



Analysis from 22-MAR-2011 00:00:00 to 22-MAR-2011 23:59:59. Page generated on 23-MAR-2011 07:32:18.  
View log file: ASAR\_Daily\_Report\_20110323\_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	1	PDE	WS	H/H	24	PDE	IS4	V/H	1	PDE	IS2	H/H	1	PDE	WS	H/H	25	PDK	2011-03-22 07:12:41	H	320
PDE	IS2	V/V	20	PDK	WS	H/H	2	PDE	IS7	H/H	1	PDE	IS3	H/H	1	PDE	WS	V/V	2	PDK	2011-03-22 08:52:55	V	320
PDK	IS2	V/V	21					PDE	IS7	V/H	1	PDE	IS4	V/V	1	PDK	WS	H/H	3				
												PDE	IS6	H/H	3								

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20101222_141422_20100317_120410_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_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	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

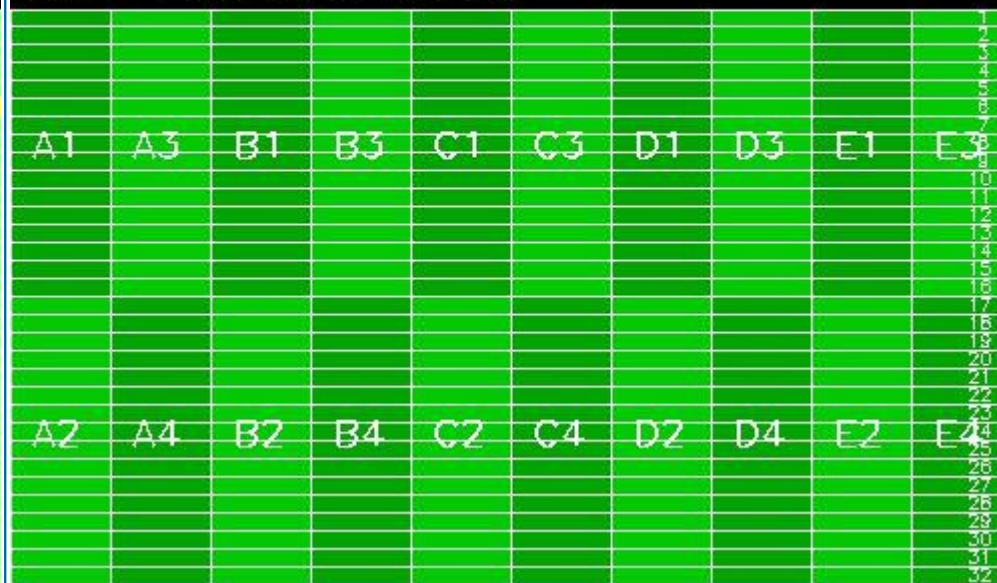
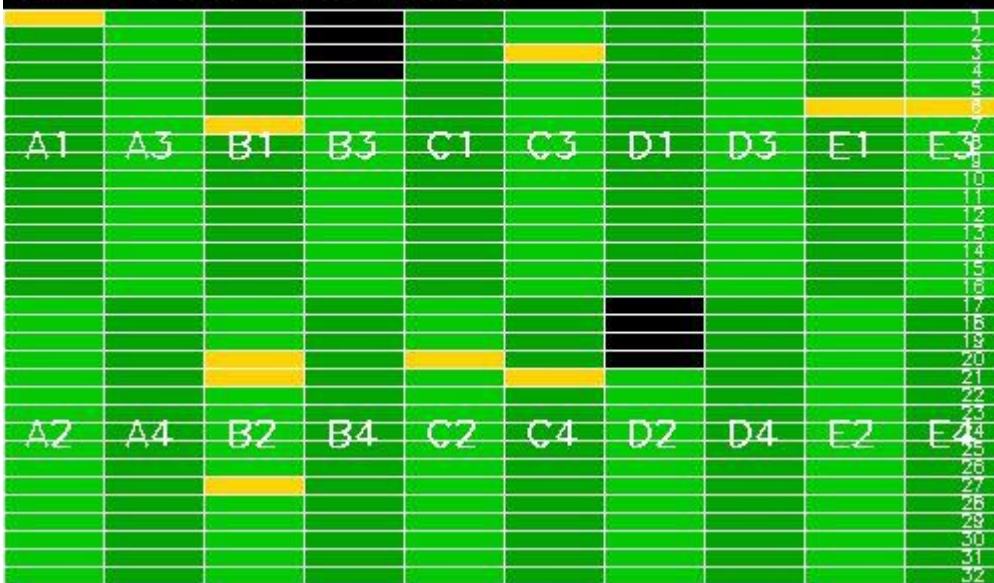
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
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Pre-launch reference (2001-02-09)

Previous product in the same polarisation

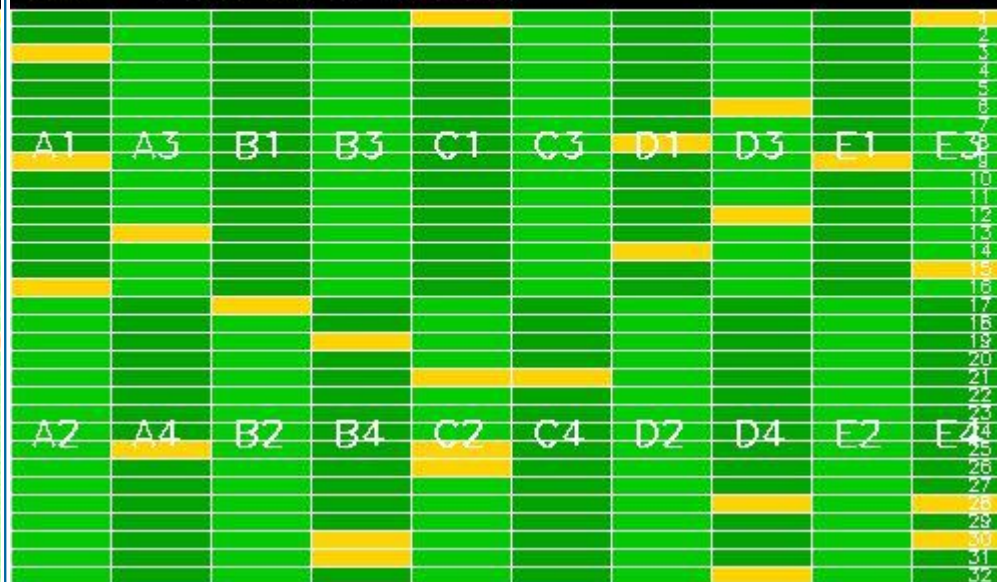
Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2011-03-22 08:52:55 V

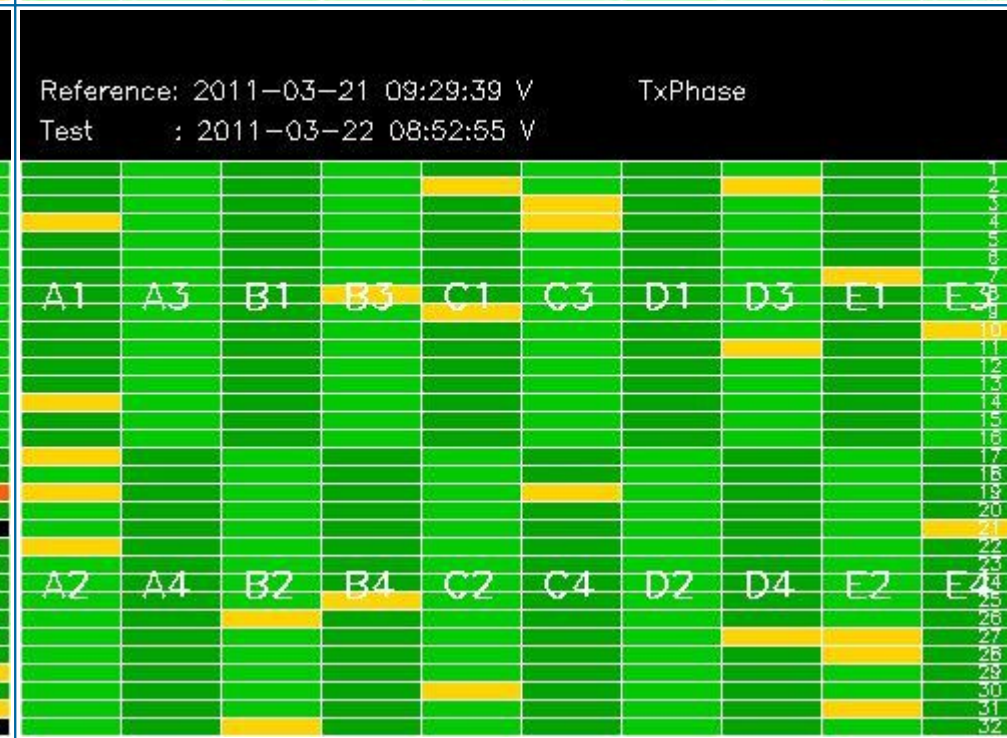
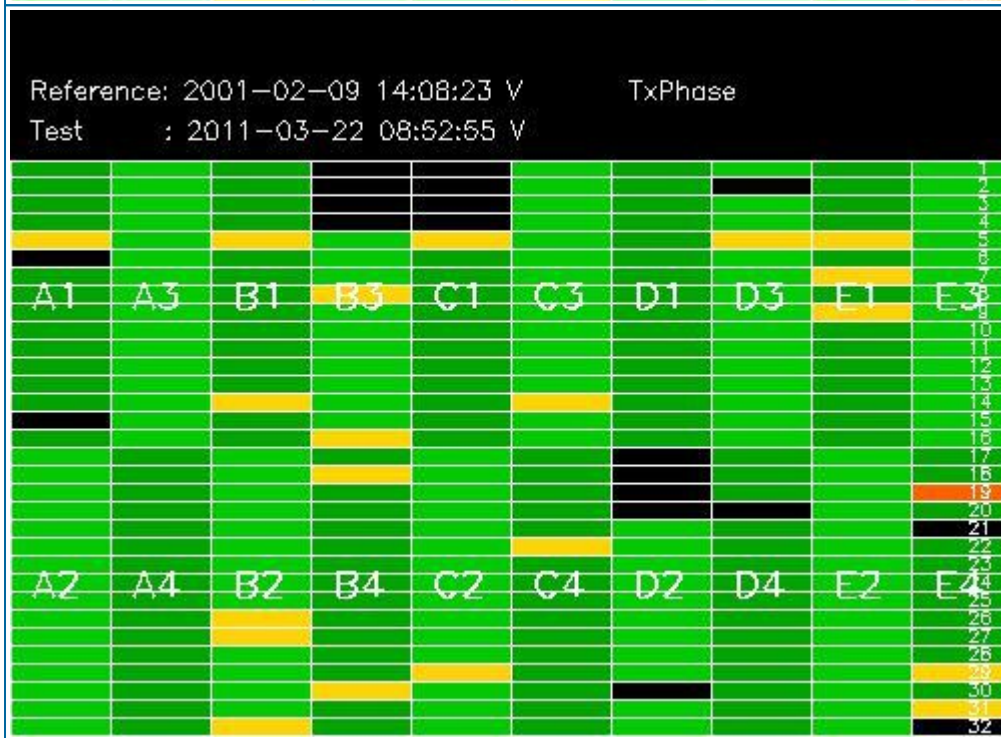
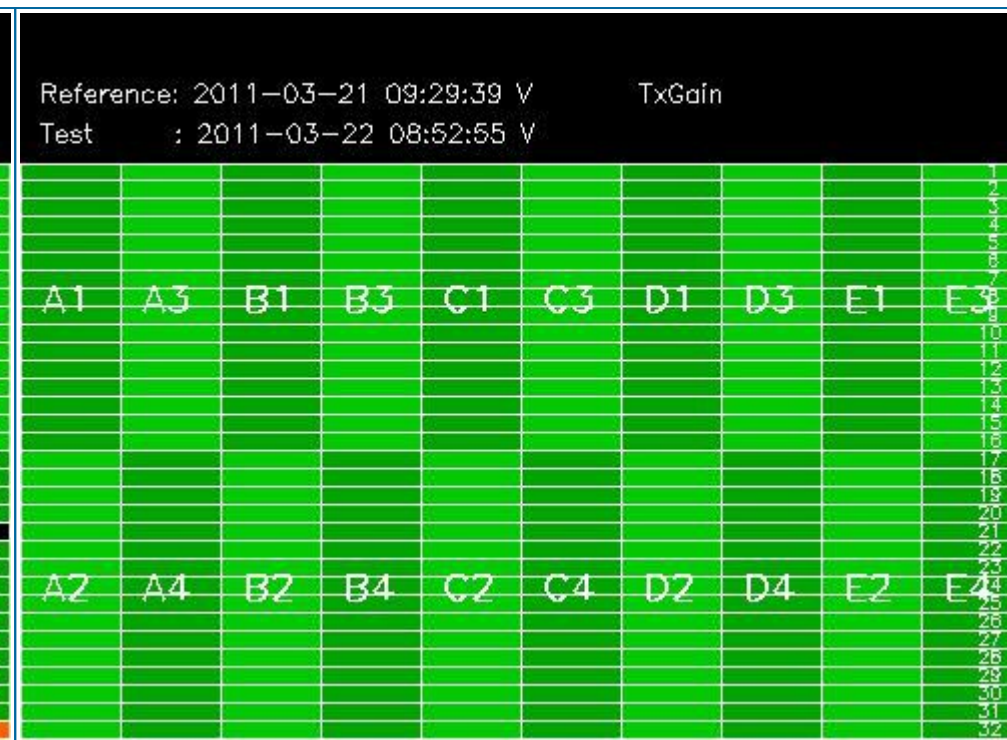
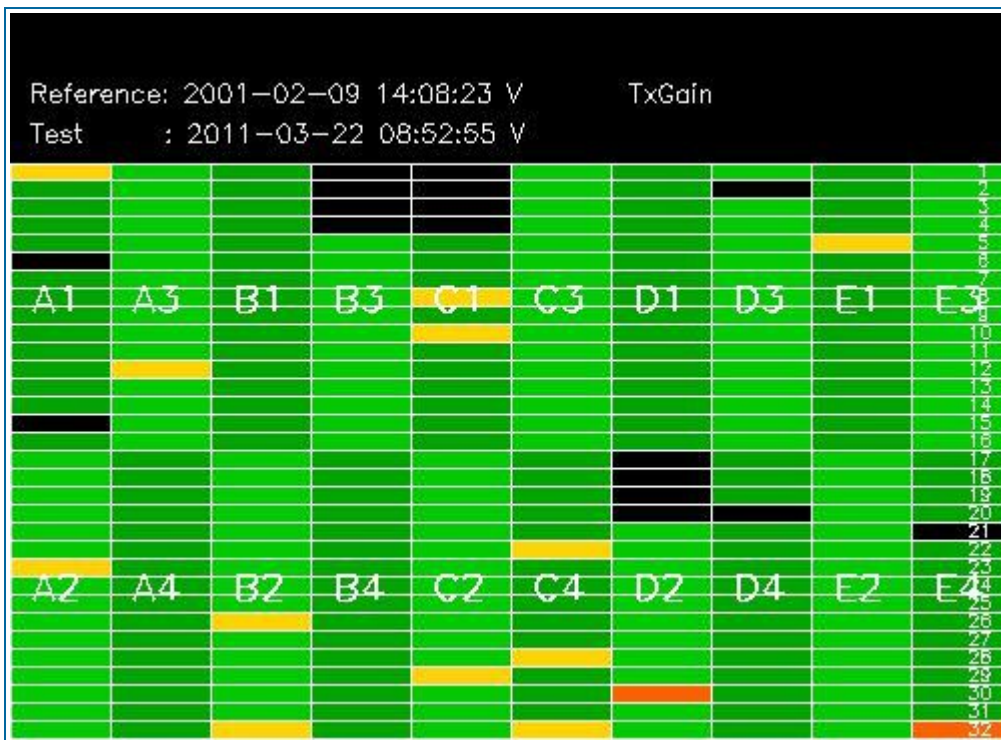
Reference: 2011-03-21 09:29:39 V RxGain  
 Test : 2011-03-22 08:52:55 V



Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2011-03-22 08:52:55 V

Reference: 2011-03-21 09:29:39 V RxPhase  
 Test : 2011-03-22 08:52:55 V





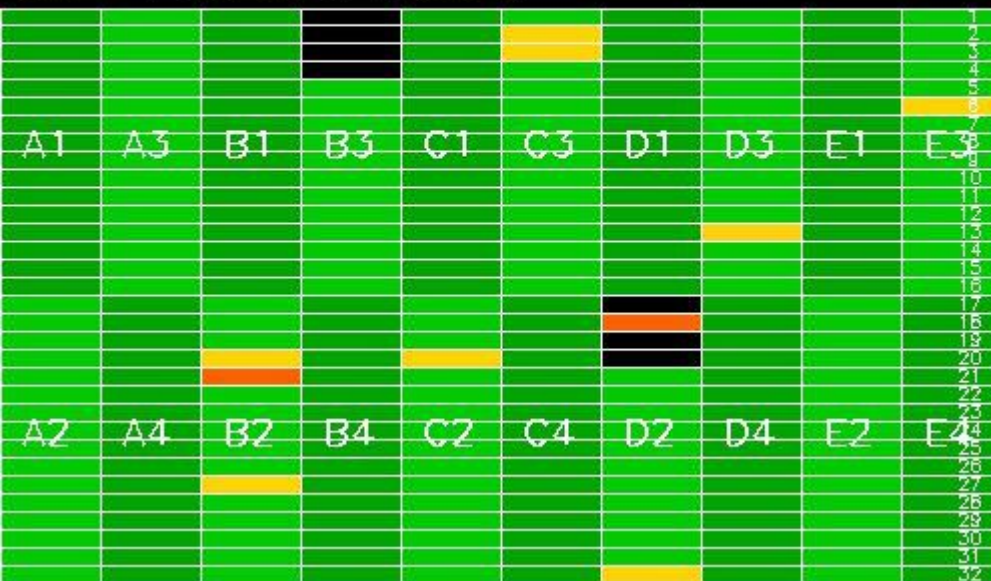
### 3.2 - H/H polarisation

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

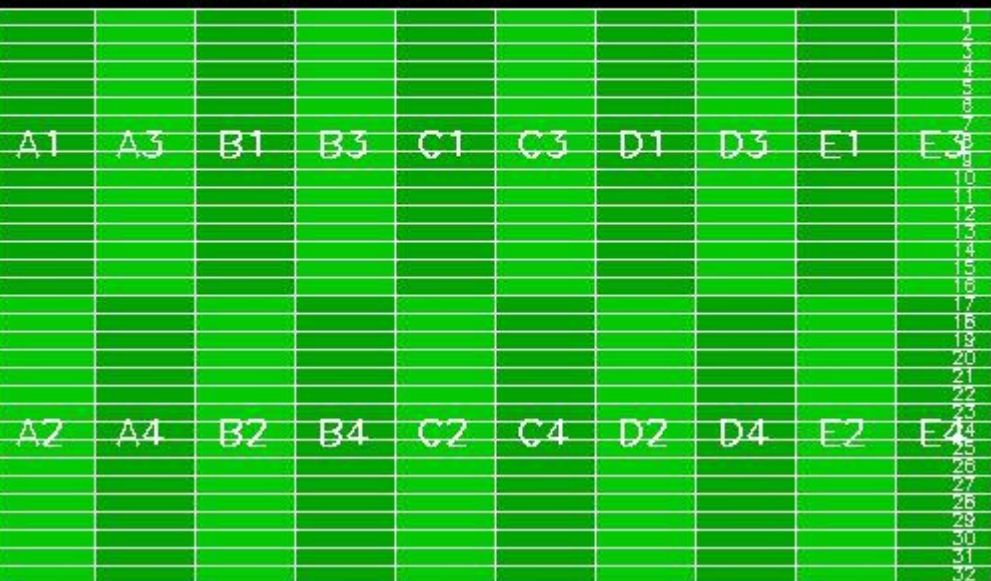
Reference: 2001-02-09 13:50:42 H RxGain

Test : 2011-03-22 07:12:41 H



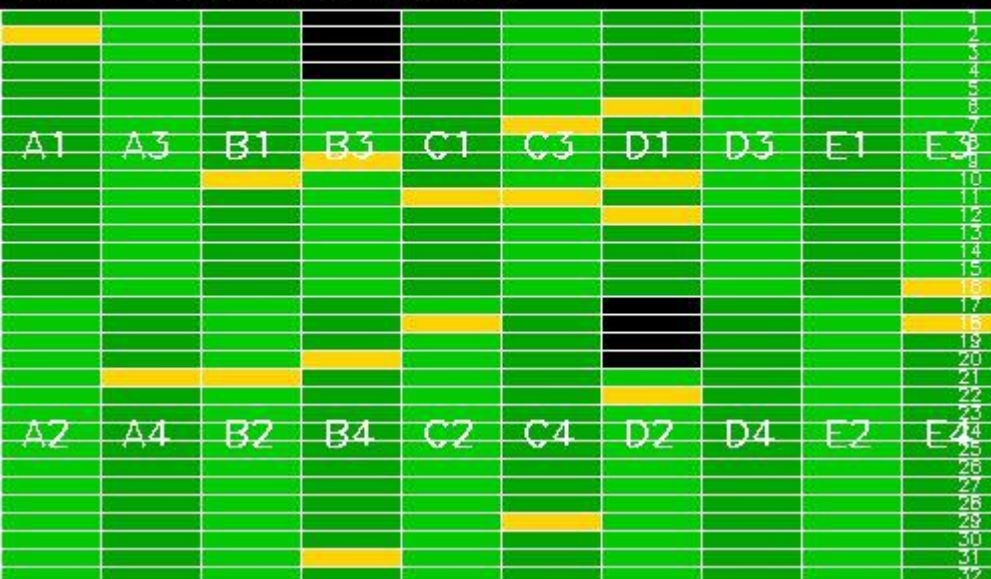
Reference: 2011-03-21 07:49:25 H RxGain

Test : 2011-03-22 07:12:41 H



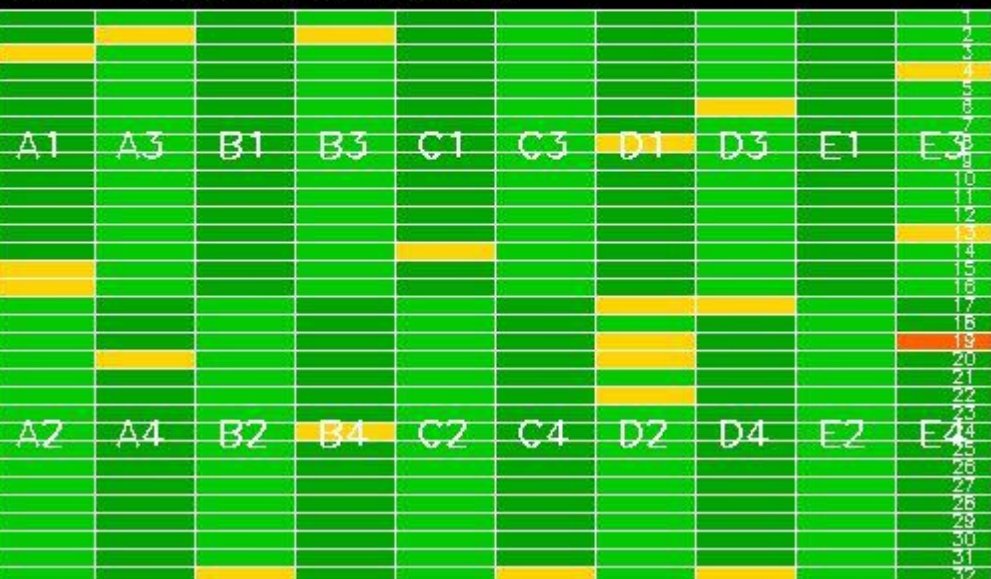
Reference: 2001-02-09 13:50:42 H RxPhase

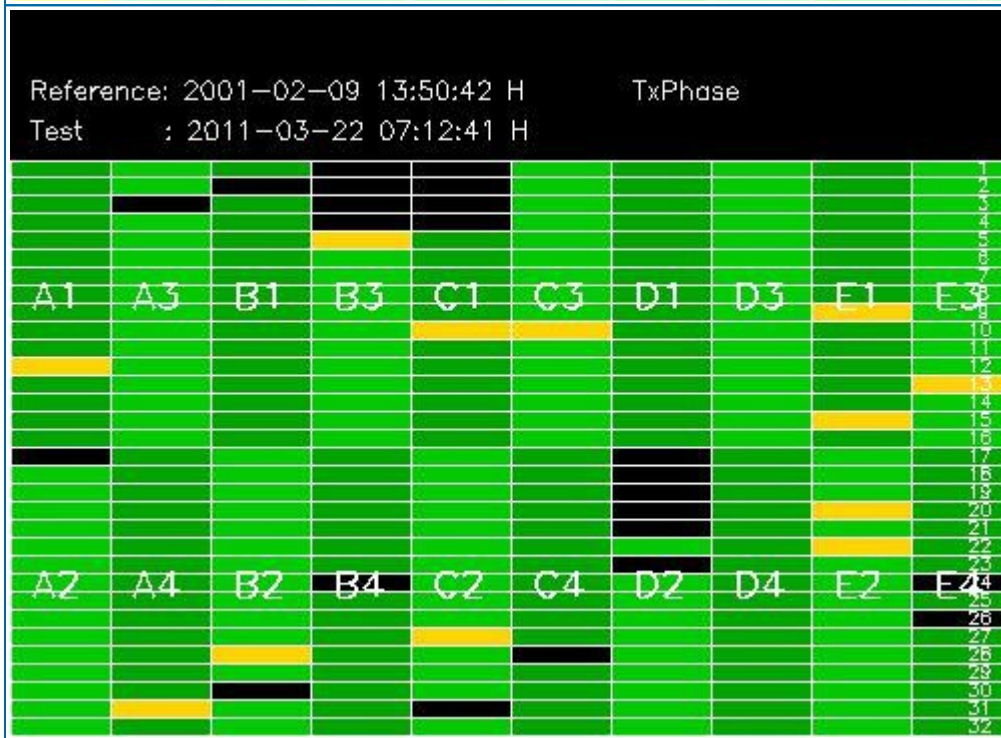
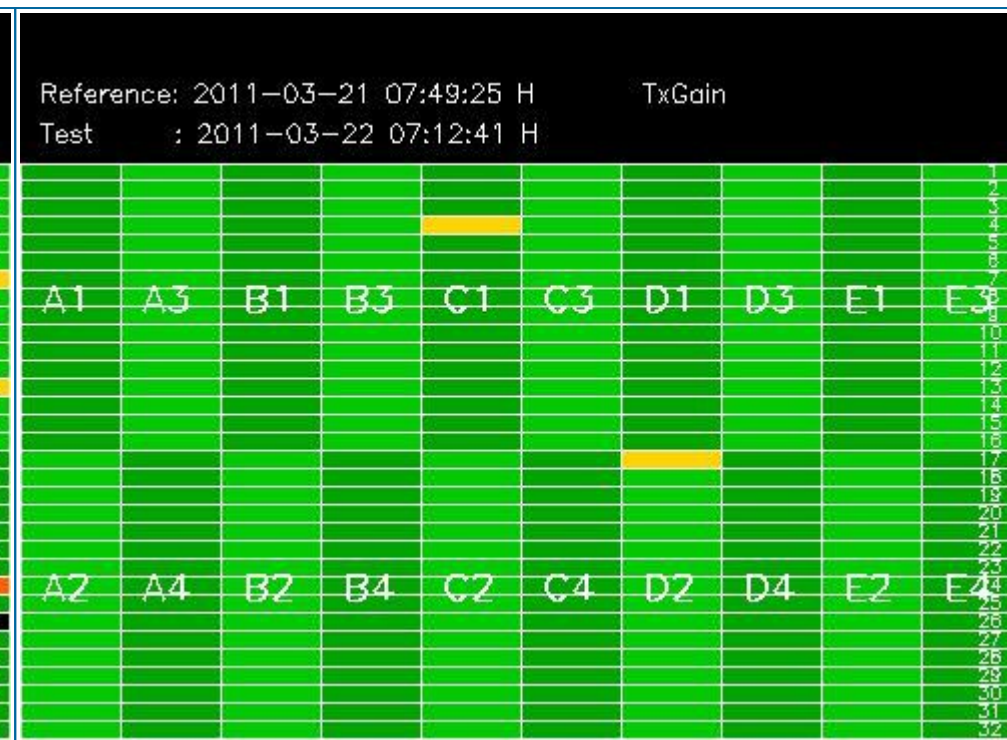
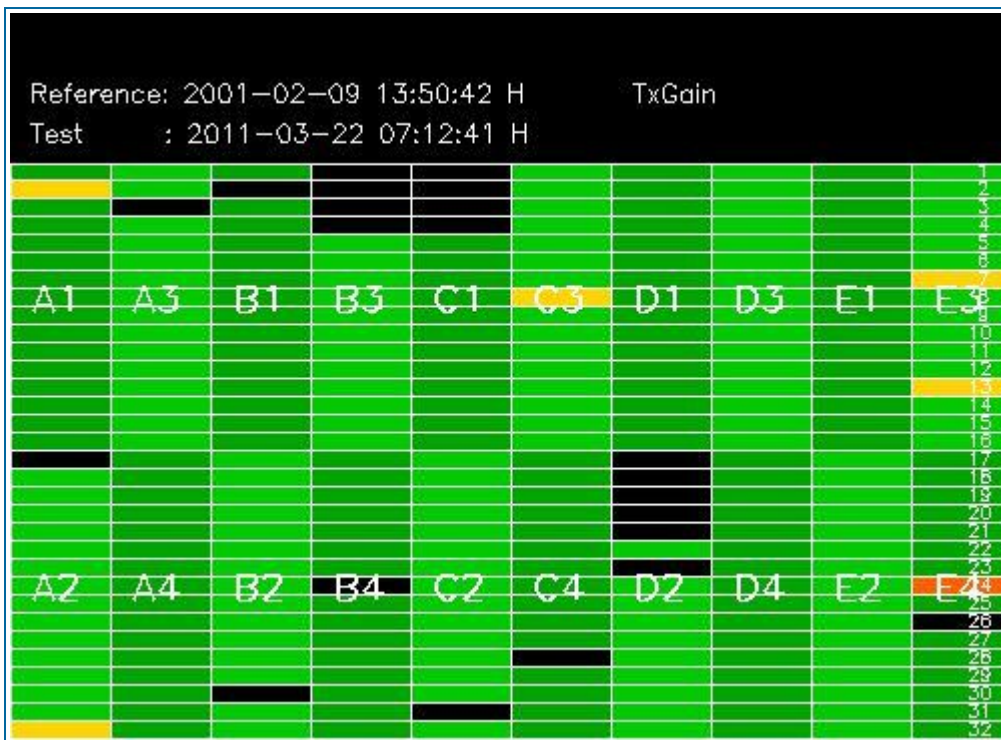
Test : 2011-03-22 07:12:41 H



Reference: 2011-03-21 07:49:25 H RxPhase

Test : 2011-03-22 07:12:41 H





## 4 - CALIBRATION PULSES ANALYSIS

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

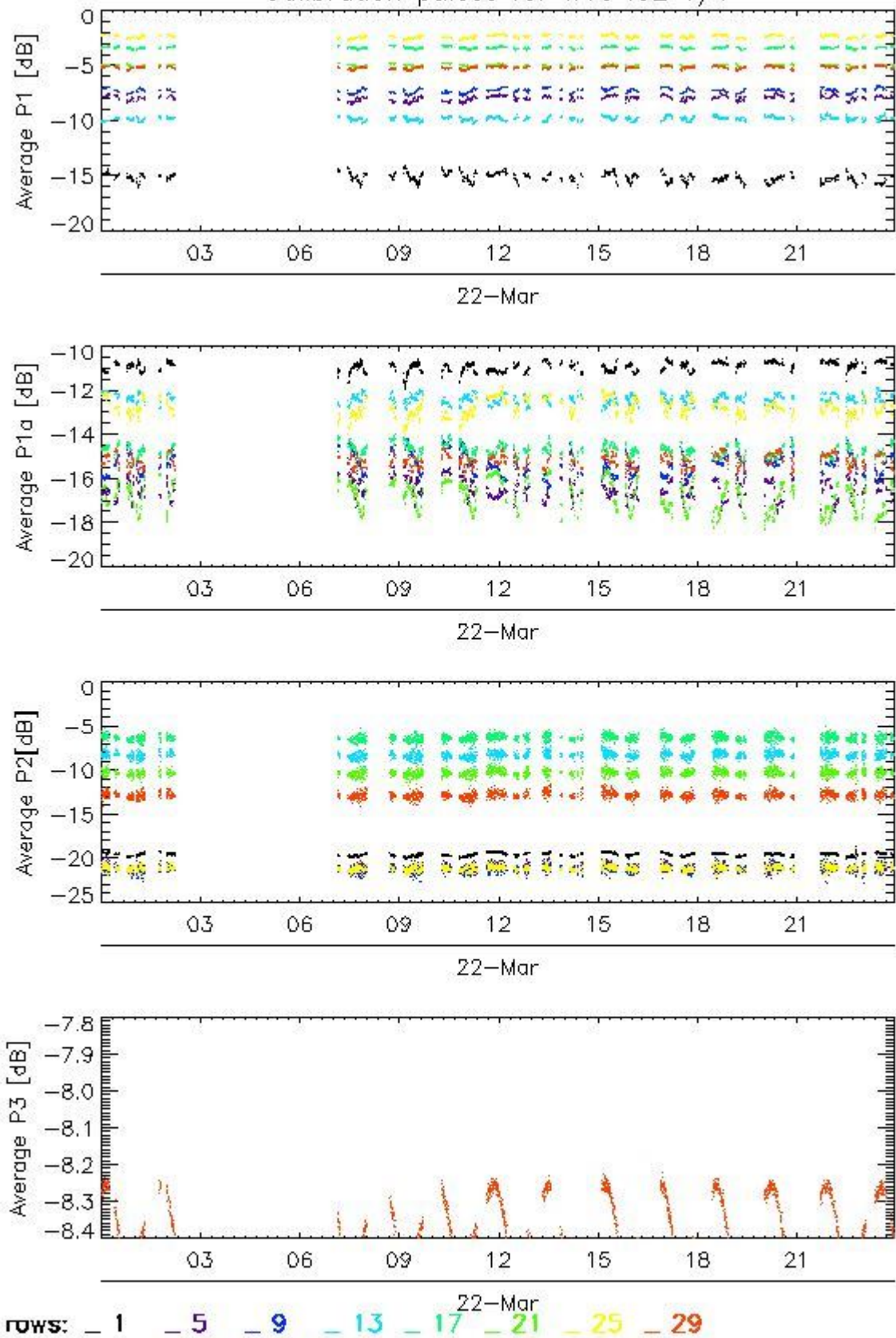
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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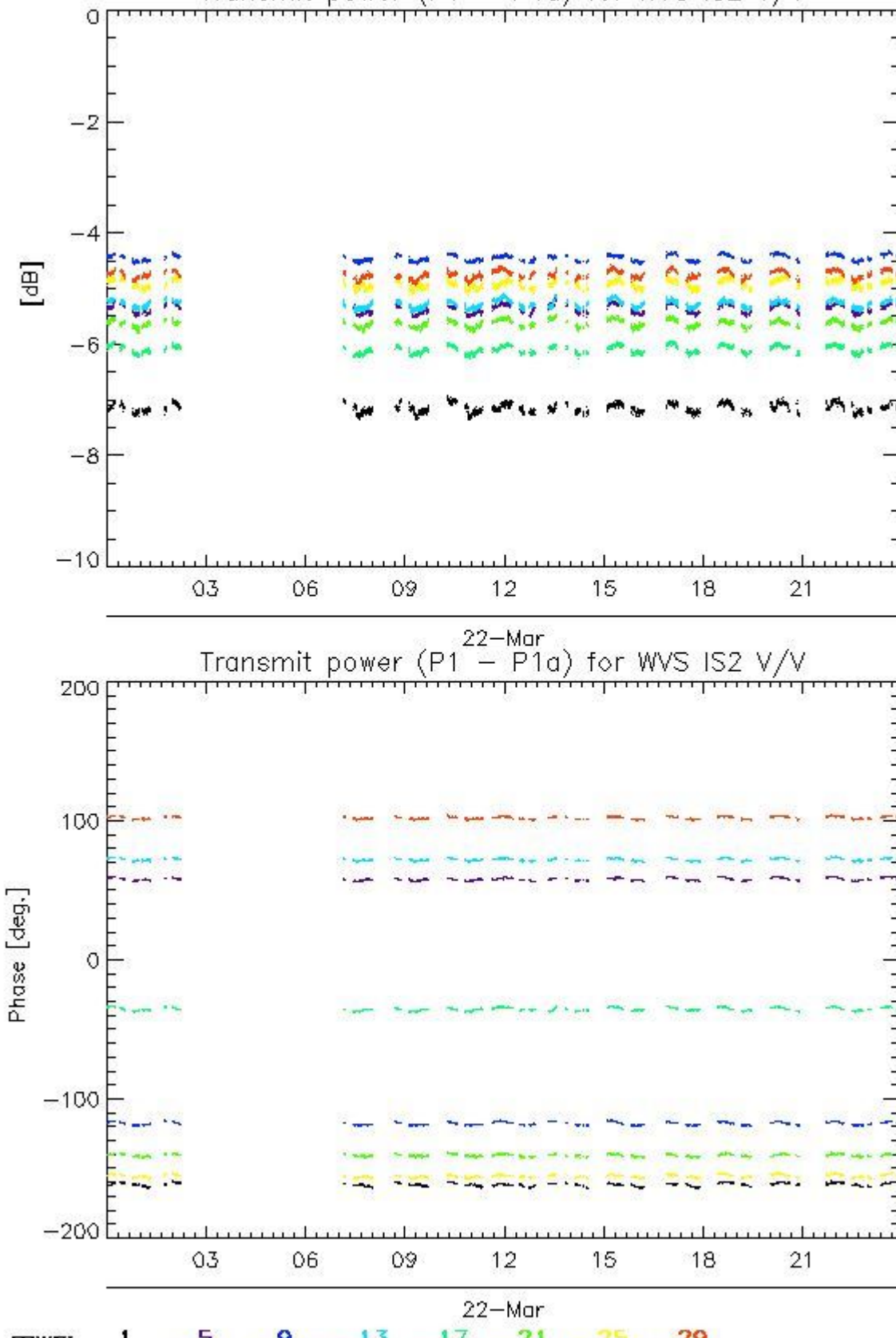
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



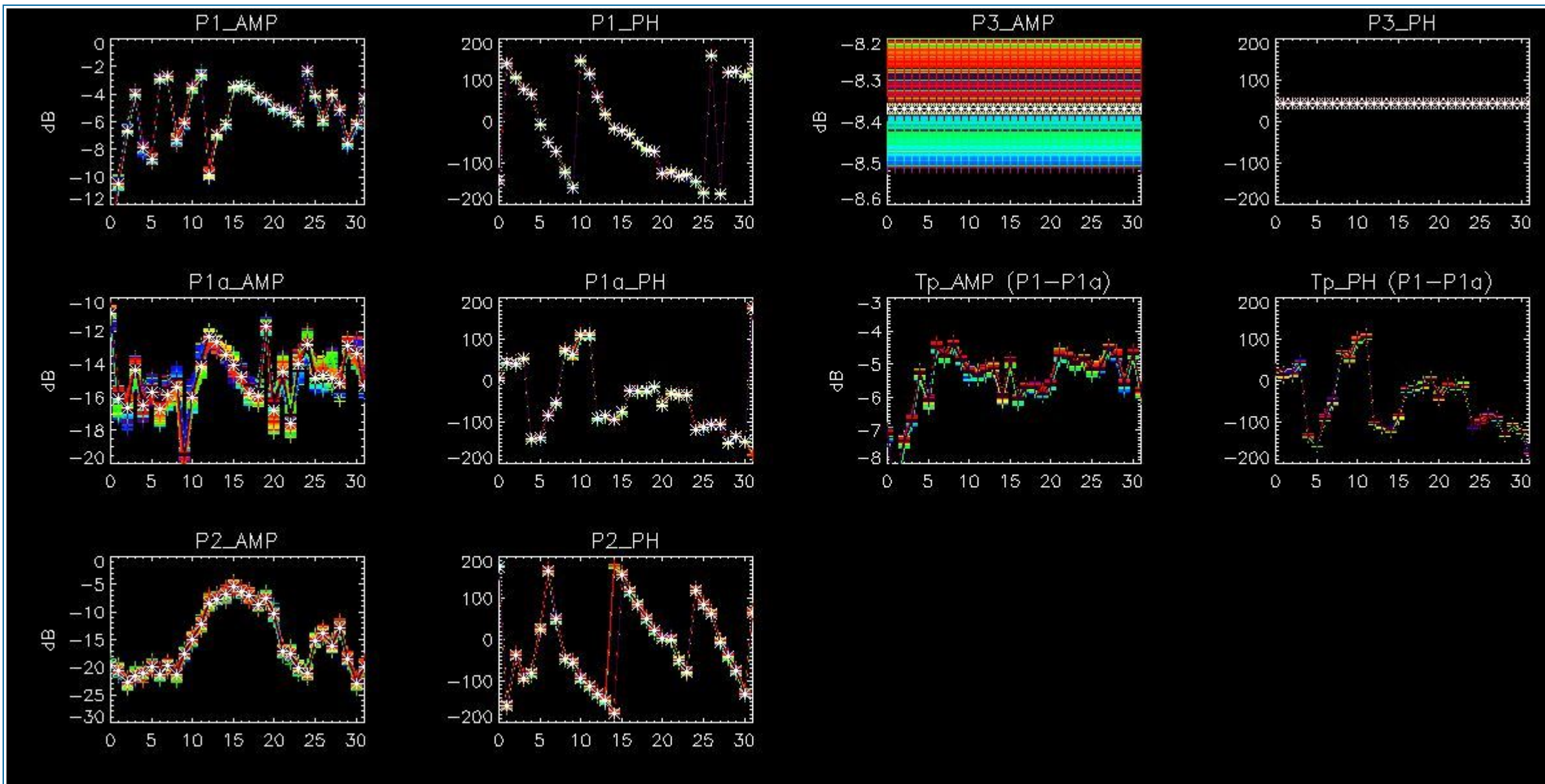
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

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

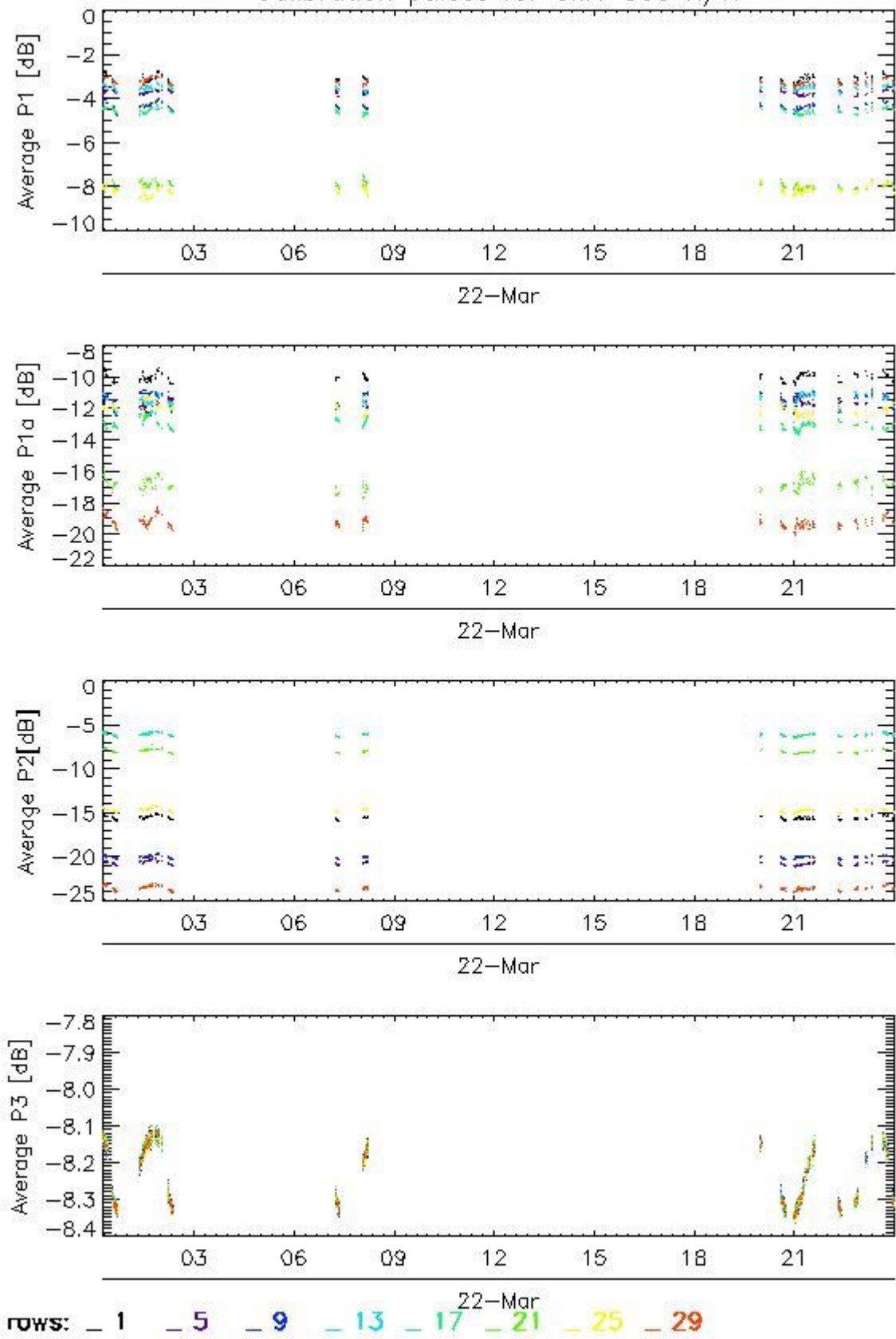
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

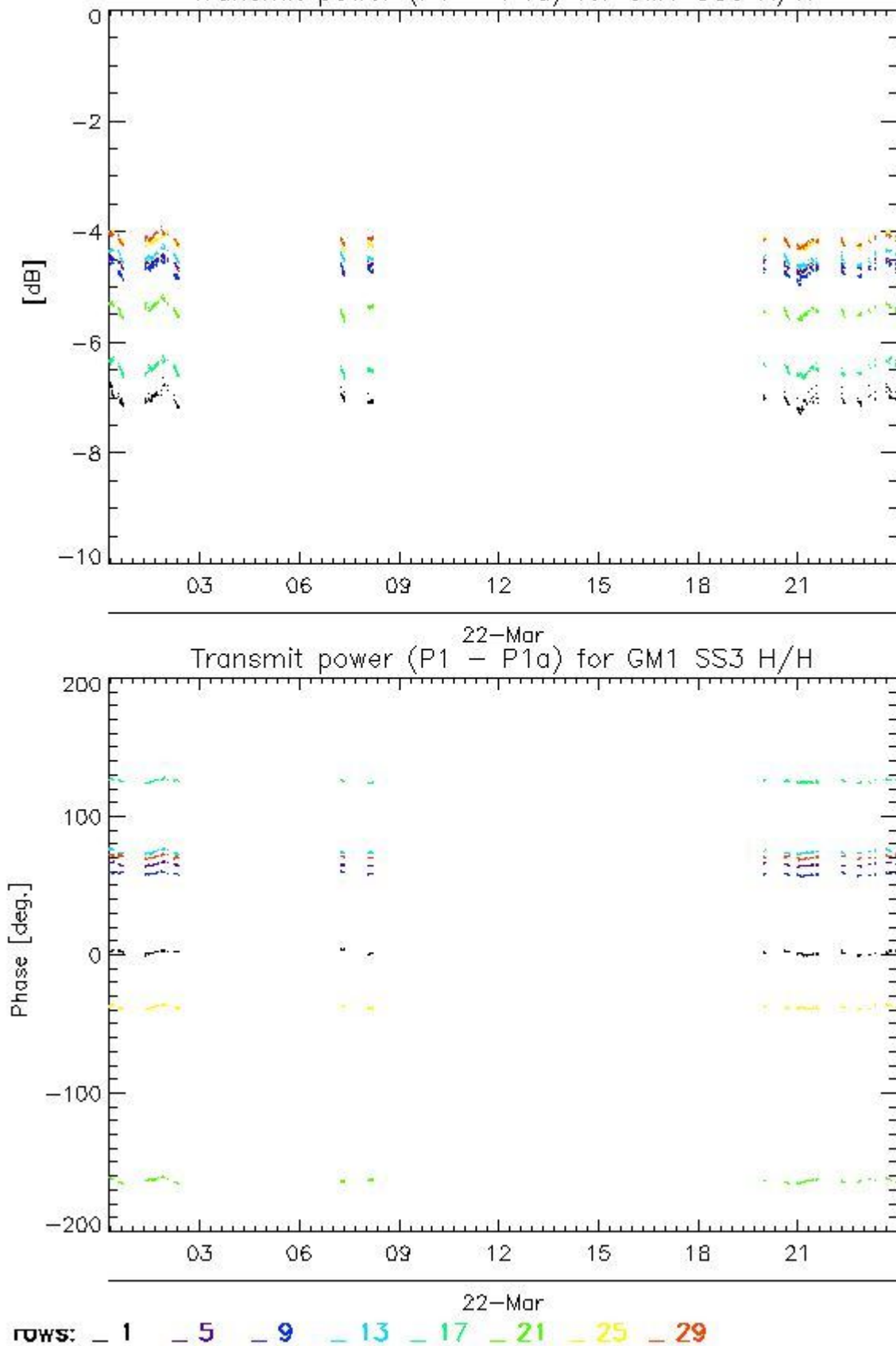
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



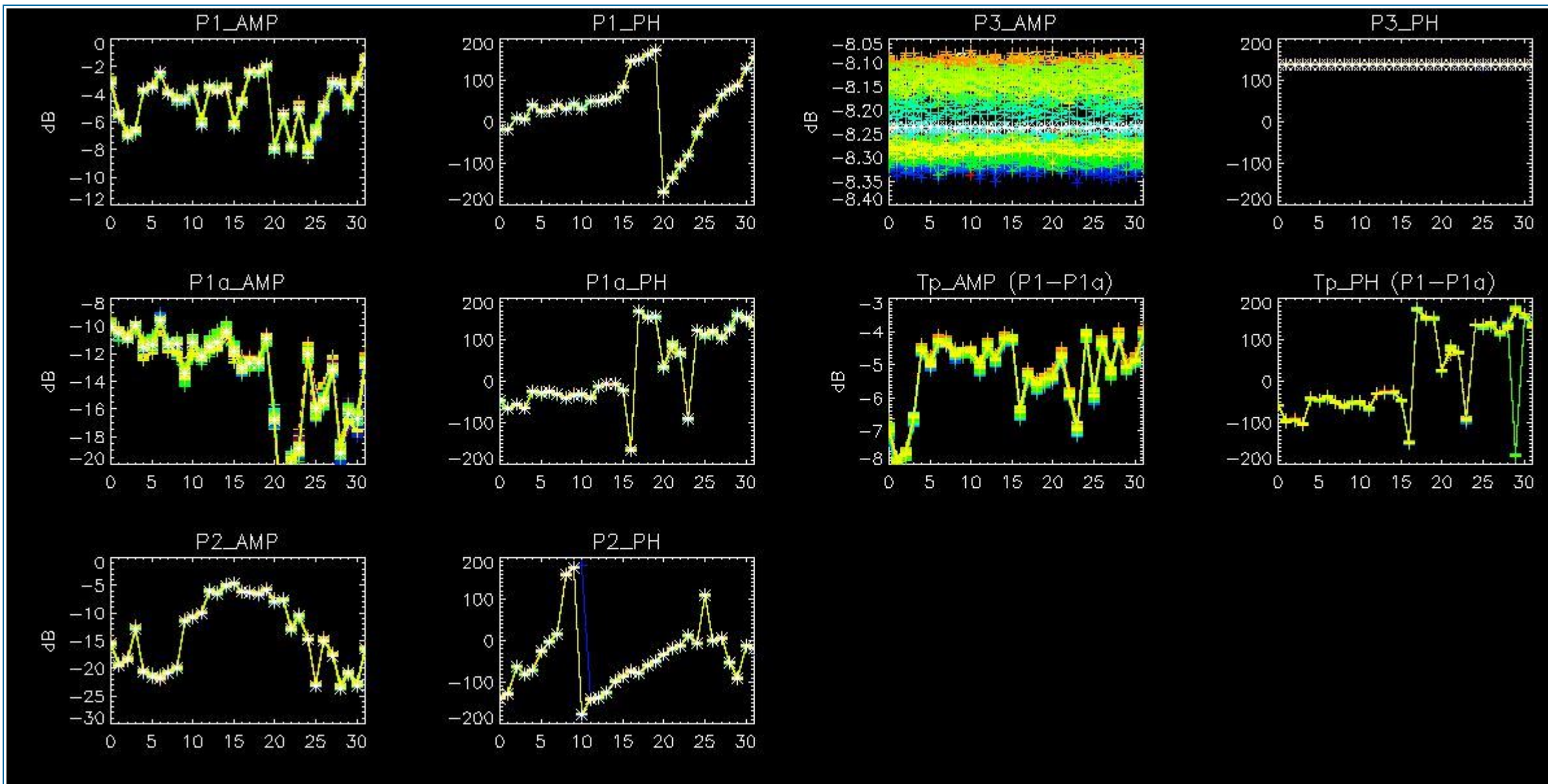
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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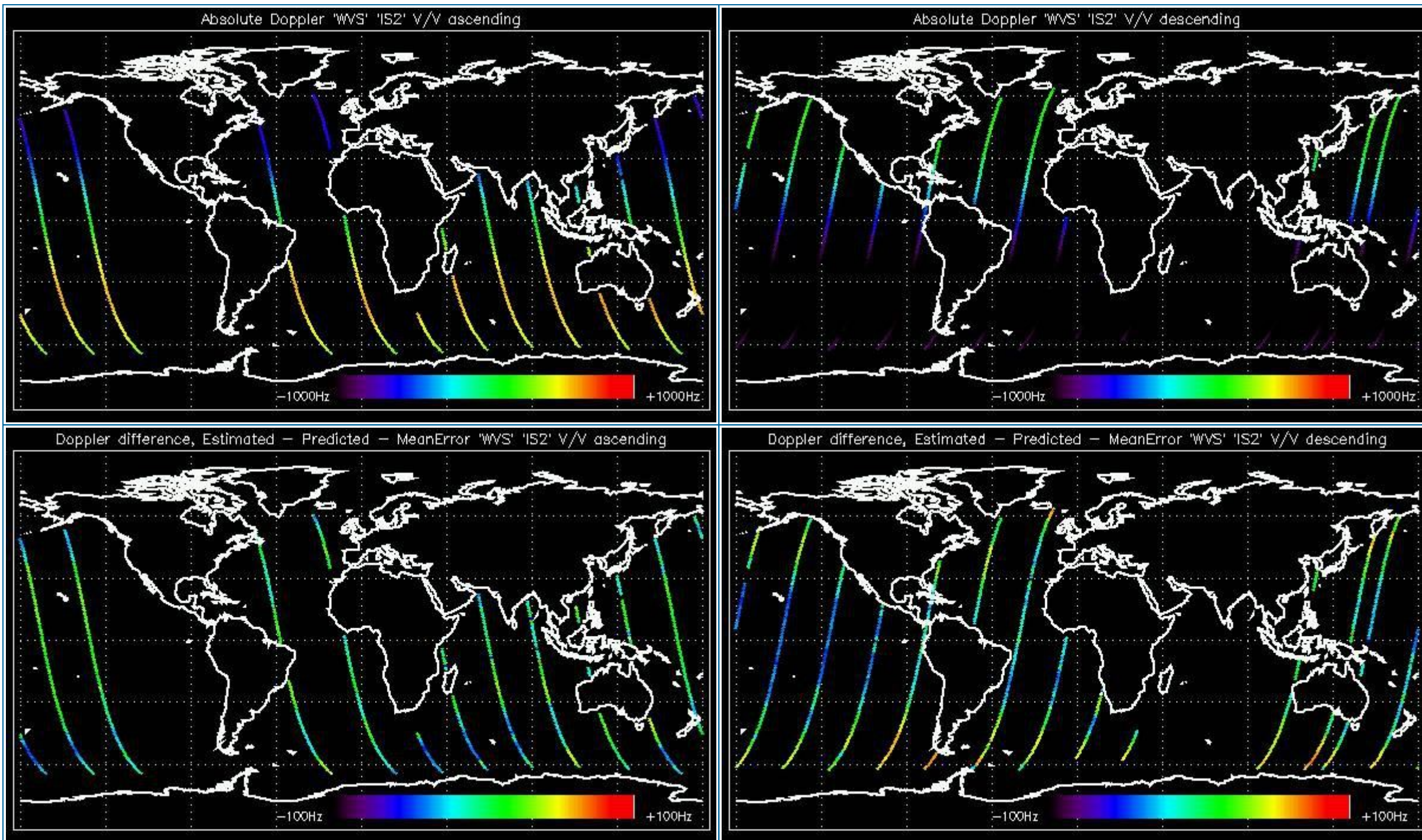
## 5 - DOPPLER ANALYSIS

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

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

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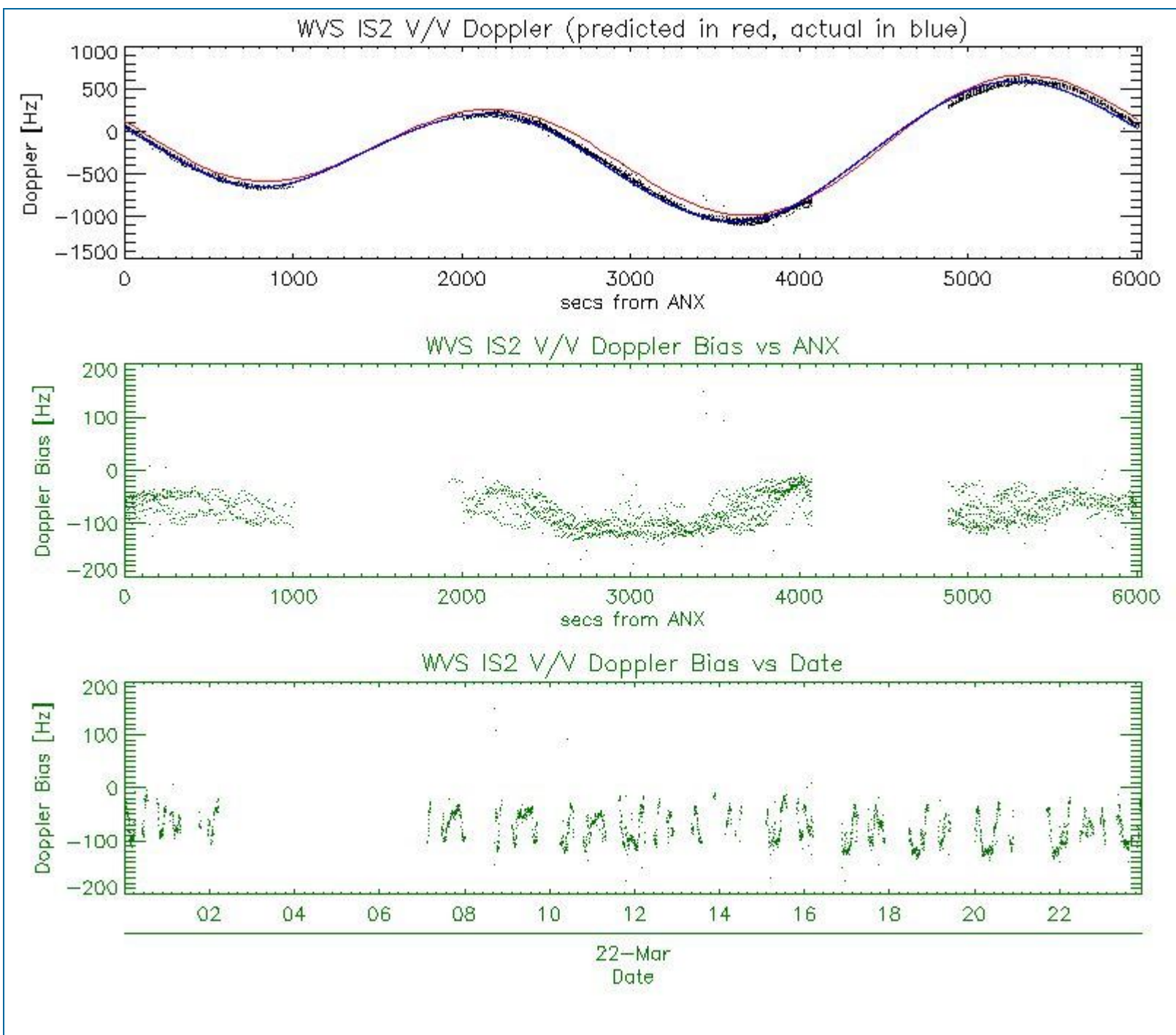




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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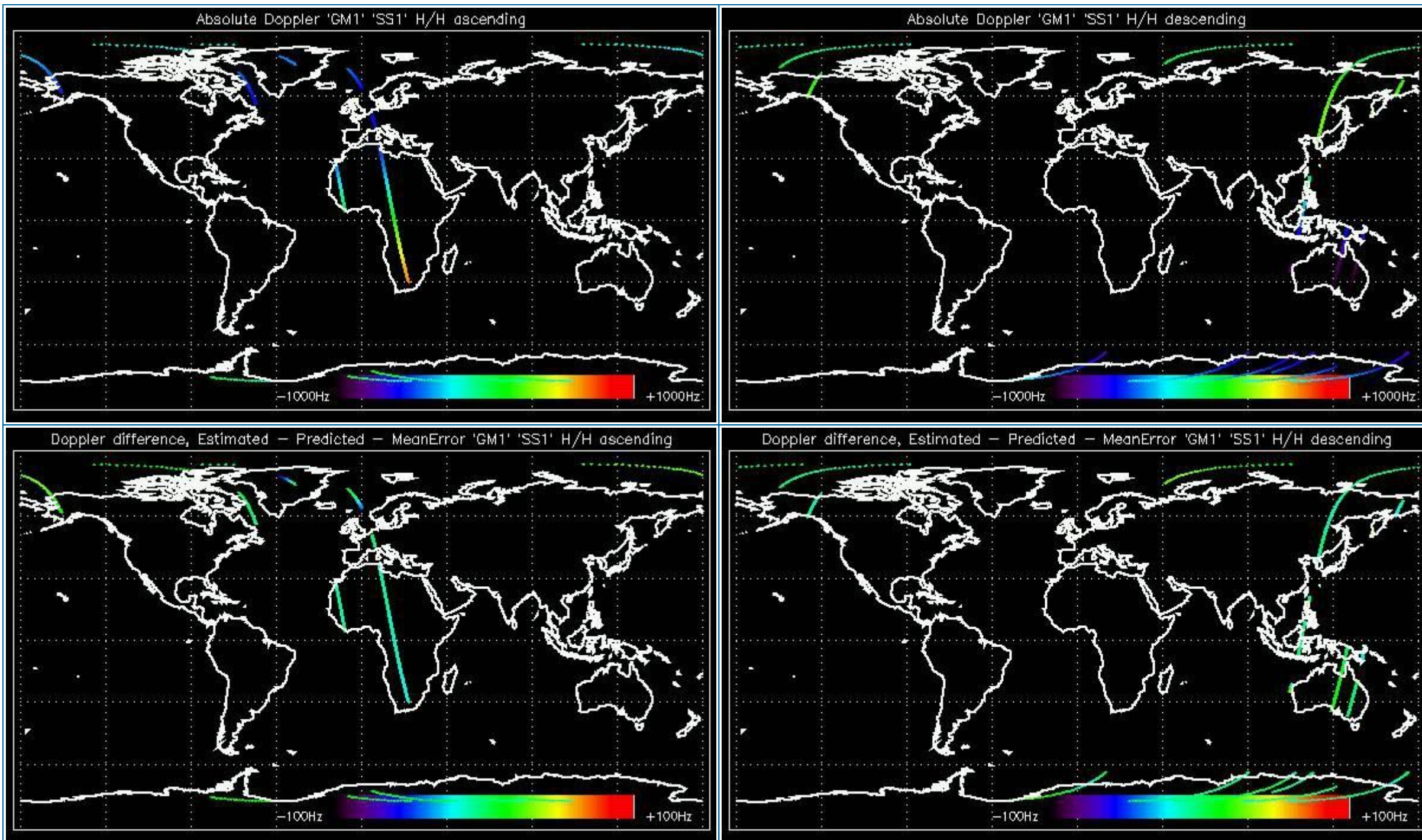


## 5.2 - Analysis for GM1 SS1 H/H

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

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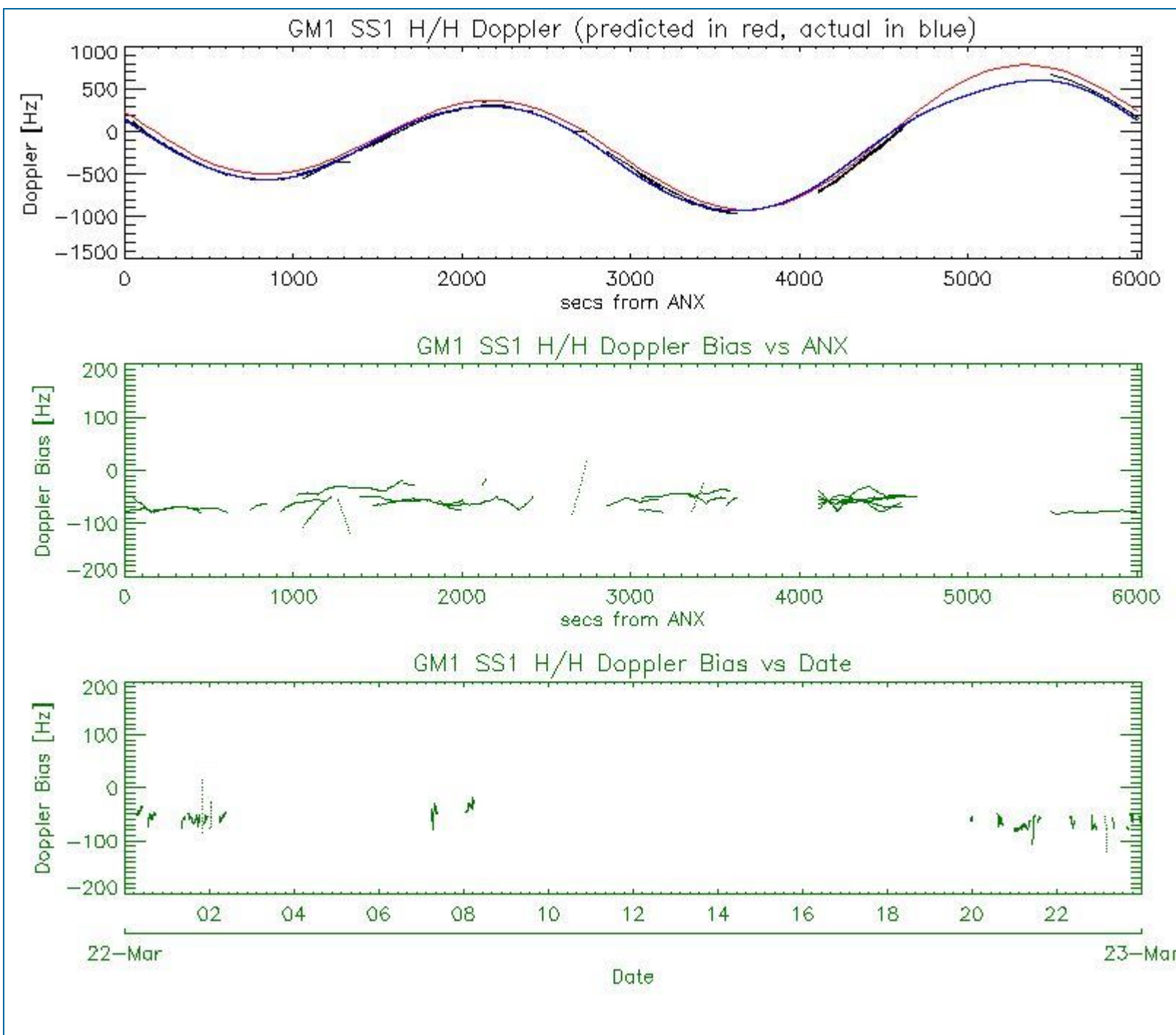




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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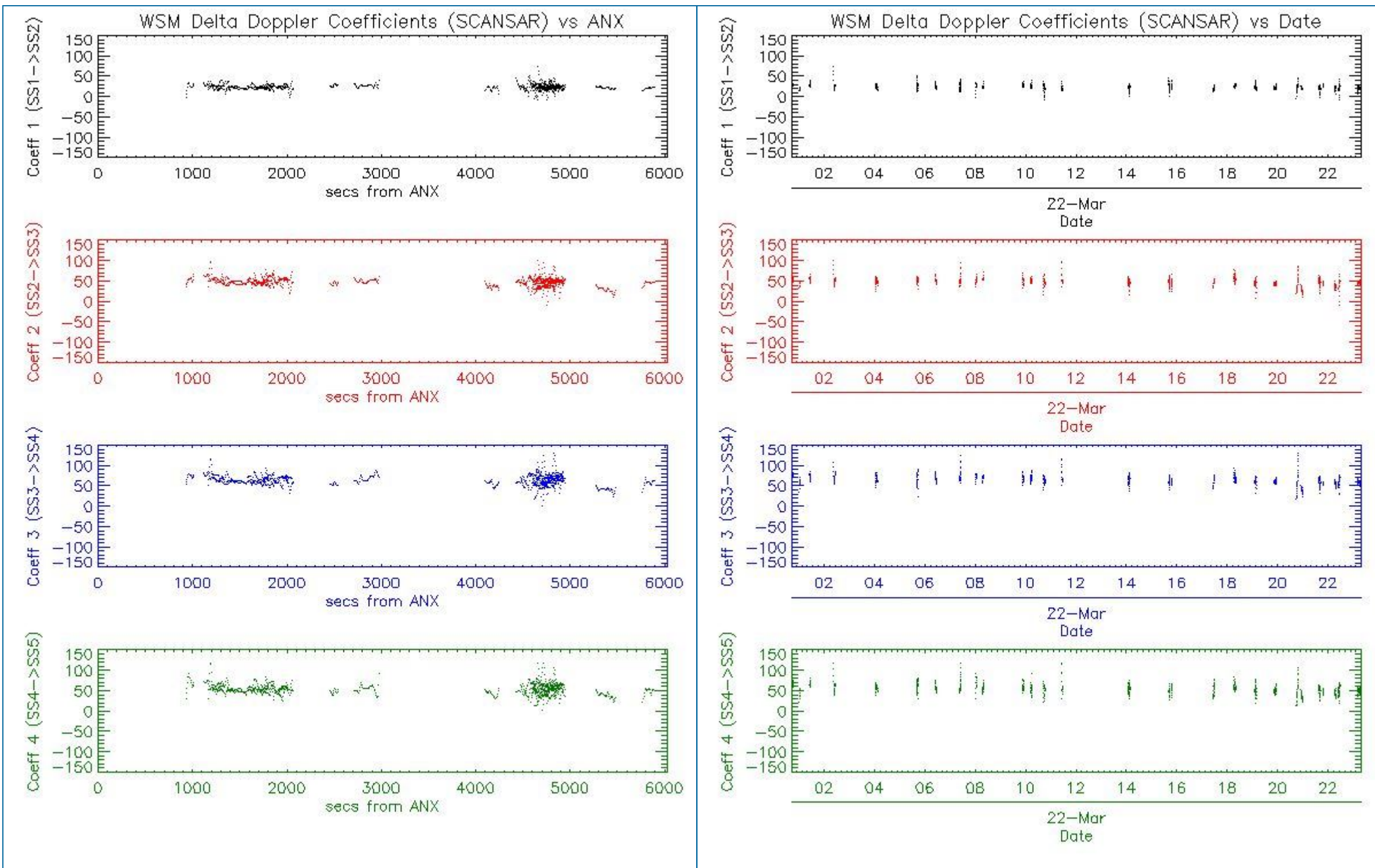




### 5.3 - Doppler JUMPS Analysis for WSM

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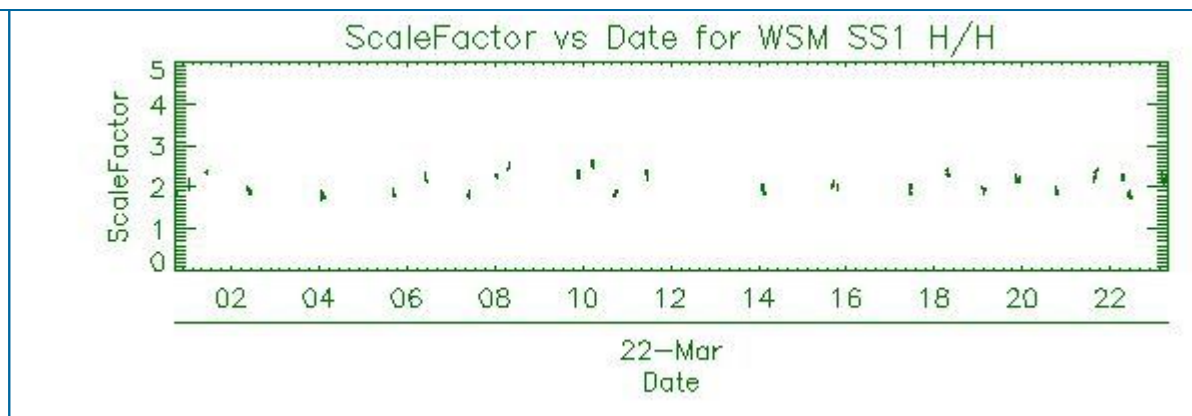
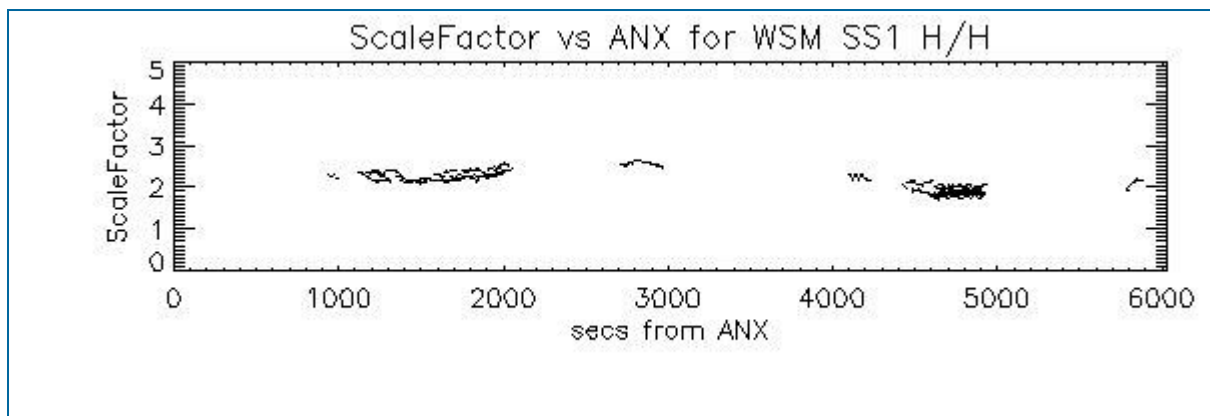
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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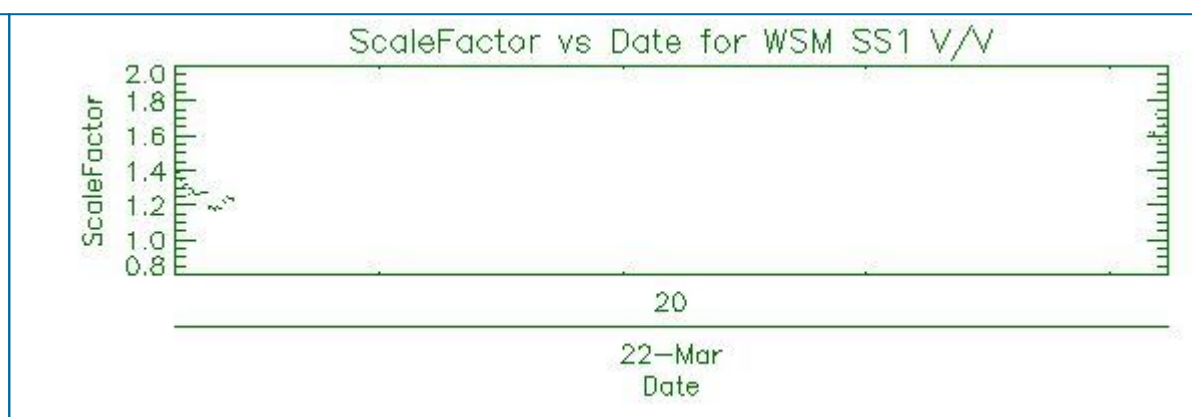
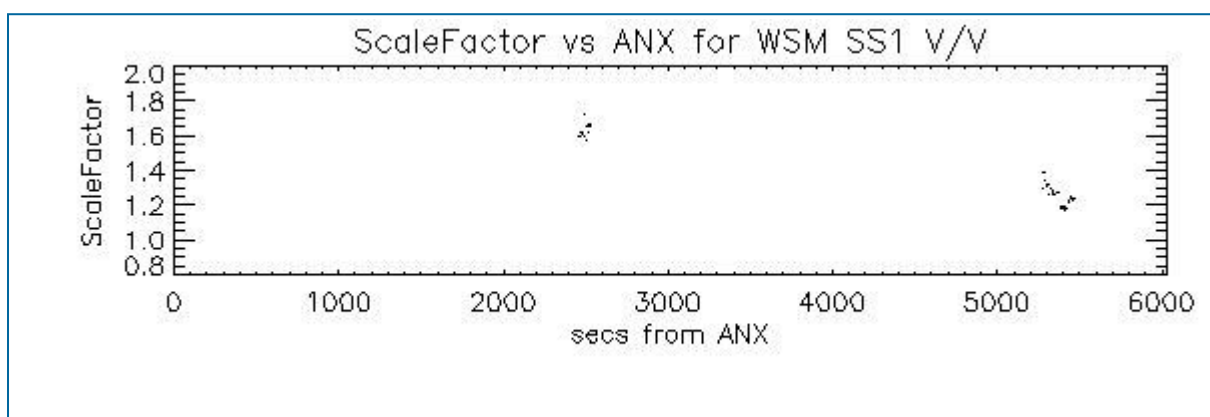




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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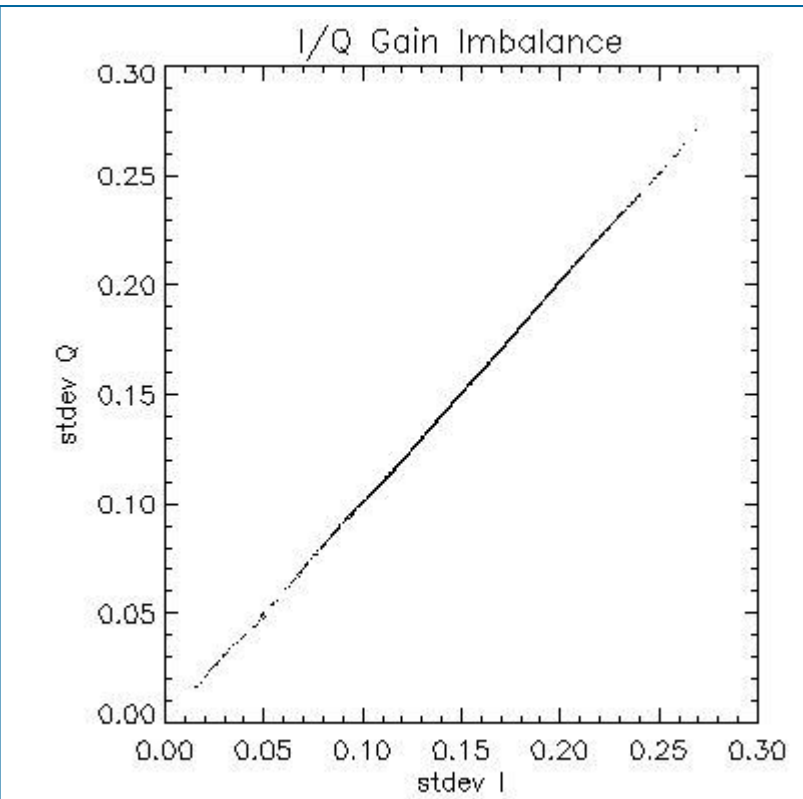
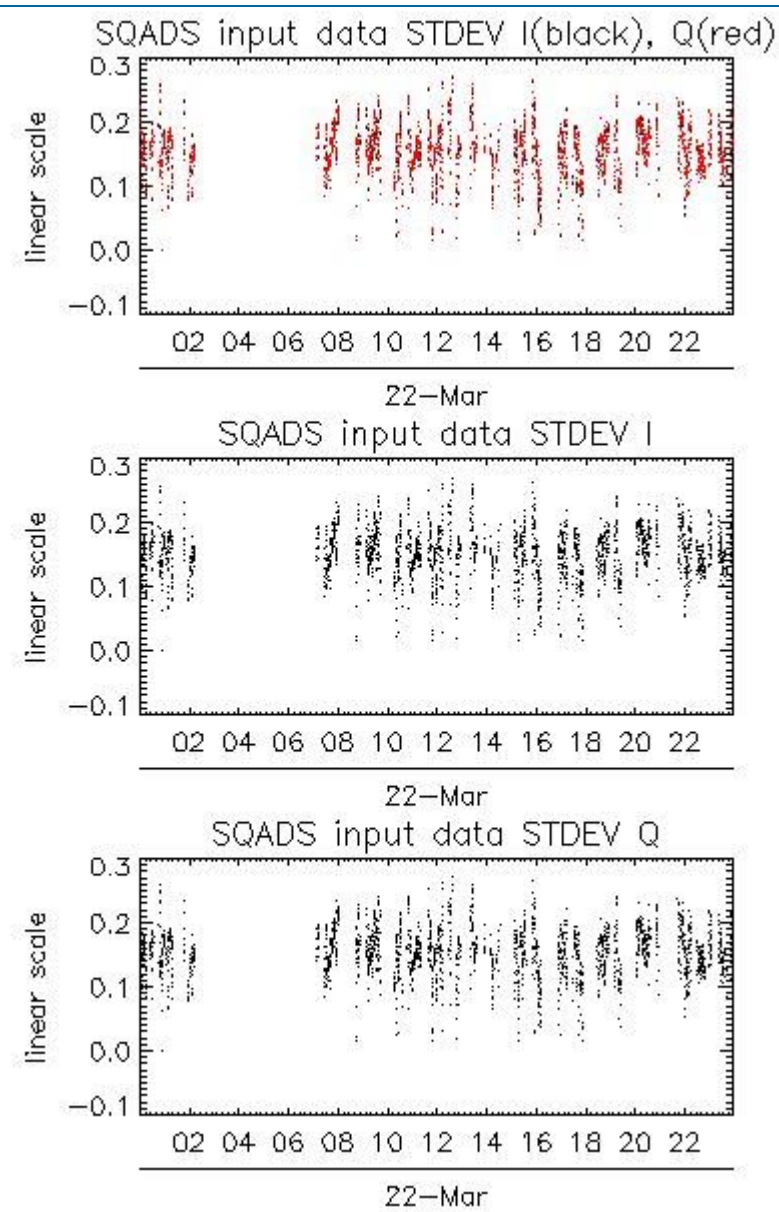
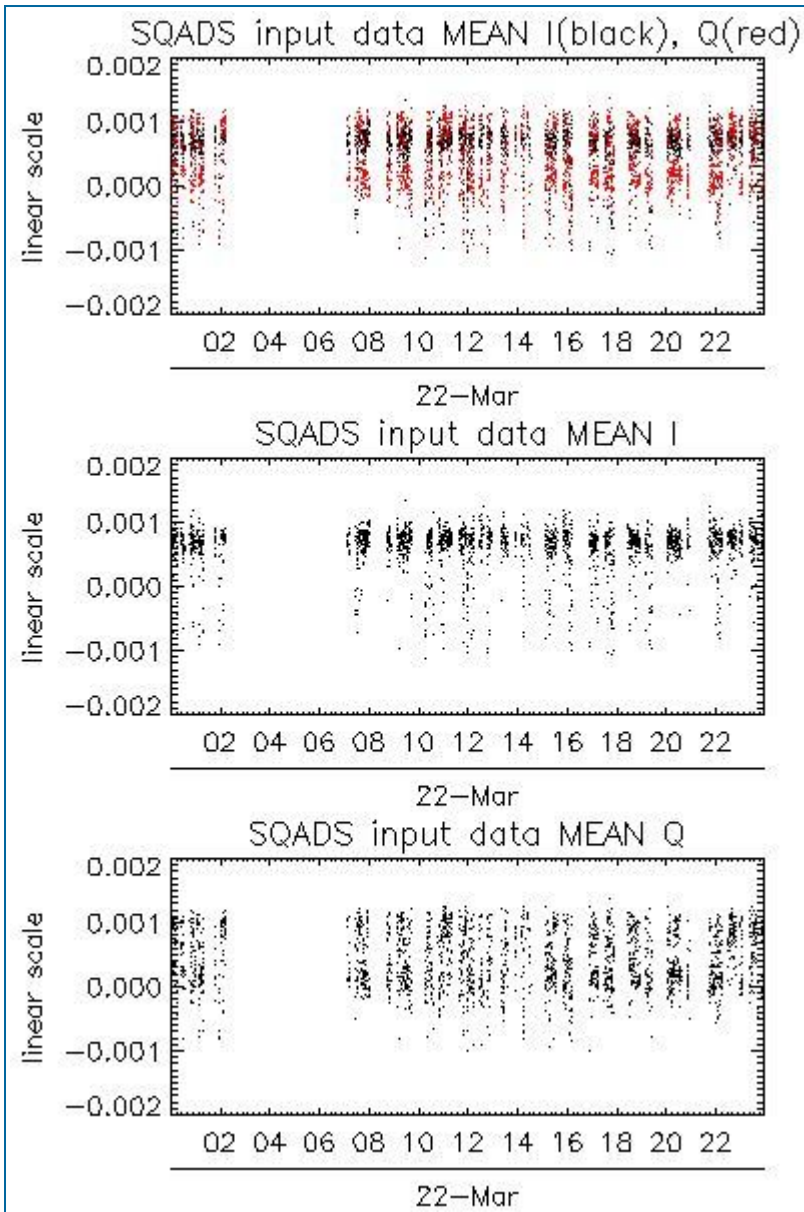
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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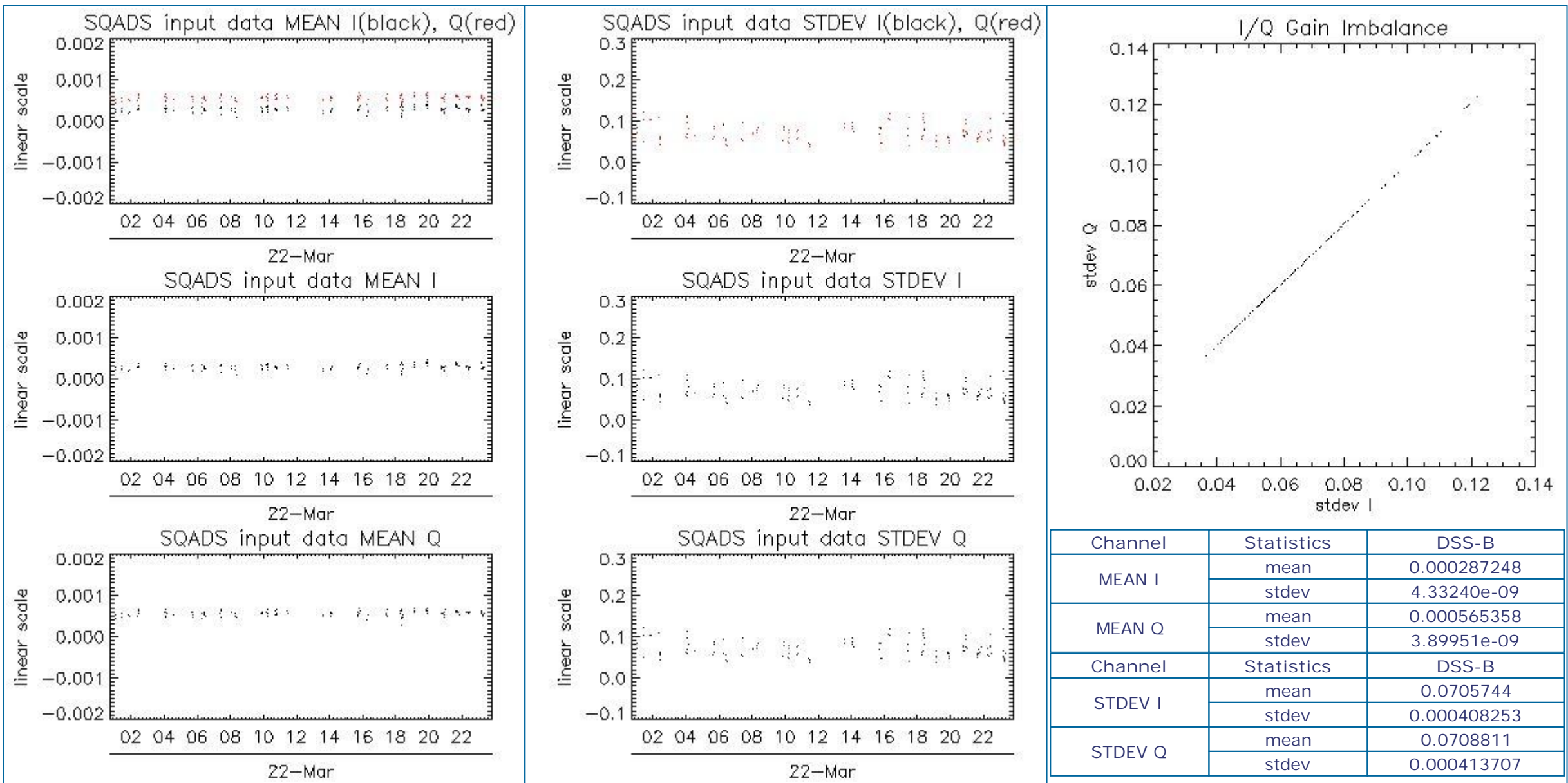


Channel	Statistics	DSS-B
MEAN I	mean	0.000605797
	stdev	1.33994e-07
MEAN Q	mean	0.000427421
	stdev	2.01729e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.154078
	stdev	0.00143000
STDEV Q	mean	0.154753
	stdev	0.00145743

## 7.2 - Analysis for IMM

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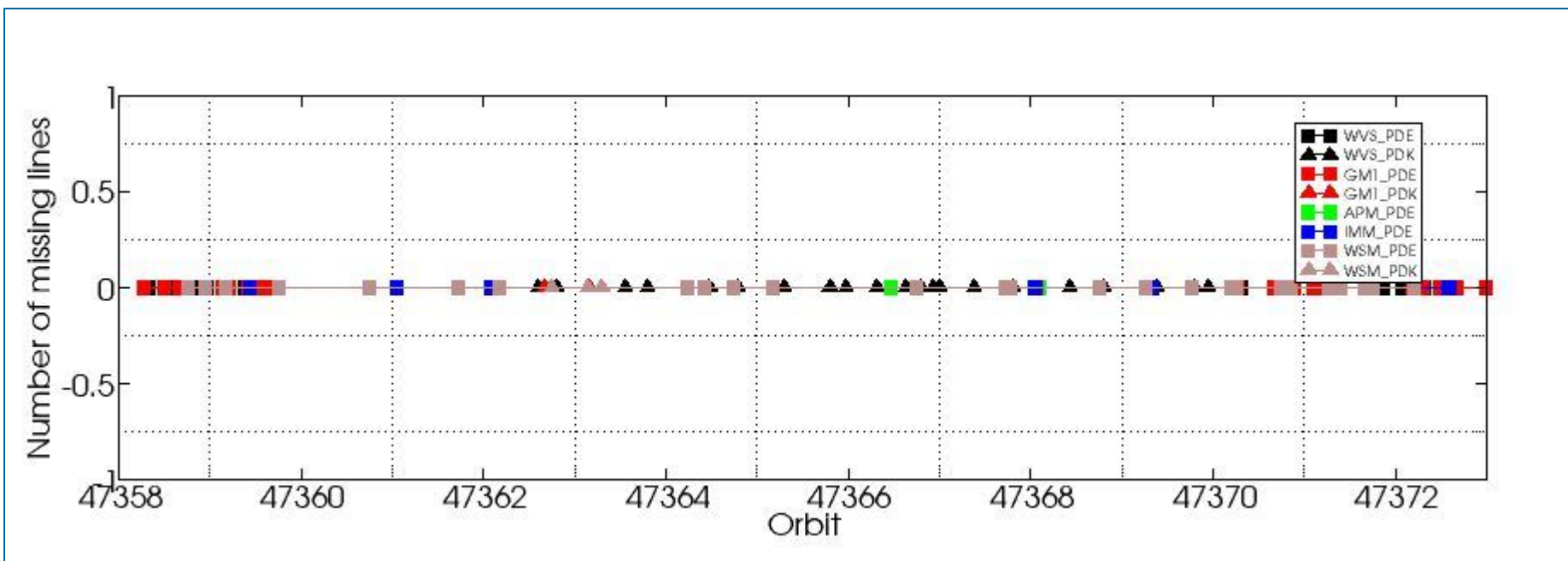


## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

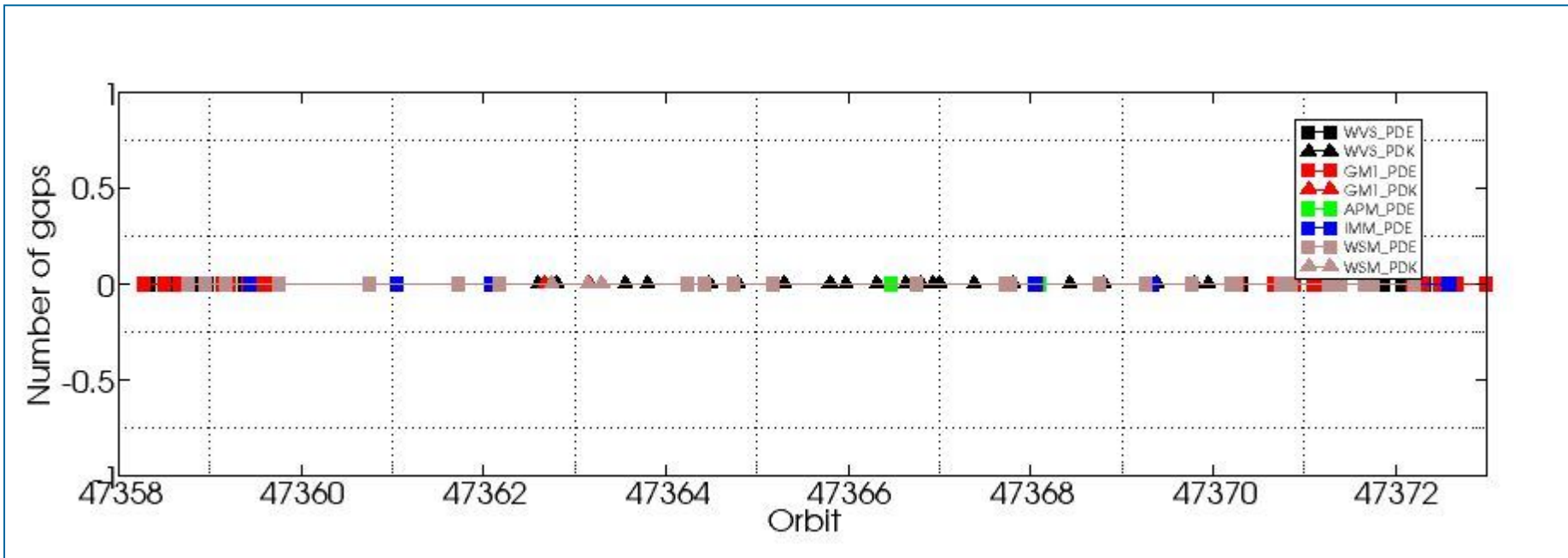
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110322  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-03-22 00:00:00

Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110322/

DATA SUMMARY  
#####  
Summary will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110322/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110322/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110322/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110322/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110322/AUXILIARY...

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



ADF filter 20110322\*current\_3\_IECF\_ADFs.txt  
 Found list 20110322\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20101222\_141422\_20100317\_120410\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20101111\_113830\_20100601\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110322_000029_000008693100_00361_47358_7119.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_002437_000004803100_00361_47358_7121.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_004608_000005243100_00361_47358_7122.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_005408_000002993100_00361_47358_7137.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_010402_000009443100_00361_47358_7141.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_014520_000001643100_00362_47359_7144.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_015747_000001493100_00362_47359_7147.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_020217_000006303100_00362_47359_7148.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_200101_000020543100_00373_47370_7225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_200101_000020543100_00373_47370_7226.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_204909_000001503100_00373_47370_7227.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_205054_000002253100_00373_47370_7246.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_214222_000003293100_00374_47371_7245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_215009_000015143100_00374_47371_7252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_222910_000004803100_00374_47371_7248.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_223626_000007043100_00374_47371_7261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_225733_000004353100_00375_47372_7263.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_232123_000010043100_00375_47372_7265.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_234116_000000893100_00375_47372_7269.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110322_234920_000003903100_00375_47372_7271.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_070807_000002403100_00365_47362_0210.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_072704_000020093100_00365_47362_0212.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_084238_000005703100_00366_47363_0251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_090718_000021143100_00366_47363_0254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_101549_000010943100_00367_47364_0289.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_104732_000019343100_00367_47364_0298.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_113827_000021443100_00368_47365_0330.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_122746_000004653100_00368_47365_0331.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_124535_000005623100_00368_47365_0337.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_132003_000008543100_00369_47366_0364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_135210_000001353100_00369_47366_0366.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_140843_000004653100_00369_47366_0369.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_142144_000000593100_00369_47366_0368.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_142901_000001193100_00370_47367_0374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_150606_000017093100_00370_47367_0386.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_154916_000013643100_00370_47367_0390.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_165216_000013643100_00371_47368_0422.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_172927_000014243100_00371_47368_0428.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_182702_000016793100_00372_47369_0468.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_190918_000006153100_00372_47369_0470.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110322_192318_000001643100_00372_47369_0474.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_GM1.xls...  
 Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20110322_001545_000005313100_00361_47358_7120.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7123.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7124.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_012024_000002713100_00362_47359_7138.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_012806_000010333100_00362_47359_7140.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_014909_00000903100_00362_47359_7139.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_015232_000003143100_00362_47359_7143.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_020059_000000723100_00362_47359_7145.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_021329_000005193100_00362_47359_7149.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_195740_000001993100_00373_47370_7224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_203603_000005013100_00373_47370_7228.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_205858_000011363100_00373_47370_7243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_212011_000000963100_00374_47371_7242.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_212524_000001693100_00374_47371_7244.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_213216_000002833100_00374_47371_7253.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_221841_000003503100_00374_47371_7249.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_224846_000004043100_00375_47372_7262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_230858_000000783100_00375_47372_7264.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_231904_000001323100_00375_47372_7266.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_233847_000001443100_00375_47372_7268.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_234336_000002233100_00375_47372_7267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_234726_000000663100_00375_47372_7270.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110322_235635_000004653100_00375_47372_7273.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110322_071411_000005073100_00365_47362_0211.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110322_080256_000006953100_00366_47363_0213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20110322_133557_000000443100_00369_47366_7214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110322_161826_000000433100_00371_47368_7218.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110322_182126_000000433100_00372_47369_7223.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20110322_015044_000000973100_00362_47359_7146.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110322_043238_000000523100_00364_47361_7168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110322_061523_000001123100_00365_47362_7170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110322_161414_000000383100_00371_47368_7217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110322_182238_000001433100_00372_47369_7222.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110322_234851_000000223100_00375_47372_7281.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110322/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20110322_004307_000001533100_00361_47358_7113.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_010049_000001353100_00361_47358_7134.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_012500_000001843100_00362_47359_7142.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_022233_000002753100_00362_47359_7156.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_040148_000003303100_00363_47360_7167.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_WSM_1PNPDE20110322_054001_000002143100_00364_47361_7169.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_062412_000002263100_00365_47362_7171.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_095229_000002143100_00367_47364_7174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_101119_000002693100_00367_47364_7176.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_104231_000002753100_00367_47364_7192.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_112543_000001713100_00368_47365_7191.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_140343_000003003100_00369_47366_7215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_154037_000001903100_00370_47367_7216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_154645_000001533100_00370_47367_7213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_172518_000002513100_00371_47368_7219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_181603_000002883100_00372_47369_7221.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_190537_000002203100_00372_47369_7220.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_195009_000002143100_00373_47370_7238.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_195441_000001773100_00373_47370_7239.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_204429_000002813100_00373_47370_7235.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_204429_000002813100_00373_47370_7236.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_205522_000002143100_00373_47370_7237.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_213706_000003123100_00374_47371_7247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_214839_000000923100_00374_47371_7251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_221603_000001533100_00374_47371_7250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_222432_000002513100_00374_47371_7241.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110322_231025_000005203100_00375_47372_7275.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110322_072244_000002143100_00365_47362_0231.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110322_080120_000000923100_00366_47363_0232.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110322_081734_000001533100_00366_47363_0233.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110322/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110322/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_110322/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110322/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/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_0PNPDK20110322\_071241\_000000163100\_00365\_47362\_0506.N1

H

H

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110322\_071241-20010209\_135042.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110322\_071241-20010209\_135042.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110322\_071241-20010209\_135042.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110322\_071241-20010209\_135042.png

Polarization: V

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

Test product: ASA\_MS\_0PNPDK20110322\_085255\_000000163100\_00366\_47363\_0507.N1

V

V

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110322\_085255-20010209\_140823.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110322\_085255-20010209\_140823.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110322\_085255-20010209\_140823.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110322\_085255-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_\_0PNPDK20110321\_074925\_000000163100\_00351\_47348\_0504.N1

Test product: ASA\_MS\_\_0PNPDK20110322\_071241\_000000163100\_00365\_47362\_0506.N1

H

H

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110322\_071241-20110321\_074925.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110322\_071241-20110321\_074925.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110322\_071241-20110321\_074925.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110322\_071241-20110321\_074925.png

Polarization: V

Reference product: ASA\_MS\_\_0PNPDK20110321\_092939\_000000163100\_00352\_47349\_0505.N1

Test product: ASA\_MS\_\_0PNPDK20110322\_085255\_000000163100\_00366\_47363\_0507.N1

V

V

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110322\_085255-20110321\_092939.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110322\_085255-20110321\_092939.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110322\_085255-20110321\_092939.png

../../RESULTS/DAILY/\_110322/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110322\_085255-20110321\_092939.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-03-22\_1.dat...

Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-03-22\_2.dat...

Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-03-22\_3.dat...





Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-03-22\_4.dat...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...
Writing ../../RESULTS/DAILY/\_110322//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 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-03-22\_1.dat...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-03-22\_2.dat...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-03-22\_3.dat...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-03-22 00:00:00 to 2011-03-22 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/\_110322/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-03-22\_4.dat...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...
Writing ../../RESULTS/DAILY/\_110322//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS
#####
Creating directory ./RESULTS/DAILY/\_110322/DOPPLER...

\*\*\*\*\*
\*\*\*\*\*
DOPPLER ANX Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/\_110322/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-03-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/\_110322/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/\_110322/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-03-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/\_110322/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*
\*\*\*\*\*
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...  
Writing file ./RESULTS/DAILY/\_110322/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-03-22.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110322/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_110322/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 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 = -80.443378 Hz  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -69.476589 Hz  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110322//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 = -55.388884 Hz  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -62.699932 Hz  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110322//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110322/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59

Analysing products WSM SS1 H/H

```
*****
Getting ScaleFactor data for WSM SS1 H/H from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/_110322/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-03-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110322/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_110322/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/_110322/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-03-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110322/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_110322/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110322/RAW_DATA
```

Creating directory ./RESULTS/DAILY/\_110322/RAW\_DATA...

```
*****
Getting raw data for WVS from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/_110322/RAW_DATA/Raw_data_WVS_2011-03-22.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2011-03-22 00:00:00 to 2011-03-22 23:59:59...
Writing file ./RESULTS/DAILY/_110322/RAW_DATA/Raw_data_IMM_2011-03-22.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110322/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2011-03-22 00:00:00 to 2011-03-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110322/TELEMETRY
```

Creating directory ./RESULTS/DAILY/\_110322/TELEMETRY...

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

```
*****
Checking 20 products from PDE...
Checking 21 products from PDK...
```

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

\*\*\*\*\*

Checking 24 products from PDE...

Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 3 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 6 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 27 products from PDE...

Checking 3 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110322/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110322/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110322/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_1PNPDE20110322_133557_000000443100_00369_47366_7214.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110322_161826_000000433100_00371_47368_7218.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110322_182126_000000433100_00372_47369_7223.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_1PNPDE20110322_001545_000005313100_00361_47358_7120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7124.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_012024_000002713100_00362_47359_7138.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_012806_000010333100_00362_47359_7140.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_014909_000000903100_00362_47359_7139.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_015232_000003143100_00362_47359_7143.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_020059_000000723100_00362_47359_7145.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_021329_000005193100_00362_47359_7149.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_195740_000001993100_00373_47370_7224.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_203603_000005013100_00373_47370_7228.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_205858_000011363100_00373_47370_7243.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_212011_000000963100_00374_47371_7242.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_212524_000001693100_00374_47371_7244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_213216_000002833100_00374_47371_7253.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_221841_000003503100_00374_47371_7249.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_224846_000004043100_00375_47372_7262.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_230858_000000783100_00375_47372_7264.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_231904_000001323100_00375_47372_7266.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_233847_000001443100_00375_47372_7268.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_234336_000002233100_00375_47372_7267.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_234726_000000663100_00375_47372_7270.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110322_235635_000004653100_00375_47372_7273.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110322_071411_000005073100_00365_47362_0211.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110322_080256_000006953100_00366_47363_0213.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_1PNPDE20110322_015044_000000973100_00362_47359_7146.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110322_043238_000000523100_00364_47361_7168.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110322_061523_000001123100_00365_47362_7170.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110322_161414_000000383100_00371_47368_7217.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110322_182238_000001433100_00372_47369_7222.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110322_234851_000000223100_00375_47372_7281.N1	OK	OK	OK	OK



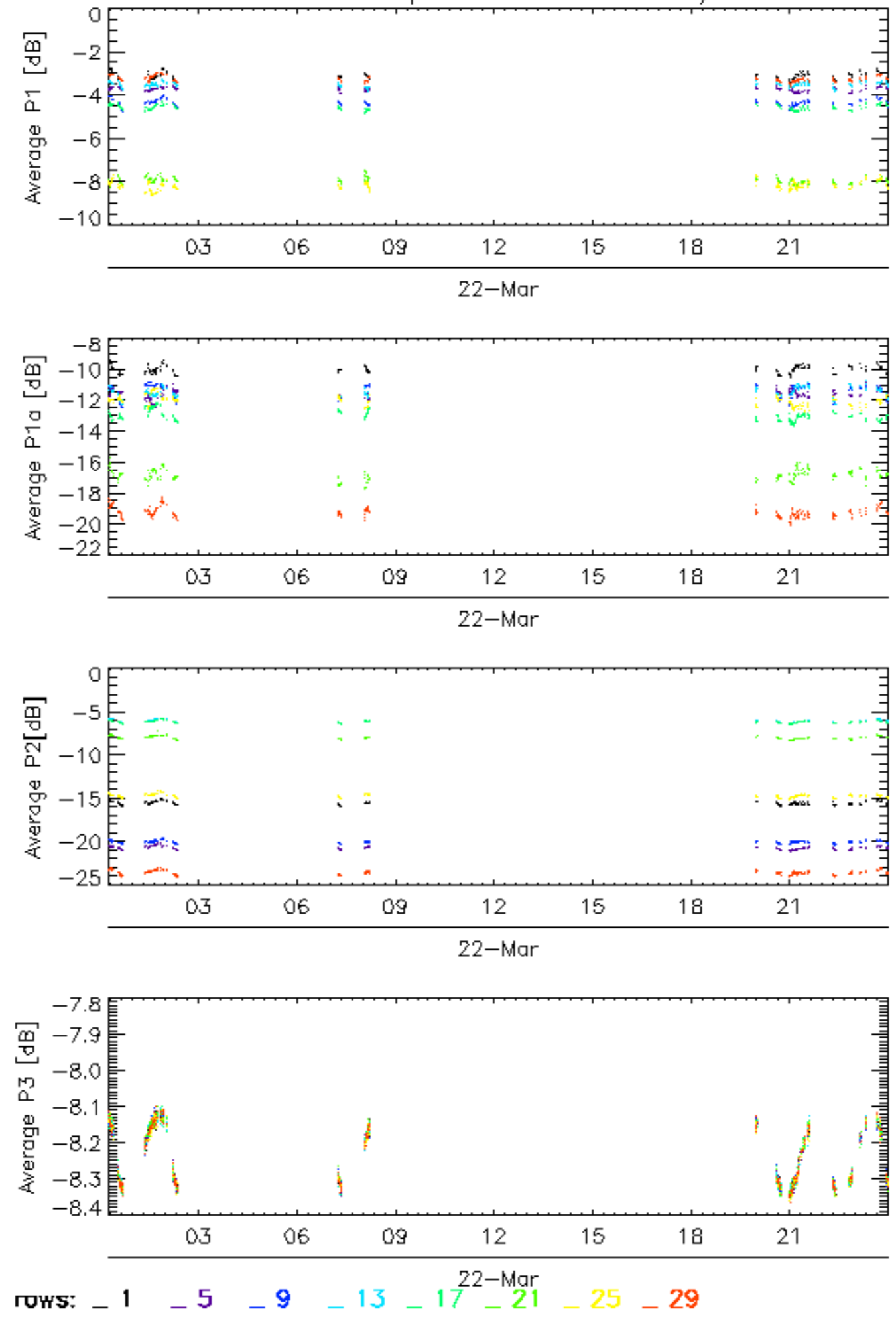
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110322_004307_000001533100_00361_47358_7113.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_010049_000001353100_00361_47358_7134.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_012500_000001843100_00362_47359_7142.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_022233_000002753100_00362_47359_7156.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_040148_000003303100_00363_47360_7167.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_054001_000002143100_00364_47361_7169.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_062412_000002263100_00365_47362_7171.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_095229_000002143100_00367_47364_7174.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_101119_000002693100_00367_47364_7176.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_104231_000002753100_00367_47364_7192.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_112543_000001713100_00368_47365_7191.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_140343_000003003100_00369_47366_7215.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_154037_000001903100_00370_47367_7216.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_154645_000001533100_00370_47367_7213.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_172518_000002513100_00371_47368_7219.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_181603_000002883100_00372_47369_7221.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_190537_000002203100_00372_47369_7220.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_195009_000002143100_00373_47370_7238.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_195441_000001773100_00373_47370_7239.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_204429_000002813100_00373_47370_7235.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_204429_000002813100_00373_47370_7236.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_205522_000002143100_00373_47370_7237.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_213706_000003123100_00374_47371_7247.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_214839_000000923100_00374_47371_7251.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_221603_000001533100_00374_47371_7250.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_222432_000002513100_00374_47371_7241.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110322_231025_000005203100_00375_47372_7275.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110322_072244_000002143100_00365_47362_0231.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110322_080120_000000923100_00366_47363_0232.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110322_081734_000001533100_00366_47363_0233.N1					OK	OK	OK	OK

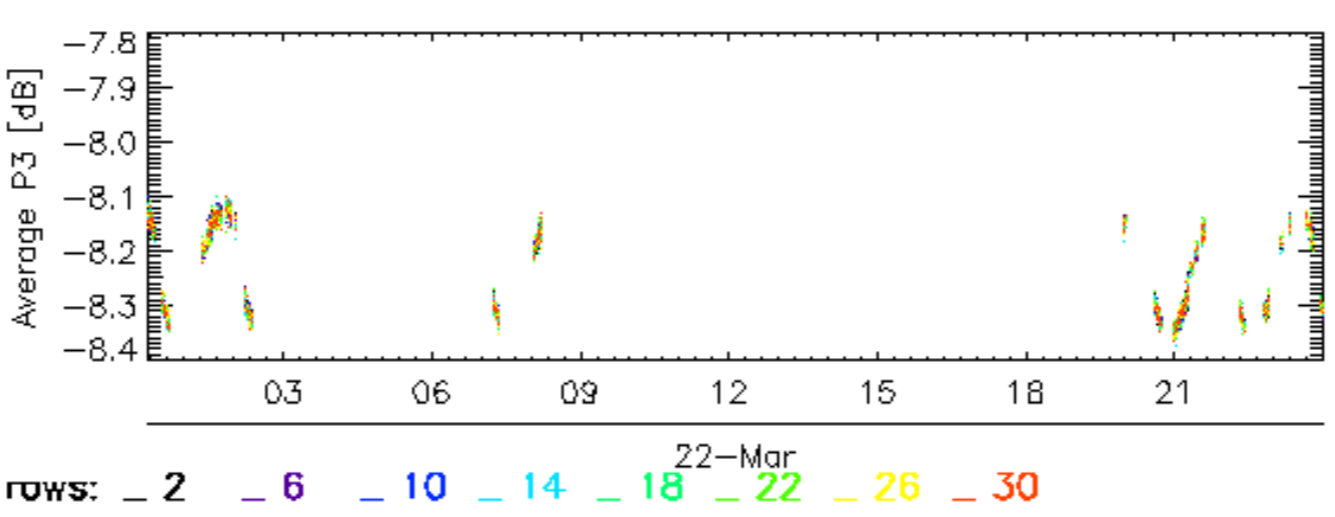
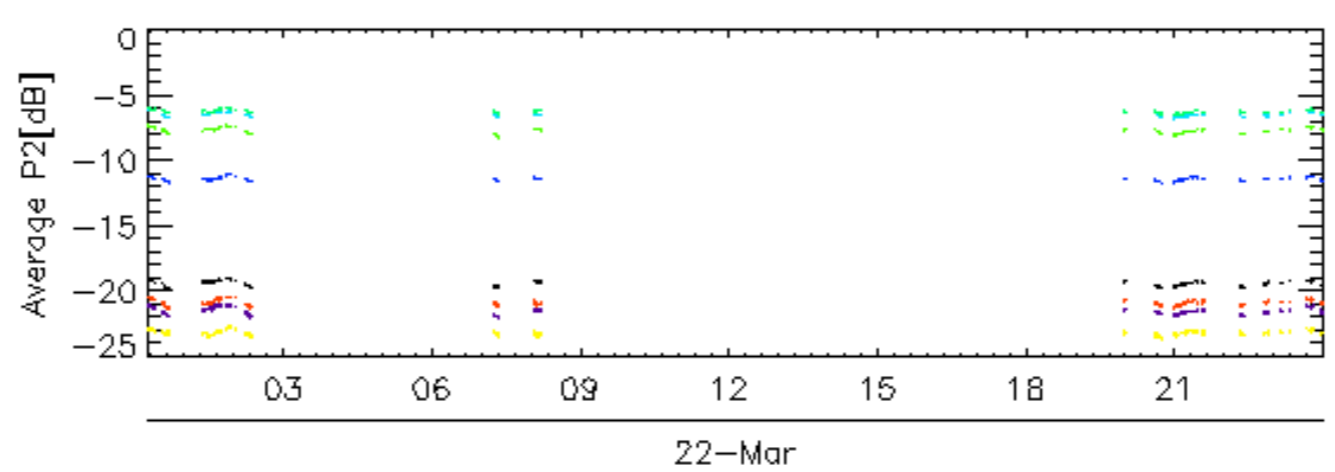
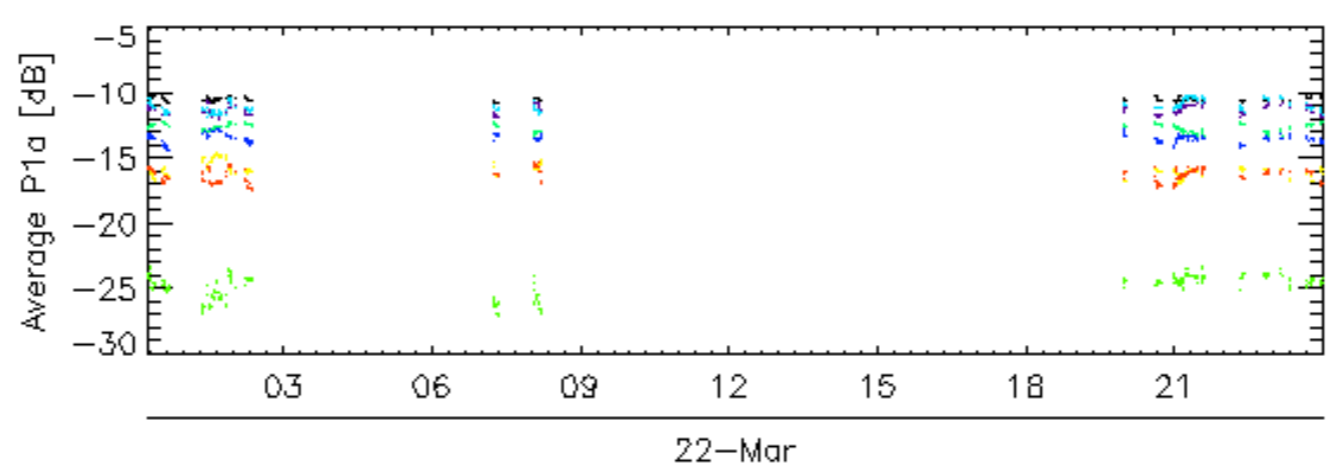
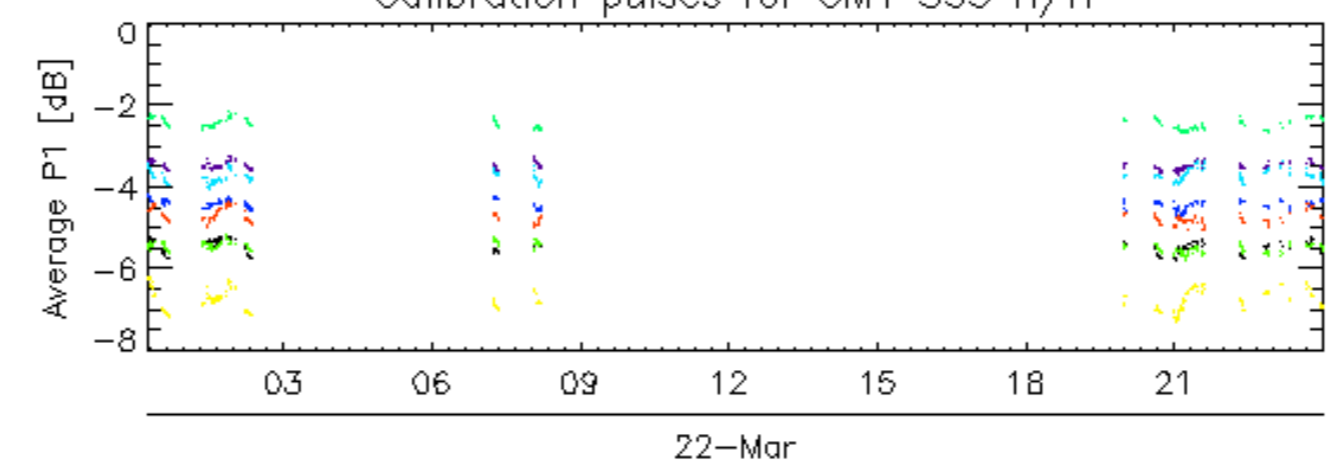
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20110322_000029_000008693100_00361_47358_7119.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_002437_000004803100_00361_47358_7121.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_004608_000005243100_00361_47358_7122.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_005408_000002993100_00361_47358_7137.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_010402_000009443100_00361_47358_7141.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_014520_000001643100_00362_47359_7144.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_015747_000001493100_00362_47359_7147.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_020217_000006303100_00362_47359_7148.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_200101_000020543100_00373_47370_7225.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_200101_000020543100_00373_47370_7226.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_204909_000001503100_00373_47370_7227.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_205054_000002253100_00373_47370_7246.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_214222_000003293100_00374_47371_7245.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_215009_000015143100_00374_47371_7252.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_222910_000004803100_00374_47371_7248.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_223626_000007043100_00374_47371_7261.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_225733_000004353100_00375_47372_7263.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_232123_000010043100_00375_47372_7265.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_234116_000000893100_00375_47372_7269.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110322_234920_000003903100_00375_47372_7271.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110322_070807_000002403100_00365_47362_0210.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110322_072704_000020093100_00365_47362_0212.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110322_084238_000005703100_00366_47363_0251.N1					OK	OK	OK	OK
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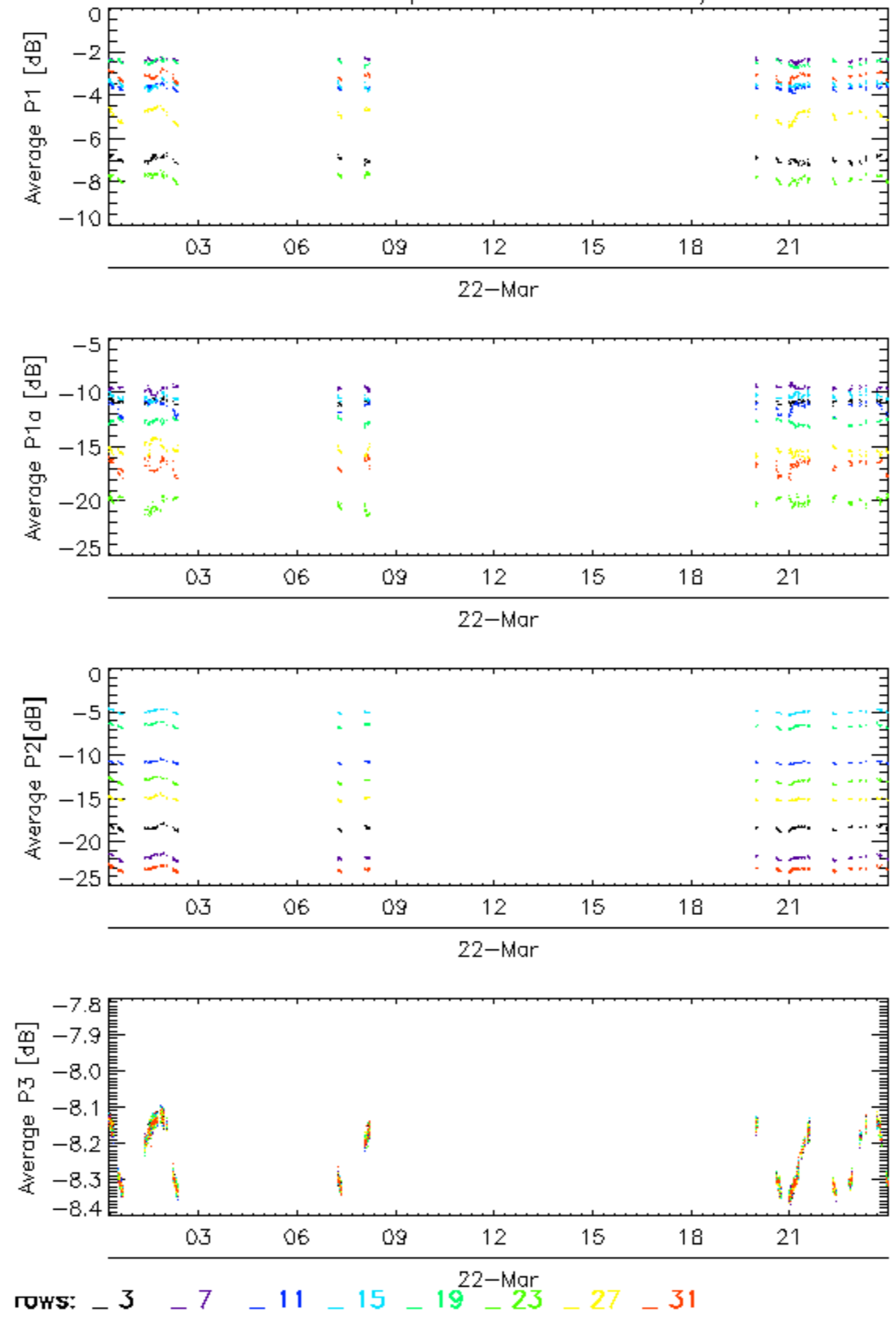
Calibration pulses for GM1 SS3 H/H



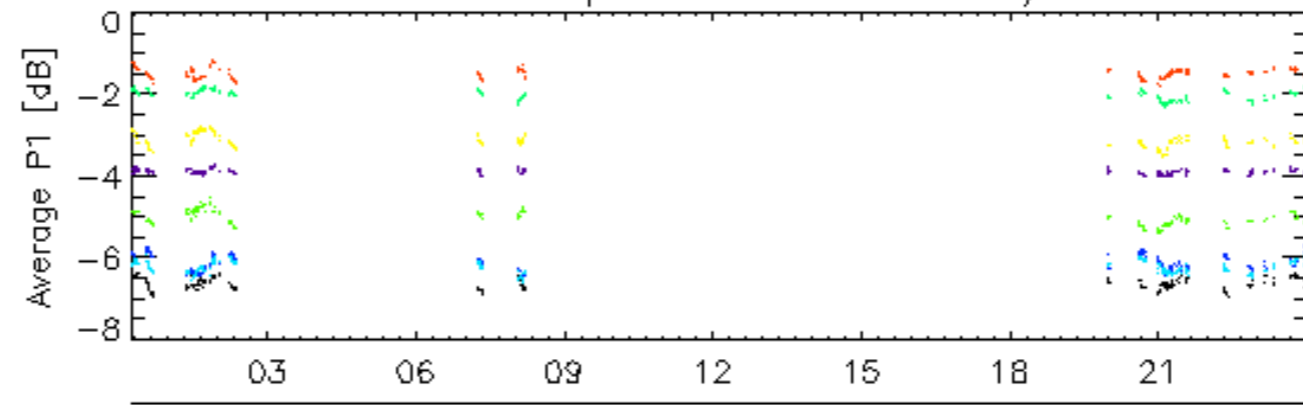
### Calibration pulses for GM1 SS3 H/H



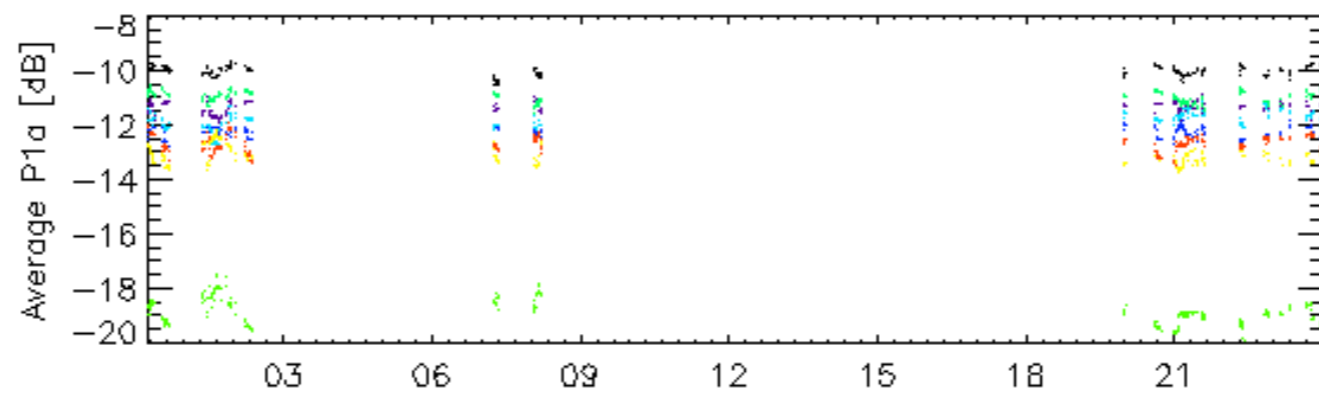
Calibration pulses for GM1 SS3 H/H



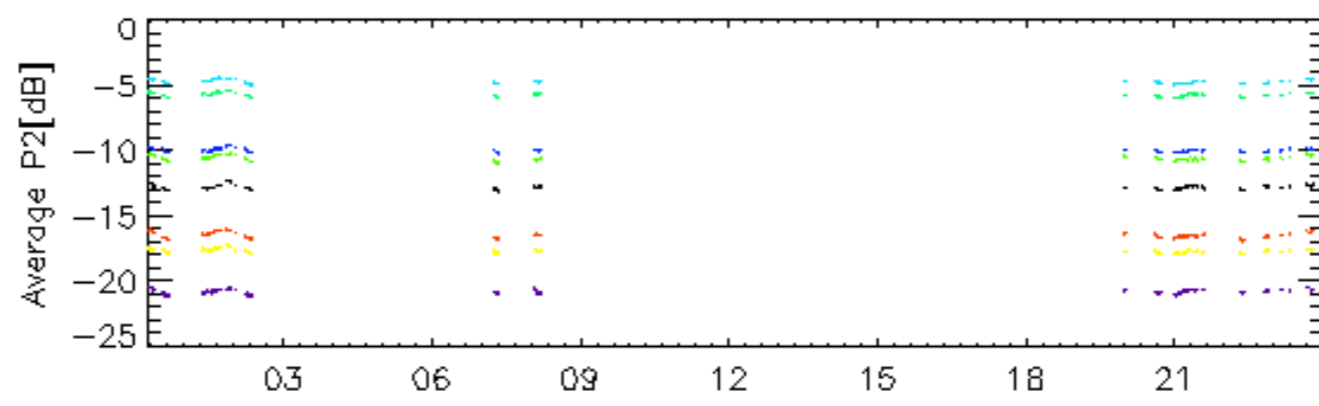
Calibration pulses for GM1 SS3 H/H



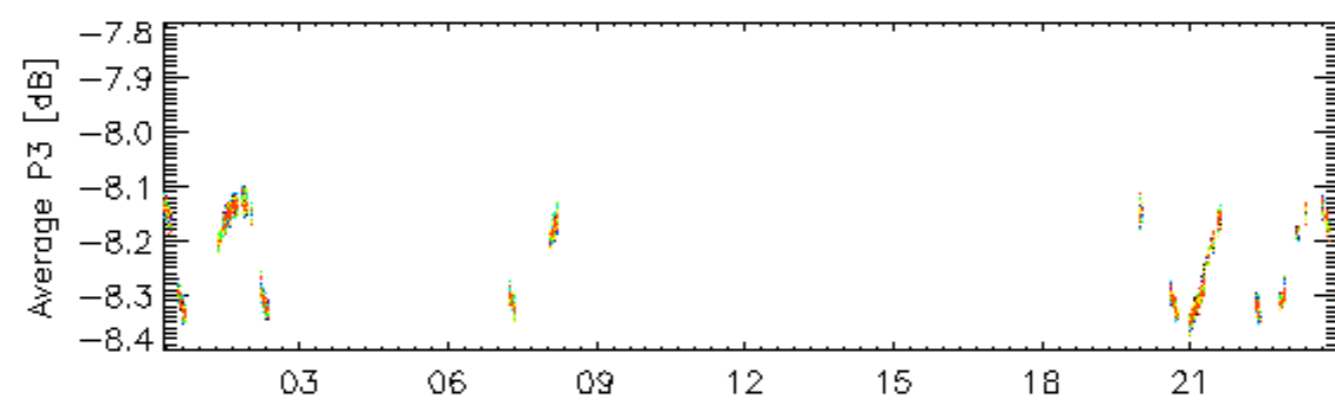
22-Mar



22-Mar



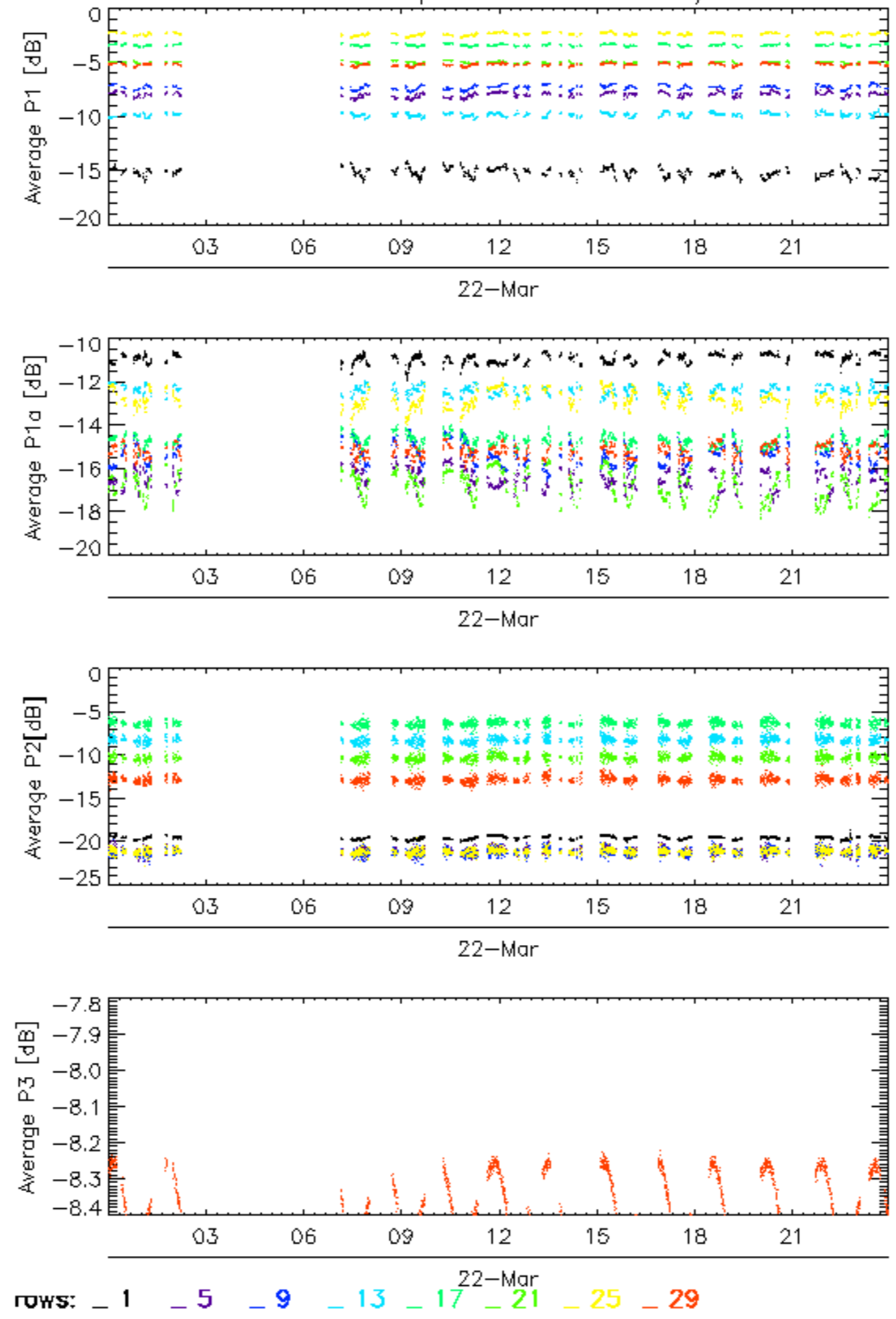
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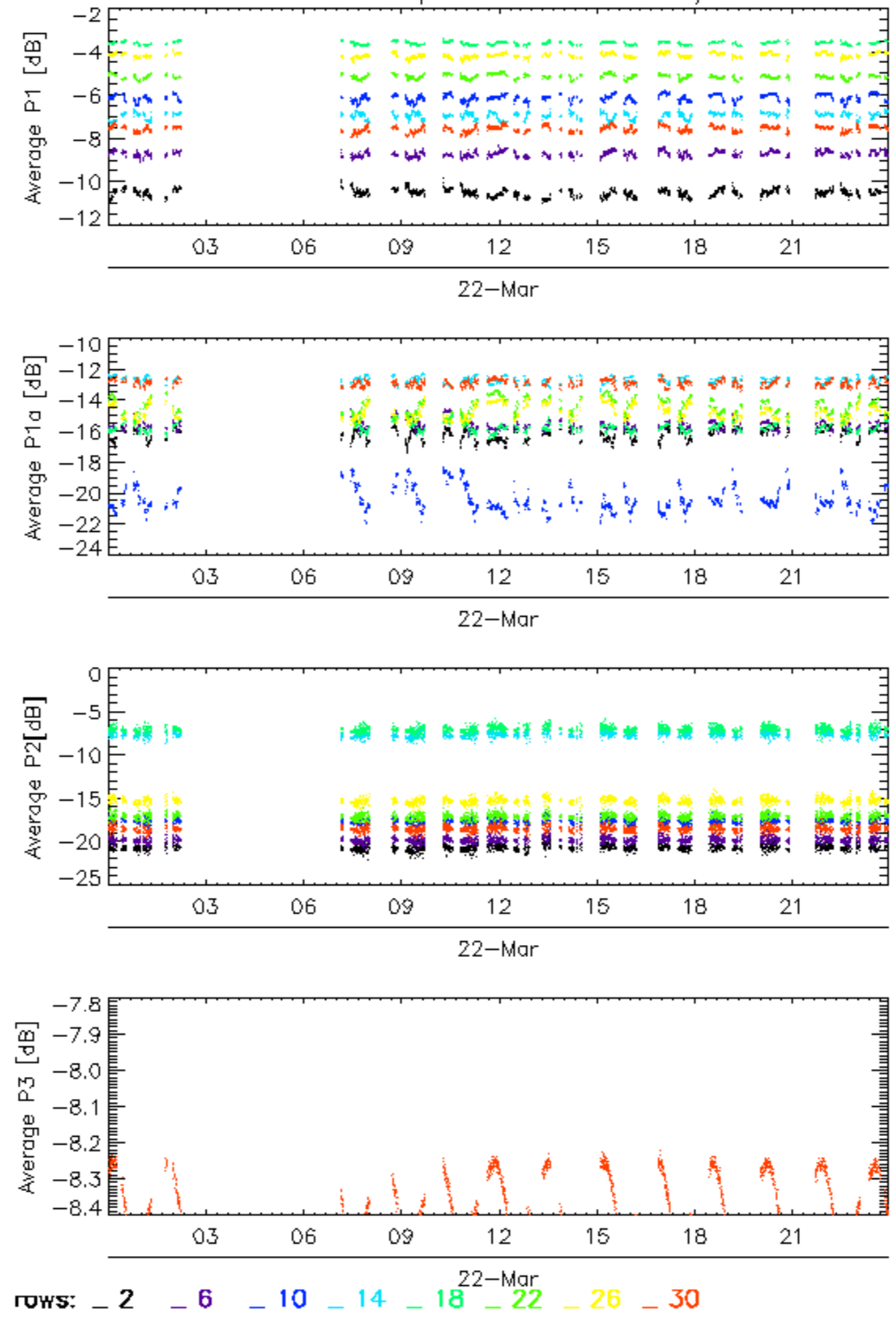
22-Mar

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

Calibration pulses for WVS IS2 V/V

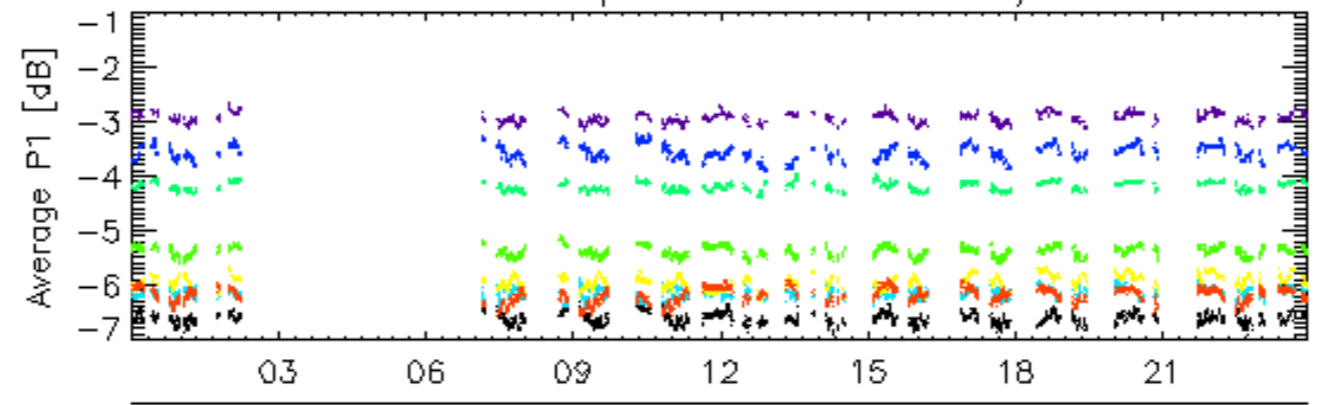


Calibration pulses for WVS IS2 V/V

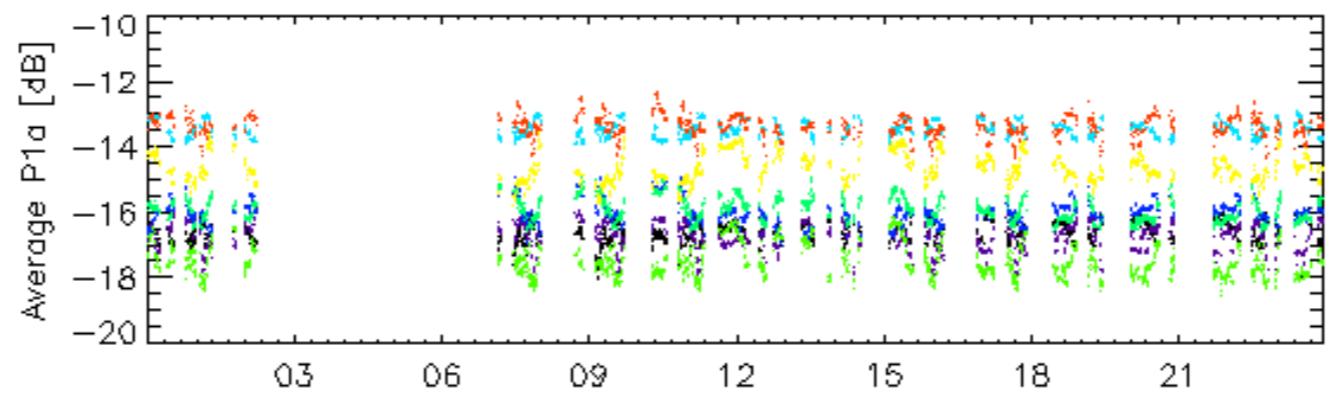




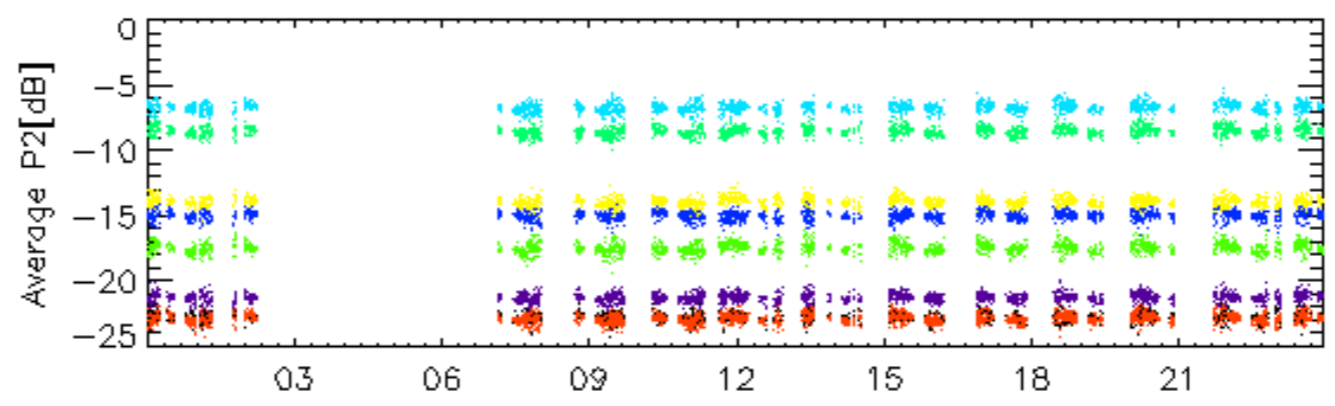
Calibration pulses for WVS IS2 V/V



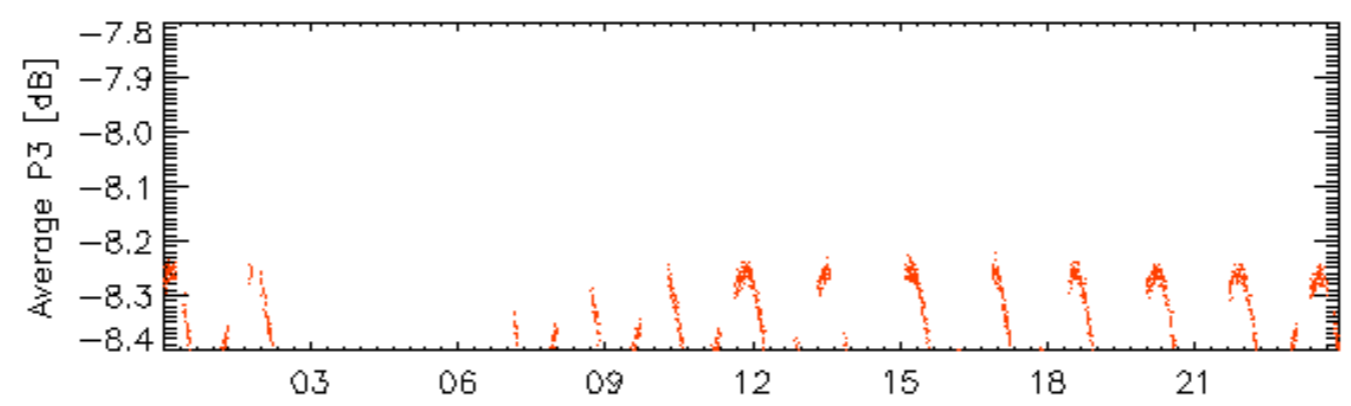
22-Mar



22-Mar



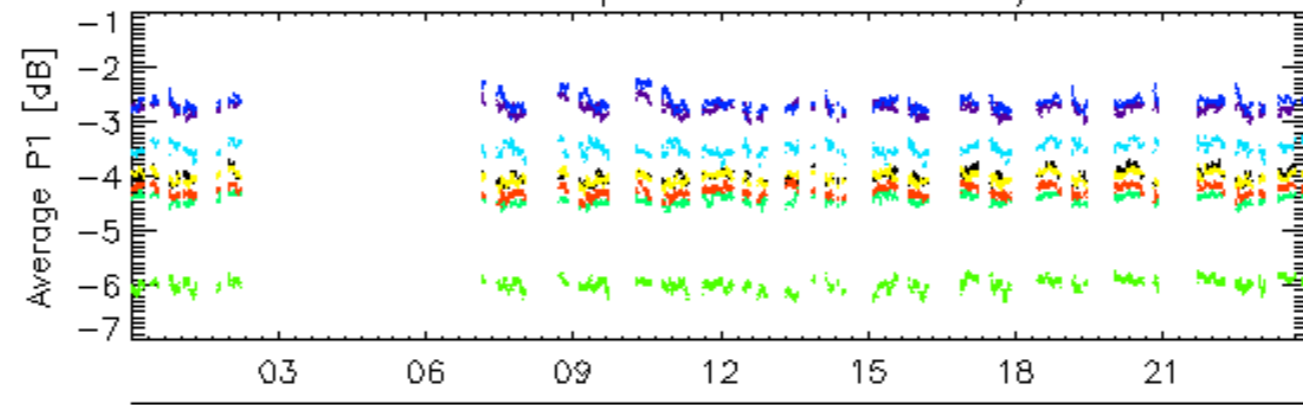
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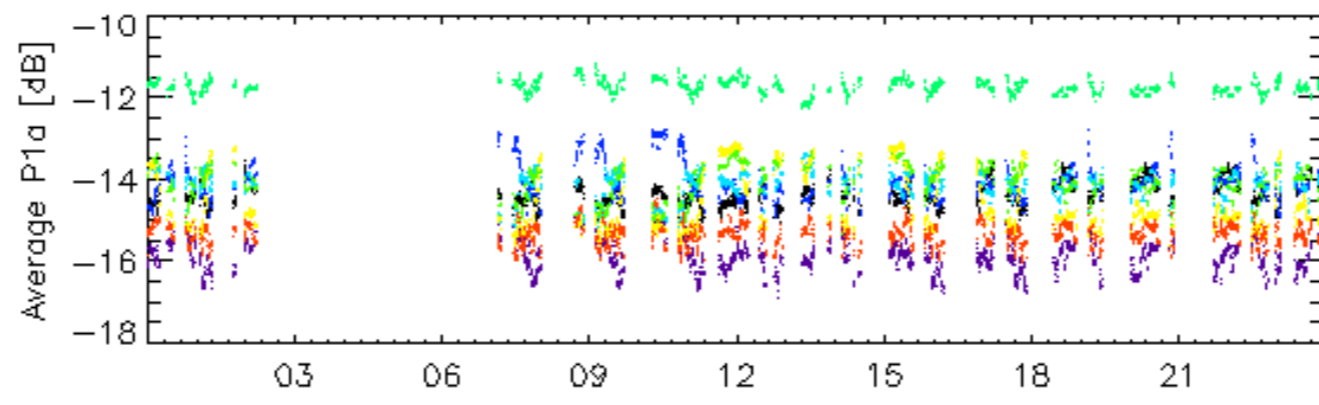
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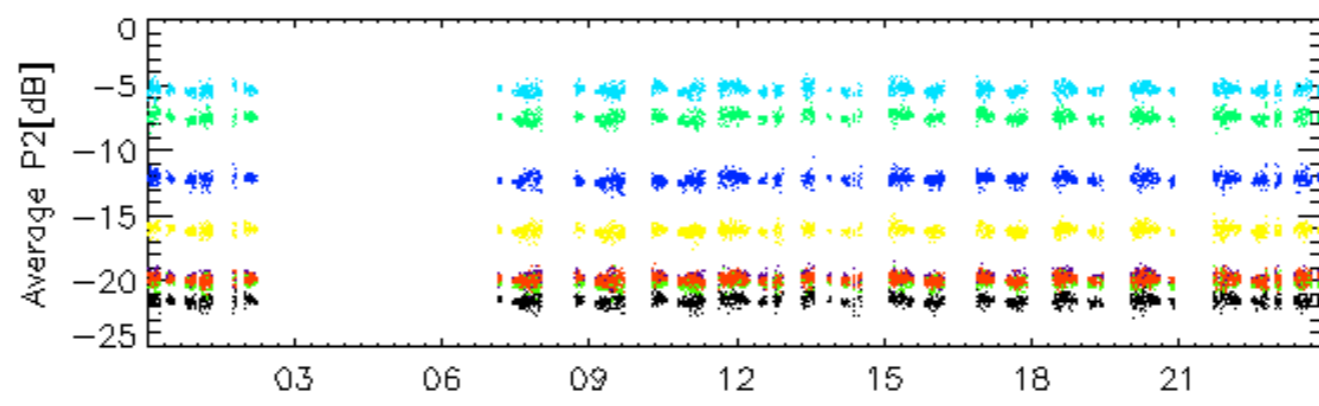
Calibration pulses for WVS IS2 V/V



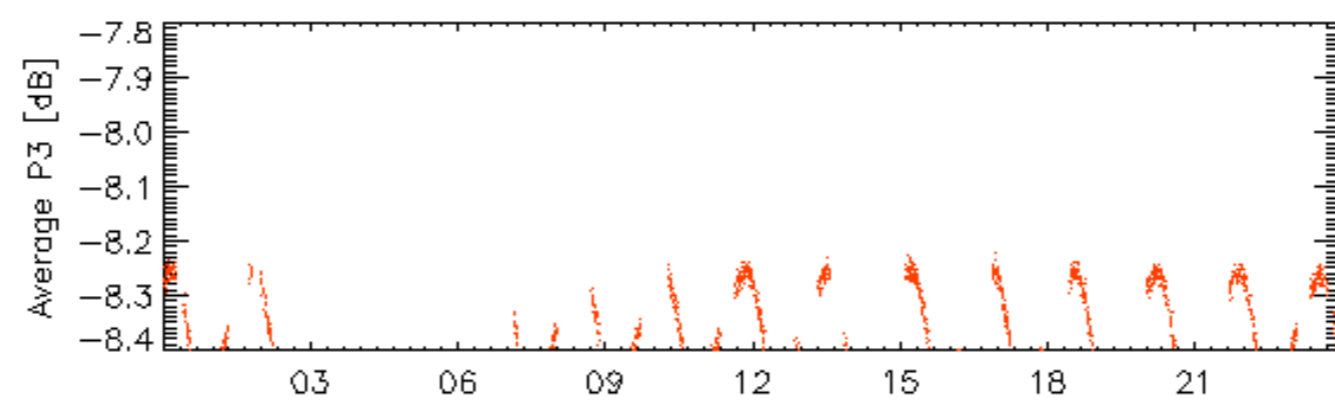
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22-Mar

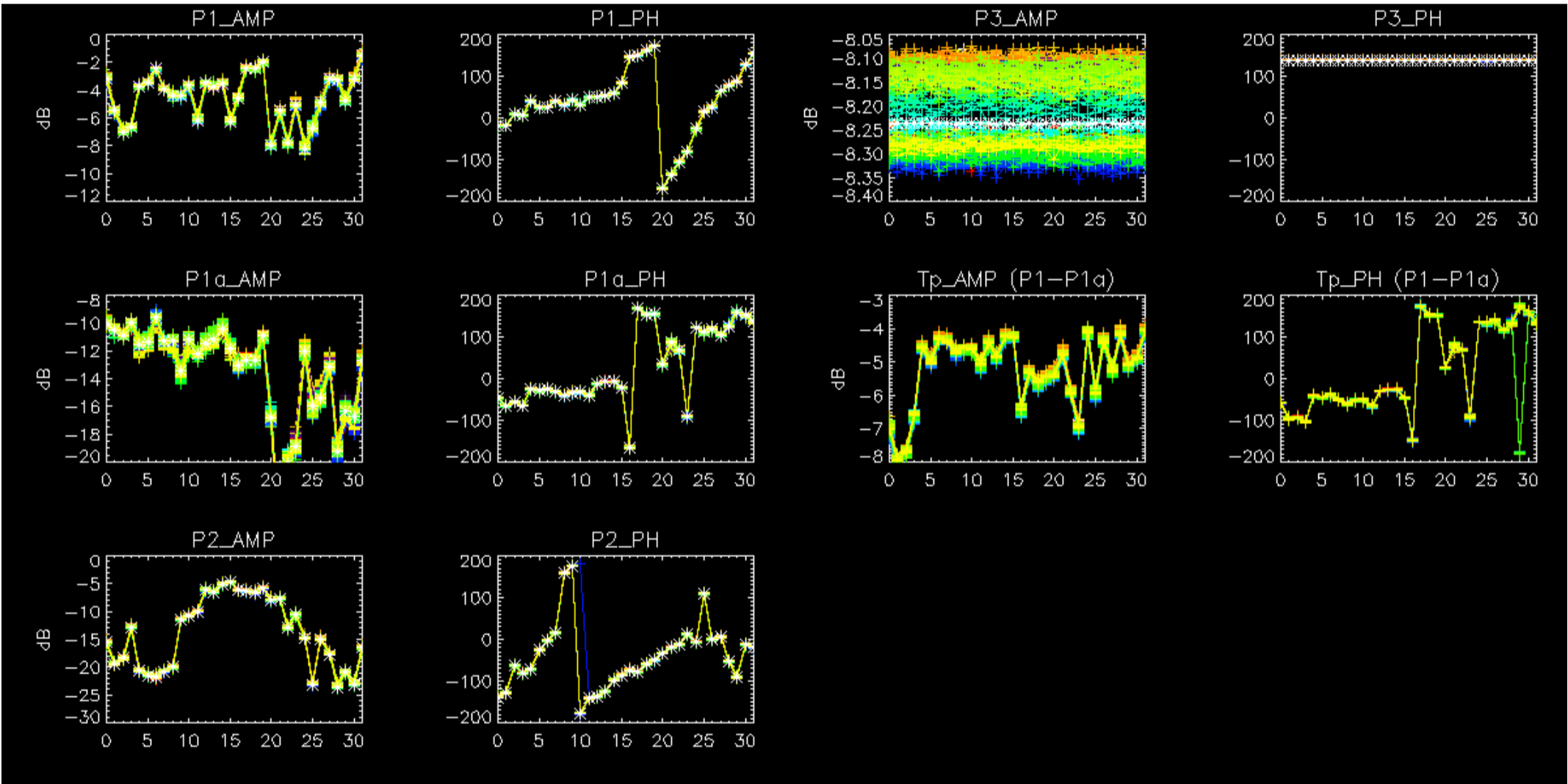


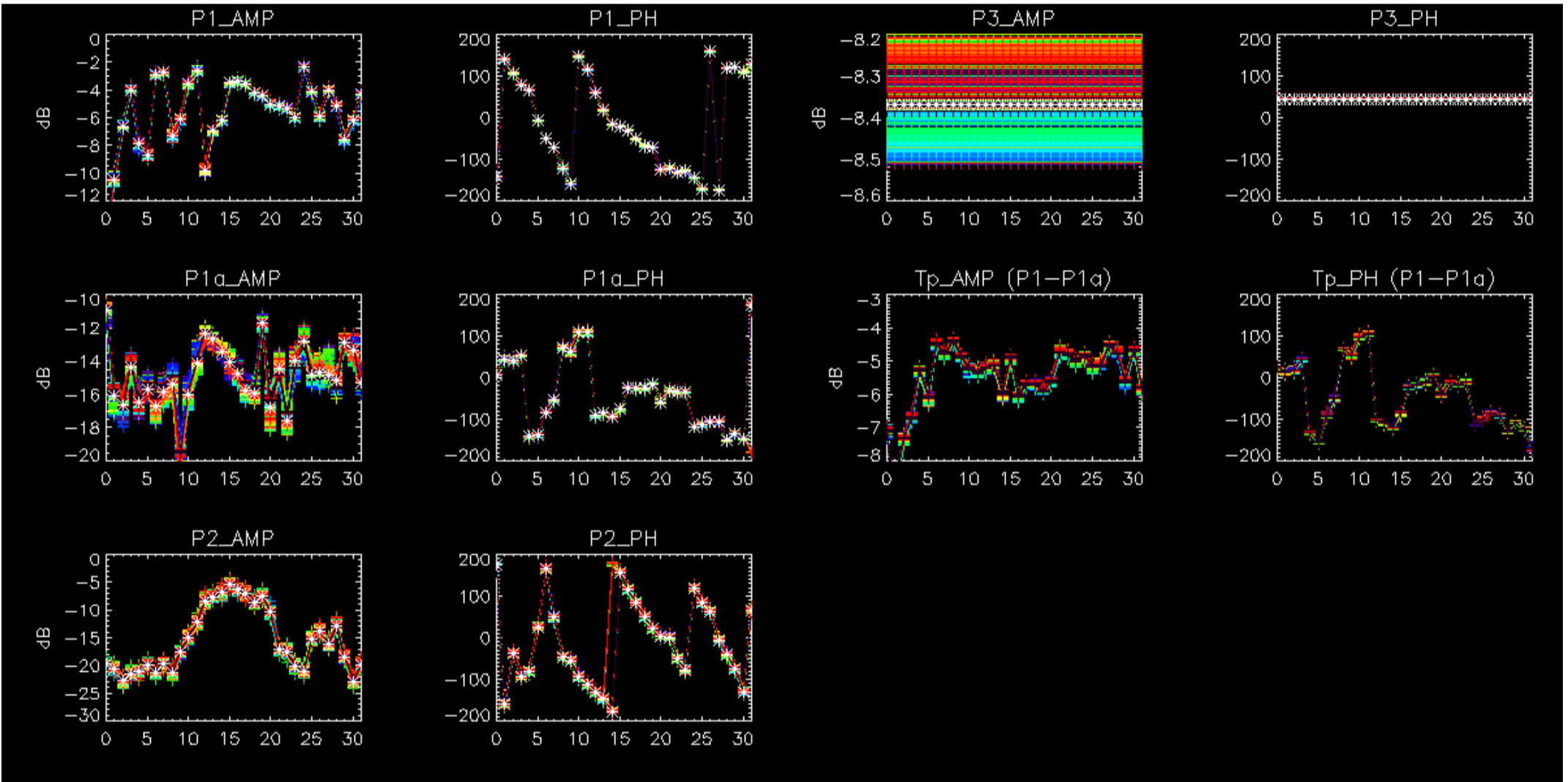
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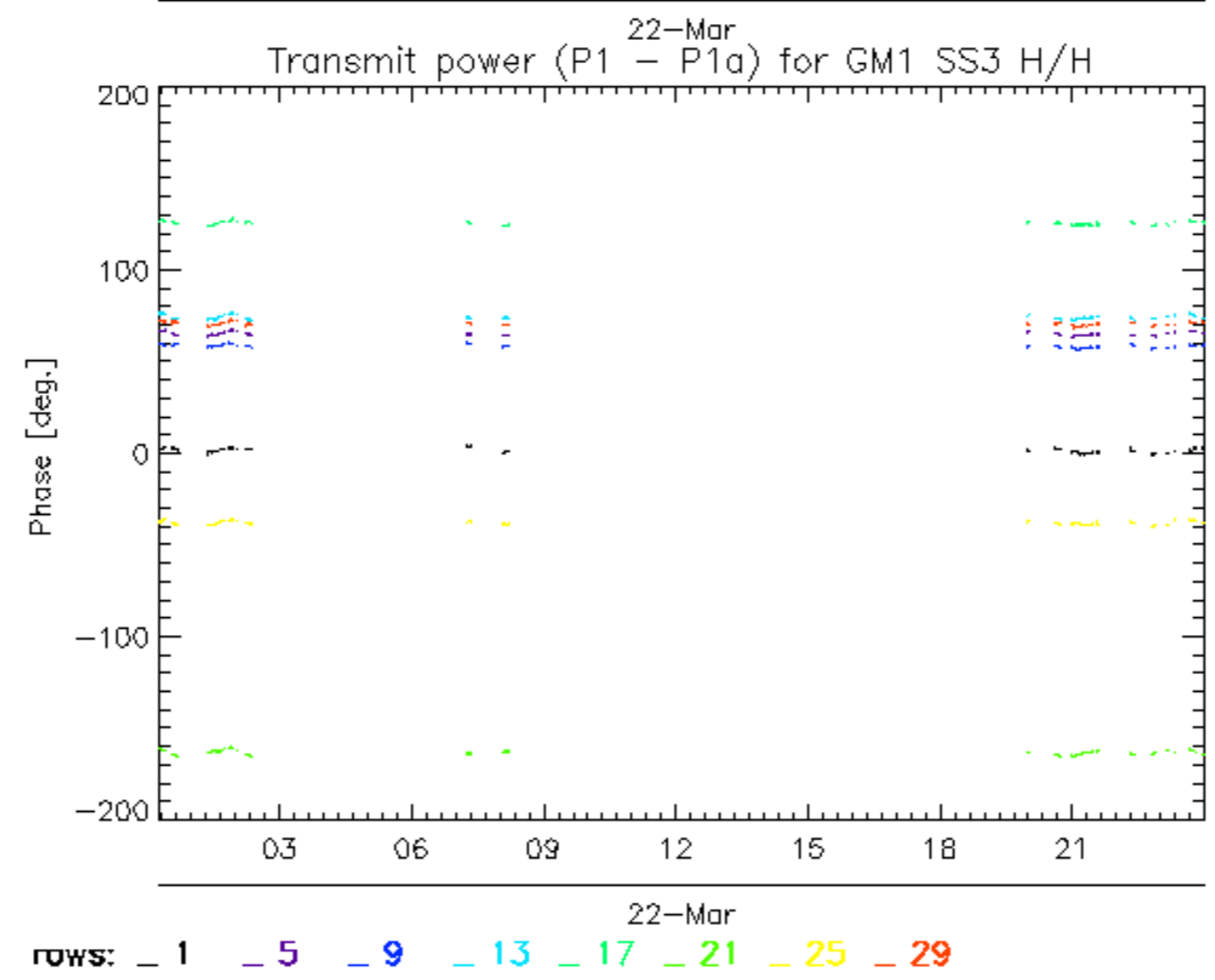
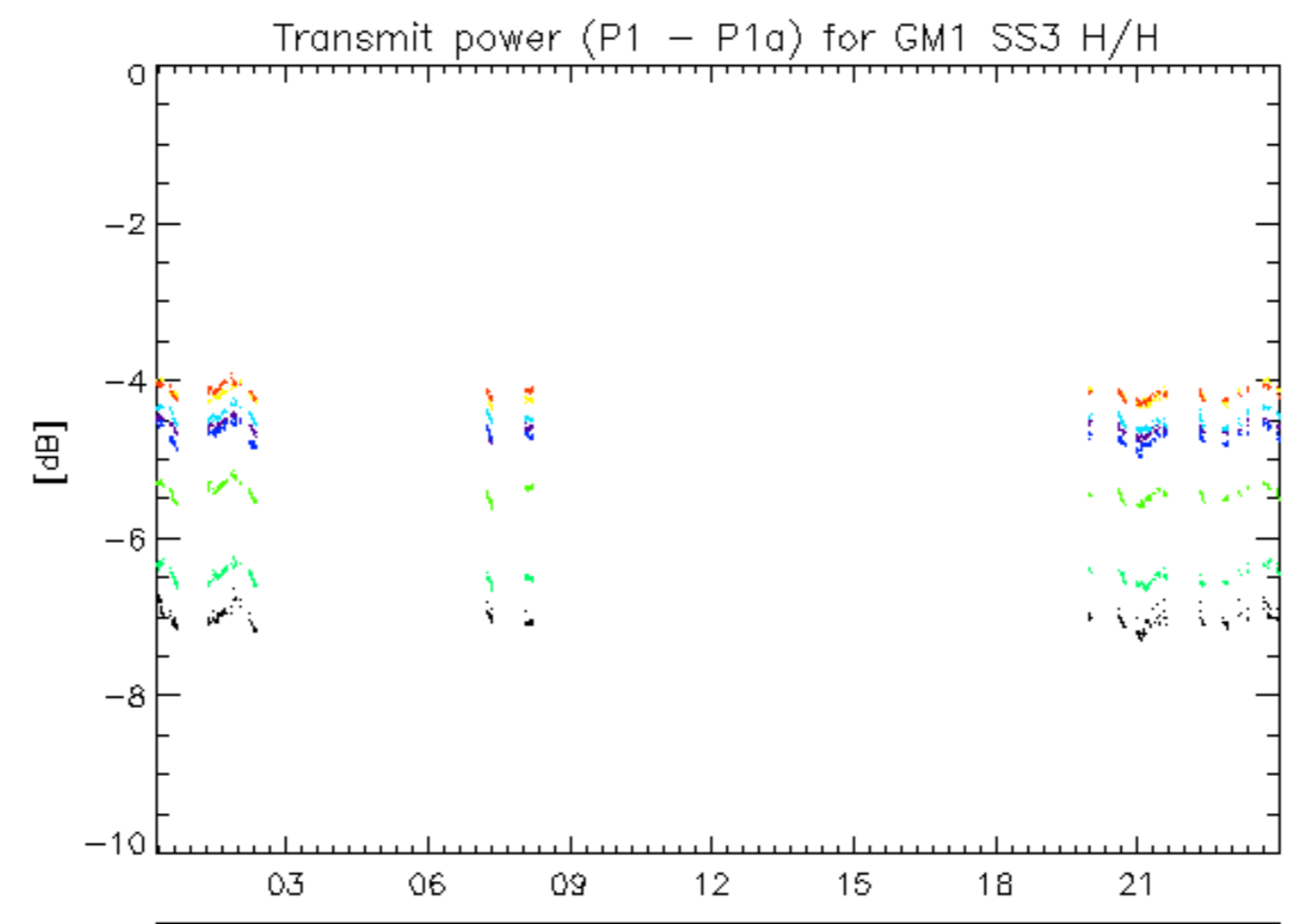


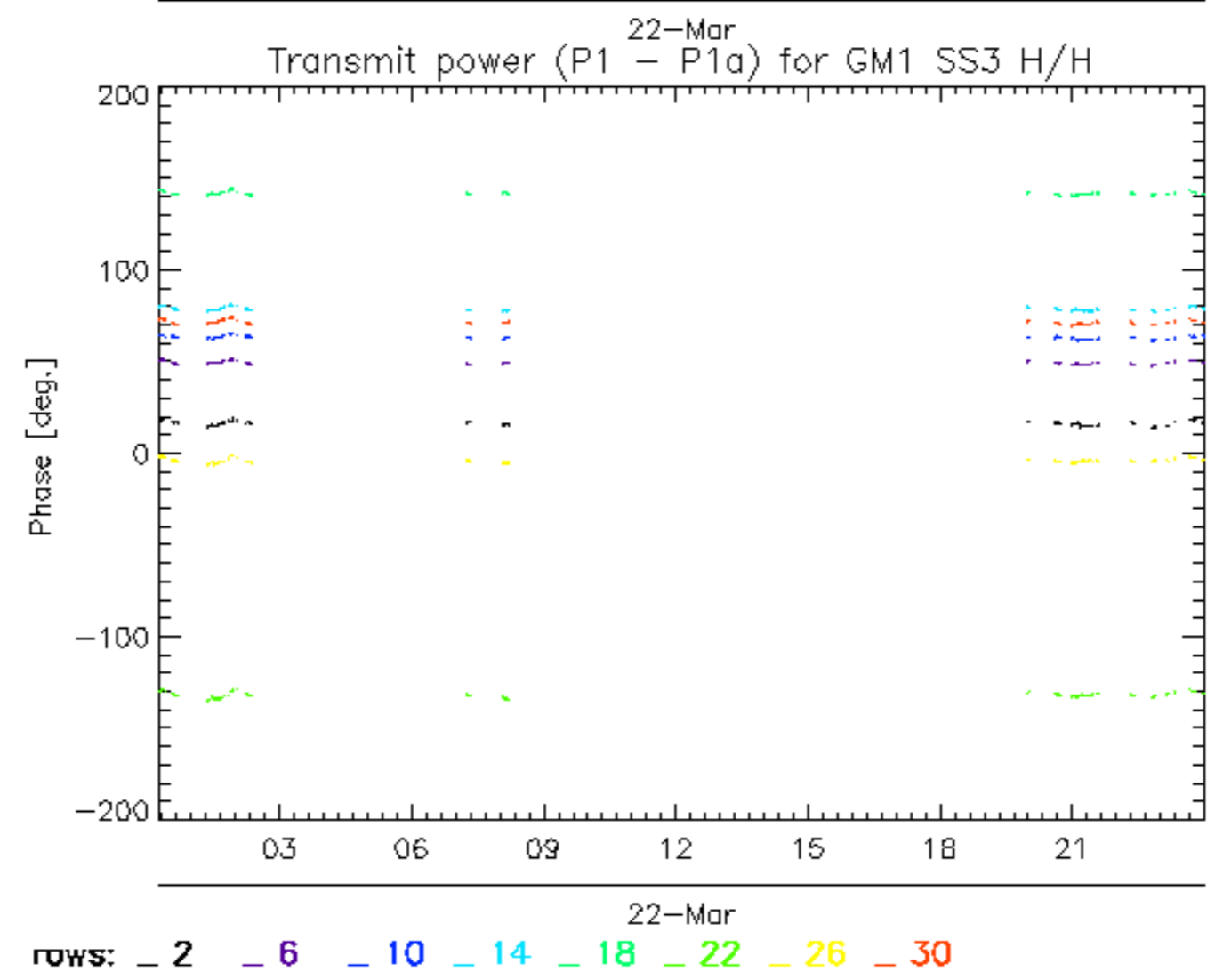
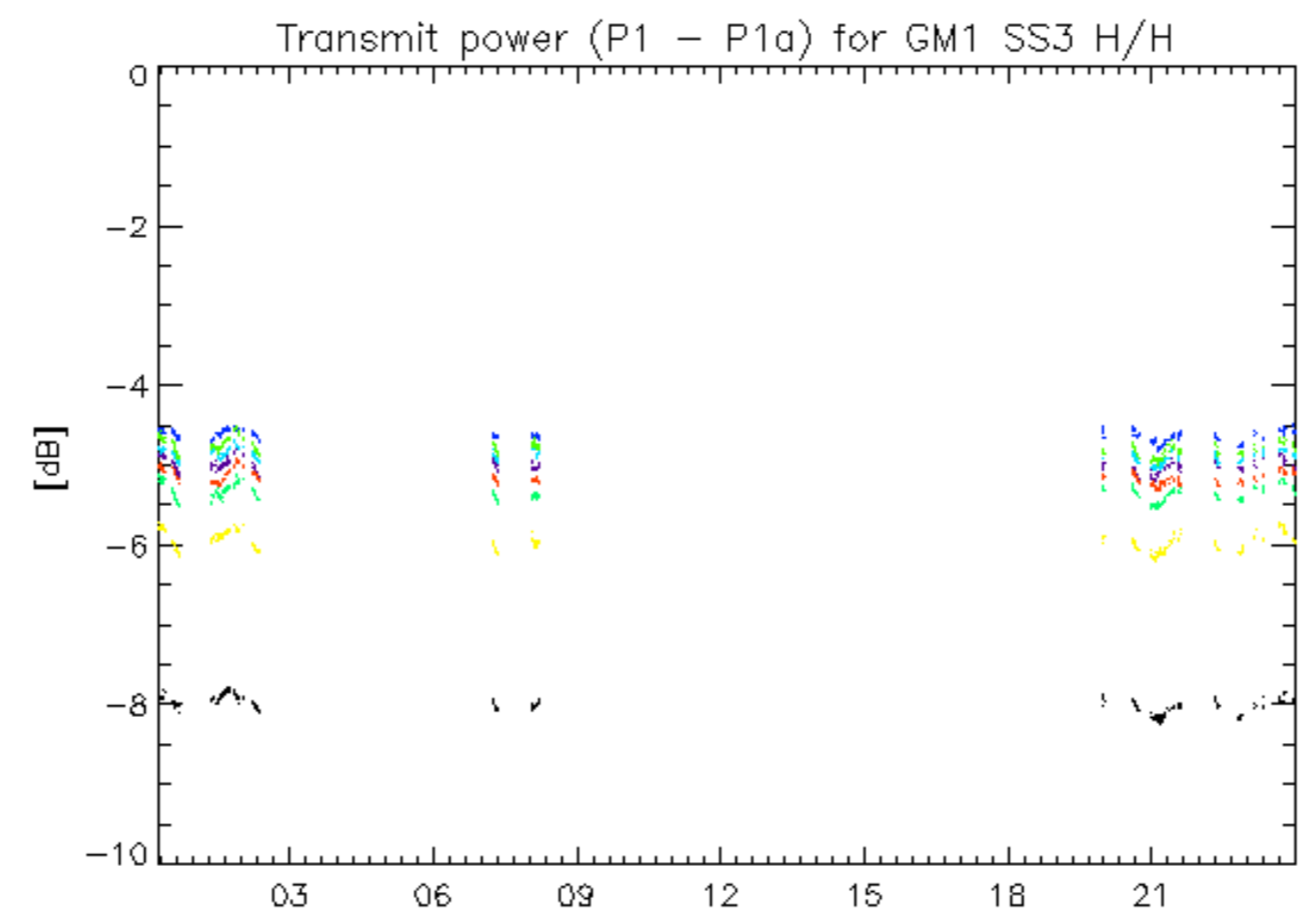
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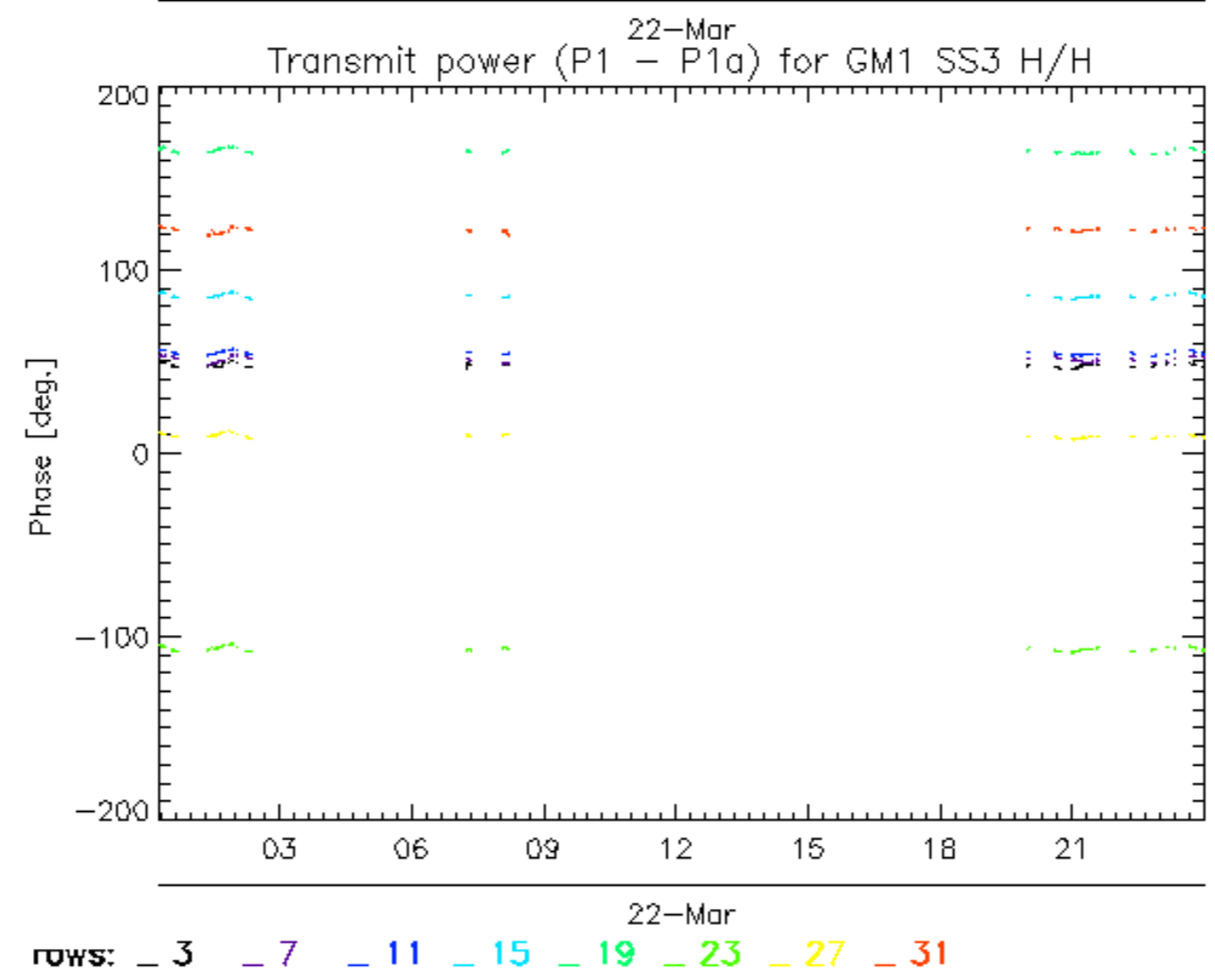
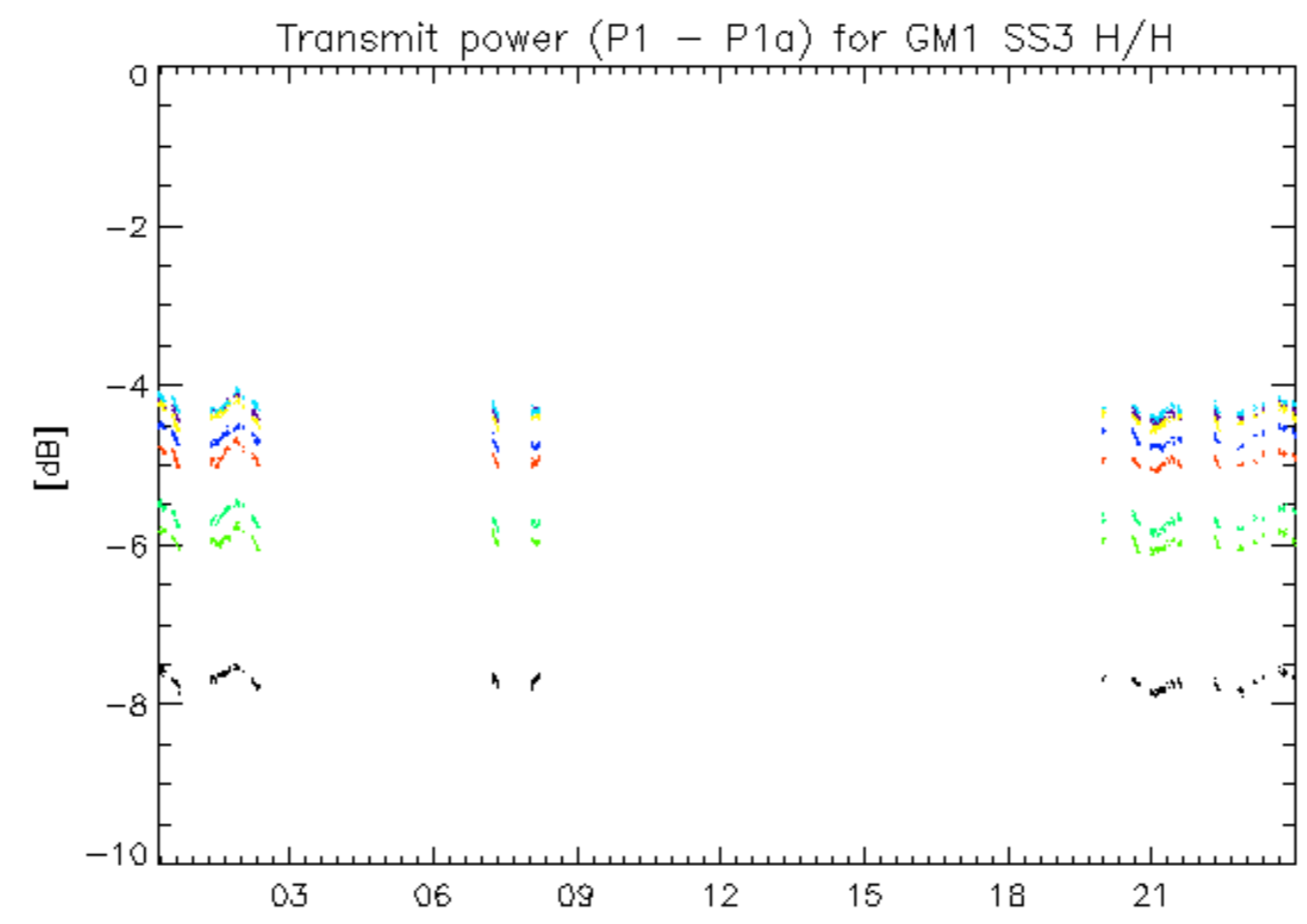
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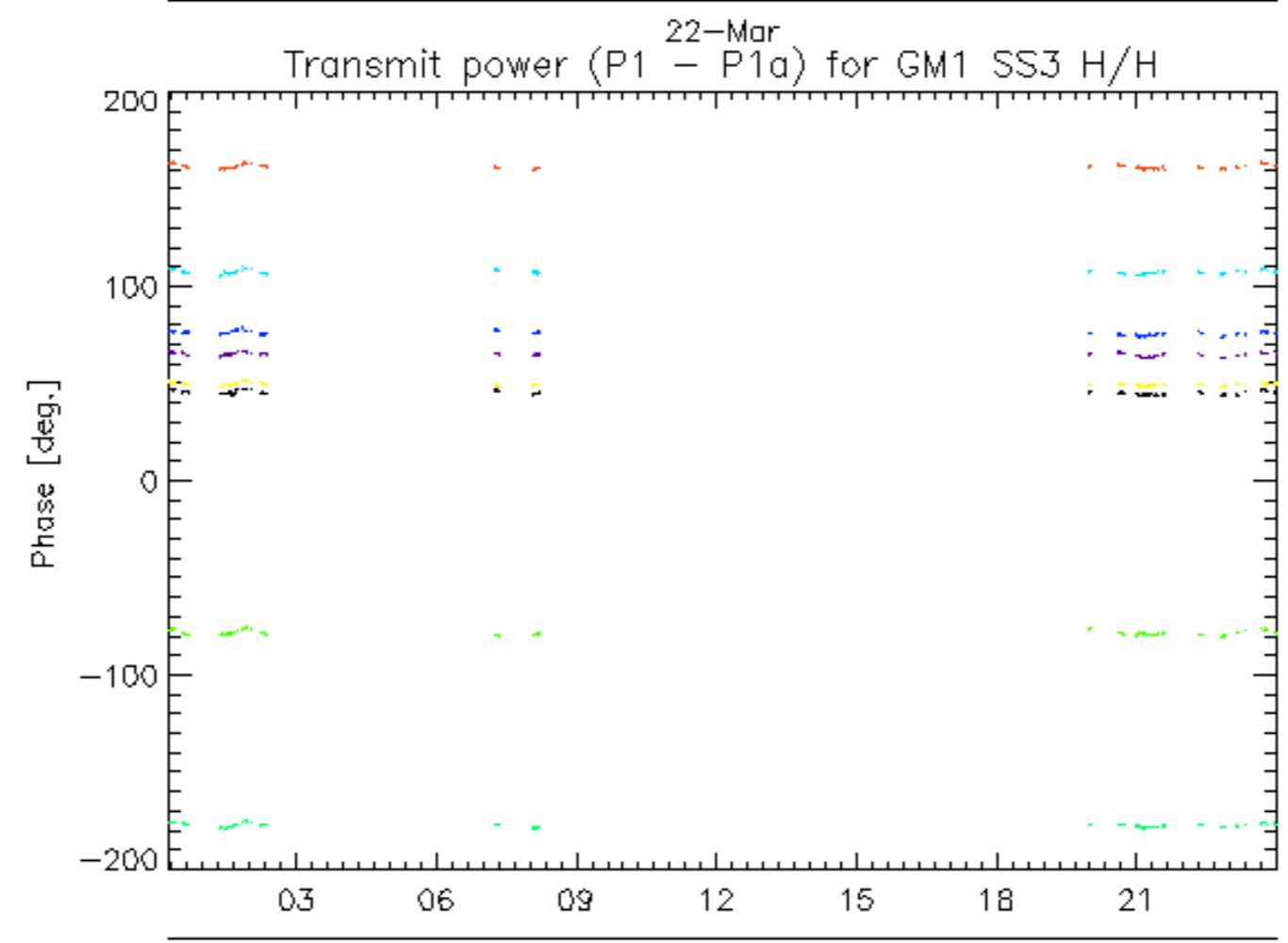
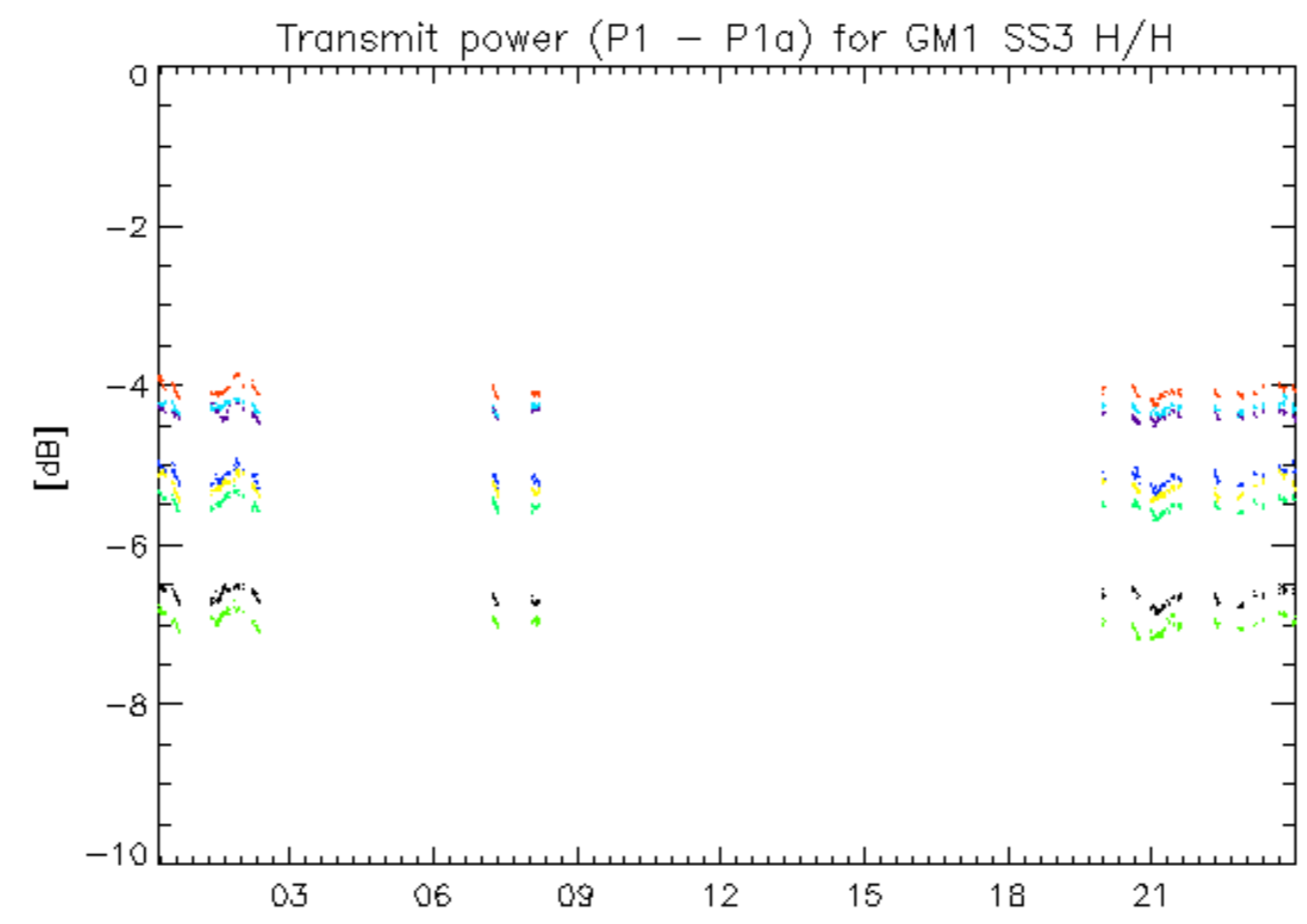






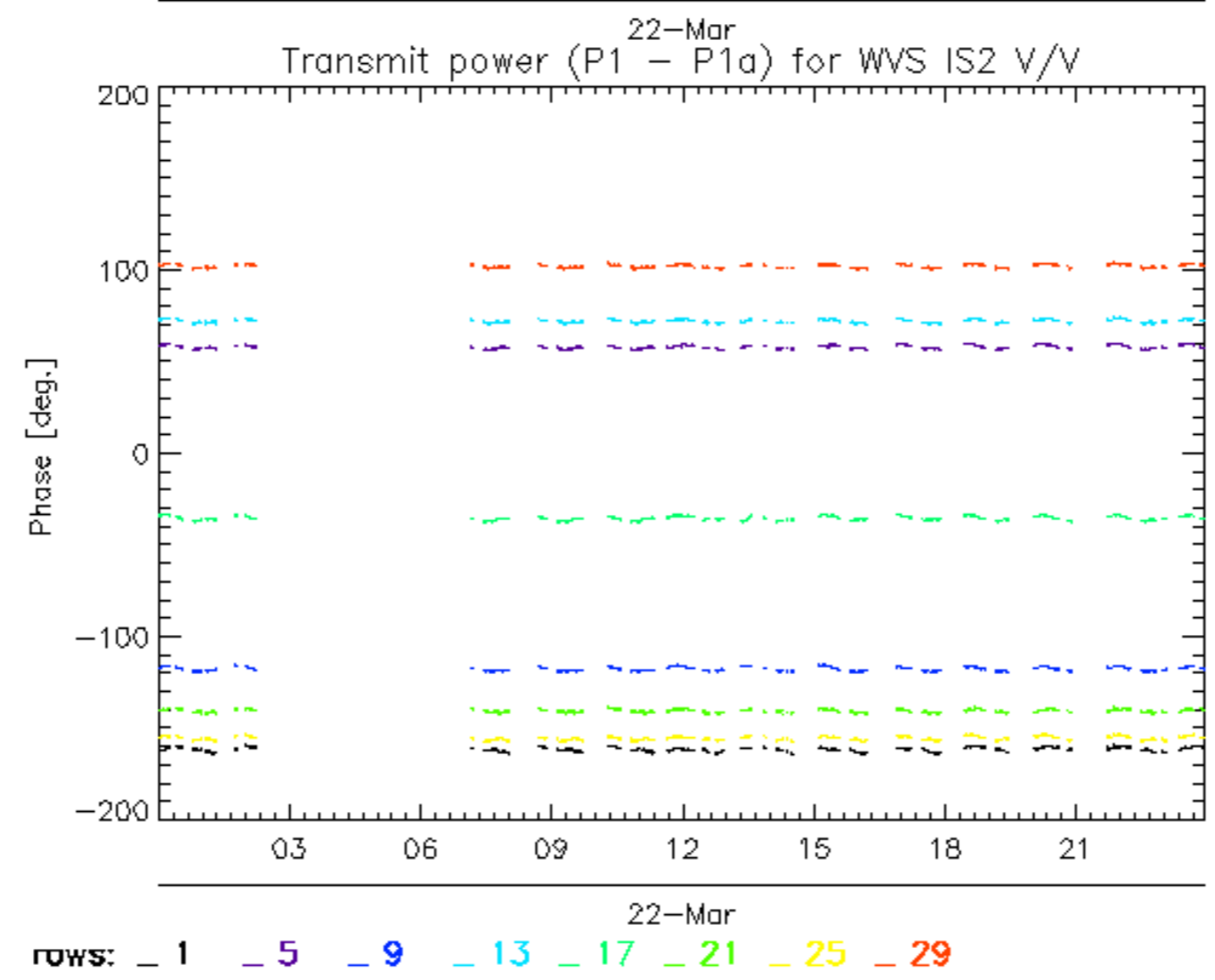
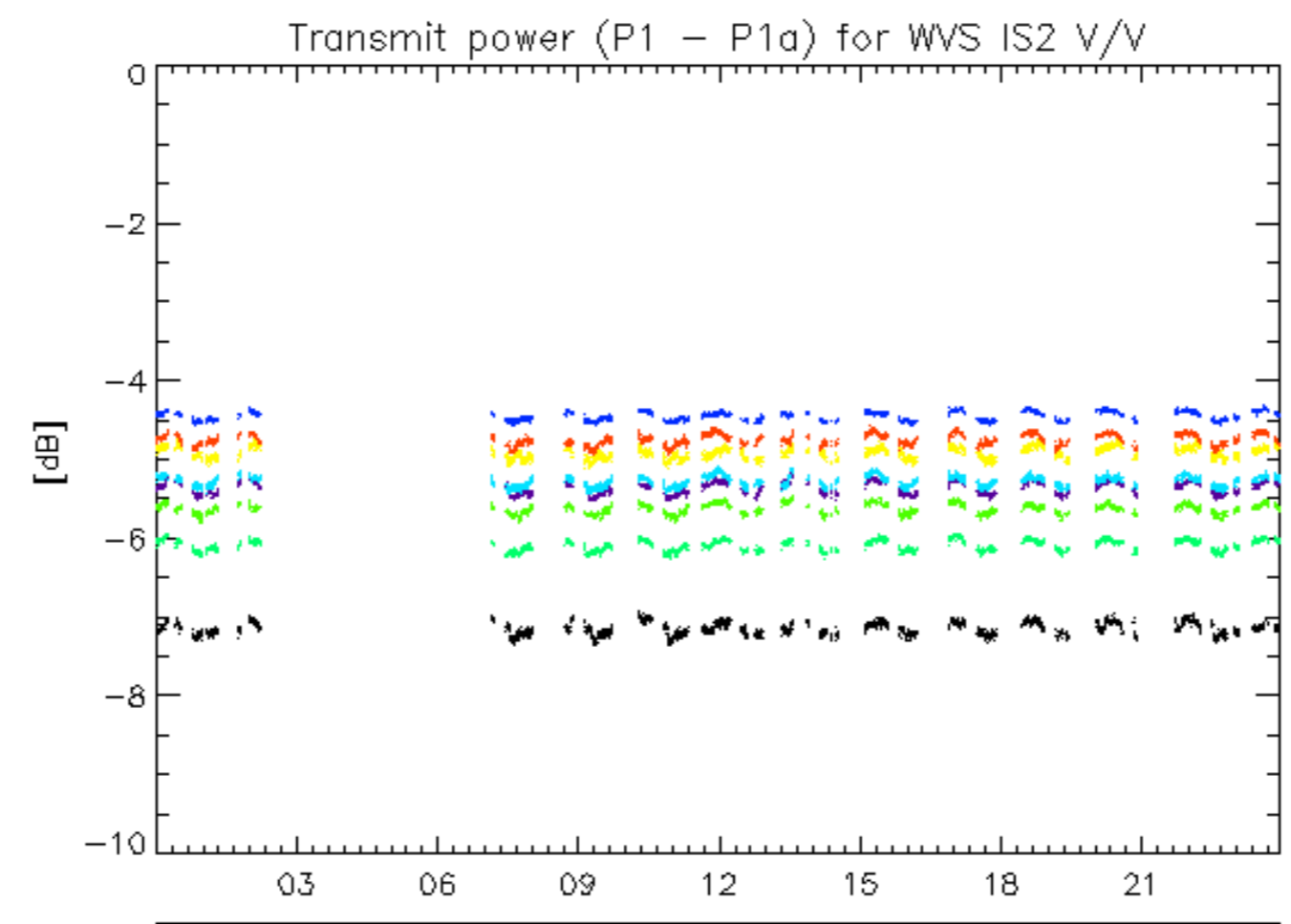


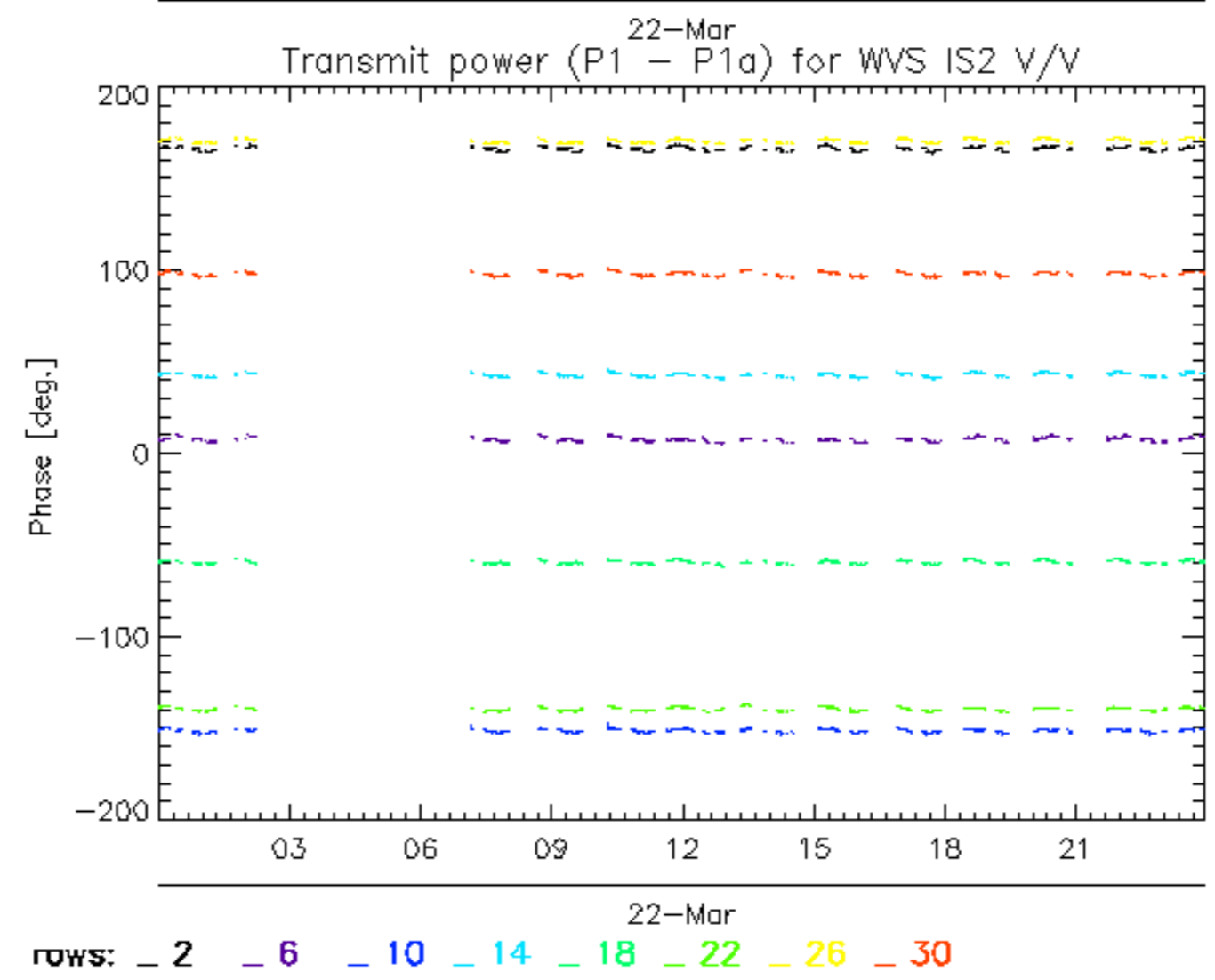
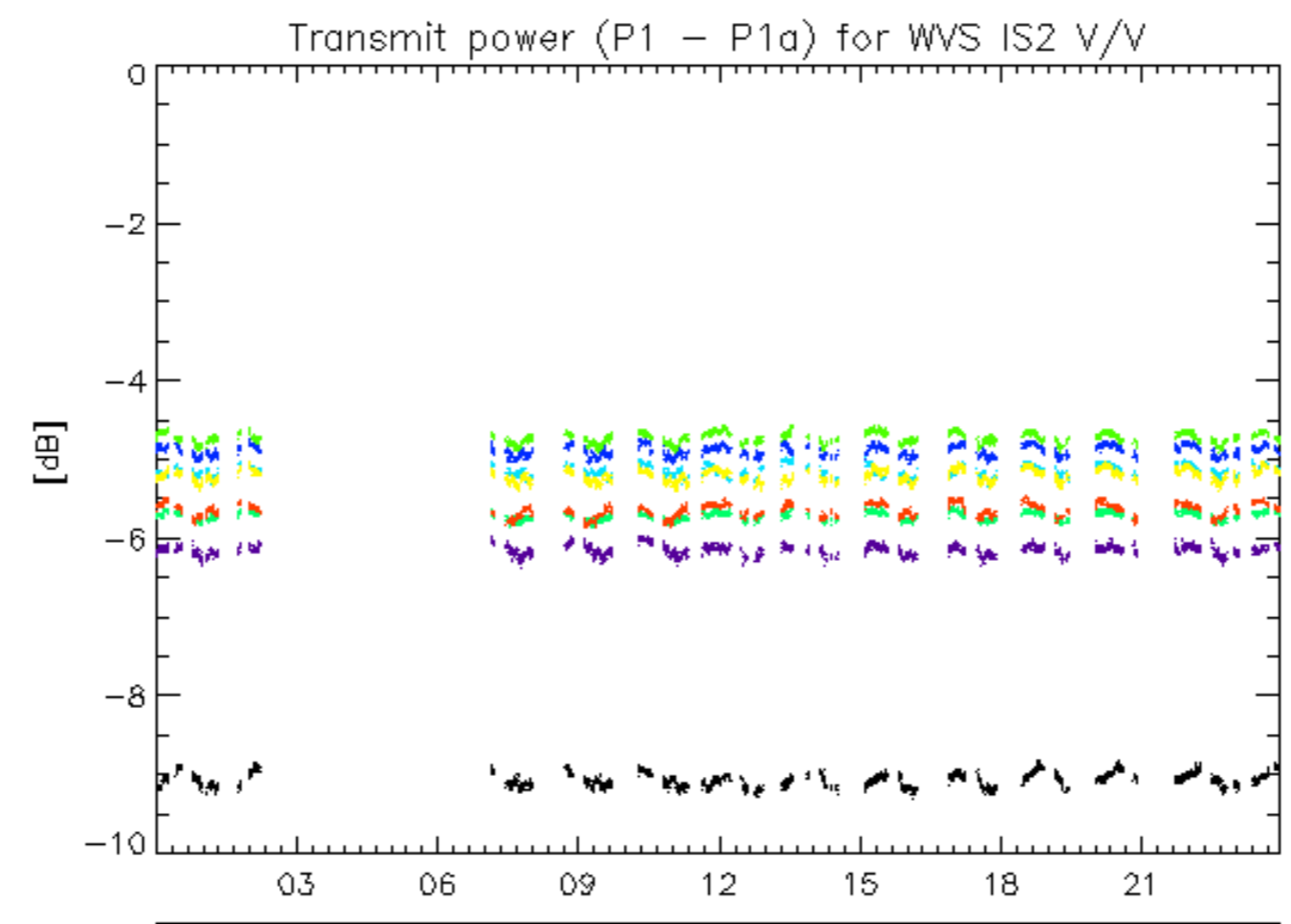


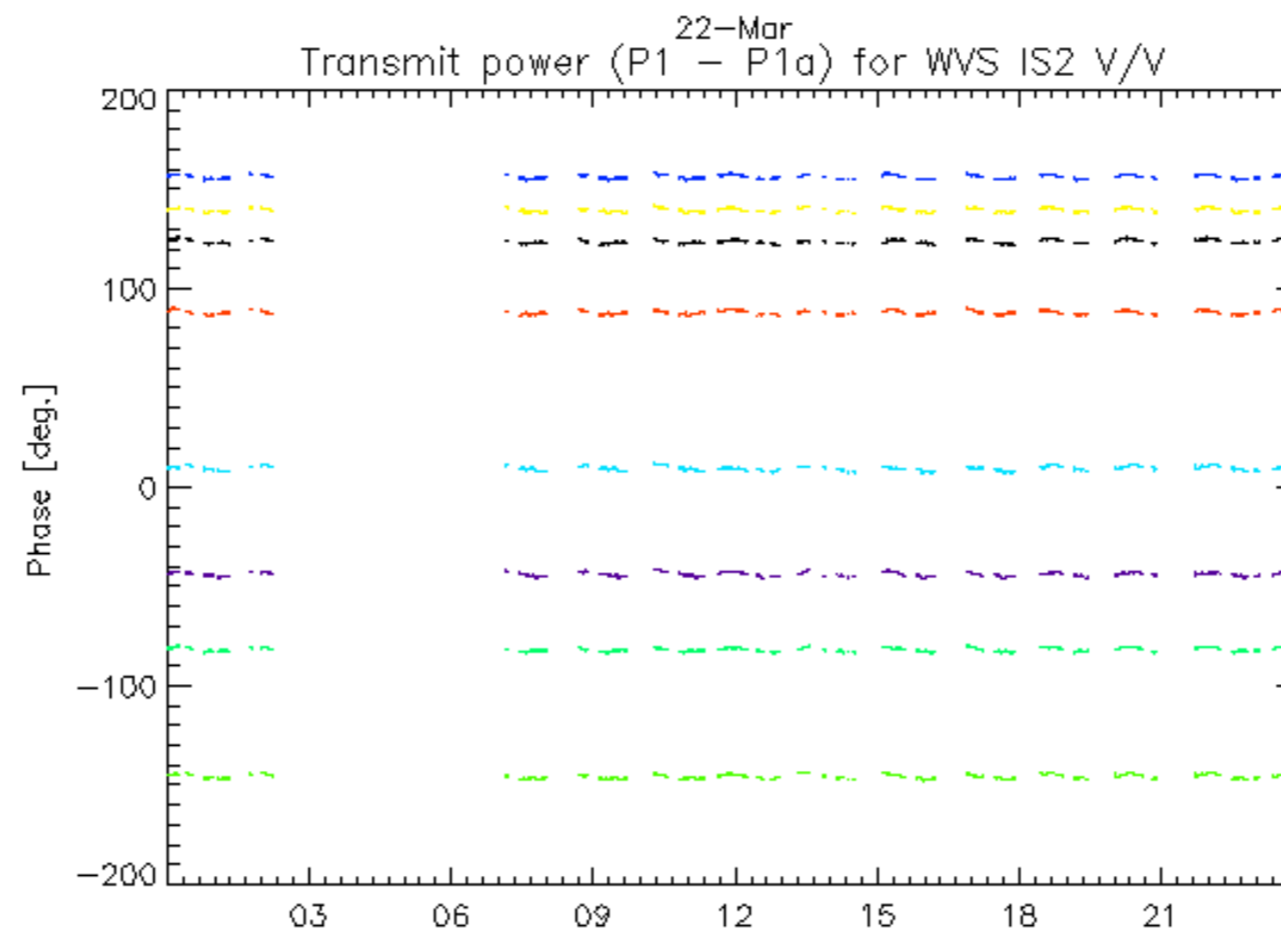
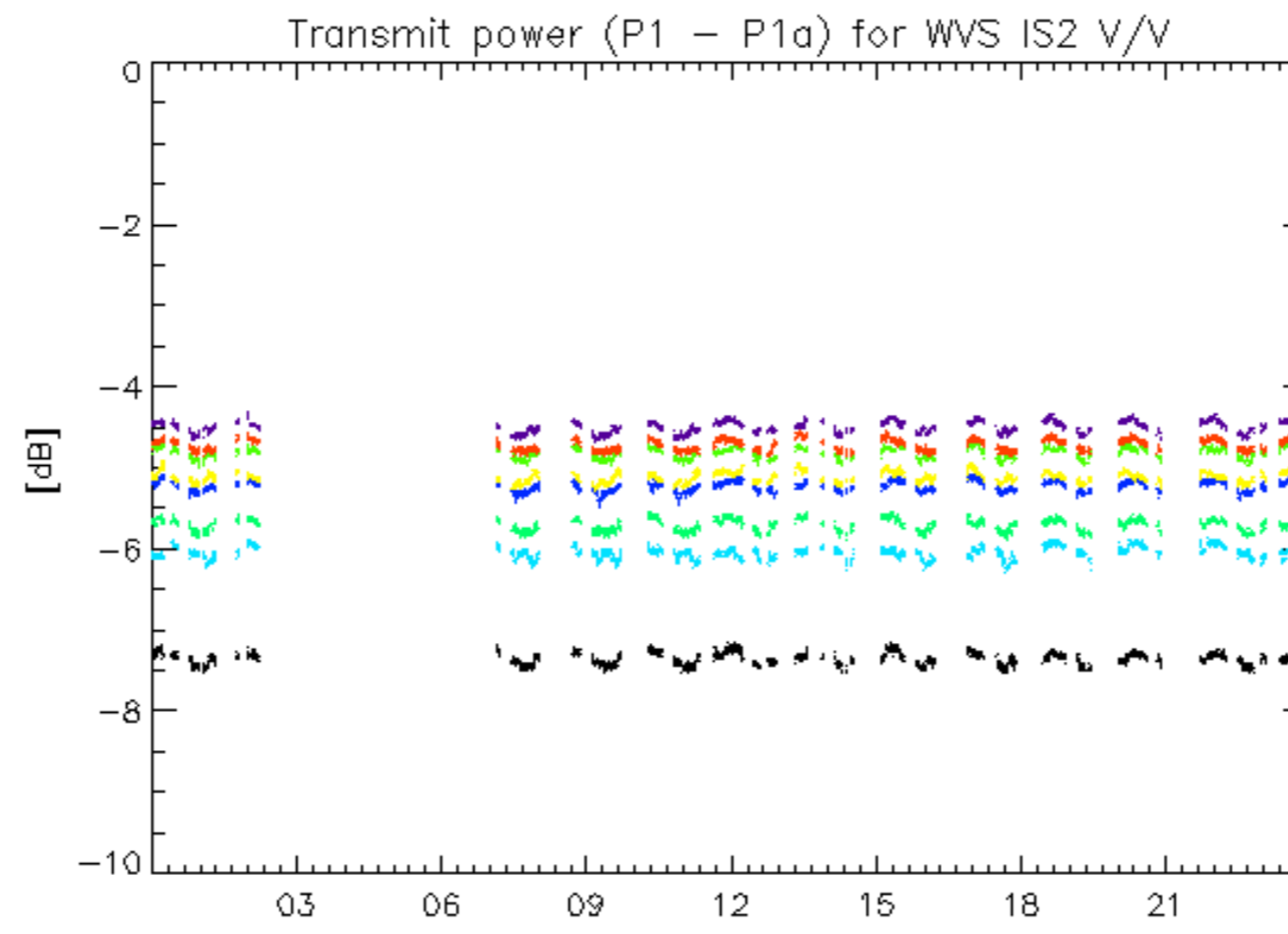


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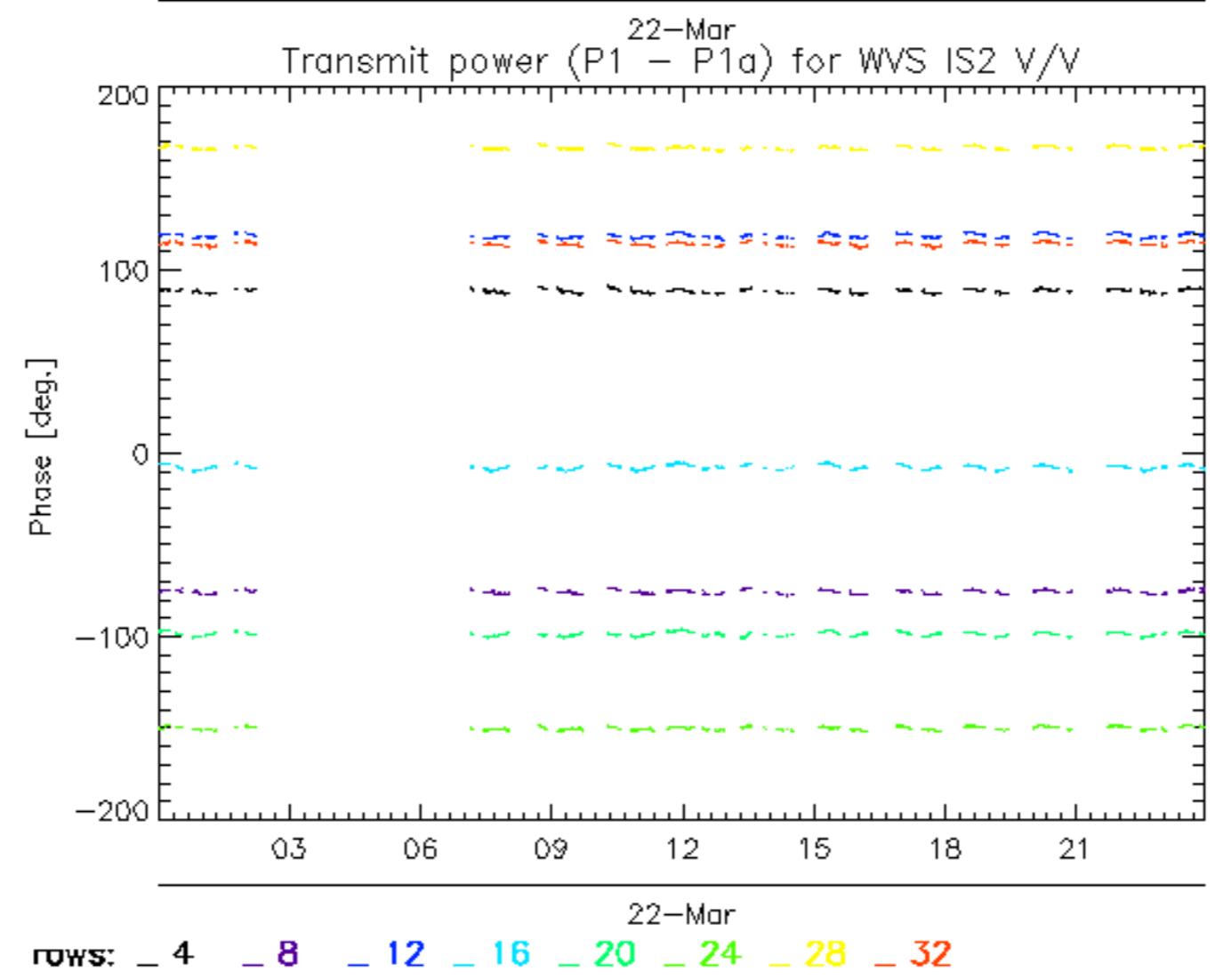
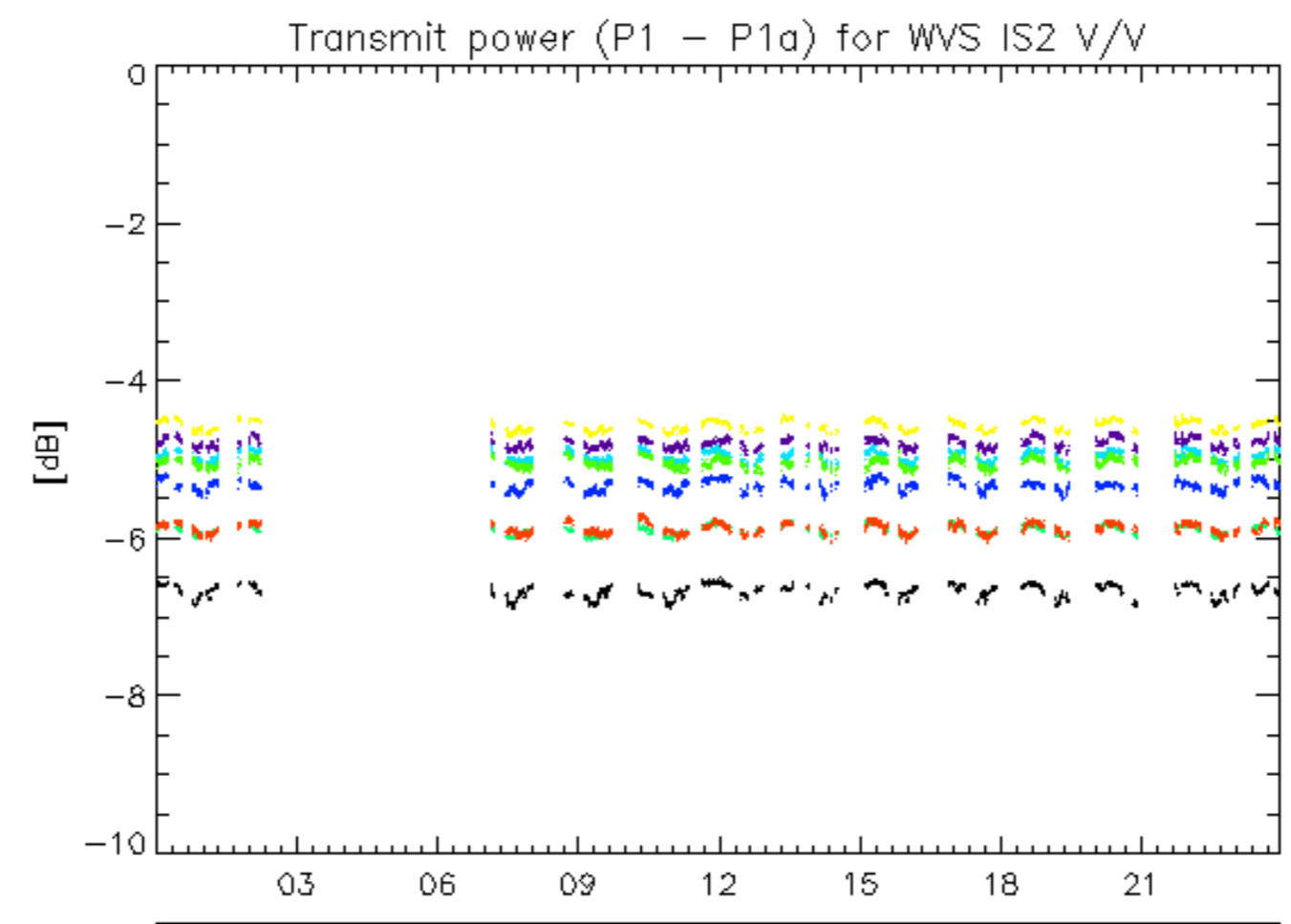


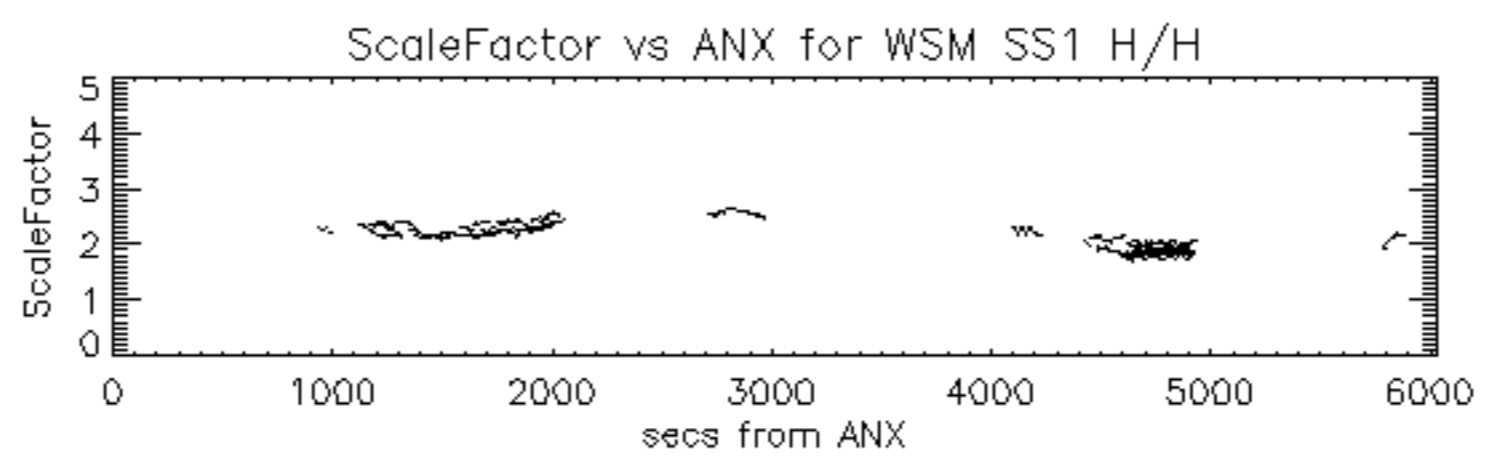


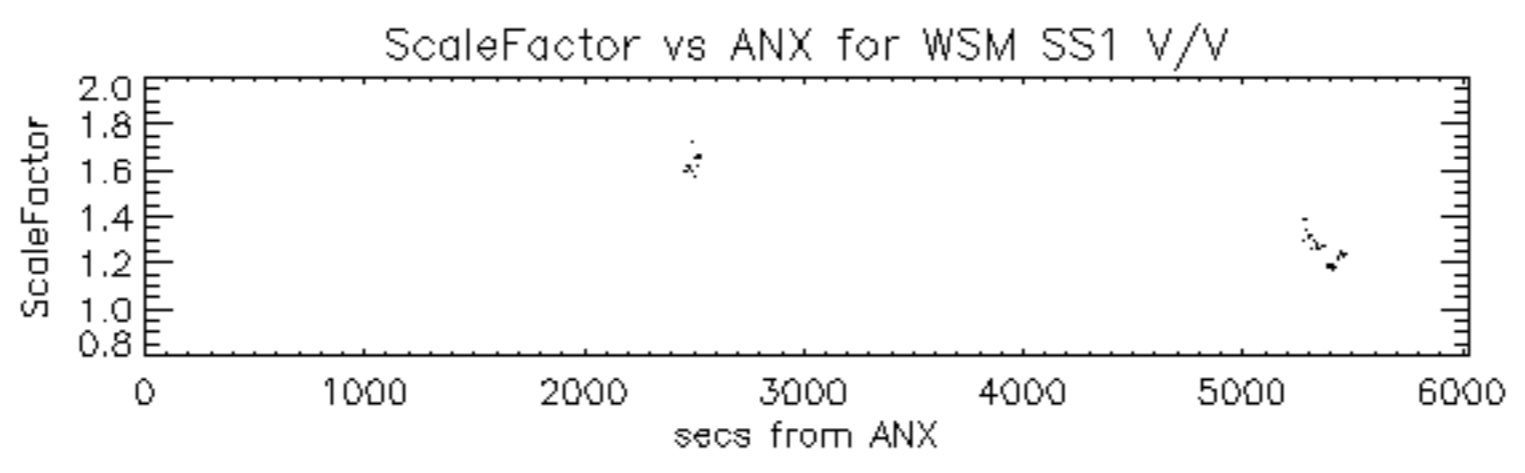


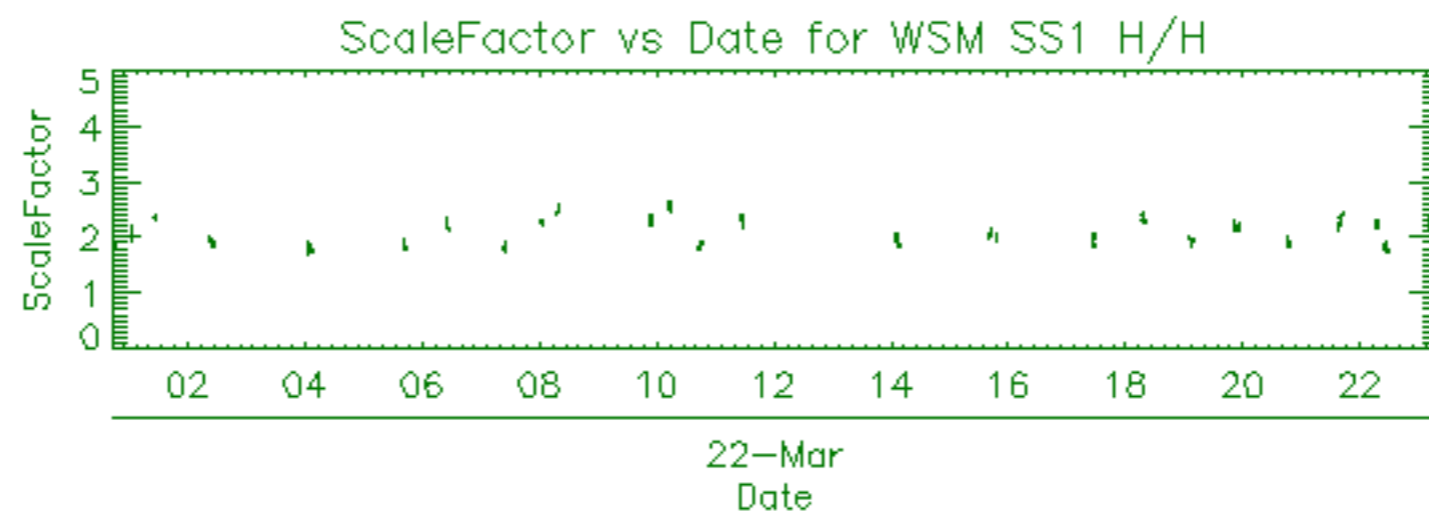


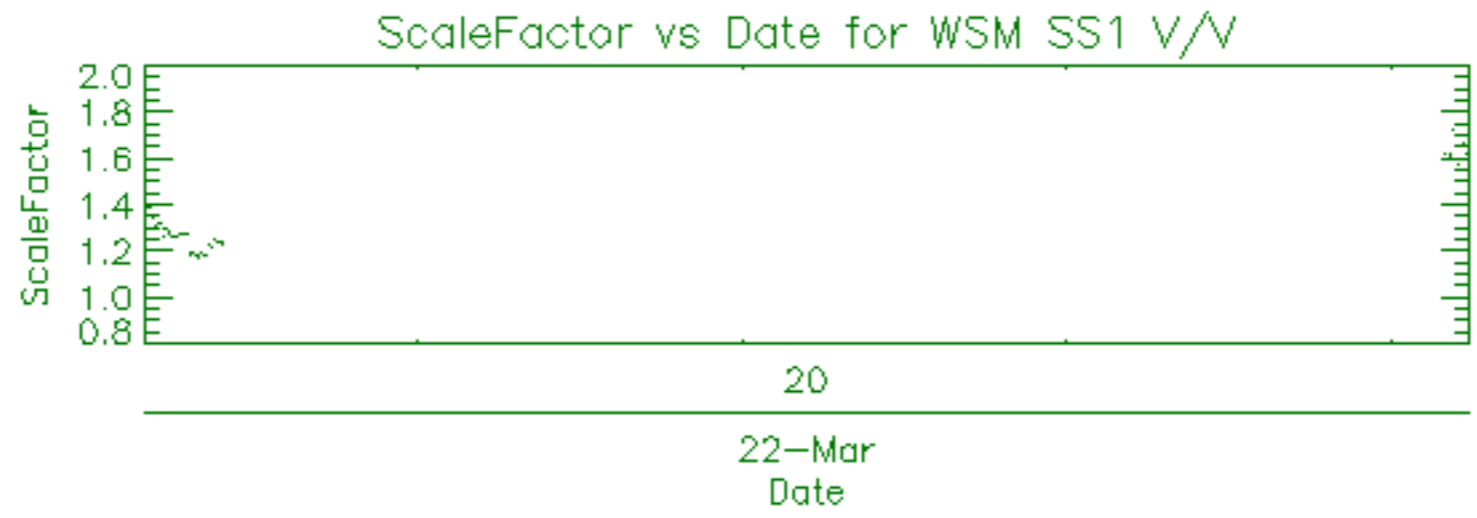
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20110322_133557_000000443100_00369_47366_7214.N1						IS4	V/H	100	47366	369	5.04
ASA_APM_1PNPDE20110322_161826_000000433100_00371_47368_7218.N1						IS7	V/H	100	47368	371	5.04
ASA_APM_1PNPDE20110322_182126_000000433100_00372_47369_7223.N1						IS7	H/H	100	47369	372	5.04

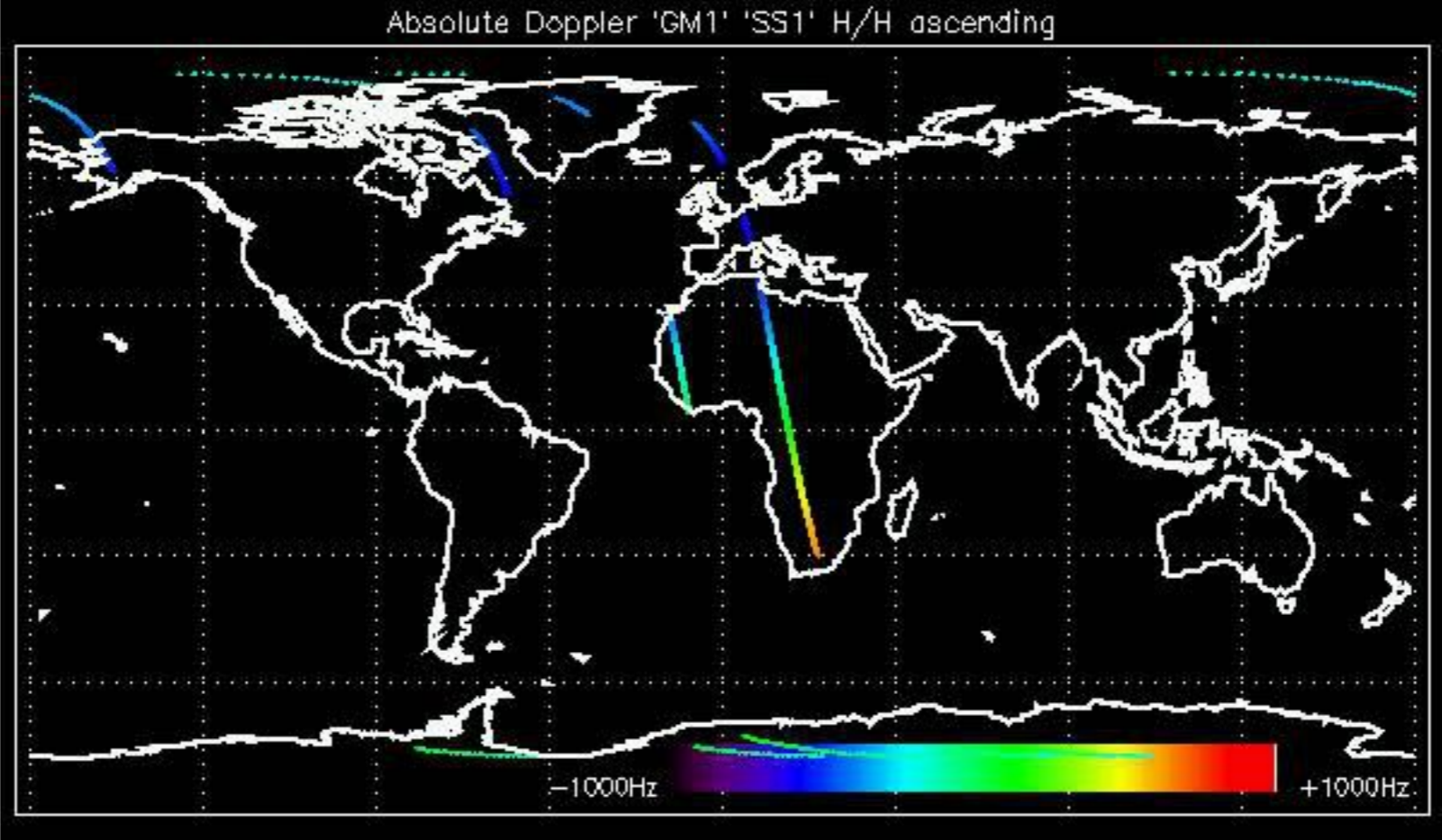
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20110321_235452_000003383100_00361_47358_7118.N1						SS1	H/H	100	47358	361	5.04
ASA_GM1_1PNPDE20110322_001545_000005313100_00361_47358_7120.N1						SS1	H/H	100	47358	361	5.04
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7123.N1						SS1	H/H	100	47358	361	5.04
ASA_GM1_1PNPDE20110322_003319_000005863100_00361_47358_7124.N1						SS1	H/H	100	47358	361	5.04
ASA_GM1_1PNPDE20110322_012024_000002713100_00362_47359_7138.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDE20110322_012806_000010333100_00362_47359_7140.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDE20110322_014909_000000903100_00362_47359_7139.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDE20110322_015232_000003143100_00362_47359_7143.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDE20110322_020059_000000723100_00362_47359_7145.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDE20110322_021329_000005193100_00362_47359_7149.N1						SS1	H/H	100	47359	362	5.04
ASA_GM1_1PNPDK20110322_071411_000005073100_00365_47362_0211.N1						SS1	H/H	100	47362	365	5.04
ASA_GM1_1PNPDK20110322_080256_000006953100_00366_47363_0213.N1						SS1	H/H	100	47363	366	5.04
ASA_GM1_1PNPDE20110322_195740_000001993100_00373_47370_7224.N1						SS1	H/H	100	47370	373	5.04
ASA_GM1_1PNPDE20110322_203603_000005013100_00373_47370_7228.N1						SS1	H/H	100	47370	373	5.04
ASA_GM1_1PNPDE20110322_205858_000011363100_00373_47370_7243.N1						SS1	H/H	100	47370	373	5.04
ASA_GM1_1PNPDE20110322_212011_000000963100_00374_47371_7242.N1						SS1	H/H	100	47371	374	5.04
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ASA_GM1_1PNPDE20110322_213216_000002833100_00374_47371_7253.N1						SS1	H/H	100	47371	374	5.04
ASA_GM1_1PNPDE20110322_221841_000003503100_00374_47371_7249.N1						SS1	H/H	100	47371	374	5.04
ASA_GM1_1PNPDE20110322_224846_000004043100_00375_47372_7262.N1						SS1	H/H	100	47372	375	5.04
ASA_GM1_1PNPDE20110322_230858_000000783100_00375_47372_7264.N1						SS1	H/H	100	47372	375	5.04
ASA_GM1_1PNPDE20110322_231904_000001323100_00375_47372_7266.N1						SS1	H/H	100	47372	375	5.04
ASA_GM1_1PNPDE20110322_233847_000001443100_00375_47372_7268.N1						SS1	H/H	100	47372	375	5.04
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ASA_GM1_1PNPDE20110322_234726_000000663100_00375_47372_7270.N1						SS1	H/H	100	47372	375	5.04
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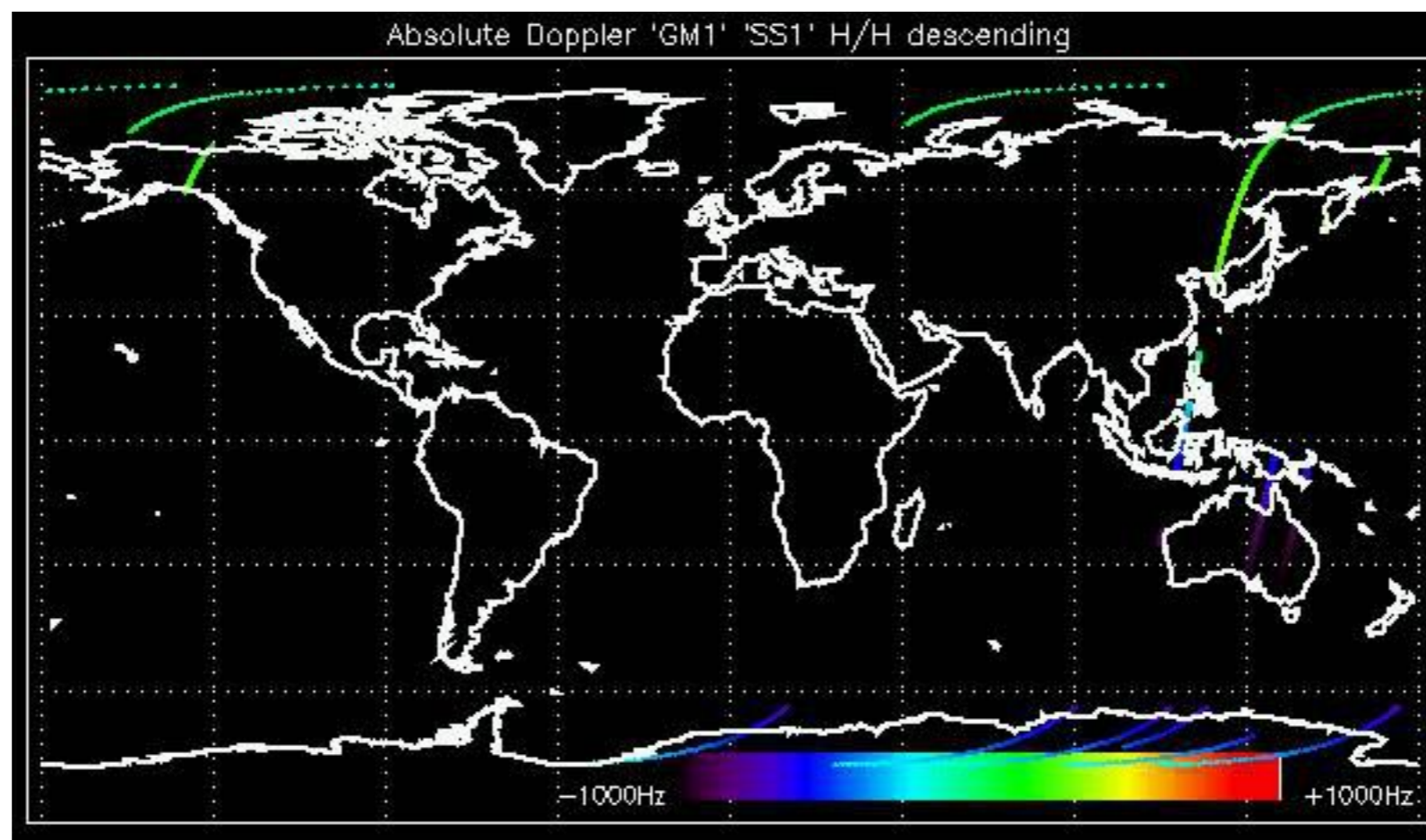
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ASA_IMM_1PNPDE20110322_043238_000000523100_00364_47361_7168.N1						IS6	H/H	100	47361	364	5.04
ASA_IMM_1PNPDE20110322_061523_000001123100_00365_47362_7170.N1						IS6	H/H	100	47362	365	5.04
ASA_IMM_1PNPDE20110322_161414_000000383100_00371_47368_7217.N1						IS4	V/V	100	47368	371	5.04
ASA_IMM_1PNPDE20110322_182238_000001433100_00372_47369_7222.N1						IS6	H/H	100	47369	372	5.04
ASA_IMM_1PNPDE20110322_234851_000000223100_00375_47372_7281.N1						IS3	H/H	100	47372	375	5.04

Filename	Pol	Timestamp	count(Module)				
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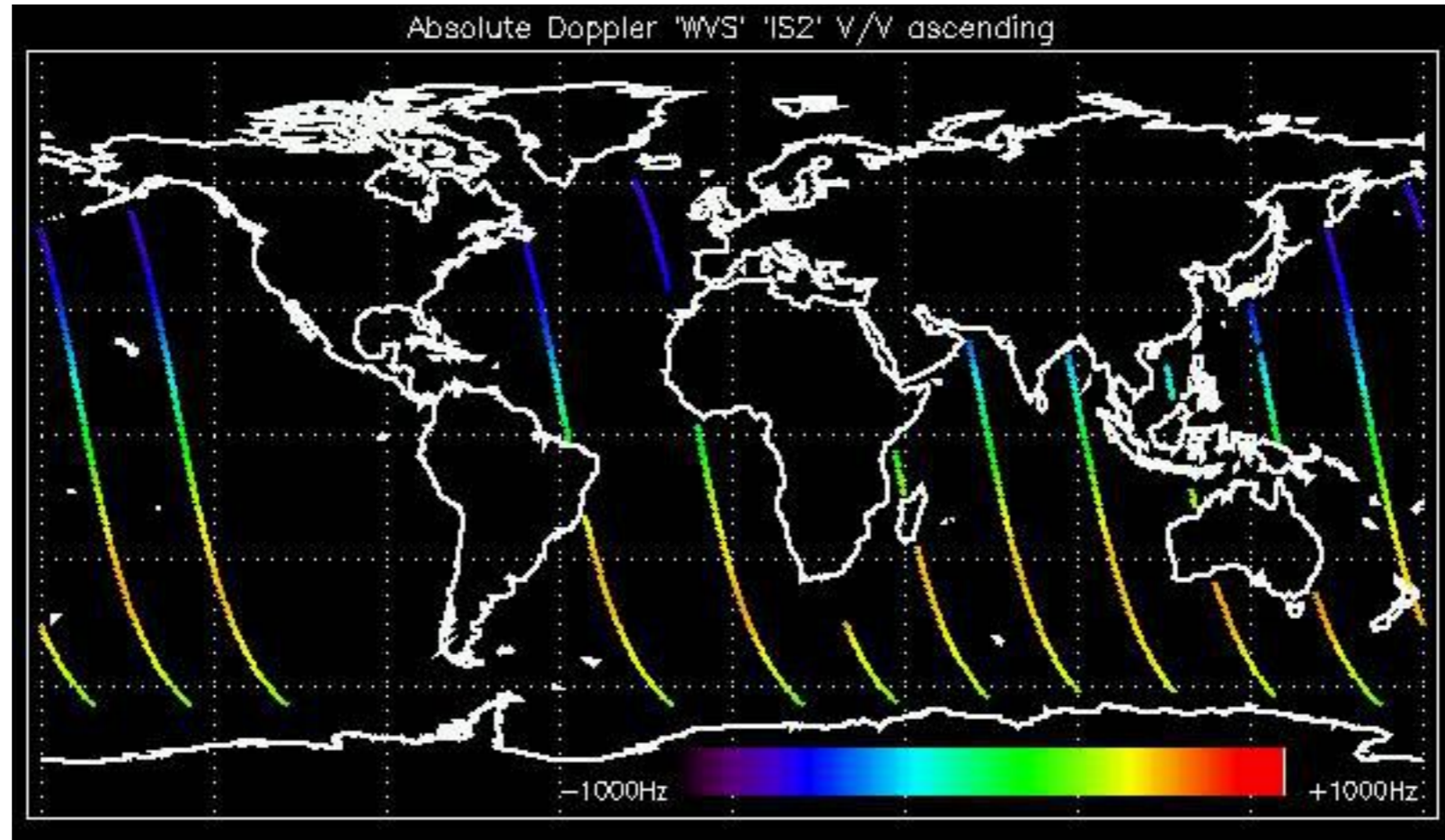
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20110322_010049_000001353100_00361_47358_7134.N1						SS1	H/H	100	47358	361	5.04
ASA_WSM_1PNPDE20110322_012500_000001843100_00362_47359_7142.N1						SS1	H/H	100	47359	362	5.04
ASA_WSM_1PNPDE20110322_022233_000002753100_00362_47359_7156.N1						SS1	H/H	100	47359	362	5.04
ASA_WSM_1PNPDE20110322_040148_000003303100_00363_47360_7167.N1						SS1	H/H	100	47360	363	5.04
ASA_WSM_1PNPDE20110322_054001_000002143100_00364_47361_7169.N1						SS1	H/H	100	47361	364	5.04
ASA_WSM_1PNPDE20110322_062412_000002263100_00365_47362_7171.N1						SS1	H/H	100	47362	365	5.04
ASA_WSM_1PNPDK20110322_072244_000002143100_00365_47362_0231.N1						SS1	H/H	100	47362	365	5.04
ASA_WSM_1PNPDK20110322_080120_000000923100_00366_47363_0232.N1						SS1	H/H	100	47363	366	5.04
ASA_WSM_1PNPDK20110322_081734_000001533100_00366_47363_0233.N1						SS1	H/H	100	47363	366	5.04
ASA_WSM_1PNPDE20110322_095229_000002143100_00367_47364_7174.N1						SS1	H/H	100	47364	367	5.04
ASA_WSM_1PNPDE20110322_101119_000002693100_00367_47364_7176.N1						SS1	H/H	100	47364	367	5.04
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ASA_WSM_1PNPDE20110322_112543_000001713100_00368_47365_7191.N1						SS1	H/H	100	47365	368	5.04
ASA_WSM_1PNPDE20110322_140343_000003003100_00369_47366_7215.N1						SS1	H/H	100	47366	369	5.04
ASA_WSM_1PNPDE20110322_154037_000001903100_00370_47367_7216.N1						SS1	H/H	100	47367	370	5.04
ASA_WSM_1PNPDE20110322_154645_000001533100_00370_47367_7213.N1						SS1	H/H	100	47367	370	5.04
ASA_WSM_1PNPDE20110322_172518_000002513100_00371_47368_7219.N1						SS1	H/H	100	47368	371	5.04
ASA_WSM_1PNPDE20110322_181603_000002883100_00372_47369_7221.N1						SS1	H/H	100	47369	372	5.04
ASA_WSM_1PNPDE20110322_190537_000002203100_00372_47369_7220.N1						SS1	H/H	100	47369	372	5.04
ASA_WSM_1PNPDE20110322_195009_000002143100_00373_47370_7238.N1						SS1	H/H	100	47370	373	5.04
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ASA_WSM_1PNPDE20110322_204429_000002813100_00373_47370_7235.N1						SS1	H/H	100	47370	373	5.04
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ASA_WSM_1PNPDE20110322_205522_000002143100_00373_47370_7237.N1						SS1	V/V	100	47370	373	5.04
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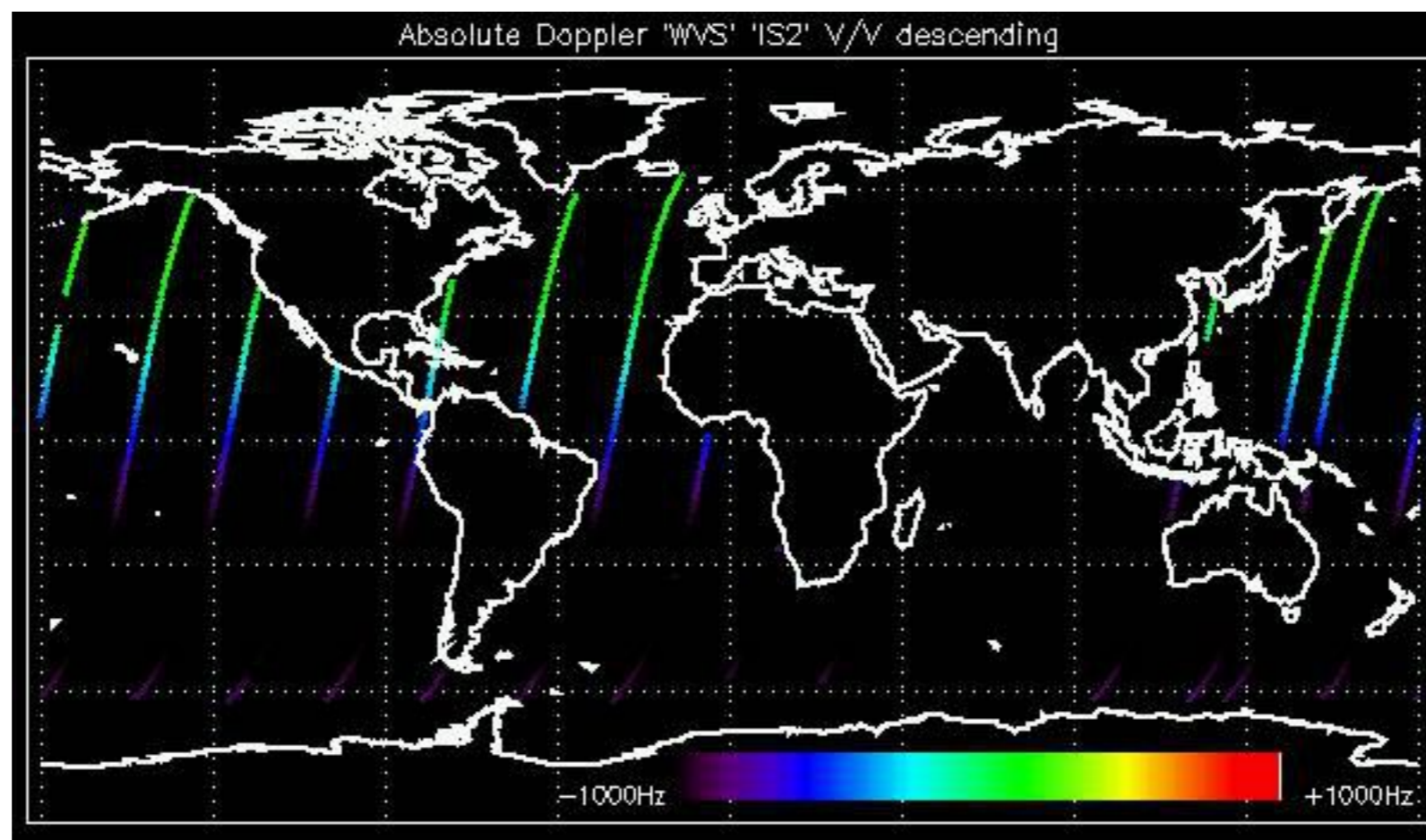
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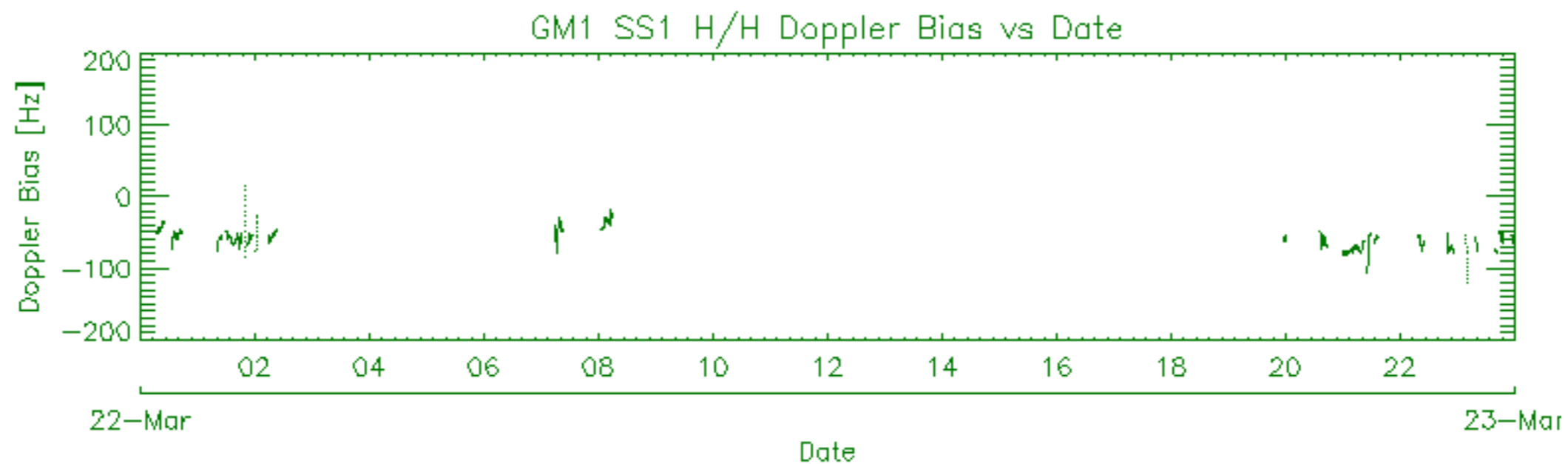
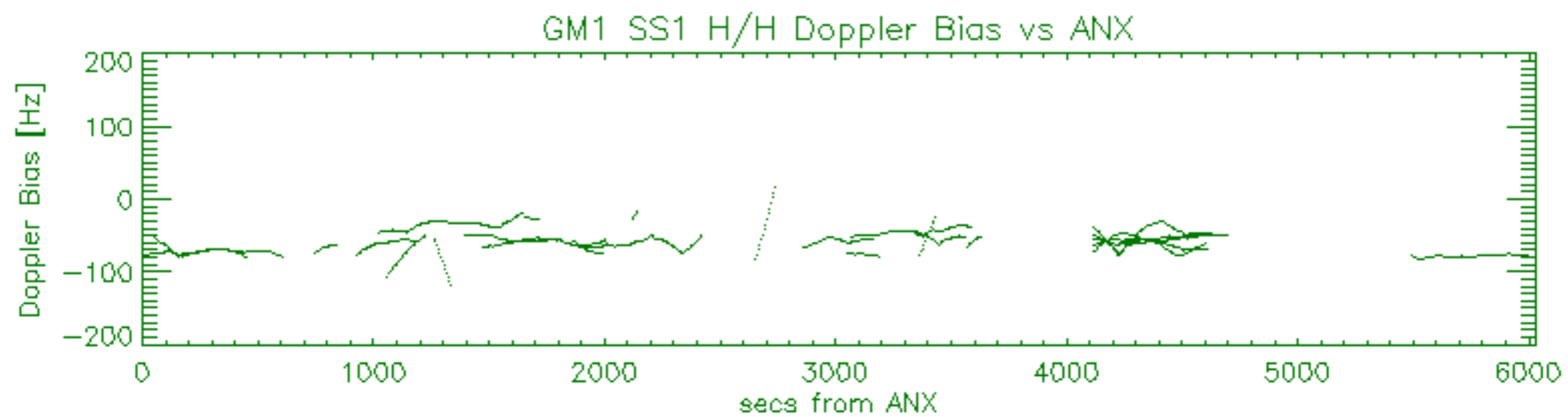
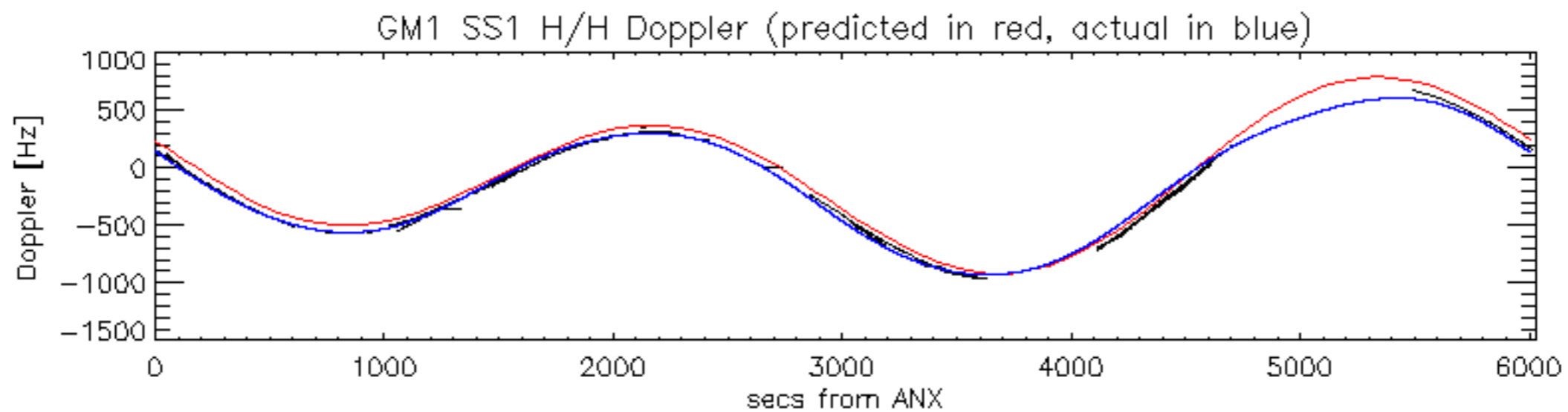


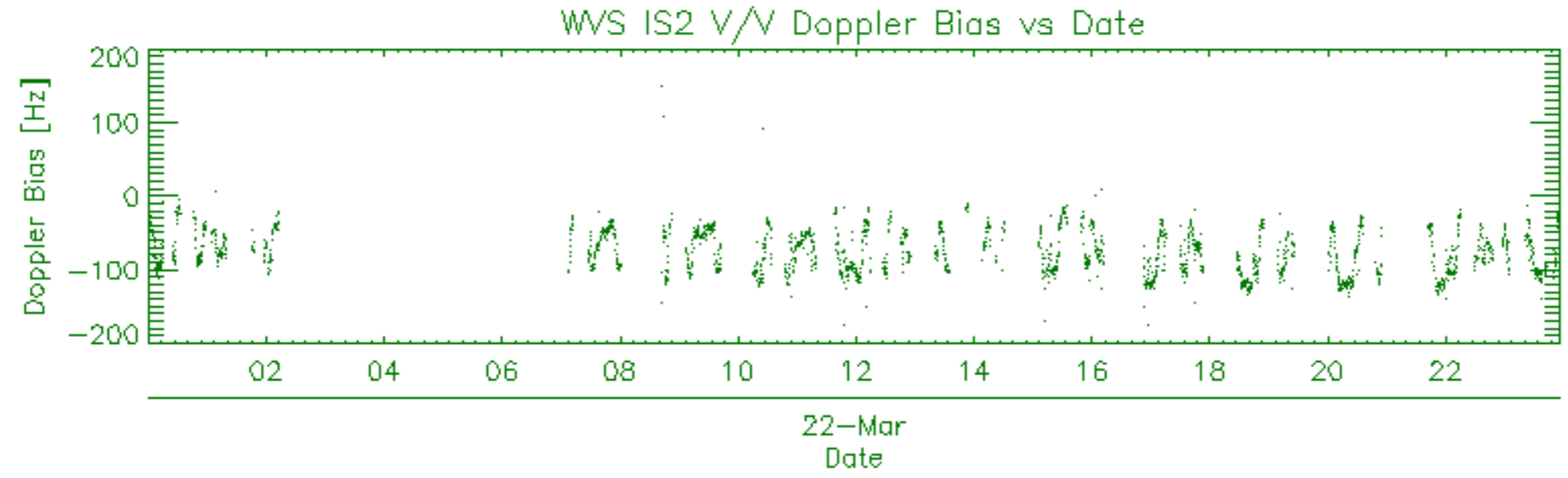
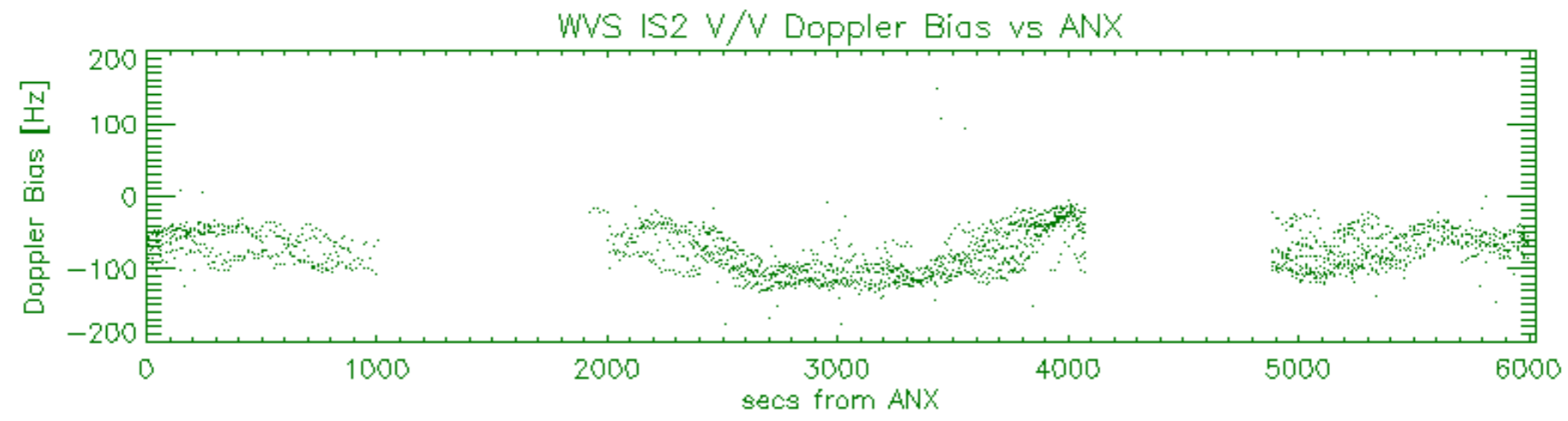
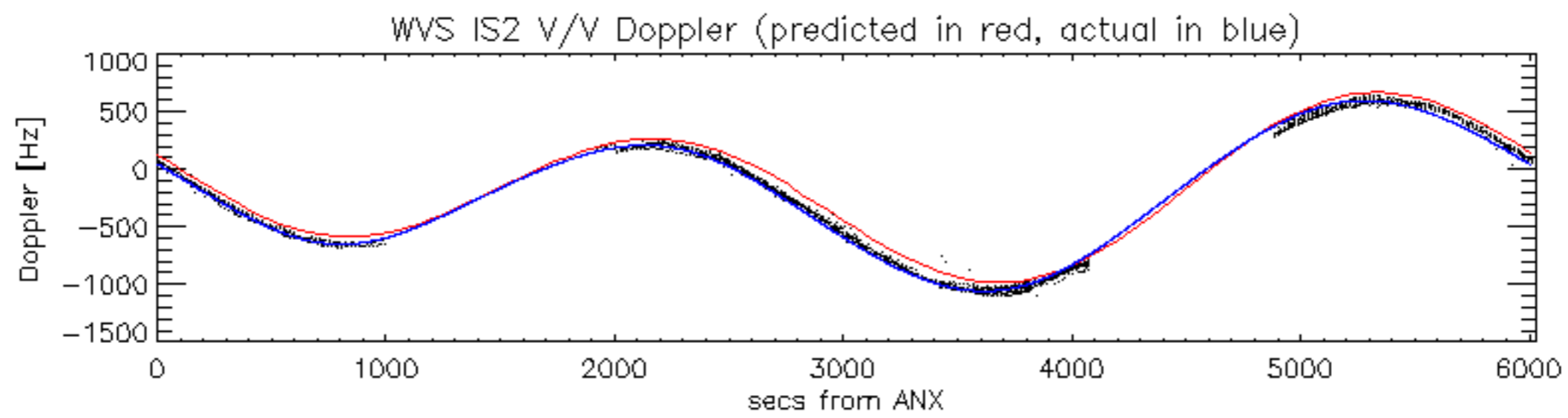


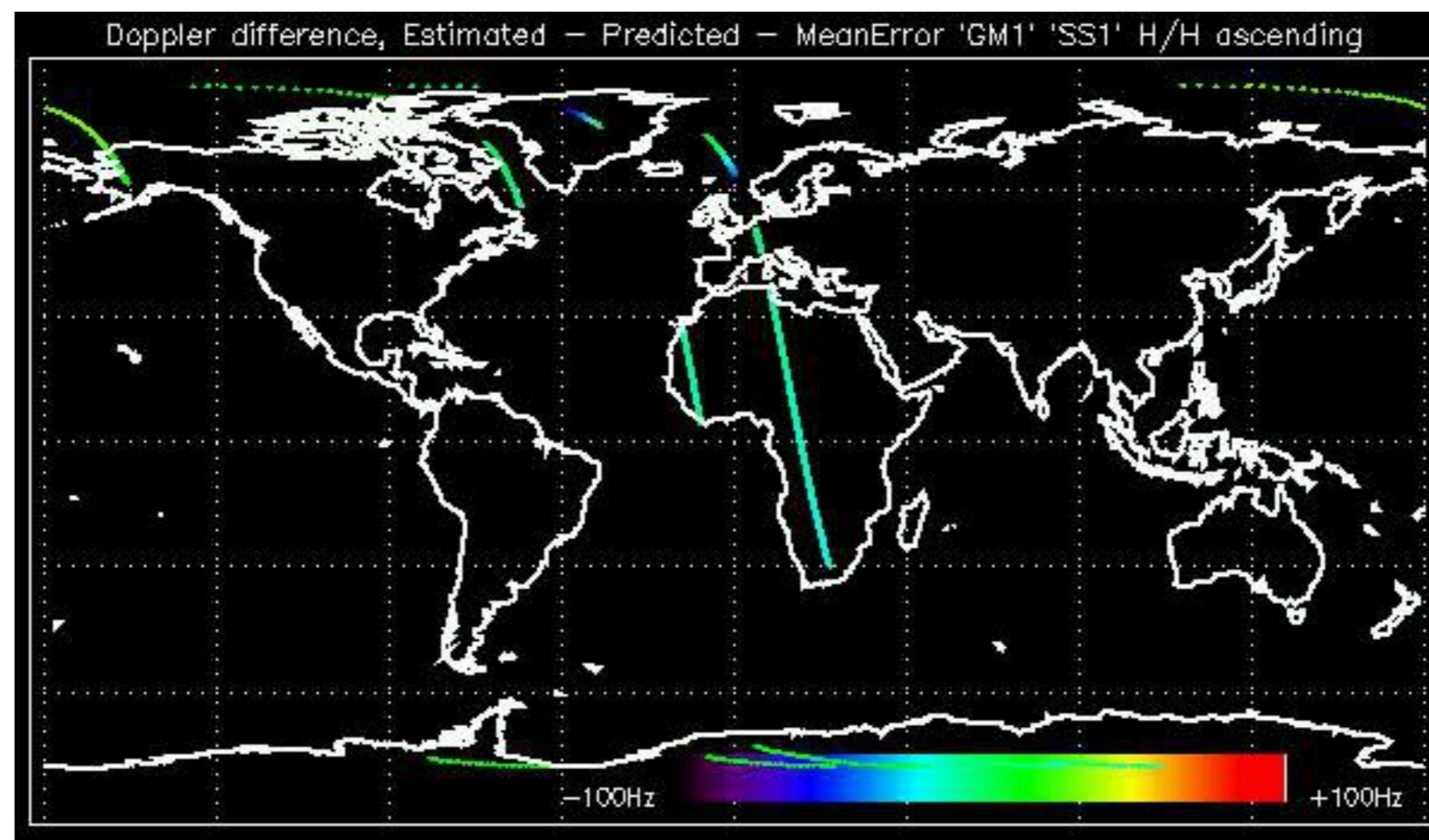


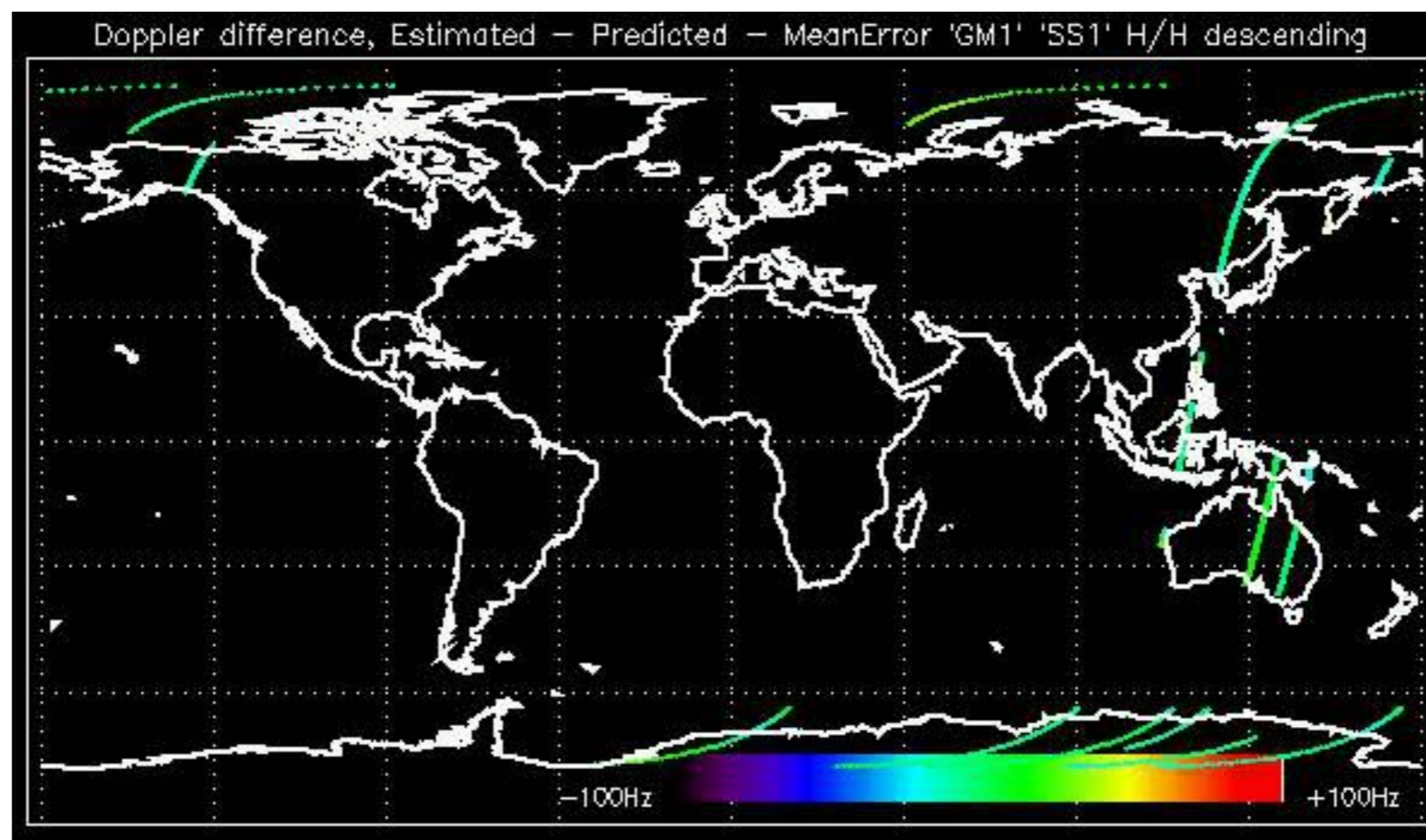


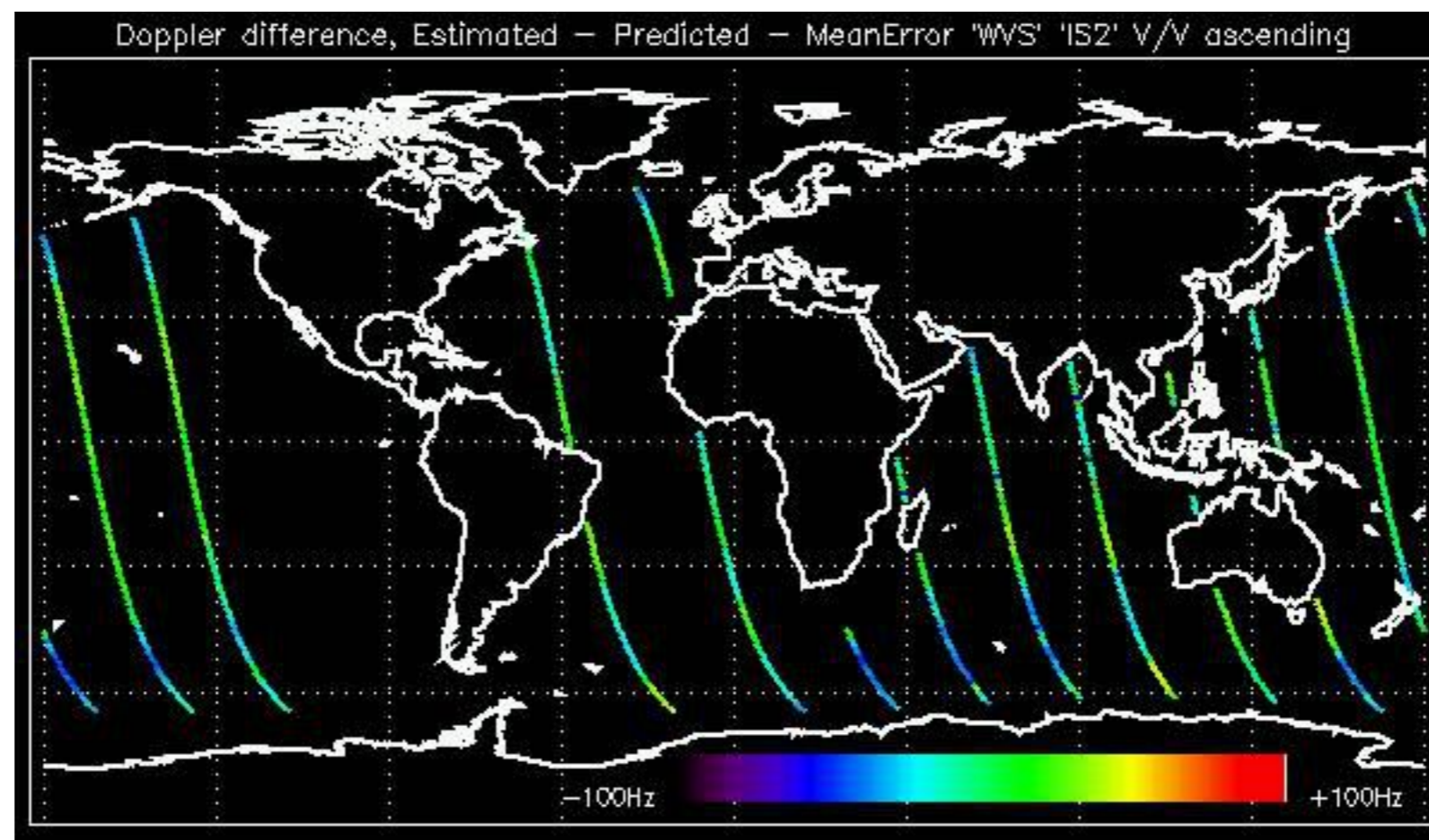


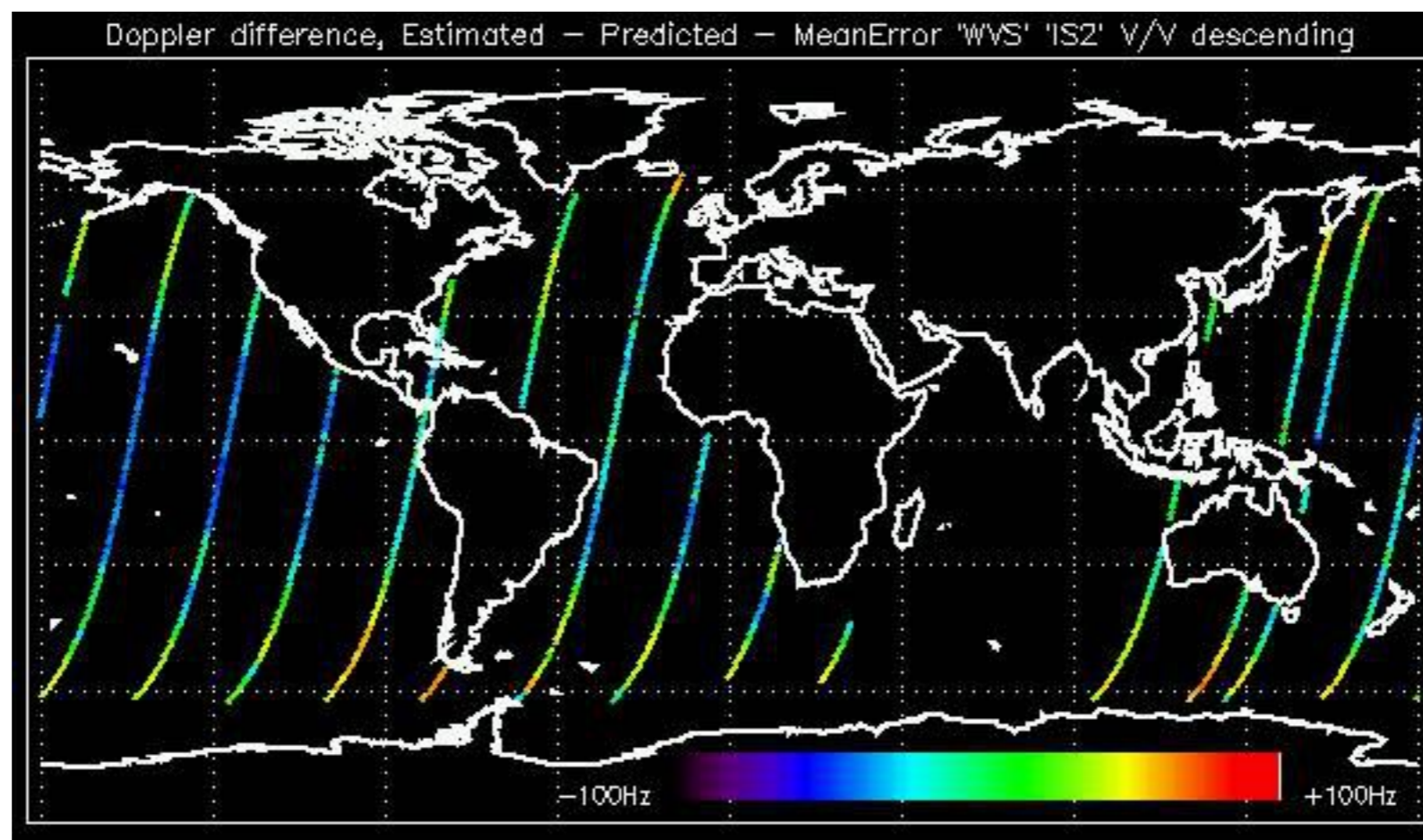




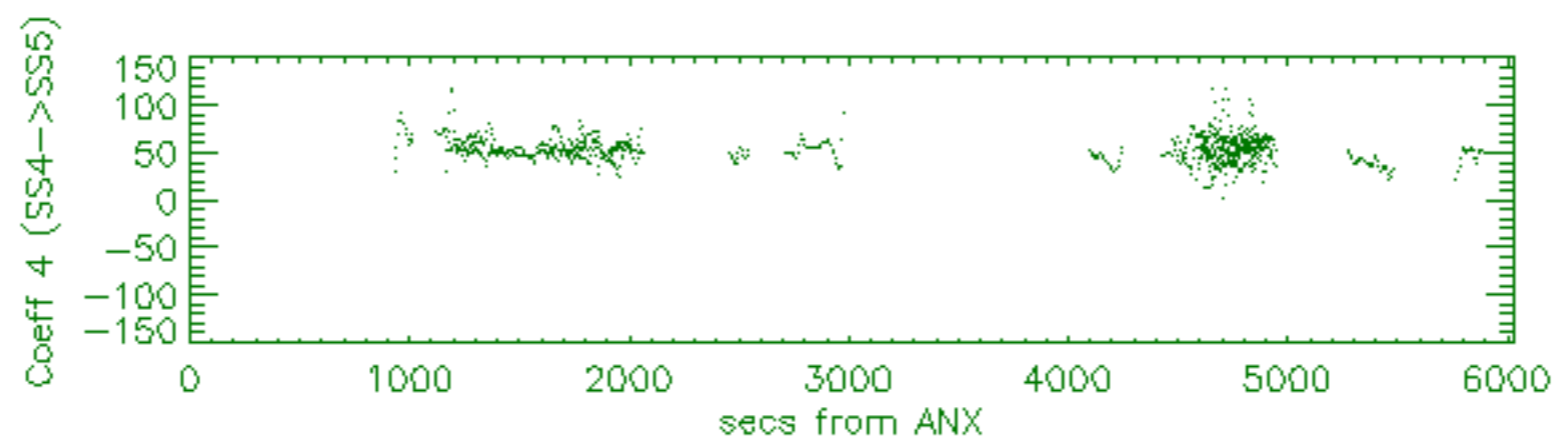
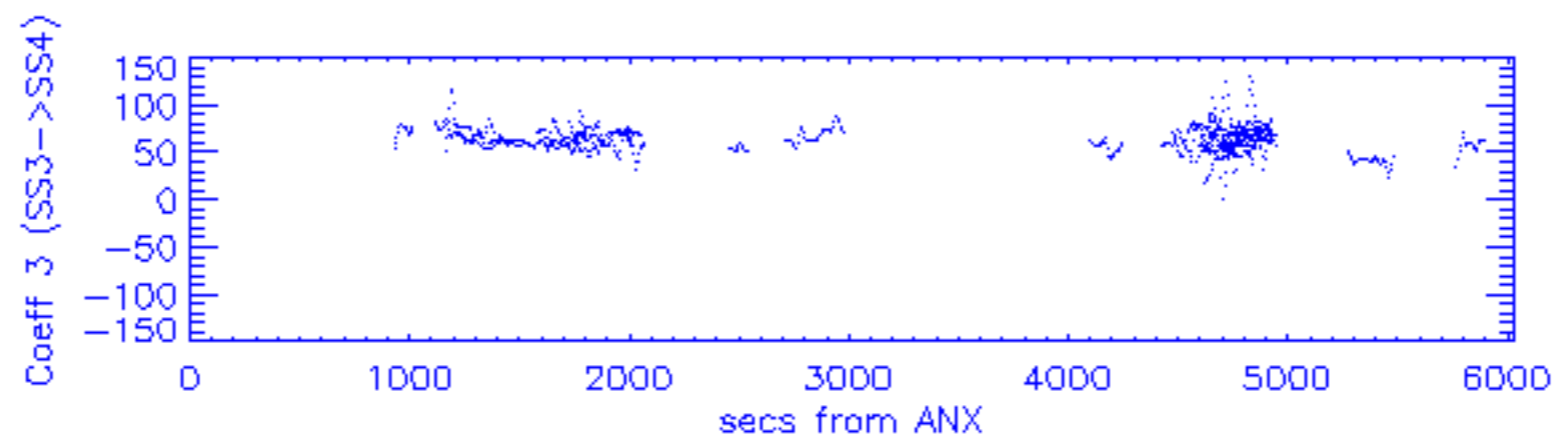
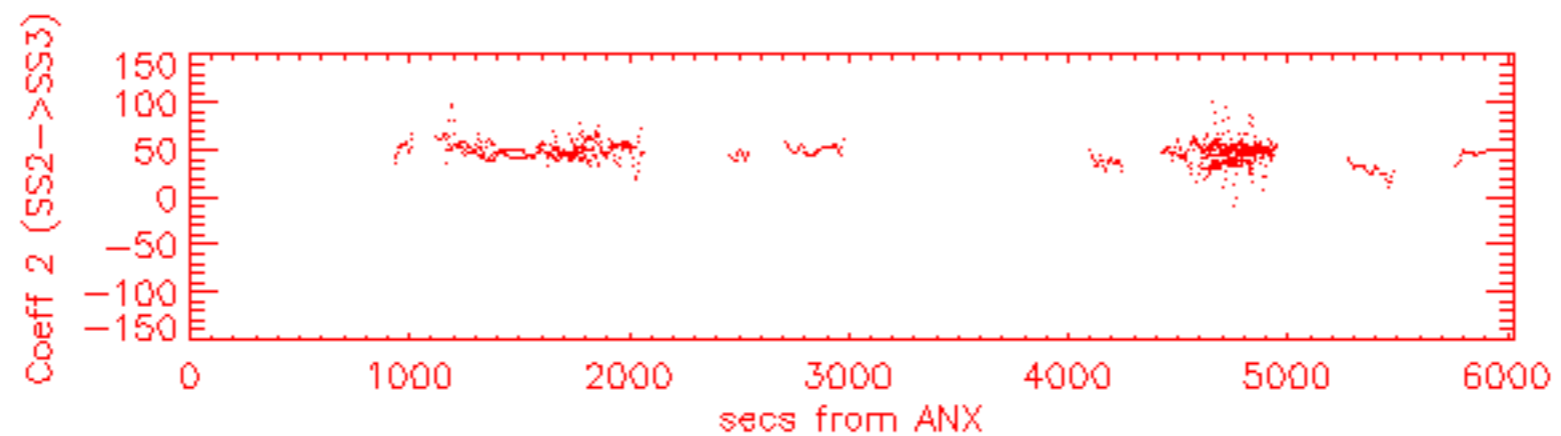
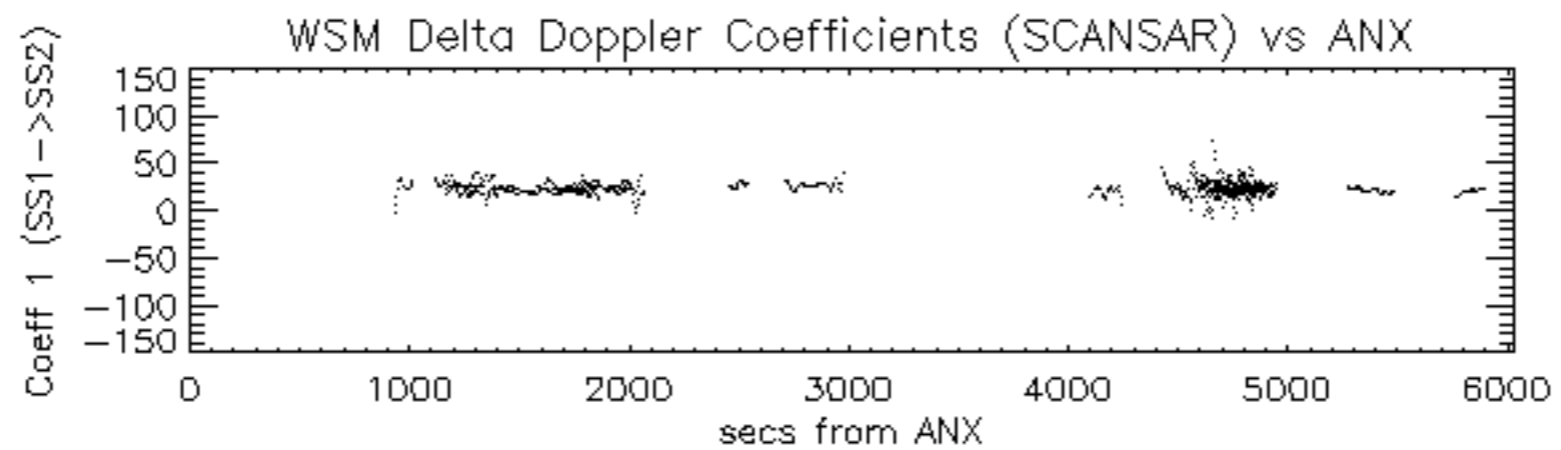


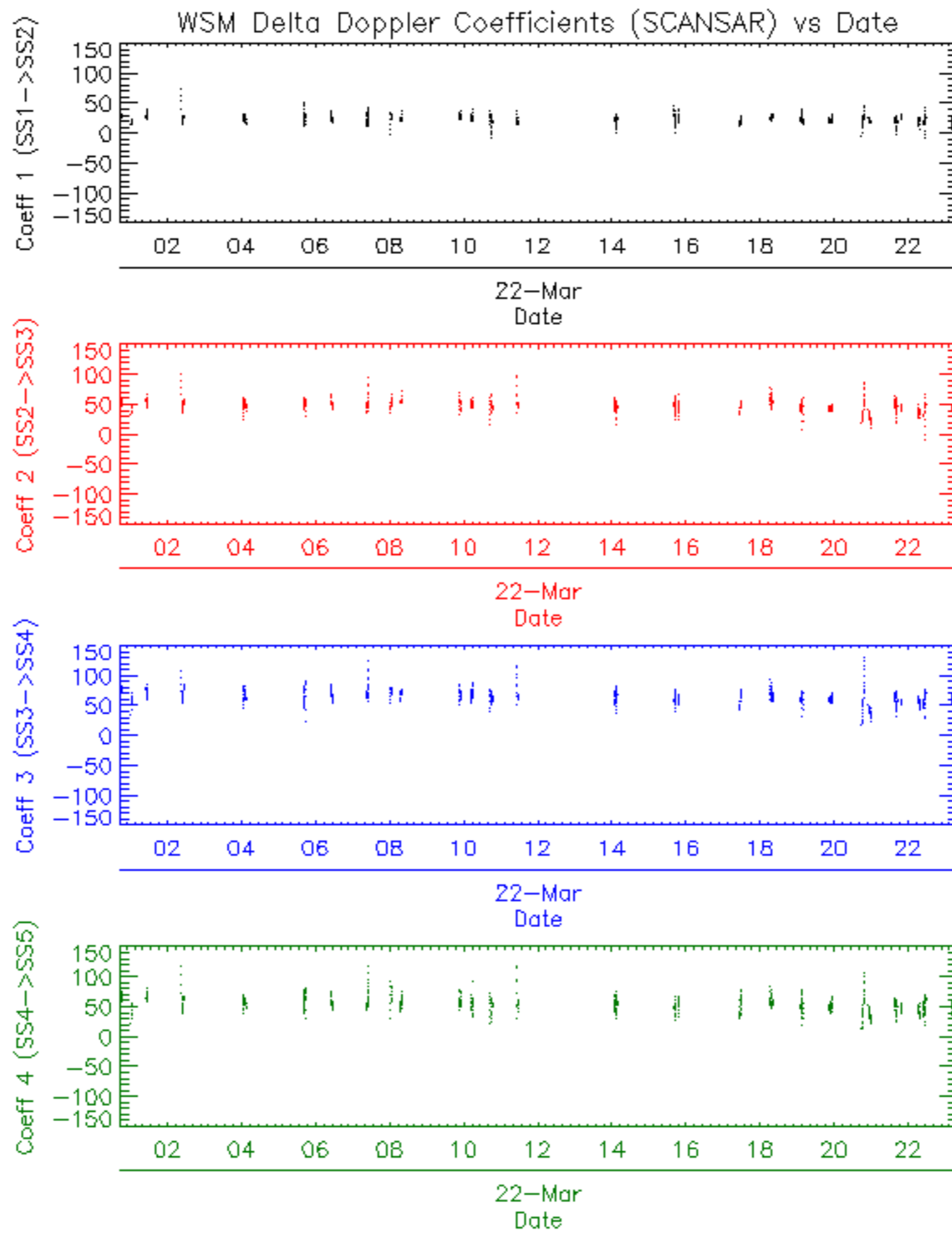




















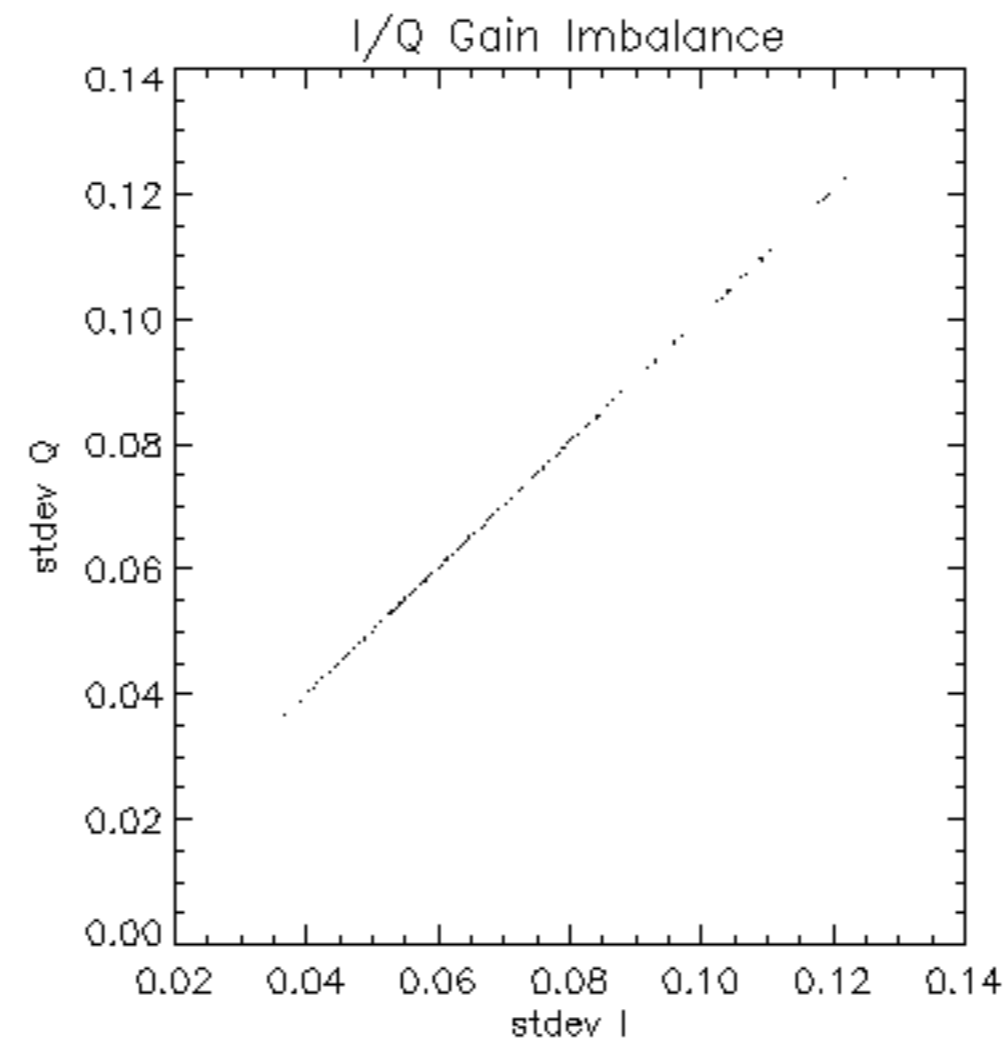


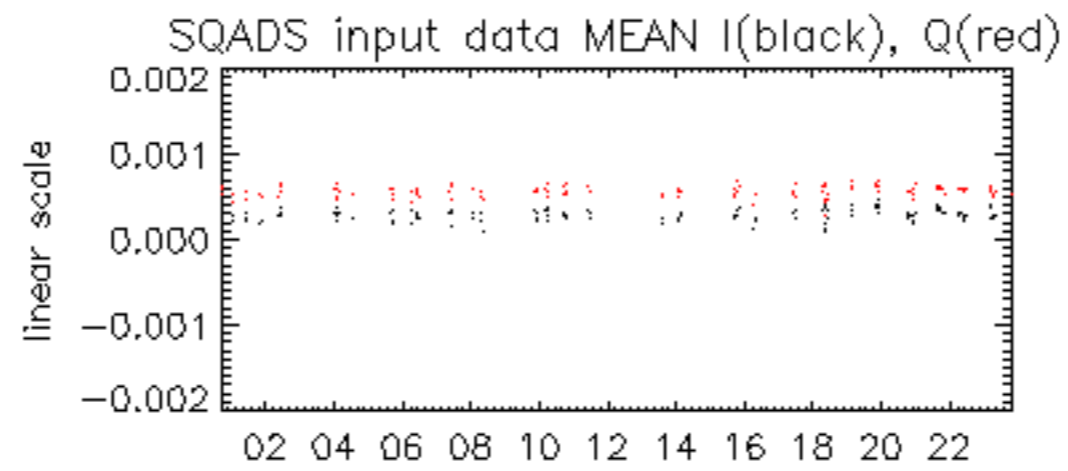




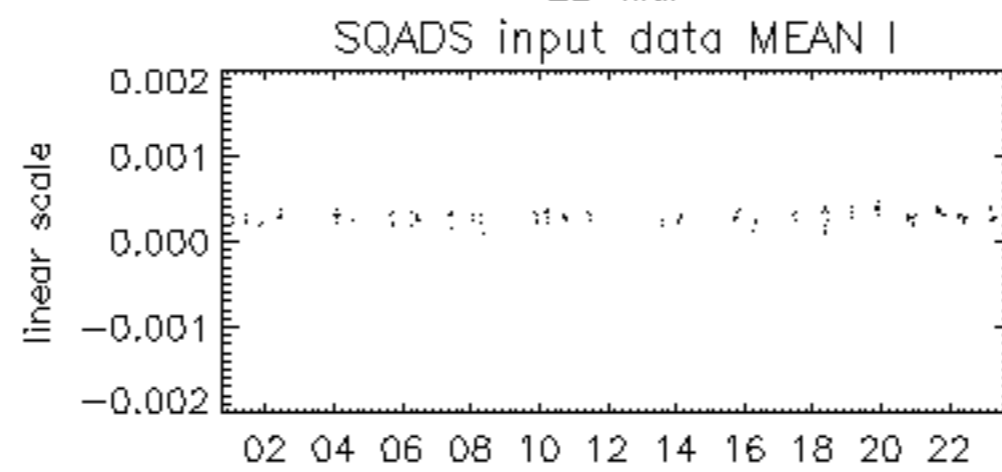




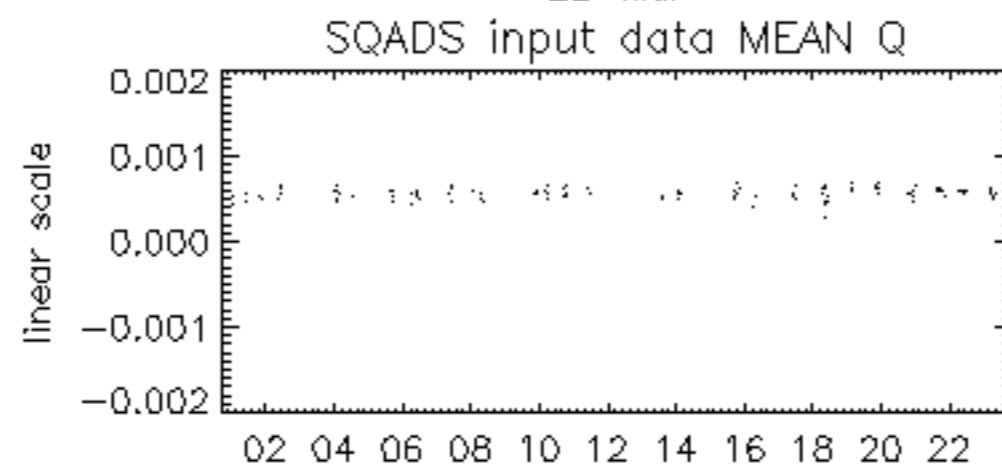




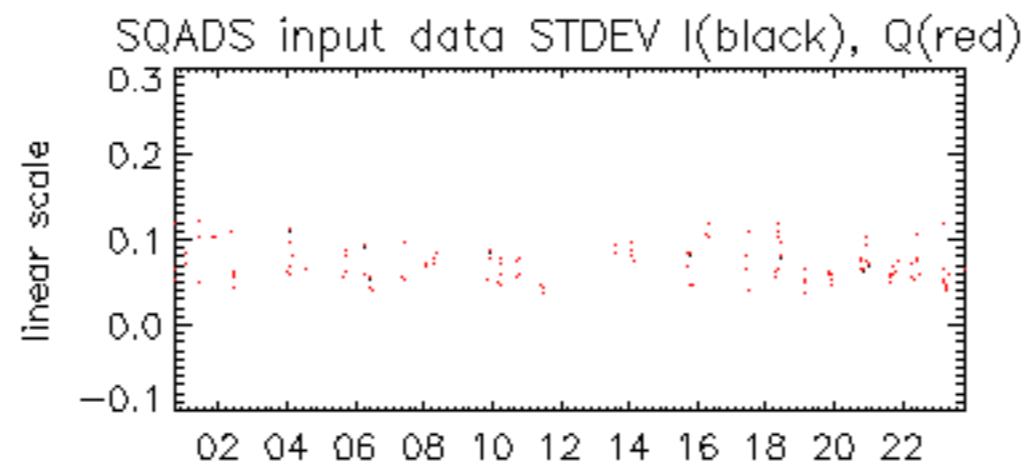
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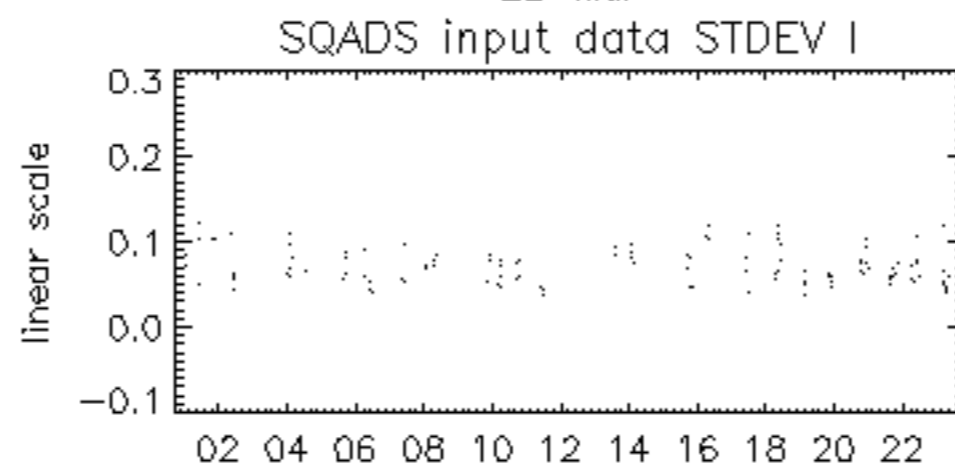
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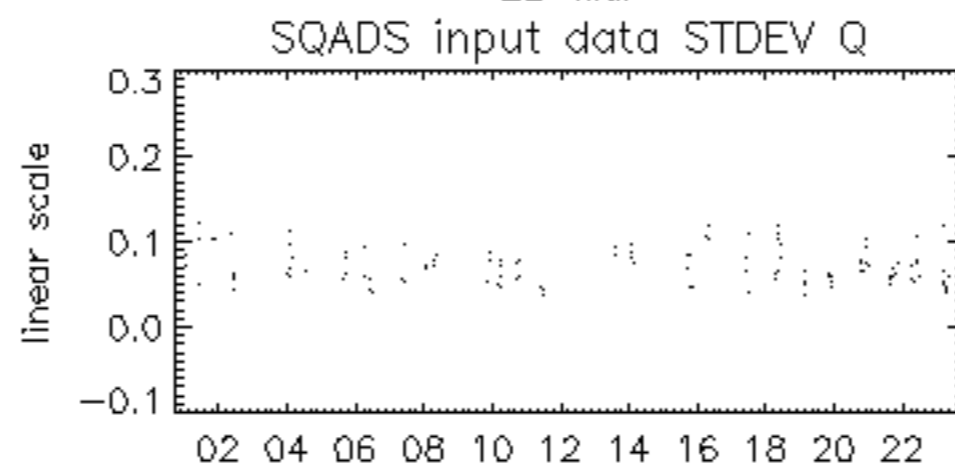
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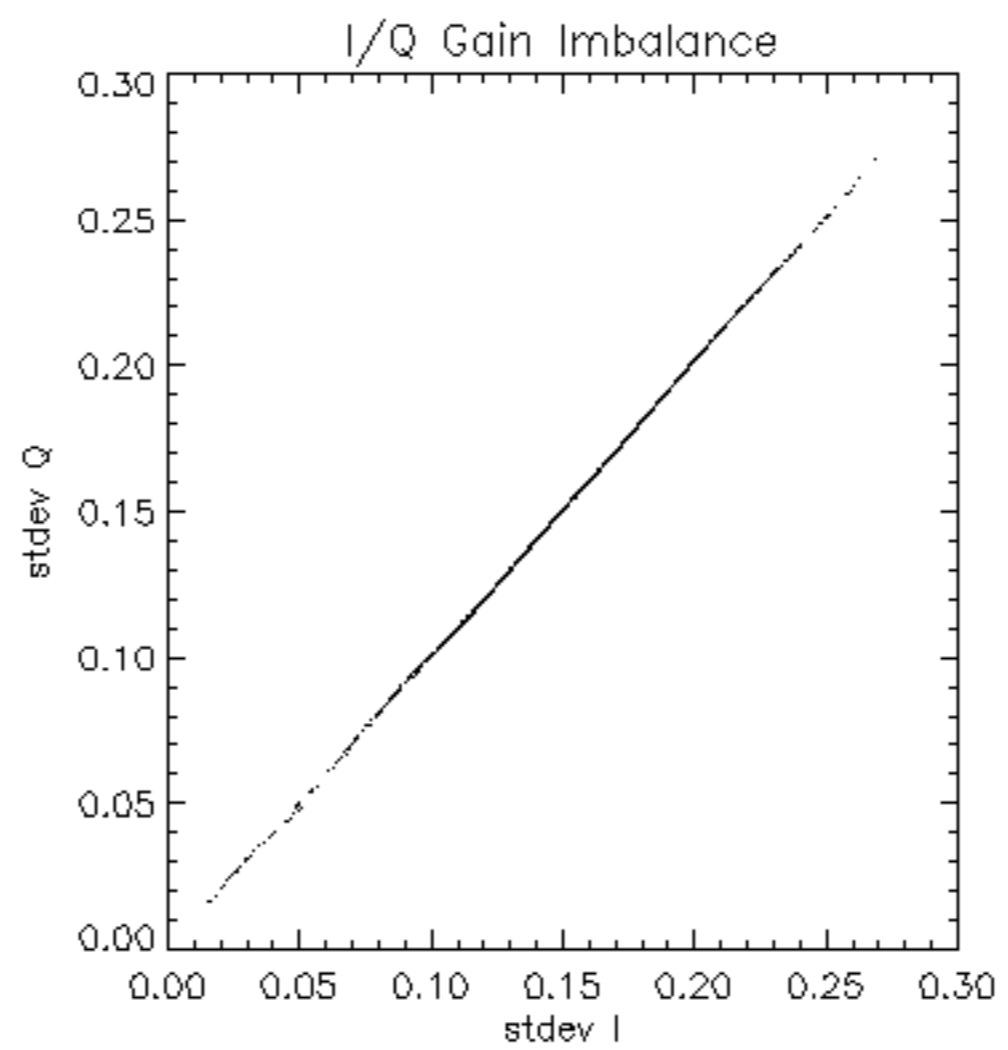
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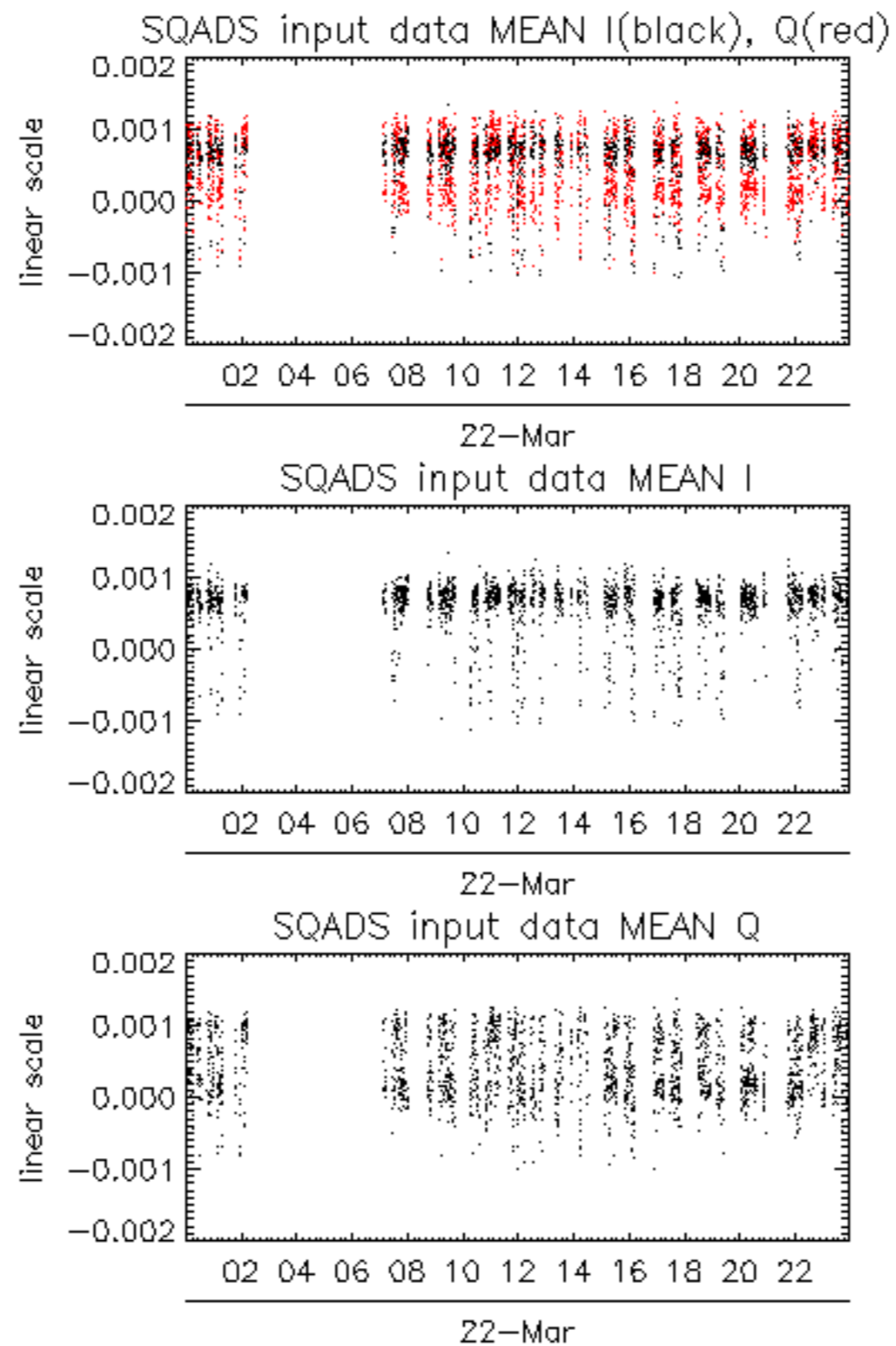


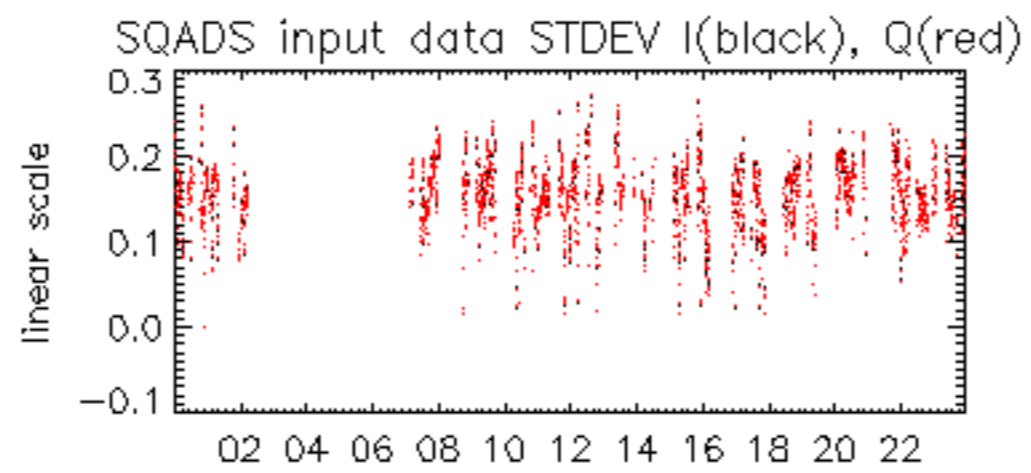
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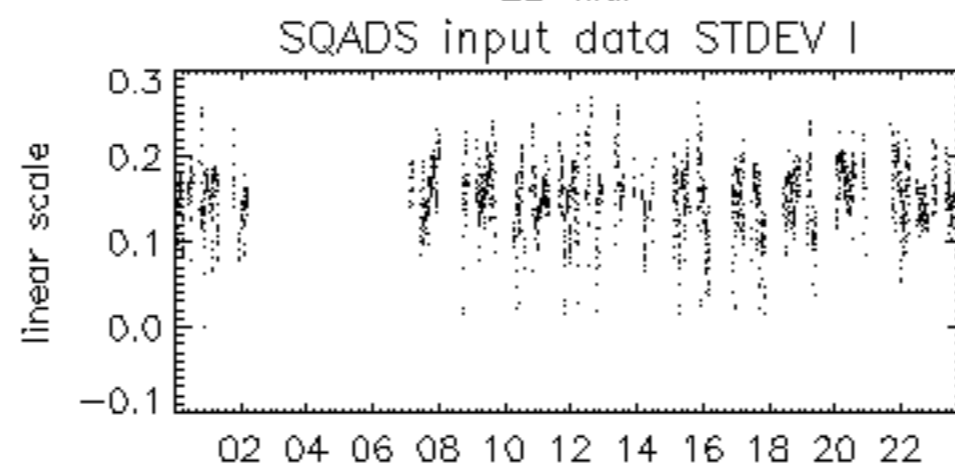
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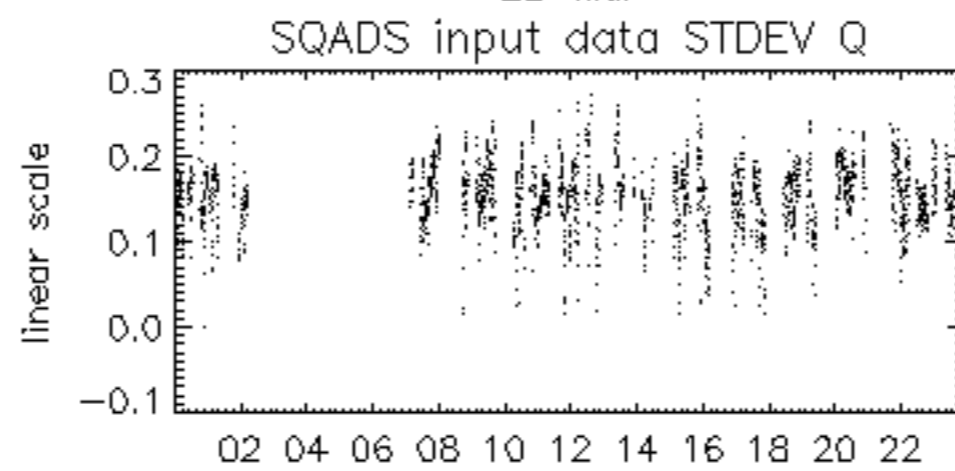




22-Mar



22-Mar



22-Mar





