



Analysis from 24-JAN-2011 00:00:00 to 24-JAN-2011 23:59:59. Page generated on 25-JAN-2011 07:32:27.  
View log file: ASAR\_Daily\_Report\_20110125\_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	21	PDE	IS4	V/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	26	PDE	2011-01-24 05:21:17	H	320
PDE	IS2	V/V	27	PDK	WS	H/H	46					PDE	IS5	H/H	1	PDE	WS	V/V	8	PDK	2011-01-24 07:01:31	V	320
PDK	IS2	V/V	25									PDE	IS6	H/H	4	PDK	WS	H/H	10				
												PDK	IS6	H/H	1	PDK	WS	V/V	4				

## 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_AXVIEC20101222_141422_20100317_120410_20141231_000000
ASA_INS_AXVIEC20101222_143805_20101022_000000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

### 2.2 - Products with wrong ADFs

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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	18	0	0
GM1	0	23	0	0
APM	0	1	0	0
IMM	0	3	0	0
WSM	0	21	0	0

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

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

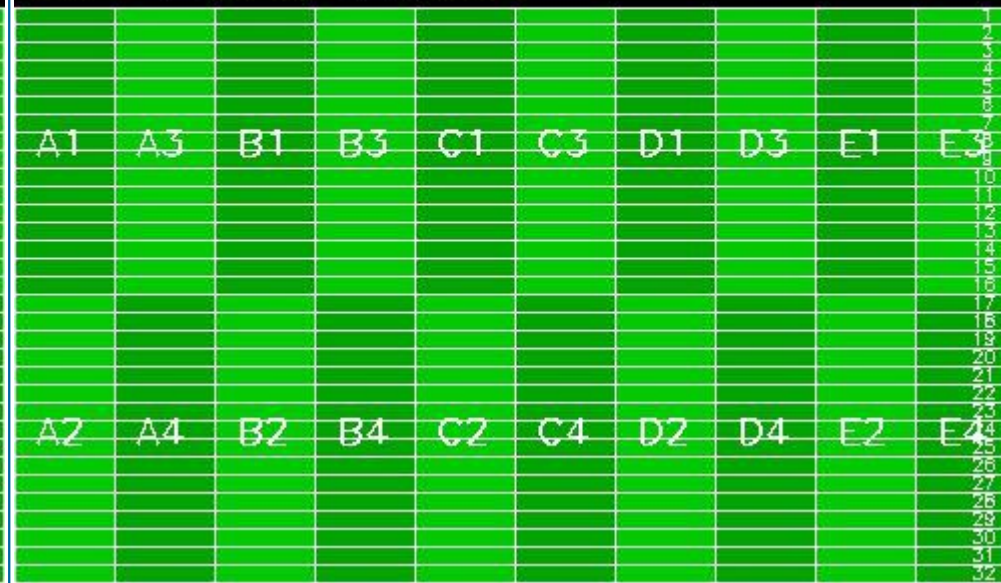
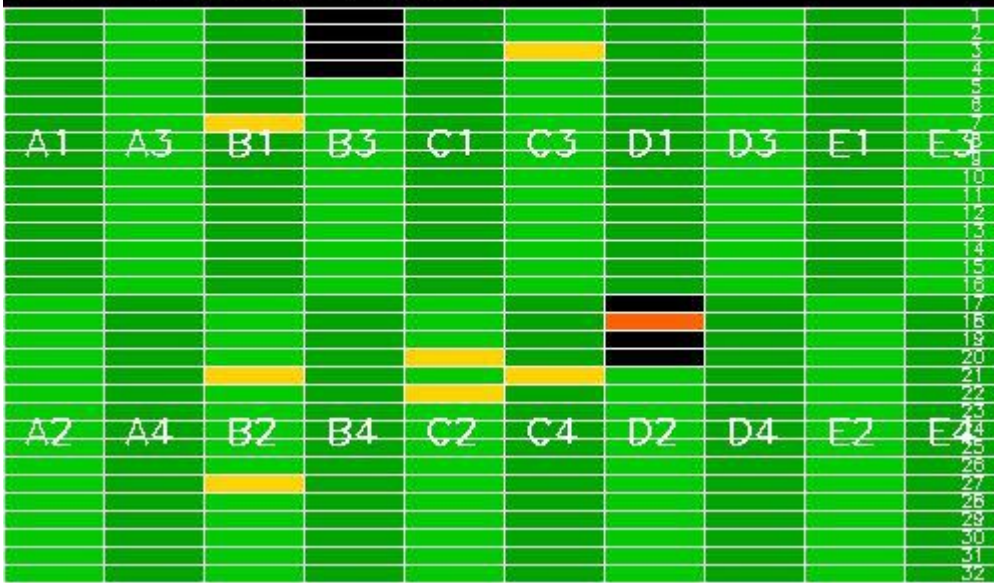
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
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Pre-launch reference (2001-02-09)

Previous product in the same polarisation

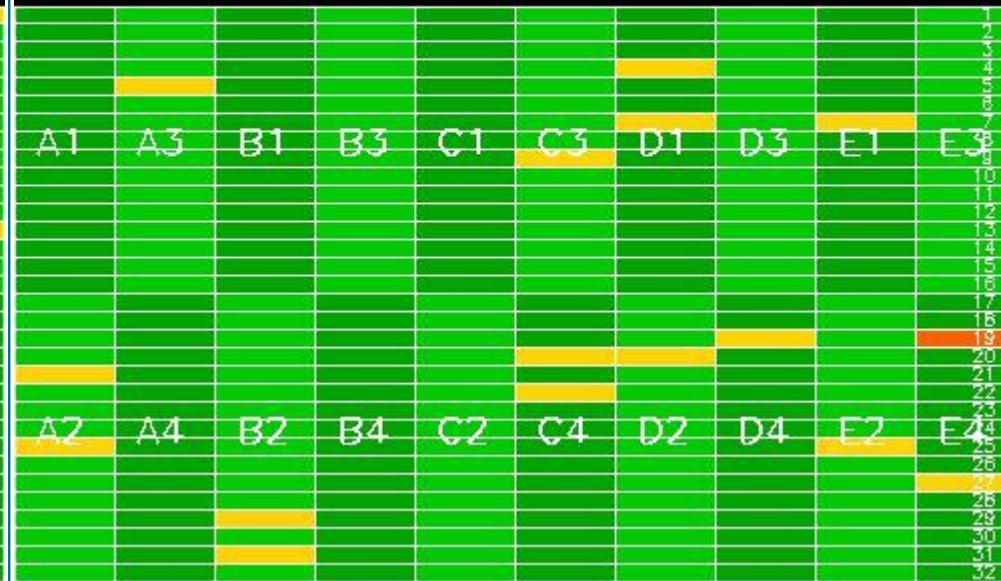
Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2011-01-24 07:01:31 V

Reference: 2011-01-23 07:38:14 V RxGain  
 Test : 2011-01-24 07:01:31 V

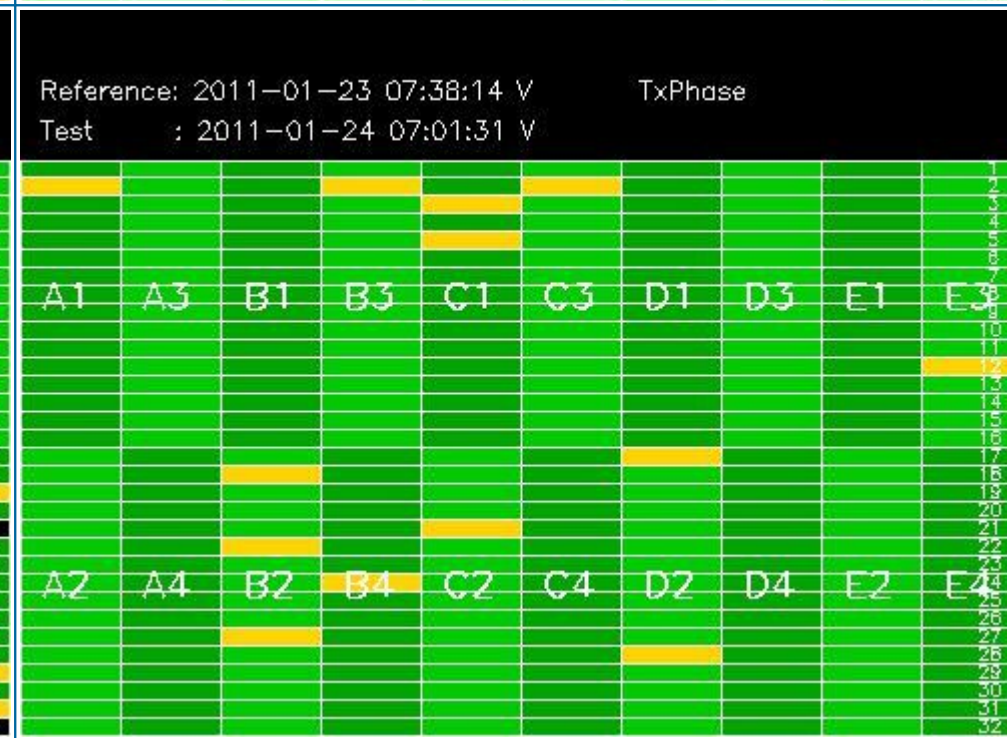
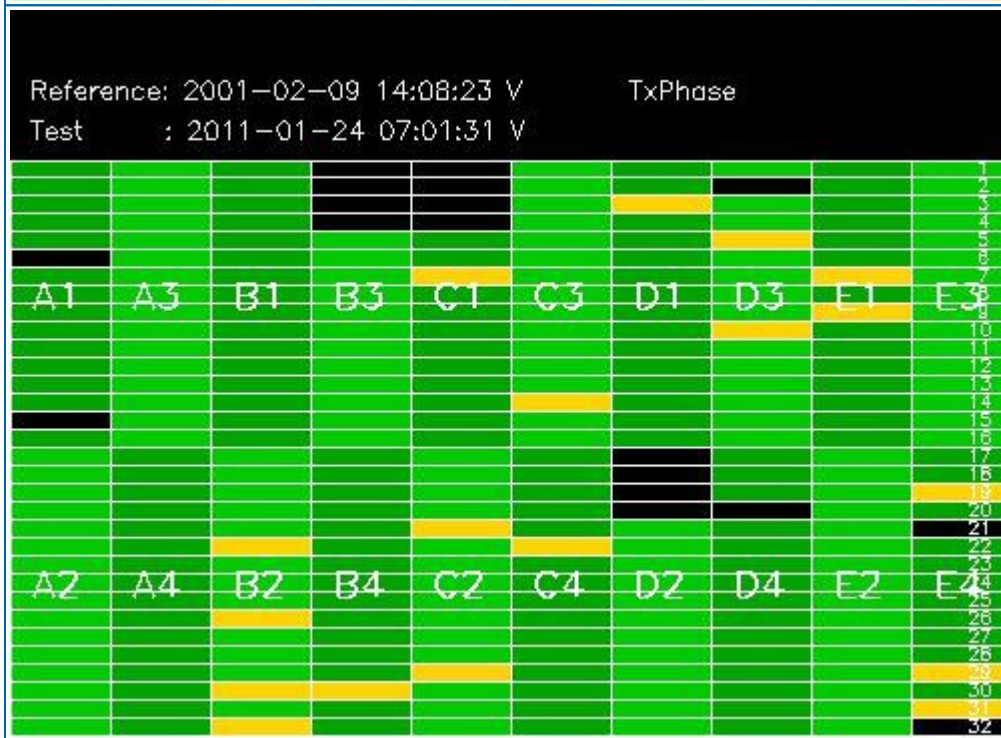
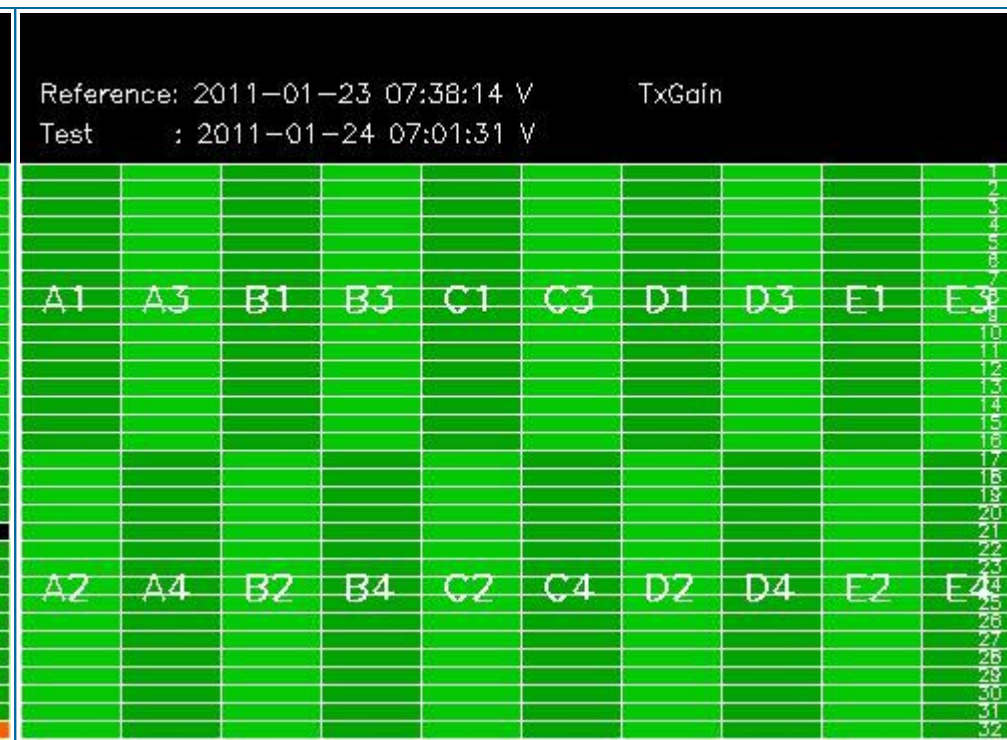
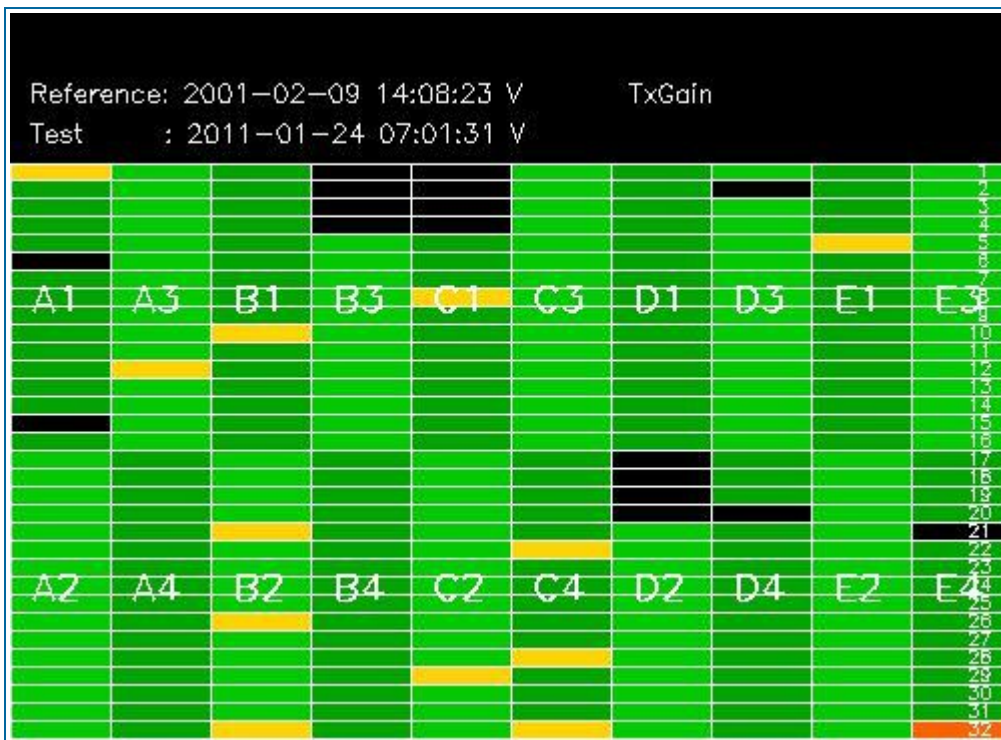


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2011-01-24 07:01:31 V

Reference: 2011-01-23 07:38:14 V RxPhase  
 Test : 2011-01-24 07:01:31 V





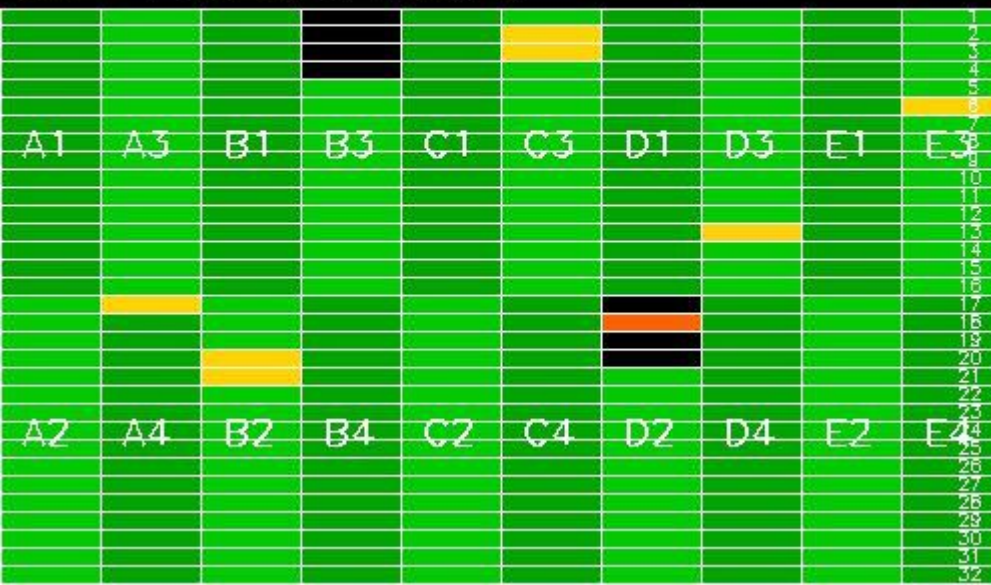


### 3.2 - H/H polarisation

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

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-01-24 05:21:17 H



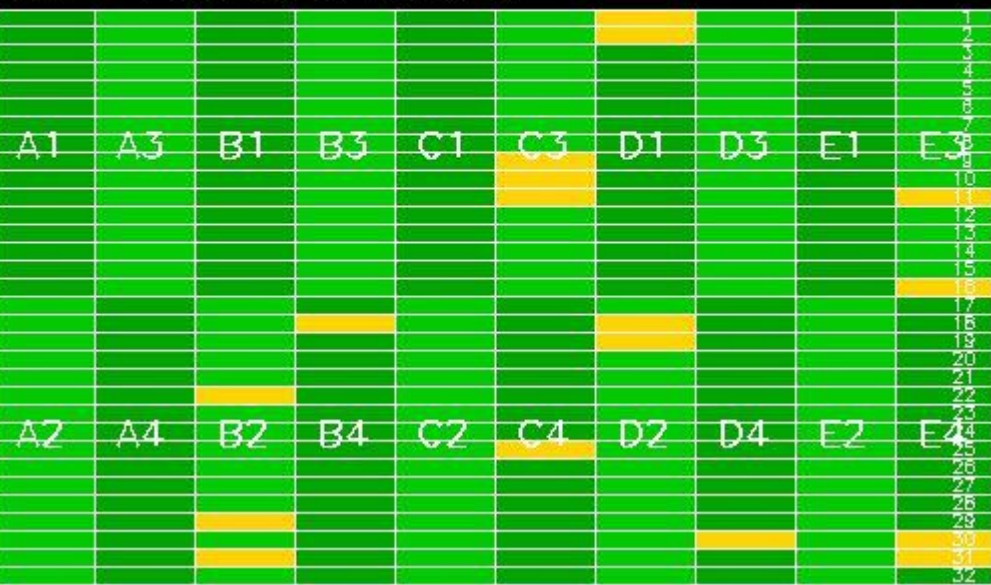
Reference: 2011-01-23 05:58:00 H RxGain  
 Test : 2011-01-24 05:21:17 H



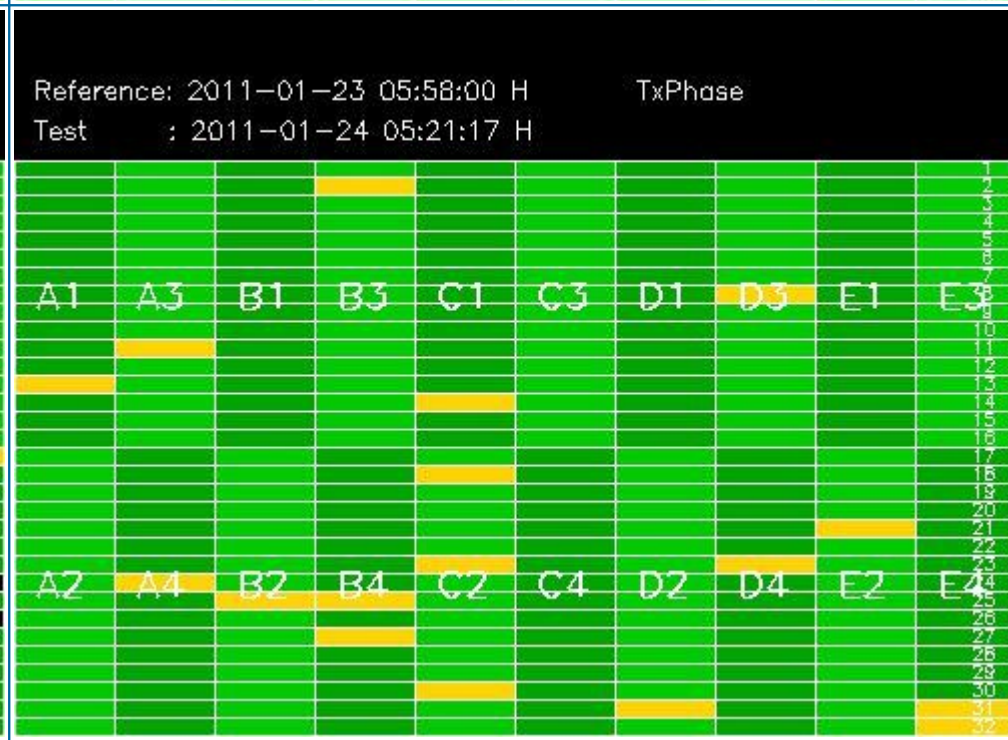
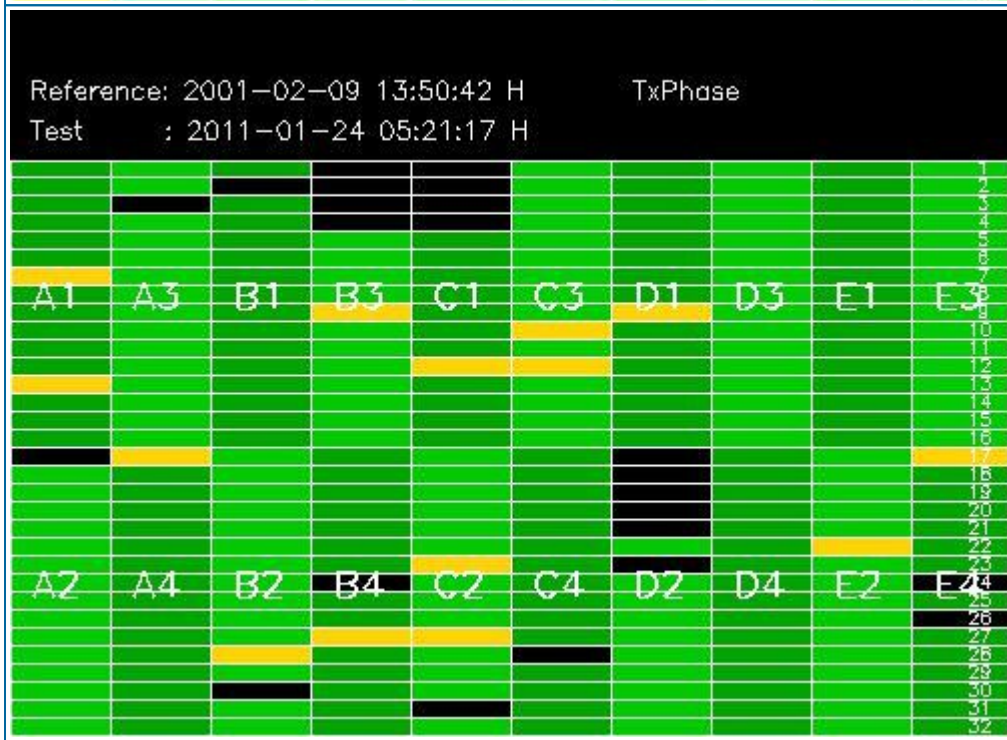
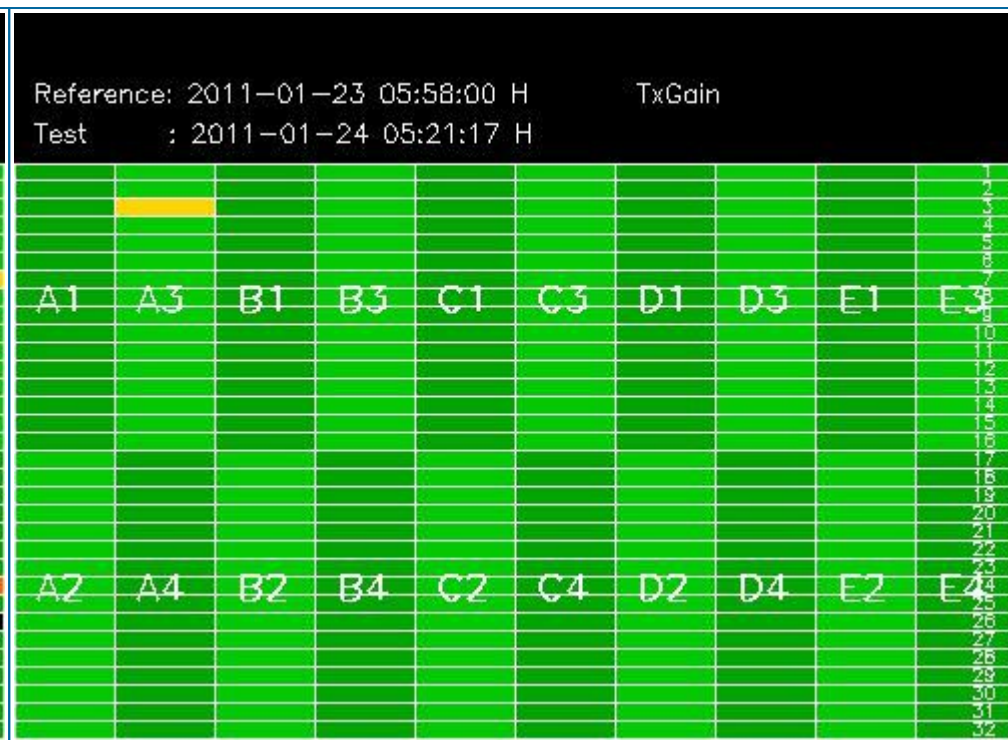
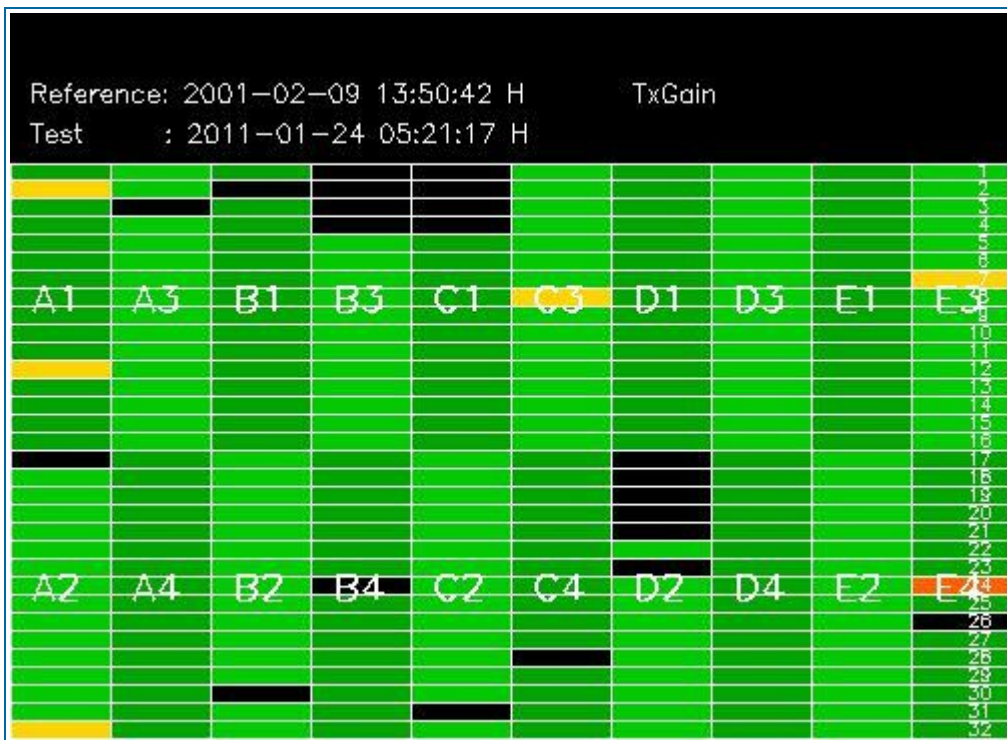
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-01-24 05:21:17 H



Reference: 2011-01-23 05:58:00 H RxPhase  
 Test : 2011-01-24 05:21:17 H







#### 4 - CALIBRATION PULSES ANALYSIS

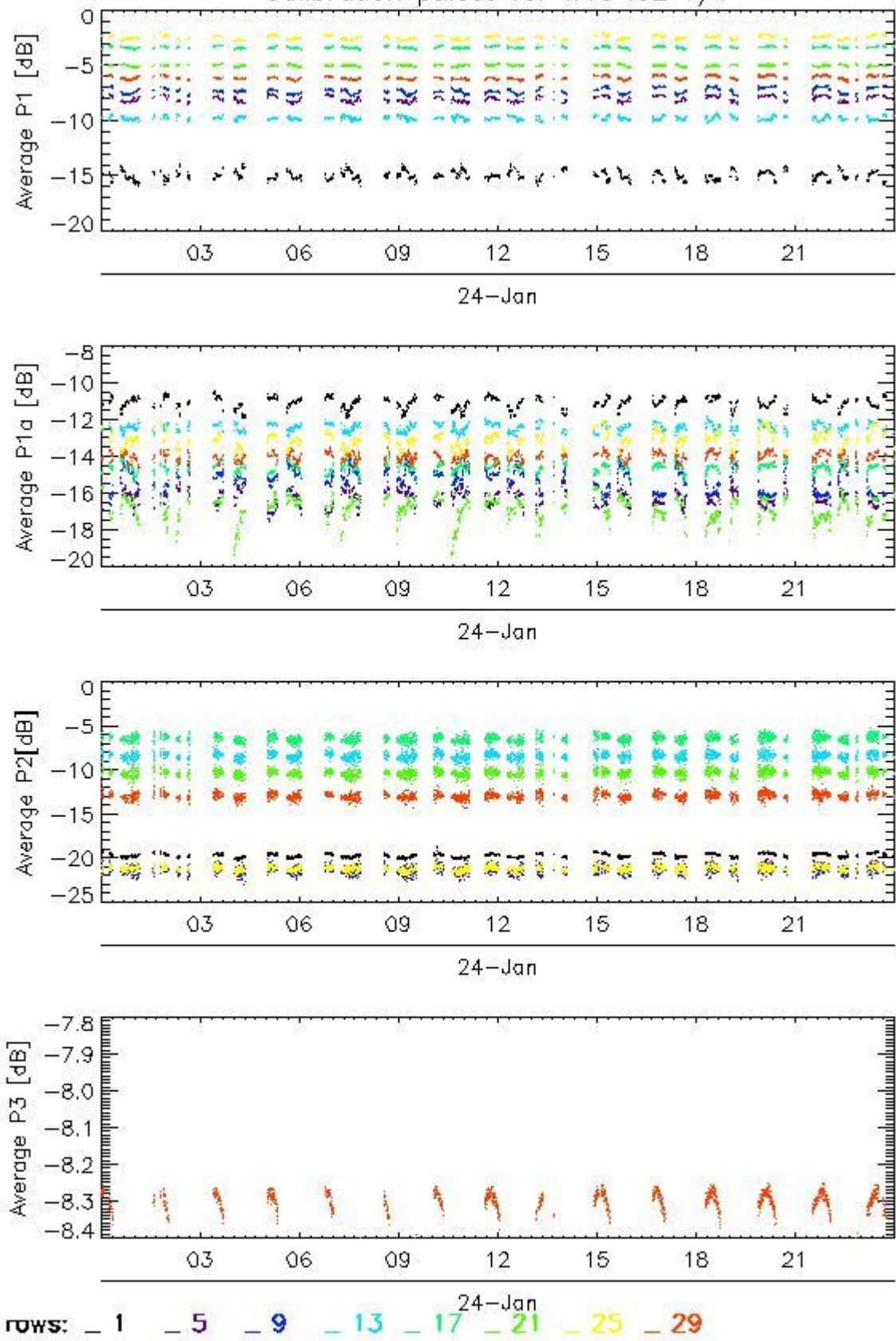
##### 4.1 - Analysis for WVS IS2 V/V

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

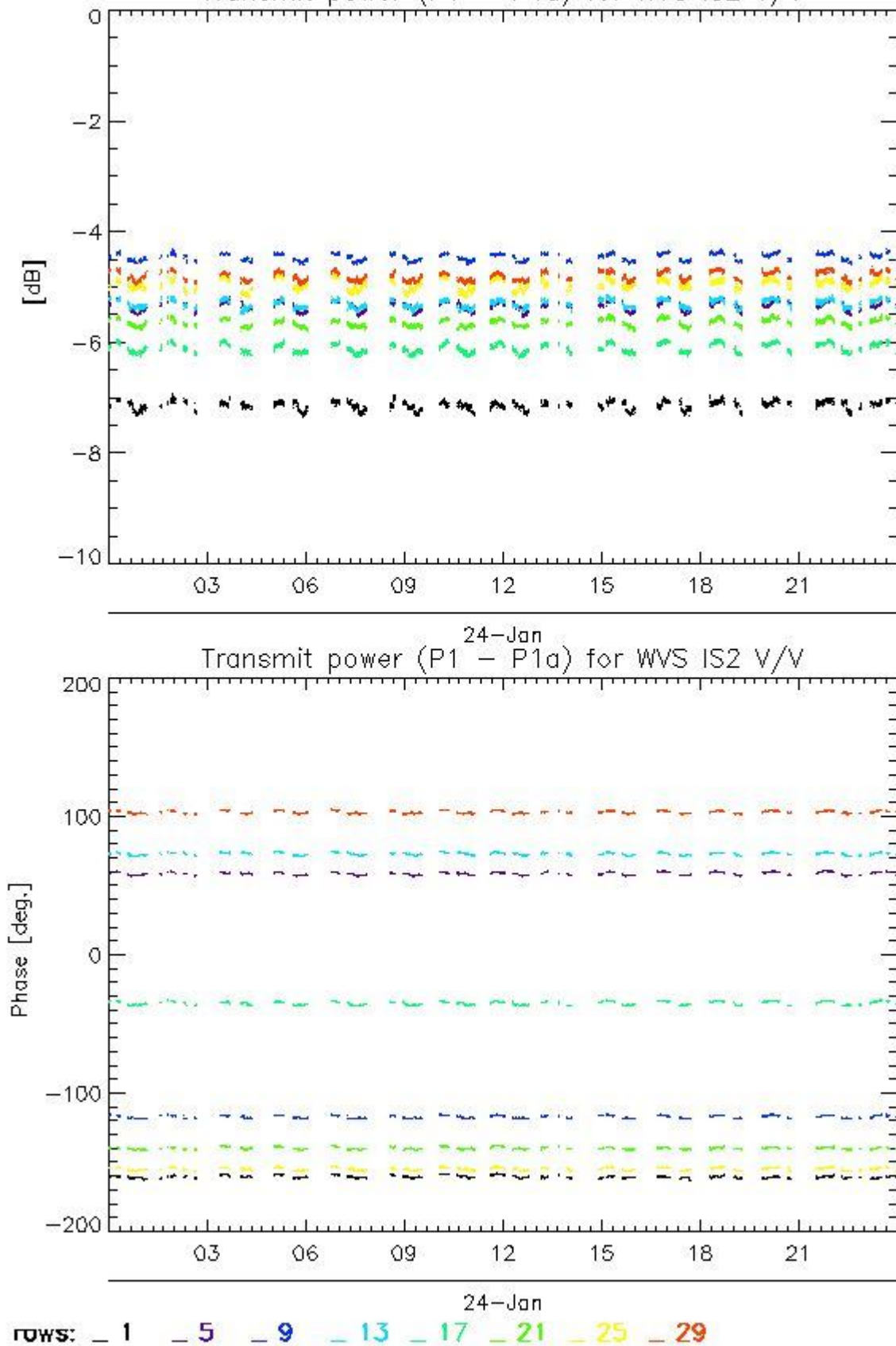
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]
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Calibration pulses for WVS IS2 V/V



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

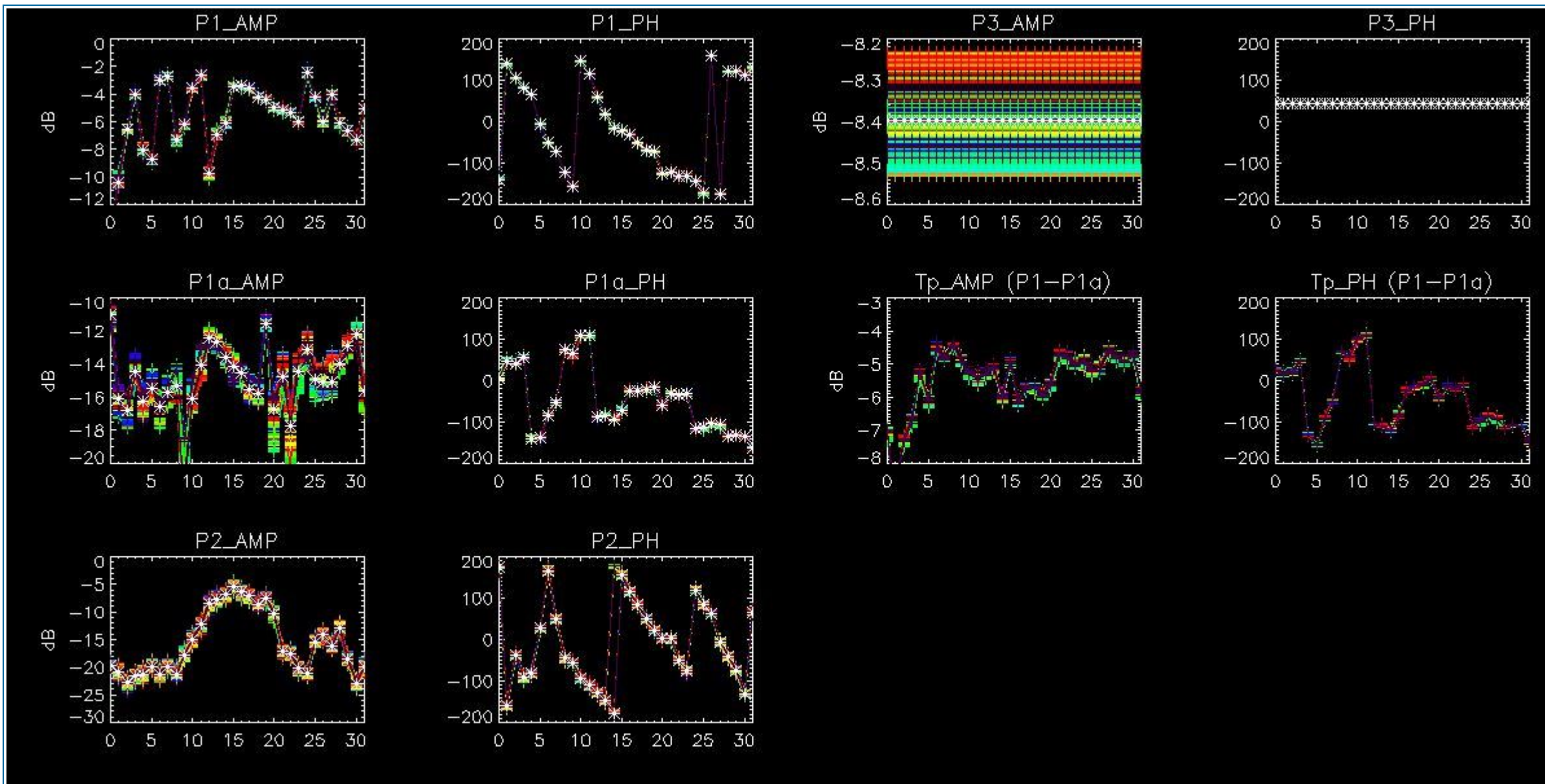


#### 4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

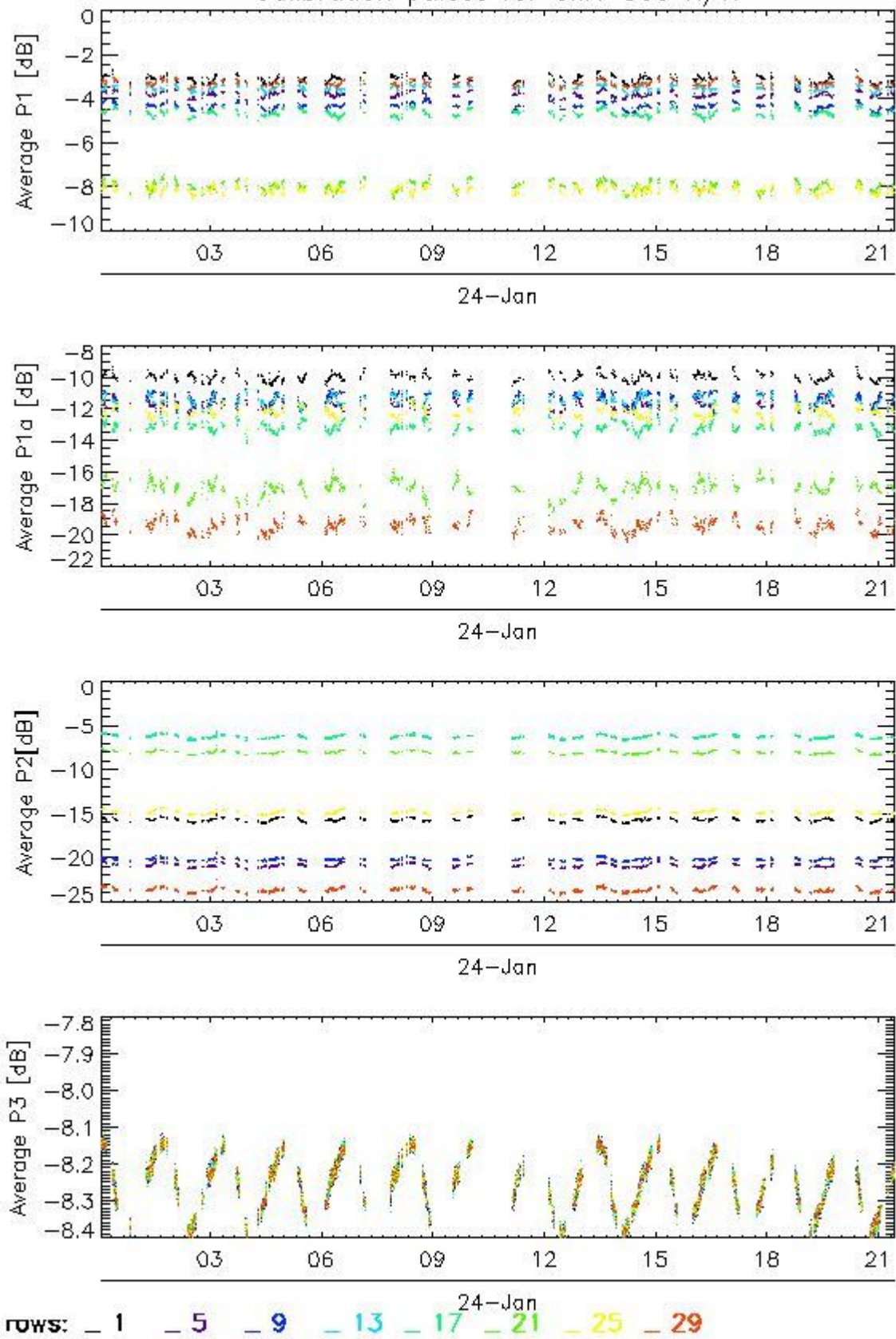
[ BACK TO MENU ]

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

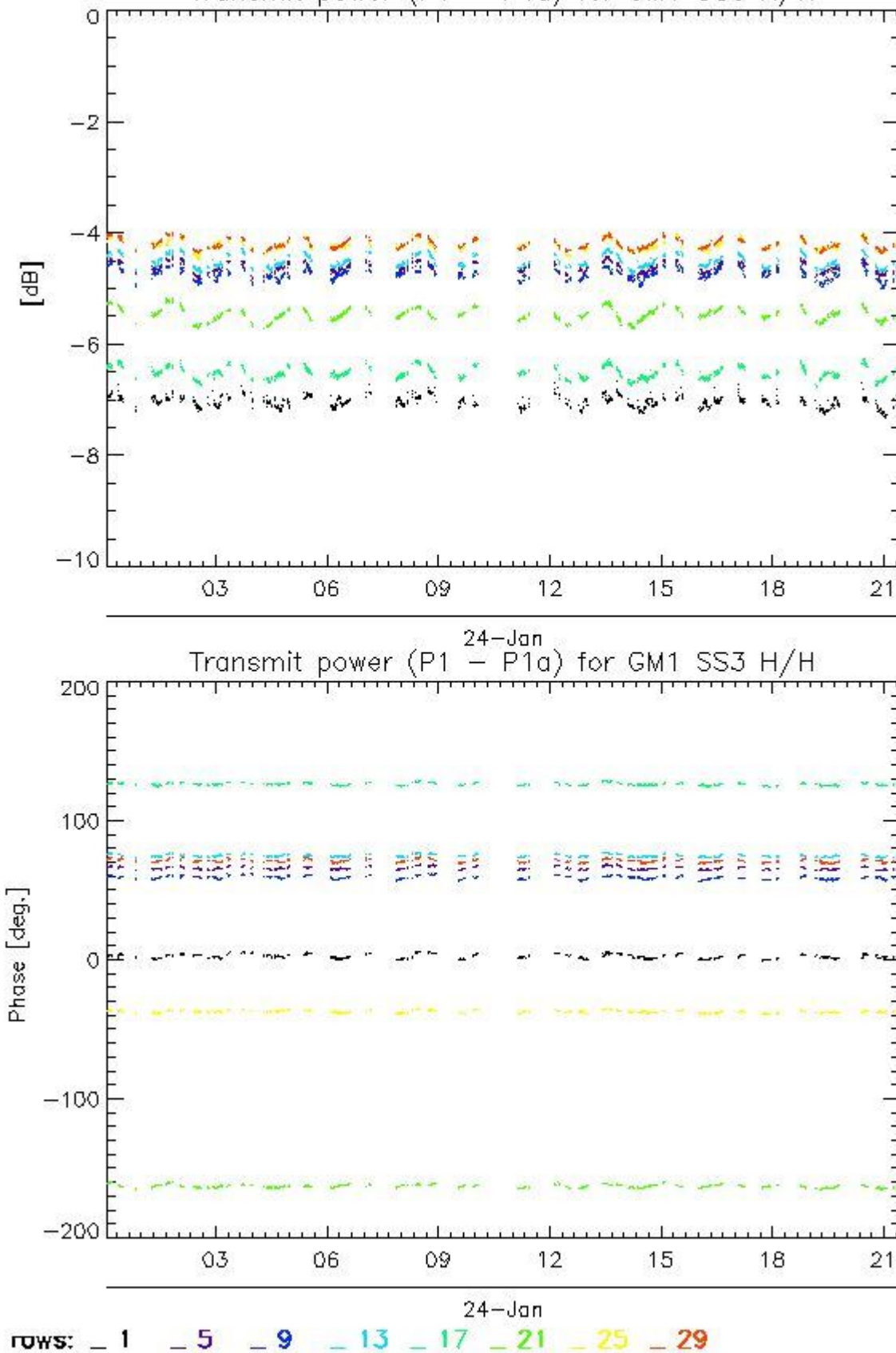
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



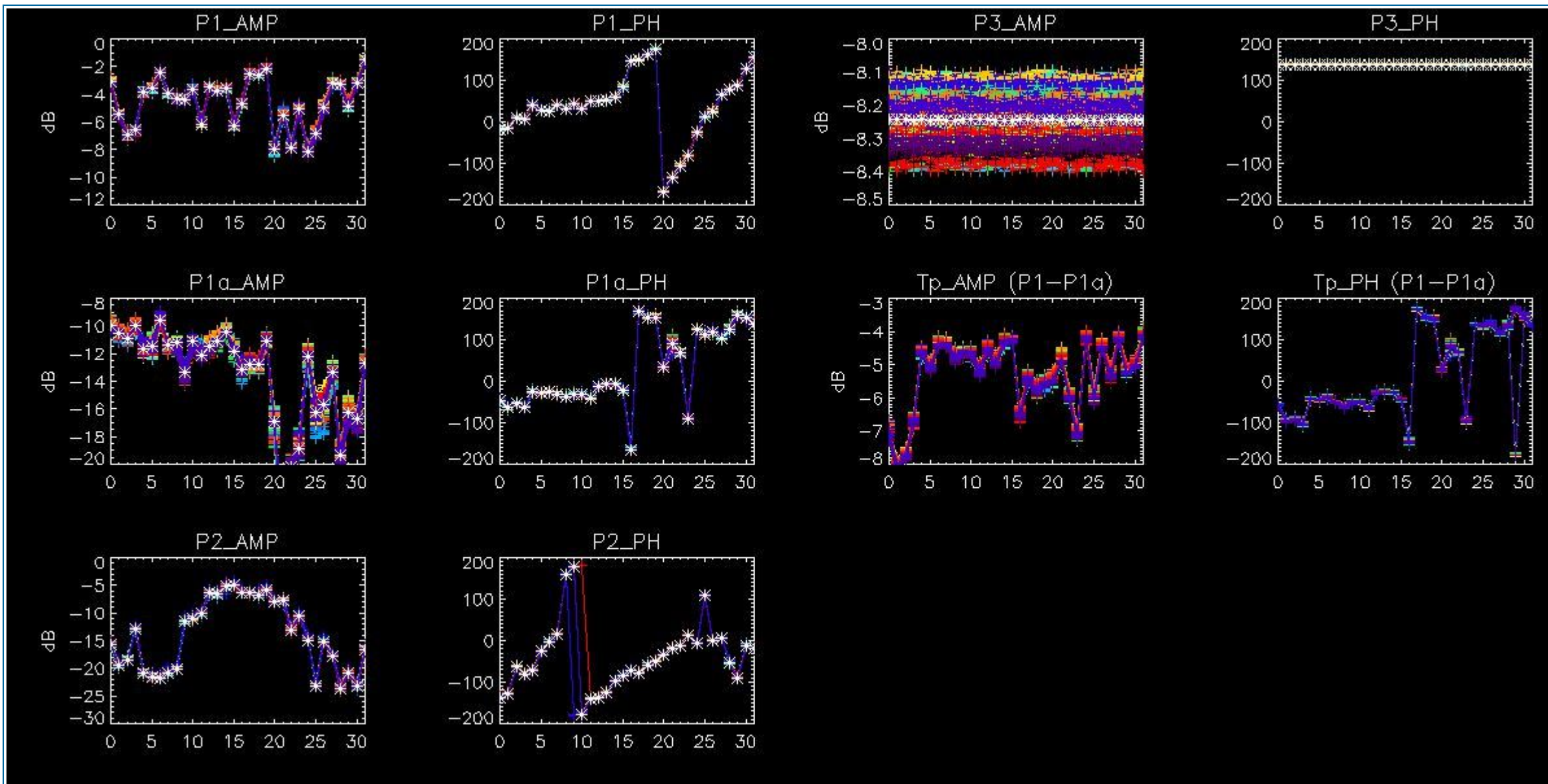
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

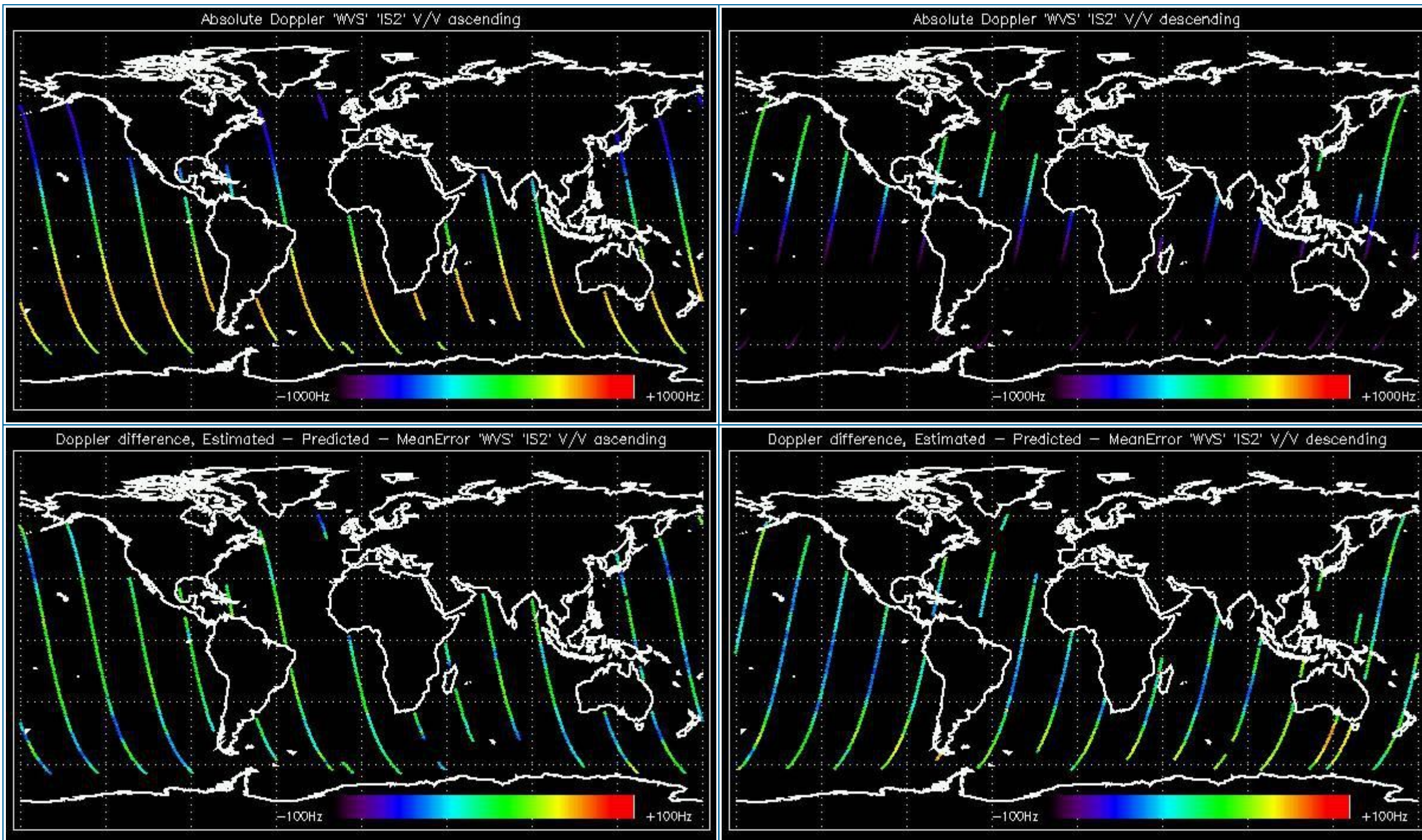
### 5.1 - Analysis for WVS IS2 V/V

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

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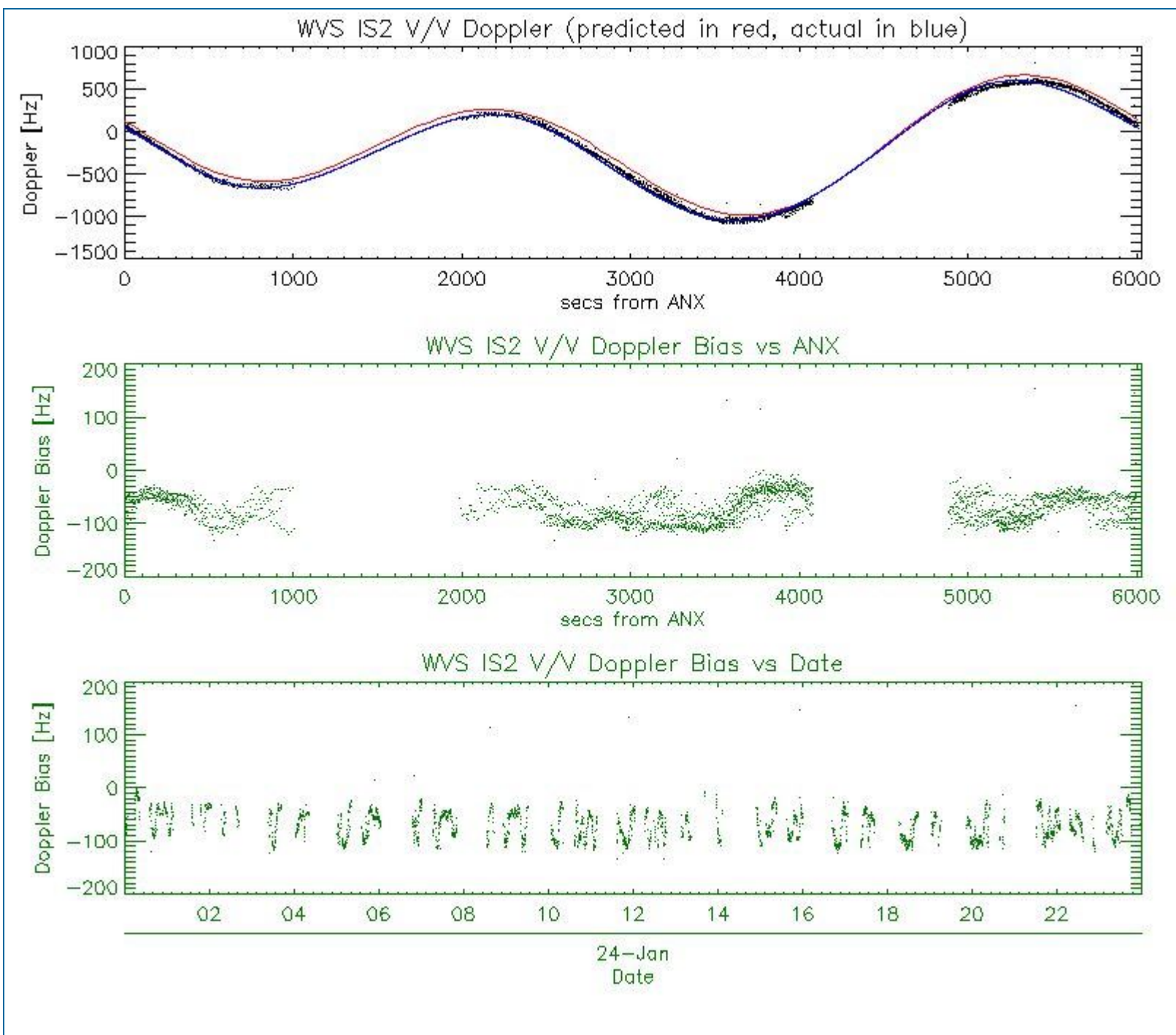




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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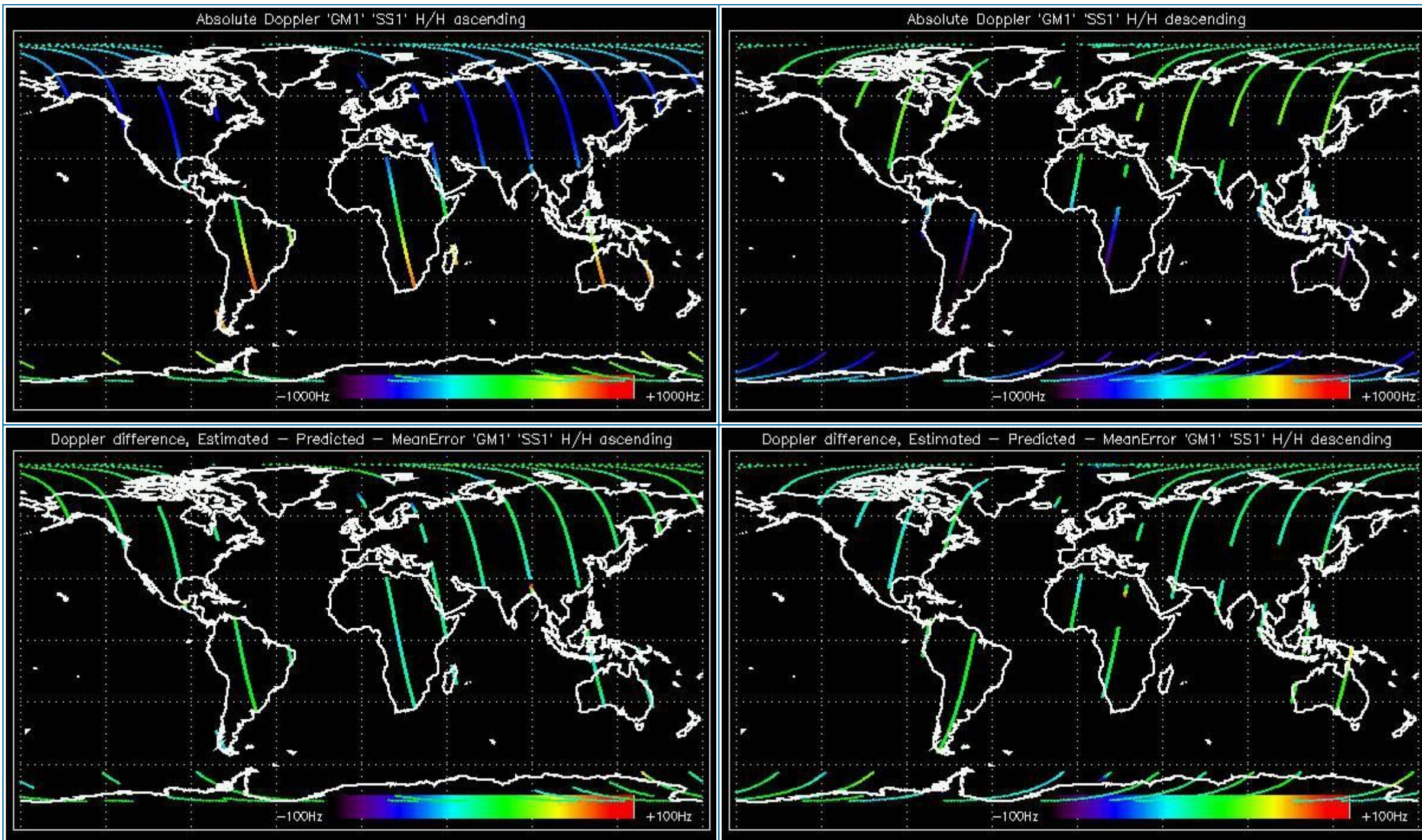
## 5.2 - Analysis for GM1 SS1 H/H

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

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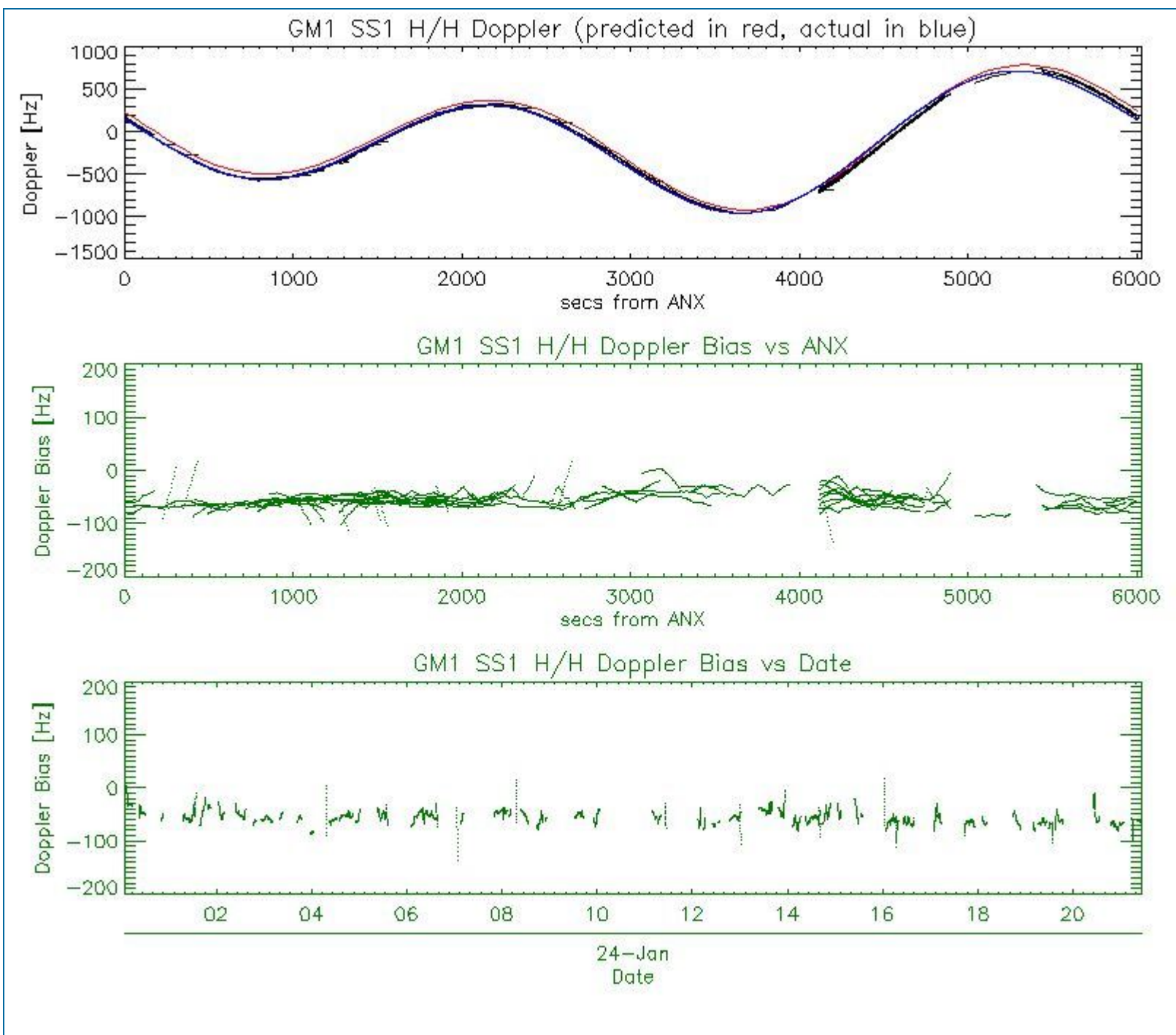




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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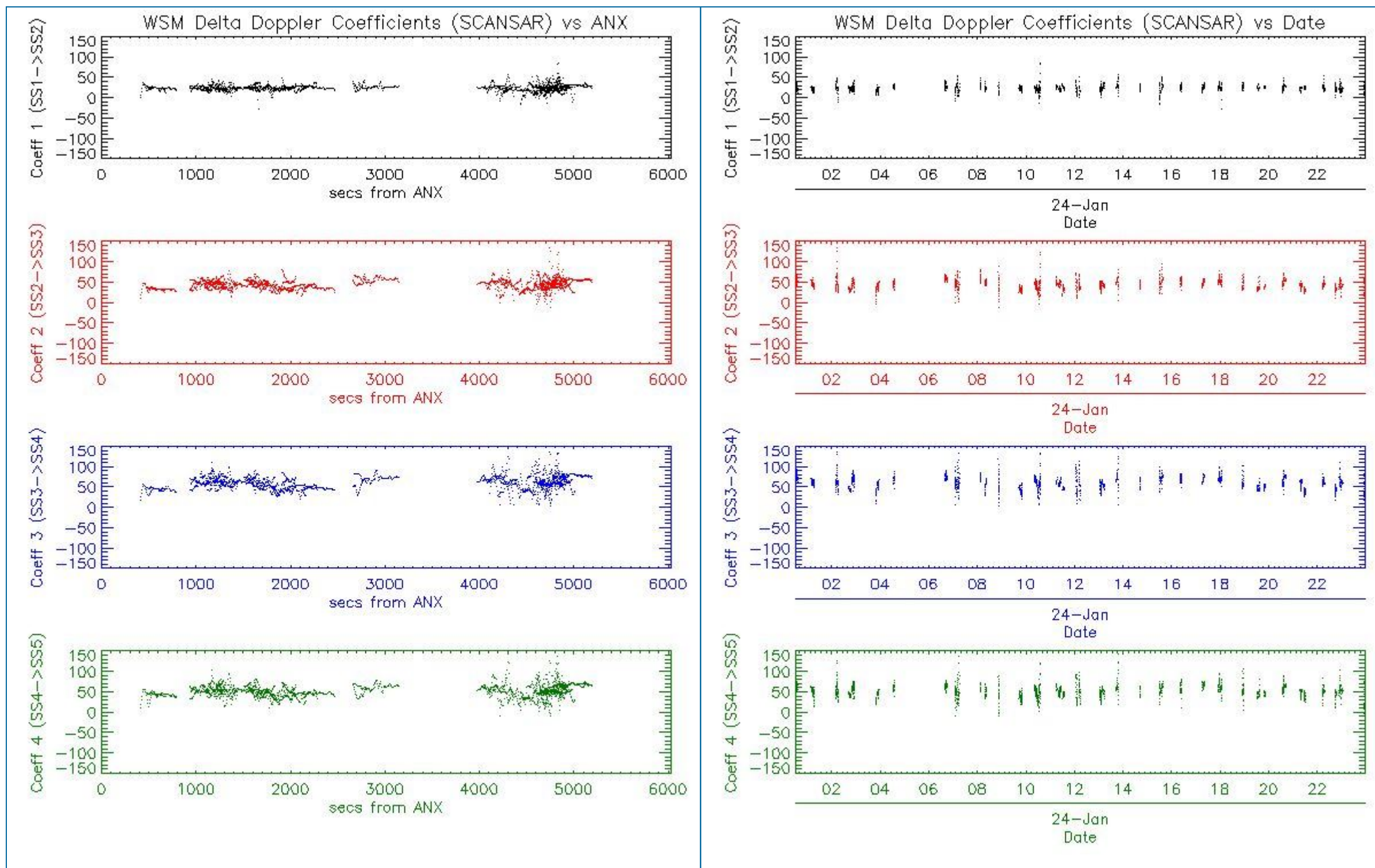


### 5.3 - Doppler JUMPS Analysis for WSM

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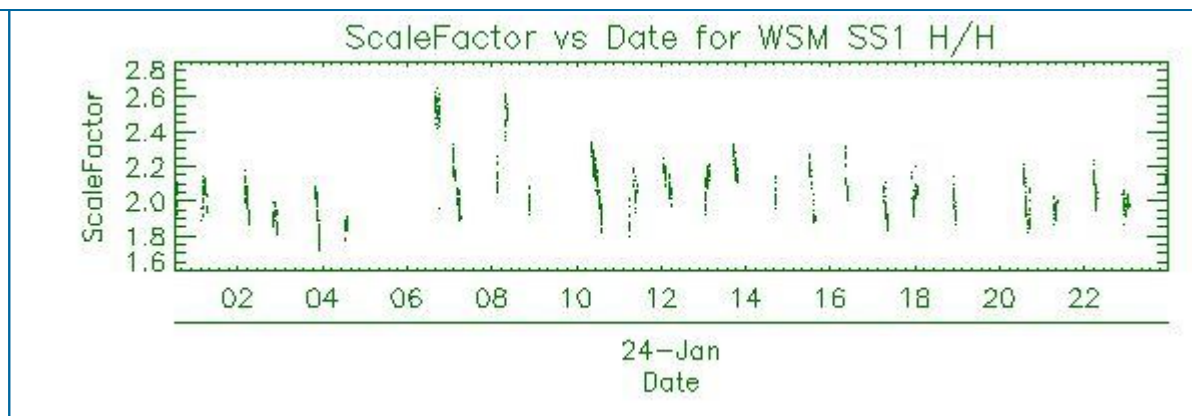
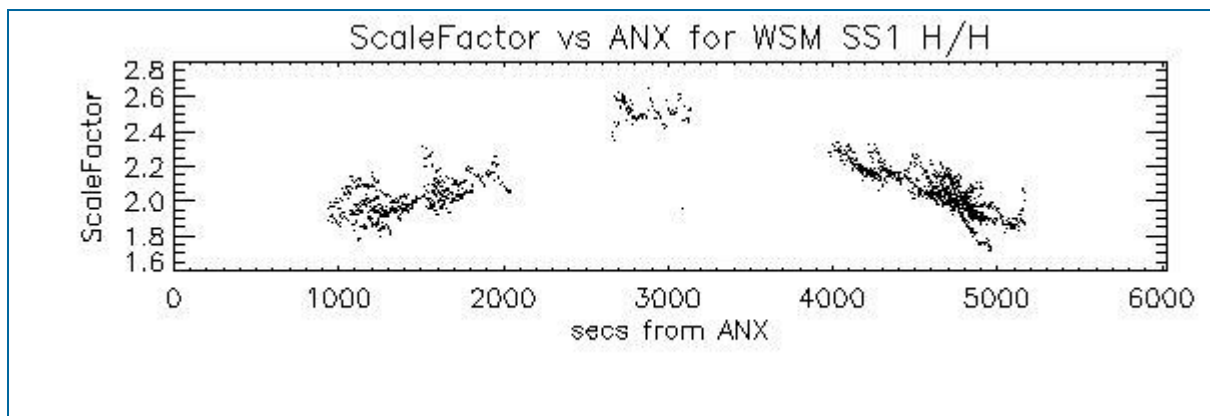
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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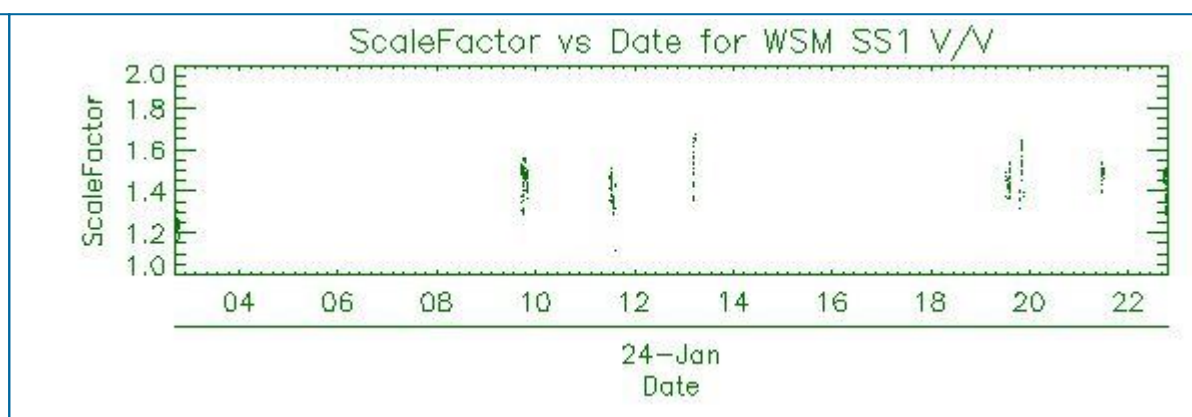
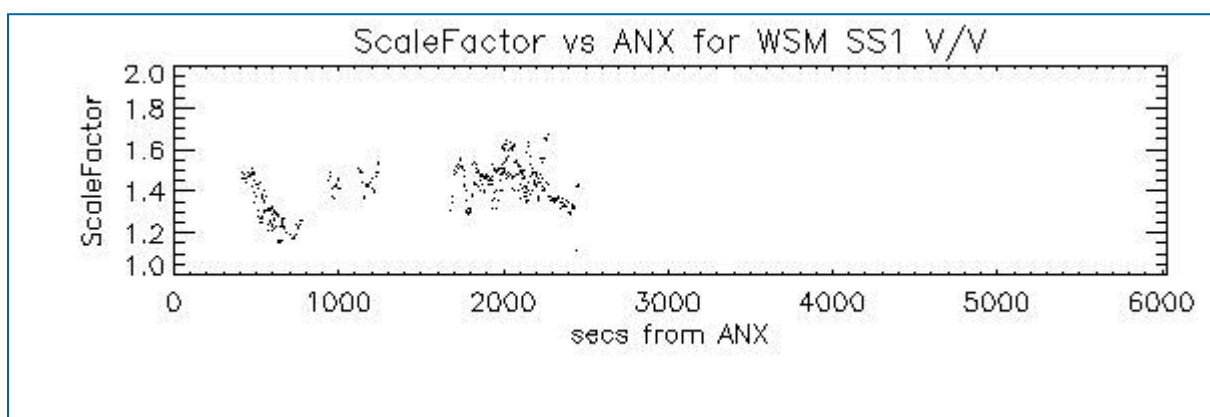




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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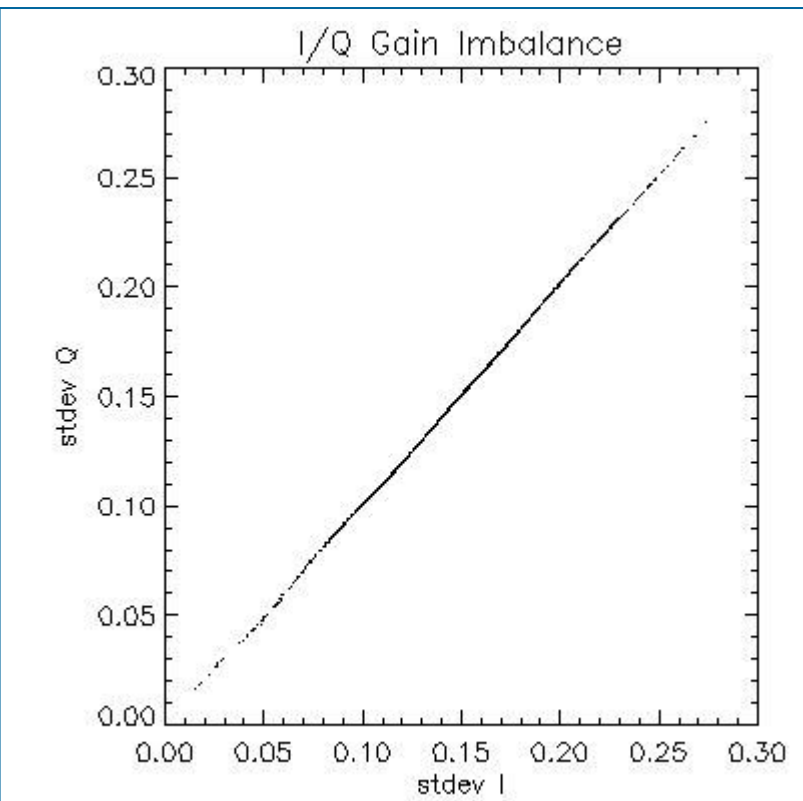
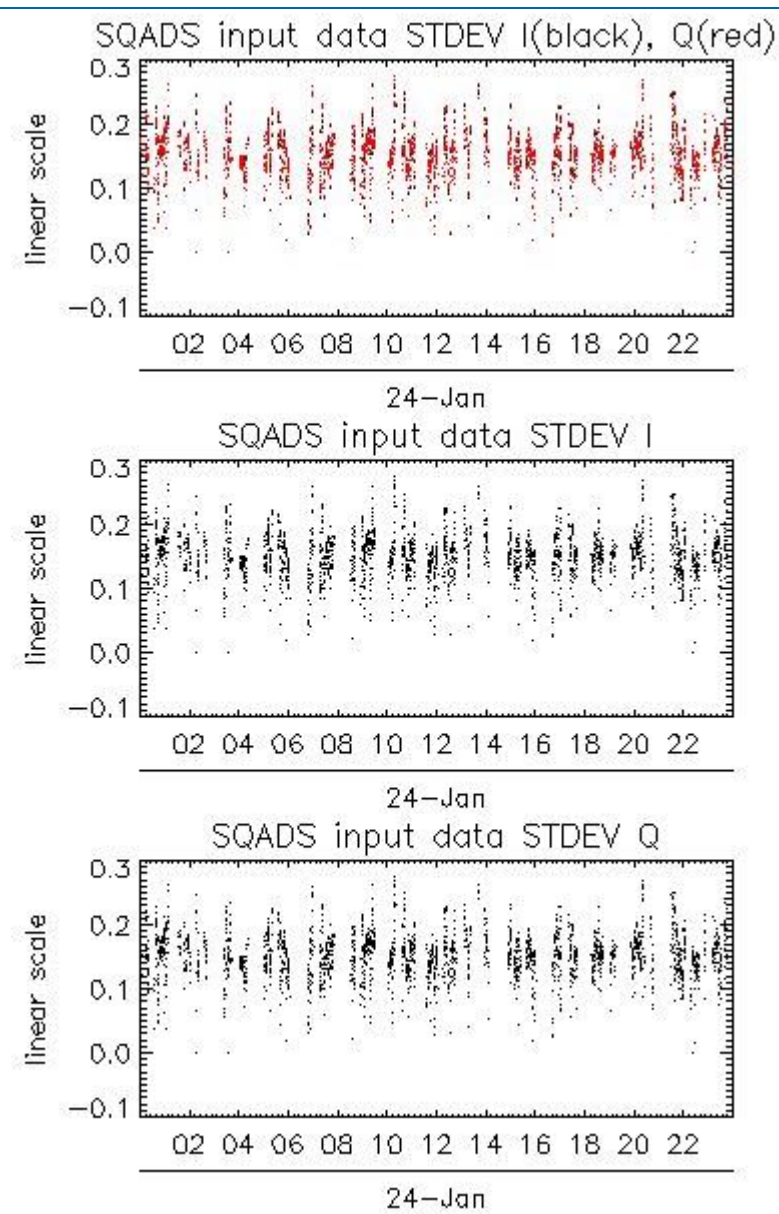
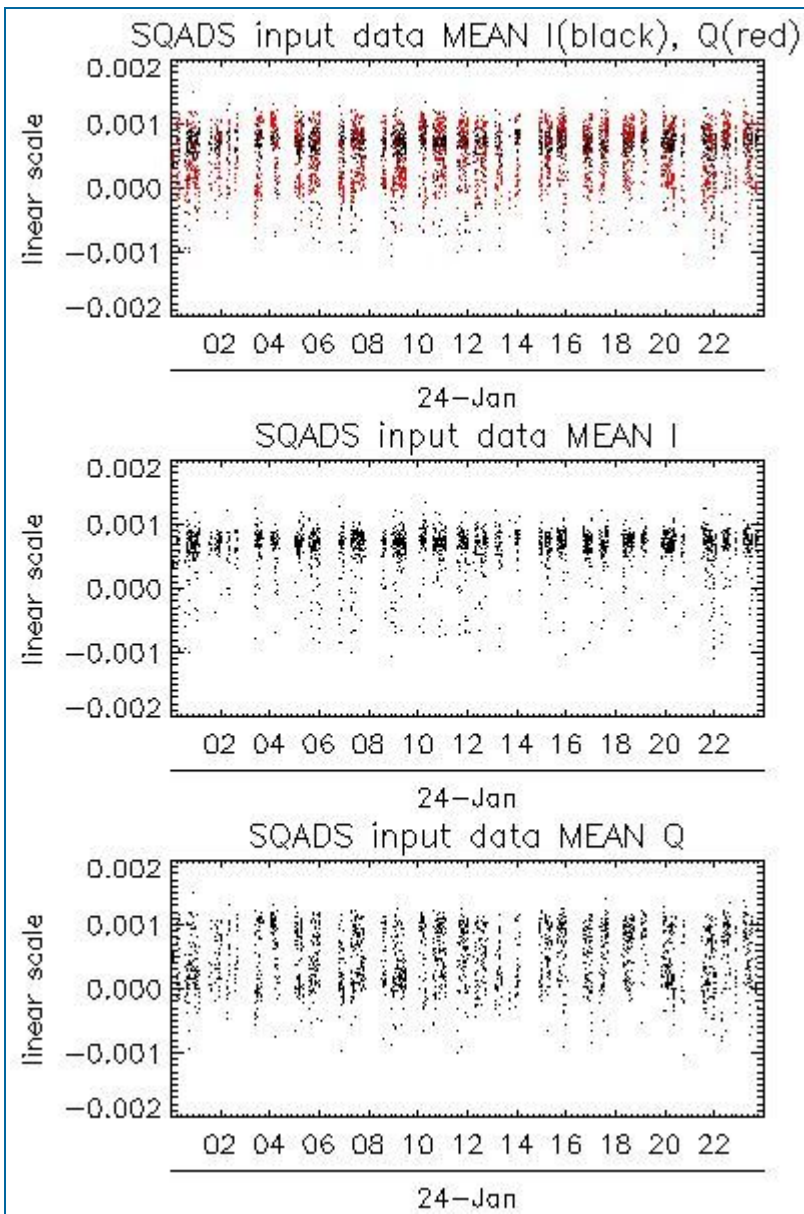
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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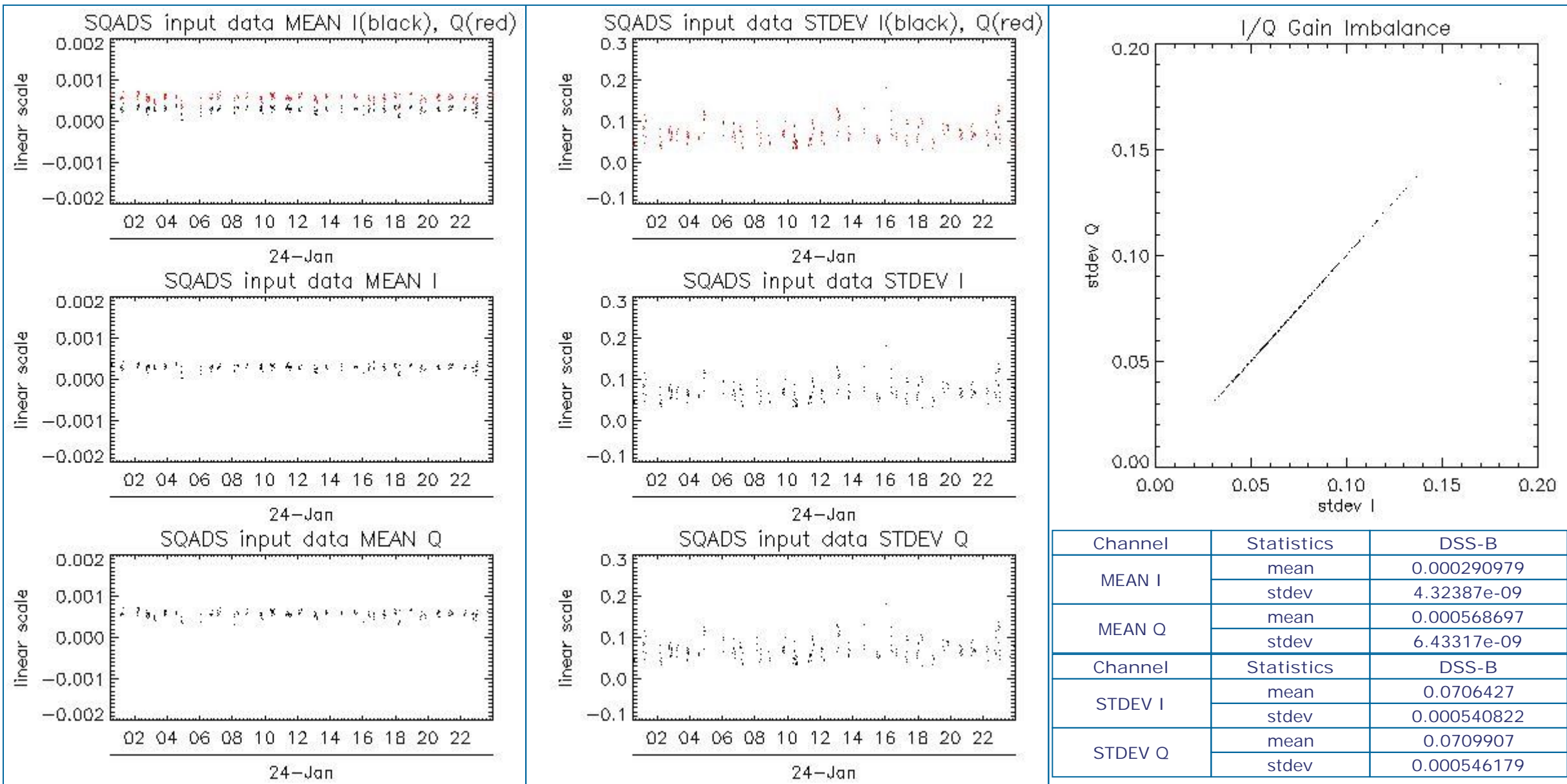


Channel	Statistics	DSS-B
MEAN I	mean	0.000629070
	stdev	1.17306e-07
MEAN Q	mean	0.000484739
	stdev	2.05618e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.151750
	stdev	0.00127720
STDEV Q	mean	0.152325
	stdev	0.00130486

## 7.2 - Analysis for IMM

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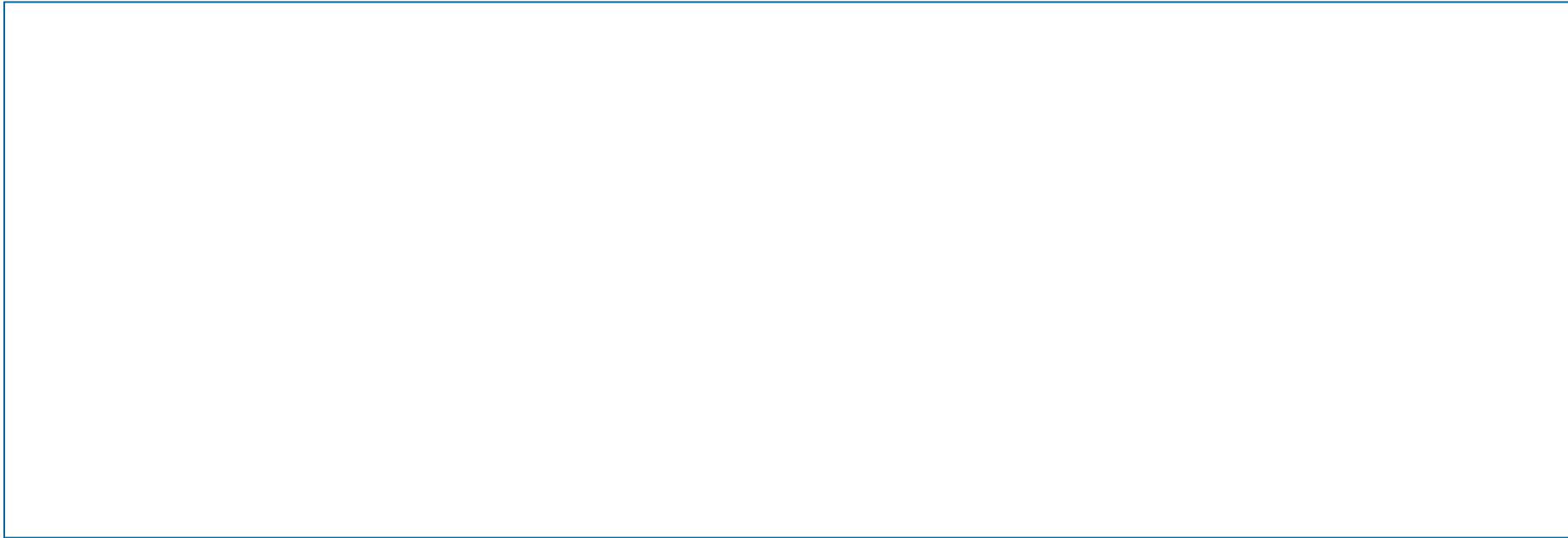




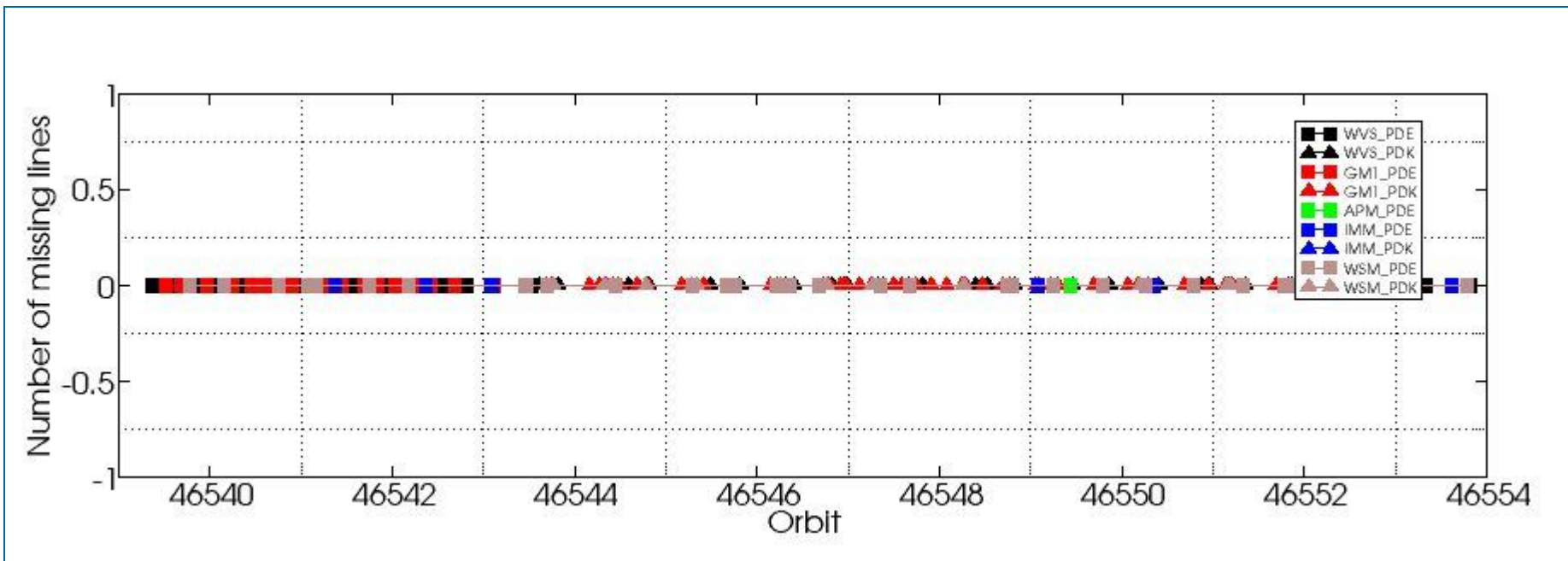
## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

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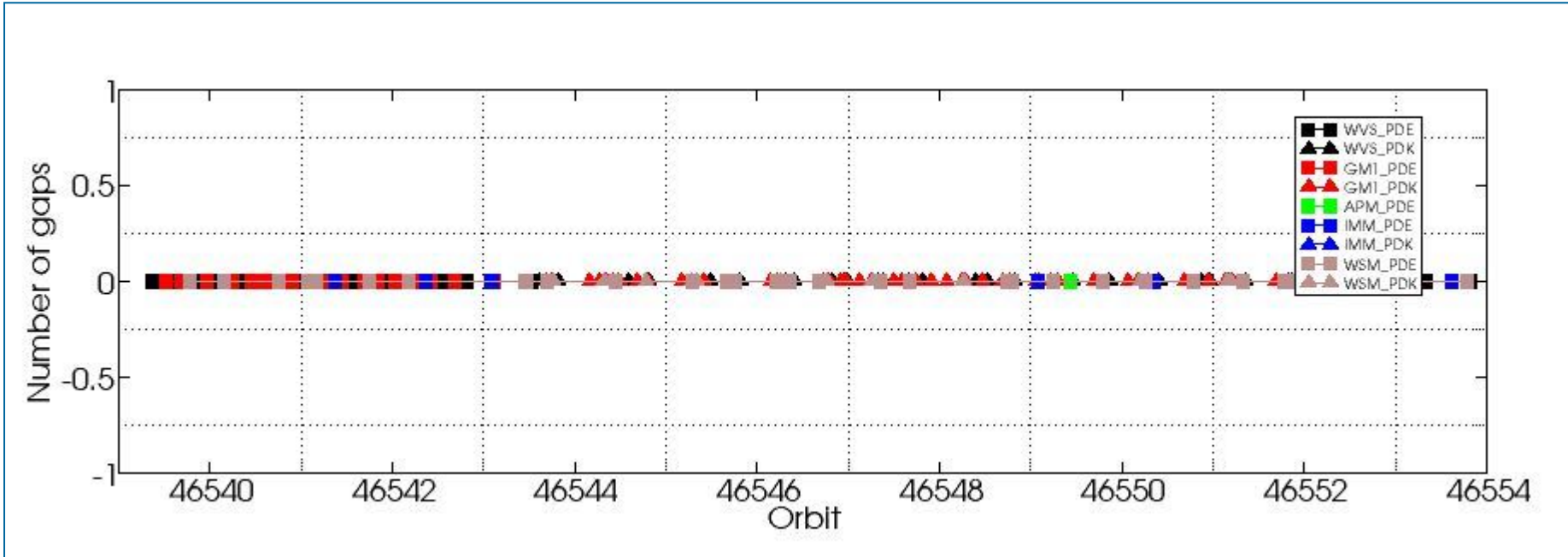






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110124  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-01-24 00:00:00

Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110124/

DATA SUMMARY  
#####  
Summary will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110124/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110124/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110124/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110124/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110124/AUXILIARY...

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





ADF filter 20110124\*current\_3\_IECF\_ADFs.txt  
 Found list 20110124\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20101222\_141422\_20100317\_120410\_20141231\_000000  
 ASA\_INS\_AXVIEC20101222\_143805\_20101022\_000000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20101111\_113830\_20100601\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110124_001336_000004653098_00404_46539_4013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_003533_000003753098_00404_46539_4014.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_004103_000005093098_00404_46539_4037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_005252_000009293098_00404_46539_4031.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_013417_000001643098_00405_46540_4044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_014643_000001193098_00405_46540_4042.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_015229_000005553098_00405_46540_4040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_021715_000000443098_00405_46540_4038.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_021715_000003453098_00405_46540_4065.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_023655_000002543098_00406_46541_4062.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_032343_000005693098_00406_46541_4060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_033243_000003003098_00406_46541_4081.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_033952_000001203098_00406_46541_4079.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_040133_000009293098_00406_46541_4077.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_041923_000008893098_00407_46542_4074.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_050056_000008993098_00407_46542_4072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_051541_000003003098_00407_46542_4096.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_053549_000016043098_00407_46542_4098.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_064657_000005243098_00408_46543_4105.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_213030_000020393098_00417_46552_4201.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_221800_000003443098_00417_46552_4203.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_222300_000008393098_00417_46552_4216.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_225031_000001803098_00418_46553_4218.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_231004_000013193098_00418_46553_4220.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_233822_000003753098_00418_46553_4223.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110124_235822_000003903098_00418_46553_4224.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_065527_000003303098_00408_46543_2247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_071554_000020543098_00408_46543_2249.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_083240_000006003098_00409_46544_2278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_085617_000021143098_00409_46544_2289.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_100351_000009893098_00410_46545_2316.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_103622_000019343098_00410_46545_2319.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_113621_000015893098_00411_46546_2344.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_121645_000005103098_00411_46546_2346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_122940_000001043098_00411_46546_2348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_123411_000007533098_00411_46546_2352.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_130821_000001203098_00412_46547_2386.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_131328_000005243098_00412_46547_2389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_134109_000000453098_00412_46547_2391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_135659_000005103098_00412_46547_2395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_145428_000004643098_00413_46548_2433.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_150758_000009303098_00413_46548_2436.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_153809_000013643098_00413_46548_2439.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_164124_000013343098_00414_46549_2454.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_172218_000011843098_00414_46549_2456.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_181652_000016193098_00415_46550_2492.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_190218_000004203098_00415_46550_2493.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_191246_000001643098_00415_46550_2497.N1	ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK



```

ASA_WVS_1PNPDK20110124_195216_000019193098_00416_46551_2530.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_203823_000000603098_00416_46551_2528.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110124_204248_000002103098_00416_46551_2531.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_GM1.txt...

```

ASA_GM1_1PNPDE20110124_000436_000005373098_00404_46539_4012.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_002206_000005313098_00404_46539_4015.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_005009_000001633098_00404_46539_4030.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_011745_000009913098_00405_46540_4045.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_013908_000004533098_00405_46540_4043.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_014933_000001753098_00405_46540_4041.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_020221_000004413098_00405_46540_4036.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_022349_000007853098_00405_46540_4066.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_024716_000001383098_00406_46541_4064.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_025616_000008883098_00406_46541_4063.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_031912_000002713098_00406_46541_4061.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_034236_000003383098_00406_46541_4082.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_035800_000002113098_00406_46541_4080.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_041754_000000843098_00407_46542_4078.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_042142_000006283098_00407_46542_4076.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_043528_0000009673098_00407_46542_4075.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_045616_000002773098_00407_46542_4073.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_052249_000007793098_00407_46542_4097.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_060620_000019583098_00408_46543_4106.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_211428_000001083098_00417_46552_4200.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110124_212125_000003143098_00417_46552_4202.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_070304_000000843098_00408_46543_2246.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_070831_000001573098_00408_46543_2248.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_075053_000006953098_00409_46544_2250.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_080113_000003083098_00409_46544_2272.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_080859_000001383098_00409_46544_2273.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_081726_000000843098_00409_46544_2274.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_082305_000005733098_00409_46544_2275.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_084315_000005073098_00409_46544_2279.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_085427_000001023098_00409_46544_2288.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_093217_000006283098_00410_46545_2290.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_095613_000004593098_00410_46545_2317.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_110924_000003503098_00411_46546_2318.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_111647_000002653098_00411_46546_2320.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_112550_000000783098_00411_46546_2343.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_120724_000002173098_00411_46546_2345.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_121411_000001503098_00411_46546_2347.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_122557_000002233098_00411_46546_2349.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_123205_000001203098_00411_46546_2350.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_124730_000008283098_00412_46547_2353.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_130004_000000783098_00412_46547_2387.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_132442_000006043098_00412_46547_2388.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_133449_000003803098_00412_46547_2390.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_134812_000005253098_00412_46547_2392.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_140614_000006283098_00412_46547_2394.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_142232_000011123098_00413_46548_2396.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_143954_000000603098_00413_46548_2431.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_144341_000006283098_00413_46548_2432.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_150250_000003083098_00413_46548_2434.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_152413_000003083098_00413_46548_2435.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_153253_000001633098_00413_46548_2438.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_160133_000000903098_00414_46549_2437.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_160357_000008403098_00414_46549_2440.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_161711_000002233098_00414_46549_2449.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_162531_000008103098_00414_46549_2453.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_170427_000006283098_00414_46549_2455.N1  ASA_CON -> OKASA_INS -> NOT OK  ASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20110124_174246_000007313098_00415_46550_2457.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_175349_000001263098_00415_46550_2490.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_180542_000003083098_00415_46550_2491.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_184443_000005923098_00415_46550_2495.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_191003_000001573098_00415_46550_2494.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_191617_000006283098_00416_46551_2496.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_192923_000001443098_00416_46551_2499.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_193326_000000783098_00416_46551_2525.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_193726_000006283098_00416_46551_2527.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_202454_000005313098_00416_46551_2529.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110124_204657_000010693098_00416_46551_2532.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_APM.xls...  
Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20110124_163857_000001403098_00414_46549_4190.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_IMM.xls...  
Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20110124_031104_000002663098_00406_46541_4050.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110124_045132_000002763098_00407_46542_4070.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110124_060313_000001763098_00408_46543_4093.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110124_160308_000000393098_00414_46549_4187.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110124_181048_000003573098_00415_46550_4194.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110124_233738_000000373098_00418_46553_4214.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110124_112716_000001123098_00411_46546_2328.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_WSM.xls...  
Writing file ./RESULTS/DAILY/\_110124/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20110124_003102_000002753098_00404_46539_4004.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_010911_000005083098_00405_46540_4029.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_020943_000004533098_00405_46540_4039.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_024150_000002083098_00406_46541_4051.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_024544_000000923098_00406_46541_4052.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_024941_000003923098_00406_46541_4053.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_034821_000005203098_00406_46541_4071.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_043223_000001773098_00407_46542_4088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_063858_000001353098_00408_46543_4094.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_064226_000002693098_00408_46543_4095.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_070439_000002323098_00408_46543_4109.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_081857_000002453098_00409_46544_4128.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_094407_000000923098_00410_46545_4143.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_102106_000005753098_00410_46545_4150.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_103136_000002753098_00410_46545_4162.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_111515_000000923098_00411_46546_4163.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_113023_000003613098_00411_46546_4161.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_120335_000002263098_00411_46546_4164.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_131058_000001533098_00412_46547_4184.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_134238_000003303098_00412_46547_4185.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_152927_000001903098_00413_46548_4186.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_153539_000001533098_00413_46548_4183.N1 ASA_CON -> OKASA_INS -> NOT OK ASA_XCH -> OKASA_XCA -> OK
```

ASA_WSM_1PNPDE20110124_162056_000002693098_00414_46549_4189.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_171519_000004223098_00414_46549_4188.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_180115_000001533098_00415_46550_4191.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_185438_000002083098_00415_46550_4192.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_194826_000002323098_00416_46551_4197.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_203349_000002753098_00416_46551_4195.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_204005_000001653098_00416_46551_4196.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_212645_000002263098_00417_46552_4199.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_221259_000002943098_00417_46552_4198.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_224334_000002883098_00418_46553_4212.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_225910_000002453098_00418_46553_4213.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110124_235454_000002083098_00418_46553_4215.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110124_071113_000002693098_00408_46543_2258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_080626_000001533098_00409_46544_2259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_085143_000001593098_00409_46544_2287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_094251_000002753098_00410_46545_2292.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_094747_000001903098_00410_46545_2298.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_112114_000002693098_00411_46546_2327.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_121106_000001843098_00411_46546_2351.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_130133_000004103098_00412_46547_2359.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_144106_000001533098_00413_46548_2403.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK	
ASA_WSM_1PNPDK20110124_175600_000002393098_00415_46550_2464.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110124_193151_000000923098_00416_46551_2498.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110124_193451_000001533098_00416_46551_2506.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110124_211622_000003003098_00417_46552_2541.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110124_225408_000002753098_00418_46553_2555.N1	ASA_CON -> OKASA_INS -> NOT OK	ASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110124/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110124/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_110124/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110124/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/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_0PNPDE20110124\_052117\_000000163098\_00407\_46542\_0117.N1

H

H

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110124\_052117-20010209\_135042.png

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110124\_052117-20010209\_135042.png

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110124\_052117-20010209\_135042.png

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110124\_052117-20010209\_135042.png

Polarization: V

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

Test product: ASA\_MS\_0PNPDK20110124\_070131\_000000163098\_00408\_46543\_0417.N1

V

V

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110124\_070131-20010209\_140823.png

../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110124\_070131-20010209\_140823.png



../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110124\_070131-20010209\_140823.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110124\_070131-20010209\_140823.png

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\*\*\*\*\*  
Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDE20110123\_055800\_000000163098\_00393\_46528\_0116.N1  
Test product: ASA\_MS\_\_0PNPDE20110124\_052117\_000000163098\_00407\_46542\_0117.N1  
H  
H  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110124\_052117-20110123\_055800.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110124\_052117-20110123\_055800.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110124\_052117-20110123\_055800.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110124\_052117-20110123\_055800.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20110123\_073814\_000000163098\_00394\_46529\_0416.N1  
Test product: ASA\_MS\_\_0PNPDK20110124\_070131\_000000163098\_00408\_46543\_0417.N1  
V  
V  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110124\_070131-20110123\_073814.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110124\_070131-20110123\_073814.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110124\_070131-20110123\_073814.png  
../../RESULTS/DAILY/\_110124/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110124\_070131-20110123\_073814.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES...

\*\*\*\*\*  
\*\*\*\*\*  
ALL ROWS Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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\*\*\*\*\*  
TEMPORAL EVOLUTION Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-24\_1.dat...  
Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-24\_2.dat...  
Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 3/7/11/15/19/23/27/31



Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_110124//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 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-24\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-24\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-24 00:00:00 to 2011-01-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110124/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_110124//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_110124/DOPPLER...

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 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110124/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-01-24.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_110124/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110124/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-01-24.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_110124/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
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DOPPLER JUMPS Analysis will be performed on WSM products from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...

Writing file ./RESULTS/DAILY/\_110124/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-01-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110124/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_110124/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59

Analysing products WVS IS2 V/V

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -71.113148 Hz

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -68.169424 Hz

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -51.488322 Hz

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -59.822324 Hz

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_110124//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

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DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110124/CHIRP...

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

CHIRP Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59



Analysing products WSM SS1 H/H

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 H/H from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-01-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-01-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_110124/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110124/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110124/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_WVS\_2011-01-24.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2011-01-24 00:00:00 to 2011-01-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_IMM\_2011-01-24.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110124/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-01-24 00:00:00 to 2011-01-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110124/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110124/TELEMETRY...

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

\*\*\*\*\*

Checking 27 products from PDE...  
Checking 25 products from PDK...

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

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Checking 21 products from PDE...

Checking 46 products from PDK...

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

\*\*\*\*\*

Checking 1 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 6 products from PDE...

Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 34 products from PDE...

Checking 14 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110124/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110124/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110124/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

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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_1PNPDE20110124_163857_000001403098_00414_46549_4190.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	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_1PNPDE20110124_000436_000005373098_00404_46539_4012.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_002206_000005313098_00404_46539_4015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_005009_000001633098_00404_46539_4030.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_011745_000009913098_00405_46540_4045.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_013908_000004533098_00405_46540_4043.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_014933_000001753098_00405_46540_4041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_020221_000004413098_00405_46540_4036.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_022349_000007853098_00405_46540_4066.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_024716_000001383098_00406_46541_4064.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_025616_000008883098_00406_46541_4063.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_031912_000002713098_00406_46541_4061.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_034236_000003383098_00406_46541_4082.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_035800_000002113098_00406_46541_4080.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_041754_000008843098_00407_46542_4078.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_042142_000006283098_00407_46542_4076.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_043528_000009673098_00407_46542_4075.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_045616_000002773098_00407_46542_4073.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_052249_000007793098_00407_46542_4097.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_060620_000019583098_00408_46543_4106.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110124_211428_000001083098_00417_46552_4200.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDE20110124_212125_000003143098_00417_46552_4202.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_070304_000008843098_00408_46543_2246.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_070831_000001573098_00408_46543_2248.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_075053_000006953098_00409_46544_2250.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_080113_000003083098_00409_46544_2272.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_080859_000001383098_00409_46544_2273.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_081726_000008843098_00409_46544_2274.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_082305_000005733098_00409_46544_2275.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_084315_000005073098_00409_46544_2279.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_085427_000001023098_00409_46544_2288.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_093217_000006283098_00410_46545_2290.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_095613_000004593098_00410_46545_2317.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_110924_000003503098_00411_46546_2318.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_111647_000002653098_00411_46546_2320.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_112550_00000783098_00411_46546_2343.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_120724_000002173098_00411_46546_2345.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_121411_000001503098_00411_46546_2347.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_122557_000002233098_00411_46546_2349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_123205_000001203098_00411_46546_2350.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_124730_000008283098_00412_46547_2353.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_130004_000000783098_00412_46547_2387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_132442_000006043098_00412_46547_2388.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_133449_000003803098_00412_46547_2390.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_134812_000005253098_00412_46547_2392.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_140614_000006283098_00412_46547_2394.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_142232_000011123098_00413_46548_2396.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110124_143954_00000603098_00413_46548_2431.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_144341_000006283098_00413_46548_2432.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_150250_000003083098_00413_46548_2434.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_152413_000003083098_00413_46548_2435.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_153253_000001633098_00413_46548_2438.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_160133_000000903098_00414_46549_2437.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_160357_000008403098_00414_46549_2440.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_161711_000002233098_00414_46549_2449.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_162531_000008103098_00414_46549_2453.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_170427_000006283098_00414_46549_2455.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_174246_000007313098_00415_46550_2457.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_175349_000001263098_00415_46550_2490.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_180542_000003083098_00415_46550_2491.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_184443_000005923098_00415_46550_2495.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_191003_000001573098_00415_46550_2494.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_191617_000006283098_00416_46551_2496.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_192923_000001443098_00416_46551_2499.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_GM1_1PNPDK20110124_193326_000000783098_00416_46551_2525.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK



ASA\_GM1\_1PNPDK20110124\_193726\_000006283098\_00416\_46551\_2527.N1 OK  
ASA\_GM1\_1PNPDK20110124\_202454\_000005313098\_00416\_46551\_2529.N1 OK  
ASA\_GM1\_1PNPDK20110124\_204657\_000010693098\_00416\_46551\_2532.N1 OK

ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959 OK OK  
ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959 OK OK  
ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959 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_1PNPDE20110124_031104_000002663098_00406_46541_4050.N1					OK	OK	OK	OK		
ASA_IMM_1PNPDE20110124_045132_000002763098_00407_46542_4070.N1					OK	OK	OK	OK		
ASA_IMM_1PNPDE20110124_060313_000001763098_00408_46543_4093.N1					OK	OK	OK	OK		
ASA_IMM_1PNPDE20110124_160308_000000393098_00414_46549_4187.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959			OK	OK
ASA_IMM_1PNPDE20110124_181048_000003573098_00415_46550_4194.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959			OK	OK
ASA_IMM_1PNPDE20110124_233738_000000373098_00418_46553_4214.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959			OK	OK
ASA_IMM_1PNPDK20110124_112716_000001123098_00411_46546_2328.N1					OK	OK	OK	OK		

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

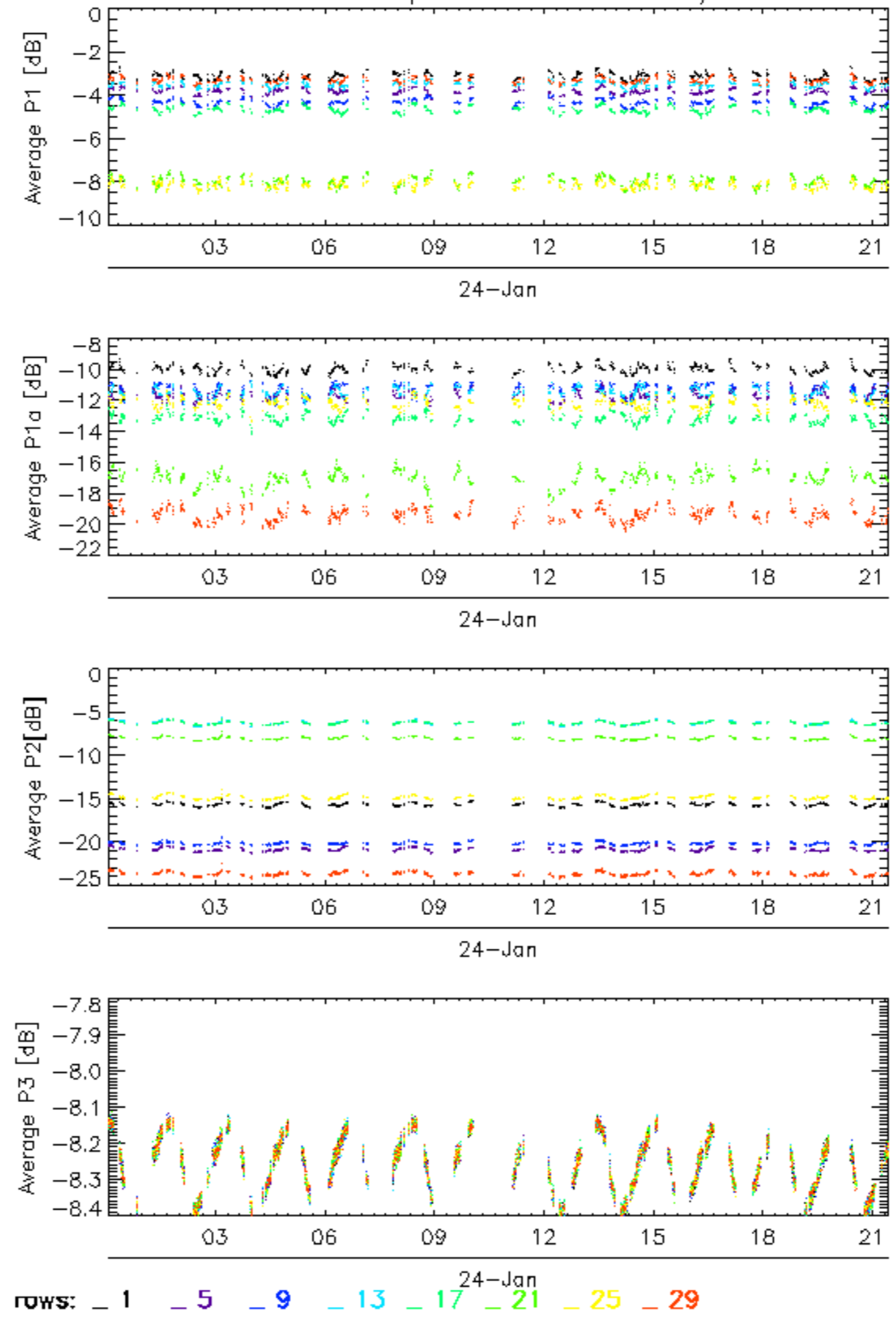
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110124_003102_000002753098_00404_46539_4004.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_010911_000005083098_00405_46540_4029.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_020943_000004533098_00405_46540_4039.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_024150_000002083098_00406_46541_4051.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_024544_000000923098_00406_46541_4052.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_024941_000003923098_00406_46541_4053.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_034821_000005203098_00406_46541_4071.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_043223_000001773098_00407_46542_4088.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_063858_000001353098_00408_46543_4094.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_064226_000002693098_00408_46543_4095.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_070439_000002323098_00408_46543_4109.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_081857_000002453098_00409_46544_4128.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_094407_000000923098_00410_46545_4143.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_102106_000005753098_00410_46545_4150.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_103136_000002753098_00410_46545_4162.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_111515_000000923098_00411_46546_4163.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_113023_000003613098_00411_46546_4161.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_120335_000002263098_00411_46546_4164.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110124_131058_000001533098_00412_46547_4184.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_134238_000003303098_00412_46547_4185.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_152927_000001903098_00413_46548_4186.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_153539_000001533098_00413_46548_4183.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_162056_000002693098_00414_46549_4189.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_171519_000004223098_00414_46549_4188.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_180115_000001533098_00415_46550_4191.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_185438_000002083098_00415_46550_4192.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_194826_000002323098_00416_46551_4197.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_203349_000002753098_00416_46551_4195.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_204005_000001653098_00416_46551_4196.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_212645_000002263098_00417_46552_4199.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_221259_000002943098_00417_46552_4198.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_224334_000002883098_00418_46553_4212.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_225910_000002453098_00418_46553_4213.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDE20110124_235454_000002083098_00418_46553_4215.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDK20110124_071113_000002693098_00408_46543_2258.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_080626_000001533098_00409_46544_2259.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_085143_000001593098_00409_46544_2287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_094251_000002753098_00410_46545_2292.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_094747_000001903098_00410_46545_2298.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_112114_000002693098_00411_46546_2327.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_121106_000001843098_00411_46546_2351.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_130133_000004103098_00412_46547_2359.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_144106_000001533098_00413_46548_2403.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110124_175600_000002393098_00415_46550_2464.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDK20110124_193151_000000923098_00416_46551_2498.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDK20110124_193451_000001533098_00416_46551_2506.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDK20110124_211622_000003003098_00417_46552_2541.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WSM_1PNPDK20110124_225408_000002753098_00418_46553_2555.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK



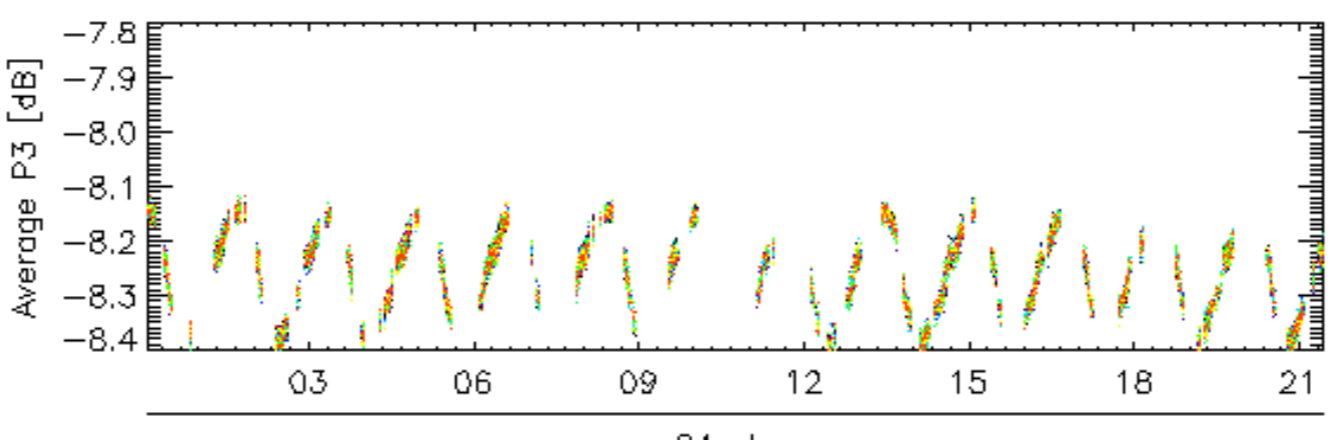
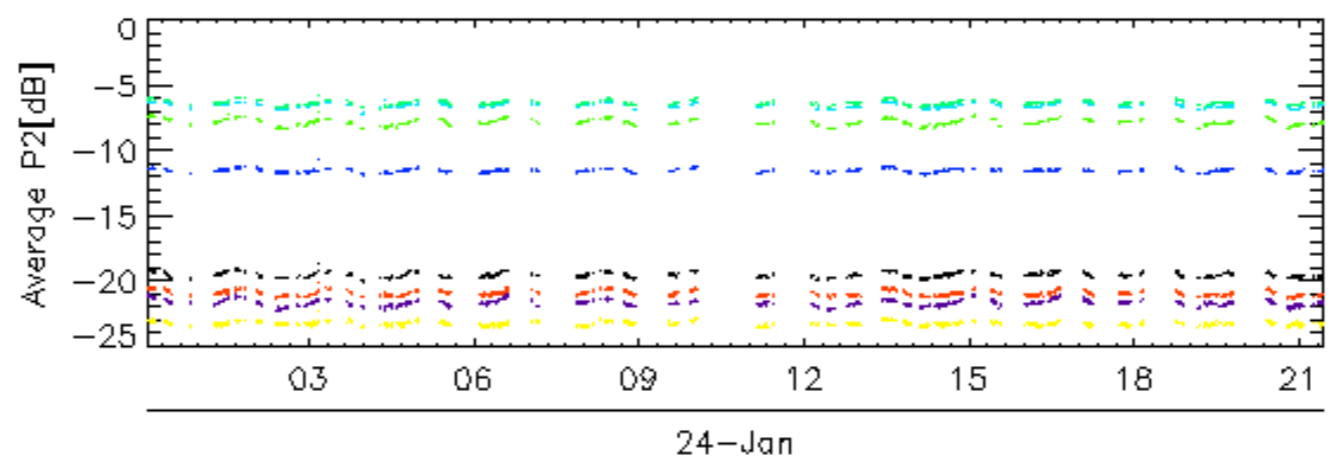
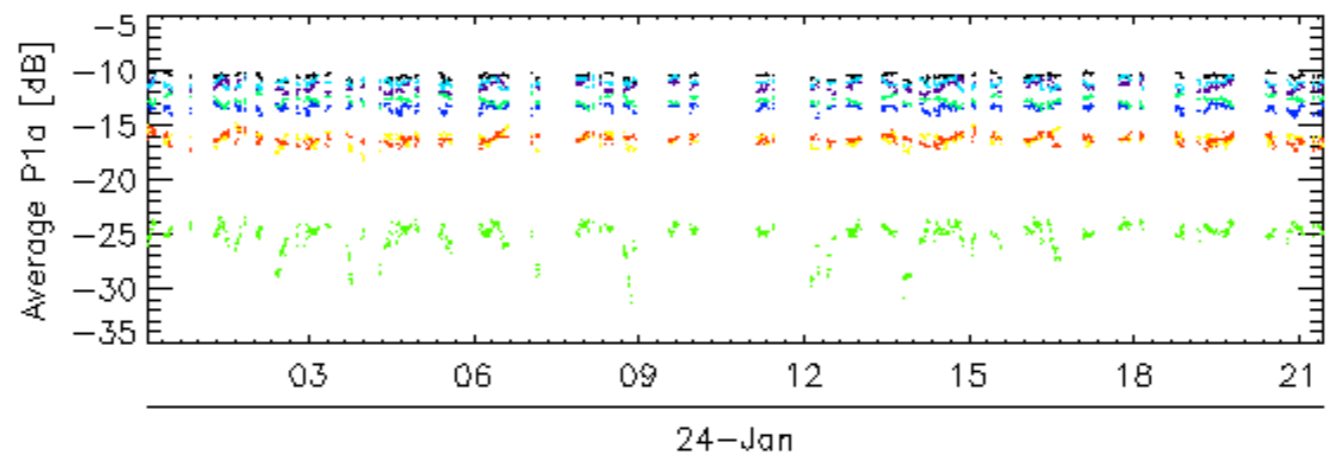
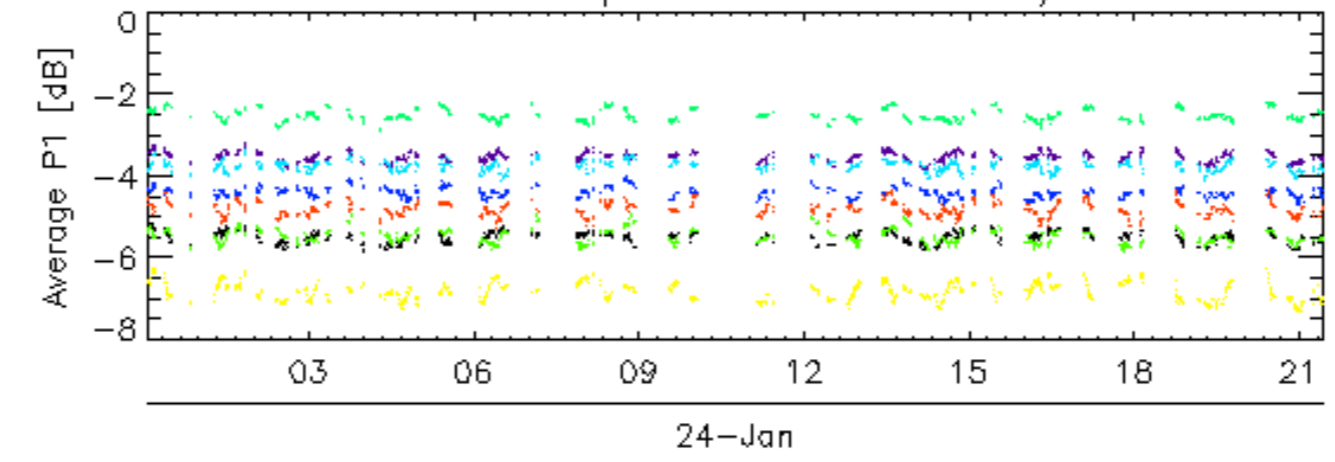
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20110124_001336_000004653098_00404_46539_4013.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_003533_000003753098_00404_46539_4014.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_004103_000005093098_00404_46539_4037.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_005252_000009293098_00404_46539_4031.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_013417_000001643098_00405_46540_4044.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_014643_000001193098_00405_46540_4042.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_015229_000005553098_00405_46540_4040.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_021715_000000443098_00405_46540_4038.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_021715_000003453098_00405_46540_4065.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_023655_000002543098_00406_46541_4062.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_032343_000005693098_00406_46541_4060.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_033243_000003003098_00406_46541_4081.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_033952_000001203098_00406_46541_4079.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_040133_000009293098_00406_46541_4077.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_041923_000000893098_00407_46542_4074.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_050056_000008993098_00407_46542_4072.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_051541_000003003098_00407_46542_4096.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_053549_000016043098_00407_46542_4098.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_064657_000005243098_00408_46543_4105.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110124_213030_000020393098_00417_46552_4201.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_221800_000003443098_00417_46552_4203.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_222300_000008393098_00417_46552_4216.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_225031_000001803098_00418_46553_4218.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_231004_000013193098_00418_46553_4220.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_233822_000003753098_00418_46553_4223.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDE20110124_235822_000003903098_00418_46553_4224.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_065527_000003303098_00408_46543_2247.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_071554_000020543098_00408_46543_2249.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110124_100351_000009893098_00410_46545_2316.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_103622_000019343098_00410_46545_2319.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_113621_000015893098_00411_46546_2344.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_121645_000005103098_00411_46546_2346.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_122940_000001043098_00411_46546_2348.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_123411_000007533098_00411_46546_2352.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110124_134109_000000453098_00412_46547_2391.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_135659_000005103098_00412_46547_2395.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110124_145428_000004643098_00413_46548_2433.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_150758_000009303098_00413_46548_2436.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_153809_000013643098_00413_46548_2439.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_164124_000013343098_00414_46549_2454.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_172218_000011843098_00414_46549_2456.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_181652_000016193098_00415_46550_2492.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_190218_000004203098_00415_46550_2493.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_191246_000001643098_00415_46550_2497.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_195216_000019193098_00416_46551_2530.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_203823_000000603098_00416_46551_2528.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK
ASA_WVS_1PNPDK20110124_204248_000002103098_00416_46551_2531.N1					OK	ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959	OK	OK

Calibration pulses for GM1 SS3 H/H



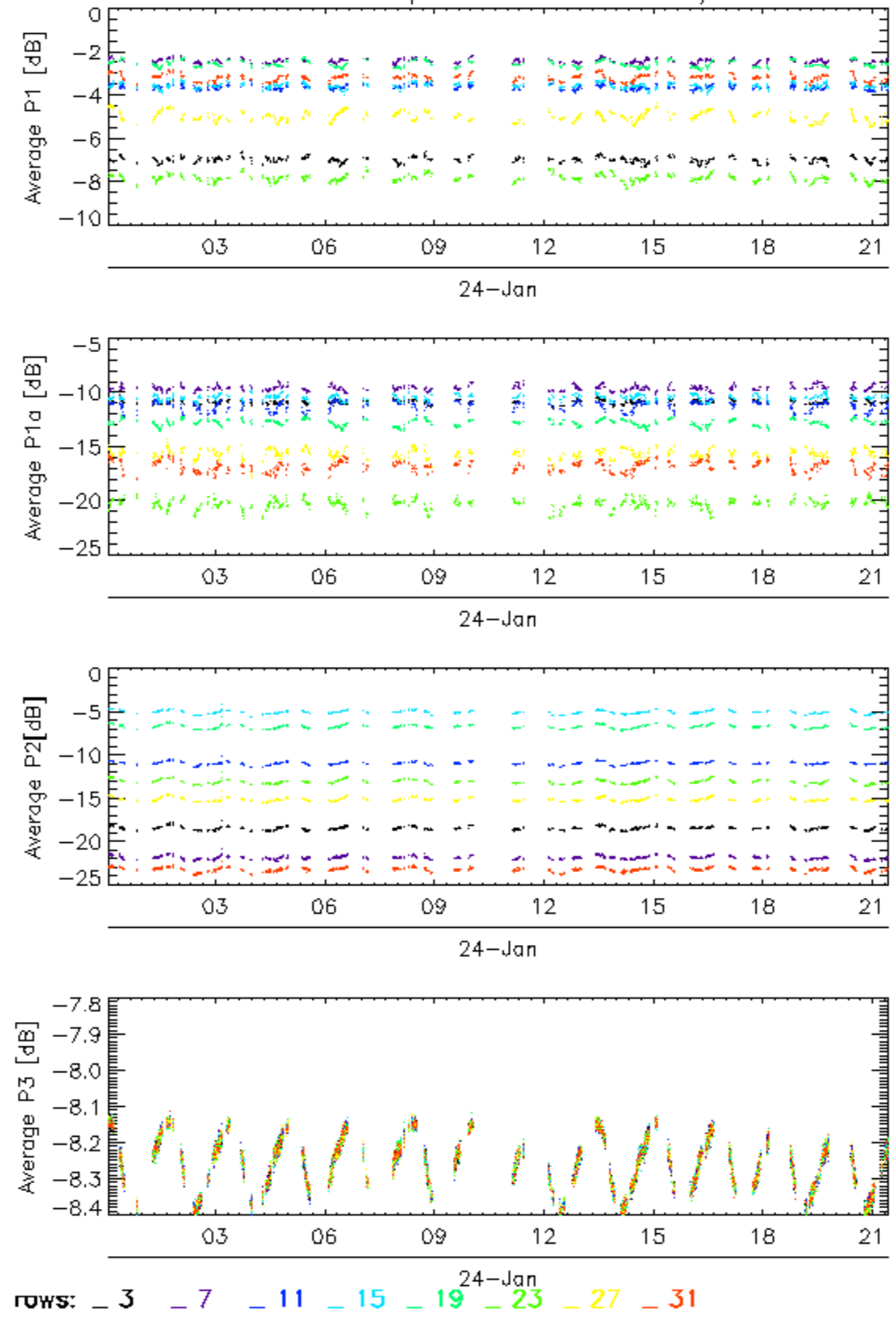
### Calibration pulses for GM1 SS3 H/H



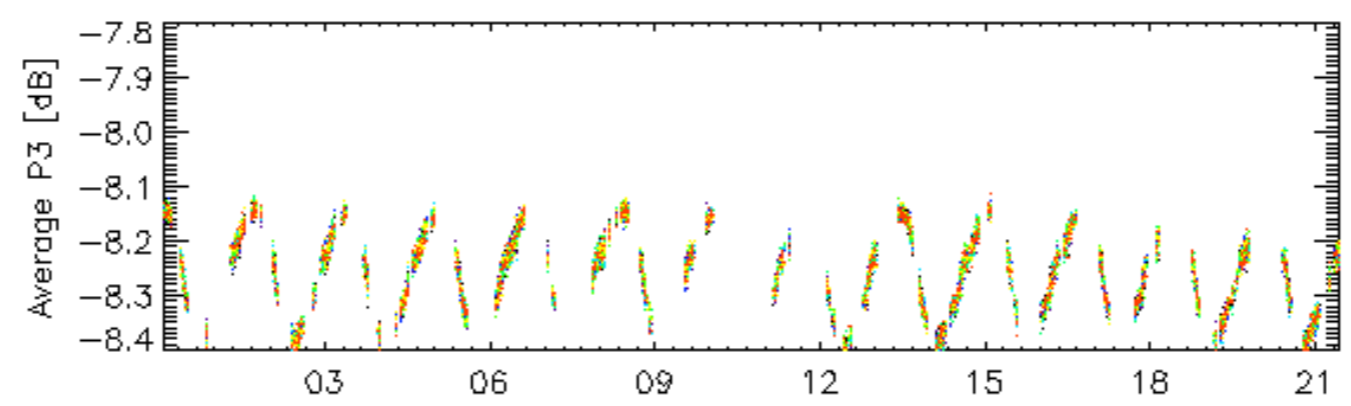
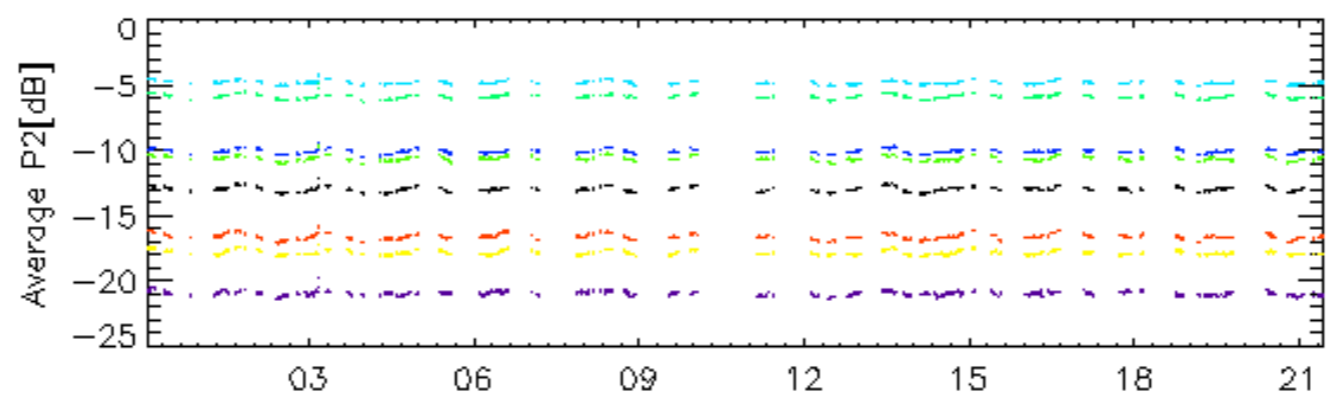
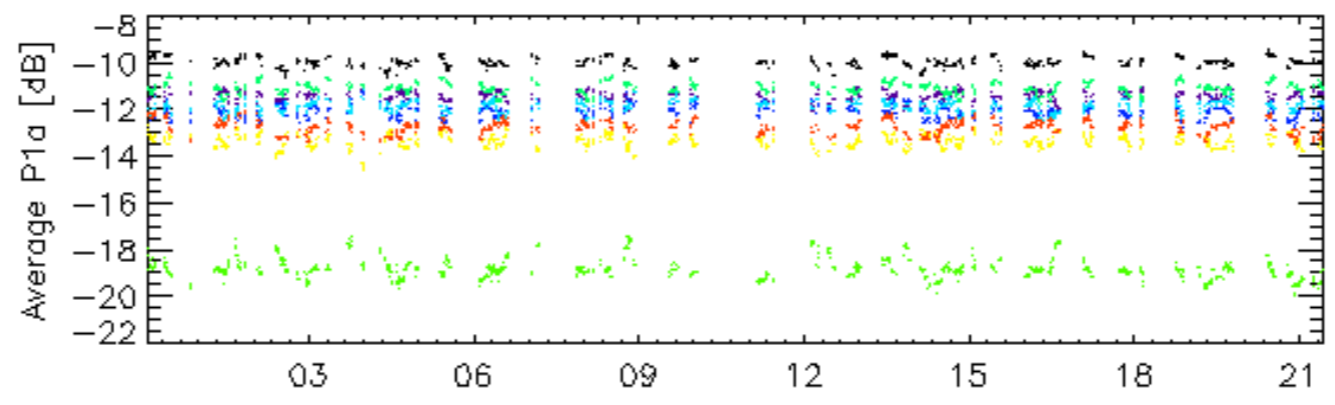
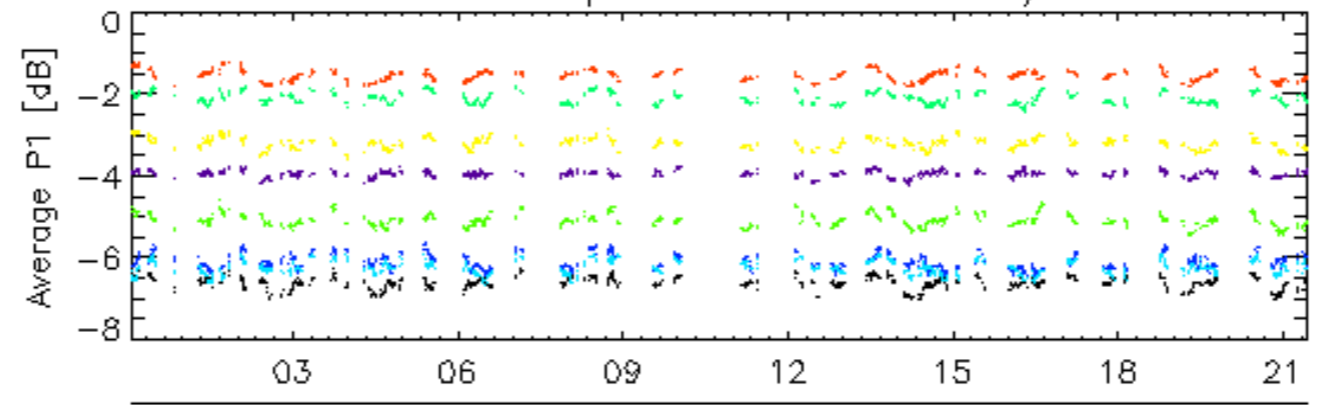
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Calibration pulses for GM1 SS3 H/H

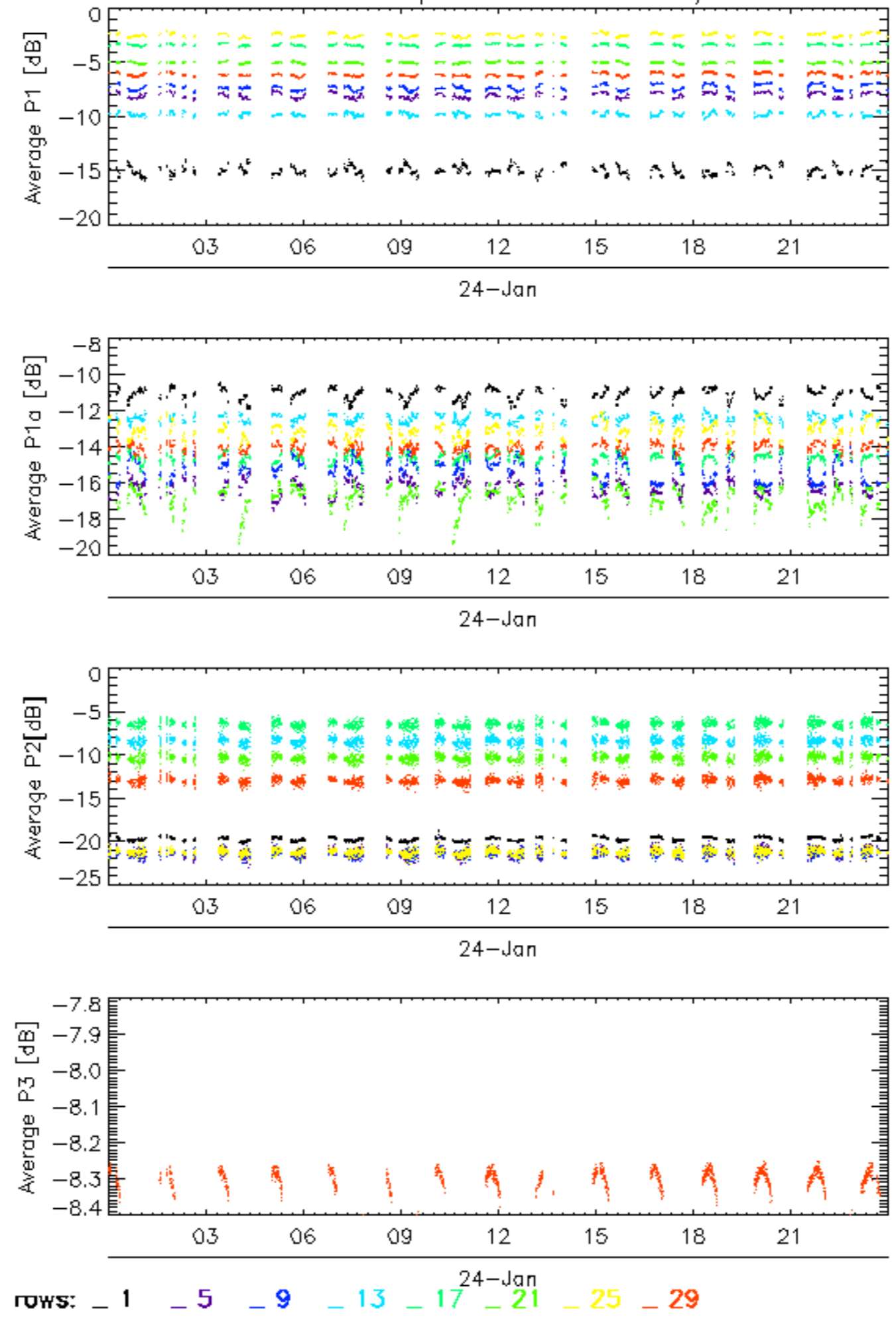


### Calibration pulses for GM1 SS3 H/H



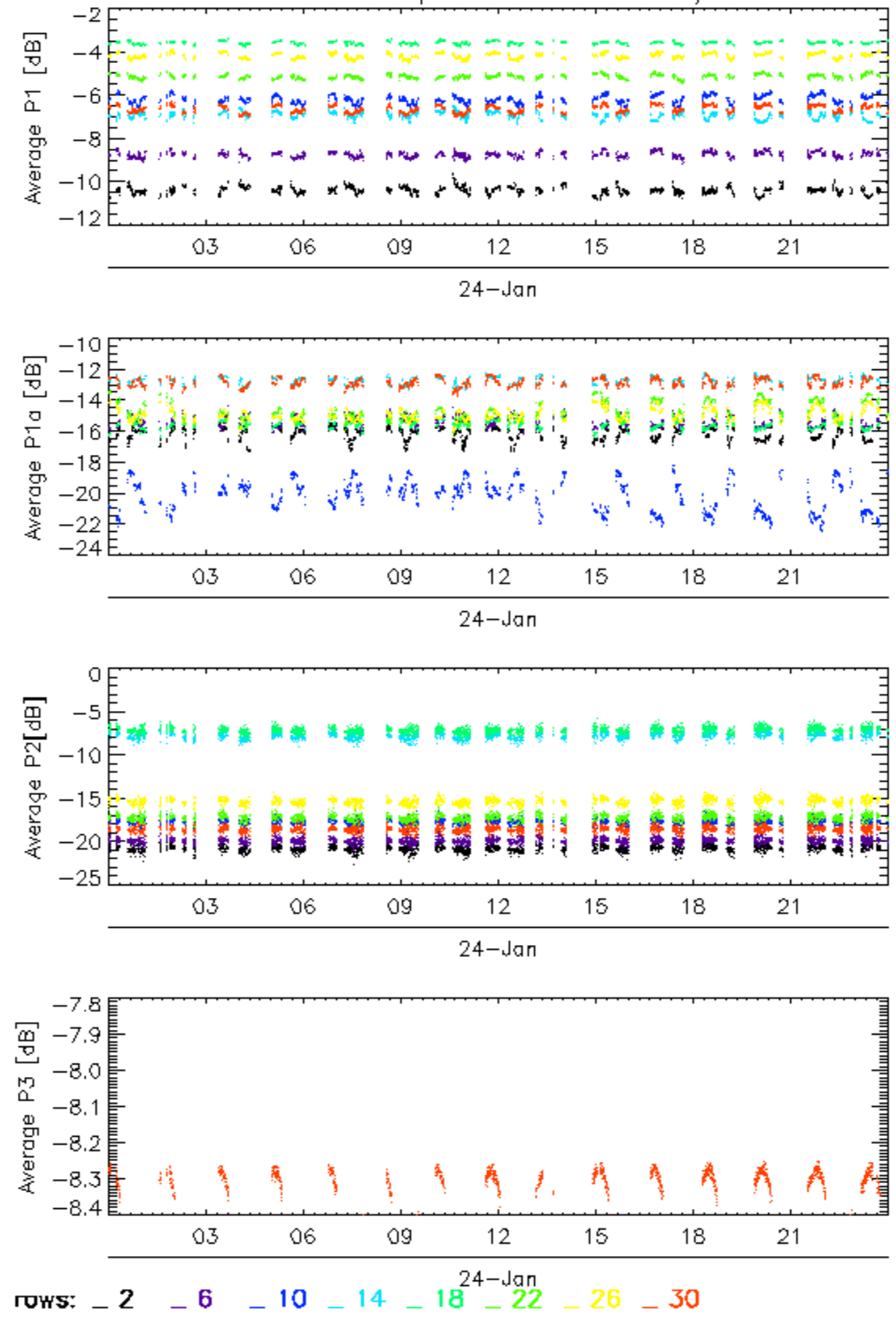
rows: \_ 4 \_ 8 \_ 12 \_ 16 \_ 20 \_ 24 \_ 28 \_ 32

### Calibration pulses for WVS IS2 V/V

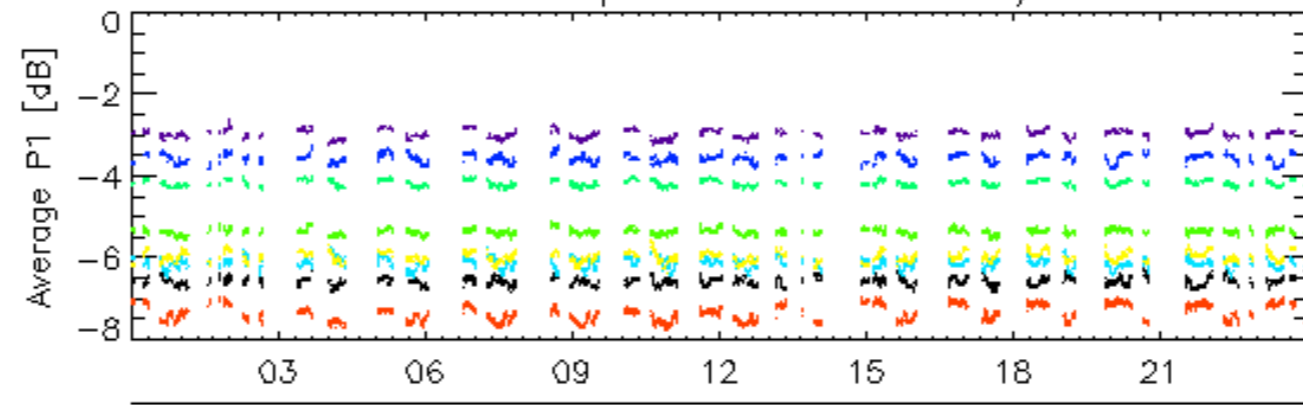




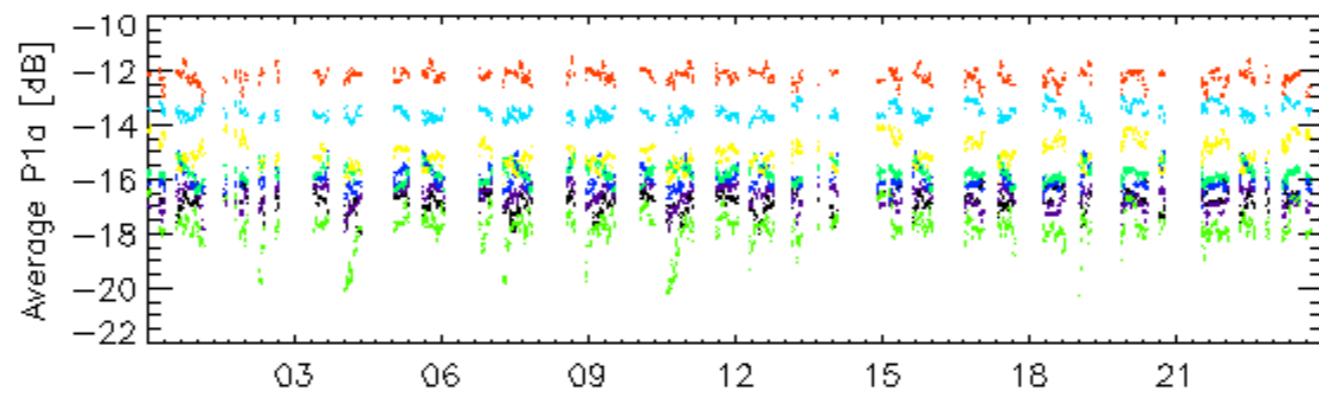
### Calibration pulses for WVS IS2 V/V



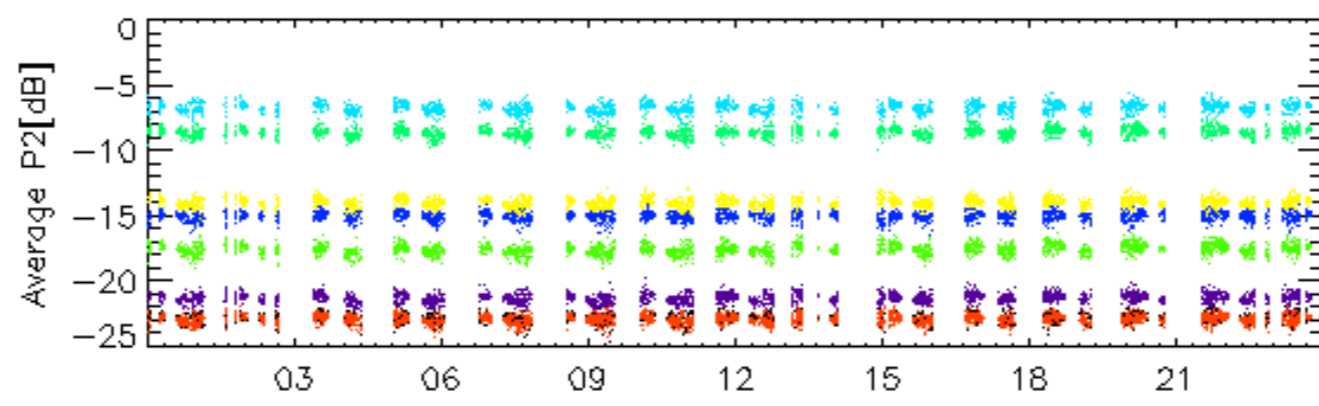
Calibration pulses for WVS IS2 V/V



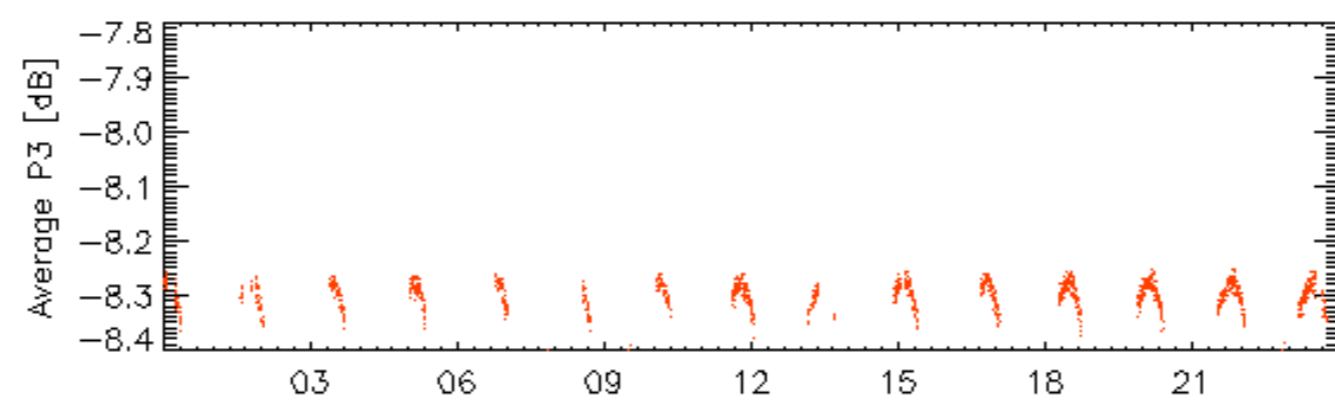
24-Jan



24-Jan



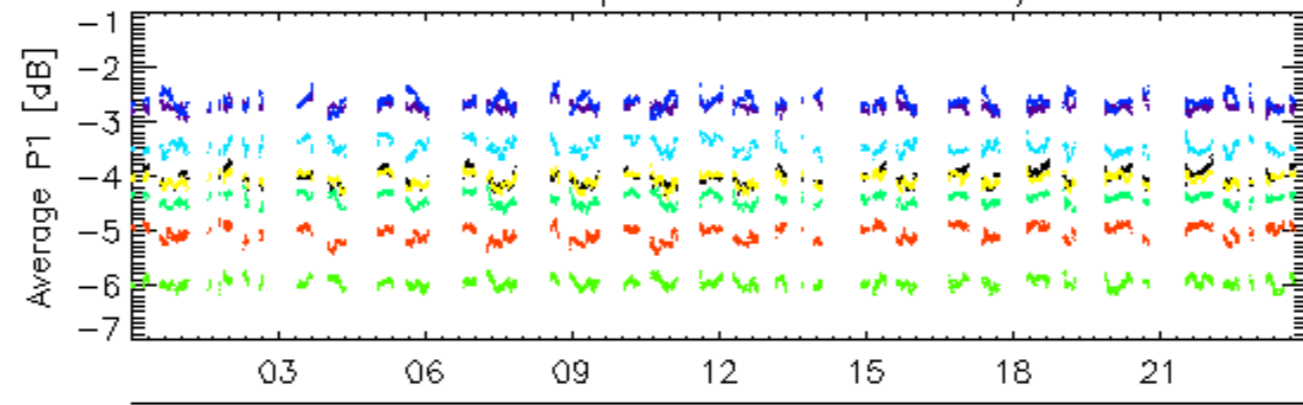
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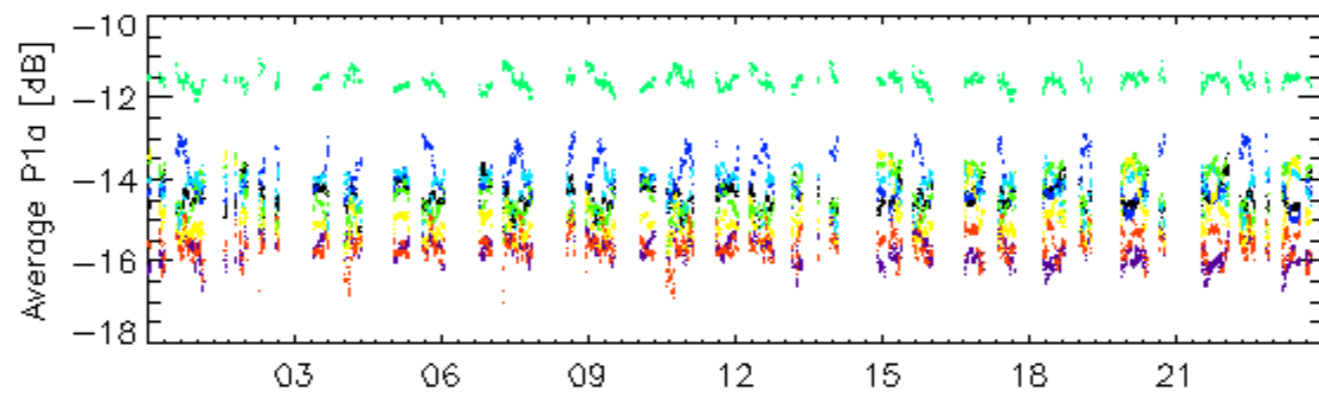
24-Jan

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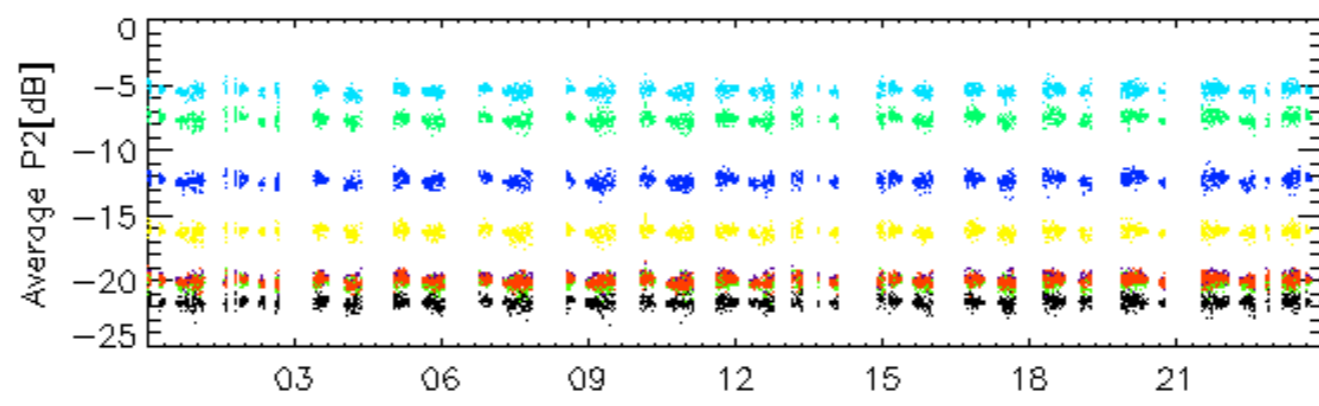
### Calibration pulses for WVS IS2 V/V



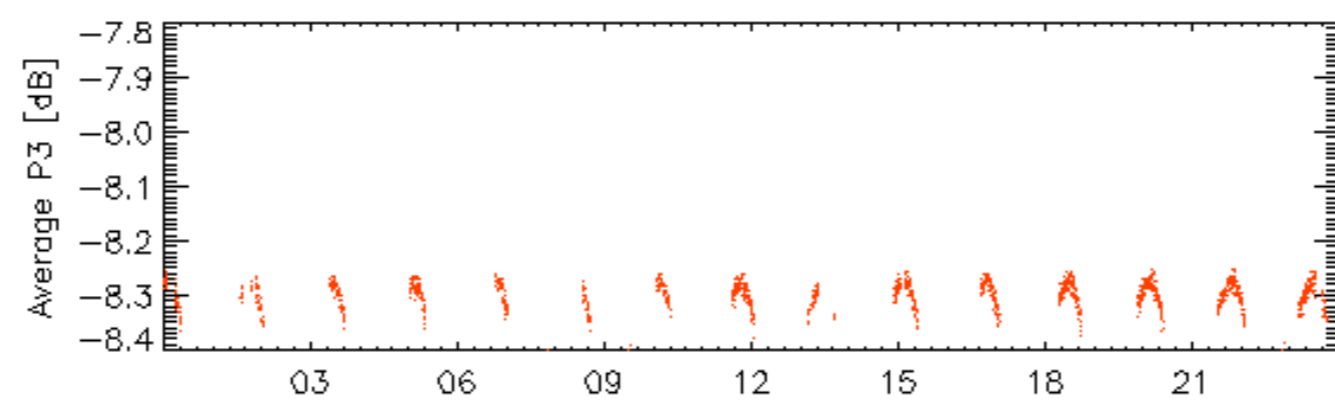
24-Jan



24-Jan



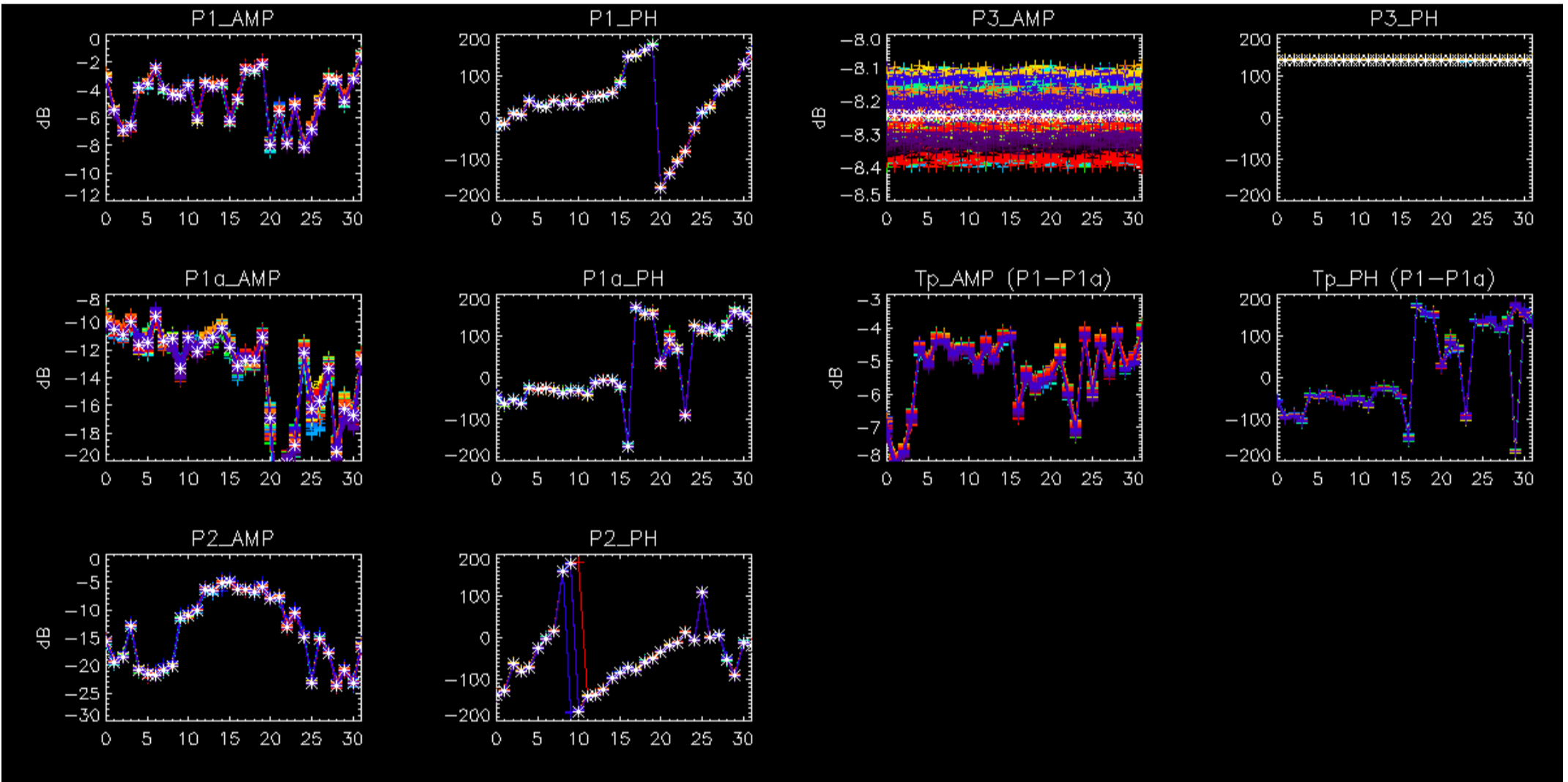
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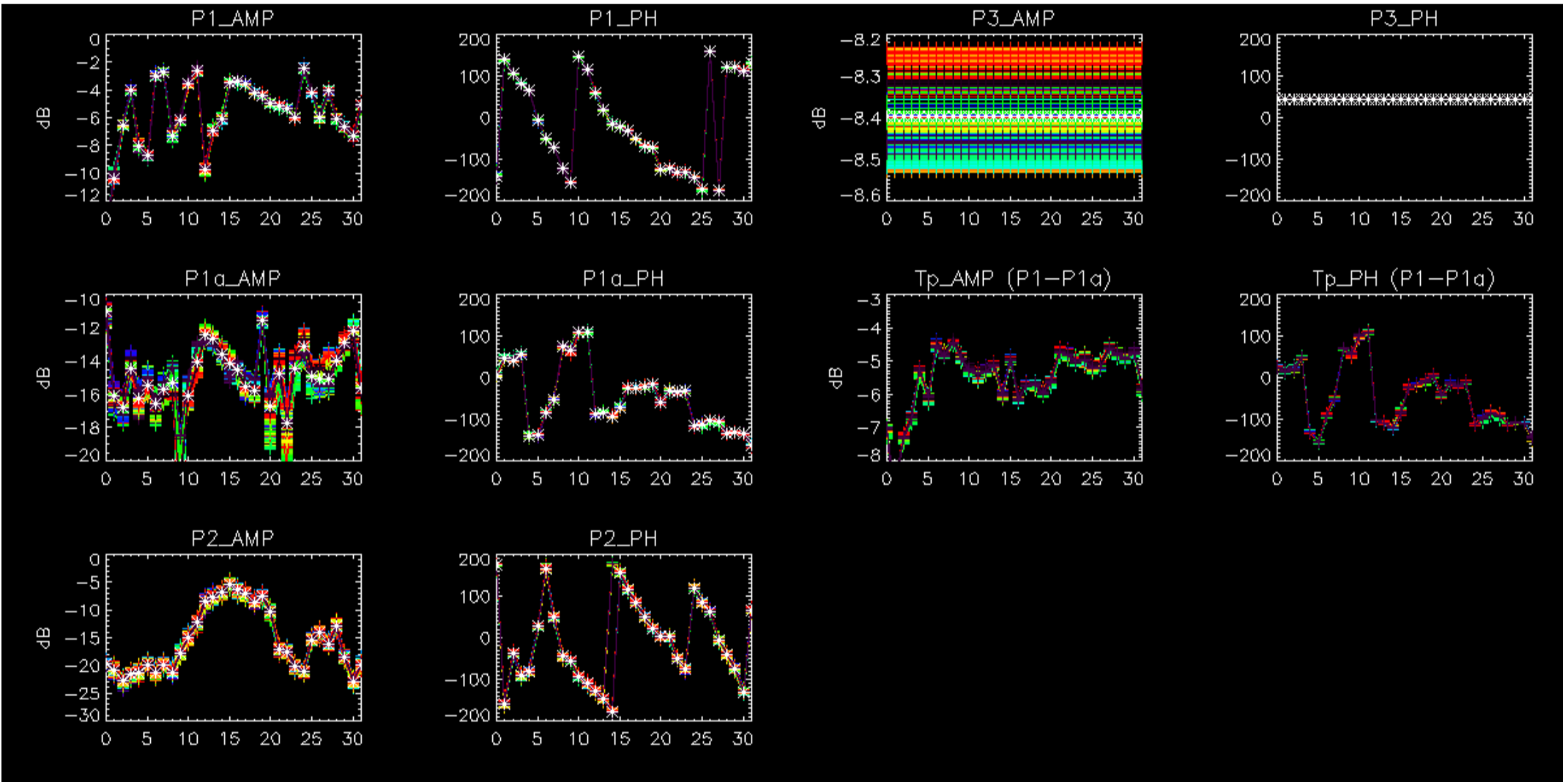


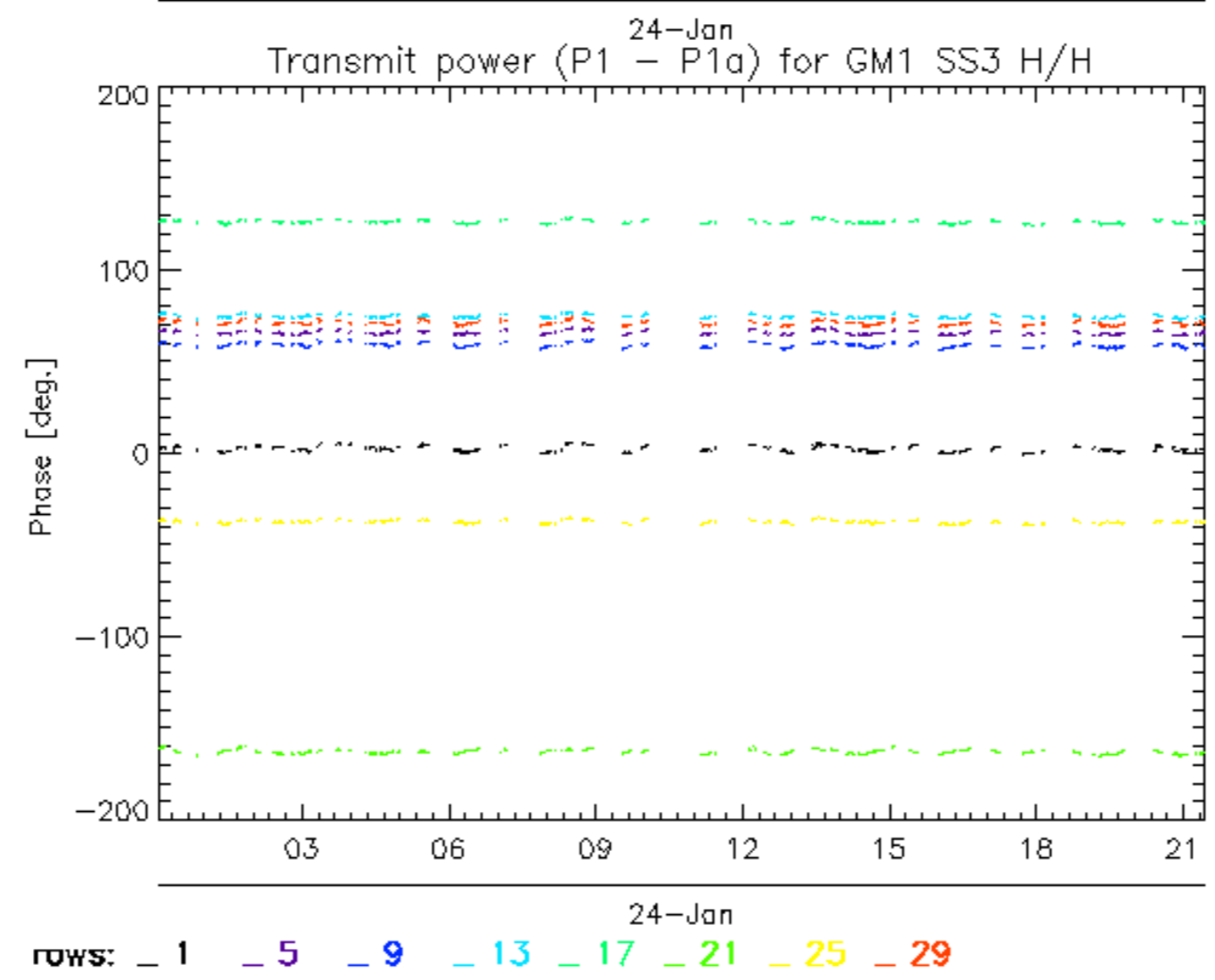
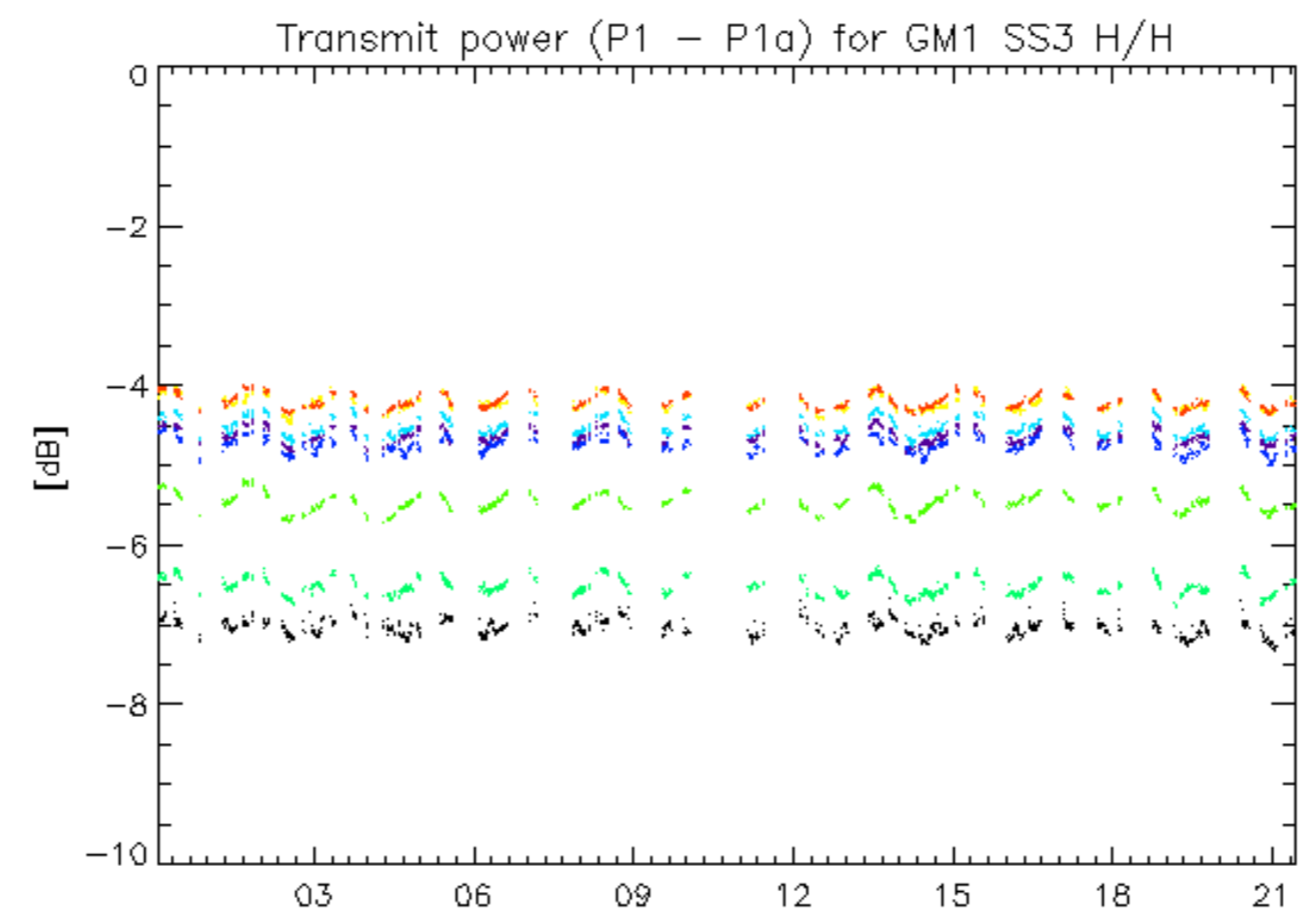
24-Jan

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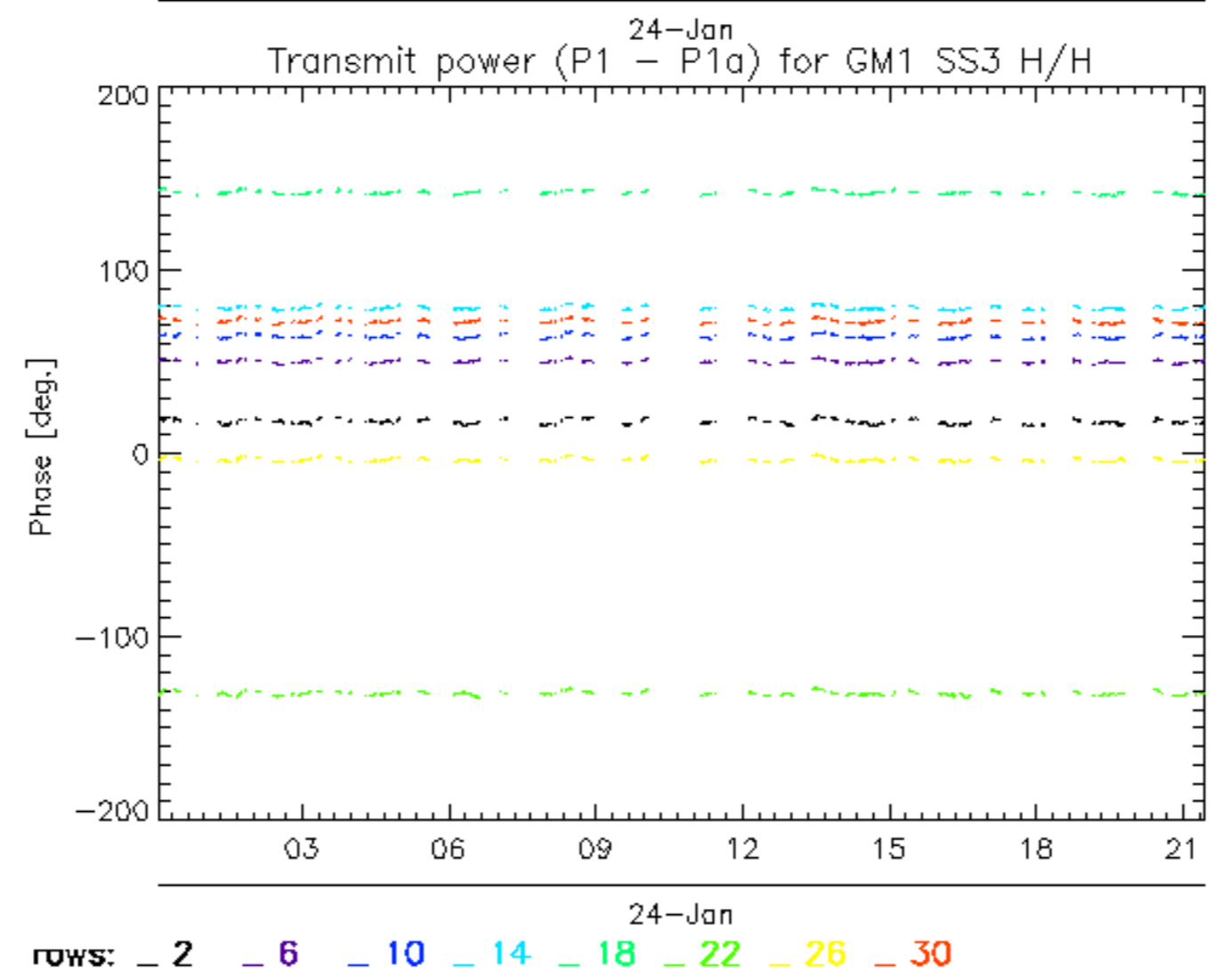
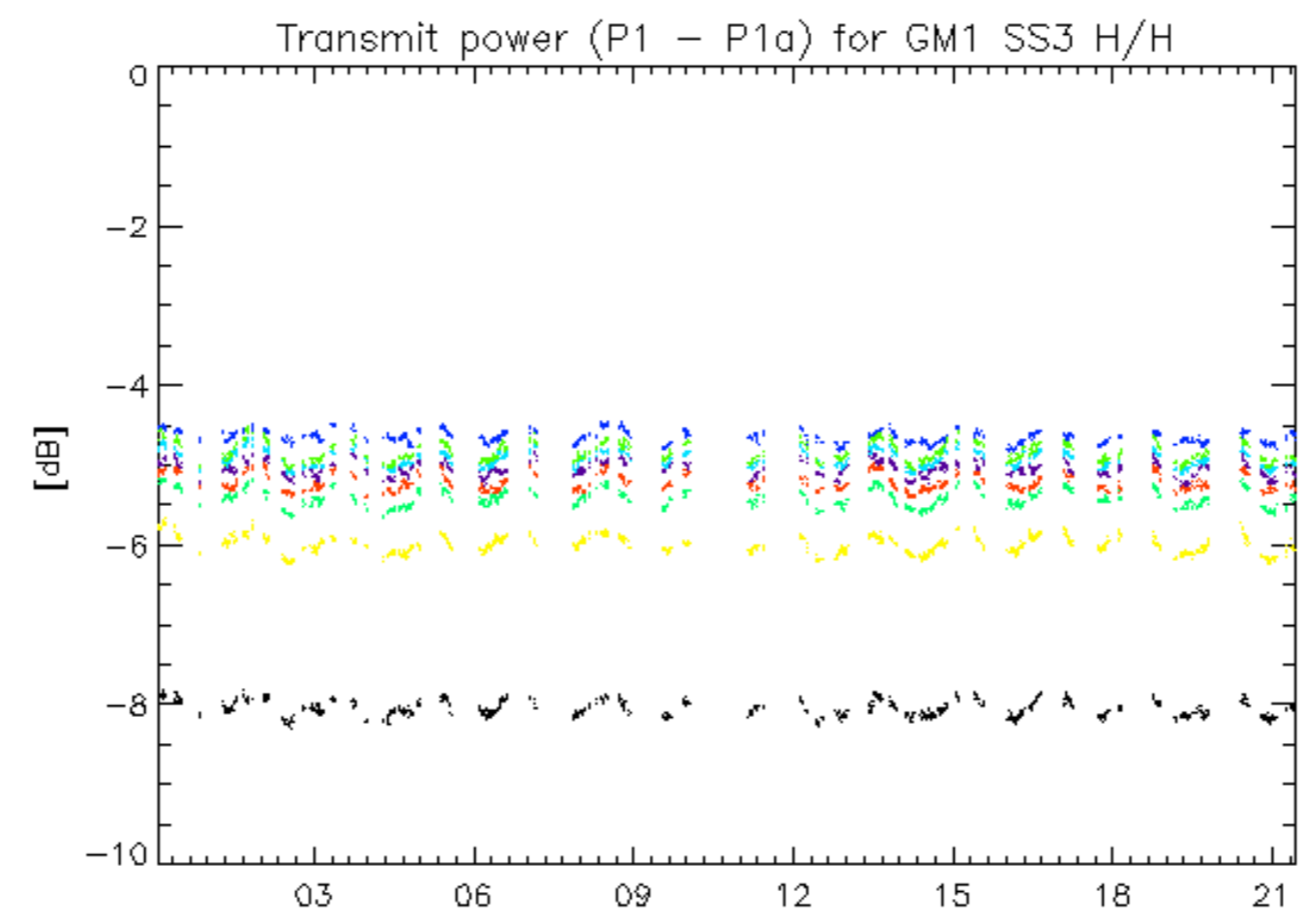


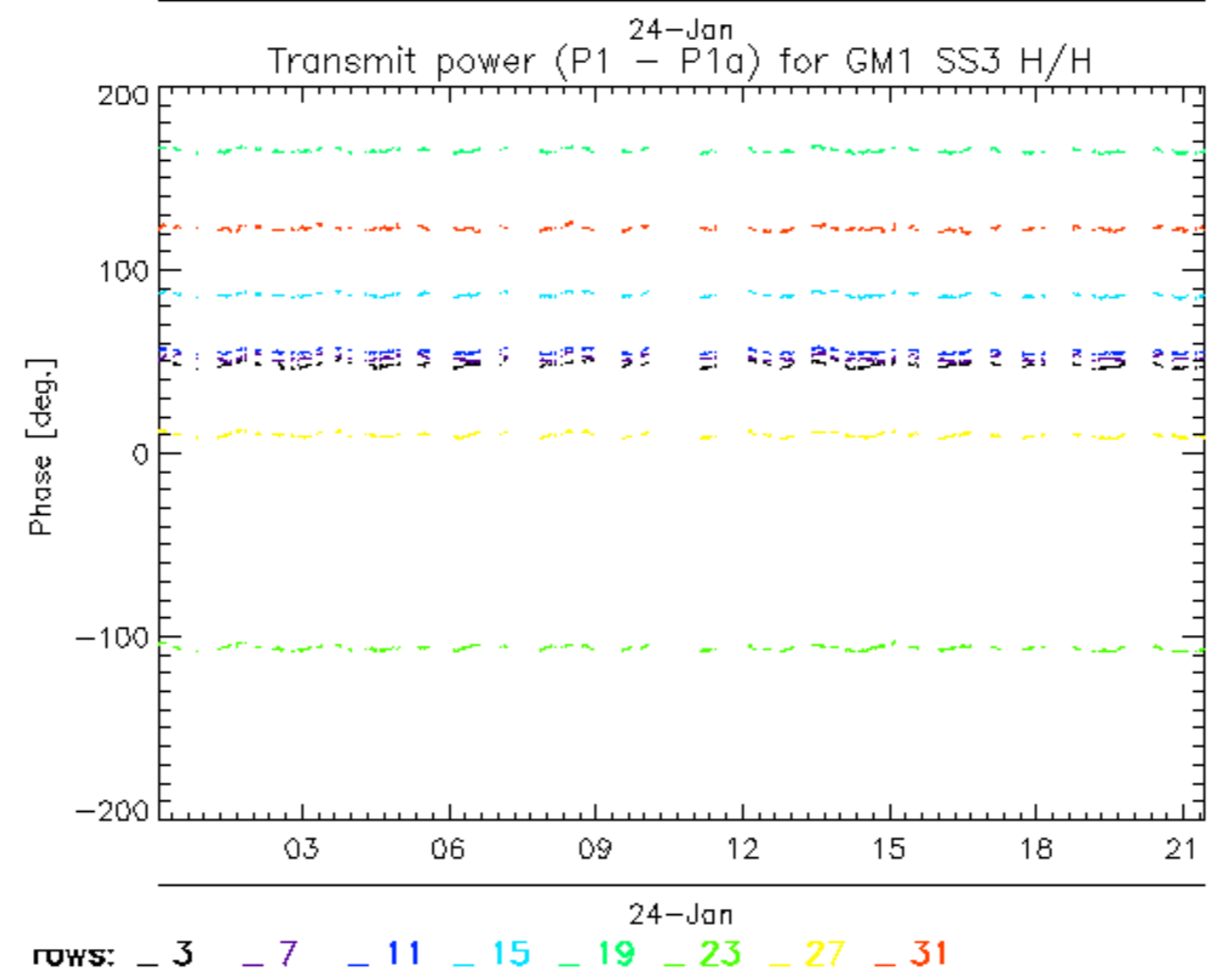
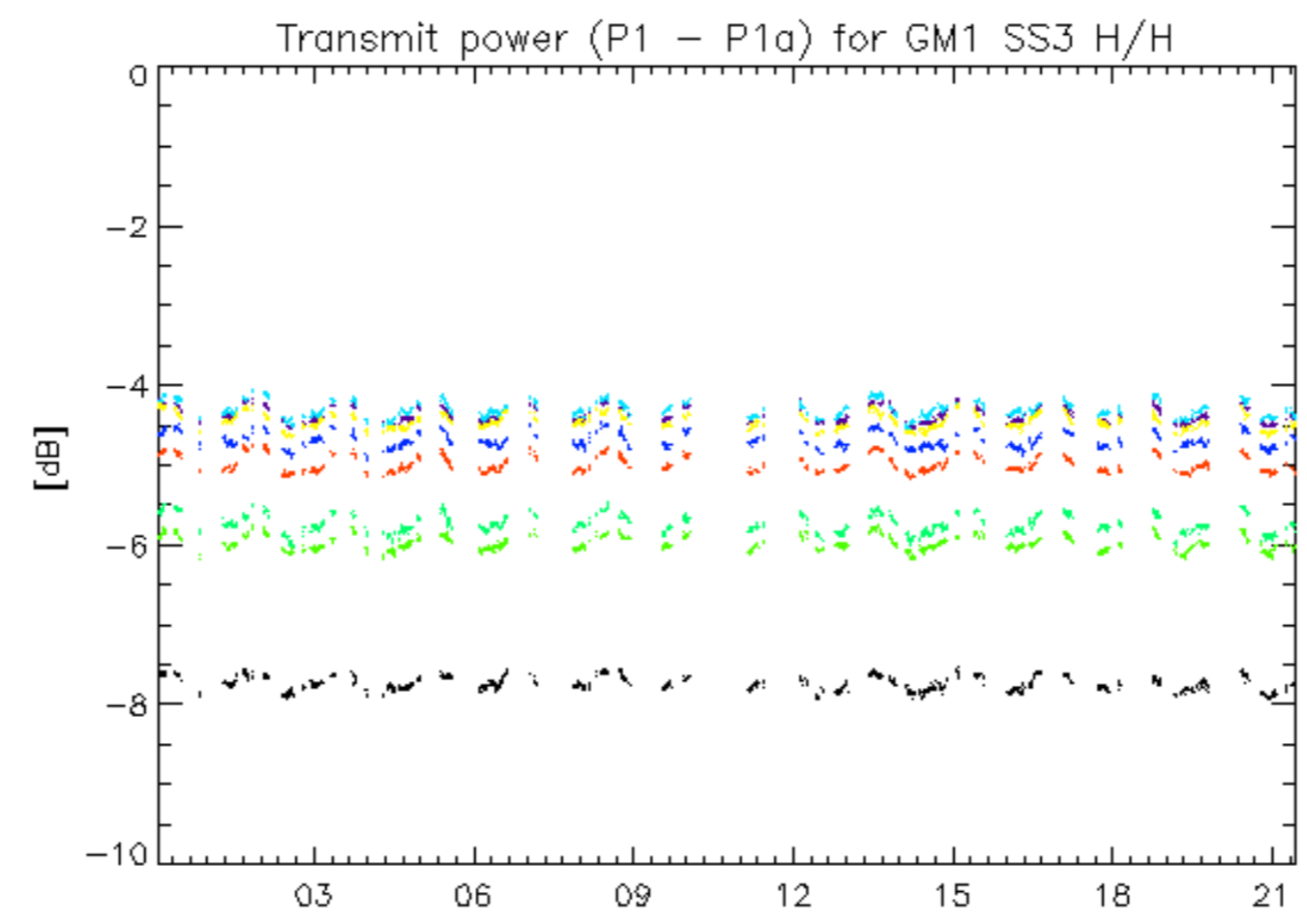


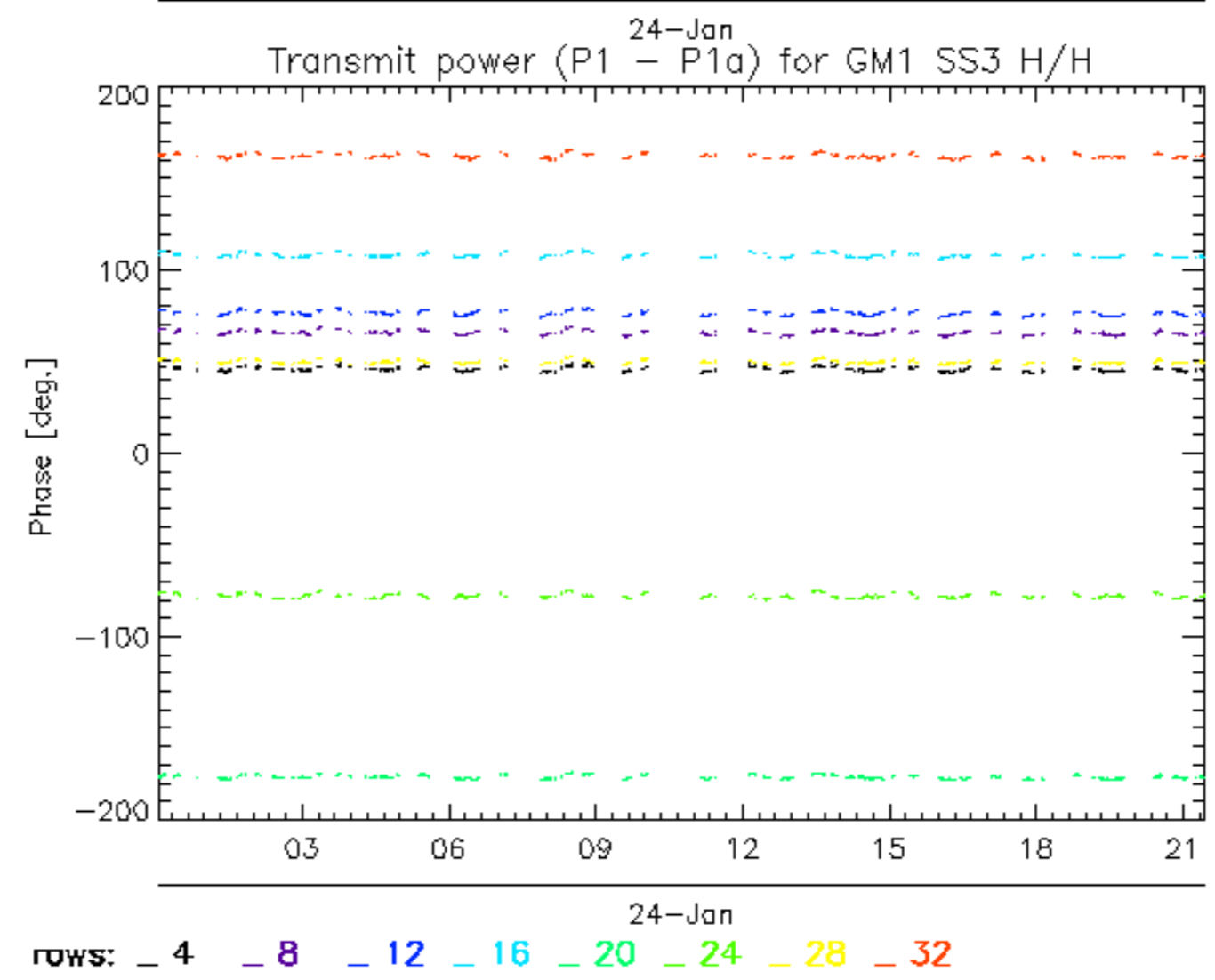
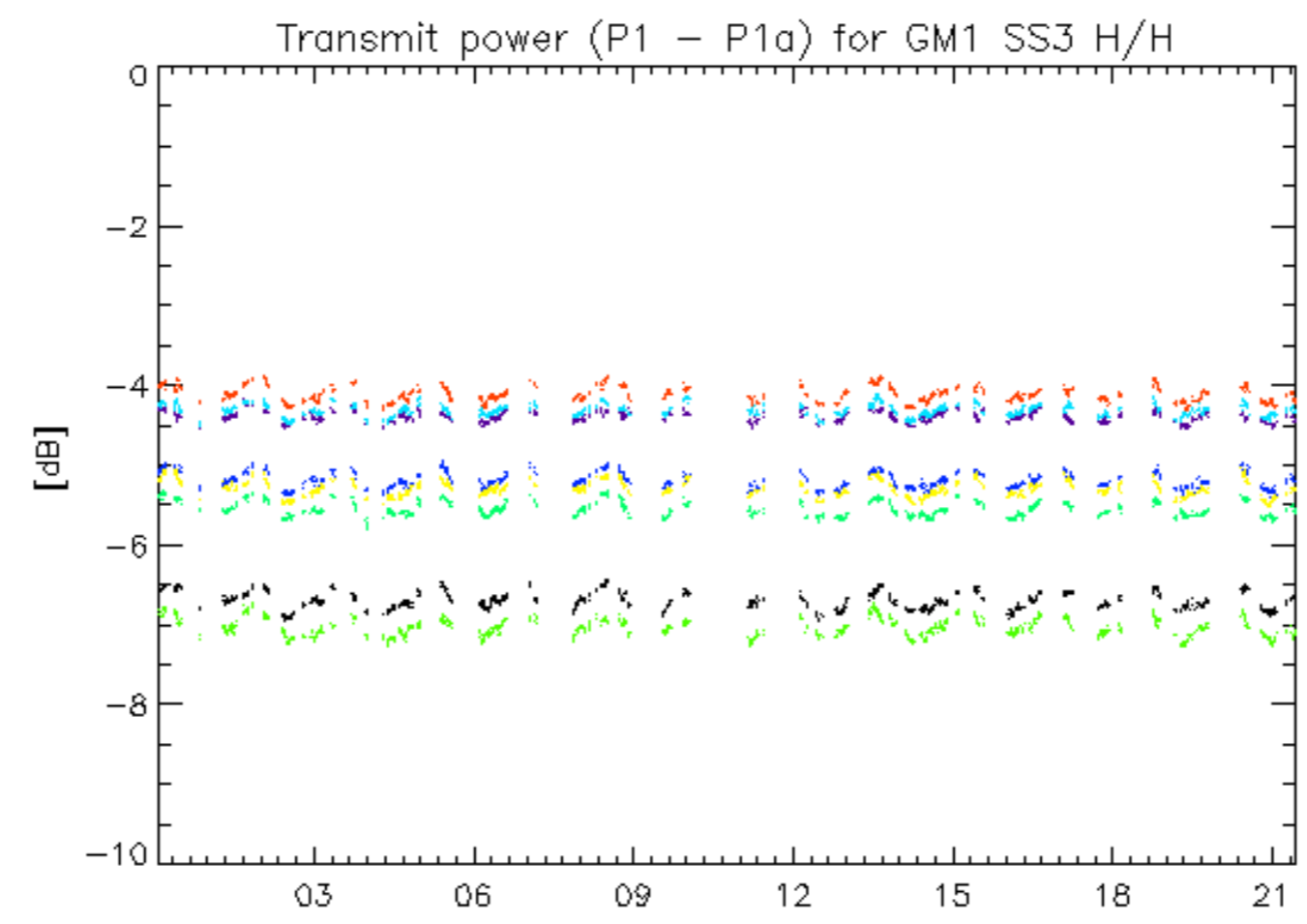




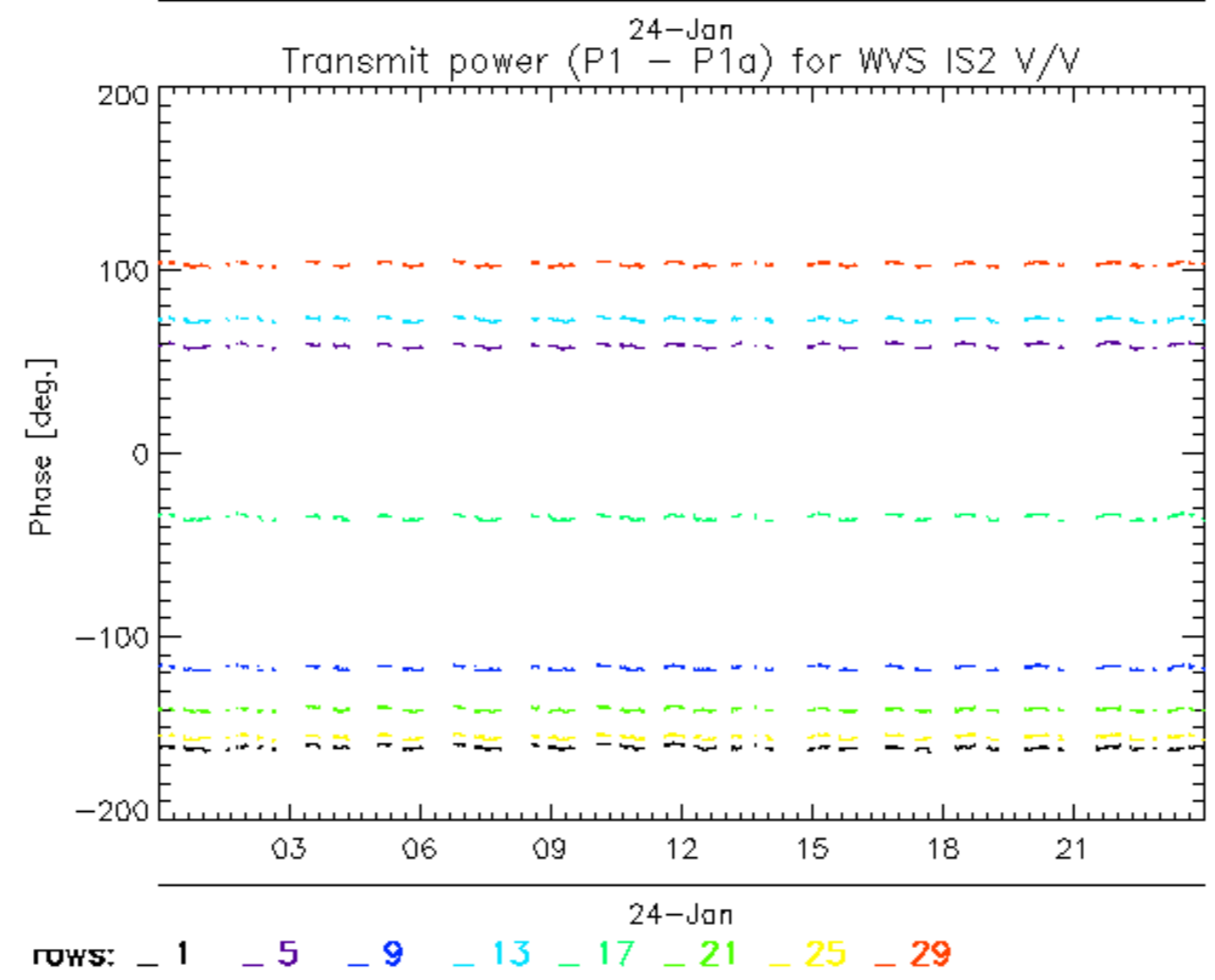
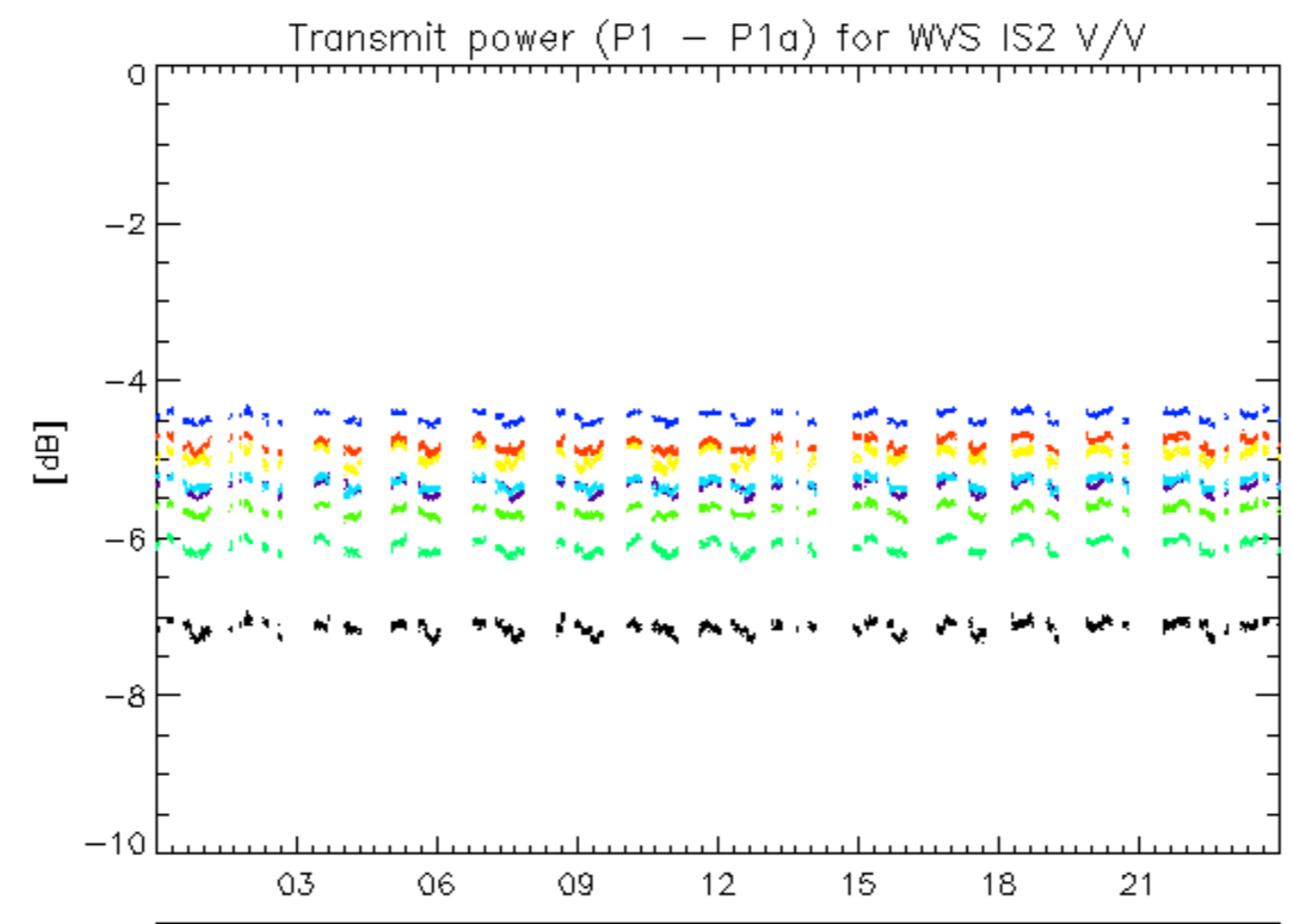


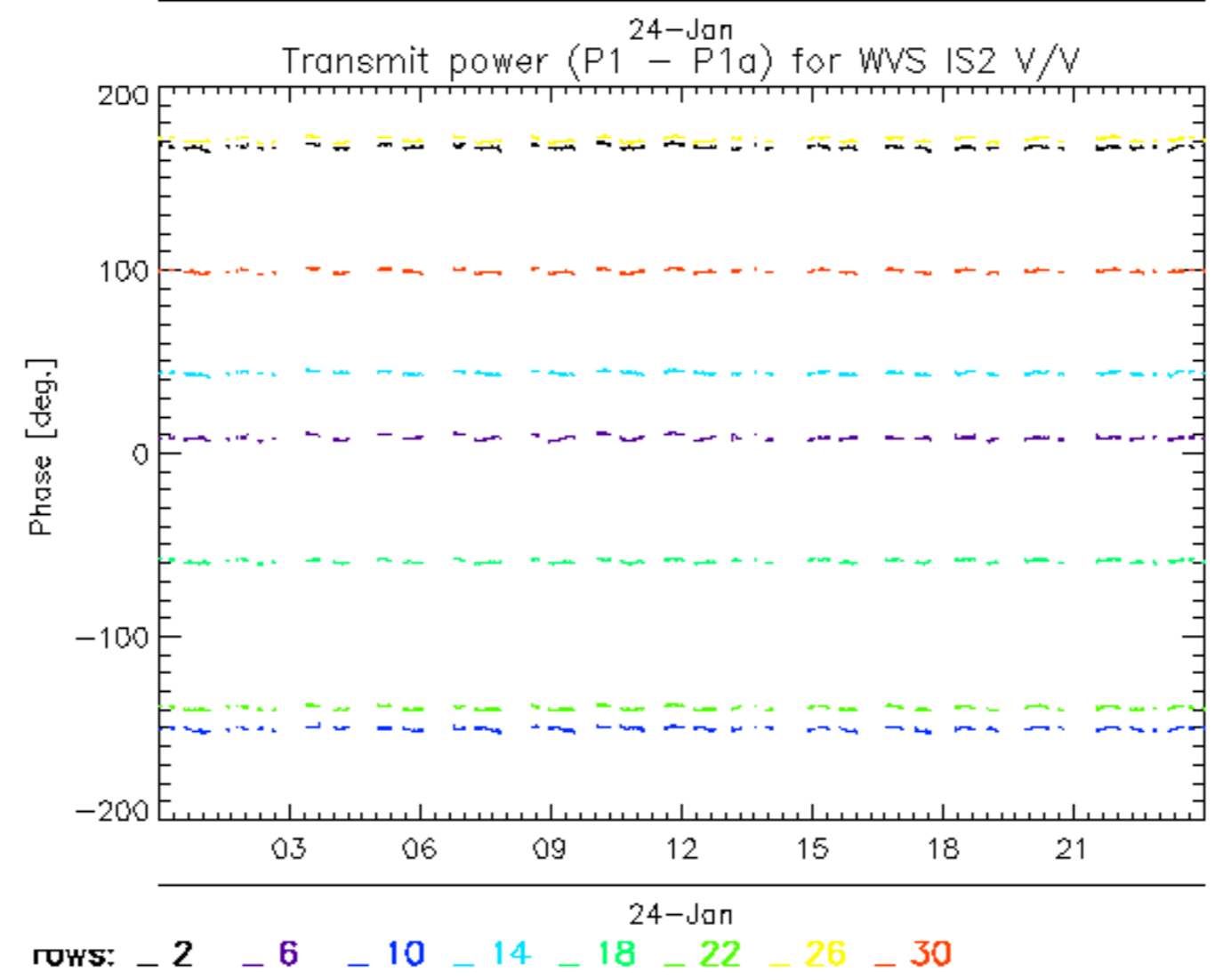
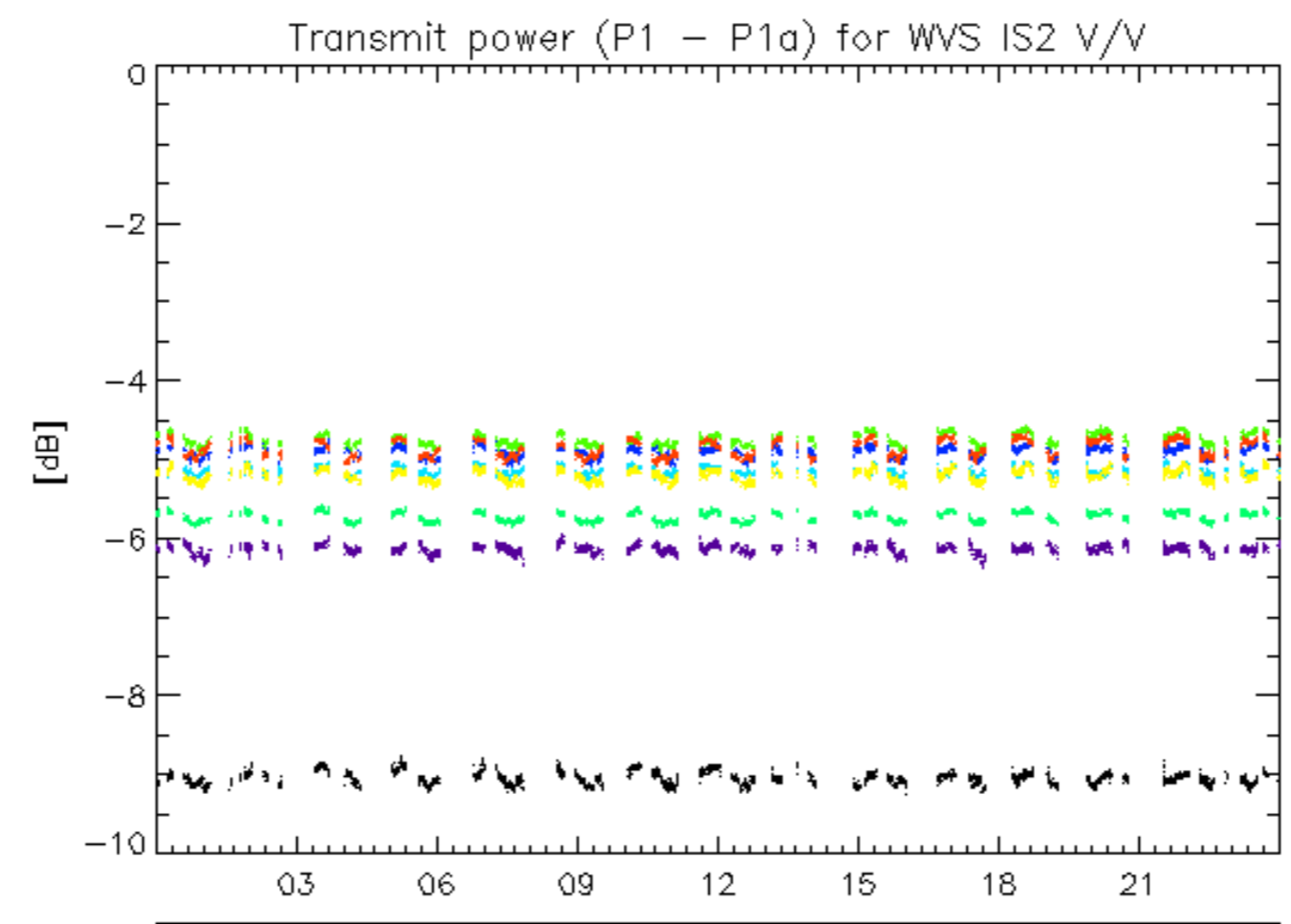


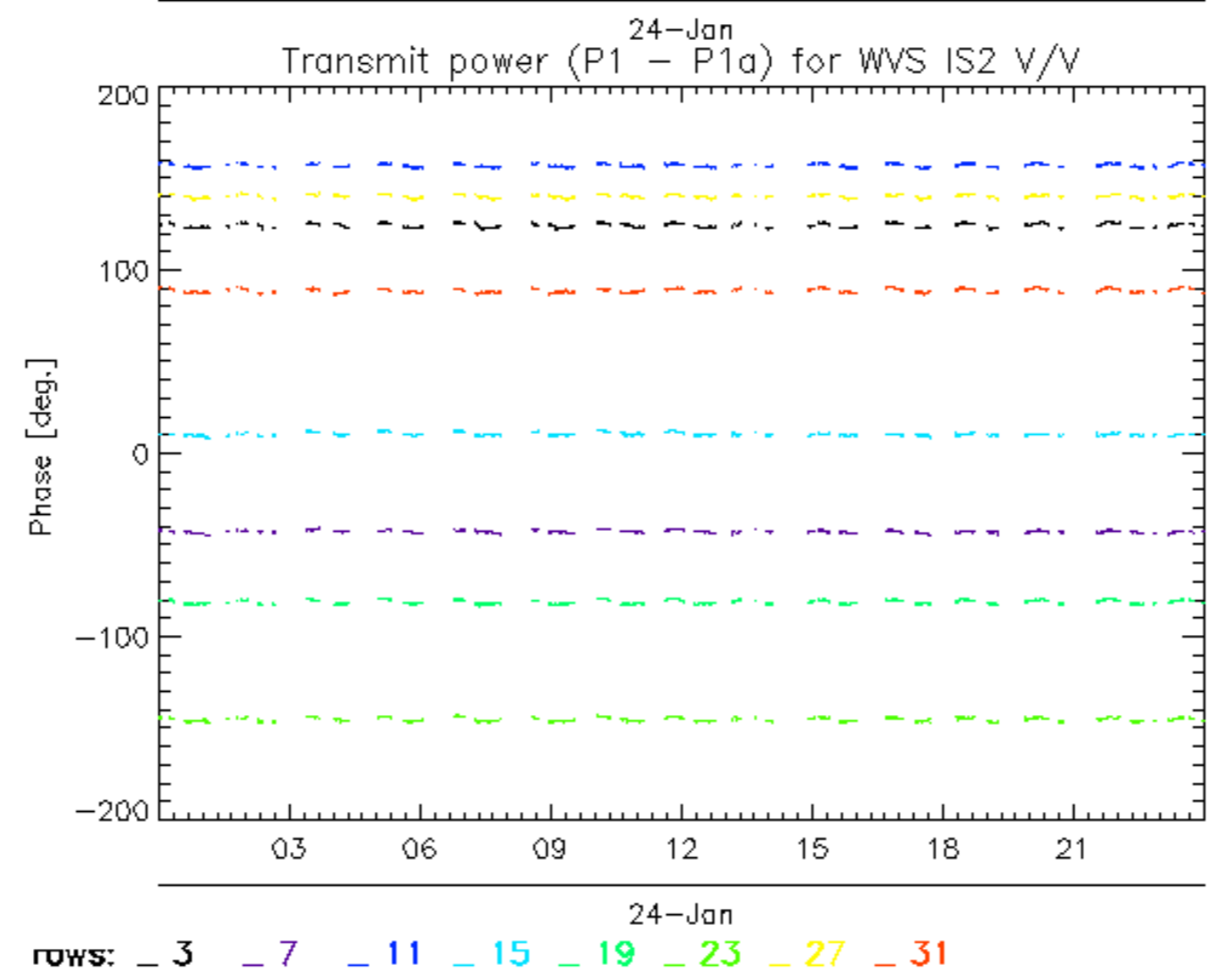
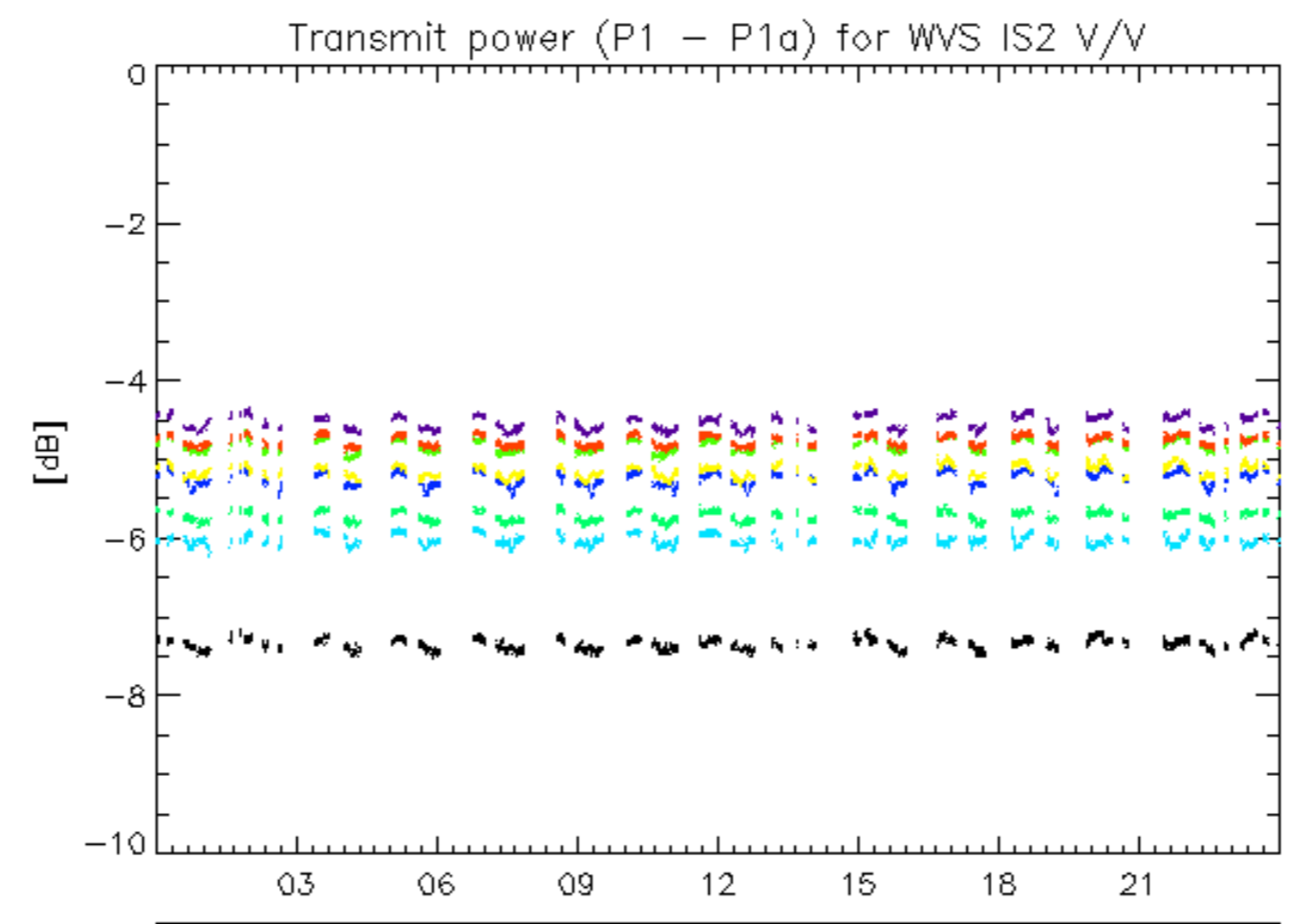


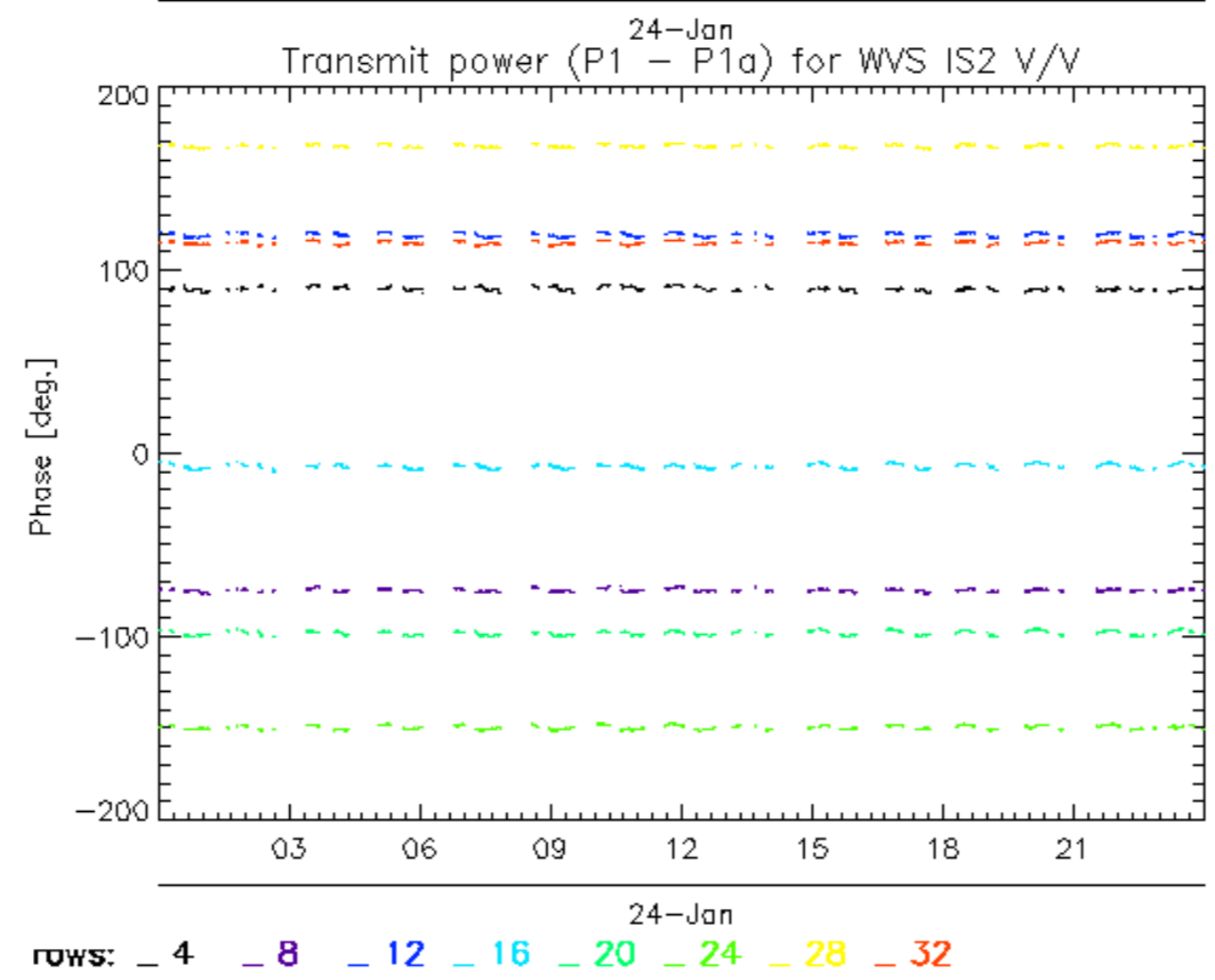
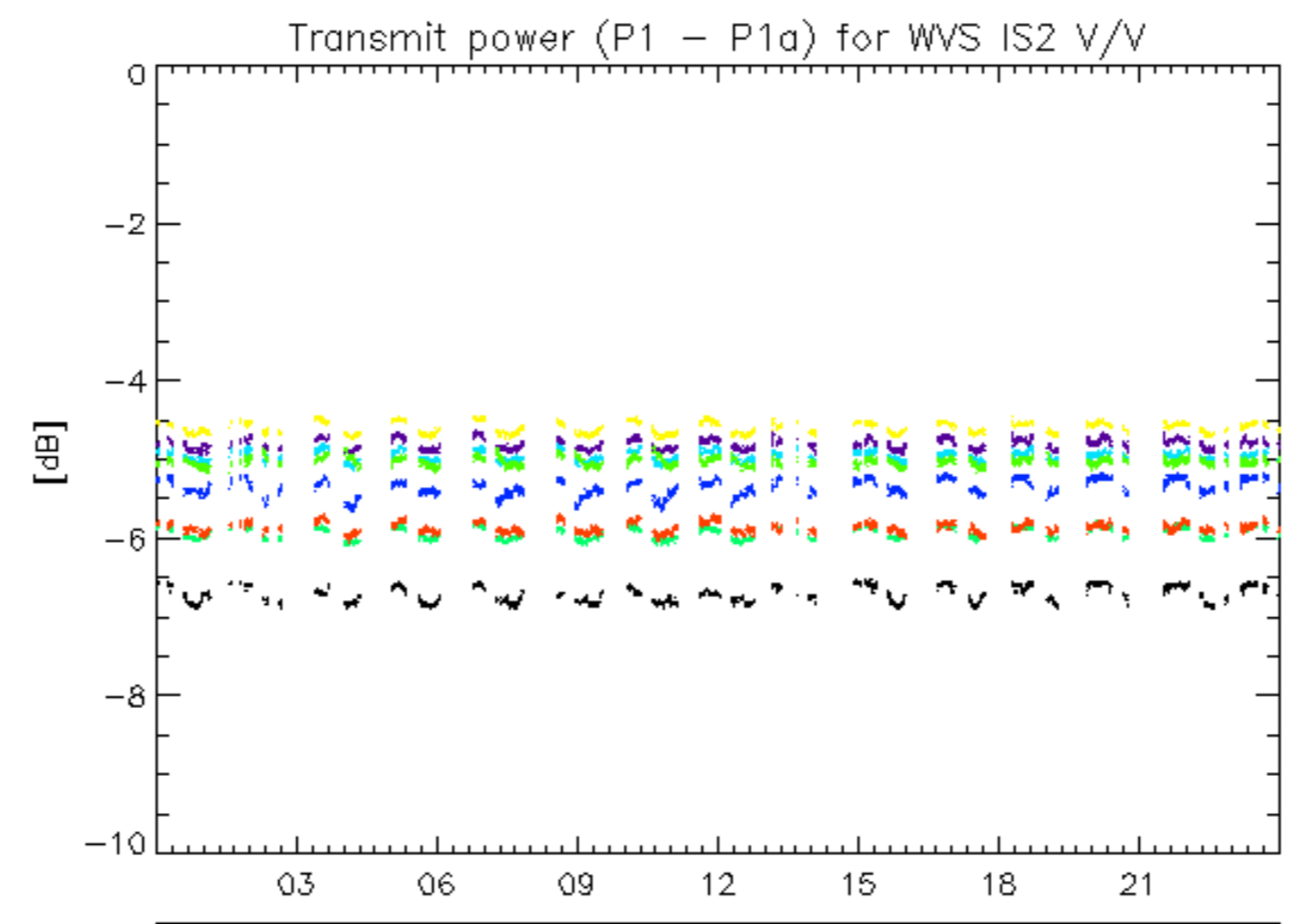




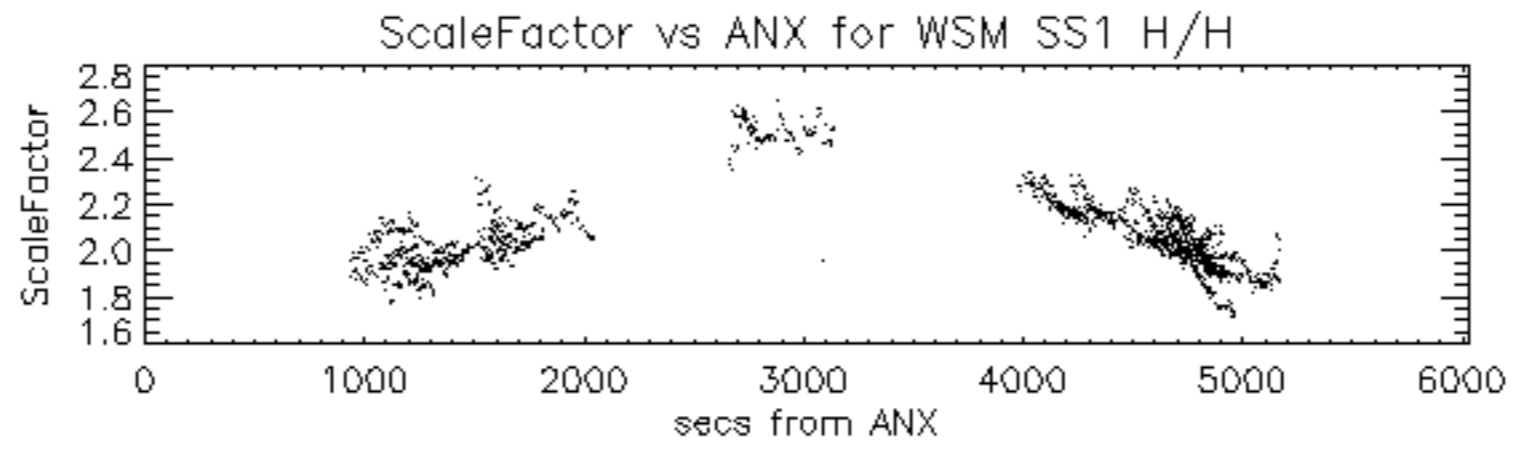


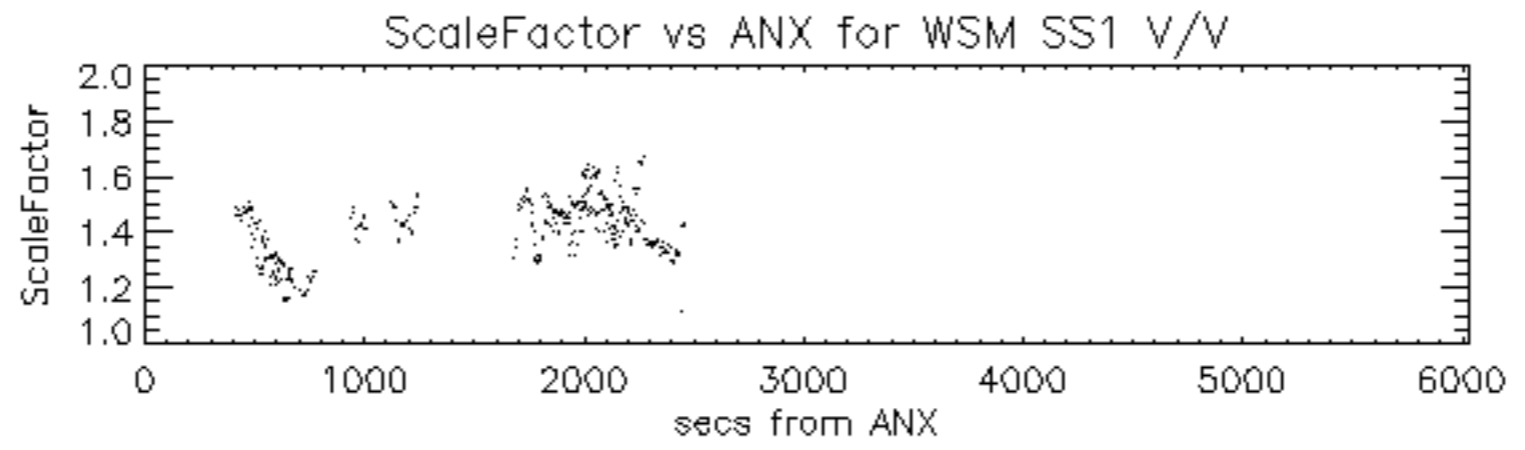


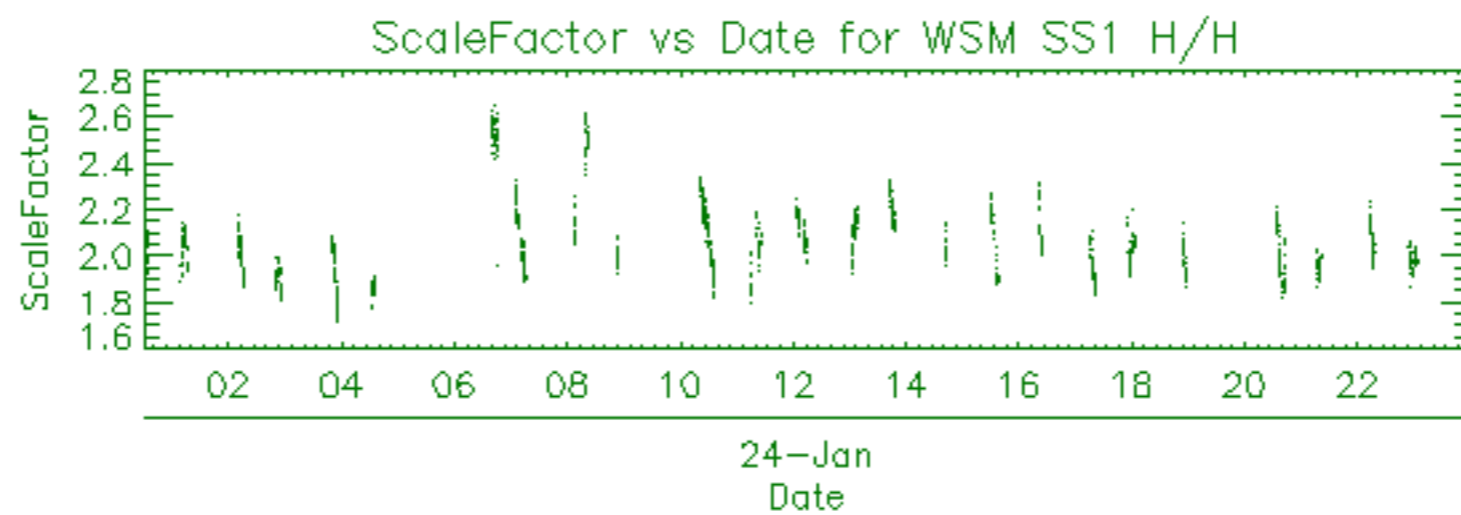


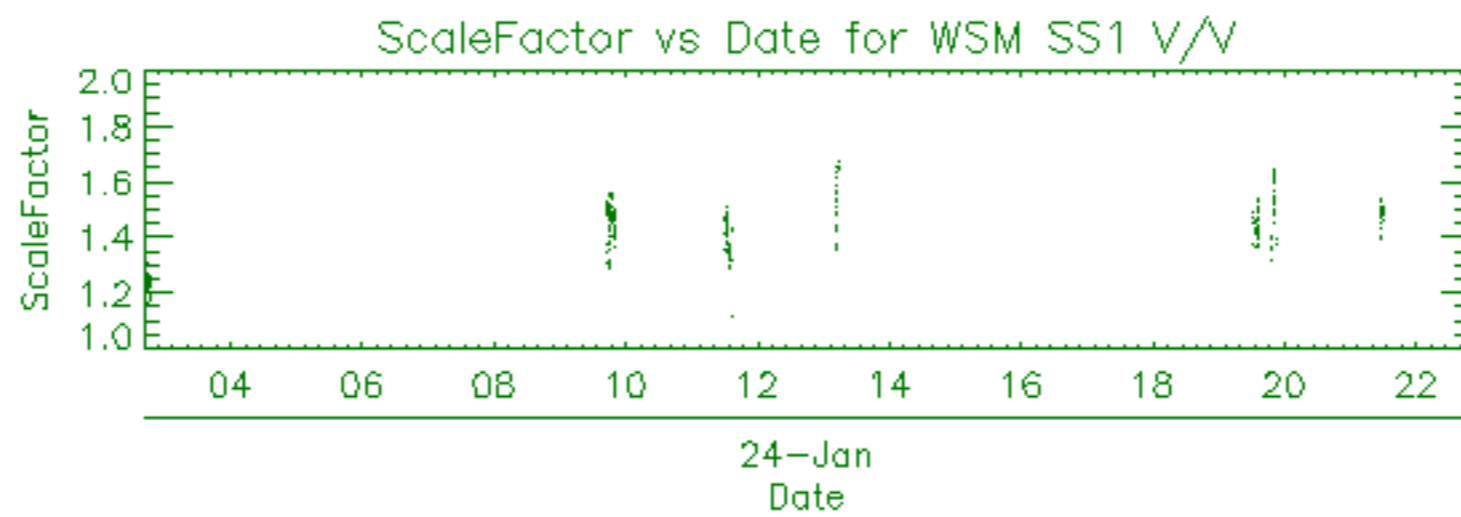














Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20110124_163857_000001403098_00414_46549_4190.N1						IS4	V/H	98	46549 414 5.04



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20110124_000436_000005373098_00404_46539_4012.N1						SS1	H/H	98	46539	404	5.04
ASA_GM1_1PNPDE20110124_002206_000005313098_00404_46539_4015.N1						SS1	H/H	98	46539	404	5.04
ASA_GM1_1PNPDE20110124_005009_000001633098_00404_46539_4030.N1						SS1	H/H	98	46539	404	5.04
ASA_GM1_1PNPDE20110124_011745_000009913098_00405_46540_4045.N1						SS1	H/H	98	46540	405	5.04
ASA_GM1_1PNPDE20110124_013908_000004533098_00405_46540_4043.N1						SS1	H/H	98	46540	405	5.04
ASA_GM1_1PNPDE20110124_014933_000001753098_00405_46540_4041.N1						SS1	H/H	98	46540	405	5.04
ASA_GM1_1PNPDE20110124_020221_000004413098_00405_46540_4036.N1						SS1	H/H	98	46540	405	5.04
ASA_GM1_1PNPDE20110124_022349_000007853098_00405_46540_4066.N1						SS1	H/H	98	46540	405	5.04
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ASA_GM1_1PNPDE20110124_031912_000002713098_00406_46541_4061.N1						SS1	H/H	98	46541	406	5.04
ASA_GM1_1PNPDE20110124_034236_000003383098_00406_46541_4082.N1						SS1	H/H	98	46541	406	5.04
ASA_GM1_1PNPDE20110124_035800_000002113098_00406_46541_4080.N1						SS1	H/H	98	46541	406	5.04
ASA_GM1_1PNPDE20110124_041754_00000843098_00407_46542_4078.N1						SS1	H/H	98	46542	407	5.04
ASA_GM1_1PNPDE20110124_042142_000006283098_00407_46542_4076.N1						SS1	H/H	98	46542	407	5.04
ASA_GM1_1PNPDE20110124_043528_000009673098_00407_46542_4075.N1						SS1	H/H	98	46542	407	5.04
ASA_GM1_1PNPDE20110124_045616_000002773098_00407_46542_4073.N1						SS1	H/H	98	46542	407	5.04
ASA_GM1_1PNPDE20110124_052249_000007793098_00407_46542_4097.N1						SS1	H/H	98	46542	407	5.04
ASA_GM1_1PNPDE20110124_060620_000019583098_00408_46543_4106.N1						SS1	H/H	98	46543	408	5.04
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ASA_GM1_1PNPDK20110124_075053_000006953098_00409_46544_2250.N1						SS1	H/H	98	46544	409	5.04
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ASA_GM1_1PNPDK20110124_111647_000002653098_00411_46546_2320.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_112550_00000783098_00411_46546_2343.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_120724_000002173098_00411_46546_2345.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_121411_000001503098_00411_46546_2347.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_122557_000002233098_00411_46546_2349.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_123205_000001203098_00411_46546_2350.N1						SS1	H/H	98	46546	411	5.04
ASA_GM1_1PNPDK20110124_124730_000008283098_00412_46547_2353.N1						SS1	H/H	98	46547	412	5.04
ASA_GM1_1PNPDK20110124_130004_000000783098_00412_46547_2387.N1						SS1	H/H	98	46547	412	5.04
ASA_GM1_1PNPDK20110124_132442_000006043098_00412_46547_2388.N1						SS1	H/H	98	46547	412	5.04
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ASA_GM1_1PNPDK20110124_134812_000005253098_00412_46547_2392.N1						SS1	H/H	98	46547	412	5.04
ASA_GM1_1PNPDK20110124_140614_000006283098_00412_46547_2394.N1						SS1	H/H	98	46547	412	5.04
ASA_GM1_1PNPDK20110124_142232_000011123098_00413_46548_2396.N1						SS1	H/H	98	46548	413	5.04
ASA_GM1_1PNPDK20110124_143954_00000603098_00413_46548_2431.N1						SS1	H/H	98	46548	413	5.04
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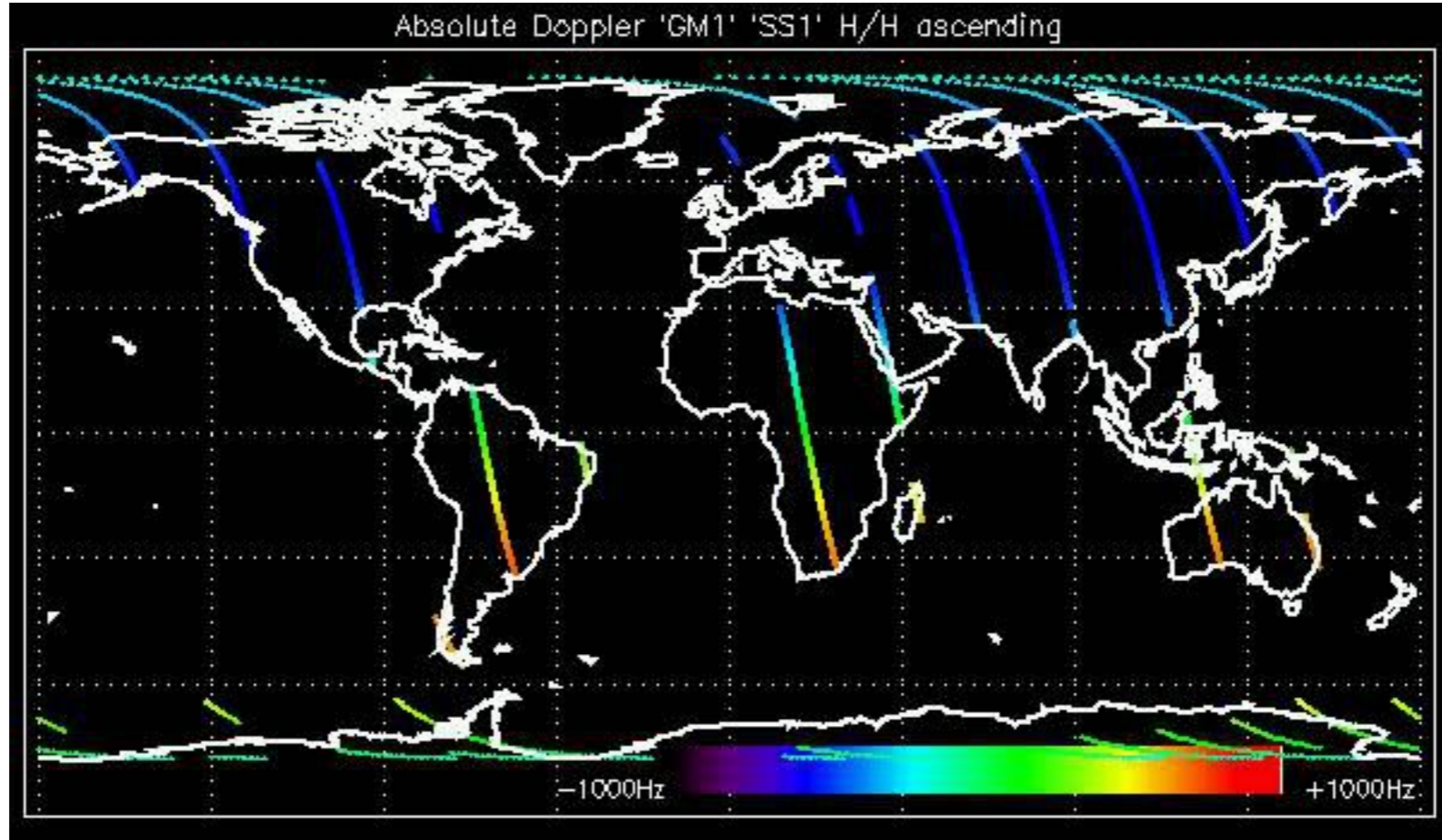
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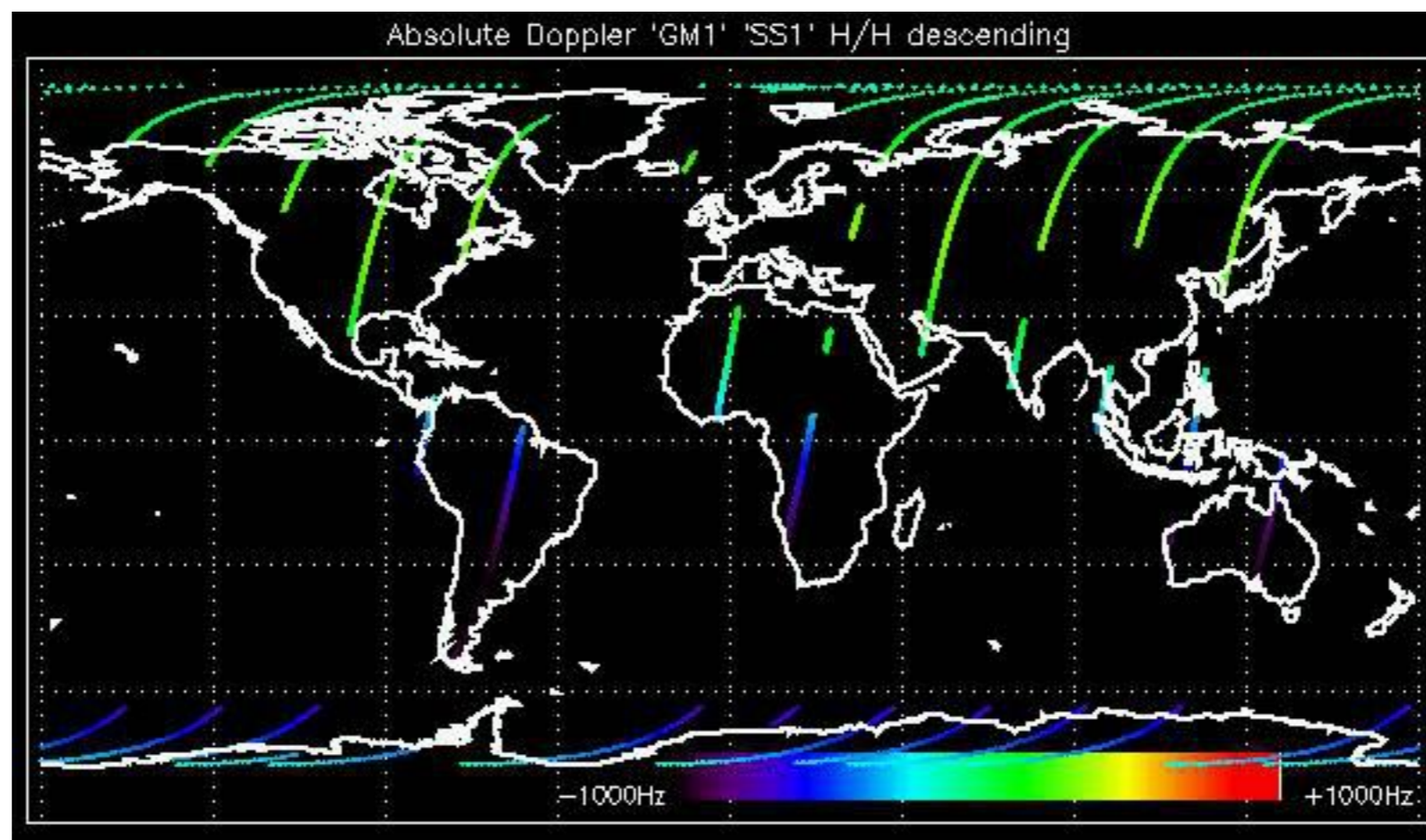
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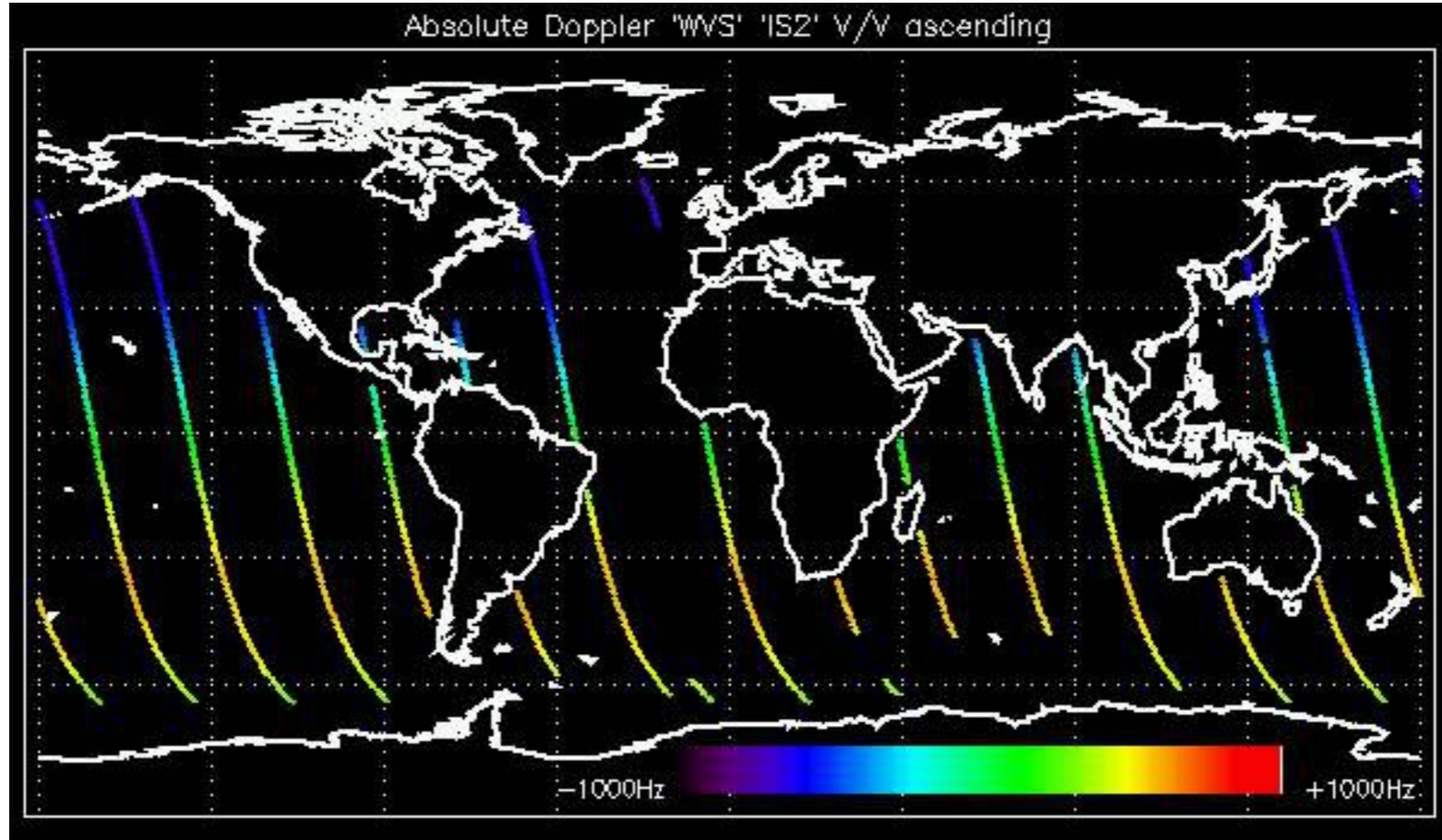
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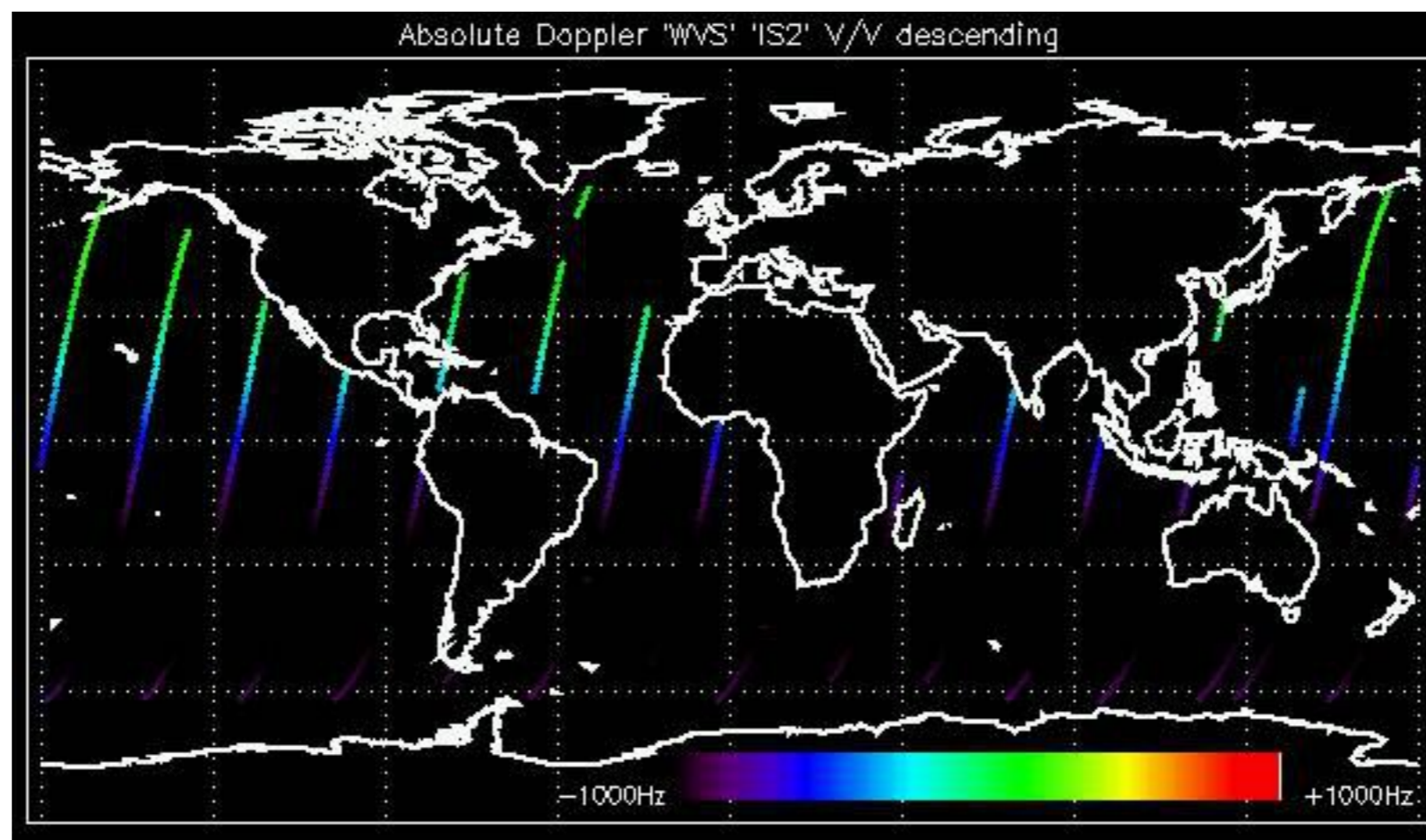
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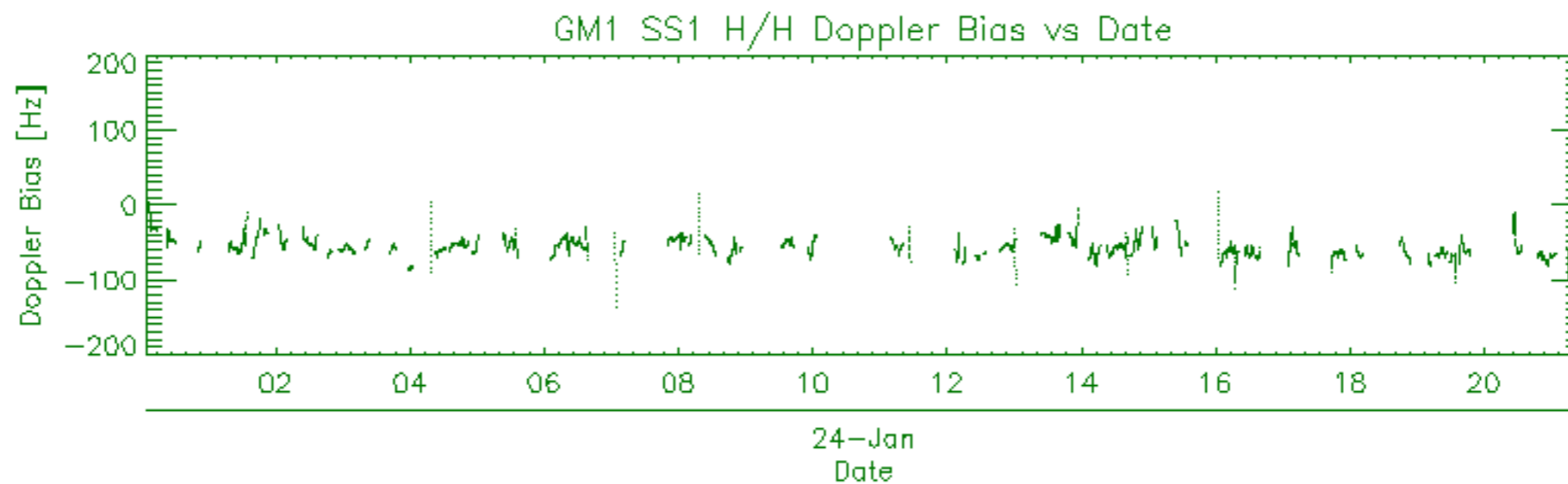
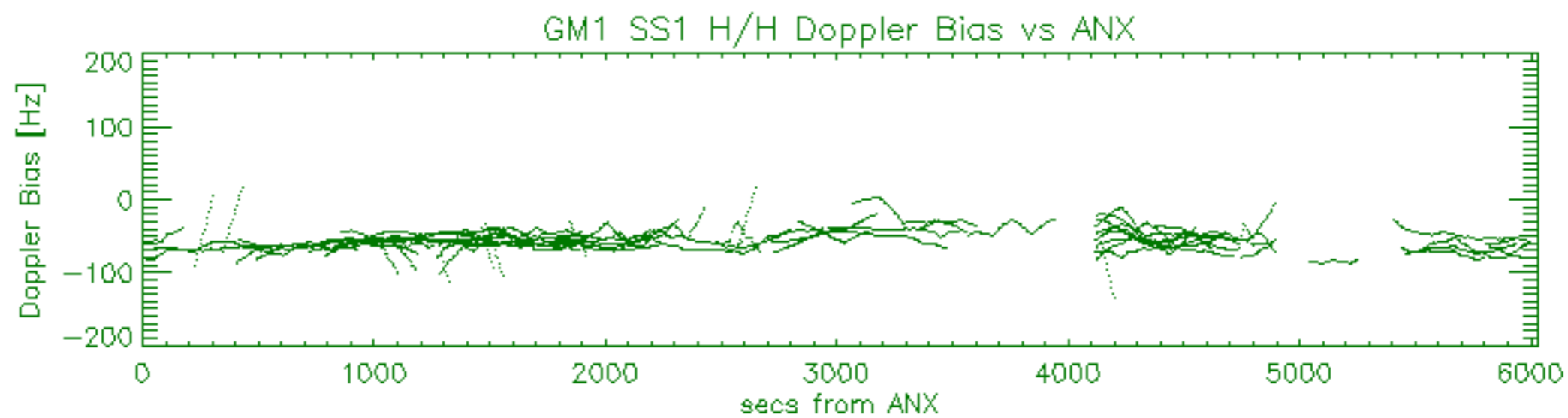
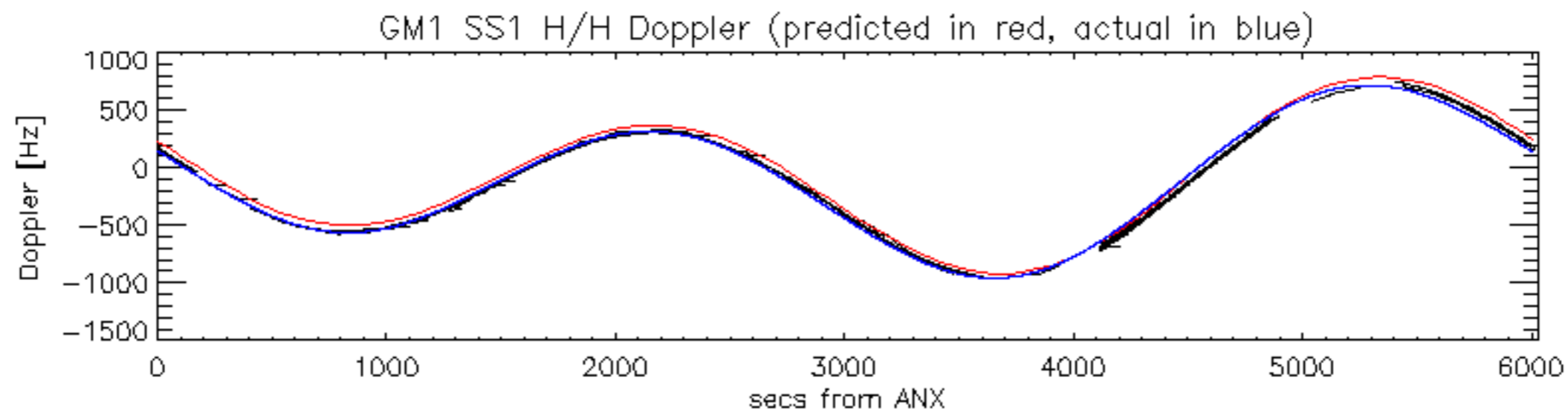




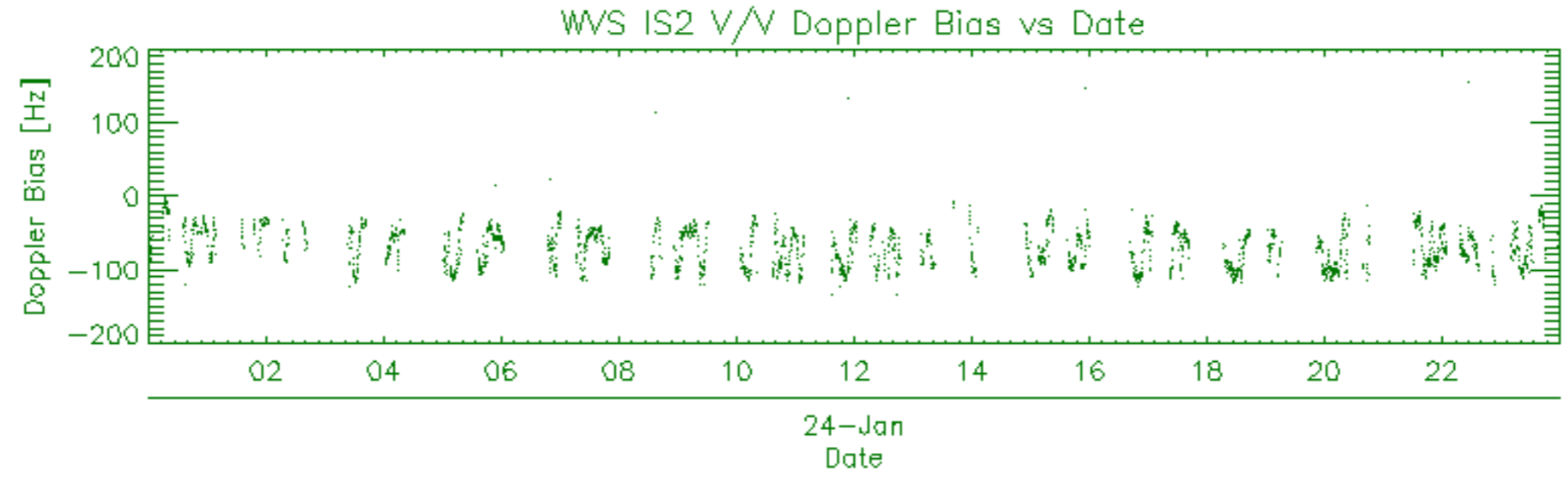
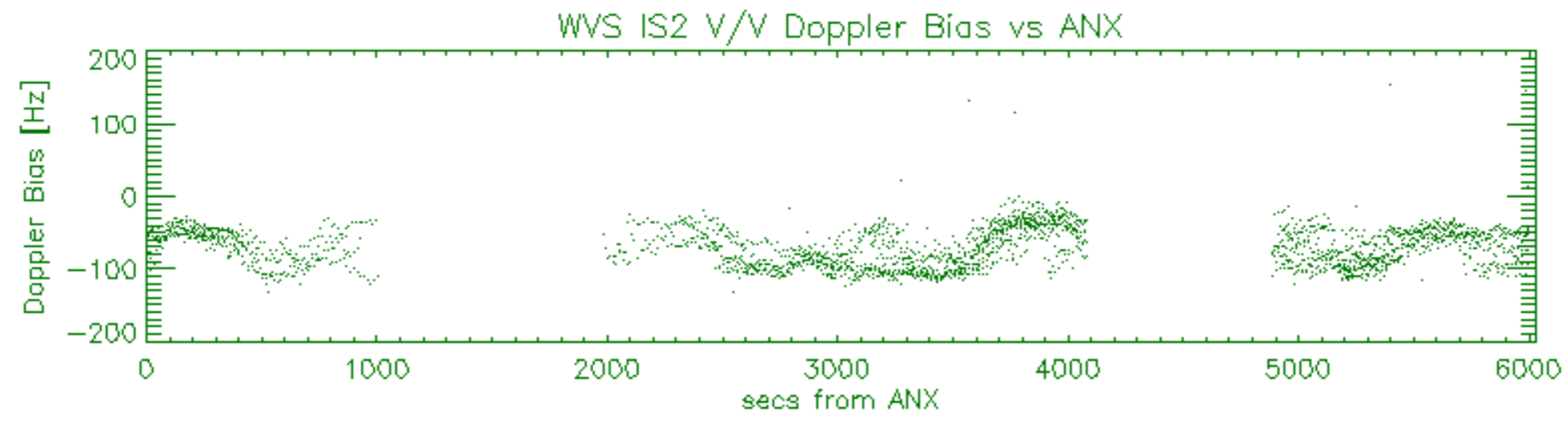
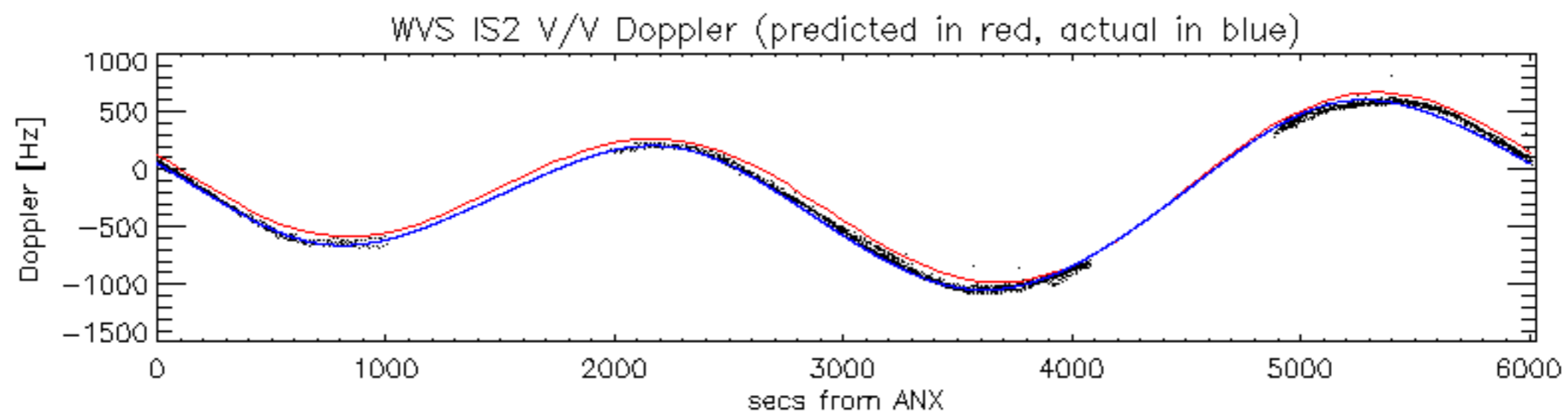


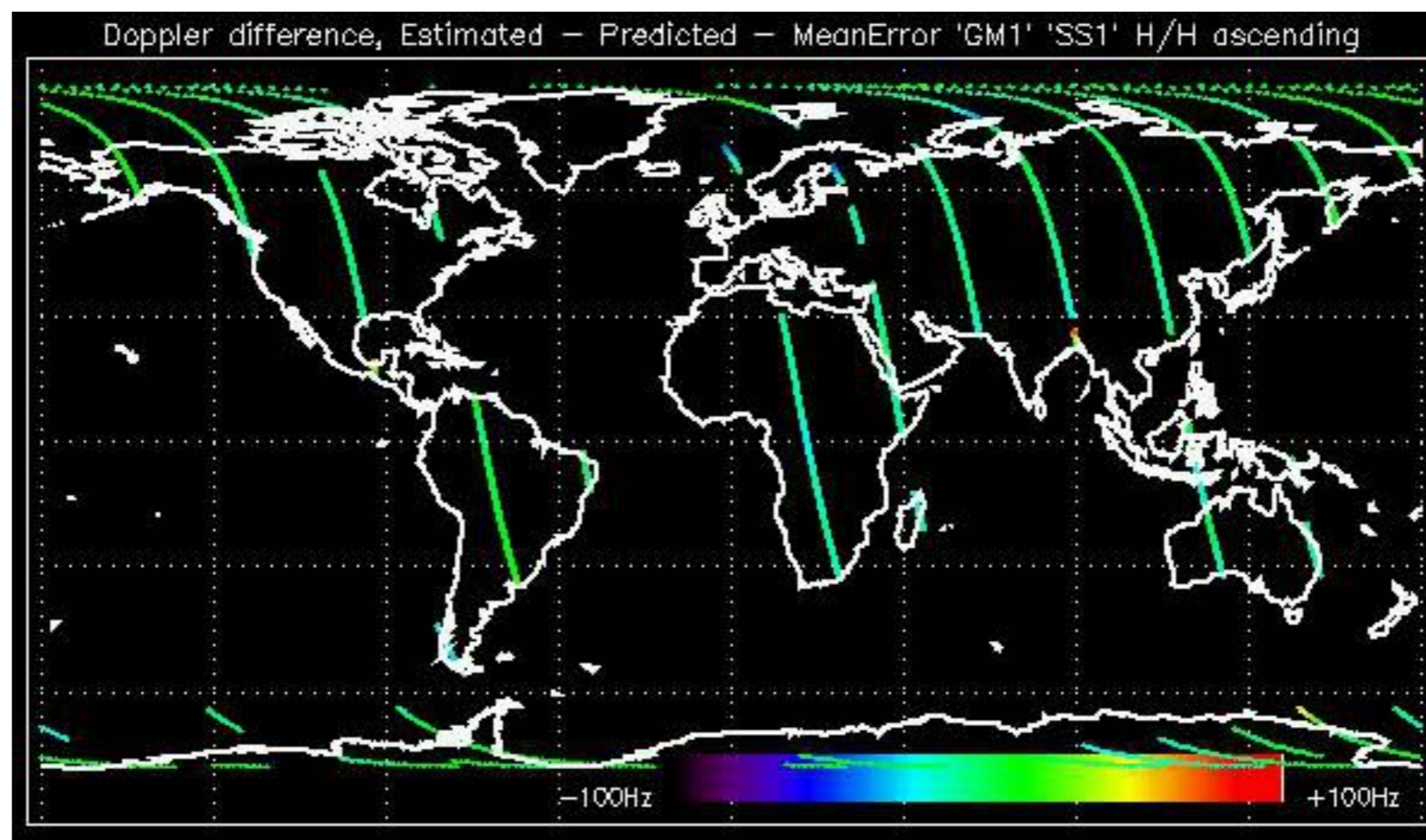


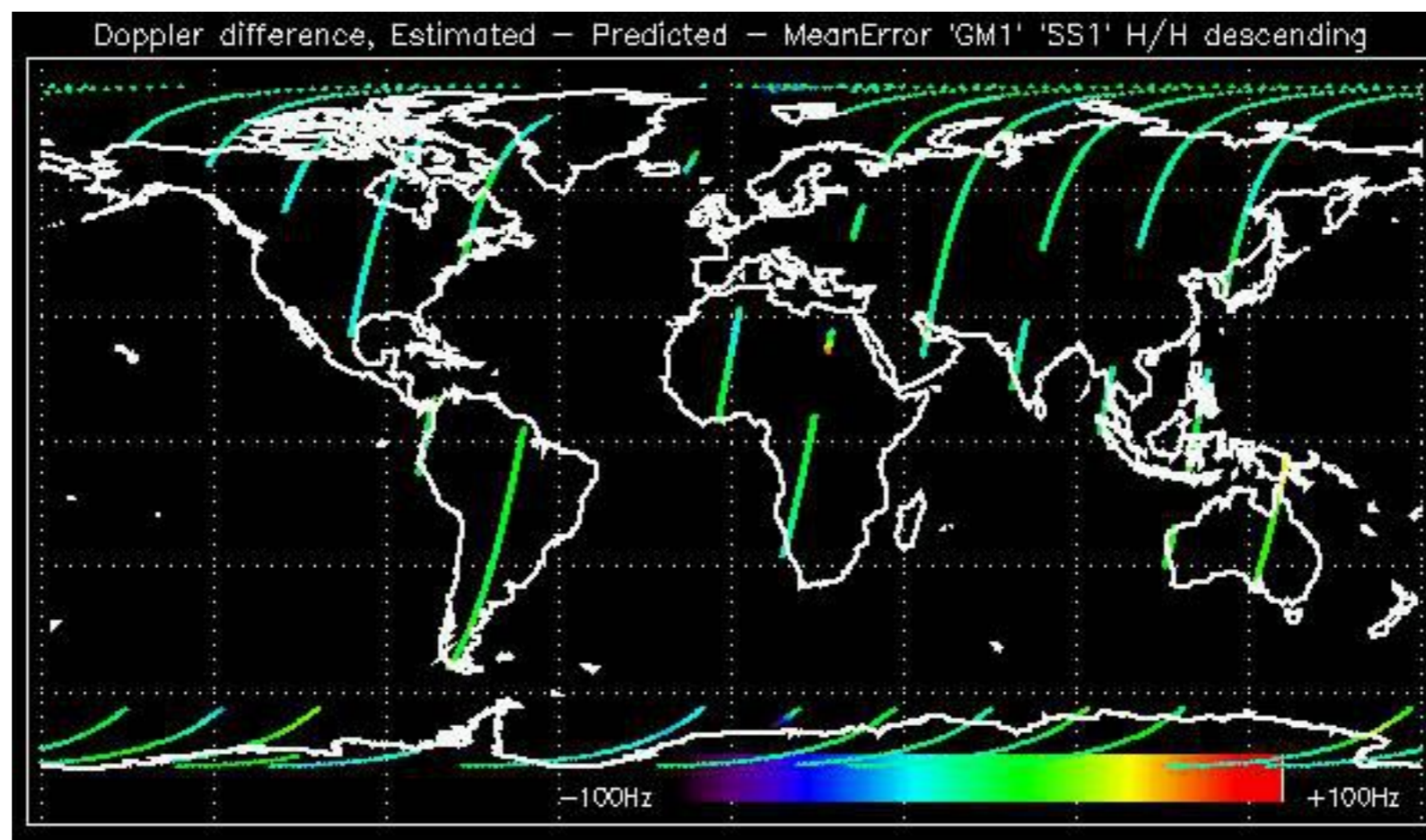




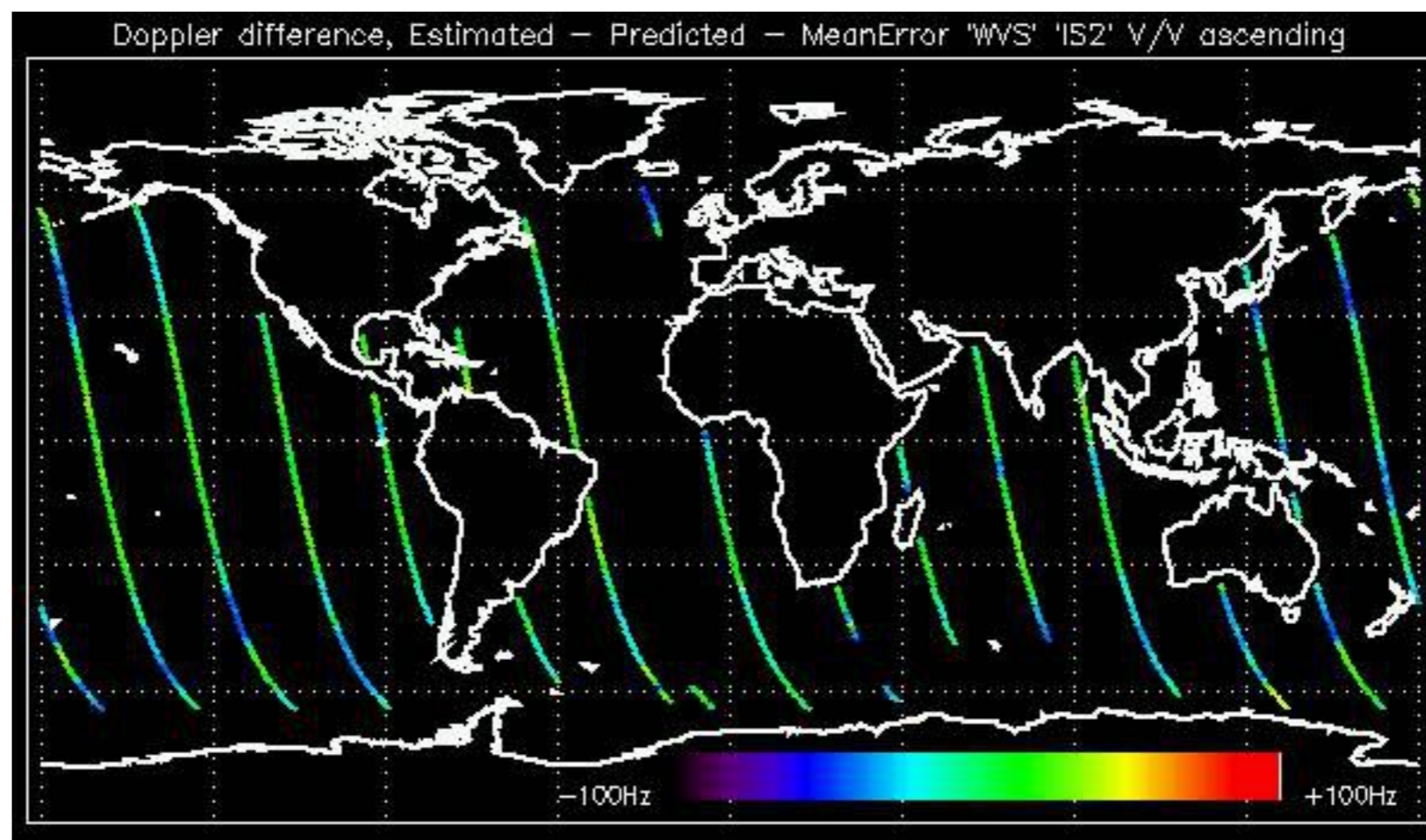




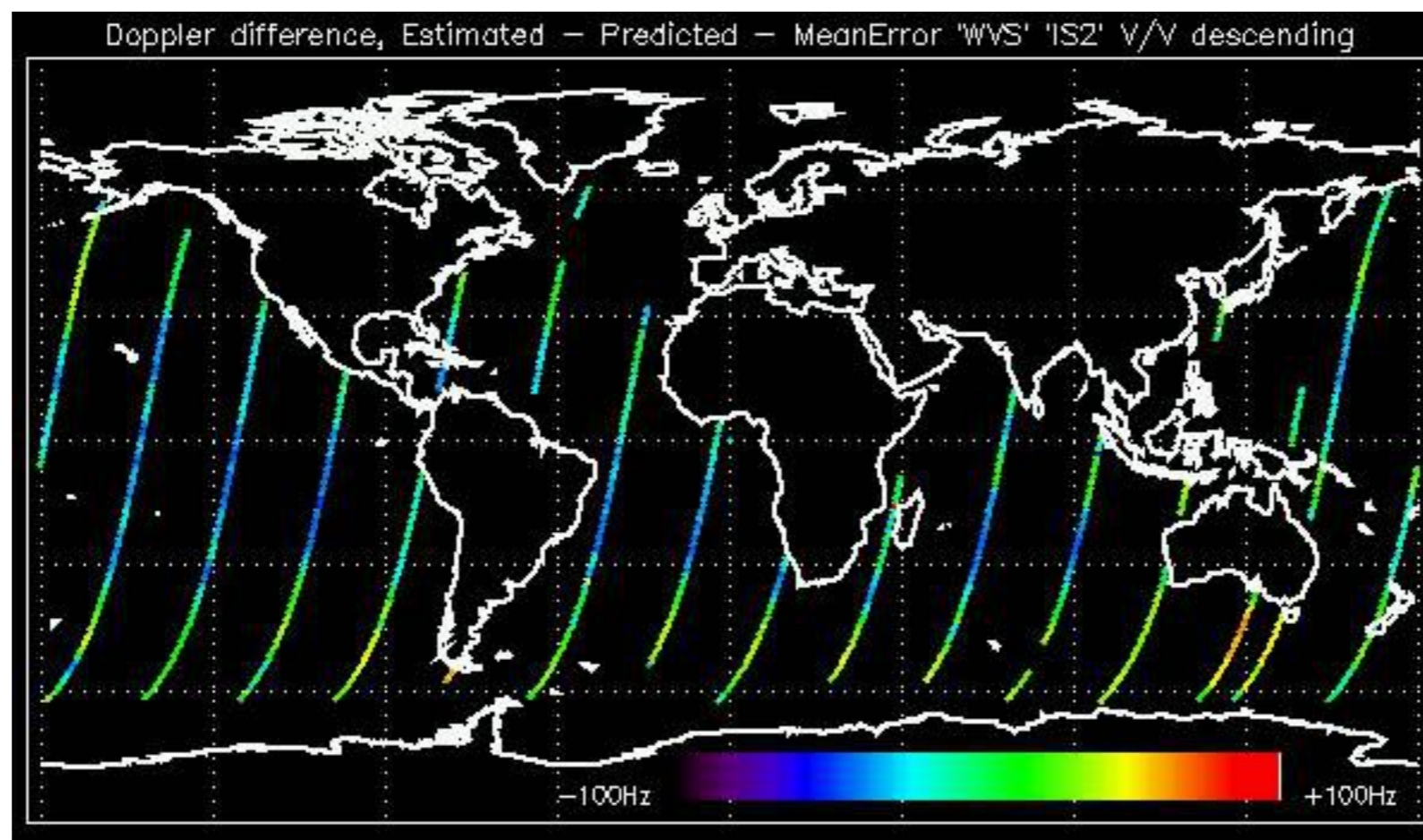


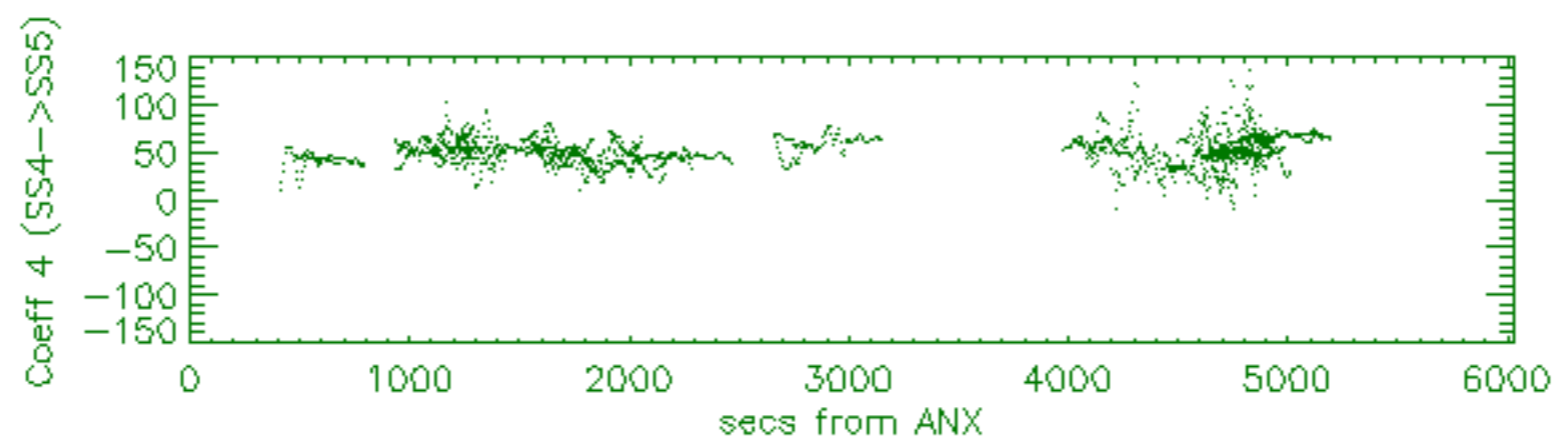
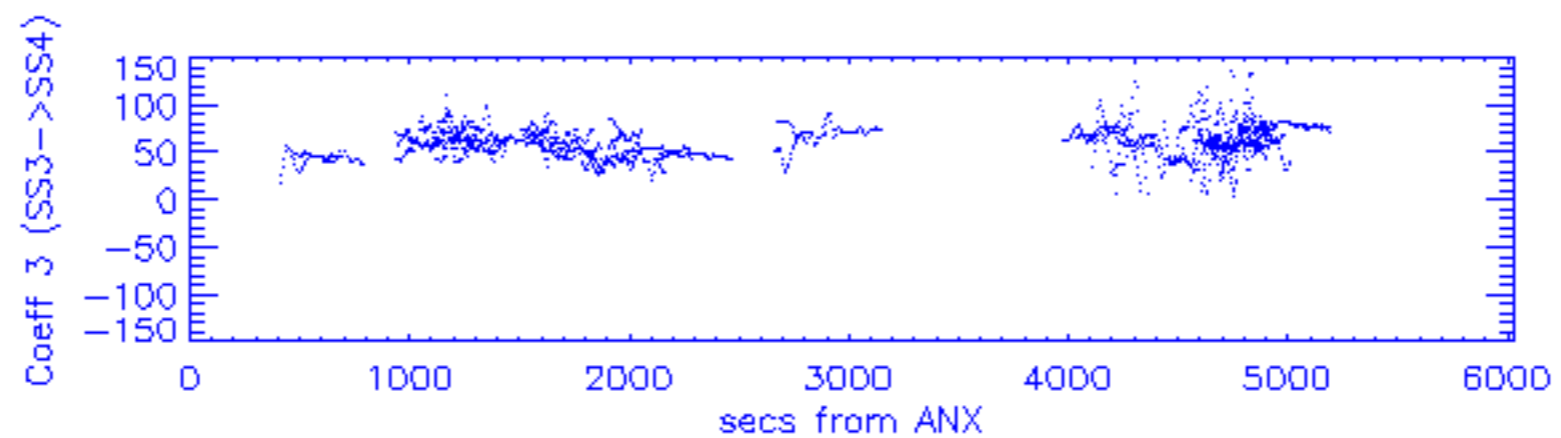
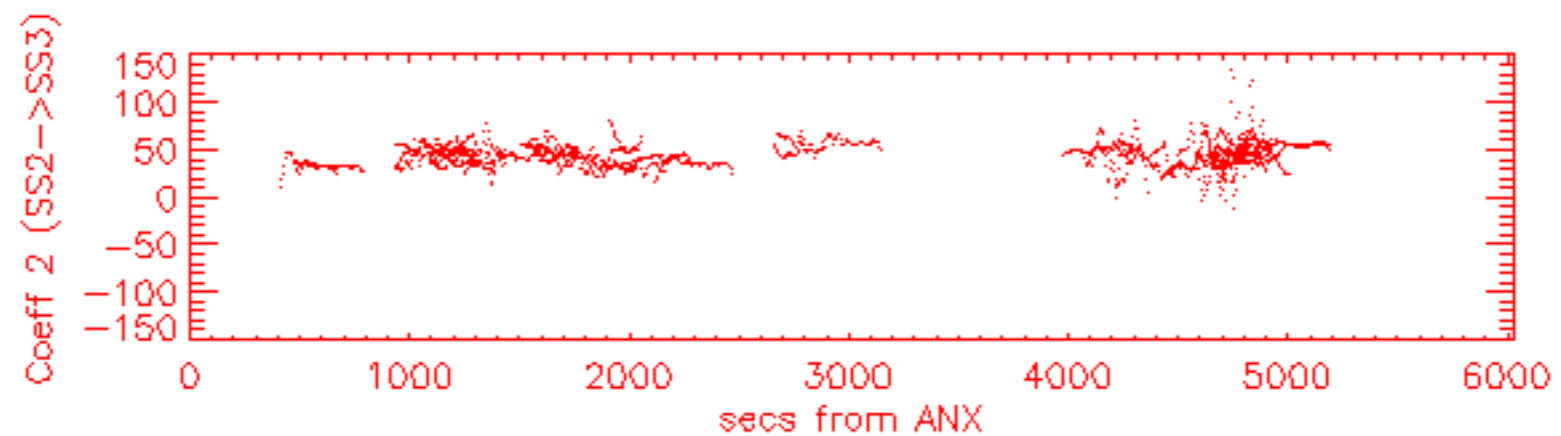
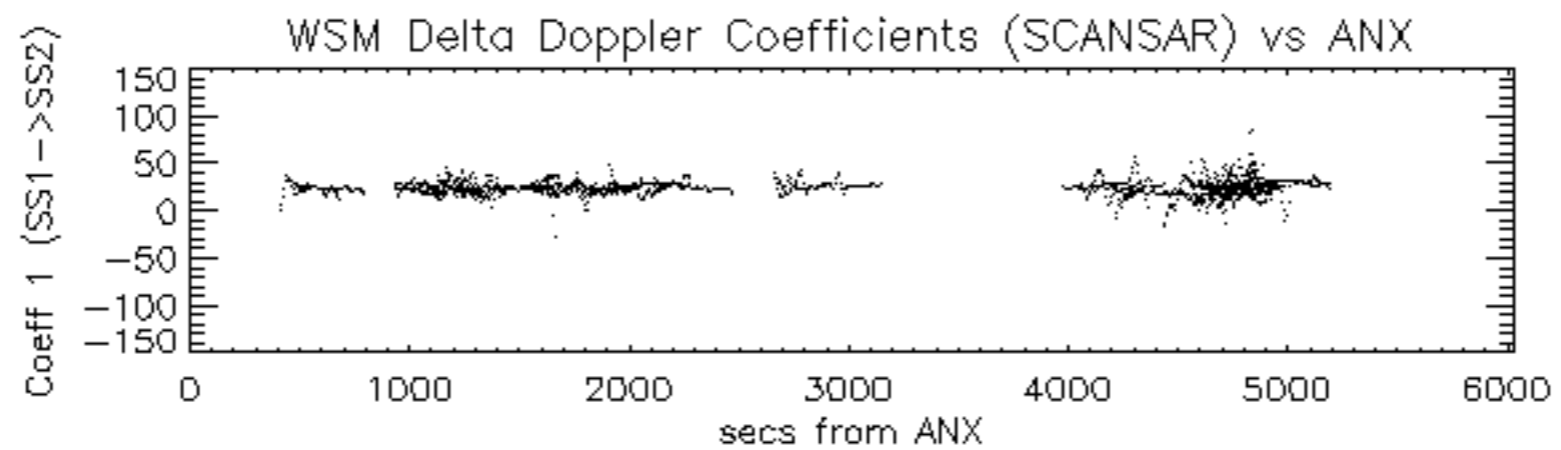


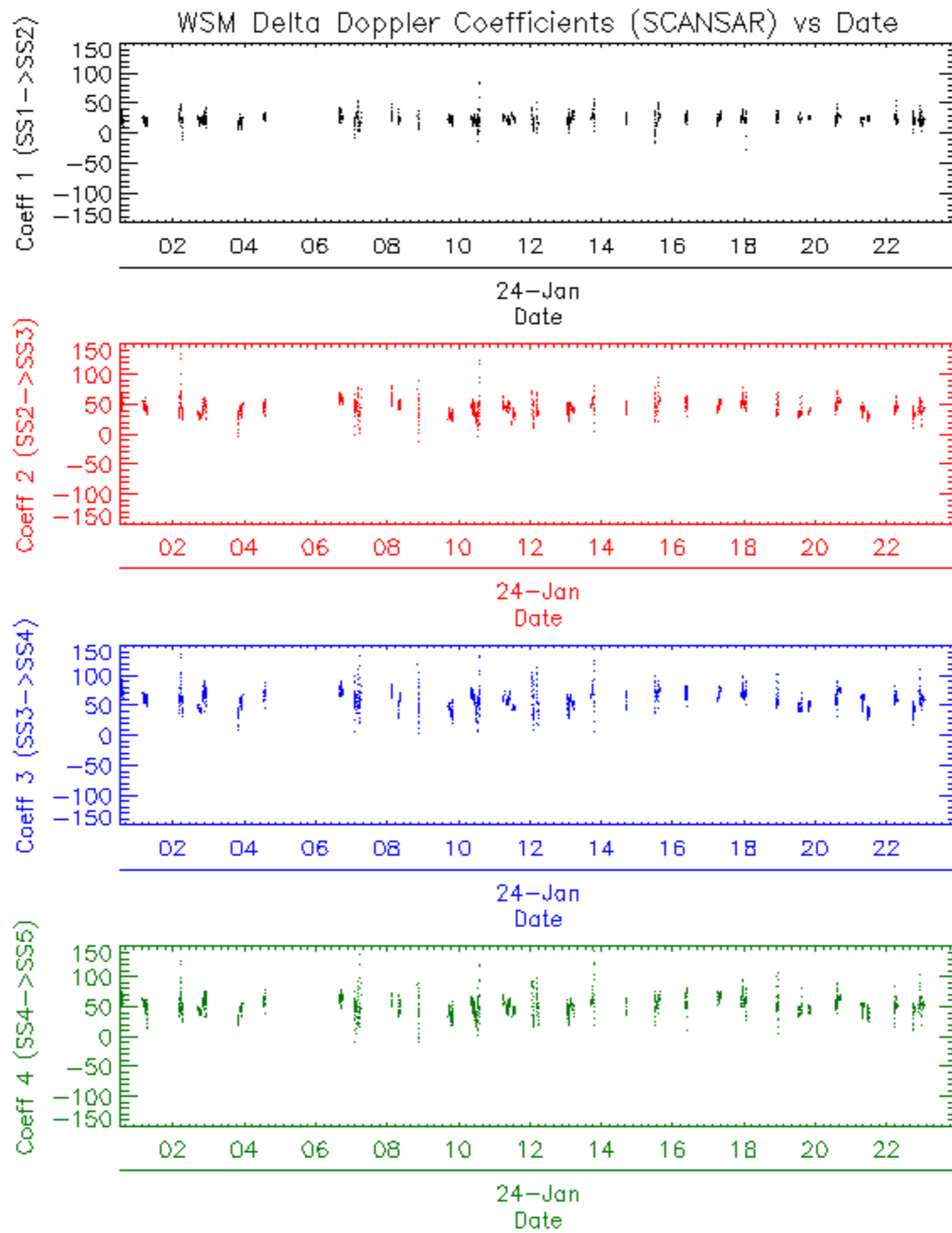






















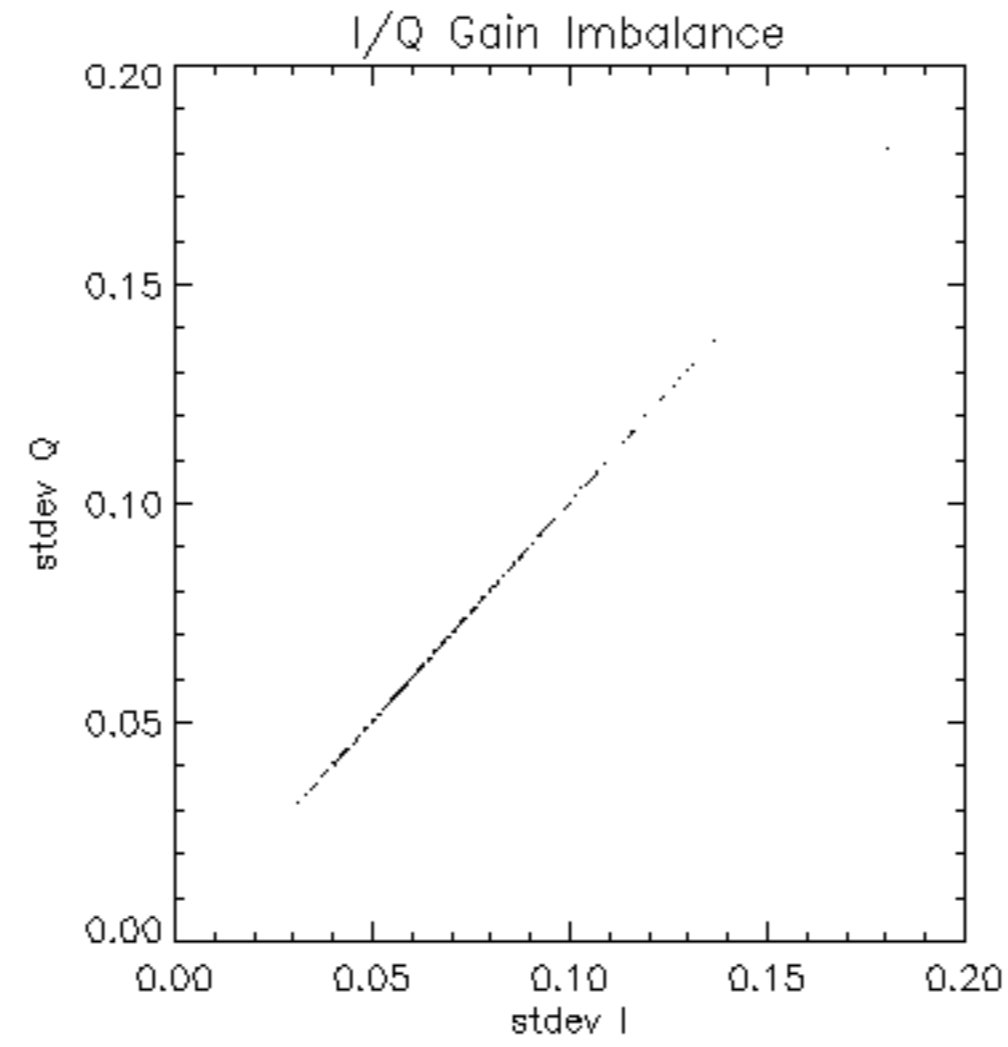


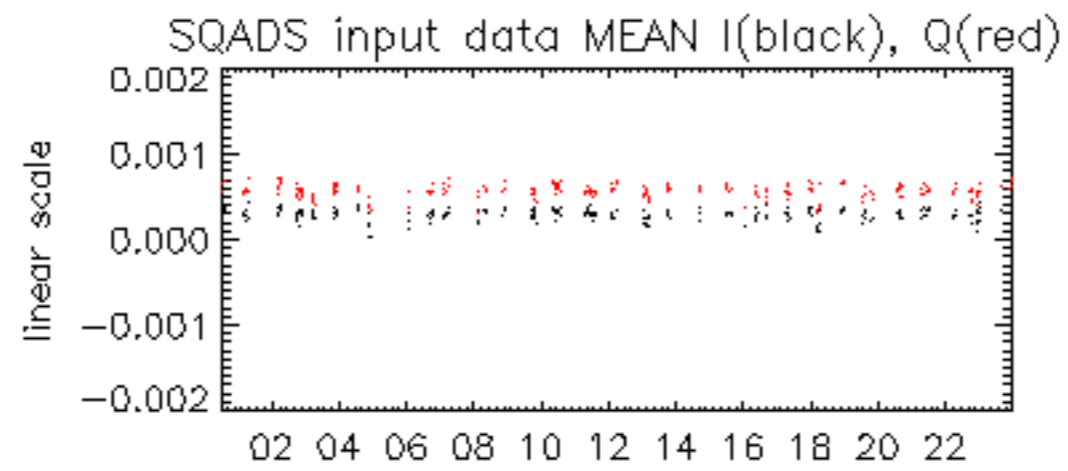




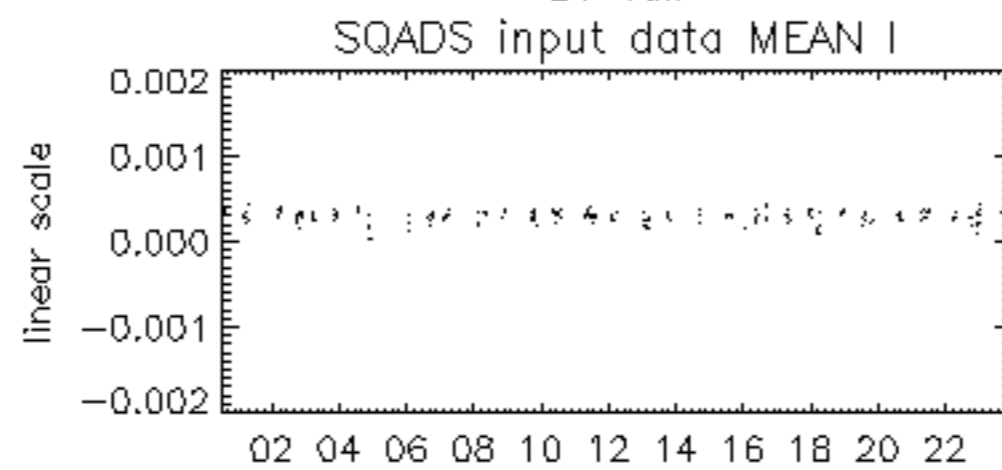




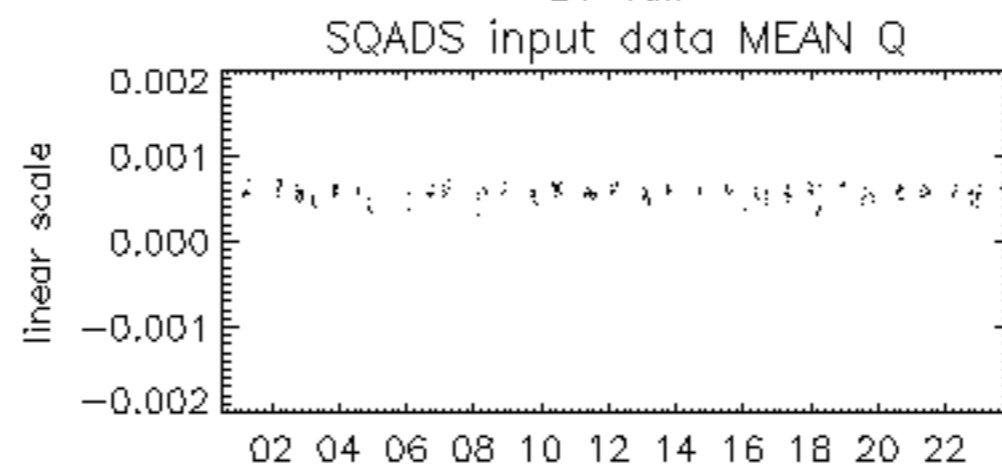




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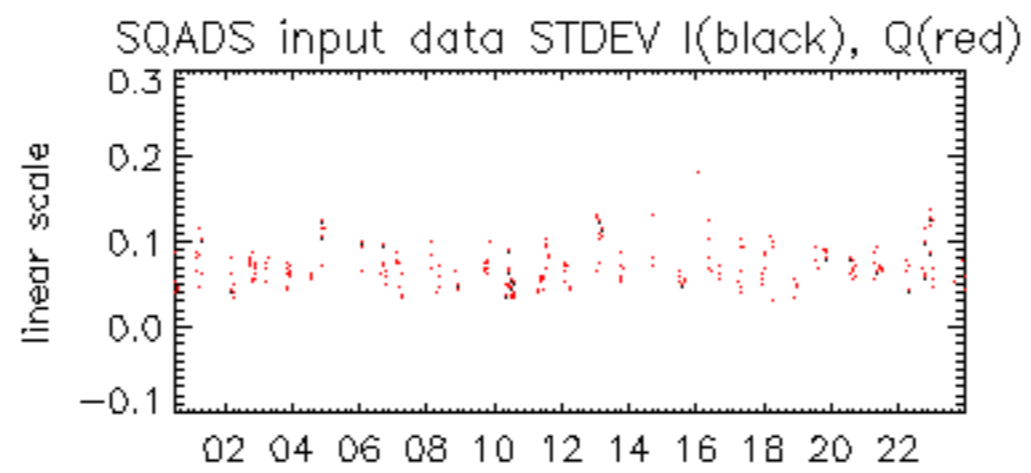


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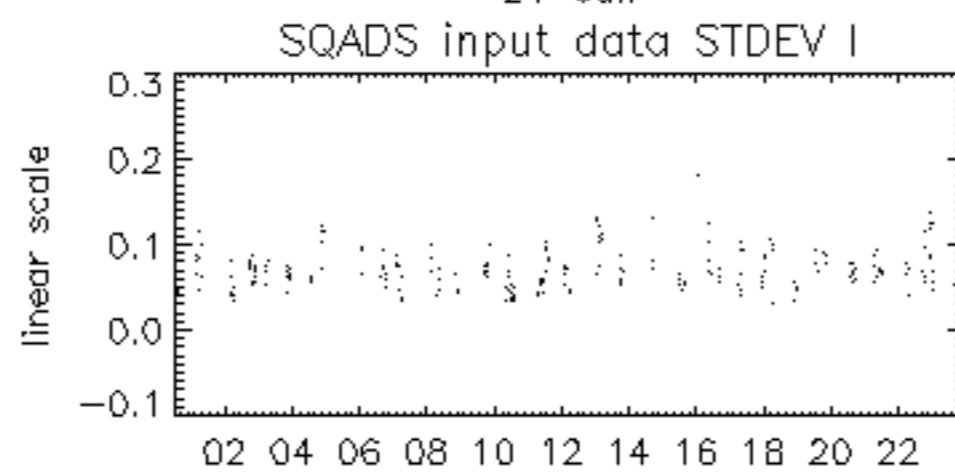


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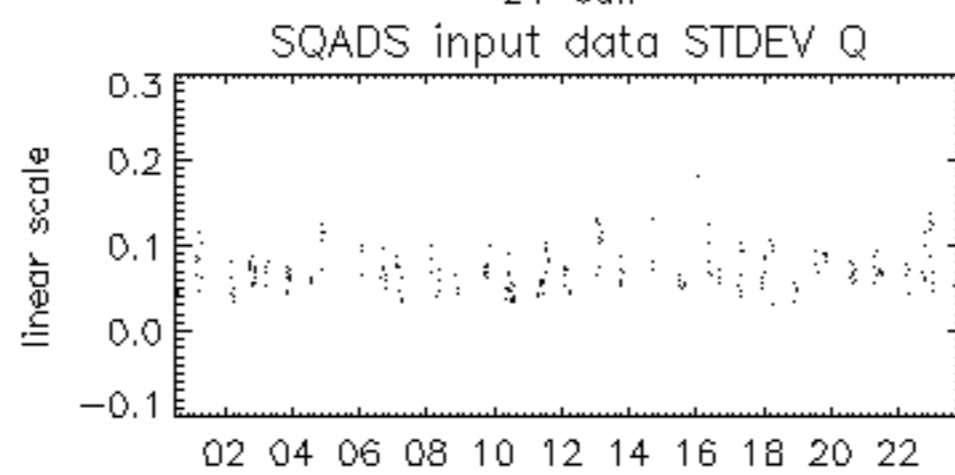




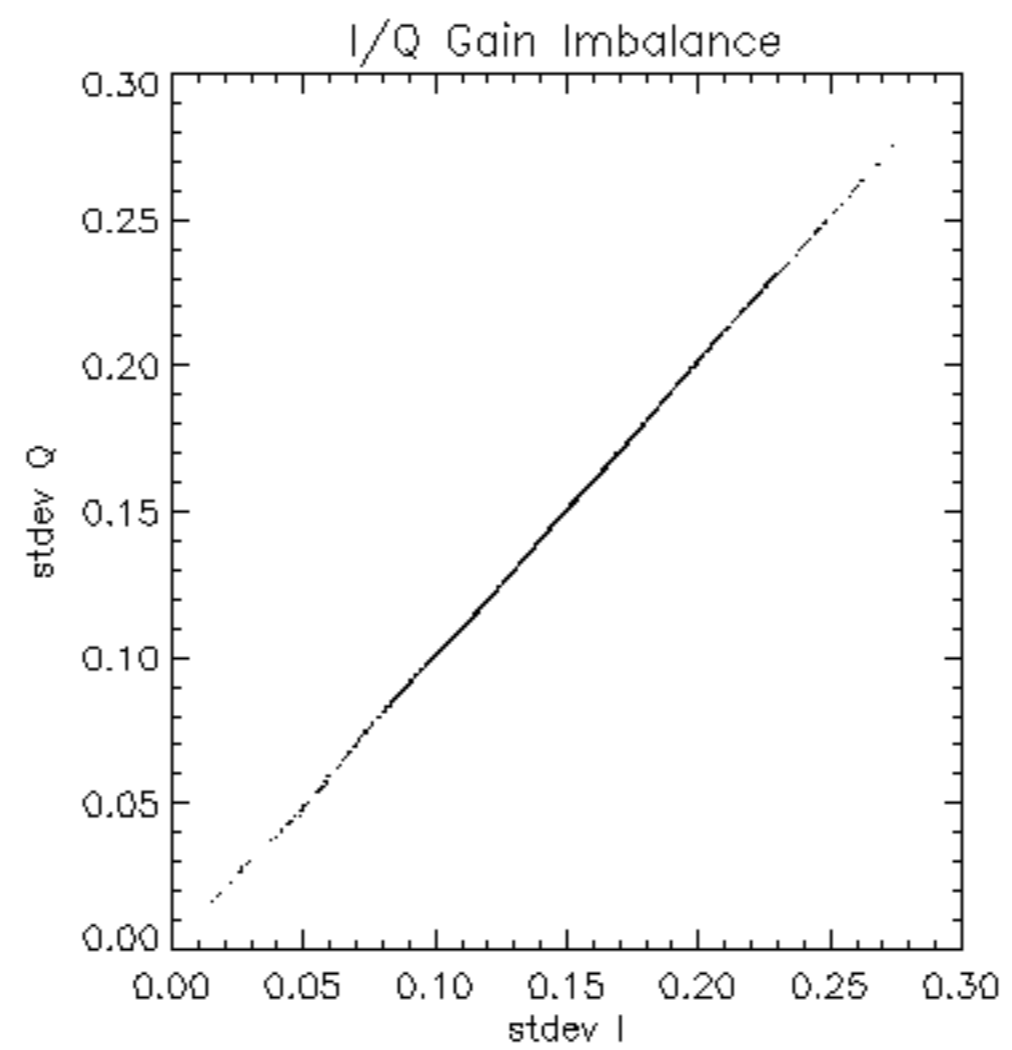
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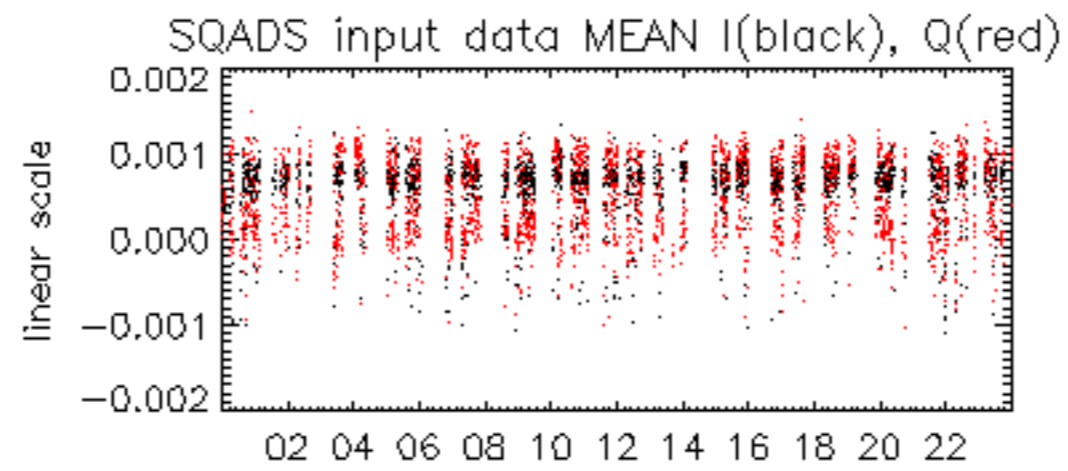


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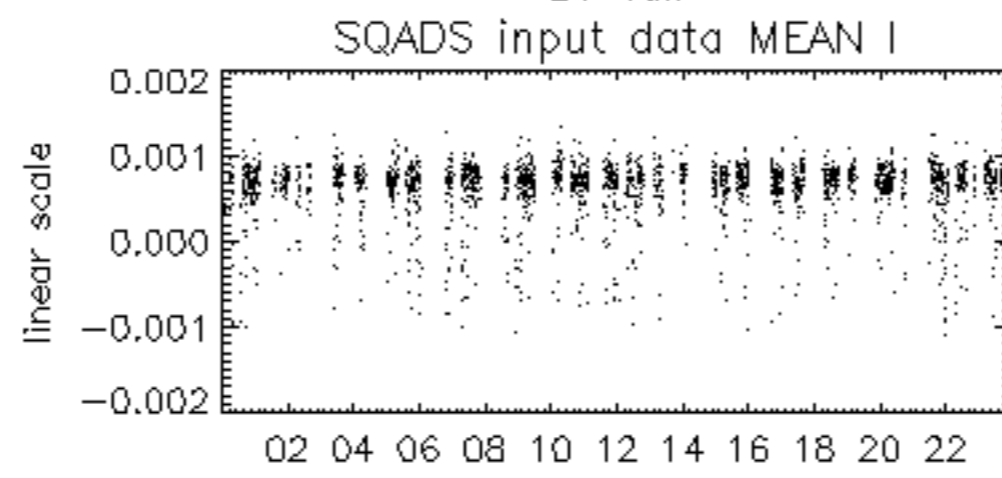


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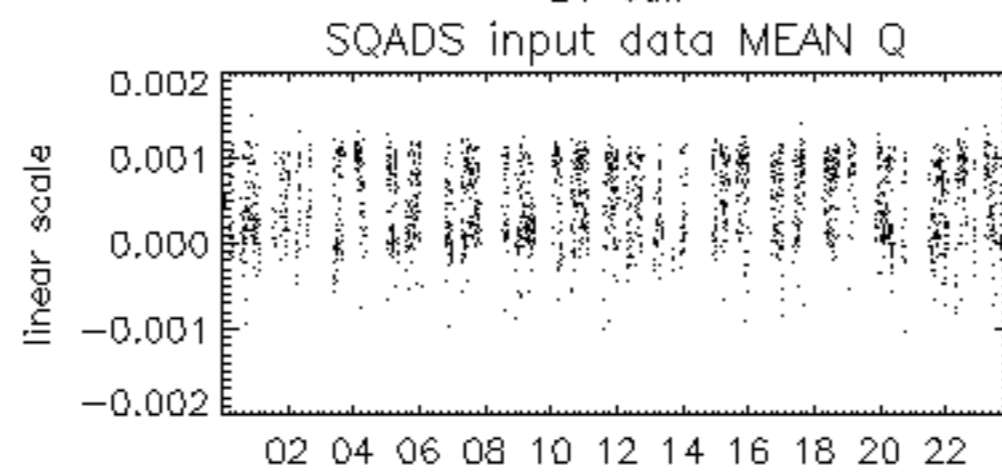




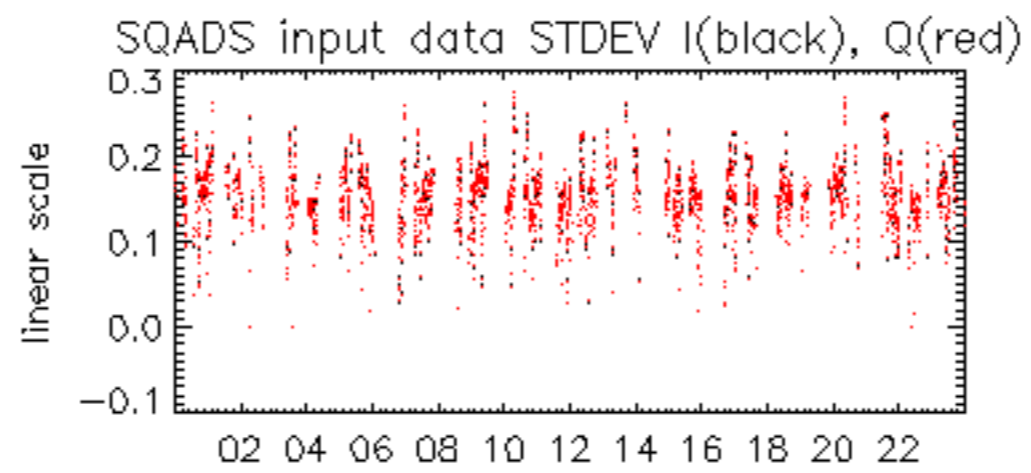
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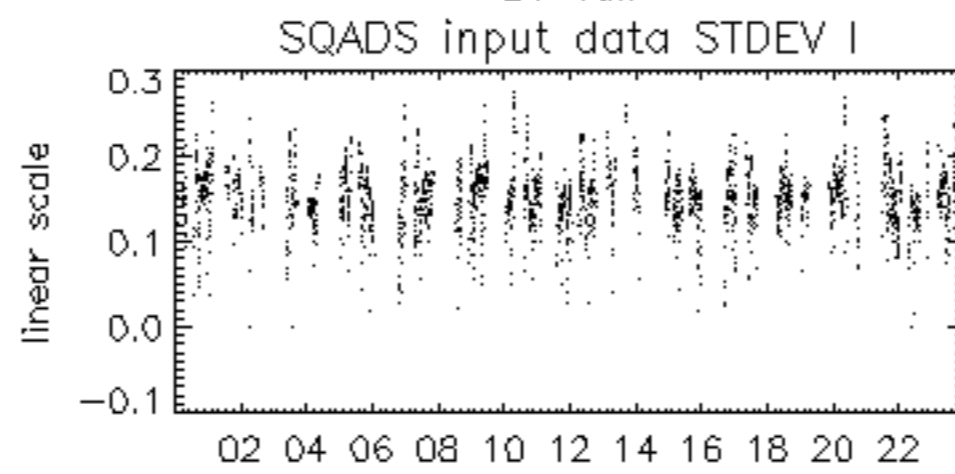
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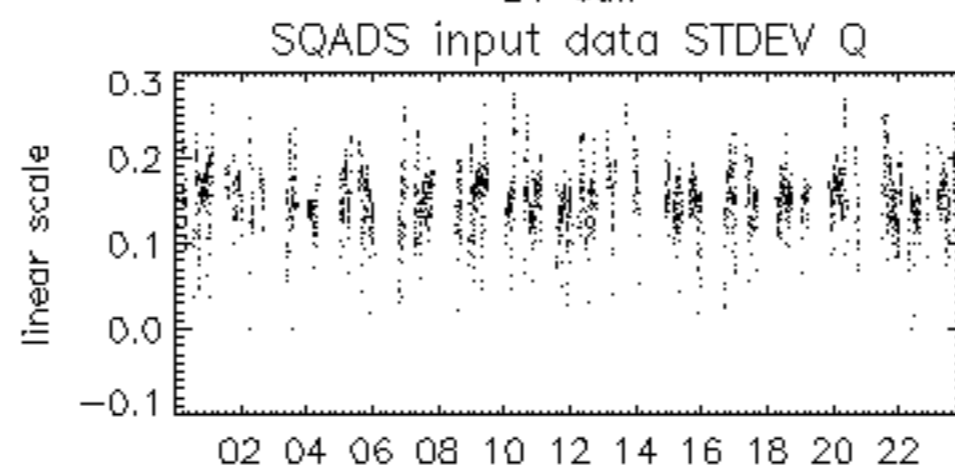
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