



Analysis from 23-MAR-2012 00:00:00 to 23-MAR-2012 23:59:59. Page generated on 27-MAR-2012 09:15:28.  
View log file: ASAR\_Daily\_Report\_20120327\_0914.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	4	PDE	WS	H/H	28	PDE	IS1	V/V	2	PDE	IS2	V/V	2	PDE	WS	H/H	29				
PDE	IS2	V/V	23	PDK	WS	H/H	44	PDE	IS2	H/H	2	PDE	IS6	H/H	8	PDE	WS	V/V	6				
PDK	IS2	V/V	27					PDE	IS2	V/H	1	PDE	IS6	V/V	1	PDK	WS	H/H	12				
								PDE	IS4	H/H	2												
								PDE	IS6	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

## 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_AXVIEC20120126_110323_20110607_000000_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

[\[TXT\]](#) [\[XLS\]](#) Check\_ADFs\_IMM

[\[TXT\]](#) [\[XLS\]](#) Check\_ADFs\_WSM

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2012-03-20 06:29:30 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

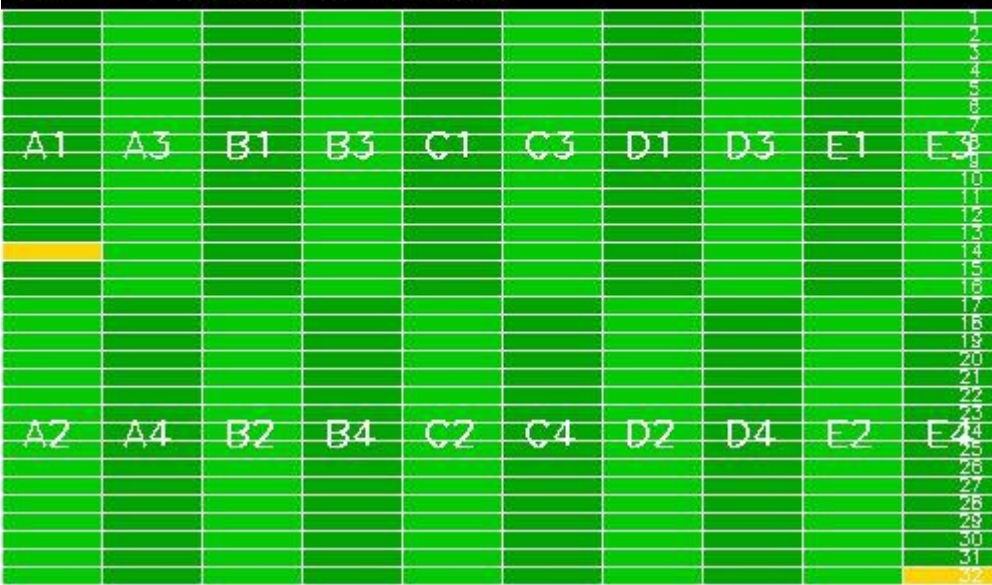
Reference: 2012-03-19 07:06:15 V RxGain  
 Test : 2012-03-20 06:29:30 V



Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2012-03-20 06:29:30 V



Reference: 2012-03-19 07:06:15 V RxPhase  
 Test : 2012-03-20 06:29:30 V



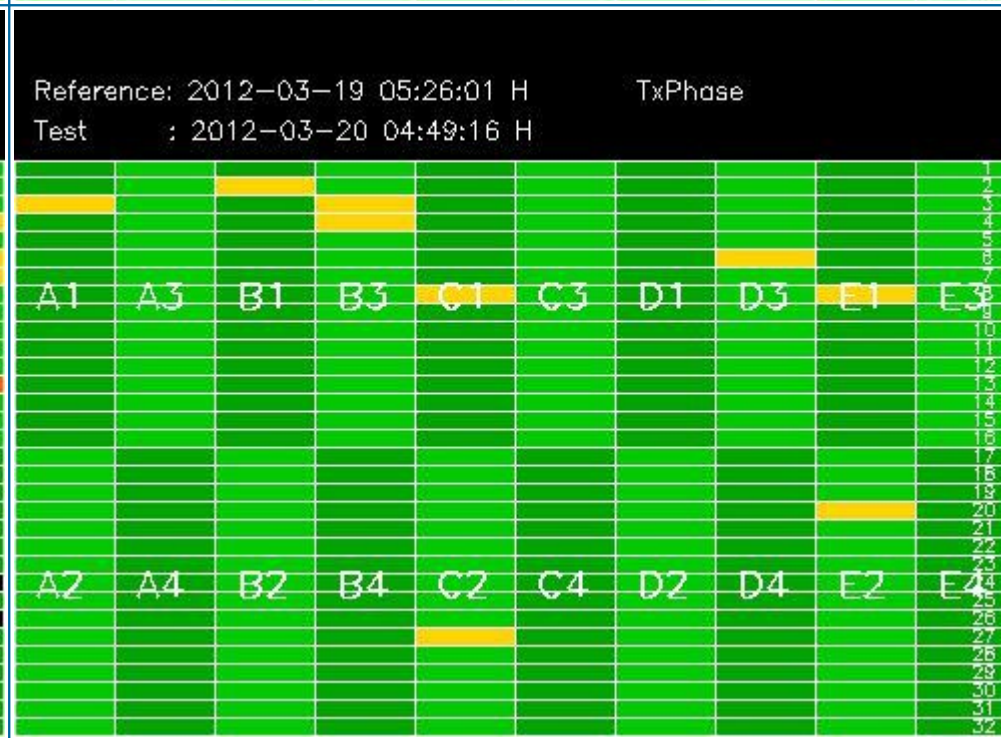
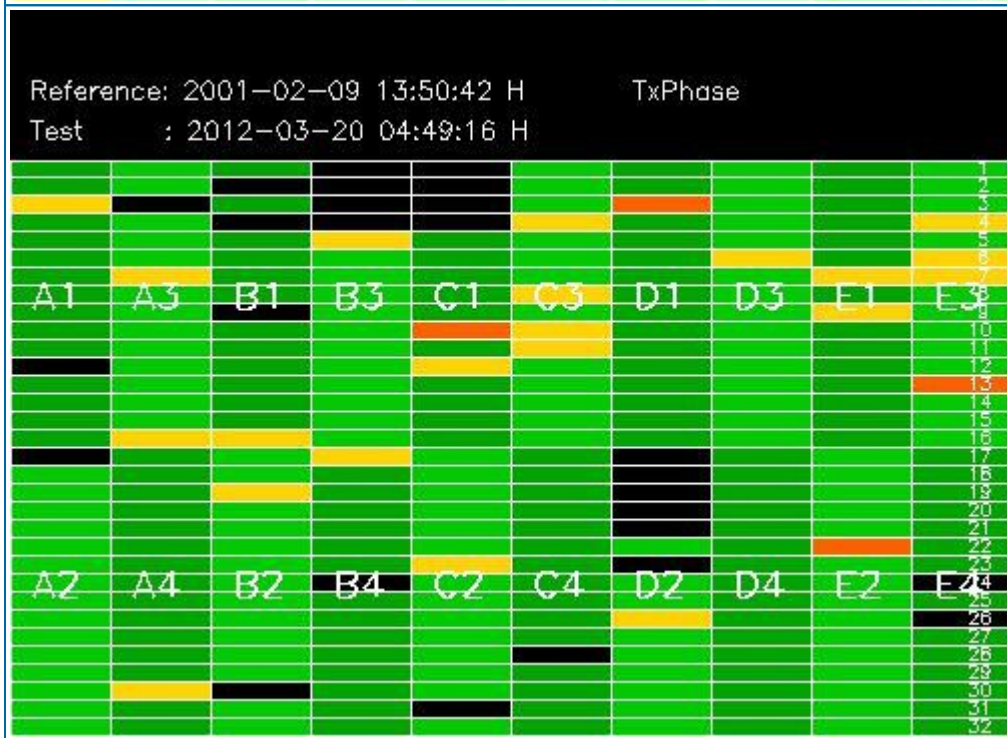
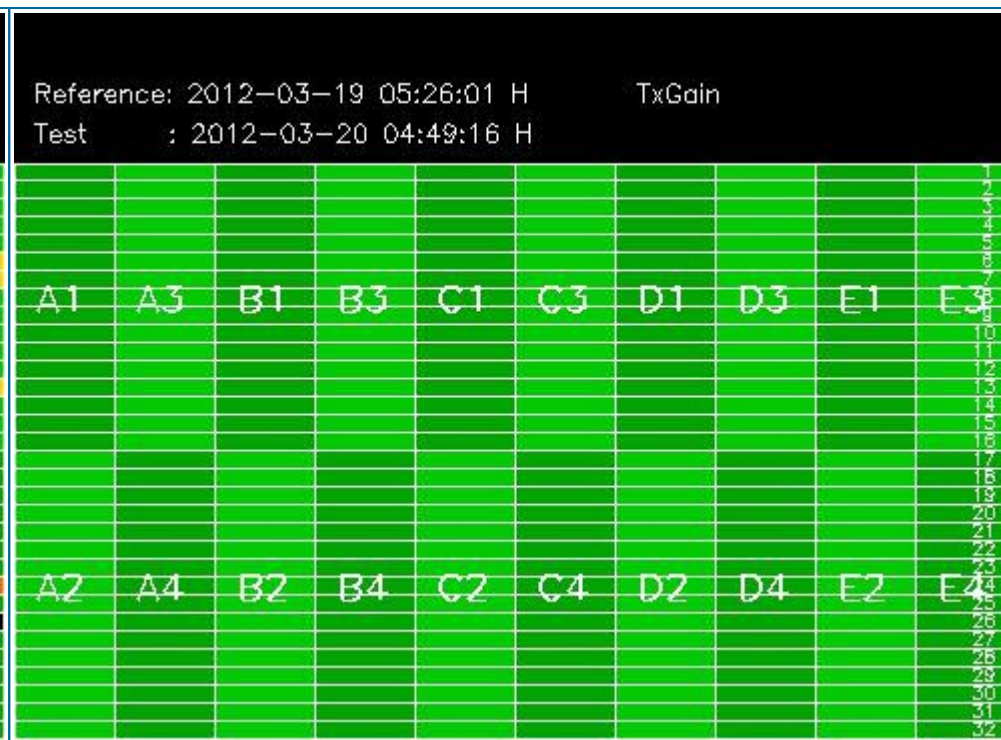
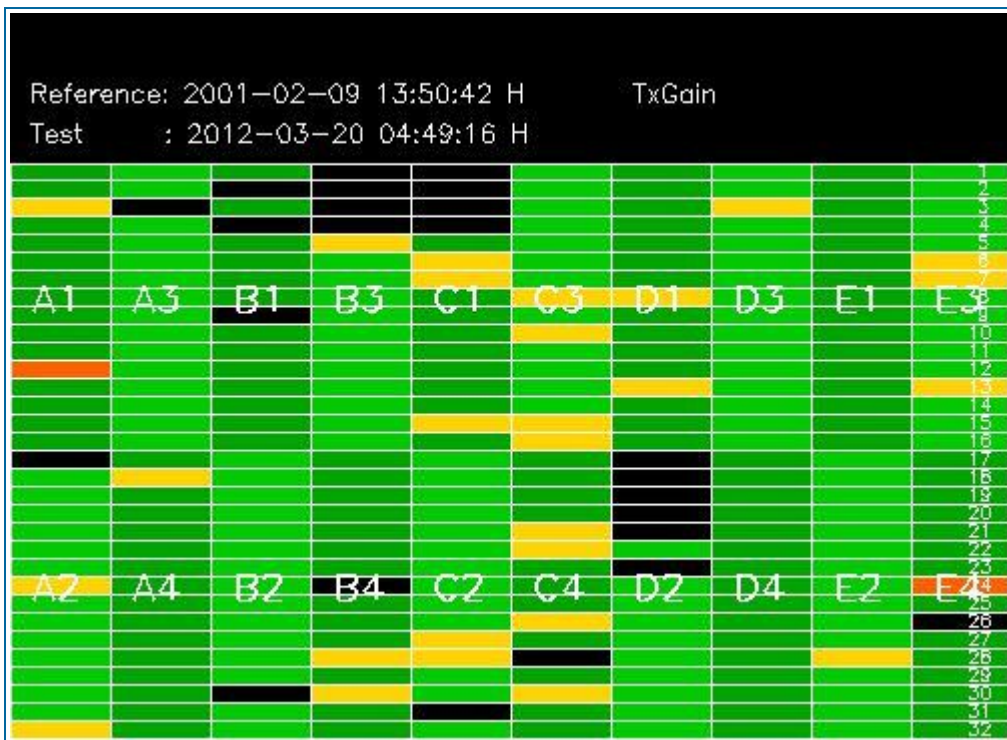


### 3.2 - H/H polarisation

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





## 4 - CALIBRATION PULSES ANALYSIS

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

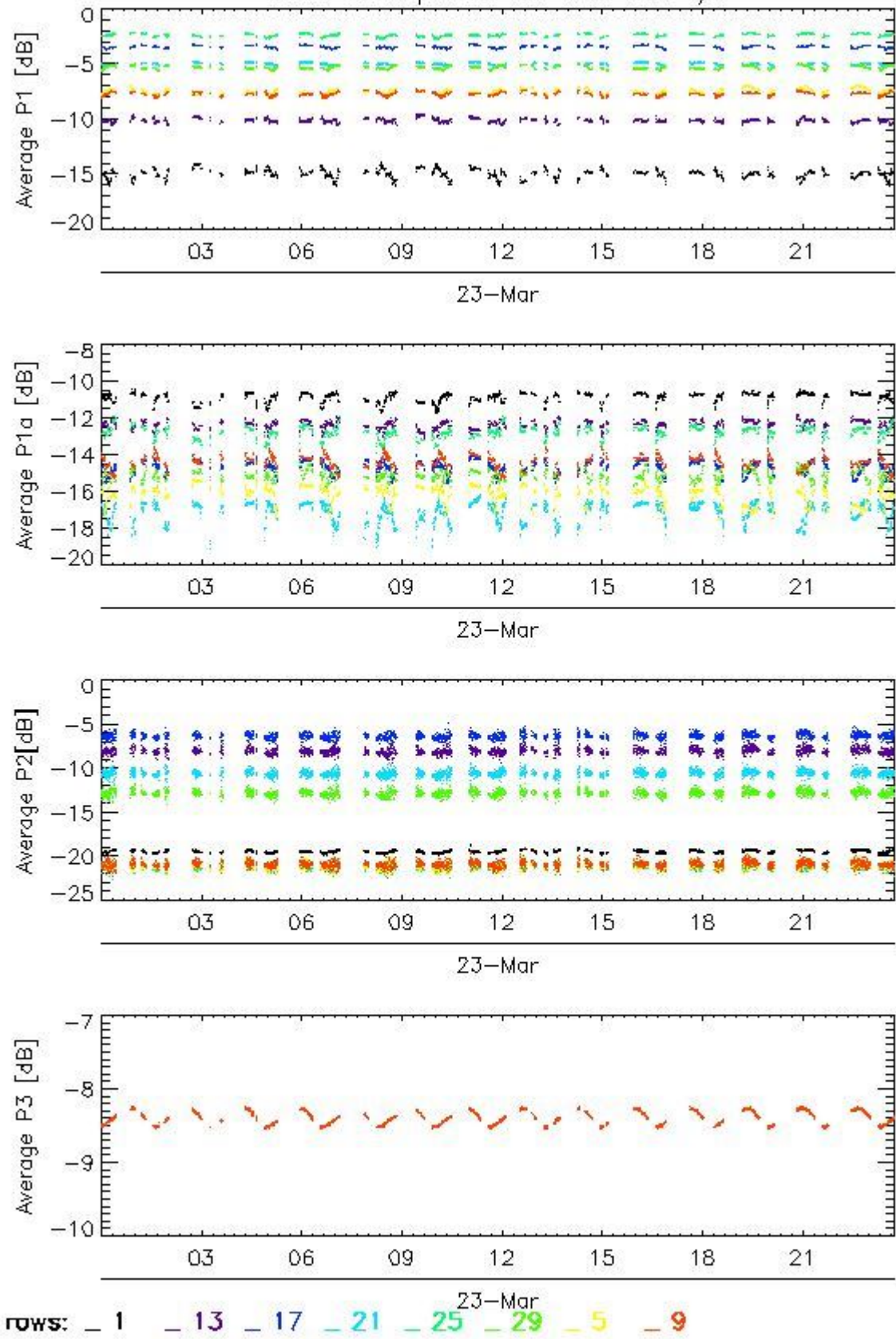
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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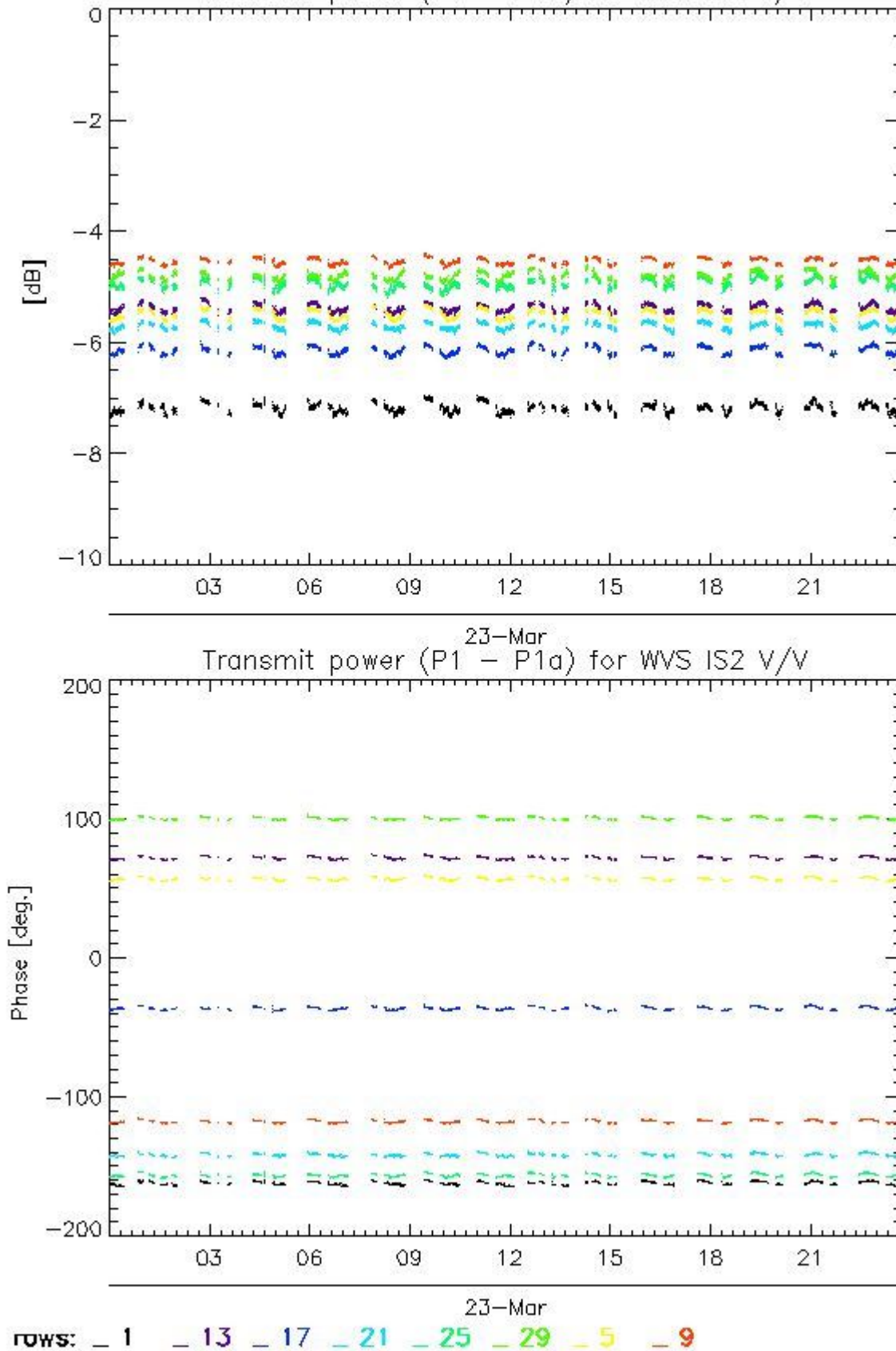
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



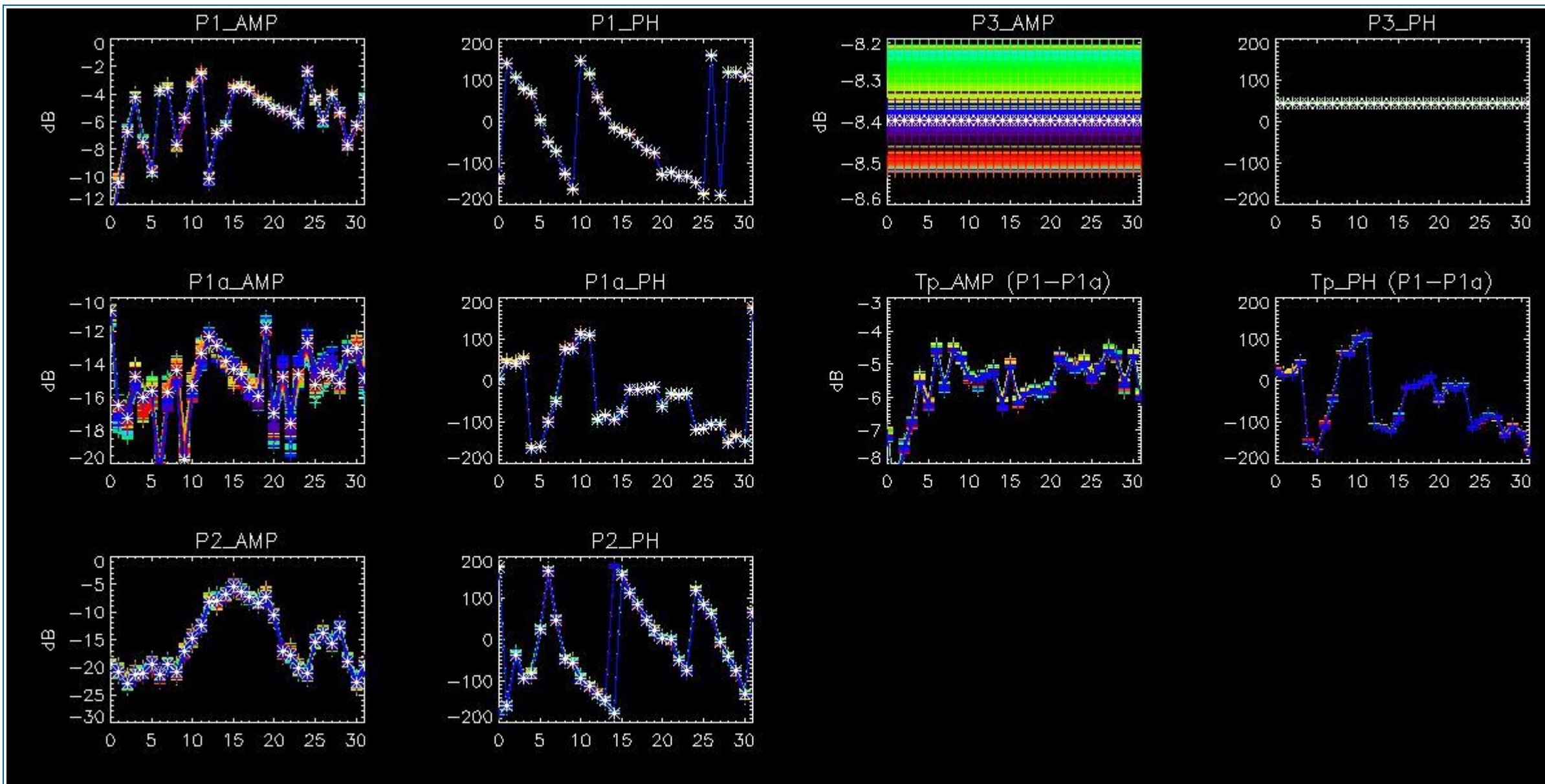
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 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

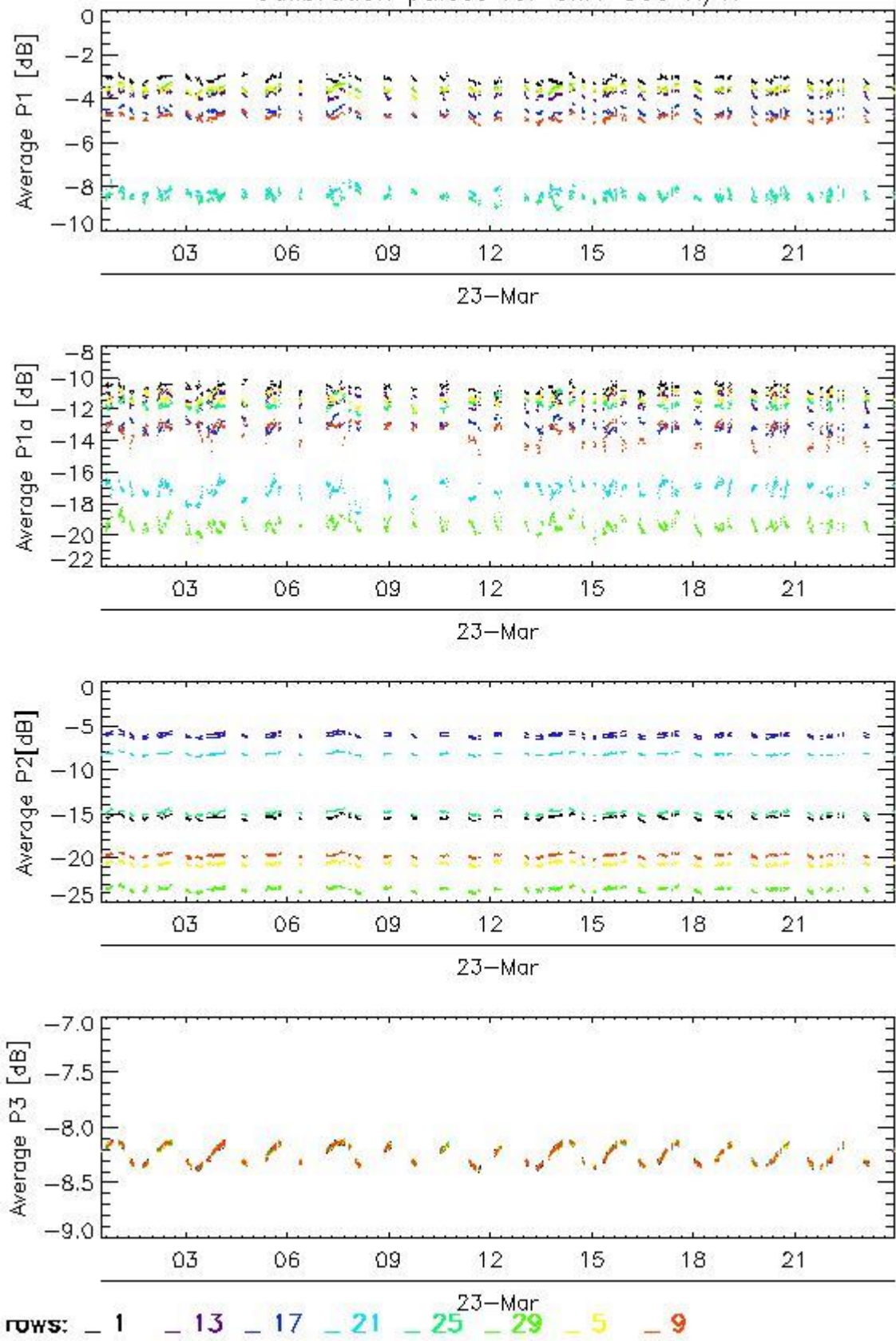
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

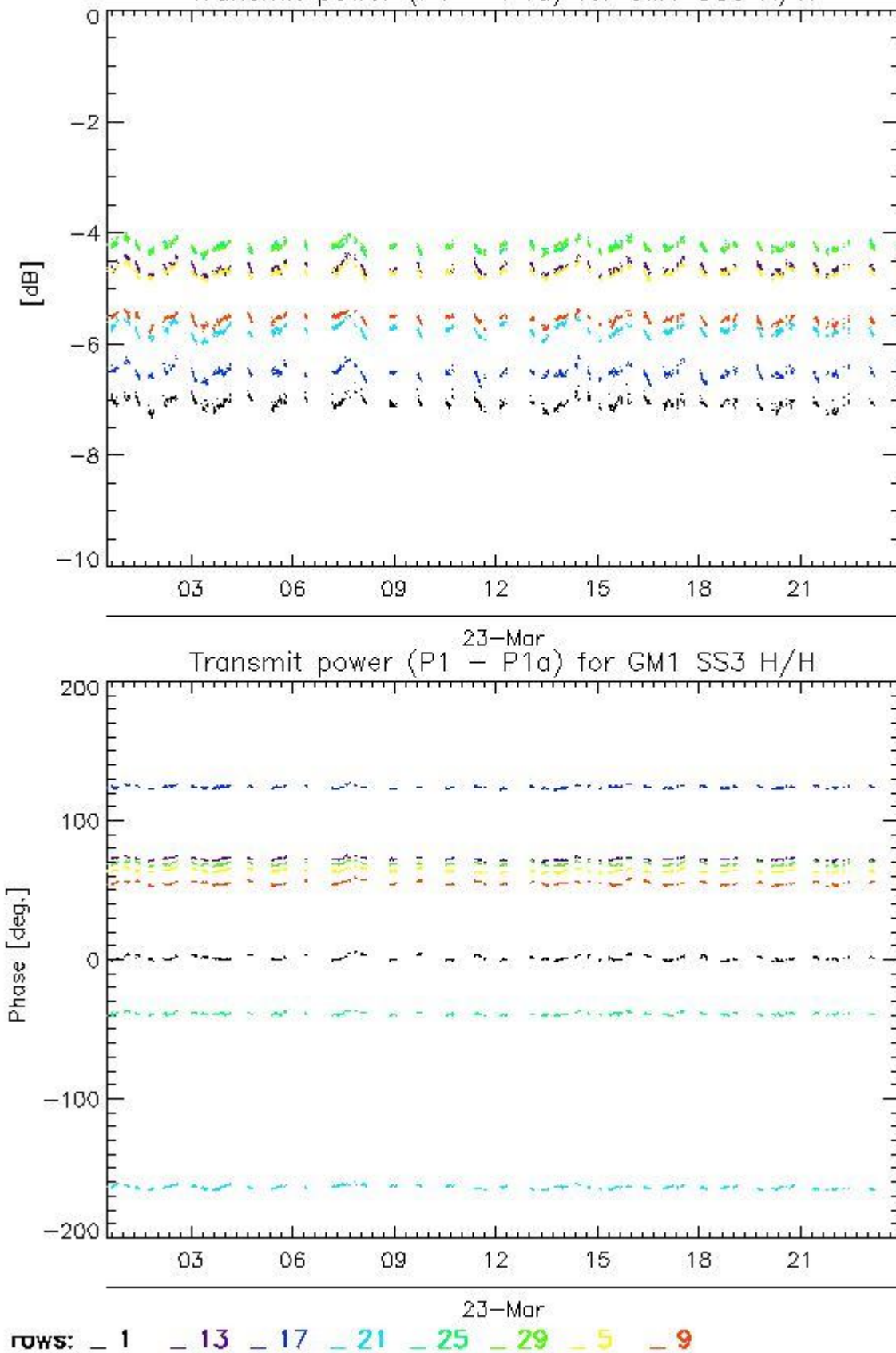
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



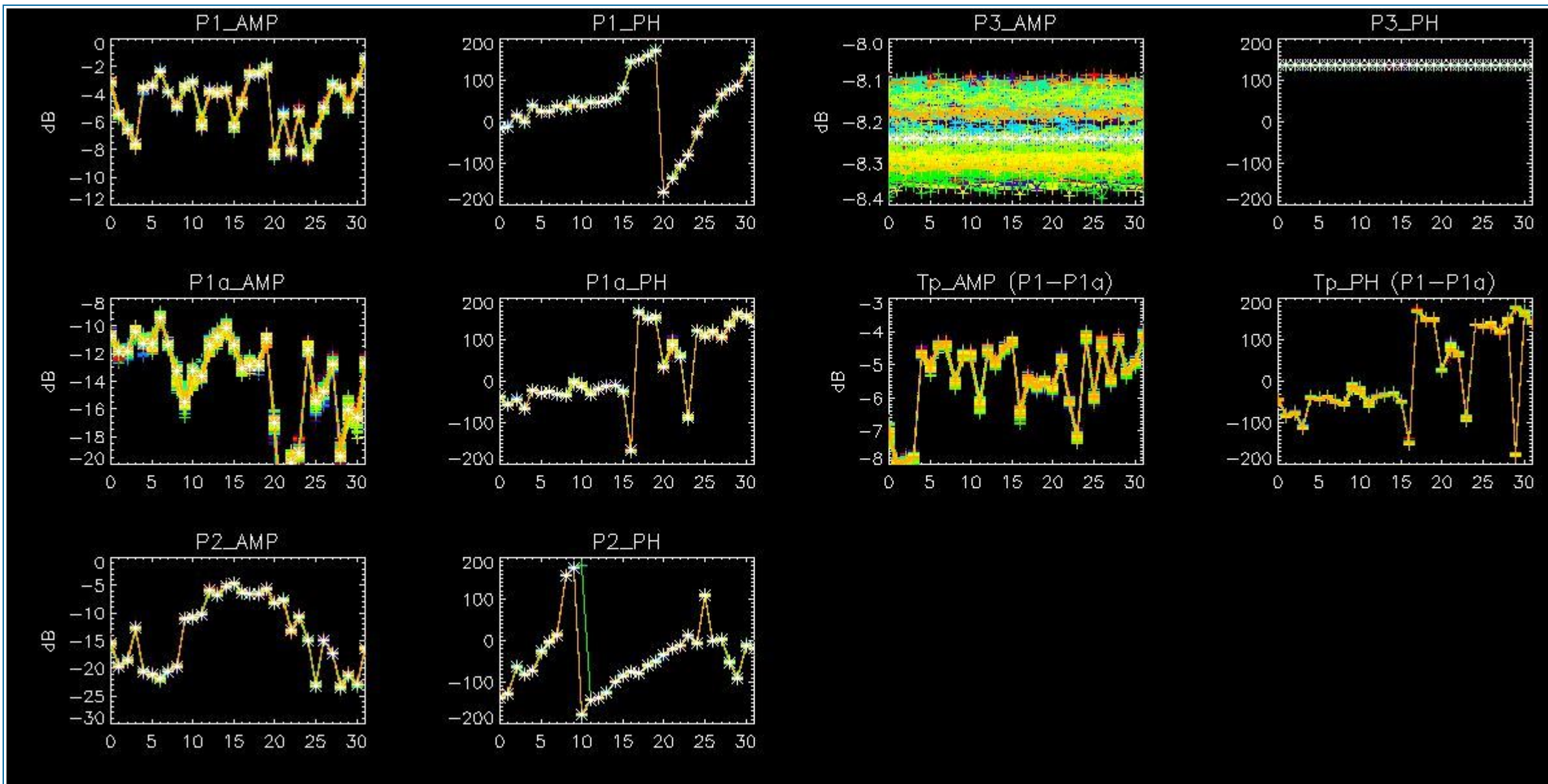
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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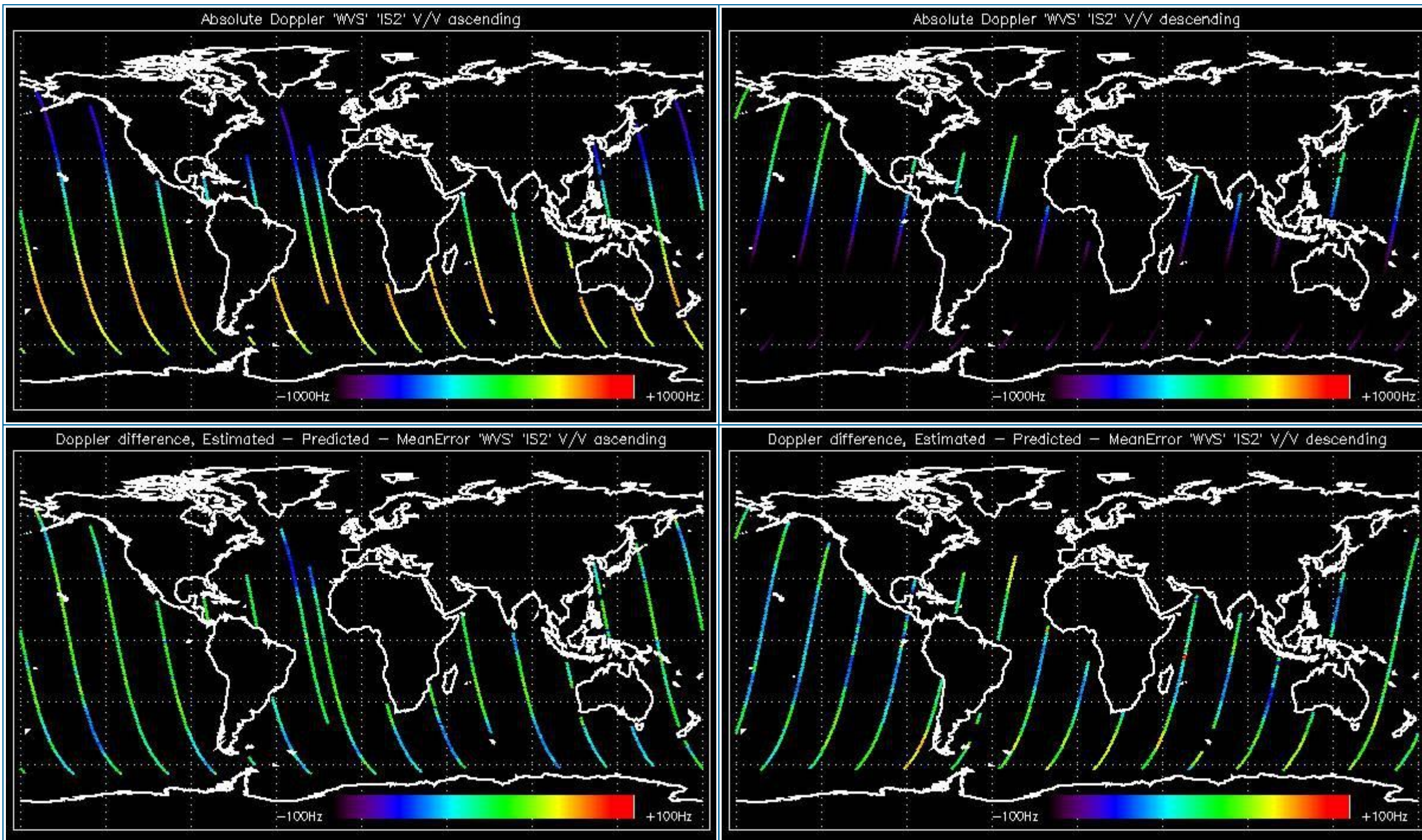
## 5 - DOPPLER ANALYSIS

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

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

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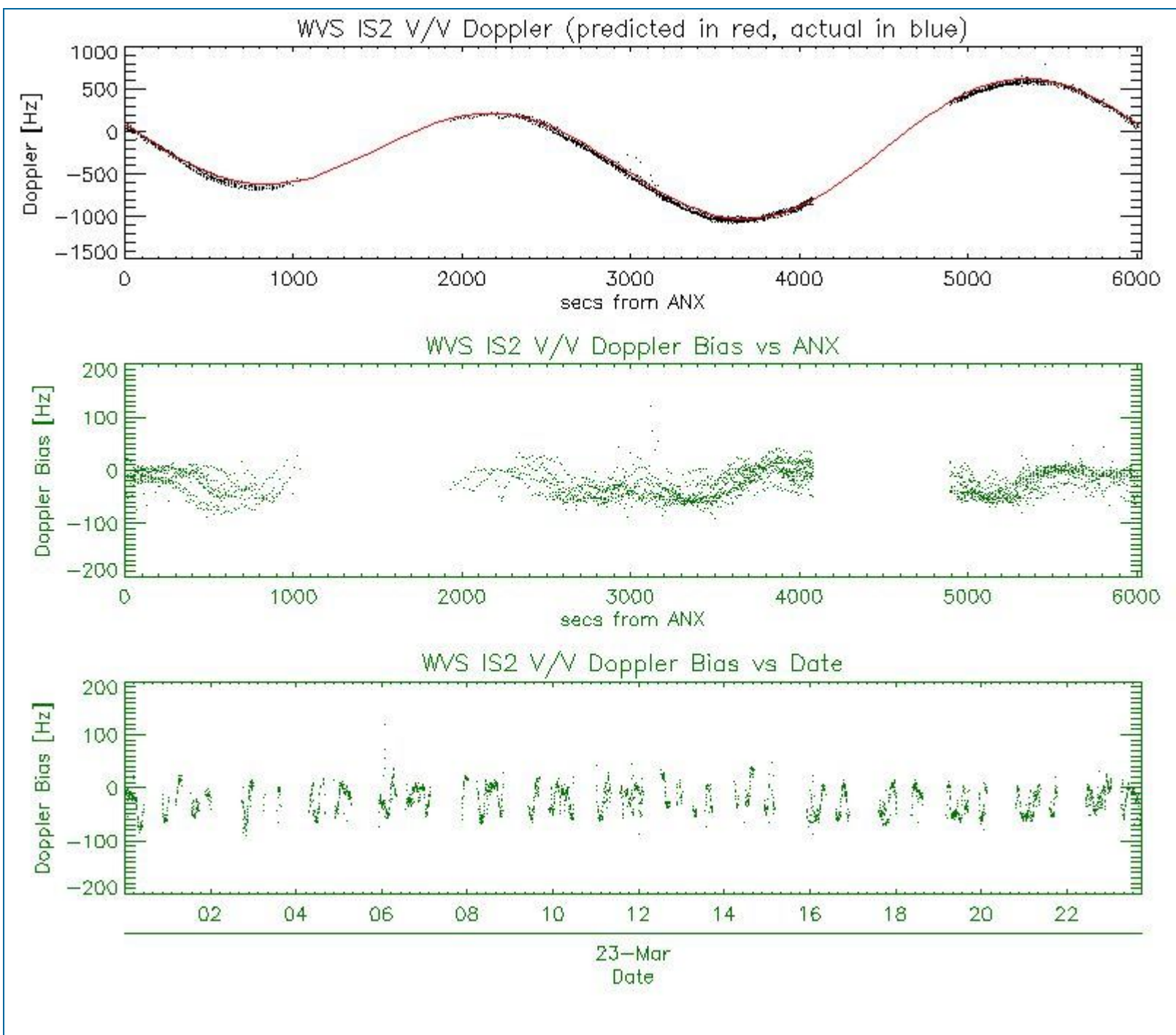




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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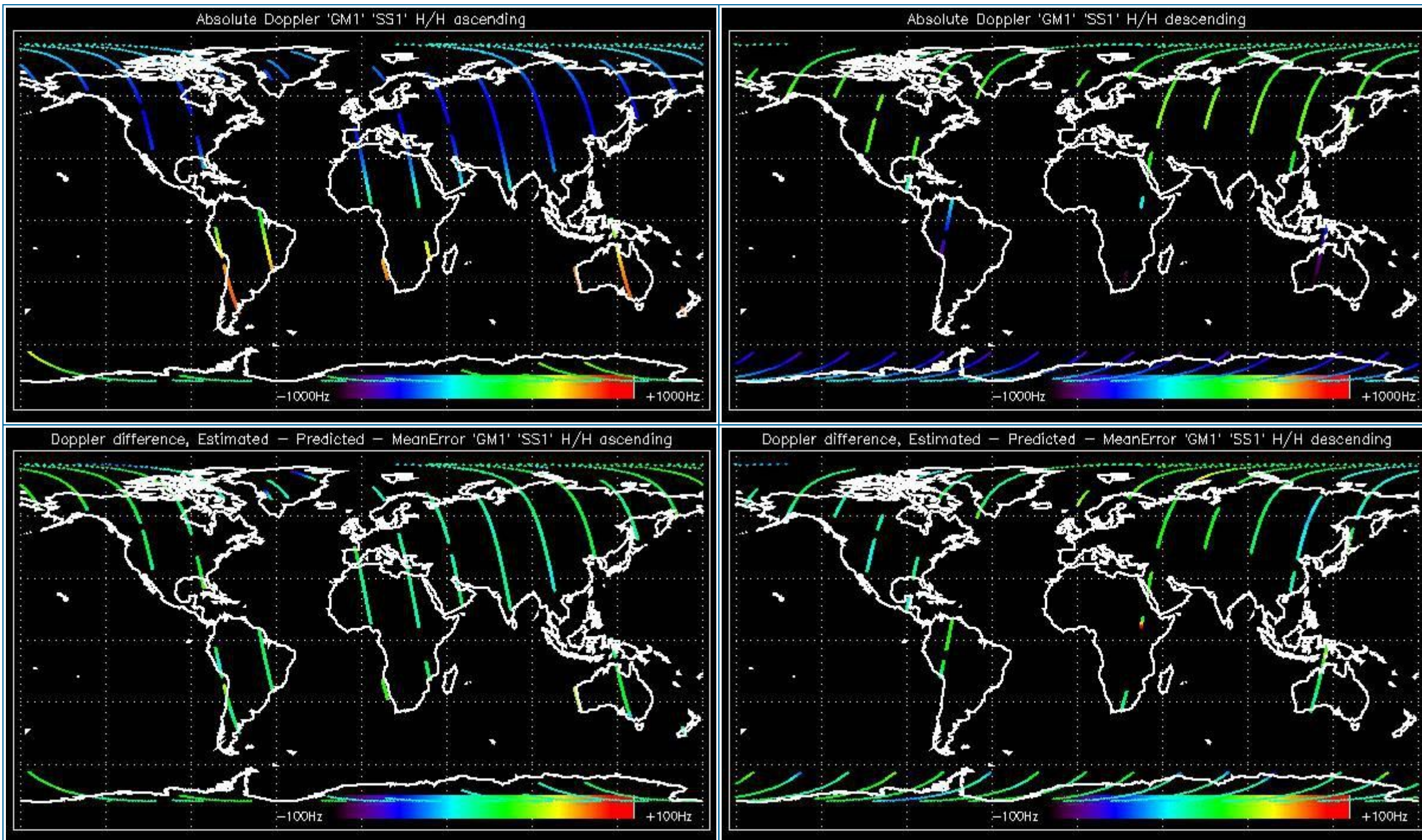


## 5.2 - Analysis for GM1 SS1 H/H

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

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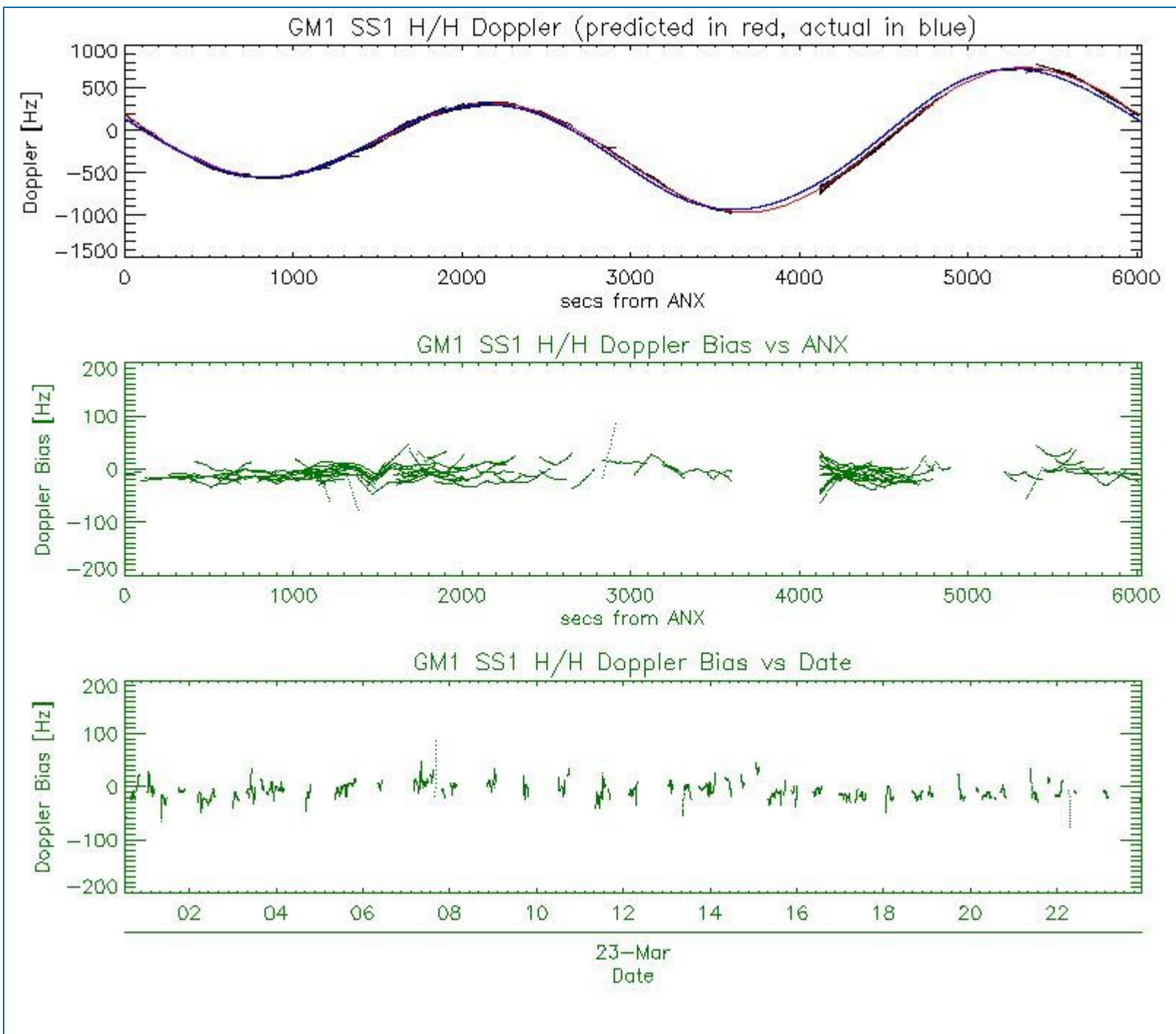




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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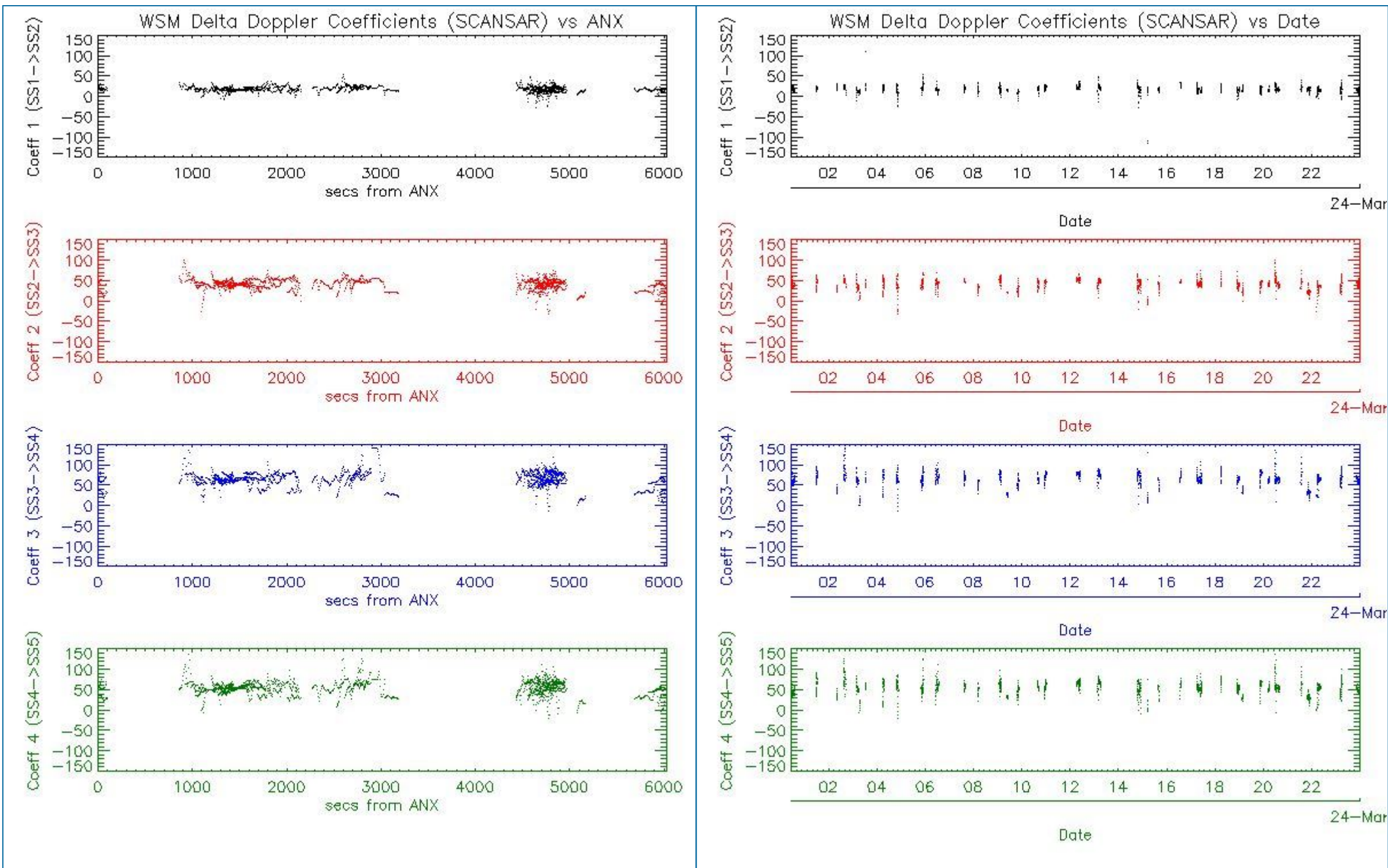




### 5.3 - Doppler JUMPS Analysis for WSM

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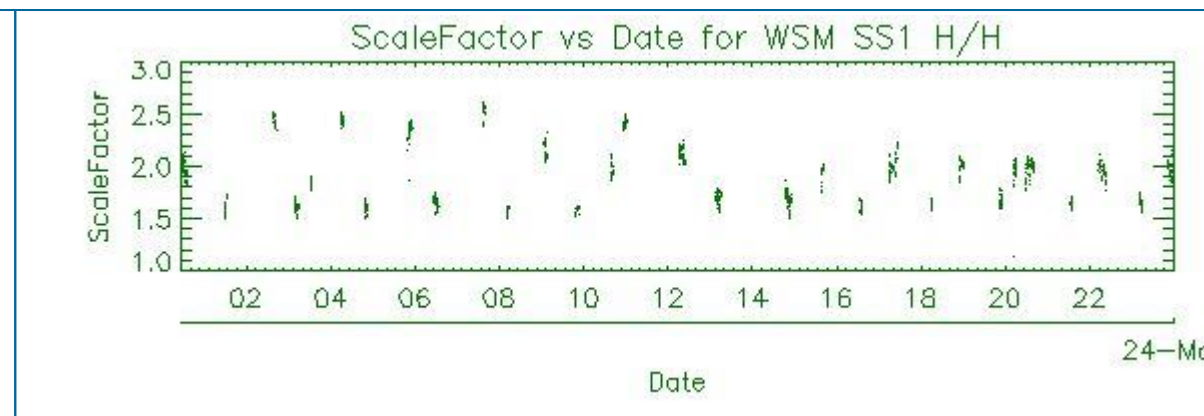
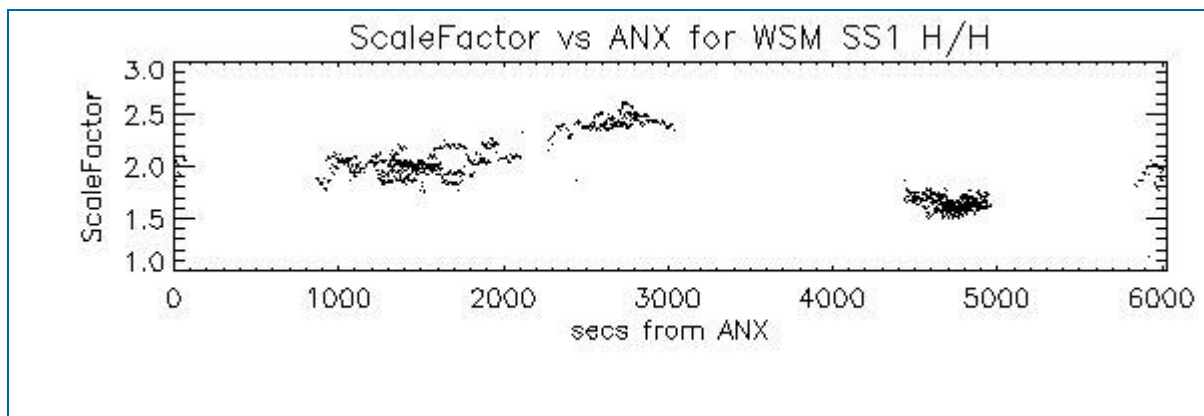
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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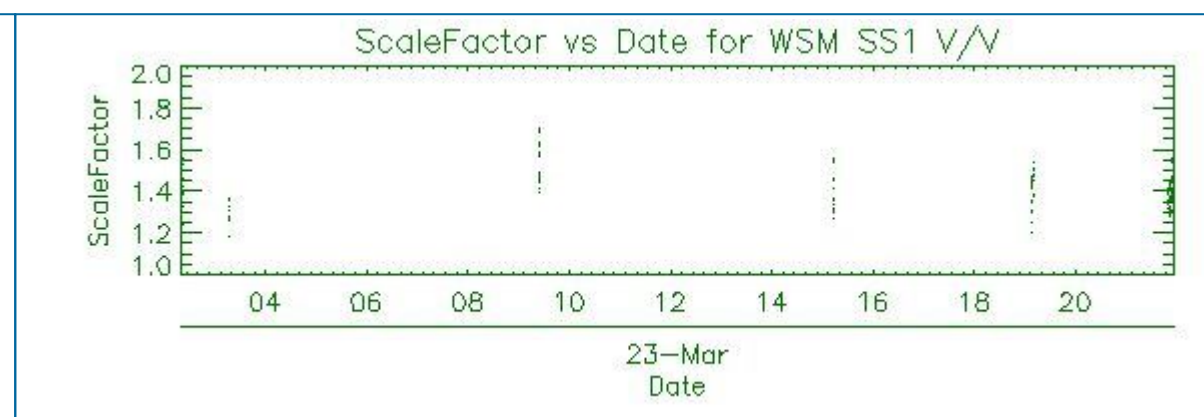
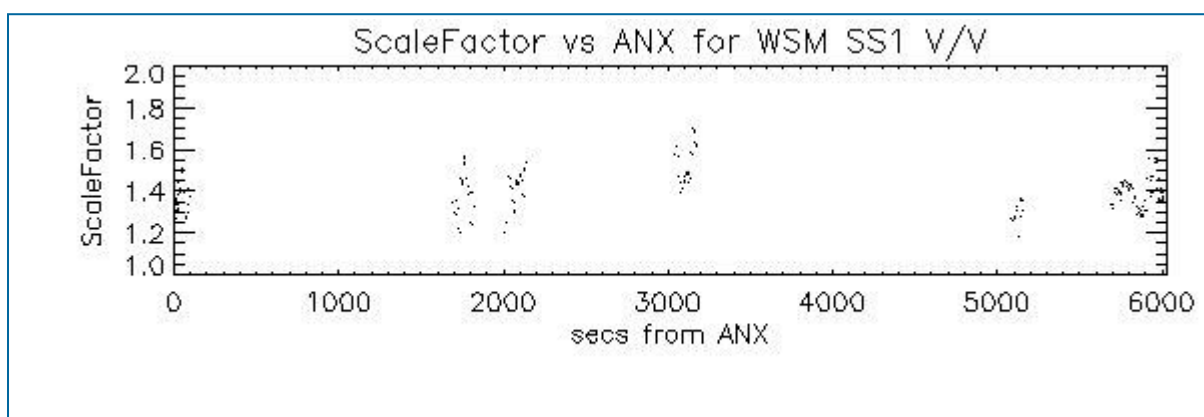




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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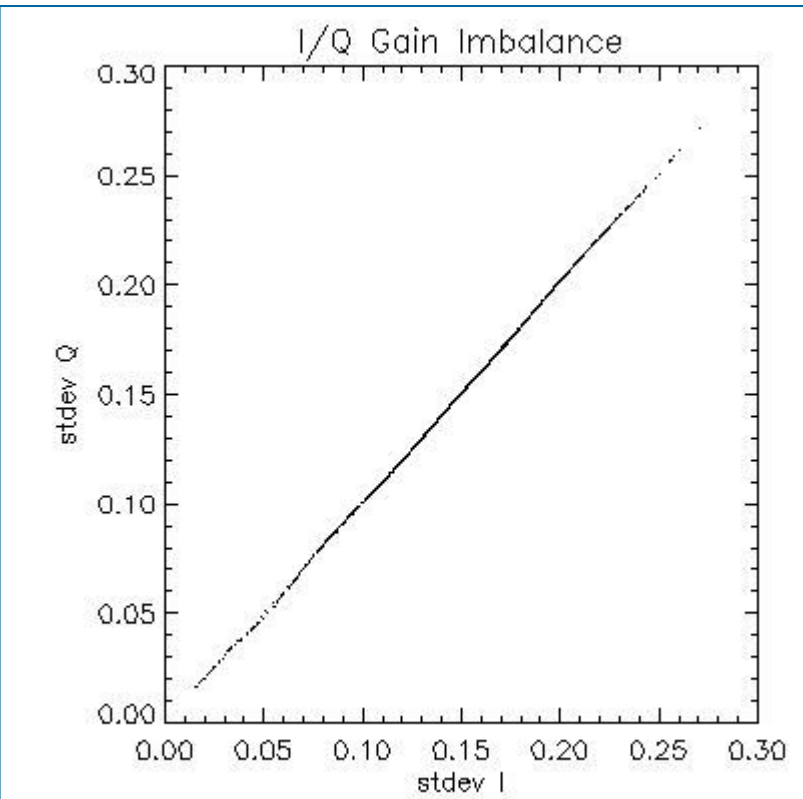
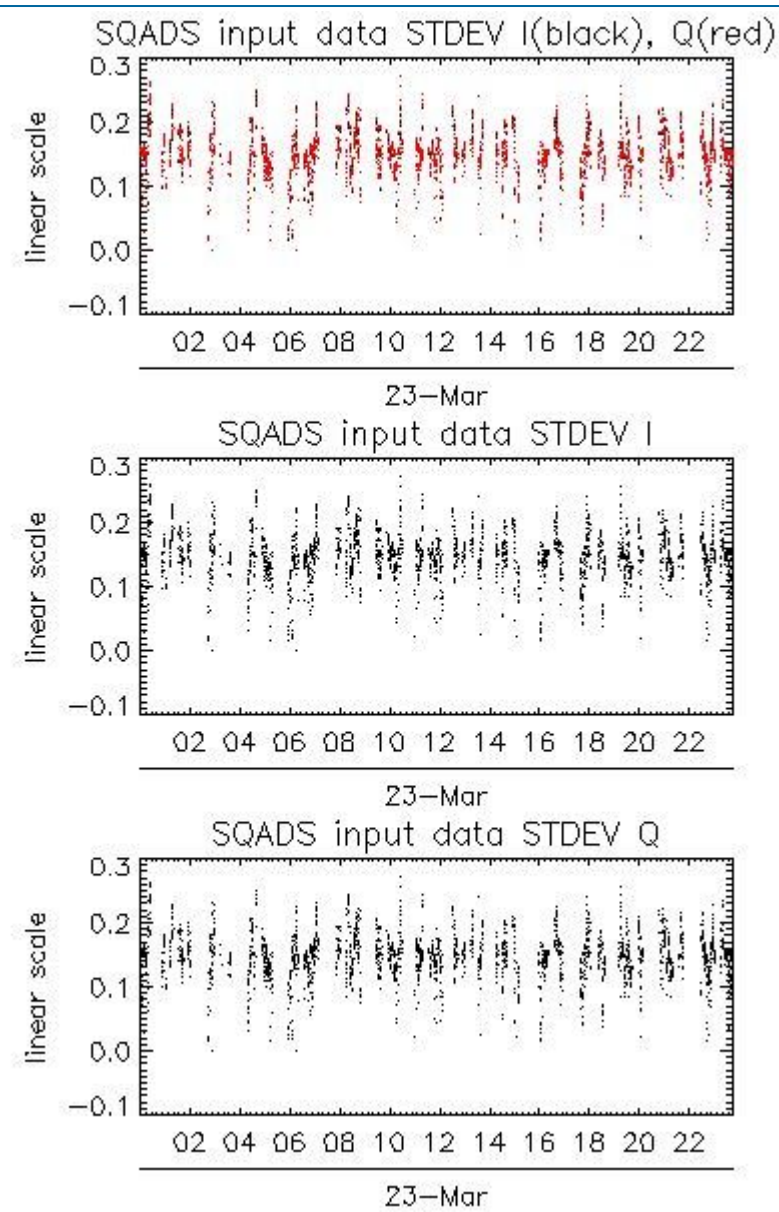
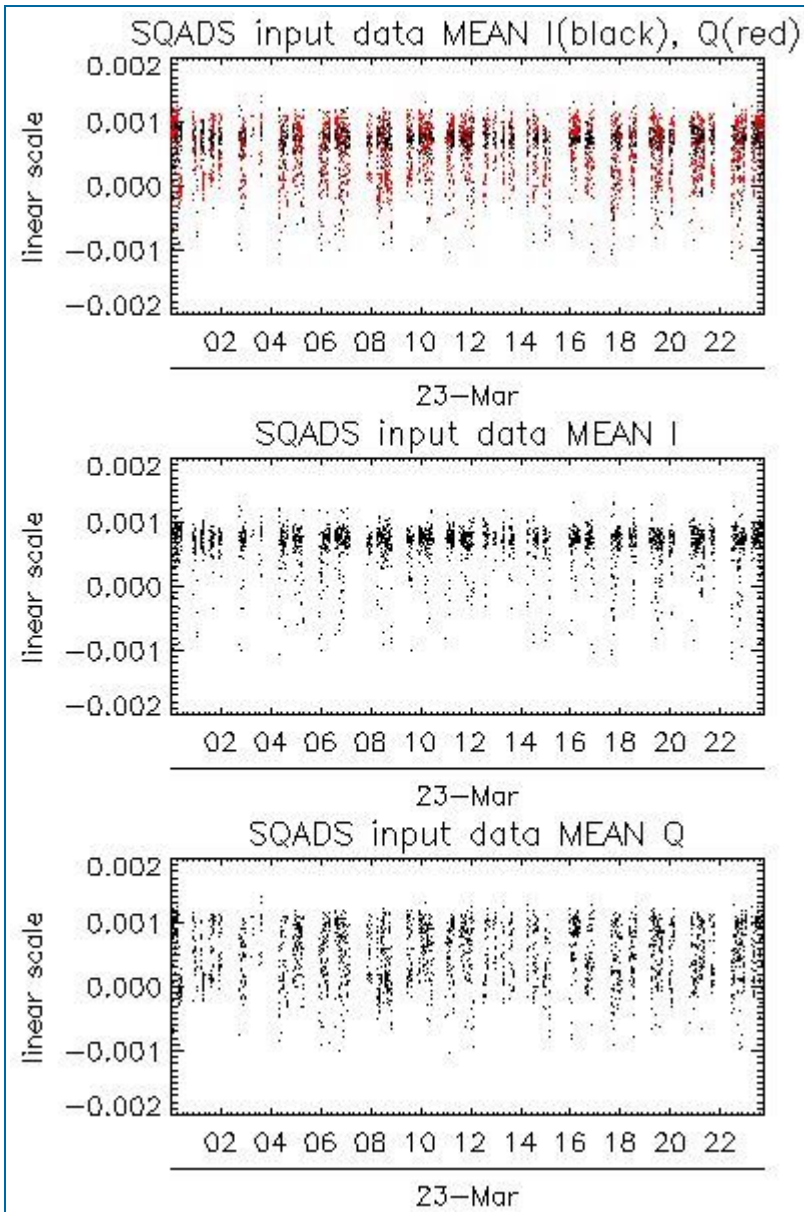
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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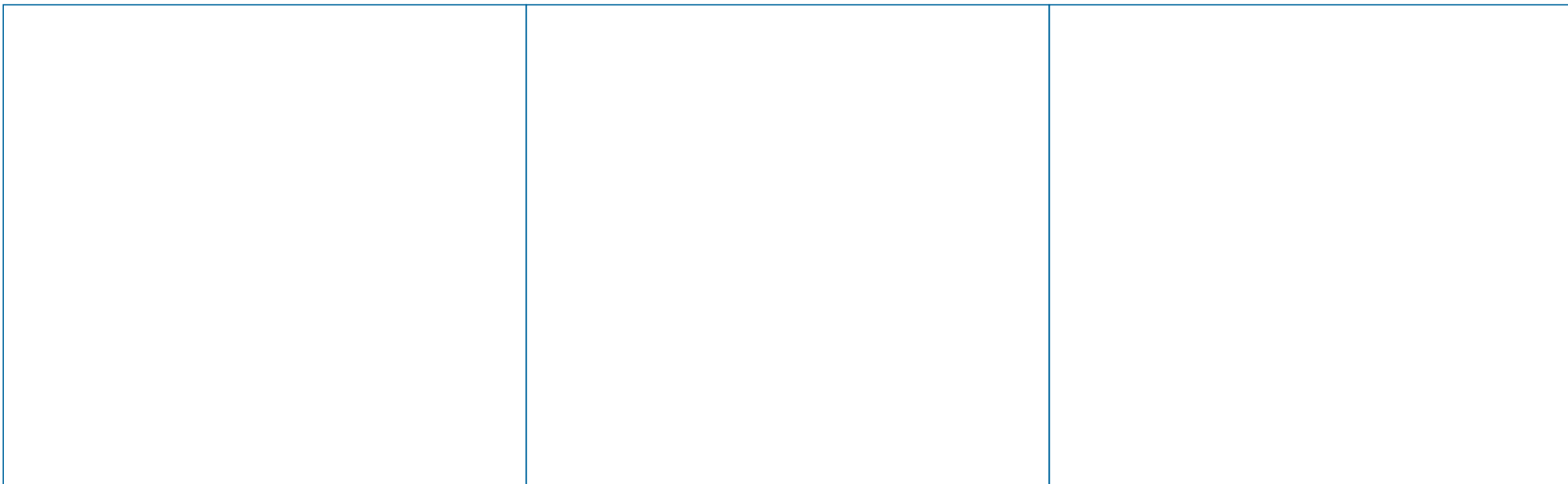


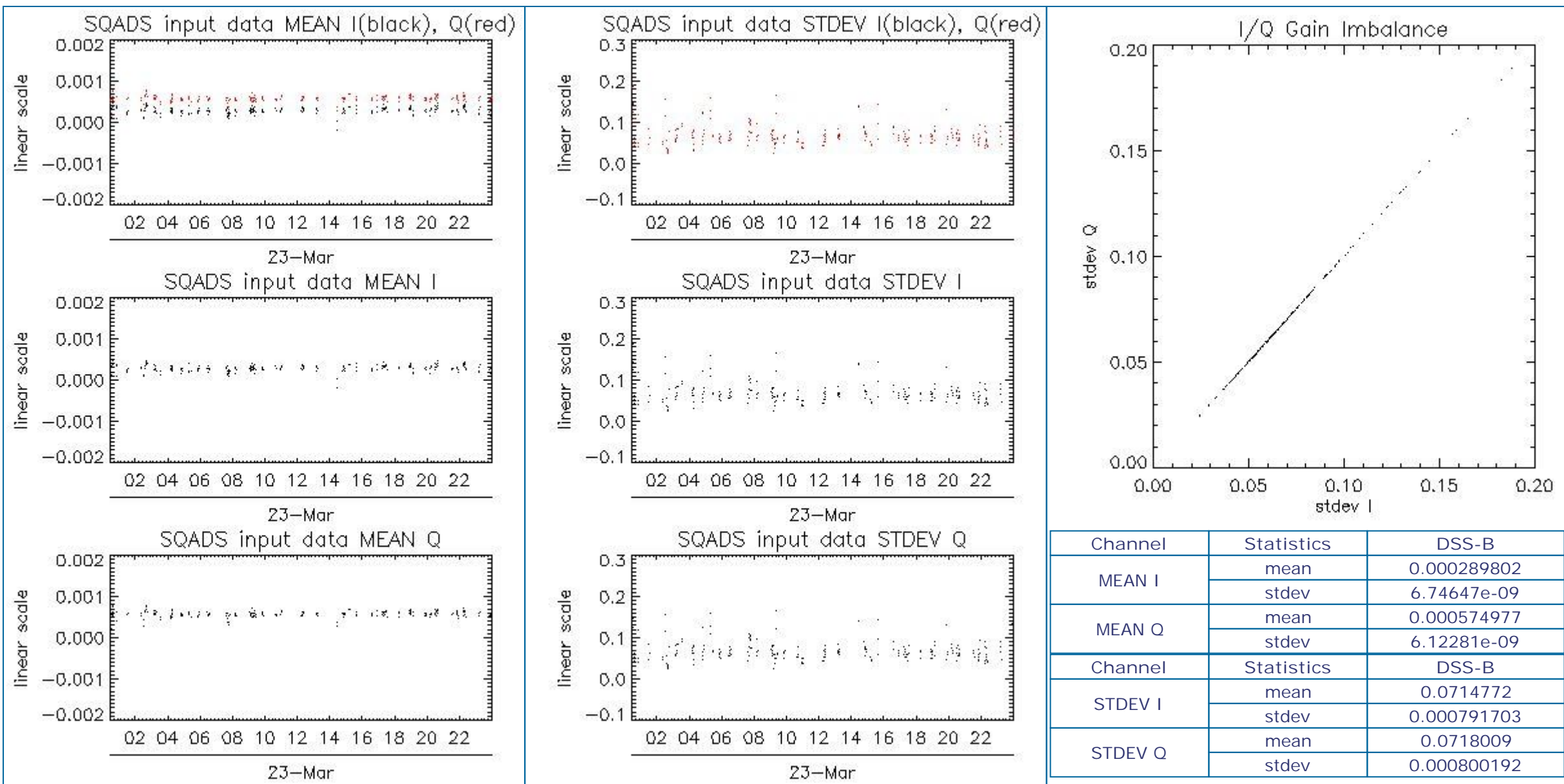


Channel	Statistics	DSS-B
MEAN I	mean	0.000635527
	stdev	1.23986e-07
MEAN Q	mean	0.000529476
	stdev	2.05445e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.147568
	stdev	0.00135383
STDEV Q	mean	0.148128
	stdev	0.00138191

## 7.2 - Analysis for IMM

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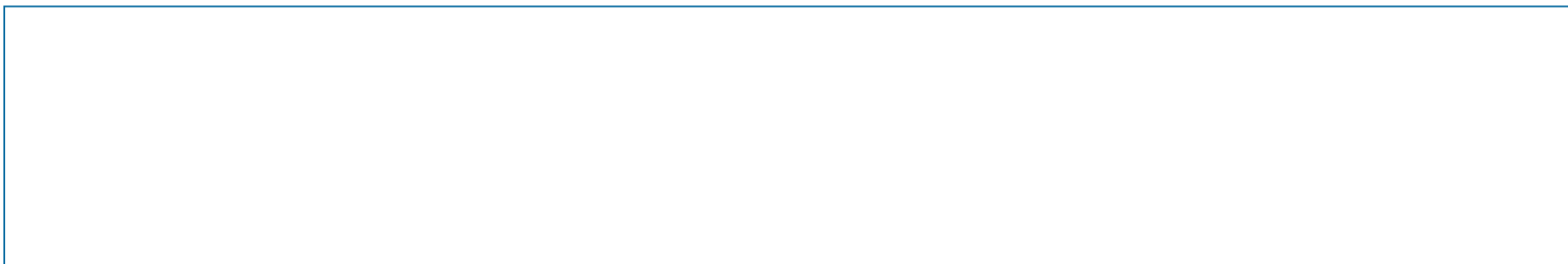


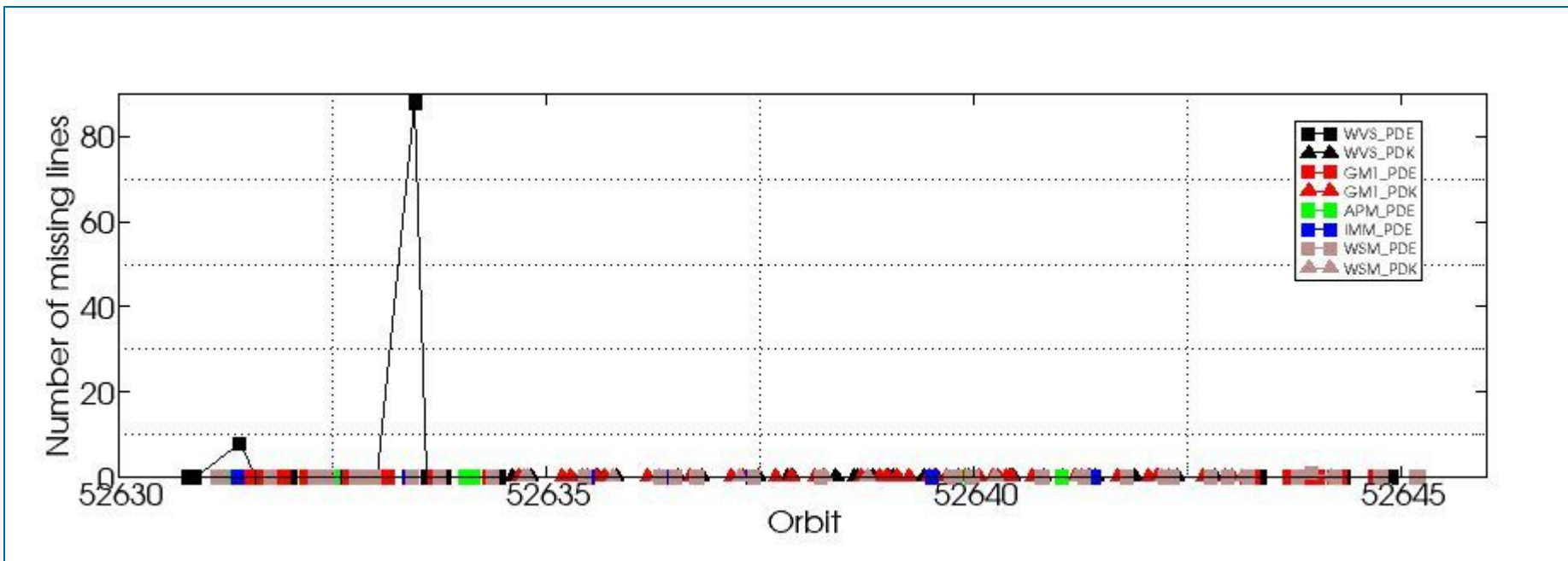
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120323_005240_000005143113_00031_52631_5241.N1	0	8
PDE	ASA_WVS_1PNPDE20120323_013311_000004203113_00031_52631_5244.N1	1	0
PDE	ASA_WVS_1PNPDE20120323_041842_000008693113_00033_52633_5306.N1	0	88
PDE	ASA_WVS_1PNPDE20120323_213615_000003753113_00043_52643_5558.N1	1	0
PDE	ASA_WVS_1PNPDE20120323_231612_000005253113_00044_52644_5586.N1	1	0
PDE	ASA_WSM_1PNPDE20120323_214912_000004343113_00043_52643_5569.N1	0	1

### 8.1 - Number of Missing lines

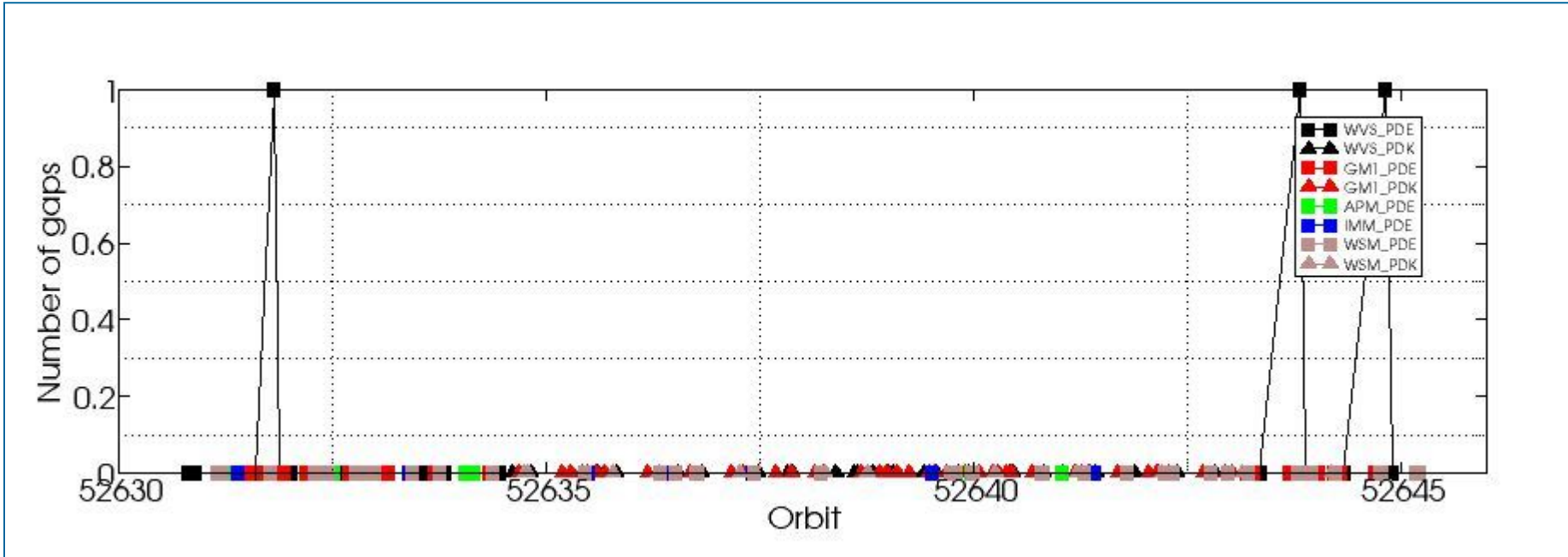
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 120323  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-03-23 00:00:00

Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120323/

DATA SUMMARY  
#####  
Summary will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120323/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120323/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120323/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120323/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120323/AUXILIARY...

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



ADF filter 20120323\*current\_3\_IECF\_ADFs.txt  
 Found list 20120323\_030001\_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\_AXVIEC20120126\_110323\_20110607\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120323_000042_000015443113_00030_52630_5239.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_005240_000005143113_00031_52631_5241.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_011142_000004803113_00031_52631_5243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_013311_000004203113_00031_52631_5244.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_013926_000002703113_00031_52631_5261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_015327_000004193113_00032_52632_5262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_024431_000004203113_00032_52632_5266.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_025116_000005103113_00032_52632_5299.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_031448_000000603113_00032_52632_5303.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_033400_000002543113_00033_52633_5307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_041842_000008693113_00033_52633_5306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_043257_000000753113_00033_52633_5346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_043736_000001503113_00033_52633_5373.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_045339_000014243113_00033_52633_5351.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_055631_000010343113_00034_52634_5354.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_204829_000020393113_00043_52643_5560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_213615_000003753113_00043_52643_5558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_214145_000002403113_00043_52643_5576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_222652_000021443113_00044_52644_5587.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_231612_000005253113_00044_52644_5586.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120323_232412_000012293113_00044_52644_5600.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_061316_000004203113_00034_52634_2274.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_063353_000020393113_00034_52634_2277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_063353_000020393113_00034_52634_2311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_075236_000004803113_00035_52635_2321.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_081407_000021593113_00035_52635_2323.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_092601_000008853113_00036_52636_2363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_095421_000020843113_00036_52636_2365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_110124_000011693113_00037_52637_2400.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_113444_000002703113_00037_52637_2402.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_114123_000014843113_00037_52637_2406.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_123201_000006743113_00038_52638_2449.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_125329_000000753113_00038_52638_2450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_125726_000002253113_00038_52638_2452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_131558_000003303113_00038_52638_2459.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_133340_000002993113_00039_52639_2460.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_133942_000002393113_00039_52639_2462.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_141438_000003143113_00039_52639_2503.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_142855_000007503113_00039_52639_2505.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_145607_000004053113_00039_52639_2506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_150710_000001943113_00039_52639_2509.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_155549_000000893113_00040_52640_2540.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_160014_000012893113_00040_52640_2542.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_163613_000011093113_00040_52640_2544.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_173650_000014993113_00041_52641_2571.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_182131_000009743113_00041_52641_2575.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_191116_000018593113_00042_52642_2603.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120323_195637_000006903113_00042_52642_2606.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20120323_003040_000000783113_00031_52631_5238.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_003826_000004223113_00031_52631_5237.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_004640_000002113113_00031_52631_5240.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_010155_000005863113_00031_52631_5242.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_012022_000004893113_00031_52631_5245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_014436_000005313113_00031_52631_5265.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_021103_000005373113_00032_52632_5264.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_022230_000005193113_00032_52632_5263.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_023252_000001573113_00032_52632_5267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_030031_000005193113_00032_52632_5298.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_031910_000002053113_00032_52632_5297.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_032241_000001933113_00032_52632_5304.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_032651_000002473113_00032_52632_5302.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_033856_000002593113_00033_52633_5301.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_034623_000014503113_00033_52633_5305.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_044047_000004283113_00033_52633_5350.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_052144_000003203113_00034_52634_5349.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_052808_000007793113_00034_52634_5348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_054435_000003323113_00034_52634_5355.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_203321_000001143113_00043_52643_5555.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_204058_000004473113_00043_52643_5557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_212308_000005923113_00043_52643_5559.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_214621_000001693113_00043_52643_5574.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_215642_000006283113_00044_52644_5578.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_221629_000000783113_00044_52644_5577.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_222415_000001503113_00044_52644_5579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_230321_000004343113_00044_52644_5585.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120323_235410_000001503113_00045_52645_5601.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_062101_000003083113_00034_52634_2276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_071010_00000193113_00035_52635_2278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_072122_000005373113_00035_52635_2317.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_073336_000001933113_00035_52635_2318.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_073945_000000843113_00035_52635_2319.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_074948_000001633113_00035_52635_2320.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_080114_000005313113_00035_52635_2322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_085044_000007793113_00036_52636_2324.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_094129_000004413113_00036_52636_2364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_102949_000005613113_00037_52637_2366.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_104252_000001203113_00037_52637_2399.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_112143_000007793113_00037_52637_2403.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_113954_000000783113_00037_52637_2401.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_120643_000005013113_00038_52638_2404.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_121707_000001083113_00038_52638_2405.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_130154_000003863113_00038_52638_2455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_132220_000000963113_00038_52638_2454.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_132407_000003563113_00038_52638_2453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_133100_000001573113_00038_52638_2458.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_134422_000008943113_00039_52639_2463.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_135806_000005373113_00039_52639_2501.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_142039_000002653113_00039_52639_2502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_142631_000001383113_00039_52639_2504.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_144210_000003083113_00039_52639_2507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_150338_000002113113_00039_52639_2508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_152014_000010513113_00040_52640_2510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_153638_000001143113_00040_52640_2536.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_154115_000002053113_00040_52640_2537.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_155243_000001813113_00040_52640_2539.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_155753_000001383113_00040_52640_2541.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_162225_000006773113_00040_52640_2543.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20120323_165752_000009303113_00041_52641_2545.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_171214_000000963113_00041_52641_2567.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_172045_000001873113_00041_52641_2568.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_172711_000001203113_00041_52641_2569.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_173028_000002653113_00041_52641_2570.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_180239_000006713113_00041_52641_2572.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_183829_000004283113_00042_52642_2573.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_184717_000003023113_00042_52642_2576.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_185106_000001873113_00042_52642_2601.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_190133_000003623113_00042_52642_2602.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_194252_000005493113_00042_52642_2605.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_200846_000001573113_00042_52642_2604.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120323_201601_000007613113_00043_52643_2607.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20120323_003641_000000863113_00031_52631_5246.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_024328_000000573113_00032_52632_5258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_051819_000001833113_00034_52634_5352.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_052705_000000413113_00034_52634_5353.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_092037_000001183113_00036_52636_5416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_151058_000000573113_00039_52639_5503.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_165606_000000863113_00041_52641_5505.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120323_172913_000000593113_00041_52641_5509.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20120323_005011_000001403113_00031_52631_5253.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_023106_000000973113_00032_52632_5260.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_041029_000001423113_00033_52633_5293.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_074115_000005033113_00035_52635_5391.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_091054_000000693113_00036_52636_5411.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_091212_000000523113_00036_52636_5414.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_091610_000002213113_00036_52636_5415.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_105457_000000373113_00037_52637_5446.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_142505_000000783113_00039_52639_5500.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_173451_000000373113_00041_52641_5508.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120323_173537_000000623113_00041_52641_5510.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_120323/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20120323_002704_000002083113_00031_52631_5236.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_003204_000002693113_00031_52631_5247.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_003204_000002693113_00031_52631_5248.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_012832_000002323113_00031_52631_5235.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_022001_000001353113_00032_52632_5259.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_023705_000003363113_00032_52632_5257.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_030916_000003303113_00032_52632_5296.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_031628_000000983113_00032_52632_5295.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_033102_000001163113_00032_52632_5300.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WSM_1PNPDE20120323_041412_000002693113_00033_52633_5294.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_044759_000003363113_00033_52633_5347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_055007_000003733113_00034_52634_5344.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_073654_000001653113_00035_52635_5390.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_090636_000000923113_00036_52636_5410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_092330_000001533113_00036_52636_5417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_094852_000002693113_00036_52636_5452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_105637_000002883113_00037_52637_5451.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_121508_000001163113_00038_52638_5467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_144725_000002513113_00039_52639_5501.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_145237_000002143113_00039_52639_5502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_151253_000000983113_00039_52639_5504.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_163342_000001533113_00040_52640_5499.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_172353_000001903113_00041_52641_5507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_181352_000001533113_00041_52641_5506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_185716_000002513113_00042_52642_5535.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_190736_000001533113_00042_52642_5549.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_195203_000002753113_00042_52642_5548.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_201126_000002753113_00042_52642_5550.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_203522_000003303113_00043_52643_5567.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_213303_000001903113_00043_52643_5556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_214912_000004343113_00043_52643_5569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_221754_000003733113_00044_52644_5580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_231041_000003123113_00044_52644_5575.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_235202_000001283113_00045_52645_5597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120323_235645_000002083113_00045_52645_5615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_062613_000001903113_00034_52634_2285.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_062957_000002143113_00034_52634_2287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_081010_000002143113_00035_52635_2332.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_090352_000002693113_00036_52636_2333.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_103914_000002083113_00037_52637_2375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_121900_000003923113_00038_52638_2457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_130827_000004533113_00038_52638_2471.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_153840_000001533113_00040_52640_2522.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_171400_000004043113_00041_52641_2554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_185418_000003733113_00042_52642_2588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_202844_000002693113_00043_52643_2615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120323_221254_000002083113_00044_52644_2630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_120323/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120323/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_120323/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_0PNPDE20120320\_044916\_000000163112\_00421\_52590\_0486.N1

H

H





../../../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20120320\_044916-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20120320\_044916-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20120320\_044916-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20120320\_044916-20010209\_135042.png

Polarization: V  
 Reference product: ASA\_MS\_\_0PNPK20010209\_140823\_00000009A024\_00180\_11700\_0054.N1  
 Test product: ASA\_MS\_\_0PNPK20120320\_062930\_000000163112\_00422\_52591\_1089.N1

V  
 V  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20120320\_062930-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20120320\_062930-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20120320\_062930-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20120320\_062930-20010209\_140823.png

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

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_\_0PNPDE20120319\_052601\_000000163112\_00407\_52576\_0485.N1  
 Test product: ASA\_MS\_\_0PNPDE20120320\_044916\_000000163112\_00421\_52590\_0486.N1

H  
 H  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20120320\_044916-20120319\_052601.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20120320\_044916-20120319\_052601.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20120320\_044916-20120319\_052601.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20120320\_044916-20120319\_052601.png

Polarization: V  
 Reference product: ASA\_MS\_\_0PNPK20120319\_070615\_000000163112\_00408\_52577\_1088.N1  
 Test product: ASA\_MS\_\_0PNPK20120320\_062930\_000000163112\_00422\_52591\_1089.N1

V  
 V  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20120320\_062930-20120319\_070615.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20120320\_062930-20120319\_070615.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20120320\_062930-20120319\_070615.png  
 ../../RESULTS/DAILY/\_120323/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20120320\_062930-20120319\_070615.png

MODULE\_STEPPING ANALYSIS completed  
 #####

CALIBRATION PULSES ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES...

\*\*\*\*\*  
 \*\*\*\*\*  
 ALL ROWS Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

Analysing products WVS IS2 V/V  
 1 85057 7 85057  
 Writing image ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
 Analysing products GM1 SS3 H/H  
 1 36033 7 36033  
 Writing image ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 TEMPORAL EVOLUTION Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59



Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-23\_1.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-23\_2.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-23\_3.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-23\_4.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_120323//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 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-23\_1.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-23\_2.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-23\_3.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-23 00:00:00 to 2012-03-23 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120323/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-23\_4.dat...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_120323//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_120323/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...

Writing file ./RESULTS/DAILY/\_120323/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-03-23.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120323/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-03-23.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120323/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...  
Writing file ./RESULTS/DAILY/\_120323/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-03-23.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120323/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_120323/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

Analysing products WVS IS2 V/V

1218  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -23.005483 Hz  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
1442  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -21.515385 Hz  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2234  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -6.3777044 Hz  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120323//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*



```

2351
Loading predicted doppler values...
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -10.029748 Hz
Writing file ../../RESULTS/DAILY/_120323//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120323//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

```

```

*****
DOPPLER ANALYSIS completed
#####

```

```

CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120323/CHIRP...

```

```

*****
*****
CHIRP Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59

```

```

Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...
Writing file ./RESULTS/DAILY/_120323/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-03-23.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120323/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120323/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

```

```

Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...
Writing file ./RESULTS/DAILY/_120323/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-03-23.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120323/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120323/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

```

```

CHIRP ANALYSIS completed
#####

```

```

RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120323/RAW_DATA

```

```

Creating directory ./RESULTS/DAILY/_120323/RAW_DATA...
*****
Getting raw data for WVS from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...
Writing file ./RESULTS/DAILY/_120323/RAW_DATA/Raw_data_WVS_2012-03-23.dat...
Running IDL program to create graphs...

```

```

Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

```

```
*****
Getting raw data for IMM from 2012-03-23 00:00:00 to 2012-03-23 23:59:59...
Writing file ./RESULTS/DAILY/_120323/RAW_DATA/Raw_data_IMM_2012-03-23.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120323/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

```
#####
```

TELEMETRY ANALYSIS

```
#####
```

```
Analysis will be performed from 2012-03-23 00:00:00 to 2012-03-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120323/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_120323/TELEMETRY...
```

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

```
*****
```

```
Checking 23 products from PDE...
```

```
Found product...ASA_WVS_1PNPDE20120323_005240_000005143113_00031_52631_5241.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120323_013311_000004203113_00031_52631_5244.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120323_041842_000008693113_00033_52633_5306.N1 / 0 gaps / 88 missing lines
Found product...ASA_WVS_1PNPDE20120323_213615_000003753113_00043_52643_5558.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120323_231612_000005253113_00044_52644_5586.N1 / 1 gaps / 0 missing lines
Checking 27 products from PDK...
```

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

```
*****
```

```
Checking 28 products from PDE...
```

```
Checking 44 products from PDK...
```

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

```
*****
```

```
Checking 8 products from PDE...
```

```
No products from PDK...
```

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

```
*****
```

```
Checking 11 products from PDE...
```

```
No products from PDK...
```

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

```
*****
```

```
Checking 35 products from PDE...
```

```
Found product...ASA_WSM_1PNPDE20120323_214912_000004343113_00043_52643_5569.N1 / 0 gaps / 1 missing lines
```

```
Checking 12 products from PDK...
```

```
Creating graph of missing lines and gaps...
```

```
*****
```

```
Creating image: ./RESULTS/DAILY/_120323/TELEMETRY/TELEMETRY_Missing_lines.png...
```

```
Creating image: ./RESULTS/DAILY/_120323/TELEMETRY/TELEMETRY_Gaps.png...
```

TELEMETRY ANALYSIS completed

```
#####
```

HTML REPORT generation

```
#####
```

```
Building file ./RESULTS/DAILY/_120323/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_1PNPDE20120323_003641_000000863113_00031_52631_5246.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_024328_000000573113_00032_52632_5258.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_051819_000001833113_00034_52634_5352.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_052705_000000413113_00034_52634_5353.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_092037_000001183113_00036_52636_5416.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_151058_000000573113_00039_52639_5503.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_165606_000000863113_00041_52641_5505.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120323_172913_000000593113_00041_52641_5509.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_1PNPDE20120323_003040_000000783113_00031_52631_5238.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_003826_000004223113_00031_52631_5237.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_004640_000002113113_00031_52631_5240.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_010155_000005863113_00031_52631_5242.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_012022_000004893113_00031_52631_5245.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_014436_000005313113_00031_52631_5265.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_021103_000005373113_00032_52632_5264.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_022230_000005193113_00032_52632_5263.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_023252_000001573113_00032_52632_5267.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_030031_000005193113_00032_52632_5298.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_031910_000002053113_00032_52632_5297.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_032241_000001933113_00032_52632_5304.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_032651_000002473113_00032_52632_5302.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_033856_000002593113_00033_52633_5301.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_034623_000014503113_00033_52633_5305.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_044047_000004283113_00033_52633_5350.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_052144_000003203113_00034_52634_5349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_052808_000007793113_00034_52634_5348.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_054435_000003323113_00034_52634_5355.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_203321_000001143113_00043_52643_5555.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_204058_000004473113_00043_52643_5557.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_212308_000005923113_00043_52643_5559.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_214621_000001693113_00043_52643_5574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_215642_000006283113_00044_52644_5578.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_221629_000000783113_00044_52644_5577.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_222415_000001503113_00044_52644_5579.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_230321_000004343113_00044_52644_5585.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120323_235410_000001503113_00045_52645_5601.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_062101_000003083113_00034_52634_2276.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_071010_000007193113_00035_52635_2278.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_072122_000005373113_00035_52635_2317.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_073336_000001933113_00035_52635_2318.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_073945_000000843113_00035_52635_2319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_074948_000001633113_00035_52635_2320.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_080114_000005313113_00035_52635_2322.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_085044_000007793113_00036_52636_2324.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_094129_000004413113_00036_52636_2364.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_102949_000005613113_00037_52637_2366.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_104252_000001203113_00037_52637_2399.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_112143_000007793113_00037_52637_2403.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_113954_000000783113_00037_52637_2401.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_120643_000005013113_00038_52638_2404.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_121707_000001083113_00038_52638_2405.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_130154_000003863113_00038_52638_2455.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_132220_000000963113_00038_52638_2454.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_132407_000003563113_00038_52638_2453.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_133100_000001573113_00038_52638_2458.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_134422_000008943113_00039_52639_2463.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_135806_000005373113_00039_52639_2501.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_142039_000002653113_00039_52639_2502.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_142631_000001383113_00039_52639_2504.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_144210_000003083113_00039_52639_2507.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_150338_000002113113_00039_52639_2508.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_152014_000010513113_00040_52640_2510.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_153638_000001143113_00040_52640_2536.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_154115_000002053113_00040_52640_2537.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_155243_000001813113_00040_52640_2539.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_155753_000001383113_00040_52640_2541.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_162225_000006773113_00040_52640_2543.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_165752_000009303113_00041_52641_2545.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_171214_000000963113_00041_52641_2567.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_172045_000001873113_00041_52641_2568.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_172711_000001203113_00041_52641_2569.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_173028_000002653113_00041_52641_2570.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120323_180239_000006713113_00041_52641_2572.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_183829_000004283113_00042_52642_2573.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_184717_000003023113_00042_52642_2576.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_185106_000001873113_00042_52642_2601.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_190133_000003623113_00042_52642_2602.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_194252_000005493113_00042_52642_2605.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_200846_000001573113_00042_52642_2604.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120323_201601_000007613113_00043_52643_2607.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_1PNPDE20120323_005011_000001403113_00031_52631_5253.N1				
ASA_IMM_1PNPDE20120323_023106_000000973113_00032_52632_5260.N1				
ASA_IMM_1PNPDE20120323_041029_000001423113_00033_52633_5293.N1				
ASA_IMM_1PNPDE20120323_074115_000005033113_00035_52635_5391.N1				
ASA_IMM_1PNPDE20120323_091054_000000693113_00036_52636_5411.N1				
ASA_IMM_1PNPDE20120323_091212_000000523113_00036_52636_5414.N1				
ASA_IMM_1PNPDE20120323_091610_000002213113_00036_52636_5415.N1				
ASA_IMM_1PNPDE20120323_105457_000000373113_00037_52637_5446.N1				
ASA_IMM_1PNPDE20120323_142505_000000783113_00039_52639_5500.N1				
ASA_IMM_1PNPDE20120323_173451_000000373113_00041_52641_5508.N1				
ASA_IMM_1PNPDE20120323_173537_000000623113_00041_52641_5510.N1				

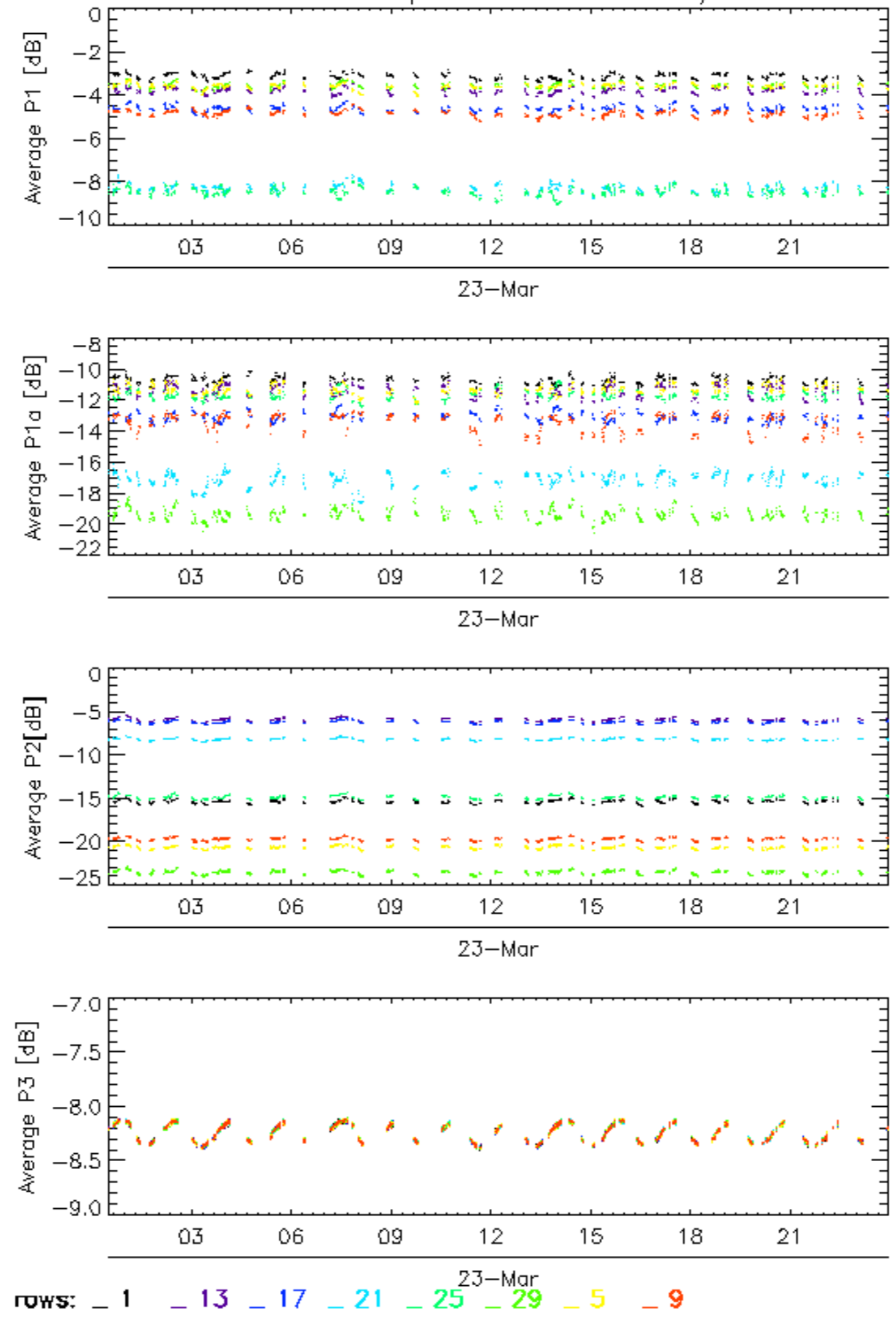
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120323_002704_000002083113_00031_52631_5236.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_003204_000002693113_00031_52631_5247.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_003204_000002693113_00031_52631_5248.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_012832_000002323113_00031_52631_5235.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_022001_000001353113_00032_52632_5259.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_023705_000003363113_00032_52632_5257.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_030916_000003303113_00032_52632_5296.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_031628_000000983113_00032_52632_5295.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_033102_000001163113_00032_52632_5300.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_041412_000002693113_00033_52633_5294.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_044759_000003363113_00033_52633_5347.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_055007_000003733113_00034_52634_5344.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_073654_000001653113_00035_52635_5390.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_090636_000000923113_00036_52636_5410.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_092330_000001533113_00036_52636_5417.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_094852_000002693113_00036_52636_5452.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_105637_000002883113_00037_52637_5451.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_121508_000001163113_00038_52638_5467.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_144725_000002513113_00039_52639_5501.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_145237_000002143113_00039_52639_5502.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_151253_000000983113_00039_52639_5504.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_163342_000001533113_00040_52640_5499.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_172353_000001903113_00041_52641_5507.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_181352_000001533113_00041_52641_5506.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_185716_000002513113_00042_52642_5535.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_190736_000001533113_00042_52642_5549.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_195203_000002753113_00042_52642_5548.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_201126_000002753113_00042_52642_5550.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_203522_000003303113_00043_52643_5567.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_213303_000001903113_00043_52643_5556.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_214912_000004343113_00043_52643_5569.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_221754_000003733113_00044_52644_5580.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_231041_000003123113_00044_52644_5575.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_235202_000001283113_00045_52645_5597.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120323_235645_000002083113_00045_52645_5615.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_062613_000001903113_00034_52634_2285.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_062957_000002143113_00034_52634_2287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_081010_000002143113_00035_52635_2332.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_090352_000002693113_00036_52636_2333.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_103914_000002083113_00037_52637_2375.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_121900_000003923113_00038_52638_2457.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_130827_000004533113_00038_52638_2471.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_153840_000001533113_00040_52640_2522.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_171400_000004043113_00041_52641_2554.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_185418_000003733113_00042_52642_2588.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_202844_000002693113_00043_52643_2615.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120323_221254_000002083113_00044_52644_2630.N1					OK	OK	OK	OK

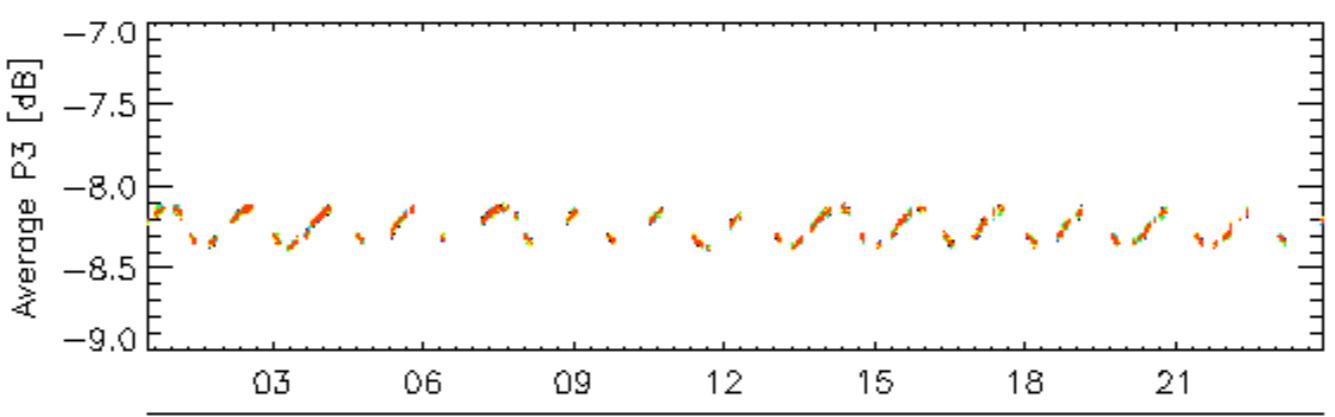
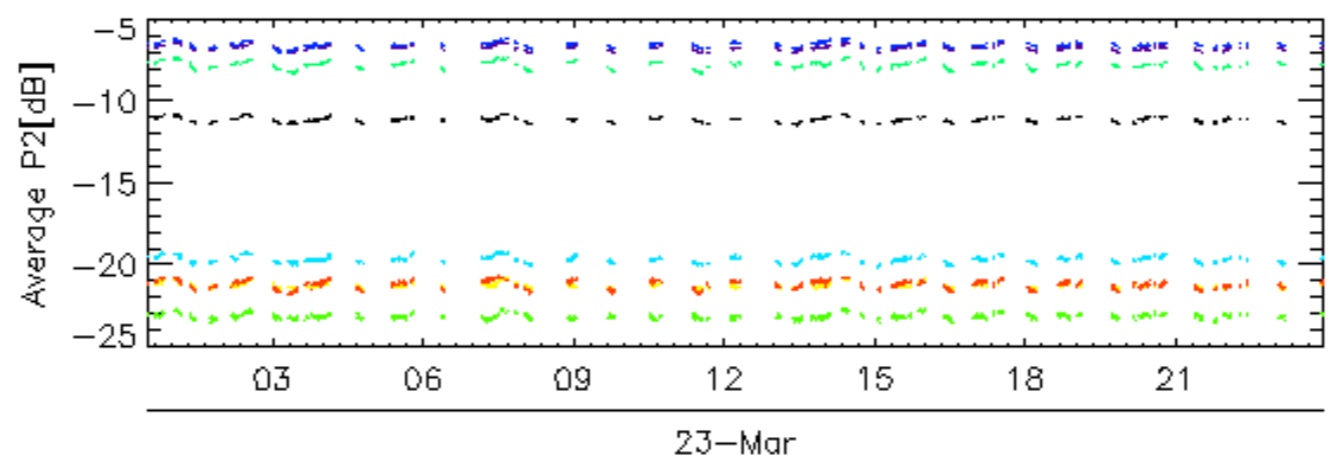
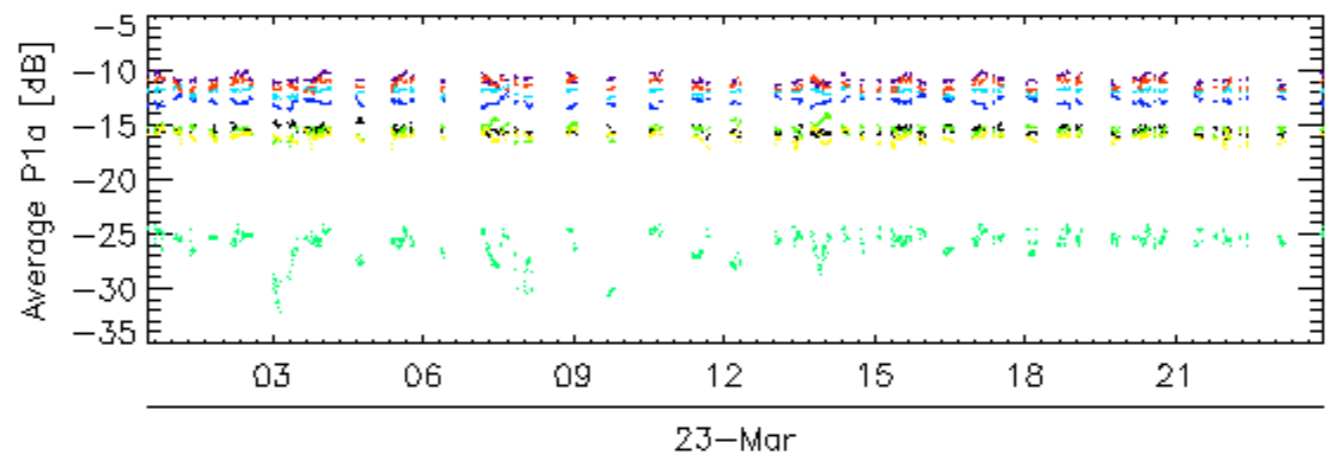
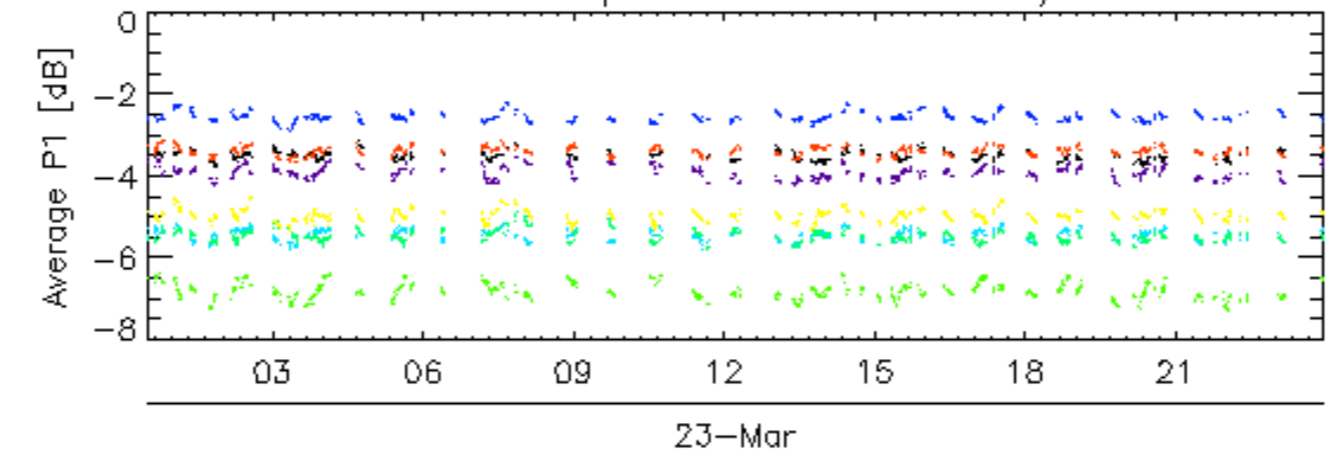
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20120323_000042_000015443113_00030_52630_5239.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_005240_000005143113_00031_52631_5241.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_011142_000004803113_00031_52631_5243.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_013311_000004203113_00031_52631_5244.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_013926_000002703113_00031_52631_5261.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_015327_000004193113_00032_52632_5262.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_024431_000004203113_00032_52632_5266.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_025116_000005103113_00032_52632_5299.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_031448_000000603113_00032_52632_5303.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_033400_000002543113_00033_52633_5307.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_041842_000008693113_00033_52633_5306.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_043257_000000753113_00033_52633_5346.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_043736_000001503113_00033_52633_5373.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_045339_000014243113_00033_52633_5351.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_055631_000010343113_00034_52634_5354.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_204829_000020393113_00043_52643_5560.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_213615_000003753113_00043_52643_5558.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120323_214145_000002403113_00043_52643_5576.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120323_092601_000008853113_00036_52636_2363.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_095421_000020843113_00036_52636_2365.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_110124_000011693113_00037_52637_2400.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_113444_000002703113_00037_52637_2402.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_114123_000014843113_00037_52637_2406.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_123201_000006743113_00038_52638_2449.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_125329_000000753113_00038_52638_2450.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_125726_000002253113_00038_52638_2452.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_131558_000003303113_00038_52638_2459.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_133340_000002993113_00039_52639_2460.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_133942_000002393113_00039_52639_2462.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_141438_000003143113_00039_52639_2503.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120323_173650_000014993113_00041_52641_2571.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_182131_000009743113_00041_52641_2575.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120323_191116_000018593113_00042_52642_2603.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

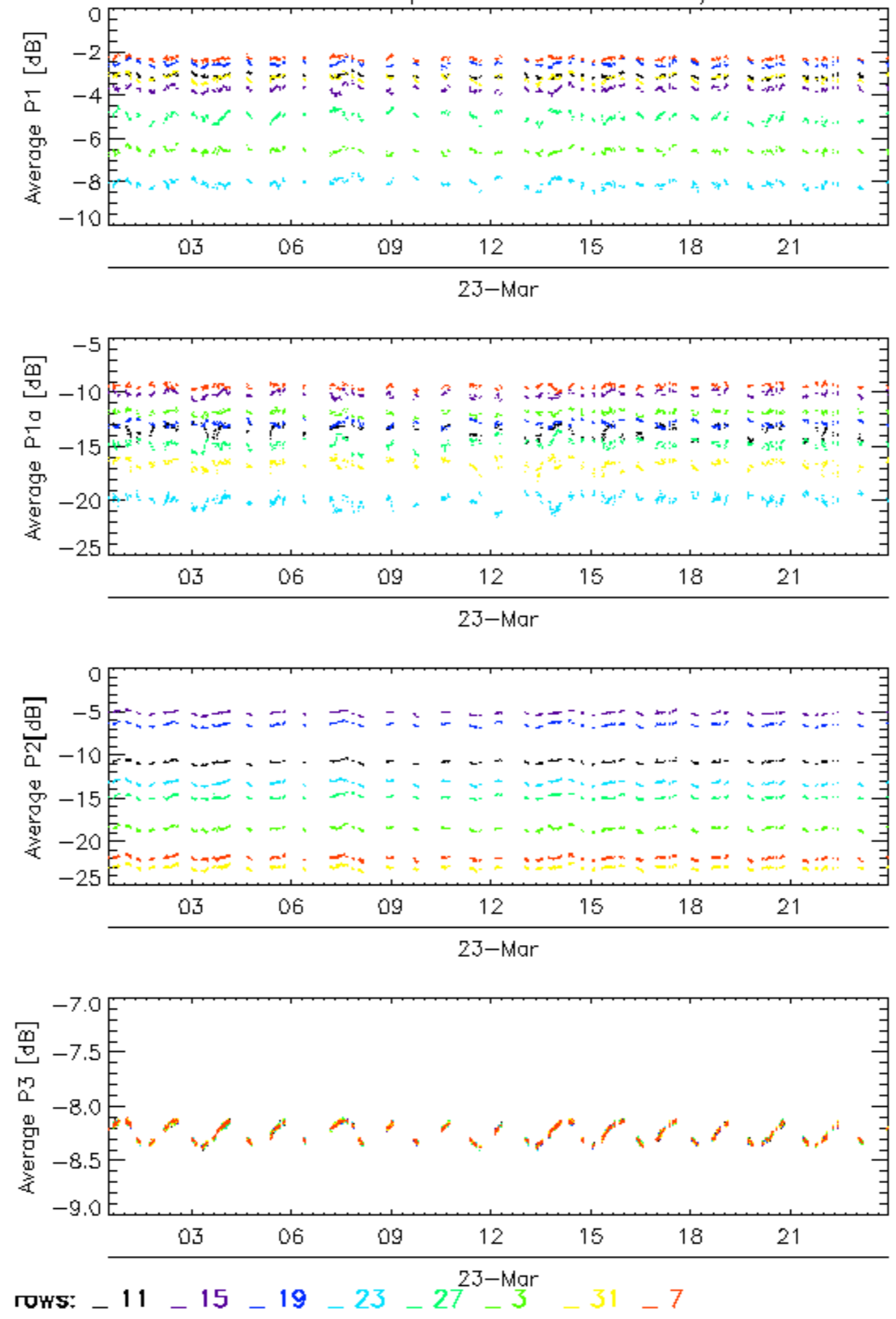


Calibration pulses for GM1 SS3 H/H



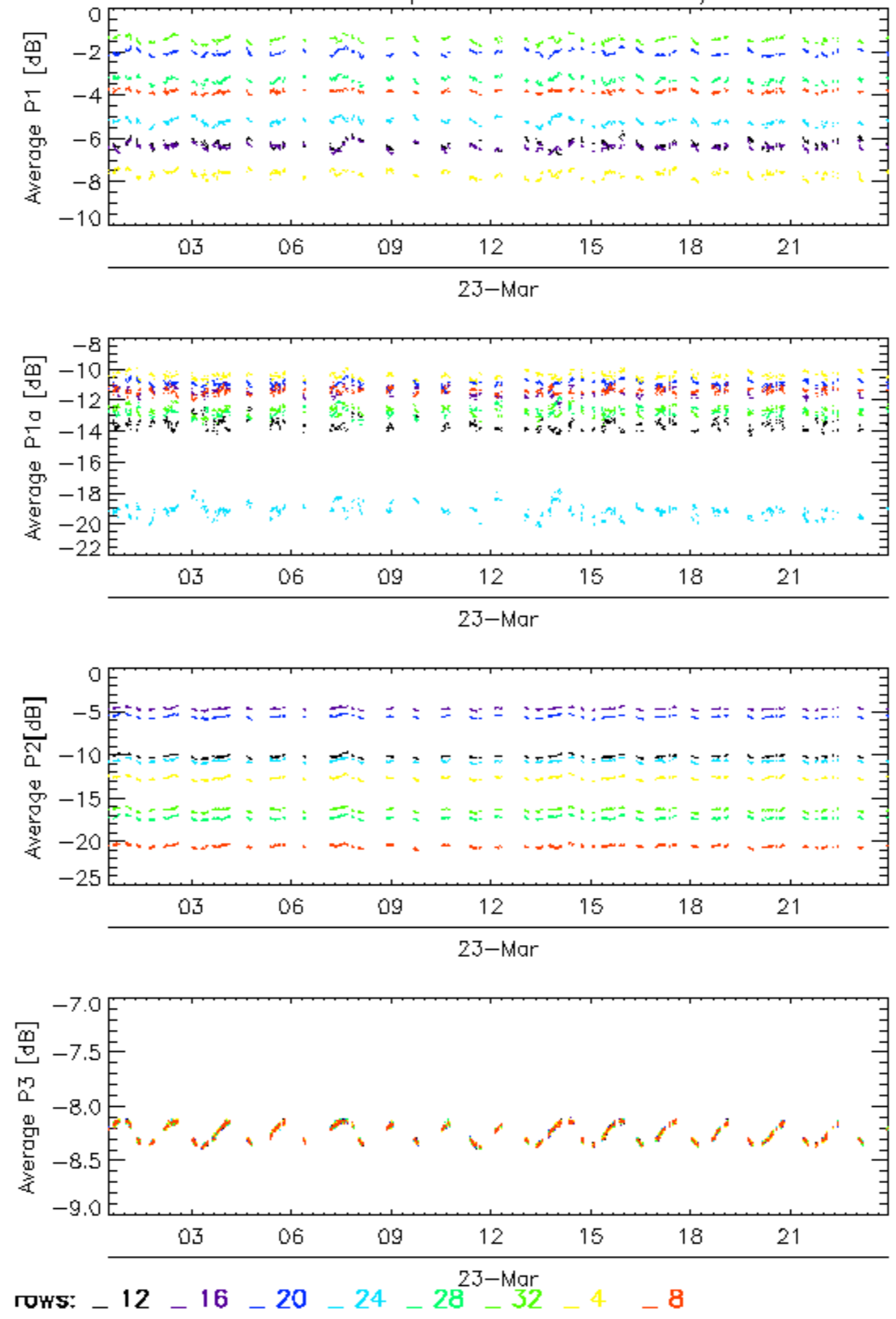
rows: 10 14 18 2 22 26 30 6

Calibration pulses for GM1 SS3 H/H

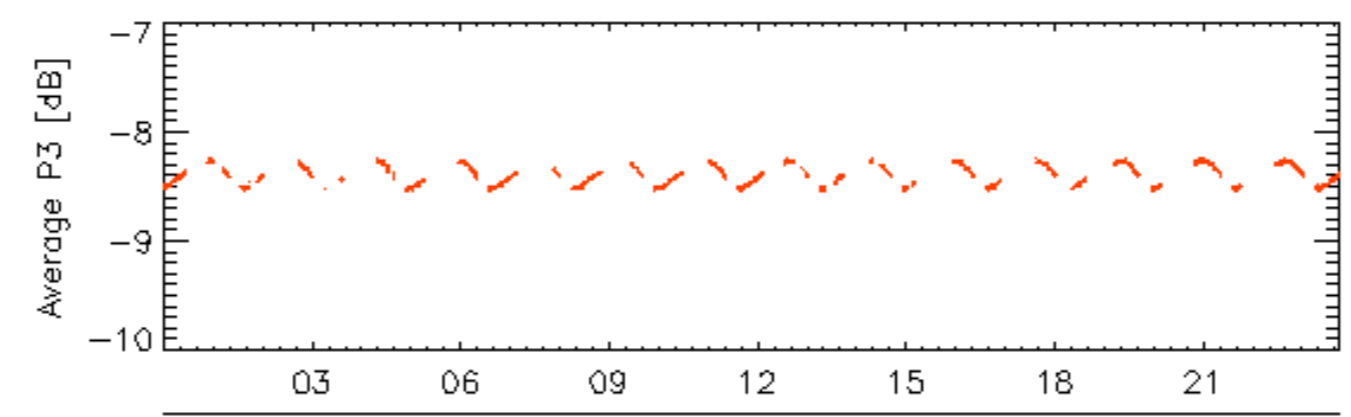
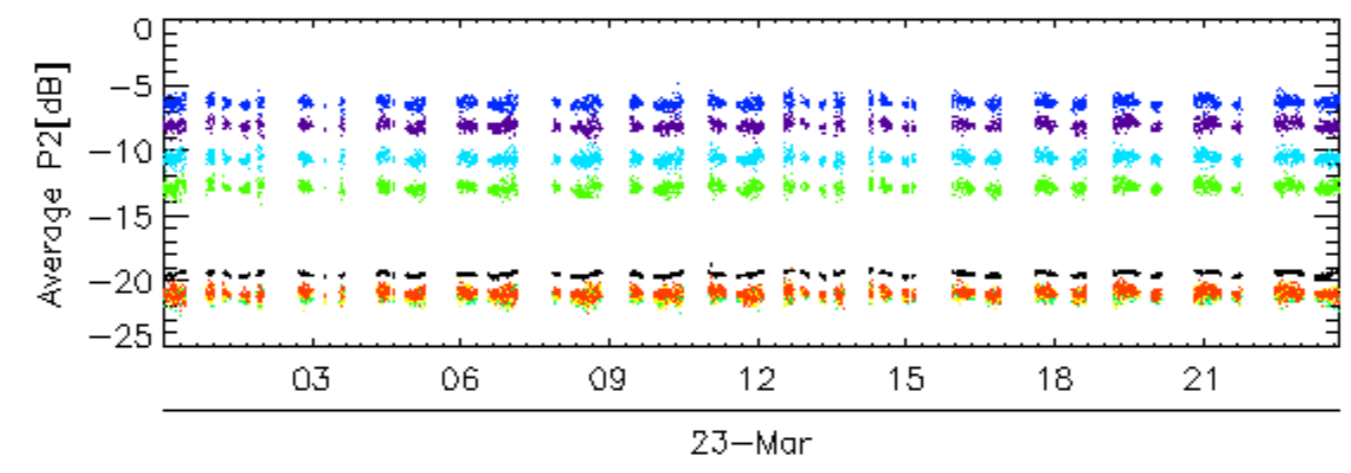
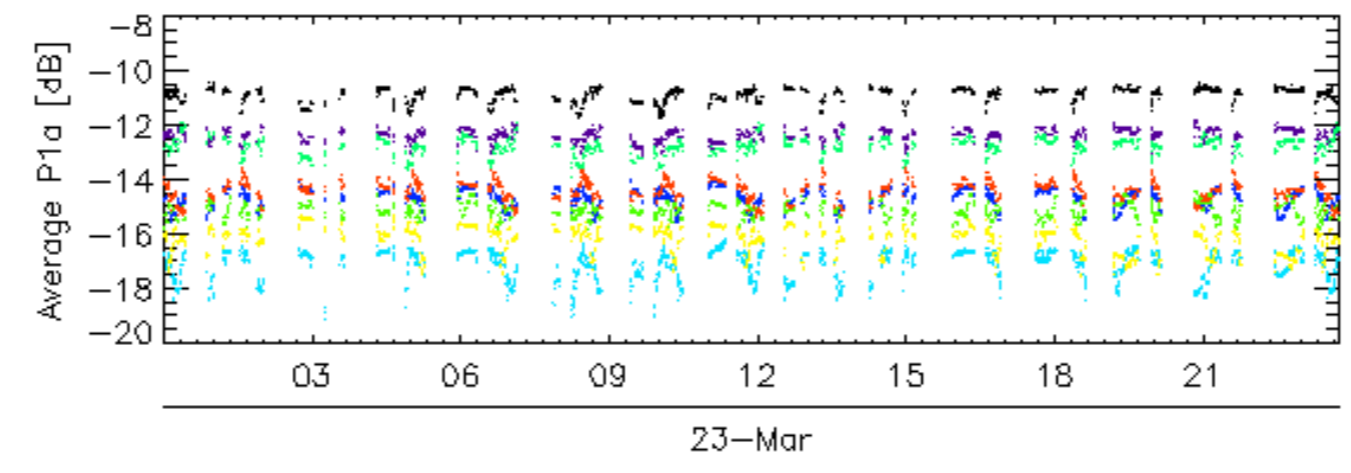
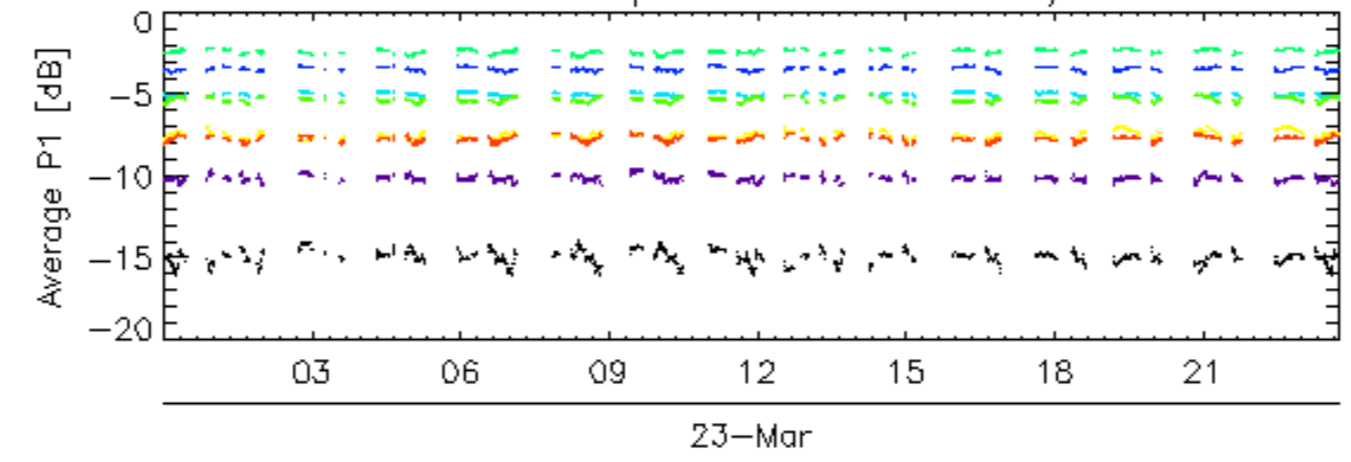




Calibration pulses for GM1 SS3 H/H

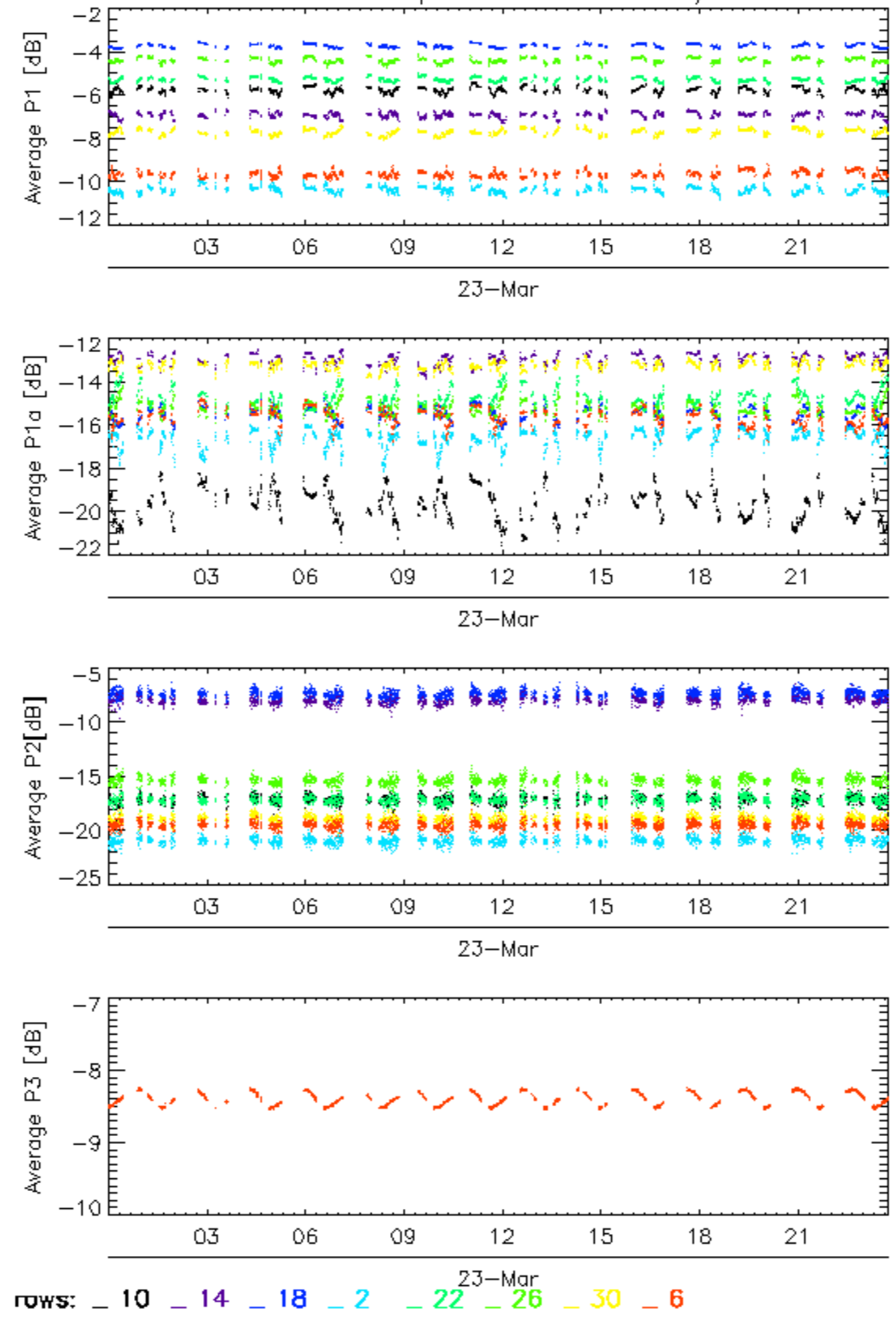


Calibration pulses for WVS IS2 V/V

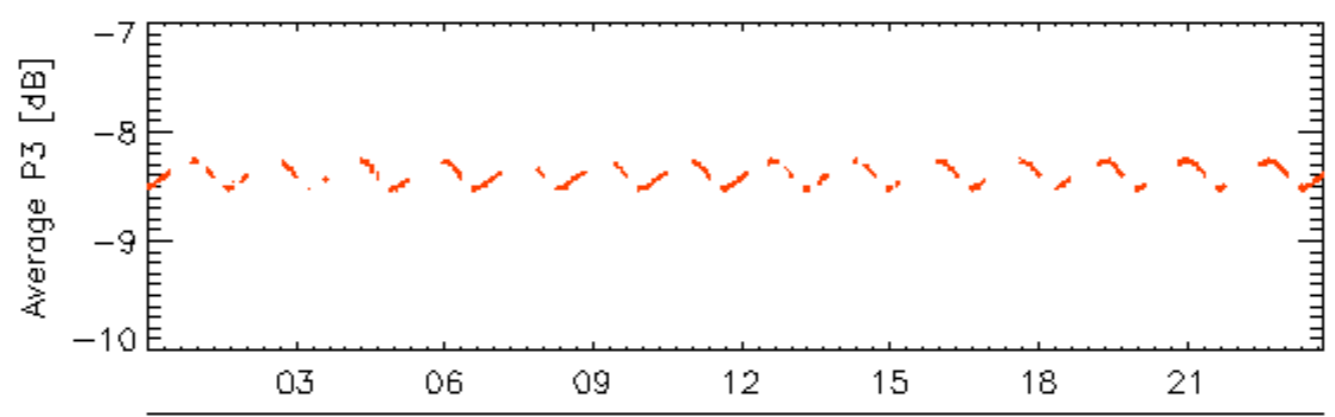
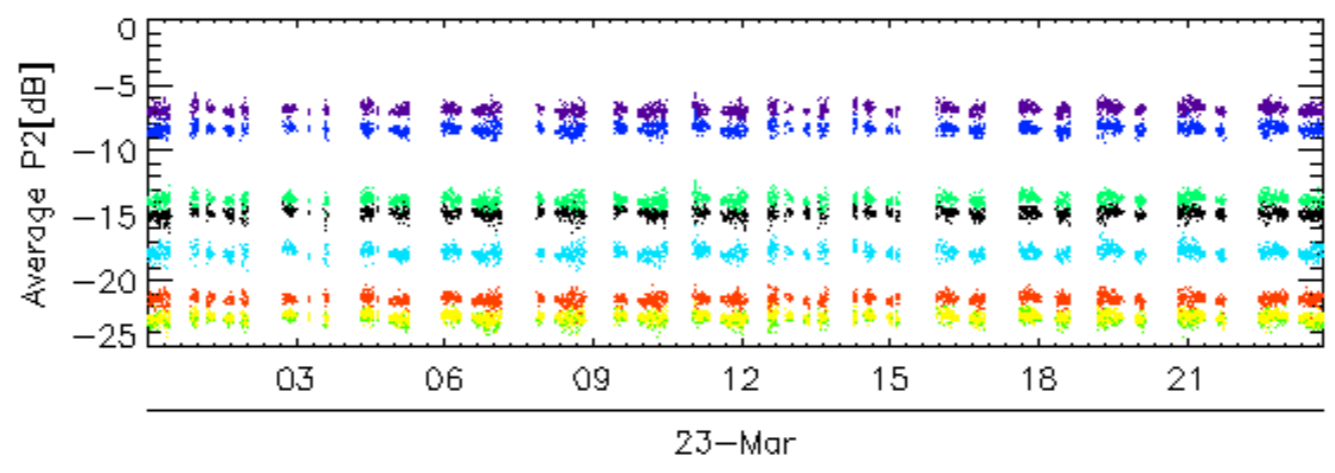
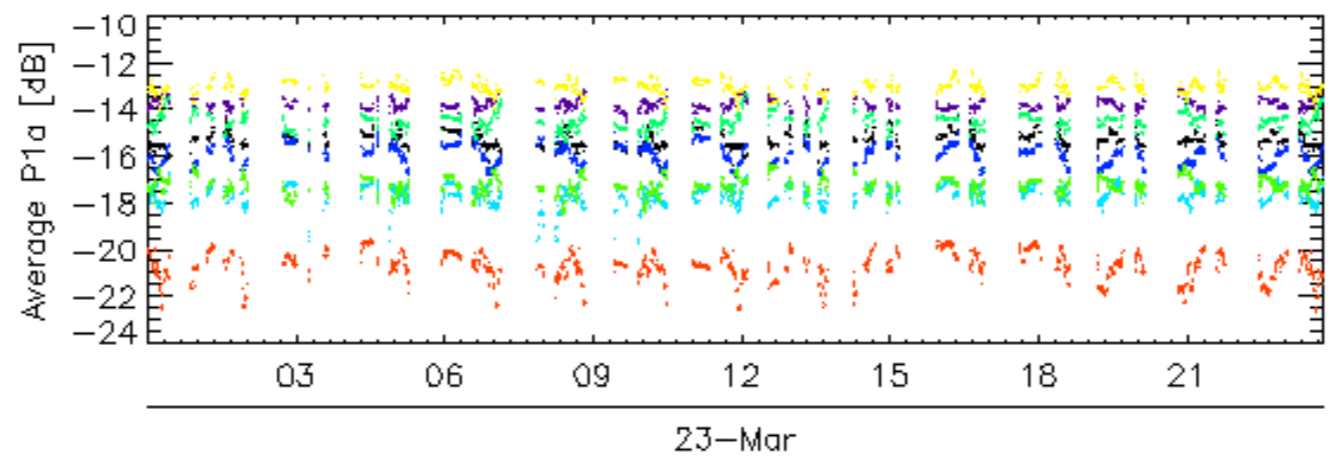
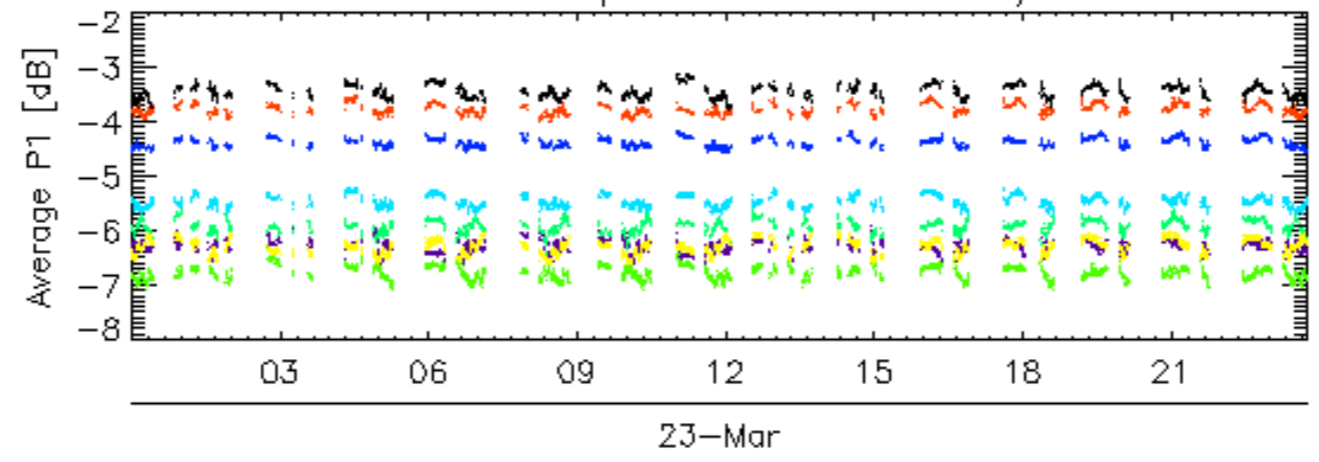


rows: 1 13 17 21 25 29 5 9

Calibration pulses for WVS IS2 V/V

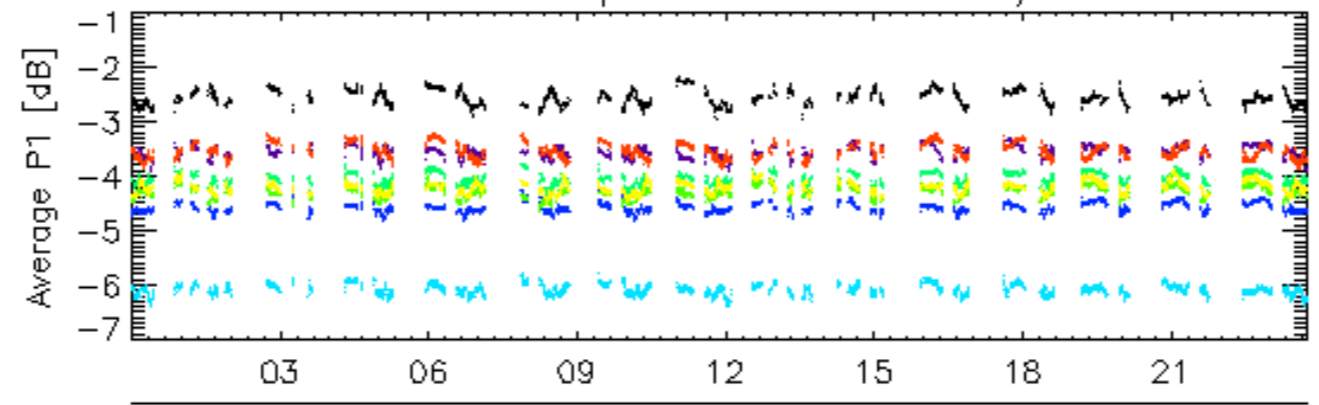


Calibration pulses for WVS IS2 V/V

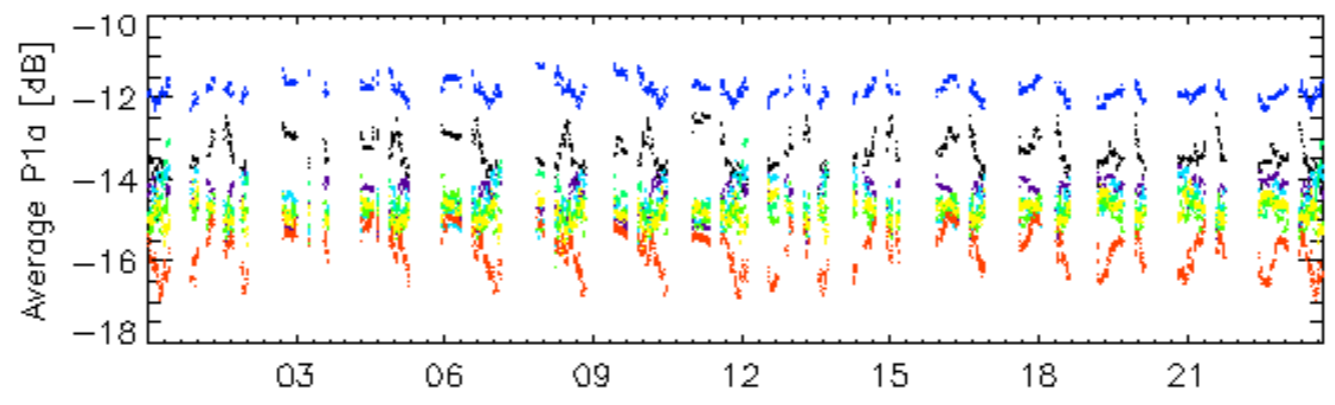


rows: \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 <sup>23-Mar</sup> \_ 31 \_ 7

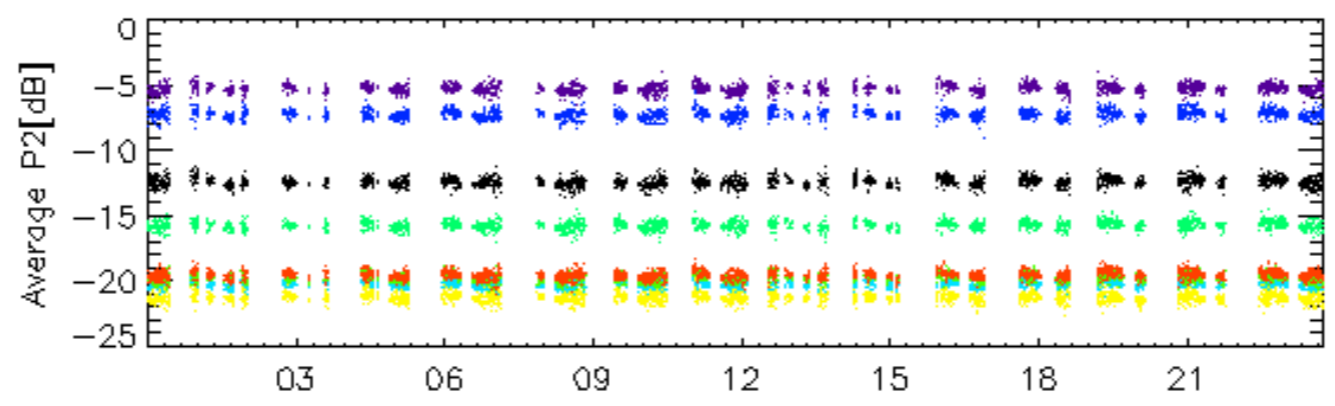
Calibration pulses for WVS IS2 V/V



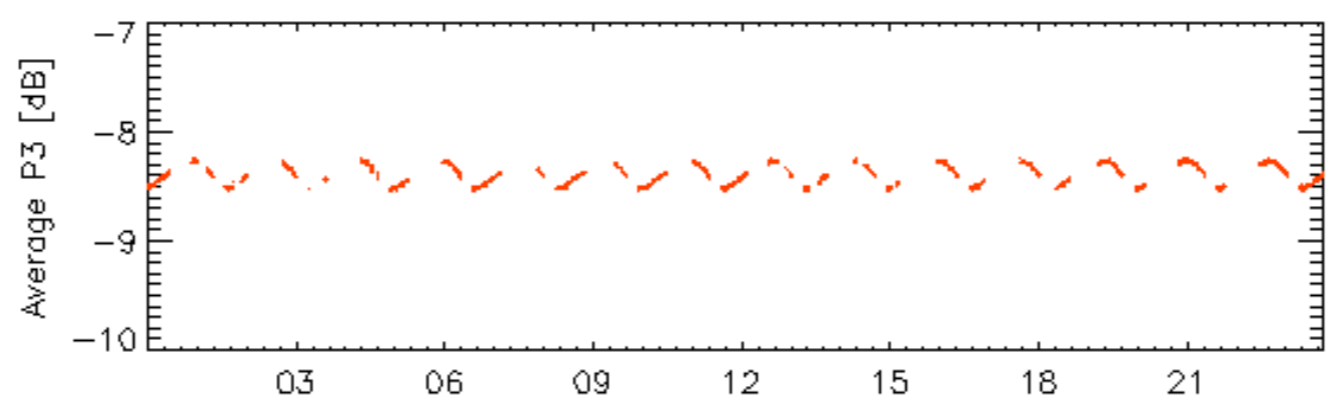
23-Mar



23-Mar

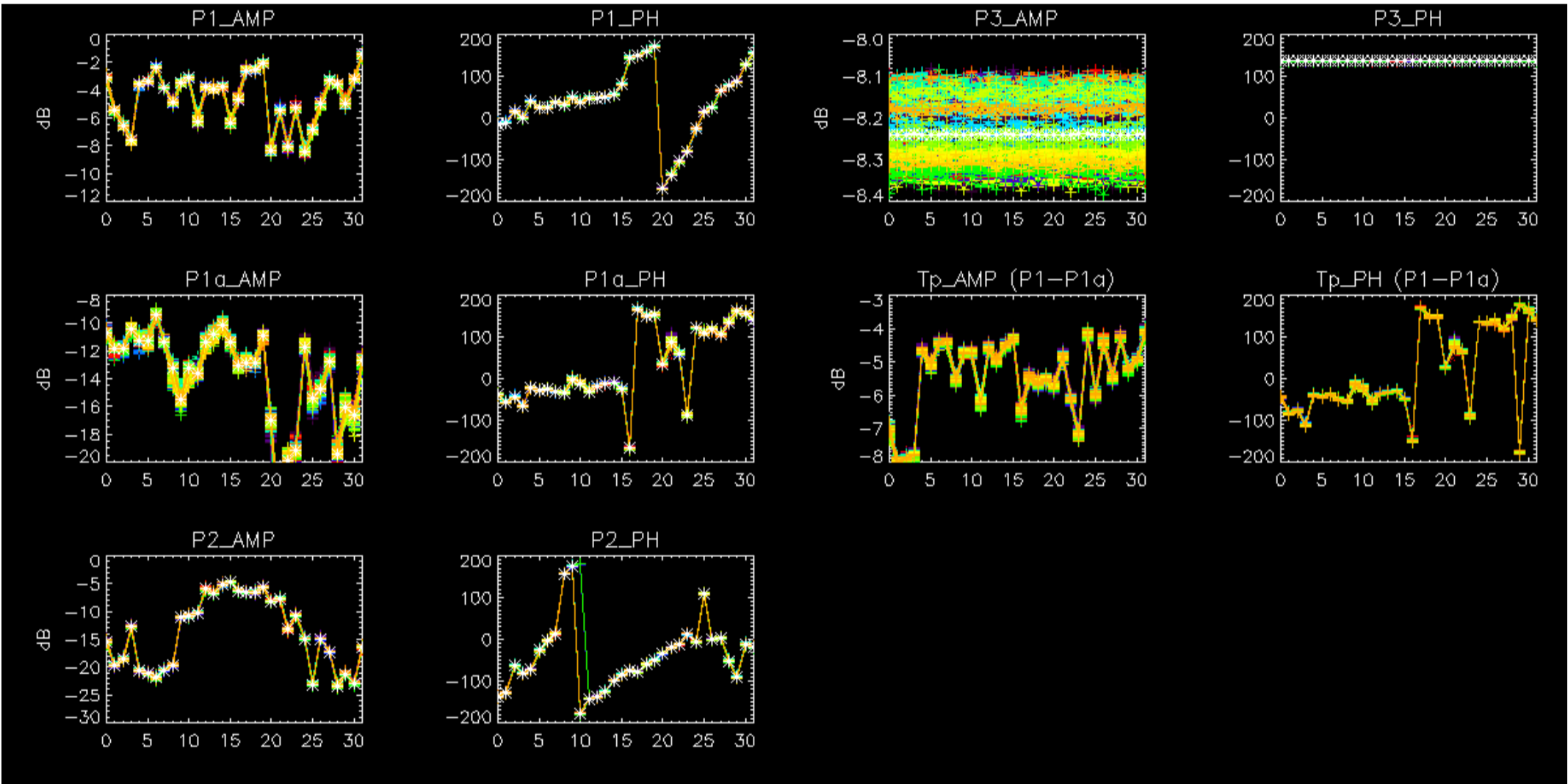


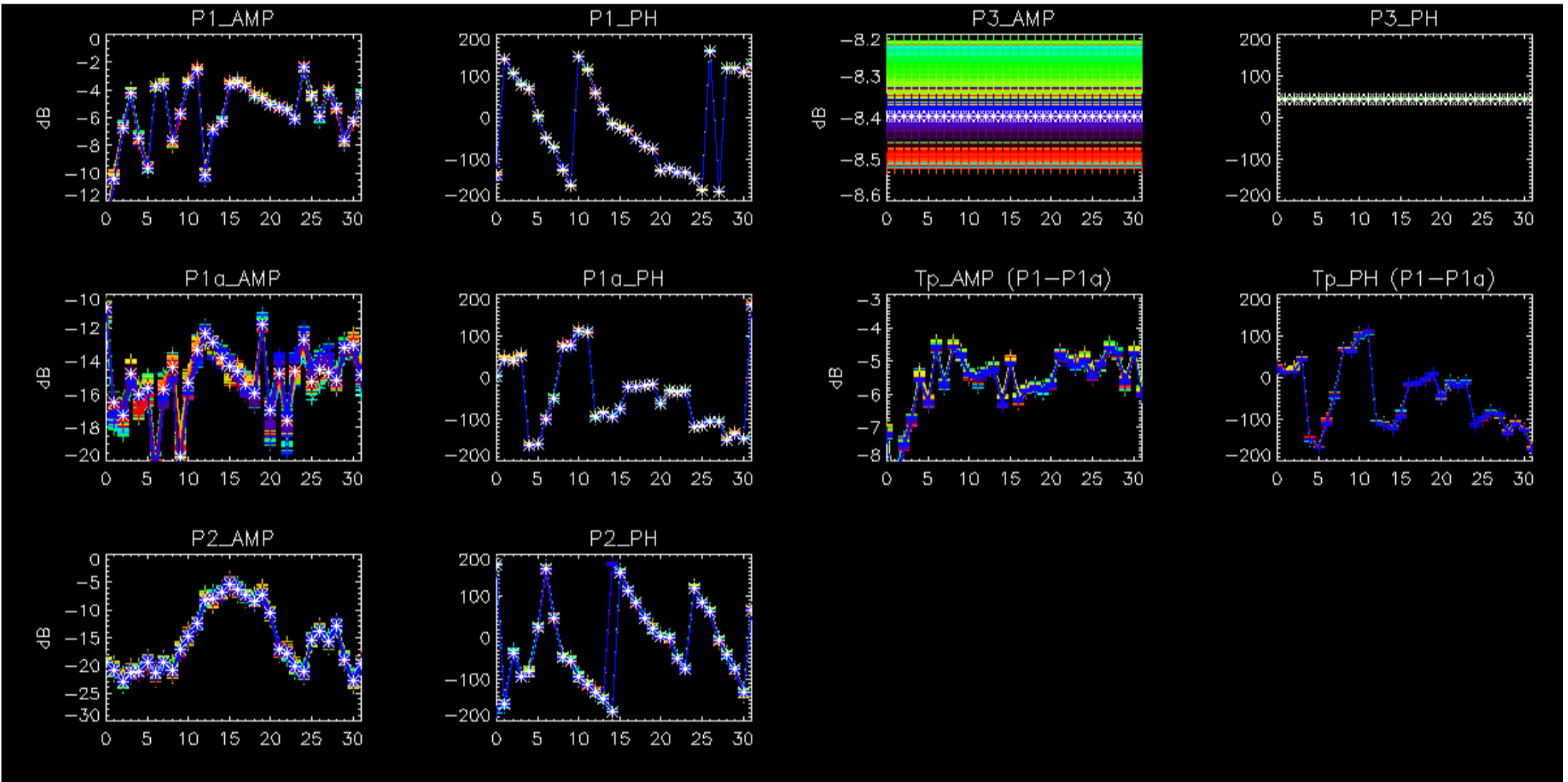
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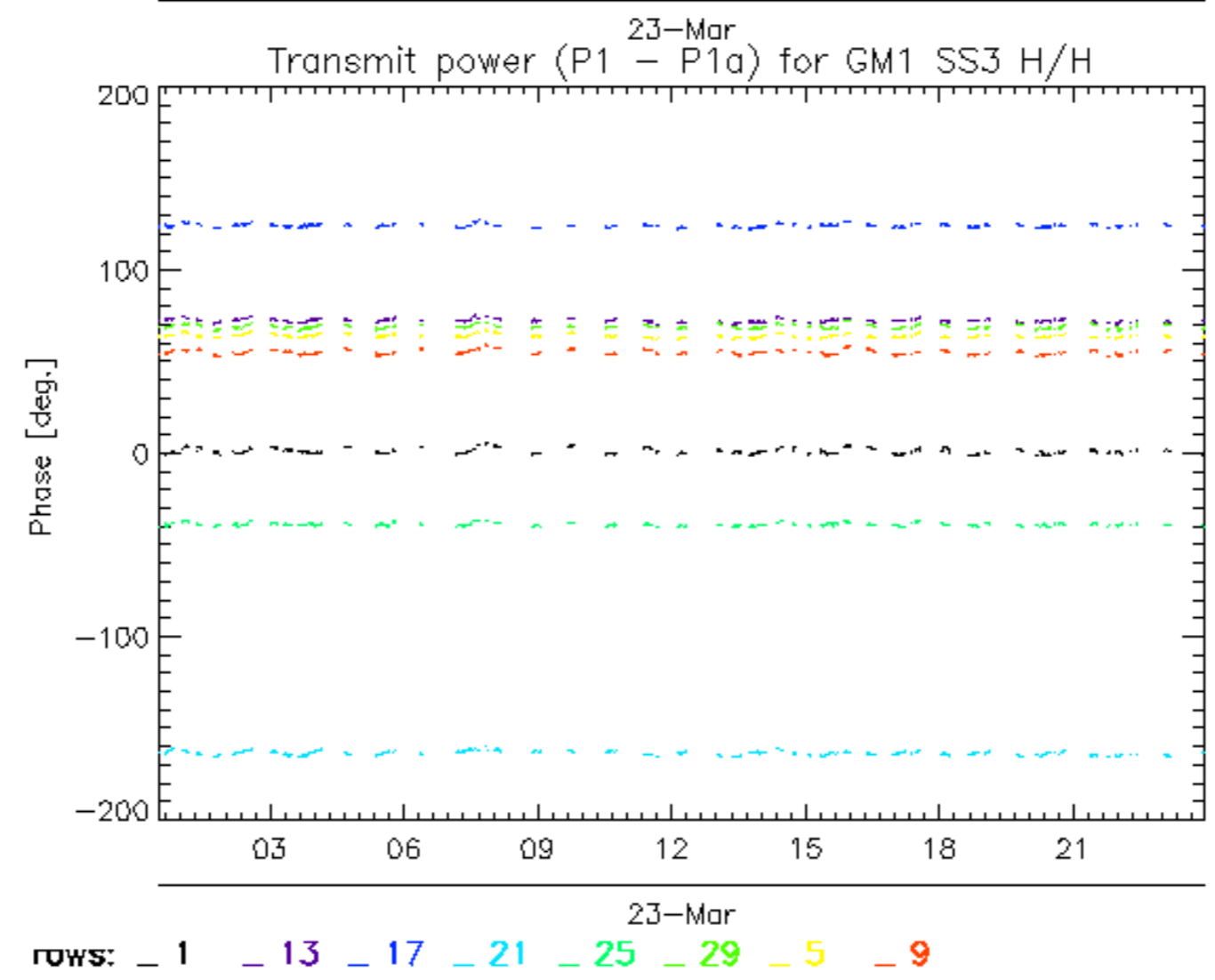
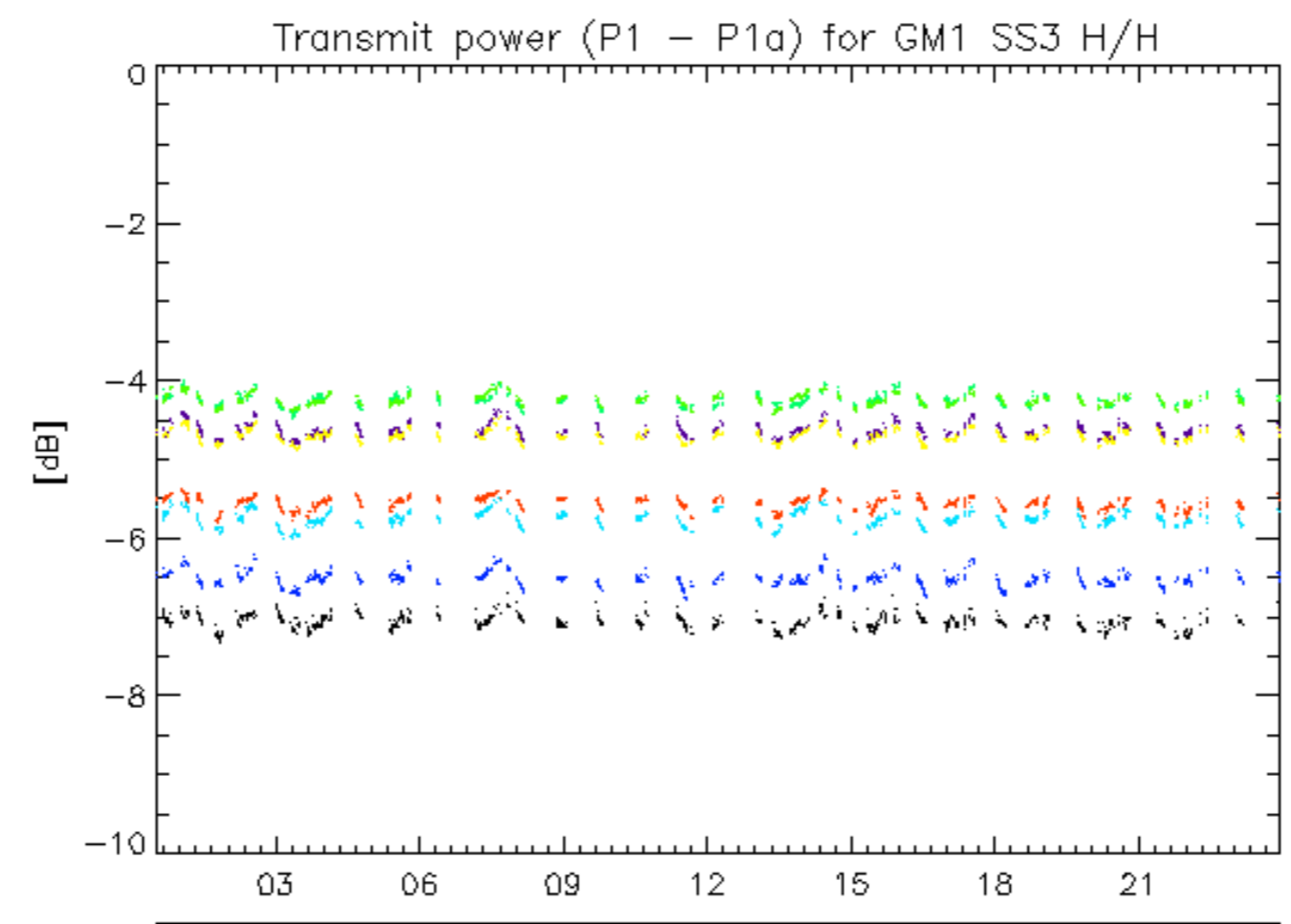


23-Mar

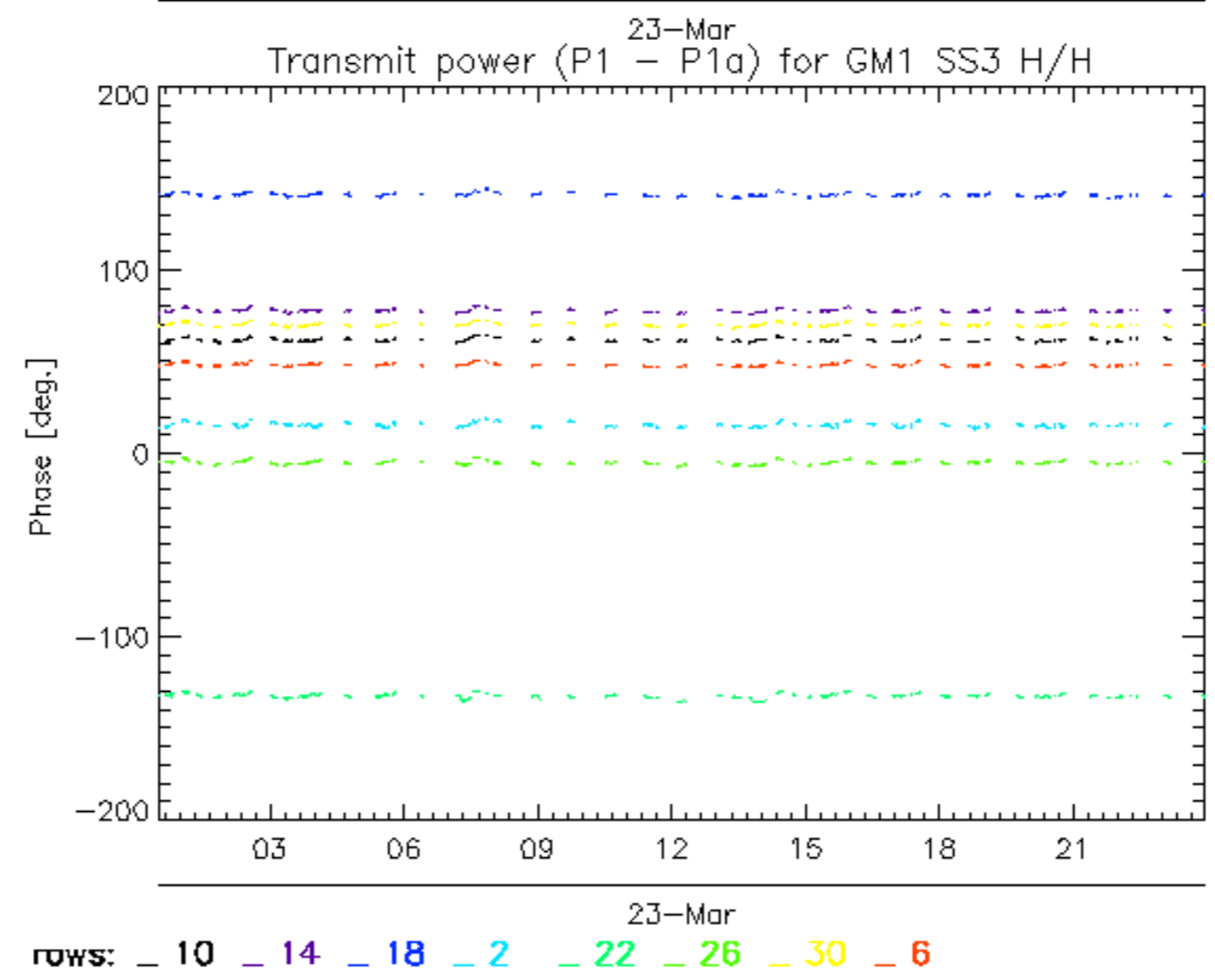
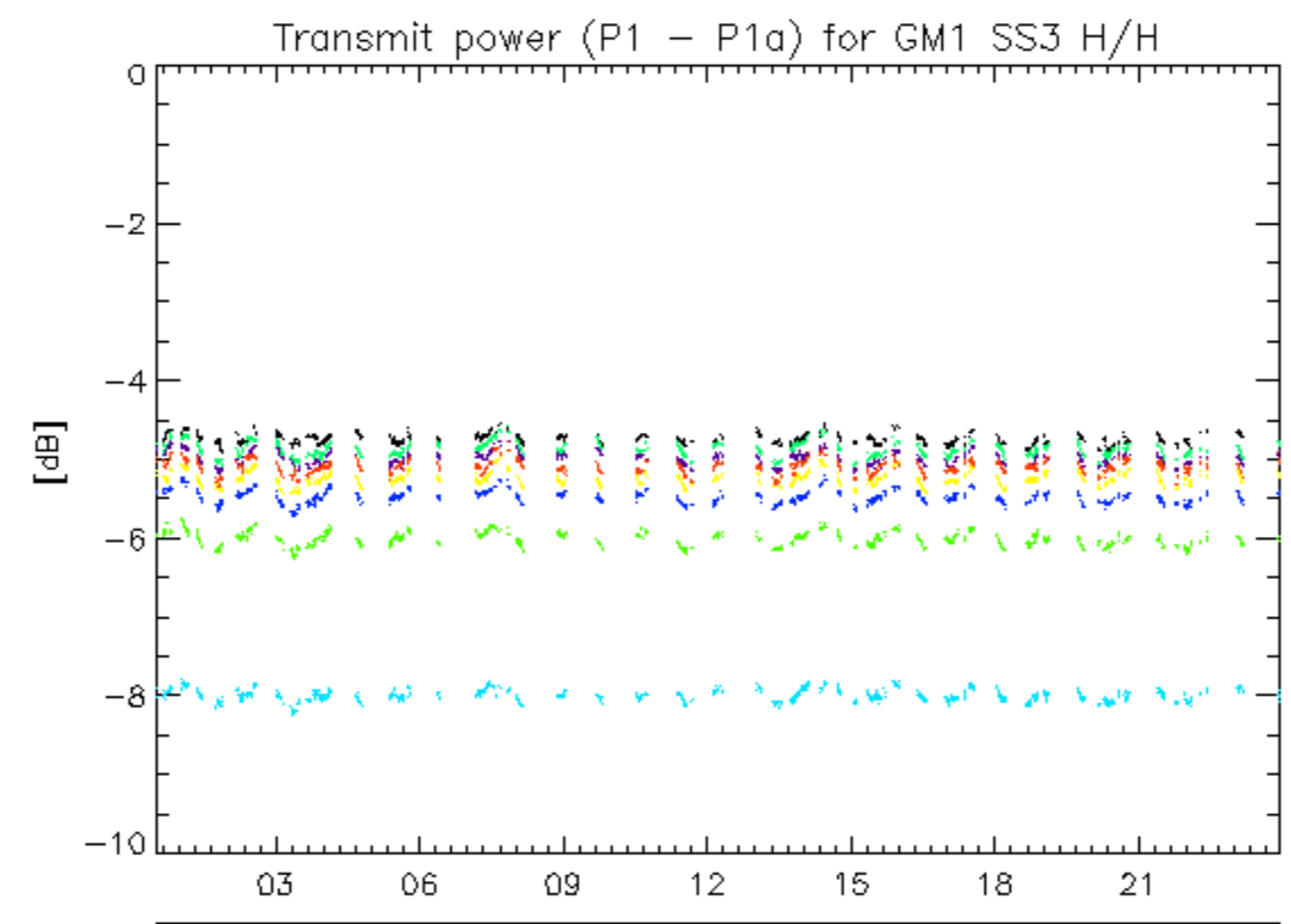
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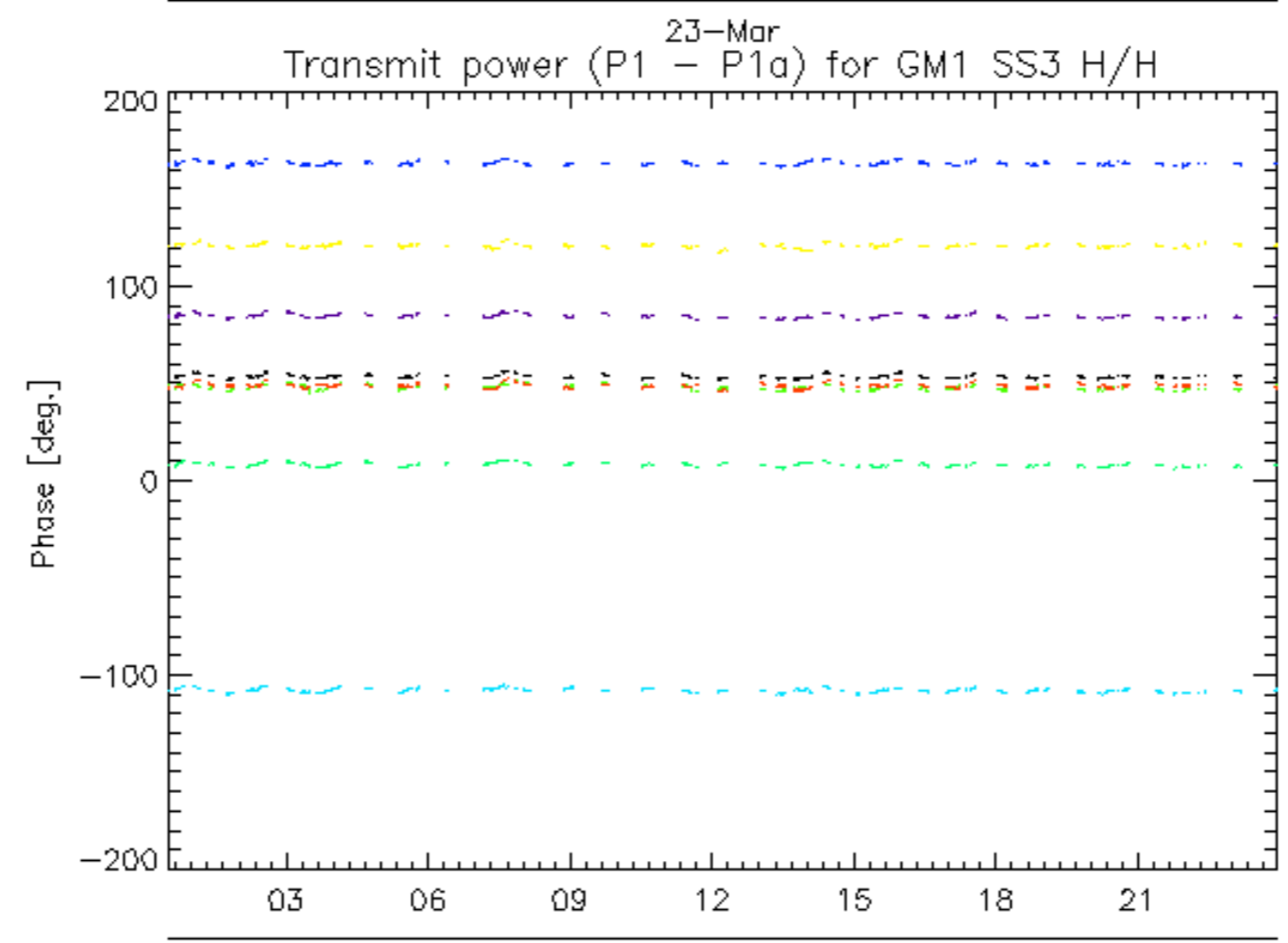
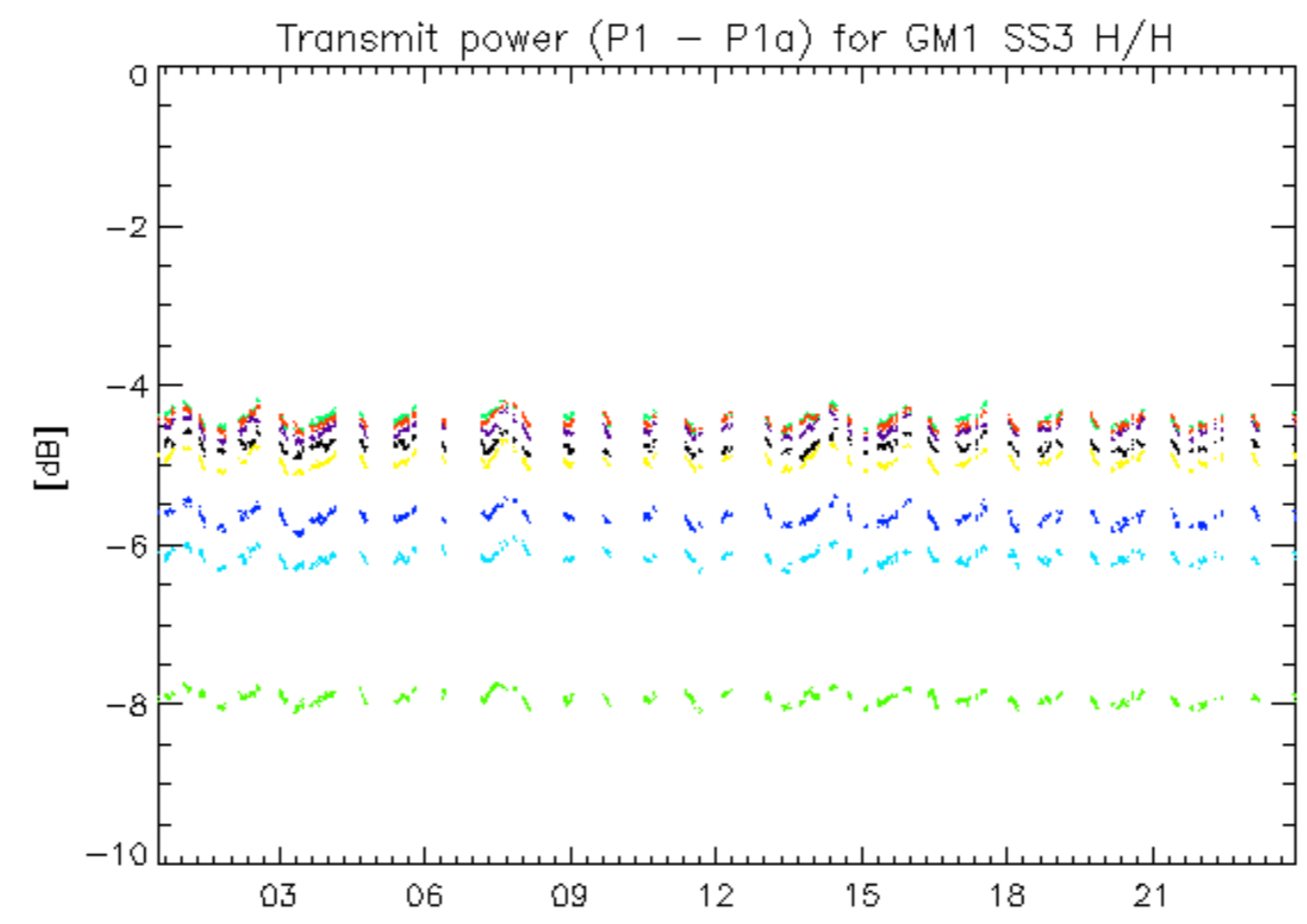




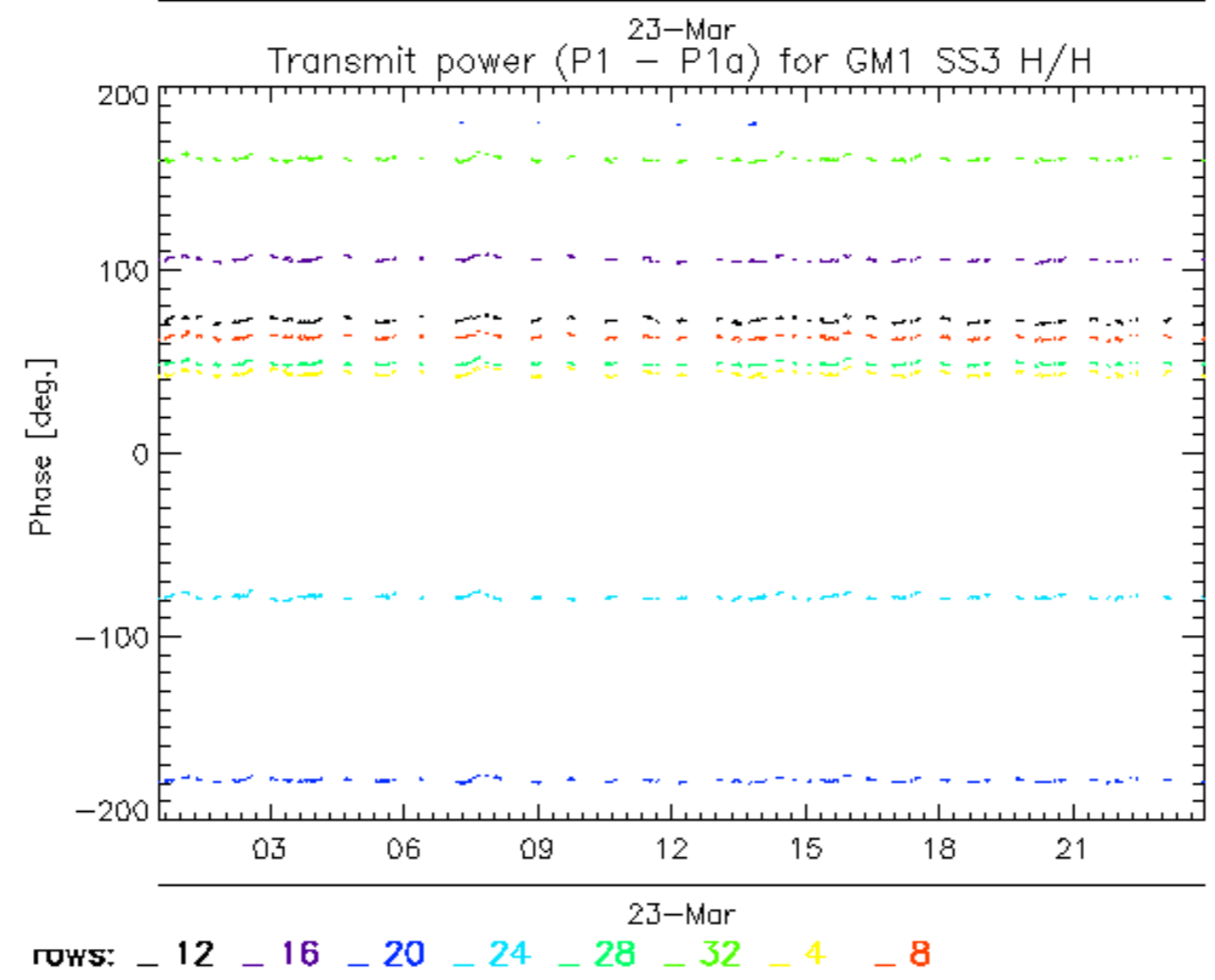
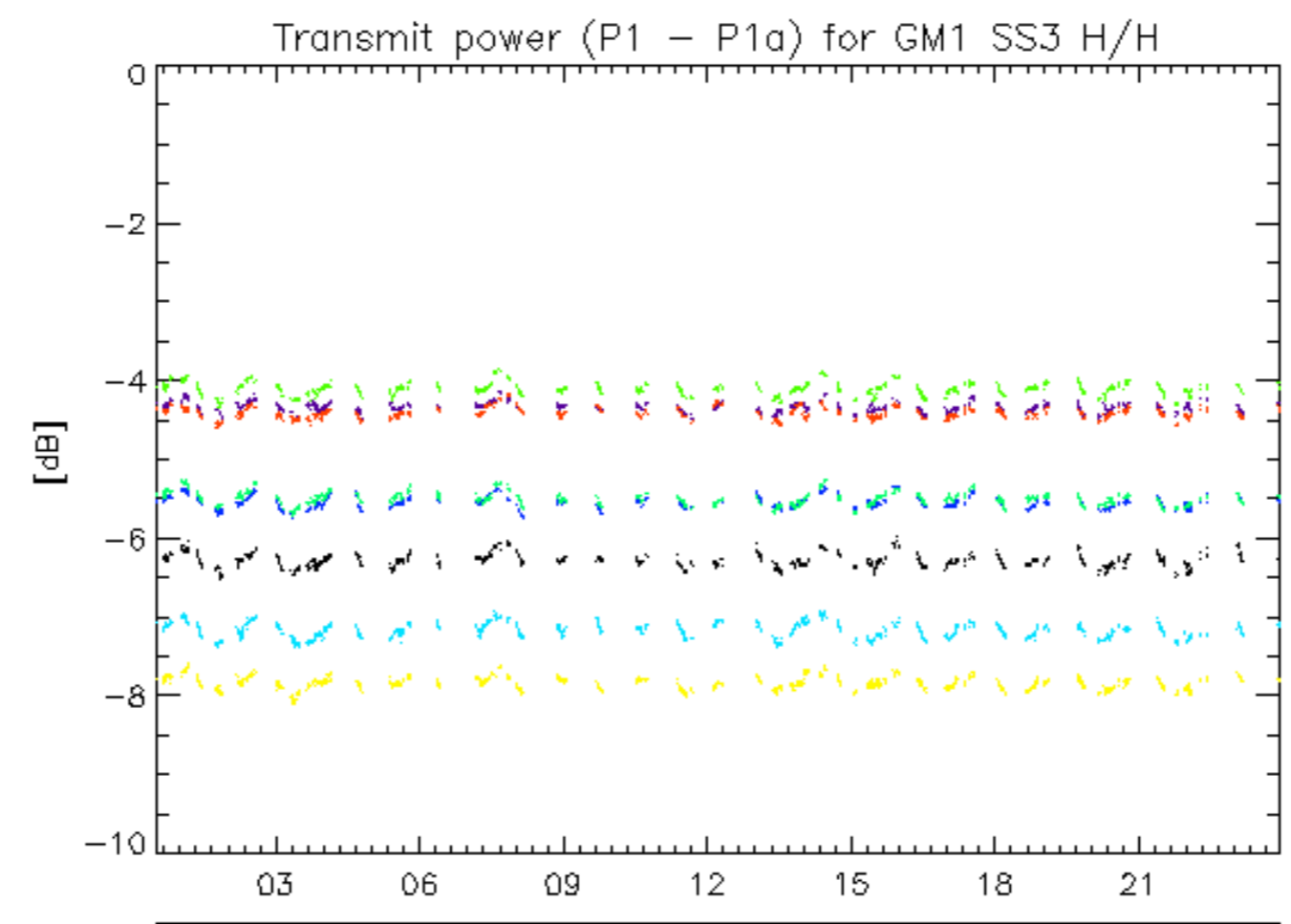


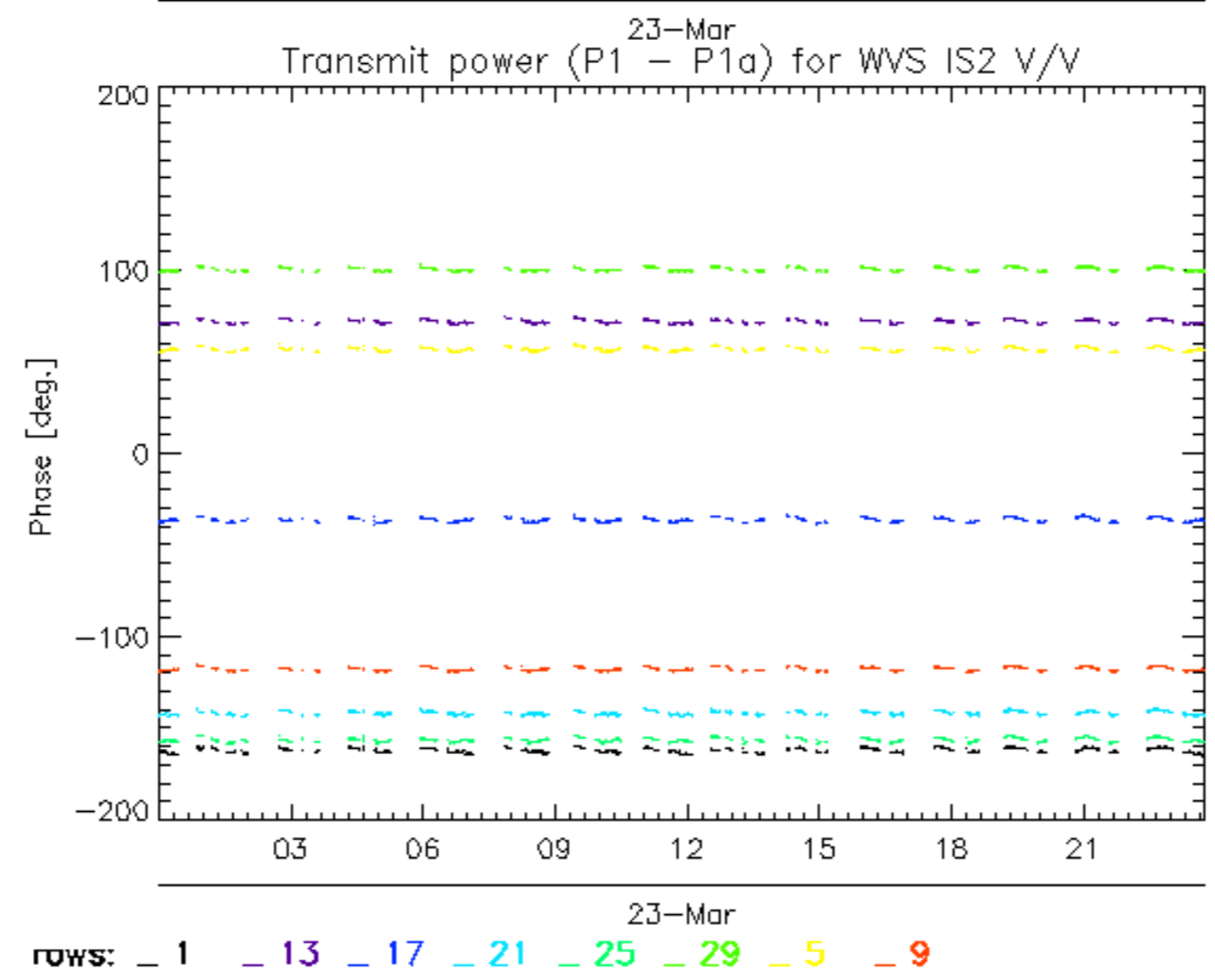
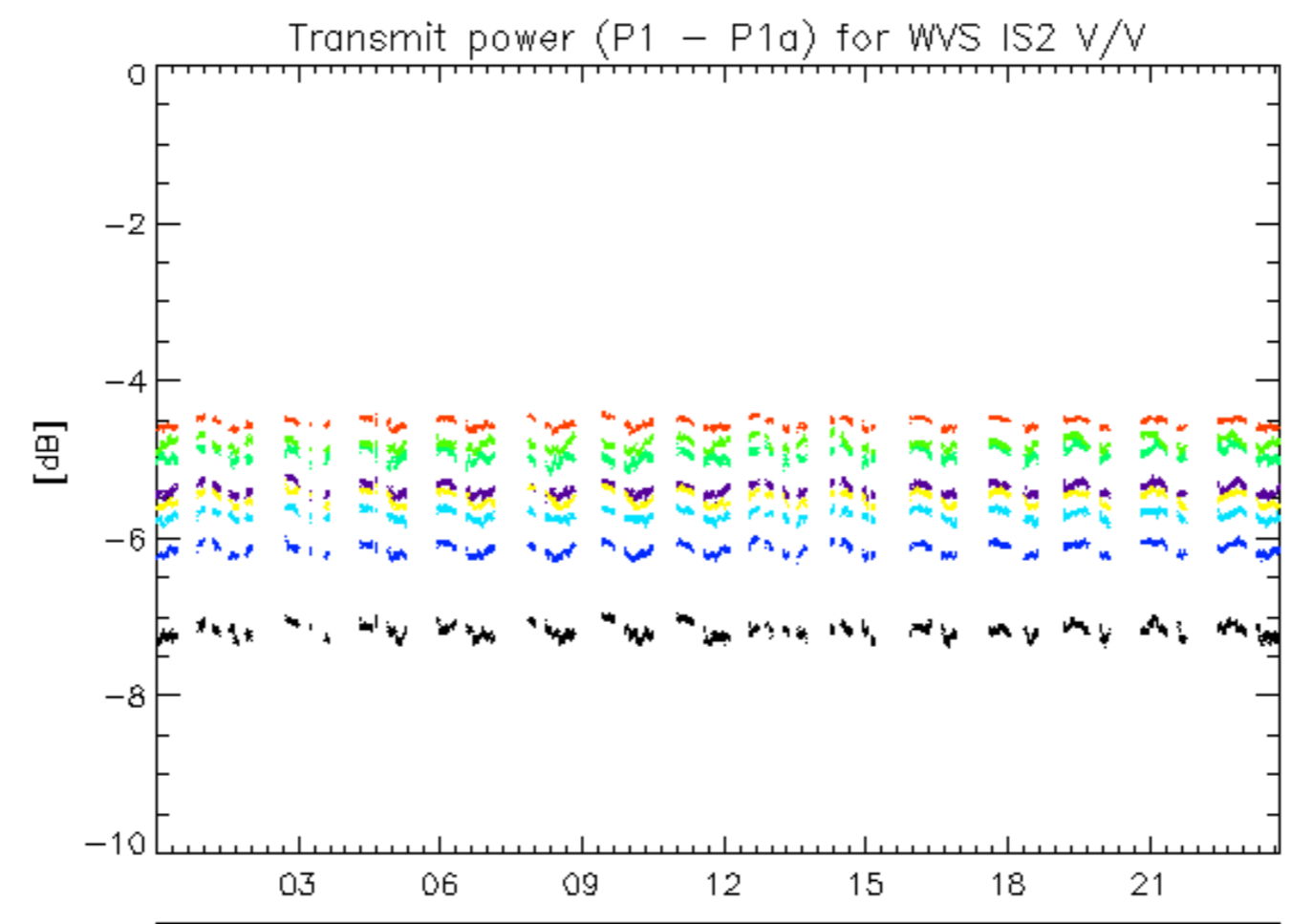


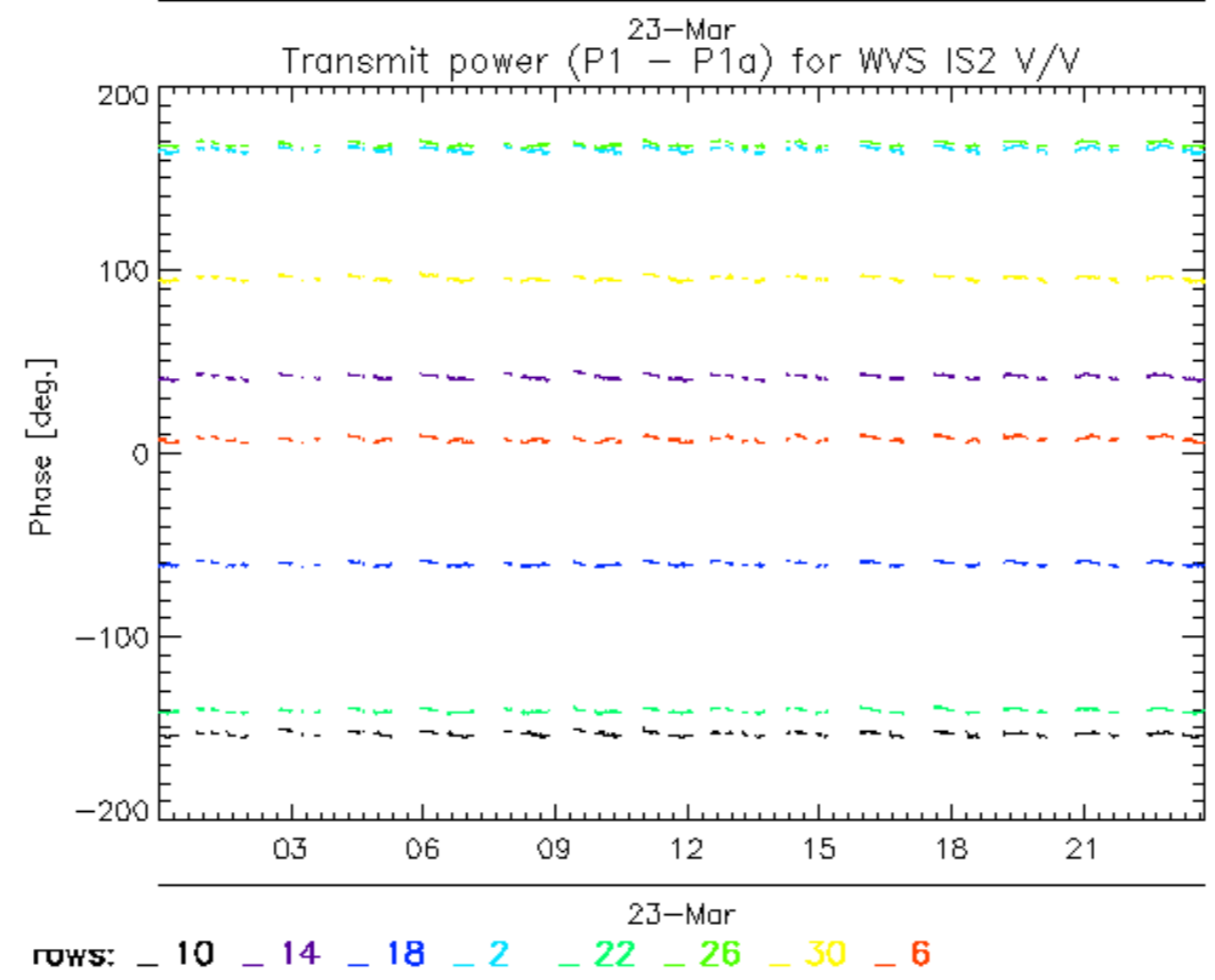
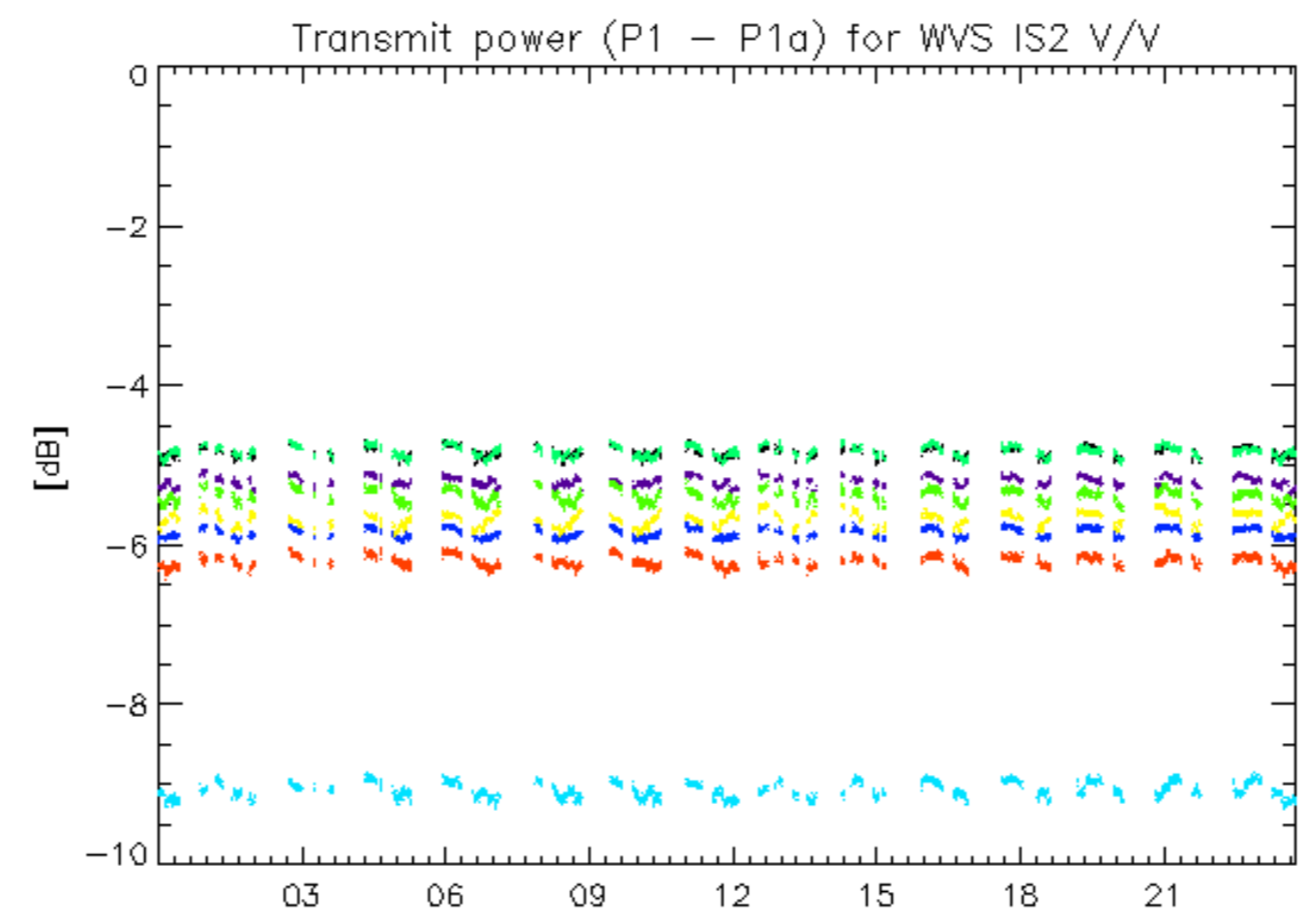


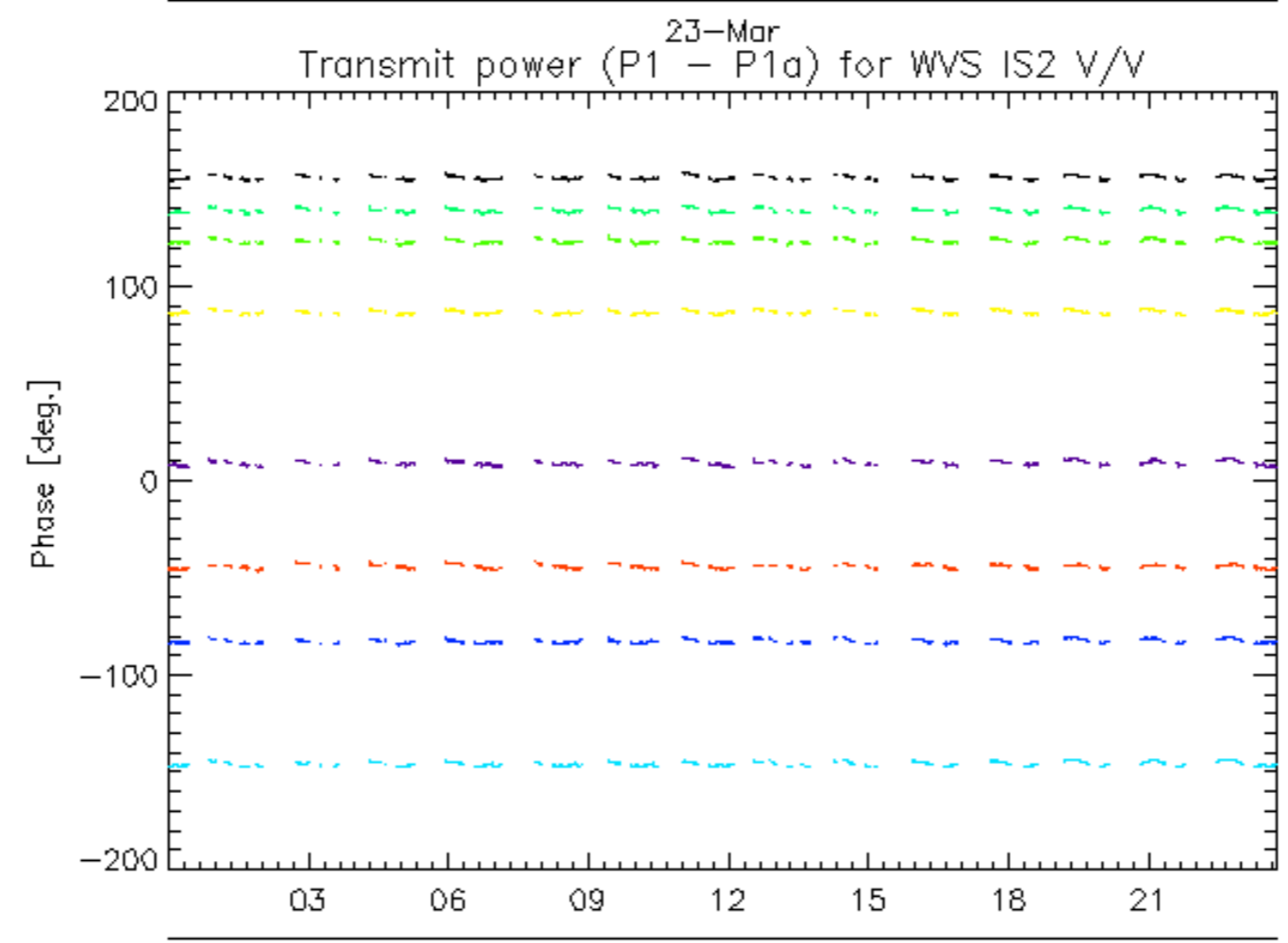
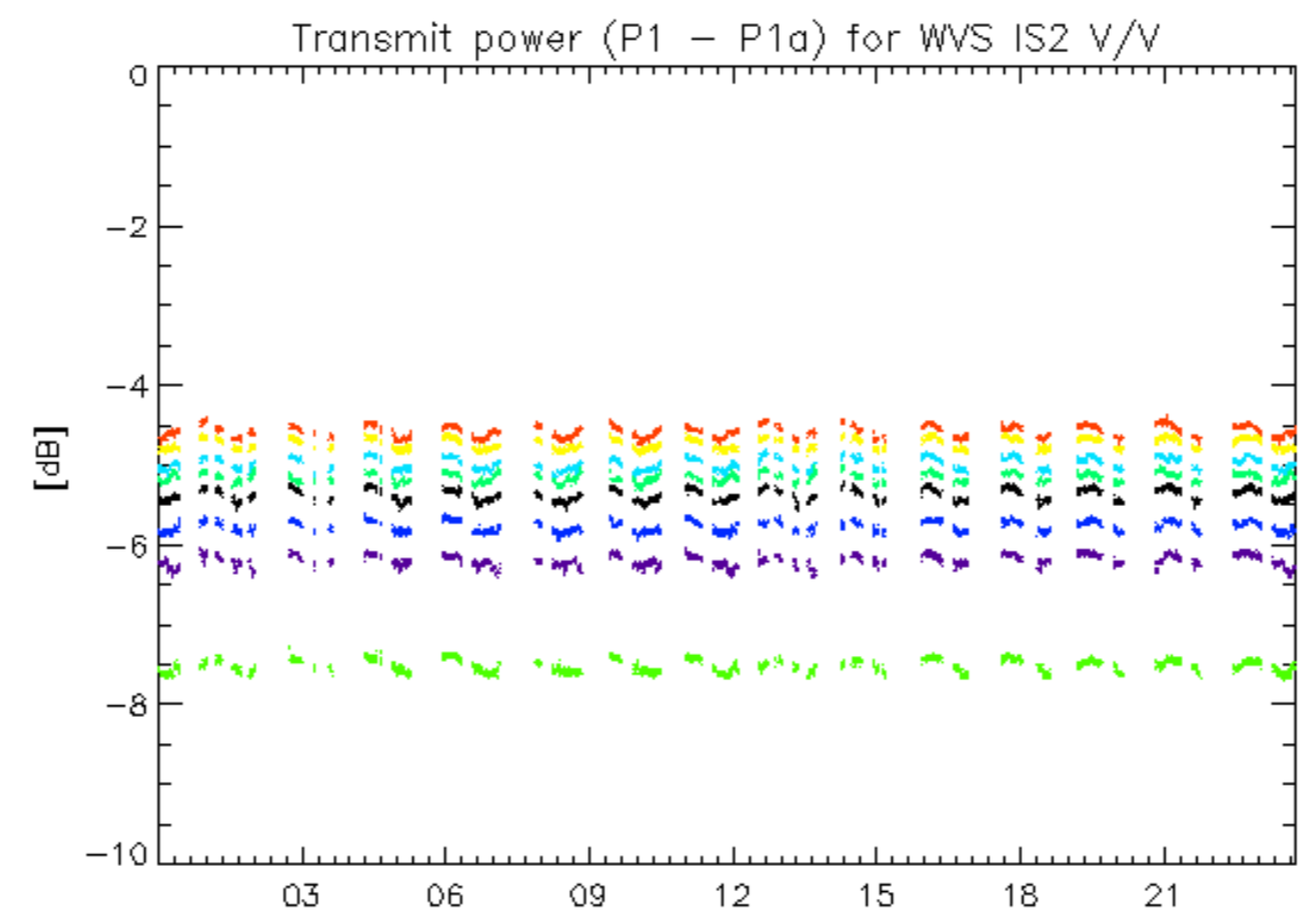


<sup>23</sup>-Mar  
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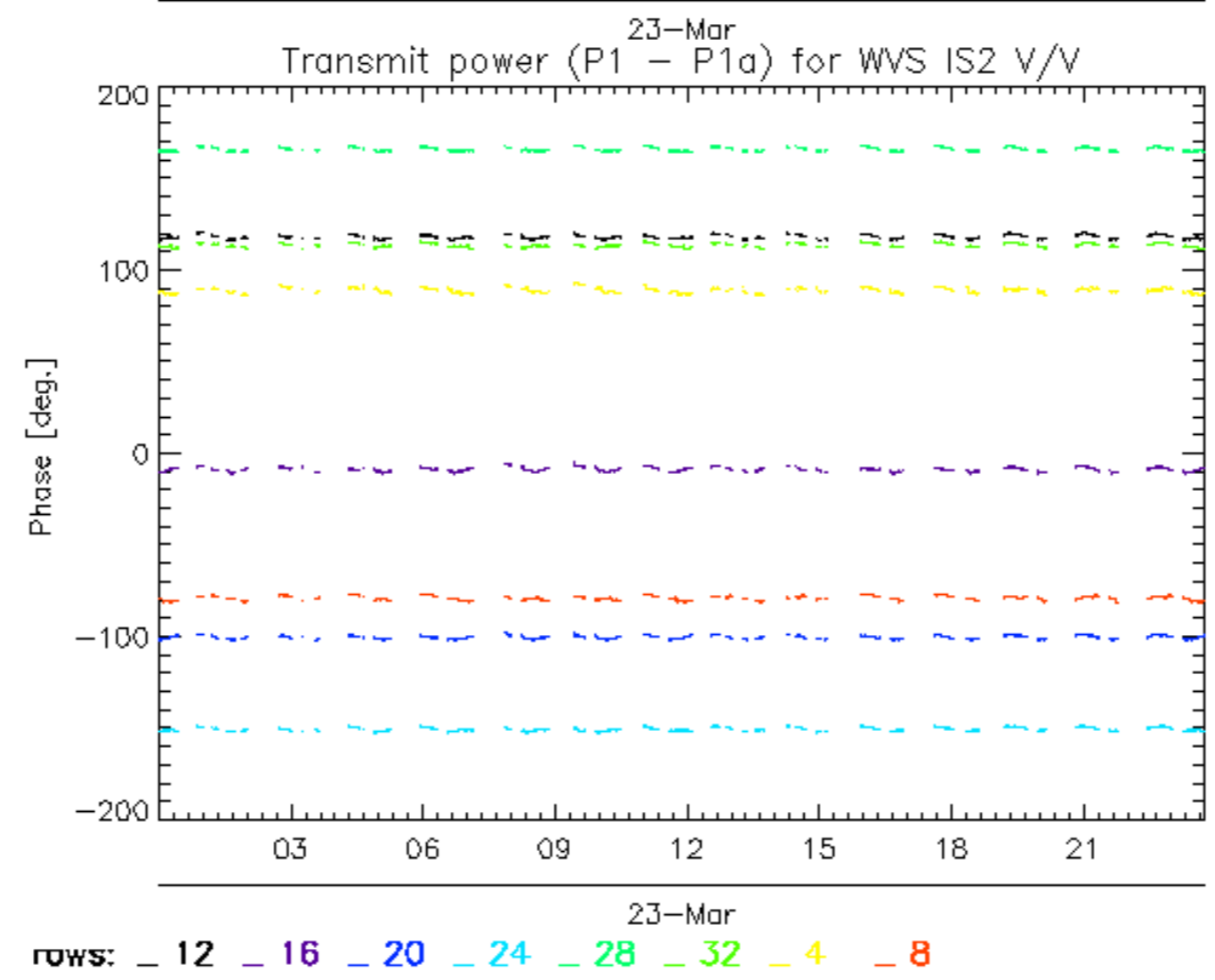
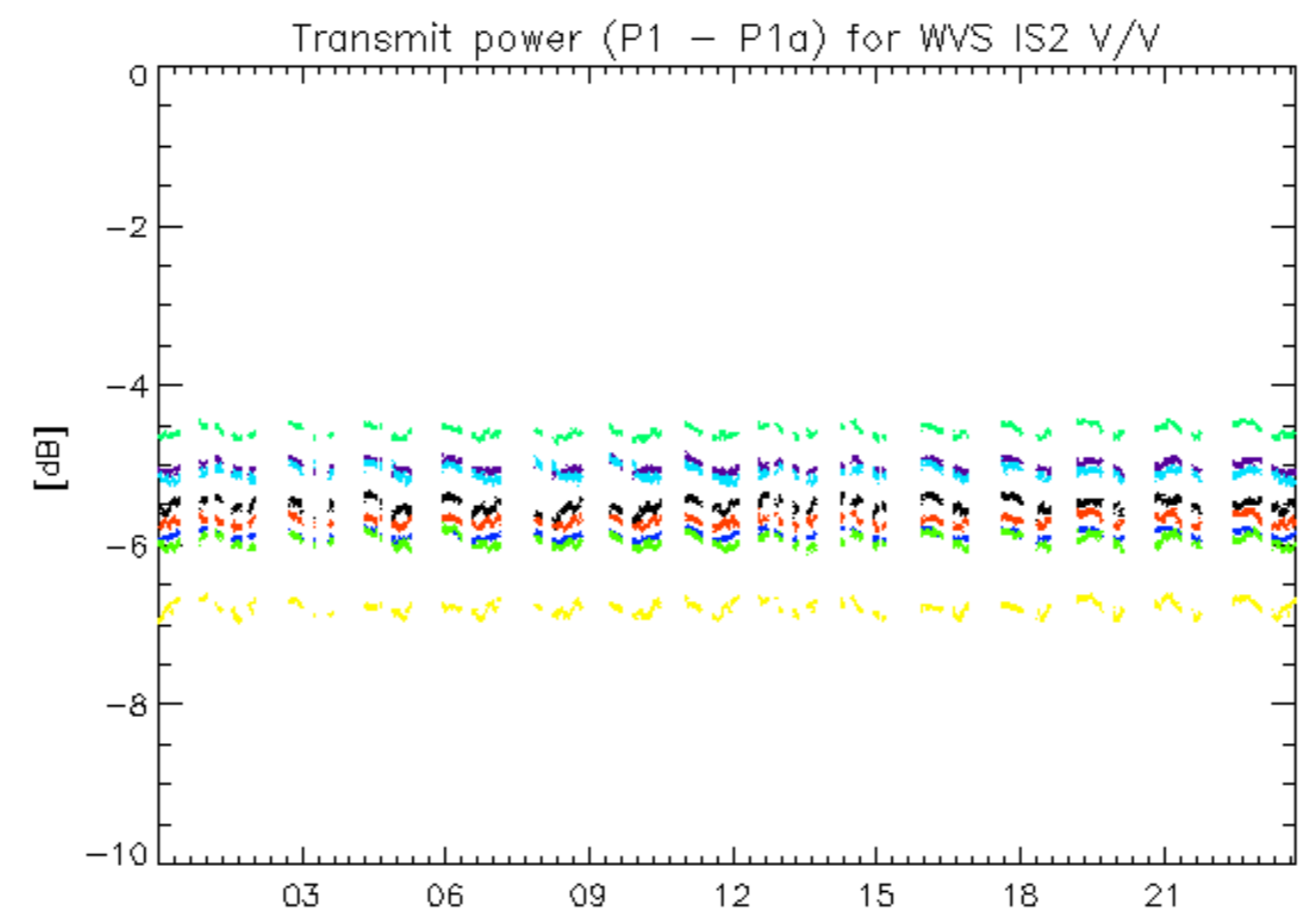


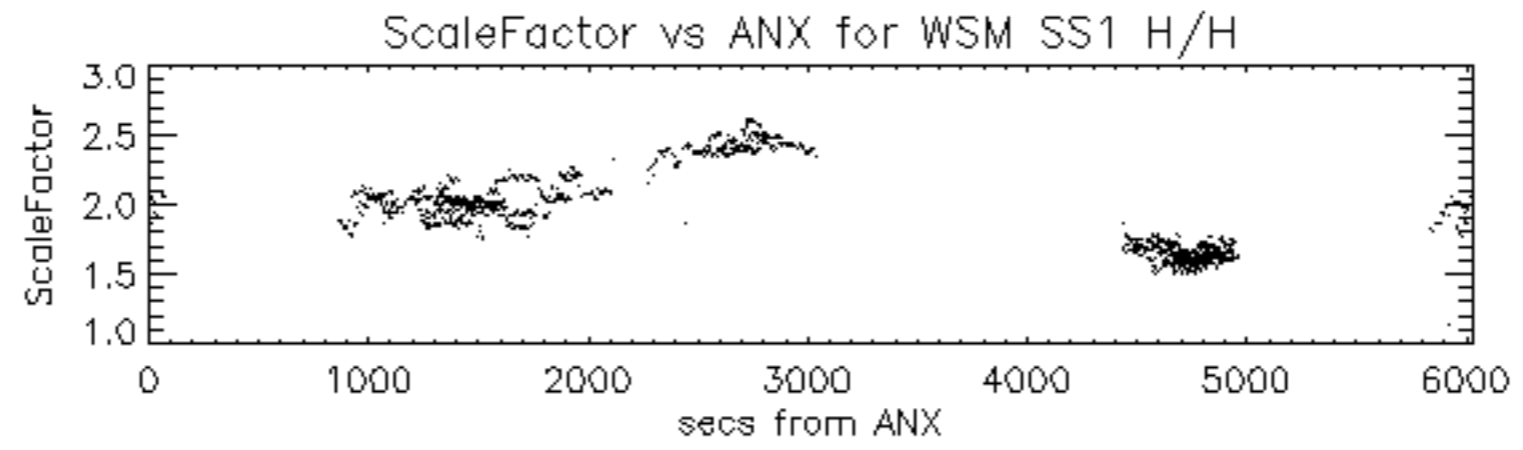




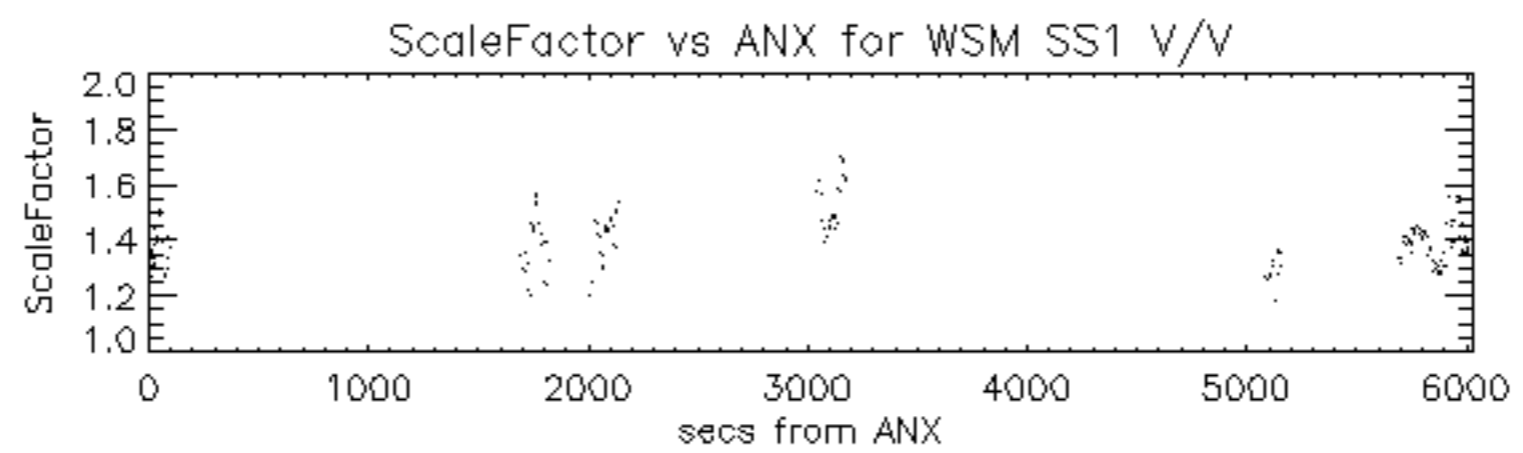


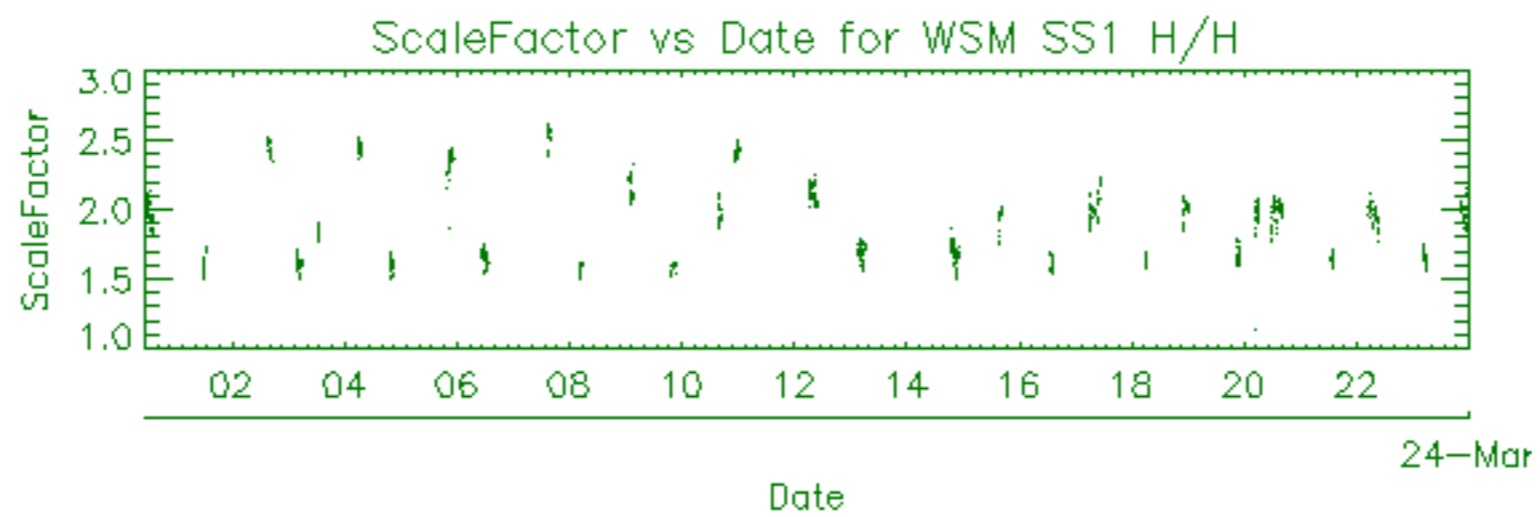
23-Mar  
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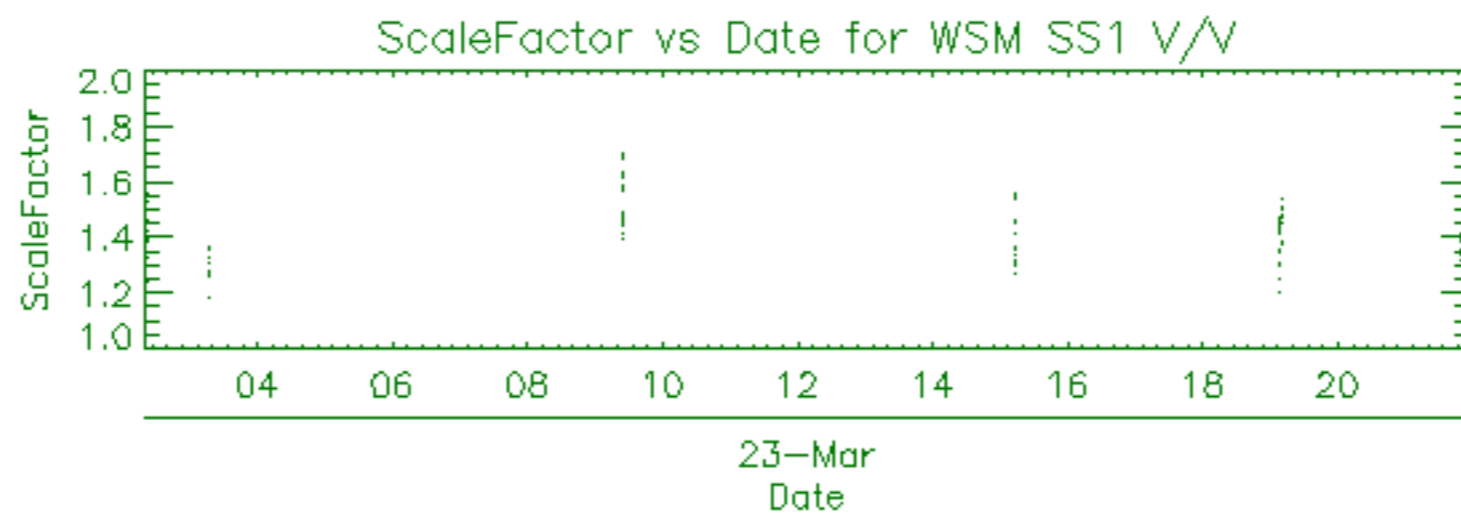












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120323_003641_000000863113_00031_52631_5246.N1						IS2	V/H	113	52631	31	5.04
ASA_APM_1PNPDE20120323_024328_000000573113_00032_52632_5258.N1						IS2	H/H	113	52632	32	5.04
ASA_APM_1PNPDE20120323_051819_000001833113_00034_52634_5352.N1						IS1	V/V	113	52634	34	5.04
ASA_APM_1PNPDE20120323_052705_000000413113_00034_52634_5353.N1						IS6	H/H	113	52634	34	5.04
ASA_APM_1PNPDE20120323_092037_000001183113_00036_52636_5416.N1						IS1	V/V	113	52636	36	5.04
ASA_APM_1PNPDE20120323_151058_000000573113_00039_52639_5503.N1						IS4	H/H	113	52639	39	5.04
ASA_APM_1PNPDE20120323_165606_000000863113_00041_52641_5505.N1						IS2	H/H	113	52641	41	5.04
ASA_APM_1PNPDE20120323_172913_000000593113_00041_52641_5509.N1						IS4	H/H	113	52641	41	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120323_003040_000000783113_00031_52631_5238.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_003826_000004223113_00031_52631_5237.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_004640_000002113113_00031_52631_5240.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_010155_000005863113_00031_52631_5242.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_012022_000004893113_00031_52631_5245.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_014436_000005313113_00031_52631_5265.N1						SS1	H/H	113	52631	31	5.04
ASA_GM1_1PNPDE20120323_021103_000005373113_00032_52632_5264.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_022230_000005193113_00032_52632_5263.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_023252_000001573113_00032_52632_5267.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_030031_000005193113_00032_52632_5298.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_031910_000002053113_00032_52632_5297.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_032241_000001933113_00032_52632_5304.N1						SS1	H/H	113	52632	32	5.04
ASA_GM1_1PNPDE20120323_032651_000002473113_00032_52632_5302.N1						SS1	H/H	113	52632	32	5.04
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ASA_GM1_1PNPDE20120323_034623_000014503113_00033_52633_5305.N1						SS1	H/H	113	52633	33	5.04
ASA_GM1_1PNPDE20120323_044047_000004283113_00033_52633_5350.N1						SS1	H/H	113	52633	33	5.04
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ASA_GM1_1PNPDE20120323_054435_000003323113_00034_52634_5355.N1						SS1	H/H	113	52634	34	5.04
ASA_GM1_1PNPDK20120323_062101_000003083113_00034_52634_2276.N1						SS1	H/H	113	52634	34	5.04
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ASA_GM1_1PNPDK20120323_072122_000005373113_00035_52635_2317.N1						SS1	H/H	113	52635	35	5.04
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ASA_GM1_1PNPDK20120323_080114_000005313113_00035_52635_2322.N1						SS1	H/H	113	52635	35	5.04
ASA_GM1_1PNPDK20120323_085044_000007793113_00036_52636_2324.N1						SS1	H/H	113	52636	36	5.04
ASA_GM1_1PNPDK20120323_094129_000004413113_00036_52636_2364.N1						SS1	H/H	113	52636	36	5.04
ASA_GM1_1PNPDK20120323_102949_000005613113_00037_52637_2366.N1						SS1	H/H	113	52637	37	5.04
ASA_GM1_1PNPDK20120323_104252_000001203113_00037_52637_2399.N1						SS1	H/H	113	52637	37	5.04
ASA_GM1_1PNPDK20120323_112143_000007793113_00037_52637_2403.N1						SS1	H/H	113	52637	37	5.04
ASA_GM1_1PNPDK20120323_113954_000000783113_00037_52637_2401.N1						SS1	H/H	113	52637	37	5.04
ASA_GM1_1PNPDK20120323_120643_000005013113_00038_52638_2404.N1						SS1	H/H	113	52638	38	5.04
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ASA_GM1_1PNPDK20120323_132407_000003563113_00038_52638_2453.N1						SS1	H/H	113	52638	38	5.04
ASA_GM1_1PNPDK20120323_133100_000001573113_00038_52638_2458.N1						SS1	H/H	113	52638	38	5.04
ASA_GM1_1PNPDK20120323_134422_000008943113_00039_52639_2463.N1						SS1	H/H	113	52639	39	5.04
ASA_GM1_1PNPDK20120323_135806_000005373113_00039_52639_2501.N1						SS1	H/H	113	52639	39	5.04
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ASA_GM1_1PNPDK20120323_142631_000001383113_00039_52639_2504.N1						SS1	H/H	113	52639	39	5.04
ASA_GM1_1PNPDK20120323_144210_000003083113_00039_52639_2507.N1						SS1	H/H	113	52639	39	5.04
ASA_GM1_1PNPDK20120323_150338_000002113113_00039_52639_2508.N1						SS1	H/H	113	52639	39	5.04
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ASA_GM1_1PNPDK20120323_153638_000001143113_00040_52640_2536.N1						SS1	H/H	113	52640	40	5.04
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ASA_GM1_1PNPDK20120323_155243_000001813113_00040_52640_2539.N1						SS1	H/H	113	52640	40	5.04
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ASA_GM1_1PNPDK20120323_162225_000006773113_00040_52640_2543.N1						SS1	H/H	113	52640	40	5.04
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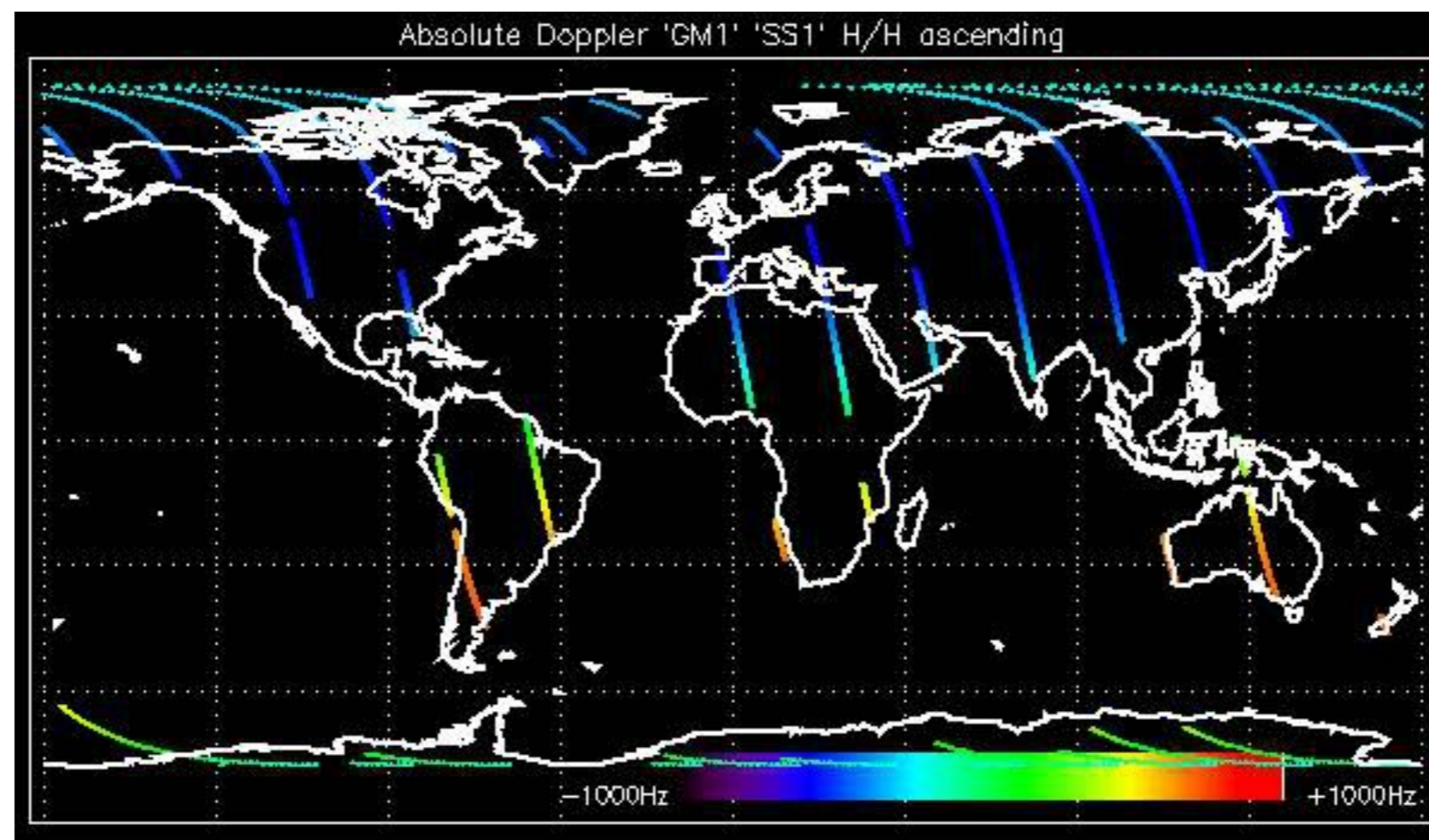
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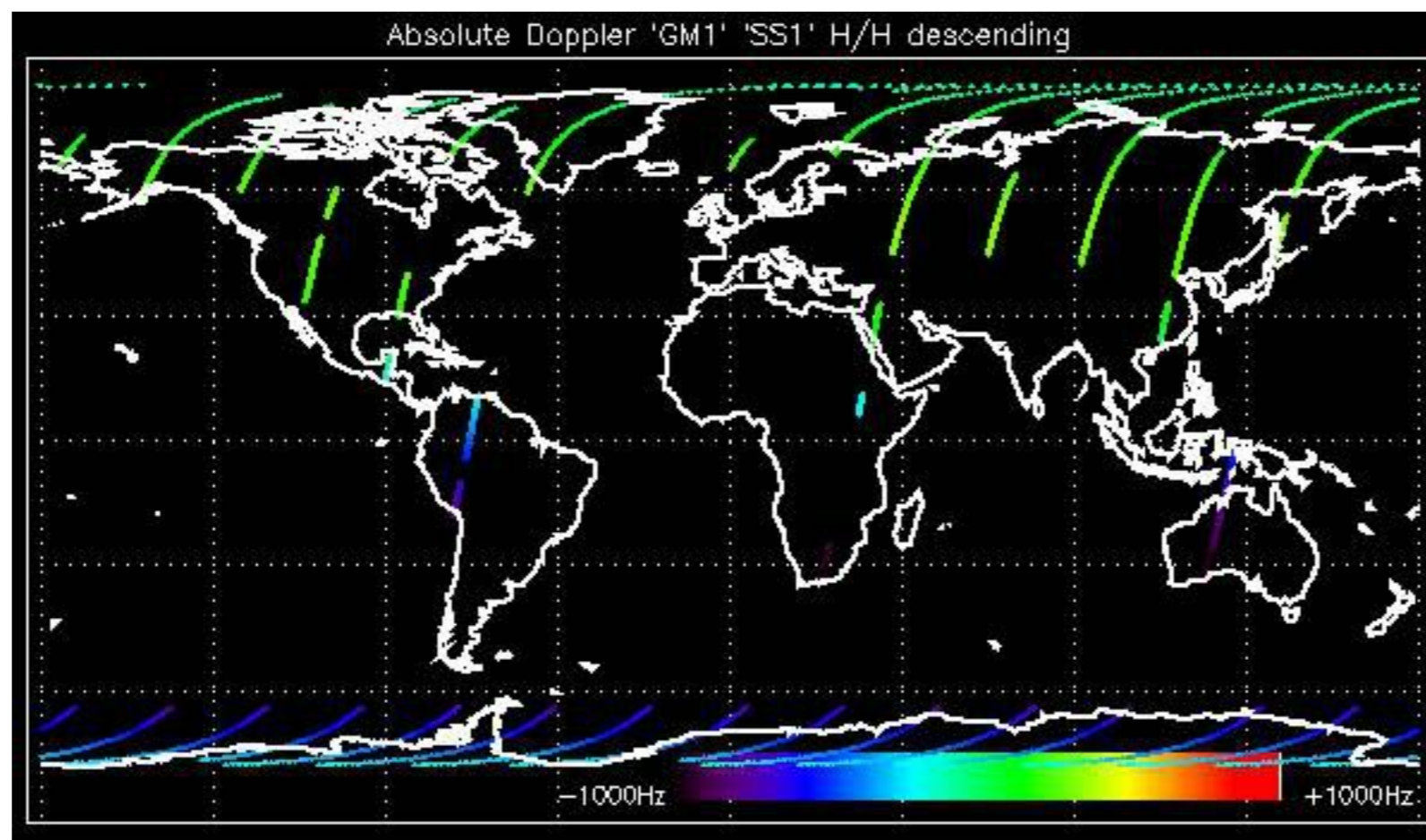
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ASA_IMM_1PNPDE20120323_041029_000001423113_00033_52633_5293.N1						IS6	H/H	113	52633	33	5.04
ASA_IMM_1PNPDE20120323_074115_000005033113_00035_52635_5391.N1						IS2	V/V	113	52635	35	5.04
ASA_IMM_1PNPDE20120323_091054_000000693113_00036_52636_5411.N1						IS6	H/H	113	52636	36	5.04
ASA_IMM_1PNPDE20120323_091212_000000523113_00036_52636_5414.N1						IS6	H/H	113	52636	36	5.04
ASA_IMM_1PNPDE20120323_091610_000002213113_00036_52636_5415.N1						IS6	H/H	113	52636	36	5.04
ASA_IMM_1PNPDE20120323_105457_000000373113_00037_52637_5446.N1						IS6	H/H	113	52637	37	5.04
ASA_IMM_1PNPDE20120323_142505_000000783113_00039_52639_5500.N1						IS6	V/V	113	52639	39	5.04
ASA_IMM_1PNPDE20120323_173451_000000373113_00041_52641_5508.N1						IS2	V/V	113	52641	41	5.04
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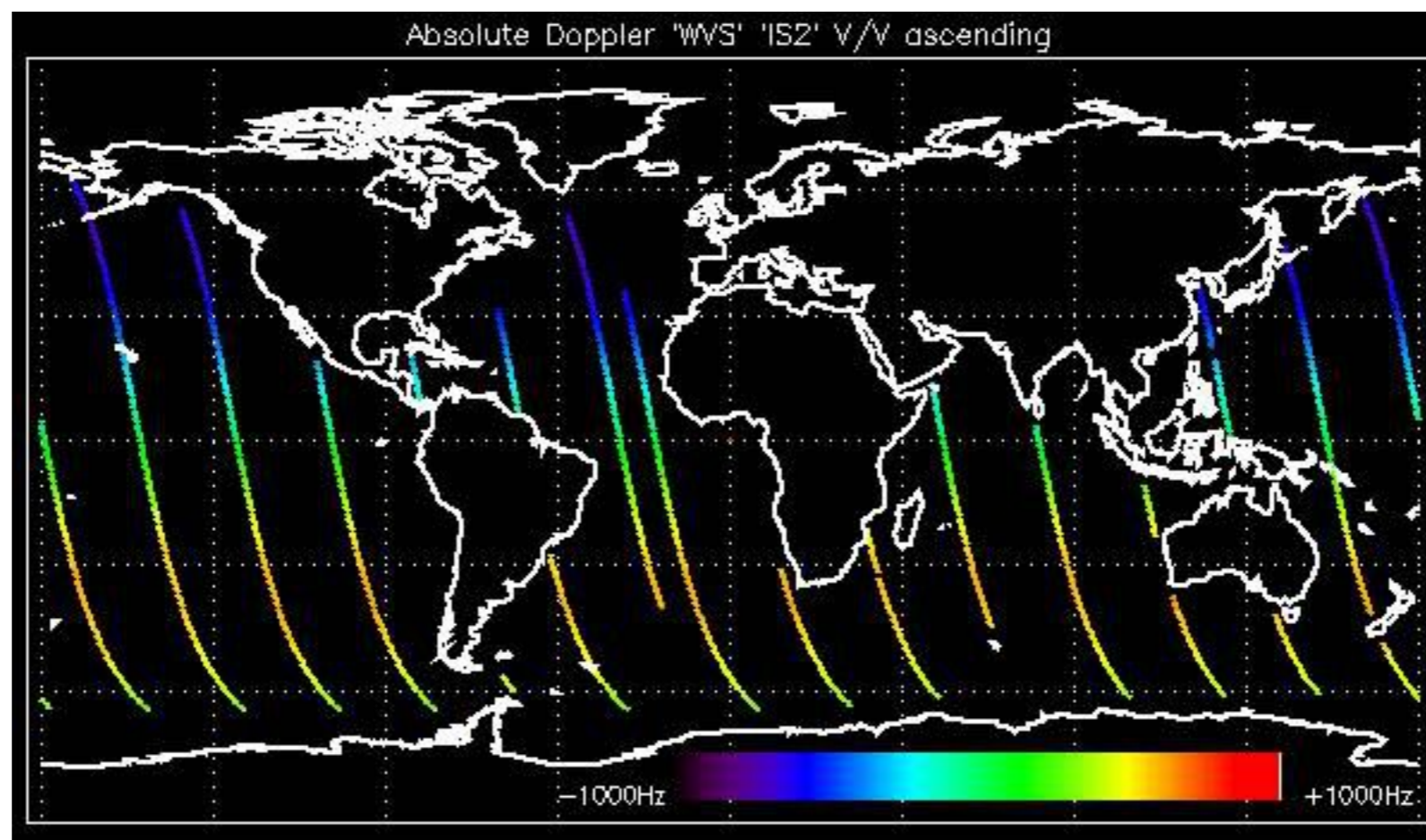
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ASA_WSM_1PNPDE20120323_023705_000003363113_00032_52632_5257.N1						SS1	H/H	113	52632	32	5.04
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ASA_WSM_1PNPDE20120323_031628_000000983113_00032_52632_5295.N1						SS1	V/V	113	52632	32	5.04
ASA_WSM_1PNPDE20120323_033102_000001163113_00032_52632_5300.N1						SS1	H/H	113	52632	32	5.04
ASA_WSM_1PNPDE20120323_041412_000002693113_00033_52633_5294.N1						SS1	H/H	113	52633	33	5.04
ASA_WSM_1PNPDE20120323_044759_000003363113_00033_52633_5347.N1						SS1	H/H	113	52633	33	5.04
ASA_WSM_1PNPDE20120323_055007_000003733113_00034_52634_5344.N1						SS1	H/H	113	52634	34	5.04
ASA_WSM_1PNPDK20120323_062613_000001903113_00034_52634_2285.N1						SS1	H/H	113	52634	34	5.04
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ASA_WSM_1PNPDE20120323_092330_000001533113_00036_52636_5417.N1						SS1	V/V	113	52636	36	5.04
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ASA_WSM_1PNPDE20120323_121508_000001163113_00038_52638_5467.N1						SS1	H/H	113	52638	38	5.04
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ASA_WSM_1PNPDE20120323_151253_000000983113_00039_52639_5504.N1						SS1	V/V	113	52639	39	5.04
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ASA_WSM_1PNPDE20120323_172353_000001903113_00041_52641_5507.N1						SS1	H/H	113	52641	41	5.04
ASA_WSM_1PNPDE20120323_181352_000001533113_00041_52641_5506.N1						SS1	H/H	113	52641	41	5.04
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ASA_WSM_1PNPDE20120323_203522_000003303113_00043_52643_5567.N1						SS1	H/H	113	52643	43	5.04
ASA_WSM_1PNPDE20120323_213303_000001903113_00043_52643_5556.N1						SS1	H/H	113	52643	43	5.04
ASA_WSM_1PNPDE20120323_214912_000004343113_00043_52643_5569.N1						SS1	V/V	113	52643	43	5.04
ASA_WSM_1PNPDK20120323_221254_000002083113_00044_52644_2630.N1						SS1	H/H	113	52644	44	5.04
ASA_WSM_1PNPDE20120323_221754_000003733113_00044_52644_5580.N1						SS1	H/H	113	52644	44	5.04
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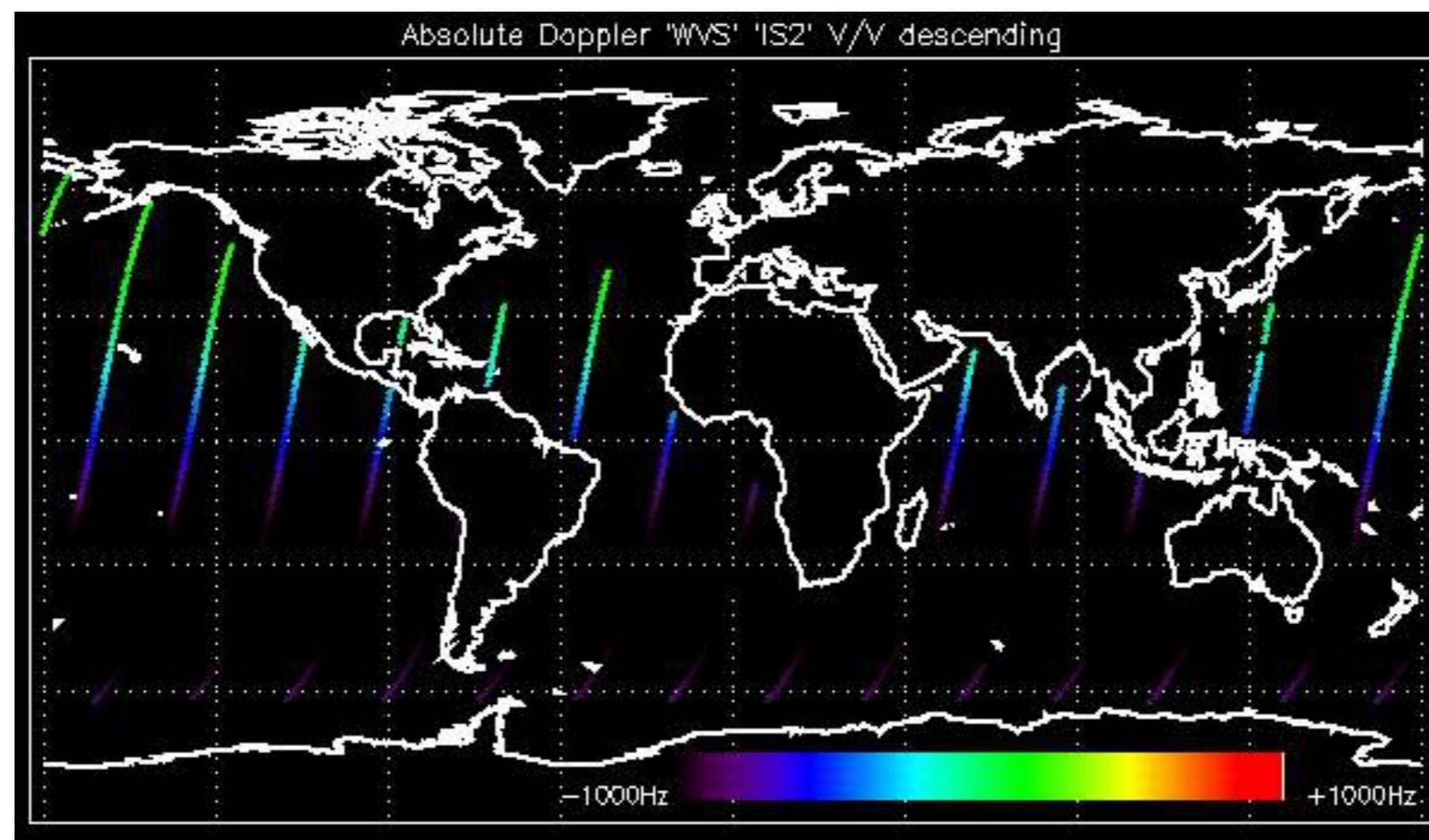


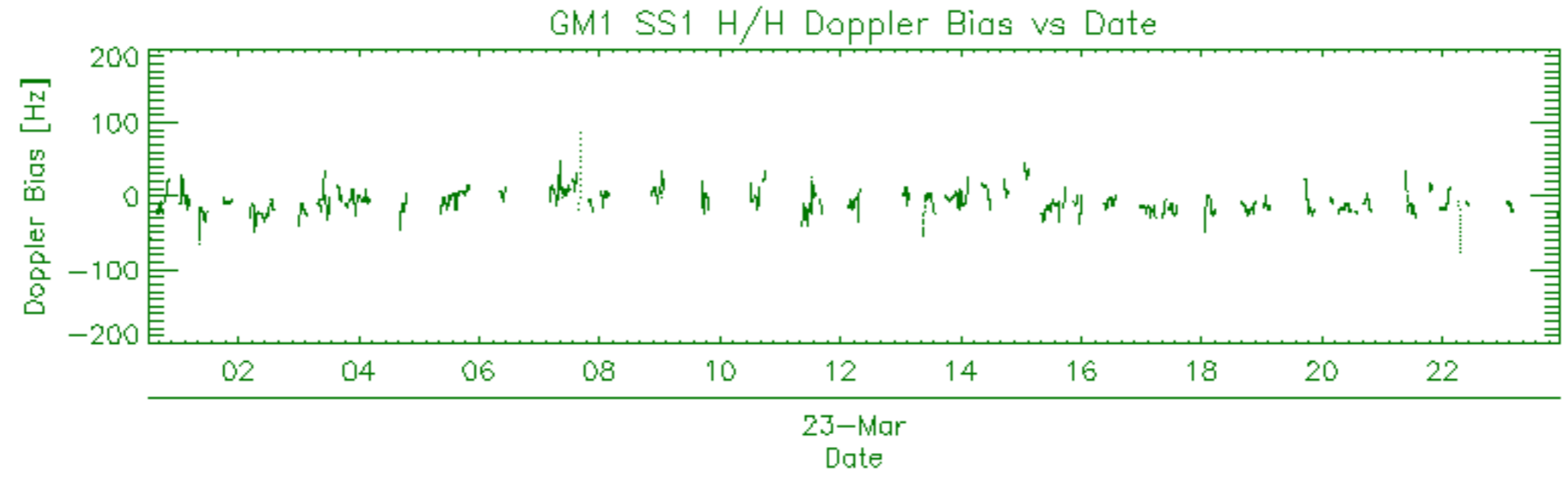
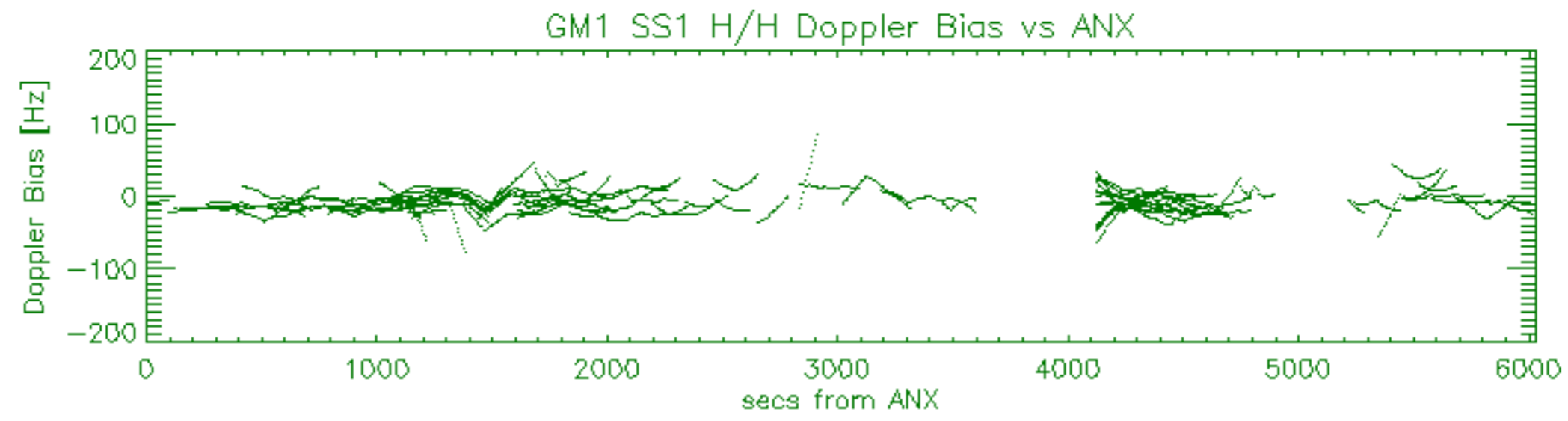
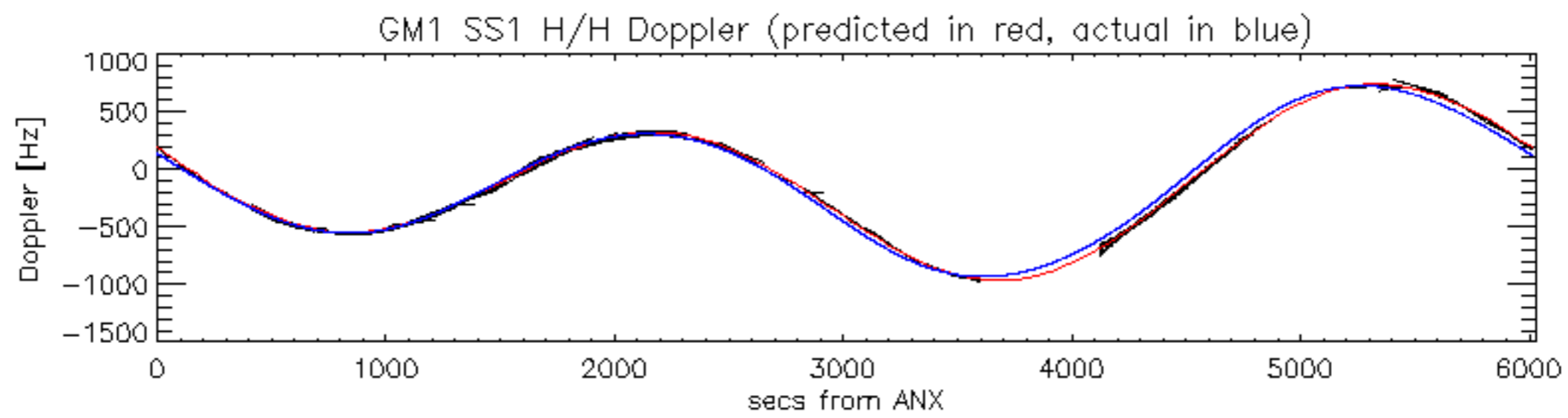
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ASA_WVS_1PNPDE20120323_000042_000015443113_00030_52630_5239.N1						IS2	V/V	113	52630	30	5.04
ASA_WVS_1PNPDE20120322_235257_000005093113_00030_52630_5220.N1						IS1	V/V	113	52630	30	5.04
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ASA_WVS_1PNPDE20120323_013311_000004203113_00031_52631_5244.N1						IS2	V/V	113	52631	31	5.04
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ASA_WVS_1PNPDK20120323_163613_000011093113_00040_52640_2544.N1						IS2	V/V	113	52640	40	5.04
ASA_WVS_1PNPDK20120323_173650_000014993113_00041_52641_2571.N1						IS2	V/V	113	52641	41	5.04
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ASA_WVS_1PNPDK20120323_195637_000006903113_00042_52642_2606.N1						IS2	V/V	113	52642	42	5.04
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ASA_WVS_1PNPDE20120323_231612_000005253113_00044_52644_5586.N1						IS2	V/V	113	52644	44	5.04
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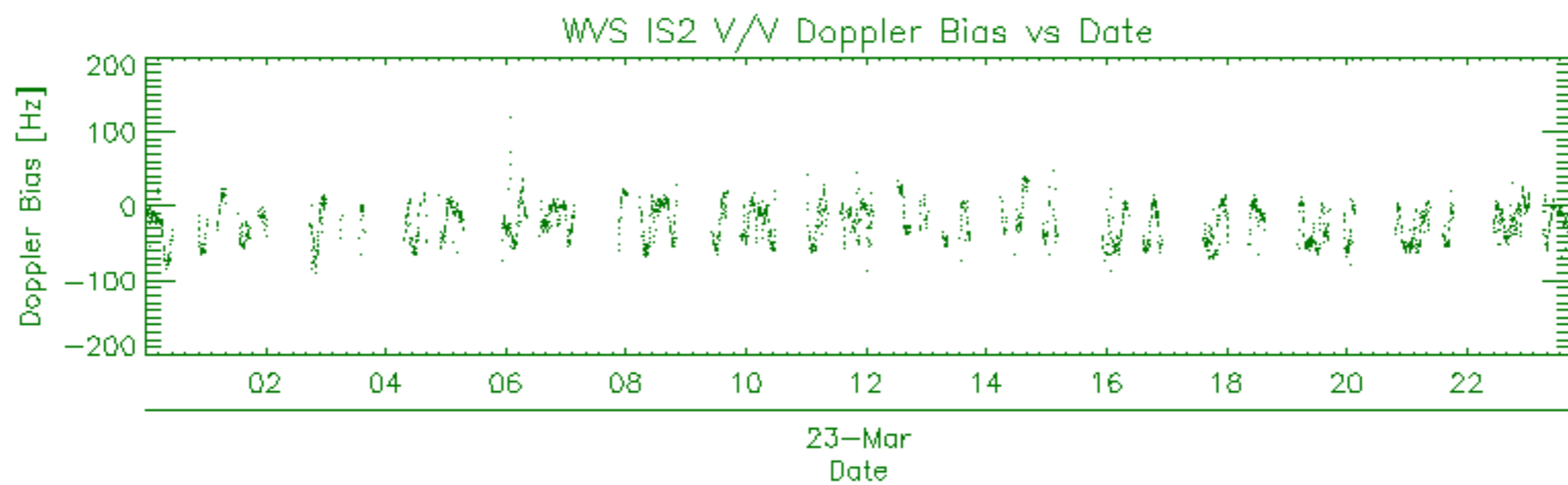
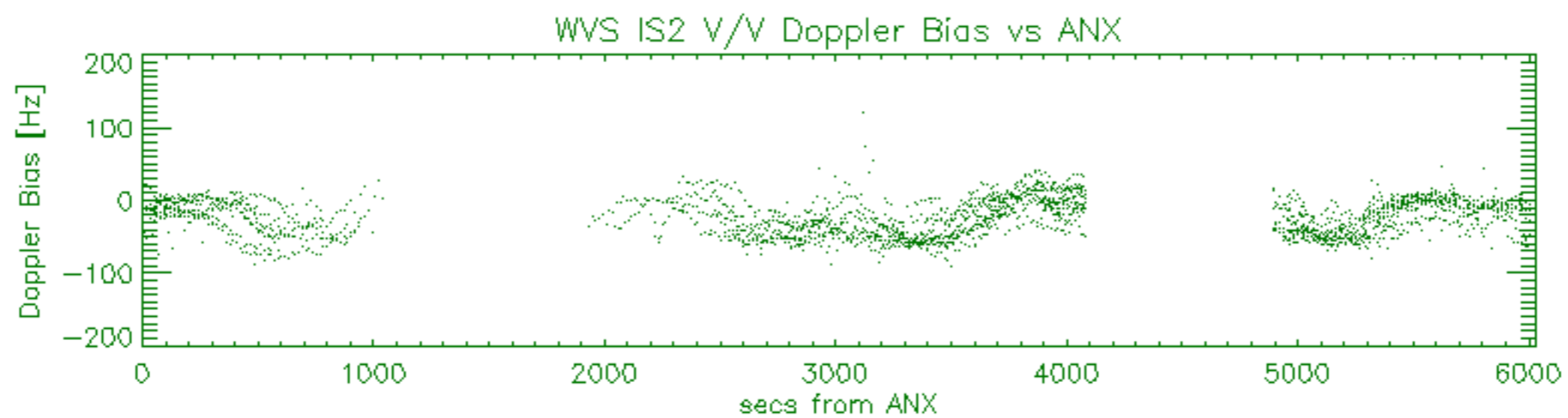
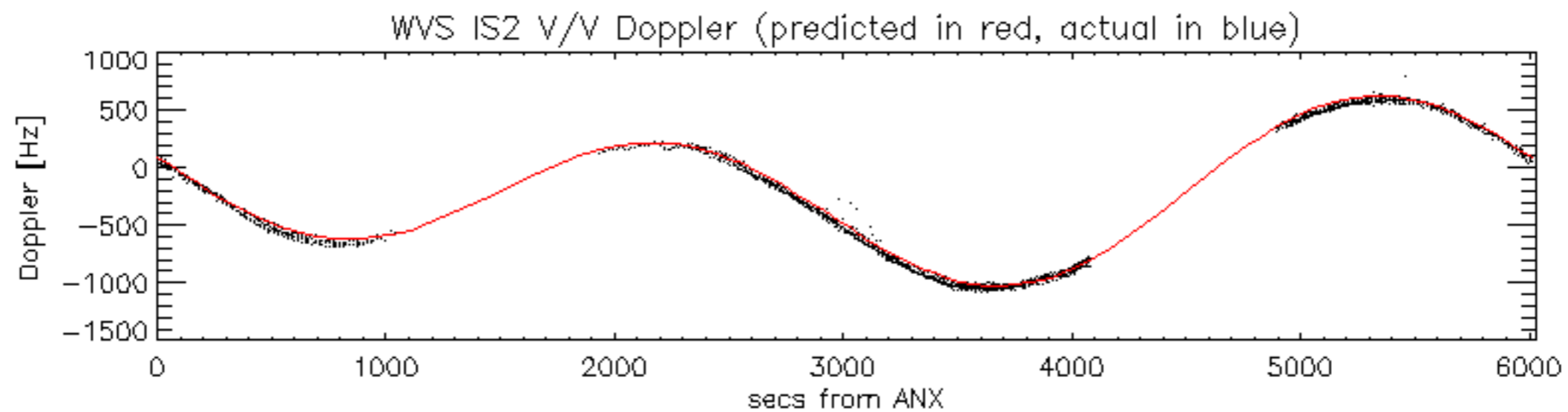


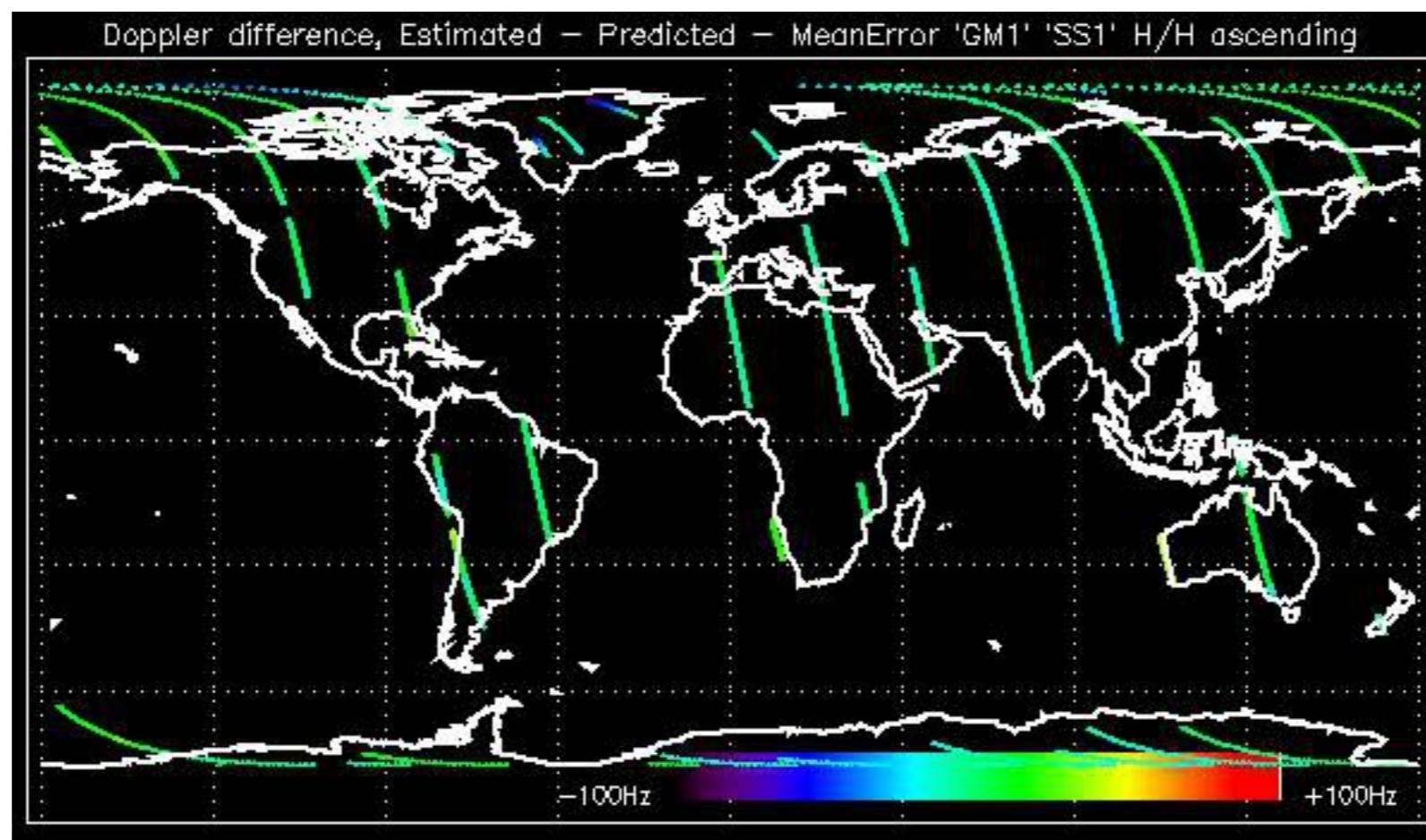




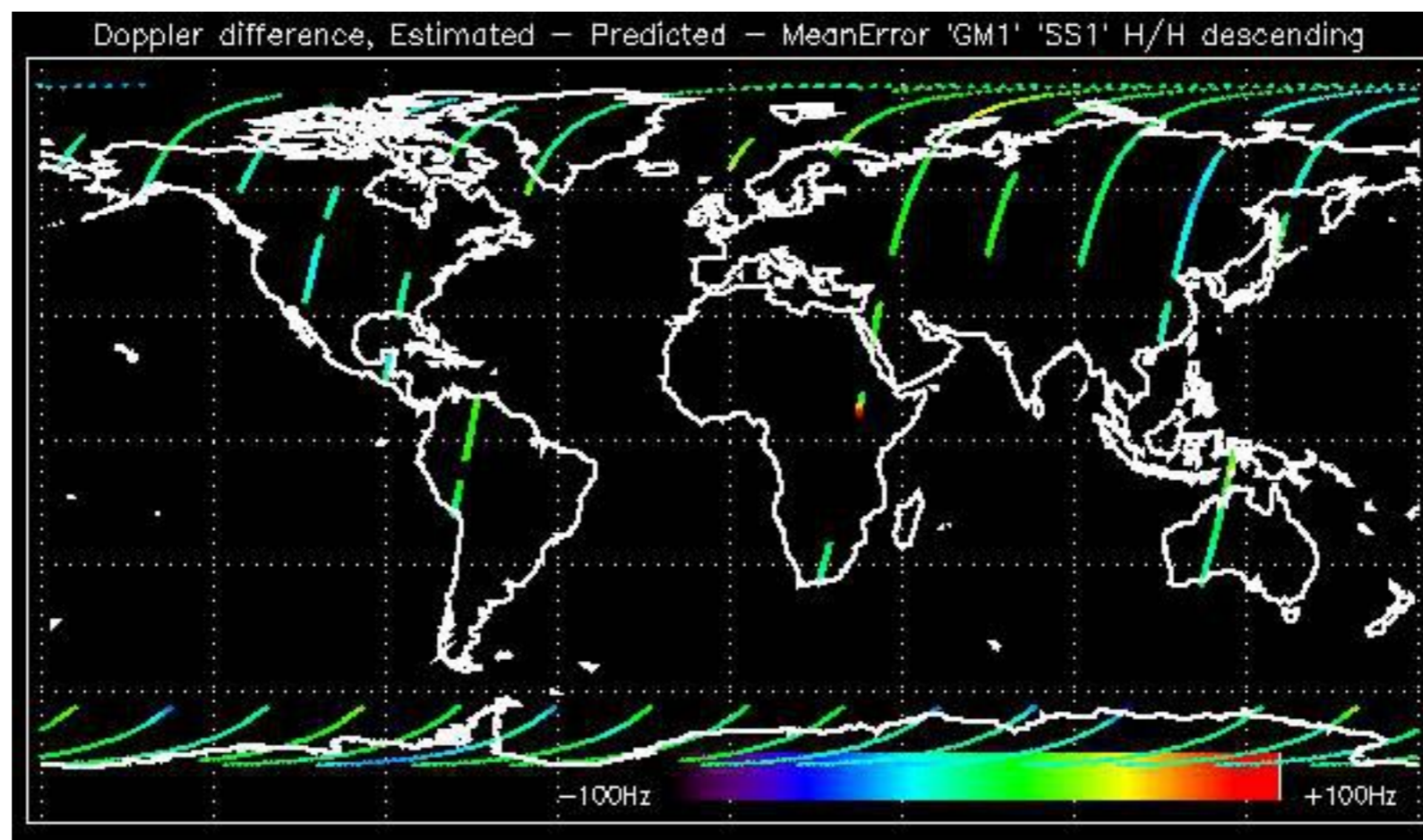


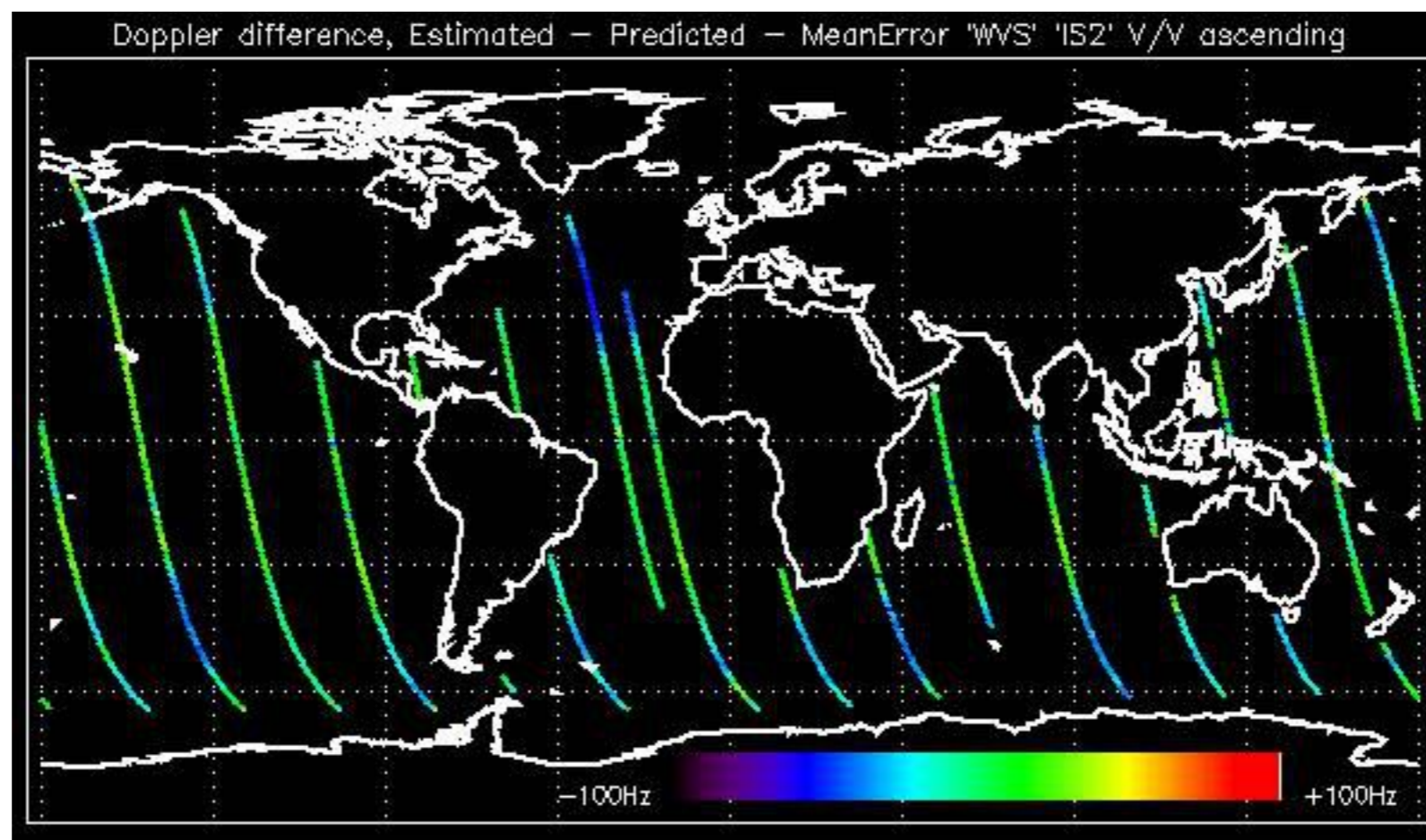


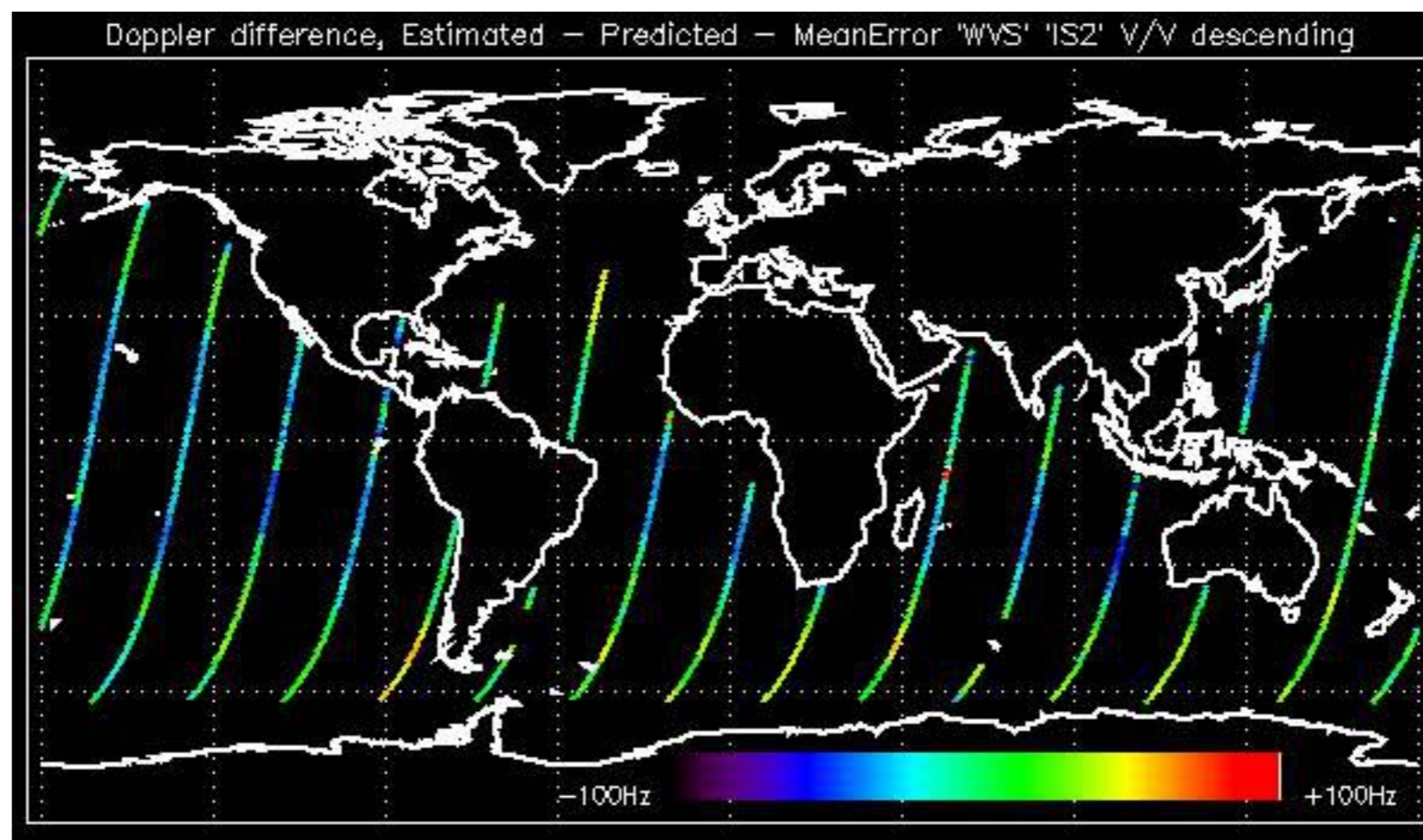


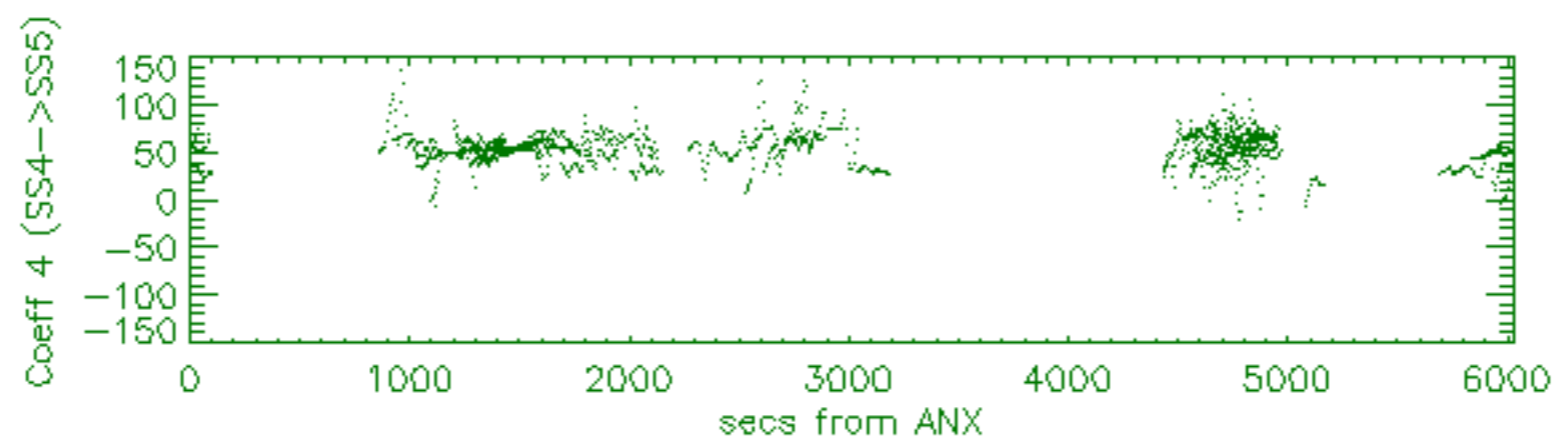
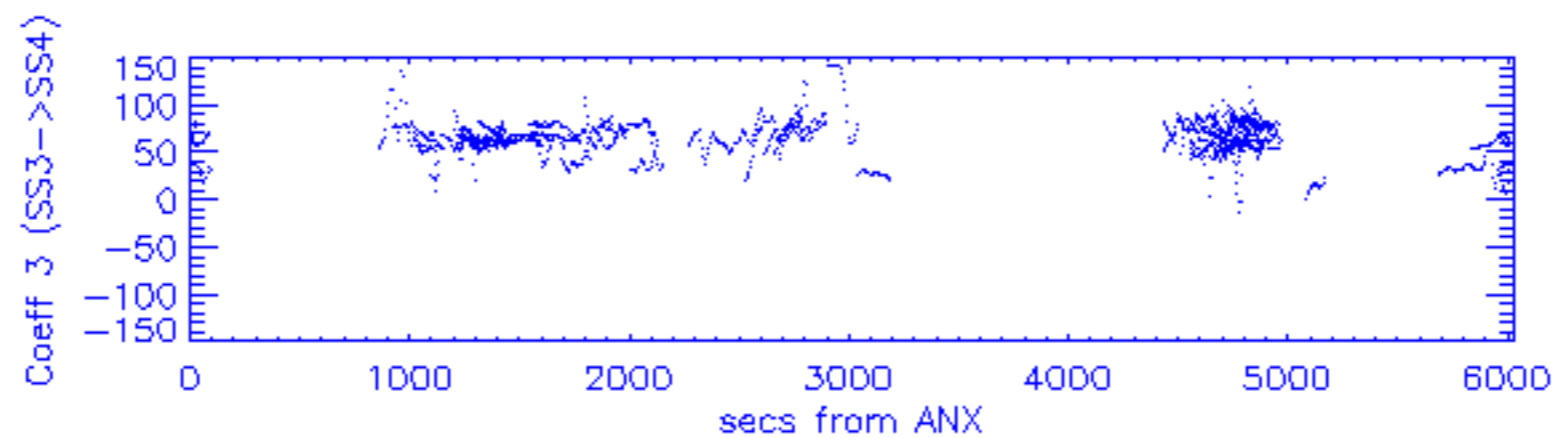
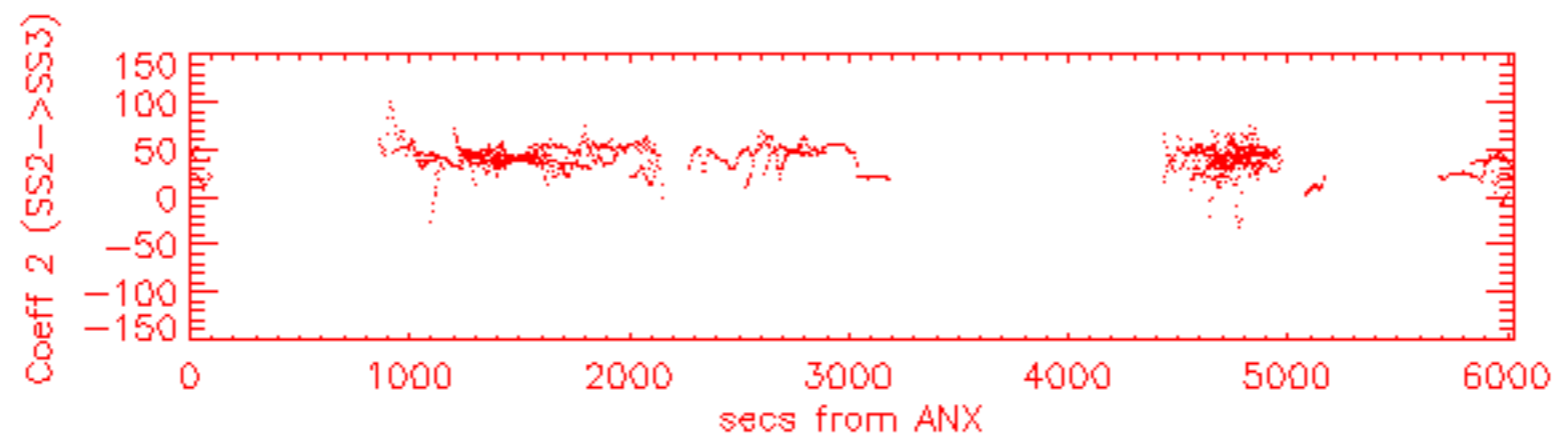
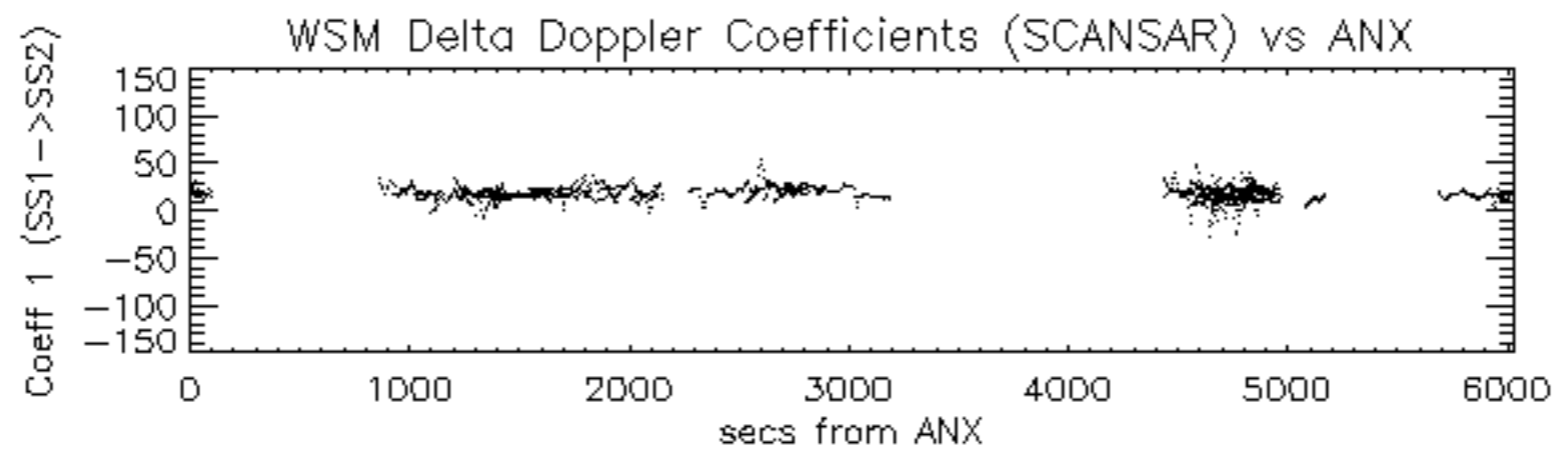


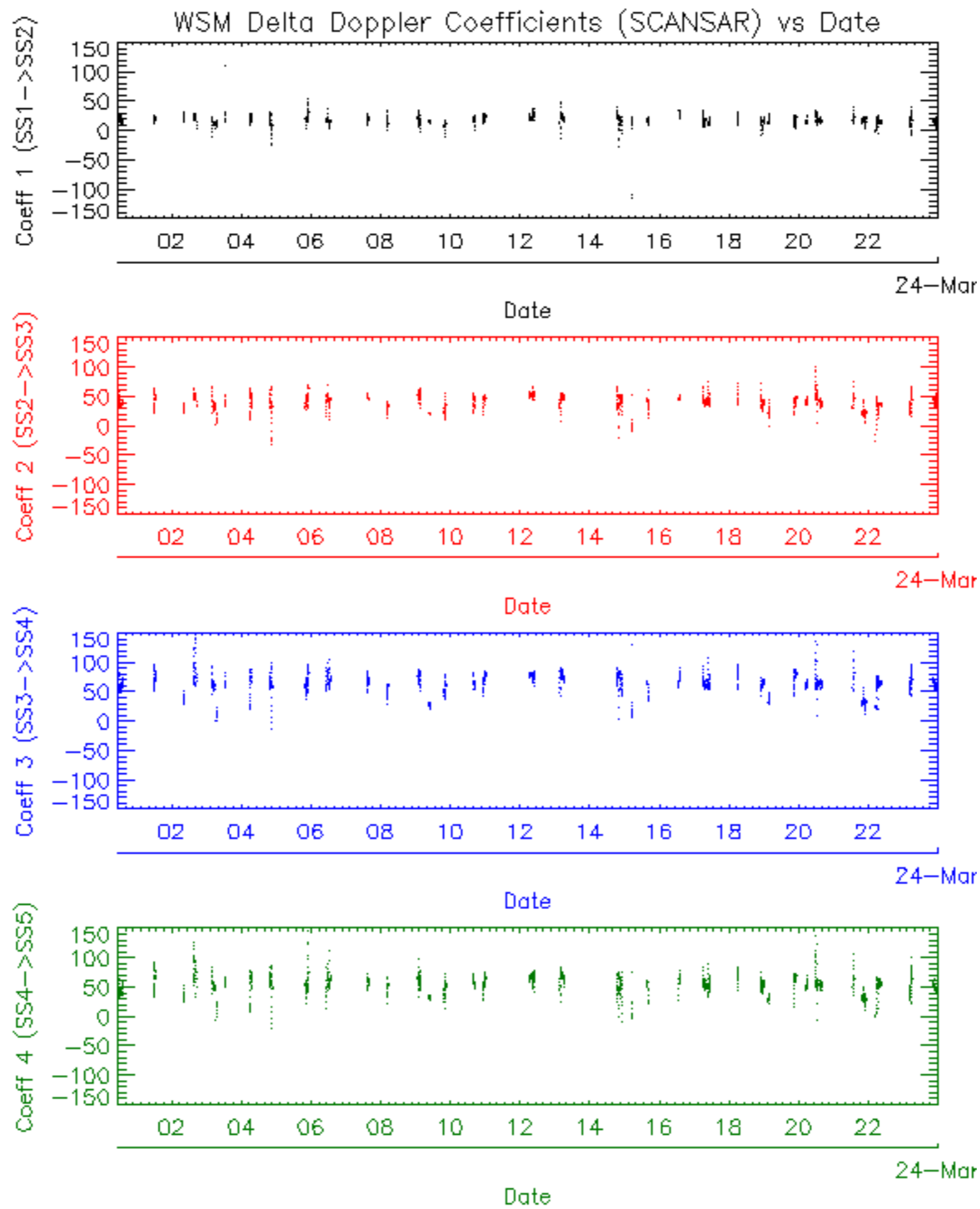




















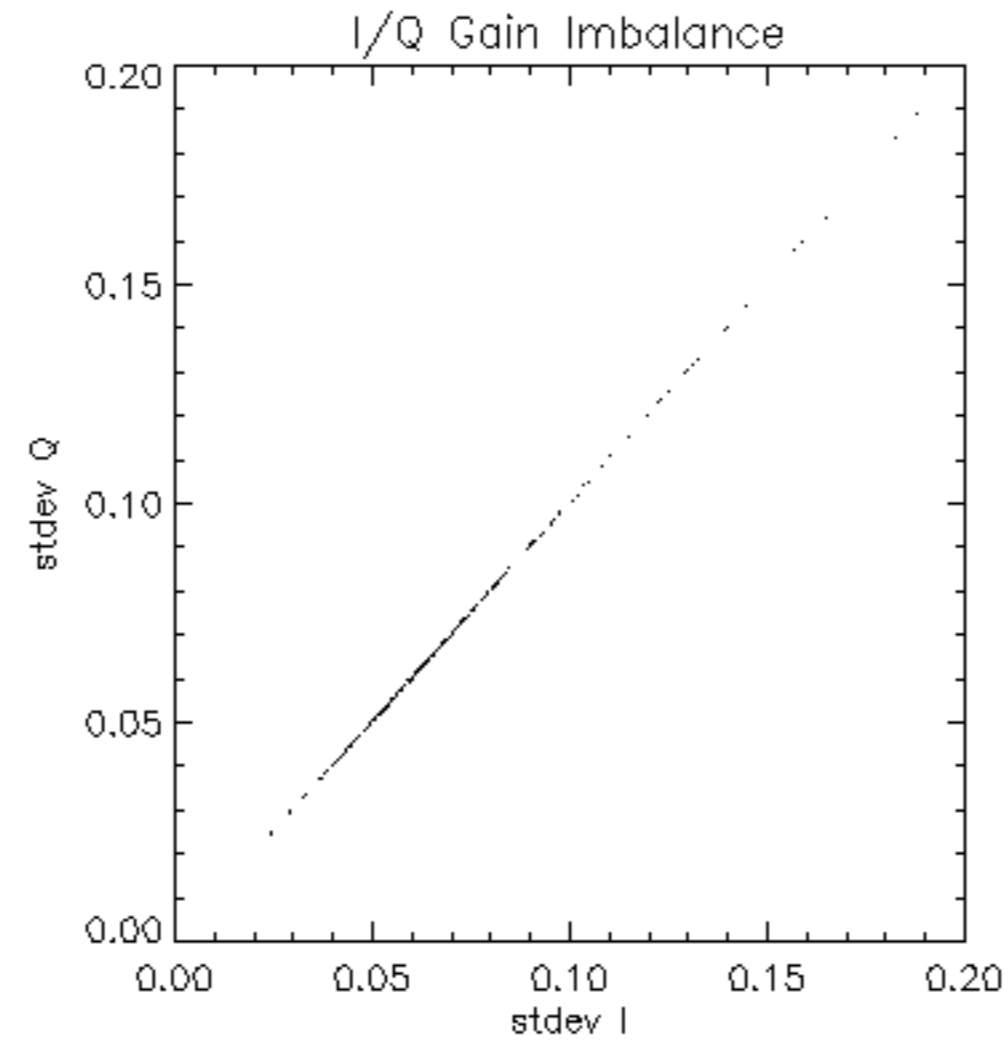


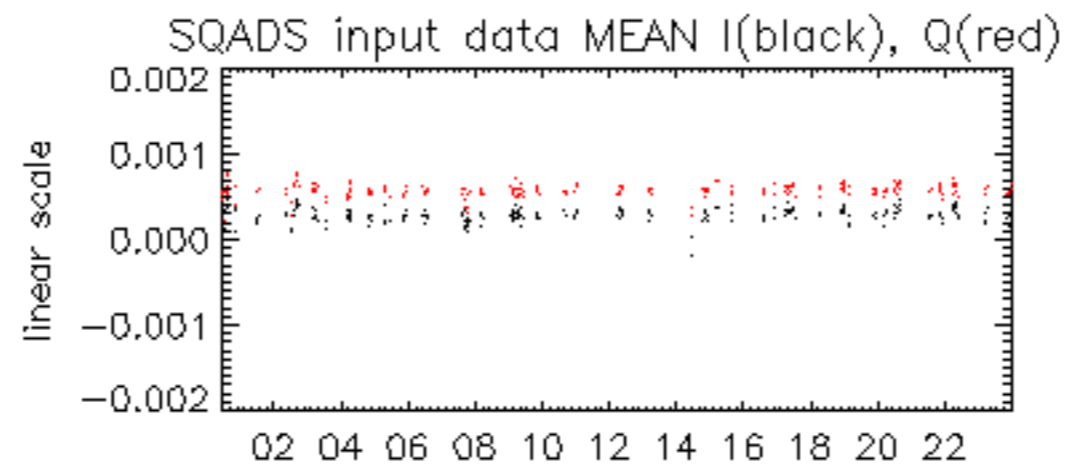




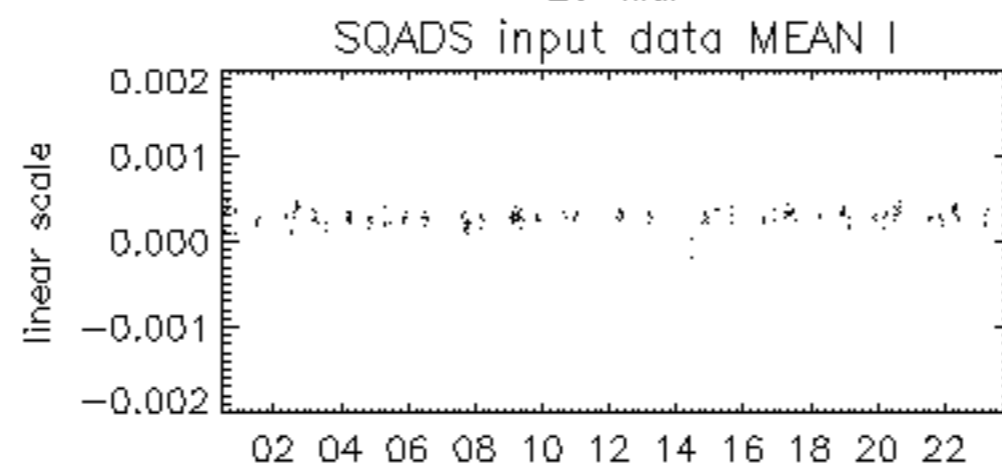




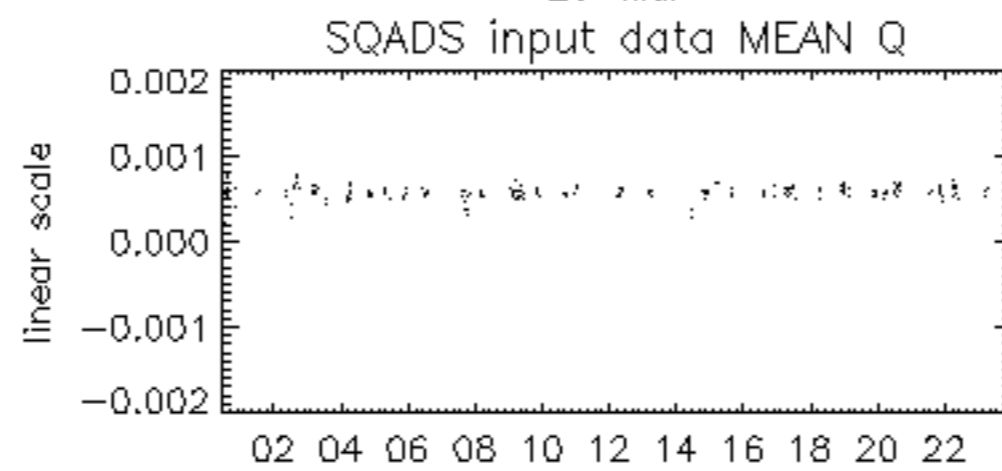




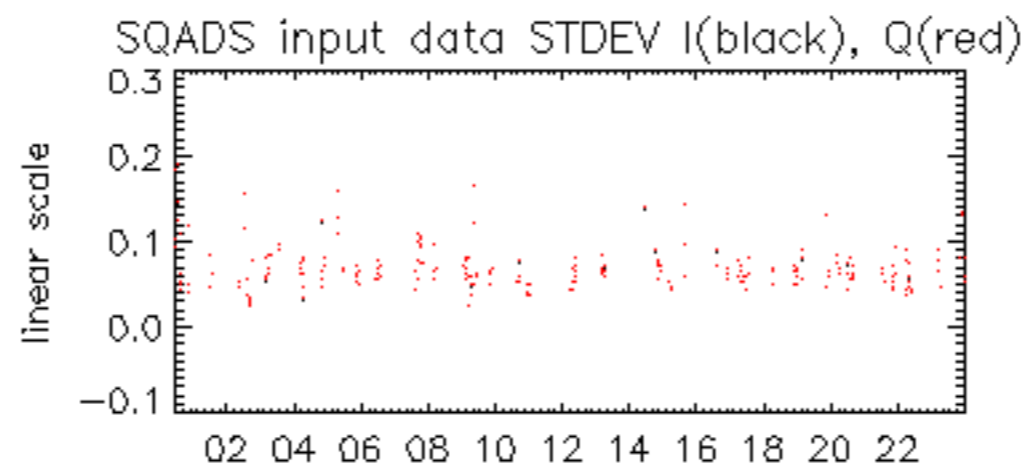
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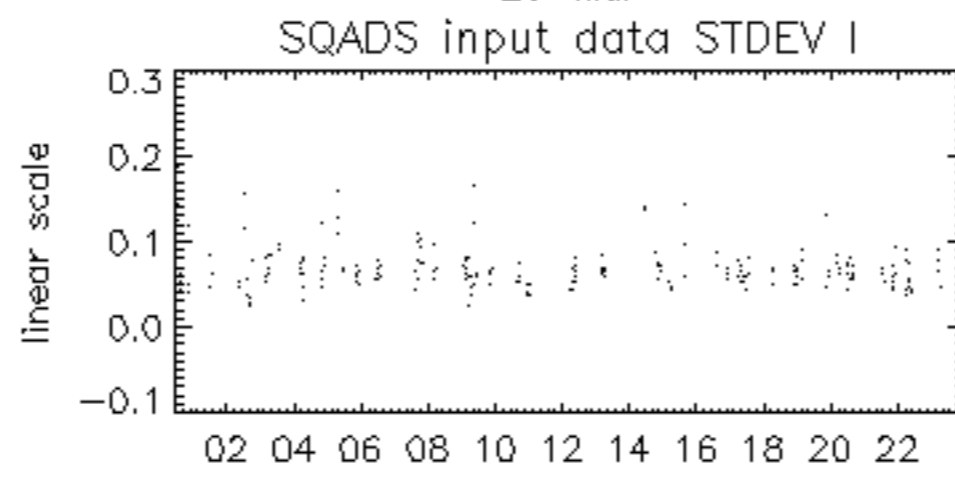
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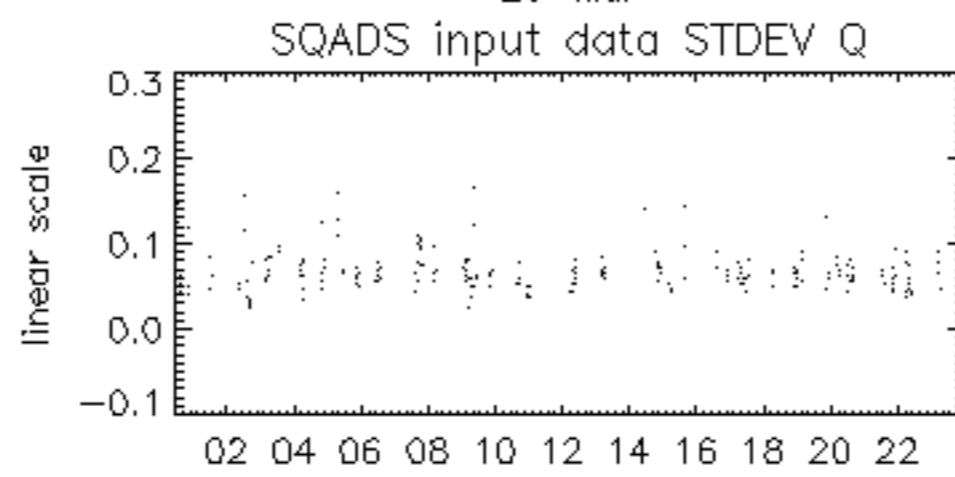
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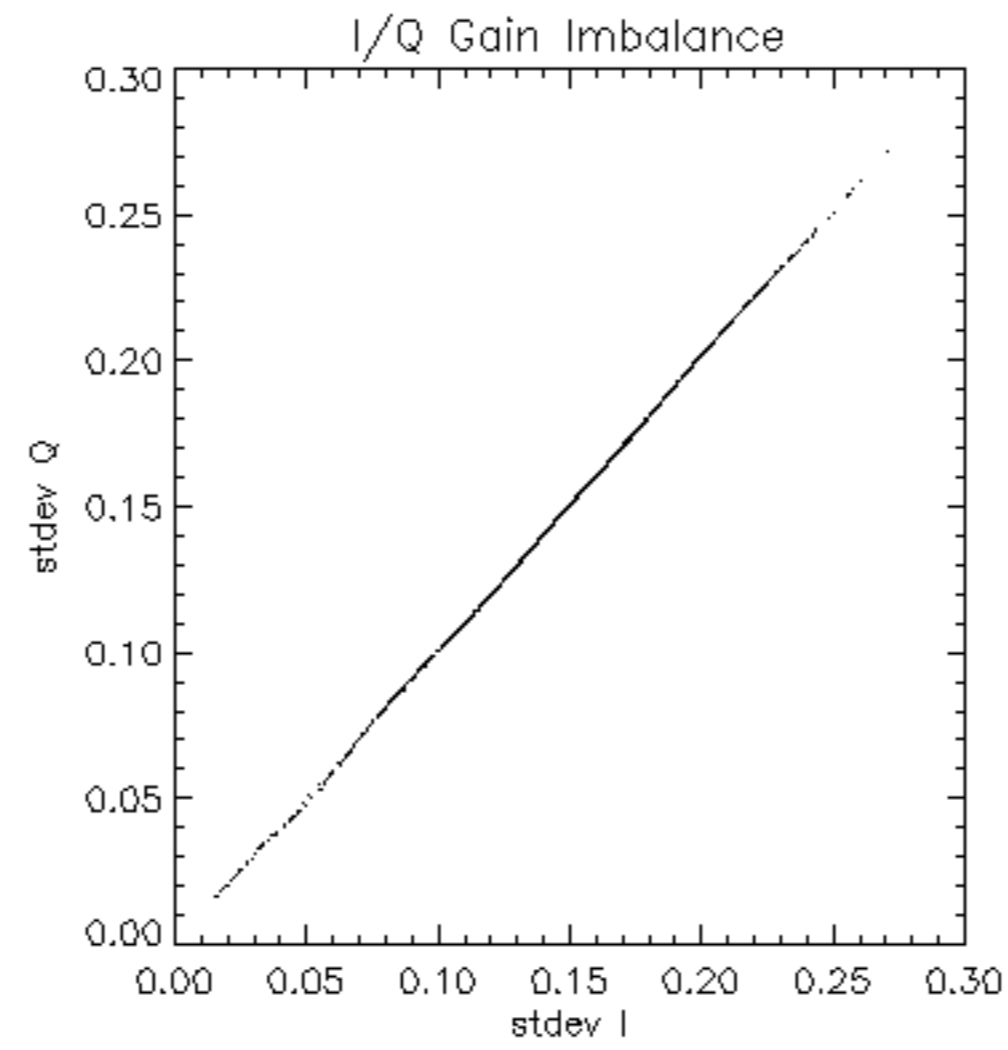


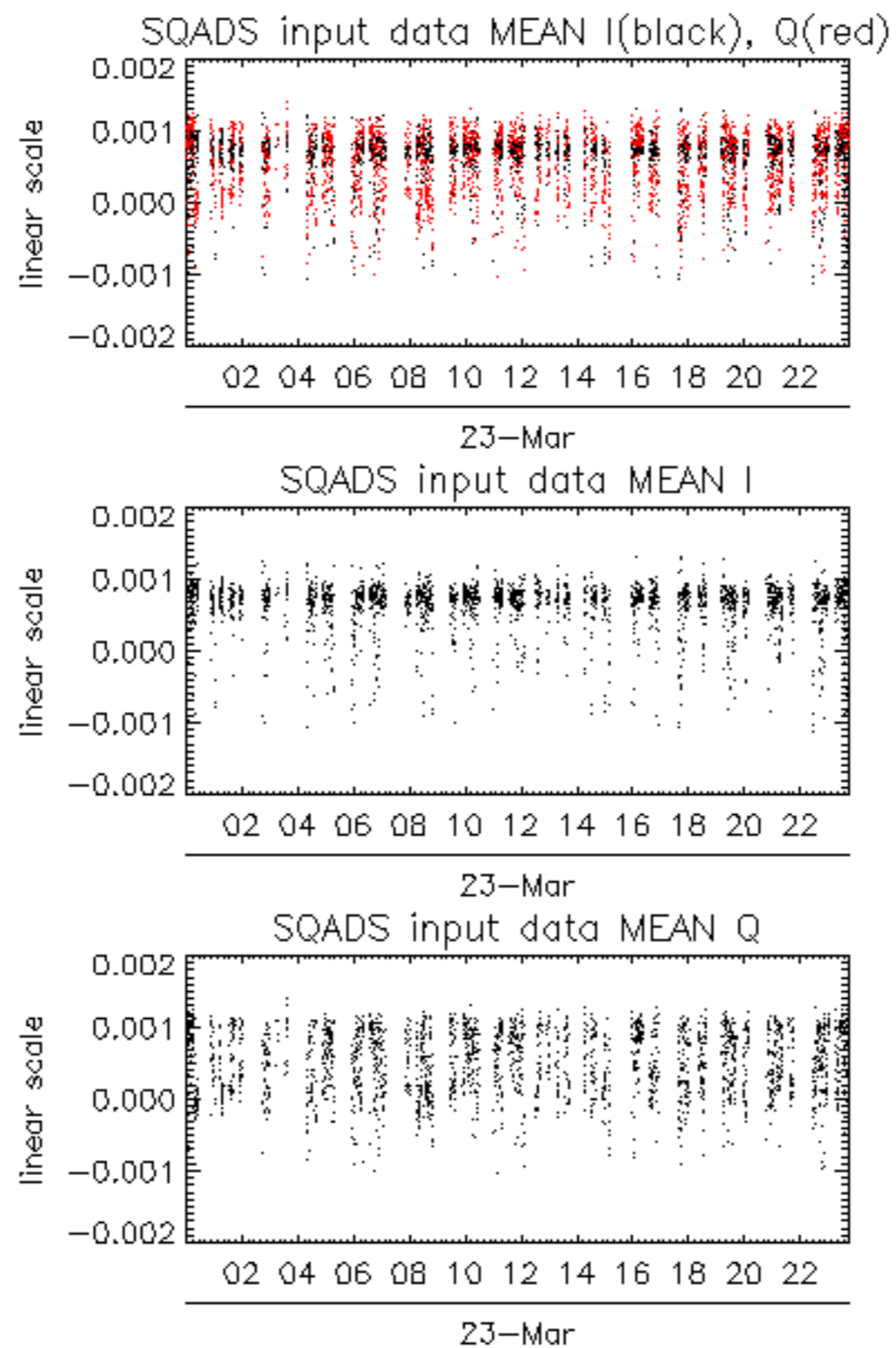
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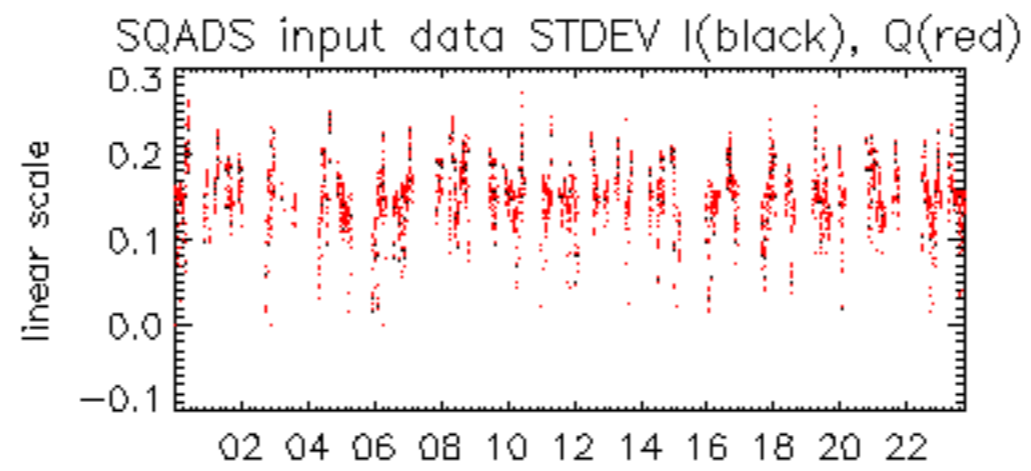


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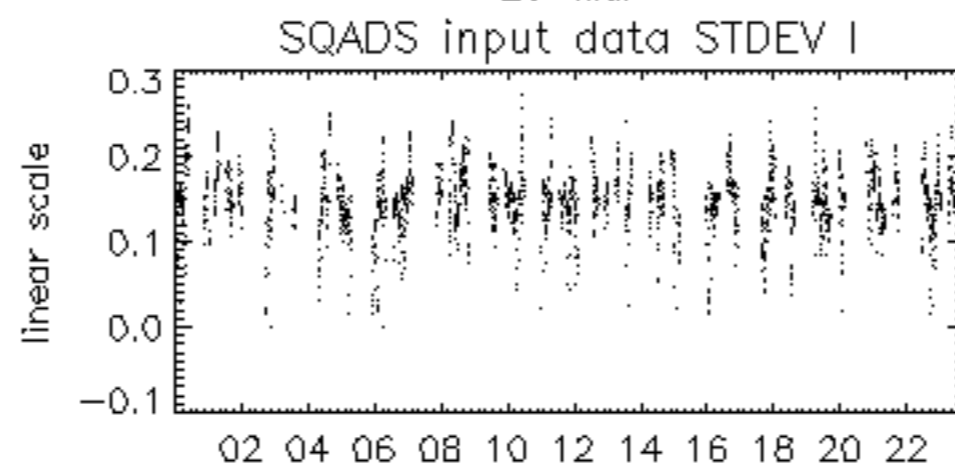




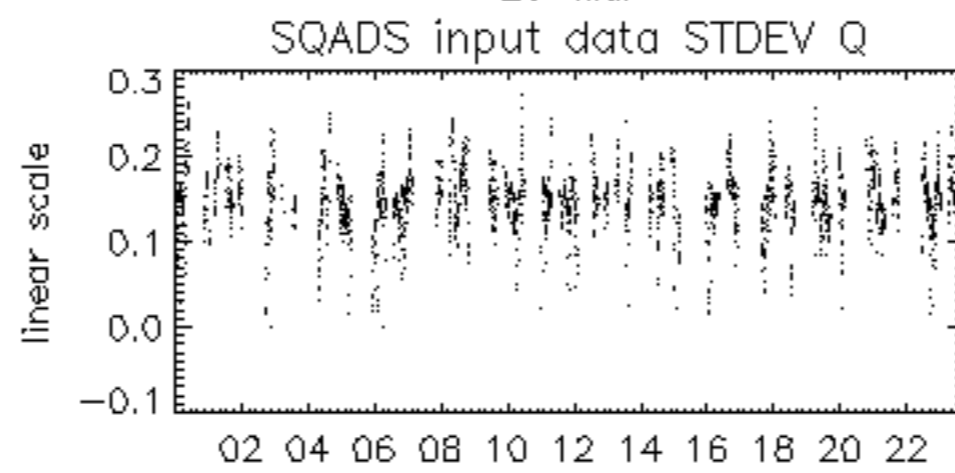




23-Mar



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