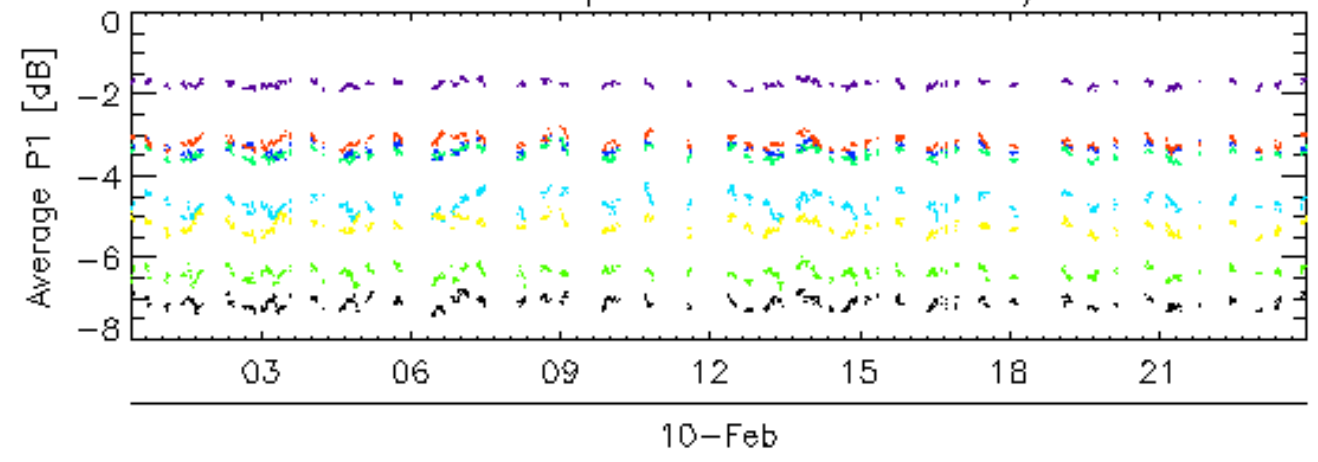


Calibration pulses for GM1 SS3 H/H



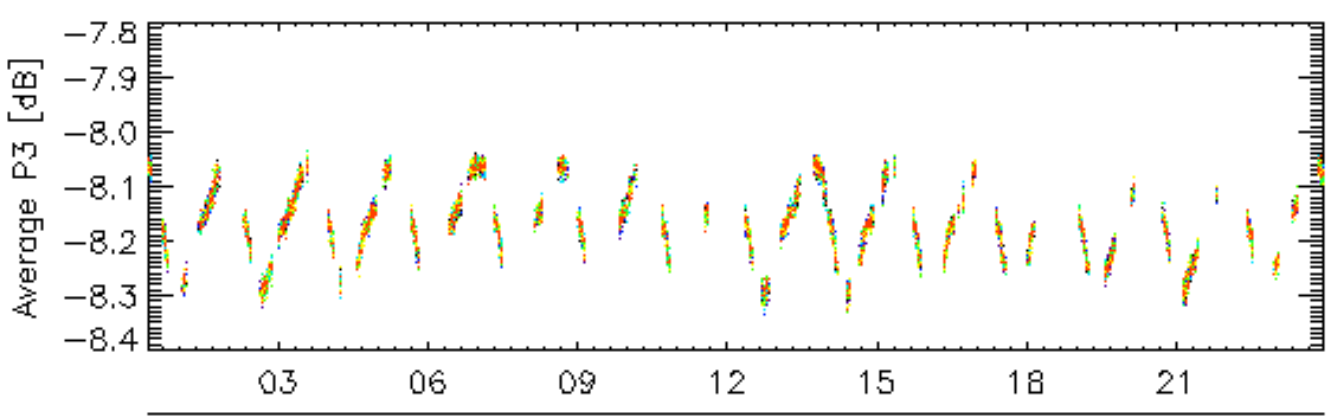
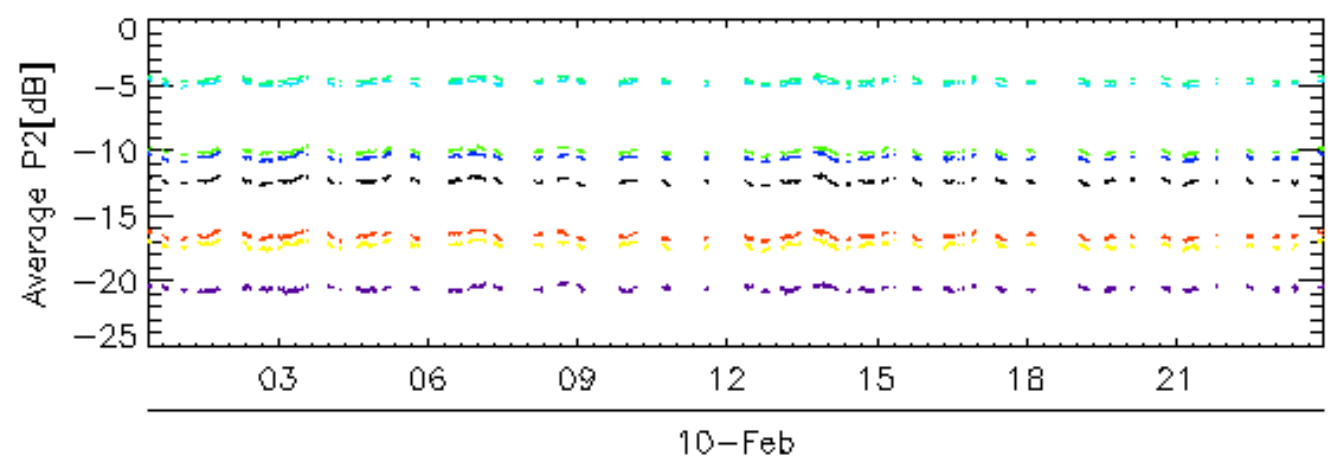
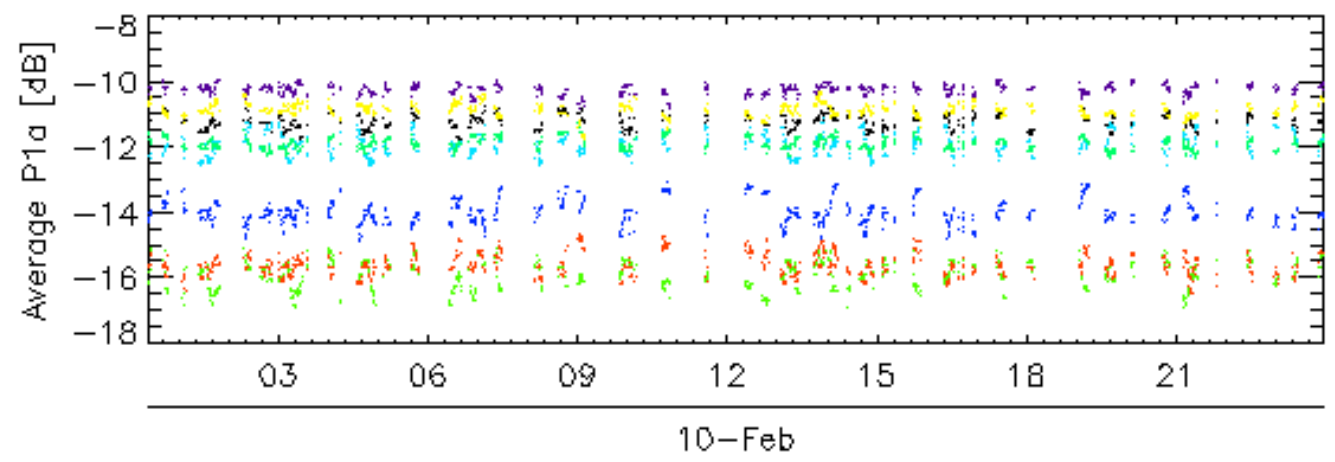
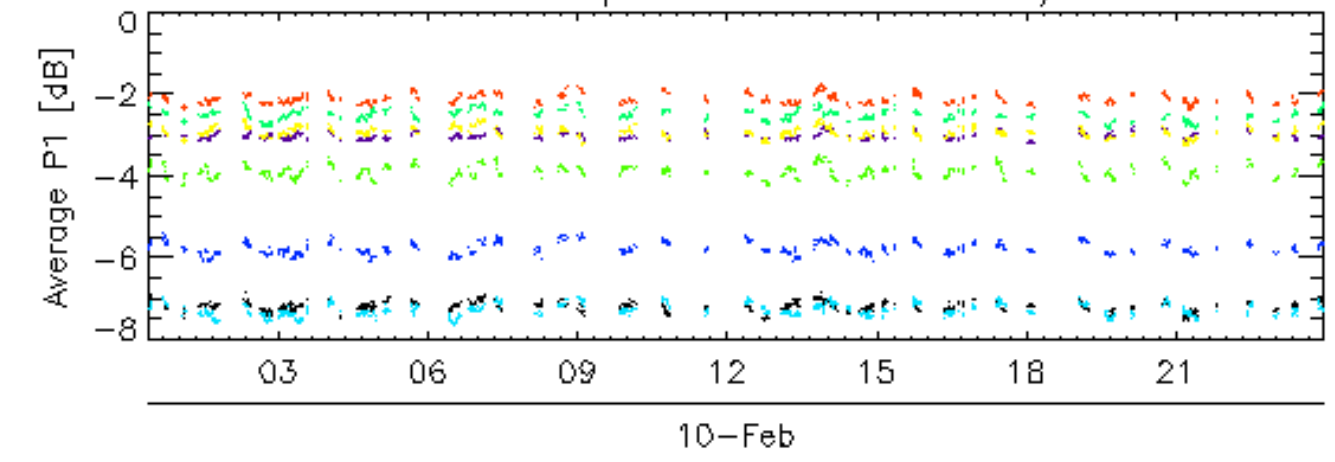
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Calibration pulses for GM1 SS3 H/H



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

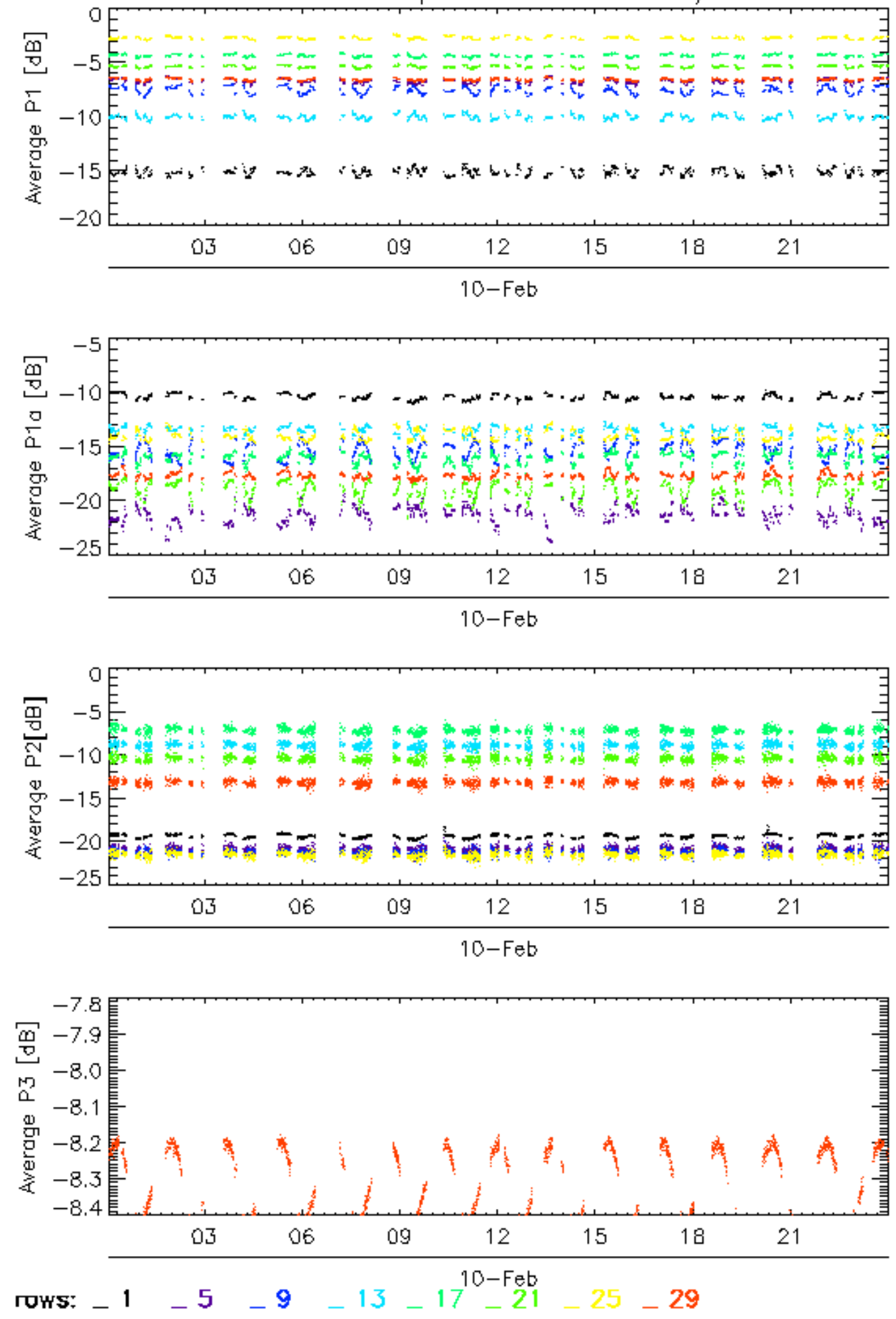
Calibration pulses for GM1 SS3 H/H



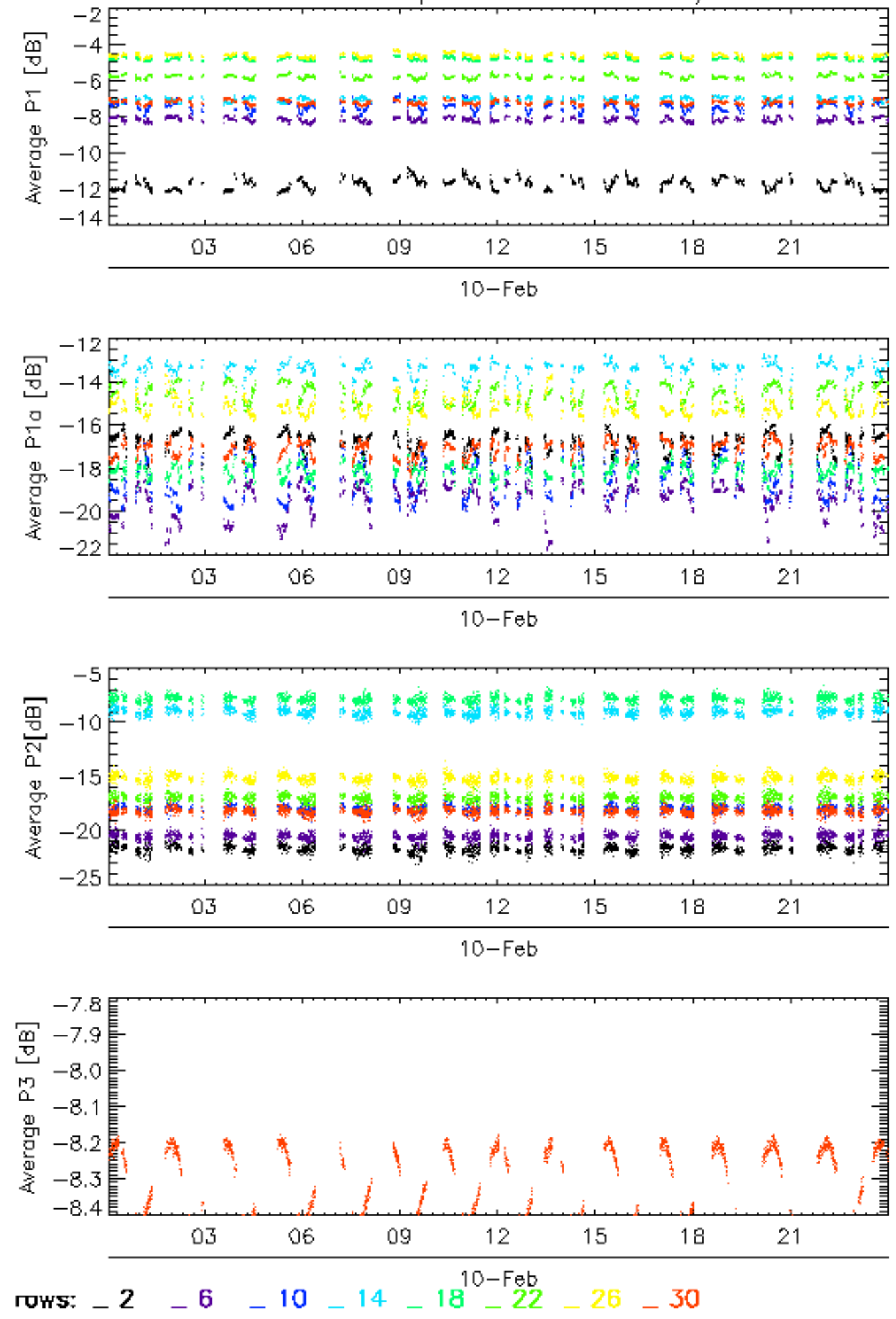
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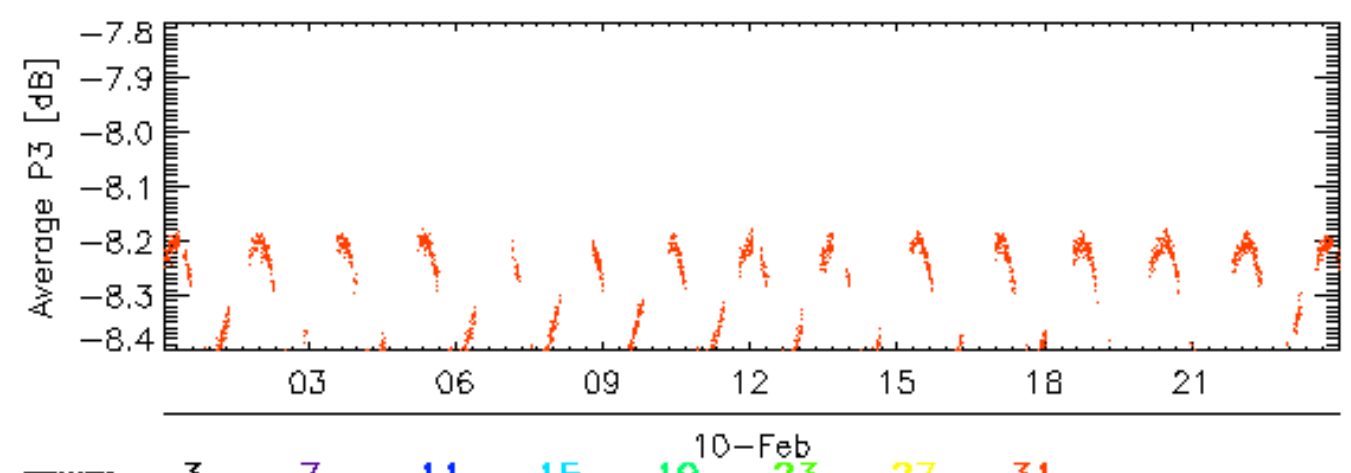
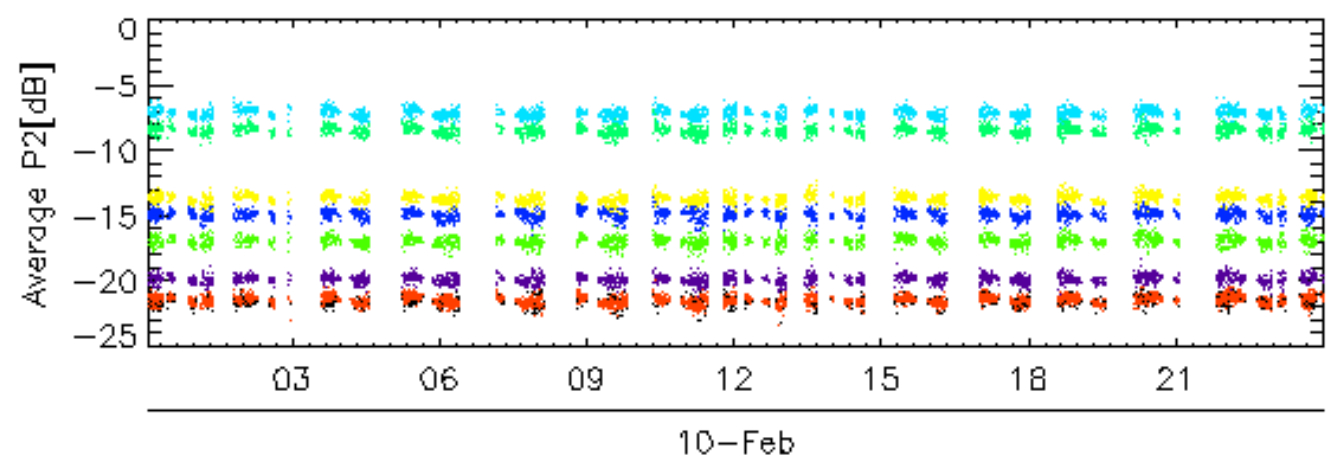
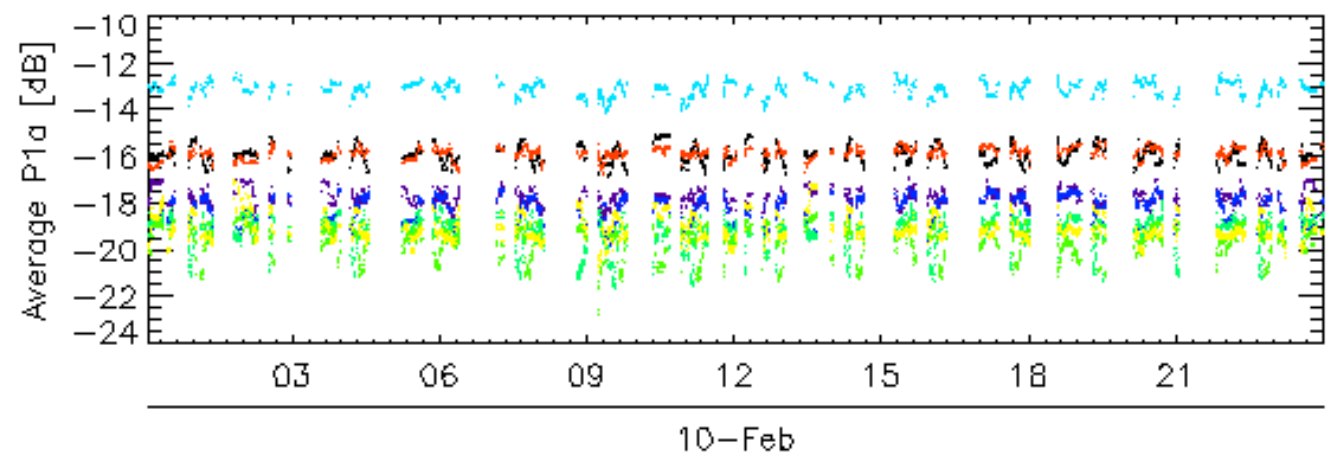
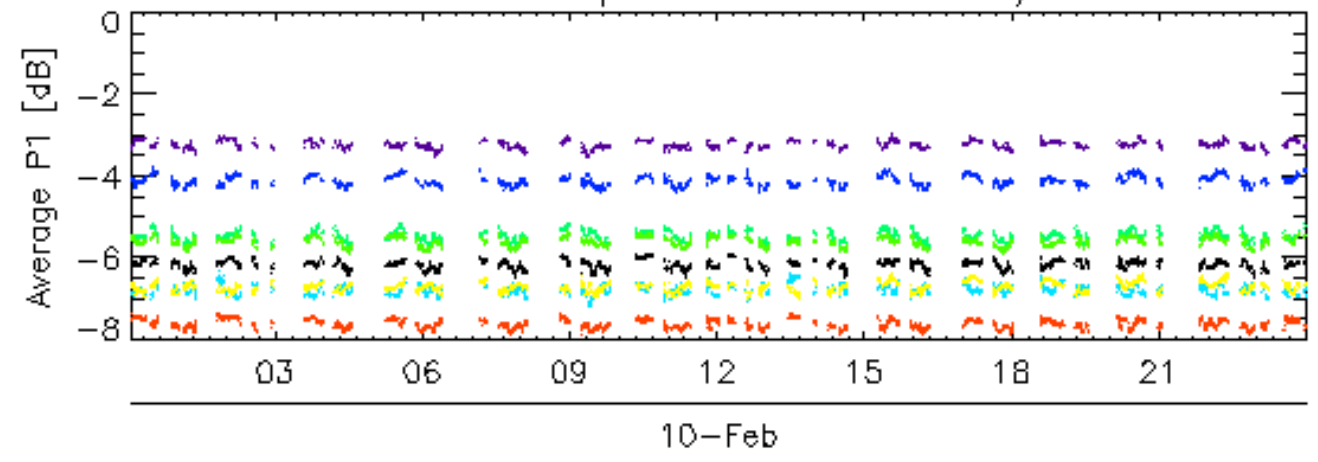
### Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V



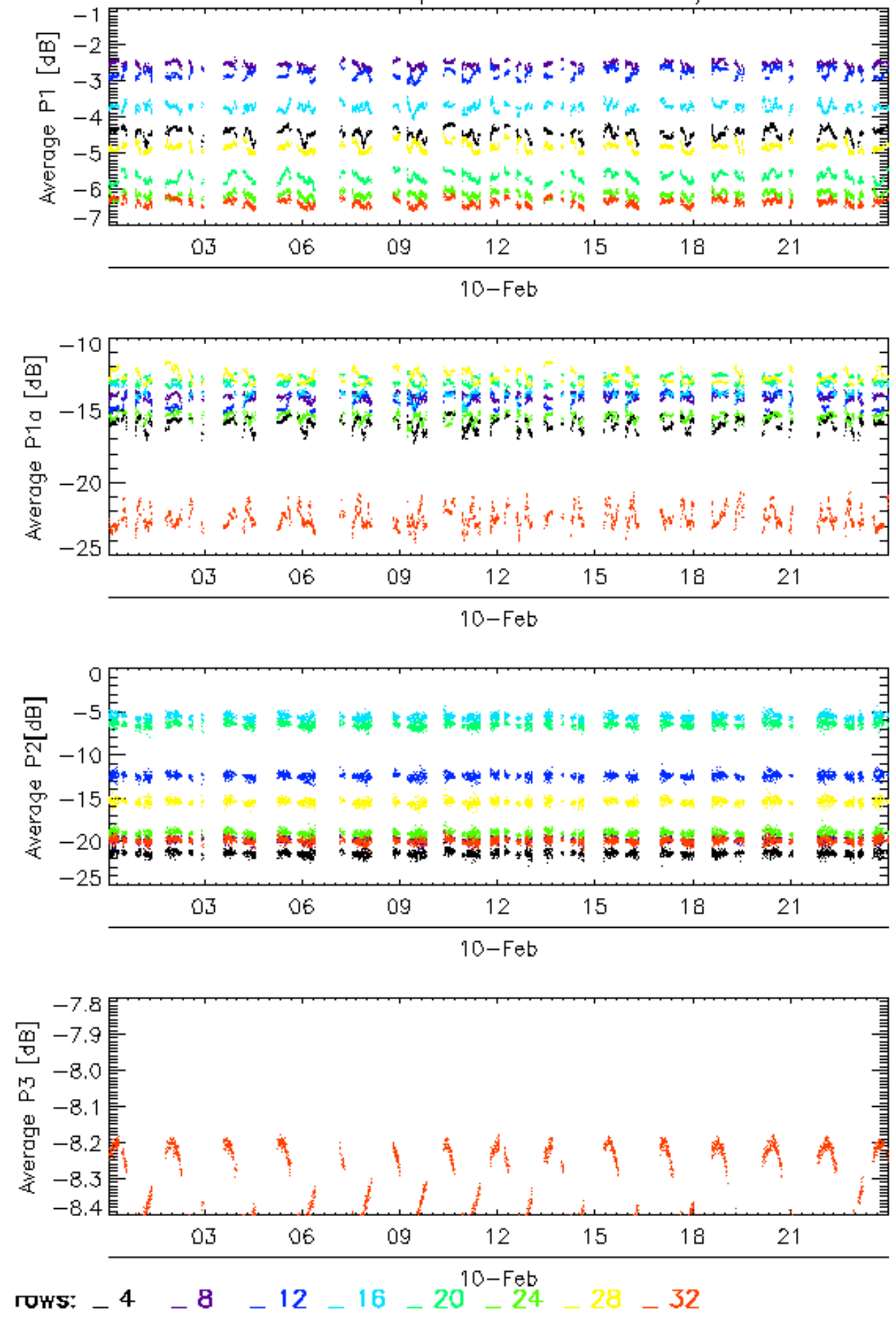
### Calibration pulses for WVS IS2 V/V

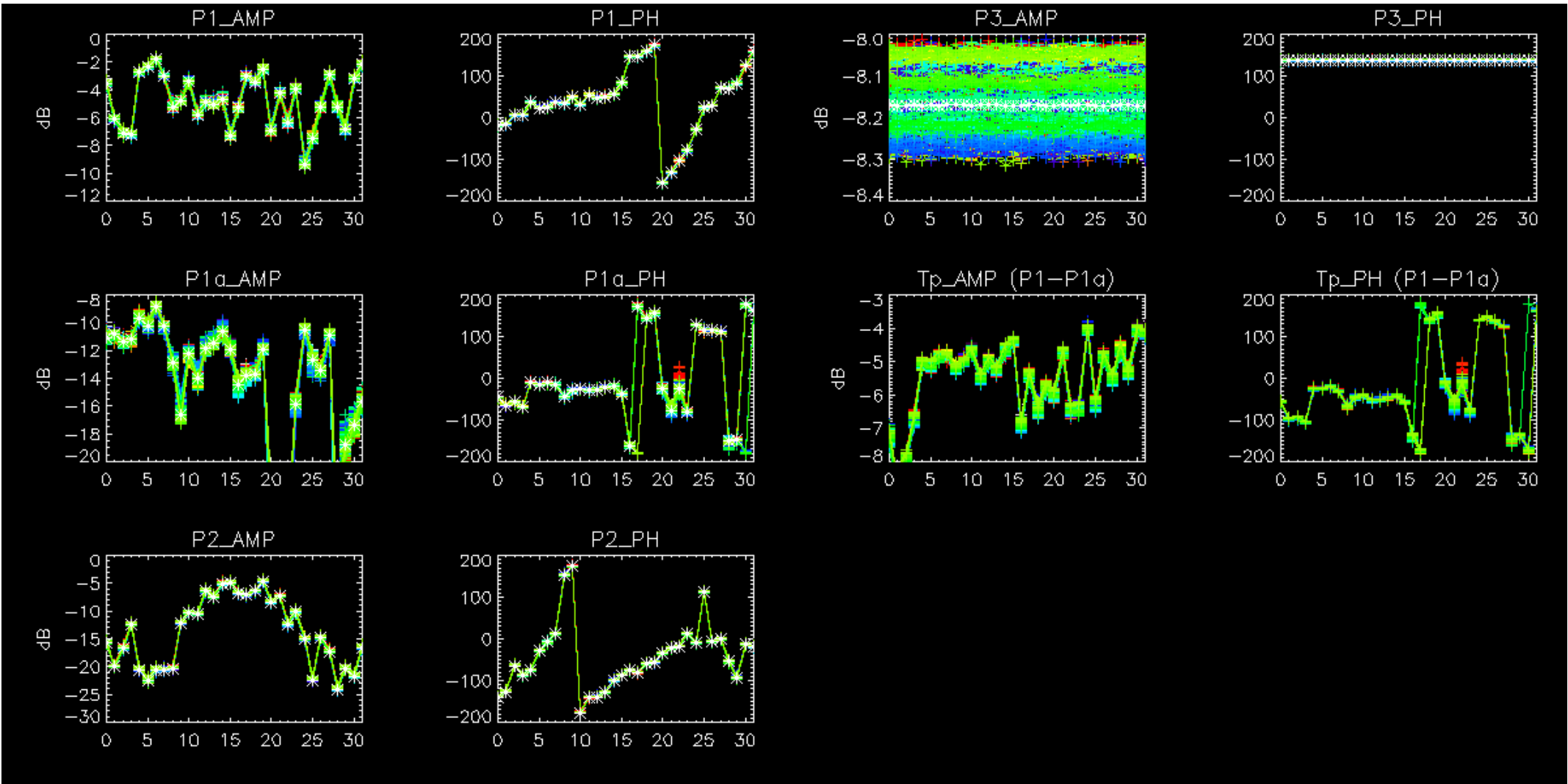


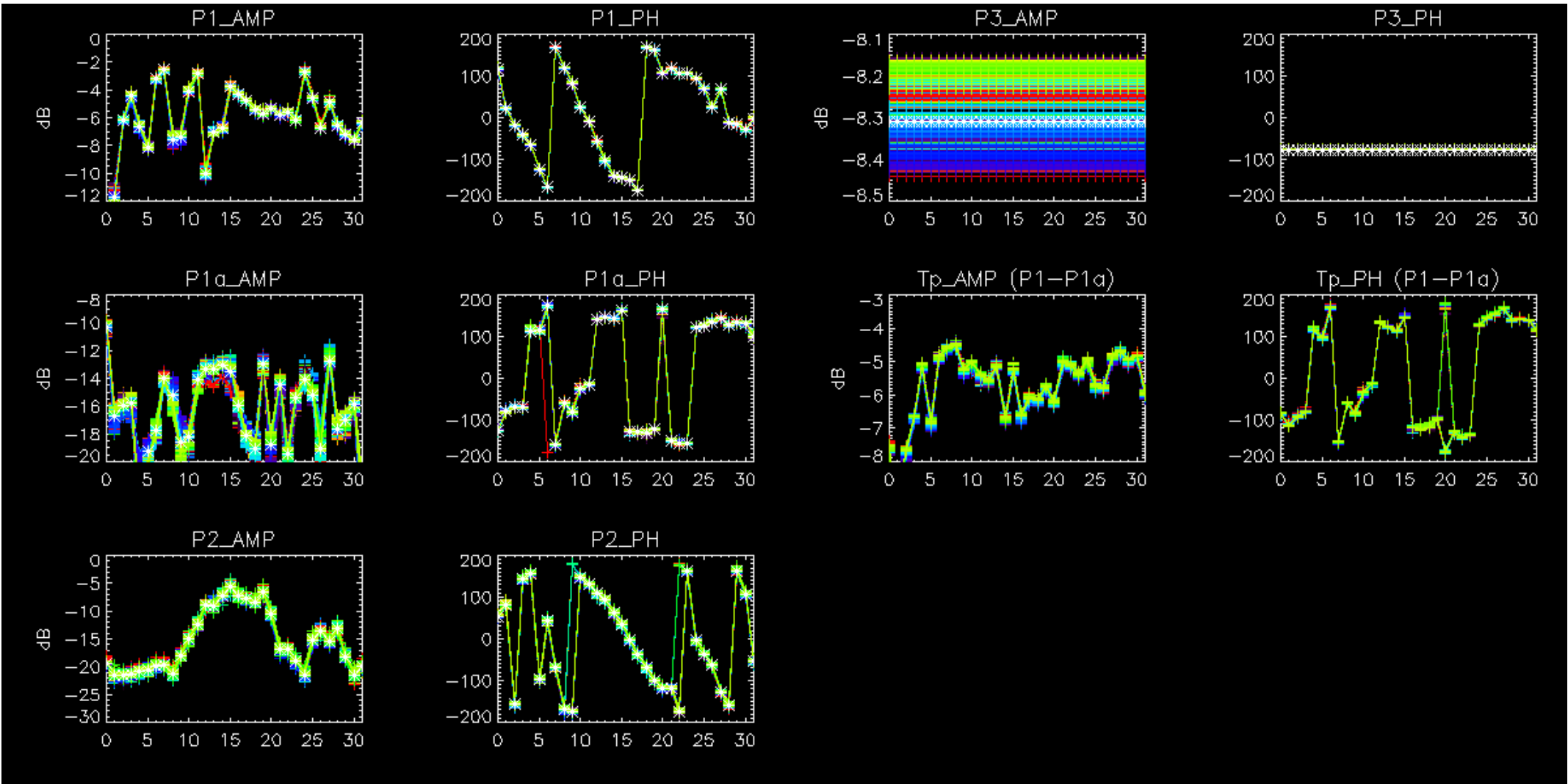
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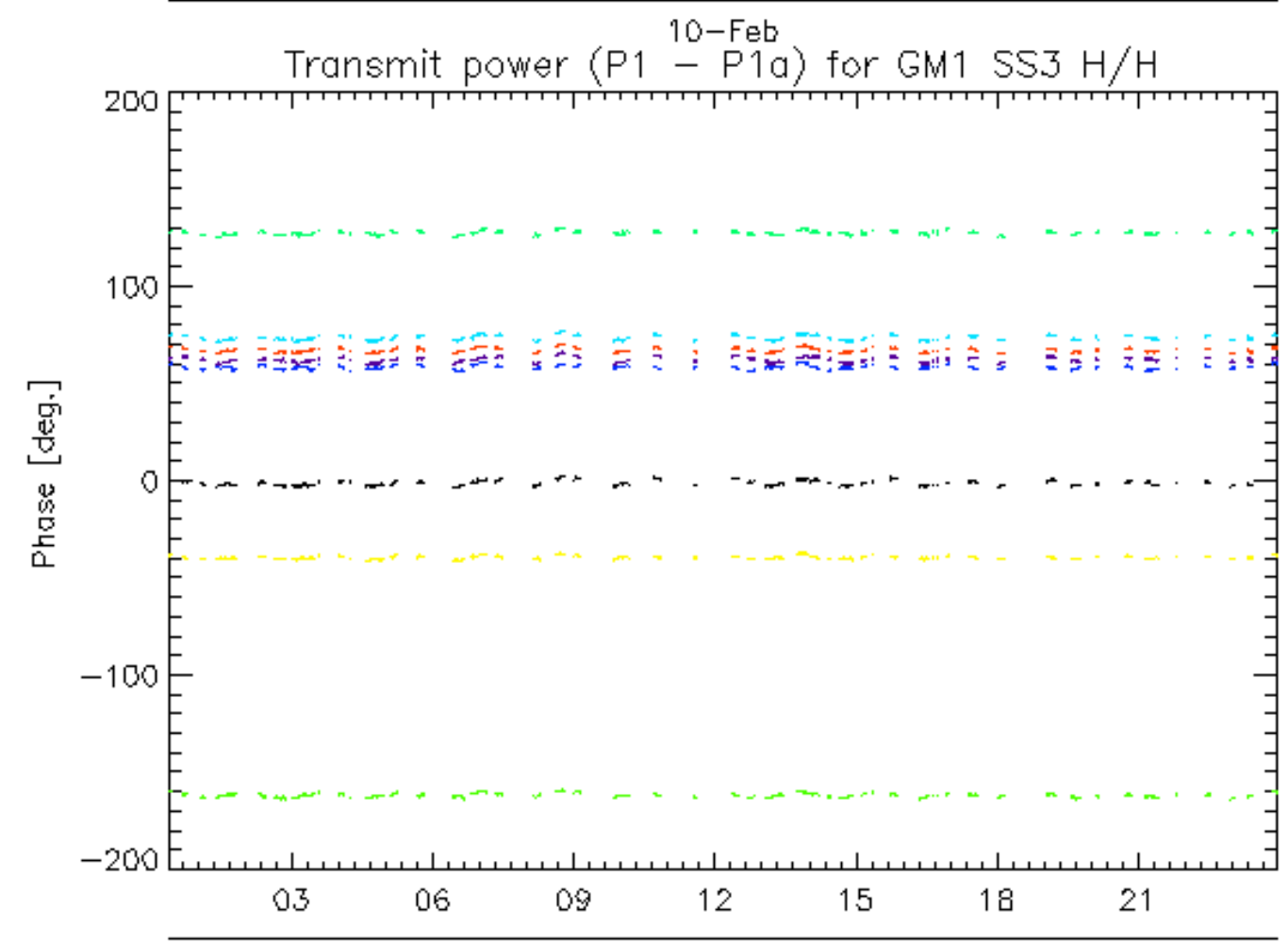
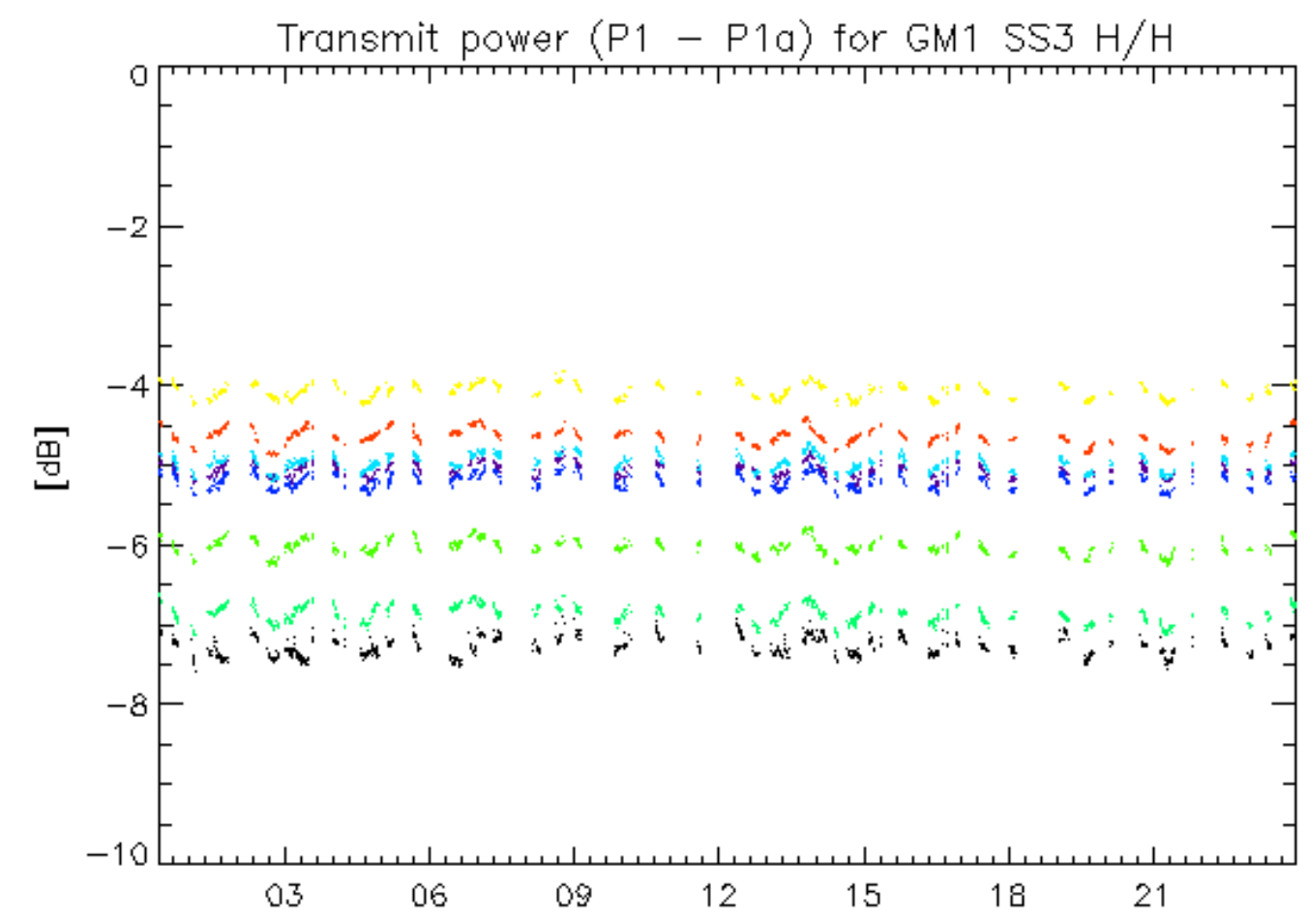
### Calibration pulses for WVS IS2 V/V



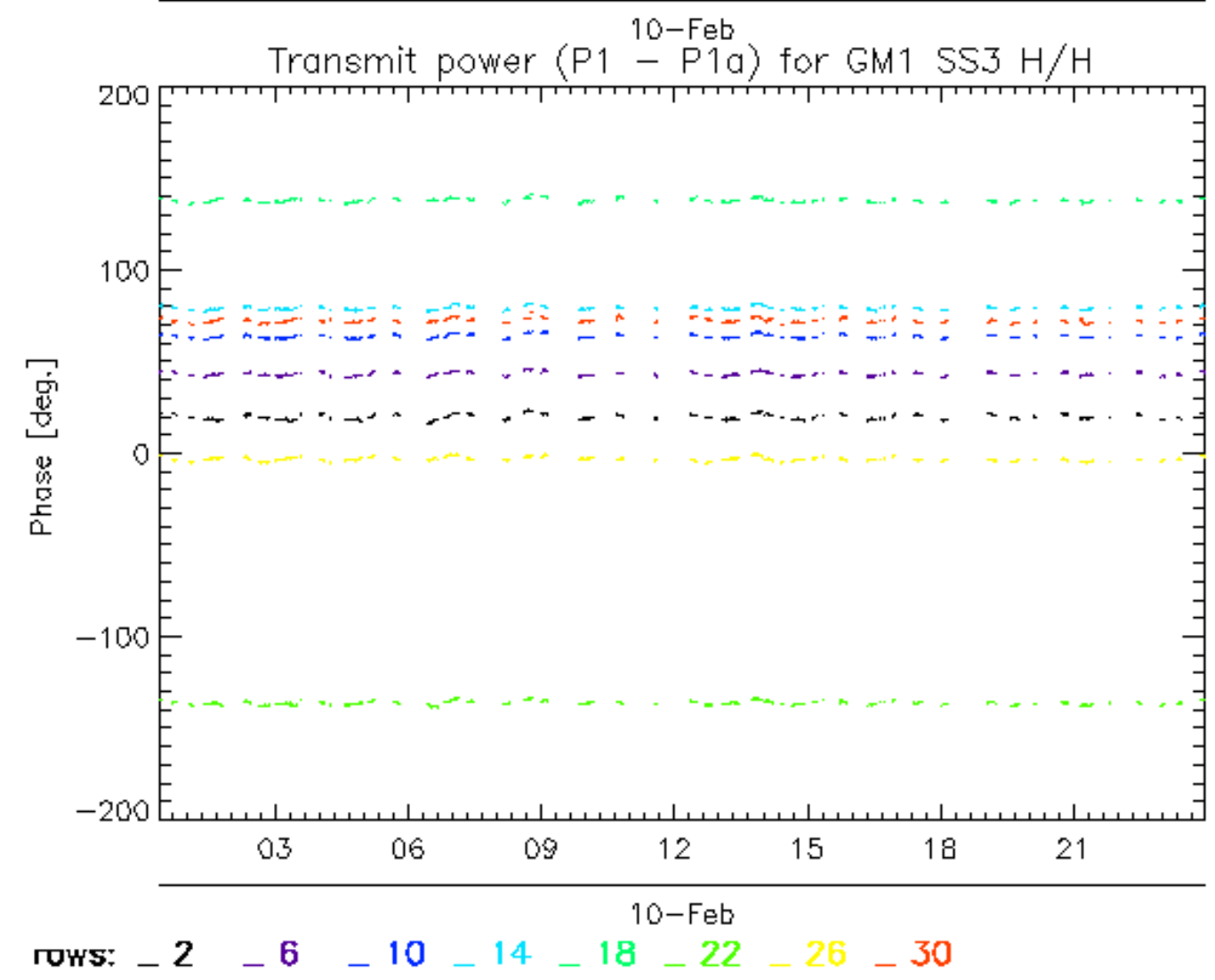
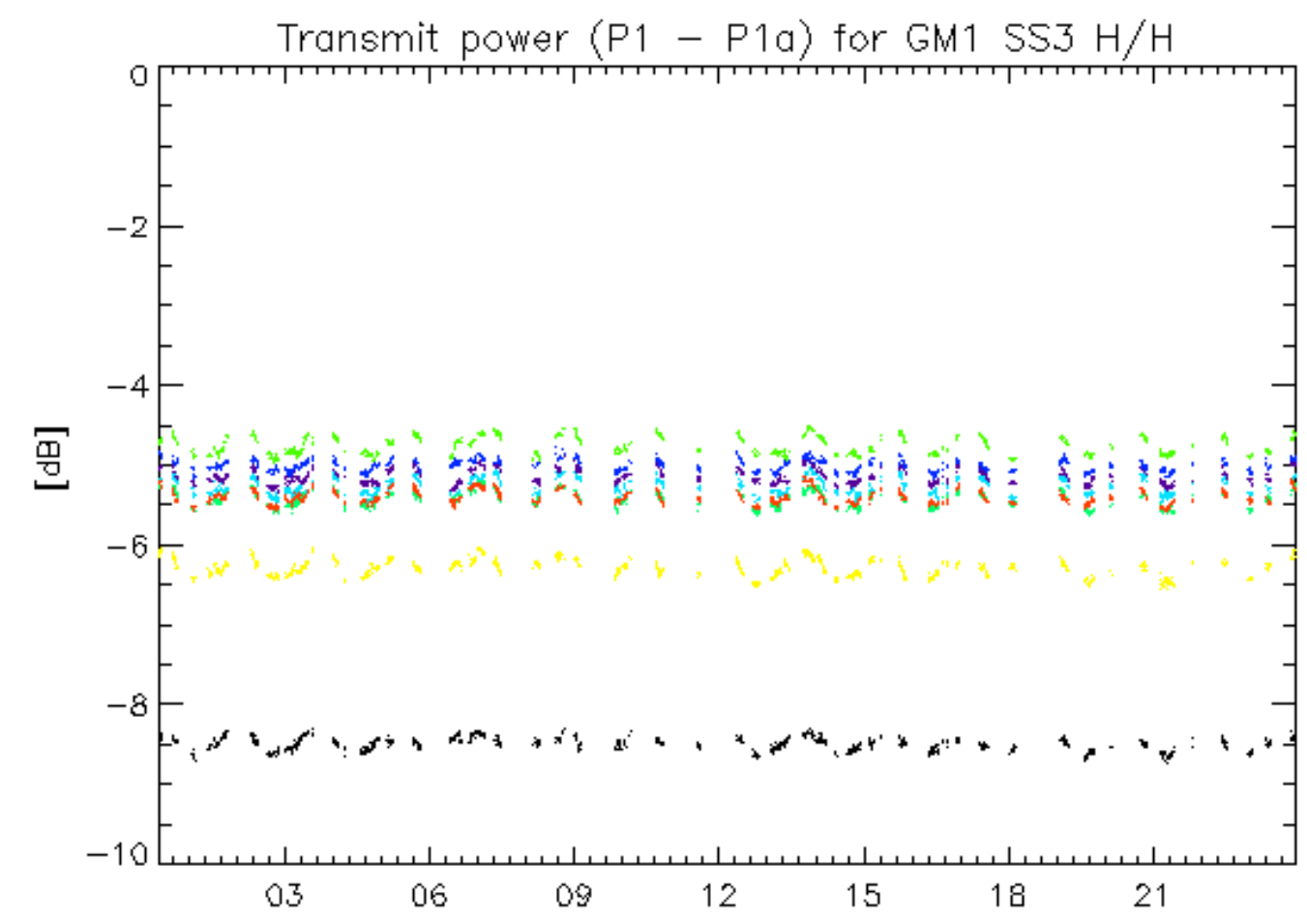


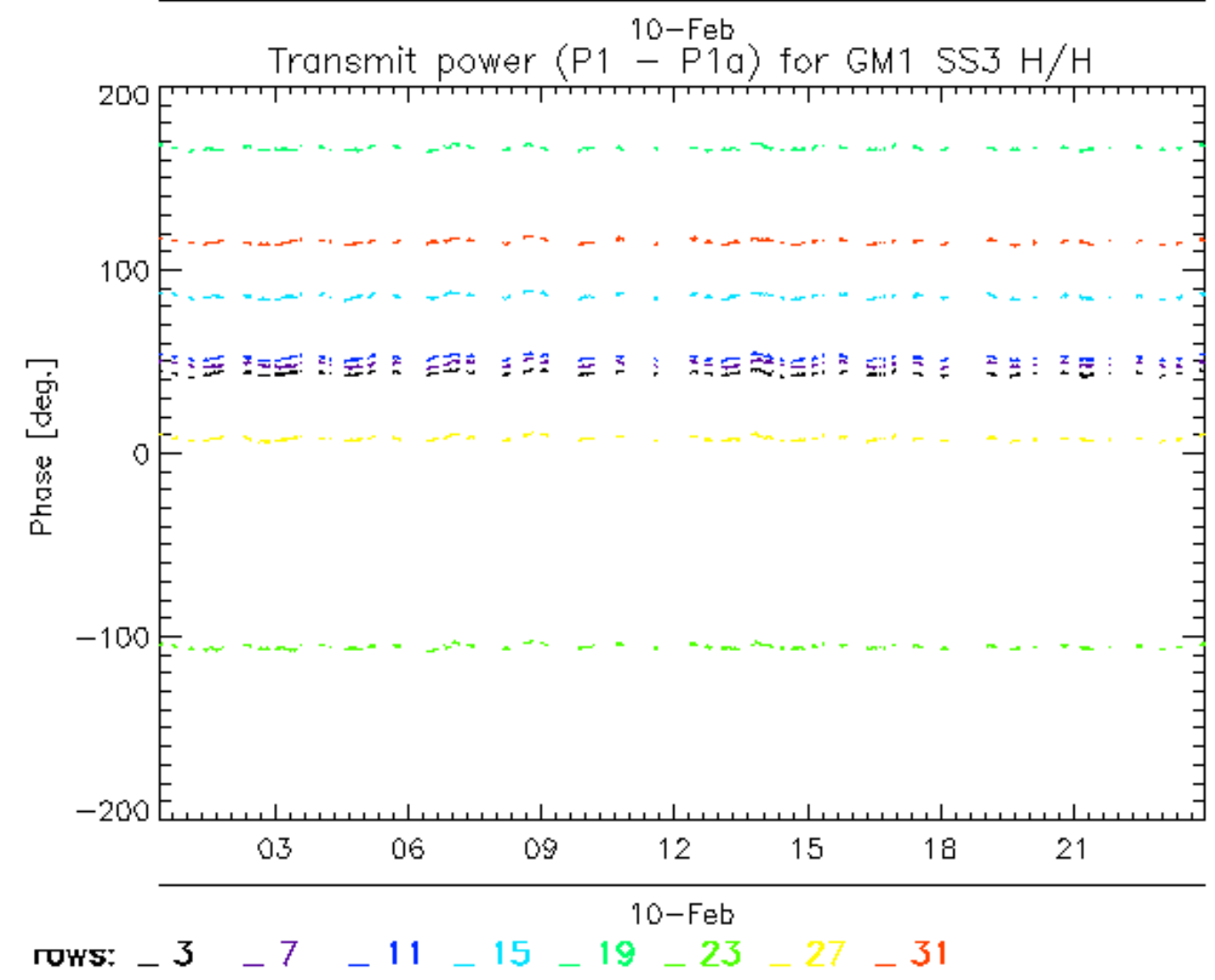
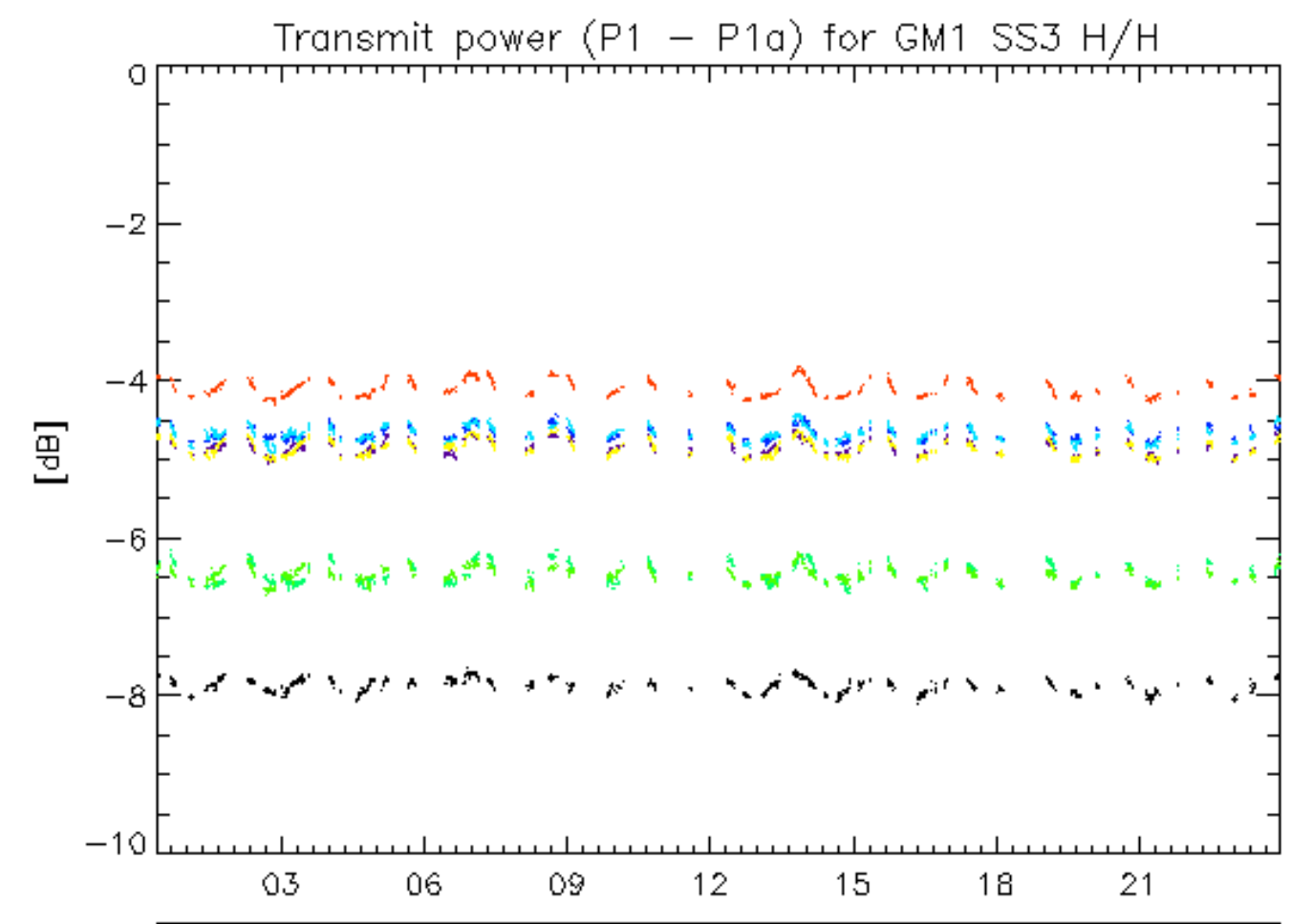




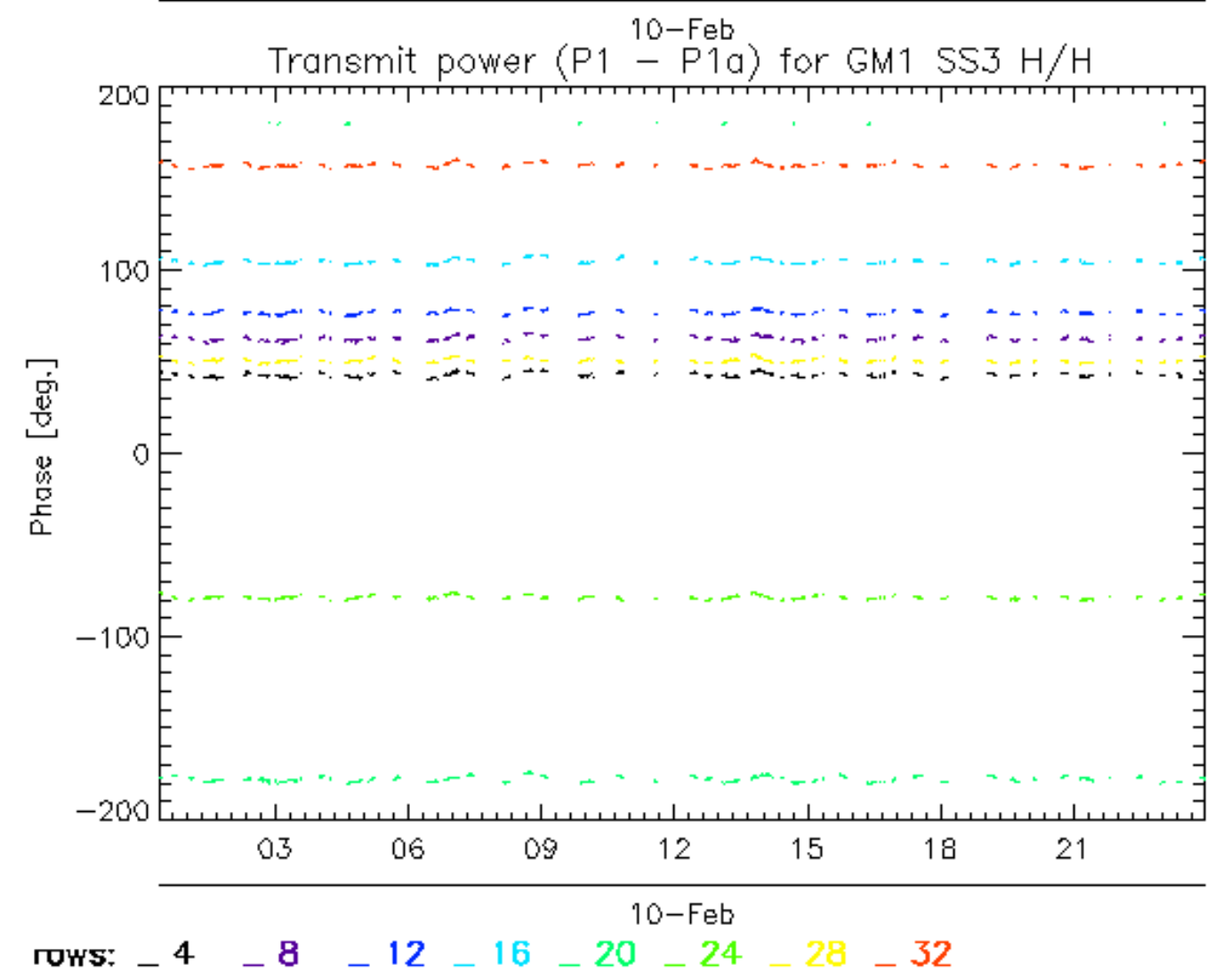
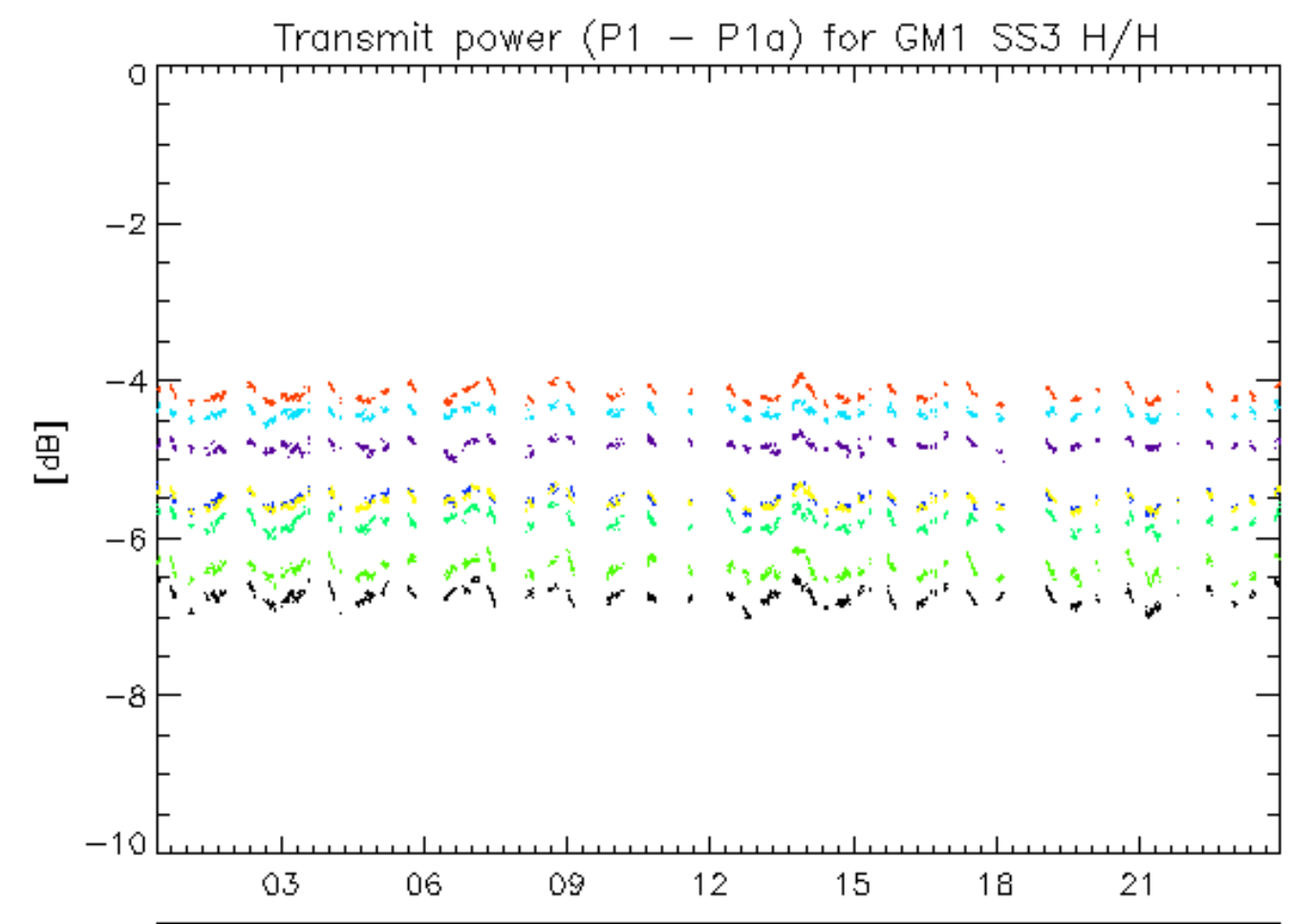


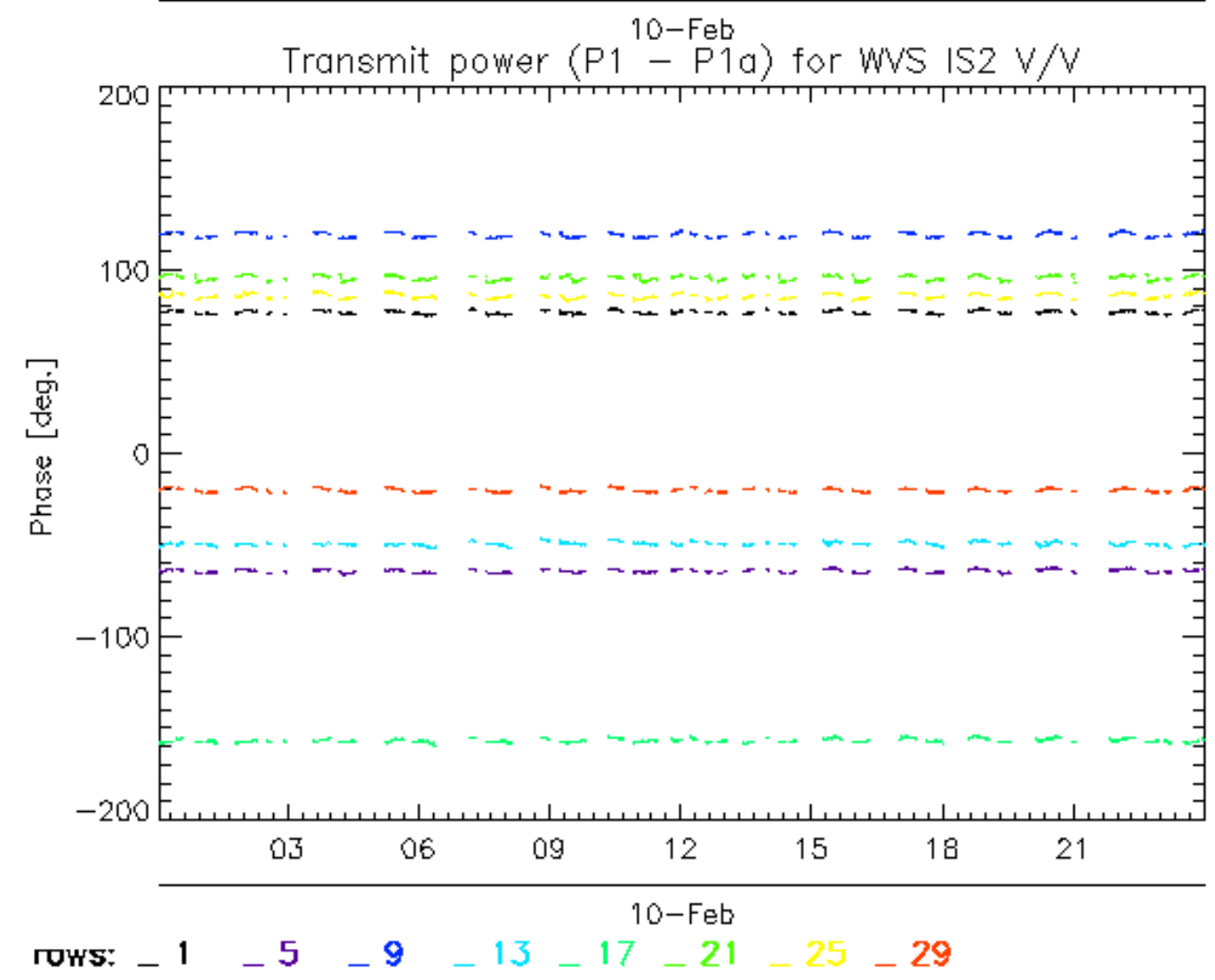
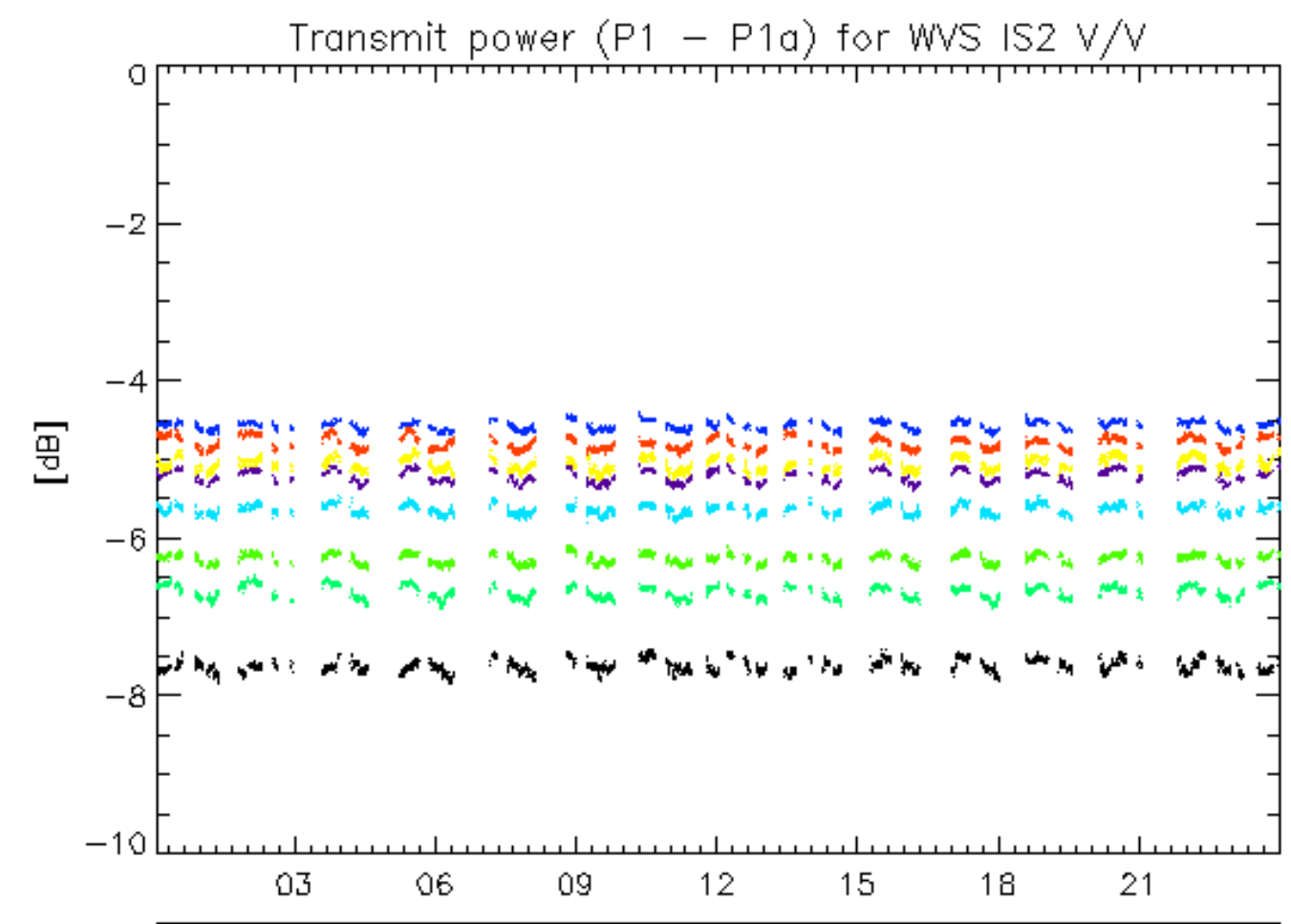
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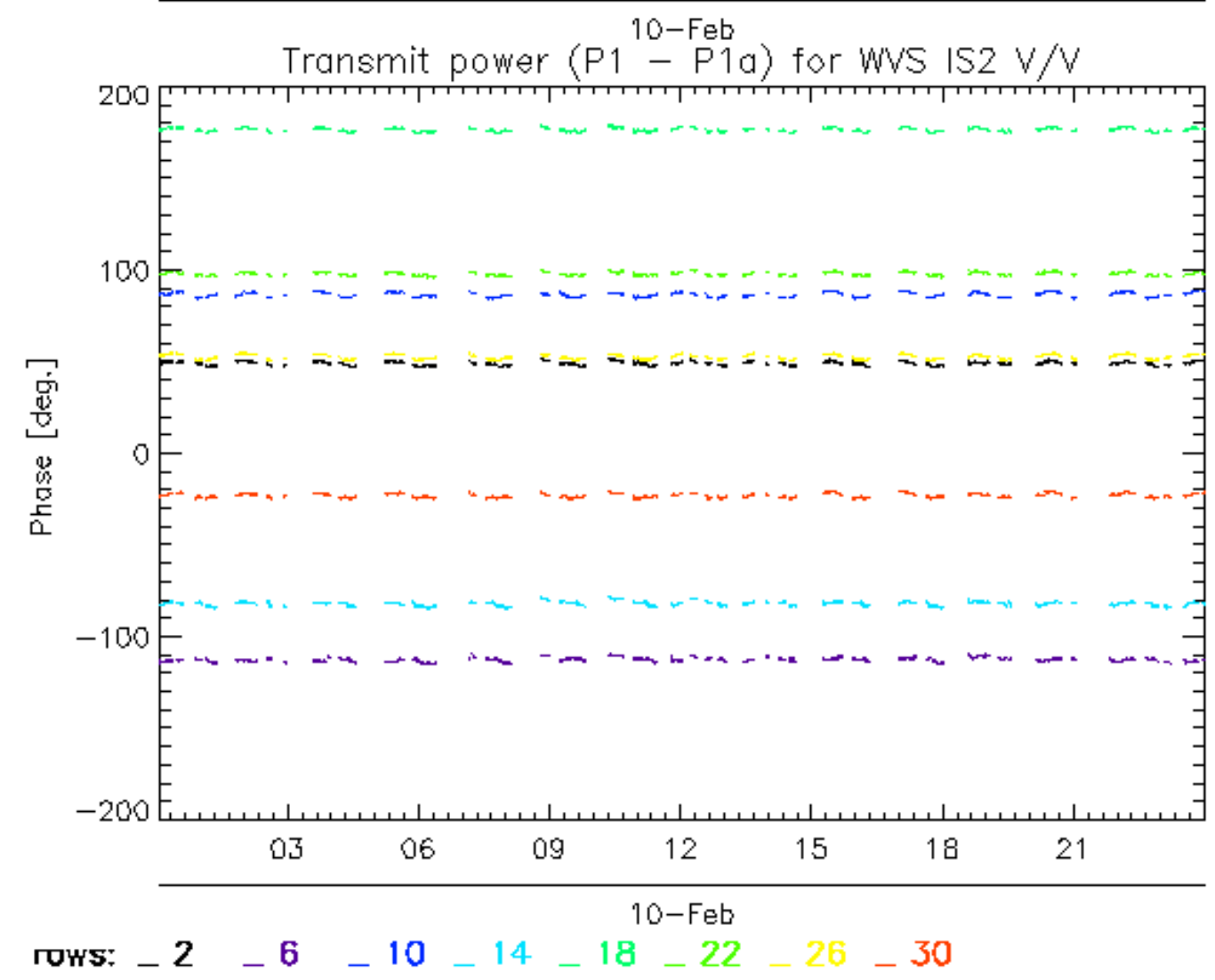
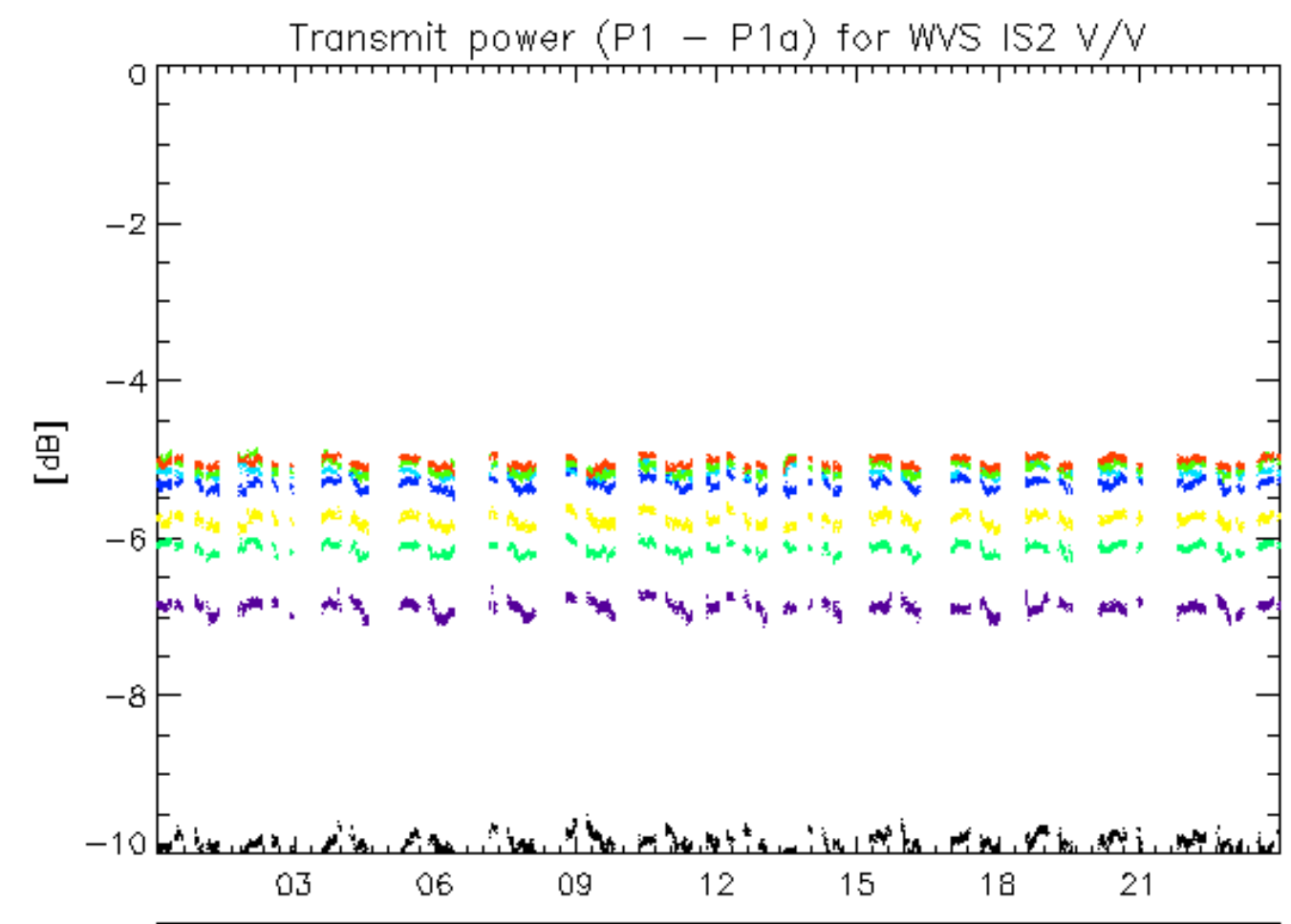




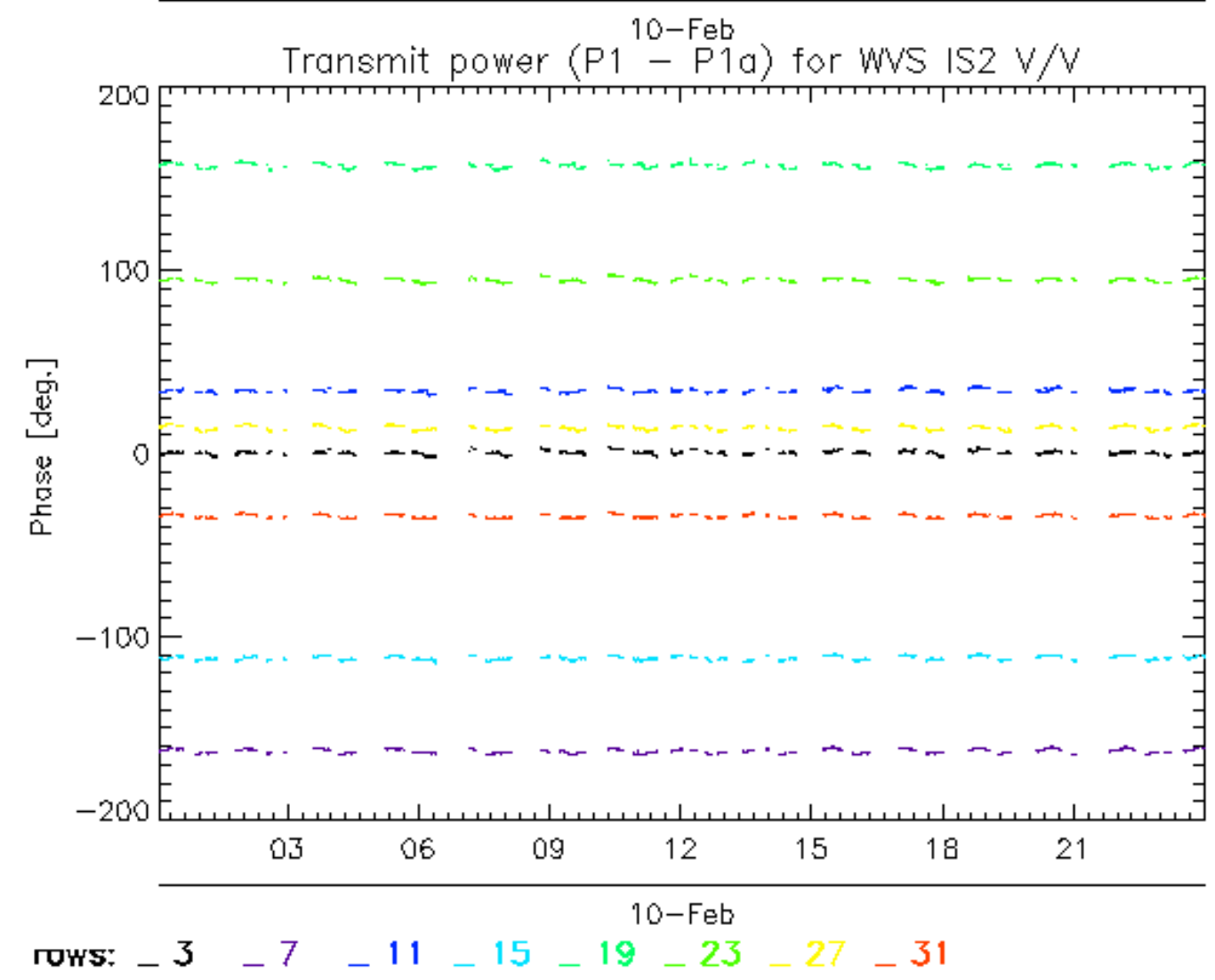
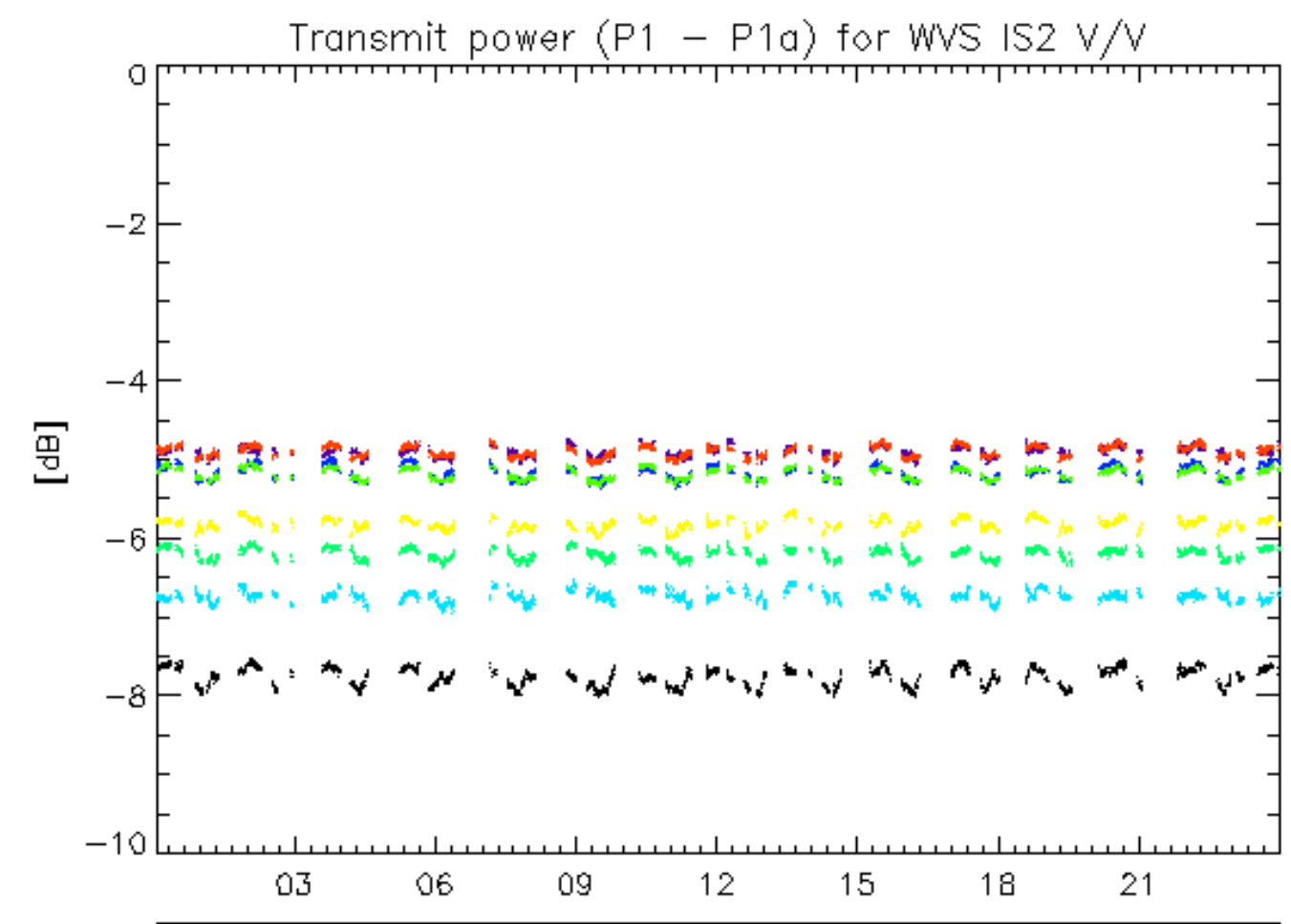


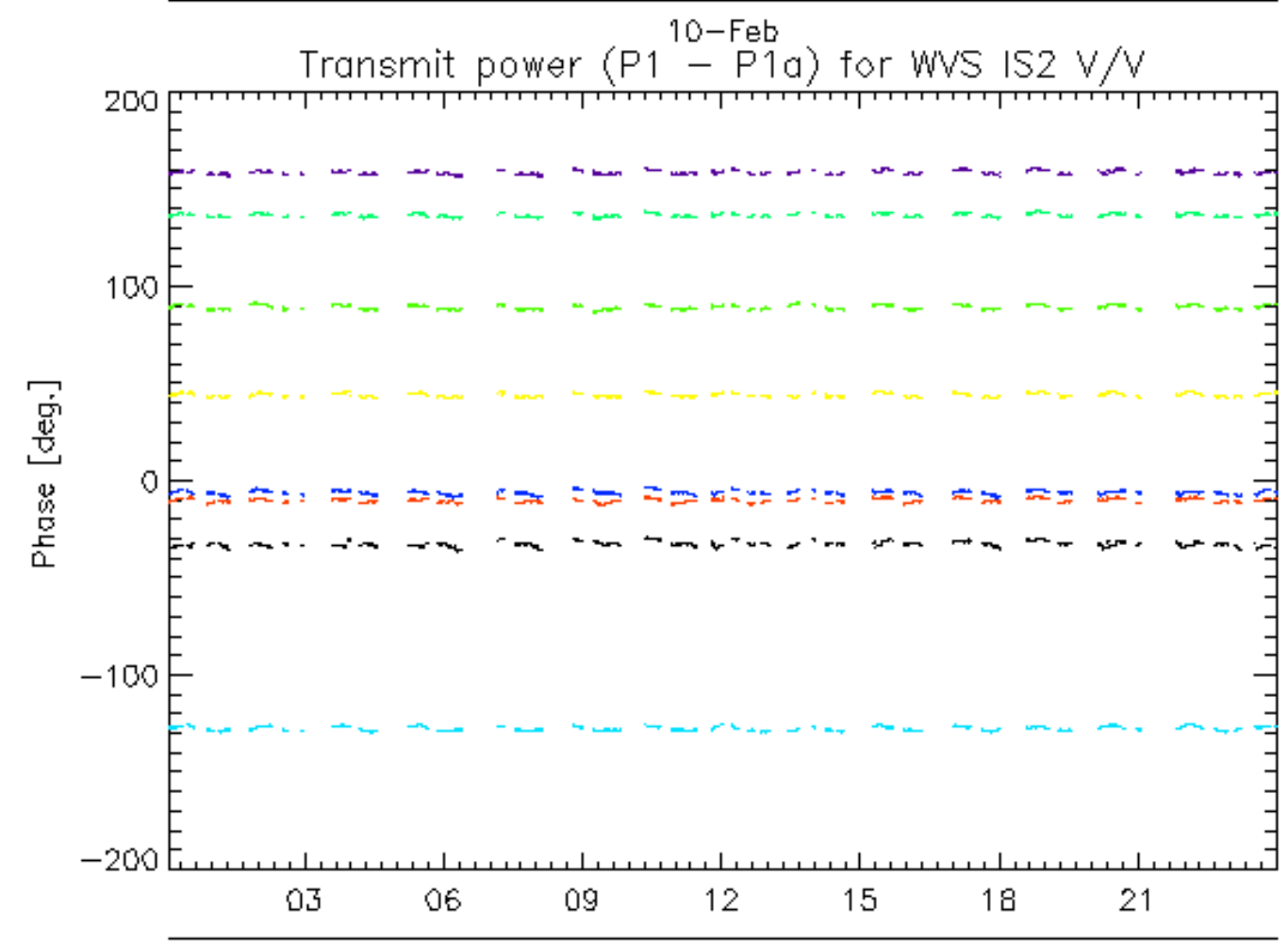
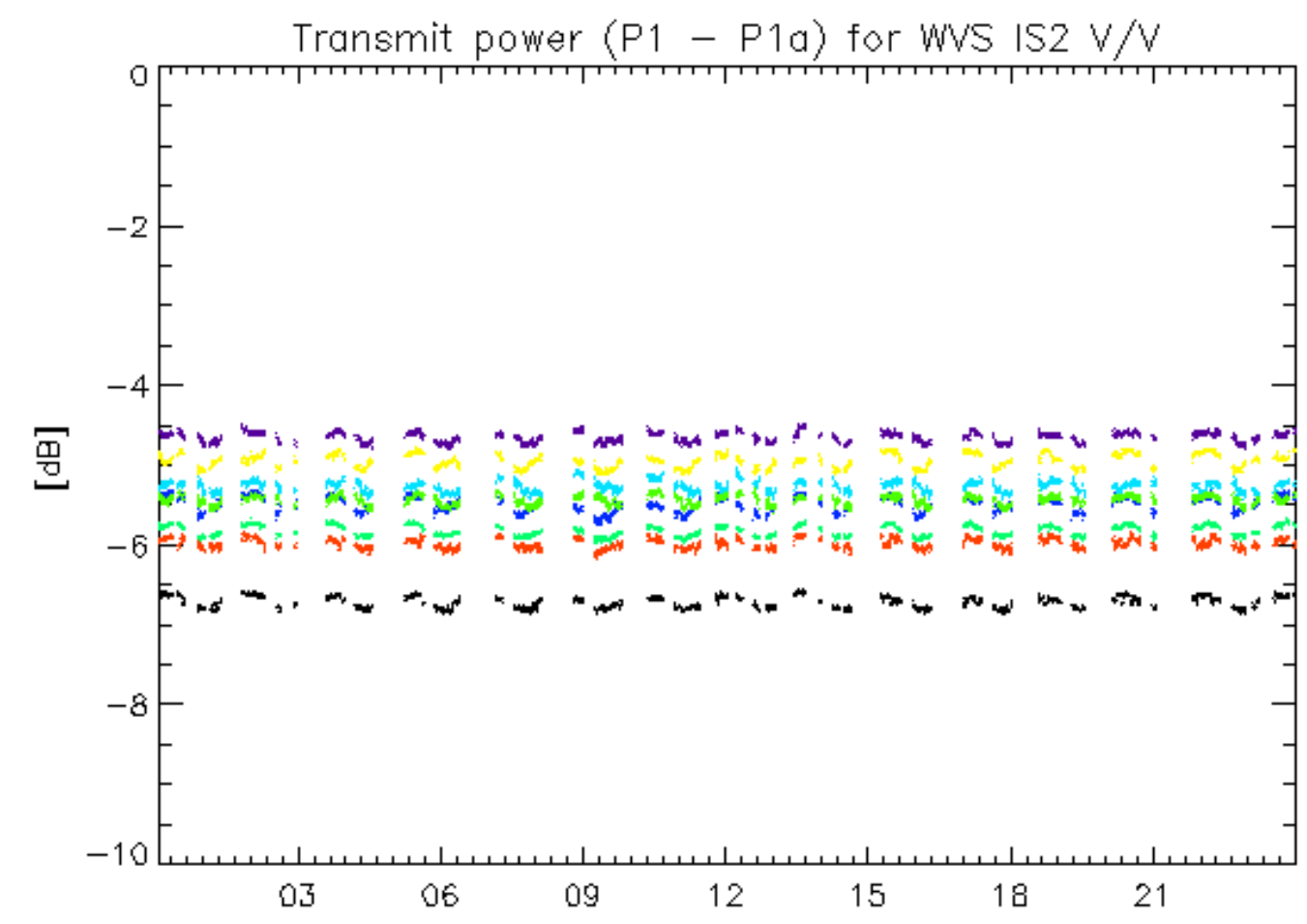




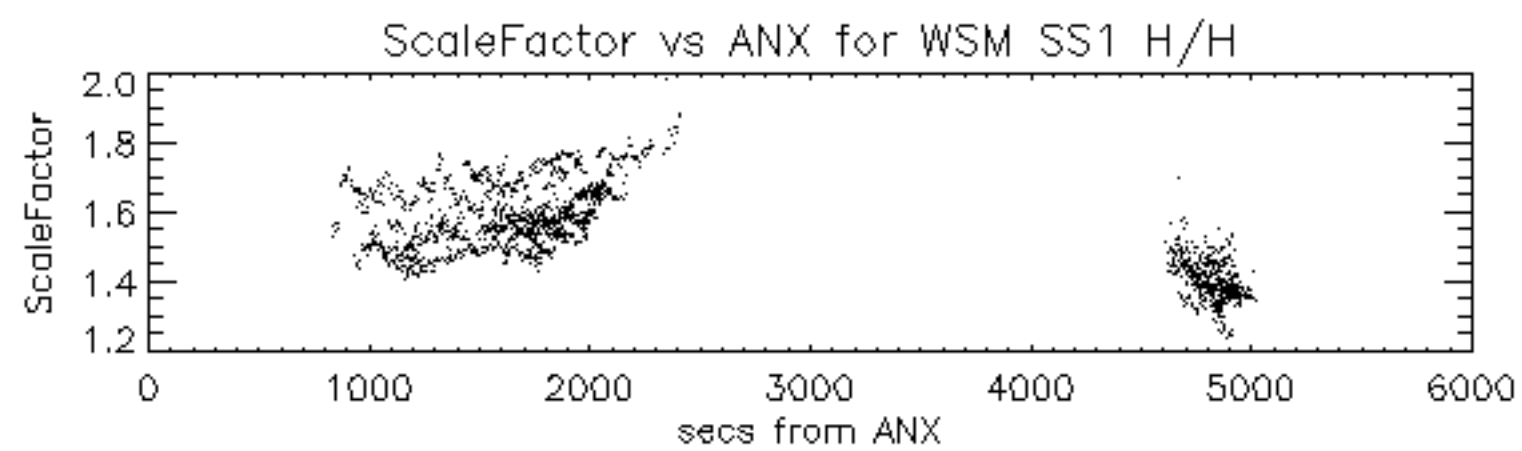


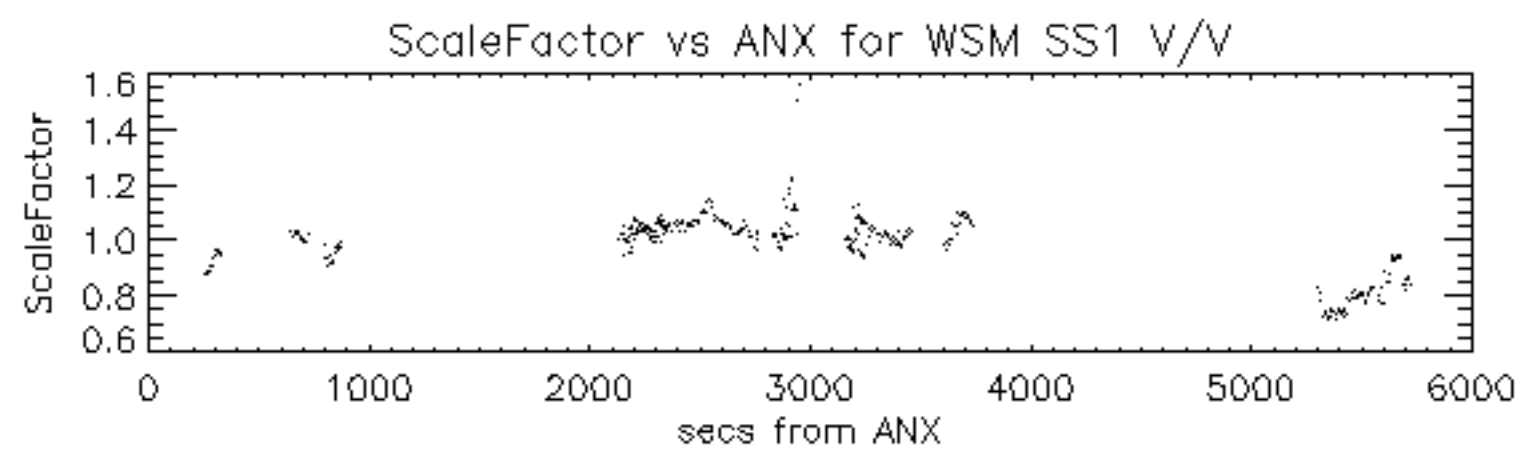




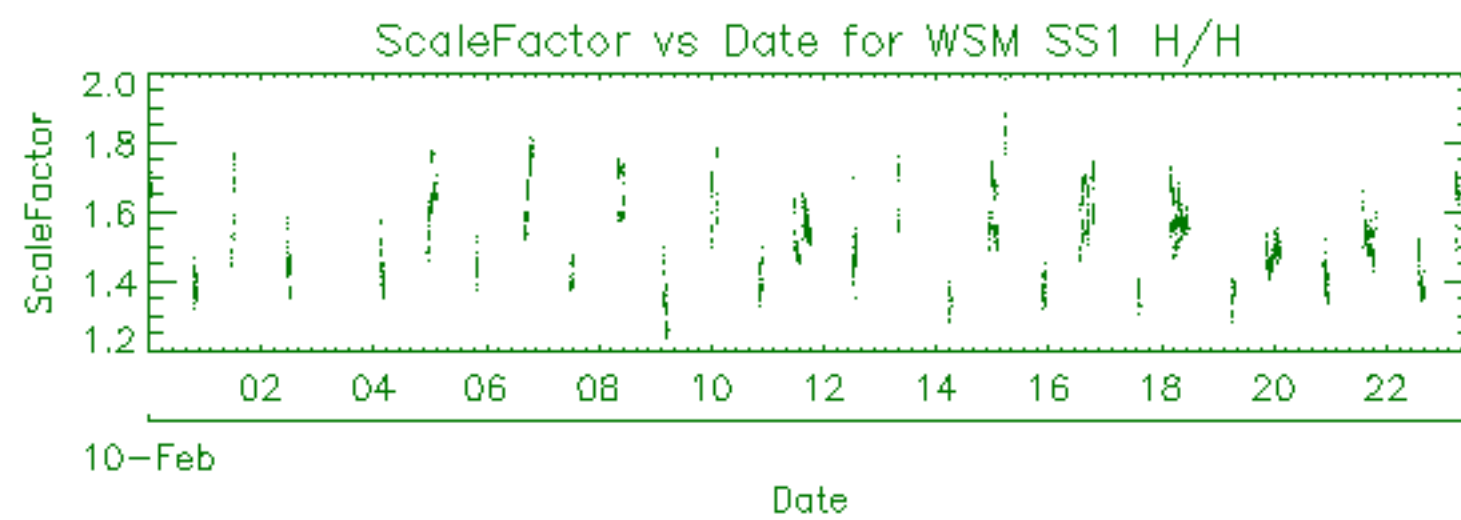


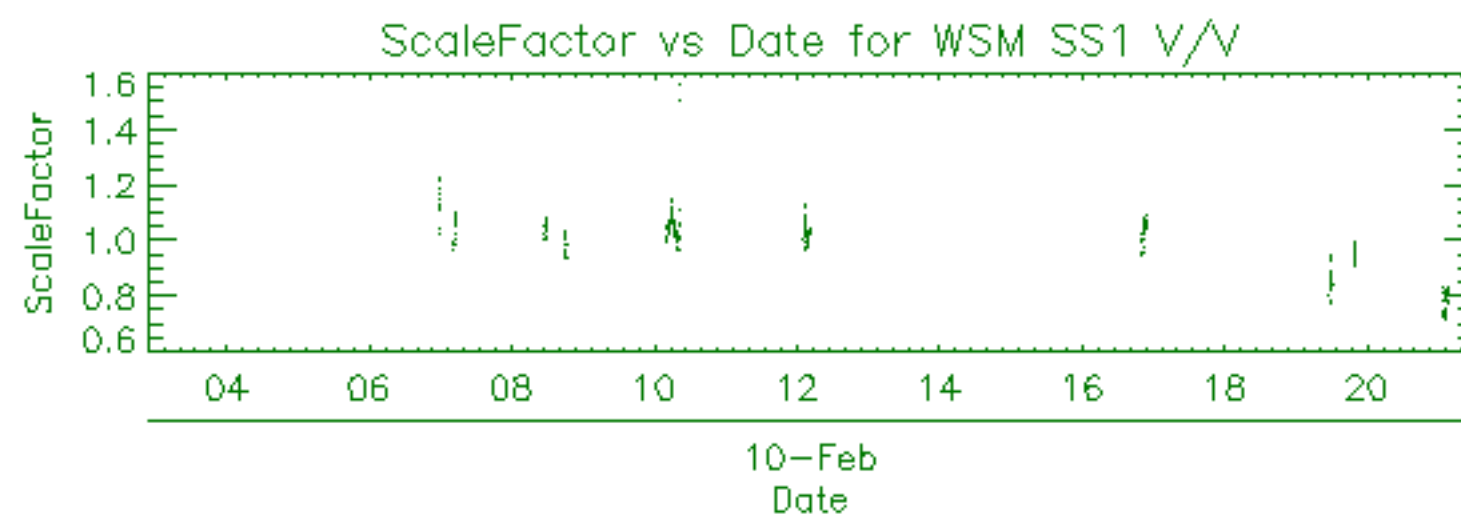
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| Filename                                                       | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|----------------------------------------------------------------|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_APM_1PNPDE20100210_030144_000000432086_00419_41555_0420.N1 |      |     |             |          |          | IS7         | H/H | 86 | 41555 | 419 | 5.03 |
| ASA_APM_1PNPDE20100210_120410_000000622086_00424_41560_0520.N1 |      |     |             |          |          | IS4         | V/H | 86 | 41560 | 424 | 5.03 |
| ASA_APM_1PNPDE20100210_134118_000001232086_00425_41561_0532.N1 |      |     |             |          |          | IS4         | V/V | 86 | 41561 | 425 | 5.03 |

| Filename                                                       | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|----------------------------------------------------------------|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_GM1_1PNPDE20100210_002318_000003022086_00417_41553_0374.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41553 | 417 | 5.03 |
| ASA_GM1_1PNPDE20100210_003914_000005012086_00417_41553_0375.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41553 | 417 | 5.03 |
| ASA_GM1_1PNPDE20100210_010427_000002472086_00417_41553_0391.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41553 | 417 | 5.03 |
| ASA_GM1_1PNPDE20100210_012425_000002712086_00418_41554_0392.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_GM1_1PNPDE20100210_013206_000010212086_00418_41554_0396.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_GM1_1PNPDE20100210_021802_000005552086_00418_41554_0399.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_GM1_1PNPDE20100210_023829_000005012086_00418_41554_0398.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_GM1_1PNPDE20100210_024817_000002712086_00418_41554_0403.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
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| ASA_GM1_1PNPDE20100210_031111_000010632086_00419_41555_0405.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41555 | 419 | 5.03 |
| ASA_GM1_1PNPDE20100210_033313_000001502086_00419_41555_0409.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41555 | 419 | 5.03 |
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| ASA_GM1_1PNPDE20100210_041412_000000842086_00419_41555_0426.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41555 | 419 | 5.03 |
| ASA_GM1_1PNPDE20100210_043422_000006952086_00420_41556_0424.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_GM1_1PNPDE20100210_044701_000006102086_00420_41556_0423.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_GM1_1PNPDE20100210_050647_000005012086_00420_41556_0431.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_GM1_1PNPDE20100210_053916_000005862086_00420_41556_0448.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_GM1_1PNPDE20100210_062523_000008642086_00421_41557_0450.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_GM1_1PNPDE20100210_064920_000005552086_00421_41557_0451.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_GM1_1PNPDE20100210_070023_000005252086_00421_41557_0456.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_GM1_1PNPDK20100210_071953_000005982086_00421_41557_1166.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_GM1_1PNPDK20100210_080741_000000782086_00422_41558_1167.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_GM1_1PNPDK20100210_081130_000004042086_00422_41558_1169.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_GM1_1PNPDK20100210_083712_000004282086_00422_41558_1189.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_GM1_1PNPDK20100210_084609_000000662086_00422_41558_1190.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_GM1_1PNPDK20100210_090023_000005012086_00422_41558_1192.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_GM1_1PNPDK20100210_094923_000005792086_00423_41559_1193.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_GM1_1PNPDK20100210_100139_000002052086_00423_41559_1216.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_GM1_1PNPDK20100210_100843_000000662086_00423_41559_1217.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_GM1_1PNPDK20100210_104105_000006042086_00423_41559_1220.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_GM1_1PNPDK20100210_113347_000002352086_00424_41560_1222.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_GM1_1PNPDK20100210_122136_000005132086_00424_41560_1236.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_GM1_1PNPDK20100210_124229_000004652086_00424_41560_1239.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_GM1_1PNPDK20100210_130443_000008102086_00425_41561_1240.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_131705_000000902086_00425_41561_1253.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_132035_000003802086_00425_41561_1254.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_134421_000005012086_00425_41561_1255.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_135332_000003082086_00425_41561_1257.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_140214_000006282086_00425_41561_1259.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_142409_000002472086_00425_41561_1260.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_GM1_1PNPDK20100210_143948_000009672086_00426_41562_1264.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_GM1_1PNPDK20100210_145438_000001022086_00426_41562_1274.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_GM1_1PNPDK20100210_150553_000004162086_00426_41562_1275.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_GM1_1PNPDK20100210_152009_000000902086_00426_41562_1277.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_GM1_1PNPDK20100210_154250_000006162086_00426_41562_1279.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_GM1_1PNPDK20100210_161939_000008342086_00427_41563_1280.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_GM1_1PNPDK20100210_163741_000000662086_00427_41563_1294.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_GM1_1PNPDK20100210_164240_000001752086_00427_41563_1295.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_GM1_1PNPDK20100210_165410_000003262086_00427_41563_1296.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_GM1_1PNPDK20100210_172326_000007072086_00427_41563_1298.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_GM1_1PNPDK20100210_180155_000004162086_00428_41564_1300.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_GM1_1PNPDK20100210_190402_000006282086_00428_41564_1317.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_GM1_1PNPDK20100210_193411_000007432086_00428_41564_1319.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_GM1_1PNPDE20100210_200645_000001442086_00429_41565_0549.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_GM1_1PNPDE20100210_204435_000005012086_00429_41565_0551.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_GM1_1PNPDE20100210_210834_000010572086_00429_41565_0564.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_GM1_1PNPDE20100210_214814_000000662086_00430_41566_0565.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_GM1_1PNPDE20100210_222516_000004832086_00430_41566_0567.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_GM1_1PNPDE20100210_225817_000003322086_00431_41567_0586.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |
| ASA_GM1_1PNPDE20100210_232028_000003802086_00431_41567_0585.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |
| ASA_GM1_1PNPDE20100210_235129_000003082086_00431_41567_0583.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |
| ASA_GM1_1PNPDE20100210_235642_000000782086_00431_41567_0587.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |



| Filename                                                       | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|----------------------------------------------------------------|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_IMM_1PNPDE20100210_003728_000000992086_00417_41553_0367.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_IMM_1PNPDE20100210_015053_000000372086_00418_41554_0388.N1 |      |     |             |          |          | IS1         | V/V | 86 | 41554 | 418 | 5.03 |
| ASA_IMM_1PNPDE20100210_024650_000000792086_00418_41554_0417.N1 |      |     |             |          |          | IS6         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_IMM_1PNPDE20100210_025717_000001292086_00419_41555_0419.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_IMM_1PNPDE20100210_031021_000000362086_00419_41555_0421.N1 |      |     |             |          |          | IS4         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_IMM_1PNPDE20100210_032854_000002522086_00419_41555_0407.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_IMM_1PNPDE20100210_044555_000000512086_00420_41556_0441.N1 |      |     |             |          |          | IS1         | V/V | 86 | 41556 | 420 | 5.03 |
| ASA_IMM_1PNPDE20100210_081811_000000682086_00422_41558_0474.N1 |      |     |             |          |          | IS2         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_IMM_1PNPDK20100210_100707_000000852086_00423_41559_1204.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41559 | 423 | 5.03 |
| ASA_IMM_1PNPDE20100210_110018_000000922086_00423_41559_0518.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41559 | 423 | 5.03 |
| ASA_IMM_1PNPDE20100210_134335_000000382086_00425_41561_0533.N1 |      |     |             |          |          | IS6         | V/V | 86 | 41561 | 425 | 5.03 |
| ASA_IMM_1PNPDE20100210_135244_000000382086_00425_41561_0534.N1 |      |     |             |          |          | IS4         | V/V | 86 | 41561 | 425 | 5.03 |
| ASA_IMM_1PNPDE20100210_143256_000000382086_00425_41561_0536.N1 |      |     |             |          |          | IS6         | V/V | 86 | 41561 | 425 | 5.03 |
| ASA_IMM_1PNPDE20100210_151425_000001232086_00426_41562_0539.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41562 | 426 | 5.03 |
| ASA_IMM_1PNPDE20100210_182905_000003182086_00428_41564_0546.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41564 | 428 | 5.03 |
| ASA_IMM_1PNPDE20100210_202008_000000462086_00429_41565_0561.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41565 | 429 | 5.03 |
| ASA_IMM_1PNPDK20100210_231631_000000922086_00431_41567_1341.N1 |      |     |             |          |          | IS2         | H/H | 86 | 41567 | 431 | 5.03 |
| ASA_IMM_1PNPDE20100210_231736_000001652086_00431_41567_0596.N1 |      |     |             |          |          | IS2         | H/H | 86 | 41567 | 431 | 5.03 |

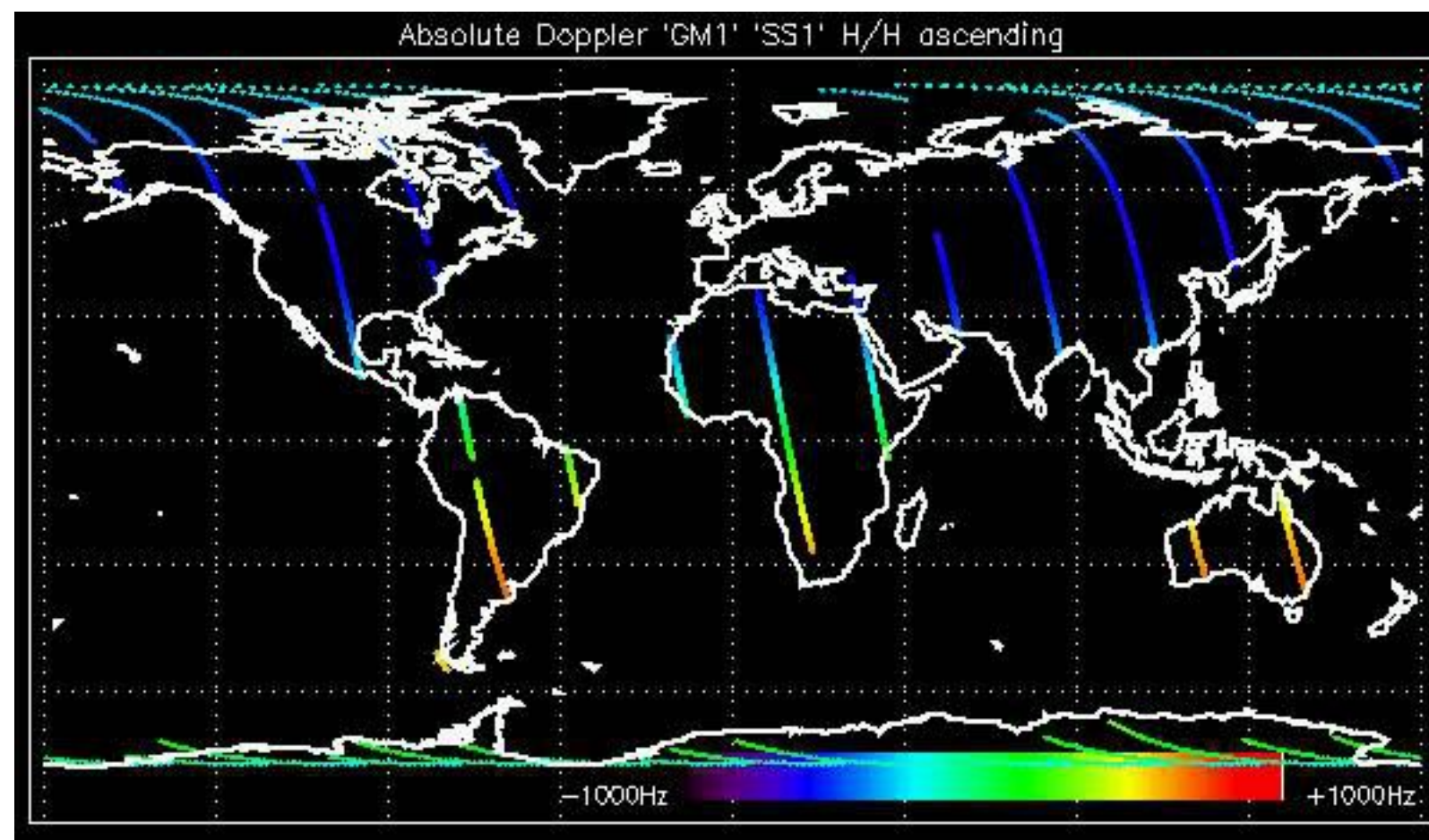
| Filename                                                       | Pol | Timestamp           | count(Module) |
|----------------------------------------------------------------|-----|---------------------|---------------|
| ASA_MS__0PNPDK20100210_071817_000000162086_00421_41557_0977.N1 | H   | 2010-02-10 07:18:17 | 320           |

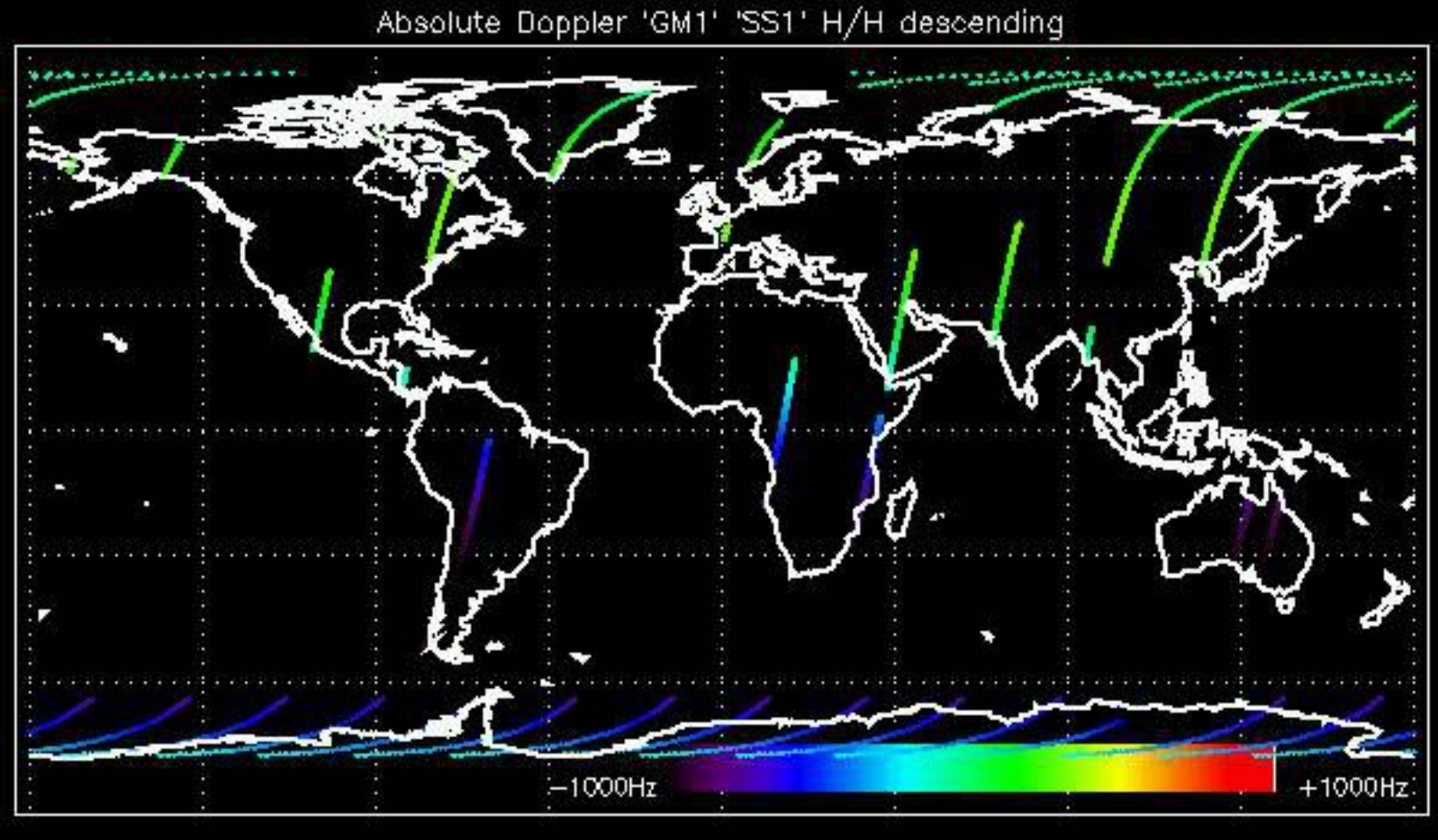


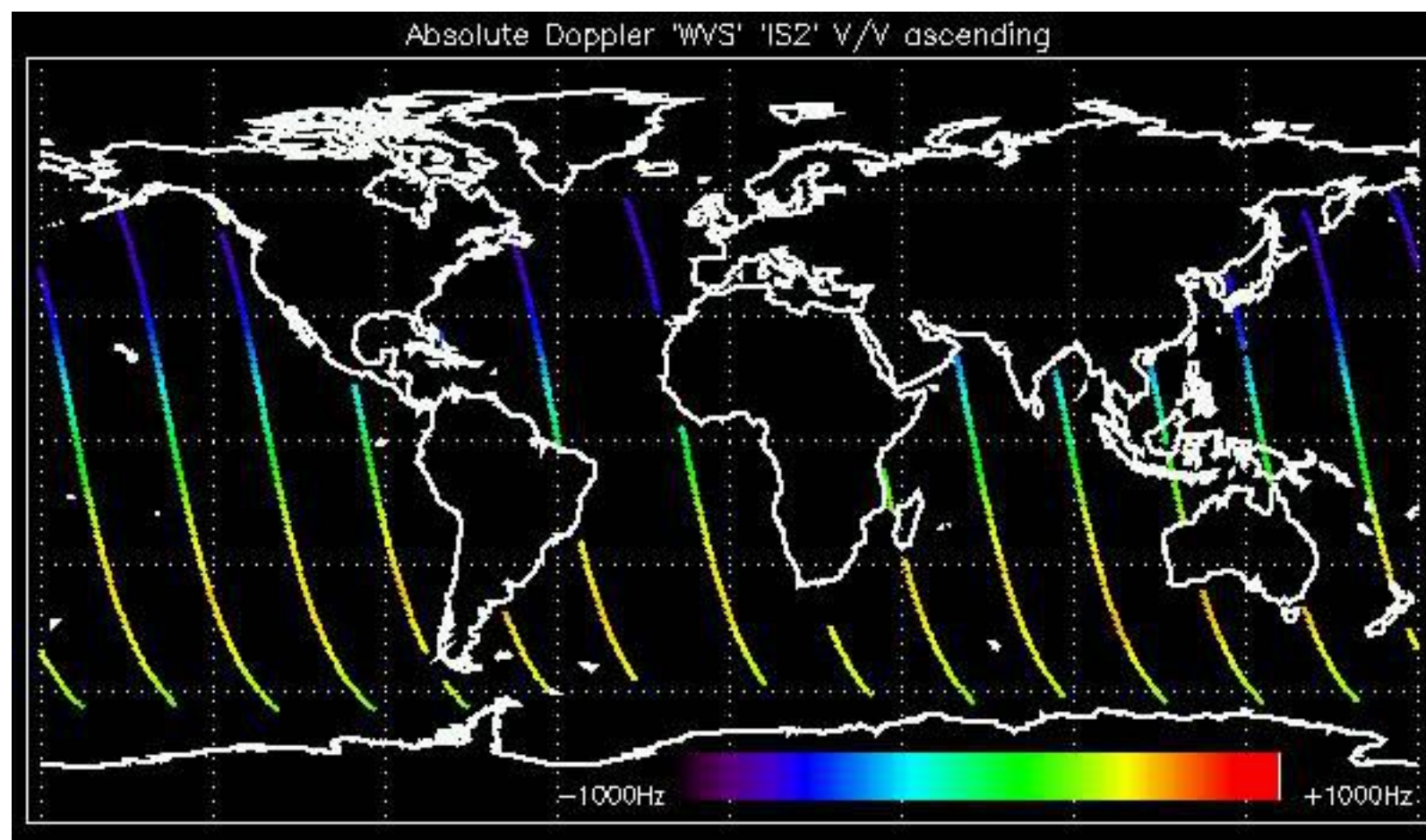
| Filename                                                       | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|----------------------------------------------------------------|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WSM_1PNPDE20100209_235829_000003242086_00417_41553_0386.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41553 | 417 | 5.03 |
| ASA_WSM_1PNPDE20100210_004744_000002882086_00417_41553_0383.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41553 | 417 | 5.03 |
| ASA_WSM_1PNPDE20100210_012904_000001772086_00418_41554_0387.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_WSM_1PNPDE20100210_022721_000002942086_00418_41554_0416.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41554 | 418 | 5.03 |
| ASA_WSM_1PNPDE20100210_025403_000000862086_00419_41555_0418.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WSM_1PNPDE20100210_040639_000003062086_00419_41555_0440.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41555 | 419 | 5.03 |
| ASA_WSM_1PNPDE20100210_045715_000005692086_00420_41556_0422.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_WSM_1PNPDE20100210_054908_000001412086_00420_41556_0446.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41556 | 420 | 5.03 |
| ASA_WSM_1PNPDE20100210_063952_000005632086_00421_41557_0453.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_WSM_1PNPDE20100210_065842_000000982086_00421_41557_0455.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41557 | 421 | 5.03 |
| ASA_WSM_1PNPDE20100210_071104_000001472086_00421_41557_0454.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41557 | 421 | 5.03 |
| ASA_WSM_1PNPDK20100210_072957_000001532086_00421_41557_1177.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41557 | 421 | 5.03 |
| ASA_WSM_1PNPDE20100210_081945_000002392086_00422_41558_0476.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_WSM_1PNPDK20100210_082227_000002692086_00422_41558_1179.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_WSM_1PNPDK20100210_082723_000001162086_00422_41558_1180.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41558 | 422 | 5.03 |
| ASA_WSM_1PNPDK20100210_084427_000000982086_00422_41558_1196.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41558 | 422 | 5.03 |
| ASA_WSM_1PNPDK20100210_090848_000002942086_00422_41558_1203.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41558 | 422 | 5.03 |
| ASA_WSM_1PNPDE20100210_095911_000001412086_00423_41559_0493.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_WSM_1PNPDK20100210_100512_000000922086_00423_41559_1205.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_WSM_1PNPDE20100210_101002_000005082086_00423_41559_0494.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41559 | 423 | 5.03 |
| ASA_WSM_1PNPDE20100210_101918_000001472086_00423_41559_0495.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41559 | 423 | 5.03 |
| ASA_WSM_1PNPDE20100210_105118_000001712086_00423_41559_0517.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41559 | 423 | 5.03 |
| ASA_WSM_1PNPDE20100210_112835_000003062086_00424_41560_0519.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_WSM_1PNPDK20100210_113750_000005022086_00424_41560_1229.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_WSM_1PNPDE20100210_120525_000003062086_00424_41560_0521.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41560 | 424 | 5.03 |
| ASA_WSM_1PNPDK20100210_123013_000003002086_00424_41560_1248.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41560 | 424 | 5.03 |
| ASA_WSM_1PNPDK20100210_131846_000001102086_00425_41561_1245.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_WSM_1PNPDE20100210_141316_000001472086_00425_41561_0535.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41561 | 425 | 5.03 |
| ASA_WSM_1PNPDK20100210_145630_000004592086_00426_41562_1268.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_WSM_1PNPDE20100210_150421_000000862086_00426_41562_0537.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_WSM_1PNPDE20100210_151255_000000922086_00426_41562_0538.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_WSM_1PNPDE20100210_155314_000001842086_00426_41562_0531.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41562 | 426 | 5.03 |
| ASA_WSM_1PNPDK20100210_163338_000002392086_00427_41563_1287.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_WSM_1PNPDK20100210_163901_000002142086_00427_41563_1288.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_WSM_1PNPDE20100210_164539_000001842086_00427_41563_0541.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_WSM_1PNPDE20100210_165002_000002452086_00427_41563_0542.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41563 | 427 | 5.03 |
| ASA_WSM_1PNPDE20100210_173516_000001222086_00427_41563_0540.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41563 | 427 | 5.03 |
| ASA_WSM_1PNPDK20100210_180857_000003922086_00428_41564_1308.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDK20100210_181619_000003062086_00428_41564_1309.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDE20100210_182044_000001772086_00428_41564_0543.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDE20100210_182402_000002692086_00428_41564_0545.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDE20100210_191505_000001472086_00428_41564_0544.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDE20100210_192804_000001652086_00428_41564_0547.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41564 | 428 | 5.03 |
| ASA_WSM_1PNPDK20100210_194900_000000982086_00429_41565_1327.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDK20100210_195118_000005872086_00429_41565_1329.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDE20100210_200145_000000982086_00429_41565_0559.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDE20100210_200354_000001712086_00429_41565_0560.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDE20100210_205304_000003302086_00429_41565_0558.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDE20100210_210400_000002692086_00429_41565_0562.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41565 | 429 | 5.03 |
| ASA_WSM_1PNPDE20100210_212704_000000982086_00430_41566_0576.N1 |      |     |             |          |          | SS1         | V/V | 86 | 41566 | 430 | 5.03 |
| ASA_WSM_1PNPDK20100210_213526_000003062086_00430_41566_1333.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_WSM_1PNPDE20100210_213952_000002022086_00430_41566_0577.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_WSM_1PNPDE20100210_214358_000002452086_00430_41566_0578.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_WSM_1PNPDE20100210_223324_000003982086_00430_41566_0575.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41566 | 430 | 5.03 |
| ASA_WSM_1PNPDK20100210_231342_000001652086_00431_41567_1340.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |
| ASA_WSM_1PNPDE20100210_232652_000002812086_00431_41567_0597.N1 |      |     |             |          |          | SS1         | H/H | 86 | 41567 | 431 | 5.03 |

| Filename                                                       | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|----------------------------------------------------------------|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WVS_1PNPDE20100210_000417_000010942086_00417_41553_0373.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_002822_000004952086_00417_41553_0372.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_005231_000003292086_00417_41553_0376.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_005701_000002992086_00417_41553_0390.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_005231_000003292086_00417_41553_0376.N1 |      |     |             |          |          | IS1         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_010838_000008992086_00417_41553_0393.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41553 | 417 | 5.03 |
| ASA_WVS_1PNPDE20100210_014909_000000592086_00418_41554_0394.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41554 | 418 | 5.03 |
| ASA_WVS_1PNPDE20100210_015137_000004042086_00418_41554_0395.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41554 | 418 | 5.03 |
| ASA_WVS_1PNPDE20100210_020034_000010042086_00418_41554_0397.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41554 | 418 | 5.03 |
| ASA_WVS_1PNPDE20100210_023216_000003302086_00418_41554_0400.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41554 | 418 | 5.03 |
| ASA_WVS_1PNPDE20100210_025531_000000742086_00419_41555_0404.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_033546_000001192086_00419_41555_0408.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_033731_000009142086_00419_41555_0429.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_035606_000001052086_00419_41555_0428.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_041142_000001052086_00419_41555_0425.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_041543_000010792086_00419_41555_0430.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41555 | 419 | 5.03 |
| ASA_WVS_1PNPDE20100210_051508_000010792086_00420_41556_0432.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41556 | 420 | 5.03 |
| ASA_WVS_1PNPDE20100210_053253_000003452086_00420_41556_0447.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41556 | 420 | 5.03 |
| ASA_WVS_1PNPDE20100210_055207_000019492086_00420_41556_0458.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41556 | 420 | 5.03 |
| ASA_WVS_1PNPDE20100210_070912_000000592086_00421_41557_0457.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41557 | 421 | 5.03 |
| ASA_WVS_1PNPDK20100210_071331_000002402086_00421_41557_1165.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41557 | 421 | 5.03 |
| ASA_WVS_1PNPDK20100210_073243_000020542086_00421_41557_1168.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41557 | 421 | 5.03 |
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| ASA_WVS_1PNPDK20100210_143340_000003292086_00425_41561_1263.N1 |      |     |             |          |          | IS2         | V/V | 86 | 41561 | 425 | 5.03 |
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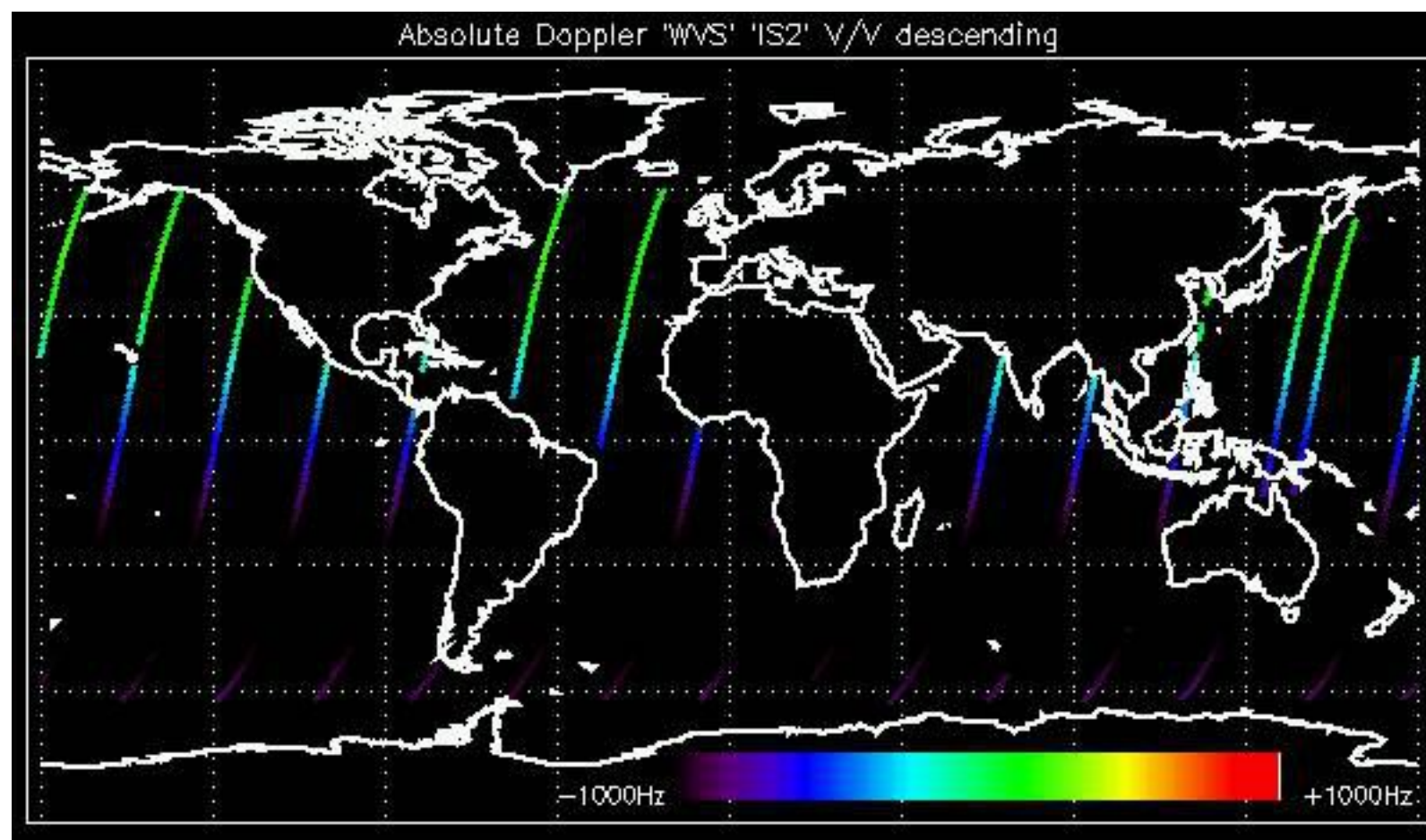




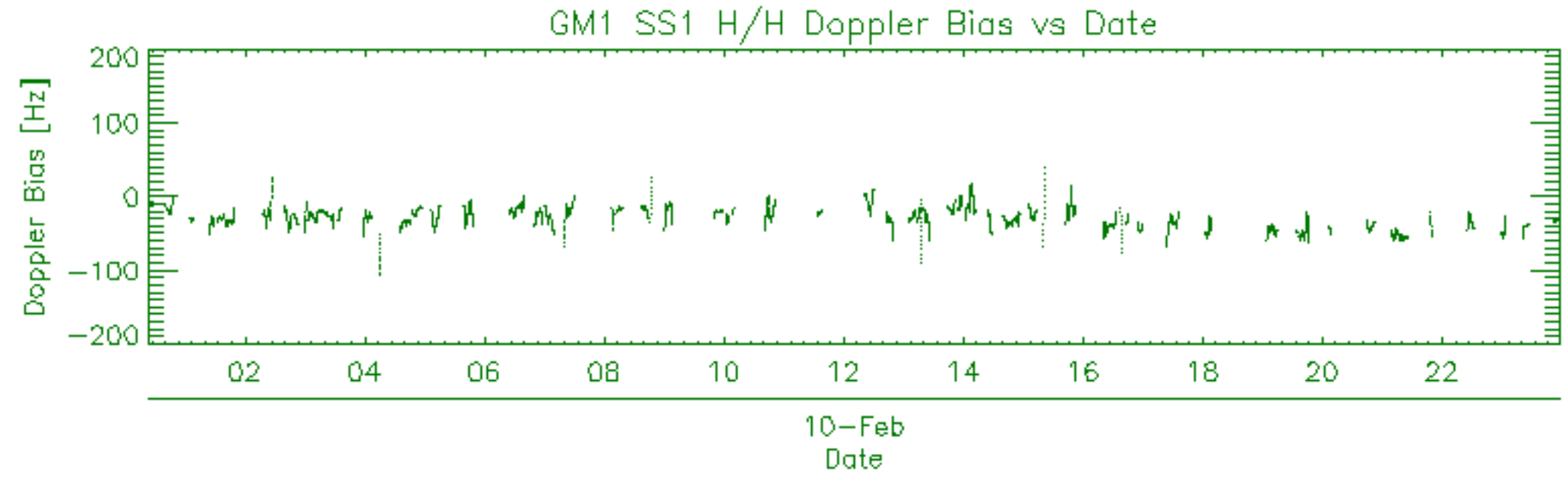
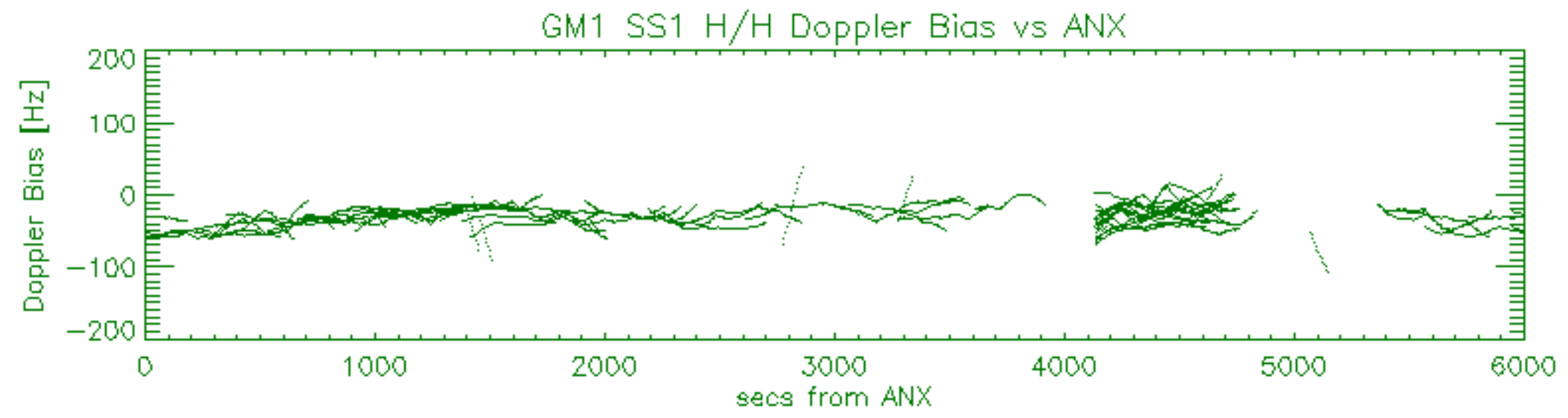
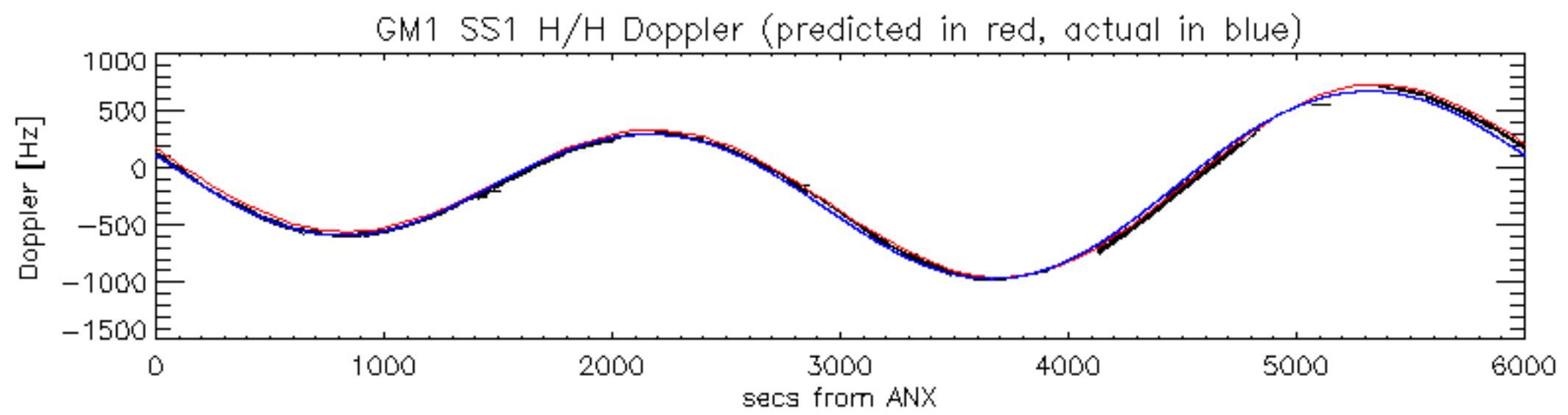


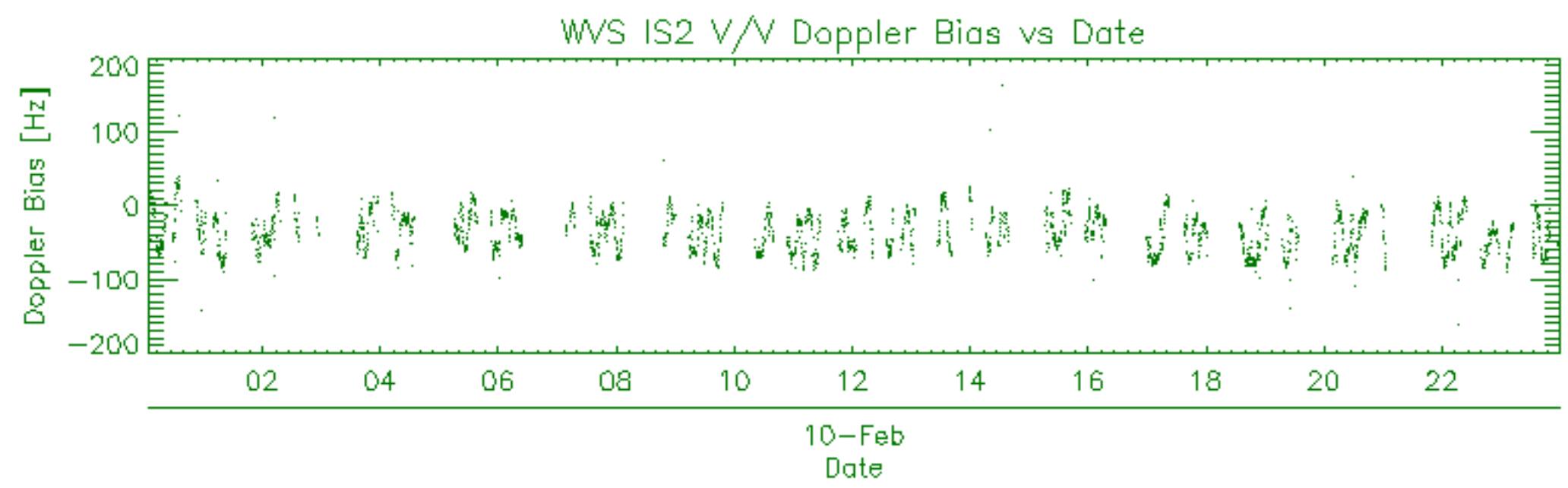
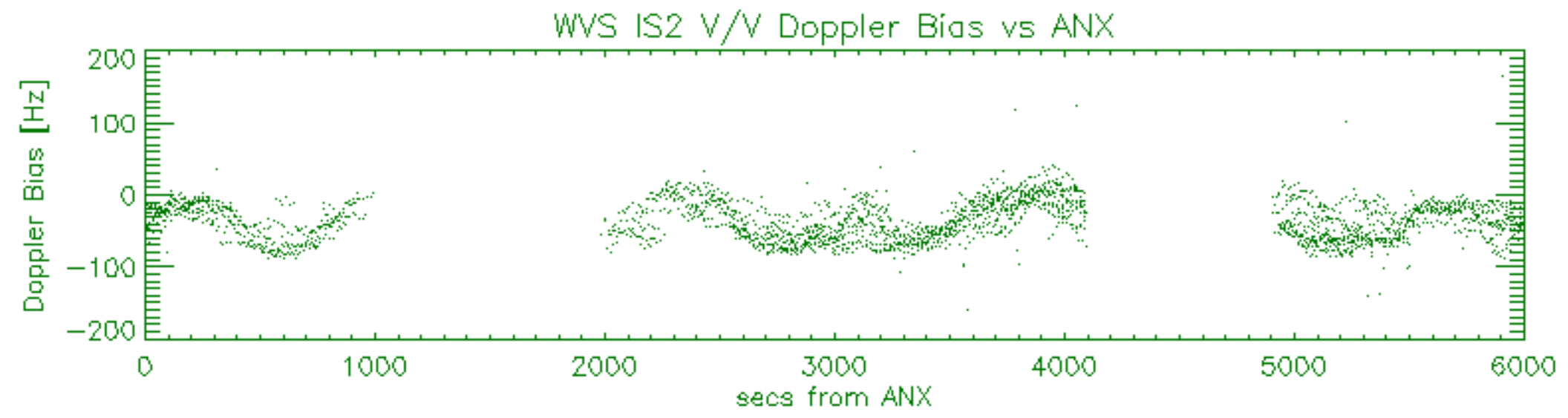
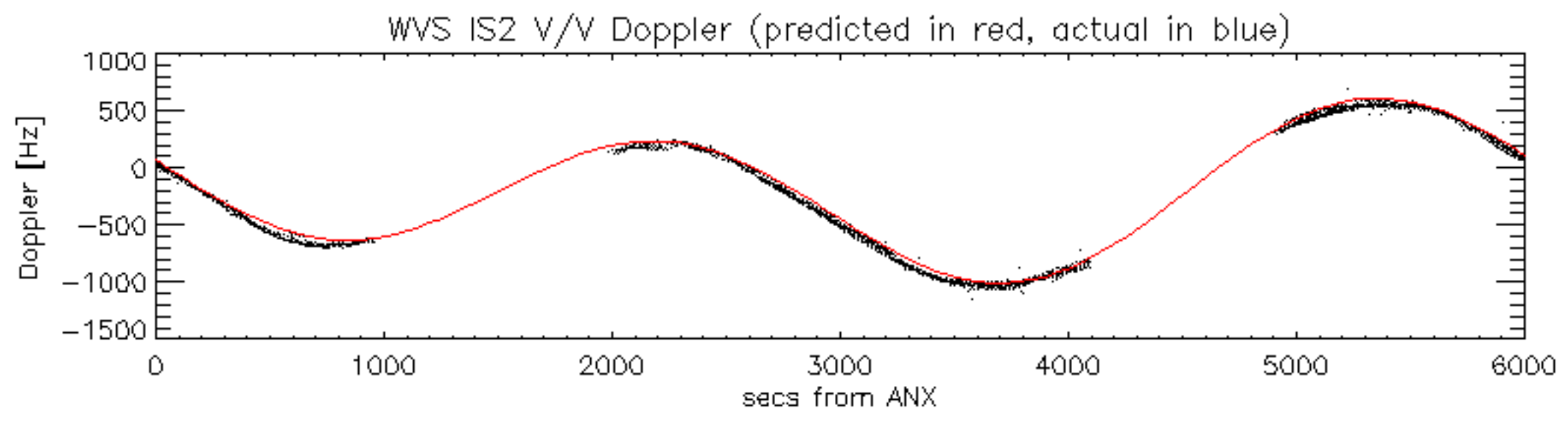


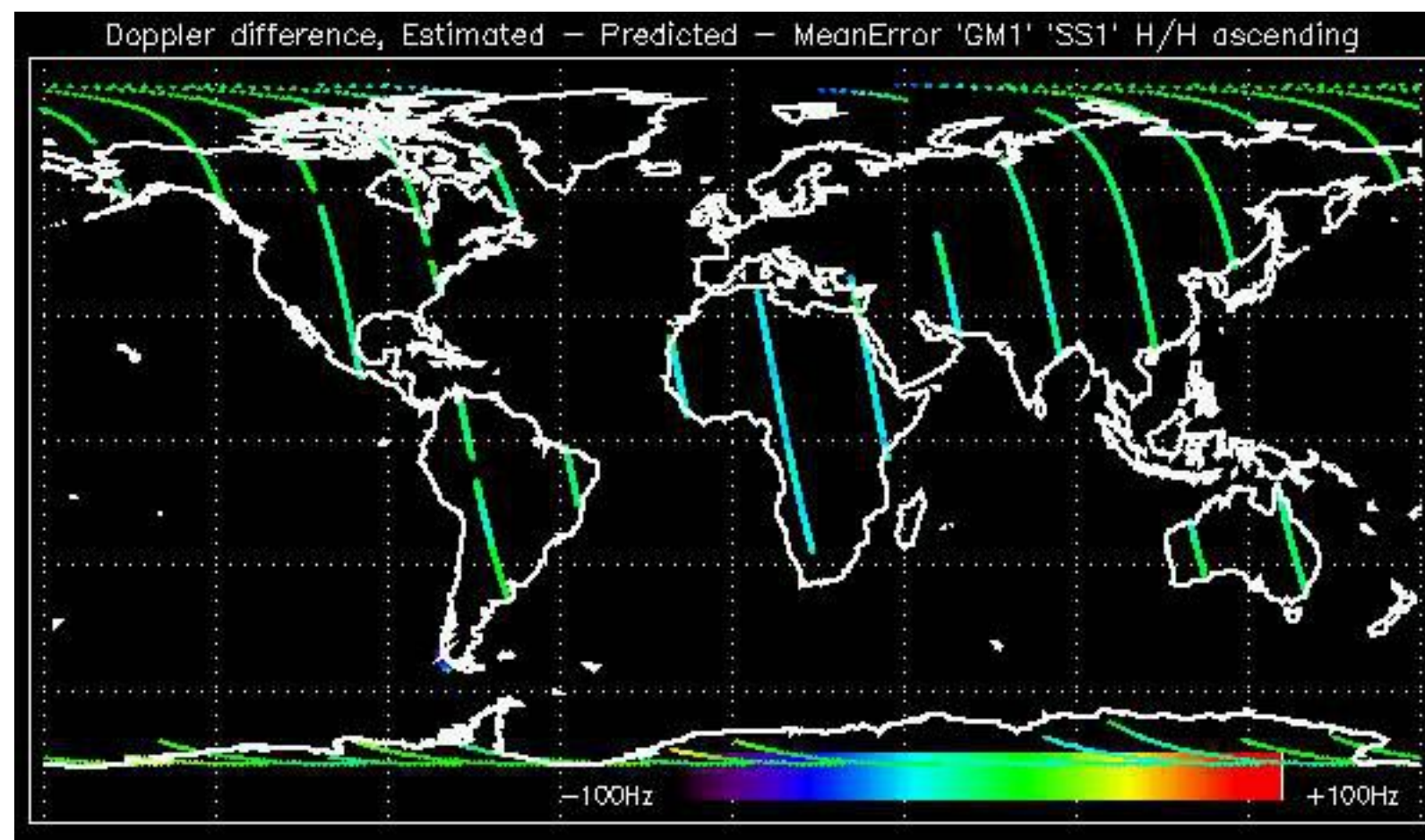


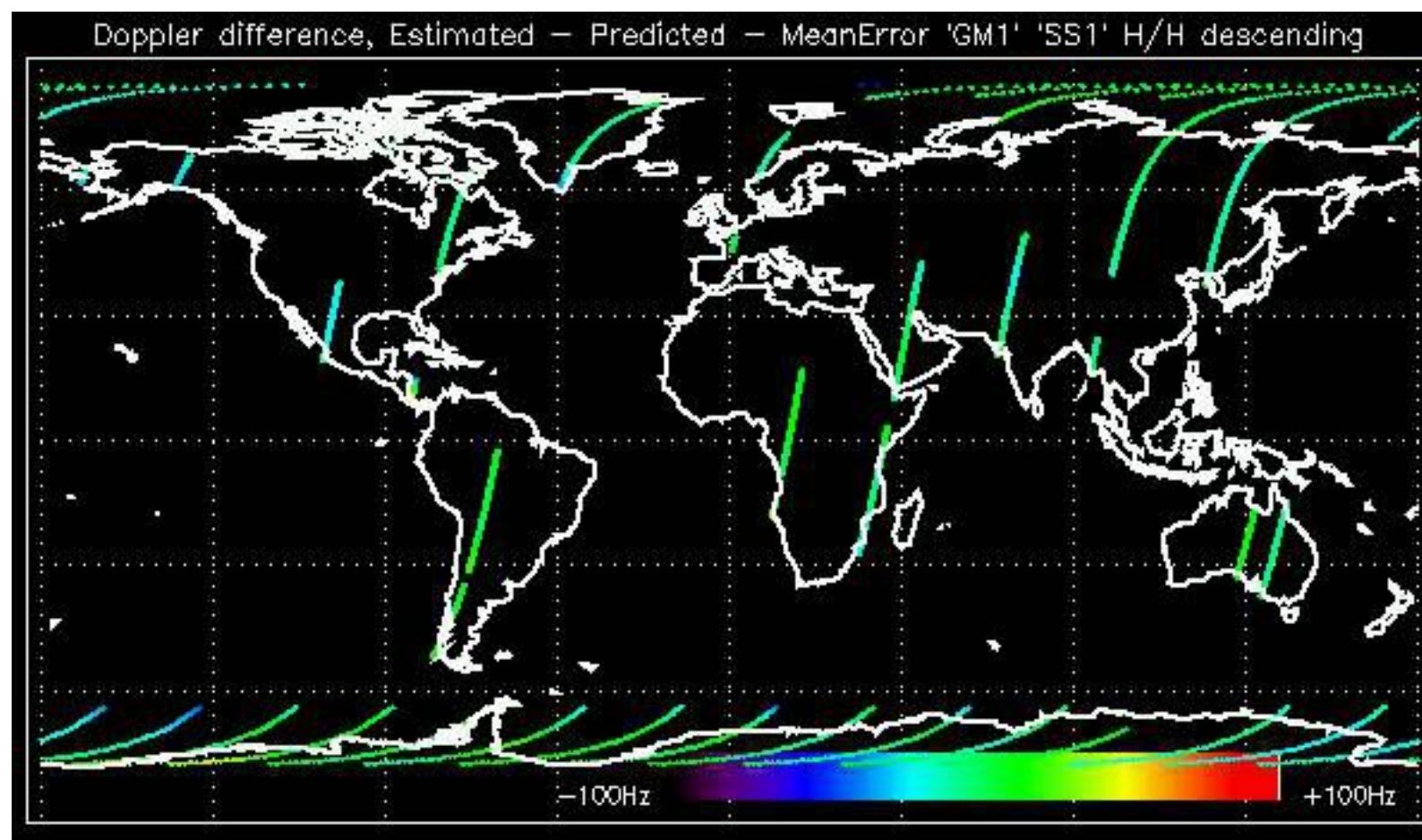




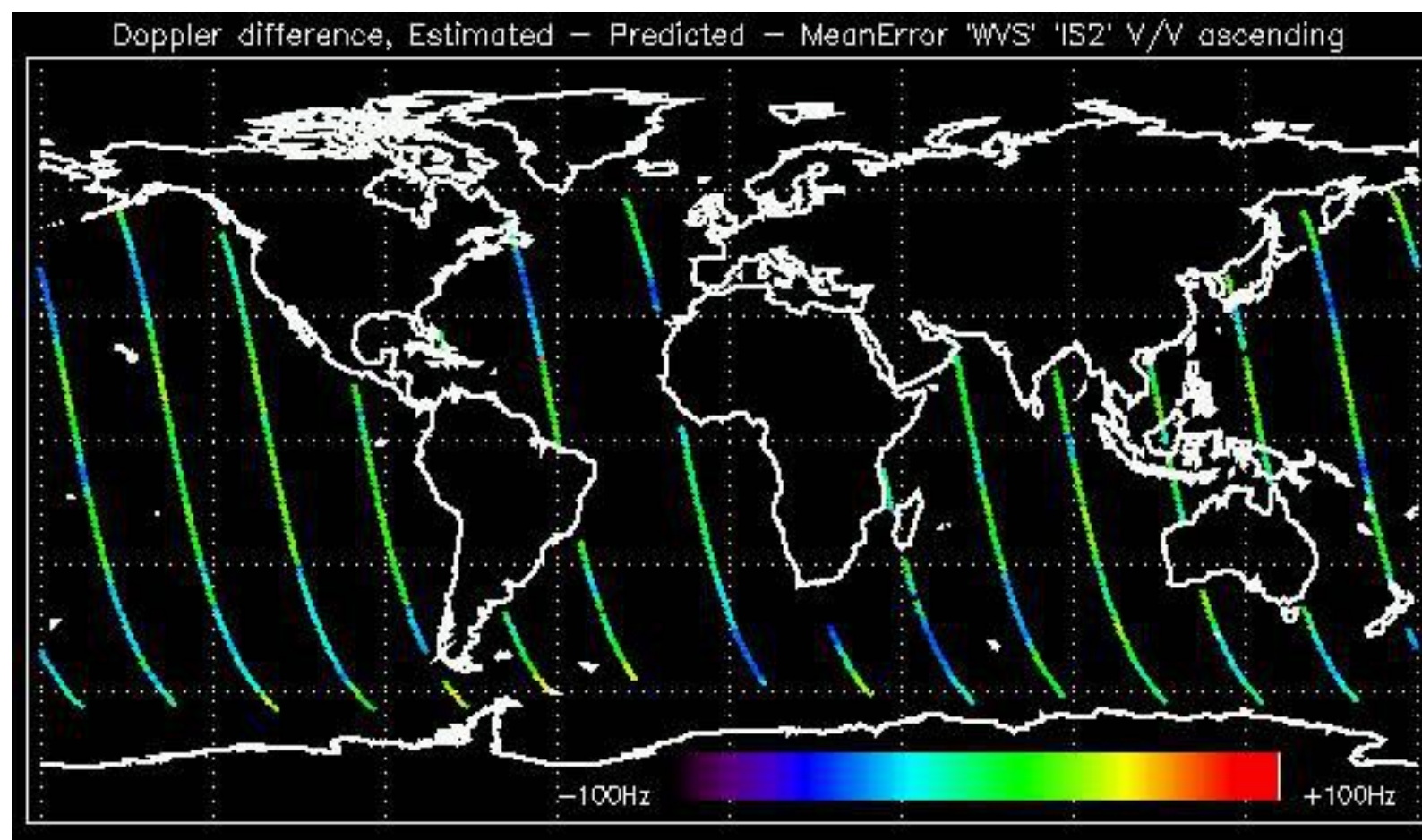


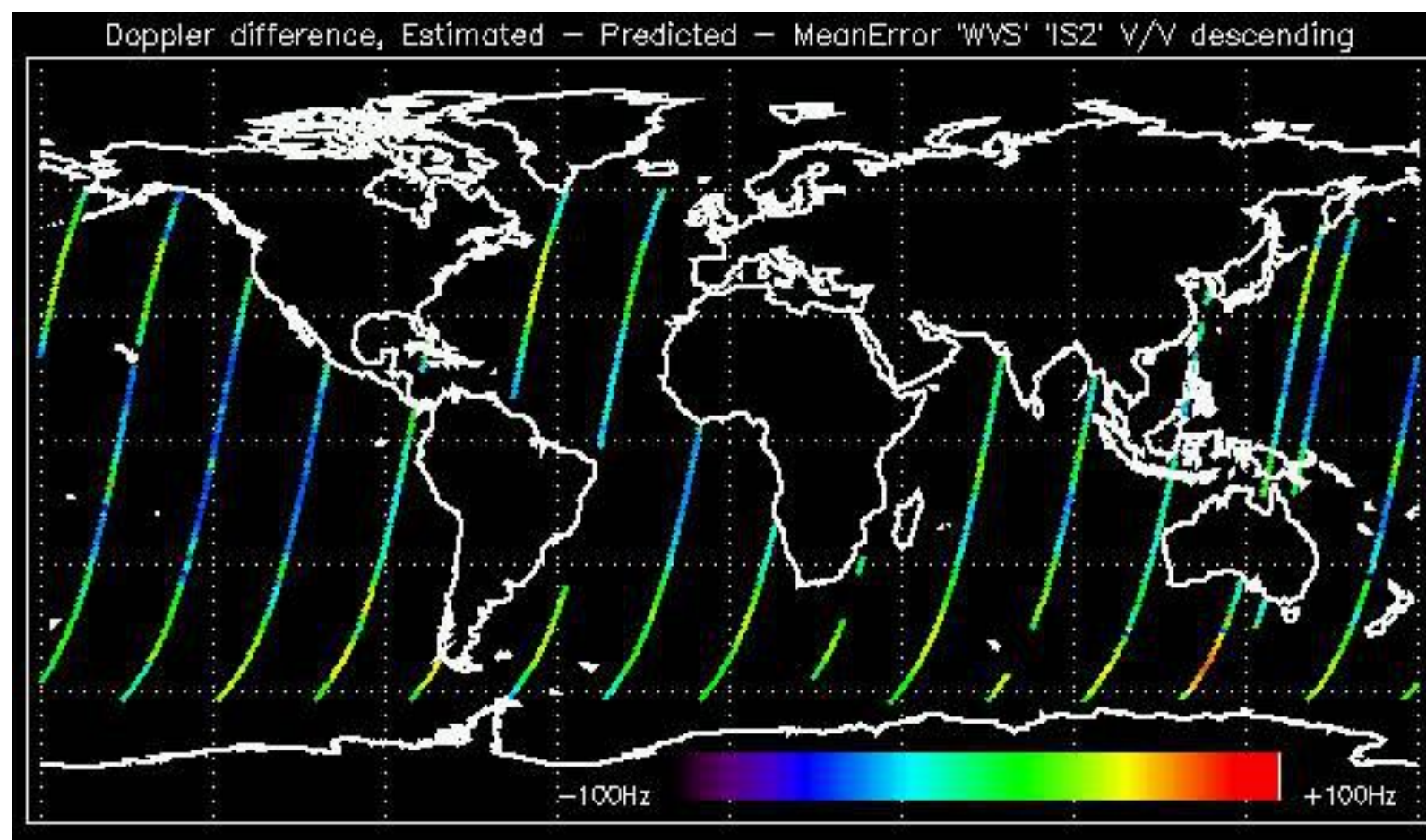


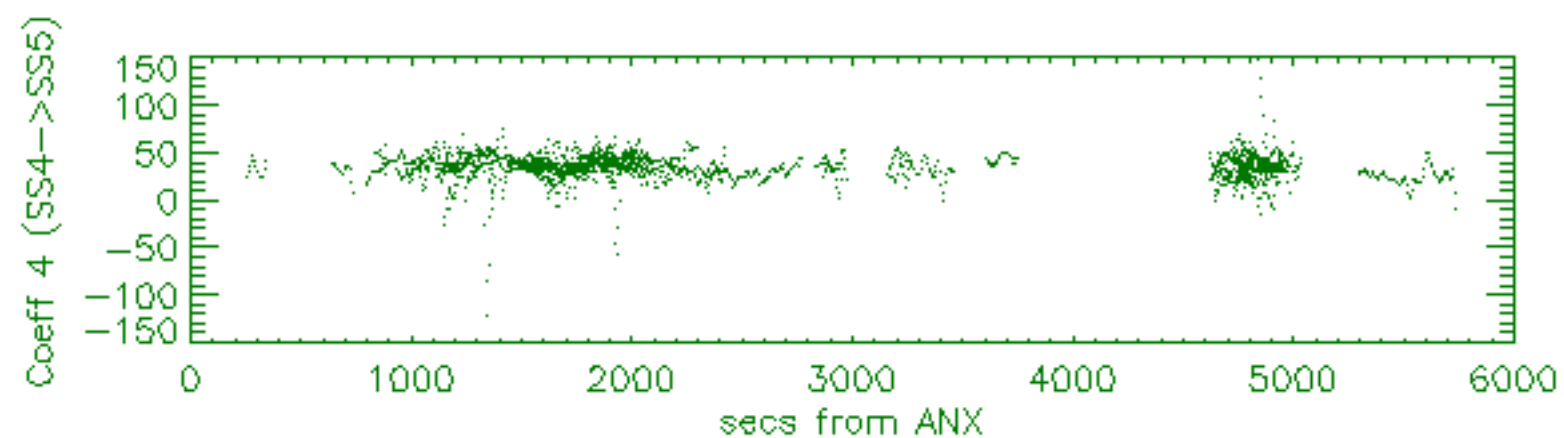
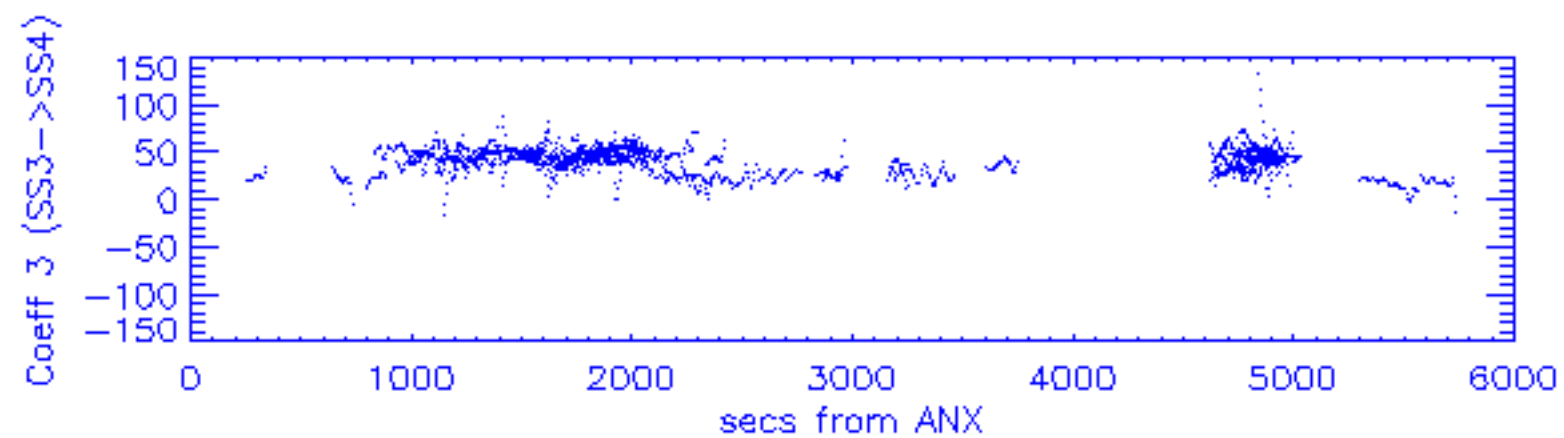
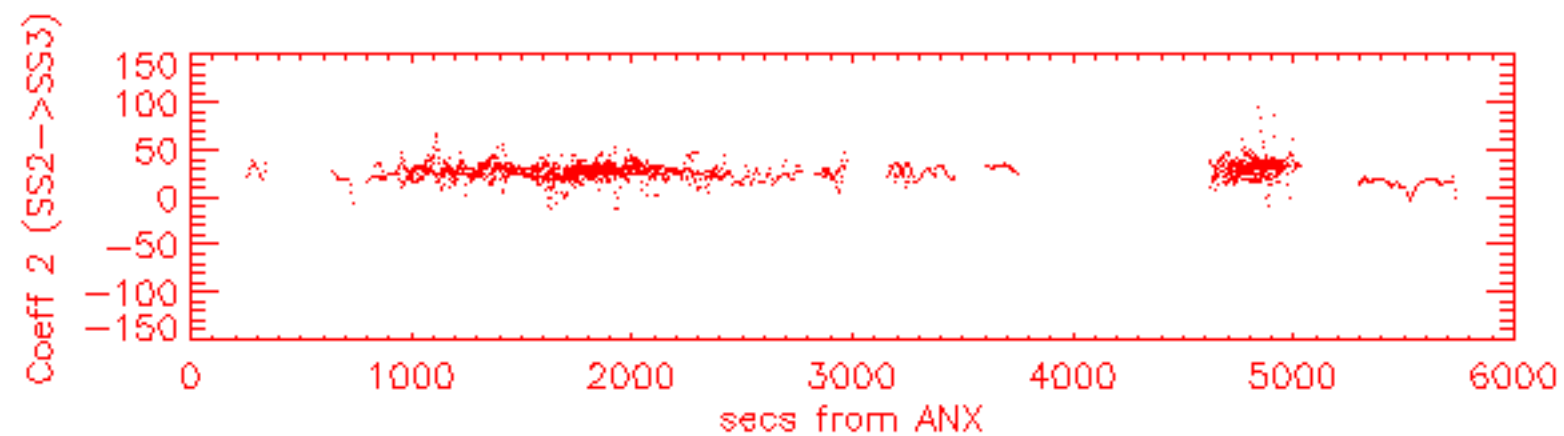
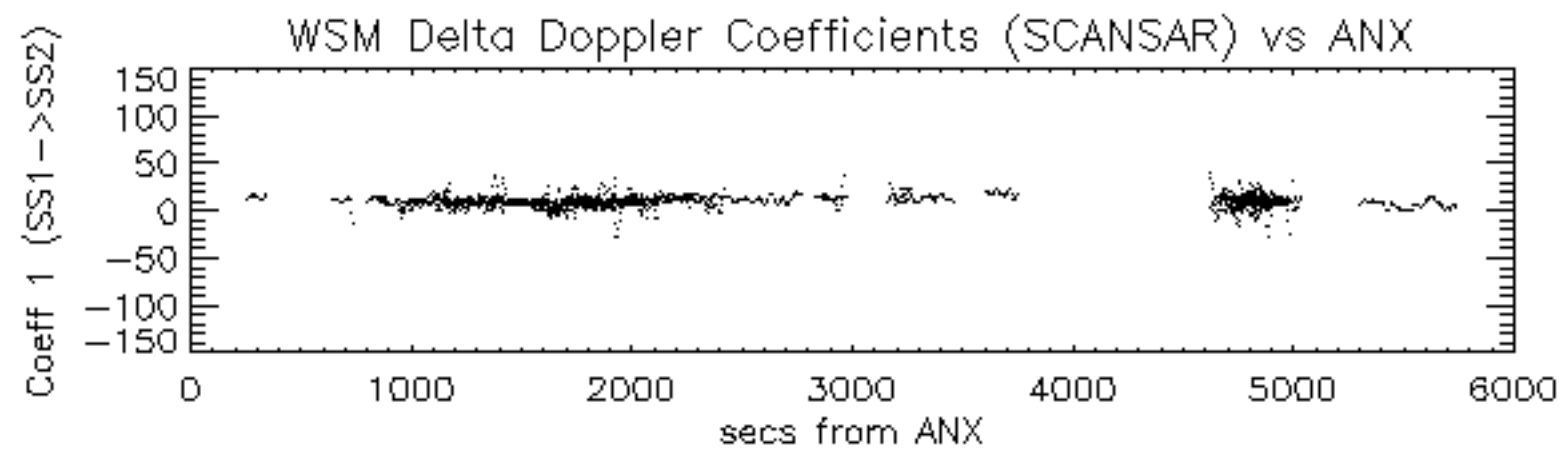


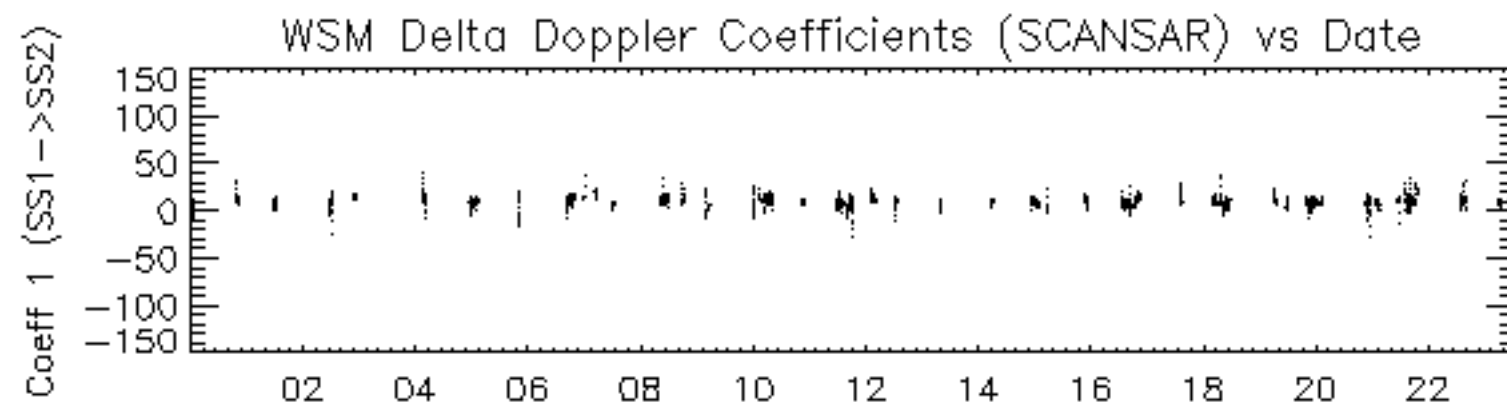




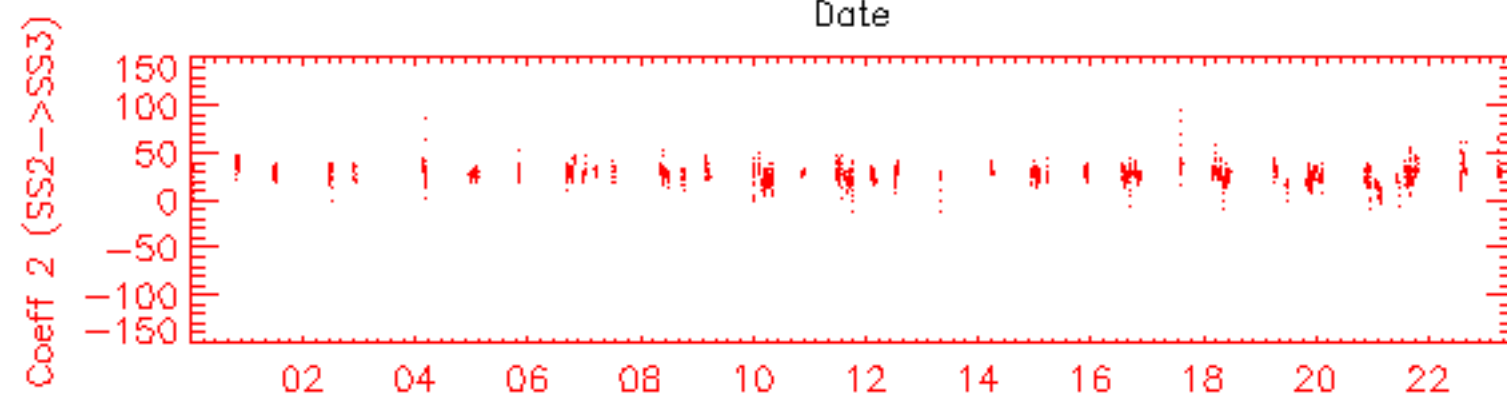




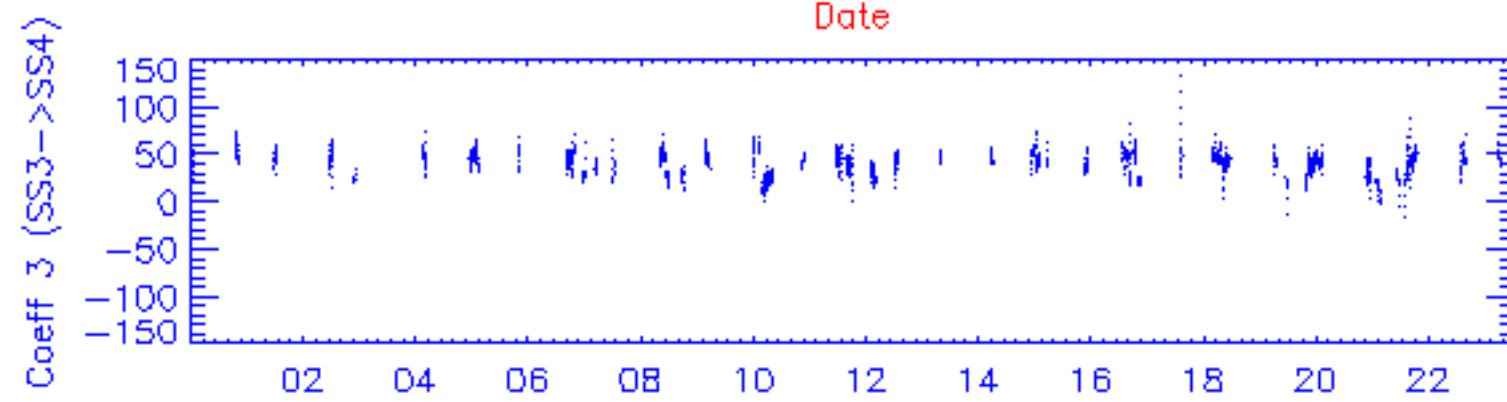




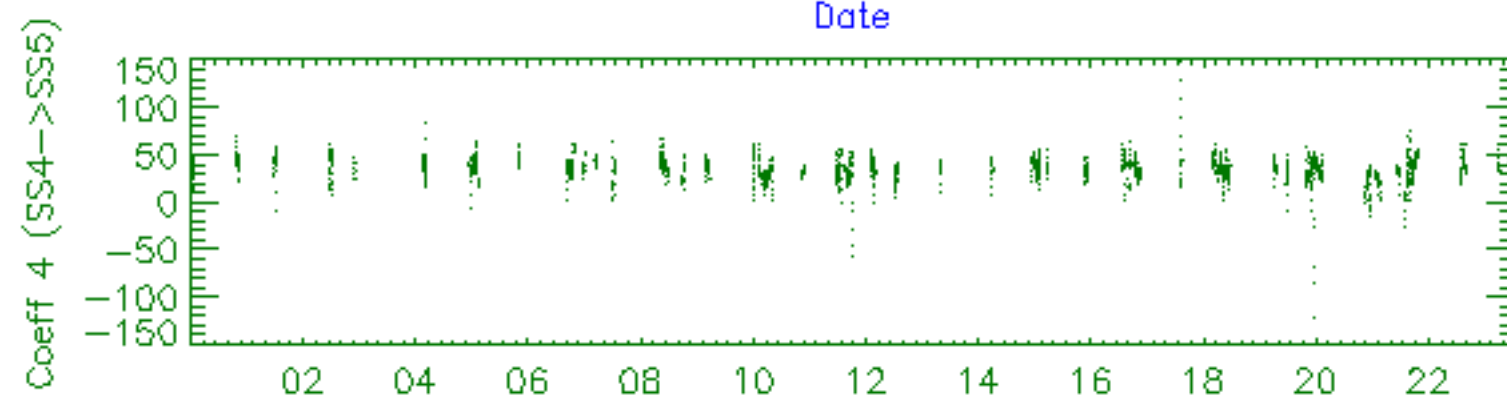
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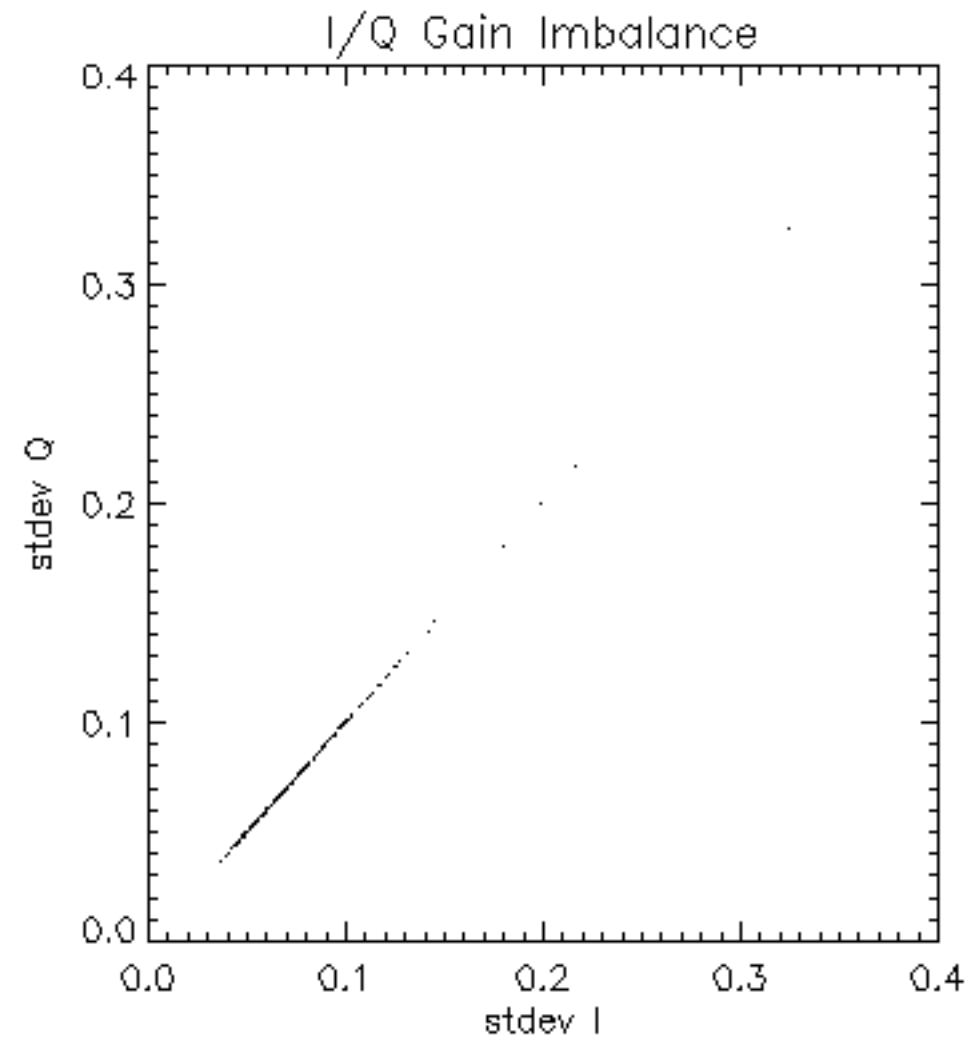


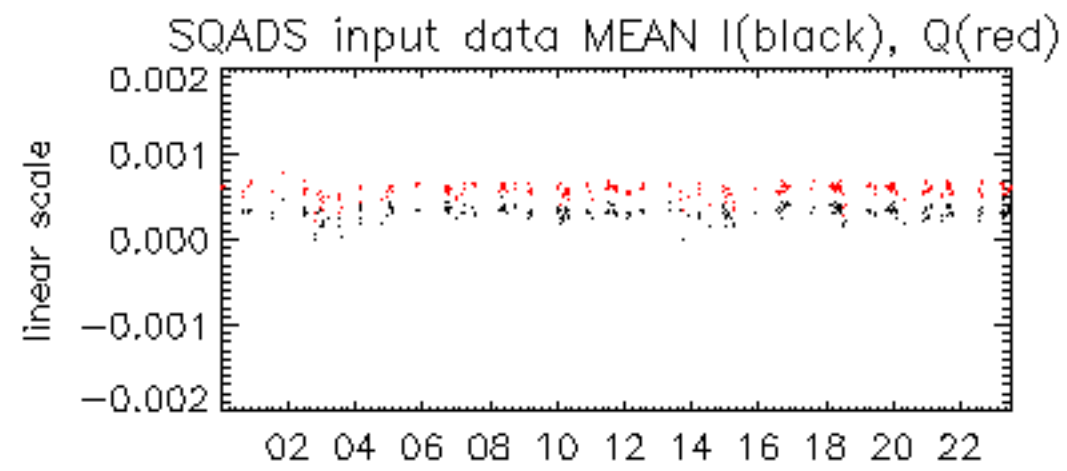




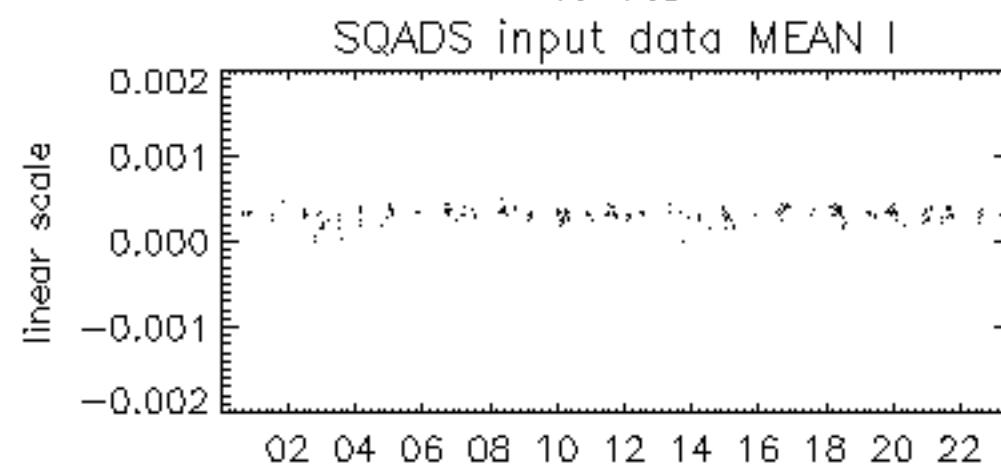




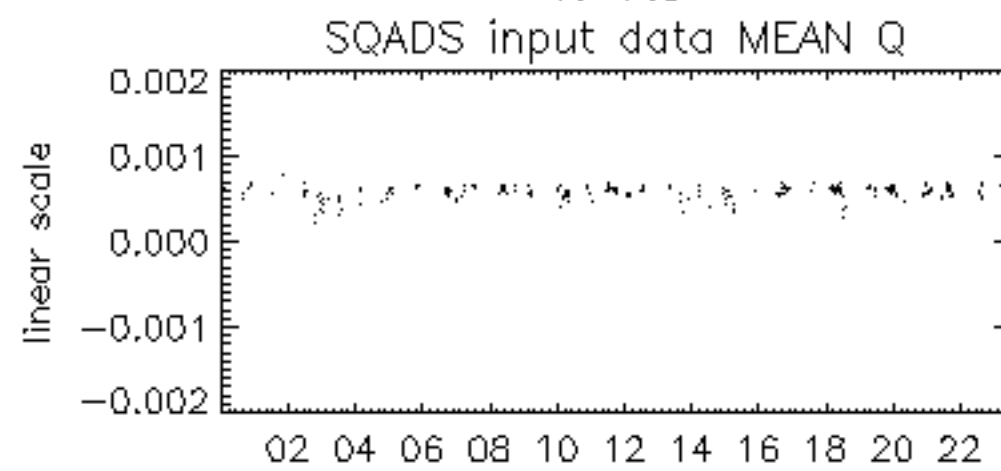




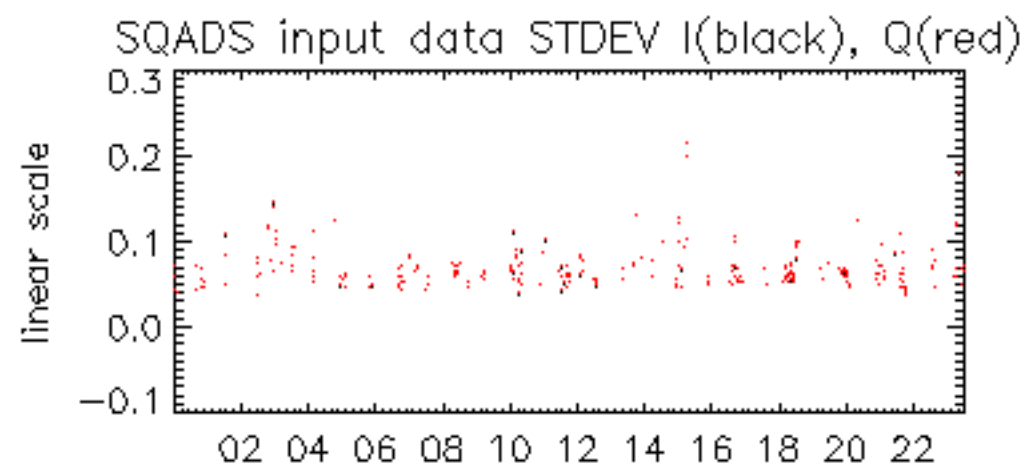
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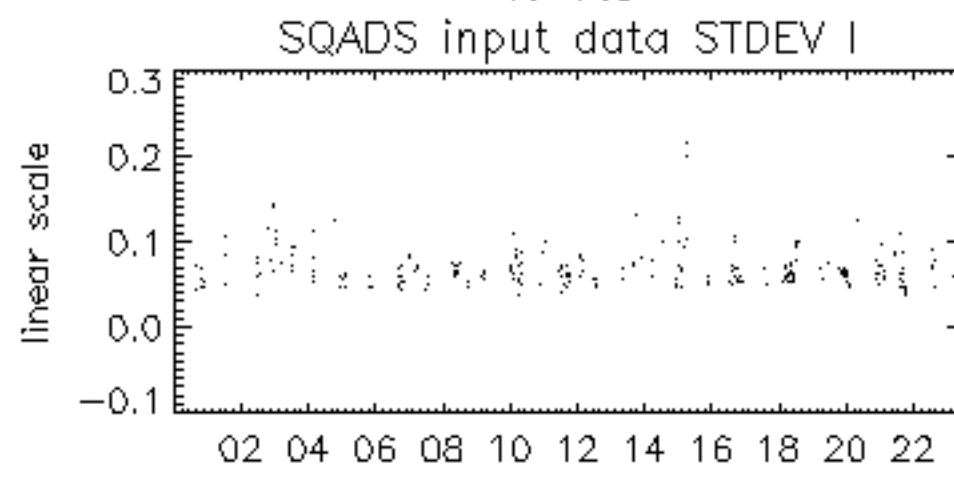
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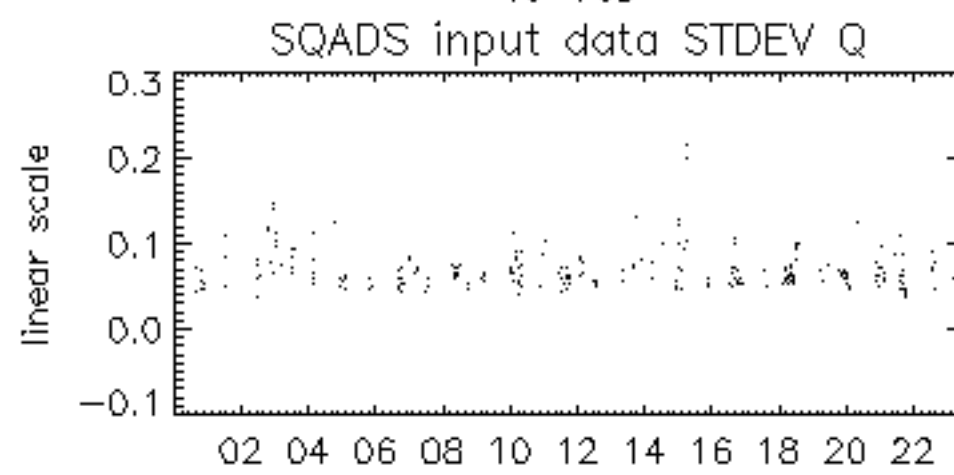
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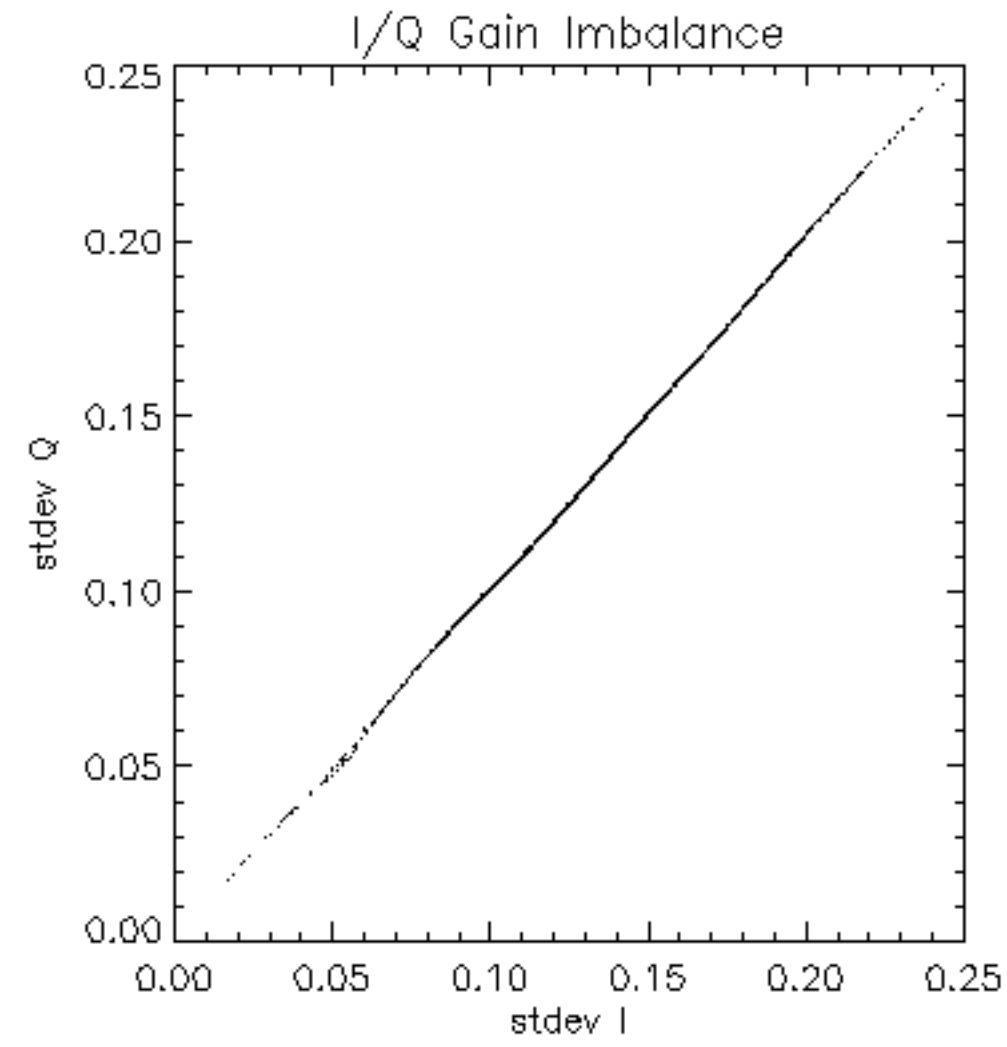
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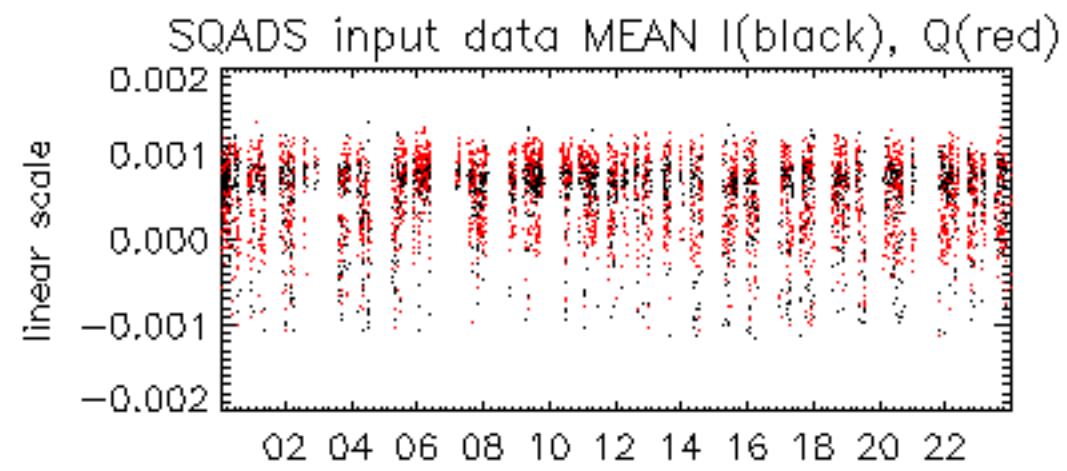
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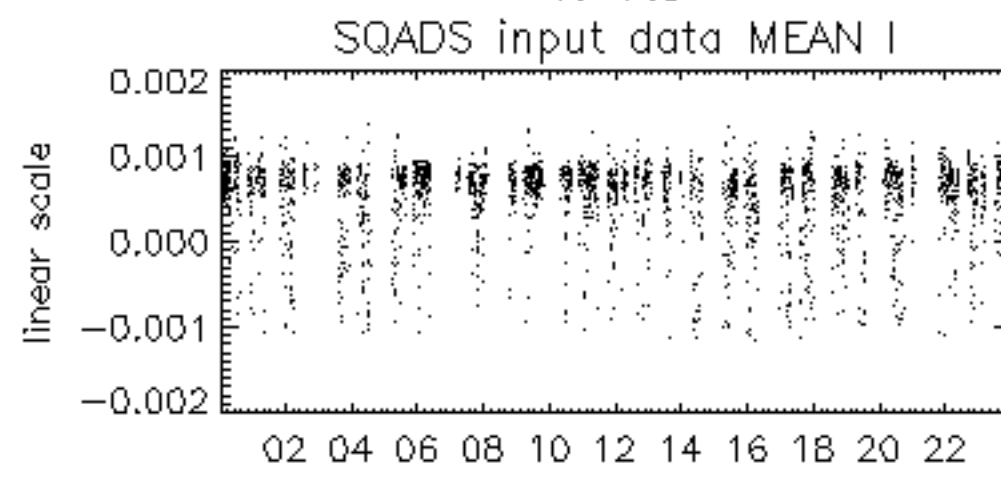
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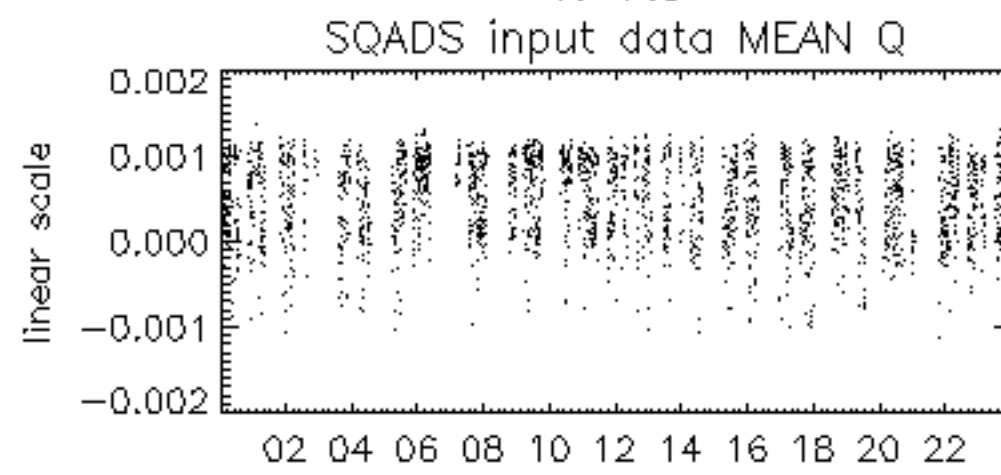




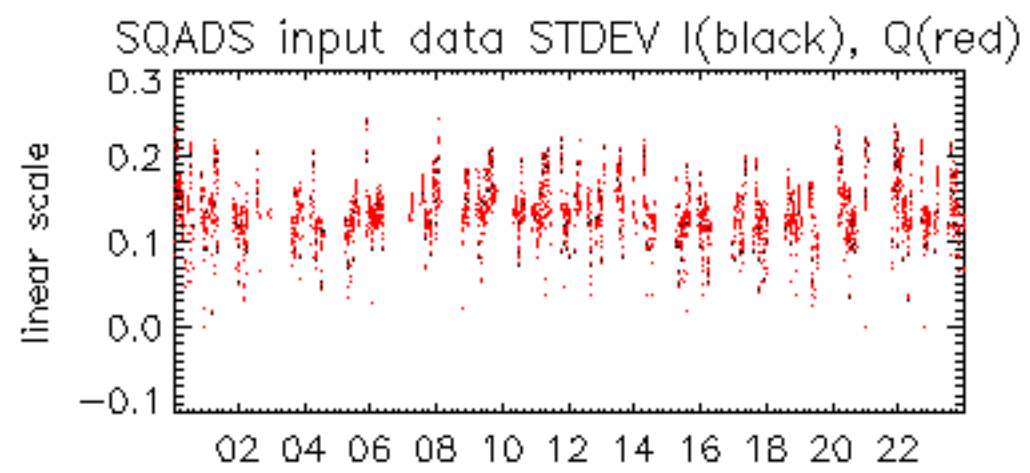
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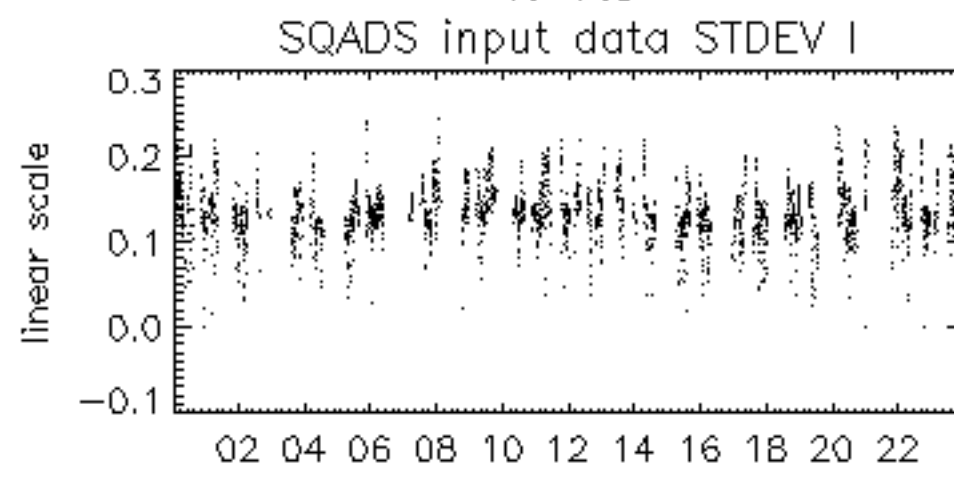
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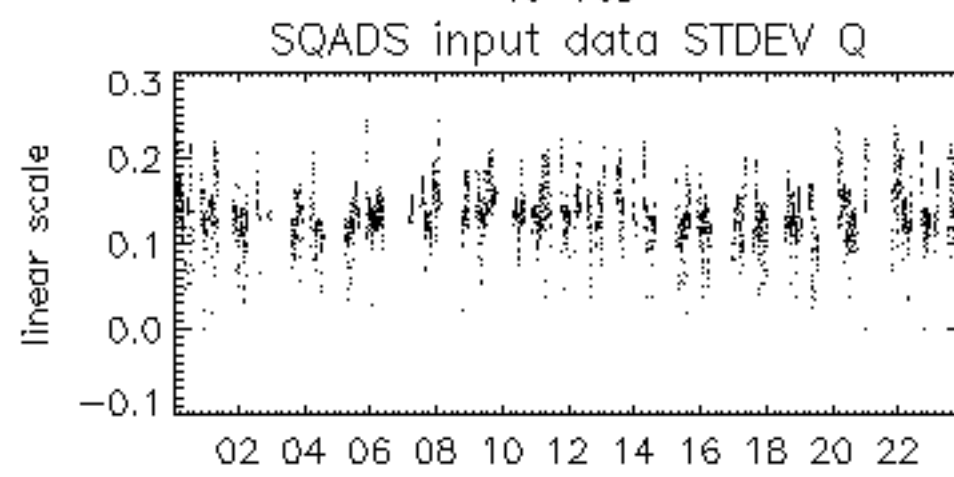
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