



Analysis from 04-APR-2012 00:00:00 to 04-APR-2012 23:59:59. Page generated on 05-APR-2012 06:31:39.  
View log file: ASAR\_Daily\_Report\_20120405\_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.com.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	37	PDE	IS1	V/H	2	PDE	IS2	V/V	1	PDE	WS	H/H	29	PDK	2012-04-04 14:00:34	H	320
PDE	IS2	V/V	29	PDK	WS	H/H	38	PDE	IS2	V/V	1	PDE	IS3	H/H	1	PDE	WS	V/V	5	PDK	2012-04-04 15:40:48	V	320
PDK	IS2	V/V	23					PDE	IS4	H/H	1	PDE	IS6	H/H	2	PDK	WS	H/H	12				
								PDE	IS4	H/V	1	PDE	IS6	V/V	1	PDK	WS	V/V	1				
								PDE	IS4	V/H	1												
								PDE	IS6	H/H	1												

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

### 2.2 - Products with wrong ADFs

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

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS

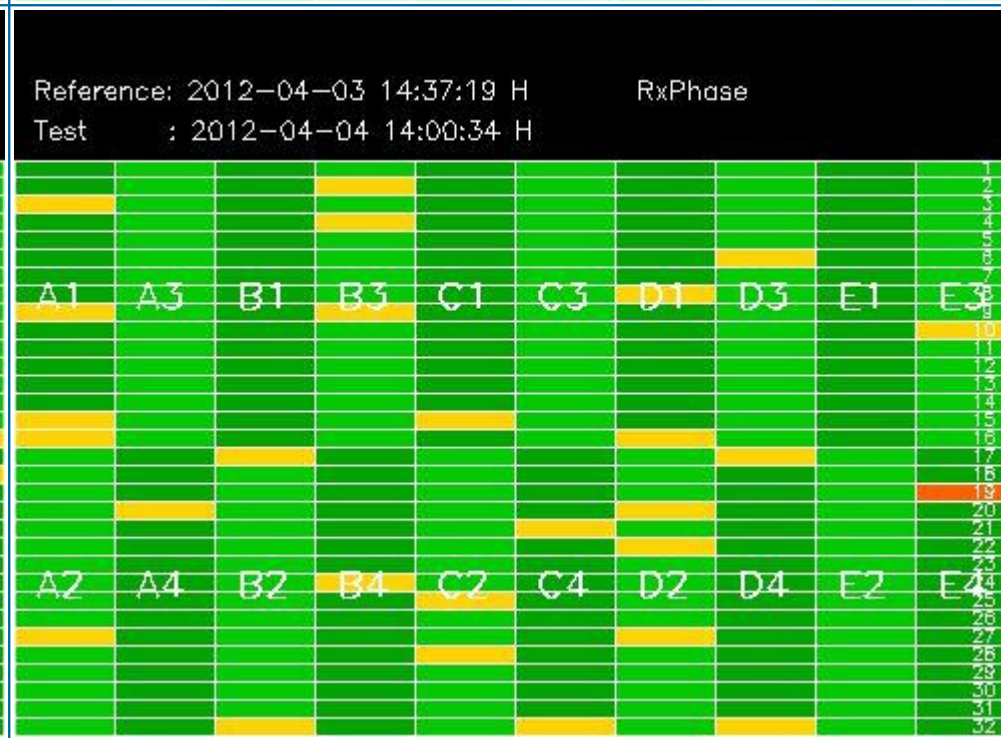
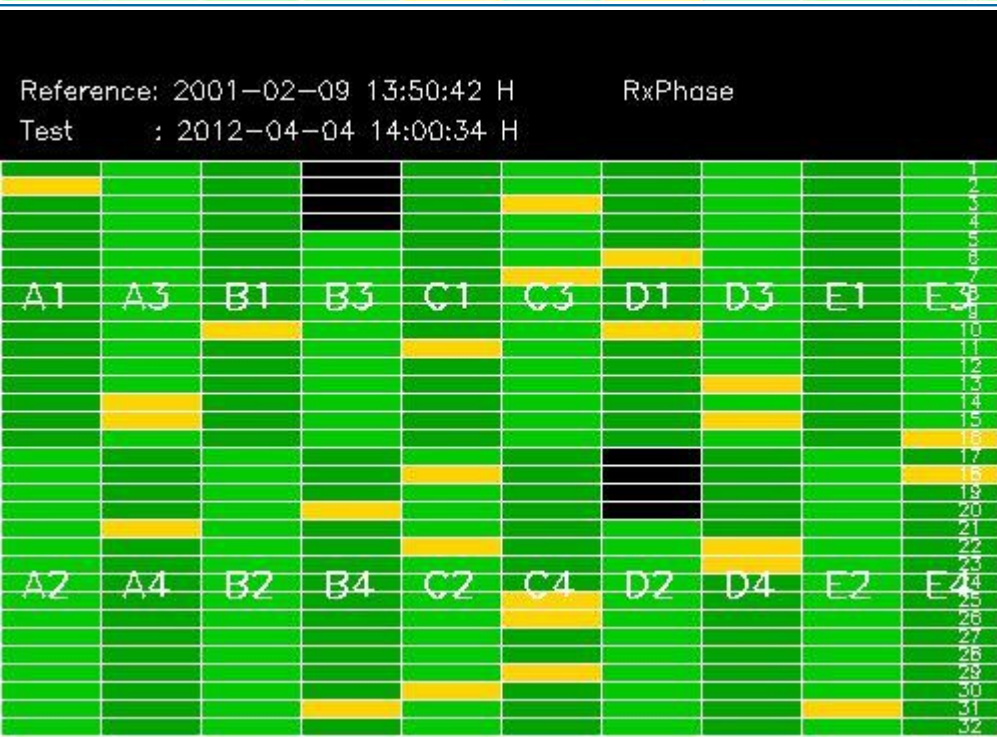
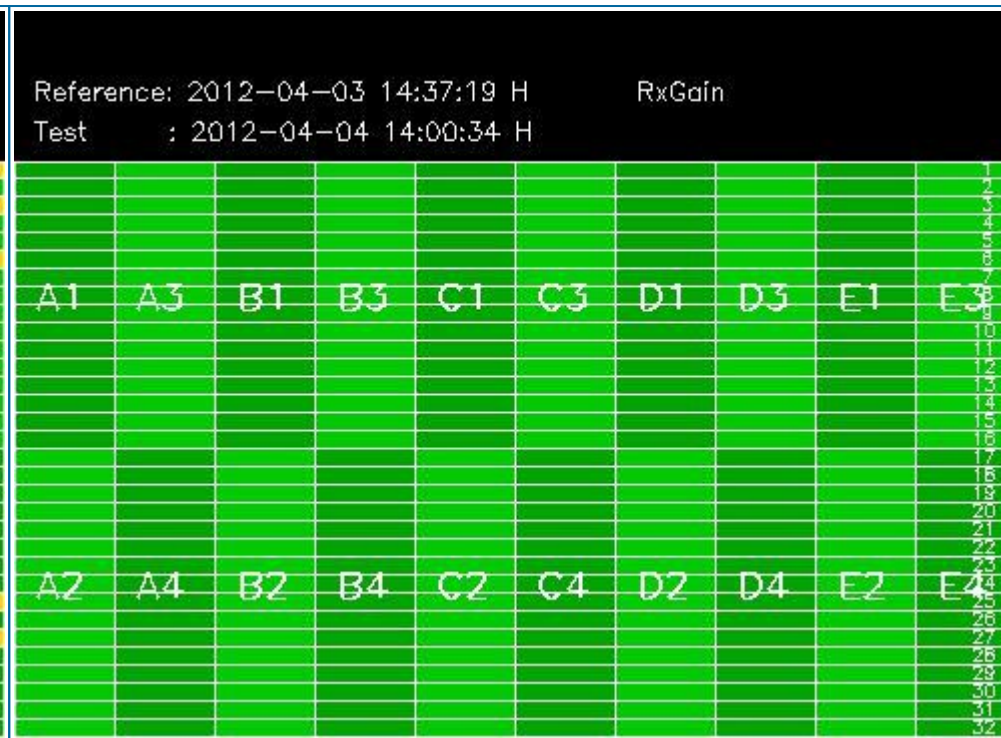
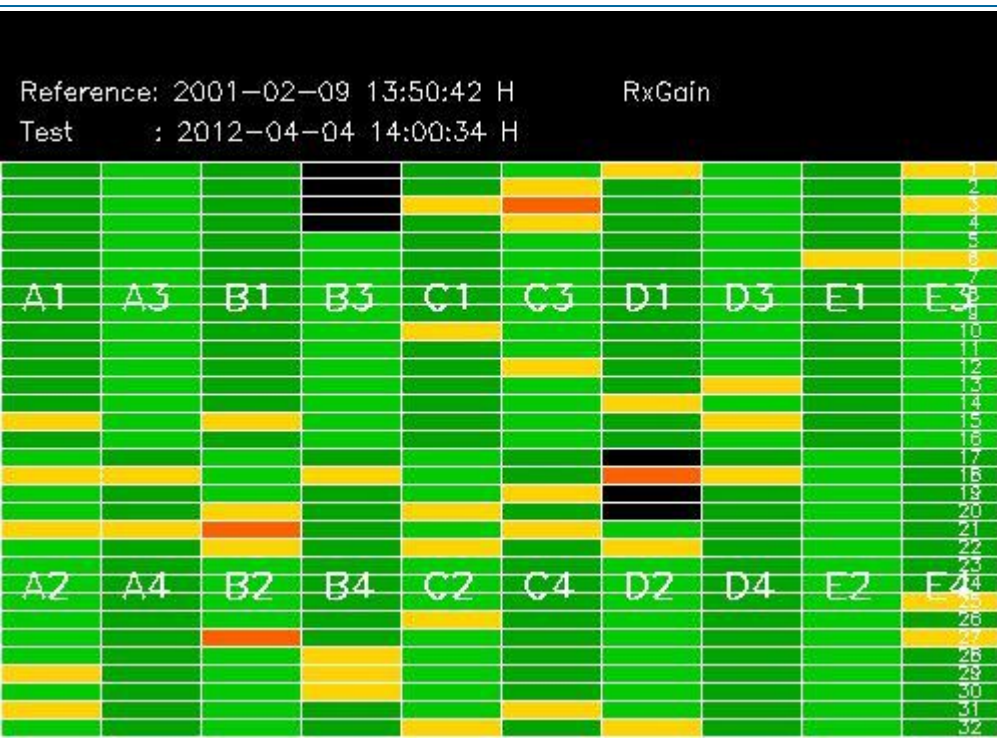


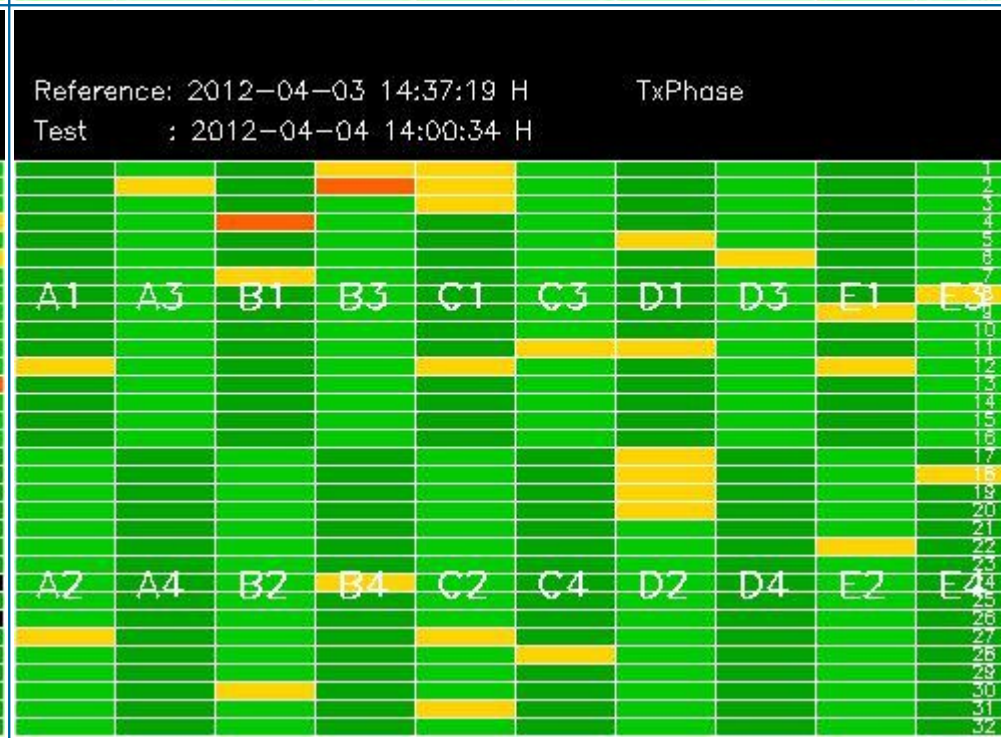
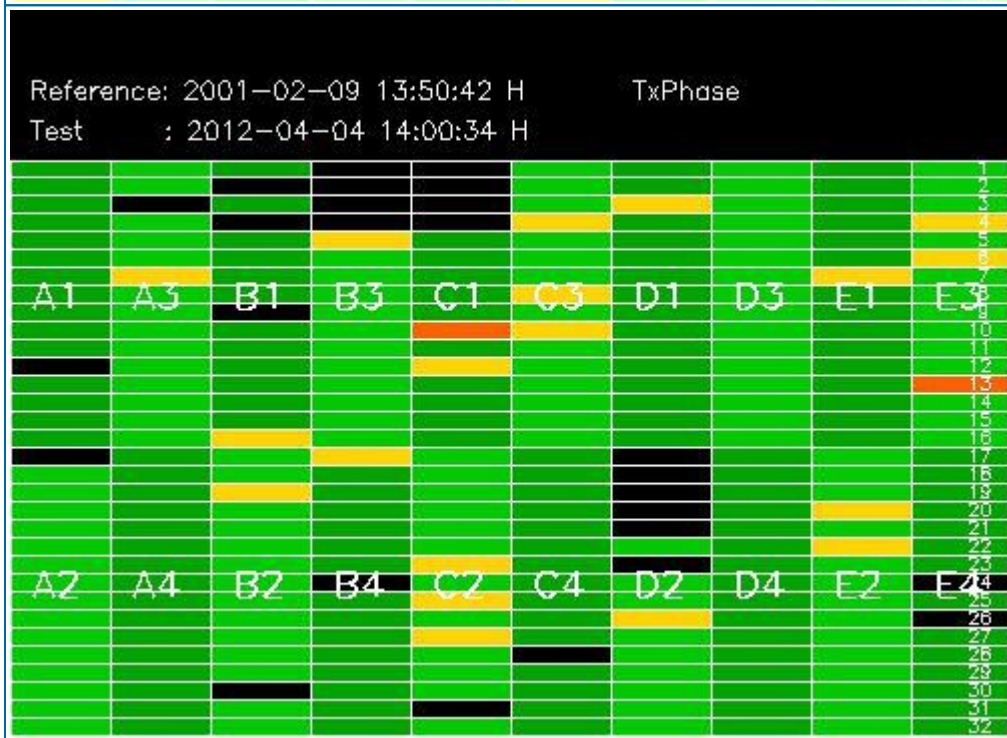
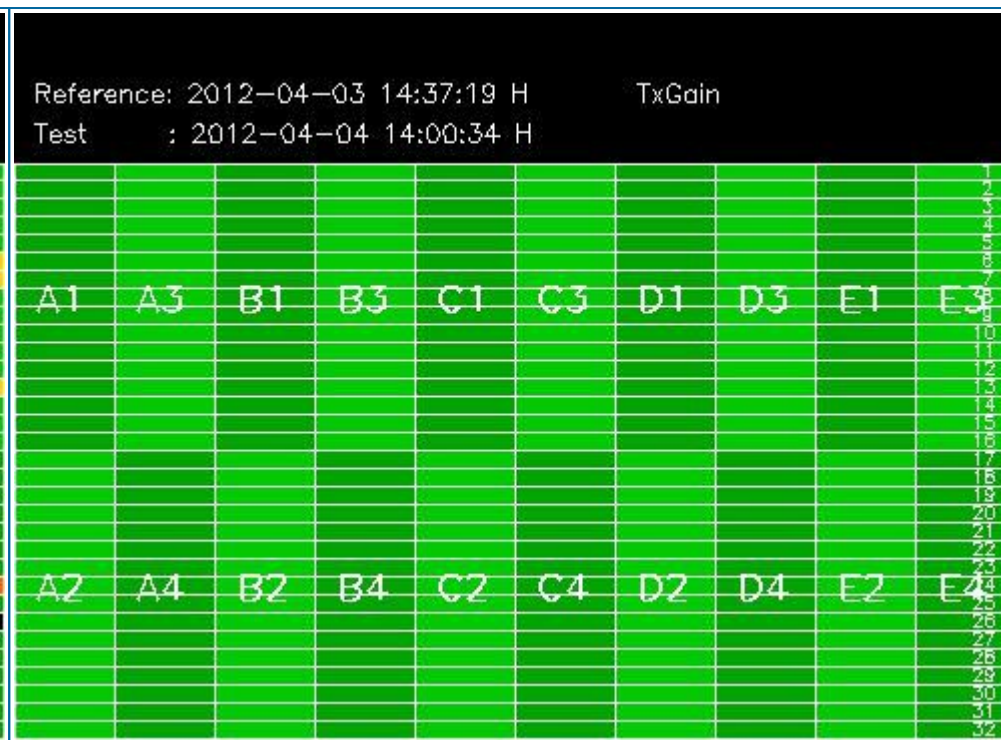
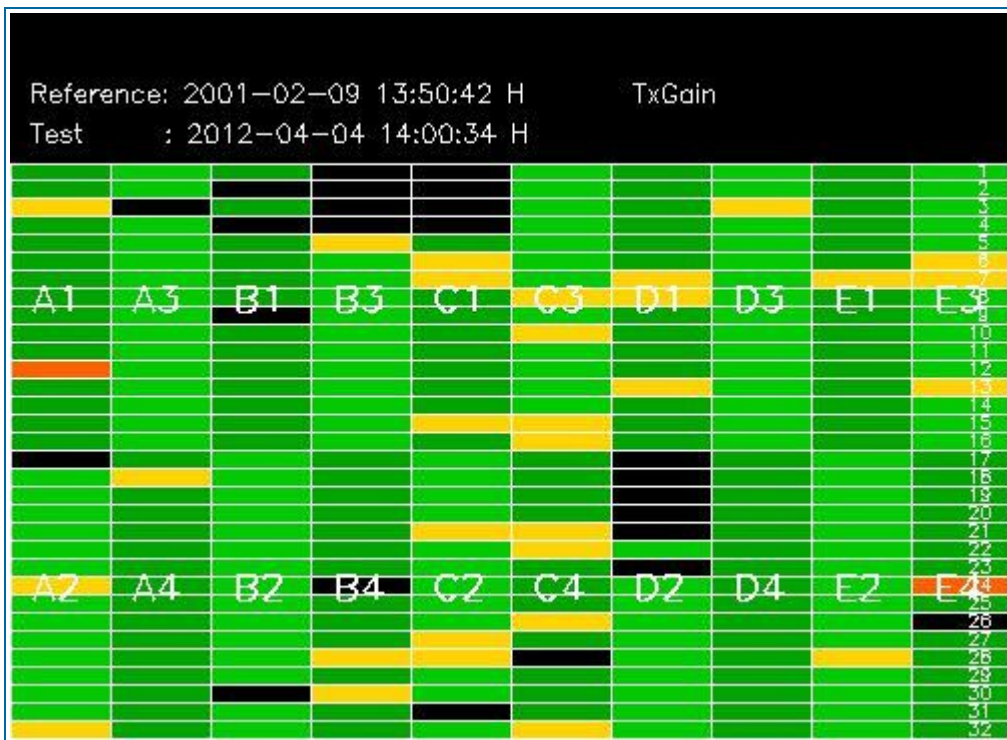


### 3.2 - H/H polarisation

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





## 4 - CALIBRATION PULSES ANALYSIS

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

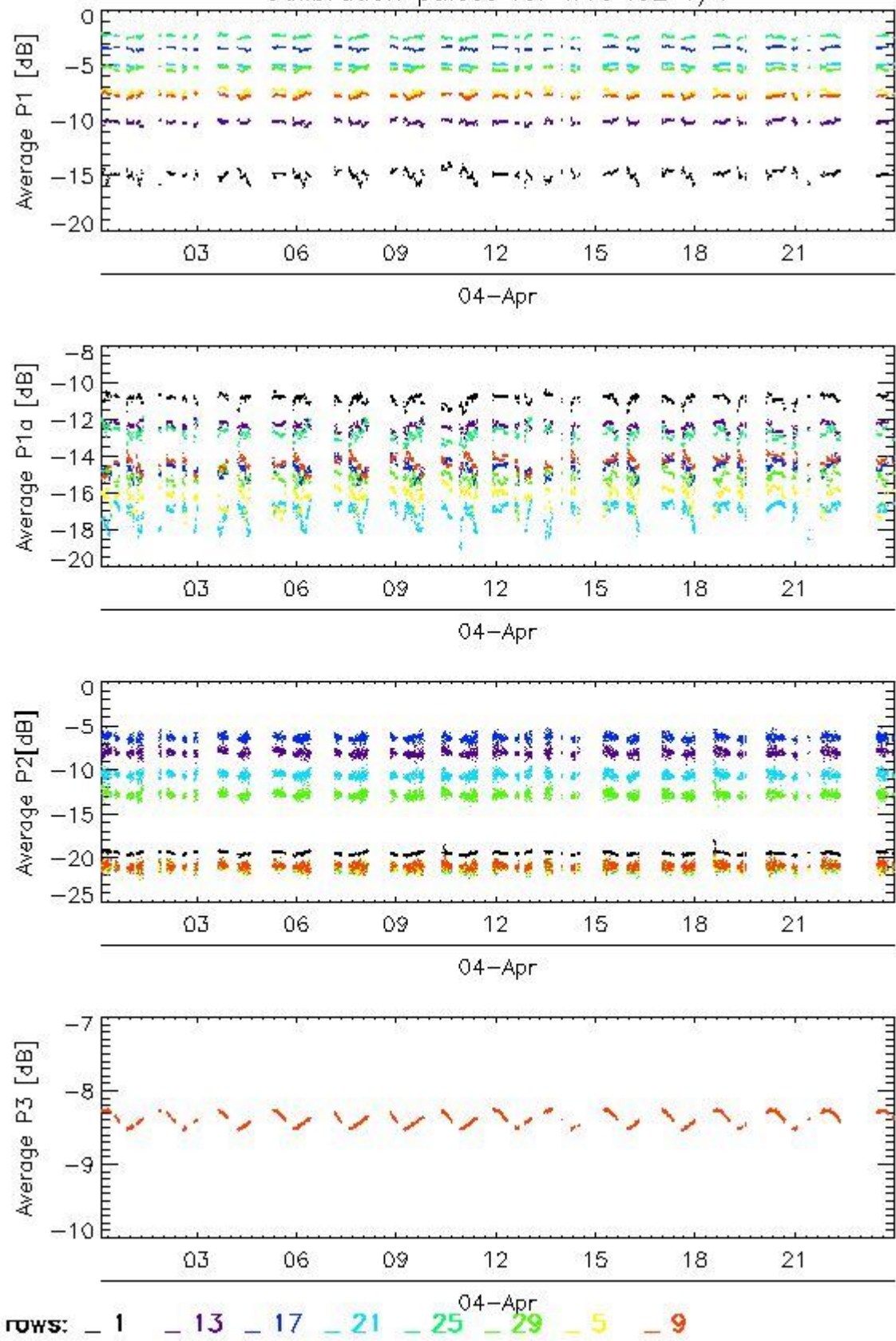
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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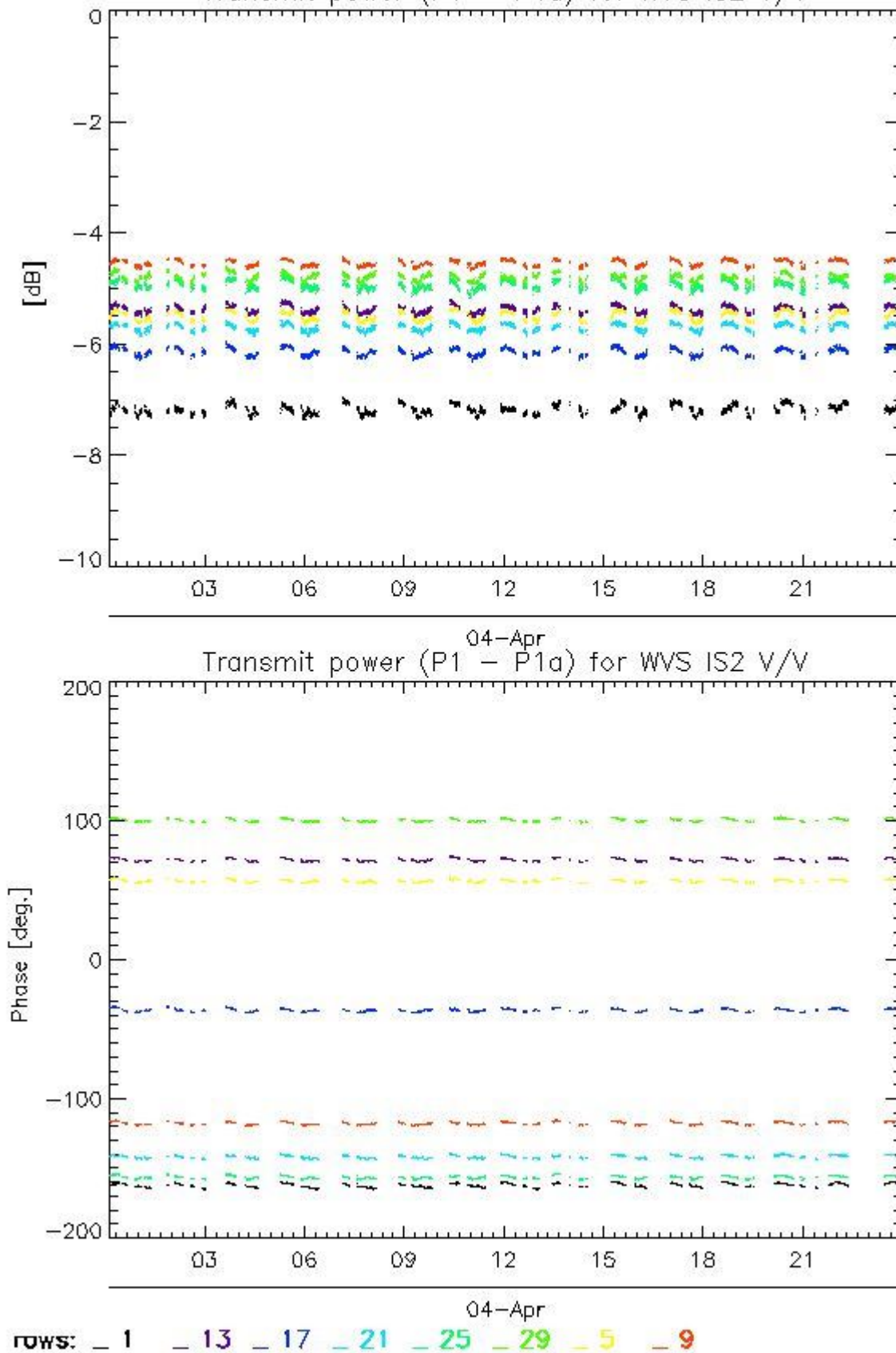
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



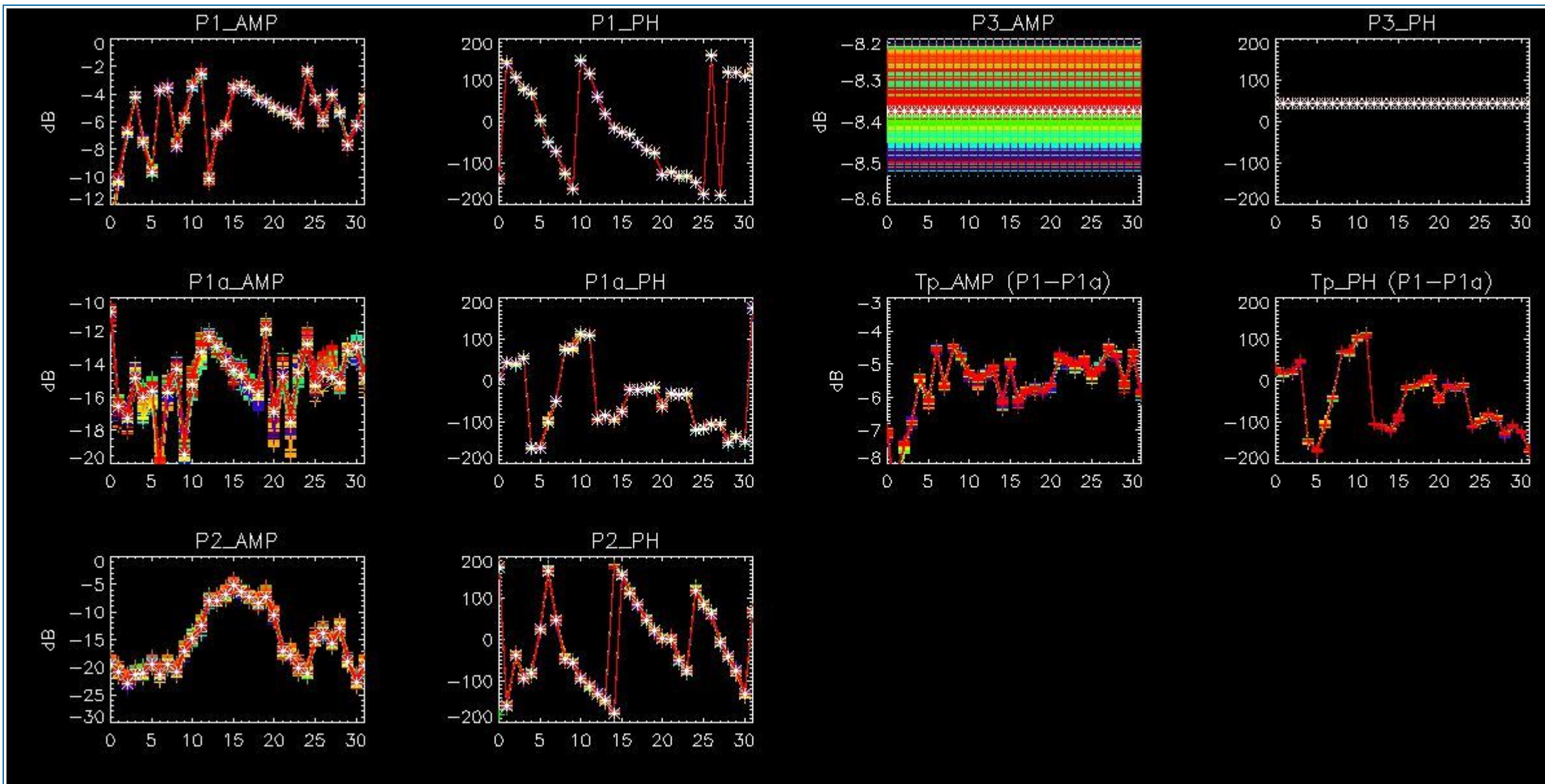
Transmit power (P1 - P1a) for WVS IS2 V/V



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

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## 4.2 - Analysis for GM1 SS3 H/H

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

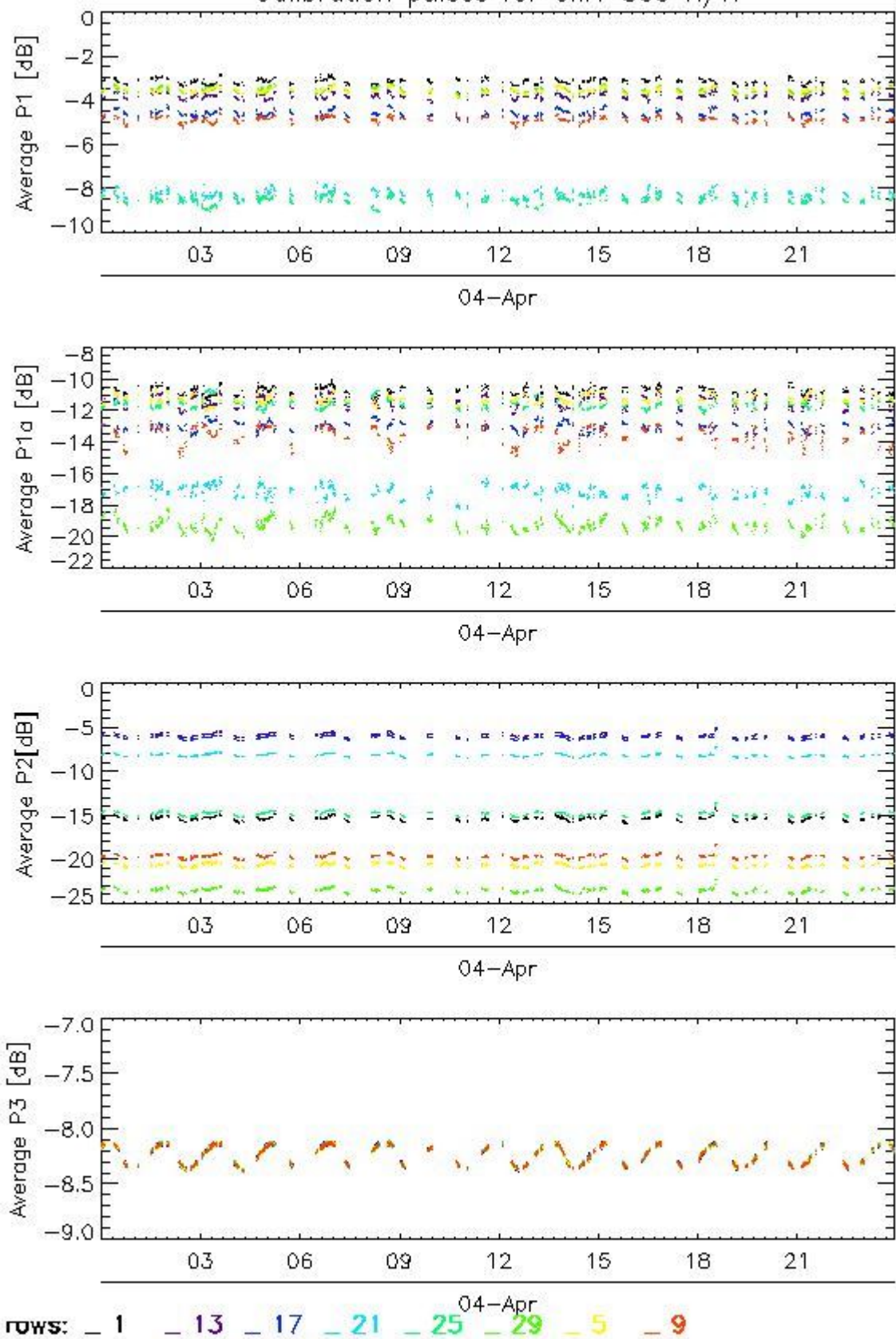
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

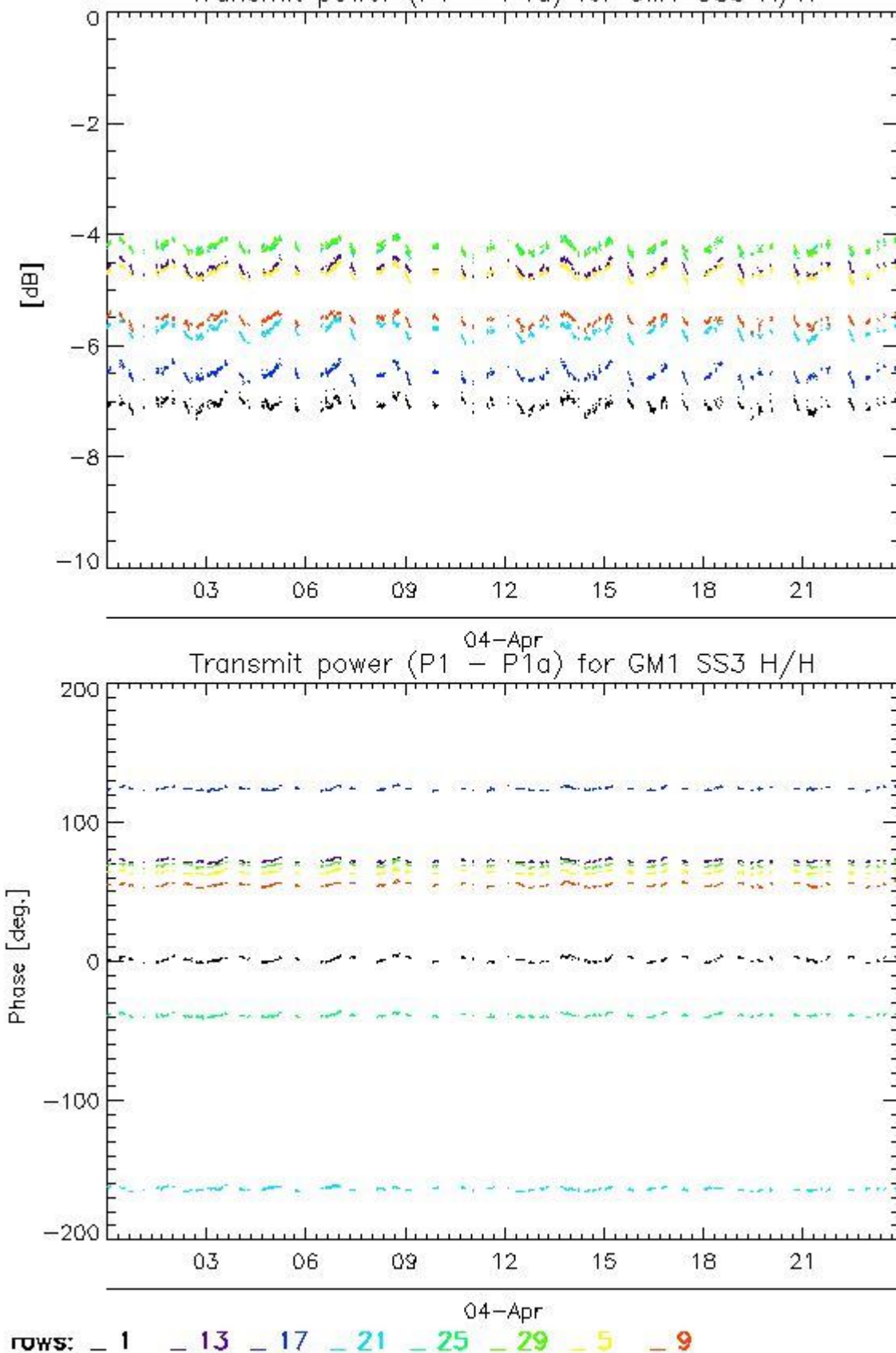
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



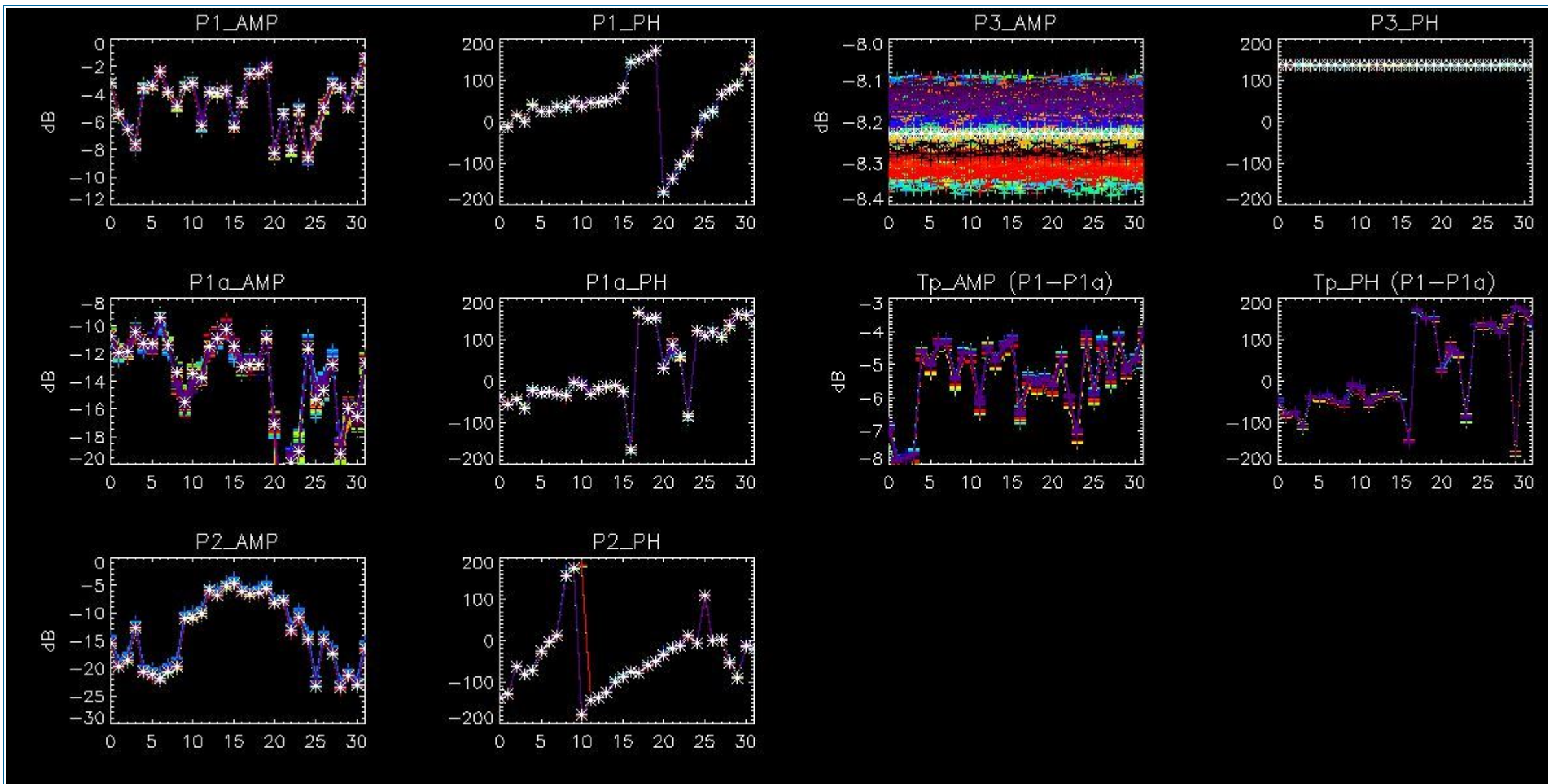
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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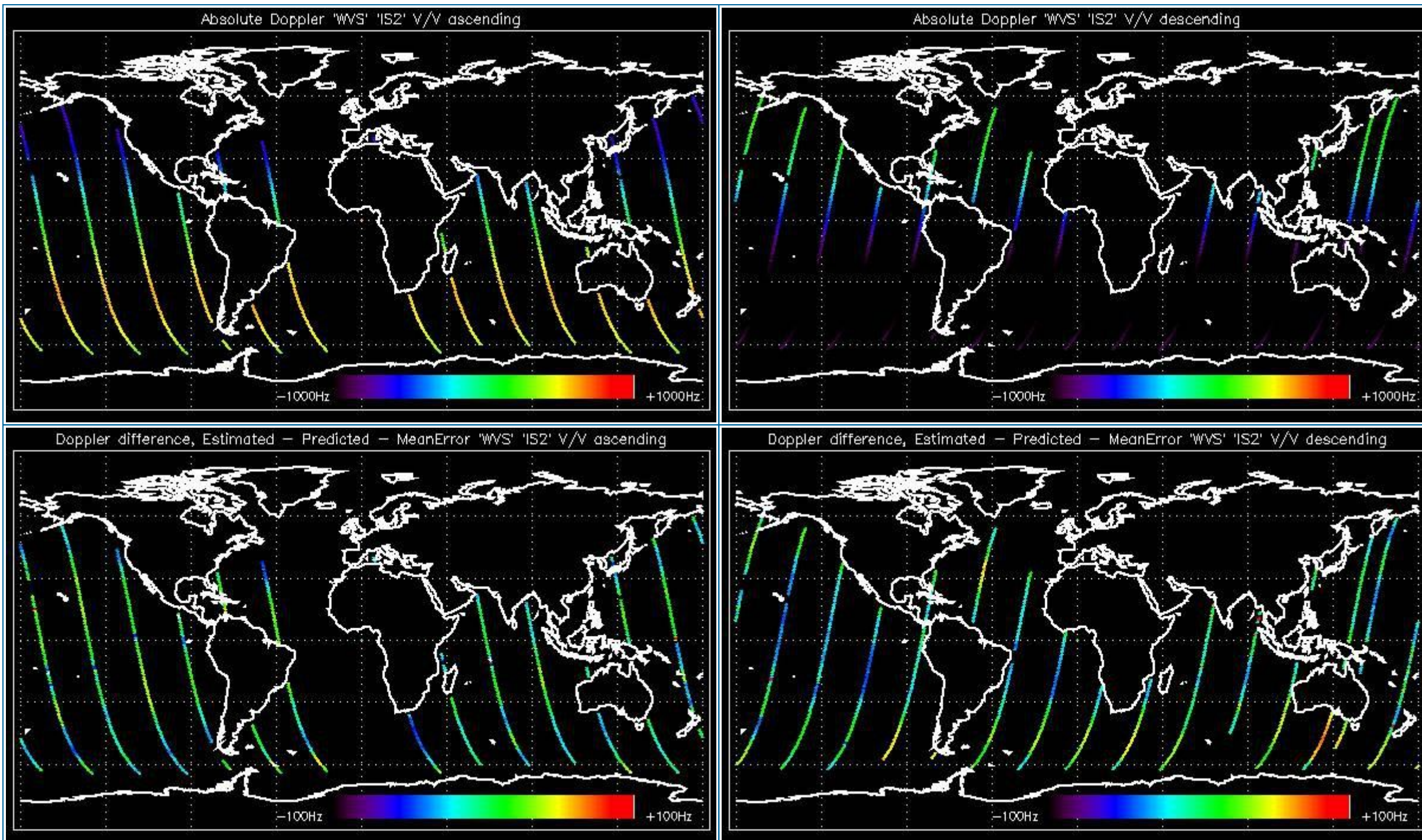
## 5 - DOPPLER ANALYSIS

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

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

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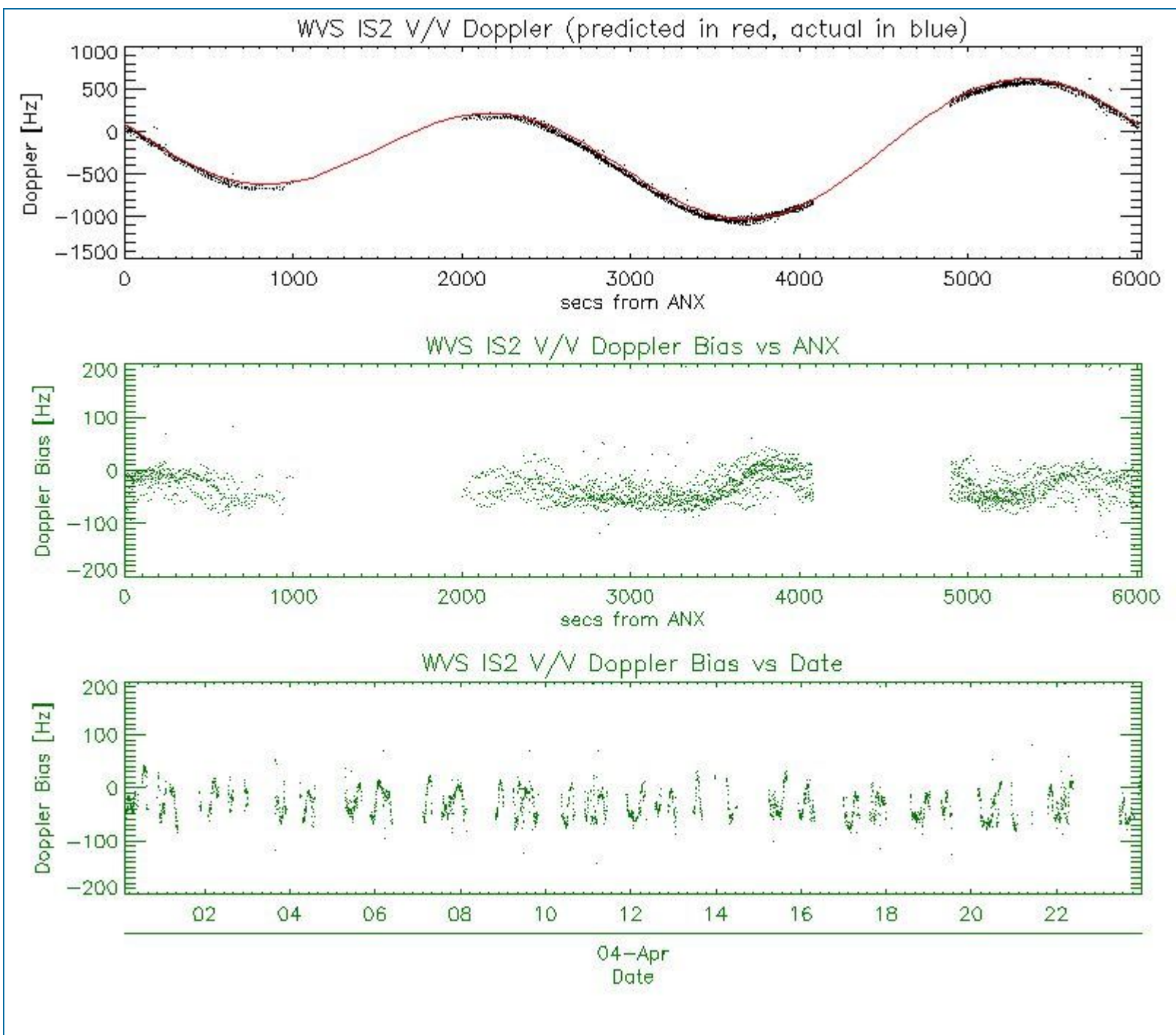




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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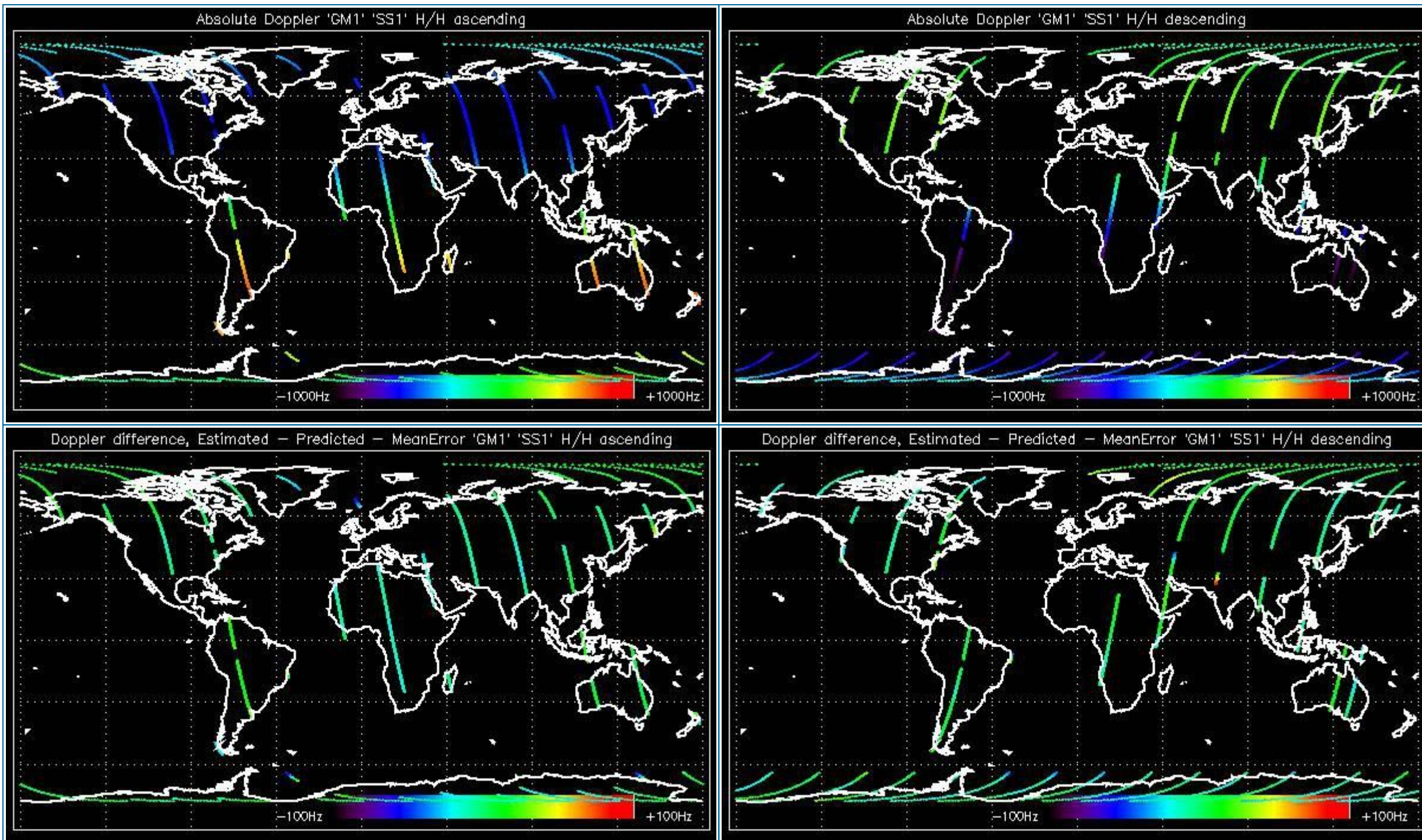


## 5.2 - Analysis for GM1 SS1 H/H

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

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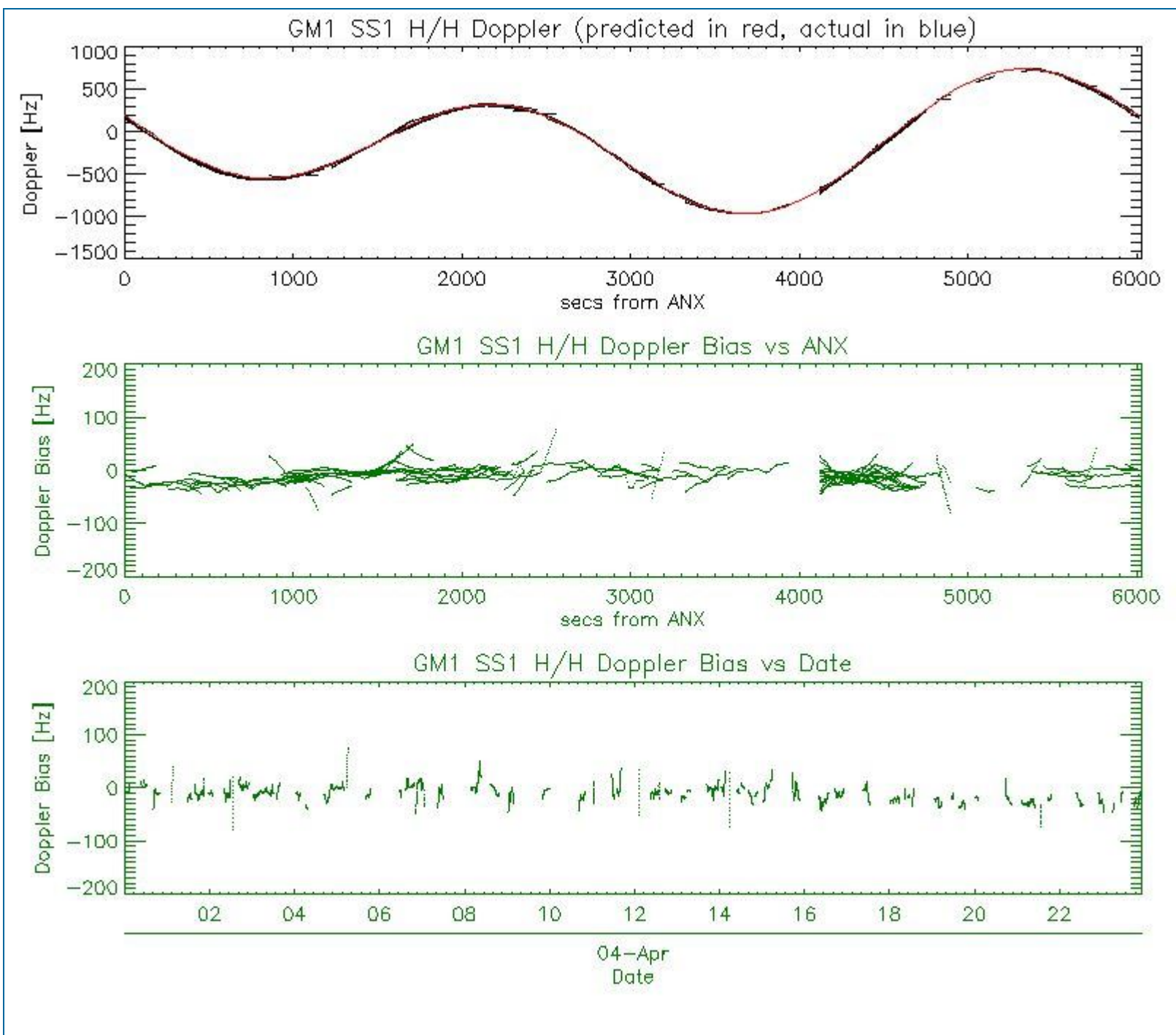




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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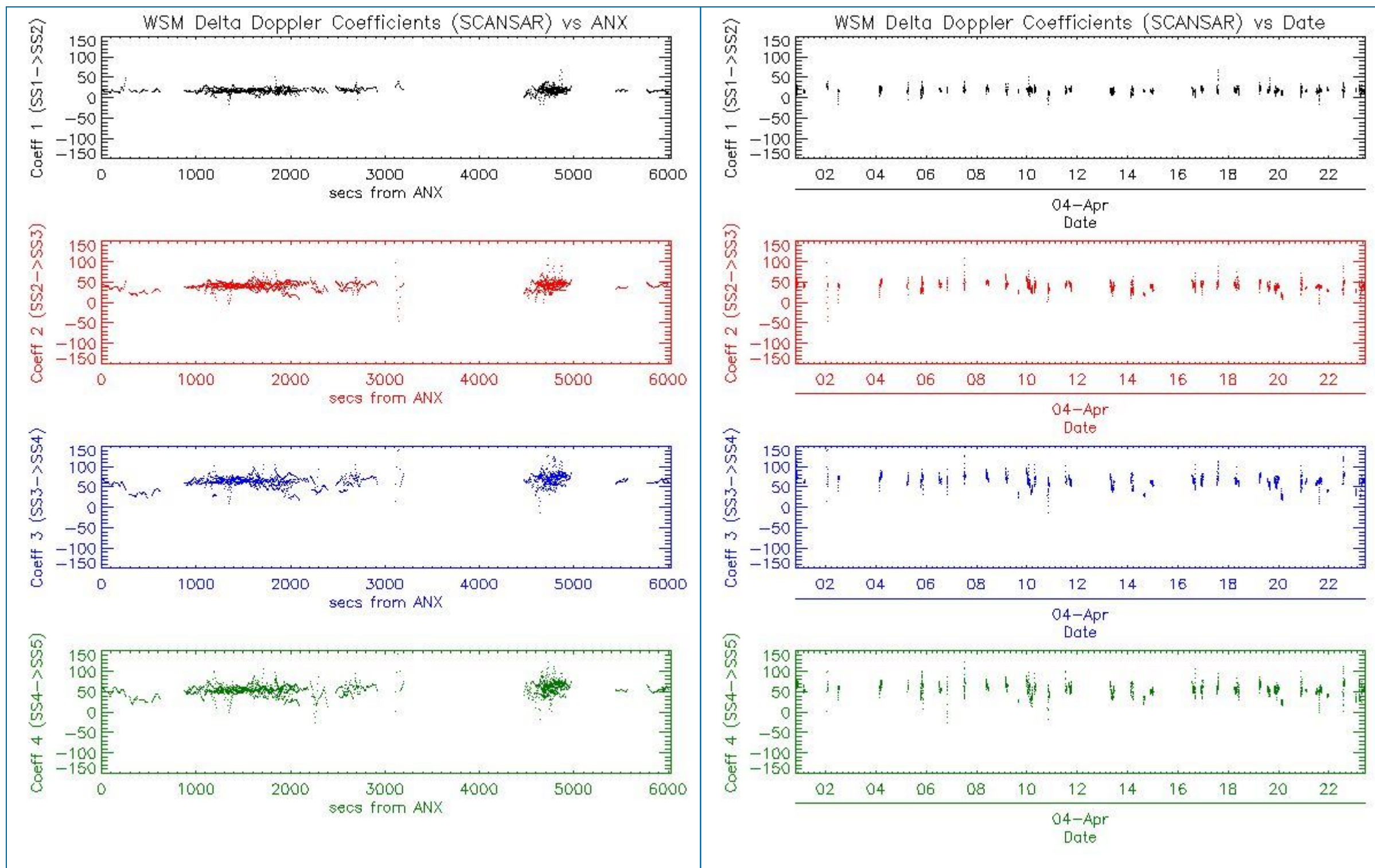




### 5.3 - Doppler JUMPS Analysis for WSM

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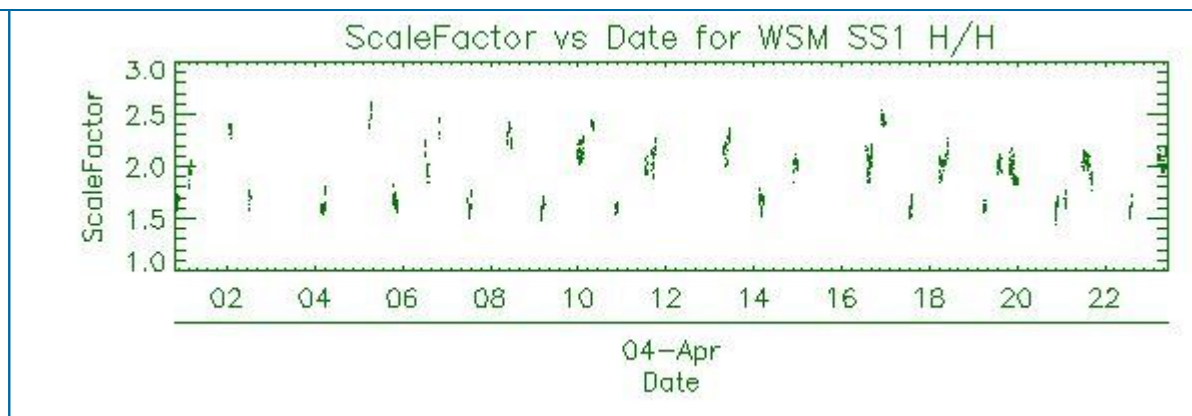
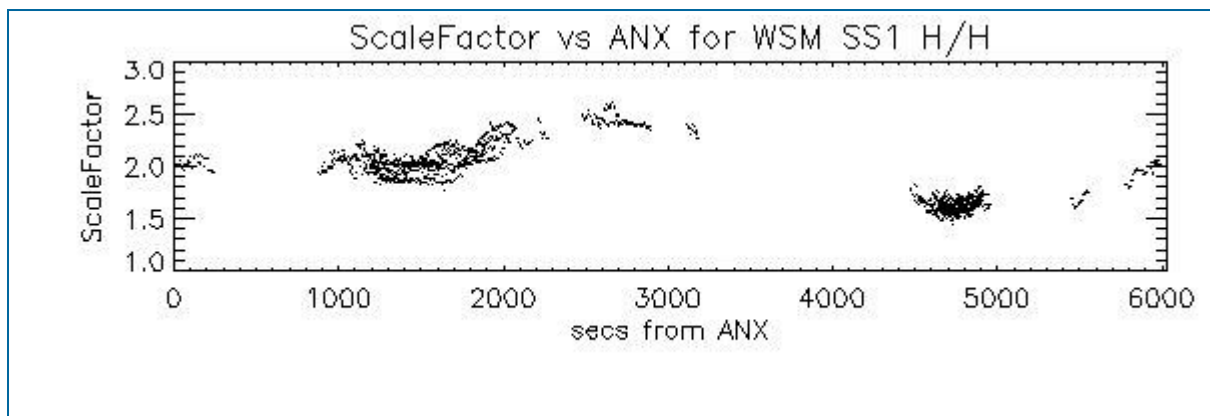
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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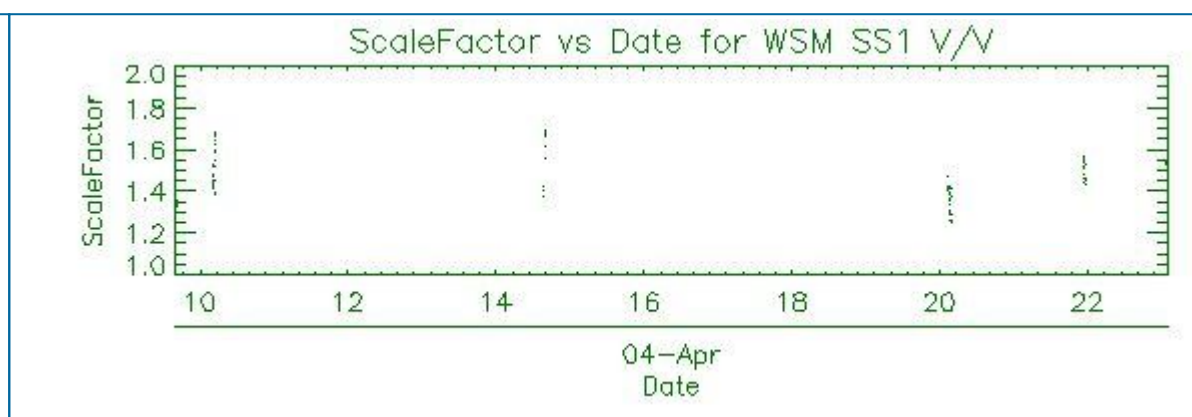
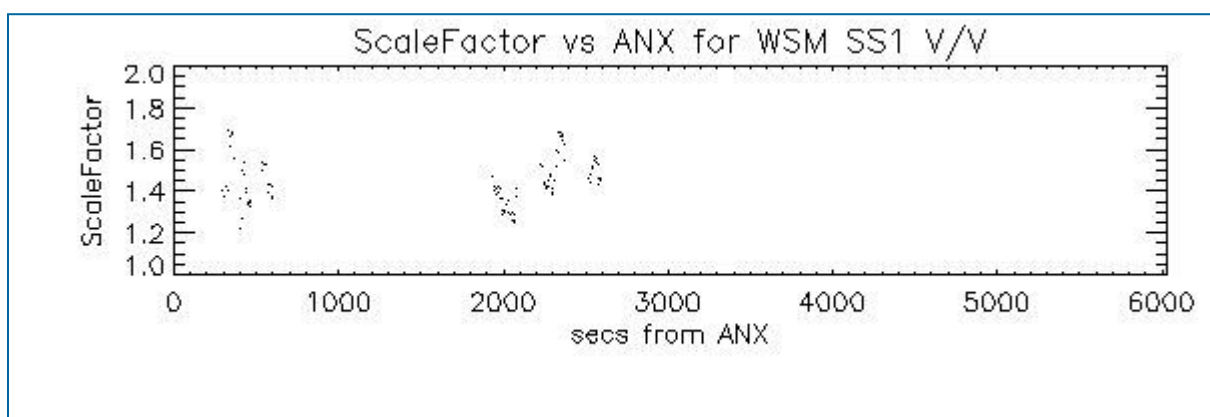




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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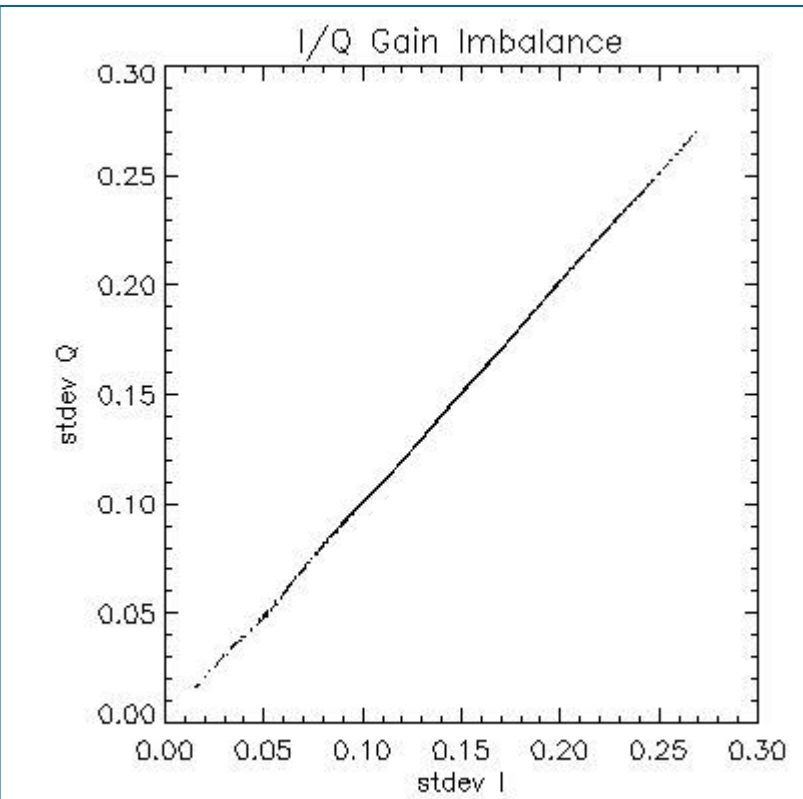
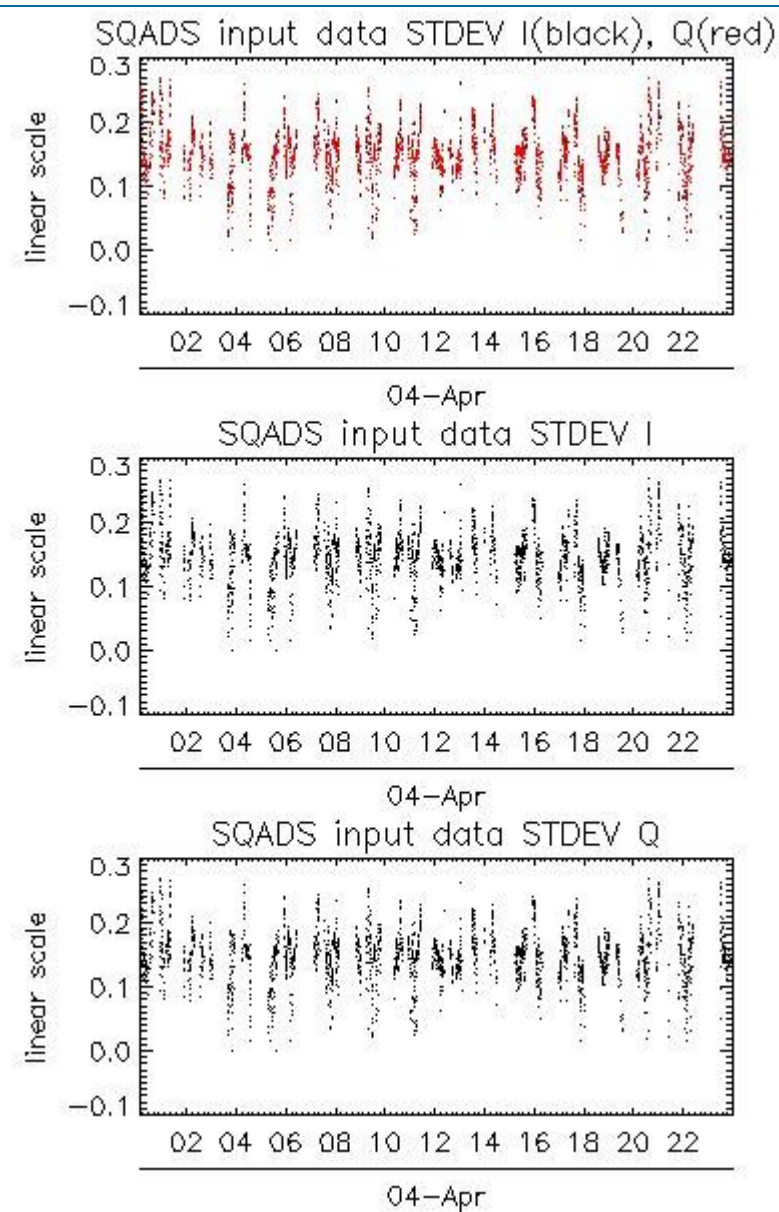
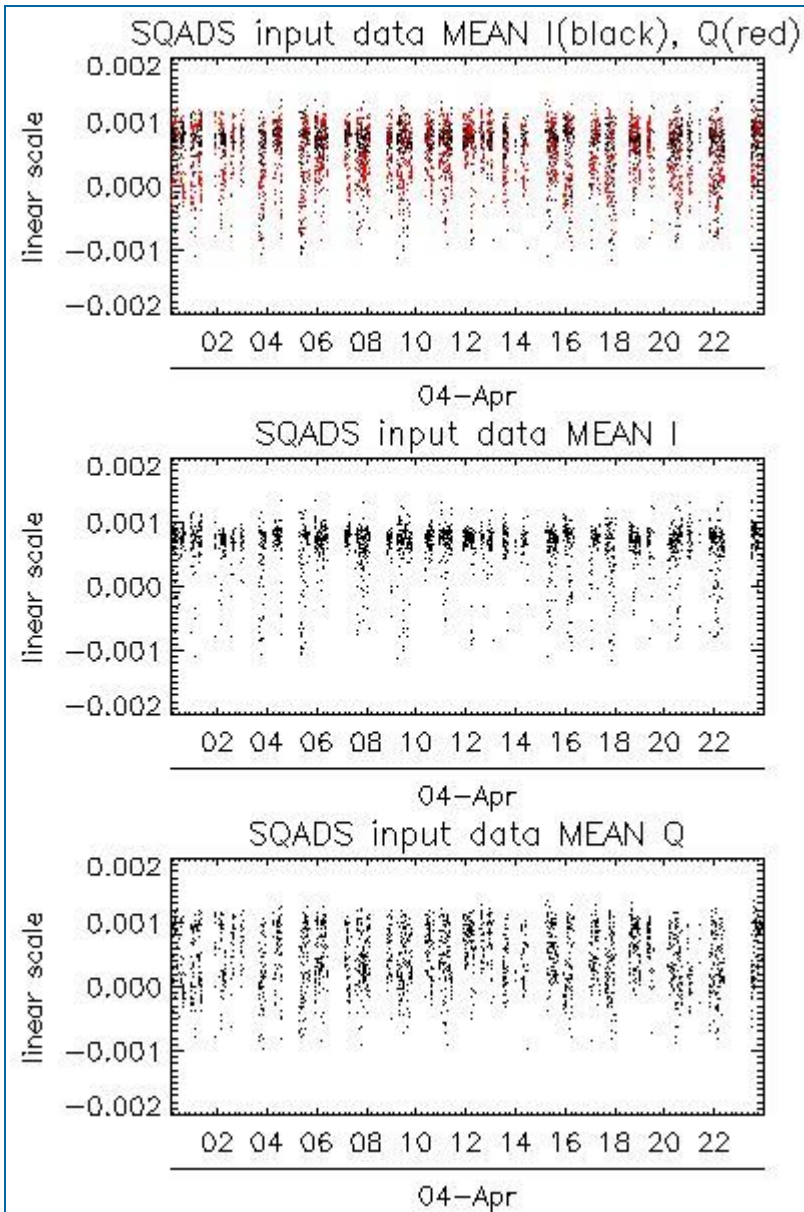
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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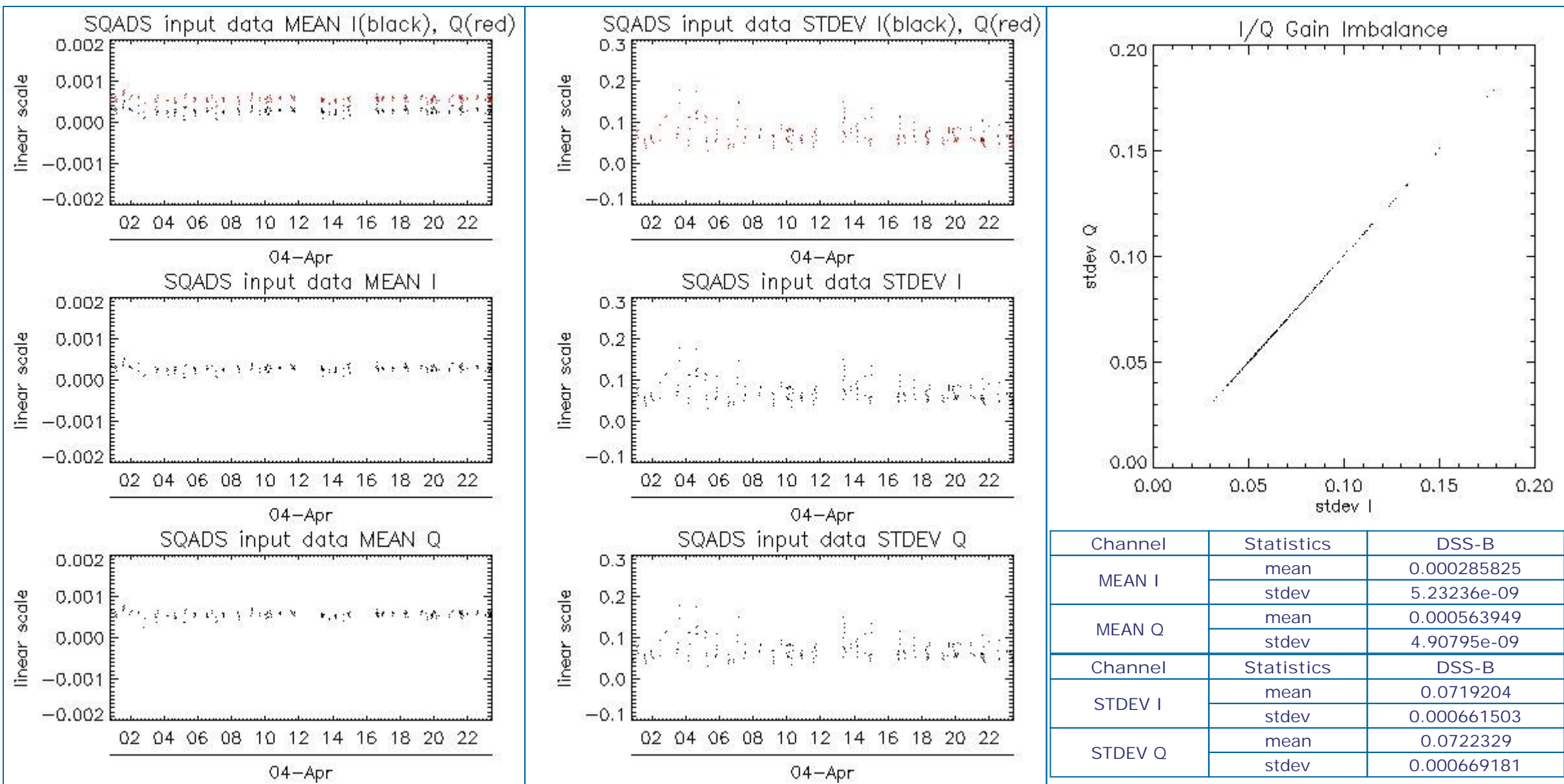


Channel	Statistics	DSS-B
MEAN I	mean	0.000622160
	stdev	1.53040e-07
MEAN Q	mean	0.000456487
	stdev	2.13546e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.149184
	stdev	0.00171317
STDEV Q	mean	0.149770
	stdev	0.00174365

## 7.2 - Analysis for IMM

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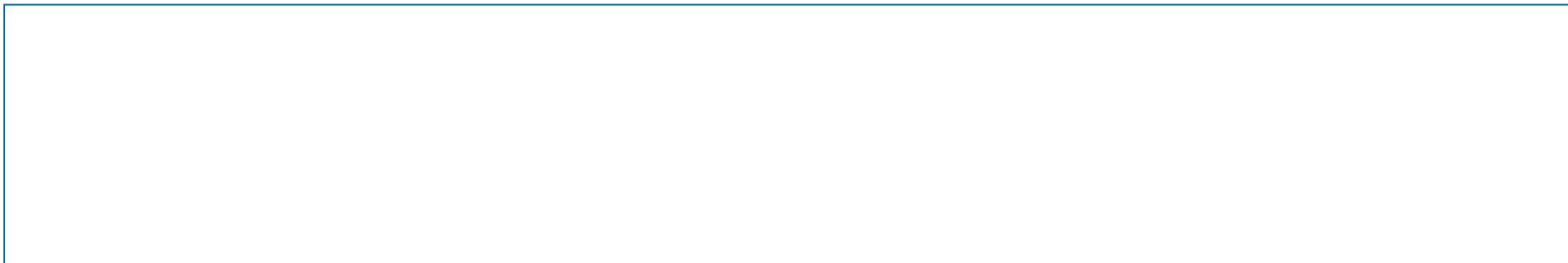


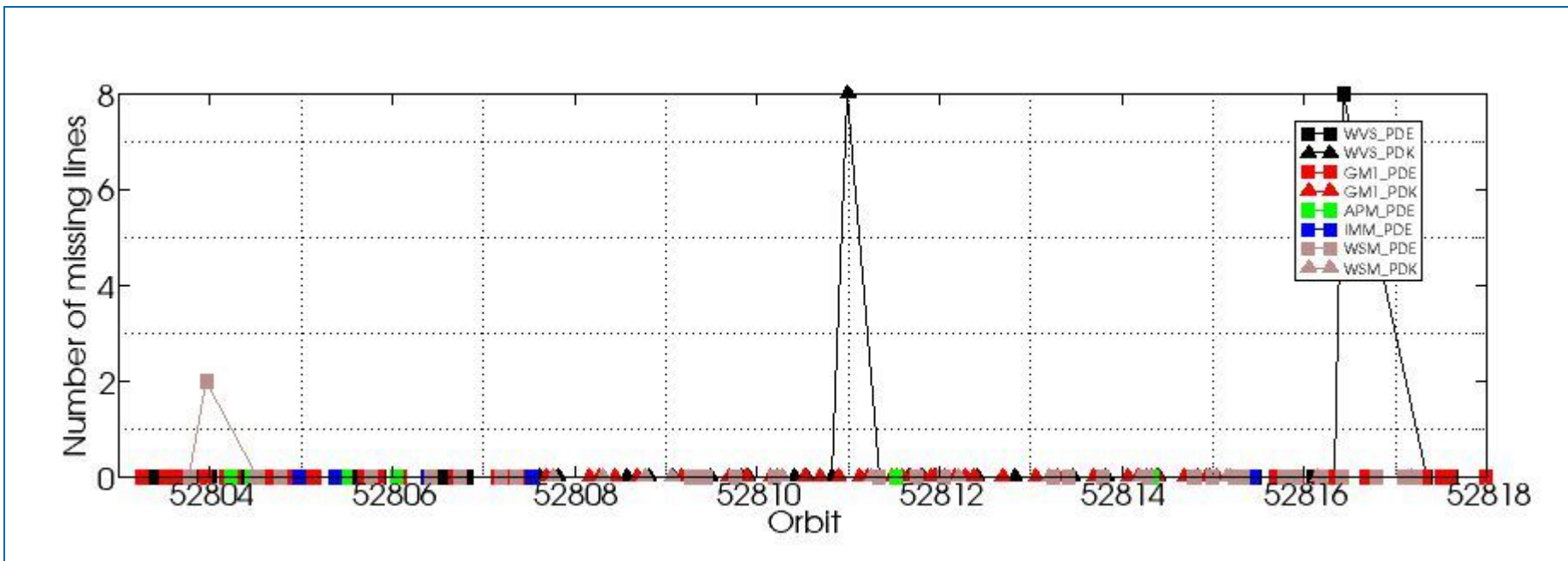
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120404_005329_000004353113_00203_52803_9336.N1	1	0
PDE	ASA_WVS_1PNPDE20120404_070801_000003443113_00207_52807_9430.N1	1	0
PDE	ASA_WVS_1PNPDE20120404_205609_000001353113_00215_52815_9601.N1	1	0
PDE	ASA_WVS_1PNPDE20120404_215801_000014693113_00216_52816_9630.N1	0	8
PDK	ASA_WVS_1PNPDK20120404_125237_000007083113_00210_52810_7610.N1	0	8
PDE	ASA_WSM_1PNPDE20120404_010746_000002143113_00203_52803_9345.N1	0	2

### 8.1 - Number of Missing lines

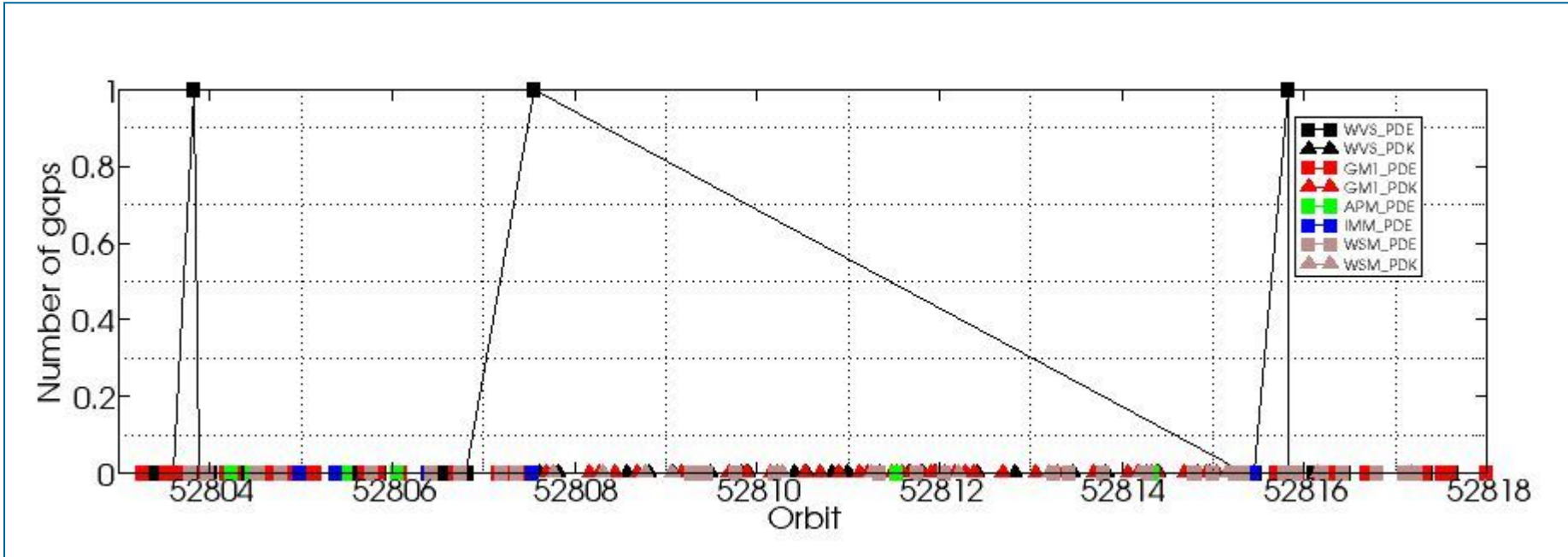
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 120404  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-04-04 00:00:00

Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120404/

DATA SUMMARY  
#####  
Summary will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120404/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120404/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120404/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120404/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120404/AUXILIARY...

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



ADF filter 20120404\*current\_3\_IECF\_ADFs.txt  
 Found list 20120404\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20110526\_075001\_20101027\_215740\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20120126\_110323\_20110607\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120404_000726_000008693113_00203_52803_9332.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_002433_000000593113_00203_52803_9333.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_003132_000004803113_00203_52803_9335.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_005329_000004353113_00203_52803_9336.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_010000_000003453113_00203_52803_9349.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_011116_000006593113_00203_52803_9375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_015216_000001643113_00204_52804_9374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_020509_000008703113_00204_52804_9366.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_023330_000004053113_00204_52804_9365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_025513_000003443113_00205_52805_9360.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_033828_000000743113_00205_52805_9359.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_034109_000005693113_00205_52805_9358.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_035024_000002703113_00205_52805_9400.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_041413_000000753113_00205_52805_9399.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_041811_000010493113_00205_52805_9404.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_051735_000009893113_00206_52806_9406.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_053350_000003903113_00206_52806_9419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_055349_000018443113_00206_52806_9432.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_070801_000003443113_00207_52807_9430.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_200919_000005393113_00215_52815_9597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_201941_000013493113_00215_52815_9600.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_205609_000001353113_00215_52815_9601.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_205739_000003903113_00215_52815_9616.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_212451_000000453113_00216_52816_9619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_214758_000004653113_00216_52816_9620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_215801_000014693113_00216_52816_9630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_232823_000010043113_00217_52817_9643.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_234810_000000743113_00217_52817_9647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120404_235601_000003153113_00217_52817_9648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_071331_000004203113_00207_52807_7474.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_073403_000020543113_00207_52807_7476.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_084910_000006903113_00208_52808_7511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_091417_000014693113_00208_52808_7510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_094103_000005103113_00209_52809_7515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_102200_000011393113_00209_52809_7557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_105459_000003453113_00209_52809_7556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_110317_000014093113_00209_52809_7560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_115407_000006293113_00210_52810_7603.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_120637_000008703113_00210_52810_7605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_123453_000004503113_00210_52810_7607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_125237_000007083113_00210_52810_7610.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_132821_000007643113_00211_52811_7654.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_135905_000000453113_00211_52811_7657.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_141507_000004953113_00211_52811_7659.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_142829_000000743113_00211_52811_7664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_151428_000015443113_00212_52812_7703.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_155647_000013193113_00212_52812_7705.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_165939_000013343113_00213_52813_7730.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



```
ASA_WVS_1PNPDK20120404_173641_000014093113_00213_52813_7732.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_183346_000016943113_00214_52814_7760.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_191703_000005553113_00214_52814_7761.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120404_193000_000001343113_00214_52814_7764.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_GM1.txt...

```
ASA_GM1_1PNPDE20120404_002243_000001023113_00203_52803_9331.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_002621_000003083113_00203_52803_9334.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_004012_000005073113_00203_52803_9337.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_010625_000000723113_00203_52803_9350.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_012831_000003443113_00204_52804_9357.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_013822_000008343113_00204_52804_9376.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_015835_000003023113_00204_52804_9373.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_022029_000005493113_00204_52804_9372.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_023200_000000843113_00204_52804_9371.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_024101_000000843113_00204_52804_9370.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_024235_000003983113_00204_52804_9369.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_025040_000002713113_00204_52804_9368.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120404_030513_000000903113_00205_52805_9364.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120404_033346_000002773113_00205_52805_9361.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_040045_000004713113_00205_52805_9401.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_041614_000001083113_00205_52805_9402.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120404_051322_000000963113_00206_52806_9407.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120404_204302_000005433113_00215_52815_9603.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_210721_000010513113_00215_52815_9617.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_213232_000000723113_00216_52816_9618.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_214324_000002713113_00216_52816_9621.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_222317_000005673113_00216_52816_9625.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_225447_000004593113_00217_52817_9640.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120404_231515_000001203113_00217_52817_9641.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_082031_000001633113_00208_52808_7505.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_120514_000000783113_00210_52810_7604.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_124301_000005733113_00210_52810_7608.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_130504_000003863113_00211_52811_7609.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_131439_000002473113_00211_52811_7611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_134145_000002773113_00211_52811_7652.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_134729_000003263113_00211_52811_7653.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_135302_000003623113_00211_52811_7655.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_140208_000003443113_00211_52811_7656.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_141337_00000843113_00211_52811_7658.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_142400_000002653113_00211_52811_7660.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_143030_000002653113_00211_52811_7661.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_144003_000003803113_00212_52812_7662.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_150133_000005553113_00212_52812_7697.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120404_154220_000006283113_00212_52812_7704.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_161927_000008763113_00213_52813_7706.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_164239_000007433113_00213_52813_7729.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_172236_000005863113_00213_52813_7731.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_180058_000006773113_00214_52814_7733.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_181103_000001693113_00214_52814_7751.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_182100_000001023113_00214_52814_7752.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_182613_000001263113_00214_52814_7758.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_183140_000001203113_00214_52814_7759.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_190248_000006283113_00214_52814_7762.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_192705_000001753113_00214_52814_7763.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120404_193844_000004283113_00215_52815_7765.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_APM.xls...  
Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20120404_013415_000002273113_00204_52804_9351.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_015636_000001003113_00204_52804_9352.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_034018_000000453113_00205_52805_9348.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_043618_000002663113_00206_52806_9398.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_134625_000000443113_00211_52811_9555.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_182820_000000433113_00214_52814_9595.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120404_200514_000000443113_00215_52815_9609.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_IMM.xls...  
Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20120404_024914_000000793113_00204_52804_9355.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120404_032951_000002273113_00205_52805_9347.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120404_051033_000001583113_00206_52806_9395.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120404_070504_000001593113_00207_52807_9418.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120404_201851_000000433113_00215_52815_9612.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_WSM.xls...  
Writing file ./RESULTS/DAILY/\_120404/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20120404_004844_000002883113_00203_52803_9327.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_010746_000002143113_00203_52803_9345.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_020339_000000923113_00204_52804_9363.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_022943_000001353113_00204_52804_9354.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_040842_000003303113_00205_52805_9397.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_051505_000001533113_00206_52806_9396.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_054707_000003923113_00206_52806_9416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_063056_000002693113_00207_52807_9417.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_064918_000000923113_00207_52807_9415.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_095928_000002143113_00209_52809_9434.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

ASA_WSM_1PNPDE20120404_100334_000002203113_00209_52809_9435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_101004_000001713113_00209_52809_9437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_101742_000002393113_00209_52809_9439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_104928_000003303113_00209_52809_9472.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_113133_000001903113_00210_52810_9473.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_132628_000001163113_00211_52811_9556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_140756_000003363113_00211_52811_9558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_143830_000000923113_00212_52812_9559.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_163857_000002203113_00213_52813_9569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_165507_000002693113_00213_52813_9570.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_173227_000002513113_00213_52813_9568.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_182250_000001903113_00214_52814_9593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_191331_000002143113_00214_52814_9592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_193300_000003433113_00214_52814_9596.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_195706_000002393113_00215_52815_9602.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_200635_000001653113_00215_52815_9611.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_205209_000002393113_00215_52815_9598.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_210503_000001353113_00215_52815_9614.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_213352_000005693113_00216_52816_9622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_213352_000005693113_00216_52816_9624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_215631_000000923113_00216_52816_9623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_223250_000002263113_00216_52816_9615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_230337_000000923113_00217_52817_9635.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120404_231724_000005443113_00217_52817_9651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_072923_000002693113_00207_52807_7486.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_082317_000003613113_00208_52808_7487.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_090928_000002753113_00208_52808_7525.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_093933_000000923113_00209_52809_7526.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_114036_000003613113_00210_52810_7572.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_131851_000004593113_00211_52811_7620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_145352_000004593113_00212_52812_7678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_163404_000003303113_00213_52813_7717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_181357_000004163113_00214_52814_7746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_194857_000002513113_00215_52815_7772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_195335_000002813113_00215_52815_7774.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_212937_000001533113_00216_52816_7789.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120404_231205_000001843113_00217_52817_7800.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_120404/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120404/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_120404/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_0PNPDK20120404\_140034\_000000163113\_00211\_52811\_1102.N1

H

H

../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20120404\_140034-20010209\_135042.png



../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20120404\_140034-20010209\_135042.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20120404\_140034-20010209\_135042.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20120404\_140034-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPK20120404\_154048\_000000163113\_00212\_52812\_1103.N1

V  
V  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20120404\_154048-20010209\_140823.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20120404\_154048-20010209\_140823.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20120404\_154048-20010209\_140823.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20120404\_154048-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPK20120403\_143719\_000000163113\_00197\_52797\_1100.N1  
Test product: ASA\_MS\_\_0PNPK20120404\_140034\_000000163113\_00211\_52811\_1102.N1

H  
H  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20120404\_140034-20120403\_143719.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20120404\_140034-20120403\_143719.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20120404\_140034-20120403\_143719.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20120404\_140034-20120403\_143719.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPK20120403\_161733\_000000163113\_00198\_52798\_1101.N1  
Test product: ASA\_MS\_\_0PNPK20120404\_154048\_000000163113\_00212\_52812\_1103.N1

V  
V  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20120404\_154048-20120403\_161733.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20120404\_154048-20120403\_161733.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20120404\_154048-20120403\_161733.png  
../../RESULTS/DAILY/\_120404/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20120404\_154048-20120403\_161733.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####

Creating directory ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES...

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

ALL ROWS Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Analysing products WVS IS2 V/V  
1 78369 7 78369  
Writing image ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
1 38593 7 38593  
Writing image ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
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TEMPORAL EVOLUTION Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Analysing products WVS IS2 V/V



Getting calibration pulses data for WVS IS2 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-04-04\_1.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-04-04\_2.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-04-04\_3.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-04-04\_4.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-04-04\_1.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-04-04\_2.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-04-04\_3.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_120404/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-04-04\_4.dat...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_120404//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_120404/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
 Writing file ./RESULTS/DAILY/\_120404/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-04-04.dat...

Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120404/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-04-04.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120404/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-04-04.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120404/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_120404/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59

Analysing products WVS IS2 V/V

1317  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -30.910801 Hz  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
1134  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.355762 Hz  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2646  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -7.0157112 Hz  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120404//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

```
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -15.141685 Hz
Writing file ../../RESULTS/DAILY/_120404//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120404//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120404/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...
Writing file ./RESULTS/DAILY/_120404/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-04-04.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120404/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120404/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...
Writing file ./RESULTS/DAILY/_120404/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-04-04.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120404/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120404/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120404/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_120404/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...
Writing file ./RESULTS/DAILY/_120404/RAW_DATA/Raw_data_WVS_2012-04-04.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120404/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120404/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120404/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

\*\*\*\*\*

Getting raw data for IMM from 2012-04-04 00:00:00 to 2012-04-04 23:59:59...  
Writing file ./RESULTS/DAILY/\_120404/RAW\_DATA/Raw\_data\_IMM\_2012-04-04.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120404/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120404/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120404/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-04-04 00:00:00 to 2012-04-04 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120404/TELEMETRY

Creating directory ./RESULTS/DAILY/\_120404/TELEMETRY...

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

\*\*\*\*\*

Checking 29 products from PDE...

Found product...ASA\_WVS\_1PNPDE20120404\_005329\_000004353113\_00203\_52803\_9336.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120404\_070801\_000003443113\_00207\_52807\_9430.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120404\_205609\_000001353113\_00215\_52815\_9601.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120404\_215801\_000014693113\_00216\_52816\_9630.N1 / 0 gaps / 8 missing lines

Checking 23 products from PDK...

Found product...ASA\_WVS\_1PNPDK20120404\_125237\_000007083113\_00210\_52810\_7610.N1 / 0 gaps / 8 missing lines

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

\*\*\*\*\*

Checking 37 products from PDE...

Checking 38 products from PDK...

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

\*\*\*\*\*

Checking 7 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 5 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 34 products from PDE...

Found product...ASA\_WSM\_1PNPDE20120404\_010746\_000002143113\_00203\_52803\_9345.N1 / 0 gaps / 2 missing lines

Checking 13 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_120404/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_120404/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_120404/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_1PNPDE20120404_013415_000002273113_00204_52804_9351.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_015636_000001003113_00204_52804_9352.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_034018_000000453113_00205_52805_9348.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_043618_000002663113_00206_52806_9398.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_134625_000000443113_00211_52811_9555.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_182820_000000433113_00214_52814_9595.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120404_200514_000000443113_00215_52815_9609.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_1PNPDE20120404_002243_000001023113_00203_52803_9331.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_002621_000003083113_00203_52803_9334.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_004012_000005073113_00203_52803_9337.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_010625_000000723113_00203_52803_9350.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_012831_000003443113_00204_52804_9357.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_013822_000008343113_00204_52804_9376.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_015835_000003023113_00204_52804_9373.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_022029_000005493113_00204_52804_9372.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_023200_000000843113_00204_52804_9371.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_024101_000000843113_00204_52804_9370.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_024235_000003983113_00204_52804_9369.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_025040_000002713113_00204_52804_9368.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_030135_000001503113_00205_52805_9367.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_030513_000000903113_00205_52805_9364.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_030735_000013353113_00205_52805_9362.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_033346_000002773113_00205_52805_9361.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_040045_000004713113_00205_52805_9401.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_041614_000001083113_00205_52805_9402.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_044105_000017703113_00206_52806_9403.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_051322_000000963113_00206_52806_9407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_054100_000003623113_00206_52806_9420.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_062756_000001753113_00207_52807_9422.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_063531_000008223113_00207_52807_9428.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_065053_000007733113_00207_52807_9431.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_200114_000002413113_00215_52815_9599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_204302_000005433113_00215_52815_9603.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_210721_000010513113_00215_52815_9617.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_213232_000000723113_00216_52816_9618.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_214324_000002713113_00216_52816_9621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_222317_000005673113_00216_52816_9625.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_225447_000004593113_00217_52817_9640.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_231515_000001203113_00217_52817_9641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_232633_000001023113_00217_52817_9642.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_234542_000001443113_00217_52817_9644.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_235012_000002473113_00217_52817_9645.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120404_235424_000000903113_00217_52817_9646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_072114_000004833113_00207_52807_7475.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_080855_000007433113_00208_52808_7477.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_082031_000001633113_00208_52808_7505.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_083645_000007433113_00208_52808_7506.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_090127_000004773113_00208_52808_7514.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_095015_000005493113_00209_52809_7517.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_104140_000004653113_00209_52809_7558.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_110134_000000963113_00209_52809_7555.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_112725_000002473113_00210_52810_7559.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_113457_000003383113_00210_52810_7561.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_120514_000000783113_00210_52810_7604.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_122152_000007793113_00210_52810_7606.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_124301_000005733113_00210_52810_7608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_130504_000003863113_00211_52811_7609.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_131439_000002473113_00211_52811_7611.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_134145_000002773113_00211_52811_7652.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_134729_000003263113_00211_52811_7653.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_135302_000003623113_00211_52811_7655.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_140208_000003443113_00211_52811_7656.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_141337_000000843113_00211_52811_7658.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_142400_000002653113_00211_52811_7660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_143030_000002653113_00211_52811_7661.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_144003_000003803113_00212_52812_7662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_145006_000002233113_00212_52812_7663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_150133_000005553113_00212_52812_7697.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_151153_000001503113_00212_52812_7702.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_154220_000006283113_00212_52812_7704.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_161927_000008763113_00213_52813_7706.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120404_164239_000007433113_00213_52813_7729.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_172236_000005863113_00213_52813_7731.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_180058_000006773113_00214_52814_7733.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_181103_000001693113_00214_52814_7751.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_182100_000001023113_00214_52814_7752.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_182613_000001263113_00214_52814_7758.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_183140_000001203113_00214_52814_7759.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_190248_000006283113_00214_52814_7762.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_192705_000001753113_00214_52814_7763.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120404_193844_000004283113_00215_52815_7765.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_1PNPDE20120404_024914_000000793113_00204_52804_9355.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120404_032951_000002273113_00205_52805_9347.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120404_051033_000001583113_00206_52806_9395.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120404_070504_000001593113_00207_52807_9418.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120404_201851_000000433113_00215_52815_9612.N1	OK	OK	OK	OK

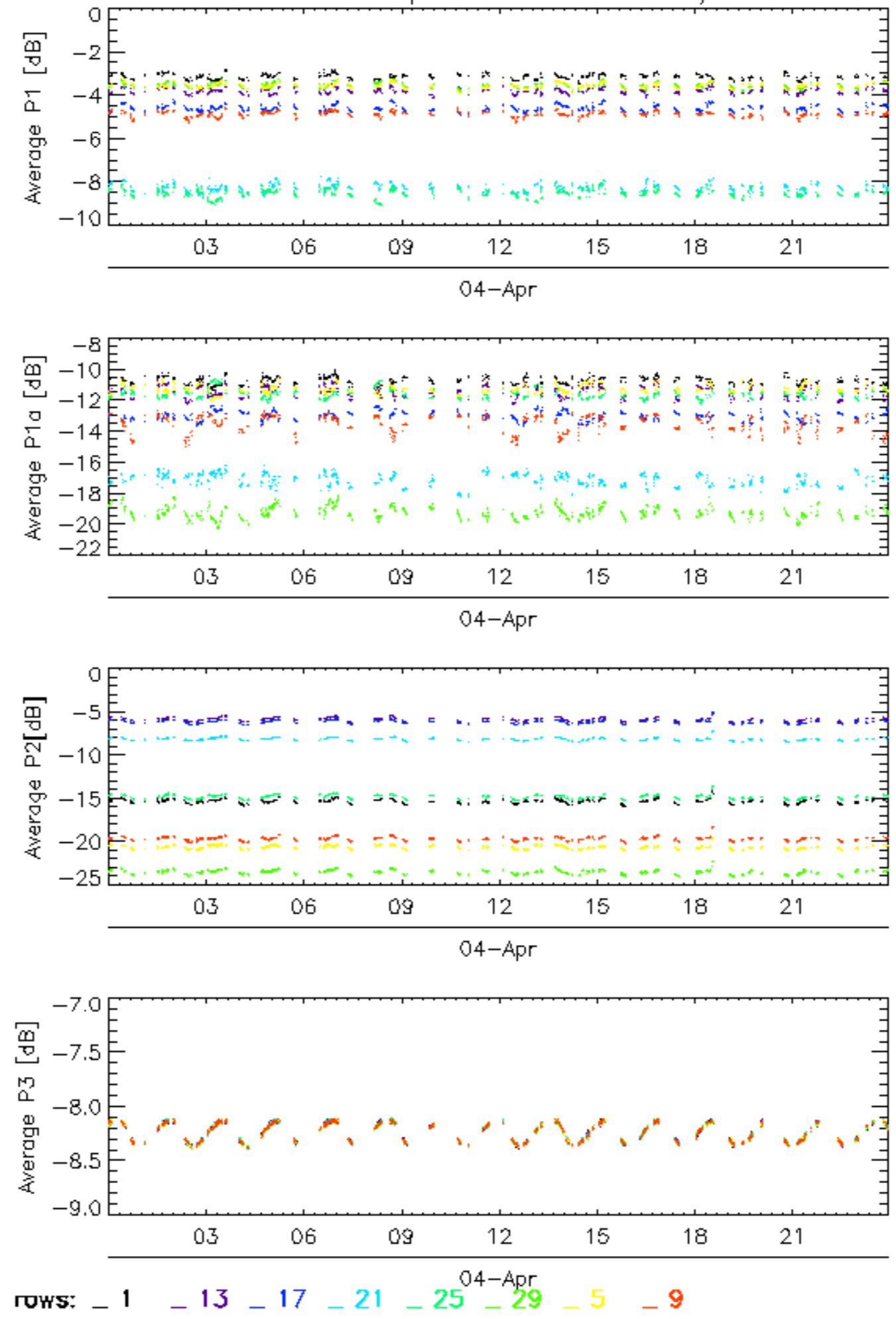
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120404_004844_000002883113_00203_52803_9327.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_010746_000002143113_00203_52803_9345.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_020339_000000923113_00204_52804_9363.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_022943_000001353113_00204_52804_9354.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_040842_000003303113_00205_52805_9397.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_051505_000001533113_00206_52806_9396.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_054707_000003923113_00206_52806_9416.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_063056_000002693113_00207_52807_9417.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_064918_000000923113_00207_52807_9415.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_095928_000002143113_00209_52809_9434.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_100334_000002203113_00209_52809_9435.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_101004_000001713113_00209_52809_9437.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_101742_000002393113_00209_52809_9439.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_104928_000003303113_00209_52809_9472.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_113133_000001903113_00210_52810_9473.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_132628_000001163113_00211_52811_9556.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_140756_000003363113_00211_52811_9558.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_143830_000000923113_00212_52812_9559.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_163857_000002203113_00213_52813_9569.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_165507_000002693113_00213_52813_9570.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_173227_000002513113_00213_52813_9568.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_182250_000001903113_00214_52814_9593.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_191331_000002143113_00214_52814_9592.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_193300_000003433113_00214_52814_9596.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_195706_000002393113_00215_52815_9602.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_200635_000001653113_00215_52815_9611.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_205209_000002393113_00215_52815_9598.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_210503_000001353113_00215_52815_9614.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_213352_000005693113_00216_52816_9622.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_213352_000005693113_00216_52816_9624.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_215631_000000923113_00216_52816_9623.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_223250_000002263113_00216_52816_9615.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_230337_000000923113_00217_52817_9635.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120404_231724_000005443113_00217_52817_9651.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_072923_000002693113_00207_52807_7486.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_082317_000003613113_00208_52808_7487.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_090928_000002753113_00208_52808_7525.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_093933_000000923113_00209_52809_7526.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_114036_000003613113_00210_52810_7572.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_131851_000004593113_00211_52811_7620.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_145352_000004593113_00212_52812_7678.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_163404_000003303113_00213_52813_7717.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_181357_000004163113_00214_52814_7746.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_194857_000002513113_00215_52815_7772.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_195335_000002813113_00215_52815_7774.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_212937_000001533113_00216_52816_7789.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120404_231205_000001843113_00217_52817_7800.N1					OK	OK	OK	OK

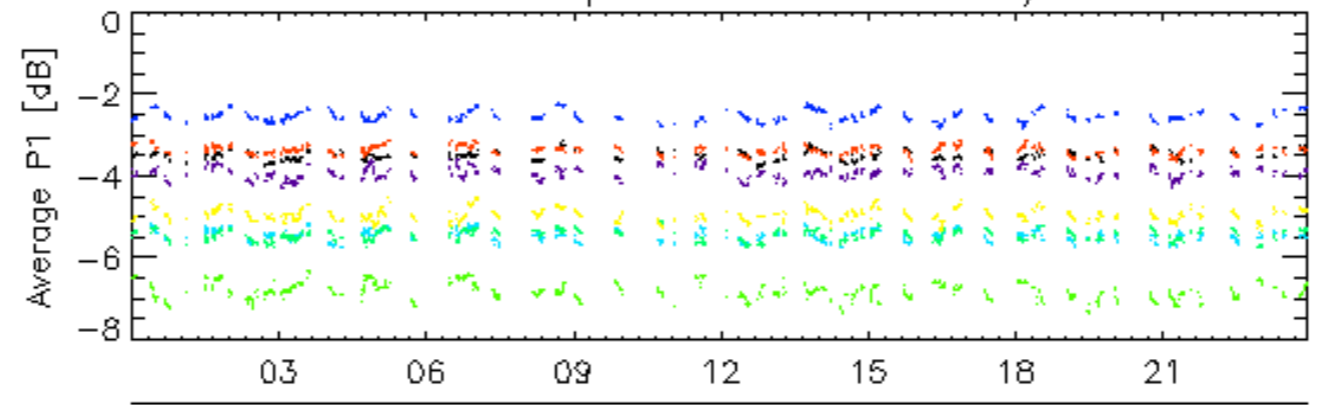
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20120404_000726_000008693113_00203_52803_9332.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_002433_00000593113_00203_52803_9333.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_003132_000004803113_00203_52803_9335.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_005329_000004353113_00203_52803_9336.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_010000_000003453113_00203_52803_9349.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_011116_000006593113_00203_52803_9375.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_015216_000001643113_00204_52804_9374.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_020509_000008703113_00204_52804_9366.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_023330_000004053113_00204_52804_9365.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_025513_000003443113_00205_52805_9360.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_033828_000000743113_00205_52805_9359.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_034109_000005693113_00205_52805_9358.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_035024_000002703113_00205_52805_9400.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_041413_000000753113_00205_52805_9399.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_041811_000010493113_00205_52805_9404.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_051735_000009893113_00206_52806_9406.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_053350_000003903113_00206_52806_9419.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_055349_000018443113_00206_52806_9432.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_070801_000003443113_00207_52807_9430.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_200919_000005393113_00215_52815_9597.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_201941_000013493113_00215_52815_9600.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_205609_000001353113_00215_52815_9601.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_205739_000003903113_00215_52815_9616.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_212451_000000453113_00216_52816_9619.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_214758_000004653113_00216_52816_9620.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_215801_000014693113_00216_52816_9630.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_232823_000010043113_00217_52817_9643.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_234810_000000743113_00217_52817_9647.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120404_235601_000003153113_00217_52817_9648.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120404_071331_000004203113_00207_52807_7474.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120404_073403_000020543113_00207_52807_7476.N1					OK	OK	OK	OK
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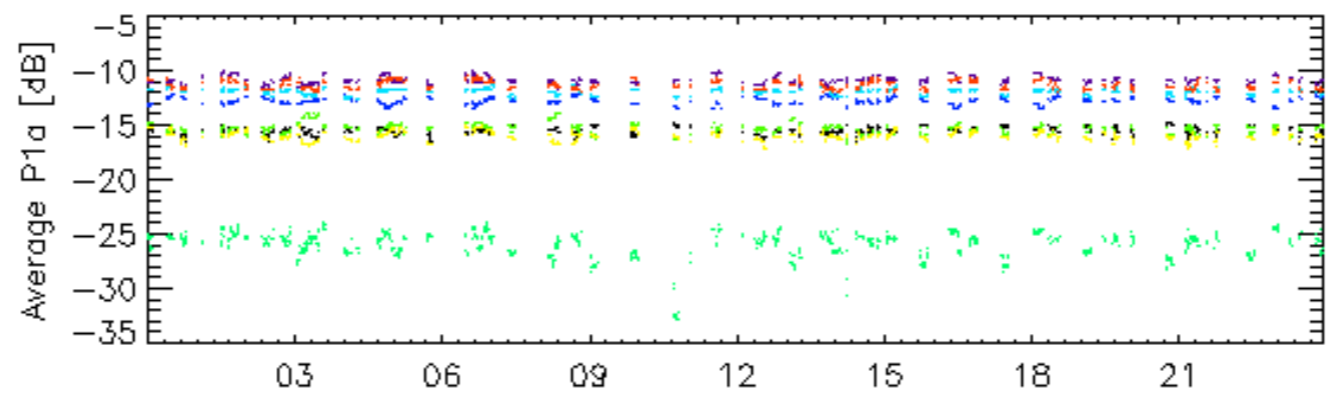
Calibration pulses for GM1 SS3 H/H



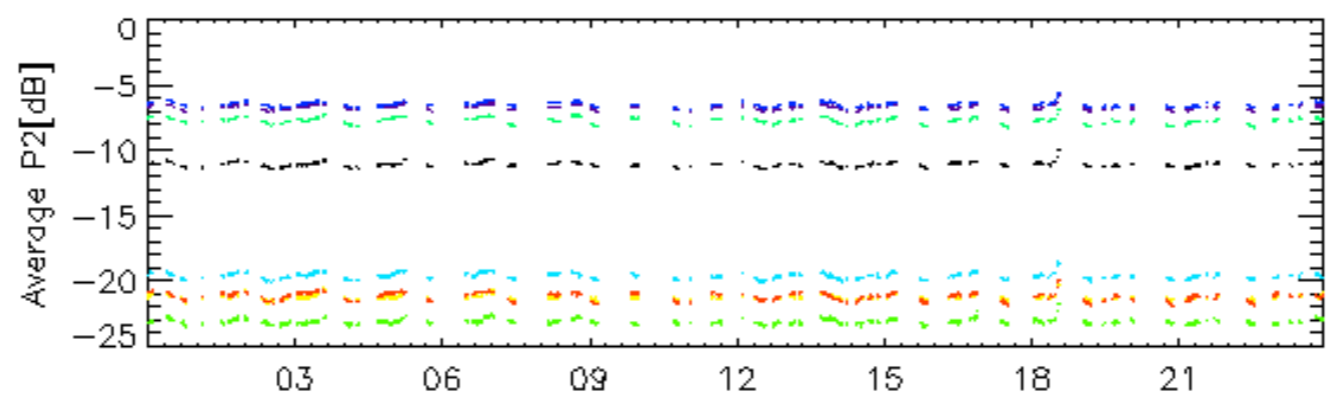
Calibration pulses for GM1 SS3 H/H



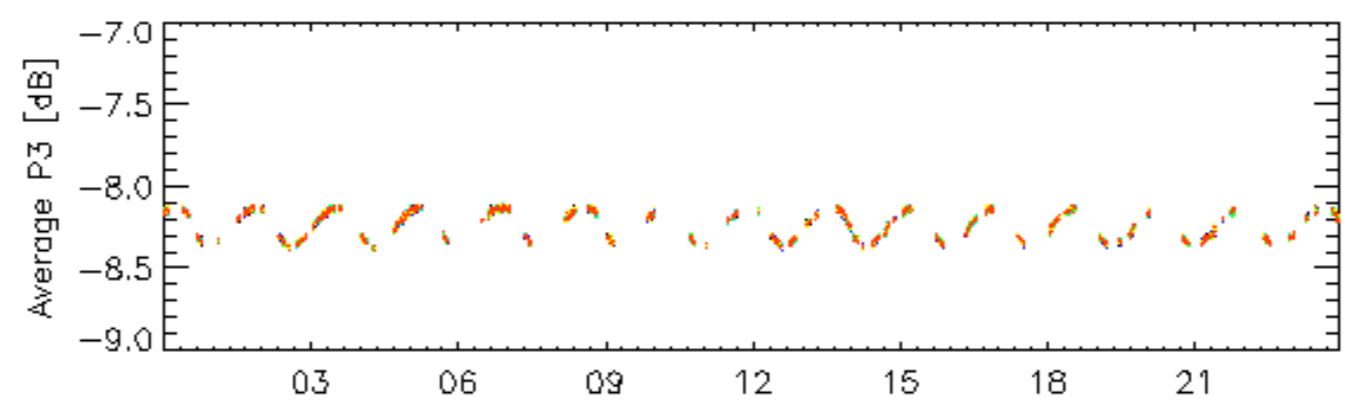
04-Apr



04-Apr



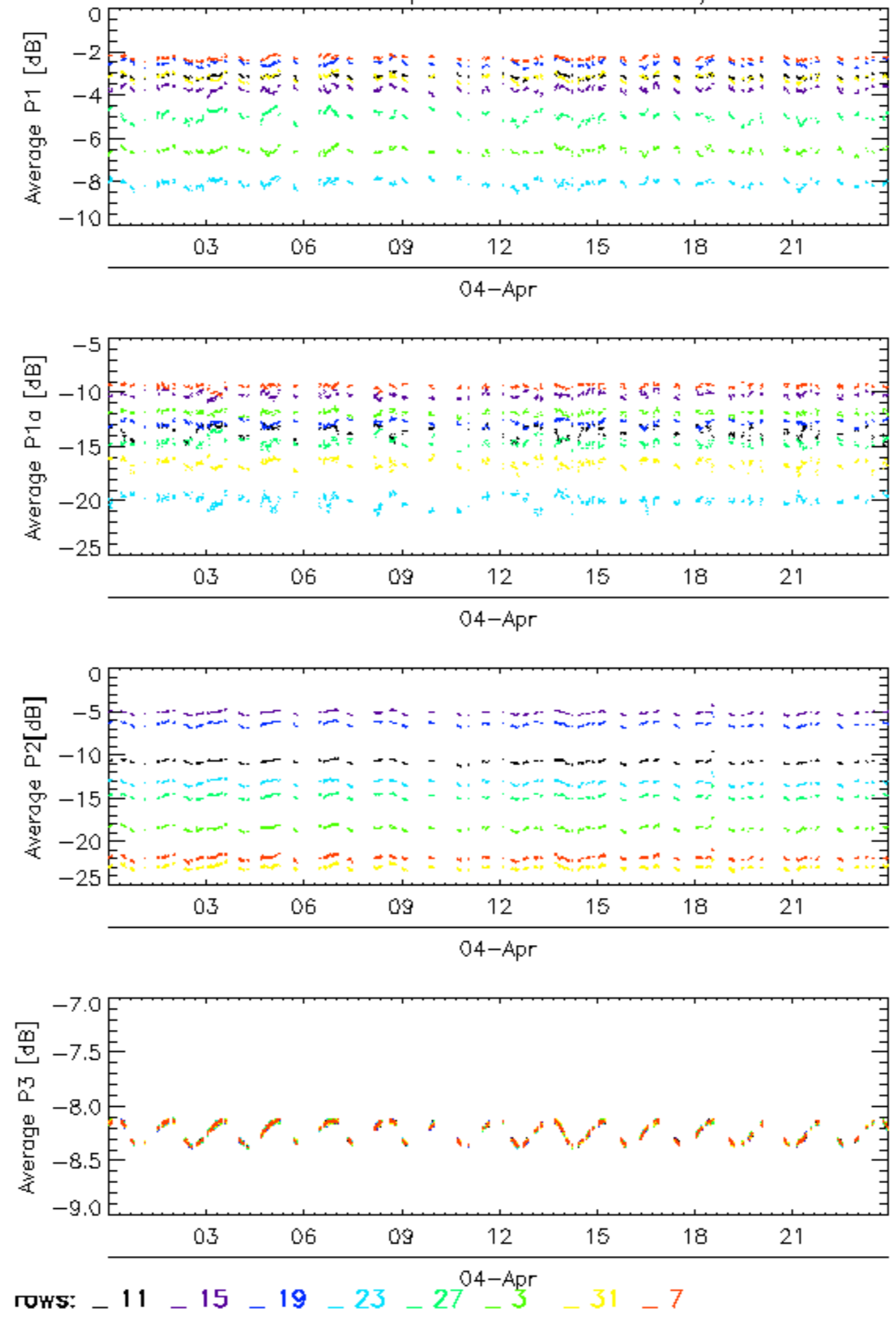
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04-Apr

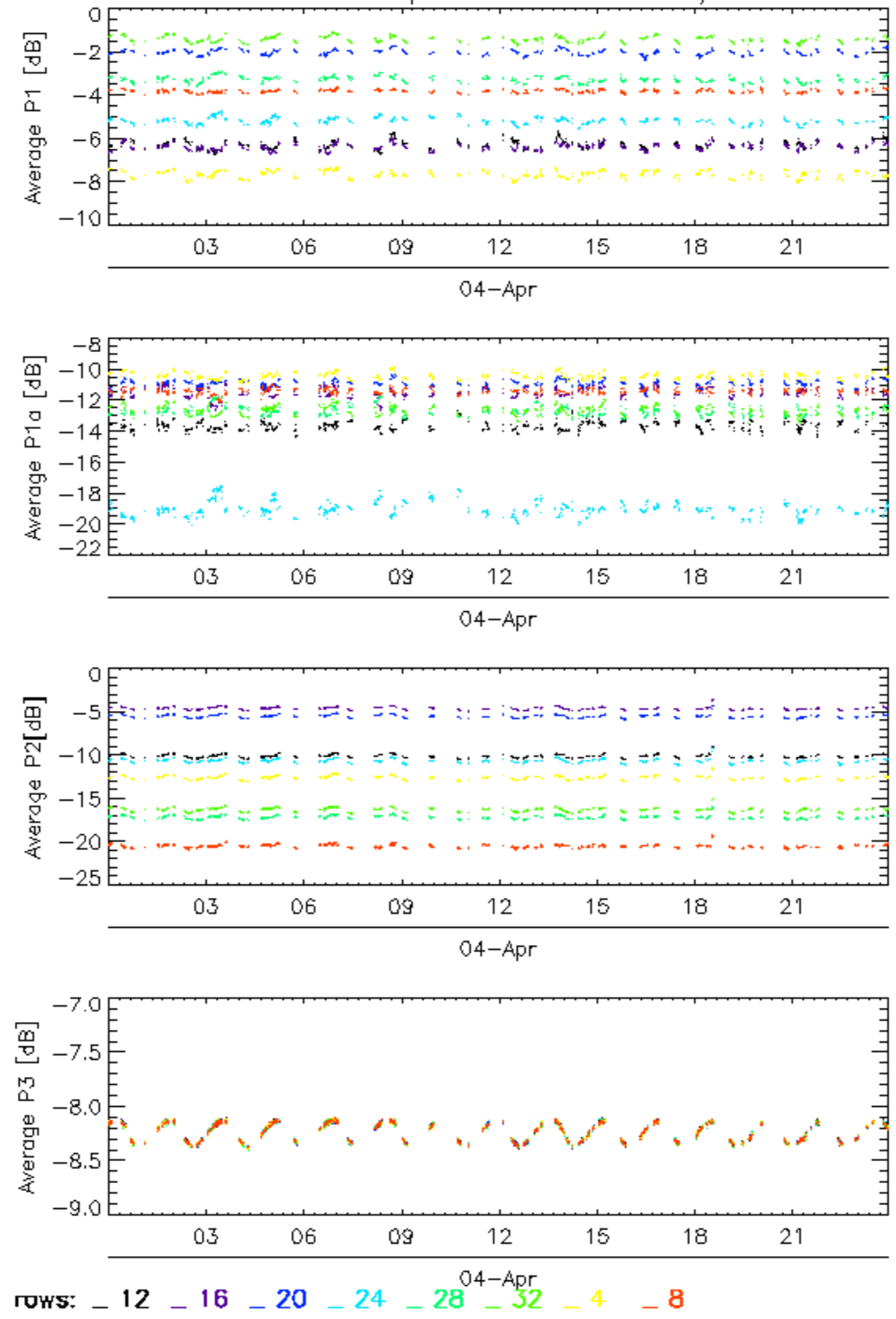
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Calibration pulses for GM1 SS3 H/H



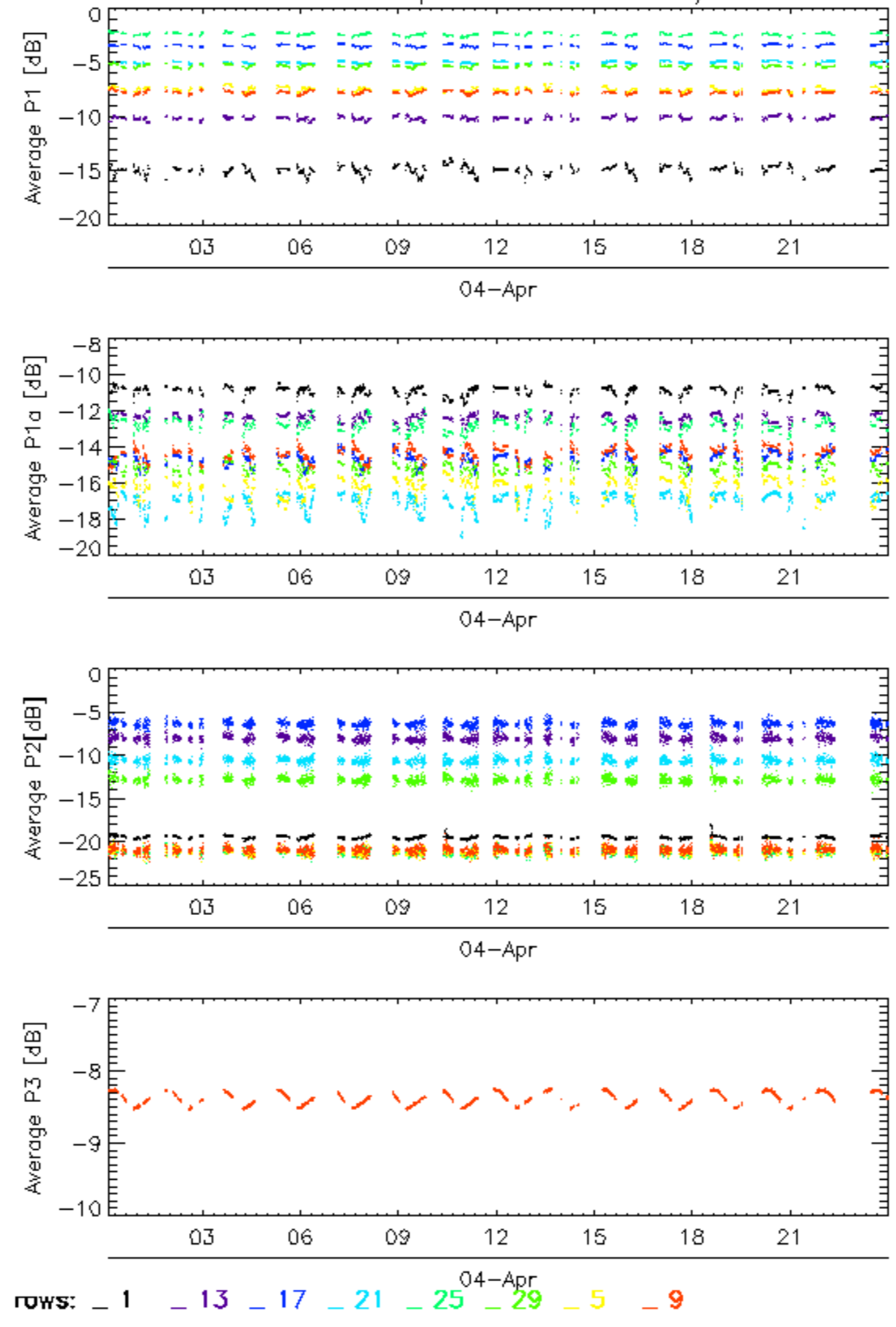


Calibration pulses for GM1 SS3 H/H

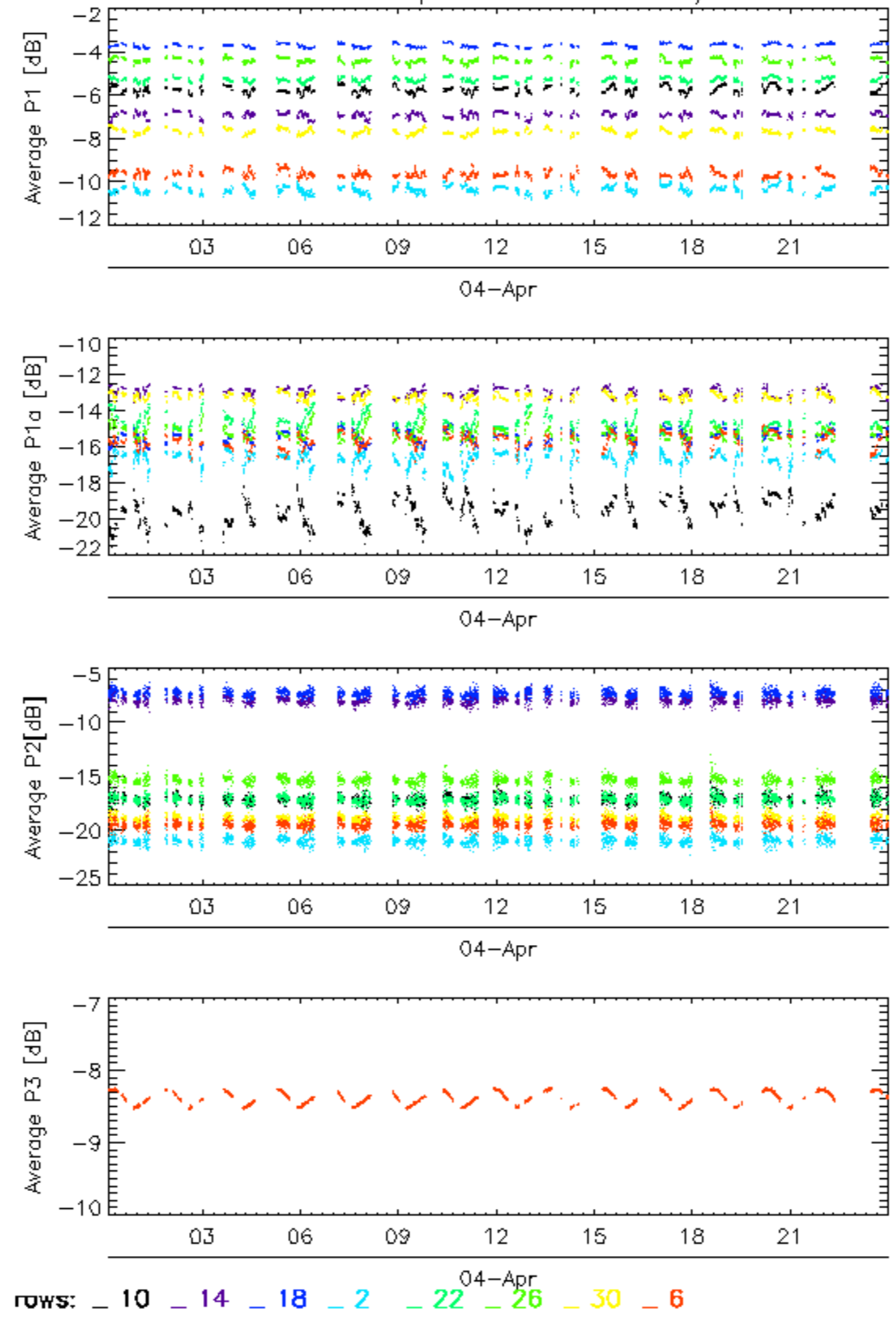


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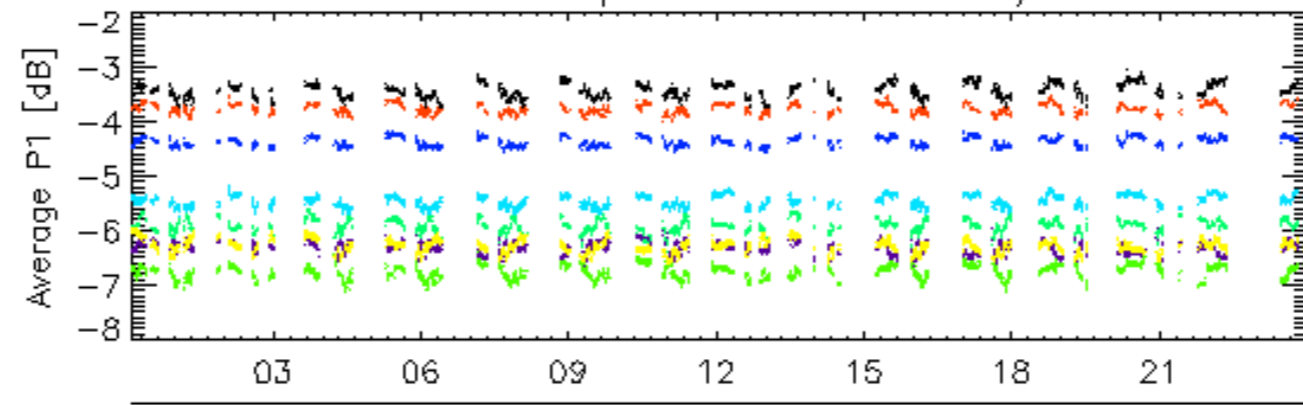
Calibration pulses for WVS IS2 V/V



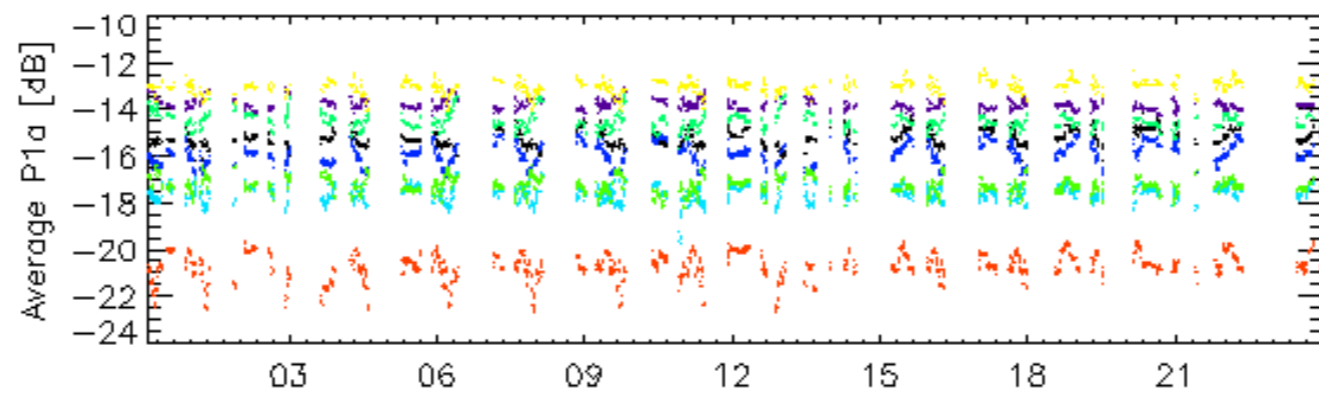
### Calibration pulses for WVS IS2 V/V



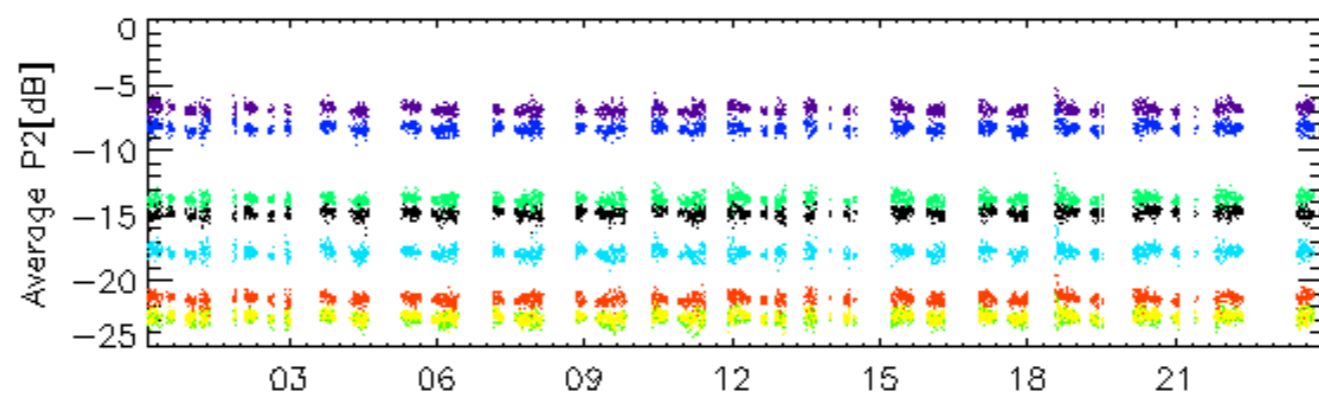
Calibration pulses for WVS IS2 V/V



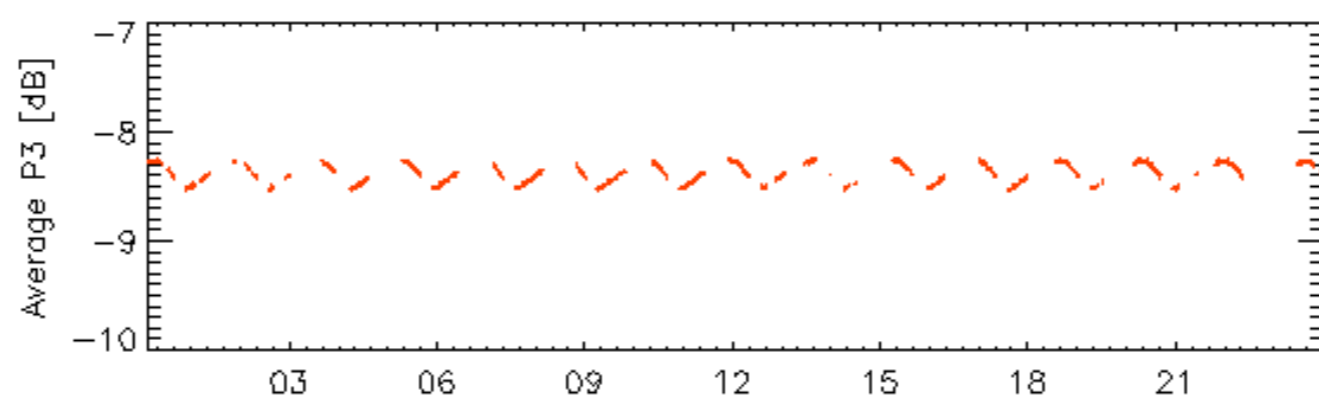
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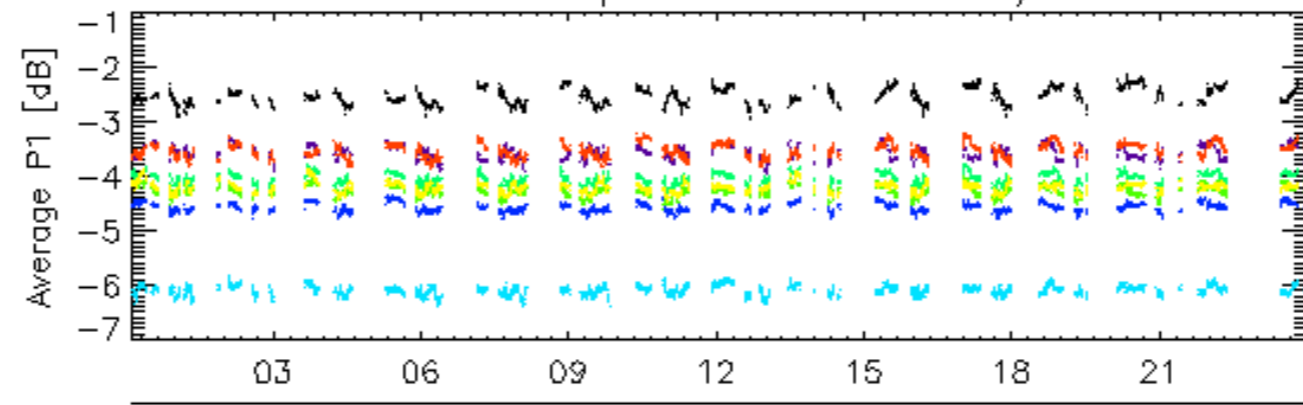
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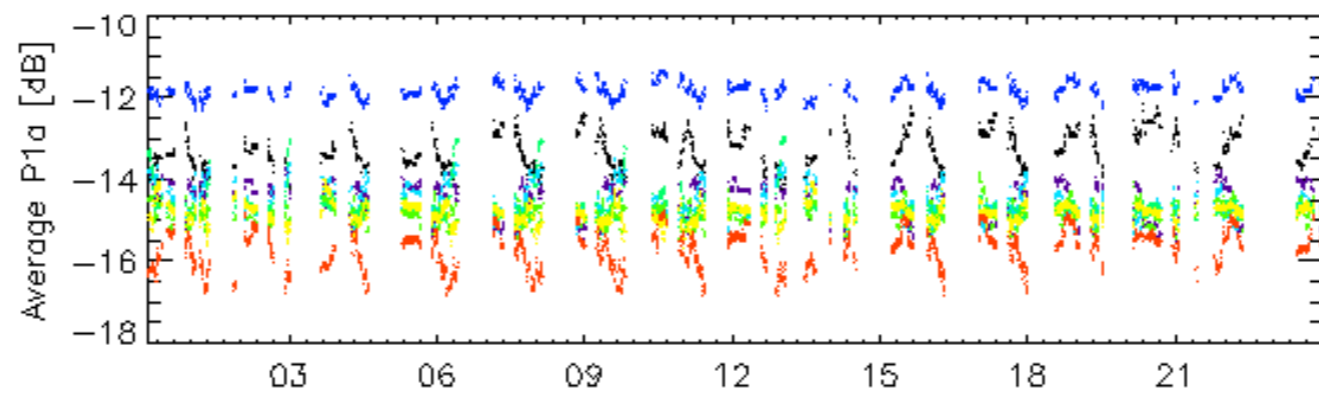
04-Apr

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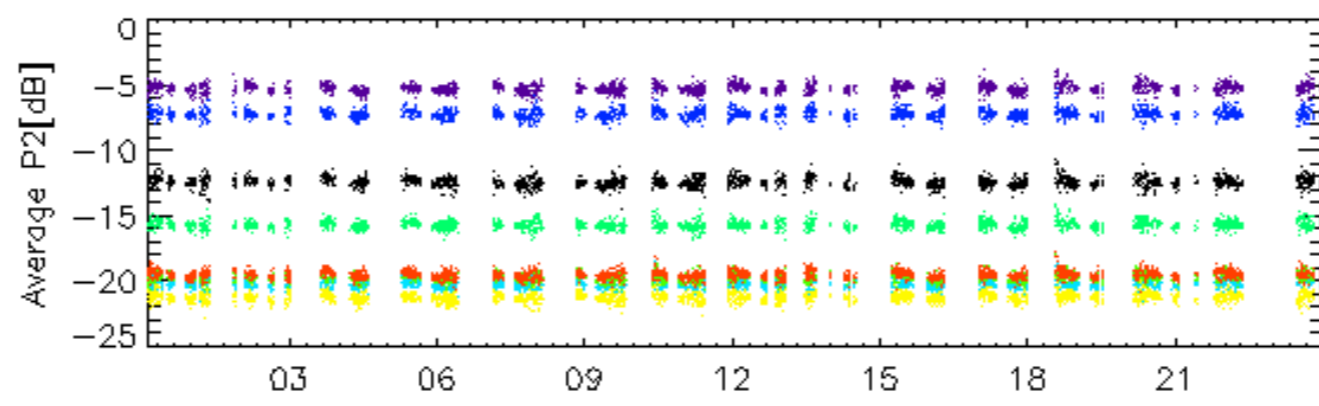
Calibration pulses for WVS IS2 V/V



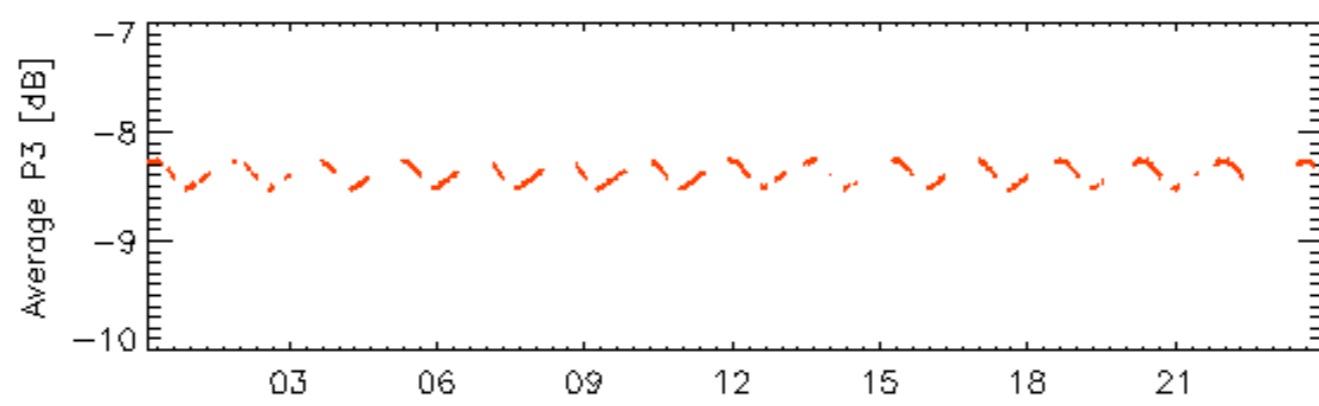
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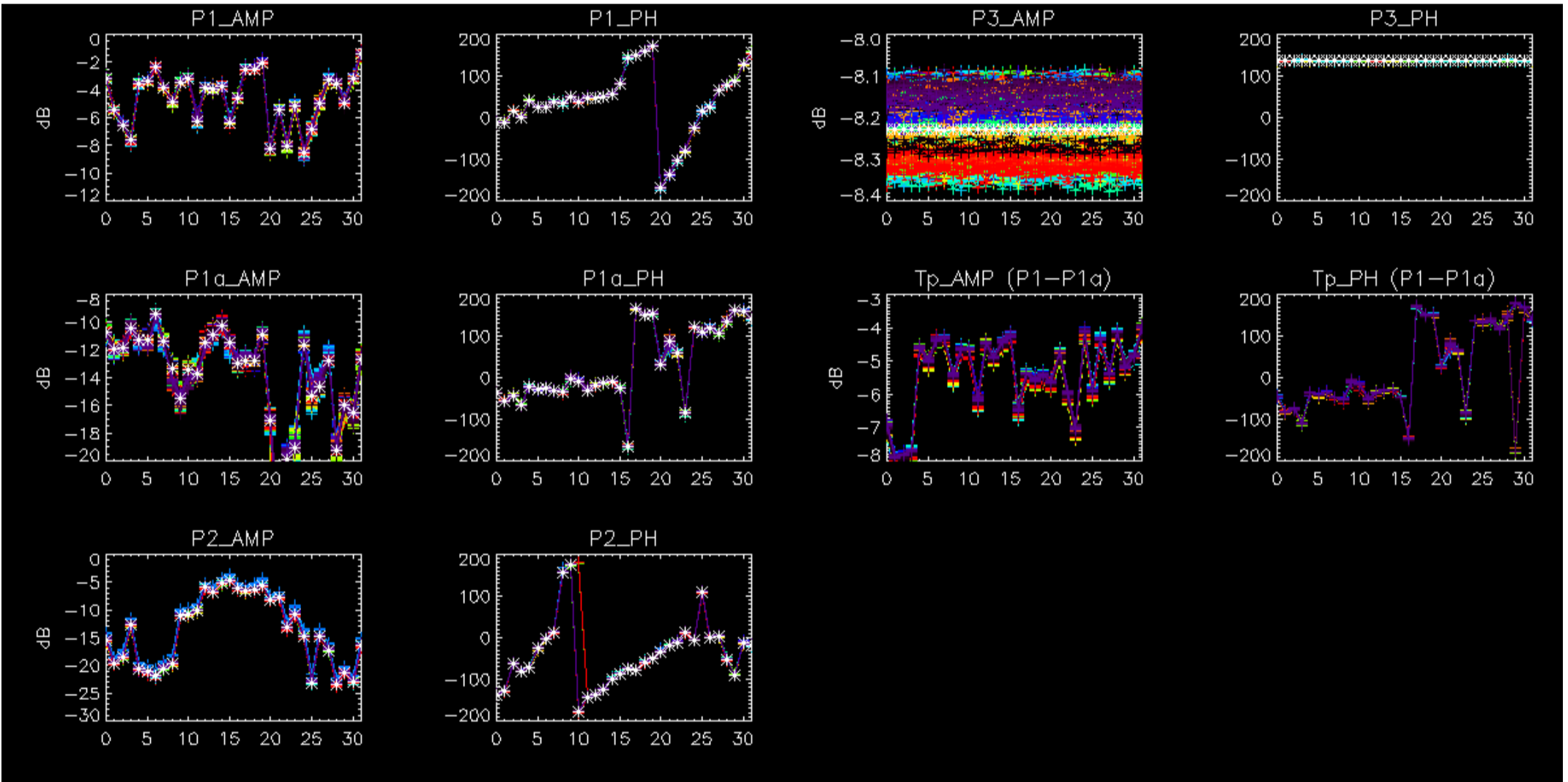


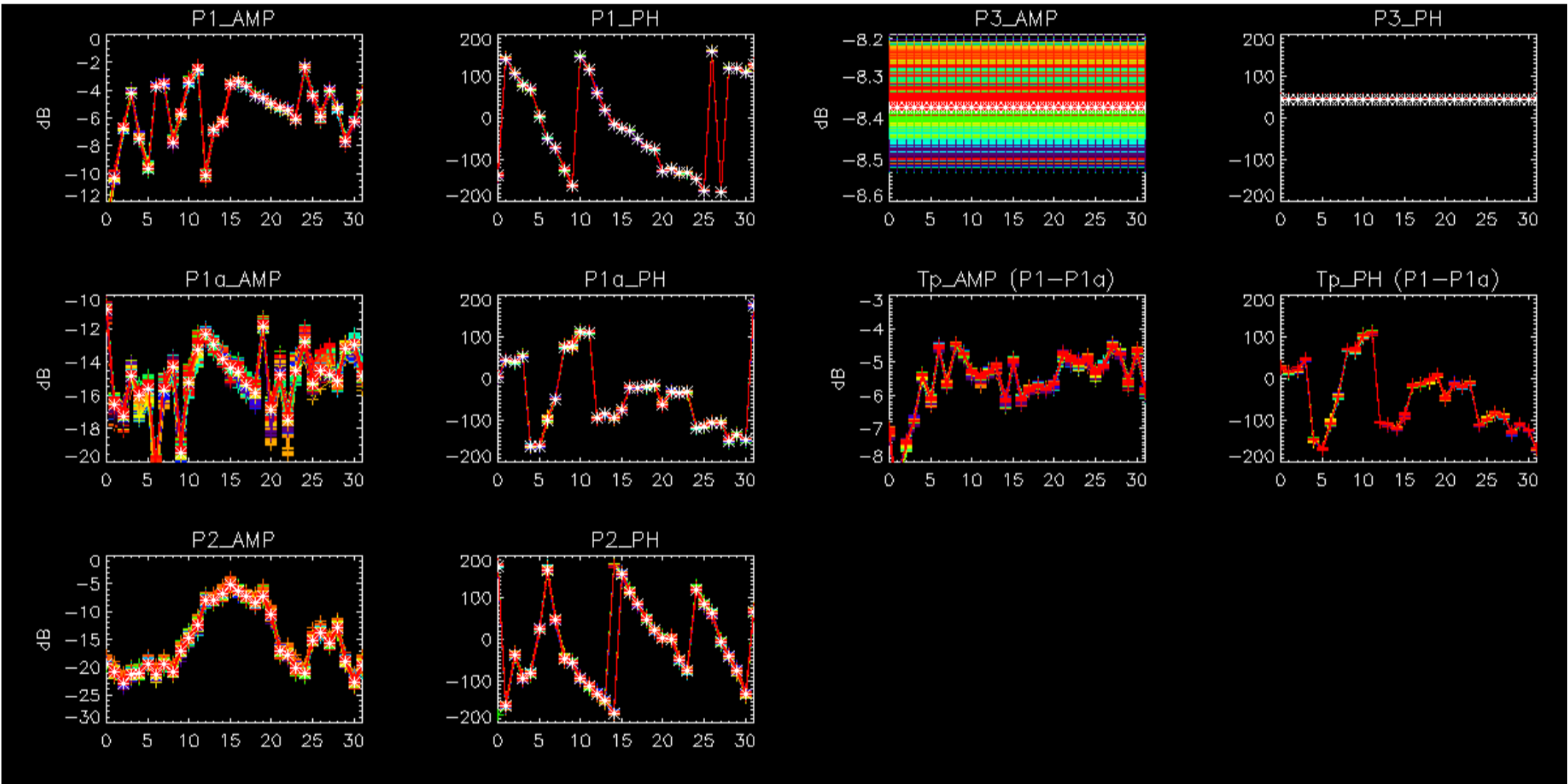
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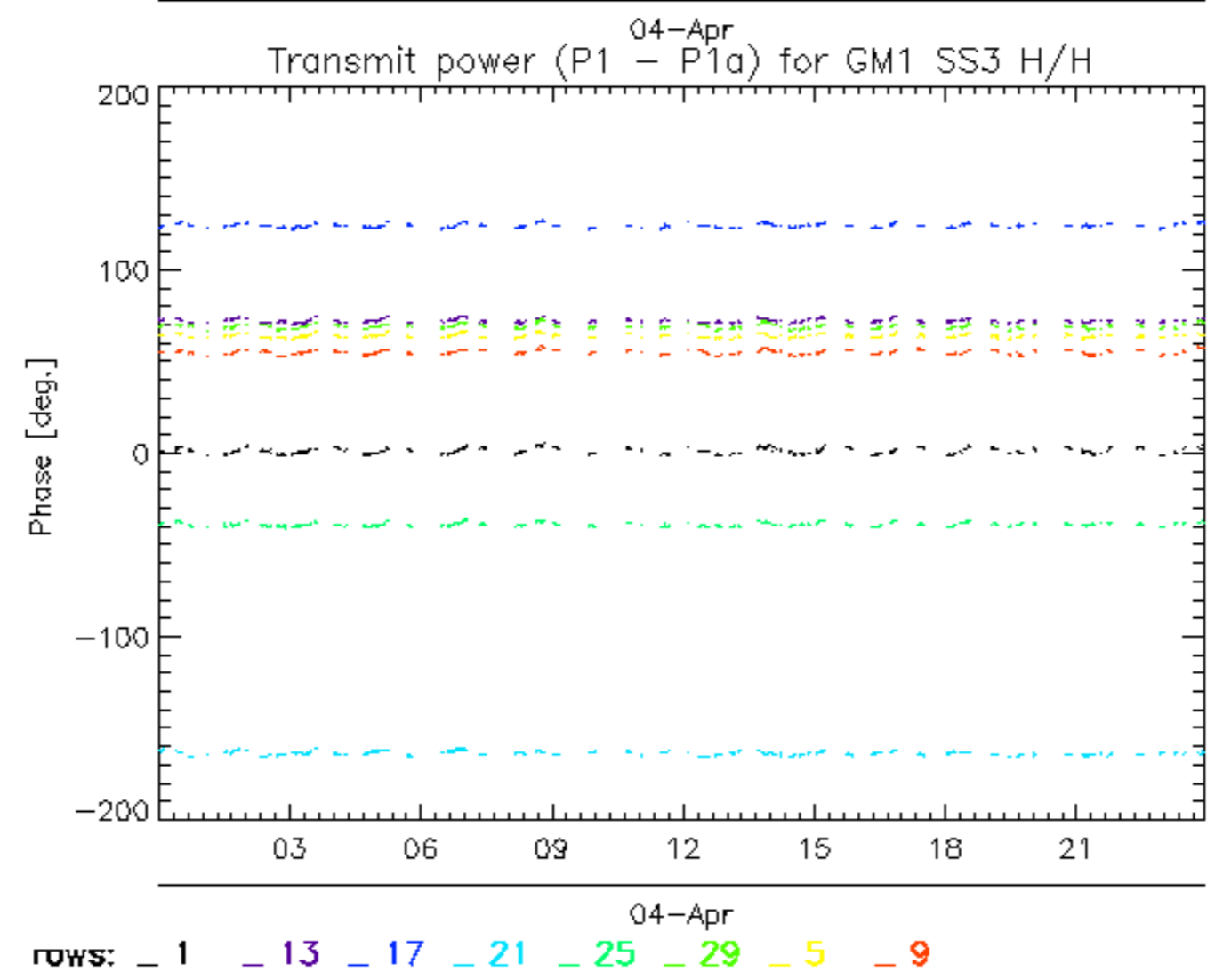
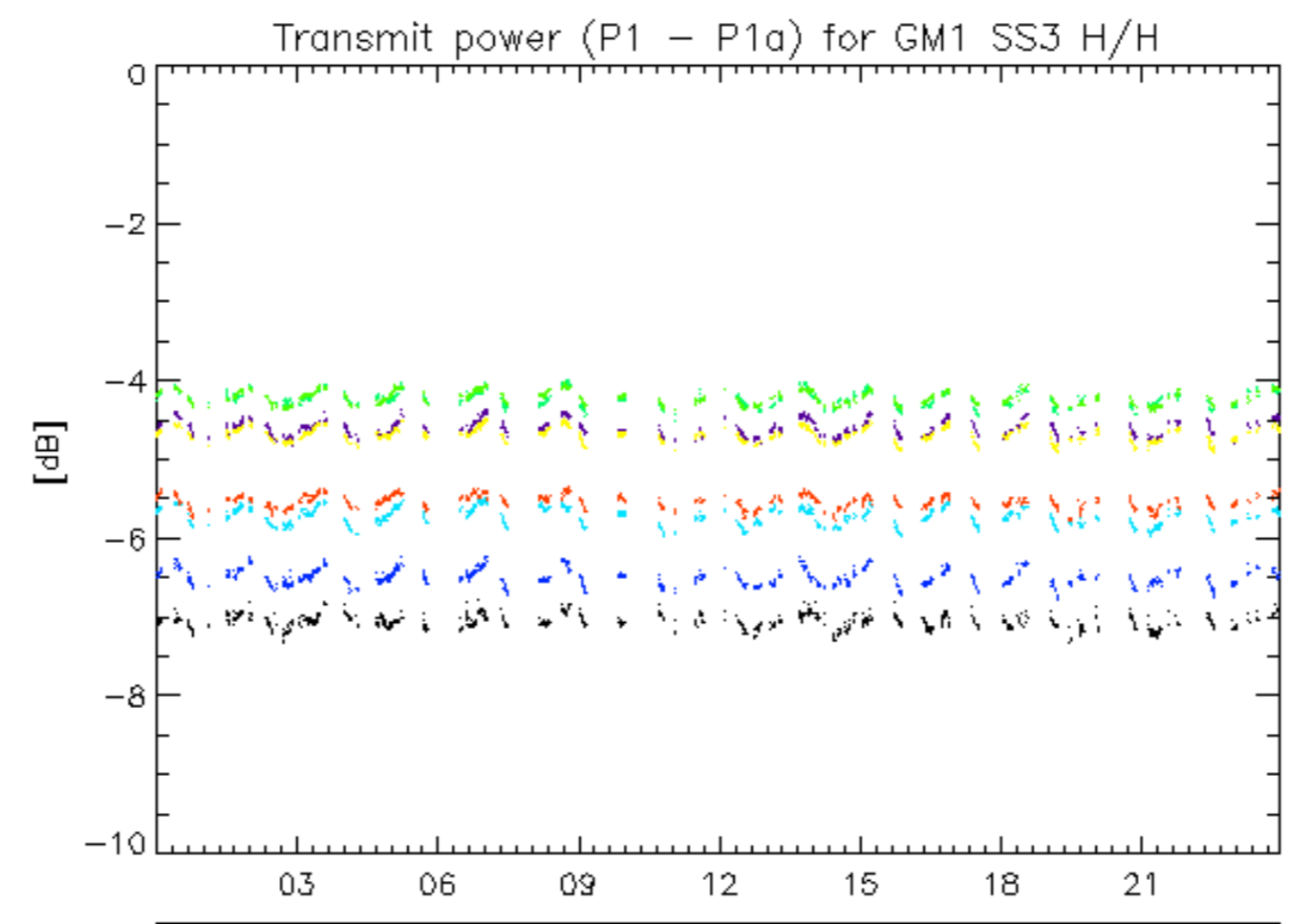


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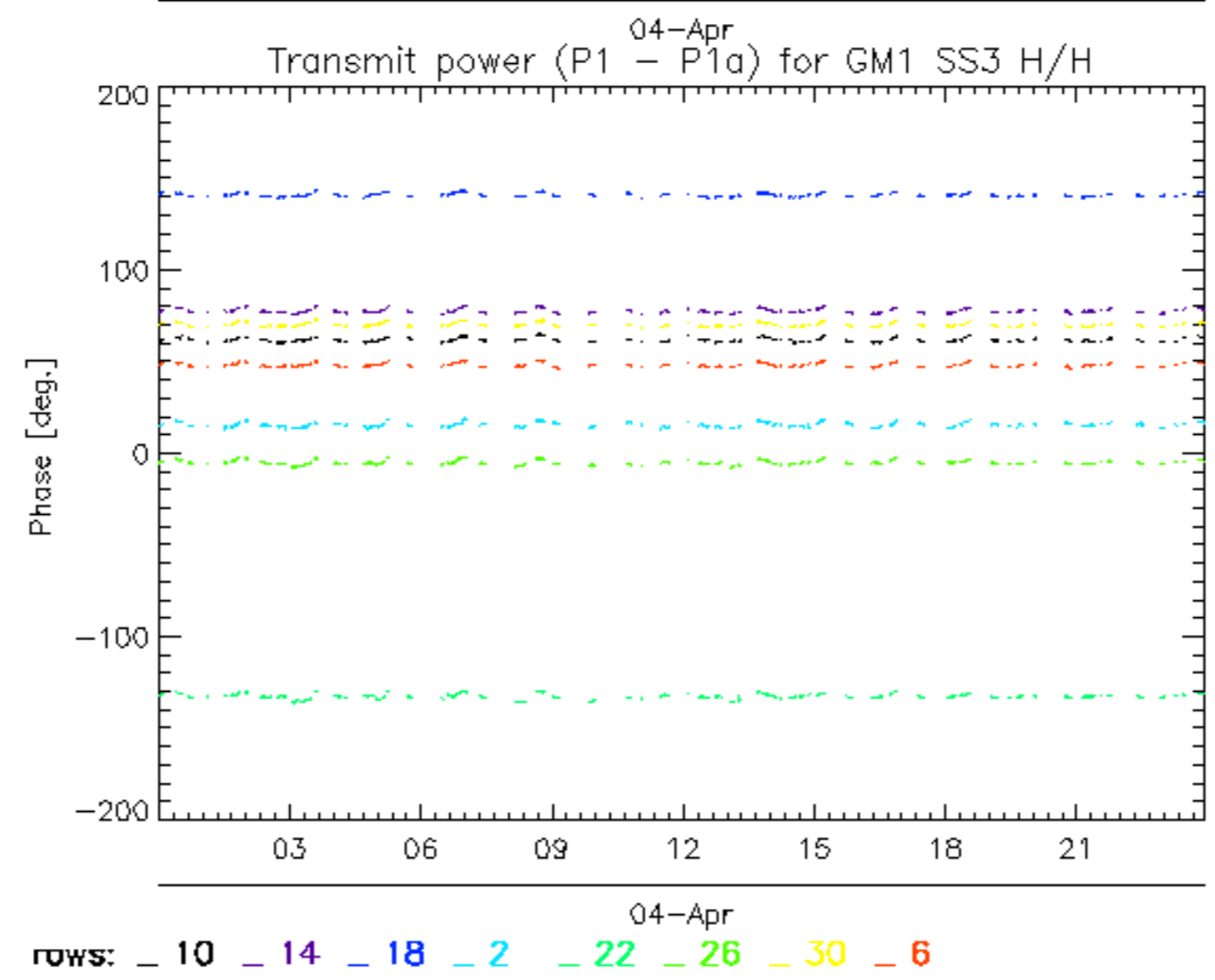
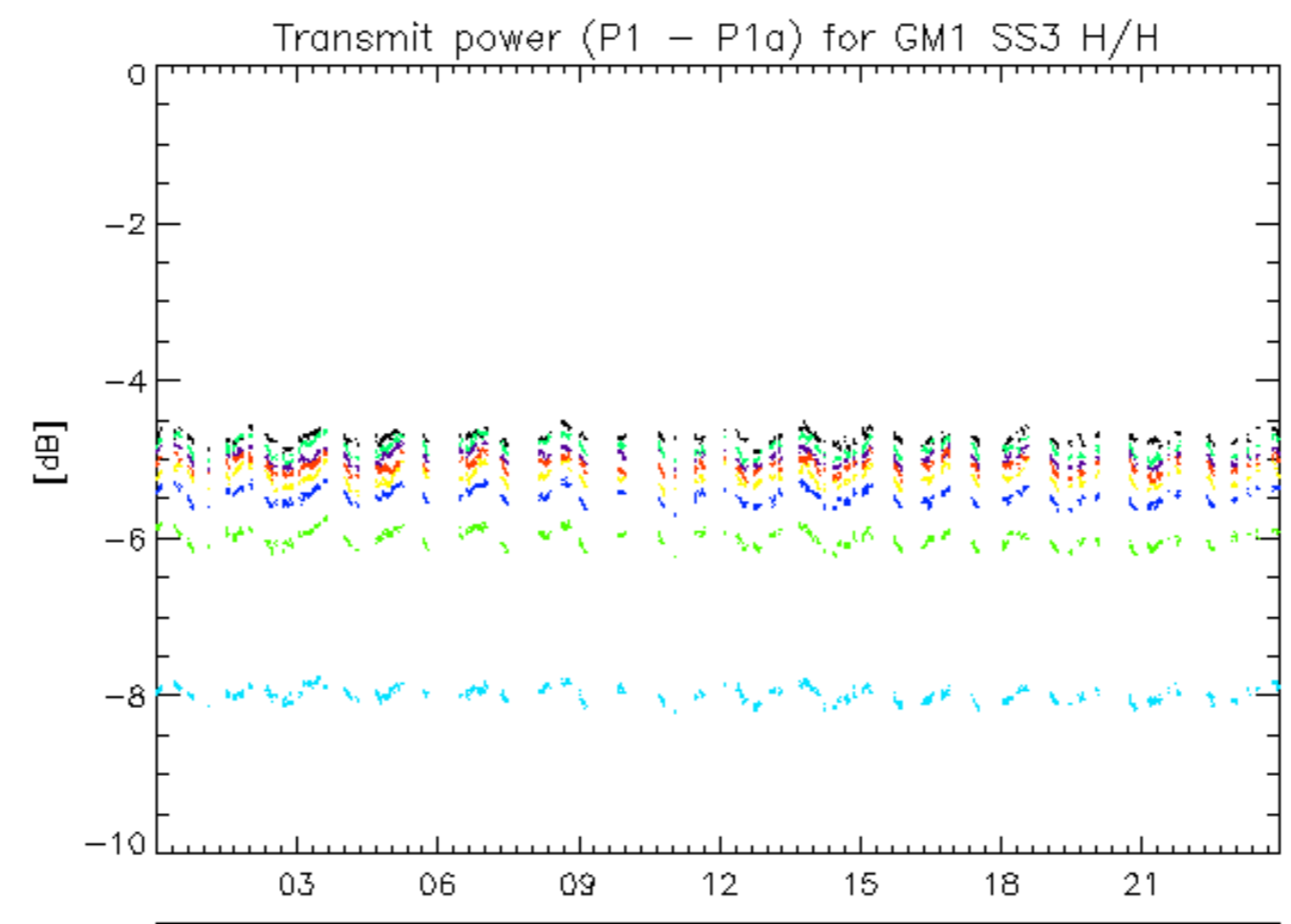
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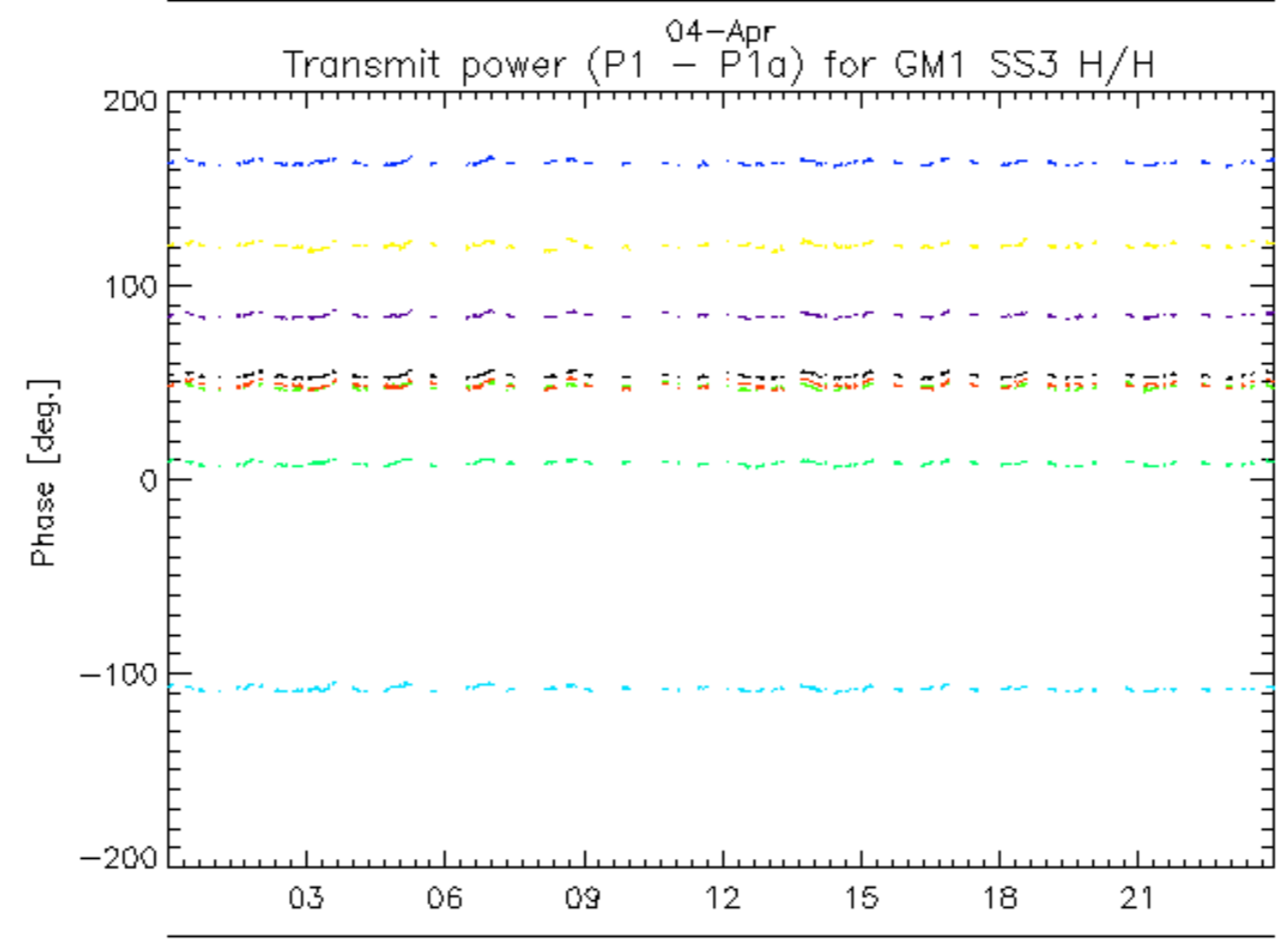
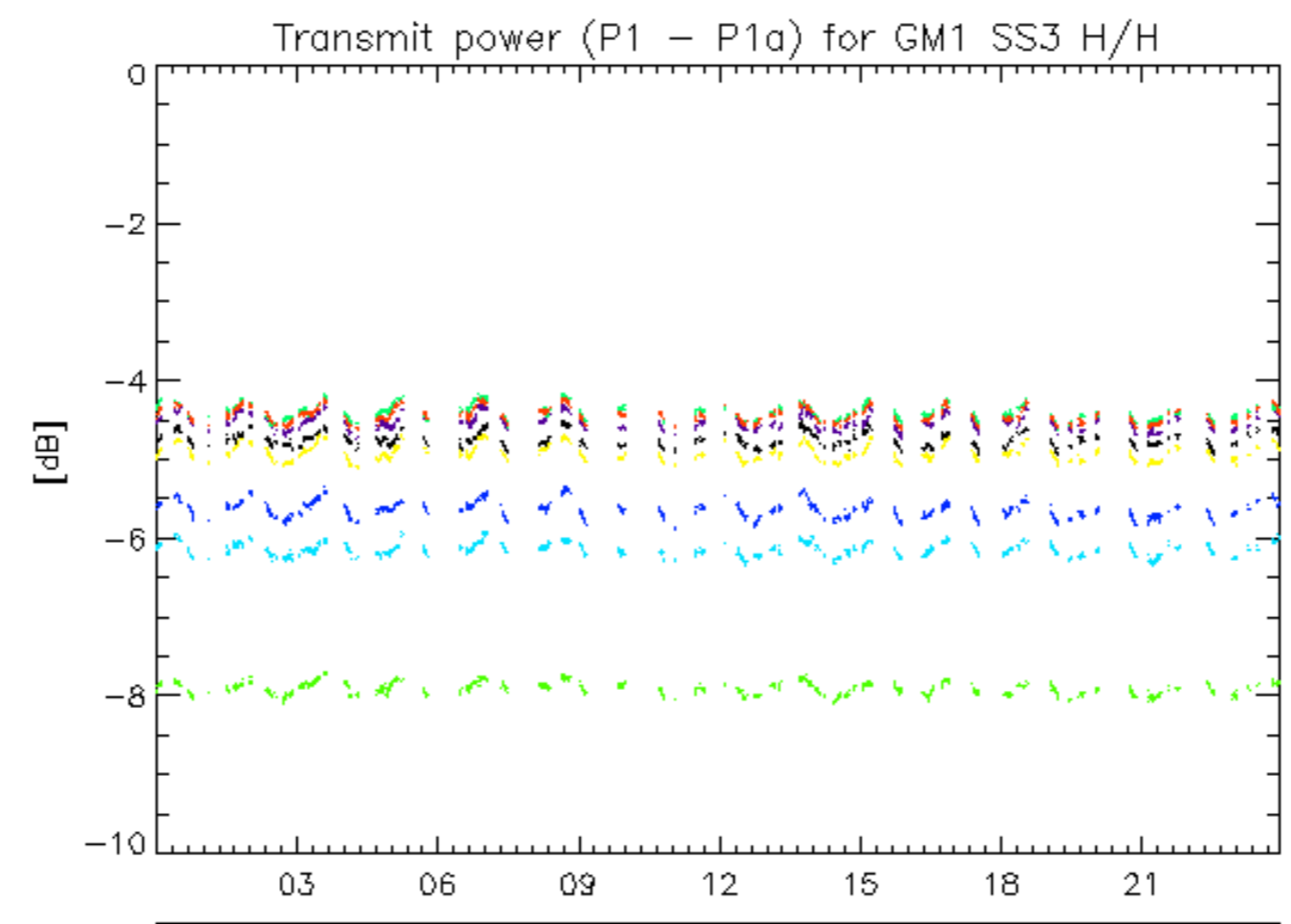




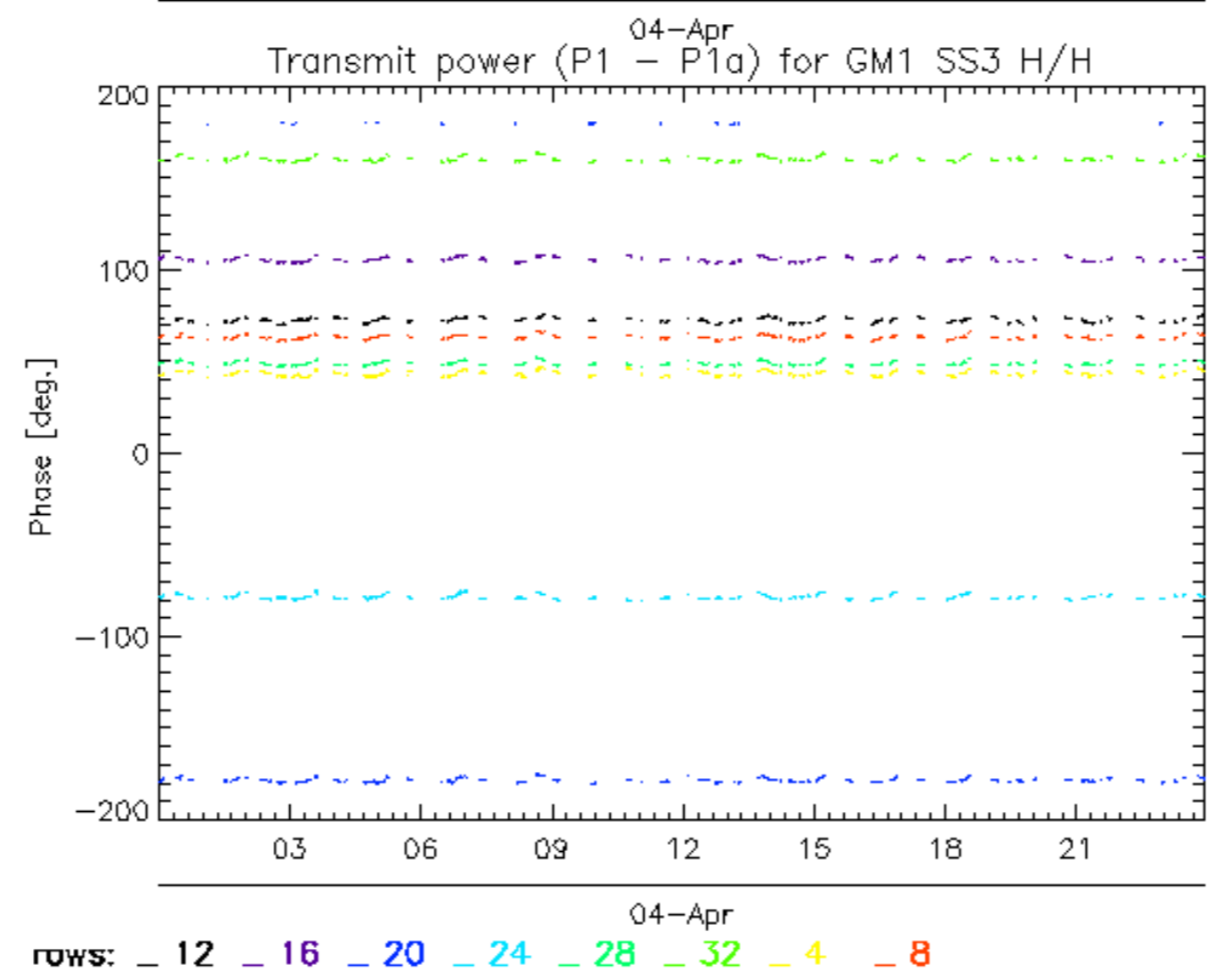
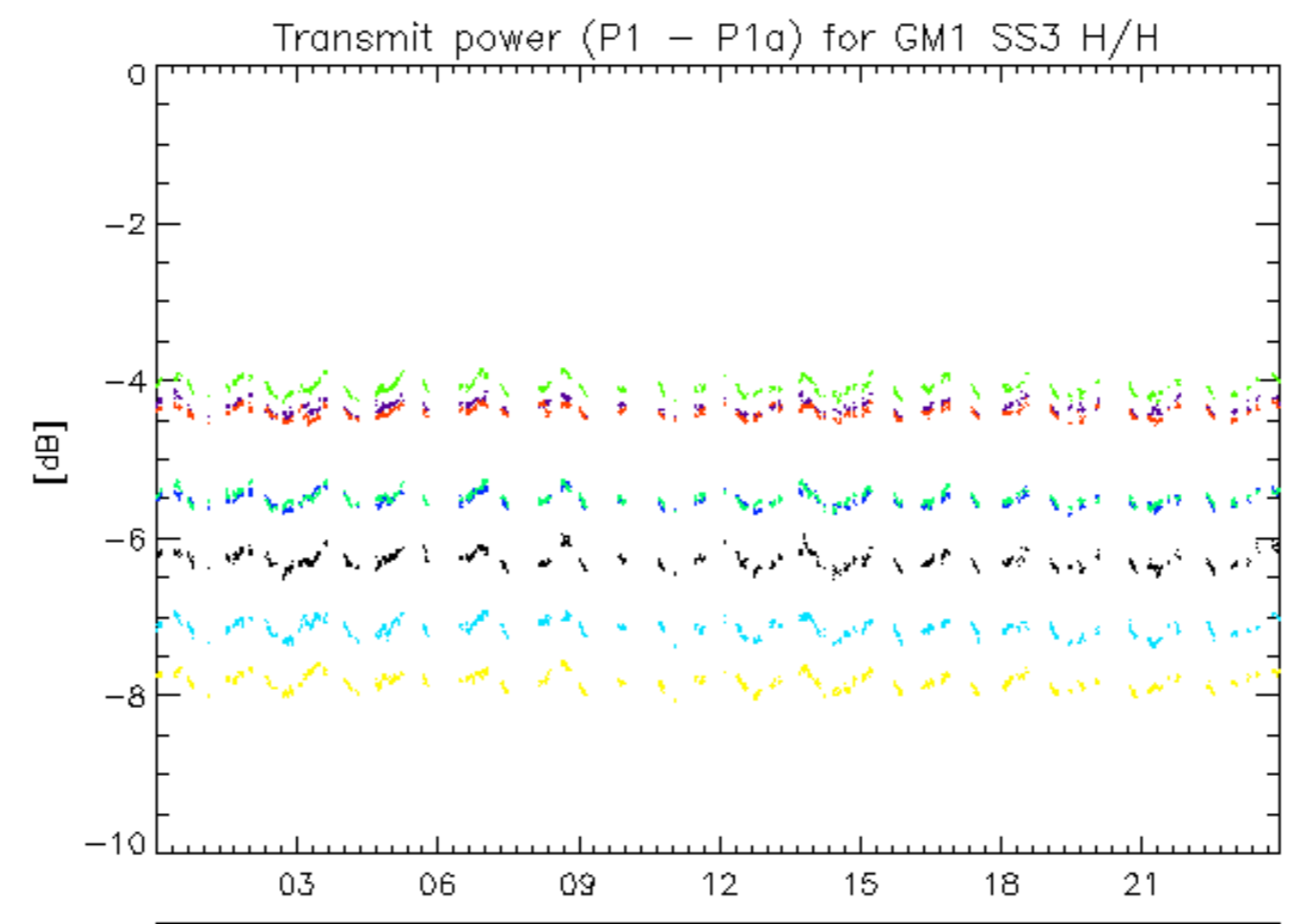


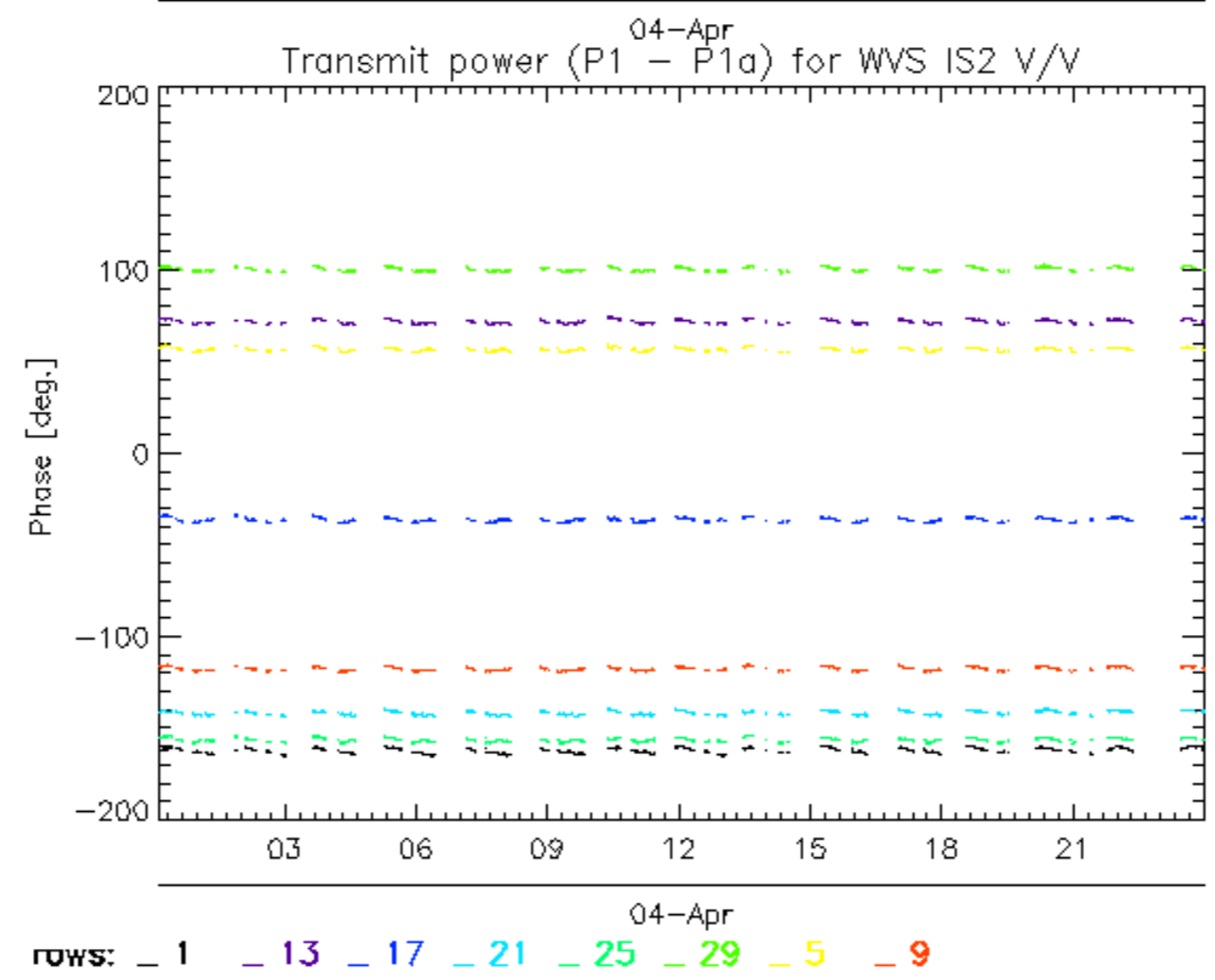
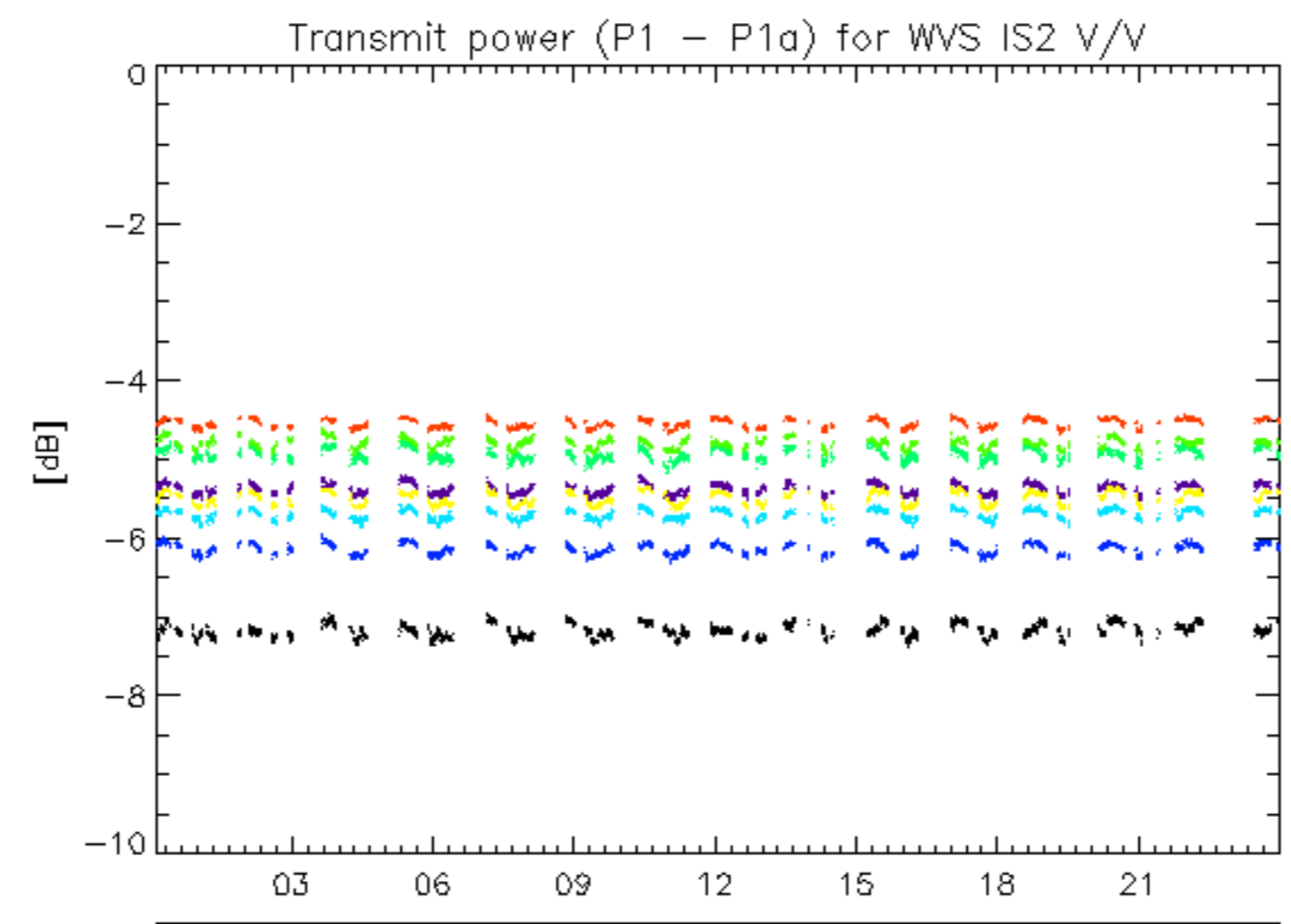


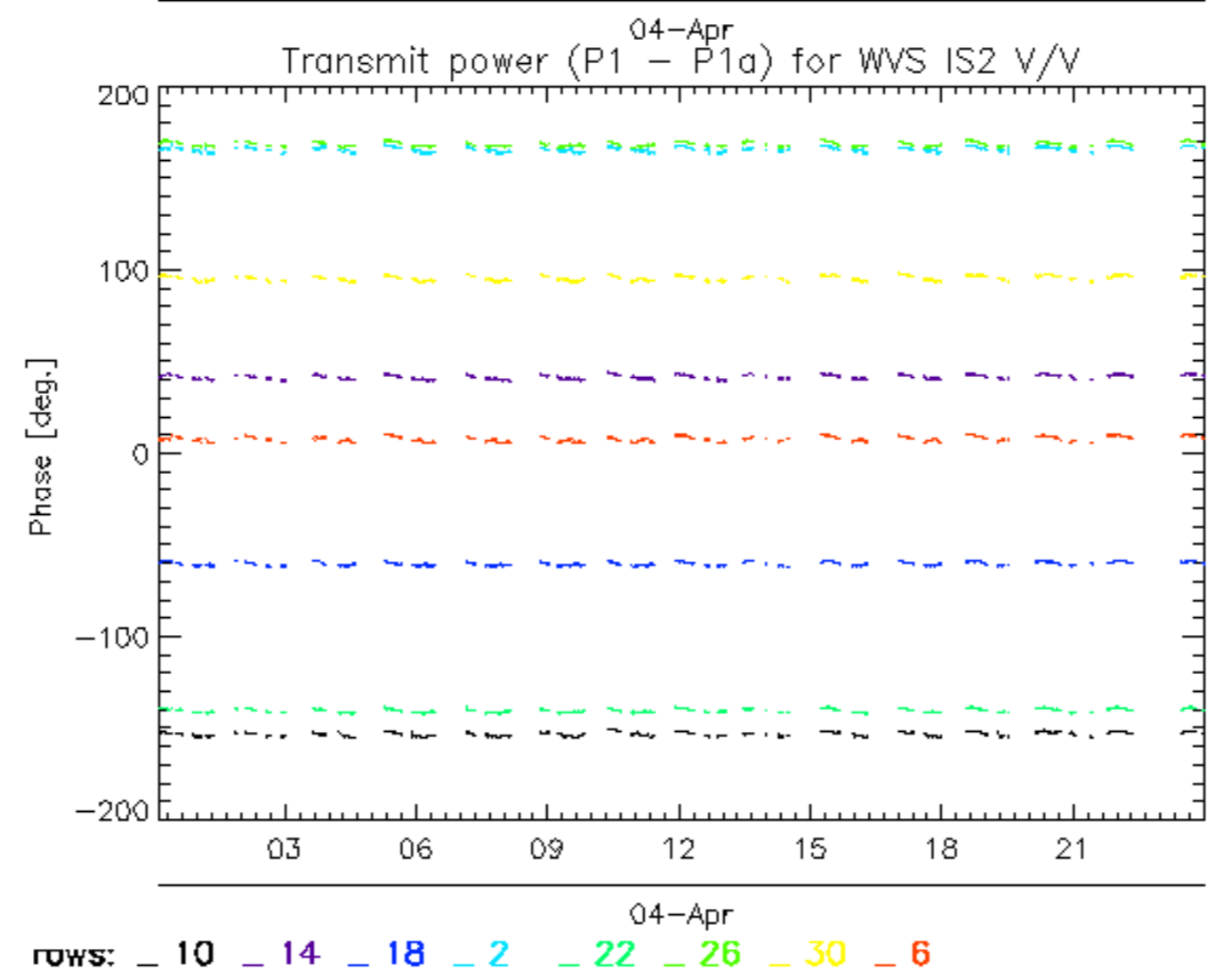
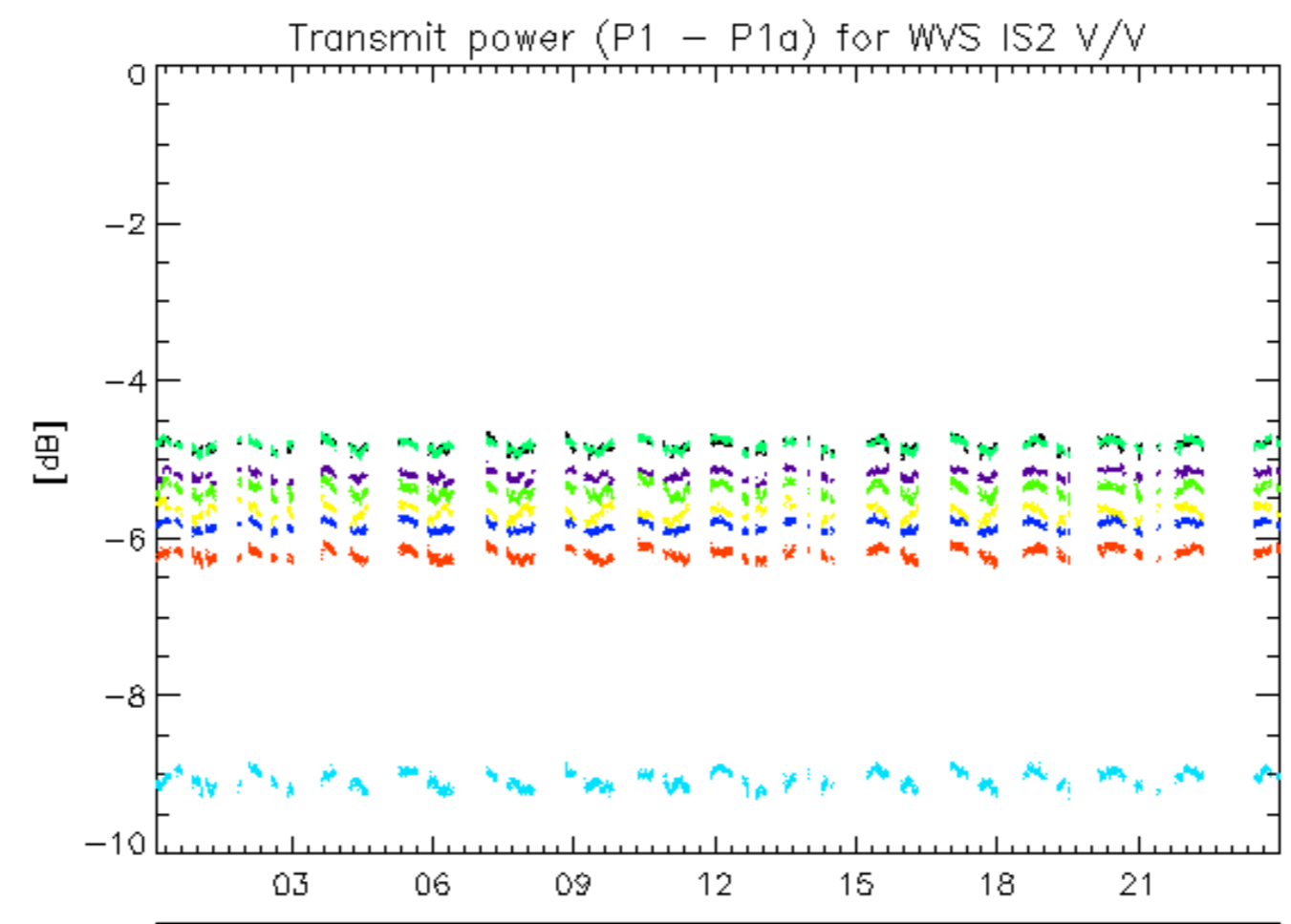


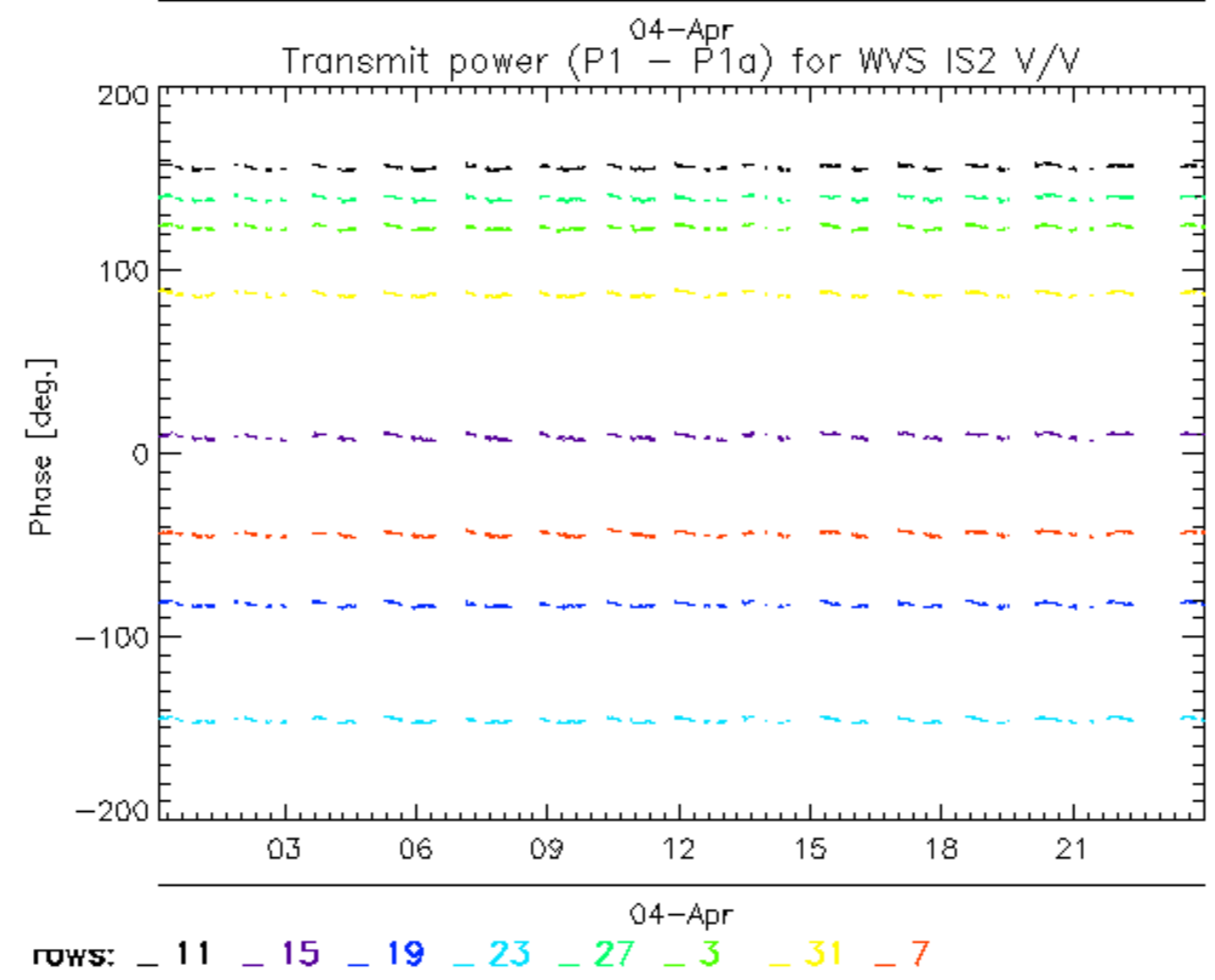
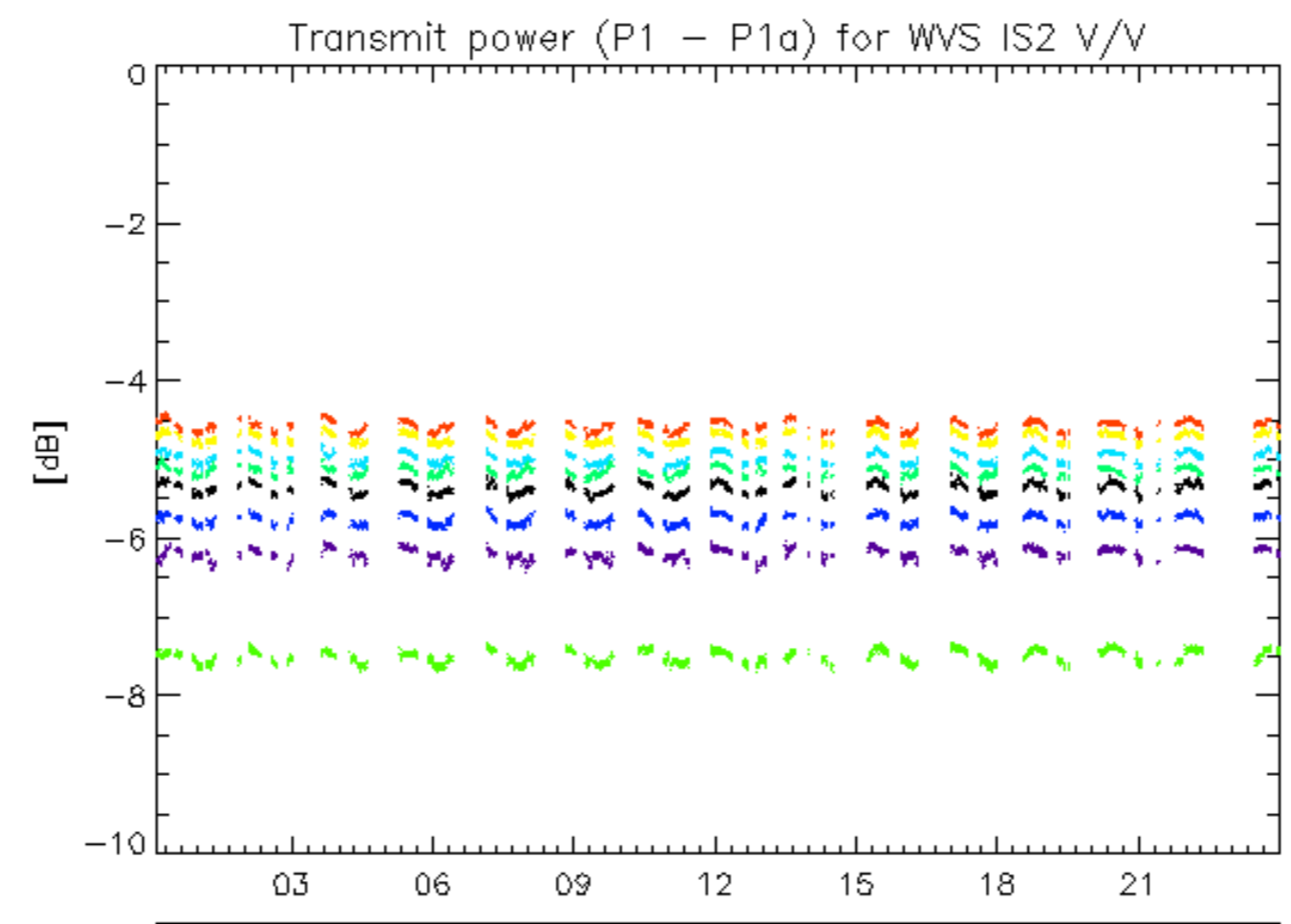


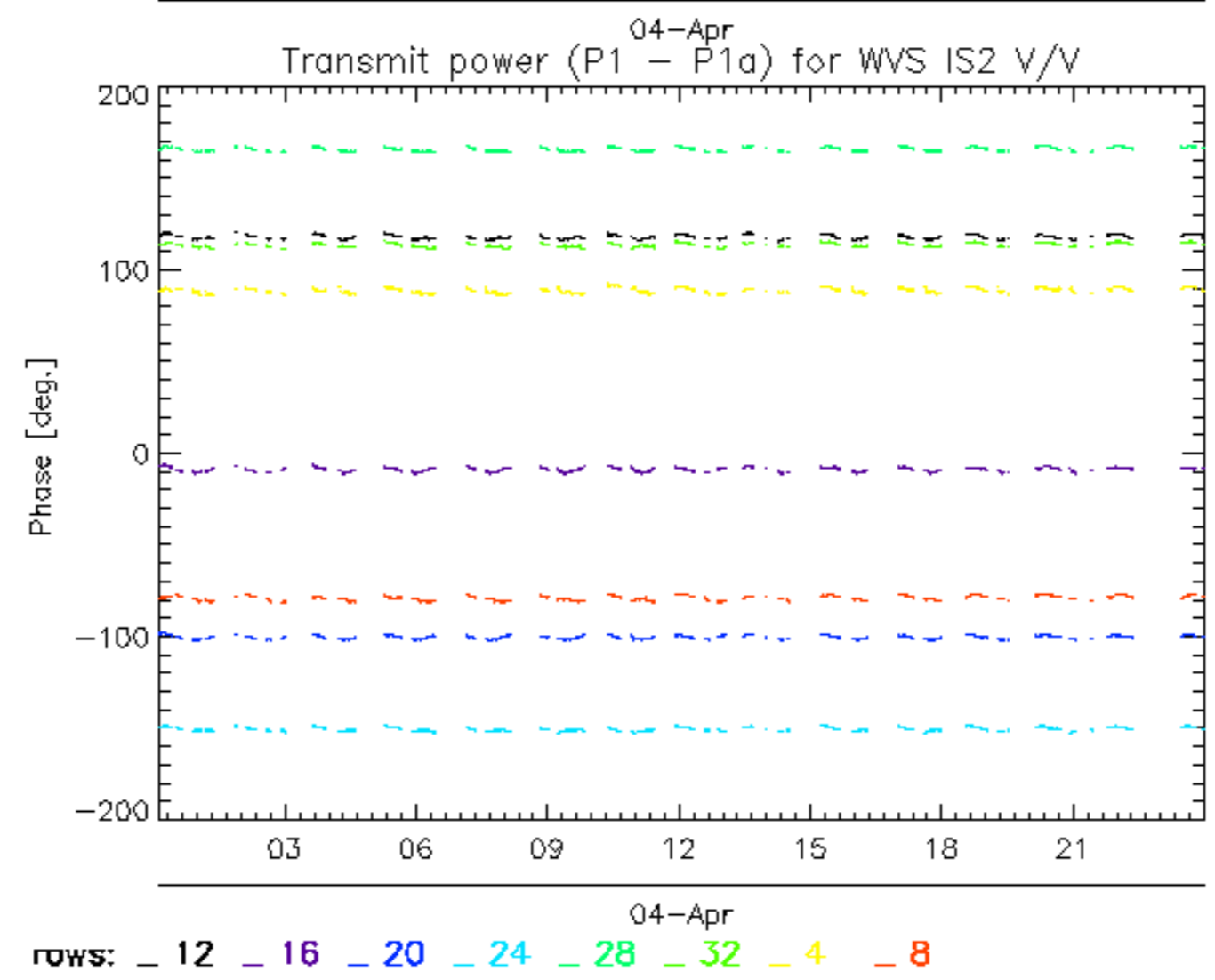
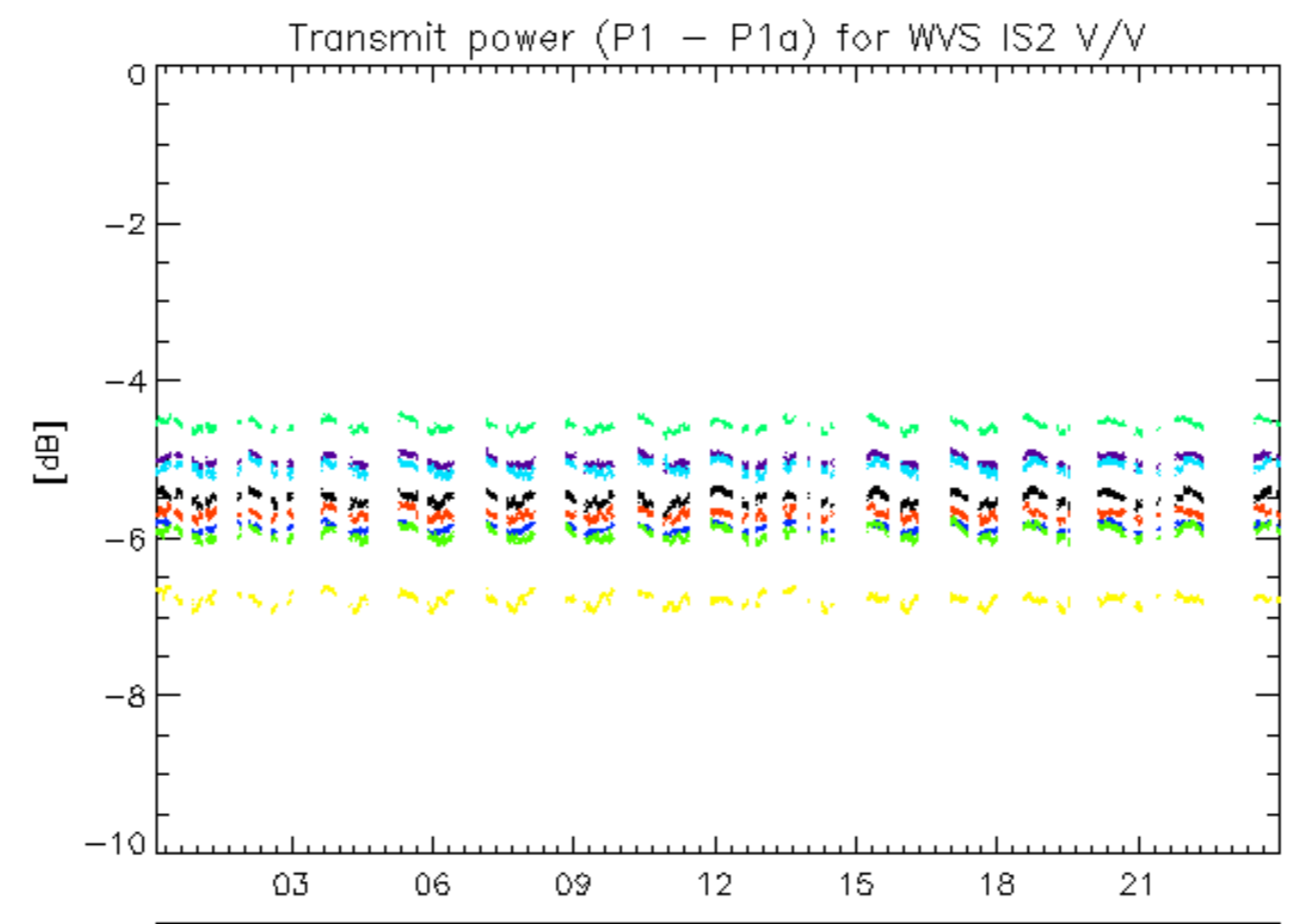
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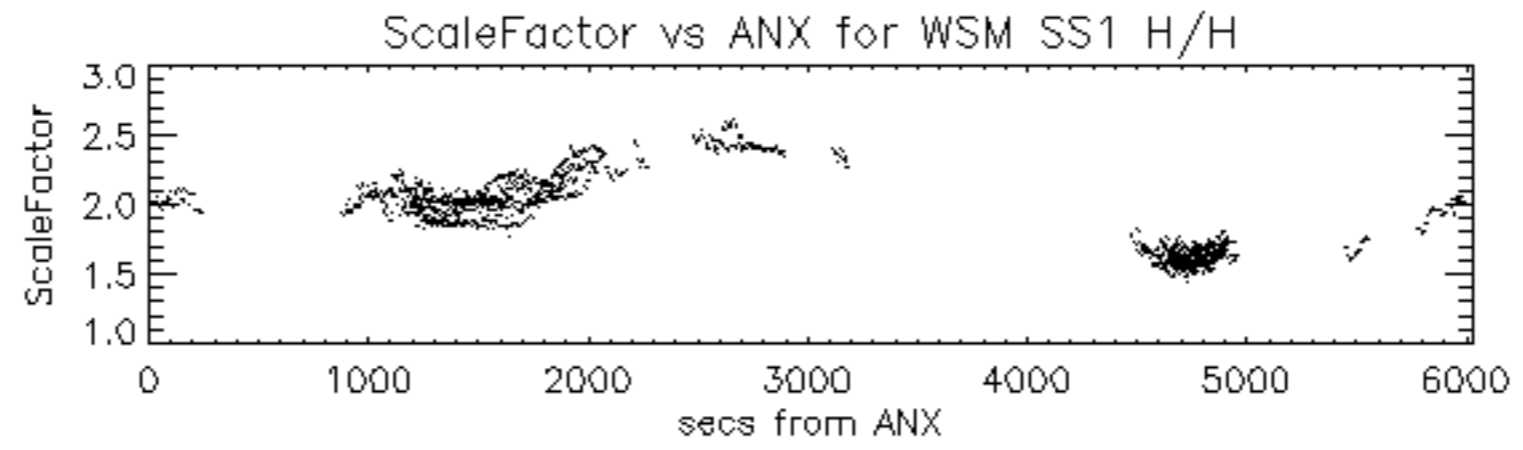




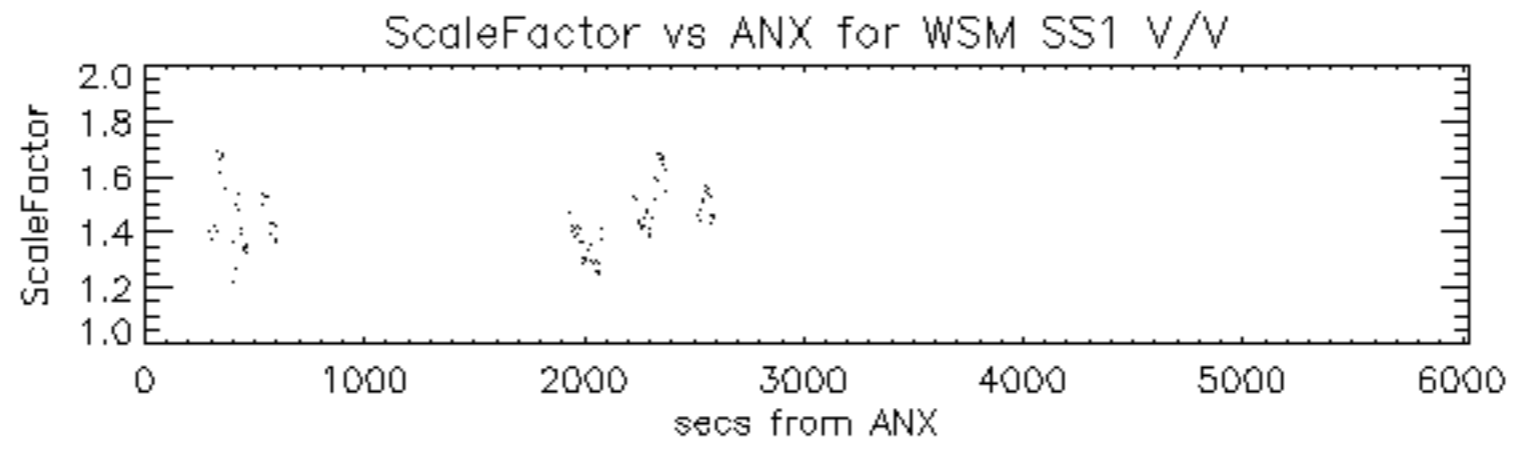


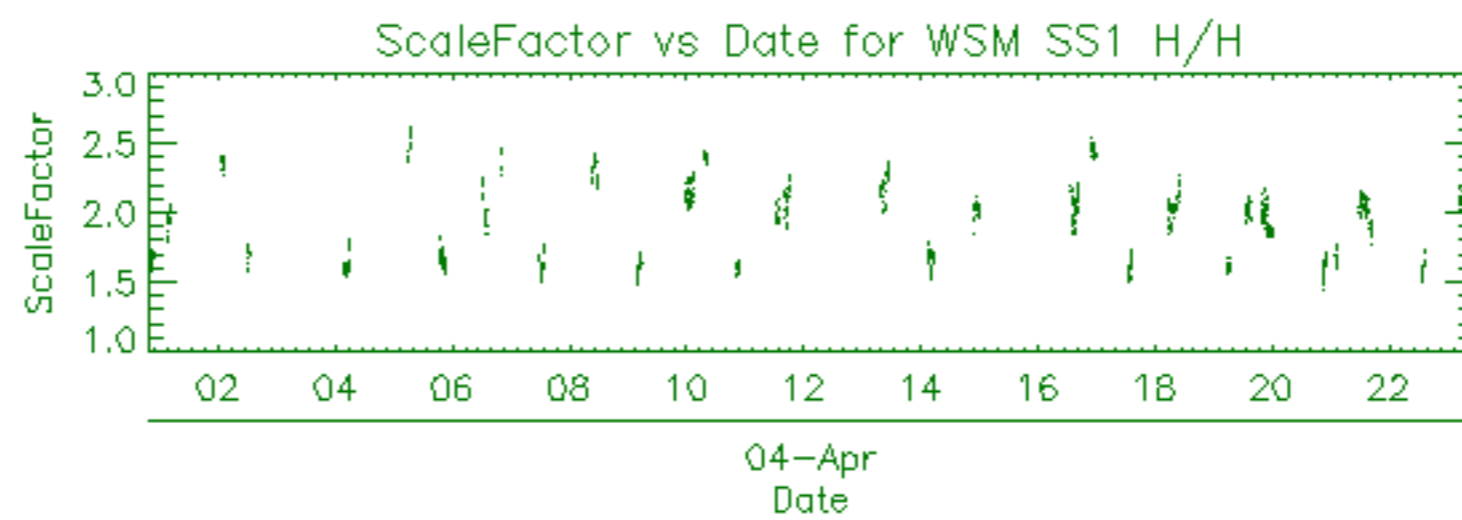


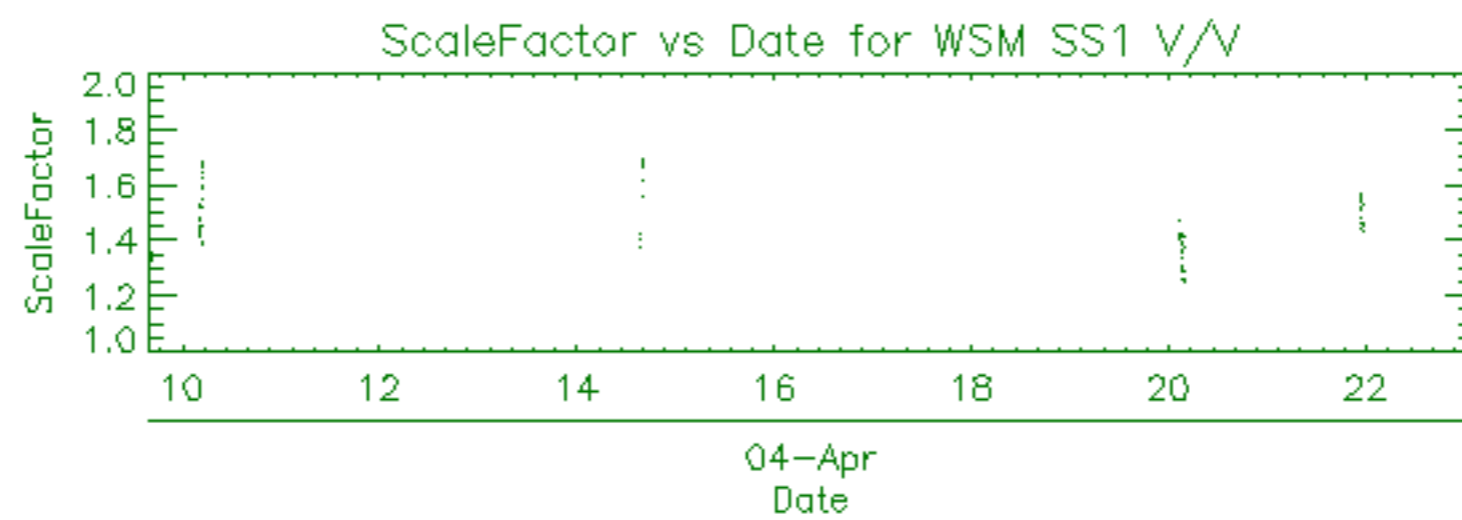












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120404_034018_000000453113_00205_52805_9348.N1						IS1	V/H	113	52805	205	5.04
ASA_APM_1PNPDE20120404_043618_000002663113_00206_52806_9398.N1						IS1	V/H	113	52806	206	5.04
ASA_APM_1PNPDE20120404_134625_000000443113_00211_52811_9555.N1						IS4	V/H	113	52811	211	5.04
ASA_APM_1PNPDE20120404_182820_000000433113_00214_52814_9595.N1						IS6	H/H	113	52814	214	5.04
ASA_APM_1PNPDE20120404_200514_000000443113_00215_52815_9609.N1						IS4	H/H	113	52815	215	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120403_235701_000006223113_00203_52803_9329.N1						SS1	H/H	113	52803	203	5.04
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ASA_GM1_1PNPDE20120404_004012_000005073113_00203_52803_9337.N1						SS1	H/H	113	52803	203	5.04
ASA_GM1_1PNPDE20120404_010625_000000723113_00203_52803_9350.N1						SS1	H/H	113	52803	203	5.04
ASA_GM1_1PNPDE20120404_012831_000003443113_00204_52804_9357.N1						SS1	H/H	113	52804	204	5.04
ASA_GM1_1PNPDE20120404_013822_000008343113_00204_52804_9376.N1						SS1	H/H	113	52804	204	5.04
ASA_GM1_1PNPDE20120404_015835_000003023113_00204_52804_9373.N1						SS1	H/H	113	52804	204	5.04
ASA_GM1_1PNPDE20120404_022029_000005493113_00204_52804_9372.N1						SS1	H/H	113	52804	204	5.04
ASA_GM1_1PNPDE20120404_023200_000000843113_00204_52804_9371.N1						SS1	H/H	113	52804	204	5.04
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ASA_GM1_1PNPDE20120404_024235_000003983113_00204_52804_9369.N1						SS1	H/H	113	52804	204	5.04
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ASA_GM1_1PNPDE20120404_210721_000010513113_00215_52815_9617.N1						SS1	H/H	113	52815	215	5.04
ASA_GM1_1PNPDE20120404_213232_000000723113_00216_52816_9618.N1						SS1	H/H	113	52816	216	5.04

ASA_GM1_1PNPDE20120404_214324_000002713113_00216_52816_9621.N1	SS1	H/H	113	52816	216	5.04
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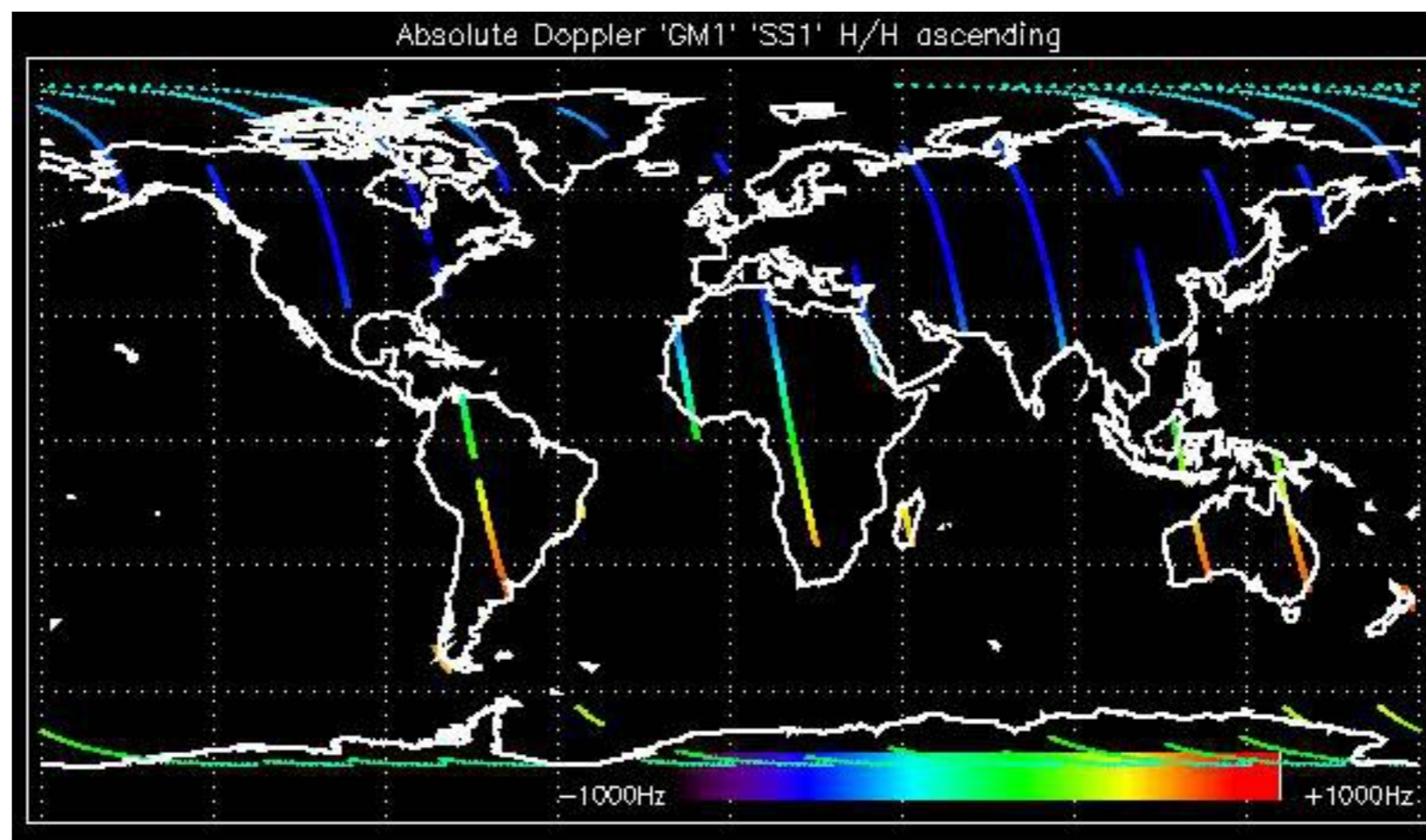
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ASA_IMM_1PNPDE20120404_051033_000001583113_00206_52806_9395.N1						IS6	H/H	113	52806	206	5.04
ASA_IMM_1PNPDE20120404_070504_000001593113_00207_52807_9418.N1						IS2	V/V	113	52807	207	5.04
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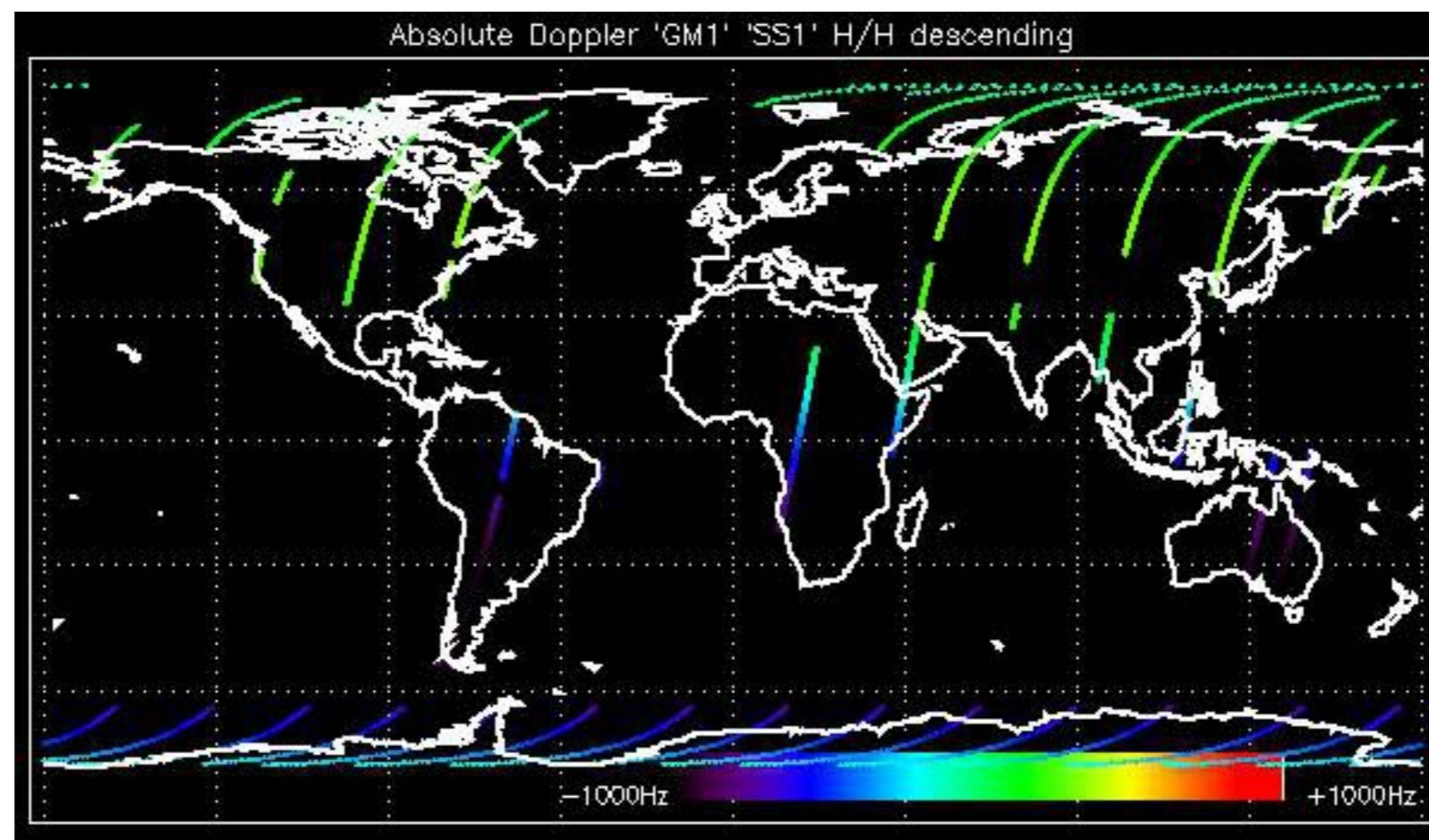
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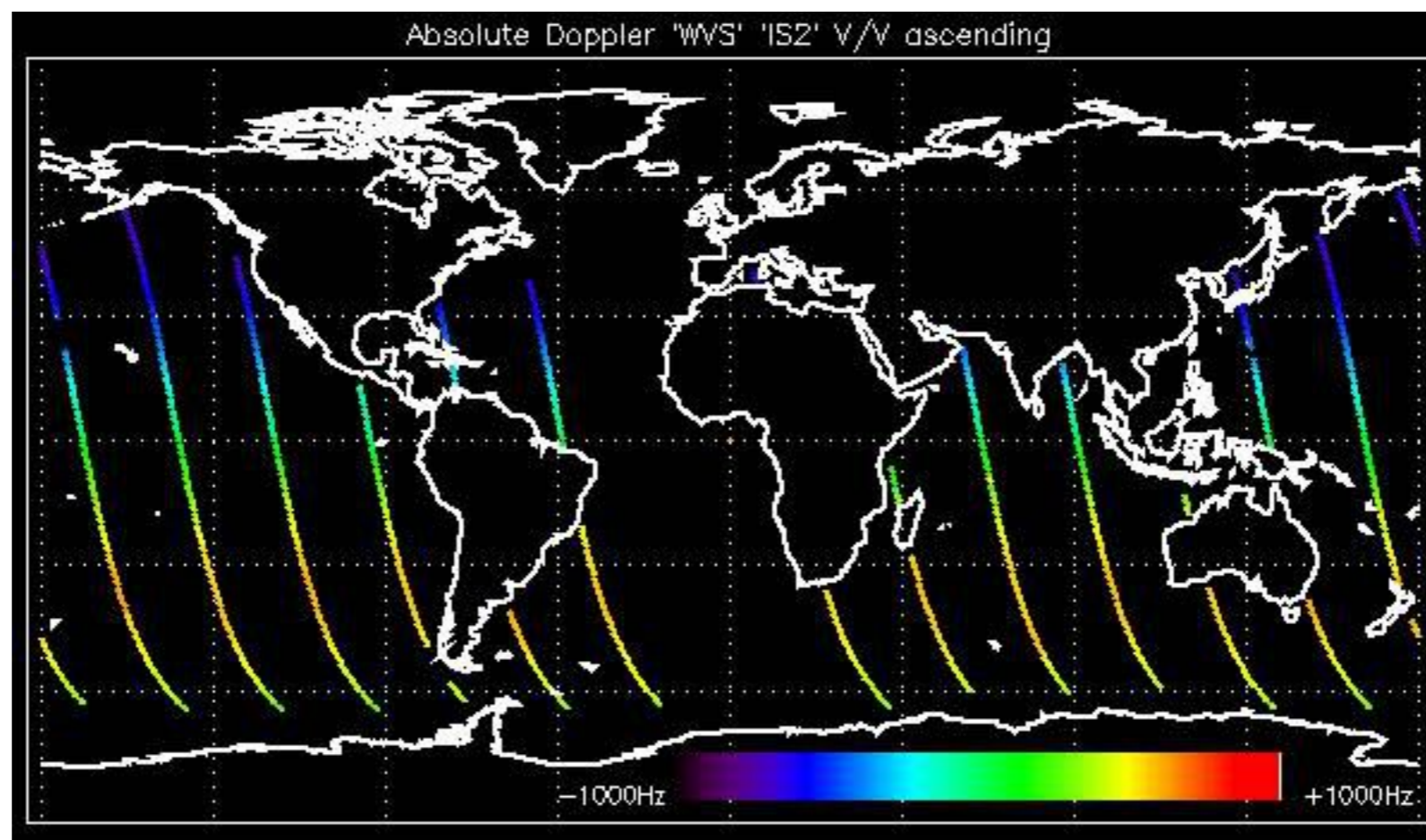


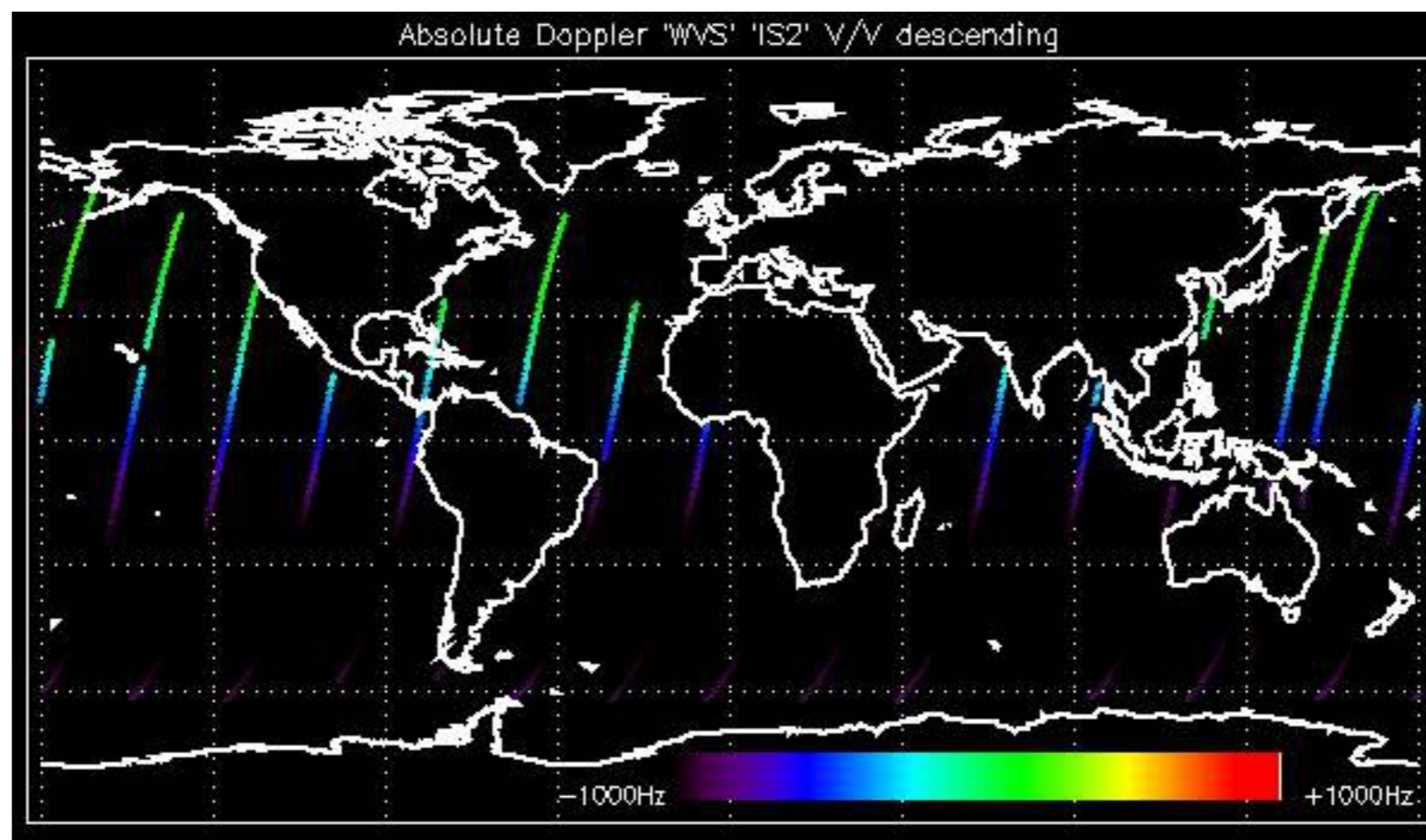
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ASA_WSM_1PNPDE20120404_054707_000003923113_00206_52806_9416.N1						SS1	H/H	113	52806	206	5.04
ASA_WSM_1PNPDE20120404_063056_000002693113_00207_52807_9417.N1						SS1	H/H	113	52807	207	5.04
ASA_WSM_1PNPDE20120404_064918_000000923113_00207_52807_9415.N1						SS1	H/H	113	52807	207	5.04
ASA_WSM_1PNPDK20120404_072923_000002693113_00207_52807_7486.N1						SS1	H/H	113	52807	207	5.04
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ASA_WSM_1PNPDK20120404_090928_000002753113_00208_52808_7525.N1						SS1	H/H	113	52808	208	5.04
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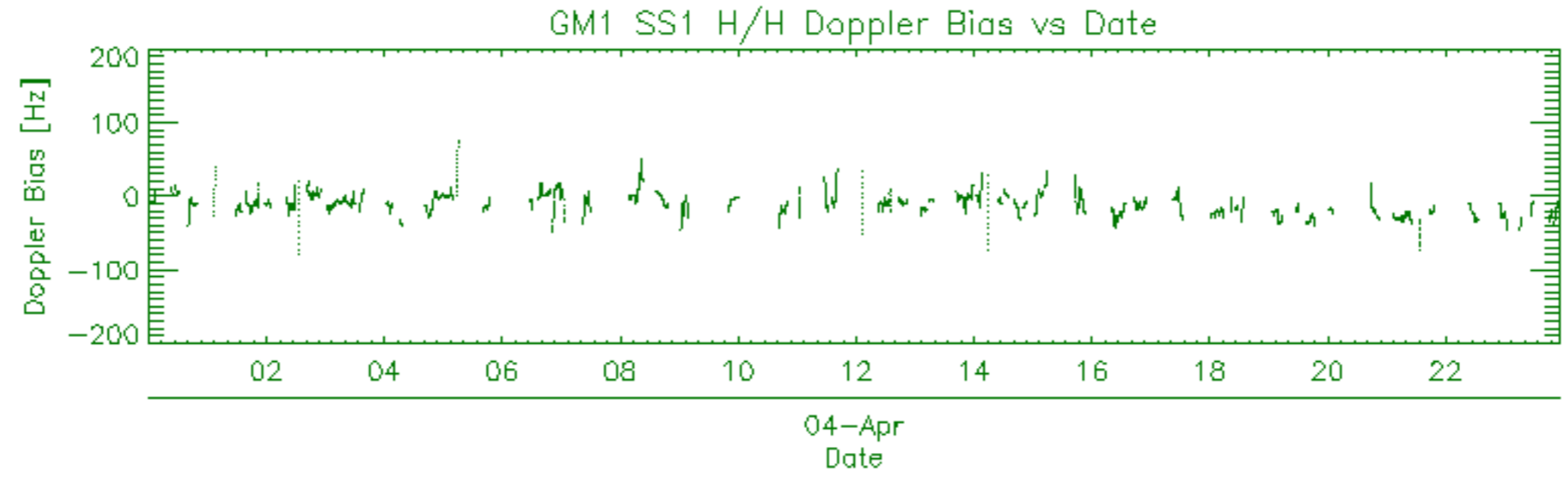
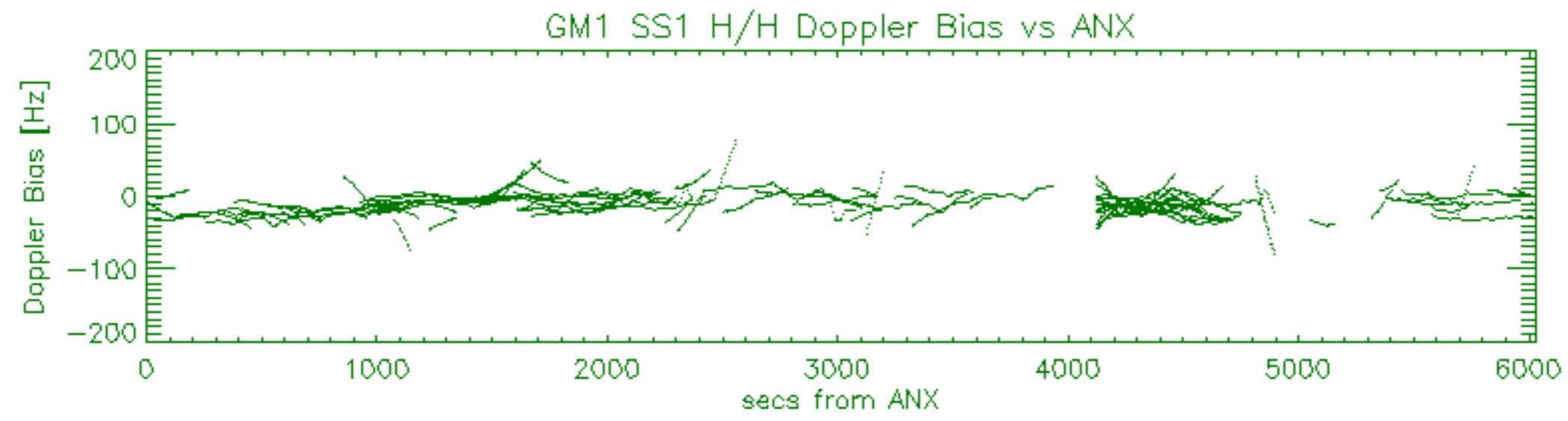
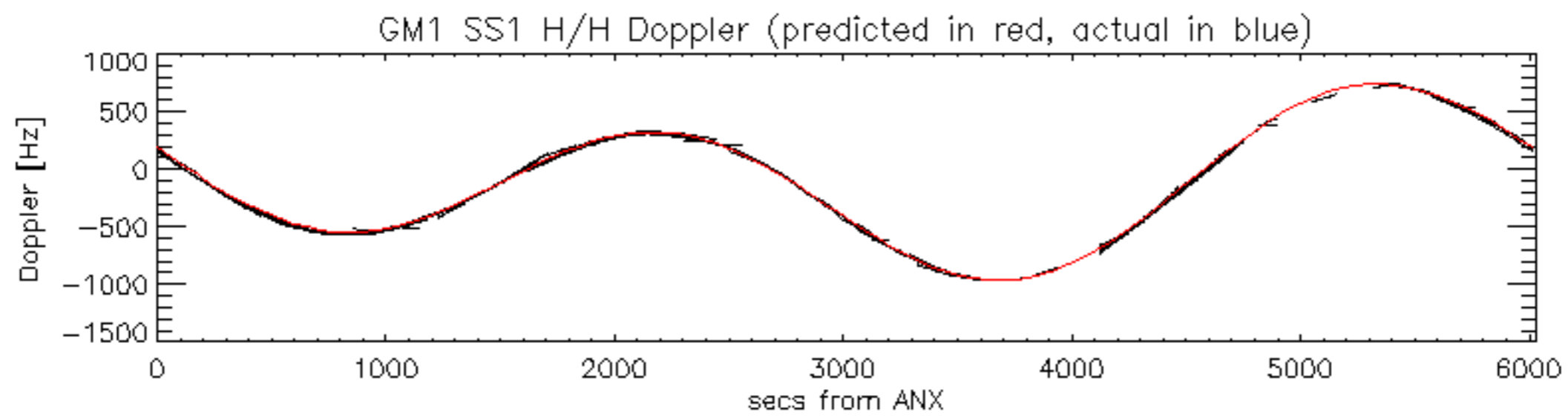
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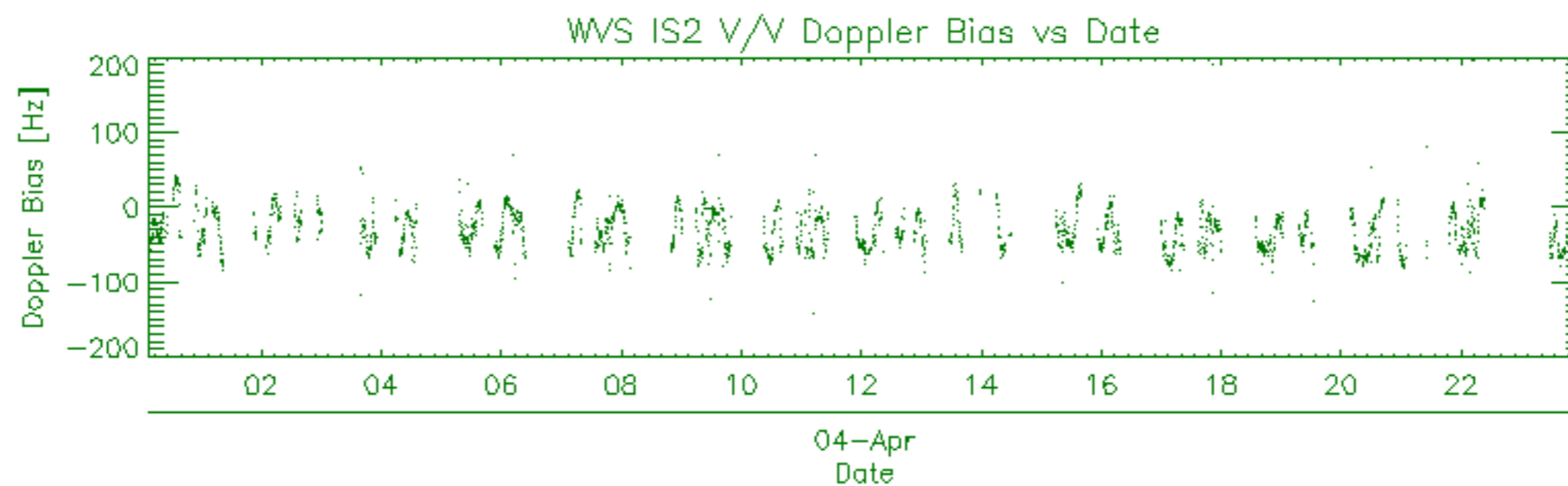
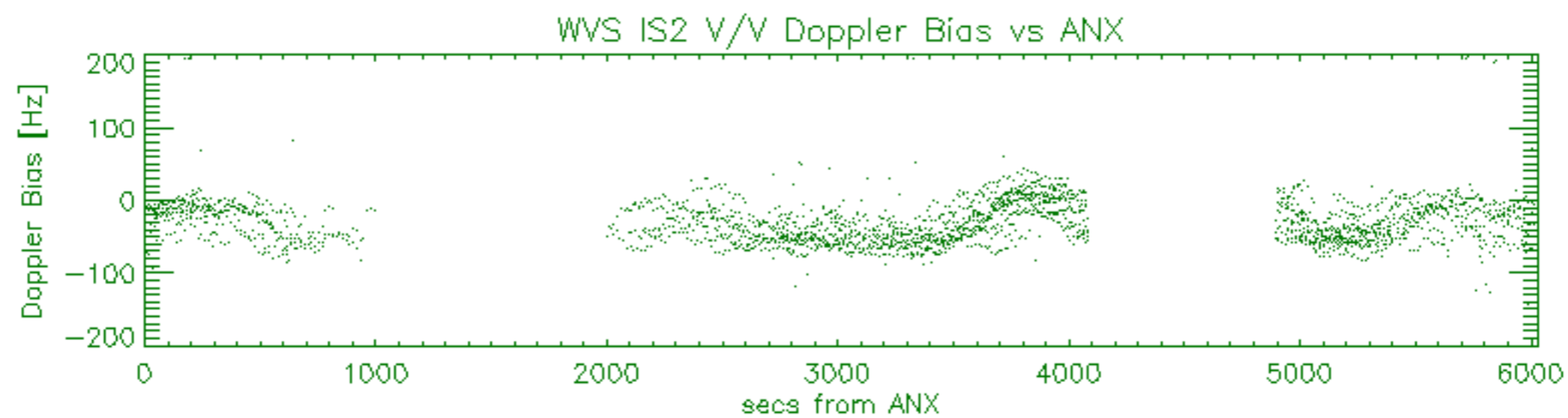
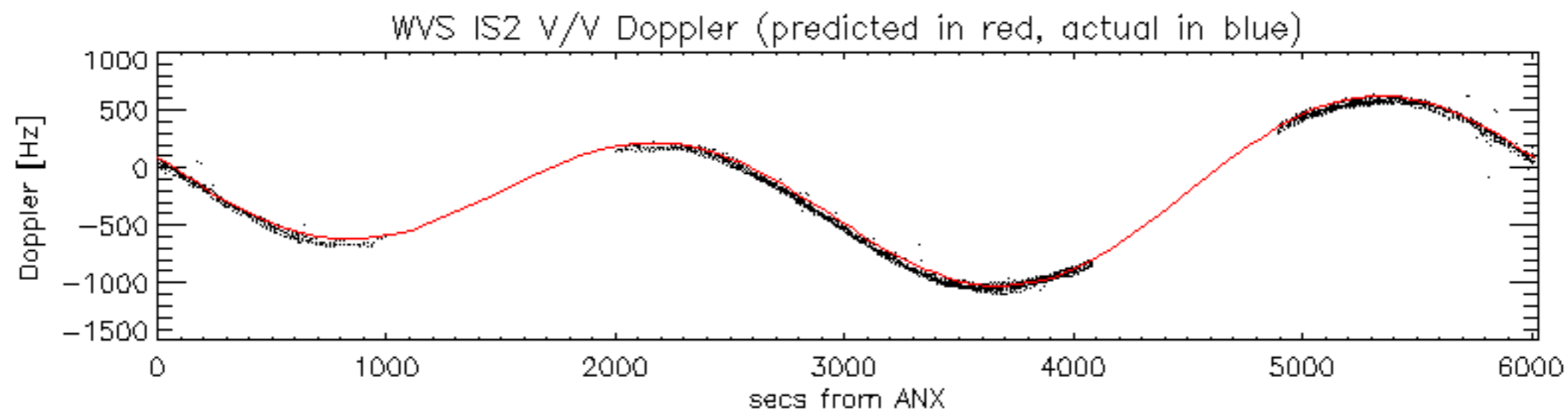




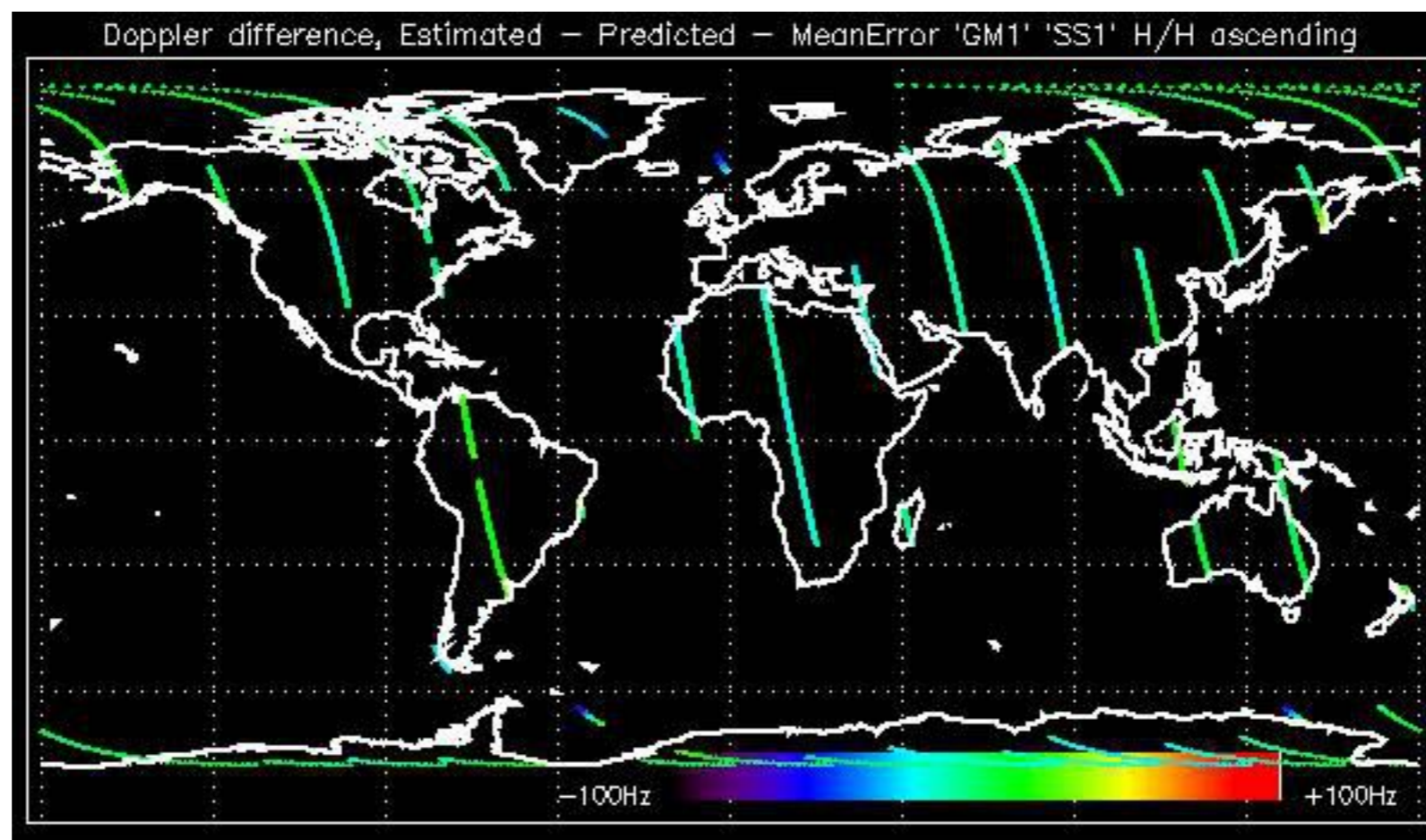


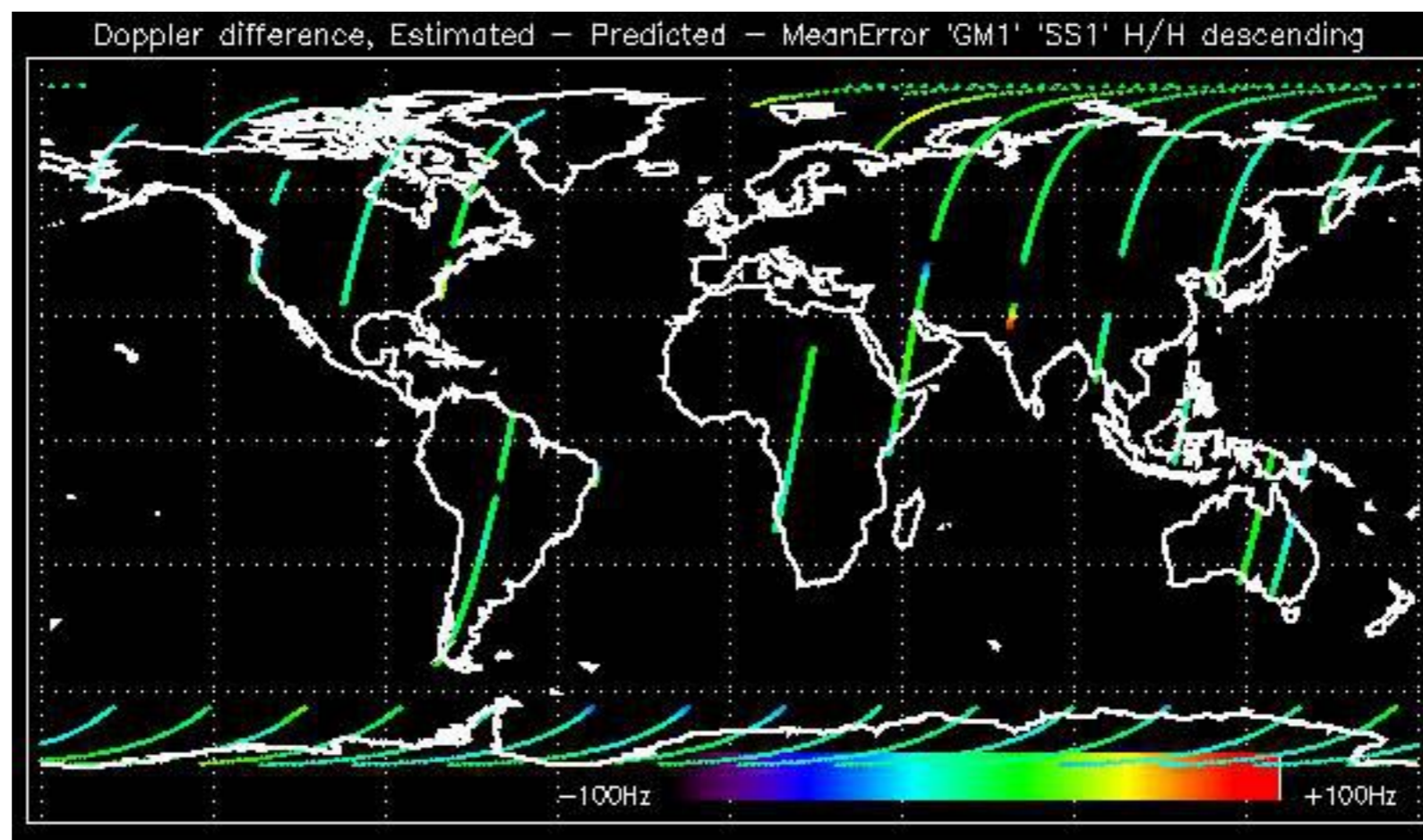


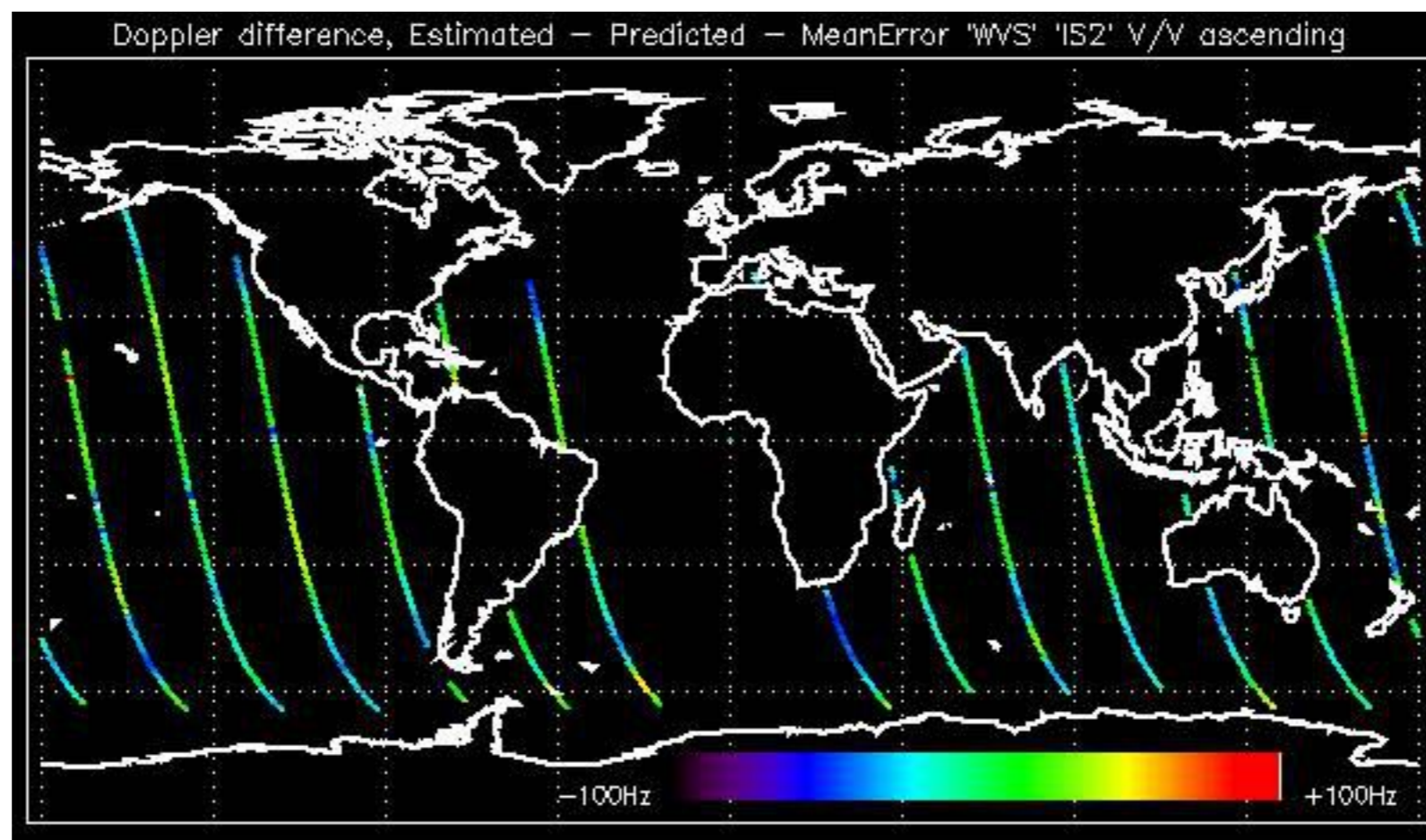


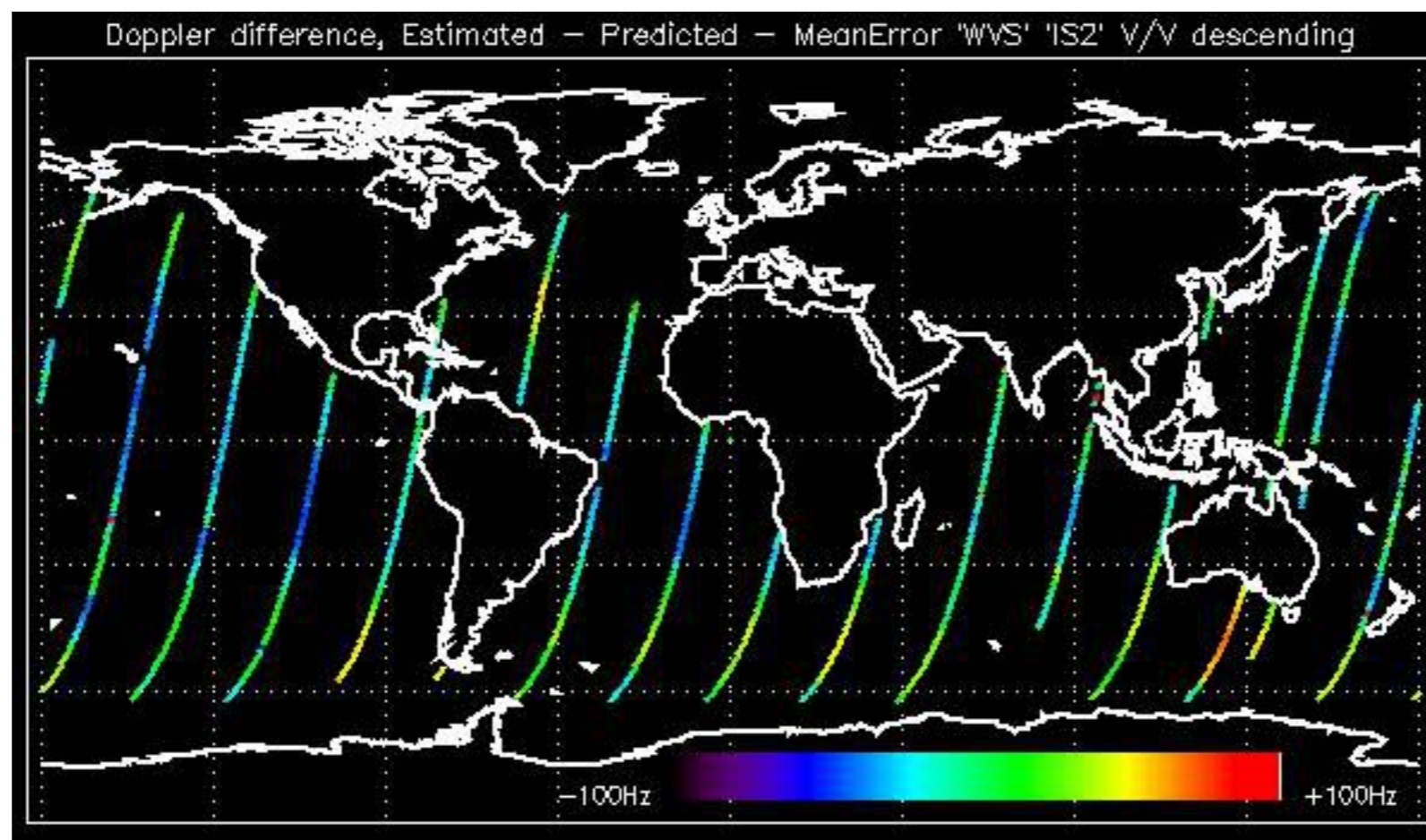


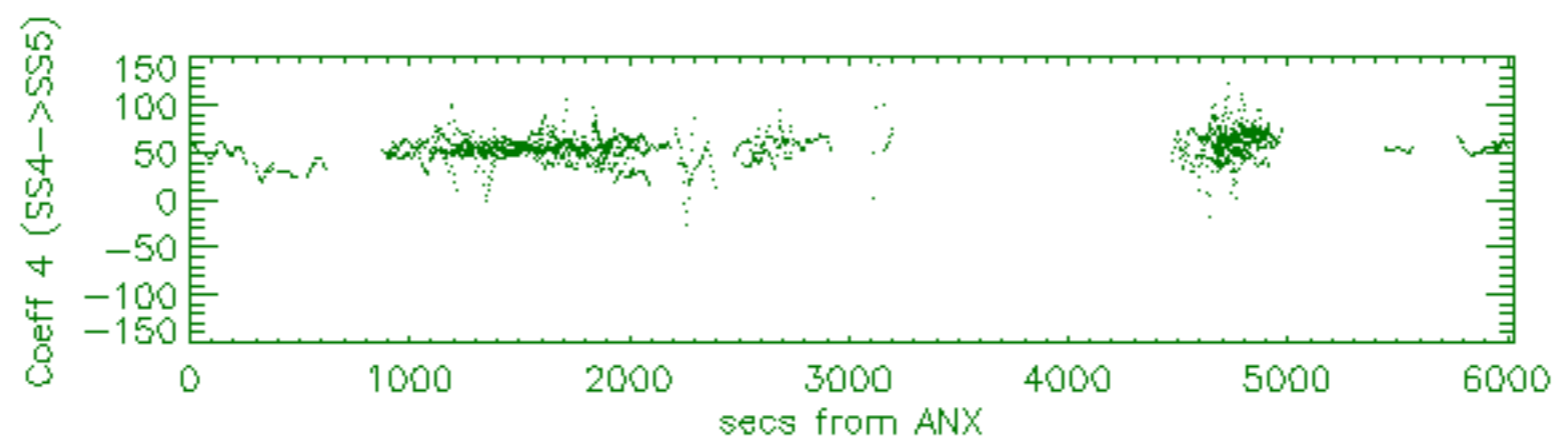
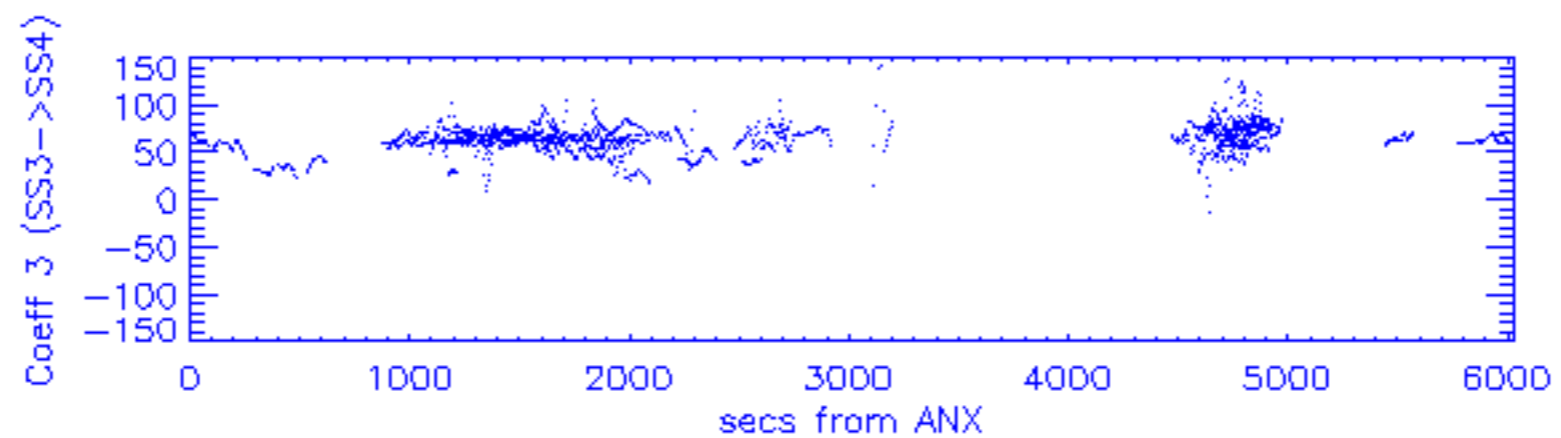
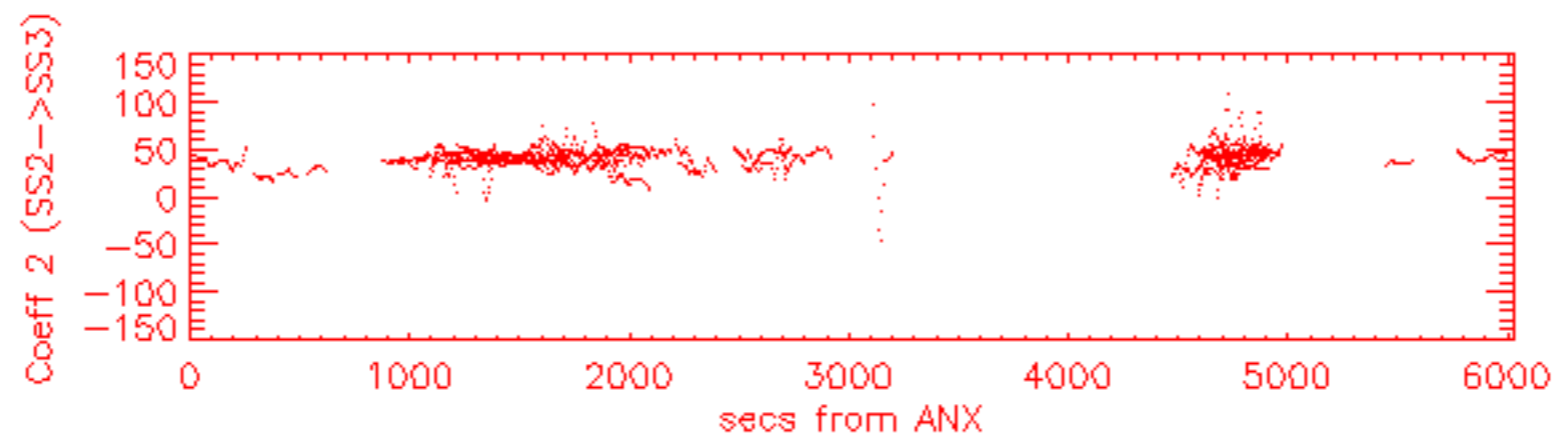
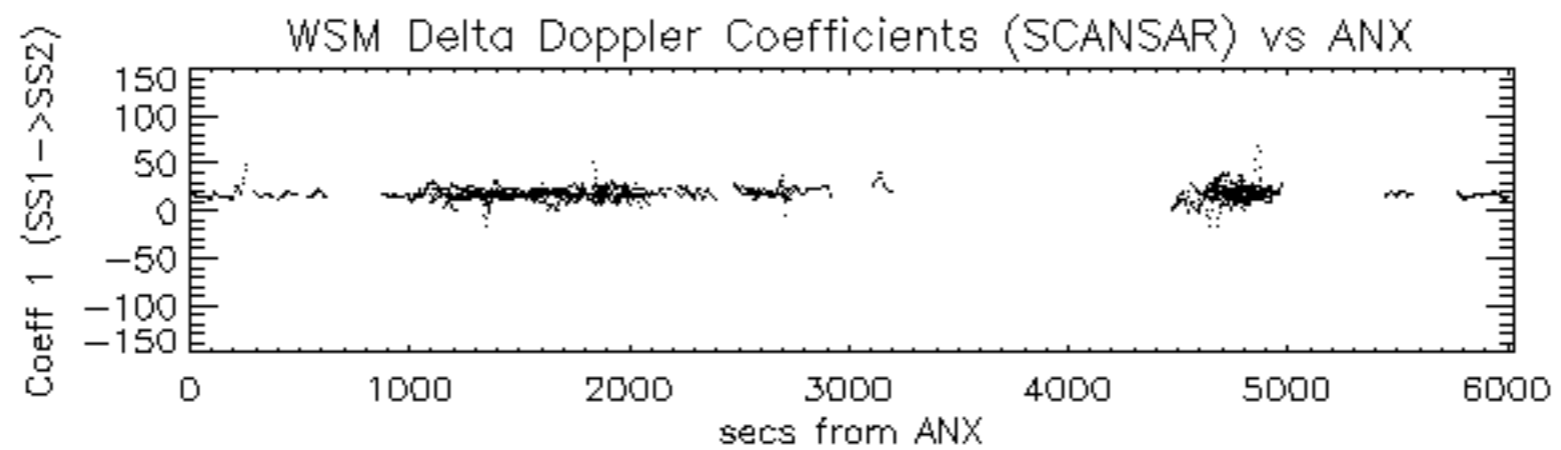


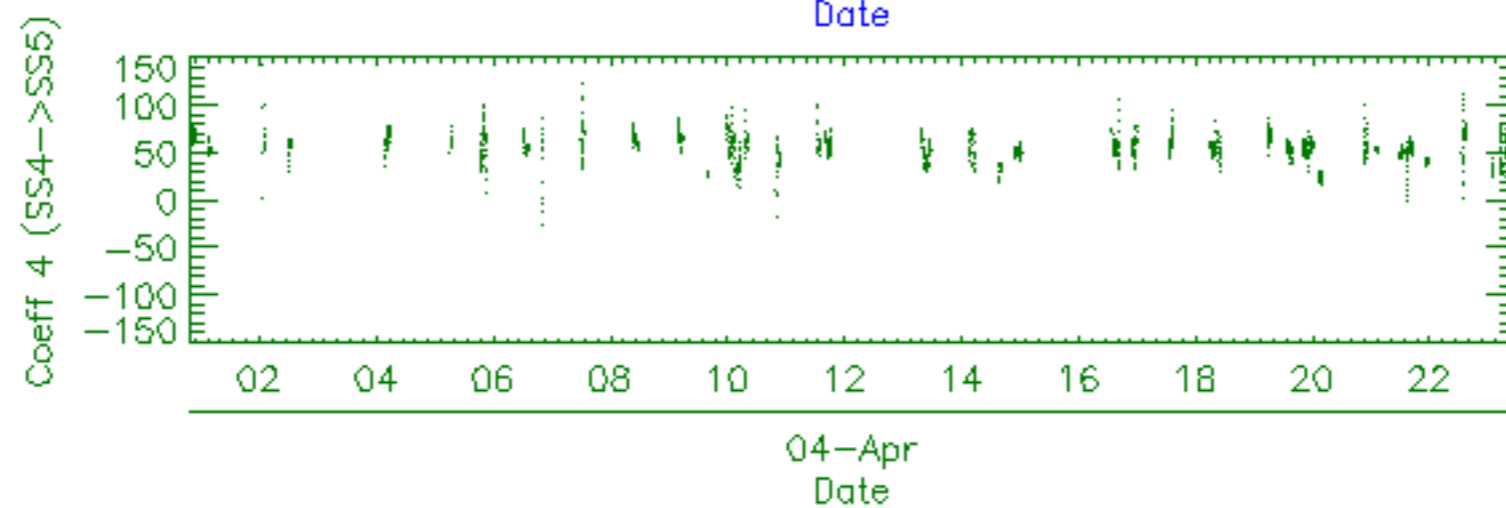
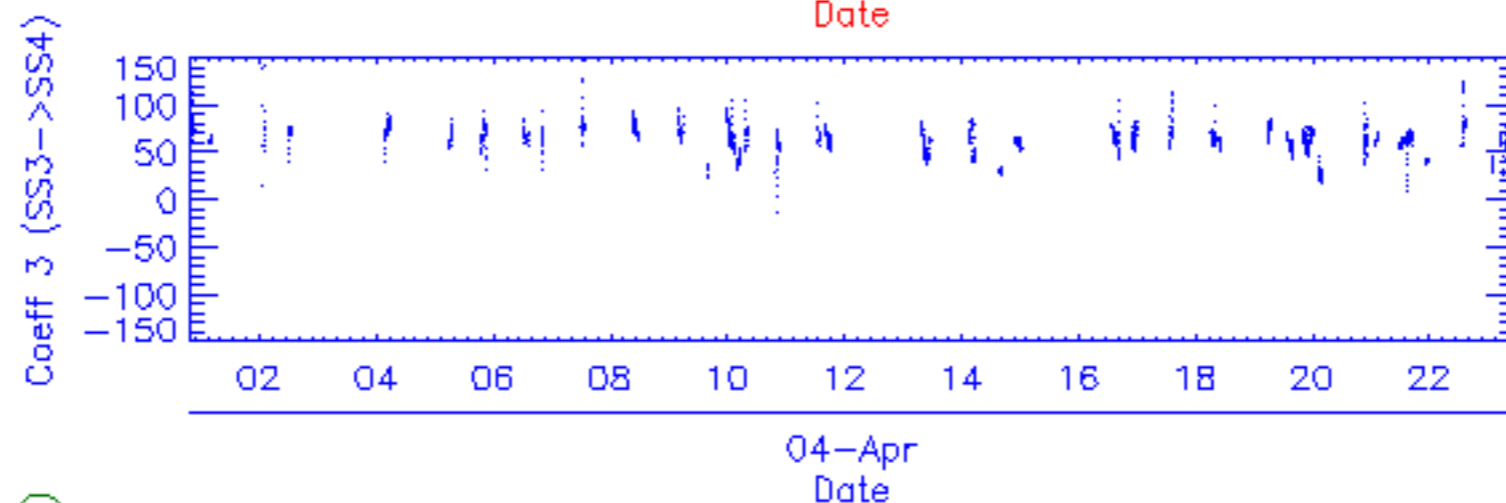
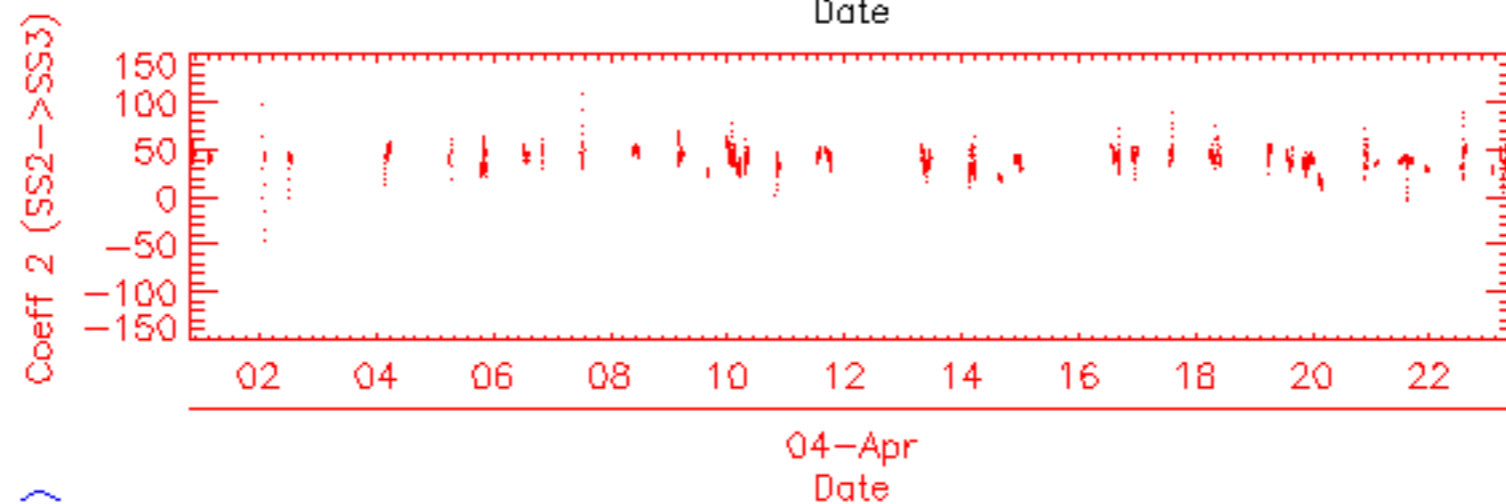
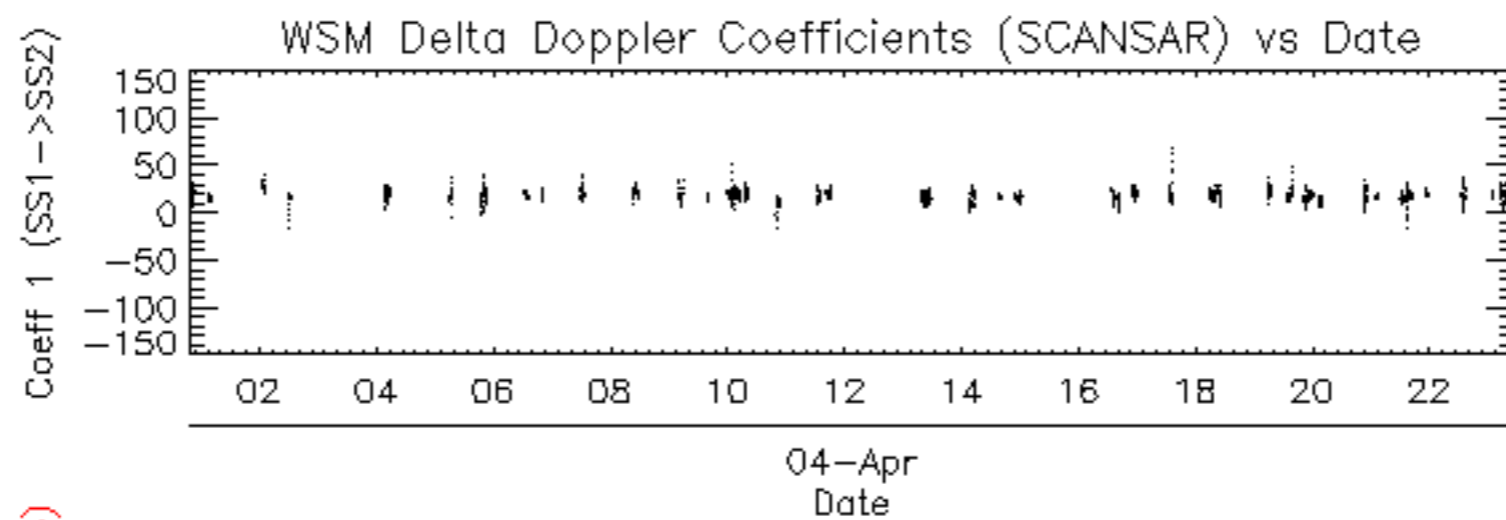




















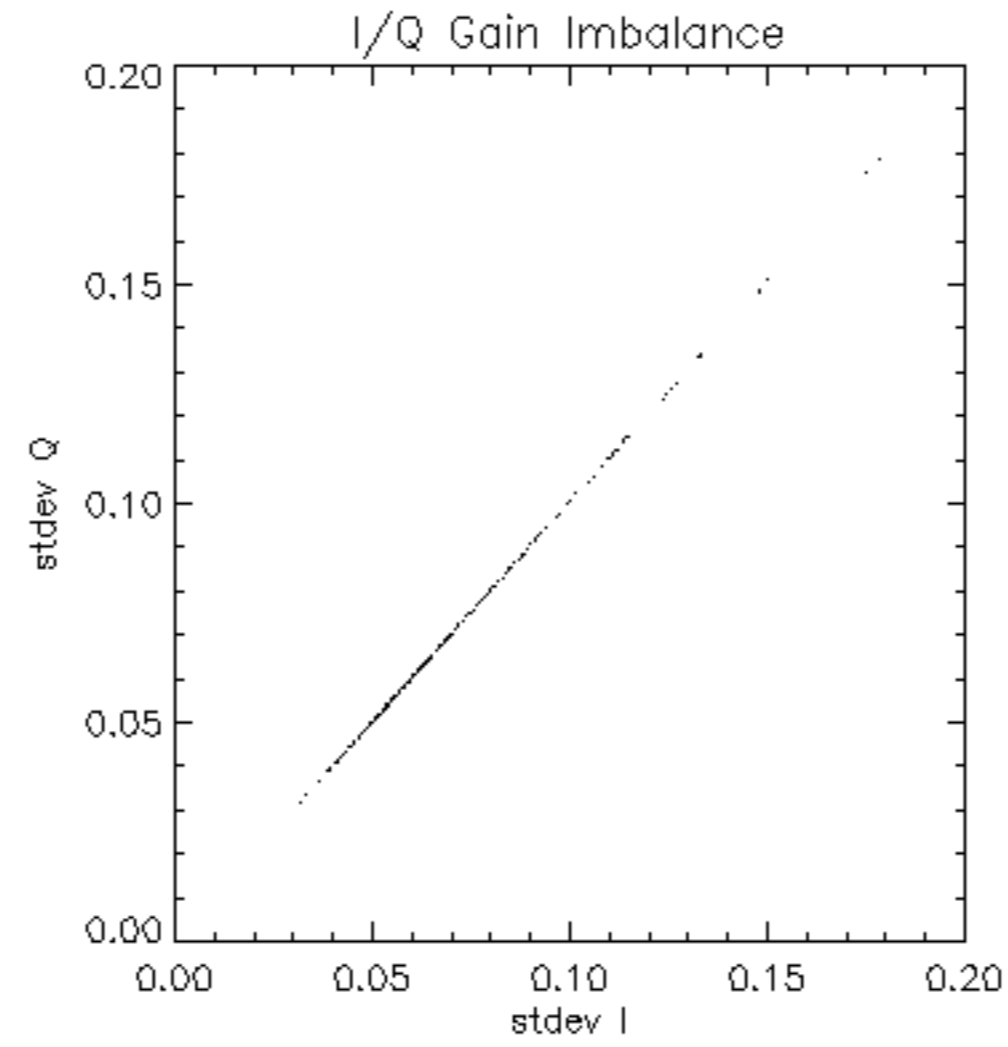


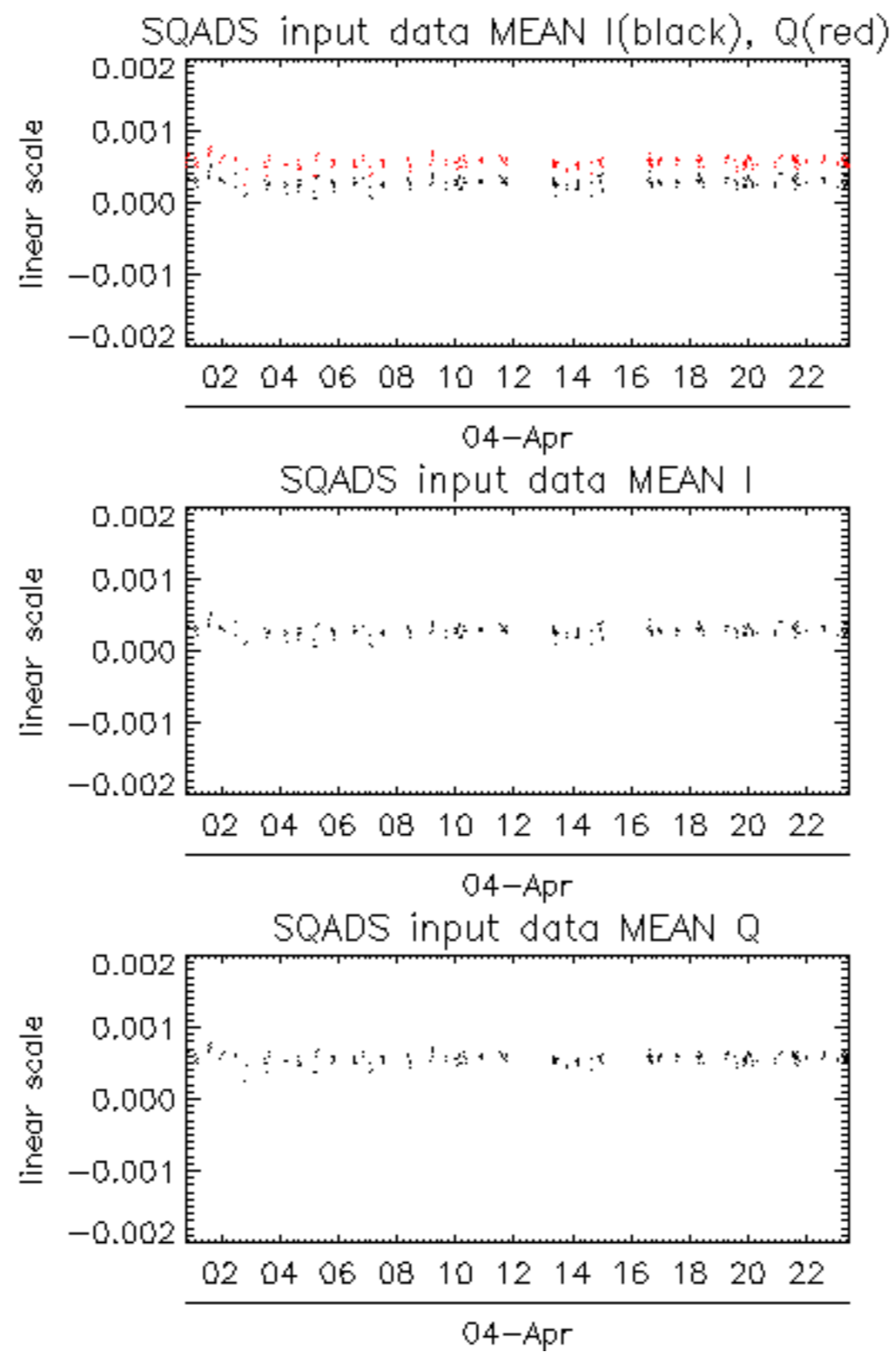




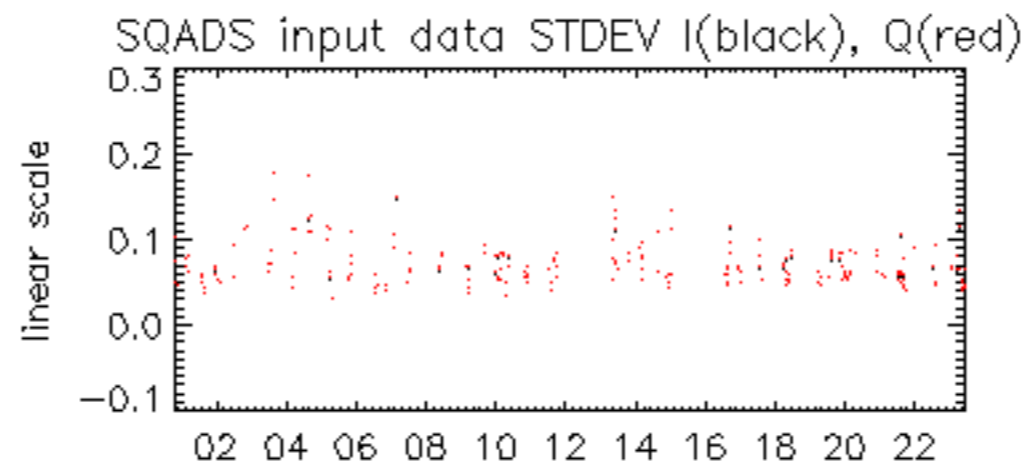




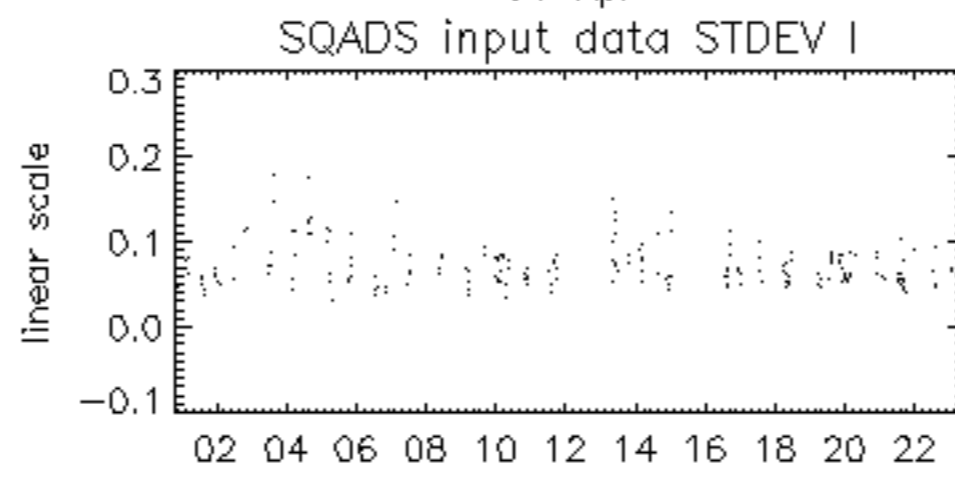




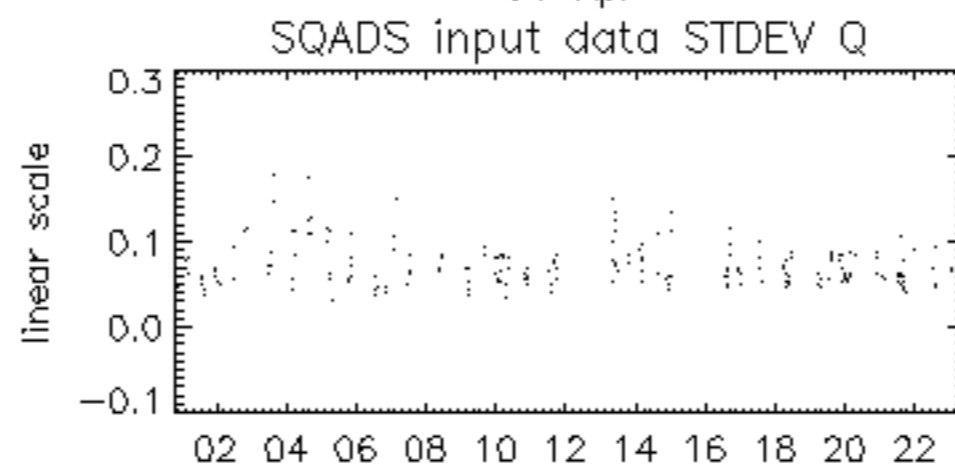




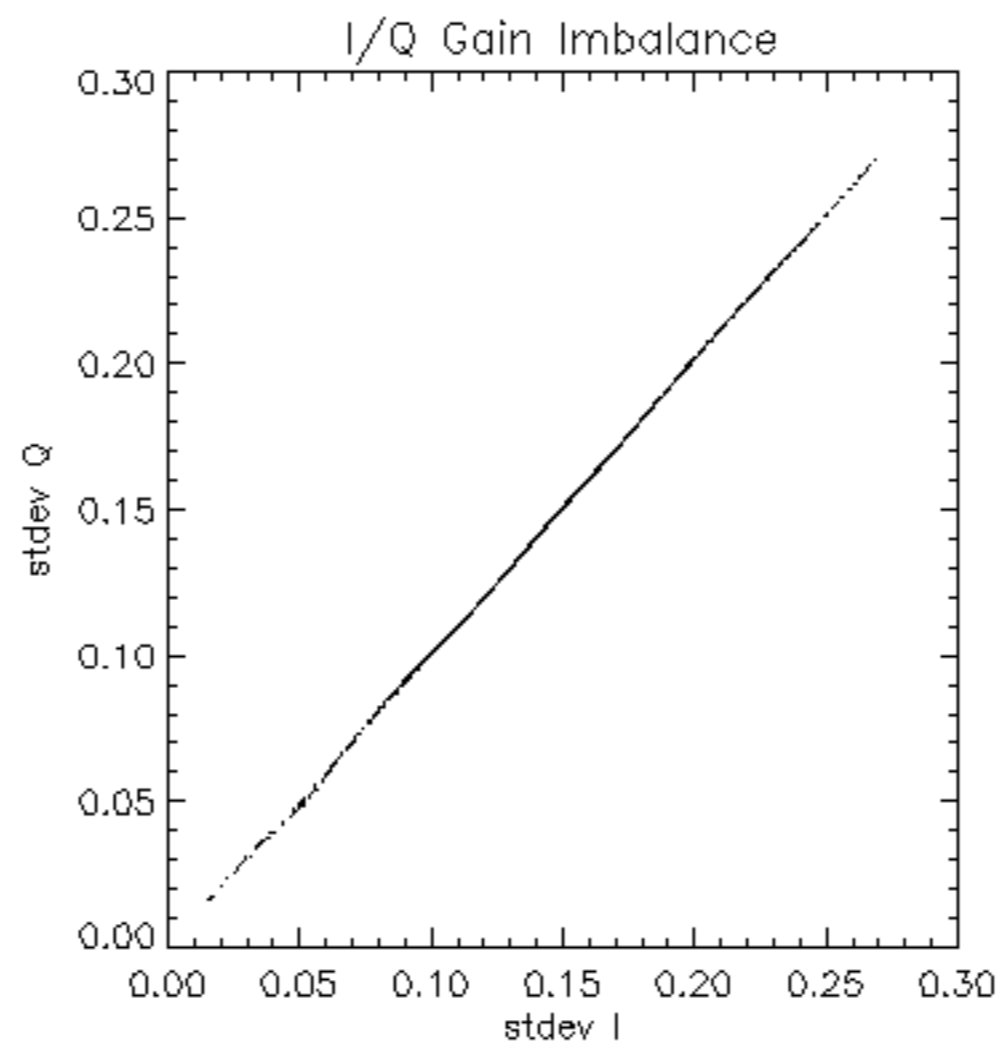
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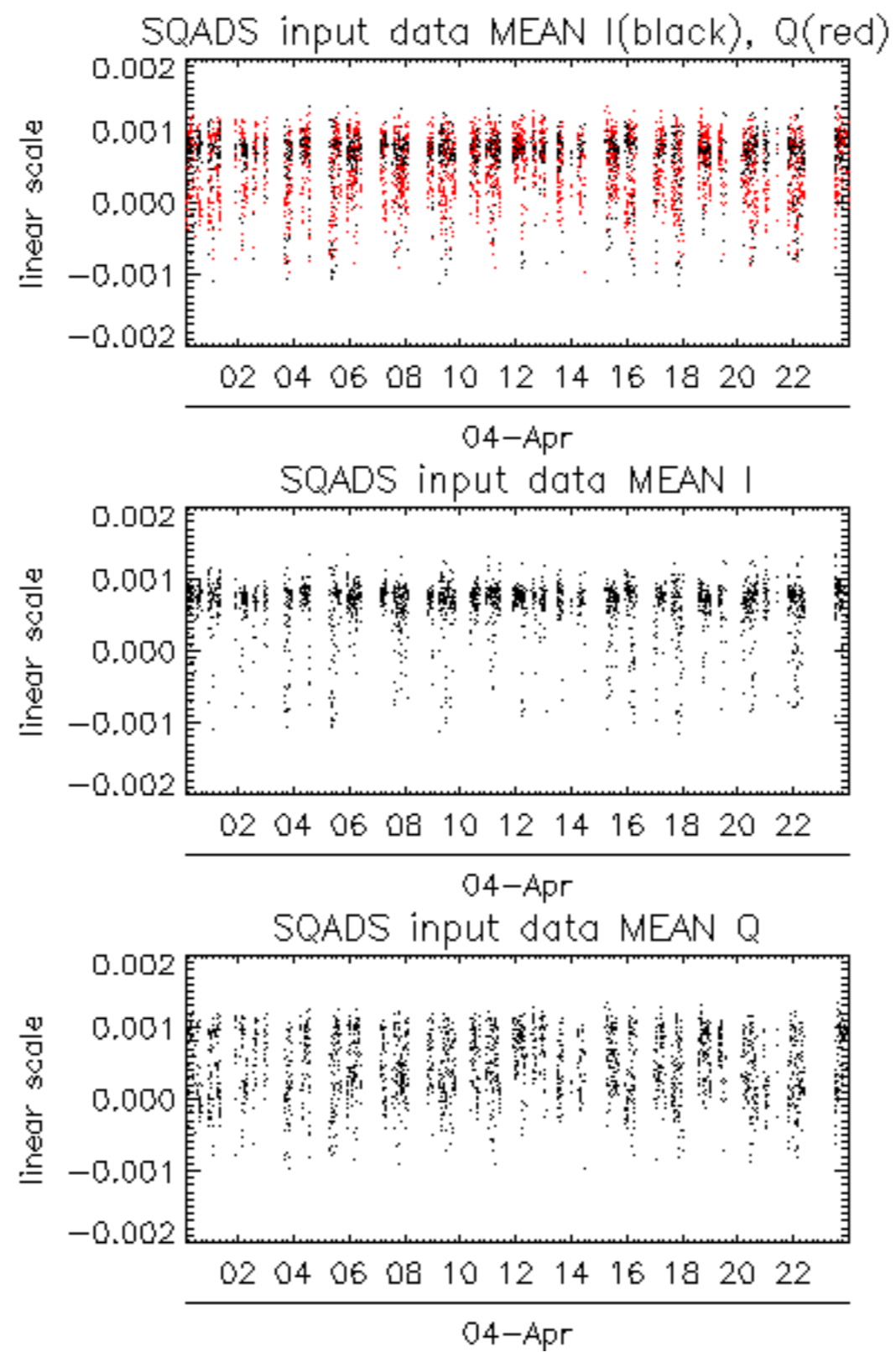


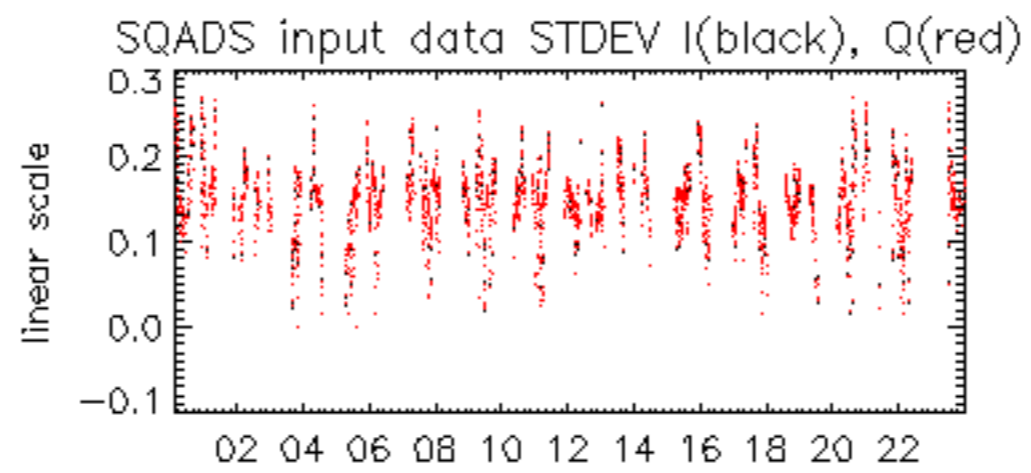
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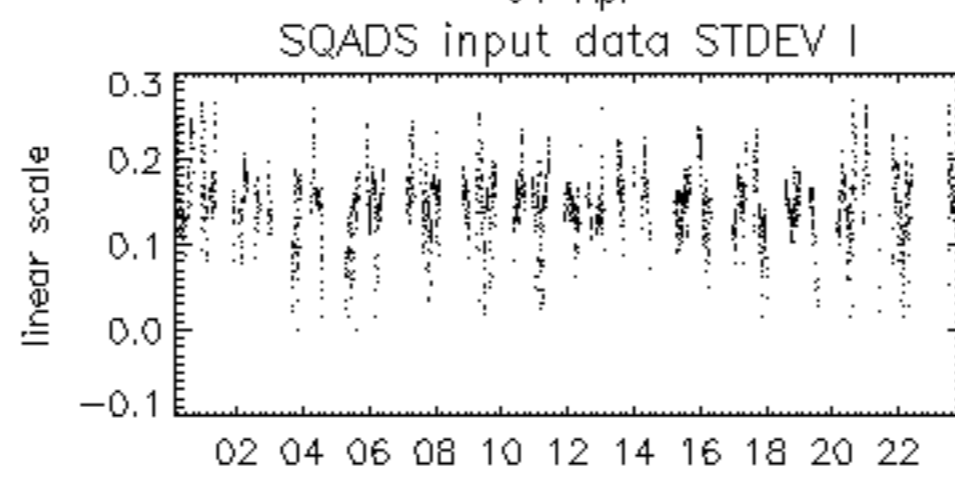
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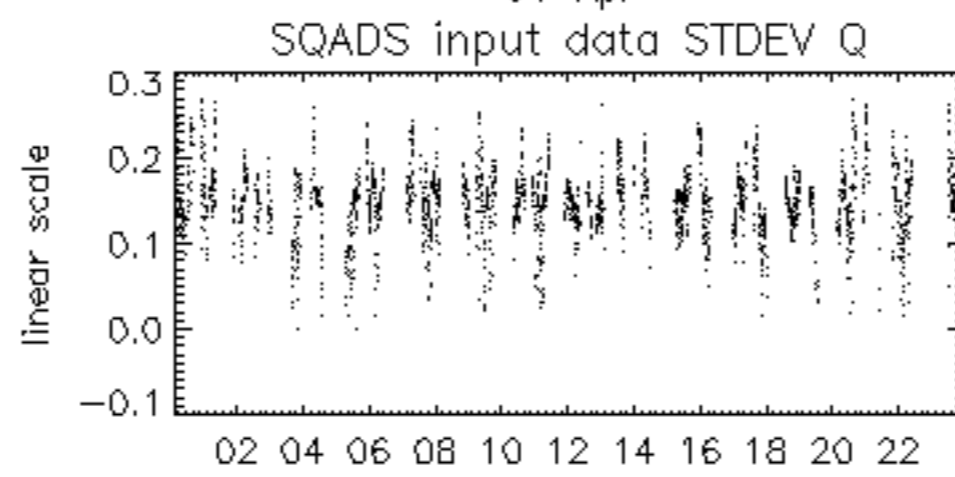




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