



Analysis from 19-JUN-2010 00:00:00 to 19-JUN-2010 23:59:59. Page generated on 20-JUN-2010 07:32:21.  
View log file: ASAR\_Daily\_Report\_20100620\_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |   | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 5  | PDE    | WS   | H/H | 30 | PDE    | IS4  | H/H | 1 | PDE    | IS1  | H/H | 1 | PDE    | WS   | H/H | 28 | PDE    | 2010-06-19 03:02:27 | H   | 320     |
| PDE    | IS2  | V/V | 24 | PDK    | WS   | H/H | 52 | PDE    | IS4  | V/H | 2 | PDE    | IS1  | V/V | 1 | PDE    | WS   | V/V | 11 |        |                     |     |         |
| PDK    | IS2  | V/V | 27 |        |      |     |    | PDE    | IS4  | V/V | 1 | PDE    | IS2  | H/H | 7 | PDK    | WS   | H/H | 16 |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS2  | V/V | 9 | PDK    | WS   | V/V | 1  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS3  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS4  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 2 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | 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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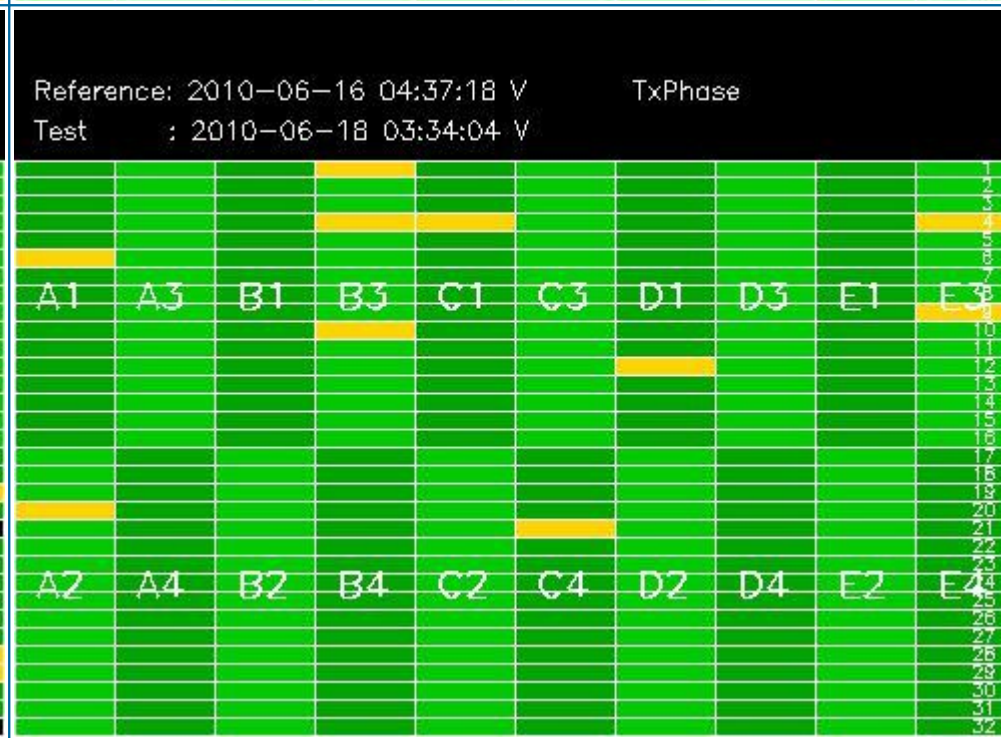
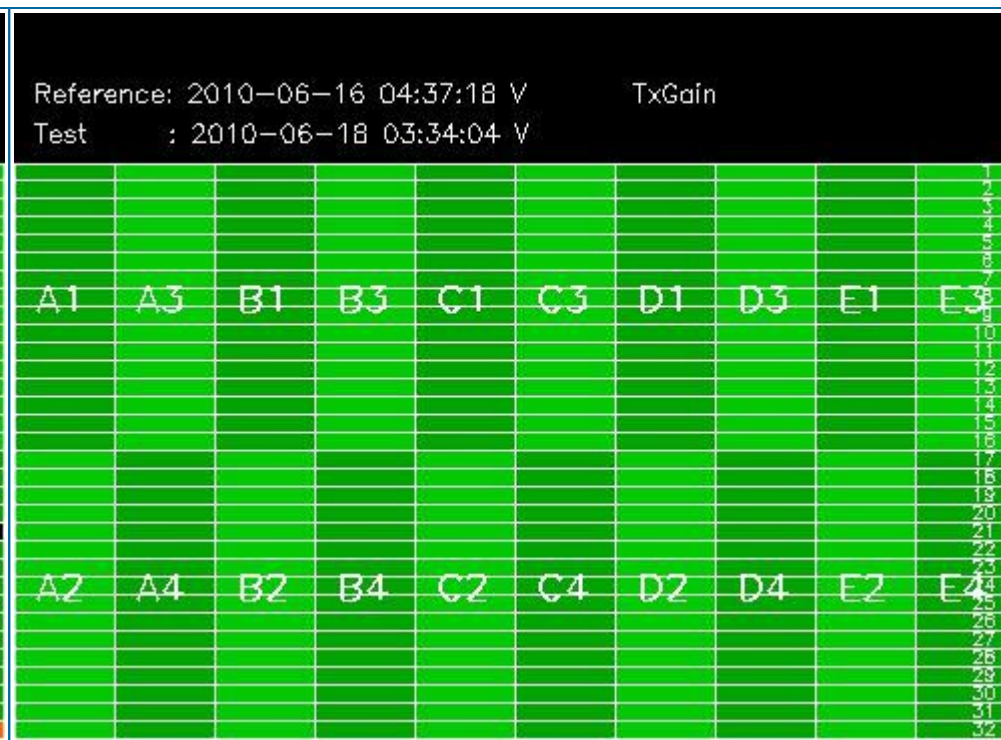
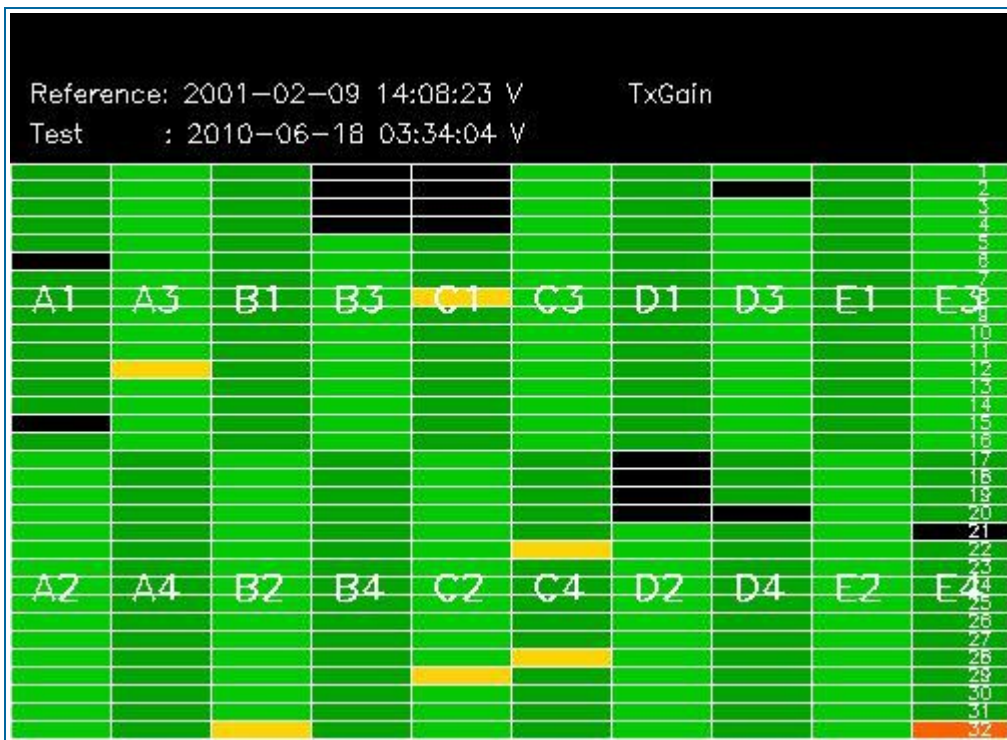
| Product | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|---------|---------|---------|---------|---------|
| WVS     | 0       | 0       | 0       | 0       |
| GM1     | 0       | 0       | 0       | 0       |
| APM     | 0       | 0       | 0       | 0       |
| IMM     | 0       | 0       | 0       | 0       |
| WSM     | 0       | 0       | 0       | 0       |

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS

| SECOND FIXED REFERENCE  |    |    |    |    |    |    |    |    |    | PREVIOUS PRODUCT REFERENCE  |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|
| Pre-launch reference (2001-02-09)   |    |    |    |    |    |    |    |    |    | Previous product in the same polarisation                                   |    |    |    |    |    |    |    |    |    |
| Reference: 2001-02-09 14:08:23 V<br>Test : 2010-06-18 03:34:04 V<br>RxGain  |    |    |    |    |    |    |    |    |    | Reference: 2010-06-16 04:37:18 V<br>Test : 2010-06-18 03:34:04 V<br>RxGain  |    |    |    |    |    |    |    |    |    |
| A1  | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 | A1  | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 |
| A2  | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 | A2  | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 |
| Reference: 2001-02-09 14:08:23 V<br>Test : 2010-06-18 03:34:04 V<br>RxPhase |    |    |    |    |    |    |    |    |    | Reference: 2010-06-16 04:37:18 V<br>Test : 2010-06-18 03:34:04 V<br>RxPhase |    |    |    |    |    |    |    |    |    |
| A1  | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 | A1  | A3 | B1 | B3 | C1 | C3 | D1 | D3 | E1 | E3 |
| A2  | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 | A2  | A4 | B2 | B4 | C2 | C4 | D2 | D4 | E2 | E4 |



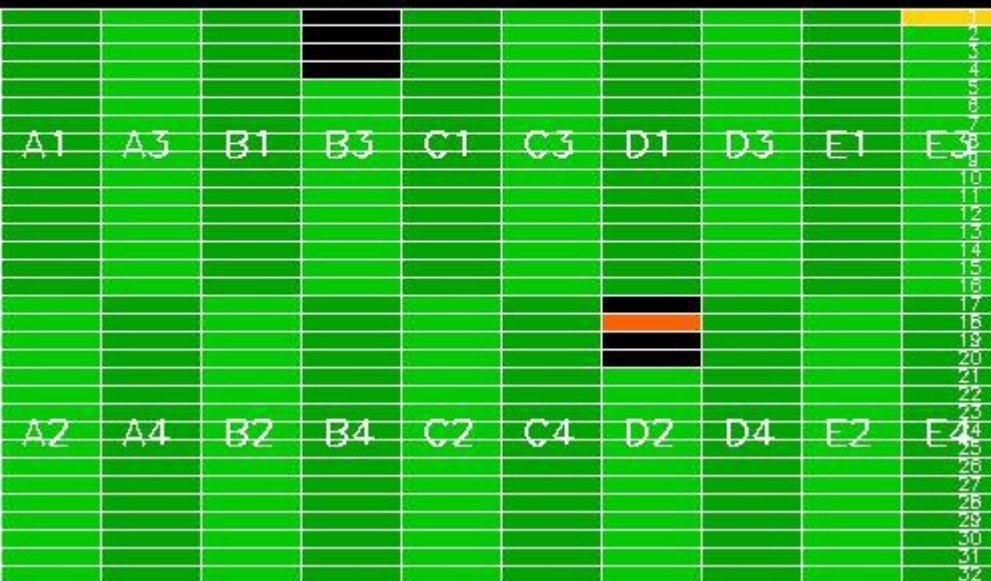


### 3.2 - H/H polarisation

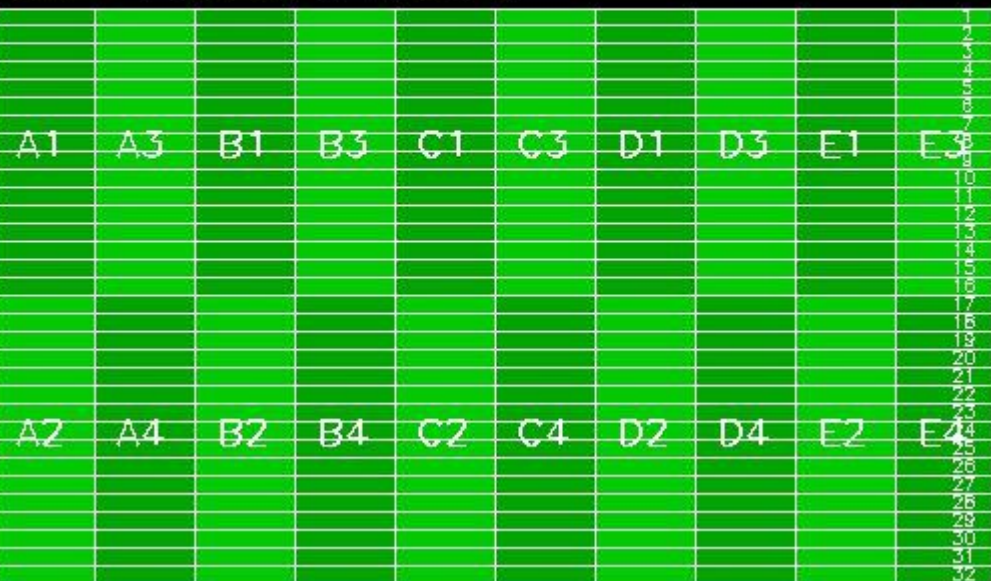
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| SECOND FIXED REFERENCE            | PREVIOUS PRODUCT REFERENCE                |
|-----------------------------------|---|
| Pre-launch reference (2001-02-09) | Previous product in the same polarisation |
|                                   |   |

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-06-19 03:02:27 H



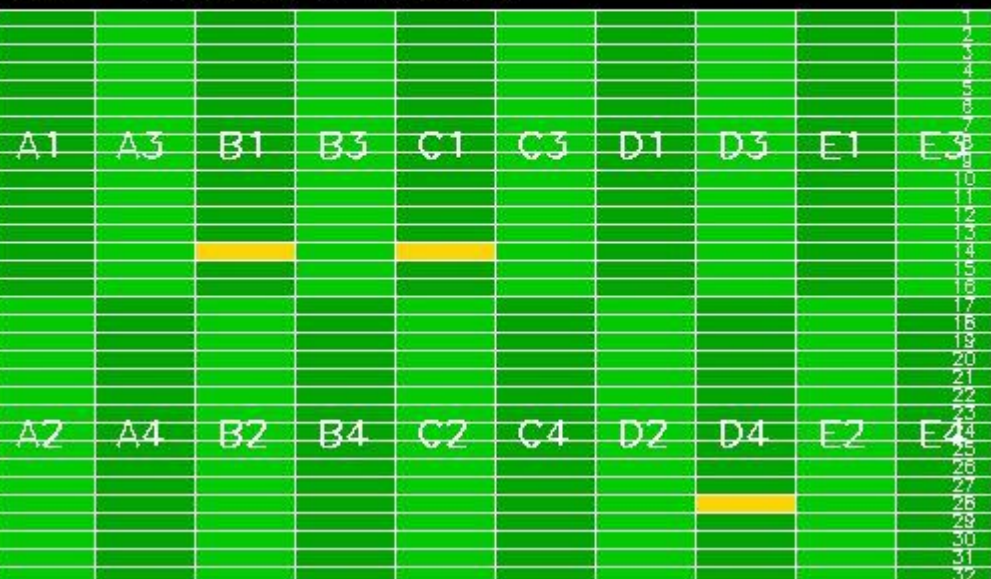
Reference: 2010-06-17 04:05:41 H RxGain  
 Test : 2010-06-19 03:02:27 H



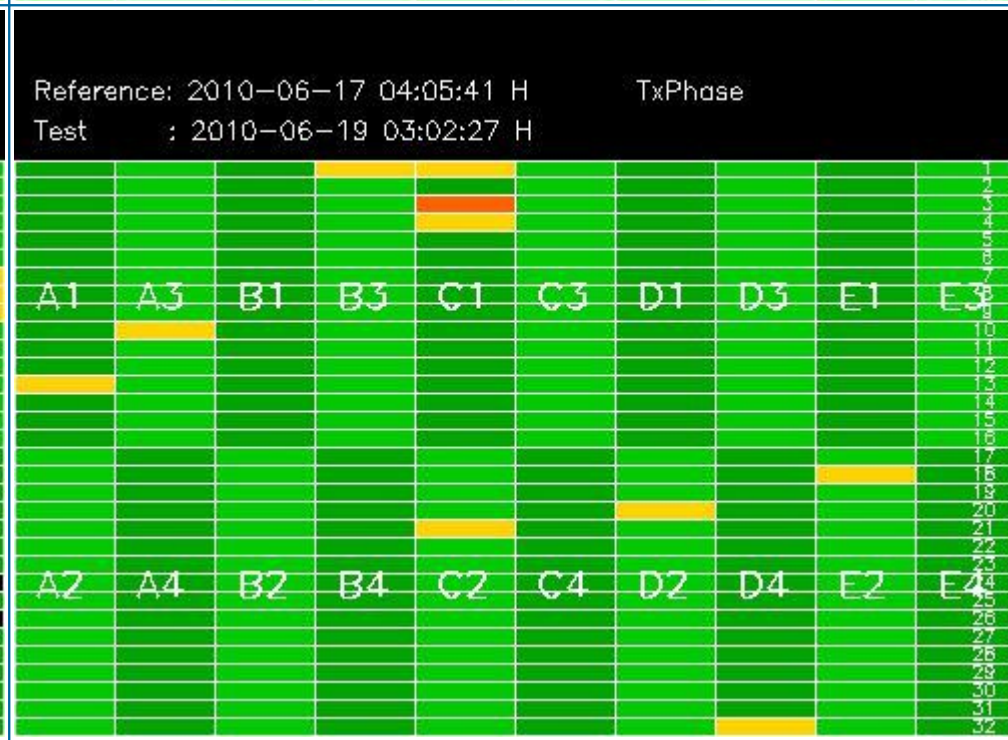
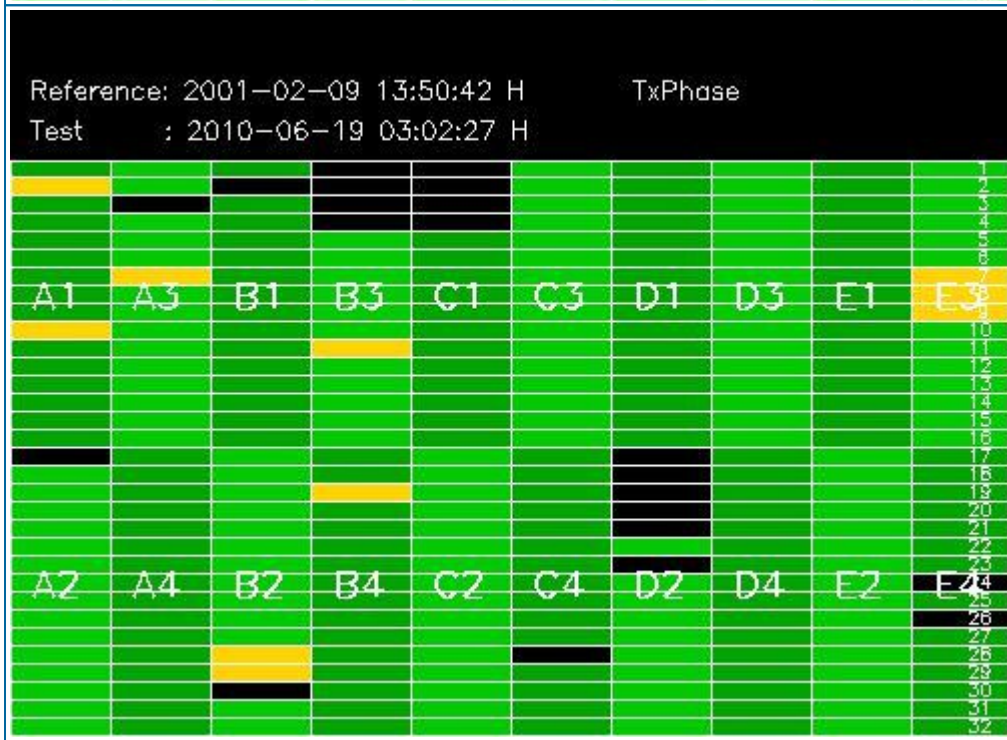
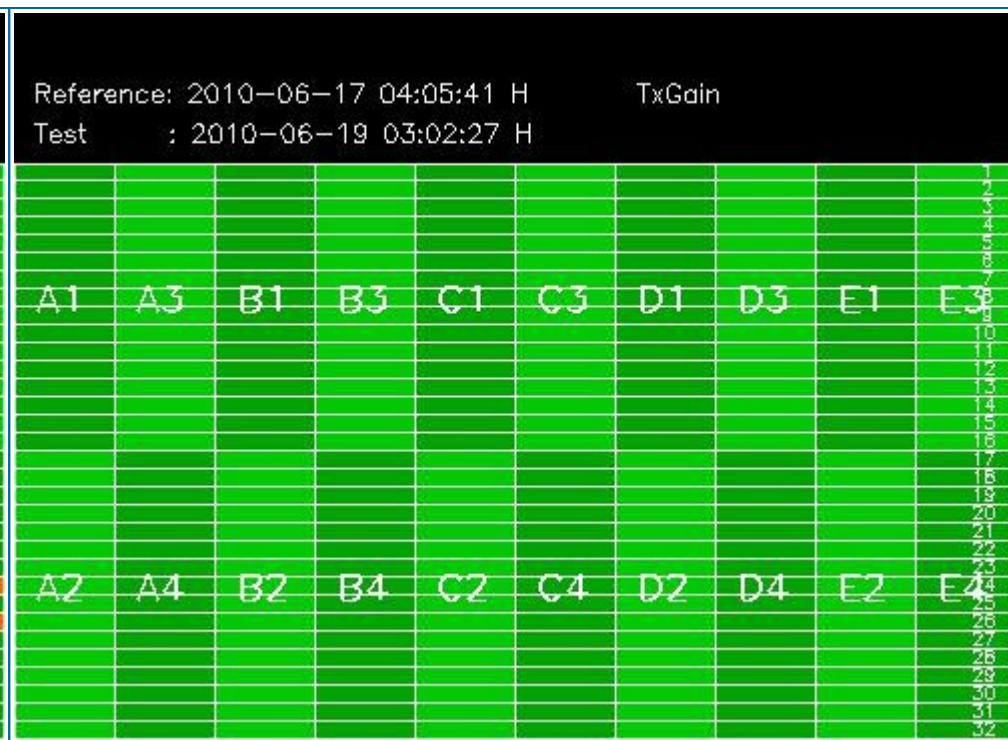
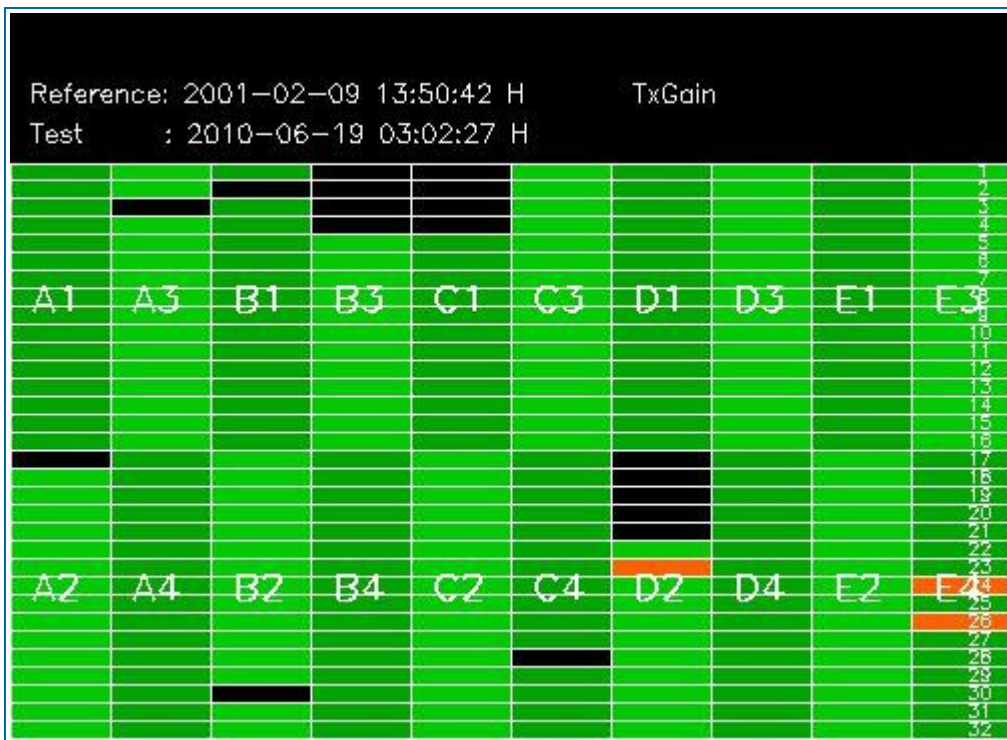
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-06-19 03:02:27 H



Reference: 2010-06-17 04:05:41 H RxPhase  
 Test : 2010-06-19 03:02:27 H







## 4 - CALIBRATION PULSES ANALYSIS

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

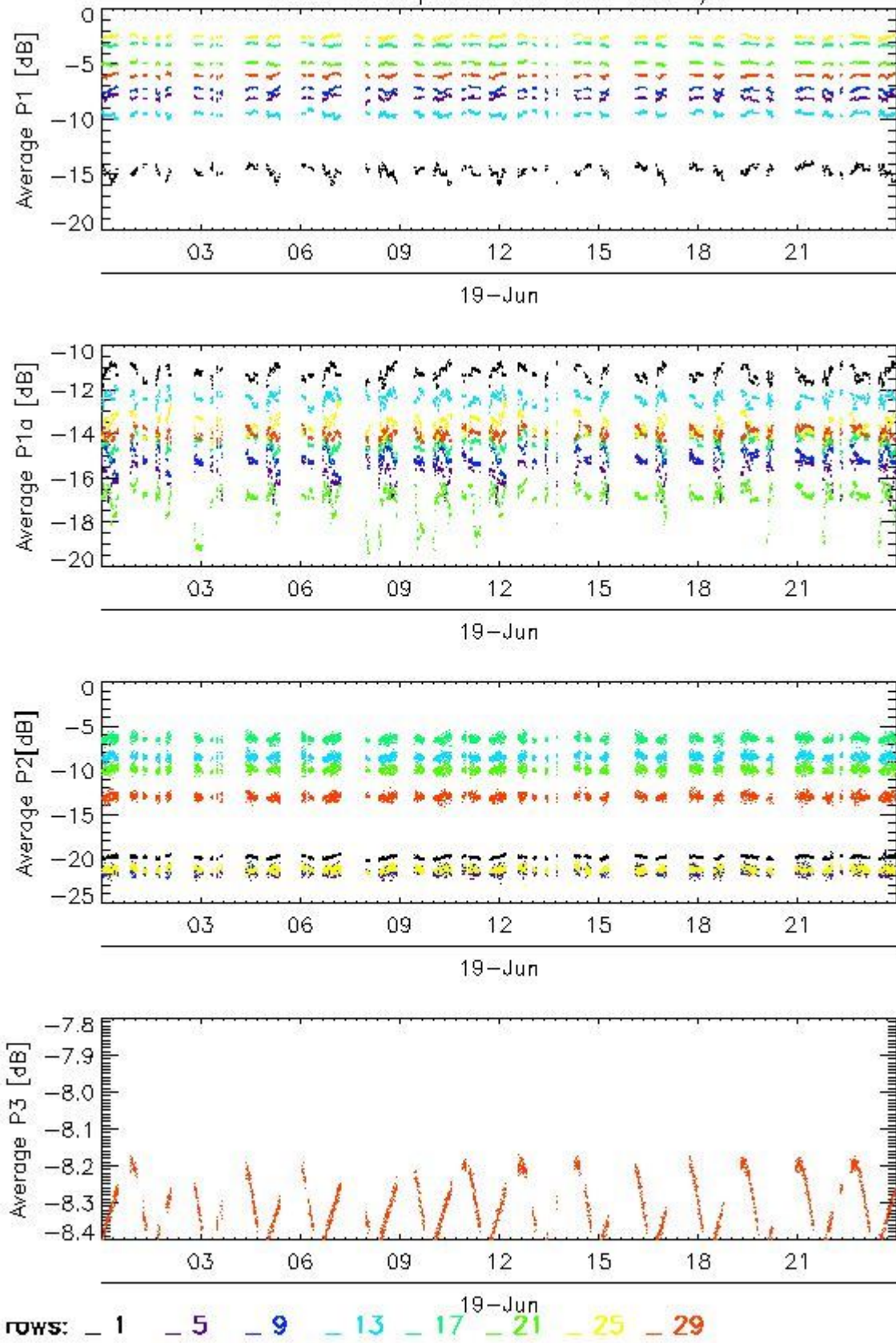
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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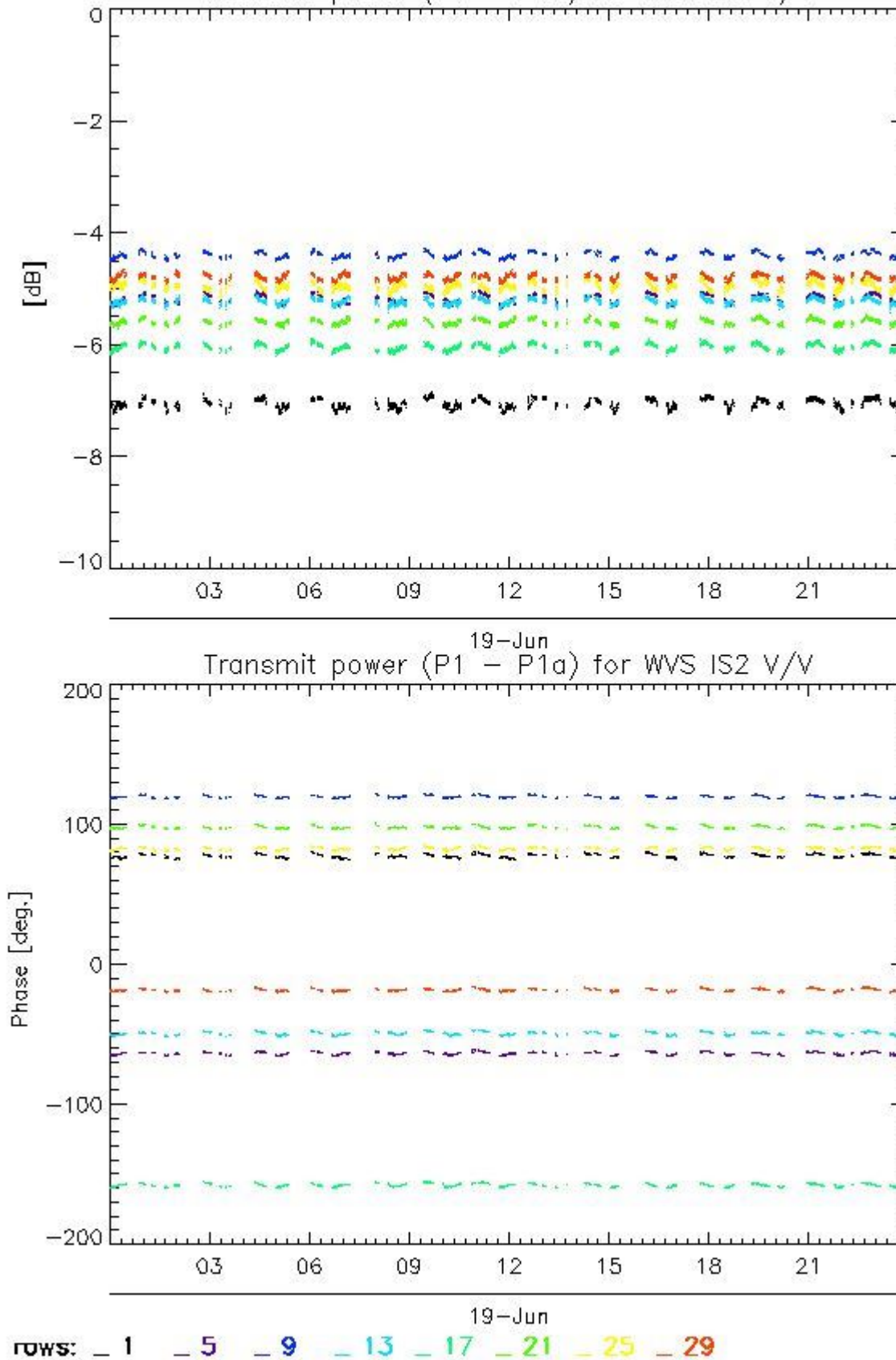
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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 WWS IS2 V/V



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

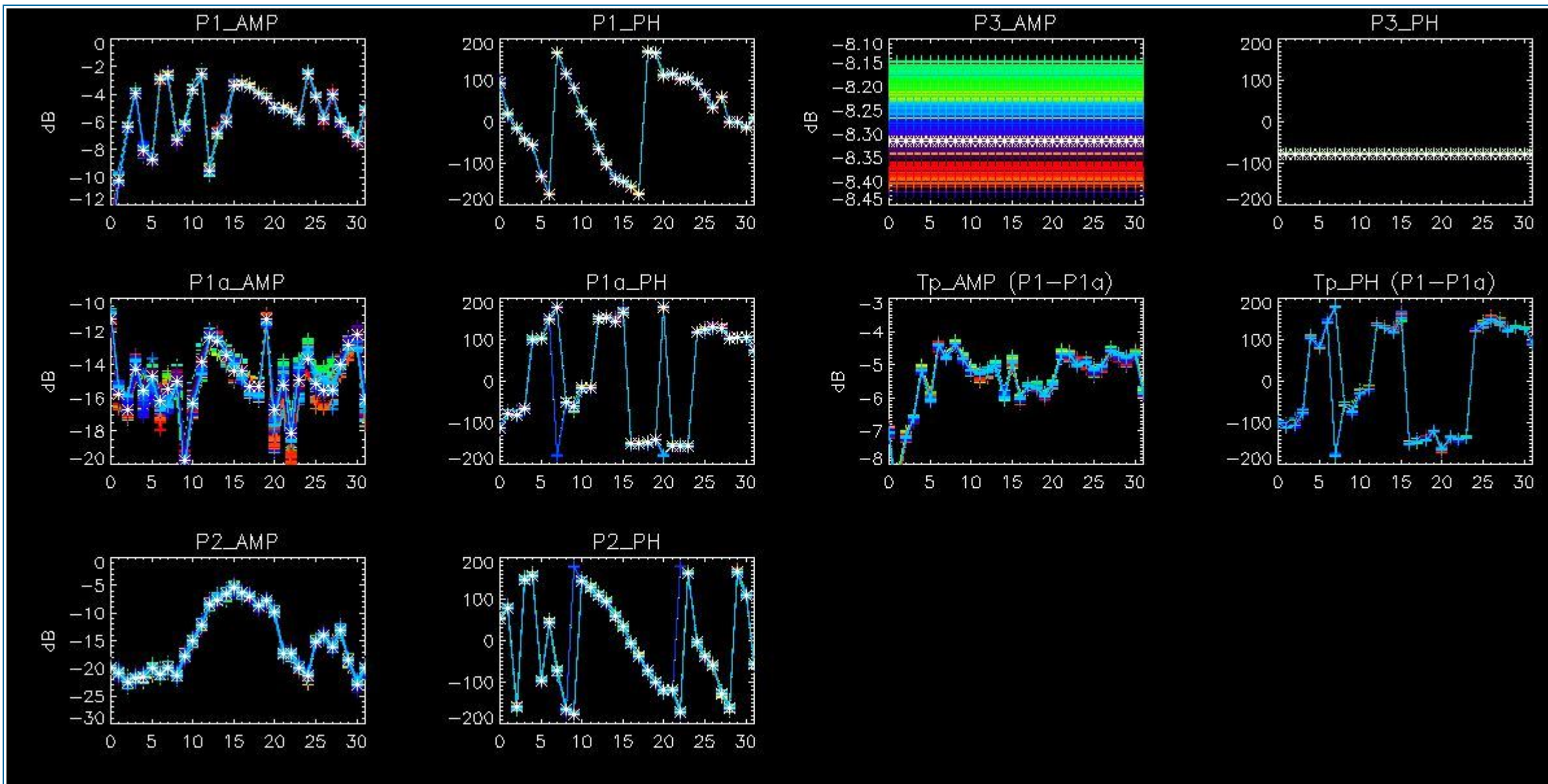


#### 4.1.2 - All Rows Analysis for WWS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

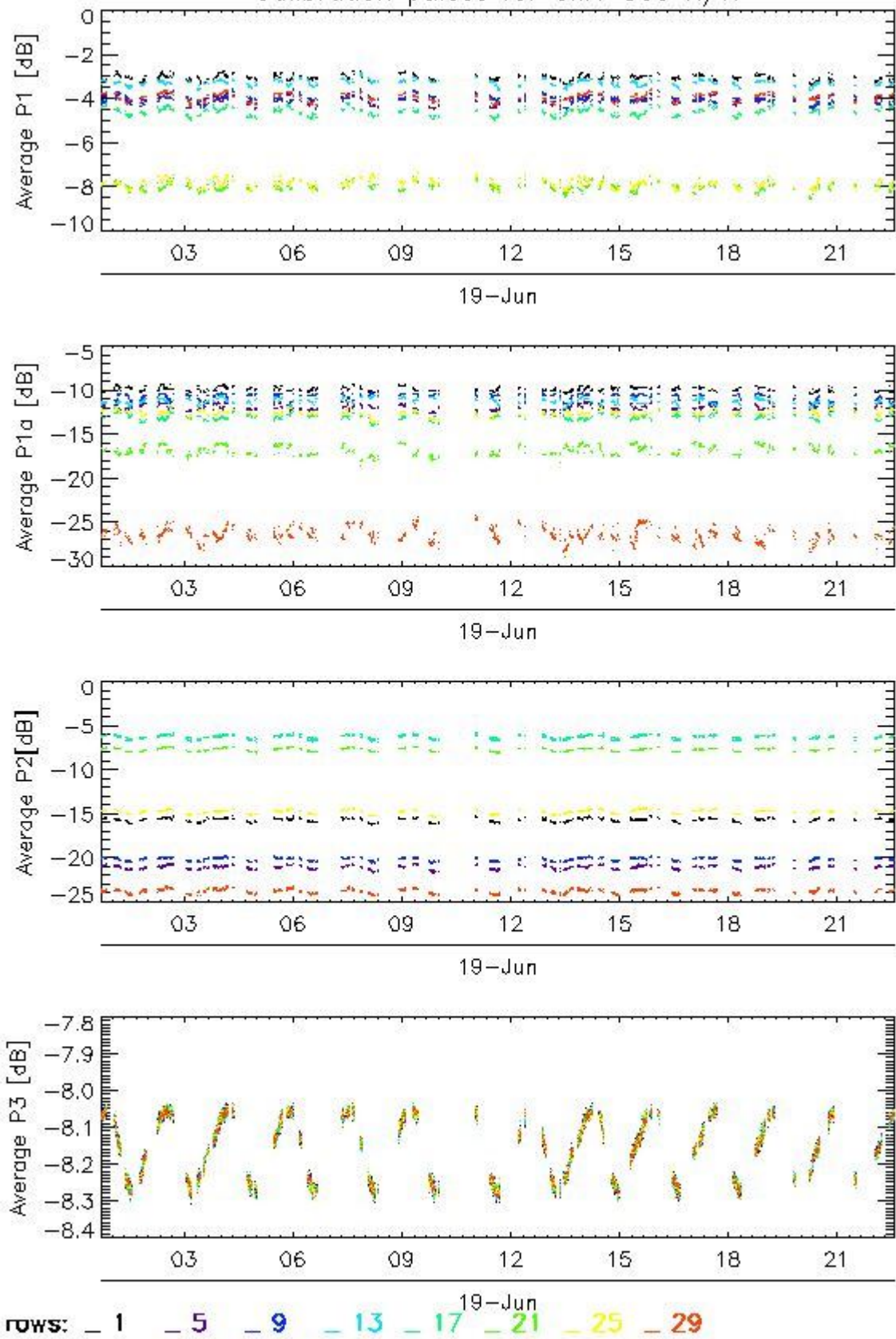
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

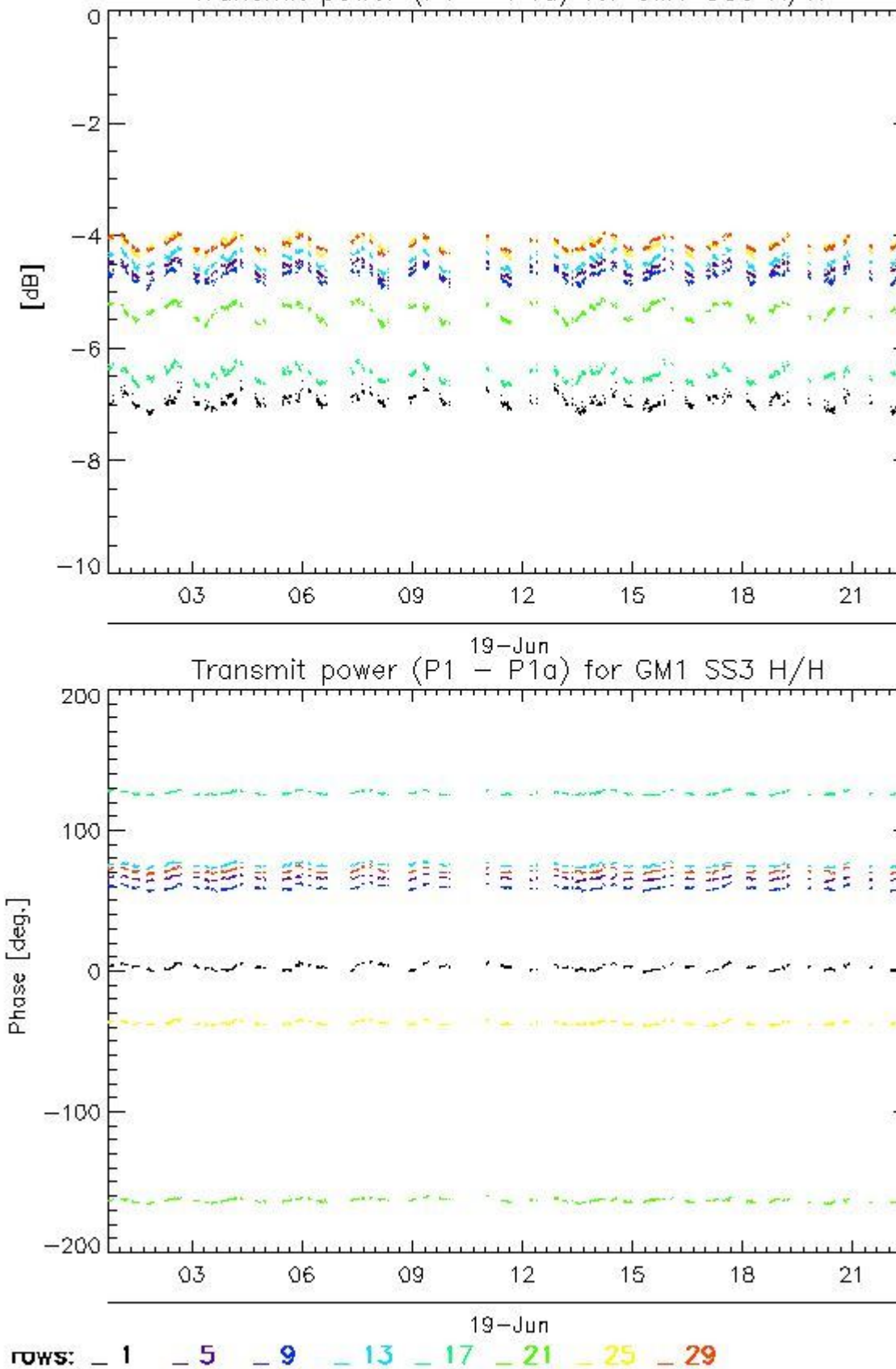
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



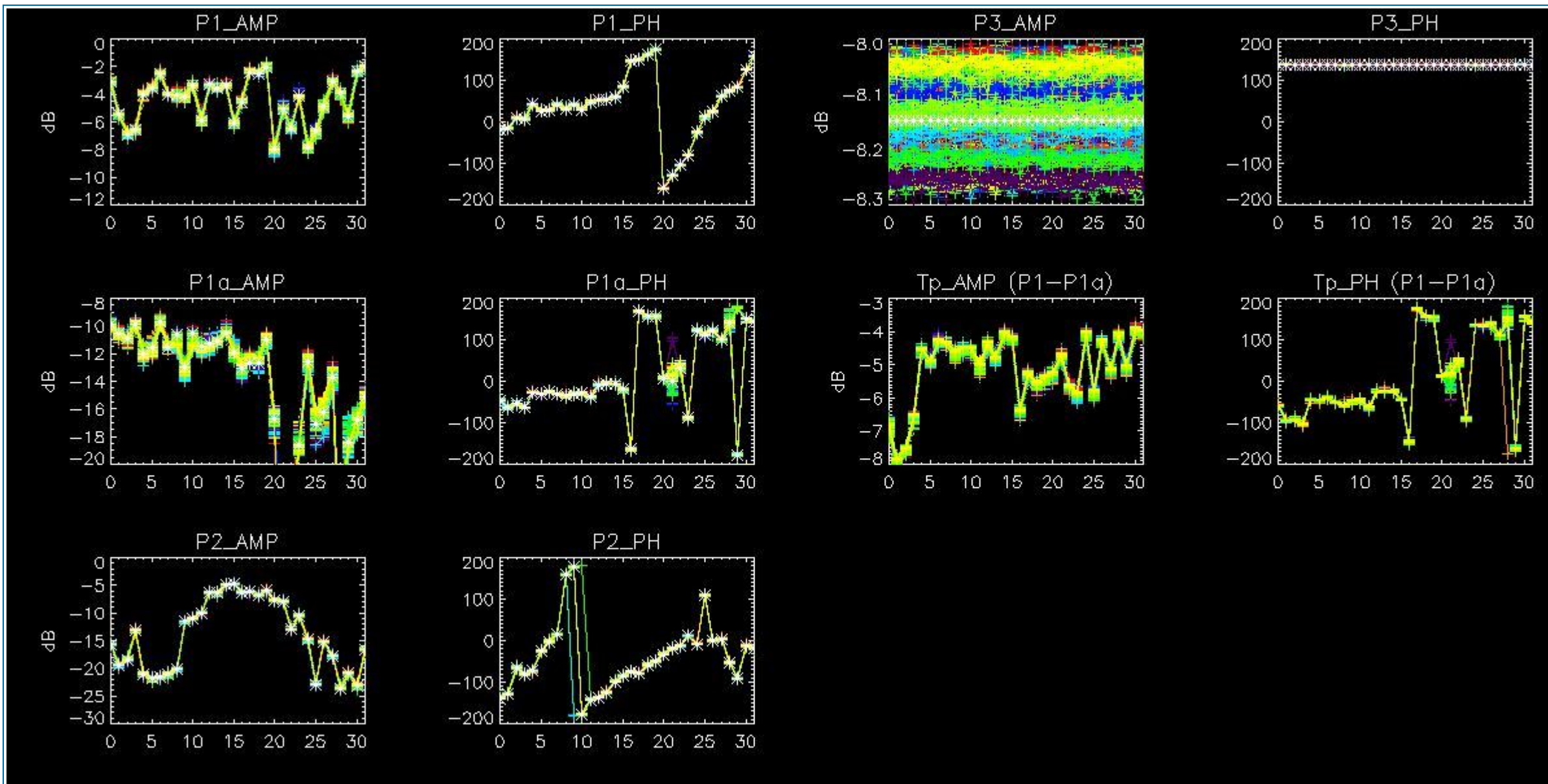
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

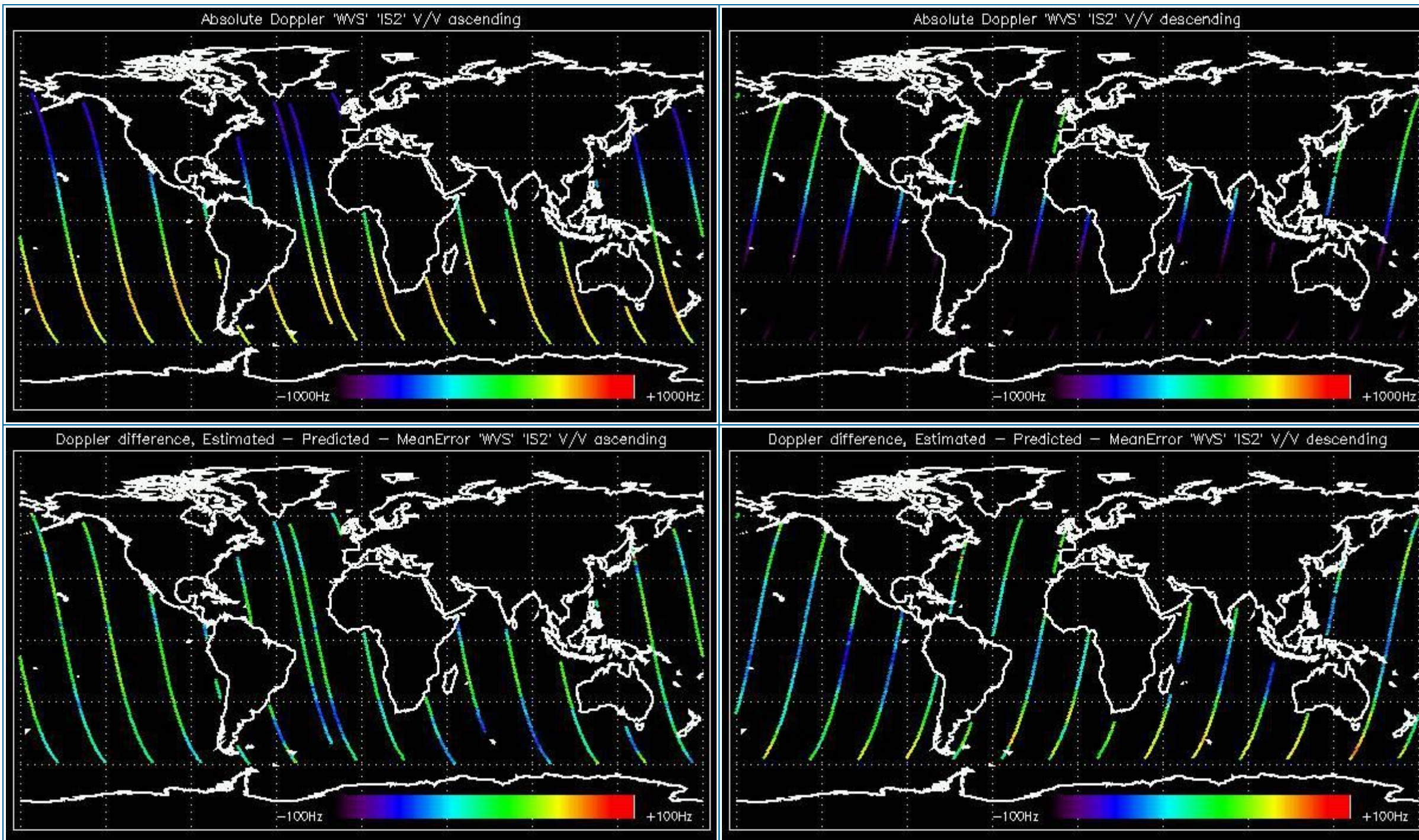
### 5.1 - Analysis for WVS IS2 V/V

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

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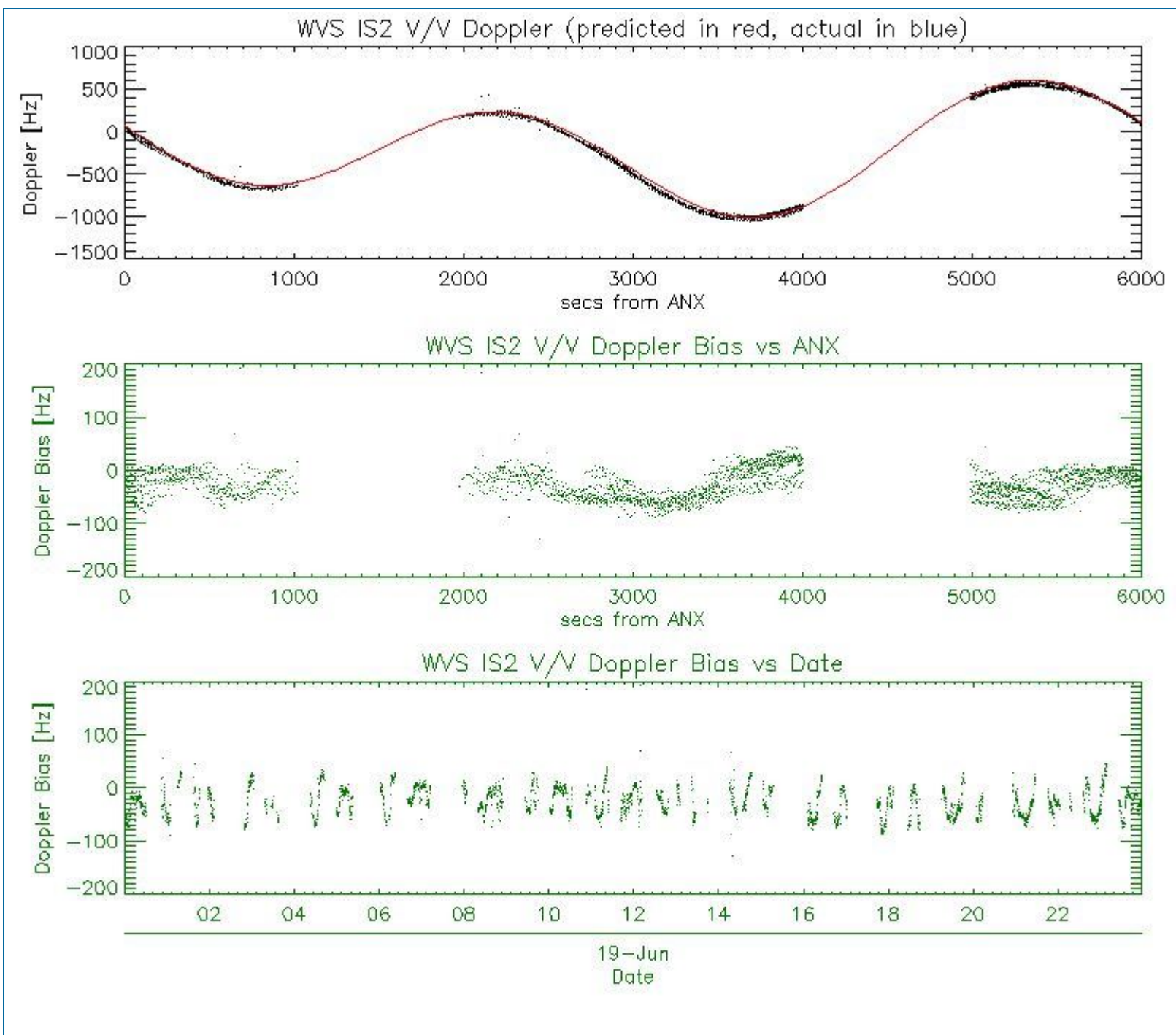




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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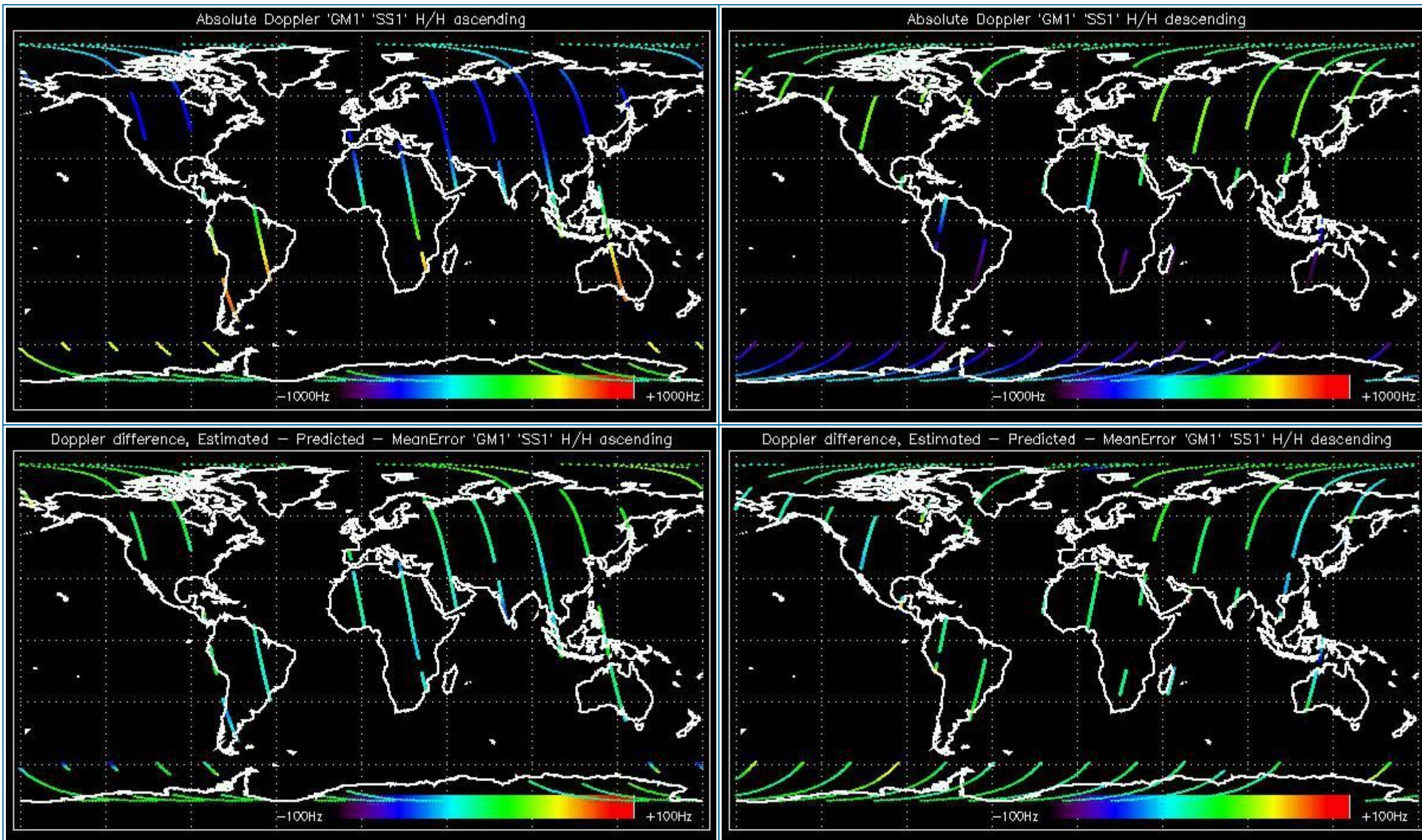
## 5.2 - Analysis for GM1 SS1 H/H

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

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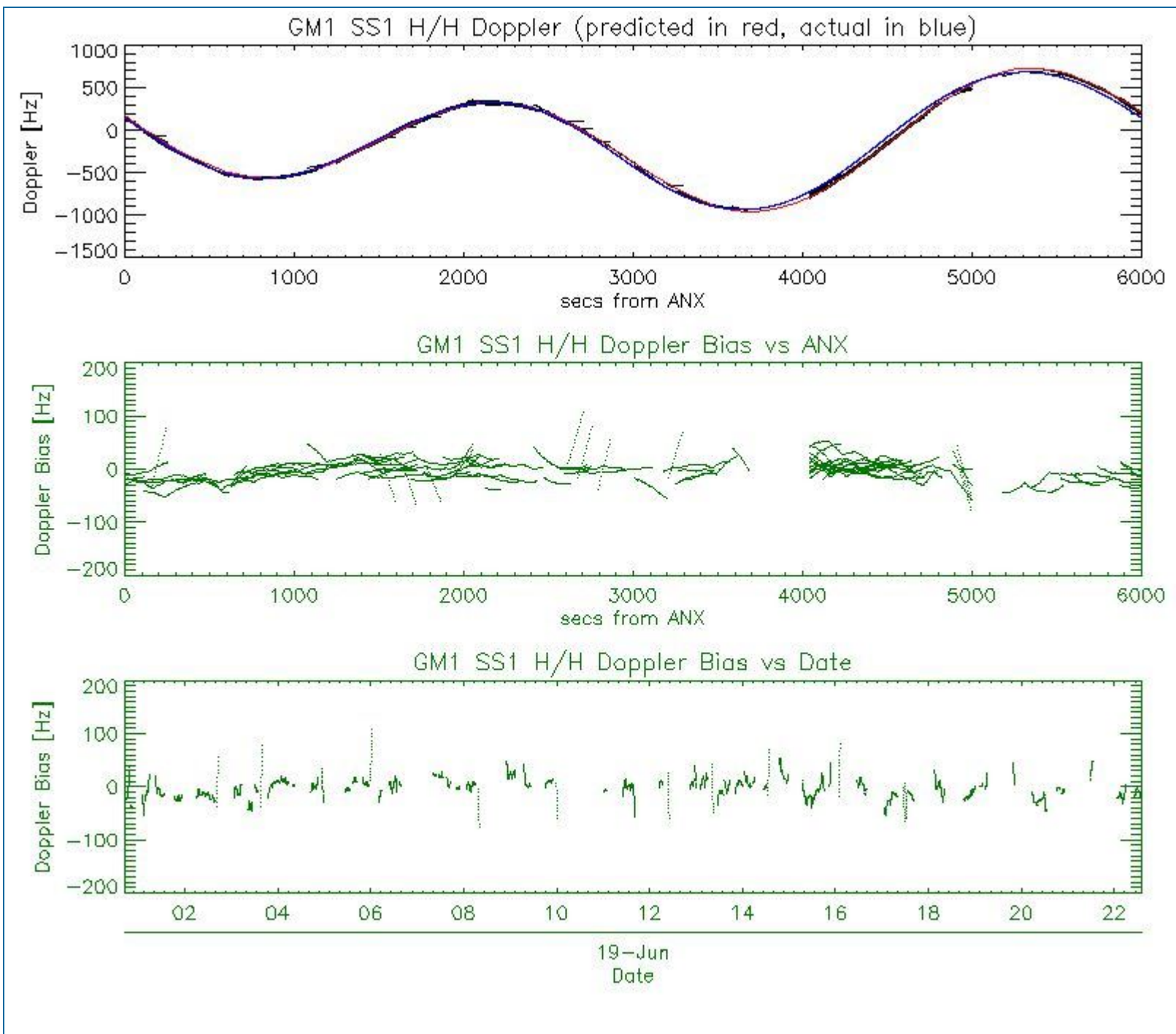




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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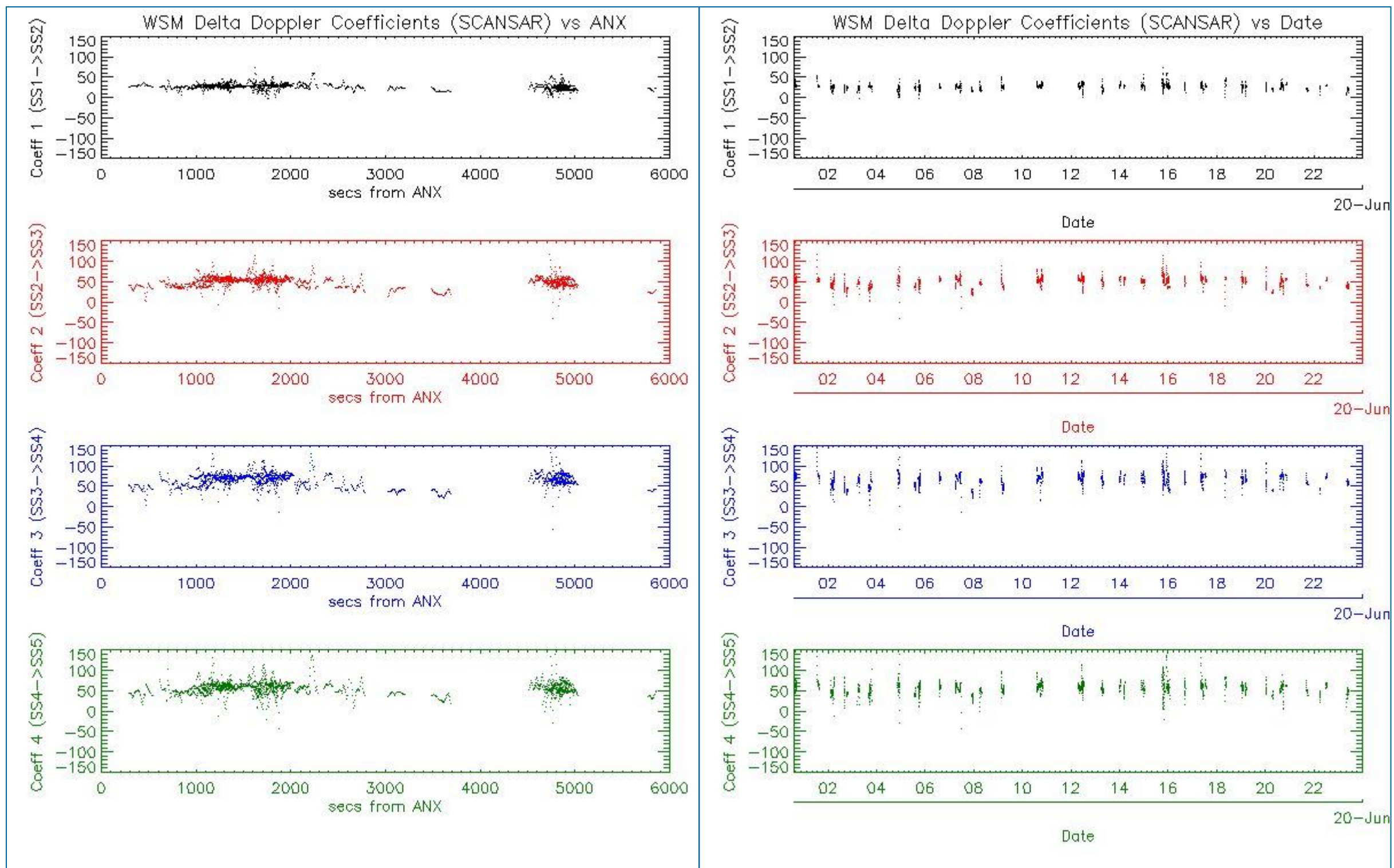


### 5.3 - Doppler JUMPS Analysis for WSM

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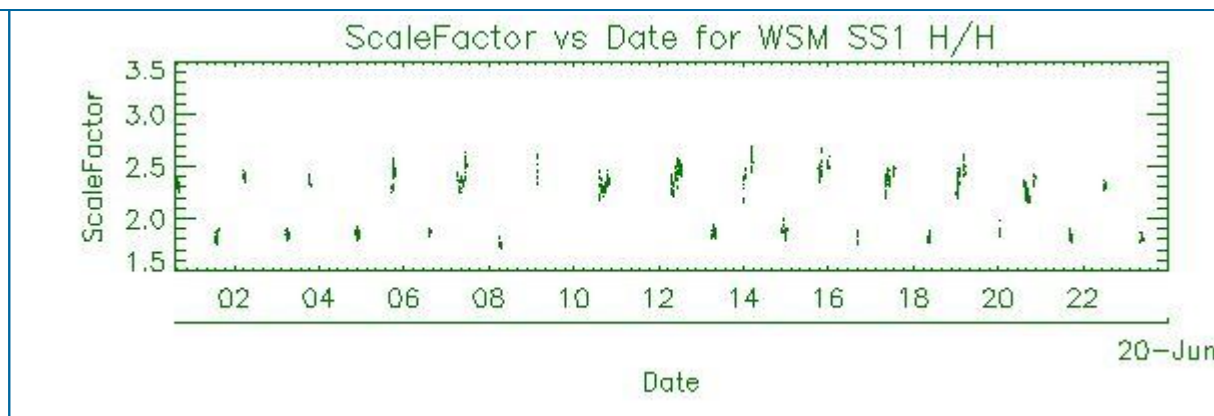
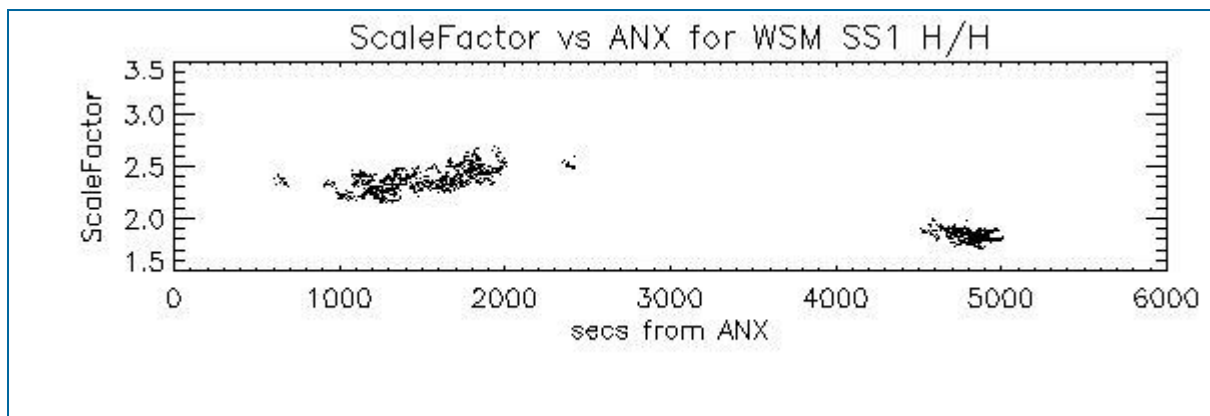
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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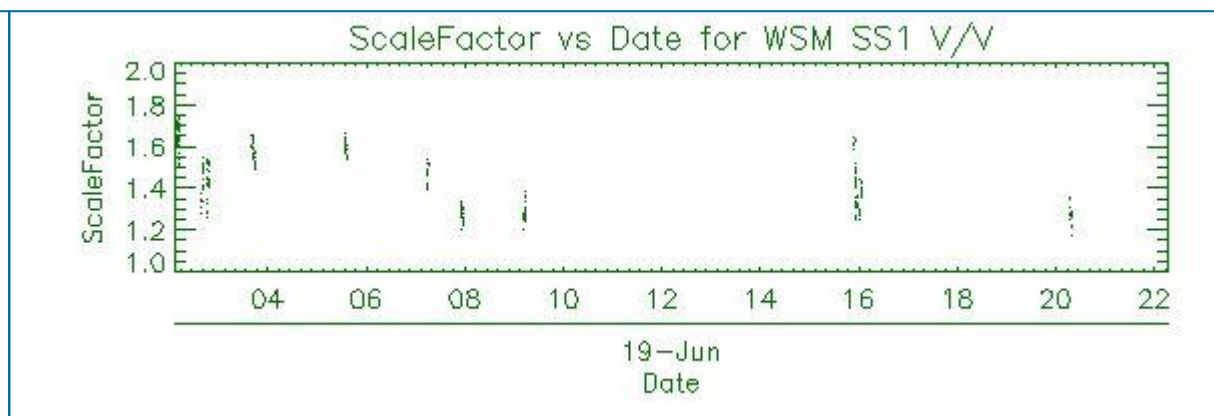
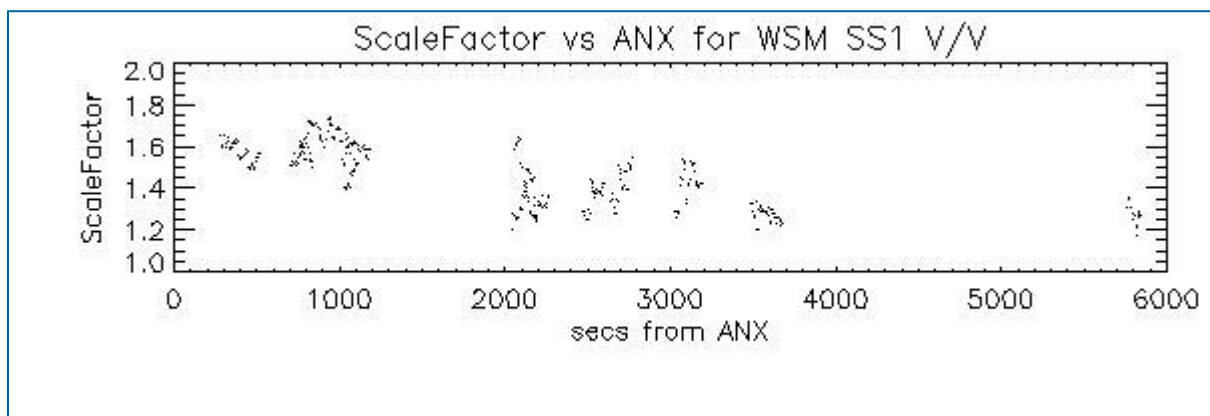




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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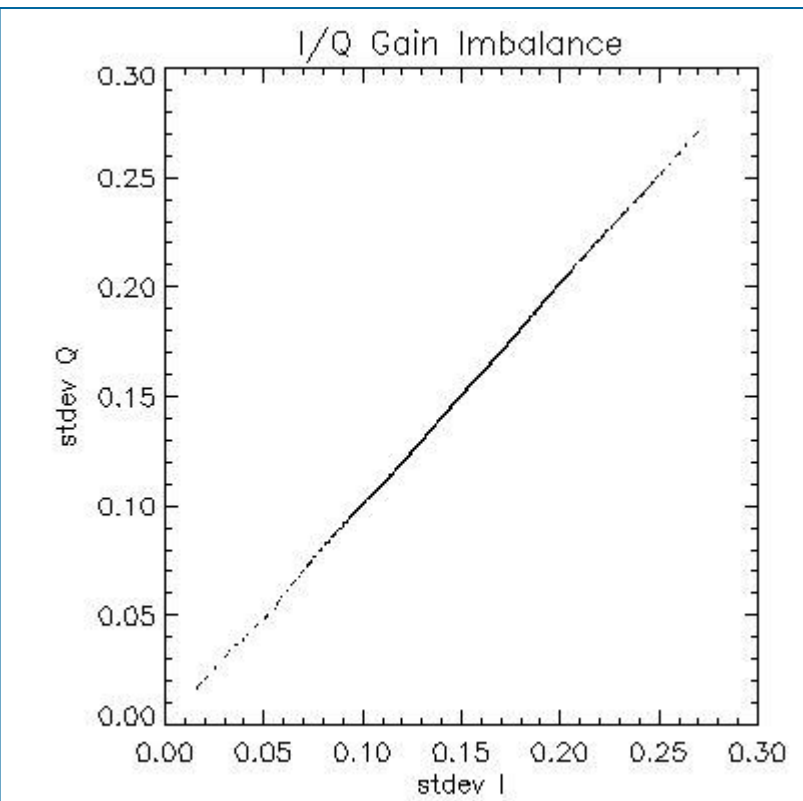
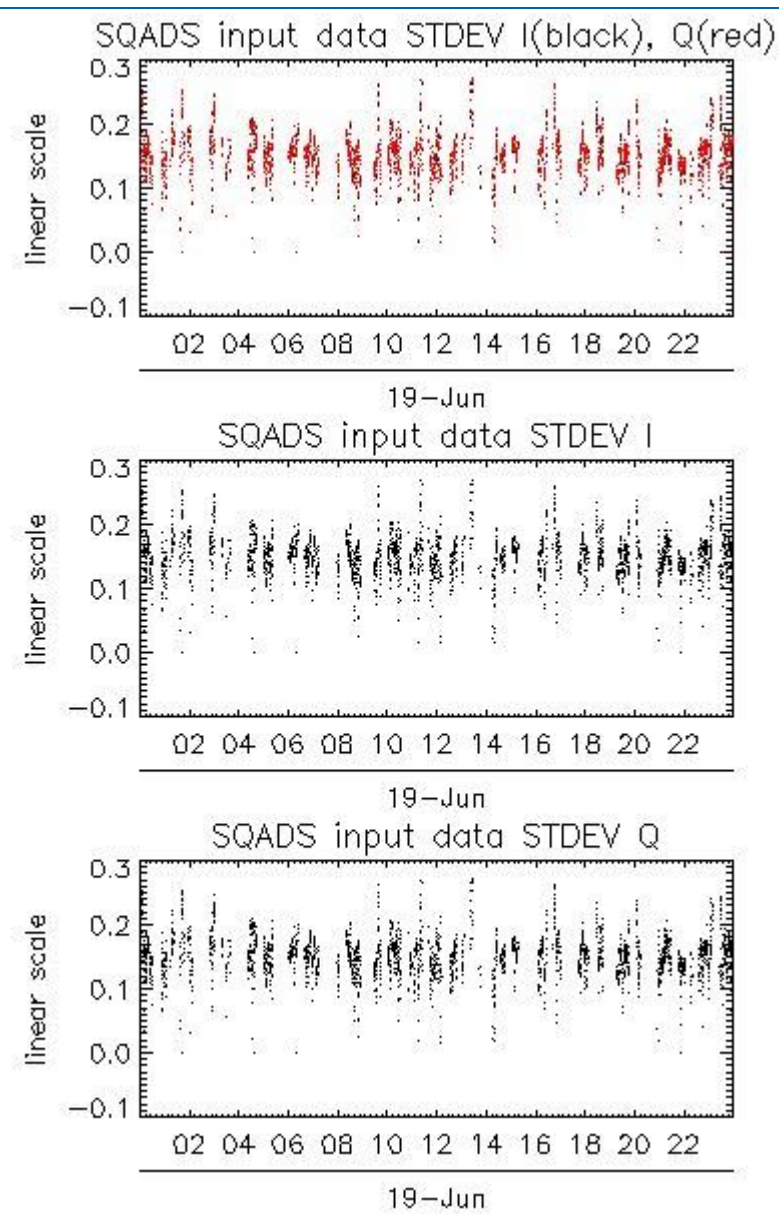
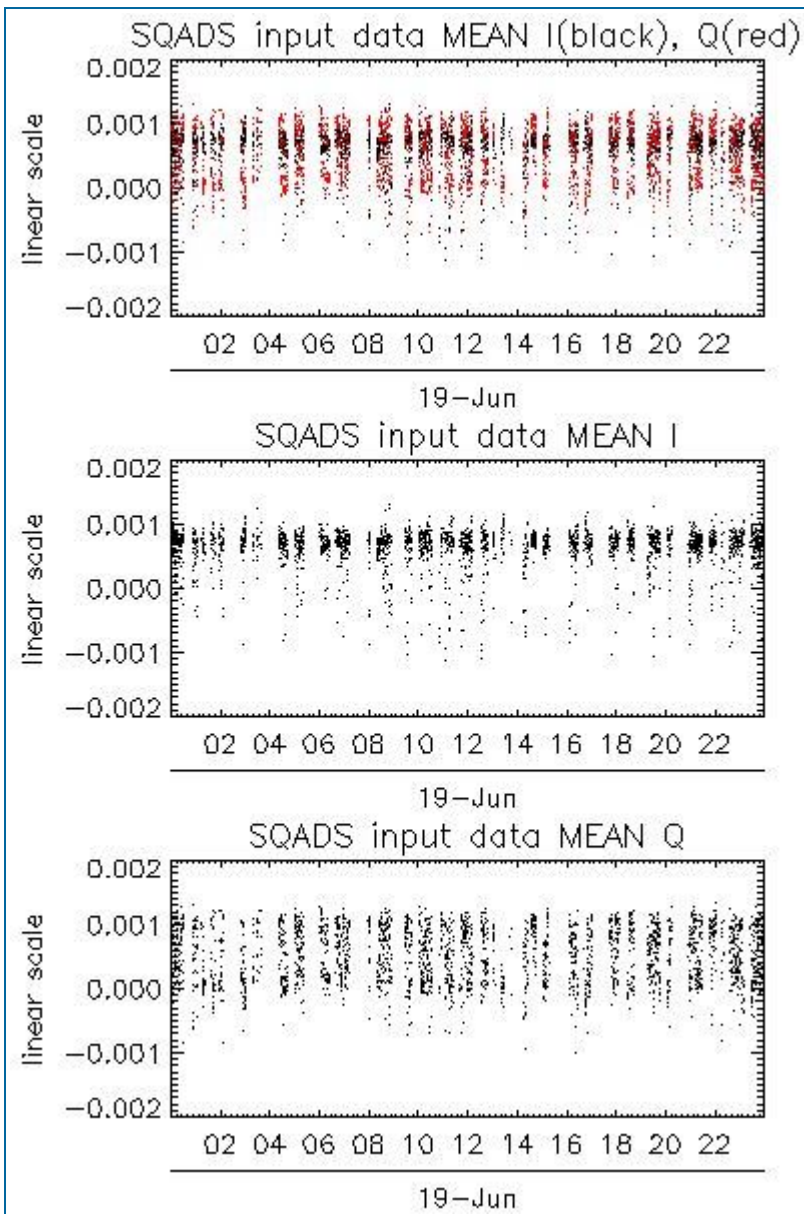
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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



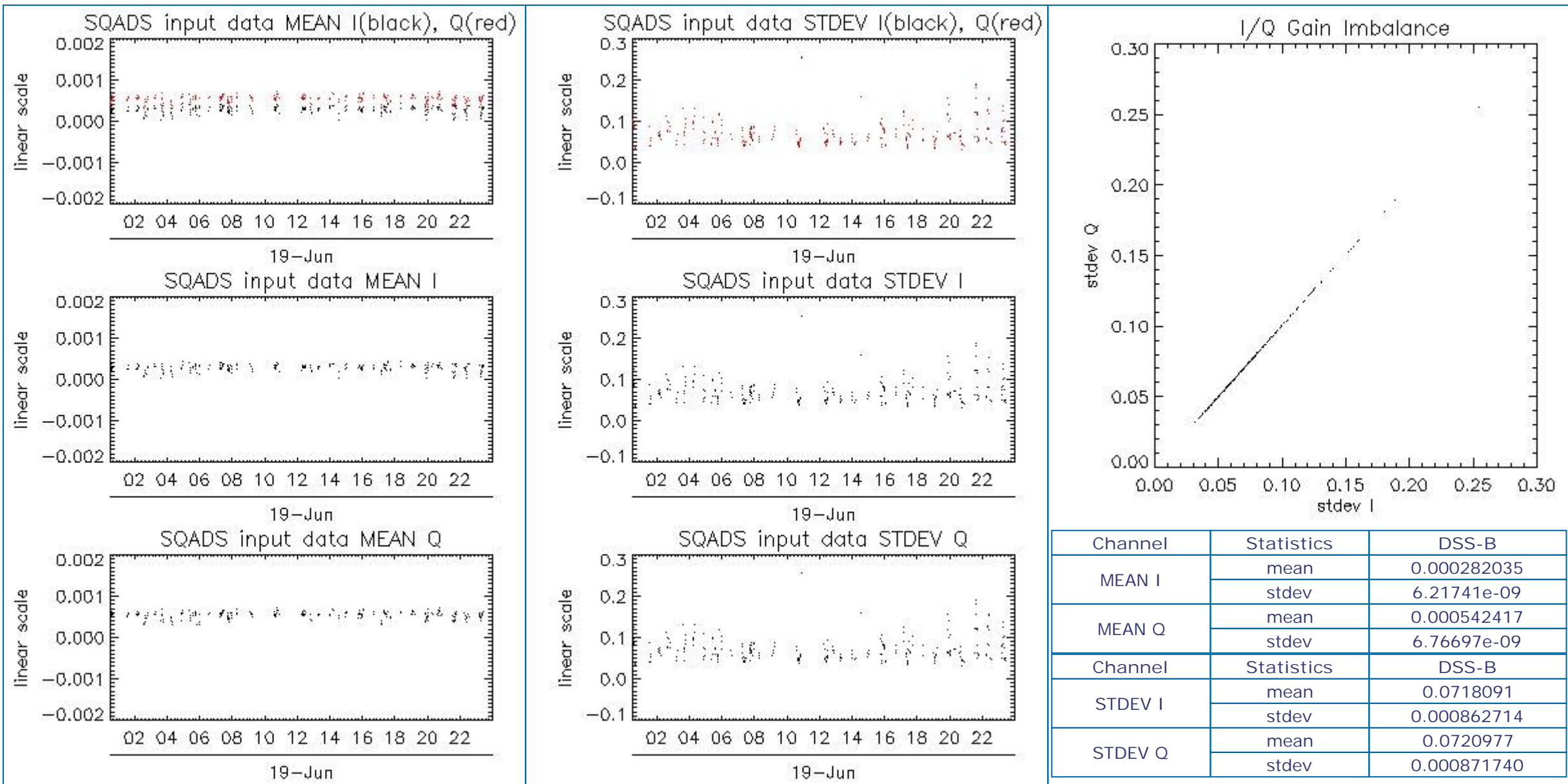


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000625236 |
|         | stdev      | 1.09717e-07 |
| MEAN Q  | mean       | 0.000534292 |
|         | stdev      | 1.87268e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.149991    |
|         | stdev      | 0.00110978  |
| STDEV Q | mean       | 0.150469    |
|         | stdev      | 0.00113187  |

7.2 - Analysis for IMM

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



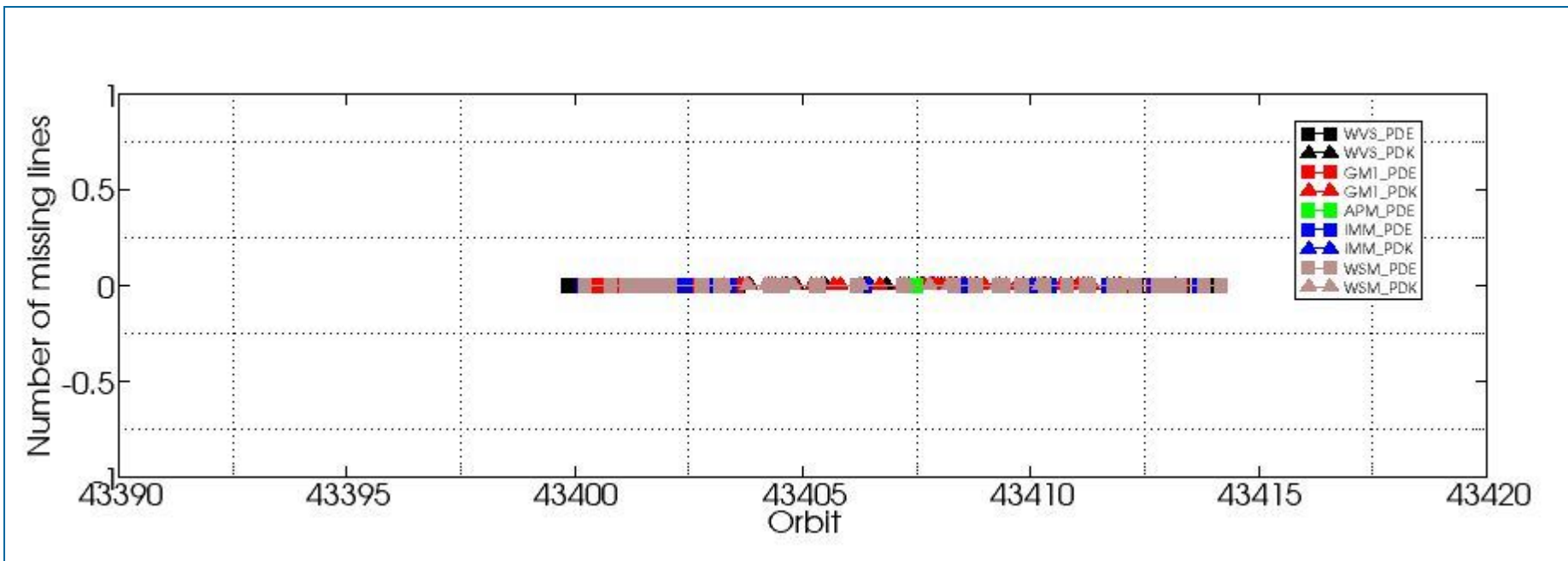
## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

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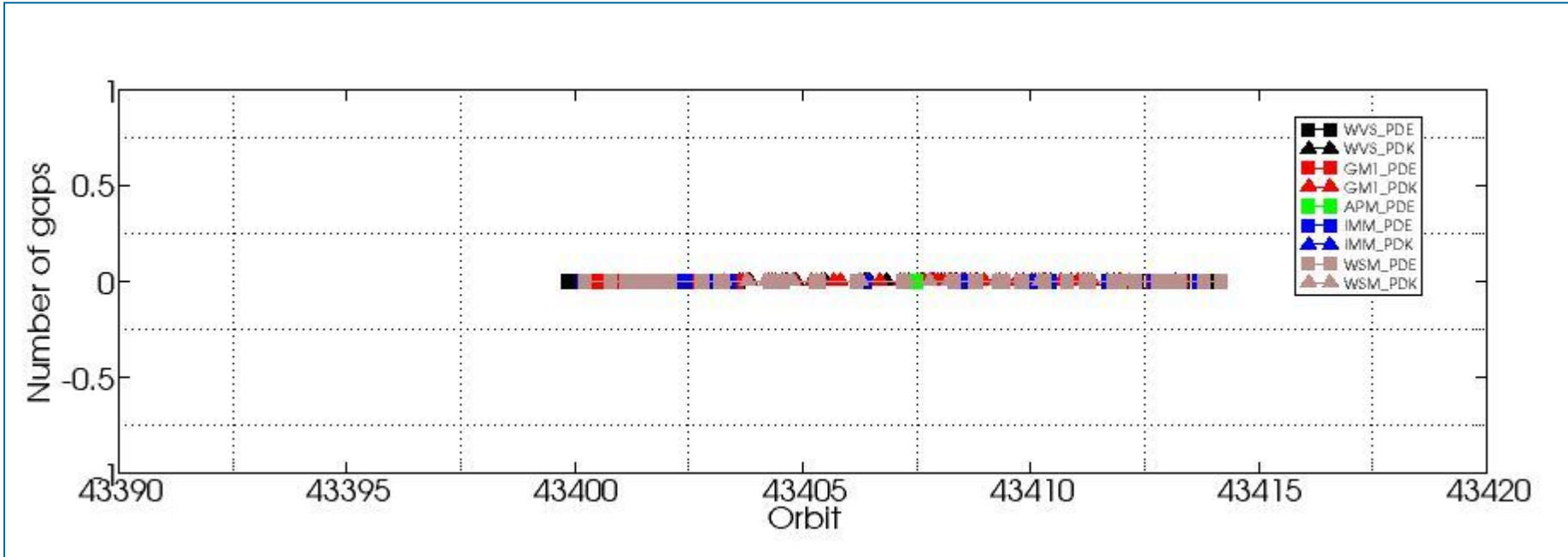






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 100619  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100619/

DATA SUMMARY

#####  
Summary will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100619/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_100619/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100619/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100619/AUXILIARY

Creating directory ./RESULTS/DAILY/\_100619/AUXILIARY...

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





ADF filter 20100619\*current\_3\_IECF\_ADFs.txt  
 Found list 20100619\_030004\_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/\_100619/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20100619_000309_000016342090_00259_43399_9841.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_005142_000007352090_00260_43400_9844.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_011454_000003752090_00260_43400_9846.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_013756_000002692090_00260_43400_9847.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_014141_000002552090_00260_43400_9861.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_015709_000005392090_00261_43401_9862.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20100619_032737_000001492090_00261_43401_9889.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_033546_000001042090_00262_43402_9885.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_042143_000009442090_00262_43402_9883.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_043658_000003152090_00262_43402_0006.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDE20100619_060133_000004792090_00263_43403_0012.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20100619_061407_000002252090_00263_43403_0010.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20100619_100057_000019192090_00265_43405_5208.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100619_105246_000001652090_00266_43406_5224.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20100619_132208_000003002090_00267_43407_5260.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100619_134339_000000442090_00268_43408_5258.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20100619_141536_000006142090_00268_43408_5277.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_WVS_1PNPDK20100619_182814_000009592090_00270_43410_5324.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_GM1.txt...

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| ASA_GM1_1PNPDK20100619_194826_000001572090_00271_43411_5344.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20100619_201417_000001692090_00271_43411_5343.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20100619_201853_000007912090_00271_43411_5346.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

\*\*\*\*\*

Analysing APM products...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_APM.txt...

|  |  |
|--|--|
| ASA_APM_1PNPDE20100619_052301_000001192090_00263_43403_0009.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20100619_074422_000000842090_00264_43404_0039.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20100619_074549_000003102090_00264_43404_0040.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20100619_124857_000001462090_00267_43407_0118.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

\*\*\*\*\*

Analysing IMM products...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_IMM.txt...

|  |  |
|--|--|
| ASA_IMM_1PNPDE20100619_003110_000002502090_00260_43400_9849.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_023419_000001142090_00261_43401_9858.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_033432_000000462090_00261_43401_0000.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_041342_000000992090_00262_43402_9878.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_041539_000000992090_00262_43402_9879.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_041735_000000772090_00262_43402_9880.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_052521_000000992090_00263_43403_0008.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_054904_000000372090_00263_43403_0002.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_055732_000001302090_00263_43403_0003.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_074225_000001132090_00264_43404_0038.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_105607_000000372090_00266_43406_0096.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_143119_000000792090_00268_43408_0120.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_170814_000001522090_00270_43410_0124.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_172919_000000392090_00270_43410_0130.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_174104_000000372090_00270_43410_0132.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_174214_000000632090_00270_43410_0133.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_195106_000003022090_00271_43411_0138.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_195656_000002332090_00271_43411_0135.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_213207_000002352090_00272_43412_0154.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_213651_000002802090_00272_43412_0151.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20100619_231043_000002322090_00273_43413_0173.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

```
ASA_IMM_1PNPDE20100619_231523_000003032090_00273_43413_0170.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100619_221953_000000762090_00273_43413_5361.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100619_222138_000002702090_00273_43413_5362.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_100619/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20100619_003557_000003982090_00260_43400_9856.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_013322_000002752090_00260_43400_9857.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_020651_000003672090_00261_43401_9874.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_021303_000001652090_00261_43401_9875.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_023907_000001472090_00261_43401_9859.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_024537_000001772090_00261_43401_9860.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_031251_000002942090_00261_43401_9900.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_034029_000002632090_00262_43402_0052.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_034554_000000982090_00262_43402_0055.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_045153_000002082090_00262_43402_0004.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_045539_000000862090_00262_43402_0005.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_053337_000001592090_00263_43403_0026.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_054247_000000982090_00263_43403_0001.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_072430_000002262090_00264_43404_0037.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_075500_000002082090_00264_43404_0041.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_090653_000000922090_00265_43405_0063.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_091133_000001712090_00265_43405_0067.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_103452_000003672090_00266_43406_0098.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_121638_000002942090_00267_43407_0117.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_141055_000001282090_00268_43408_0119.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_145436_000001102090_00268_43408_0121.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_145930_000001282090_00268_43408_0122.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_154747_000001842090_00269_43409_0125.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_155417_000002262090_00269_43409_0126.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_155902_000000982090_00269_43409_0127.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_160104_000001472090_00269_43409_0128.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_163957_000001652090_00269_43409_0123.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_173153_000001222090_00270_43410_0131.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_182100_000001162090_00270_43410_0129.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_190319_000001532090_00271_43411_0134.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_191001_000001842090_00271_43411_0137.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_200059_000001532090_00271_43411_0136.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_201711_000000982090_00271_43411_0139.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_205038_000000862090_00272_43412_0153.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_214140_000002392090_00272_43412_0152.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_221508_000000862090_00273_43413_0155.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_223014_000000862090_00273_43413_0172.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_232119_000002882090_00273_43413_0171.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100619_235913_000001282090_00274_43414_0174.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_054351_000002452090_00263_43403_5154.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_063424_000001842090_00263_43403_5170.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_071409_000000982090_00264_43404_5171.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_071601_000002752090_00264_43404_5172.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_081502_000002392090_00264_43404_5194.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_090653_000001102090_00265_43405_5193.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_104207_000001282090_00266_43406_5209.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_104452_000003612090_00266_43406_5218.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_122059_000001652090_00267_43407_5230.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_122533_000004222090_00267_43407_5240.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_131521_000003062090_00267_43407_5264.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_135950_000001412090_00268_43408_5259.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_154530_000002142090_00269_43409_5292.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_171941_000002692090_00270_43410_5313.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_172426_000002142090_00270_43410_5314.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_190107_000002082090_00271_43411_5333.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100619_203647_000004832090_00272_43412_5355.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100619/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_100619/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_100619/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100619/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/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_\_0PNPDE20100619\_030227\_000000162090\_00261\_43401\_0552.N1

H

H

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20100619\_030227-20010209\_135042.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20100619\_030227-20010209\_135042.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20100619\_030227-20010209\_135042.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20100619\_030227-20010209\_135042.png

Polarization: V

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

Test product: ASA\_MS\_\_0PNPDE20100618\_033404\_000000162090\_00247\_43387\_0551.N1

V

V

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20100618\_033404-20010209\_140823.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20100618\_033404-20010209\_140823.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20100618\_033404-20010209\_140823.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20100618\_033404-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_\_0PNPDE20100617\_040541\_000000162090\_00233\_43373\_0550.N1

Test product: ASA\_MS\_\_0PNPDE20100619\_030227\_000000162090\_00261\_43401\_0552.N1

H

H

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20100619\_030227-20100617\_040541.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20100619\_030227-20100617\_040541.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20100619\_030227-20100617\_040541.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20100619\_030227-20100617\_040541.png

Polarization: V

Reference product: ASA\_MS\_\_0PNPDE20100616\_043718\_000000162090\_00219\_43359\_0549.N1

Test product: ASA\_MS\_\_0PNPDE20100618\_033404\_000000162090\_00247\_43387\_0551.N1

V

V

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20100618\_033404-20100616\_043718.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20100618\_033404-20100616\_043718.png

../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20100618\_033404-20100616\_043718.png  
../../RESULTS/DAILY/\_100619/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20100618\_033404-20100616\_043718.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-06-19\_1.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-06-19\_2.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

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

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-06-19\_3.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-06-19\_4.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_100619//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 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-06-19\_1.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-06-19\_2.dat...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

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

Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-06-19\_3.dat...



Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-06-19 00:00:00 to 2010-06-19 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100619/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-06-19\_4.dat...  
Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_100619//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_100619/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-06-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100619/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-06-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100619/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-06-19 00:00:00 to 2010-06-19 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-06-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100619/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_100619/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 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 = -25.187143 Hz  
Writing file ../../RESULTS/DAILY/\_100619//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_100619//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...

```
Computing mean error doppler estimated-predicted...
Mean error = -26.279557 Hz
Writing file ../../RESULTS/DAILY/_100619//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_100619//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 = 2.7785470 Hz
Writing file ../../RESULTS/DAILY/_100619//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_100619//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

\*\*\*\*\*

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -8.2481846 Hz
Writing file ../../RESULTS/DAILY/_100619//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_100619//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

\*\*\*\*\*

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_100619/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...
Writing file ./RESULTS/DAILY/_100619/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-06-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100619/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100619/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...
Writing file ./RESULTS/DAILY/_100619/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-06-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100619/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100619/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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



RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100619/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_100619/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_WVS\_2010-06-19.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2010-06-19 00:00:00 to 2010-06-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_IMM\_2010-06-19.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100619/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-06-19 00:00:00 to 2010-06-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100619/TELEMETRY

Creating directory ./RESULTS/DAILY/\_100619/TELEMETRY...

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

\*\*\*\*\*  
Checking 24 products from PDE...  
Checking 27 products from PDK...

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

\*\*\*\*\*  
Checking 30 products from PDE...  
Checking 52 products from PDK...

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

\*\*\*\*\*  
Checking 4 products from PDE...  
No products from PDK...

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

\*\*\*\*\*  
Checking 22 products from PDE...  
Checking 2 products from PDK...

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

\*\*\*\*\*  
Checking 39 products from PDE...  
Checking 17 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_100619/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_100619/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_100619/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_1PNPDE20100619_052301_000001192090_00263_43403_0009.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20100619_074422_000000842090_00264_43404_0039.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20100619_074549_000003102090_00264_43404_0040.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20100619_124857_000001462090_00267_43407_0118.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_1PNPDE20100619_004242_000003682090_00260_43400_9839.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_005004_00000902090_00260_43400_9840.N1  |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_010438_000001932090_00260_43400_9843.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_010850_000003622090_00260_43400_9845.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_012153_000006832090_00260_43400_9848.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_014634_000006282090_00260_43400_9863.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_021555_000010942090_00261_43401_9865.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_023622_000001572090_00261_43401_9864.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_024140_000000782090_00261_43401_9866.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_030344_000005432090_00261_43401_9882.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_032128_000002592090_00261_43401_9892.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_032554_000000962090_00261_43401_9891.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_033052_000002232090_00261_43401_9888.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_033816_000000962090_00262_43402_9887.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_034736_000015652090_00262_43402_9886.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_041902_000001572090_00262_43402_9884.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_044303_000005252090_00262_43402_0007.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_045711_000001142090_00262_43402_0018.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_052707_000003862090_00263_43403_0017.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_053622_000003802090_00263_43403_0016.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_054954_000004592090_00263_43403_0015.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_055953_000000962090_00263_43403_0013.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_061025_000002232090_00263_43403_0011.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_204500_000003322090_00272_43412_0140.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_205211_000002112090_00272_43412_0141.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_212903_000001872090_00272_43412_0144.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_220344_000004592090_00273_43413_0156.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_221259_000000782090_00273_43413_0158.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_222620_000002292090_00273_43413_0159.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20100619_223147_000002052090_00273_43413_0163.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_062341_000006282090_00263_43403_5159.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_063746_000001142090_00263_43403_5160.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_072043_000002232090_00264_43404_5162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_072817_000003262090_00264_43404_5179.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_073820_000002472090_00264_43404_5180.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_075121_000002112090_00264_43404_5181.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_080416_000006282090_00264_43404_5183.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_081903_000000722090_00264_43404_5184.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_085526_000006832090_00265_43405_5186.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_091747_000005372090_00265_43405_5206.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_094455_000006042090_00265_43405_5205.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_095942_000000662090_00265_43405_5211.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_110119_000002112090_00266_43406_5226.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_112528_000009612090_00266_43406_5228.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_121214_000002592090_00267_43407_5232.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_122353_000000902090_00267_43407_5231.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_125142_000003982090_00267_43407_5243.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_125830_000001022090_00267_43407_5244.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5248.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5252.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5257.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5246.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5250.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5255.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_132757_000004652090_00267_43407_5262.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_133640_000004162090_00267_43407_5261.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_135039_000005432090_00268_43408_5266.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_140212_000001442090_00268_43408_5265.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_140353_000004162090_00268_43408_5274.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_141312_000001382090_00268_43408_5275.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_142628_000002892090_00268_43408_5276.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_143249_000000842090_00268_43408_5278.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_144642_000004712090_00268_43408_5280.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_145627_000001752090_00268_43408_5281.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20100619_151720_000015412090_00268_43408_5283.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_154217_000001872090_00269_43409_5299.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_155056_000001932090_00269_43409_5300.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_160427_000000902090_00269_43409_5301.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_162716_000007552090_00269_43409_5303.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_170227_000003502090_00270_43410_5304.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_171055_000005192090_00270_43410_5308.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_172804_000000722090_00270_43410_5318.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_173011_000000902090_00270_43410_5319.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_173359_000004282090_00270_43410_5321.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_180752_000007852090_00270_43410_5323.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_184459_000007852090_00271_43411_5325.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_185658_000002412090_00271_43411_5339.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_190600_000002352090_00271_43411_5340.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_191315_000001692090_00271_43411_5341.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_194826_000001572090_00271_43411_5344.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_201417_000001692090_00271_43411_5343.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20100619_201853_000007912090_00271_43411_5346.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_1PNPDE20100619_003110_000002502090_00260_43400_9849.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_023419_000001142090_00261_43401_9858.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_033432_000000462090_00261_43401_0000.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_041342_000000992090_00262_43402_9878.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_041539_000000992090_00262_43402_9879.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_041735_000000772090_00262_43402_9880.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_052521_000000992090_00263_43403_0008.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_054904_000000372090_00263_43403_0002.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_055732_000001302090_00263_43403_0003.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_074225_000001132090_00264_43404_0038.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_105607_000000372090_00266_43406_0096.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_143119_000000792090_00268_43408_0120.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_170814_000001522090_00270_43410_0124.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_172919_000000392090_00270_43410_0130.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_174104_000000372090_00270_43410_0132.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_174214_000000632090_00270_43410_0133.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_195106_000003022090_00271_43411_0138.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_195656_000002332090_00271_43411_0135.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_213207_000002352090_00272_43412_0154.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_213651_000002802090_00272_43412_0151.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_231043_000002322090_00273_43413_0173.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20100619_231523_000003032090_00273_43413_0170.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20100619_221953_000000762090_00273_43413_5361.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20100619_222138_000002702090_00273_43413_5362.N1 | OK      | OK      | OK      | OK      |



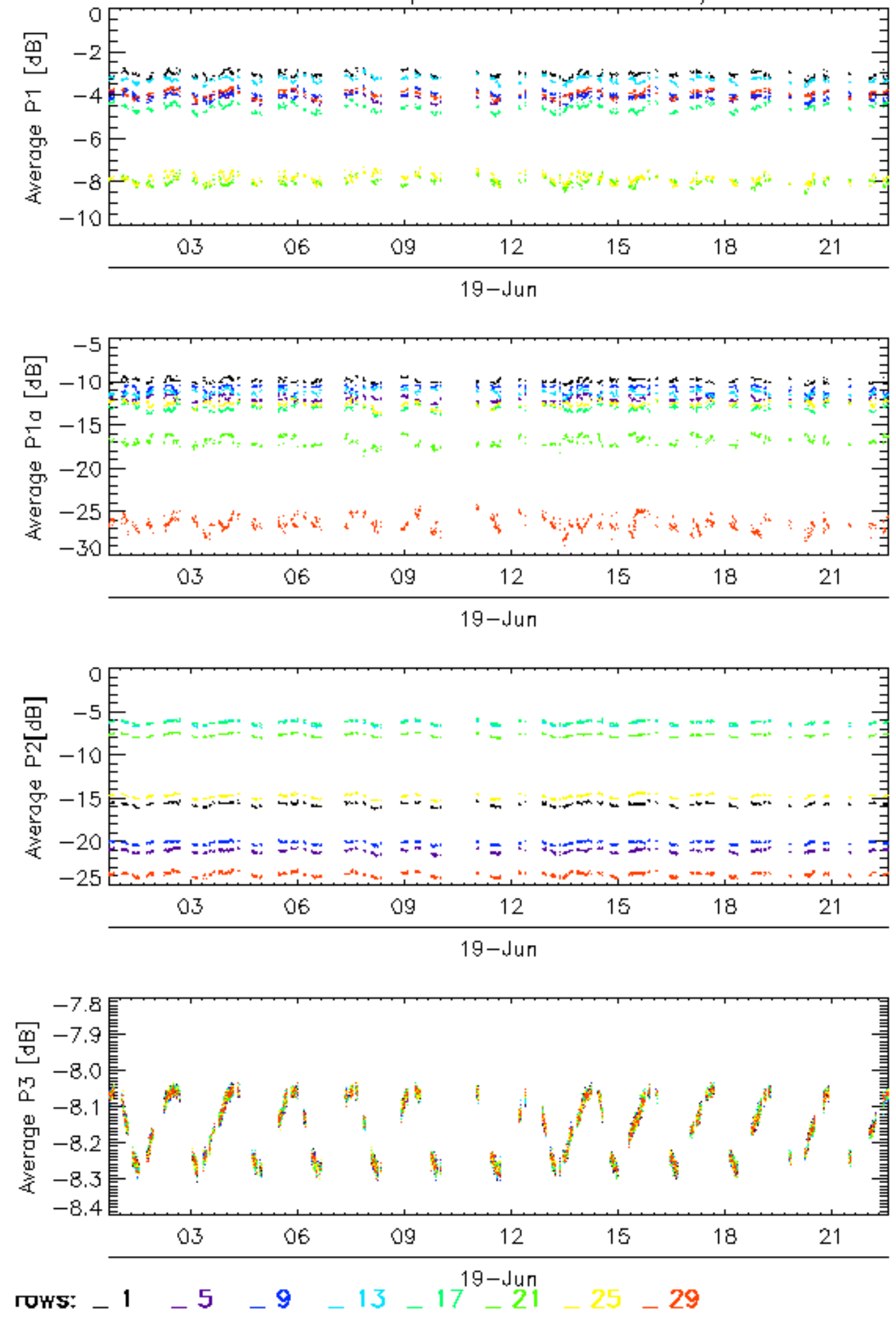
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20100619_003557_000003982090_00260_43400_9856.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_013322_000002752090_00260_43400_9857.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_020651_000003672090_00261_43401_9874.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_021303_000001652090_00261_43401_9875.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_023907_000001472090_00261_43401_9859.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_024537_000001772090_00261_43401_9860.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_031251_000002942090_00261_43401_9900.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_034029_000002632090_00262_43402_0052.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_034554_000000982090_00262_43402_0055.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_045153_000002082090_00262_43402_0004.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_045539_000000862090_00262_43402_0005.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_053337_000001592090_00263_43403_0026.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_054247_000000982090_00263_43403_0001.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_072430_000002262090_00264_43404_0037.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_075500_000002082090_00264_43404_0041.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_090653_000000922090_00265_43405_0063.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_091133_000001712090_00265_43405_0067.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_103452_000003672090_00266_43406_0098.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_121638_000002942090_00267_43407_0117.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_141055_000001282090_00268_43408_0119.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_145436_000001102090_00268_43408_0121.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_145930_000001282090_00268_43408_0122.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_154747_000001842090_00269_43409_0125.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_155417_000002262090_00269_43409_0126.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_155902_000000982090_00269_43409_0127.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_160104_000001472090_00269_43409_0128.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_163957_000001652090_00269_43409_0123.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_173153_000001222090_00270_43410_0131.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_182100_000001162090_00270_43410_0129.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_190319_000001532090_00271_43411_0134.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_191001_000001842090_00271_43411_0137.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_200059_000001532090_00271_43411_0136.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_201711_000000982090_00271_43411_0139.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_205038_000000862090_00272_43412_0153.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_214140_000002392090_00272_43412_0152.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_221508_000000862090_00273_43413_0155.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_223014_000000862090_00273_43413_0172.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_232119_000002882090_00273_43413_0171.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20100619_235913_000001282090_00274_43414_0174.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_054351_000002452090_00263_43403_5154.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_063424_000001842090_00263_43403_5170.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_071409_000000982090_00264_43404_5171.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_071601_000002752090_00264_43404_5172.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_081502_000002392090_00264_43404_5194.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_090653_000001102090_00265_43405_5193.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_104207_000001282090_00266_43406_5209.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_104452_000003612090_00266_43406_5218.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_122059_000001652090_00267_43407_5230.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_122533_000004222090_00267_43407_5240.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_131521_000003062090_00267_43407_5264.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_135950_000001412090_00268_43408_5259.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_154530_000002142090_00269_43409_5292.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_171941_000002692090_00270_43410_5313.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_172426_000002142090_00270_43410_5314.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_190107_000002082090_00271_43411_5333.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20100619_203647_000004832090_00272_43412_5355.N1 |         |         |         |         | OK | OK | OK | OK |

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

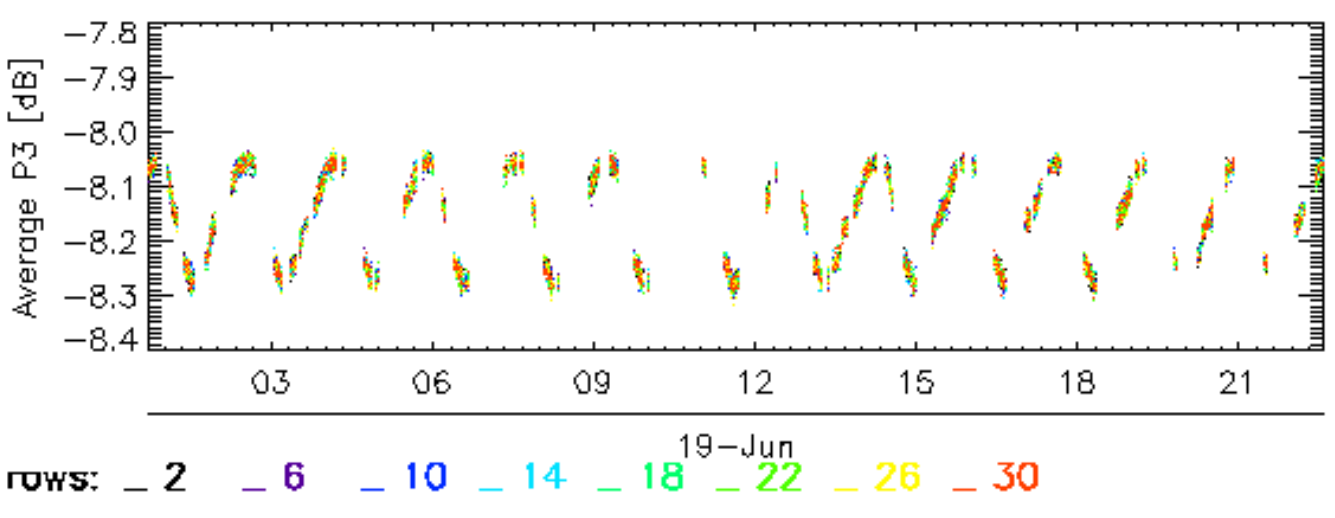
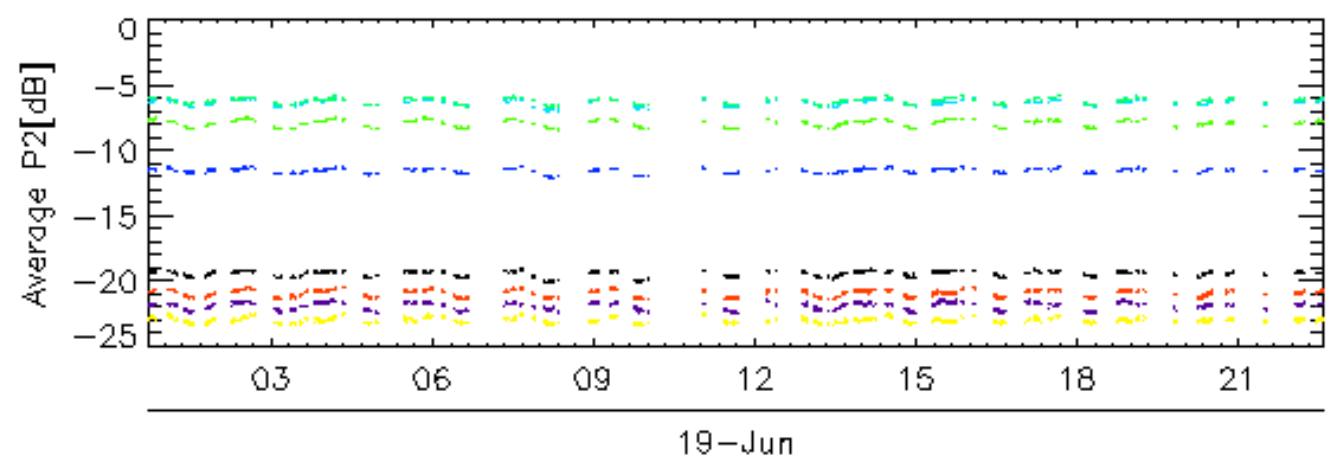
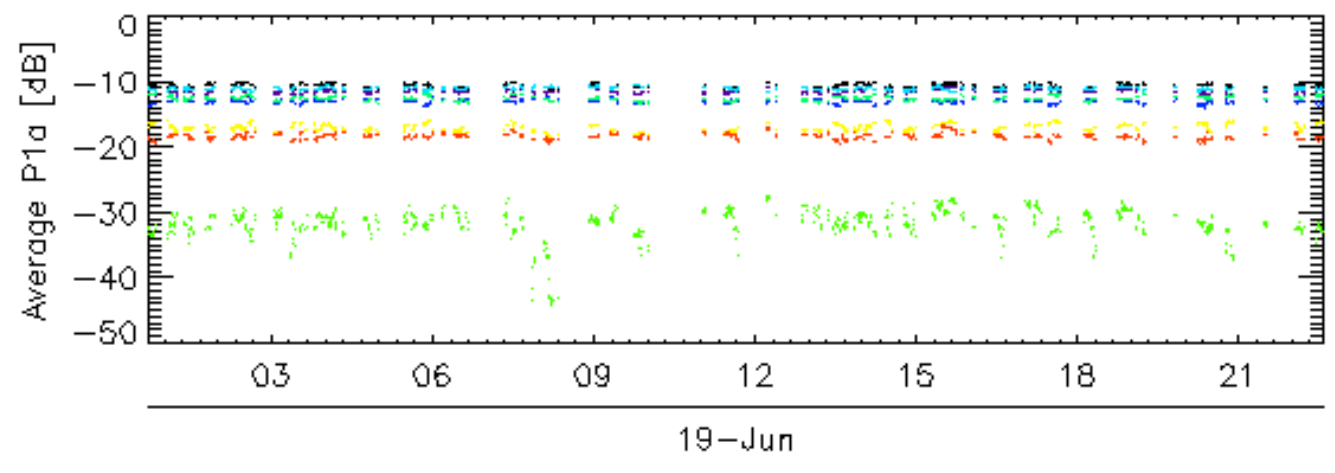
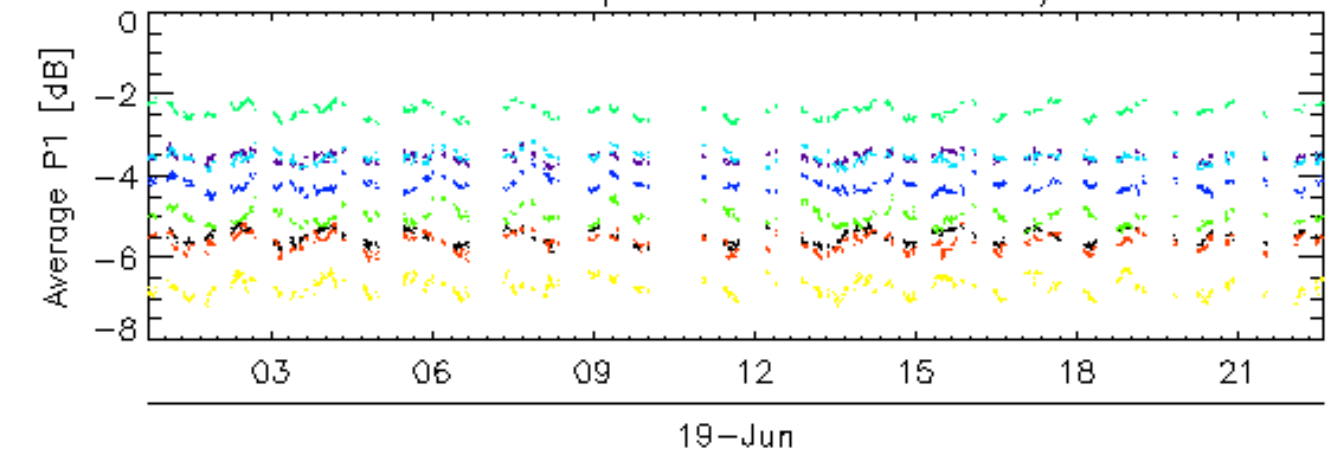
| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20100619_000309_000016342090_00259_43399_9841.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_005142_000007352090_00260_43400_9844.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_011454_000003752090_00260_43400_9846.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_013756_000002692090_00260_43400_9847.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_014141_000002552090_00260_43400_9861.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_015709_000005392090_00261_43401_9862.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_024836_000003742090_00261_43401_9867.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_025436_000004352090_00261_43401_9881.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_031824_000001502090_00261_43401_9890.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_032737_000001492090_00261_43401_9889.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_033546_000001042090_00262_43402_9885.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_042143_000009442090_00262_43402_9883.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDE20100619_045909_000013942090_00262_43402_0014.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_060133_000004792090_00263_43403_0012.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_061407_000002252090_00263_43403_0010.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDE20100619_214535_000002842090_00272_43412_0143.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_214935_000008092090_00272_43412_0157.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_221635_000001652090_00273_43413_0160.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_223515_000020242090_00273_43413_0161.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20100619_232606_000003442090_00273_43413_0162.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20100619_092644_000010492090_00265_43405_5207.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_100057_000019192090_00265_43405_5208.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_105246_000001652090_00266_43406_5224.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_105650_000001342090_00266_43406_5225.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20100619_114133_000017992090_00266_43406_5229.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_123236_000009442090_00267_43407_5247.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_123236_000009442090_00267_43407_5251.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_123236_000009442090_00267_43407_5256.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_130019_000003002090_00267_43407_5245.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_130019_000003002090_00267_43407_5249.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_130019_000003002090_00267_43407_5254.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_132208_000003002090_00267_43407_5260.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_134339_000000442090_00268_43408_5258.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_141536_000006142090_00268_43408_5277.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_143421_000006902090_00268_43408_5279.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_150235_000008392090_00268_43408_5282.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_160606_000012292090_00269_43409_5302.N1 |         |         |         |         | OK | OK | OK | OK |
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| ASA_WVS_1PNPDK20100619_174328_000014242090_00270_43410_5322.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_182814_000009592090_00270_43410_5324.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_191609_000018892090_00271_43411_5342.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20100619_200423_000005552090_00271_43411_5345.N1 |         |         |         |         | OK | OK | OK | OK |

### Calibration pulses for GM1 SS3 H/H

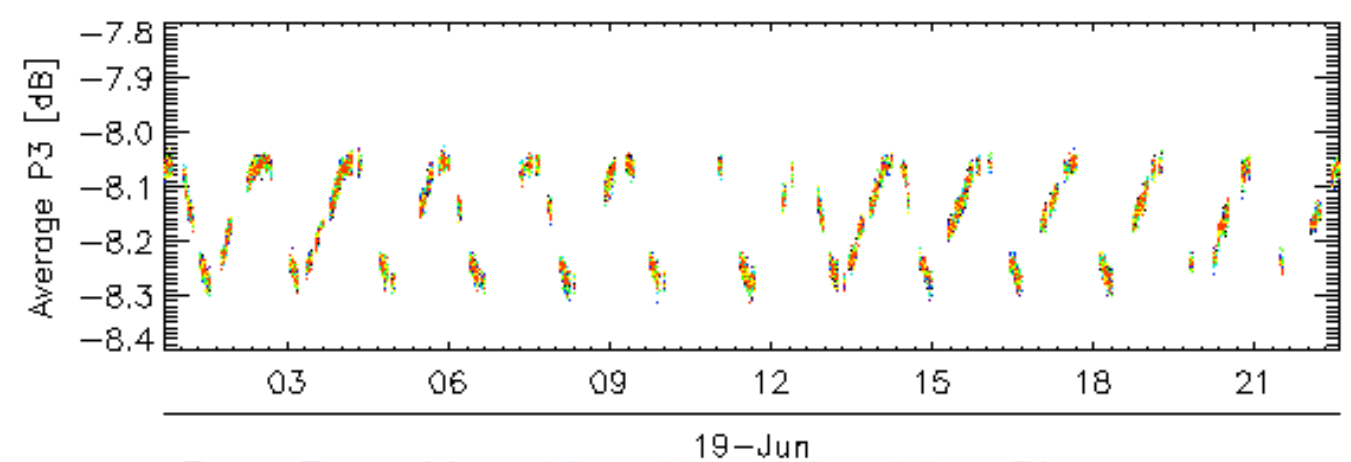
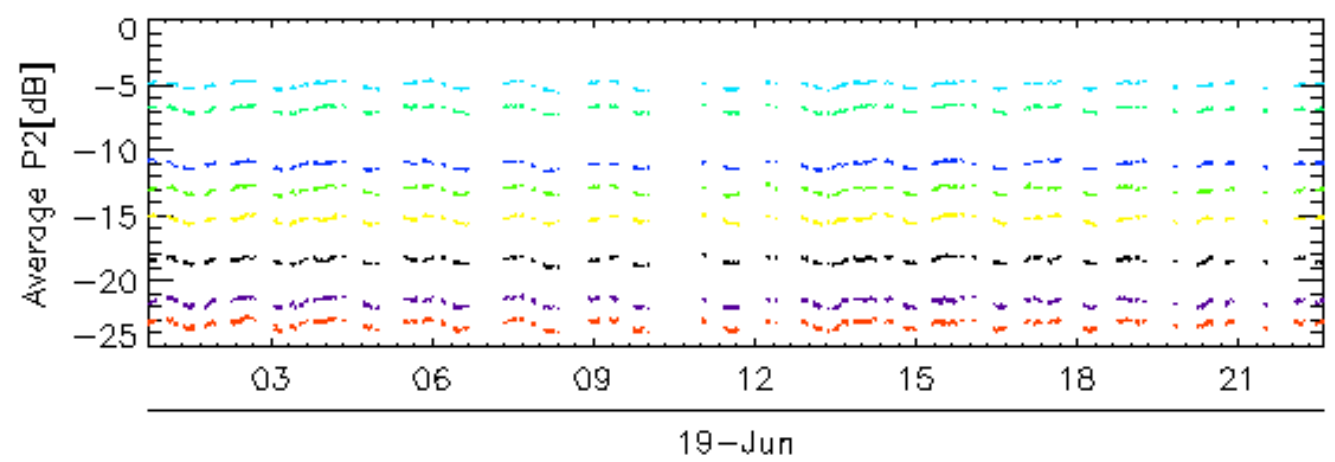
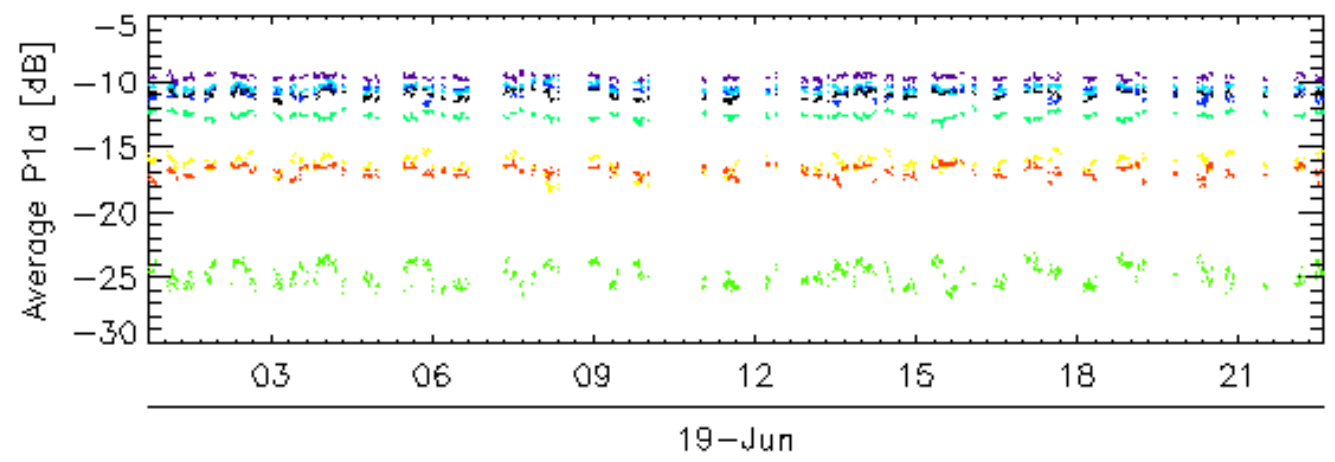
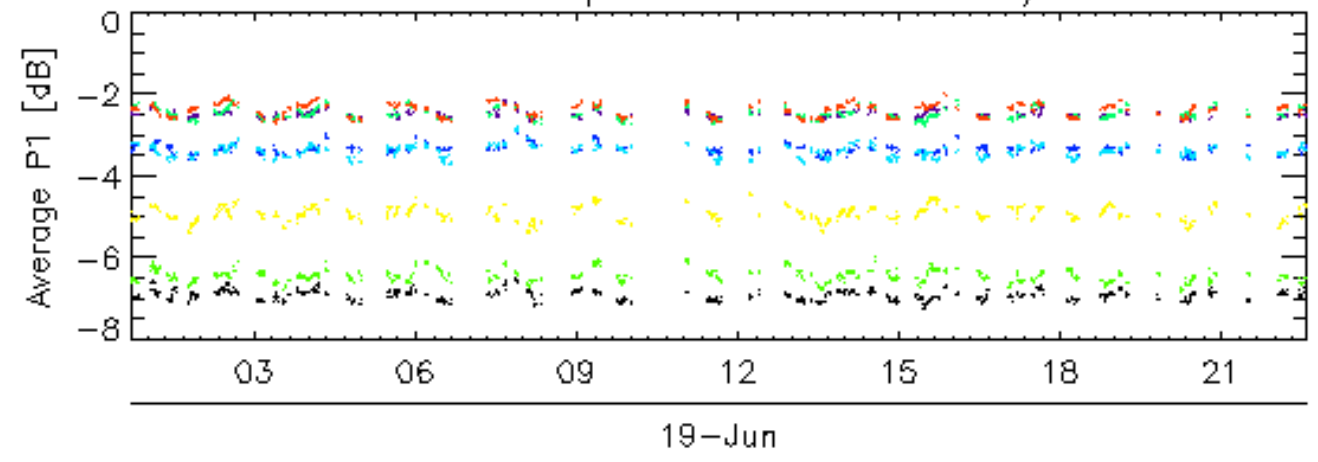




### Calibration pulses for GM1 SS3 H/H

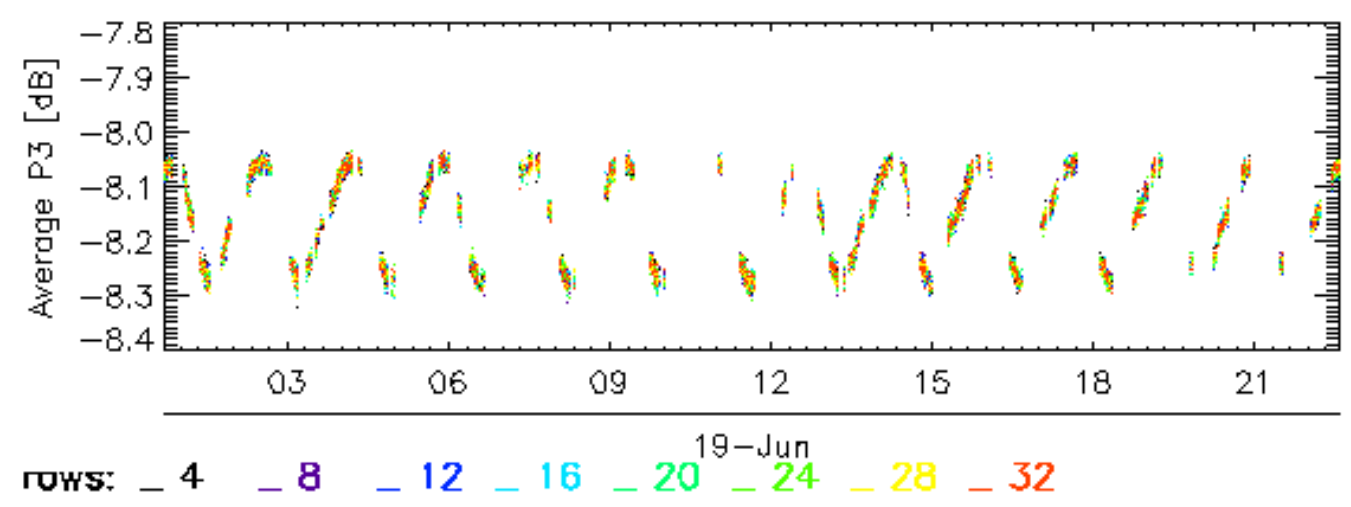
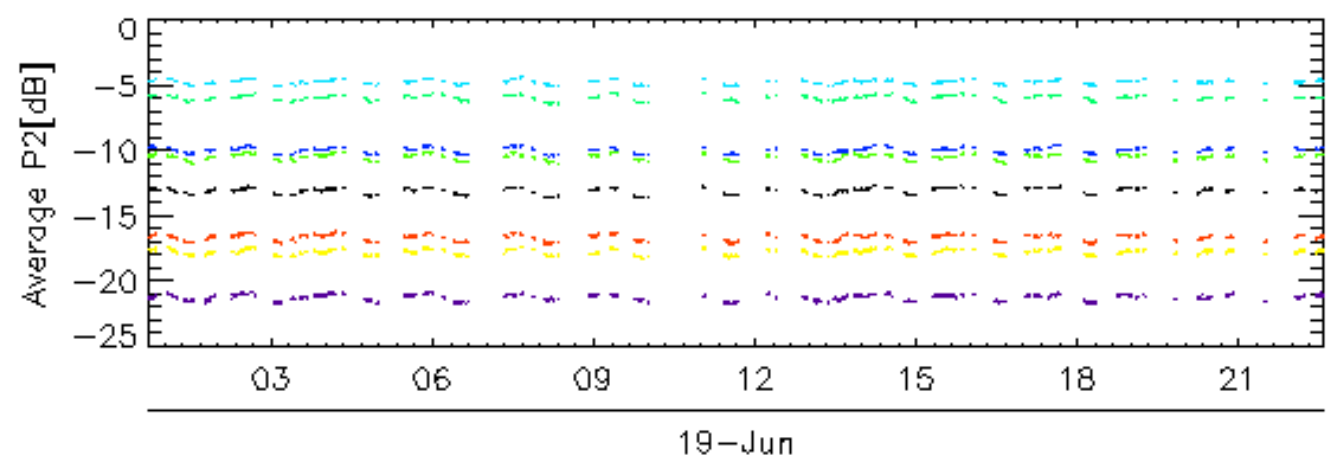
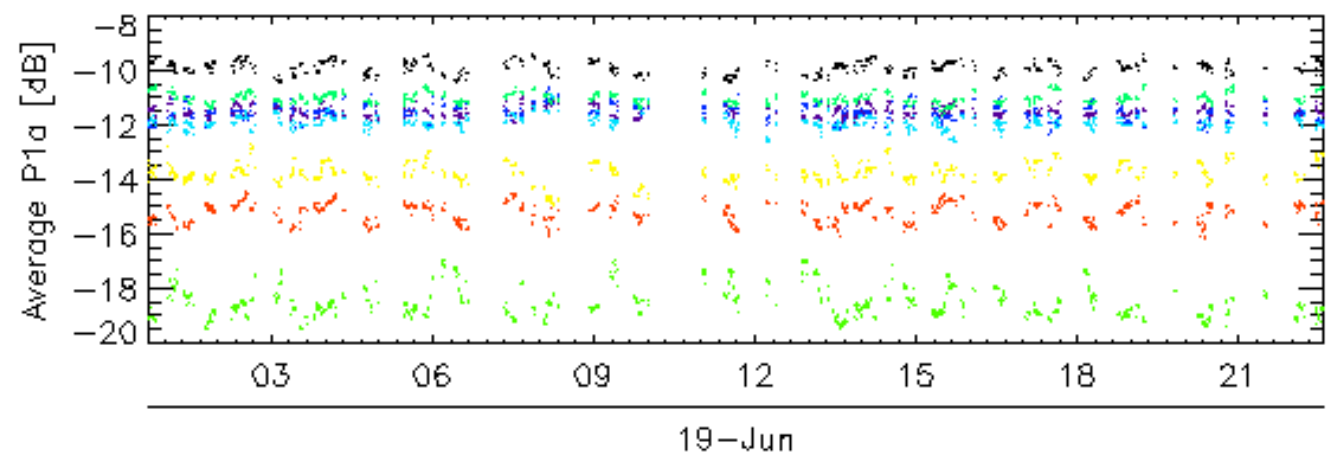
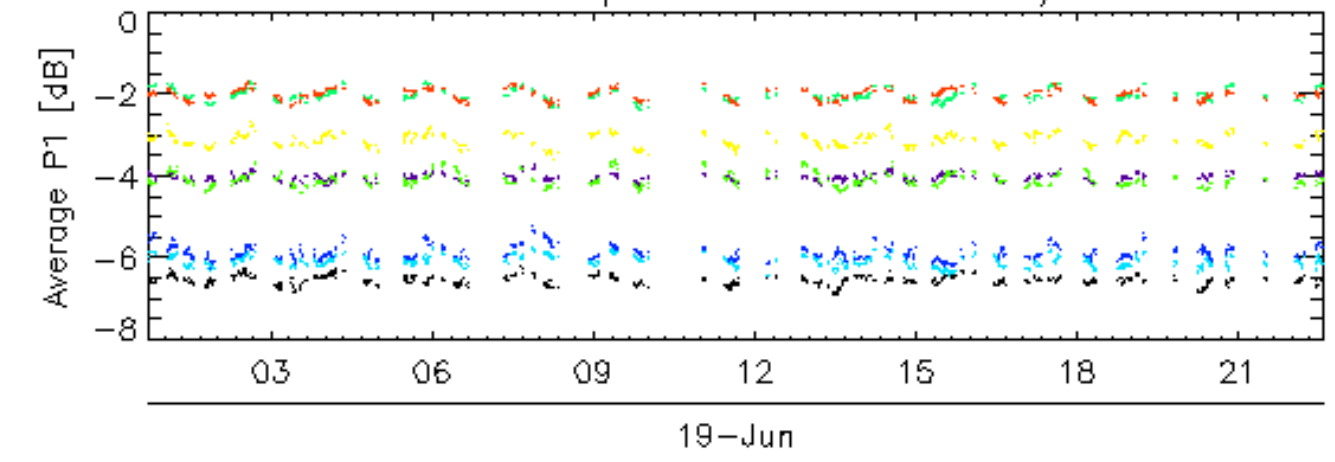


Calibration pulses for GM1 SS3 H/H



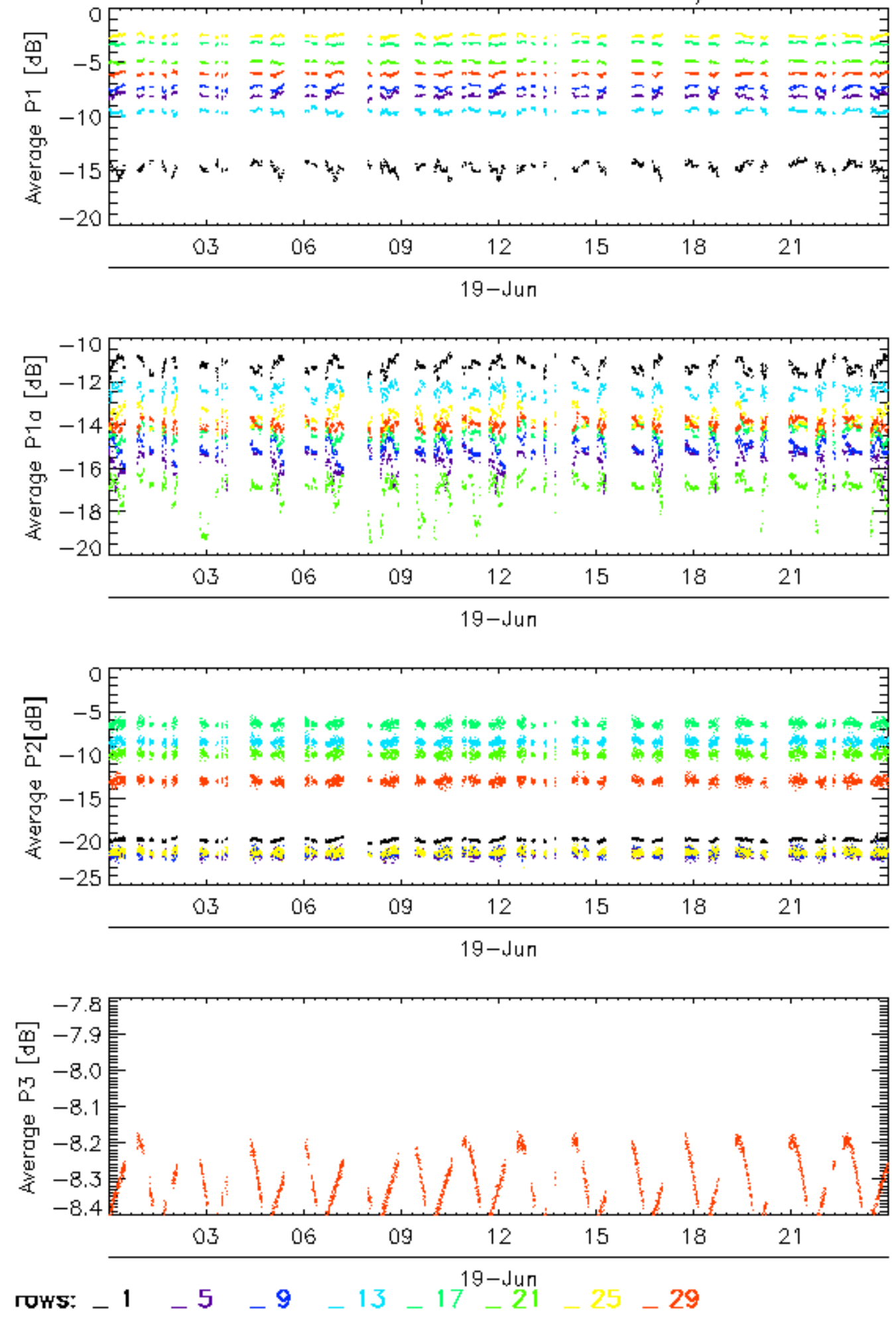
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### Calibration pulses for GM1 SS3 H/H

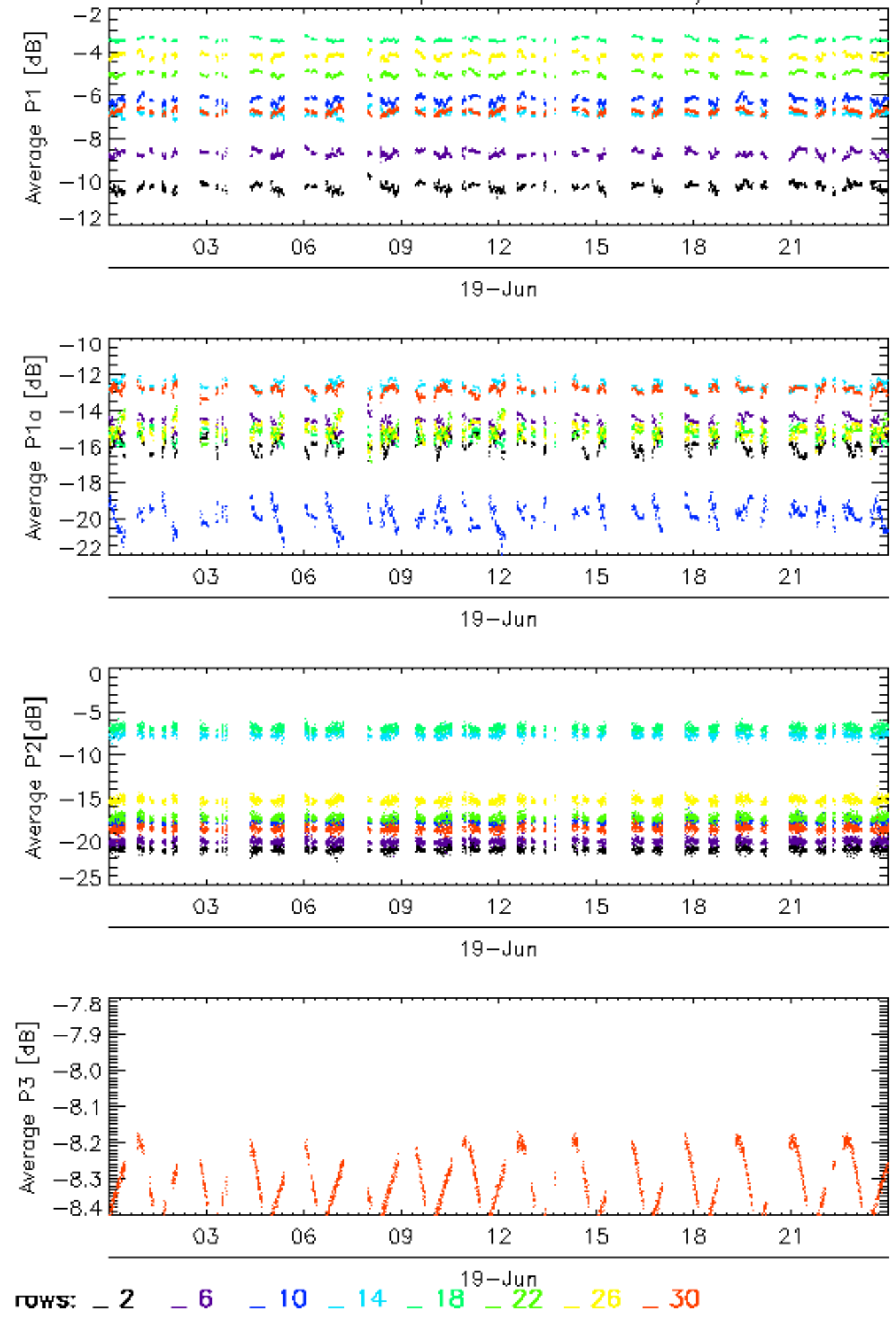




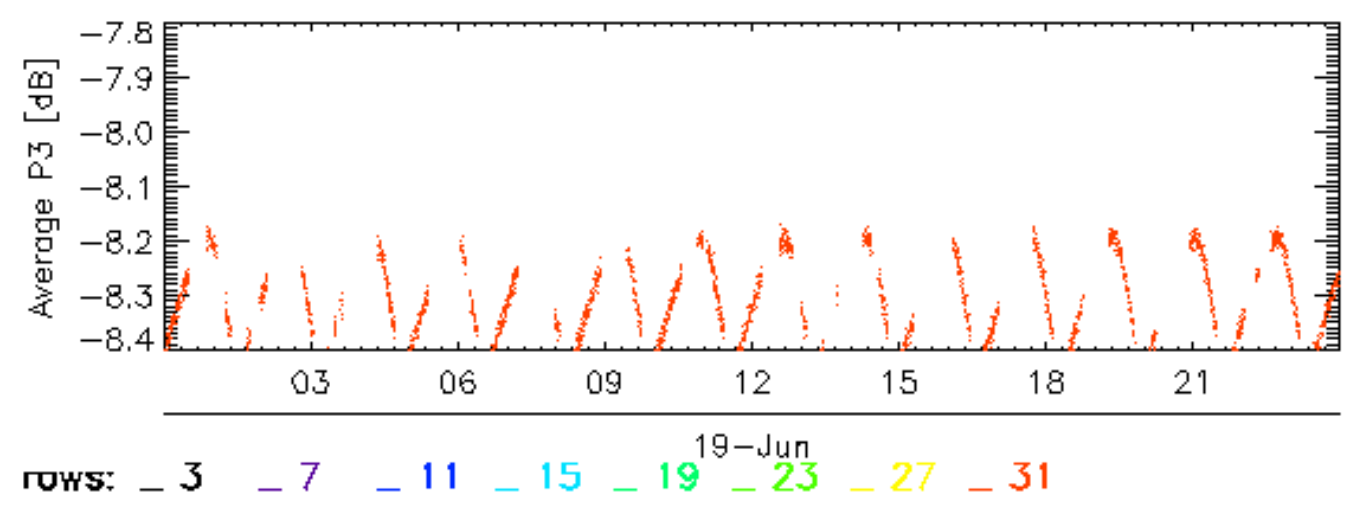
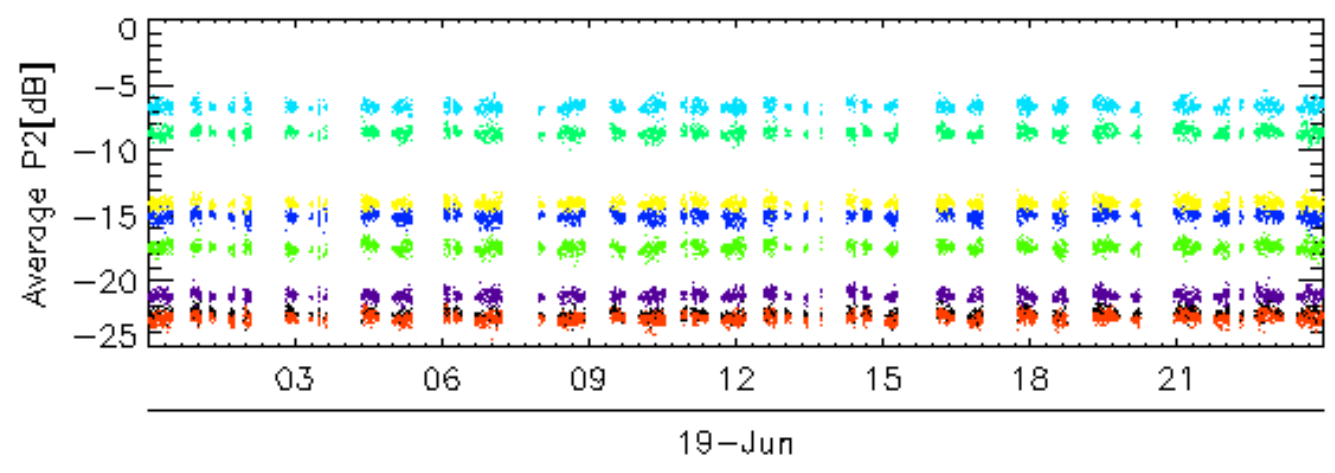
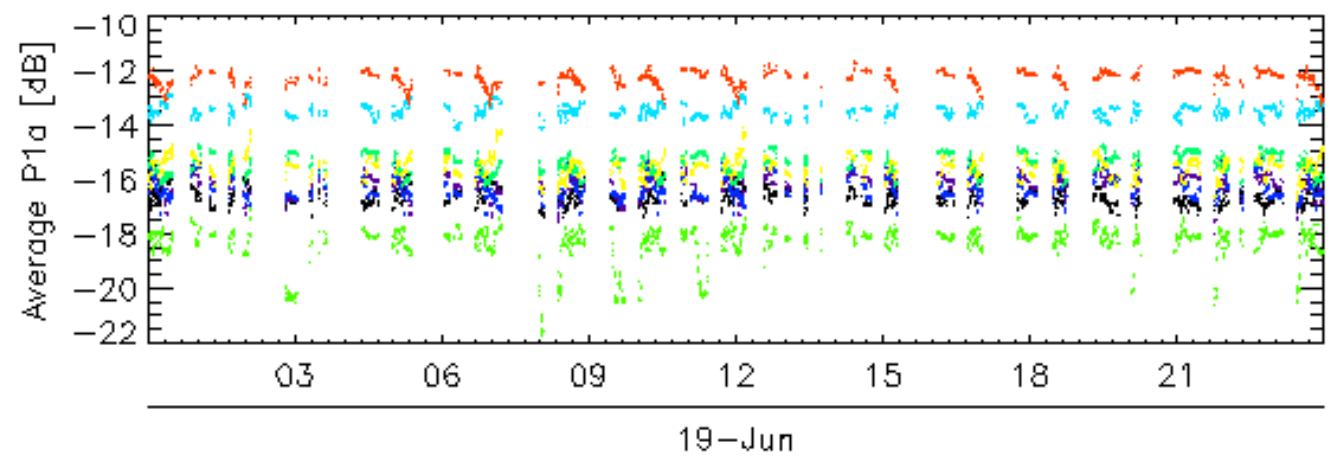
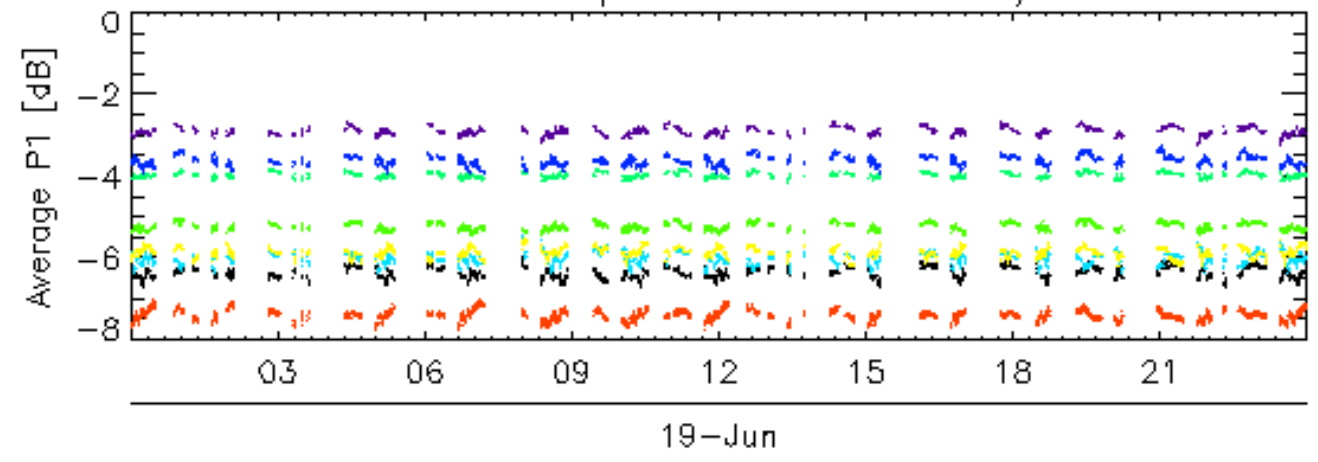
Calibration pulses for WVS IS2 V/V



### Calibration pulses for WVS IS2 V/V

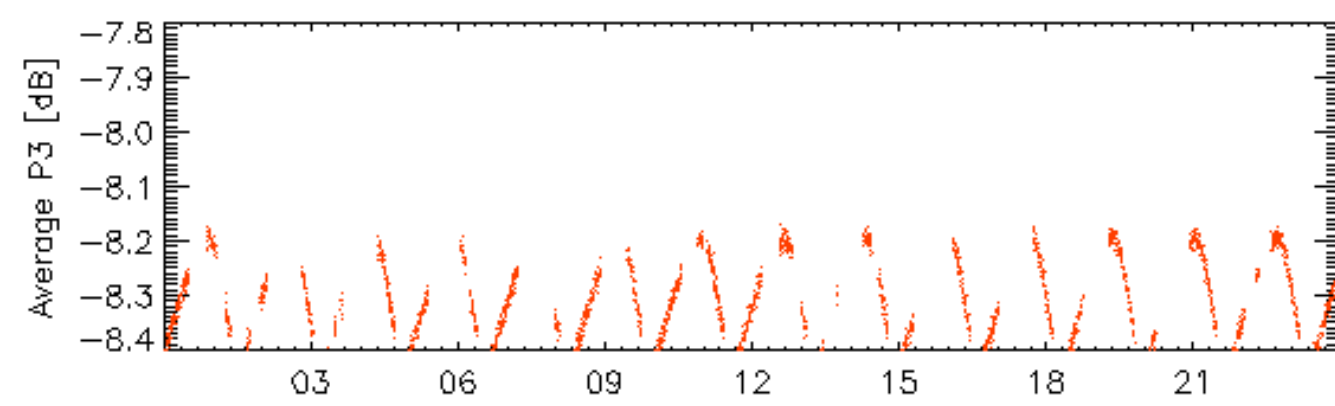
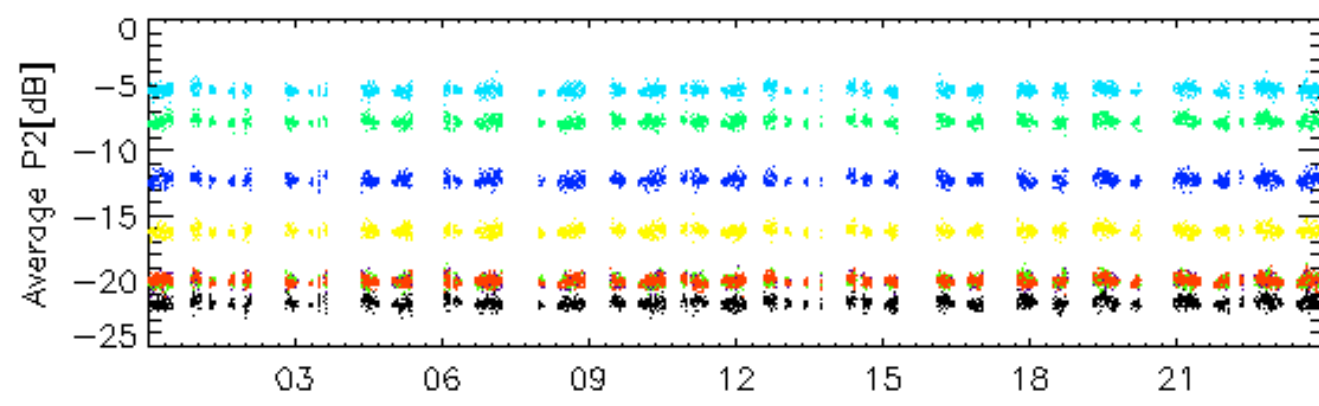
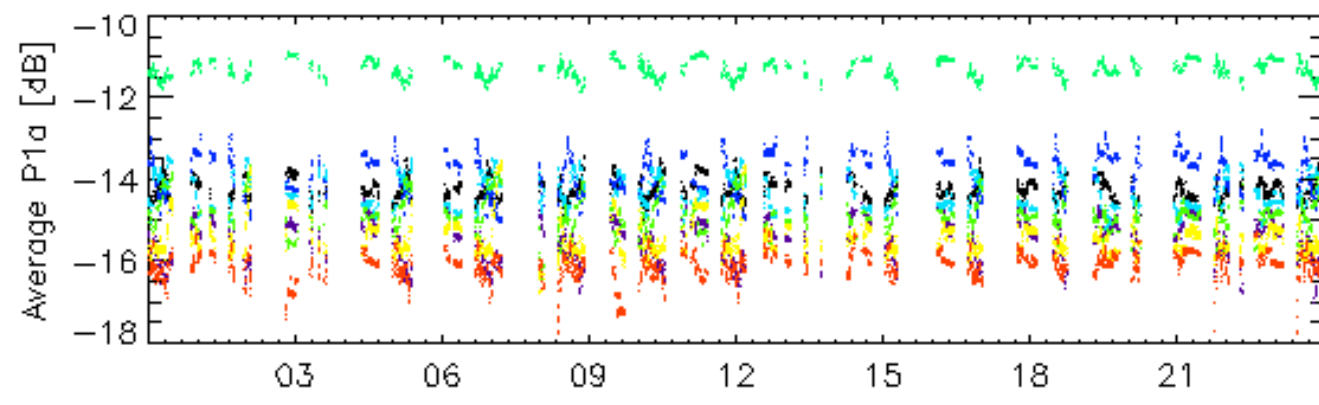
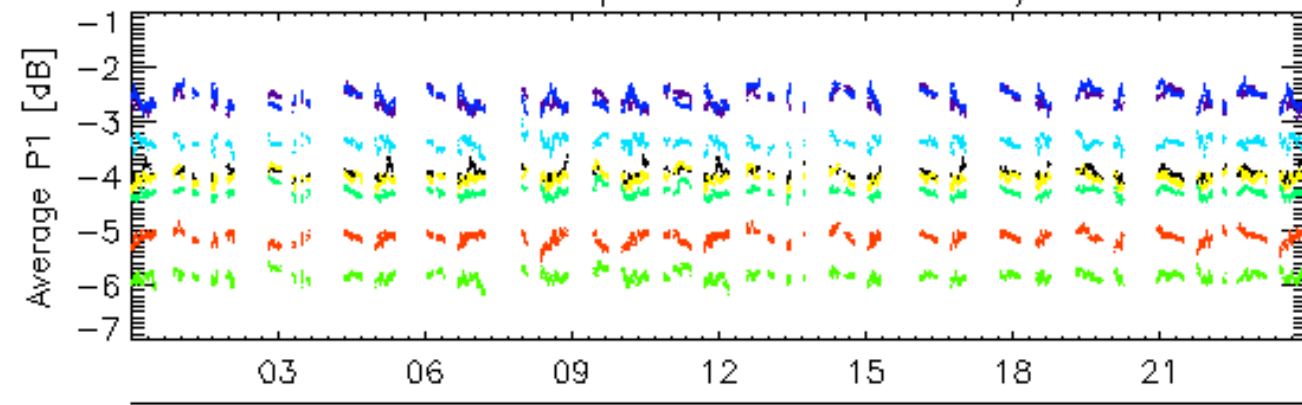


### Calibration pulses for WVS IS2 V/V

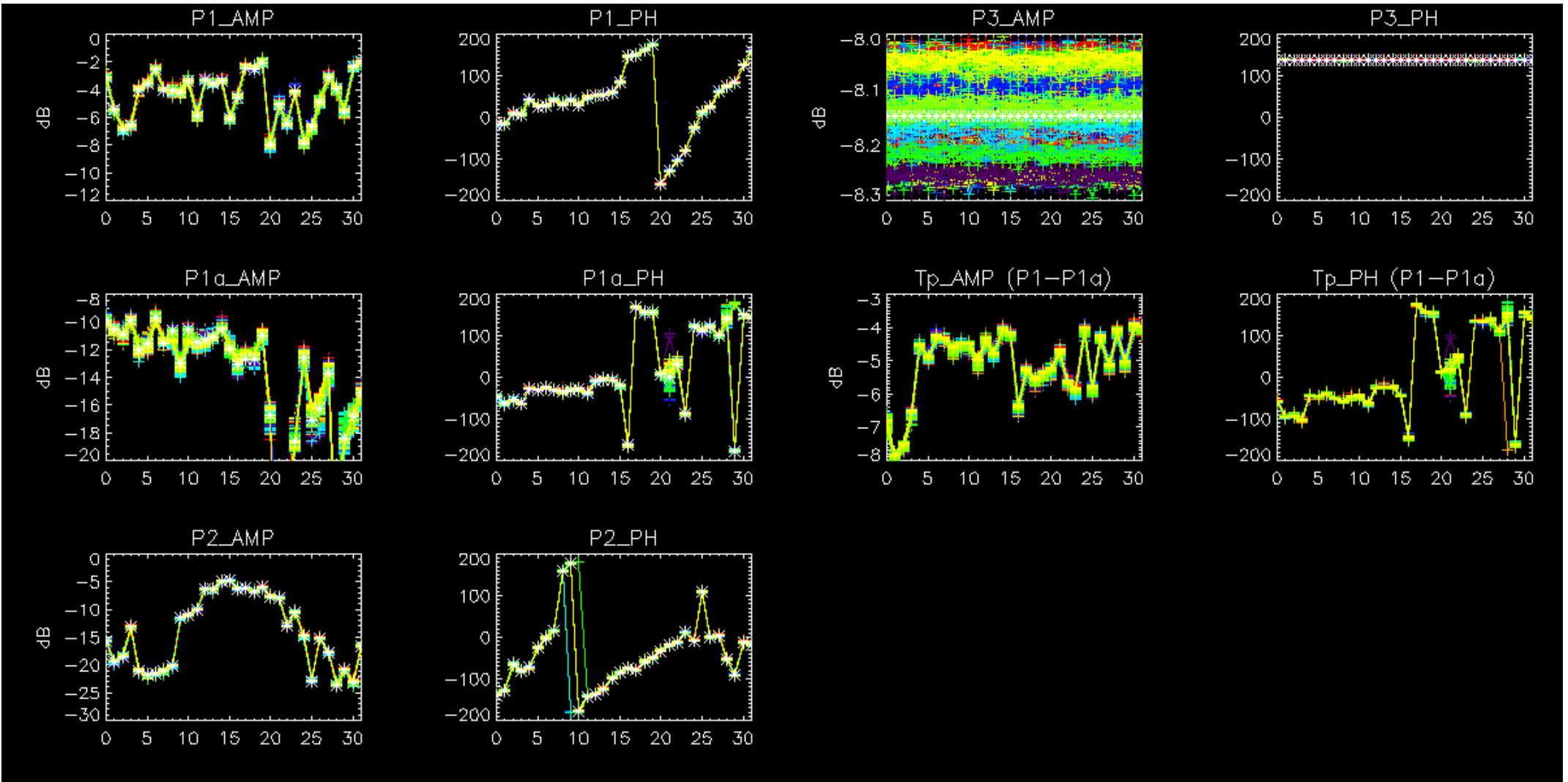


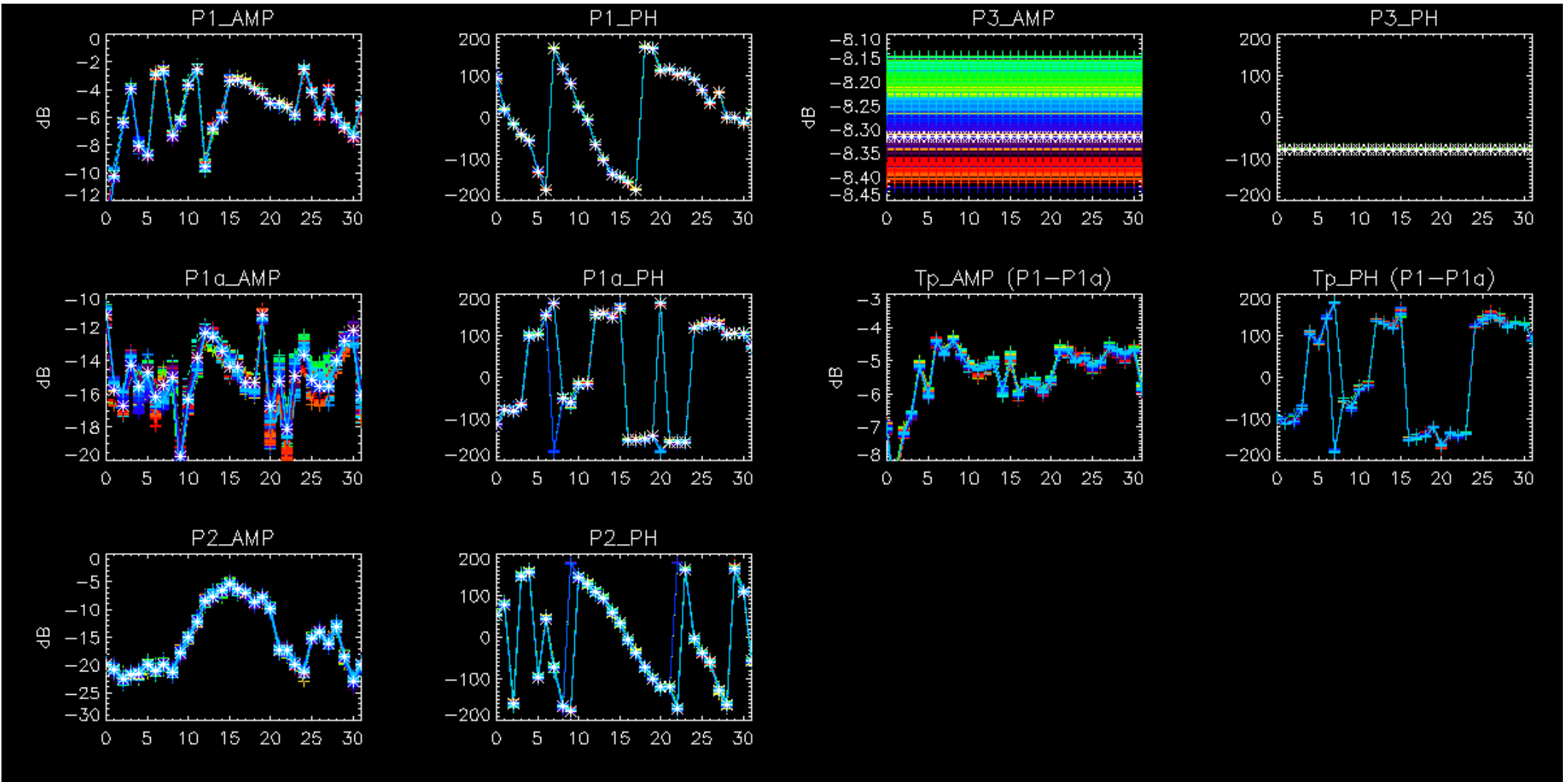


Calibration pulses for WVS IS2 V/V

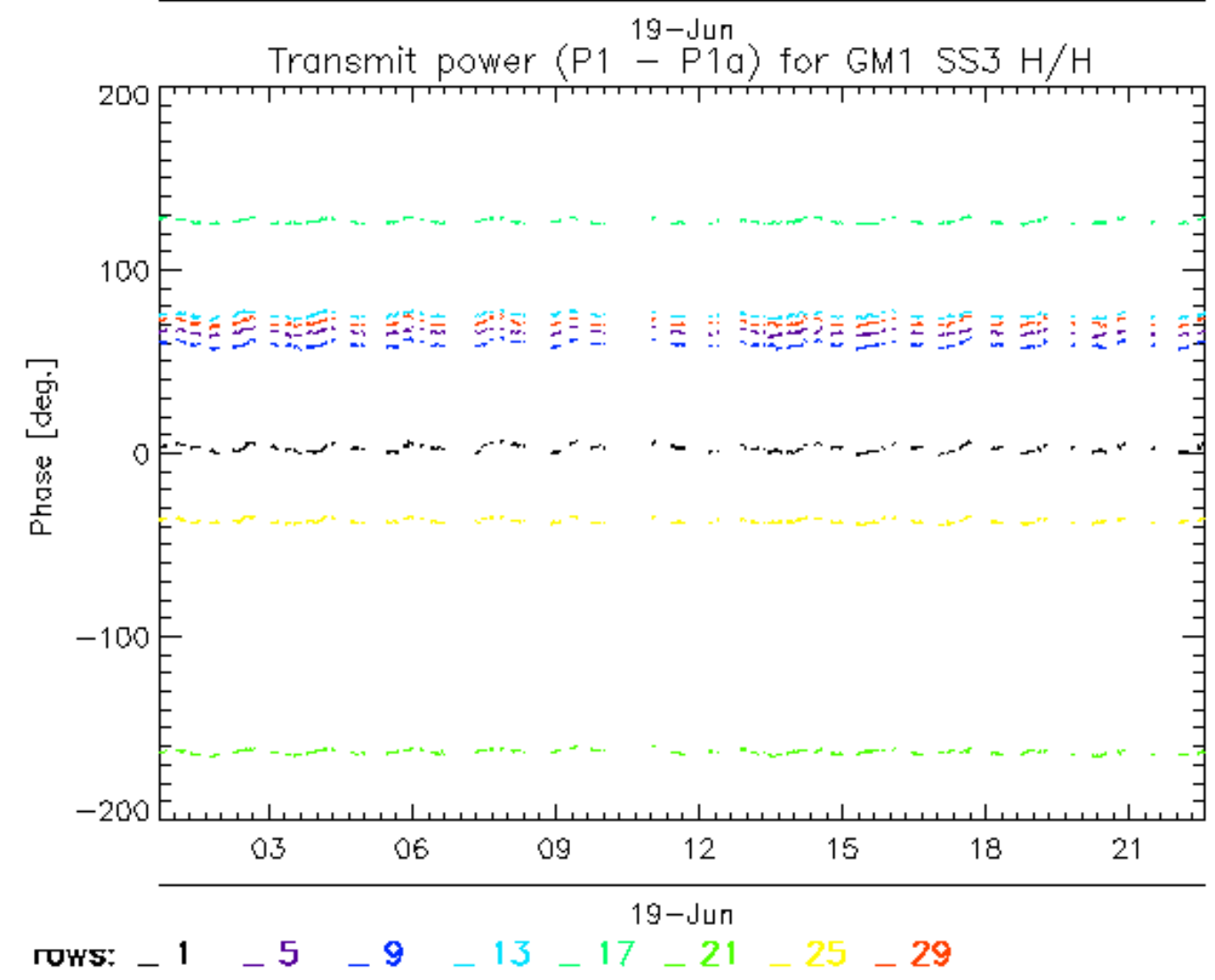
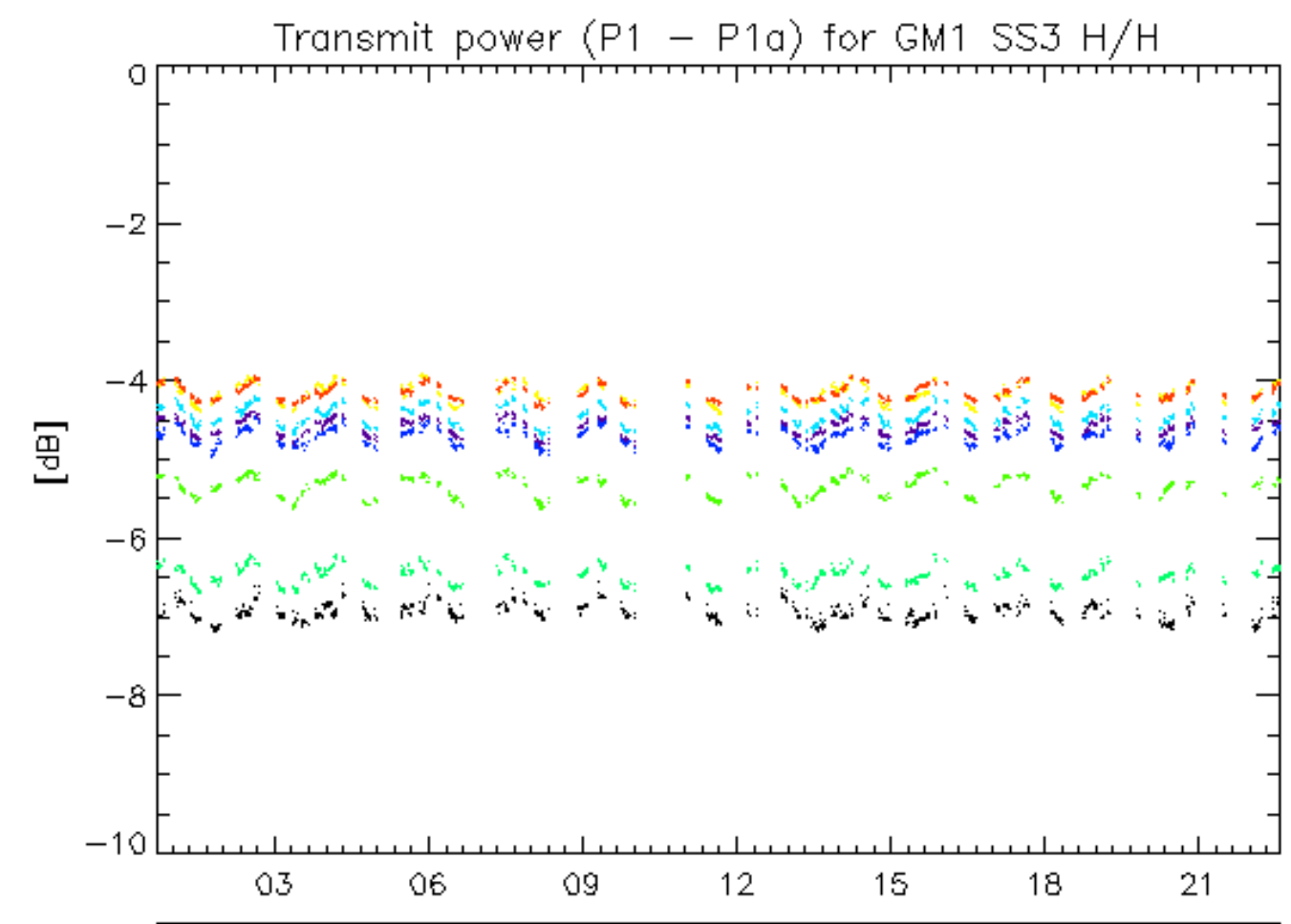


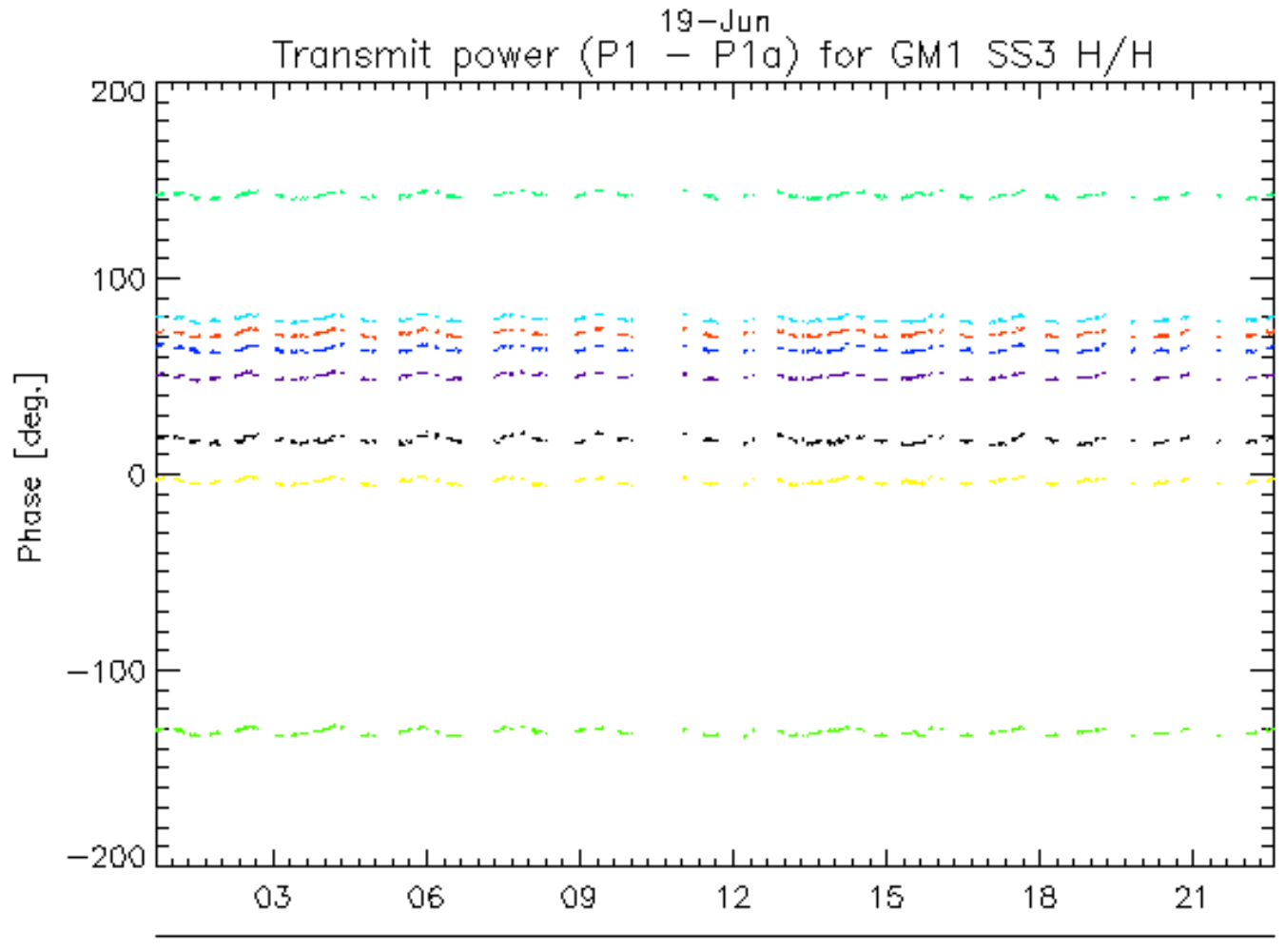
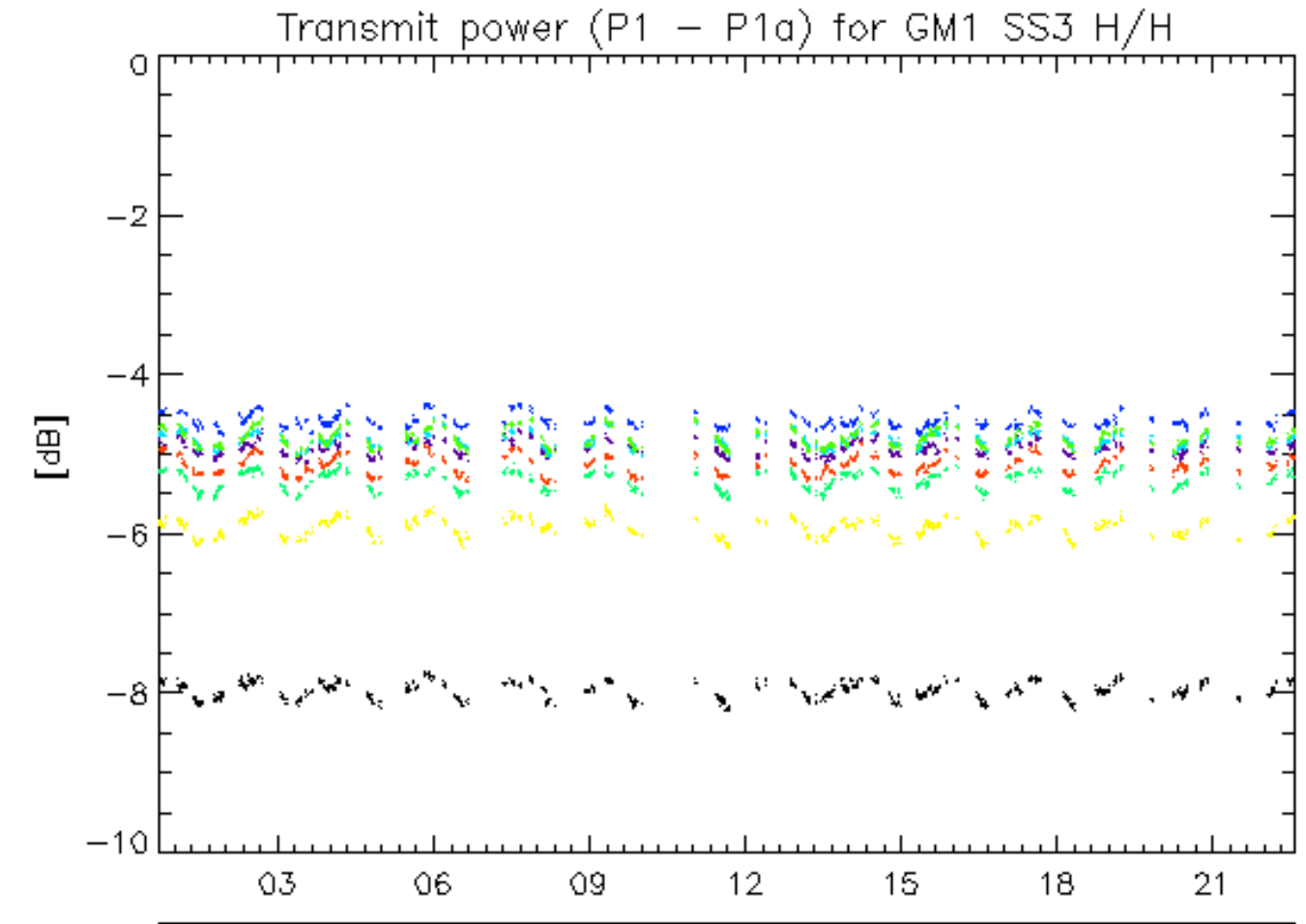
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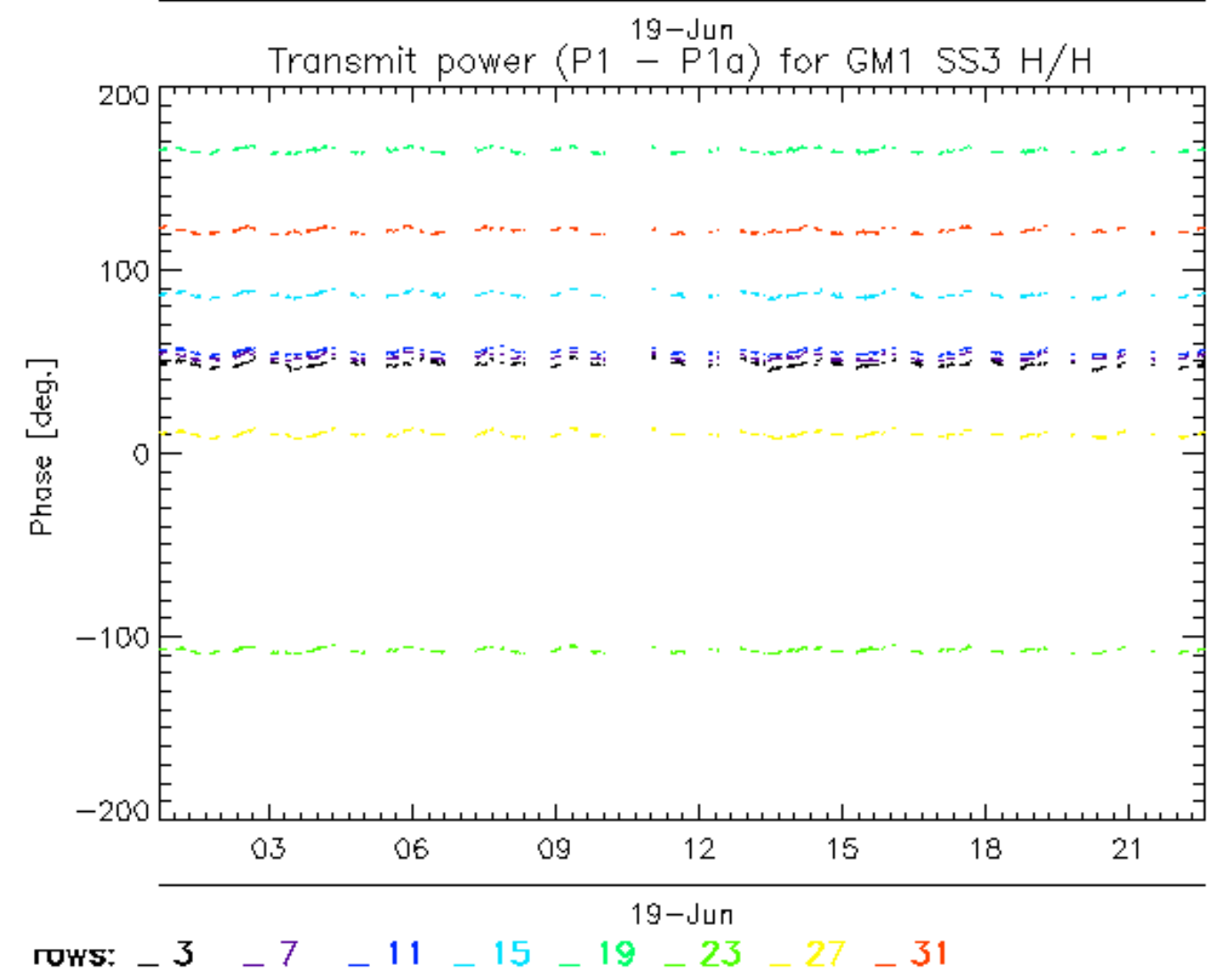
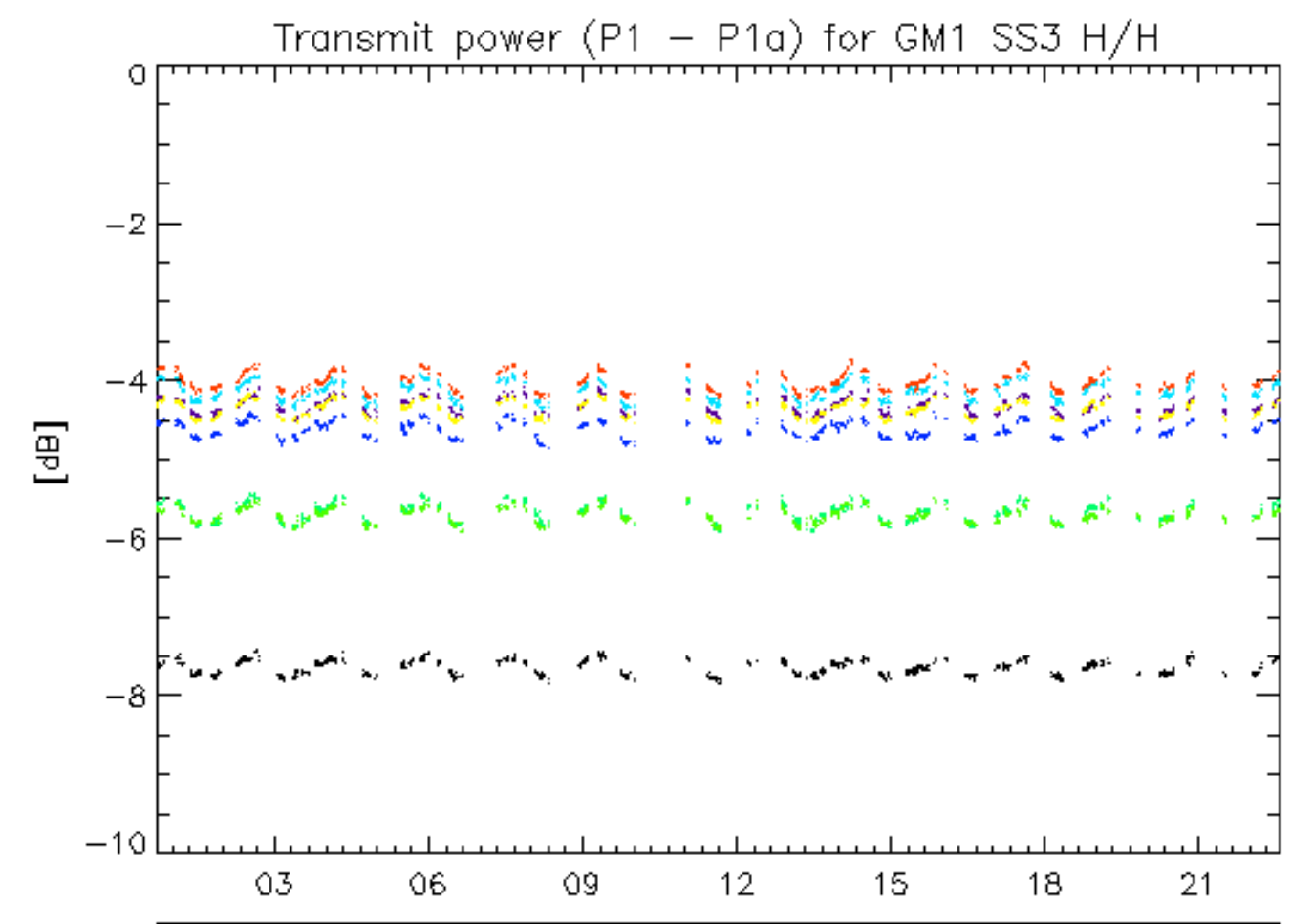




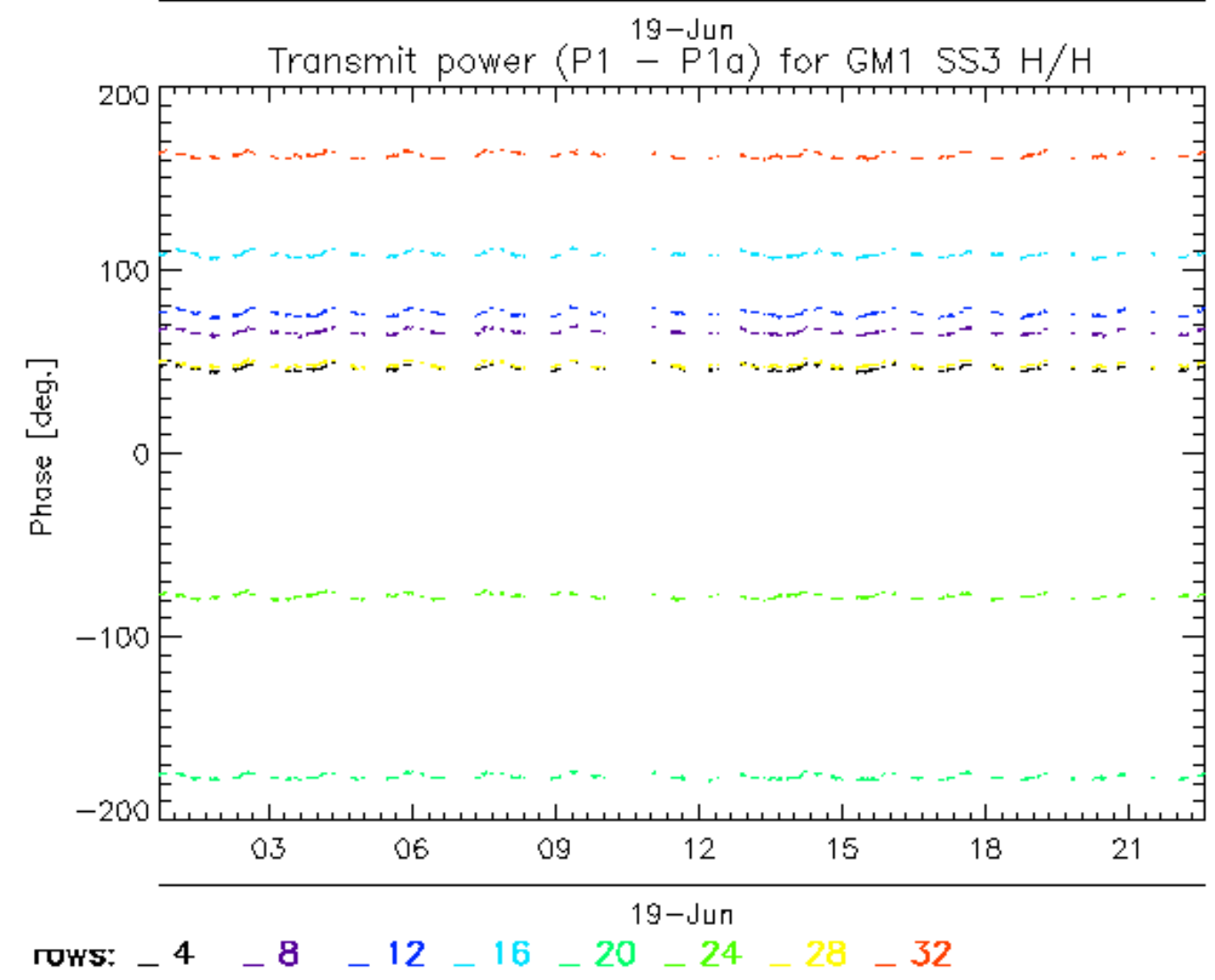
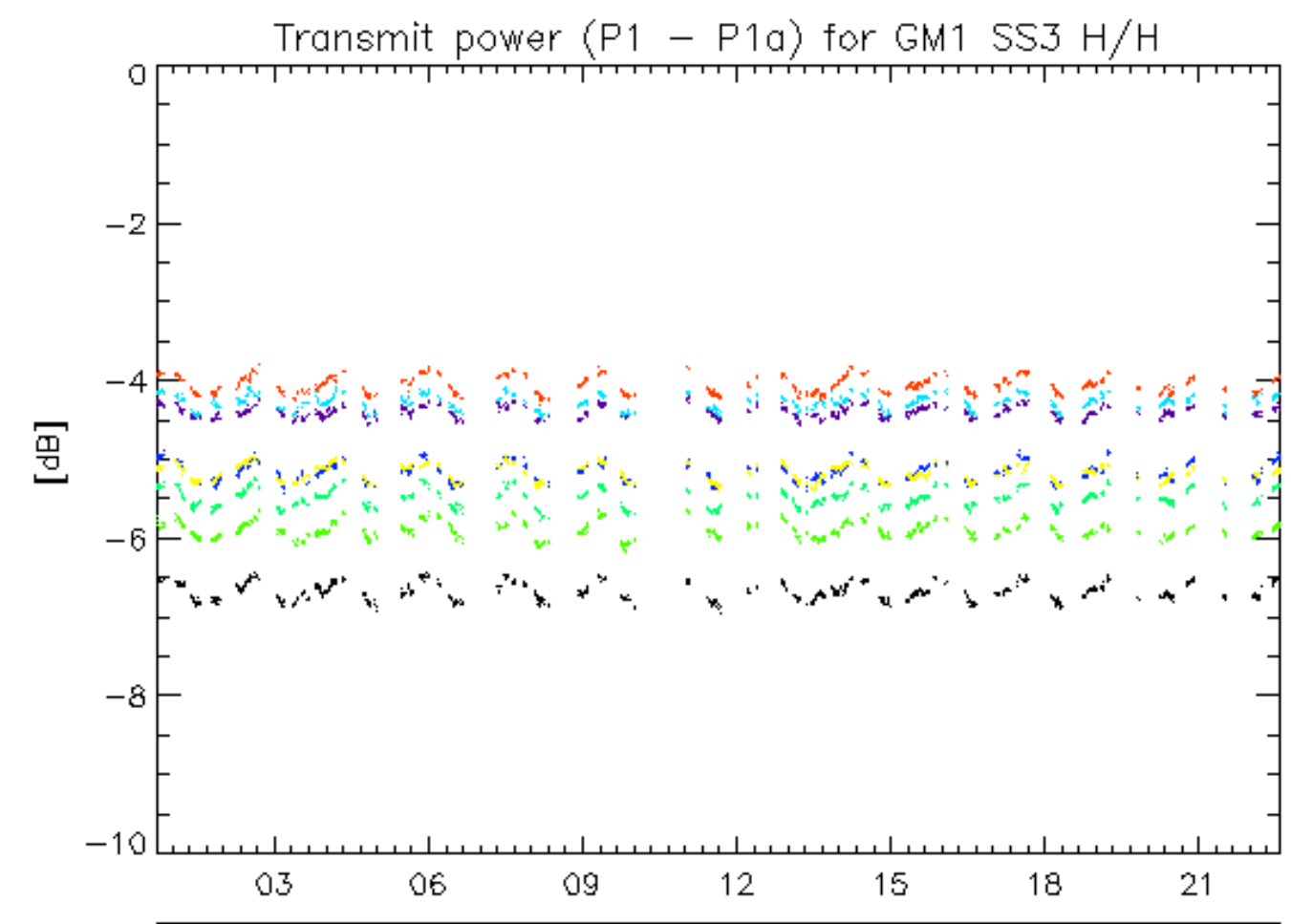


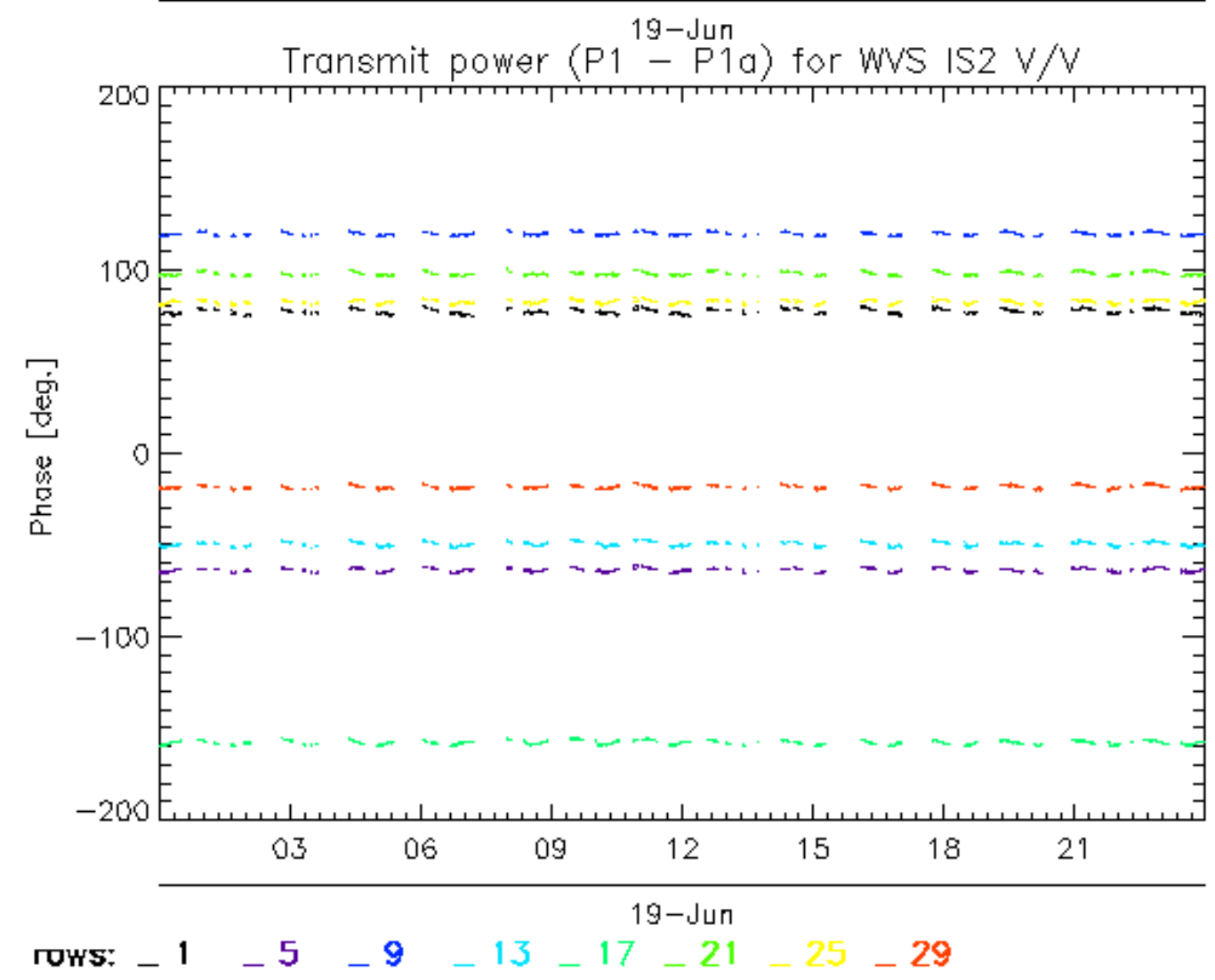
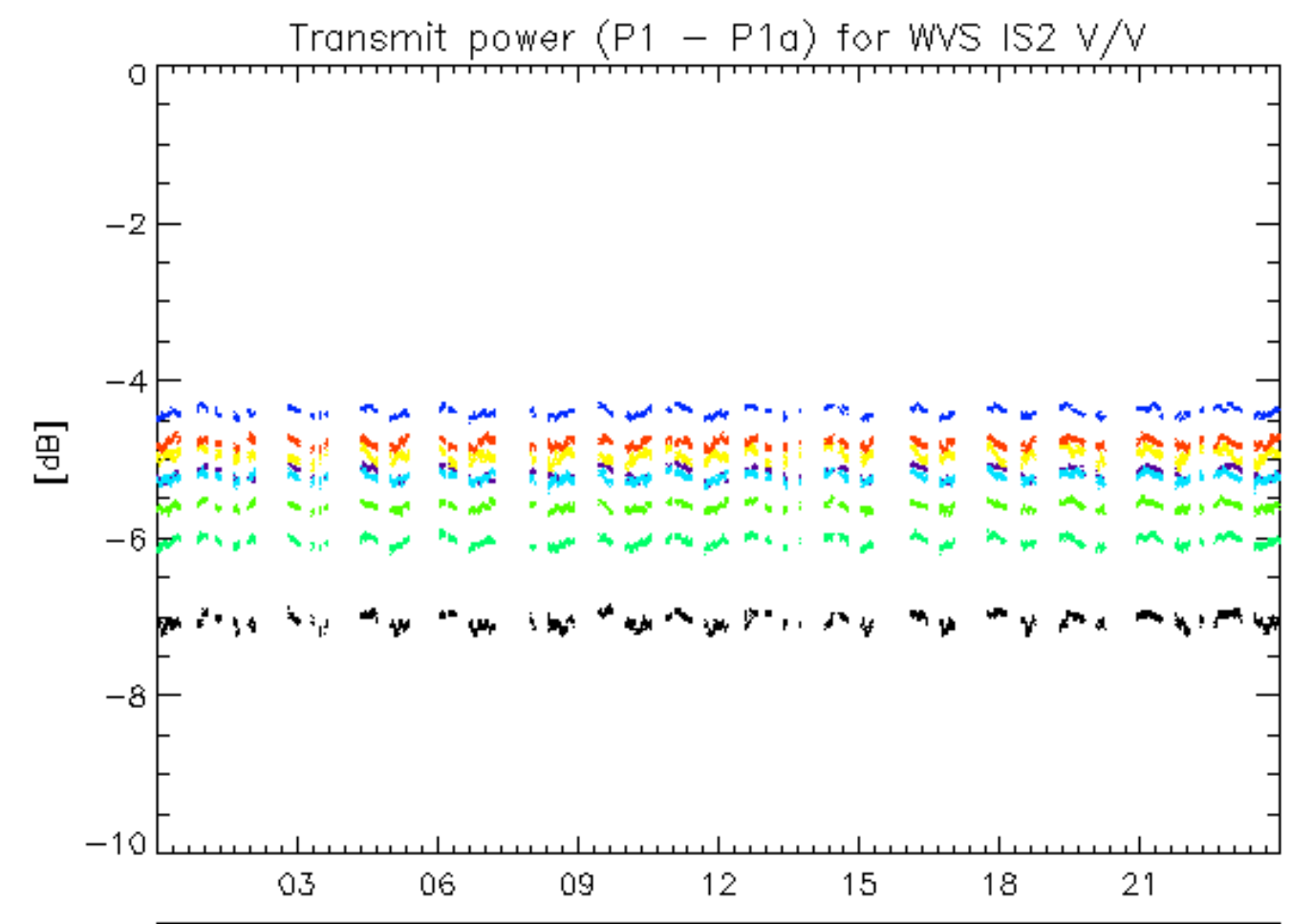


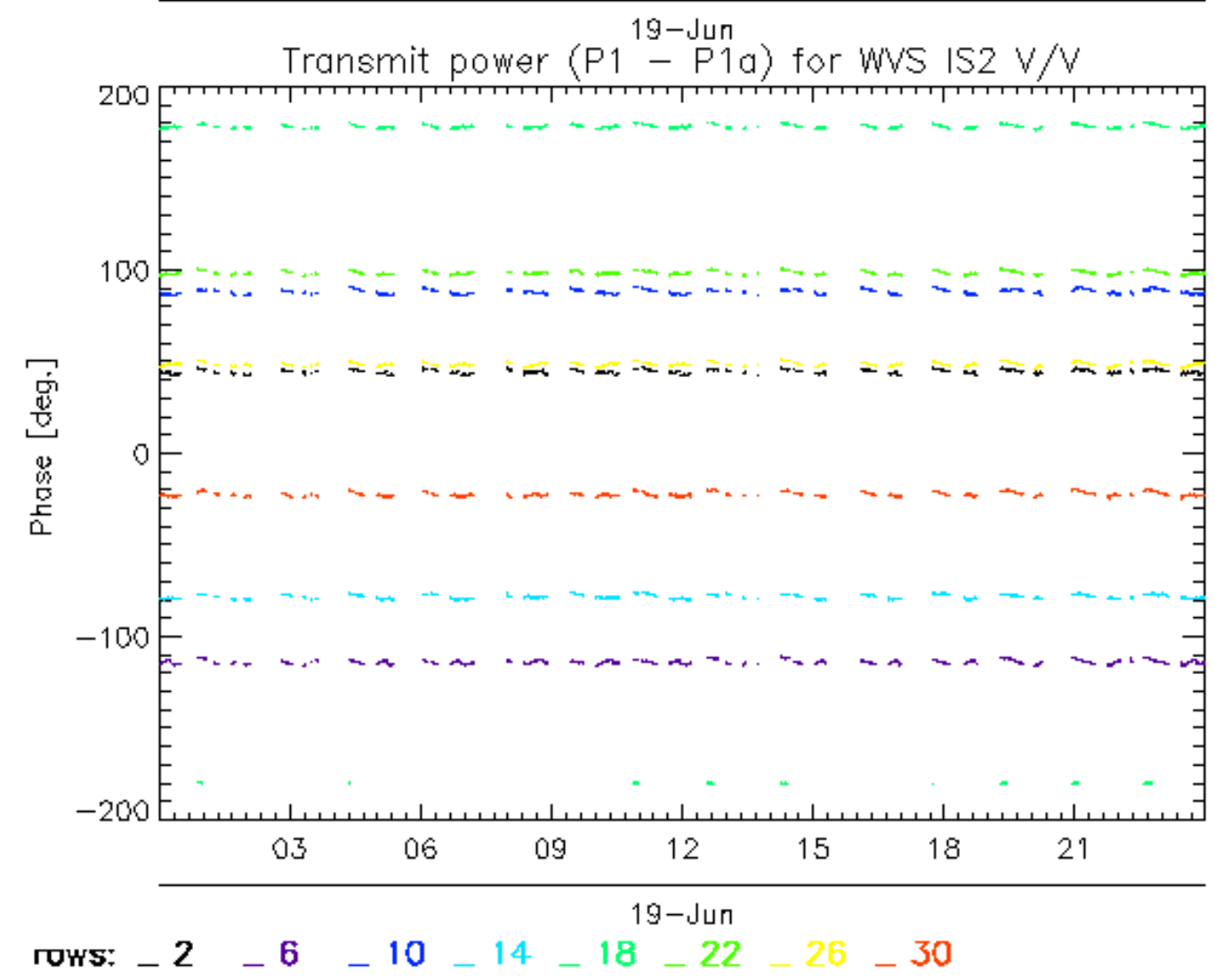
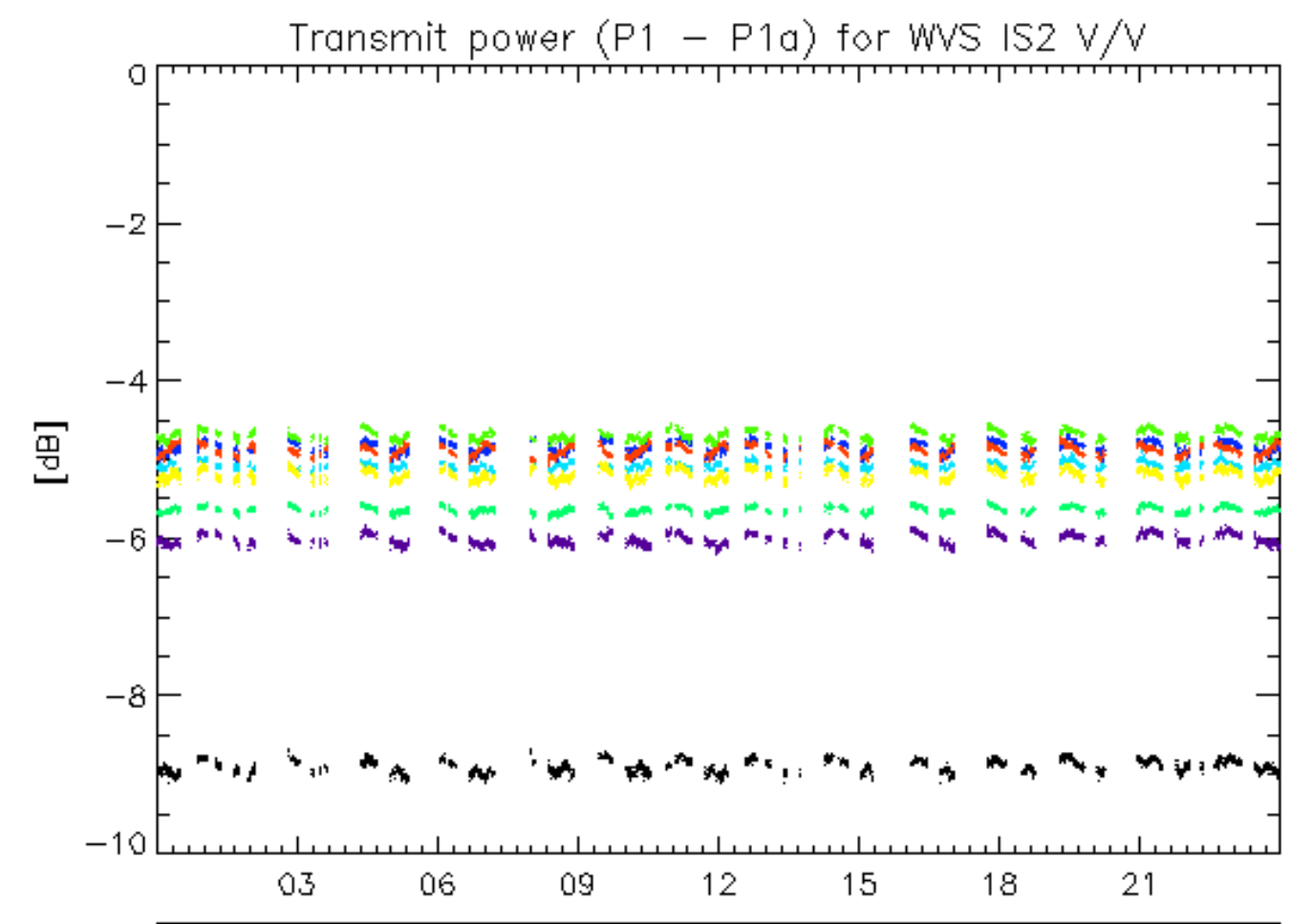
19-Jun  
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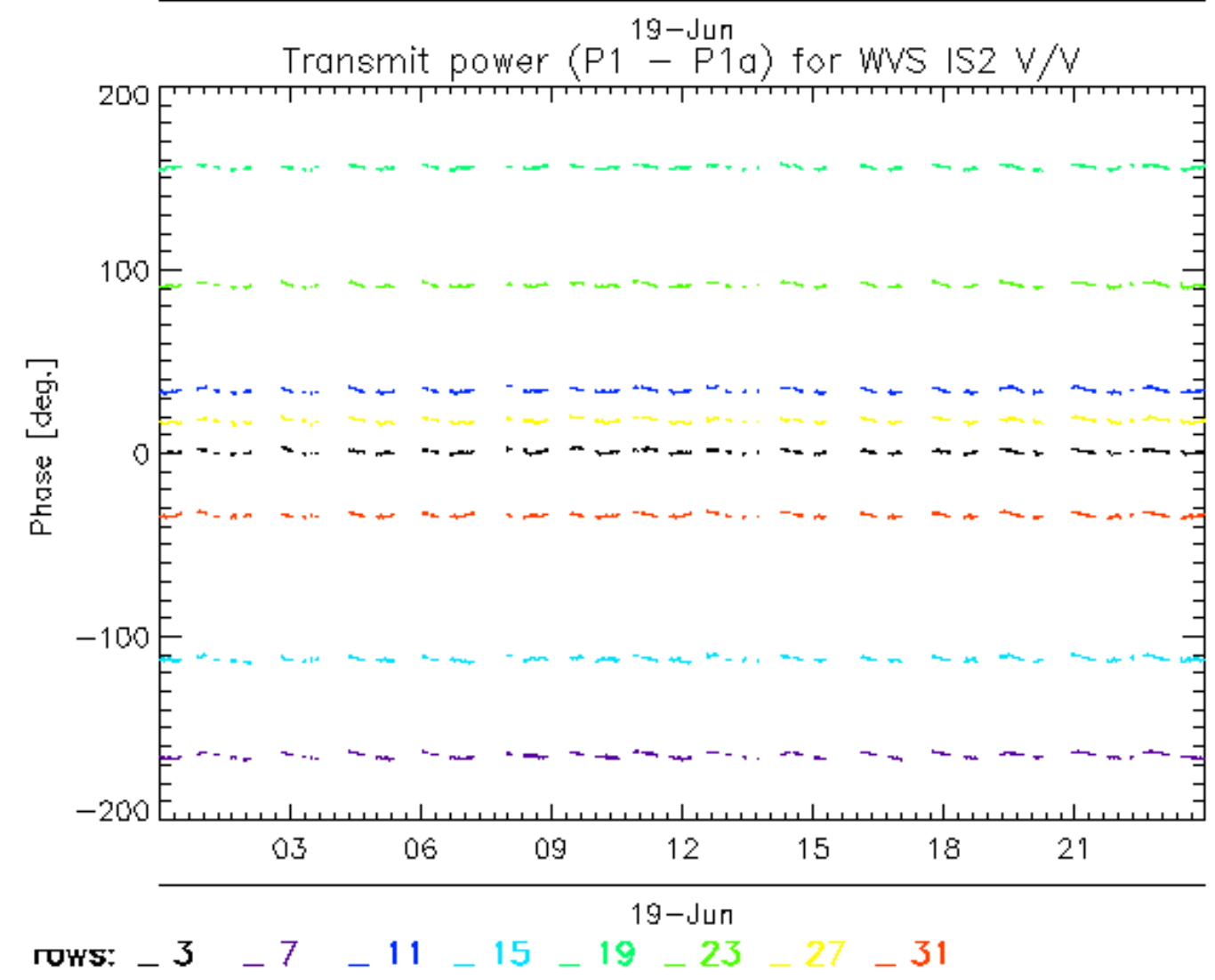
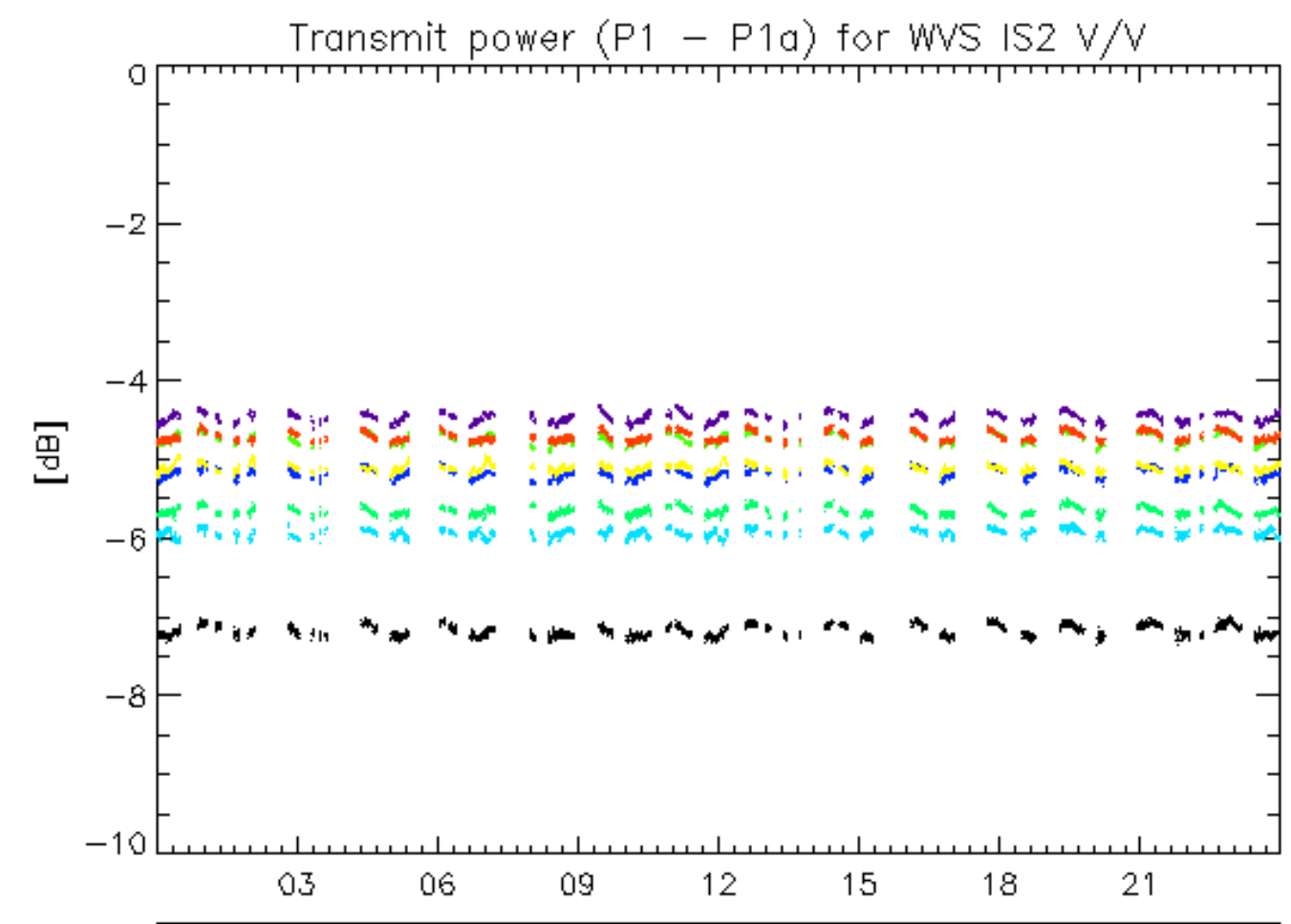


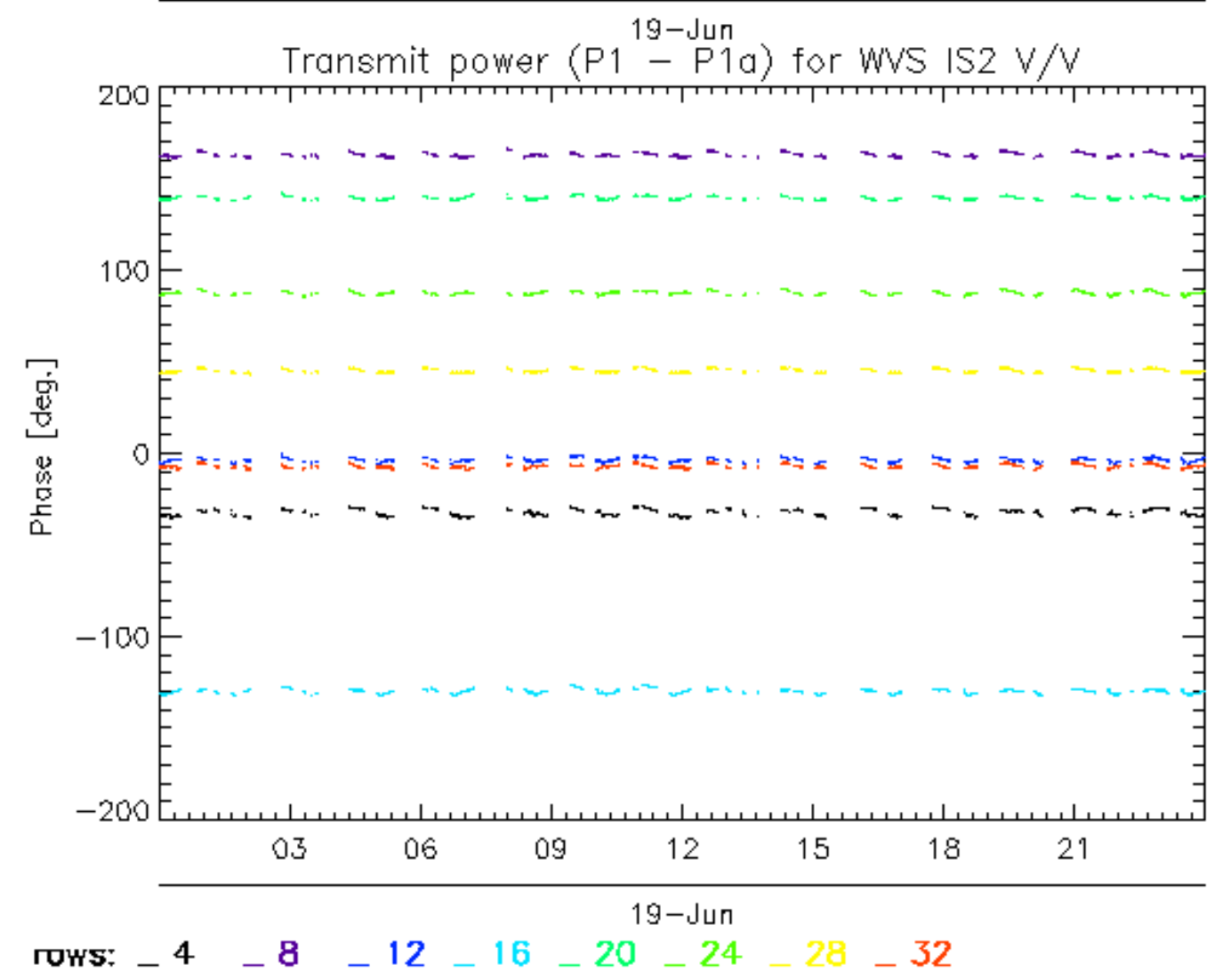
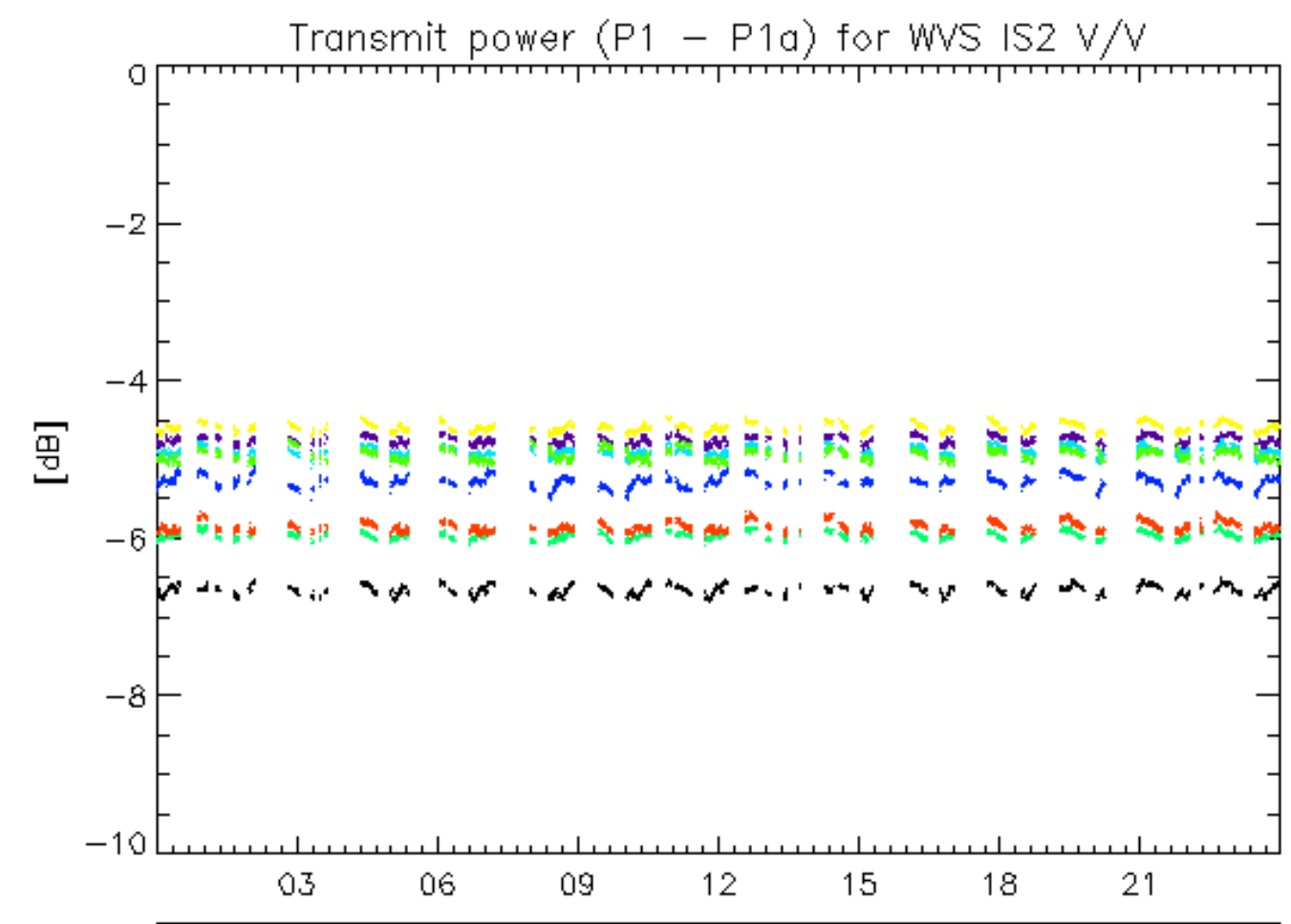


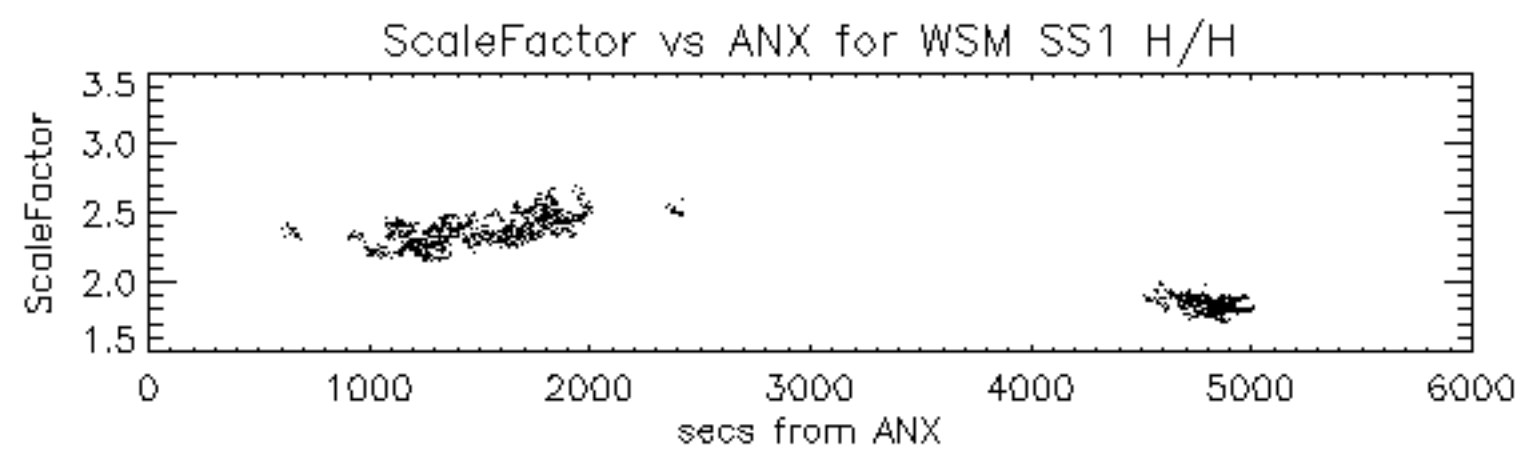


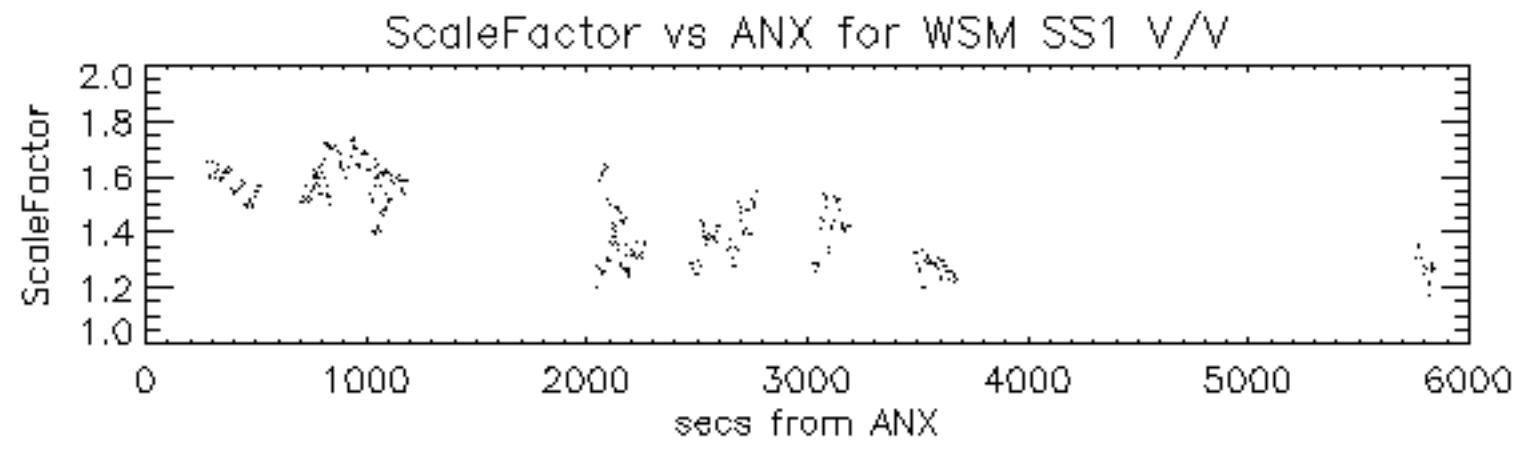




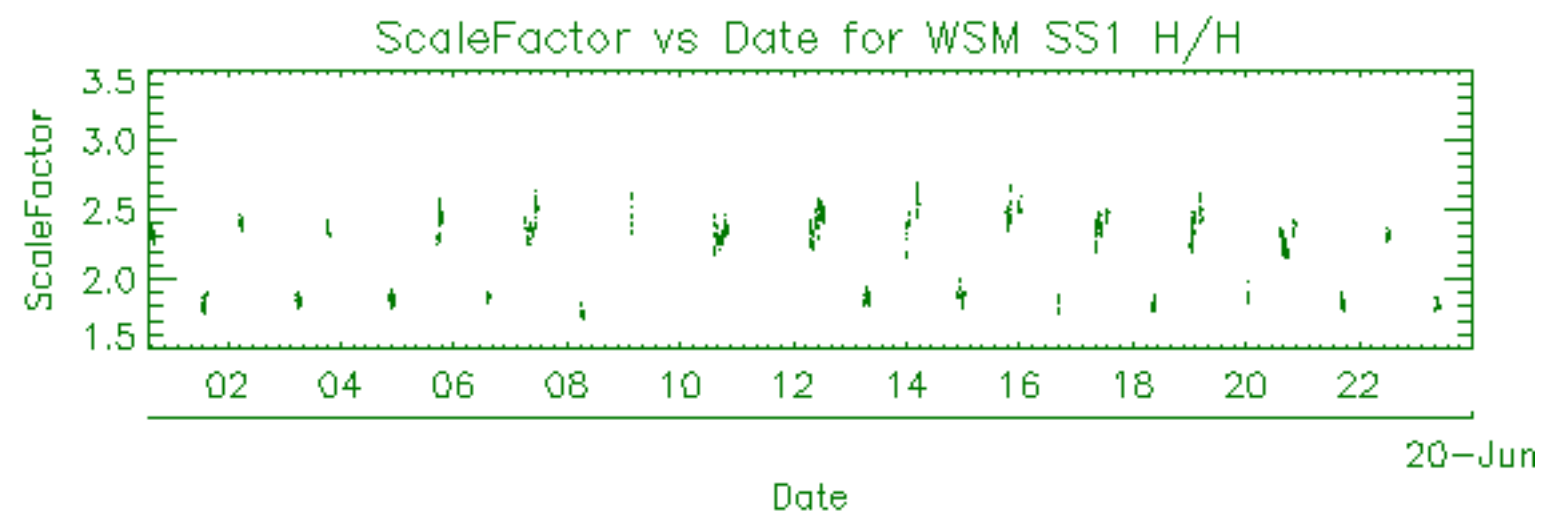


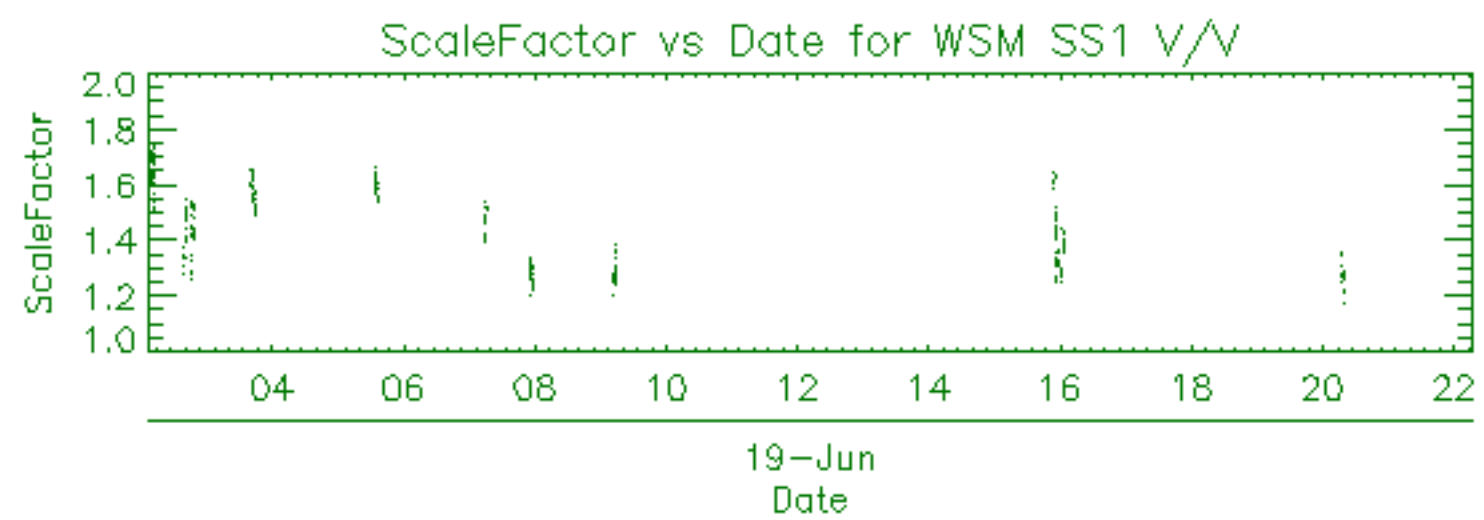












| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_APM_1PNPDE20100619_052301_000001192090_00263_43403_0009.N1 |      |     |             |          |          | IS4         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_APM_1PNPDE20100619_074422_000000842090_00264_43404_0039.N1 |      |     |             |          |          | IS4         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_APM_1PNPDE20100619_074549_000003102090_00264_43404_0040.N1 |      |     |             |          |          | IS4         | V/H | 90 | 43404 | 264 | 5.03 |
| ASA_APM_1PNPDE20100619_124857_000001462090_00267_43407_0118.N1 |      |     |             |          |          | IS4         | V/H | 90 | 43407 | 267 | 5.03 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_GM1_1PNPDE20100619_004242_000003682090_00260_43400_9839.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_005004_000000902090_00260_43400_9840.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_010438_000001932090_00260_43400_9843.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_010850_000003622090_00260_43400_9845.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_012153_000006832090_00260_43400_9848.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_014634_000006282090_00260_43400_9863.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_GM1_1PNPDE20100619_021555_000010942090_00261_43401_9865.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_023622_000001572090_00261_43401_9864.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_024140_000000782090_00261_43401_9866.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_030344_000005432090_00261_43401_9882.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_032128_000002592090_00261_43401_9892.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_032554_000000962090_00261_43401_9891.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_033052_000002232090_00261_43401_9888.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_GM1_1PNPDE20100619_033816_000000962090_00262_43402_9887.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_GM1_1PNPDE20100619_034736_000015652090_00262_43402_9886.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_GM1_1PNPDE20100619_041902_000001572090_00262_43402_9884.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_GM1_1PNPDE20100619_044303_000005252090_00262_43402_0007.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
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| ASA_GM1_1PNPDE20100619_052707_000003862090_00263_43403_0017.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
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| ASA_GM1_1PNPDE20100619_054954_000004592090_00263_43403_0015.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_GM1_1PNPDE20100619_055953_000000962090_00263_43403_0013.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
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| ASA_GM1_1PNPDK20100619_062341_000006282090_00263_43403_5159.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_GM1_1PNPDK20100619_063746_000001142090_00263_43403_5160.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_GM1_1PNPDK20100619_072043_000002232090_00264_43404_5162.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_GM1_1PNPDK20100619_072817_000003262090_00264_43404_5179.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
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| ASA_GM1_1PNPDK20100619_080416_000006282090_00264_43404_5183.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
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| ASA_GM1_1PNPDK20100619_085526_000006832090_00265_43405_5186.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43405 | 265 | 5.03 |
| ASA_GM1_1PNPDK20100619_091747_000005372090_00265_43405_5206.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43405 | 265 | 5.03 |
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| ASA_GM1_1PNPDK20100619_122353_000000902090_00267_43407_5231.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_125142_000003982090_00267_43407_5243.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_125830_000001022090_00267_43407_5244.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5257.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5248.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_130604_000005492090_00267_43407_5252.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5255.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5246.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_132033_000000902090_00267_43407_5250.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_132757_000004652090_00267_43407_5262.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_133640_000004162090_00267_43407_5261.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_GM1_1PNPDK20100619_135039_000005432090_00268_43408_5266.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_140212_000001442090_00268_43408_5265.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_140353_000004162090_00268_43408_5274.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
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| ASA_GM1_1PNPDK20100619_142628_000002892090_00268_43408_5276.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_143249_000000842090_00268_43408_5278.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_144642_000004712090_00268_43408_5280.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_145627_000001752090_00268_43408_5281.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_151720_000015412090_00268_43408_5283.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_GM1_1PNPDK20100619_154217_000001872090_00269_43409_5299.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_GM1_1PNPDK20100619_155056_000001932090_00269_43409_5300.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_GM1_1PNPDK20100619_160427_000000902090_00269_43409_5301.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_GM1_1PNPDK20100619_162716_000007552090_00269_43409_5303.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_GM1_1PNPDK20100619_170227_000003502090_00270_43410_5304.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_GM1_1PNPDK20100619_171055_000005192090_00270_43410_5308.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_GM1_1PNPDK20100619_172804_000000722090_00270_43410_5318.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_GM1_1PNPDK20100619_173011_000000902090_00270_43410_5319.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_GM1_1PNPDK20100619_173359_000004282090_00270_43410_5321.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |



|  |     |     |    |       |     |      |
|--|-----|-----|----|-------|-----|------|
| ASA_GM1_1PNPDK20100619_180752_000007852090_00270_43410_5323.N1 | SS1 | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_GM1_1PNPDK20100619_184459_000007852090_00271_43411_5325.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_185658_000002412090_00271_43411_5339.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_190600_000002352090_00271_43411_5340.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_191315_000001692090_00271_43411_5341.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_194826_000001572090_00271_43411_5344.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_201417_000001692090_00271_43411_5343.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDK20100619_201853_000007912090_00271_43411_5346.N1 | SS1 | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_GM1_1PNPDE20100619_204500_000003322090_00272_43412_0140.N1 | SS1 | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_GM1_1PNPDE20100619_205211_000002112090_00272_43412_0141.N1 | SS1 | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_GM1_1PNPDE20100619_212903_000001872090_00272_43412_0144.N1 | SS1 | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_GM1_1PNPDE20100619_220344_000004592090_00273_43413_0156.N1 | SS1 | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_GM1_1PNPDE20100619_221259_000000782090_00273_43413_0158.N1 | SS1 | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_GM1_1PNPDE20100619_222620_000002292090_00273_43413_0159.N1 | SS1 | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_GM1_1PNPDE20100619_223147_000002052090_00273_43413_0163.N1 | SS1 | H/H | 90 | 43413 | 273 | 5.03 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_IMM_1PNPDE20100619_003110_000002502090_00260_43400_9849.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_IMM_1PNPDE20100619_023419_000001142090_00261_43401_9858.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_IMM_1PNPDE20100619_033432_000000462090_00261_43401_0000.N1 |      |     |             |          |          | IS6         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_IMM_1PNPDE20100619_041342_000000992090_00262_43402_9878.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_IMM_1PNPDE20100619_041539_000000992090_00262_43402_9879.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_IMM_1PNPDE20100619_041735_000000772090_00262_43402_9880.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_IMM_1PNPDE20100619_052521_000000992090_00263_43403_0008.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_IMM_1PNPDE20100619_054904_000000372090_00263_43403_0002.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_IMM_1PNPDE20100619_055732_000001302090_00263_43403_0003.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_IMM_1PNPDE20100619_074225_000001132090_00264_43404_0038.N1 |      |     |             |          |          | IS4         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_IMM_1PNPDE20100619_105607_000000372090_00266_43406_0096.N1 |      |     |             |          |          | IS1         | V/V | 90 | 43406 | 266 | 5.03 |
| ASA_IMM_1PNPDE20100619_143119_000000792090_00268_43408_0120.N1 |      |     |             |          |          | IS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_IMM_1PNPDE20100619_170814_000001522090_00270_43410_0124.N1 |      |     |             |          |          | IS6         | V/V | 90 | 43410 | 270 | 5.03 |
| ASA_IMM_1PNPDE20100619_172919_000000392090_00270_43410_0130.N1 |      |     |             |          |          | IS3         | V/V | 90 | 43410 | 270 | 5.03 |
| ASA_IMM_1PNPDE20100619_174104_000000372090_00270_43410_0132.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43410 | 270 | 5.03 |
| ASA_IMM_1PNPDE20100619_174214_000000632090_00270_43410_0133.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43410 | 270 | 5.03 |
| ASA_IMM_1PNPDE20100619_195106_000003022090_00271_43411_0138.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_IMM_1PNPDE20100619_195656_000002332090_00271_43411_0135.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_IMM_1PNPDE20100619_213207_000002352090_00272_43412_0154.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_IMM_1PNPDE20100619_213651_000002802090_00272_43412_0151.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_IMM_1PNPDK20100619_221953_000000762090_00273_43413_5361.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43413 | 273 | 5.03 |
| ASA_IMM_1PNPDK20100619_222138_000002702090_00273_43413_5362.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_IMM_1PNPDE20100619_231043_000002322090_00273_43413_0173.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_IMM_1PNPDE20100619_231523_000003032090_00273_43413_0170.N1 |      |     |             |          |          | IS2         | H/H | 90 | 43413 | 273 | 5.03 |

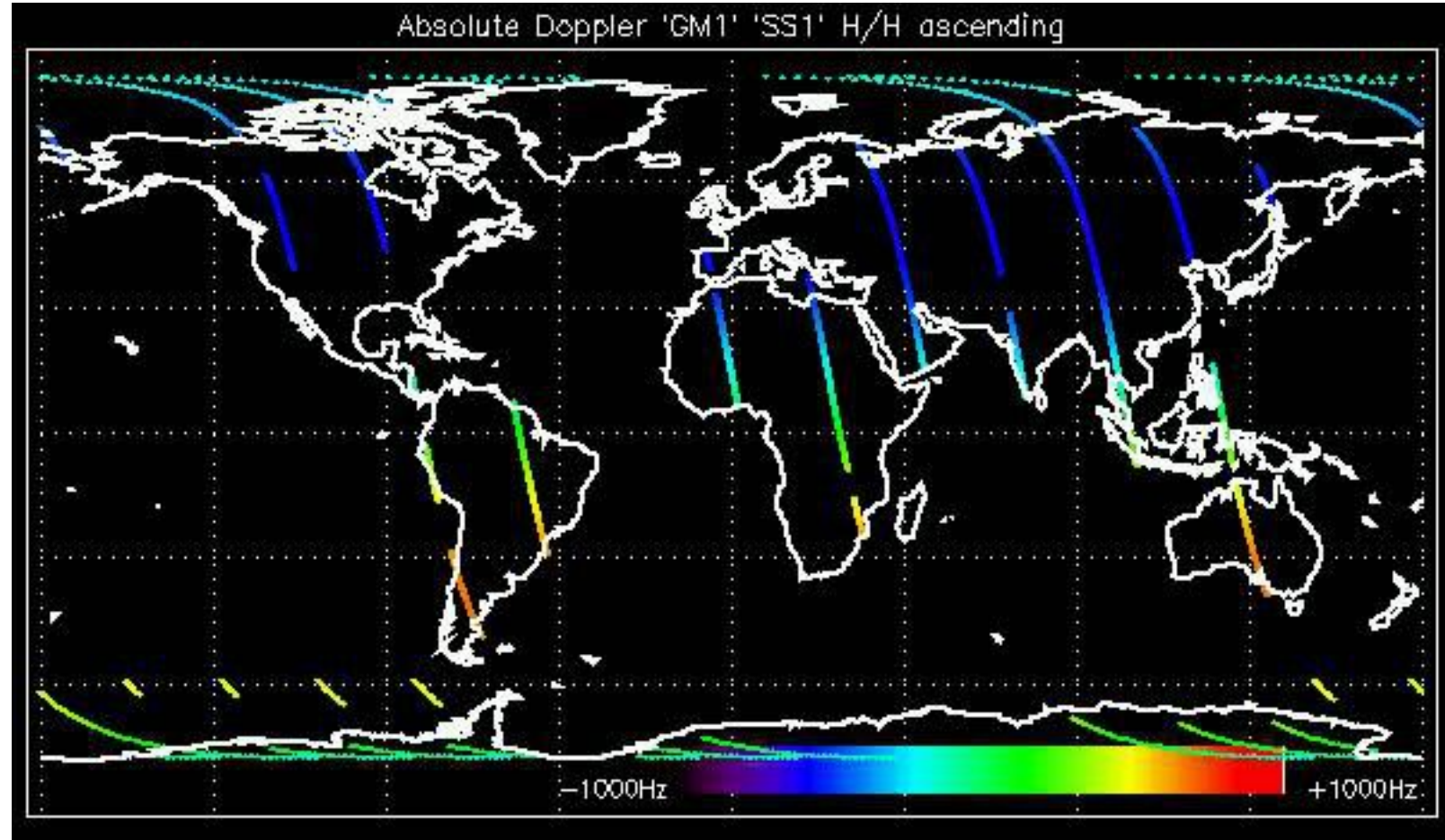
| Filename   | Pol | Timestamp           | count(Module) |
|--|-----|---------------------|---------------|
| ASA_MS__0PNPDE20100619_030227_000000162090_00261_43401_0552.N1 | H   | 2010-06-19 03:02:27 | 320           |

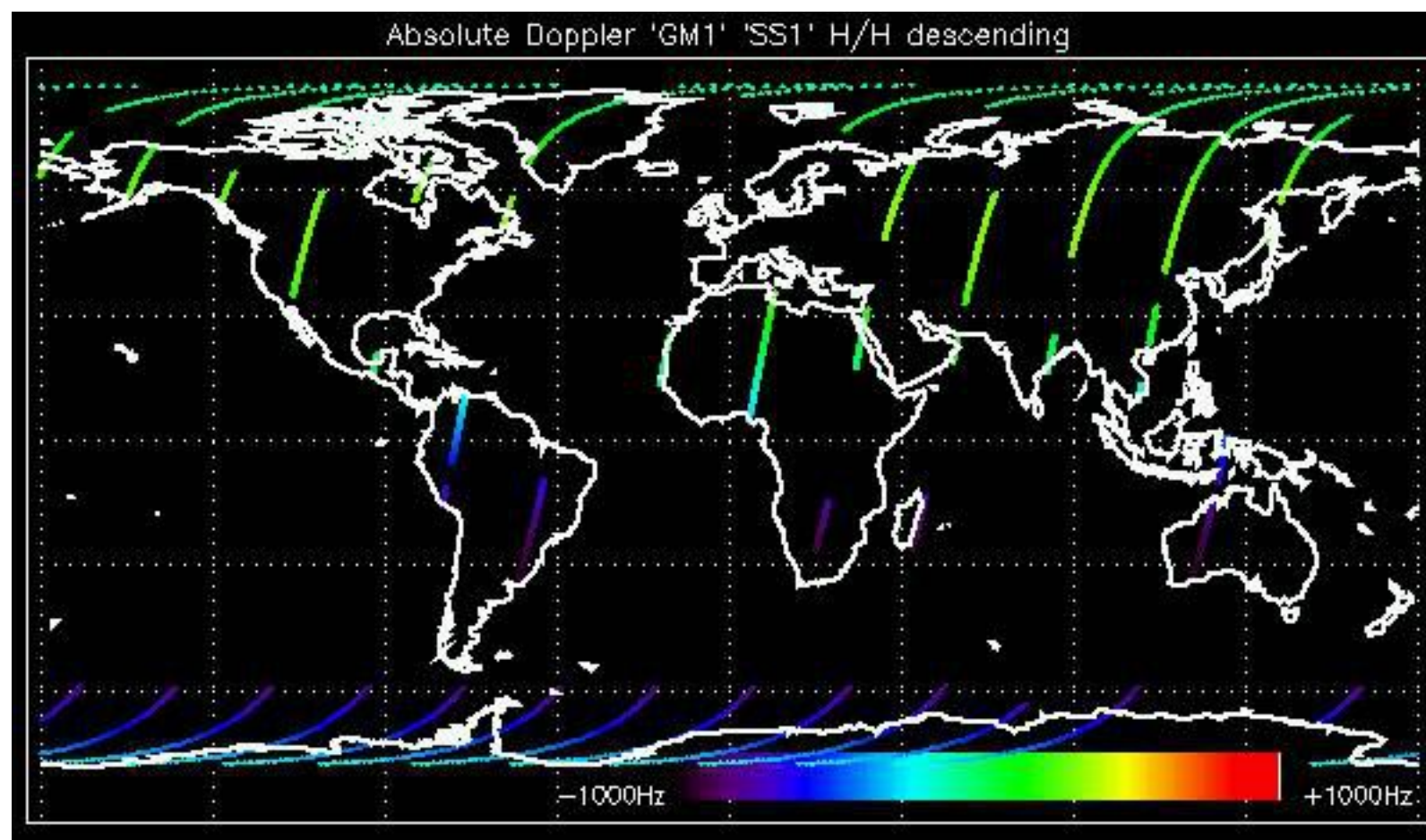


| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WSM_1PNPDE20100619_003557_000003982090_00260_43400_9856.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_WSM_1PNPDE20100619_013322_000002752090_00260_43400_9857.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43400 | 260 | 5.03 |
| ASA_WSM_1PNPDE20100619_020651_000003672090_00261_43401_9874.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WSM_1PNPDE20100619_021303_000001652090_00261_43401_9875.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_WSM_1PNPDE20100619_023907_000001472090_00261_43401_9859.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WSM_1PNPDE20100619_024537_000001772090_00261_43401_9860.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WSM_1PNPDE20100619_031251_000002942090_00261_43401_9900.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43401 | 261 | 5.03 |
| ASA_WSM_1PNPDE20100619_034029_000002632090_00262_43402_0052.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WSM_1PNPDE20100619_034554_000000982090_00262_43402_0055.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_WSM_1PNPDE20100619_045153_000002082090_00262_43402_0004.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_WSM_1PNPDE20100619_045539_000000862090_00262_43402_0005.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43402 | 262 | 5.03 |
| ASA_WSM_1PNPDE20100619_053337_000001592090_00263_43403_0026.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WSM_1PNPDE20100619_054247_000000982090_00263_43403_0001.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_WSM_1PNPDK20100619_054351_000002452090_00263_43403_5154.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_WSM_1PNPDK20100619_063424_000001842090_00263_43403_5170.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43403 | 263 | 5.03 |
| ASA_WSM_1PNPDK20100619_071409_000000982090_00264_43404_5171.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43404 | 264 | 5.03 |
| ASA_WSM_1PNPDK20100619_071601_000002752090_00264_43404_5172.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_WSM_1PNPDE20100619_072430_000002262090_00264_43404_0037.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_WSM_1PNPDE20100619_075500_000002082090_00264_43404_0041.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43404 | 264 | 5.03 |
| ASA_WSM_1PNPDK20100619_081502_000002392090_00264_43404_5194.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43404 | 264 | 5.03 |
| ASA_WSM_1PNPDE20100619_090653_000000922090_00265_43405_0063.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43405 | 265 | 5.03 |
| ASA_WSM_1PNPDK20100619_090653_000001102090_00265_43405_5193.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43405 | 265 | 5.03 |
| ASA_WSM_1PNPDE20100619_091133_000001712090_00265_43405_0067.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43405 | 265 | 5.03 |
| ASA_WSM_1PNPDE20100619_103452_000003672090_00266_43406_0098.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43406 | 266 | 5.03 |
| ASA_WSM_1PNPDK20100619_104207_000001282090_00266_43406_5209.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43406 | 266 | 5.03 |
| ASA_WSM_1PNPDK20100619_104452_000003612090_00266_43406_5218.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43406 | 266 | 5.03 |
| ASA_WSM_1PNPDE20100619_121638_000002942090_00267_43407_0117.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_WSM_1PNPDK20100619_122059_000001652090_00267_43407_5230.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_WSM_1PNPDK20100619_122533_000004222090_00267_43407_5240.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_WSM_1PNPDK20100619_131521_000003062090_00267_43407_5264.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43407 | 267 | 5.03 |
| ASA_WSM_1PNPDK20100619_135950_000001412090_00268_43408_5259.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_WSM_1PNPDE20100619_141055_000001282090_00268_43408_0119.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_WSM_1PNPDE20100619_145436_000001102090_00268_43408_0121.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_WSM_1PNPDE20100619_145930_000001282090_00268_43408_0122.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43408 | 268 | 5.03 |
| ASA_WSM_1PNPDK20100619_154530_000002142090_00269_43409_5292.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDE20100619_154747_000001842090_00269_43409_0125.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDE20100619_155417_000002262090_00269_43409_0126.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDE20100619_155902_000000982090_00269_43409_0127.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDE20100619_160104_000001472090_00269_43409_0128.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDE20100619_163957_000001652090_00269_43409_0123.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43409 | 269 | 5.03 |
| ASA_WSM_1PNPDK20100619_171941_000002692090_00270_43410_5313.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_WSM_1PNPDK20100619_172426_000002142090_00270_43410_5314.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_WSM_1PNPDE20100619_173153_000001222090_00270_43410_0131.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_WSM_1PNPDE20100619_182100_000001162090_00270_43410_0129.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43410 | 270 | 5.03 |
| ASA_WSM_1PNPDK20100619_190107_000002082090_00271_43411_5333.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_WSM_1PNPDE20100619_190319_000001532090_00271_43411_0134.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_WSM_1PNPDE20100619_191001_000001842090_00271_43411_0137.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_WSM_1PNPDE20100619_200059_000001532090_00271_43411_0136.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43411 | 271 | 5.03 |
| ASA_WSM_1PNPDE20100619_201711_000000982090_00271_43411_0139.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43411 | 271 | 5.03 |
| ASA_WSM_1PNPDK20100619_203647_000004832090_00272_43412_5355.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_WSM_1PNPDE20100619_205038_000000862090_00272_43412_0153.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_WSM_1PNPDE20100619_214140_000002392090_00272_43412_0152.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43412 | 272 | 5.03 |
| ASA_WSM_1PNPDE20100619_221508_000000862090_00273_43413_0155.N1 |      |     |             |          |          | SS1         | V/V | 90 | 43413 | 273 | 5.03 |
| ASA_WSM_1PNPDE20100619_223014_000000862090_00273_43413_0172.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_WSM_1PNPDE20100619_232119_000002882090_00273_43413_0171.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43413 | 273 | 5.03 |
| ASA_WSM_1PNPDE20100619_235913_000001282090_00274_43414_0174.N1 |      |     |             |          |          | SS1         | H/H | 90 | 43414 | 274 | 5.03 |

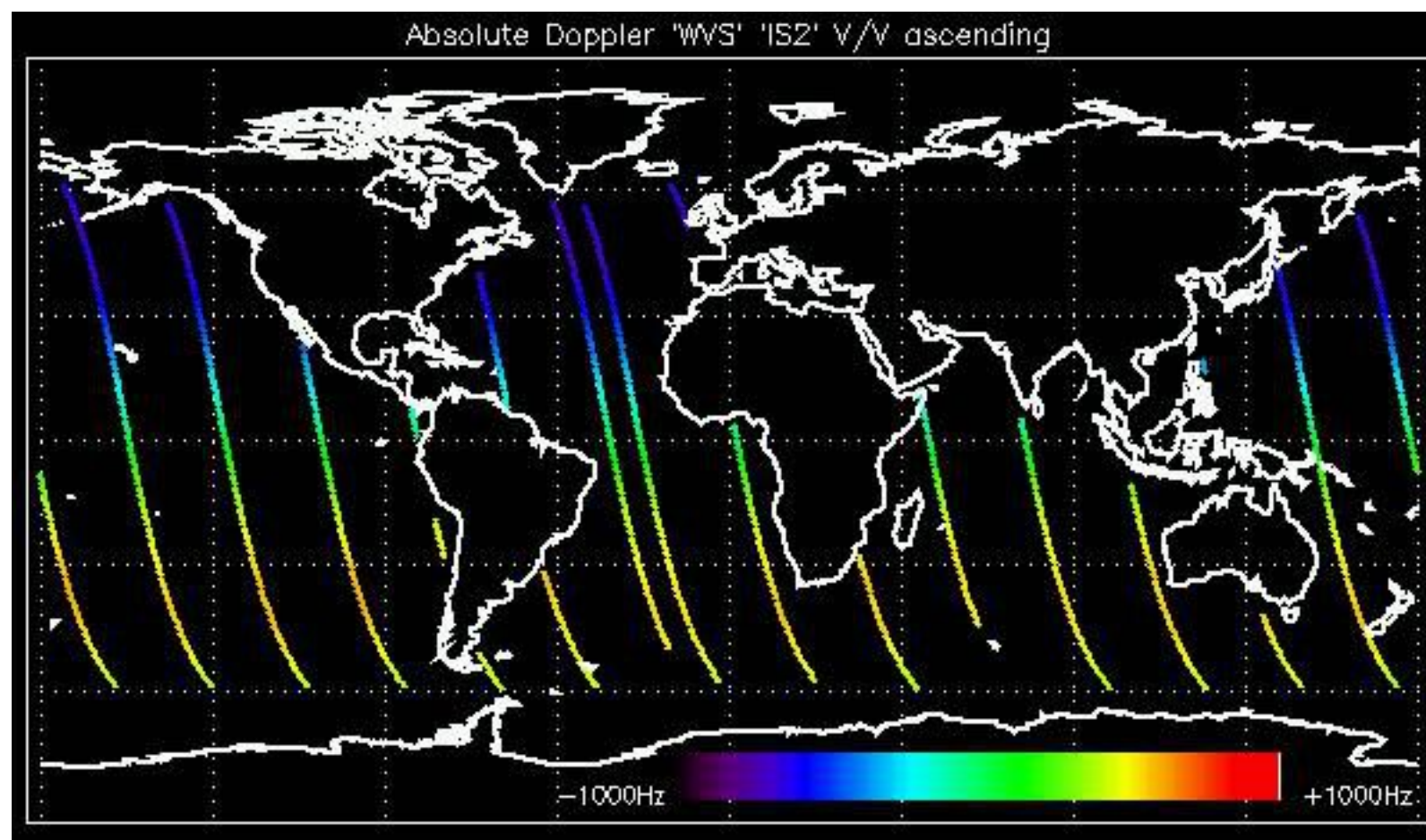


| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WVS_1PNPDE20100618_235754_000003602090_00259_43399_9828.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43399 | 259 | 5.03 |
| ASA_WVS_1PNPDE20100619_000309_000016342090_00259_43399_9841.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43399 | 259 | 5.03 |
| ASA_WVS_1PNPDE20100619_005142_000007352090_00260_43400_9844.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43400 | 260 | 5.03 |
| ASA_WVS_1PNPDE20100619_011454_000003752090_00260_43400_9846.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43400 | 260 | 5.03 |
| ASA_WVS_1PNPDE20100619_013756_000002692090_00260_43400_9847.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43400 | 260 | 5.03 |
| ASA_WVS_1PNPDE20100619_014141_000002552090_00260_43400_9861.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43400 | 260 | 5.03 |
| ASA_WVS_1PNPDE20100619_013756_000002692090_00260_43400_9847.N1 |      |     |             |          |          | IS1         | V/V | 90 | 43400 | 260 | 5.03 |
| ASA_WVS_1PNPDE20100619_015709_000005392090_00261_43401_9862.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WVS_1PNPDE20100619_024836_000003742090_00261_43401_9867.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WVS_1PNPDE20100619_025436_000004352090_00261_43401_9881.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WVS_1PNPDE20100619_031824_000001502090_00261_43401_9890.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WVS_1PNPDE20100619_032737_000001492090_00261_43401_9889.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43401 | 261 | 5.03 |
| ASA_WVS_1PNPDE20100619_033546_000001042090_00262_43402_9885.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WVS_1PNPDE20100619_042143_000009442090_00262_43402_9883.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WVS_1PNPDE20100619_043658_000003152090_00262_43402_0006.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WVS_1PNPDE20100619_042143_000009442090_00262_43402_9883.N1 |      |     |             |          |          | IS1         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WVS_1PNPDE20100619_045909_000013942090_00262_43402_0014.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43402 | 262 | 5.03 |
| ASA_WVS_1PNPDE20100619_060133_000004792090_00263_43403_0012.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WVS_1PNPDE20100619_061407_000002252090_00263_43403_0010.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WVS_1PNPDK20100619_061722_000003302090_00263_43403_5158.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WVS_1PNPDE20100619_061407_000002252090_00263_43403_0010.N1 |      |     |             |          |          | IS1         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WVS_1PNPDK20100619_063945_000019792090_00263_43403_5161.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43403 | 263 | 5.03 |
| ASA_WVS_1PNPDK20100619_075829_000003002090_00264_43404_5182.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43404 | 264 | 5.03 |
| ASA_WVS_1PNPDK20100619_082021_000020542090_00264_43404_5185.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43404 | 264 | 5.03 |
| ASA_WVS_1PNPDK20100619_092644_000010492090_00265_43405_5207.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43405 | 265 | 5.03 |
| ASA_WVS_1PNPDK20100619_100057_000019192090_00265_43405_5208.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43405 | 265 | 5.03 |
| ASA_WVS_1PNPDK20100619_105246_000001652090_00266_43406_5224.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43406 | 266 | 5.03 |
| ASA_WVS_1PNPDK20100619_105650_000001342090_00266_43406_5225.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43406 | 266 | 5.03 |
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| ASA_WVS_1PNPDK20100619_160606_000012292090_00269_43409_5302.N1 |      |     |             |          |          | IS2         | V/V | 90 | 43409 | 269 | 5.03 |
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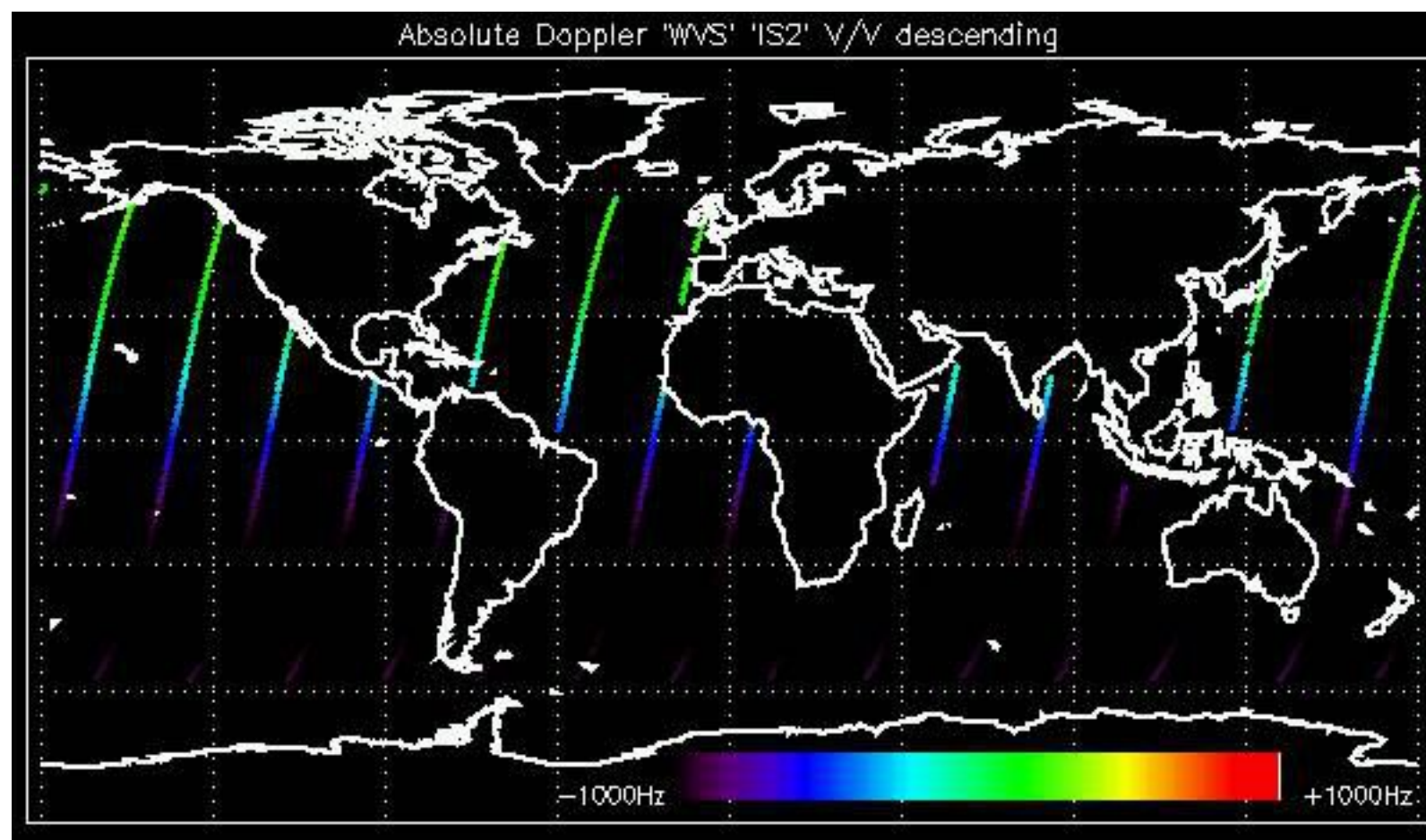


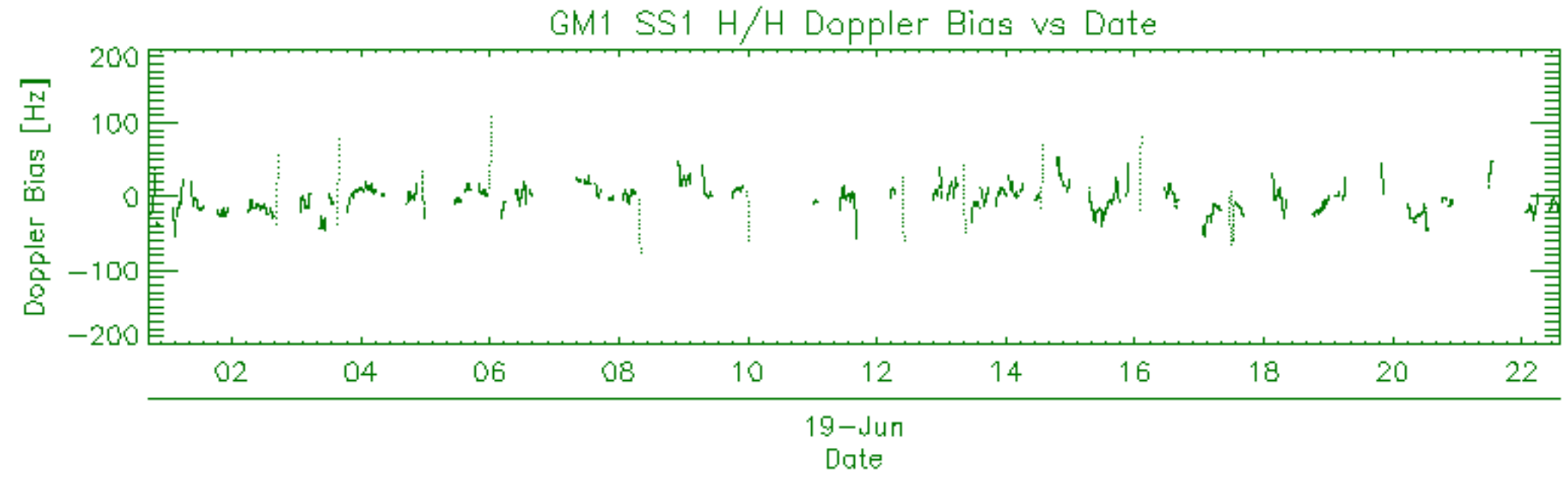
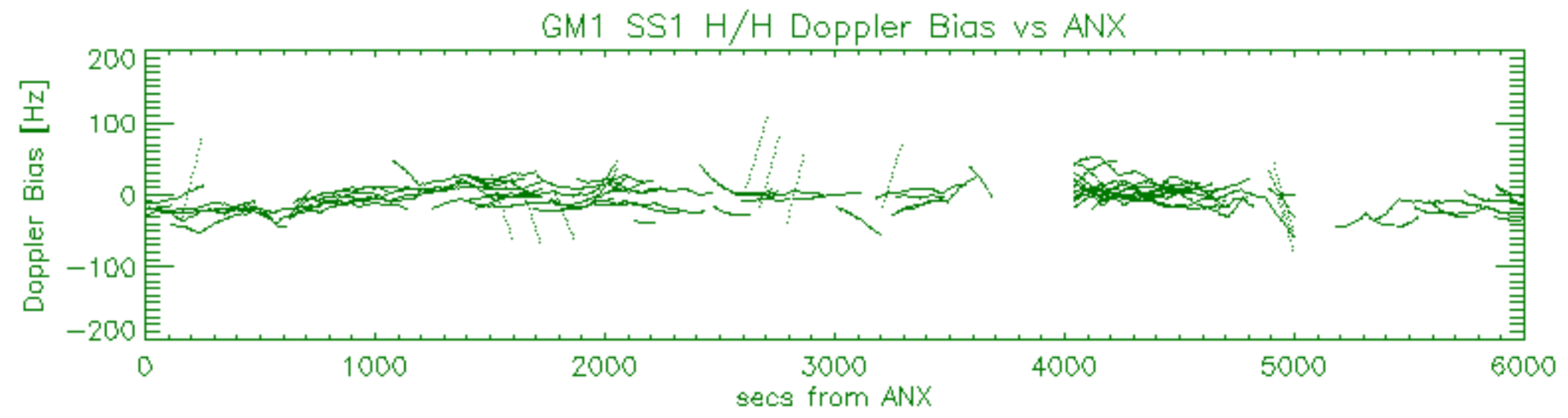
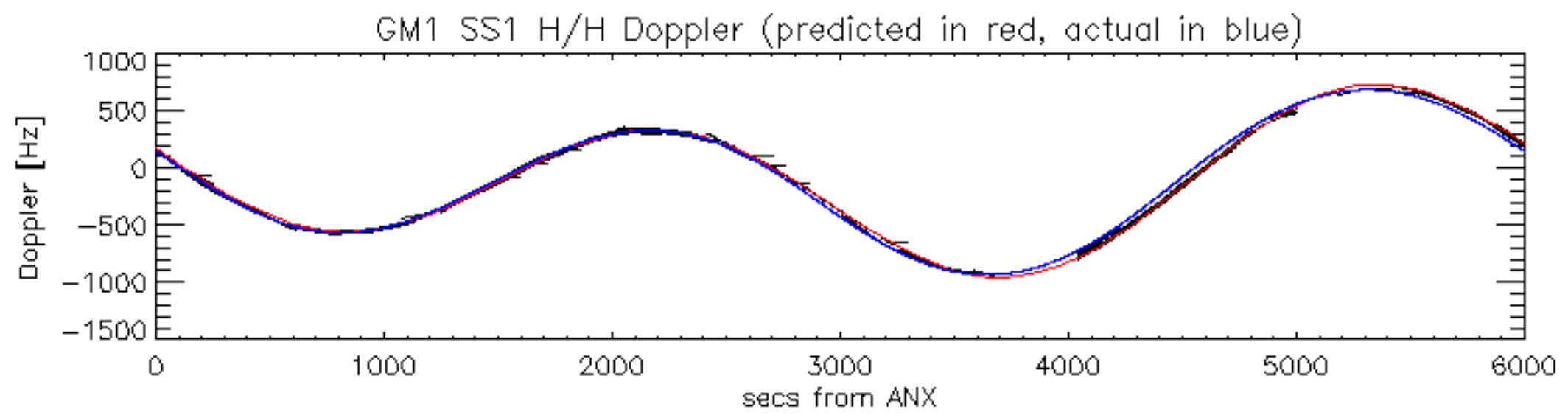


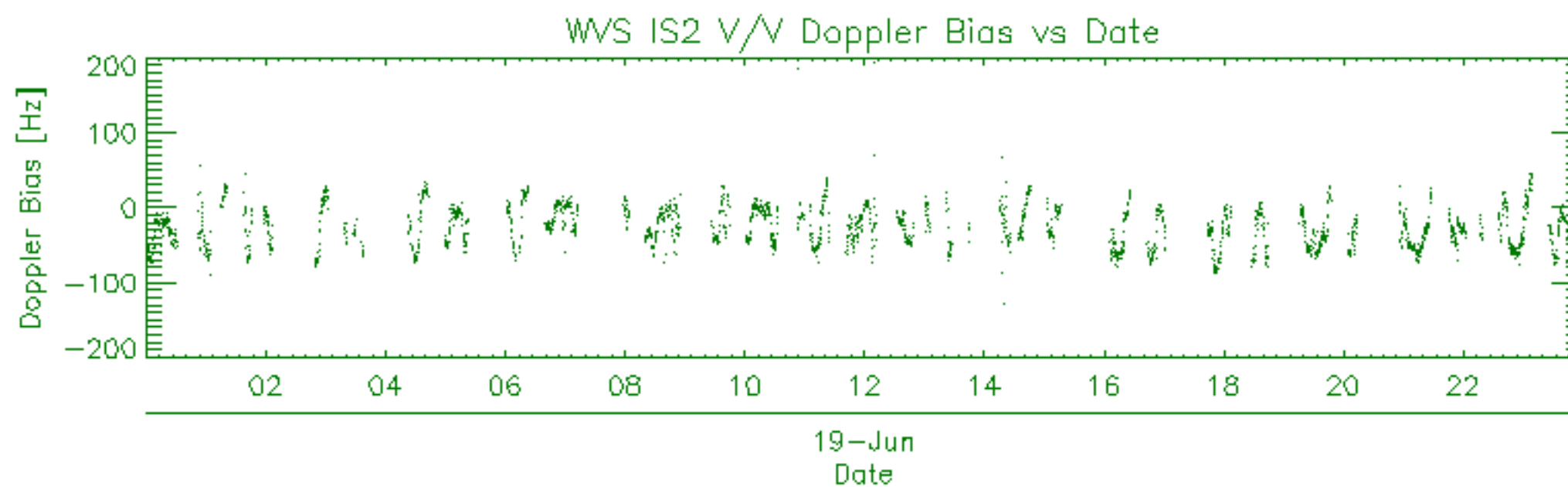
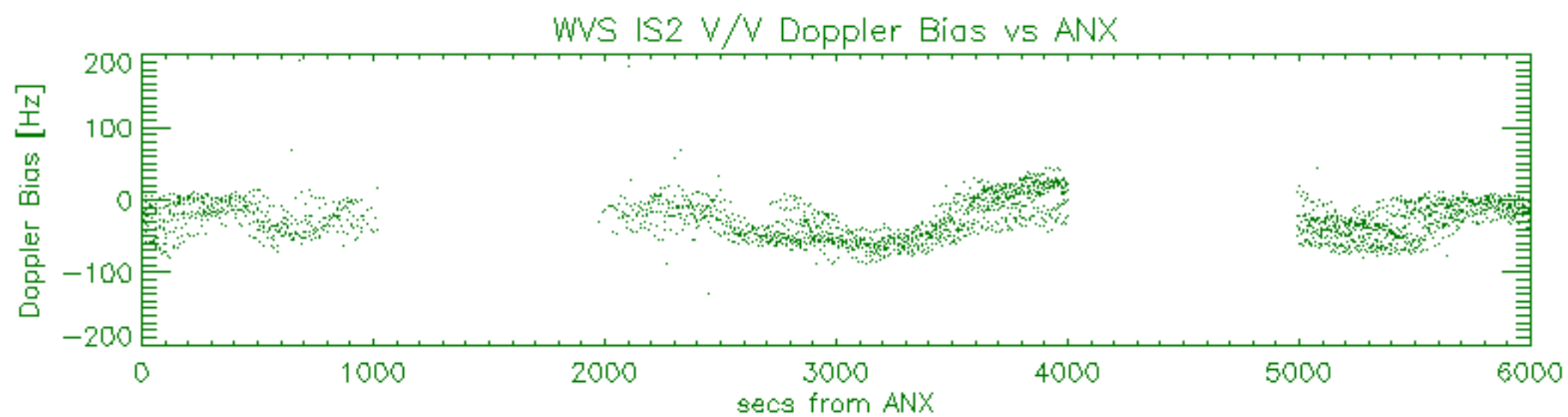
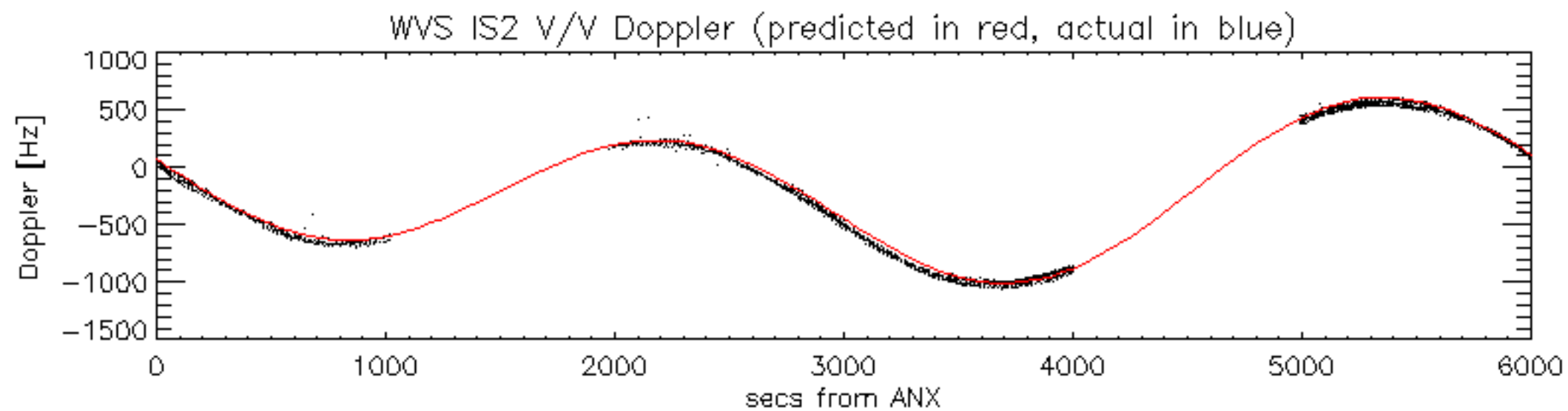


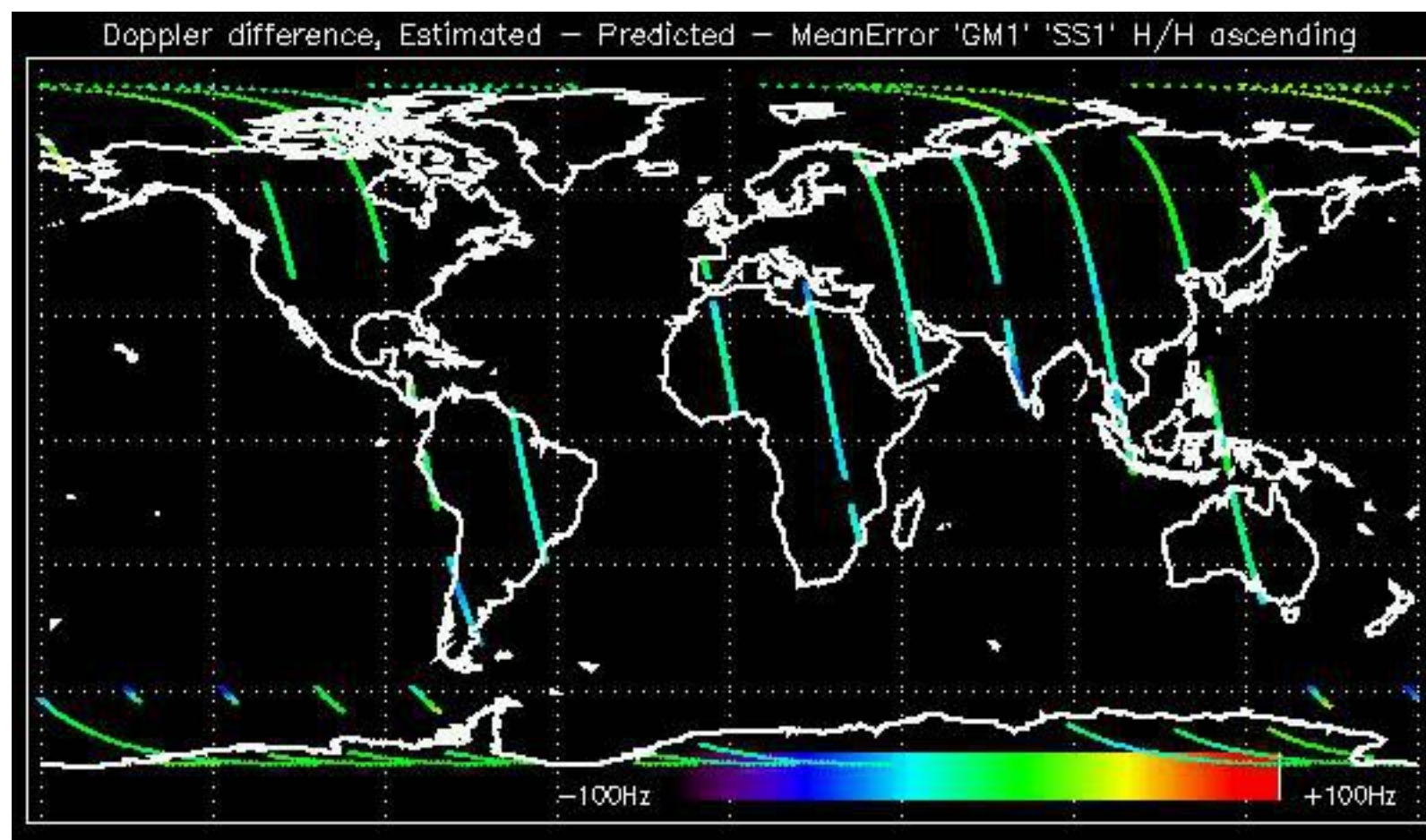




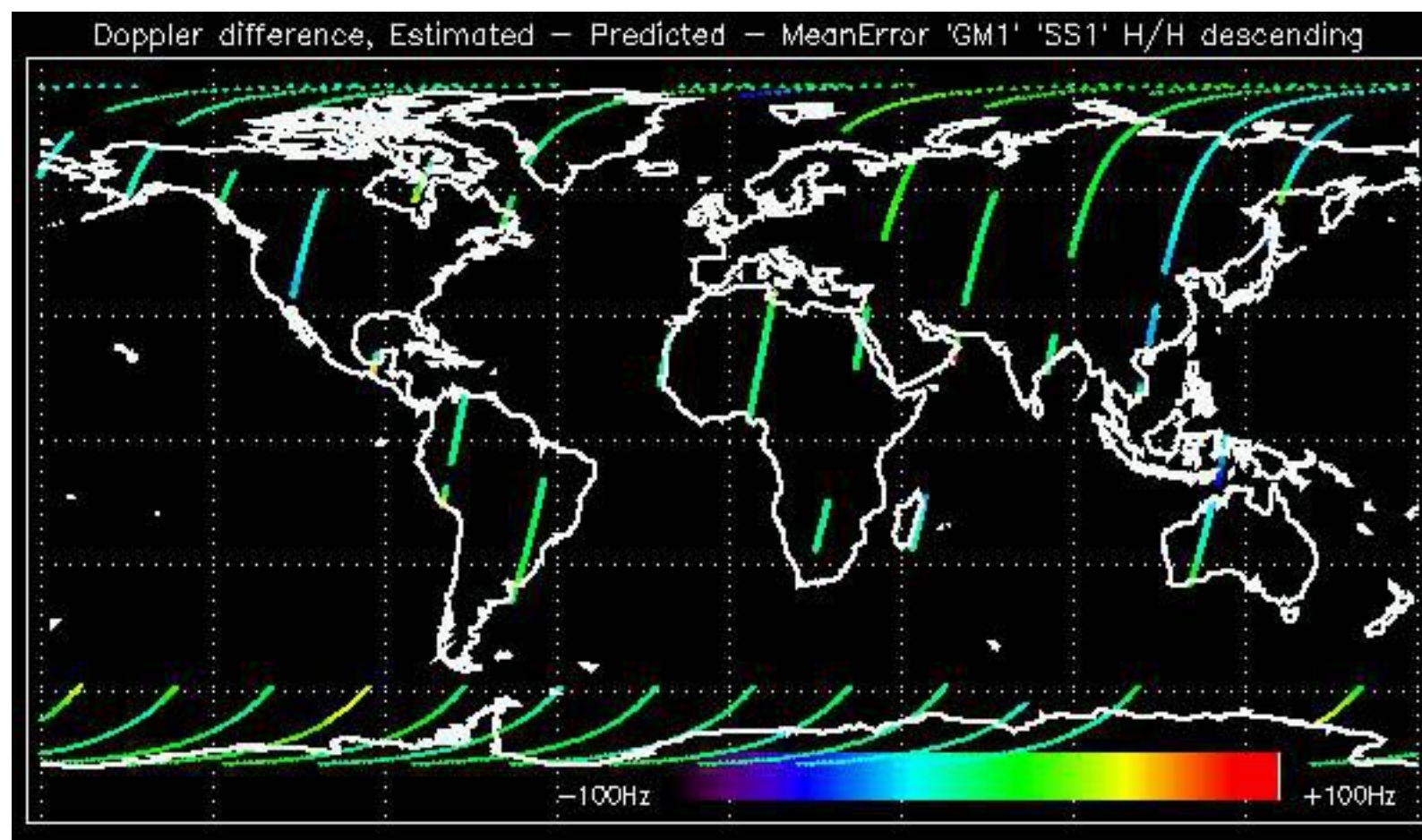


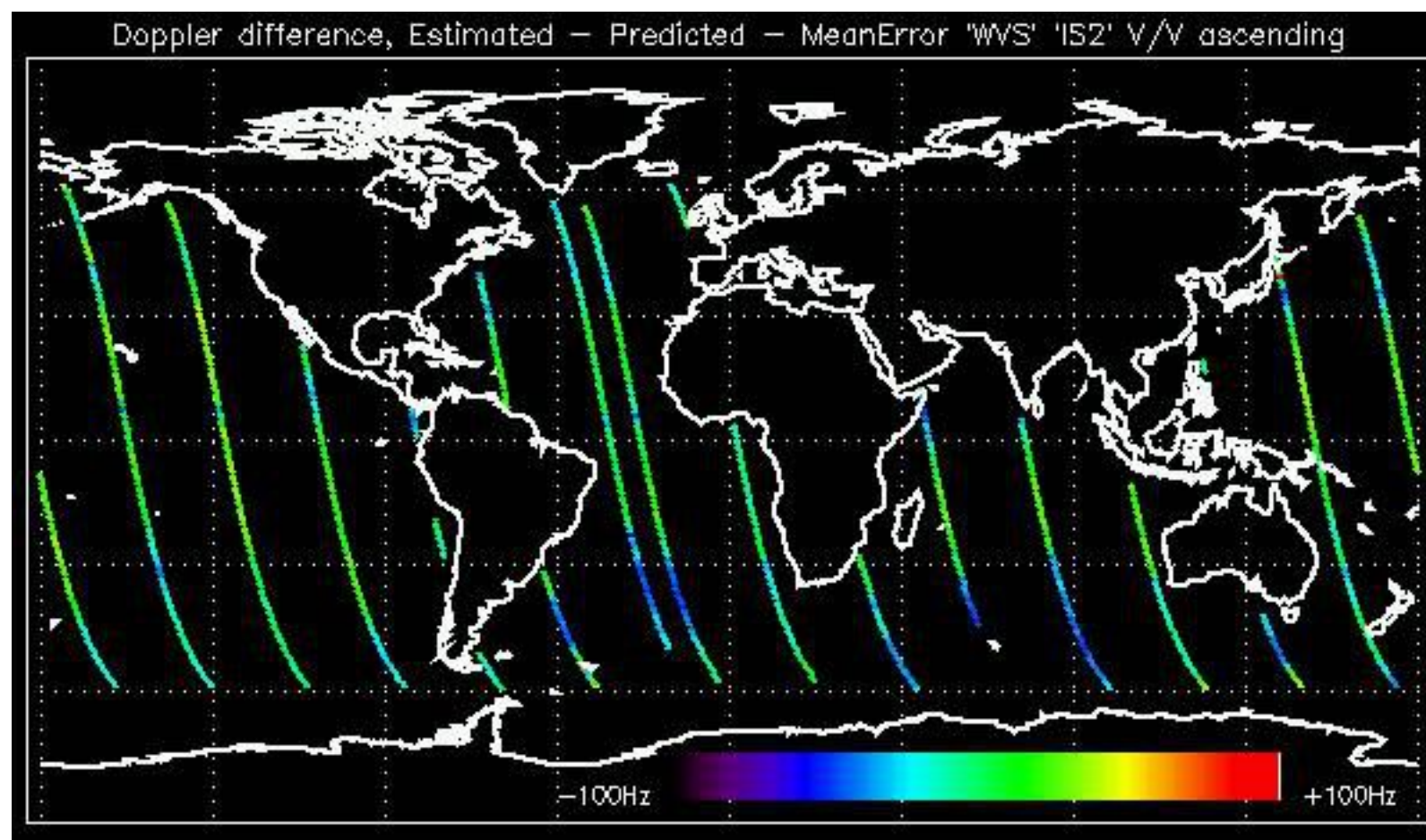


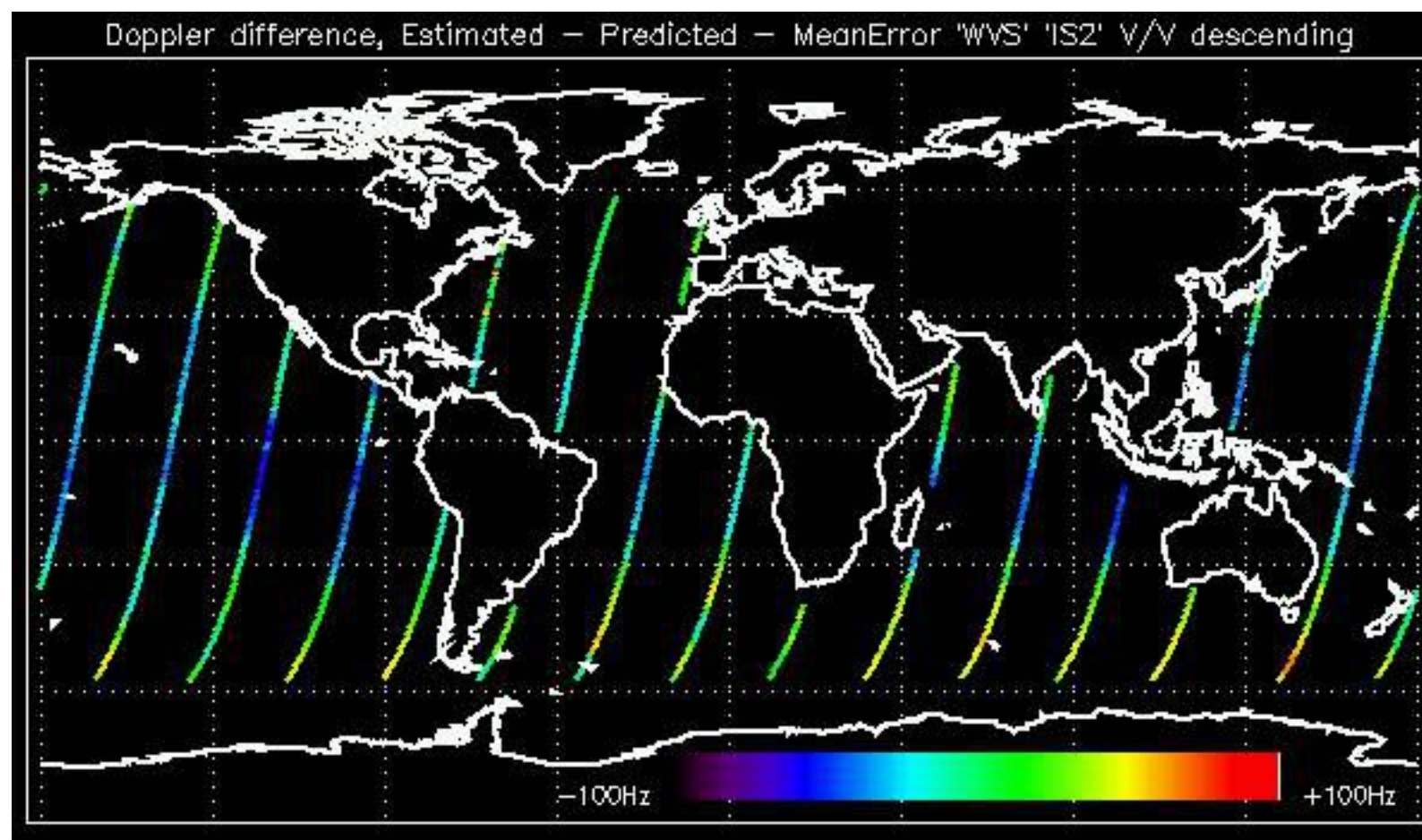




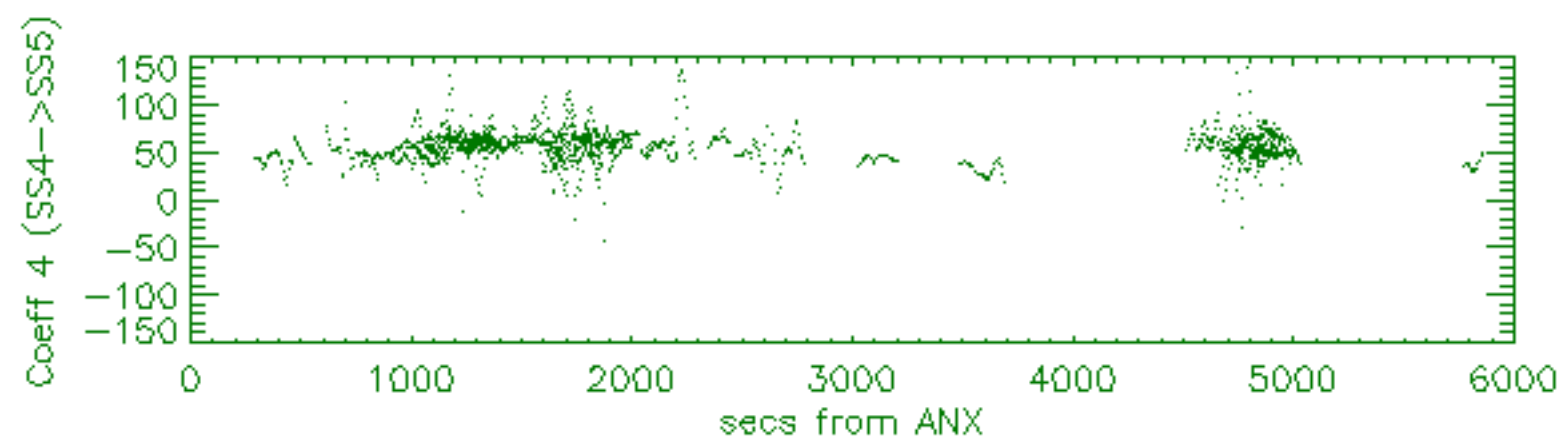
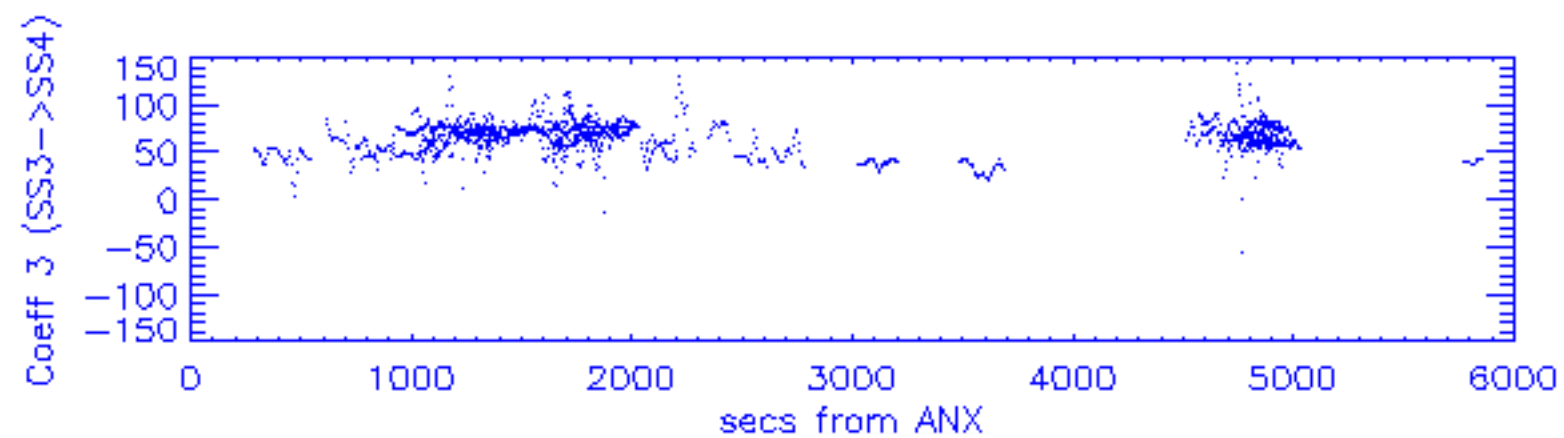
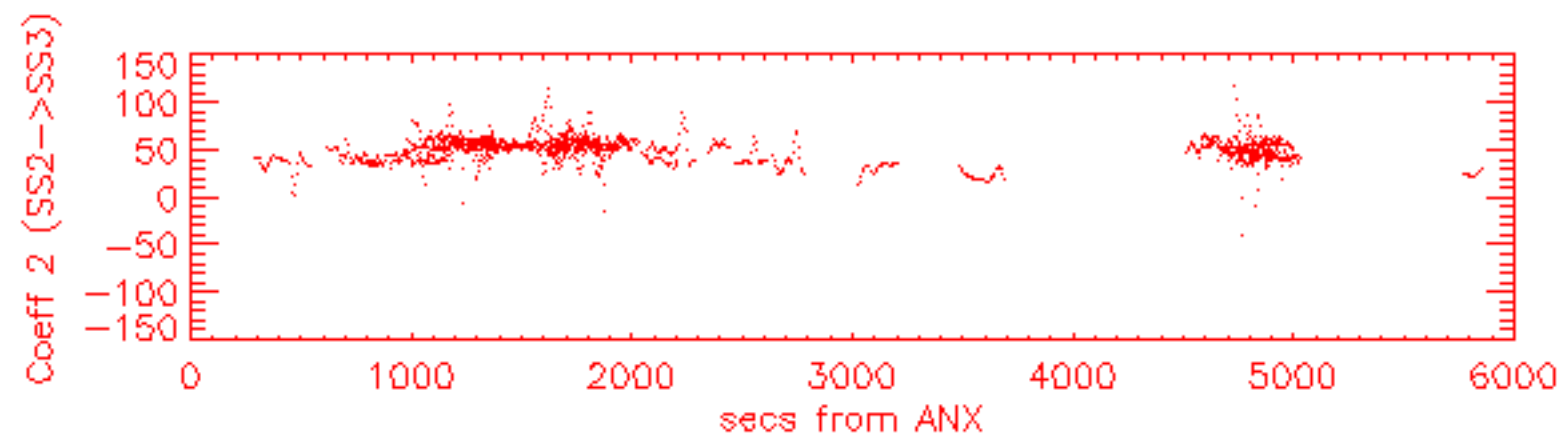
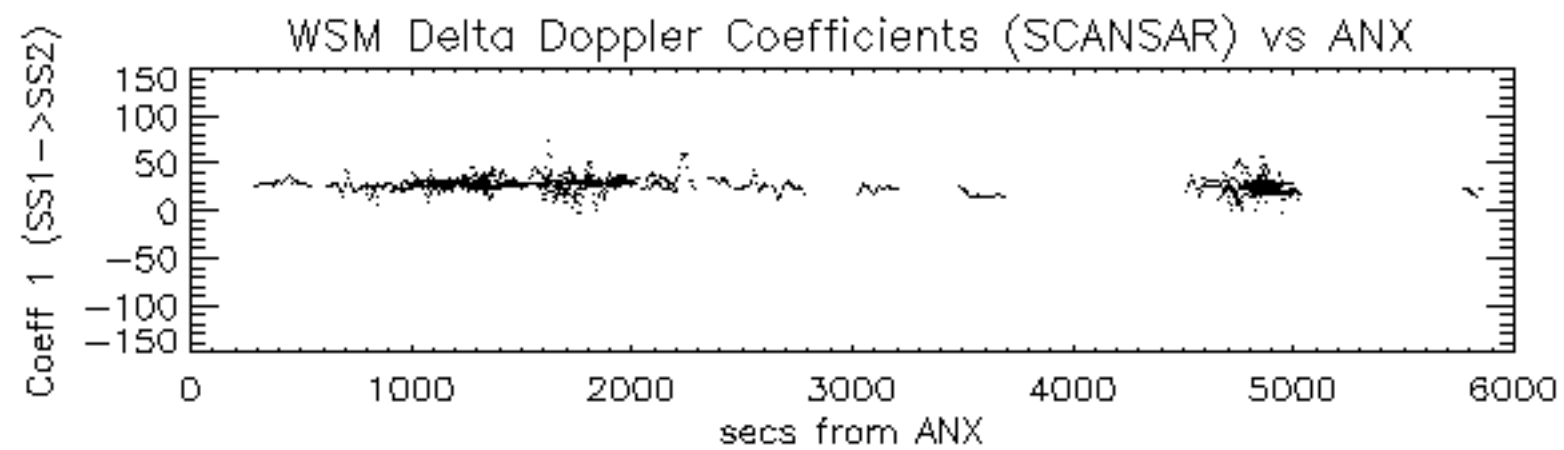




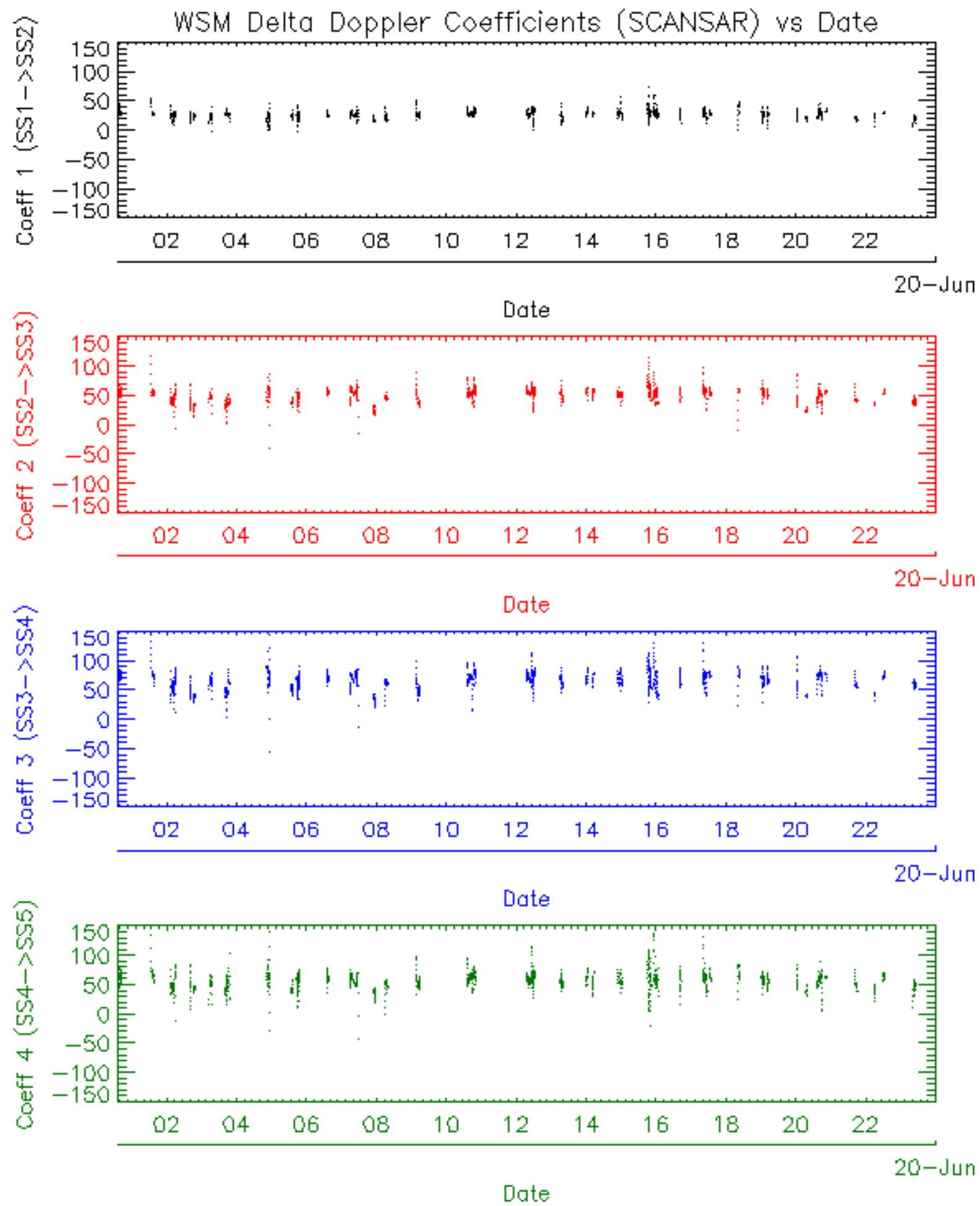






















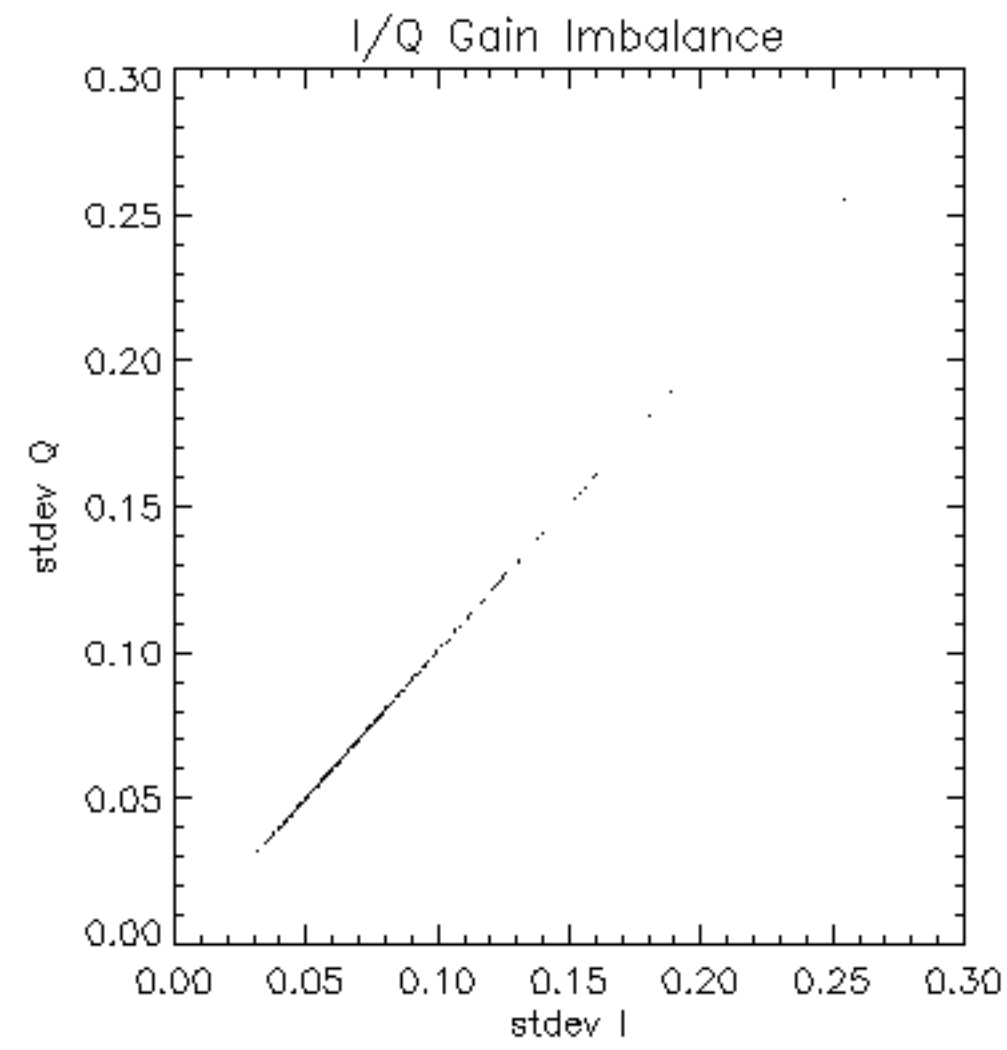


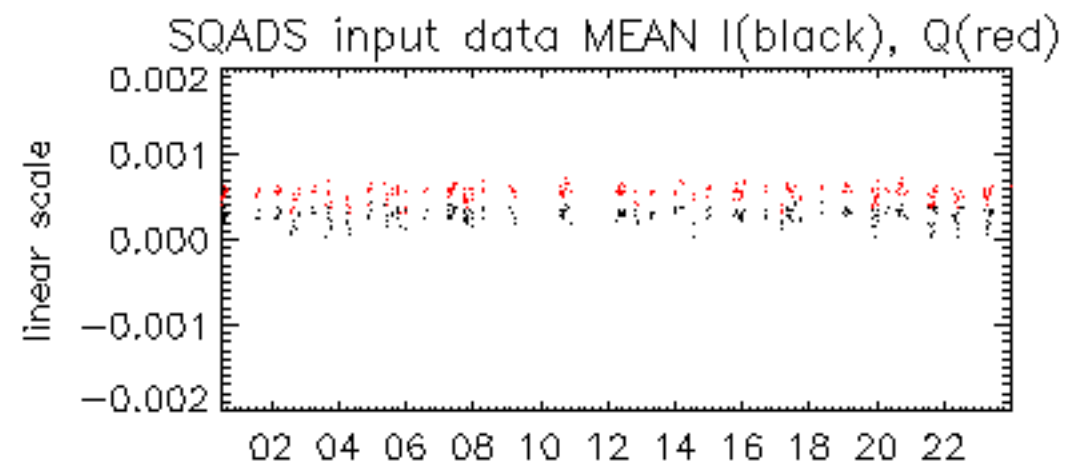




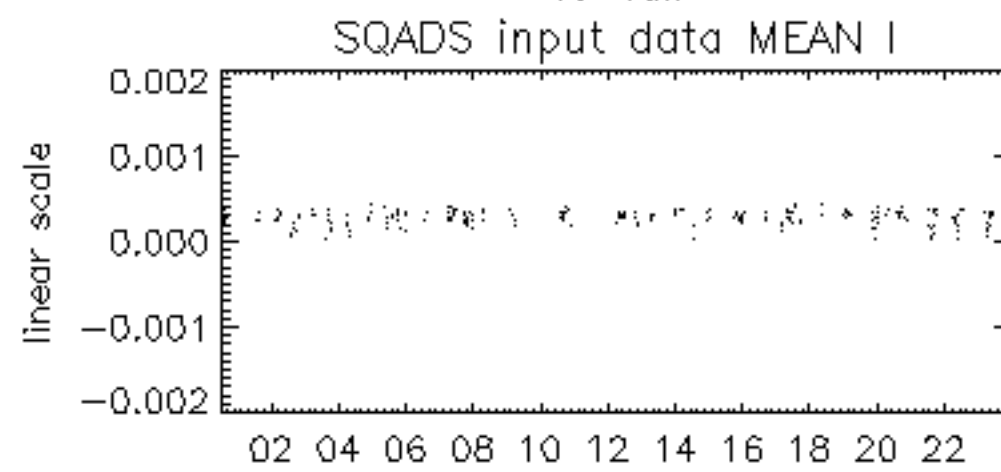




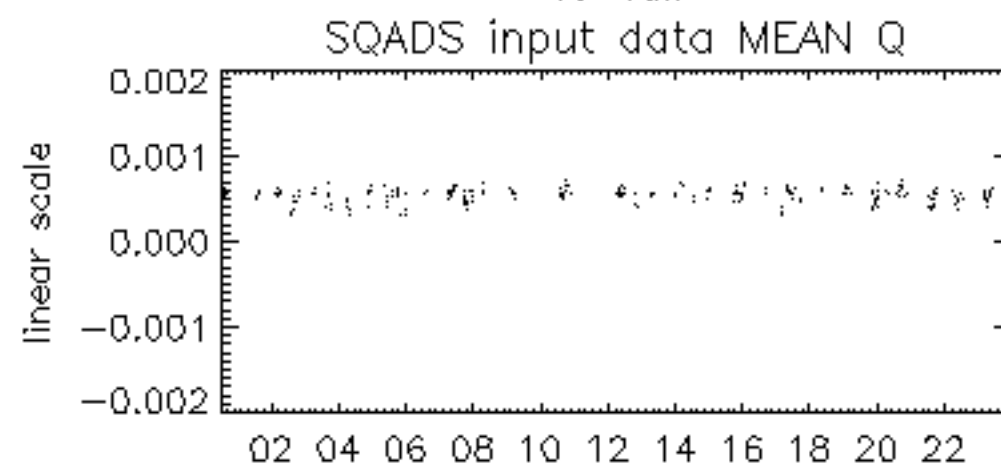




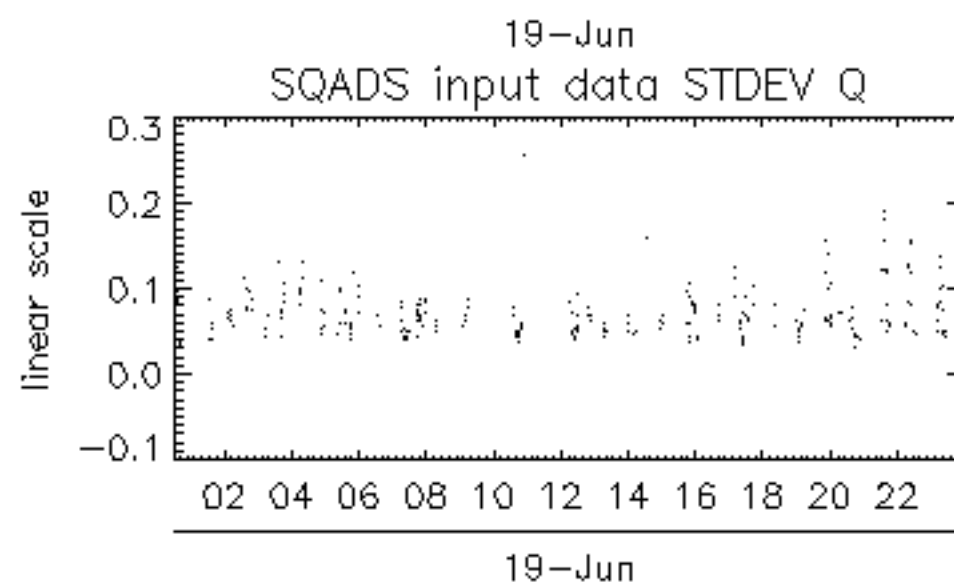
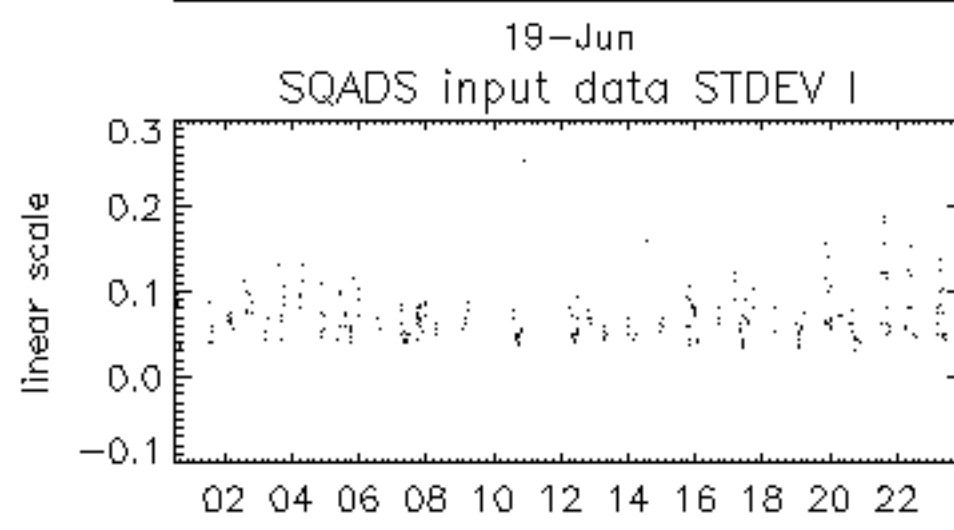
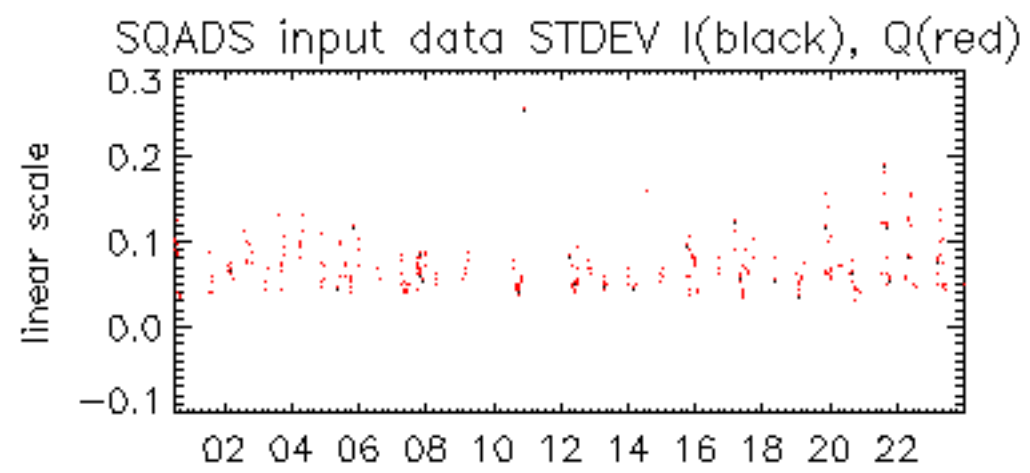
19-Jun

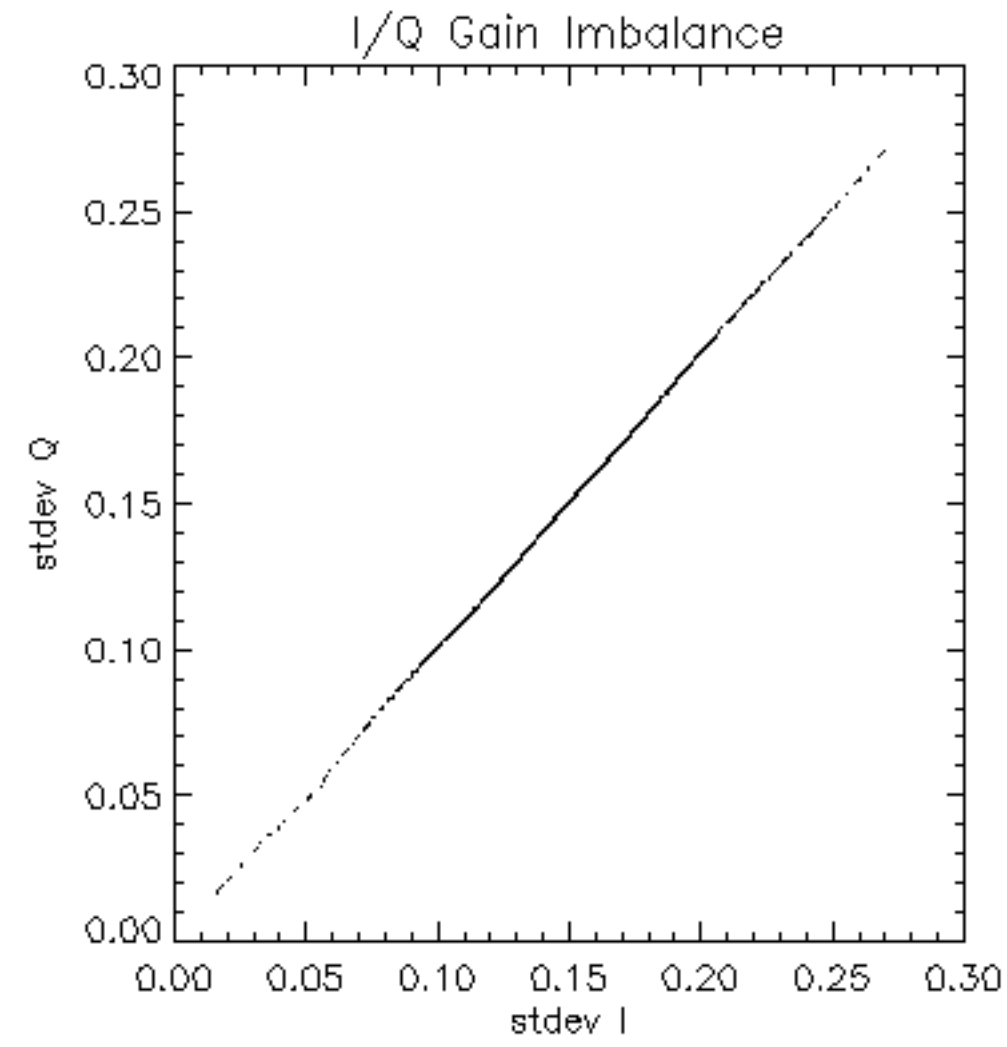


19-Jun

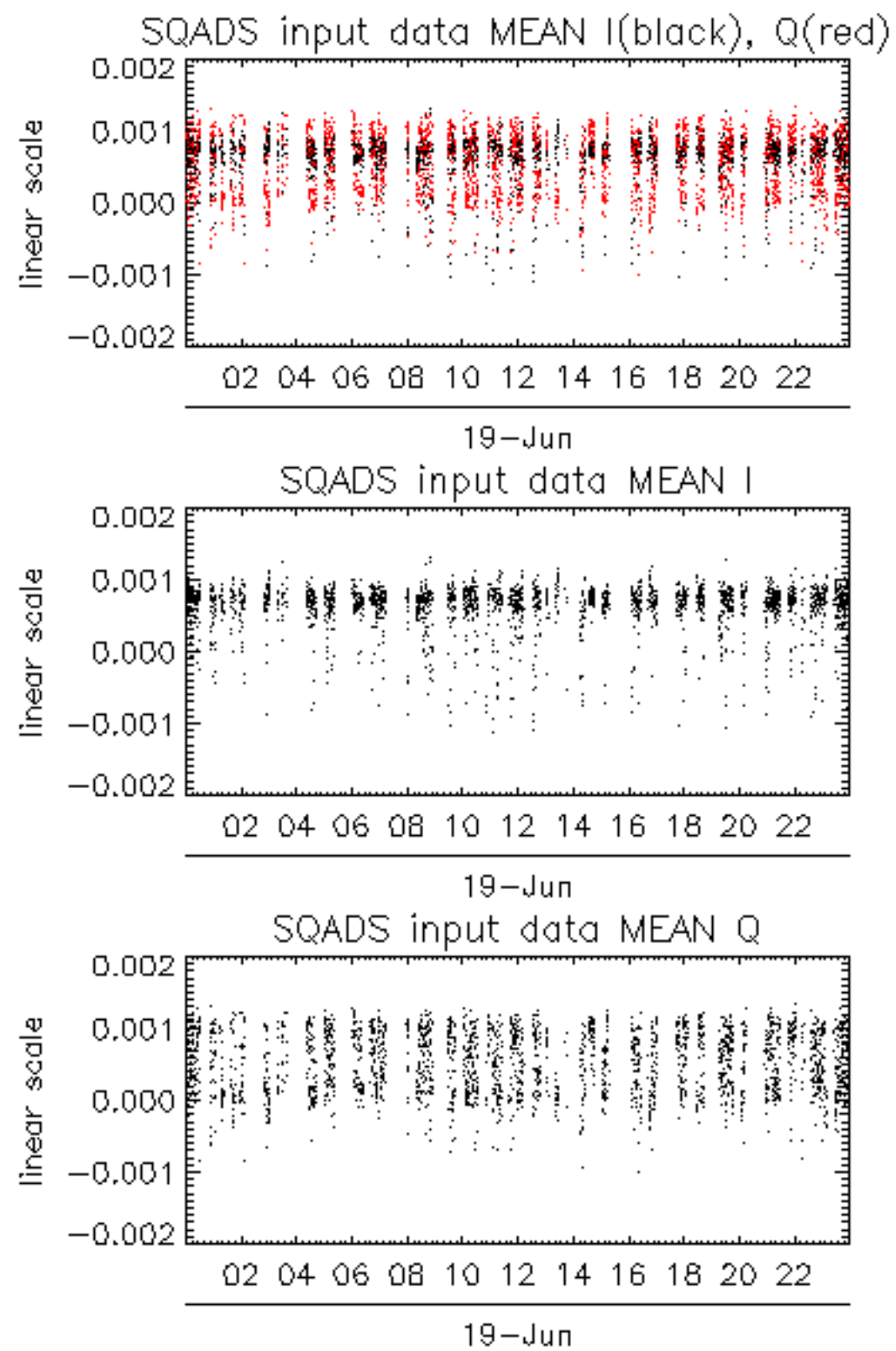


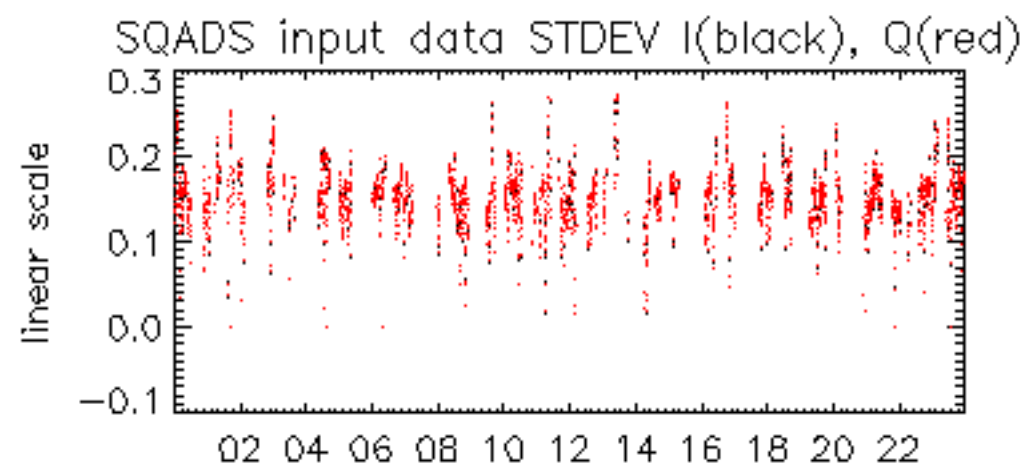
19-Jun



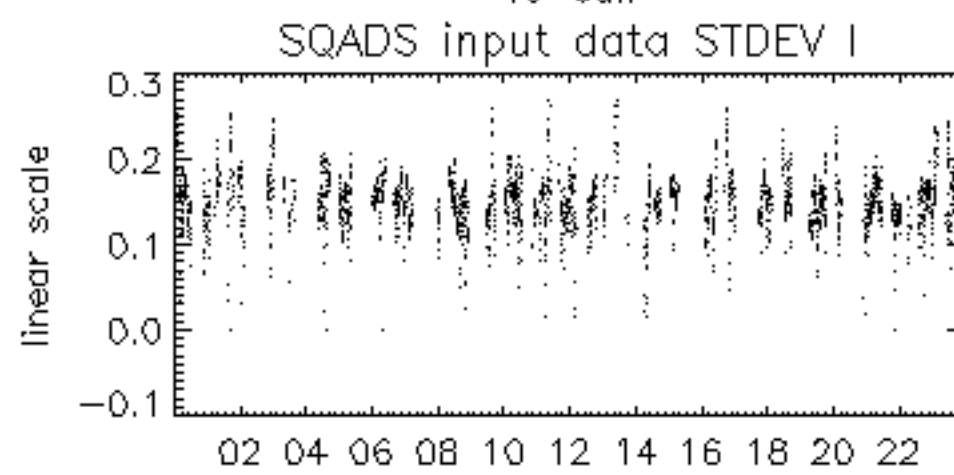




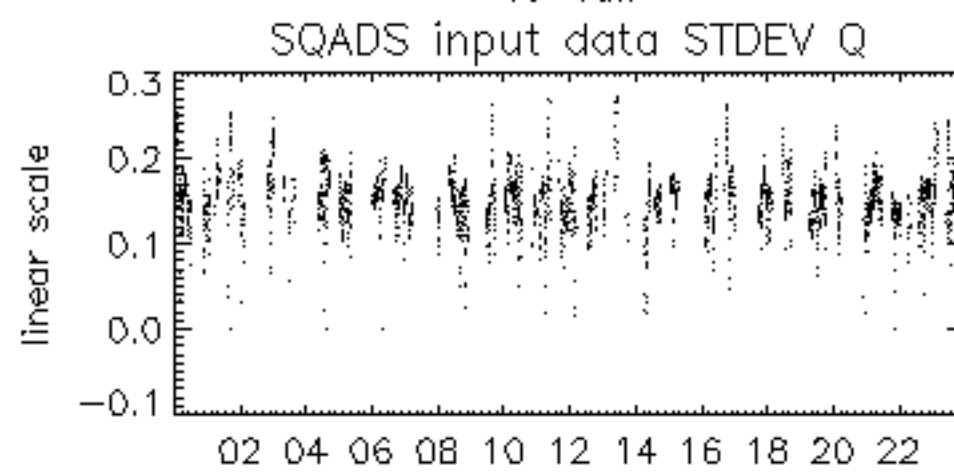




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