



Analysis from 25-NOV-2011 00:00:00 to 25-NOV-2011 23:59:59. Page generated on 26-NOV-2011 06:32:37.  
View log file: ASAR\_Daily\_Report\_20111126\_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |   | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 2  | PDE    | WS   | H/H | 36 | PDE    | IS1  | V/H | 2 | PDE    | IS1  | H/H | 2 | PDE    | WS   | H/H | 25 | PDE    | 2011-11-25 20:44:24 | H   | 320     |
| PDE    | IS2  | V/V | 27 | PDK    | WS   | H/H | 40 | PDE    | IS3  | V/H | 1 | PDE    | IS1  | V/V | 1 | PDE    | WS   | V/V | 10 | PDE    | 2011-11-25 22:24:38 | V   | 320     |
| PDK    | IS2  | V/V | 27 |        |      |     |    | PDE    | IS4  | H/H | 1 | PDE    | IS2  | H/H | 1 | PDK    | WS   | H/H | 11 |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS3  | H/H | 1 | PDK    | WS   | V/V | 3  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS4  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS4  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | H/H | 6 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS7  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS4  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS5  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS6  | H/H | 2 |        |      |     |    |        |                     |     |         |

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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| ADFs disseminated for ASAR                                    |
|---|
| ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000 |
| ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959 |
| ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000 |
| ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000 |

### 2.2 - Products with wrong ADFs

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

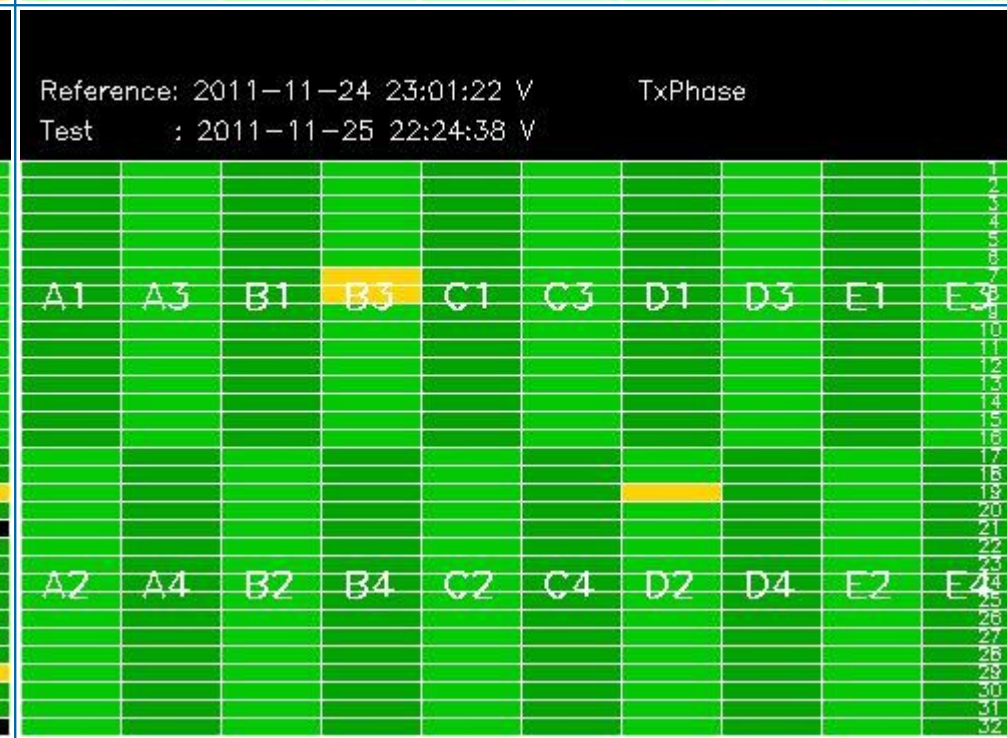
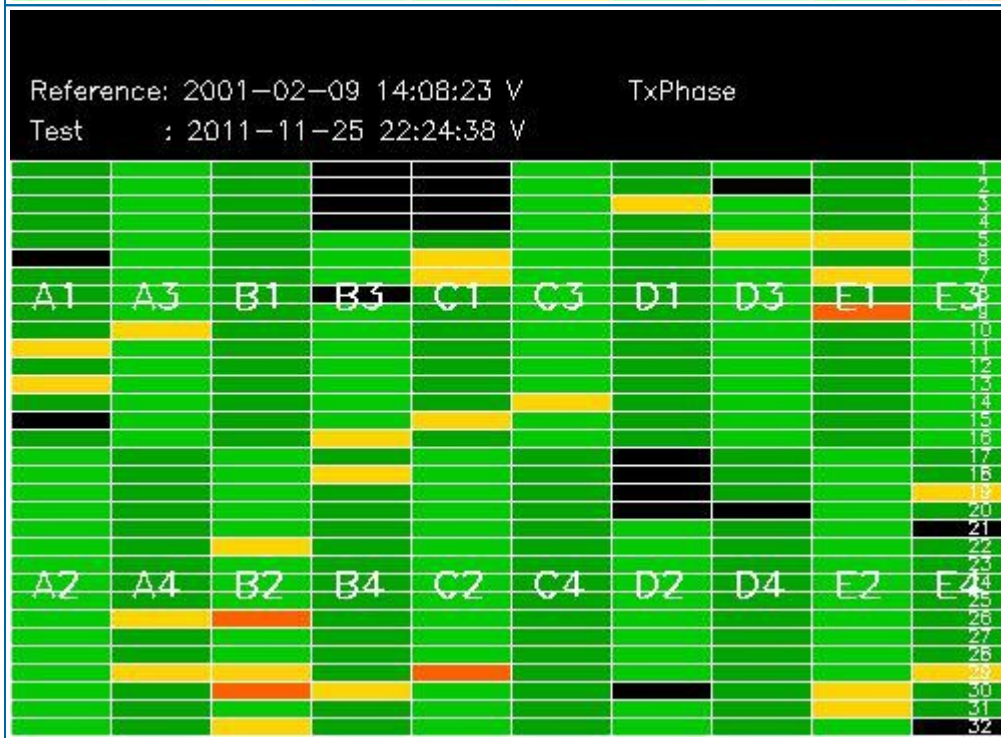
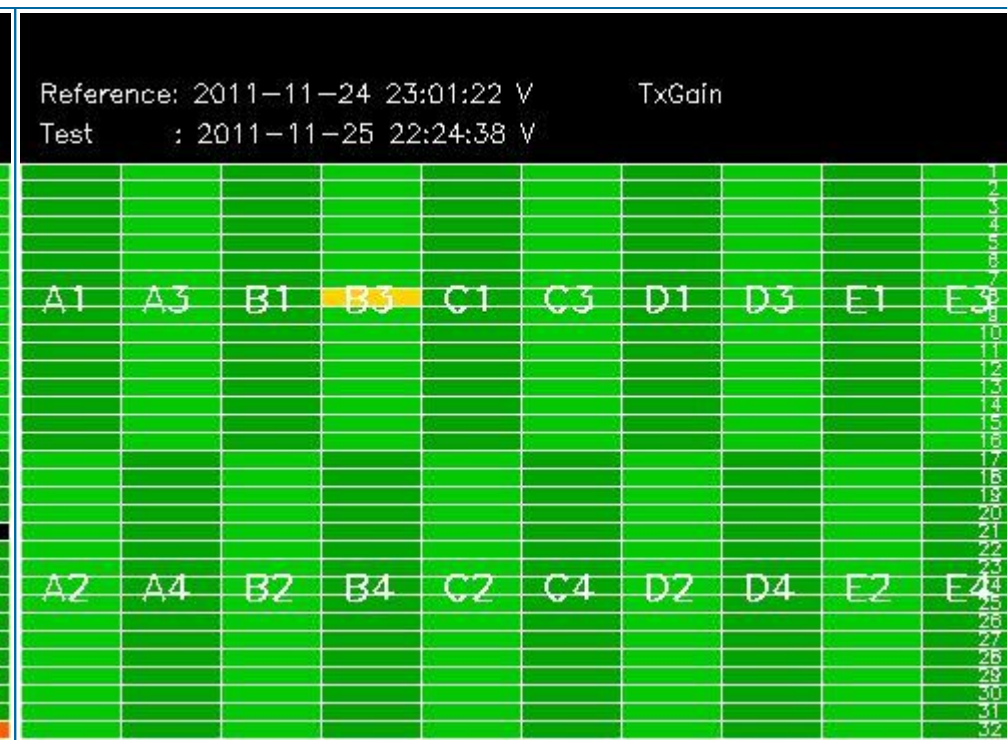
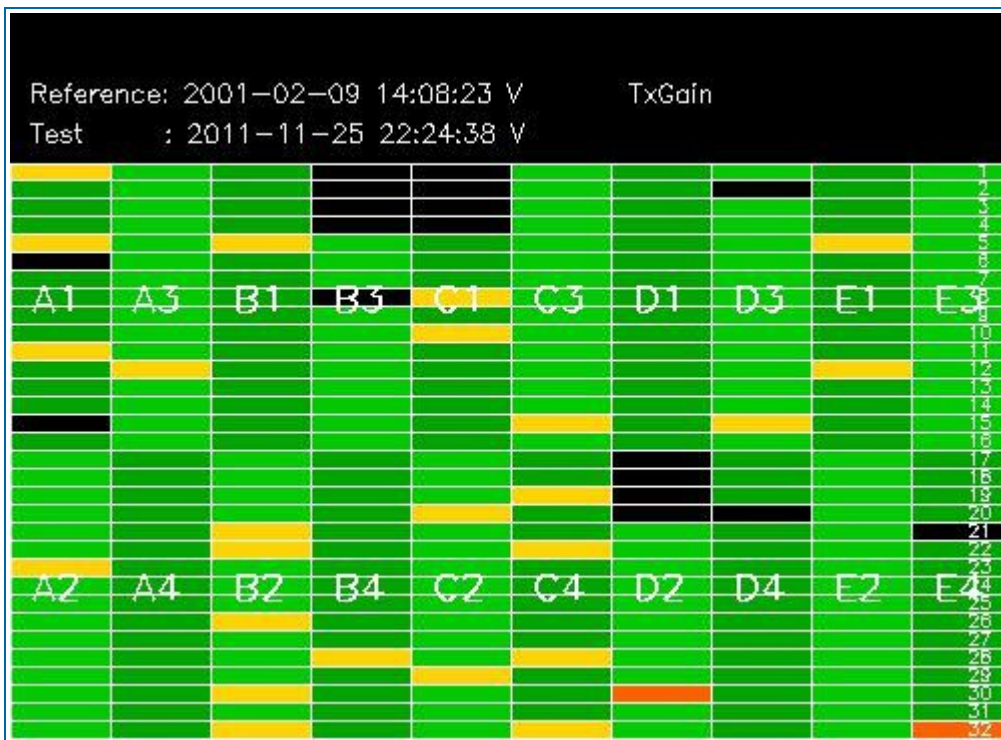
|     |   |   |   |   |
|-----|---|---|---|---|
| WSM | 0 | 0 | 0 | 0 |
|-----|---|---|---|---|

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS



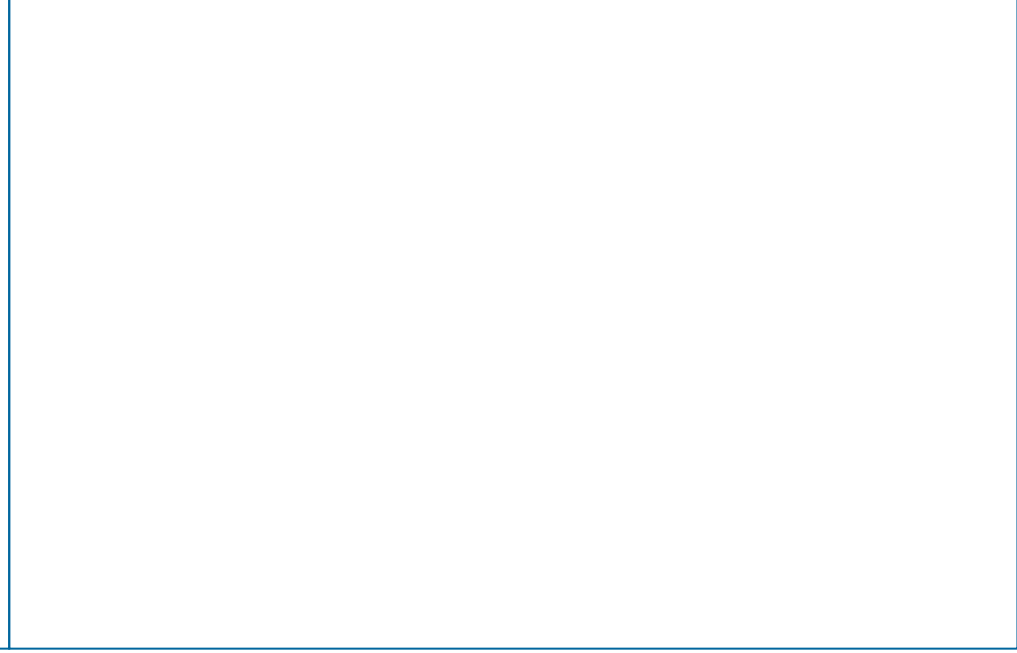
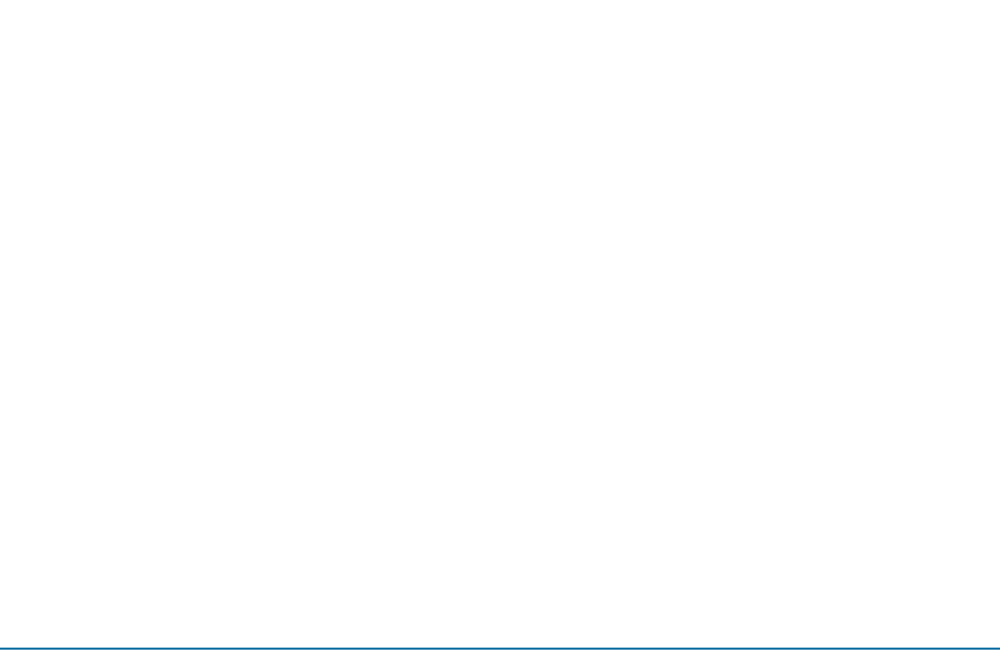
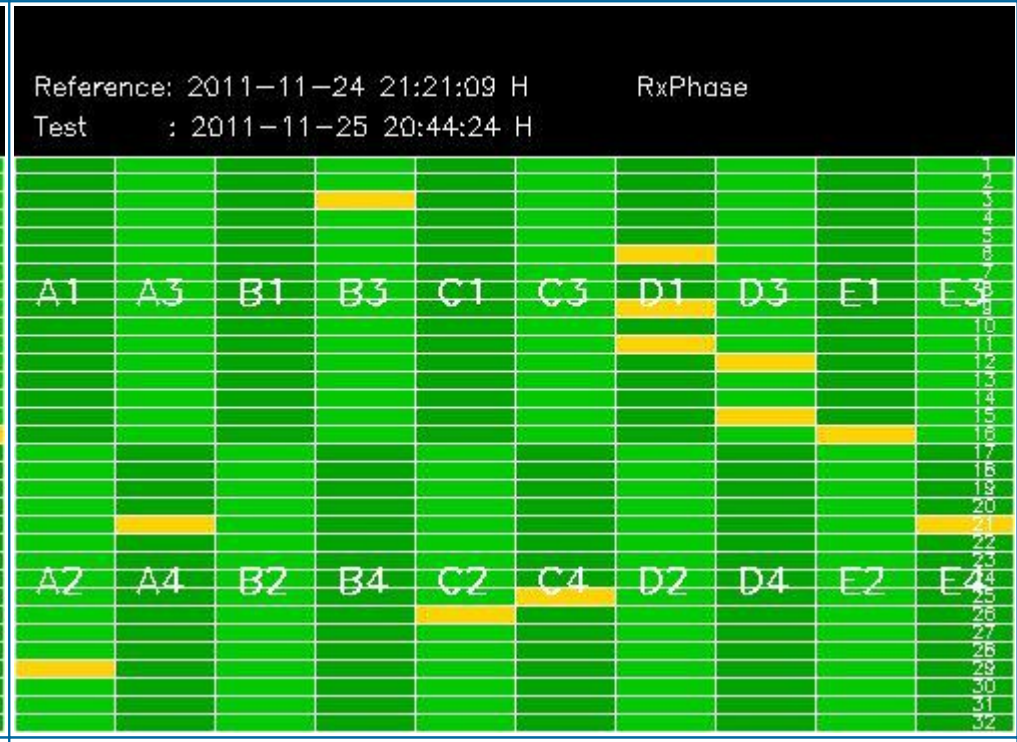
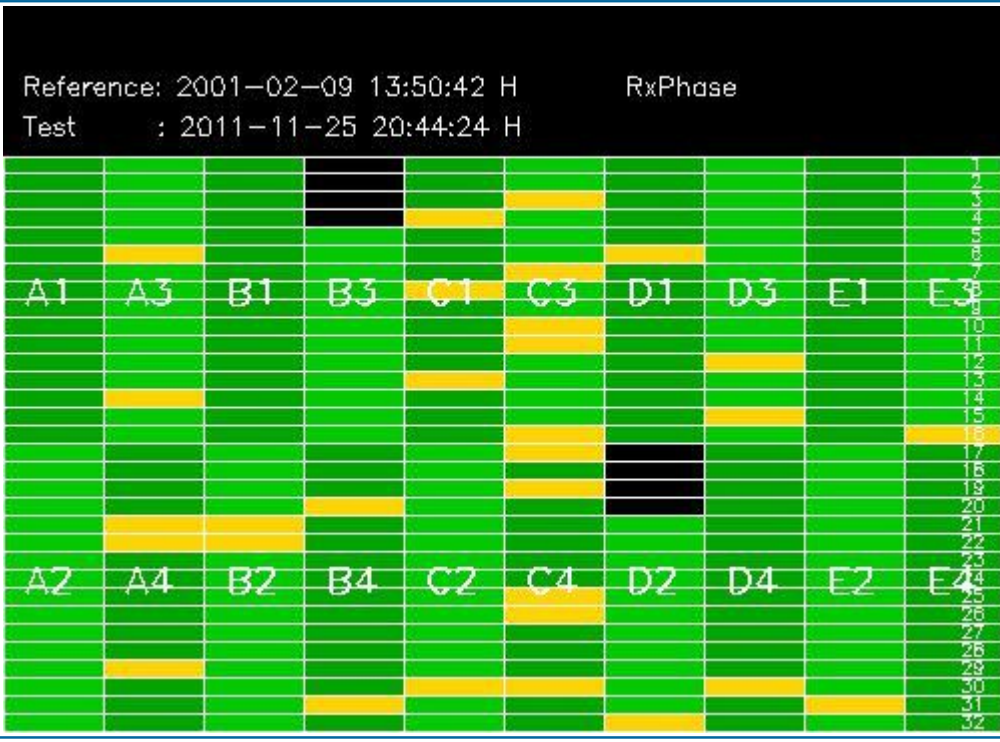
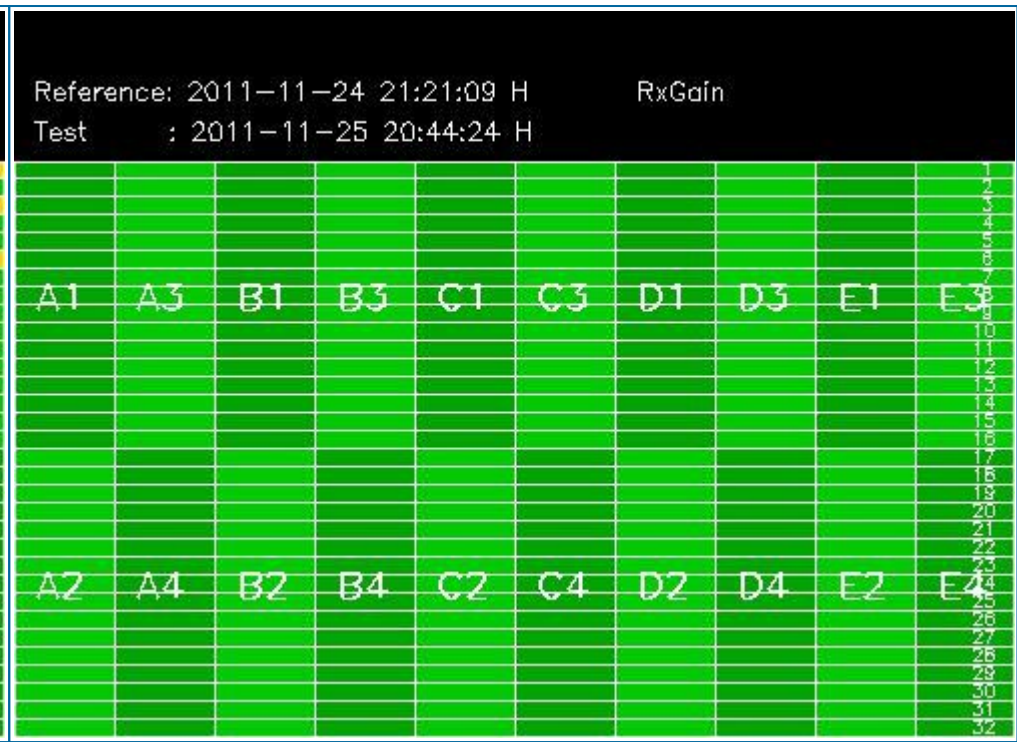
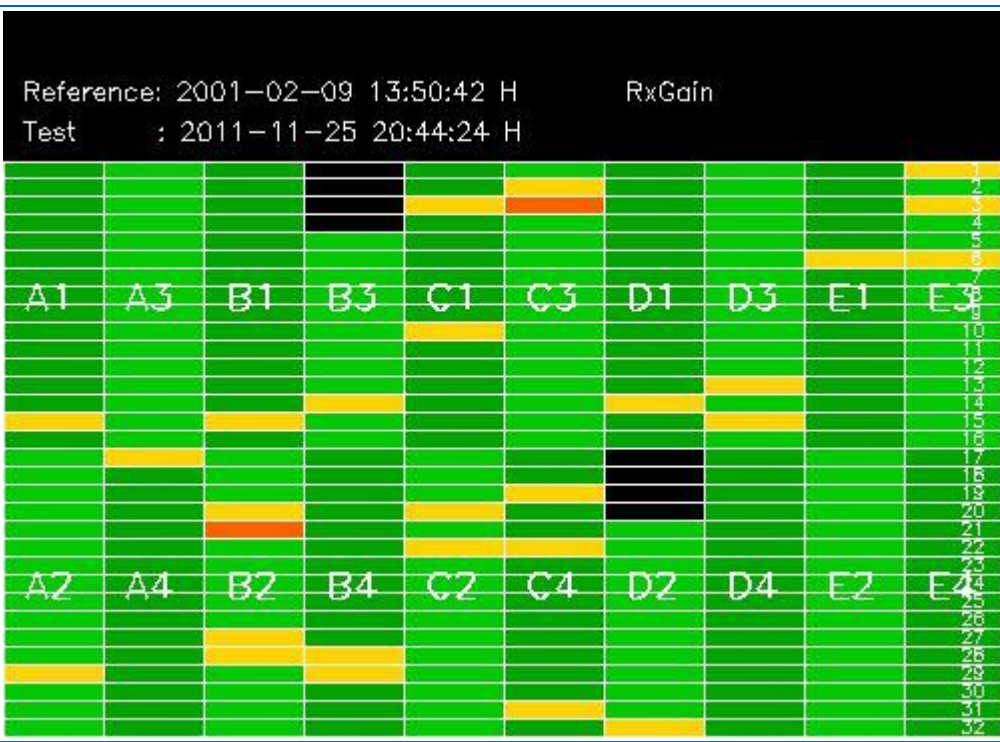




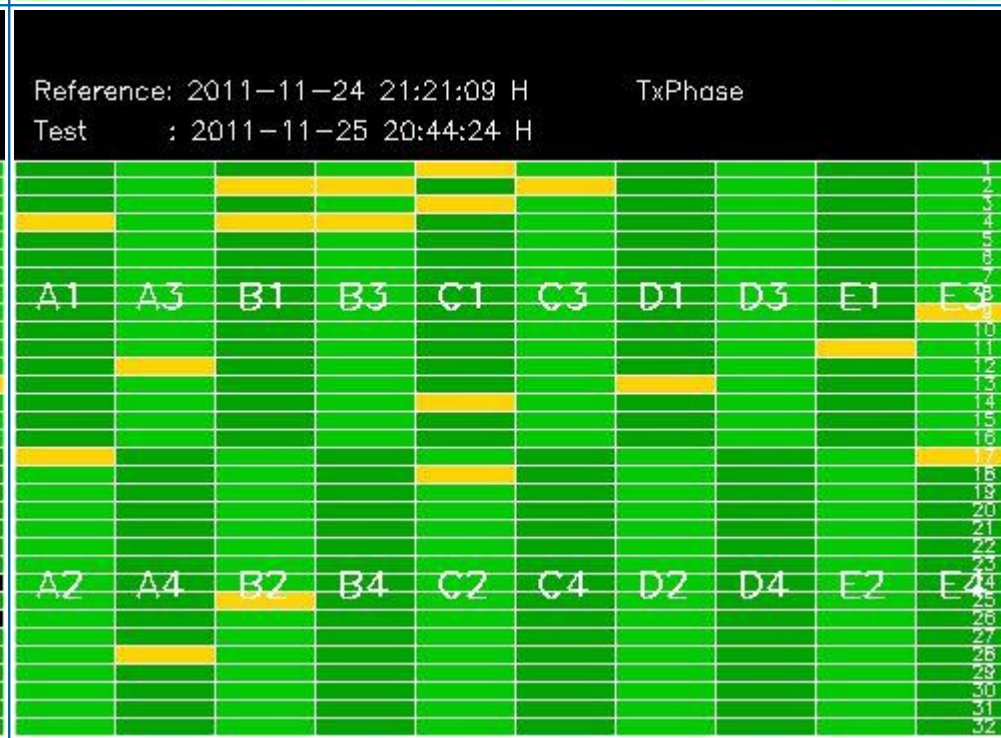
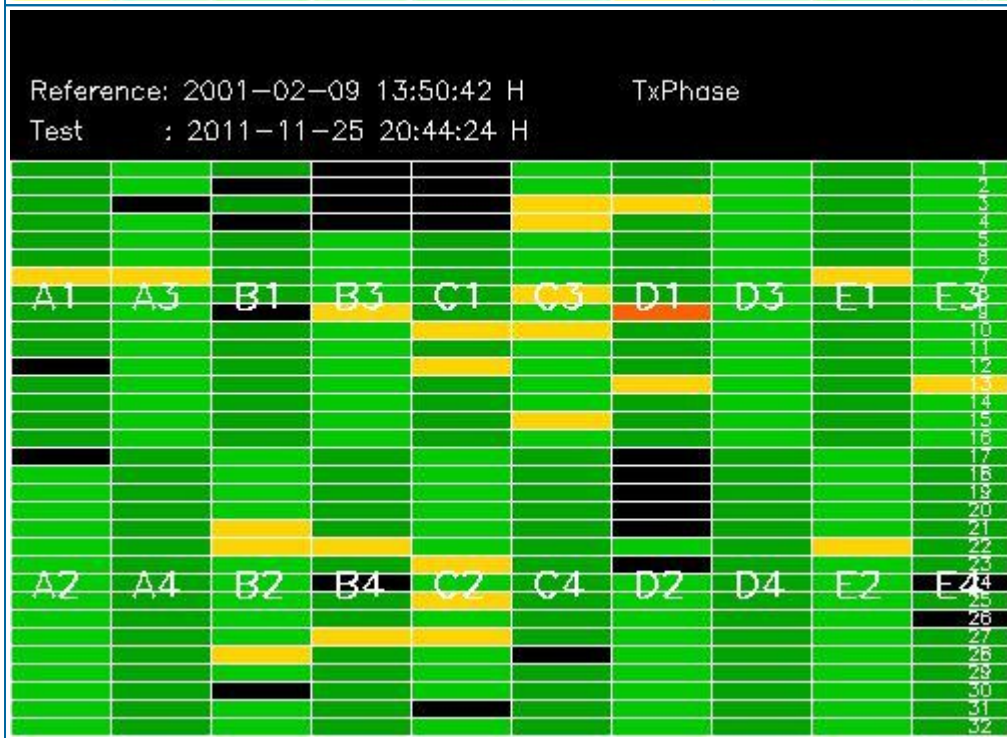
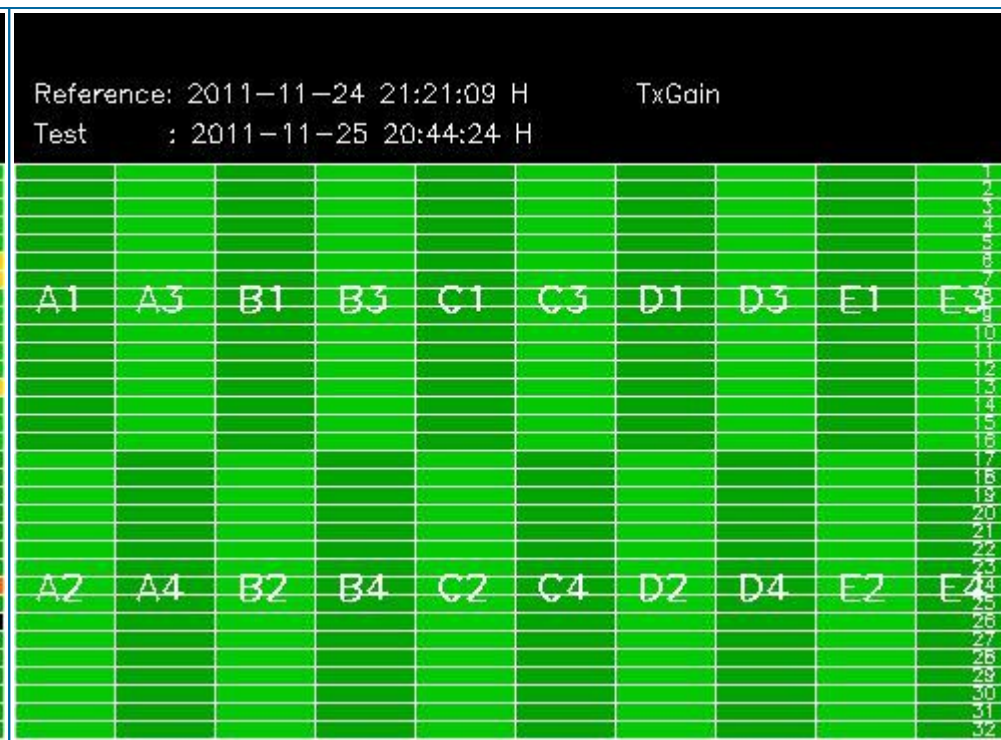
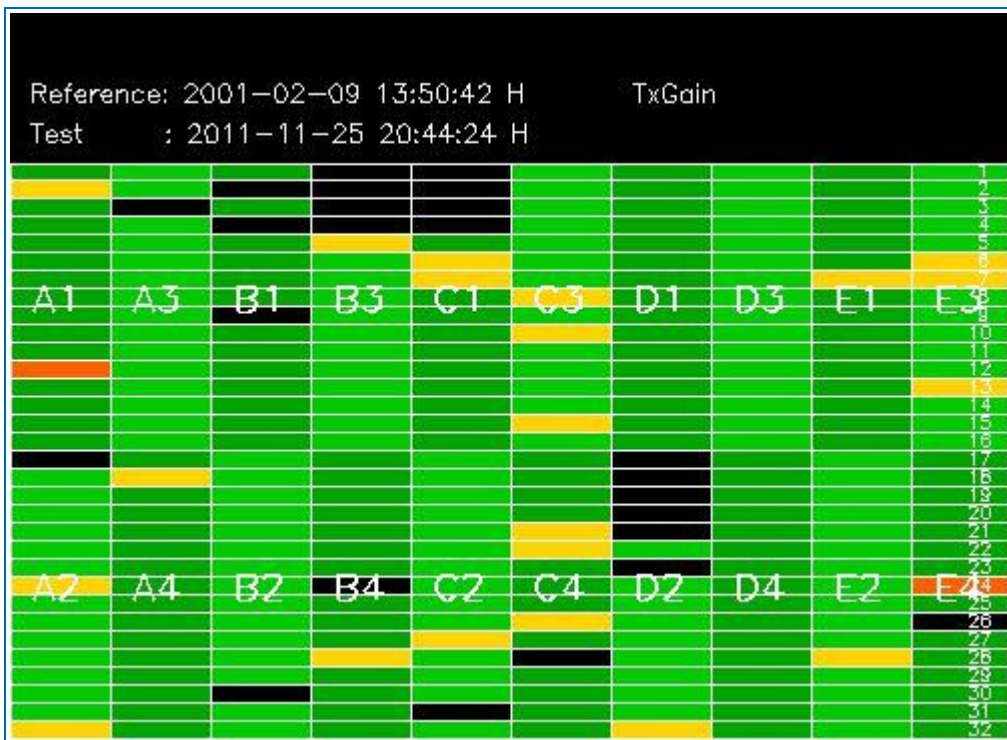
### 3.2 - H/H polarisation

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







## 4 - CALIBRATION PULSES ANALYSIS

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

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

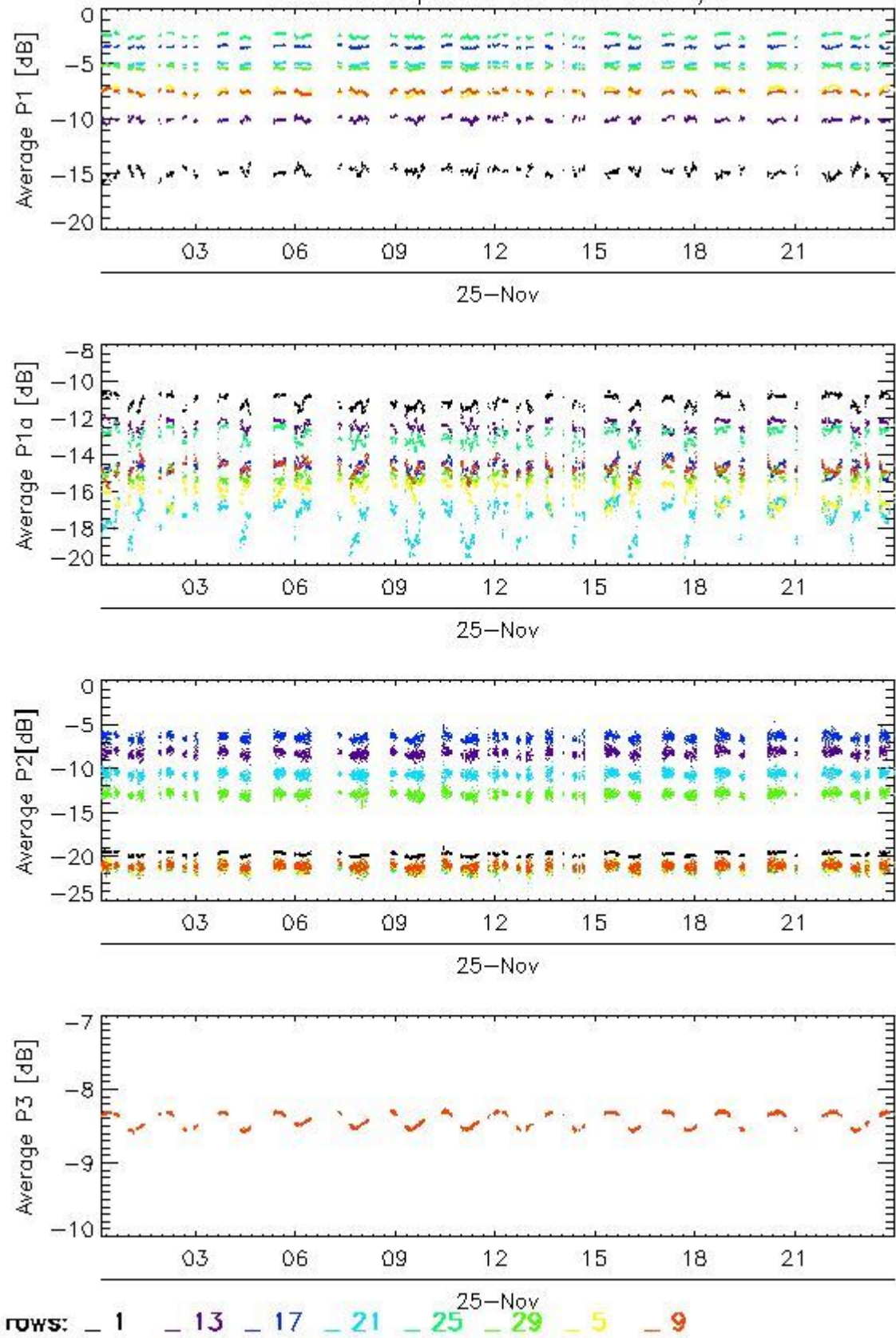
[ BACK TO MENU ]

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]

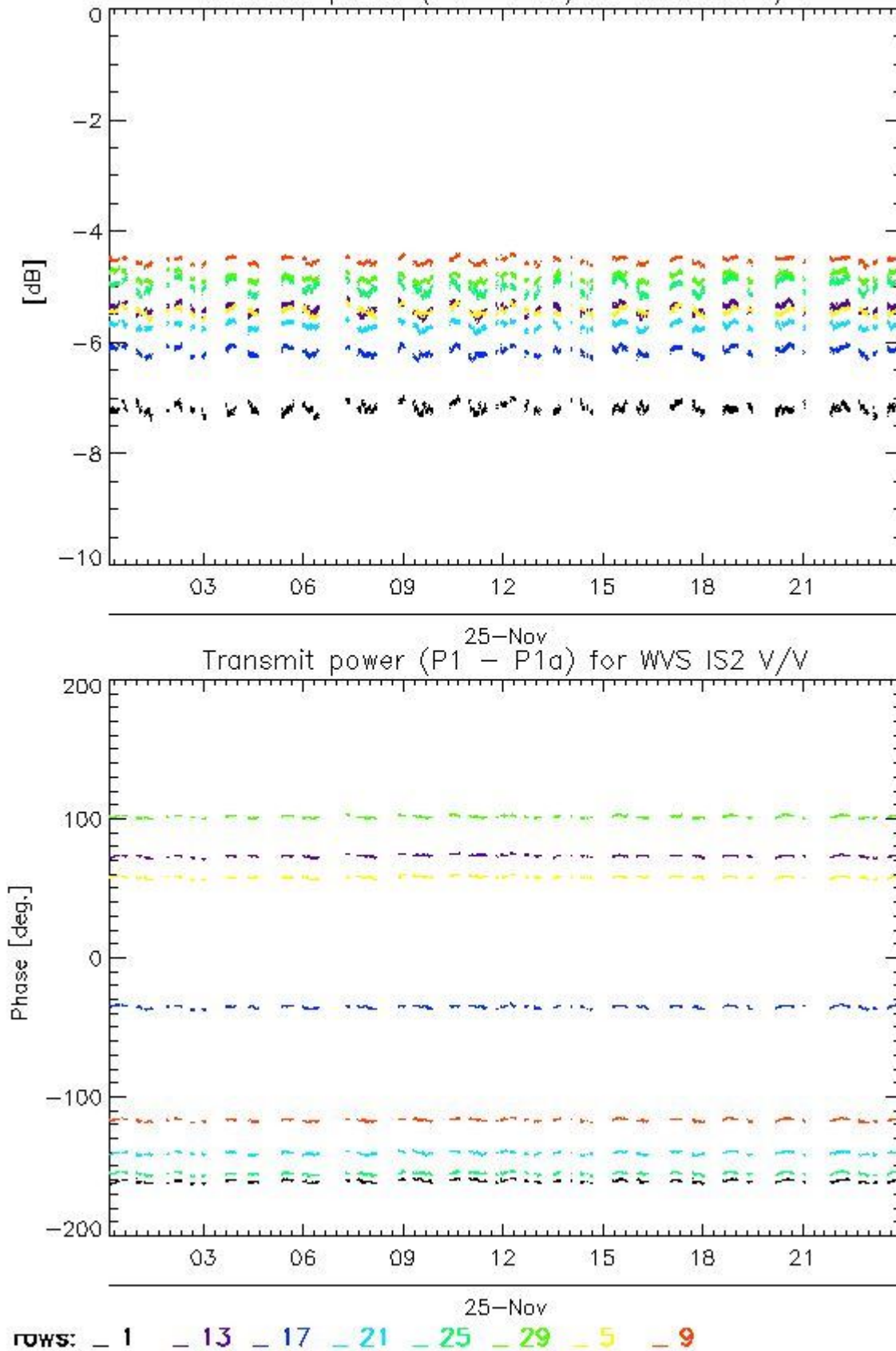
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for WVS IS2 V/V



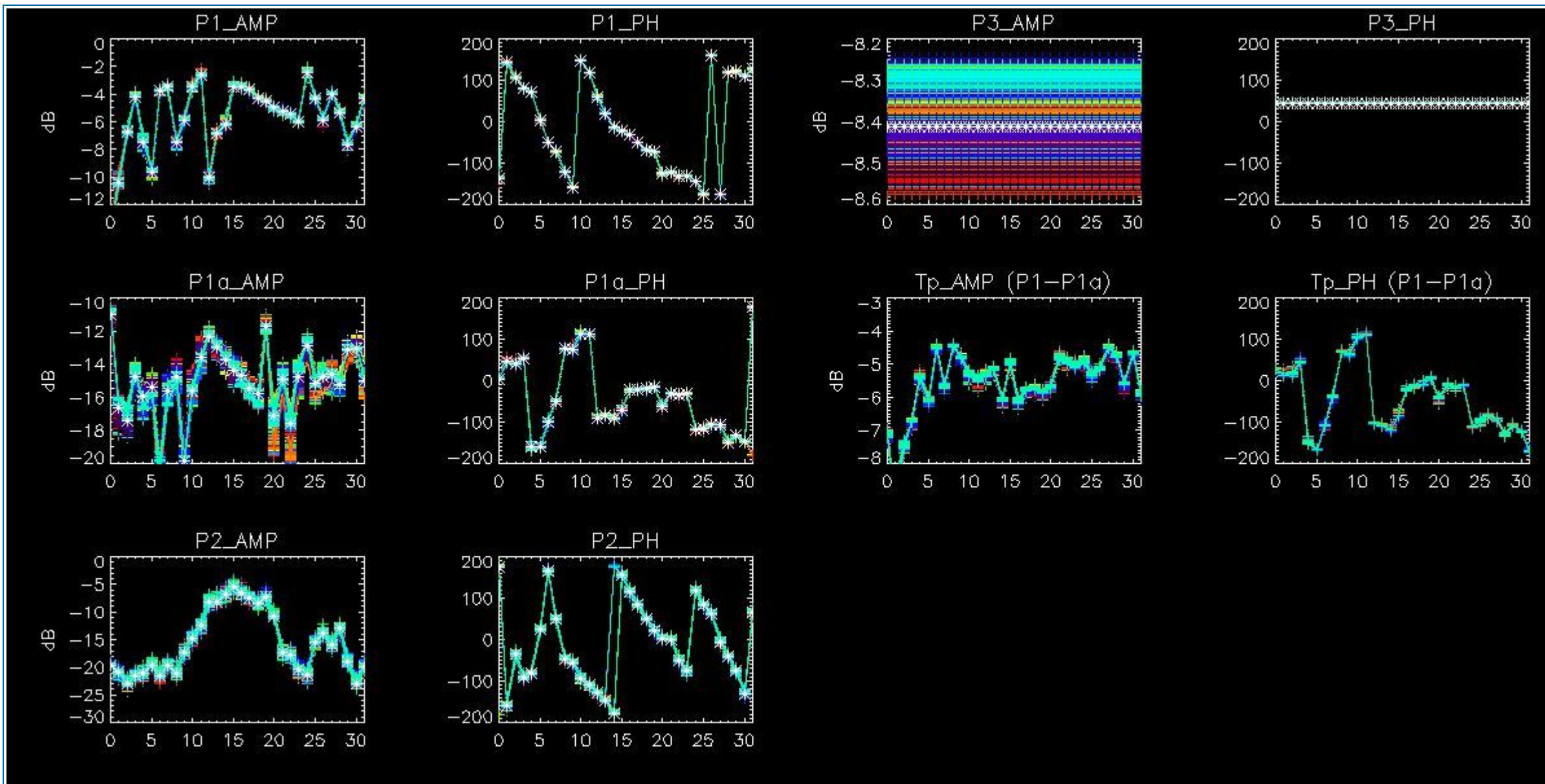
Transmit power (P1 - P1a) for WVS IS2 V/V



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

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## 4.2 - Analysis for GM1 SS3 H/H

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

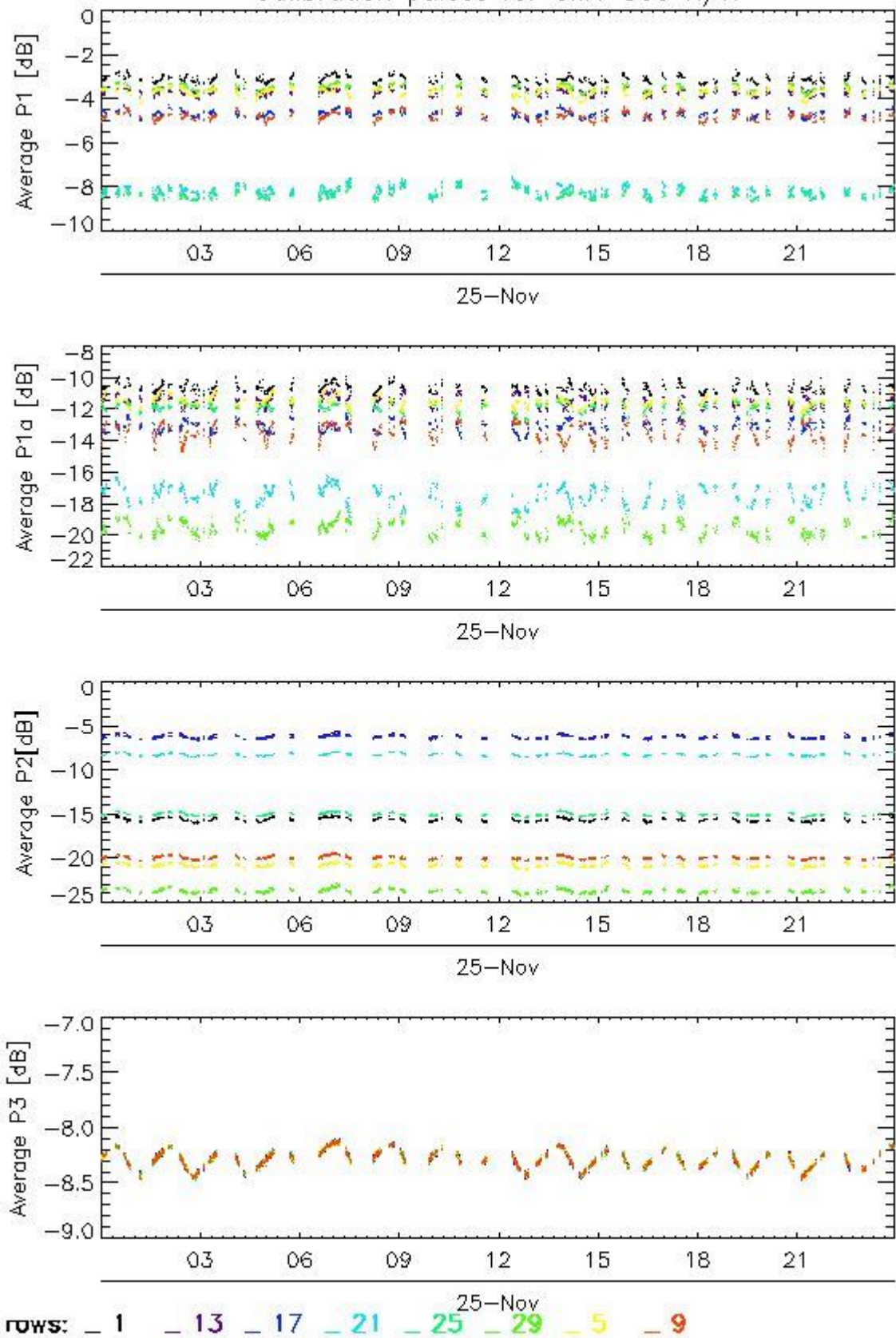
[ BACK TO MENU ]

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

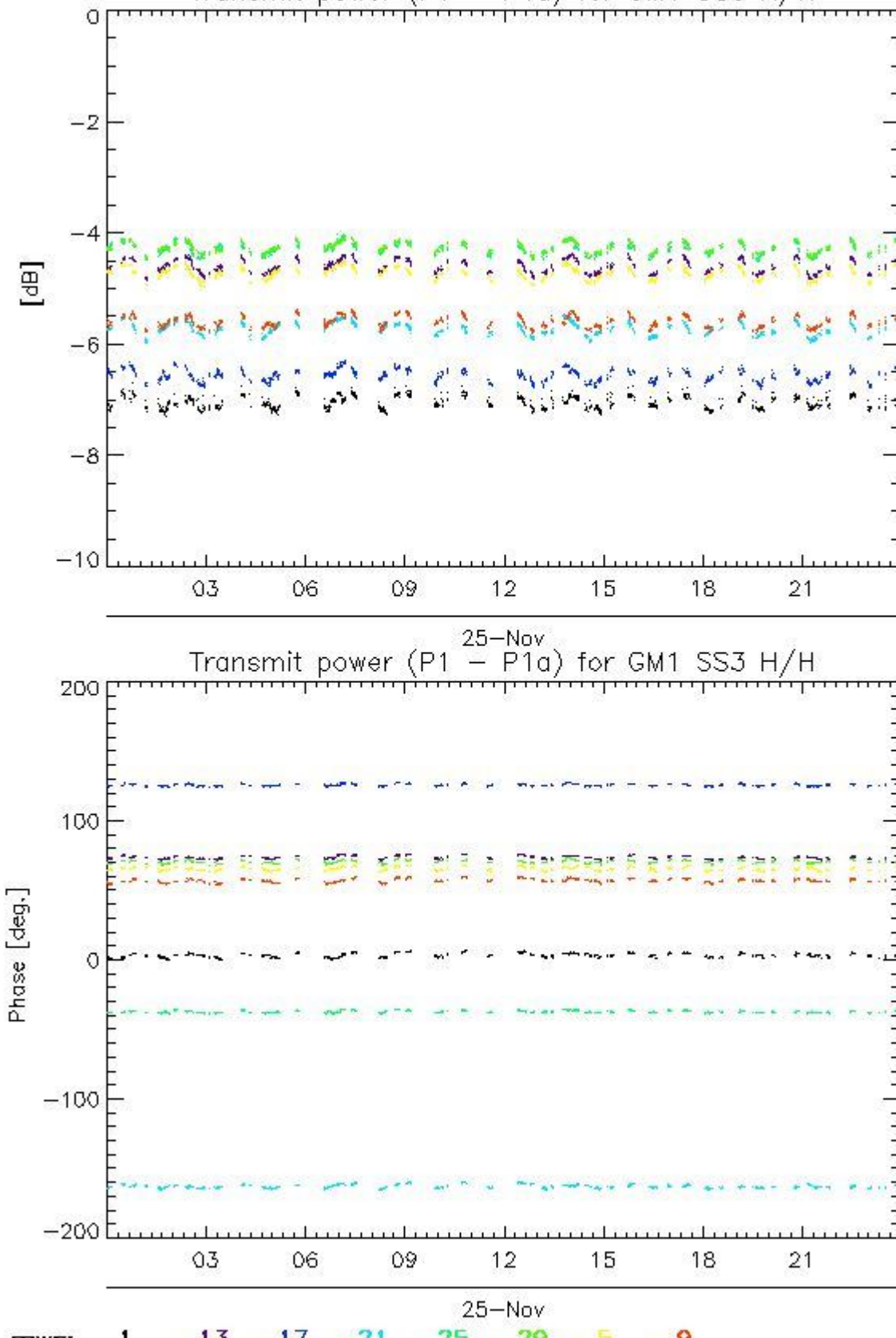
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



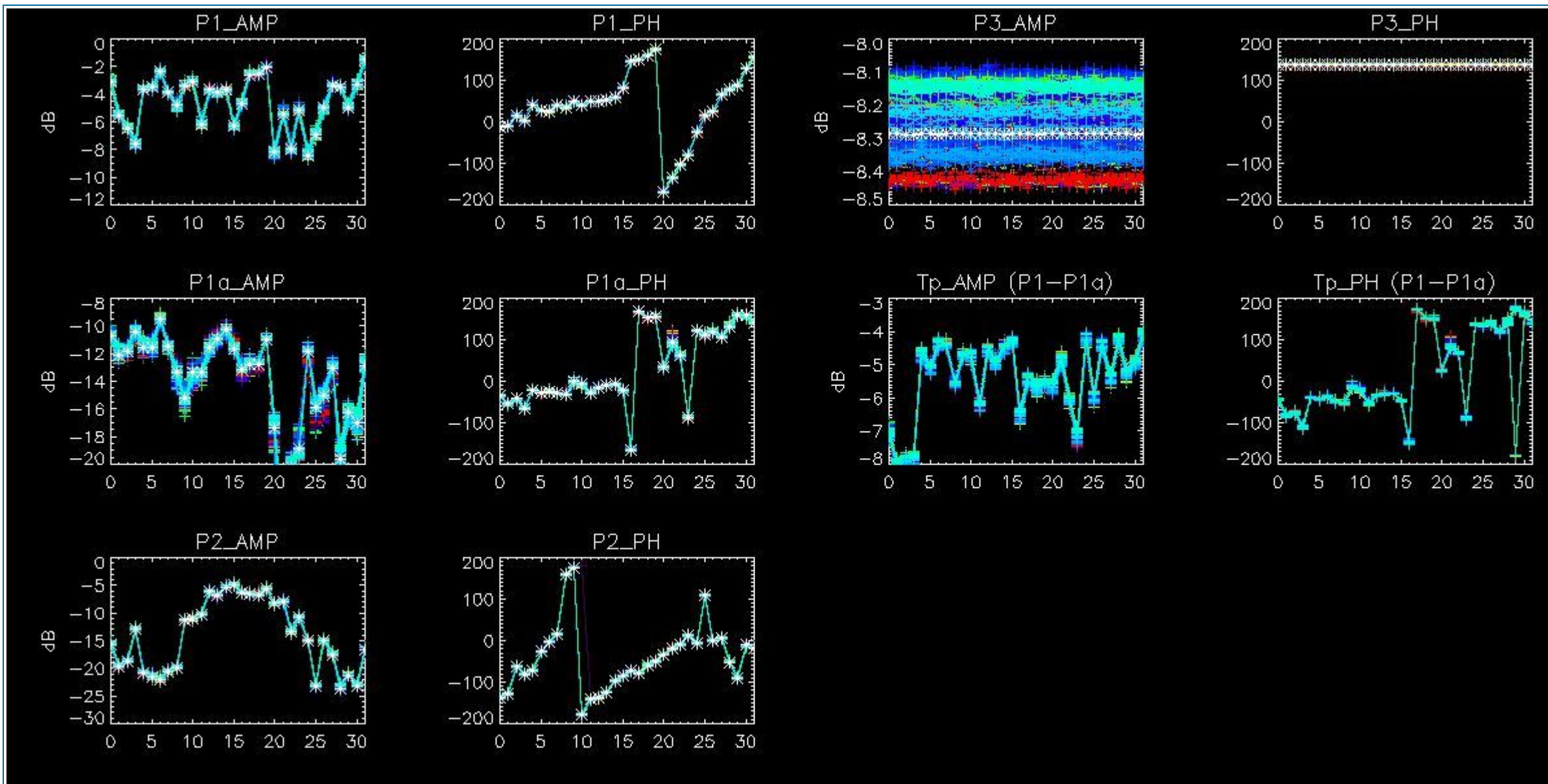
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

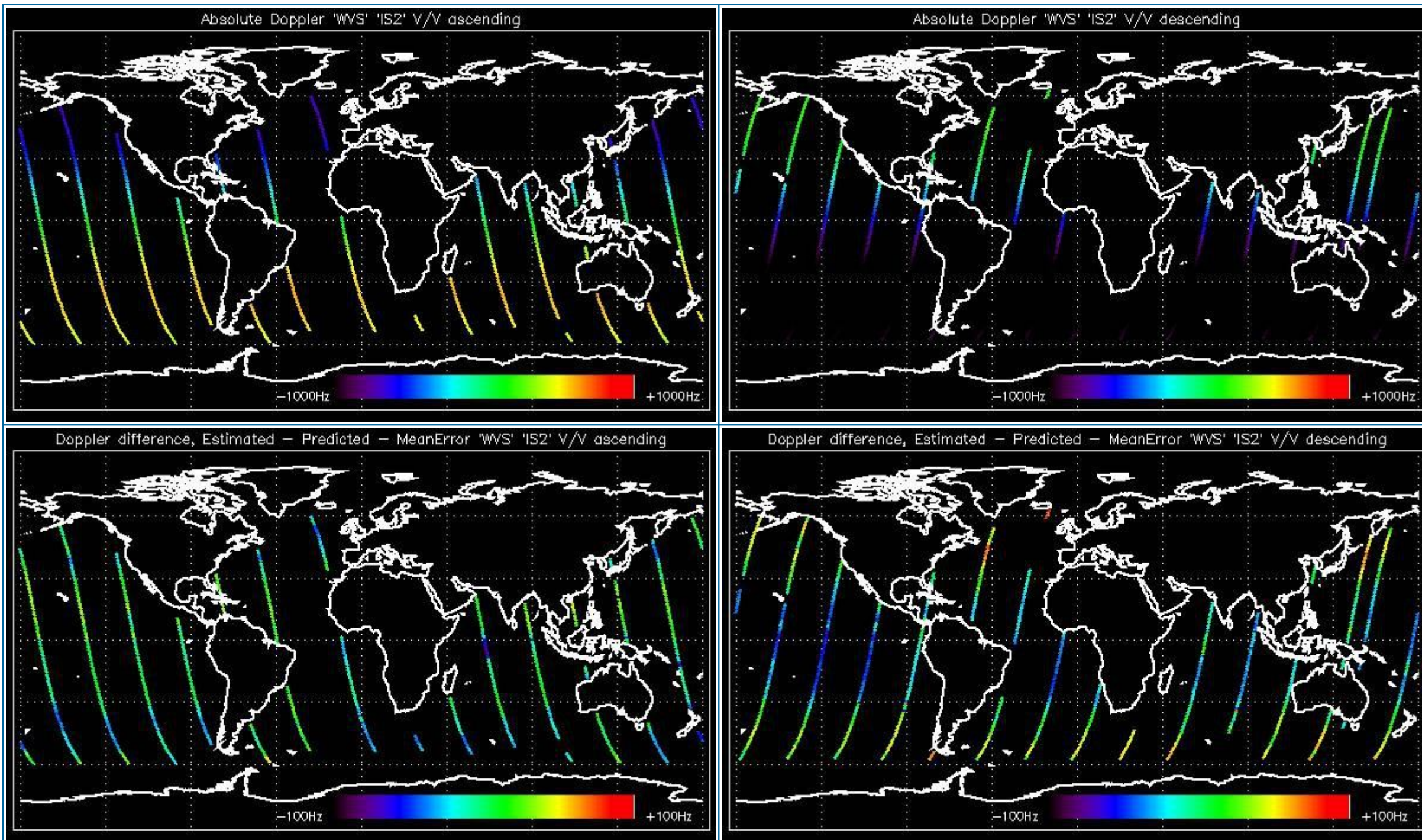
### 5.1 - Analysis for WVS IS2 V/V

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

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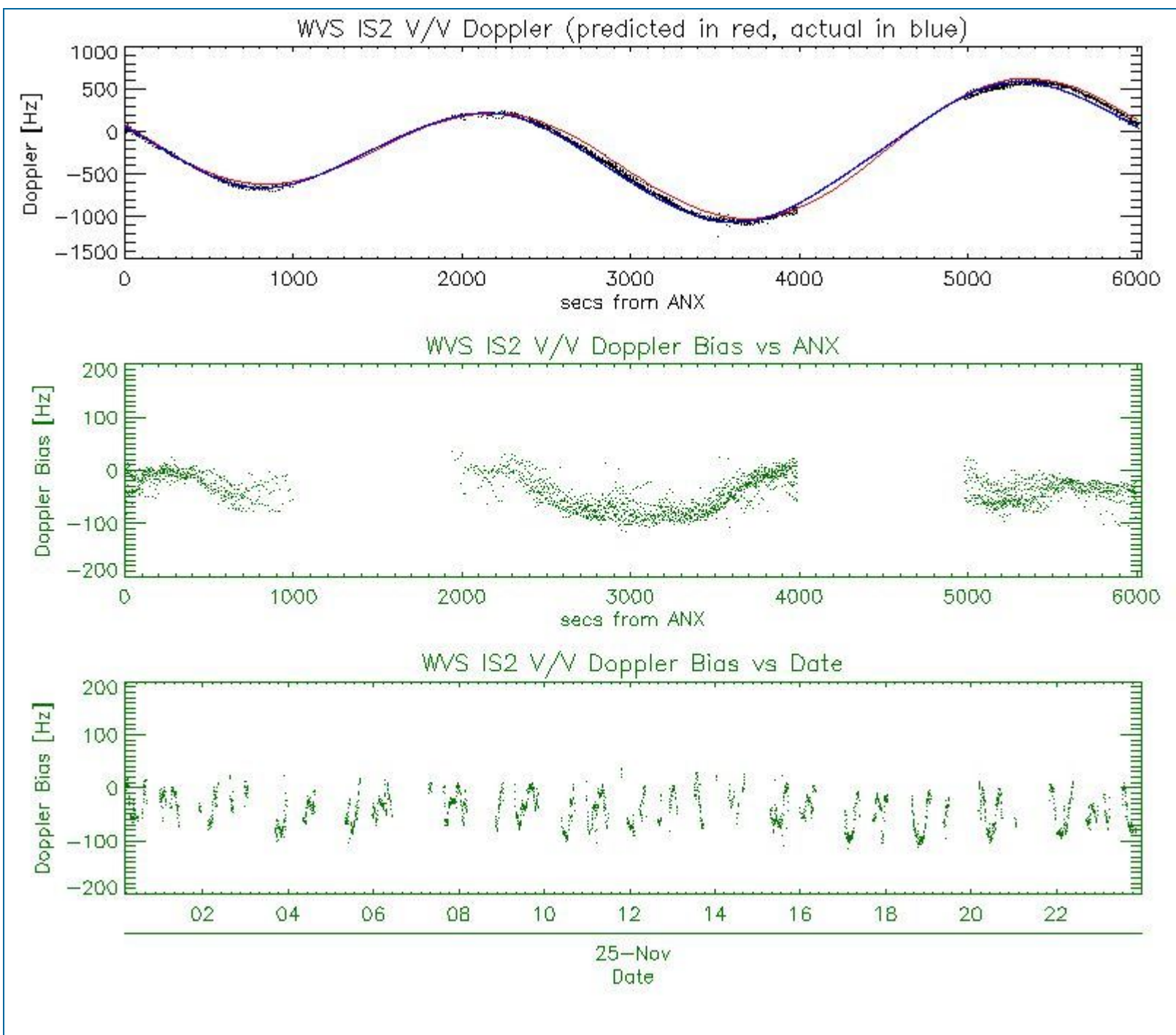




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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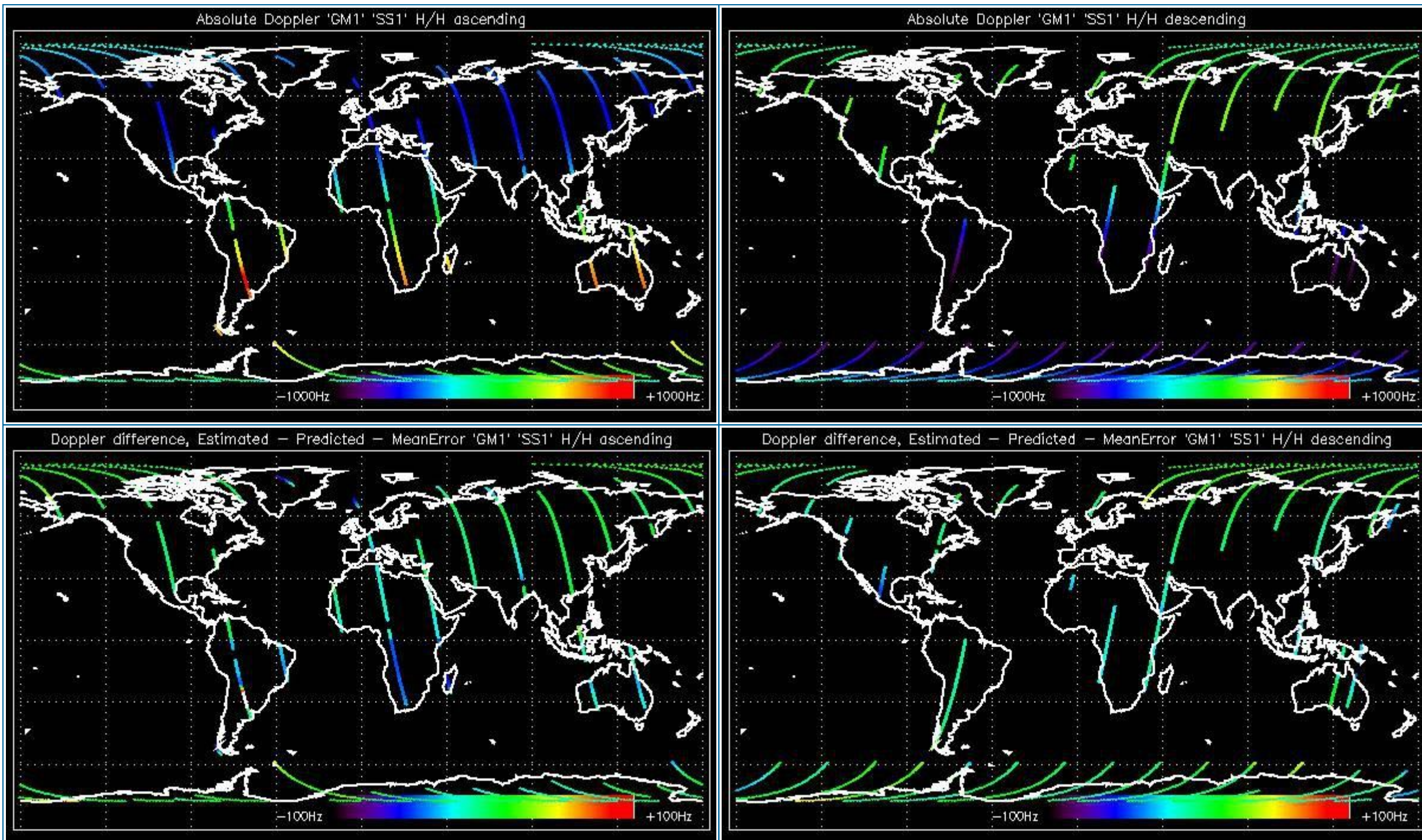
## 5.2 - Analysis for GM1 SS1 H/H

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

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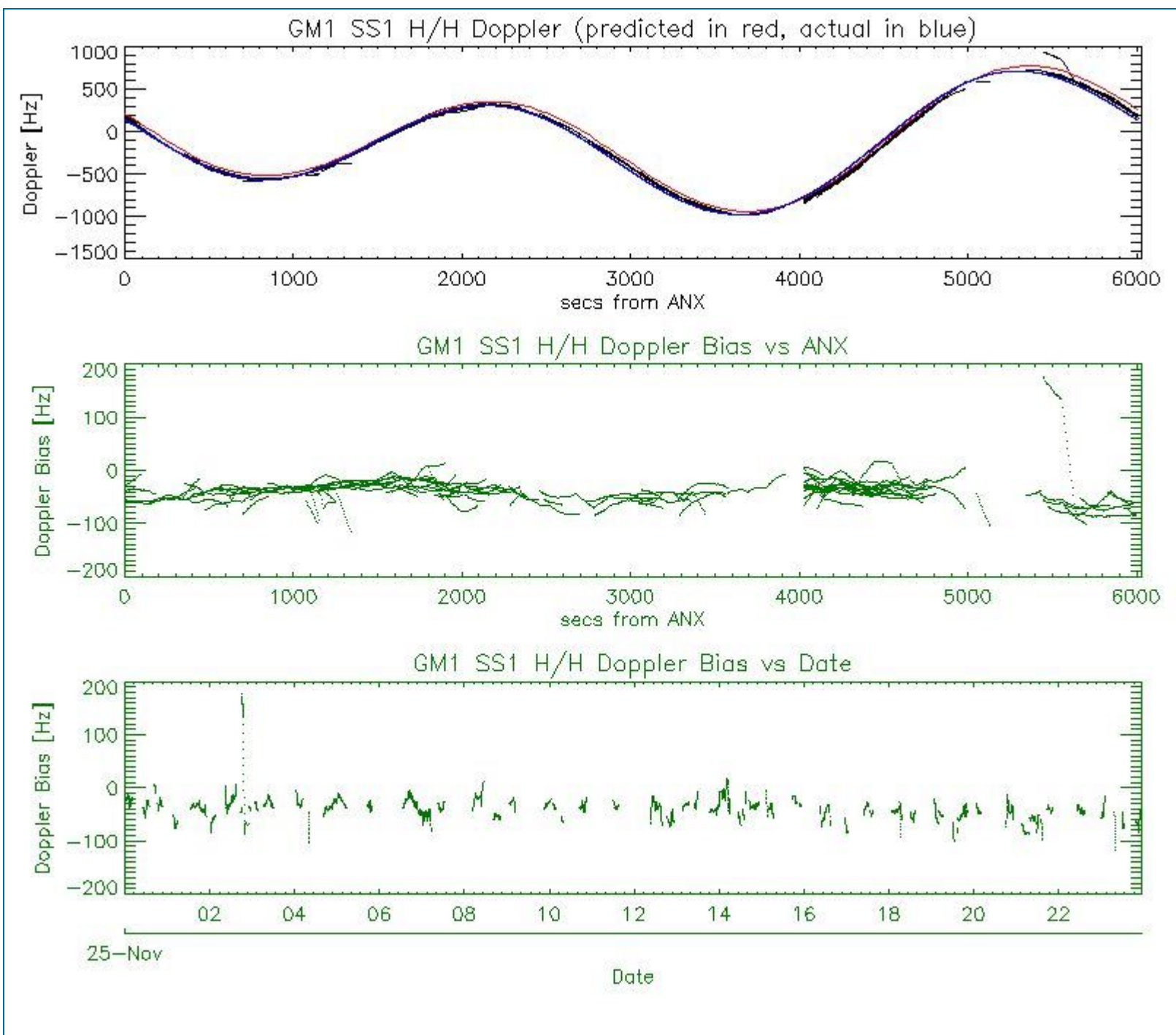




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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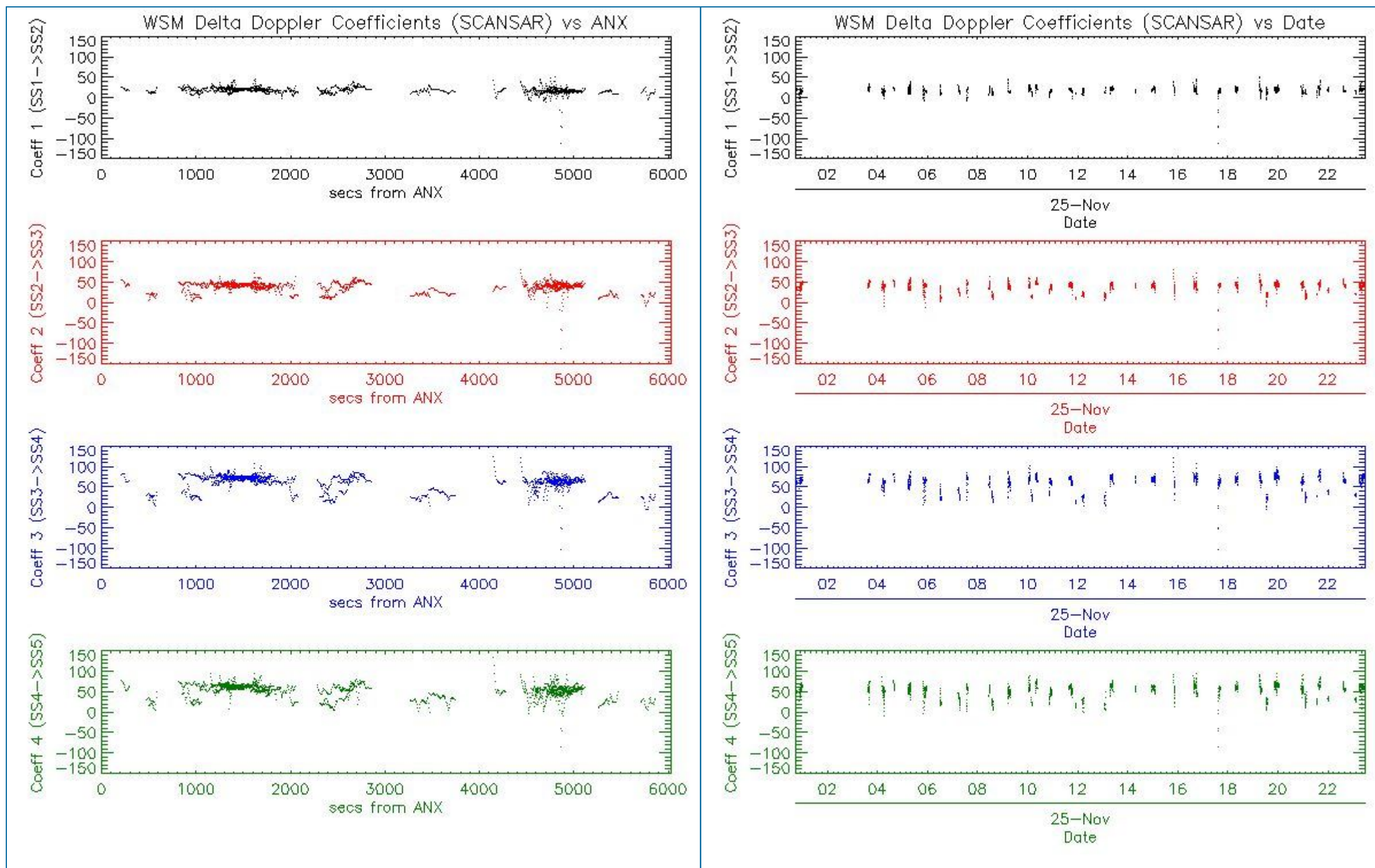


### 5.3 - Doppler JUMPS Analysis for WSM

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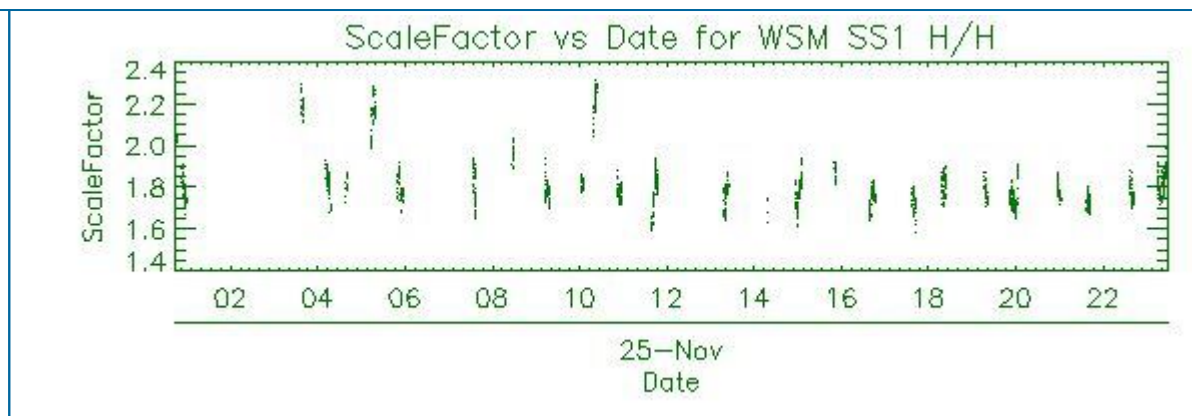
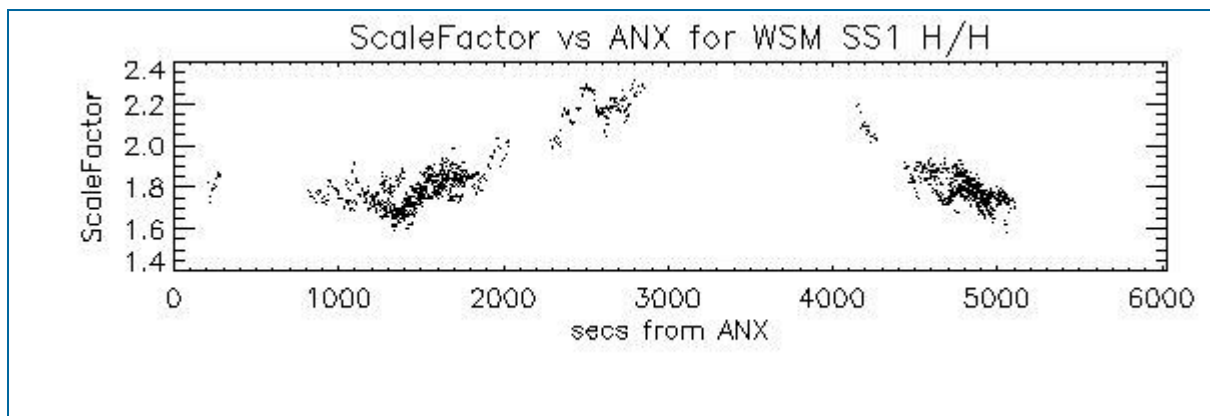
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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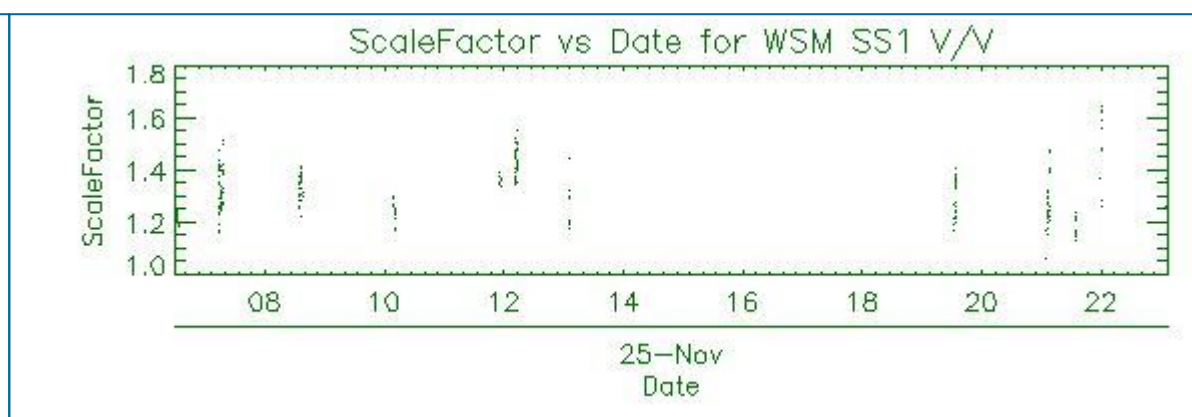
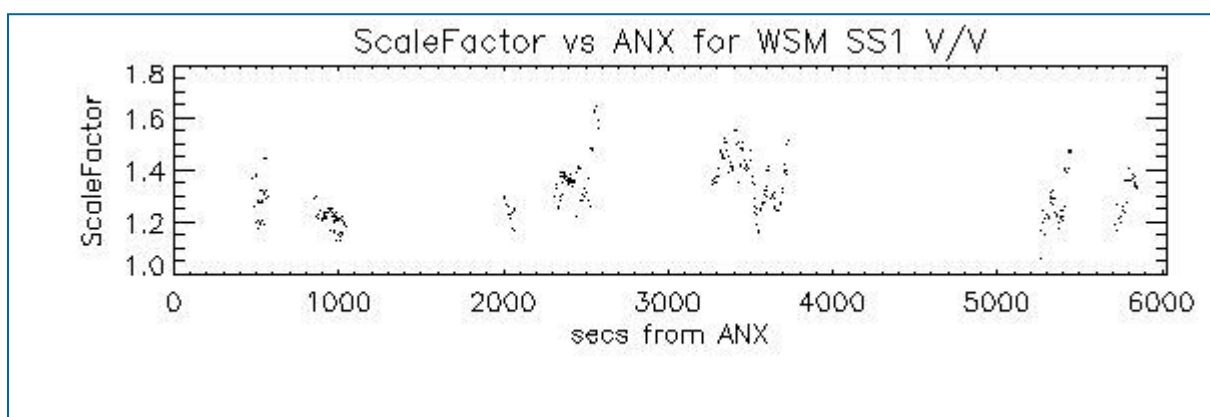




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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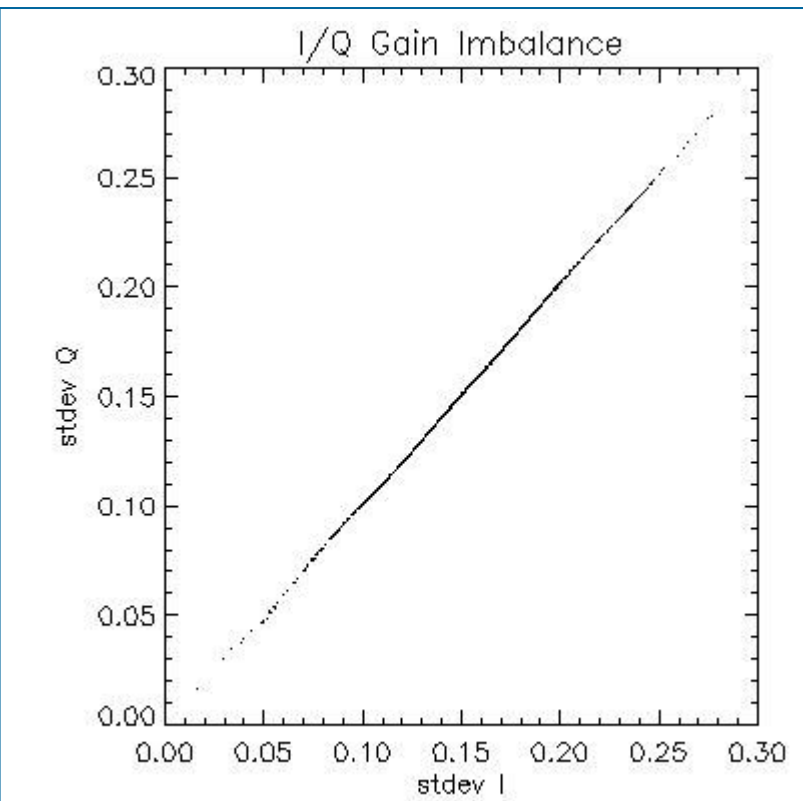
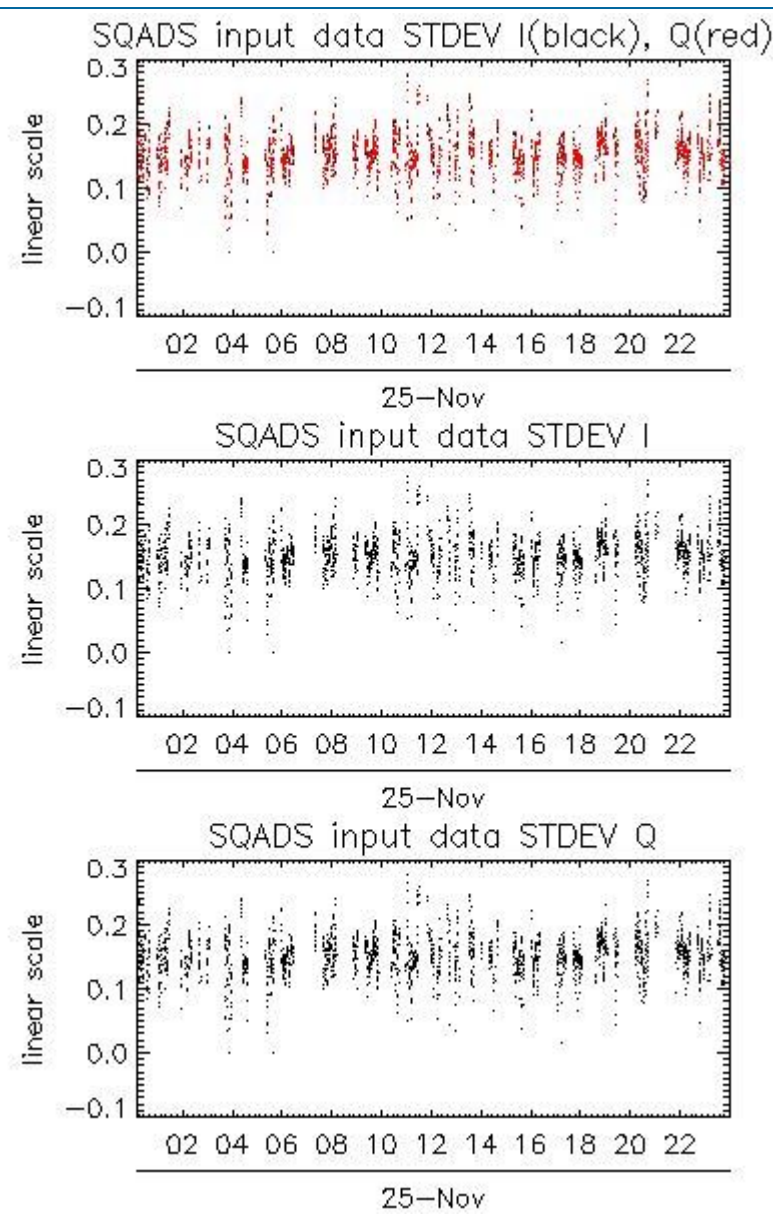
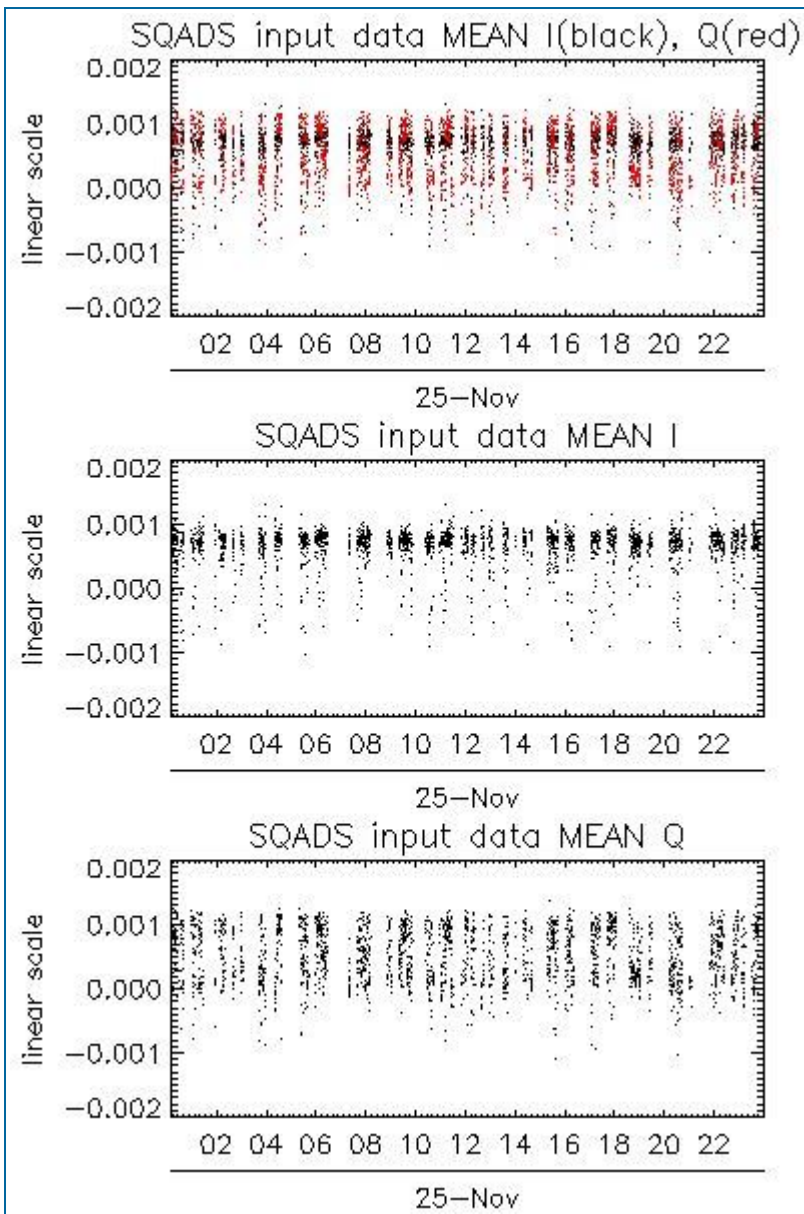
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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



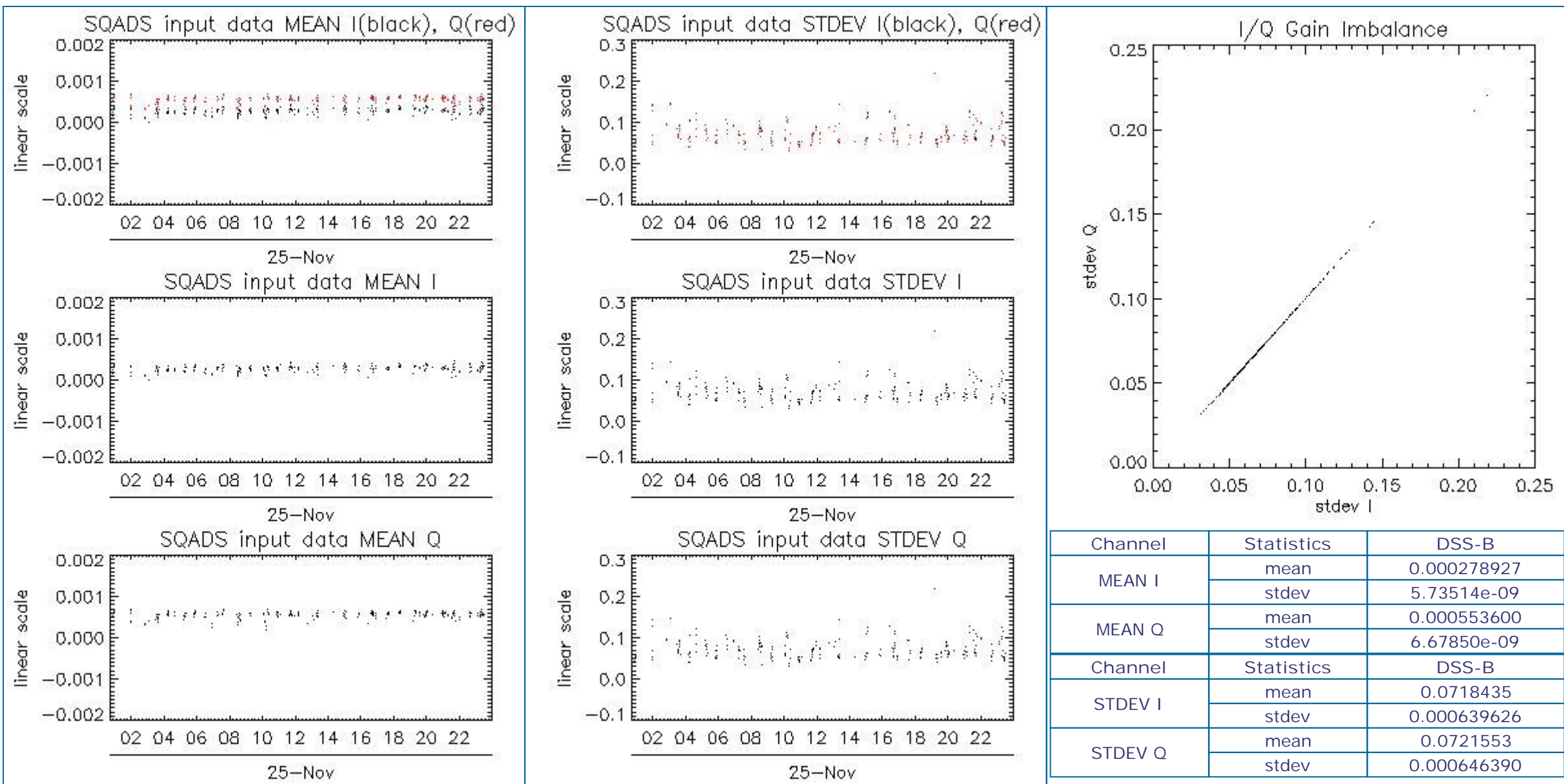


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000646373 |
|         | stdev      | 9.67882e-08 |
| MEAN Q  | mean       | 0.000525036 |
|         | stdev      | 1.79435e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.152099    |
|         | stdev      | 0.00101462  |
| STDEV Q | mean       | 0.152652    |
|         | stdev      | 0.00103919  |

## 7.2 - Analysis for IMM

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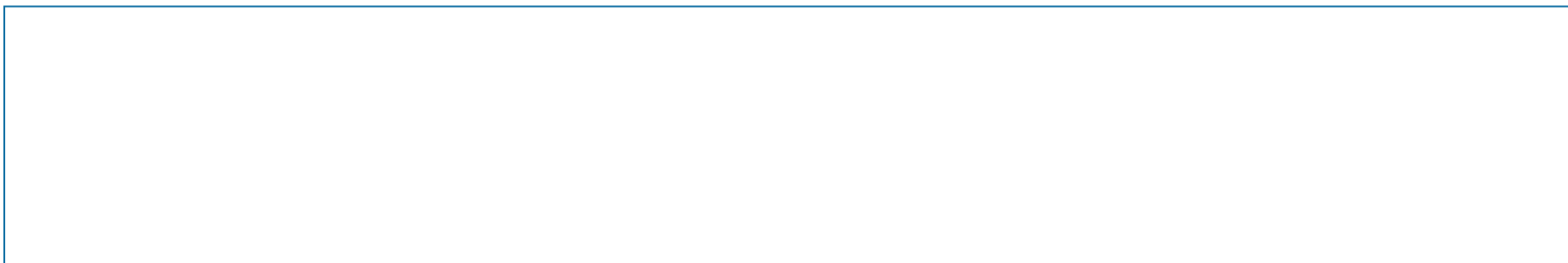


## 8 - TELEMETRY ANALYSIS

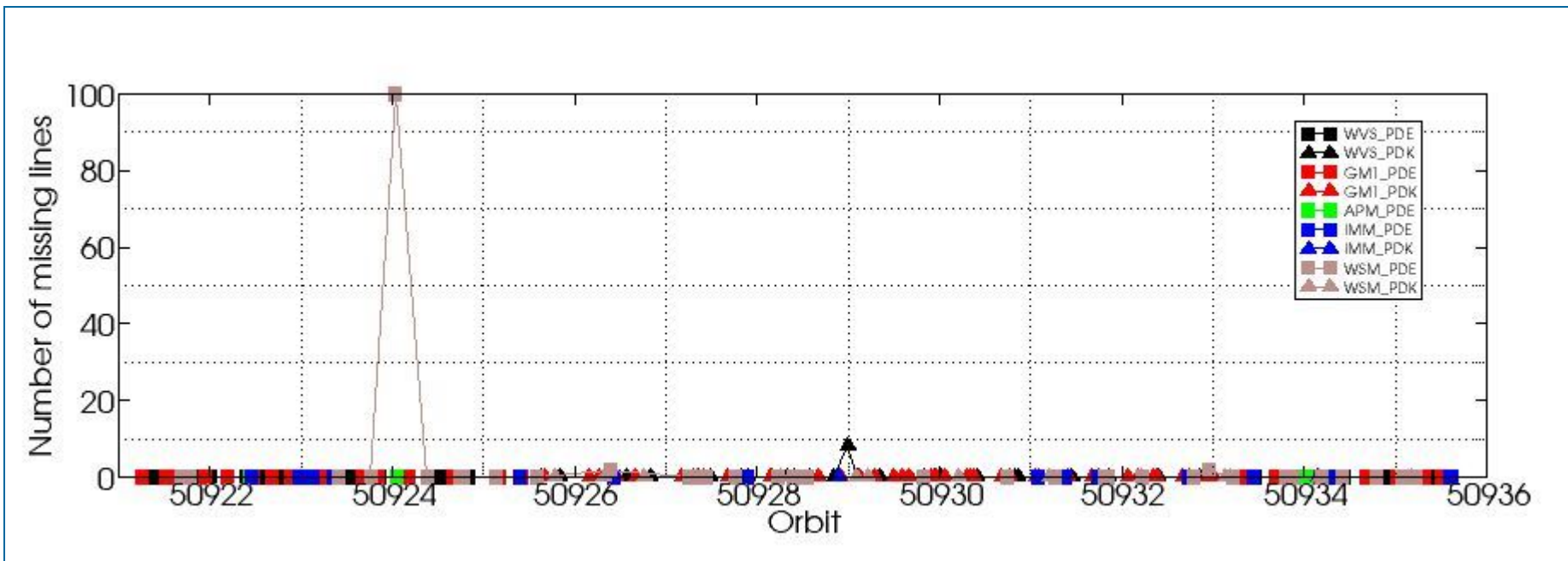
| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE               | ASA_WVS_1PNPDE20111125_005925_000002103109_00045_50921_2978.N1 | 1    | 0             |
| PDE               | ASA_WVS_1PNPDE20111125_224220_000002253109_00058_50934_3268.N1 | 1    | 0             |
| PDK               | ASA_WVS_1PNPDK20111125_125536_000005103109_00052_50928_8085.N1 | 0    | 8             |
| PDE               | ASA_WSM_1PNPDE20111125_043839_000000923109_00048_50924_3059.N1 | 0    | 100           |
| PDE               | ASA_WSM_1PNPDE20111125_083412_000001903109_00050_50926_3129.N1 | 0    | 2             |
| PDE               | ASA_WSM_1PNPDE20111125_193216_000001533109_00056_50932_3235.N1 | 0    | 2             |

### 8.1 - Number of Missing lines

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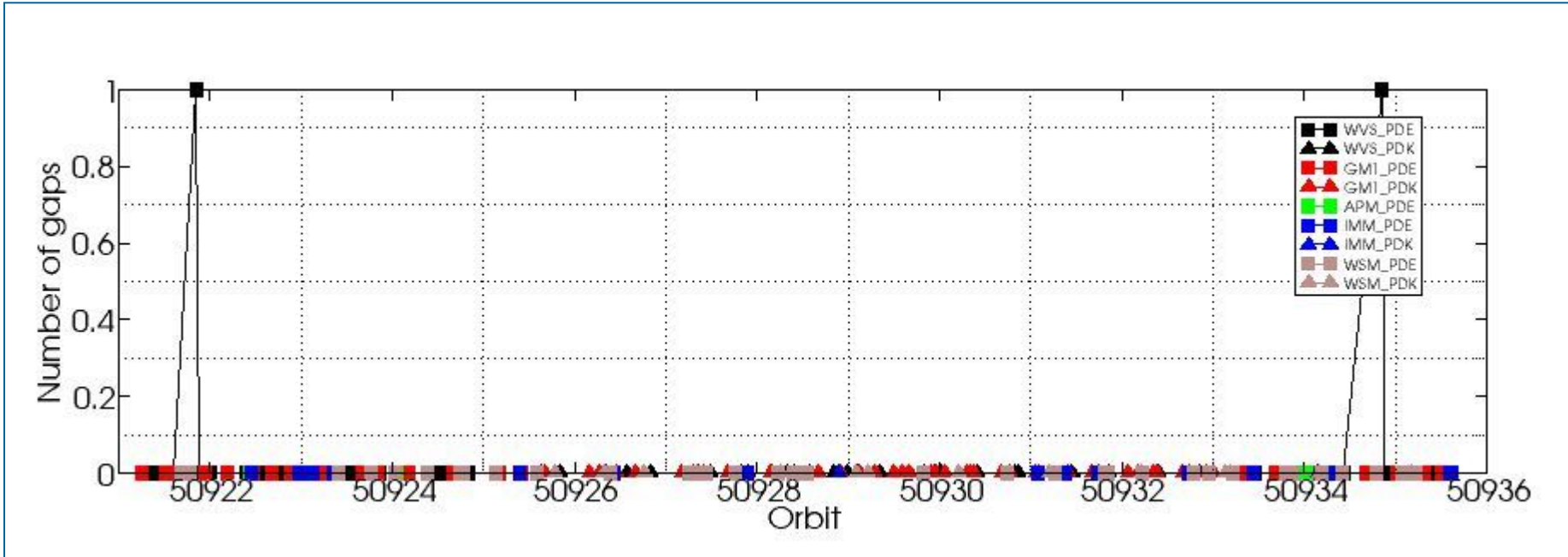






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 111125  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-11-25 00:00:00

Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111125/

DATA SUMMARY  
#####  
Summary will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111125/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_111125/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111125/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111125/AUXILIARY

Creating directory ./RESULTS/DAILY/\_111125/AUXILIARY...

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





ADF filter 20111125\*current\_3\_IECF\_ADFs.txt  
 Found list 20111125\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20110526\_075001\_20101027\_215740\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20110526\_075734\_20101027\_215740\_20141231\_000000

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20111125_001017_000008693109_00045_50921_2966.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_002725_000000593109_00045_50921_2968.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_003412_000004053109_00045_50921_2972.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_005925_000002103109_00045_50921_2978.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_010210_000003593109_00045_50921_3001.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_011414_000007493109_00045_50921_3003.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_015446_000001343109_00046_50922_3006.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_020734_000008103109_00046_50922_3013.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_023754_000003153109_00046_50922_3012.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_025806_000003293109_00047_50923_3018.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_034127_000006743109_00047_50923_3022.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_035212_000003303109_00047_50923_3063.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_042043_000010343109_00047_50923_3067.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_052013_000010193109_00048_50924_3070.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_053642_000003003109_00048_50924_3097.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_055813_000017243109_00048_50924_3102.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_201046_000006143109_00057_50933_3242.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_202232_000012743109_00057_50933_3246.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_210210_000001203109_00057_50933_3264.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_215045_000004803109_00058_50934_3263.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_220053_000013793109_00058_50934_3267.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_224220_000002253109_00058_50934_3268.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_224520_000007643109_00058_50934_3286.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_230708_000004353109_00059_50935_3289.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_233243_000009143109_00059_50935_3293.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_235101_000000443109_00059_50935_3292.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20111125_235906_000003003109_00059_50935_3296.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_071755_000002403109_00049_50925_7986.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_073827_000019493109_00049_50925_7988.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_085140_000006303109_00050_50926_8017.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8019.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8021.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_102451_000010493109_00051_50927_8049.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_105855_000002703109_00051_50927_8050.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_110611_000013943109_00051_50927_8054.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_114833_000000603109_00052_50928_8076.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_115644_000005993109_00052_50928_8080.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_121405_000005103109_00052_50928_8081.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_123918_000003303109_00052_50928_8083.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_125536_000005103109_00052_50928_8085.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_130613_000000593109_00053_50929_8086.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_133113_000007493109_00053_50929_8102.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_140150_000000603109_00053_50929_8104.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_141931_000004053109_00053_50929_8105.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_143112_000000893109_00053_50929_8108.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_143819_000002093109_00054_50930_8111.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_143819_000002093109_00054_50930_8113.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20111125_151736_000015293109_00054_50930_8141.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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ASA_WVS_1PNPDK20111125_155959_000000603109_00054_50930_8140.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111125_160315_000010943109_00054_50930_8143.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111125_170156_000012743109_00055_50931_8163.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111125_174216_000012443109_00055_50931_8166.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111125_183626_000016193109_00056_50932_8191.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111125_192128_000004653109_00056_50932_8193.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDE20111125_002532_000001083109_00045_50921_2969.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20111125_024351_000000903109_00046_50922_3015.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20111125_025333_000002713109_00046_50922_3011.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111125_030420_000001633109_00047_50923_3010.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20111125_040205_000005373109_00047_50923_3064.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111125_041909_000000843109_00047_50923_3065.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20111125_211955_000004713109_00058_50934_3259.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20111125_134633_000005553109_00053_50929_8101.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111125_135556_000003503109_00053_50929_8103.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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|--|--|
| ASA_GM1_1PNPDK20111125_140329_000007313109_00053_50929_8107.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_142649_000002593109_00053_50929_8106.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20111125_144229_000008523109_00054_50930_8110.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20111125_162447_000007673109_00055_50931_8142.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_165707_000002833109_00055_50931_8161.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_172358_000004343109_00055_50931_8162.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_173201_000003023109_00055_50931_8164.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_180352_000007493109_00056_50932_8165.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_181509_000001693109_00056_50932_8186.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_183042_000001203109_00056_50932_8187.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_183505_000000723109_00056_50932_8188.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_190413_000003503109_00056_50932_8189.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_191051_000003143109_00056_50932_8190.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_192953_000001383109_00056_50932_8192.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20111125_193615_000008703109_00056_50932_8194.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_APM.txt...

|  |  |
|--|--|
| ASA_APM_1PNPDE20111125_015738_000000873109_00046_50922_3019.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111125_033353_000000573109_00047_50923_3052.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111125_044019_000000423109_00048_50924_3061.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20111125_211848_000000453109_00058_50934_3257.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_IMM.txt...

|  |  |
|--|--|
| ASA_IMM_1PNPDE20111125_015927_000000943109_00046_50922_3017.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_025206_000000793109_00046_50922_3020.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_030703_000000353109_00047_50923_3030.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_033007_000002113109_00047_50923_2998.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_033454_000000843109_00047_50923_3000.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_065509_000000673109_00049_50925_3096.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_083808_000001763109_00050_50926_3130.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_110447_000000373109_00051_50927_3165.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_162359_000000373109_00055_50931_3221.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_165427_000001513109_00055_50931_3226.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_173114_000000363109_00055_50931_3227.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_191003_000000373109_00056_50932_3233.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_202159_000000253109_00057_50933_3256.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_214715_000000453109_00058_50934_3277.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20111125_235823_000000363109_00059_50935_3305.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111125_082954_000002123109_00050_50926_7999.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111125_101201_000000753109_00051_50927_8031.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111125_124606_000000383109_00052_50928_8094.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20111125_213142_000000373109_00058_50934_8211.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing WSM products...



Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_WSM.xls...  
 Writing file ./RESULTS/DAILY/\_111125/AUXILIARY/Check\_ADFs\_WSM.txt...

|  |  |
|--|--|
| ASA_WSM_1PNPDE20111125_004339_000001353109_00045_50921_2961.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_005253_000003923109_00045_50921_2963.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_033645_000002813109_00047_50923_3009.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_041108_000003923109_00047_50923_3060.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_043839_000000923109_00048_50924_3059.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_051316_000004163109_00048_50924_3062.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_054944_000002143109_00048_50924_3093.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_055346_000002143109_00048_50924_3094.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_062931_000002143109_00049_50925_3095.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_071308_000002883109_00049_50925_3108.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_083412_000001903109_00050_50926_3129.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_100211_000002143109_00051_50927_3150.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_100911_000000923109_00051_50927_3151.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_101922_000002513109_00051_50927_3153.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_105215_000003923109_00051_50927_3164.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_113815_000002513109_00052_50928_3162.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_115511_000000923109_00052_50928_3163.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_121032_000002143109_00052_50928_3166.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_141853_000000363109_00053_50929_3219.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_155026_000001903109_00054_50930_3222.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_164344_000001653109_00055_50931_3225.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_173703_000002143109_00055_50931_3223.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_174045_000000923109_00055_50931_3224.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_181958_000002813109_00056_50932_3231.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_191611_000003123109_00056_50932_3234.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_193216_000001533109_00056_50932_3235.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_195934_000002513109_00057_50933_3255.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3252.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3253.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_210454_000002143109_00057_50933_3254.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_213645_000003923109_00058_50934_3273.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_215923_000000923109_00058_50934_3276.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_223648_000003303109_00058_50934_3260.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_230538_000000923109_00059_50935_3279.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20111125_232017_000005443109_00059_50935_3304.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_073322_000002693109_00049_50925_7997.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_082723_000001533109_00050_50926_7998.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_091213_000003923109_00050_50926_8029.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_100911_000000923109_00051_50927_8030.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_114201_000003613109_00052_50928_8061.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_130442_000000923109_00053_50929_8096.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_131756_000004343109_00053_50929_8095.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_145643_000006003109_00054_50930_8124.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_163737_000004043109_00055_50931_8150.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_181801_000001533109_00056_50932_8172.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_195051_000003123109_00057_50933_8202.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_195630_000002203109_00057_50933_8203.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_213322_000000923109_00058_50934_8212.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20111125_231508_000002083109_00059_50935_8223.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

AUXILIARY FILES ANALYSIS completed  
 #####

MODULE STEPPING ANALYSIS  
 #####  
 Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
 Results will be exported to the directory: ./RESULTS/DAILY/\_111125/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_111125/MODULE\_STEPPING...  
 Creating directory ./RESULTS/DAILY/\_111125/MODULE\_STEPPING/FIRST\_REFERENCE...





Creating directory ./RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE...  
 Creating directory ./RESULTS/DAILY/\_111125/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/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
 Test product: ASA\_MS\_\_0PNPDE20111125\_204424\_000000163109\_00057\_50933\_0287.N1

H  
 H  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20111125\_204424-20010209\_135042.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20111125\_204424-20010209\_135042.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20111125\_204424-20010209\_135042.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20111125\_204424-20010209\_135042.png

Polarization: V  
 Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
 Test product: ASA\_MS\_\_0PNPDE20111125\_222438\_000000163109\_00058\_50934\_0288.N1

V  
 V  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20111125\_222438-20010209\_140823.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20111125\_222438-20010209\_140823.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20111125\_222438-20010209\_140823.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20111125\_222438-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_\_0PNPDE20111124\_212109\_000000163109\_00043\_50919\_0285.N1  
 Test product: ASA\_MS\_\_0PNPDE20111125\_204424\_000000163109\_00057\_50933\_0287.N1

H  
 H  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20111125\_204424-20111124\_212109.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20111125\_204424-20111124\_212109.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20111125\_204424-20111124\_212109.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20111125\_204424-20111124\_212109.png

Polarization: V  
 Reference product: ASA\_MS\_\_0PNPDE20111124\_230122\_000000163109\_00044\_50920\_0286.N1  
 Test product: ASA\_MS\_\_0PNPDE20111125\_222438\_000000163109\_00058\_50934\_0288.N1

V  
 V  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20111125\_222438-20111124\_230122.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20111125\_222438-20111124\_230122.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20111125\_222438-20111124\_230122.png  
 ../../RESULTS/DAILY/\_111125/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20111125\_222438-20111124\_230122.png

MODULE\_STEPPING ANALYSIS completed  
 #####

CALIBRATION PULSES ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing products WVS IS2 V/V

1 78977 7 78977

Writing image ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 41953 7 41953

Writing image ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-25\_1.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-25\_2.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-25\_3.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-11-25\_4.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-25\_1.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-25\_2.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-25\_3.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_111125/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-11-25\_4.dat...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_111125//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

#####



DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_111125/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-11-25.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111125/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-11-25.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111125/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-11-25.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111125/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_111125/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing products WVS IS2 V/V

1205  
Loading predicted doppler values...  
./PREDICTED\_DOPPLER/doppler.WV\_2

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

-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615



624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -47.677014 Hz

Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1265

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758  
10.5846  
-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387

19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.434535 Hz  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*



Analysing products GM1 SS1 H/H

2742

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

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

-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -36.460698 Hz  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2548  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876



-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661

627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -41.068629 Hz  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_111125//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_111125/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-11-25.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-11-25.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_111125/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

```
#####  
Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_111125/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_111125/RAW_DATA...
```

```
*****  
Getting raw data for WVS from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/_111125/RAW_DATA/Raw_data_WVS_2011-11-25.dat...  
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_WVS_input_mean.png...  
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_WVS_input_stdev.png...  
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****  
Getting raw data for IMM from 2011-11-25 00:00:00 to 2011-11-25 23:59:59...  
Writing file ./RESULTS/DAILY/_111125/RAW_DATA/Raw_data_IMM_2011-11-25.dat...  
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_IMM_input_mean.png...  
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_IMM_input_stdev.png...  
Creating image ../../RESULTS/DAILY/_111125/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

```
RAW DATA ANALYSIS completed
```

```
#####
```

#### TELEMETRY ANALYSIS

```
#####  
Analysis will be performed from 2011-11-25 00:00:00 to 2011-11-25 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_111125/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_111125/TELEMETRY...
```

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

```
*****
```

```
Checking 27 products from PDE...  
Found product...ASA_WVS_1PNPDE20111125_005925_000002103109_00045_50921_2978.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20111125_224220_000002253109_00058_50934_3268.N1 / 1 gaps / 0 missing lines  
Checking 27 products from PDK...  
Found product...ASA_WVS_1PNPDK20111125_125536_000005103109_00052_50928_8085.N1 / 0 gaps / 8 missing lines
```

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

```
*****
```

```
Checking 36 products from PDE...  
Checking 40 products from PDK...
```

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

```
*****
```

```
Checking 4 products from PDE...  
No products from PDK...
```

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

```
*****
```

```
Checking 15 products from PDE...  
Checking 4 products from PDK...
```

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

```
*****
```

```
Checking 35 products from PDE...  
Found product...ASA_WSM_1PNPDE20111125_043839_00000923109_00048_50924_3059.N1 / 0 gaps / 100 missing lines  
Found product...ASA_WSM_1PNPDE20111125_083412_000001903109_00050_50926_3129.N1 / 0 gaps / 2 missing lines  
Found product...ASA_WSM_1PNPDE20111125_193216_000001533109_00056_50932_3235.N1 / 0 gaps / 2 missing lines  
Checking 14 products from PDK...
```



Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_111125/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_111125/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_111125/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_1PNPDE20111125_015738_000000873109_00046_50922_3019.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20111125_033353_000000573109_00047_50923_3052.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20111125_044019_000000423109_00048_50924_3061.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20111125_211848_000000453109_00058_50934_3257.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_1PNPDE20111125_002532_000001083109_00045_50921_2969.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_002907_000003023109_00045_50921_2971.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_004140_000001143109_00045_50921_2973.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_004608_000003983109_00045_50921_2979.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_010858_000003143109_00045_50921_3002.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_013317_000012873109_00046_50922_3008.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_020109_000003803109_00046_50922_3007.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_022152_000009613109_00046_50922_3016.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_024351_000000903109_00046_50922_3015.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_024529_000003983109_00046_50922_3014.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_025333_000002713109_00046_50922_3011.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_030420_000001633109_00047_50923_3010.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_031536_000008703109_00047_50923_3021.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_040205_000005373109_00047_50923_3064.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_041909_000000843109_00047_50923_3065.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_044125_000005793109_00048_50924_3066.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_045306_000012083109_00048_50924_3071.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_054220_000004413109_00048_50924_3098.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_063312_000013173109_00049_50925_3099.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_065627_000009853109_00049_50925_3101.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_200359_000001323109_00057_50933_3241.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_200820_000001383109_00057_50933_3243.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_204542_000006283109_00057_50933_3247.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_210830_000006163109_00057_50933_3258.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_211955_000004713109_00058_50934_3259.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_212911_000001503109_00058_50934_3262.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_213526_000000723109_00058_50934_3261.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_214322_000002353109_00058_50934_3265.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_214808_000001503109_00058_50934_3266.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_222556_000006283109_00058_50934_3269.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_225845_000003863109_00059_50935_3288.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_231844_000000843109_00059_50935_3287.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_232923_000001993109_00059_50935_3295.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_234833_000001443109_00059_50935_3294.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20111125_235233_000002773109_00059_50935_3291.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_072234_000006283109_00049_50925_7987.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_081147_000007673109_00050_50926_7989.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_082324_000002353109_00050_50926_8015.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_084114_000006223109_00050_50926_8016.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_090248_000005613109_00050_50926_8018.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_095306_000005433109_00051_50927_8020.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_095306_000005433109_00051_50927_8022.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_100547_000001993109_00051_50927_8047.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_101719_000001143109_00051_50927_8048.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_104301_000005493109_00051_50927_8052.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_113016_000000843109_00052_50928_8051.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_113238_000003323109_00052_50928_8053.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_122315_000009613109_00052_50928_8082.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_124653_000005193109_00052_50928_8084.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_130754_000005983109_00053_50929_8087.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_132519_000002293109_00053_50929_8100.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_134633_000005553109_00053_50929_8101.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_135556_000003503109_00053_50929_8103.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_140329_000007313109_00053_50929_8107.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_142649_000002593109_00053_50929_8106.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_143328_000002893109_00053_50929_8109.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_144229_000008523109_00054_50930_8110.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_150647_000000783109_00054_50930_8130.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_151058_000001693109_00054_50930_8129.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_151435_000001813109_00054_50930_8136.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_154342_000003983109_00054_50930_8137.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_155342_000001633109_00054_50930_8139.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_162212_000001023109_00055_50931_8138.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_162447_000007673109_00055_50931_8142.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20111125_165707_000002833109_00055_50931_8161.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_172358_000004343109_00055_50931_8162.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_173201_000003023109_00055_50931_8164.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_180352_000007493109_00056_50932_8165.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_181509_000001693109_00056_50932_8186.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_183042_000001203109_00056_50932_8187.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_183505_000000723109_00056_50932_8188.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_190413_000003503109_00056_50932_8189.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_191051_000003143109_00056_50932_8190.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_192953_000001383109_00056_50932_8192.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20111125_193615_000008703109_00056_50932_8194.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_1PNPDE20111125_015927_000000943109_00046_50922_3017.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_025206_000000793109_00046_50922_3020.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_030703_000000353109_00047_50923_3030.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_033007_000002113109_00047_50923_2998.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_033454_000000843109_00047_50923_3000.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_065509_000000673109_00049_50925_3096.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_083808_000001763109_00050_50926_3130.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_110447_000000373109_00051_50927_3165.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_162359_000000373109_00055_50931_3221.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_165427_000001513109_00055_50931_3226.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_173114_000000363109_00055_50931_3227.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_191003_000000373109_00056_50932_3233.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_202159_000000253109_00057_50933_3256.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_214715_000000453109_00058_50934_3277.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20111125_235823_000000363109_00059_50935_3305.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20111125_082954_000002123109_00050_50926_7999.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20111125_101201_000000753109_00051_50927_8031.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20111125_124606_000000383109_00052_50928_8094.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20111125_213142_000000373109_00058_50934_8211.N1 | OK      | OK      | OK      | OK      |



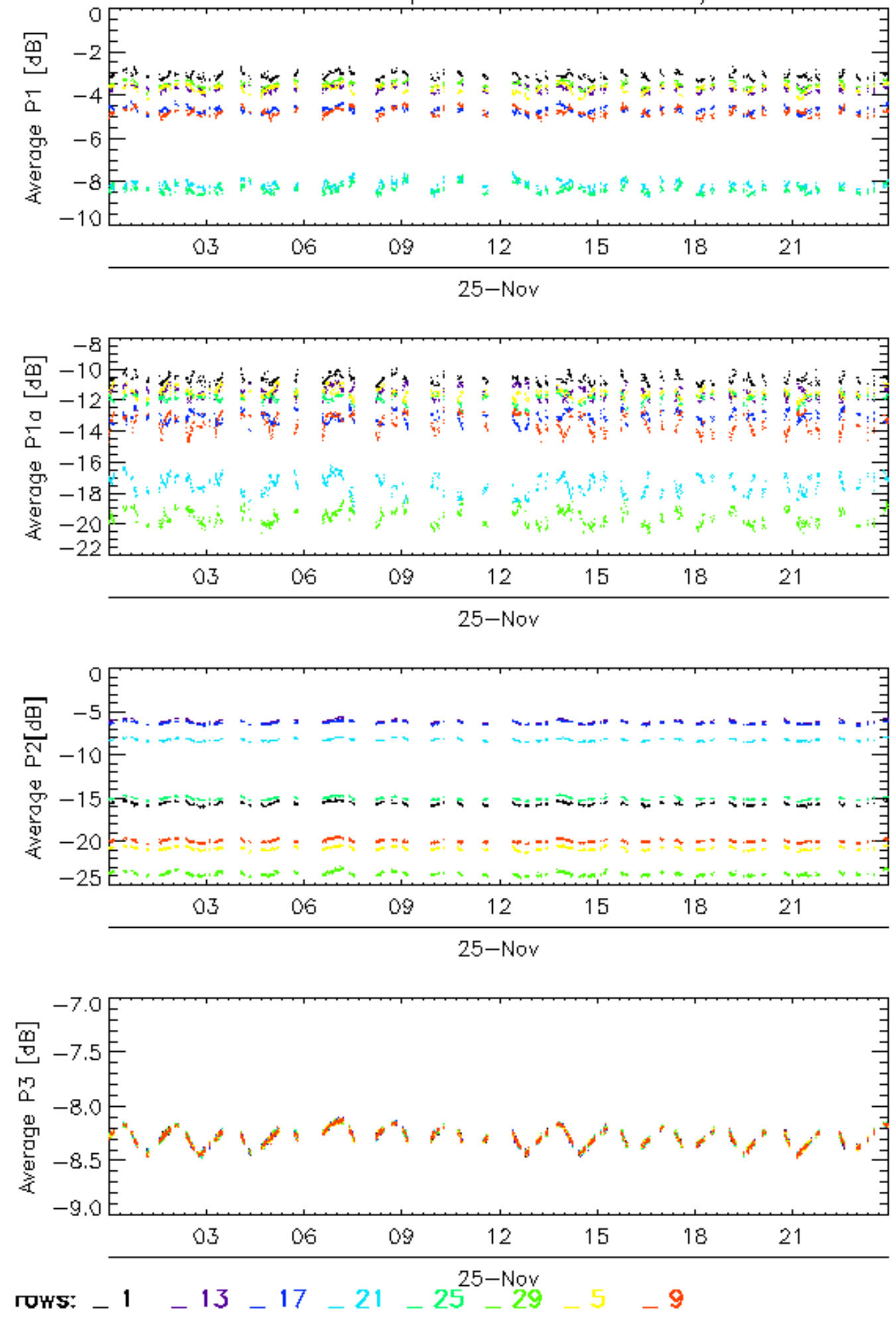
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20111125_004339_000001353109_00045_50921_2961.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_005253_000003923109_00045_50921_2963.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_033645_000002813109_00047_50923_3009.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_041108_000003923109_00047_50923_3060.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_043839_000000923109_00048_50924_3059.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_051316_000004163109_00048_50924_3062.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_054944_000002143109_00048_50924_3093.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_055346_000002143109_00048_50924_3094.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_062931_000002143109_00049_50925_3095.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_071308_000002883109_00049_50925_3108.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_083412_000001903109_00050_50926_3129.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_100211_000002143109_00051_50927_3150.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_100911_000000923109_00051_50927_3151.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_101922_000002513109_00051_50927_3153.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_105215_000003923109_00051_50927_3164.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_113815_000002513109_00052_50928_3162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_115511_000000923109_00052_50928_3163.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_121032_000002143109_00052_50928_3166.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_141853_000000363109_00053_50929_3219.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_155026_000001903109_00054_50930_3222.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_164344_000001653109_00055_50931_3225.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_173703_000002143109_00055_50931_3223.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_174045_000000923109_00055_50931_3224.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_181958_000002813109_00056_50932_3231.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_191611_000003123109_00056_50932_3234.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_193216_000001533109_00056_50932_3235.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_195934_000002513109_00057_50933_3255.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3252.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3253.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_210454_000002143109_00057_50933_3254.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_213645_000003923109_00058_50934_3273.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_215923_000000923109_00058_50934_3276.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_223648_000003303109_00058_50934_3260.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_230538_000000923109_00059_50935_3279.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20111125_232017_000005443109_00059_50935_3304.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_073322_000002693109_00049_50925_7997.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_082723_000001533109_00050_50926_7998.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_091213_000003923109_00050_50926_8029.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_100911_000000923109_00051_50927_8030.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_114201_000003613109_00052_50928_8061.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_130442_000000923109_00053_50929_8096.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_131756_000004343109_00053_50929_8095.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_145643_000006003109_00054_50930_8124.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_163737_000004043109_00055_50931_8150.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_181801_000001533109_00056_50932_8172.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_195051_000003123109_00057_50933_8202.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_195630_000002203109_00057_50933_8203.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_213322_000000923109_00058_50934_8212.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20111125_231508_000002083109_00059_50935_8223.N1 |         |         |         |         | OK | OK | OK | OK |

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

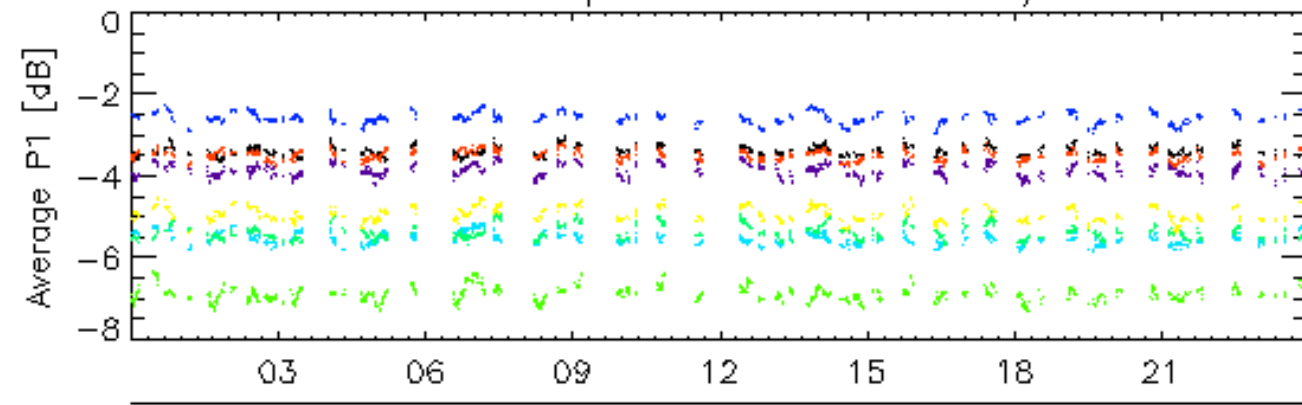
| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20111125_001017_000008693109_00045_50921_2966.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_002725_000000593109_00045_50921_2968.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_003412_000004053109_00045_50921_2972.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_005925_000002103109_00045_50921_2978.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_010210_000003593109_00045_50921_3001.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_011414_000007493109_00045_50921_3003.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_015446_000001343109_00046_50922_3006.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_020734_000008103109_00046_50922_3013.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_023754_000003153109_00046_50922_3012.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_025806_000003293109_00047_50923_3018.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_034127_000006743109_00047_50923_3022.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_035212_000003303109_00047_50923_3063.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_042043_000010343109_00047_50923_3067.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_052013_000010193109_00048_50924_3070.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_053642_000003003109_00048_50924_3097.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_055813_000017243109_00048_50924_3102.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_201046_000006143109_00057_50933_3242.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_202232_000012743109_00057_50933_3246.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_210210_000001203109_00057_50933_3264.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_215045_000004803109_00058_50934_3263.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_220053_000013793109_00058_50934_3267.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_224220_000002253109_00058_50934_3268.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_224520_000007643109_00058_50934_3286.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_230708_000004353109_00059_50935_3289.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_233243_000009143109_00059_50935_3293.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_235101_000000443109_00059_50935_3292.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20111125_235906_000003003109_00059_50935_3296.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_071755_000002403109_00049_50925_7986.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_073827_000019493109_00049_50925_7988.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_085140_000006303109_00050_50926_8017.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8019.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8021.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_102451_000010493109_00051_50927_8049.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_105855_000002703109_00051_50927_8050.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_110611_000013943109_00051_50927_8054.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_114833_000000603109_00052_50928_8076.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_115644_000005993109_00052_50928_8080.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20111125_140150_000000603109_00053_50929_8104.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20111125_151736_000015293109_00054_50930_8141.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20111125_155959_000000603109_00054_50930_8140.N1 |         |         |         |         | OK | OK | OK | OK |
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Calibration pulses for GM1 SS3 H/H

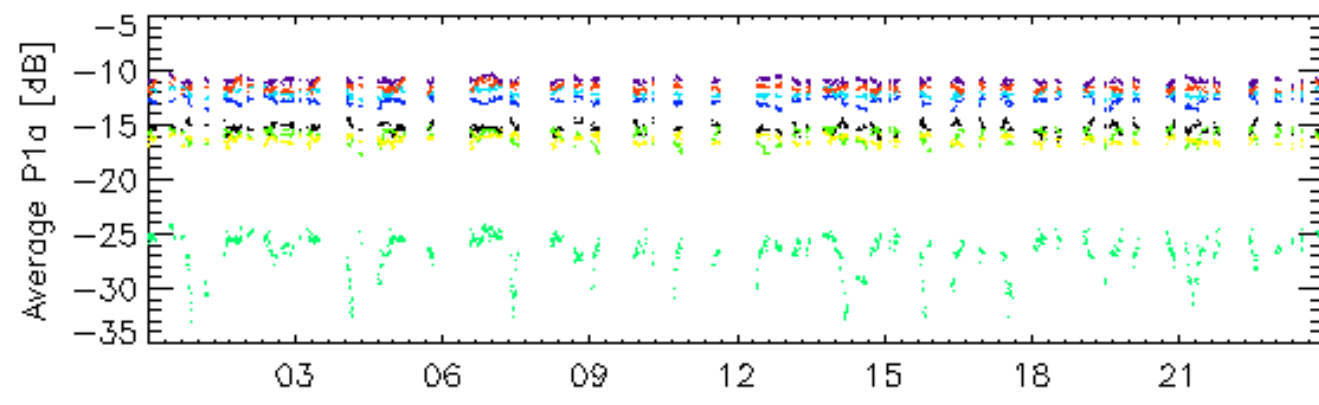




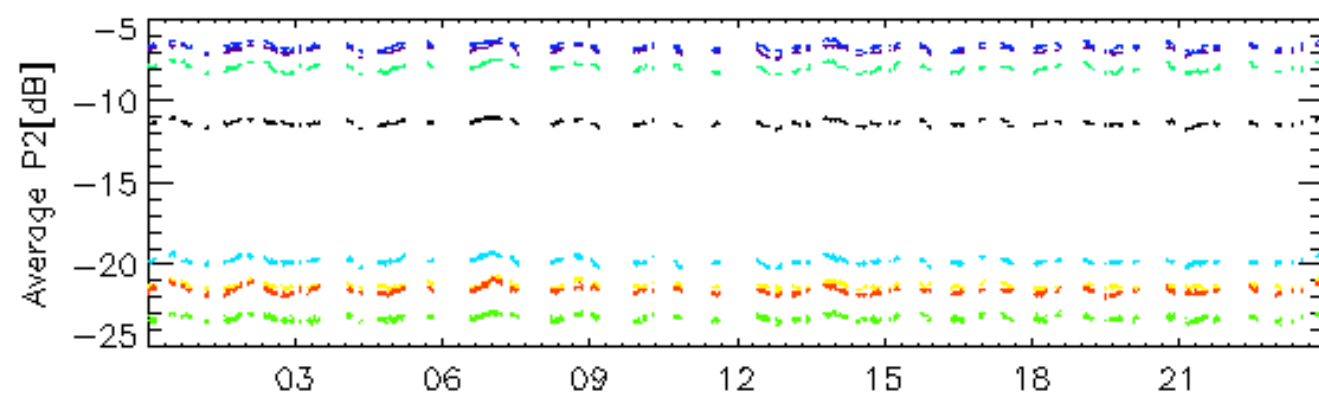
Calibration pulses for GM1 SS3 H/H



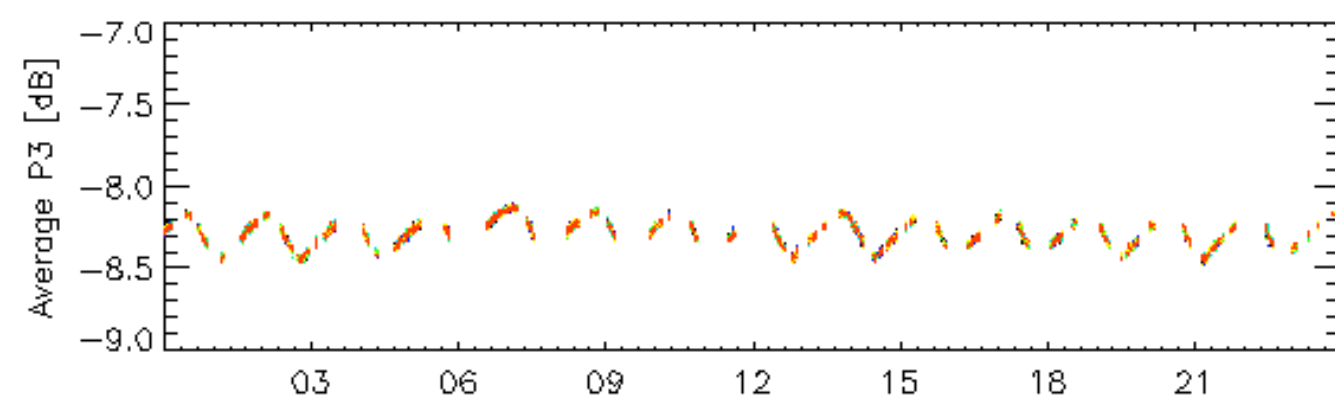
25-Nov



25-Nov



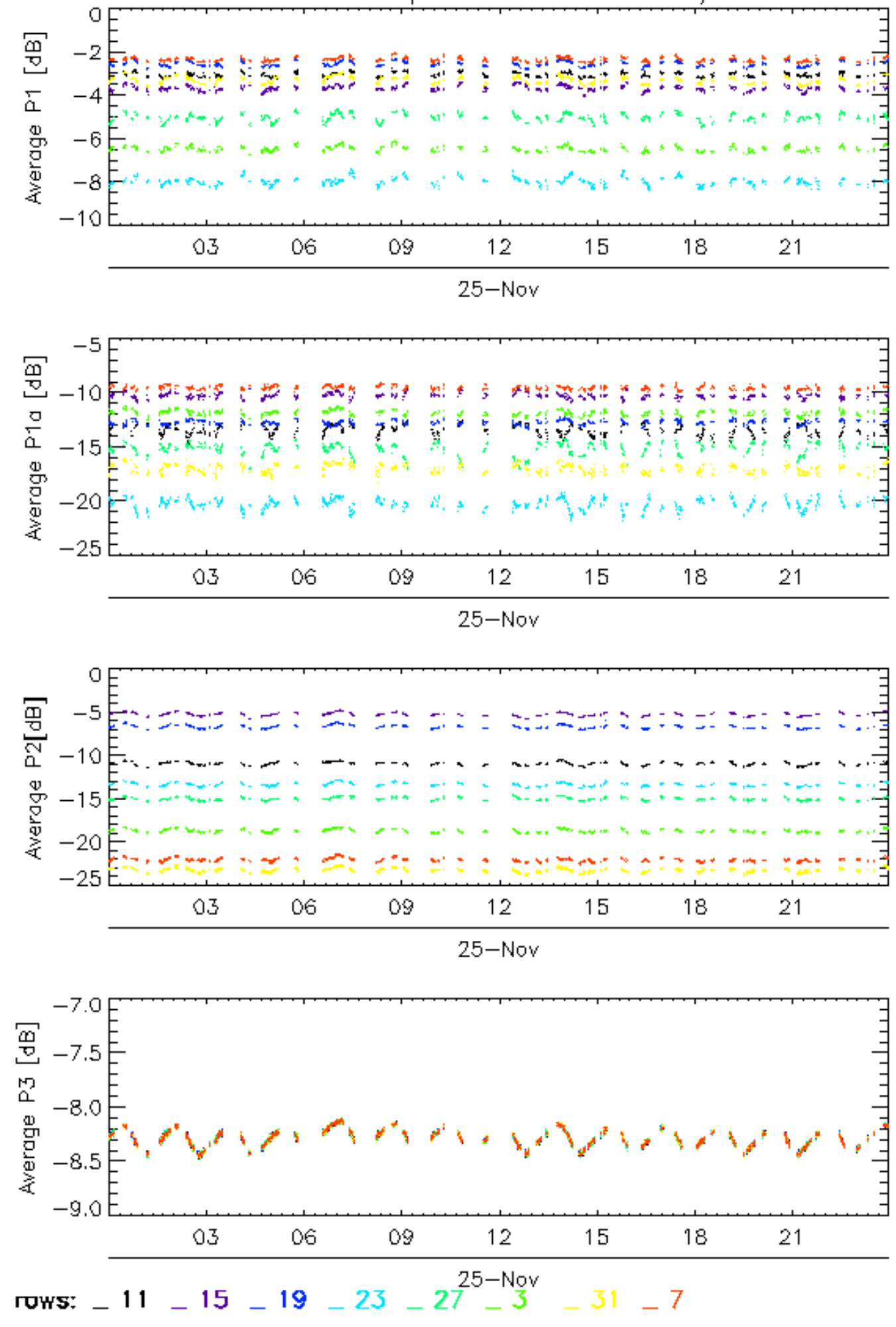
25-Nov



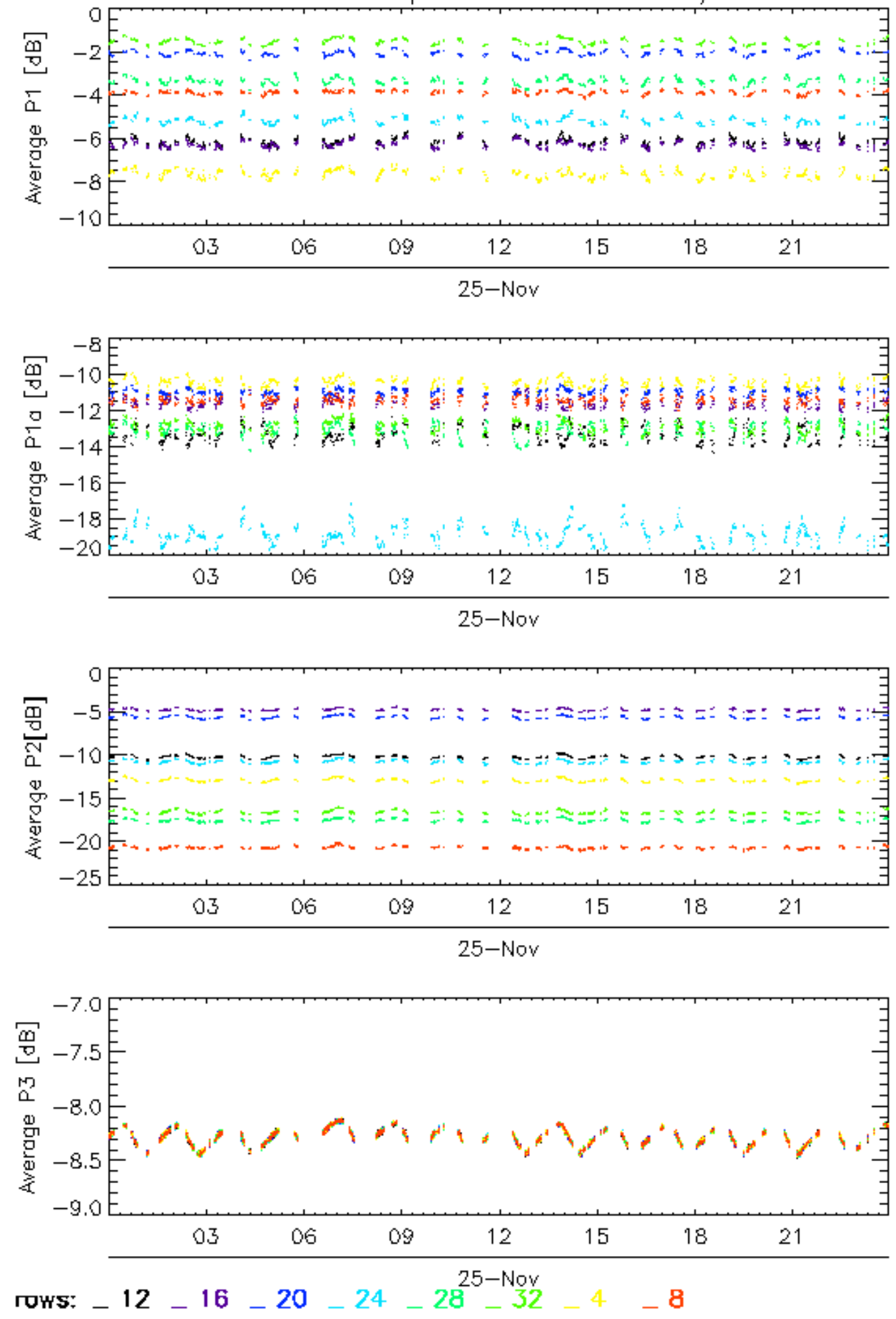
25-Nov

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

### Calibration pulses for GM1 SS3 H/H

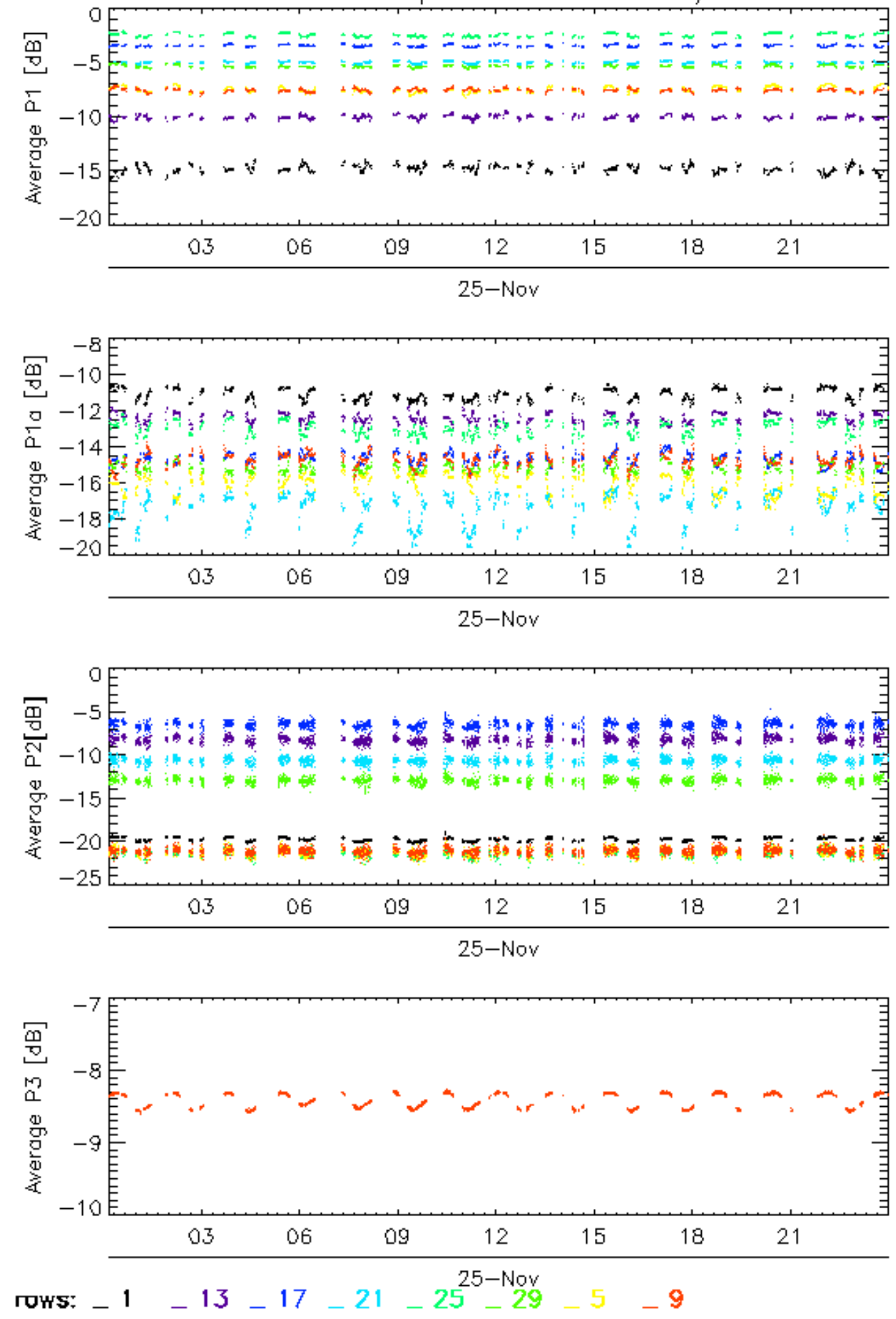


Calibration pulses for GM1 SS3 H/H

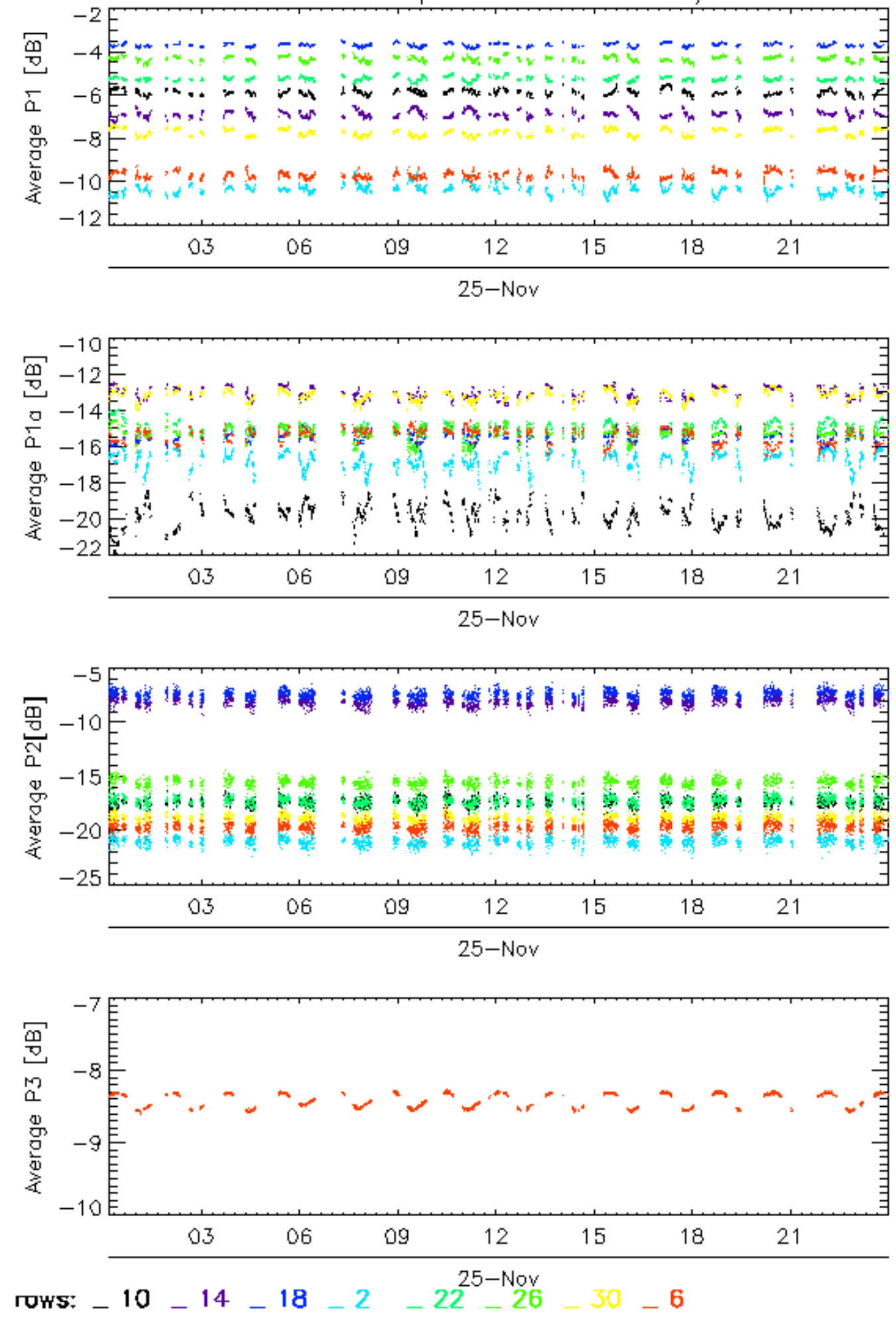




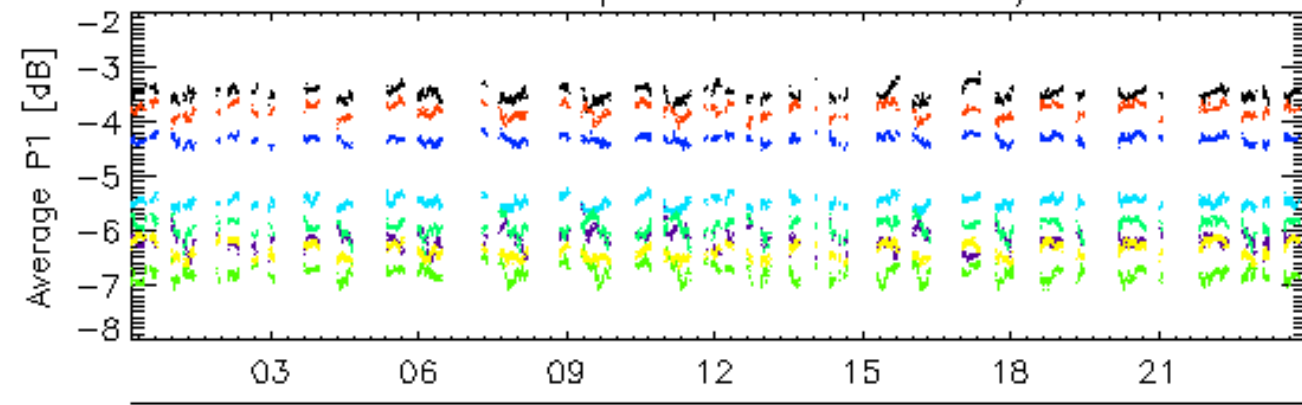
Calibration pulses for WVS IS2 V/V



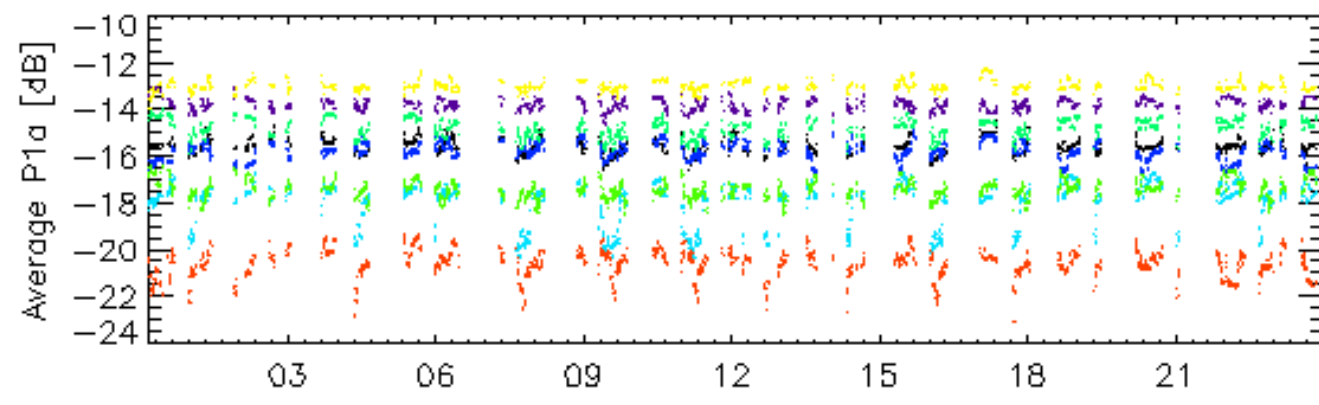
Calibration pulses for WVS IS2 V/V



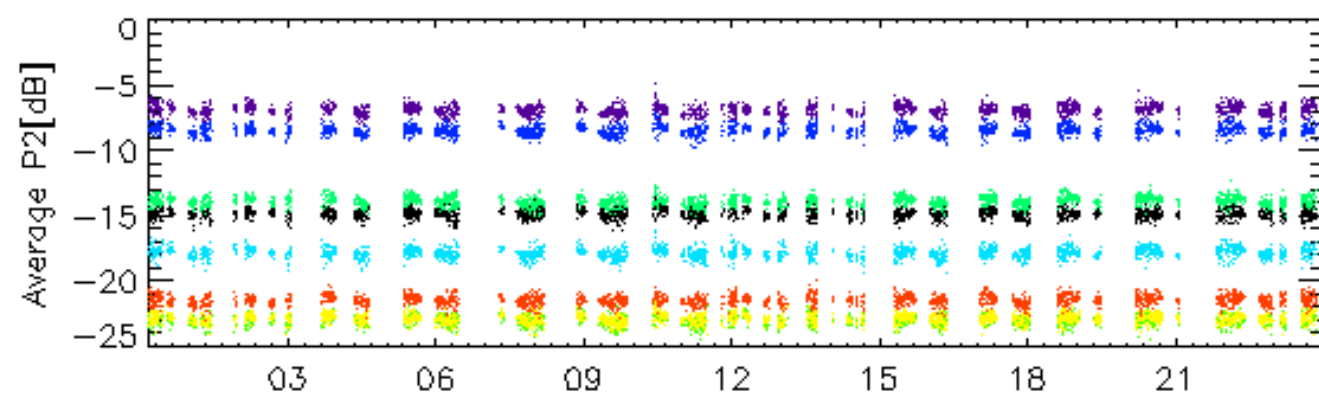
### Calibration pulses for WVS IS2 V/V



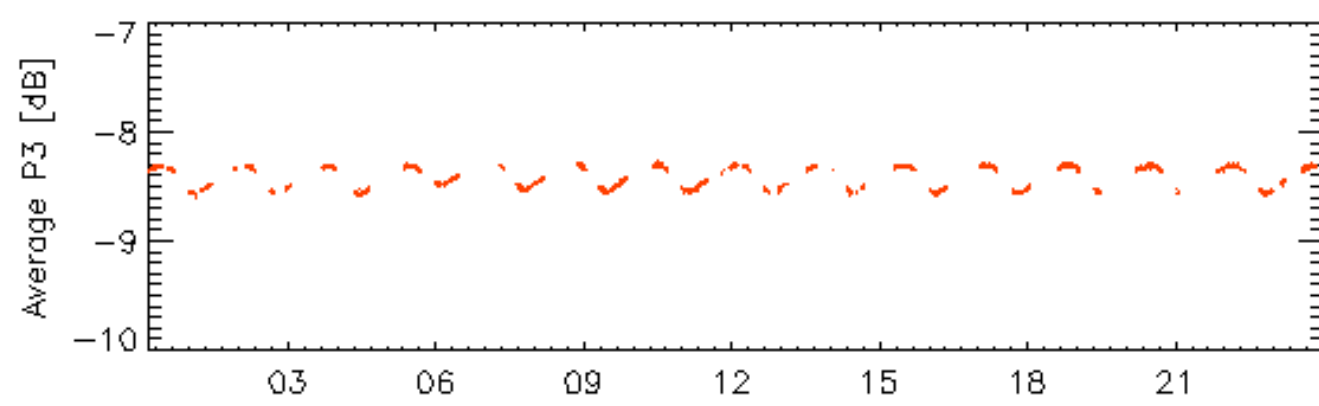
25-Nov



25-Nov



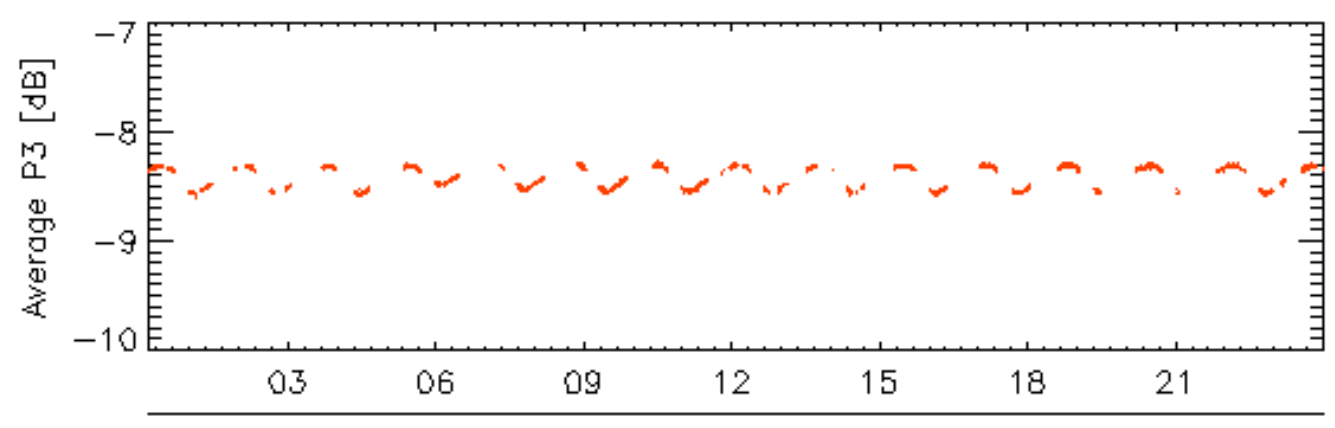
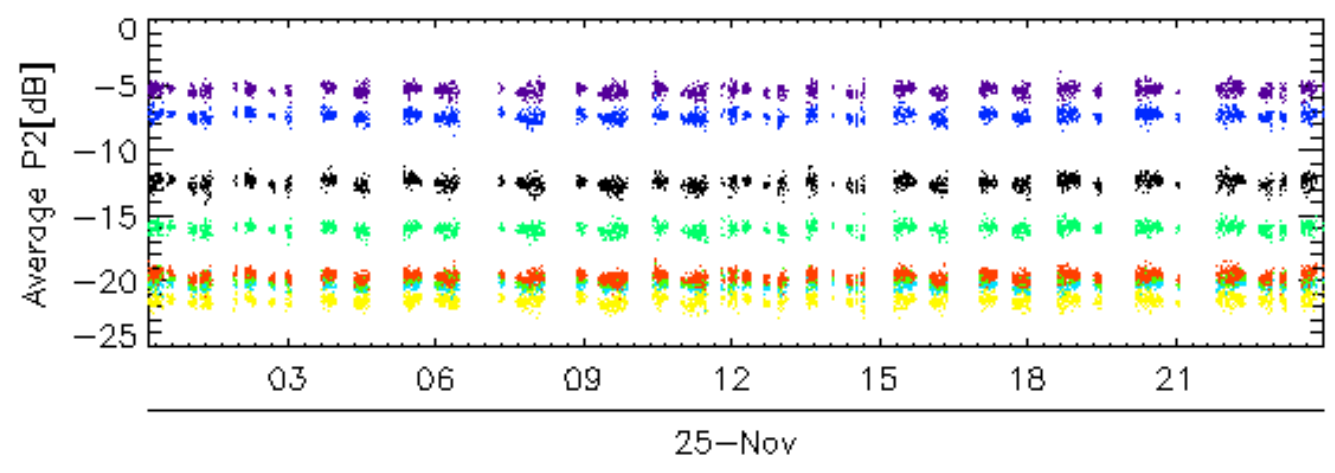
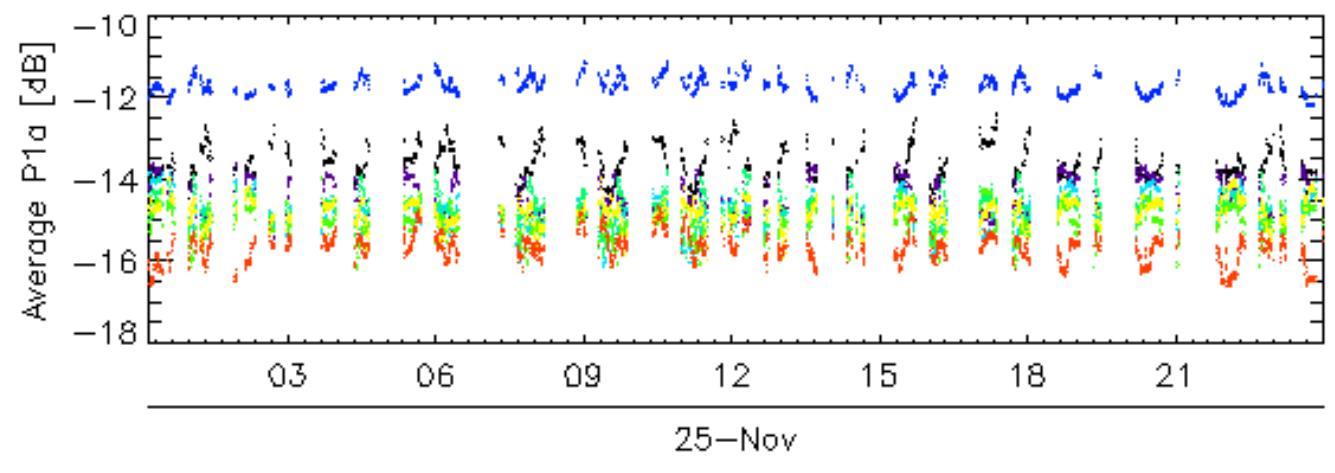
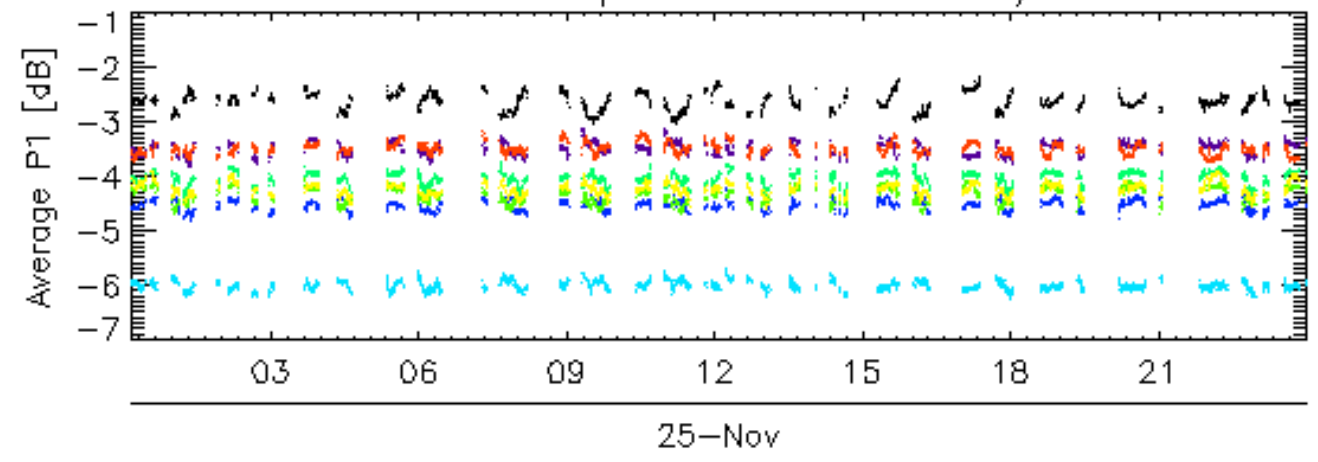
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25-Nov

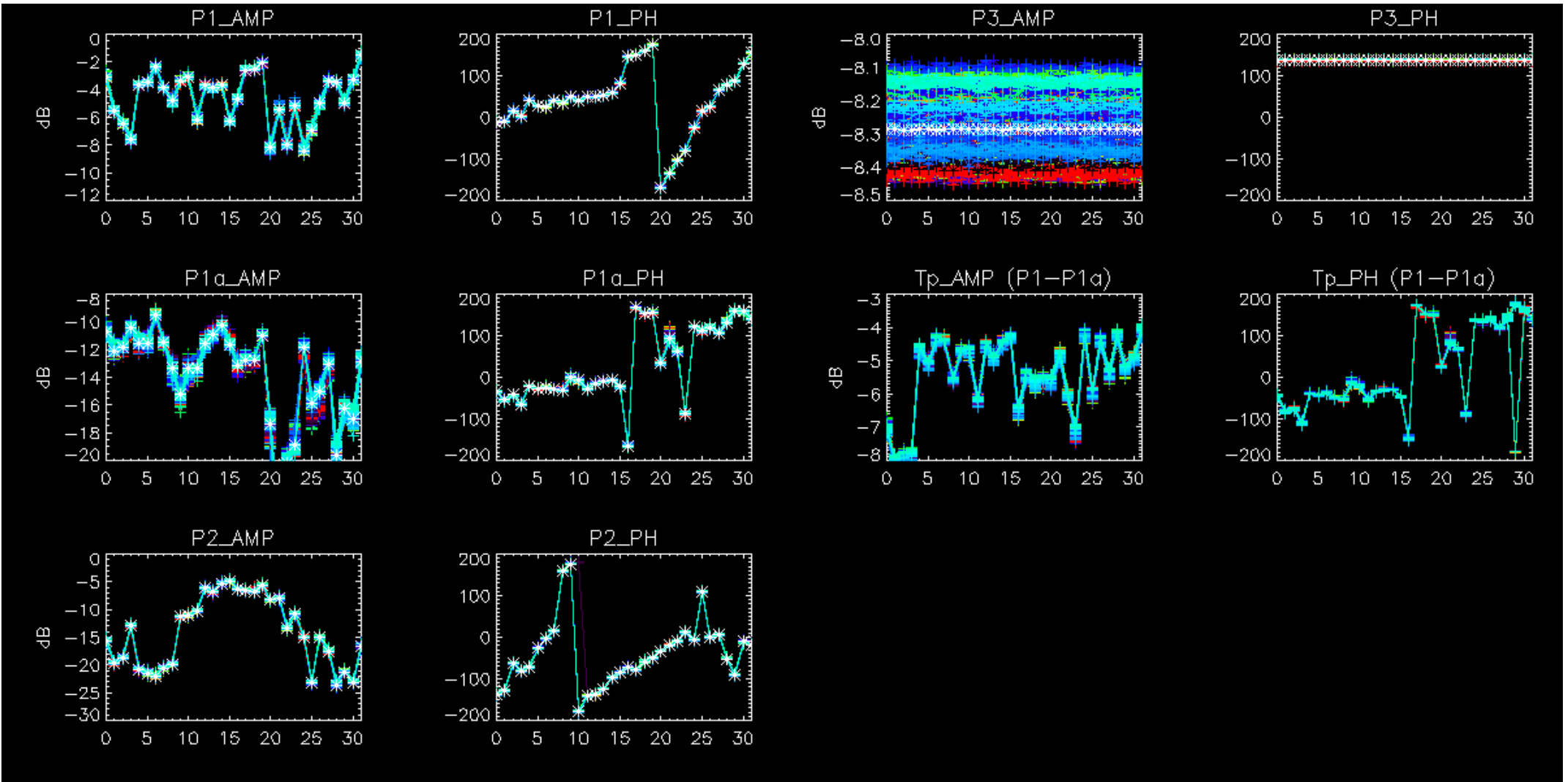
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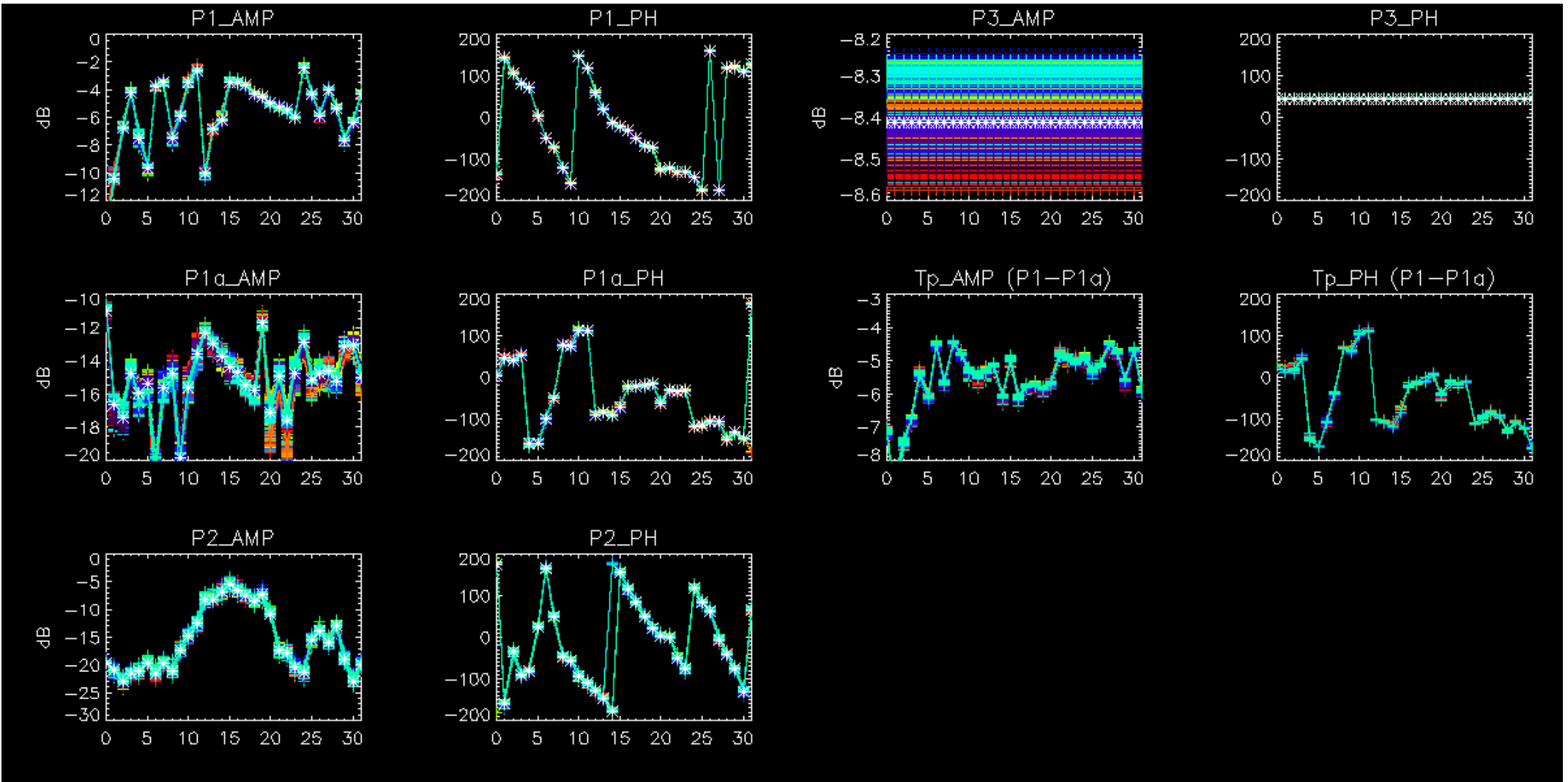
Calibration pulses for WVS IS2 V/V

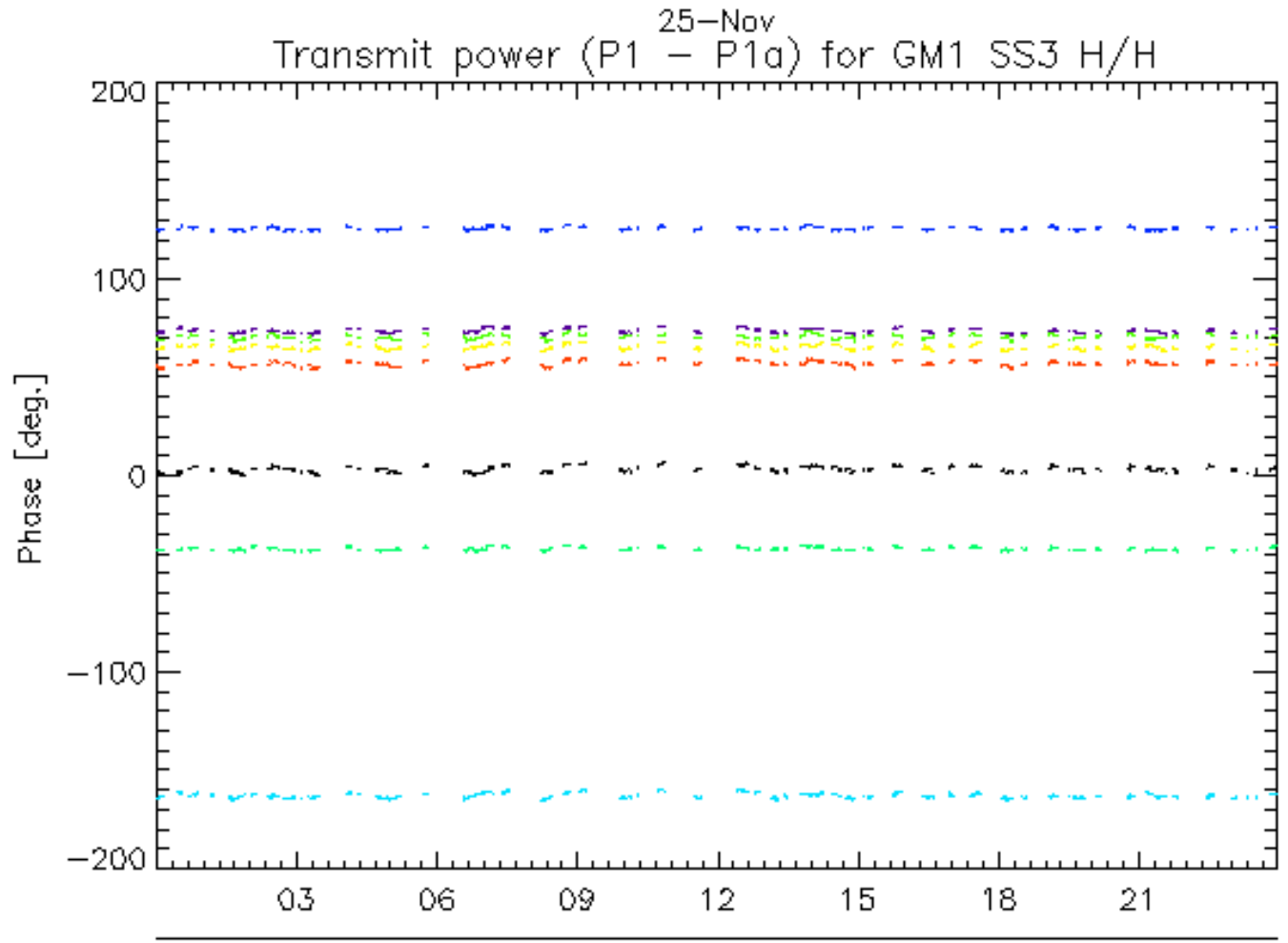
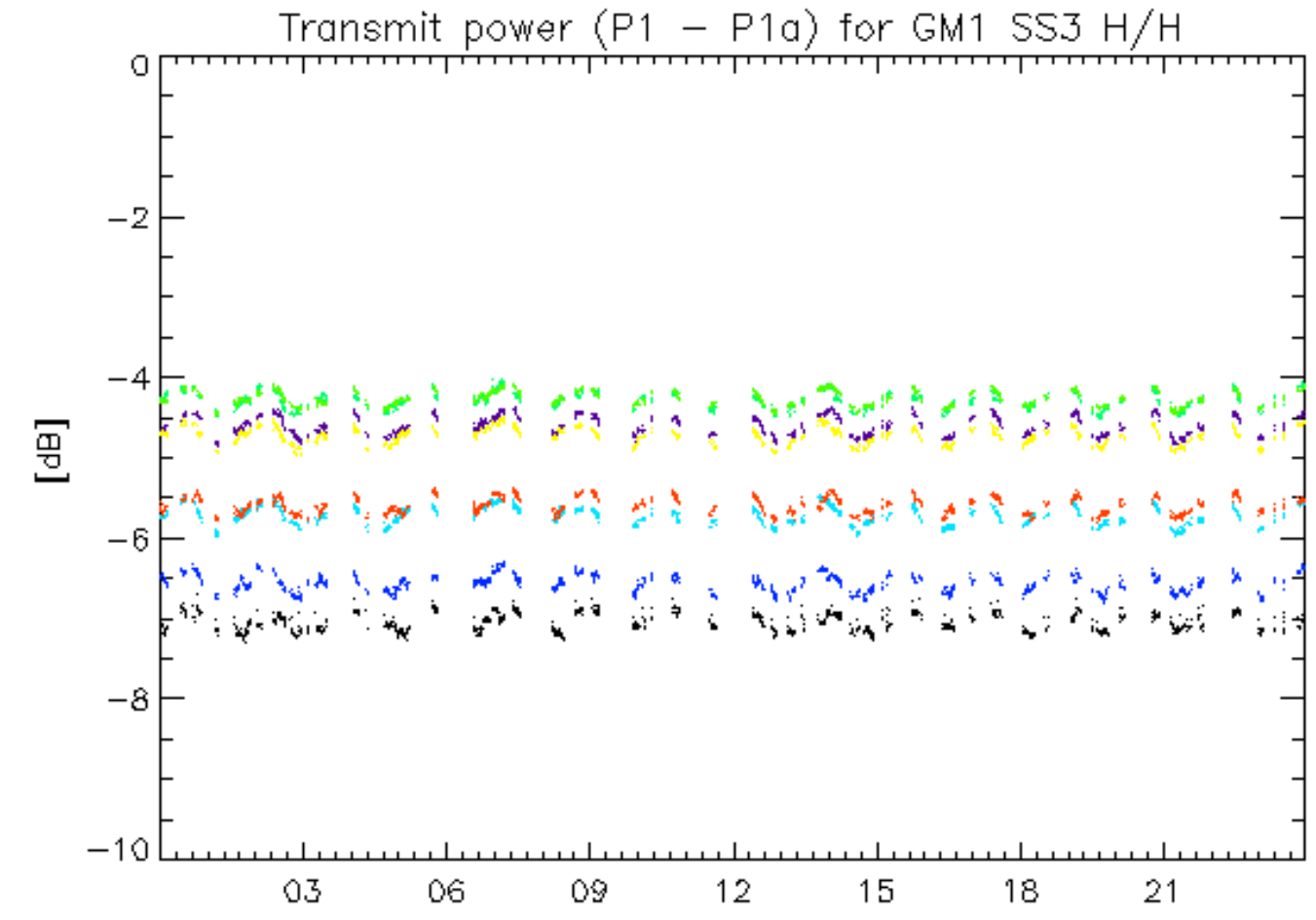


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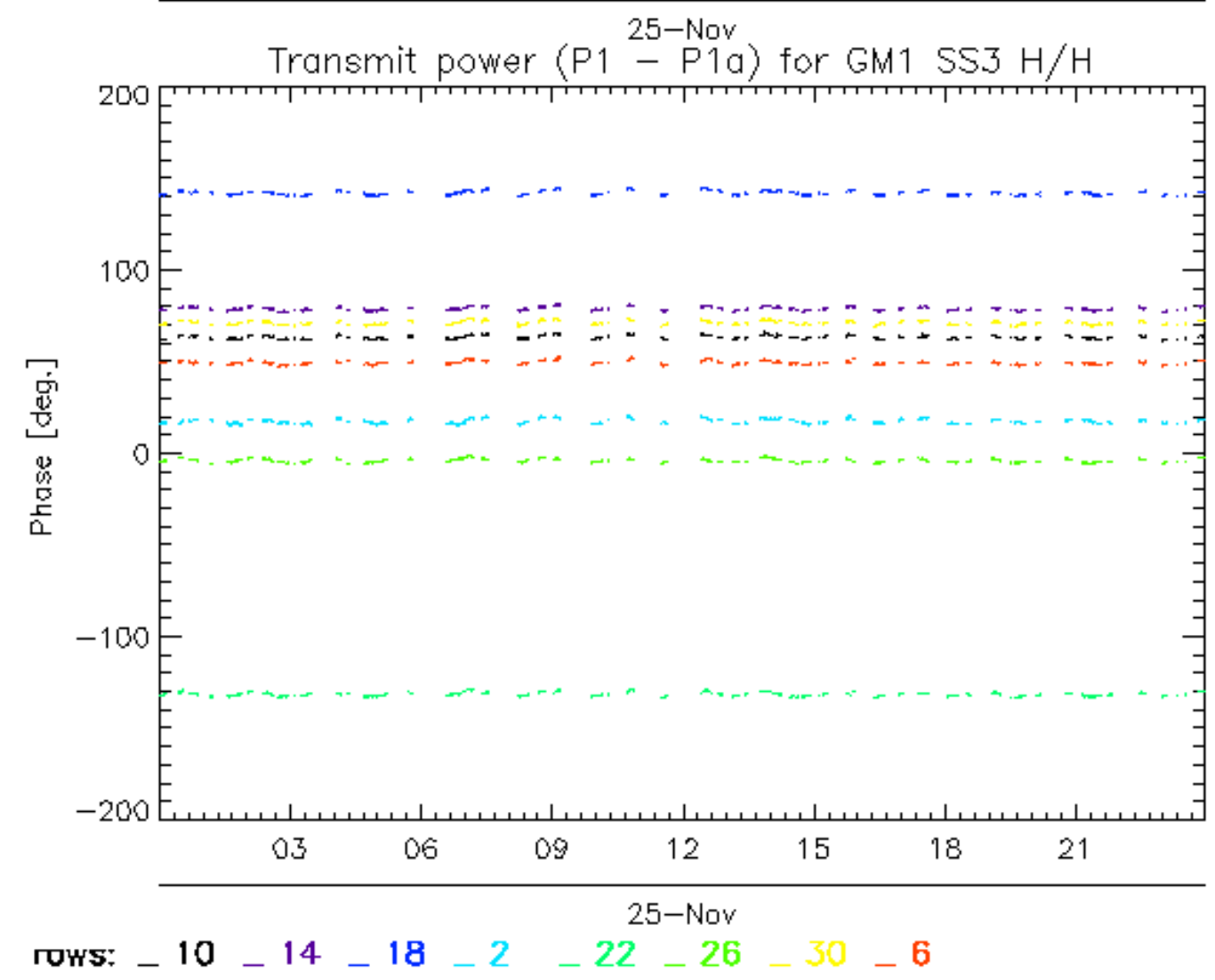
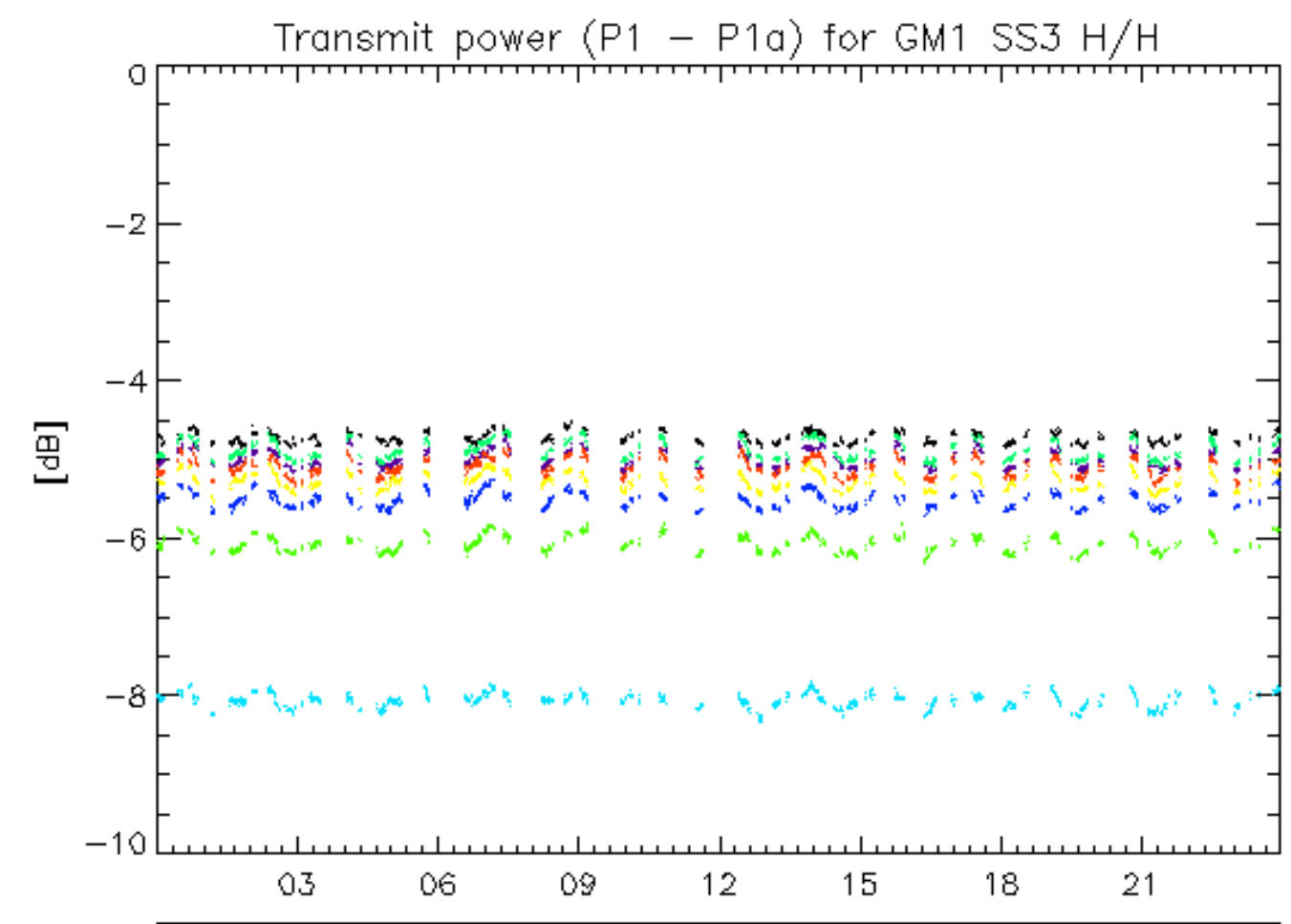




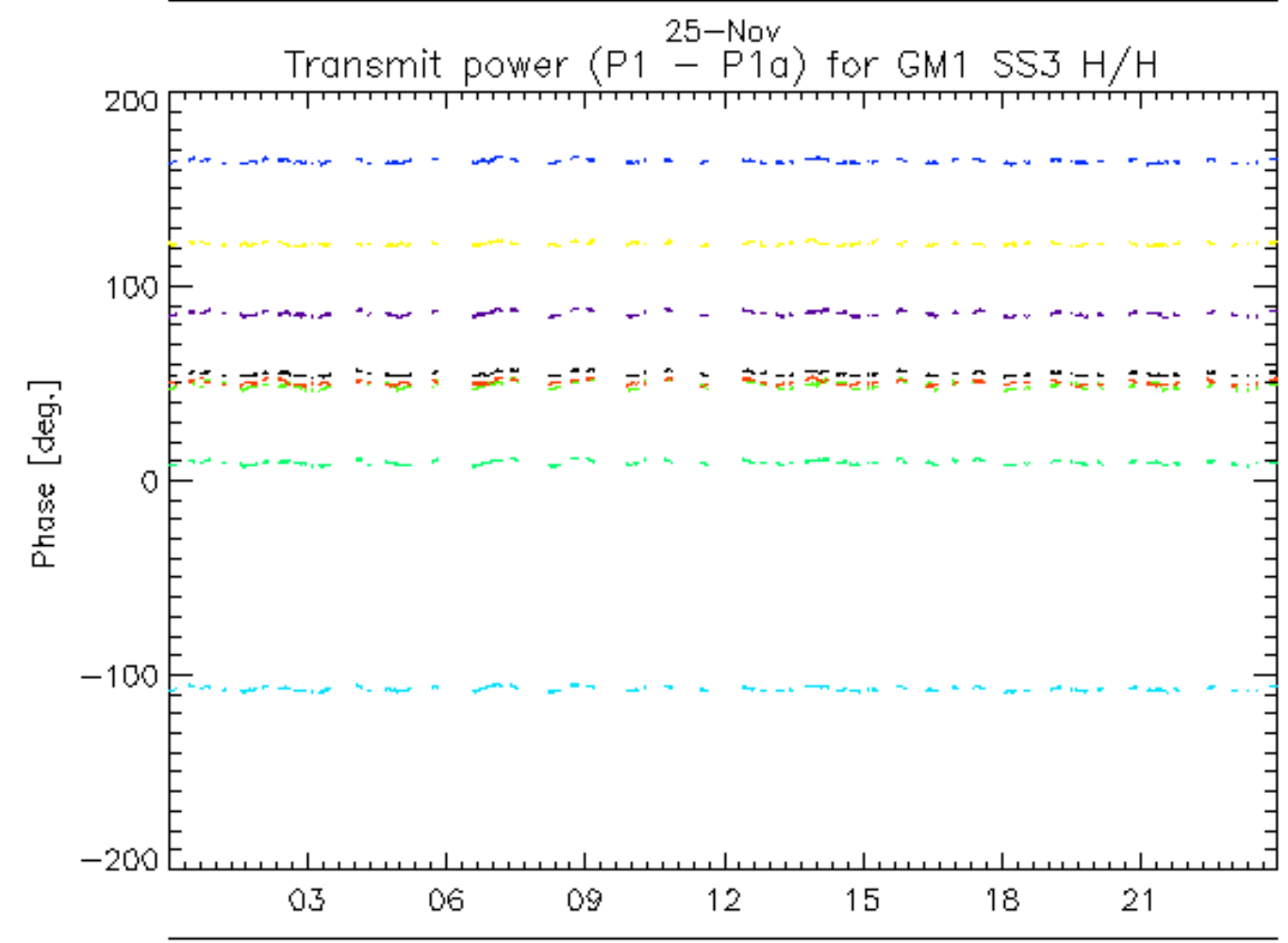
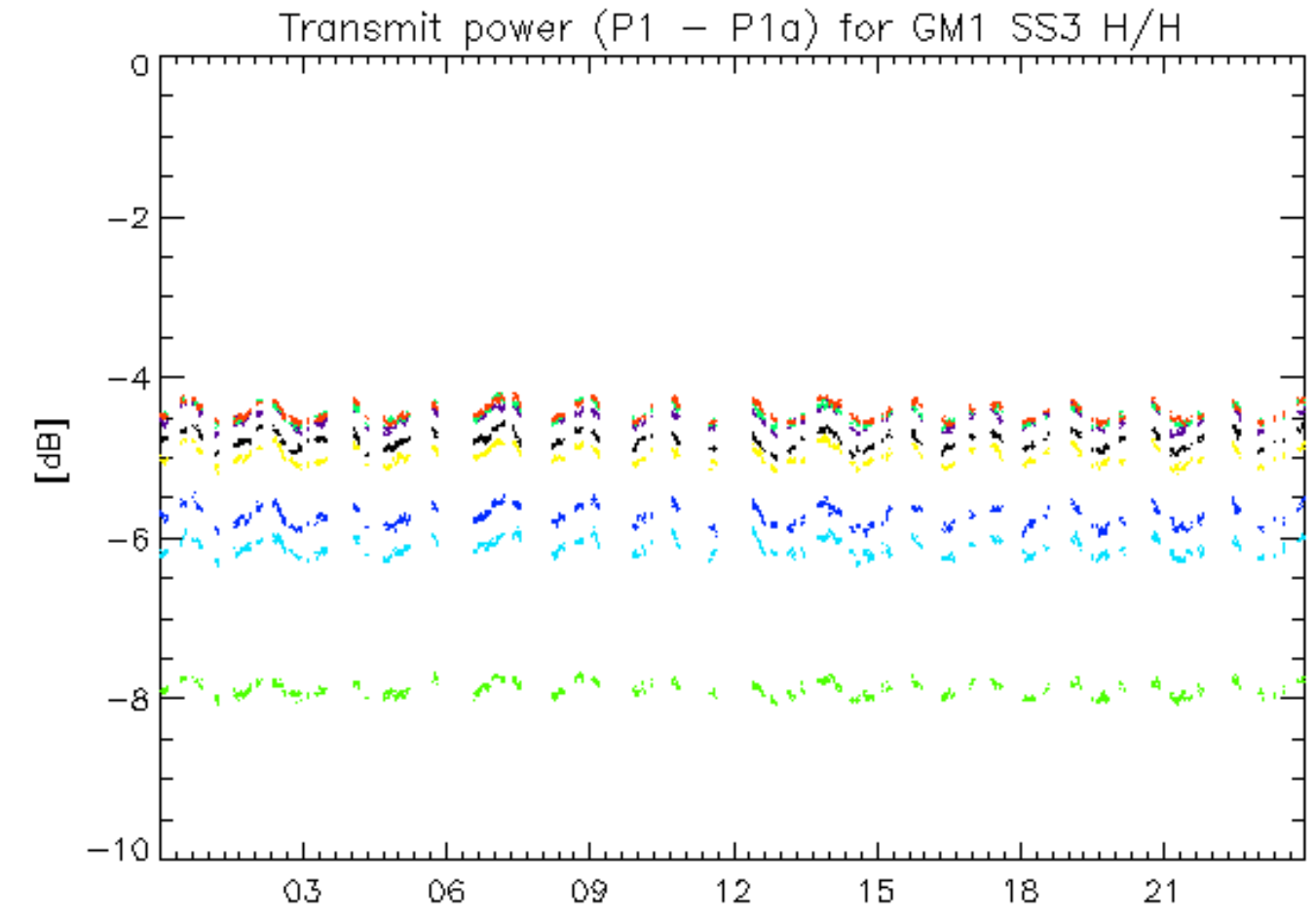




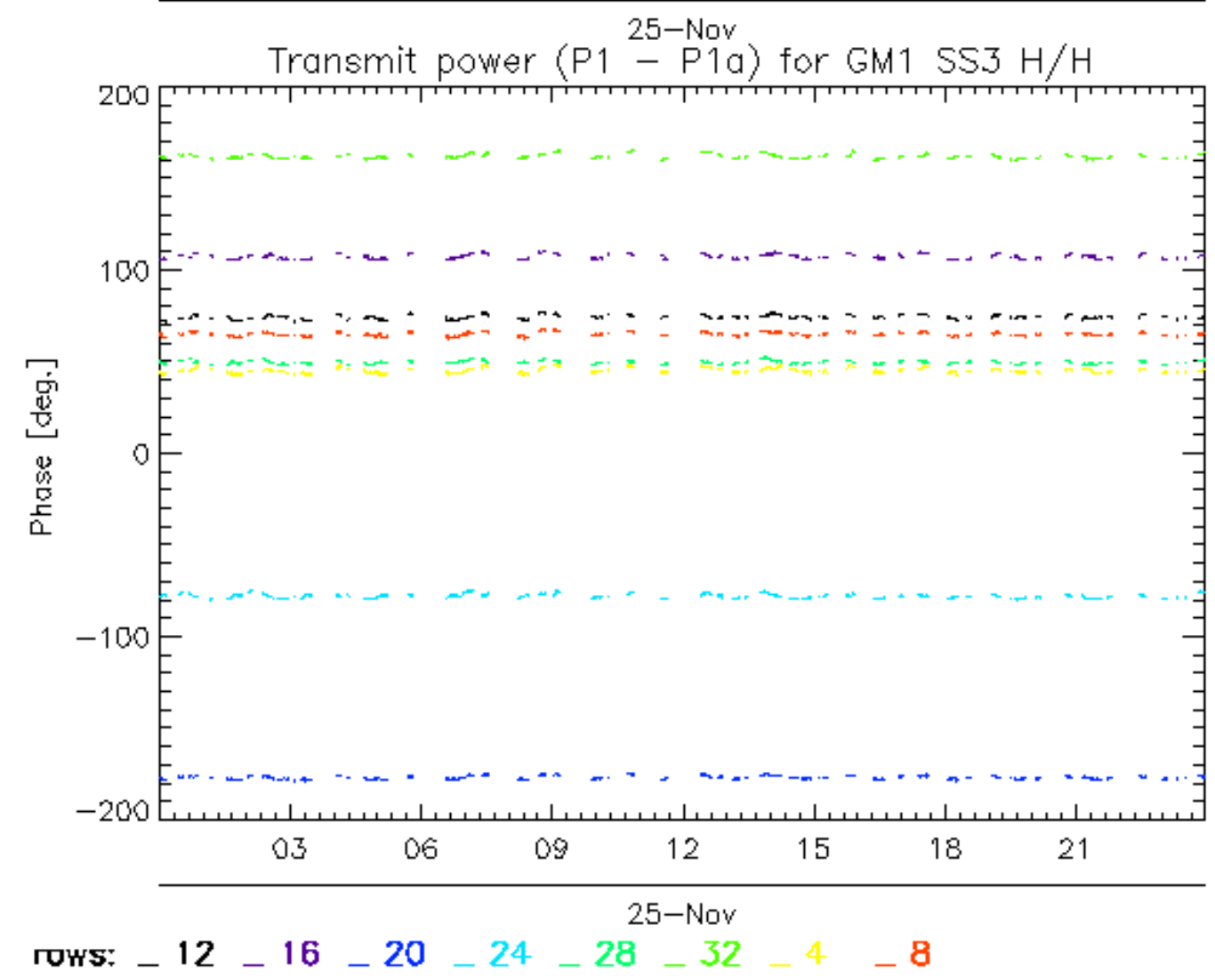
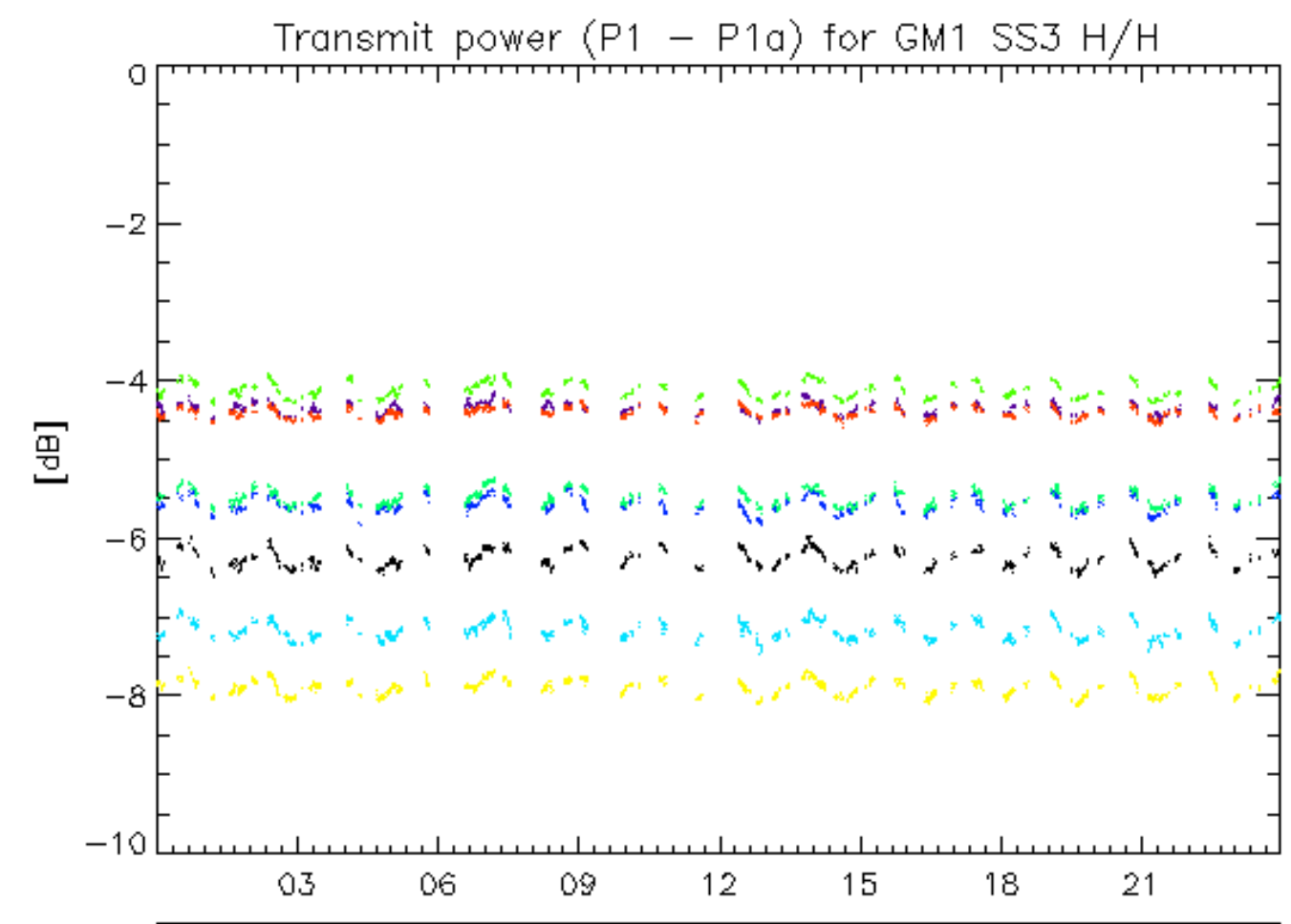
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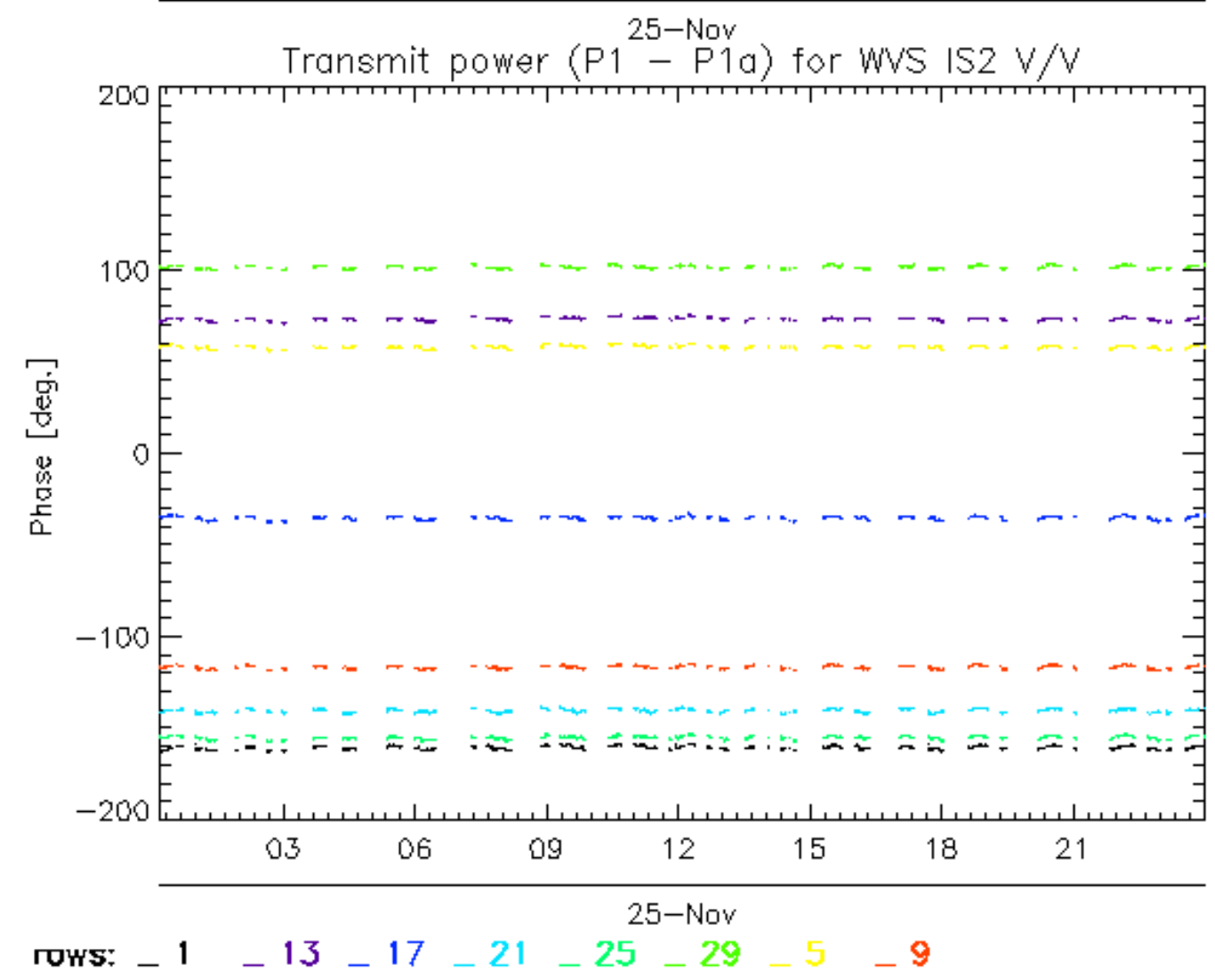
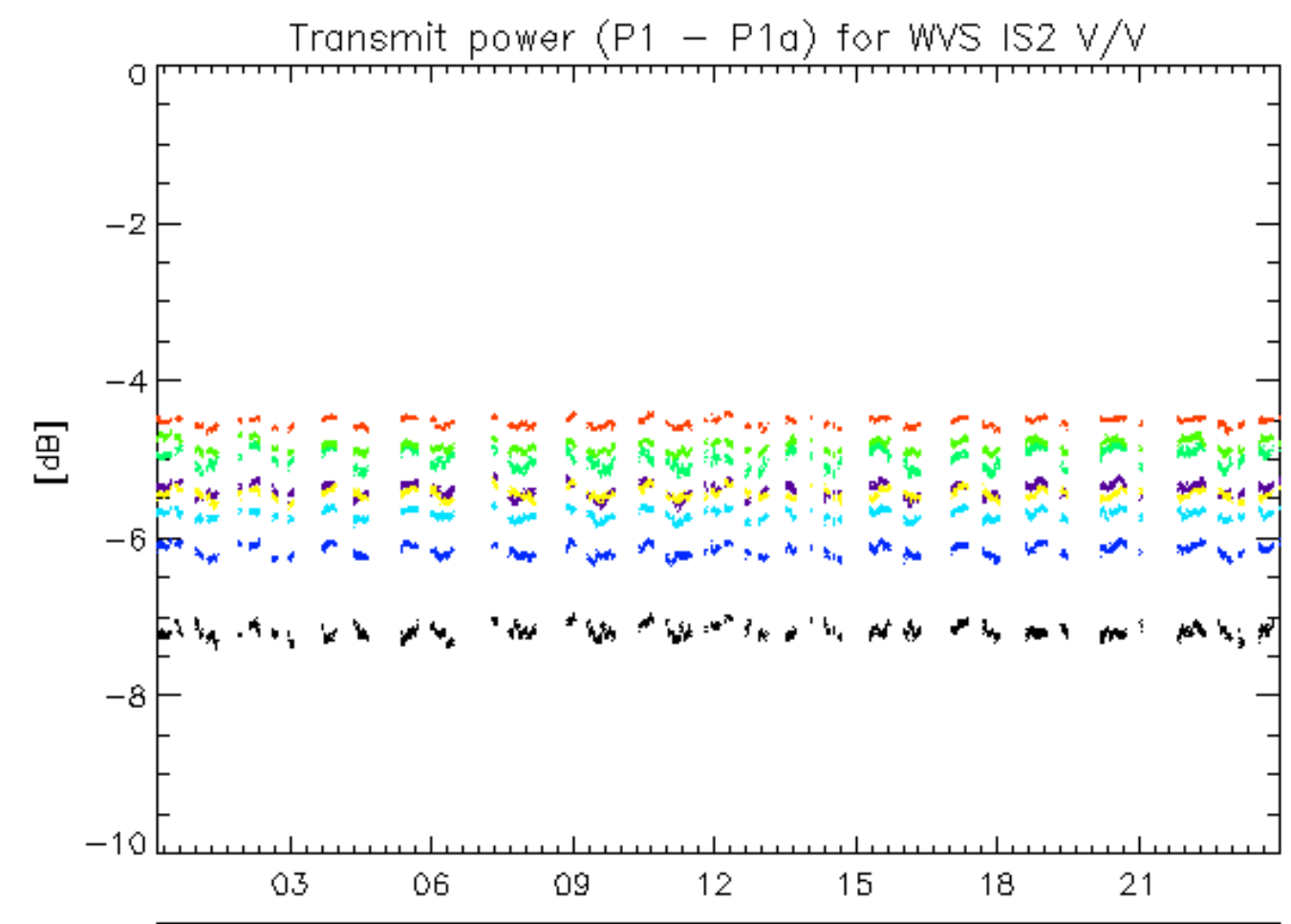


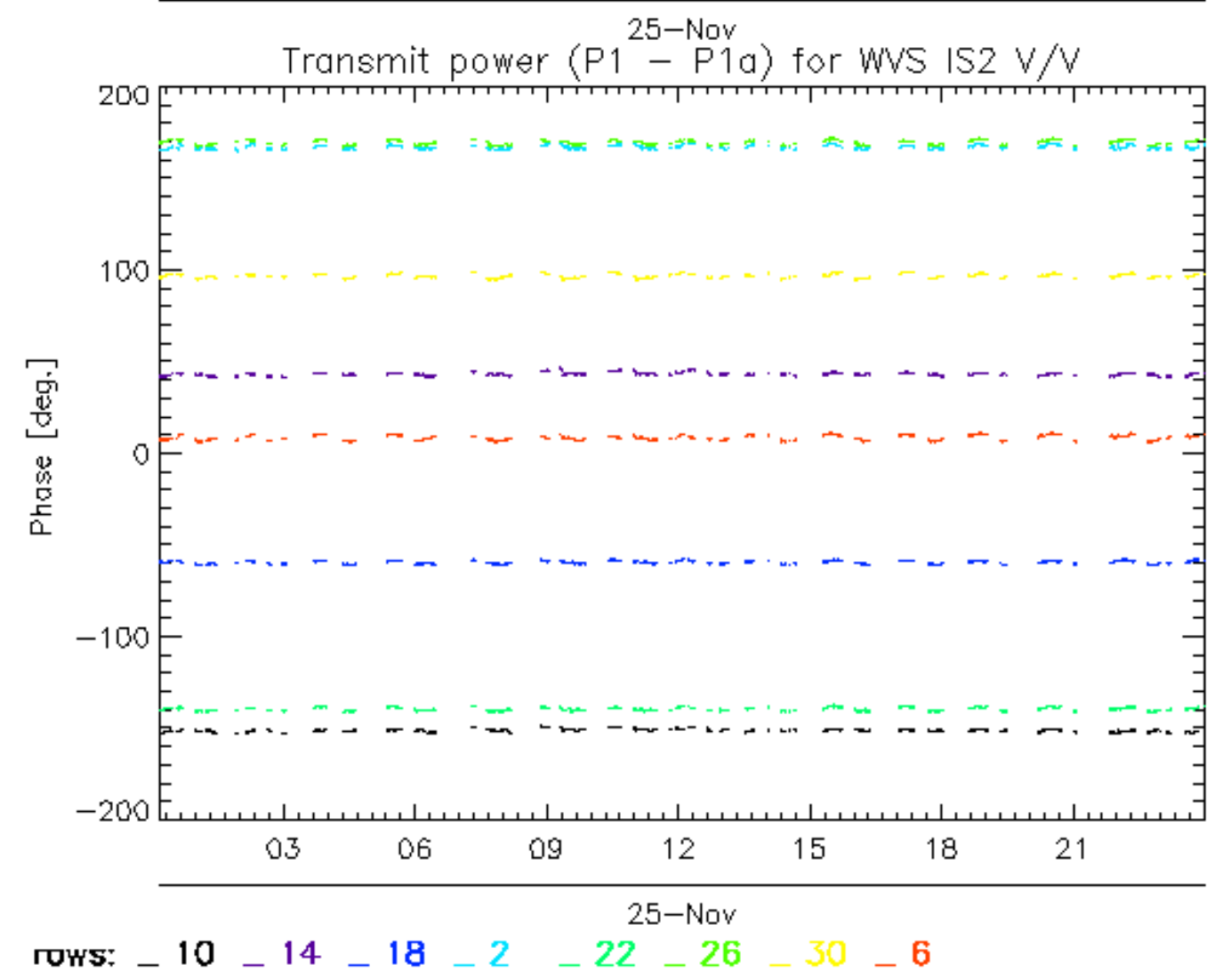
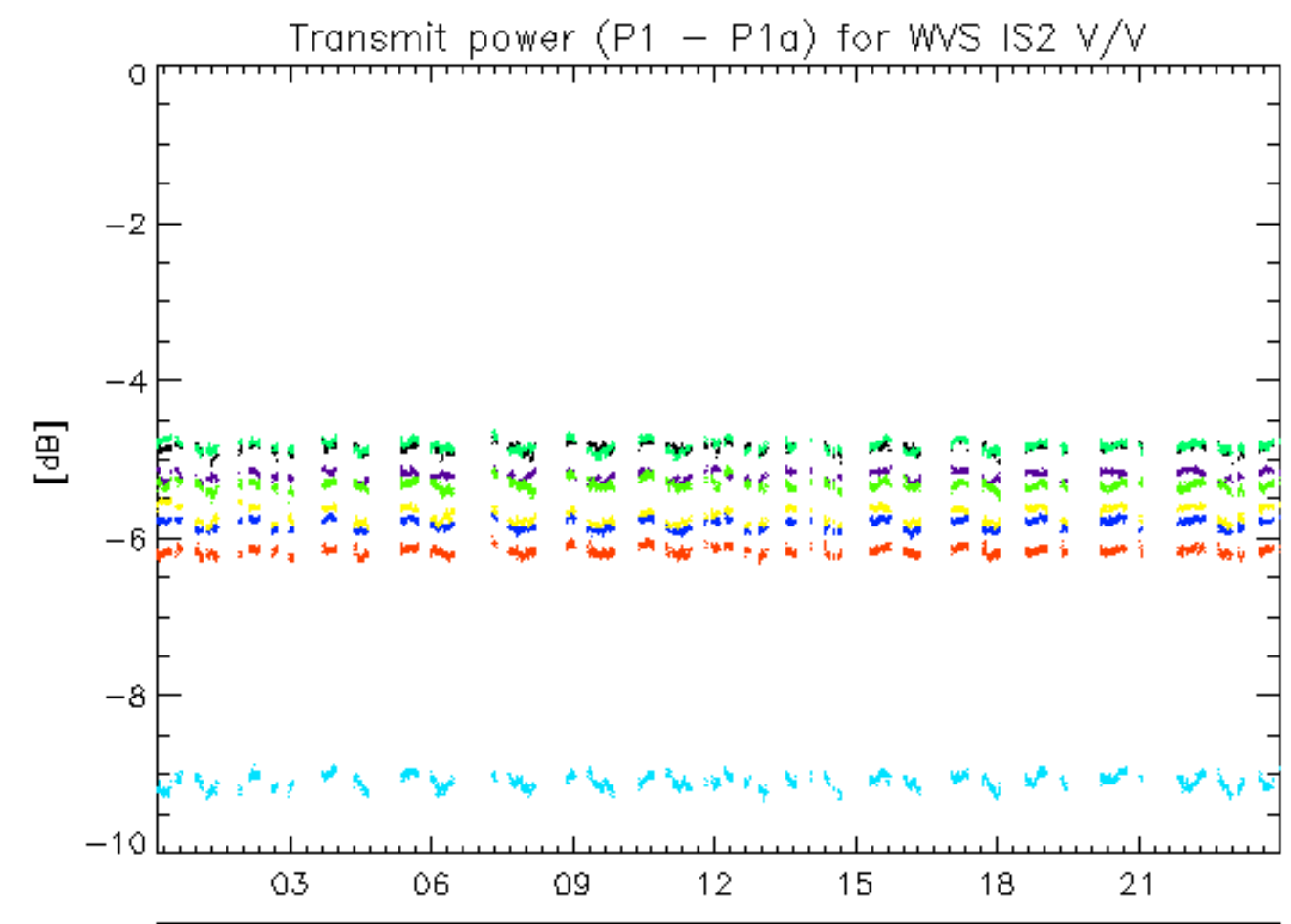




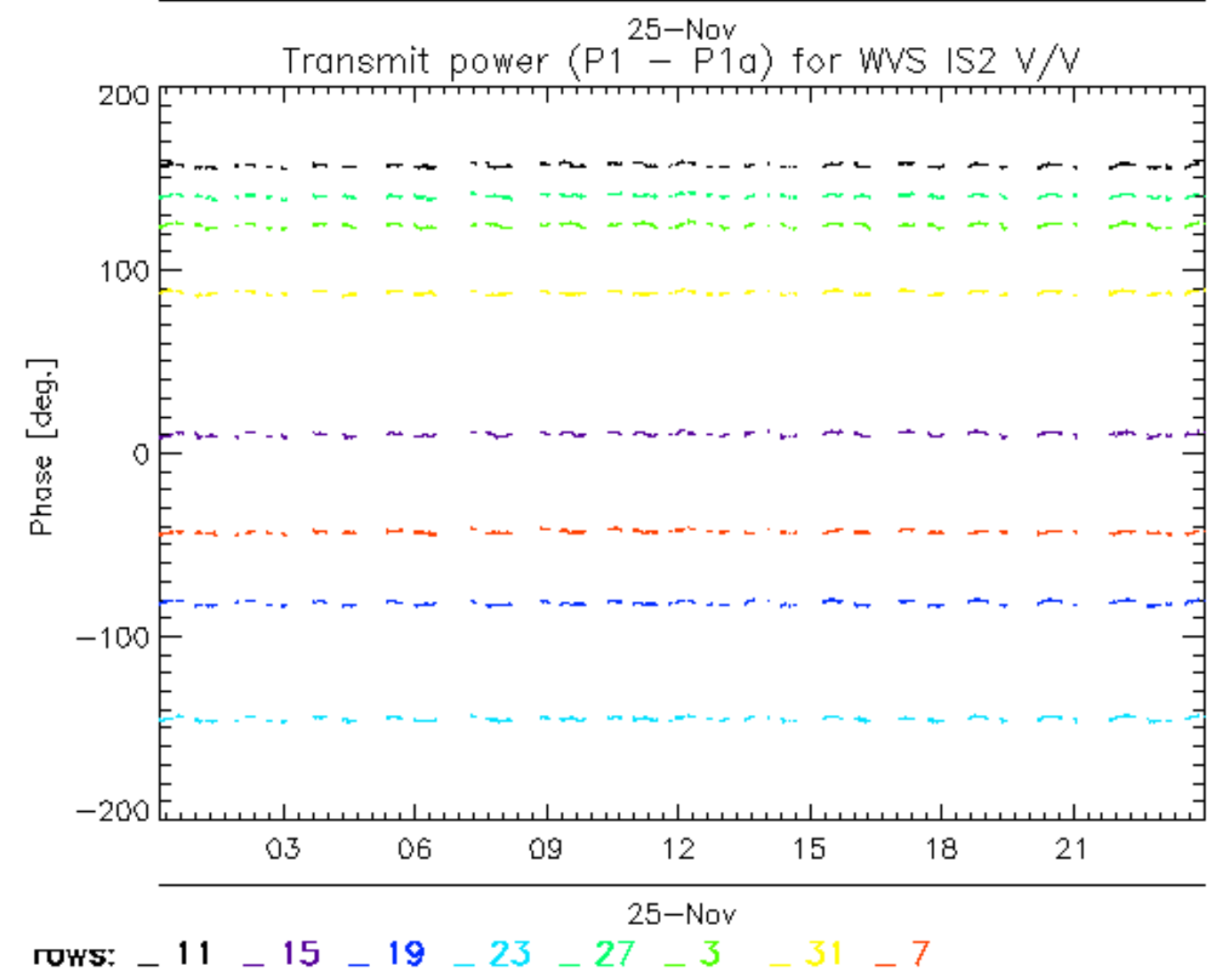
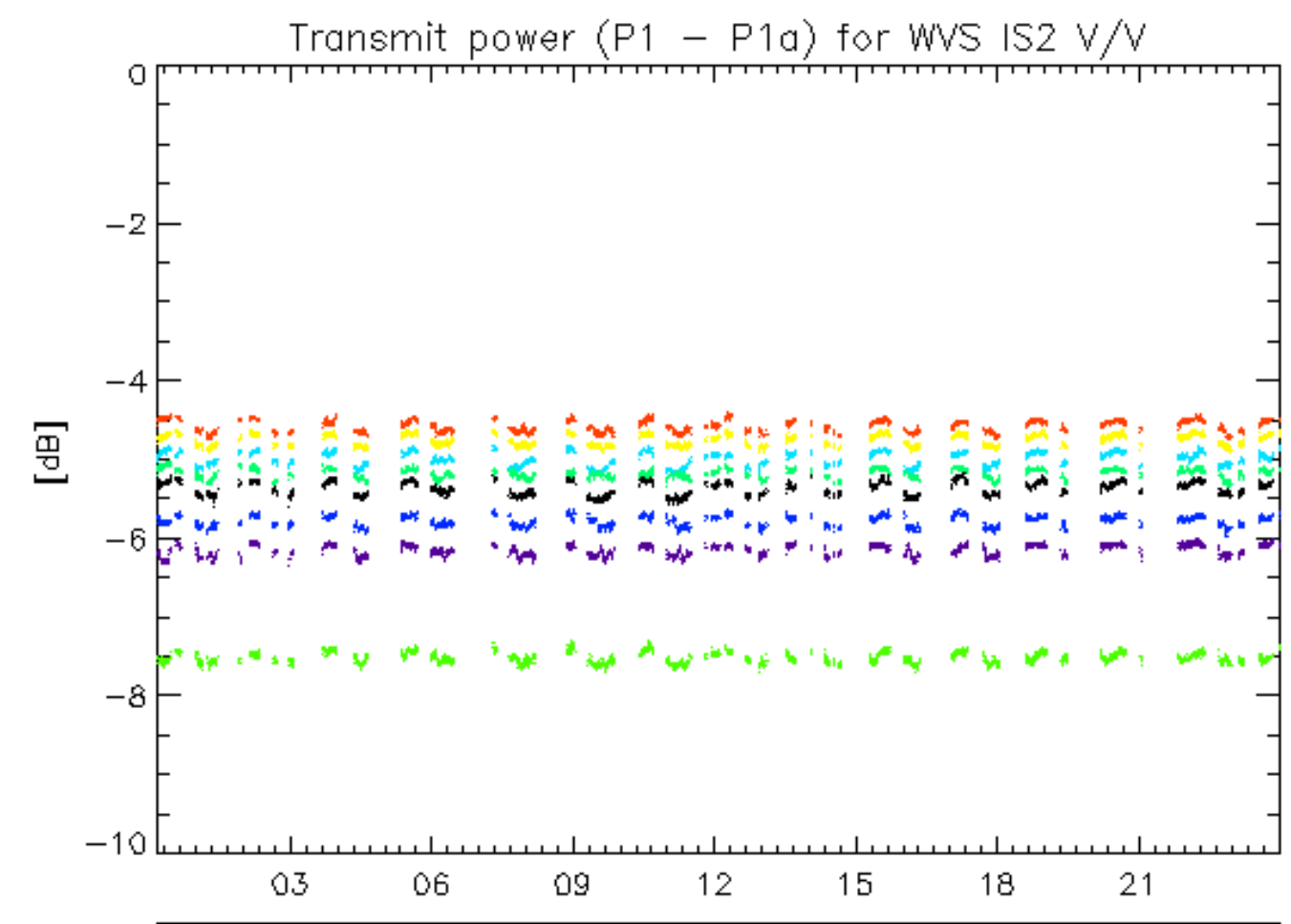
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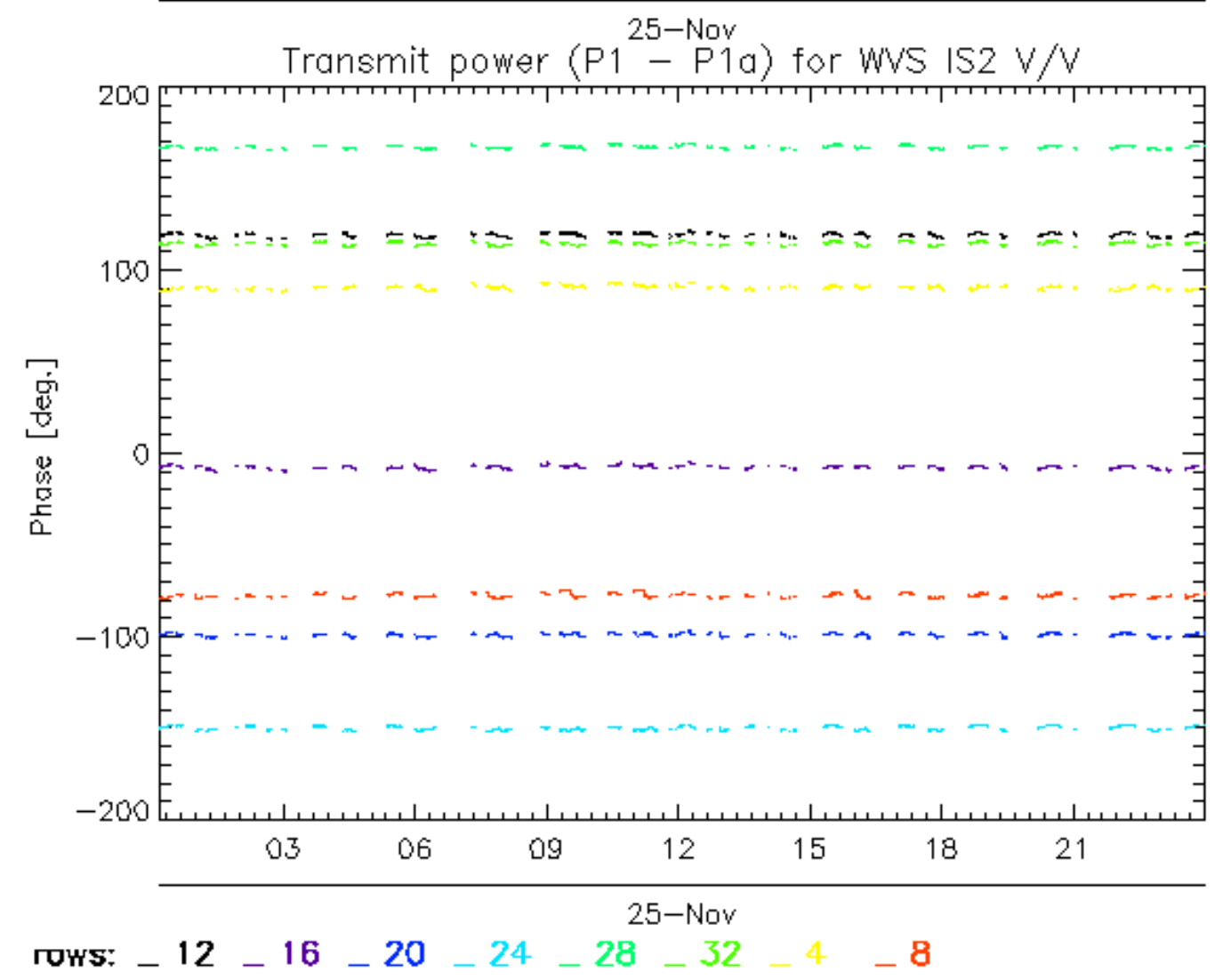
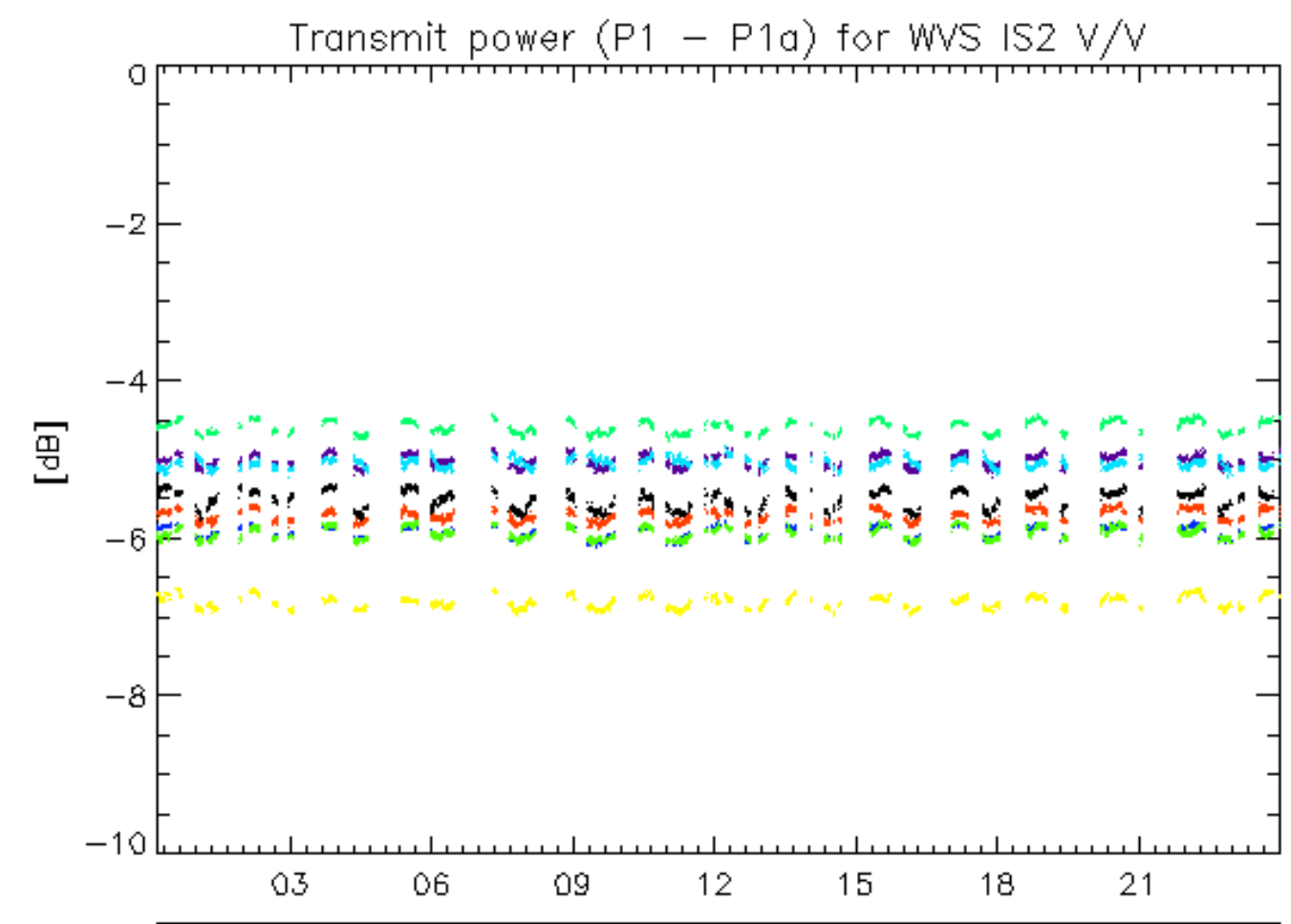


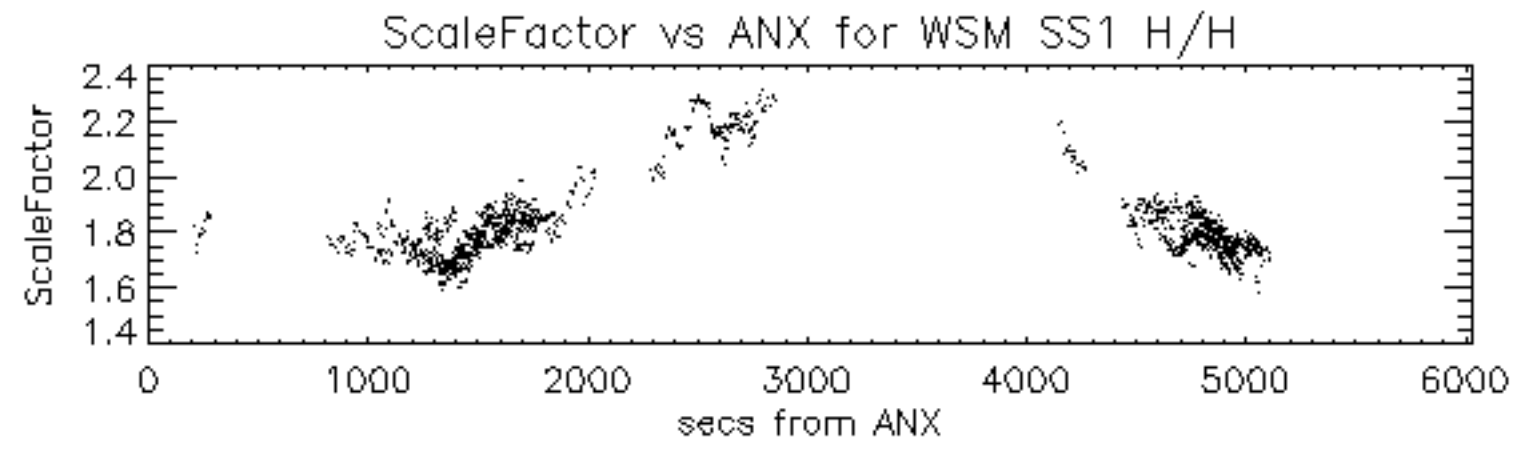


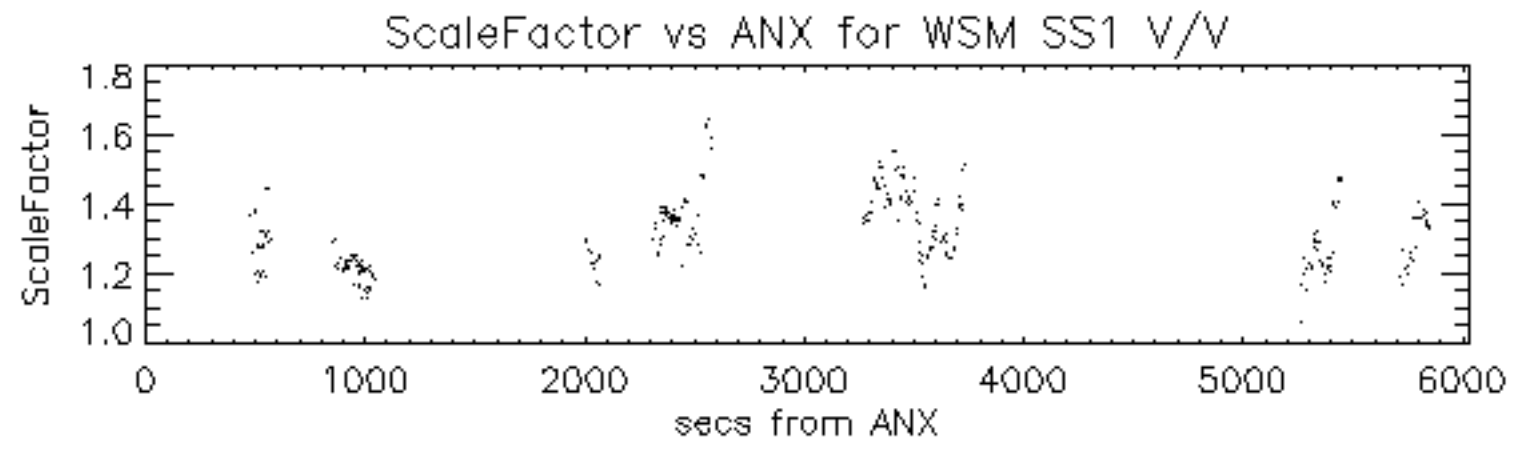




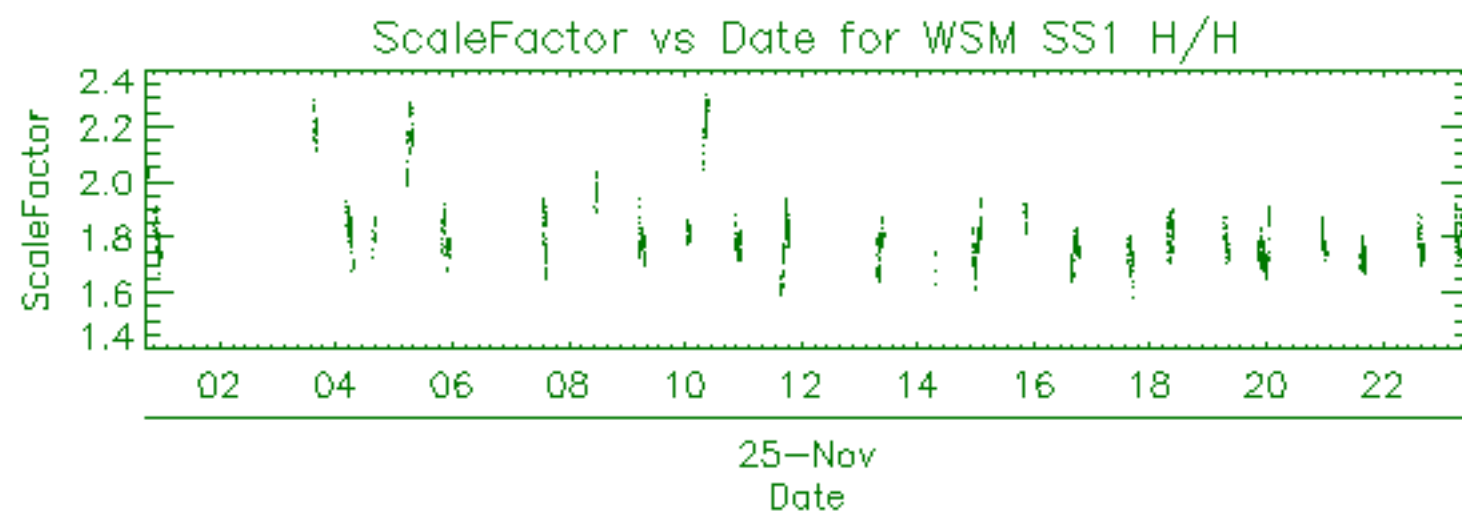


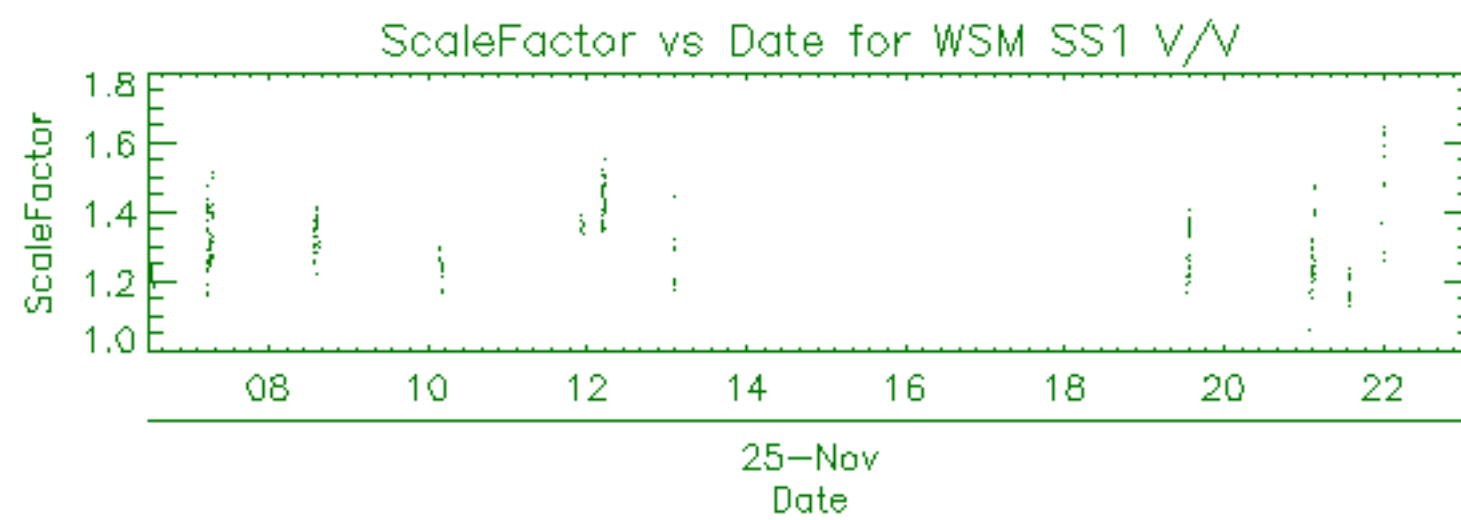












| Filename  | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |    |      |
|---|------|-----|-------------|----------|----------|-------------|-----|-----|-------|----|------|
| ASA_APM_1PNPDE20111125_015738_00000873109_00046_50922_3019.N1 |      |     |             |          |          | IS4         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_APM_1PNPDE20111125_033353_00000573109_00047_50923_3052.N1 |      |     |             |          |          | IS3         | V/H | 109 | 50923 | 47 | 5.04 |
| ASA_APM_1PNPDE20111125_044019_00000423109_00048_50924_3061.N1 |      |     |             |          |          | IS1         | V/H | 109 | 50924 | 48 | 5.04 |
| ASA_APM_1PNPDE20111125_211848_00000453109_00058_50934_3257.N1 |      |     |             |          |          | IS1         | V/H | 109 | 50934 | 58 | 5.04 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |    |      |
|--|------|-----|-------------|----------|----------|-------------|-----|-----|-------|----|------|
| ASA_GM1_1PNPDE20111124_235952_000006223109_00045_50921_2967.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_002532_000001083109_00045_50921_2969.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_002907_000003023109_00045_50921_2971.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_004140_000001143109_00045_50921_2973.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_004608_000003983109_00045_50921_2979.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_010858_000003143109_00045_50921_3002.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_GM1_1PNPDE20111125_013317_000012873109_00046_50922_3008.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_020109_000003803109_00046_50922_3007.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_022152_000009613109_00046_50922_3016.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_024351_000000903109_00046_50922_3015.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_024529_000003983109_00046_50922_3014.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_025333_000002713109_00046_50922_3011.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_GM1_1PNPDE20111125_030420_000001633109_00047_50923_3010.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_GM1_1PNPDE20111125_031536_000008703109_00047_50923_3021.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_GM1_1PNPDE20111125_040205_000005373109_00047_50923_3064.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_GM1_1PNPDE20111125_041909_000000843109_00047_50923_3065.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_GM1_1PNPDE20111125_044125_000005793109_00048_50924_3066.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_GM1_1PNPDE20111125_045306_000012083109_00048_50924_3071.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_GM1_1PNPDE20111125_054220_000004413109_00048_50924_3098.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_GM1_1PNPDE20111125_063312_000013173109_00049_50925_3099.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50925 | 49 | 5.04 |
| ASA_GM1_1PNPDE20111125_065627_000009853109_00049_50925_3101.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50925 | 49 | 5.04 |
| ASA_GM1_1PNPDK20111125_072234_000006283109_00049_50925_7987.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50925 | 49 | 5.04 |
| ASA_GM1_1PNPDK20111125_081147_000007673109_00050_50926_7989.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_GM1_1PNPDK20111125_082324_000002353109_00050_50926_8015.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_GM1_1PNPDK20111125_084114_000006223109_00050_50926_8016.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_GM1_1PNPDK20111125_090248_000005613109_00050_50926_8018.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_GM1_1PNPDK20111125_095306_000005433109_00051_50927_8022.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_GM1_1PNPDK20111125_095306_000005433109_00051_50927_8020.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_GM1_1PNPDK20111125_100547_000001993109_00051_50927_8047.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_GM1_1PNPDK20111125_101719_000001143109_00051_50927_8048.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_GM1_1PNPDK20111125_104301_000005493109_00051_50927_8052.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_GM1_1PNPDK20111125_113016_000000843109_00052_50928_8051.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50928 | 52 | 5.04 |
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| ASA_GM1_1PNPDK20111125_122315_000009613109_00052_50928_8082.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50928 | 52 | 5.04 |
| ASA_GM1_1PNPDK20111125_124653_000005193109_00052_50928_8084.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50928 | 52 | 5.04 |
| ASA_GM1_1PNPDK20111125_130754_000005983109_00053_50929_8087.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_132519_000002293109_00053_50929_8100.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_134633_000005553109_00053_50929_8101.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_135556_000003503109_00053_50929_8103.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_140329_000007313109_00053_50929_8107.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_142649_000002593109_00053_50929_8106.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_143328_000002893109_00053_50929_8109.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_GM1_1PNPDK20111125_144229_000008523109_00054_50930_8110.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_GM1_1PNPDK20111125_150647_000000783109_00054_50930_8130.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
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| ASA_GM1_1PNPDK20111125_151435_000001813109_00054_50930_8136.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_GM1_1PNPDK20111125_154342_000003983109_00054_50930_8137.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_GM1_1PNPDK20111125_155342_000001633109_00054_50930_8139.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_GM1_1PNPDK20111125_162212_000001023109_00055_50931_8138.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
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| ASA_GM1_1PNPDK20111125_165707_000002833109_00055_50931_8161.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_GM1_1PNPDK20111125_172358_000004343109_00055_50931_8162.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_GM1_1PNPDK20111125_173201_000003023109_00055_50931_8164.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_GM1_1PNPDK20111125_180352_000007493109_00056_50932_8165.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_181509_000001693109_00056_50932_8186.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_183042_000001203109_00056_50932_8187.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_183505_000000723109_00056_50932_8188.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_190413_000003503109_00056_50932_8189.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_191051_000003143109_00056_50932_8190.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_192953_000001383109_00056_50932_8192.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDK20111125_193615_000008703109_00056_50932_8194.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_GM1_1PNPDE20111125_200359_000001323109_00057_50933_3241.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_GM1_1PNPDE20111125_200820_000001383109_00057_50933_3243.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_GM1_1PNPDE20111125_204542_000006283109_00057_50933_3247.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_GM1_1PNPDE20111125_210830_000006163109_00057_50933_3258.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_GM1_1PNPDE20111125_211955_000004713109_00058_50934_3259.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_GM1_1PNPDE20111125_212911_000001503109_00058_50934_3262.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50934 | 58 | 5.04 |



|  |     |     |     |       |    |      |
|--|-----|-----|-----|-------|----|------|
| ASA_GM1_1PNPDE20111125_213526_00000723109_00058_50934_3261.N1  | SS1 | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_GM1_1PNPDE20111125_214322_000002353109_00058_50934_3265.N1 | SS1 | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_GM1_1PNPDE20111125_214808_000001503109_00058_50934_3266.N1 | SS1 | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_GM1_1PNPDE20111125_222556_000006283109_00058_50934_3269.N1 | SS1 | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_GM1_1PNPDE20111125_225845_000003863109_00059_50935_3288.N1 | SS1 | H/H | 109 | 50935 | 59 | 5.04 |
| ASA_GM1_1PNPDE20111125_231844_000000843109_00059_50935_3287.N1 | SS1 | H/H | 109 | 50935 | 59 | 5.04 |
| ASA_GM1_1PNPDE20111125_232923_000001993109_00059_50935_3295.N1 | SS1 | H/H | 109 | 50935 | 59 | 5.04 |
| ASA_GM1_1PNPDE20111125_234833_000001443109_00059_50935_3294.N1 | SS1 | H/H | 109 | 50935 | 59 | 5.04 |
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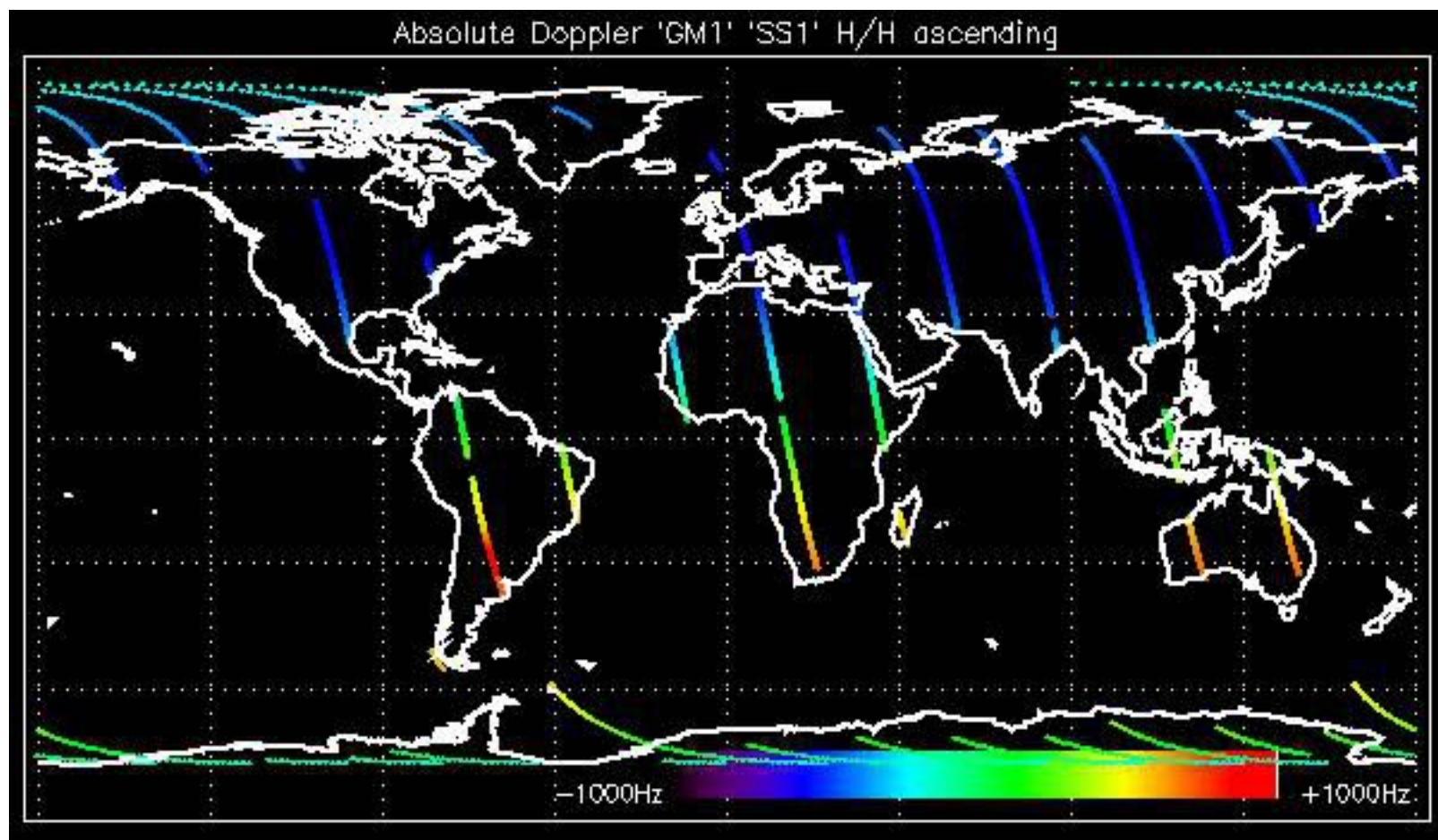
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| ASA_IMM_1PNPDE20111125_015927_000000943109_00046_50922_3017.N1 |      |     |             |          |          | IS2         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_IMM_1PNPDE20111125_025206_000000793109_00046_50922_3020.N1 |      |     |             |          |          | IS4         | H/H | 109 | 50922 | 46 | 5.04 |
| ASA_IMM_1PNPDE20111125_030703_000000353109_00047_50923_3030.N1 |      |     |             |          |          | IS7         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_IMM_1PNPDE20111125_033007_000002113109_00047_50923_2998.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_IMM_1PNPDE20111125_033454_000000843109_00047_50923_3000.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_IMM_1PNPDE20111125_065509_000000673109_00049_50925_3096.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50925 | 49 | 5.04 |
| ASA_IMM_1PNPDK20111125_082954_000002123109_00050_50926_7999.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_IMM_1PNPDE20111125_083808_000001763109_00050_50926_3130.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_IMM_1PNPDK20111125_101201_000000753109_00051_50927_8031.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_IMM_1PNPDE20111125_110447_000000373109_00051_50927_3165.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_IMM_1PNPDK20111125_124606_000000383109_00052_50928_8094.N1 |      |     |             |          |          | IS4         | H/H | 109 | 50928 | 52 | 5.04 |
| ASA_IMM_1PNPDE20111125_162359_000000373109_00055_50931_3221.N1 |      |     |             |          |          | IS6         | V/V | 109 | 50931 | 55 | 5.04 |
| ASA_IMM_1PNPDE20111125_165427_000001513109_00055_50931_3226.N1 |      |     |             |          |          | IS6         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_IMM_1PNPDE20111125_173114_000000363109_00055_50931_3227.N1 |      |     |             |          |          | IS3         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_IMM_1PNPDE20111125_191003_000000373109_00056_50932_3233.N1 |      |     |             |          |          | IS1         | V/V | 109 | 50932 | 56 | 5.04 |
| ASA_IMM_1PNPDE20111125_202159_000000253109_00057_50933_3256.N1 |      |     |             |          |          | IS4         | V/V | 109 | 50933 | 57 | 5.04 |
| ASA_IMM_1PNPDK20111125_213142_000000373109_00058_50934_8211.N1 |      |     |             |          |          | IS5         | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_IMM_1PNPDE20111125_214715_000000453109_00058_50934_3277.N1 |      |     |             |          |          | IS1         | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_IMM_1PNPDE20111125_235823_000000363109_00059_50935_3305.N1 |      |     |             |          |          | IS1         | H/H | 109 | 50935 | 59 | 5.04 |

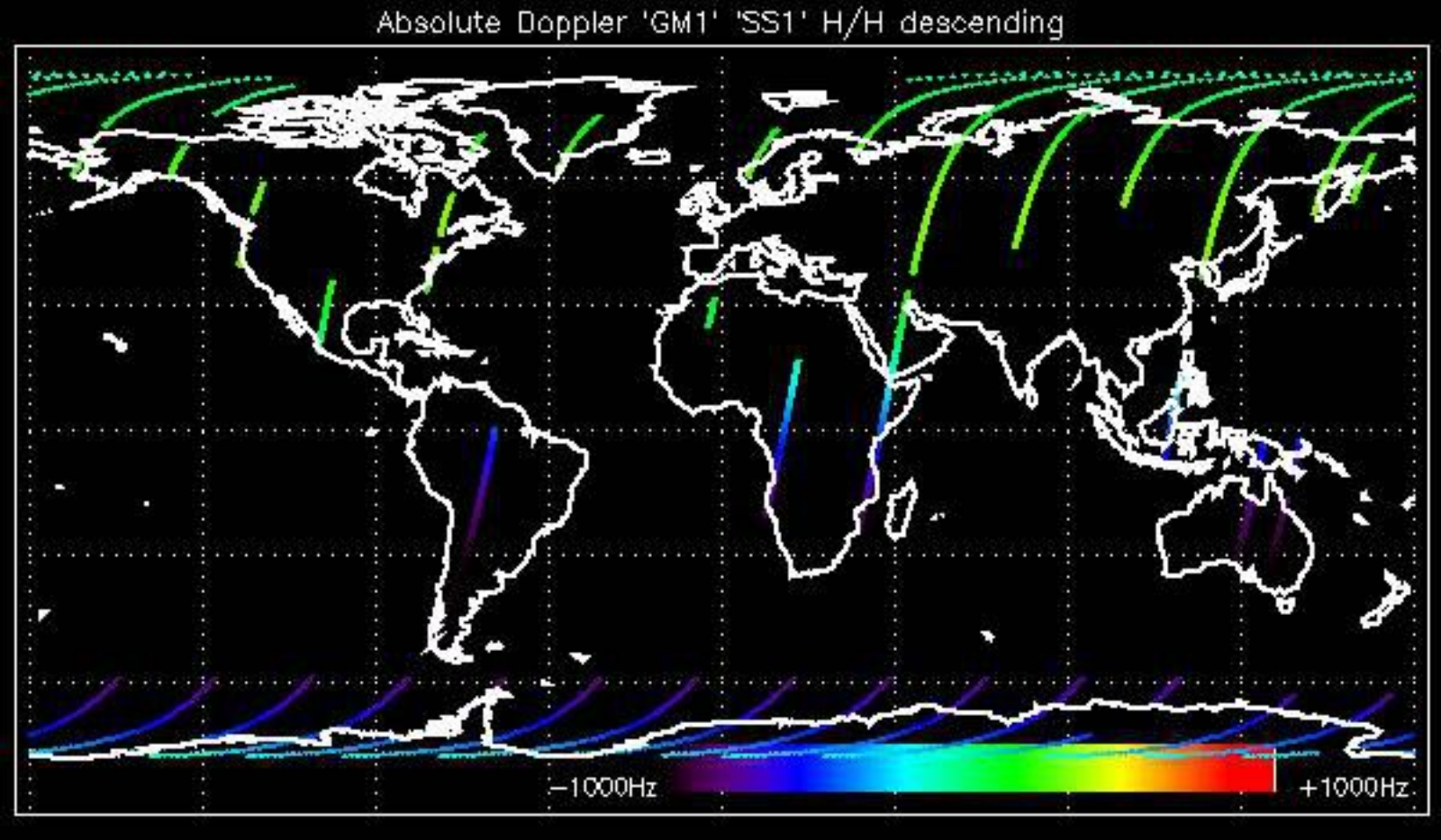
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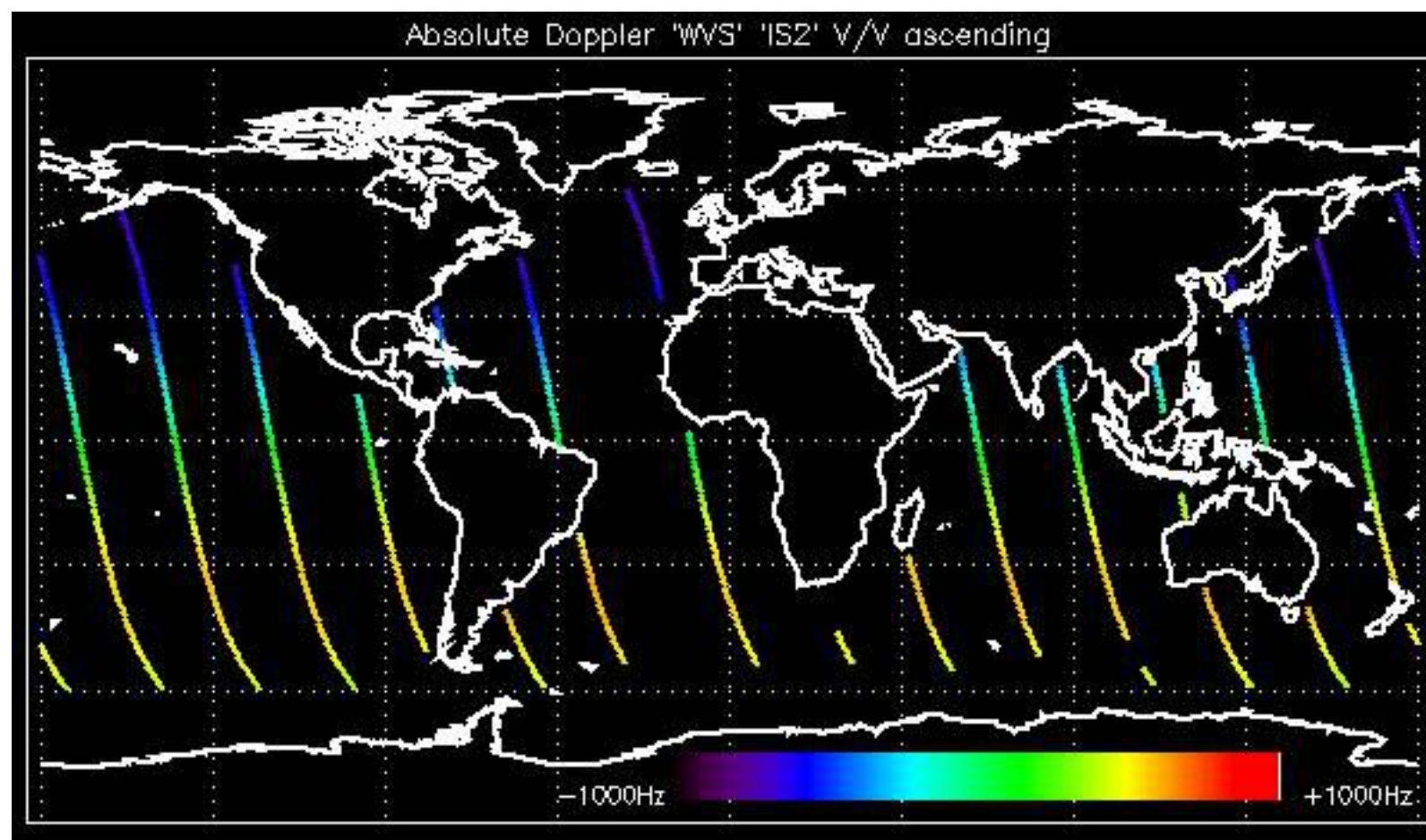
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| ASA_WSM_1PNPDE20111125_004339_000001353109_00045_50921_2961.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_WSM_1PNPDE20111125_005253_000003923109_00045_50921_2963.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50921 | 45 | 5.04 |
| ASA_WSM_1PNPDE20111125_033645_000002813109_00047_50923_3009.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_WSM_1PNPDE20111125_041108_000003923109_00047_50923_3060.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50923 | 47 | 5.04 |
| ASA_WSM_1PNPDE20111125_043839_000000923109_00048_50924_3059.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_WSM_1PNPDE20111125_051316_000004163109_00048_50924_3062.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_WSM_1PNPDE20111125_054944_000002143109_00048_50924_3093.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_WSM_1PNPDE20111125_055346_000002143109_00048_50924_3094.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50924 | 48 | 5.04 |
| ASA_WSM_1PNPDE20111125_062931_000002143109_00049_50925_3095.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50925 | 49 | 5.04 |
| ASA_WSM_1PNPDE20111125_071308_000002883109_00049_50925_3108.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50925 | 49 | 5.04 |
| ASA_WSM_1PNPDK20111125_073322_000002693109_00049_50925_7997.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50925 | 49 | 5.04 |
| ASA_WSM_1PNPDK20111125_082723_000001533109_00050_50926_7998.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_WSM_1PNPDE20111125_083412_000001903109_00050_50926_3129.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50926 | 50 | 5.04 |
| ASA_WSM_1PNPDK20111125_091213_000003923109_00050_50926_8029.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50926 | 50 | 5.04 |
| ASA_WSM_1PNPDE20111125_100211_000002143109_00051_50927_3150.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_WSM_1PNPDK20111125_100911_000000923109_00051_50927_8030.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50927 | 51 | 5.04 |
| ASA_WSM_1PNPDE20111125_100911_000000923109_00051_50927_3151.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50927 | 51 | 5.04 |
| ASA_WSM_1PNPDE20111125_101922_000002513109_00051_50927_3153.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_WSM_1PNPDE20111125_105215_000003923109_00051_50927_3164.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50927 | 51 | 5.04 |
| ASA_WSM_1PNPDE20111125_113815_000002513109_00052_50928_3162.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50928 | 52 | 5.04 |
| ASA_WSM_1PNPDK20111125_114201_000003613109_00052_50928_8061.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50928 | 52 | 5.04 |
| ASA_WSM_1PNPDE20111125_115511_000000923109_00052_50928_3163.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50928 | 52 | 5.04 |
| ASA_WSM_1PNPDE20111125_121032_000002143109_00052_50928_3166.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50928 | 52 | 5.04 |
| ASA_WSM_1PNPDK20111125_130442_000000923109_00053_50929_8096.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WSM_1PNPDK20111125_131756_000004343109_00053_50929_8095.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_WSM_1PNPDE20111125_141853_000000363109_00053_50929_3219.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50929 | 53 | 5.04 |
| ASA_WSM_1PNPDK20111125_145643_000006003109_00054_50930_8124.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_WSM_1PNPDE20111125_155026_000001903109_00054_50930_3222.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50930 | 54 | 5.04 |
| ASA_WSM_1PNPDK20111125_163737_000004043109_00055_50931_8150.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_WSM_1PNPDE20111125_164344_000001653109_00055_50931_3225.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_WSM_1PNPDE20111125_173703_000002143109_00055_50931_3223.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_WSM_1PNPDE20111125_174045_000000923109_00055_50931_3224.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50931 | 55 | 5.04 |
| ASA_WSM_1PNPDK20111125_181801_000001533109_00056_50932_8172.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_WSM_1PNPDE20111125_181958_000002813109_00056_50932_3231.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_WSM_1PNPDE20111125_191611_000003123109_00056_50932_3234.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50932 | 56 | 5.04 |
| ASA_WSM_1PNPDE20111125_193216_000001533109_00056_50932_3235.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50932 | 56 | 5.04 |
| ASA_WSM_1PNPDK20111125_195051_000003123109_00057_50933_8202.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDK20111125_195630_000002203109_00057_50933_8203.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDE20111125_195934_000002513109_00057_50933_3255.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3252.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDE20111125_205615_000003553109_00057_50933_3253.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDE20111125_210454_000002143109_00057_50933_3254.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50933 | 57 | 5.04 |
| ASA_WSM_1PNPDK20111125_213322_000000923109_00058_50934_8212.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WSM_1PNPDE20111125_213645_000003923109_00058_50934_3273.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_WSM_1PNPDE20111125_215923_000000923109_00058_50934_3276.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WSM_1PNPDE20111125_223648_000003303109_00058_50934_3260.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50934 | 58 | 5.04 |
| ASA_WSM_1PNPDE20111125_230538_000000923109_00059_50935_3279.N1 |      |     |             |          |          | SS1         | V/V | 109 | 50935 | 59 | 5.04 |
| ASA_WSM_1PNPDK20111125_231508_000002083109_00059_50935_8223.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50935 | 59 | 5.04 |
| ASA_WSM_1PNPDE20111125_232017_000005443109_00059_50935_3304.N1 |      |     |             |          |          | SS1         | H/H | 109 | 50935 | 59 | 5.04 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |    |      |
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| ASA_WVS_1PNPDE20111125_002725_000000593109_00045_50921_2968.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50921 | 45 | 5.04 |
| ASA_WVS_1PNPDE20111125_003412_000004053109_00045_50921_2972.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50921 | 45 | 5.04 |
| ASA_WVS_1PNPDE20111125_005925_000002103109_00045_50921_2978.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50921 | 45 | 5.04 |
| ASA_WVS_1PNPDE20111125_010210_000003593109_00045_50921_3001.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50921 | 45 | 5.04 |
| ASA_WVS_1PNPDE20111125_011414_000007493109_00045_50921_3003.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50921 | 45 | 5.04 |
| ASA_WVS_1PNPDE20111125_015446_000001343109_00046_50922_3006.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50922 | 46 | 5.04 |
| ASA_WVS_1PNPDE20111125_020734_000008103109_00046_50922_3013.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50922 | 46 | 5.04 |
| ASA_WVS_1PNPDE20111125_023754_000003153109_00046_50922_3012.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50922 | 46 | 5.04 |
| ASA_WVS_1PNPDE20111125_025806_000003293109_00047_50923_3018.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_WVS_1PNPDE20111125_034127_000006743109_00047_50923_3022.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_WVS_1PNPDE20111125_035212_000003303109_00047_50923_3063.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_WVS_1PNPDE20111125_034127_000006743109_00047_50923_3022.N1 |      |     |             |          |          | IS1         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_WVS_1PNPDE20111125_042043_000010343109_00047_50923_3067.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50923 | 47 | 5.04 |
| ASA_WVS_1PNPDE20111125_052013_000010193109_00048_50924_3070.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50924 | 48 | 5.04 |
| ASA_WVS_1PNPDE20111125_053642_000003003109_00048_50924_3097.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50924 | 48 | 5.04 |
| ASA_WVS_1PNPDE20111125_052013_000010193109_00048_50924_3070.N1 |      |     |             |          |          | IS1         | V/V | 109 | 50924 | 48 | 5.04 |
| ASA_WVS_1PNPDE20111125_055813_000017243109_00048_50924_3102.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50924 | 48 | 5.04 |
| ASA_WVS_1PNPDK20111125_071755_000002403109_00049_50925_7986.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50925 | 49 | 5.04 |
| ASA_WVS_1PNPDK20111125_073827_000019493109_00049_50925_7988.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50925 | 49 | 5.04 |
| ASA_WVS_1PNPDK20111125_085140_000006303109_00050_50926_8017.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50926 | 50 | 5.04 |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8021.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50926 | 50 | 5.04 |
| ASA_WVS_1PNPDK20111125_091846_000020093109_00050_50926_8019.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50926 | 50 | 5.04 |
| ASA_WVS_1PNPDK20111125_102451_000010493109_00051_50927_8049.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50927 | 51 | 5.04 |
| ASA_WVS_1PNPDK20111125_105855_000002703109_00051_50927_8050.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50927 | 51 | 5.04 |
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| ASA_WVS_1PNPDK20111125_114833_000000603109_00052_50928_8076.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50928 | 52 | 5.04 |
| ASA_WVS_1PNPDK20111125_115644_000005993109_00052_50928_8080.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50928 | 52 | 5.04 |
| ASA_WVS_1PNPDK20111125_121405_000005103109_00052_50928_8081.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50928 | 52 | 5.04 |
| ASA_WVS_1PNPDK20111125_123918_000003303109_00052_50928_8083.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50928 | 52 | 5.04 |
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| ASA_WVS_1PNPDK20111125_130613_000000593109_00053_50929_8086.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WVS_1PNPDK20111125_133113_000007493109_00053_50929_8102.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WVS_1PNPDK20111125_140150_000000603109_00053_50929_8104.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WVS_1PNPDK20111125_141931_000004053109_00053_50929_8105.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WVS_1PNPDK20111125_143112_000000893109_00053_50929_8108.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50929 | 53 | 5.04 |
| ASA_WVS_1PNPDK20111125_143819_000002093109_00054_50930_8113.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50930 | 54 | 5.04 |
| ASA_WVS_1PNPDK20111125_143819_000002093109_00054_50930_8111.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50930 | 54 | 5.04 |
| ASA_WVS_1PNPDK20111125_151736_000015293109_00054_50930_8141.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50930 | 54 | 5.04 |
| ASA_WVS_1PNPDK20111125_155959_000000603109_00054_50930_8140.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50930 | 54 | 5.04 |
| ASA_WVS_1PNPDK20111125_160315_000010943109_00054_50930_8143.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50930 | 54 | 5.04 |
| ASA_WVS_1PNPDK20111125_170156_000012743109_00055_50931_8163.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50931 | 55 | 5.04 |
| ASA_WVS_1PNPDK20111125_174216_000012443109_00055_50931_8166.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50931 | 55 | 5.04 |
| ASA_WVS_1PNPDK20111125_183626_000016193109_00056_50932_8191.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50932 | 56 | 5.04 |
| ASA_WVS_1PNPDK20111125_192128_000004653109_00056_50932_8193.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50932 | 56 | 5.04 |
| ASA_WVS_1PNPDE20111125_201046_000006143109_00057_50933_3242.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50933 | 57 | 5.04 |
| ASA_WVS_1PNPDE20111125_202232_000012743109_00057_50933_3246.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50933 | 57 | 5.04 |
| ASA_WVS_1PNPDE20111125_210210_000001203109_00057_50933_3264.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50933 | 57 | 5.04 |
| ASA_WVS_1PNPDE20111125_215045_000004803109_00058_50934_3263.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WVS_1PNPDE20111125_220053_000013793109_00058_50934_3267.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WVS_1PNPDE20111125_224220_000002253109_00058_50934_3268.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WVS_1PNPDE20111125_224520_000007643109_00058_50934_3286.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50934 | 58 | 5.04 |
| ASA_WVS_1PNPDE20111125_230708_000004353109_00059_50935_3289.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50935 | 59 | 5.04 |
| ASA_WVS_1PNPDE20111125_233243_000009143109_00059_50935_3293.N1 |      |     |             |          |          | IS2         | V/V | 109 | 50935 | 59 | 5.04 |
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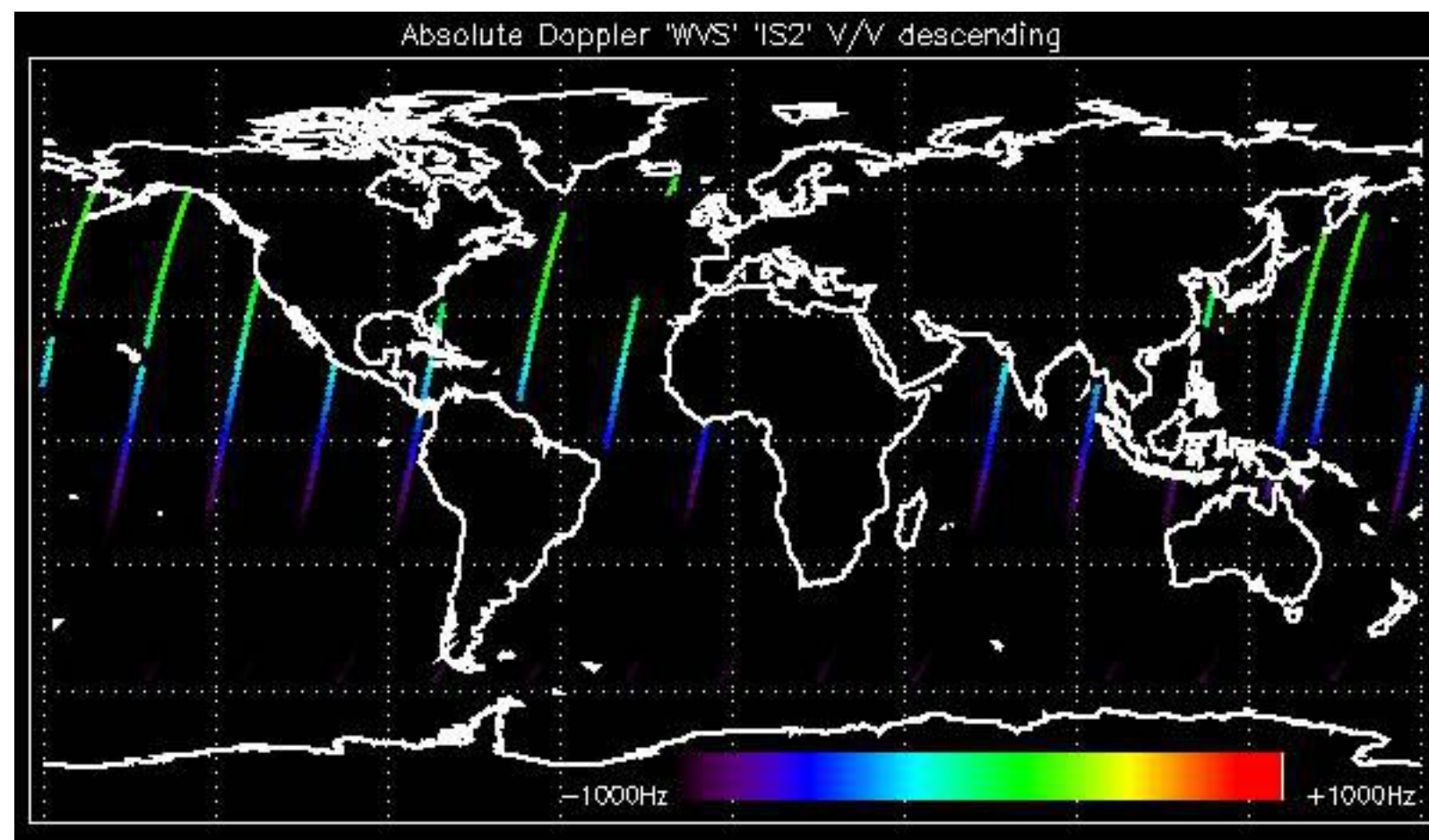


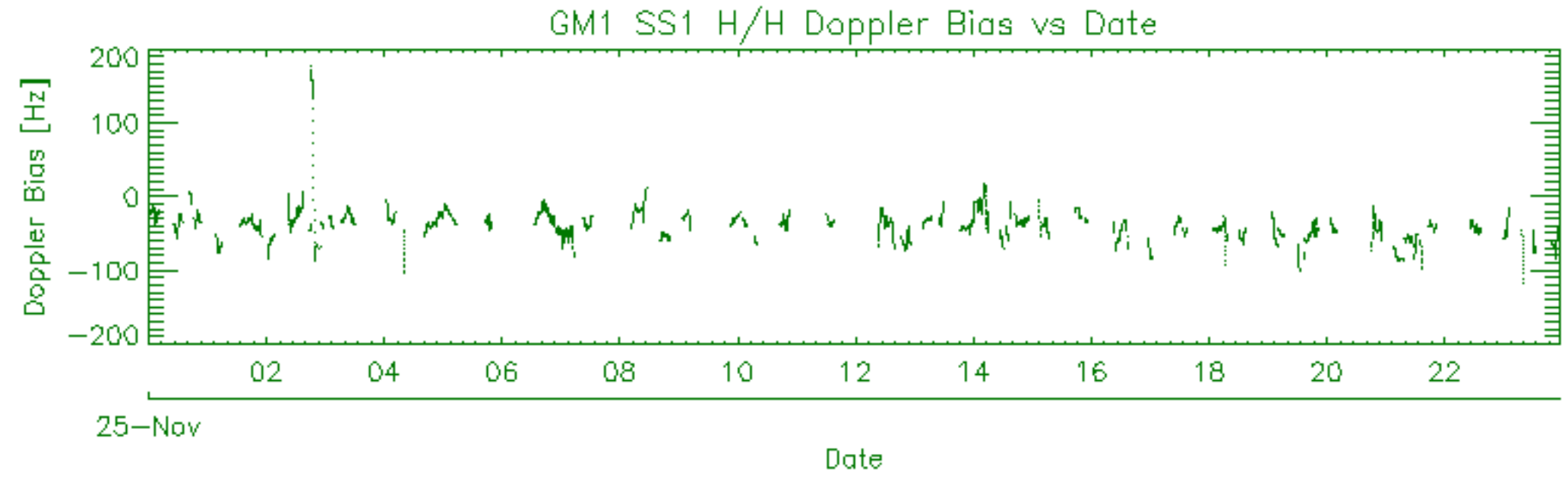
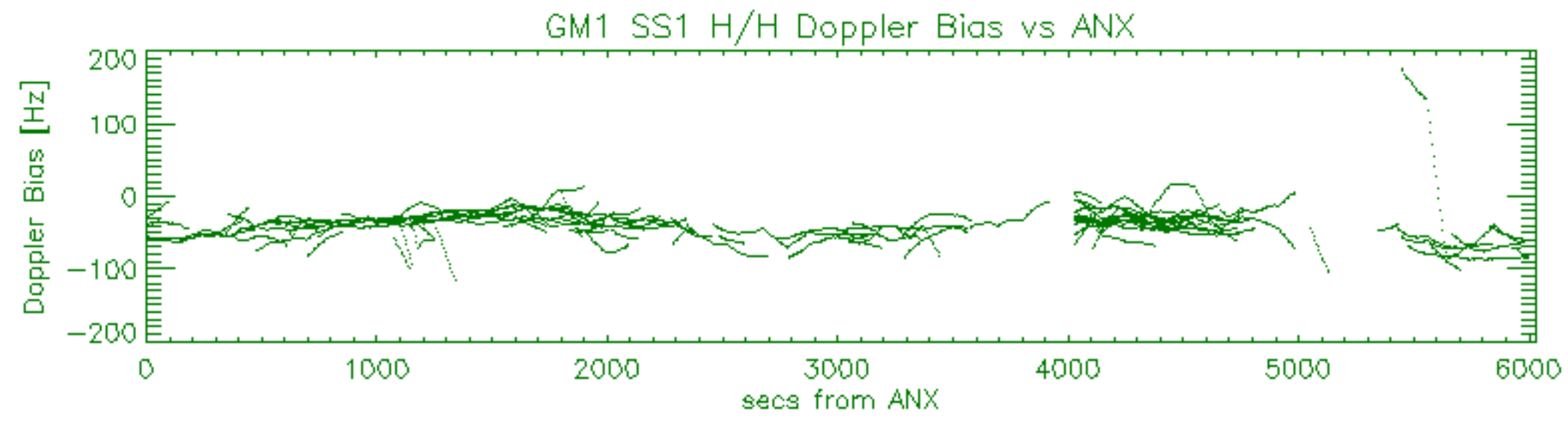
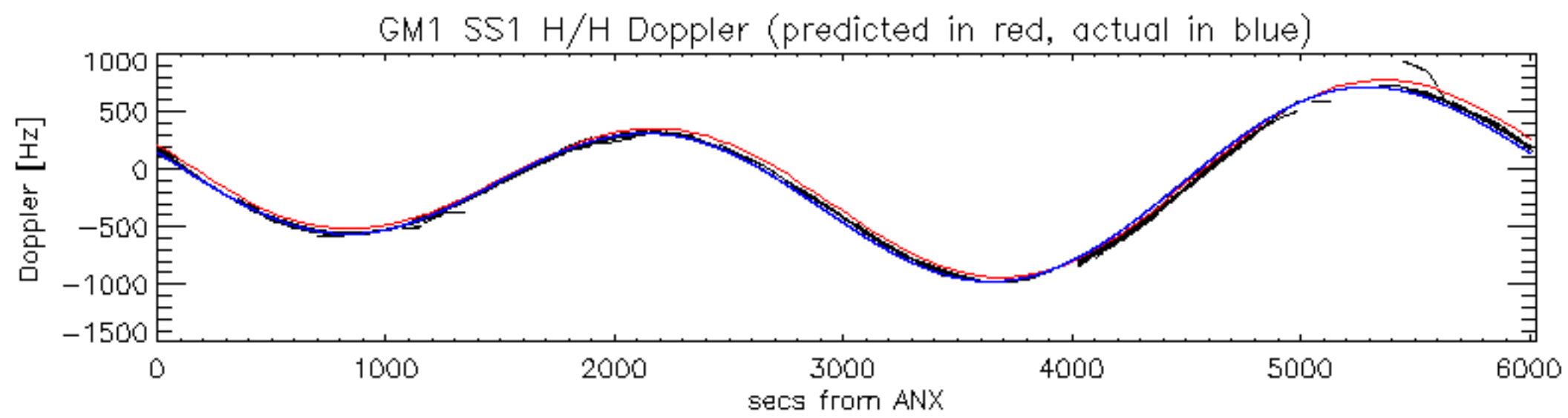




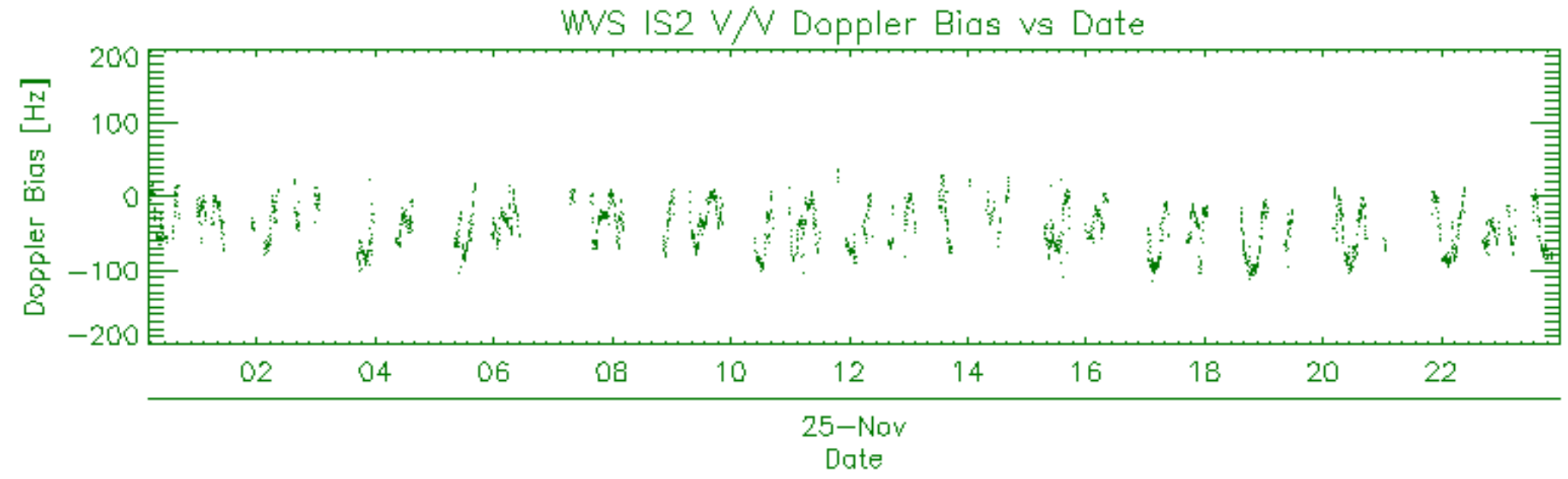
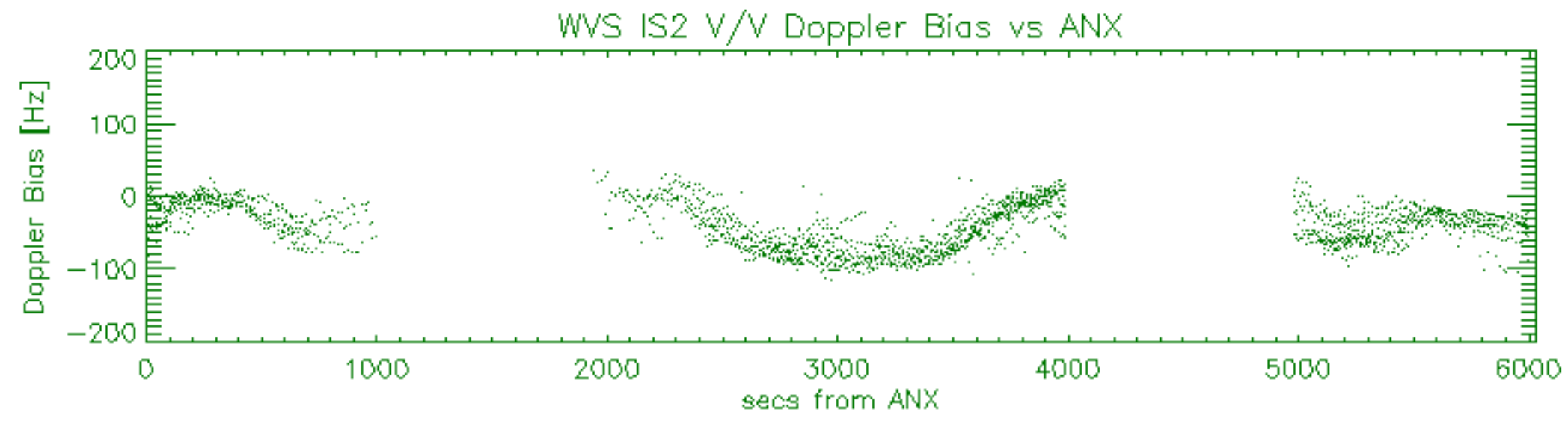
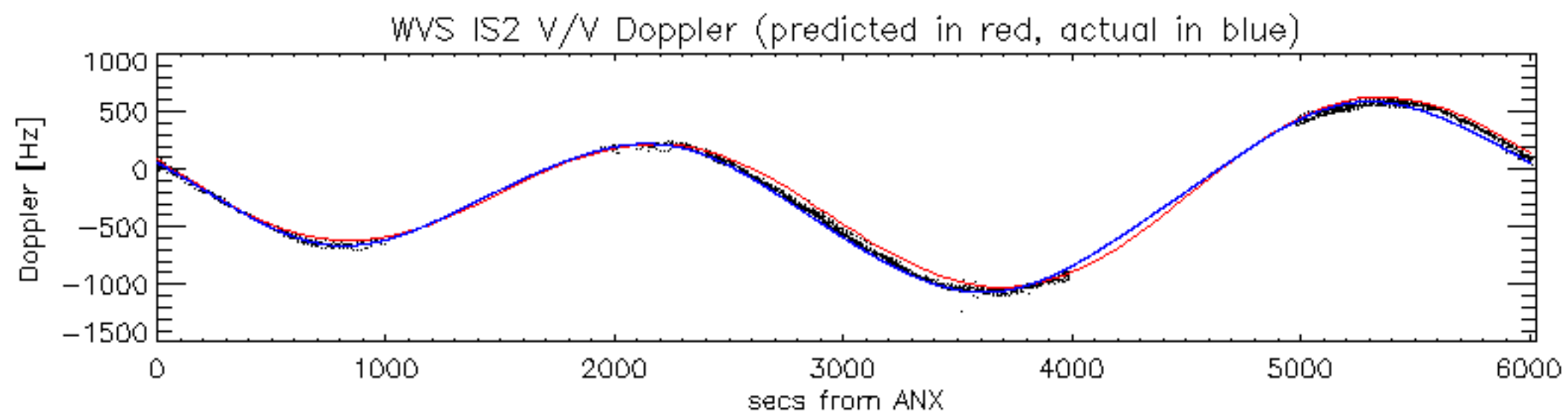


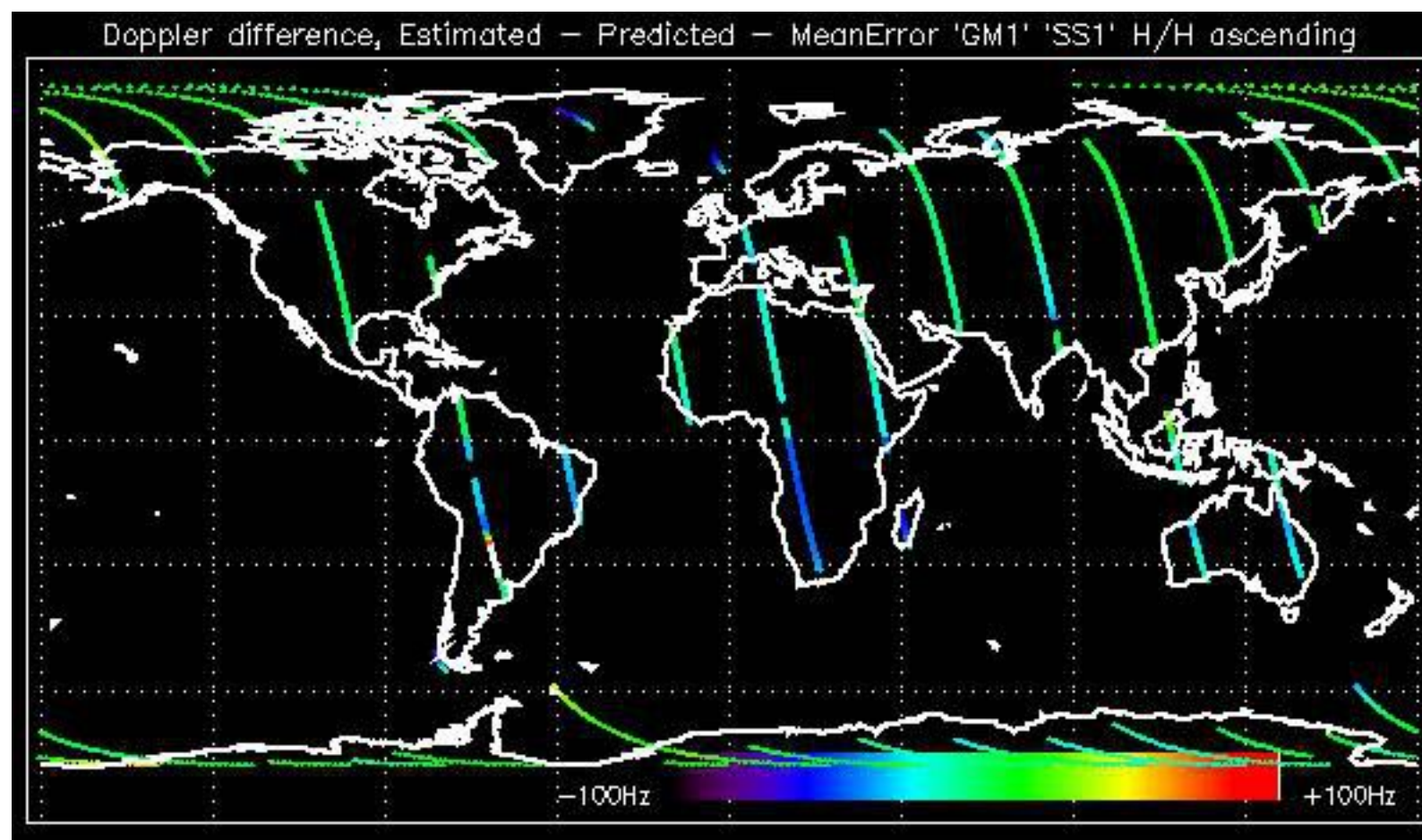


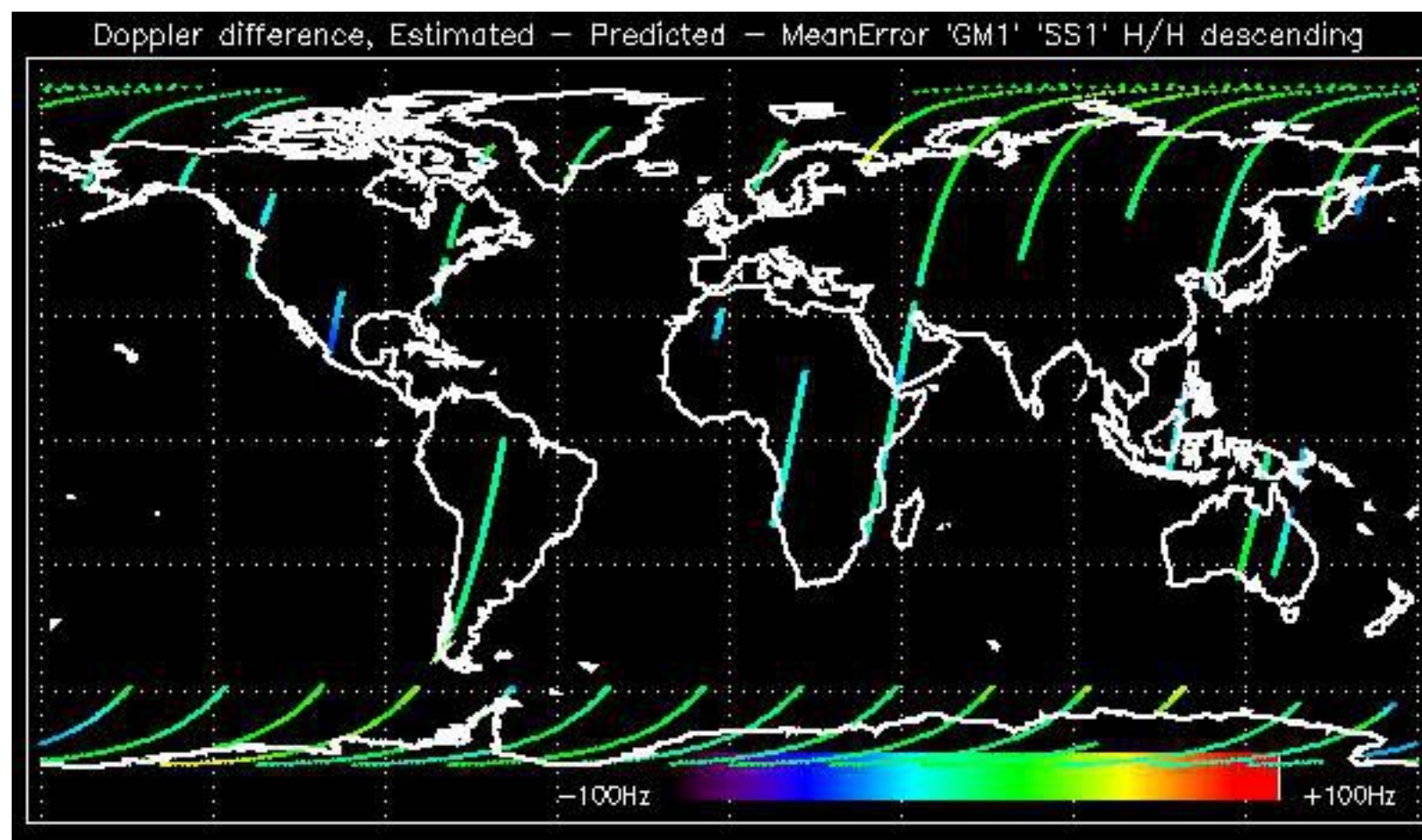




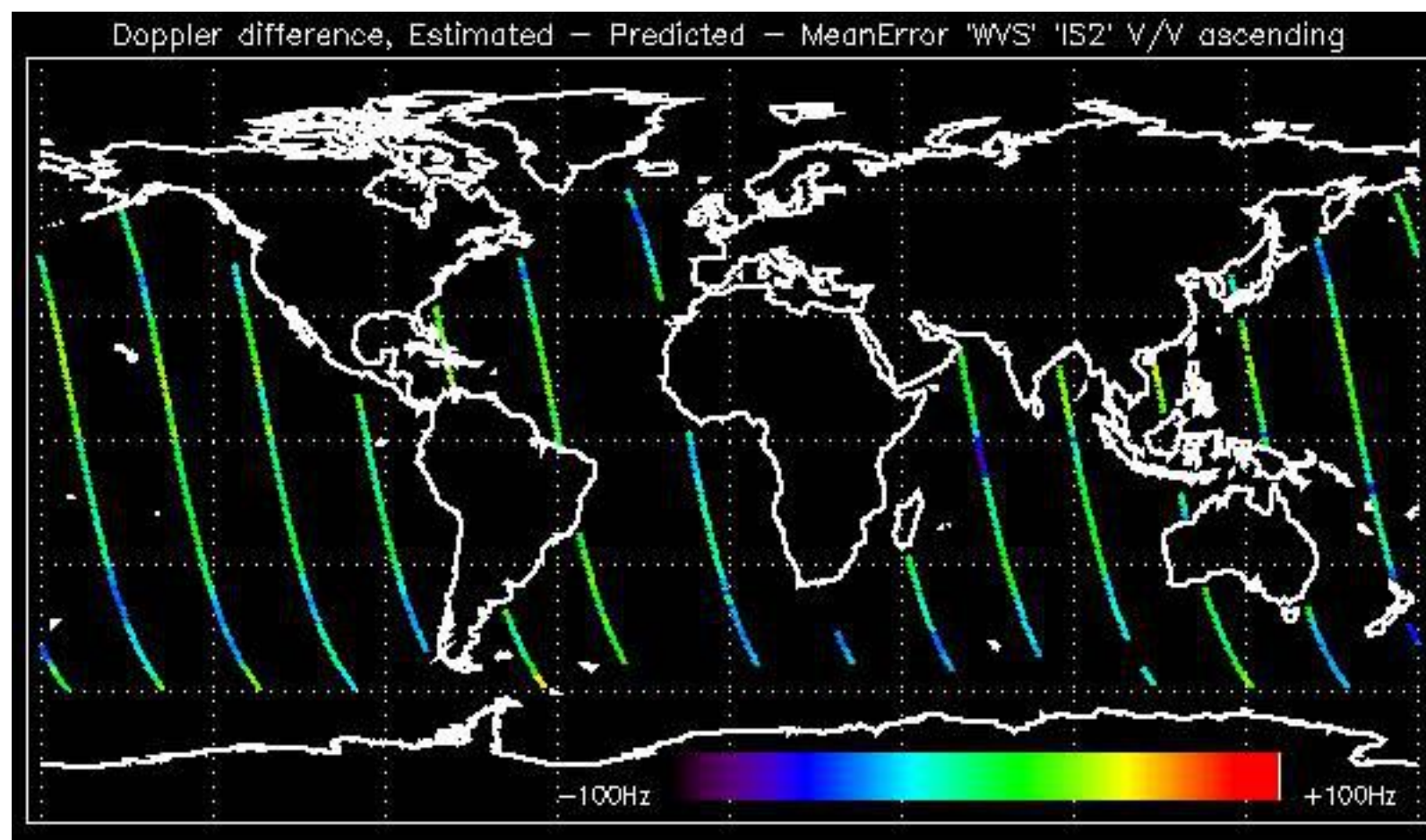


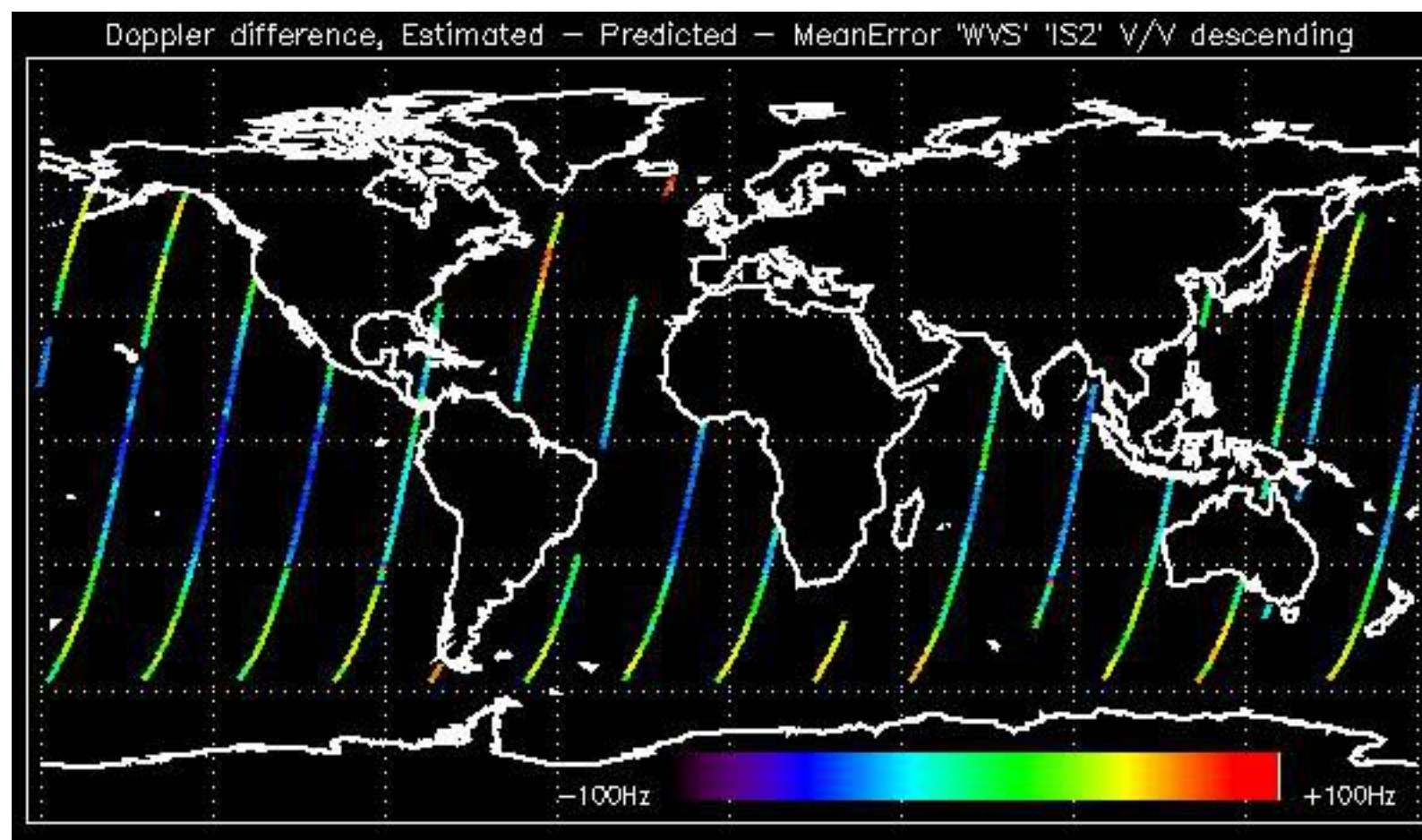




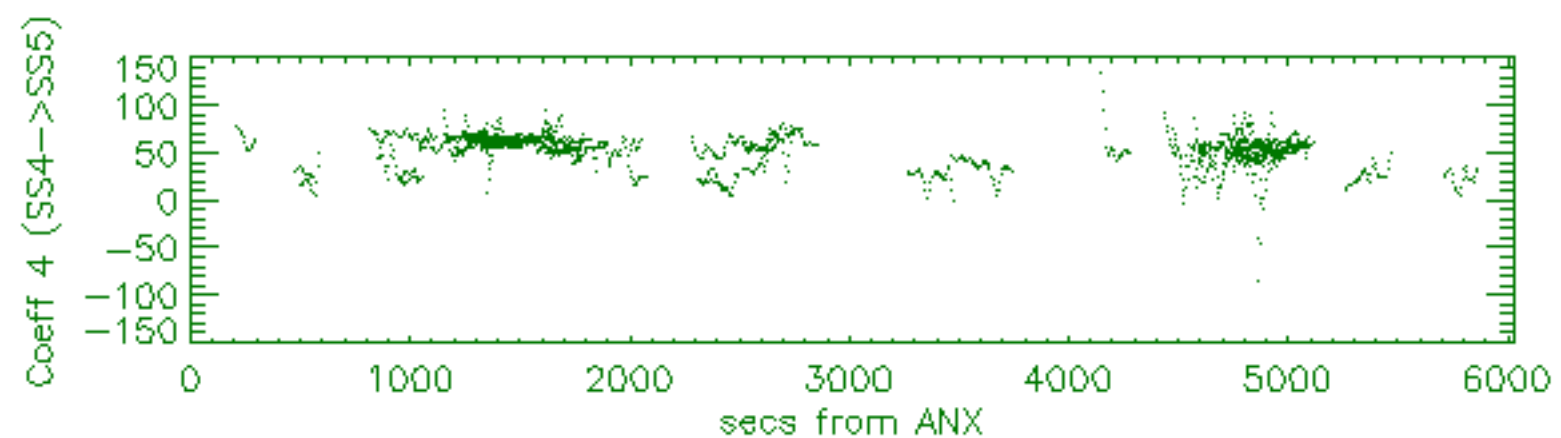
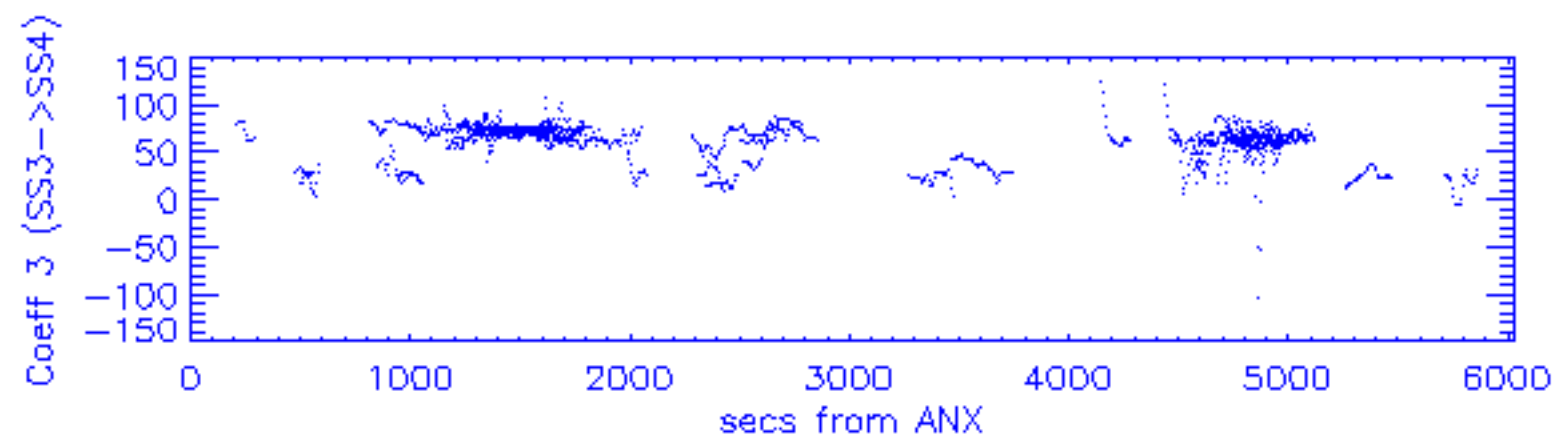
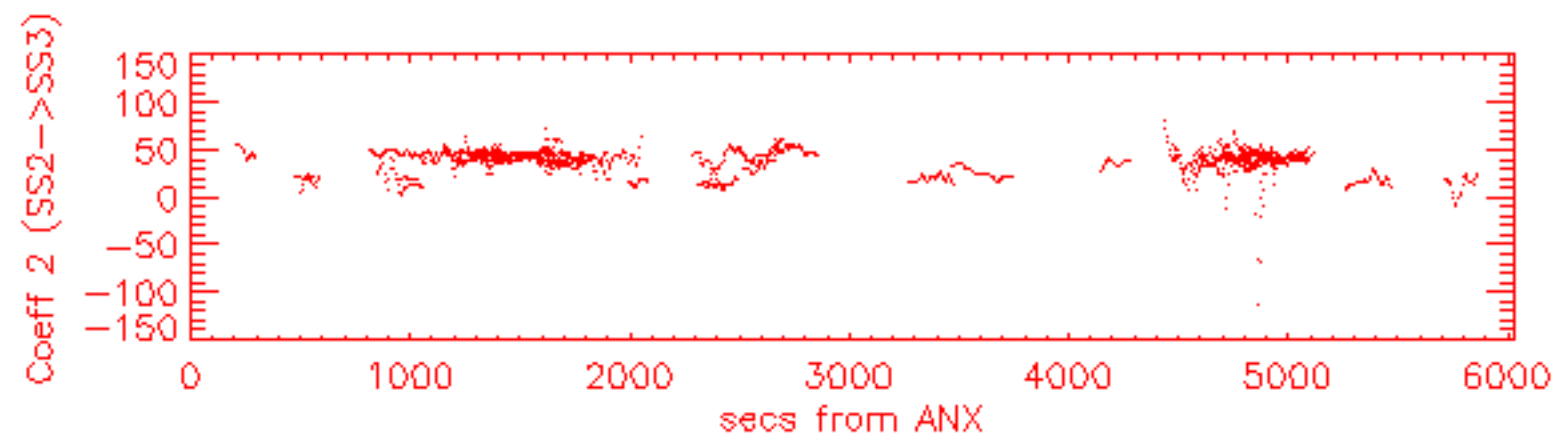
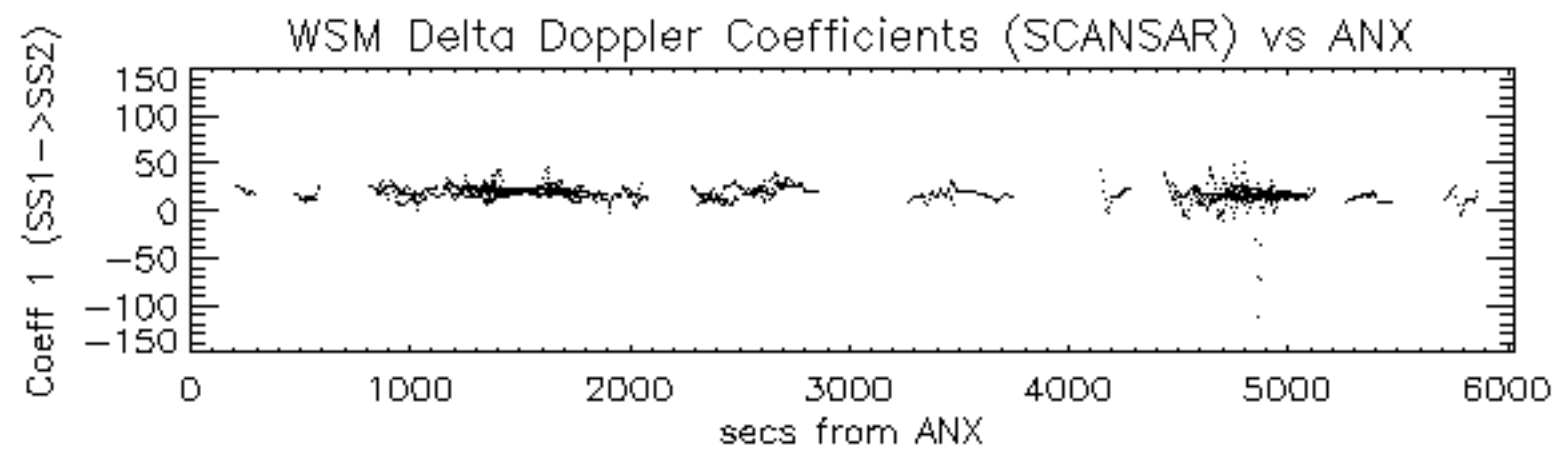


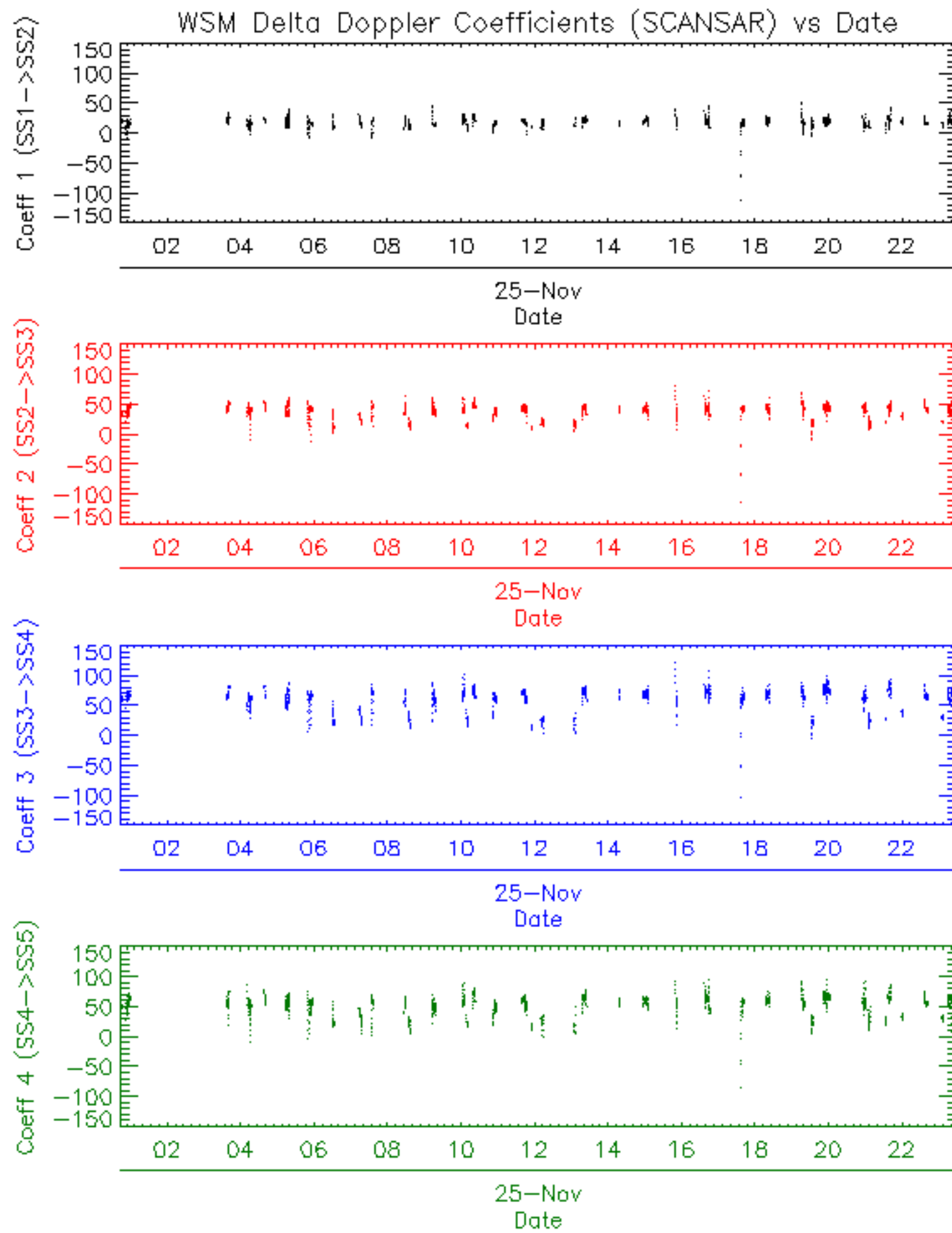






















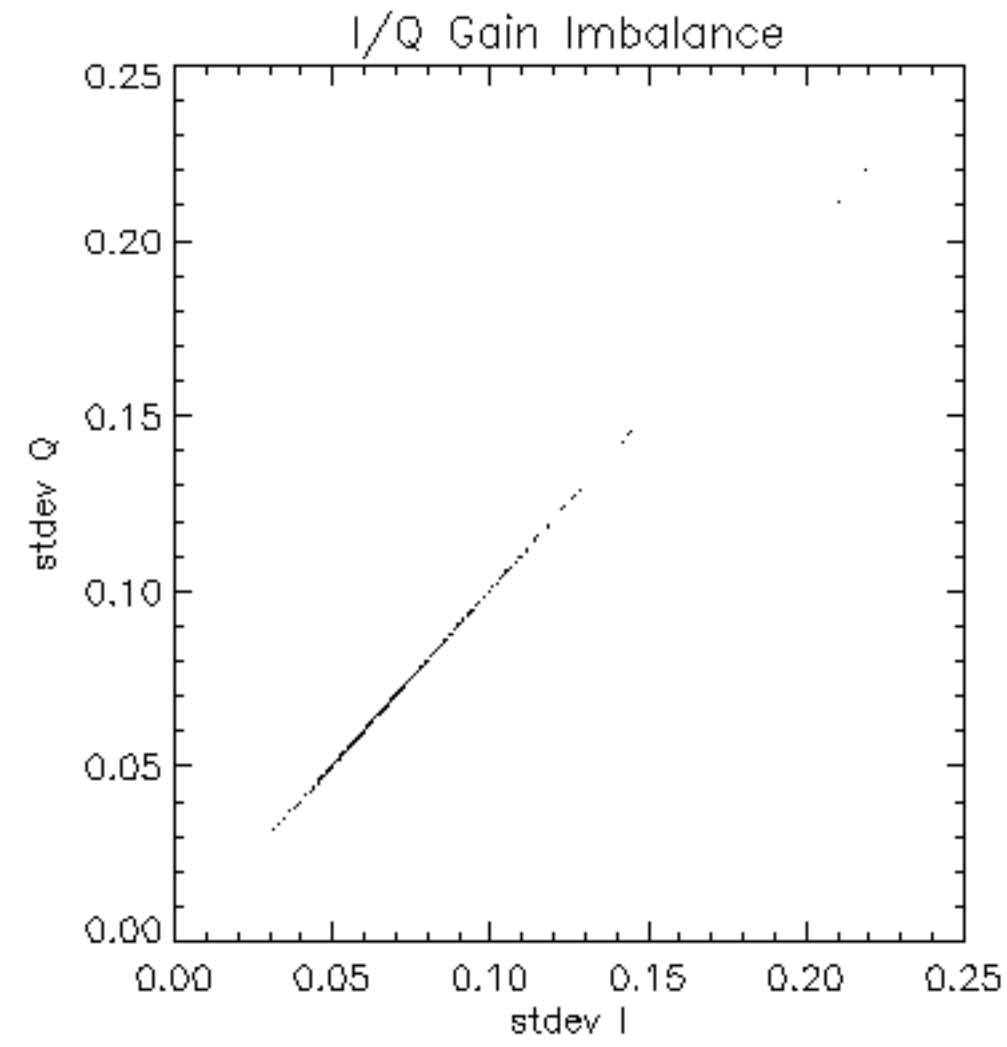


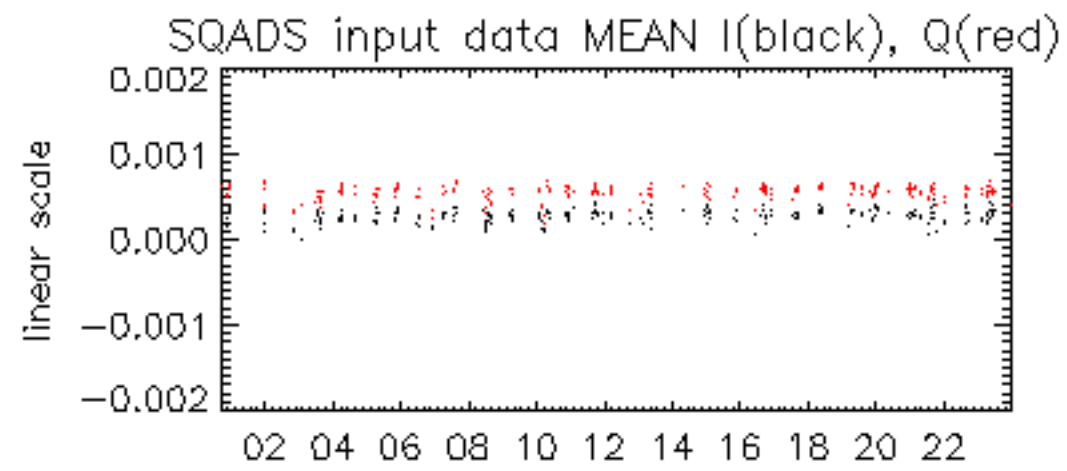




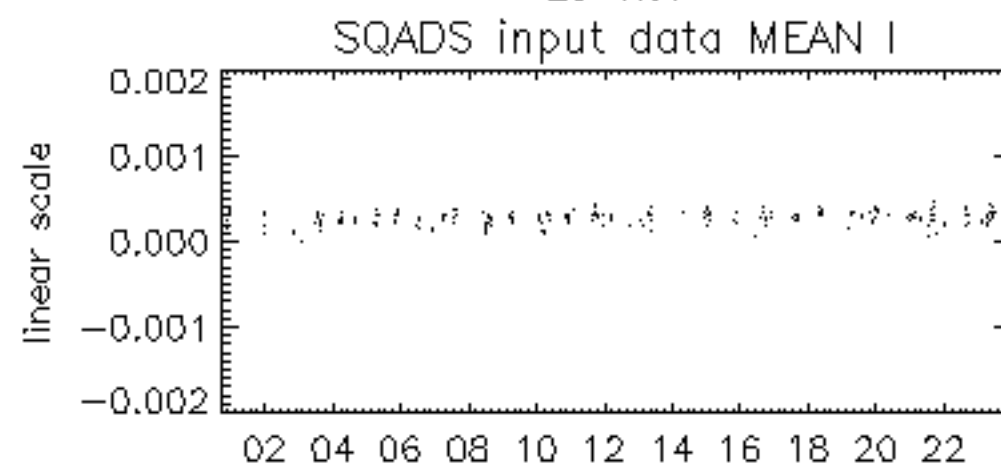




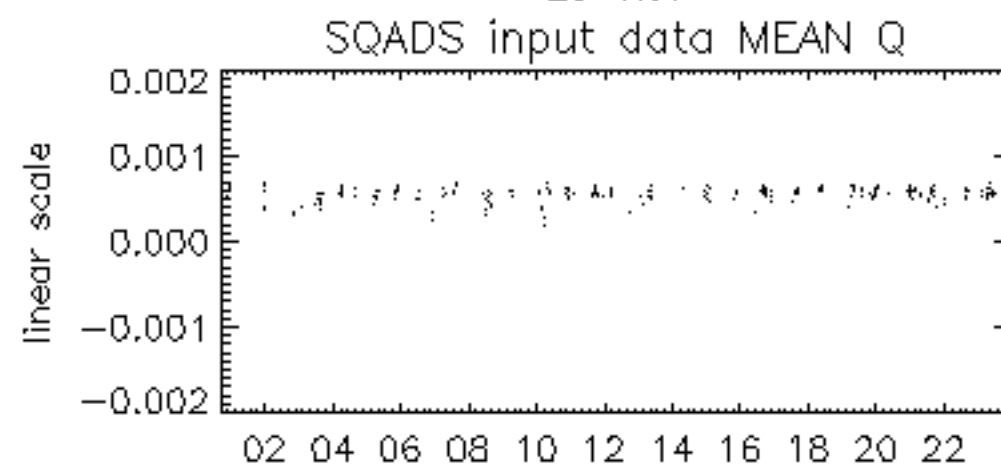




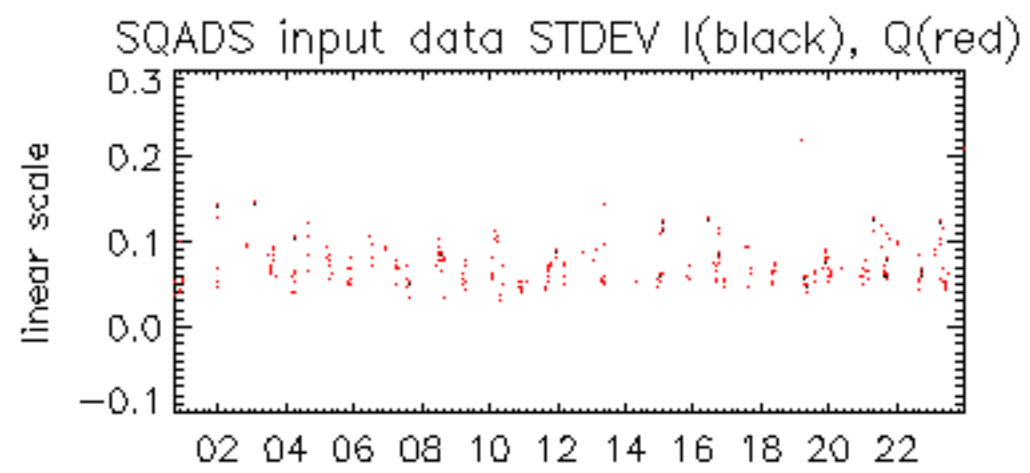
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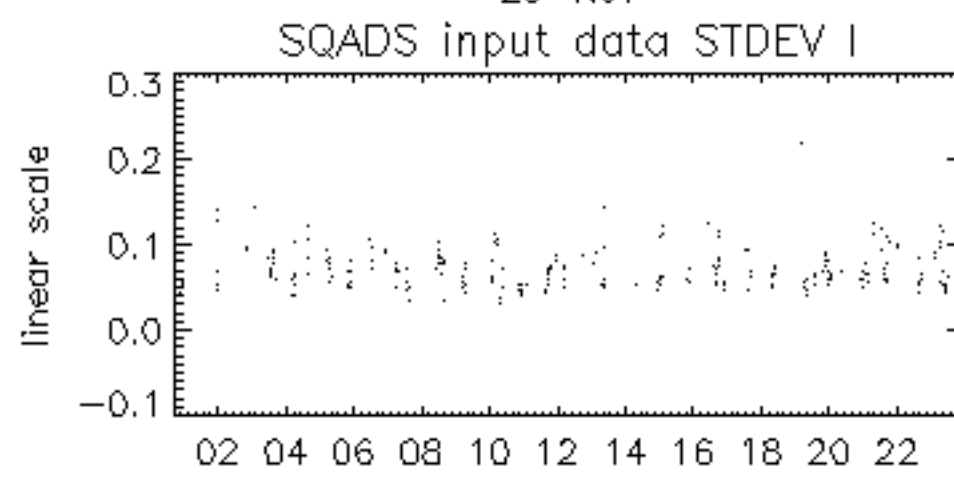
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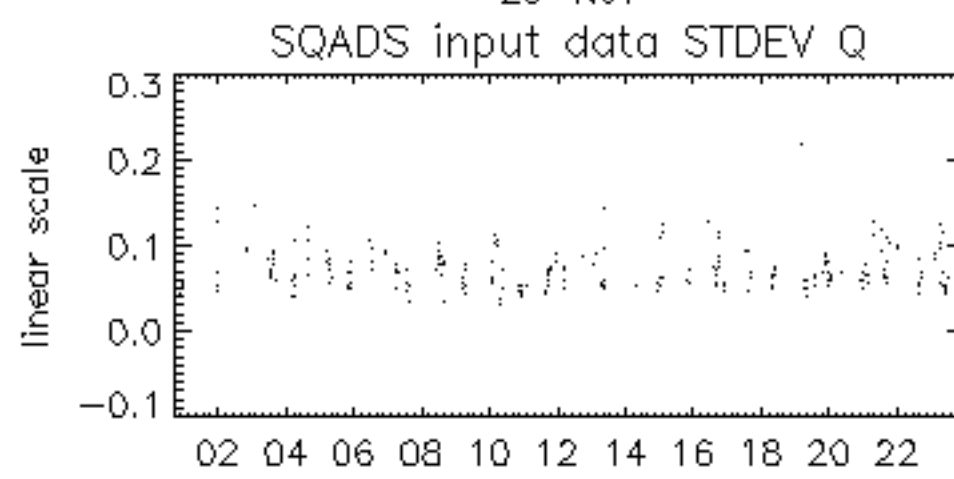
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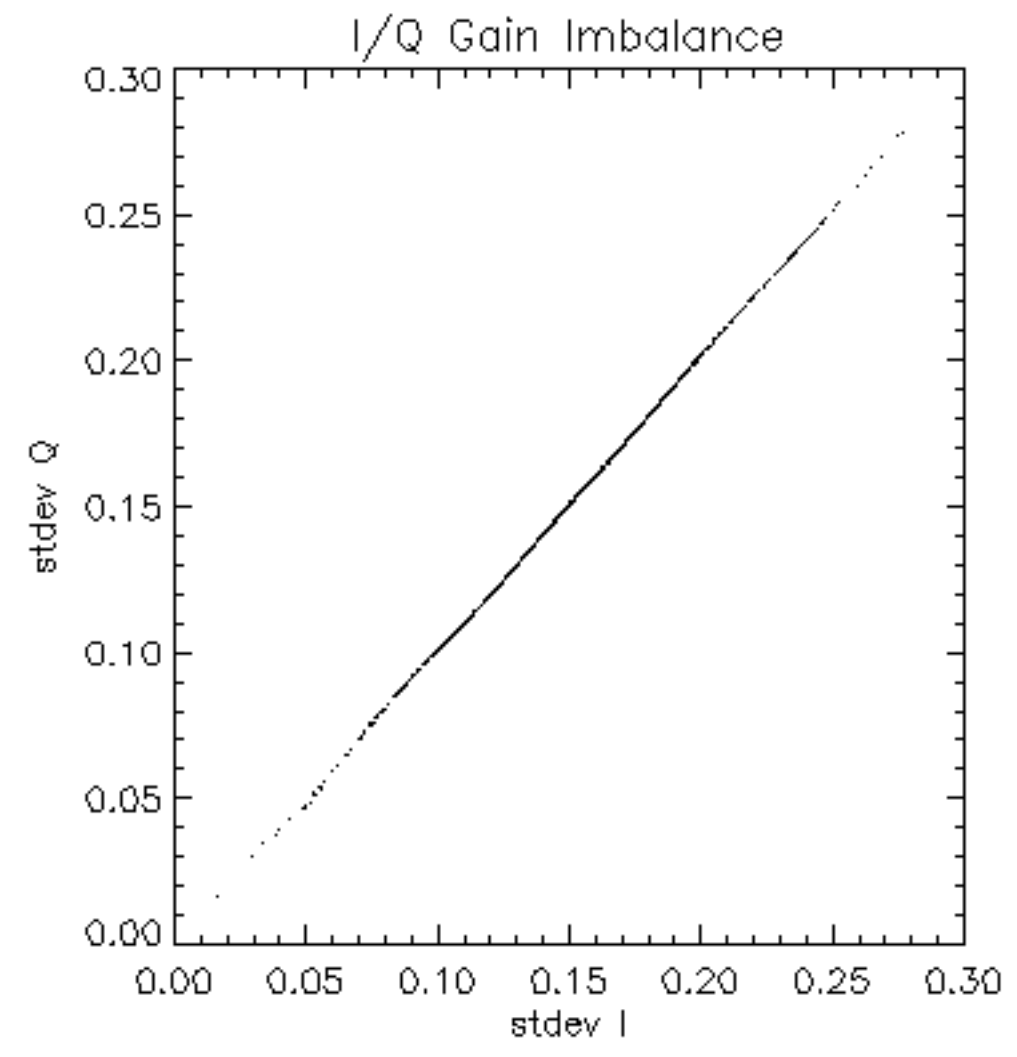
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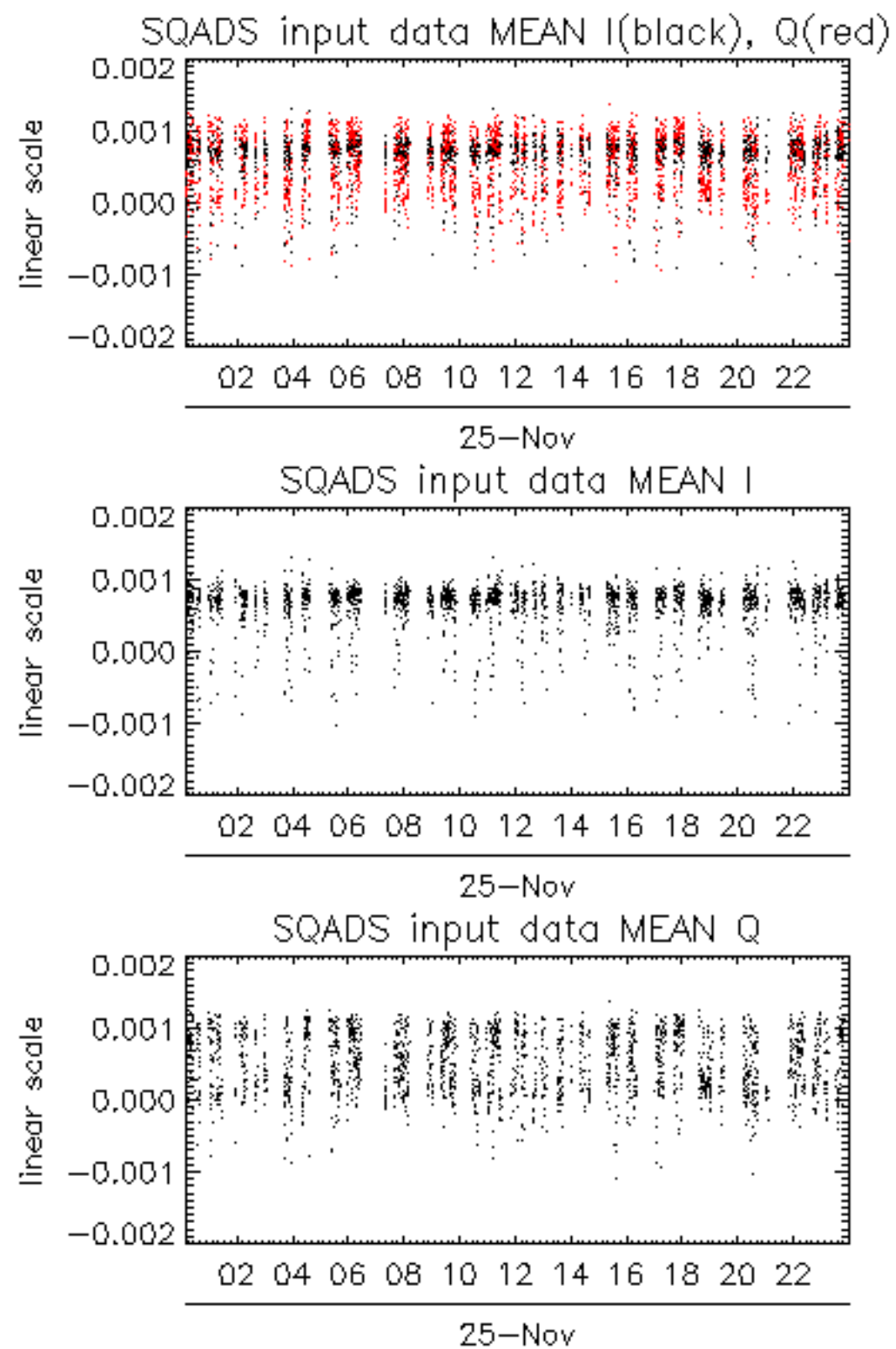


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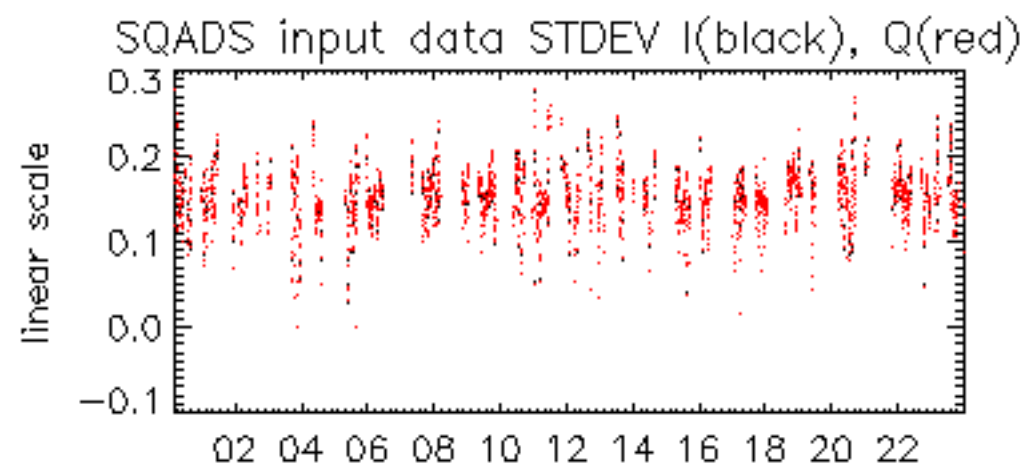


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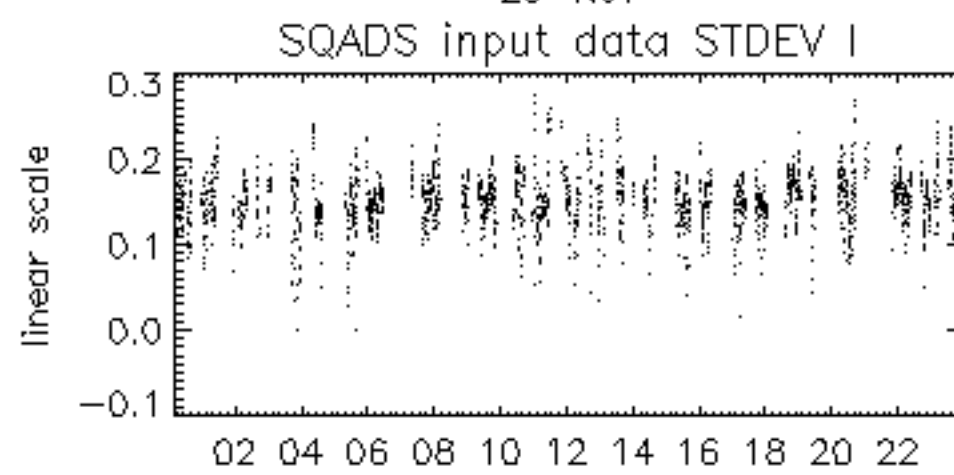




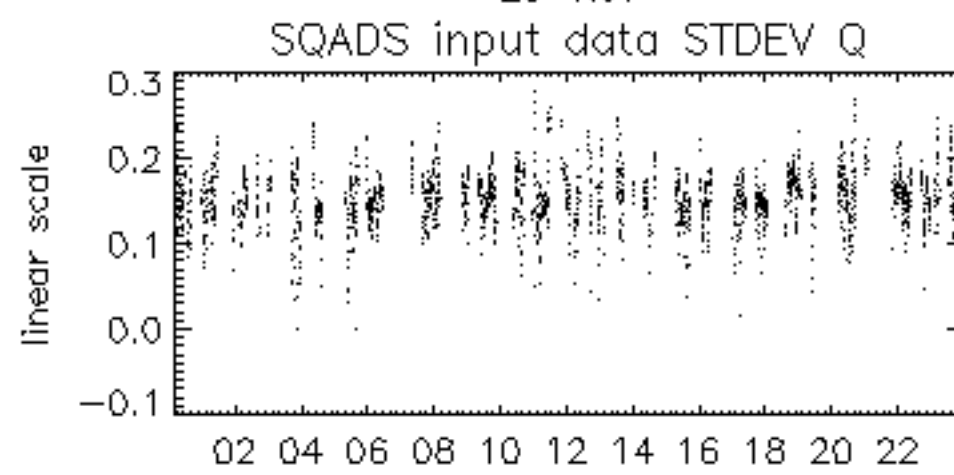




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