



Analysis from 15-SEP-2011 00:00:00 to 15-SEP-2011 23:59:59. Page generated on 16-SEP-2011 07:32:27.  
View log file: ASAR\_Daily\_Report\_20110916\_0731.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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| WVS    |      |     |    | GM1    |      |     |    | APM    |      |     |   | IMM    |      |     |   | WSM    |      |     |    | MS     |                     |     |         |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | #  | Center | Beam | Pol | #  | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | #  | Center | Time                | Pol | Modules |
| PDE    | IS1  | V/V | 2  | PDE    | WS   | H/H | 42 | PDE    | IS2  | V/H | 1 | PDE    | IS2  | H/H | 1 | PDE    | WS   | H/H | 22 | PDK    | 2011-09-15 09:05:32 | H   | 320     |
| PDE    | IS2  | V/V | 26 | PDK    | WS   | H/H | 33 | PDE    | IS4  | V/V | 1 | PDE    | IS2  | V/V | 1 | PDE    | WS   | V/V | 6  | PDK    | 2011-09-15 10:45:46 | V   | 320     |
| PDK    | IS2  | V/V | 22 |        |      |     |    | PDK    | IS4  | V/H | 1 | PDE    | IS3  | V/V | 1 | PDK    | WS   | H/H | 15 |        |                     |     |         |
|        |      |     |    |        |      |     |    | PDK    | IS6  | H/H | 1 | PDE    | IS5  | H/H | 1 | PDK    | WS   | V/V | 1  |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS5  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | H/H | 2 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDE    | IS6  | V/V | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS5  | H/H | 1 |        |      |     |    |        |                     |     |         |
|        |      |     |    |        |      |     |    |        |      |     |   | PDK    | IS7  | H/H | 1 |        |      |     |    |        |                     |     |         |

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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

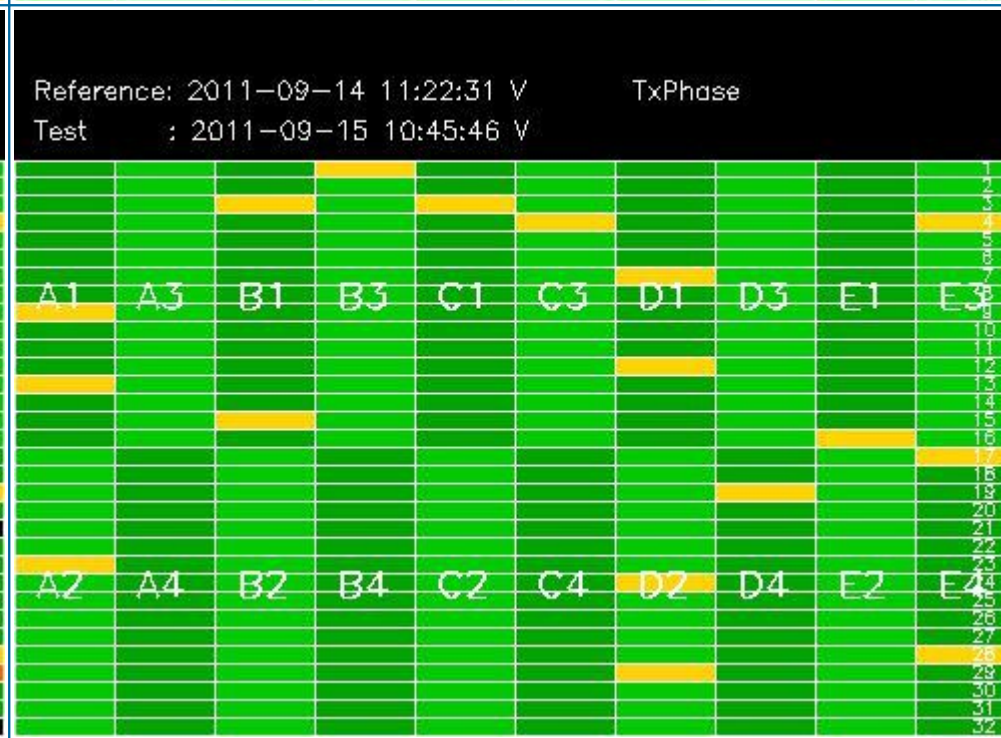
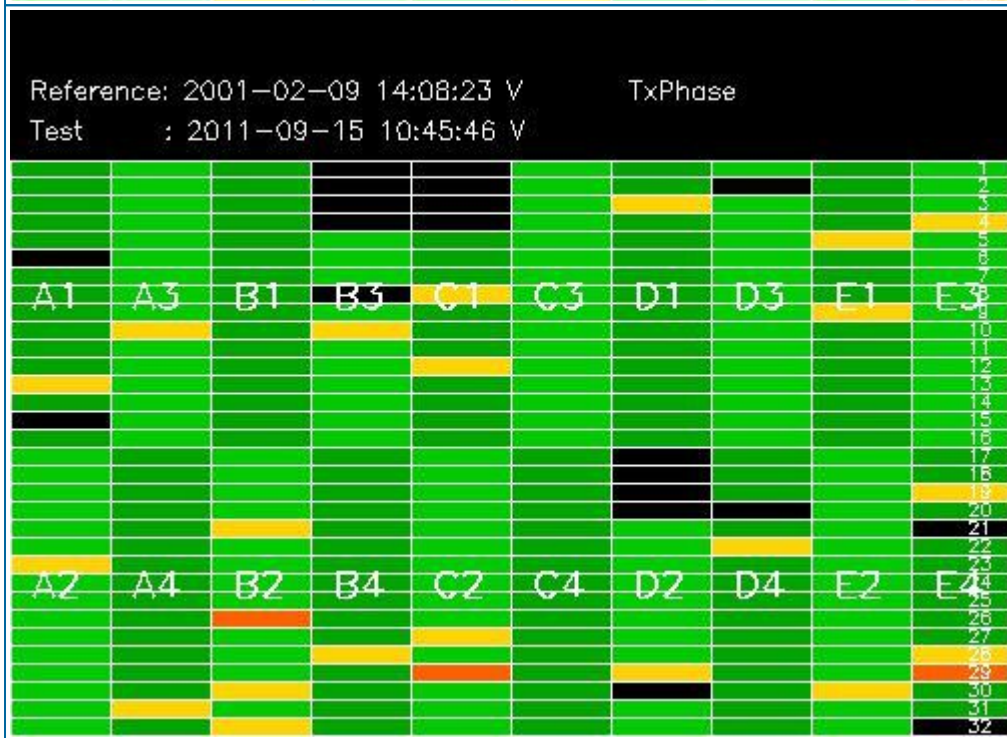
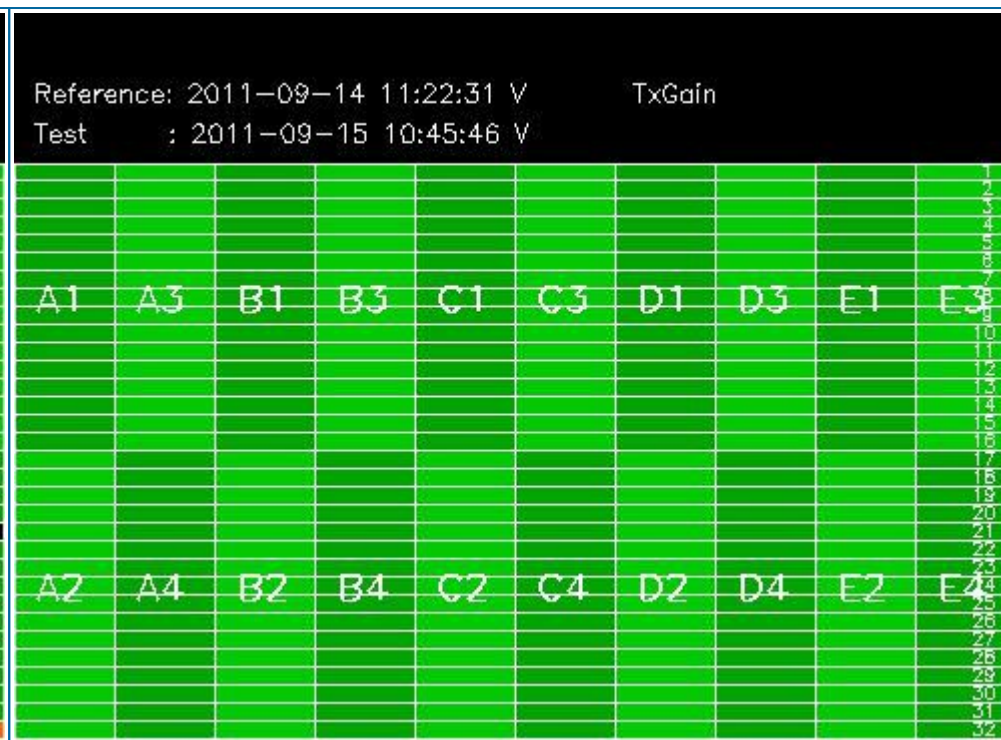
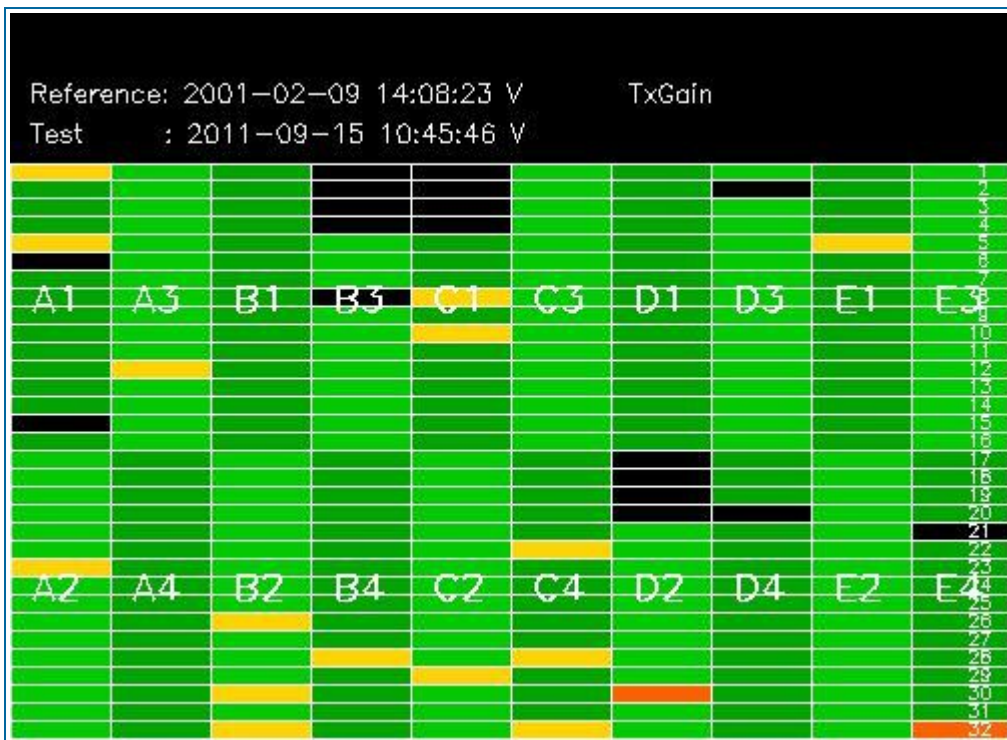
### 2.2 - Products with wrong ADFs

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

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





### 3.2 - H/H polarisation

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

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-09-15 09:05:32 H



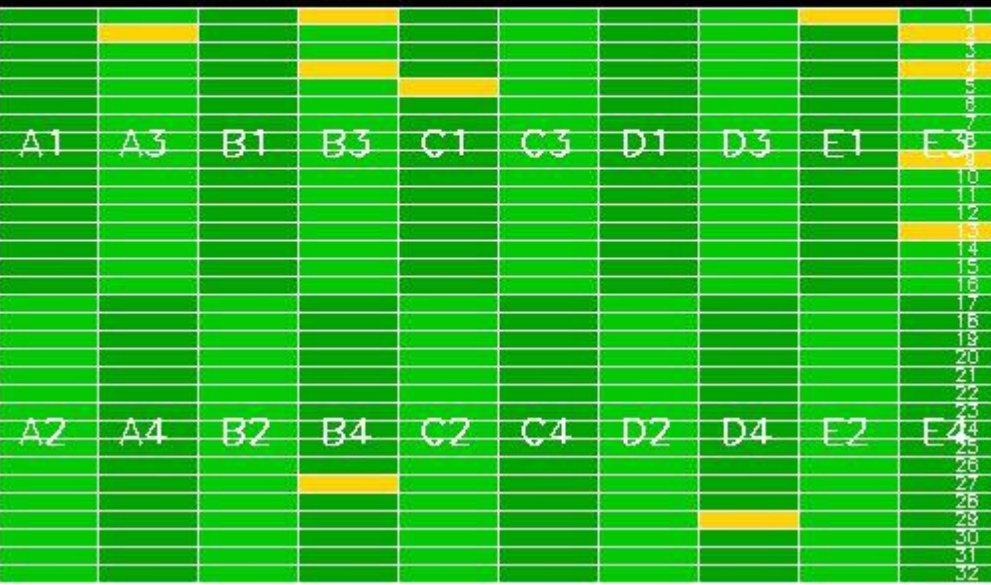
Reference: 2011-09-14 09:42:17 H RxGain  
 Test : 2011-09-15 09:05:32 H

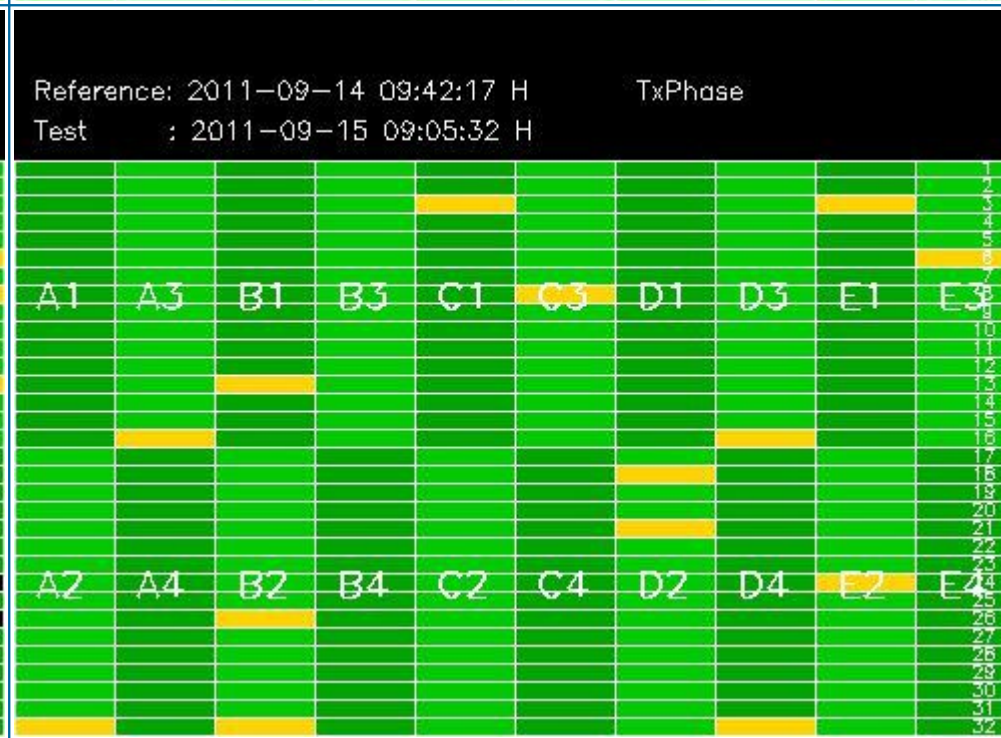
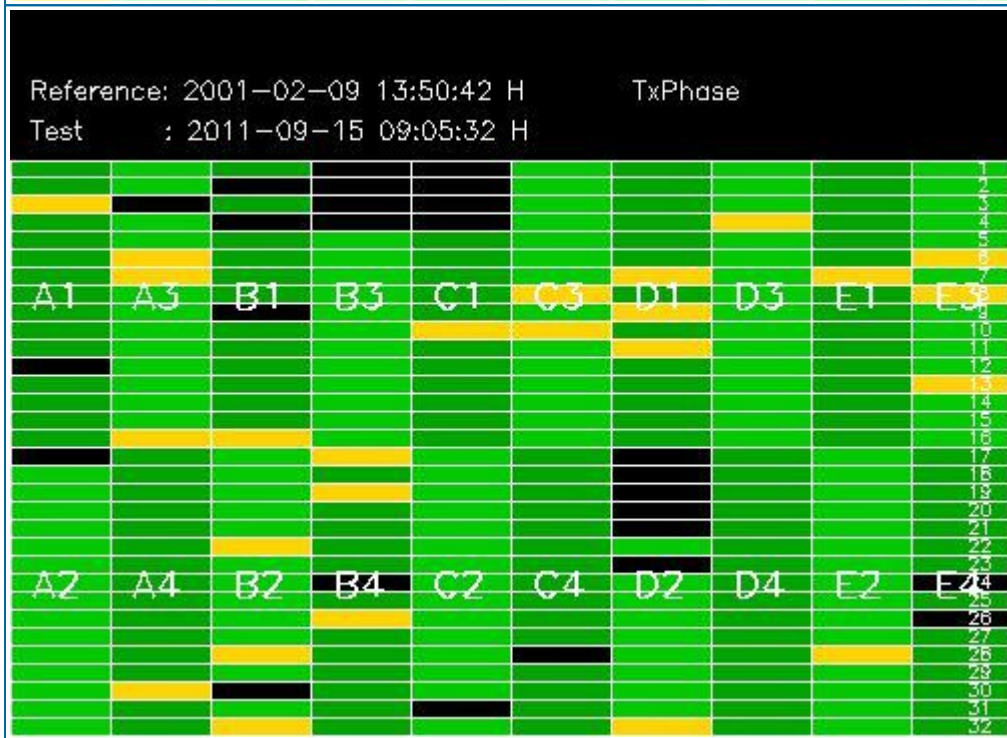
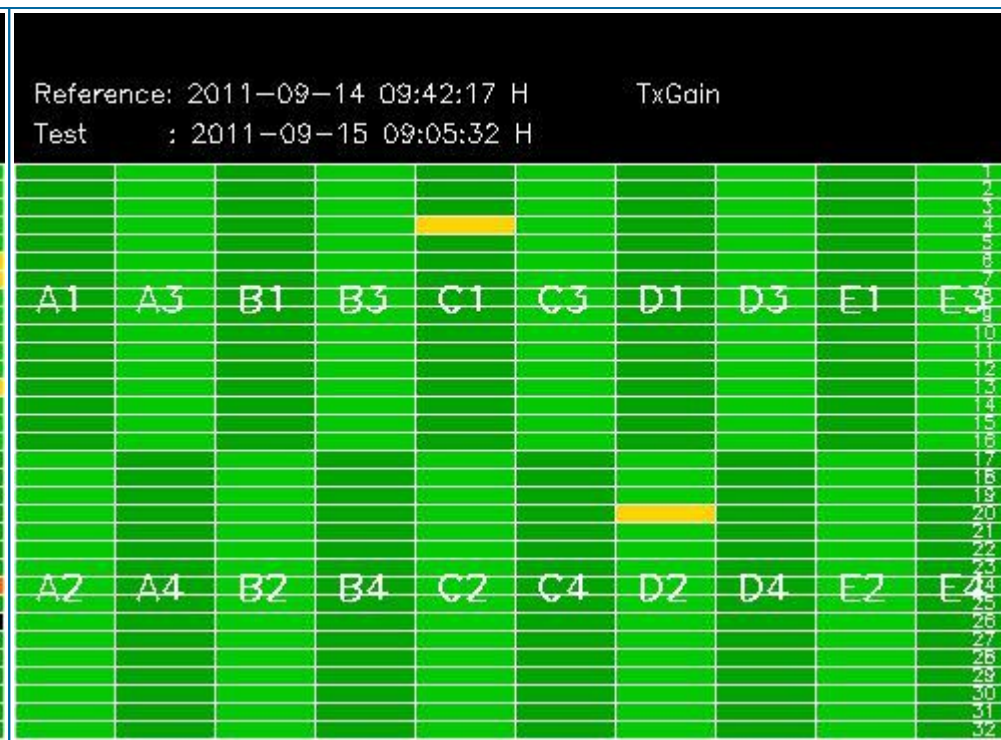
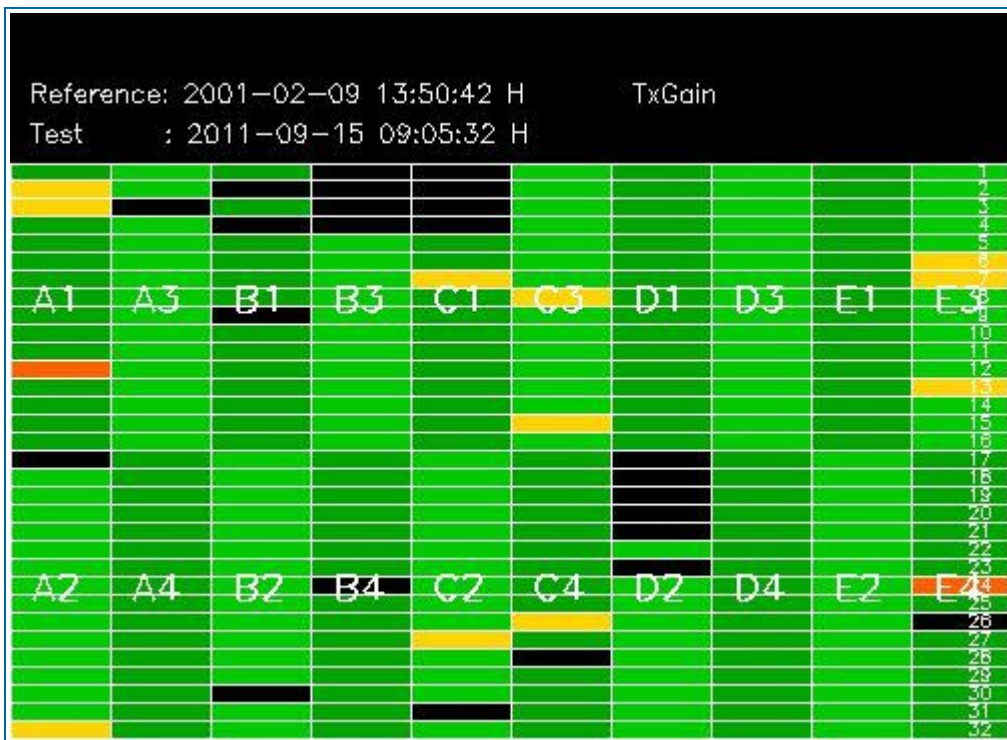


Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-09-15 09:05:32 H



Reference: 2011-09-14 09:42:17 H RxPhase  
 Test : 2011-09-15 09:05:32 H





## 4 - CALIBRATION PULSES ANALYSIS

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

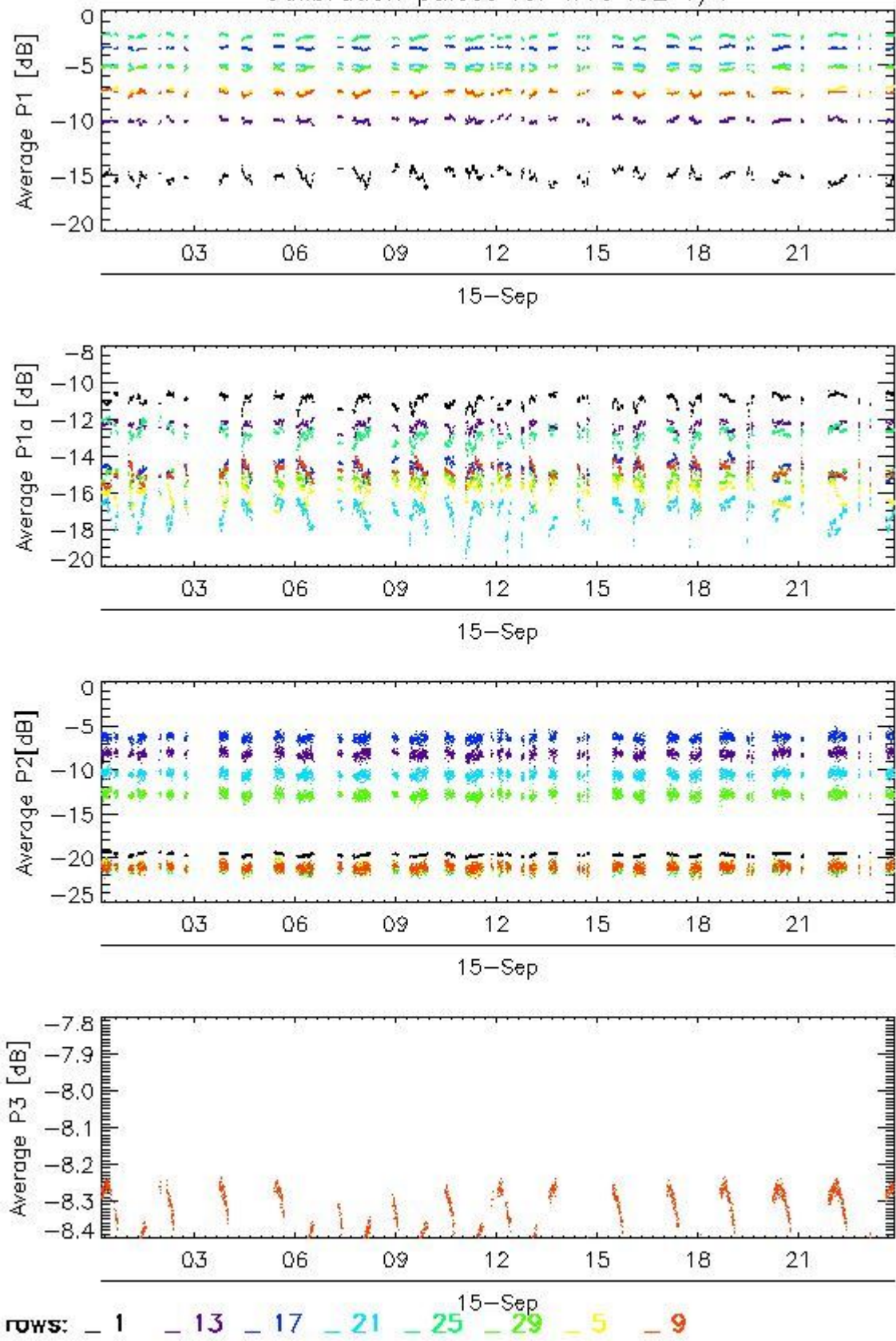
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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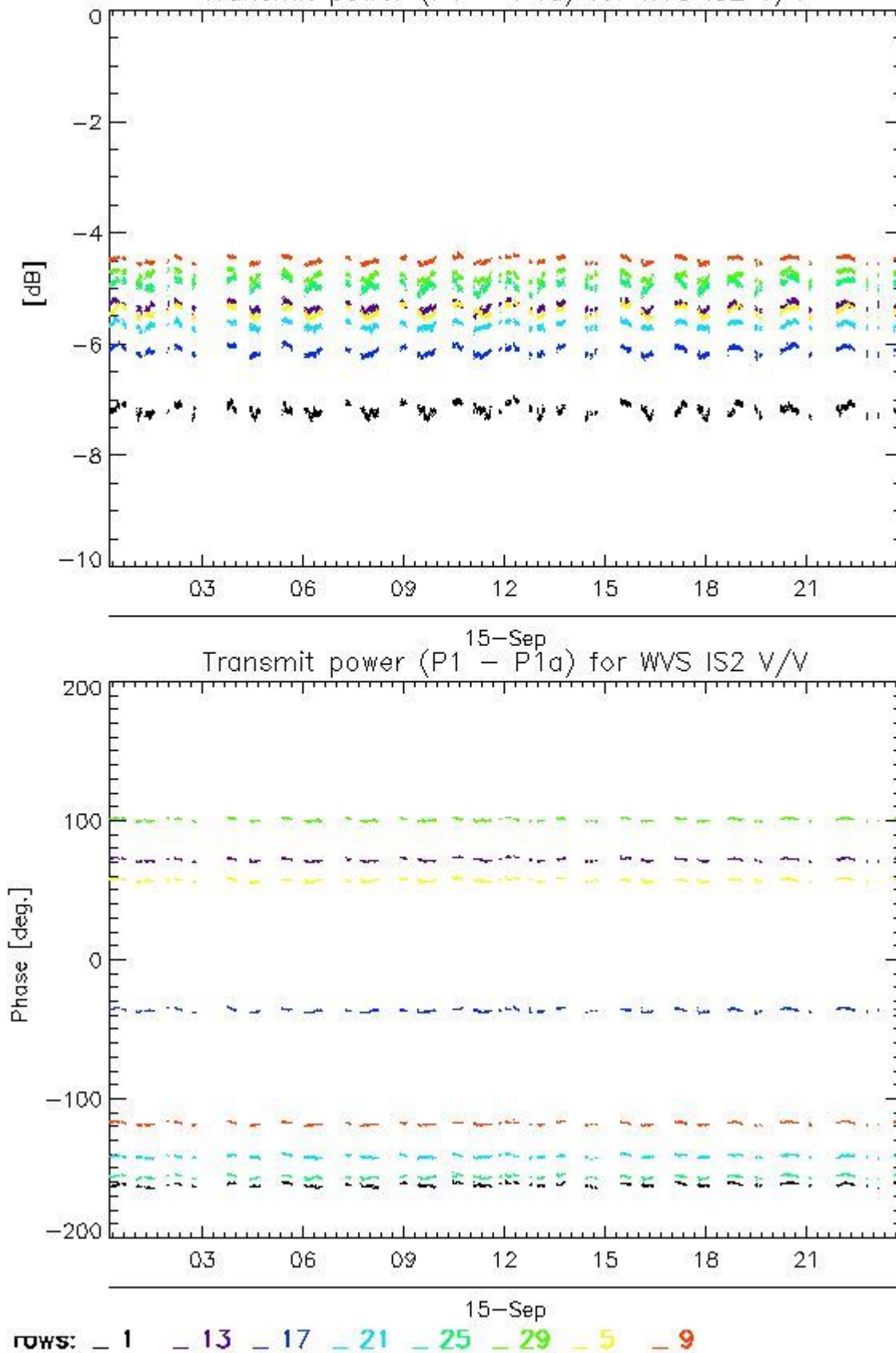
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



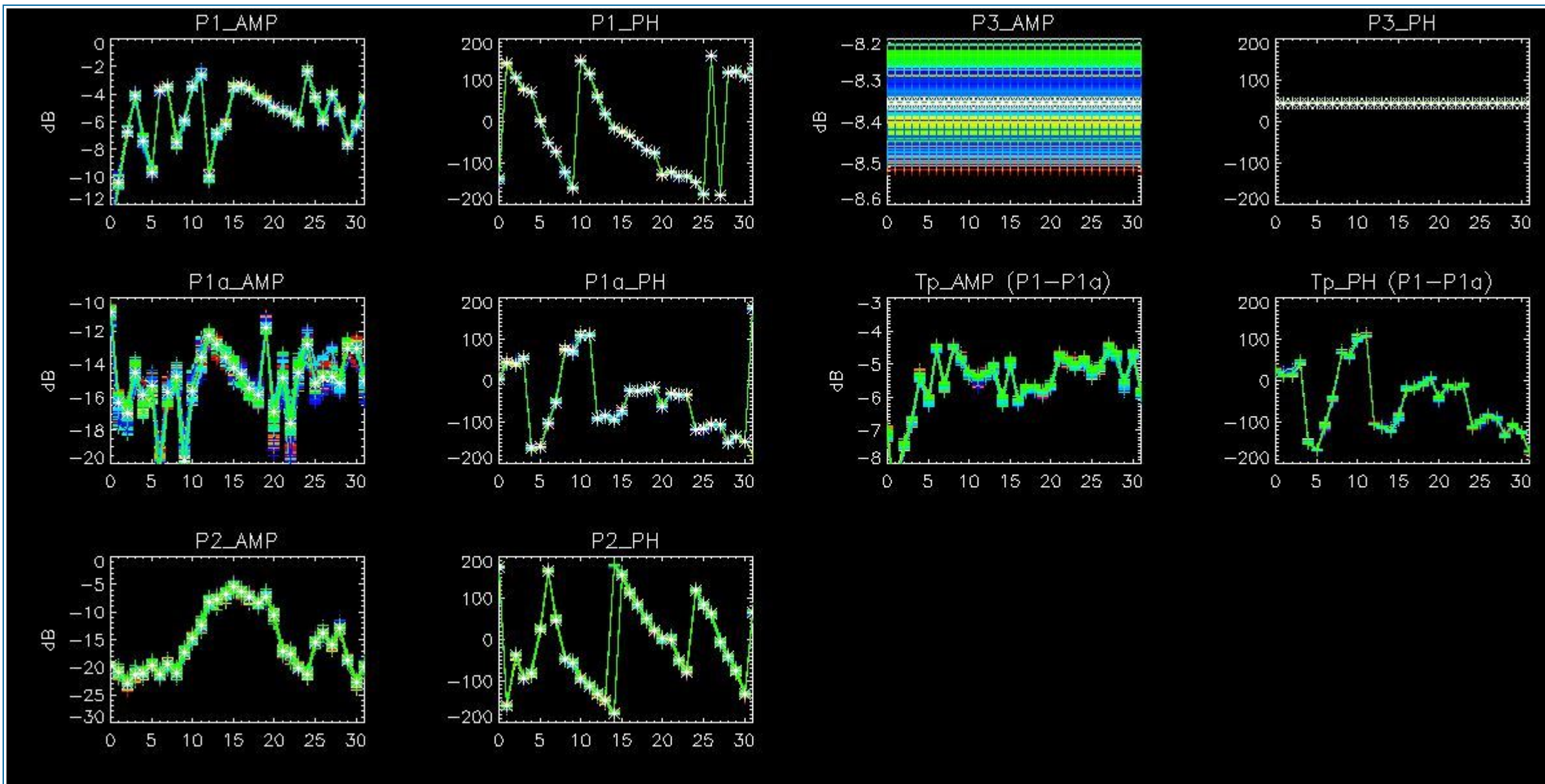
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

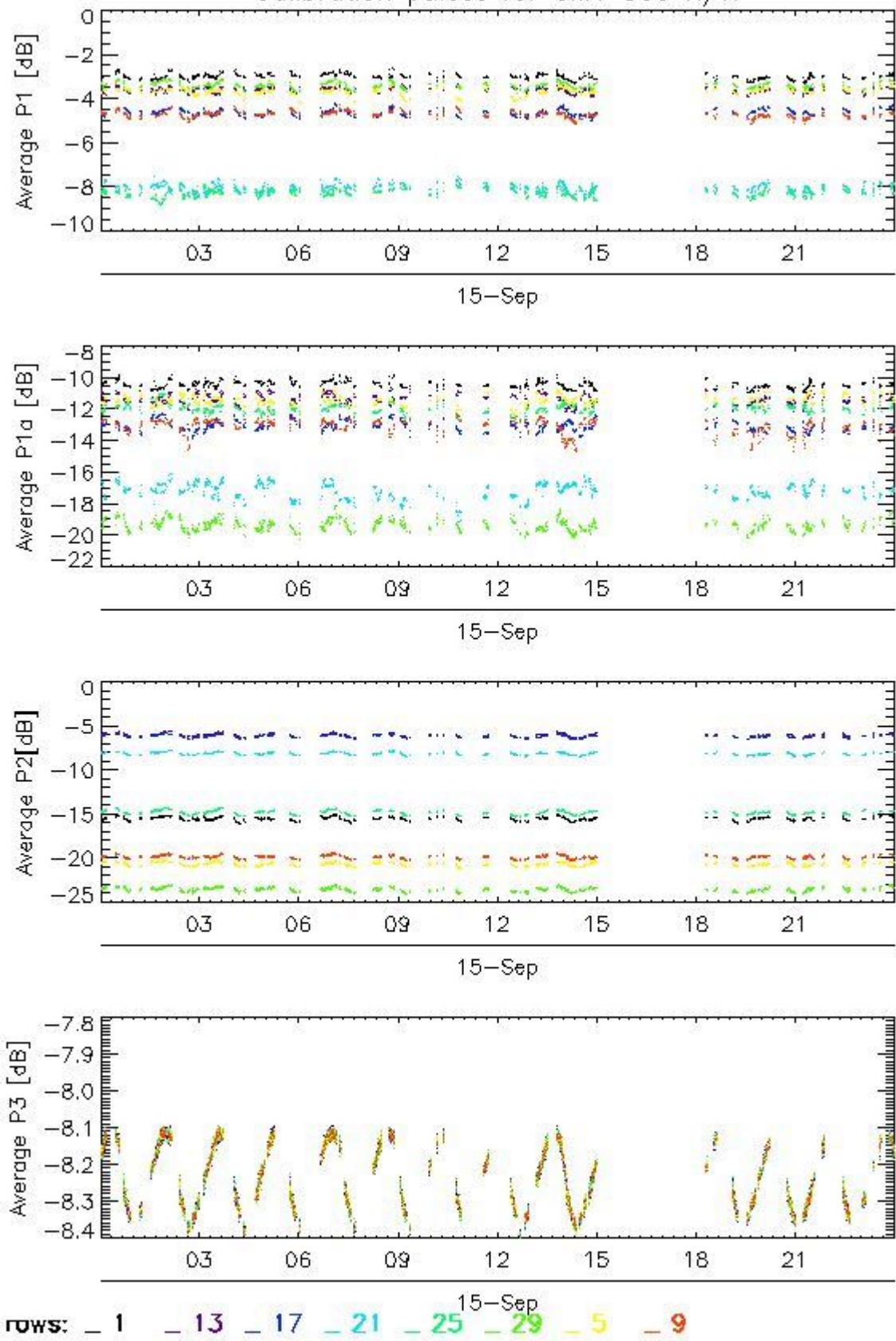
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

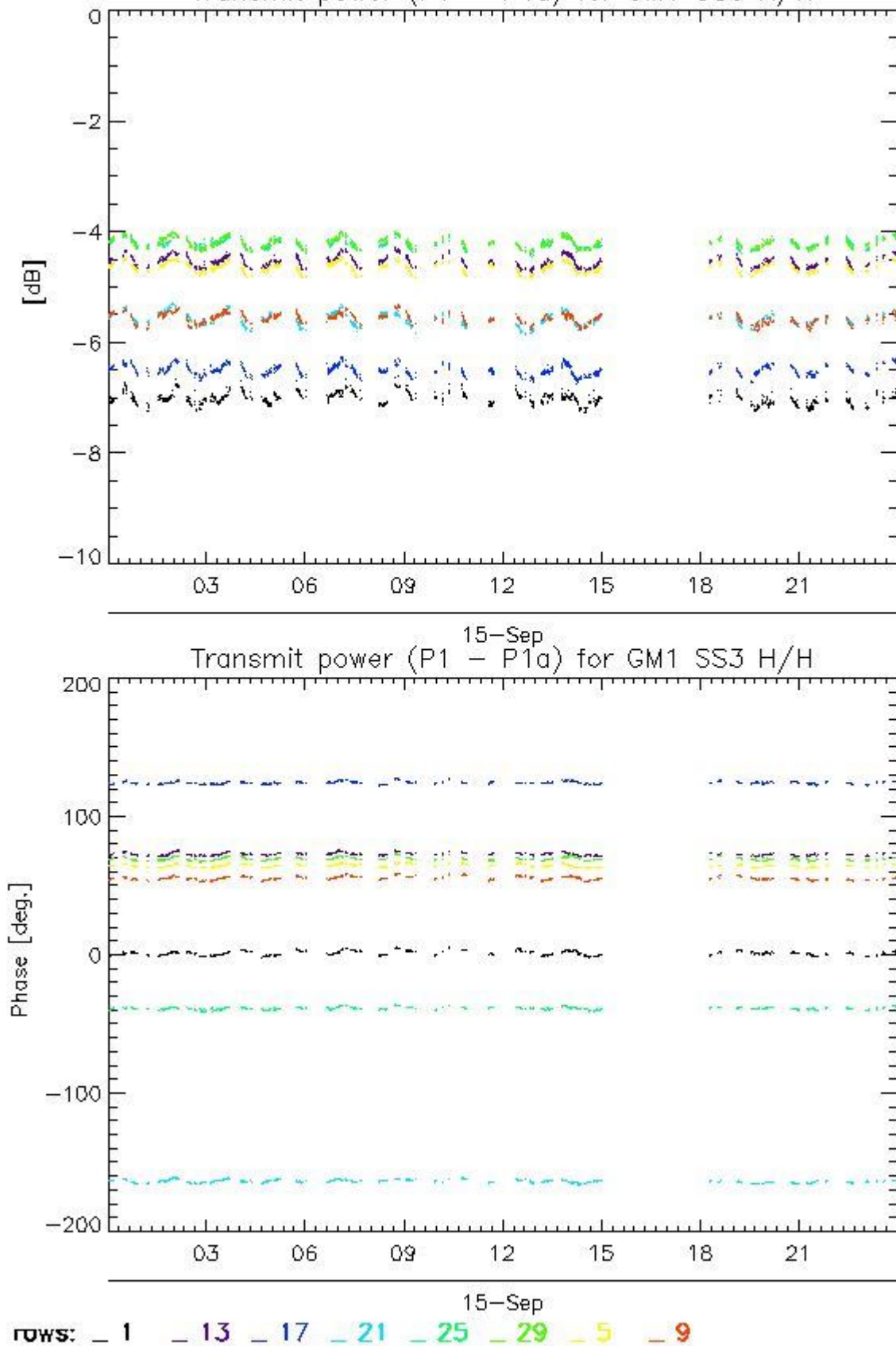
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



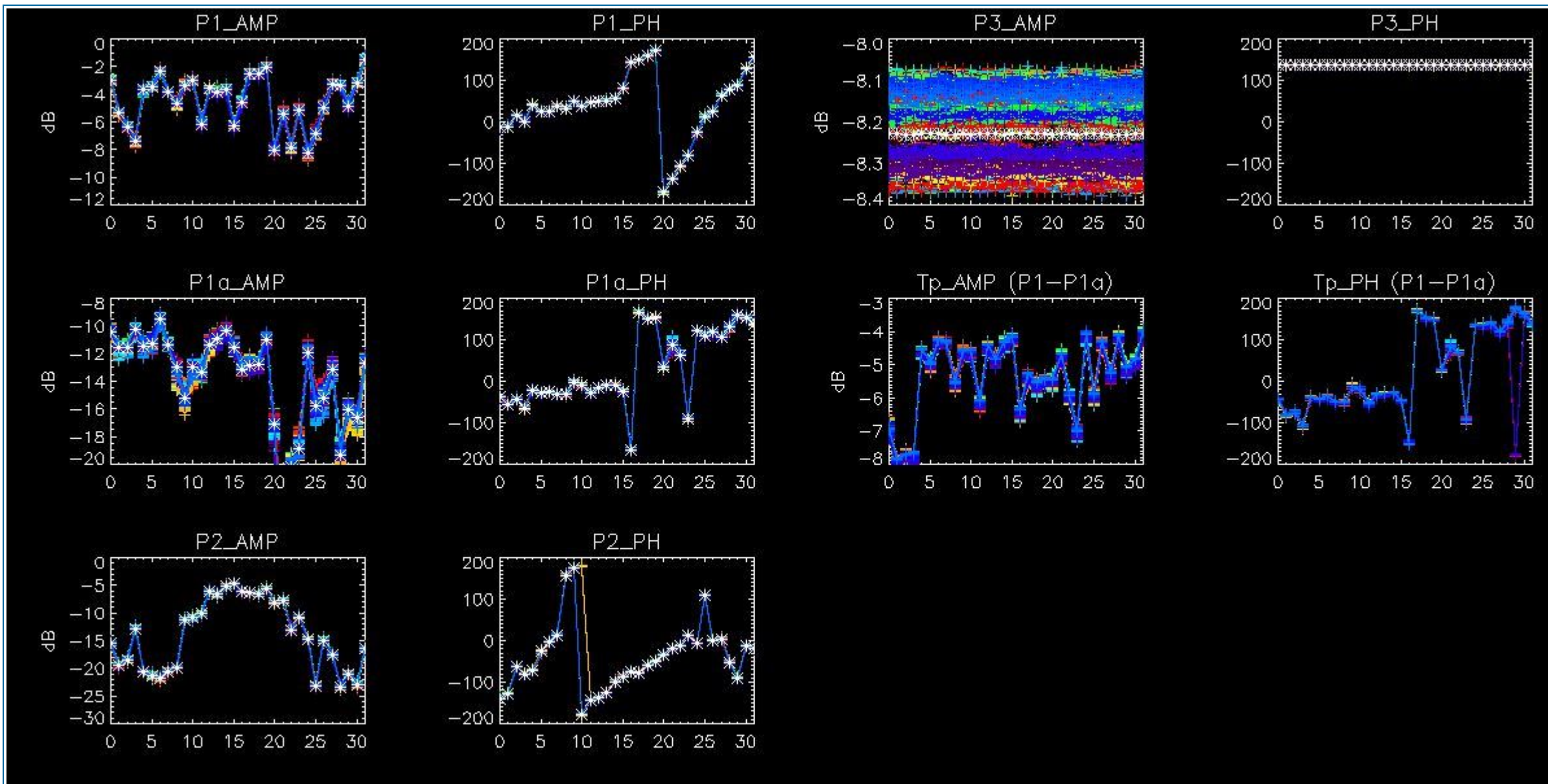
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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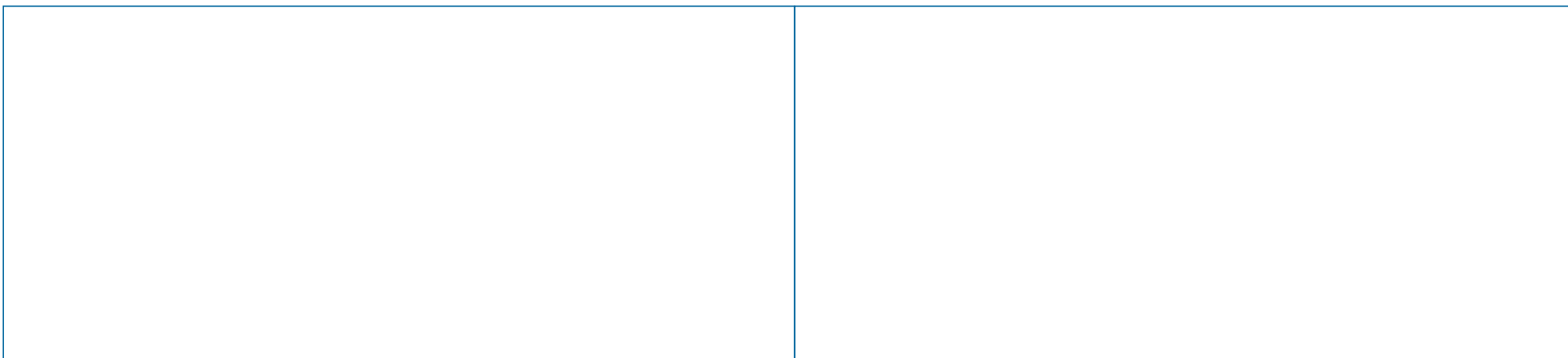


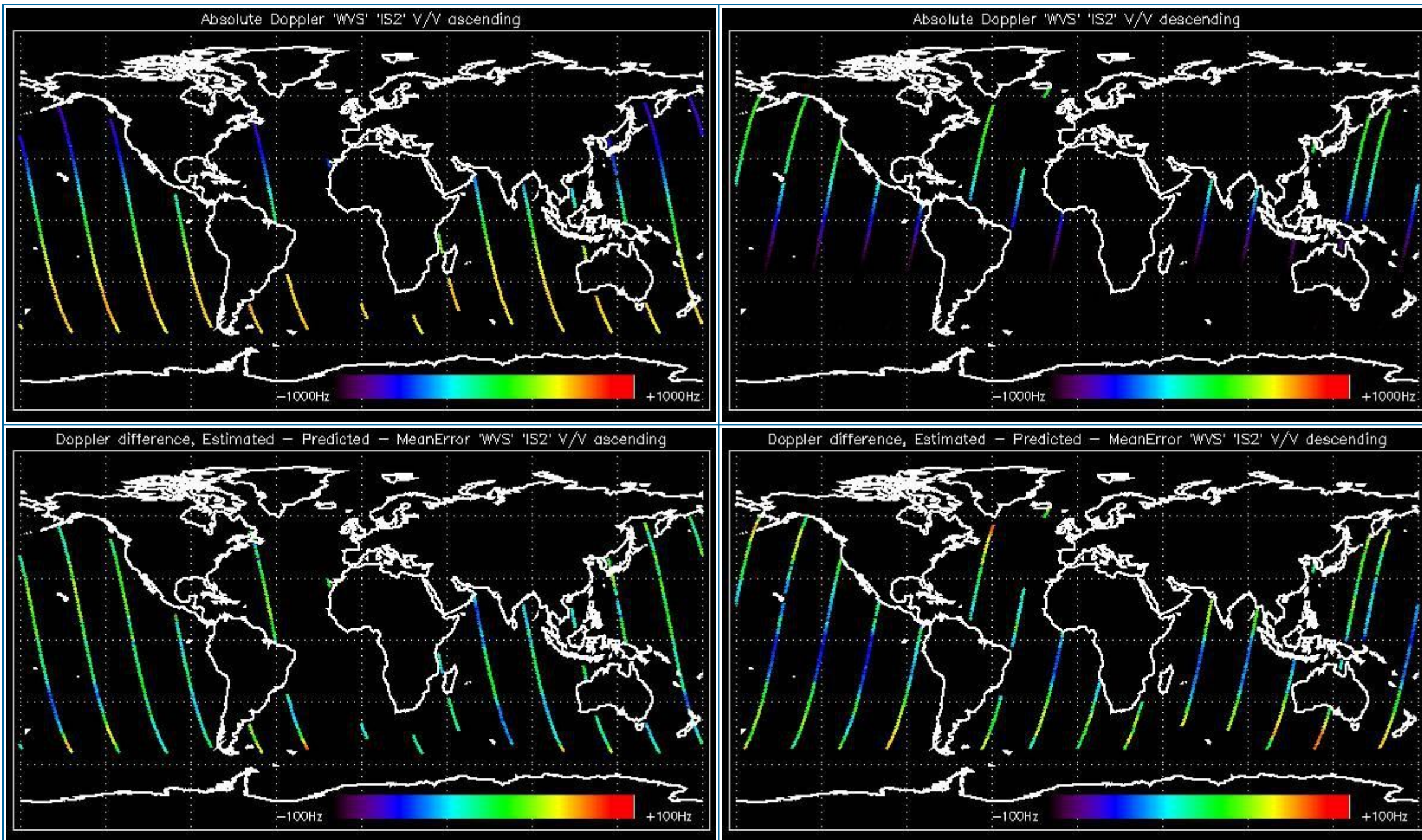
## 5 - DOPPLER ANALYSIS

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

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

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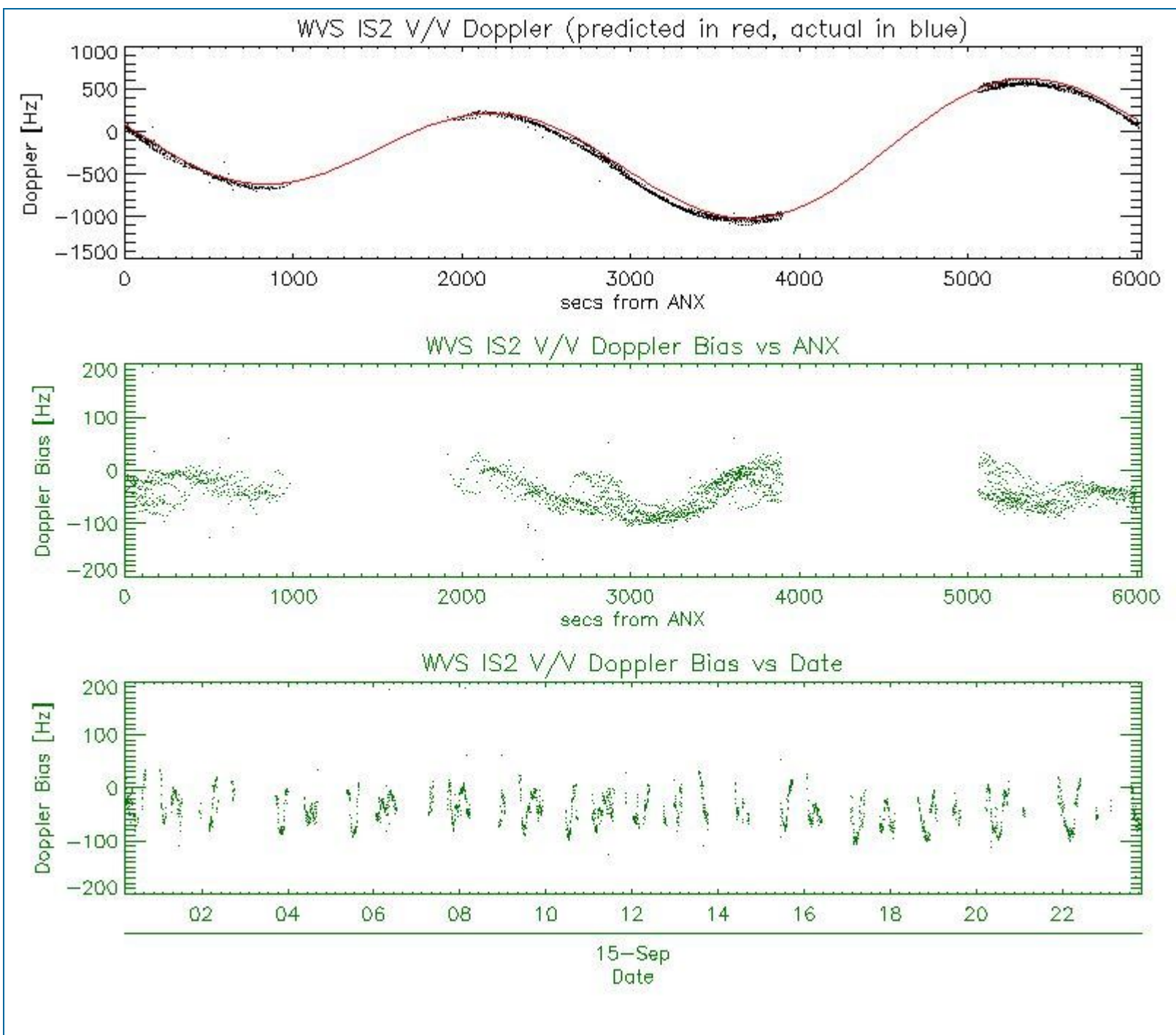




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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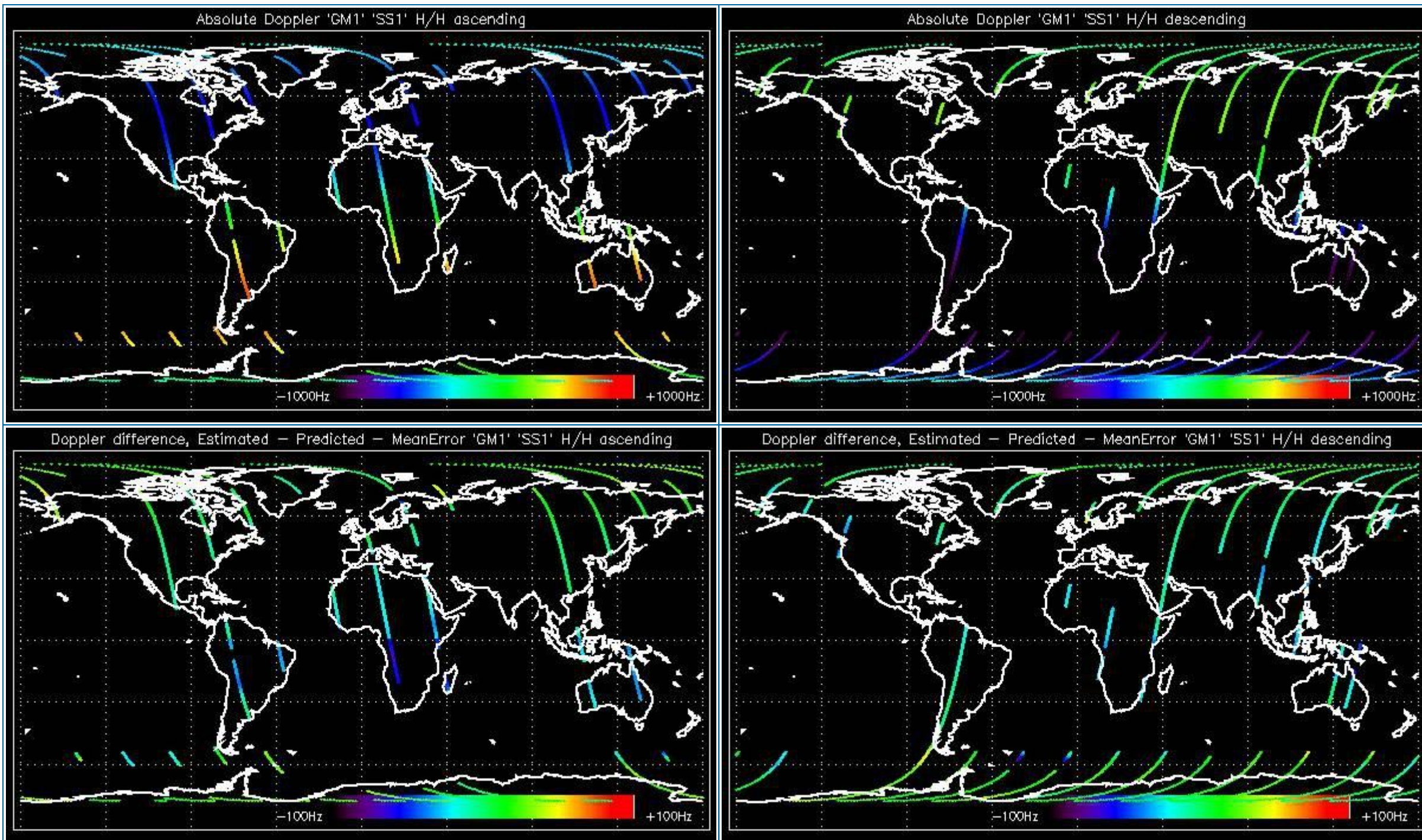


## 5.2 - Analysis for GM1 SS1 H/H

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

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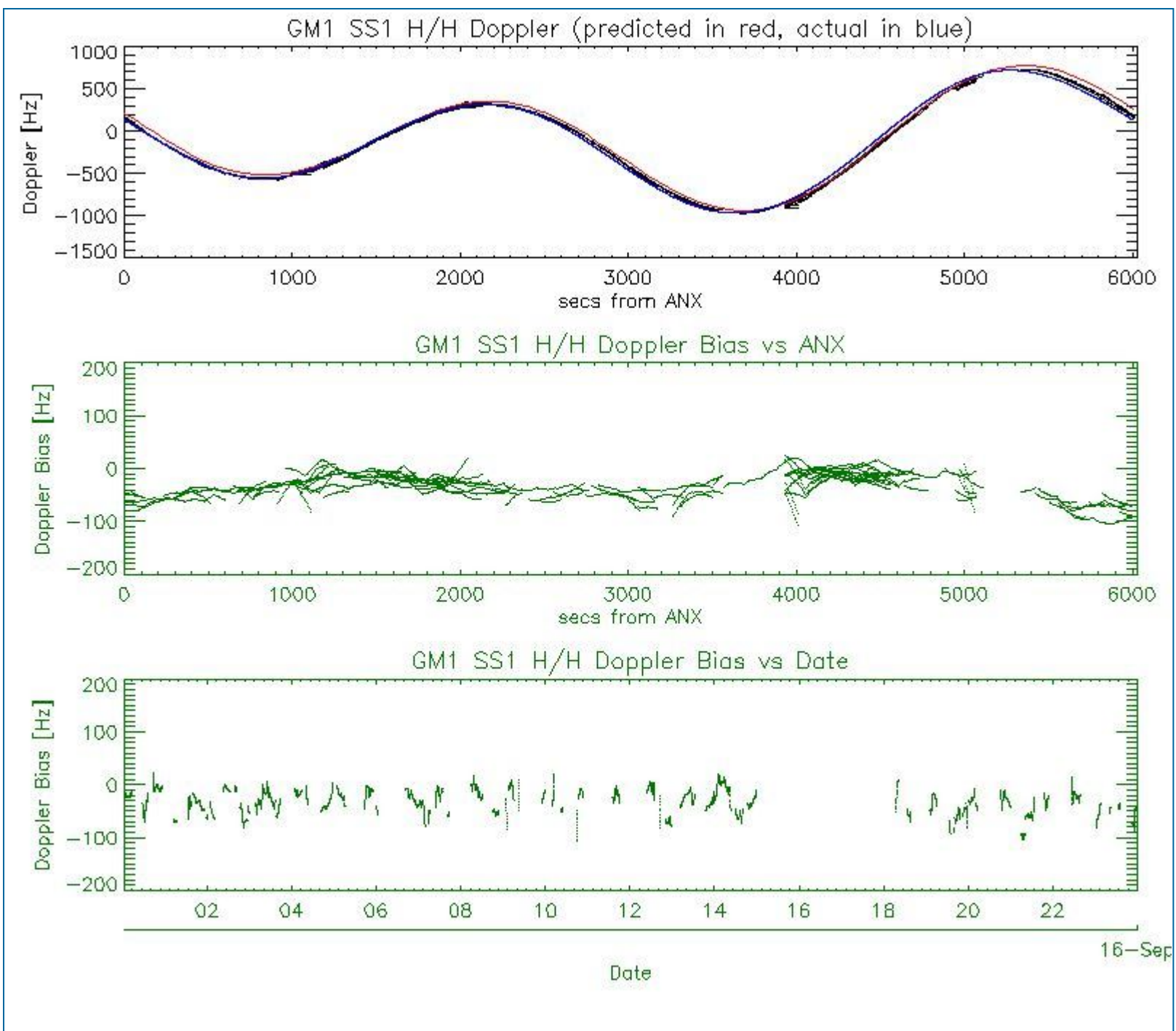




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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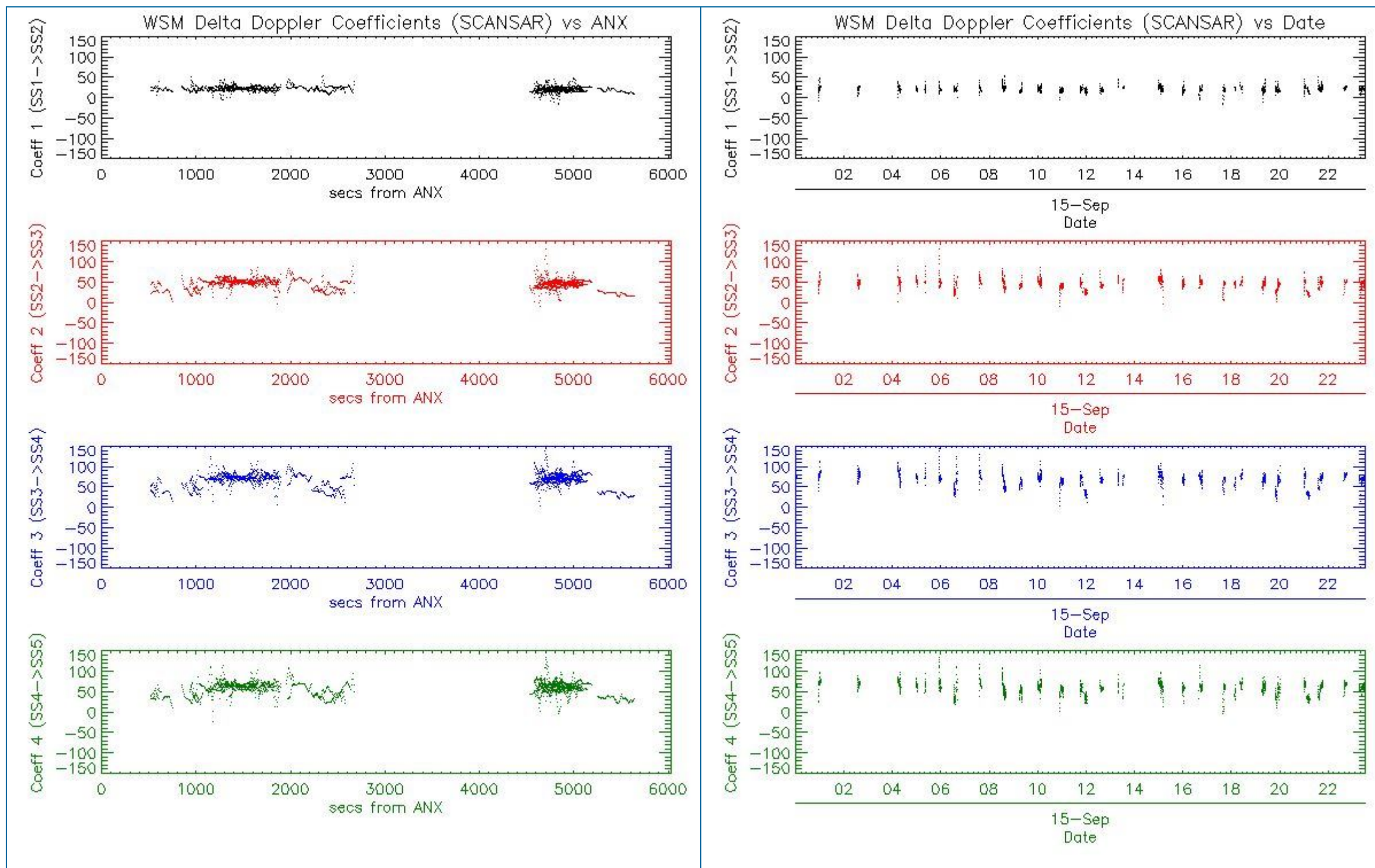




### 5.3 - Doppler JUMPS Analysis for WSM

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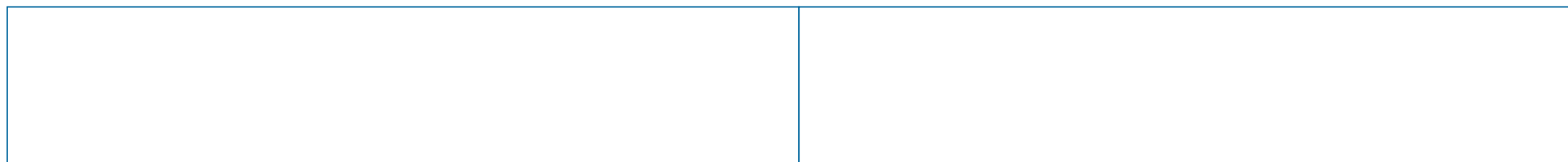


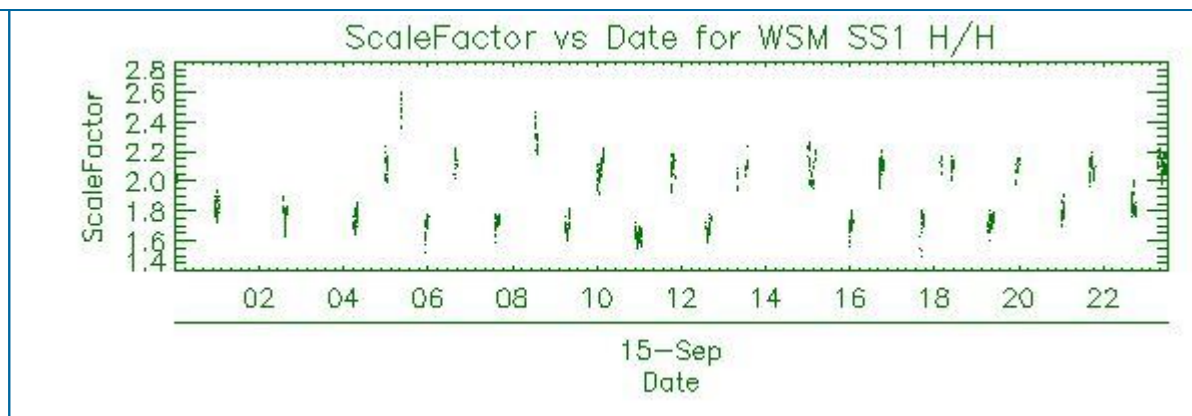
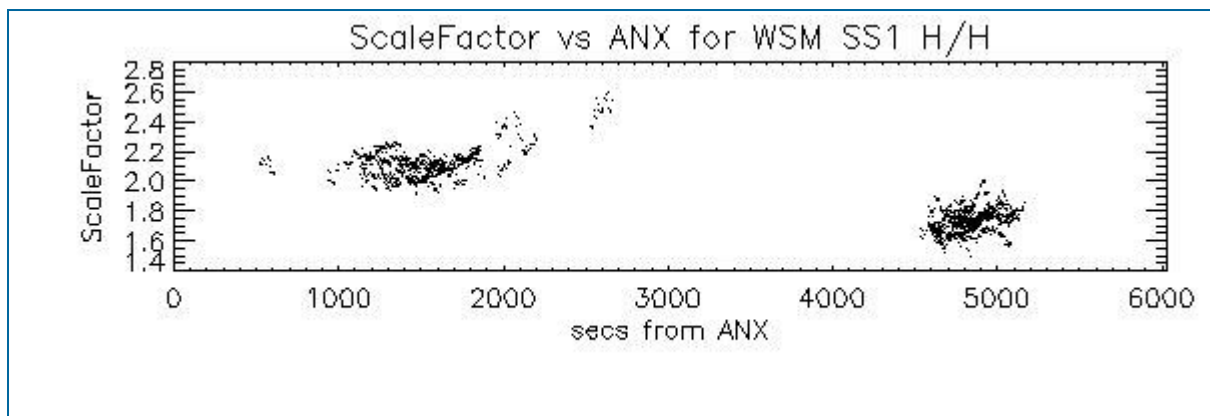
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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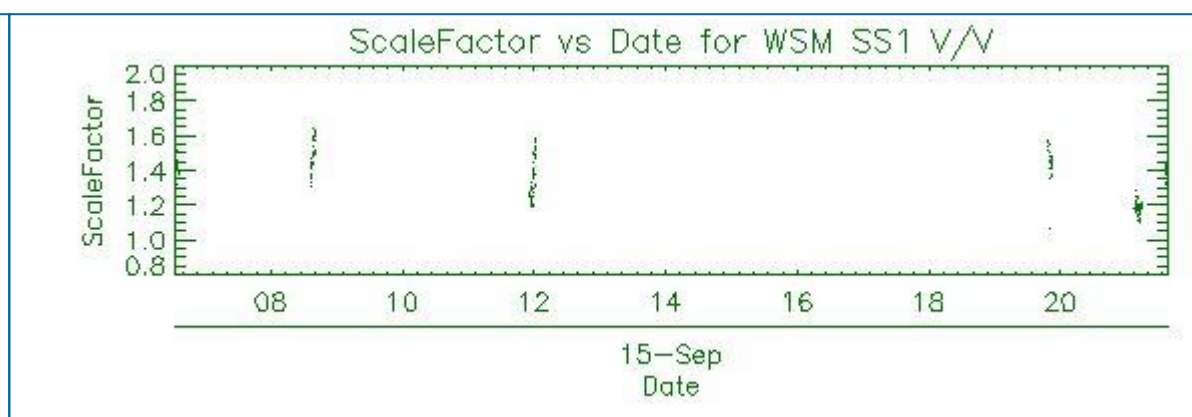
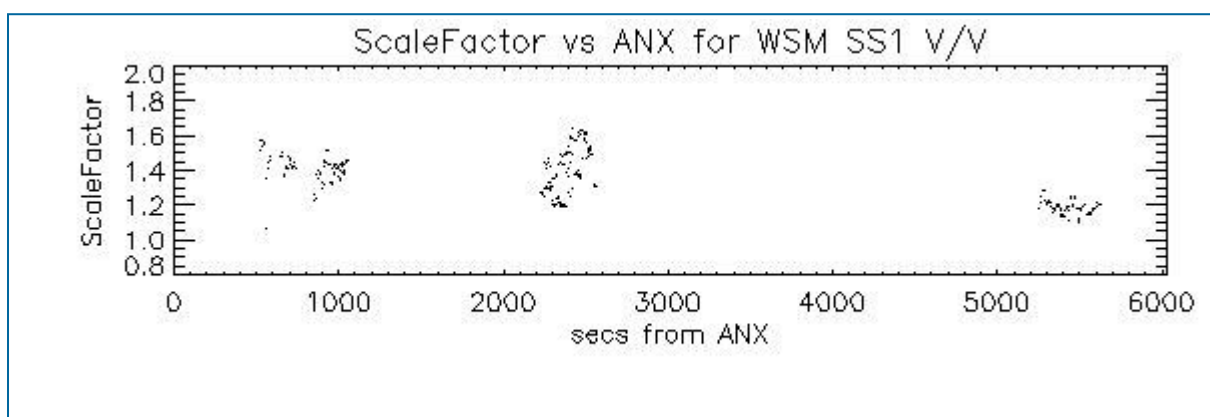




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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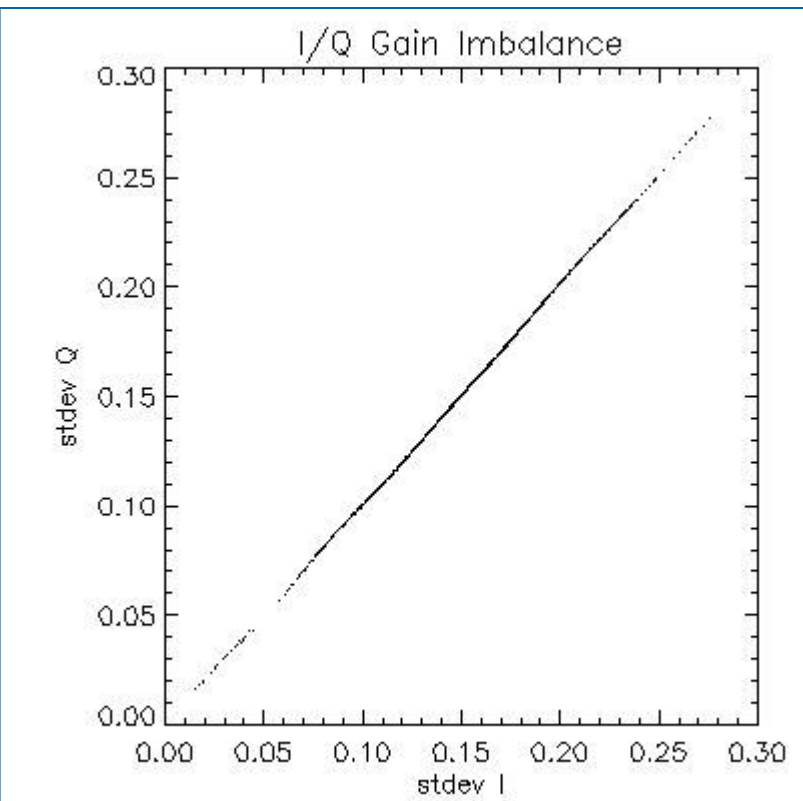
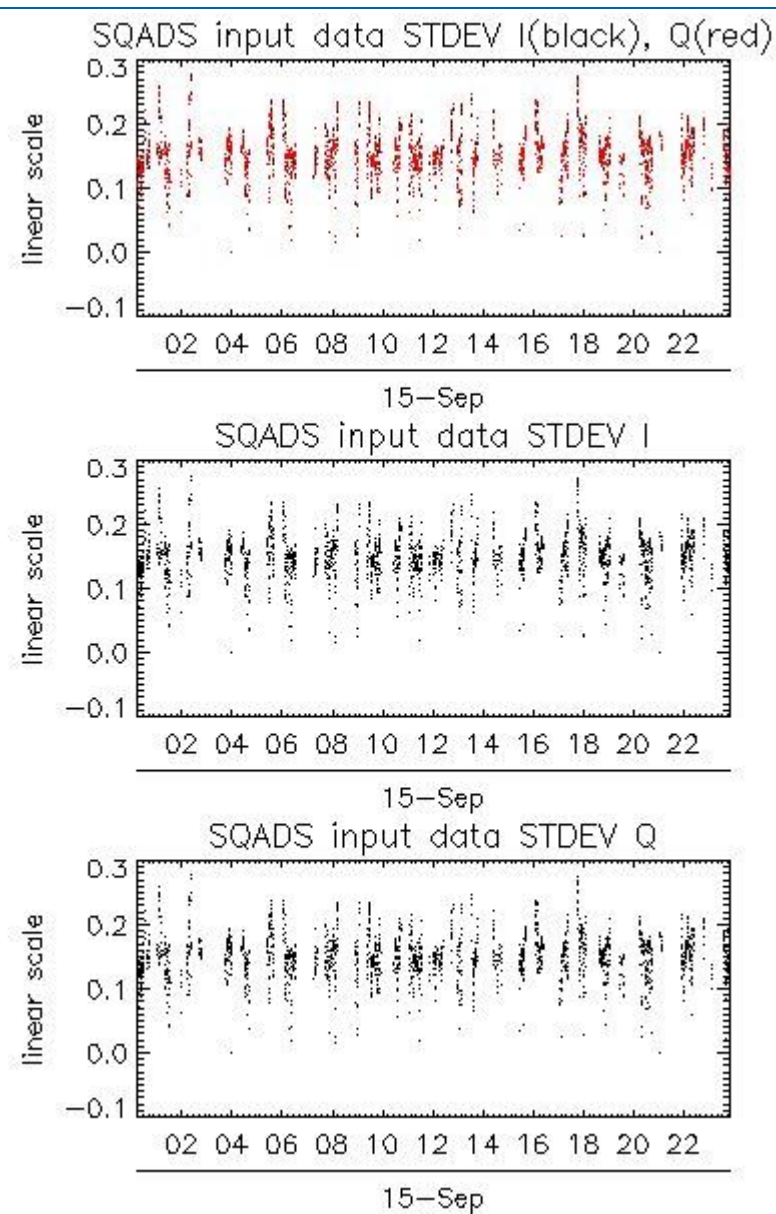
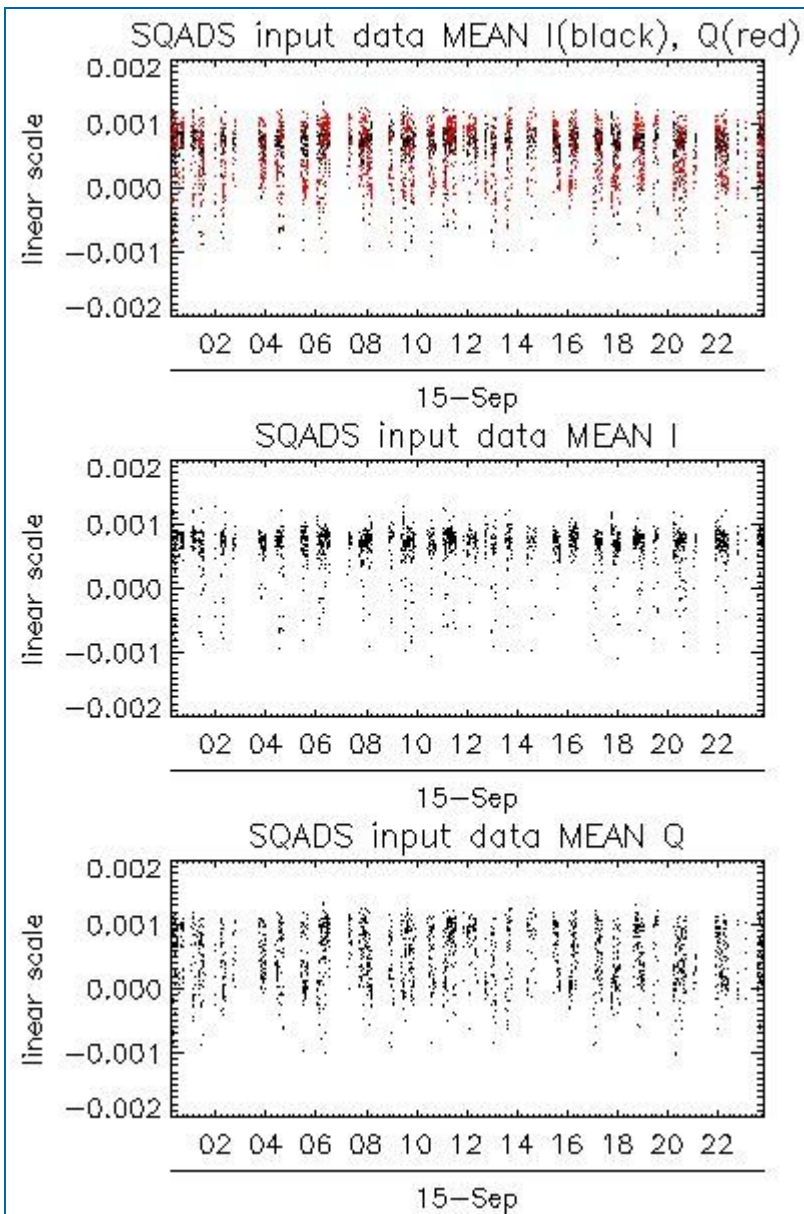
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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

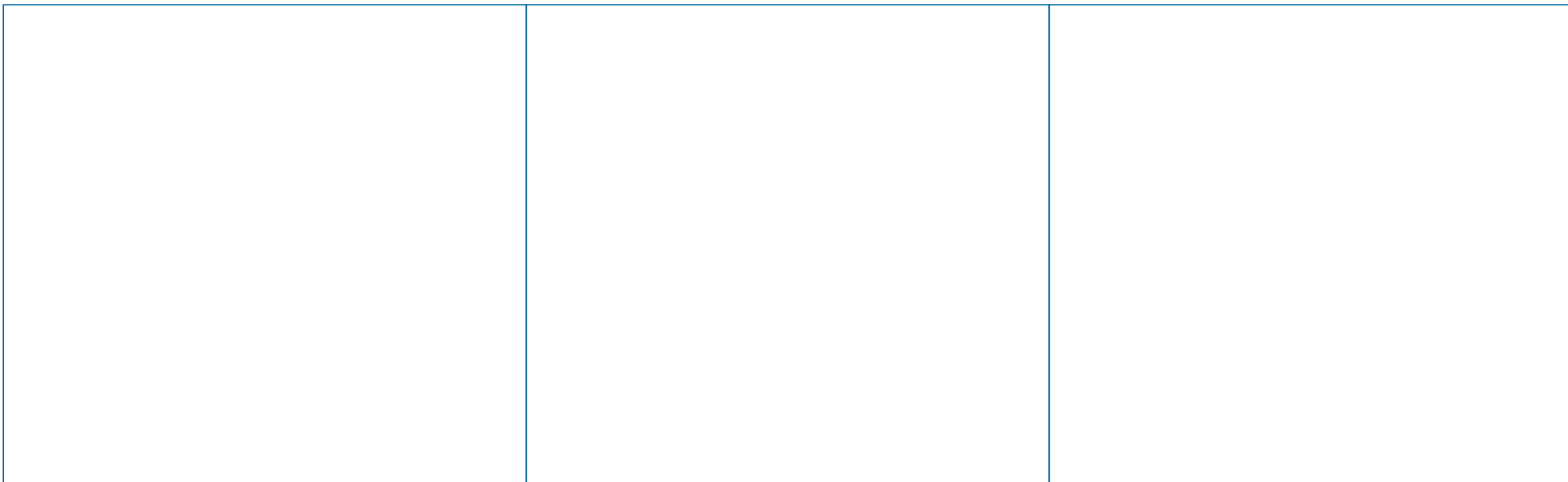


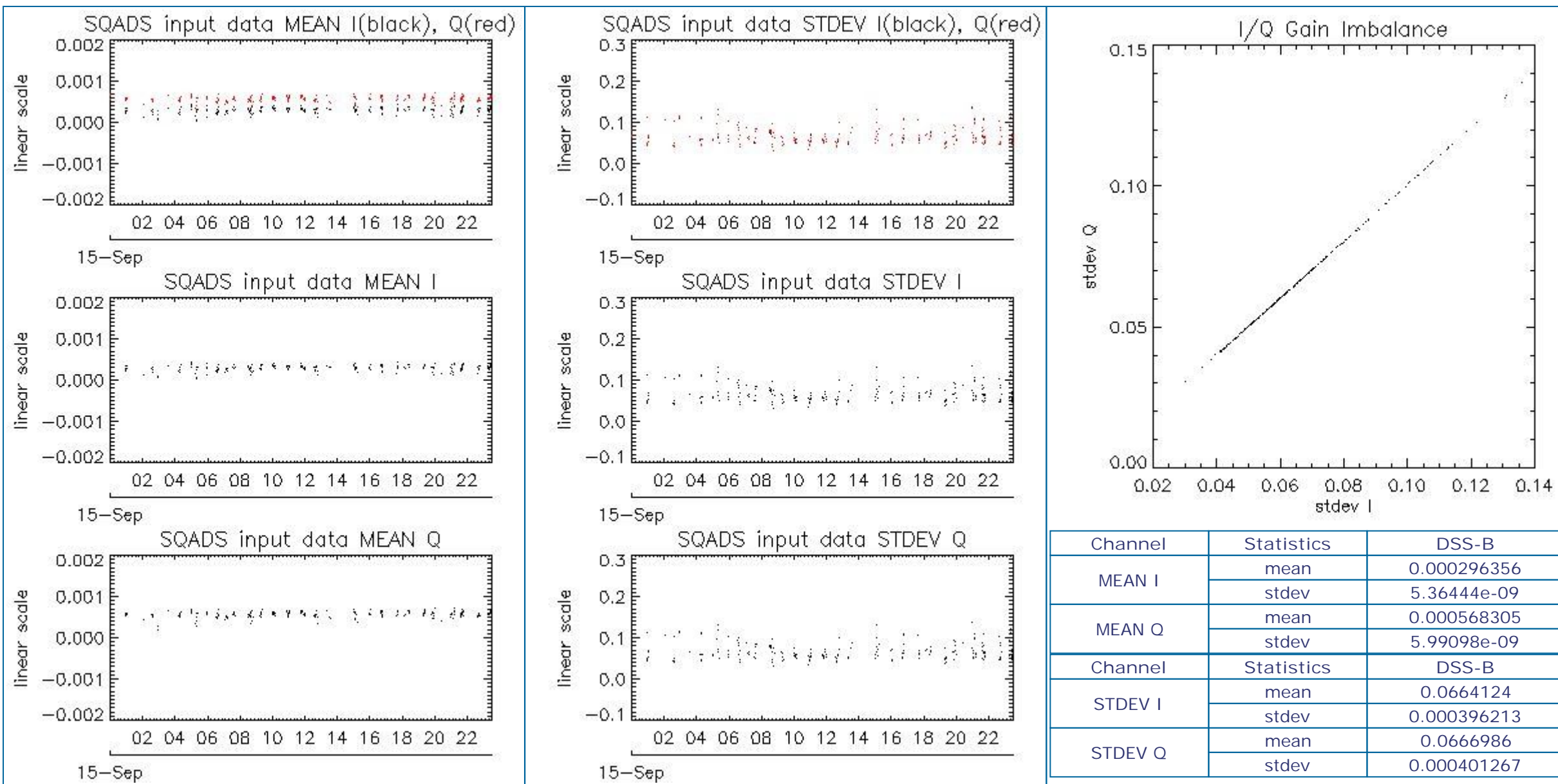


| Channel | Statistics | DSS-B       |
|---------|------------|-------------|
| MEAN I  | mean       | 0.000637755 |
|         | stdev      | 1.21530e-07 |
| MEAN Q  | mean       | 0.000505981 |
|         | stdev      | 2.05044e-07 |
| Channel | Statistics | DSS-B       |
| STDEV I | mean       | 0.150423    |
|         | stdev      | 0.00126129  |
| STDEV Q | mean       | 0.151012    |
|         | stdev      | 0.00128501  |

## 7.2 - Analysis for IMM

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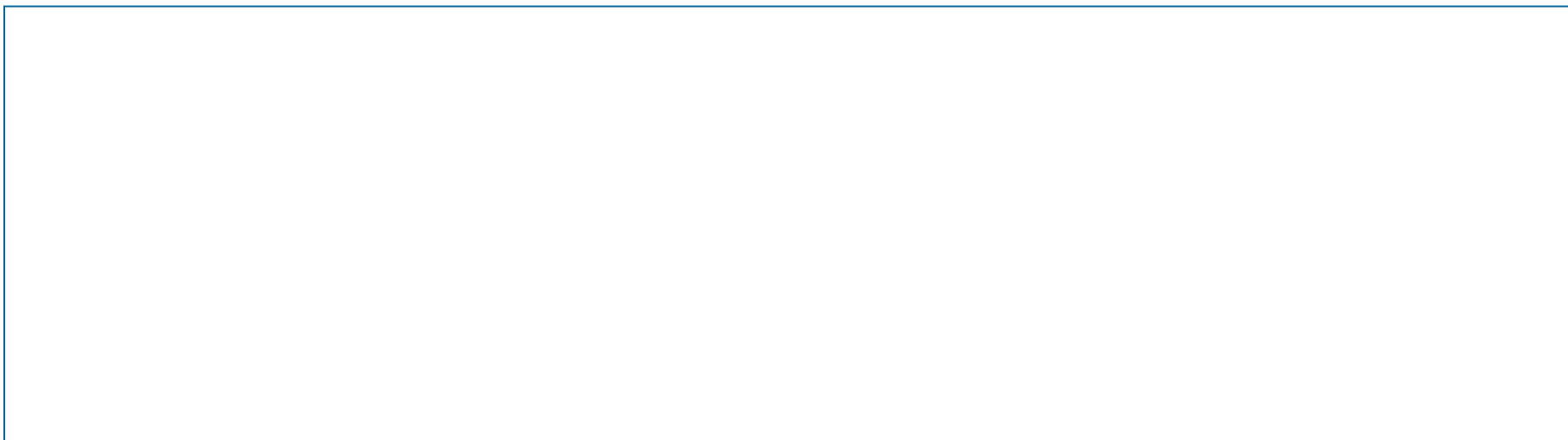


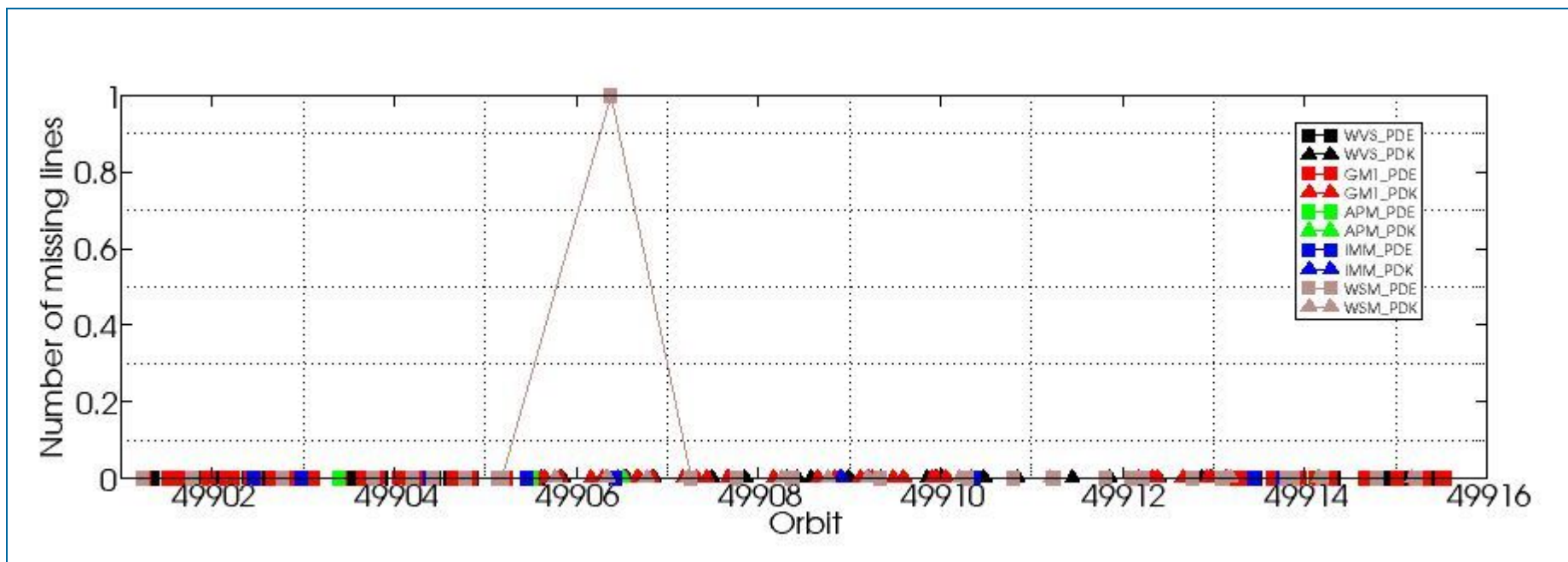
## 8 - TELEMETRY ANALYSIS

| Processing Center | Product  | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE               | ASA_WSM_1PNPDE20110915_083602_000002943106_00323_49906_0882.N1 | 0    | 1             |

### 8.1 - Number of Missing lines

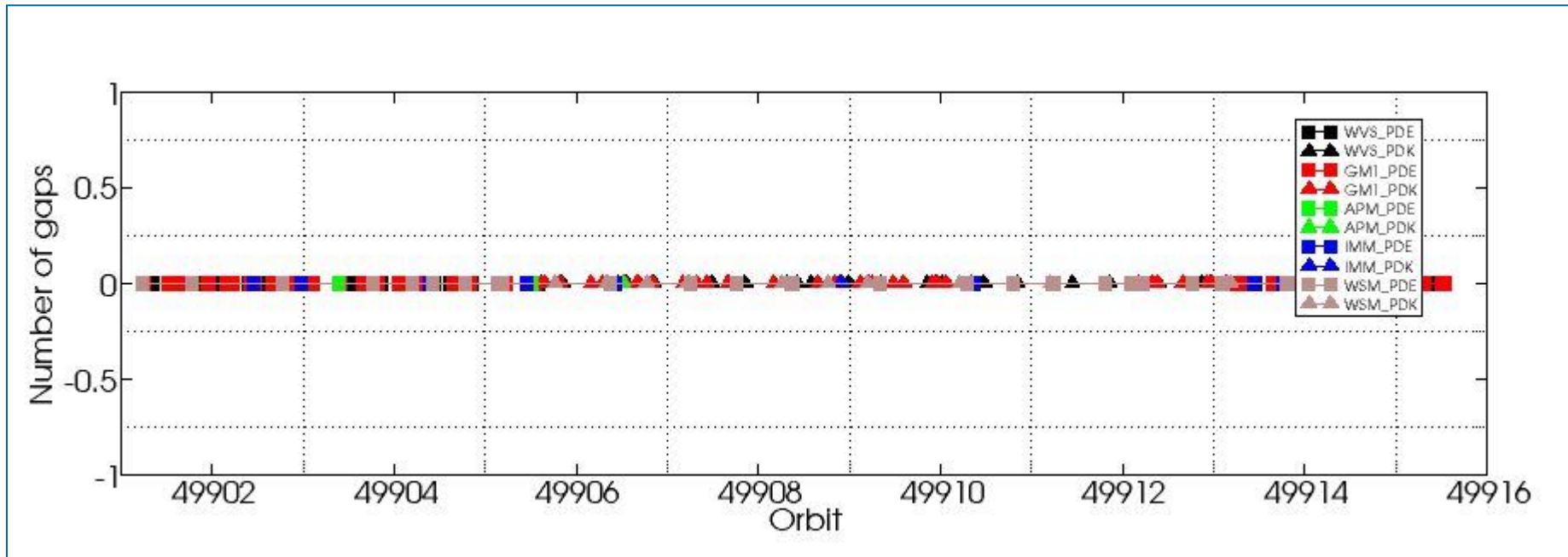
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110915  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-09-15 00:00:00

Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110915/

DATA SUMMARY  
#####  
Summary will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110915/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110915/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110915/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110915/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110915/AUXILIARY...

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



ADF filter 20110915\*current\_3\_IECF\_ADFs.txt  
 Found list 20110915\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_WVS.txt...

|  |  |
|--|--|
| ASA_WVS_1PNPDE20110915_001254_000008693106_00318_49901_0720.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_003008_000000593106_00318_49901_0722.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_003644_000003303106_00318_49901_0723.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_010219_000002703106_00318_49901_0724.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_010604_000002253106_00318_49901_0752.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_011705_000008993106_00318_49901_0756.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_015707_000000743106_00319_49902_0764.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_015707_000000743106_00319_49902_0767.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_021017_000007343106_00319_49902_0760.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_021017_000007343106_00319_49902_0760.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_024209_000002253106_00319_49902_0777.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_034335_000007793106_00320_49903_0775.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_035605_000002403106_00320_49903_0806.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_042310_000010793106_00320_49903_0810.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_052243_000009893106_00321_49904_0813.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_052243_000009893106_00321_49904_0813.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_052243_000009893106_00321_49904_0817.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_053857_000000453106_00321_49904_0860.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_060237_000017393106_00321_49904_0867.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_071643_000001803106_00322_49905_0866.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_071643_000001803106_00322_49905_0866.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_201329_000006143106_00330_49913_0995.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_202515_000011843106_00330_49913_0998.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_210434_000000293106_00330_49913_0999.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_210434_000001503106_00330_49913_1017.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_215324_000019043106_00331_49914_1019.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_224652_000001203106_00331_49914_1020.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_230739_000000593106_00332_49915_1039.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20110915_233543_000008843106_00332_49915_1042.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_071928_000002253106_00322_49905_0085.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_074251_000018593106_00322_49905_0088.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_085402_000005553106_00323_49906_0133.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_092305_000019193106_00323_49906_0134.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_102734_000009593106_00324_49907_0165.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_110351_000018443106_00324_49907_0171.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_115055_000000753106_00325_49908_0237.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_120203_000004643106_00325_49908_0238.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_121639_000004353106_00325_49908_0240.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_124333_000002403106_00325_49908_0242.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_125826_000006863106_00325_49908_0245.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_133338_000007643106_00326_49909_0286.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_142347_000003003106_00326_49909_0287.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_143348_000001043106_00326_49909_0290.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_144056_000001493106_00327_49910_0293.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_152704_000010343106_00327_49910_0319.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_160408_000011993106_00327_49910_0321.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_170436_000011993106_00328_49911_0344.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_174525_000012293106_00328_49911_0348.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_183858_000015443106_00329_49912_0371.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_192733_000002553106_00329_49912_0372.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20110915_193526_000001493106_00329_49912_0377.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_GM1.txt...

|  |  |
|--|--|
| ASA_GM1_1PNPDE20110915_000237_000006163106_00318_49901_0716.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_002814_000001083106_00318_49901_0715.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_003145_000002953106_00318_49901_0721.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_004255_000007673106_00318_49901_0725.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_011304_000002413106_00318_49901_0753.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_013244_000003143106_00319_49902_0754.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_013934_000010513106_00319_49902_0759.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_015902_000001203106_00319_49902_0766.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_015902_000001203106_00319_49902_0769.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_020355_000003803106_00319_49902_0765.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_020355_000003803106_00319_49902_0768.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_022309_000006283106_00319_49902_0763.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_023859_000001873106_00319_49902_0762.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_024634_000000903106_00319_49902_0761.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_024815_000003983106_00319_49902_0779.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_025621_000002113106_00319_49902_0778.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_030833_000016863106_00320_49903_0780.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_033756_000003383106_00320_49903_0776.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_040400_000006043106_00320_49903_0807.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_042039_000001443106_00320_49903_0808.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_044158_000009793106_00321_49904_0809.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_050305_000007913106_00321_49904_0812.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_050305_000007913106_00321_49904_0816.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_054337_000007133106_00321_49904_0861.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_060032_000001203106_00321_49904_0862.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_064034_000014323106_00322_49905_0870.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_070518_000002473106_00322_49905_0869.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_071324_000001993106_00322_49905_0868.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_195715_000000903106_00330_49913_0993.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_200027_000005193106_00330_49913_0994.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_201109_000001323106_00330_49913_0996.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_204543_000006283106_00330_49913_0997.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_205732_000001443106_00330_49913_1000.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_211416_000009733106_00330_49913_1015.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_213147_000001573106_00331_49914_1016.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_214811_000003143106_00331_49914_1018.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_222557_000007983106_00331_49914_1021.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_230148_000003503106_00332_49915_1037.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_232023_000001503106_00332_49915_1038.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_233208_000002113106_00332_49915_1040.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_235115_000001383106_00332_49915_1041.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDE20110915_235459_000003023106_00332_49915_1043.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_072351_000006773106_00322_49905_0086.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_074047_000001203106_00322_49905_0087.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_081431_000007613106_00323_49906_0089.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_082623_000002773106_00323_49906_0122.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_084416_000003203106_00323_49906_0123.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_085054_000001873106_00323_49906_0124.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_090406_000000783106_00323_49906_0125.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_090648_000005073106_00323_49906_0127.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_092148_000000663106_00323_49906_0130.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_095548_000002713106_00324_49907_0135.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_101002_000001693106_00324_49907_0162.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_102119_000001813106_00324_49907_0164.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_104420_000000783106_00324_49907_0163.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_104704_000004283106_00324_49907_0170.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_113523_000005863106_00325_49908_0172.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_122433_000006283106_00325_49908_0241.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20110915_124214_000000723106_00325_49908_0239.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

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ASA_GM1_1PNPDK20110915_125045_000004593106_00325_49908_0243.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_131028_000005253106_00326_49909_0244.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_132102_000002653106_00326_49909_0246.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_132433_000004413106_00326_49909_0279.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_134712_000006833106_00326_49909_0285.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_135840_000015043106_00326_49909_0288.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_142938_000002473106_00326_49909_0289.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_143616_000002773106_00326_49909_0291.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_144546_000008523106_00327_49910_0292.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_181721_000002113106_00329_49912_0369.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_183312_000001323106_00329_49912_0368.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_183743_000000663106_00329_49912_0370.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_190529_000006283106_00329_49912_0374.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_193237_000001633106_00329_49912_0373.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_193844_000005983106_00329_49912_0375.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110915_195248_000001633106_00330_49913_0378.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20110915_033639_00000563106_00320_49903_0743.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110915_070926_000002183106_00322_49905_0859.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20110915_084936_000000573106_00323_49906_0131.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20110915_213423_000000433106_00331_49914_0402.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_IMM.txt...

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ASA_IMM_1PNPDE20110915_020241_000000633106_00319_49902_0744.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_025451_000000783106_00319_49902_0751.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_051613_000001583106_00321_49904_0804.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_070426_000000373106_00322_49905_0857.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_084052_000001933106_00323_49906_0883.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_151631_000000373106_00327_49910_0972.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_202426_000000423106_00330_49913_1010.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110915_205647_000000373106_00330_49913_0992.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110915_124850_000000383106_00325_49908_0258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110915_124956_000000373106_00325_49908_0260.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

\*\*\*\*\*

Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110915/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20110915_000003_000001533106_00318_49901_0714.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_005547_000003923106_00318_49901_0717.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_023357_000003003106_00319_49902_0750.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_041406_000003923106_00320_49903_0802.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_045820_000002813106_00321_49904_0803.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_052013_000001533106_00321_49904_0805.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_055532_000002943106_00321_49904_0853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_063224_000002083106_00322_49905_0855.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_063659_000002083106_00322_49905_0856.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_083602_000002943106_00323_49906_0882.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110915_100422_000003363106_00324_49907_0884.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

|  |  |
|--|--|
| ASA_WSM_1PNPDE20110915_105415_000005753106_00324_49907_0892.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_115556_000003673106_00325_49908_0893.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_133156_000001043106_00326_49909_0970.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_150744_000001843106_00327_49910_0973.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_155853_000003123106_00327_49910_0971.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_164325_000002813106_00328_49911_0982.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_173951_000003363106_00328_49911_0981.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_180833_000001163106_00329_49912_0983.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_182251_000002513106_00329_49912_0984.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_191615_000005323106_00329_49912_0985.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_194846_000000923106_00330_49913_0986.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_195056_000001103106_00330_49913_0987.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_210000_000002753106_00330_49913_1007.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_210739_000003923106_00330_49913_1011.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_213928_000005203106_00331_49914_1030.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_223917_000004593106_00331_49914_1029.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDE20110915_232301_000005443106_00332_49915_1055.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_073509_000003303106_00322_49905_0098.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_083104_000000923106_00323_49906_0099.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_083253_000001653106_00323_49906_0107.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_091521_000003733106_00323_49906_0144.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_100025_000001223106_00324_49907_0143.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_100306_000001043106_00324_49907_0129.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_114512_000003303106_00325_49908_0181.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_123525_000004043106_00325_49908_0259.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_131917_000001043106_00326_49909_0261.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_145959_000004163106_00327_49910_0302.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_164031_000002083106_00328_49911_0330.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_195538_000000923106_00330_49913_0379.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_195538_000000923106_00330_49913_0380.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_195853_000000923106_00330_49913_0385.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_213609_000001283106_00331_49914_0403.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WSM_1PNPDK20110915_231749_000001533106_00332_49915_0418.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110915/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110915/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_110915/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

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\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_0PNPDK20110915\_090532\_00000163106\_00323\_49906\_0775.N1

H  
H  
../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110915\_090532-20010209\_135042.png  
../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110915\_090532-20010209\_135042.png  
../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110915\_090532-20010209\_135042.png  
../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110915\_090532-20010209\_135042.png



Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20110915\_104546\_000000163106\_00324\_49907\_0776.N1

V  
V

../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110915\_104546-20010209\_140823.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110915\_104546-20010209\_140823.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110915\_104546-20010209\_140823.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110915\_104546-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20110914\_094217\_000000163106\_00309\_49892\_0773.N1  
Test product: ASA\_MS\_\_0PNPDK20110915\_090532\_000000163106\_00323\_49906\_0775.N1

H  
H

../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110915\_090532-20110914\_094217.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110915\_090532-20110914\_094217.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110915\_090532-20110914\_094217.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110915\_090532-20110914\_094217.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20110914\_112231\_000000163106\_00310\_49893\_0774.N1  
Test product: ASA\_MS\_\_0PNPDK20110915\_104546\_000000163106\_00324\_49907\_0776.N1

V  
V

../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110915\_104546-20110914\_112231.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110915\_104546-20110914\_112231.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110915\_104546-20110914\_112231.png  
../../../../RESULTS/DAILY/\_110915/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110915\_104546-20110914\_112231.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES...

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

ALL ROWS Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59

Analysing products WVS IS2 V/V

|   |       |   |       |
|---|-------|---|-------|
| 1 | 69569 | 7 | 69569 |
|---|-------|---|-------|

Writing image ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

|   |       |   |       |
|---|-------|---|-------|
| 1 | 41857 | 7 | 41857 |
|---|-------|---|-------|

Writing image ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-15\_1.dat...

Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-15\_2.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-15\_3.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-15\_4.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H  
Getting calibration pulses data for GM1 SS3 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-15\_1.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-15\_2.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-15\_3.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_110915/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-15\_4.dat...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_110915//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110915/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110915/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-09-15.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110915/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

```
Getting doppler data for GM1 SS1 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/DOPPLER/Doppler_data_GM1_SS1_HH_2011-09-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110915/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...
```

```
*****
*****
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-09-15 00:00:00 to 2011-09-15 23:59:59
```

```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/DOPPLER/Doppler_Jumps_data_WSM_2011-09-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110915/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_110915/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59
```

Analysing products WVS IS2 V/V

```
1174
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
 87.7758
 10.5846
-66.5771
-142.520
-216.086
-286.172
-351.735
-411.816
-465.557
-512.209
-551.146
-581.874
-604.040
-617.434
-621.993
-617.804
-605.099
-584.252
-555.770
-520.289
-478.560
-431.434
-379.856
-324.838
-267.455
-208.814
-150.050
-92.2908
-36.6568
 15.7690
 63.9616
 106.958
 143.888
 173.973
 196.555
 211.098
 217.196
 214.587
 203.150
 182.918
 154.068
```

116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -44.299752 Hz  
Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1002

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

- 87.7758
- 10.5846
- 66.5771
- 142.520
- 216.086
- 286.172
- 351.735
- 411.816
- 465.557
- 512.209
- 551.146
- 581.874
- 604.040
- 617.434
- 621.993
- 617.804
- 605.099
- 584.252
- 555.770
- 520.289
- 478.560
- 431.434
- 379.856
- 324.838
- 267.455
- 208.814
- 150.050
- 92.2908
- 36.6568
- 15.7690
- 63.9616
- 106.958
- 143.888
- 173.973
- 196.555
- 211.098
- 217.196
- 214.587
- 203.150
- 182.918
- 154.068
- 116.919
- 71.9387
- 19.7218
- 39.0043
- 103.408
- 172.552
- 245.410
- 320.887
- 397.839
- 475.084
- 551.423
- 625.659
- 696.616
- 763.167
- 824.227
- 878.795
- 925.960
- 964.912
- 994.961
- 1015.54
- 1026.24
- 1026.75

-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -38.396475 Hz  
Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

3092  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465

-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926

501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.770119 Hz

Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110915//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2154

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345



352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: ascending  
Found data...

```
Computing mean error doppler estimated-predicted...
Mean error = -38.047385 Hz
Writing file ../../RESULTS/DAILY/_110915//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_110915//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

\*\*\*\*\*

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_110915/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-09-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110915/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_110915/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-09-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110915/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_110915/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110915/RAW_DATA
Creating directory ./RESULTS/DAILY/_110915/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/RAW_DATA/Raw_data_WVS_2011-09-15.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_110915/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_110915/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110915/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2011-09-15 00:00:00 to 2011-09-15 23:59:59...
Writing file ./RESULTS/DAILY/_110915/RAW_DATA/Raw_data_IMM_2011-09-15.dat...
Running IDL program to create graphs...
```

Creating image ../../RESULTS/DAILY/\_110915/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110915/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110915/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-09-15 00:00:00 to 2011-09-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110915/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110915/TELEMETRY...

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

\*\*\*\*\*

Checking 26 products from PDE...

Checking 22 products from PDK...

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

\*\*\*\*\*

Checking 42 products from PDE...

Checking 34 products from PDK...

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

\*\*\*\*\*

Checking 2 products from PDE...

Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 8 products from PDE...

Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 28 products from PDE...

Found product..ASA\_WSM\_1PNPDE20110915\_083602\_000002943106\_00323\_49906\_0882.N1 / 0 gaps / 1 missing lines

Checking 16 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110915/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110915/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110915/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

#####



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

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|--|---------|---------|---------|---------|
| ASA_APM_1PNPDE20110915_033639_000000563106_00320_49903_0743.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDE20110915_070926_000002183106_00322_49905_0859.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDK20110915_084936_000000573106_00323_49906_0131.N1 | OK      | OK      | OK      | OK      |
| ASA_APM_1PNPDK20110915_213423_000000433106_00331_49914_0402.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_1PNPDE20110915_000237_000006163106_00318_49901_0716.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_002814_000001083106_00318_49901_0715.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_003145_000002953106_00318_49901_0721.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_004255_000007673106_00318_49901_0725.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_011304_000002413106_00318_49901_0753.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_013244_000003143106_00319_49902_0754.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_013934_000010513106_00319_49902_0759.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_015902_000001203106_00319_49902_0766.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_015902_000001203106_00319_49902_0769.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_020355_000003803106_00319_49902_0765.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_020355_000003803106_00319_49902_0768.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_022309_000006283106_00319_49902_0763.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_023859_000001873106_00319_49902_0762.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_024634_000000903106_00319_49902_0761.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_024815_000003983106_00319_49902_0779.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_025621_000002113106_00319_49902_0778.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_030833_000016863106_00320_49903_0780.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_033756_000003383106_00320_49903_0776.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_040400_000006043106_00320_49903_0807.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_042039_000001443106_00320_49903_0808.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_044158_000009793106_00321_49904_0809.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_050305_000007913106_00321_49904_0812.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_050305_000007913106_00321_49904_0816.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_054337_000007133106_00321_49904_0861.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_060032_000001203106_00321_49904_0862.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_064034_000014323106_00322_49905_0870.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_070518_000002473106_00322_49905_0869.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_071324_000001993106_00322_49905_0868.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_195715_000000903106_00330_49913_0993.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_200027_000005193106_00330_49913_0994.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_201109_000001323106_00330_49913_0996.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_204543_000006283106_00330_49913_0997.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_205732_000001443106_00330_49913_1000.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_211416_000009733106_00330_49913_1015.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_213147_000001573106_00331_49914_1016.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_214811_000003143106_00331_49914_1018.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_222557_000007983106_00331_49914_1021.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_230148_000003503106_00332_49915_1037.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_232023_000001503106_00332_49915_1038.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_233208_000002113106_00332_49915_1040.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_235115_000001383106_00332_49915_1041.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20110915_235459_000003023106_00332_49915_1043.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_072351_000006773106_00322_49905_0086.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_074047_000001203106_00322_49905_0087.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_081431_000007613106_00323_49906_0089.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_082623_000002773106_00323_49906_0122.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_084416_000003203106_00323_49906_0123.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_085054_000001873106_00323_49906_0124.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_090406_000000783106_00323_49906_0125.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_090648_000005073106_00323_49906_0127.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_092148_000000663106_00323_49906_0130.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_095548_000002713106_00324_49907_0135.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_101002_000001693106_00324_49907_0162.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_102119_000001813106_00324_49907_0164.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_104420_000000783106_00324_49907_0163.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_104704_000004283106_00324_49907_0170.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_113523_000005863106_00325_49908_0172.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_122433_000006283106_00325_49908_0241.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_124214_000000723106_00325_49908_0239.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_125045_000004593106_00325_49908_0243.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_131028_000005253106_00326_49909_0244.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_132102_000002653106_00326_49909_0246.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_132433_000004413106_00326_49909_0279.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_134712_000006833106_00326_49909_0285.N1 |         |         |         |         | OK | OK | OK | OK |

|  |    |    |    |    |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20110915_135840_000015043106_00326_49909_0288.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_142938_000002473106_00326_49909_0289.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_143616_000002773106_00326_49909_0291.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_144546_000008523106_00327_49910_0292.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_181721_000002113106_00329_49912_0369.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_183312_000001323106_00329_49912_0368.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_183743_000000663106_00329_49912_0370.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_190529_000006283106_00329_49912_0374.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_193237_000001633106_00329_49912_0373.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_193844_000005983106_00329_49912_0375.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20110915_195248_000001633106_00330_49913_0378.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_1PNPDE20110915_020241_000000633106_00319_49902_0744.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_025451_000000783106_00319_49902_0751.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_051613_000001583106_00321_49904_0804.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_070426_000000373106_00322_49905_0857.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_084052_000001933106_00323_49906_0883.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_151631_000000373106_00327_49910_0972.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_202426_000000423106_00330_49913_1010.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDE20110915_205647_000000373106_00330_49913_0992.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20110915_124850_000000383106_00325_49908_0258.N1 | OK      | OK      | OK      | OK      |
| ASA_IMM_1PNPDK20110915_124956_000000373106_00325_49908_0260.N1 | OK      | OK      | OK      | OK      |

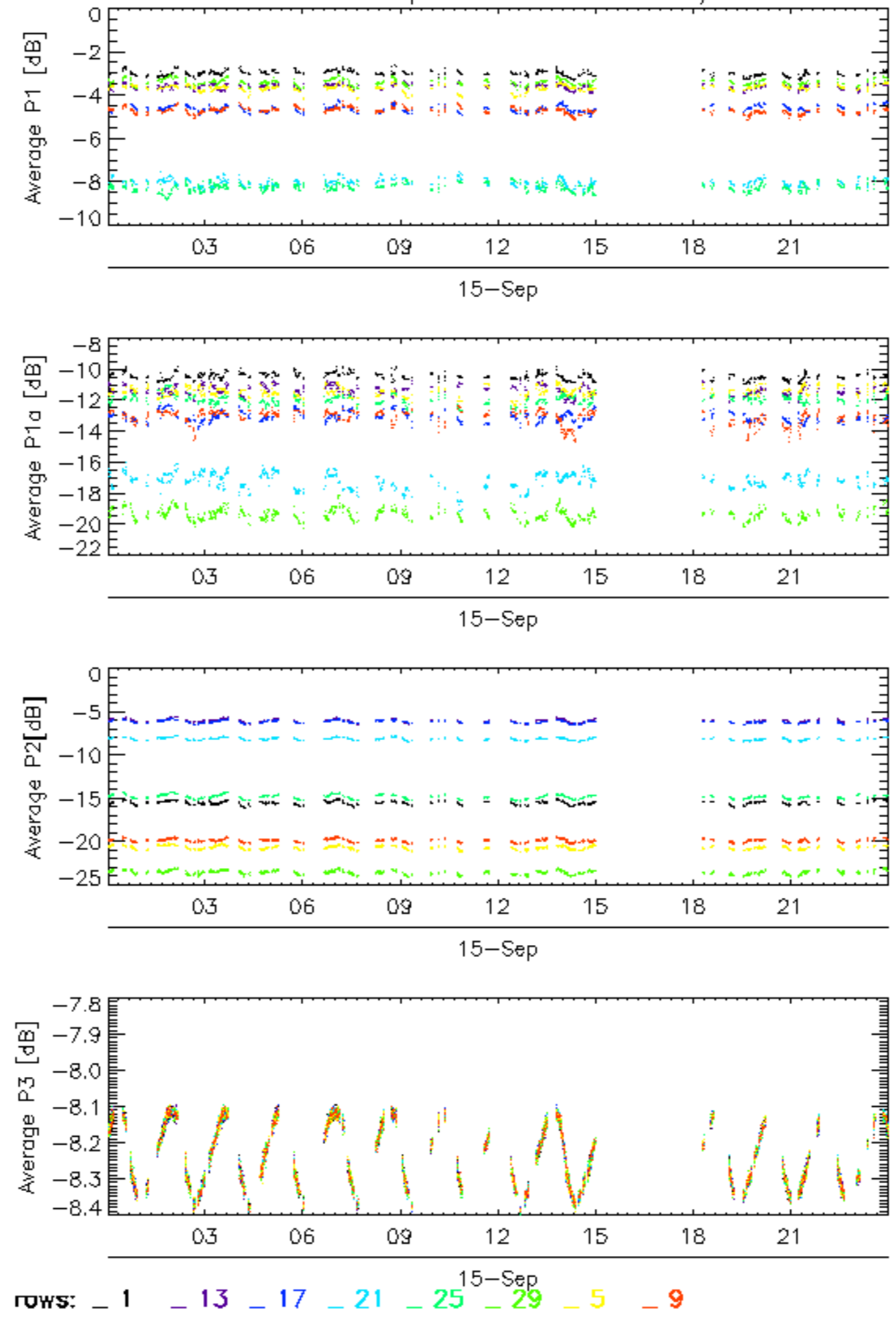
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20110915_000003_000001533106_00318_49901_0714.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_005547_000003923106_00318_49901_0717.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_023357_000003003106_00319_49902_0750.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_041406_000003923106_00320_49903_0802.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_045820_000002813106_00321_49904_0803.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_052013_000001533106_00321_49904_0805.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_055532_000002943106_00321_49904_0853.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_063224_000002083106_00322_49905_0855.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_063659_000002083106_00322_49905_0856.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_083602_000002943106_00323_49906_0882.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_100422_000003363106_00324_49907_0884.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_105415_000005753106_00324_49907_0892.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_115556_000003673106_00325_49908_0893.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_133156_000001043106_00326_49909_0970.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_150744_000001843106_00327_49910_0973.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_155853_000003123106_00327_49910_0971.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_164325_000002813106_00328_49911_0982.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_173951_000003363106_00328_49911_0981.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_180833_000001163106_00329_49912_0983.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_182251_000002513106_00329_49912_0984.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_191615_000005323106_00329_49912_0985.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_194846_000000923106_00330_49913_0986.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_195056_000001103106_00330_49913_0987.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_210000_000002753106_00330_49913_1007.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_210739_000003923106_00330_49913_1011.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_213928_000005203106_00331_49914_1030.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_223917_000004593106_00331_49914_1029.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20110915_232301_000005443106_00332_49915_1055.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_073509_000003303106_00322_49905_0098.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_083104_000000923106_00323_49906_0099.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_083253_000001653106_00323_49906_0107.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_091521_000003733106_00323_49906_0144.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_100025_000001223106_00324_49907_0143.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_100306_000001043106_00324_49907_0129.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_114512_000003303106_00325_49908_0181.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_123525_000004043106_00325_49908_0259.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_131917_000001043106_00326_49909_0261.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_145959_000004163106_00327_49910_0302.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_164031_000002083106_00328_49911_0330.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_195538_000000923106_00330_49913_0379.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_195538_000000923106_00330_49913_0380.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_195853_000000923106_00330_49913_0385.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_213609_000001283106_00331_49914_0403.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20110915_231749_000001533106_00332_49915_0418.N1 |         |         |         |         | OK | OK | OK | OK |

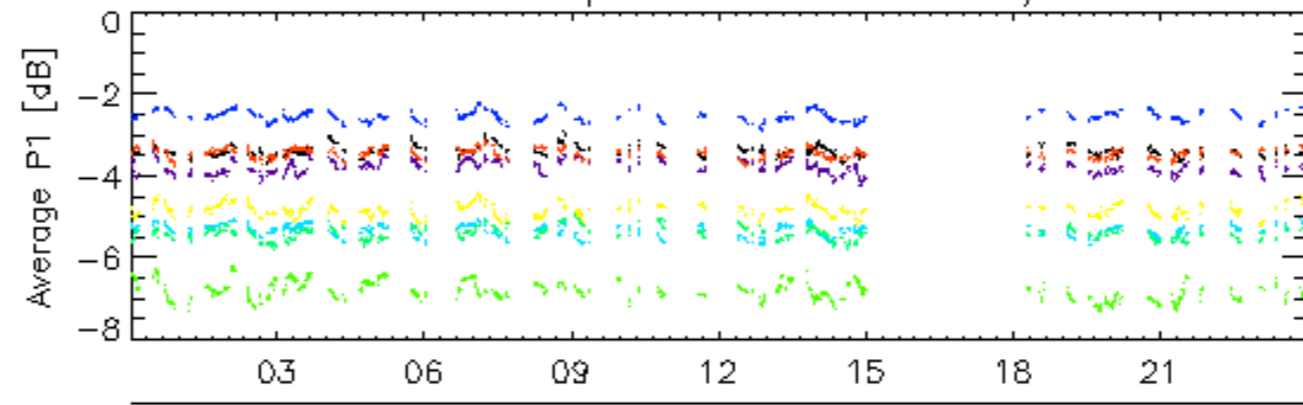
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product  | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |    |    |    |    |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20110915_001254_000008693106_00318_49901_0720.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_003008_000000593106_00318_49901_0722.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_003644_000003303106_00318_49901_0723.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_010219_000002703106_00318_49901_0724.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_010604_000002253106_00318_49901_0752.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_011705_000008993106_00318_49901_0756.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_015707_000000743106_00319_49902_0764.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_015707_000000743106_00319_49902_0767.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_021017_000007343106_00319_49902_0760.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_024209_000002253106_00319_49902_0777.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_034335_000007793106_00320_49903_0775.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_035605_000002403106_00320_49903_0806.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_042310_000010793106_00320_49903_0810.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_052243_000009893106_00321_49904_0813.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_052243_000009893106_00321_49904_0817.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_053857_000000453106_00321_49904_0860.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_060237_000017393106_00321_49904_0867.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_071643_000001803106_00322_49905_0866.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_201329_000006143106_00330_49913_0995.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_202515_000011843106_00330_49913_0998.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_210434_000000293106_00330_49913_0999.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_210434_000001503106_00330_49913_1017.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_215324_000019043106_00331_49914_1019.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_224652_000001203106_00331_49914_1020.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_230739_000000593106_00332_49915_1039.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20110915_233543_000008843106_00332_49915_1042.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_071928_000002253106_00322_49905_0085.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_074251_000018593106_00322_49905_0088.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_085402_000005553106_00323_49906_0133.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_092305_000019193106_00323_49906_0134.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_102734_000009593106_00324_49907_0165.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_110351_000018443106_00324_49907_0171.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_115055_000000753106_00325_49908_0237.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_120203_000004643106_00325_49908_0238.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_121639_000004353106_00325_49908_0240.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_124333_000002403106_00325_49908_0242.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_125826_000006863106_00325_49908_0245.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_133338_000007643106_00326_49909_0286.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_142347_000003003106_00326_49909_0287.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_143348_000001043106_00326_49909_0290.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_144056_000001493106_00327_49910_0293.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_152704_000010343106_00327_49910_0319.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_160408_000011993106_00327_49910_0321.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_170436_000011993106_00328_49911_0344.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_174525_000012293106_00328_49911_0348.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_183858_000015443106_00329_49912_0371.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_192733_000002553106_00329_49912_0372.N1 |         |         |         |         | OK | OK | OK | OK |
| ASA_WVS_1PNPDK20110915_193526_000001493106_00329_49912_0377.N1 |         |         |         |         | OK | OK | OK | OK |

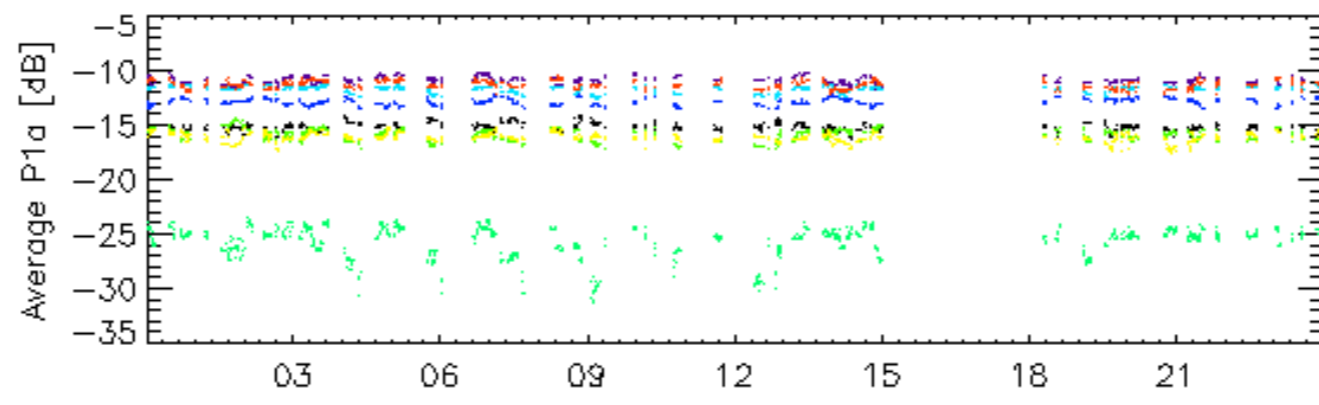
Calibration pulses for GM1 SS3 H/H



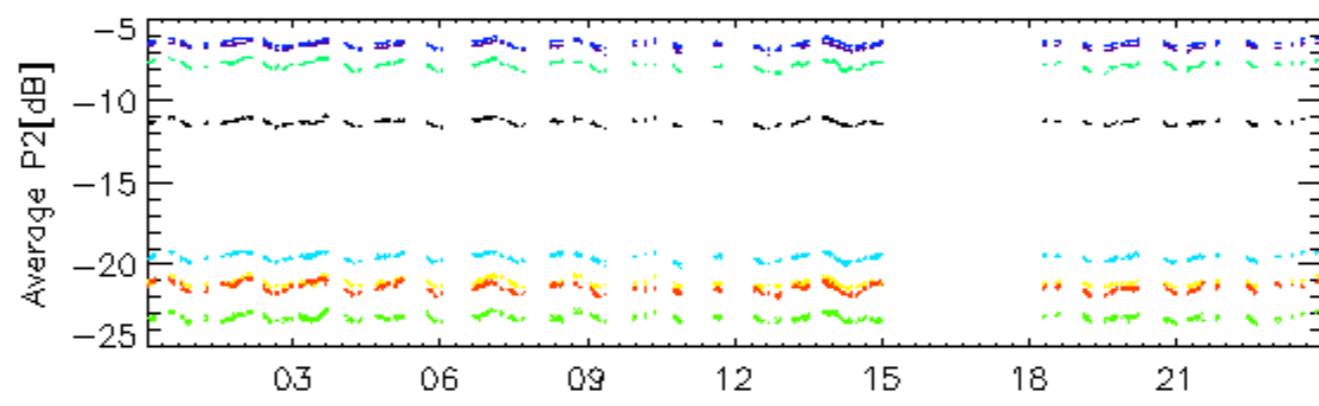
Calibration pulses for GM1 SS3 H/H



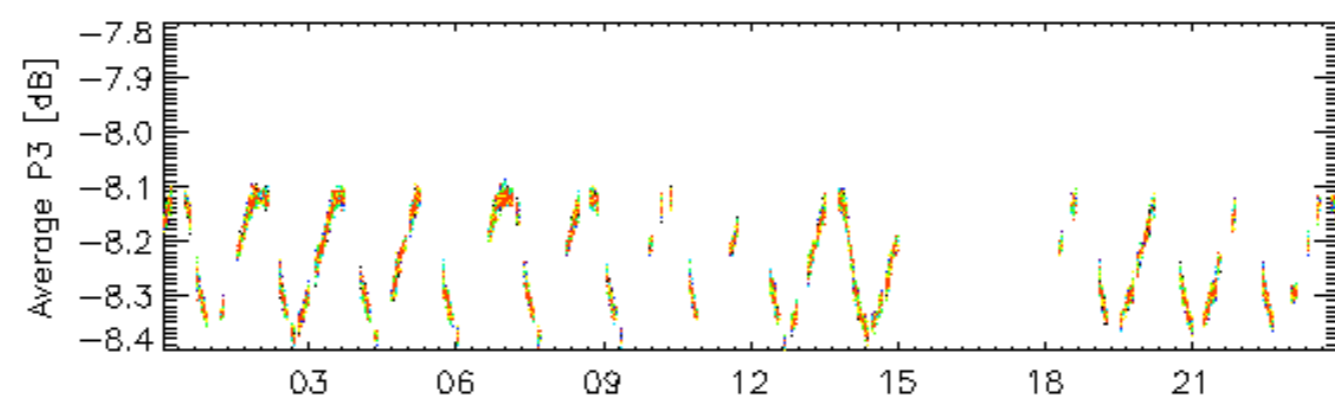
15-Sep



15-Sep



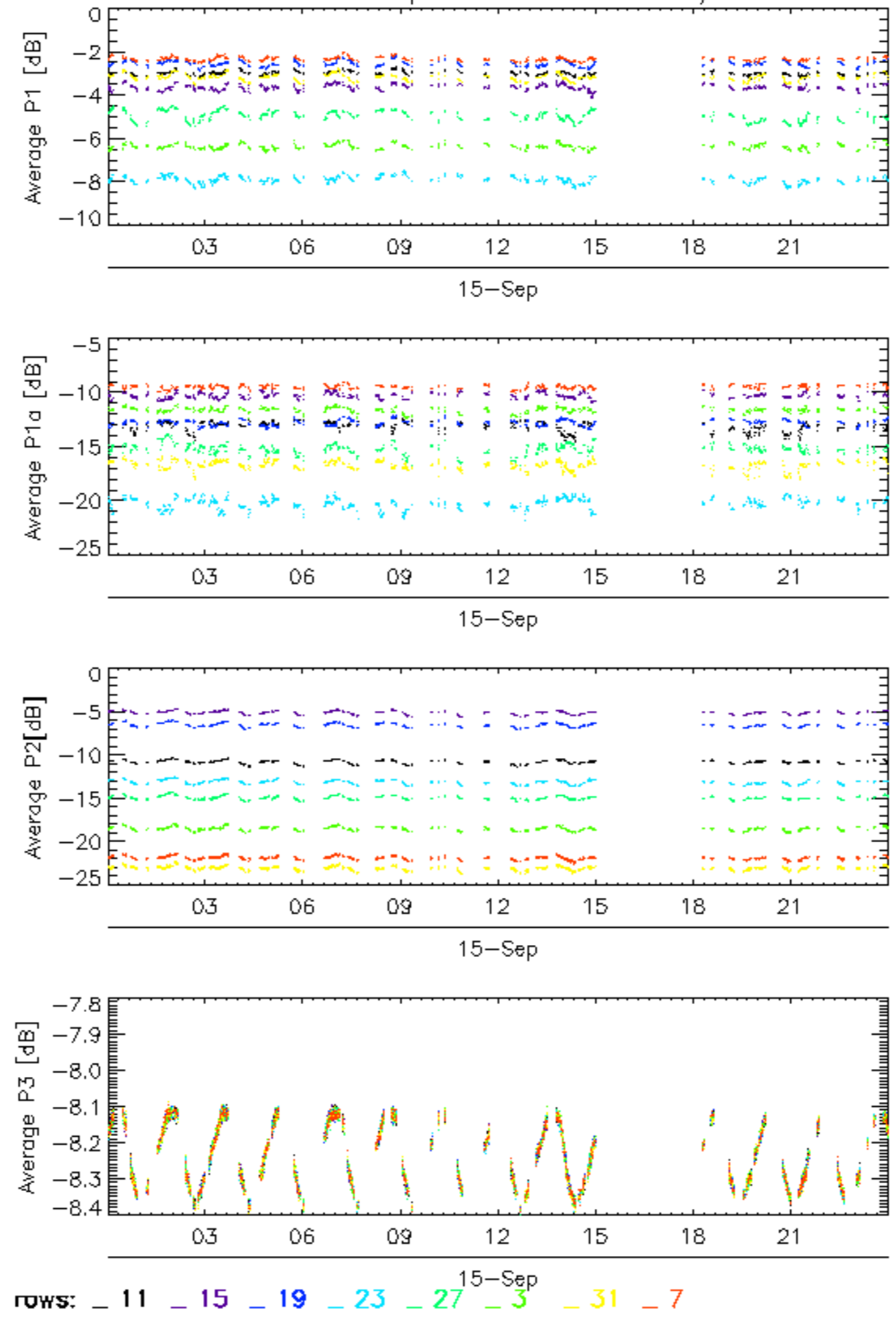
15-Sep



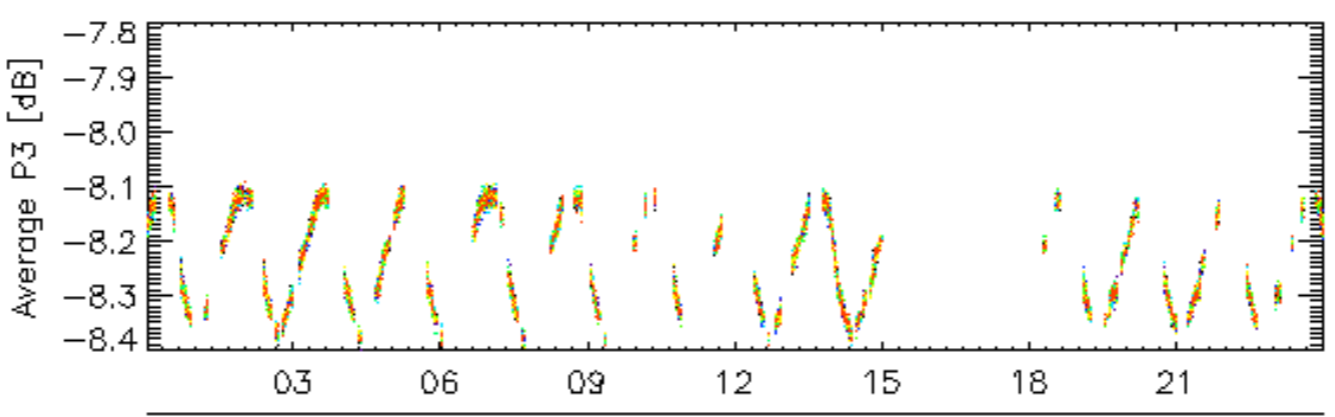
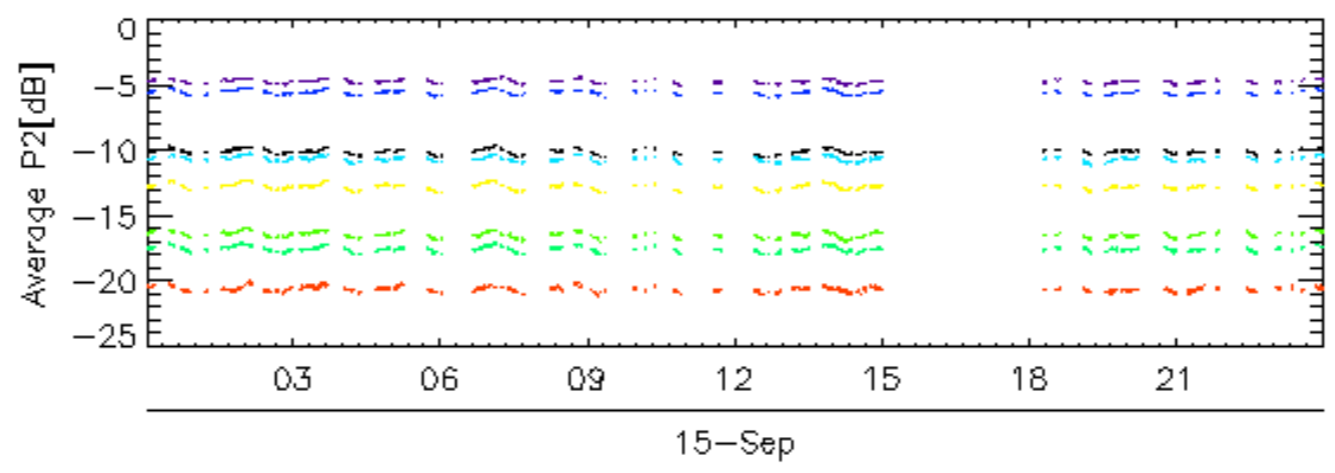
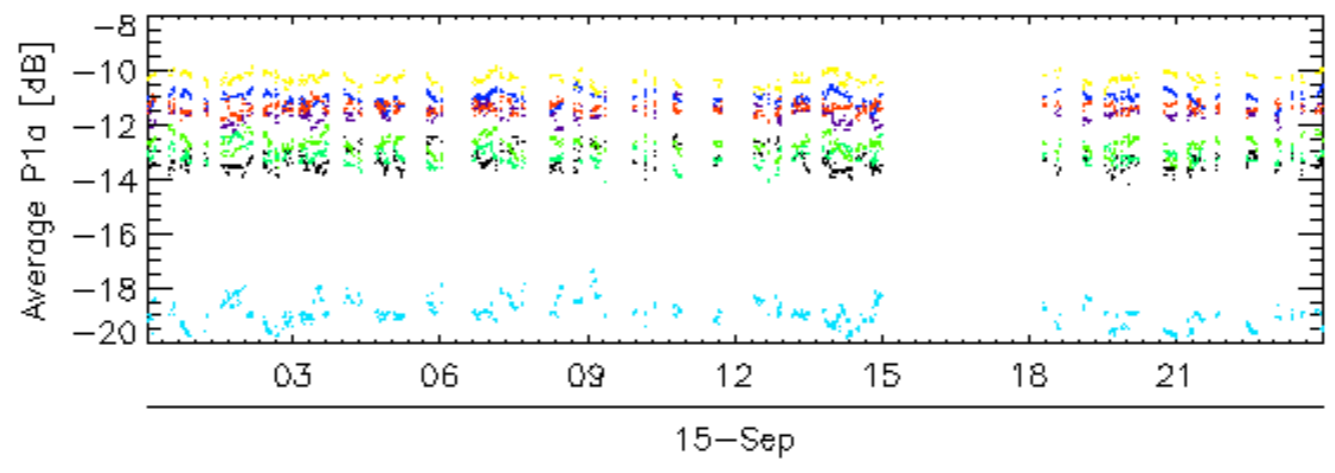
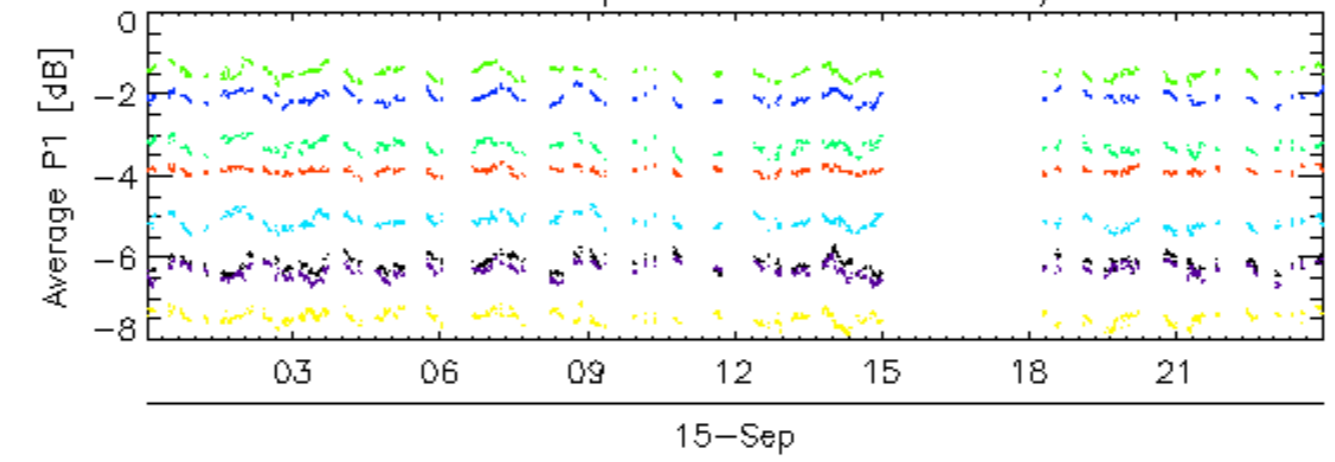
15-Sep

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

### Calibration pulses for GM1 SS3 H/H

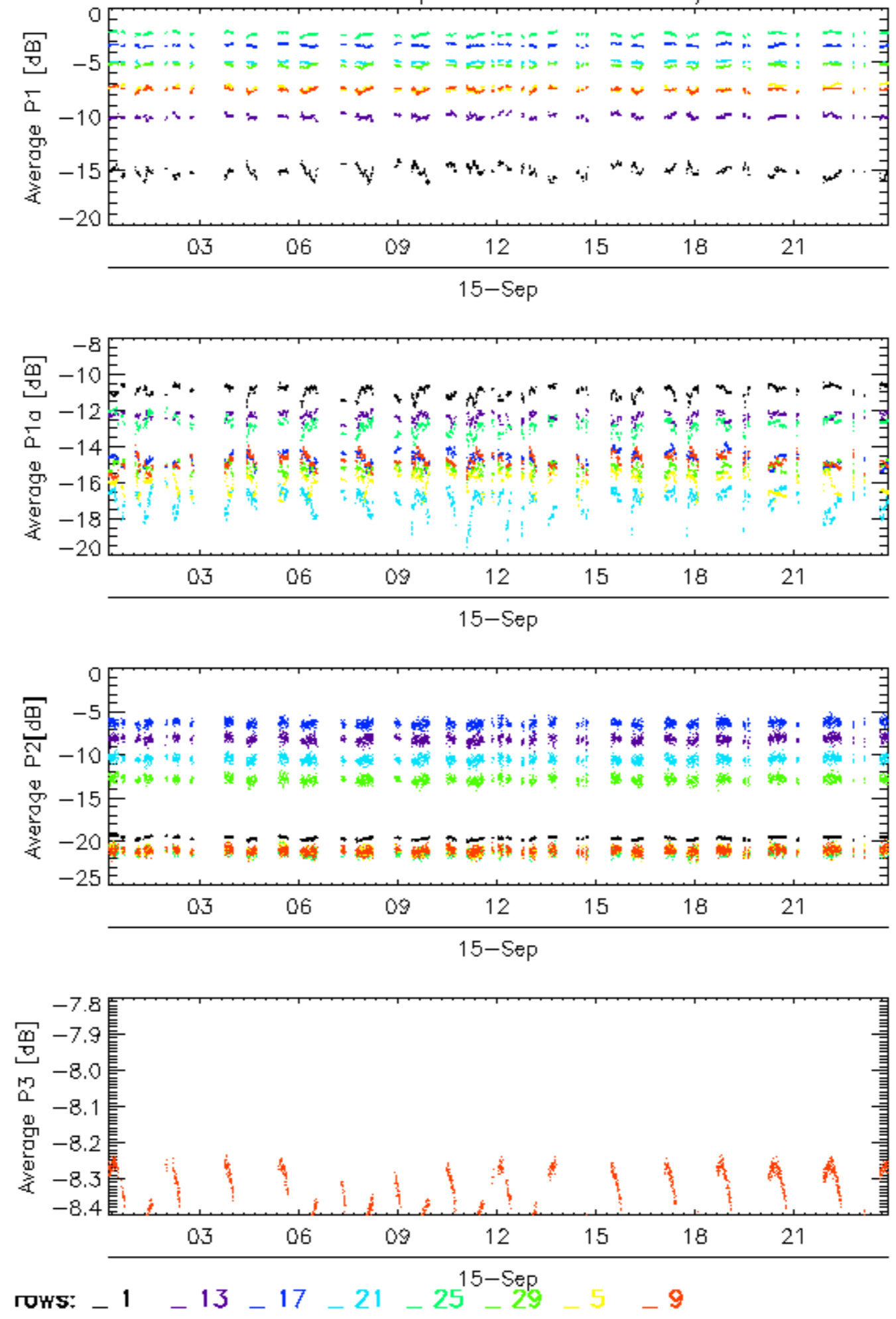


### Calibration pulses for GM1 SS3 H/H



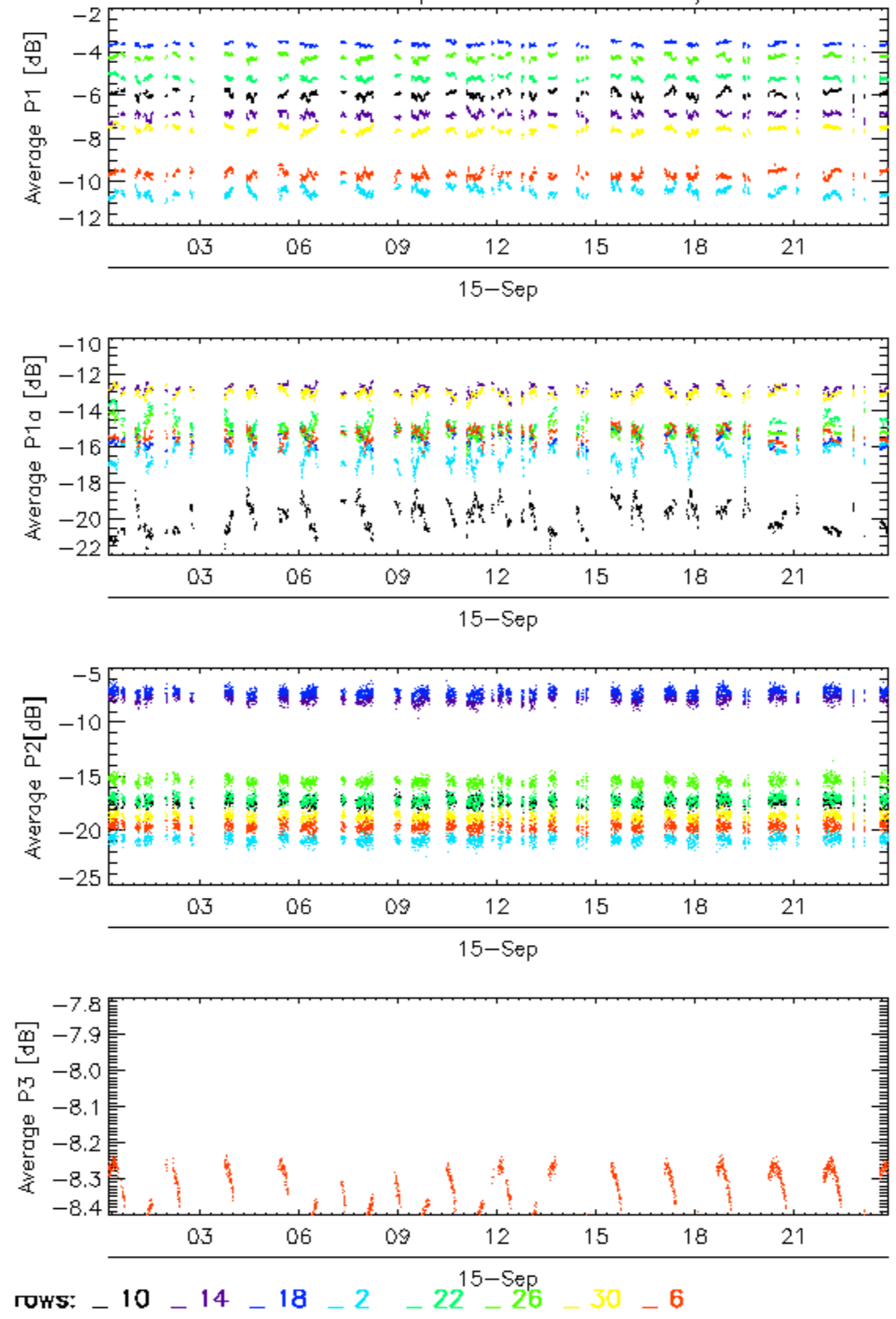
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### Calibration pulses for WVS IS2 V/V

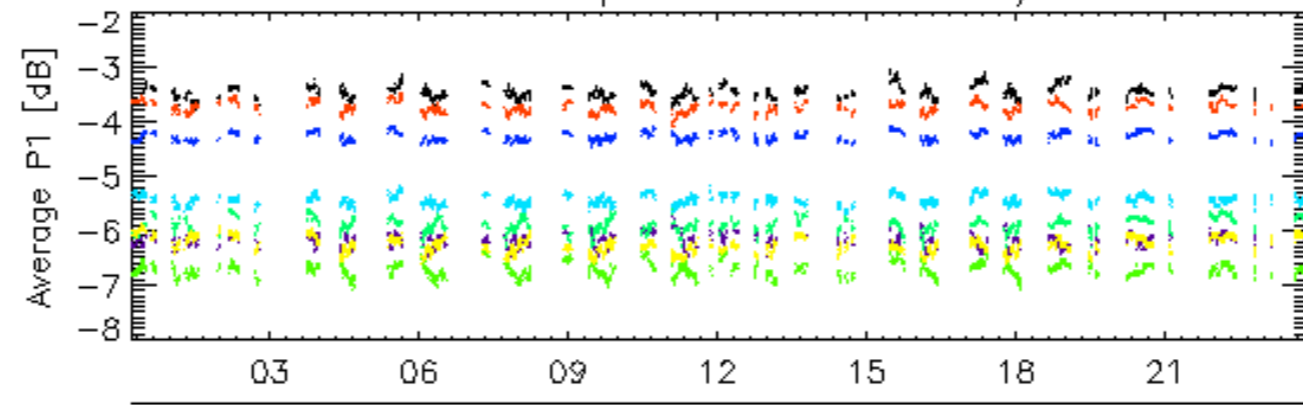




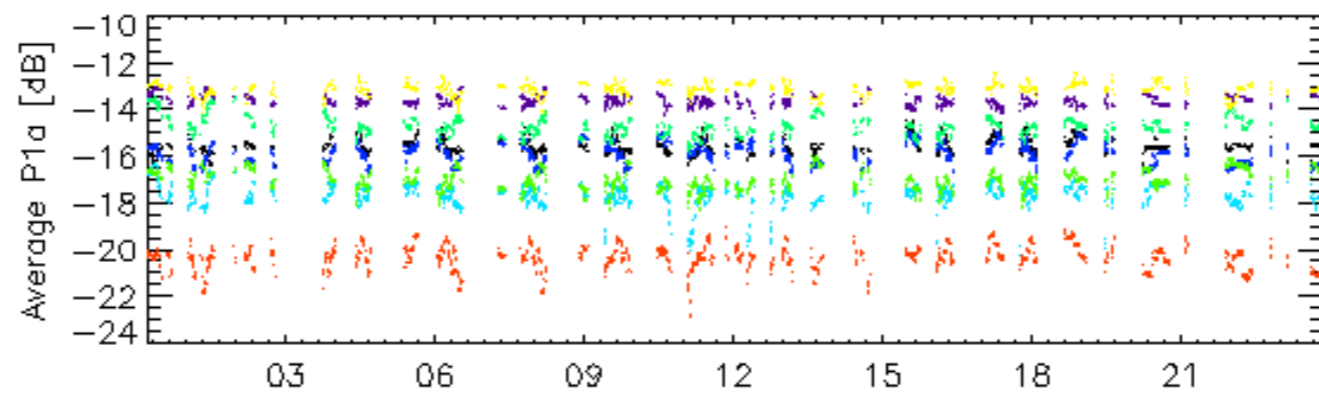
Calibration pulses for WVS IS2 V/V



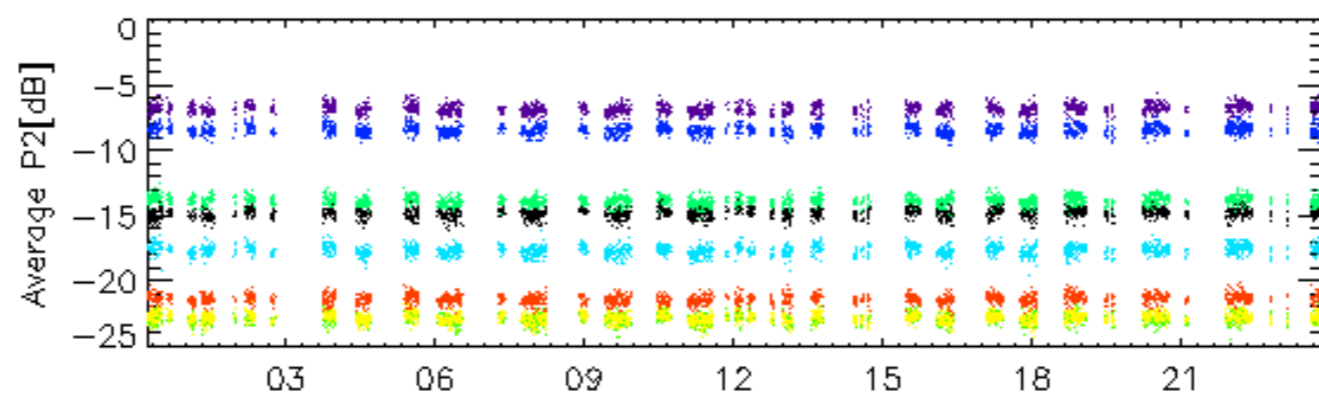
Calibration pulses for WVS IS2 V/V



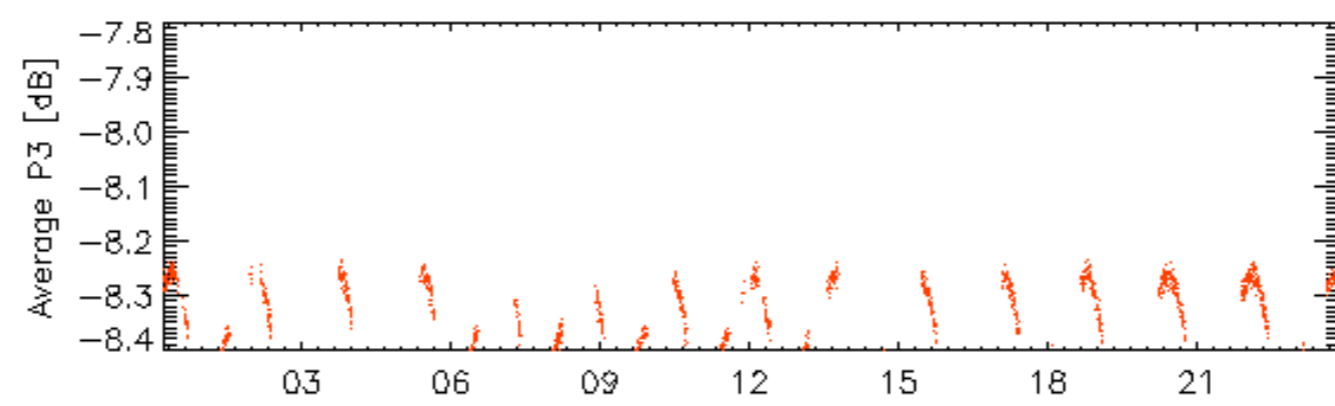
15-Sep



15-Sep



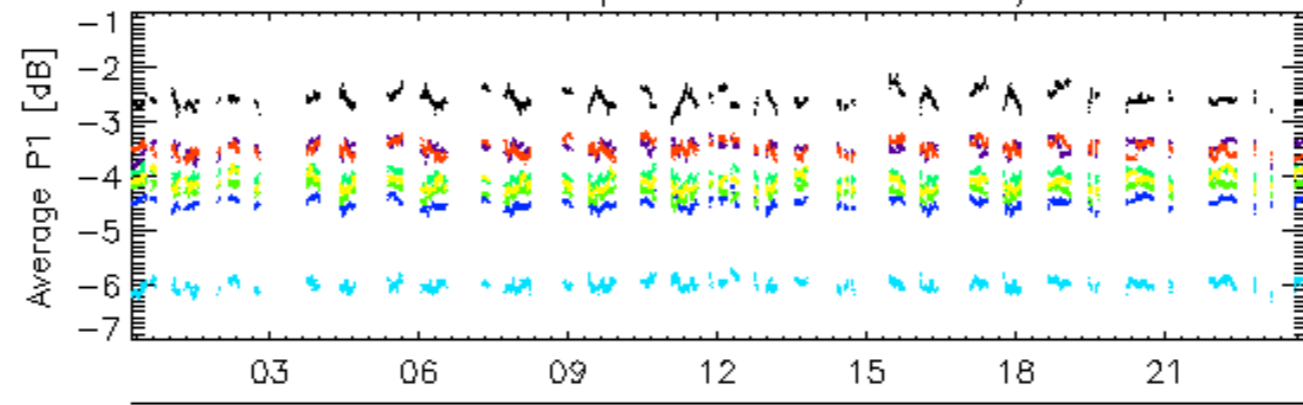
15-Sep



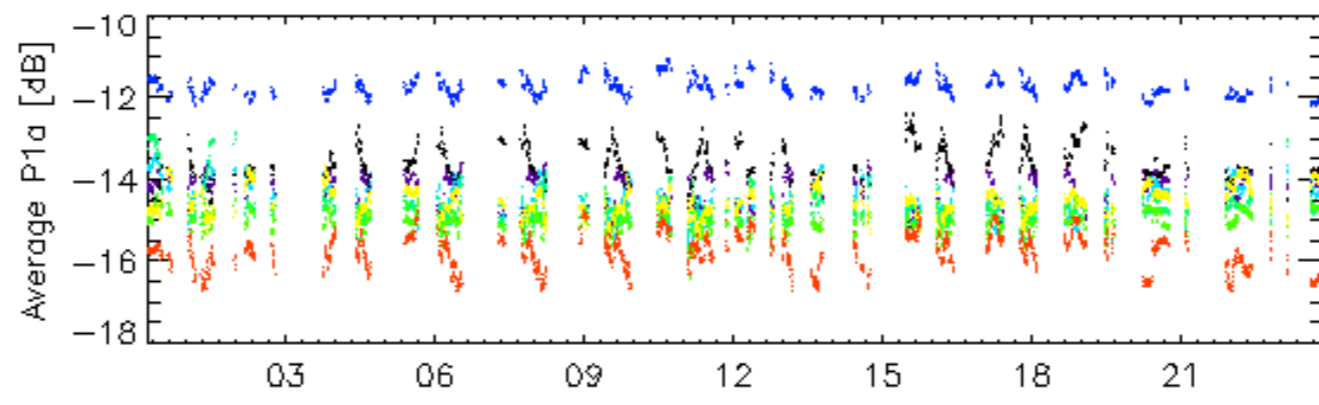
15-Sep

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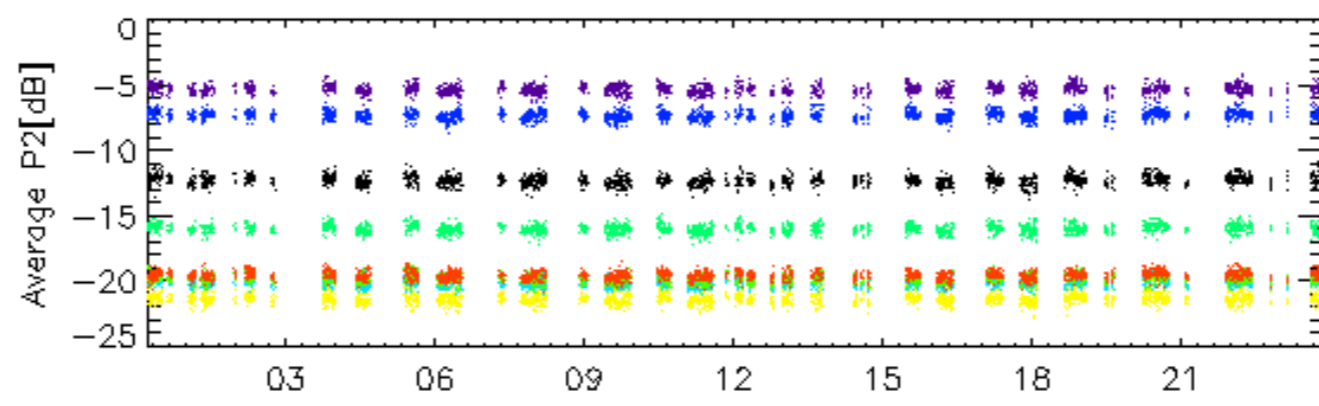
### Calibration pulses for WVS IS2 V/V



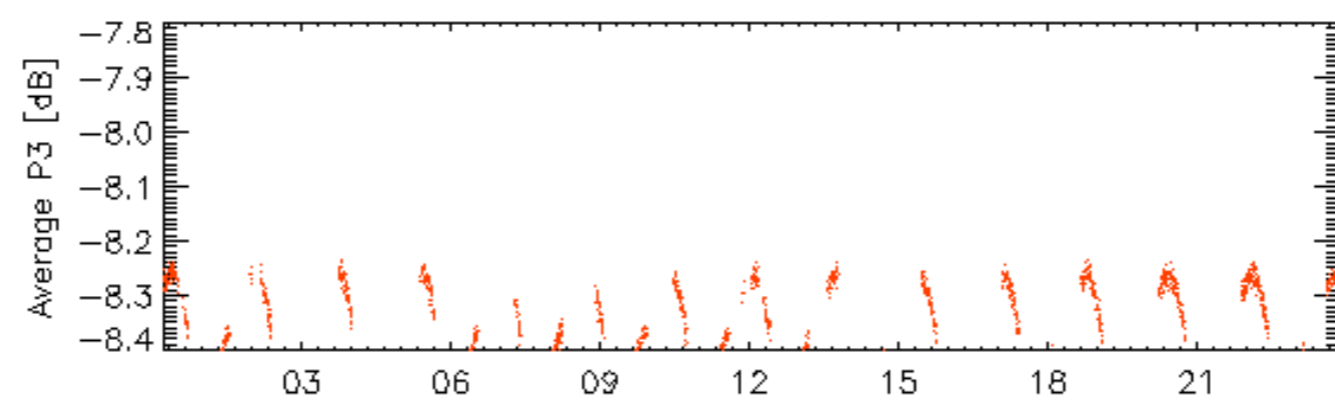
15-Sep



15-Sep

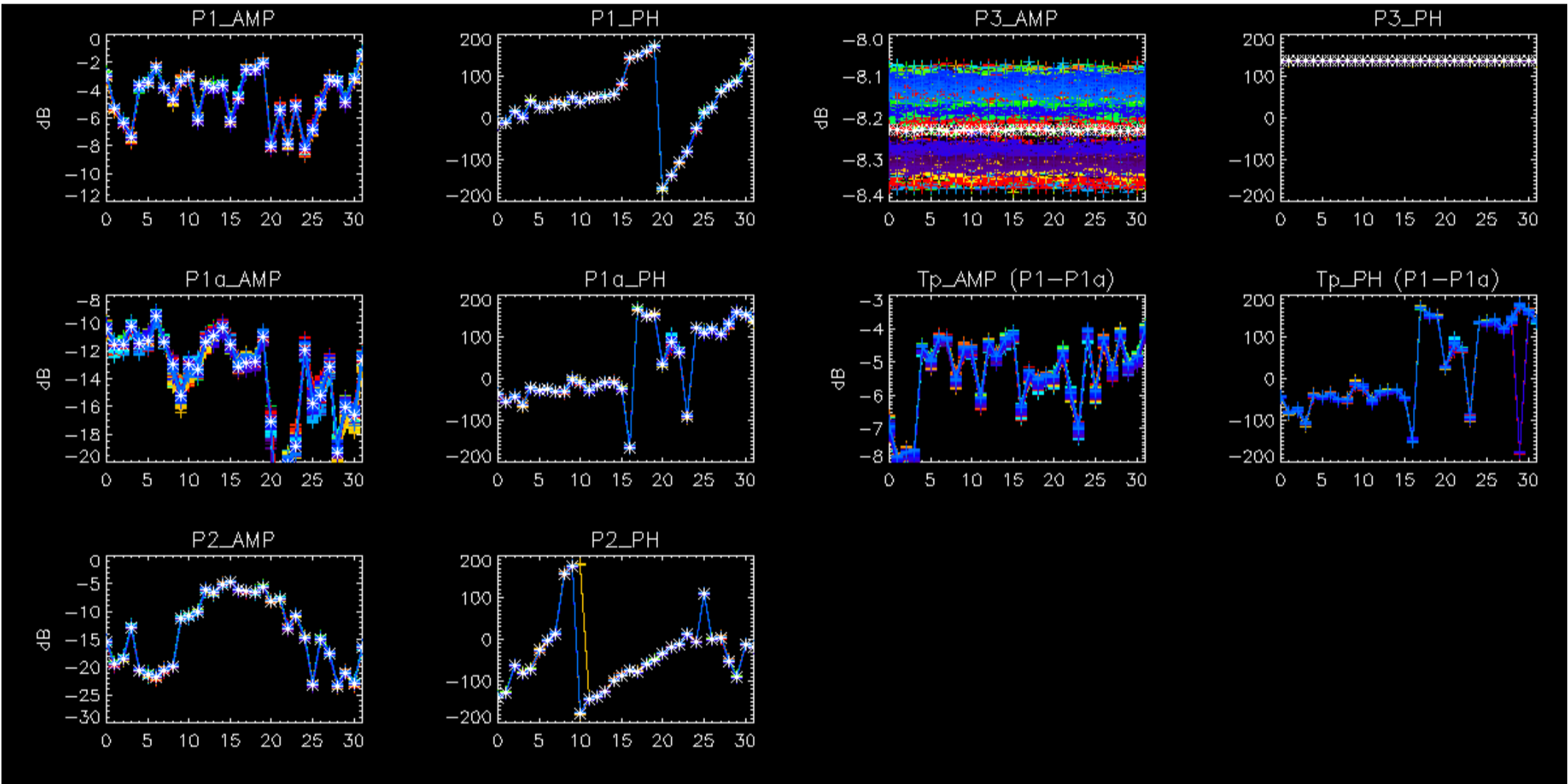


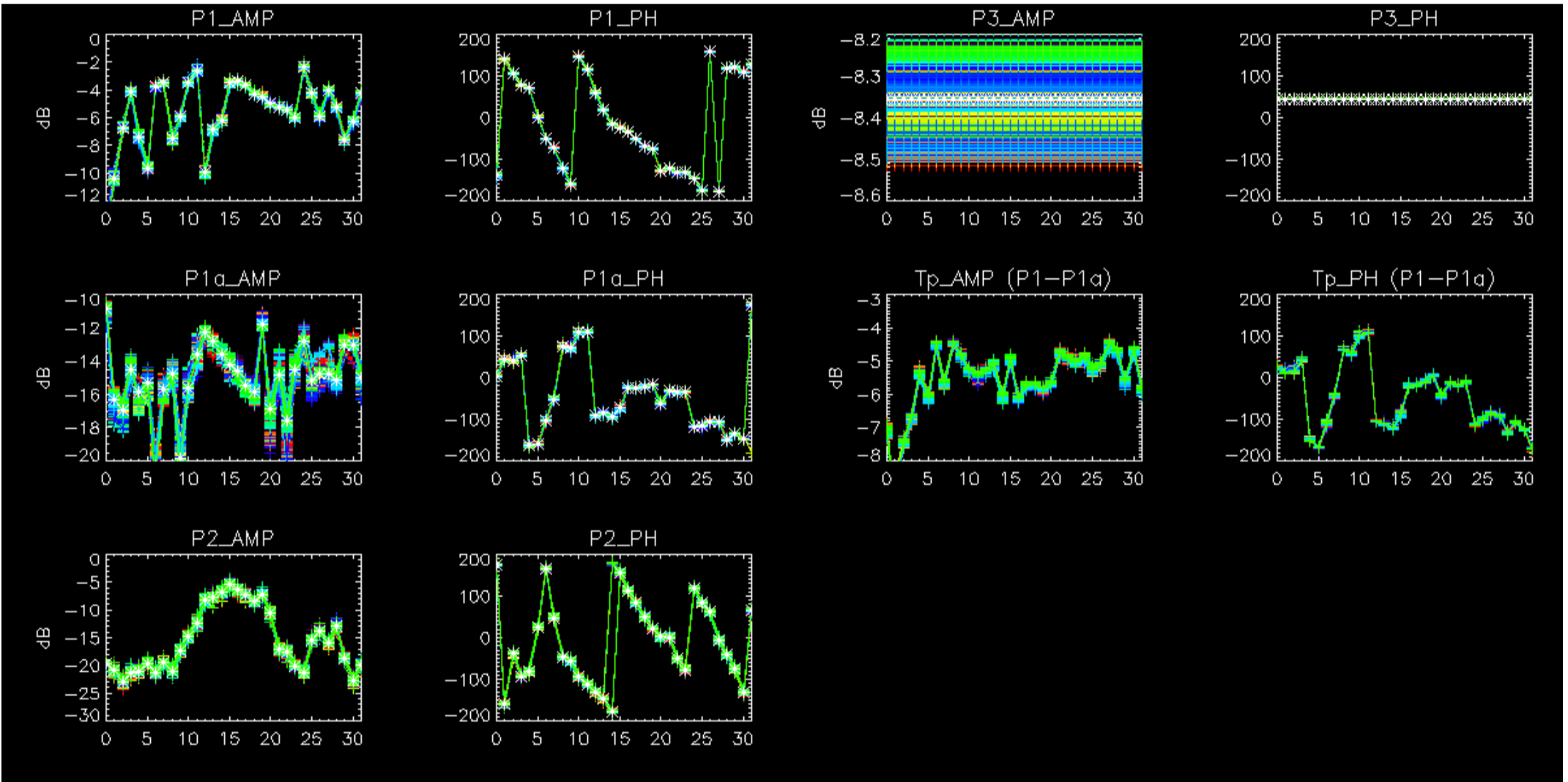
15-Sep

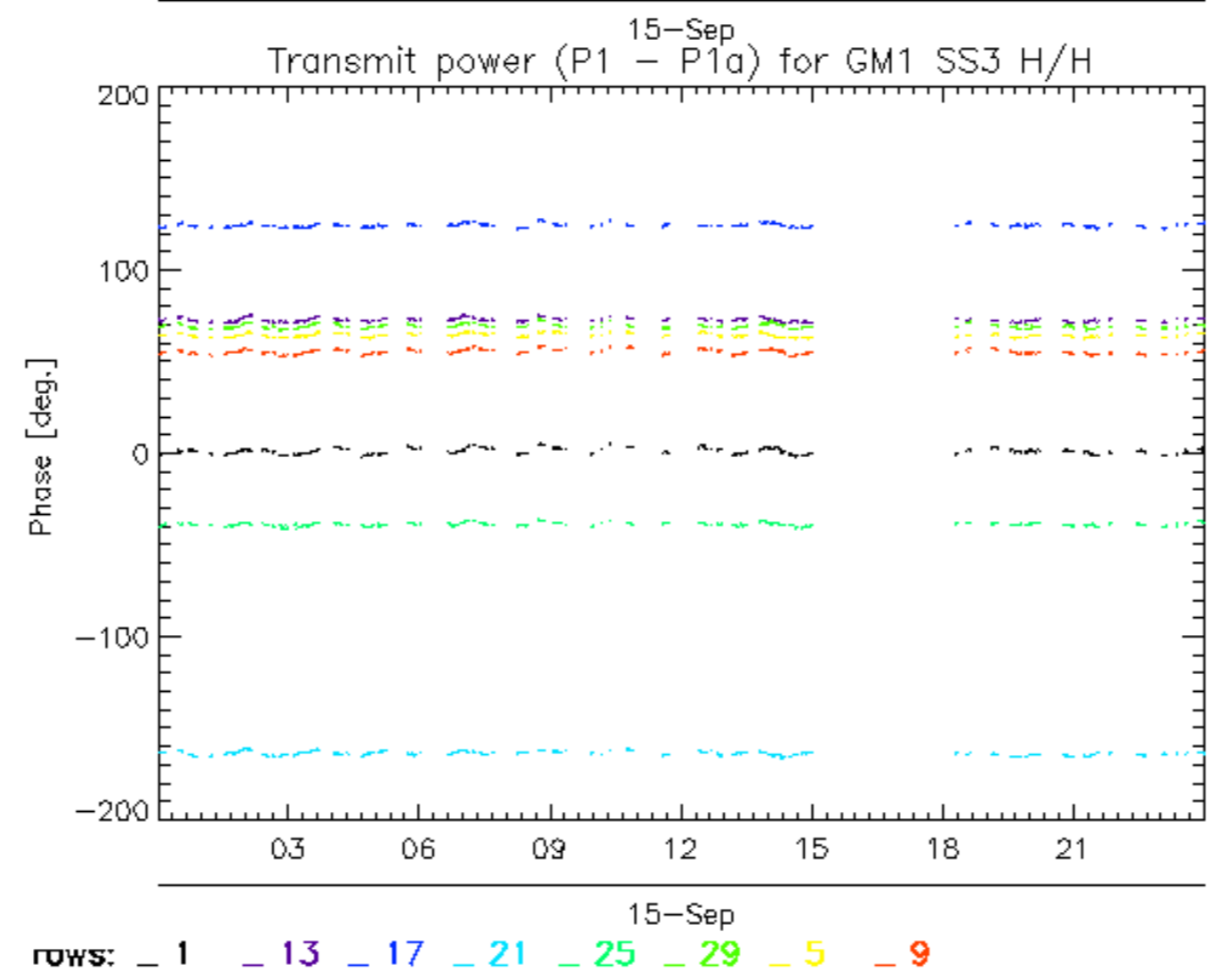
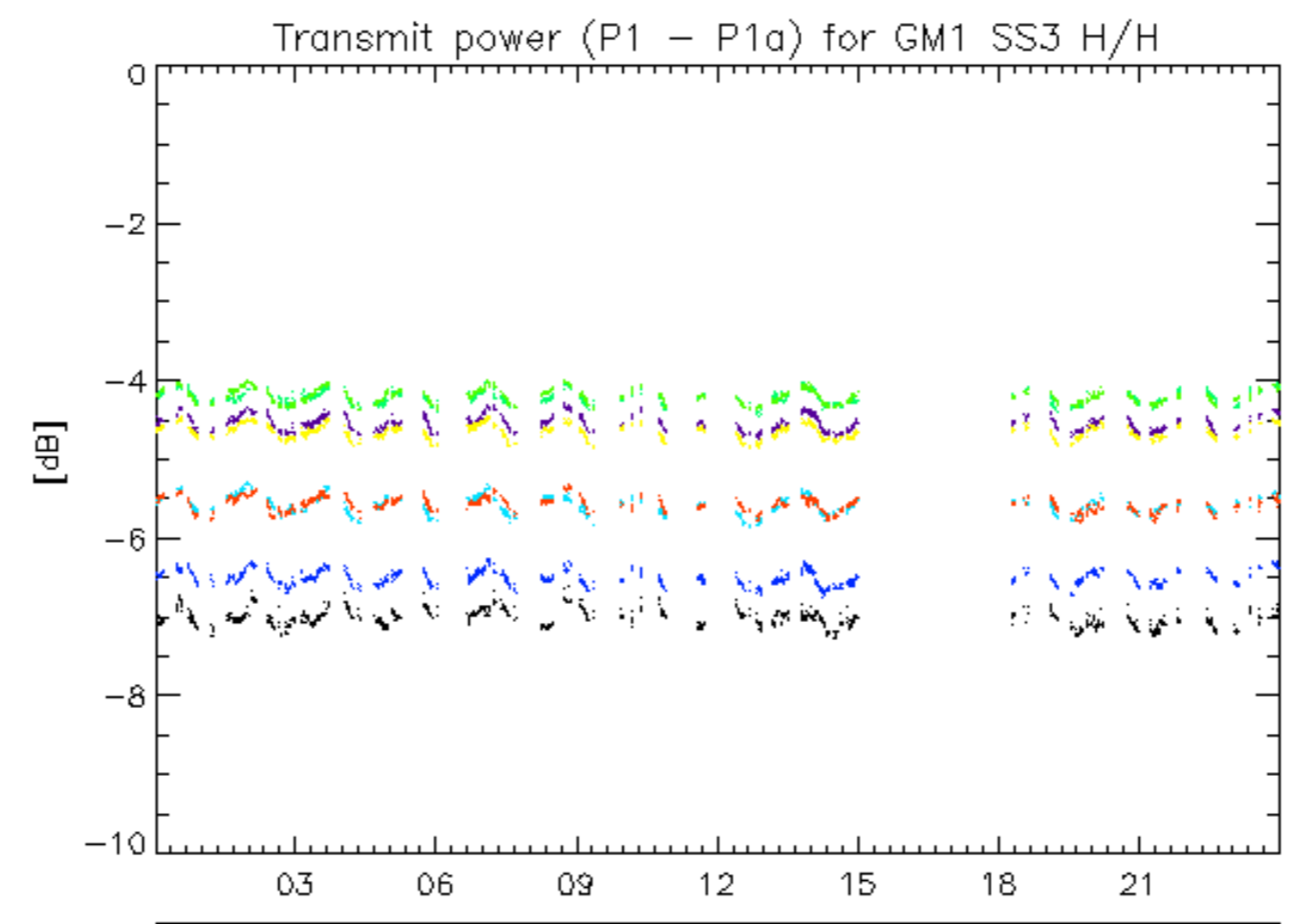


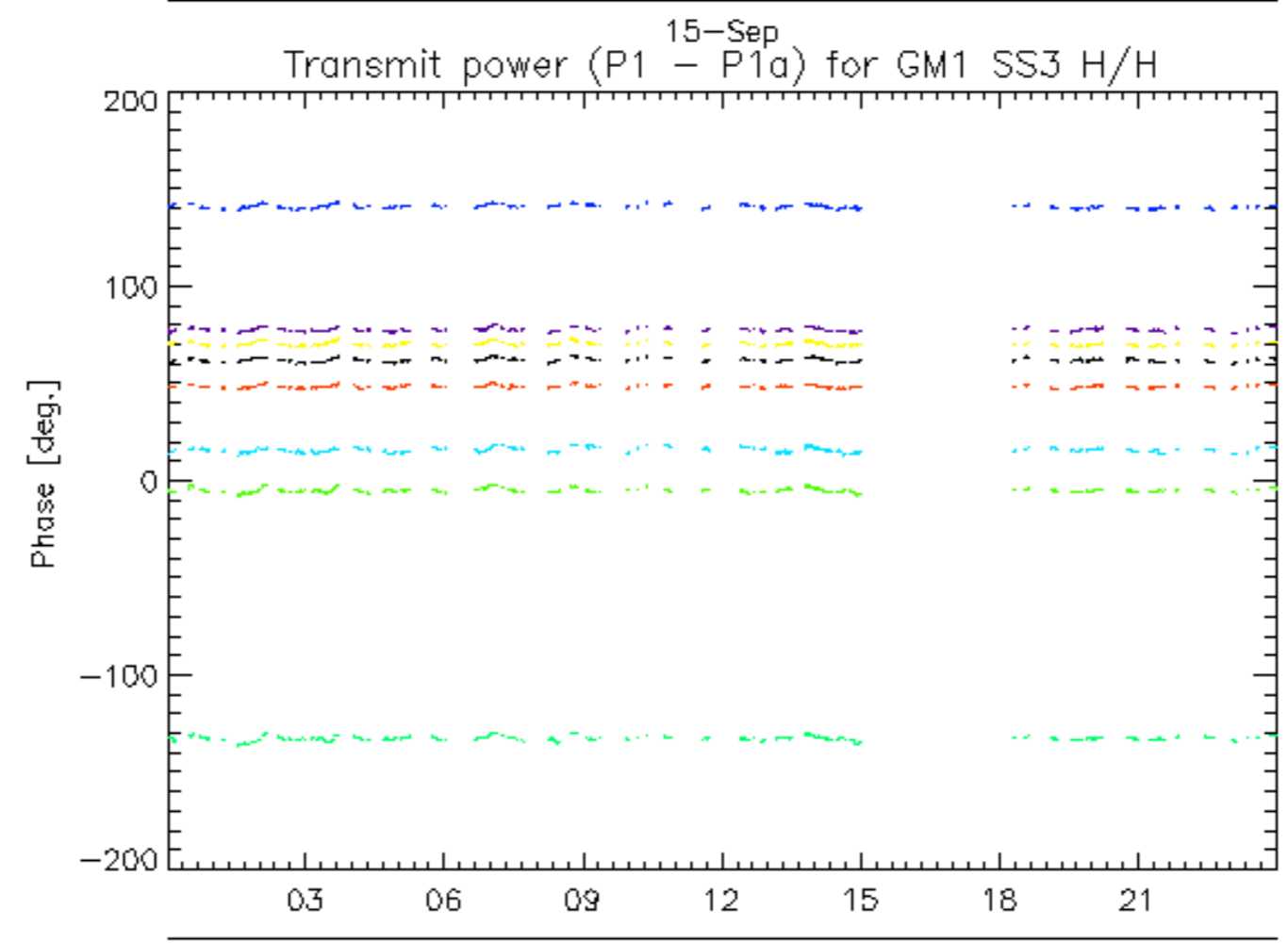
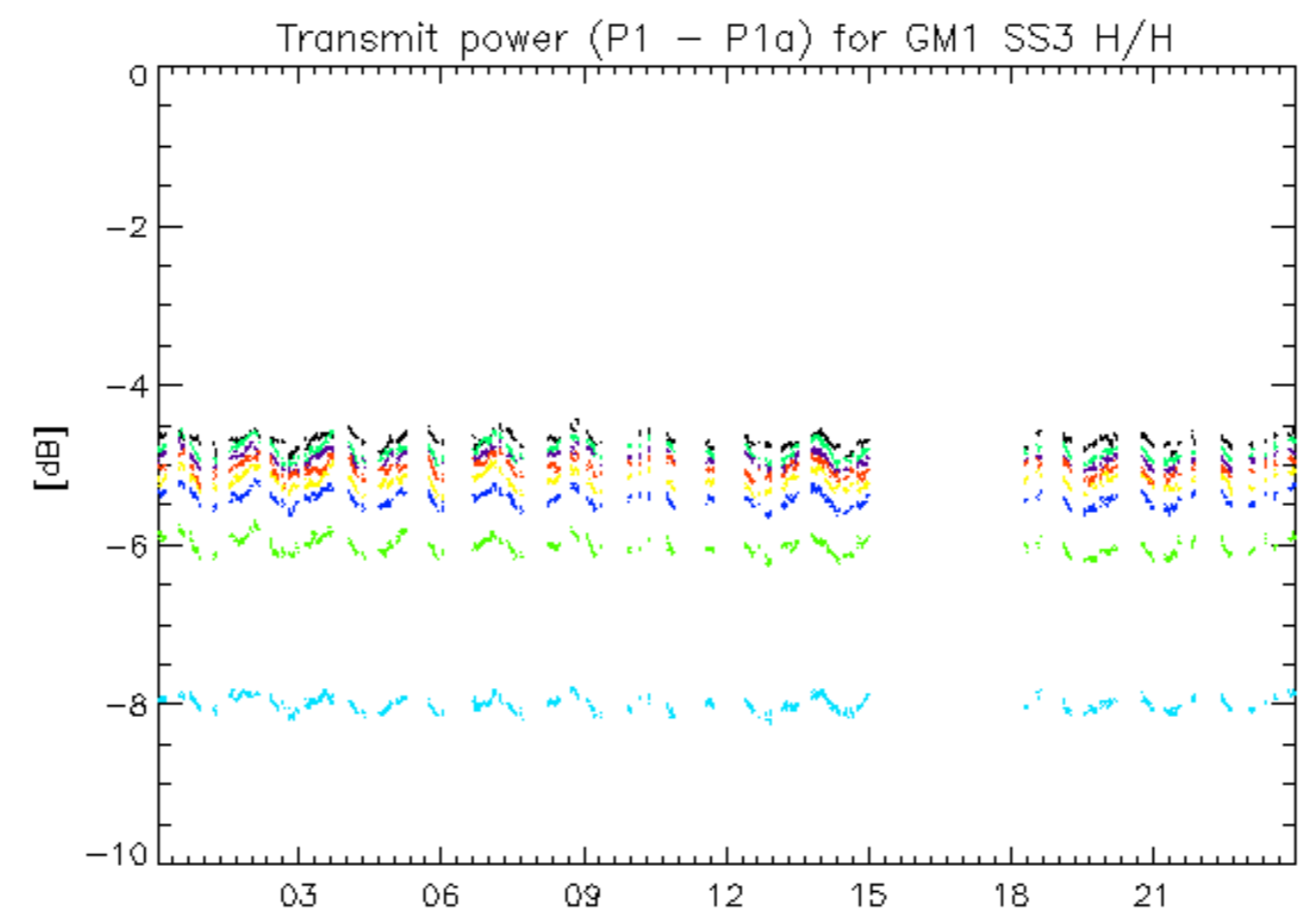
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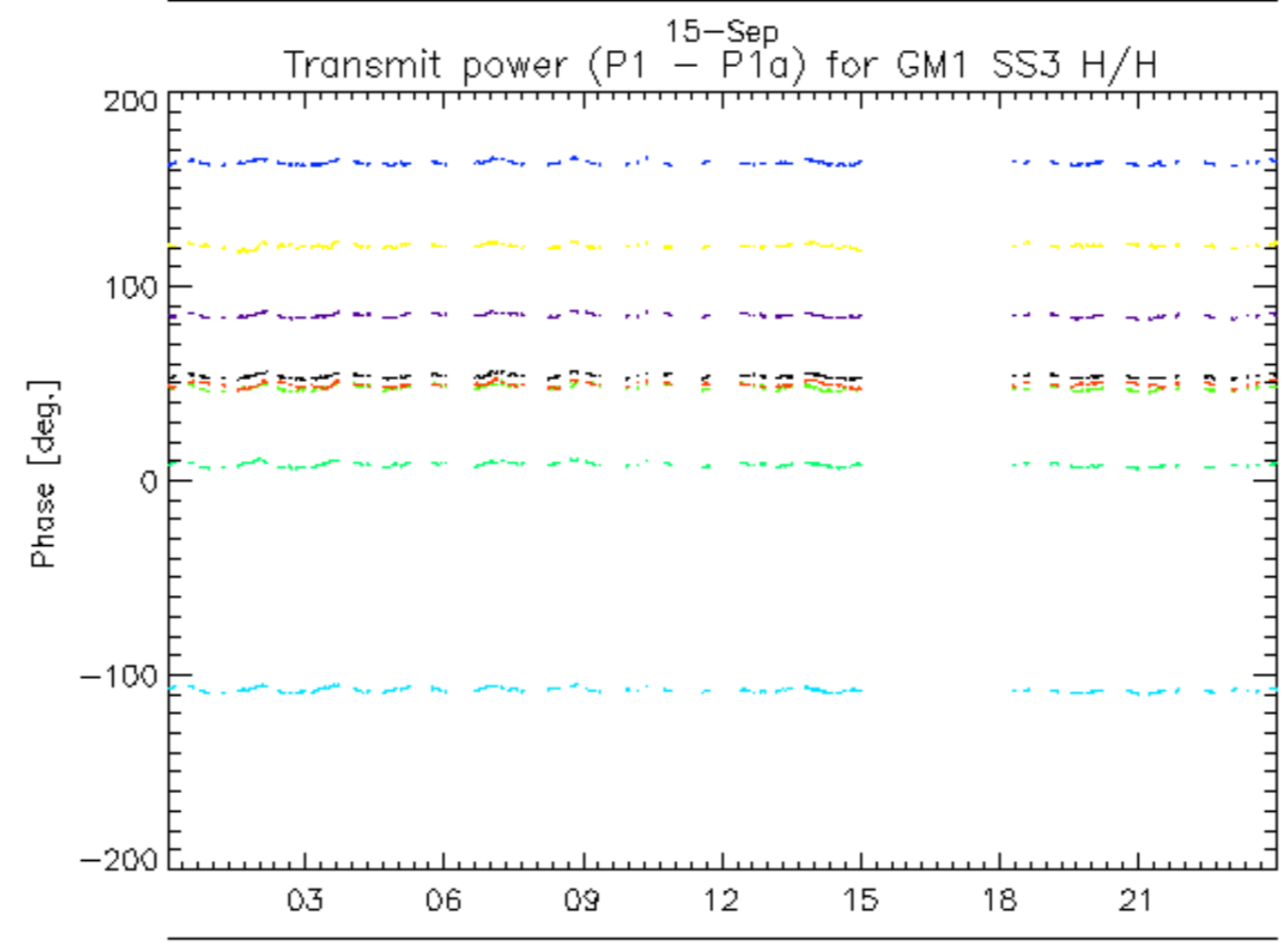
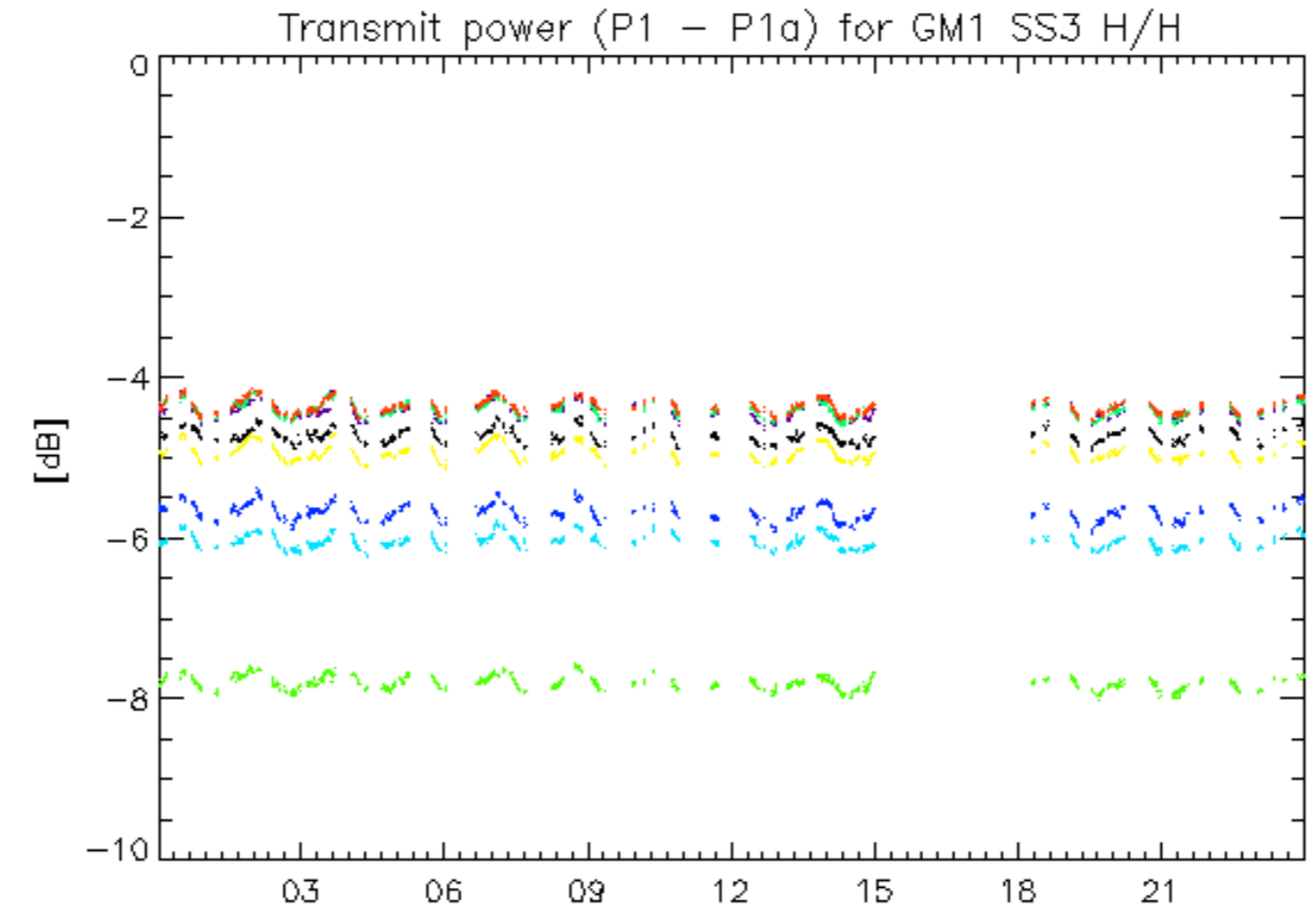






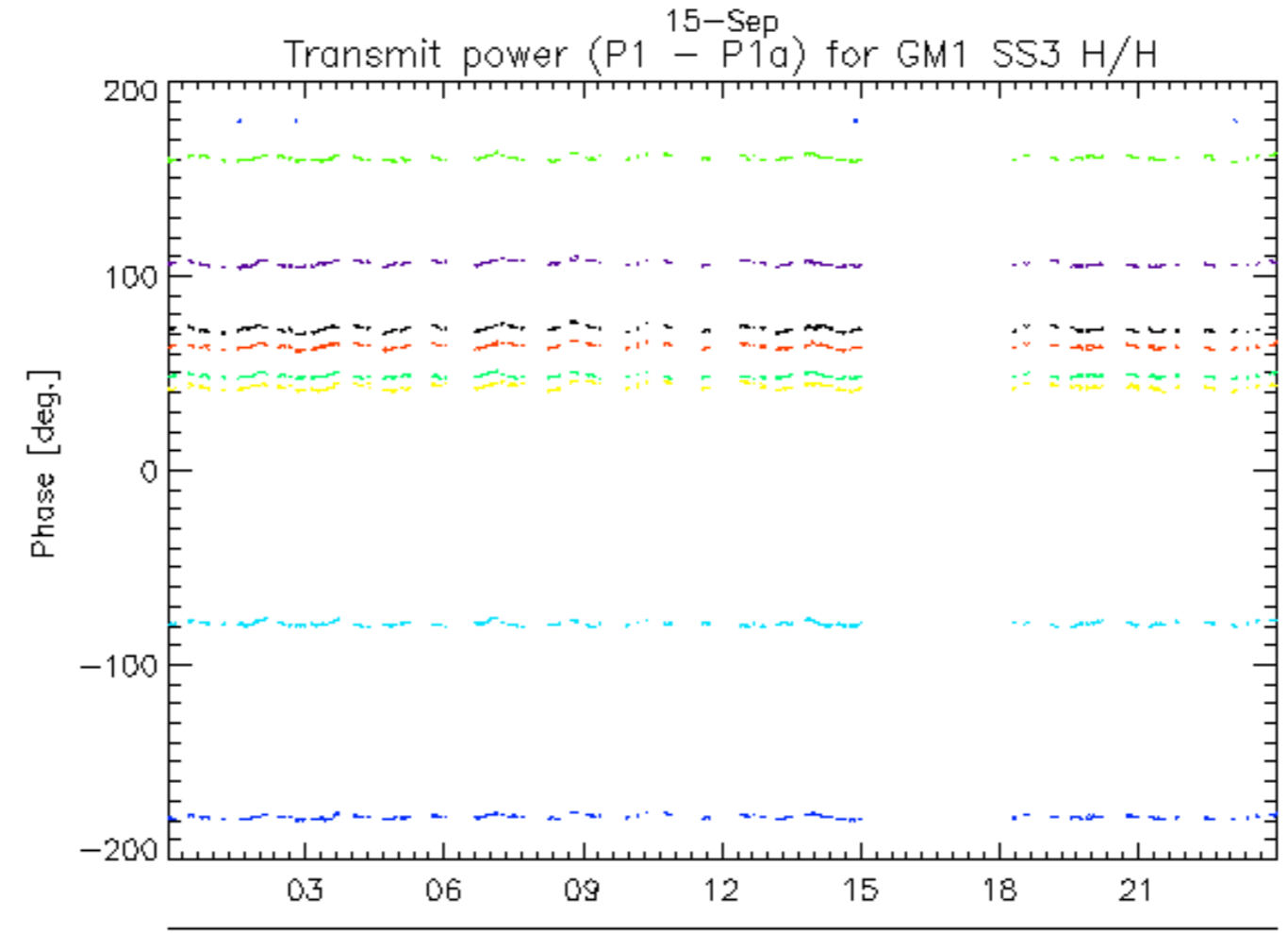
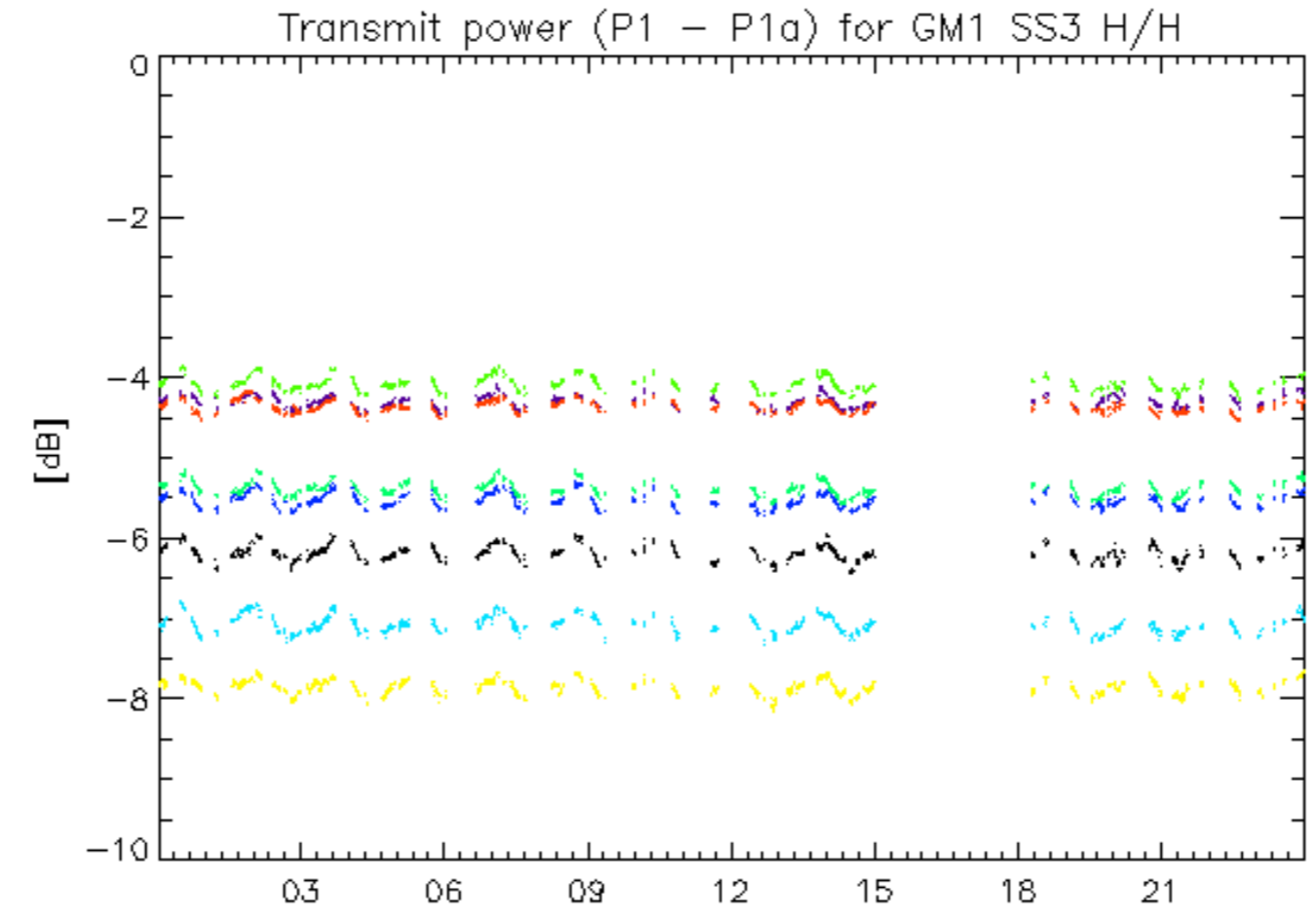


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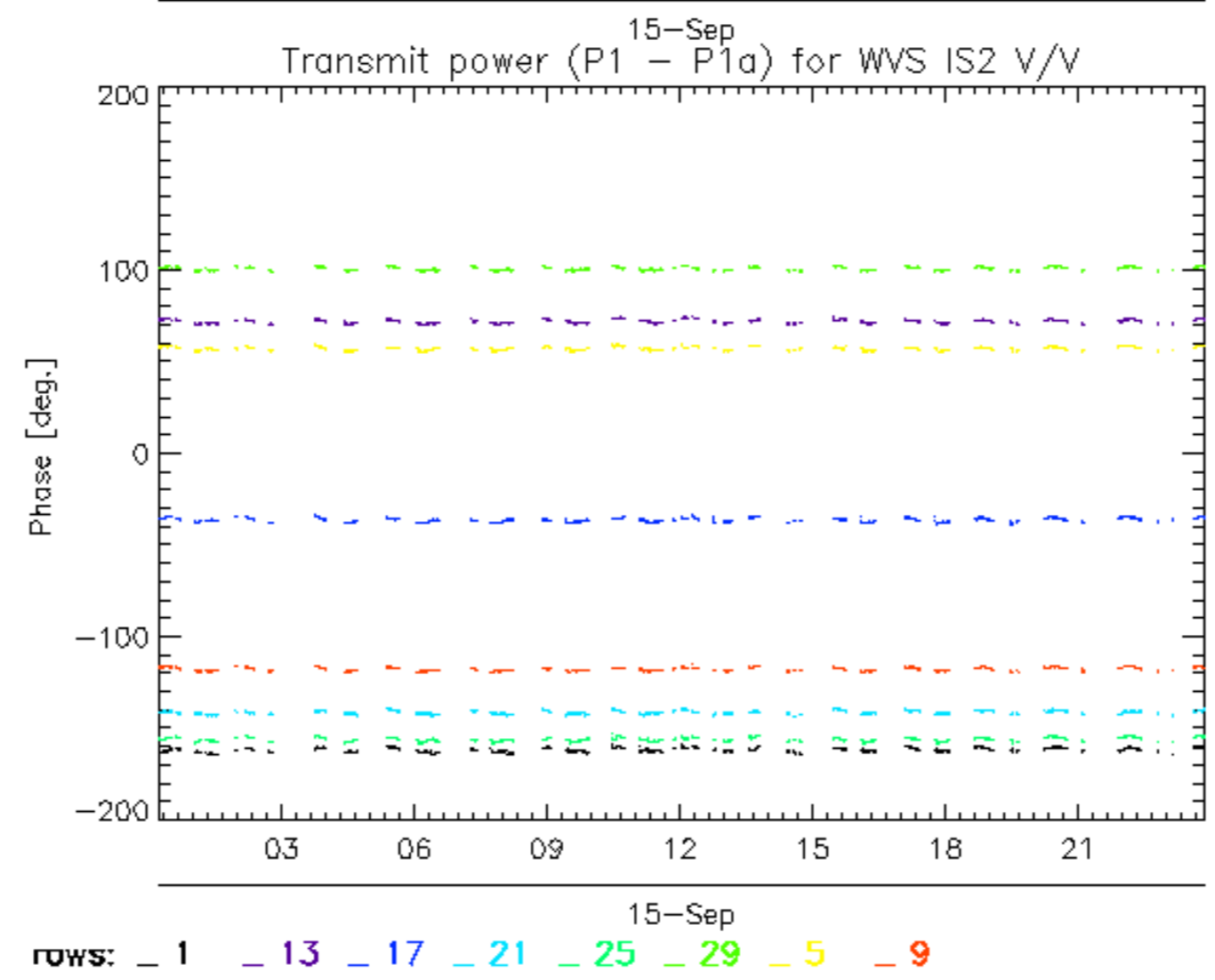
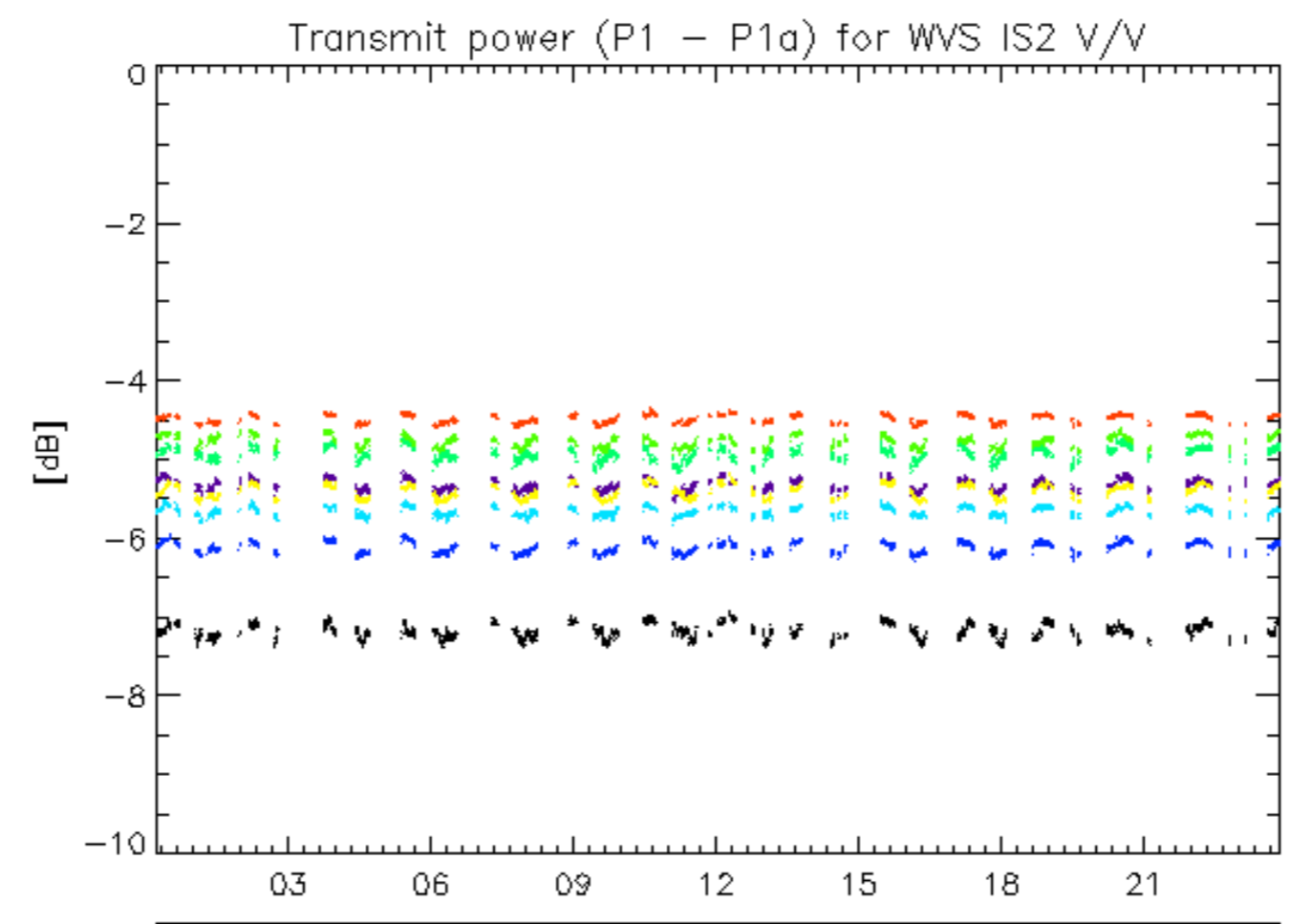


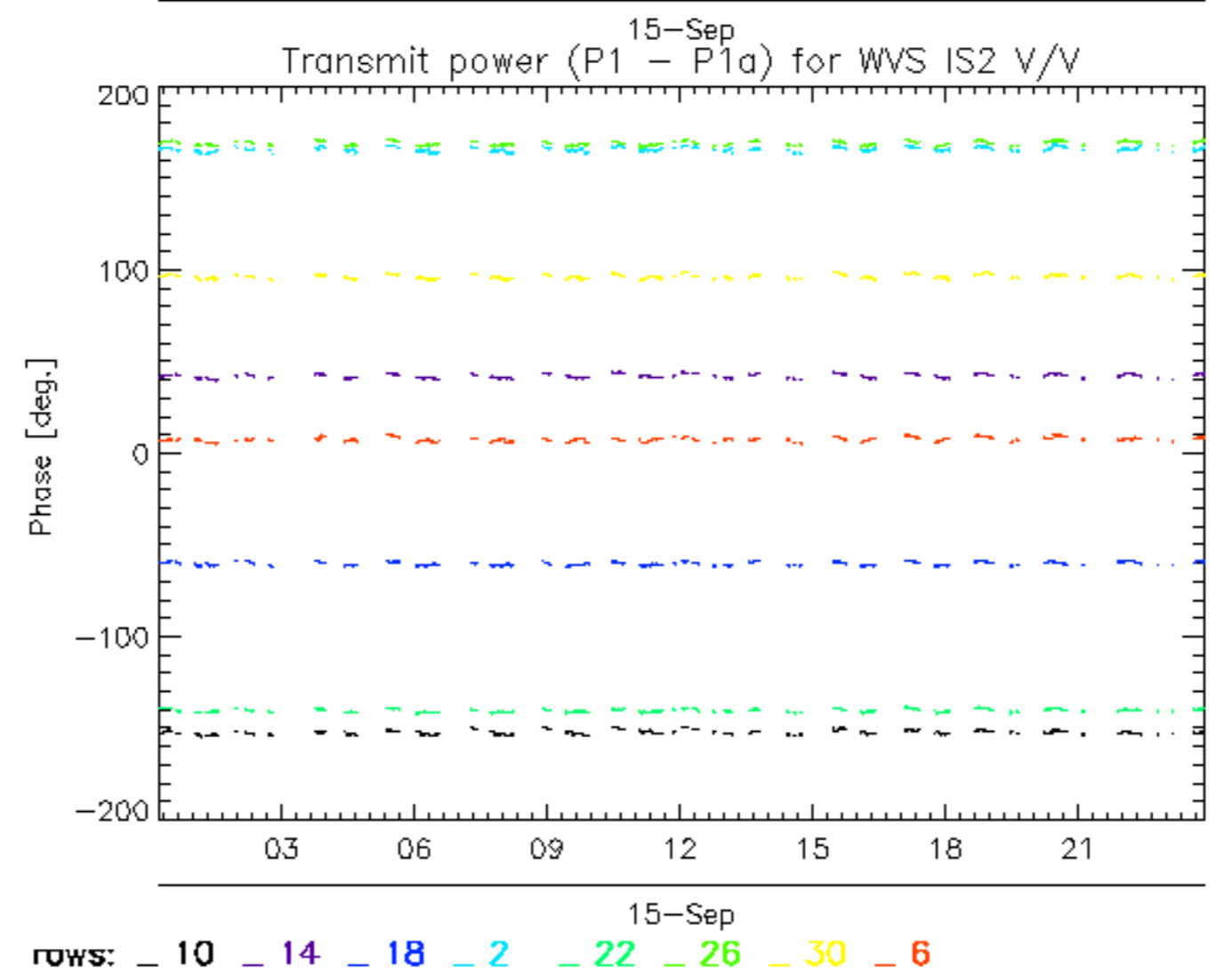
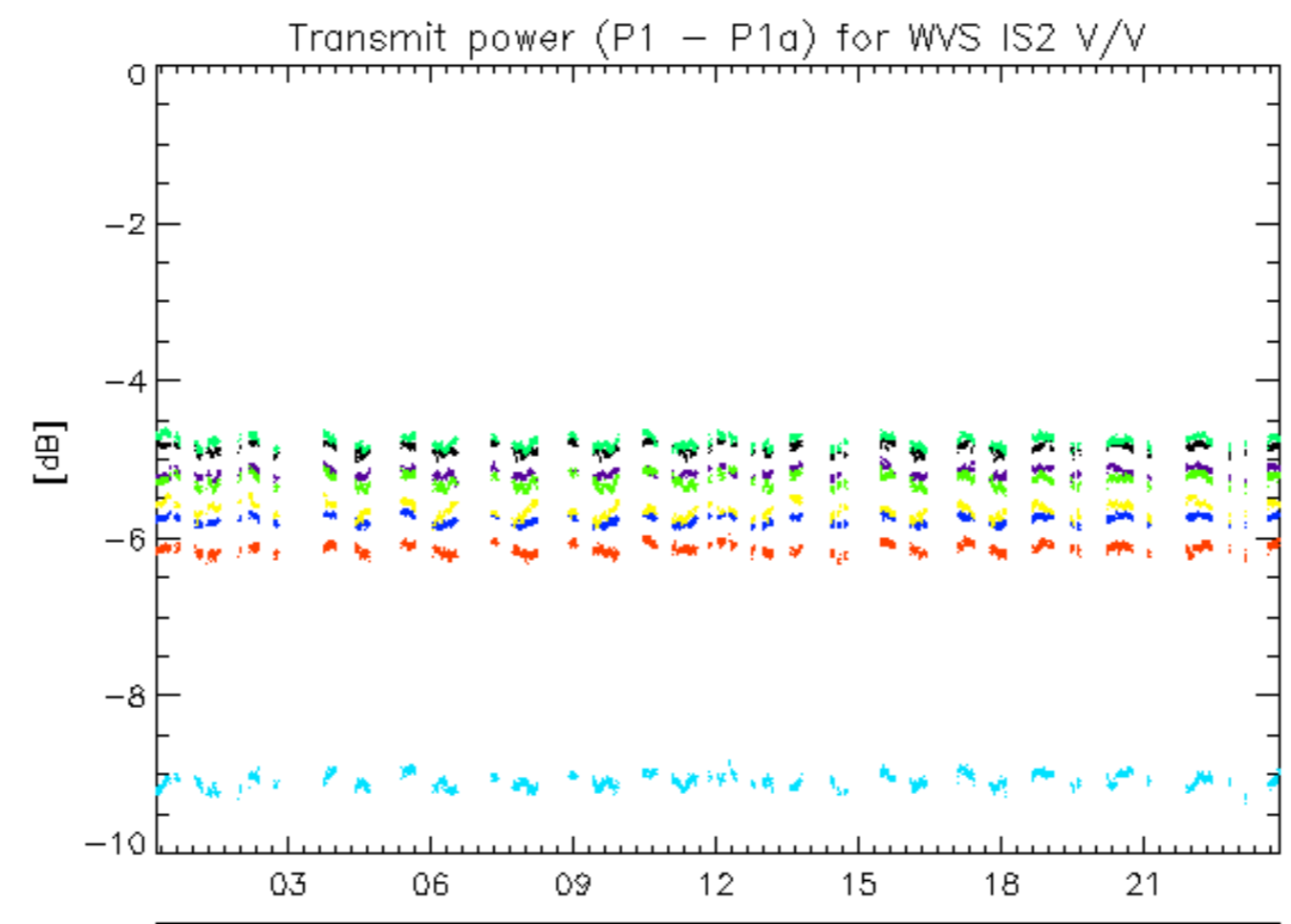
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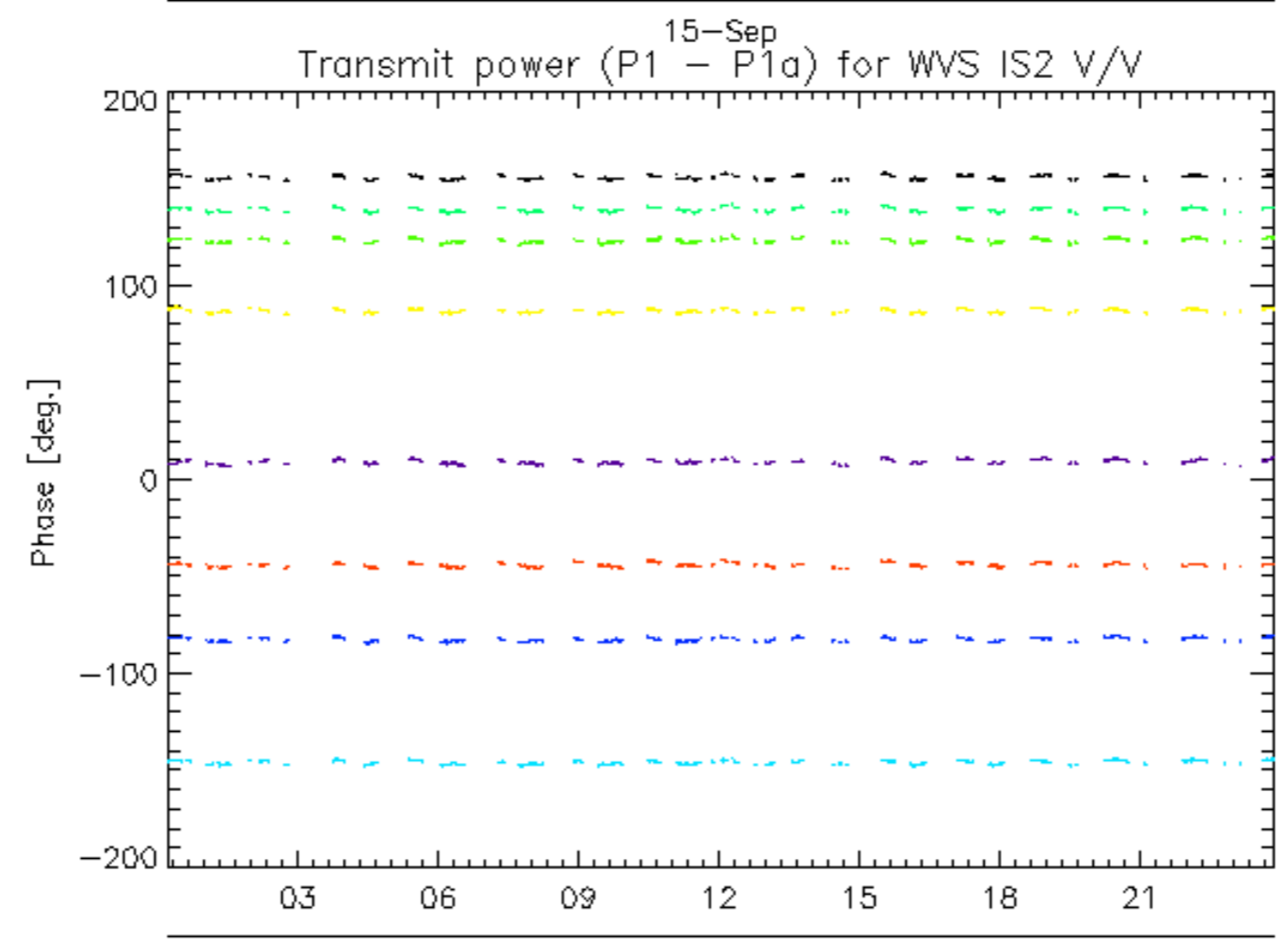
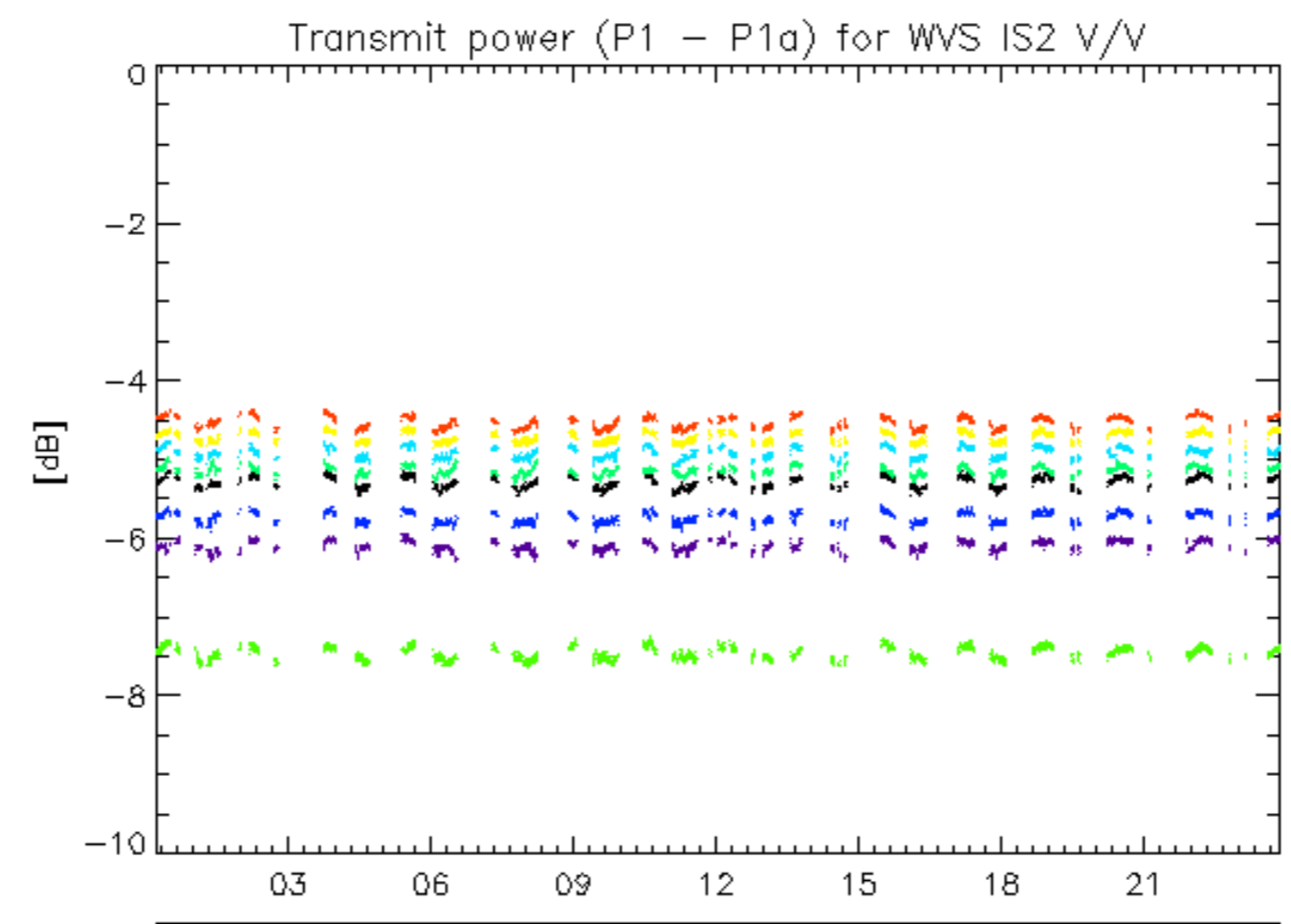




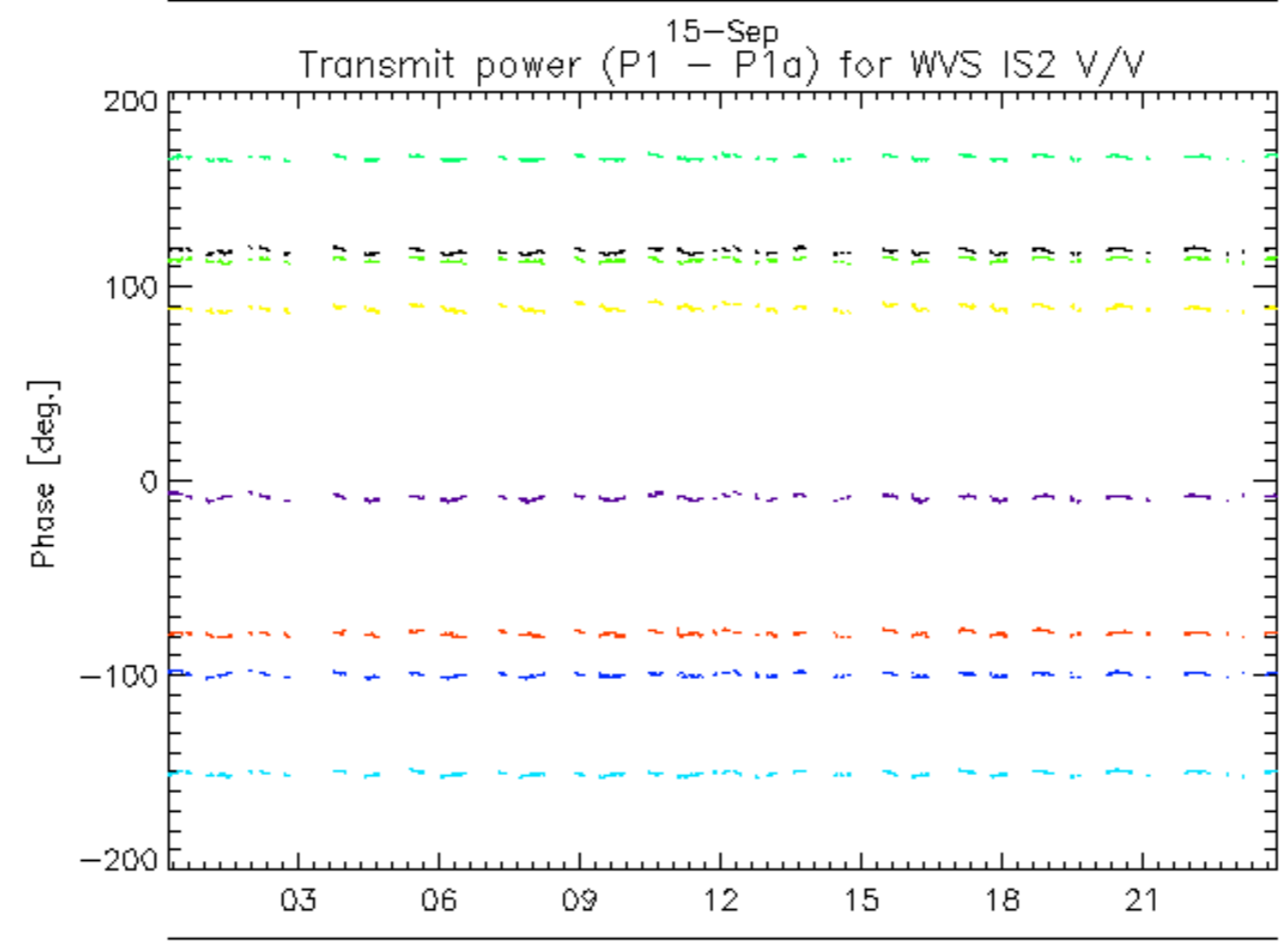
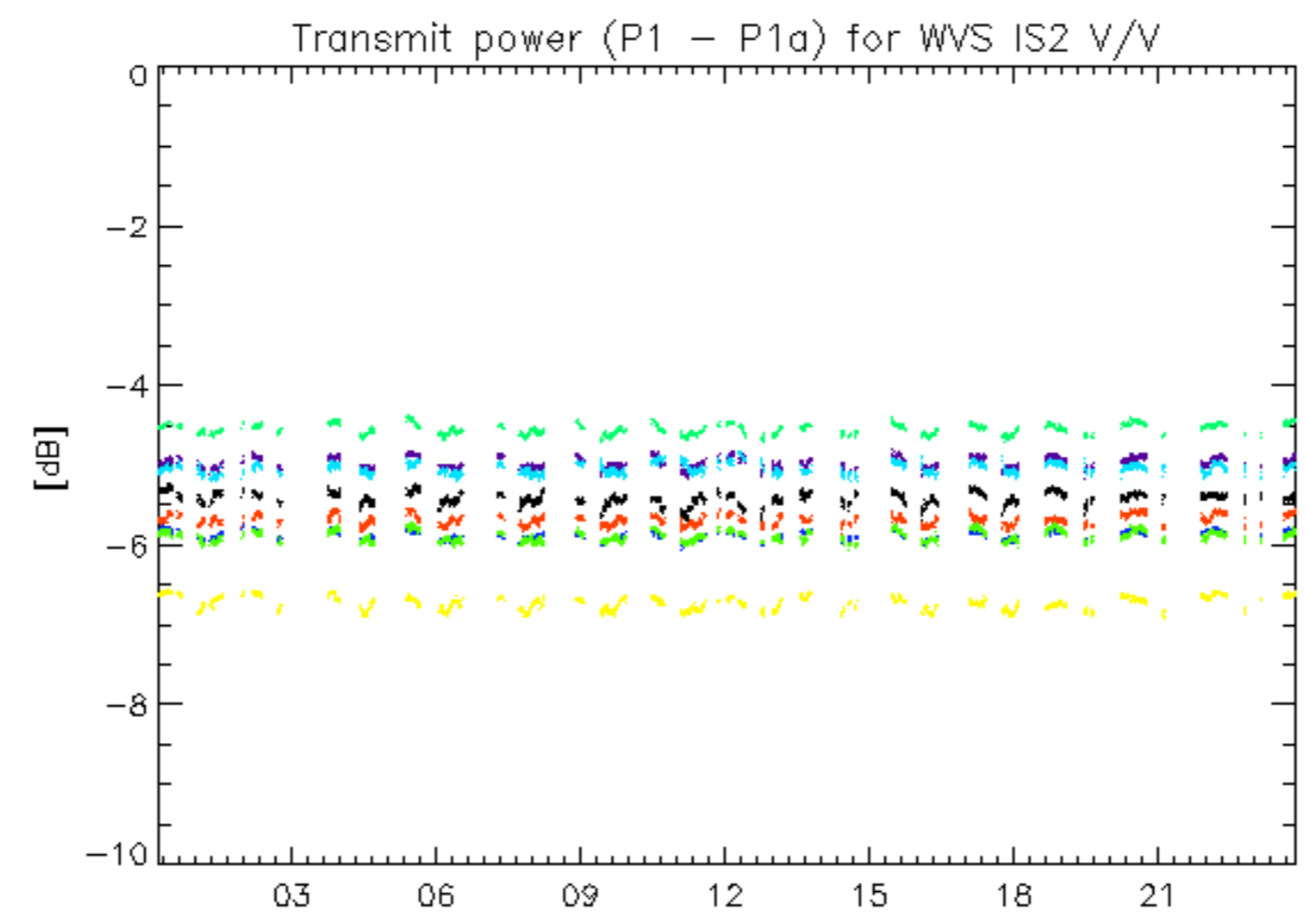
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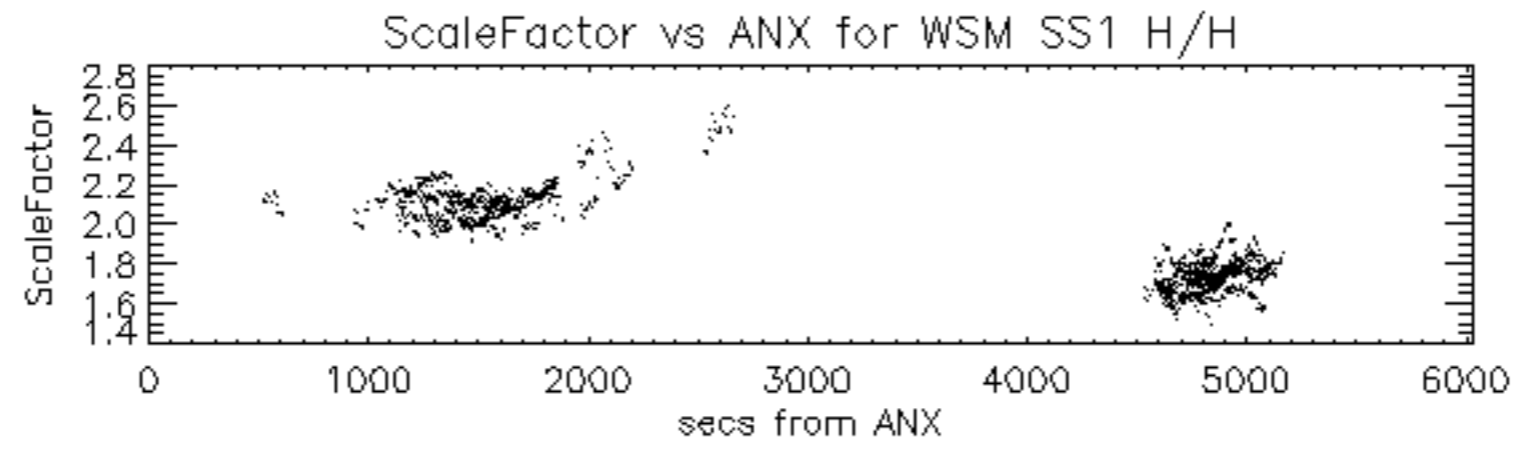


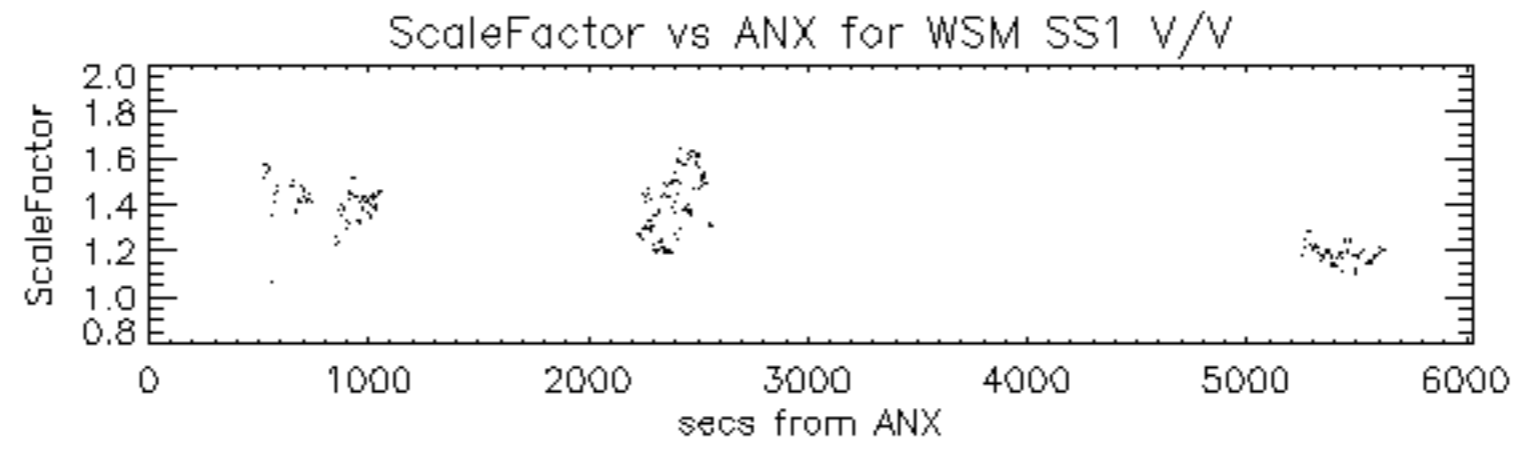


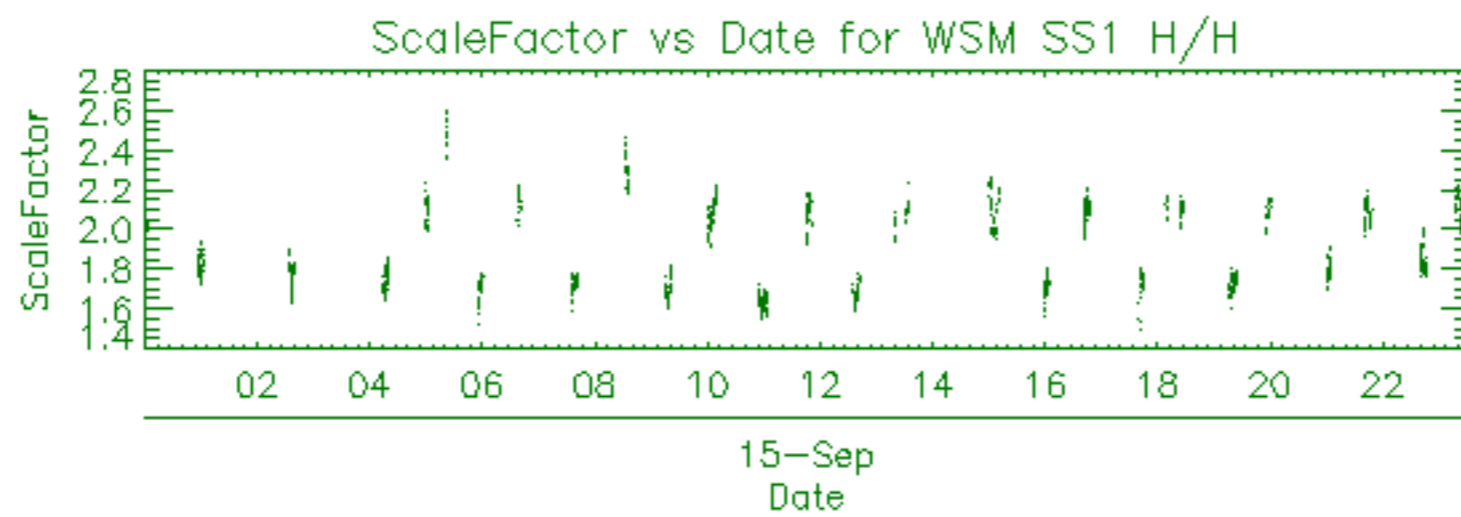
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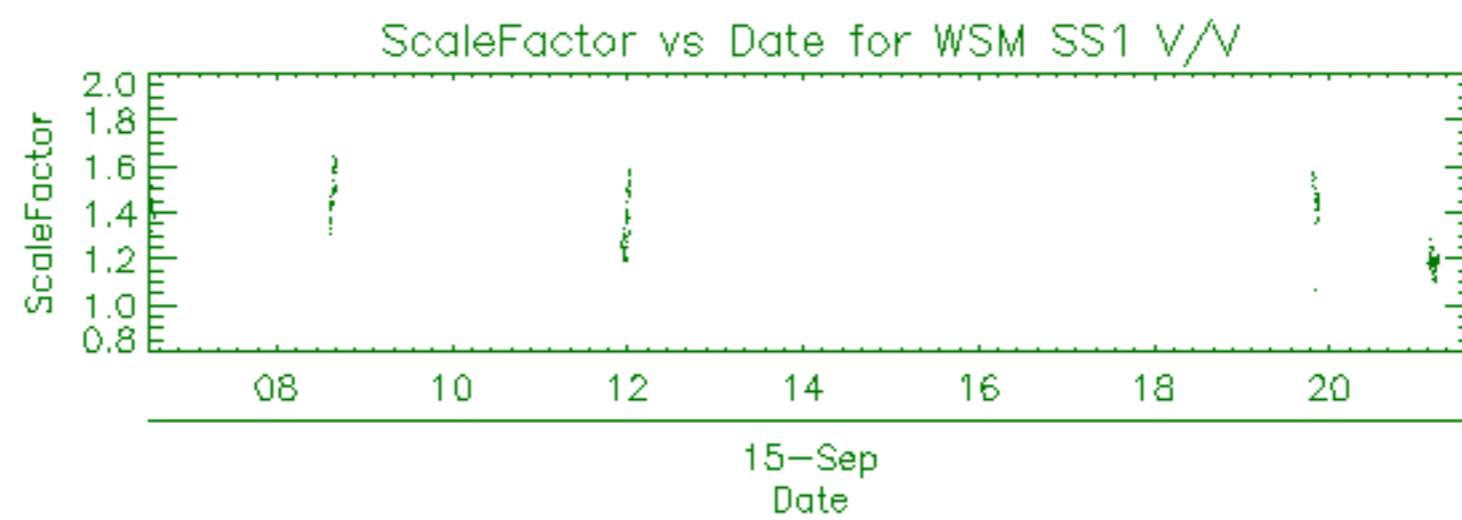
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| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |     |      |
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| Filename   | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion |     |     |       |     |      |
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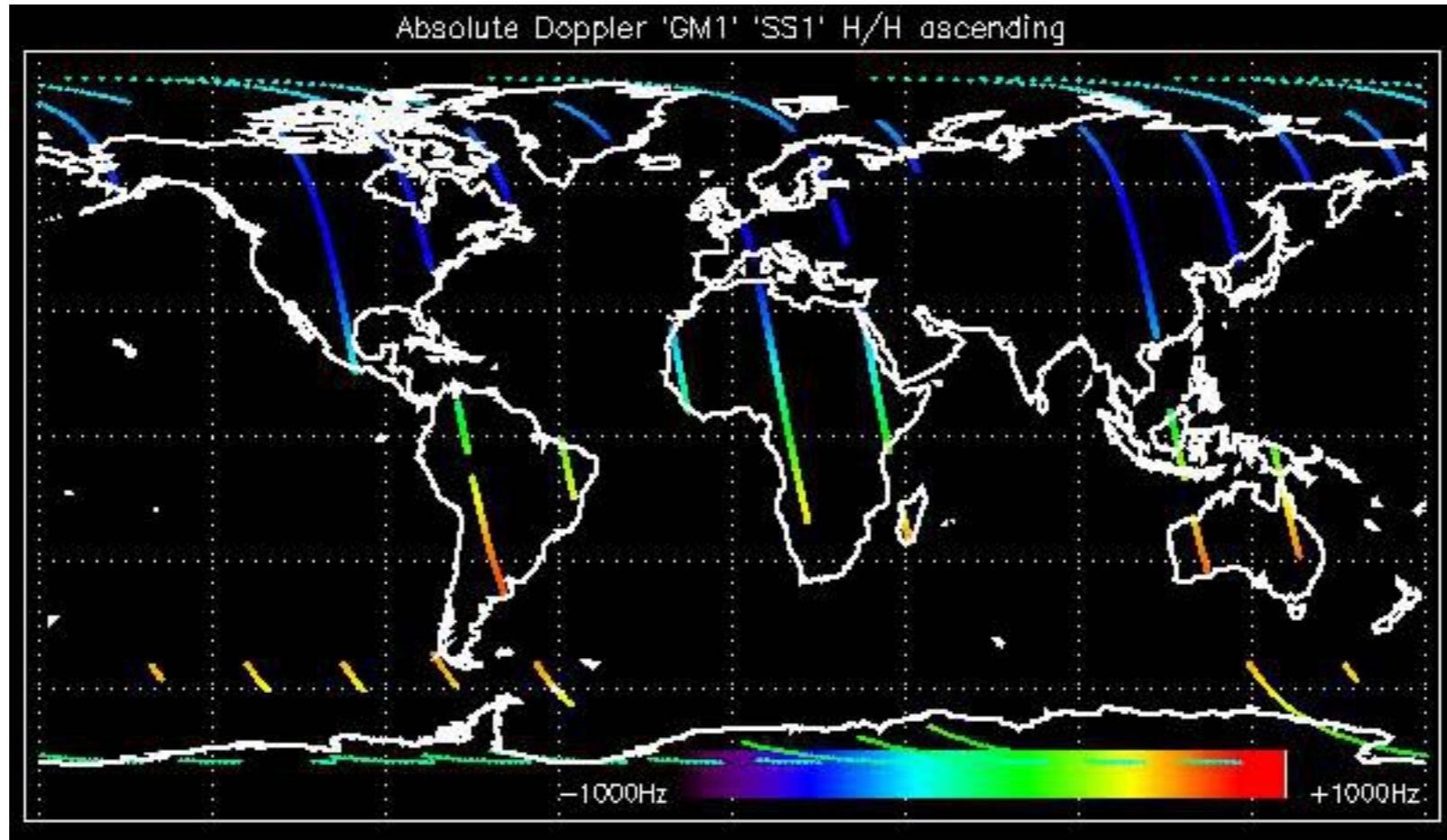
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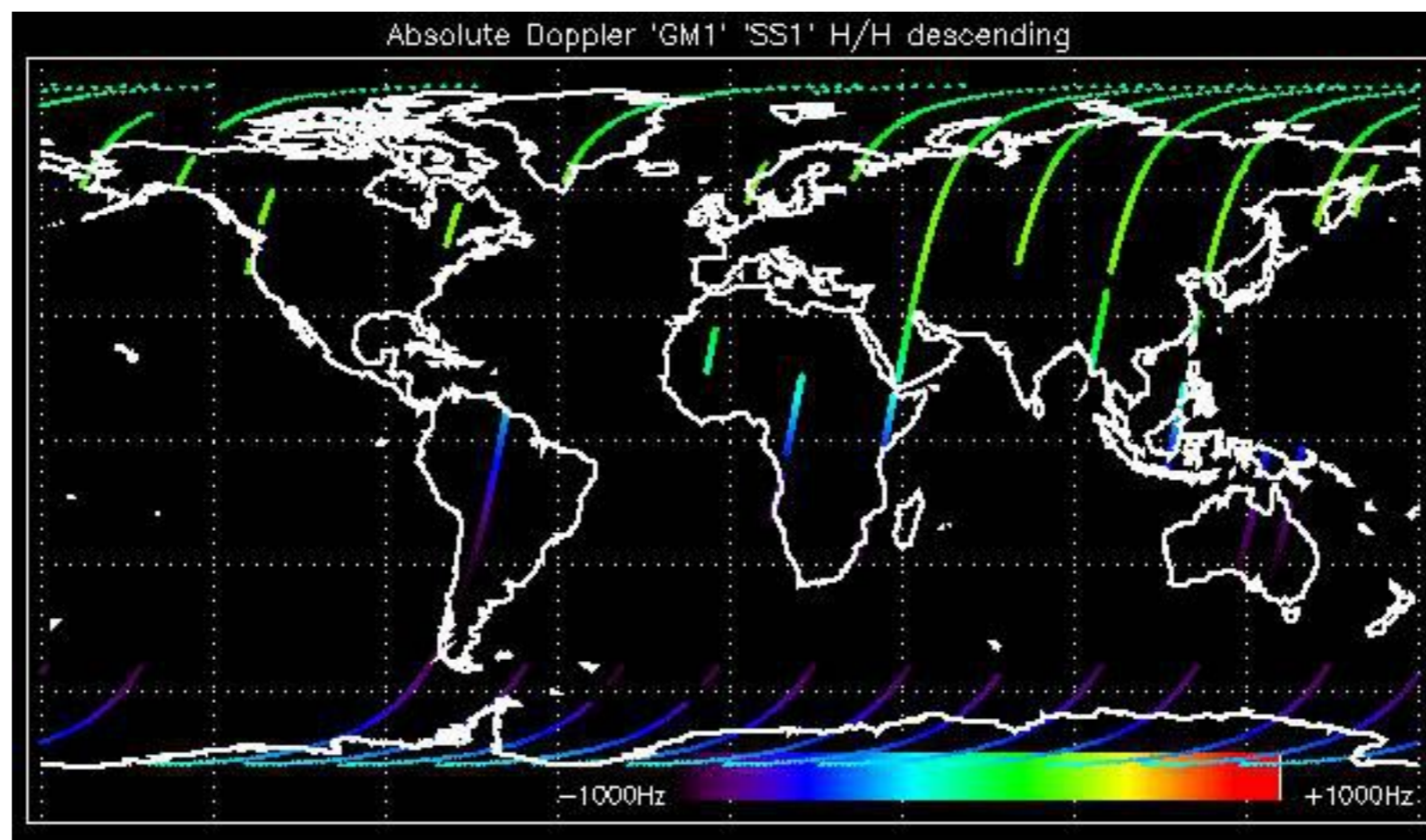
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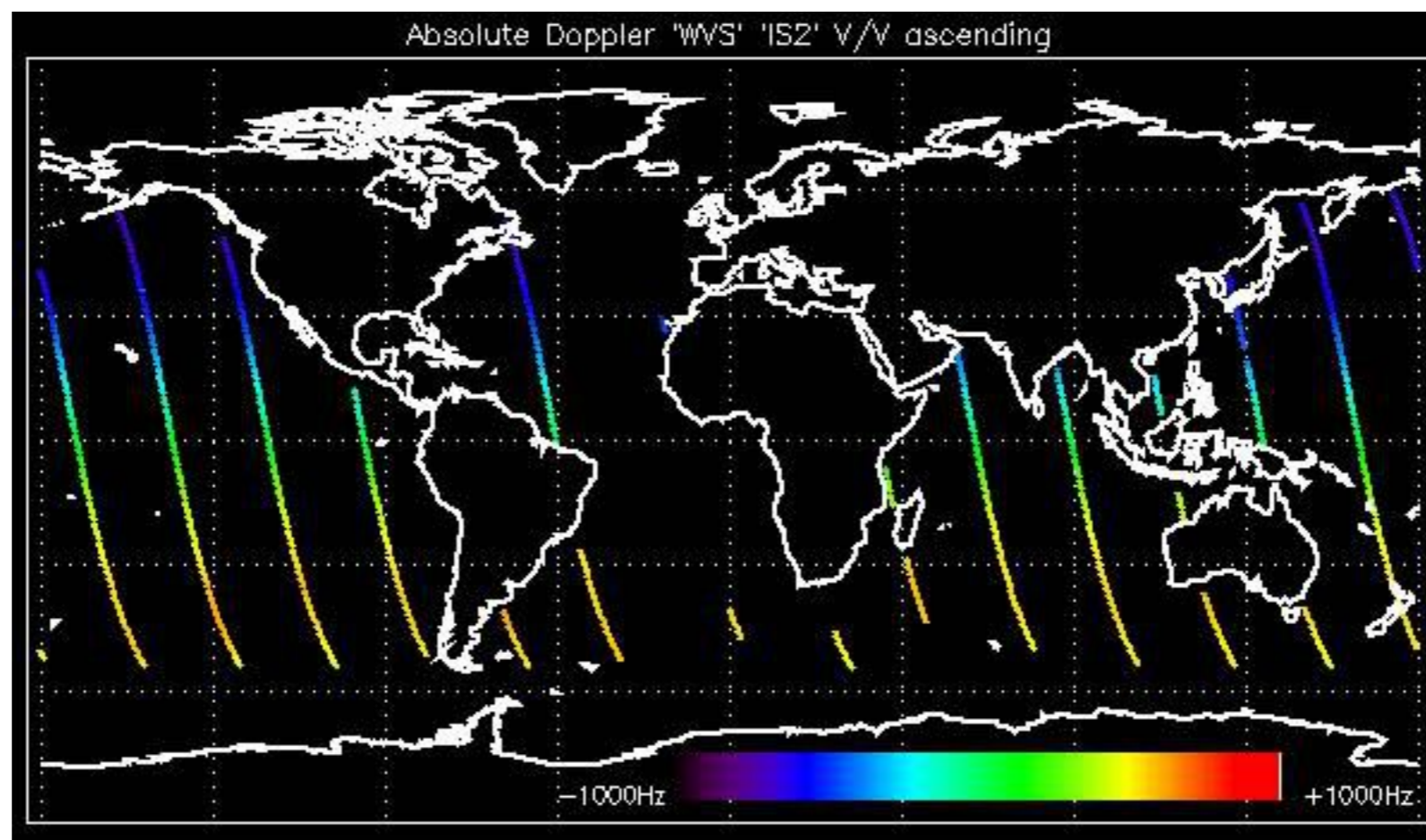
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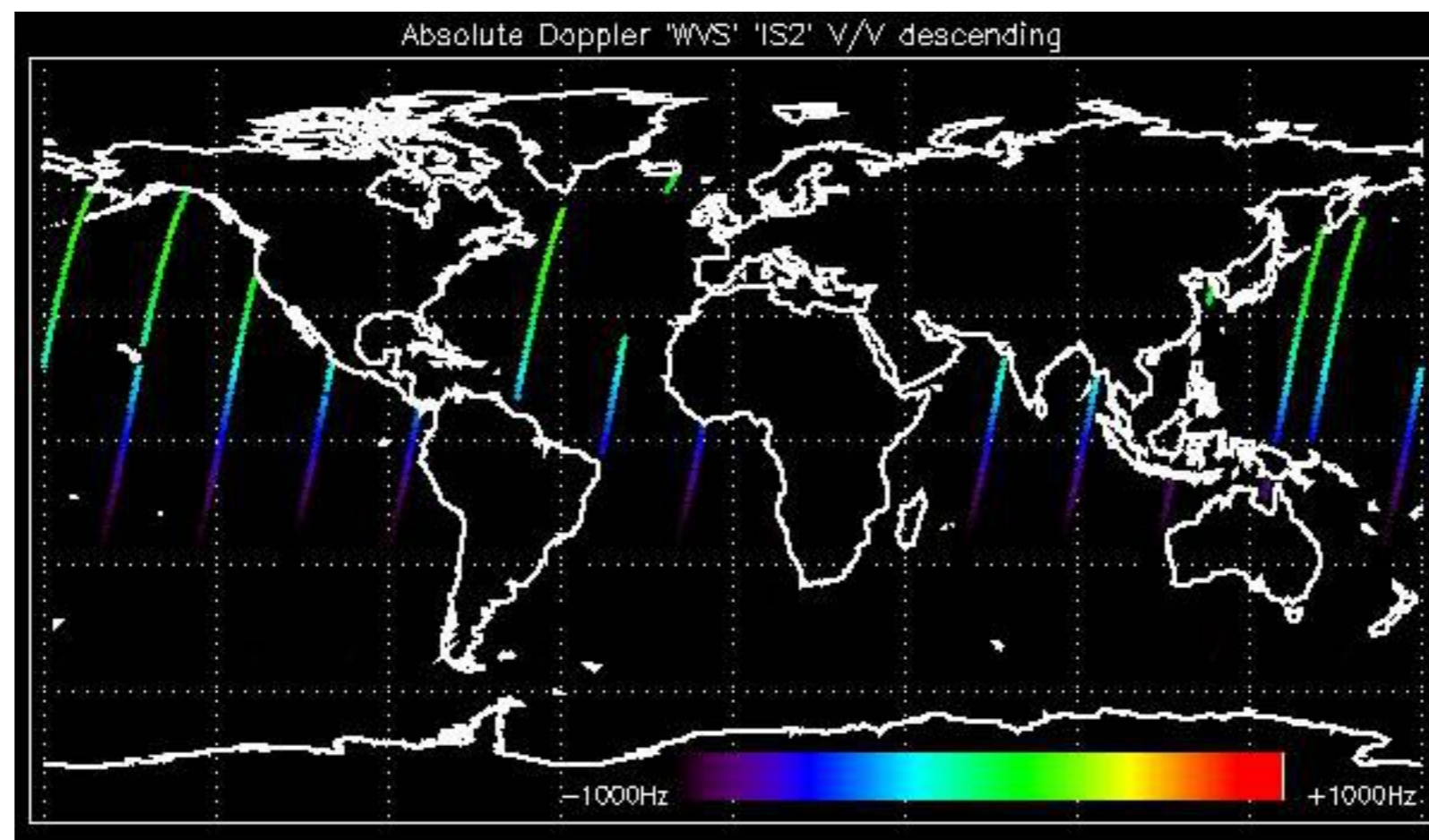
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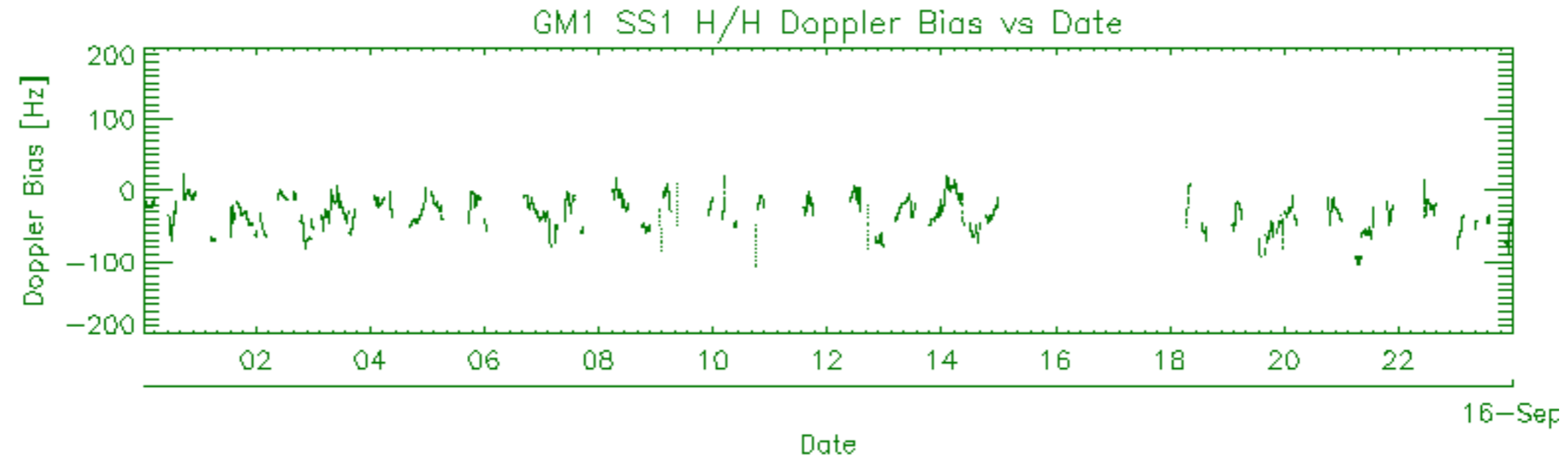
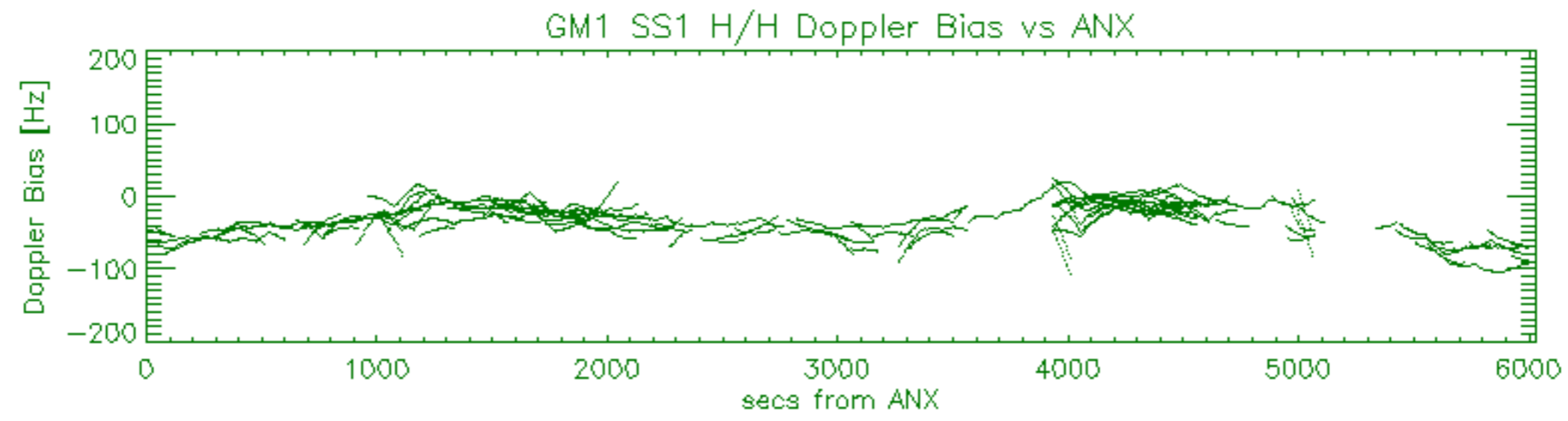
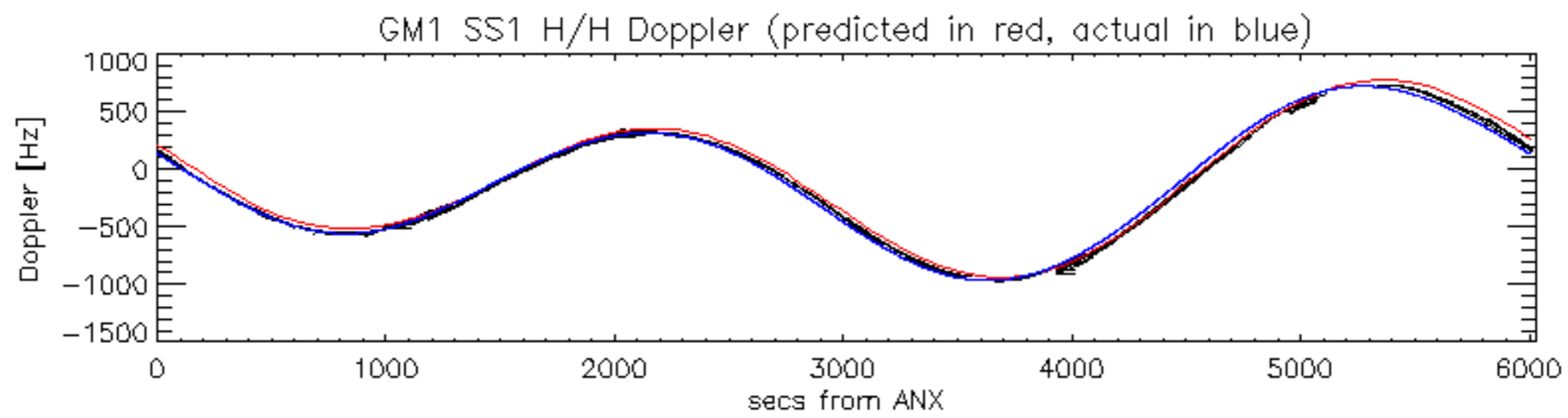


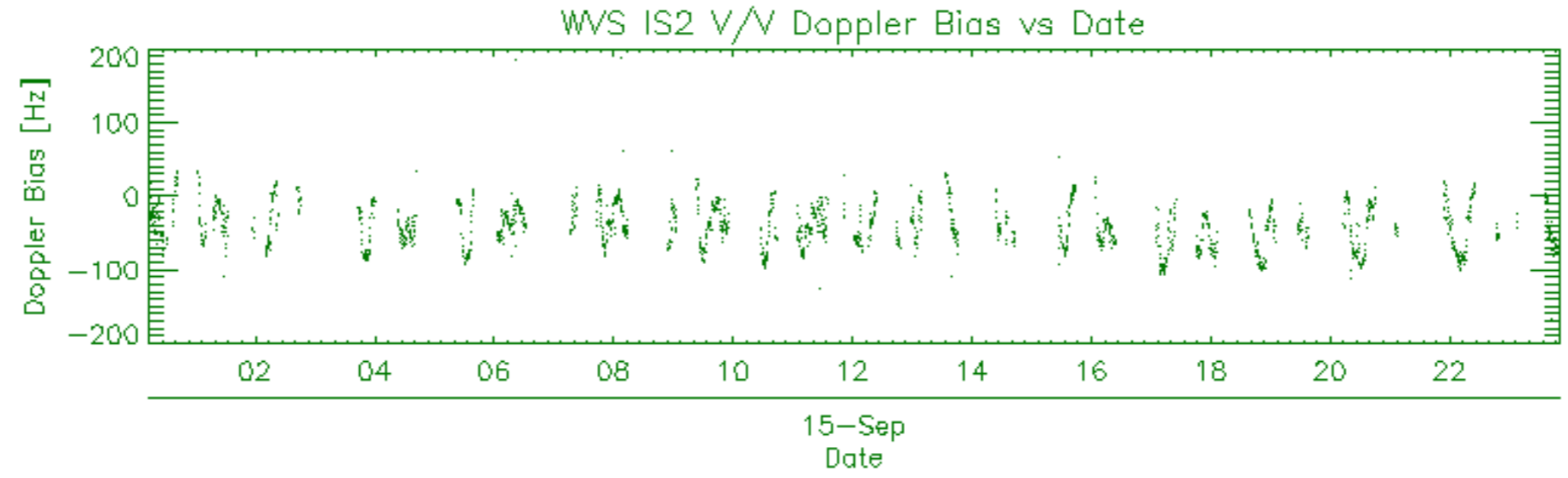
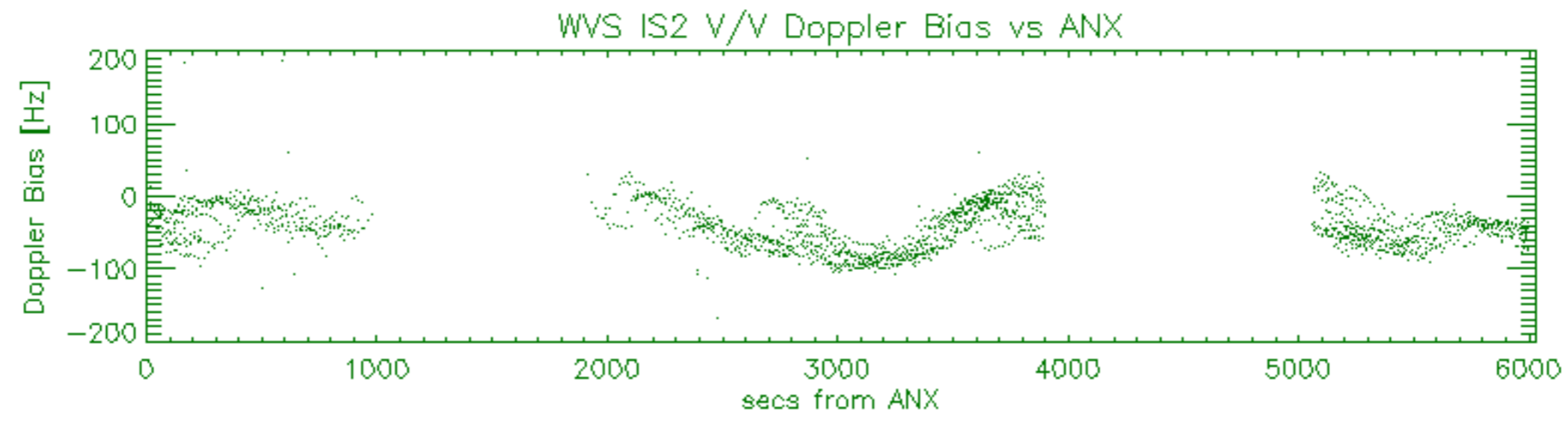
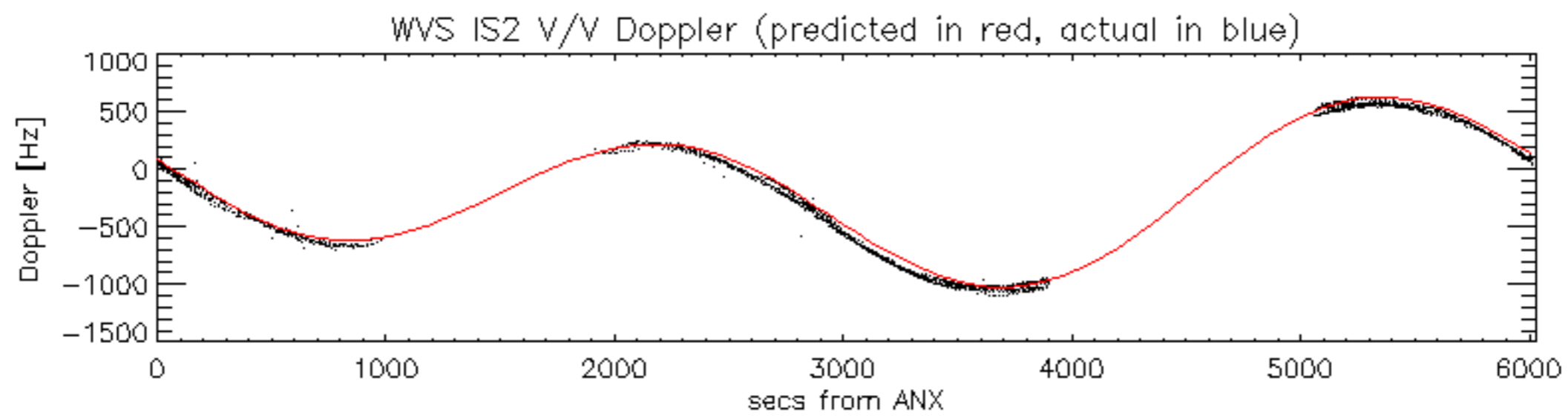


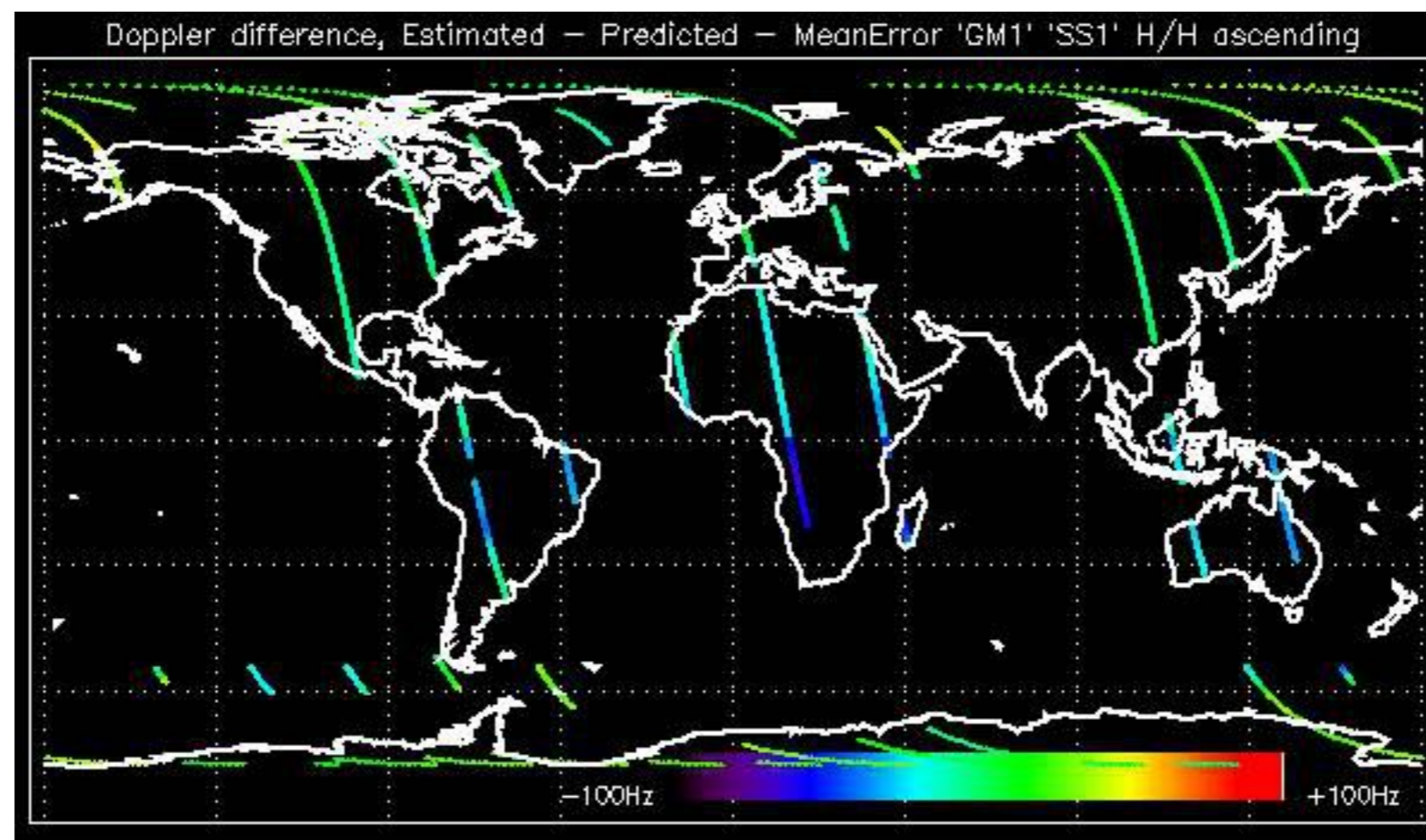


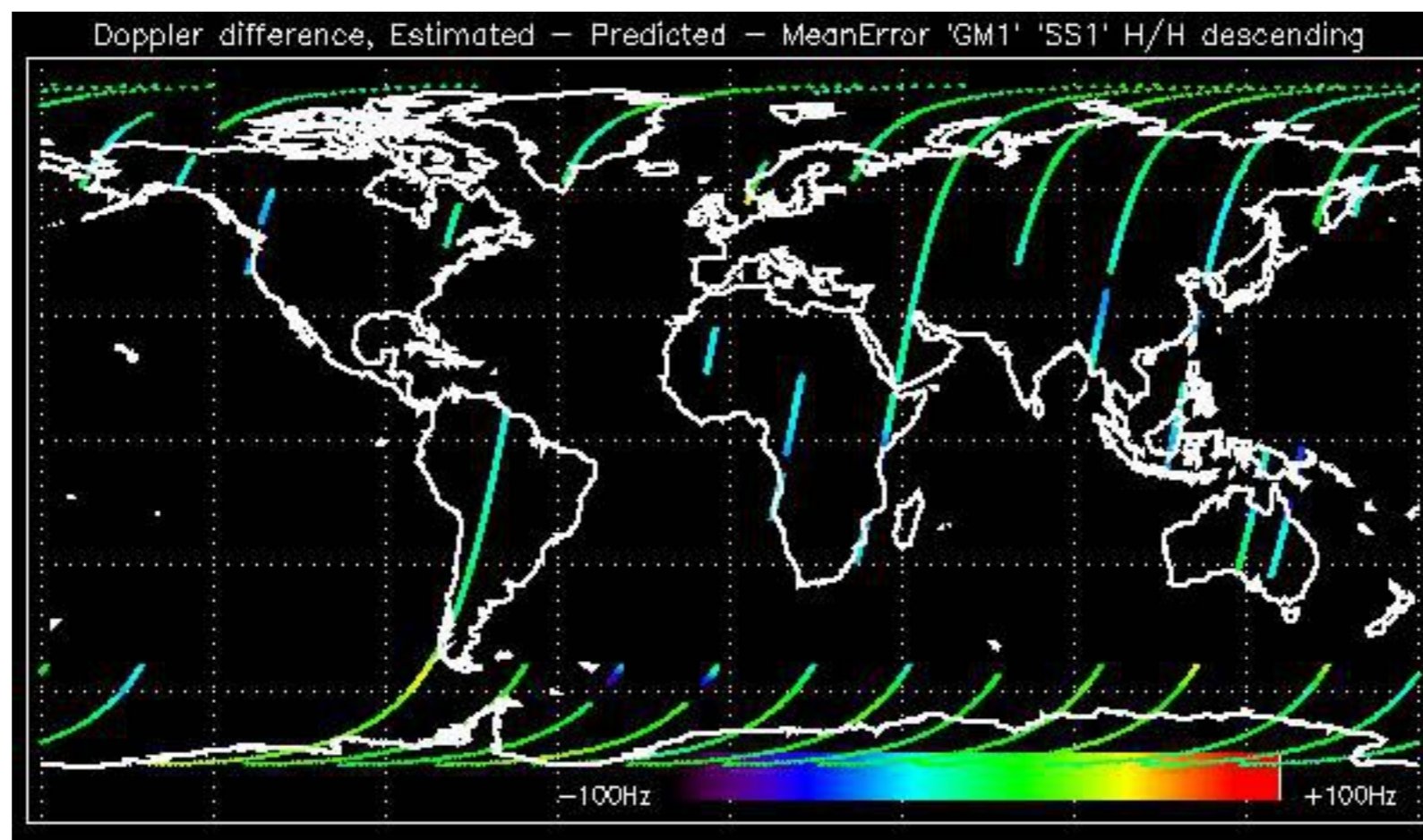




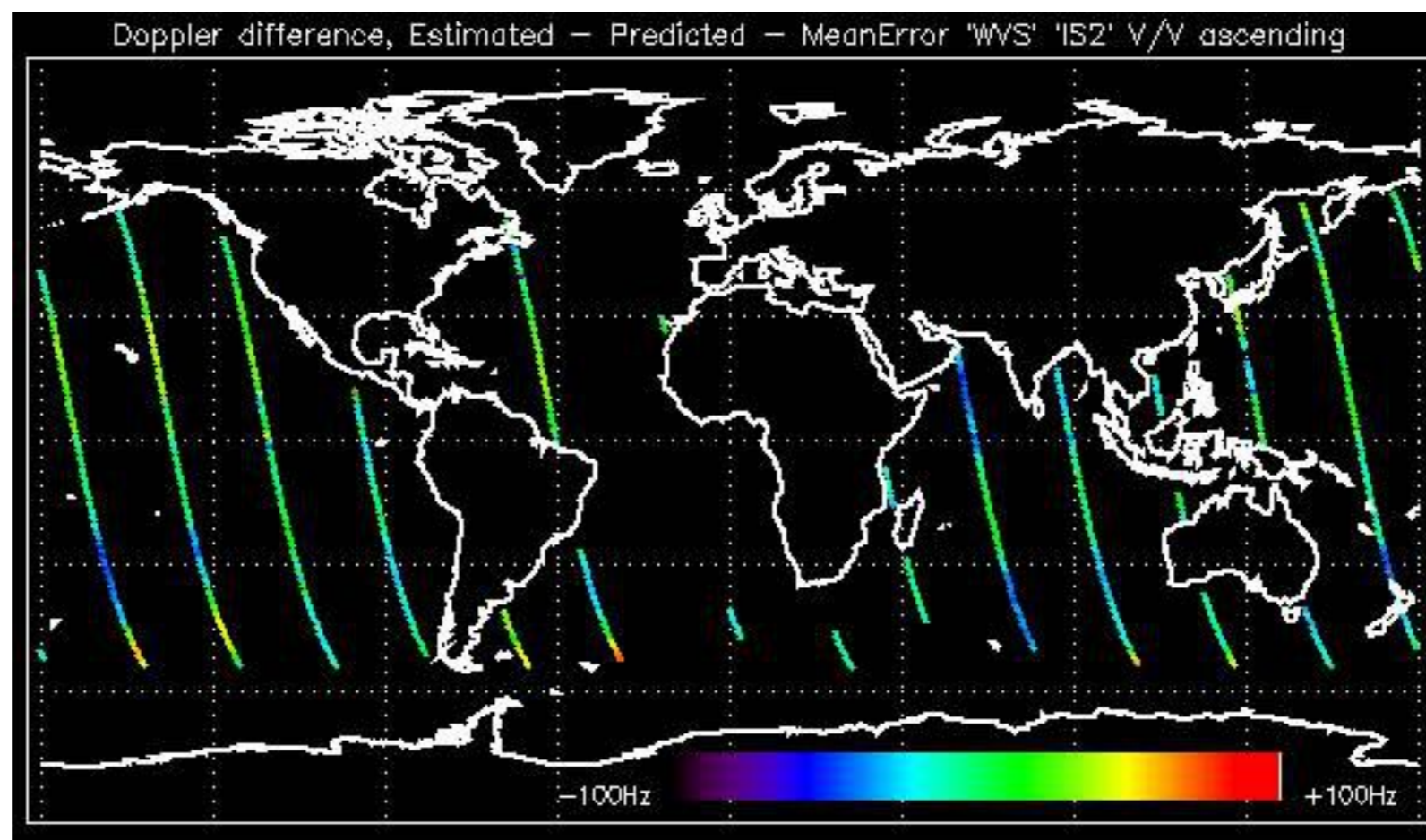


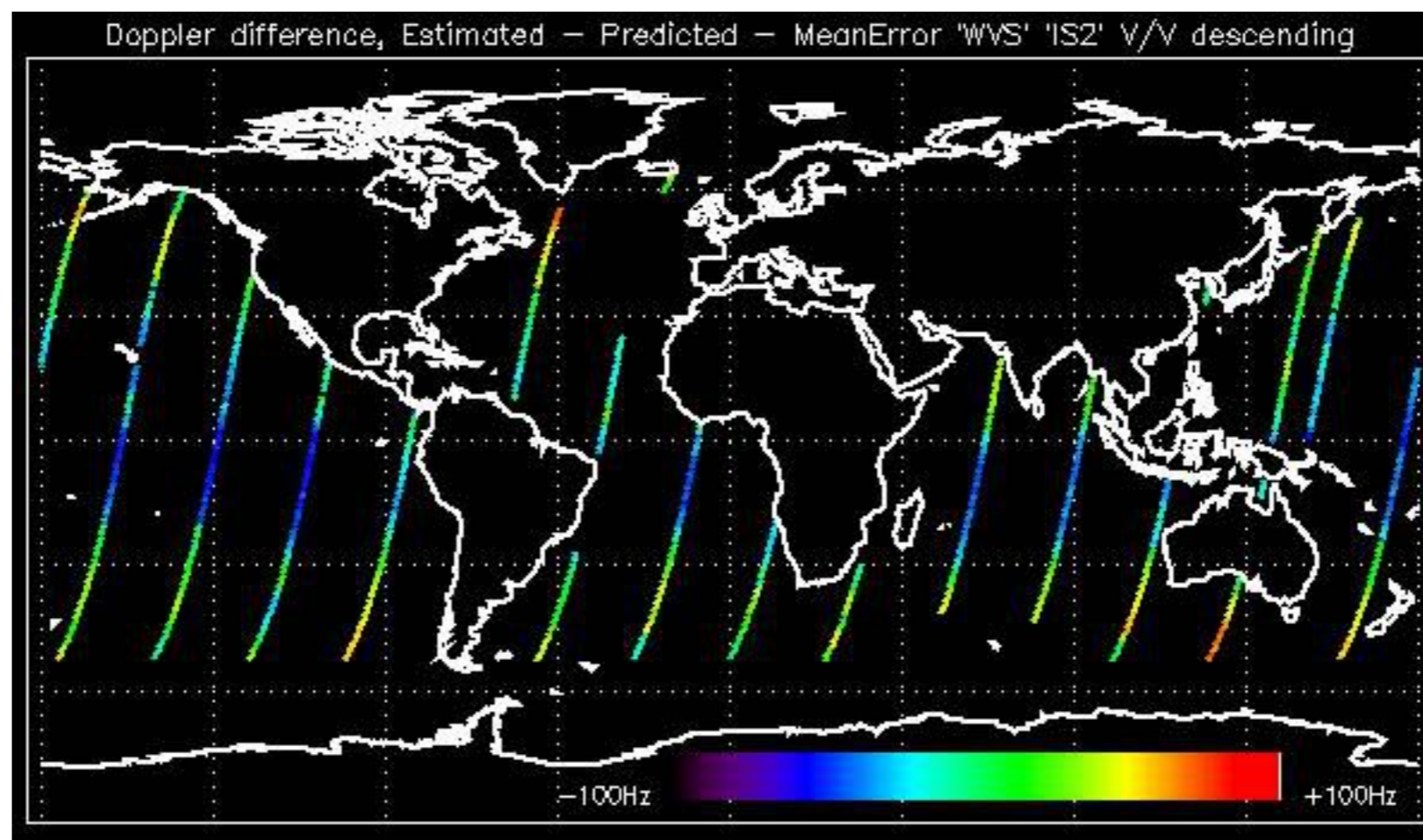


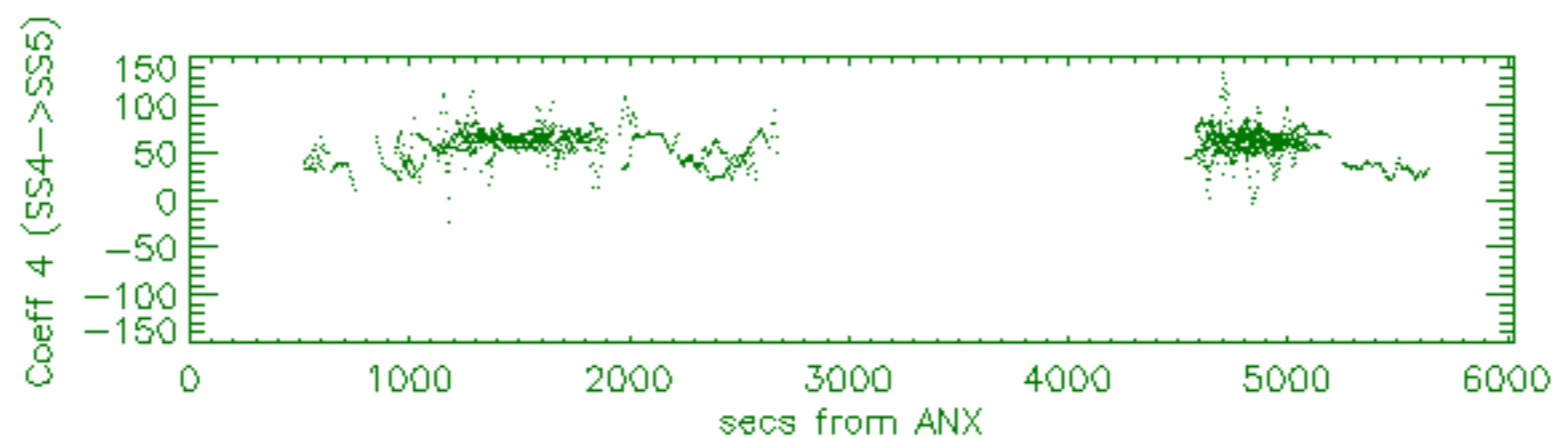
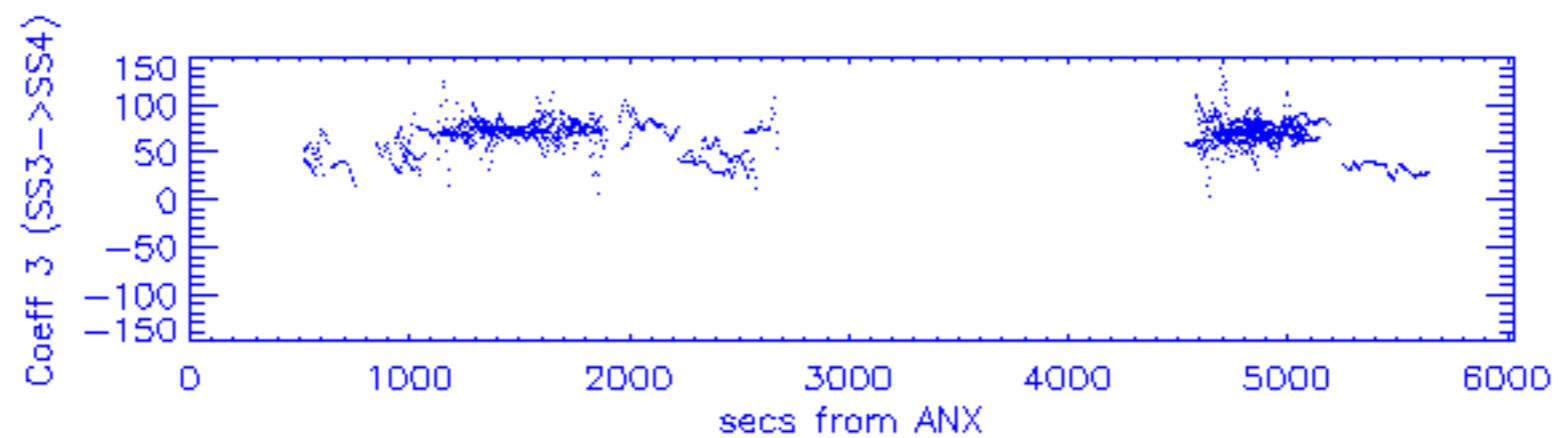
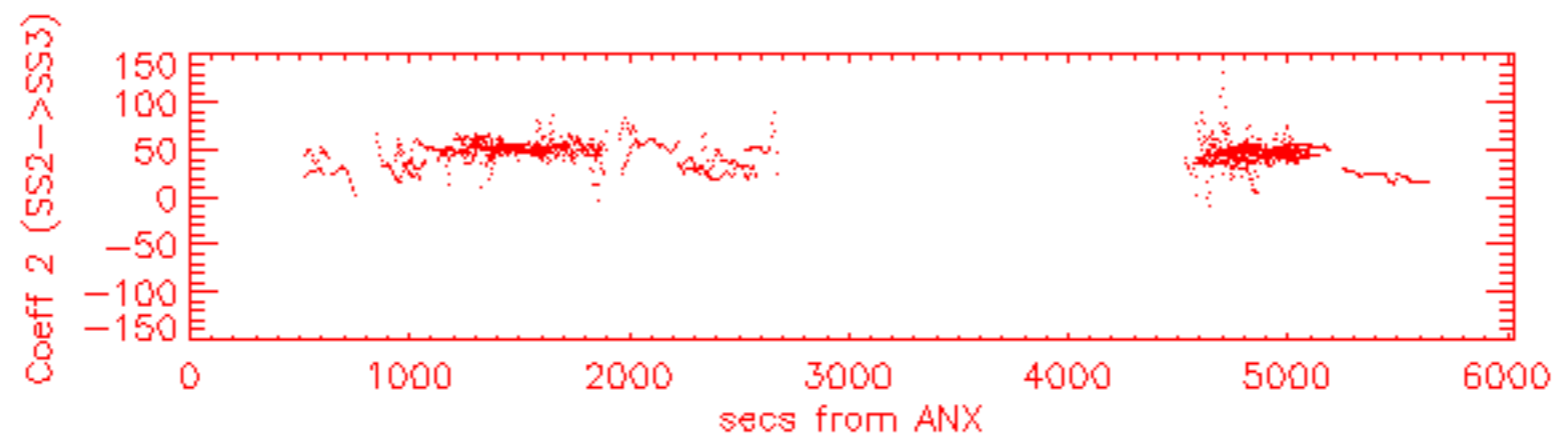
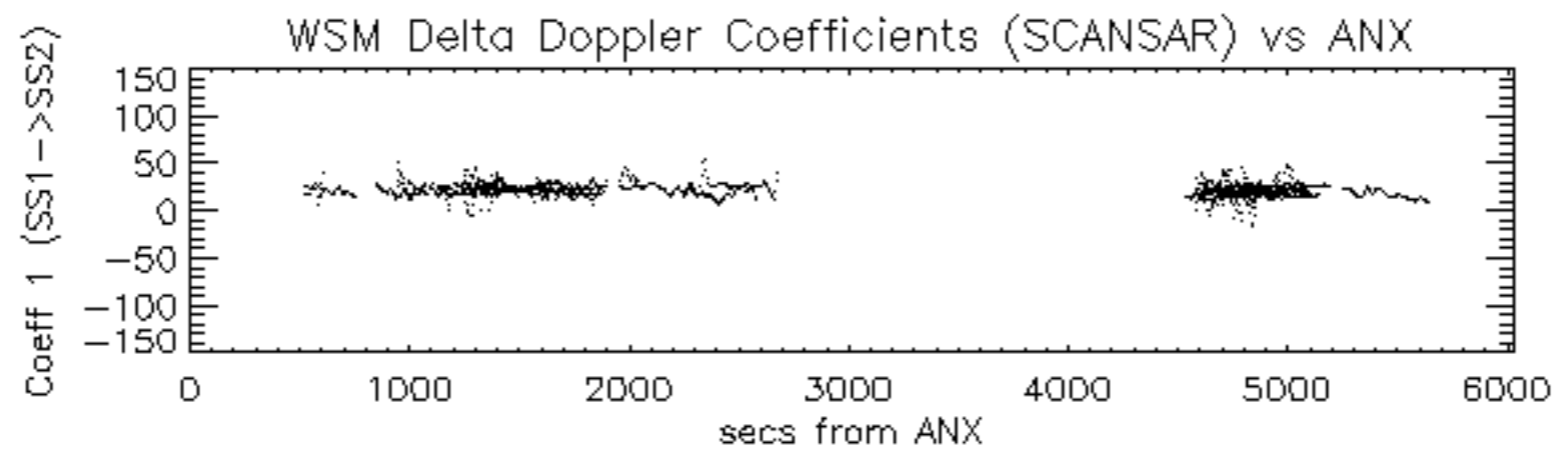


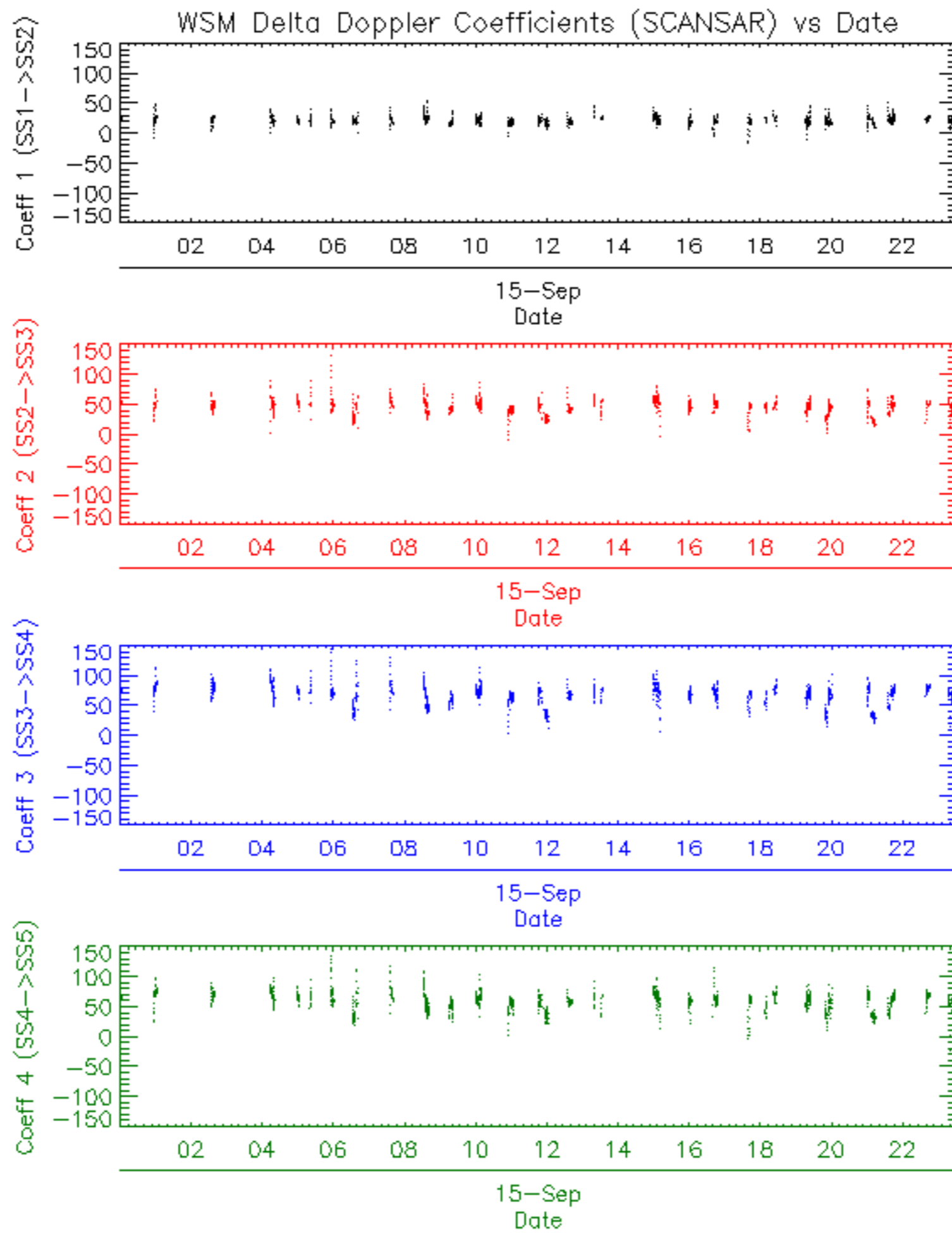




















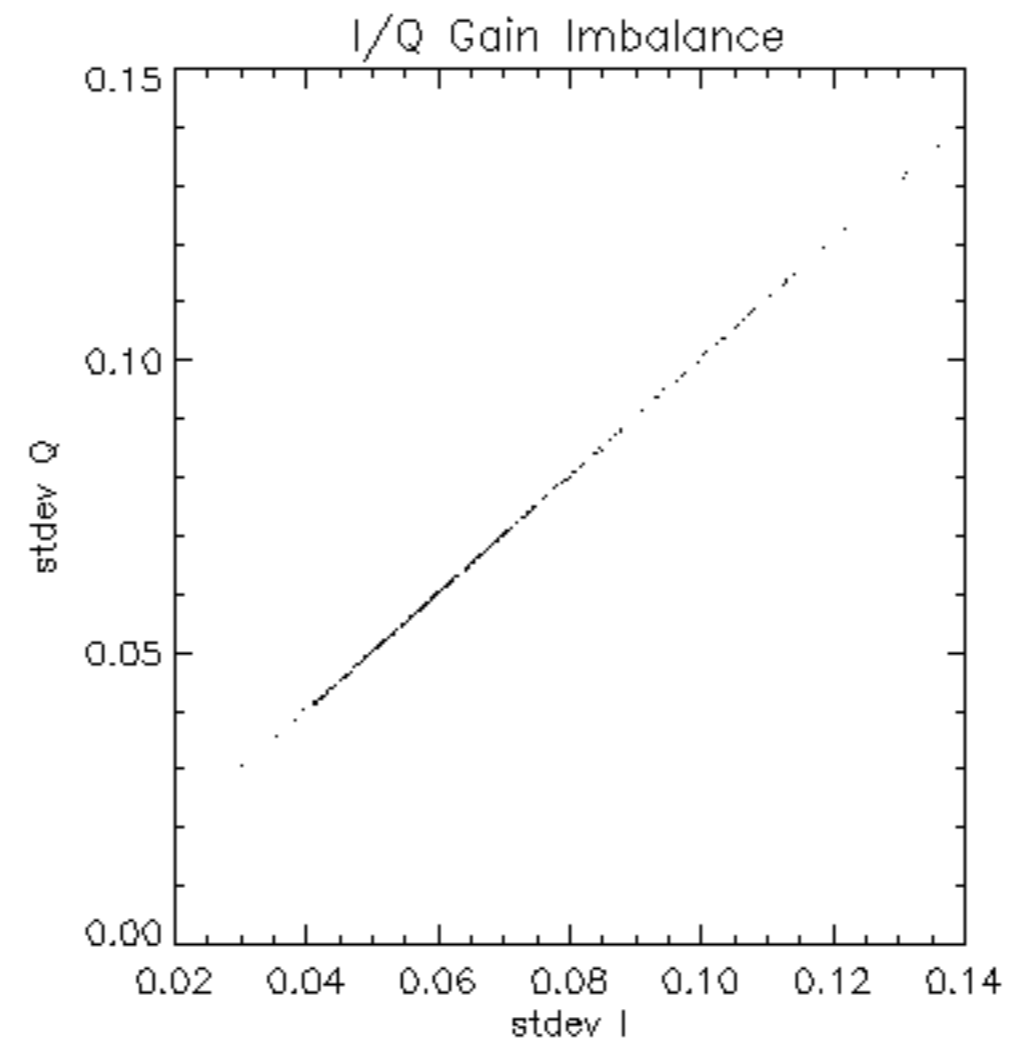


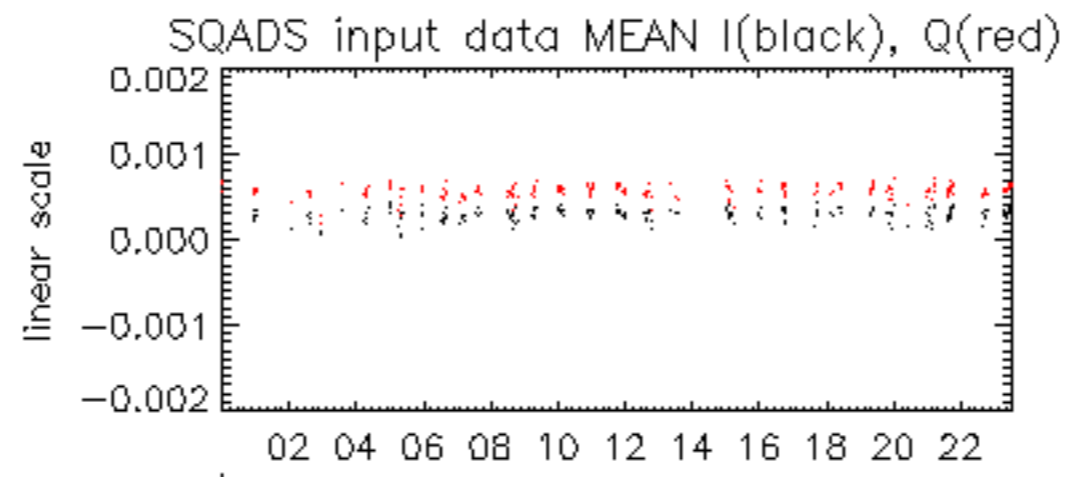




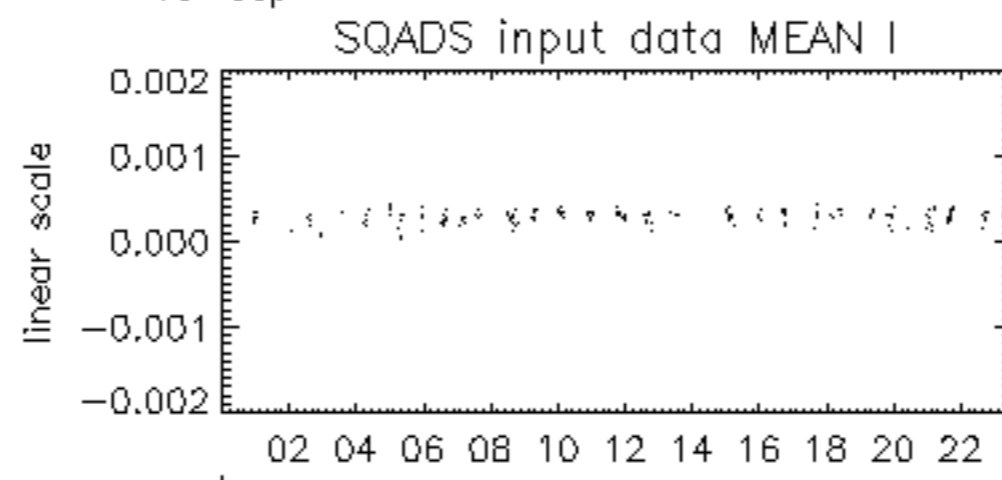




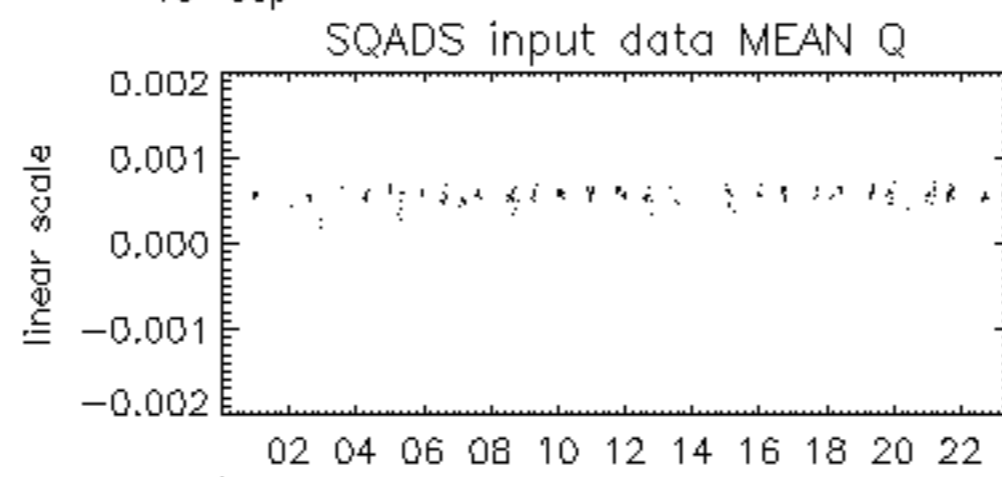




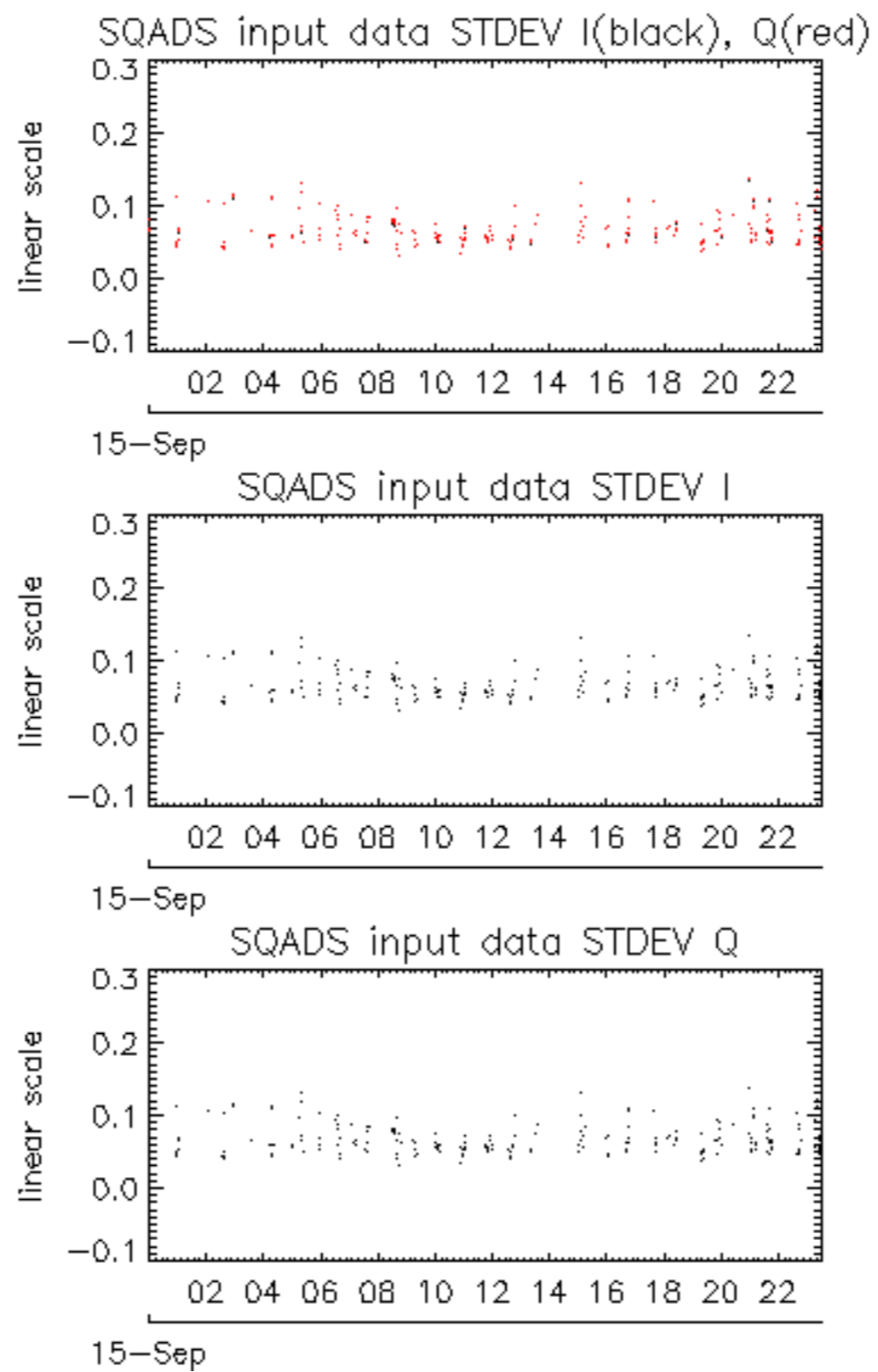
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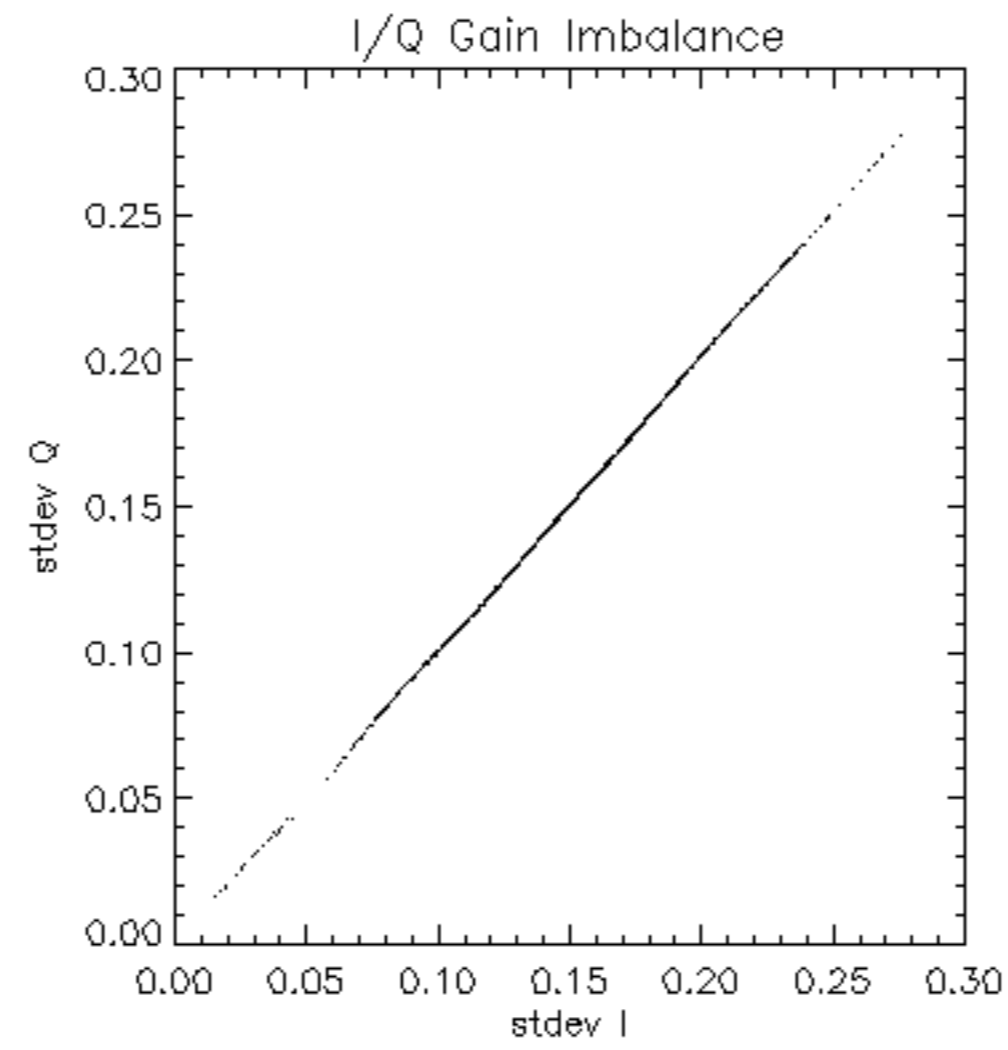


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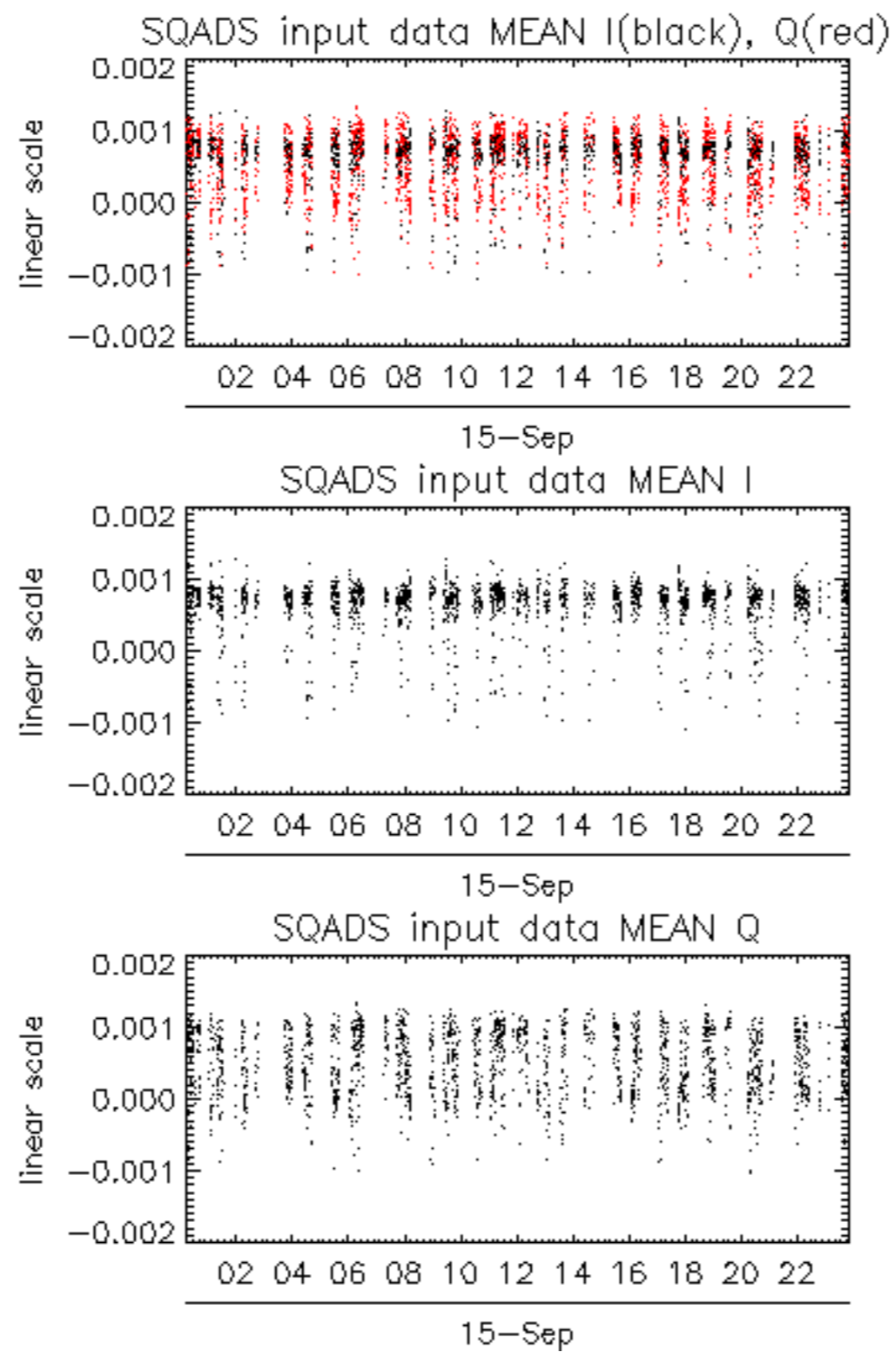


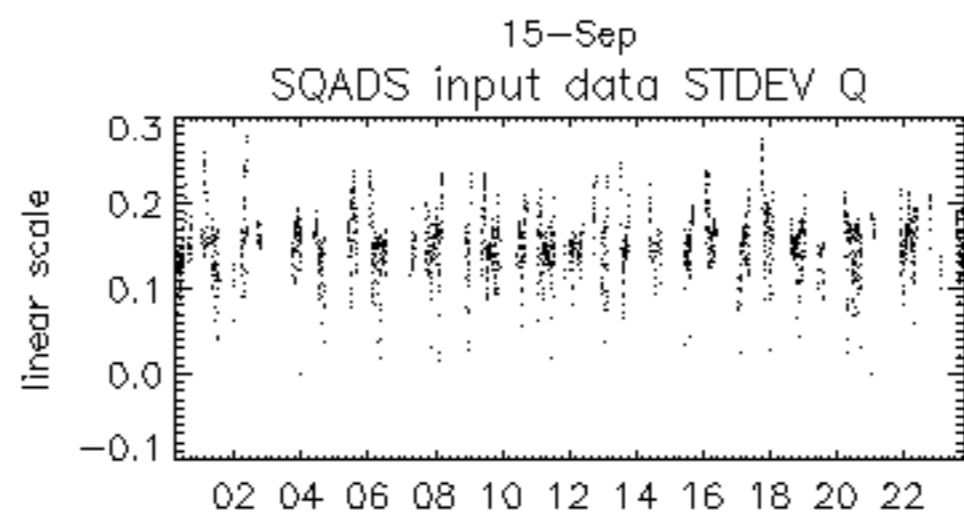
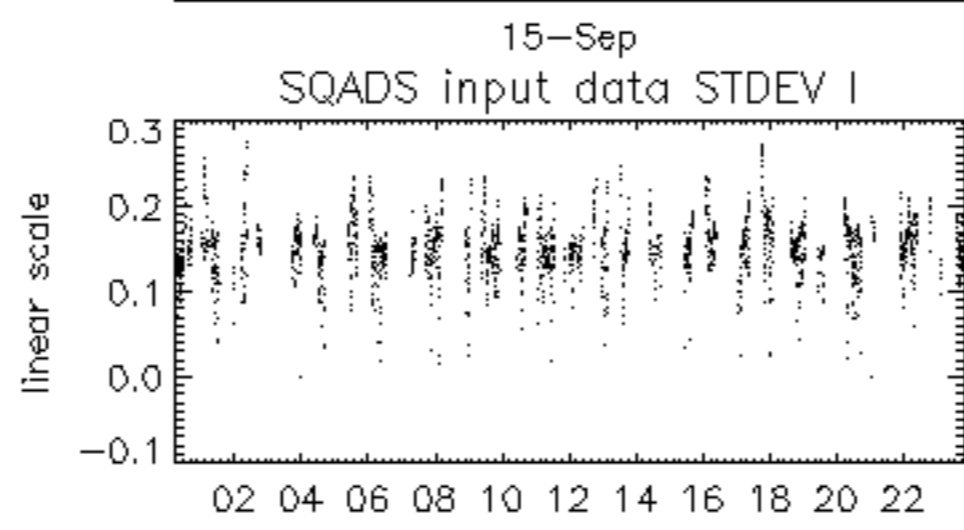
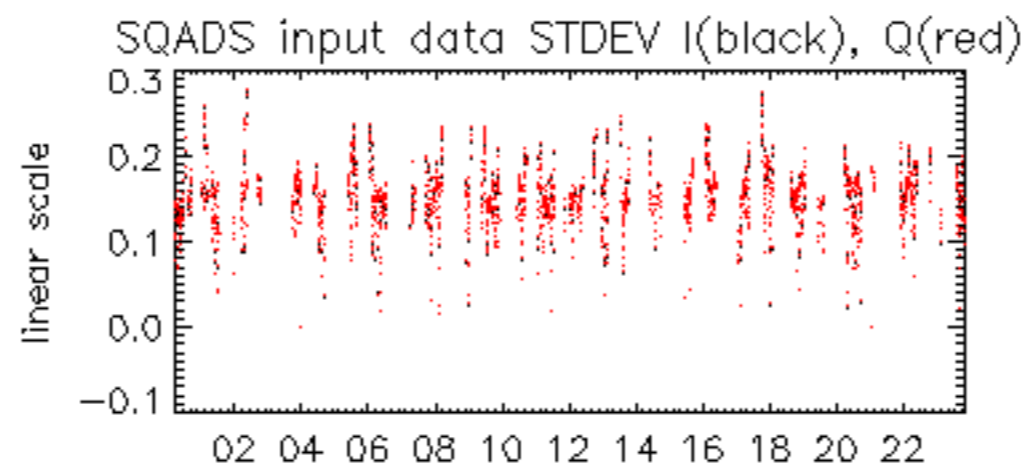
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