



# ASAR Daily Report



Analysis from 20-MAR-2009 00:00:00 to 20-MAR-2009 23:59:59. Page generated on 21-MAR-2009 07:41:56.  
View log file: ASAR\_Daily\_Report\_20090321\_0730.log. For any anomalies please contact [mtranfaglia@serco.it](mailto:mtranfaglia@serco.it), [Emma.Griffiths@vega.co.uk](mailto:Emma.Griffiths@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 | 1  | PDE    | WS   | H/H | 30 | PDE    | IS6  | H/H | 1 | PDE    | IS1  | H/H | 1  | PDE    | WS   | H/H | 51 | PDE    | 2009-03-20 03:34:11 | V   | 320     |
| PDE    | IS2  | V/V | 26 | PDK    | WS   | H/H | 41 | PDE    | IS7  | H/H | 1 | PDE    | IS1  | V/V | 3  | PDE    | WS   | V/V | 17 |        |                     |     |         |
| PDK    | IS2  | V/V | 28 |        |      |     |    | PDK    | IS1  | H/H | 1 | PDE    | IS2  | V/V | 13 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS4  | H/H | 2  |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 1  |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS2  | V/V | 3  |        |      |     |    |        |                     |     |         |

## 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_AXVIEC20081215_141339_20070204_165113_20091231_000000 |
| ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000 |
| ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000 |
| ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959 |

### 2.2 - Products with wrong ADFs

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

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

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

PREVIOUS PRODUCT REFERENCE

After antenna maintenance (2005-09-22/23)

Previous product in the same polarisation

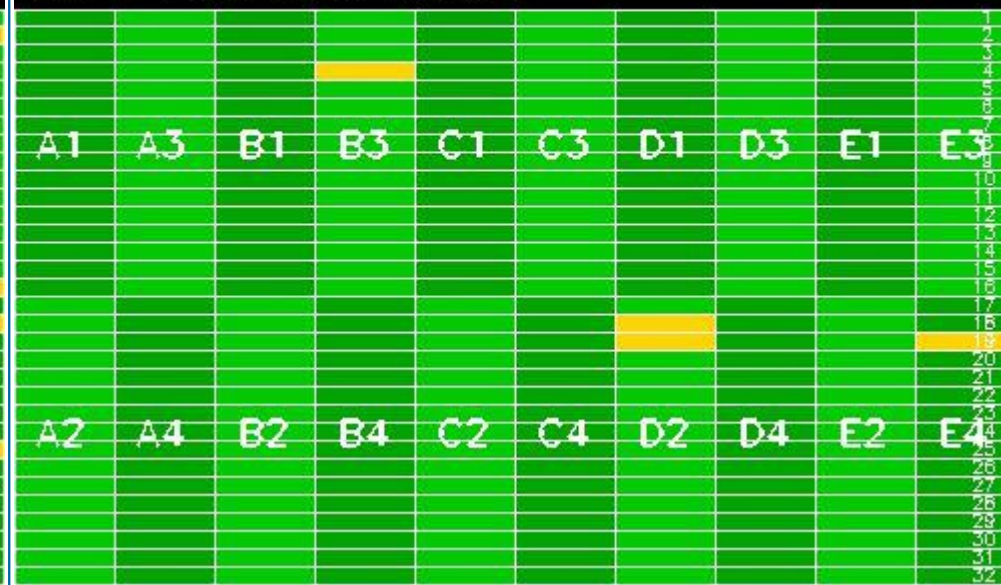
Reference: 2005-09-23 05:55:14 V RxGain  
 Test : 2009-03-20 03:34:11 V

Reference: 2009-03-18 04:37:26 V RxGain  
 Test : 2009-03-20 03:34:11 V



Reference: 2005-09-23 05:55:14 V RxPhase  
 Test : 2009-03-20 03:34:11 V

Reference: 2009-03-18 04:37:26 V RxPhase  
 Test : 2009-03-20 03:34:11 V



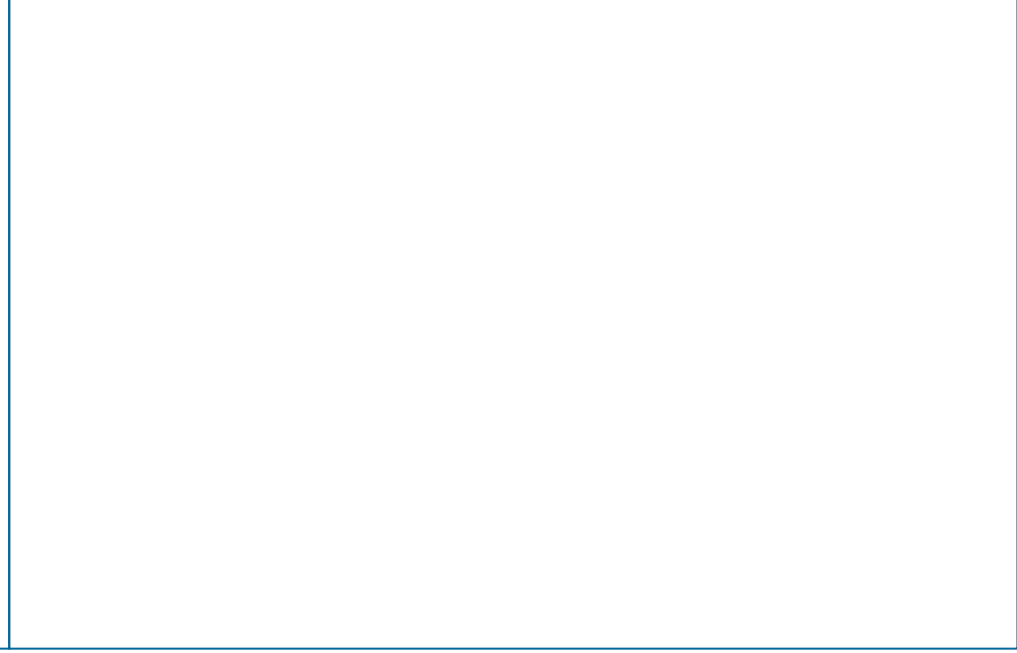
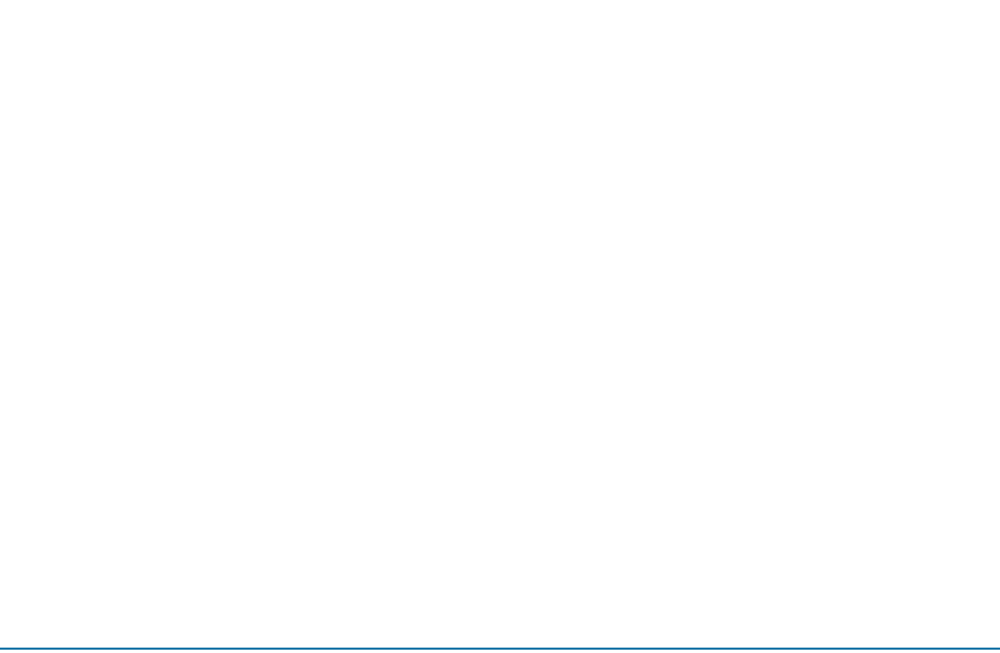
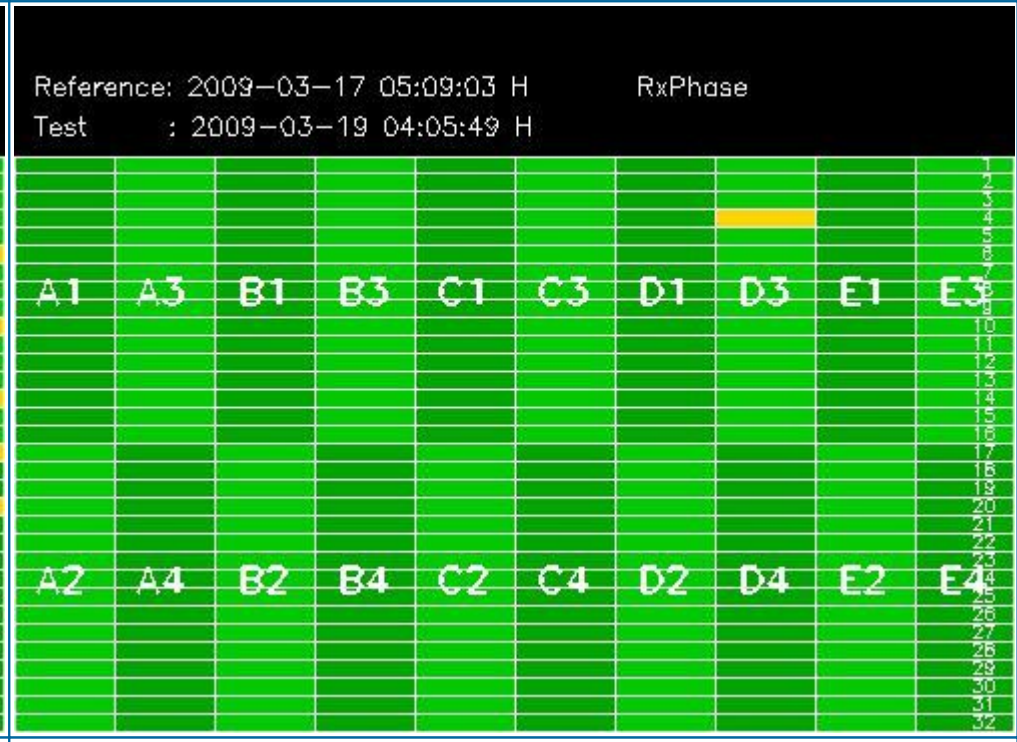
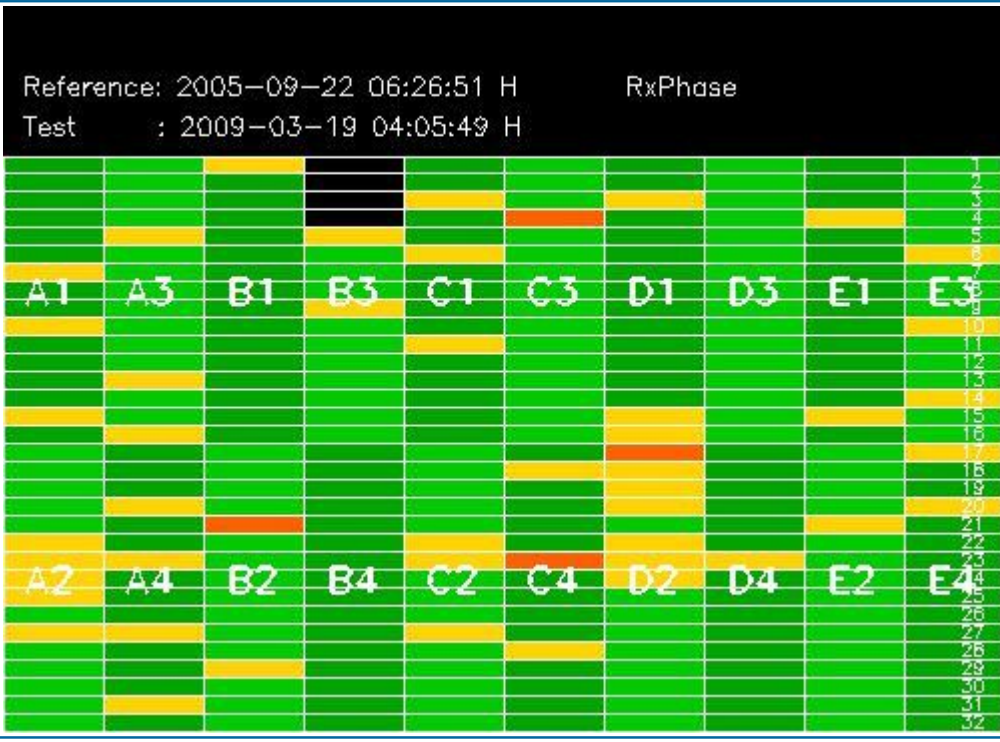
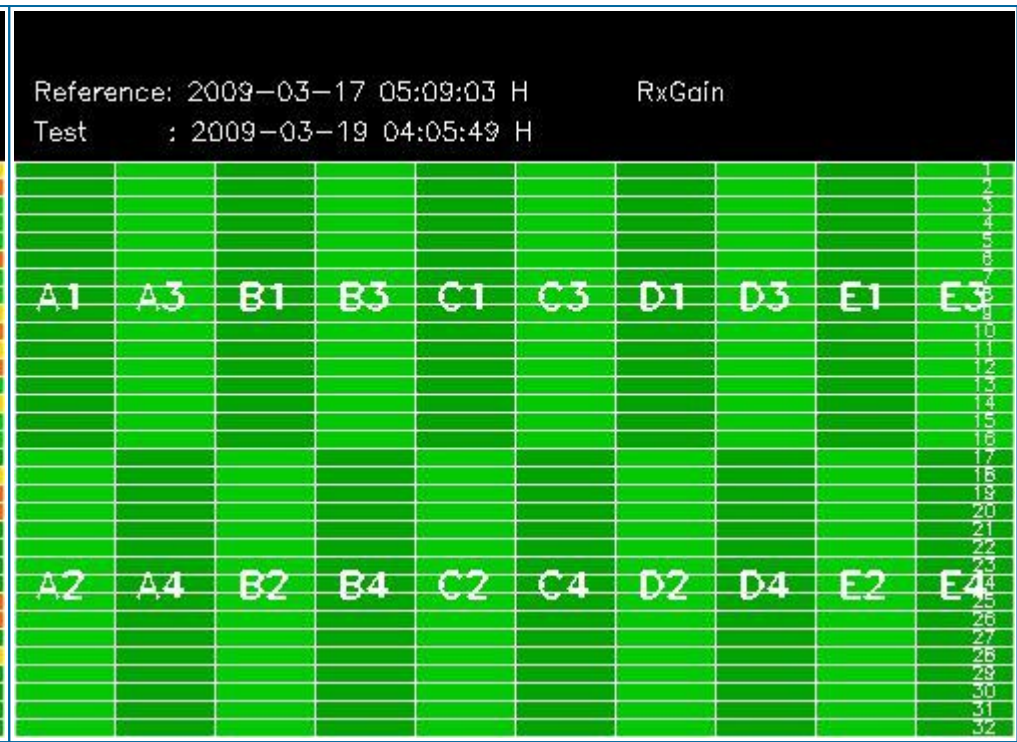
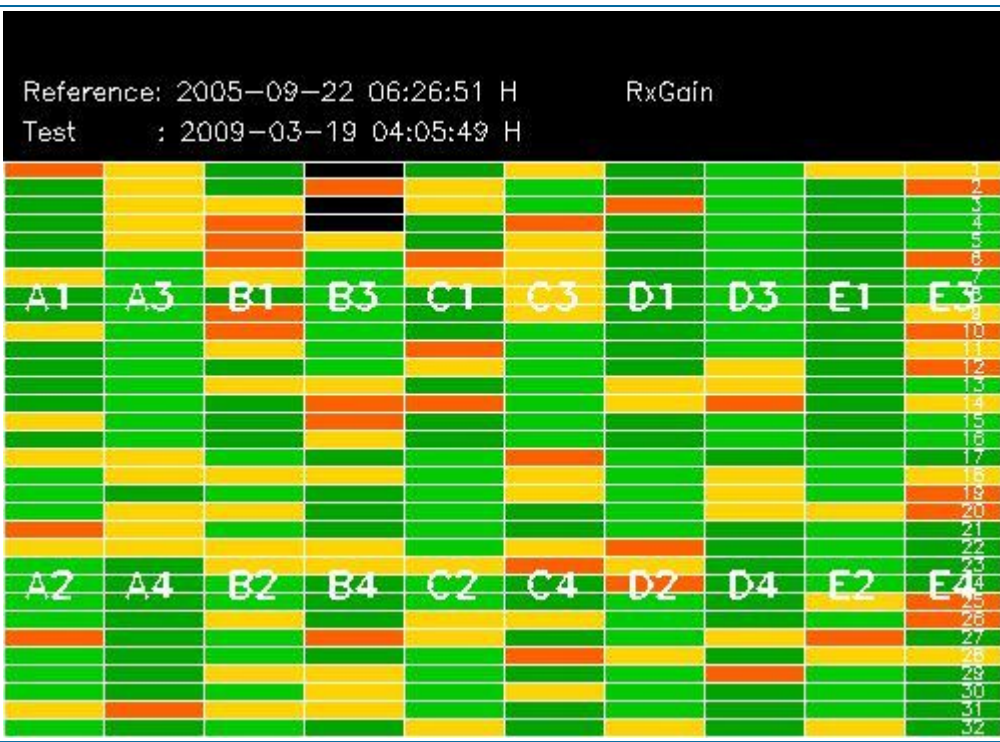




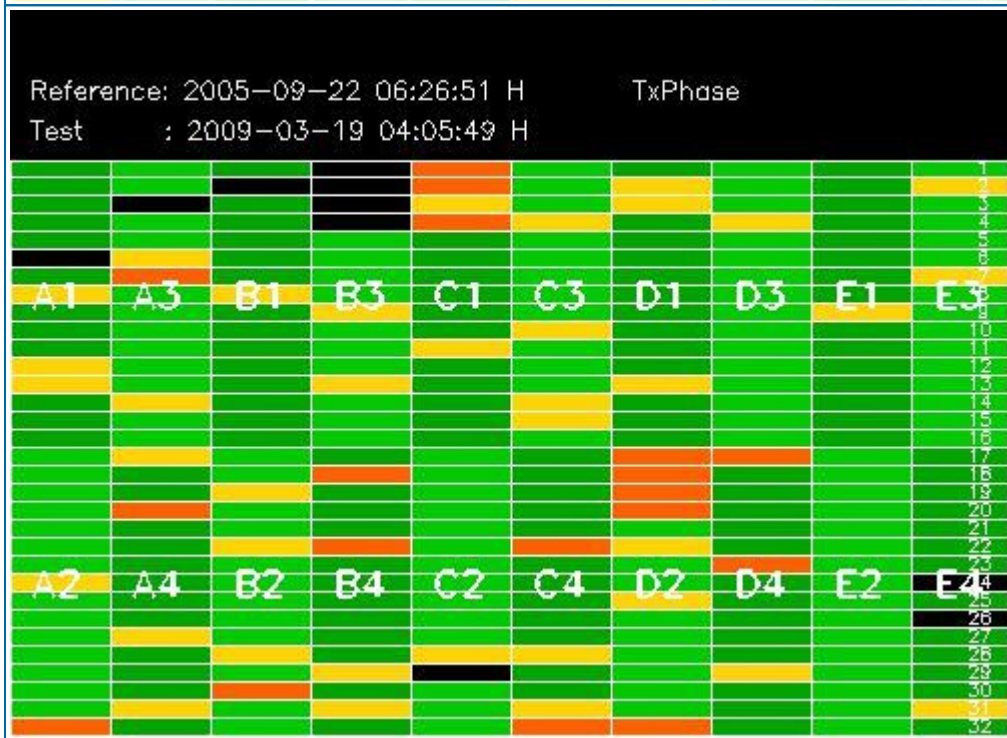
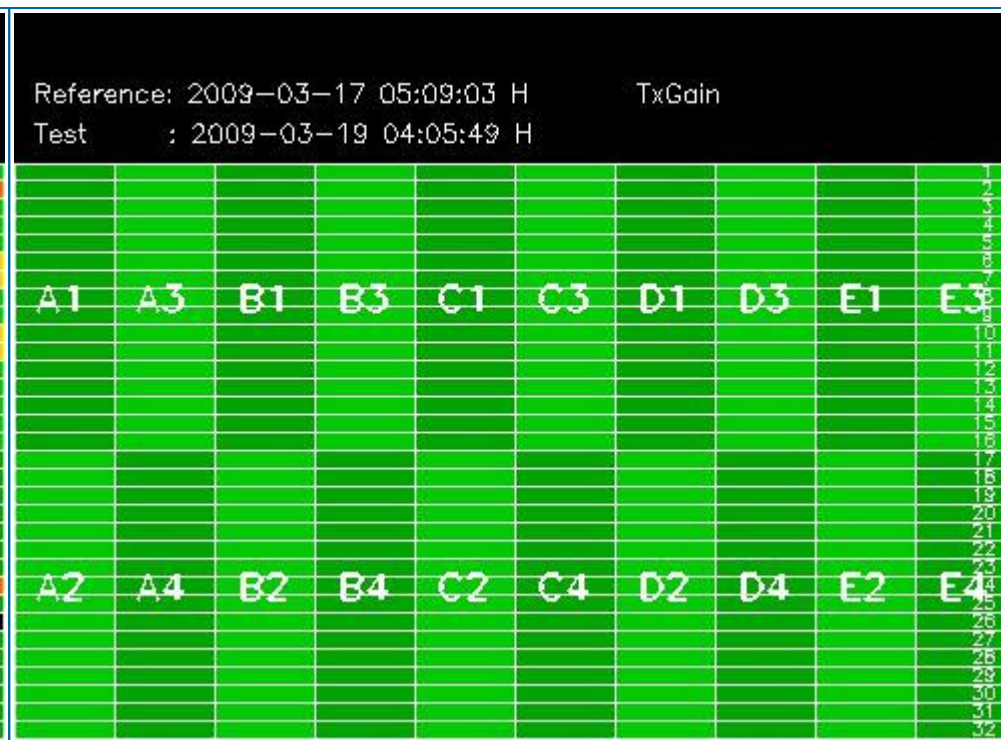
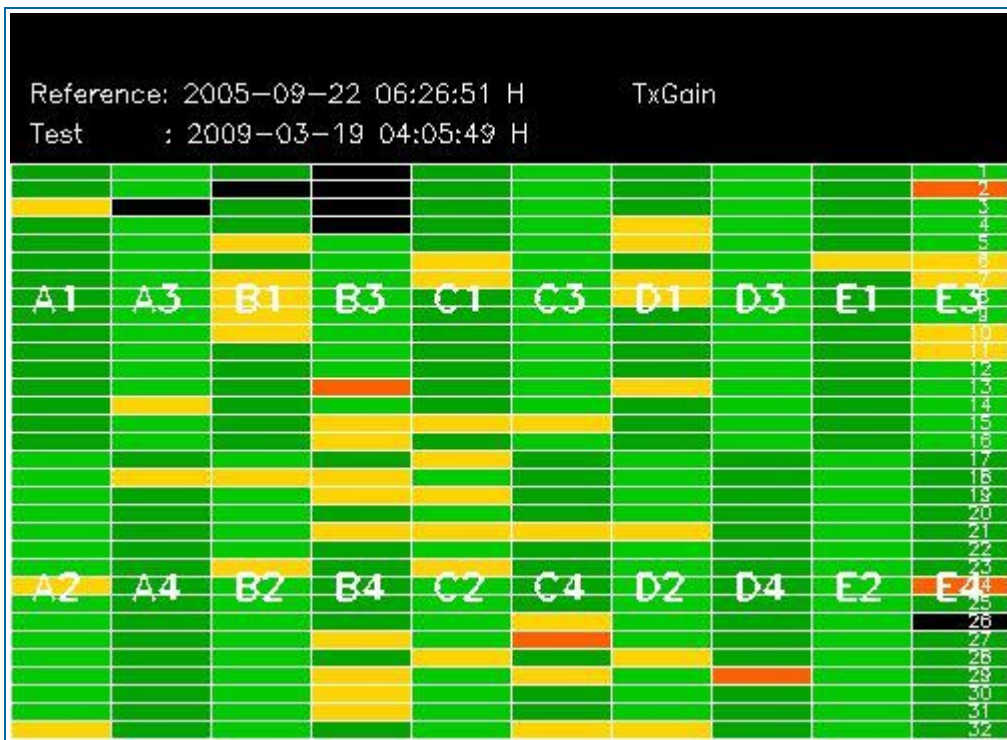
### 3.2 - H/H polarisation

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







## 4 - CALIBRATION PULSES ANALYSIS

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

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

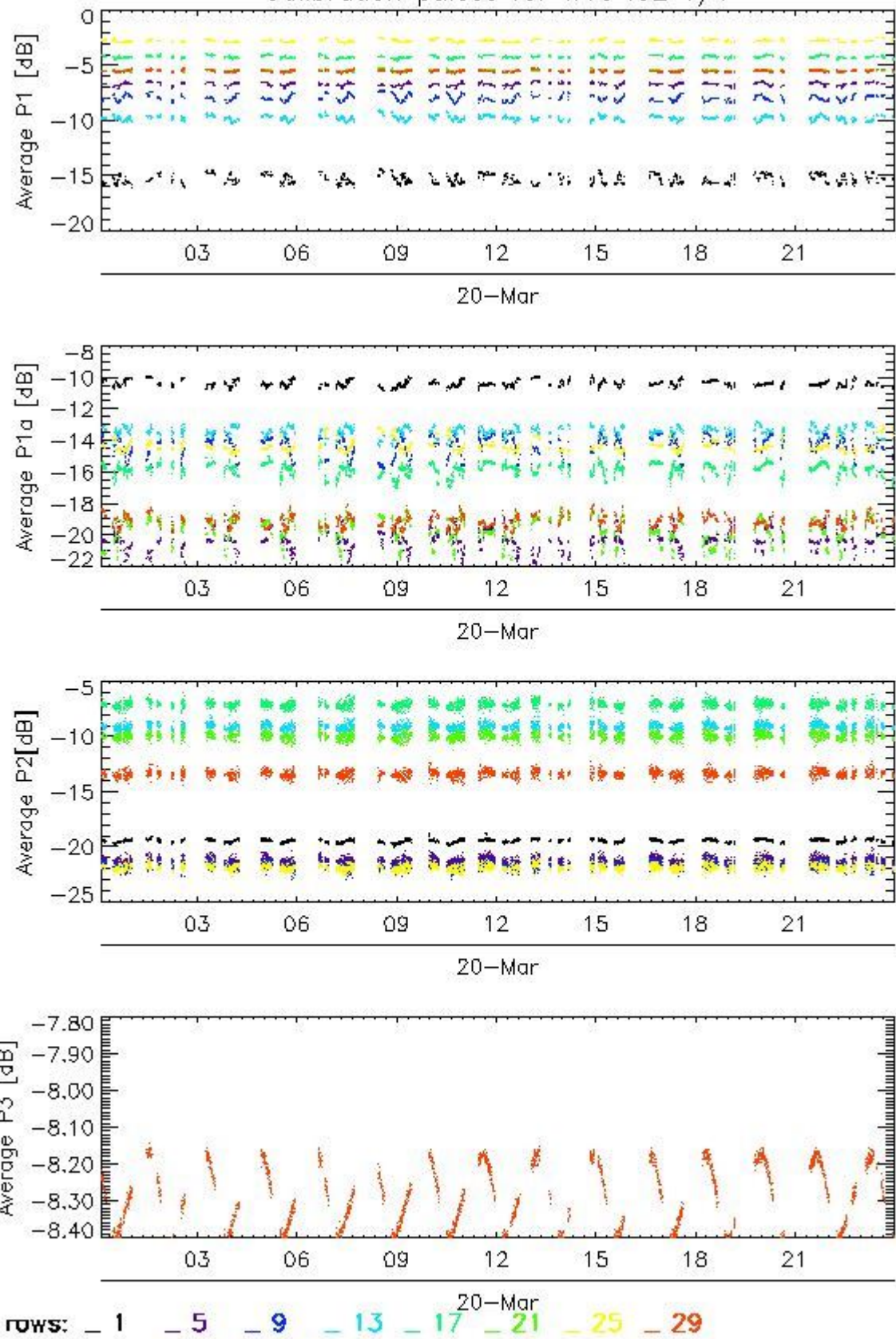
[ BACK TO MENU ]

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

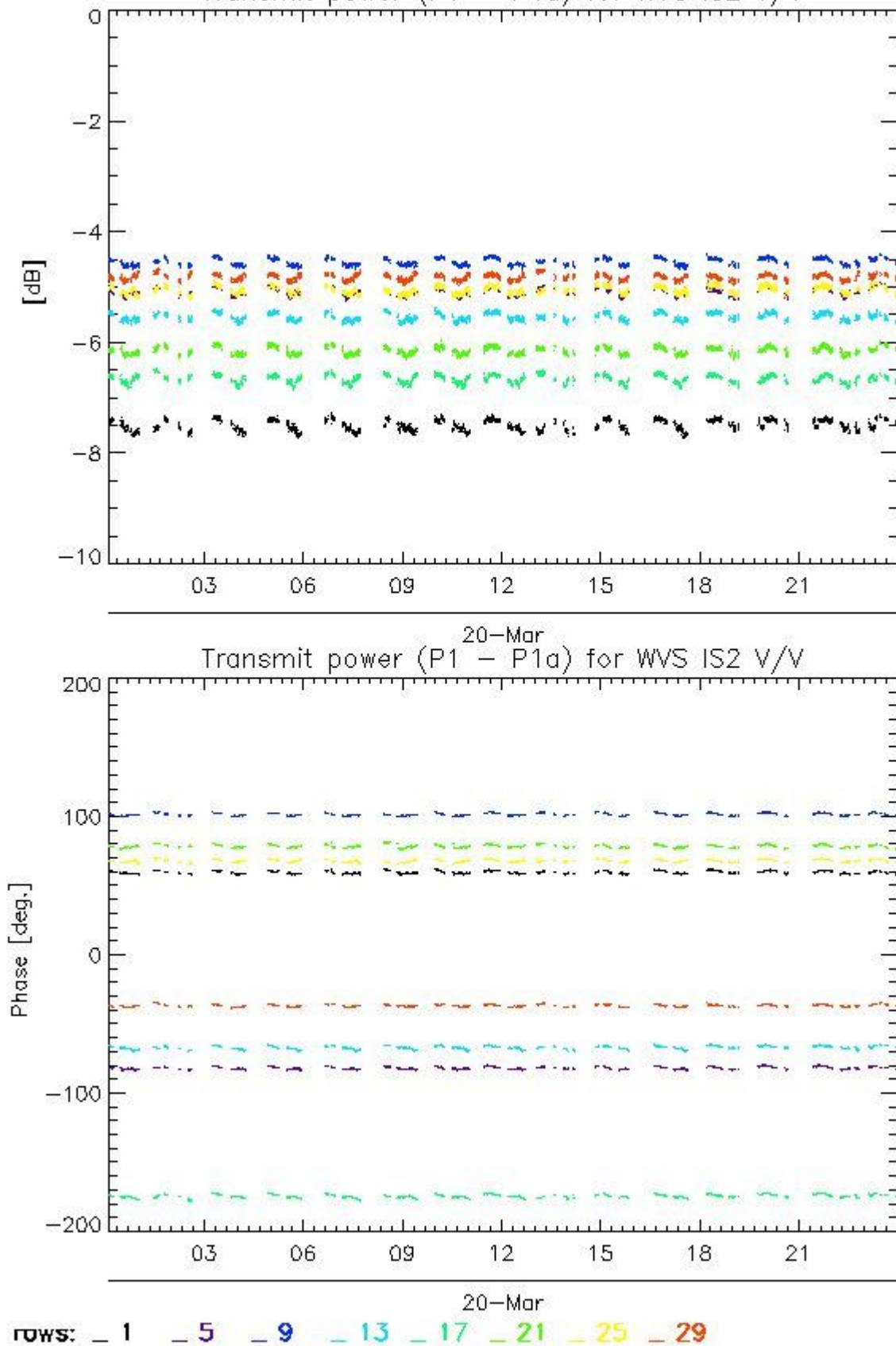
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for WVS IS2 V/V



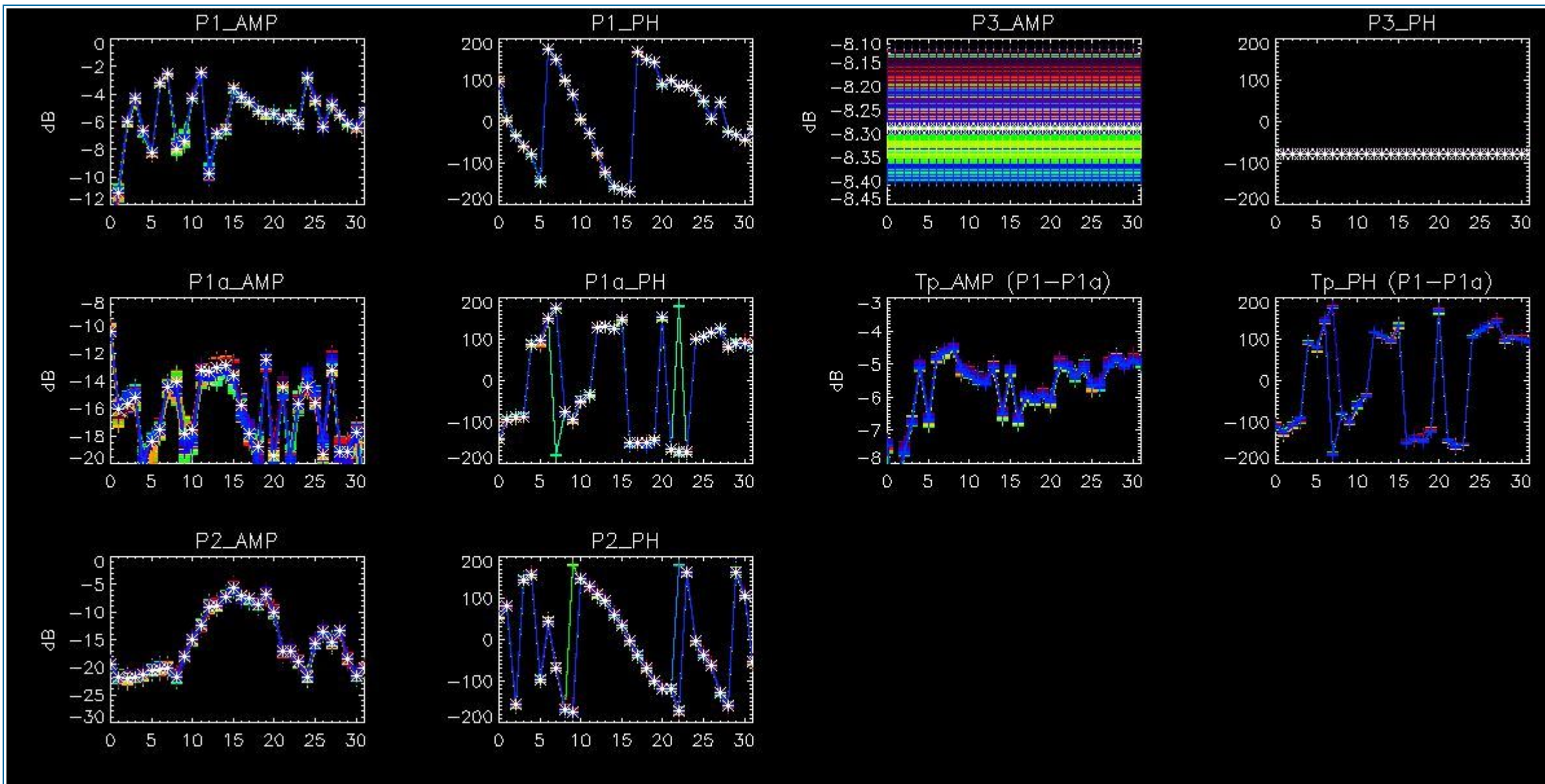
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

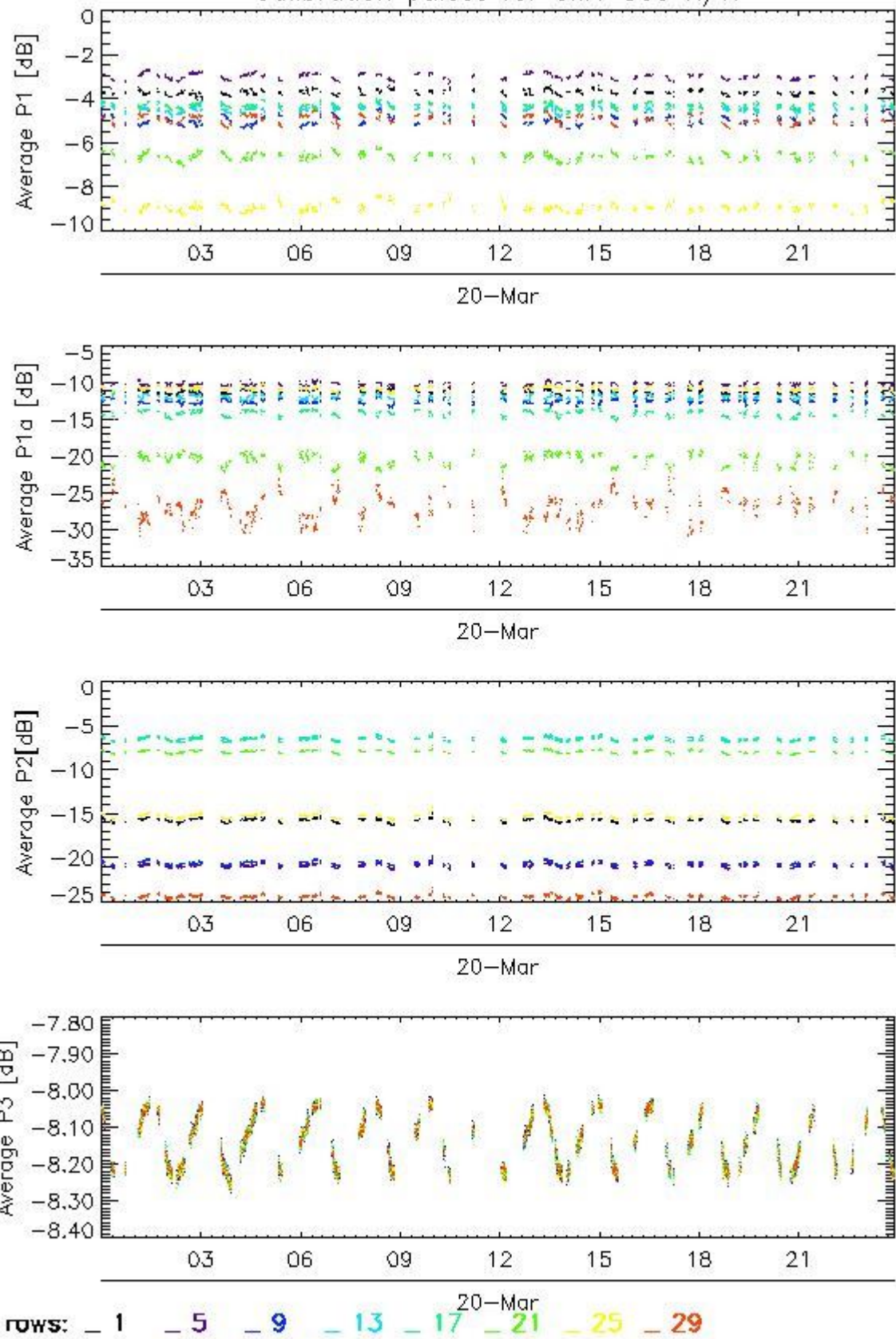
[ BACK TO MENU ]

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

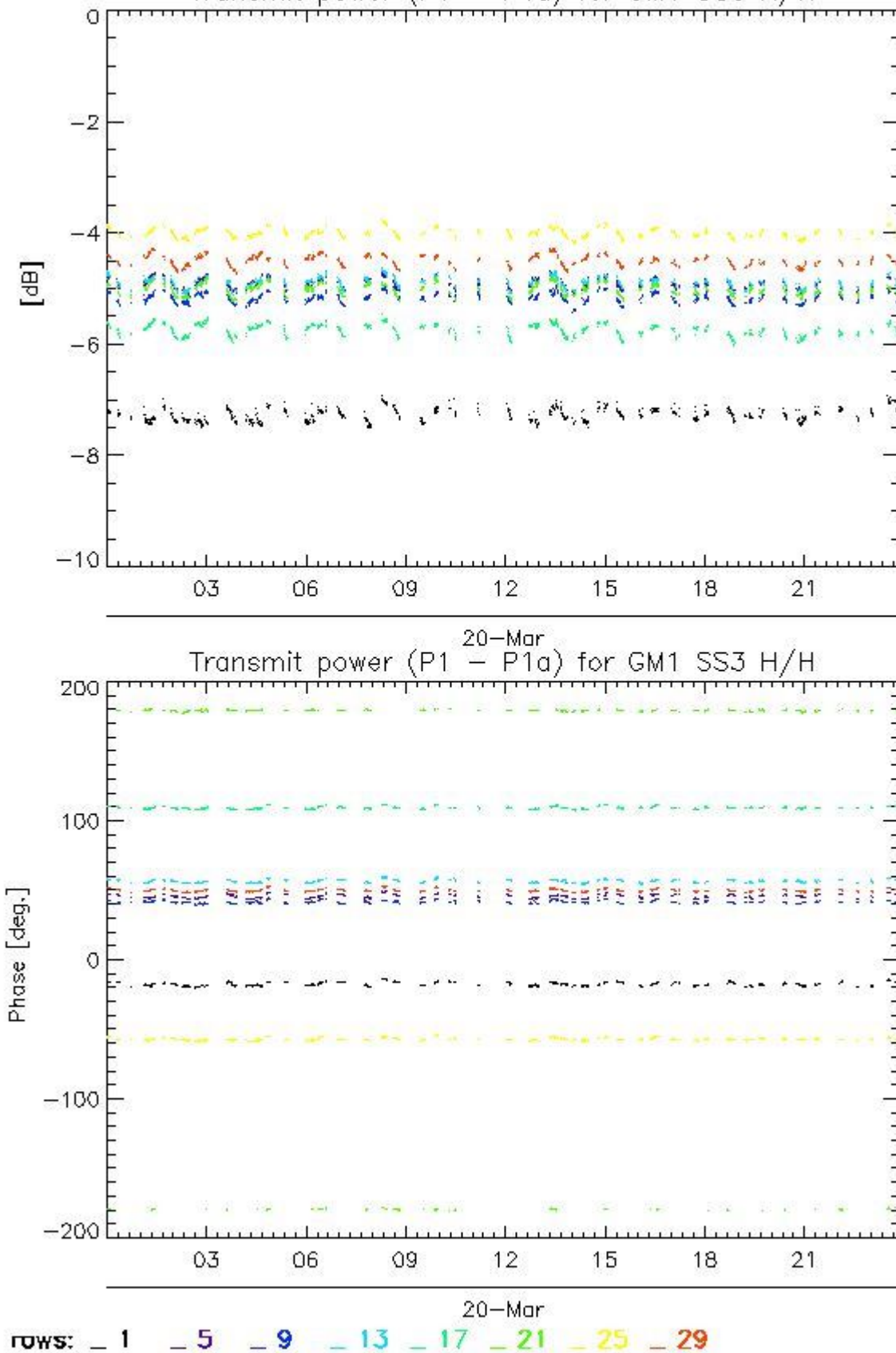
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



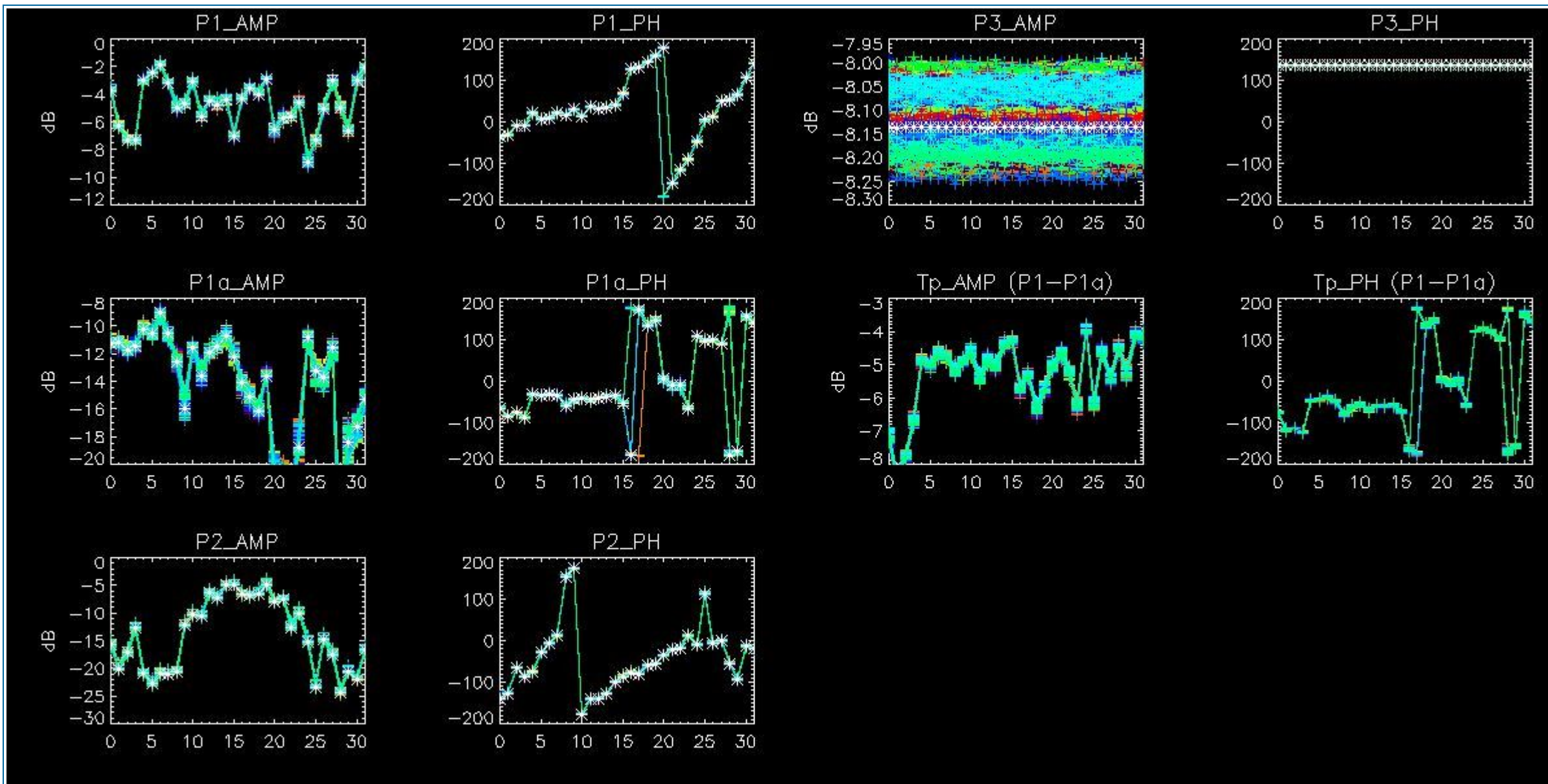
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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## 5 - DOPPLER ANALYSIS

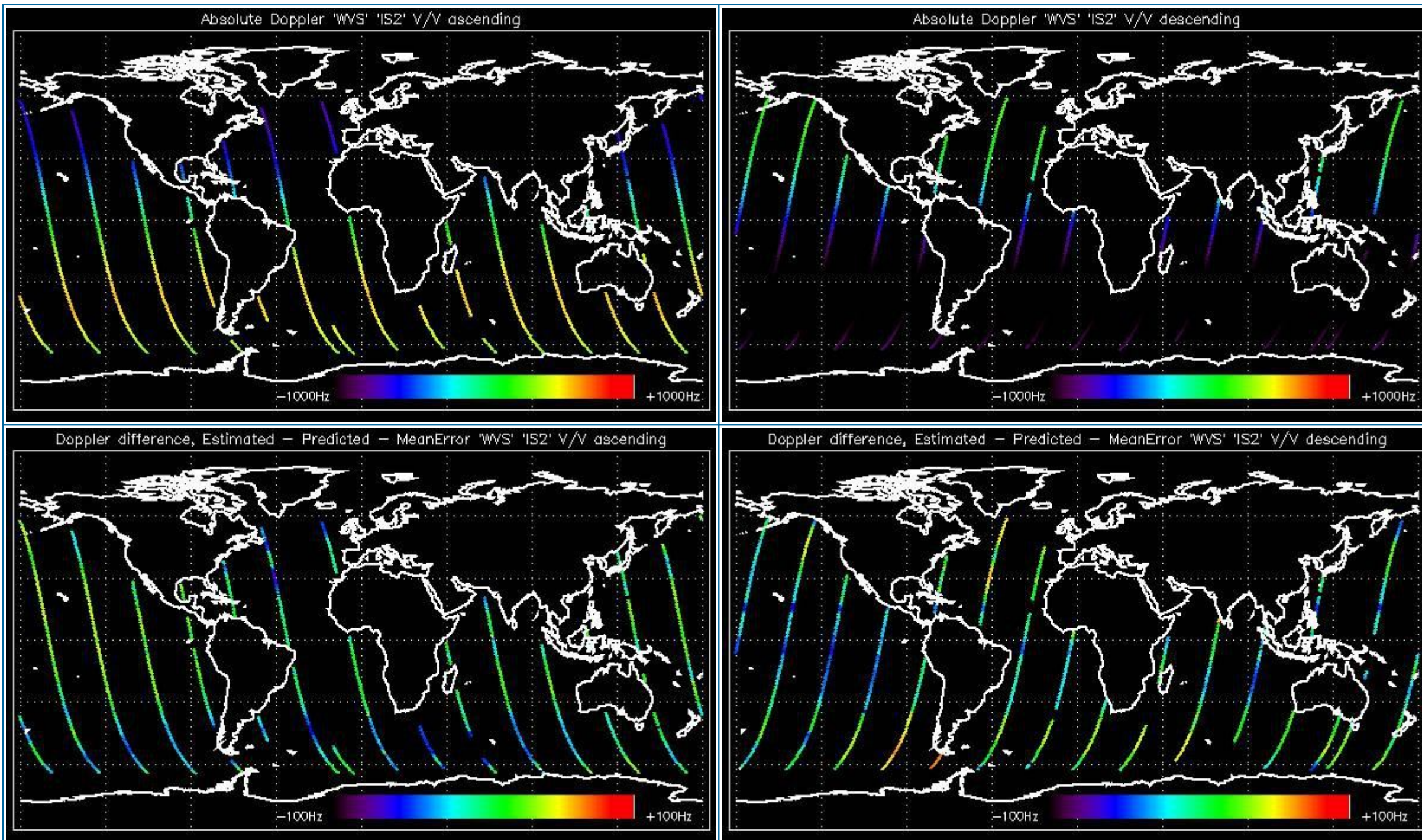
### 5.1 - Analysis for WVS IS2 V/V

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

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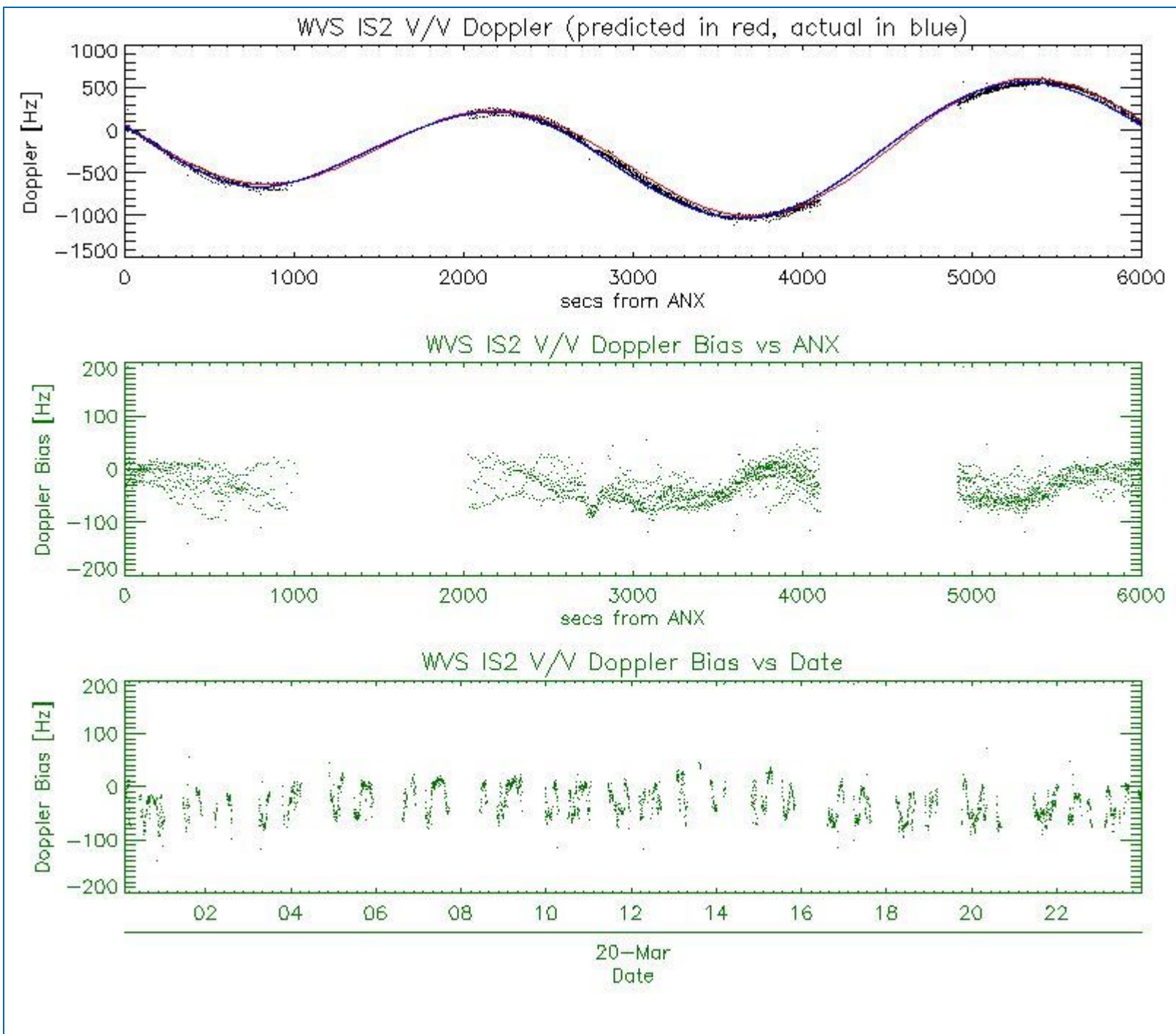




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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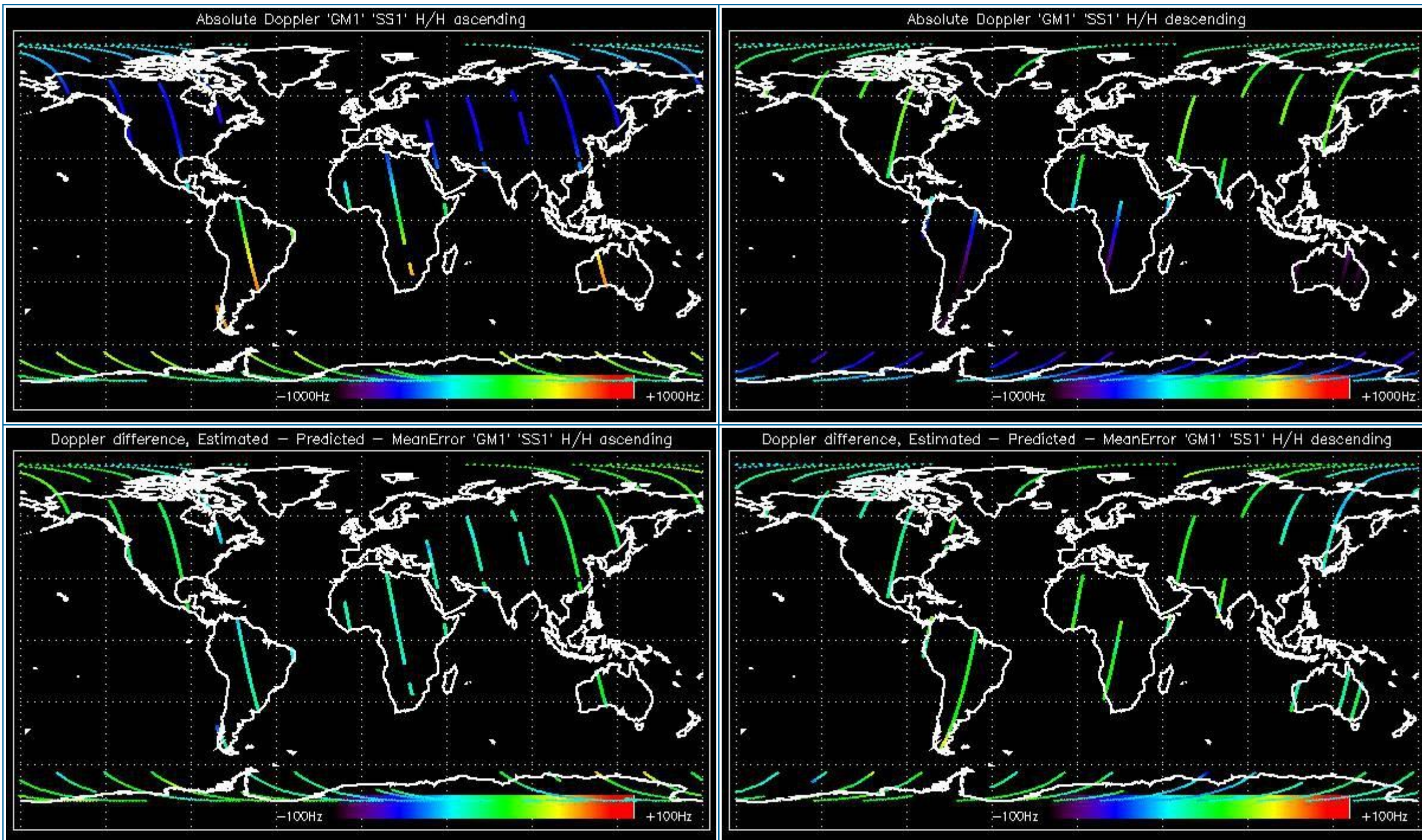
## 5.2 - Analysis for GM1 SS1 H/H

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

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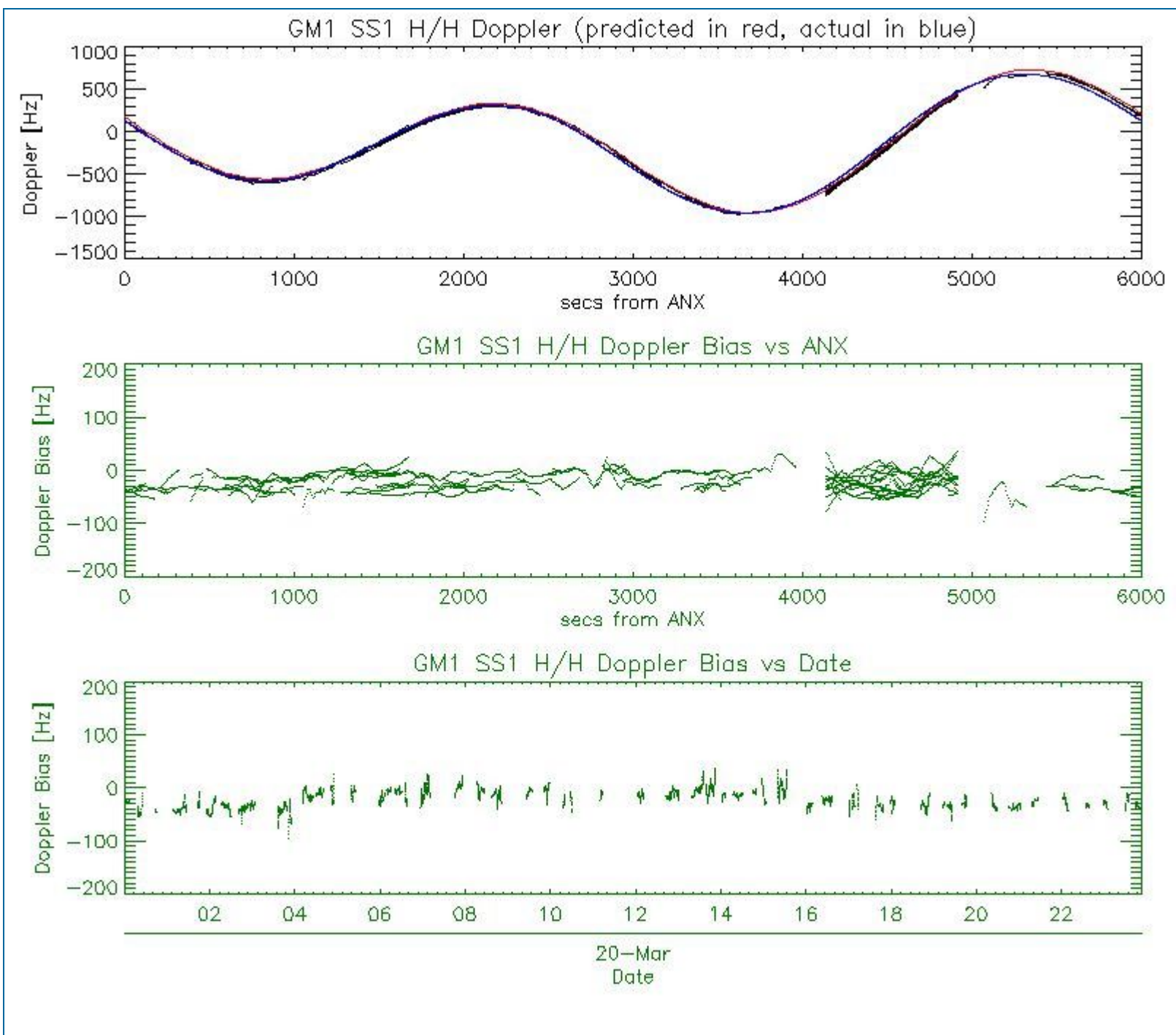




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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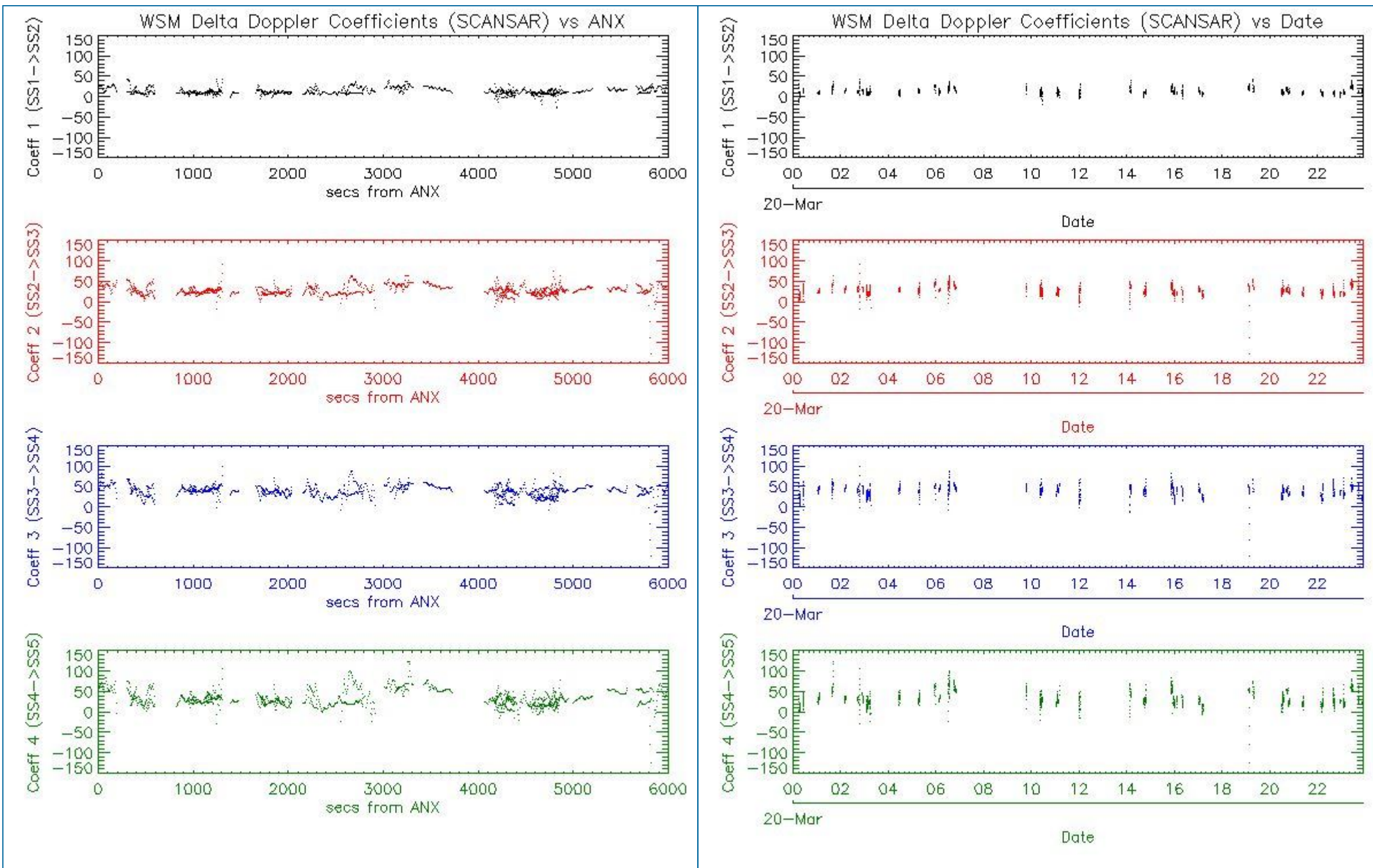


### 5.3 - Doppler JUMPS Analysis for WSM

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





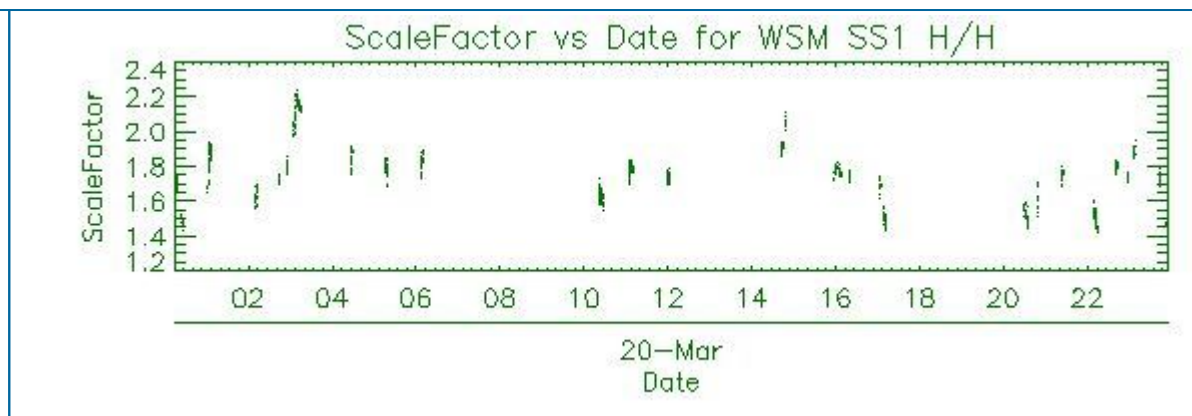
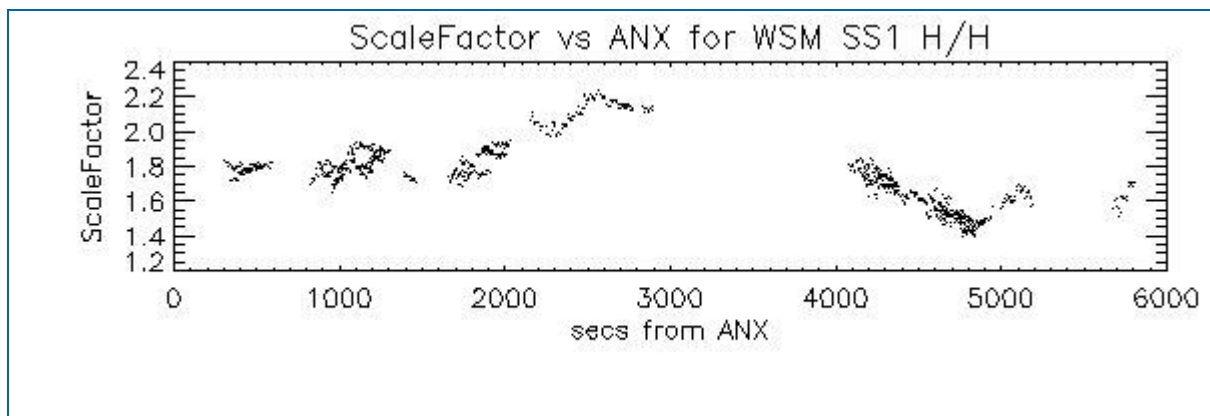
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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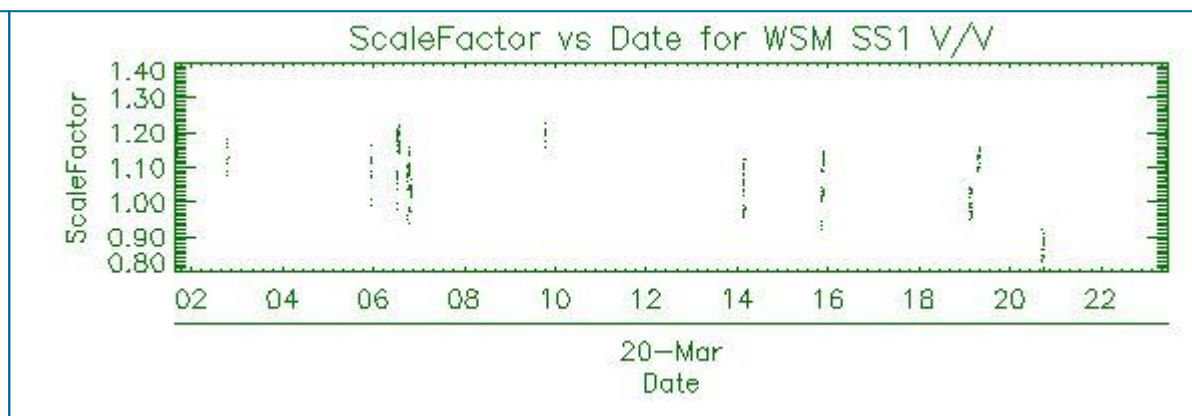
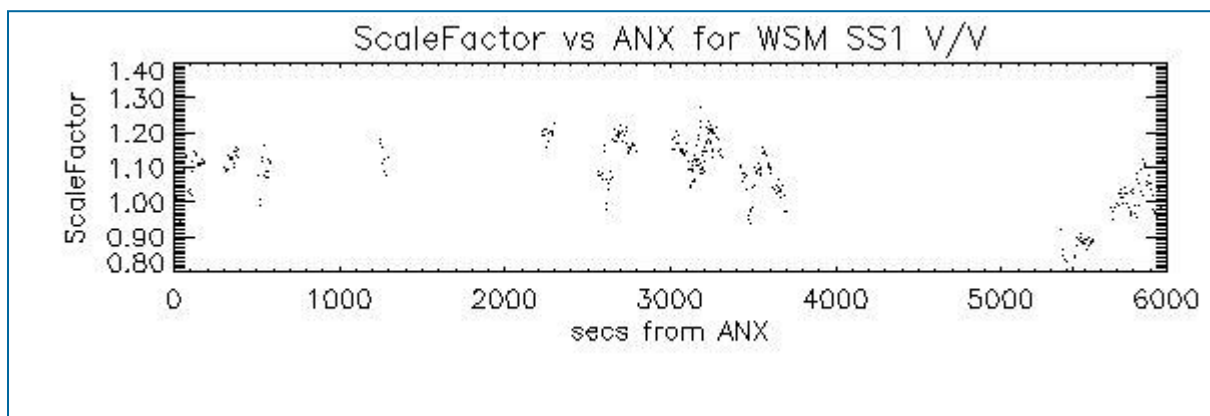




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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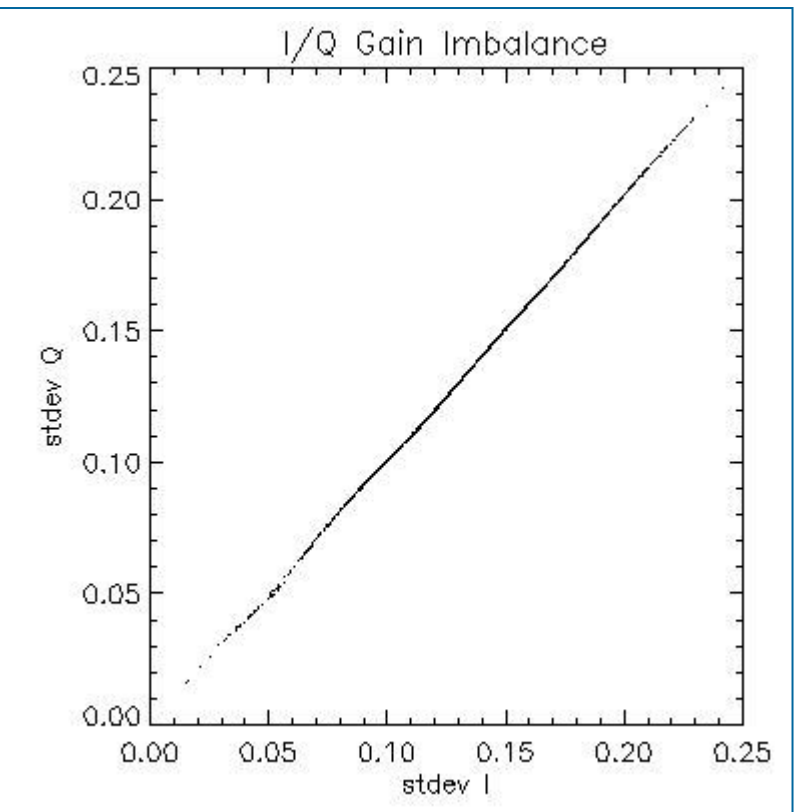
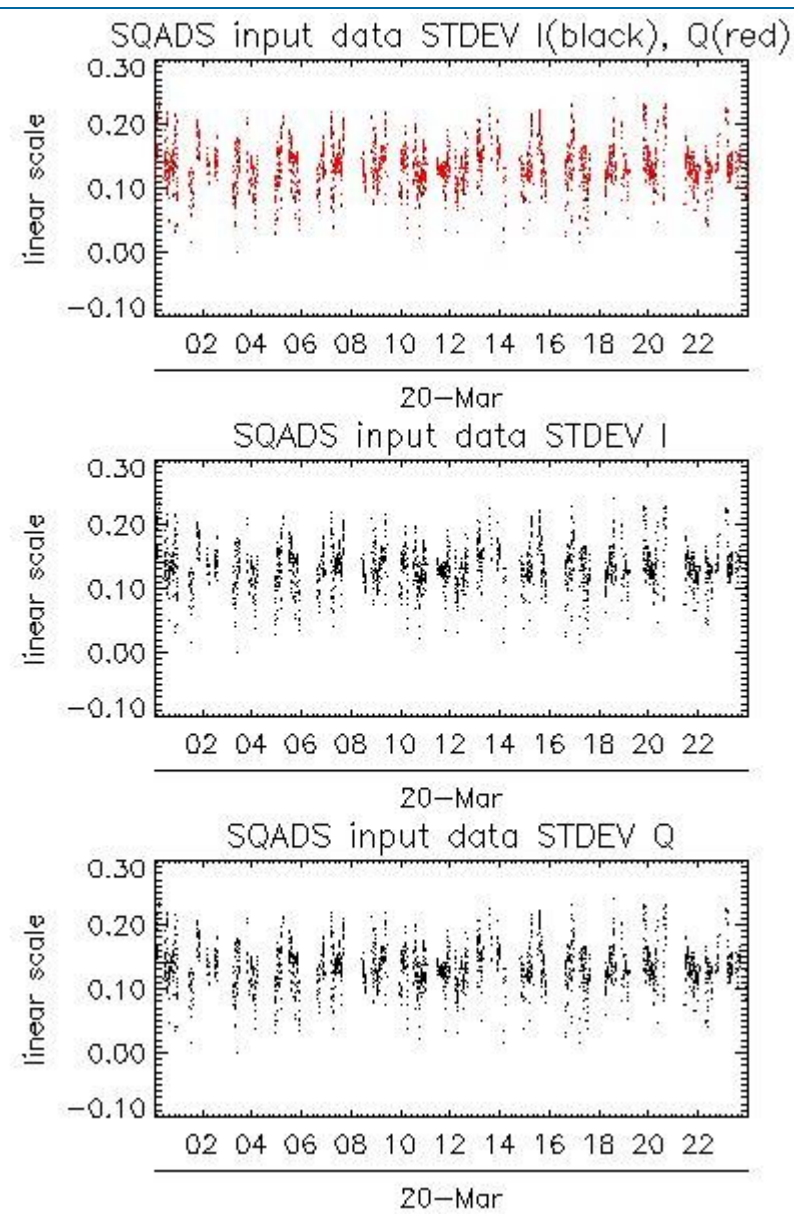
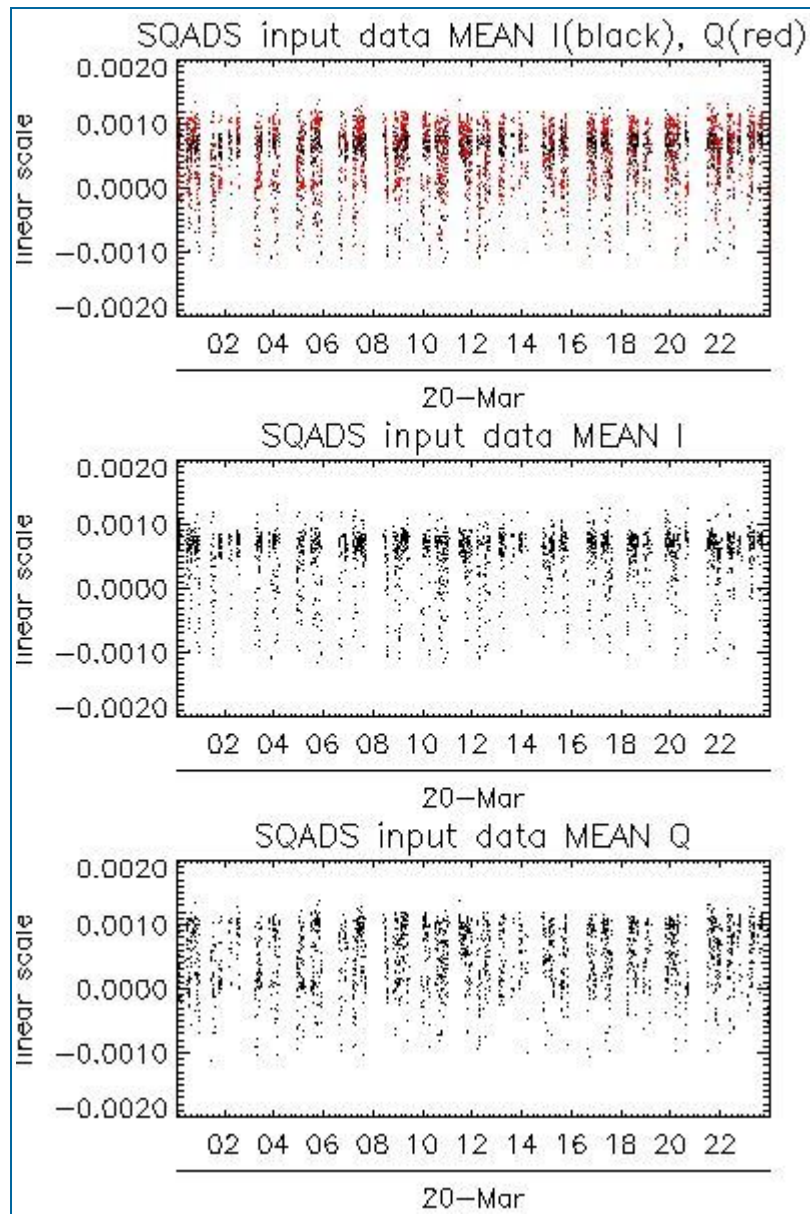
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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



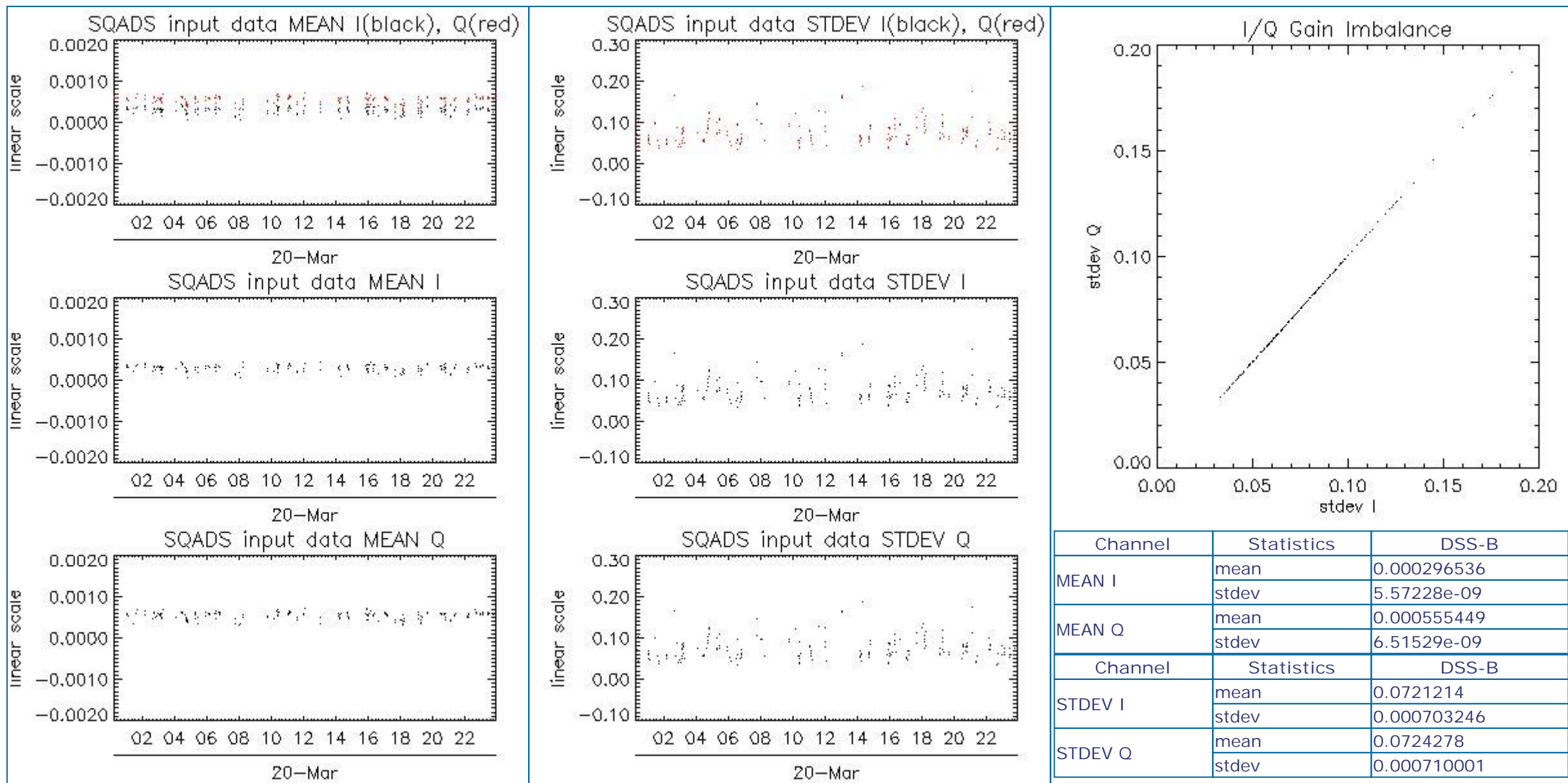


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000503607 |
|         | stdev      | 2.01503e-07 |
| MEAN Q  | mean       | 0.000515748 |
|         | stdev      | 2.37243e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.134403    |
|         | stdev      | 0.00107564  |
| STDEV Q | mean       | 0.134797    |
|         | stdev      | 0.00109417  |

## 7.2 - Analysis for IMM

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



## 8 - TELEMETRY ANALYSIS

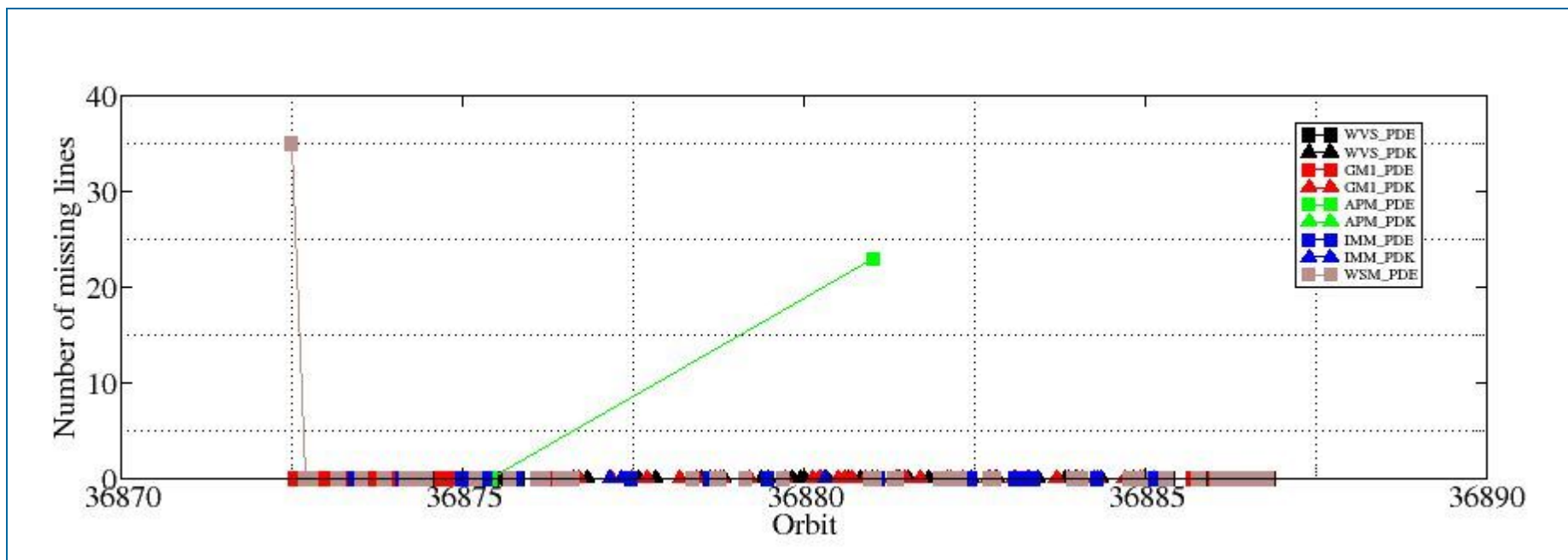
| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE               | ASA_APM_1PNPDE20090320_141314_00000882077_00254_36881_1322.N1  | 0    | 23            |
| PDE               | ASA_WSM_1PNPDE20090319_235439_000003302077_00245_36872_0709.N1 | 0    | 35            |

### 8.1 - Number of Missing lines

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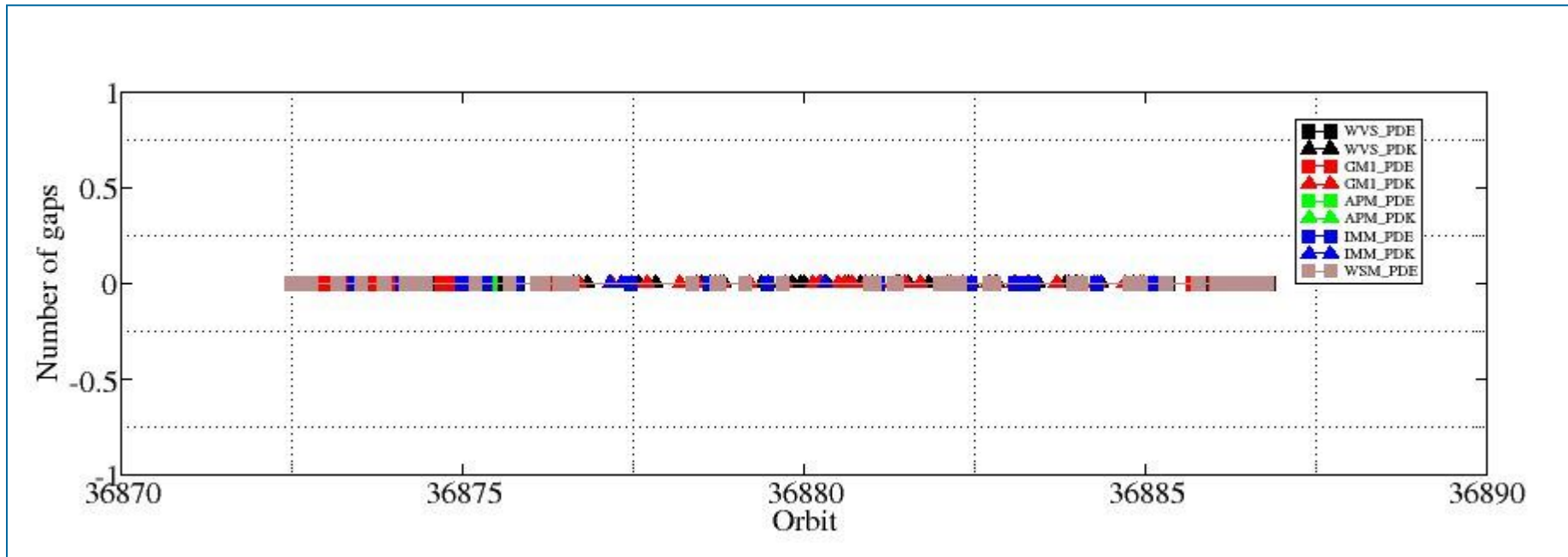






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 090320  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/090320/

DATA SUMMARY

#####  
Summary will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/090320/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/090320/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090320/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/090320/AUXILIARY

Creating directory ./RESULTS/DAILY/090320/AUXILIARY...

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





Found list 20090320\_030001\_current\_3\_IECF\_ADFs.txt...  
Extracting ADFs...

ASA\_CON\_AXVIEC20081215\_141339\_20070204\_165113\_20091231\_000000  
ASA\_INS\_AXVIEC20081215\_140905\_20070307\_060000\_20091231\_000000  
ASA\_XCH\_AXVIEC20081215\_143642\_20020301\_000000\_20091231\_000000  
ASA\_XCA\_AXVIEC20090311\_104501\_20080801\_000000\_20091231\_235959

Writing file ./RESULTS/DAILY/090320/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
Writing file ./RESULTS/DAILY/090320/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*  
Analysing WVS products...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_WVS.xls...  
Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20090320_000611_000004652077_00245_36872_0237.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_002730_000005102077_00245_36872_0240.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_003515_000004192077_00245_36872_0368.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_004507_000009742077_00245_36872_0373.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_012804_000005632077_00246_36873_0382.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_014619_000004802077_00246_36873_0385.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_021251_000001952077_00246_36873_0538.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_022946_000004492077_00247_36874_0529.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_031518_000006742077_00247_36874_0549.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_032617_000002852077_00247_36874_0810.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_034846_000001052077_00247_36874_0826.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_035527_000006292077_00247_36874_0829.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_040720_000001792077_00247_36874_0819.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_041246_000001192077_00248_36875_0832.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_045453_000008392077_00248_36875_0864.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_050838_000003452077_00248_36875_1071.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_052913_000015892077_00248_36875_1086.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_063752_000003742077_00249_36876_1083.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_212709_000020692077_00258_36885_1505.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_221549_000003752077_00258_36885_1500.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_222119_000007792077_00258_36885_1614.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_224259_000004192077_00259_36886_1619.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_230807_000009142077_00259_36886_1622.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_232833_000000592077_00259_36886_1625.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_233536_000003902077_00259_36886_1634.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20090320_235548_000004952077_00259_36886_1642.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_065004_000003752077_00249_36876_2160.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_070958_000019942077_00249_36876_2185.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_082709_000005852077_00250_36877_2253.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_085034_000020842077_00250_36877_2271.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_092534_00000302077_00250_36877_2274.N1  | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_095823_000006292077_00251_36878_2401.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_101033_000004052077_00251_36878_2404.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_103110_000018892077_00251_36878_2495.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_112732_000004192077_00252_36879_2545.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_113634_000012892077_00252_36879_2556.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_121146_000005102077_00252_36879_2551.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_122433_000000592077_00252_36879_2548.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_122837_000008072077_00252_36879_2621.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_130407_000008692077_00253_36880_2683.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_133631_000001202077_00253_36880_2686.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_135222_000005102077_00253_36880_2693.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_141012_000001492077_00253_36880_2698.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_145000_000004492077_00254_36881_2821.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_150347_000009302077_00254_36881_2826.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_153258_000010642077_00254_36881_2835.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_163716_000013492077_00255_36882_2943.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_171334_000014542077_00255_36882_2952.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20090320_181345_000016042077_00256_36883_3186.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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ASA_WVS_1PNPDK20090320_185410_000001202077_00256_36883_3189.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090320_185929_000003752077_00256_36883_3192.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090320_190921_000001642077_00256_36883_3199.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090320_194642_000020542077_00257_36884_3329.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090320_203524_000003602077_00257_36884_3343.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDE20090320_000015_000003562077_00245_36872_0231.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_001843_000003502077_00245_36872_0247.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_004302_000001202077_00245_36872_0370.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_010724_000011772077_00246_36873_0475.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_014212_000002472077_00246_36873_0375.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_015509_000007792077_00246_36873_0404.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_021646_000007792077_00246_36873_0535.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_023955_000001632077_00247_36874_0533.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_024415_000001872077_00247_36874_0531.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_024839_000003622077_00247_36874_0526.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_025714_000004102077_00247_36874_0546.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_033545_000007792077_00247_36874_0816.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_035113_000002532077_00247_36874_0923.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_041058_000001082077_00248_36875_0821.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_041523_000006342077_00248_36875_0823.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_042932_000006822077_00248_36875_0925.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_044930_000003202077_00248_36875_0841.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_051931_000003802077_00248_36875_1052.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_055800_000005372077_00249_36876_1054.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_060941_000003202077_00249_36876_1068.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_062126_000005432077_00249_36876_1050.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_063454_000001752077_00249_36876_1080.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_211801_000002352077_00258_36885_1492.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_212530_000000962077_00258_36885_1490.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_220220_000003982077_00258_36885_1502.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_223504_000002352077_00259_36886_1616.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_225845_000003562077_00259_36886_1631.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_233013_000002112077_00259_36886_1629.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_233348_000001082077_00259_36886_1627.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090320_234434_000005012077_00259_36886_1644.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_065657_000007792077_00249_36876_2162.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_074547_000006402077_00250_36877_2182.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_081627_000006402077_00250_36877_2248.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_083732_000007792077_00250_36877_2255.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_092646_000004342077_00251_36878_2257.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_095045_000004532077_00251_36878_2406.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_101808_000001502077_00251_36878_2408.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_102747_000001992077_00251_36878_2412.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_111009_000001932077_00252_36879_2432.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_120255_000005252077_00252_36879_2558.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_124245_000004342077_00253_36880_2553.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_125220_000003082077_00253_36880_2624.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_125629_000002652077_00253_36880_2676.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_131918_000006522077_00253_36880_2678.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_133012_000003742077_00253_36880_2680.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_133920_000007792077_00253_36880_2688.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_140137_000003082077_00253_36880_2690.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_141722_000000782077_00254_36881_2695.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_141929_000006702077_00254_36881_2700.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_144501_000001082077_00254_36881_2816.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_144830_000000902077_00254_36881_2818.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_145815_000003322077_00254_36881_2823.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_151956_000007792077_00254_36881_2828.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090320_160146_000002592077_00255_36882_2830.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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|--|--|
| ASA_GM1_1PNPDK20090320_160743_000000842077_00255_36882_2832.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_162258_000007972077_00255_36882_2940.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_170032_000000902077_00255_36882_2938.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_170455_000002172077_00255_36882_2936.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_171211_000000782077_00255_36882_2947.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_173835_000000782077_00256_36883_2945.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_174130_000004472077_00256_36883_2949.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_175902_000001082077_00256_36883_3181.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_180140_000002532077_00256_36883_3183.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_184108_000007792077_00256_36883_3196.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_191255_000001142077_00257_36884_3194.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_191939_000003982077_00257_36884_3206.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_193847_000001202077_00257_36884_3324.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_194249_000002292077_00257_36884_3326.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_202144_000004472077_00257_36884_3333.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_204541_000000962077_00257_36884_3331.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20090320_204954_000007612077_00257_36884_3340.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing APM products...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_APM.txt...

|  |  |
|--|--|
| ASA_APM_1PNPDE20090320_044827_000000432077_00248_36875_0812.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20090320_141314_000000882077_00254_36881_1322.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDK20090320_210654_000000422077_00258_36885_3412.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing IMM products...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_IMM.txt...

|  |  |
|--|--|
| ASA_IMM_1PNPDE20090320_012721_000000372077_00246_36873_0406.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_023906_000000372077_00247_36874_0605.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_040633_000000402077_00247_36874_0814.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_044053_000003032077_00248_36875_0971.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_044053_000004192077_00248_36875_0998.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_052551_000001352077_00248_36875_1040.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_081436_000001012077_00250_36877_1192.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_100935_000000532077_00251_36878_1213.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_113505_000000832077_00252_36879_1237.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_141841_000000372077_00254_36881_1294.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_155511_000000392077_00255_36882_1366.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_162058_000001092077_00255_36882_1396.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_163615_000000432077_00255_36882_1368.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_173951_000000882077_00256_36883_1399.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_180050_000000392077_00256_36883_1409.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_180555_000000522077_00256_36883_1413.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_180741_000003562077_00256_36883_1437.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_191449_000001302077_00257_36884_1460.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_194045_000001122077_00257_36884_1462.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20090320_210530_000000422077_00258_36885_1576.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20090320_074356_000001002077_00250_36877_2219.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20090320_080150_000000822077_00250_36877_2227.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20090320_130052_000000832077_00253_36880_2657.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

\*\*\*\*\*

Analysing WSM products...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/090320/AUXILIARY/Check\_ADFs\_WSM.txt...







AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/090320/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/090320/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/090320/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20050922\_062651\_00000152041\_00034\_18625\_0041.N1

Test product: ASA\_MS\_0PNPDE20090319\_040549\_00000162077\_00233\_36860\_0396.N1

H

H

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20090319\_040549-20050922\_062651.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20090319\_040549-20050922\_062651.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20090319\_040549-20050922\_062651.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20090319\_040549-20050922\_062651.png

Polarization: V

Reference product: ASA\_MS\_0PNPDK20050923\_055514\_00000152041\_00048\_18639\_0042.N1

Test product: ASA\_MS\_0PNPDE20090320\_033411\_00000162077\_00247\_36874\_0397.N1

V

V

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20090320\_033411-20050923\_055514.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20090320\_033411-20050923\_055514.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20090320\_033411-20050923\_055514.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20090320\_033411-20050923\_055514.png

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDE20090317\_050903\_00000162077\_00205\_36832\_0394.N1

Test product: ASA\_MS\_0PNPDE20090319\_040549\_00000162077\_00233\_36860\_0396.N1

H

H

../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20090319\_040549-20090317\_050903.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20090319\_040549-20090317\_050903.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20090319\_040549-20090317\_050903.png

../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20090319\_040549-20090317\_050903.png

Polarization: V

Reference product: ASA\_MS\_0PNPDE20090318\_043726\_00000162077\_00219\_36846\_0395.N1

Test product: ASA\_MS\_0PNPDE20090320\_033411\_00000162077\_00247\_36874\_0397.N1

V

V

../../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20090320\_033411-20090318\_043726.png



../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20090320\_033411-20090318\_043726.png  
../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20090320\_033411-20090318\_043726.png  
../RESULTS/DAILY/090320/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20090320\_033411-20090318\_043726.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090320/CALIBRATION\_PULSES...

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

ALL ROWS Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59

Analysing products WVS IS2 V/V

Writing image ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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

TEMPORAL EVOLUTION Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-03-20\_1.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-03-20\_2.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-03-20\_3.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-03-20\_4.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../RESULTS/DAILY/090320//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 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-03-20\_1.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-03-20\_2.dat...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 3/7/11/15/19/23/27/31





Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-03-20\_3.dat...  
 Writing ../../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-03-20 00:00:00 to 2009-03-20 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/090320/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-03-20\_4.dat...  
 Writing ../../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/090320//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/090320/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
 Writing file ./RESULTS/DAILY/090320/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-03-20.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/090320/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
 Writing file ./RESULTS/DAILY/090320/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-03-20.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/090320/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER JUMPS Analysis will be performed on WSM products from 2009-03-20 00:00:00 to 2009-03-20 23:59:59

Analysing by default products WSM  
 Getting doppler jumps data for WSM from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
 Writing file ./RESULTS/DAILY/090320/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-03-20.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/090320/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
 Writing file ../../RESULTS/DAILY/090320/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER MAP Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 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 = -31.748150 Hz  
 Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
 Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

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

```
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -27.796038 Hz
Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/090320//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 = -19.921636 Hz
Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

\*\*\*\*\*

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -23.701215 Hz
Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/090320//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

\*\*\*\*\*

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/090320/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...
Writing file ./RESULTS/DAILY/090320/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-03-20.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090320/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/090320/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...
Writing file ./RESULTS/DAILY/090320/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-03-20.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090320/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/090320/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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



RAW DATA ANALYSIS

#####  
Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/090320/RAW\_DATA

Creating directory ./RESULTS/DAILY/090320/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_WVS\_2009-03-20.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2009-03-20 00:00:00 to 2009-03-20 23:59:59...  
Writing file ./RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_IMM\_2009-03-20.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/090320/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2009-03-20 00:00:00 to 2009-03-20 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/090320/TELEMETRY

Creating directory ./RESULTS/DAILY/090320/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 26 products from PDE...  
Checking 28 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 30 products from PDE...  
Checking 41 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 2 products from PDE...  
Found product..ASA\_APM\_1PNPDE20090320\_141314\_00000882077\_00254\_36881\_1322.N1 / 0 gaps / 23 missing lines  
Checking 1 products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 20 products from PDE...  
Checking 3 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 68 products from PDE...  
Found product..ASA\_WSM\_1PNPDE20090319\_235439\_00003302077\_00245\_36872\_0709.N1 / 0 gaps / 35 missing lines  
No products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*



Creating image: ./RESULTS/DAILY/090320/TELEMETRY/TELEMETRY\_Missing\_lines.png...
Creating image: ./RESULTS/DAILY/090320/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS
#####
Analysis will be performed on 2009-03-20

\*\*\*\*\*
Scanning directory /nas3/ENVISAT/ASAR//ASA\_GM\_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_GM\_BP/JPG/20090320/

- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_211801\_000002352077\_00258\_36885\_1493.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_212530\_000000962077\_00258\_36885\_1491.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_220220\_000003982077\_00258\_36885\_1503.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_223504\_000002352077\_00259\_36886\_1617.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_225845\_000003562077\_00259\_36886\_1632.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_233013\_000002112077\_00259\_36886\_1630.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_233348\_000001082077\_00259\_36886\_1628.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDE20090320\_234434\_000005012077\_00259\_36886\_1645.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090320\_193847\_000001202077\_00257\_36884\_3325.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090320\_194249\_000002292077\_00257\_36884\_3327.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090320\_202144\_000004472077\_00257\_36884\_3334.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090320\_204541\_000000962077\_00257\_36884\_3332.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090320\_204954\_000007612077\_00257\_36884\_3341.N1 ...

ANALYSIS COMPLETED: 13 GM browse products to see...
\*\*\*\*\*

\*\*\*\*\*
Scanning directory /nas3/ENVISAT/ASAR//ASA\_AP\_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_AP\_BP/JPG/20090320/

- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_AP\_BP/ASA\_AP\_BPZPDE20090320\_141314\_000000882077\_00254\_36881\_1323.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_AP\_BP/ASA\_AP\_BPZPDK20090320\_210654\_000000422077\_00258\_36885\_3413.N1 ...

ANALYSIS COMPLETED: 2 AP browse products to see...
\*\*\*\*\*

\*\*\*\*\*
Scanning directory /nas3/ENVISAT/ASAR//ASA\_IM\_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_IM\_BP/JPG/20090320/

- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_100935\_000000532077\_00251\_36878\_1214.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_113505\_000000832077\_00252\_36879\_1238.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_141841\_000000372077\_00254\_36881\_1295.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_155511\_000000392077\_00255\_36882\_1367.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_162058\_000001092077\_00255\_36882\_1397.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_163615\_000000432077\_00255\_36882\_1369.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_173951\_000000882077\_00256\_36883\_1400.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_180050\_000000392077\_00256\_36883\_1410.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_180555\_000000522077\_00256\_36883\_1414.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_180741\_000003562077\_00256\_36883\_1438.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_191449\_000001302077\_00257\_36884\_1461.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_194045\_000001122077\_00257\_36884\_1463.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_IM\_BP/ASA\_IM\_BPZPDE20090320\_210530\_000000422077\_00258\_36885\_1577.N1 ...

ANALYSIS COMPLETED: 13 IM browse products to see...
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Scanning directory /nas3/ENVISAT/ASAR//ASA\_WS\_BP...





Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_WS\_BP/JPG/20090320/

Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_094609\_000000922077\_00251\_36878\_1207.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_102045\_000002992077\_00251\_36878\_1232.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_102506\_000001592077\_00251\_36878\_1287.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_102620\_000000842077\_00251\_36878\_1268.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_110326\_000003732077\_00252\_36879\_1285.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_110326\_000003972077\_00252\_36879\_1289.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_115921\_000002082077\_00252\_36879\_1276.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_140707\_000001892077\_00253\_36880\_1333.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_144126\_000002142077\_00254\_36881\_1339.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_144653\_000000912077\_00254\_36881\_1335.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_155122\_000002132077\_00254\_36881\_1412.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_155431\_000000242077\_00254\_36881\_1389.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_155714\_000002512077\_00255\_36882\_1345.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_160609\_000000912077\_00255\_36882\_1337.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_161910\_000001092077\_00255\_36882\_1404.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_170209\_000001592077\_00255\_36882\_1406.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_170837\_000000732077\_00255\_36882\_1359.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_170837\_000002072077\_00255\_36882\_1408.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_171051\_000000732077\_00255\_36882\_1402.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_190629\_000001702077\_00256\_36883\_1442.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_191744\_000001092077\_00257\_36884\_1440.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_202915\_000001902077\_00257\_36884\_1489.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_202915\_000003672077\_00257\_36884\_1569.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_204206\_000002132077\_00257\_36884\_1487.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_204720\_000001532077\_00257\_36884\_1485.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_212159\_000001892077\_00258\_36885\_1746.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_212413\_000000552077\_00258\_36885\_1583.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_220905\_000001892077\_00258\_36885\_1612.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_220905\_000003112077\_00258\_36885\_1648.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_221315\_000000612077\_00258\_36885\_1593.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_223903\_000002372077\_00259\_36886\_1720.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_224016\_000000612077\_00259\_36886\_1597.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_224212\_000000482077\_00259\_36886\_1601.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_225704\_000000972077\_00259\_36886\_1748.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_230445\_000001902077\_00259\_36886\_1753.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_232403\_000002682077\_00259\_36886\_1761.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_234300\_000000732077\_00259\_36886\_1732.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20090320\_235301\_000001212077\_00259\_36886\_1734.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDK20090320\_193114\_000004352077\_00257\_36884\_3323.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDK20090320\_210803\_000002202077\_00258\_36885\_3444.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDK20090320\_211211\_000003482077\_00258\_36885\_3446.N1 ...

ANALYSIS COMPLETED: 41 WS browse products to see...
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BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/090320/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

#####





# ASAR Daily Report



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_1PNPDE20090320_044827_000000432077_00248_36875_0812.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20090320_141314_000000882077_00254_36881_1322.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDK20090320_210654_000000422077_00258_36885_3412.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_1PNPDE20090320_000015_000003562077_00245_36872_0231.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_001843_000003502077_00245_36872_0247.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_004302_000001202077_00245_36872_0370.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_010724_000011772077_00246_36873_0475.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_014212_000002472077_00246_36873_0375.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_015509_000007792077_00246_36873_0404.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_021646_000007792077_00246_36873_0535.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_023955_000001632077_00247_36874_0533.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_024415_000001872077_00247_36874_0531.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_024839_000003622077_00247_36874_0526.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_025714_000004102077_00247_36874_0546.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_033545_000007792077_00247_36874_0816.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_035113_000002532077_00247_36874_0923.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_041058_000001082077_00248_36875_0821.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_041523_000006342077_00248_36875_0823.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_042932_000006822077_00248_36875_0925.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_044930_000003202077_00248_36875_0841.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_051931_000003802077_00248_36875_1052.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_055800_000005372077_00249_36876_1054.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_060941_000003202077_00249_36876_1068.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_062126_000005432077_00249_36876_1050.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_063454_000001752077_00249_36876_1080.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_211801_000002352077_00258_36885_1492.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_212530_000000962077_00258_36885_1490.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_220220_000003982077_00258_36885_1502.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_223504_000002352077_00259_36886_1616.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_225845_000003562077_00259_36886_1631.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_233013_000002112077_00259_36886_1629.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_233348_000001082077_00259_36886_1627.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20090320_234434_000005012077_00259_36886_1644.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_065657_000007792077_00249_36876_2162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_074547_000006402077_00250_36877_2182.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_081627_000006402077_00250_36877_2248.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_083732_000007792077_00250_36877_2255.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_092646_000004342077_00251_36878_2257.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_095045_000004532077_00251_36878_2406.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_101808_000001502077_00251_36878_2408.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_102747_000001992077_00251_36878_2412.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_111009_000001932077_00252_36879_2432.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_120255_000005252077_00252_36879_2558.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_124245_000004342077_00253_36880_2553.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_125220_000003082077_00253_36880_2624.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_125629_000002652077_00253_36880_2676.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_131918_000006522077_00253_36880_2678.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_133012_000003742077_00253_36880_2680.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_133920_000007792077_00253_36880_2688.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_140137_000003082077_00253_36880_2690.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_141722_000000782077_00254_36881_2695.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_141929_000006702077_00254_36881_2700.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_144501_000001082077_00254_36881_2816.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_144830_000000902077_00254_36881_2818.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_145815_000003322077_00254_36881_2823.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_151956_000007792077_00254_36881_2828.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_160146_000002592077_00255_36882_2830.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_160743_000000842077_00255_36882_2832.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_162258_000007972077_00255_36882_2940.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_170032_000000902077_00255_36882_2938.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_170455_000002172077_00255_36882_2936.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_171211_000000782077_00255_36882_2947.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_173835_000000782077_00256_36883_2945.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_174130_000004472077_00256_36883_2949.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_175902_000001082077_00256_36883_3181.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_180140_000002532077_00256_36883_3183.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_184108_000007792077_00256_36883_3196.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20090320_191255_000001142077_00257_36884_3194.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_191939_000003982077_00257_36884_3206.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_193847_000001202077_00257_36884_3324.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_194249_000002292077_00257_36884_3326.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_202144_000004472077_00257_36884_3333.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_204541_000000962077_00257_36884_3331.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20090320_204954_000007612077_00257_36884_3340.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_1PNPDE20090320_012721_000000372077_00246_36873_0406.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_023906_000000372077_00247_36874_0605.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_040633_000000402077_00247_36874_0814.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_044053_000003032077_00248_36875_0971.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_044053_000004192077_00248_36875_0998.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_052551_000001352077_00248_36875_1040.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_081436_000001012077_00250_36877_1192.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_100935_000000532077_00251_36878_1213.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_113505_000000832077_00252_36879_1237.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_141841_000000372077_00254_36881_1294.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_155511_000000392077_00255_36882_1366.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_162058_000001092077_00255_36882_1396.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_163615_000000432077_00255_36882_1368.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_173951_000000882077_00256_36883_1399.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_180050_000000392077_00256_36883_1409.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_180555_000000522077_00256_36883_1413.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_180741_000003562077_00256_36883_1437.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_191449_000001302077_00257_36884_1460.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_194045_000001122077_00257_36884_1462.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20090320_210530_000000422077_00258_36885_1576.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20090320_074356_000001002077_00250_36877_2219.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20090320_080150_000000822077_00250_36877_2227.N1 |         | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20090320_130052_000000832077_00253_36880_2657.N1 |         | OK      | OK      | OK      |

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

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20090320_001510_000002072077_00245_36872_0344.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_002437_000001712077_00245_36872_0361.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_010204_000001892077_00246_36873_0807.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_010204_000003112077_00246_36873_1012.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_010317_000000612077_00246_36873_0479.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_010513_000001212077_00246_36873_0508.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_013814_000001892077_00246_36873_0506.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_020920_000002142077_00246_36873_1145.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_021135_000000792077_00246_36873_0510.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_021135_000000792077_00246_36873_0937.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_021230_000000242077_00246_36873_0979.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_024240_000000922077_00247_36874_0623.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_024724_000000732077_00247_36874_0607.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_025446_000001342077_00247_36874_0689.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_030407_000003732077_00247_36874_0805.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_030407_000005512077_00247_36874_0959.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_031122_000000552077_00247_36874_0705.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_031348_000000922077_00247_36874_0639.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_042602_000001902077_00248_36875_1155.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_042716_000001152077_00248_36875_1026.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_051511_000000732077_00248_36875_0987.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_051511_000002502077_00248_36875_1173.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_055626_000000912077_00249_36876_1073.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_060659_000001592077_00249_36876_1143.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_063034_000002512077_00249_36876_1181.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_064453_000000732077_00249_36876_1157.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_064453_000003122077_00249_36876_1190.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_064708_000000552077_00249_36876_1161.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_064904_000000612077_00249_36876_1165.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_094609_000000922077_00251_36878_1206.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_102045_000002992077_00251_36878_1231.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_102506_000001592077_00251_36878_1286.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_102620_000000842077_00251_36878_1267.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_110326_000003732077_00252_36879_1284.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_110326_000003972077_00252_36879_1288.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_115921_000002082077_00252_36879_1275.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_140707_000001892077_00253_36880_1332.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_144126_000002142077_00254_36881_1338.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_144653_000000912077_00254_36881_1334.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_155122_000002132077_00254_36881_1411.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_155431_000000242077_00254_36881_1388.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_155714_000002512077_00255_36882_1344.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_160609_000000912077_00255_36882_1336.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_161910_000001092077_00255_36882_1403.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_170209_000001592077_00255_36882_1405.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_170837_000000732077_00255_36882_1358.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_170837_000002072077_00255_36882_1407.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_171051_000000732077_00255_36882_1401.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_190629_000001702077_00256_36883_1441.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_191744_000001092077_00257_36884_1439.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_202915_000001902077_00257_36884_1488.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_202915_000003672077_00257_36884_1568.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_204206_000002132077_00257_36884_1486.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_204720_000001532077_00257_36884_1484.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_212159_000001892077_00258_36885_1745.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_212413_000000552077_00258_36885_1582.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_220905_000001892077_00258_36885_1611.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_220905_000003112077_00258_36885_1647.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_221315_000000612077_00258_36885_1592.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_223903_000002372077_00259_36886_1719.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_224016_000000612077_00259_36886_1596.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_224212_000000482077_00259_36886_1600.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_225704_000000972077_00259_36886_1747.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_230445_000001902077_00259_36886_1752.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_WSM_1PNPDE20090320_232403_000002682077_00259_36886_1760.N1 | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_234300_000000732077_00259_36886_1731.N1 | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20090320_235301_000001212077_00259_36886_1733.N1 | OK | OK | OK | OK |

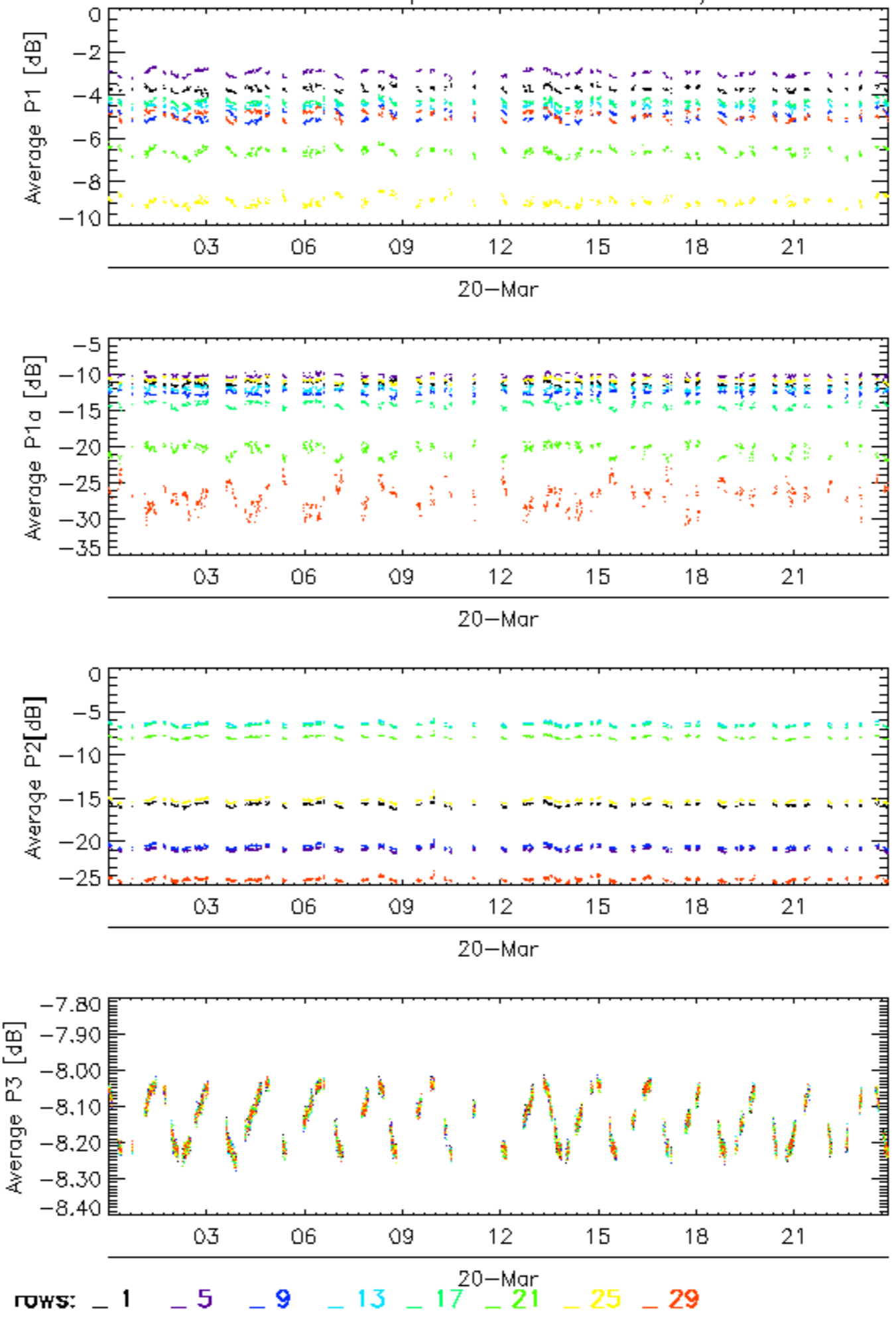




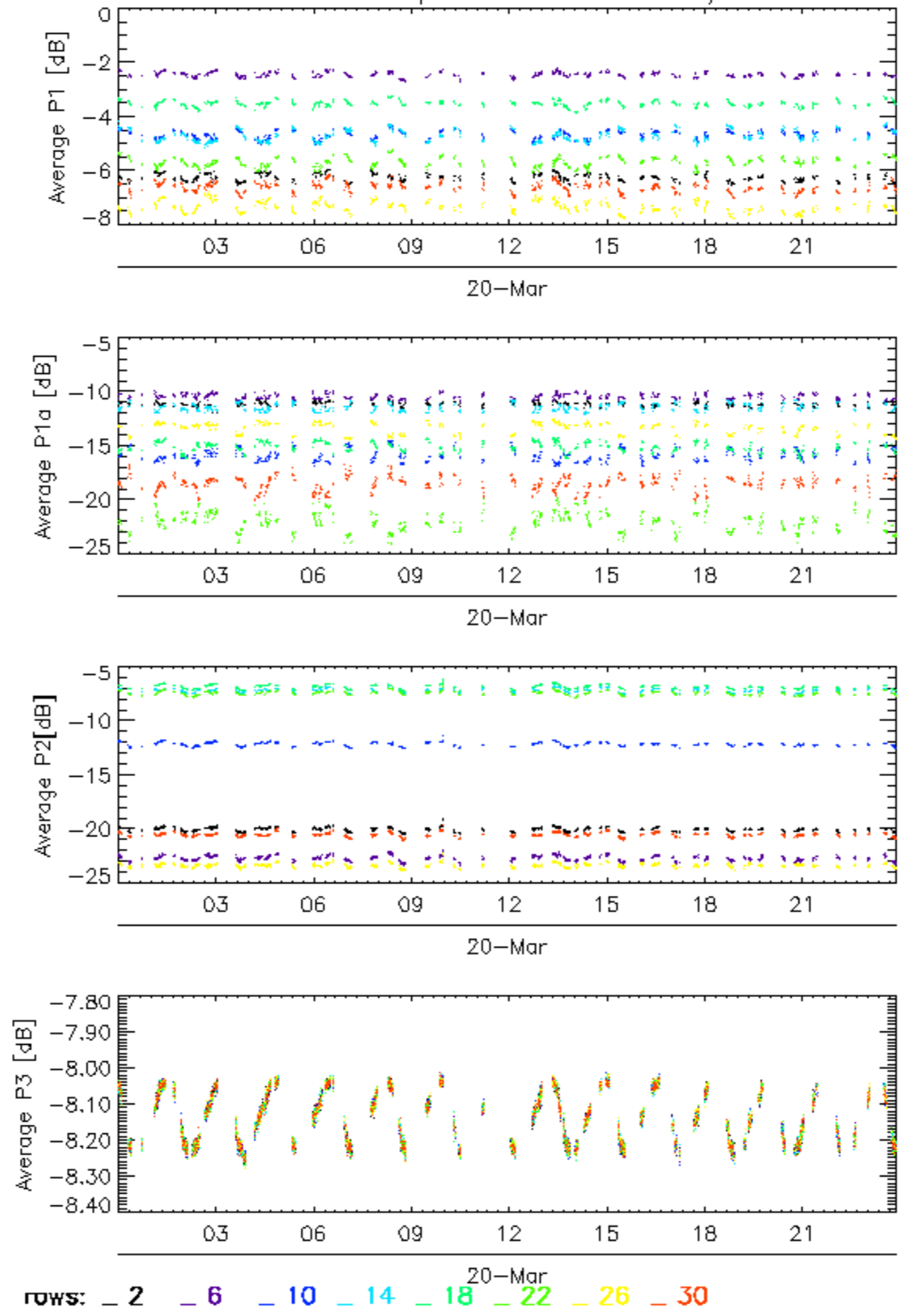
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20090320_000611_000004652077_00245_36872_0237.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_002730_000005102077_00245_36872_0240.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_003515_000004192077_00245_36872_0368.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_004507_000009742077_00245_36872_0373.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_012804_000005632077_00246_36873_0382.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_014619_000004802077_00246_36873_0385.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_021251_000001952077_00246_36873_0538.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_022946_000004492077_00247_36874_0529.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_031518_000006742077_00247_36874_0549.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_032617_000002852077_00247_36874_0810.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_034846_000001052077_00247_36874_0826.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_035527_000006292077_00247_36874_0829.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_040720_000001792077_00247_36874_0819.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_041246_000001192077_00248_36875_0832.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_045453_000008392077_00248_36875_0864.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_050838_000003452077_00248_36875_1071.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_052913_000015892077_00248_36875_1086.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_063752_000003742077_00249_36876_1083.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_212709_000020692077_00258_36885_1505.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_221549_000003752077_00258_36885_1500.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_222119_000007792077_00258_36885_1614.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_224259_000004192077_00259_36886_1619.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_230807_000009142077_00259_36886_1622.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_232833_000000592077_00259_36886_1625.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_233536_000003902077_00259_36886_1634.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20090320_235548_000004952077_00259_36886_1642.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_065004_000003752077_00249_36876_2160.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_070958_000019942077_00249_36876_2185.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_082709_000005852077_00250_36877_2253.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_085034_000020842077_00250_36877_2271.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_092534_000000302077_00250_36877_2274.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_095823_000006292077_00251_36878_2401.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_101033_000004052077_00251_36878_2404.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_103110_000018892077_00251_36878_2495.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_112732_000004192077_00252_36879_2545.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_113634_000012892077_00252_36879_2556.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_121146_000005102077_00252_36879_2551.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_122433_000000592077_00252_36879_2548.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_122837_000008072077_00252_36879_2621.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_130407_000008692077_00253_36880_2683.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_133631_000001202077_00253_36880_2686.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_135222_000005102077_00253_36880_2693.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_141012_000001492077_00253_36880_2698.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_145000_000004492077_00254_36881_2821.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_150347_000009302077_00254_36881_2826.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_153258_000010642077_00254_36881_2835.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_163716_000013492077_00255_36882_2943.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_171334_000014542077_00255_36882_2952.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_181345_000016042077_00256_36883_3186.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_185410_000001202077_00256_36883_3189.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_185929_000003752077_00256_36883_3192.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_190921_000001642077_00256_36883_3199.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_194642_000020542077_00257_36884_3329.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20090320_203524_000003602077_00257_36884_3343.N1 |         |         |         |         | OK | OK | OK | OK |

### Calibration pulses for GM1 SS3 H/H

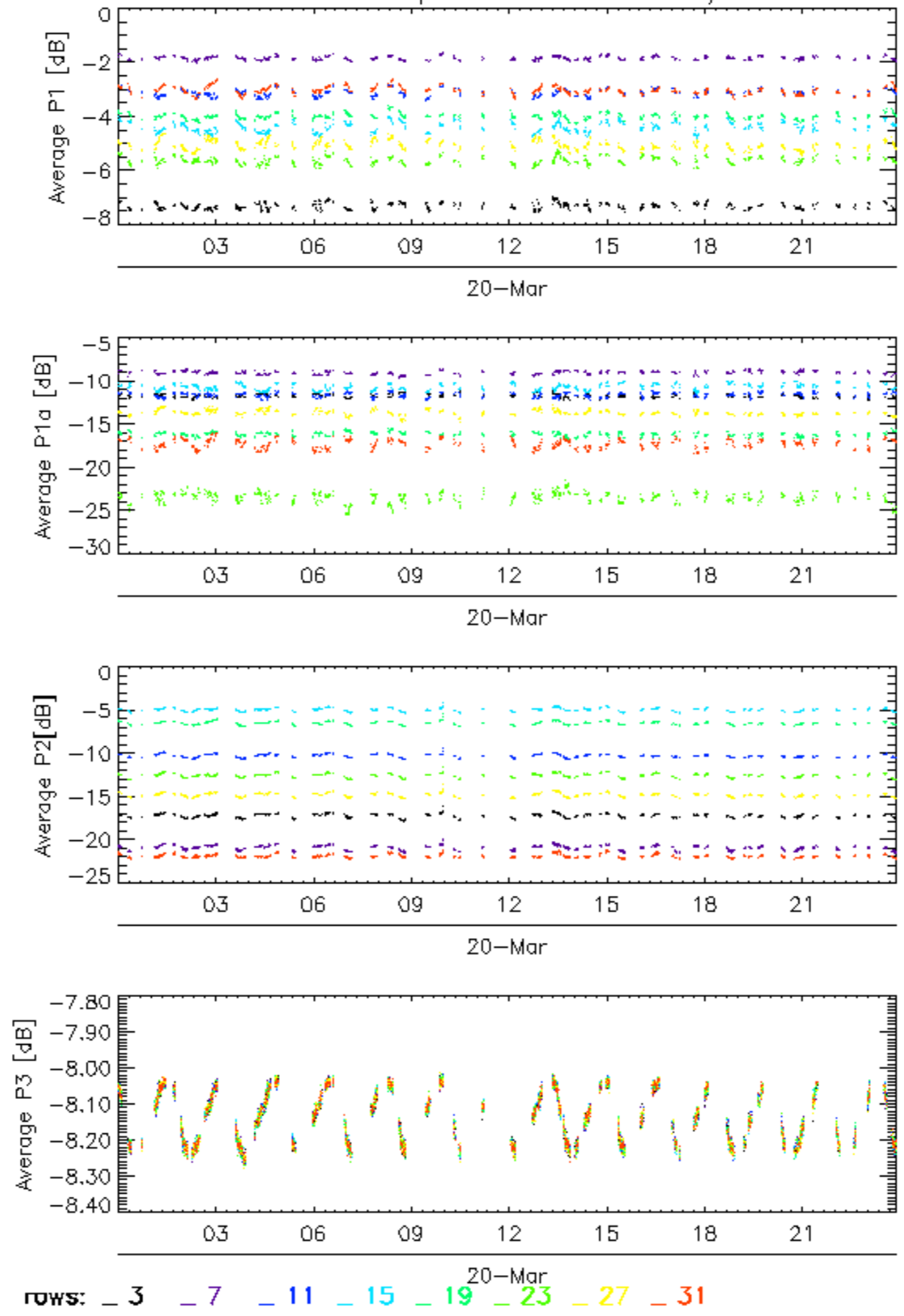


### Calibration pulses for GM1 SS3 H/H

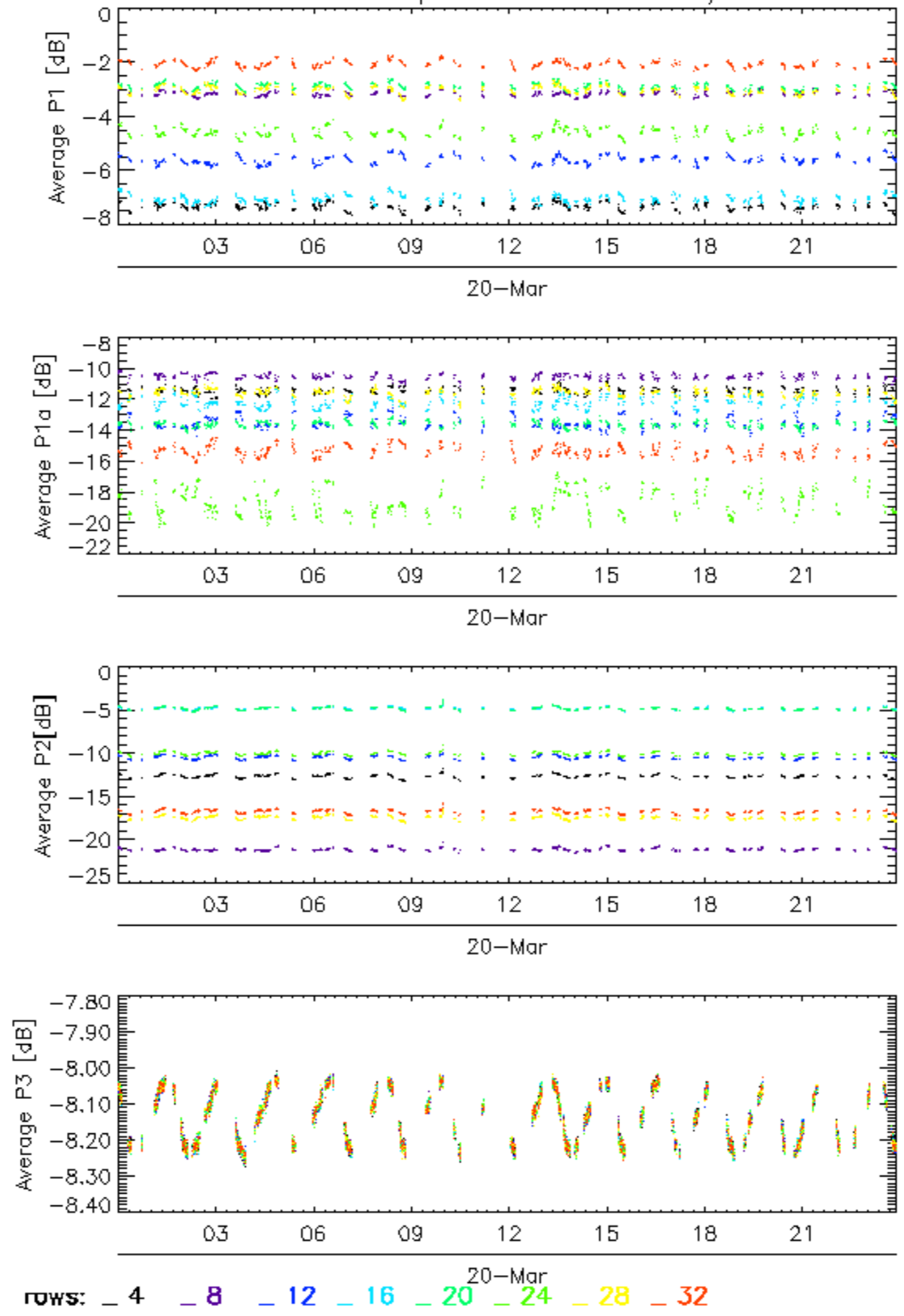




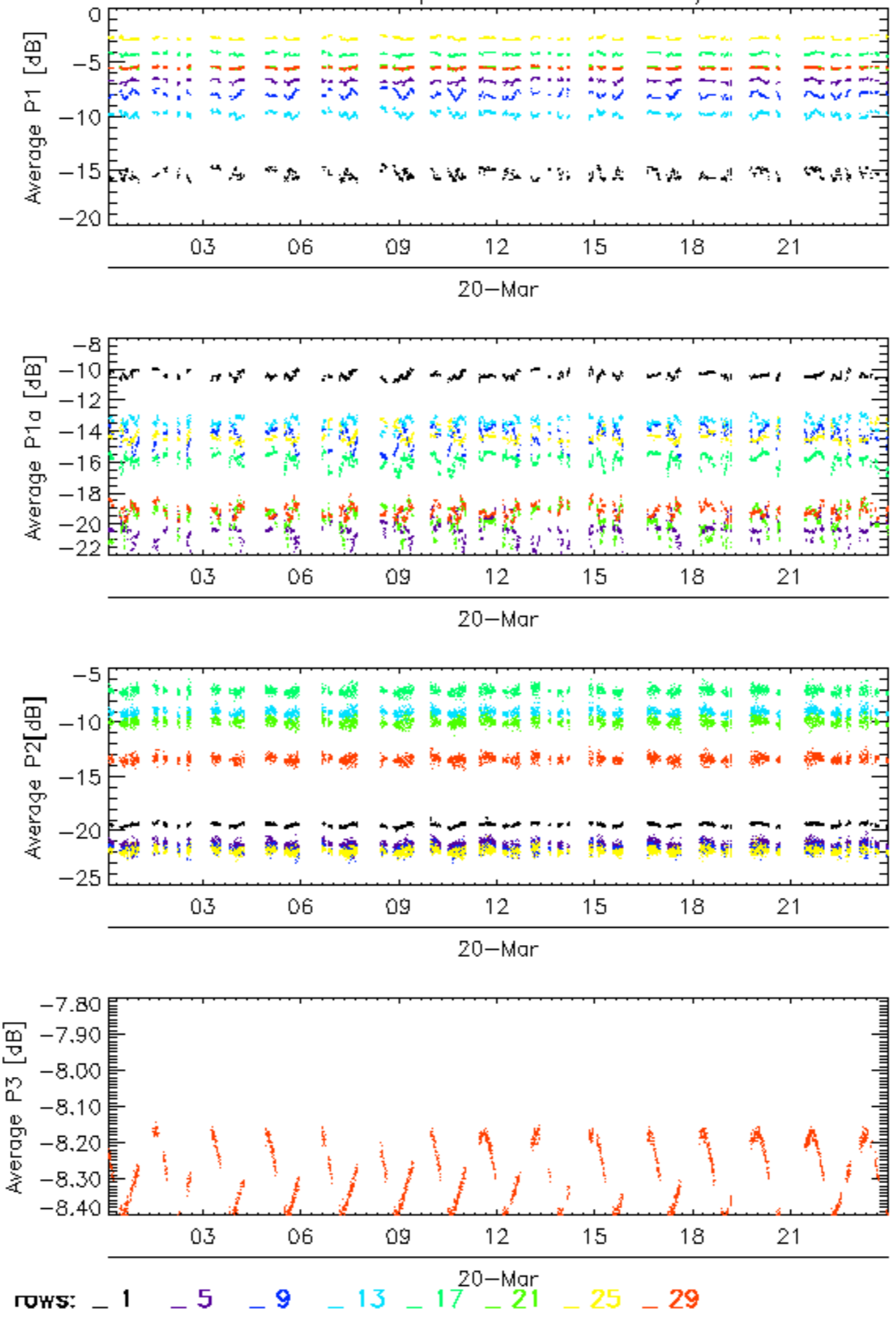
### Calibration pulses for GM1 SS3 H/H



### Calibration pulses for GM1 SS3 H/H

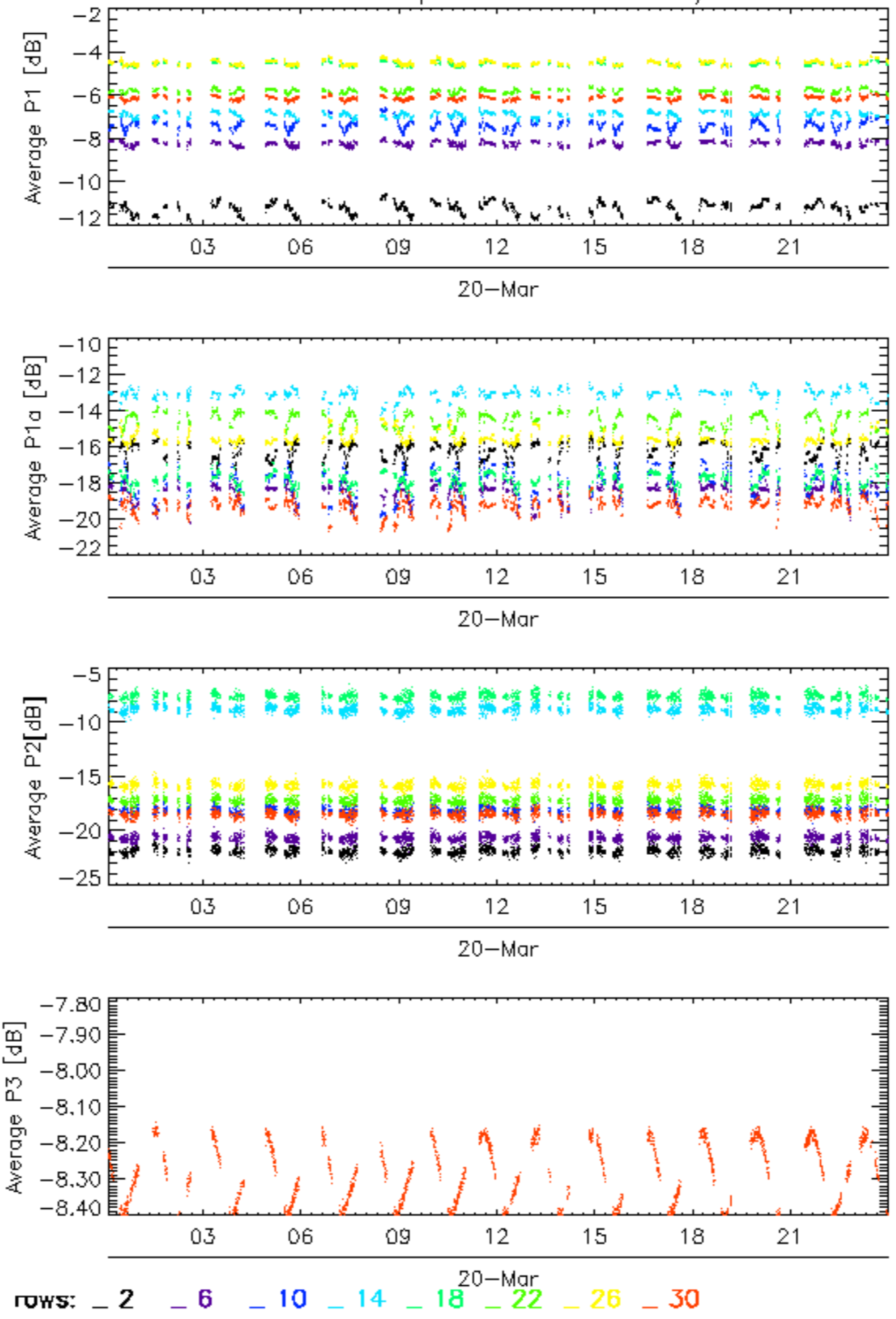


### Calibration pulses for WVS IS2 V/V

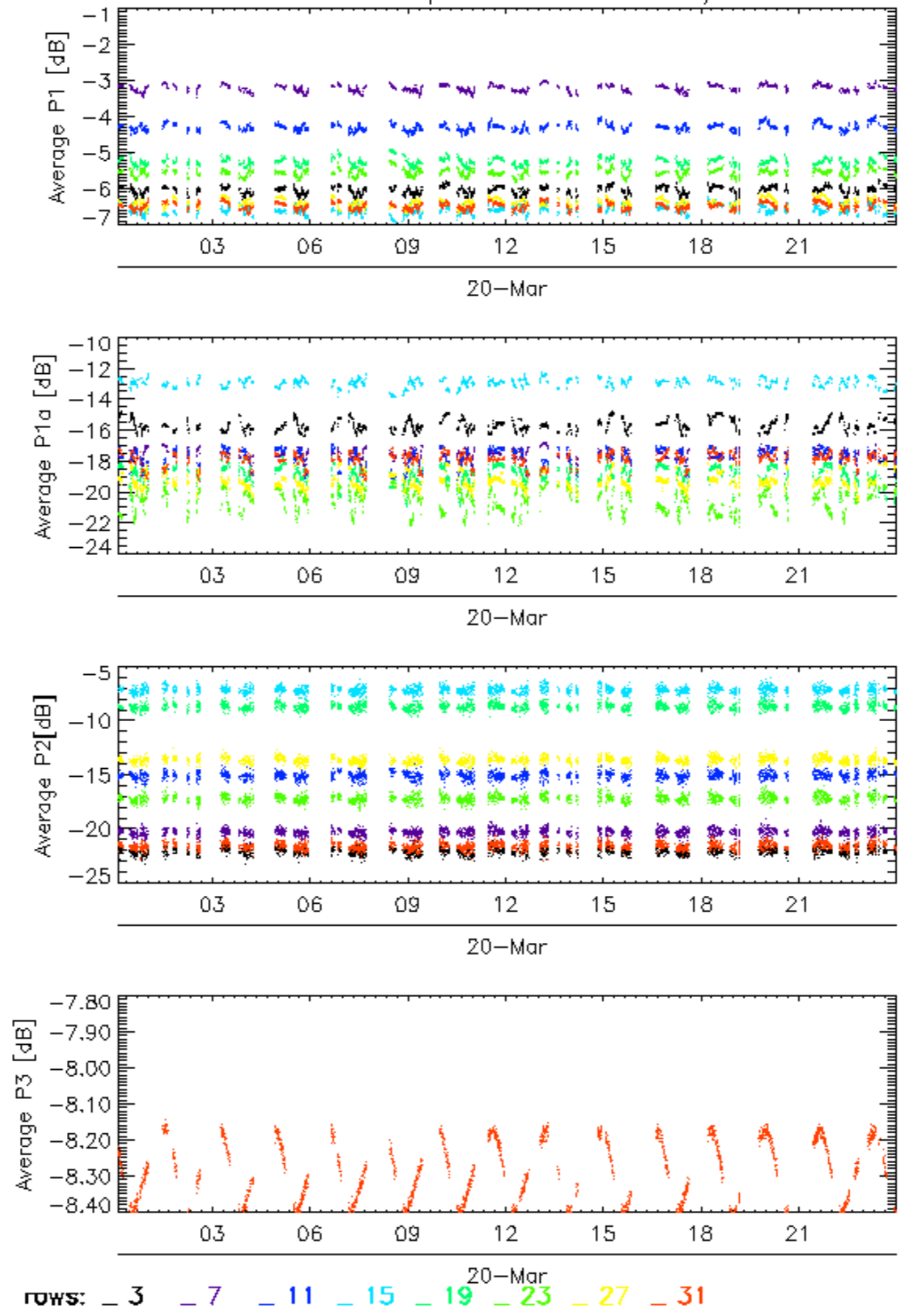




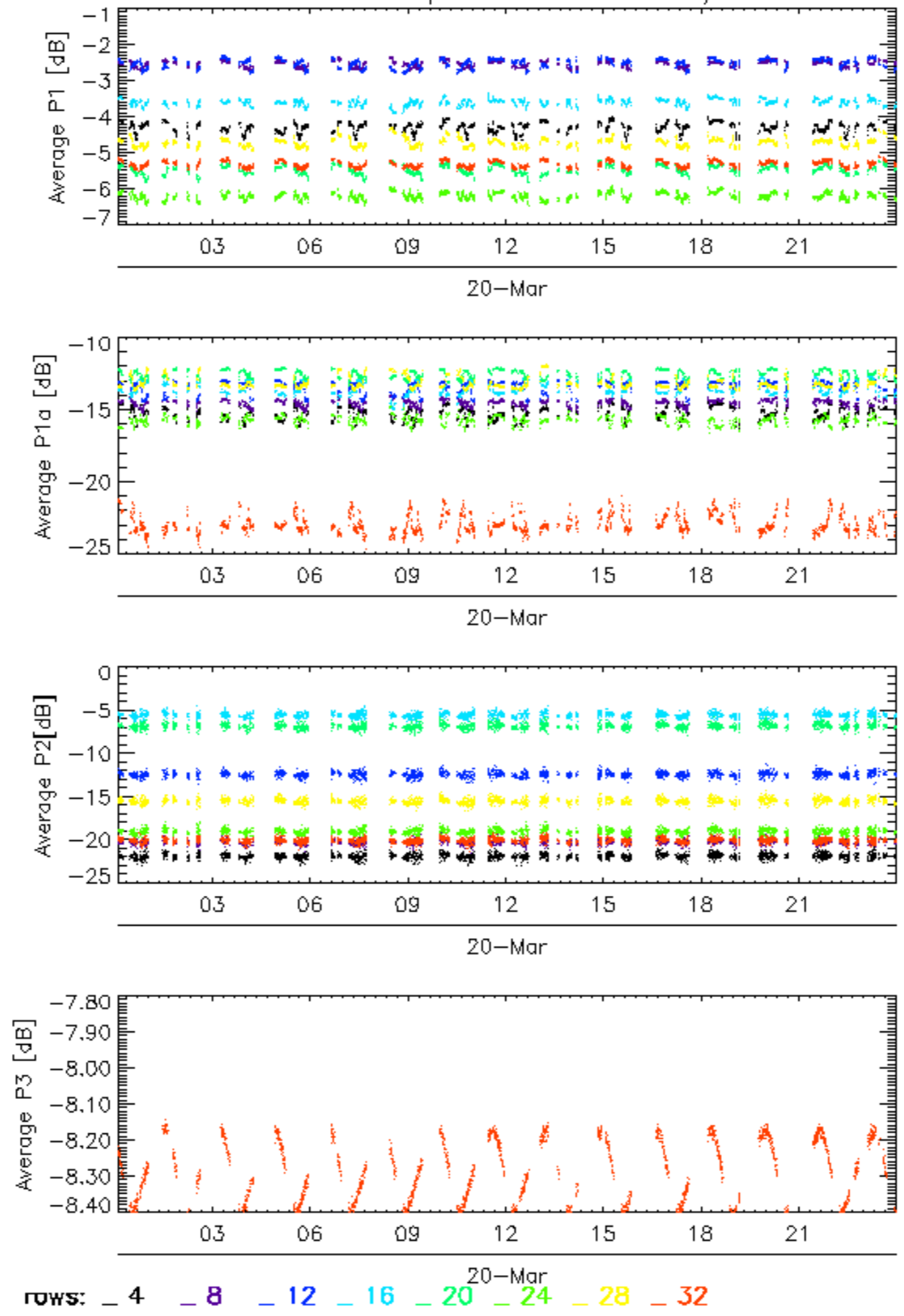
### Calibration pulses for WVS IS2 V/V



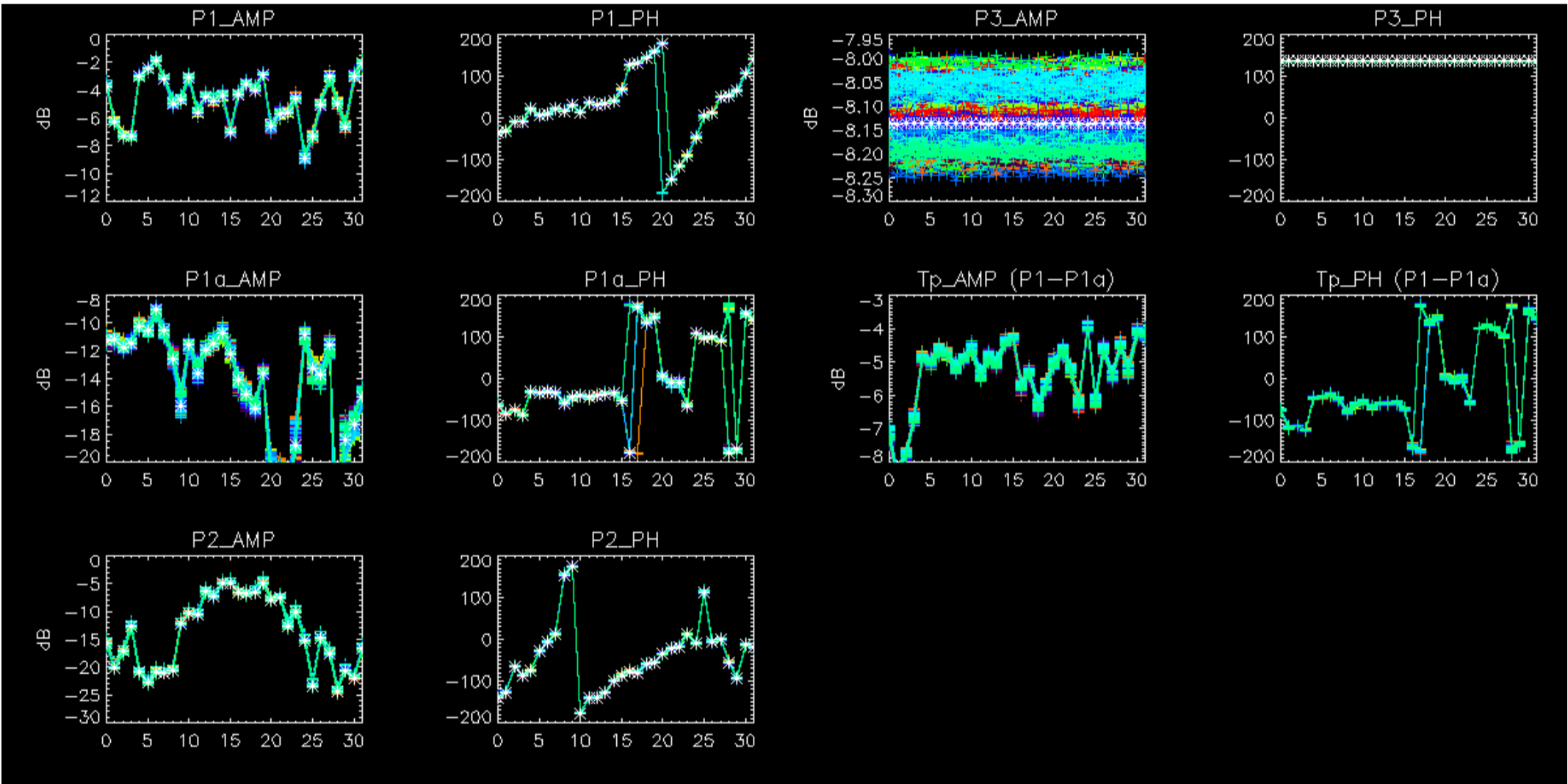
### Calibration pulses for WVS IS2 V/V

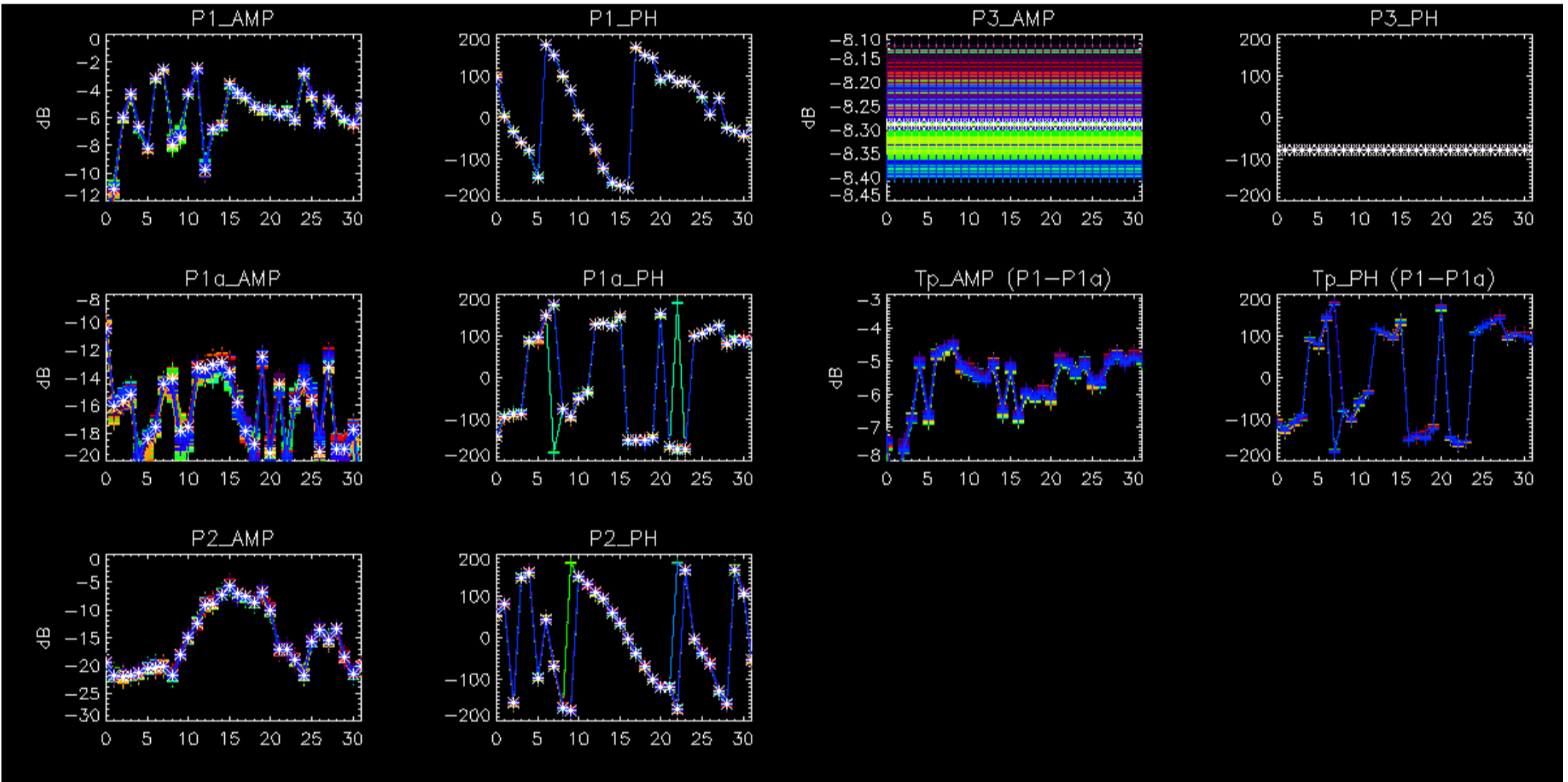


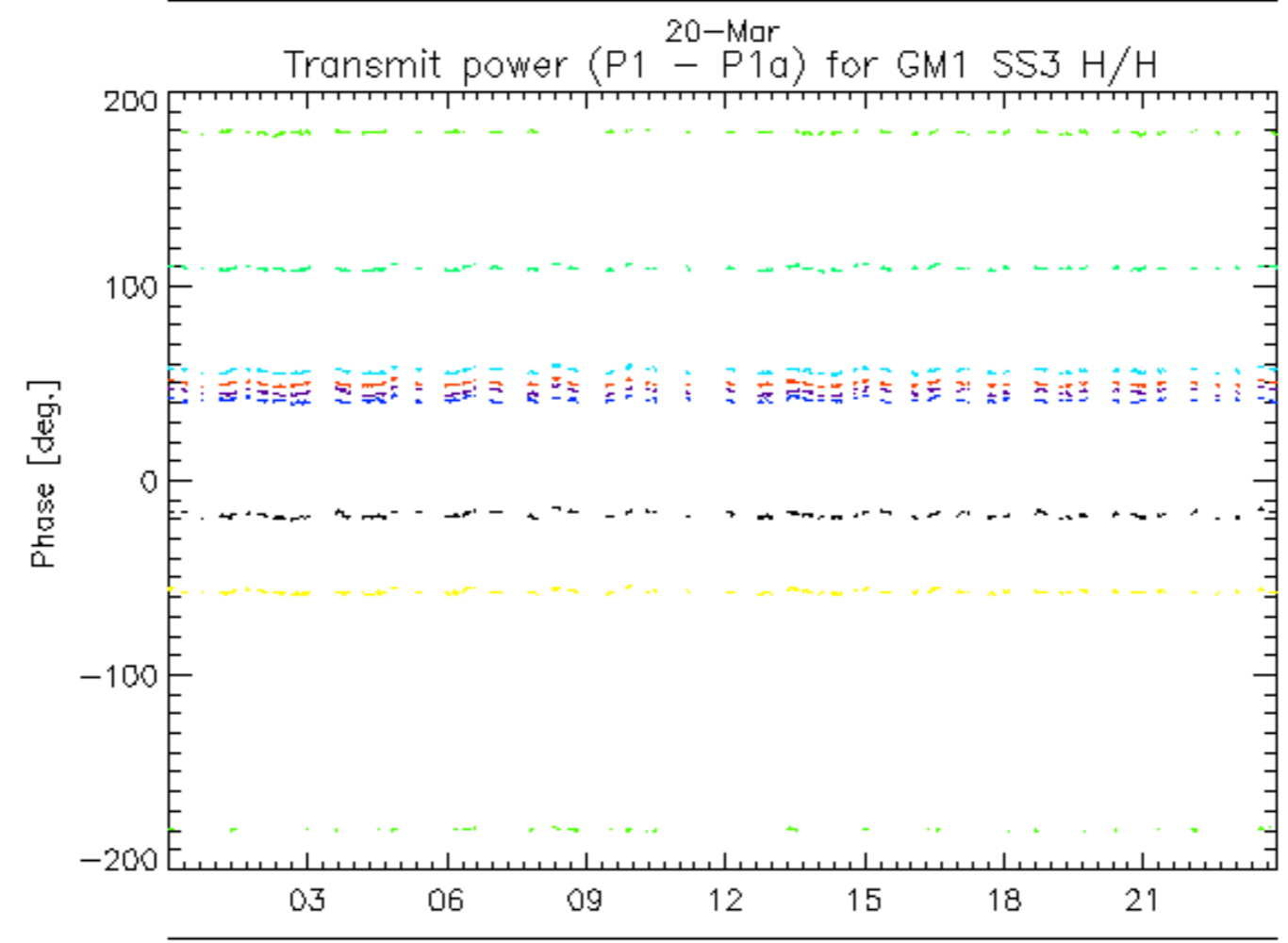
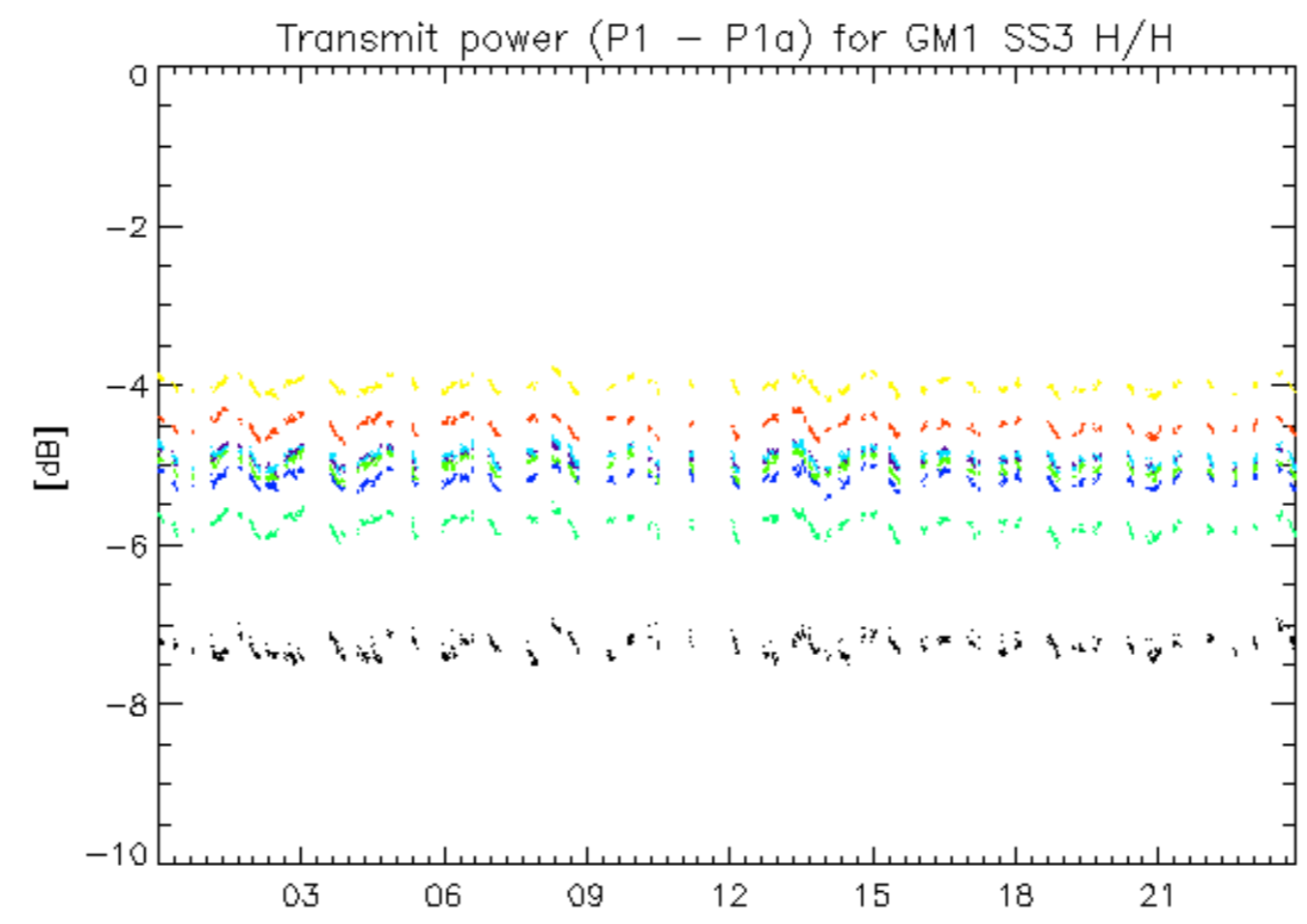
### Calibration pulses for WVS IS2 V/V





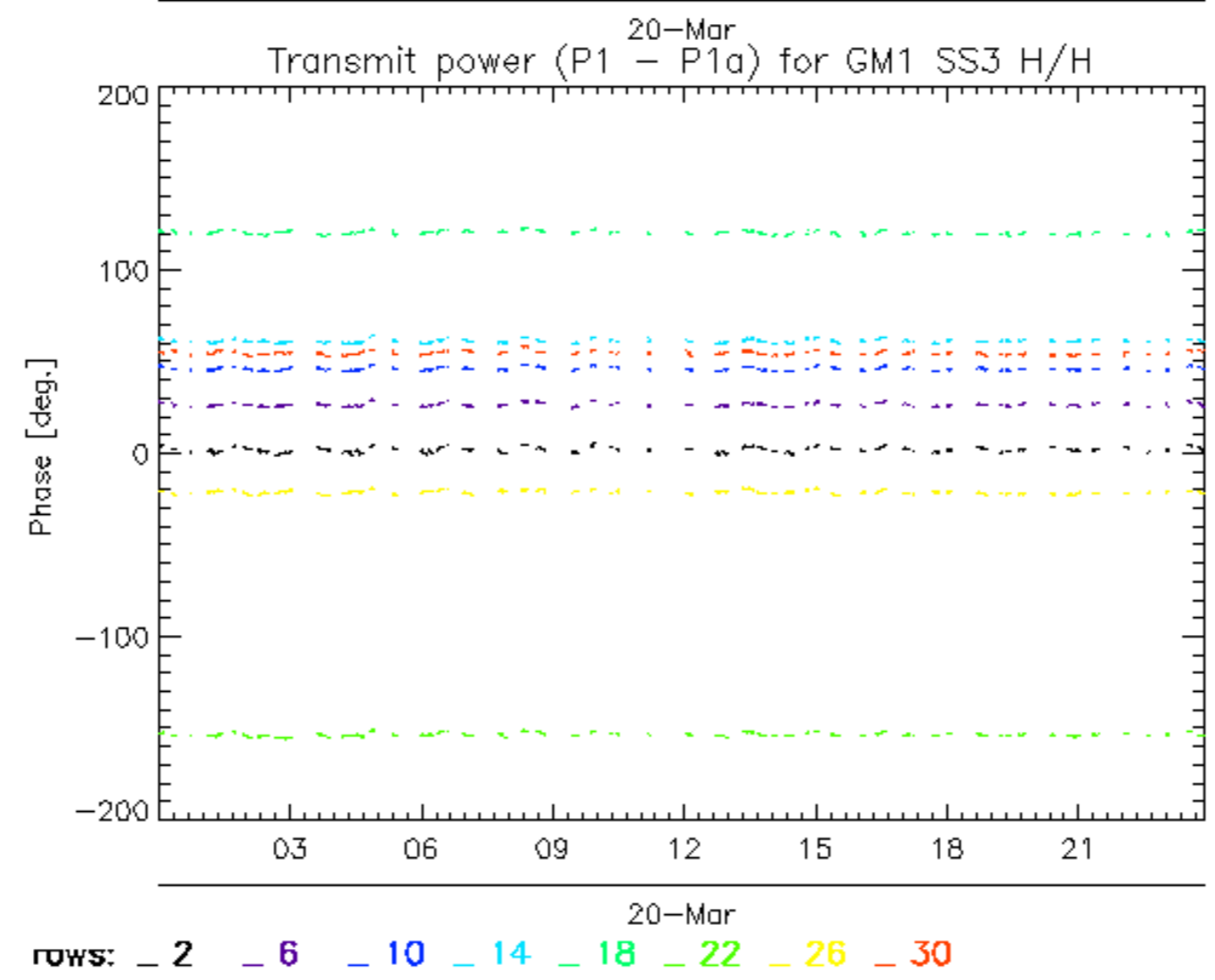
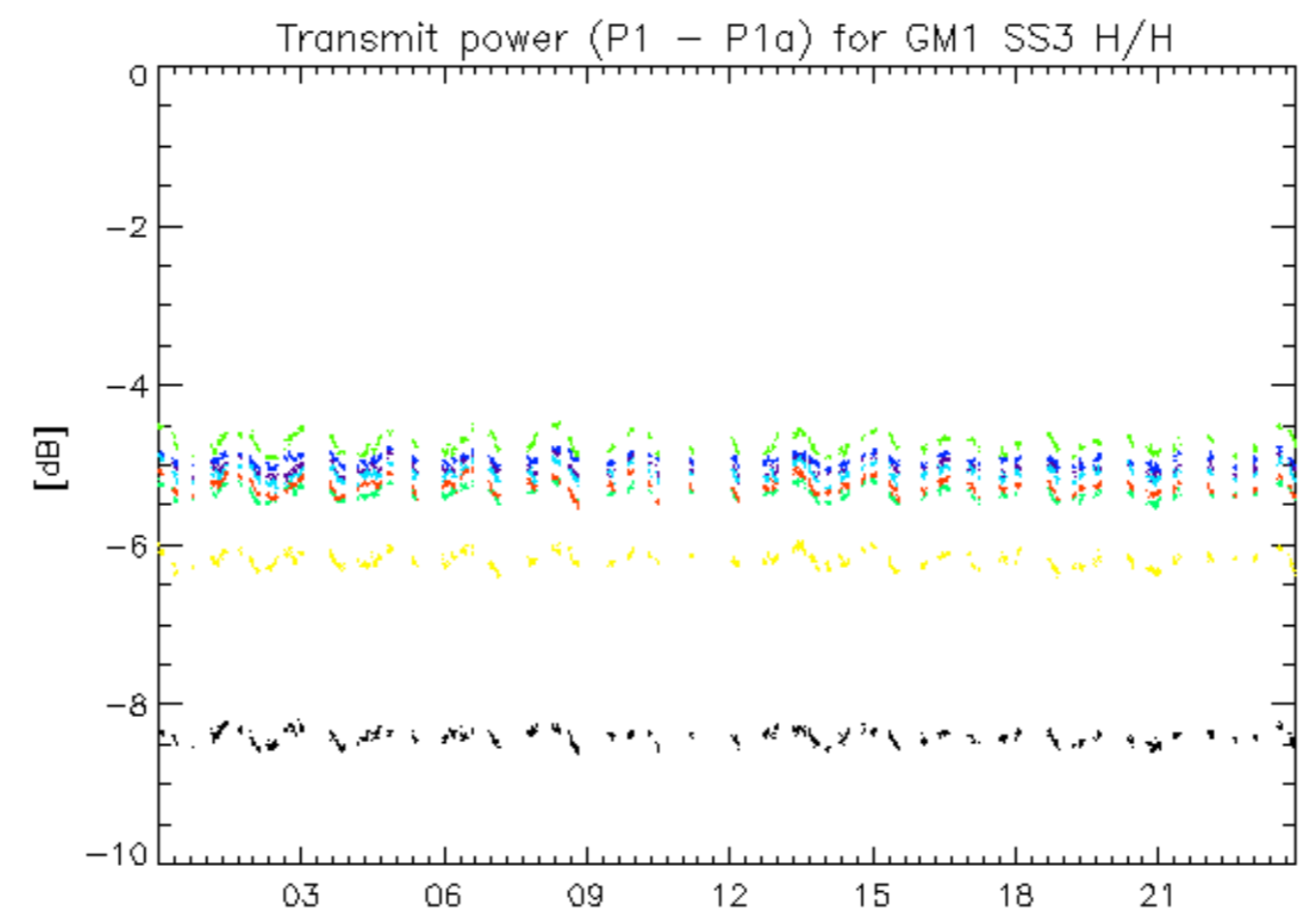


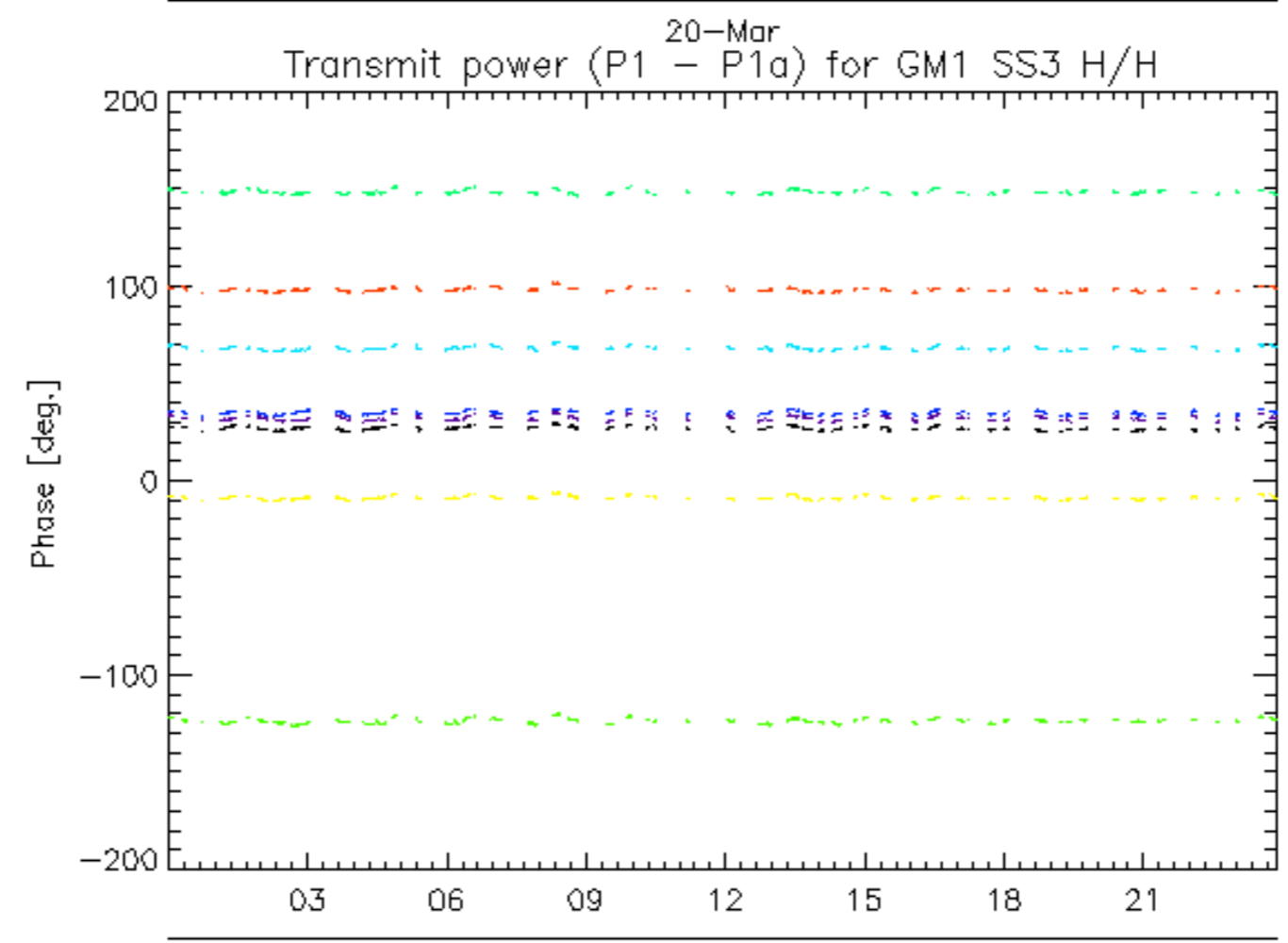
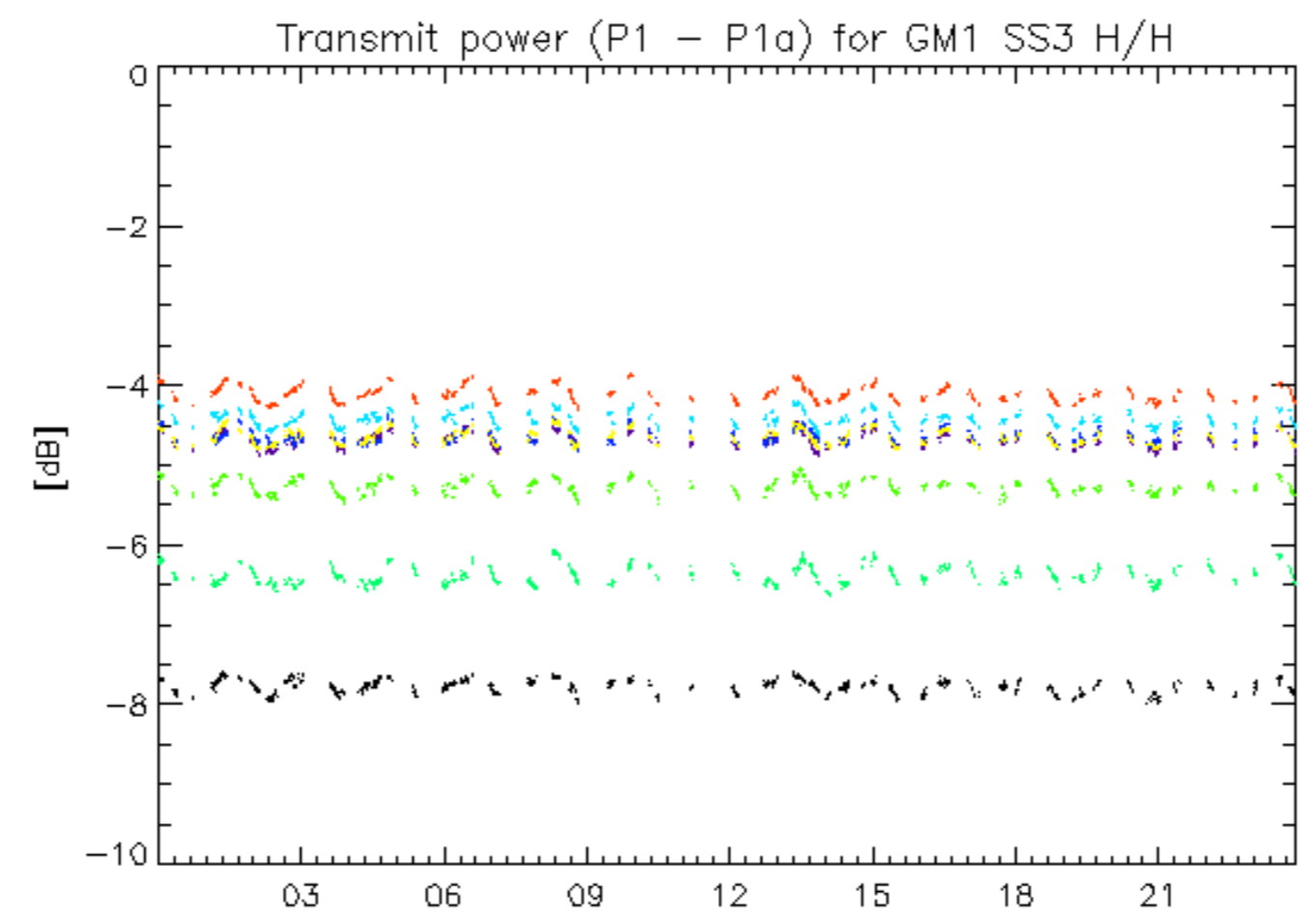




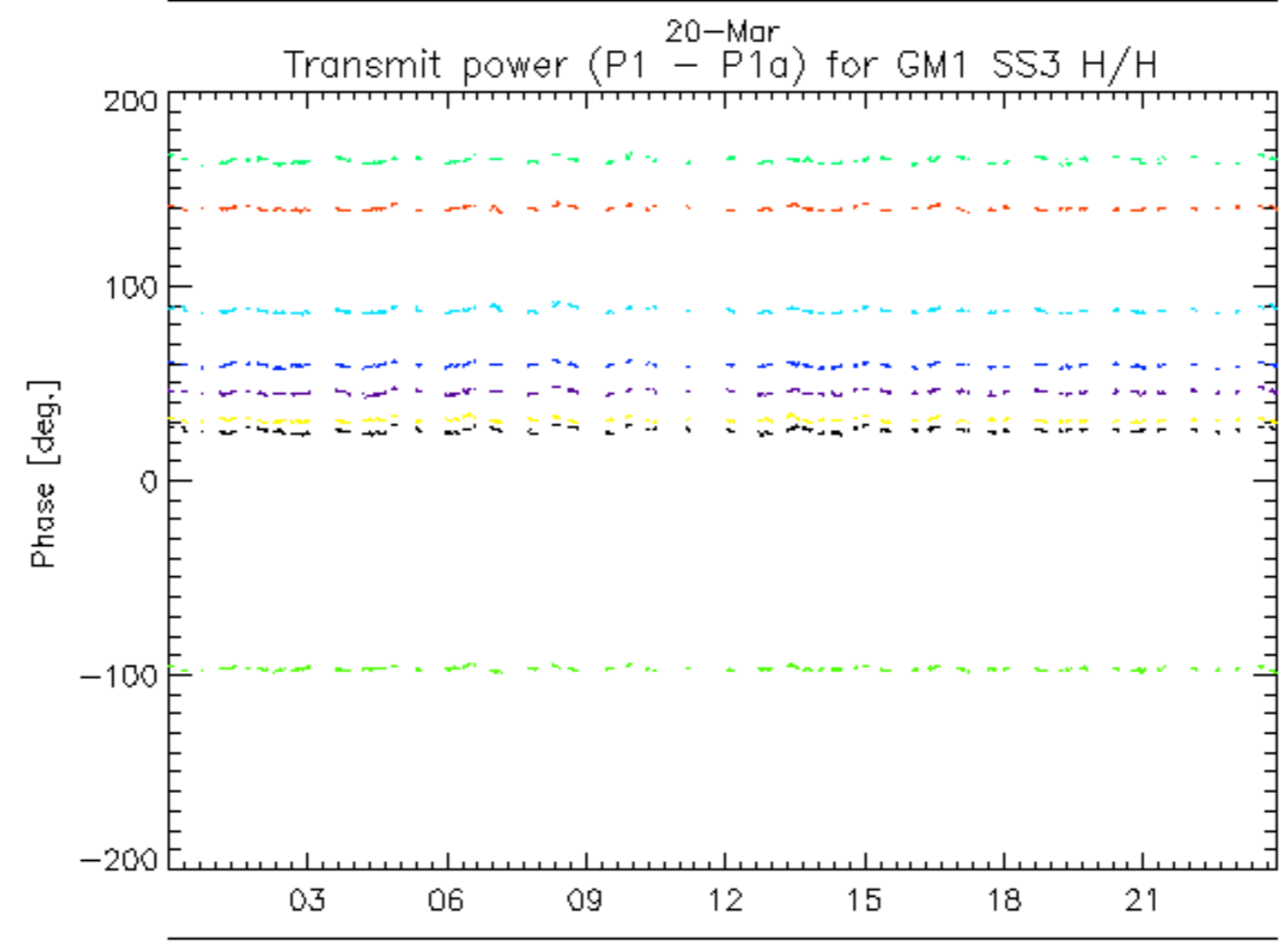
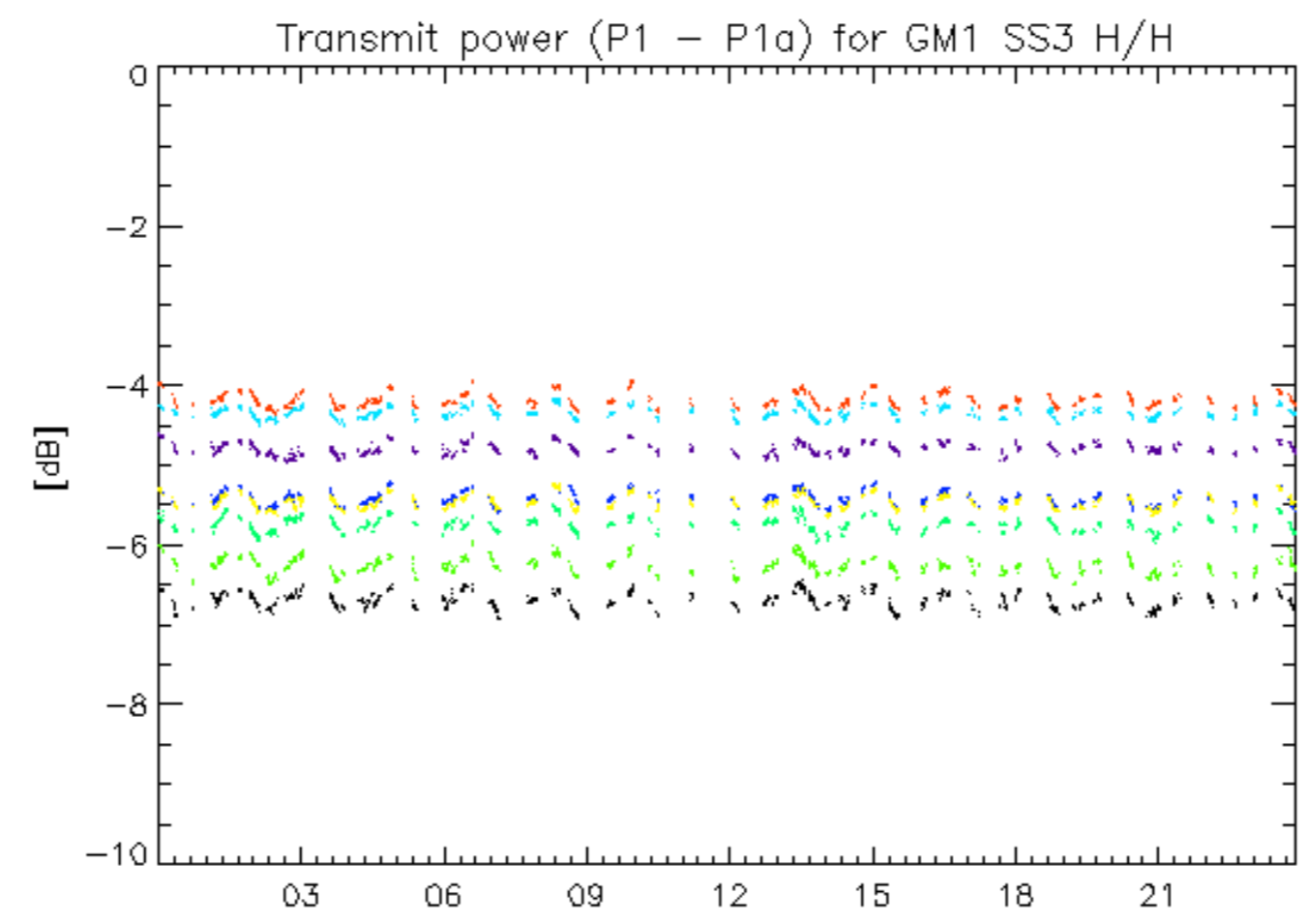
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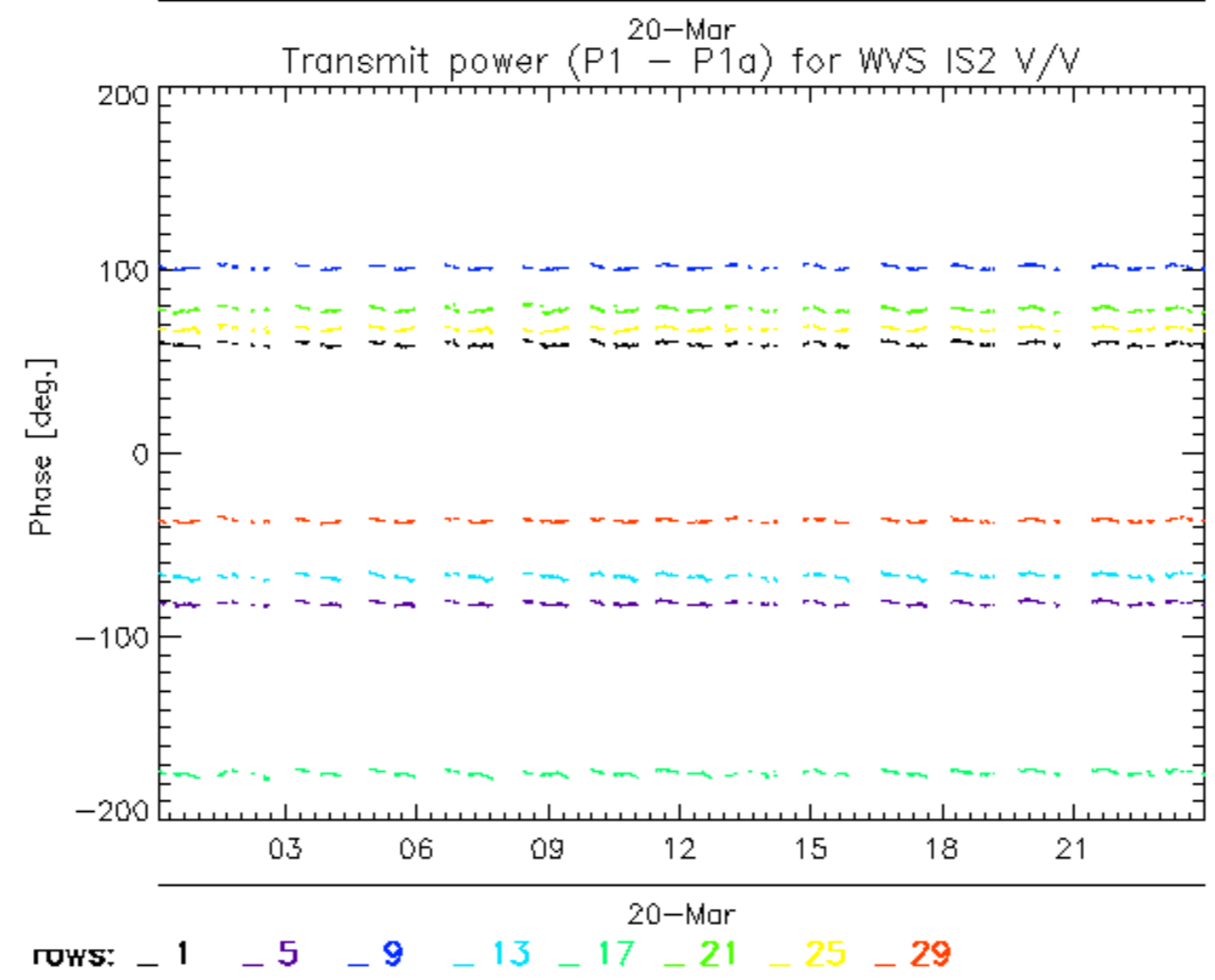
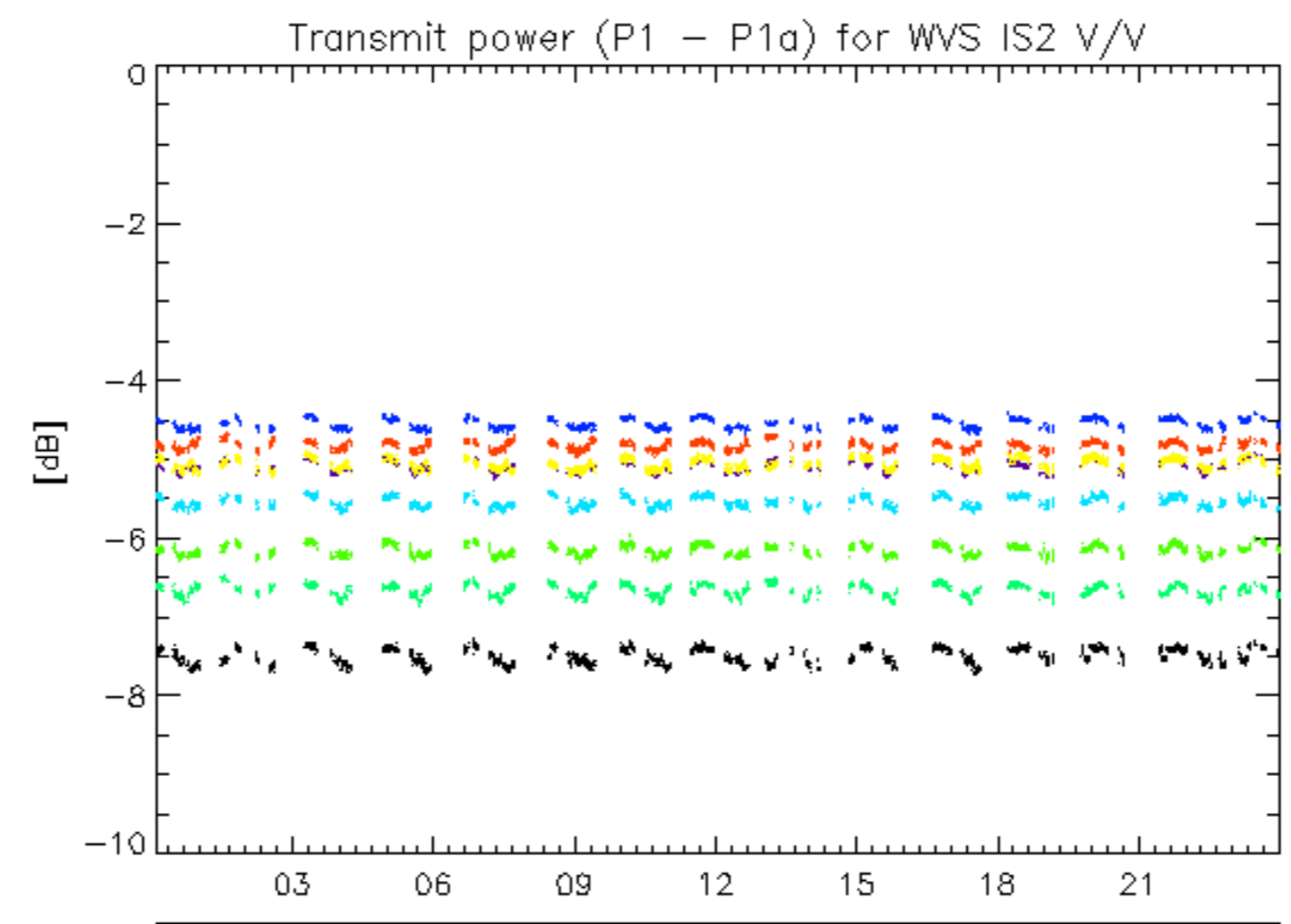


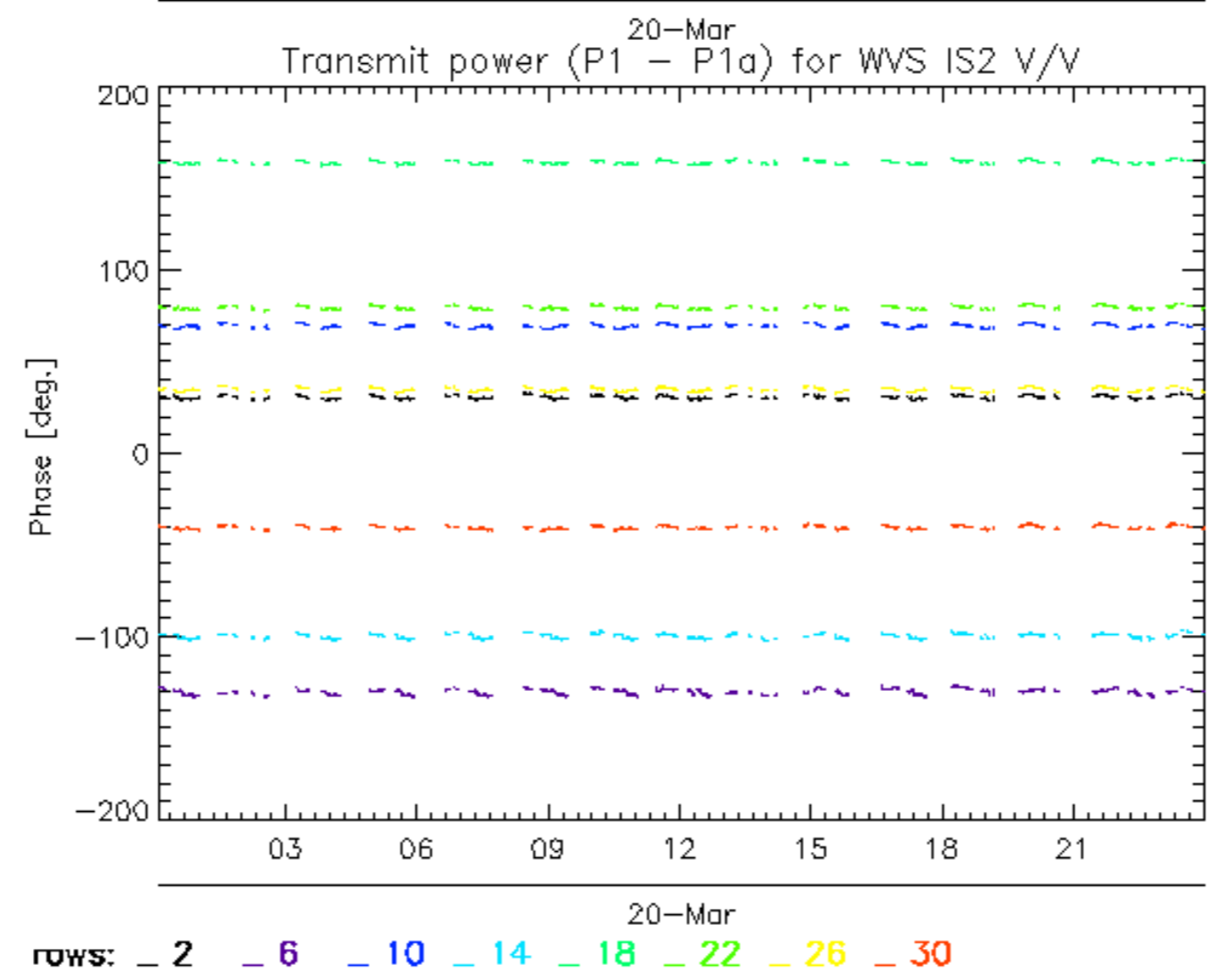
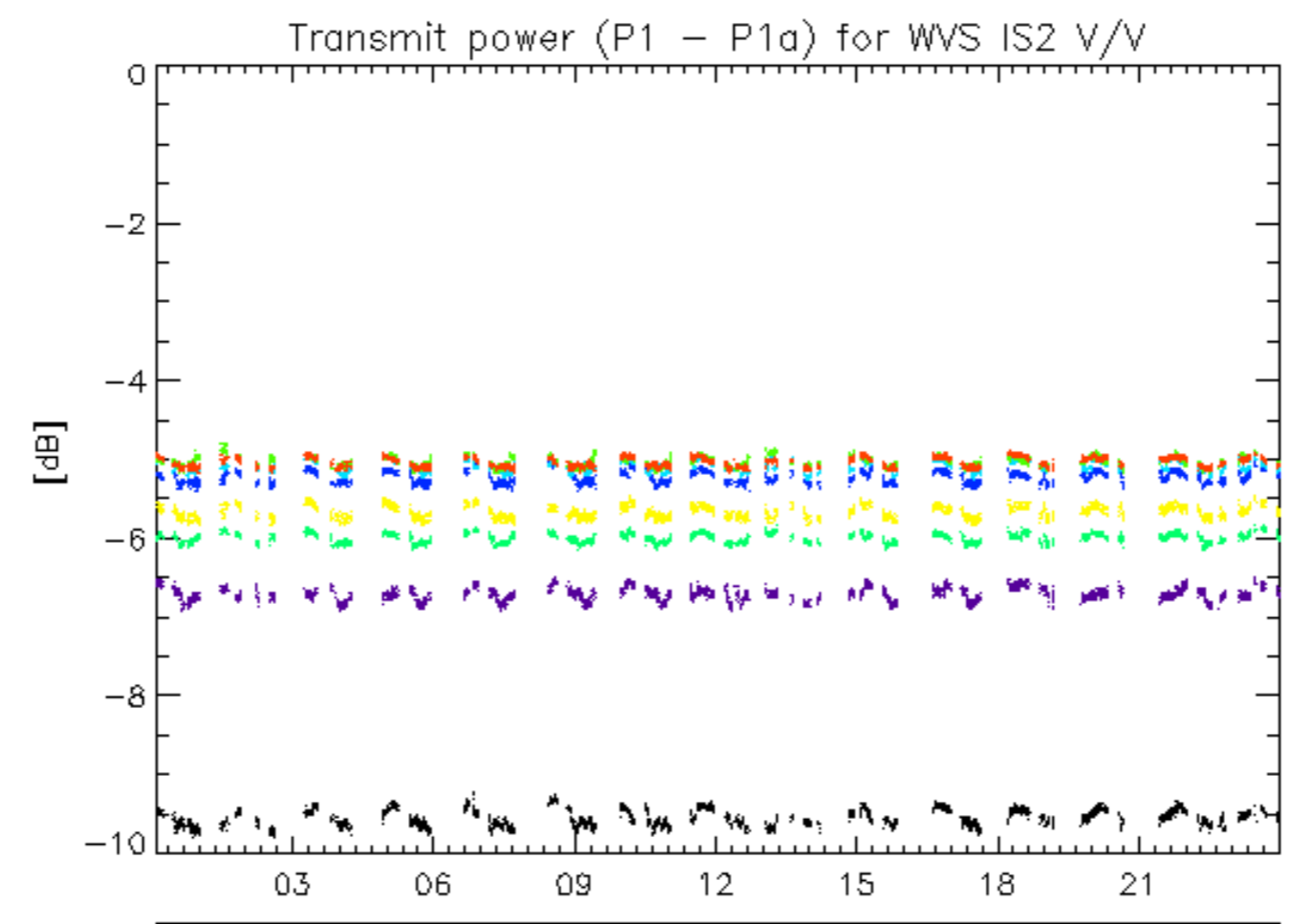
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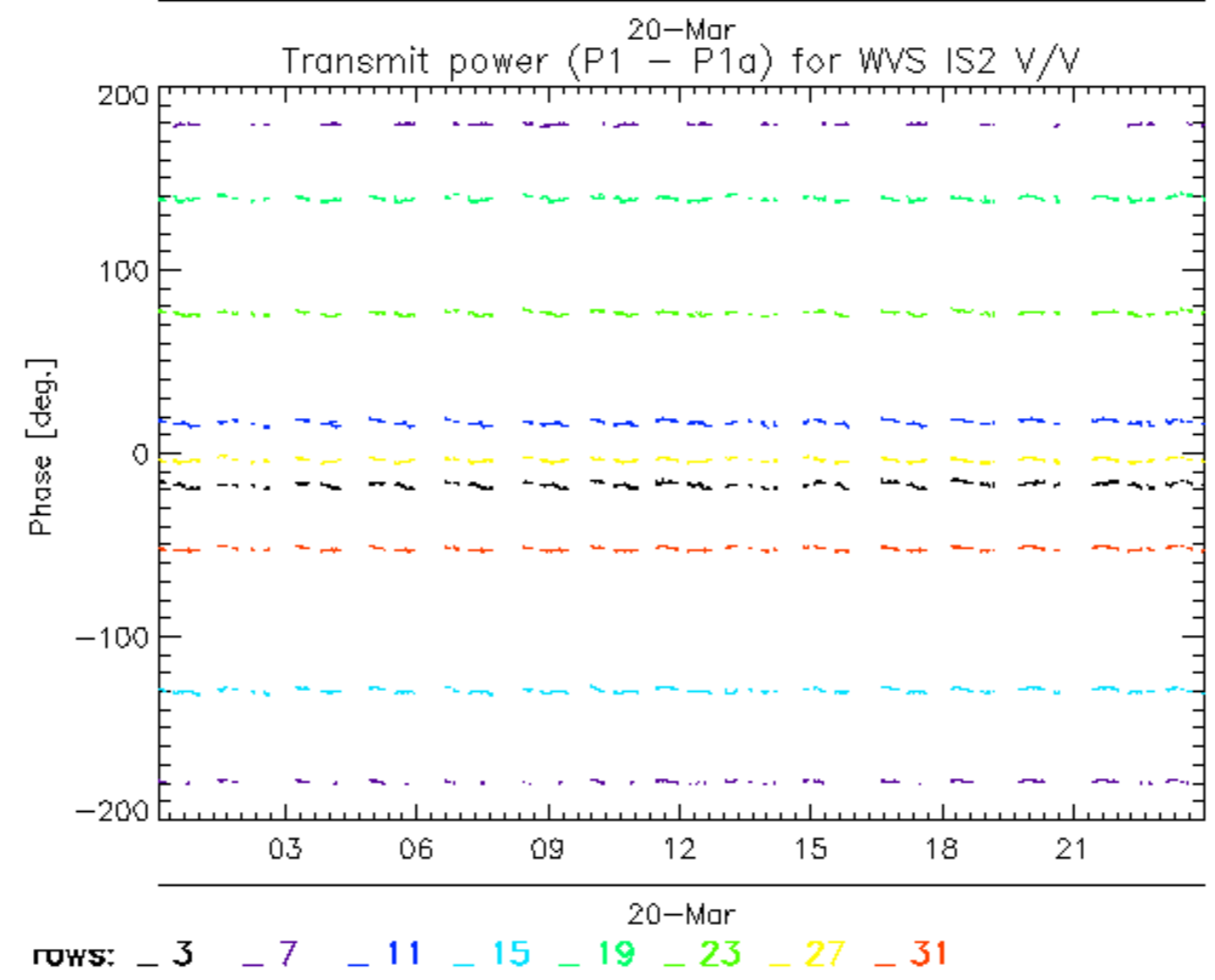
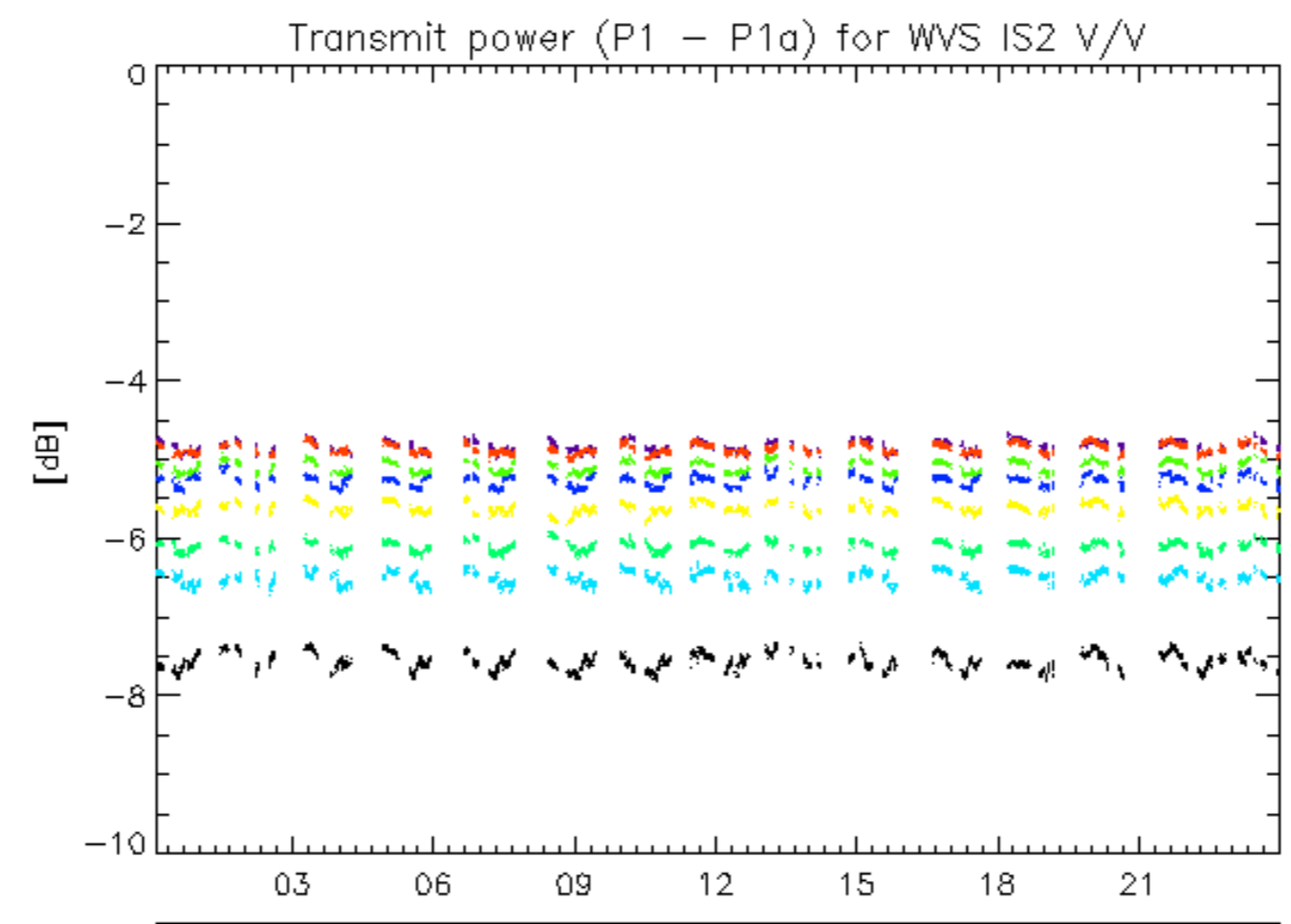


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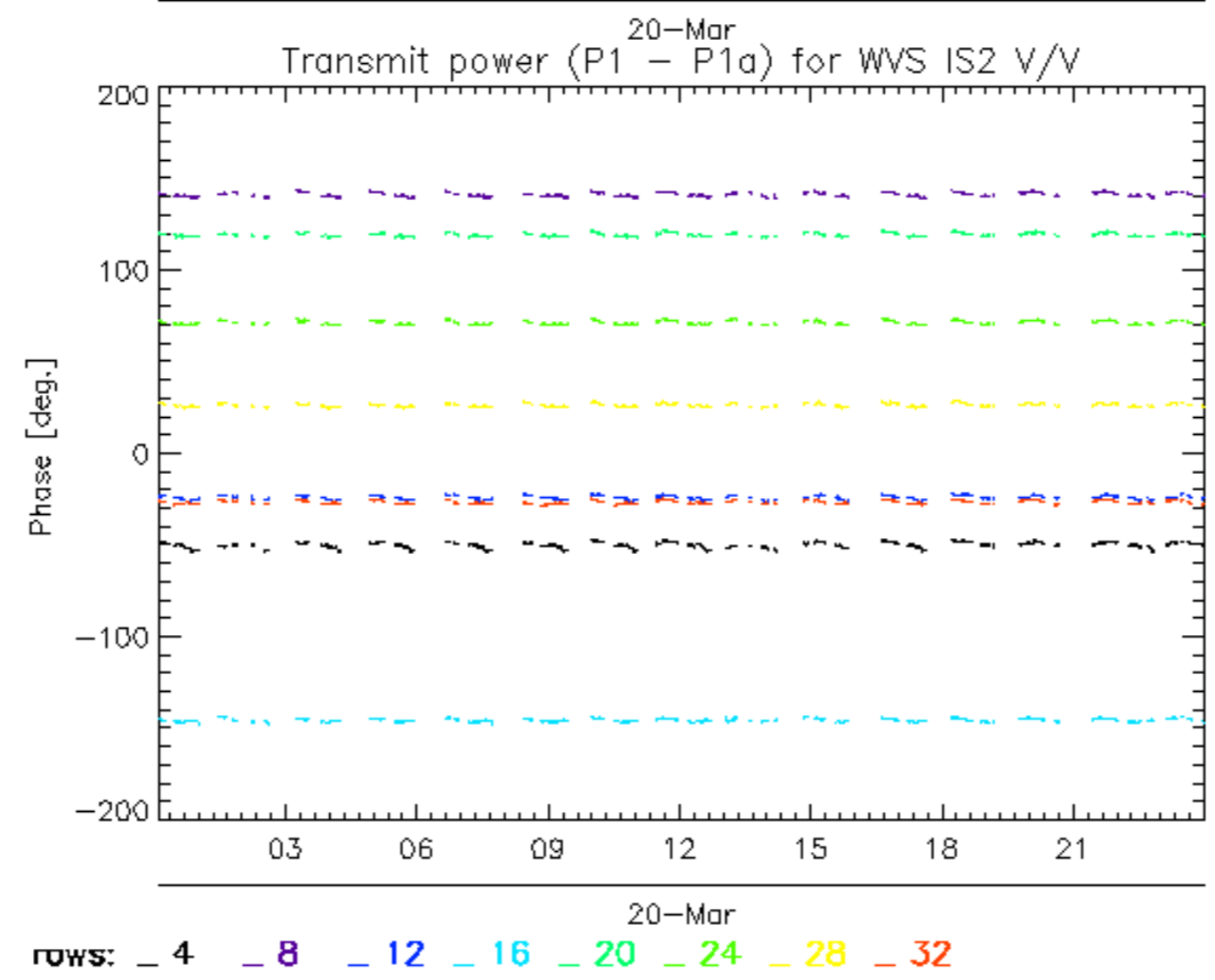
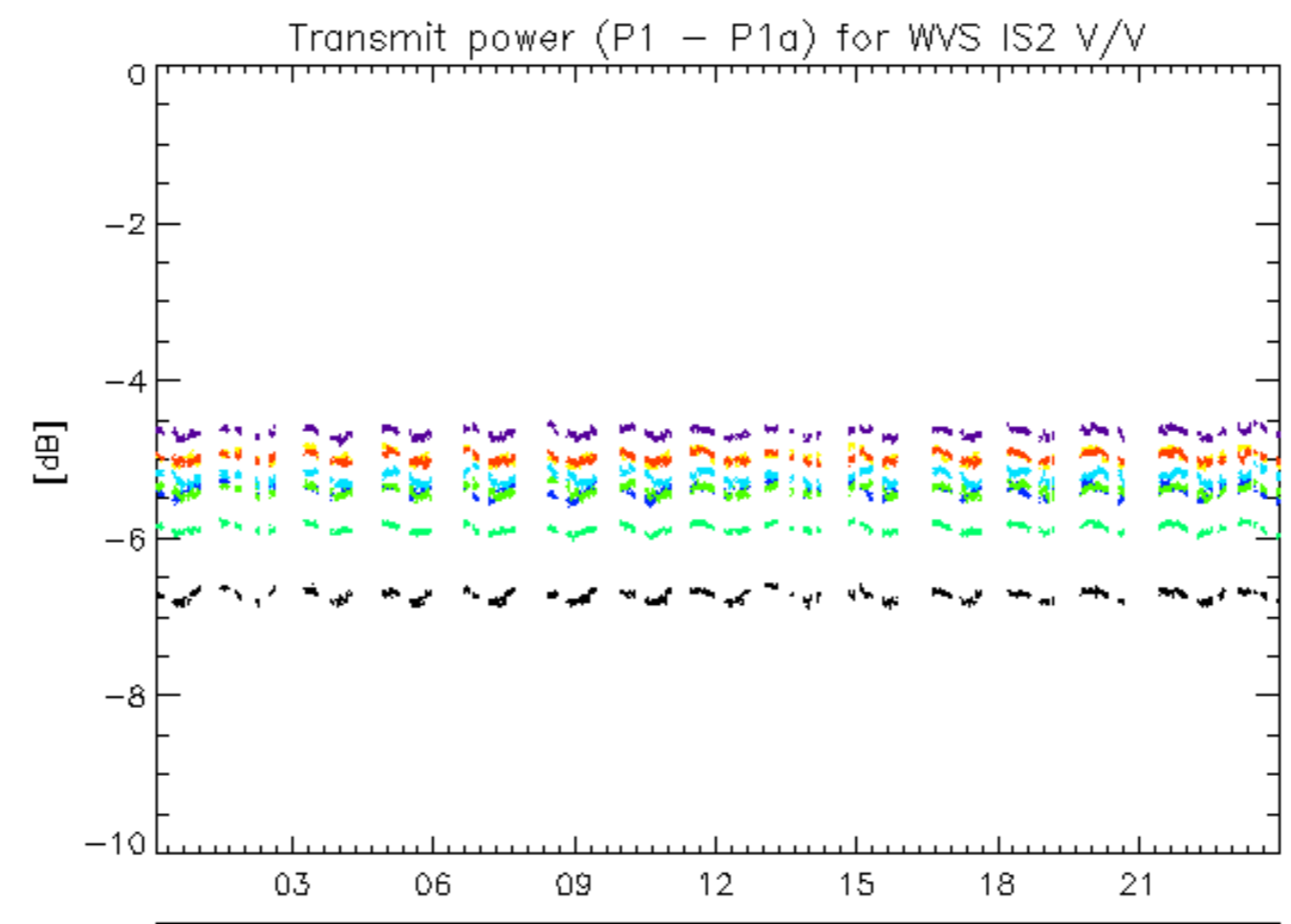


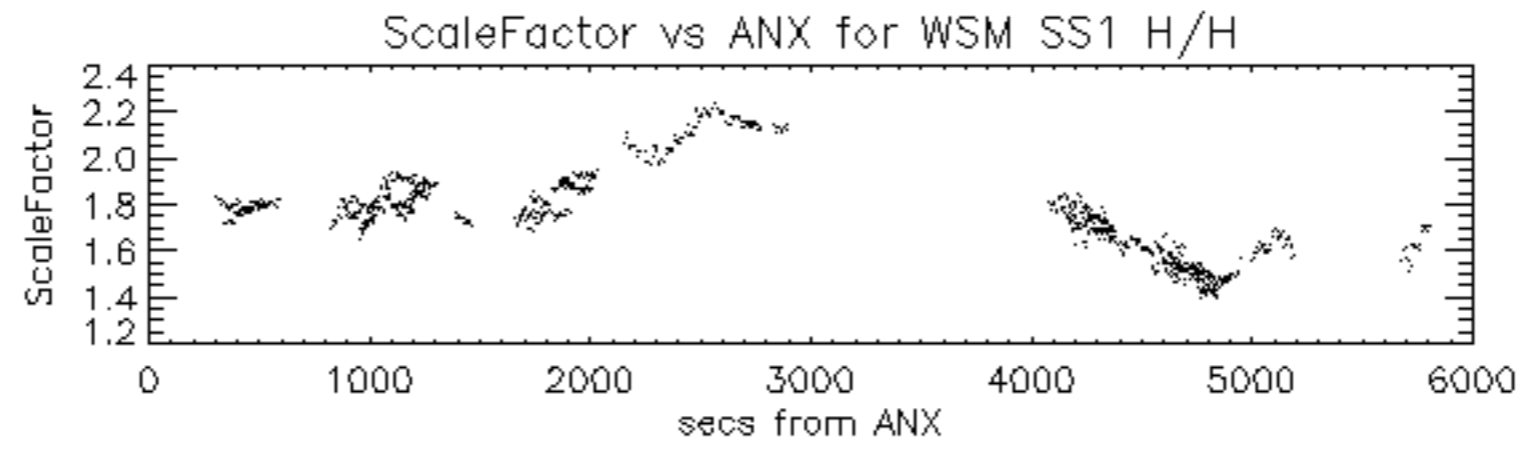


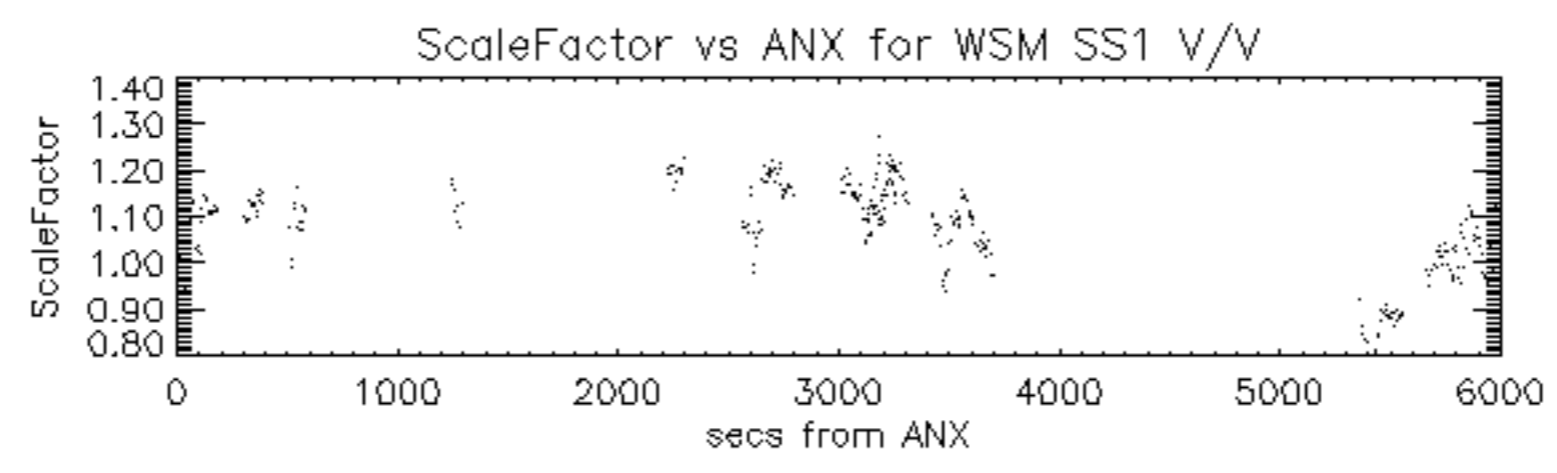


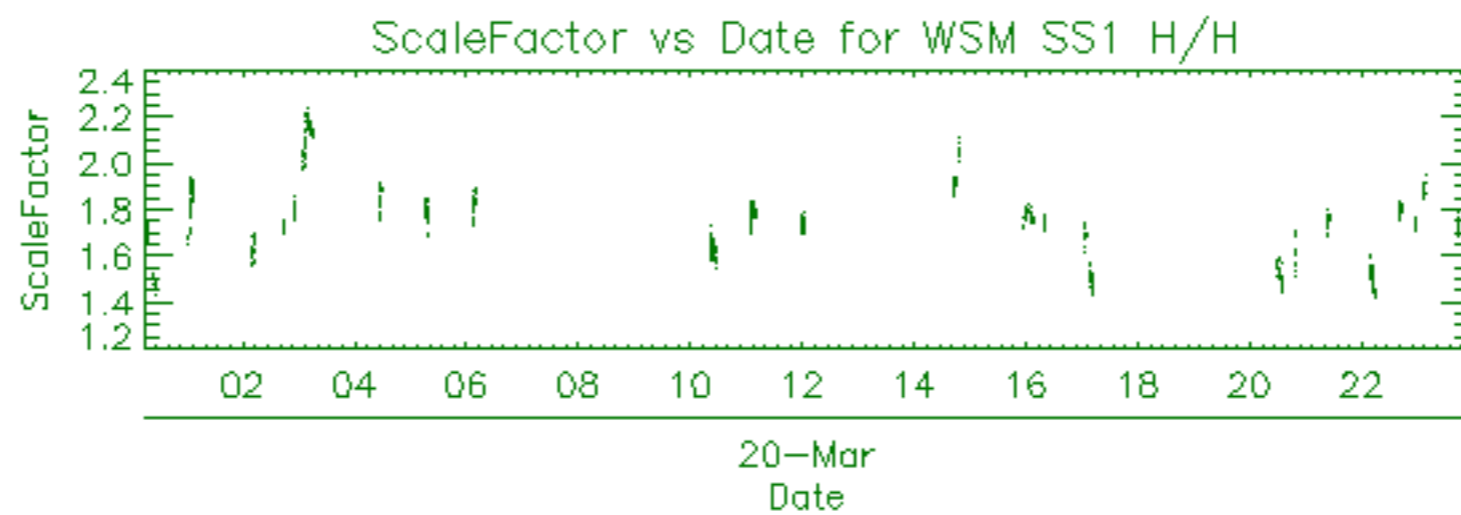




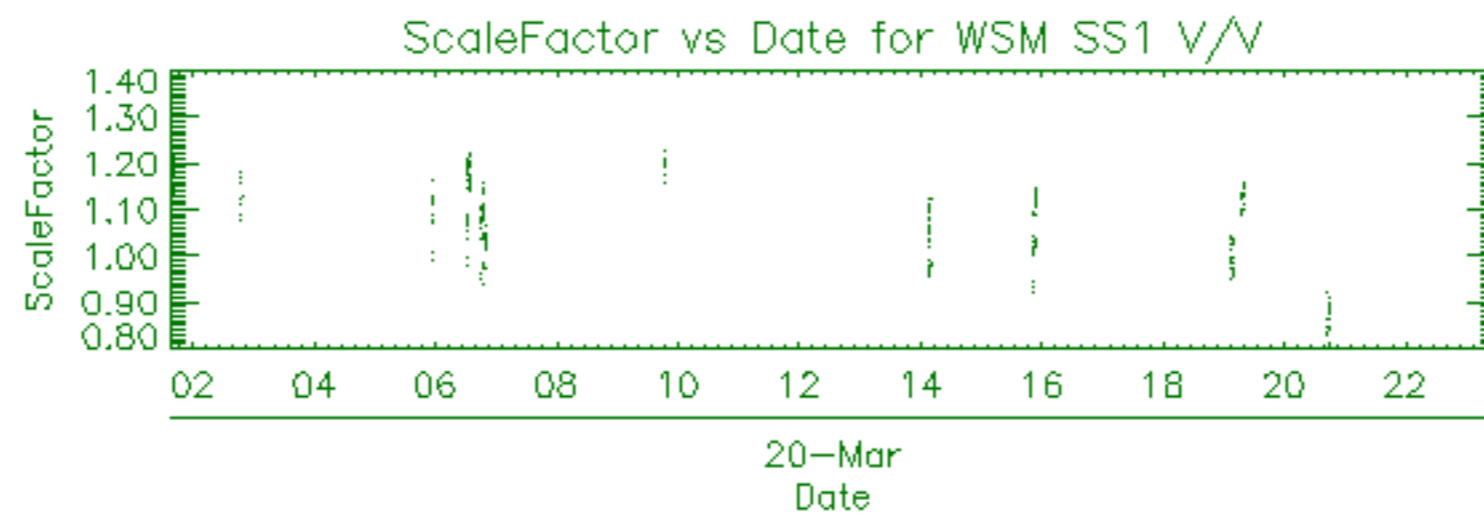












| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_APM_1PNPDE20090320_044827_000000432077_00248_36875_0812.N1 |      |     |             |          |          | IS6         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_APM_1PNPDE20090320_141314_000000882077_00254_36881_1322.N1 |      |     |             |          |          | IS7         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_APM_1PNPDK20090320_210654_000000422077_00258_36885_3412.N1 |      |     |             |          |          | IS1         | H/H | 77 | 36885 | 258 | 4.07 |

| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_GM1_1PNPDE20090320_000015_000003562077_00245_36872_0231.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36872 | 245 | 4.07 |
| ASA_GM1_1PNPDE20090320_001843_000003502077_00245_36872_0247.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36872 | 245 | 4.07 |
| ASA_GM1_1PNPDE20090320_004302_000001202077_00245_36872_0370.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36872 | 245 | 4.07 |
| ASA_GM1_1PNPDE20090320_010724_000011772077_00246_36873_0475.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_GM1_1PNPDE20090320_014212_000002472077_00246_36873_0375.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_GM1_1PNPDE20090320_015509_000007792077_00246_36873_0404.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_GM1_1PNPDE20090320_021646_000007792077_00246_36873_0535.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_GM1_1PNPDE20090320_023955_000001632077_00247_36874_0533.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_024415_000001872077_00247_36874_0531.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_024839_000003622077_00247_36874_0526.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_025714_000004102077_00247_36874_0546.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_033545_000007792077_00247_36874_0816.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_035113_000002532077_00247_36874_0923.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_GM1_1PNPDE20090320_041058_000001082077_00248_36875_0821.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_GM1_1PNPDE20090320_041523_000006342077_00248_36875_0823.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_GM1_1PNPDE20090320_042932_000006822077_00248_36875_0925.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_GM1_1PNPDE20090320_044930_000003202077_00248_36875_0841.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_GM1_1PNPDE20090320_051931_000003802077_00248_36875_1052.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_GM1_1PNPDE20090320_055800_000005372077_00249_36876_1054.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_GM1_1PNPDE20090320_060941_000003202077_00249_36876_1068.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_GM1_1PNPDE20090320_062126_000005432077_00249_36876_1050.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_GM1_1PNPDE20090320_063454_000001752077_00249_36876_1080.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_GM1_1PNPDK20090320_065657_000007792077_00249_36876_2162.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_GM1_1PNPDK20090320_074547_000006402077_00250_36877_2182.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36877 | 250 | 4.07 |
| ASA_GM1_1PNPDK20090320_081627_000006402077_00250_36877_2248.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36877 | 250 | 4.07 |
| ASA_GM1_1PNPDK20090320_083732_000007792077_00250_36877_2255.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36877 | 250 | 4.07 |
| ASA_GM1_1PNPDK20090320_092646_000004342077_00251_36878_2257.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_GM1_1PNPDK20090320_095045_000004532077_00251_36878_2406.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_GM1_1PNPDK20090320_101808_000001502077_00251_36878_2408.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_GM1_1PNPDK20090320_102747_000001992077_00251_36878_2412.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_GM1_1PNPDK20090320_111009_000001932077_00252_36879_2432.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36879 | 252 | 4.07 |
| ASA_GM1_1PNPDK20090320_120255_000005252077_00252_36879_2558.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36879 | 252 | 4.07 |
| ASA_GM1_1PNPDK20090320_124245_000004342077_00253_36880_2553.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_125220_000003082077_00253_36880_2624.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_125629_000002652077_00253_36880_2676.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_131918_000006522077_00253_36880_2678.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_133012_000003742077_00253_36880_2680.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_133920_000007792077_00253_36880_2688.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_140137_000003082077_00253_36880_2690.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36880 | 253 | 4.07 |
| ASA_GM1_1PNPDK20090320_141722_00000782077_00254_36881_2695.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_141929_000006702077_00254_36881_2700.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_144501_000001082077_00254_36881_2816.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_144830_00000902077_00254_36881_2818.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_145815_000003322077_00254_36881_2823.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_151956_000007792077_00254_36881_2828.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_GM1_1PNPDK20090320_160146_000002592077_00255_36882_2830.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_160743_00000842077_00255_36882_2832.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_162258_000007972077_00255_36882_2940.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_170032_00000902077_00255_36882_2938.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_170455_000002172077_00255_36882_2936.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_171211_00000782077_00255_36882_2947.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_GM1_1PNPDK20090320_173835_00000782077_00256_36883_2945.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_GM1_1PNPDK20090320_174130_000004472077_00256_36883_2949.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_GM1_1PNPDK20090320_175902_000001082077_00256_36883_3181.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_GM1_1PNPDK20090320_180140_000002532077_00256_36883_3183.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_GM1_1PNPDK20090320_184108_000007792077_00256_36883_3196.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_GM1_1PNPDK20090320_191255_000001142077_00257_36884_3194.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_191939_000003982077_00257_36884_3206.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_193847_000001202077_00257_36884_3324.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_194249_000002292077_00257_36884_3326.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_202144_000004472077_00257_36884_3333.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_204541_00000962077_00257_36884_3331.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDK20090320_204954_000007612077_00257_36884_3340.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_GM1_1PNPDE20090320_211801_000002352077_00258_36885_1492.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_GM1_1PNPDE20090320_212530_00000962077_00258_36885_1490.N1  |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_GM1_1PNPDE20090320_220220_000003982077_00258_36885_1502.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_GM1_1PNPDE20090320_223504_000002352077_00259_36886_1616.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |

|  |     |     |    |       |     |      |
|--|-----|-----|----|-------|-----|------|
| ASA_GM1_1PNPDE20090320_225845_000003562077_00259_36886_1631.N1 | SS1 | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_GM1_1PNPDE20090320_233013_000002112077_00259_36886_1629.N1 | SS1 | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_GM1_1PNPDE20090320_233348_000001082077_00259_36886_1627.N1 | SS1 | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_GM1_1PNPDE20090320_234434_000005012077_00259_36886_1644.N1 | SS1 | H/H | 77 | 36886 | 259 | 4.07 |



| Filename  | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|---|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_IMM_1PNPDE20090320_012721_000000372077_00246_36873_0406.N1  |      |     |             |          |          | IS2         | V/V | 77 | 36873 | 246 | 4.07 |
| ASA_IMM_1PNPDE20090320_023906_000000372077_00247_36874_0605.N1  |      |     |             |          |          | IS1         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_IMM_1PNPDE20090320_040633_000000402077_00247_36874_0814.N1  |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_IMM_1PNPDE20090320_044053_0000003032077_00248_36875_0971.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_IMM_1PNPDE20090320_044053_0000004192077_00248_36875_0998.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_IMM_1PNPDE20090320_052551_0000001352077_00248_36875_1040.N1 |      |     |             |          |          | IS4         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_IMM_1PNPDK20090320_074356_0000001002077_00250_36877_2219.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36877 | 250 | 4.07 |
| ASA_IMM_1PNPDK20090320_080150_0000000822077_00250_36877_2227.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36877 | 250 | 4.07 |
| ASA_IMM_1PNPDE20090320_081436_0000001012077_00250_36877_1192.N1 |      |     |             |          |          | IS4         | H/H | 77 | 36877 | 250 | 4.07 |
| ASA_IMM_1PNPDE20090320_100935_0000000532077_00251_36878_1213.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36878 | 251 | 4.07 |
| ASA_IMM_1PNPDE20090320_113505_0000000832077_00252_36879_1237.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_IMM_1PNPDK20090320_130052_0000000832077_00253_36880_2657.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_IMM_1PNPDE20090320_141841_000000372077_00254_36881_1294.N1  |      |     |             |          |          | IS1         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_IMM_1PNPDE20090320_155511_000000392077_00255_36882_1366.N1  |      |     |             |          |          | IS2         | V/V | 77 | 36882 | 255 | 4.07 |
| ASA_IMM_1PNPDE20090320_162058_0000001092077_00255_36882_1396.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36882 | 255 | 4.07 |
| ASA_IMM_1PNPDE20090320_163615_0000000432077_00255_36882_1368.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36882 | 255 | 4.07 |
| ASA_IMM_1PNPDE20090320_173951_0000000882077_00256_36883_1399.N1 |      |     |             |          |          | IS6         | V/V | 77 | 36883 | 256 | 4.07 |
| ASA_IMM_1PNPDE20090320_180050_000000392077_00256_36883_1409.N1  |      |     |             |          |          | IS1         | H/H | 77 | 36883 | 256 | 4.07 |
| ASA_IMM_1PNPDE20090320_180555_0000000522077_00256_36883_1413.N1 |      |     |             |          |          | IS1         | V/V | 77 | 36883 | 256 | 4.07 |
| ASA_IMM_1PNPDE20090320_180741_0000003562077_00256_36883_1437.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36883 | 256 | 4.07 |
| ASA_IMM_1PNPDE20090320_191449_0000001302077_00257_36884_1460.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36884 | 257 | 4.07 |
| ASA_IMM_1PNPDE20090320_194045_0000001122077_00257_36884_1462.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36884 | 257 | 4.07 |
| ASA_IMM_1PNPDE20090320_210530_0000000422077_00258_36885_1576.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36885 | 258 | 4.07 |

| Filename   | Pol | Timestamp           | count(Module) |
|--|-----|---------------------|---------------|
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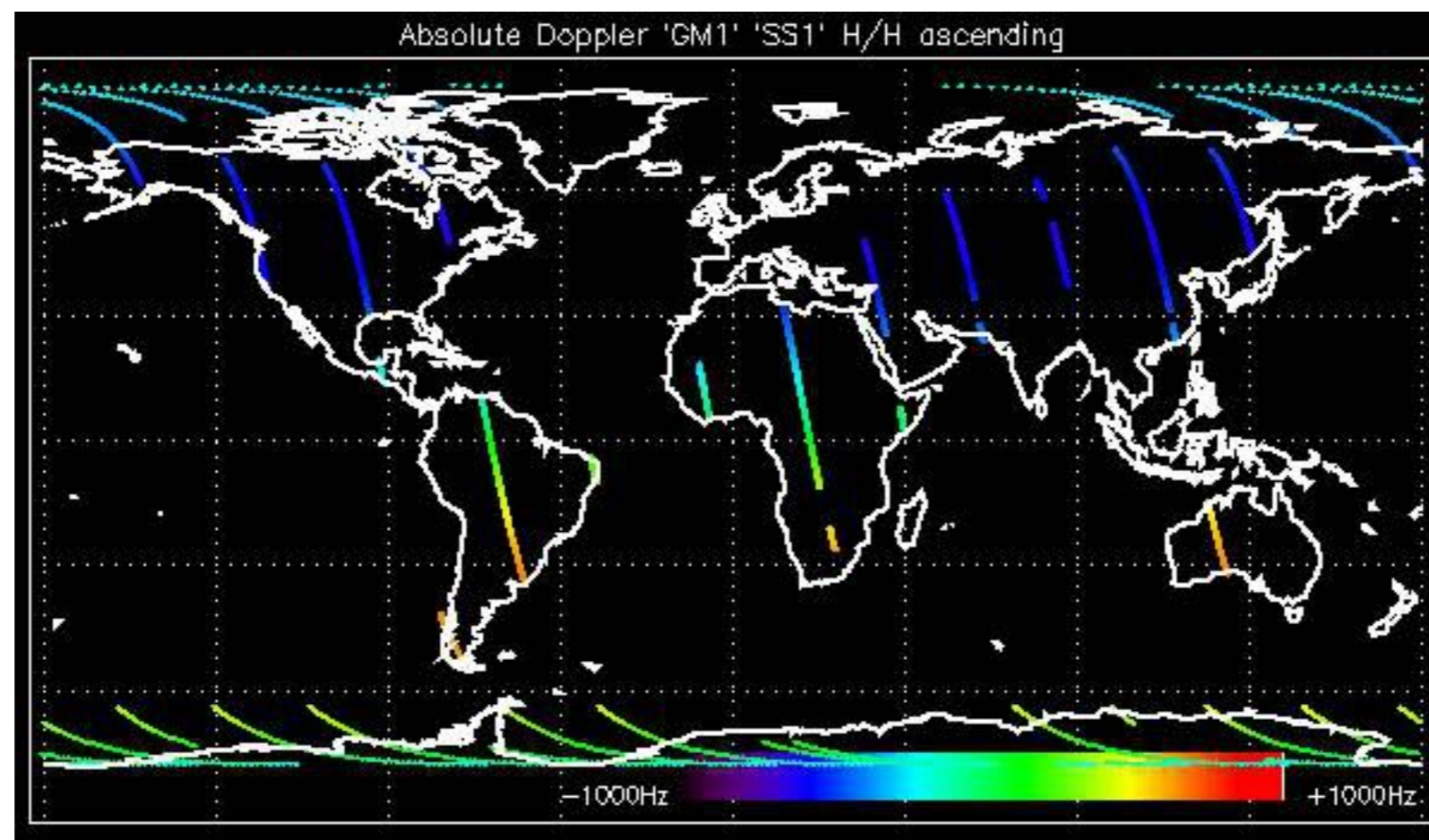


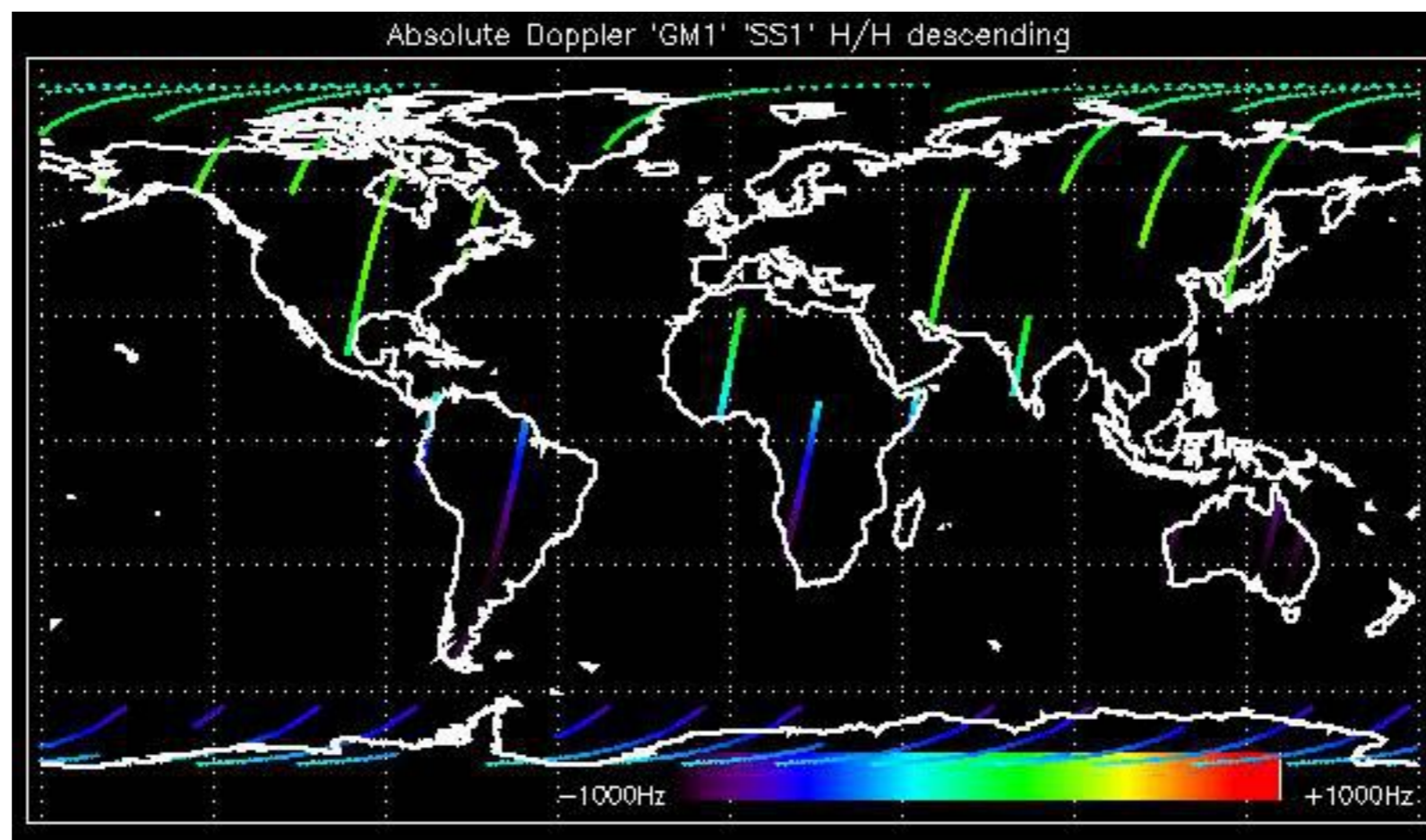
| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WSM_1PNPDE20090319_235439_000003302077_00245_36872_0709.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36872 | 245 | 4.07 |
| ASA_WSM_1PNPDE20090320_001510_000002072077_00245_36872_0344.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36872 | 245 | 4.07 |
| ASA_WSM_1PNPDE20090320_002437_000001712077_00245_36872_0361.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36872 | 245 | 4.07 |
| ASA_WSM_1PNPDE20090320_010204_000001892077_00246_36873_0807.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_010204_000003112077_00246_36873_1012.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_010317_000000612077_00246_36873_0479.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_010513_000001212077_00246_36873_0508.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_013814_000001892077_00246_36873_0506.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_020920_000002142077_00246_36873_1145.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_021135_000000792077_00246_36873_0510.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_021135_000000792077_00246_36873_0937.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_021230_000000242077_00246_36873_0979.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36873 | 246 | 4.07 |
| ASA_WSM_1PNPDE20090320_024240_000000922077_00247_36874_0623.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_024724_000000732077_00247_36874_0607.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_025446_000001342077_00247_36874_0689.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_030407_000003732077_00247_36874_0805.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_030407_000005512077_00247_36874_0959.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_031122_000000552077_00247_36874_0705.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_031348_000000922077_00247_36874_0639.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36874 | 247 | 4.07 |
| ASA_WSM_1PNPDE20090320_042602_000001902077_00248_36875_1155.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_WSM_1PNPDE20090320_042716_000001152077_00248_36875_1026.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_WSM_1PNPDE20090320_051511_000000732077_00248_36875_0987.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_WSM_1PNPDE20090320_051511_000002502077_00248_36875_1173.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36875 | 248 | 4.07 |
| ASA_WSM_1PNPDE20090320_055626_000000912077_00249_36876_1073.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_060659_000001592077_00249_36876_1143.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_063034_000002512077_00249_36876_1181.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_064453_000000732077_00249_36876_1157.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_064453_000003122077_00249_36876_1190.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_064708_000000552077_00249_36876_1161.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_064904_000000612077_00249_36876_1165.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WSM_1PNPDE20090320_094609_000000922077_00251_36878_1206.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36878 | 251 | 4.07 |
| ASA_WSM_1PNPDE20090320_102045_000002992077_00251_36878_1231.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_WSM_1PNPDE20090320_102506_000001592077_00251_36878_1286.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_WSM_1PNPDE20090320_102620_000000842077_00251_36878_1267.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36878 | 251 | 4.07 |
| ASA_WSM_1PNPDE20090320_110326_000003732077_00252_36879_1284.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36879 | 252 | 4.07 |
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| ASA_WSM_1PNPDE20090320_115921_000002082077_00252_36879_1275.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36879 | 252 | 4.07 |
| ASA_WSM_1PNPDE20090320_140707_000001892077_00253_36880_1332.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_WSM_1PNPDE20090320_144126_000002142077_00254_36881_1338.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_WSM_1PNPDE20090320_144653_000000912077_00254_36881_1334.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36881 | 254 | 4.07 |
| ASA_WSM_1PNPDE20090320_155122_000002132077_00254_36881_1411.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_WSM_1PNPDE20090320_155431_000000242077_00254_36881_1388.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_WSM_1PNPDE20090320_155714_000002512077_00255_36882_1344.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_160609_000000912077_00255_36882_1336.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_161910_000001092077_00255_36882_1403.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_170209_000001592077_00255_36882_1405.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_170837_000000732077_00255_36882_1358.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_170837_000002072077_00255_36882_1407.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_171051_000000732077_00255_36882_1401.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36882 | 255 | 4.07 |
| ASA_WSM_1PNPDE20090320_190629_000001702077_00256_36883_1441.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36883 | 256 | 4.07 |
| ASA_WSM_1PNPDE20090320_191744_000001092077_00257_36884_1439.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36884 | 257 | 4.07 |
| ASA_WSM_1PNPDE20090320_202915_000001902077_00257_36884_1488.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_WSM_1PNPDE20090320_202915_000003672077_00257_36884_1568.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_WSM_1PNPDE20090320_204206_000002132077_00257_36884_1486.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36884 | 257 | 4.07 |
| ASA_WSM_1PNPDE20090320_204720_000001532077_00257_36884_1484.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36884 | 257 | 4.07 |
| ASA_WSM_1PNPDE20090320_212159_000001892077_00258_36885_1745.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_WSM_1PNPDE20090320_212413_000000552077_00258_36885_1582.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_WSM_1PNPDE20090320_220905_000001892077_00258_36885_1611.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_WSM_1PNPDE20090320_220905_000003112077_00258_36885_1647.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_WSM_1PNPDE20090320_221315_000000612077_00258_36885_1592.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36885 | 258 | 4.07 |
| ASA_WSM_1PNPDE20090320_223903_000002372077_00259_36886_1719.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_224016_000000612077_00259_36886_1596.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_224212_000000482077_00259_36886_1600.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_225704_000000972077_00259_36886_1747.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_230445_000001902077_00259_36886_1752.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_232403_000002682077_00259_36886_1760.N1 |      |     |             |          |          | SS1         | V/V | 77 | 36886 | 259 | 4.07 |
| ASA_WSM_1PNPDE20090320_234300_000000732077_00259_36886_1731.N1 |      |     |             |          |          | SS1         | H/H | 77 | 36886 | 259 | 4.07 |



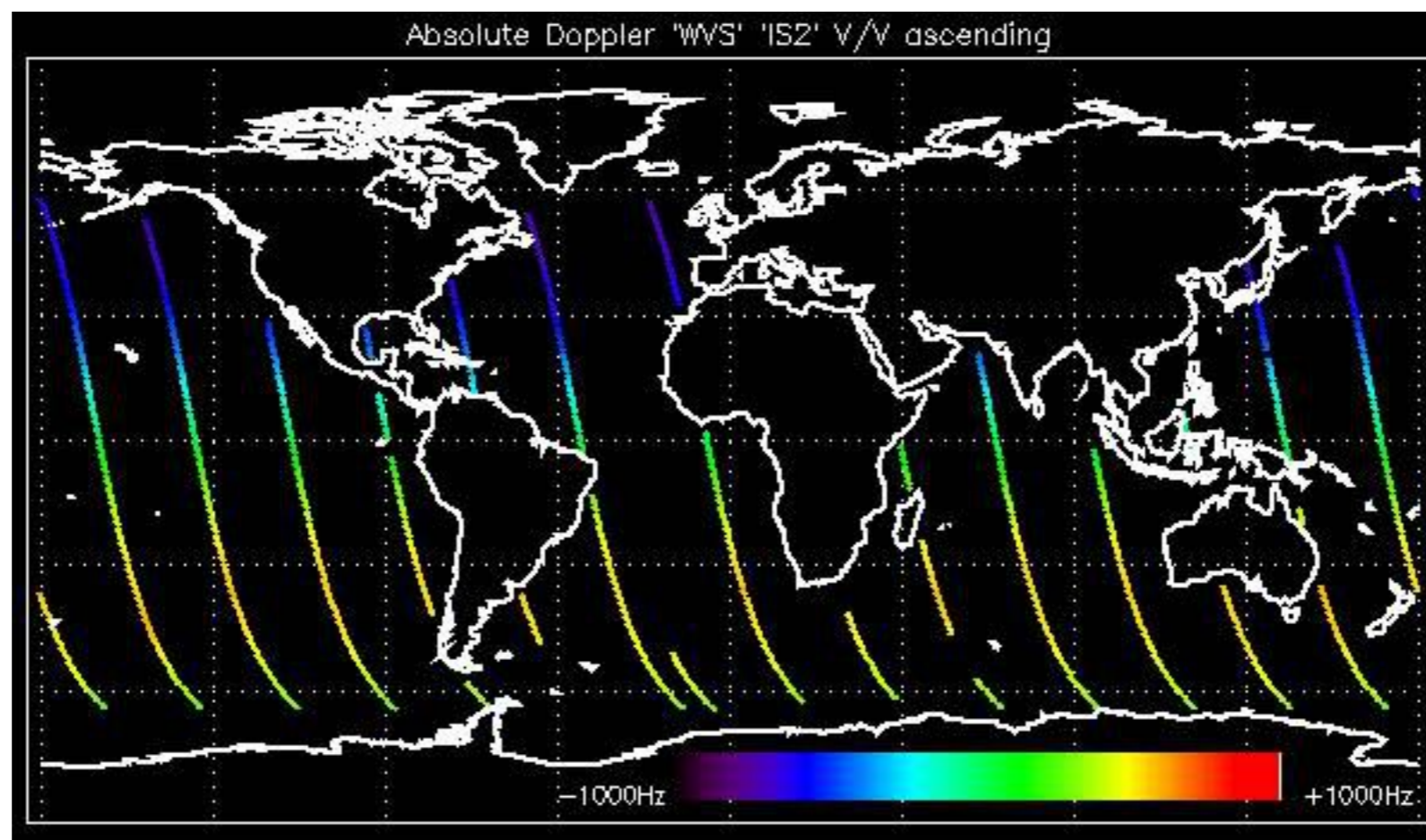


| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |    |       |     |      |
|--|------|-----|-------------|----------|----------|-------------|-----|----|-------|-----|------|
| ASA_WVS_1PNPDE20090320_000611_000004652077_00245_36872_0237.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36872 | 245 | 4.07 |
| ASA_WVS_1PNPDE20090320_002730_000005102077_00245_36872_0240.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36872 | 245 | 4.07 |
| ASA_WVS_1PNPDE20090320_003515_000004192077_00245_36872_0368.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36872 | 245 | 4.07 |
| ASA_WVS_1PNPDE20090320_004507_000009742077_00245_36872_0373.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36872 | 245 | 4.07 |
| ASA_WVS_1PNPDE20090320_012804_000005632077_00246_36873_0382.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36873 | 246 | 4.07 |
| ASA_WVS_1PNPDE20090320_014619_000004802077_00246_36873_0385.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36873 | 246 | 4.07 |
| ASA_WVS_1PNPDE20090320_021251_000001952077_00246_36873_0538.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36873 | 246 | 4.07 |
| ASA_WVS_1PNPDE20090320_022946_000004492077_00247_36874_0529.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_031518_000006742077_00247_36874_0549.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_032617_000002852077_00247_36874_0810.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_031518_000006742077_00247_36874_0549.N1 |      |     |             |          |          | IS1         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_034846_000001052077_00247_36874_0826.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_035527_000006292077_00247_36874_0829.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_040720_000001792077_00247_36874_0819.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36874 | 247 | 4.07 |
| ASA_WVS_1PNPDE20090320_041246_000001192077_00248_36875_0832.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_WVS_1PNPDE20090320_045453_000008392077_00248_36875_0864.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_WVS_1PNPDE20090320_050838_000003452077_00248_36875_1071.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_WVS_1PNPDE20090320_052913_000015892077_00248_36875_1086.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36875 | 248 | 4.07 |
| ASA_WVS_1PNPDE20090320_063752_000003742077_00249_36876_1083.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WVS_1PNPDK20090320_065004_000003752077_00249_36876_2160.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WVS_1PNPDK20090320_070958_000019942077_00249_36876_2185.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36876 | 249 | 4.07 |
| ASA_WVS_1PNPDK20090320_082709_000005852077_00250_36877_2253.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36877 | 250 | 4.07 |
| ASA_WVS_1PNPDK20090320_085034_000020842077_00250_36877_2271.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36877 | 250 | 4.07 |
| ASA_WVS_1PNPDK20090320_092534_000000302077_00250_36877_2274.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36877 | 250 | 4.07 |
| ASA_WVS_1PNPDK20090320_095823_000006292077_00251_36878_2401.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36878 | 251 | 4.07 |
| ASA_WVS_1PNPDK20090320_101033_000004052077_00251_36878_2404.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36878 | 251 | 4.07 |
| ASA_WVS_1PNPDK20090320_103110_000018892077_00251_36878_2495.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36878 | 251 | 4.07 |
| ASA_WVS_1PNPDK20090320_112732_000004192077_00252_36879_2545.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_WVS_1PNPDK20090320_113634_000012892077_00252_36879_2556.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_WVS_1PNPDK20090320_121146_000005102077_00252_36879_2551.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_WVS_1PNPDK20090320_122433_000000592077_00252_36879_2548.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_WVS_1PNPDK20090320_122837_000008072077_00252_36879_2621.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36879 | 252 | 4.07 |
| ASA_WVS_1PNPDK20090320_130407_000008692077_00253_36880_2683.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_WVS_1PNPDK20090320_133631_000001202077_00253_36880_2686.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_WVS_1PNPDK20090320_135222_000005102077_00253_36880_2693.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_WVS_1PNPDK20090320_141012_000001492077_00253_36880_2698.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36880 | 253 | 4.07 |
| ASA_WVS_1PNPDK20090320_145000_000004492077_00254_36881_2821.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_WVS_1PNPDK20090320_150347_000009302077_00254_36881_2826.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_WVS_1PNPDK20090320_153258_000010642077_00254_36881_2835.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36881 | 254 | 4.07 |
| ASA_WVS_1PNPDK20090320_163716_000013492077_00255_36882_2943.N1 |      |     |             |          |          | IS2         | V/V | 77 | 36882 | 255 | 4.07 |
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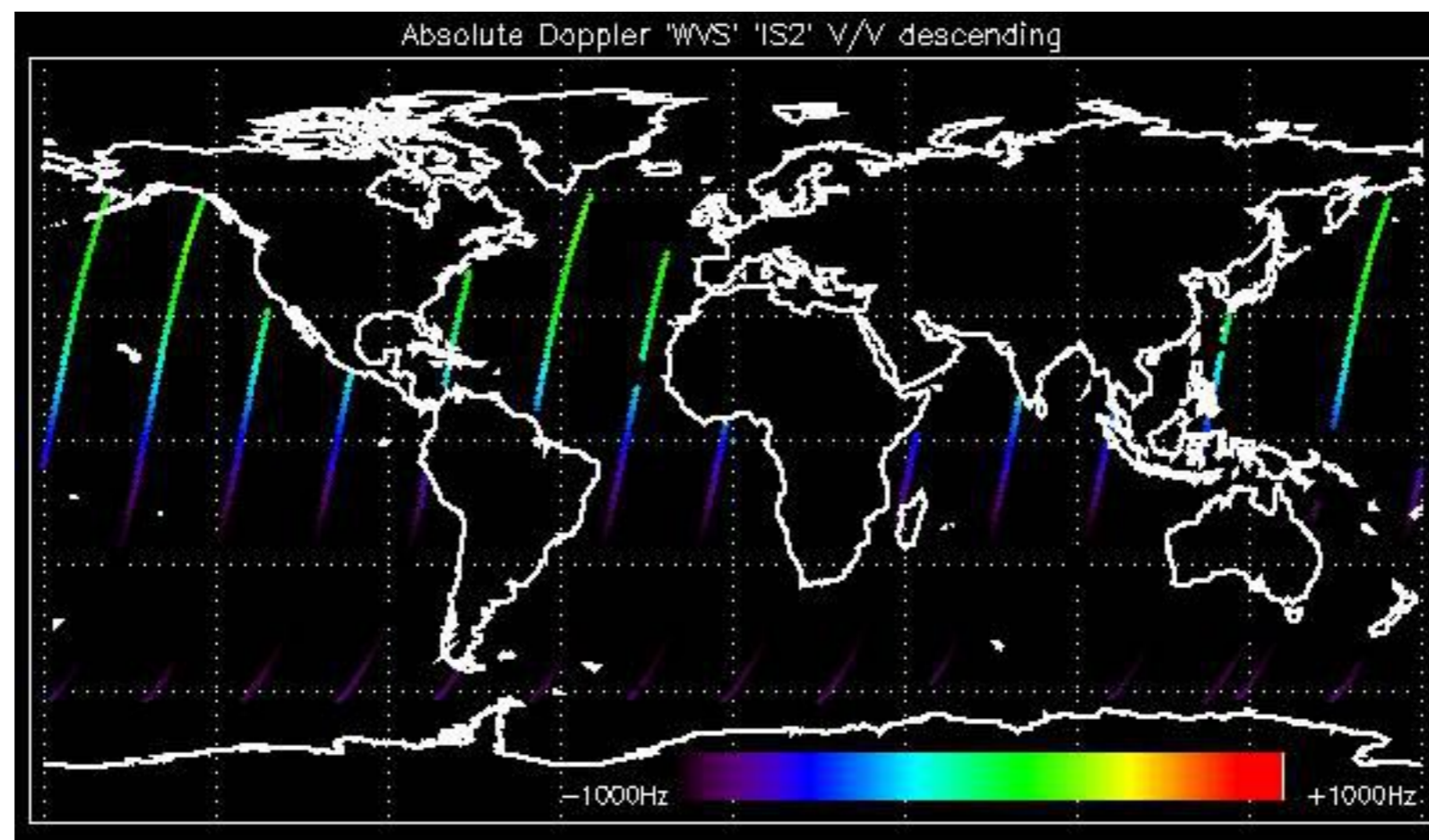


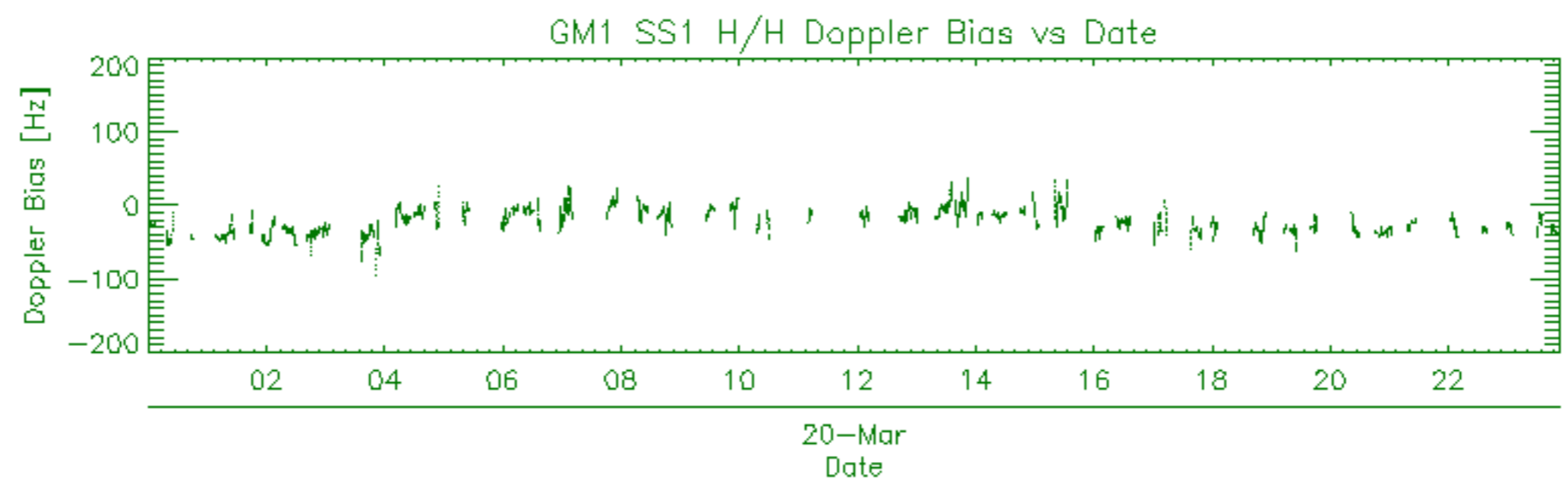
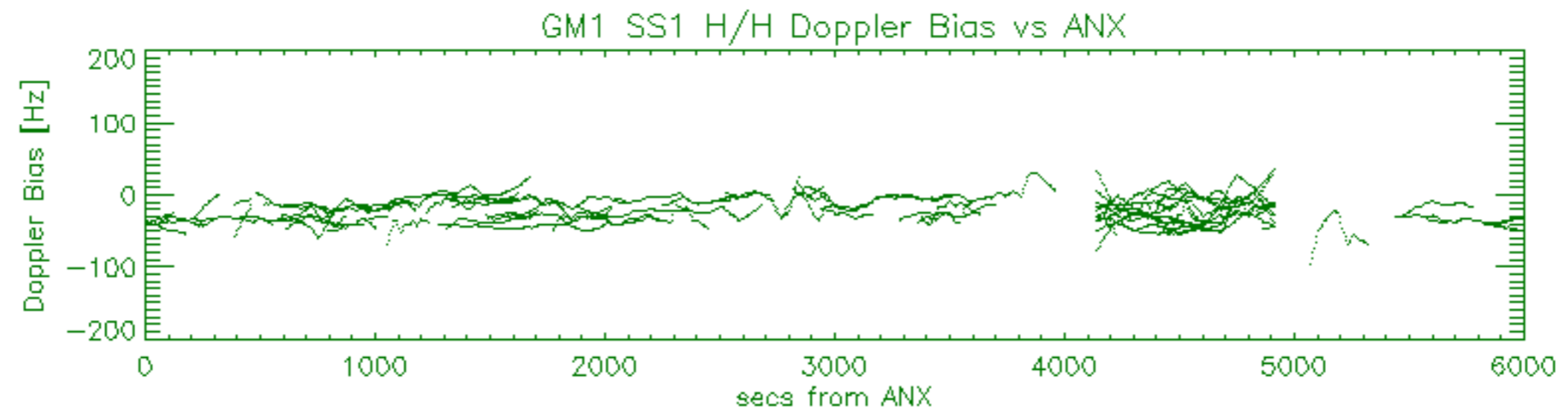
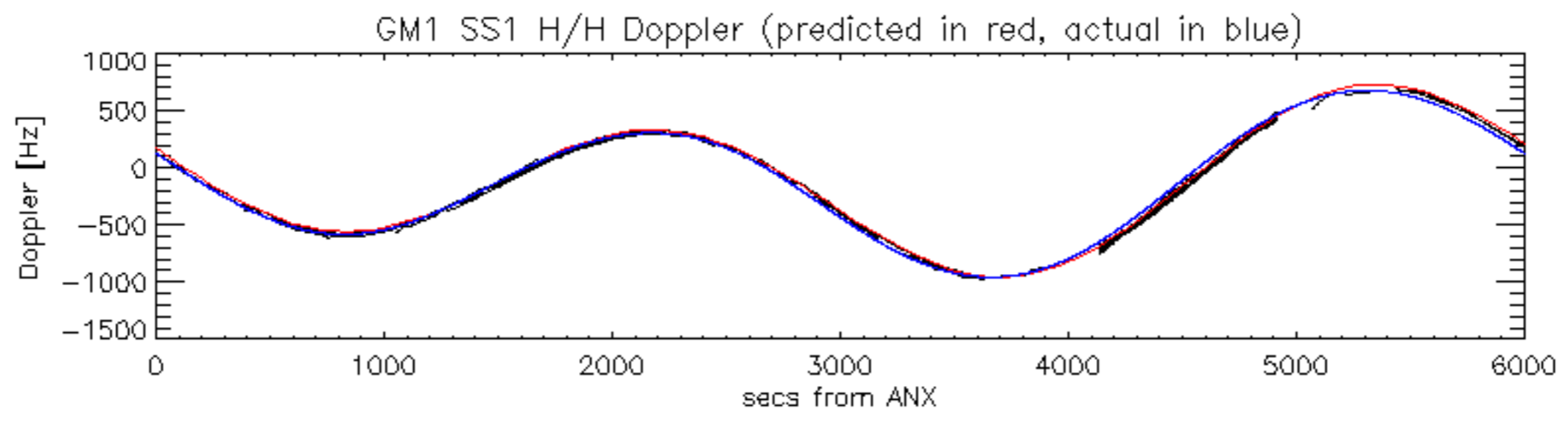


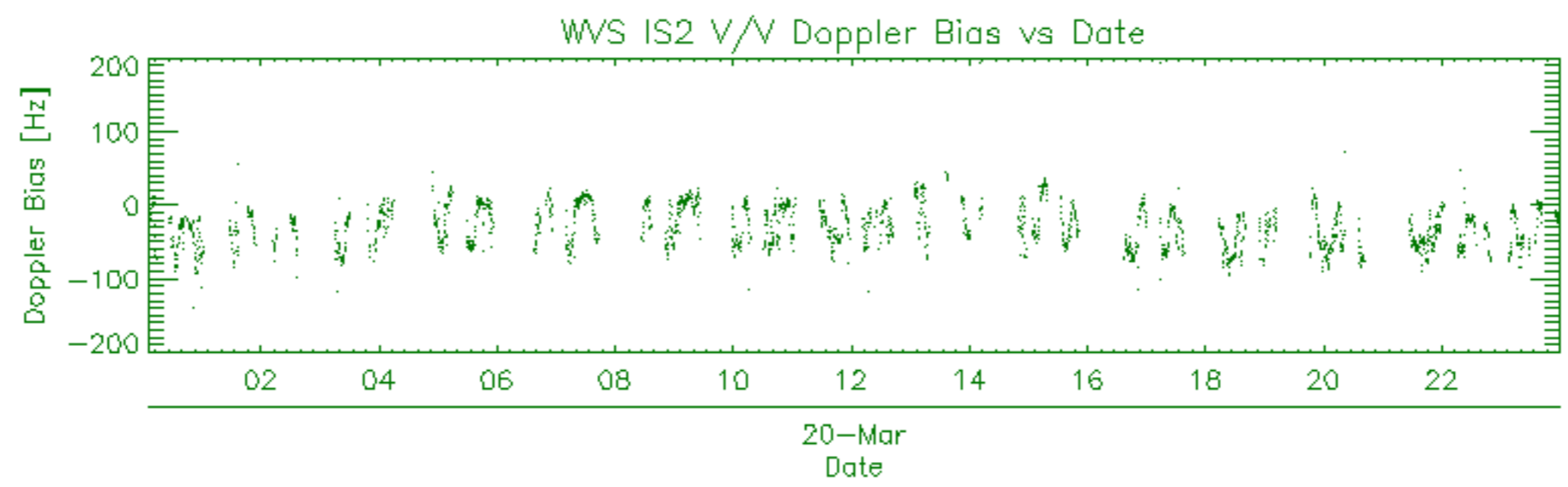
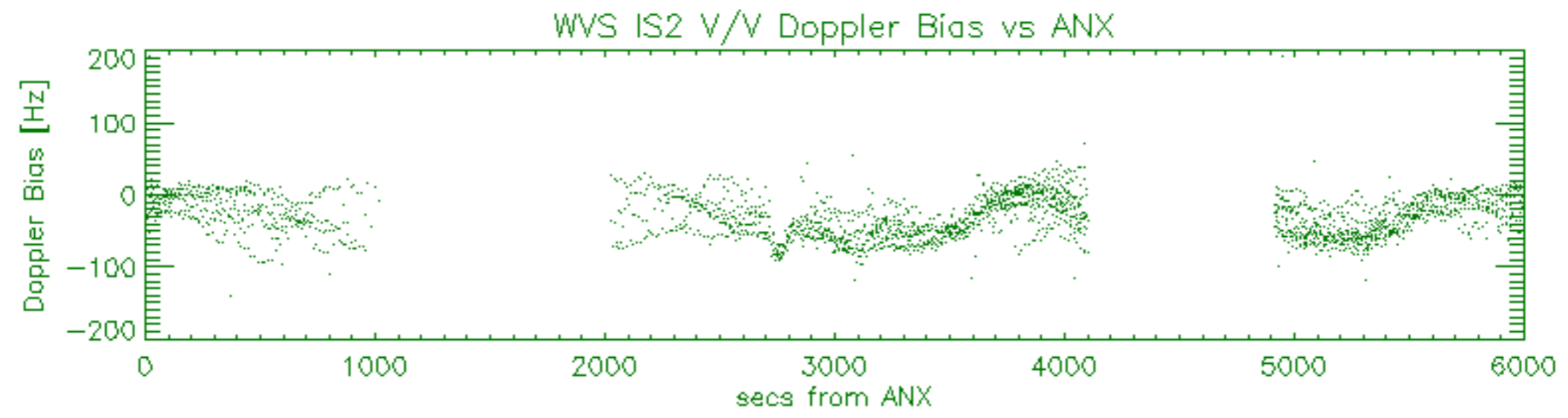
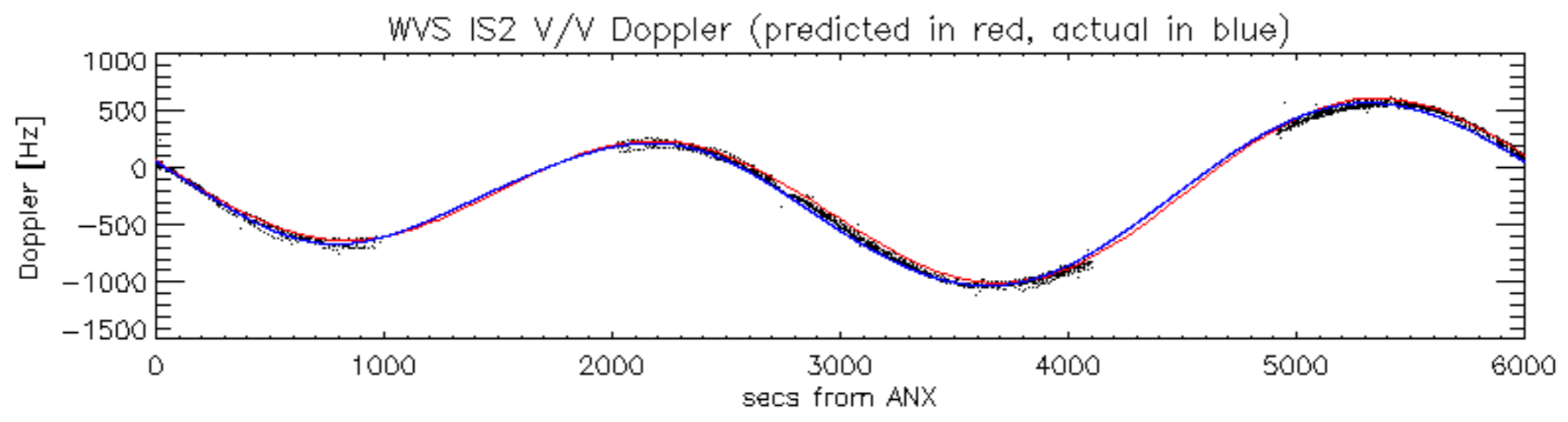


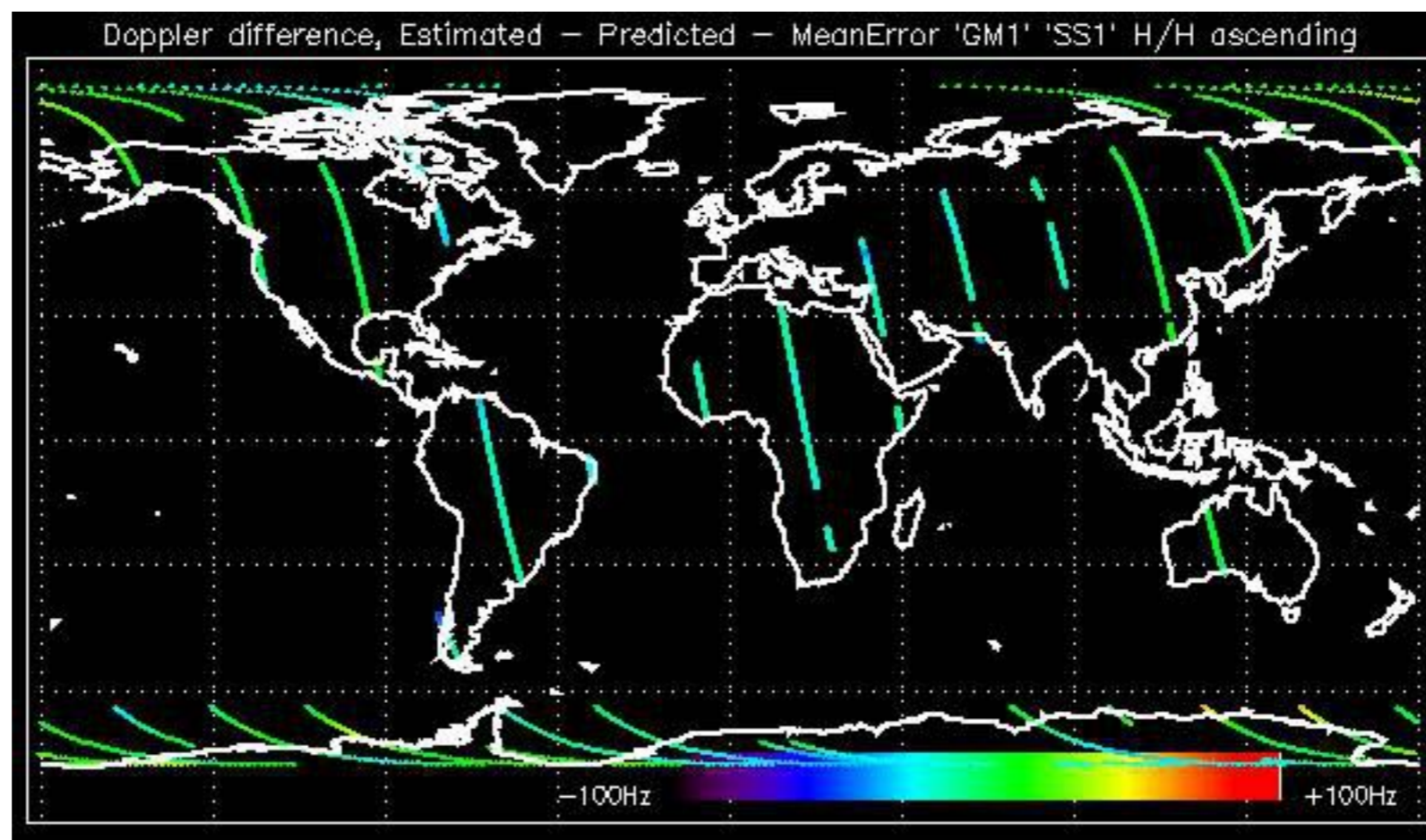




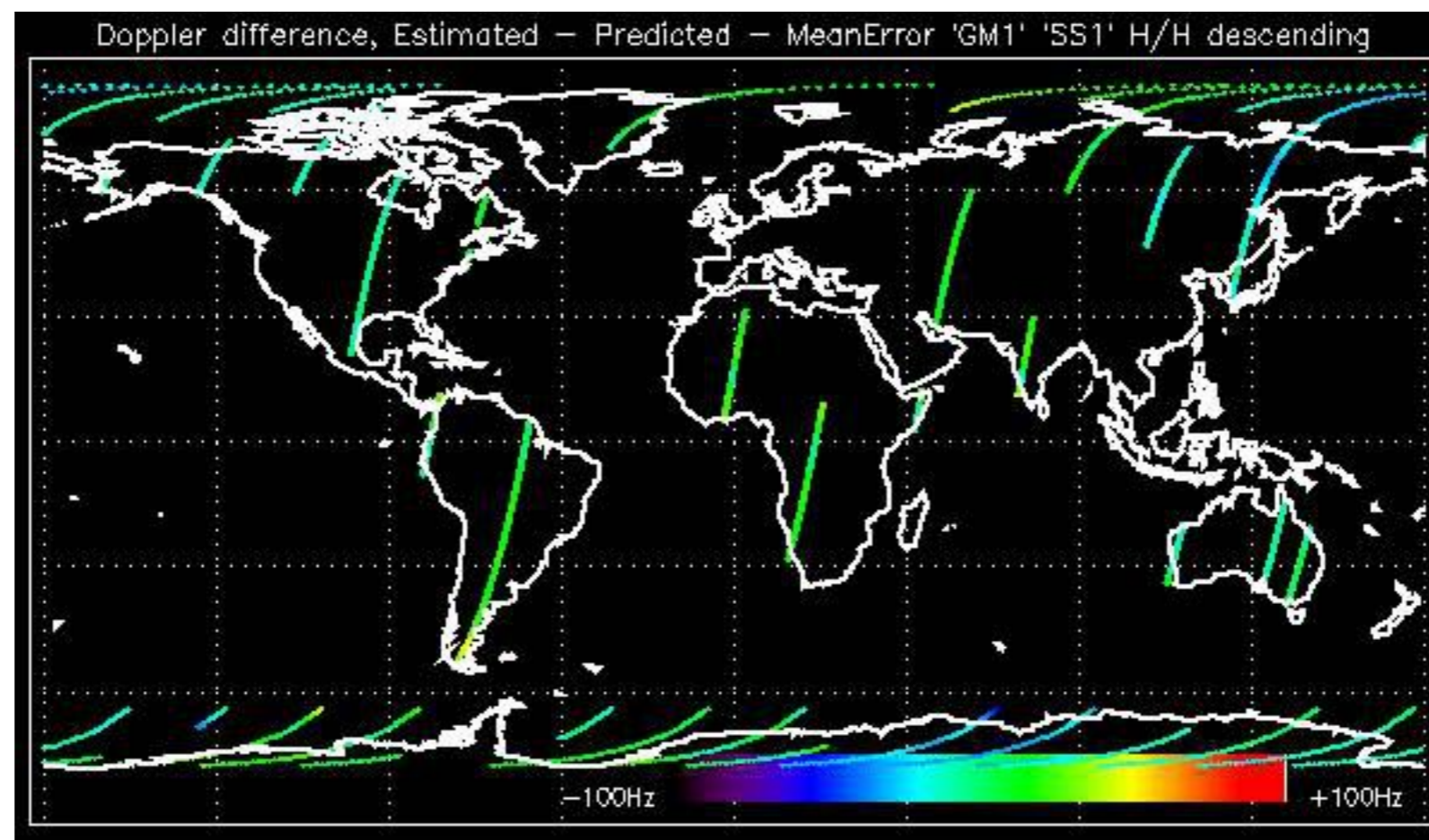


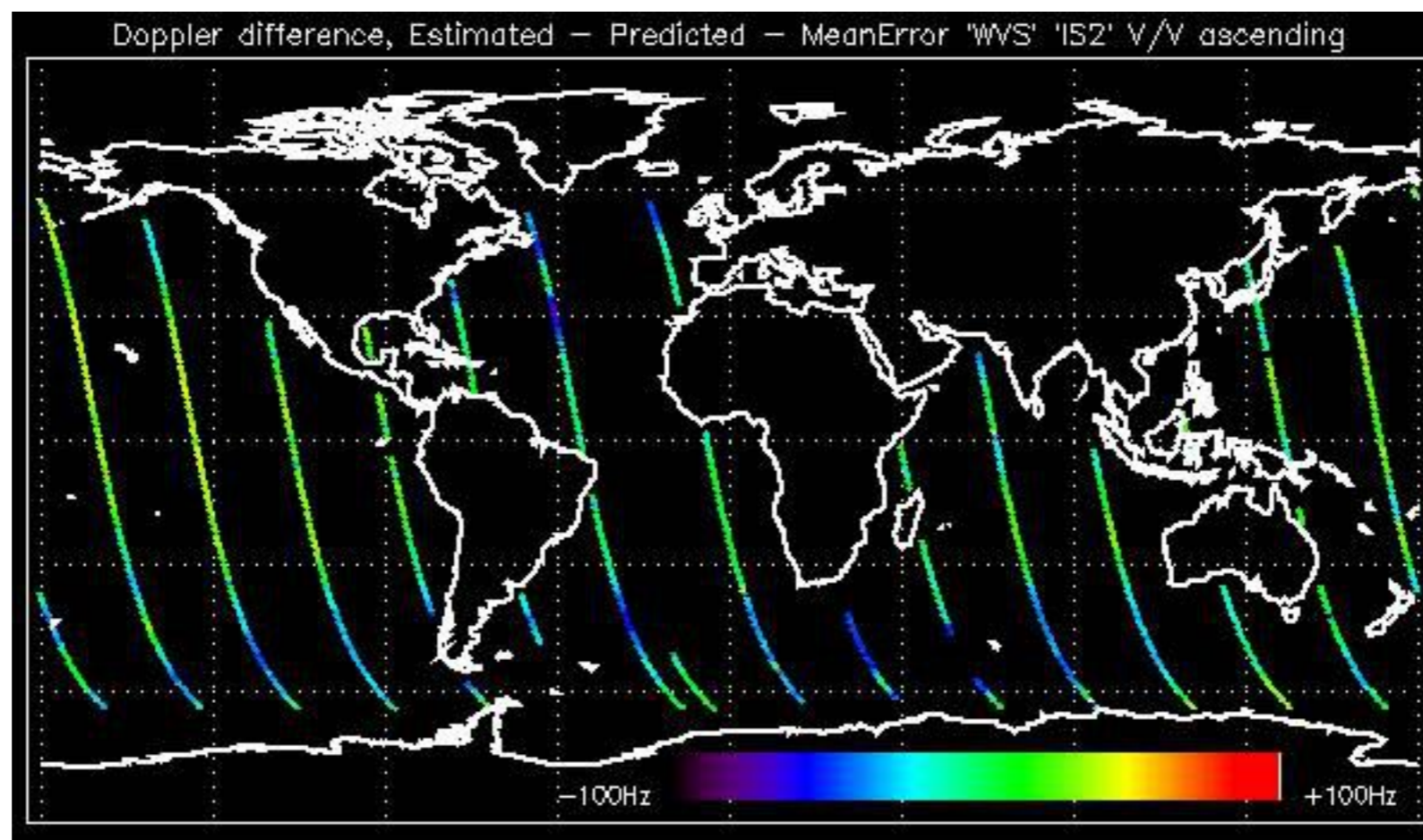


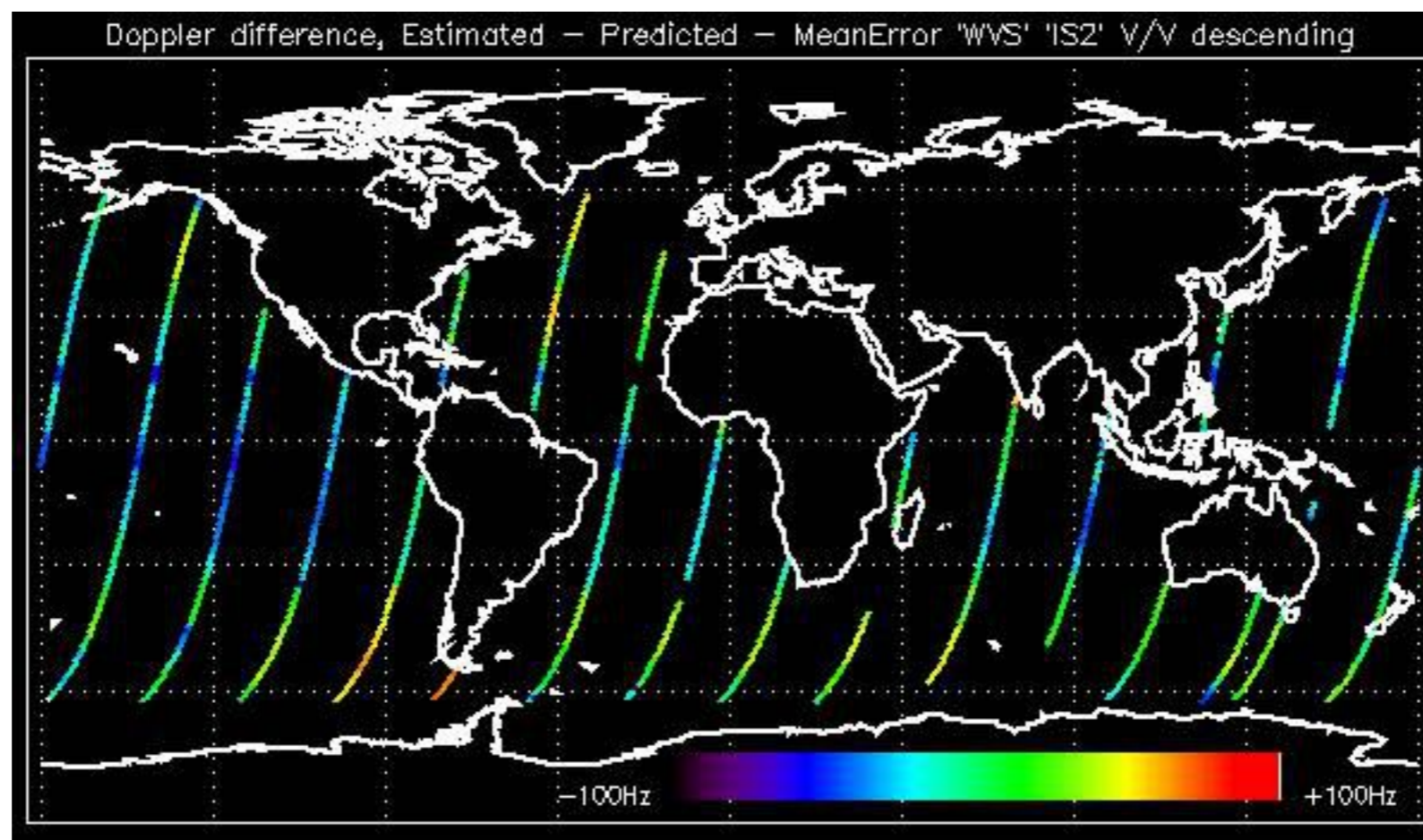




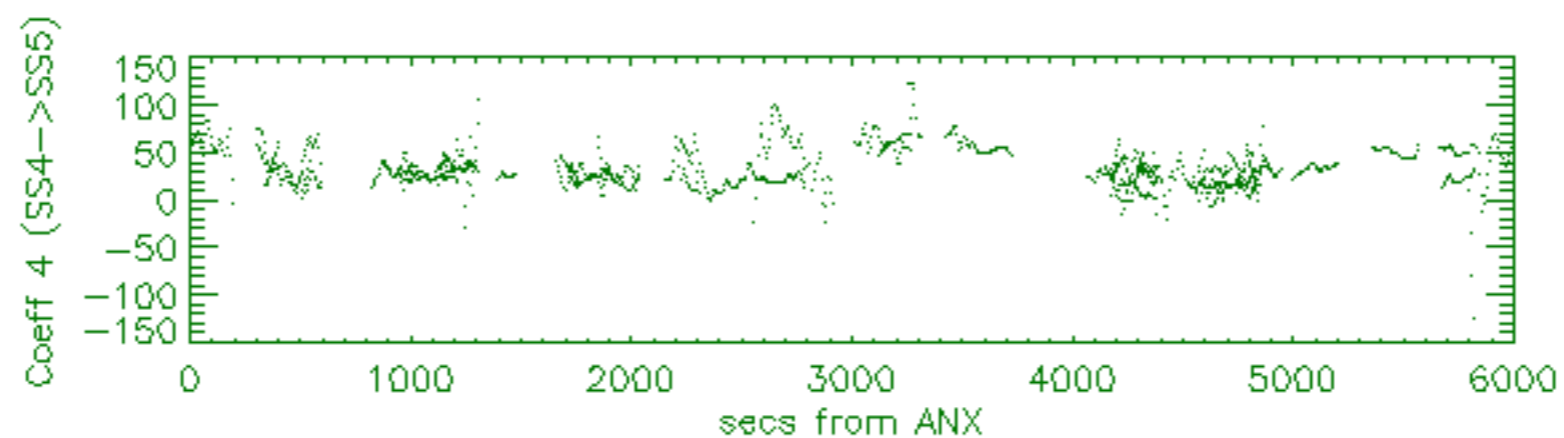
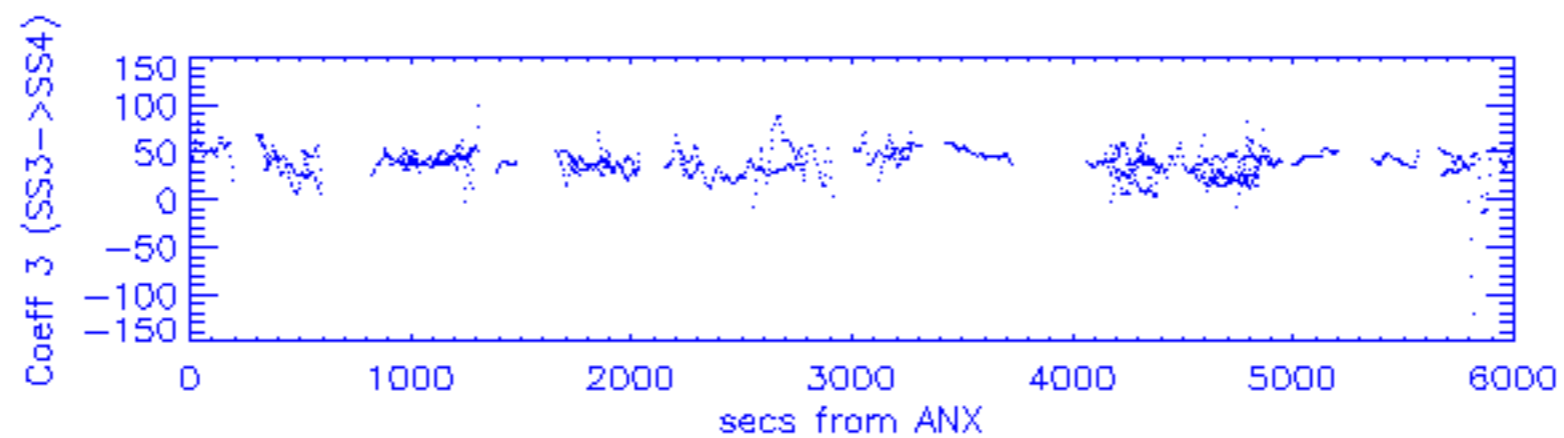
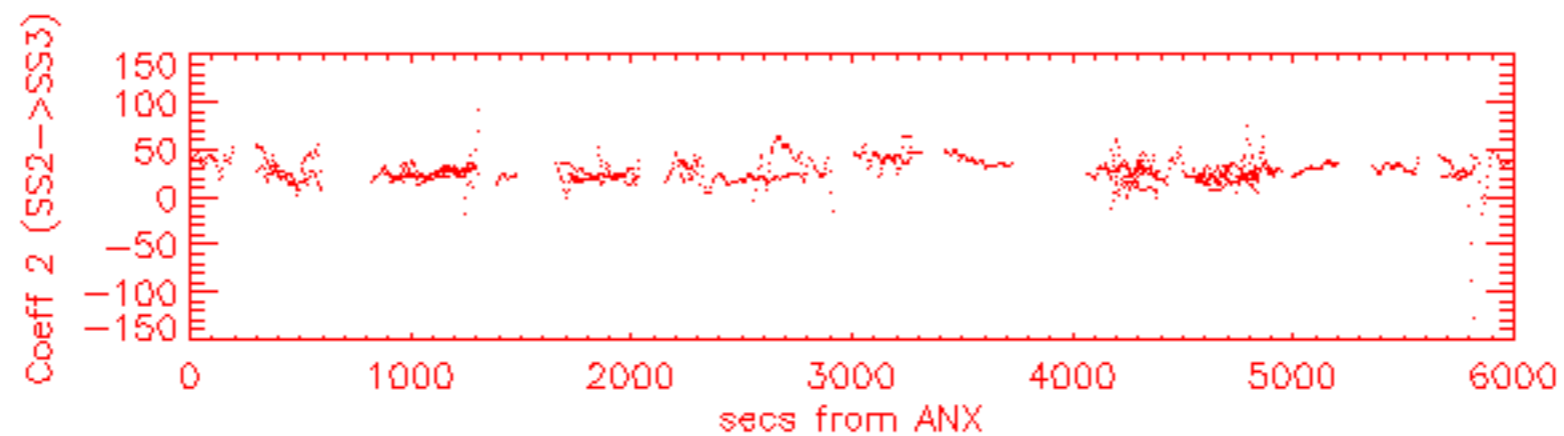
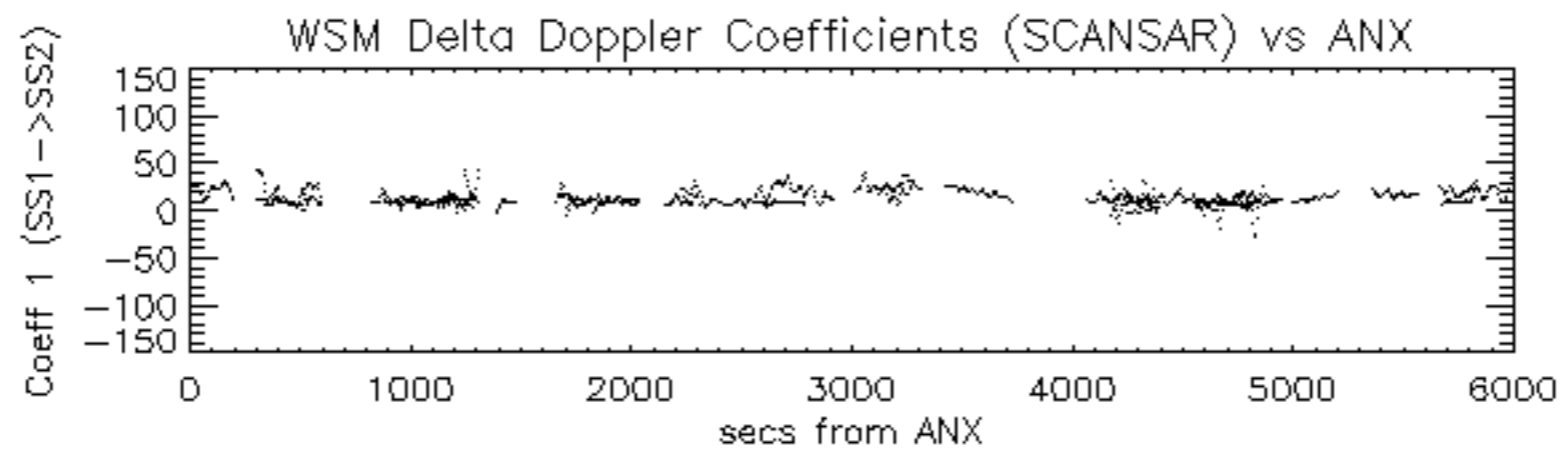




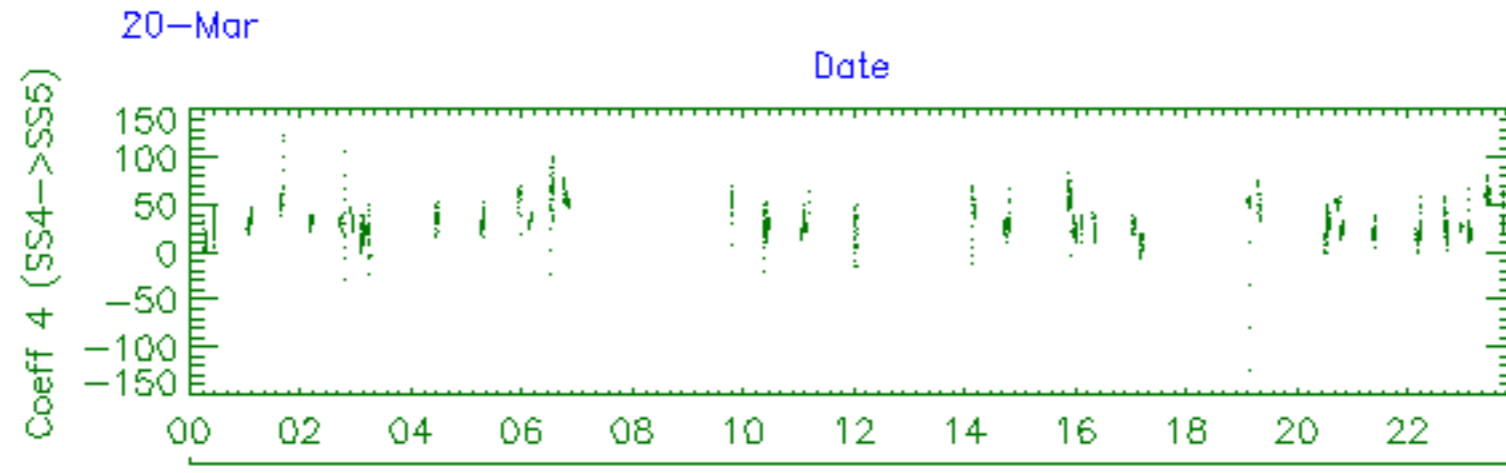
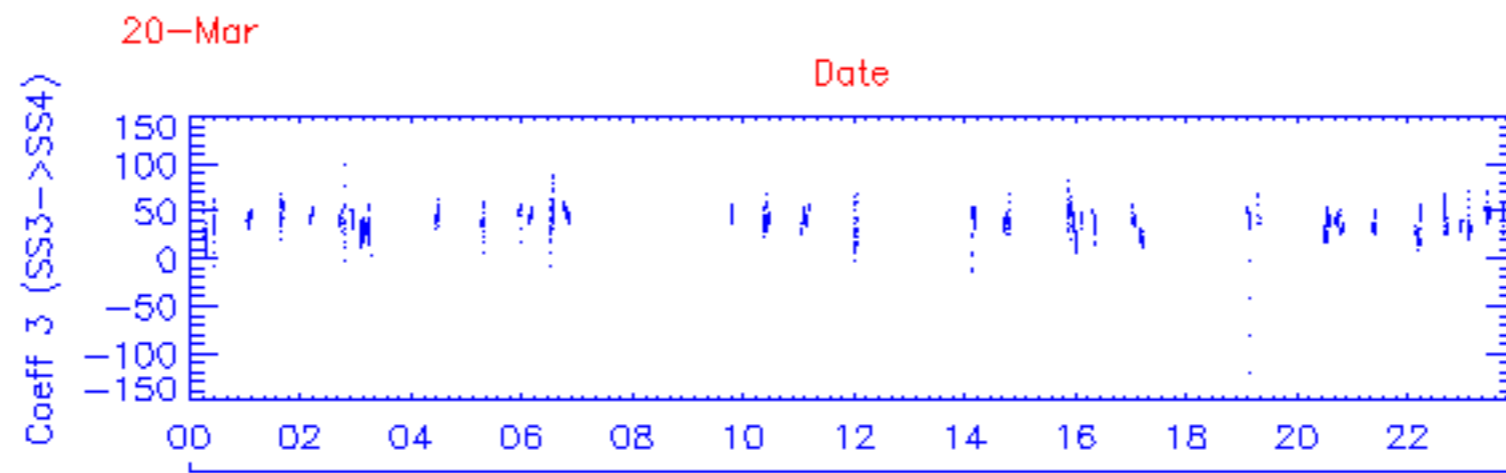
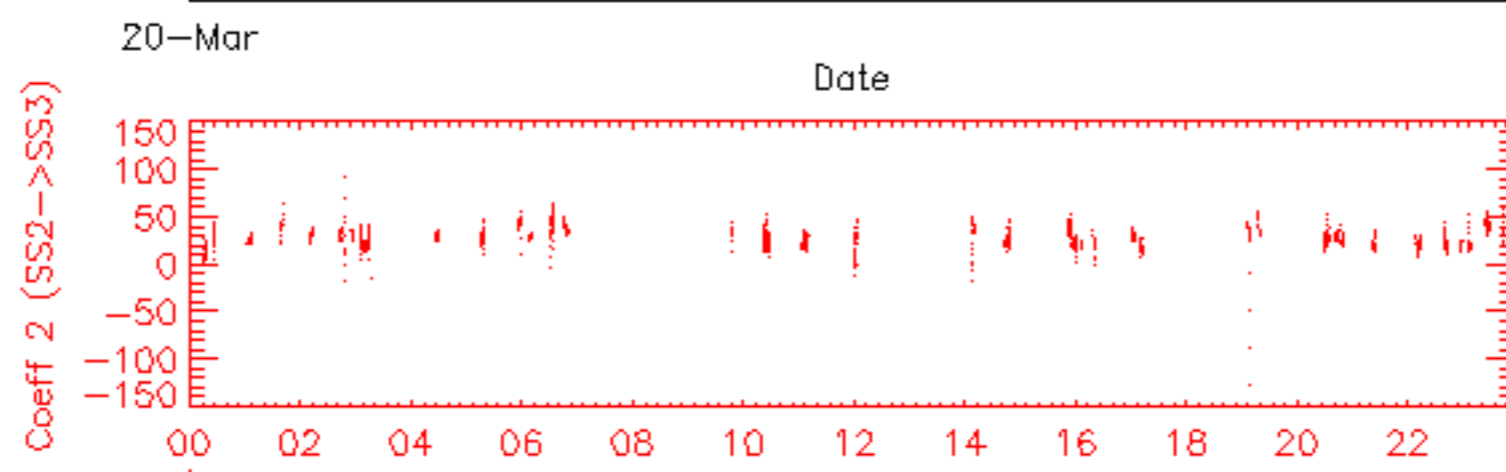
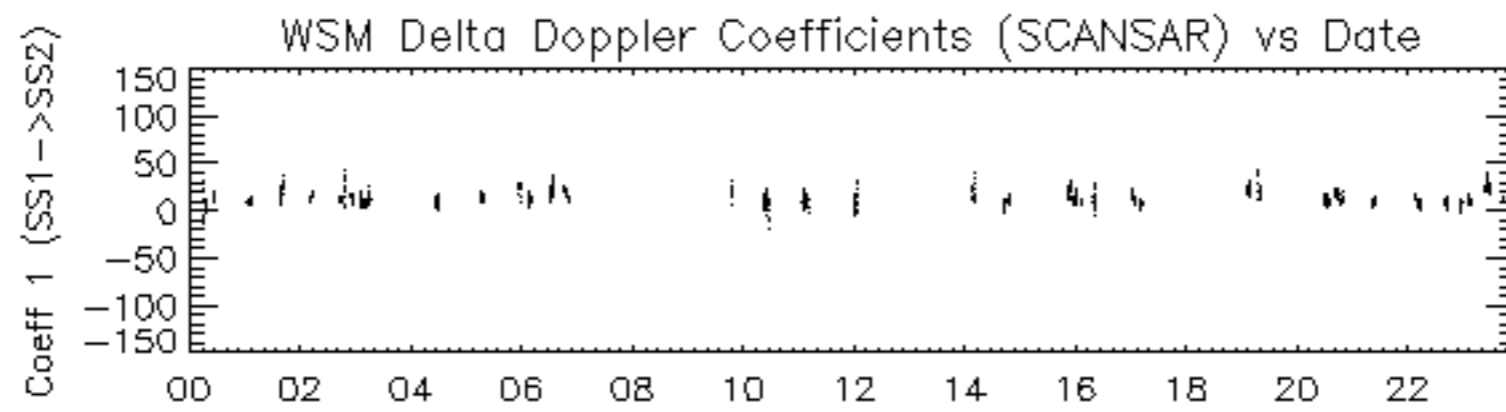






















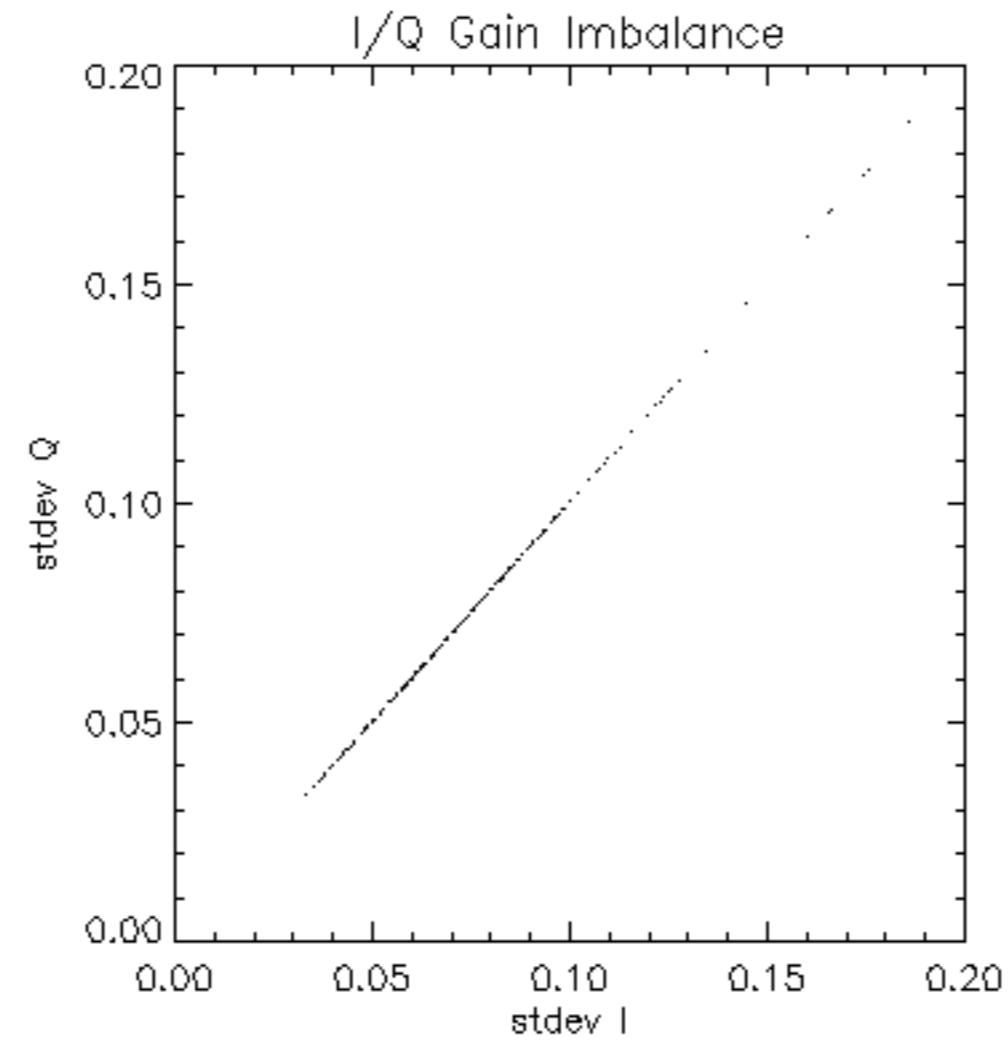


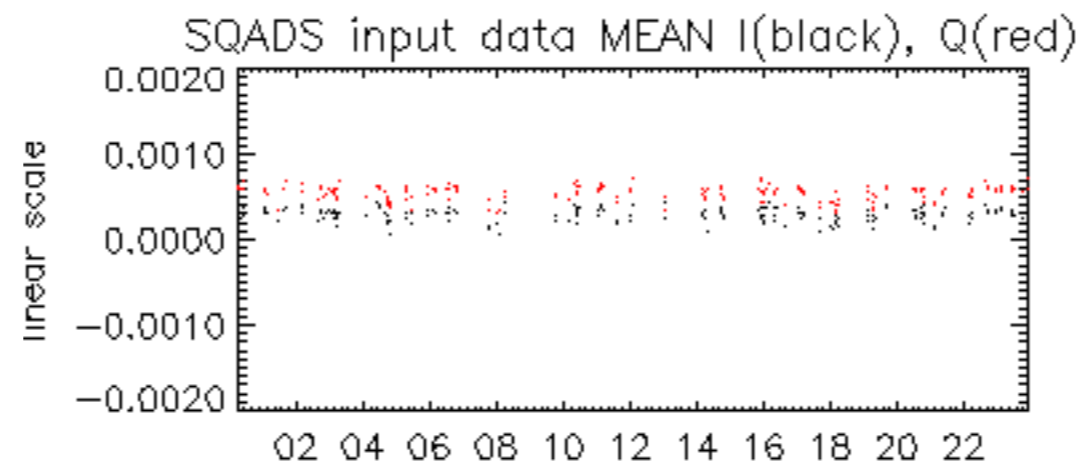




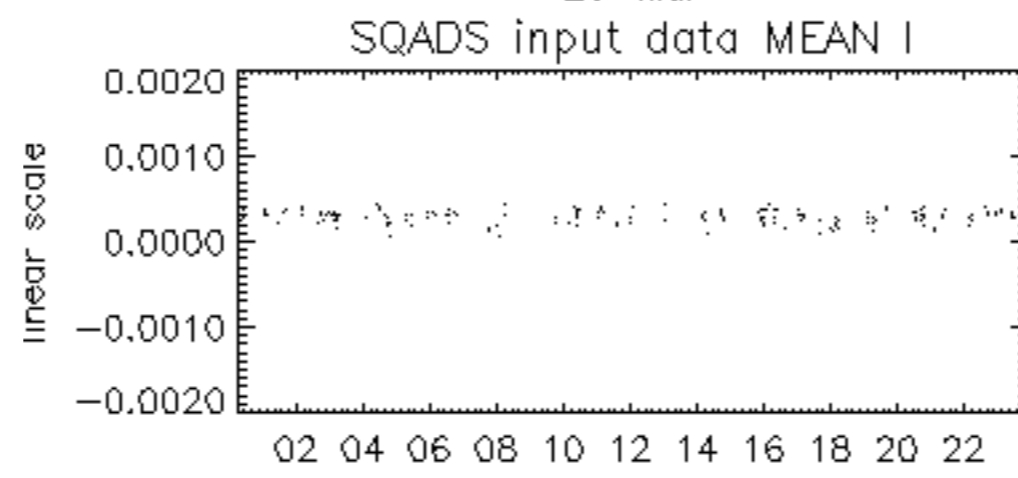




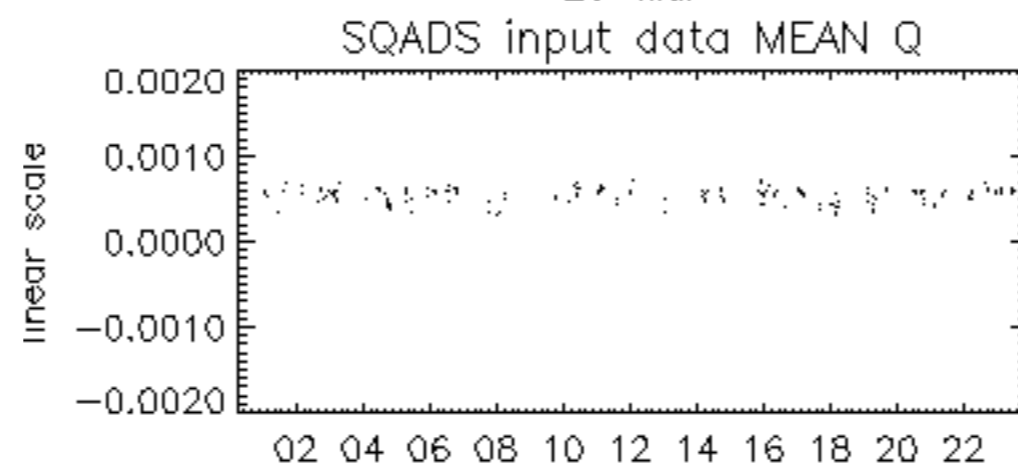




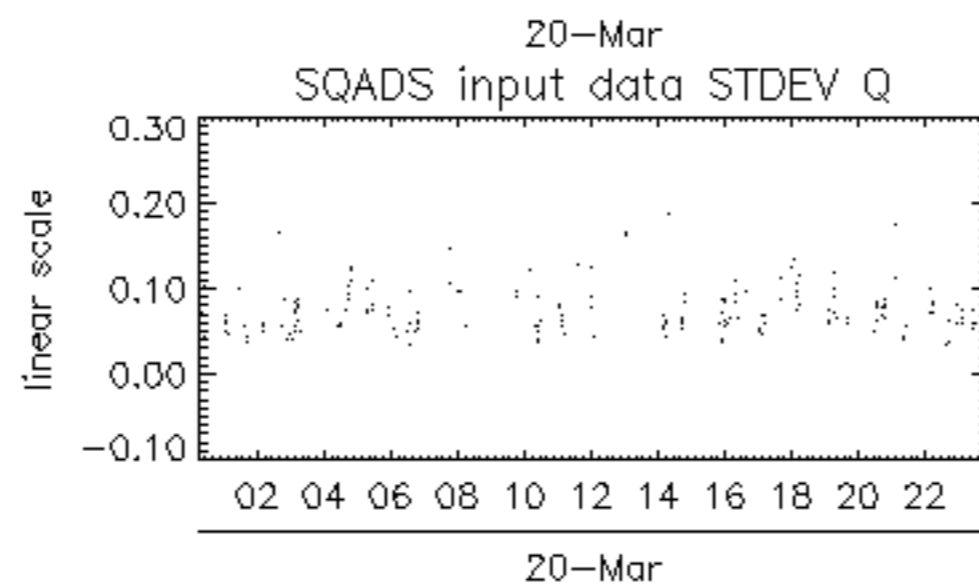
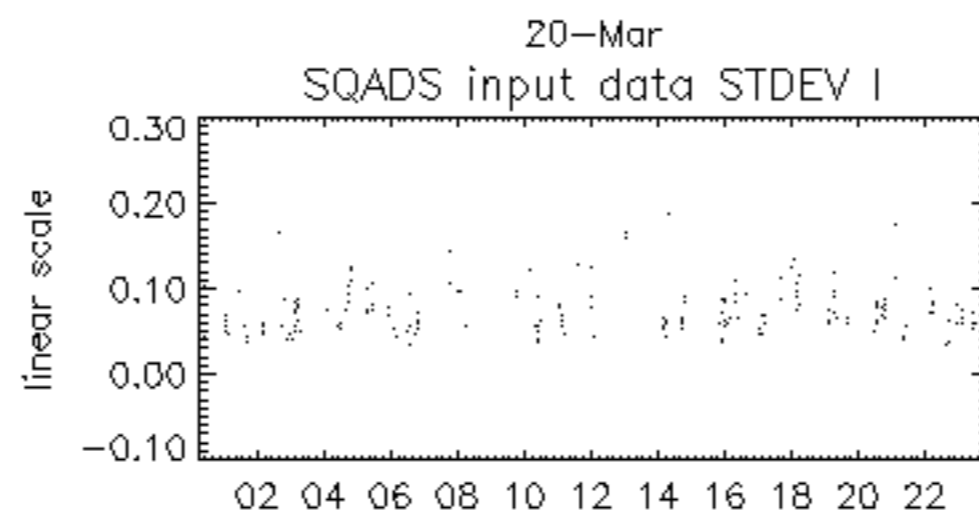
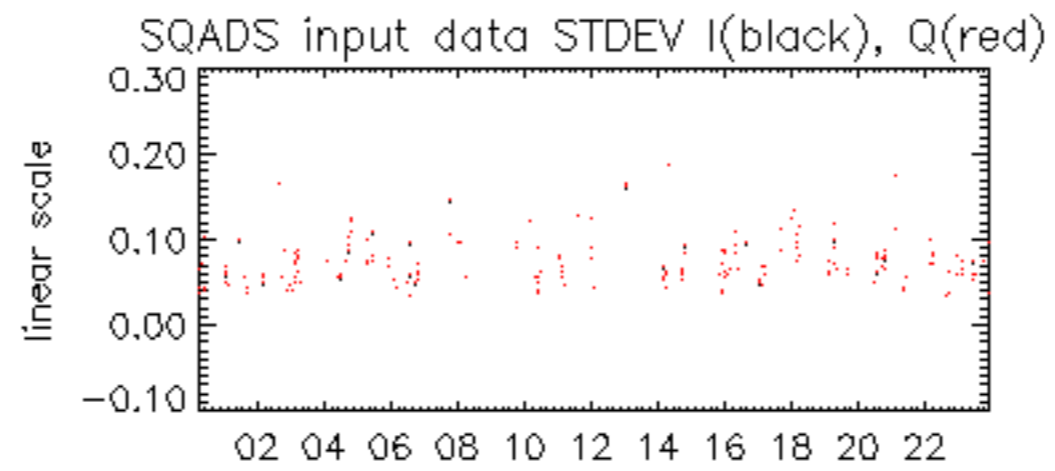
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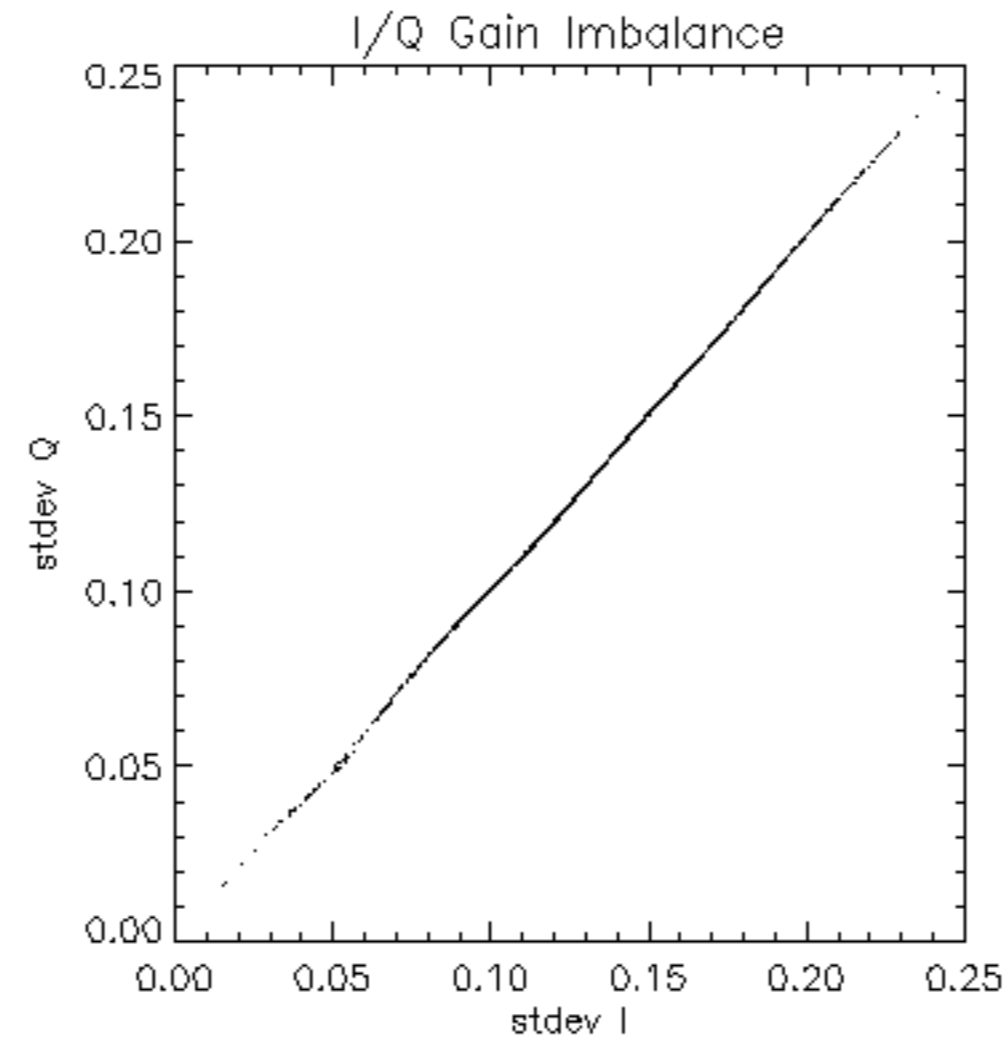
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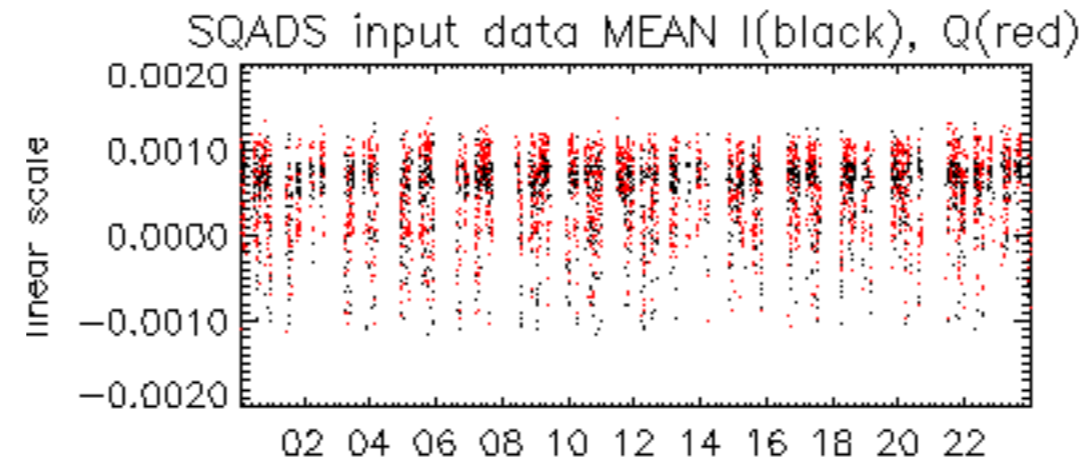


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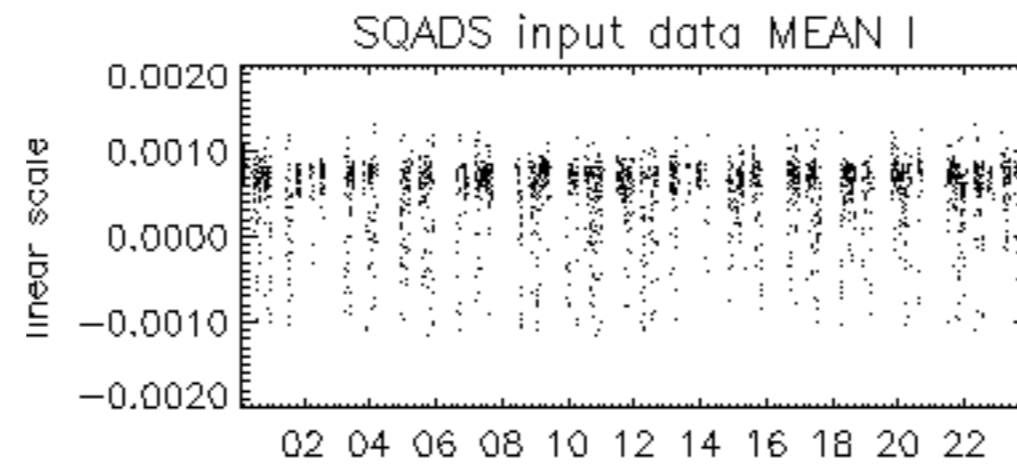




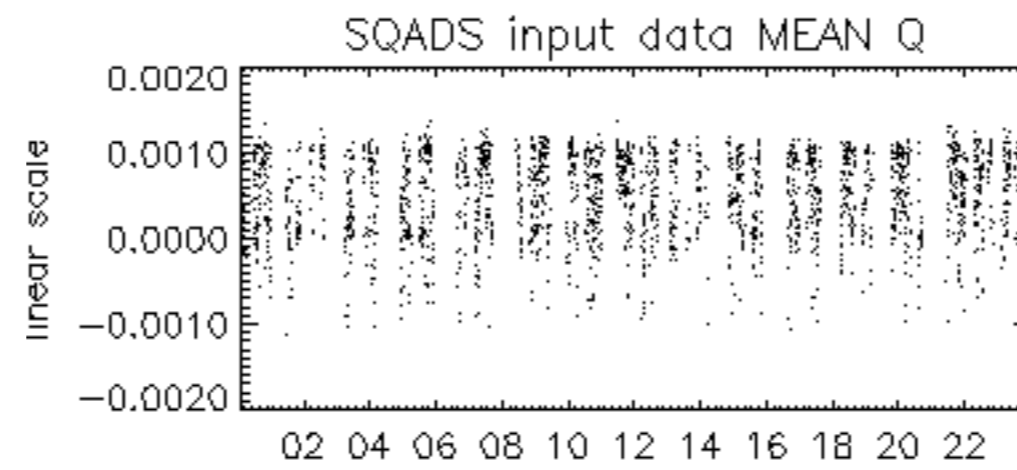




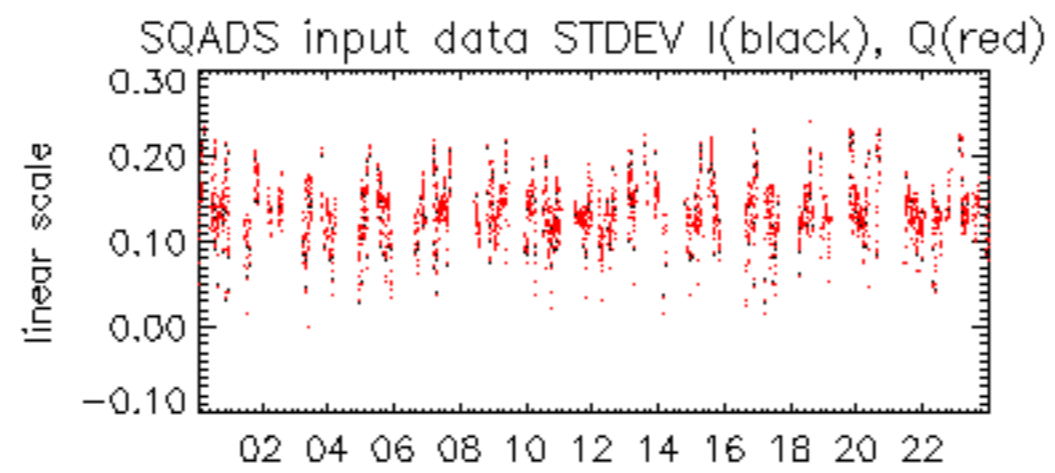
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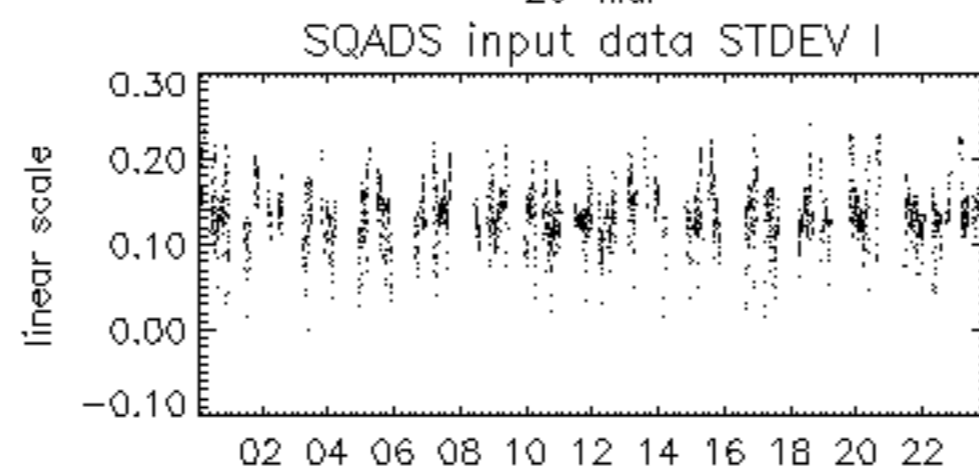
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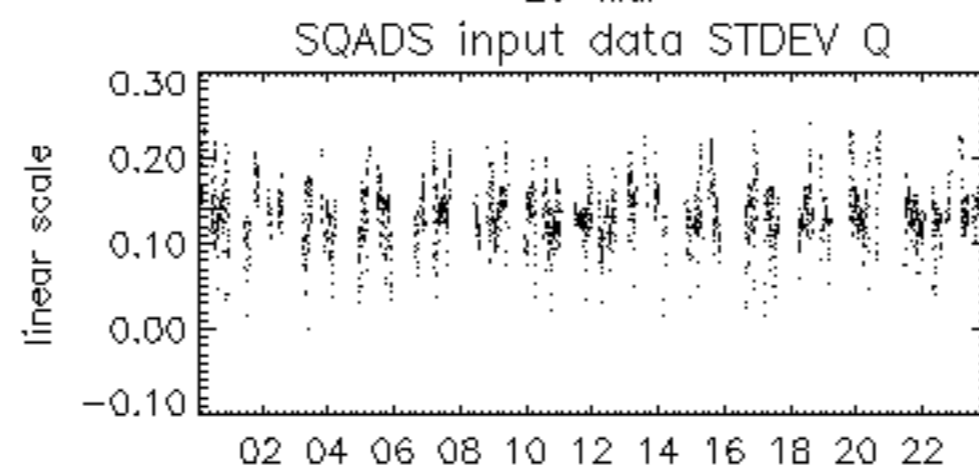
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