



Analysis from 05-OCT-2010 00:00:00 to 05-OCT-2010 23:59:59. Page generated on 06-OCT-2010 20:35:28.  
View log file: ASAR\_Daily\_Report\_20101006\_2033.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |    | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|----|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 3  | PDE    | WS   | H/H | 27 | PDE    | IS1  | V/H | 1 | PDE    | IS2  | H/H | 11 | PDE    | WS   | H/H | 29 | PDK    | 2010-10-05 08:09:56 | H   | 320     |
| PDE    | IS2  | V/V | 30 | PDK    | WS   | H/H | 61 | PDE    | IS2  | H/H | 1 | PDE    | IS2  | V/V | 9  | PDE    | WS   | V/V | 3  |        |                     |     |         |
| PDK    | IS2  | V/V | 21 |        |      |     |    | PDE    | IS4  | V/H | 1 | PDE    | IS6  | V/V | 2  | PDK    | WS   | H/H | 15 |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | H/H | 3  | PDK    | WS   | V/V | 6  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | V/V | 1  |        |      |     |    |        |                     |     |         |

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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| ADFs disseminated for ASAR                                    |
|---|
| ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000 |
| ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959 |
| ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000 |
| ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000 |

### 2.2 - Products with wrong ADFs

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

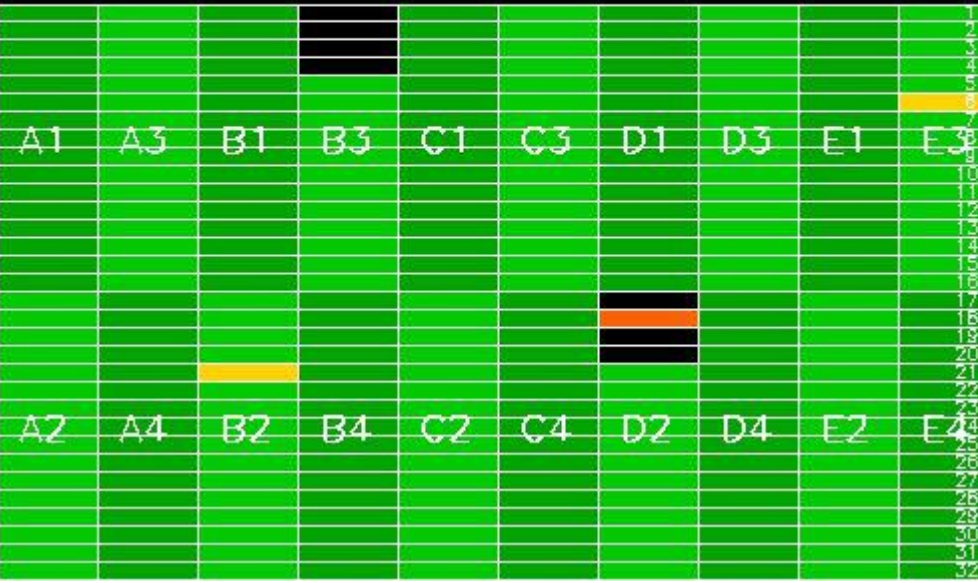
[TXT] [XLS] [Check\\_ADFs\\_WVS](#)  
 [TXT] [XLS] [Check\\_ADFs\\_GM1](#)  
 [TXT] [XLS] [Check\\_ADFs\\_APM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_IMM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_WSM](#)

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2010-10-04 08:41:33 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

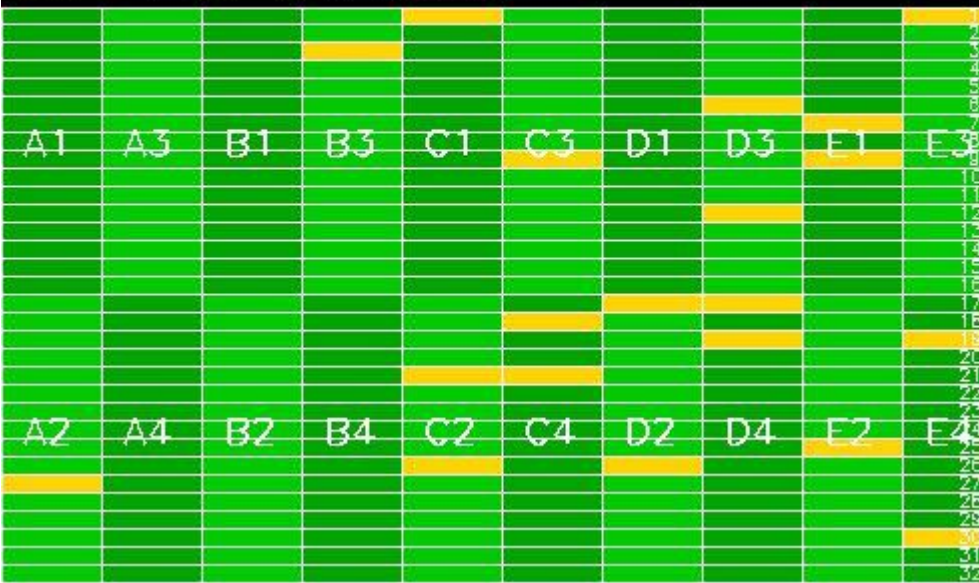
Reference: 2010-10-03 02:30:47 V RxGain  
 Test : 2010-10-04 08:41:33 V



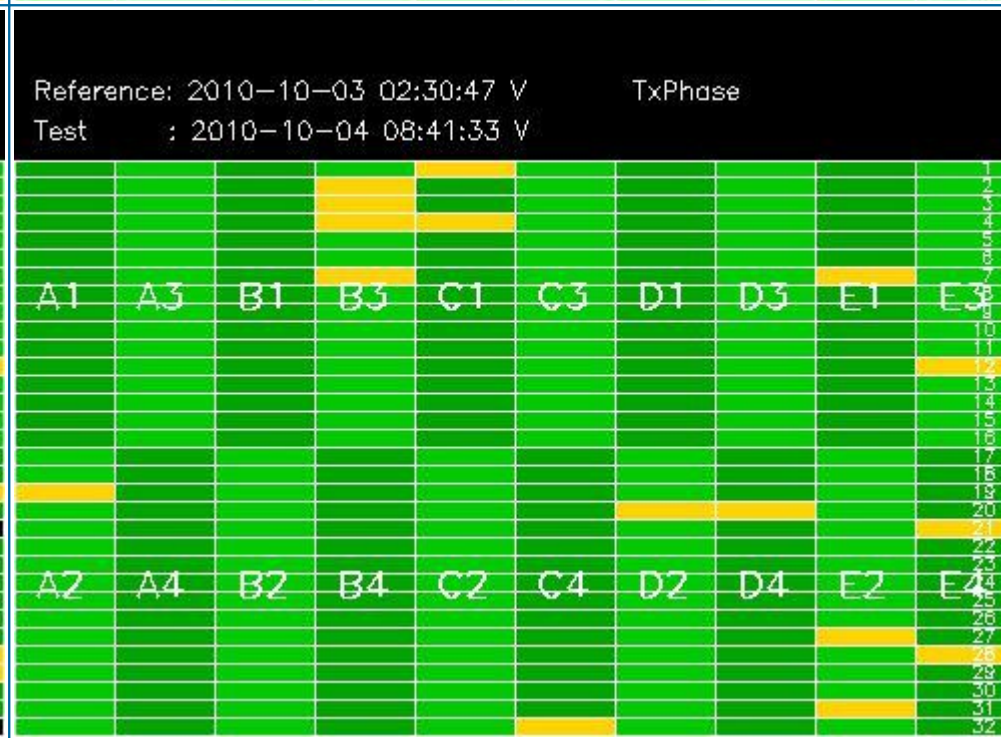
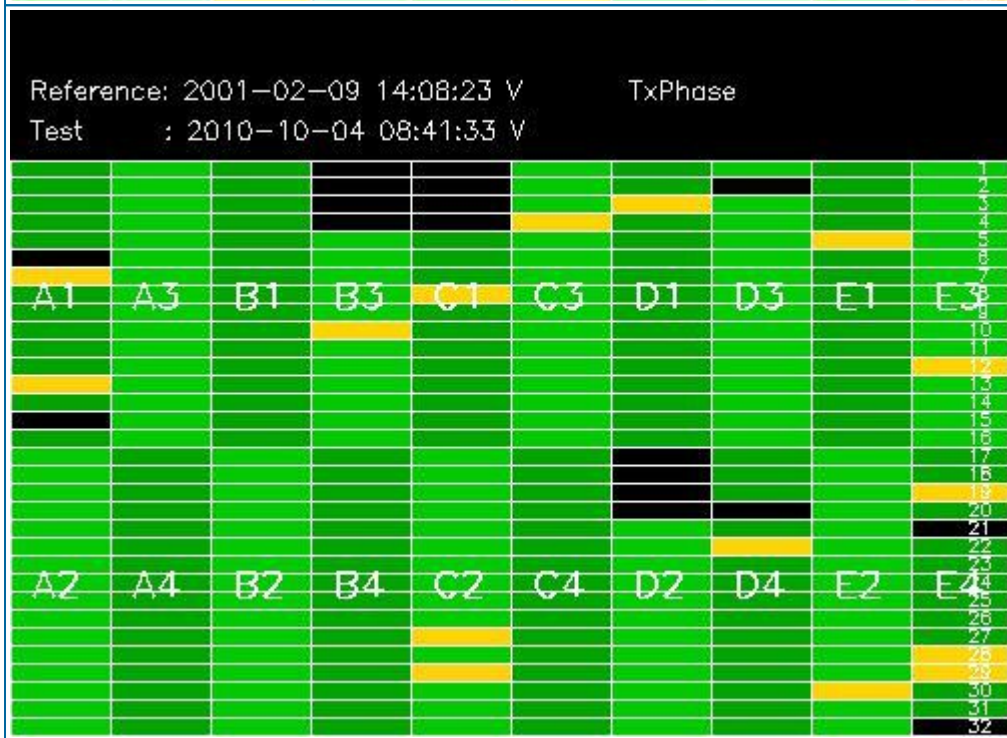
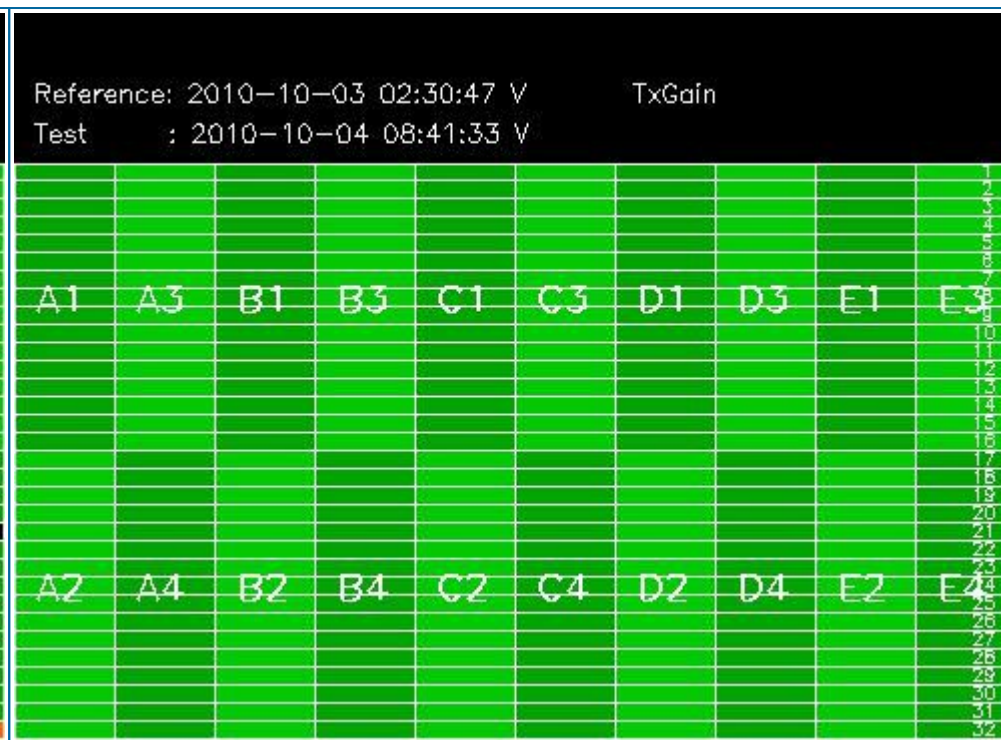
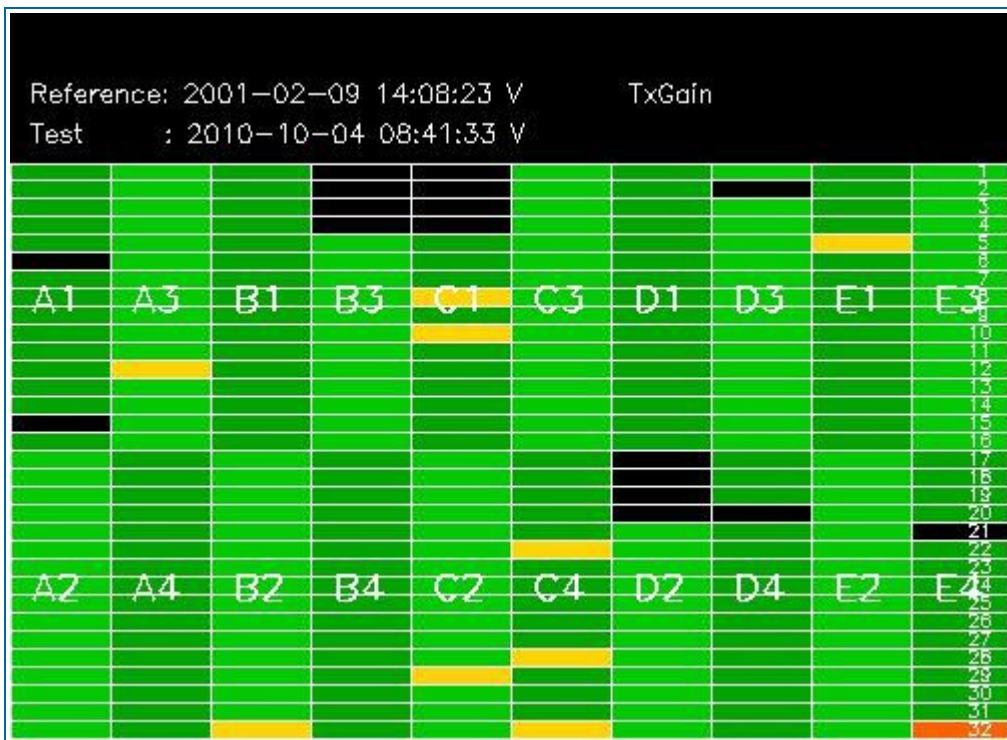
Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2010-10-04 08:41:33 V



Reference: 2010-10-03 02:30:47 V RxPhase  
 Test : 2010-10-04 08:41:33 V





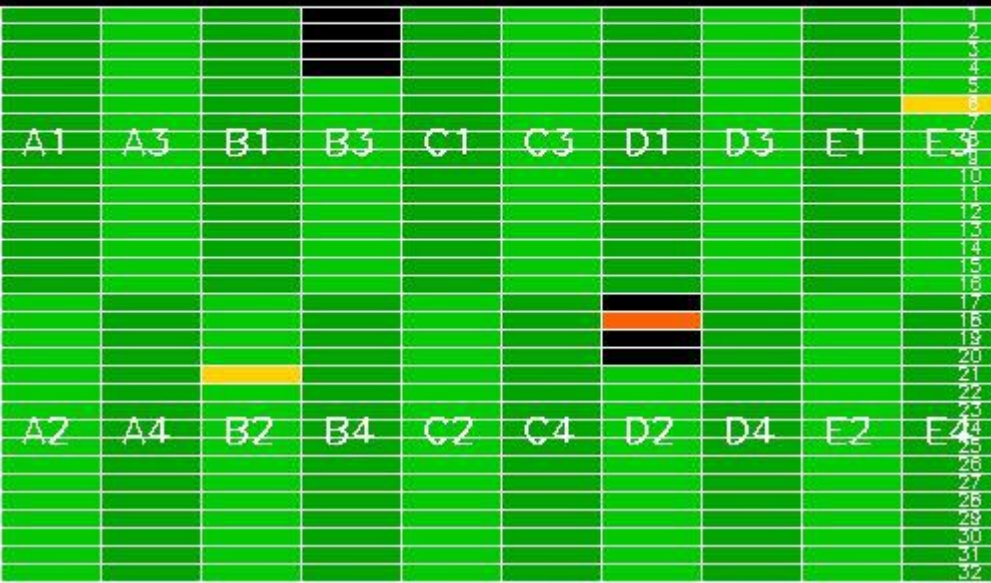


### 3.2 - H/H polarisation

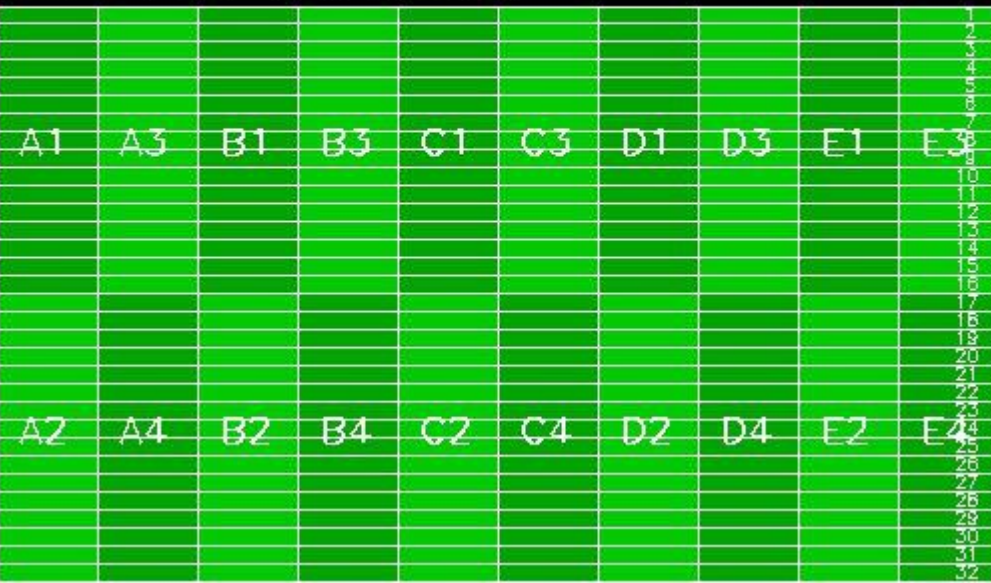
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| SECOND FIXED REFERENCE            | PREVIOUS PRODUCT REFERENCE                |
|-----------------------------------|---|
| Pre-launch reference (2001-02-09) | Previous product in the same polarisation |
|                                   |   |

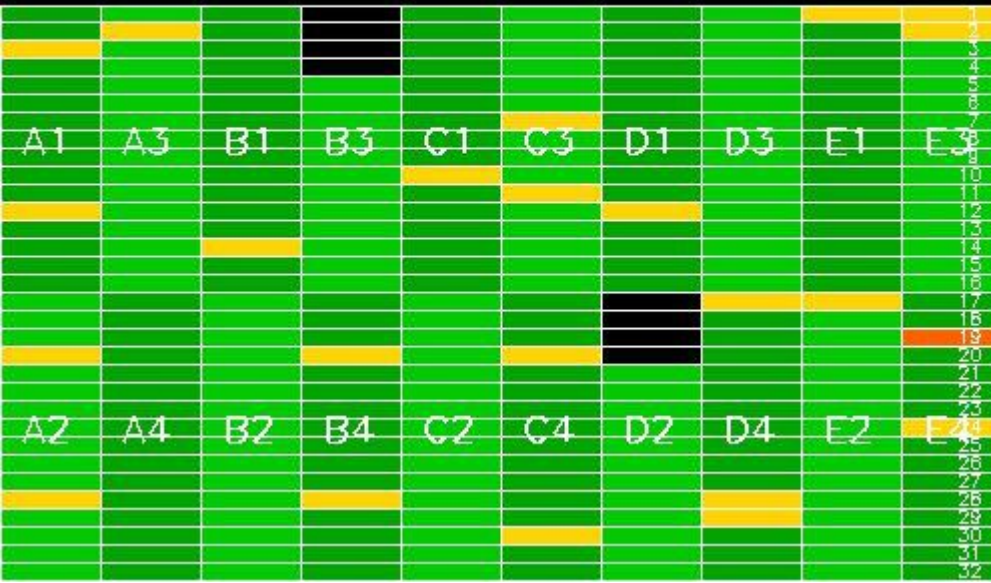
Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-10-05 08:09:56 H



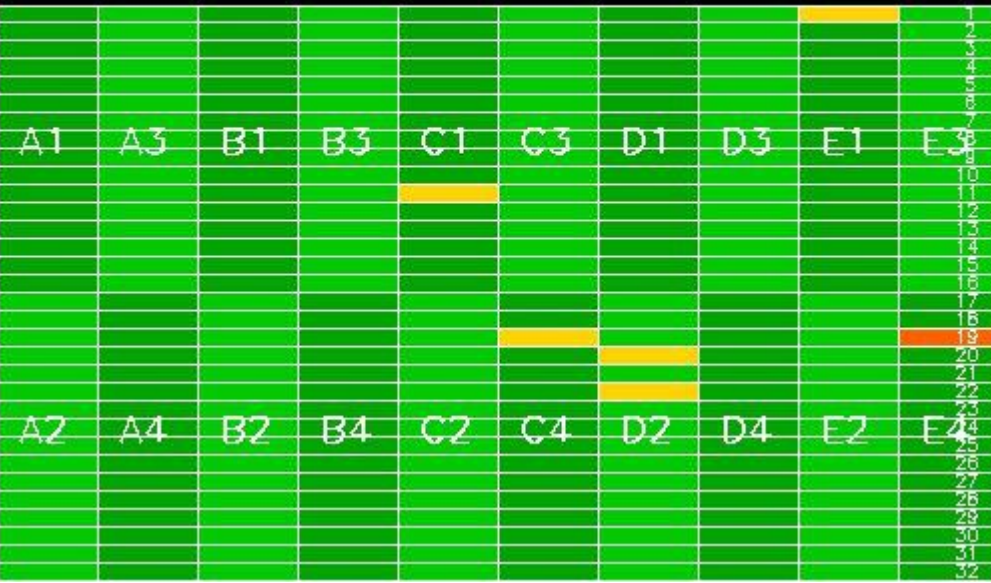
Reference: 2010-10-04 01:59:10 H RxGain  
 Test : 2010-10-05 08:09:56 H



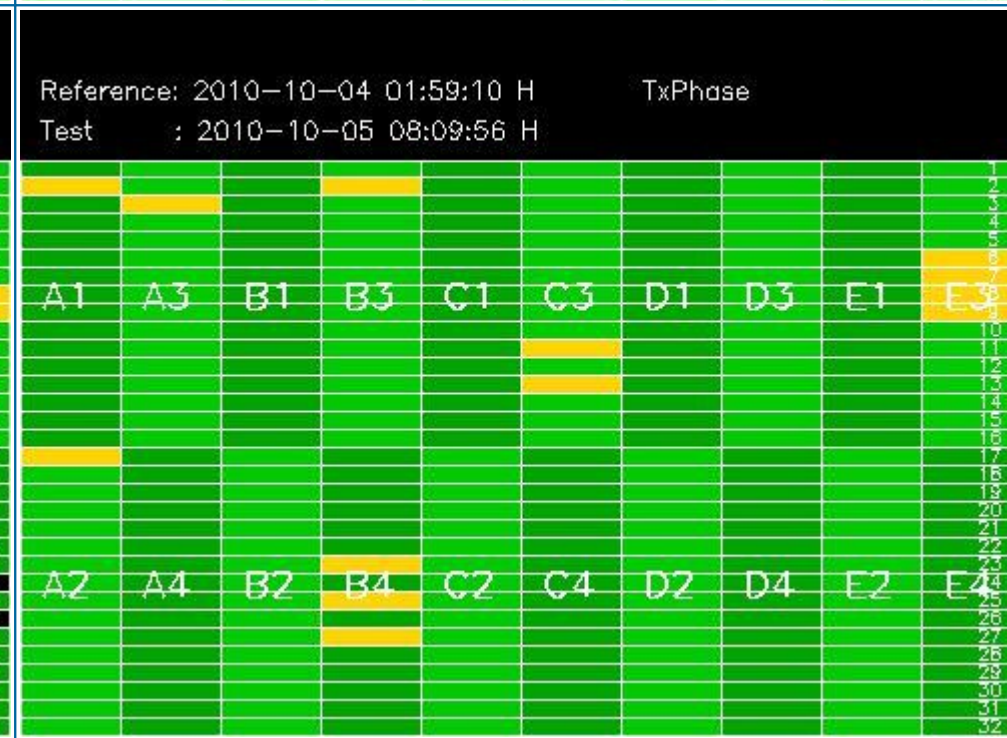
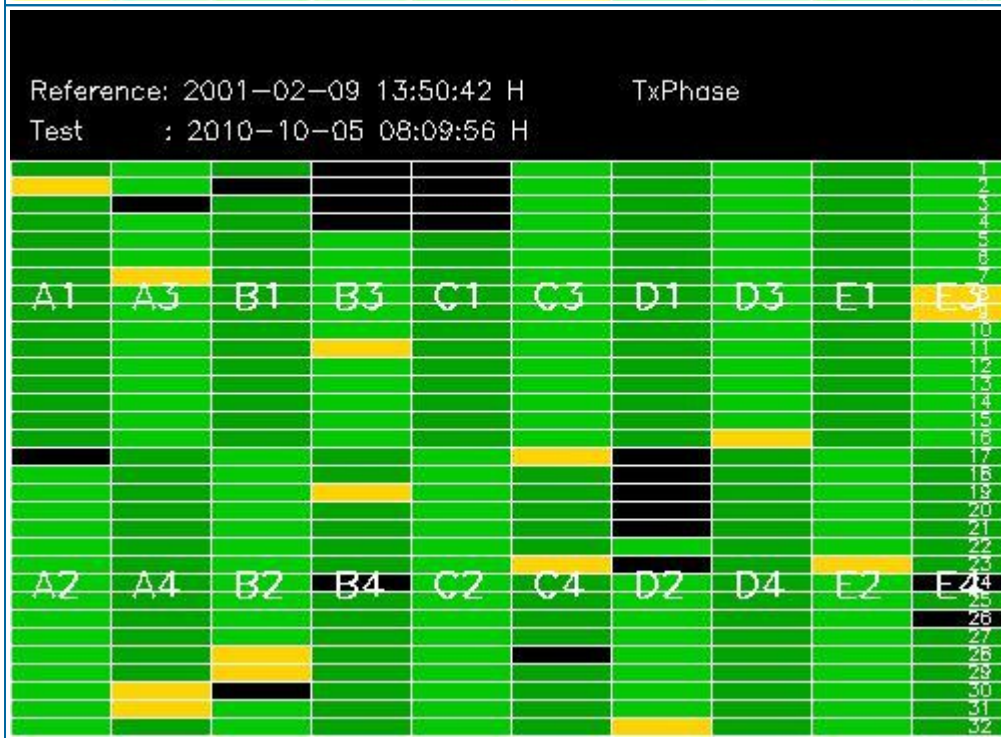
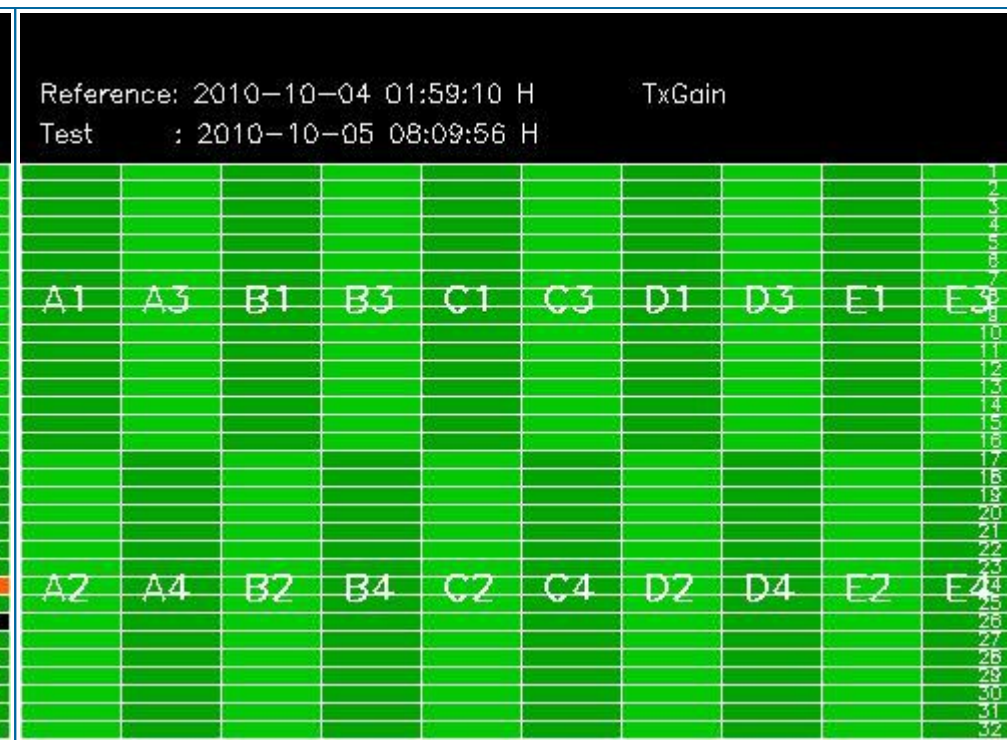
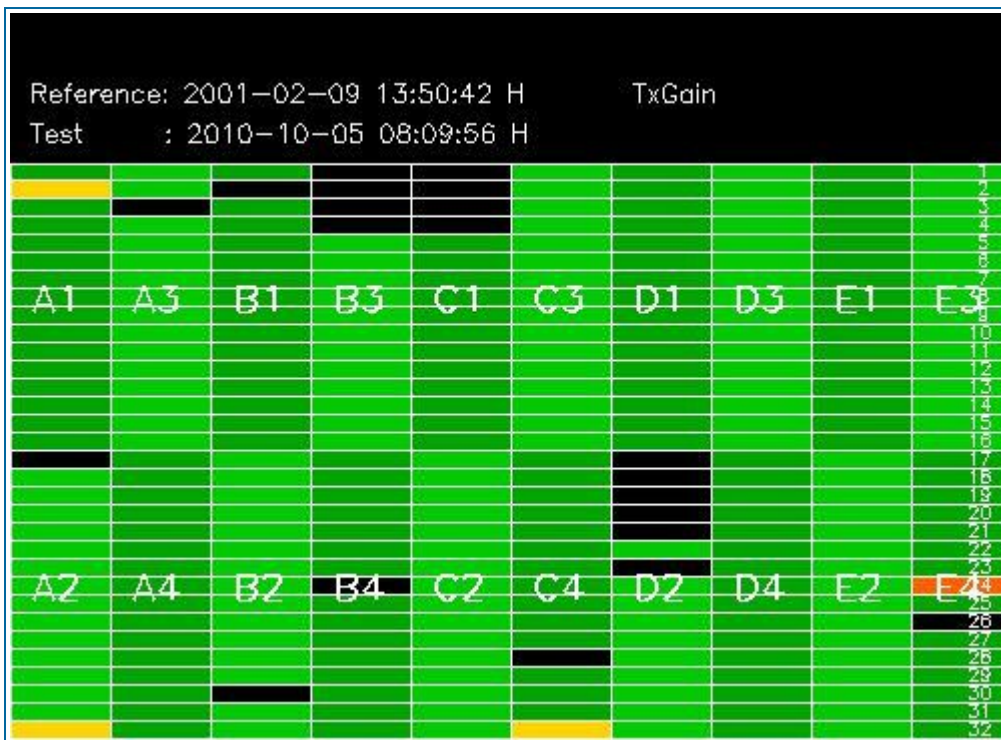
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-10-05 08:09:56 H



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







## 4 - CALIBRATION PULSES ANALYSIS

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

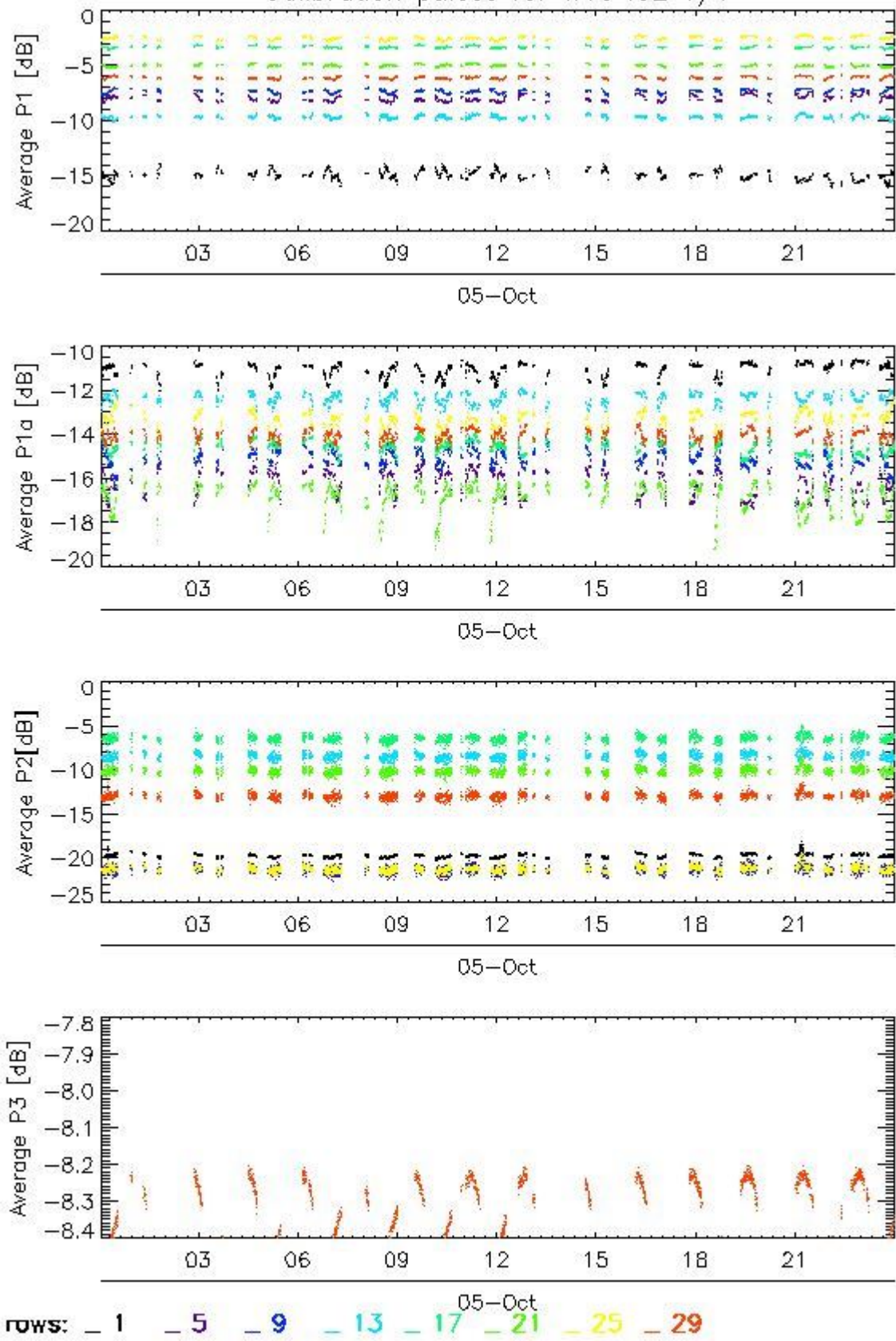
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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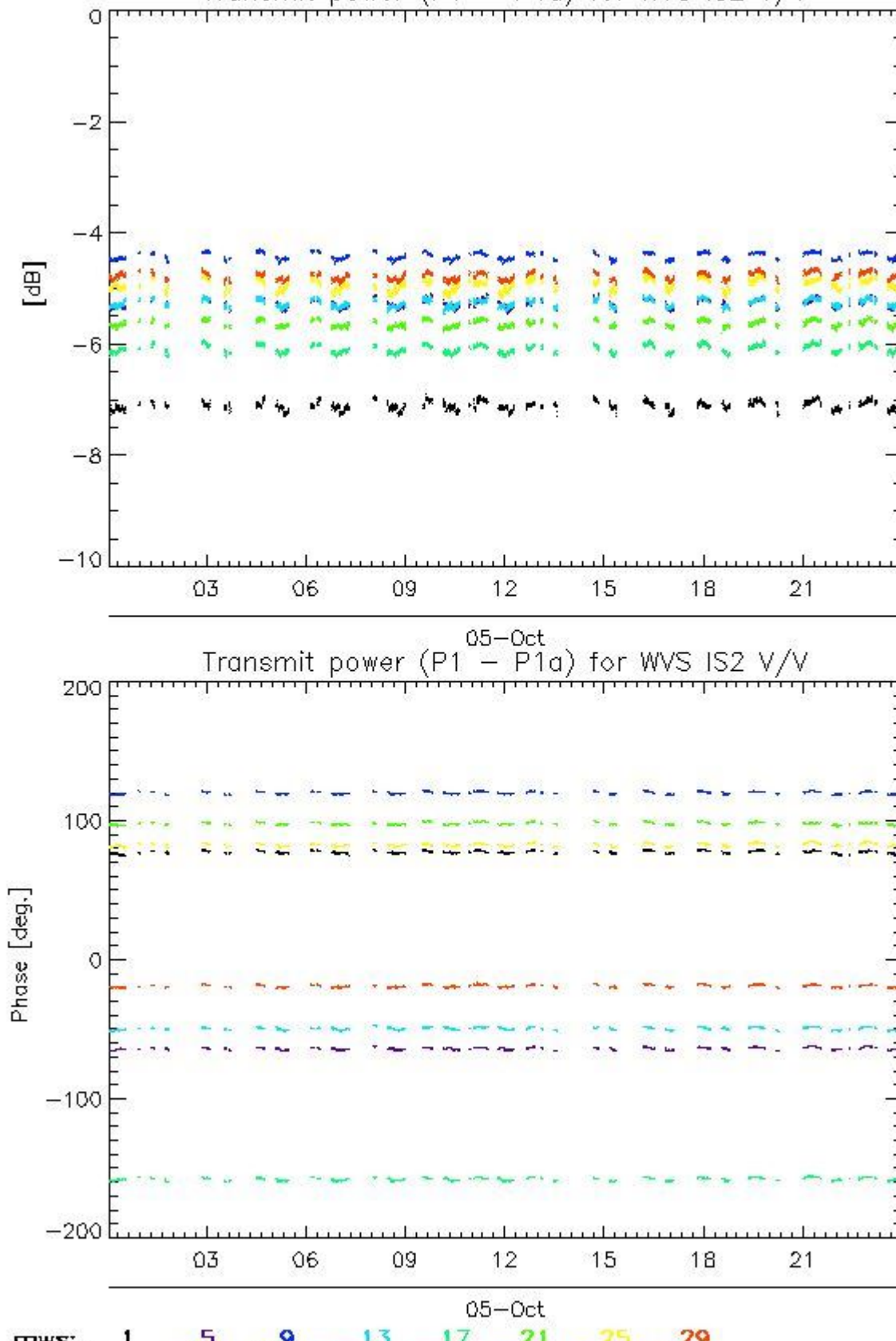
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



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

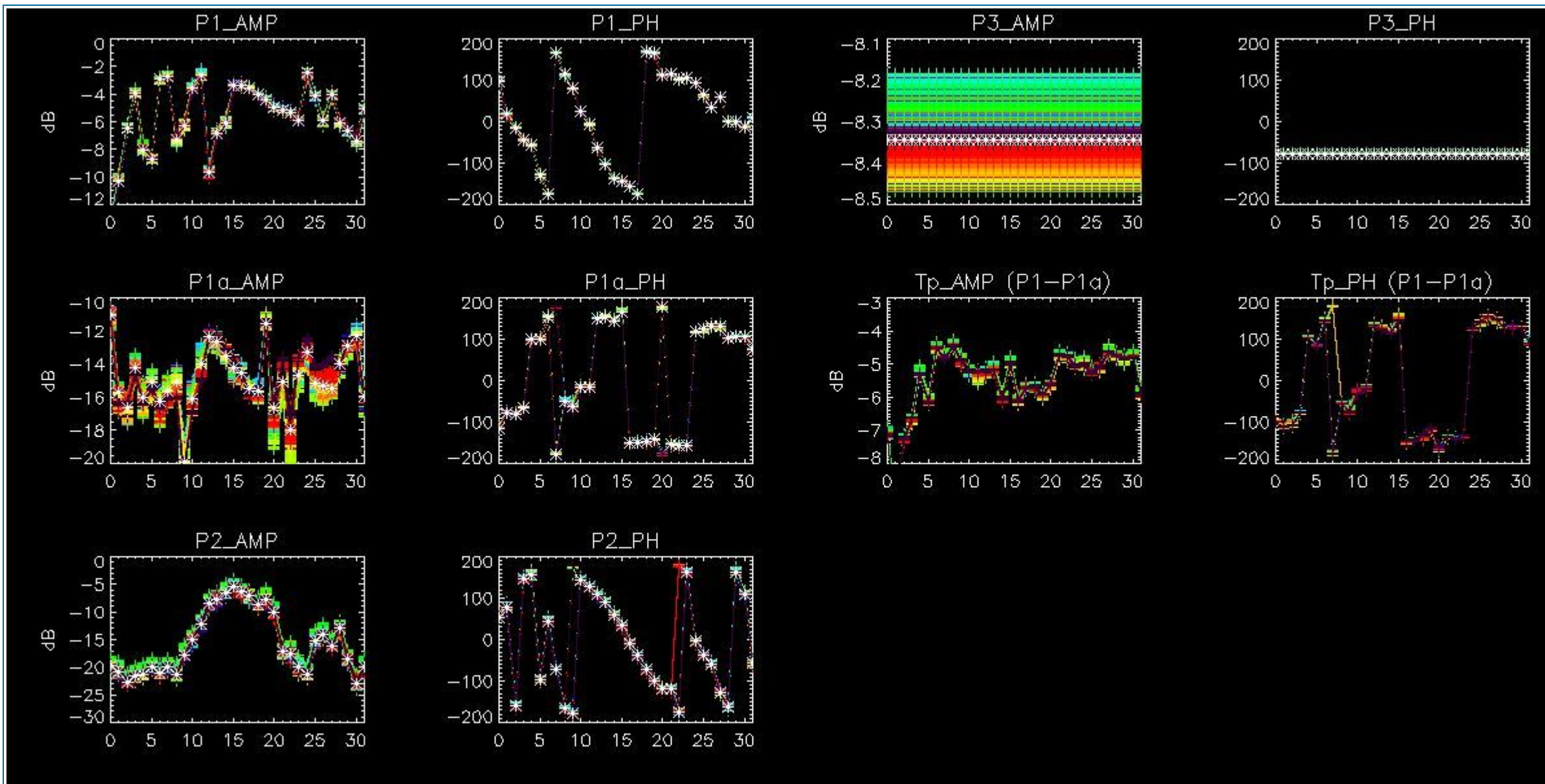


#### 4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

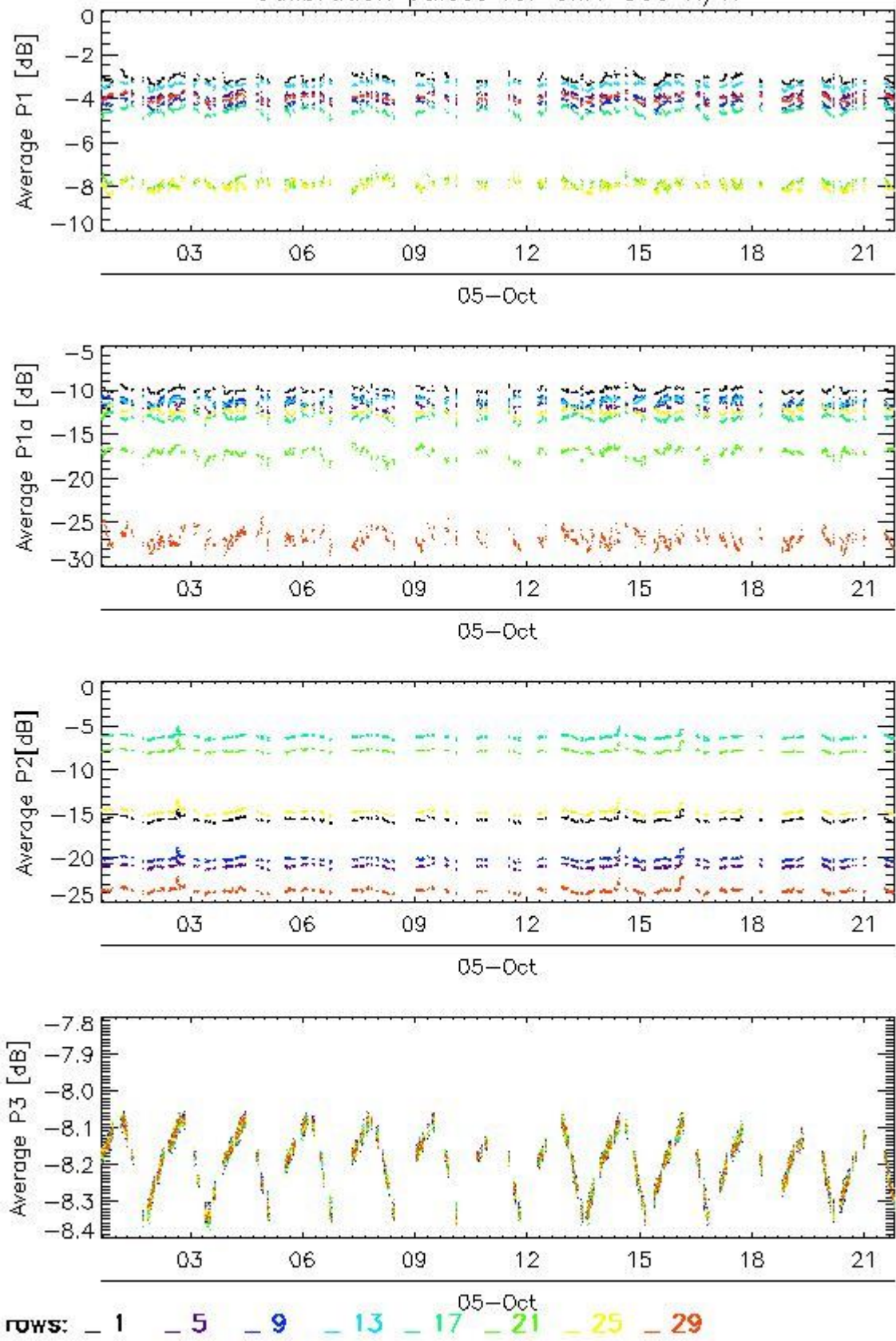
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

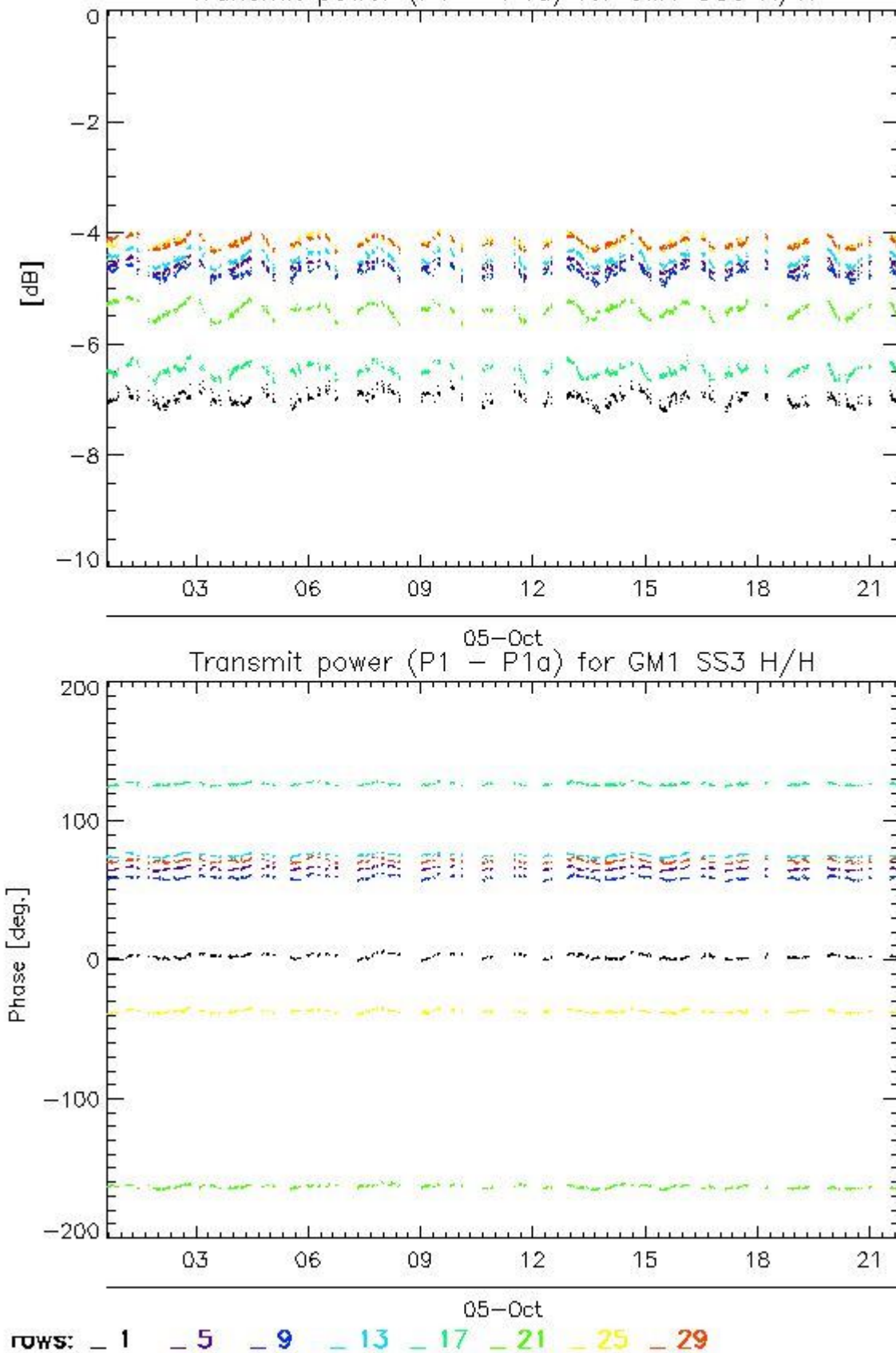
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



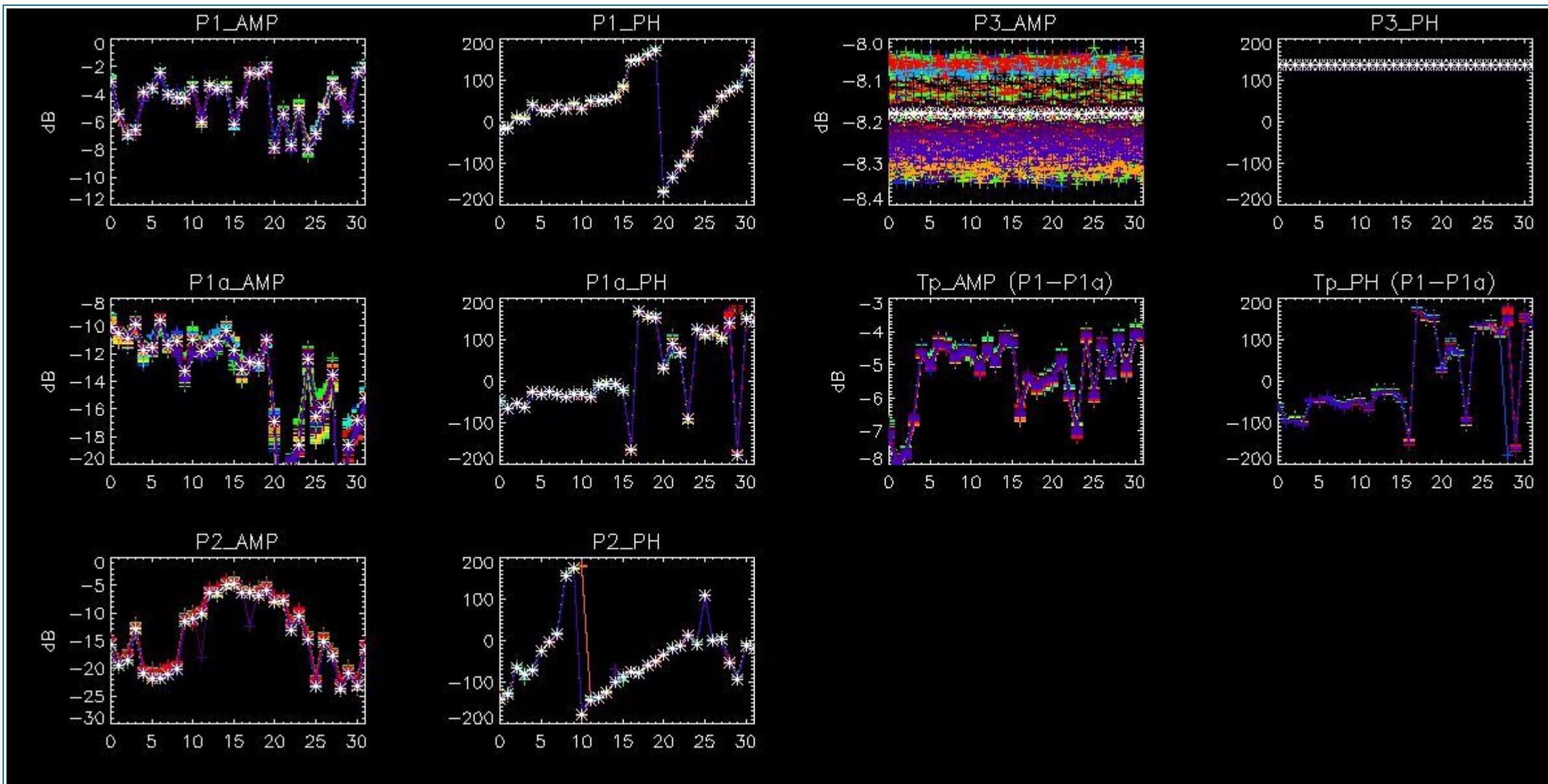
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

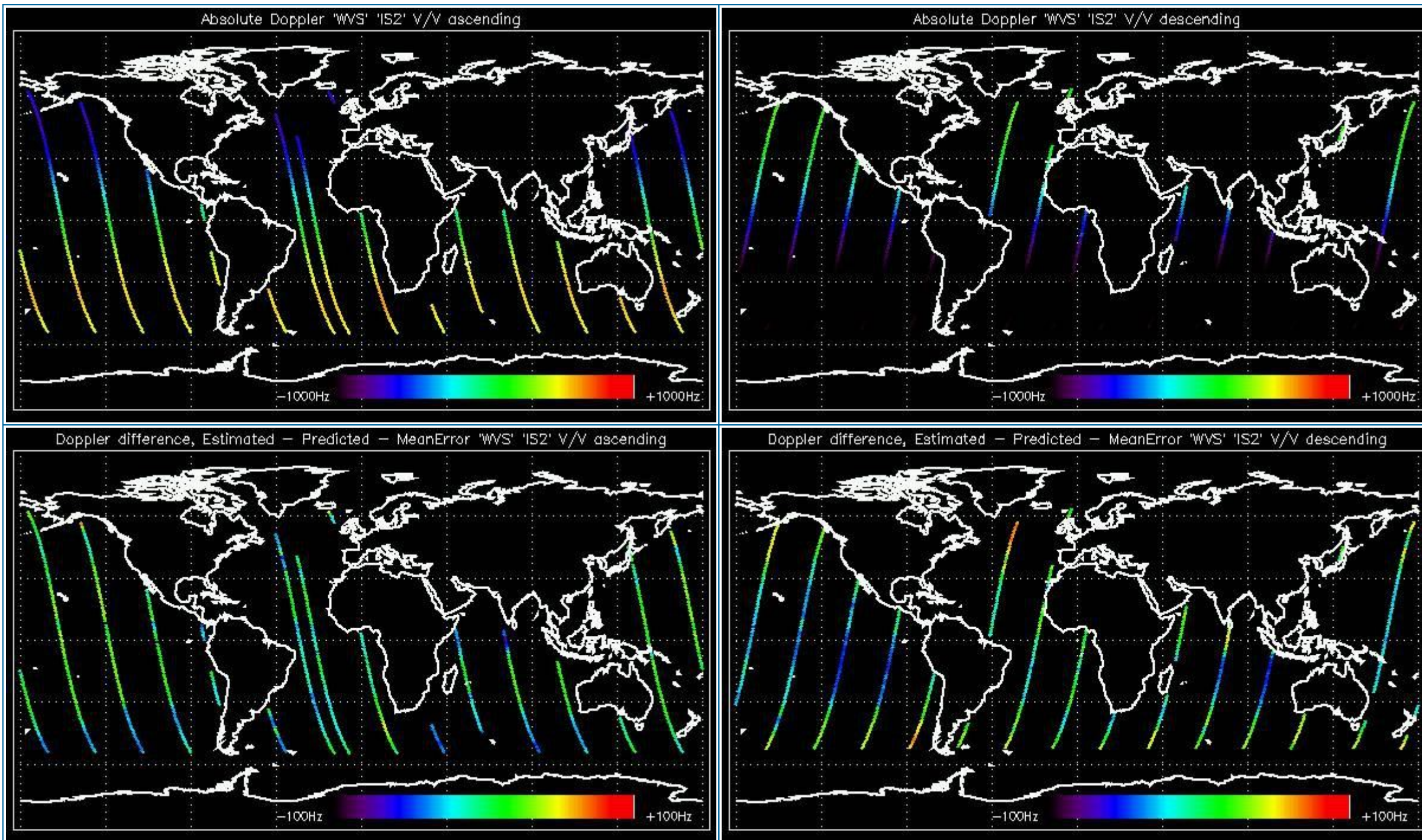
### 5.1 - Analysis for WVS IS2 V/V

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

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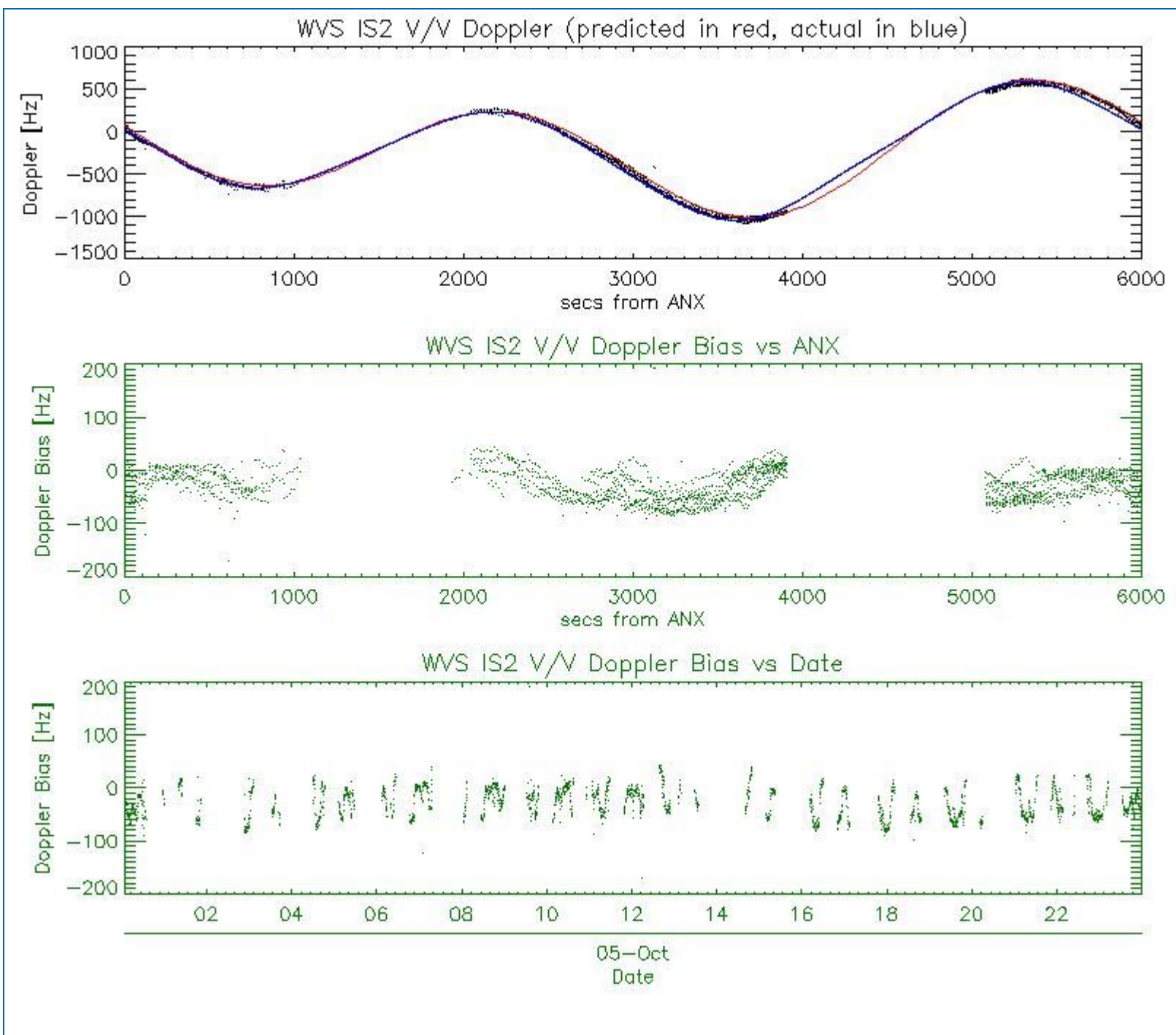




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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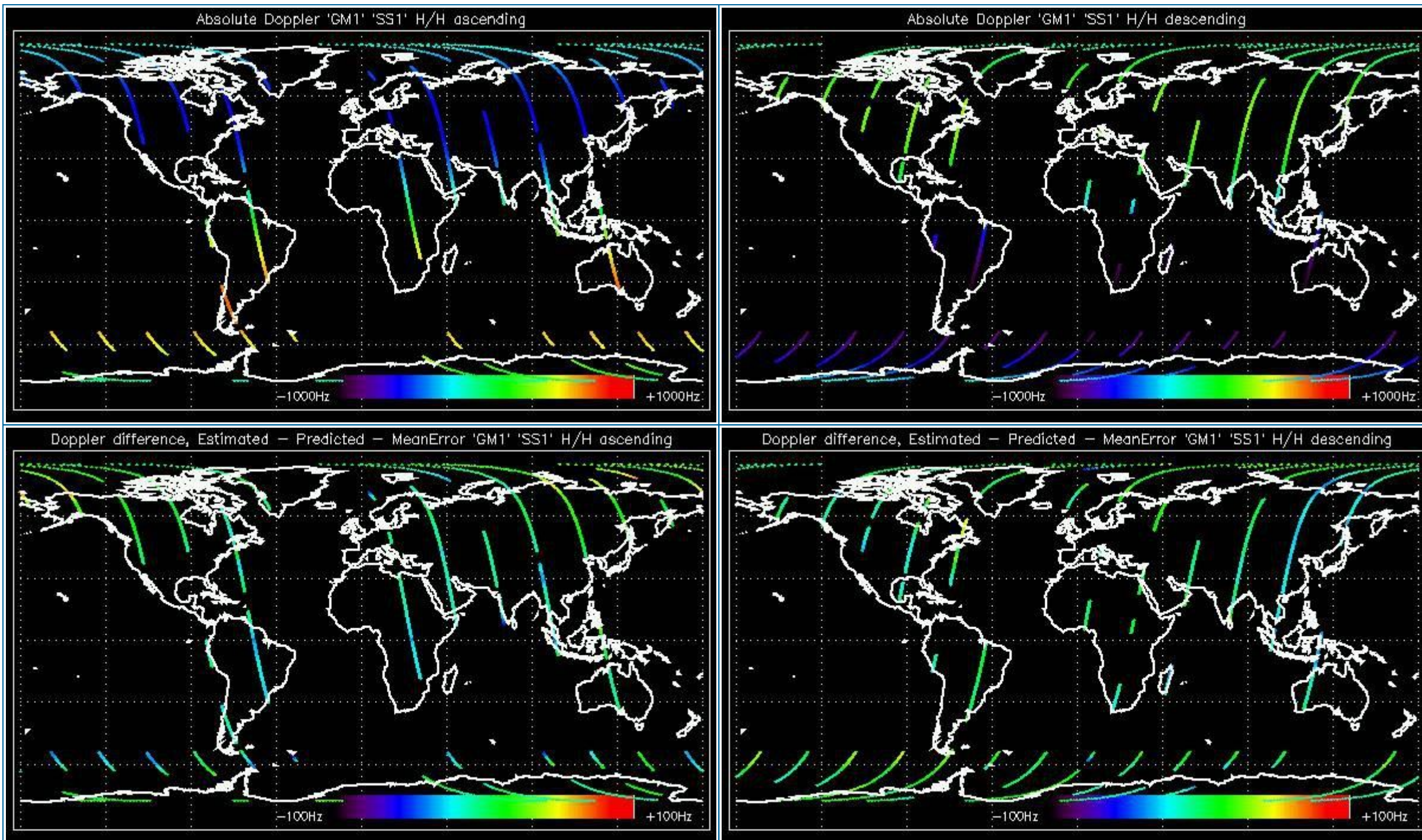
## 5.2 - Analysis for GM1 SS1 H/H

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

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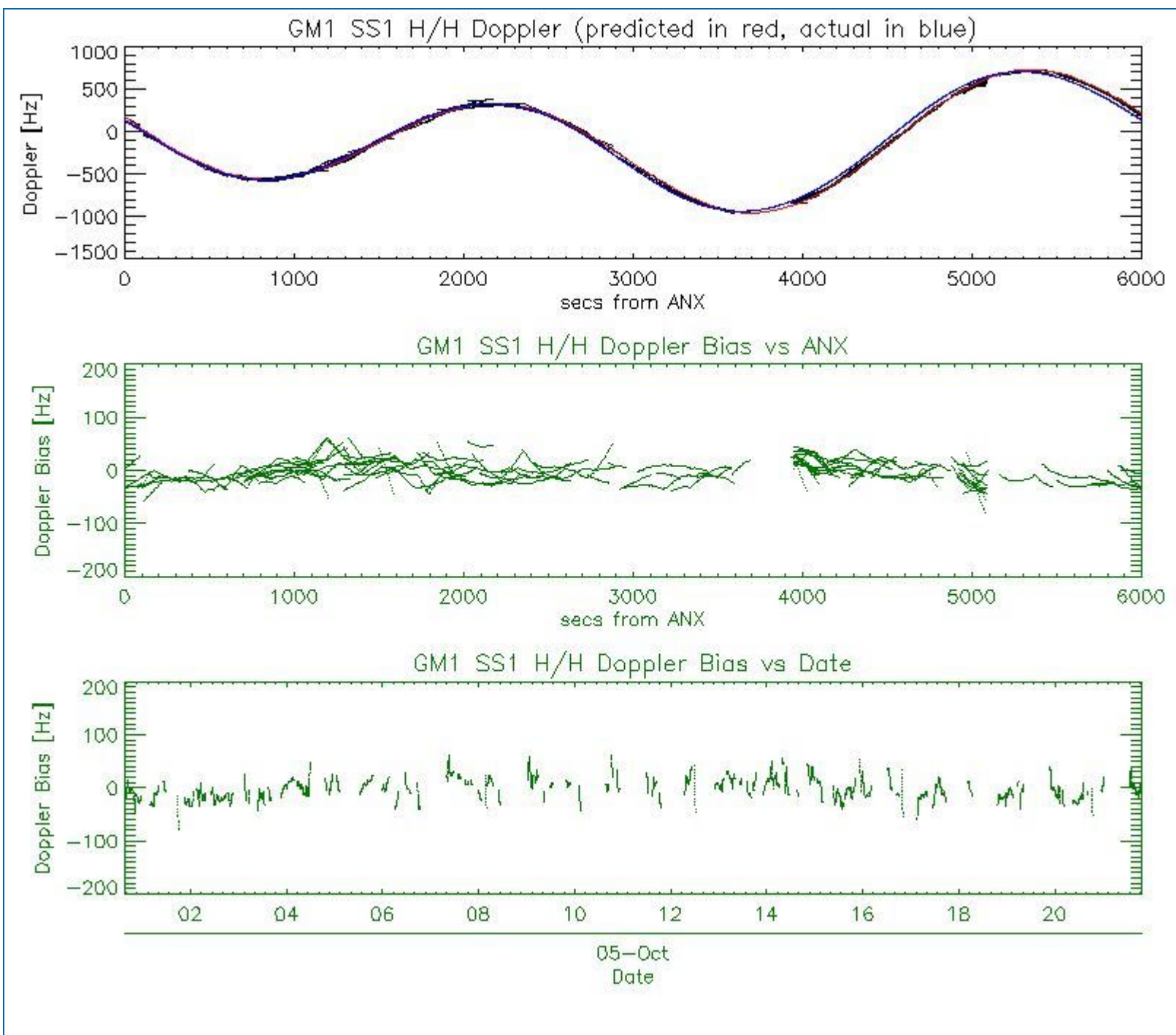




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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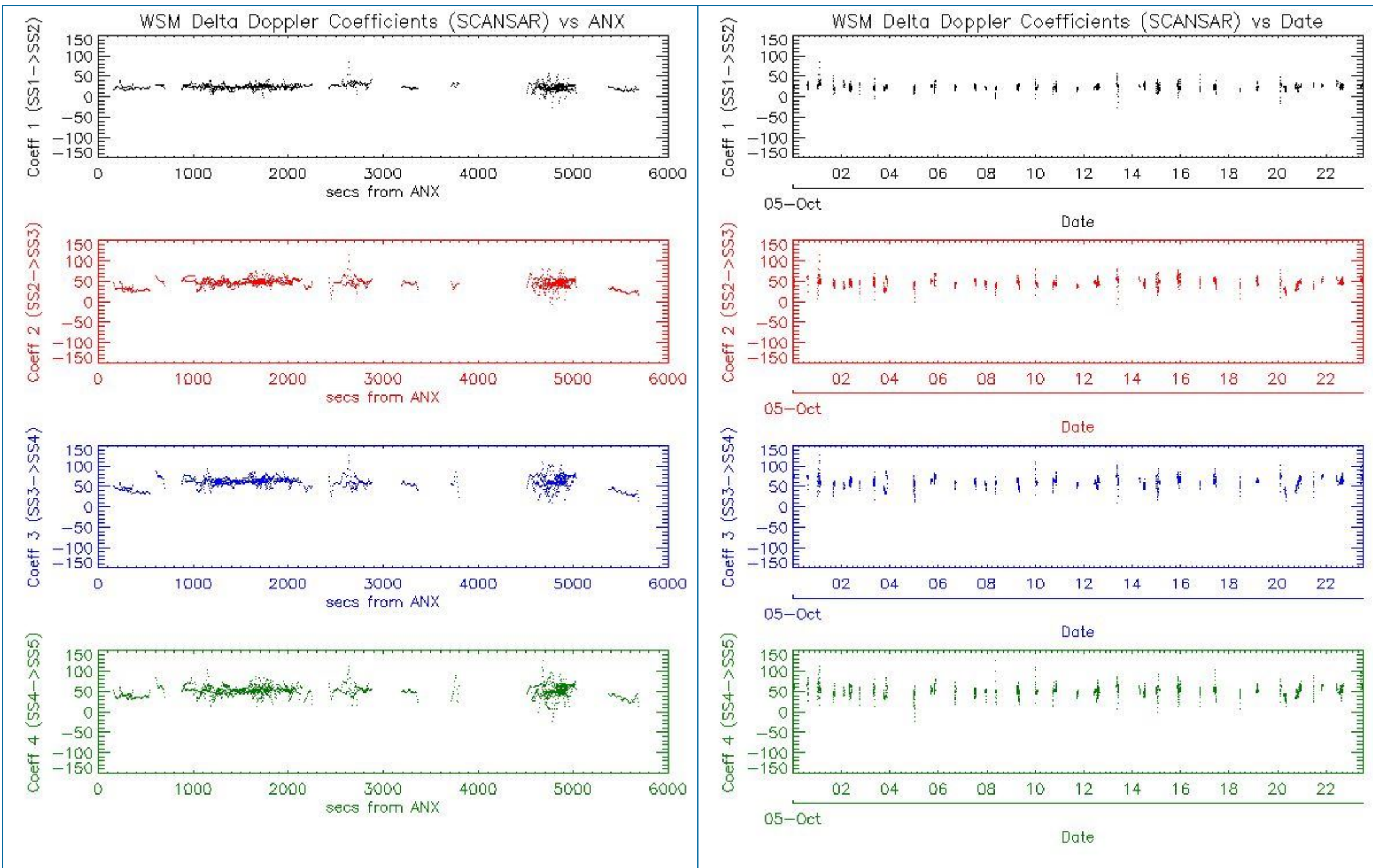


### 5.3 - Doppler JUMPS Analysis for WSM

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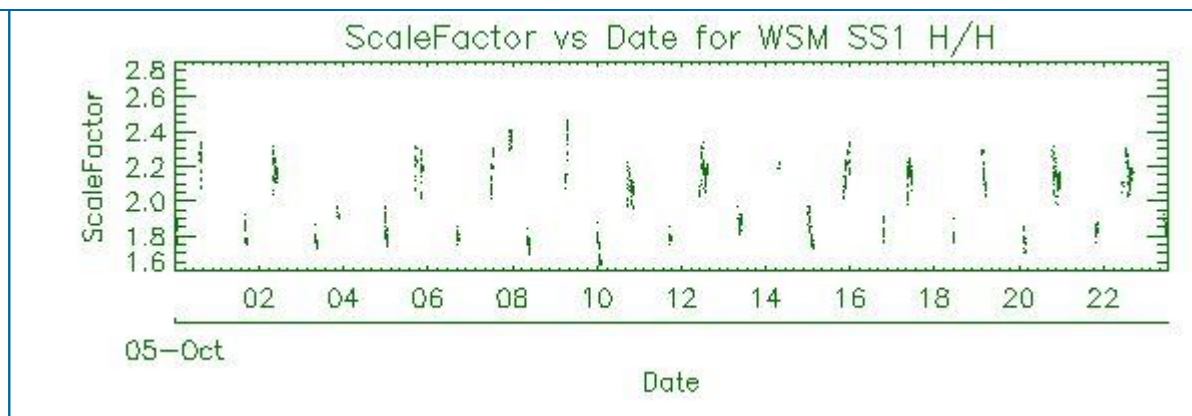
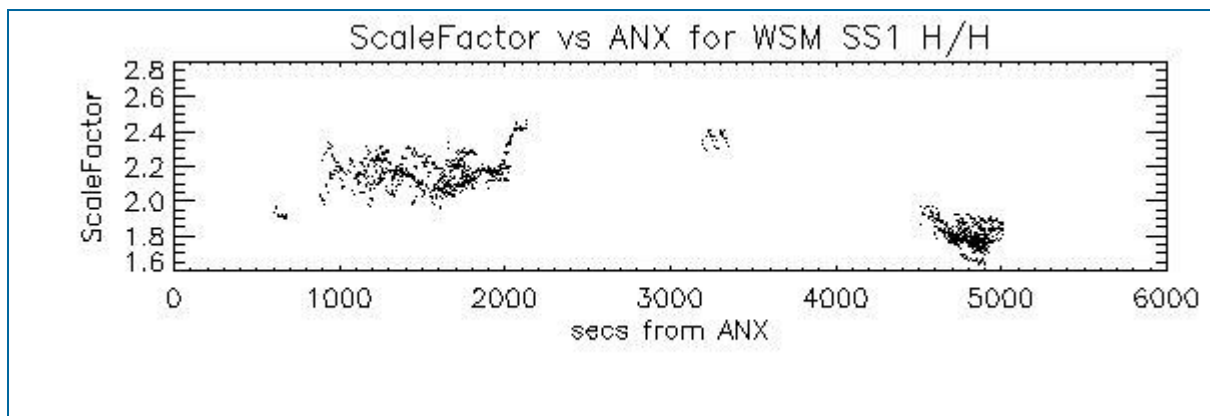
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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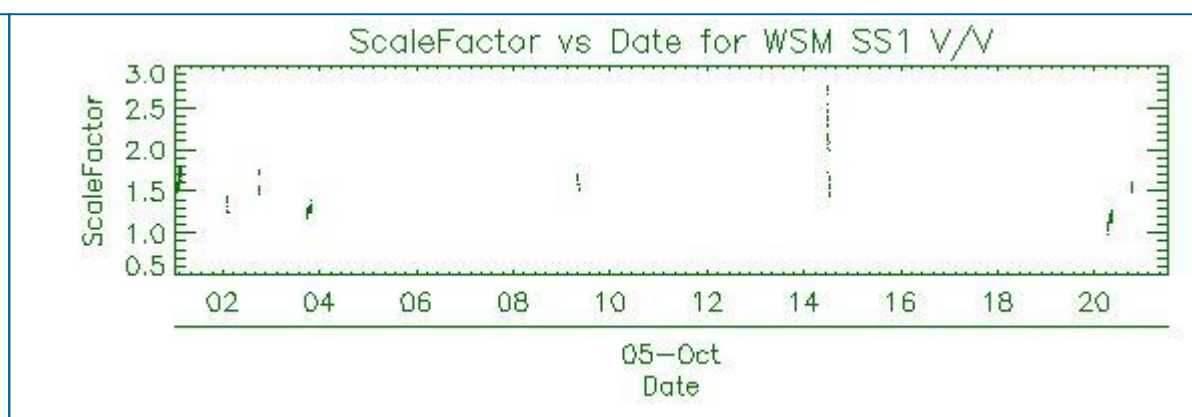
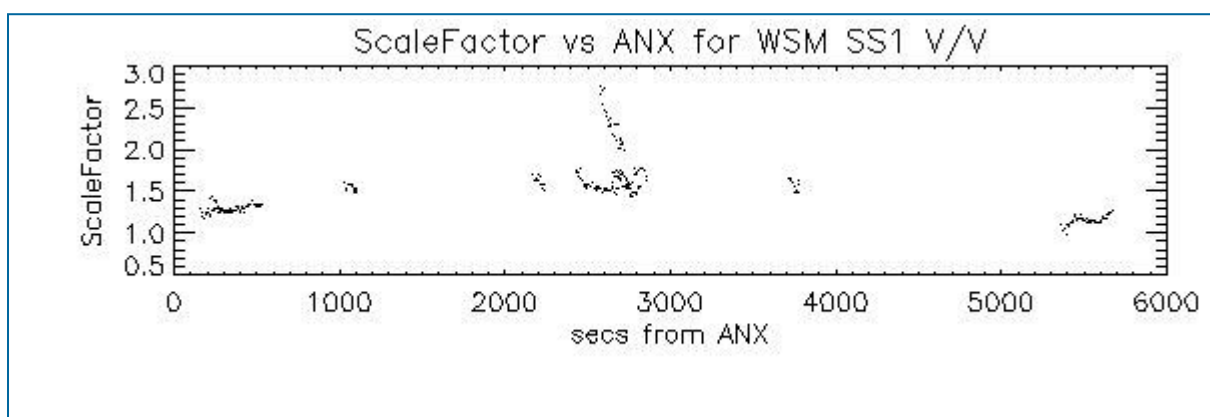




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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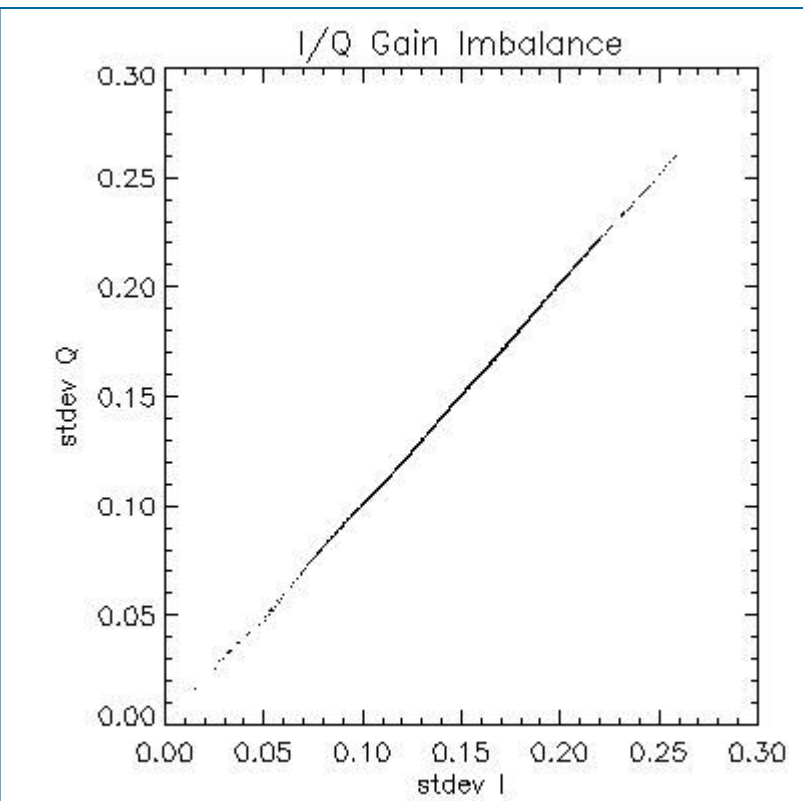
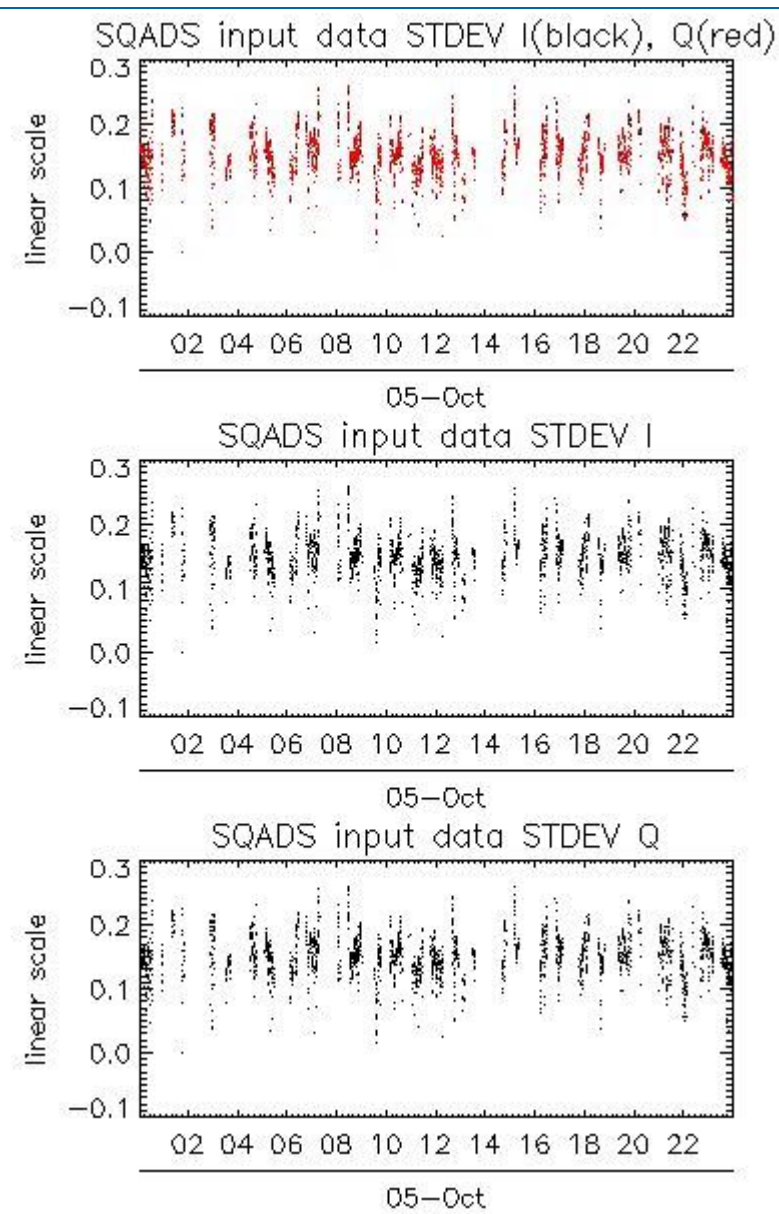
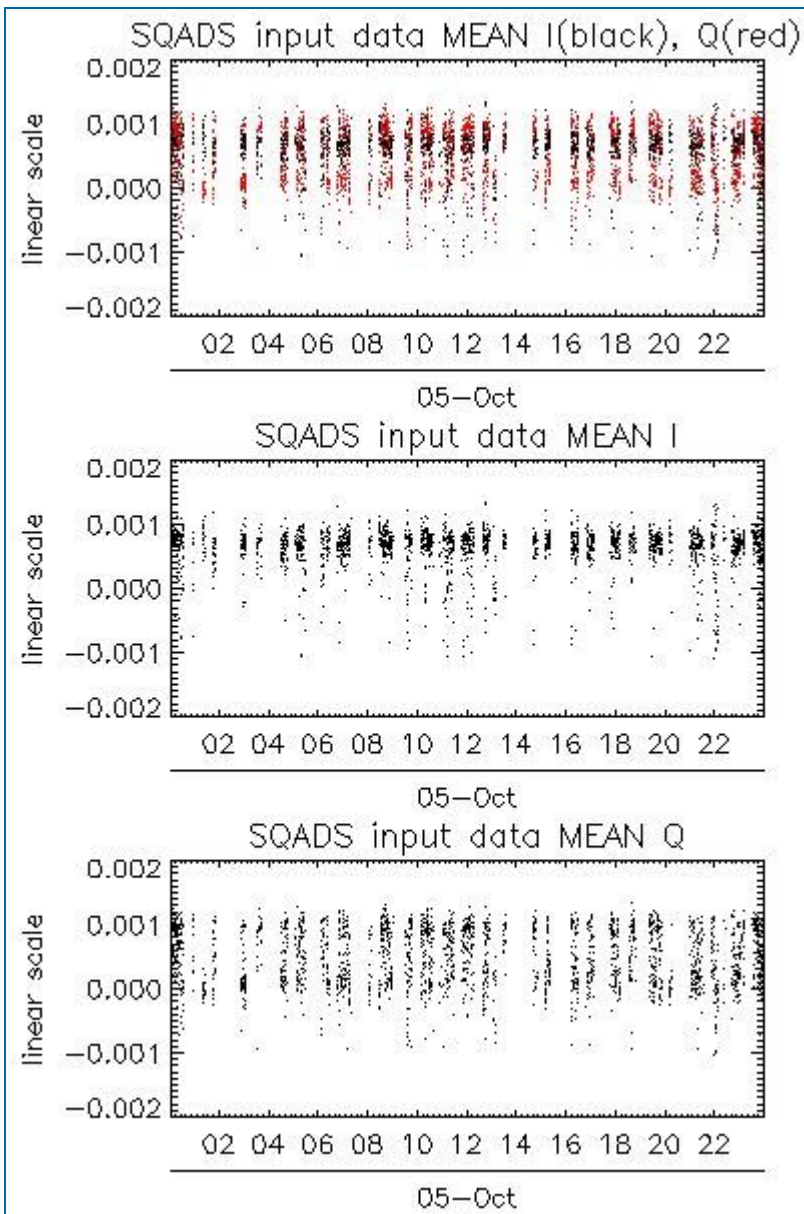
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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

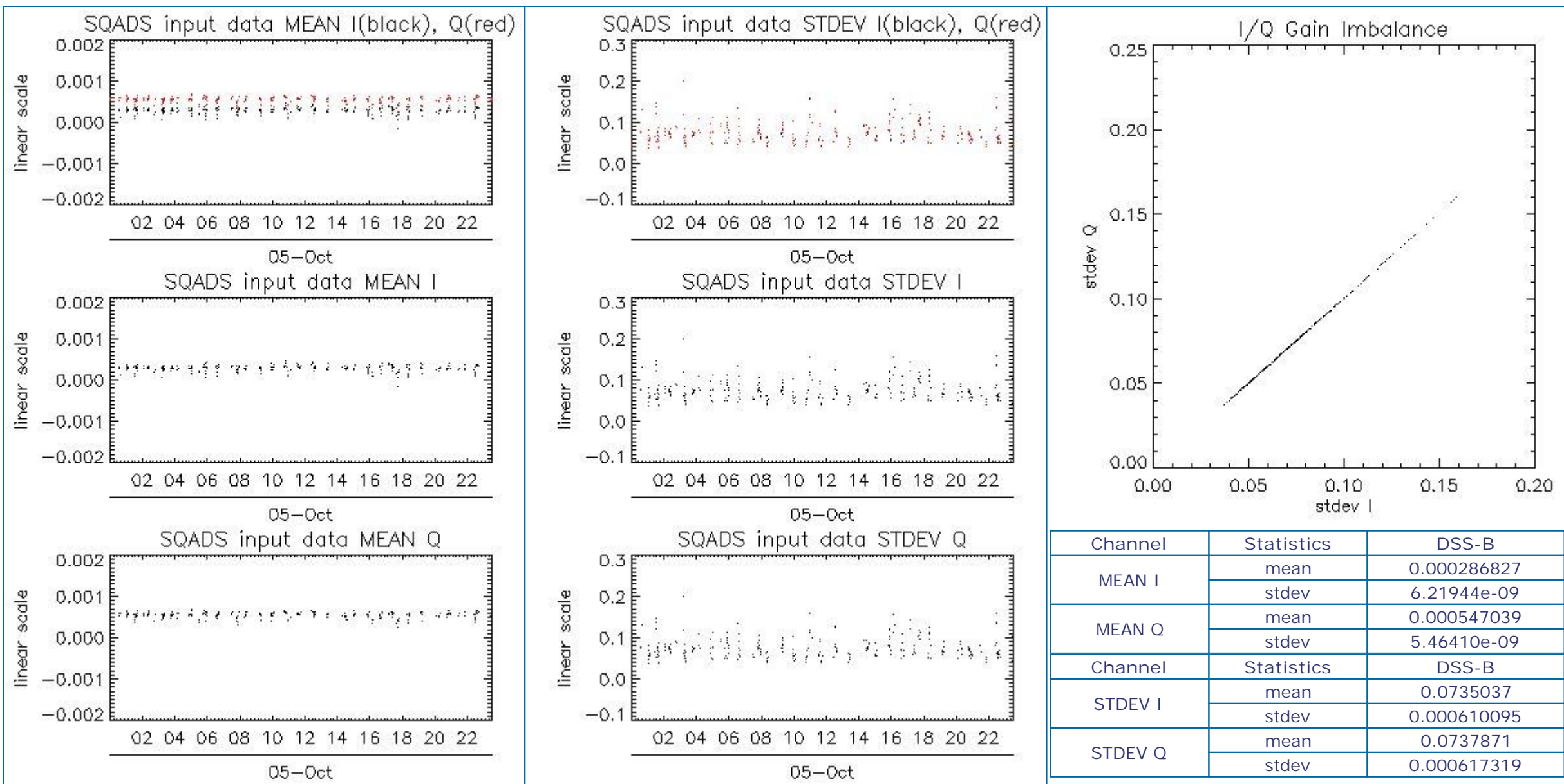




| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000617065 |
|         | stdev      | 1.22234e-07 |
| MEAN Q  | mean       | 0.000487762 |
|         | stdev      | 2.11447e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.149706    |
|         | stdev      | 0.00115349  |
| STDEV Q | mean       | 0.150254    |
|         | stdev      | 0.00117917  |

7.2 - Analysis for IMM

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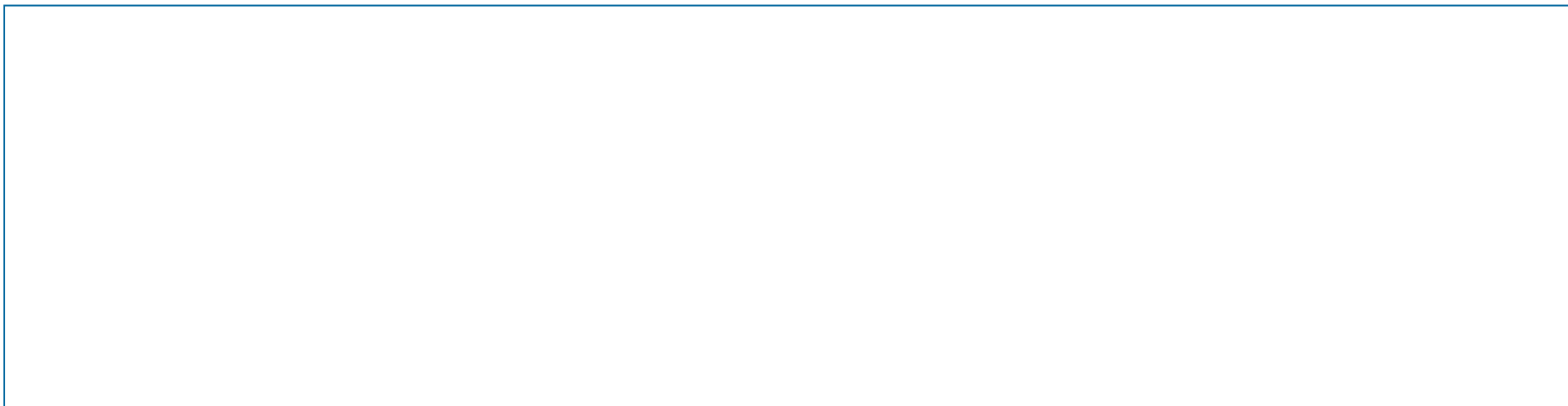


## 8 - TELEMETRY ANALYSIS

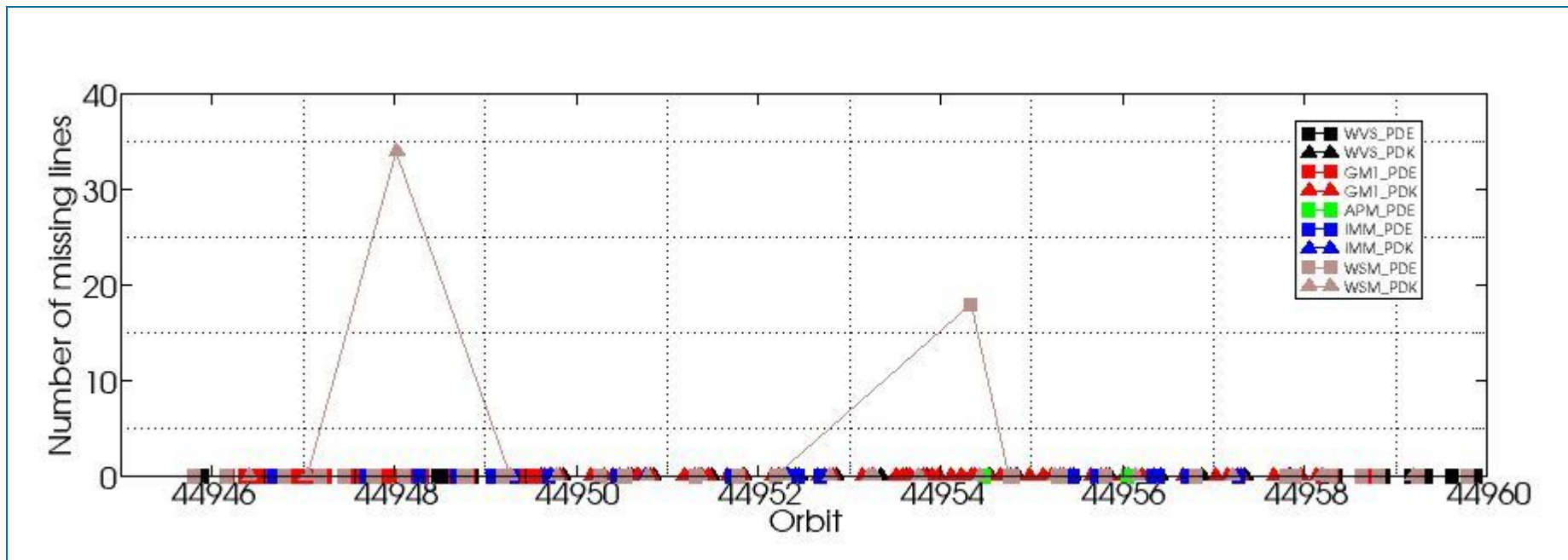
| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE               | ASA_WSM_1PNPDE20101005_141756_000000482093_00311_44954_8051.N1 | 0    | 18            |
| PDK               | ASA_WSM_1PNPDK20101005_034410_000003922093_00305_44948_7080.N1 | 0    | 34            |

### 8.1 - Number of Missing lines

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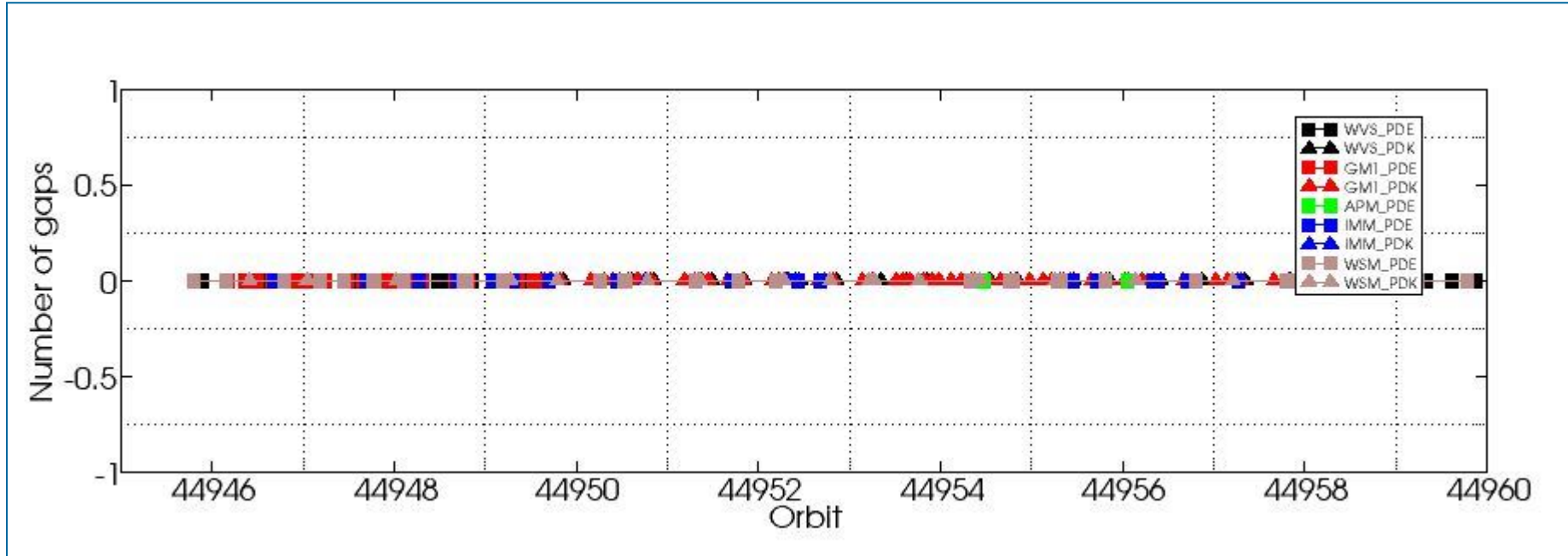






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 101005  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101005/

DATA SUMMARY

#####  
Summary will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101005/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_101005/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101005/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101005/AUXILIARY

Creating directory ./RESULTS/DAILY/\_101005/AUXILIARY...

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





ADF filter 20101005\*current\_3\_IECF\_ADFs.txt  
 Found list 20101005\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20101005_000423_000002852093_00302_44945_7877.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_000823_000015592093_00302_44945_7899.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_005744_000001342093_00303_44946_7901.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_012040_000002852093_00303_44946_7904.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_014508_000001042093_00303_44946_7905.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_014553_000003152093_00303_44946_7924.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20101005_025240_000004792093_00304_44947_7922.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20101005_061952_000001942093_00306_44949_7973.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20101005_222349_000000902093_00316_44959_8131.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20101005_224207_000013942093_00316_44959_8235.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20101005_174809_000013942093_00313_44956_7359.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



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ASA_WVS_1PNPDK20101005_201143_000002252093_00314_44957_7389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDK20101005_190228_000003142093_00314_44957_7383.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_191246_000001262093_00314_44957_7382.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_191627_000003082093_00314_44957_7384.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_195240_000008462093_00314_44957_7386.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_200913_000001442093_00314_44957_7387.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_202152_000008642093_00314_44957_7388.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101005_204022_000000902093_00315_44958_7390.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20101005_075209_000000462093_00307_44950_8000.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101005_143307_000002362093_00311_44954_8052.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101005_171209_000000452093_00313_44956_8061.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20101005_012821_000000922093_00303_44946_7895.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_013041_000004432093_00303_44946_7897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_030909_000001622093_00304_44947_7934.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_031349_000002332093_00304_44947_7938.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_040932_000001612093_00305_44948_7937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_045000_000001622093_00305_44948_7960.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_053017_000000992093_00306_44949_7965.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_055225_000003732093_00306_44949_7961.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_063122_000000922093_00306_44949_7971.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_074638_000001992093_00307_44950_7999.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_075259_000000852093_00307_44950_8001.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_095431_000003032093_00308_44951_8022.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_110758_000000542093_00309_44952_8037.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_113207_000003032093_00309_44952_8040.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101005_160647_000000682093_00312_44955_8058.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

|  |  |
|--|--|
| ASA_IMM_1PNPDE20101005_161049_000000522093_00312_44955_8059.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_163635_000003002093_00312_44955_8060.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_173952_000000672093_00313_44956_8064.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_174425_000002182093_00313_44956_8065.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_181640_000003022093_00313_44956_8066.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_182230_000002332093_00313_44956_8062.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20101005_191453_000000832093_00314_44957_8067.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101005_063452_000002332093_00306_44949_7130.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101005_081807_000000922093_00307_44950_7150.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101005_105742_000001532093_00309_44952_7192.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20101005_222824_000002032093_00316_44959_7423.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_101005/AUXILIARY/Check\_ADFs\_WSM.txt...

|  |  |
|--|--|
| ASA_WSM_1PNPDE20101005_003514_000001472093_00303_44946_7894.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_013858_000002812093_00303_44946_7911.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_021844_000004102093_00304_44947_7933.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_024452_000000922093_00304_44947_7918.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_031827_000002942093_00304_44947_7939.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_035134_000000982093_00305_44948_7940.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_045729_000002022093_00305_44948_7962.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_050111_000000922093_00305_44948_7963.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_054145_000001042093_00306_44949_7964.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_072858_000002452093_00307_44950_7998.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_075549_000001842093_00307_44950_8002.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_091440_000002692093_00308_44951_8021.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_100042_000002812093_00308_44951_8038.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_104254_000001652093_00309_44952_8039.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_141756_000000482093_00311_44954_8051.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_150013_000001532093_00311_44954_8053.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_150513_000001282093_00311_44954_8054.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_155331_000001712093_00312_44955_8056.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_155810_000000982093_00312_44955_8057.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_164616_000001282093_00312_44955_8055.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_182645_000001162093_00313_44956_8063.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_200655_000001282093_00314_44957_8068.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_201617_000003302093_00314_44957_8069.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_205253_000001282093_00315_44958_8082.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_205528_000001652093_00315_44958_8083.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_212923_000000862093_00315_44958_8084.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_214849_000001472093_00315_44958_8072.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8141.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8253.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8134.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8255.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_010046_000004532093_00303_44946_7415.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_020435_000001472093_00304_44947_7051.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_034410_000003922093_00305_44948_7080.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_054859_000002022093_00306_44949_7097.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_063959_000002022093_00306_44949_7131.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_082038_000002452093_00307_44950_7153.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_091709_000000922093_00308_44951_7163.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_091926_000000922093_00308_44951_7162.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_104743_000001282093_00309_44952_7180.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_105033_000001222093_00309_44952_7189.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_114223_000001842093_00309_44952_7243.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_122625_000001772093_00310_44953_7215.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_123113_000004472093_00310_44953_7232.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_132058_000003302093_00310_44953_7251.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_142800_000002692093_00311_44954_7289.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_155110_000002142093_00312_44955_7292.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20101005_172057_000004102093_00313_44956_7341.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



```
ASA_WSM_1PNPDK20101005_190747_000002942093_00314_44957_7368.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101005_204443_000000922093_00315_44958_7391.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101005_204745_000002452093_00315_44958_7396.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101005_222635_000000862093_00316_44959_7422.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_101005/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_101005/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_101005/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101005/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/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

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

H

H

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20101005\_080956-20010209\_135042.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20101005\_080956-20010209\_135042.png

Polarization: V

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

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

V

V

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20101004\_084133-20010209\_140823.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20101004\_084133-20010209\_140823.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20101004\_084133-20010209\_140823.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20101004\_084133-20010209\_140823.png

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\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

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

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

H

H

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20101005\_080956-20101004\_015910.png

../../RESULTS/DAILY/\_101005/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20101005\_080956-20101004\_015910.png

Polarization: V

Reference product: ASA\_MS\_\_0PNPDE20101003\_023047\_000000162093\_00275\_44918\_0573.N1

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

```
V
V
../../RESULTS/DAILY/_101005/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101004_084133-20101003_023047.png
../../RESULTS/DAILY/_101005/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101004_084133-20101003_023047.png
../../RESULTS/DAILY/_101005/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101004_084133-20101003_023047.png
../../RESULTS/DAILY/_101005/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101004_084133-20101003_023047.png
```

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

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101005/CALIBRATION_PULSES...
```

```
*****
*****
ALL ROWS Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59
```

```
Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...
```

```
*****
*****
TEMPORAL EVOLUTION Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-05_1.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-05_2.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-05_3.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-05_4.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...
```

```
Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-05_1.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101005/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-05_2.dat...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_101005//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...
```



Getting calibration pulses data for GM1 SS3 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_101005/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-05\_3.dat...  
Writing ../../RESULTS/DAILY/\_101005//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_101005//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_101005/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-10-05\_4.dat...  
Writing ../../RESULTS/DAILY/\_101005//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_101005//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_101005/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-10-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101005/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-10-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101005/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-05 00:00:00 to 2010-10-05 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-10-05.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101005/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_101005/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59

Analysing products WVS IS2 V/V  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.902553 Hz  
Writing file ../../RESULTS/DAILY/\_101005//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_101005//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -27.034100 Hz
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
*****
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = 1.7267918 Hz
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -6.2849604 Hz
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101005//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101005/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...
Writing file ./RESULTS/DAILY/_101005/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101005/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101005/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...
Writing file ./RESULTS/DAILY/_101005/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101005/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101005/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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



RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101005/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_101005/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_WVS\_2010-10-05.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2010-10-05 00:00:00 to 2010-10-05 23:59:59...  
Writing file ./RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_IMM\_2010-10-05.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101005/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-10-05 00:00:00 to 2010-10-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101005/TELEMETRY

Creating directory ./RESULTS/DAILY/\_101005/TELEMETRY...

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

\*\*\*\*\*  
Checking 30 products from PDE...  
Checking 21 products from PDK...

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

\*\*\*\*\*  
Checking 27 products from PDE...  
Checking 61 products from PDK...

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

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

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

\*\*\*\*\*  
Checking 22 products from PDE...  
Checking 4 products from PDK...

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

\*\*\*\*\*  
Checking 32 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20101005\_141756\_00000482093\_00311\_44954\_8051.N1 / 0 gaps / 18 missing lines  
Checking 21 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20101005\_034410\_000003922093\_00305\_44948\_7080.N1 / 0 gaps / 34 missing lines

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_101005/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_101005/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_101005/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_1PNPDE20101005_075209_000000462093_00307_44950_8000.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20101005_143307_000002362093_00311_44954_8052.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20101005_171209_000000452093_00313_44956_8061.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_1PNPDE20101005_003747_000010212093_00303_44946_7900.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_005539_000001202093_00303_44946_7898.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_010935_000006282093_00303_44946_7902.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_012602_000001382093_00303_44946_7903.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_014341_000000782093_00303_44946_7906.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_015156_000007552093_00303_44946_7928.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_020707_000006892093_00304_44947_7927.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_022538_000011482093_00304_44947_7926.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_024623_000001322093_00304_44947_7925.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_024938_000001812093_00304_44947_7923.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_030639_000001502093_00304_44947_7943.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_031204_000001022093_00304_44947_7942.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_032320_000001502093_00304_44947_7941.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_032656_000003202093_00304_44947_7955.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_033731_000002232093_00304_44947_7956.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_035316_000009792093_00305_44948_7952.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_041222_000010272093_00305_44948_7947.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_044716_000001632093_00305_44948_7967.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_045251_000002712093_00305_44948_7966.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_050248_000002112093_00305_44948_7981.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_053207_000005732093_00306_44949_7980.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_054336_000003142093_00306_44949_7978.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_055847_000005372093_00306_44949_7976.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_061548_000002412093_00306_44949_7974.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_204621_000000722093_00315_44958_8070.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_205815_000001872093_00315_44958_8073.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20101005_213316_000009242093_00315_44958_8075.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_062754_000002112093_00306_44949_7117.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_063307_000001022093_00306_44949_7118.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_064326_000002052093_00306_44949_7120.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_071915_000005792093_00307_44950_7122.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_073318_000002832093_00307_44950_7143.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_074246_000002352093_00307_44950_7142.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_075010_000001142093_00307_44950_7144.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_075858_000002232093_00307_44950_7145.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_080830_000000782093_00307_44950_7146.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_081113_000004162093_00307_44950_7147.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_082443_000001632093_00307_44950_7149.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_090108_000007312093_00308_44951_7152.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_091237_000001142093_00308_44951_7175.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_092100_000000662093_00308_44951_7176.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_092812_000002412093_00308_44951_7177.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_094906_000003262093_00308_44951_7178.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_100523_000001632093_00308_44951_7181.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_103910_000002172093_00309_44952_7182.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_104548_000001022093_00309_44952_7183.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_105239_000002052093_00309_44952_7207.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_112938_000001502093_00309_44952_7208.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_113719_000002952093_00309_44952_7209.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_114541_000001812093_00309_44952_7211.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_121742_000005192093_00310_44953_7212.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_122930_000000902093_00310_44953_7220.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_125454_000005492093_00310_44953_7236.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_130411_000001082093_00310_44953_7238.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_131000_000006282093_00310_44953_7237.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_132632_000001632093_00310_44953_7239.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_133443_000003922093_00310_44953_7241.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_134212_000002652093_00310_44953_7242.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_135606_000008162093_00311_44954_7247.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_140825_000004772093_00311_44954_7271.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_141848_000001502093_00311_44954_7273.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_142218_000003382093_00311_44954_7274.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_143719_000001442093_00311_44954_7275.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_145052_000005552093_00311_44954_7278.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20101005_150249_000001322093_00311_44954_7277.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_150727_000001442093_00311_44954_7280.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_152312_000007552093_00311_44954_7281.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_153728_000006282093_00312_44955_7283.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_154708_000002352093_00312_44955_7325.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_155624_000000962093_00312_44955_7326.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_155951_000004162093_00312_44955_7327.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_160803_000001692093_00312_44955_7328.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_163128_000003082093_00312_44955_7330.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_164145_000002652093_00312_44955_7329.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_164828_000001142093_00312_44955_7333.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_170804_000002472093_00313_44956_7332.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_171316_000004532093_00313_44956_7334.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_172752_000007192093_00313_44956_7357.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_174110_000001932093_00313_44956_7358.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_181203_000002772093_00313_44956_7360.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_184832_000009122093_00314_44957_7361.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_190228_000003142093_00314_44957_7383.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_191246_000001262093_00314_44957_7382.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_191627_000003082093_00314_44957_7384.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_195240_000008462093_00314_44957_7386.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_200913_000001442093_00314_44957_7387.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_202152_000008642093_00314_44957_7388.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20101005_204022_000000902093_00315_44958_7390.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_1PNPDE20101005_012821_000000922093_00303_44946_7895.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_013041_000004432093_00303_44946_7897.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_030909_000001622093_00304_44947_7934.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_031349_000002332093_00304_44947_7938.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_040932_000001612093_00305_44948_7937.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_045000_000001622093_00305_44948_7960.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_053017_000000992093_00306_44949_7965.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_055225_000003732093_00306_44949_7961.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_063122_000000922093_00306_44949_7971.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_074638_000001992093_00307_44950_7999.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_075259_000000852093_00307_44950_8001.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_095431_000003032093_00308_44951_8022.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_110758_000000542093_00309_44952_8037.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_113207_000003032093_00309_44952_8040.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_160647_000000682093_00312_44955_8058.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_161049_000000522093_00312_44955_8059.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_163635_000003002093_00312_44955_8060.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_173952_000000672093_00313_44956_8064.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_174425_000002182093_00313_44956_8065.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_181640_000003022093_00313_44956_8066.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_182230_000002332093_00313_44956_8062.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20101005_191453_000000832093_00314_44957_8067.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101005_063452_000002332093_00306_44949_7130.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101005_081807_000000922093_00307_44950_7150.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101005_105742_000001532093_00309_44952_7192.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20101005_222824_000002032093_00316_44959_7423.N1 |         |         |         |         | OK | OK | OK | OK |

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

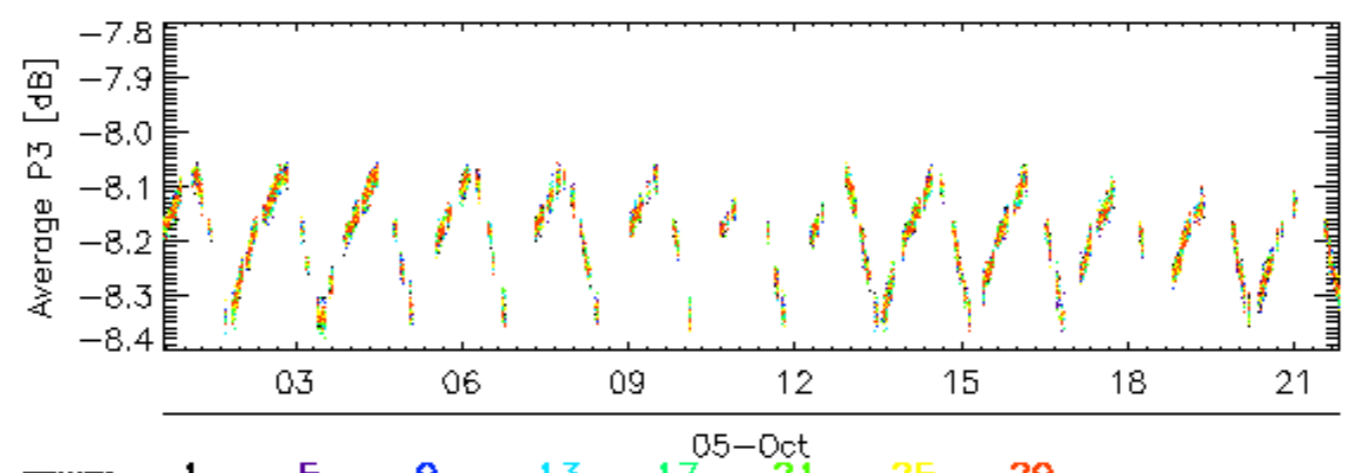
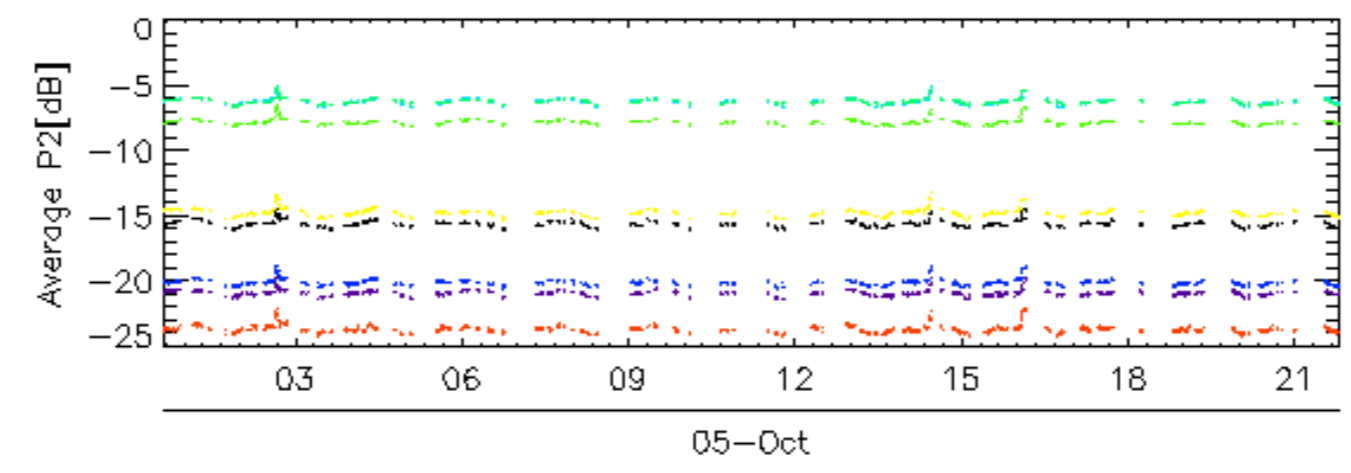
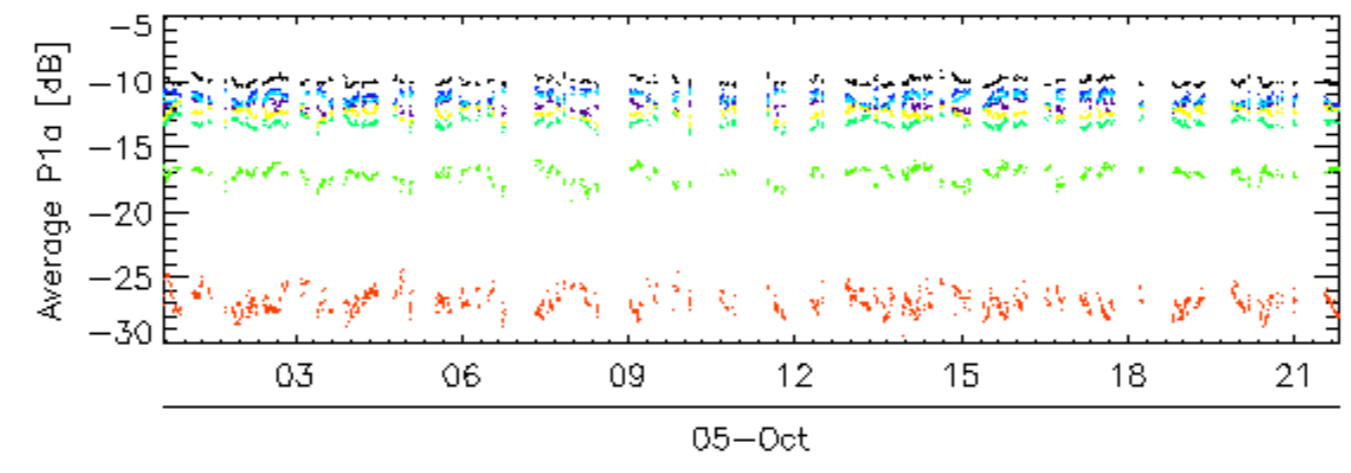
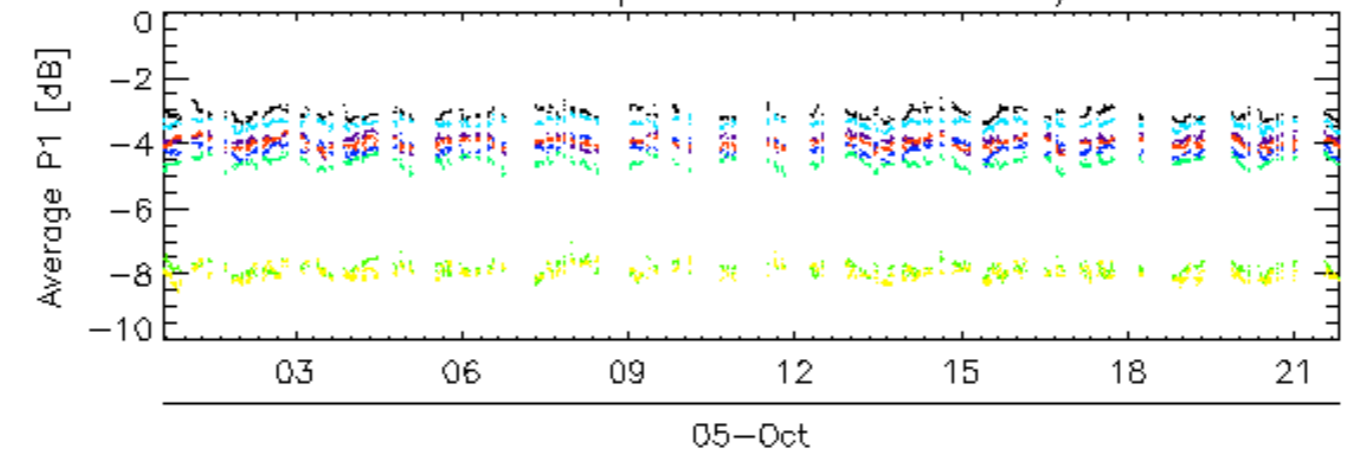
| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20101005_003514_000001472093_00303_44946_7894.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_013858_000002812093_00303_44946_7911.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_021844_000004102093_00304_44947_7933.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_024452_000000922093_00304_44947_7918.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_031827_000002942093_00304_44947_7939.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_035134_000000982093_00305_44948_7940.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_045729_000002022093_00305_44948_7962.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_050111_000000922093_00305_44948_7963.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_054145_000001042093_00306_44949_7964.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_072858_000002452093_00307_44950_7998.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_075549_000001842093_00307_44950_8002.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_091440_000002692093_00308_44951_8021.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_100042_000002812093_00308_44951_8038.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_104254_000001652093_00309_44952_8039.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_141756_000000482093_00311_44954_8051.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_150013_000001532093_00311_44954_8053.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_150513_000001282093_00311_44954_8054.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_155331_000001712093_00312_44955_8056.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_155810_000000982093_00312_44955_8057.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_164616_000001282093_00312_44955_8055.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_182645_000001162093_00313_44956_8063.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_200655_000001282093_00314_44957_8068.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_201617_000003302093_00314_44957_8069.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_205253_000001282093_00315_44958_8082.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_205528_000001652093_00315_44958_8083.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_212923_000000862093_00315_44958_8084.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_214849_000001472093_00315_44958_8072.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8141.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8253.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8134.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8255.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_010046_000004532093_00303_44946_7415.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_020435_000001472093_00304_44947_7051.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_034410_000003922093_00305_44948_7080.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_054859_000002022093_00306_44949_7097.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_063959_000002022093_00306_44949_7131.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_082038_000002452093_00307_44950_7153.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_091709_000000922093_00308_44951_7163.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_091926_000000922093_00308_44951_7162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_104743_000001282093_00309_44952_7180.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_105033_000001222093_00309_44952_7189.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_114223_000001842093_00309_44952_7243.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_122625_000001772093_00310_44953_7215.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_123113_000004472093_00310_44953_7232.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_132058_000003302093_00310_44953_7251.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_142800_000002692093_00311_44954_7289.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_155110_000002142093_00312_44955_7292.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_172057_000004102093_00313_44956_7341.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_190747_000002942093_00314_44957_7368.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_204443_000000922093_00315_44958_7391.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_204745_000002452093_00315_44958_7396.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20101005_222635_000000862093_00316_44959_7422.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_1PNPDE20101005_000423_000002852093_00302_44945_7877.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_000823_000015592093_00302_44945_7899.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_005744_000001342093_00303_44946_7901.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_012040_000002852093_00303_44946_7904.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_014508_000001042093_00303_44946_7905.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_014553_000003152093_00303_44946_7924.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_025240_000004792093_00304_44947_7922.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_030025_000003302093_00304_44947_7954.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_033221_000002692093_00304_44947_7953.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_034114_000001192093_00304_44947_7951.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_042930_000007942093_00305_44948_7948.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_044230_000002402093_00305_44948_7979.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_050620_000013342093_00305_44948_7977.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_060745_000004342093_00306_44949_7975.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_061952_000001942093_00306_44949_7973.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_210122_000016342093_00315_44958_8071.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_213051_000001052093_00315_44958_8074.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_215210_000001202093_00315_44958_8076.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_215310_000009292093_00315_44958_8130.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_215310_000009292093_00315_44958_8245.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_222349_000000902093_00316_44959_8131.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_222349_000000902093_00316_44959_8236.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_224207_000013942093_00316_44959_8135.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_224207_000013942093_00316_44959_8235.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_230921_000002252093_00316_44959_8137.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_230921_000002252093_00316_44959_8234.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_233246_000001942093_00316_44959_8139.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_233246_000001942093_00316_44959_8233.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_233501_000017542093_00316_44959_8145.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20101005_233501_000017542093_00316_44959_8238.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_062252_000002552093_00306_44949_7119.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_064656_000018892093_00306_44949_7121.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_080301_000002852093_00307_44950_7148.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_082732_000019792093_00307_44950_7151.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_093216_000009592093_00308_44951_7179.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_100808_000018142093_00308_44951_7184.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_105604_000000602093_00309_44952_7205.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_110358_000001942093_00309_44952_7206.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_110857_000011992093_00309_44952_7210.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_114843_000016942093_00309_44952_7219.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_123836_000009292093_00310_44953_7235.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_130605_000001952093_00310_44953_7240.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_132919_000002852093_00310_44953_7244.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_143950_000006142093_00311_44954_7276.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_150955_000007492093_00311_44954_7286.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_161148_000011392093_00312_44955_7331.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_165031_000010042093_00312_44955_7335.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_174809_000013942093_00313_44956_7359.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_183356_000008392093_00313_44956_7362.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_192134_000018292093_00314_44957_7385.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20101005_201143_000002252093_00314_44957_7389.N1 |         |         |         |         | OK | OK | OK | OK |

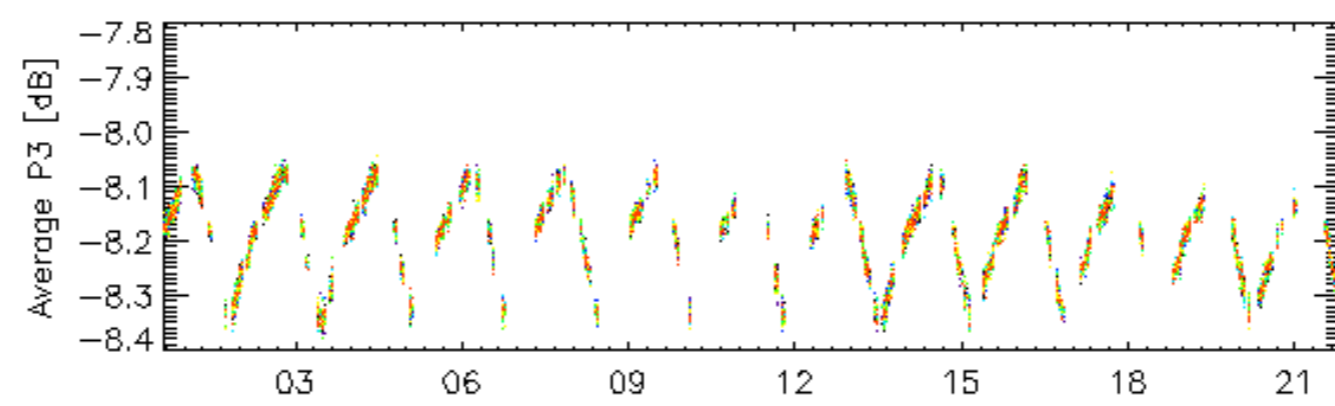
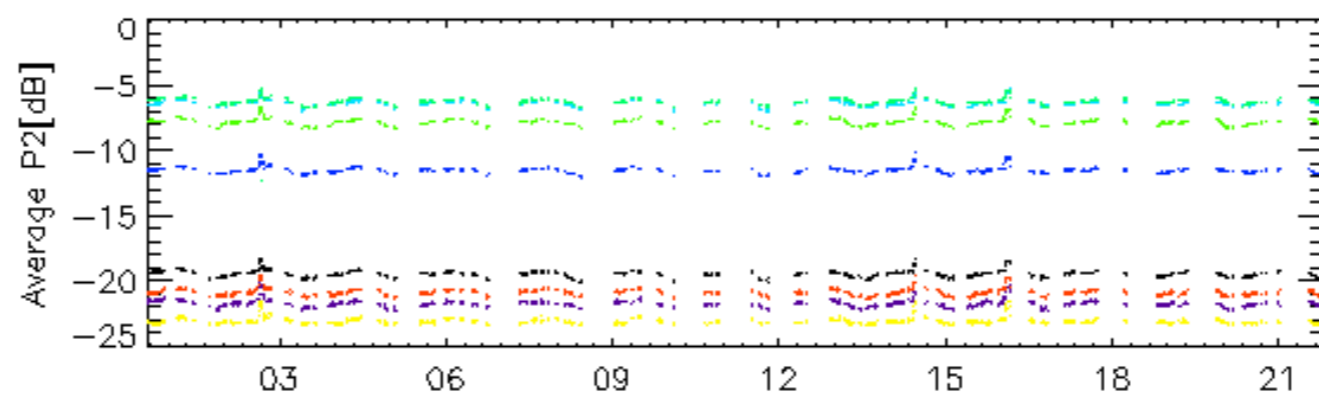
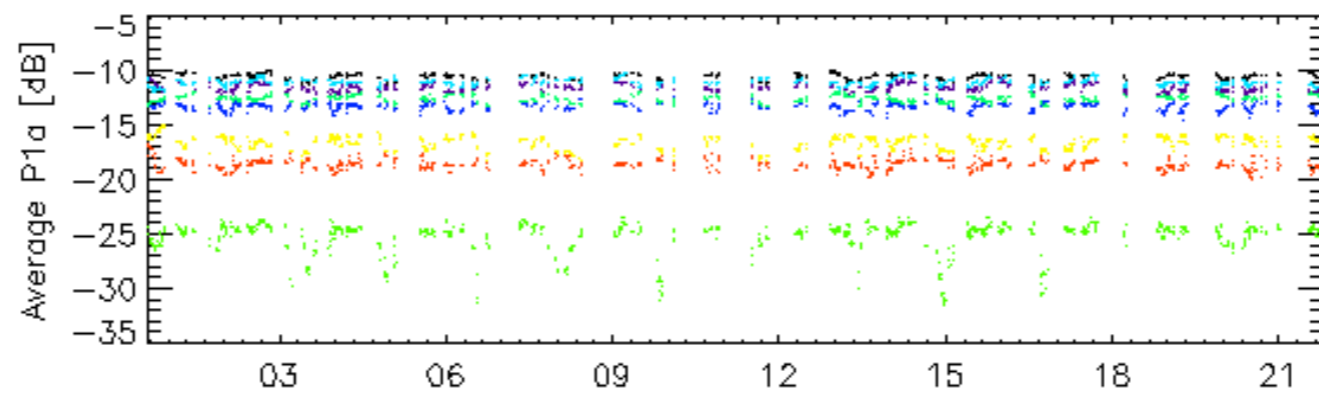
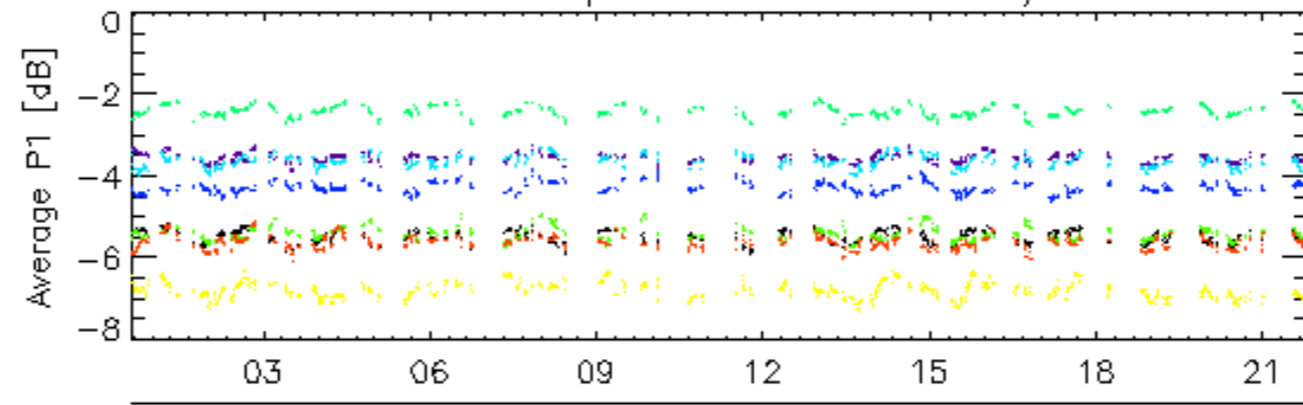


### Calibration pulses for GM1 SS3 H/H



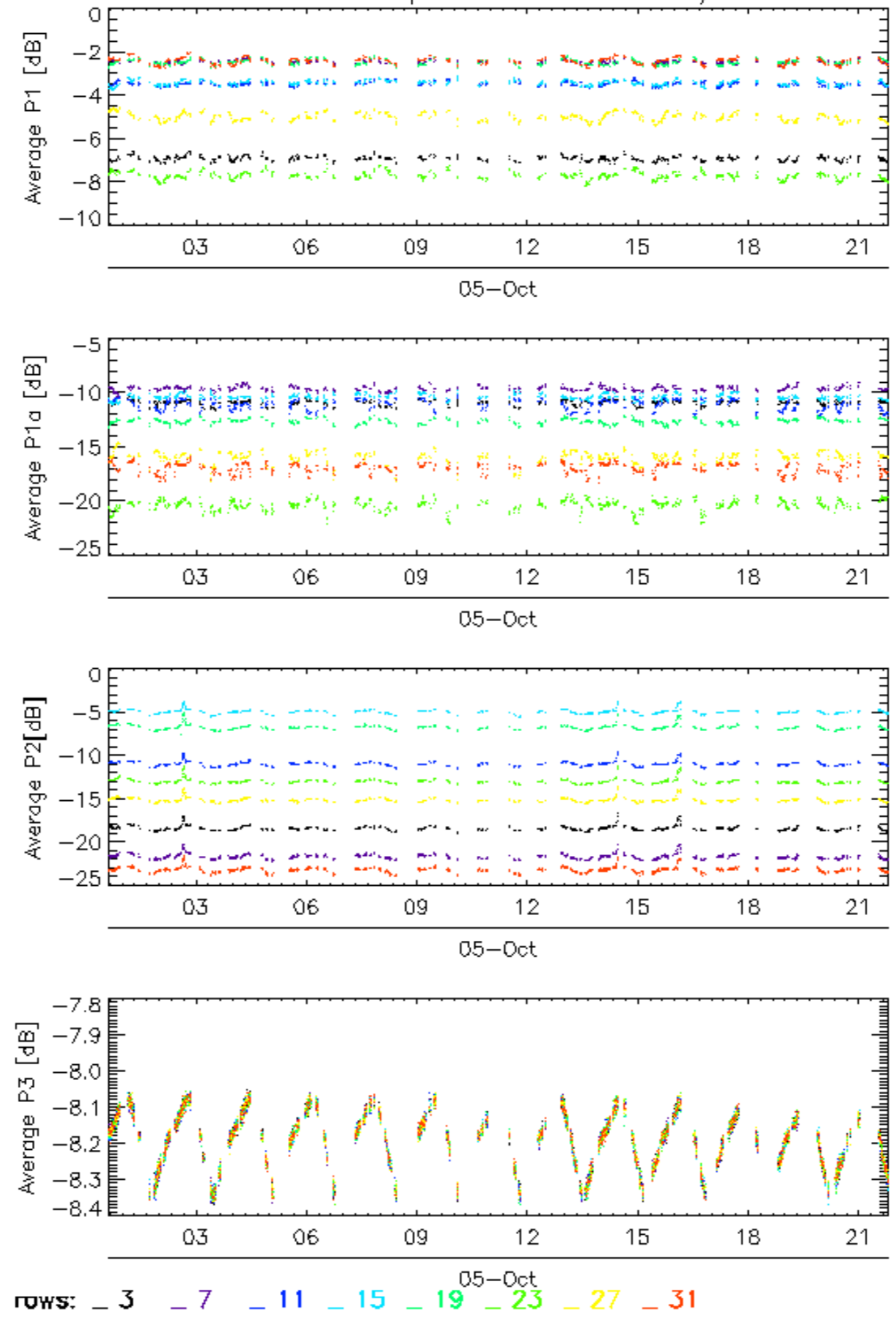
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### Calibration pulses for GM1 SS3 H/H



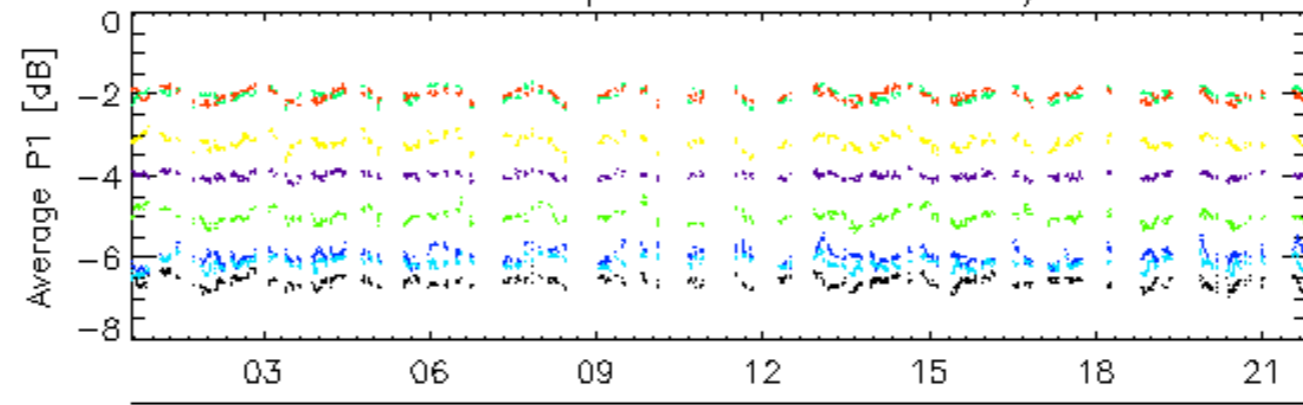
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### Calibration pulses for GM1 SS3 H/H

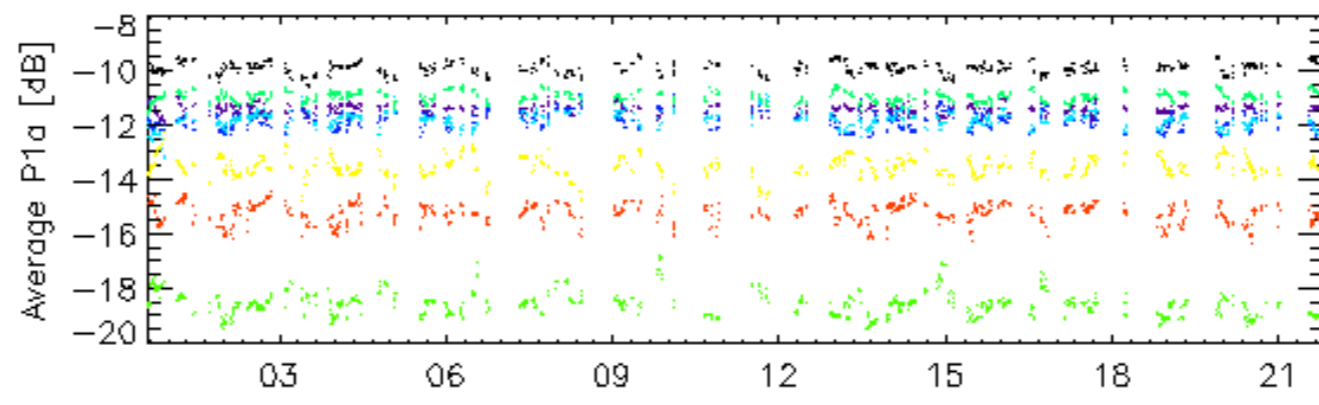




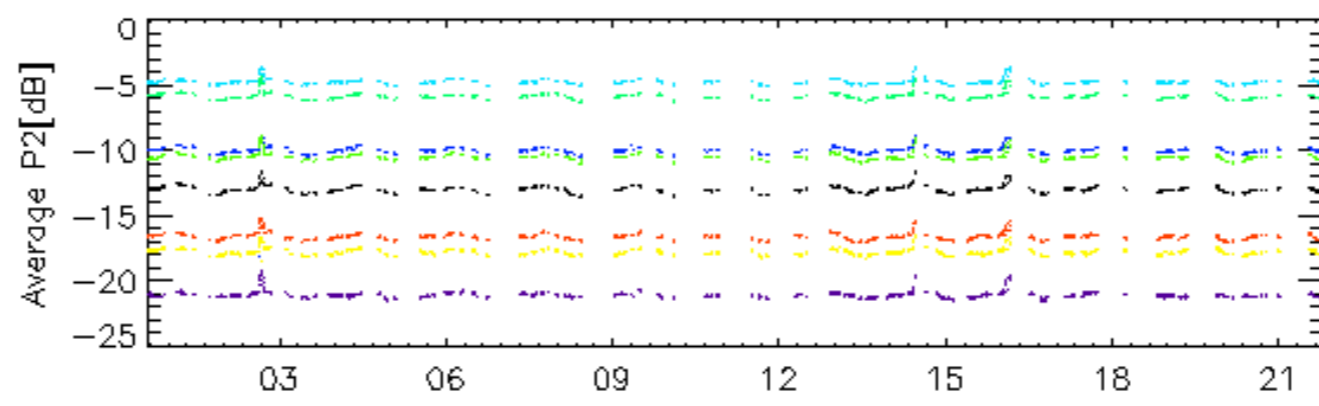
Calibration pulses for GM1 SS3 H/H



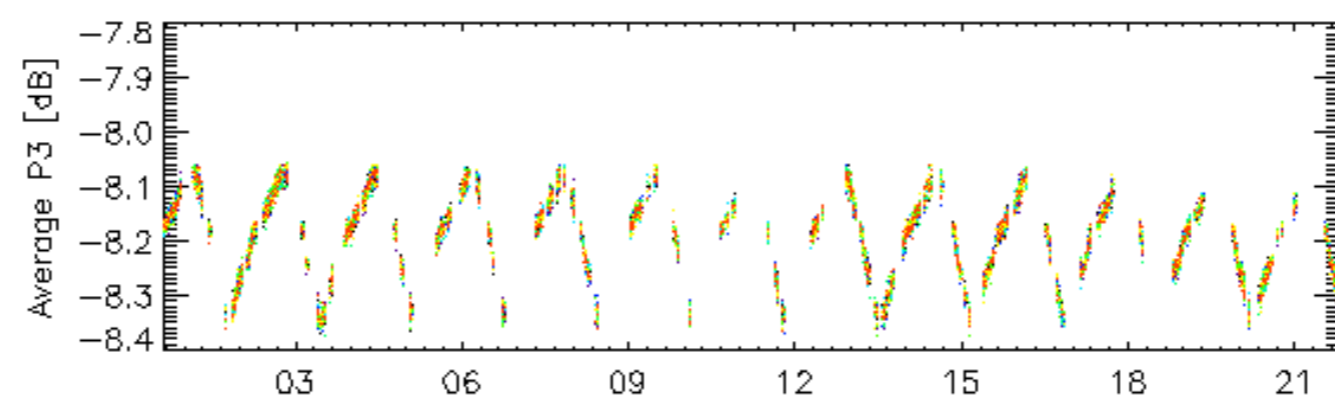
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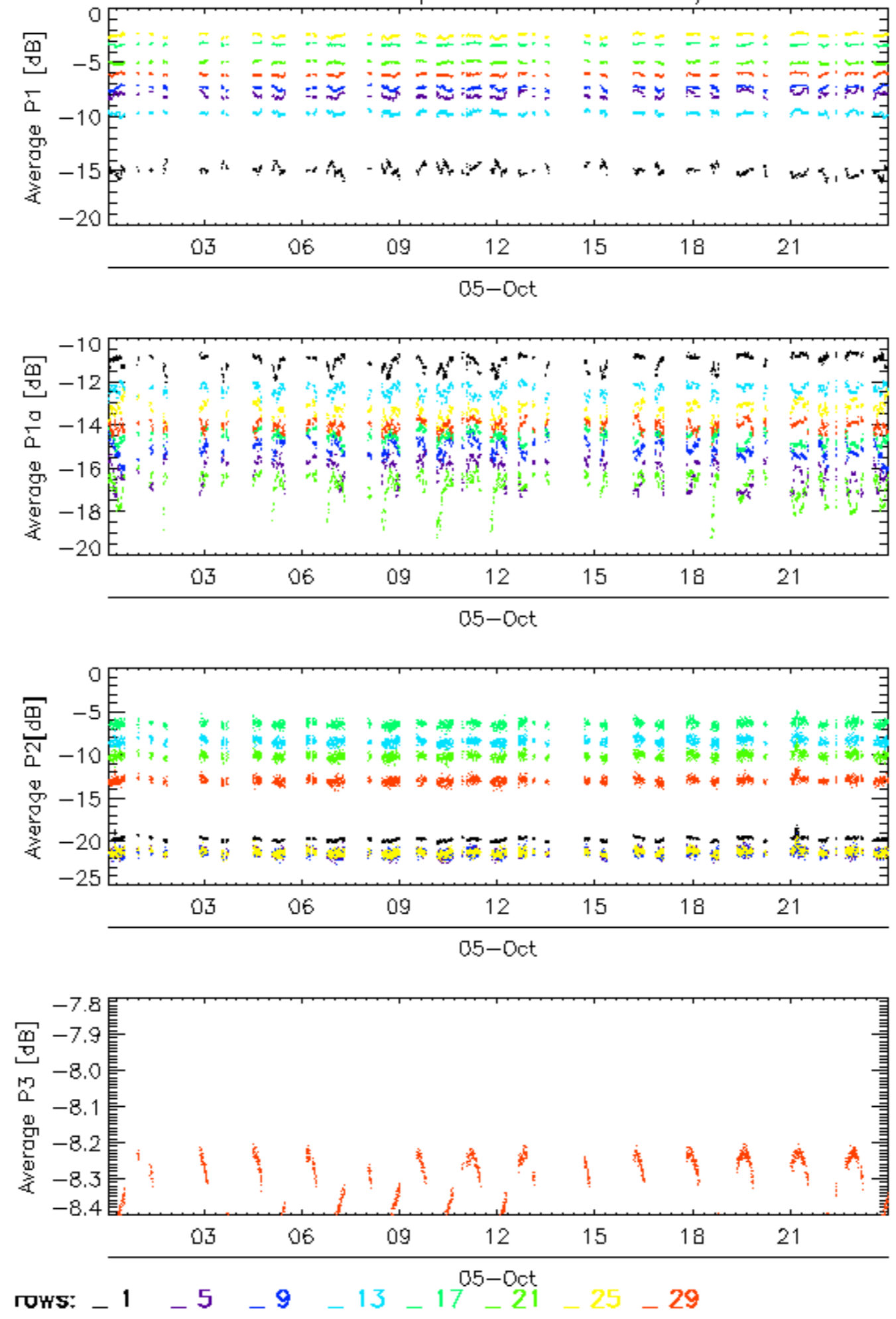
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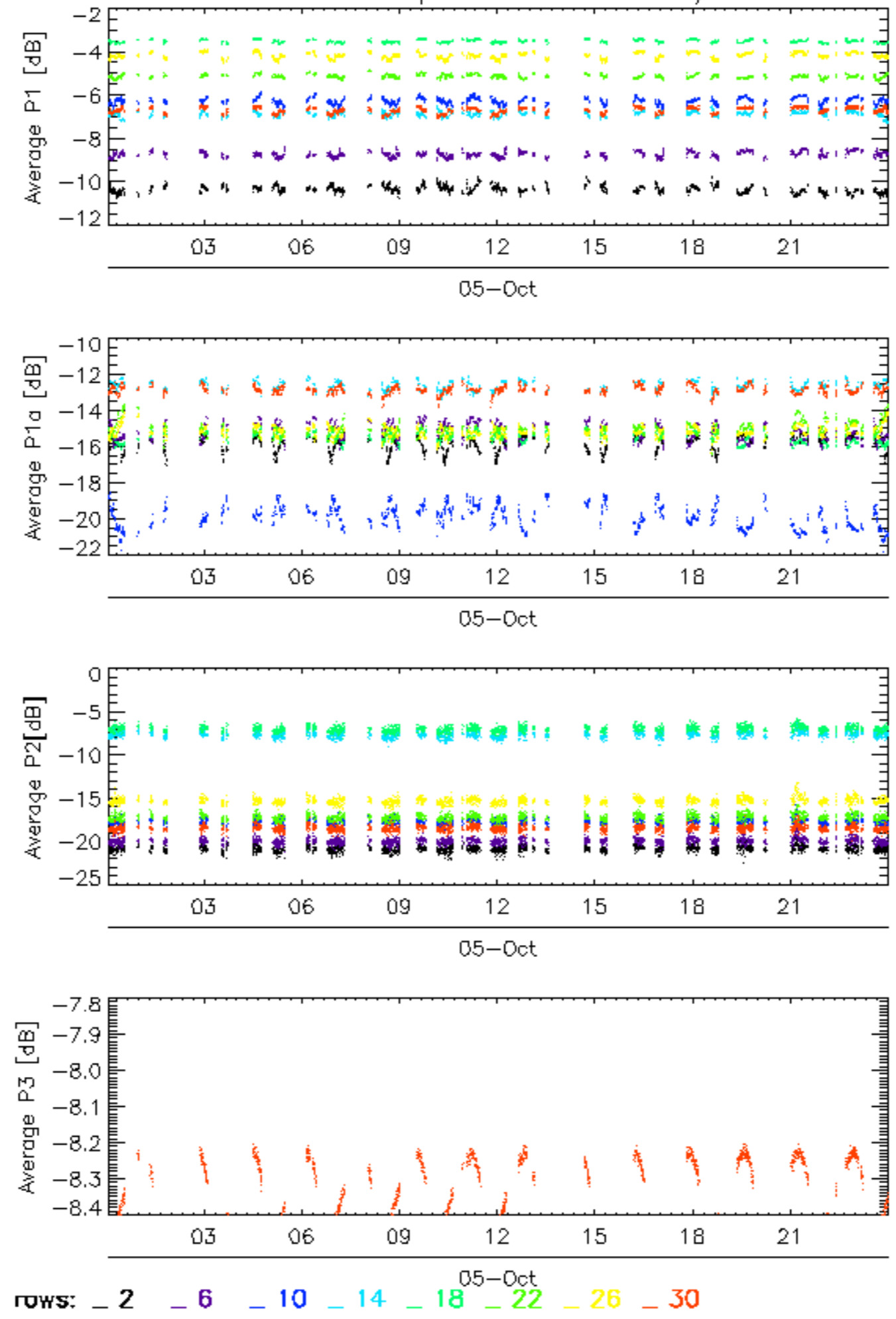
05-Oct

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### Calibration pulses for WVS IS2 V/V

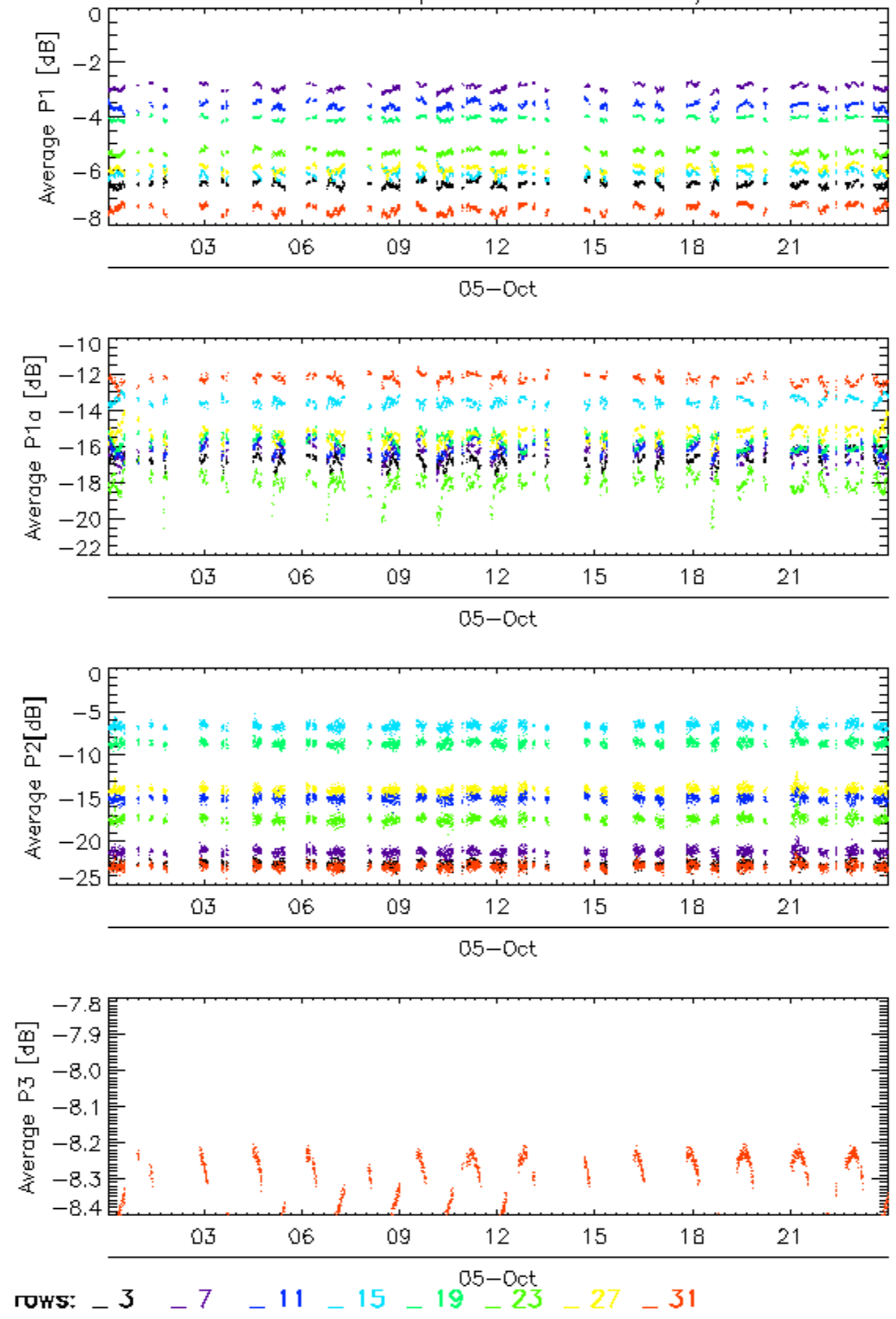


Calibration pulses for WVS IS2 V/V

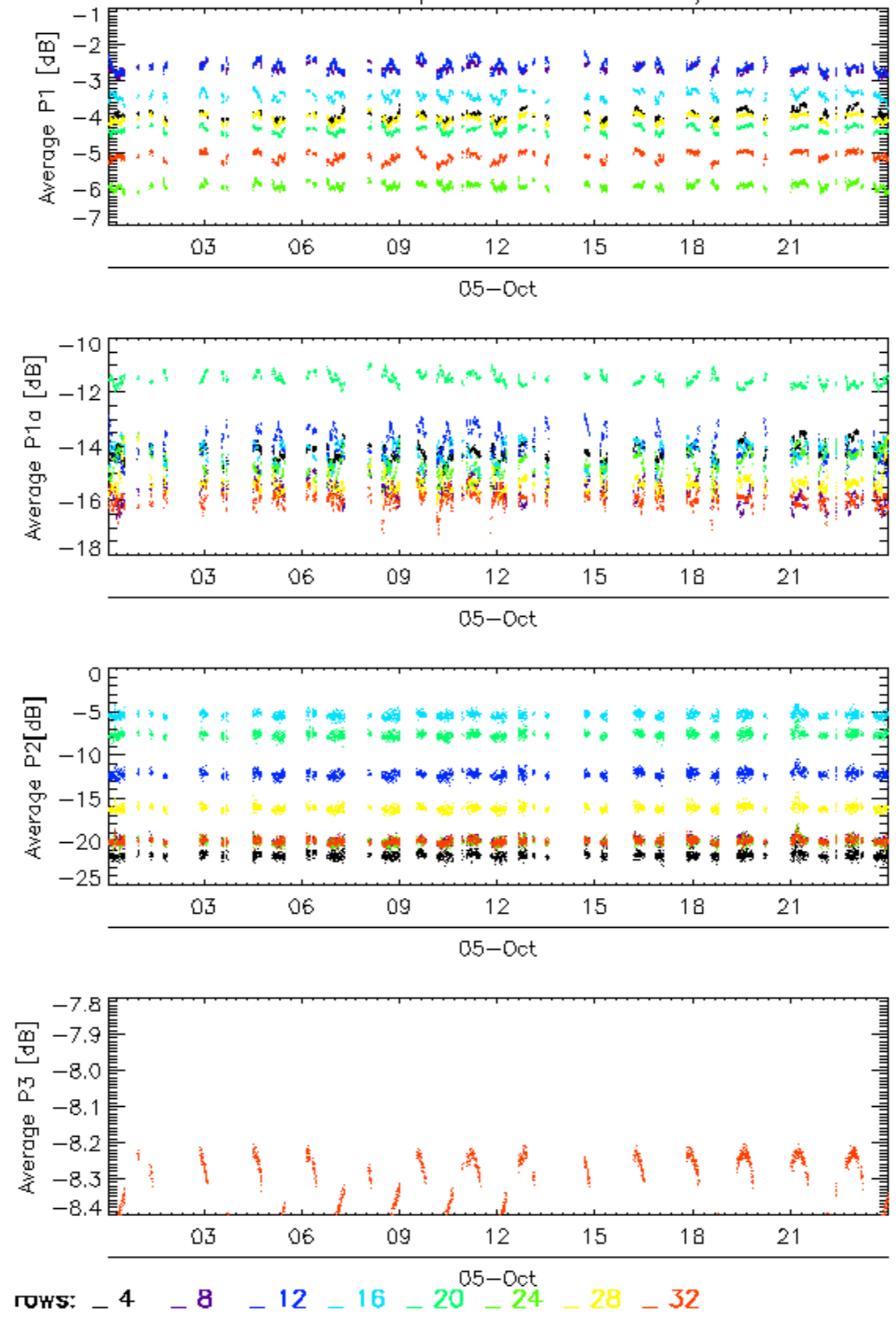


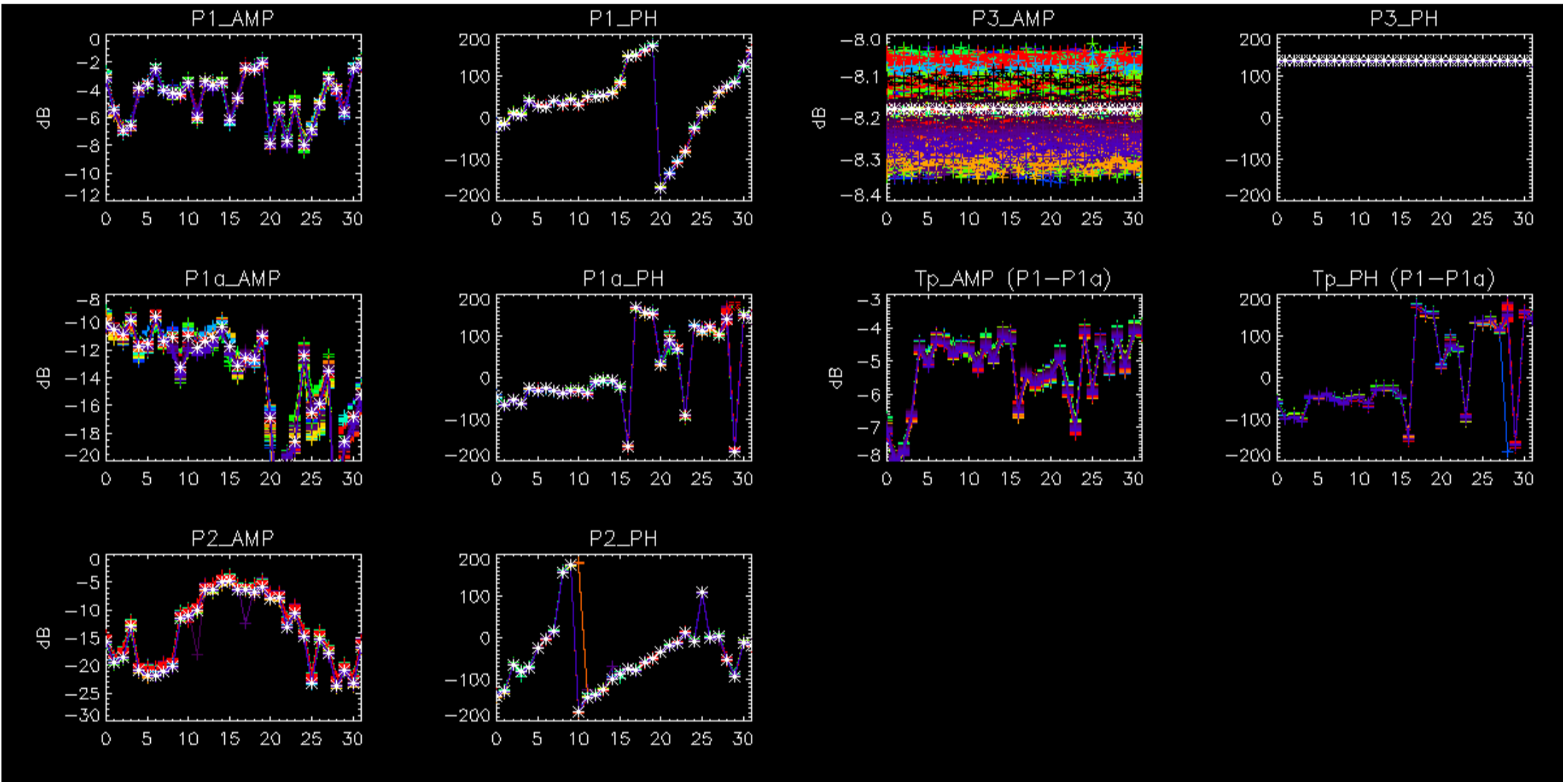


### Calibration pulses for WVS IS2 V/V

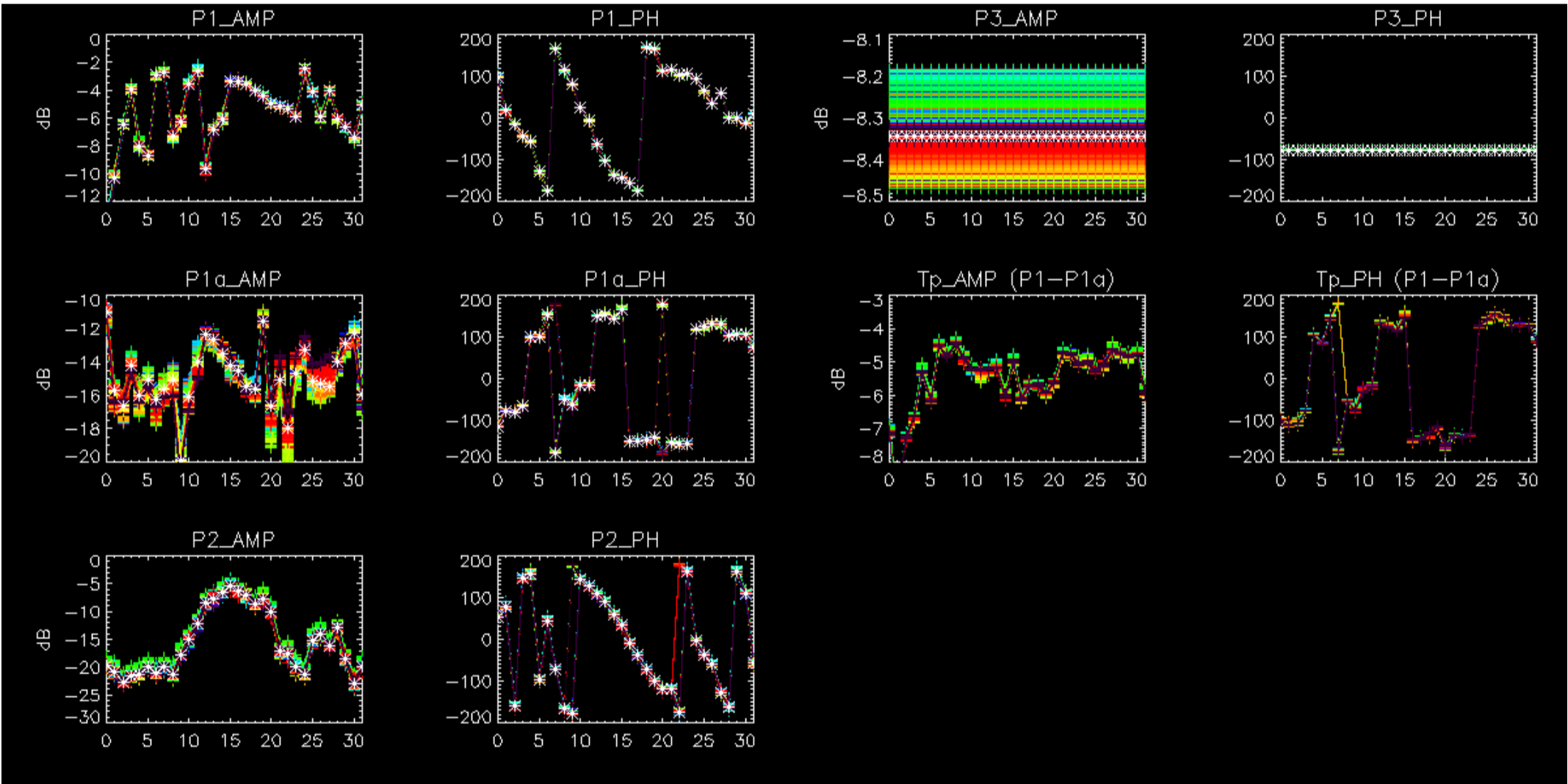


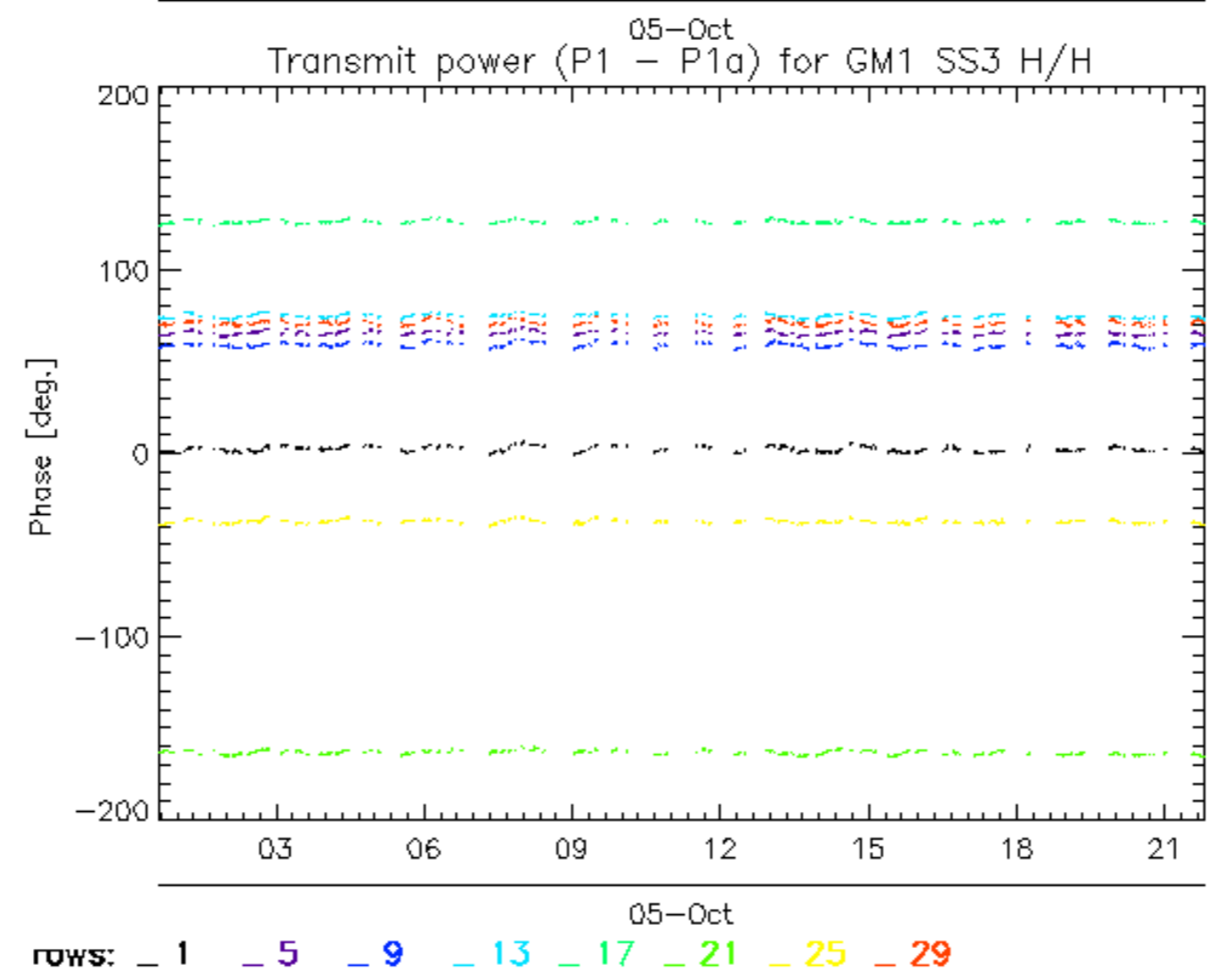
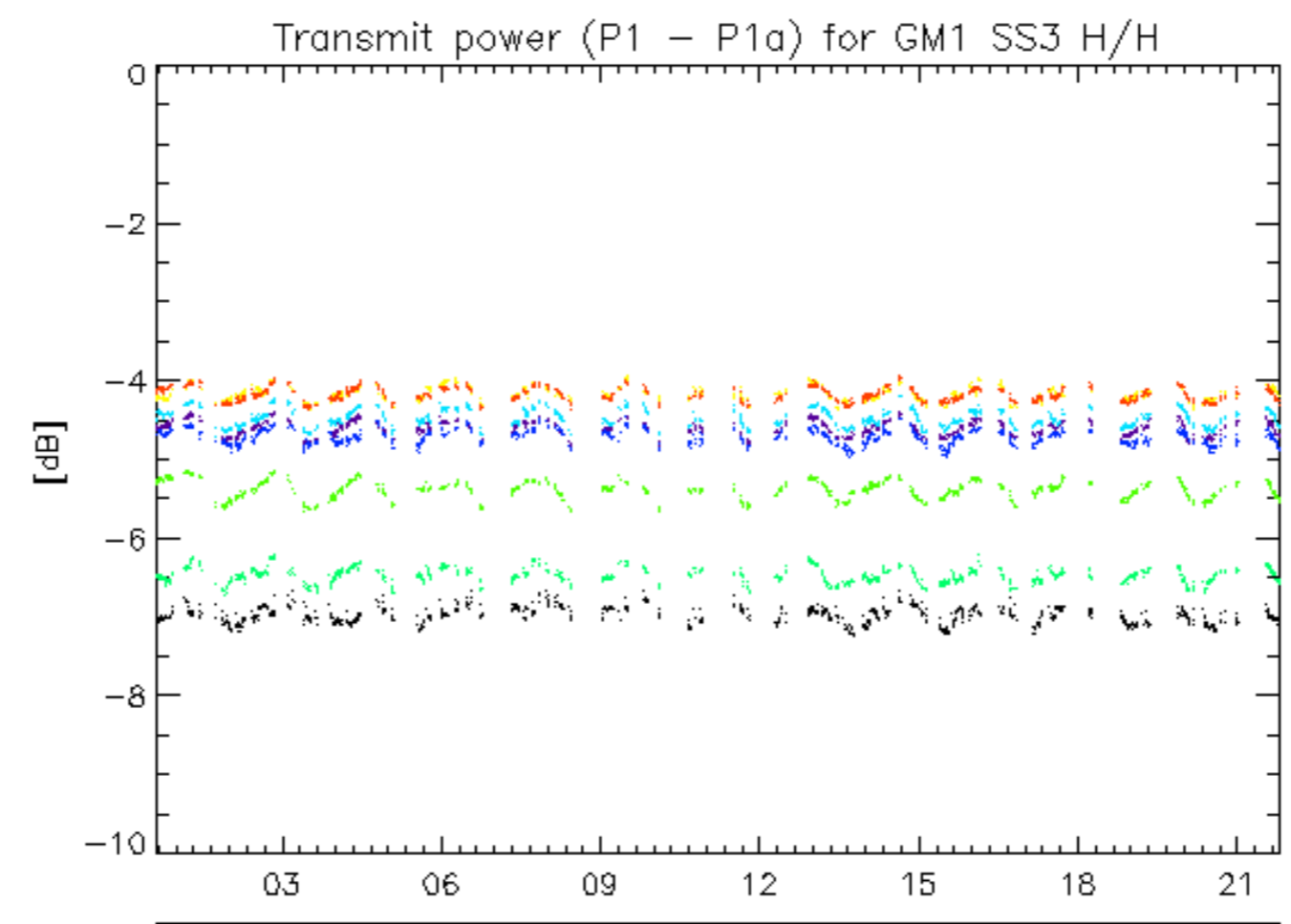
### Calibration pulses for WVS IS2 V/V

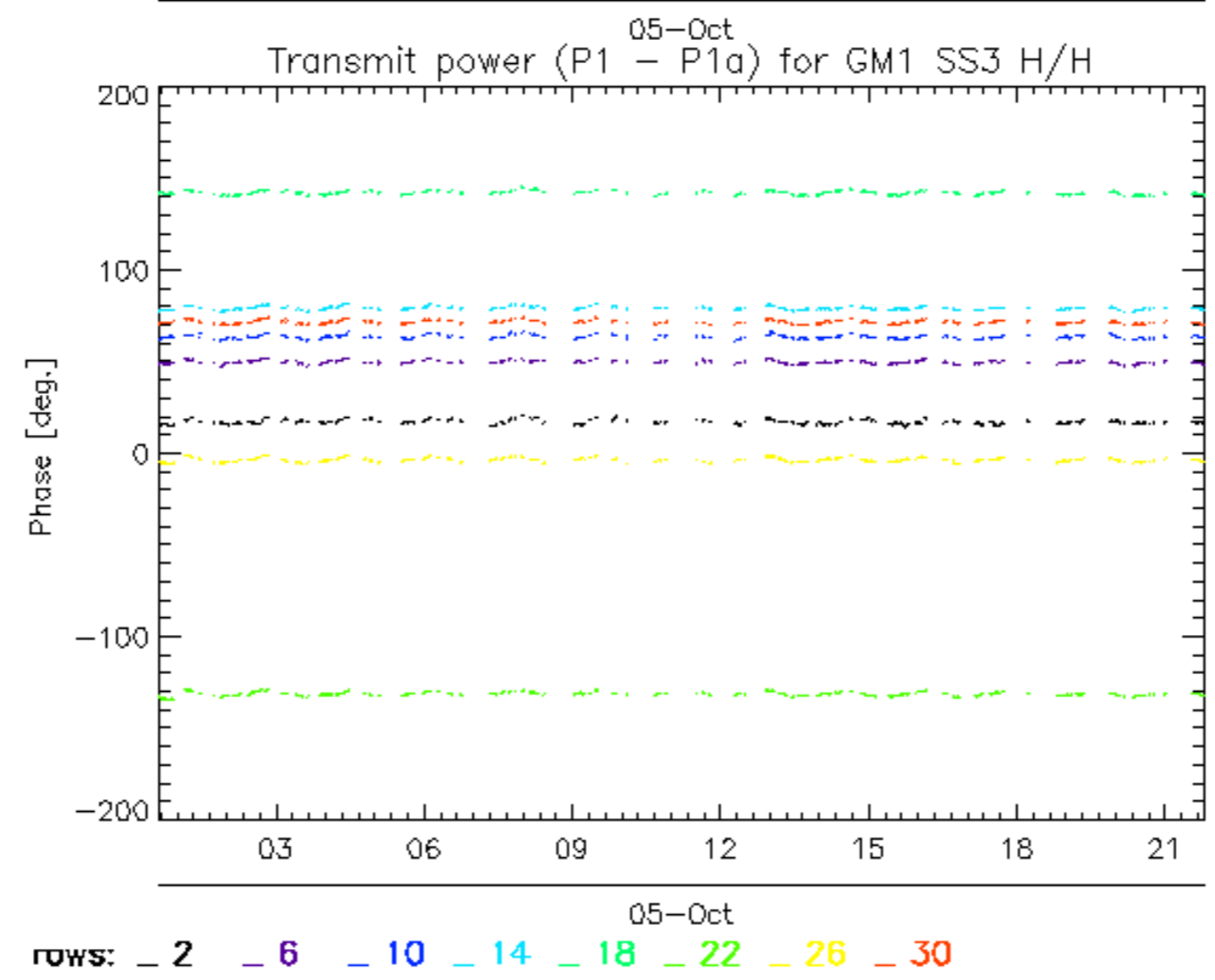
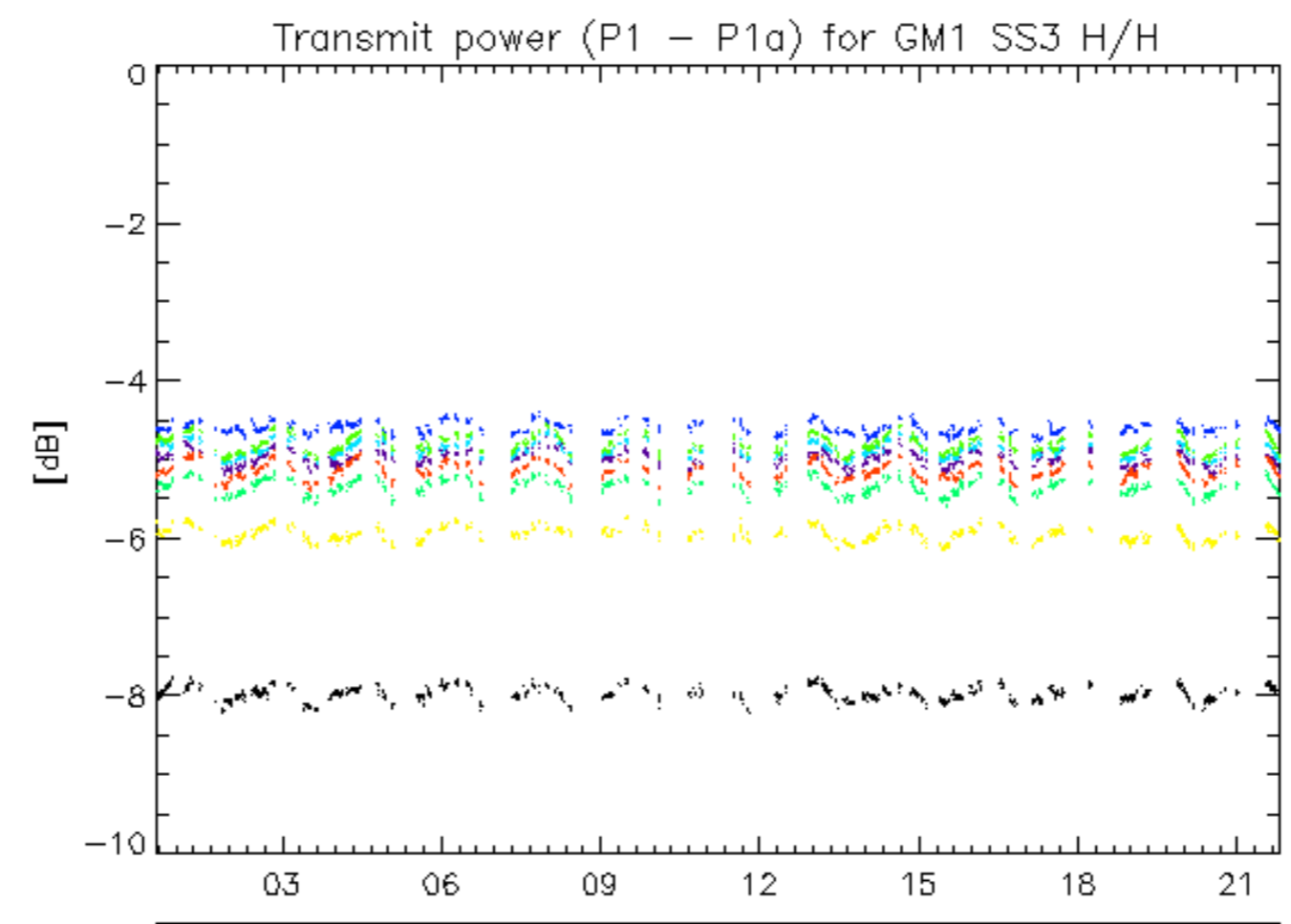




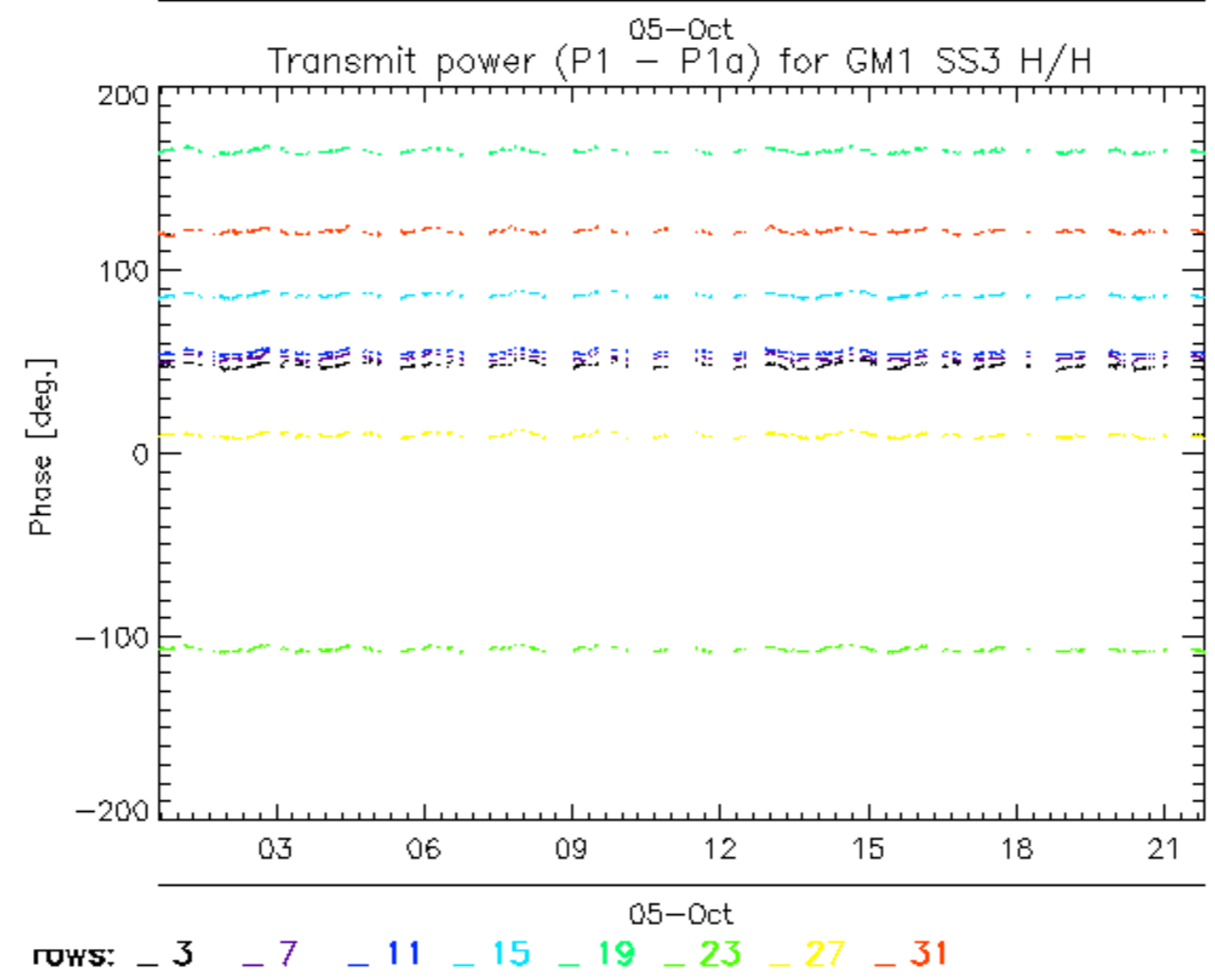
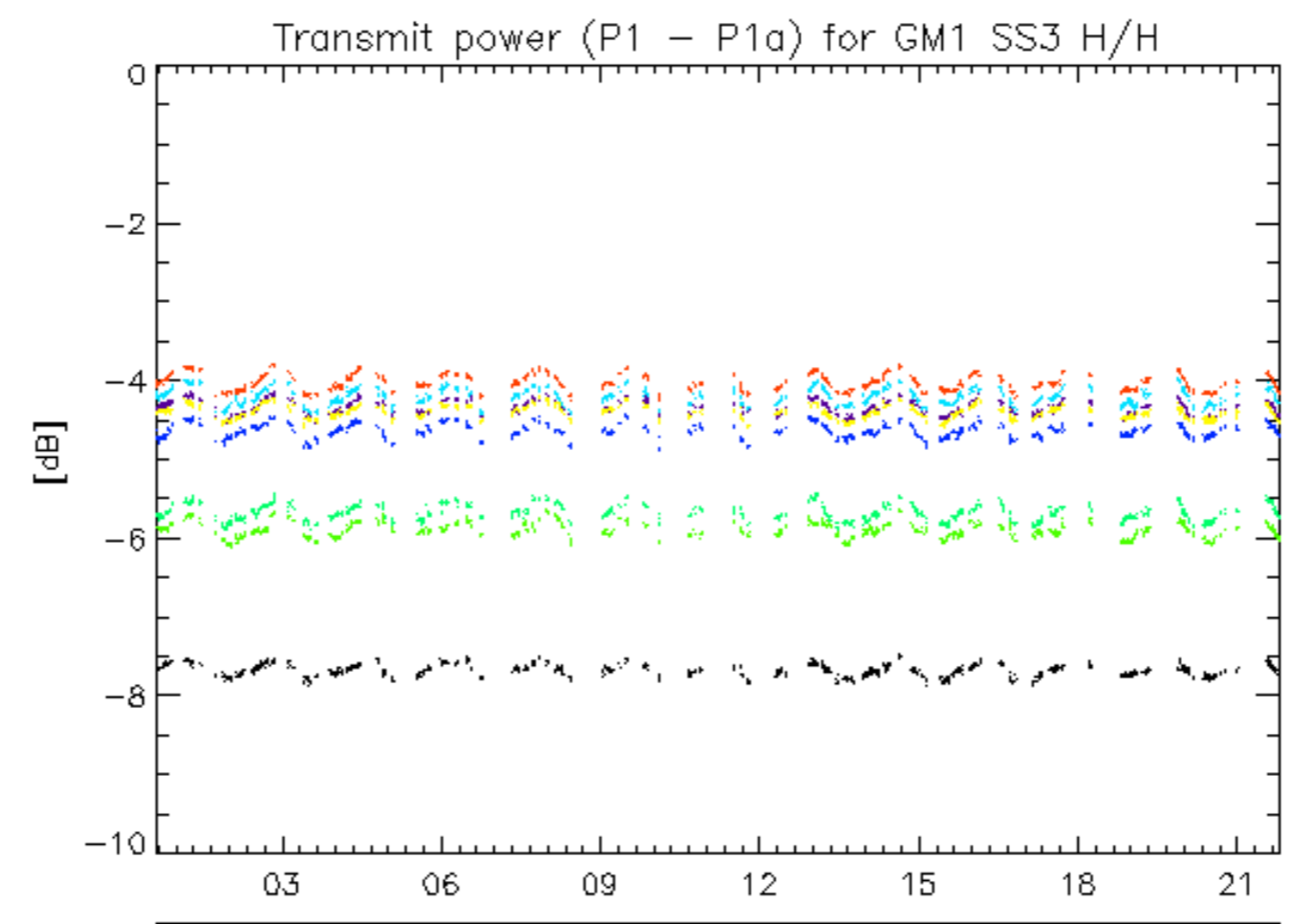


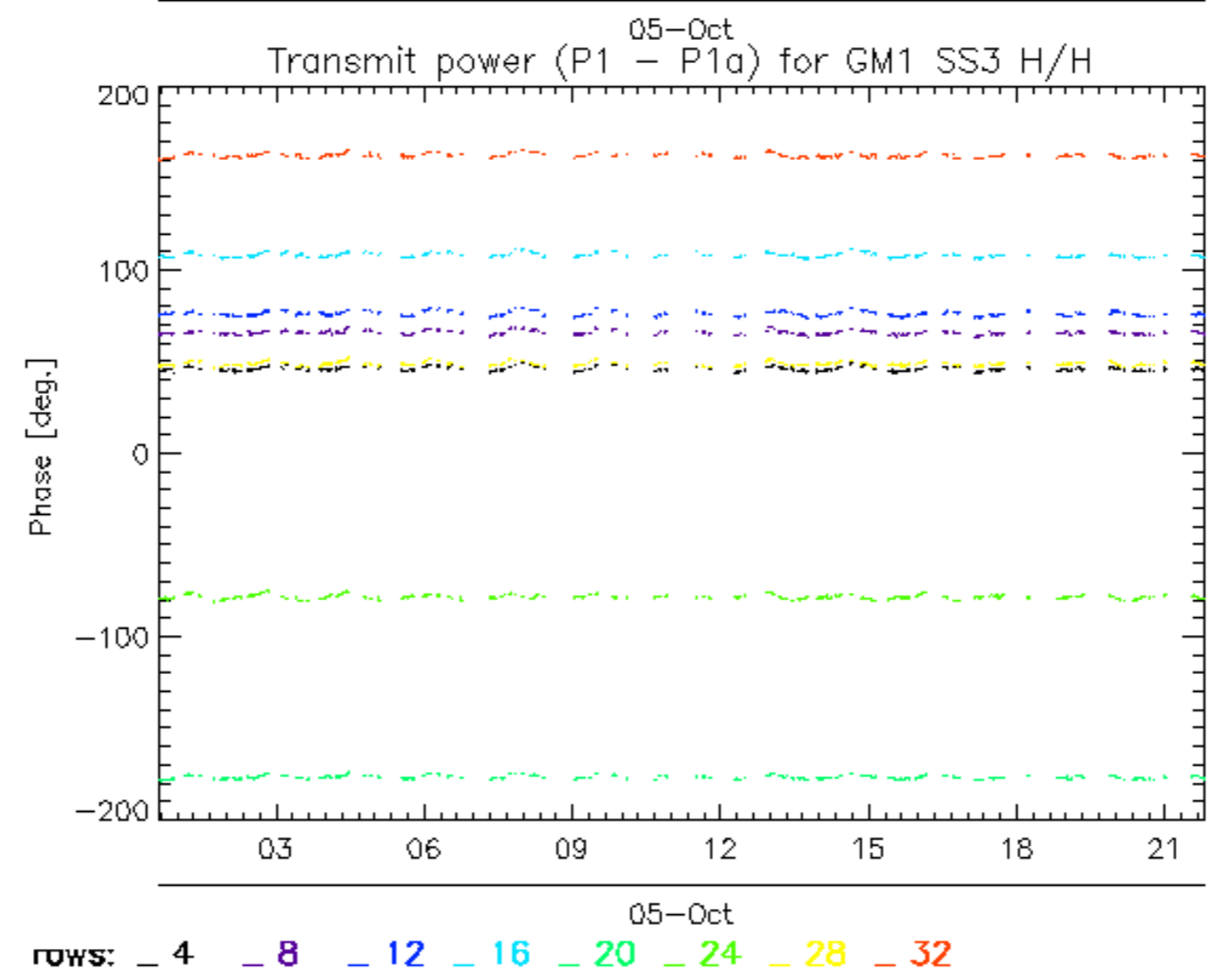
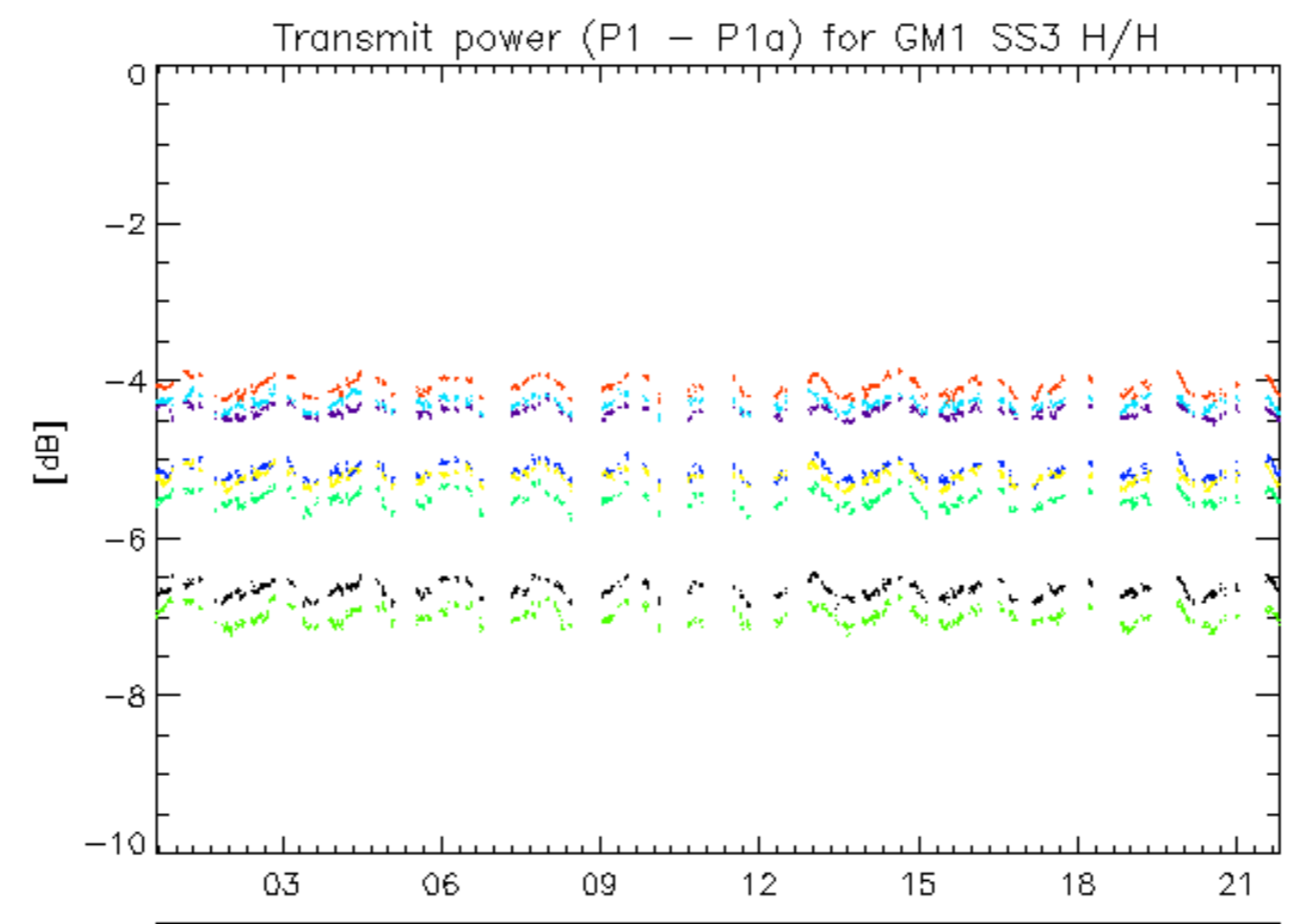


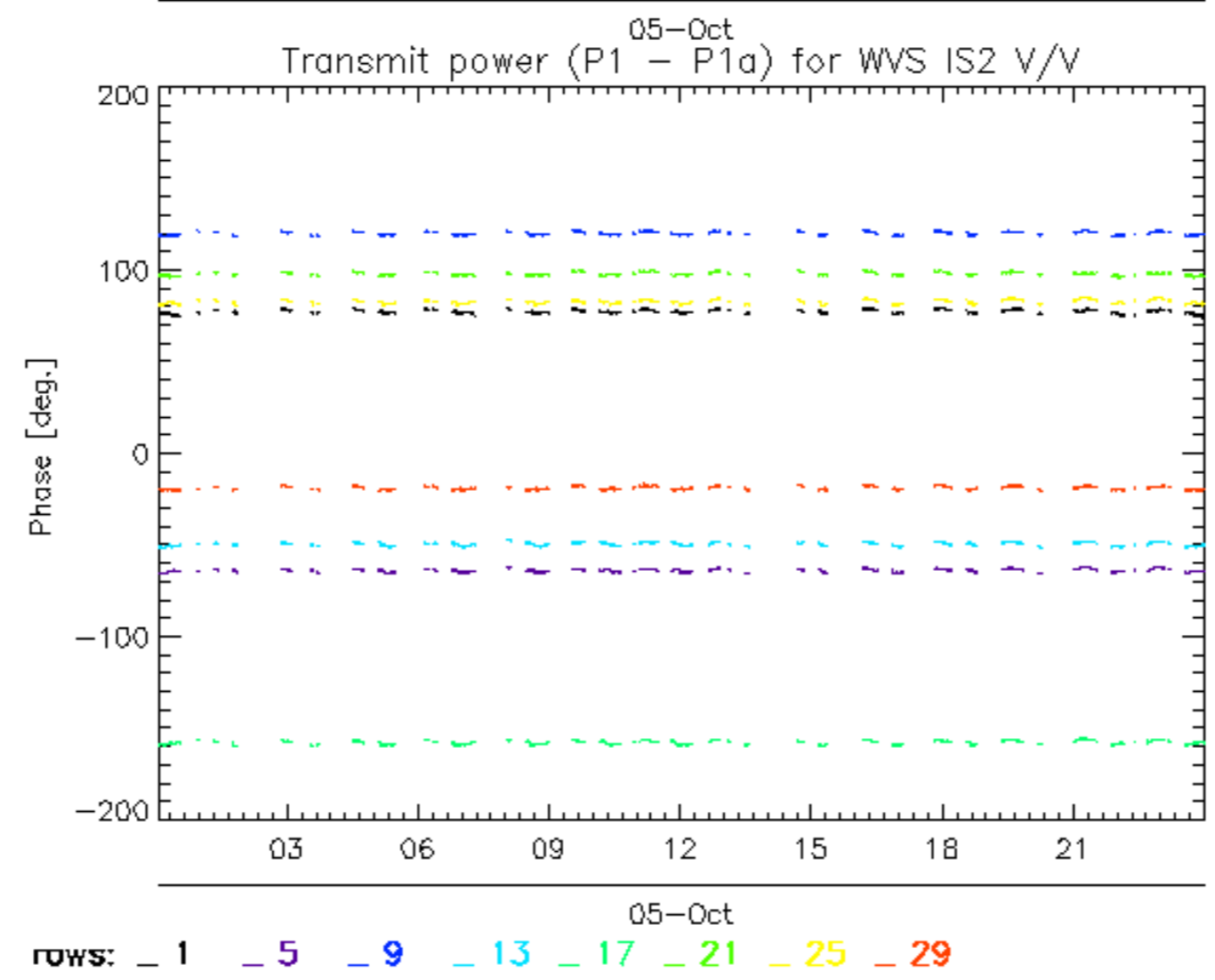
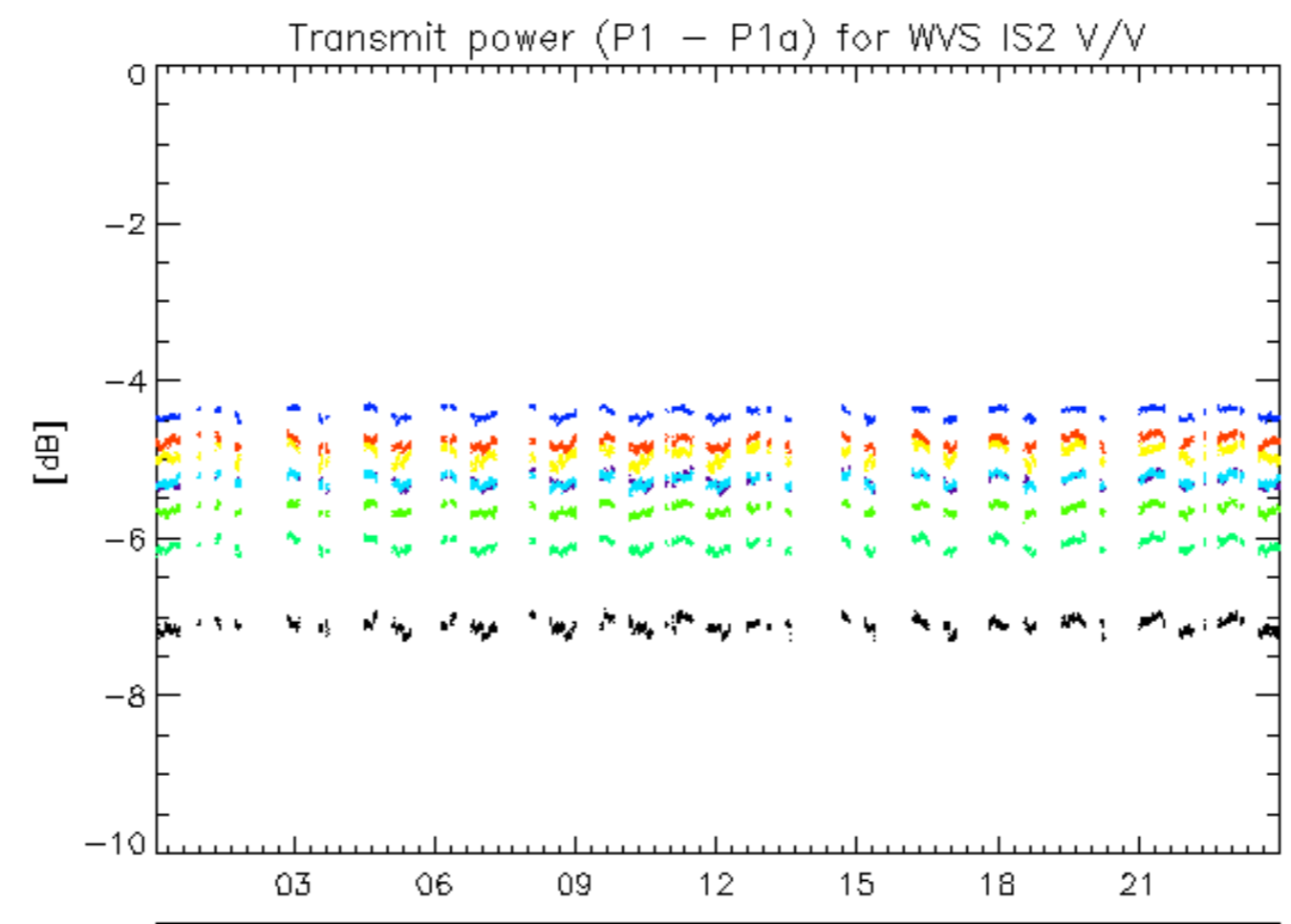




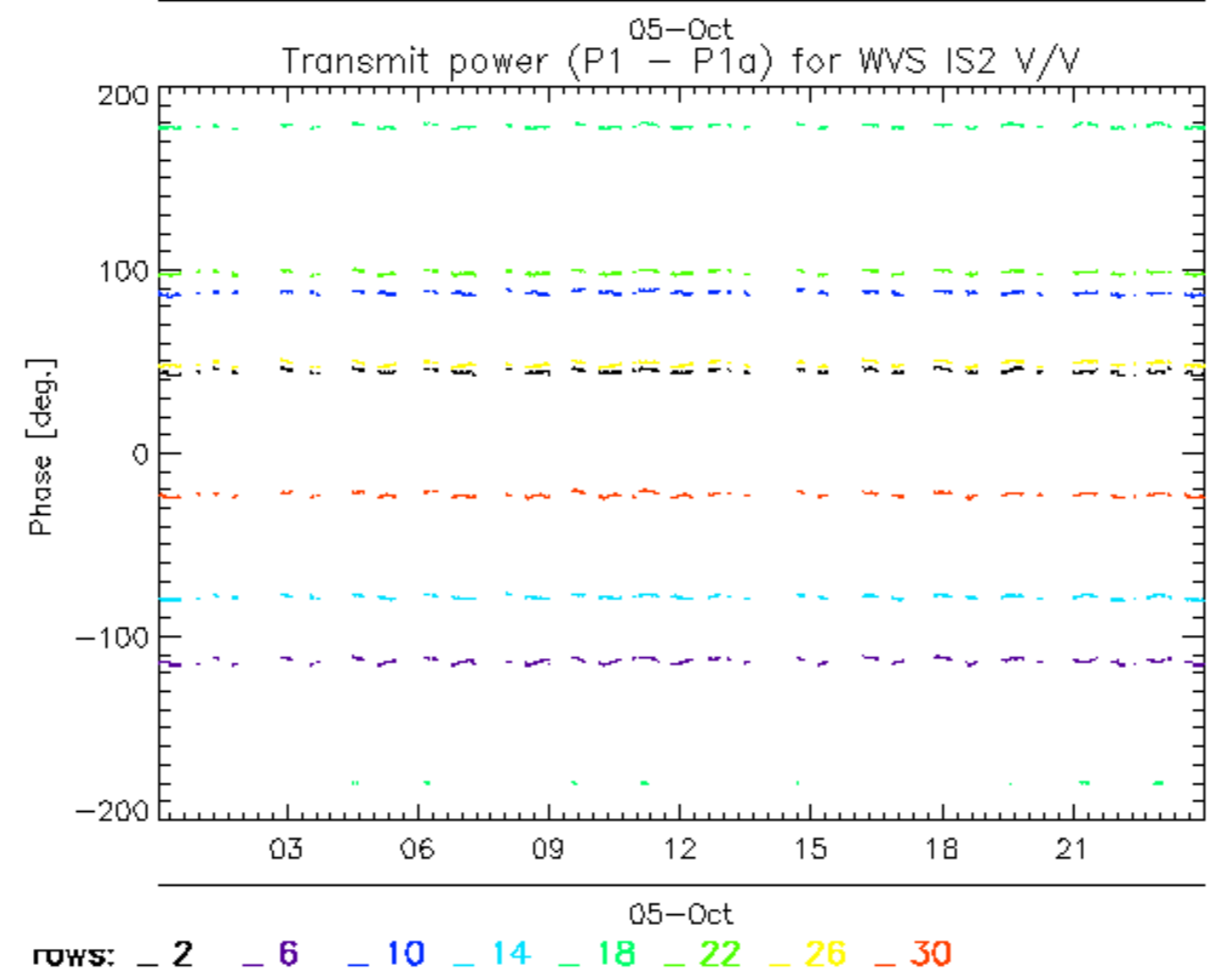
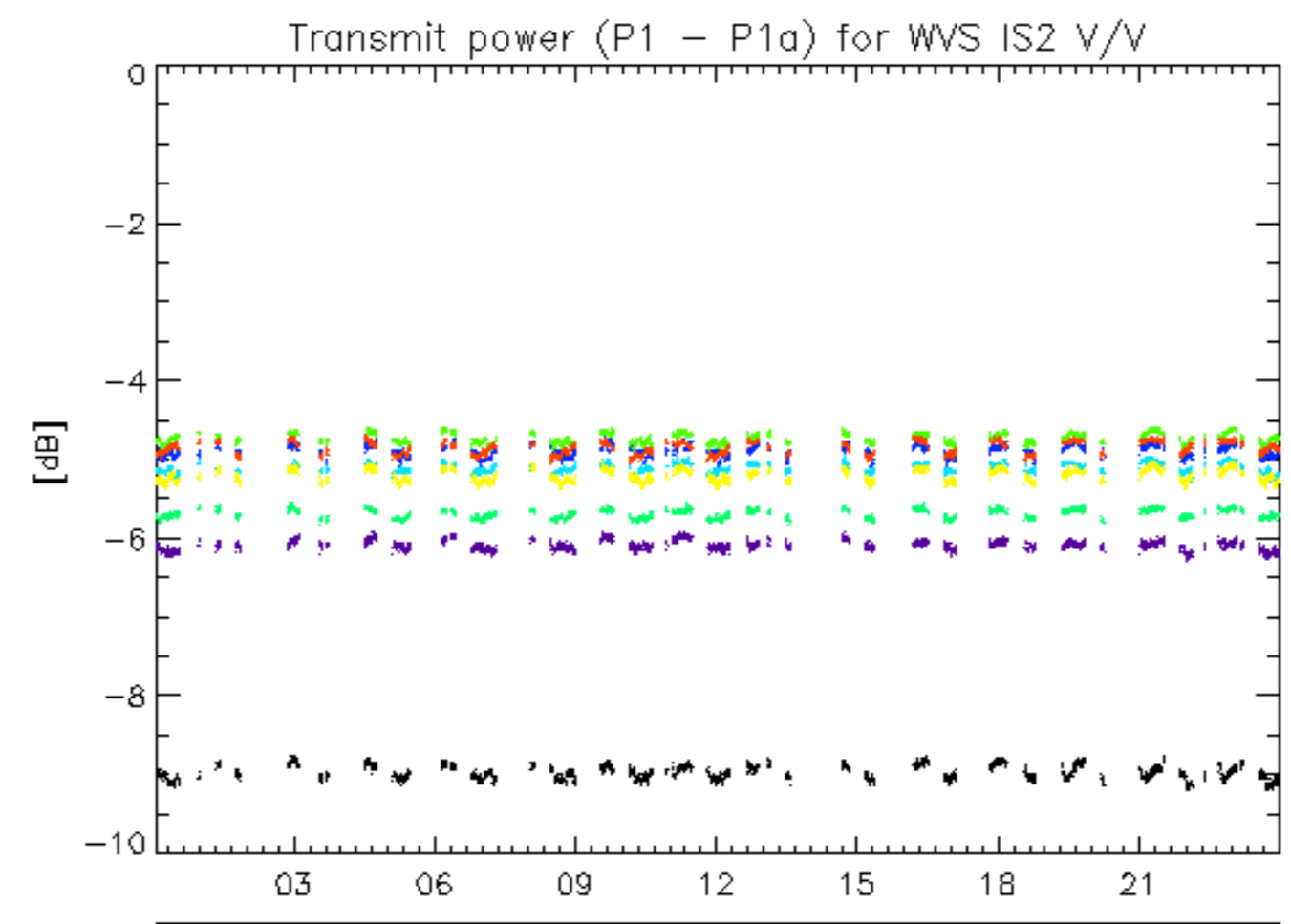


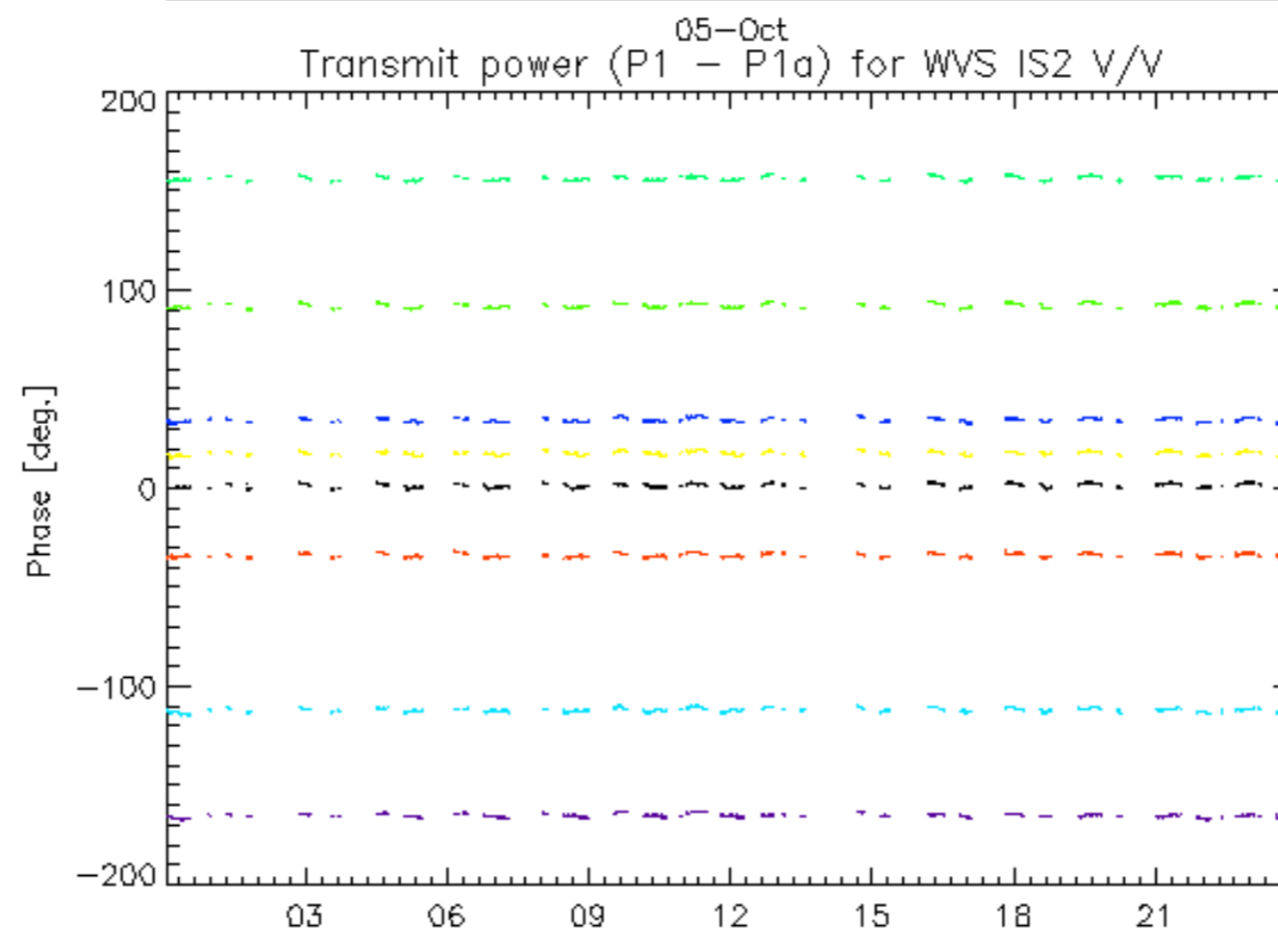
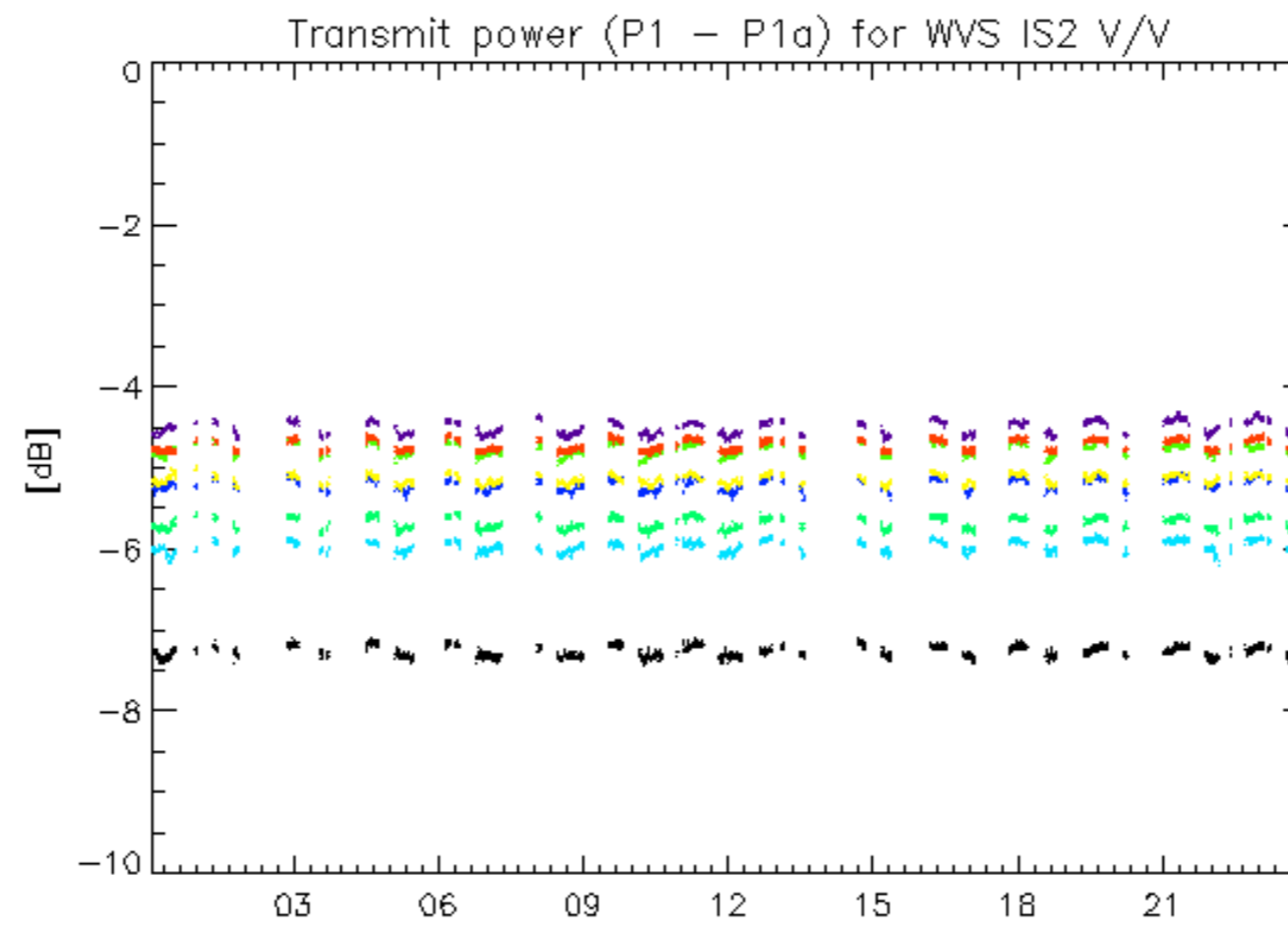




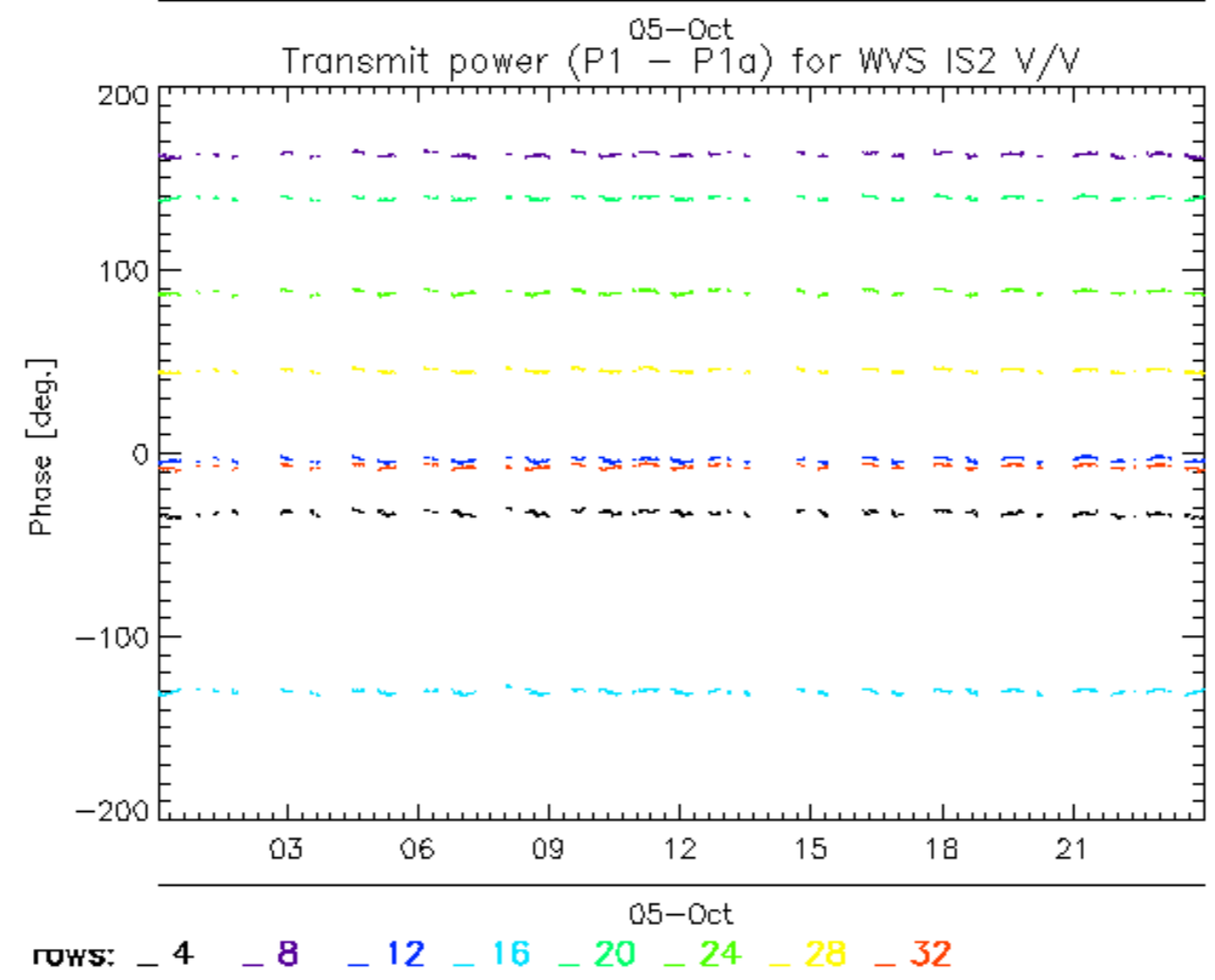
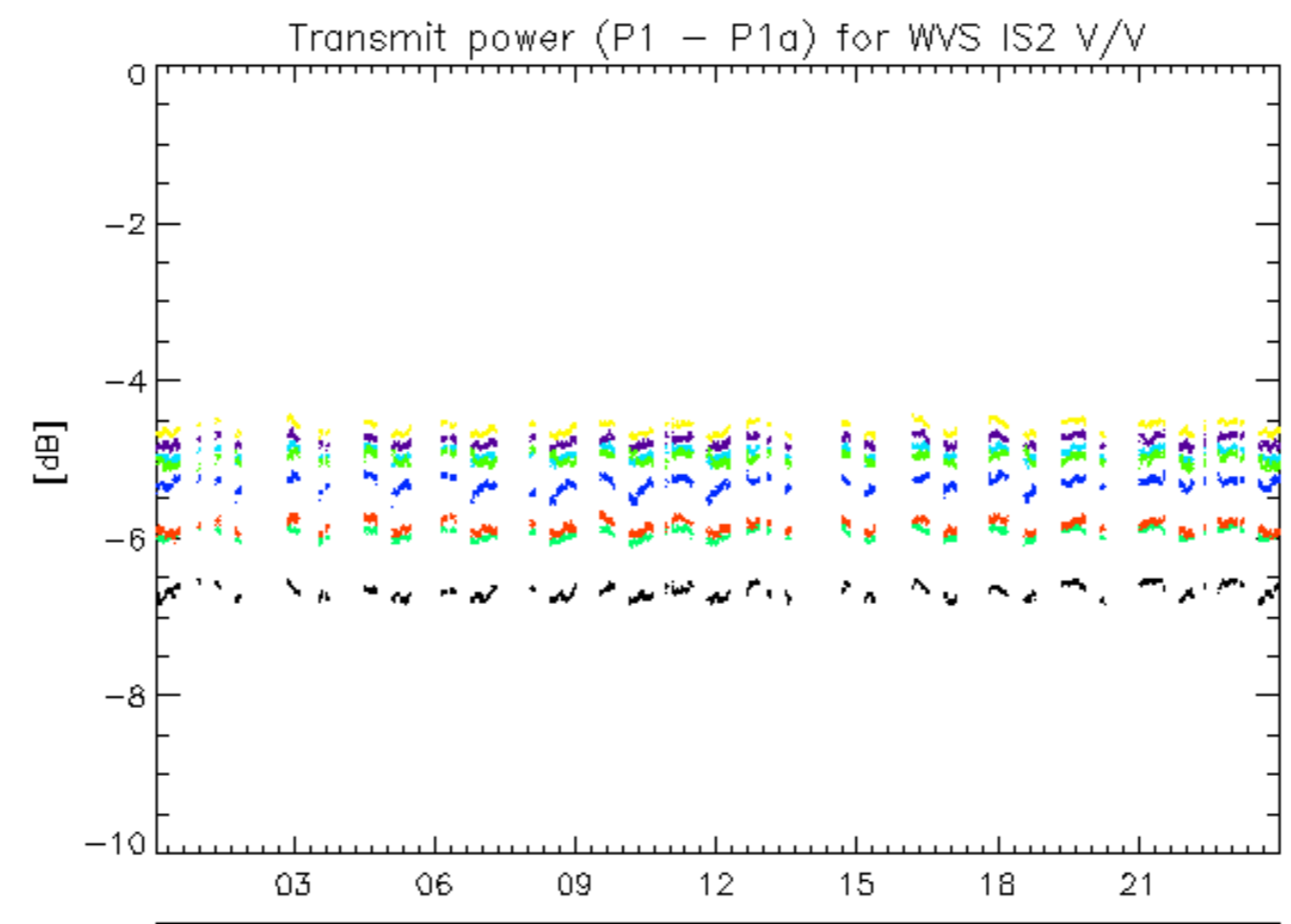


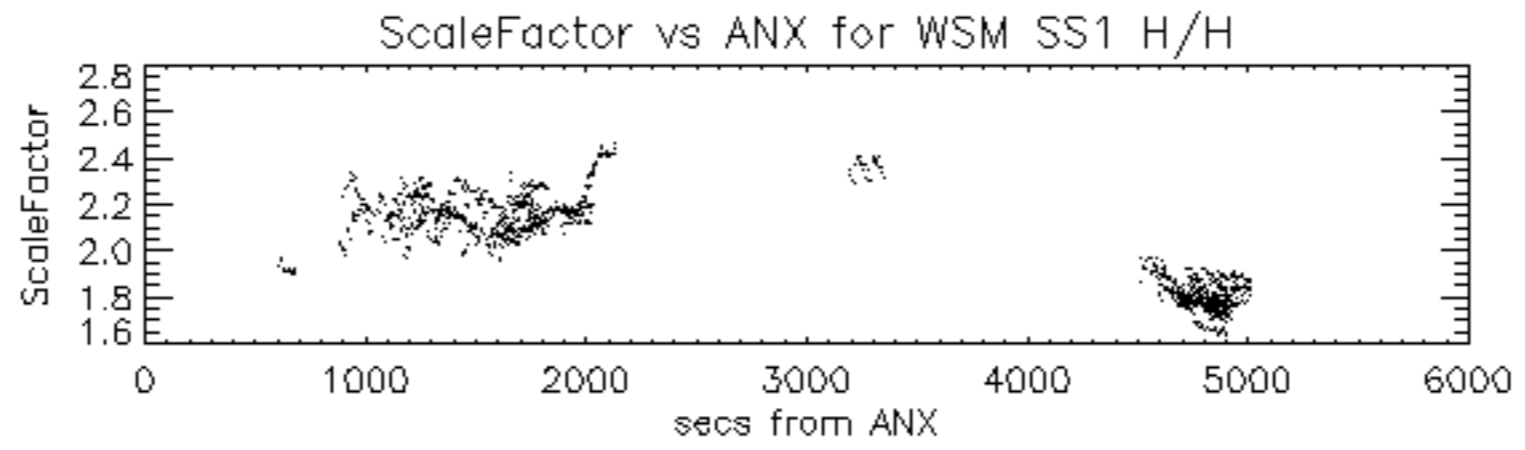




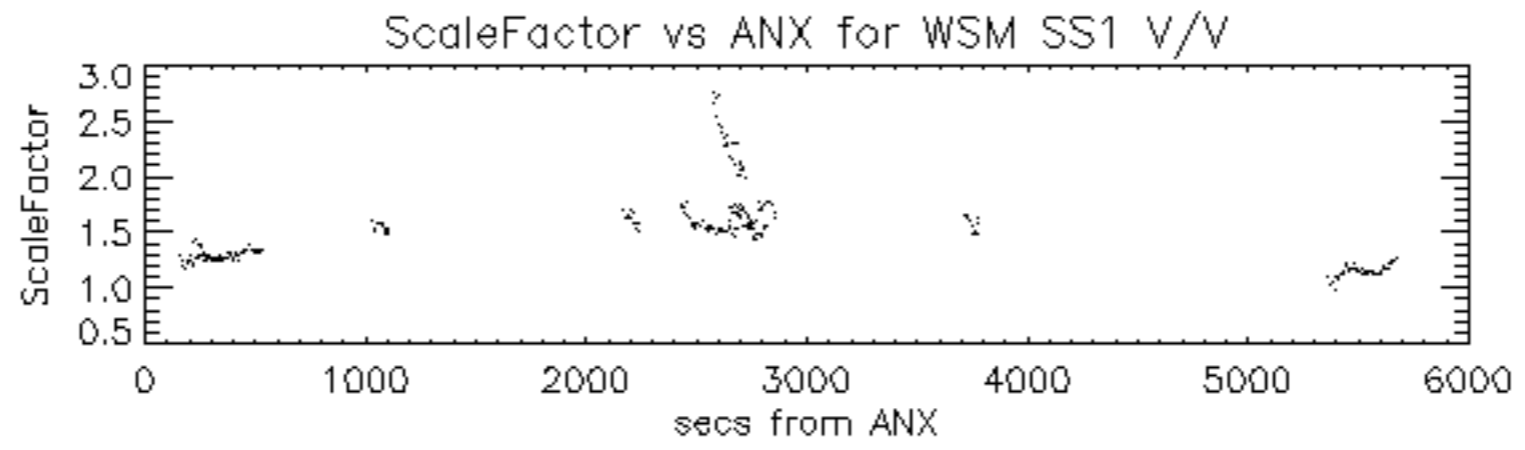


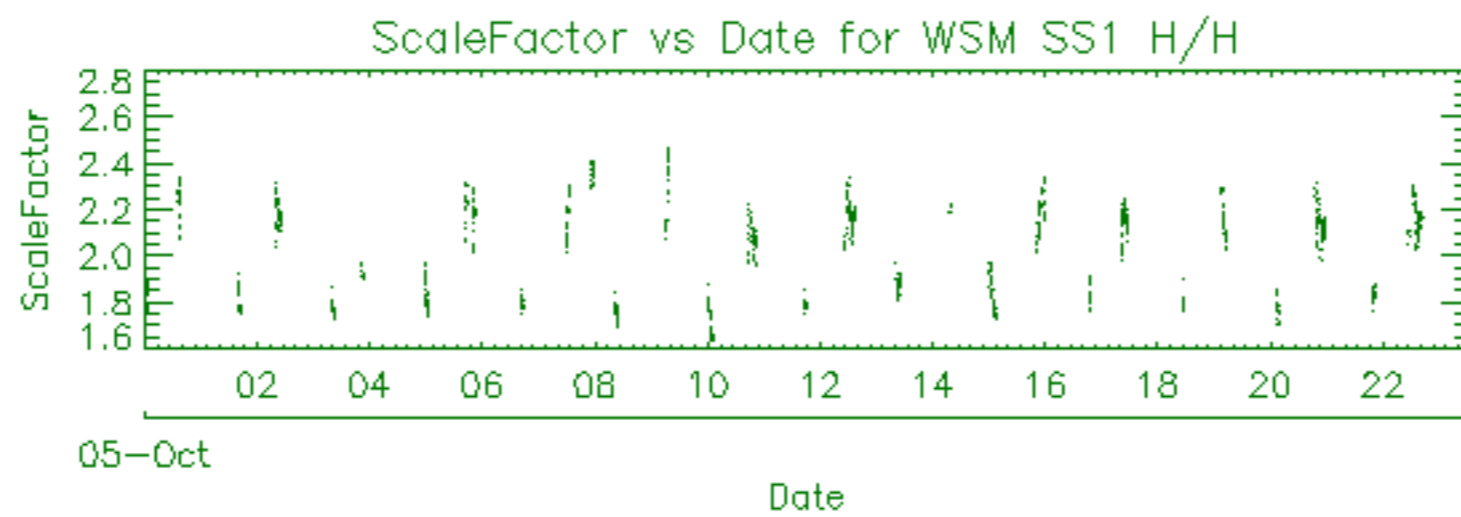
05-Oct  
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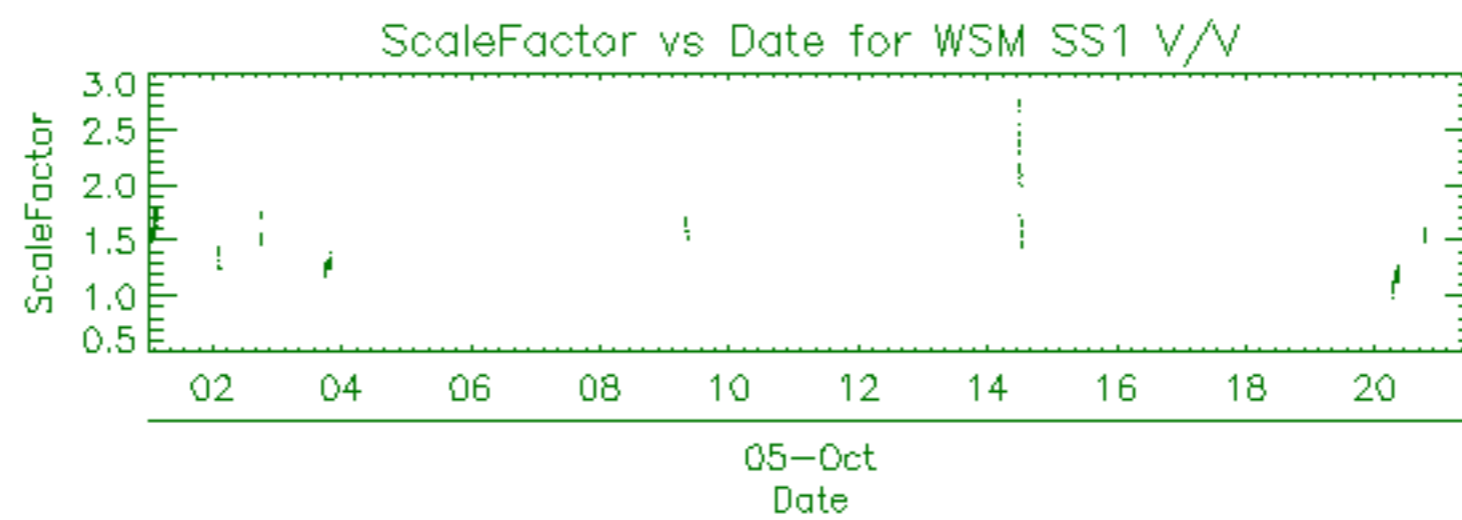












| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_APM_1PNPDE20101005_075209_000000462093_00307_44950_8000.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44950 | 307 | 5.03 |
| ASA_APM_1PNPDE20101005_143307_000002362093_00311_44954_8052.N1 |      |     |             |          |          | IS4         | V/H | 93 | 44954 | 311 | 5.03 |
| ASA_APM_1PNPDE20101005_171209_000000452093_00313_44956_8061.N1 |      |     |             |          |          | IS1         | V/H | 93 | 44956 | 313 | 5.03 |



| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_GM1_1PNPDE20101005_003747_000010212093_00303_44946_7900.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44946 | 303 | 5.03 |
| ASA_GM1_1PNPDE20101005_005539_000001202093_00303_44946_7898.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44946 | 303 | 5.03 |
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| ASA_GM1_1PNPDE20101005_020707_000006892093_00304_44947_7927.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44947 | 304 | 5.03 |
| ASA_GM1_1PNPDE20101005_022538_000011482093_00304_44947_7926.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44947 | 304 | 5.03 |
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|  |     |     |    |       |     |      |
|--|-----|-----|----|-------|-----|------|
| ASA_GM1_1PNPDK20101005_155951_000004162093_00312_44955_7327.N1 | SS1 | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_GM1_1PNPDK20101005_160803_000001692093_00312_44955_7328.N1 | SS1 | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_GM1_1PNPDK20101005_163128_000003082093_00312_44955_7330.N1 | SS1 | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_GM1_1PNPDK20101005_164145_000002652093_00312_44955_7329.N1 | SS1 | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_GM1_1PNPDK20101005_164828_000001142093_00312_44955_7333.N1 | SS1 | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_GM1_1PNPDK20101005_170804_000002472093_00313_44956_7332.N1 | SS1 | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_GM1_1PNPDK20101005_171316_000004532093_00313_44956_7334.N1 | SS1 | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_GM1_1PNPDK20101005_172752_000007192093_00313_44956_7357.N1 | SS1 | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_GM1_1PNPDK20101005_174110_000001932093_00313_44956_7358.N1 | SS1 | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_GM1_1PNPDK20101005_181203_000002772093_00313_44956_7360.N1 | SS1 | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_GM1_1PNPDK20101005_184832_000009122093_00314_44957_7361.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_190228_000003142093_00314_44957_7383.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_191246_000001262093_00314_44957_7382.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_191627_000003082093_00314_44957_7384.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_195240_000008462093_00314_44957_7386.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_200913_000001442093_00314_44957_7387.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_202152_000008642093_00314_44957_7388.N1 | SS1 | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_GM1_1PNPDK20101005_204022_00000902093_00315_44958_7390.N1  | SS1 | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_GM1_1PNPDE20101005_204621_000000722093_00315_44958_8070.N1 | SS1 | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_GM1_1PNPDE20101005_205815_000001872093_00315_44958_8073.N1 | SS1 | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_GM1_1PNPDE20101005_213316_000009242093_00315_44958_8075.N1 | SS1 | H/H | 93 | 44958 | 315 | 5.03 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_IMM_1PNPDE20101005_012821_000000922093_00303_44946_7895.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44946 | 303 | 5.03 |
| ASA_IMM_1PNPDE20101005_013041_000004432093_00303_44946_7897.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44946 | 303 | 5.03 |
| ASA_IMM_1PNPDE20101005_030909_000001622093_00304_44947_7934.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44947 | 304 | 5.03 |
| ASA_IMM_1PNPDE20101005_031349_000002332093_00304_44947_7938.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44947 | 304 | 5.03 |
| ASA_IMM_1PNPDE20101005_040932_000001612093_00305_44948_7937.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44948 | 305 | 5.03 |
| ASA_IMM_1PNPDE20101005_045000_000001622093_00305_44948_7960.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44948 | 305 | 5.03 |
| ASA_IMM_1PNPDE20101005_053017_000000992093_00306_44949_7965.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
| ASA_IMM_1PNPDE20101005_055225_000003732093_00306_44949_7961.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
| ASA_IMM_1PNPDE20101005_063122_000000922093_00306_44949_7971.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44949 | 306 | 5.03 |
| ASA_IMM_1PNPDK20101005_063452_000002332093_00306_44949_7130.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44949 | 306 | 5.03 |
| ASA_IMM_1PNPDE20101005_074638_000001992093_00307_44950_7999.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44950 | 307 | 5.03 |
| ASA_IMM_1PNPDE20101005_075259_000000852093_00307_44950_8001.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44950 | 307 | 5.03 |
| ASA_IMM_1PNPDK20101005_081807_000000922093_00307_44950_7150.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44950 | 307 | 5.03 |
| ASA_IMM_1PNPDE20101005_095431_000003032093_00308_44951_8022.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44951 | 308 | 5.03 |
| ASA_IMM_1PNPDK20101005_105742_000001532093_00309_44952_7192.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44952 | 309 | 5.03 |
| ASA_IMM_1PNPDE20101005_110758_000000542093_00309_44952_8037.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44952 | 309 | 5.03 |
| ASA_IMM_1PNPDE20101005_113207_000003032093_00309_44952_8040.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44952 | 309 | 5.03 |
| ASA_IMM_1PNPDE20101005_160647_000000682093_00312_44955_8058.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44955 | 312 | 5.03 |
| ASA_IMM_1PNPDE20101005_161049_000000522093_00312_44955_8059.N1 |      |     |             |          |          | IS6         | V/V | 93 | 44955 | 312 | 5.03 |
| ASA_IMM_1PNPDE20101005_163635_000003002093_00312_44955_8060.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_IMM_1PNPDE20101005_173952_000000672093_00313_44956_8064.N1 |      |     |             |          |          | IS6         | V/V | 93 | 44956 | 313 | 5.03 |
| ASA_IMM_1PNPDE20101005_174425_000002182093_00313_44956_8065.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44956 | 313 | 5.03 |
| ASA_IMM_1PNPDE20101005_181640_000003022093_00313_44956_8066.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_IMM_1PNPDE20101005_182230_000002332093_00313_44956_8062.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_IMM_1PNPDE20101005_191453_000000832093_00314_44957_8067.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44957 | 314 | 5.03 |
| ASA_IMM_1PNPDK20101005_222824_000002032093_00316_44959_7423.N1 |      |     |             |          |          | IS2         | H/H | 93 | 44959 | 316 | 5.03 |

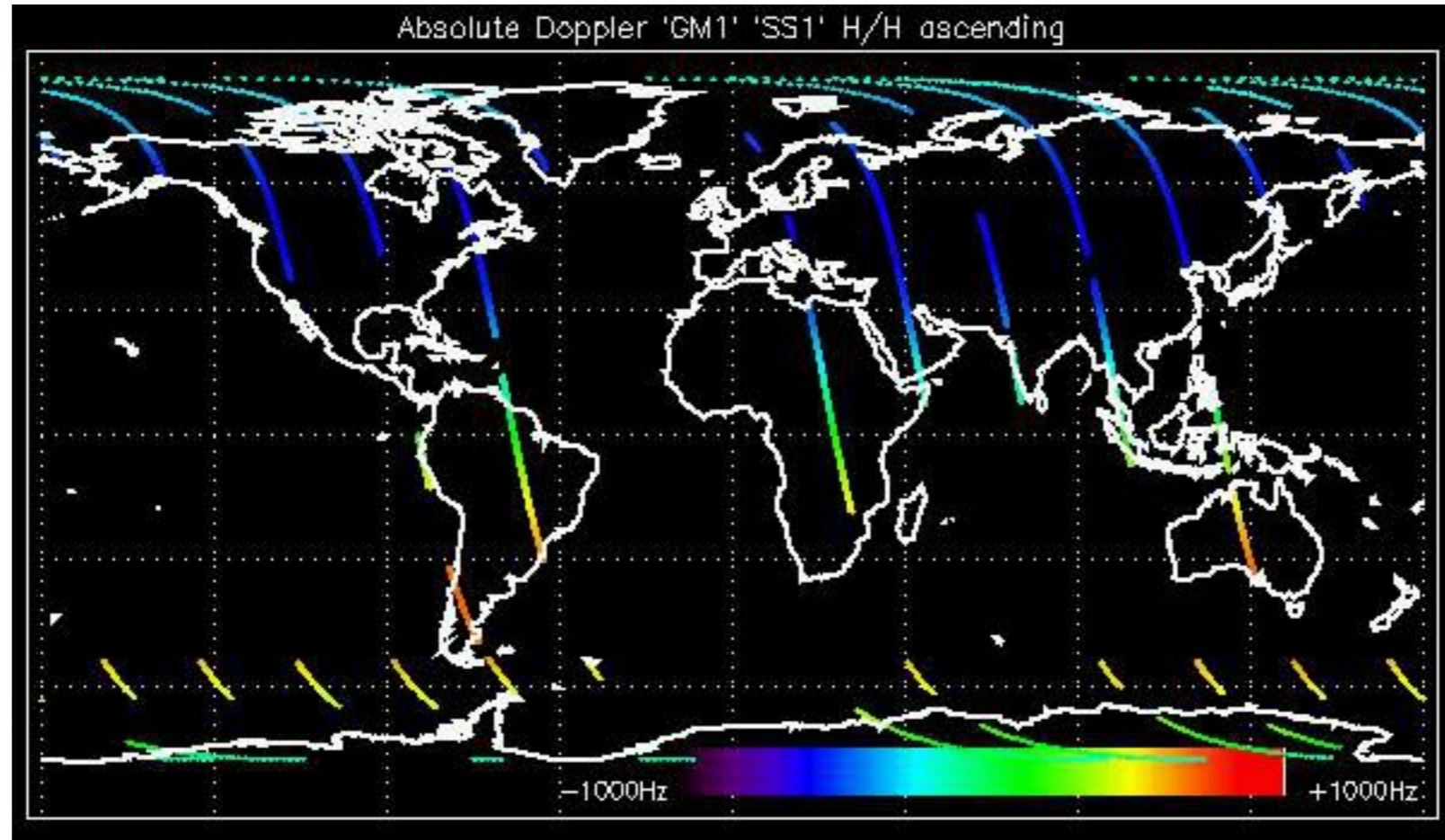
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|--|-----|---------------------|---------------|
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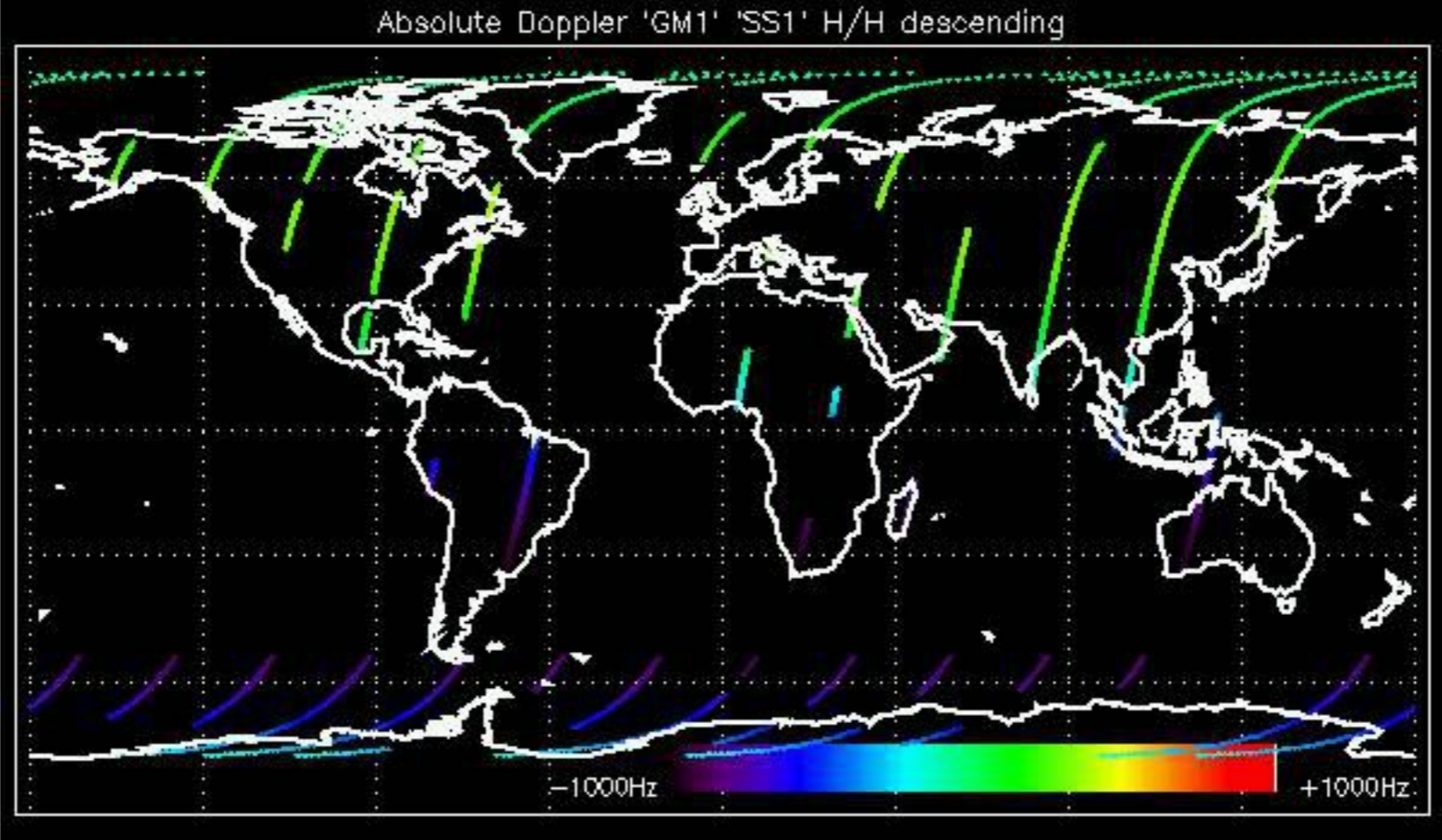


| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WSM_1PNPDE20101004_235841_000002942093_00302_44945_7882.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44945 | 302 | 5.03 |
| ASA_WSM_1PNPDE20101005_003514_000001472093_00303_44946_7894.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44946 | 303 | 5.03 |
| ASA_WSM_1PNPDK20101005_010046_000004532093_00303_44946_7415.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WSM_1PNPDE20101005_013858_000002812093_00303_44946_7911.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44946 | 303 | 5.03 |
| ASA_WSM_1PNPDK20101005_020435_000001472093_00304_44947_7051.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WSM_1PNPDE20101005_021844_000004102093_00304_44947_7933.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44947 | 304 | 5.03 |
| ASA_WSM_1PNPDE20101005_024452_000000922093_00304_44947_7918.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WSM_1PNPDE20101005_031827_000002942093_00304_44947_7939.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44947 | 304 | 5.03 |
| ASA_WSM_1PNPDK20101005_034410_000003922093_00305_44948_7080.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44948 | 305 | 5.03 |
| ASA_WSM_1PNPDE20101005_035134_000000982093_00305_44948_7940.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44948 | 305 | 5.03 |
| ASA_WSM_1PNPDE20101005_045729_000002022093_00305_44948_7962.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44948 | 305 | 5.03 |
| ASA_WSM_1PNPDE20101005_050111_000000922093_00305_44948_7963.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44948 | 305 | 5.03 |
| ASA_WSM_1PNPDE20101005_054145_000001042093_00306_44949_7964.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44949 | 306 | 5.03 |
| ASA_WSM_1PNPDK20101005_054859_000002022093_00306_44949_7097.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44949 | 306 | 5.03 |
| ASA_WSM_1PNPDK20101005_063959_000002022093_00306_44949_7131.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44949 | 306 | 5.03 |
| ASA_WSM_1PNPDE20101005_072858_000002452093_00307_44950_7998.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44950 | 307 | 5.03 |
| ASA_WSM_1PNPDE20101005_075549_000001842093_00307_44950_8002.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44950 | 307 | 5.03 |
| ASA_WSM_1PNPDK20101005_082038_000002452093_00307_44950_7153.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44950 | 307 | 5.03 |
| ASA_WSM_1PNPDE20101005_091440_000002692093_00308_44951_8021.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44951 | 308 | 5.03 |
| ASA_WSM_1PNPDK20101005_091709_000000922093_00308_44951_7163.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44951 | 308 | 5.03 |
| ASA_WSM_1PNPDK20101005_091926_000000922093_00308_44951_7162.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44951 | 308 | 5.03 |
| ASA_WSM_1PNPDE20101005_100042_000002812093_00308_44951_8038.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44951 | 308 | 5.03 |
| ASA_WSM_1PNPDE20101005_104254_000001652093_00309_44952_8039.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44952 | 309 | 5.03 |
| ASA_WSM_1PNPDK20101005_104743_000001282093_00309_44952_7180.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44952 | 309 | 5.03 |
| ASA_WSM_1PNPDK20101005_105033_000001222093_00309_44952_7189.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44952 | 309 | 5.03 |
| ASA_WSM_1PNPDK20101005_114223_000001842093_00309_44952_7243.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44952 | 309 | 5.03 |
| ASA_WSM_1PNPDK20101005_122625_000001772093_00310_44953_7215.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44953 | 310 | 5.03 |
| ASA_WSM_1PNPDK20101005_123113_000004472093_00310_44953_7232.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44953 | 310 | 5.03 |
| ASA_WSM_1PNPDK20101005_132058_000003302093_00310_44953_7251.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44953 | 310 | 5.03 |
| ASA_WSM_1PNPDE20101005_141756_000000482093_00311_44954_8051.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44954 | 311 | 5.03 |
| ASA_WSM_1PNPDK20101005_142800_000002692093_00311_44954_7289.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44954 | 311 | 5.03 |
| ASA_WSM_1PNPDE20101005_150013_000001532093_00311_44954_8053.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44954 | 311 | 5.03 |
| ASA_WSM_1PNPDE20101005_150513_000001282093_00311_44954_8054.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44954 | 311 | 5.03 |
| ASA_WSM_1PNPDK20101005_155110_000002142093_00312_44955_7292.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_WSM_1PNPDE20101005_155331_000001712093_00312_44955_8056.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_WSM_1PNPDE20101005_155810_000000982093_00312_44955_8057.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_WSM_1PNPDE20101005_164616_000001282093_00312_44955_8055.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44955 | 312 | 5.03 |
| ASA_WSM_1PNPDK20101005_172057_000004102093_00313_44956_7341.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_WSM_1PNPDE20101005_182645_000001162093_00313_44956_8063.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44956 | 313 | 5.03 |
| ASA_WSM_1PNPDK20101005_190747_000002942093_00314_44957_7368.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_WSM_1PNPDE20101005_200655_000001282093_00314_44957_8068.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44957 | 314 | 5.03 |
| ASA_WSM_1PNPDE20101005_201617_000003302093_00314_44957_8069.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44957 | 314 | 5.03 |
| ASA_WSM_1PNPDK20101005_204443_000000922093_00315_44958_7391.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDK20101005_204745_000002452093_00315_44958_7396.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDE20101005_205253_000001282093_00315_44958_8082.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDE20101005_205528_000001652093_00315_44958_8083.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDE20101005_212923_000000862093_00315_44958_8084.N1 |      |     |             |          |          | SS1         | V/V | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDE20101005_214849_000001472093_00315_44958_8072.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44958 | 315 | 5.03 |
| ASA_WSM_1PNPDK20101005_222635_000000862093_00316_44959_7422.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44959 | 316 | 5.03 |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8253.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44959 | 316 | 5.03 |
| ASA_WSM_1PNPDE20101005_223210_000006002093_00316_44959_8141.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44959 | 316 | 5.03 |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8255.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44959 | 316 | 5.03 |
| ASA_WSM_1PNPDE20101005_232659_000002942093_00316_44959_8134.N1 |      |     |             |          |          | SS1         | H/H | 93 | 44959 | 316 | 5.03 |

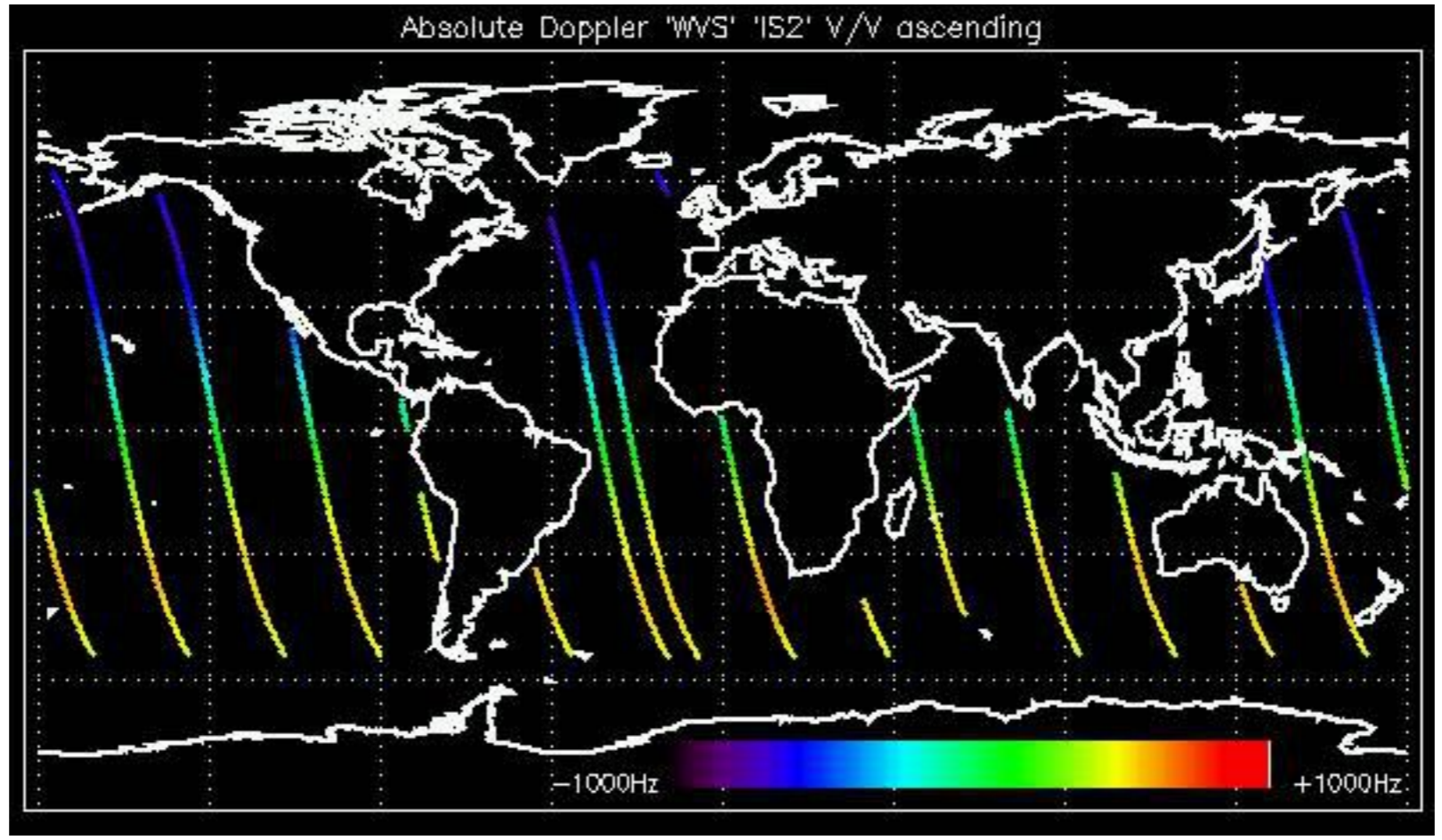
| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WVS_1PNPDE20101005_000423_000002852093_00302_44945_7877.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44945 | 302 | 5.03 |
| ASA_WVS_1PNPDE20101005_000823_000015592093_00302_44945_7899.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44945 | 302 | 5.03 |
| ASA_WVS_1PNPDE20101005_005744_000001342093_00303_44946_7901.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WVS_1PNPDE20101005_012040_000002852093_00303_44946_7904.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WVS_1PNPDE20101005_014508_000001042093_00303_44946_7905.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WVS_1PNPDE20101005_014553_000003152093_00303_44946_7924.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WVS_1PNPDE20101005_014508_000001042093_00303_44946_7905.N1 |      |     |             |          |          | IS1         | V/V | 93 | 44946 | 303 | 5.03 |
| ASA_WVS_1PNPDE20101005_025240_000004792093_00304_44947_7922.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WVS_1PNPDE20101005_030025_000003302093_00304_44947_7954.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WVS_1PNPDE20101005_033221_000002692093_00304_44947_7953.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WVS_1PNPDE20101005_034114_000001192093_00304_44947_7951.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44947 | 304 | 5.03 |
| ASA_WVS_1PNPDE20101005_042930_000007942093_00305_44948_7948.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44948 | 305 | 5.03 |
| ASA_WVS_1PNPDE20101005_044230_000002402093_00305_44948_7979.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44948 | 305 | 5.03 |
| ASA_WVS_1PNPDE20101005_050620_000013342093_00305_44948_7977.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44948 | 305 | 5.03 |
| ASA_WVS_1PNPDE20101005_060745_000004342093_00306_44949_7975.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
| ASA_WVS_1PNPDE20101005_061952_000001942093_00306_44949_7973.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
| ASA_WVS_1PNPDK20101005_062252_000002552093_00306_44949_7119.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
| ASA_WVS_1PNPDK20101005_064656_000018892093_00306_44949_7121.N1 |      |     |             |          |          | IS2         | V/V | 93 | 44949 | 306 | 5.03 |
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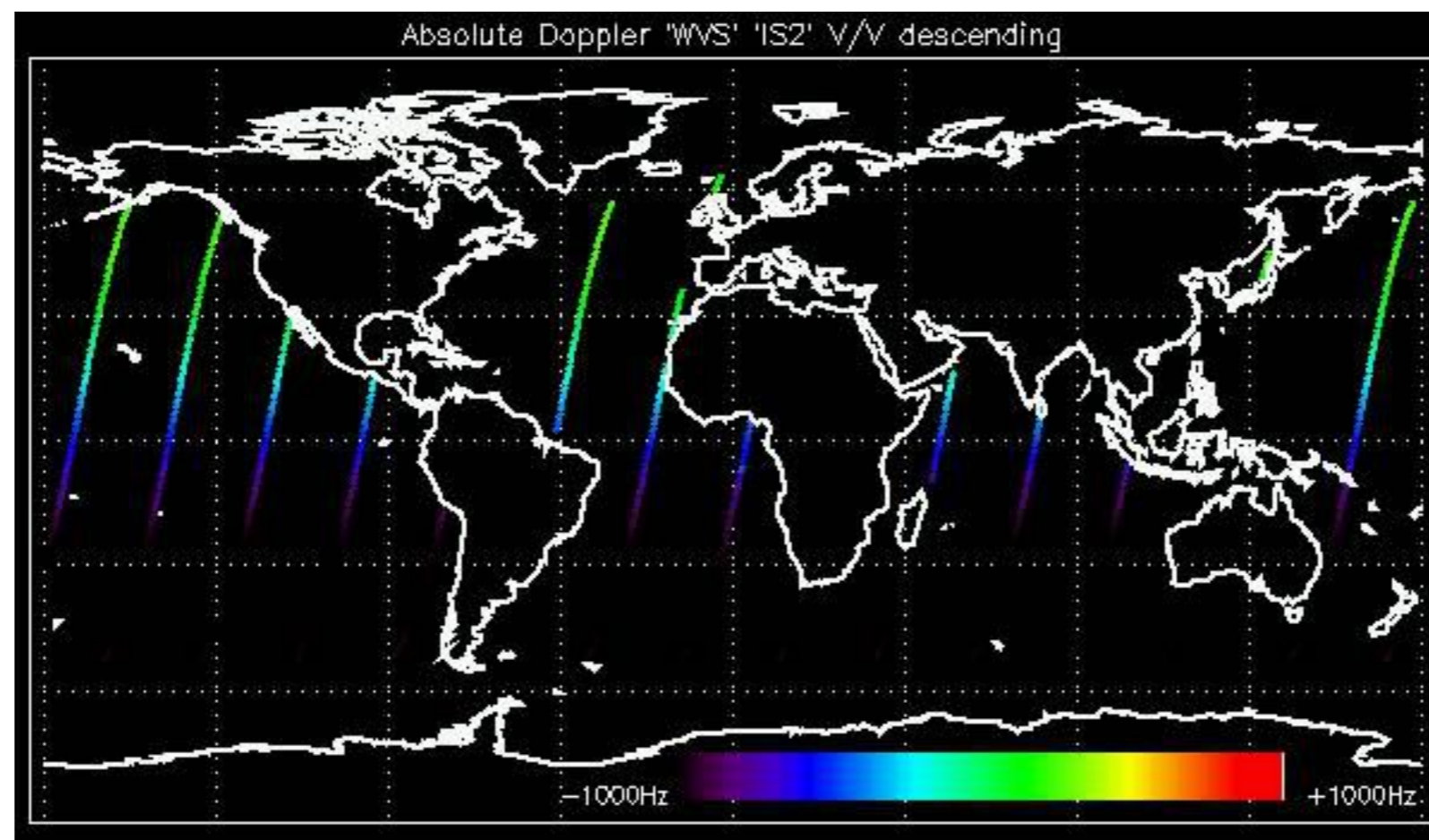


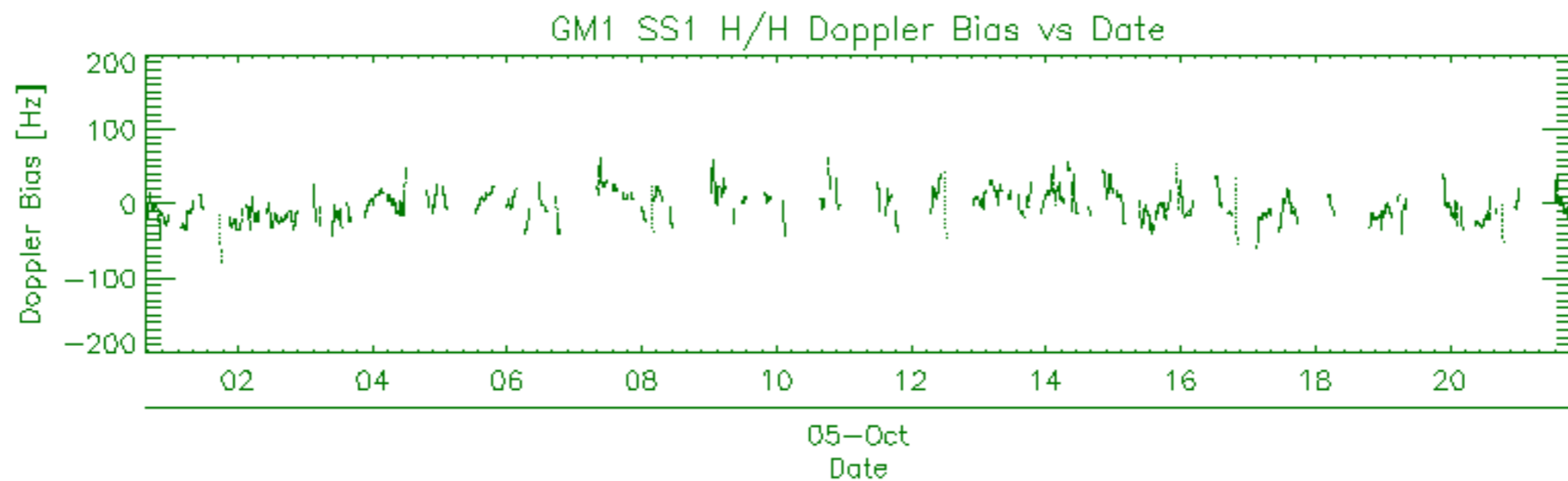
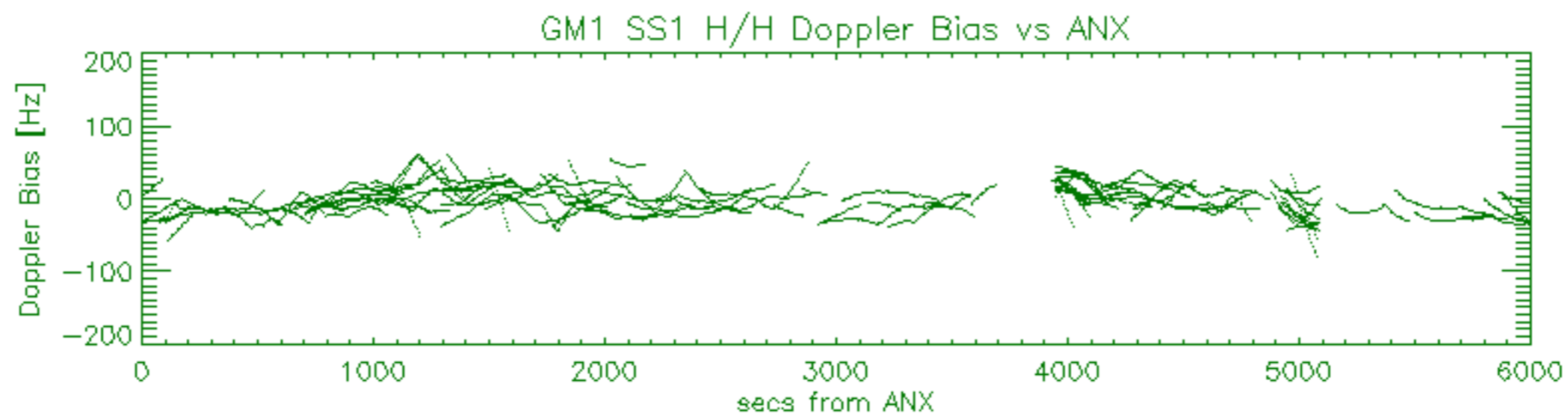
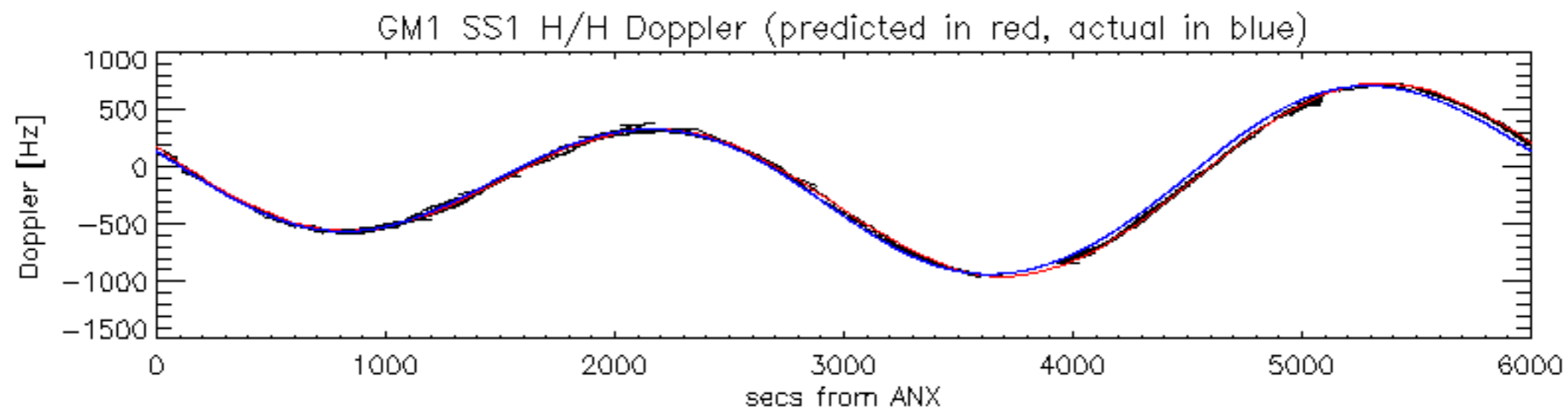


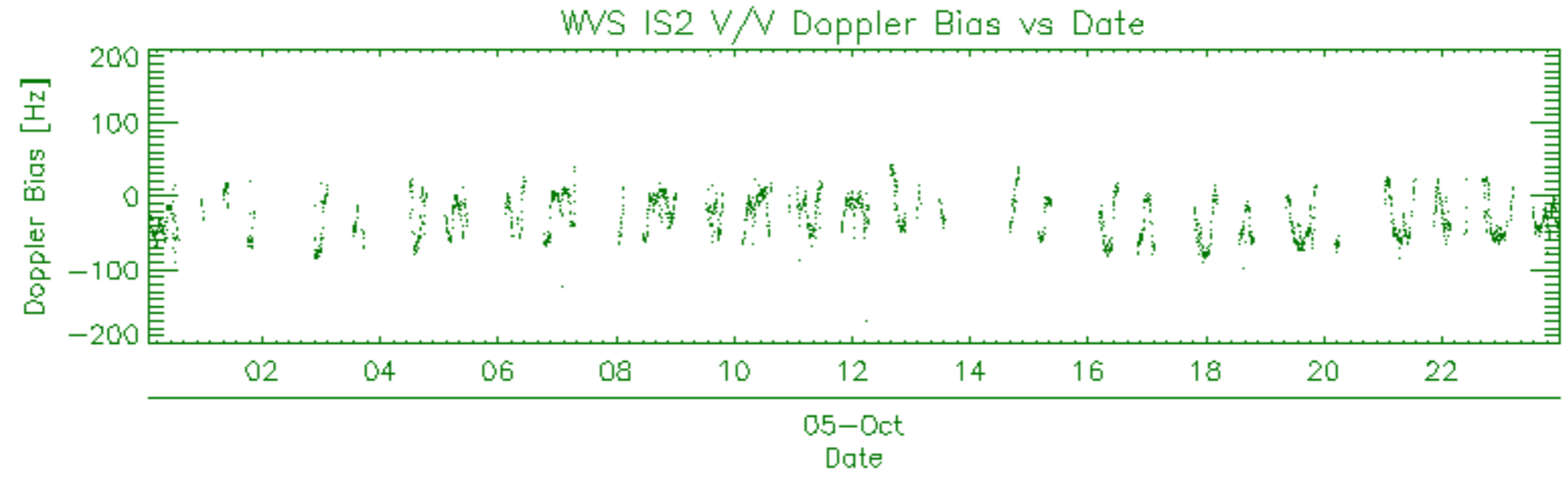
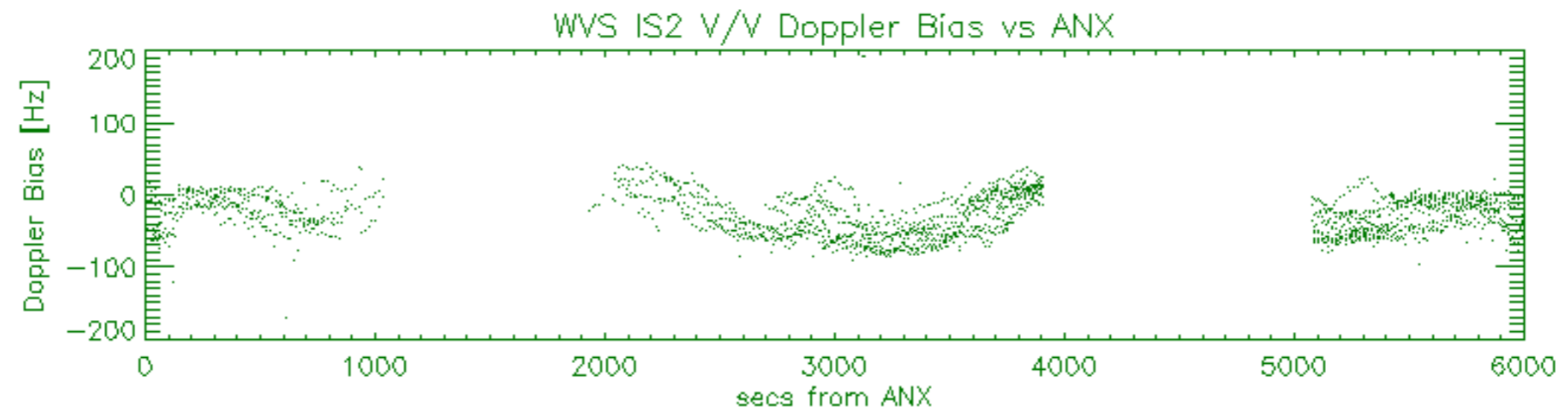
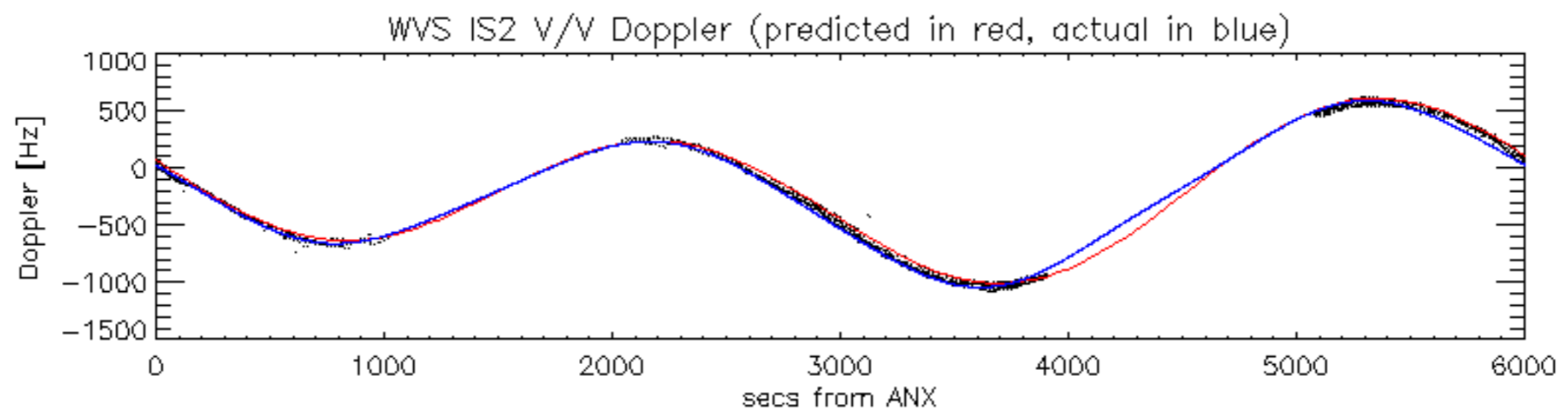




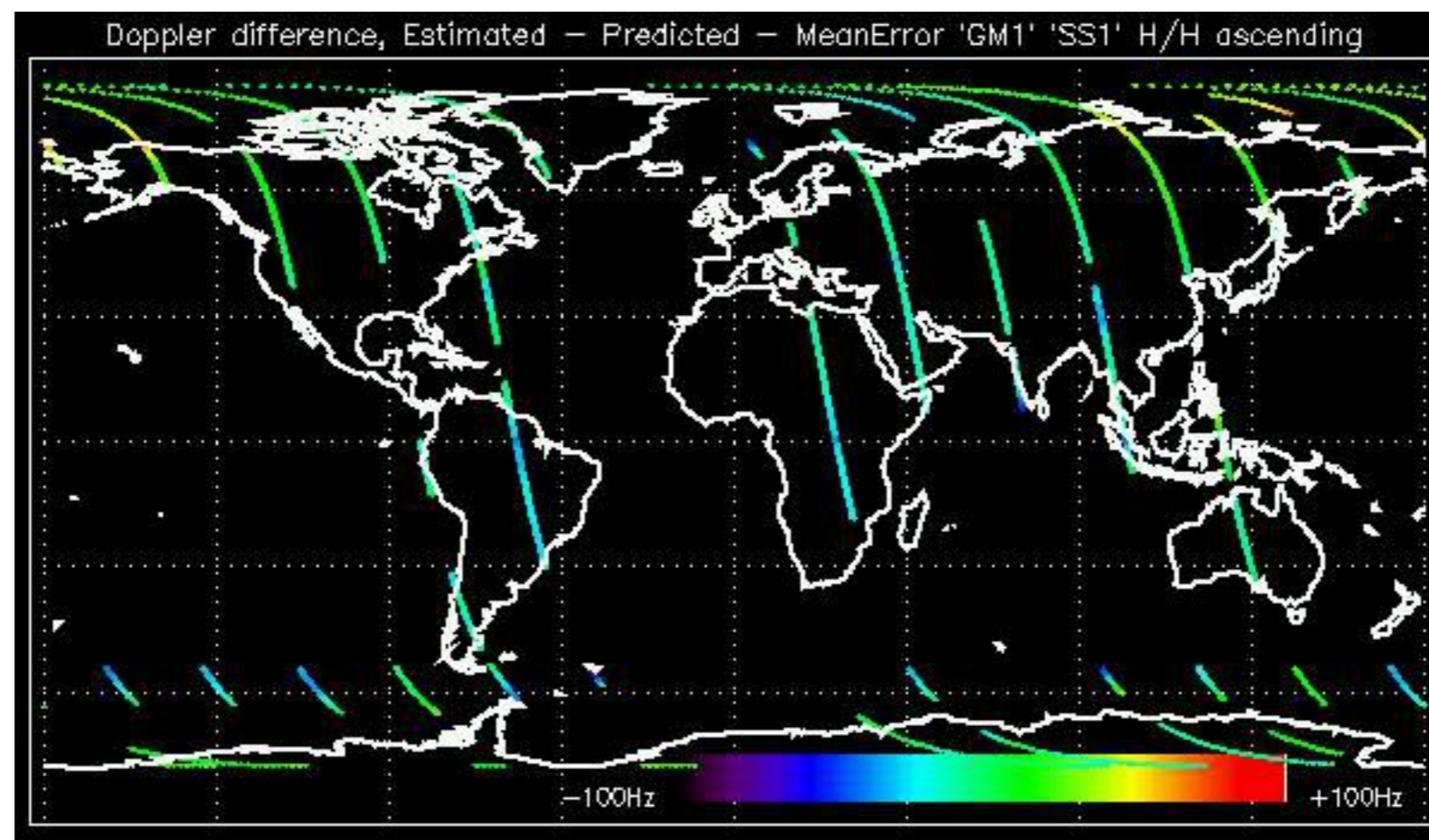


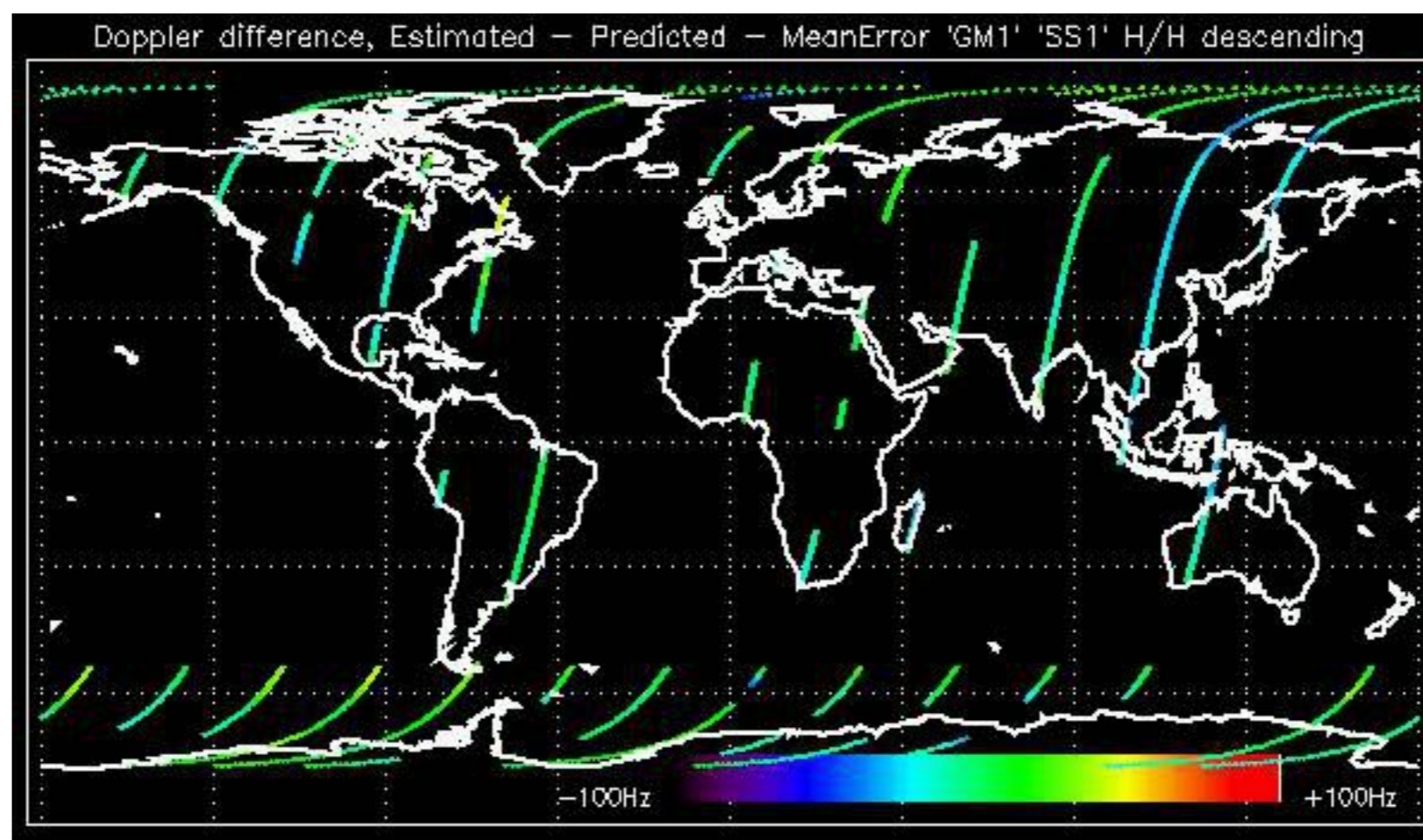


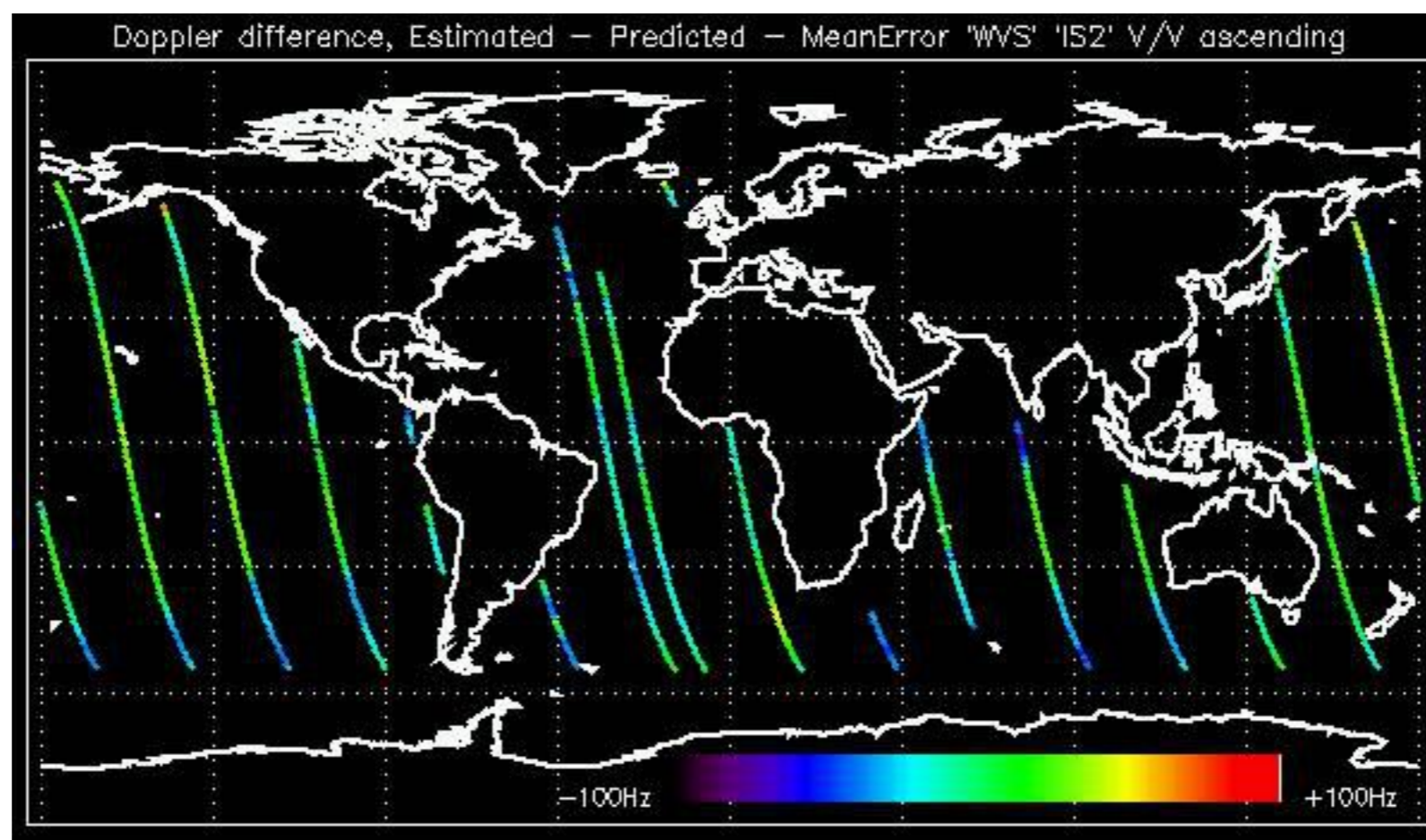




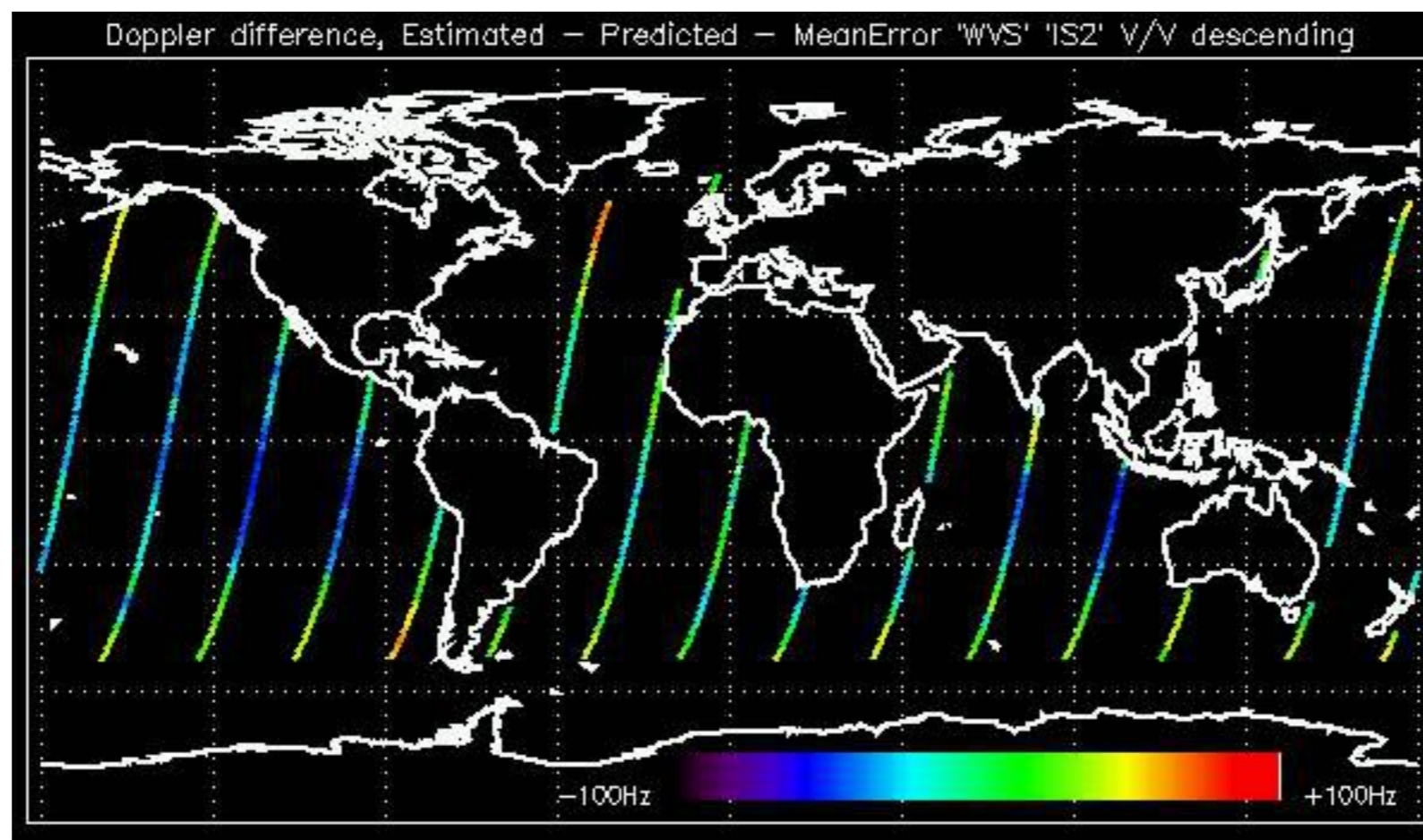




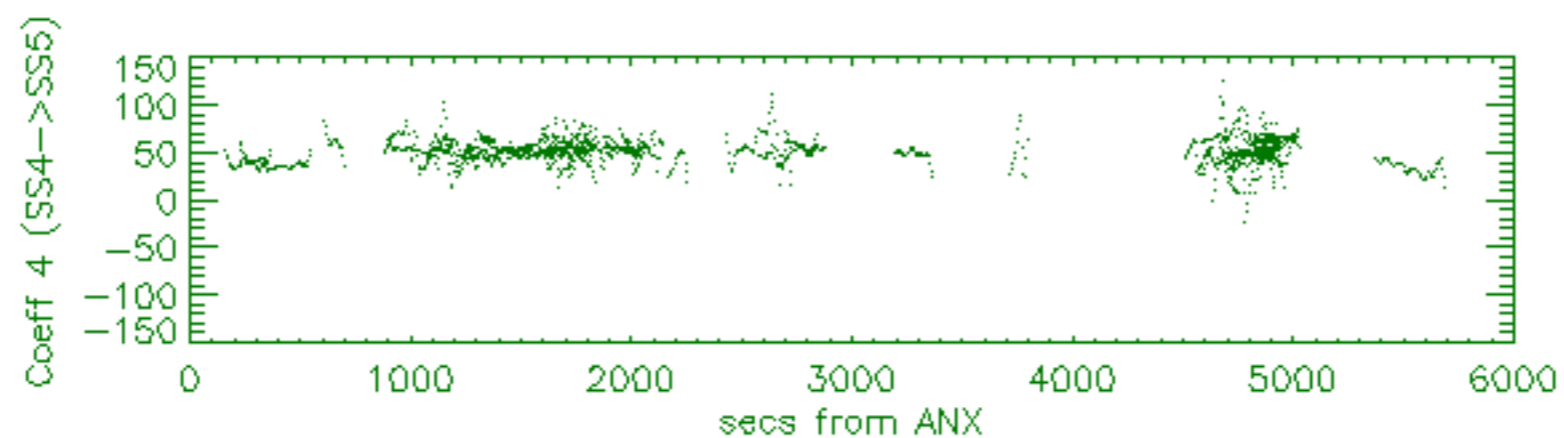
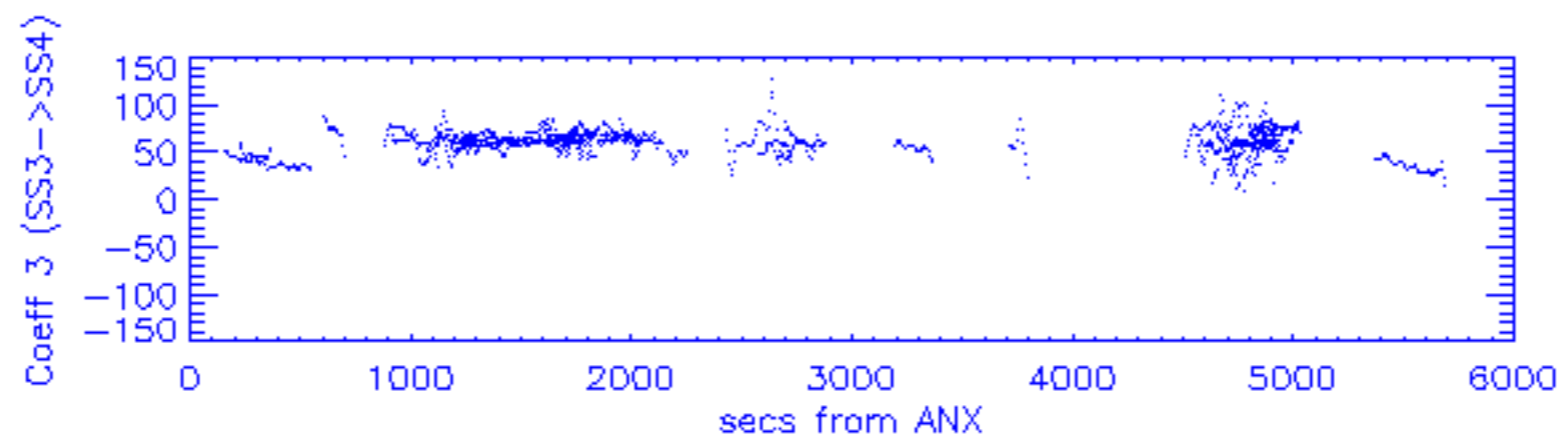
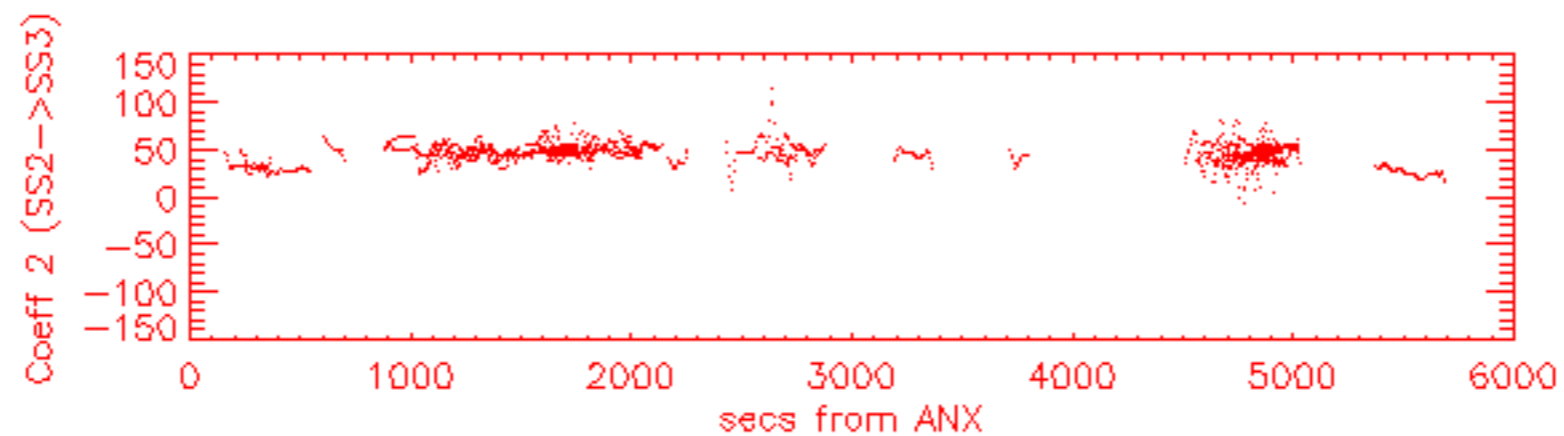
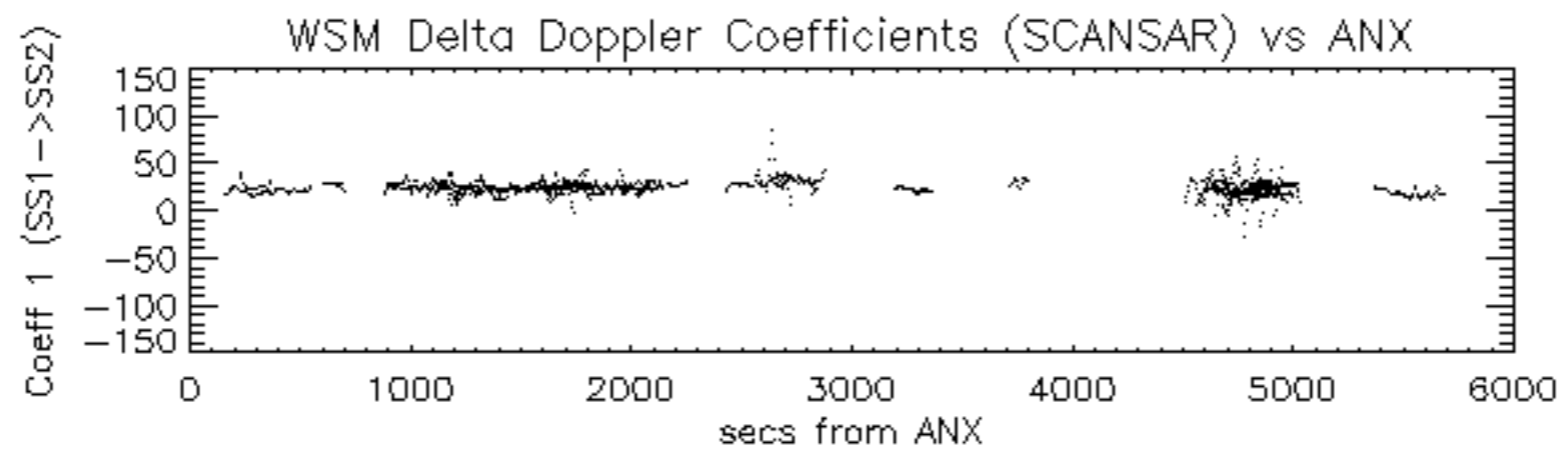


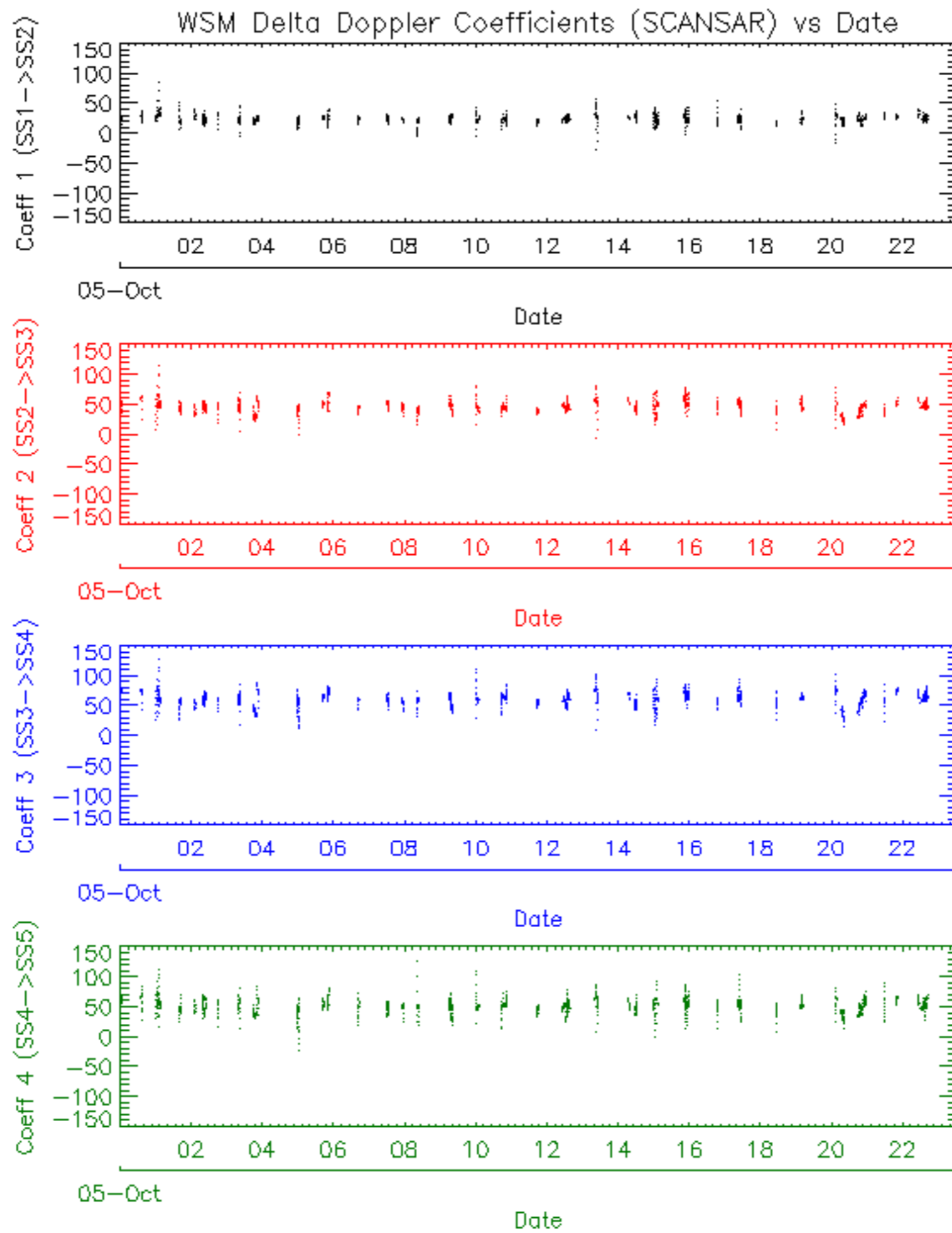






















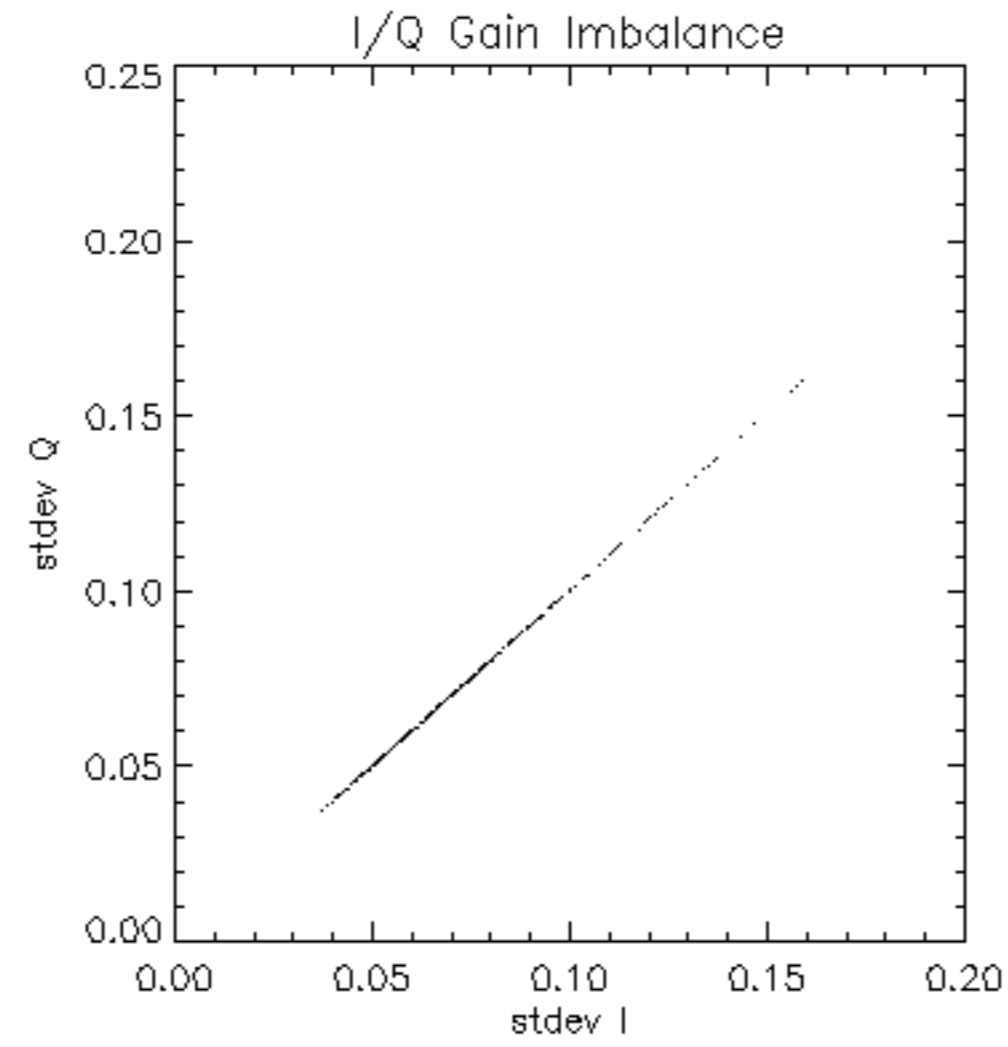


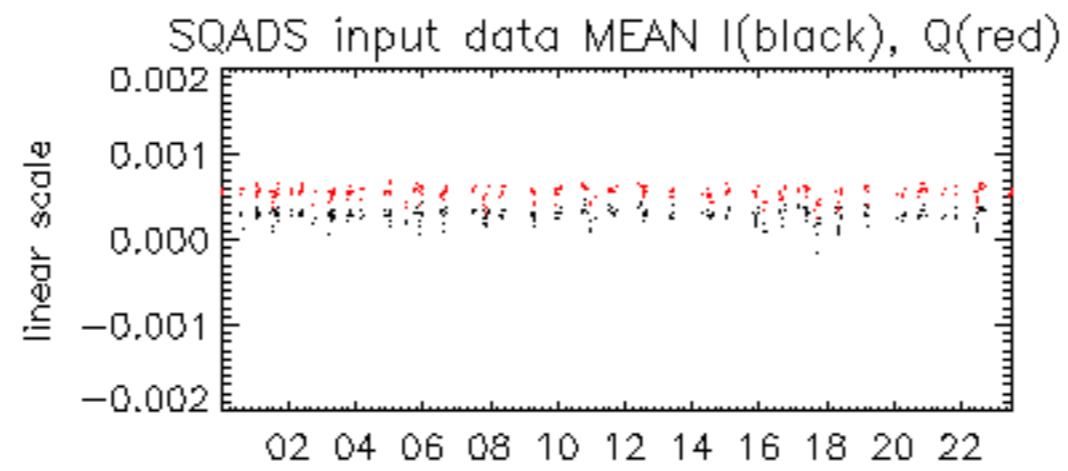




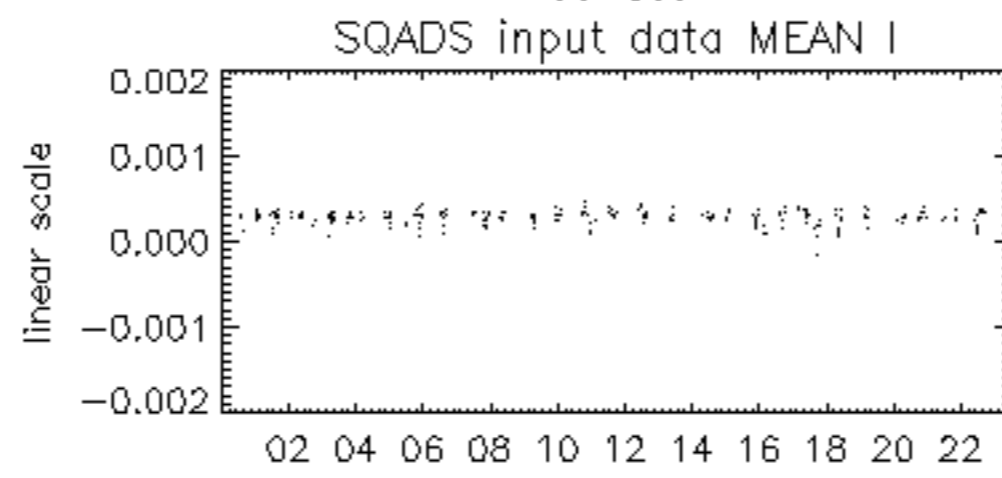




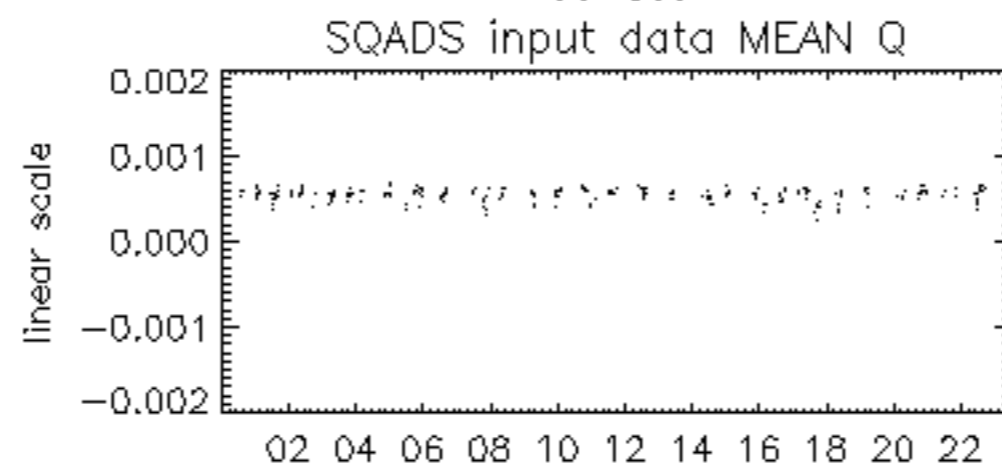




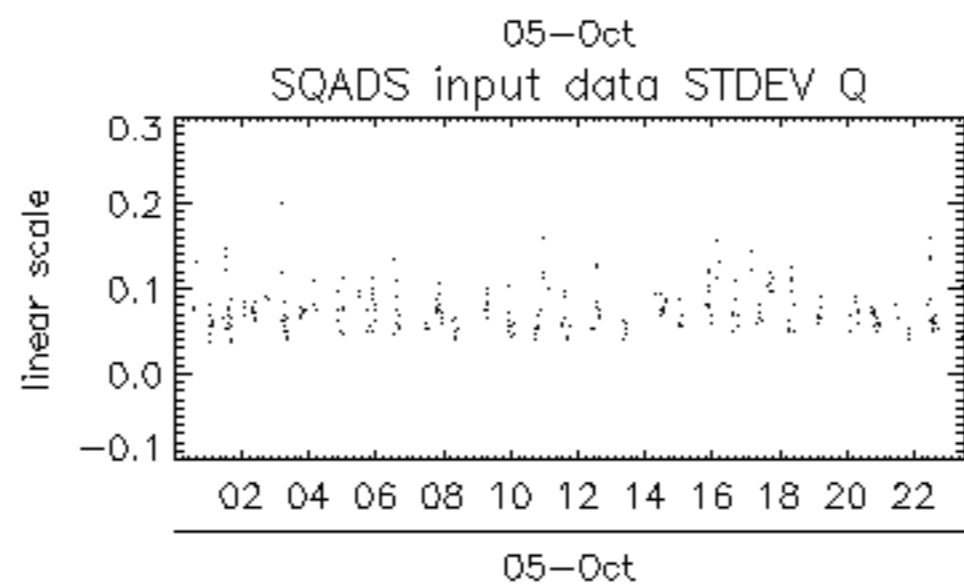
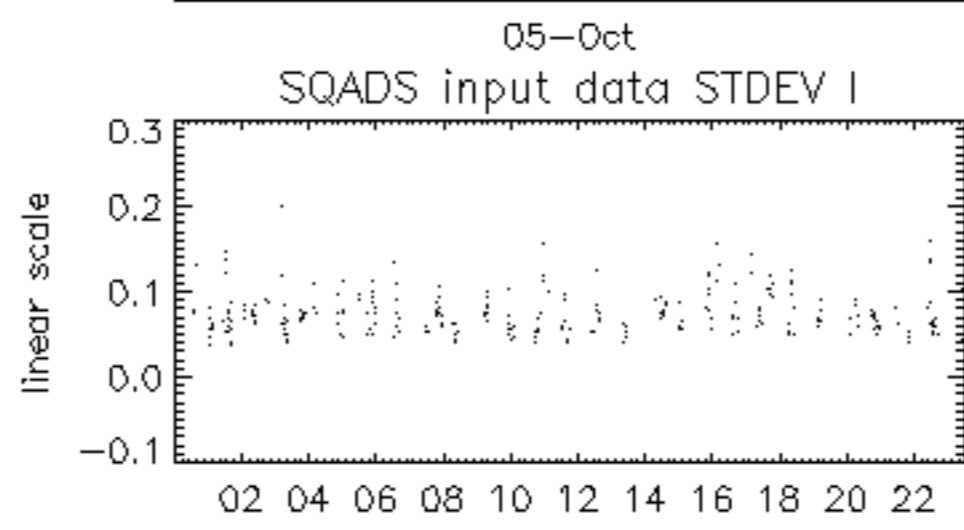
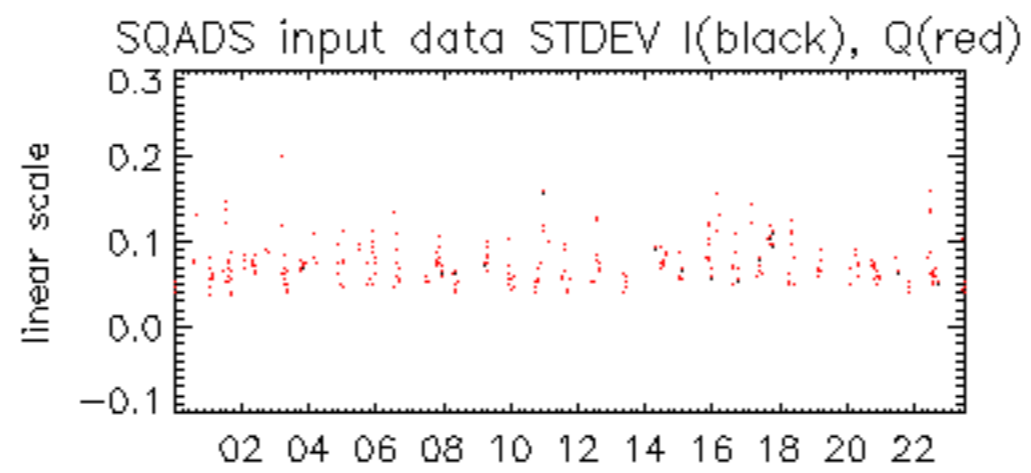
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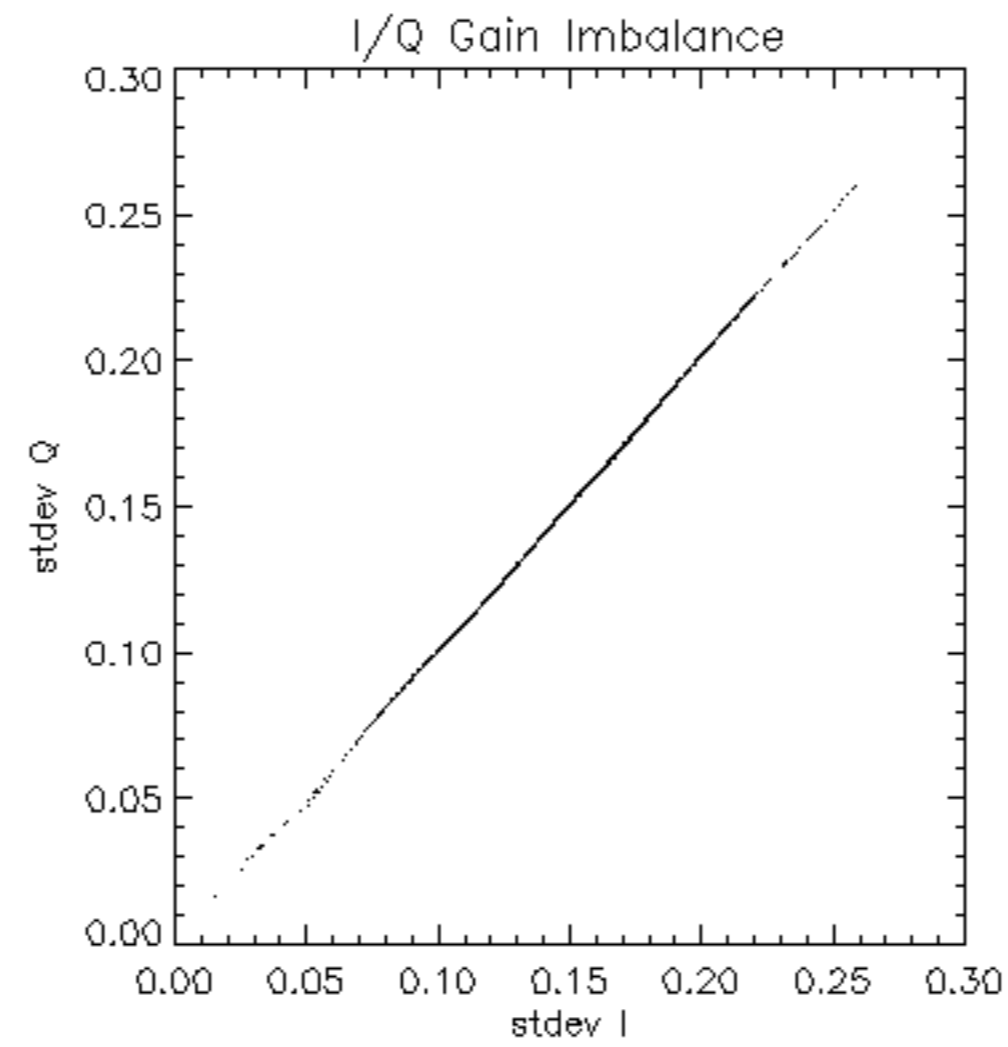
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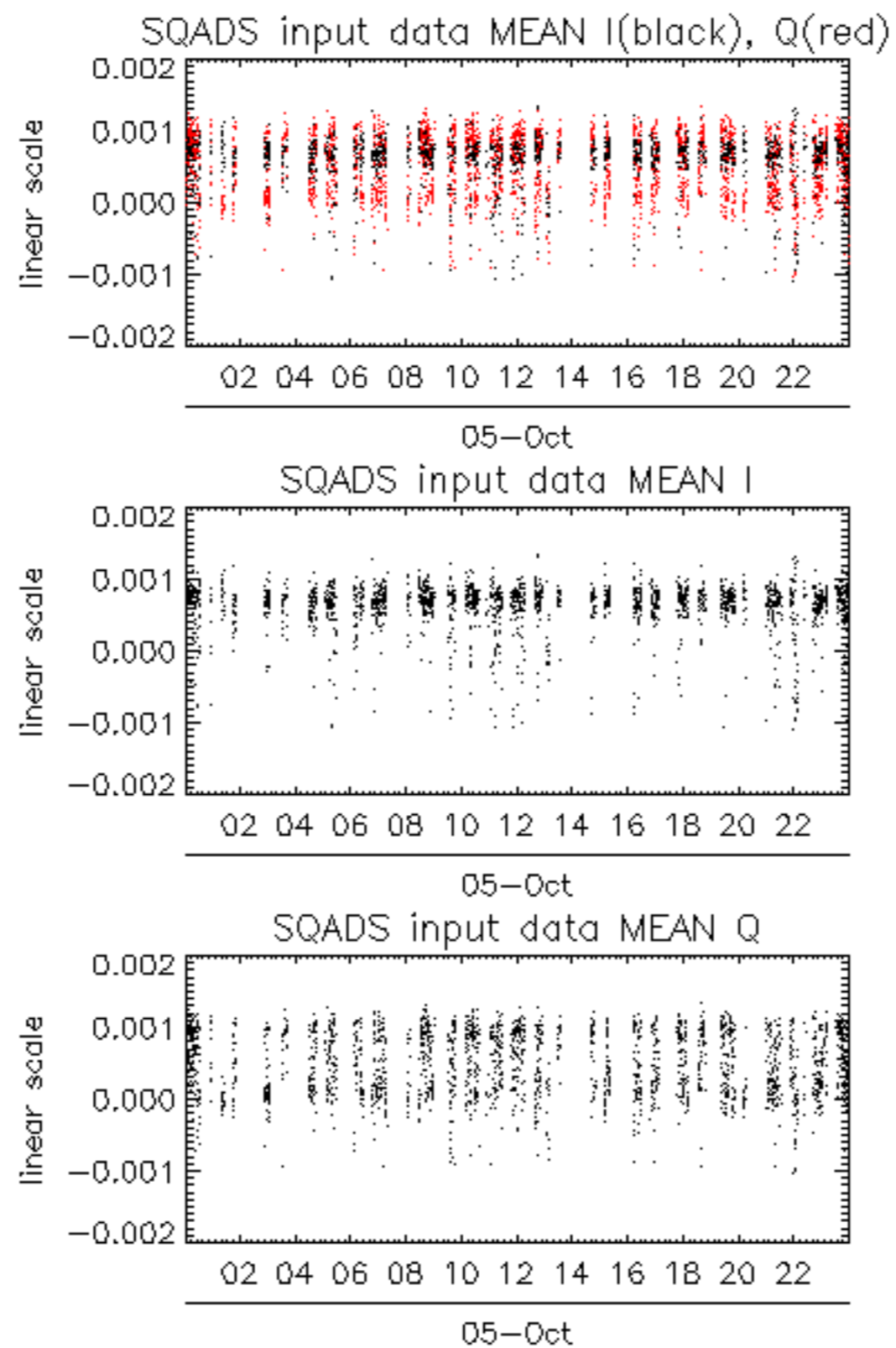


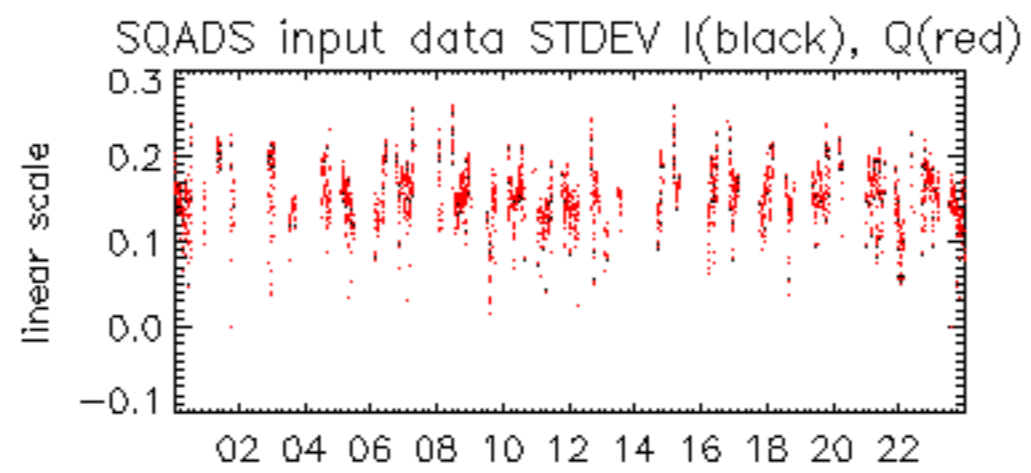
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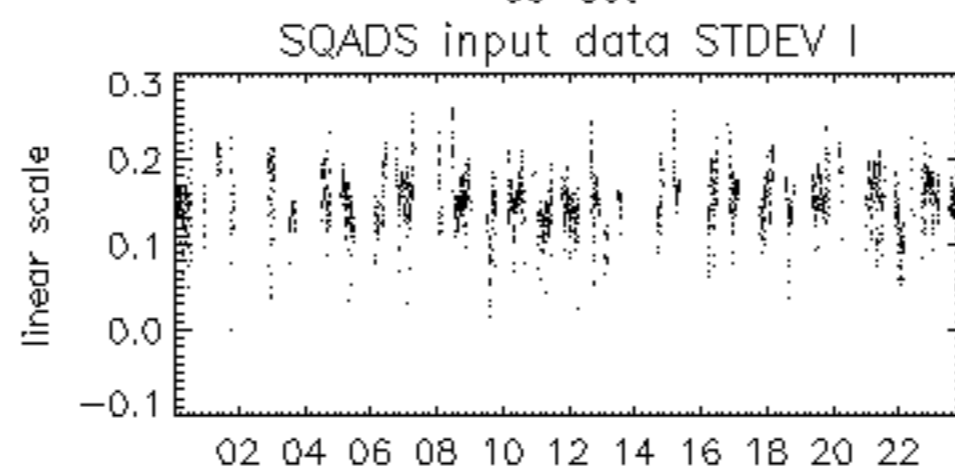




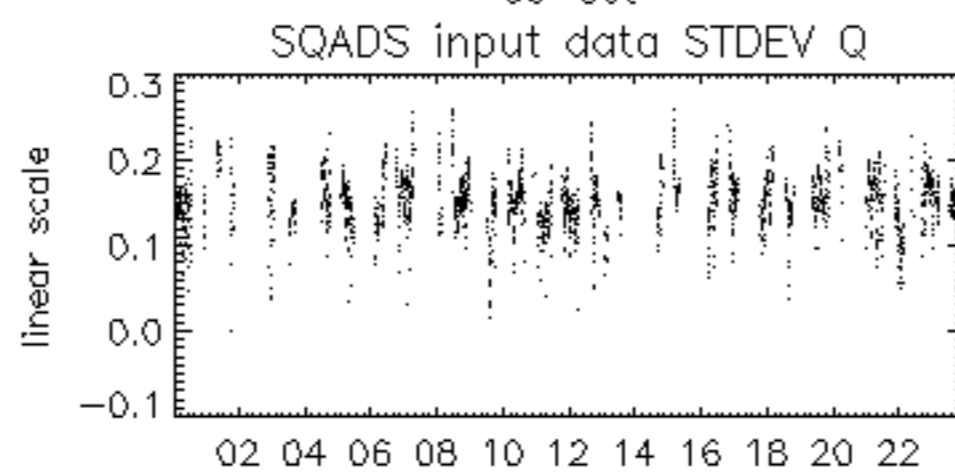




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