



Analysis from 15-MAR-2010 00:00:00 to 15-MAR-2010 23:59:59. Page generated on 16-MAR-2010 08:32:34.  
View log file: ASAR\_Daily\_Report\_20100316\_0831.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	IS2	V/V	26	PDE	WS	H/H	25	PDE	IS1	H/H	1	PDE	IS2	H/H	1	PDE	WS	H/H	21	PDE	2010-03-15 05:00:20	H	320
PDK	IS2	V/V	22	PDK	WS	H/H	41	PDE	IS4	V/H	2	PDE	IS2	V/V	29	PDE	WS	V/V	4				
								PDE	IS6	H/H	2	PDE	IS4	V/V	1	PDK	WS	H/H	16				
								PDK	IS1	H/H	1	PDE	IS5	V/V	1	PDK	WS	V/V	2				
								PDK	IS4	H/H	1	PDK	IS2	H/H	1								
								PDK	IS6	H/H	1	PDK	IS2	V/V	3								

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100302_155508_20090501_000000_20101231_235959

### 2.2 - Products with wrong ADFs

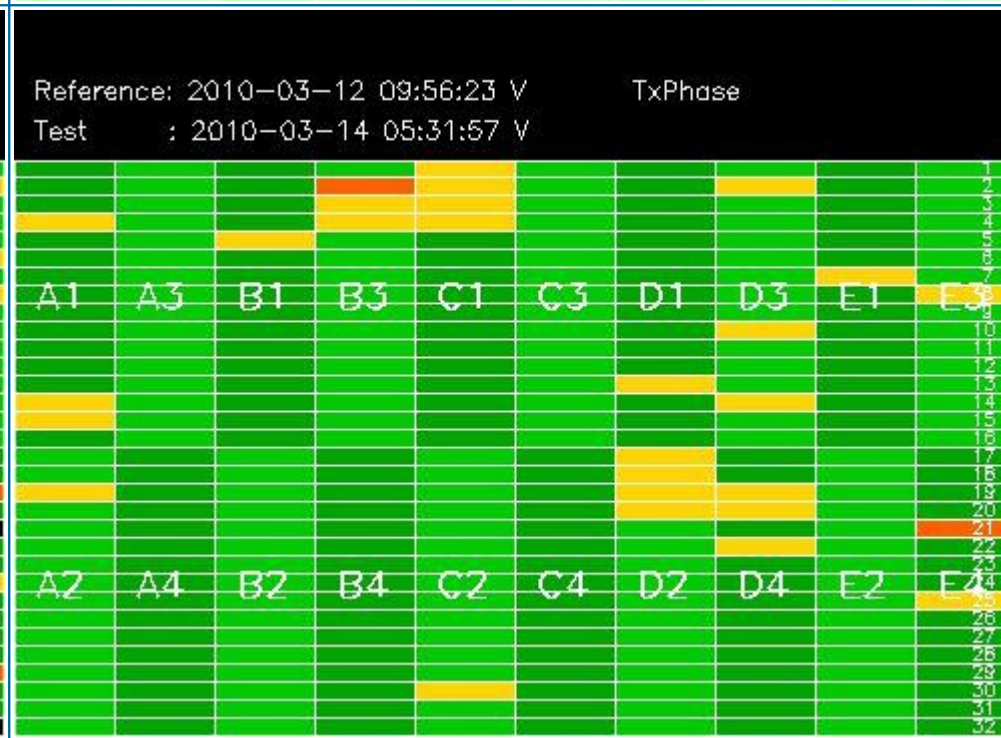
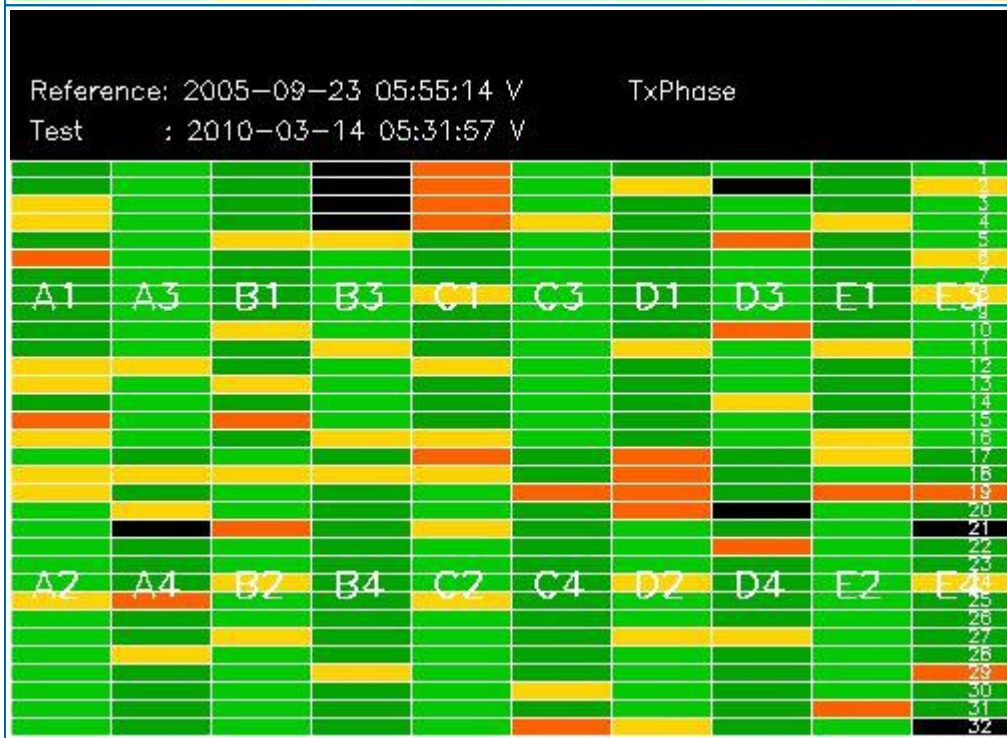
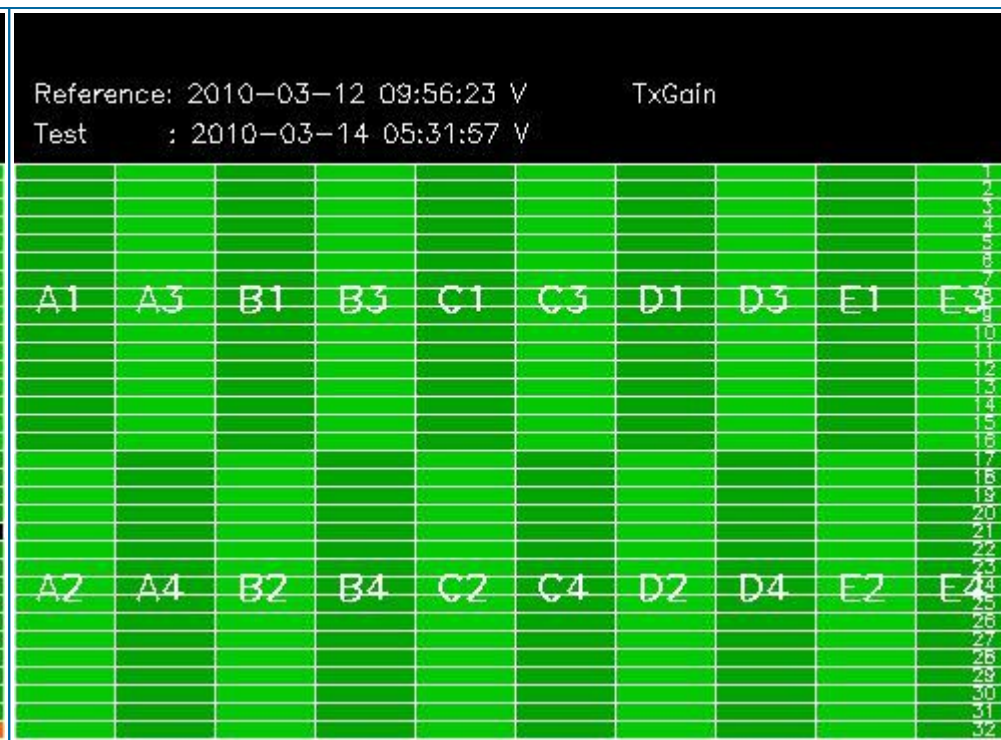
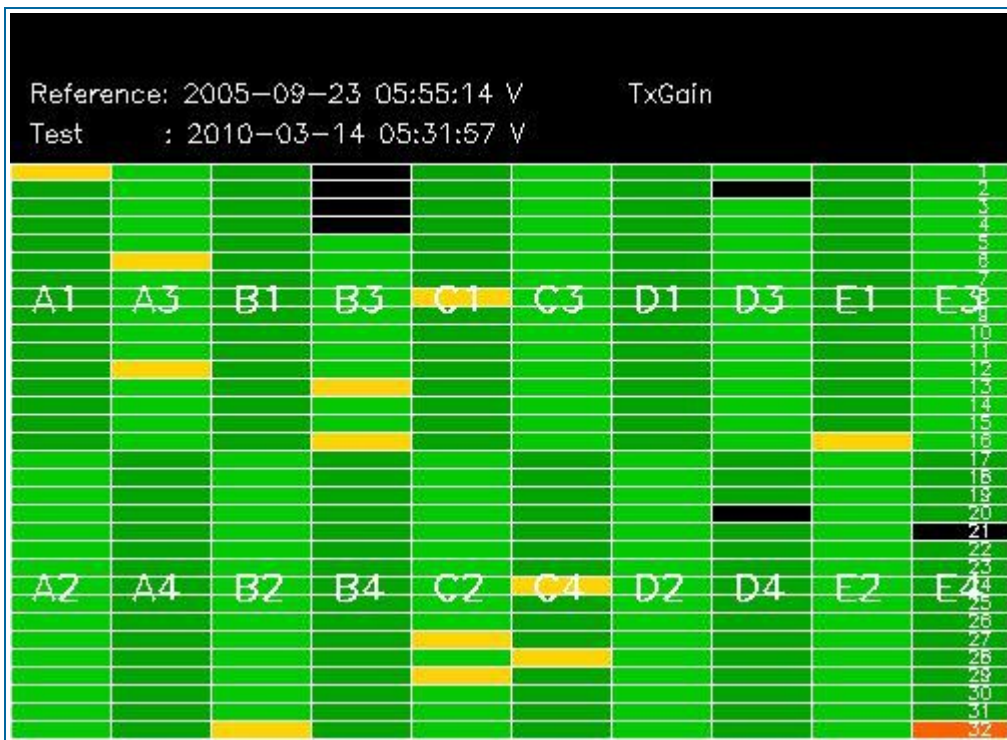
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS





### 3.2 - H/H polarisation

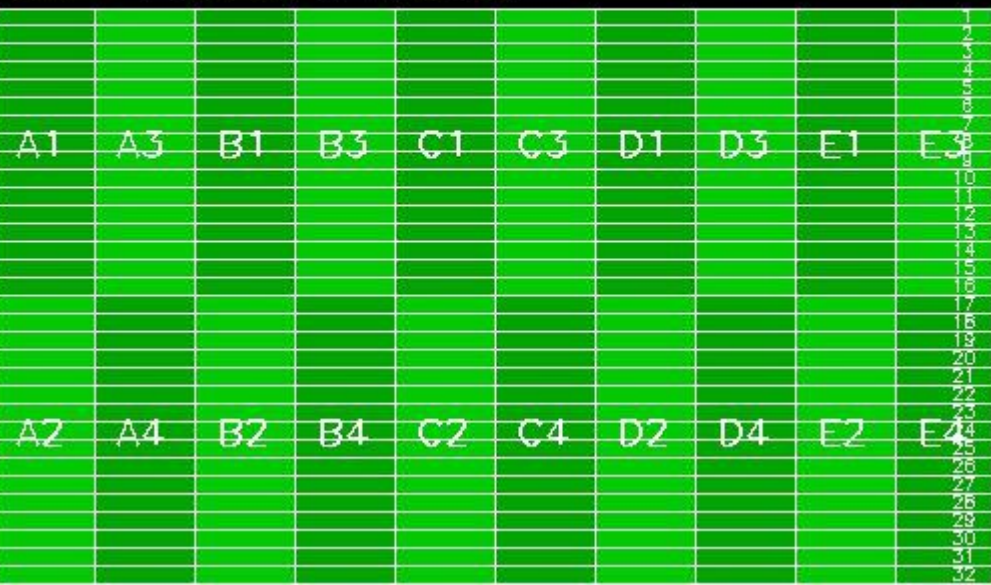
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

Reference: 2005-09-22 06:26:51 H RxGain  
 Test : 2010-03-15 05:00:20 H



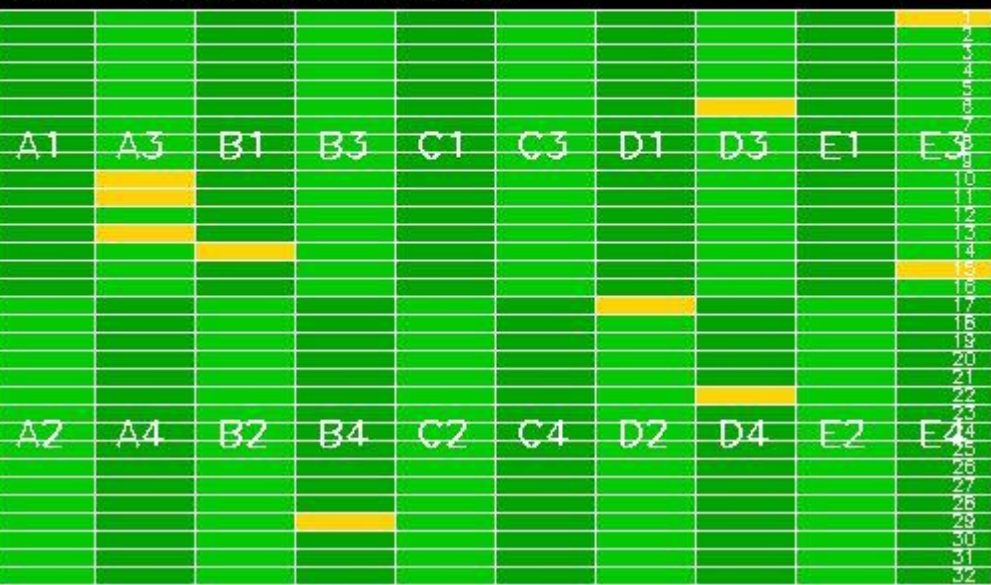
Reference: 2010-03-13 06:03:34 H RxGain  
 Test : 2010-03-15 05:00:20 H

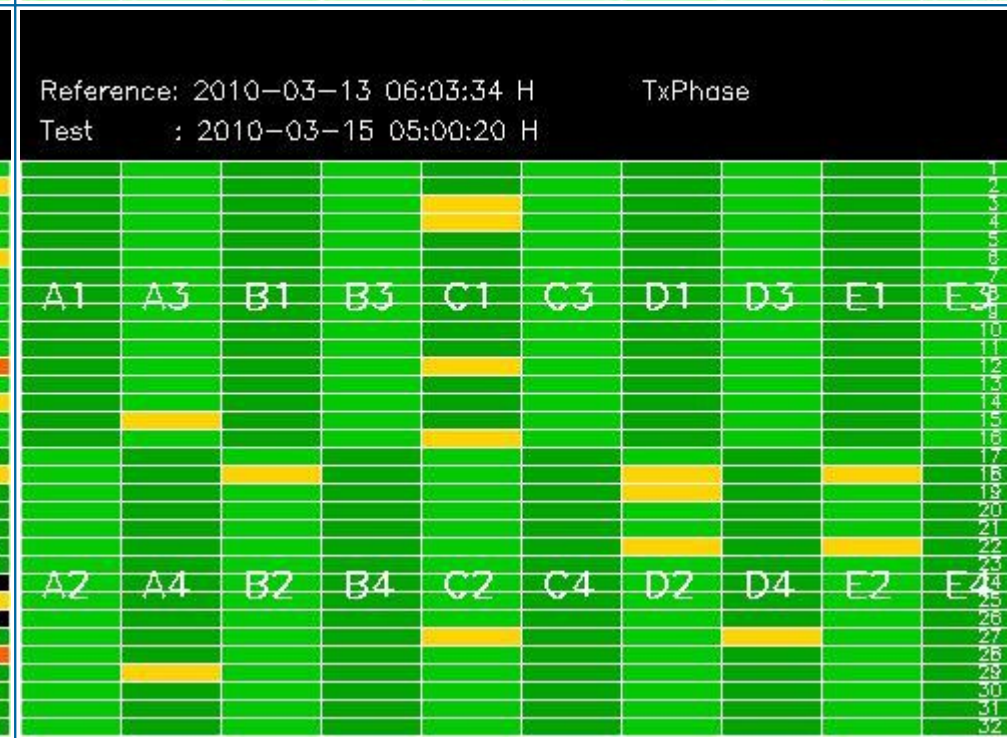
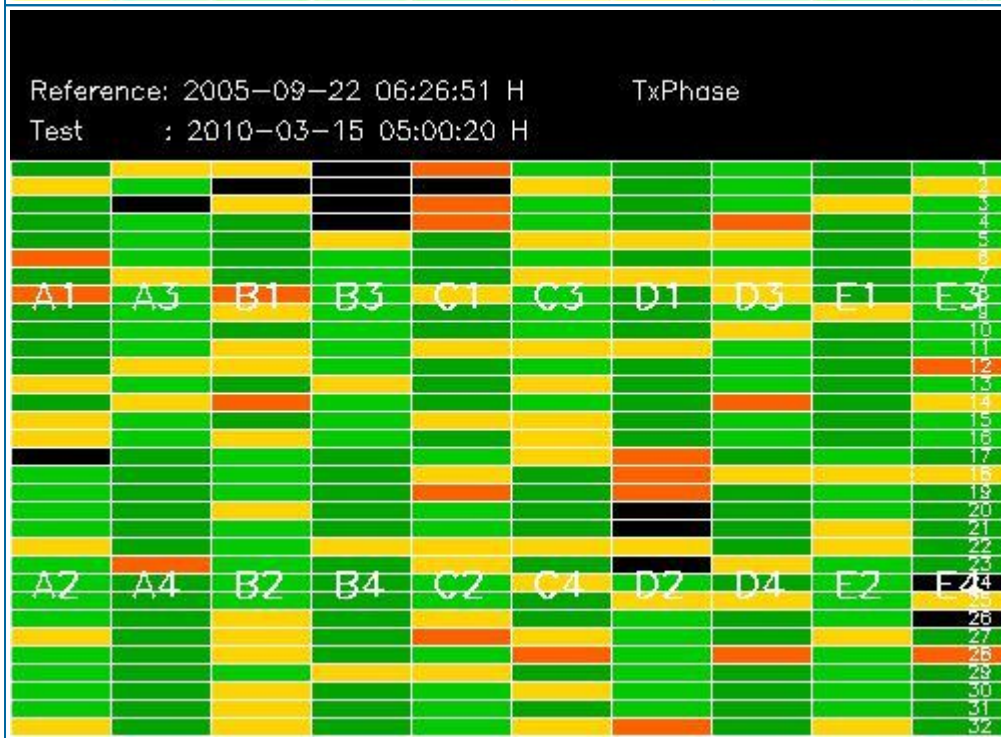
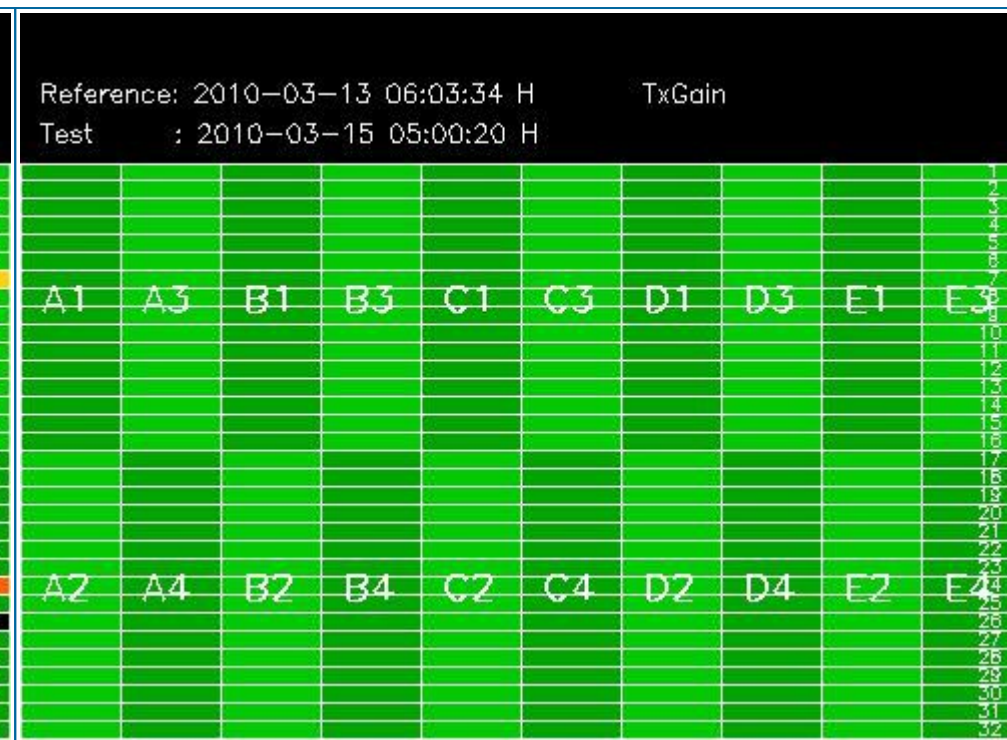
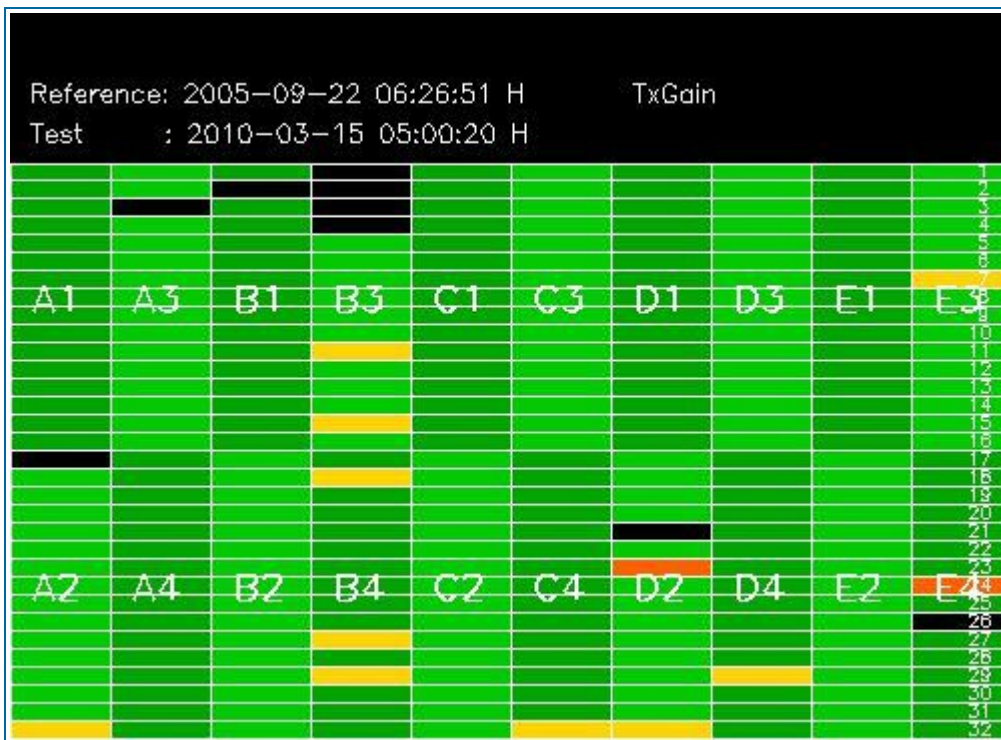


Reference: 2005-09-22 06:26:51 H RxPhase  
 Test : 2010-03-15 05:00:20 H



Reference: 2010-03-13 06:03:34 H RxPhase  
 Test : 2010-03-15 05:00:20 H





## 4 - CALIBRATION PULSES ANALYSIS

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

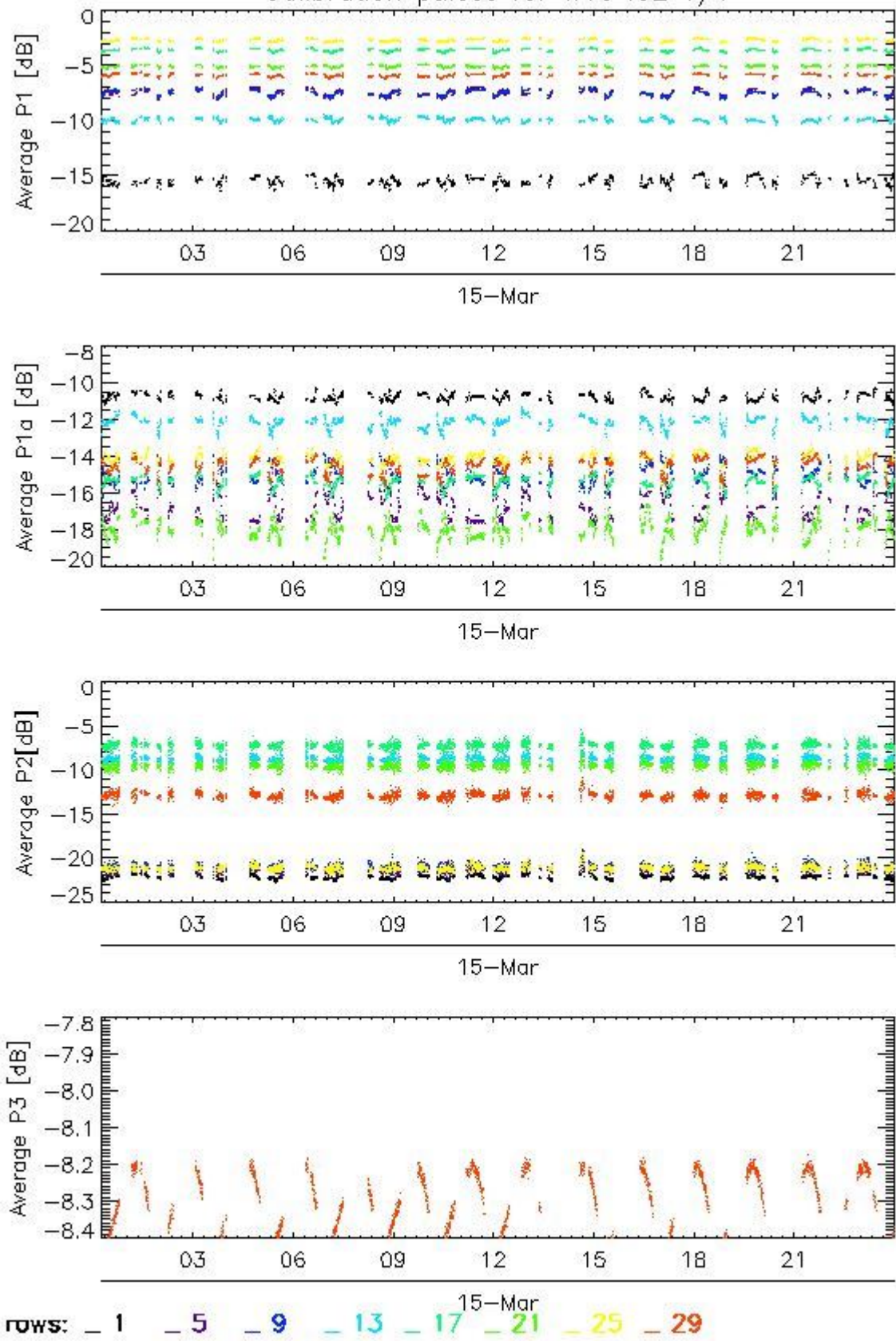
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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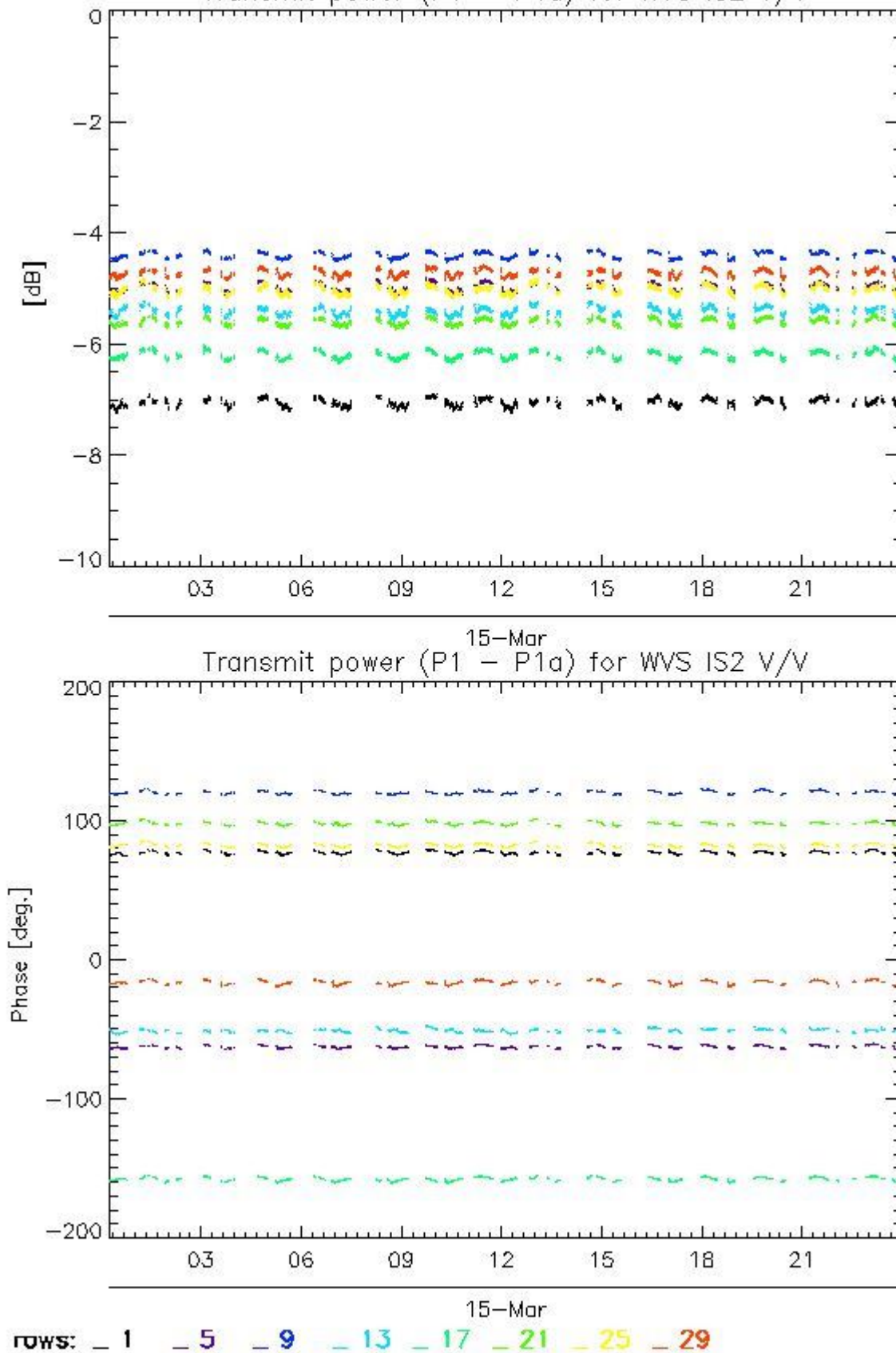
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



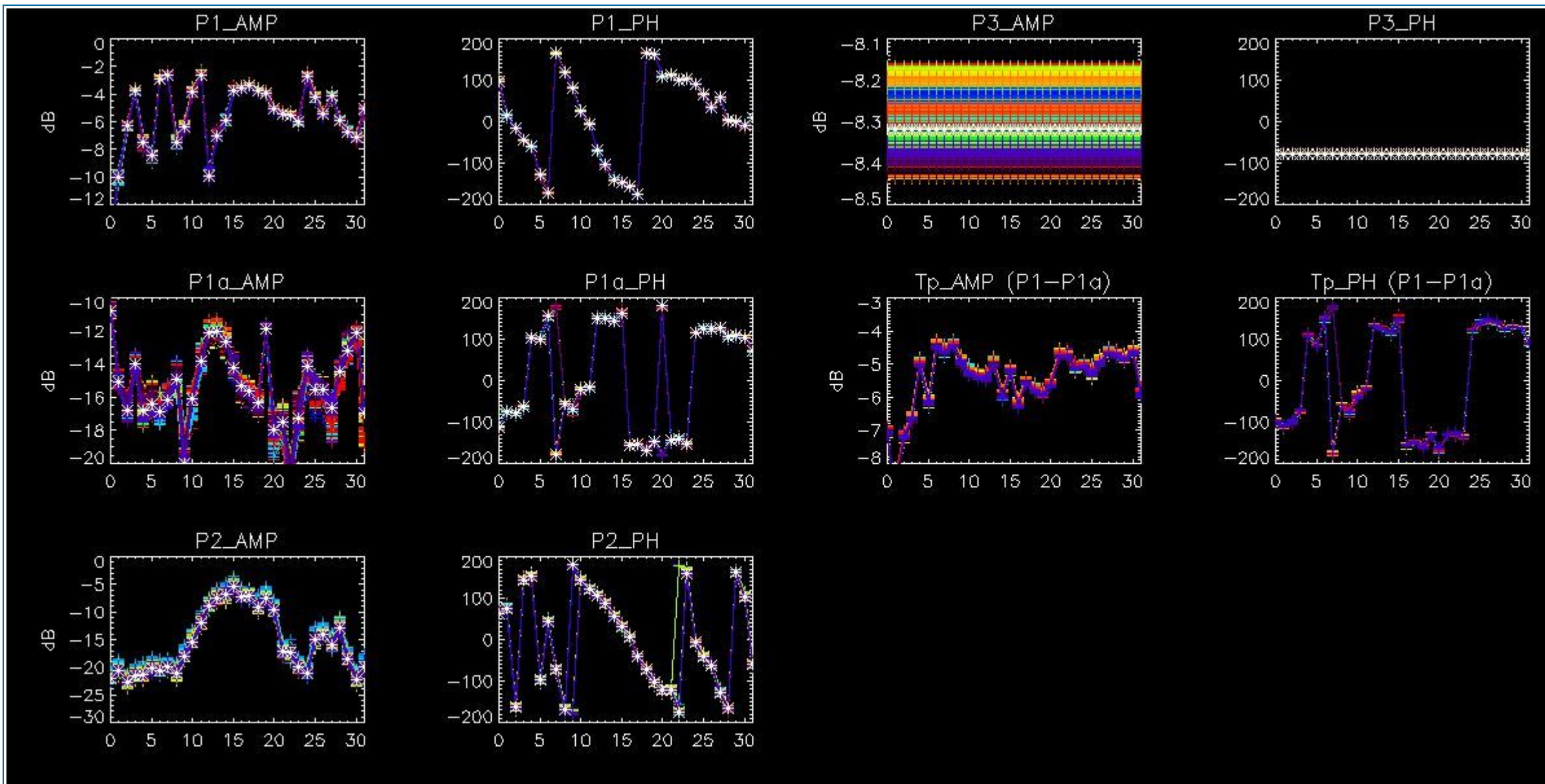
Transmit power (P1 - P1a) for WVS IS2 V/V



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

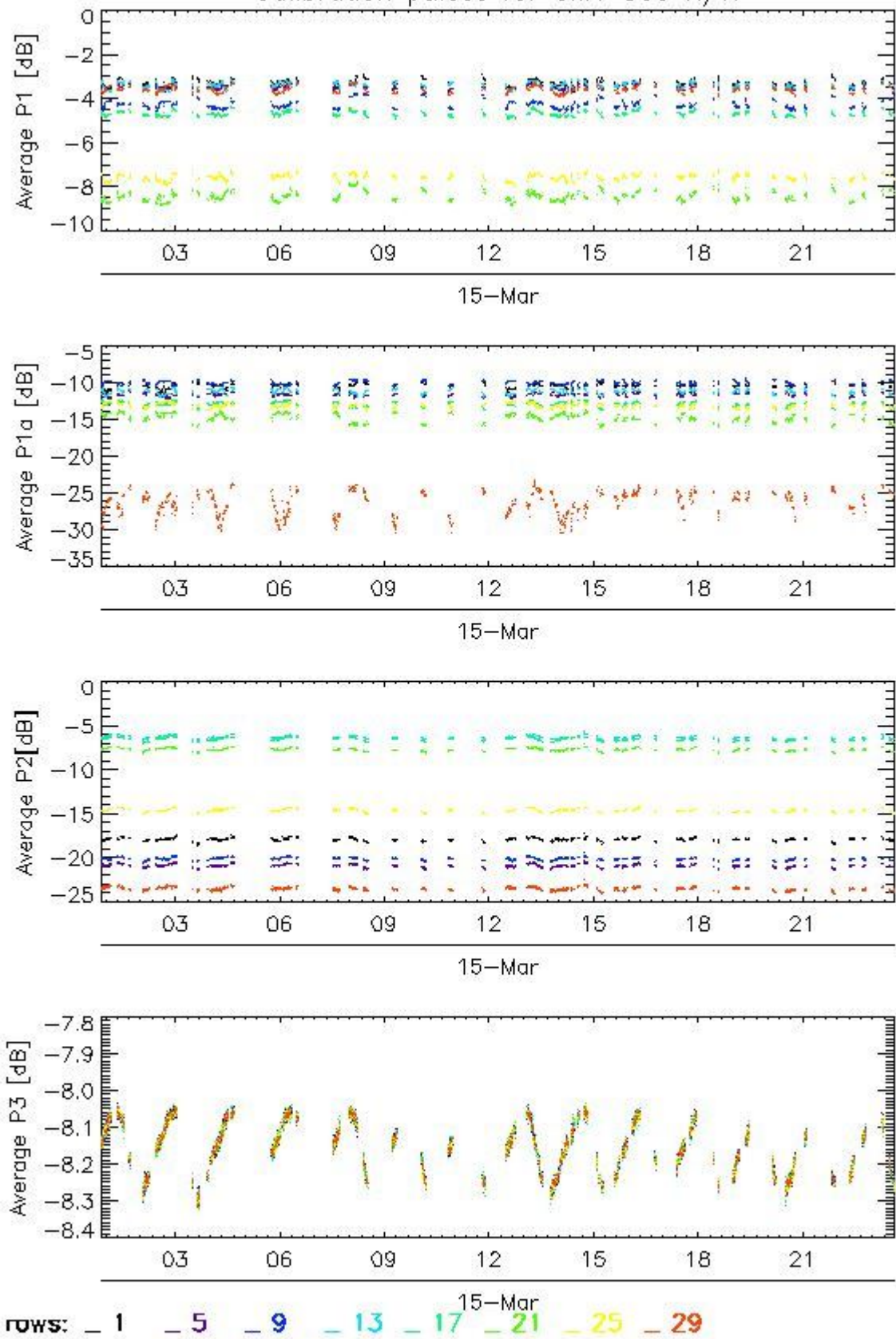
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

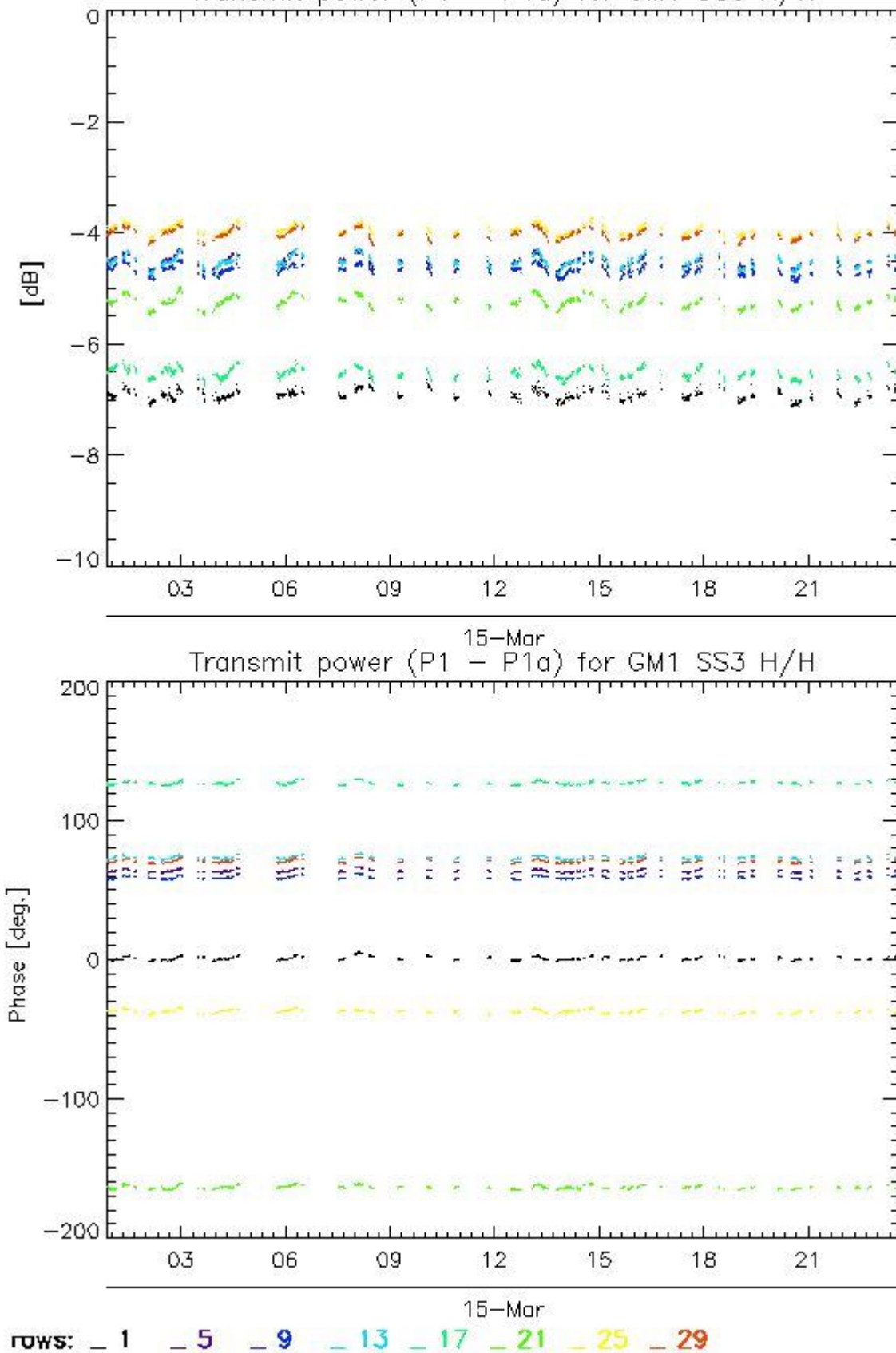
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



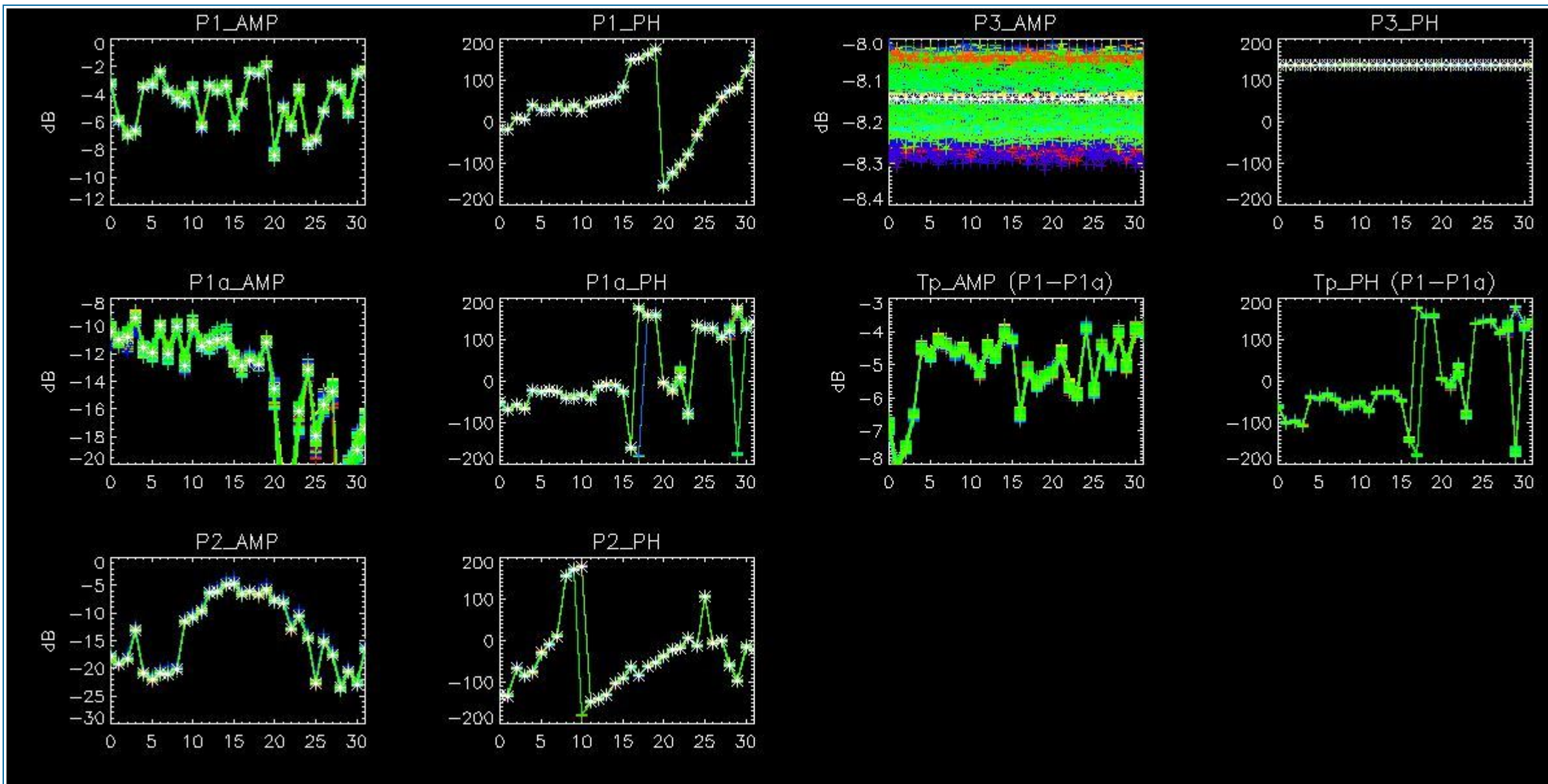
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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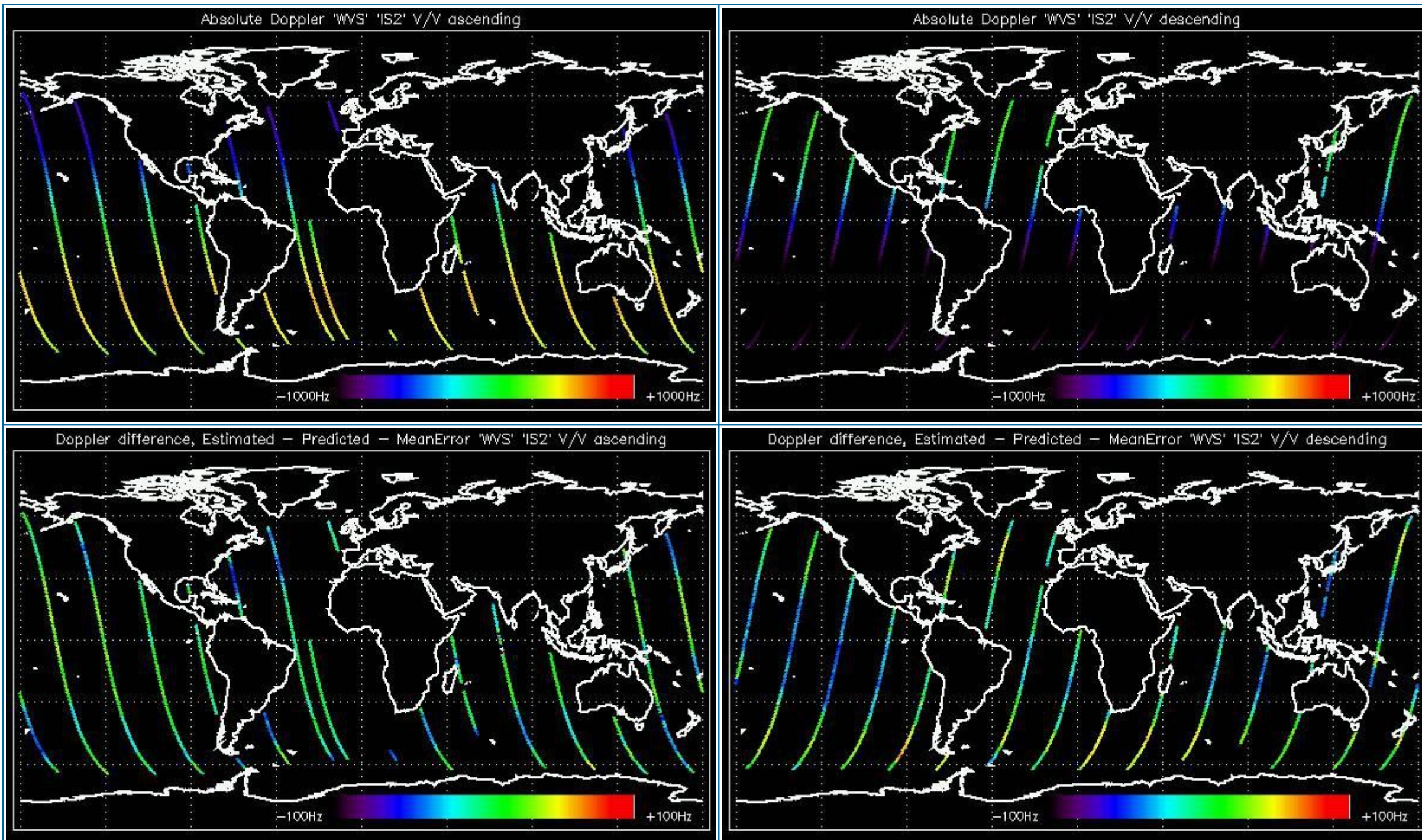
## 5 - DOPPLER ANALYSIS

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

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

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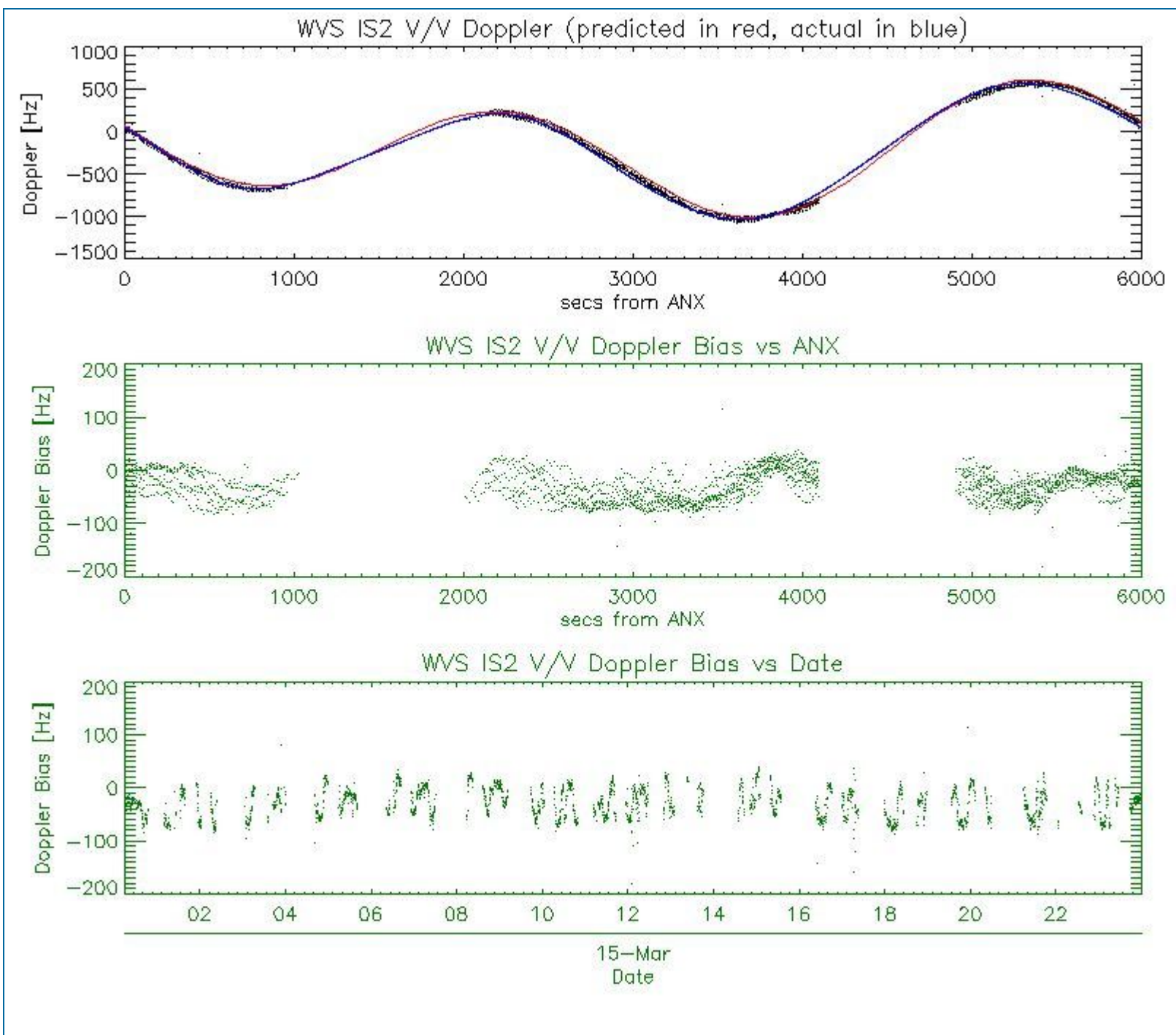




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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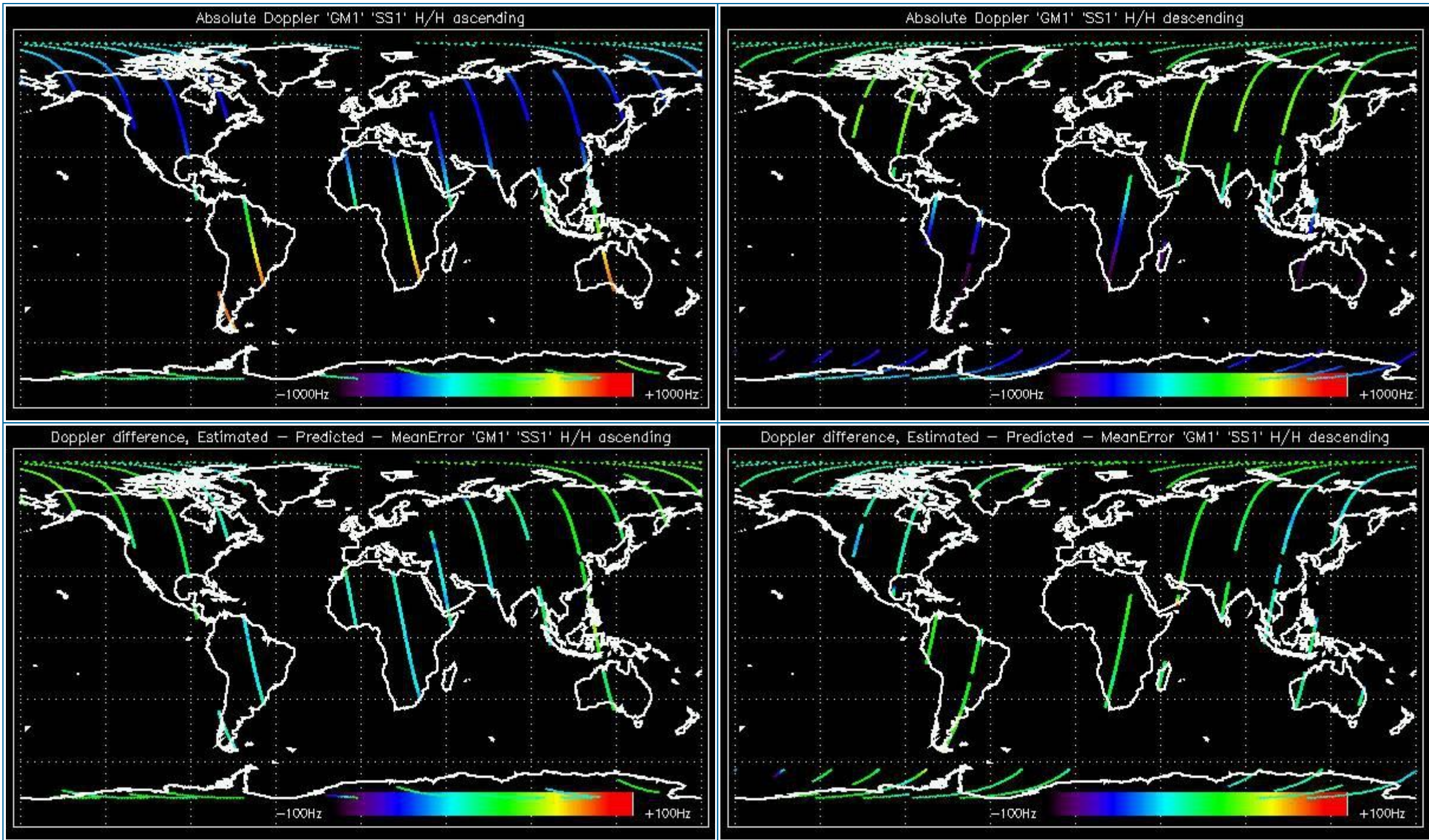


## 5.2 - Analysis for GM1 SS1 H/H

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

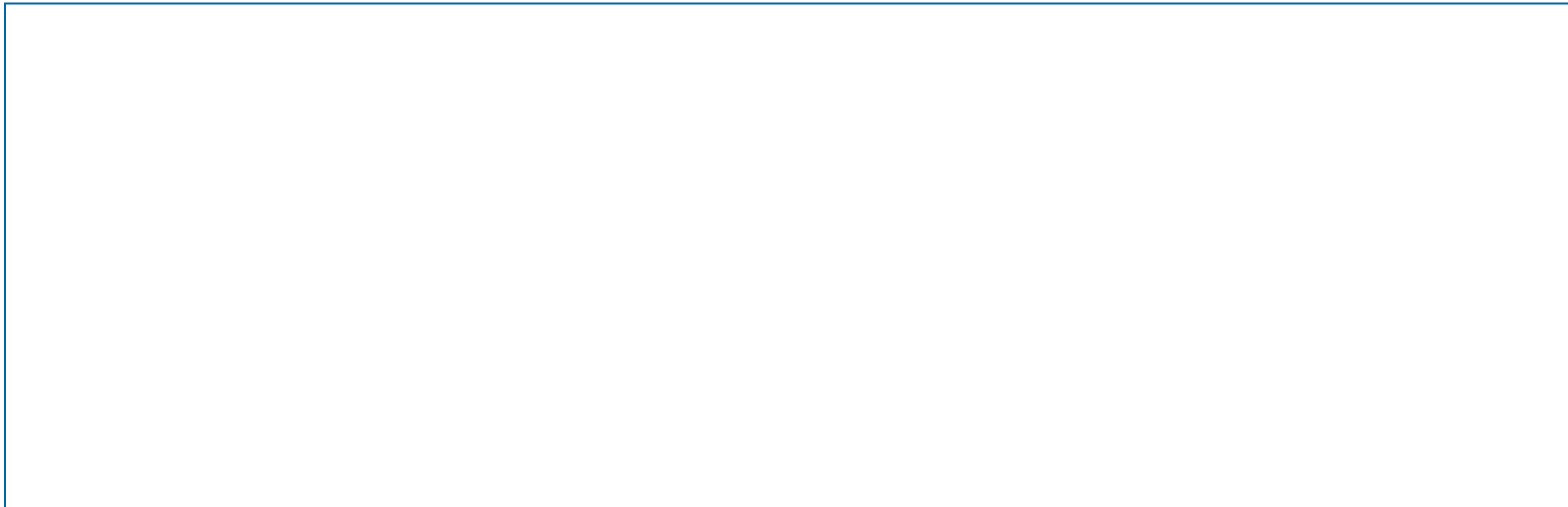
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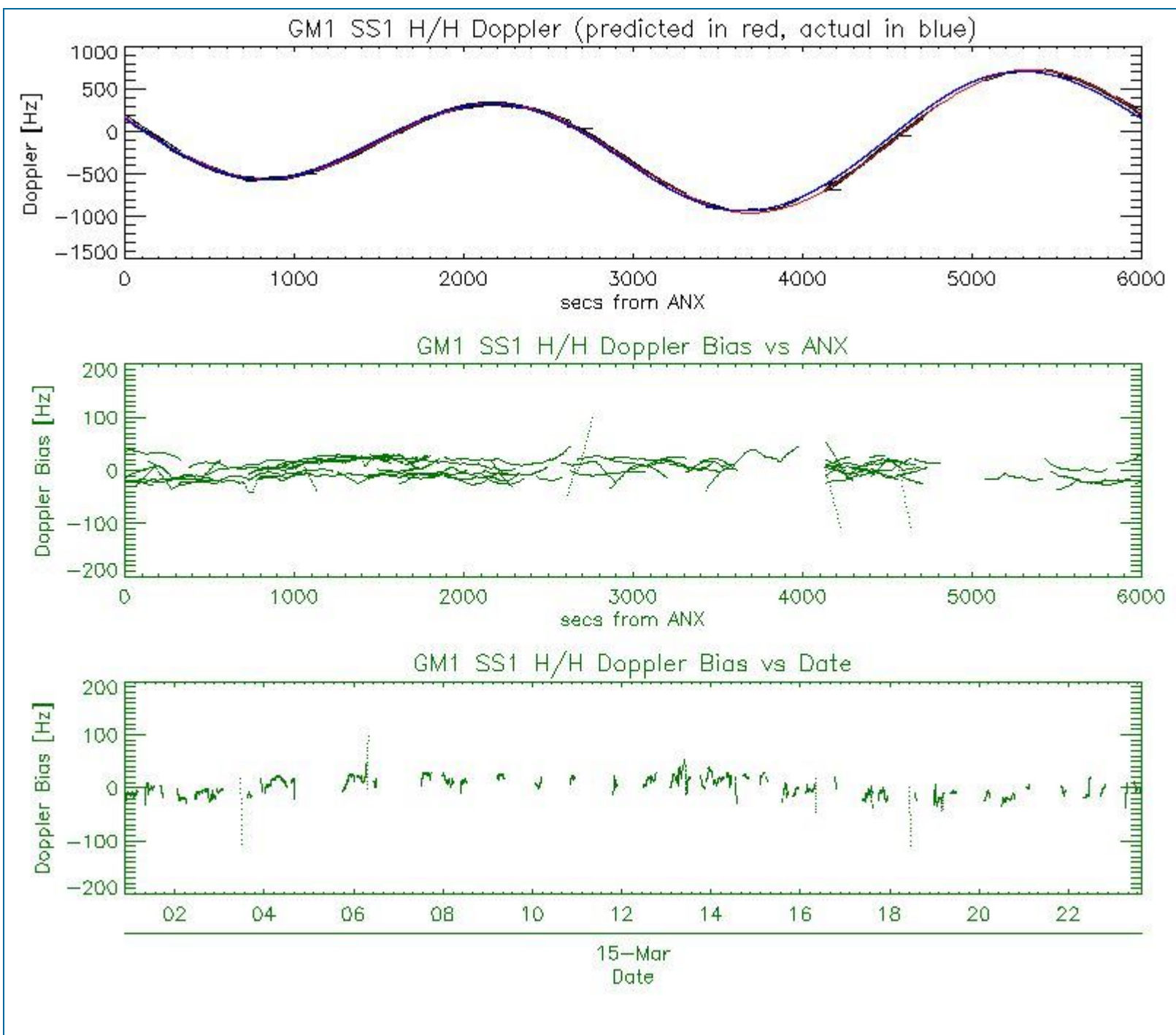




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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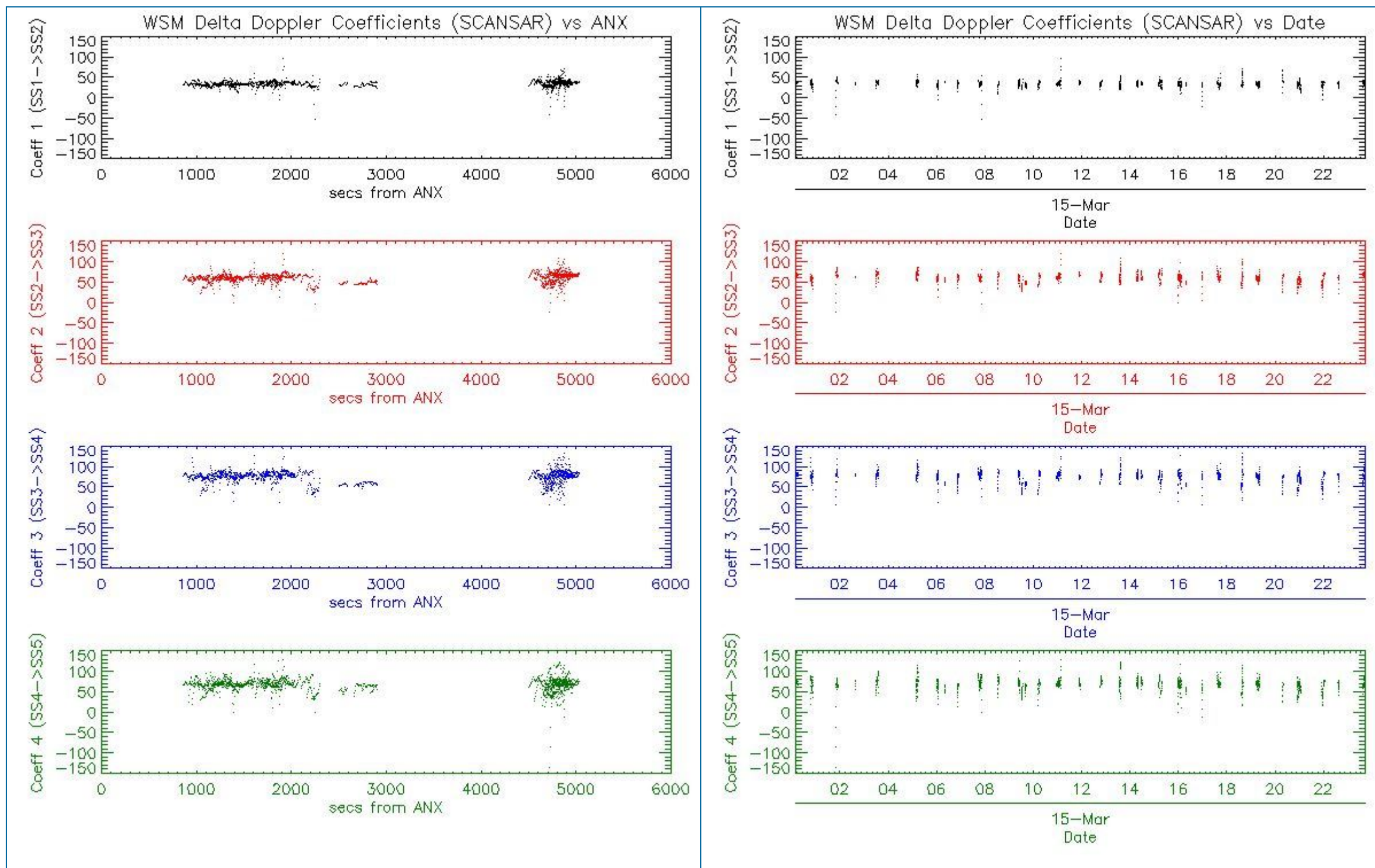




### 5.3 - Doppler JUMPS Analysis for WSM

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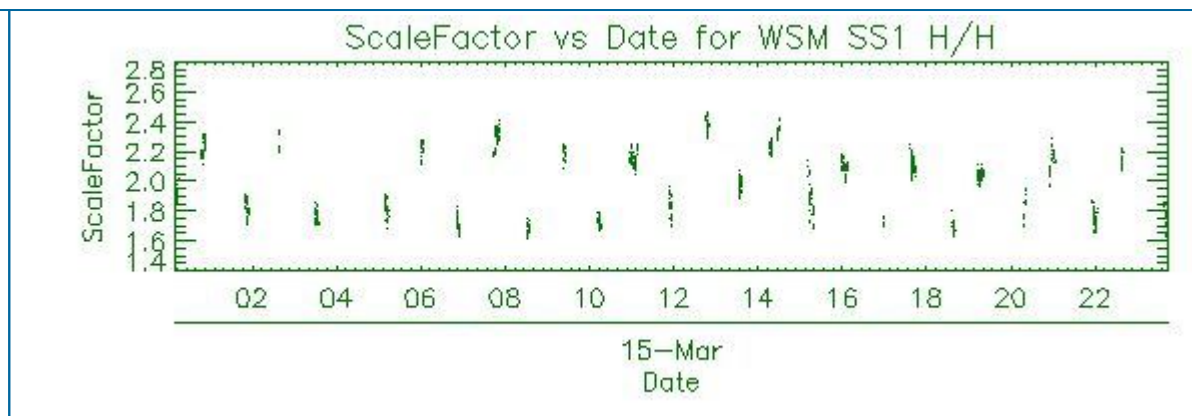
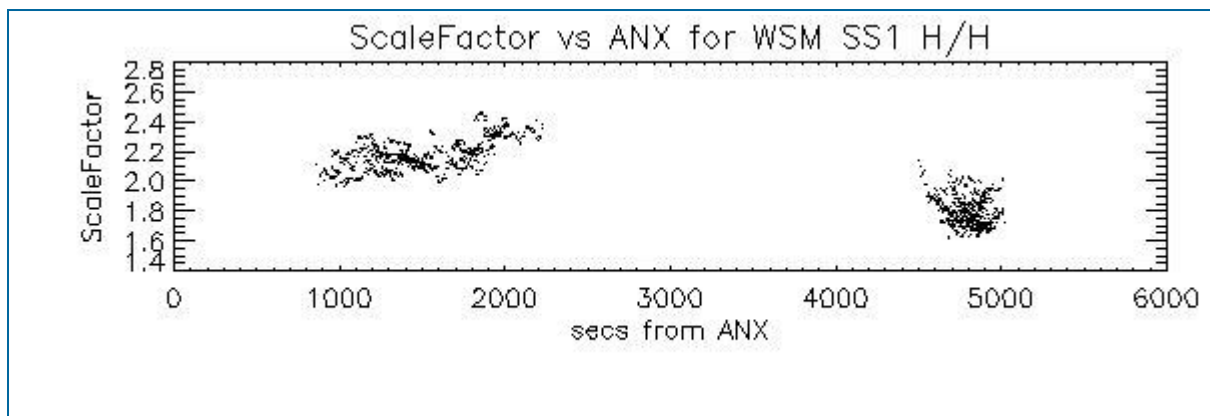
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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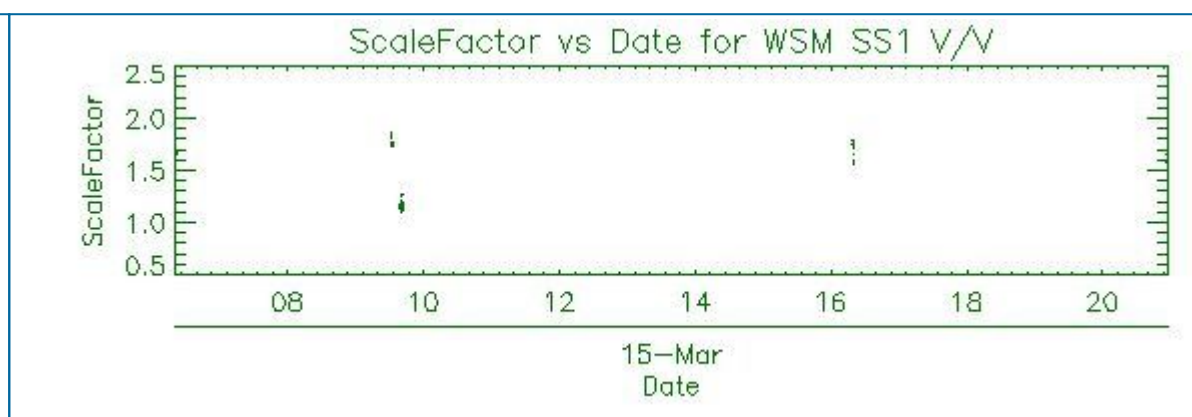
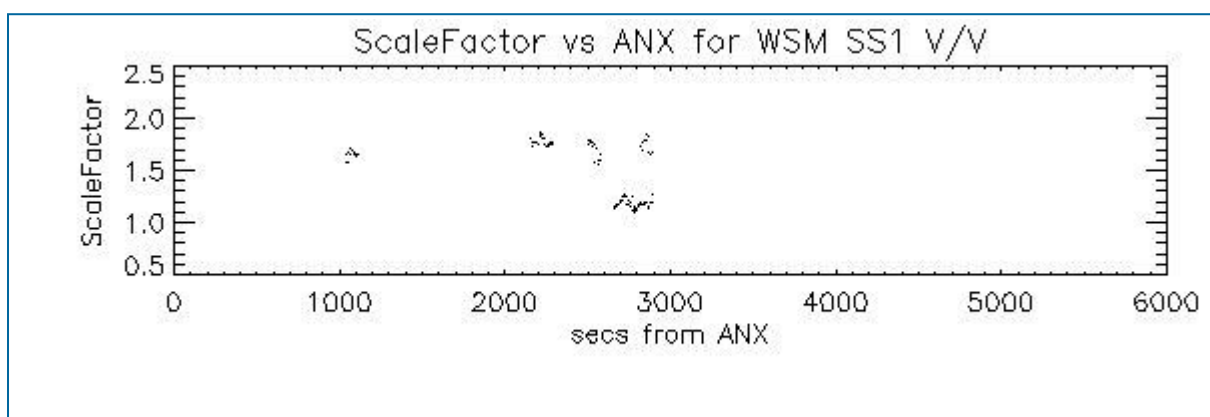




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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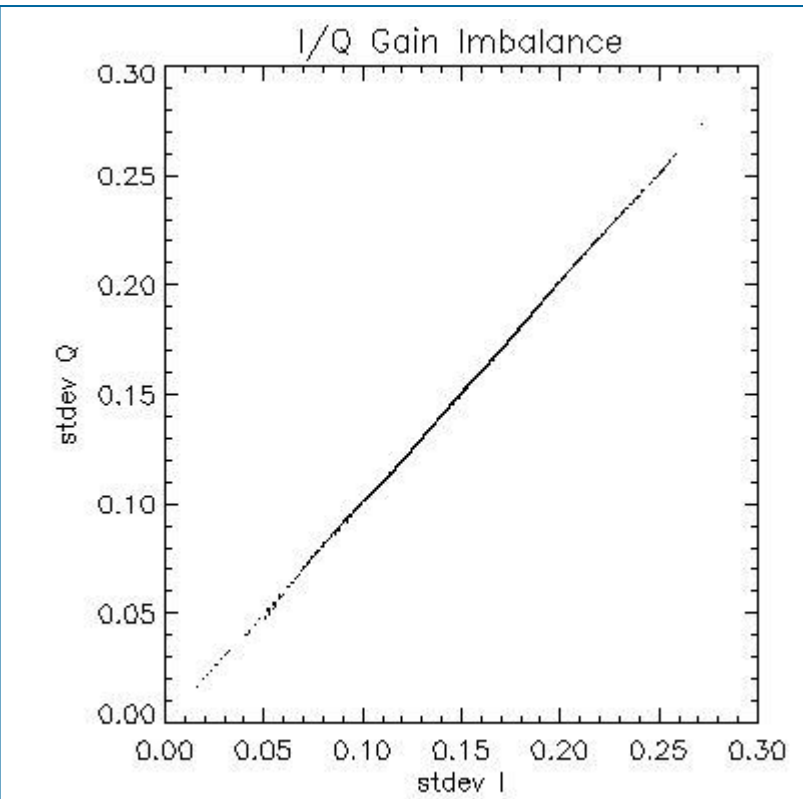
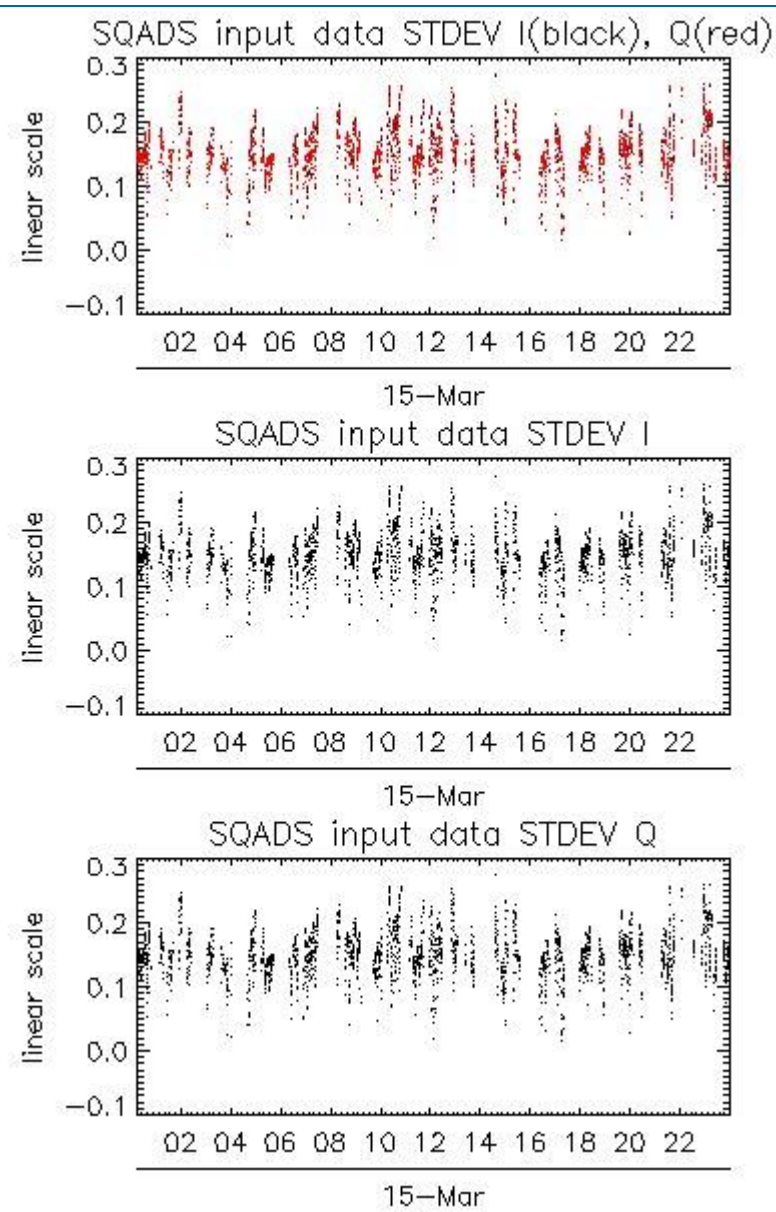
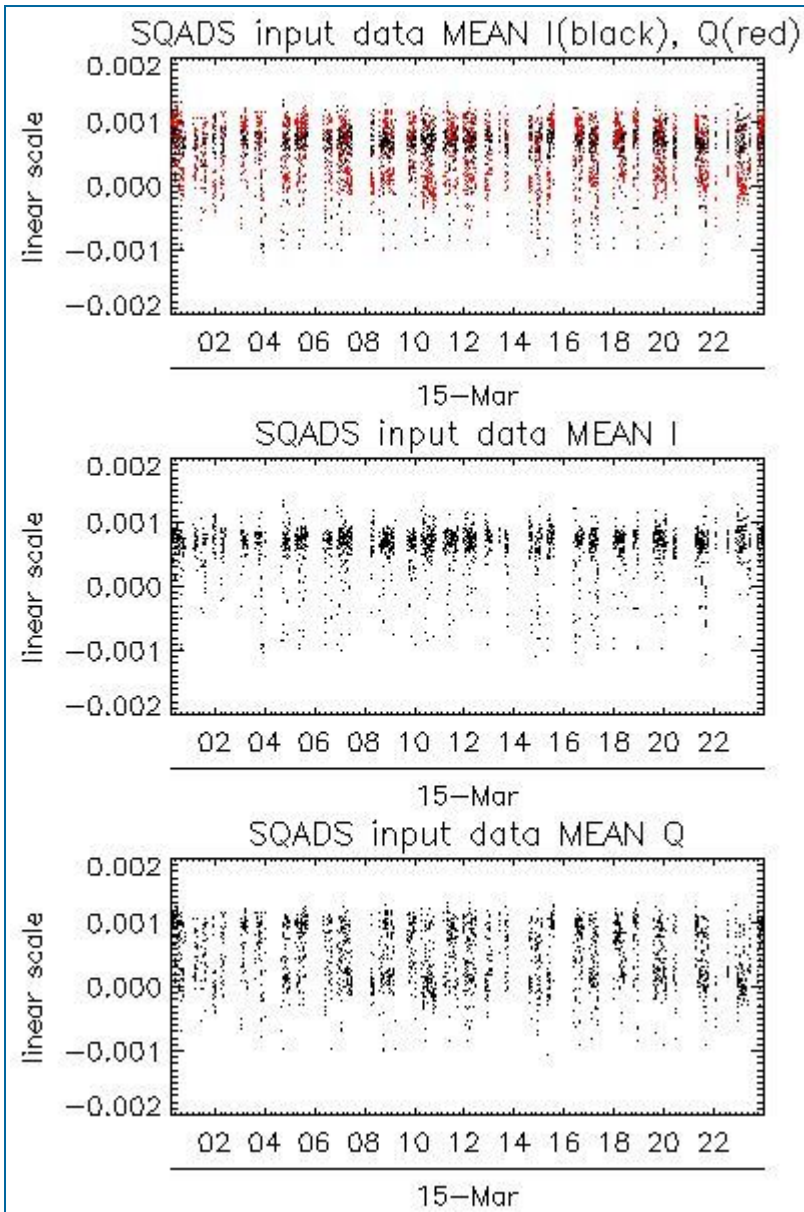
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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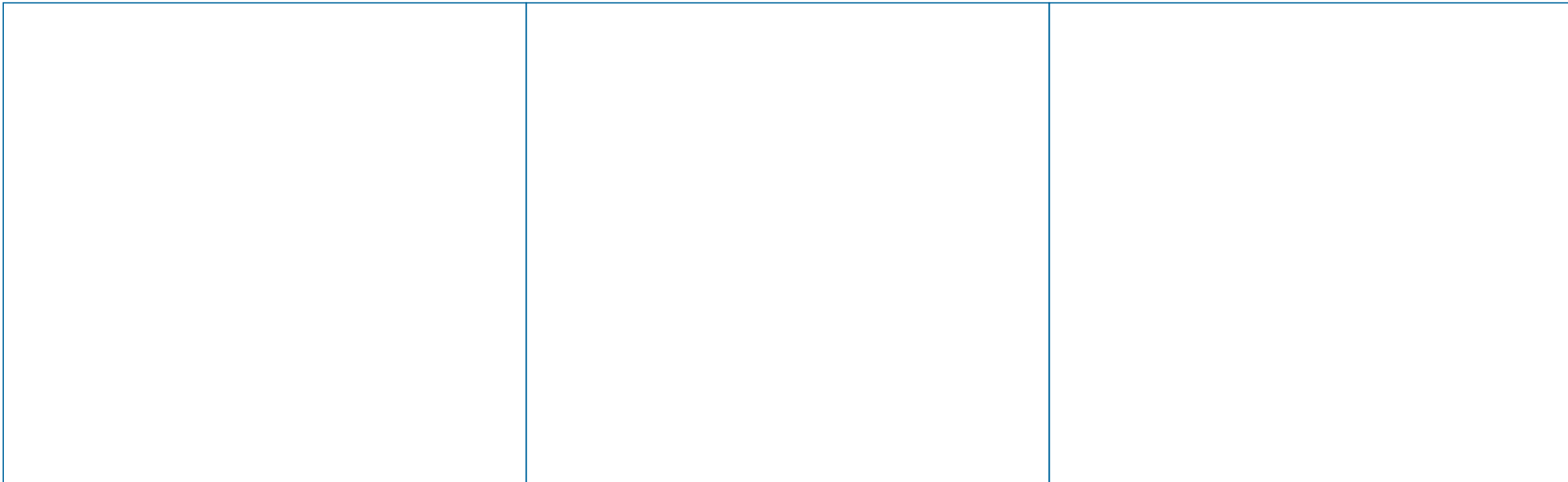


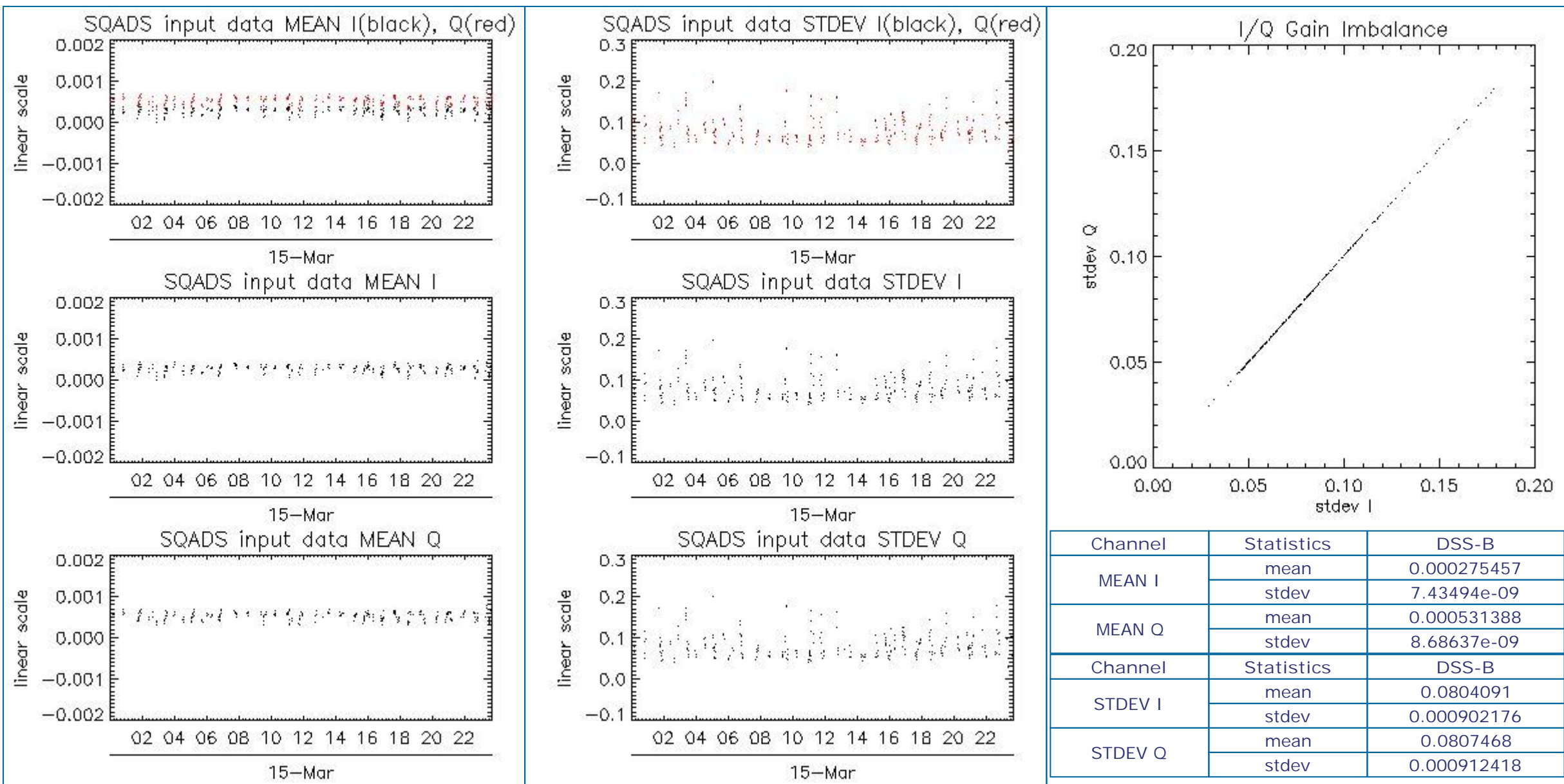


Channel	Statistics	DSS-B
MEAN I	mean	0.000615388
	stdev	1.31635e-07
MEAN Q	mean	0.000491334
	stdev	2.20342e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150166
	stdev	0.00133658
STDEV Q	mean	0.150728
	stdev	0.00136501

## 7.2 - Analysis for IMM

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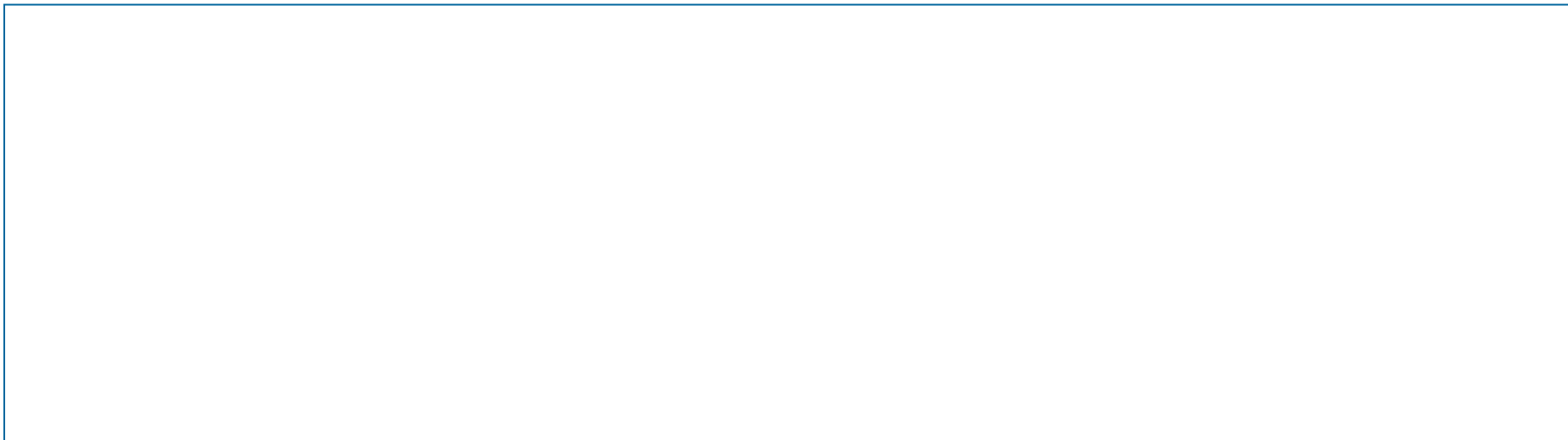


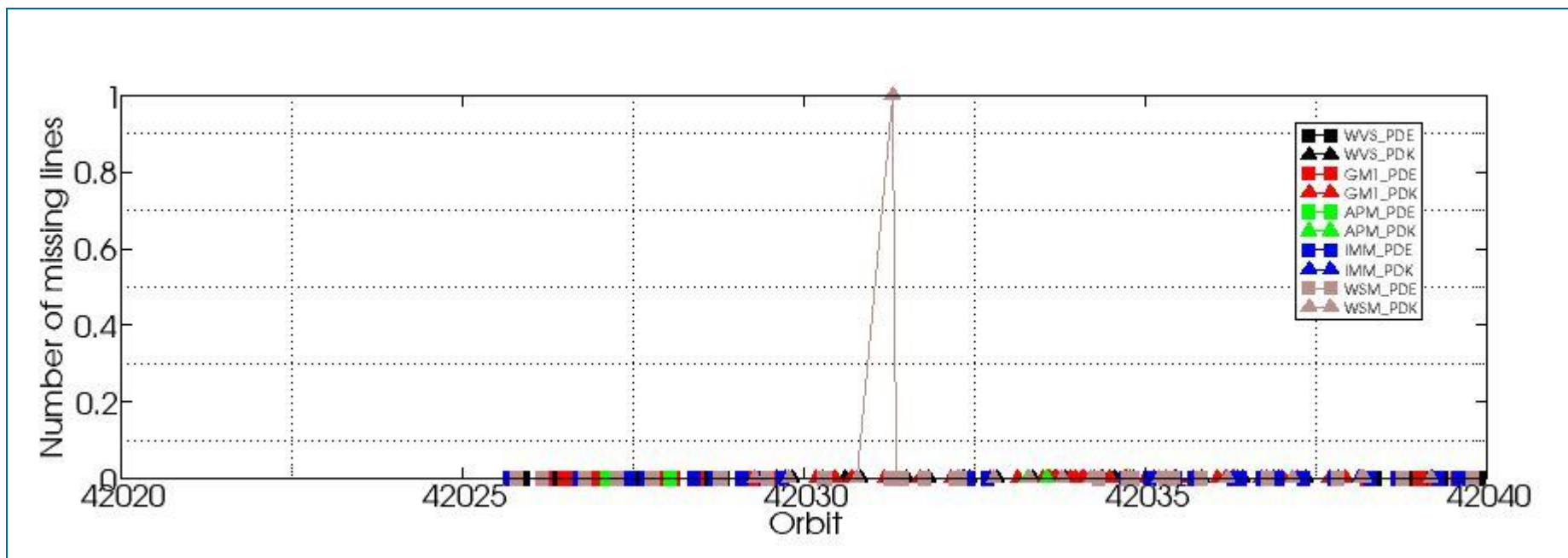
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20100315_092341_000001282087_00394_42031_8591.N1	0	1

### 8.1 - Number of Missing lines

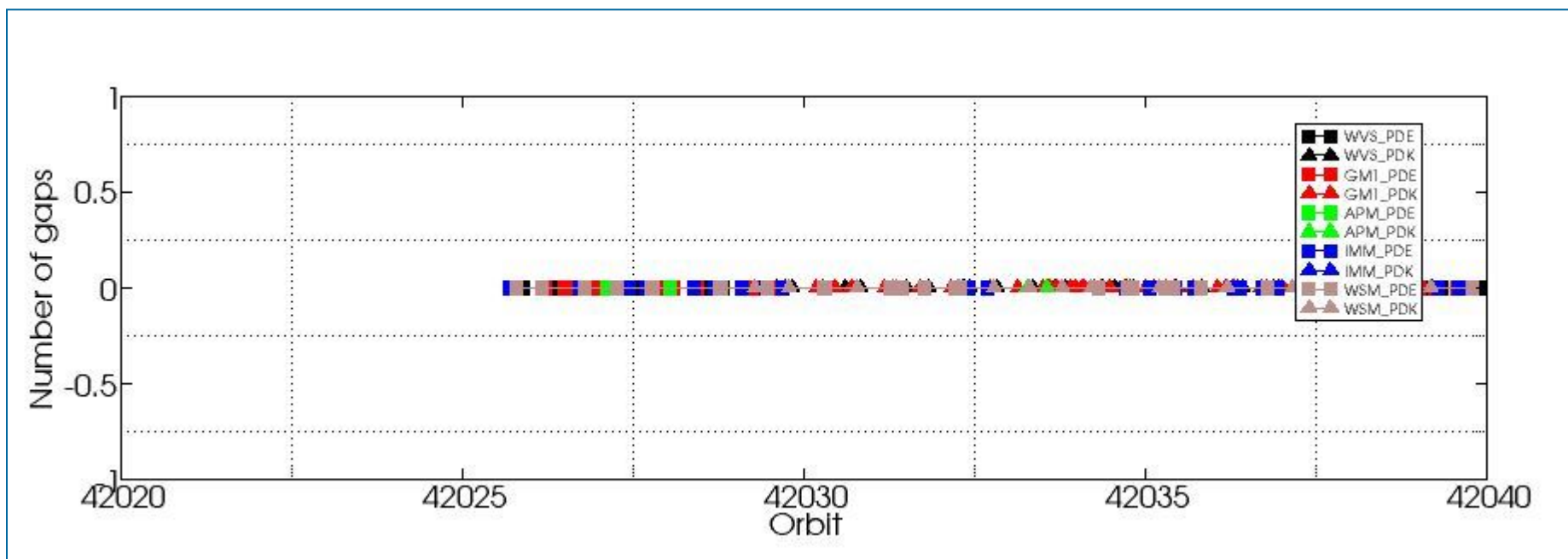
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 100315  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100315/

DATA SUMMARY

#####  
Summary will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100315/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_100315/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100315/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100315/AUXILIARY

Creating directory ./RESULTS/DAILY/\_100315/AUXILIARY...

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



ADF filter 20100315\*current\_3\_IECF\_ADFs.txt  
 Found list 20100315\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20091217\_101713\_20070204\_165113\_20101231\_000000  
 ASA\_INS\_AXVIEC20091217\_114637\_20090428\_100000\_20101231\_235959  
 ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
 ASA\_XCA\_AXVIEC20100302\_155508\_20090501\_000000\_20101231\_235959

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20100315_001500_000003602087_00388_42025_6667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_002015_000016042087_00388_42025_6677.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_011000_000005252087_00389_42026_6678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_012512_000000592087_00389_42026_6682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_013205_000004652087_00389_42026_6680.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_015506_000001052087_00389_42026_6685.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_015606_000003602087_00389_42026_6705.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_021510_000004942087_00390_42027_6701.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_030336_000005542087_00390_42027_6700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_031236_000002552087_00390_42027_6719.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_033501_000000752087_00390_42027_6718.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_034243_000007192087_00390_42027_6725.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_035908_000000752087_00391_42028_6727.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_044115_000007792087_00391_42028_6723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_045400_000003452087_00391_42028_6739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_051446_000015892087_00391_42028_6752.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_062204_000002542087_00392_42029_6750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_063116_000002242087_00392_42029_6749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_211410_000019792087_00401_42038_6906.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_220249_000000752087_00401_42038_6907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_220319_000000452087_00401_42038_6919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_223133_000002402087_00402_42039_6921.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_225302_000013792087_00402_42039_6924.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_232237_000003002087_00402_42039_6926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_234334_000002852087_00402_42039_6928.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100315_234734_000016642087_00402_42039_6940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_063446_000004202087_00392_42029_8556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_065522_000020842087_00392_42029_8557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_081407_000004952087_00393_42030_8579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_083558_000021592087_00393_42030_8581.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_094343_000011542087_00394_42031_8599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_101652_000019642087_00394_42031_8601.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_111108_000002542087_00395_42032_8619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_111820_000014842087_00395_42032_8620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_115723_000018402087_00395_42032_8624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_125002_000008692087_00396_42033_8642.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_132216_000001202087_00396_42033_8648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_133745_000004802087_00396_42033_8644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_143453_000004792087_00397_42034_8666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_145036_000008552087_00397_42034_8670.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_151905_000009592087_00397_42034_8673.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_162321_000013192087_00398_42035_8691.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_165955_000013492087_00398_42035_8693.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_175916_000016042087_00399_42036_8713.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_184516_000003452087_00399_42036_8712.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_185226_000003742087_00399_42036_8716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_193357_000019492087_00400_42037_8728.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100315_202050_000005102087_00400_42037_8729.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20100315_005242_000010332087_00389_42026_6679.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_011930_000003382087_00389_42026_6683.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_012653_000003082087_00389_42026_6681.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_014040_000001692087_00389_42026_6684.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_020253_000007372087_00389_42026_6706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_022556_000007252087_00390_42027_6704.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_023951_000006832087_00390_42027_6703.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_025252_000001502087_00390_42027_6702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_025610_000004472087_00390_42027_6699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_032820_000000842087_00390_42027_6722.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_033701_000003382087_00390_42027_6720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_035519_000001322087_00391_42028_6726.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_040101_000018252087_00391_42028_6728.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_043555_000003202087_00391_42028_6724.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_054542_000009122087_00392_42029_6740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_060502_000007432087_00392_42029_6741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_061810_000000902087_00392_42029_6753.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_062713_000002412087_00392_42029_6751.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_210350_000002472087_00401_42038_6905.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_215030_000003382087_00401_42038_6908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_222041_000005012087_00402_42039_6920.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_224329_000003382087_00402_42039_6922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_231643_000001502087_00402_42039_6925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_232830_000002232087_00402_42039_6923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100315_233606_000001442087_00402_42039_6927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_073057_000007192087_00393_42030_8561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_074210_000001082087_00393_42030_8577.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_075841_000009242087_00393_42030_8578.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_082304_000005312087_00393_42030_8580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_091241_000005672087_00394_42031_8582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_100339_000005072087_00394_42031_8600.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_105018_000004532087_00395_42032_8602.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_114849_000002832087_00395_42032_8621.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_122853_000007982087_00396_42033_8623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_124329_000001572087_00396_42033_8640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_130523_000003502087_00396_42033_8639.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_131233_000001872087_00396_42033_8641.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_131543_000003922087_00396_42033_8651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_132454_000004592087_00396_42033_8650.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_134626_000003682087_00396_42033_8649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_135334_000005132087_00396_42033_8647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_140252_000002292087_00397_42034_8652.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_140741_000005432087_00397_42034_8646.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_142040_000001142087_00397_42034_8645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_142134_000003622087_00397_42034_8664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_143234_000001322087_00397_42034_8665.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_144339_000004162087_00397_42034_8668.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_150527_000001502087_00397_42034_8667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_150948_000000962087_00397_42034_8669.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_151414_000001502087_00397_42034_8671.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_153555_000004772087_00397_42034_8672.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_155022_000004412087_00398_42035_8674.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_160719_000006892087_00398_42035_8689.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_162040_000000662087_00398_42035_8690.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_164607_000001142087_00398_42035_8692.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_172304_000008102087_00399_42036_8695.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_173525_000000782087_00399_42036_8708.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_174449_000000962087_00399_42036_8707.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_174722_000002472087_00399_42036_8709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20100315_175243_000002592087_00399_42036_8711.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_182642_000000902087_00399_42036_8710.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_183404_000001382087_00399_42036_8714.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_185921_000007982087_00400_42037_8715.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_192152_000004472087_00400_42037_8726.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_200717_000004282087_00400_42037_8727.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100315_203006_000010632087_00400_42037_8730.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20100315_035734_00000872087_00391_42028_6721.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100315_093443_00000462087_00394_42031_6806.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100315_110226_00000432087_00395_42032_6842.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_APM_1PNPDK20100315_124228_00000422087_00396_42033_8631.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100315_131116_00000572087_00396_42033_8658.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_IMM.txt...

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ASA_IMM_1PNPDE20100315_025521_00000372087_00390_42027_6698.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_032046_000002322087_00390_42027_6713.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_032555_000001332087_00390_42027_6716.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_IMM_1PNPDE20100315_054238_000001712087_00392_42029_6745.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_061721_00000372087_00392_42029_6747.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_IMM_1PNPDE20100315_165359_000002302087_00398_42035_6890.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_174629_00000392087_00399_42036_6898.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_175128_000000682087_00399_42036_6899.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_175701_000001302087_00399_42036_6900.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_182813_000003412087_00399_42036_6901.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_185142_000000372087_00399_42036_6897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_192918_000002732087_00400_42037_6904.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_201425_000002232087_00400_42037_6902.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_210754_000003712087_00401_42038_6916.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_214840_000000972087_00401_42038_6917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_224908_000002272087_00402_42039_6936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_231915_000000372087_00402_42039_6937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100315_233215_000002232087_00402_42039_6918.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100315_064633_000002832087_00392_42029_8567.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100315_110834_000001492087_00395_42032_8611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100315_205100_000001062087_00401_42038_8737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100315_223948_000002082087_00402_42039_8755.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_100315/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20100315_001017_000002812087_00388_42025_6668.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_004738_000003002087_00389_42026_6676.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_015026_000002812087_00389_42026_6694.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_023809_000000982087_00390_42027_6696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_032954_000003062087_00390_42027_6717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_050854_000001842087_00391_42028_6743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_051228_000001042087_00391_42028_6744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_062038_000000862087_00392_42029_6746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_074407_000004532087_00393_42030_6776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_092213_000001222087_00394_42031_6802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_093144_000000922087_00394_42031_6805.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_093906_000002452087_00394_42031_6810.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_101212_000002812087_00394_42031_6857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_105759_000001842087_00395_42032_6841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_110319_000000672087_00395_42032_6843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_142744_000001652087_00397_42034_6886.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_151138_000001532087_00397_42034_6888.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_151653_000001282087_00397_42034_6889.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_160529_000001042087_00398_42035_6892.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_161851_000000982087_00398_42035_6893.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_165818_000000982087_00398_42035_6891.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_183630_000002262087_00399_42036_6896.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_201839_000001282087_00400_42037_6903.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_215613_000003982087_00401_42038_6915.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100315_233837_000003002087_00402_42039_6935.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_060100_000002392087_00392_42029_8554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_065126_000002142087_00392_42029_8569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_083203_000002262087_00393_42030_8590.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_092341_000001282087_00394_42031_8591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_093046_000000922087_00394_42031_8593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_110016_000000982087_00395_42032_8608.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_110319_000002812087_00395_42032_8610.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_115341_000002202087_00395_42032_8622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_124614_000002262087_00396_42033_8632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_133240_000002942087_00396_42033_8660.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_141652_000002202087_00397_42034_8654.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_155749_000004222087_00398_42035_8682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_173654_000004712087_00399_42036_8702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_191243_000005442087_00400_42037_8723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_205412_000000862087_00401_42038_8738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_205618_000000862087_00401_42038_8739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_205830_000003062087_00401_42038_8740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100315_223621_000001842087_00402_42039_8754.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100315/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_100315/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_100315/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE...





Creating directory ./RESULTS/DAILY/\_100315/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/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H
Reference product: ASA\_MS\_\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1
Test product: ASA\_MS\_\_0PNPDE20100315\_050020\_000000162087\_00391\_42028\_0520.N1
H
H
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20100315\_050020-20050922\_062651.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20100315\_050020-20050922\_062651.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20100315\_050020-20050922\_062651.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20100315\_050020-20050922\_062651.png

Polarization: V
Reference product: ASA\_MS\_\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1
Test product: ASA\_MS\_\_0PNPDE20100314\_053157\_000000162087\_00377\_42014\_0519.N1
V
V
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20100314\_053157-20050923\_055514.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20100314\_053157-20050923\_055514.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20100314\_053157-20050923\_055514.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20100314\_053157-20050923\_055514.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H
Reference product: ASA\_MS\_\_0PNPDK20100313\_060334\_000000162087\_00363\_42000\_1005.N1
Test product: ASA\_MS\_\_0PNPDE20100315\_050020\_000000162087\_00391\_42028\_0520.N1
H
H
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20100315\_050020-20100313\_060334.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20100315\_050020-20100313\_060334.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20100315\_050020-20100313\_060334.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20100315\_050020-20100313\_060334.png

Polarization: V
Reference product: ASA\_MS\_\_0PNPDK20100312\_095623\_000000162087\_00351\_41988\_1004.N1
Test product: ASA\_MS\_\_0PNPDE20100314\_053157\_000000162087\_00377\_42014\_0519.N1
V
V
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20100314\_053157-20100312\_095623.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20100314\_053157-20100312\_095623.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20100314\_053157-20100312\_095623.png
../../RESULTS/DAILY/\_100315/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20100314\_053157-20100312\_095623.png

MODULE\_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-03-15\_1.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-03-15\_2.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-03-15\_3.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-03-15\_4.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_100315//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 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-03-15\_1.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-03-15\_2.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-03-15\_3.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-03-15 00:00:00 to 2010-03-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100315/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-03-15\_4.dat...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_100315//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_100315/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...

Writing file ./RESULTS/DAILY/\_100315/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-03-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_100315/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...

Writing file ./RESULTS/DAILY/\_100315/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-03-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_100315/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2010-03-15 00:00:00 to 2010-03-15 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...

Writing file ./RESULTS/DAILY/\_100315/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-03-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_100315/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_100315/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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DOPPLER MAP Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 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 = -30.245115 Hz

Writing file ../../RESULTS/DAILY/\_100315//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_100315//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -27.813802 Hz

Writing file ../../RESULTS/DAILY/\_100315//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_100315//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 = 4.6751160 Hz

Writing file ../../RESULTS/DAILY/\_100315//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_100315//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -0.26293018 Hz
Writing file ../../RESULTS/DAILY/_100315//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_100315//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_100315/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...
Writing file ./RESULTS/DAILY/_100315/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-03-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100315/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100315/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...
Writing file ./RESULTS/DAILY/_100315/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-03-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100315/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100315/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100315/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_100315/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...
Writing file ./RESULTS/DAILY/_100315/RAW_DATA/Raw_data_WVS_2010-03-15.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2010-03-15 00:00:00 to 2010-03-15 23:59:59...
Writing file ./RESULTS/DAILY/_100315/RAW_DATA/Raw_data_IMM_2010-03-15.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100315/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

```
#####
```

TELEMETRY ANALYSIS

```
#####
```

```
Analysis will be performed from 2010-03-15 00:00:00 to 2010-03-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100315/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_100315/TELEMETRY...
```

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

```
*****
Checking 26 products from PDE...
Checking 22 products from PDK...
```

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

```
*****
Checking 25 products from PDE...
Checking 41 products from PDK...
```

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

```
*****
Checking 5 products from PDE...
Checking 3 products from PDK...
```

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

```
*****
Checking 32 products from PDE...
Checking 4 products from PDK...
```

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

```
*****
Checking 25 products from PDE...
Checking 18 products from PDK...
Found product..ASA_WSM_1PNPDK20100315_092341_000001282087_00394_42031_8591.N1 / 0 gaps / 1 missing lines
```

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

```
*****
Creating image: ./RESULTS/DAILY/_100315/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_100315/TELEMETRY/TELEMETRY_Gaps.png...
```

TELEMETRY ANALYSIS completed

```
#####
```

HTML REPORT generation

```
#####
```

```
Building file ./RESULTS/DAILY/_100315/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_1PNPDE20100315_022453_000000432087_00390_42027_6695.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100315_035734_000000872087_00391_42028_6721.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100315_093443_000000462087_00394_42031_6806.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100315_110226_000000432087_00395_42032_6842.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100315_232120_000000702087_00402_42039_6938.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100315_110226_000000432087_00395_42032_8609.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100315_124228_000000422087_00396_42033_8631.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100315_131116_000000572087_00396_42033_8658.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_1PNPDE20100315_005242_000010332087_00389_42026_6679.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_011930_000003382087_00389_42026_6683.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_012653_000003082087_00389_42026_6681.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_014040_000001692087_00389_42026_6684.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_020253_000007372087_00389_42026_6706.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_022556_000007252087_00390_42027_6704.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_023951_000006832087_00390_42027_6703.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_025252_000001502087_00390_42027_6702.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_025610_000004472087_00390_42027_6699.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_032820_000000842087_00390_42027_6722.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_033701_000003382087_00390_42027_6720.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_035519_000001322087_00391_42028_6726.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_040101_000018252087_00391_42028_6728.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_043555_000003202087_00391_42028_6724.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_054542_000009122087_00392_42029_6740.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_060502_000007432087_00392_42029_6741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_061810_000000902087_00392_42029_6753.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_062713_000002412087_00392_42029_6751.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_210350_000002472087_00401_42038_6905.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_215030_000003382087_00401_42038_6908.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_222041_000005012087_00402_42039_6920.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_224329_000003382087_00402_42039_6922.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_231643_000001502087_00402_42039_6925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_232830_000002232087_00402_42039_6923.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100315_233606_000001442087_00402_42039_6927.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_073057_000007192087_00393_42030_8561.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_074210_000001082087_00393_42030_8577.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_075841_000009242087_00393_42030_8578.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_082304_000005312087_00393_42030_8580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_091241_000005672087_00394_42031_8582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_100339_000005072087_00394_42031_8600.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_105018_000004532087_00395_42032_8602.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_114849_000002832087_00395_42032_8621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_122853_000007982087_00396_42033_8623.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_124329_000001572087_00396_42033_8640.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_130523_000003502087_00396_42033_8639.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_131233_000001872087_00396_42033_8641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_131543_000003922087_00396_42033_8651.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_132454_000004592087_00396_42033_8650.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_134626_000003682087_00396_42033_8649.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_135334_000005132087_00396_42033_8647.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_140252_000002292087_00397_42034_8652.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_140741_000005432087_00397_42034_8646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_142040_000001142087_00397_42034_8645.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_142134_000003622087_00397_42034_8664.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_143234_000001322087_00397_42034_8665.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_144339_000004162087_00397_42034_8668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_150527_000001502087_00397_42034_8667.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_150948_000000962087_00397_42034_8669.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_151414_000001502087_00397_42034_8671.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_153555_000004772087_00397_42034_8672.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_155022_000004412087_00398_42035_8674.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_160719_000006892087_00398_42035_8689.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_162040_000000662087_00398_42035_8690.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_164607_000001142087_00398_42035_8692.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_172304_000008102087_00399_42036_8695.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_173525_000000782087_00399_42036_8708.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_174449_000000962087_00399_42036_8707.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_174722_000002472087_00399_42036_8709.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_175243_000002592087_00399_42036_8711.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_182642_000000902087_00399_42036_8710.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_183404_000001382087_00399_42036_8714.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_185921_000007982087_00400_42037_8715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_192152_000004472087_00400_42037_8726.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20100315_200717_000004282087_00400_42037_8727.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100315_203006_000010632087_00400_42037_8730.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_1PNPDE20100315_014326_000003882087_00389_42026_6693.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_025111_000000922087_00390_42027_6697.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_025521_000000372087_00390_42027_6698.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_032046_000002322087_00390_42027_6713.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_032555_000001332087_00390_42027_6716.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_043124_000002612087_00391_42028_6729.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_050140_000001622087_00391_42028_6736.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_050510_000002122087_00391_42028_6738.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_054238_000001712087_00392_42029_6745.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_061721_000000372087_00392_42029_6747.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_064303_000001622087_00392_42029_6748.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_111607_000000532087_00395_42032_6844.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_111722_000000532087_00395_42032_6852.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_114338_000003032087_00395_42032_6863.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_150800_000000972087_00397_42034_6887.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_154348_000003822087_00398_42035_6885.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_162150_000000862087_00398_42035_6894.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_164807_000003262087_00398_42035_6895.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_165359_000002302087_00398_42035_6890.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_174629_000000392087_00399_42036_6898.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_175128_000000682087_00399_42036_6899.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_175701_000001302087_00399_42036_6900.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_182813_000003412087_00399_42036_6901.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_185142_000000372087_00399_42036_6897.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_192918_000002732087_00400_42037_6904.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_201425_000002232087_00400_42037_6902.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_210754_000003712087_00401_42038_6916.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_214840_000000972087_00401_42038_6917.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_224908_000002272087_00402_42039_6936.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_231915_000000372087_00402_42039_6937.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100315_233215_000002232087_00402_42039_6918.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100315_064633_000002832087_00392_42029_8567.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100315_110834_000001492087_00395_42032_8611.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100315_205100_000001062087_00401_42038_8737.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100315_223948_000002082087_00402_42039_8755.N1					OK	OK	OK	OK

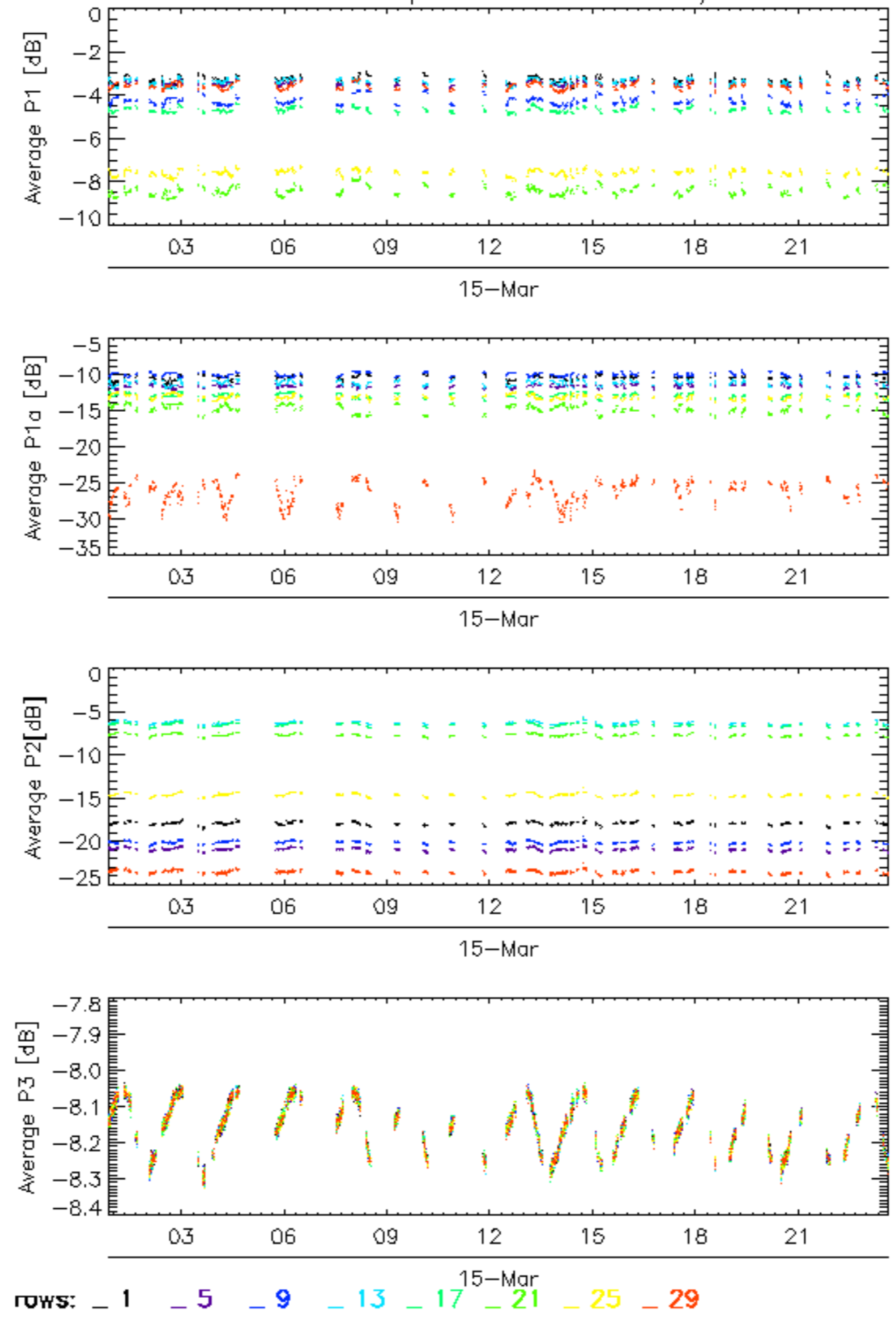
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20100315_001017_000002812087_00388_42025_6668.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_004738_000003002087_00389_42026_6676.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_015026_000002812087_00389_42026_6694.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_023809_000000982087_00390_42027_6696.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_032954_000003062087_00390_42027_6717.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_050854_000001842087_00391_42028_6743.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_051228_000001042087_00391_42028_6744.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_062038_000000862087_00392_42029_6746.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_074407_000004532087_00393_42030_6776.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_092213_000001222087_00394_42031_6802.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_093144_000000922087_00394_42031_6805.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_093906_000002452087_00394_42031_6810.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_101212_000002812087_00394_42031_6857.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_105759_000001842087_00395_42032_6841.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_110319_000000672087_00395_42032_6843.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_142744_000001652087_00397_42034_6886.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_151138_000001532087_00397_42034_6888.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_151653_000001282087_00397_42034_6889.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_160529_000001042087_00398_42035_6892.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_161851_000000982087_00398_42035_6893.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_165818_000000982087_00398_42035_6891.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_183630_000002262087_00399_42036_6896.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_201839_000001282087_00400_42037_6903.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_215613_000003982087_00401_42038_6915.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100315_233837_000003002087_00402_42039_6935.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_060100_000002392087_00392_42029_8554.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_065126_000002142087_00392_42029_8569.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_083203_000002262087_00393_42030_8590.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_092341_000001282087_00394_42031_8591.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_093046_000000922087_00394_42031_8593.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_110016_000000982087_00395_42032_8608.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_110319_000002812087_00395_42032_8610.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_115341_000002202087_00395_42032_8622.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_124614_000002262087_00396_42033_8632.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_133240_000002942087_00396_42033_8660.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_141652_000002202087_00397_42034_8654.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_155749_000004222087_00398_42035_8682.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_173654_000004712087_00399_42036_8702.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_191243_000005442087_00400_42037_8723.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_205412_000000862087_00401_42038_8738.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_205618_000000862087_00401_42038_8739.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_205830_000003062087_00401_42038_8740.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100315_223621_000001842087_00402_42039_8754.N1					OK	OK	OK	OK

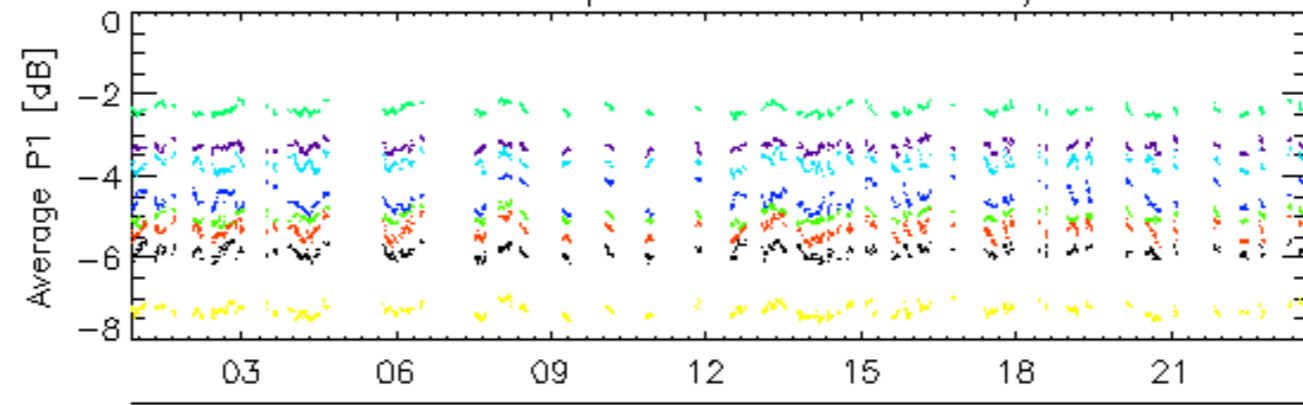
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20100315_002015_000016042087_00388_42025_6677.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_011000_000005252087_00389_42026_6678.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_012512_000000592087_00389_42026_6682.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_013205_000004652087_00389_42026_6680.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_015506_000001052087_00389_42026_6685.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_015606_000003602087_00389_42026_6705.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_021510_000004942087_00390_42027_6701.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_030336_000005542087_00390_42027_6700.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_031236_000002552087_00390_42027_6719.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_033501_000000752087_00390_42027_6718.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_034243_000007192087_00390_42027_6725.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_035908_000000752087_00391_42028_6727.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_044115_000007792087_00391_42028_6723.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_045400_000003452087_00391_42028_6739.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_051446_000015892087_00391_42028_6752.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_062204_000002542087_00392_42029_6750.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_063116_000002242087_00392_42029_6749.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_211410_000019792087_00401_42038_6906.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_220249_000000752087_00401_42038_6907.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_220319_000000452087_00401_42038_6919.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_223133_000002402087_00402_42039_6921.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_225302_000013792087_00402_42039_6924.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_232237_000003002087_00402_42039_6926.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_234334_000002852087_00402_42039_6928.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100315_234734_000016642087_00402_42039_6940.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_063446_000004202087_00392_42029_8556.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100315_081407_000004952087_00393_42030_8579.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_083558_000021592087_00393_42030_8581.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_094343_000011542087_00394_42031_8599.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_101652_000019642087_00394_42031_8601.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_111108_000002542087_00395_42032_8619.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_111820_000014842087_00395_42032_8620.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_115723_000018402087_00395_42032_8624.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_125002_000008692087_00396_42033_8642.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_132216_000001202087_00396_42033_8648.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_133745_000004802087_00396_42033_8644.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_143453_000004792087_00397_42034_8666.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_145036_000008552087_00397_42034_8670.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_151905_000009592087_00397_42034_8673.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_162321_000013192087_00398_42035_8691.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_165955_000013492087_00398_42035_8693.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_175916_000016042087_00399_42036_8713.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_184516_000003452087_00399_42036_8712.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_185226_000003742087_00399_42036_8716.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_193357_000019492087_00400_42037_8728.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100315_202050_000005102087_00400_42037_8729.N1					OK	OK	OK	OK

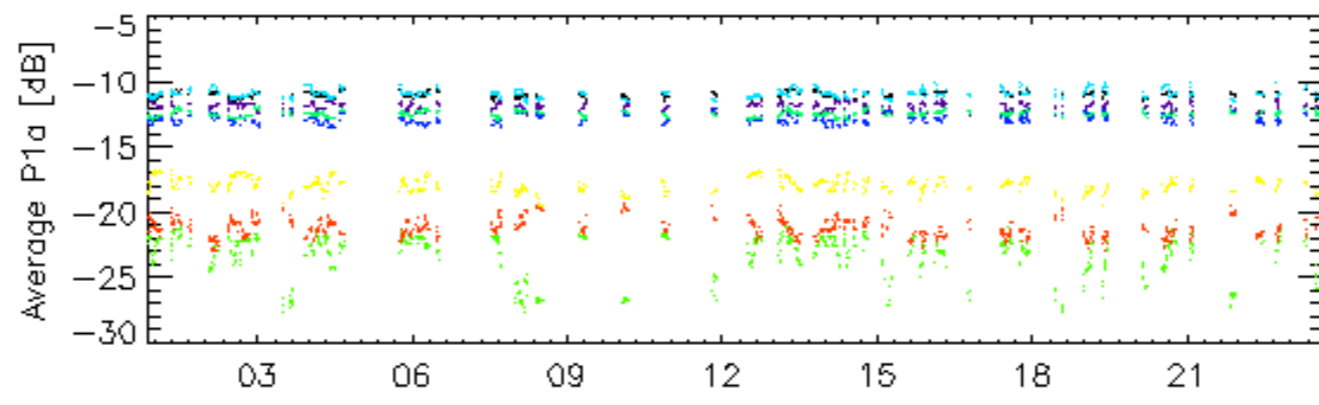
### Calibration pulses for GM1 SS3 H/H



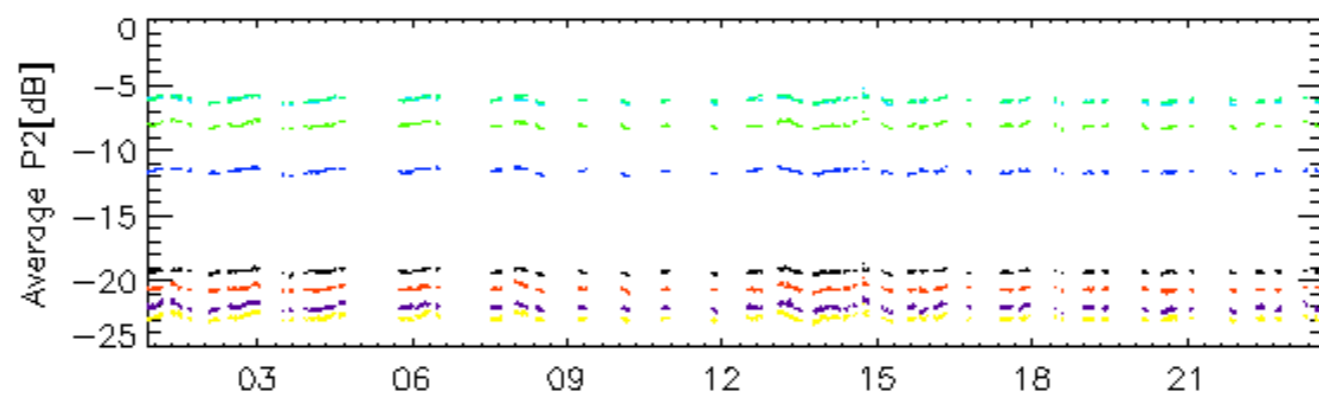
### Calibration pulses for GM1 SS3 H/H



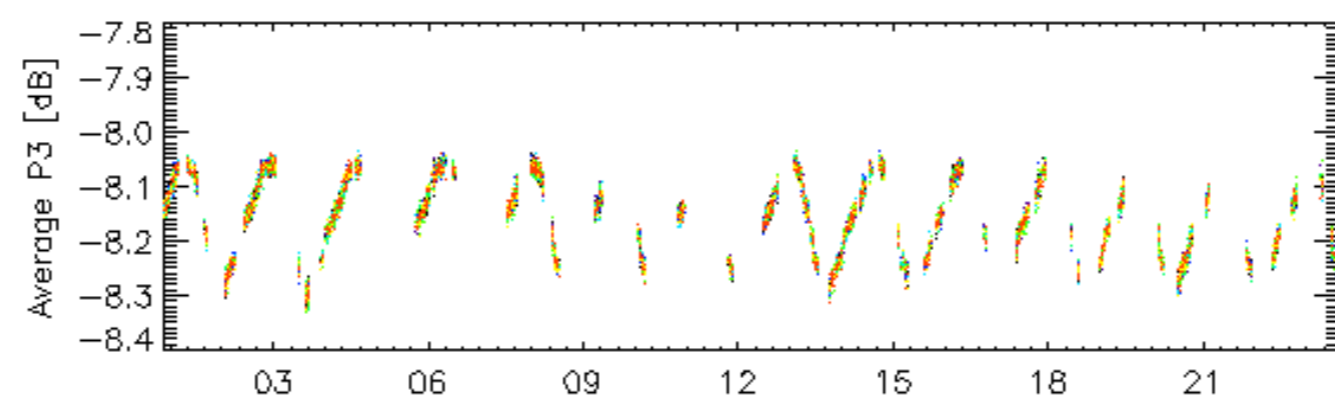
15-Mar



15-Mar



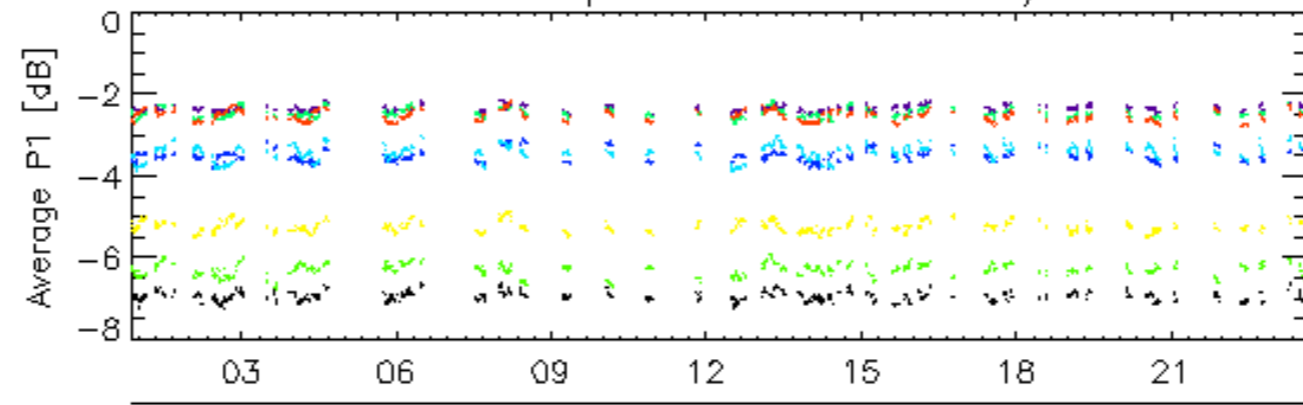
15-Mar



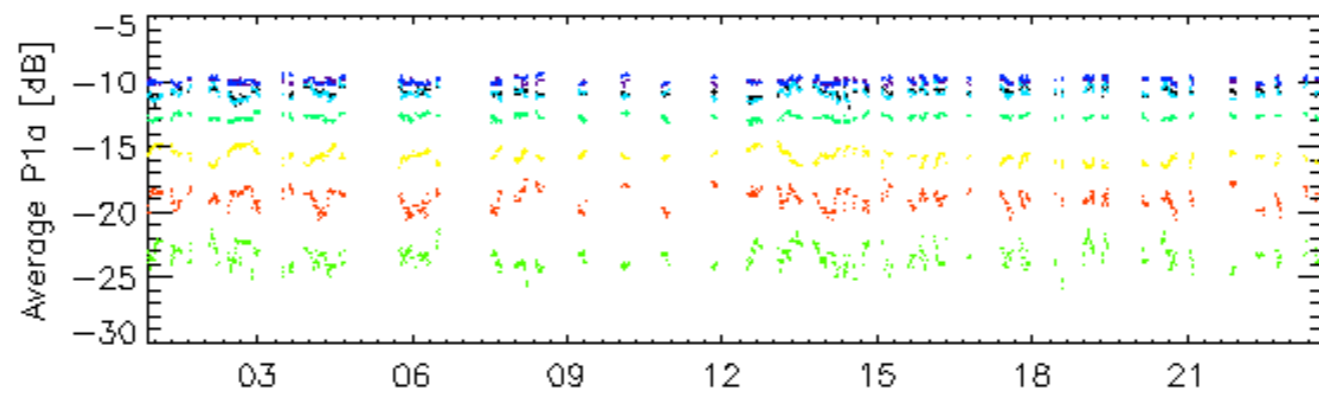
15-Mar

rows: — 2 — 6 — 10 — 14 — 18 — 22 — 26 — 30

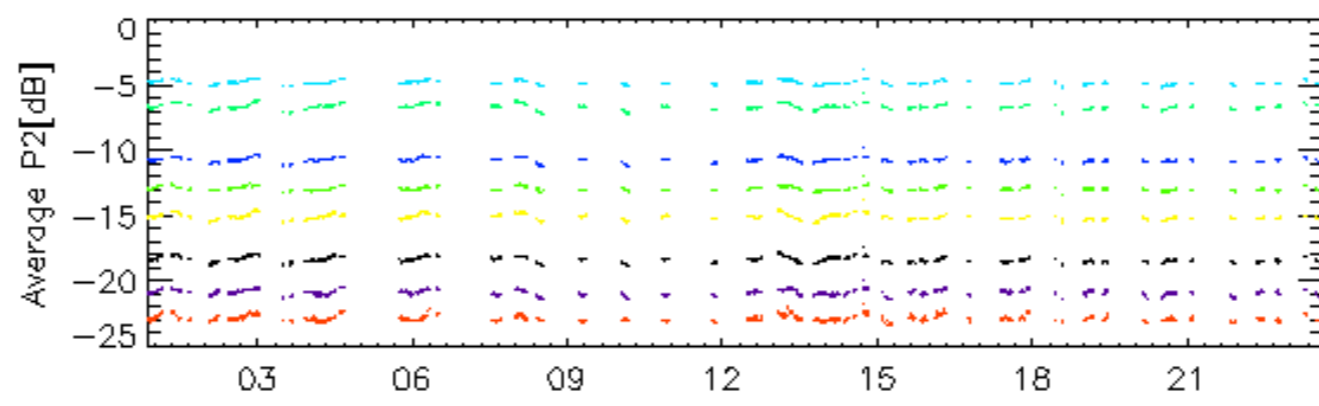
Calibration pulses for GM1 SS3 H/H



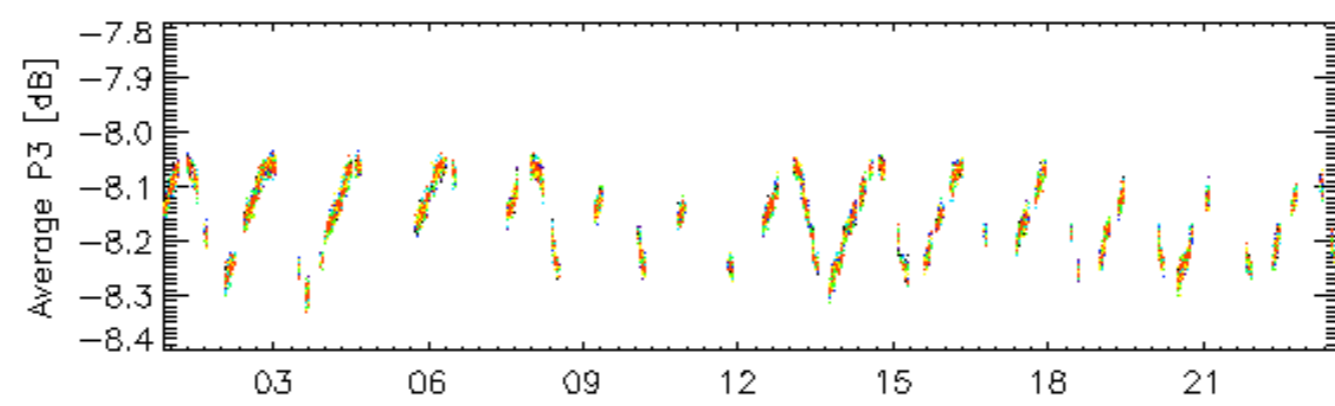
15-Mar



15-Mar



15-Mar

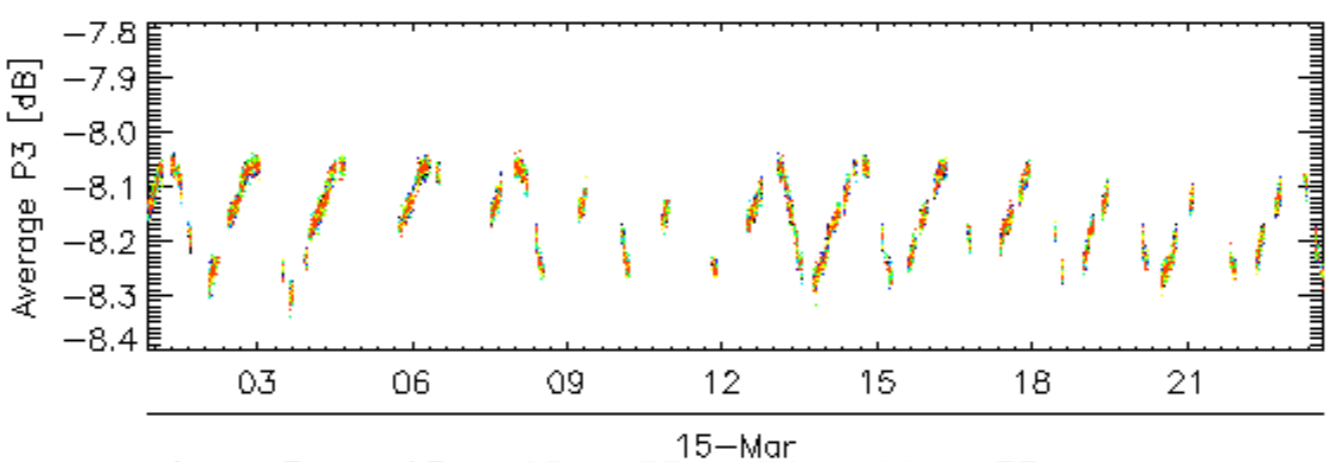
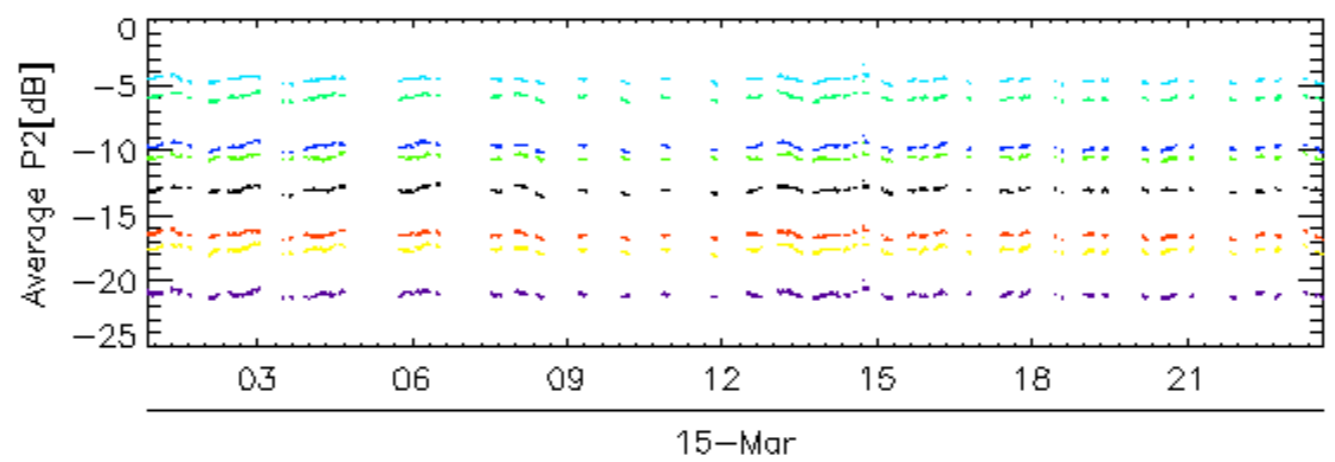
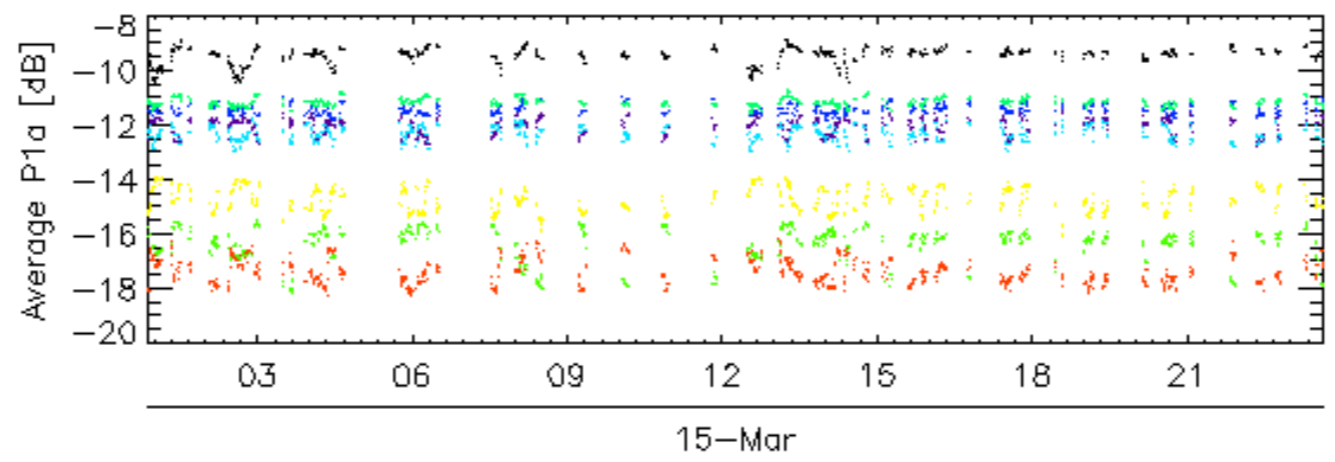
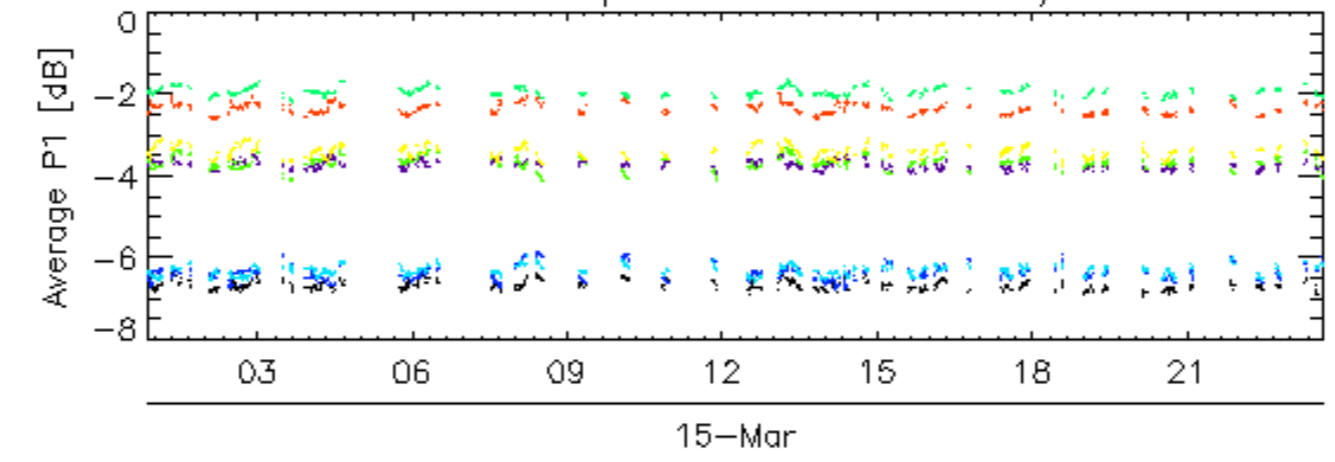


15-Mar

rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

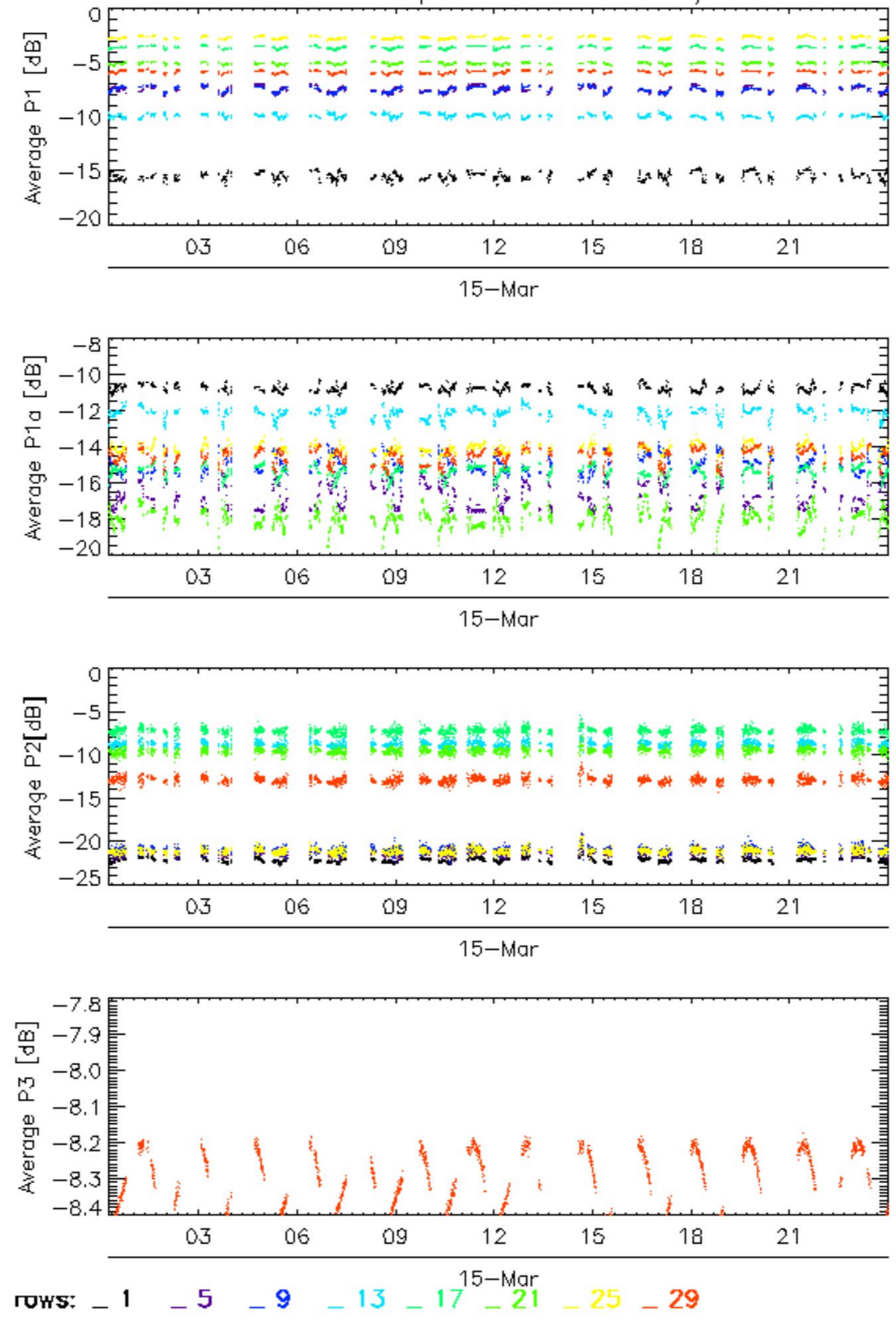


### Calibration pulses for GM1 SS3 H/H

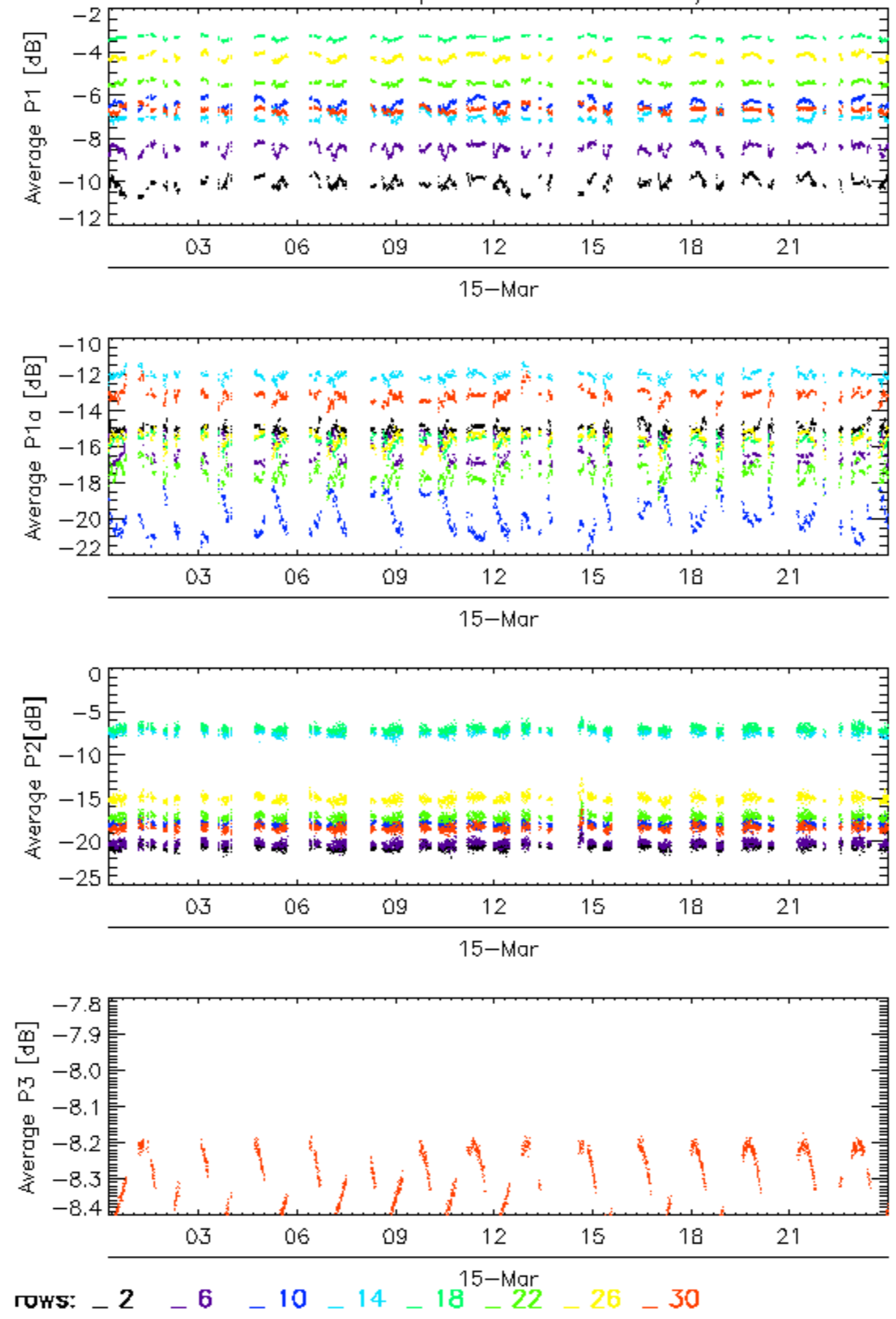


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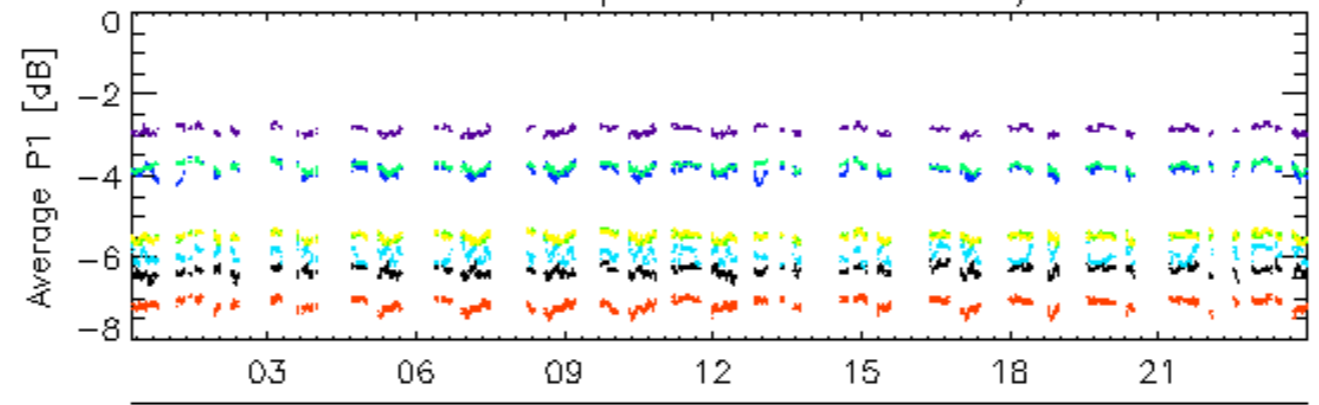
Calibration pulses for WVS IS2 V/V



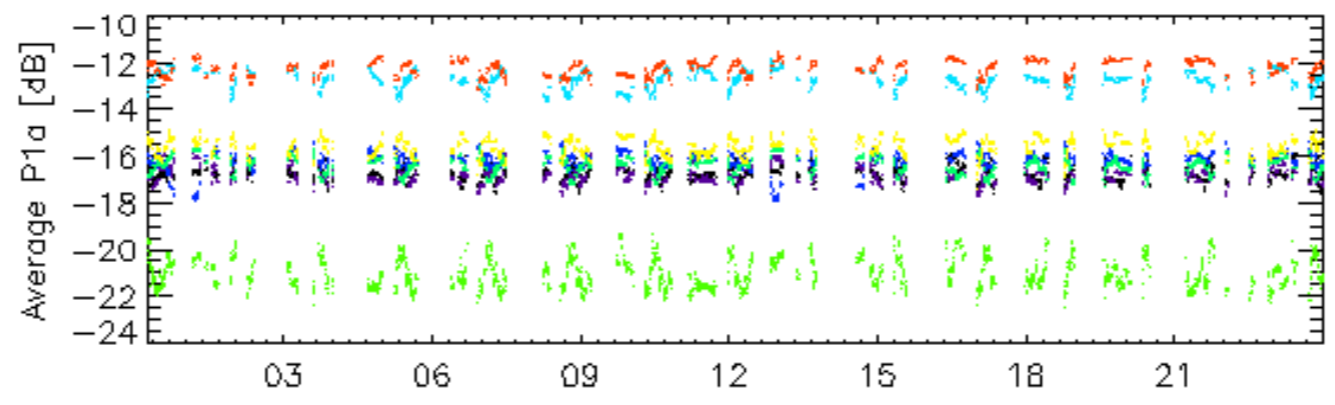
Calibration pulses for WVS IS2 V/V



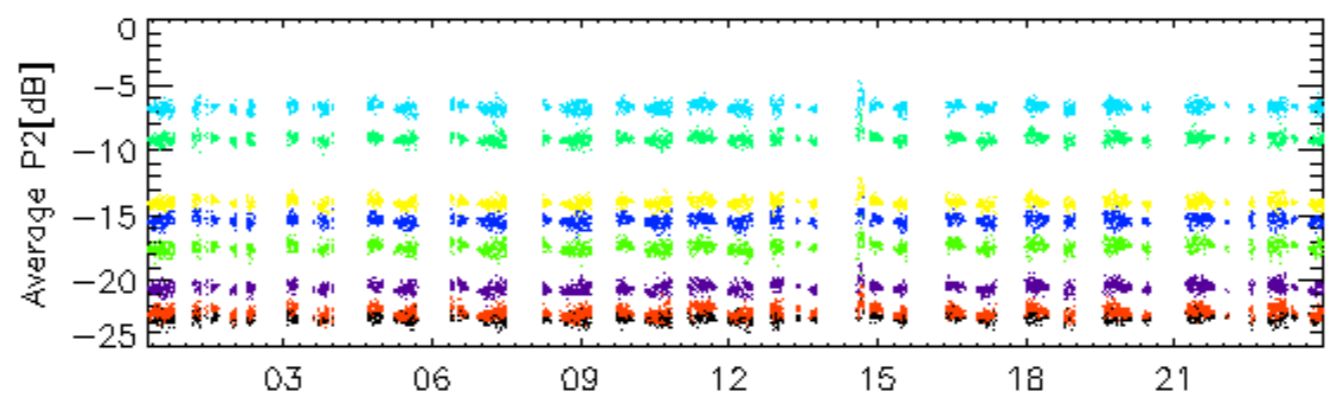
Calibration pulses for WVS IS2 V/V



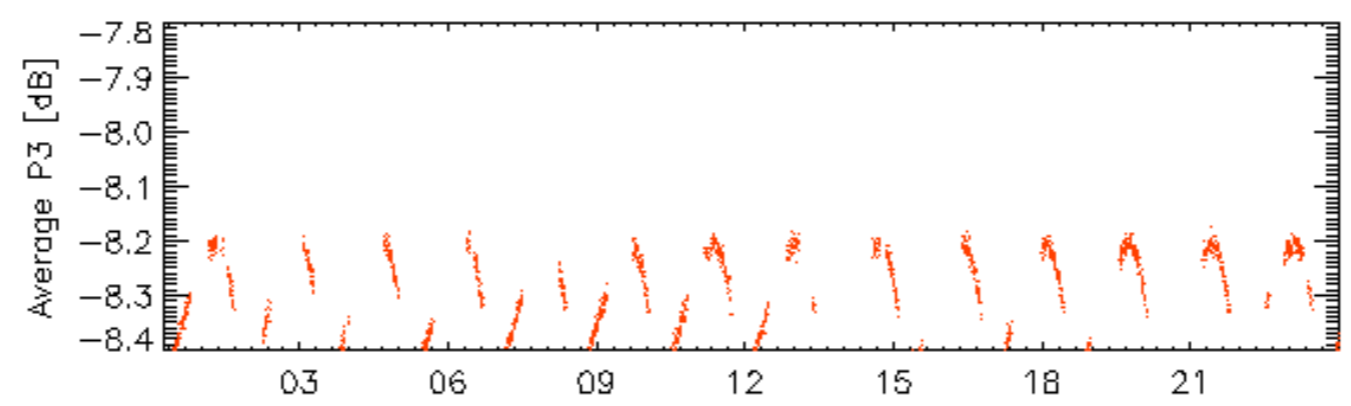
15-Mar



15-Mar



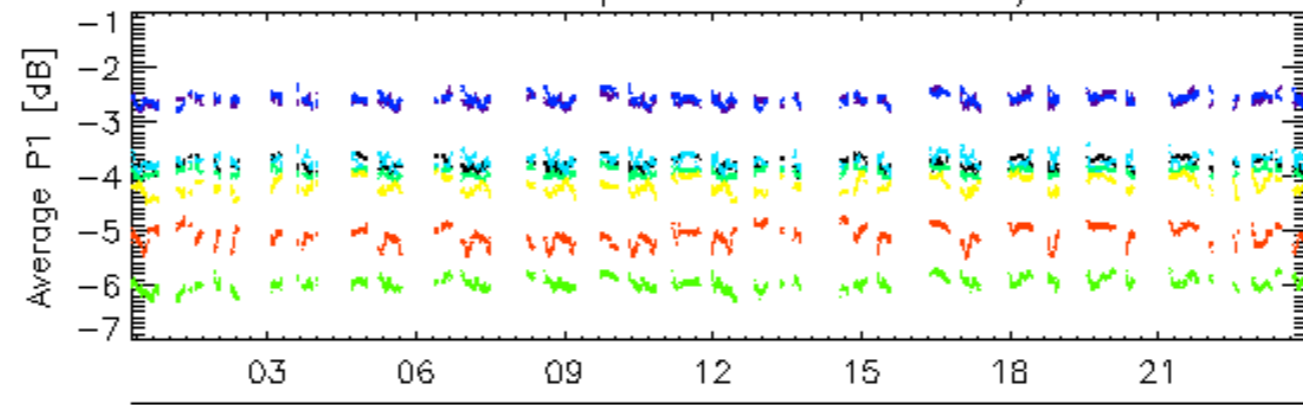
15-Mar



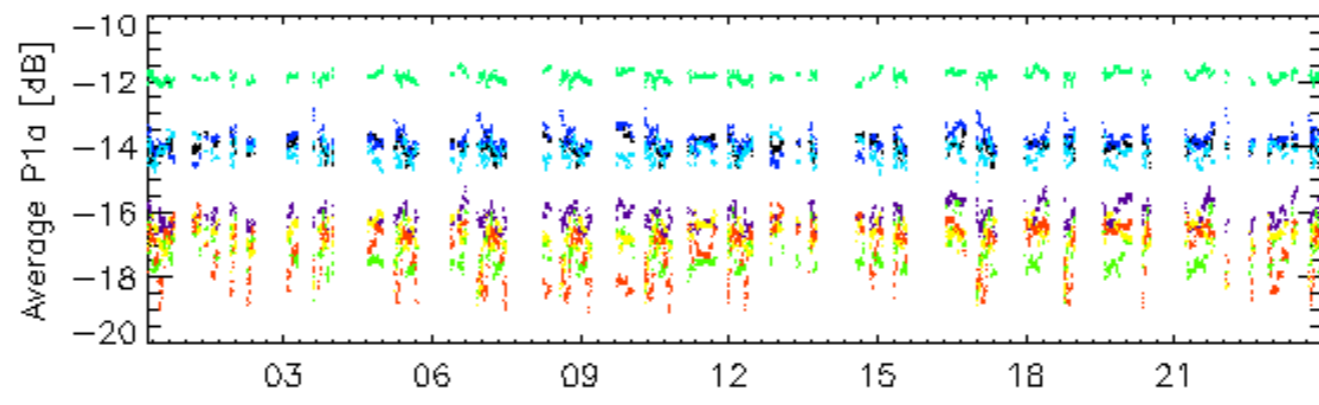
15-Mar

rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

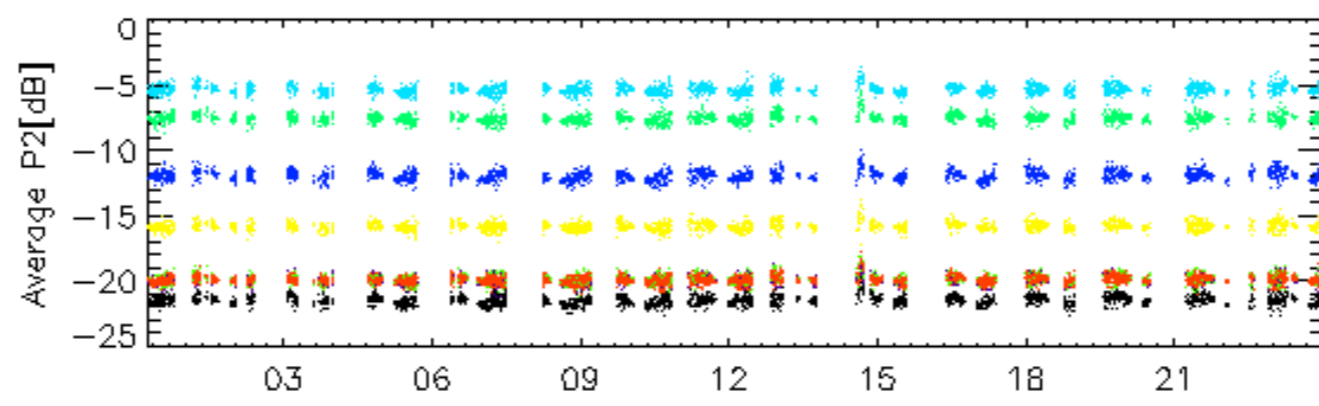
Calibration pulses for WVS IS2 V/V



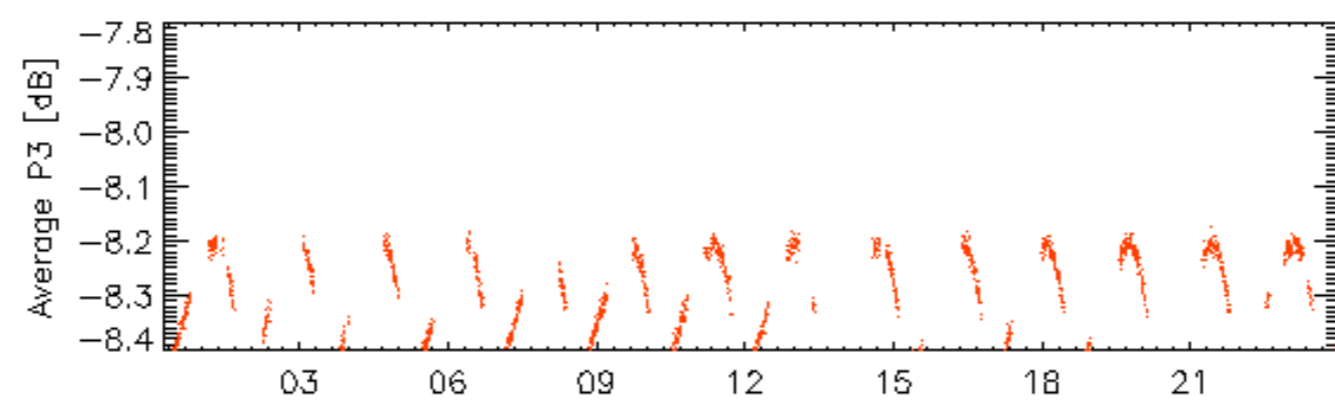
15-Mar



15-Mar

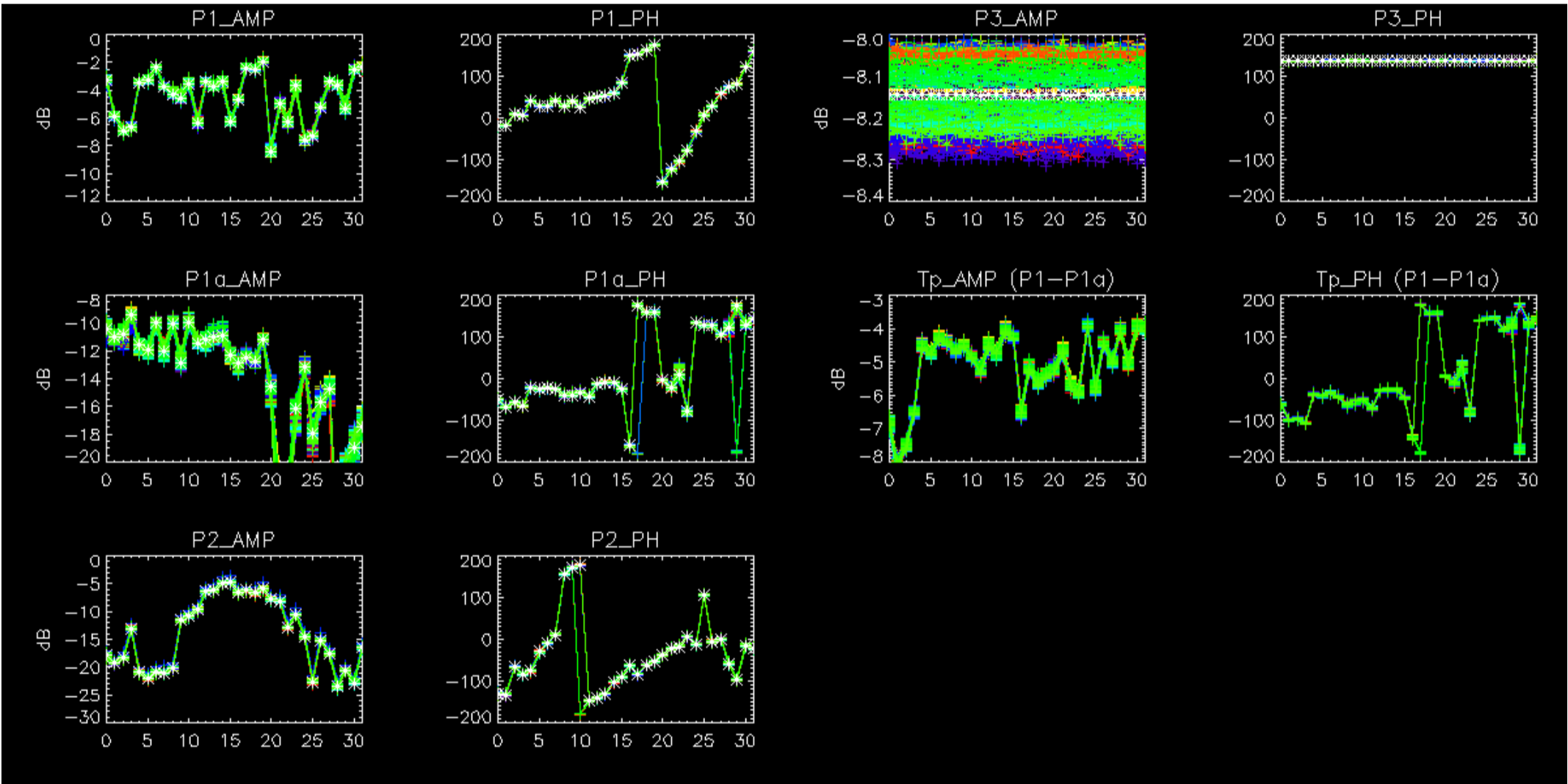


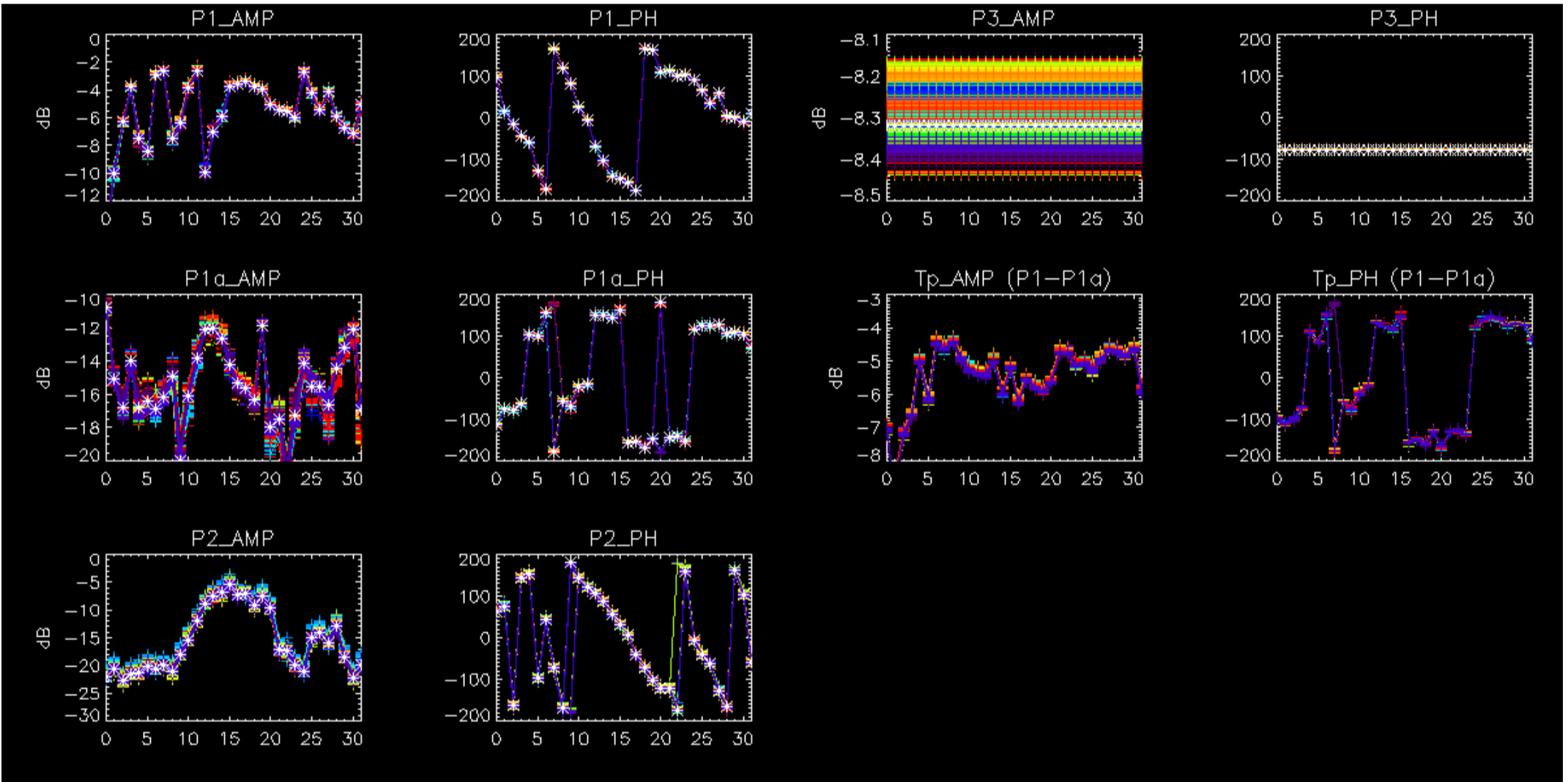
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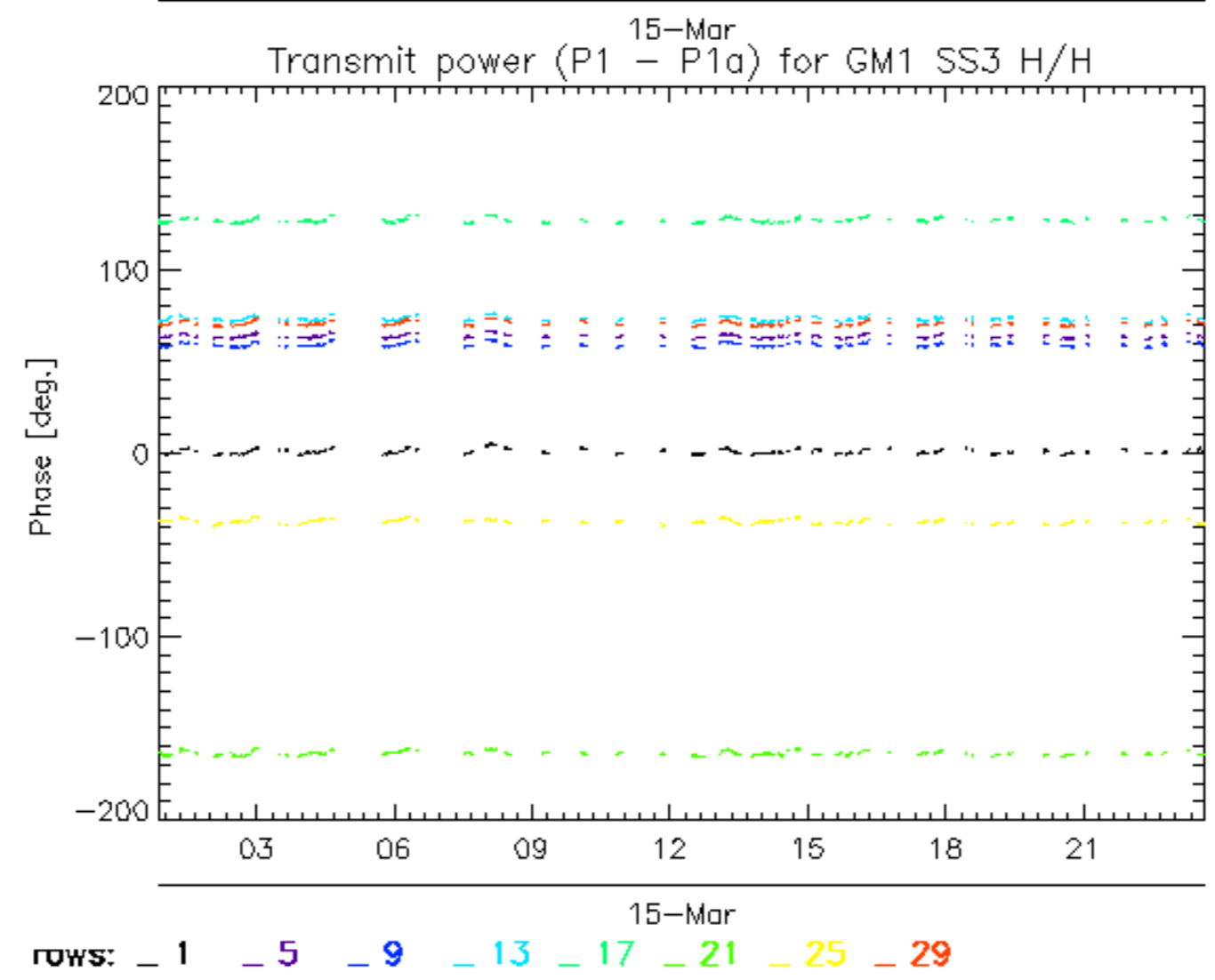
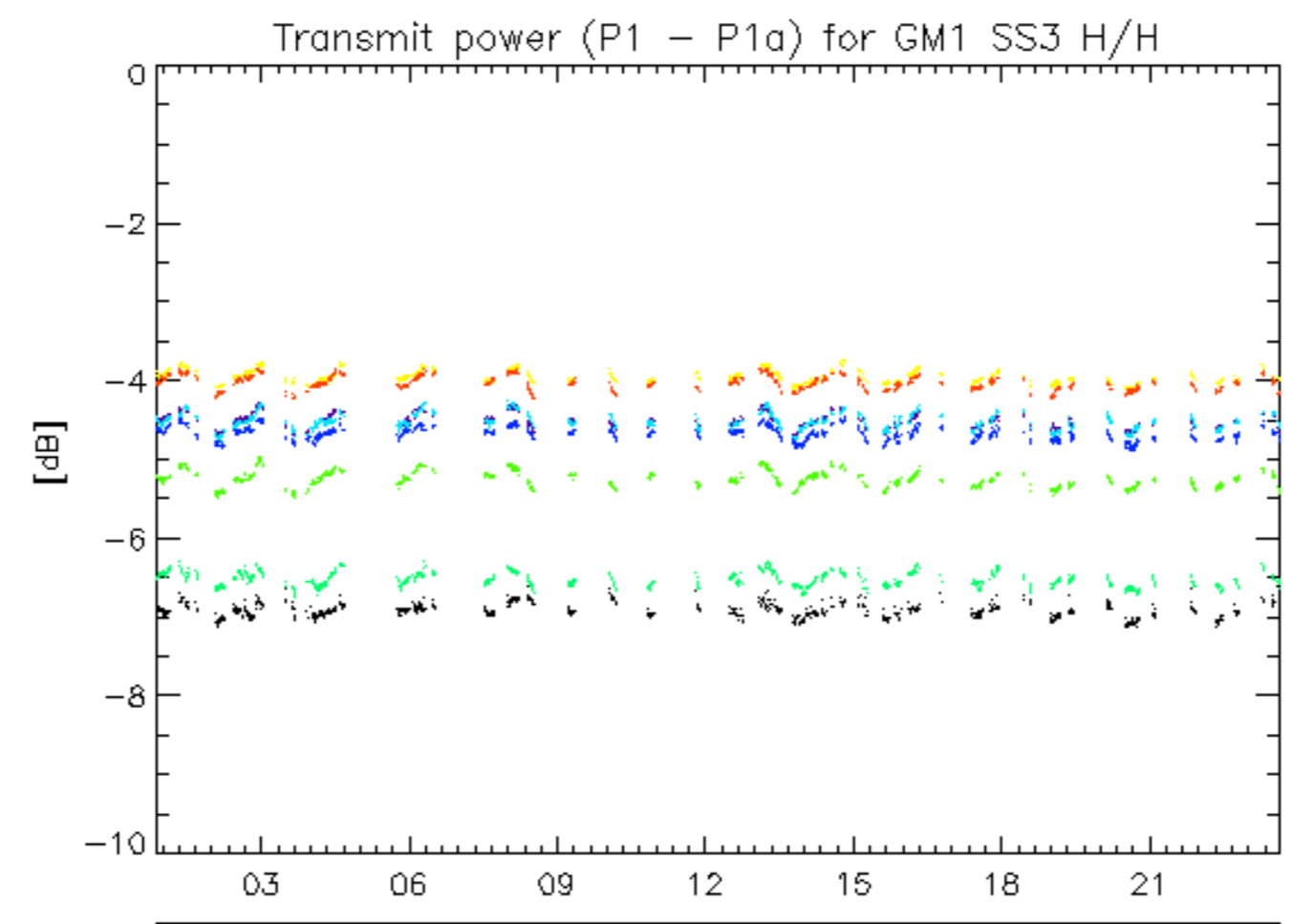


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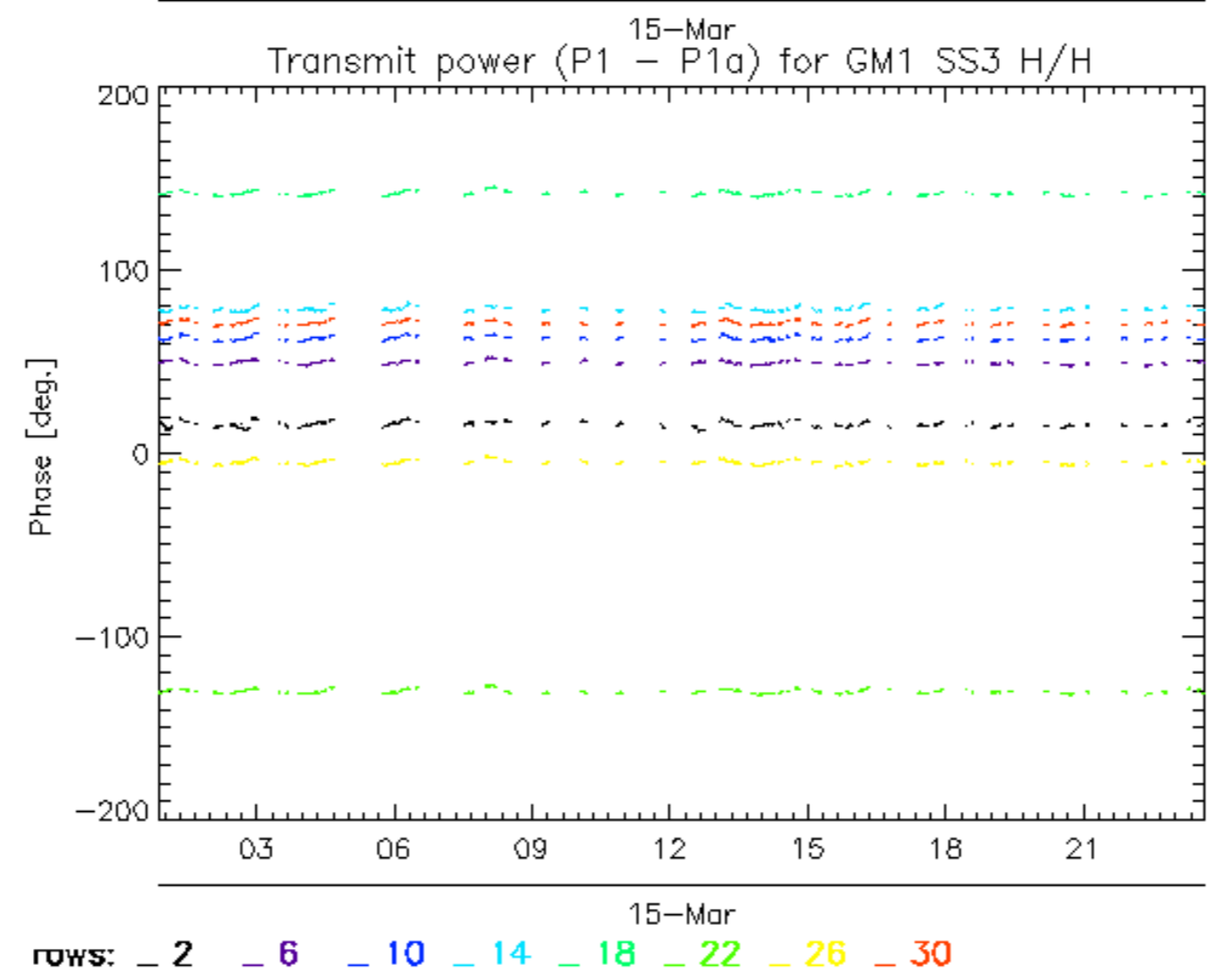
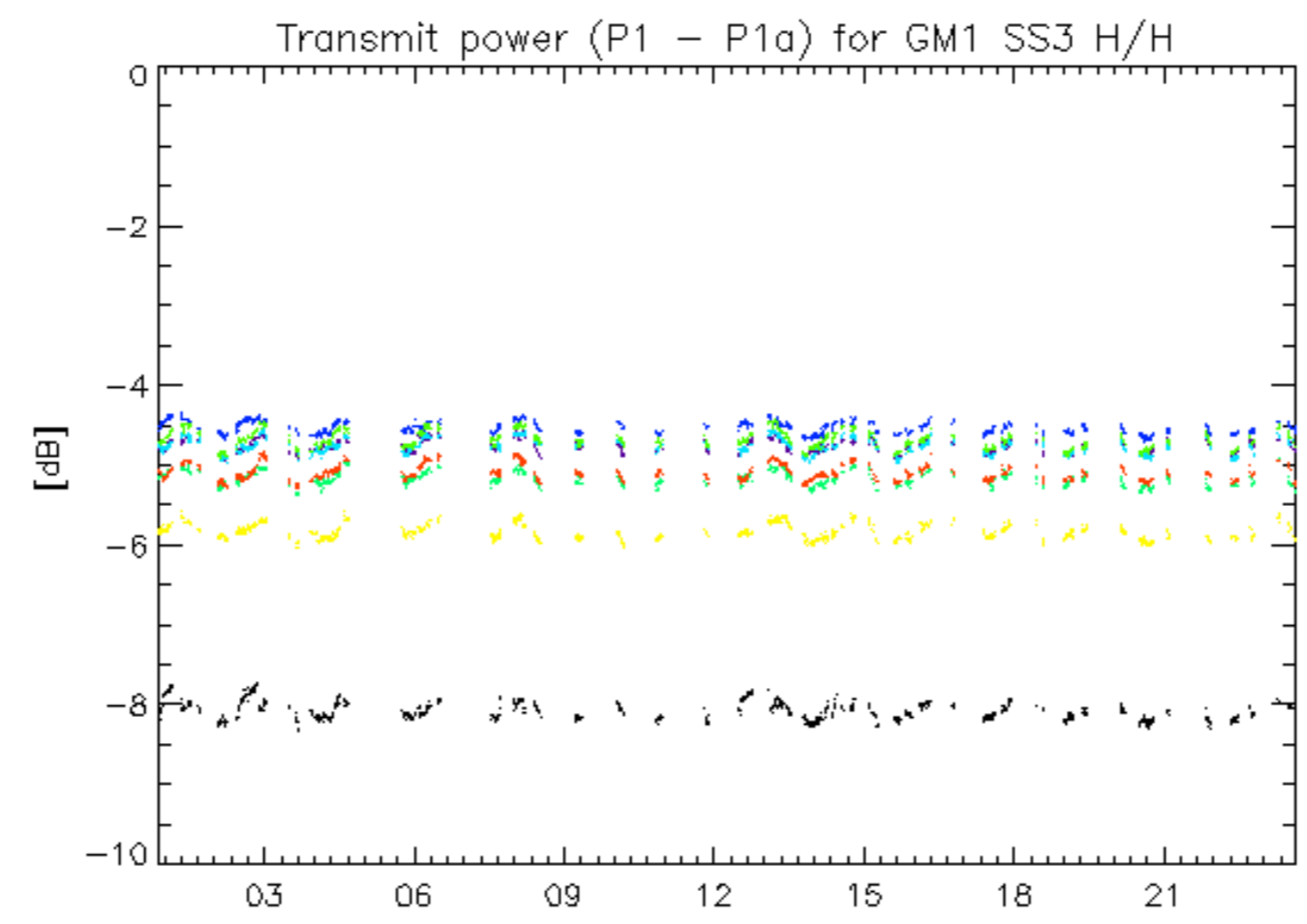
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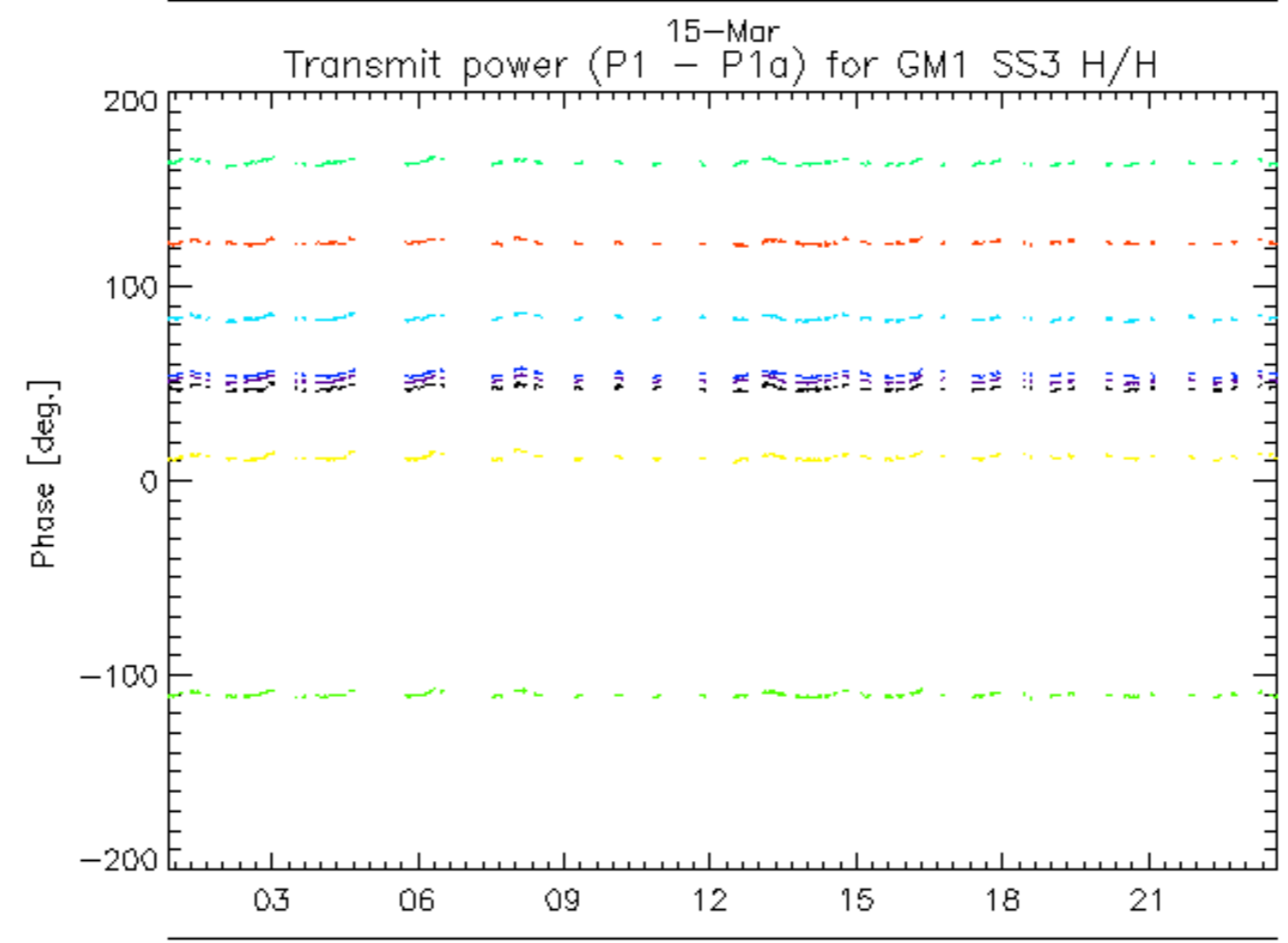
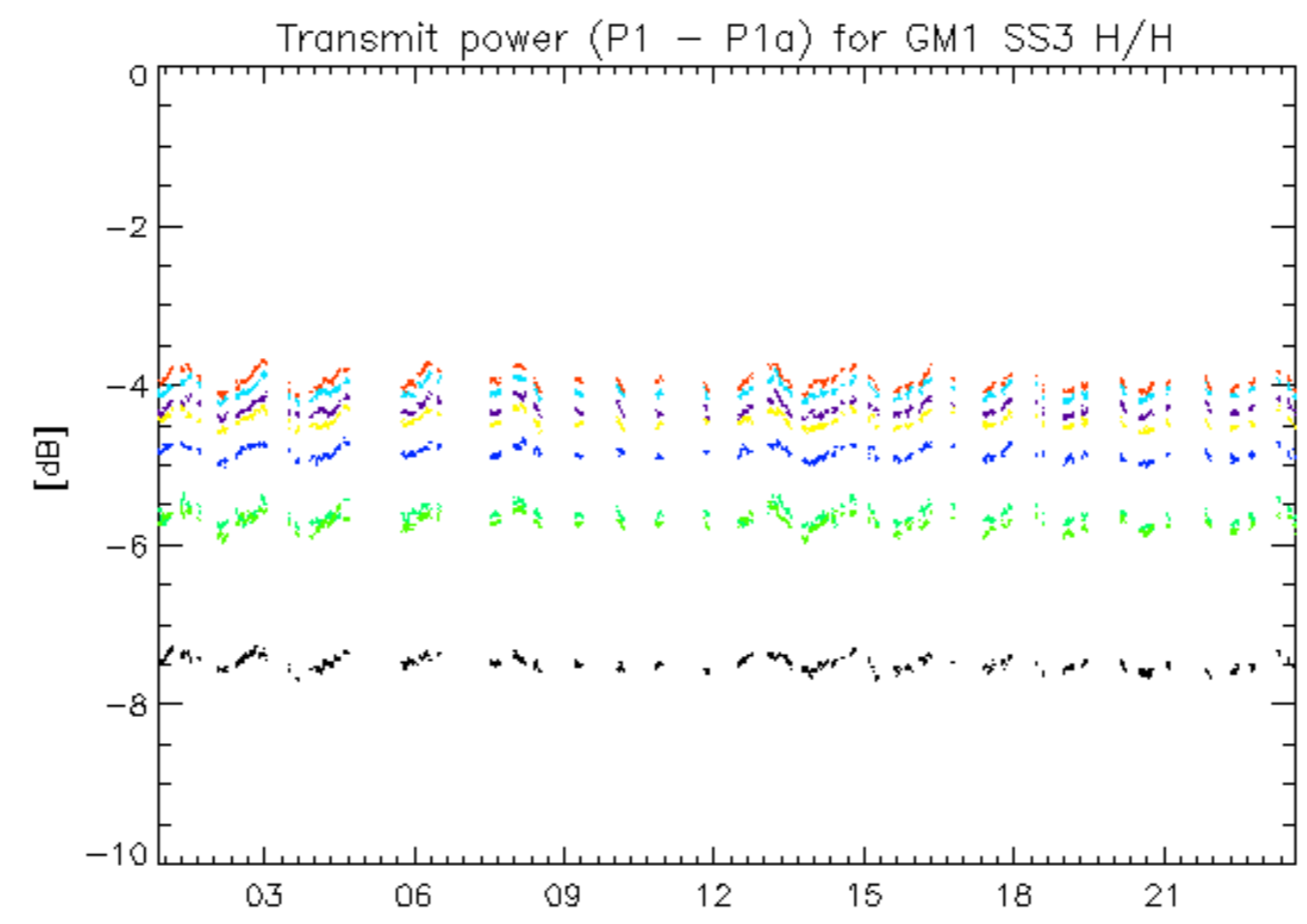




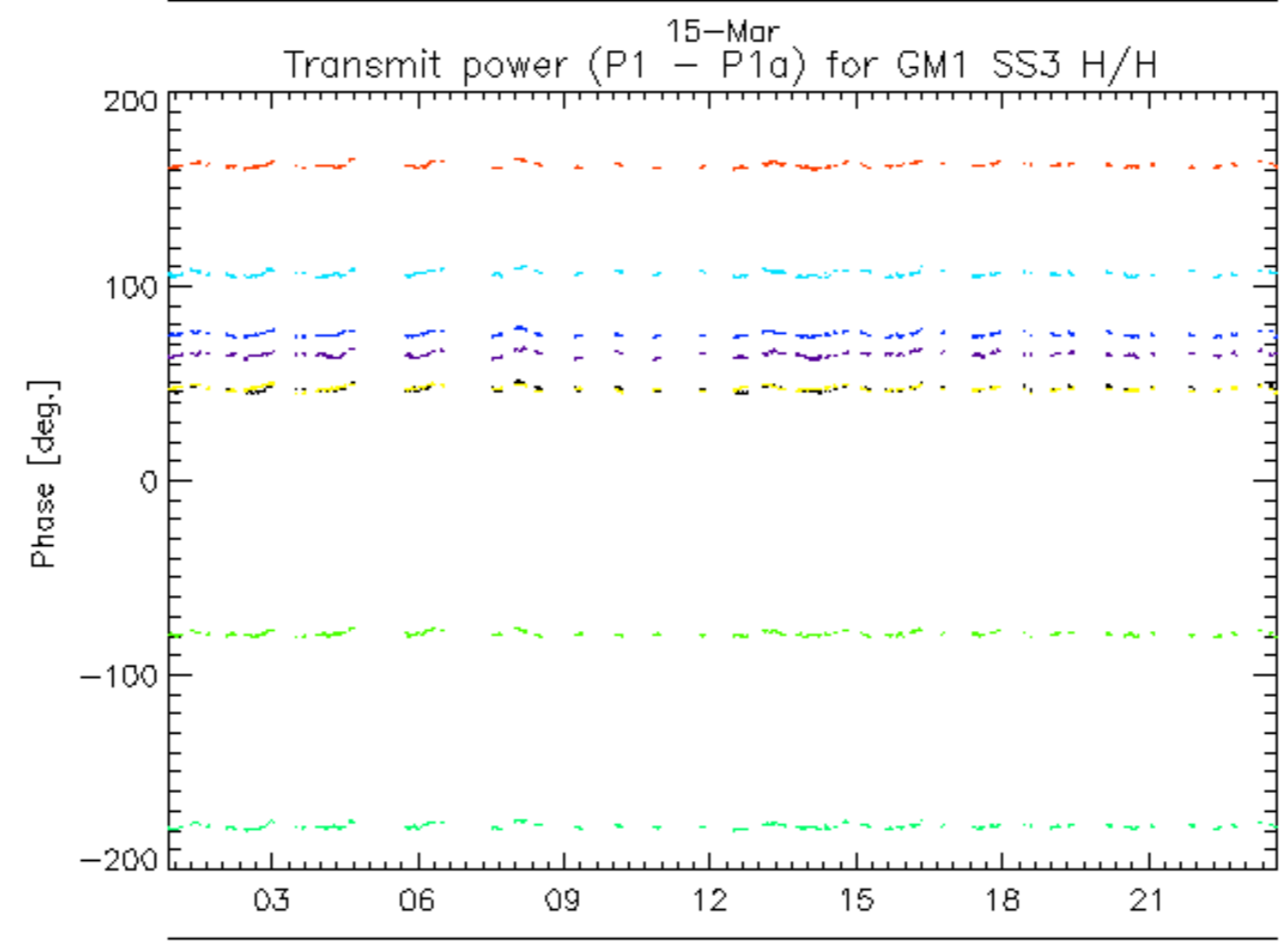
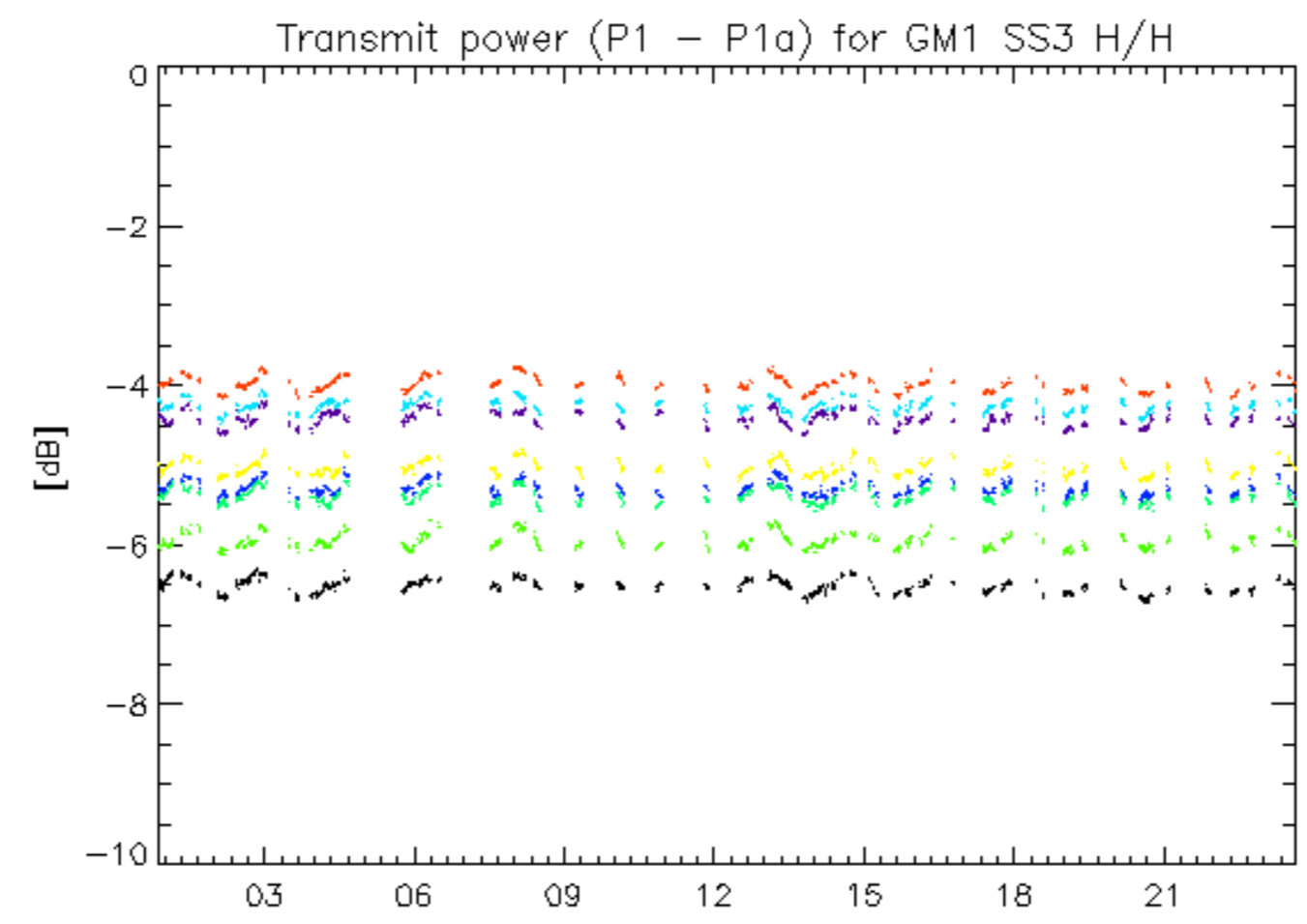




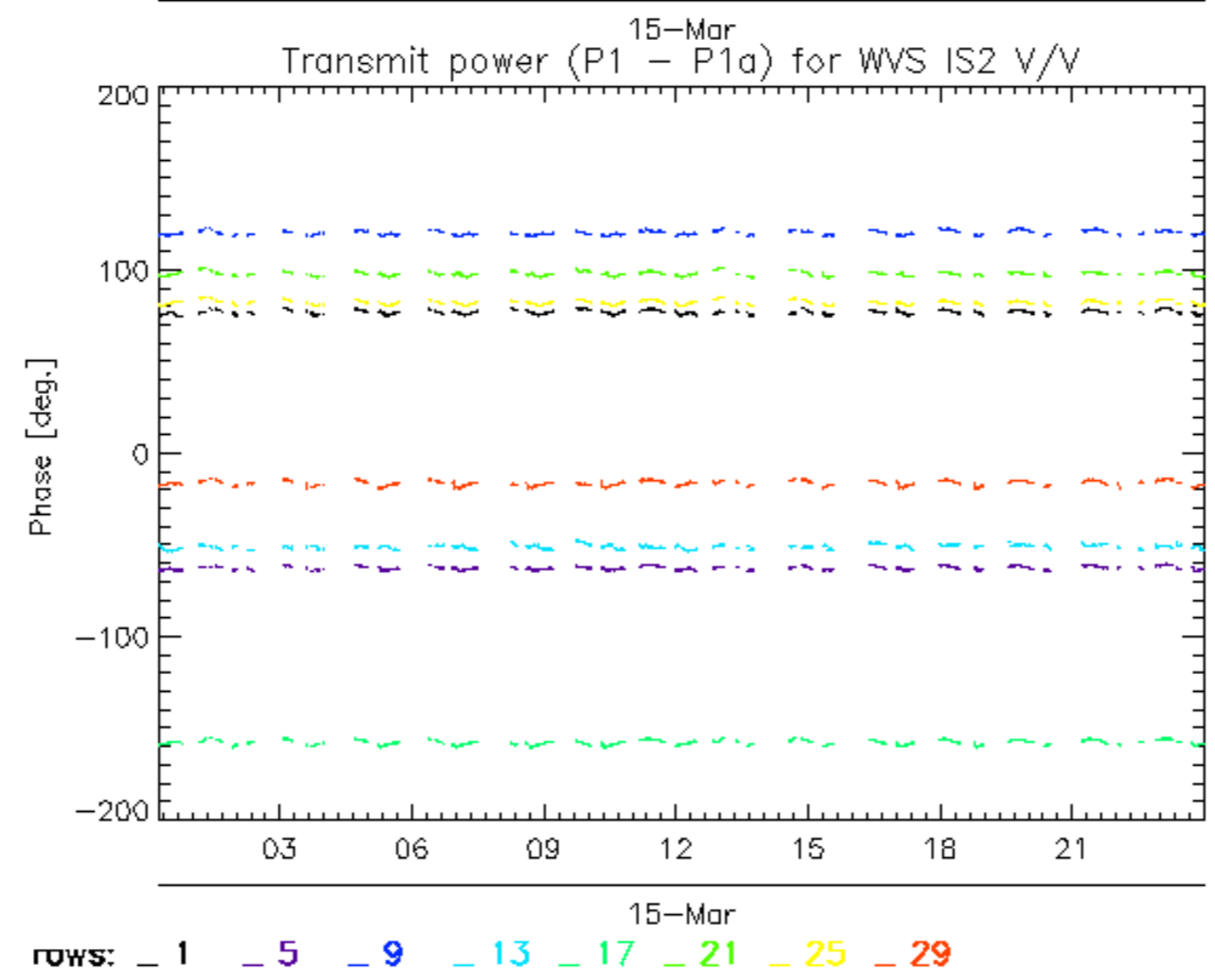
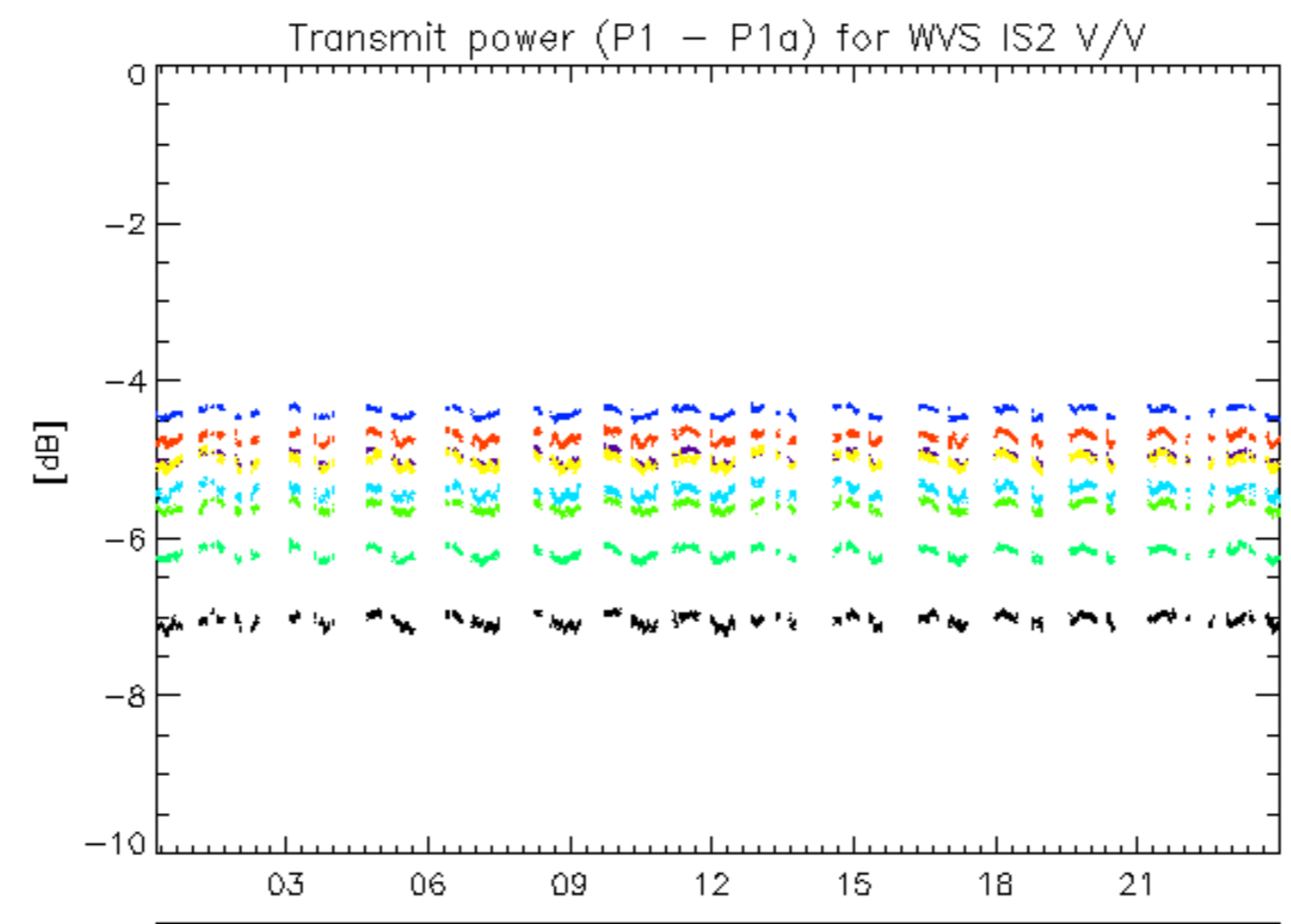


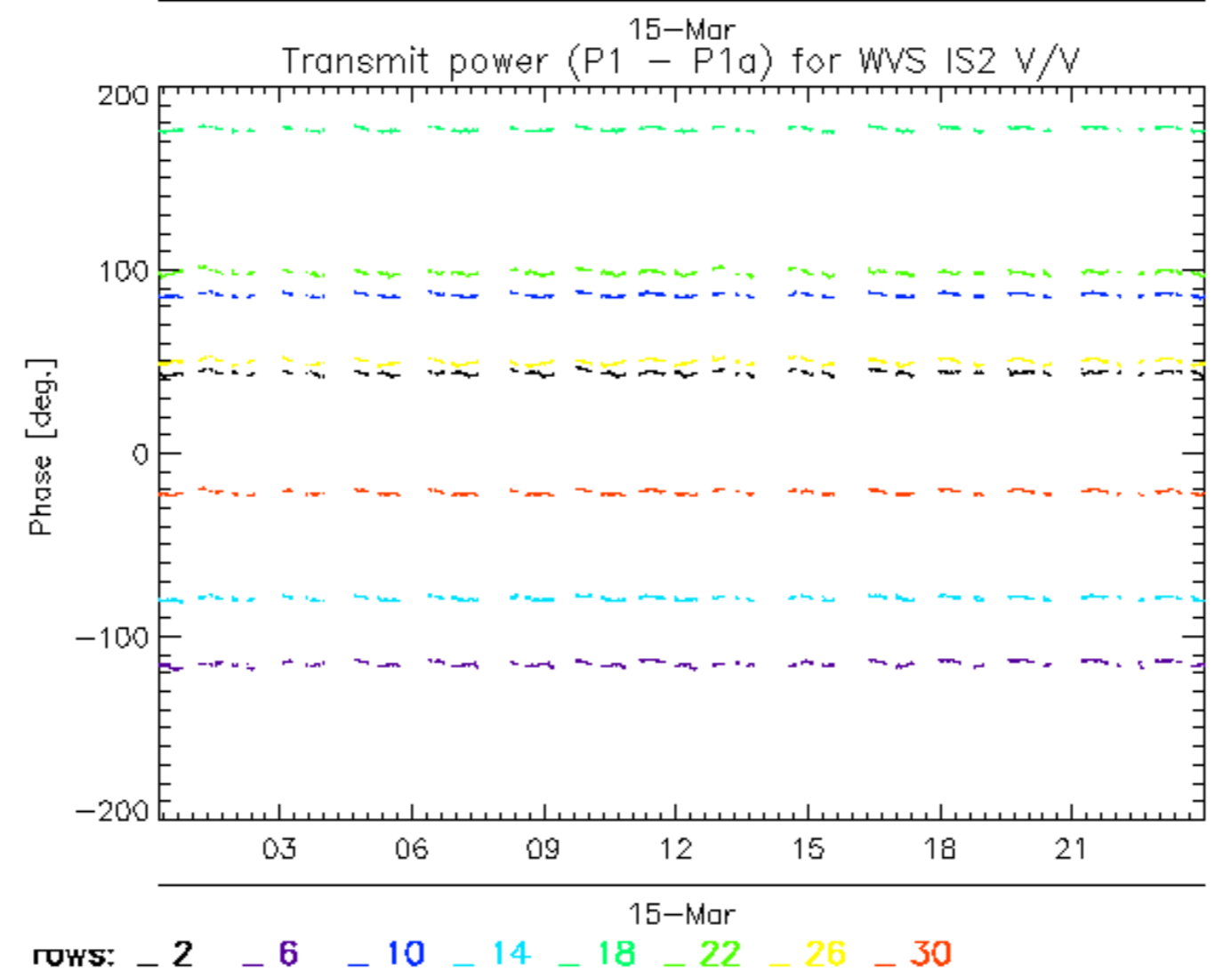
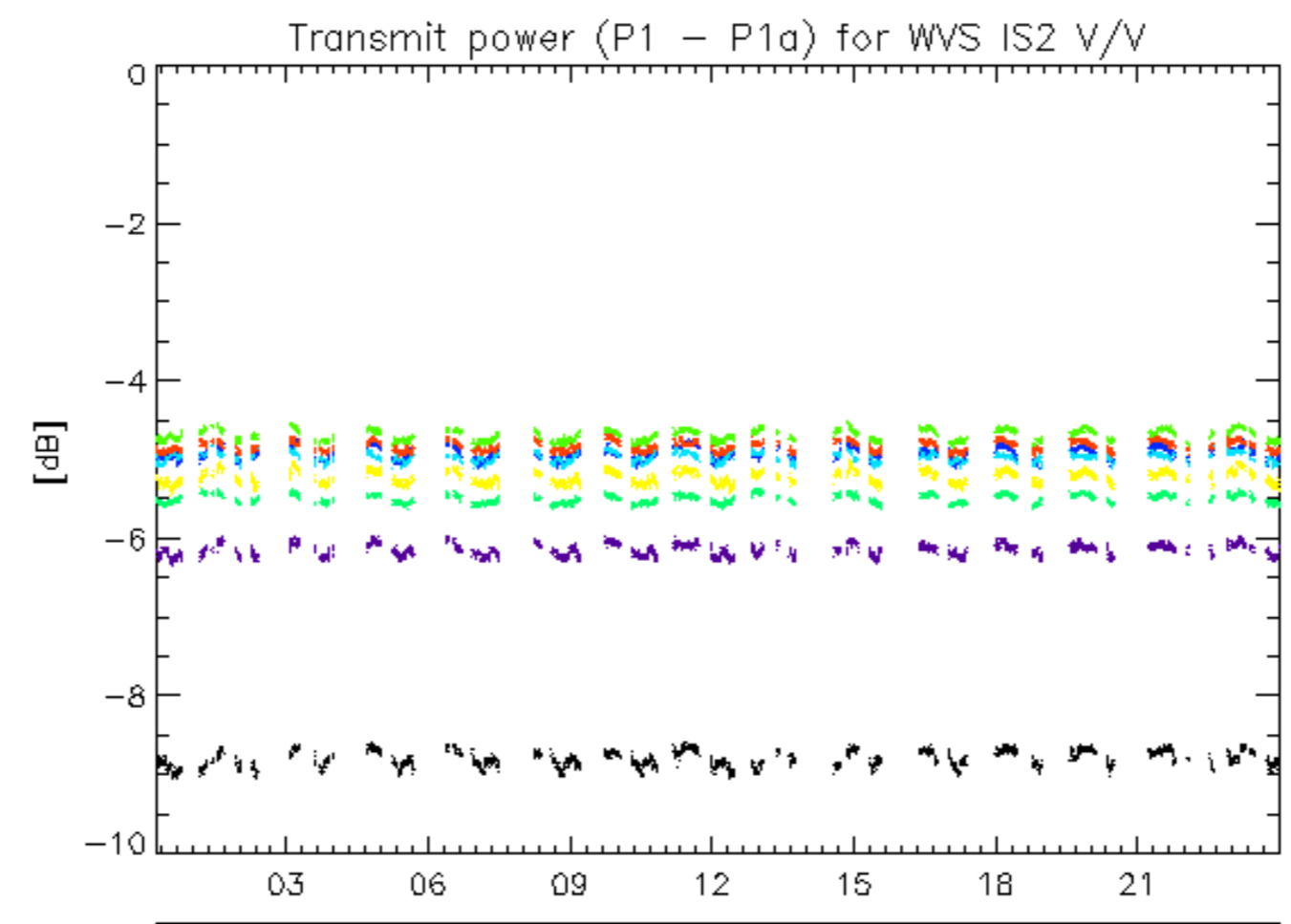


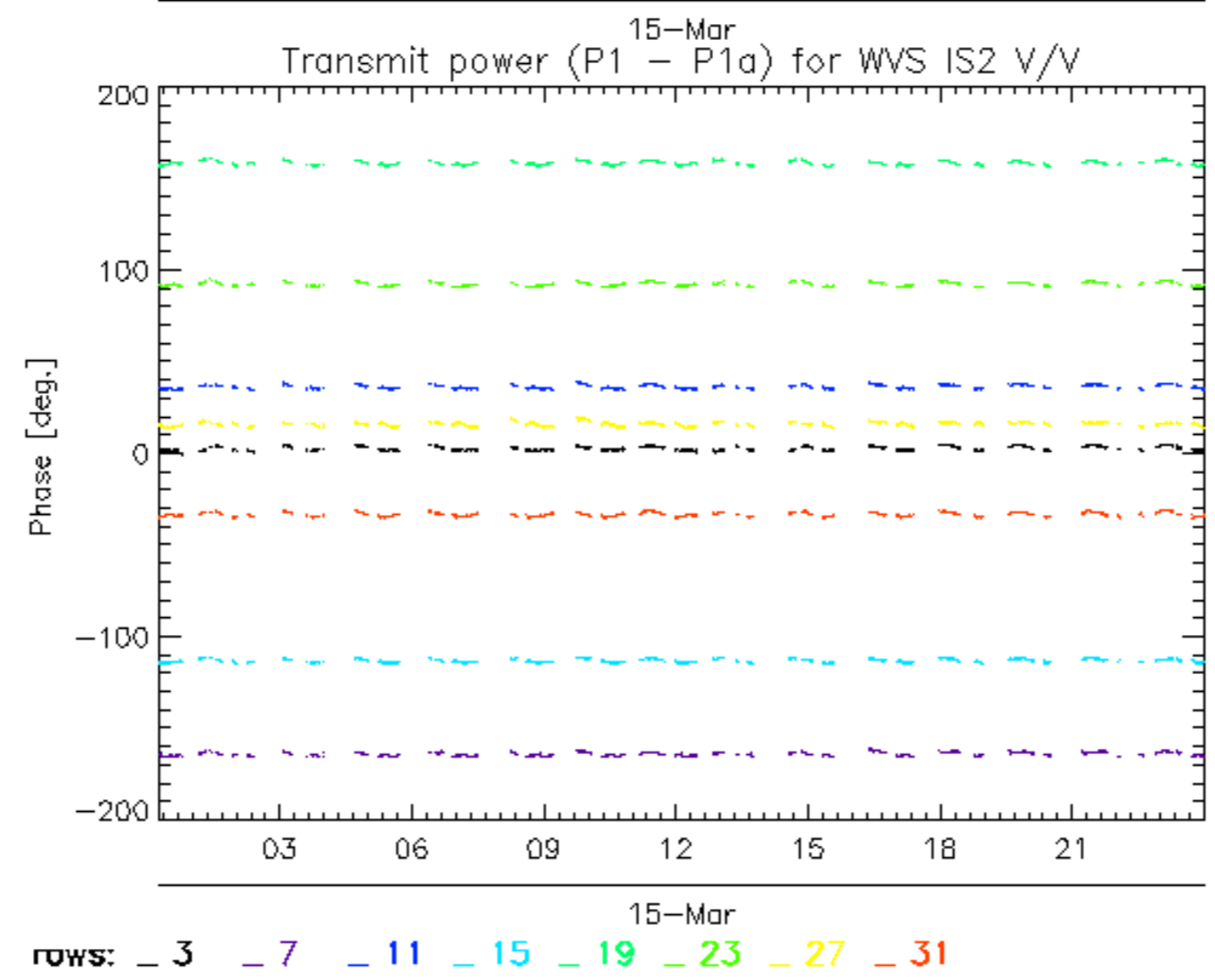
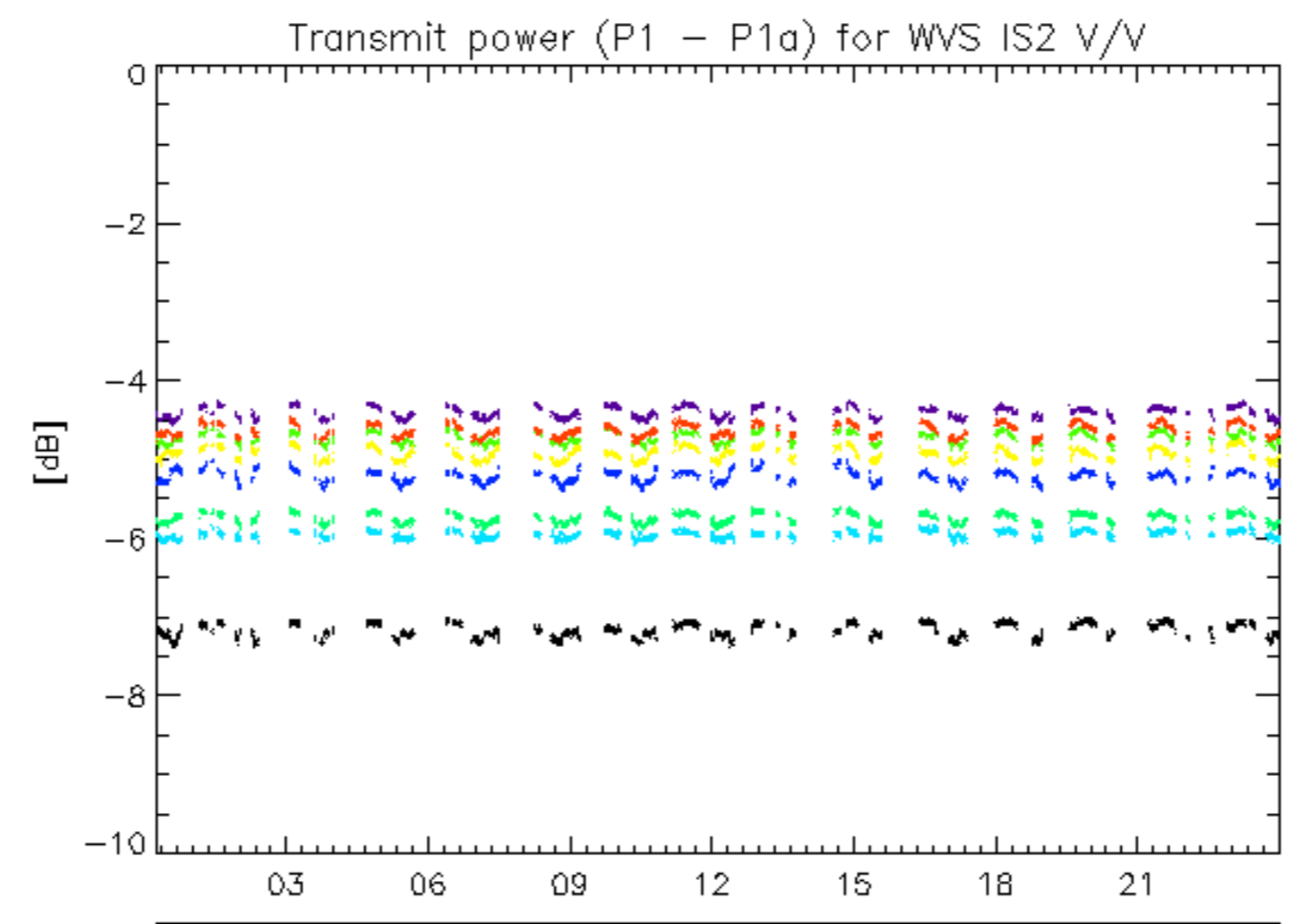
15-Mar  
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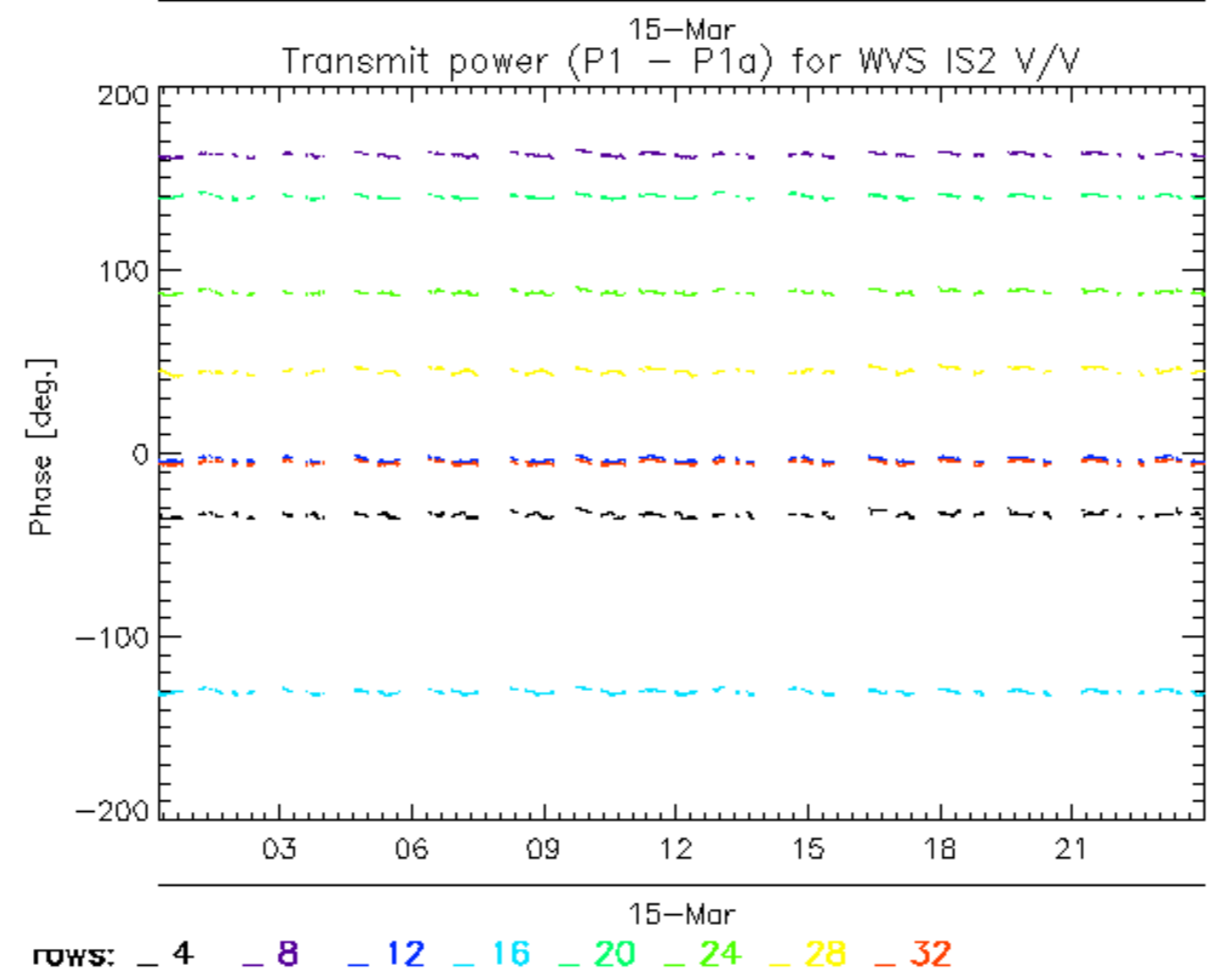
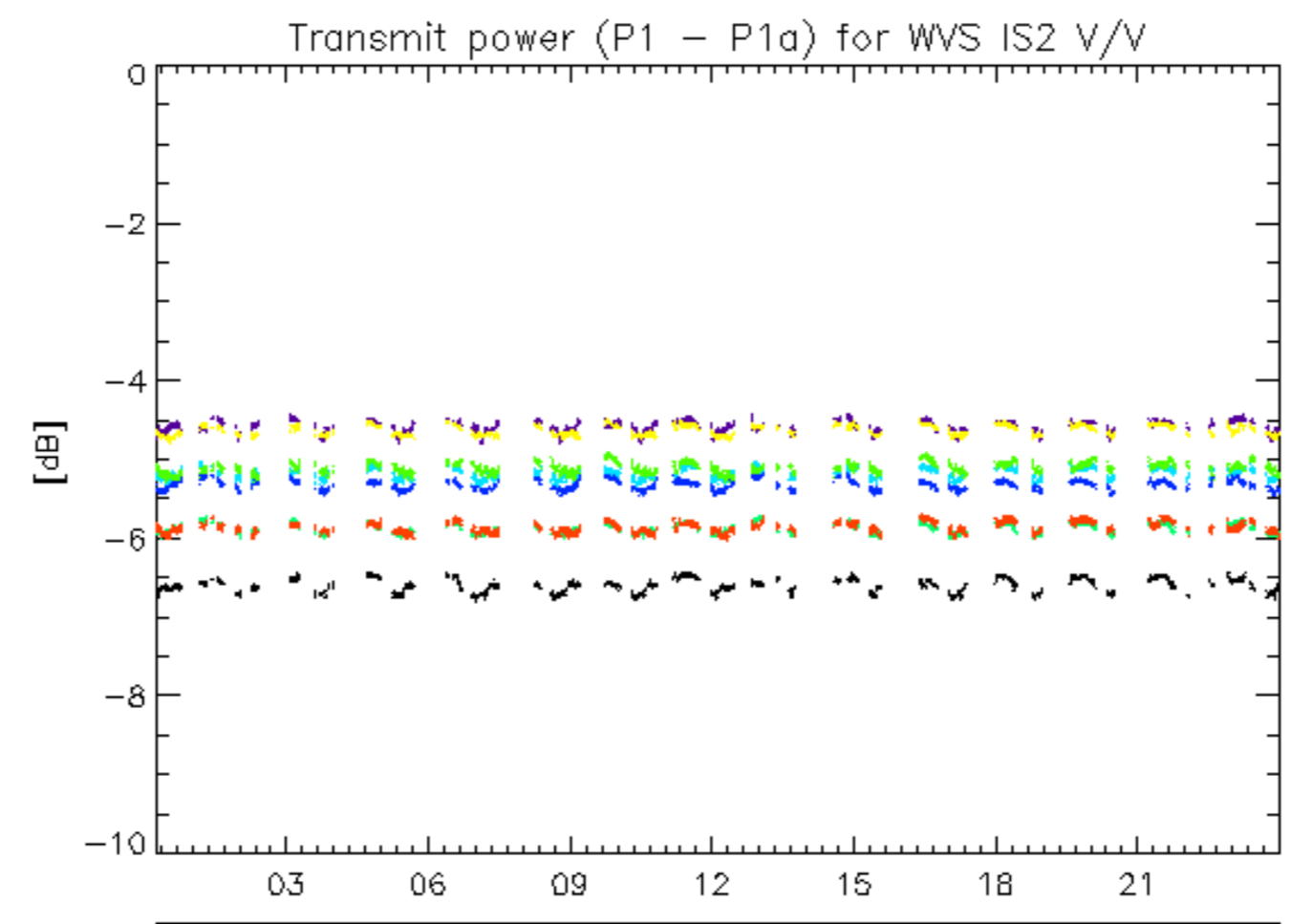


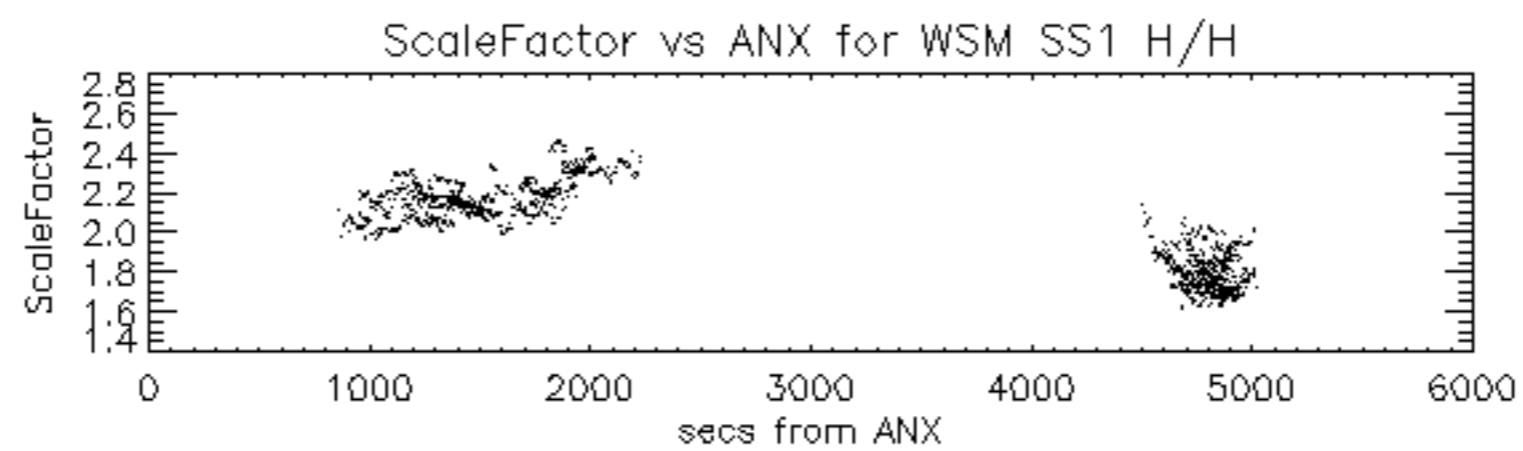
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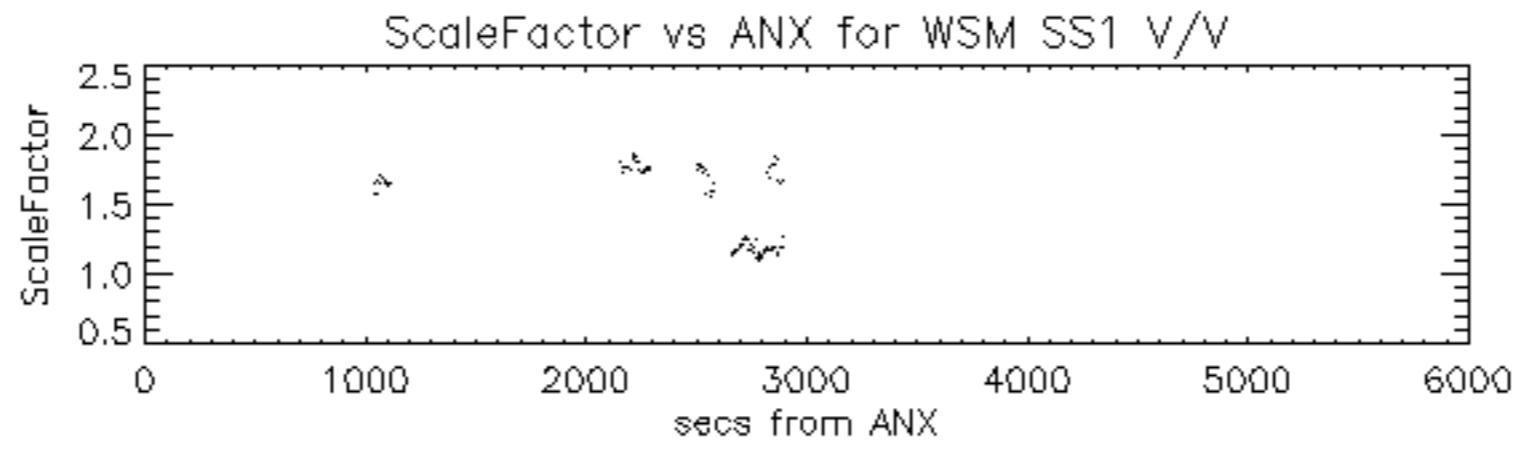


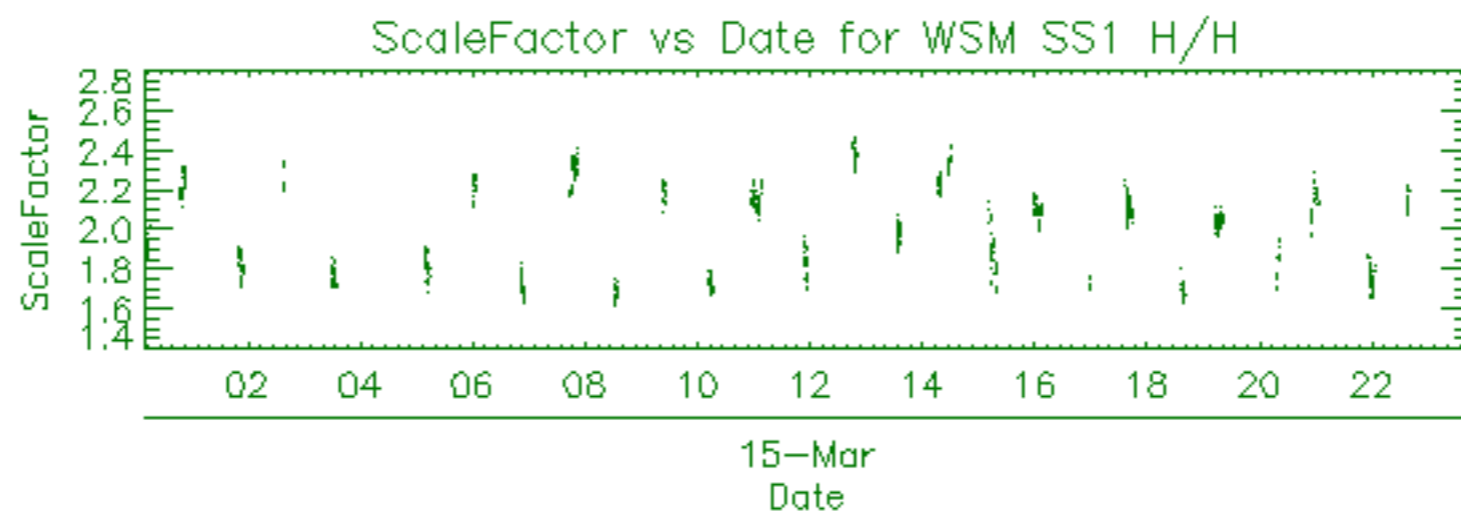


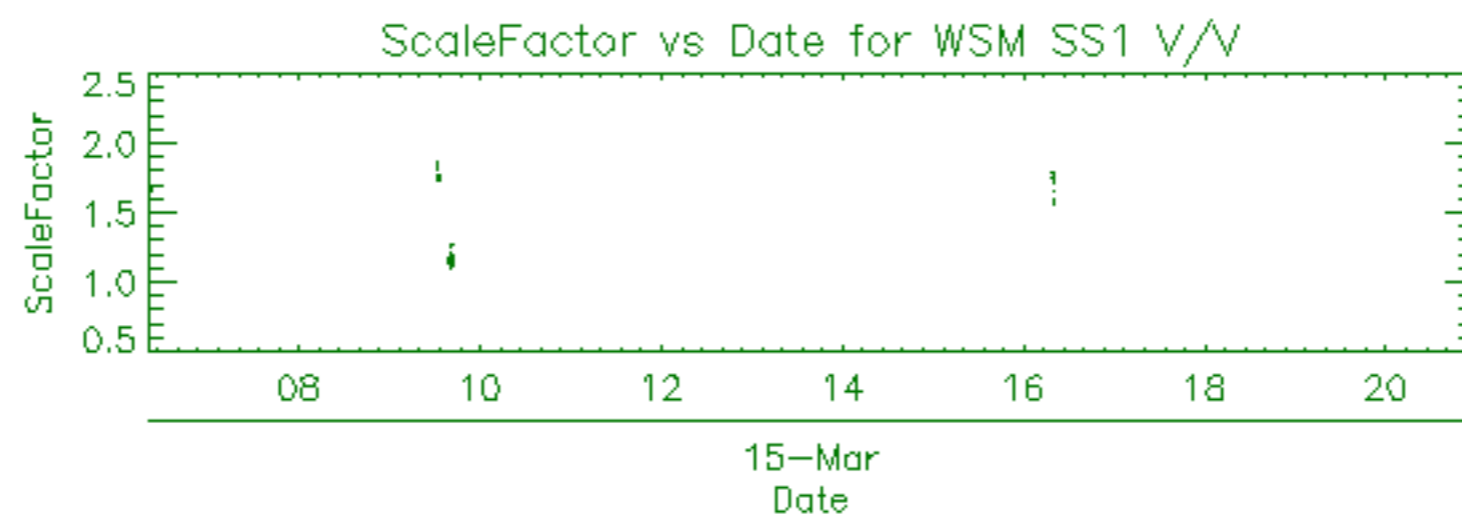












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20100315_022453_000000432087_00390_42027_6695.N1						IS6	H/H	87	42027	390	5.03
ASA_APM_1PNPDE20100315_035734_000000872087_00391_42028_6721.N1						IS4	V/H	87	42028	391	5.03
ASA_APM_1PNPDE20100315_093443_000000462087_00394_42031_6806.N1						IS1	H/H	87	42031	394	5.03
ASA_APM_1PNPDK20100315_110226_000000432087_00395_42032_8609.N1						IS6	H/H	87	42032	395	5.03
ASA_APM_1PNPDE20100315_110226_000000432087_00395_42032_6842.N1						IS6	H/H	87	42032	395	5.03
ASA_APM_1PNPDK20100315_124228_000000422087_00396_42033_8631.N1						IS1	H/H	87	42033	396	5.03
ASA_APM_1PNPDK20100315_131116_000000572087_00396_42033_8658.N1						IS4	H/H	87	42033	396	5.03
ASA_APM_1PNPDE20100315_232120_000000702087_00402_42039_6938.N1						IS4	V/H	87	42039	402	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20100315_005242_000010332087_00389_42026_6679.N1						SS1	H/H	87	42026	389	5.03
ASA_GM1_1PNPDE20100315_011930_000003382087_00389_42026_6683.N1						SS1	H/H	87	42026	389	5.03
ASA_GM1_1PNPDE20100315_012653_000003082087_00389_42026_6681.N1						SS1	H/H	87	42026	389	5.03
ASA_GM1_1PNPDE20100315_014040_000001692087_00389_42026_6684.N1						SS1	H/H	87	42026	389	5.03
ASA_GM1_1PNPDE20100315_020253_000007372087_00389_42026_6706.N1						SS1	H/H	87	42026	389	5.03
ASA_GM1_1PNPDE20100315_022556_000007252087_00390_42027_6704.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_023951_000006832087_00390_42027_6703.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_025252_000001502087_00390_42027_6702.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_025610_000004472087_00390_42027_6699.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_032820_000000842087_00390_42027_6722.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_033701_000003382087_00390_42027_6720.N1						SS1	H/H	87	42027	390	5.03
ASA_GM1_1PNPDE20100315_035519_000001322087_00391_42028_6726.N1						SS1	H/H	87	42028	391	5.03
ASA_GM1_1PNPDE20100315_040101_000018252087_00391_42028_6728.N1						SS1	H/H	87	42028	391	5.03
ASA_GM1_1PNPDE20100315_043555_000003202087_00391_42028_6724.N1						SS1	H/H	87	42028	391	5.03
ASA_GM1_1PNPDE20100315_054542_000009122087_00392_42029_6740.N1						SS1	H/H	87	42029	392	5.03
ASA_GM1_1PNPDE20100315_060502_000007432087_00392_42029_6741.N1						SS1	H/H	87	42029	392	5.03
ASA_GM1_1PNPDE20100315_061810_000000902087_00392_42029_6753.N1						SS1	H/H	87	42029	392	5.03
ASA_GM1_1PNPDE20100315_062713_000002412087_00392_42029_6751.N1						SS1	H/H	87	42029	392	5.03
ASA_GM1_1PNPDK20100315_073057_000007192087_00393_42030_8561.N1						SS1	H/H	87	42030	393	5.03
ASA_GM1_1PNPDK20100315_074210_000001082087_00393_42030_8577.N1						SS1	H/H	87	42030	393	5.03
ASA_GM1_1PNPDK20100315_075841_000009242087_00393_42030_8578.N1						SS1	H/H	87	42030	393	5.03
ASA_GM1_1PNPDK20100315_082304_000005312087_00393_42030_8580.N1						SS1	H/H	87	42030	393	5.03
ASA_GM1_1PNPDK20100315_091241_000005672087_00394_42031_8582.N1						SS1	H/H	87	42031	394	5.03
ASA_GM1_1PNPDK20100315_100339_000005072087_00394_42031_8600.N1						SS1	H/H	87	42031	394	5.03
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ASA_GM1_1PNPDK20100315_131543_000003922087_00396_42033_8651.N1						SS1	H/H	87	42033	396	5.03
ASA_GM1_1PNPDK20100315_132454_000004592087_00396_42033_8650.N1						SS1	H/H	87	42033	396	5.03
ASA_GM1_1PNPDK20100315_134626_000003682087_00396_42033_8649.N1						SS1	H/H	87	42033	396	5.03
ASA_GM1_1PNPDK20100315_135334_000005132087_00396_42033_8647.N1						SS1	H/H	87	42033	396	5.03
ASA_GM1_1PNPDK20100315_140252_000002292087_00397_42034_8652.N1						SS1	H/H	87	42034	397	5.03
ASA_GM1_1PNPDK20100315_140741_000005432087_00397_42034_8646.N1						SS1	H/H	87	42034	397	5.03
ASA_GM1_1PNPDK20100315_142040_000001142087_00397_42034_8645.N1						SS1	H/H	87	42034	397	5.03
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ASA_GM1_1PNPDE20100315_222041_000005012087_00402_42039_6920.N1						SS1	H/H	87	42039	402	5.03
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ASA_GM1_1PNPDE20100315_231643_000001502087_00402_42039_6925.N1						SS1	H/H	87	42039	402	5.03
ASA_GM1_1PNPDE20100315_232830_000002232087_00402_42039_6923.N1						SS1	H/H	87	42039	402	5.03
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ASA_IMM_1PNPDE20100315_025111_000000922087_00390_42027_6697.N1						IS2	V/V	87	42027	390	5.03
ASA_IMM_1PNPDE20100315_025521_000000372087_00390_42027_6698.N1						IS2	V/V	87	42027	390	5.03
ASA_IMM_1PNPDE20100315_032046_000002322087_00390_42027_6713.N1						IS2	V/V	87	42027	390	5.03
ASA_IMM_1PNPDE20100315_032555_000001332087_00390_42027_6716.N1						IS2	V/V	87	42027	390	5.03
ASA_IMM_1PNPDE20100315_043124_000002612087_00391_42028_6729.N1						IS2	V/V	87	42028	391	5.03
ASA_IMM_1PNPDE20100315_050140_000001622087_00391_42028_6736.N1						IS2	V/V	87	42028	391	5.03
ASA_IMM_1PNPDE20100315_050510_000002122087_00391_42028_6738.N1						IS2	V/V	87	42028	391	5.03
ASA_IMM_1PNPDE20100315_054238_000001712087_00392_42029_6745.N1						IS2	V/V	87	42029	392	5.03
ASA_IMM_1PNPDE20100315_061721_000000372087_00392_42029_6747.N1						IS2	V/V	87	42029	392	5.03
ASA_IMM_1PNPDE20100315_064303_000001622087_00392_42029_6748.N1						IS2	V/V	87	42029	392	5.03
ASA_IMM_1PNPDK20100315_064633_000002832087_00392_42029_8567.N1						IS2	V/V	87	42029	392	5.03
ASA_IMM_1PNPDK20100315_110834_000001492087_00395_42032_8611.N1						IS2	V/V	87	42032	395	5.03
ASA_IMM_1PNPDE20100315_111607_000000532087_00395_42032_6844.N1						IS2	V/V	87	42032	395	5.03
ASA_IMM_1PNPDE20100315_111722_000000532087_00395_42032_6852.N1						IS2	V/V	87	42032	395	5.03
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ASA_IMM_1PNPDE20100315_154348_000003822087_00398_42035_6885.N1						IS2	V/V	87	42035	398	5.03
ASA_IMM_1PNPDE20100315_162150_000000862087_00398_42035_6894.N1						IS2	V/V	87	42035	398	5.03
ASA_IMM_1PNPDE20100315_164807_000003262087_00398_42035_6895.N1						IS2	V/V	87	42035	398	5.03
ASA_IMM_1PNPDE20100315_165359_000002302087_00398_42035_6890.N1						IS2	V/V	87	42035	398	5.03
ASA_IMM_1PNPDE20100315_174629_000000392087_00399_42036_6898.N1						IS2	H/H	87	42036	399	5.03
ASA_IMM_1PNPDE20100315_175128_000000682087_00399_42036_6899.N1						IS4	V/V	87	42036	399	5.03
ASA_IMM_1PNPDE20100315_175701_000001302087_00399_42036_6900.N1						IS2	V/V	87	42036	399	5.03
ASA_IMM_1PNPDE20100315_182813_000003412087_00399_42036_6901.N1						IS2	V/V	87	42036	399	5.03
ASA_IMM_1PNPDE20100315_185142_000000372087_00399_42036_6897.N1						IS5	V/V	87	42036	399	5.03
ASA_IMM_1PNPDE20100315_192918_000002732087_00400_42037_6904.N1						IS2	V/V	87	42037	400	5.03
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ASA_IMM_1PNPDK20100315_205100_000001062087_00401_42038_8737.N1						IS2	V/V	87	42038	401	5.03
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ASA_IMM_1PNPDE20100315_214840_000000972087_00401_42038_6917.N1						IS2	V/V	87	42038	401	5.03
ASA_IMM_1PNPDK20100315_223948_000002082087_00402_42039_8755.N1						IS2	H/H	87	42039	402	5.03
ASA_IMM_1PNPDE20100315_224908_000002272087_00402_42039_6936.N1						IS2	V/V	87	42039	402	5.03
ASA_IMM_1PNPDE20100315_231915_000000372087_00402_42039_6937.N1						IS2	V/V	87	42039	402	5.03
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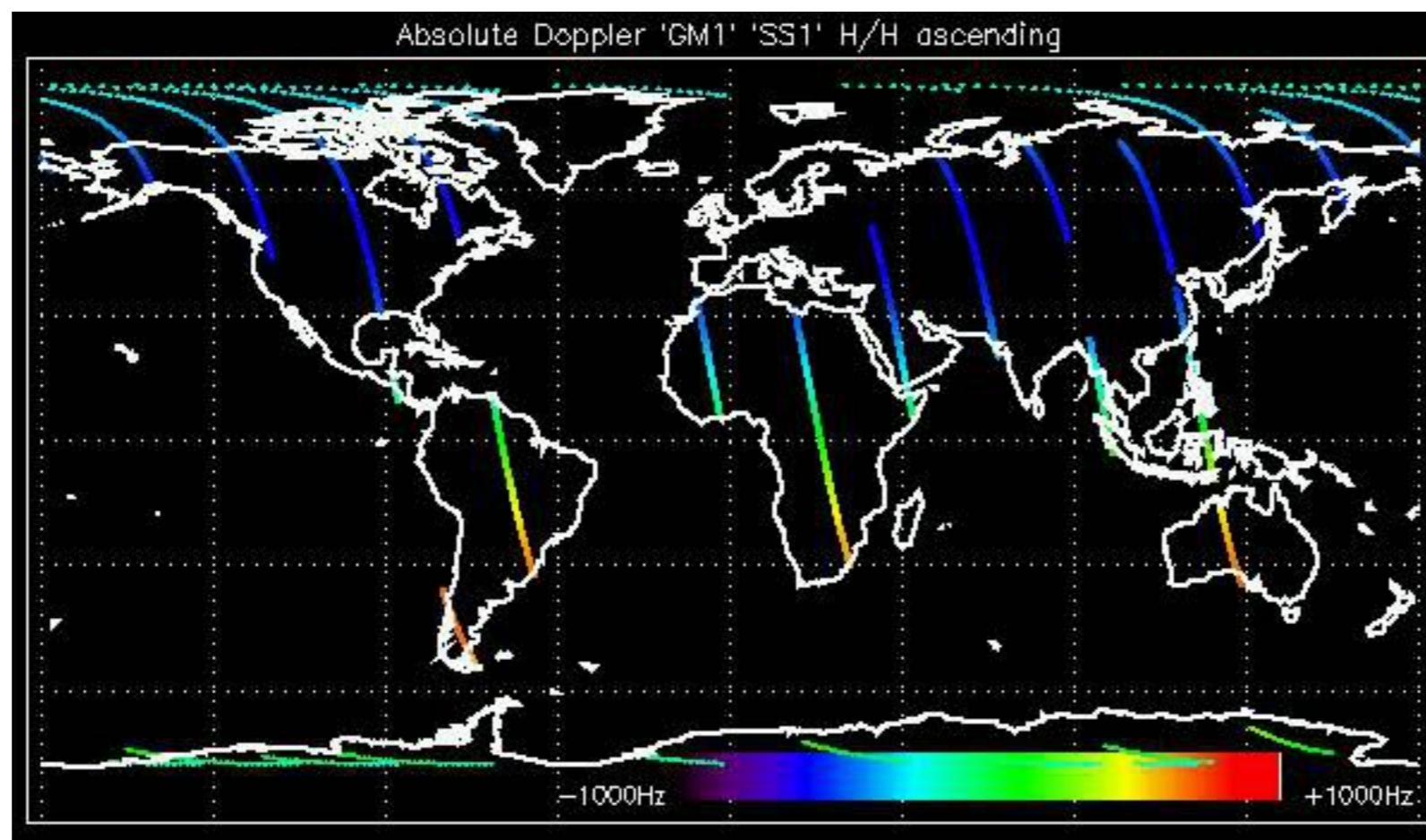
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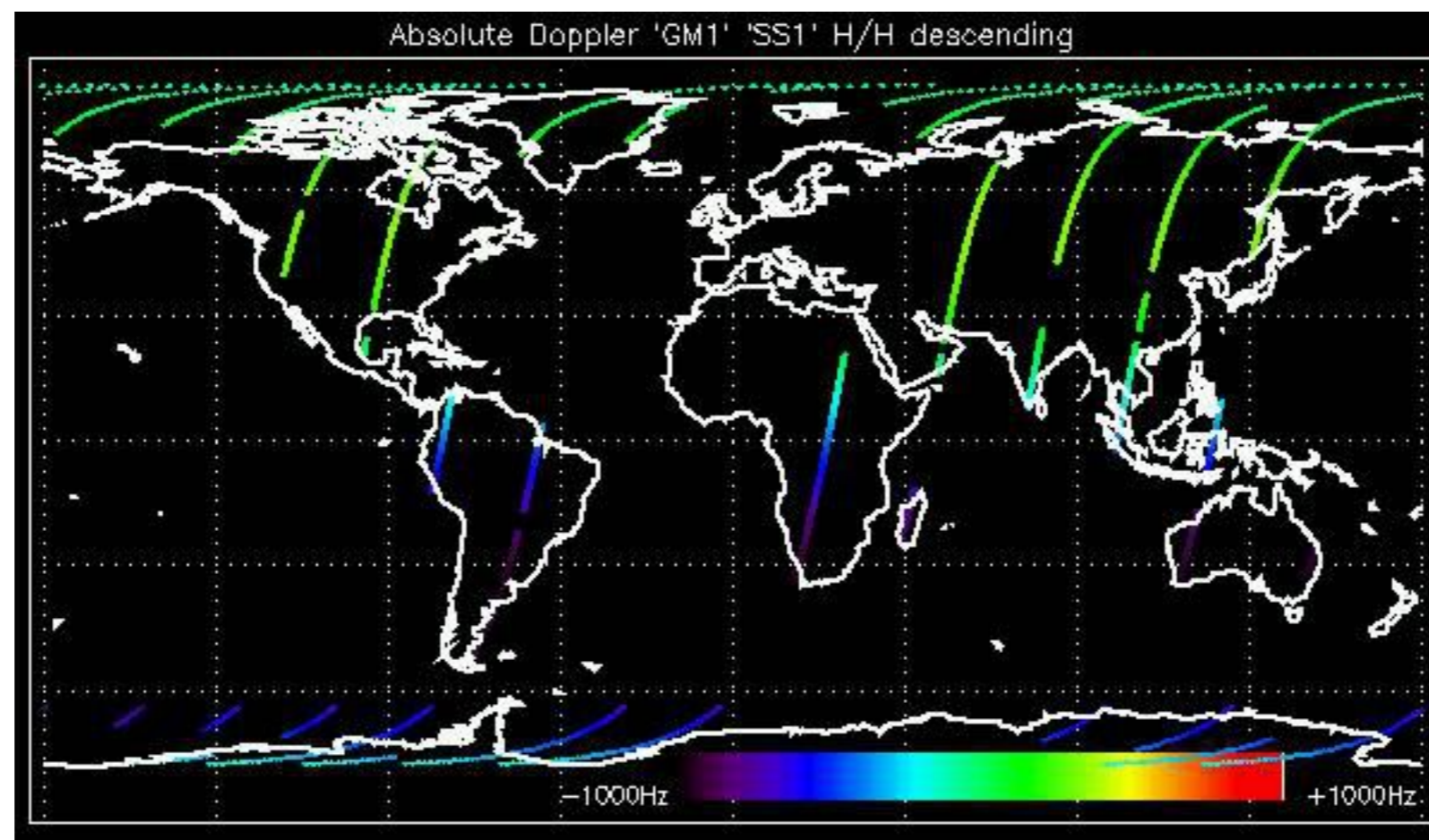


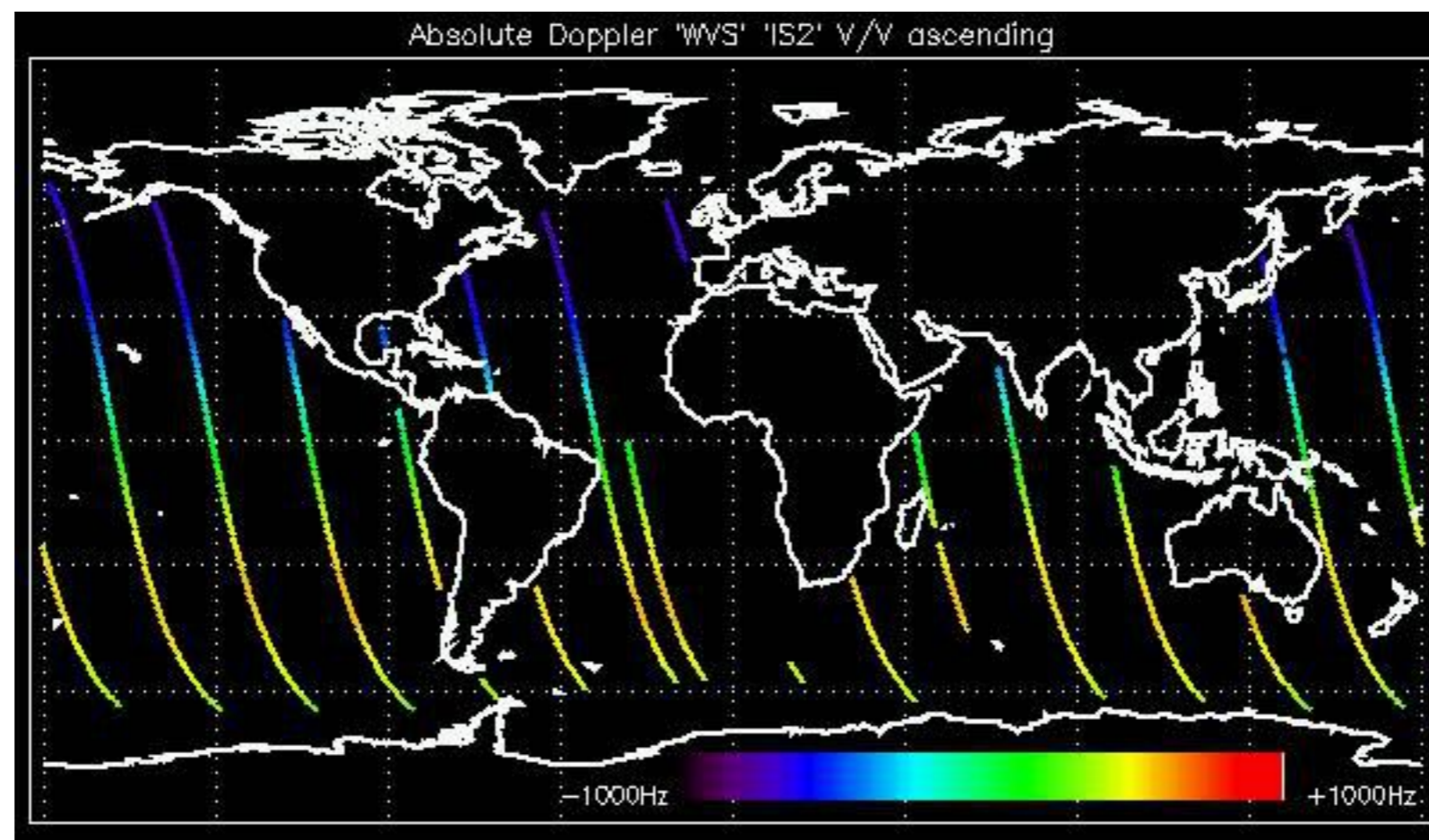
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ASA_WSM_1PNPDE20100315_004738_000003002087_00389_42026_6676.N1						SS1	H/H	87	42026	389	5.03
ASA_WSM_1PNPDE20100315_015026_000002812087_00389_42026_6694.N1						SS1	H/H	87	42026	389	5.03
ASA_WSM_1PNPDE20100315_023809_000000982087_00390_42027_6696.N1						SS1	H/H	87	42027	390	5.03
ASA_WSM_1PNPDE20100315_032954_000003062087_00390_42027_6717.N1						SS1	H/H	87	42027	390	5.03
ASA_WSM_1PNPDE20100315_050854_000001842087_00391_42028_6743.N1						SS1	H/H	87	42028	391	5.03
ASA_WSM_1PNPDE20100315_051228_000001042087_00391_42028_6744.N1						SS1	H/H	87	42028	391	5.03
ASA_WSM_1PNPDK20100315_060100_000002392087_00392_42029_8554.N1						SS1	H/H	87	42029	392	5.03
ASA_WSM_1PNPDE20100315_062038_000000862087_00392_42029_6746.N1						SS1	V/V	87	42029	392	5.03
ASA_WSM_1PNPDK20100315_065126_000002142087_00392_42029_8569.N1						SS1	H/H	87	42029	392	5.03
ASA_WSM_1PNPDE20100315_074407_000004532087_00393_42030_6776.N1						SS1	H/H	87	42030	393	5.03
ASA_WSM_1PNPDK20100315_083203_000002262087_00393_42030_8590.N1						SS1	H/H	87	42030	393	5.03
ASA_WSM_1PNPDE20100315_092213_000001222087_00394_42031_6802.N1						SS1	H/H	87	42031	394	5.03
ASA_WSM_1PNPDK20100315_092341_000001282087_00394_42031_8591.N1						SS1	H/H	87	42031	394	5.03
ASA_WSM_1PNPDK20100315_093046_000000922087_00394_42031_8593.N1						SS1	V/V	87	42031	394	5.03
ASA_WSM_1PNPDE20100315_093144_000000922087_00394_42031_6805.N1						SS1	V/V	87	42031	394	5.03
ASA_WSM_1PNPDE20100315_093906_000002452087_00394_42031_6810.N1						SS1	V/V	87	42031	394	5.03
ASA_WSM_1PNPDE20100315_101212_000002812087_00394_42031_6857.N1						SS1	H/H	87	42031	394	5.03
ASA_WSM_1PNPDE20100315_105759_000001842087_00395_42032_6841.N1						SS1	H/H	87	42032	395	5.03
ASA_WSM_1PNPDK20100315_110016_000000982087_00395_42032_8608.N1						SS1	H/H	87	42032	395	5.03
ASA_WSM_1PNPDK20100315_110319_000002812087_00395_42032_8610.N1						SS1	H/H	87	42032	395	5.03
ASA_WSM_1PNPDE20100315_110319_000000672087_00395_42032_6843.N1						SS1	H/H	87	42032	395	5.03
ASA_WSM_1PNPDK20100315_115341_000002202087_00395_42032_8622.N1						SS1	H/H	87	42032	395	5.03
ASA_WSM_1PNPDK20100315_124614_000002262087_00396_42033_8632.N1						SS1	H/H	87	42033	396	5.03
ASA_WSM_1PNPDK20100315_133240_000002942087_00396_42033_8660.N1						SS1	H/H	87	42033	396	5.03
ASA_WSM_1PNPDK20100315_141652_000002202087_00397_42034_8654.N1						SS1	H/H	87	42034	397	5.03
ASA_WSM_1PNPDE20100315_142744_000001652087_00397_42034_6886.N1						SS1	H/H	87	42034	397	5.03
ASA_WSM_1PNPDE20100315_151138_000001532087_00397_42034_6888.N1						SS1	H/H	87	42034	397	5.03
ASA_WSM_1PNPDE20100315_151653_000001282087_00397_42034_6889.N1						SS1	H/H	87	42034	397	5.03
ASA_WSM_1PNPDK20100315_155749_000004222087_00398_42035_8682.N1						SS1	H/H	87	42035	398	5.03
ASA_WSM_1PNPDE20100315_160529_000001042087_00398_42035_6892.N1						SS1	H/H	87	42035	398	5.03
ASA_WSM_1PNPDE20100315_161851_000000982087_00398_42035_6893.N1						SS1	V/V	87	42035	398	5.03
ASA_WSM_1PNPDE20100315_165818_000000982087_00398_42035_6891.N1						SS1	H/H	87	42035	398	5.03
ASA_WSM_1PNPDK20100315_173654_000004712087_00399_42036_8702.N1						SS1	H/H	87	42036	399	5.03
ASA_WSM_1PNPDE20100315_183630_000002262087_00399_42036_6896.N1						SS1	H/H	87	42036	399	5.03
ASA_WSM_1PNPDK20100315_191243_000005442087_00400_42037_8723.N1						SS1	H/H	87	42037	400	5.03
ASA_WSM_1PNPDE20100315_201839_000001282087_00400_42037_6903.N1						SS1	H/H	87	42037	400	5.03
ASA_WSM_1PNPDK20100315_205412_000000862087_00401_42038_8738.N1						SS1	H/H	87	42038	401	5.03
ASA_WSM_1PNPDK20100315_205618_000000862087_00401_42038_8739.N1						SS1	V/V	87	42038	401	5.03
ASA_WSM_1PNPDK20100315_205830_000003062087_00401_42038_8740.N1						SS1	H/H	87	42038	401	5.03
ASA_WSM_1PNPDE20100315_215613_000003982087_00401_42038_6915.N1						SS1	H/H	87	42038	401	5.03
ASA_WSM_1PNPDK20100315_223621_000001842087_00402_42039_8754.N1						SS1	H/H	87	42039	402	5.03
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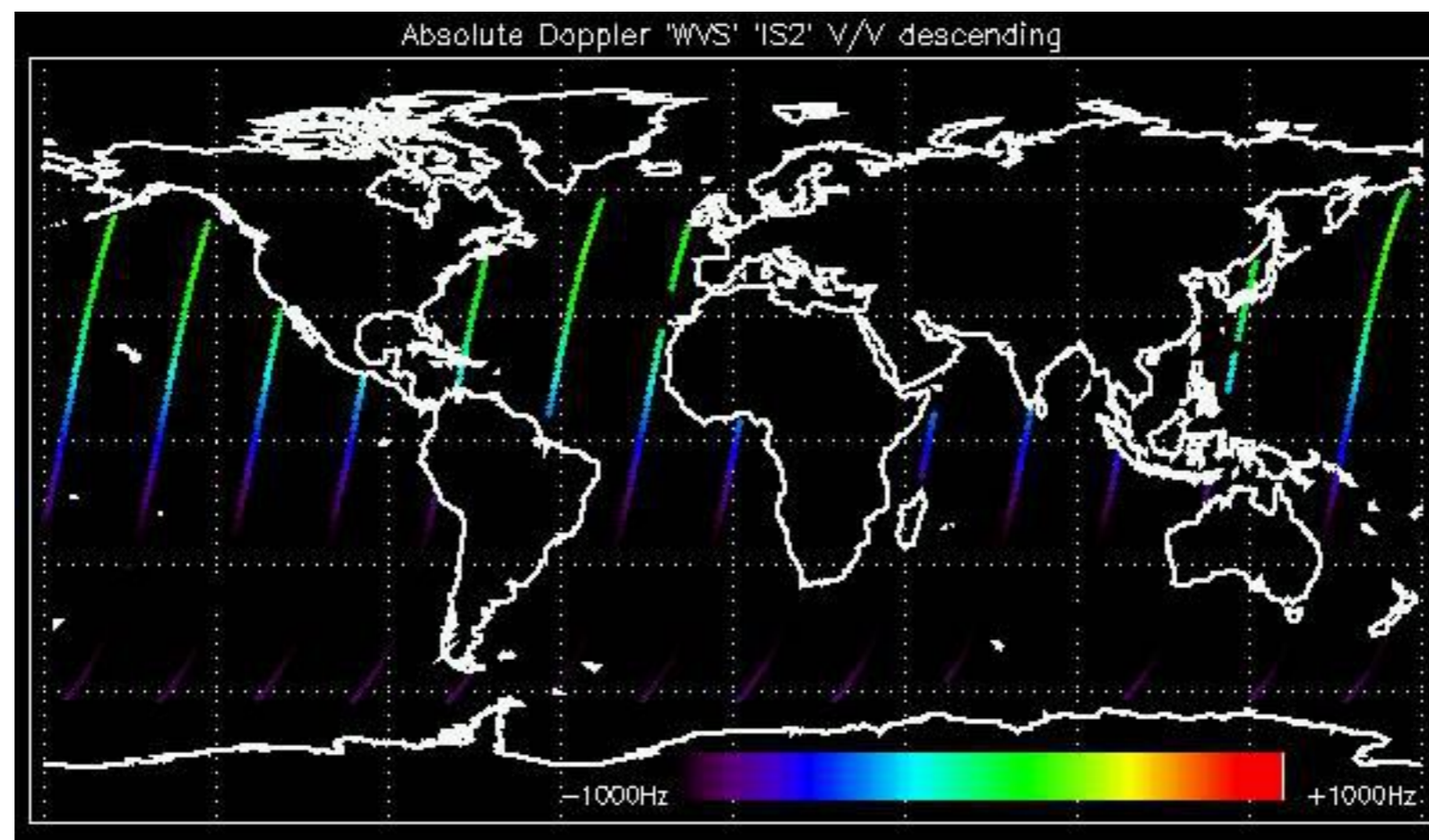


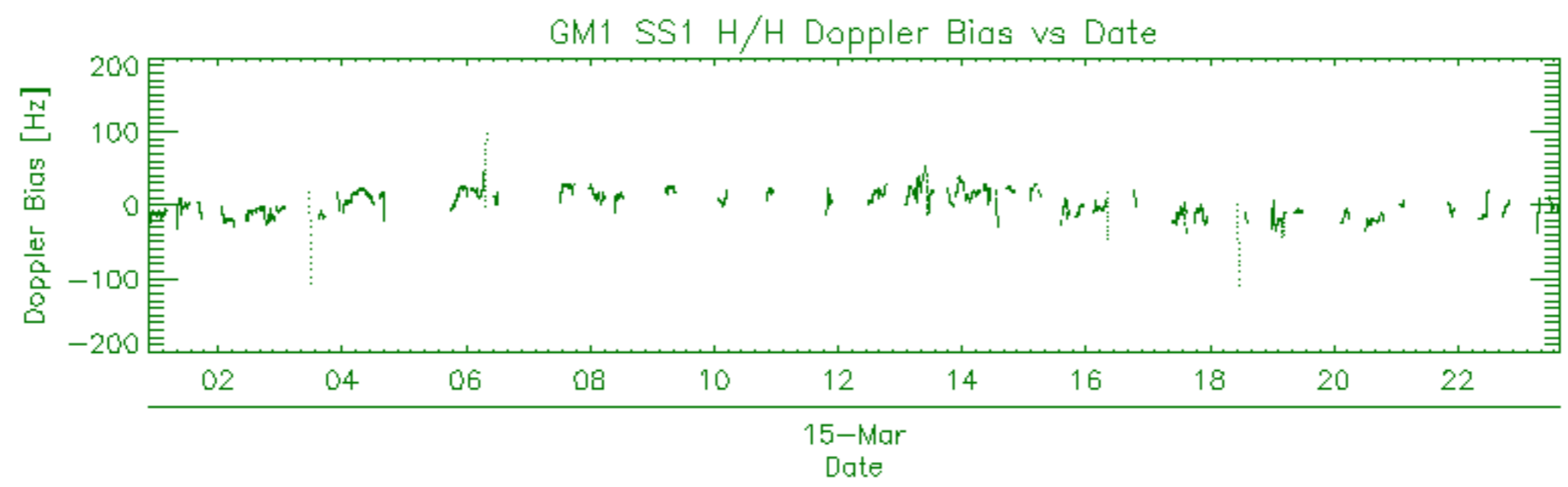
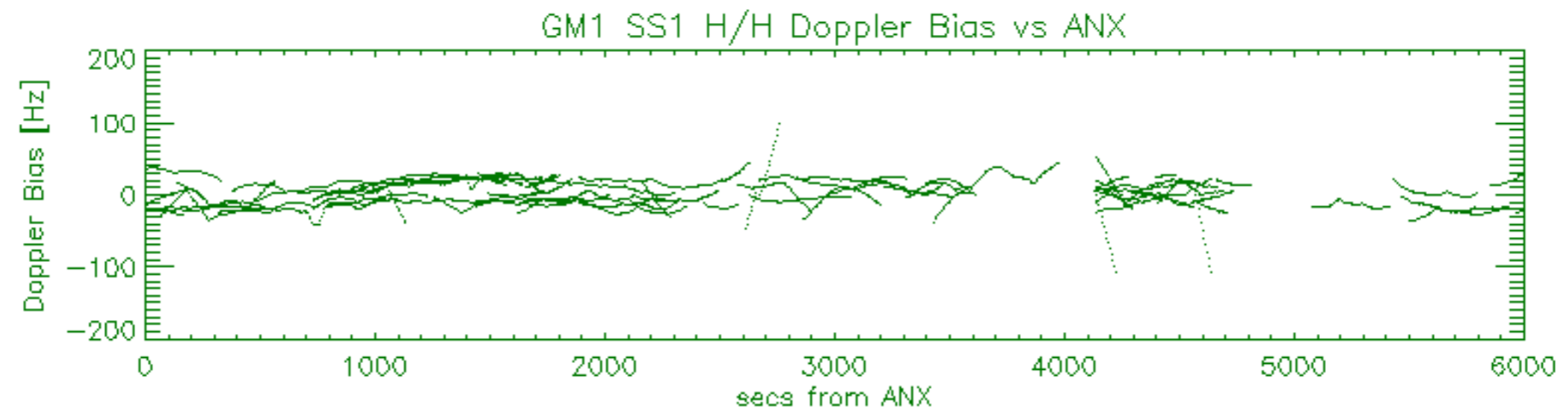
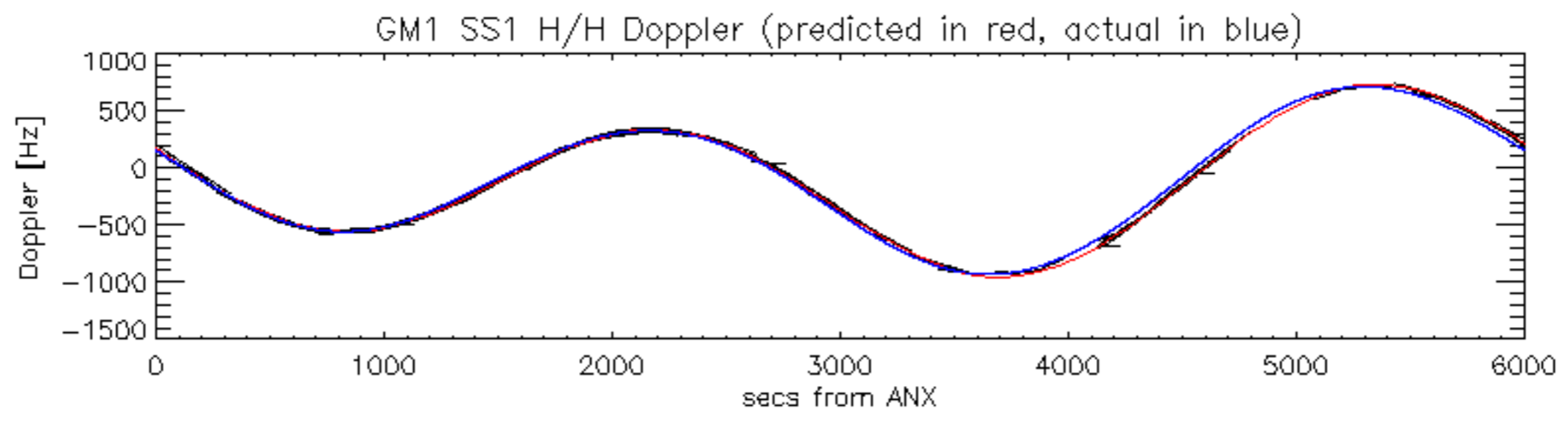
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ASA_WVS_1PNPDE20100315_011000_000005252087_00389_42026_6678.N1						IS2	V/V	87	42026	389	5.03
ASA_WVS_1PNPDE20100315_012512_000000592087_00389_42026_6682.N1						IS2	V/V	87	42026	389	5.03
ASA_WVS_1PNPDE20100315_013205_000004652087_00389_42026_6680.N1						IS2	V/V	87	42026	389	5.03
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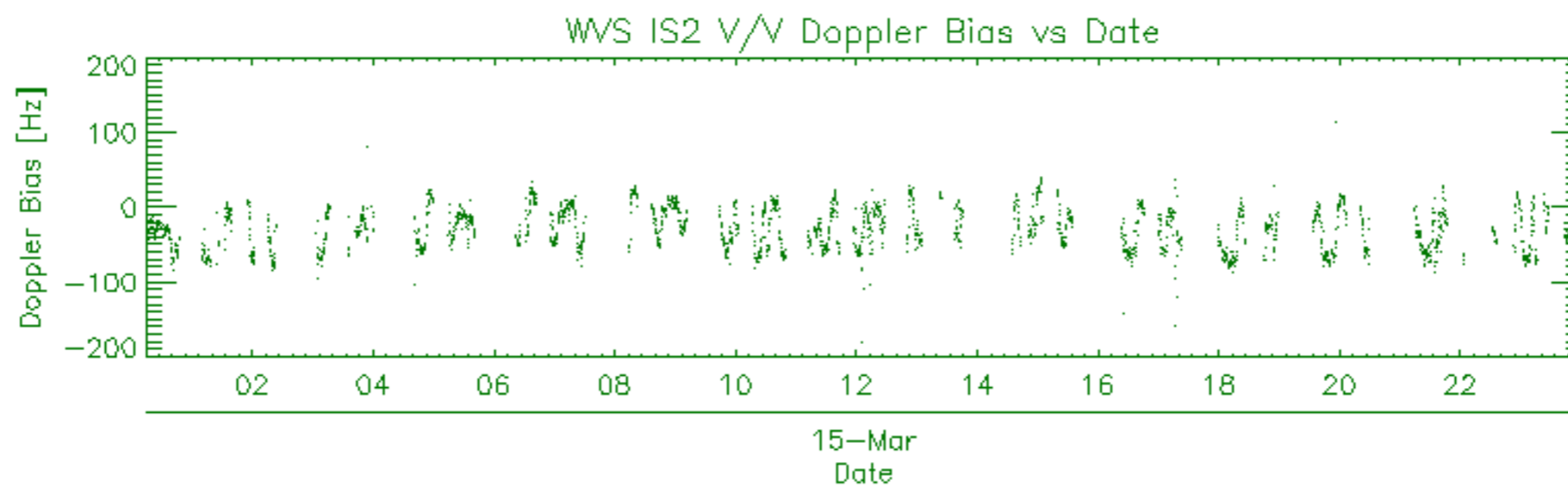
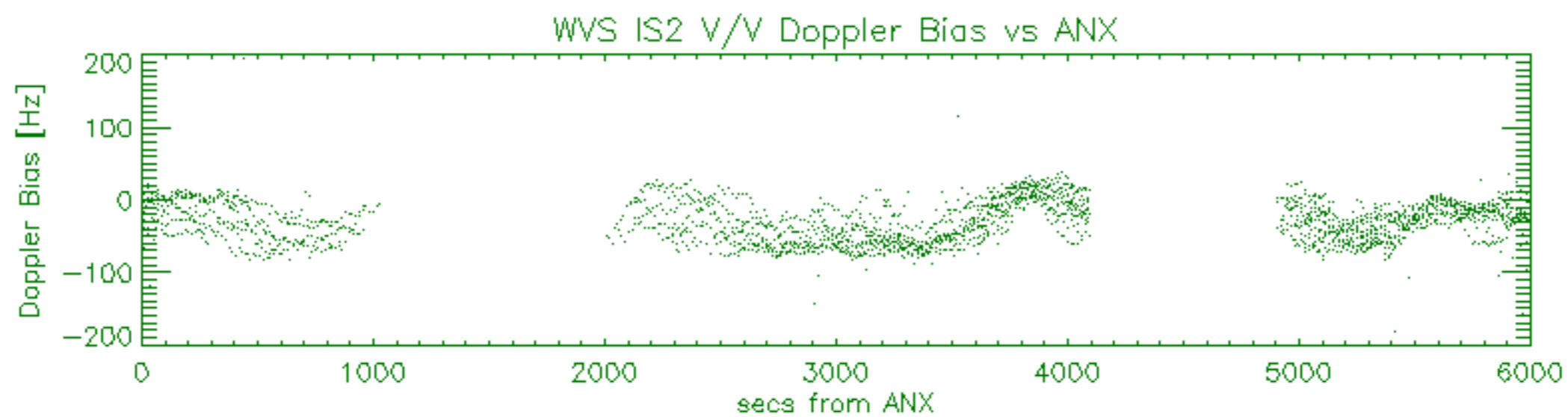
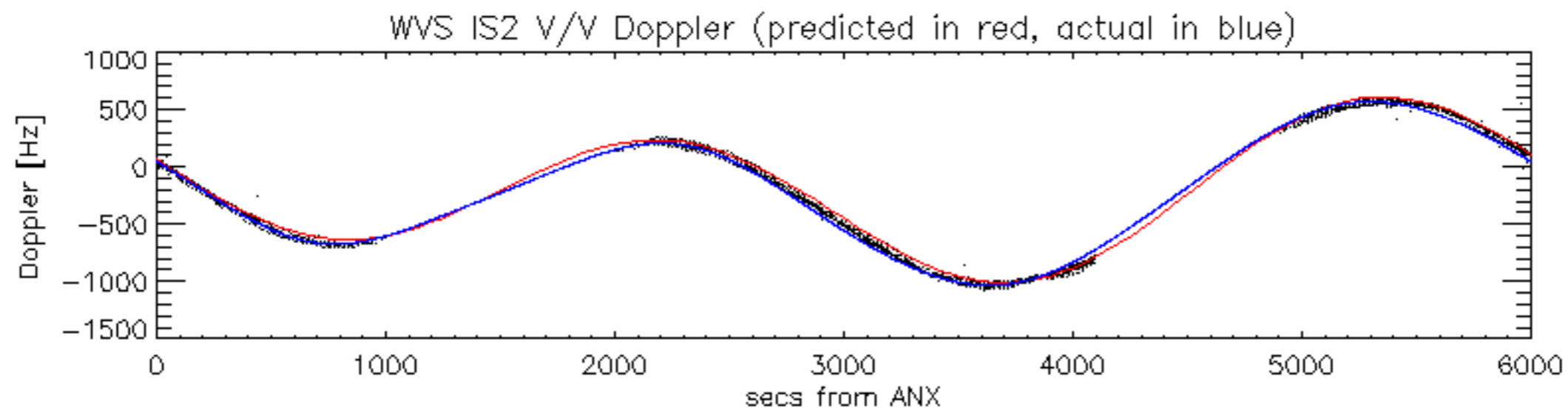


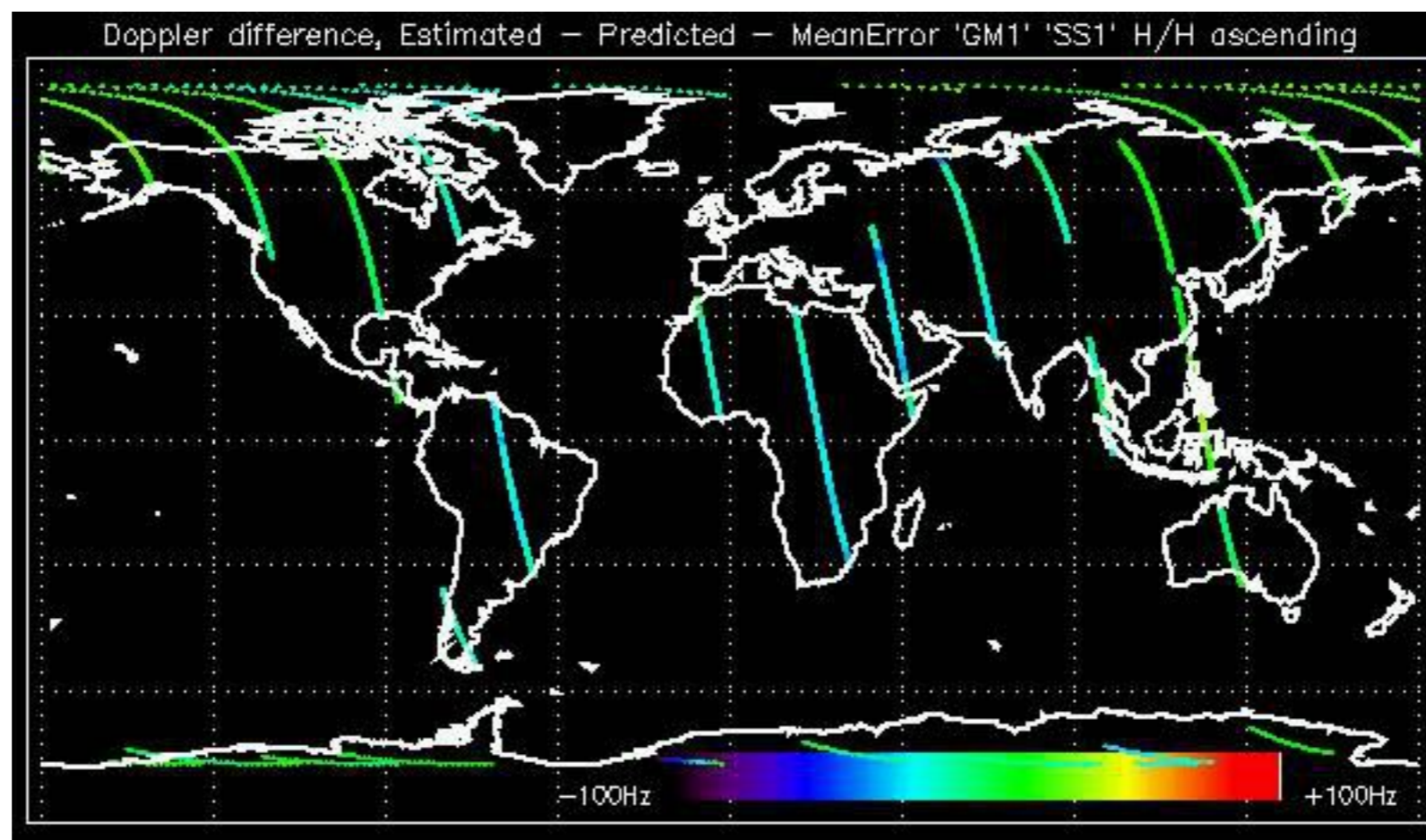




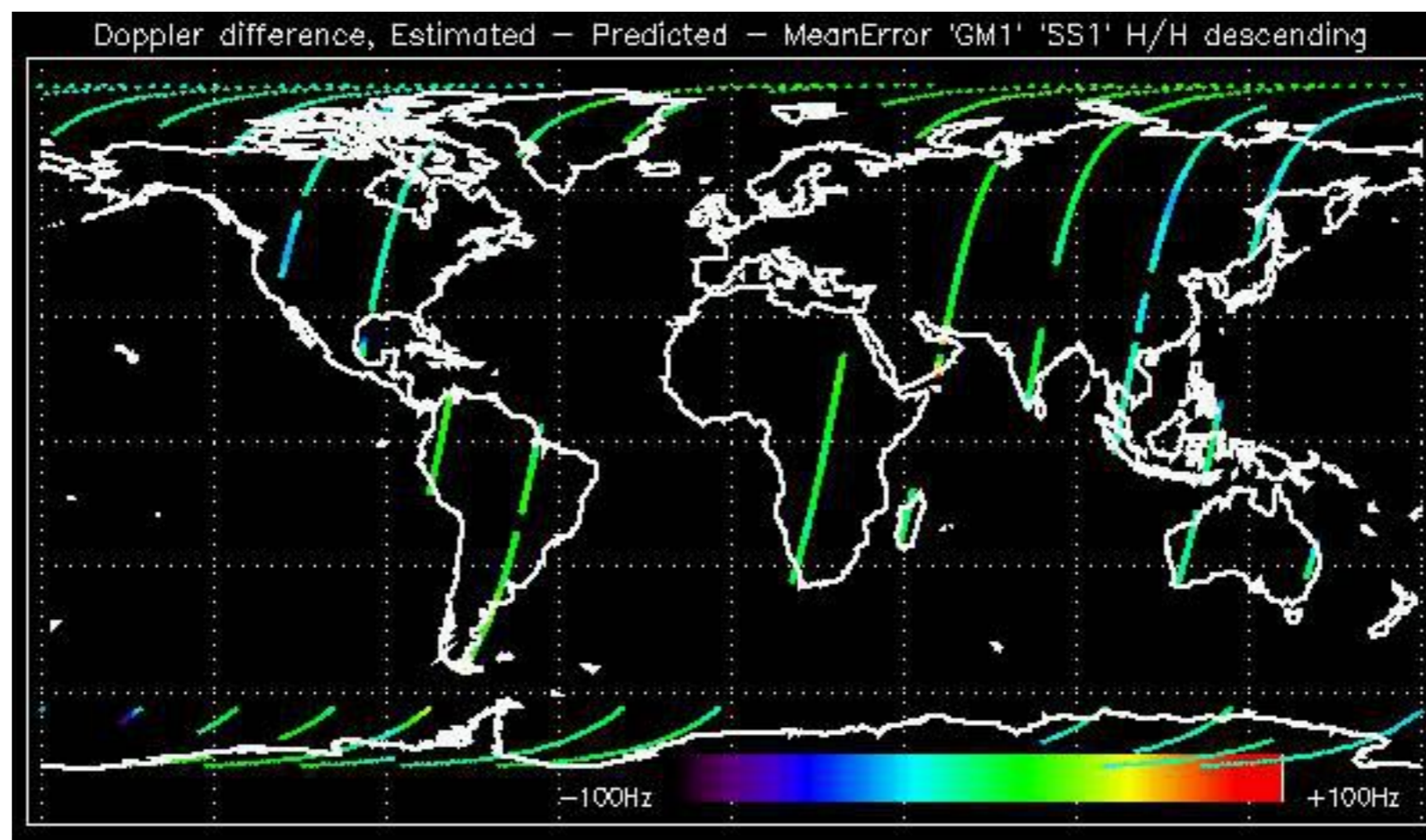


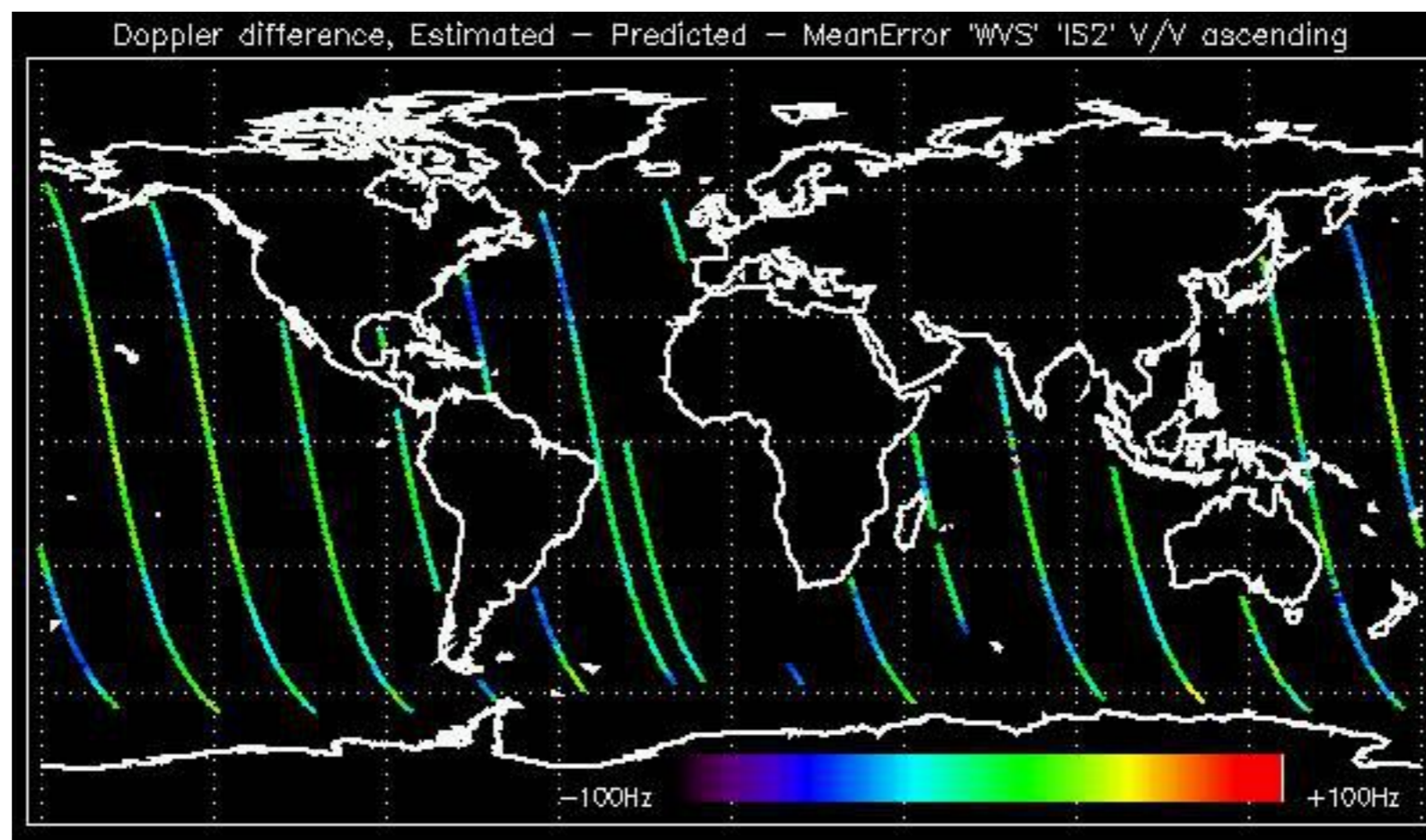


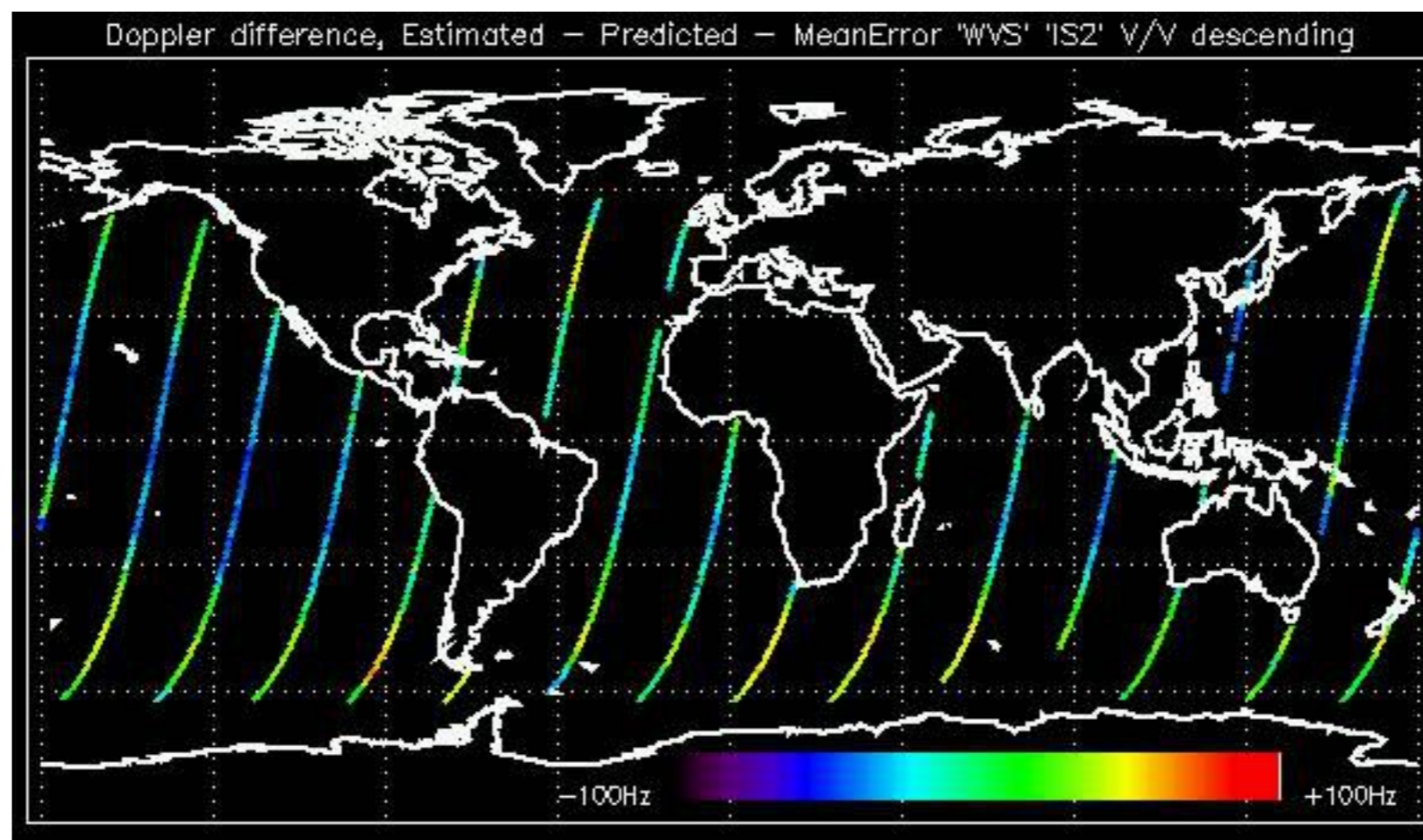


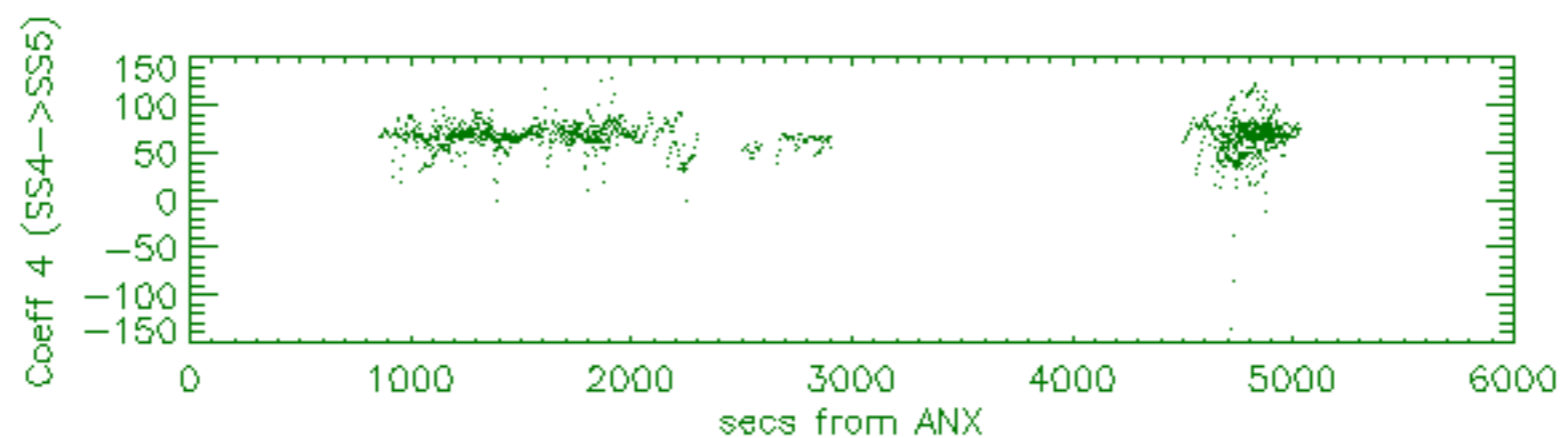
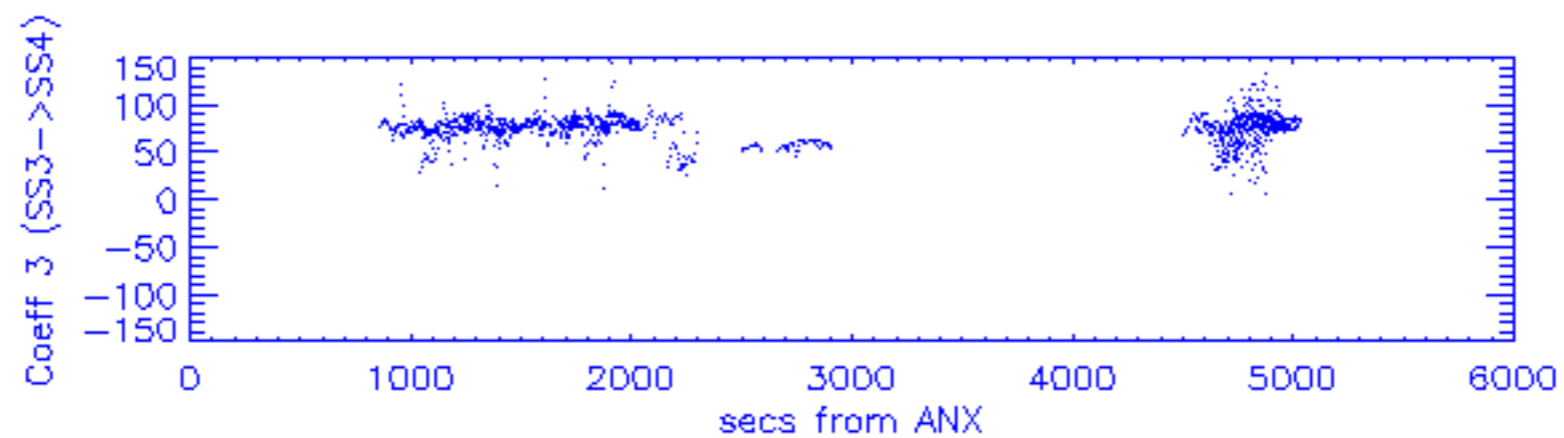
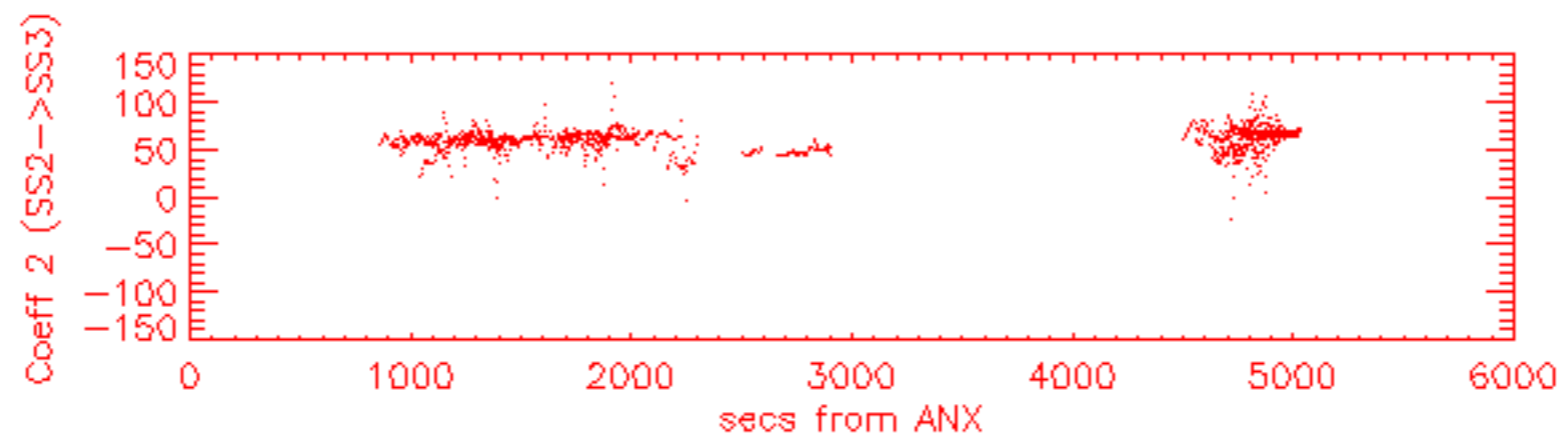
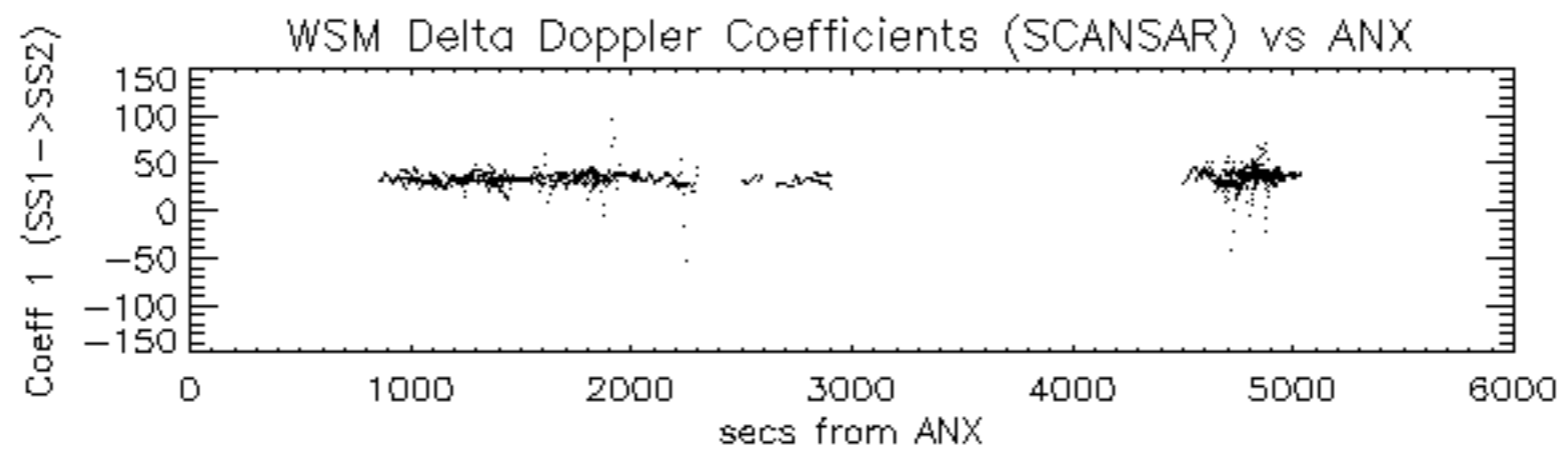


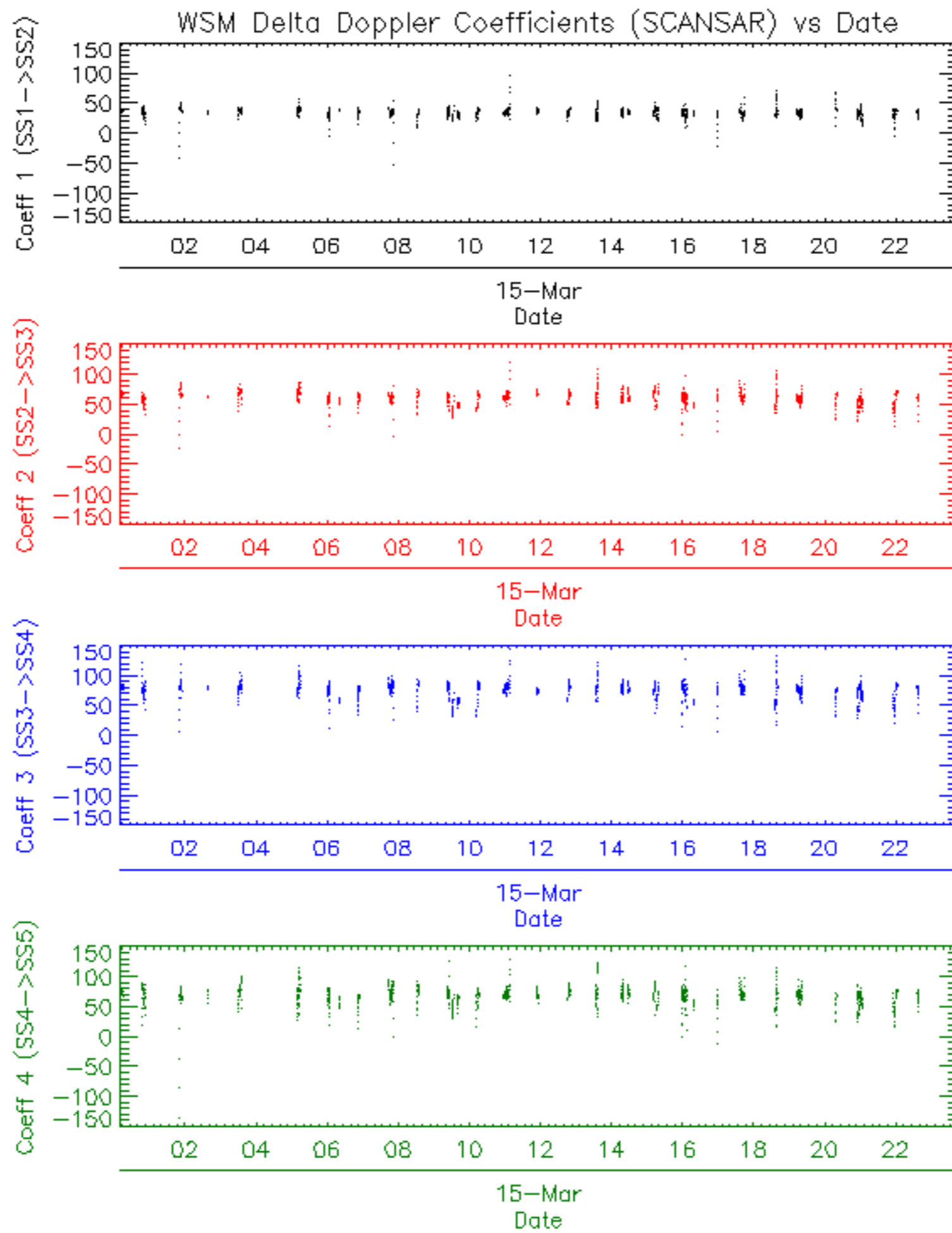




















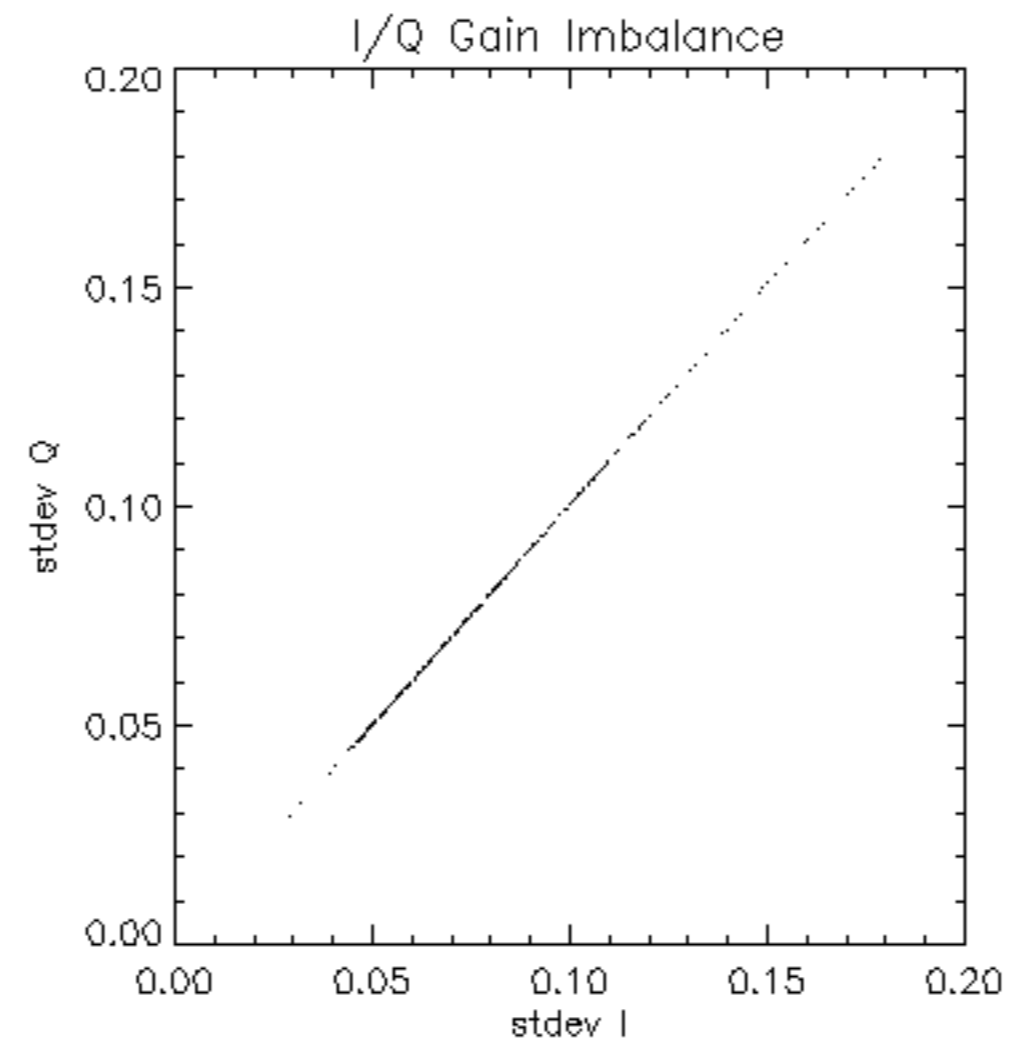


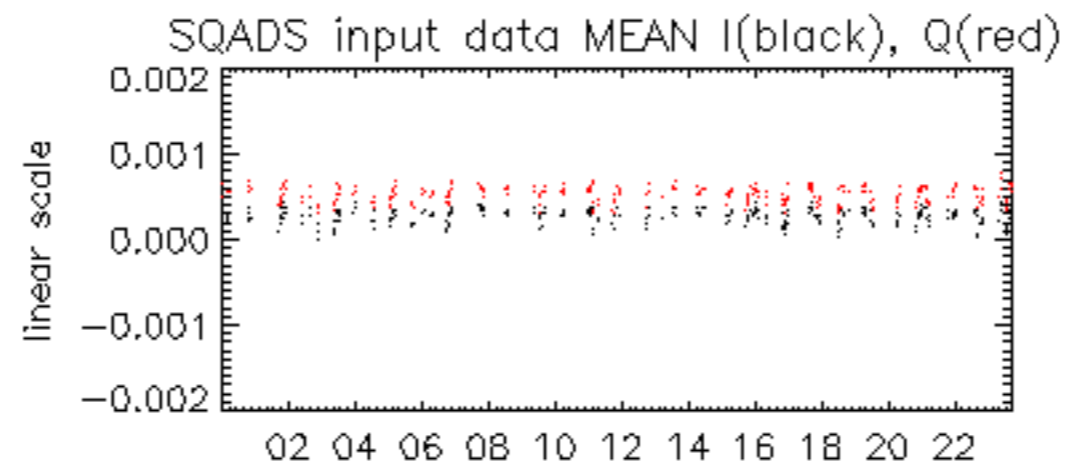




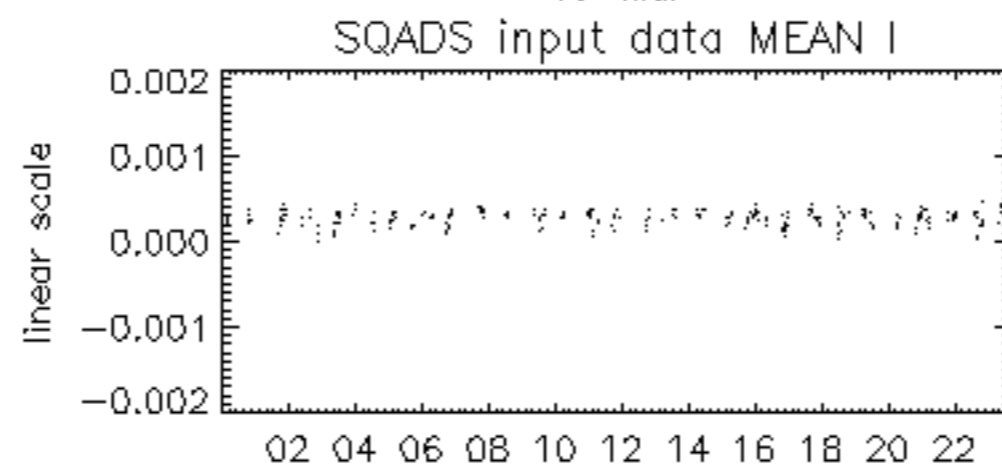




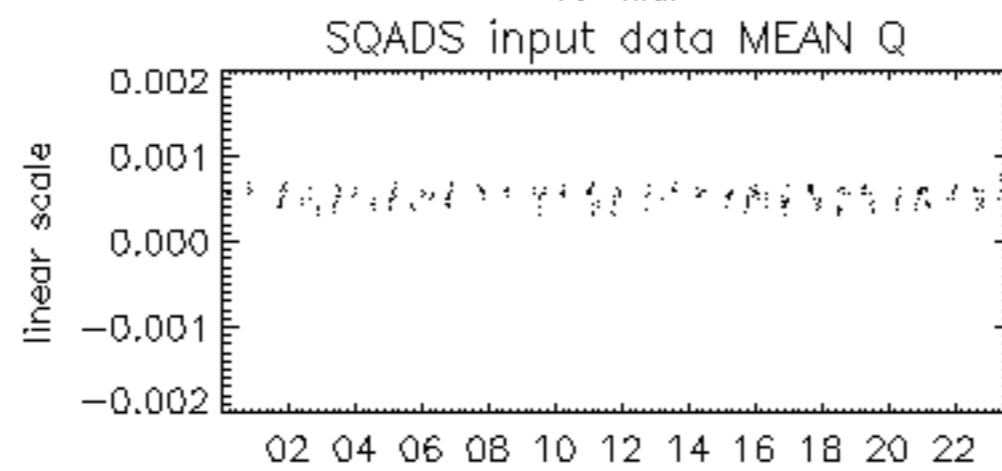




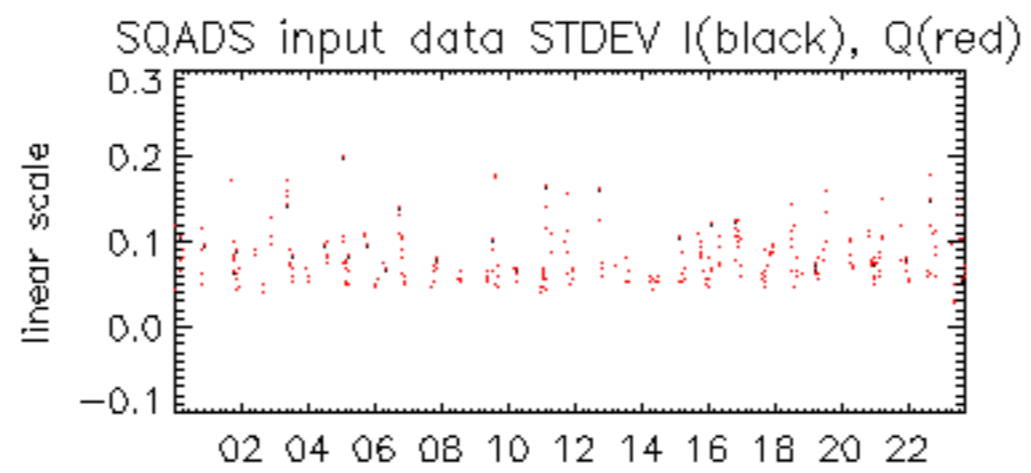
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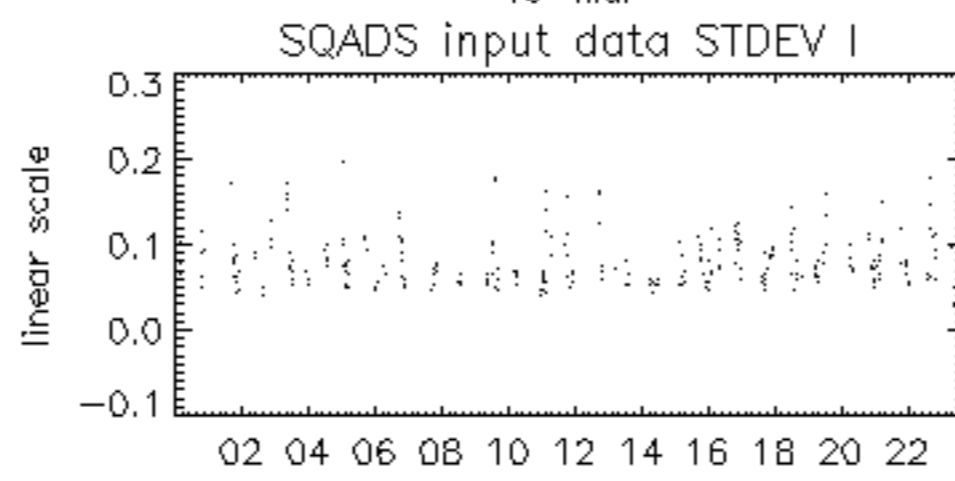
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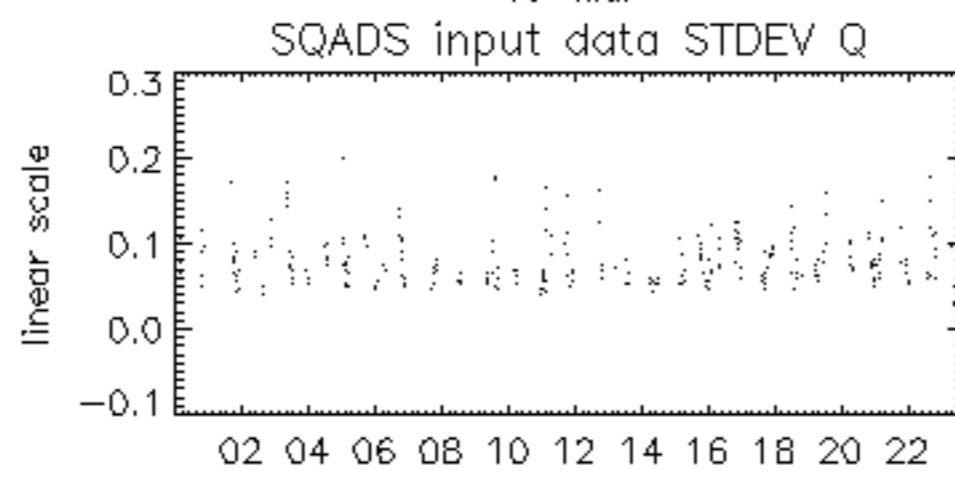
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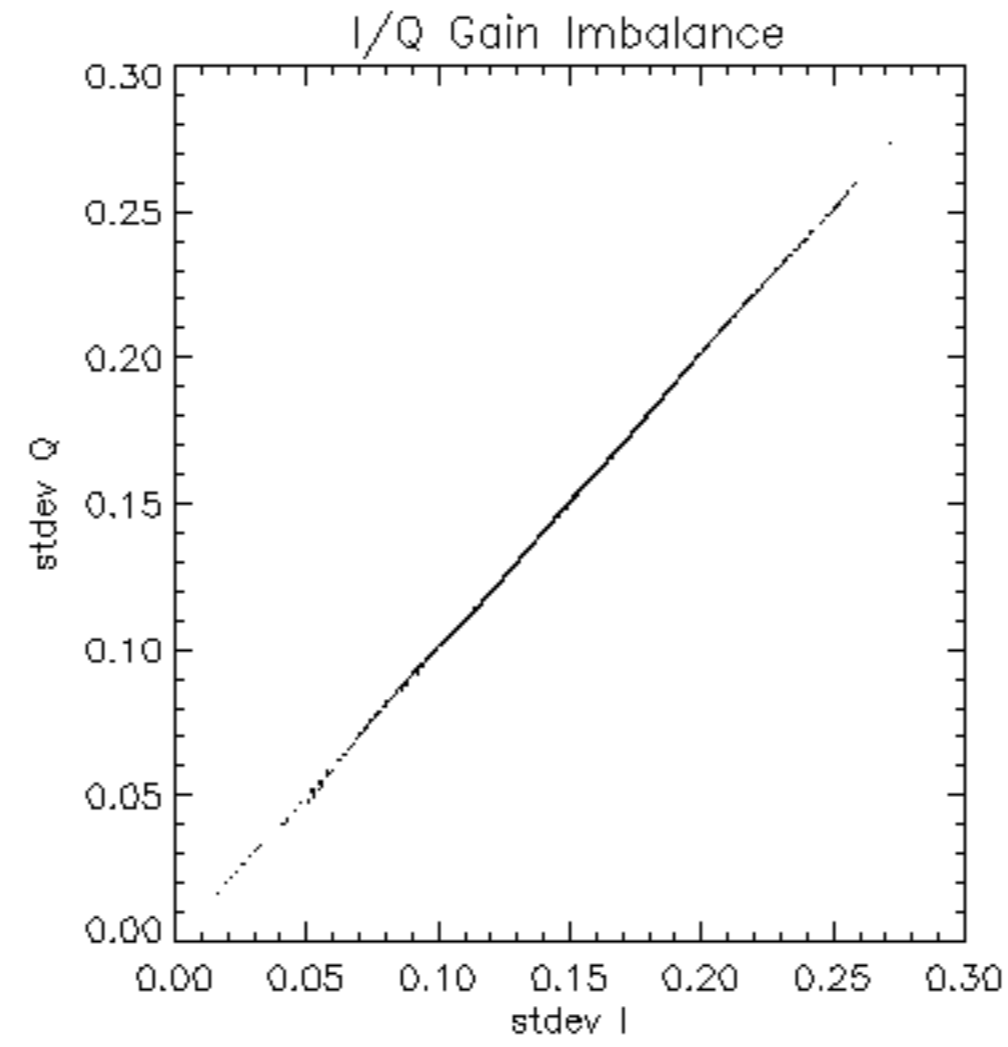


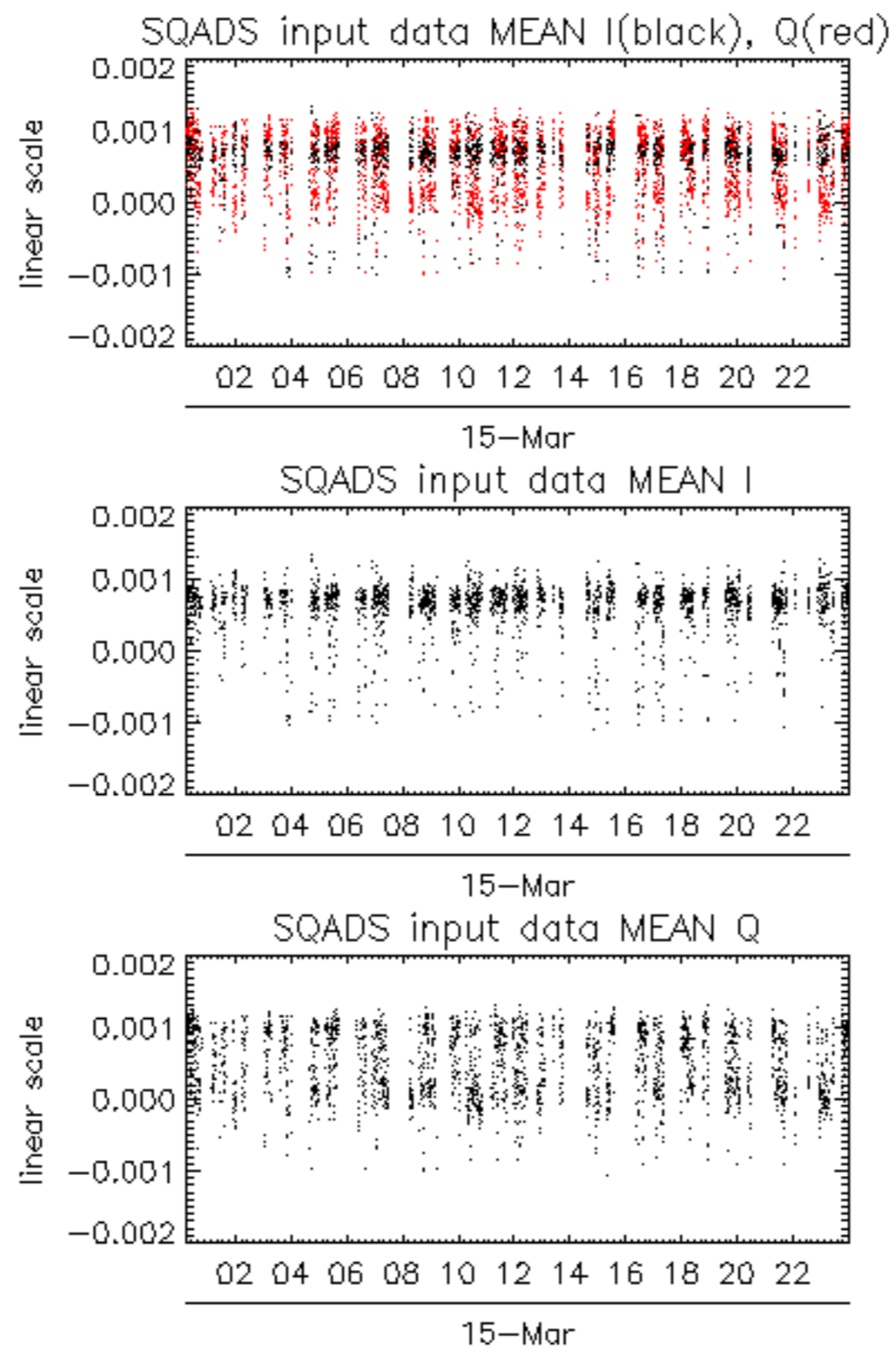
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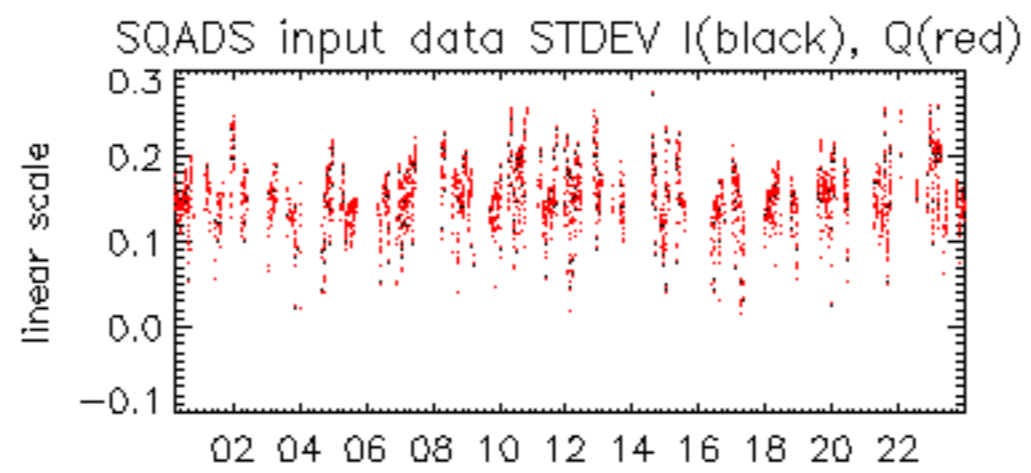


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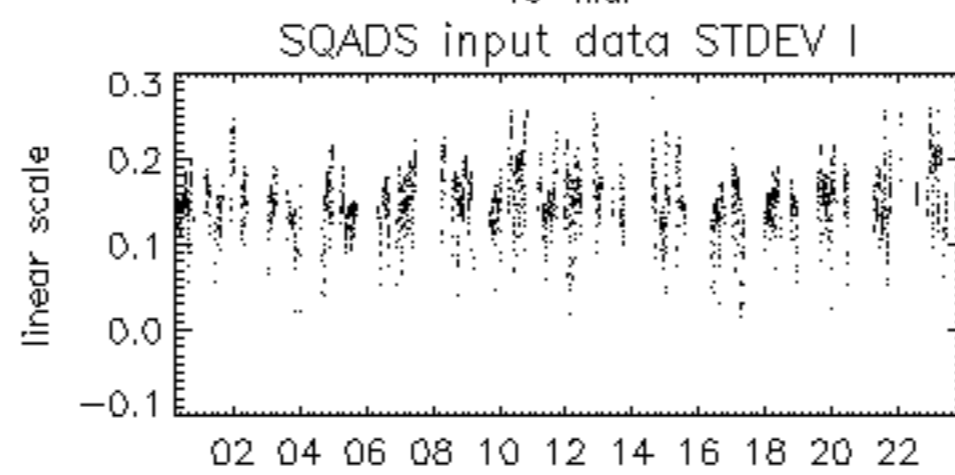




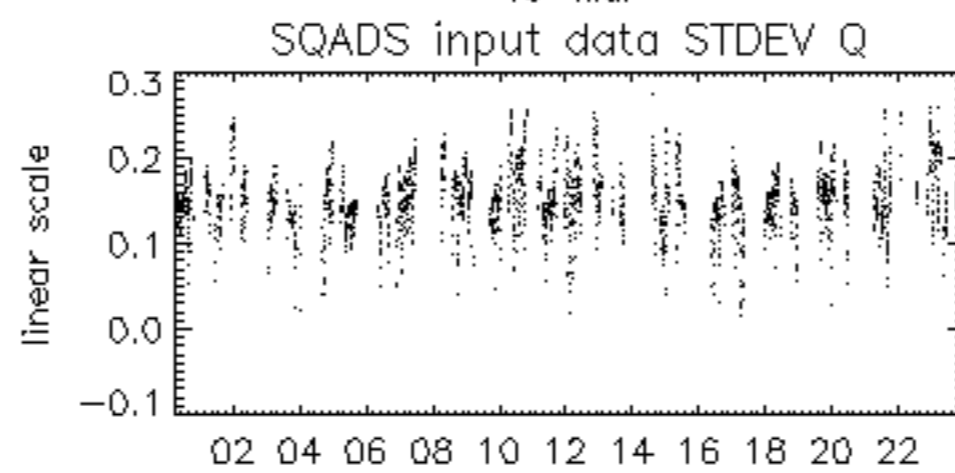




15-Mar



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15-Mar















