



Analysis from 19-MAR-2012 00:00:00 to 19-MAR-2012 23:59:59. Page generated on 20-MAR-2012 06:31:46.  
View log file: ASAR\_Daily\_Report\_20120320\_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

## SUMMARY

1. DATA SUMMARY
  - 1.1 Summary tables
  - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
  - 2.1 IECF operational ADFs list
  - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
  - 3.1 V/V polarisation
  - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
  - 4.1 Analysis for WVS IS2 V/V
    - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
    - 4.1.2 All Rows Analysis for WVS IS2 V/V
  - 4.2 Analysis for GM1 SS3 H/H
    - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
    - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
  - 5.1 Analysis for WVS IS2 V/V
    - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
    - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
  - 5.2 Analysis for GM1 SS1 H/H
    - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
    - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
  - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
  - 6.1 Analysis for WSM SS1 H/H
    - 6.1.1 ScaleFactor
  - 6.2 Analysis for WSM SS1 V/V
    - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
  - 7.1 Analysis for WVS
  - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
  - 8.1 Number of Missing Lines
  - 8.2 Number of Gaps

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ [BACK TO MENU](#) ]

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	28	PDE	IS1	V/H	5	PDE	IS1	V/V	1	PDE	WS	H/H	38	PDE	2012-03-19 05:26:01	H	320
PDE	IS2	V/V	28	PDK	WS	H/H	41	PDE	IS1	V/V	1	PDE	IS2	V/V	2	PDE	WS	V/V	7	PDK	2012-03-19 07:06:15	V	320
PDK	IS2	V/V	24					PDE	IS2	H/V	1	PDE	IS6	H/H	5	PDK	WS	H/H	14				
								PDE	IS2	V/H	1	PDE	IS6	V/V	1								
								PDE	IS4	H/H	1	PDK	IS4	H/H	1								
								PDE	IS4	H/V	1	PDK	IS6	H/H	2								
								PDE	IS4	V/H	1												
								PDE	IS7	H/H	1												

## 1.2 - Lists of products used

[ [BACK TO MENU](#) ]

[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

[ [BACK TO MENU](#) ]

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

[ [BACK TO MENU](#) ]

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](#)

### 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE										PREVIOUS PRODUCT REFERENCE									
Pre-launch reference (2001-02-09)										Previous product in the same polarisation									
Reference: 2001-02-09 14:08:23 V Test : 2012-03-19 07:06:15 V										Reference: 2012-03-18 07:42:59 V Test : 2012-03-19 07:06:15 V									
RxGain										RxGain									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4
RxPhase										RxPhase									
Reference: 2001-02-09 14:08:23 V Test : 2012-03-19 07:06:15 V										Reference: 2012-03-18 07:42:59 V Test : 2012-03-19 07:06:15 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4

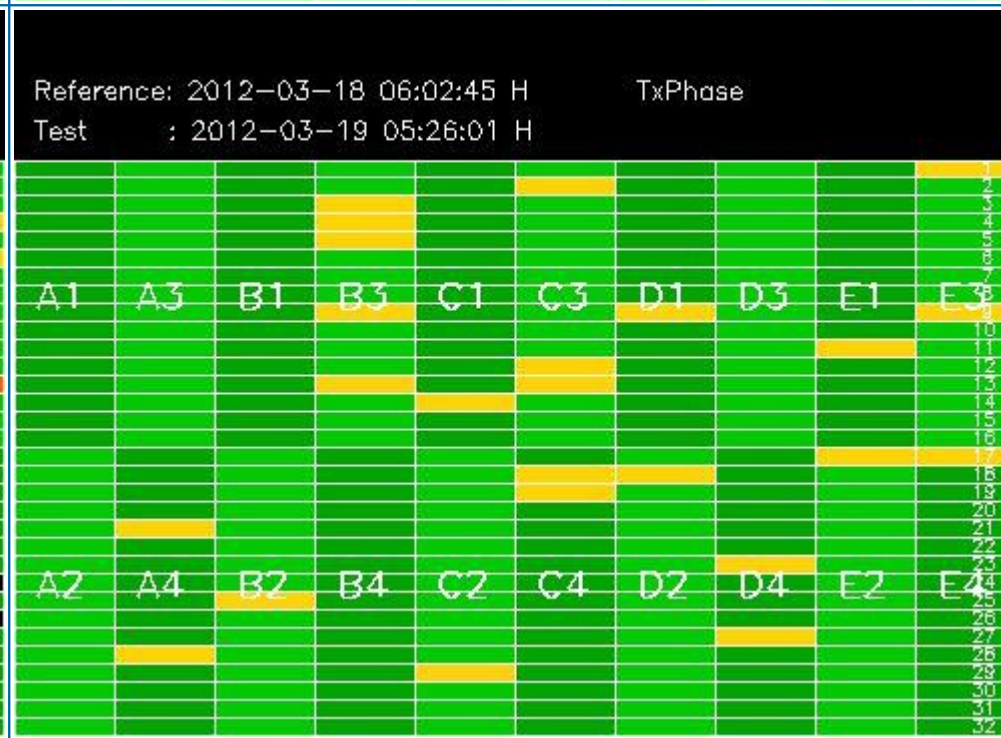
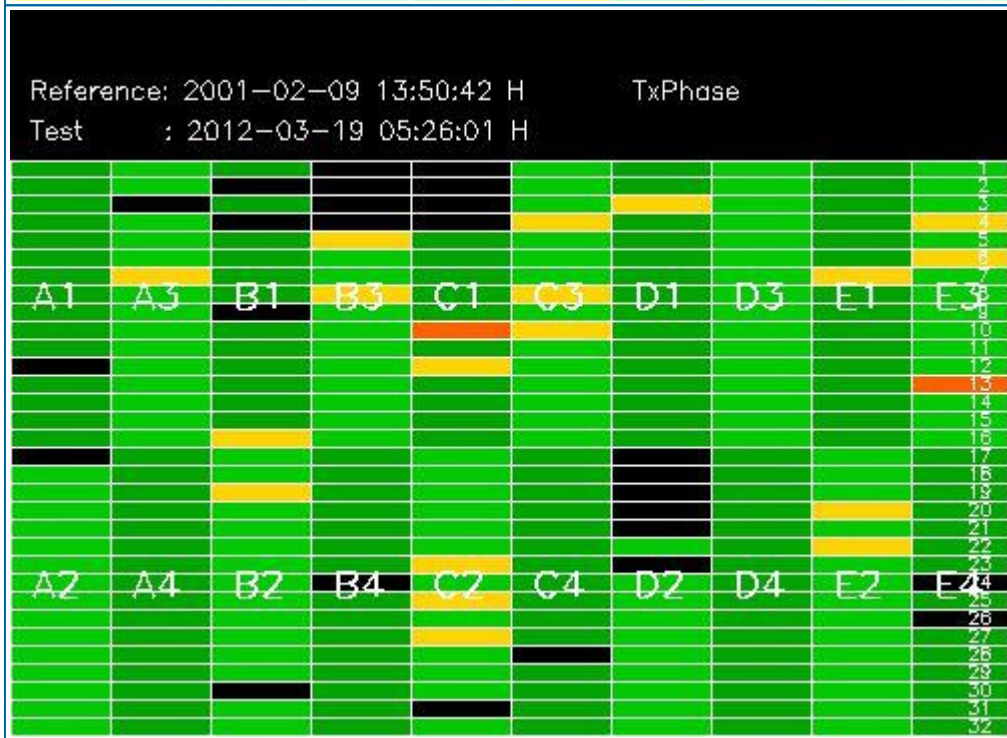
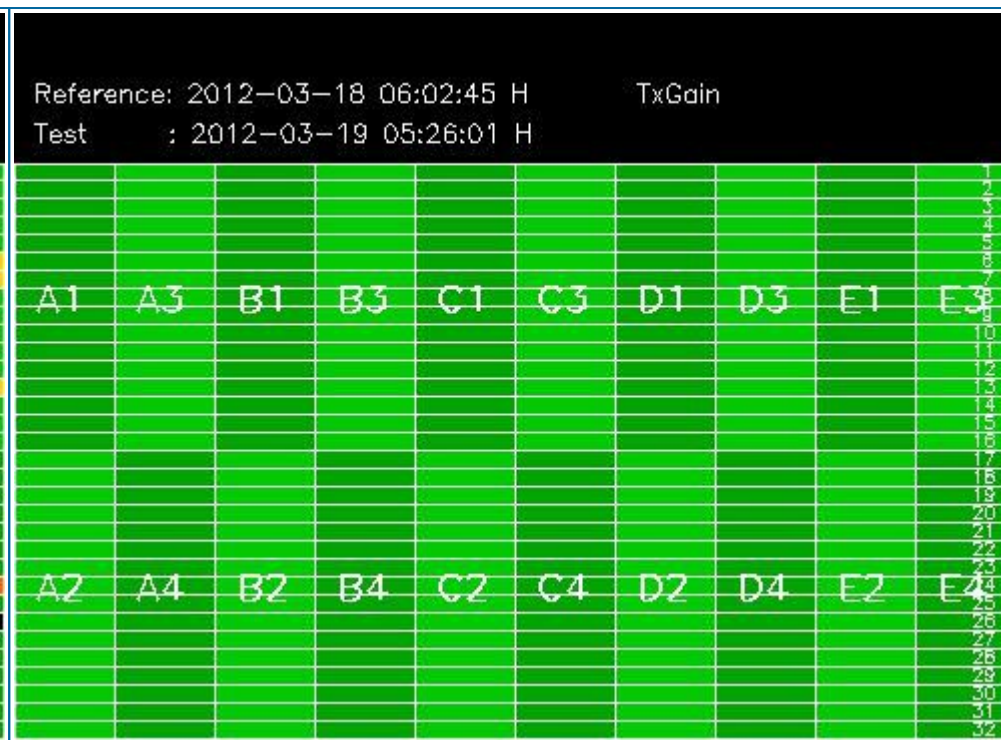
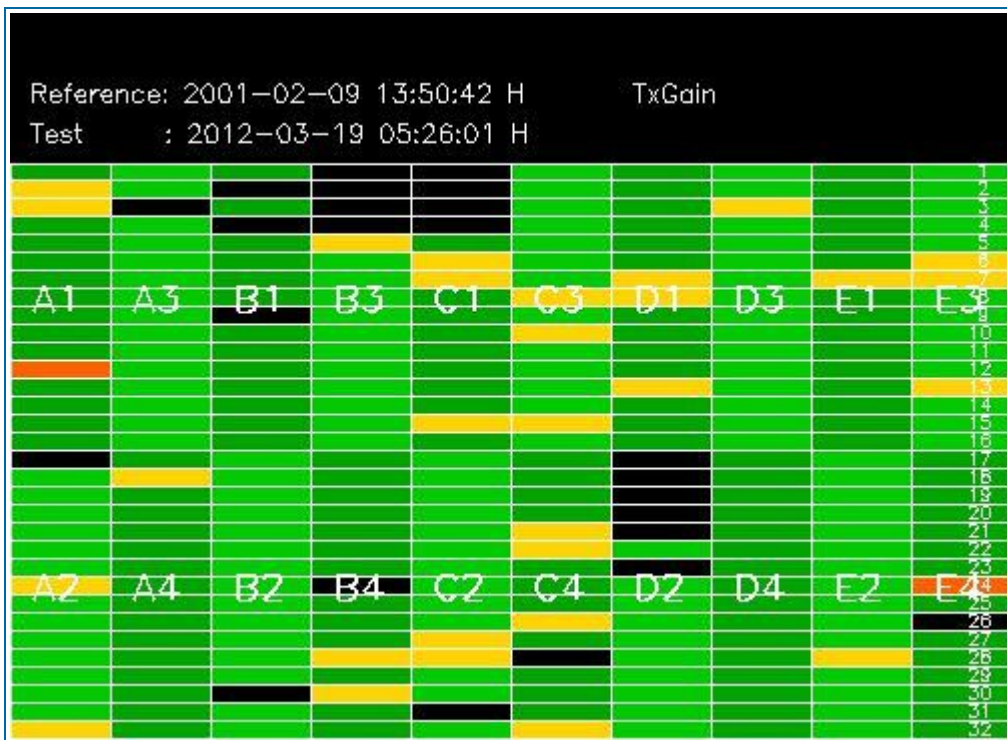


### 3.2 - H/H polarisation

[ [BACK TO MENU](#) ]

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

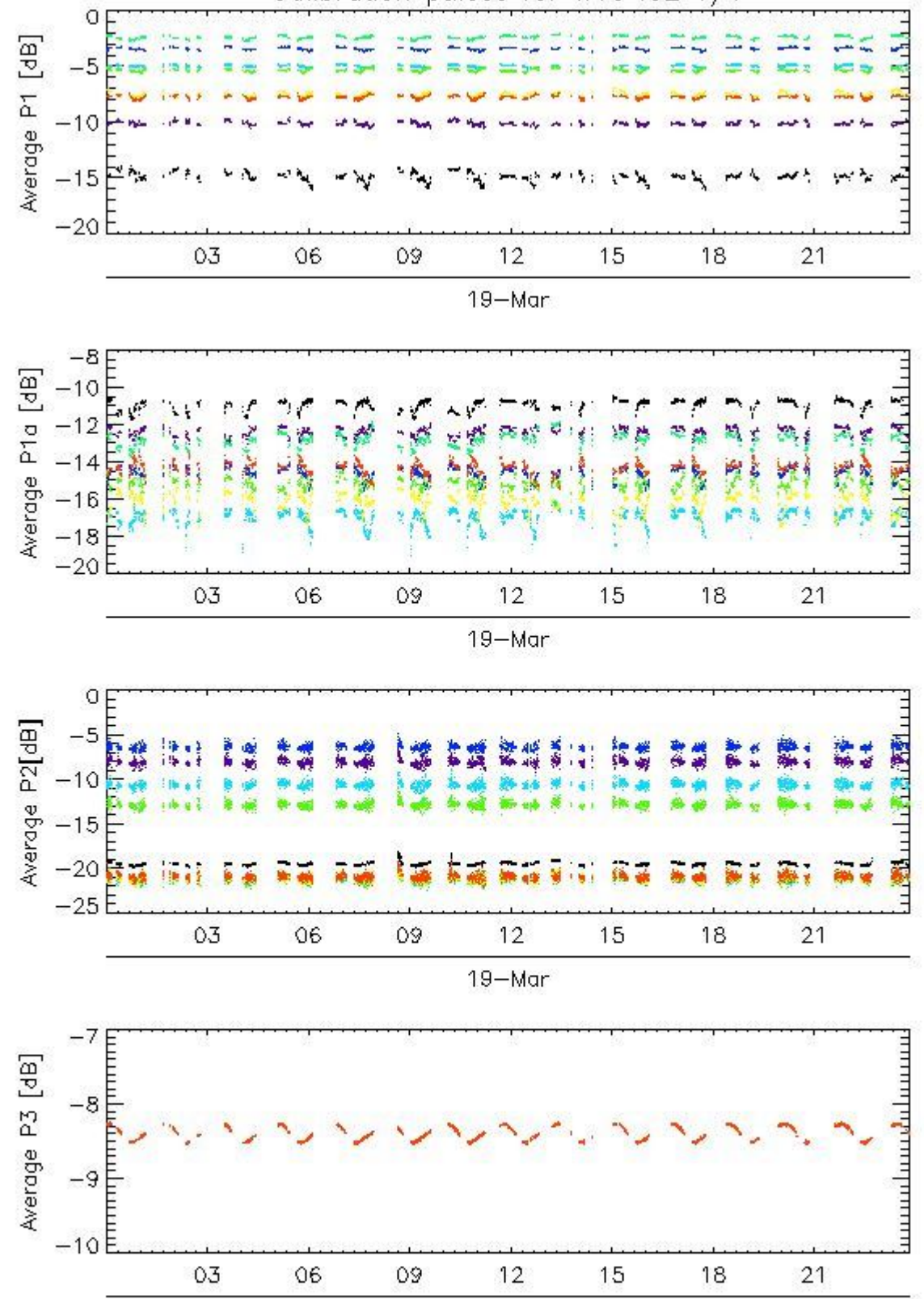
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

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

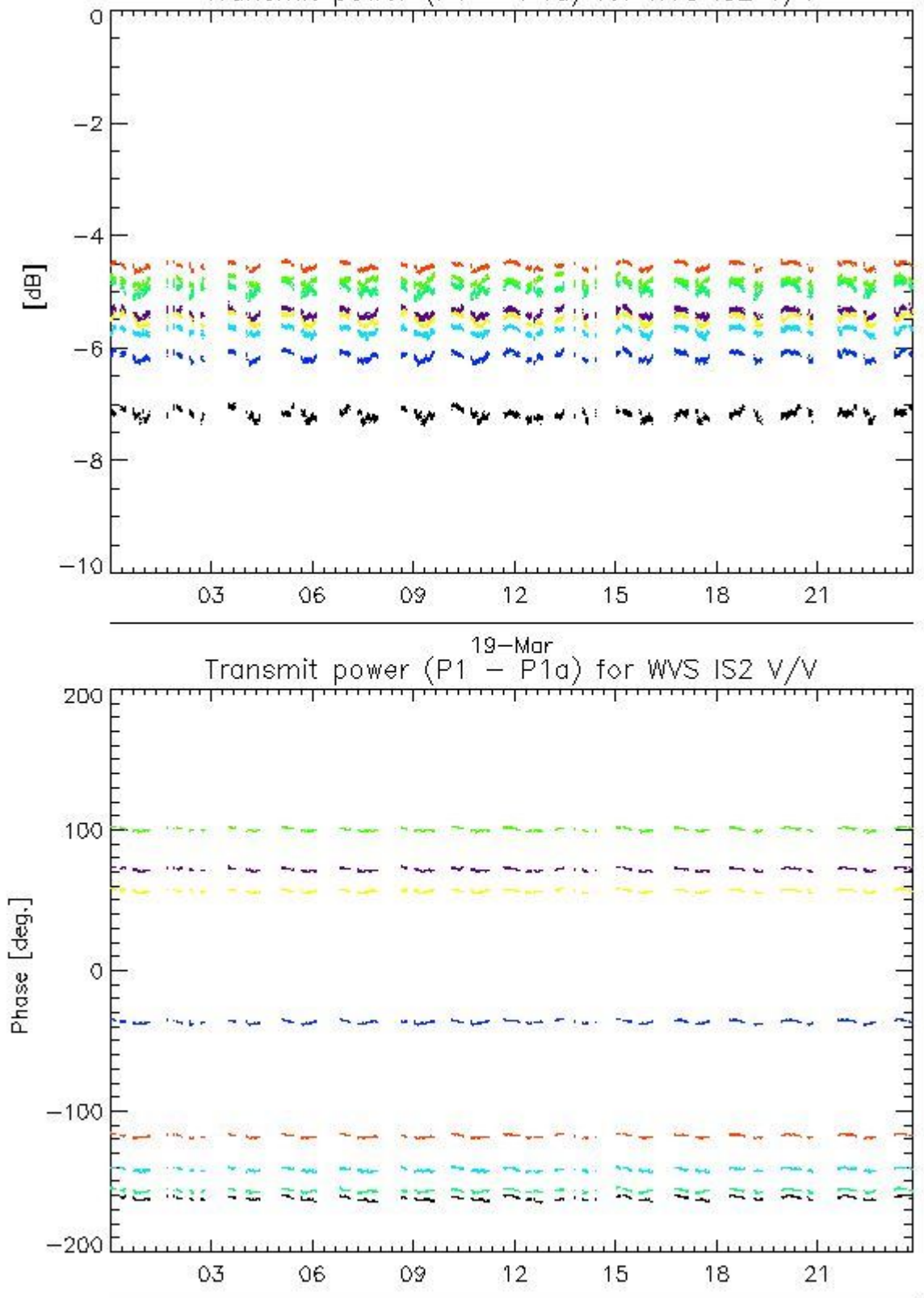
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V



rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

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

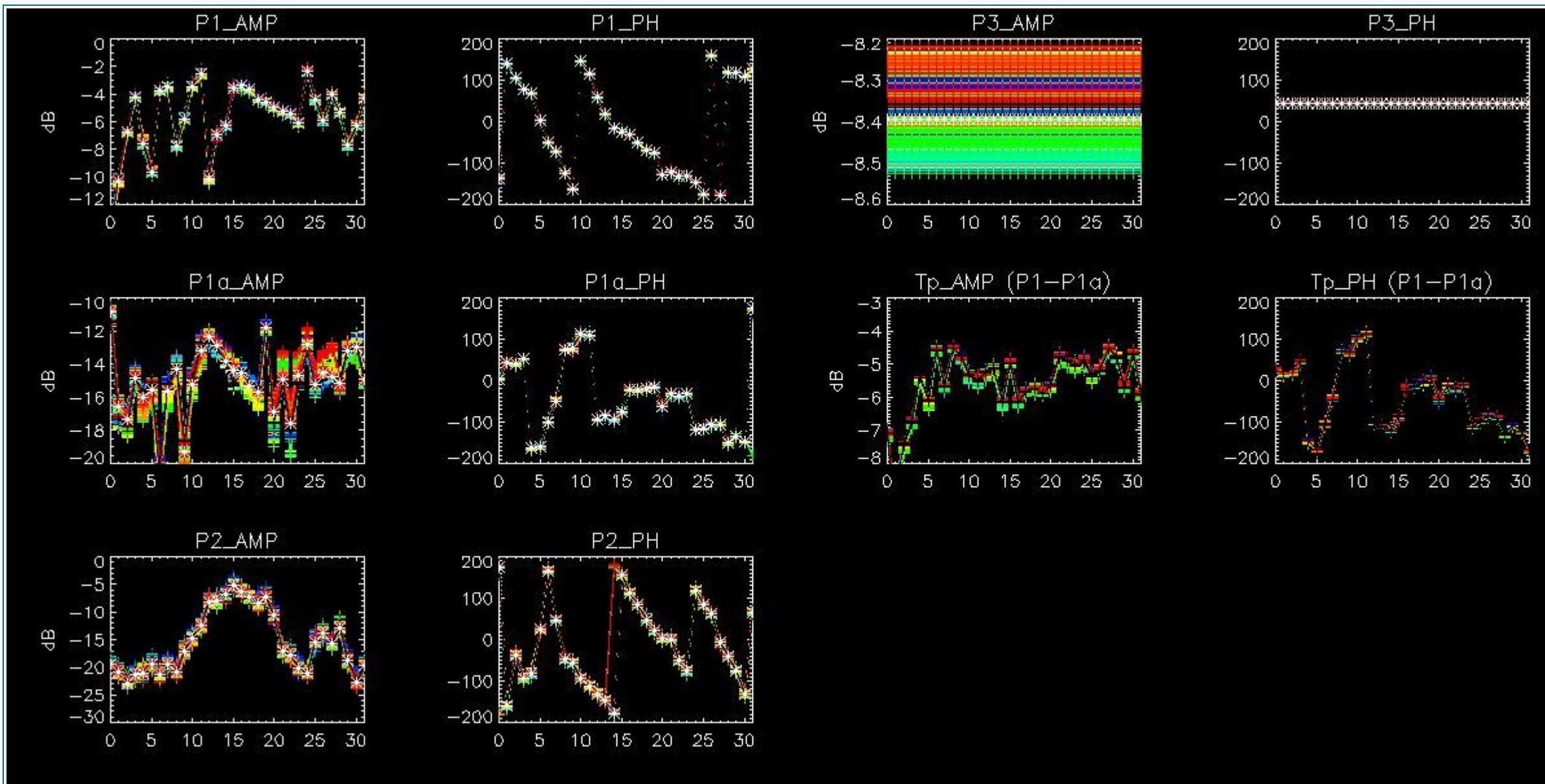


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

4.1.2 - All Rows Analysis for WVS IS2 V/V

[ BACK TO MENU ]





## 4.2 - Analysis for GM1 SS3 H/H

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

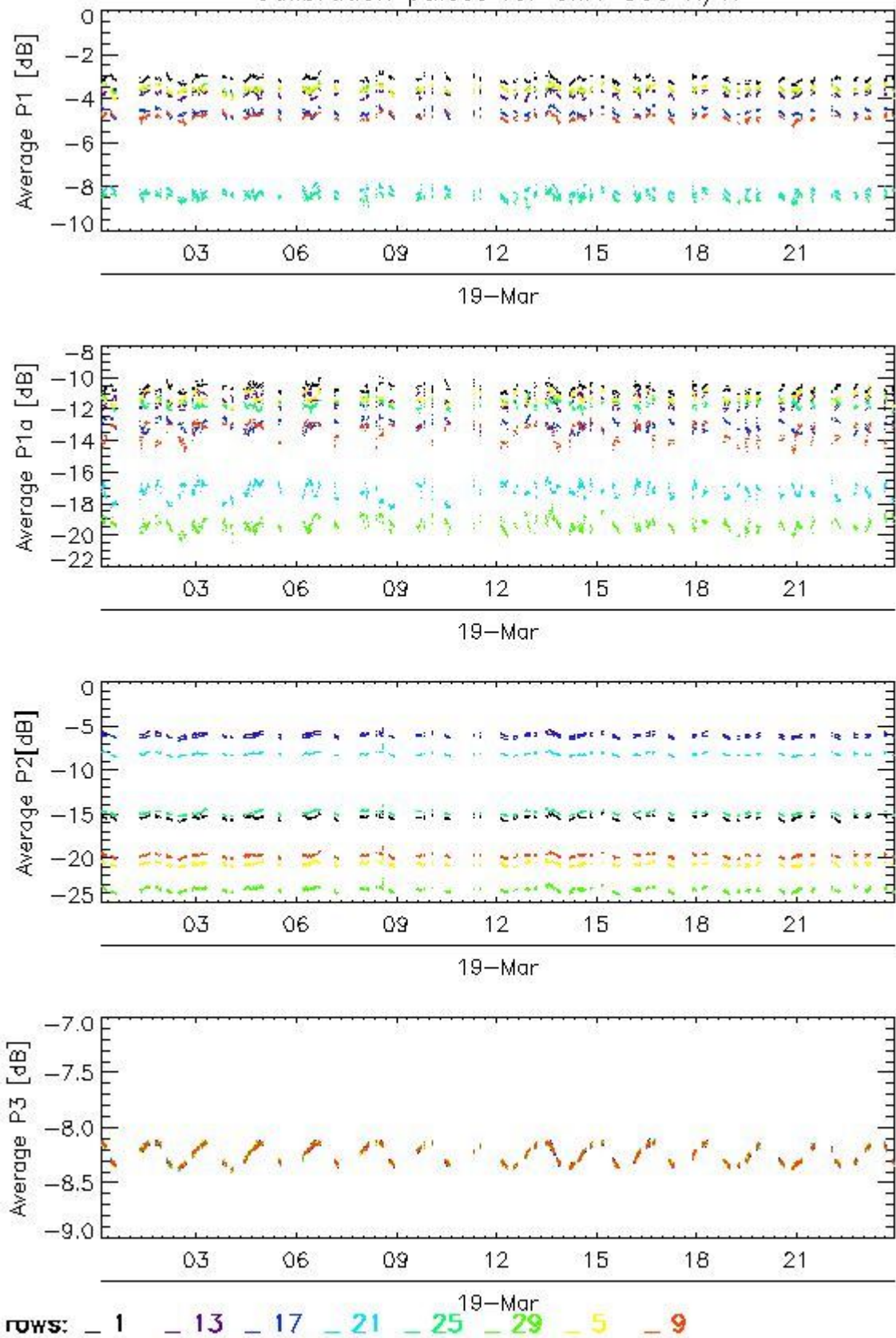
[ BACK TO MENU ]

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

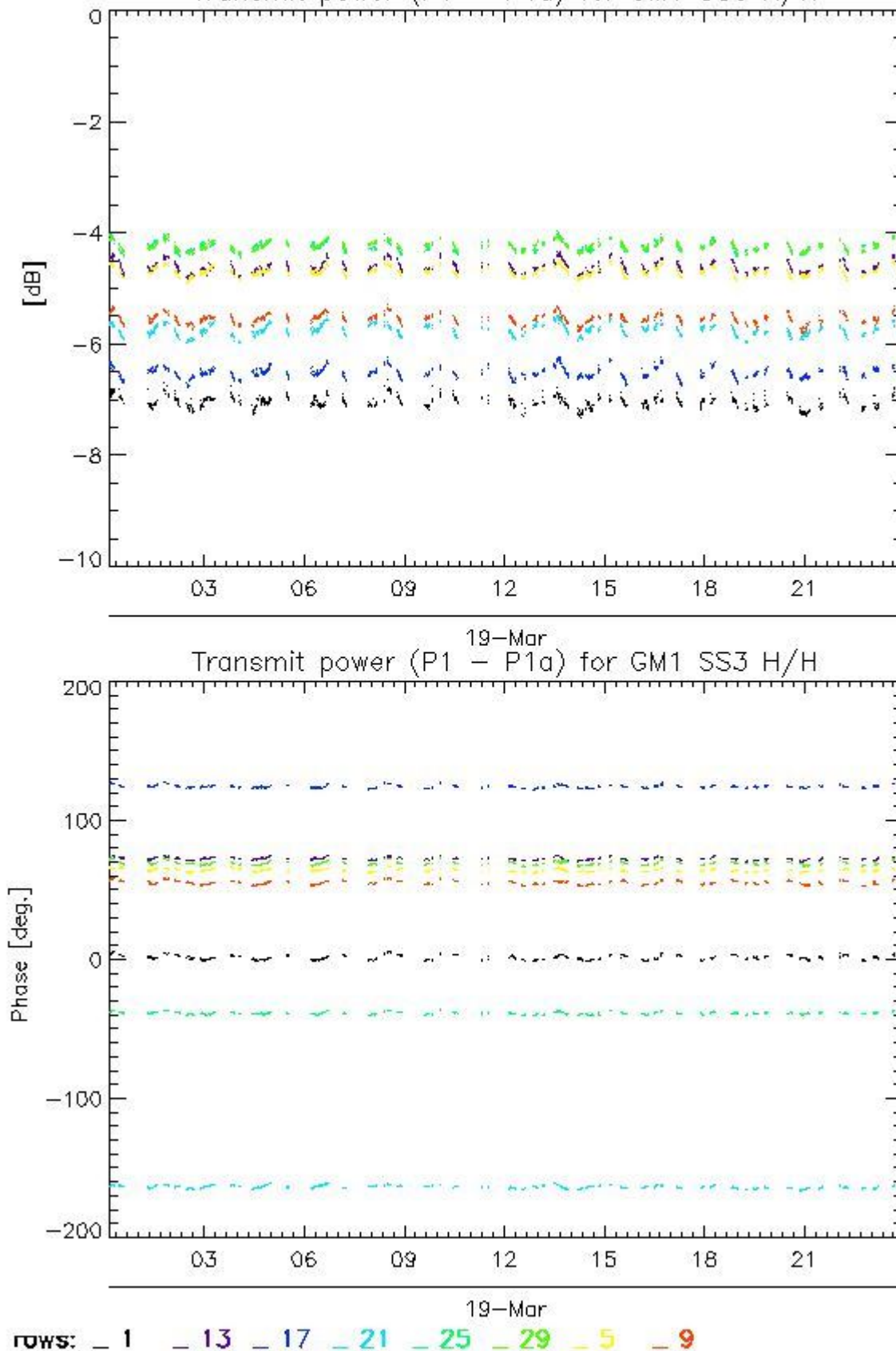
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



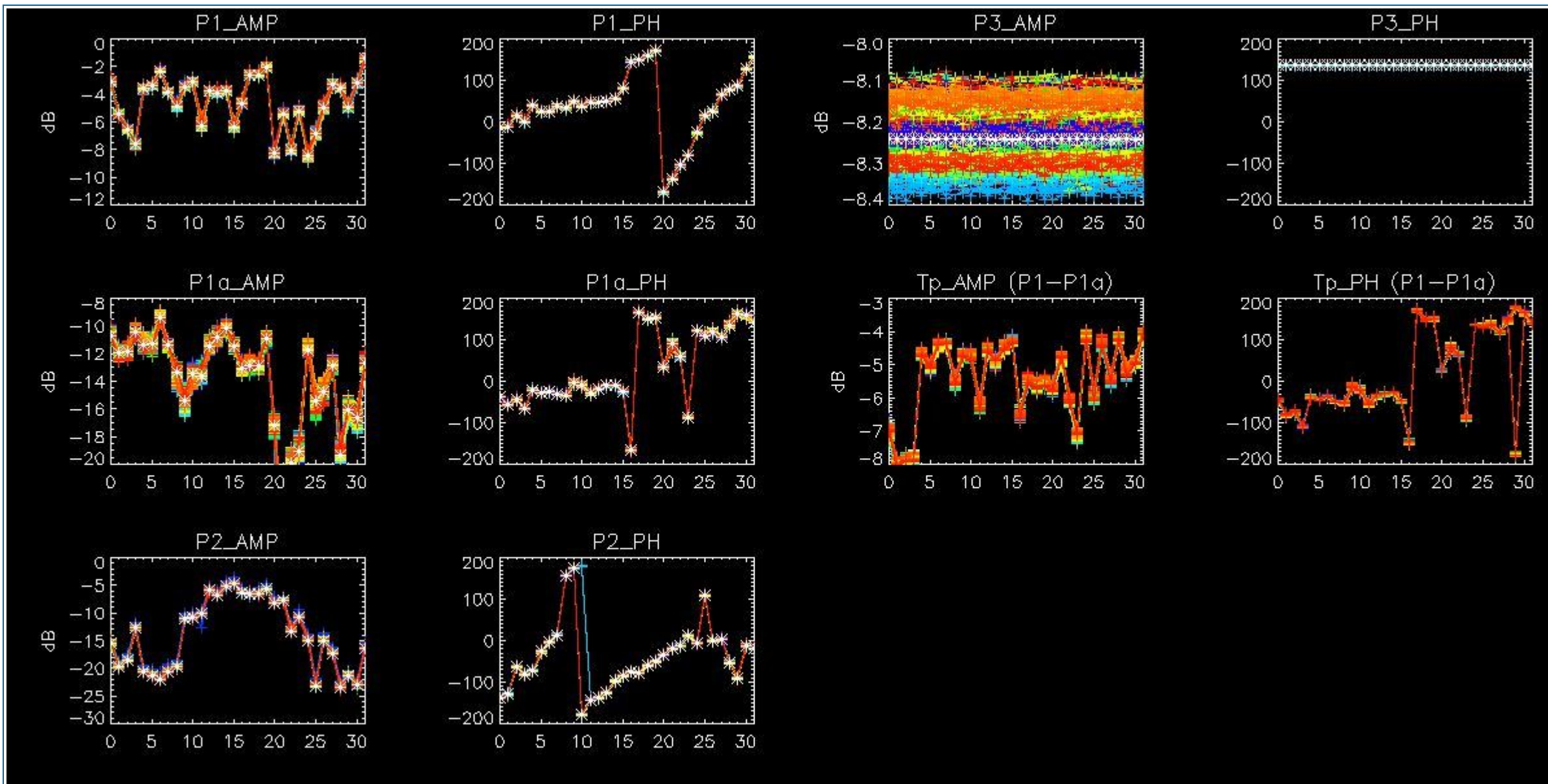
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ BACK TO MENU ]





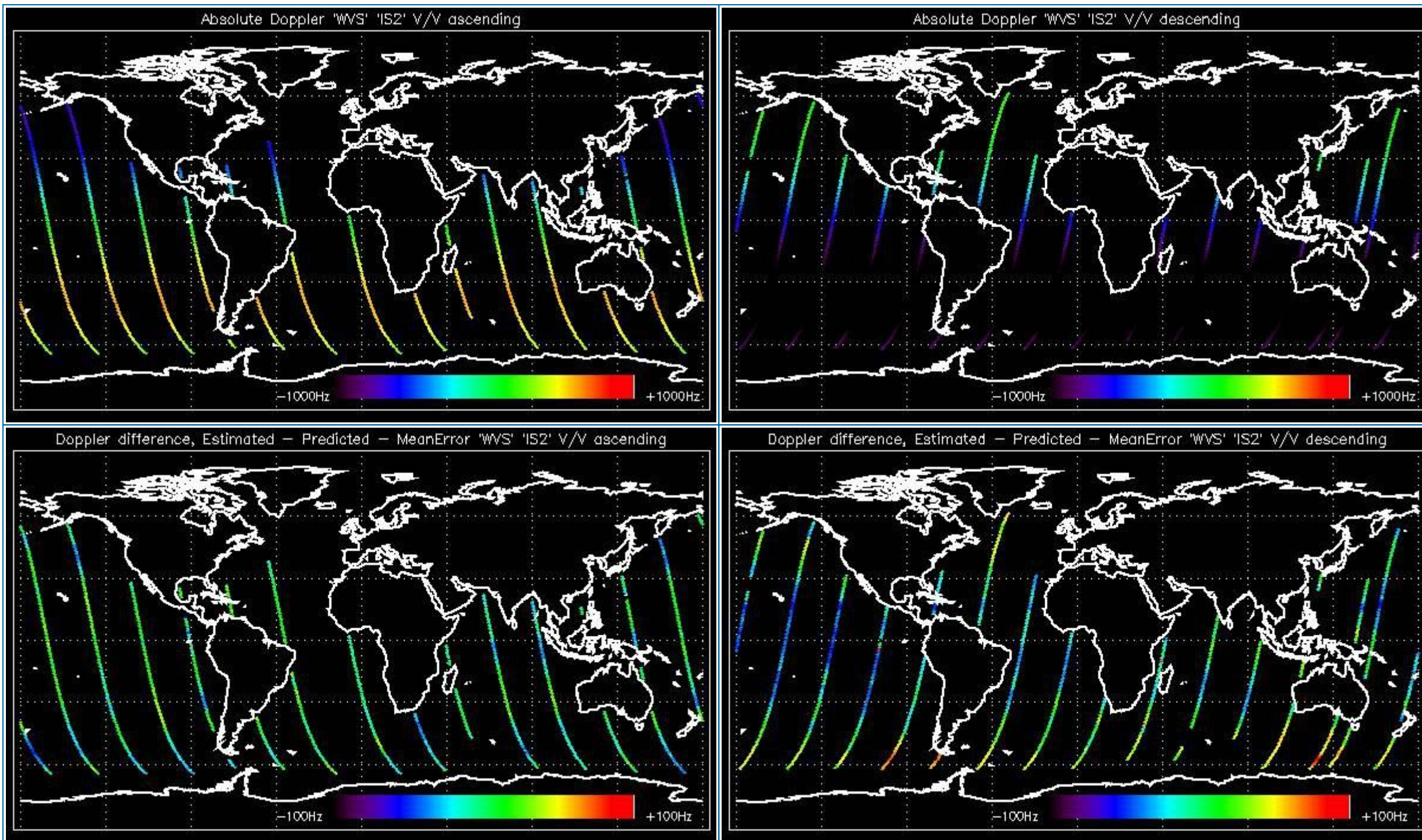
## 5 - DOPPLER ANALYSIS

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

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

[ [BACK TO MENU](#) ]

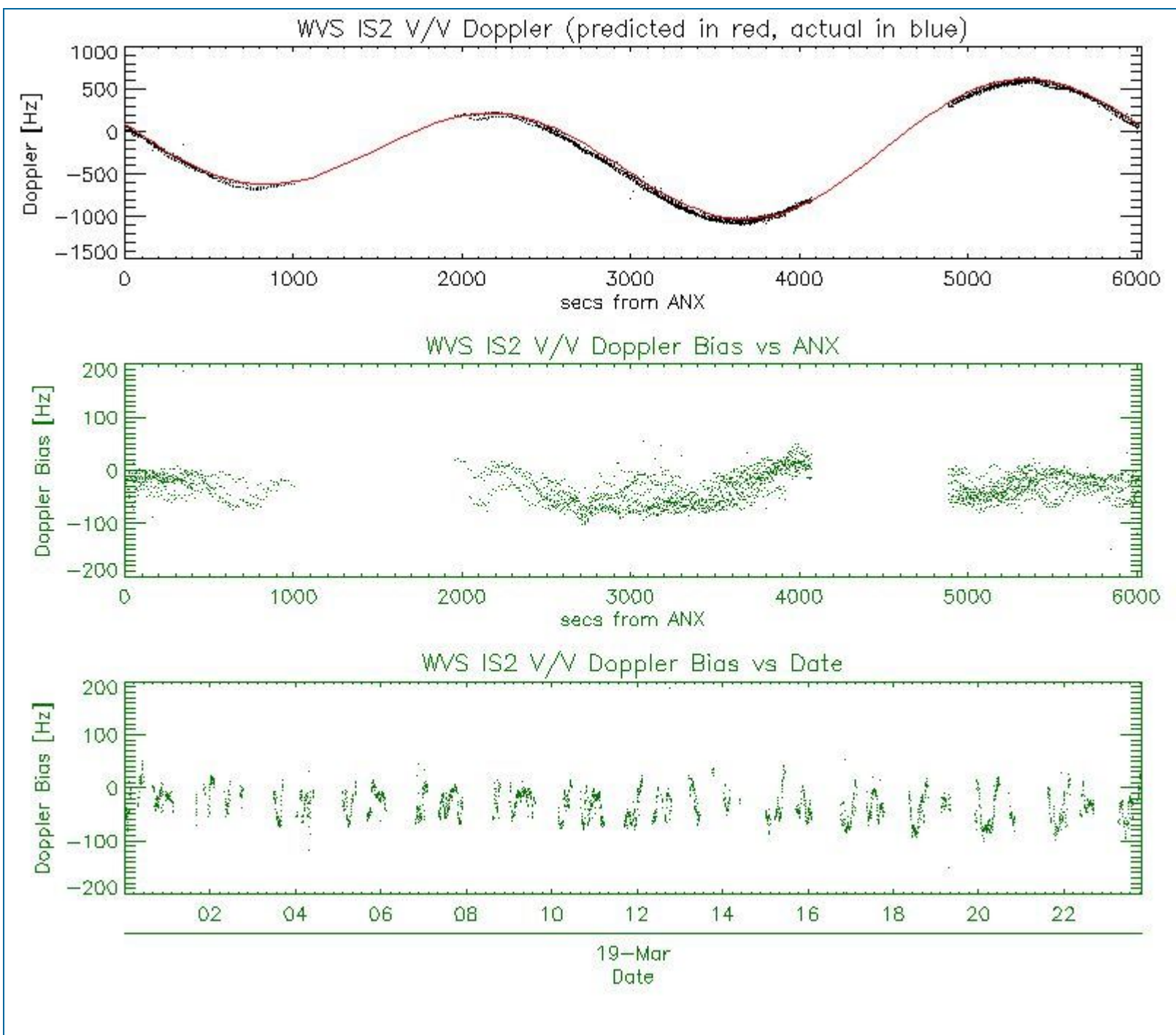




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]

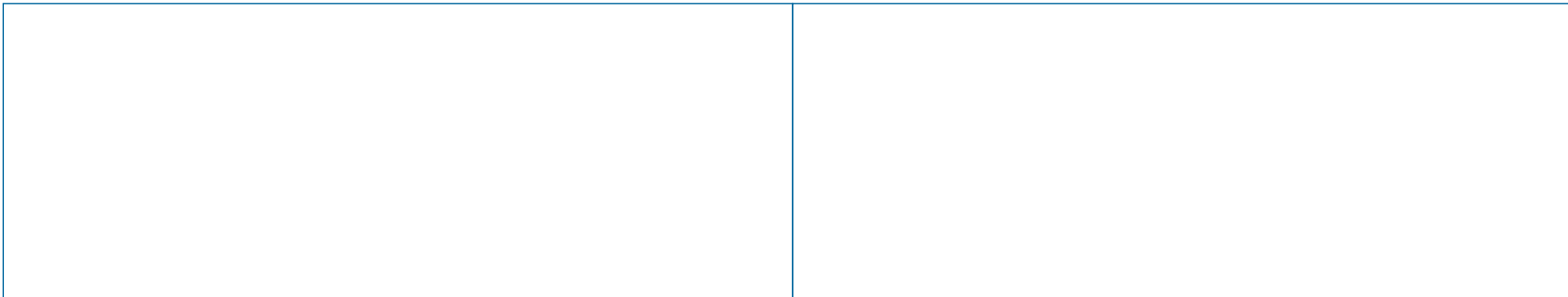


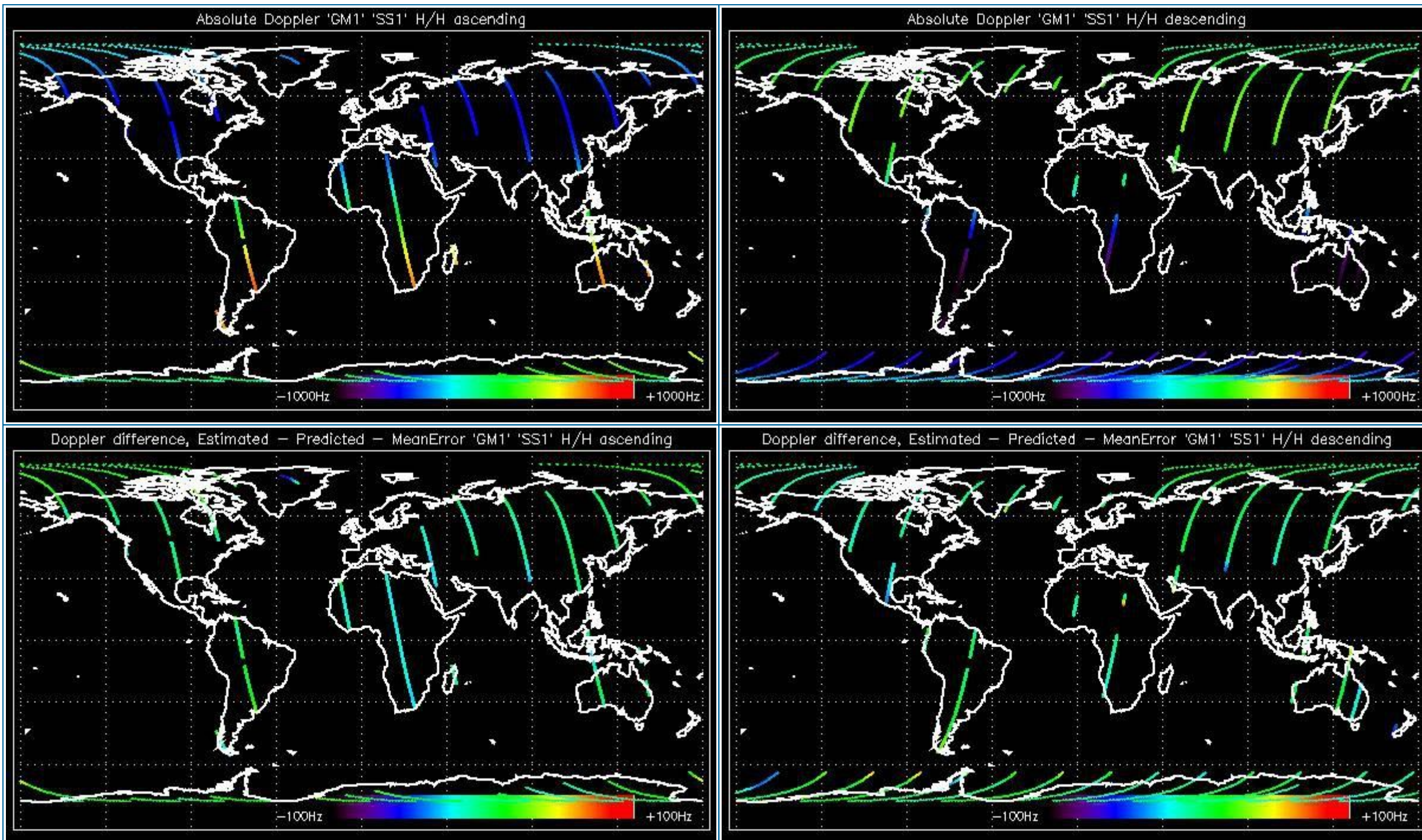


## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]

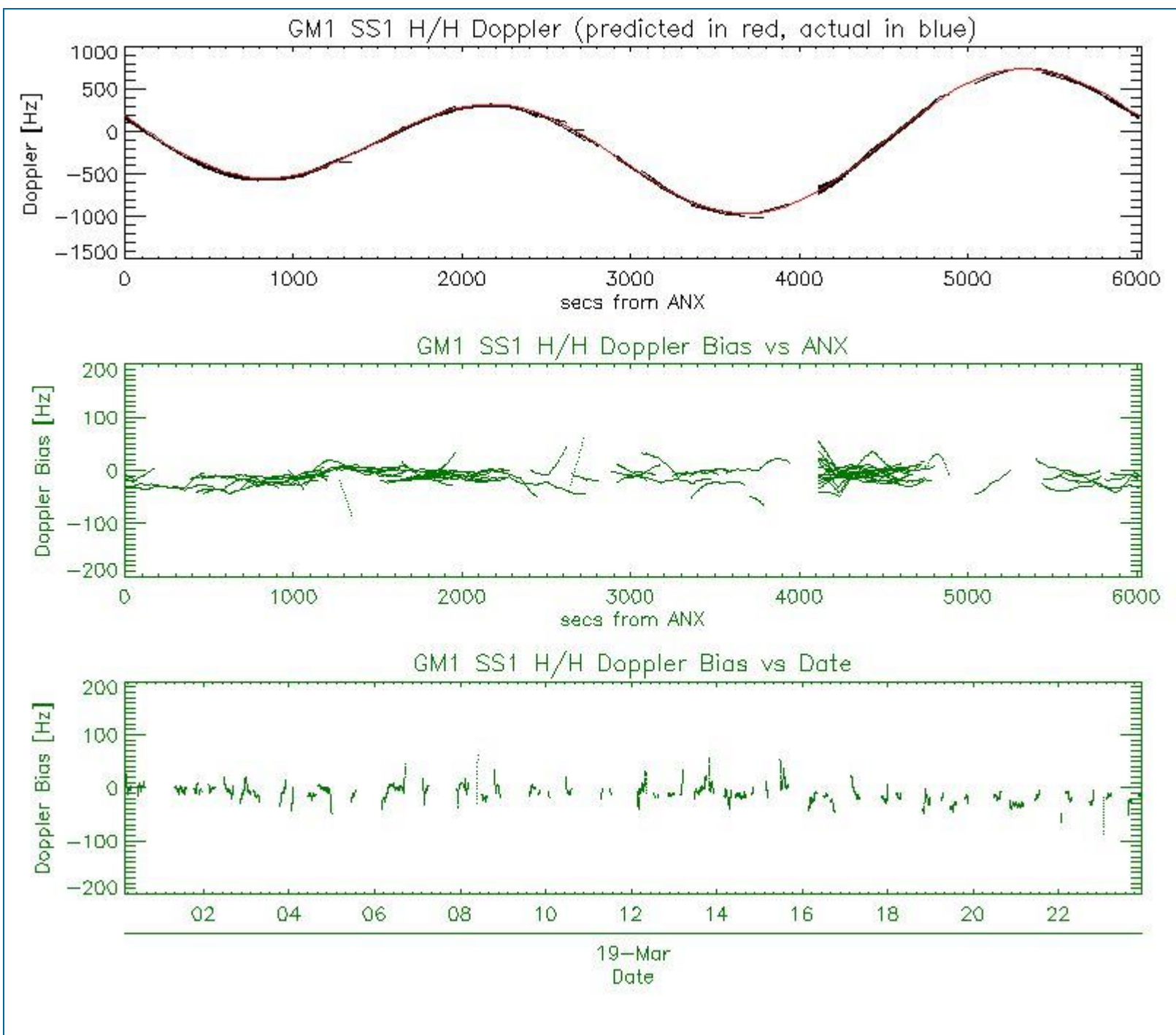




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

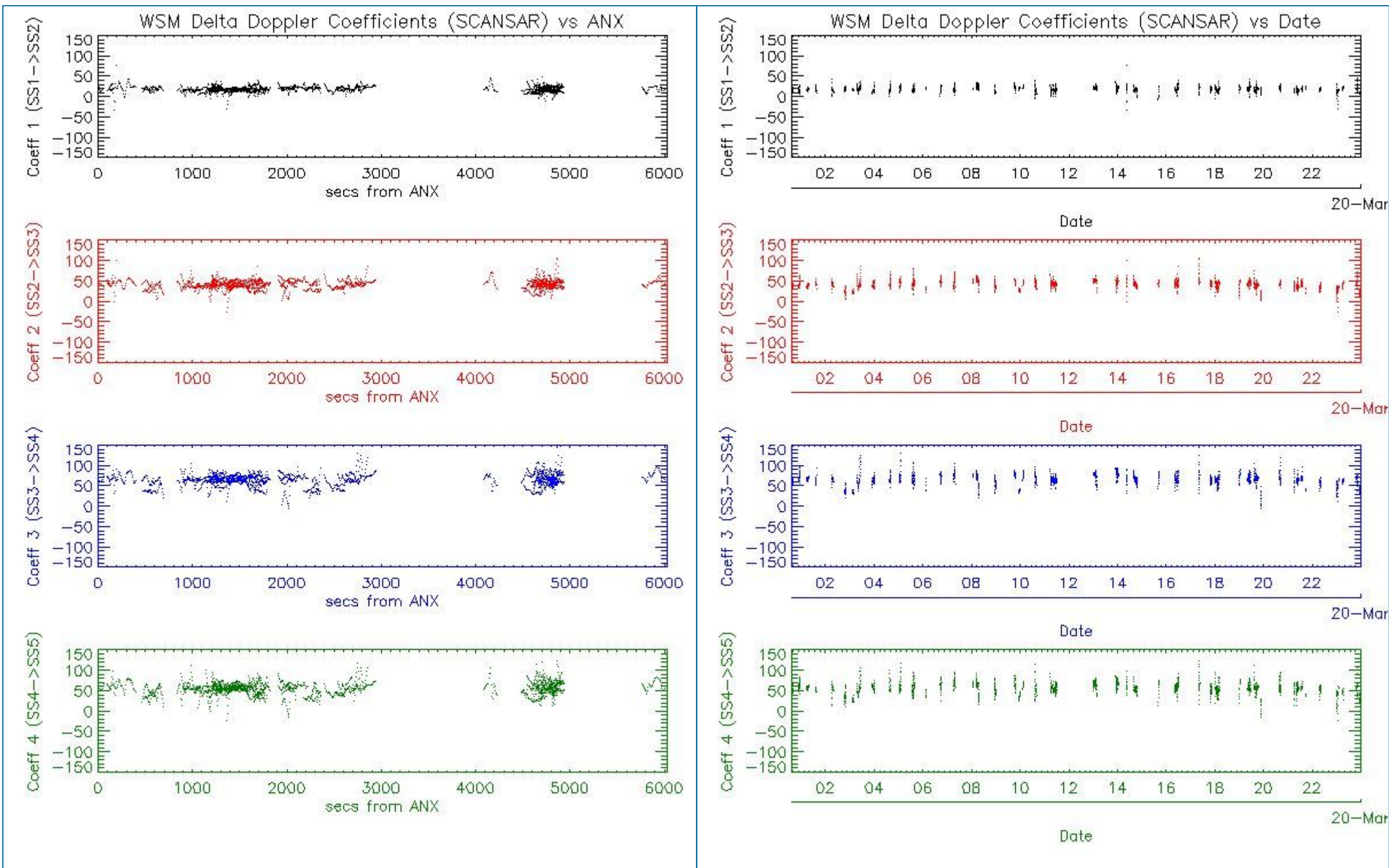




### 5.3 - Doppler JUMPS Analysis for WSM

[ [BACK TO MENU](#) ]





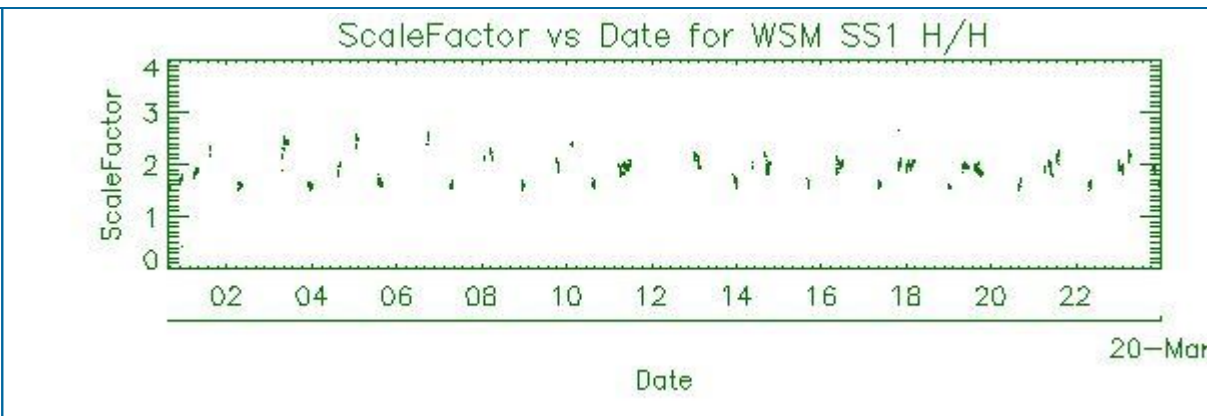
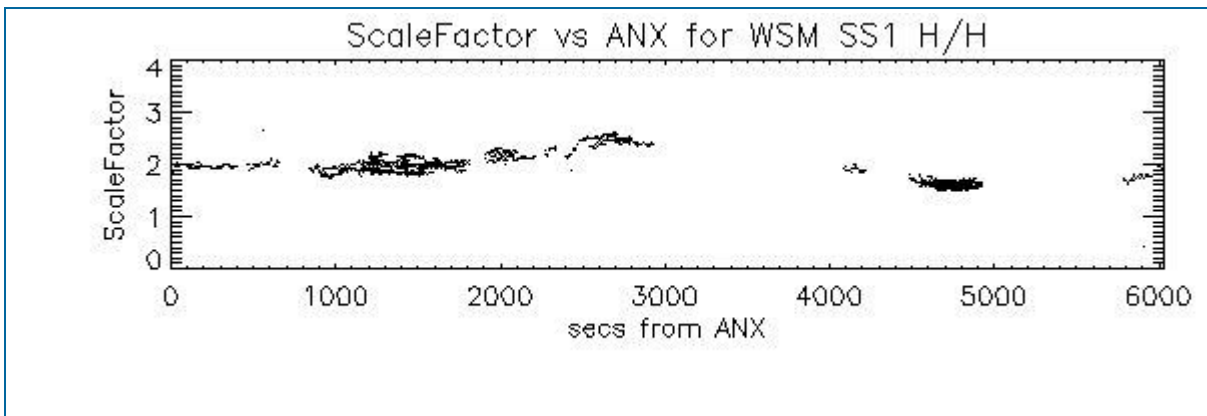
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ BACK TO MENU ]

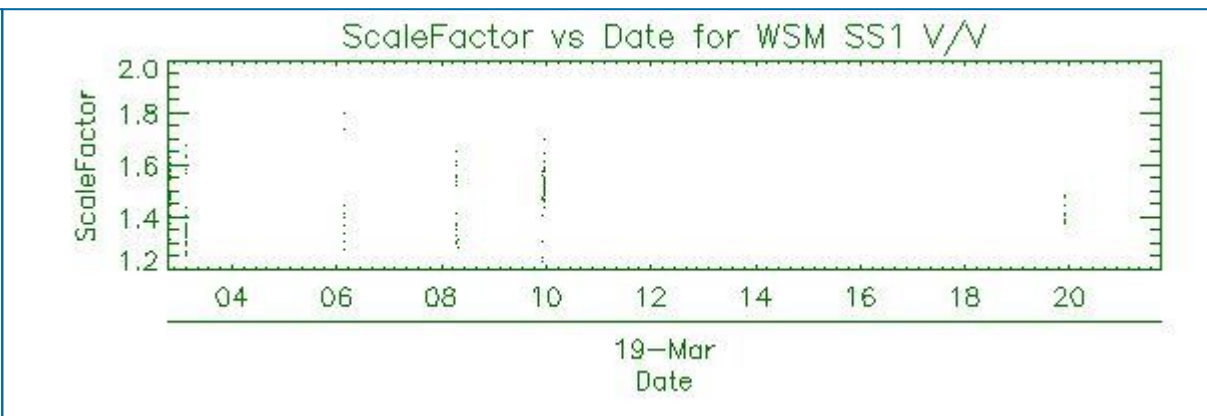
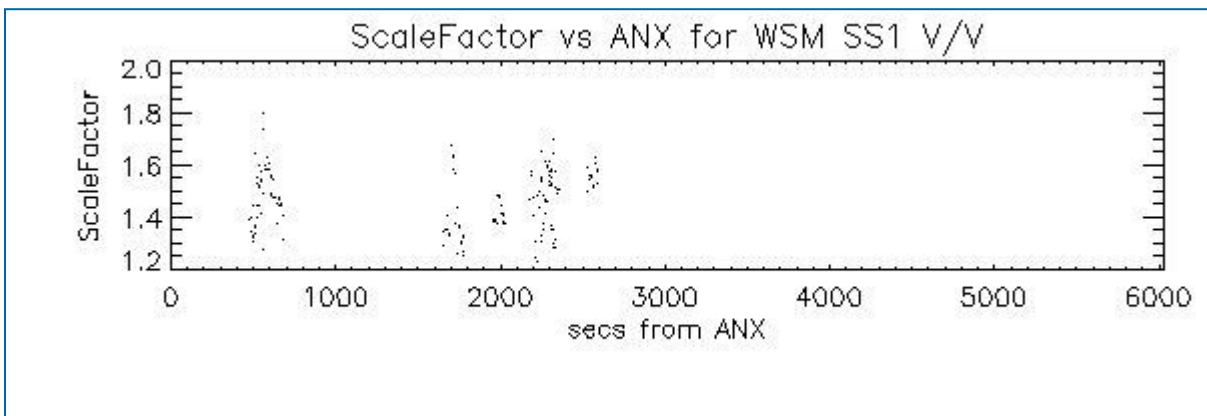




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



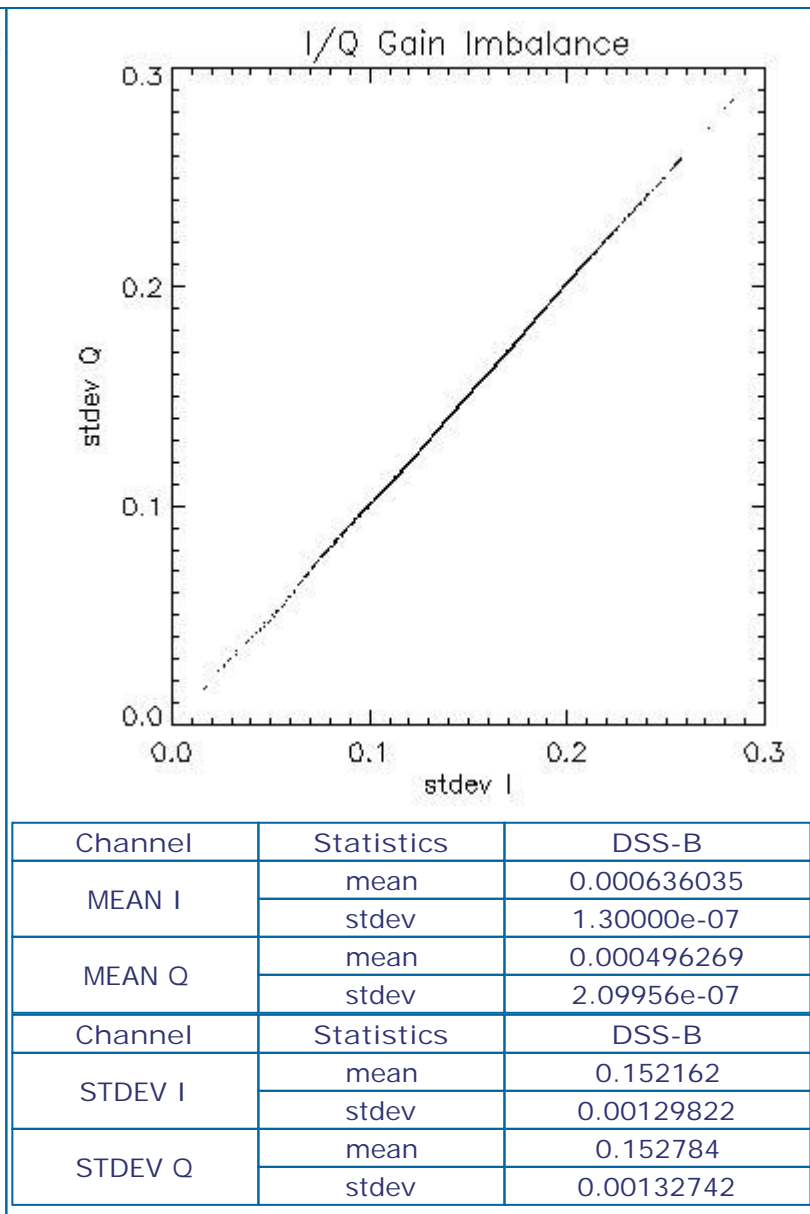
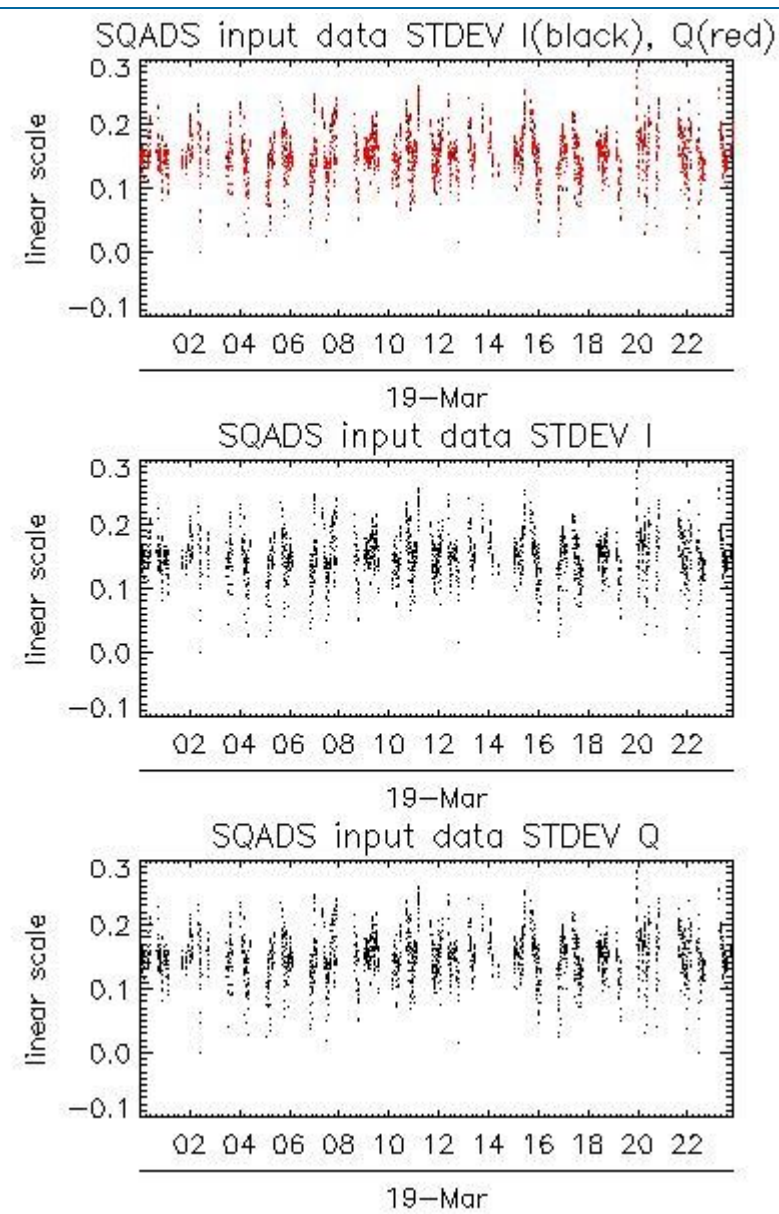
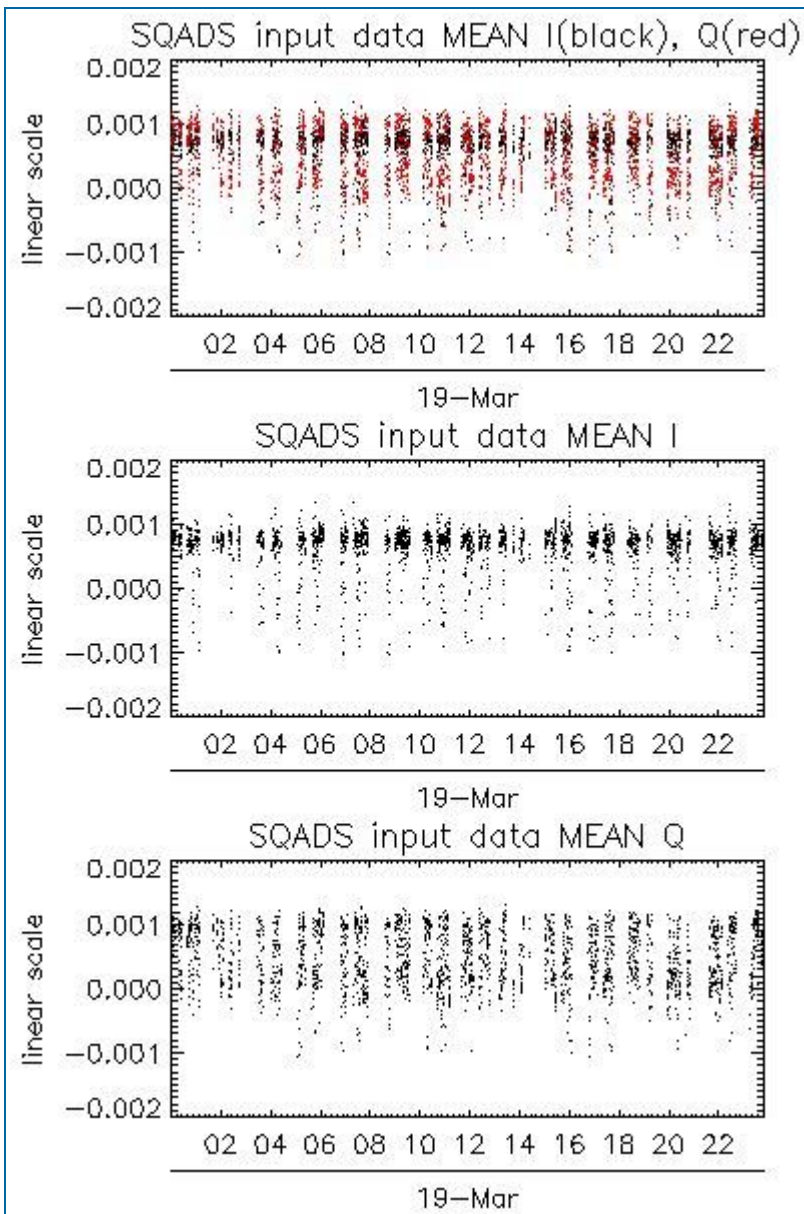
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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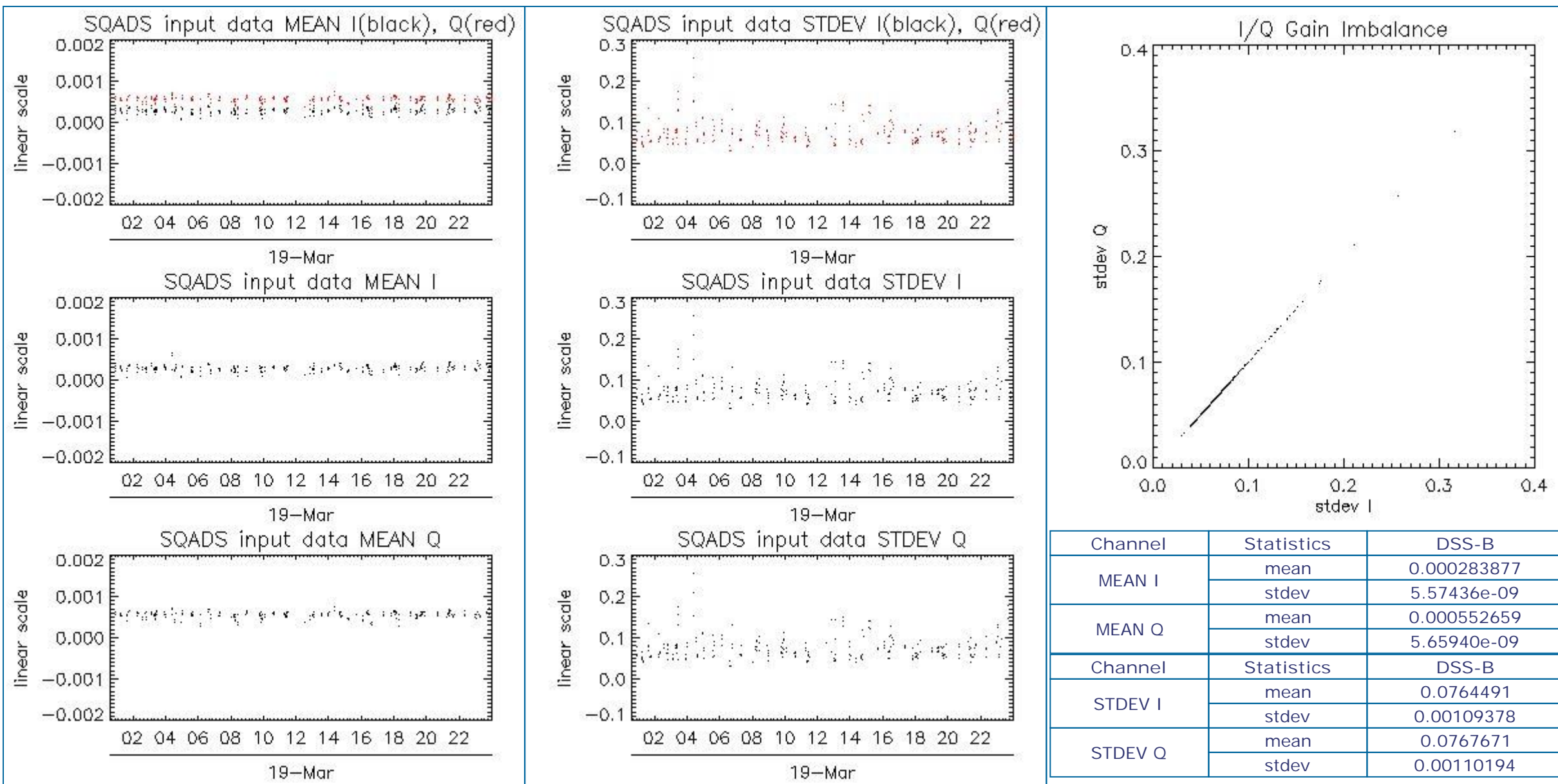




## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]

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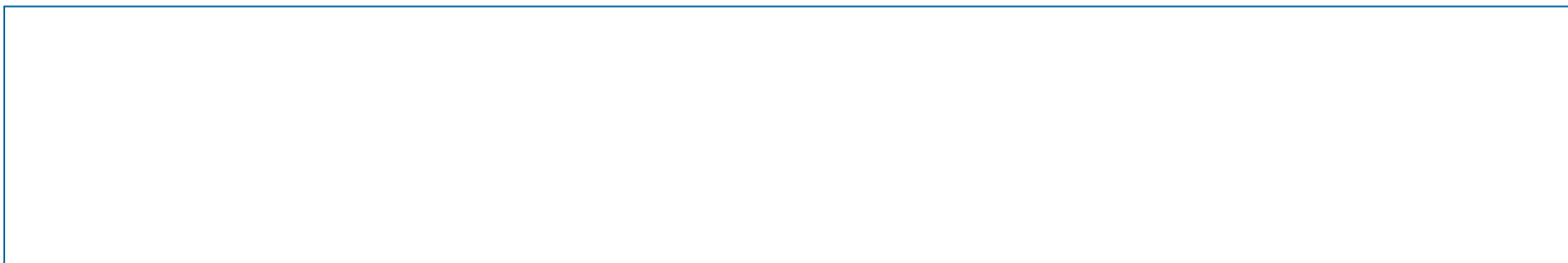


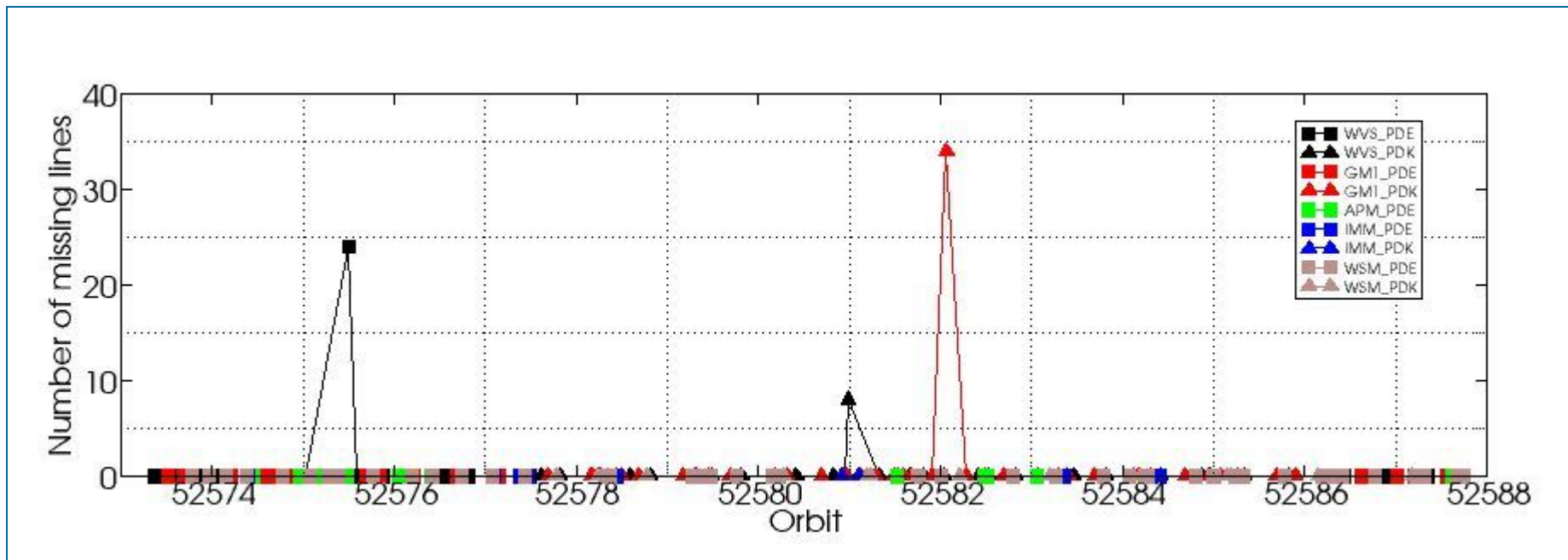
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120319_003943_000004203112_00404_52573_3843.N1	1	0
PDE	ASA_WVS_1PNPDE20120319_032859_000005243112_00406_52575_3893.N1	0	24
PDE	ASA_WVS_1PNPDE20120319_050537_000008393112_00407_52576_3938.N1	1	0
PDE	ASA_WVS_1PNPDE20120319_064857_000007043112_00408_52577_3984.N1	1	0
PDK	ASA_WVS_1PNPDK20120319_123854_000005743112_00411_52580_0882.N1	0	8
PDK	ASA_GM1_1PNPDK20120319_142649_000008163112_00413_52582_0912.N1	0	34

### 8.1 - Number of Missing lines

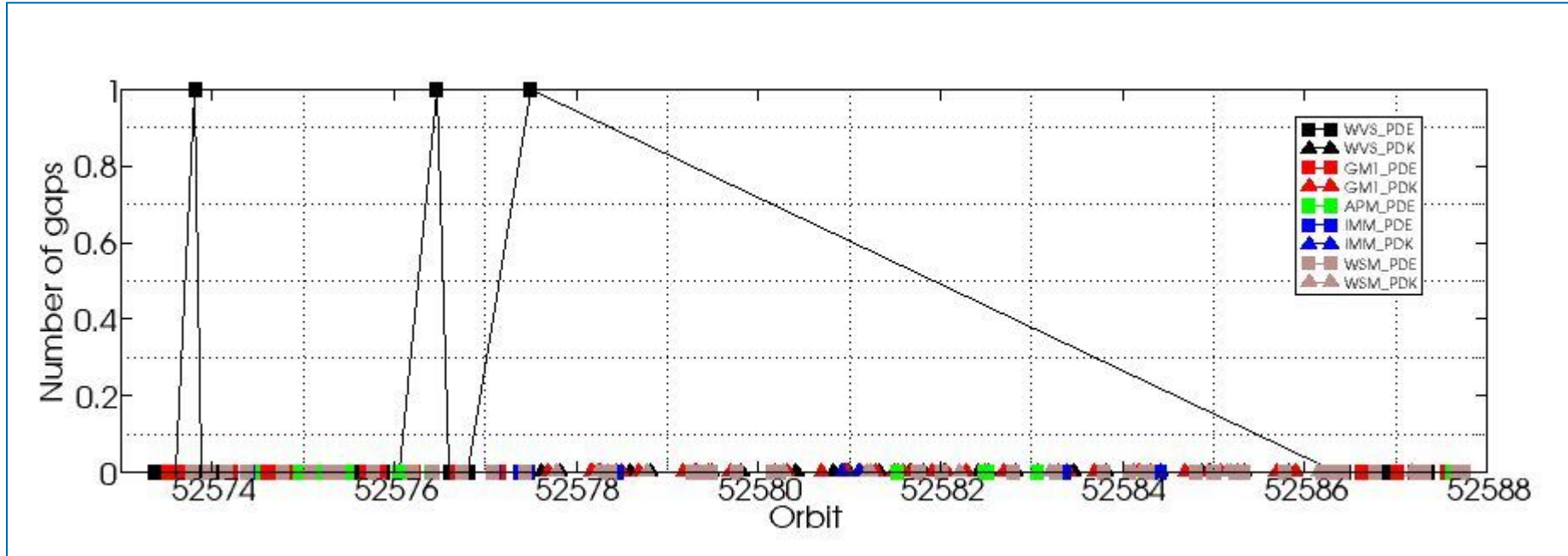
[ BACK TO MENU ]





## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 120319  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-03-19 00:00:00

Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120319/

DATA SUMMARY  
#####  
Summary will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120319/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120319/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120319/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120319/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120319/AUXILIARY...

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



ADF filter 20120319\*current\_3\_IECF\_ADFs.txt  
 Found list 20120319\_030000\_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/\_120319/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120319_001821_000004653112_00404_52573_3841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_003943_000004203112_00404_52573_3843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_004558_000004643112_00404_52573_3857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_005752_000006593112_00404_52573_3858.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_013942_000001193112_00405_52574_3859.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_015127_000001193112_00405_52574_3863.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_015715_000005403112_00405_52574_3865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_022035_000001643112_00405_52574_3866.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_022220_000003303112_00405_52574_3881.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_024138_000002543112_00406_52575_3885.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_032859_000005243112_00406_52575_3893.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_033729_000002853112_00406_52575_3923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_040107_000000603112_00406_52575_3922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_040617_000009293112_00406_52575_3926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_042428_000000743112_00407_52576_3934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_050537_000008393112_00407_52576_3938.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_051922_000000903112_00407_52576_3977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_052343_000001053112_00407_52576_3979.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_054024_0000015743112_00407_52576_3986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_064857_000007043112_00408_52577_3984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_213636_000003593112_00417_52586_4169.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_214448_000010493112_00417_52586_4170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_220439_000002703112_00417_52586_4176.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_222244_000003593112_00417_52586_4181.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_222744_000008393112_00417_52586_4187.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_231629_000012143112_00418_52587_4189.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120319_234341_000003153112_00418_52587_4195.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_070027_000003153112_00408_52577_0749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_072038_000020543112_00408_52577_0756.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_083725_000005853112_00409_52578_0793.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_090052_000021293112_00409_52578_0795.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_100849_000011243112_00410_52579_0834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_104106_000019343112_00410_52579_0836.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_114115_000015893112_00411_52580_0878.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_122129_000005103112_00411_52580_0877.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_123423_000001043112_00411_52580_0876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_123854_000005743112_00411_52580_0882.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_131251_000009143112_00412_52581_0906.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_134552_000001203112_00412_52581_0908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_140151_000005103112_00412_52581_0910.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_142340_000000443112_00413_52582_0913.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_150104_000003443112_00413_52582_0941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_151245_000009303112_00413_52582_0944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_154229_000013793112_00413_52582_0946.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_164606_000013343112_00414_52583_0971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_172257_000014243112_00414_52583_0974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_182207_000015893112_00415_52584_0998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120319_190725_000004053112_00415_52584_0999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA\_WVS\_1PNPDK20120319\_191729\_000001493112\_00415\_52584\_1001.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_WVS\_1PNPDK20120319\_195506\_000020243112\_00416\_52585\_1020.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_WVS\_1PNPDK20120319\_204259\_000004803112\_00416\_52585\_1022.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA\_GM1\_1PNPDE20120319\_011923\_000010093112\_00405\_52574\_3861.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_GM1\_1PNPDE20120319\_014638\_000002893112\_00405\_52574\_3864.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_GM1\_1PNPDE20120319\_015417\_000001753112\_00405\_52574\_3862.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_GM1\_1PNPDE20120319\_020704\_000005373112\_00405\_52574\_3867.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
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ASA\_GM1\_1PNPDE20120319\_061440\_000013533112\_00408\_52577\_3987.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
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ASA\_GM1\_1PNPDK20120319\_150857\_000001813112\_00413\_52582\_0943.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_GM1\_1PNPDK20120319\_152856\_000006893112\_00413\_52582\_0945.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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ASA_GM1_1PNPDK20120319_160821_000007373112_00414_52583_0947.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_163030_000003683112_00414_52583_0969.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_164017_000003503112_00414_52583_0970.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_170910_000006713112_00414_52583_0972.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_175209_000004653112_00415_52584_0973.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_175841_000001083112_00415_52584_0995.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_181128_000004473112_00415_52584_0996.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_184924_000006283112_00415_52584_0997.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_191447_000001573112_00415_52584_1000.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_192806_000004893112_00416_52585_1002.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_194803_000003263112_00416_52585_1019.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_202938_000005553112_00416_52585_1021.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120319_205141_000011123112_00416_52585_1023.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20120319_014430_000001073112_00405_52574_3854.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_APM_1PNPDE20120319_025052_000000433112_00406_52575_3879.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_032714_000001003112_00406_52575_3877.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_042256_000000863112_00407_52576_3911.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_043202_000000433112_00407_52576_3913.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_045939_000000443112_00407_52576_3916.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_133239_000000743112_00412_52581_4130.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_APM_1PNPDE20120319_151156_000000403112_00413_52582_4134.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_160607_000001153112_00414_52583_4135.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120319_234252_000000423112_00418_52587_4196.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_IMM.txt...

```
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ASA_IMM_1PNPDE20120319_063714_000001123112_00408_52577_3970.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120319_064647_000000973112_00408_52577_3975.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_IMM_1PNPDE20120319_163637_000002083112_00414_52583_4142.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120319_181855_000001123112_00415_52584_4152.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120319_182054_000000633112_00415_52584_4153.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120319_095139_000001423112_00410_52579_0805.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120319_123125_000000383112_00411_52580_0889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120319_124919_000000823112_00412_52581_0890.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_120319/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20120319_003645_000001533112_00404_52573_3830.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_005422_000002143112_00404_52573_3852.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_011333_000003493112_00405_52574_3853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_013615_000000923112_00405_52574_3856.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDE20120319_021604_000002753112_00405_52574_3860.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_024637_000002263112_00406_52575_3878.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_030610_000001473112_00406_52575_3884.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_031838_000004653112_00406_52575_3876.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_035535_000003303112_00406_52575_3912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_043753_000001773112_00407_52576_3914.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_050117_000002513112_00407_52576_3920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_053337_000003923112_00407_52576_3968.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_060725_000000923112_00408_52577_3967.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_064255_000001903112_00408_52577_3974.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_081110_000001533112_00409_52578_4009.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_081645_000001163112_00409_52578_4010.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_094612_000002143112_00410_52579_4032.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_095557_000001903112_00410_52579_4034.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_100636_000001353112_00410_52579_4035.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_103614_000002753112_00410_52579_4074.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_111429_000002083112_00411_52580_4075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_112003_000001283112_00411_52580_4076.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_112225_000003673112_00411_52580_4066.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_135548_000003673112_00412_52581_4132.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_142203_000000923112_00413_52582_4131.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_154029_000001223112_00413_52582_4129.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_162801_000001353112_00414_52583_4141.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_172025_000001533112_00414_52583_4140.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_174832_000002083112_00415_52584_4143.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_180431_000002143112_00415_52584_4144.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_180904_000001353112_00415_52584_4151.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_190023_000001533112_00415_52584_4150.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_192039_000000923112_00415_52584_4154.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_192236_000003123112_00416_52585_4155.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_194348_000002513112_00416_52585_4163.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_195332_000000923112_00416_52585_4164.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_203857_000002453112_00416_52585_4162.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_212035_000003923112_00417_52586_4173.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_213305_000002143112_00417_52586_4182.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_214318_000000923112_00417_52586_4183.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_221811_000002513112_00417_52586_4168.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_230412_000001533112_00418_52587_4192.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_231358_000001533112_00418_52587_4200.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_234935_000001473112_00418_52587_4203.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120319_235645_000003553112_00418_52587_4188.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_071627_000002143112_00408_52577_0762.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_080239_000001353112_00409_52578_0765.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_081257_000002143112_00409_52578_0767.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_085604_000002693112_00409_52578_0804.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_112758_000001353112_00411_52580_0843.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_130015_000001223112_00412_52581_0891.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_130253_000003673112_00412_52581_0888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_144025_000004893112_00413_52582_0923.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_162039_000004893112_00414_52583_0955.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_180036_000002513112_00415_52584_0980.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_193620_000001713112_00416_52585_1006.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_194015_000002453112_00416_52585_1017.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_211510_000000923112_00417_52586_1018.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120319_225908_000002083112_00418_52587_1044.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_120319/MODULE\_STEPPING



```
Creating directory ./RESULTS/DAILY/_120319/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120319/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...
```

```
*****
*****
Creating images comparing with second reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDE20120319_052601_000000163112_00407_52576_0485.N1
  H
  H
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120319_052601-20010209_135042.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120319_052601-20010209_135042.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120319_052601-20010209_135042.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120319_052601-20010209_135042.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120319_070615_000000163112_00408_52577_1088.N1
  V
  V
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120319_070615-20010209_140823.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120319_070615-20010209_140823.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120319_070615-20010209_140823.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120319_070615-20010209_140823.png
```

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

```
Exporting results to the directory ../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDE20120318_060245_000000163112_00393_52562_0484.N1
Test product: ASA_MS__0PNPDE20120319_052601_000000163112_00407_52576_0485.N1
  H
  H
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120319_052601-20120318_060245.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120319_052601-20120318_060245.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120319_052601-20120318_060245.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120319_052601-20120318_060245.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20120318_074259_000000163112_00394_52563_1087.N1
Test product: ASA_MS__0PNPDK20120319_070615_000000163112_00408_52577_1088.N1
  V
  V
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120319_070615-20120318_074259.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120319_070615-20120318_074259.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120319_070615-20120318_074259.png
../../RESULTS/DAILY/_120319/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120319_070615-20120318_074259.png
```

```
MODULE_STEPPING ANALYSIS completed
#####
```

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120319/CALIBRATION_PULSES...
```

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

ALL ROWS Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing products WVS IS2 V/V

1 78817 7 78817

Writing image ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 36865 7 36865

Writing image ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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

TEMPORAL EVOLUTION Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-19\_1.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-19\_2.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-19\_3.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-03-19\_4.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-19\_1.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-19\_2.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-19\_3.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_120319/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-03-19\_4.dat...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_120319//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####



DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_120319/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-03-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120319/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-03-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120319/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-03-19.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_120319/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_120319/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing products WVS IS2 V/V  
  
1254  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -35.649411 Hz  
Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
  
1211  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.197656 Hz  
Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2611

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -7.840862 Hz

Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2048

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -13.658380 Hz

Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_120319//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120319/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 H/H from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...

Writing file ./RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2012-03-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../../RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...

Writing file ./RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2012-03-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../../RESULTS/DAILY/\_120319/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120319/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_120319/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_WVS\_2012-03-19.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2012-03-19 00:00:00 to 2012-03-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_IMM\_2012-03-19.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120319/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-03-19 00:00:00 to 2012-03-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120319/TELEMETRY

Creating directory ./RESULTS/DAILY/\_120319/TELEMETRY...

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

\*\*\*\*\*

Checking 28 products from PDE...  
Found product...ASA\_WVS\_1PNPDE20120319\_003943\_000004203112\_00404\_52573\_3843.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120319\_032859\_000005243112\_00406\_52575\_3893.N1 / 0 gaps / 24 missing lines  
Found product...ASA\_WVS\_1PNPDE20120319\_050537\_000008393112\_00407\_52576\_3938.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120319\_064857\_000007043112\_00408\_52577\_3984.N1 / 1 gaps / 0 missing lines  
Checking 24 products from PDK...  
Found product...ASA\_WVS\_1PNPDK20120319\_123854\_000005743112\_00411\_52580\_0882.N1 / 0 gaps / 8 missing lines

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

\*\*\*\*\*

Checking 28 products from PDE...  
Checking 41 products from PDK...  
Found product...ASA\_GM1\_1PNPDK20120319\_142649\_000008163112\_00413\_52582\_0912.N1 / 0 gaps / 34 missing lines

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

\*\*\*\*\*

Checking 12 products from PDE...  
No products from PDK...

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

\*\*\*\*\*

Checking 9 products from PDE...  
Checking 3 products from PDK...

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

\*\*\*\*\*

Checking 45 products from PDE...

Checking 14 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_120319/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_120319/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_120319/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_1PNPDE20120319_014430_000001073112_00405_52574_3854.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_023455_000000443112_00405_52574_3875.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_025052_000000433112_00406_52575_3879.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_032714_000001003112_00406_52575_3877.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_042256_000000863112_00407_52576_3911.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_043202_000000433112_00407_52576_3913.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_045939_000000443112_00407_52576_3916.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_133239_000000743112_00412_52581_4130.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_150755_000000433112_00413_52582_4133.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_151156_000000403112_00413_52582_4134.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_160607_000001153112_00414_52583_4135.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120319_234252_000000423112_00418_52587_4196.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_1PNPDE20120319_000920_000005373112_00404_52573_3840.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_002652_000005923112_00404_52573_3842.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_011923_000010093112_00405_52574_3861.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_014638_000002893112_00405_52574_3864.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_015417_000001753112_00405_52574_3862.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_020704_000005373112_00405_52574_3867.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_022831_000003863112_00405_52574_3882.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_023600_000003383112_00405_52574_3880.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_025156_000008523112_00406_52575_3883.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_030846_000005863112_00406_52575_3892.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_034722_000004893112_00406_52575_3924.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_040244_000002113112_00406_52575_3925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_042632_000003323112_00407_52576_3927.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_043304_000002833112_00407_52576_3928.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_044059_000011243112_00407_52576_3937.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_052735_000003563112_00407_52576_3983.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_061028_000000663112_00408_52577_3982.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_061440_000013533112_00408_52577_3987.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_063918_000002173112_00408_52577_3985.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_212712_000003503112_00417_52586_4171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_220306_000000843112_00417_52586_4175.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_220949_000005013112_00417_52586_4179.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_224229_000004103112_00418_52587_4186.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_230244_000000783112_00418_52587_4185.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_230647_000004283112_00418_52587_4191.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_233729_000002053112_00418_52587_4190.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_234101_000001083112_00418_52587_4201.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120319_235208_000002713112_00418_52587_4194.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_070745_000005193112_00408_52577_0750.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_075538_000000903112_00409_52578_0752.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_075712_000003263112_00409_52578_0751.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_080502_000001503112_00409_52578_0755.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_080647_000002593112_00409_52578_0790.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_082326_000000843112_00409_52578_0791.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_082855_000005073112_00409_52578_0792.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_084803_000004773112_00409_52578_0794.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_093701_000005493112_00410_52579_0796.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_094948_000001083112_00410_52579_0832.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_100348_000001633112_00410_52579_0833.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_102817_000004773112_00410_52579_0835.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_111806_000001083112_00411_52580_0837.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_113026_000001083112_00411_52580_0874.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_120828_000007793112_00411_52580_0875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_123216_000001203112_00411_52580_0880.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_123648_000001203112_00411_52580_0879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_125217_000004773112_00412_52581_0881.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_130905_000002233112_00412_52581_0903.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_132845_000002353112_00412_52581_0904.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_133412_000003203112_00412_52581_0905.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_133933_000003803112_00412_52581_0907.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_134842_000004223112_00412_52581_0909.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_141058_000006283112_00412_52581_0911.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_142649_000008163112_00413_52582_0912.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_144842_000002113112_00413_52582_0942.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_150857_000001813112_00413_52582_0943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_152856_000006893112_00413_52582_0945.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_160821_000007373112_00414_52583_0947.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_163030_000003683112_00414_52583_0969.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_164017_000003503112_00414_52583_0970.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_170910_000006713112_00414_52583_0972.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_175209_000004653112_00415_52584_0973.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_175841_000001083112_00415_52584_0995.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_181128_000004473112_00415_52584_0996.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_184924_000006283112_00415_52584_0997.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120319_191447_000001573112_00415_52584_1000.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_192806_000004893112_00416_52585_1002.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_194803_000003263112_00416_52585_1019.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_202938_000005553112_00416_52585_1021.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120319_205141_000011123112_00416_52585_1023.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_1PNPDE20120319_013752_000000973112_00405_52574_3855.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_060855_000000813112_00408_52577_3969.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_063714_000001123112_00408_52577_3970.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_064647_000000973112_00408_52577_3975.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_082453_000002333112_00409_52578_4012.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_095445_000000413112_00410_52579_4031.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_163637_000002083112_00414_52583_4142.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_181855_000001123112_00415_52584_4152.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120319_182054_000000633112_00415_52584_4153.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120319_095139_000001423112_00410_52579_0805.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120319_123125_000000383112_00411_52580_0889.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120319_124919_000000823112_00412_52581_0890.N1	OK	OK	OK	OK

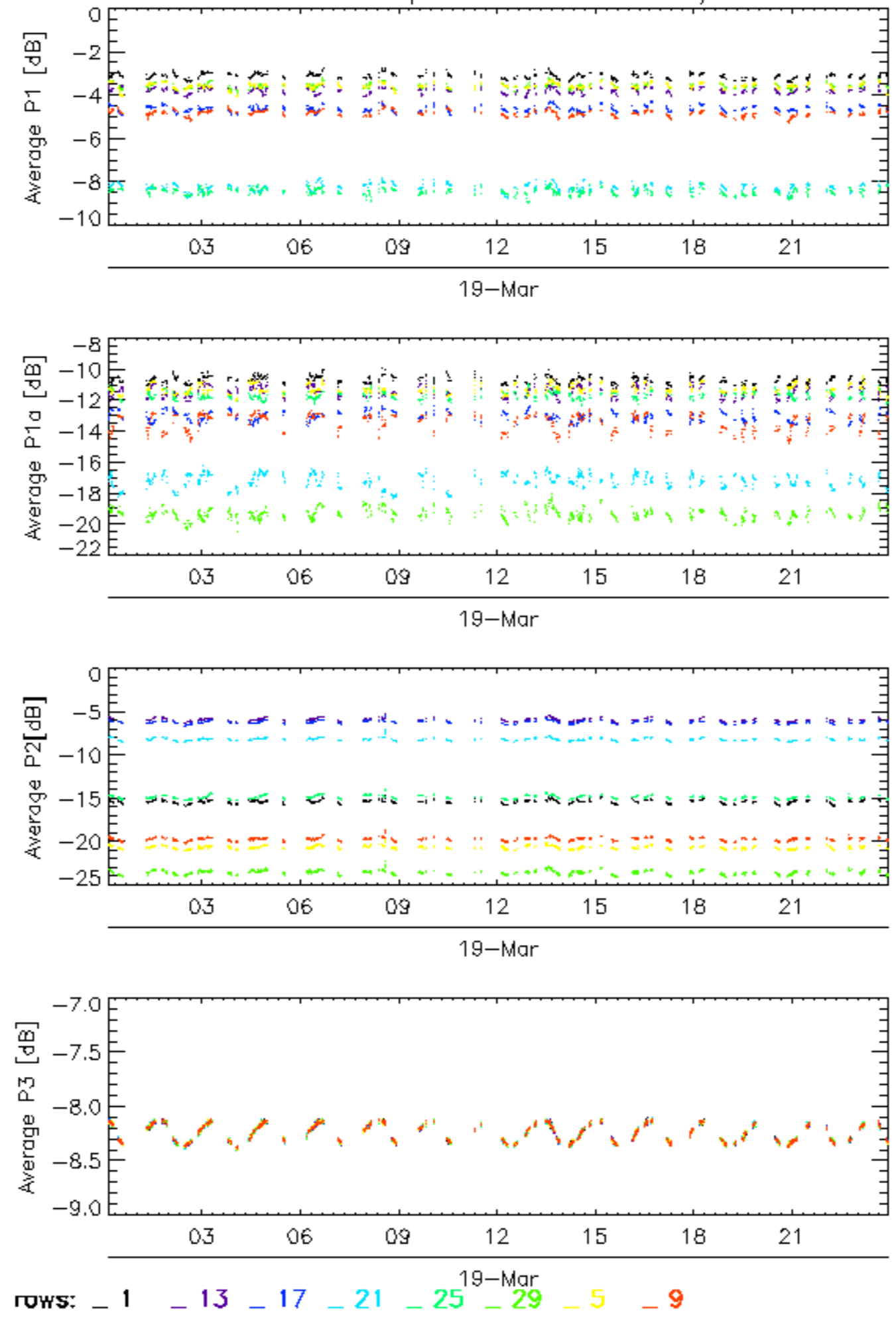
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120319_003645_000001533112_00404_52573_3830.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_005422_000002143112_00404_52573_3852.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_011333_000003493112_00405_52574_3853.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_013615_000000923112_00405_52574_3856.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_021604_000002753112_00405_52574_3860.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_024637_000002263112_00406_52575_3878.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_030610_000001473112_00406_52575_3884.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_031838_000004653112_00406_52575_3876.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_035535_000003303112_00406_52575_3912.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_043753_000001773112_00407_52576_3914.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_050117_000002513112_00407_52576_3920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_053337_000003923112_00407_52576_3968.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_060725_000000923112_00408_52577_3967.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_064255_000001903112_00408_52577_3974.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_081110_000001533112_00409_52578_4009.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_081645_000001163112_00409_52578_4010.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_094612_000002143112_00410_52579_4032.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_095557_000001903112_00410_52579_4034.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_100636_000001353112_00410_52579_4035.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_103614_000002753112_00410_52579_4074.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_111429_000002083112_00411_52580_4075.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_112003_000001283112_00411_52580_4076.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_112225_000003673112_00411_52580_4066.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_135548_000003673112_00412_52581_4132.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_142203_000000923112_00413_52582_4131.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_154029_000001223112_00413_52582_4129.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_162801_000001353112_00414_52583_4141.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_172025_000001533112_00414_52583_4140.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_174832_000002083112_00415_52584_4143.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_180431_000002143112_00415_52584_4144.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_180904_000001353112_00415_52584_4151.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_190023_000001533112_00415_52584_4150.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_192039_000000923112_00415_52584_4154.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_192236_000003123112_00416_52585_4155.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_194348_000002513112_00416_52585_4163.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_195332_000000923112_00416_52585_4164.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_203857_000002453112_00416_52585_4162.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_212035_000003923112_00417_52586_4173.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_213305_000002143112_00417_52586_4182.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_214318_000000923112_00417_52586_4183.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_221811_000002513112_00417_52586_4168.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_230412_000001533112_00418_52587_4192.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_231358_000001533112_00418_52587_4200.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_234935_000001473112_00418_52587_4203.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120319_235645_000003553112_00418_52587_4188.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120319_071627_000002143112_00408_52577_0762.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120319_080239_000001353112_00409_52578_0765.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120319_144025_000004893112_00413_52582_0923.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120319_162039_000004893112_00414_52583_0955.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120319_180036_000002513112_00415_52584_0980.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120319_194015_000002453112_00416_52585_1017.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120319_211510_000000923112_00417_52586_1018.N1					OK	OK	OK	OK
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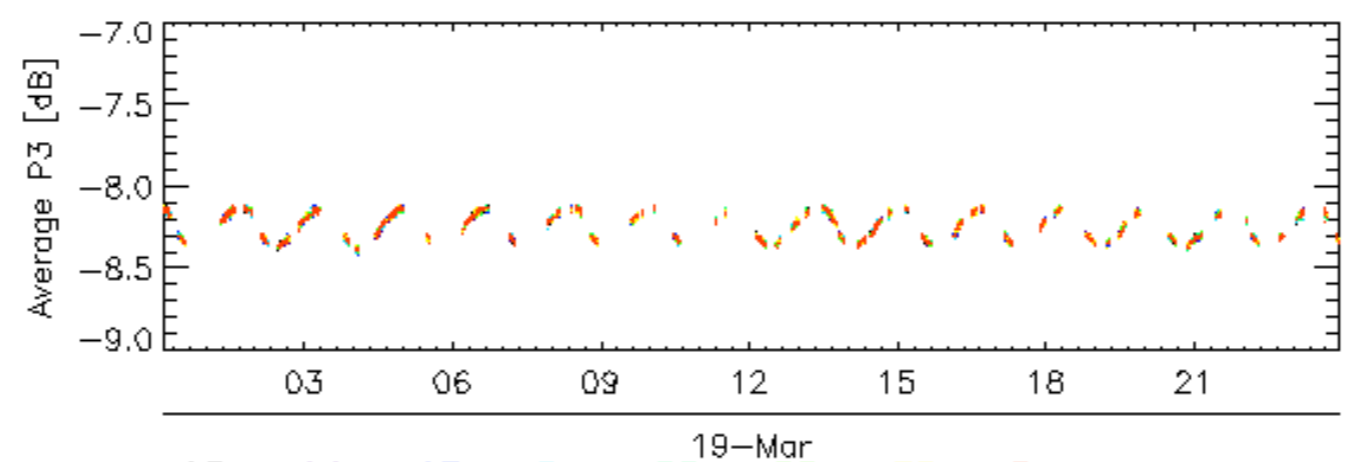
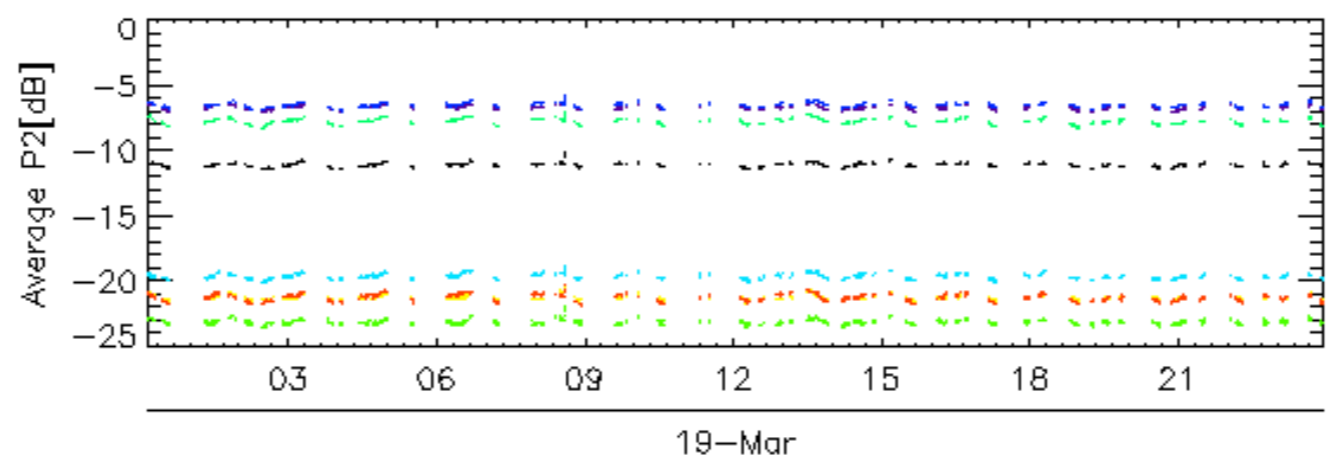
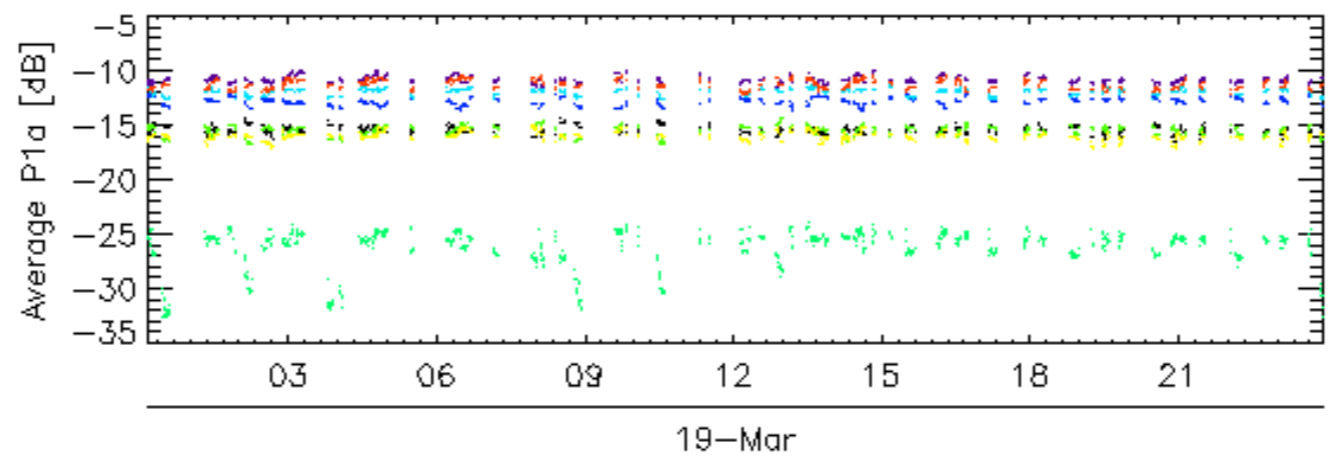
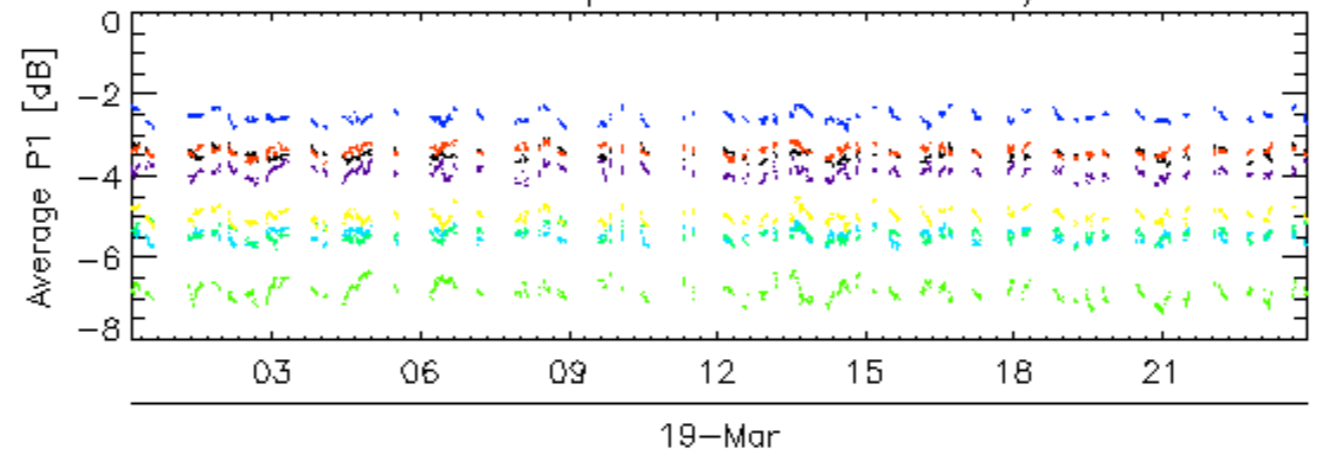
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20120319_004558_000004643112_00404_52573_3857.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_005752_000006593112_00404_52573_3858.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_013942_000001193112_00405_52574_3859.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_015127_000001193112_00405_52574_3863.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_015715_000005403112_00405_52574_3865.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_022035_000001643112_00405_52574_3866.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_022220_000003303112_00405_52574_3881.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_024138_000002543112_00406_52575_3885.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_032859_000005243112_00406_52575_3893.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_033729_000002853112_00406_52575_3923.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_040107_000000603112_00406_52575_3922.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_040617_000009293112_00406_52575_3926.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_042428_000000743112_00407_52576_3934.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_050537_000008393112_00407_52576_3938.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_051922_000000903112_00407_52576_3977.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_052343_000001053112_00407_52576_3979.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120319_064857_000007043112_00408_52577_3984.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_213636_000003593112_00417_52586_4169.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_214448_000010493112_00417_52586_4170.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120319_222244_000003593112_00417_52586_4181.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_222744_000008393112_00417_52586_4187.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_231629_000012143112_00418_52587_4189.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120319_234341_000003153112_00418_52587_4195.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_070027_000003153112_00408_52577_0749.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_072038_000020543112_00408_52577_0756.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_083725_000005853112_00409_52578_0793.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_090052_000021293112_00409_52578_0795.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120319_104106_000019343112_00410_52579_0836.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120319_122129_000005103112_00411_52580_0877.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120319_123854_000005743112_00411_52580_0882.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_131251_000009143112_00412_52581_0906.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_134552_000001203112_00412_52581_0908.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_140151_000005103112_00412_52581_0910.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_142340_000000443112_00413_52582_0913.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_150104_000003443112_00413_52582_0941.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_151245_000009303112_00413_52582_0944.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_154229_000013793112_00413_52582_0946.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120319_172257_000014243112_00414_52583_0974.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_182207_000015893112_00415_52584_0998.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_190725_000004053112_00415_52584_0999.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_191729_000001493112_00415_52584_1001.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120319_195506_000020243112_00416_52585_1020.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

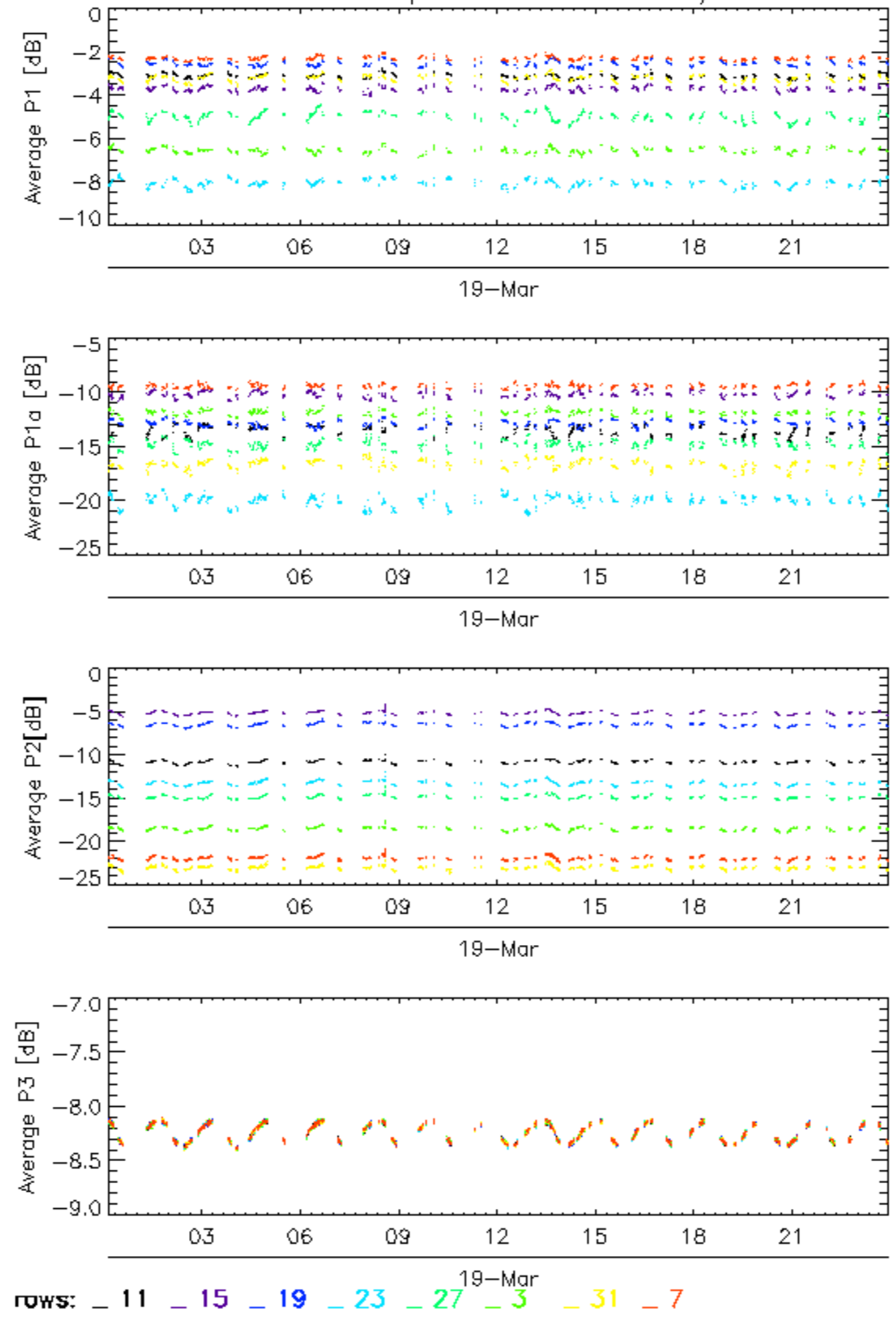


Calibration pulses for GM1 SS3 H/H



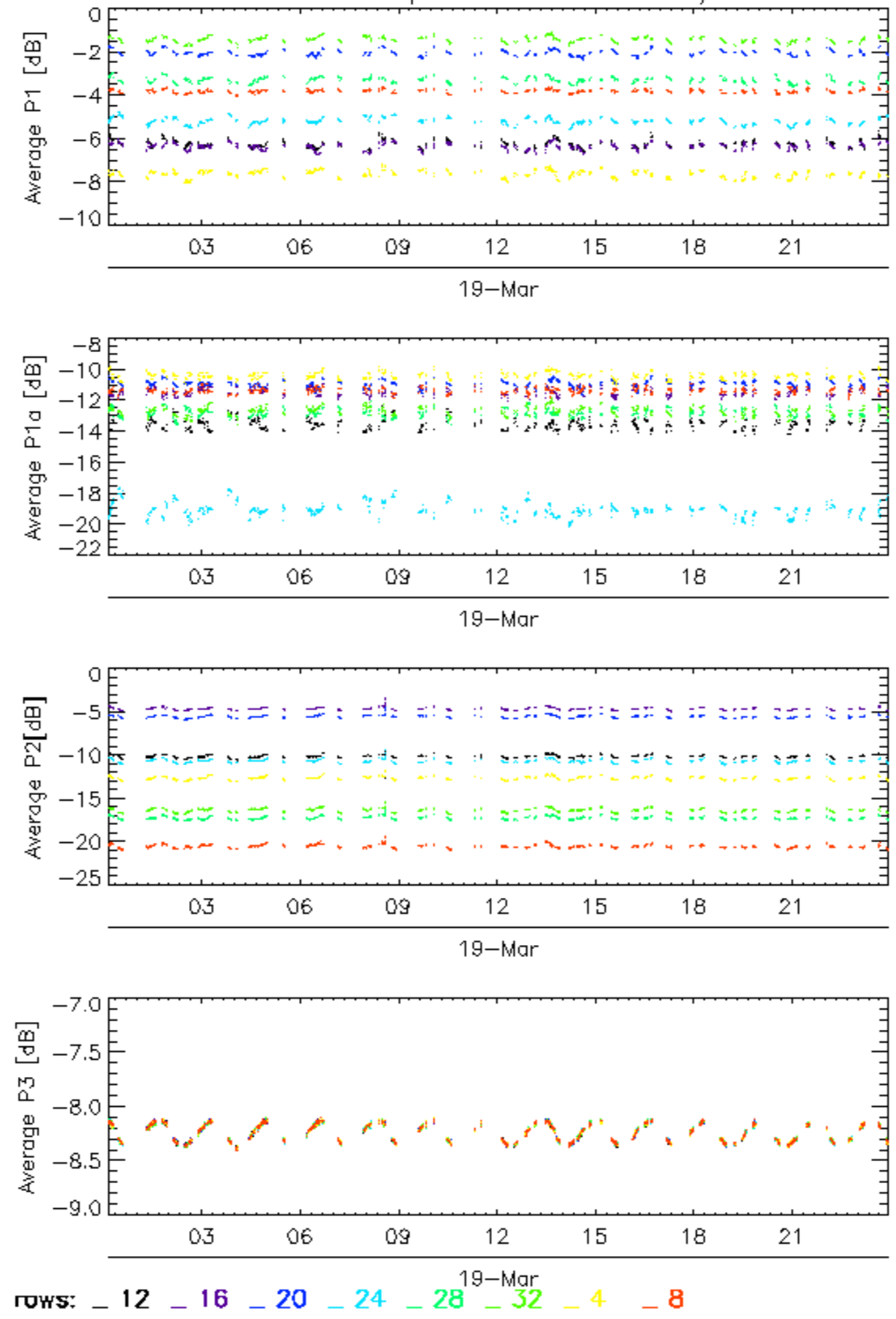
rows: 10 14 18 2 22 26 30 6

### Calibration pulses for GM1 SS3 H/H

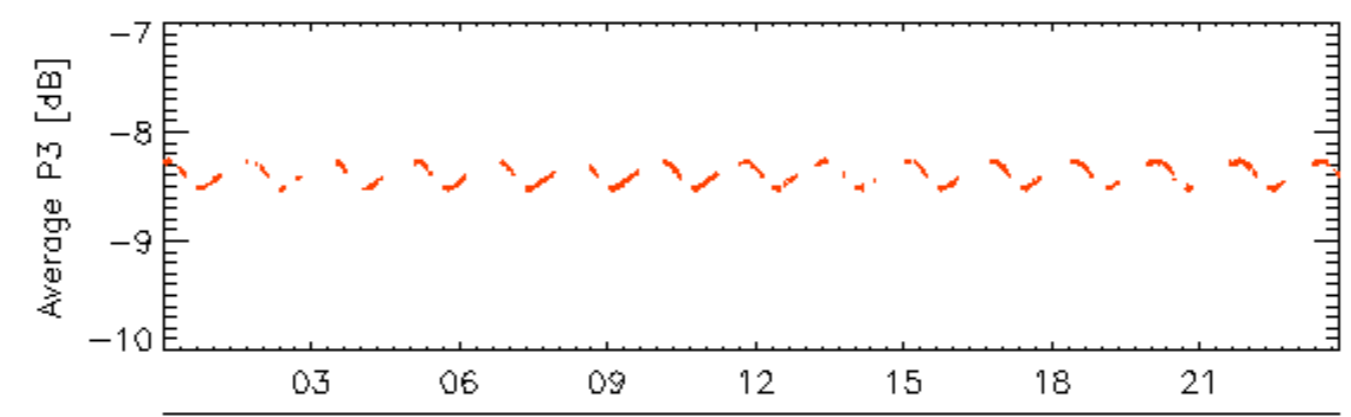
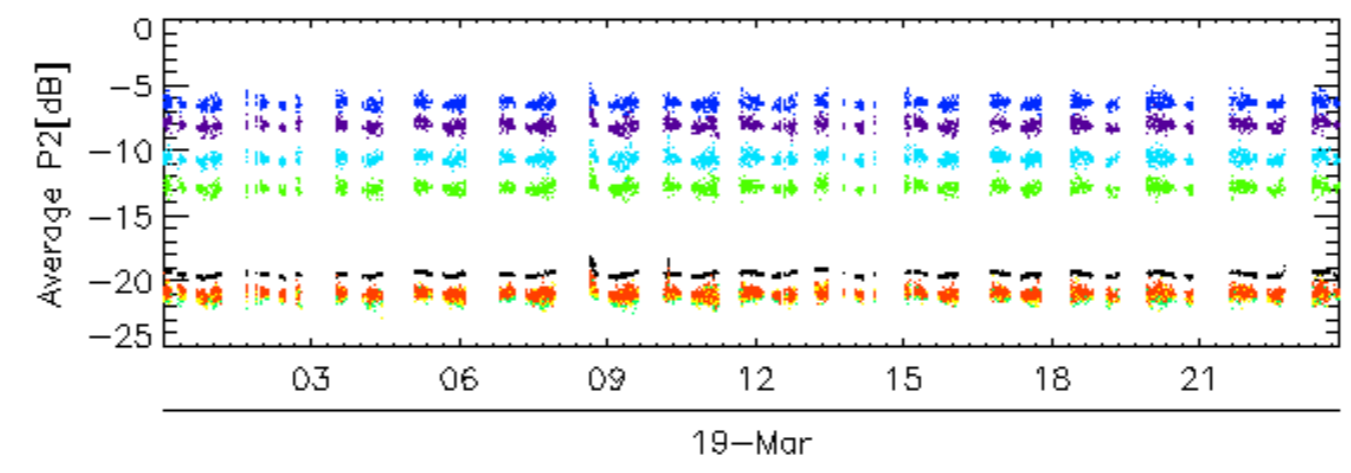
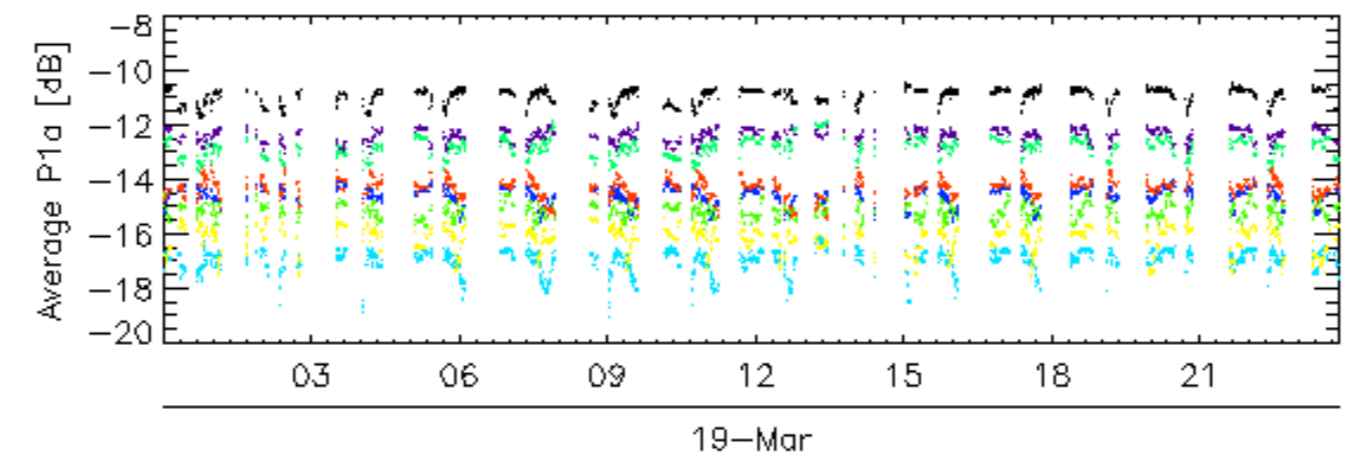
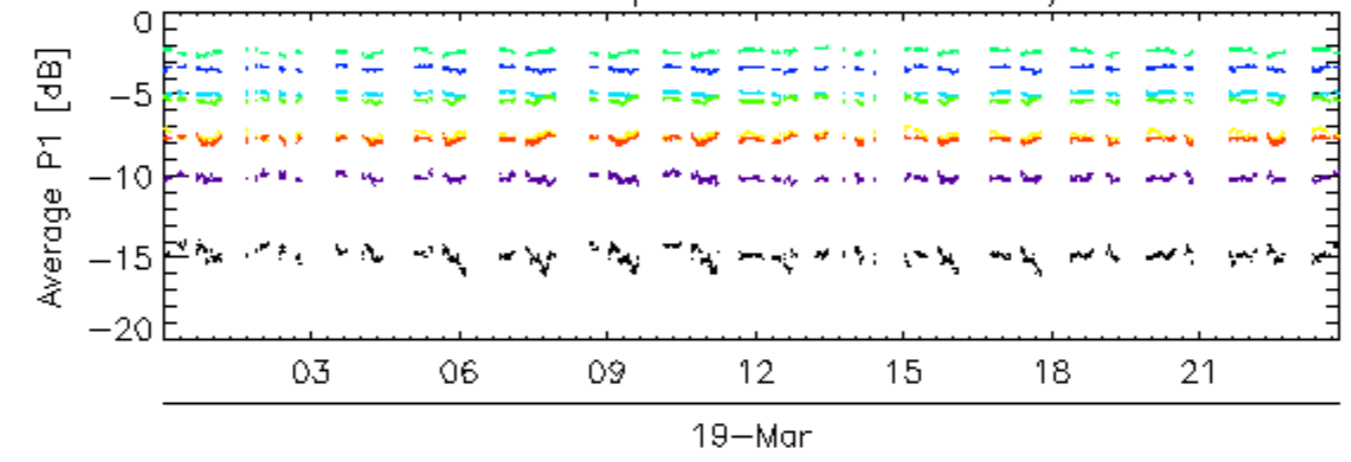




### Calibration pulses for GM1 SS3 H/H

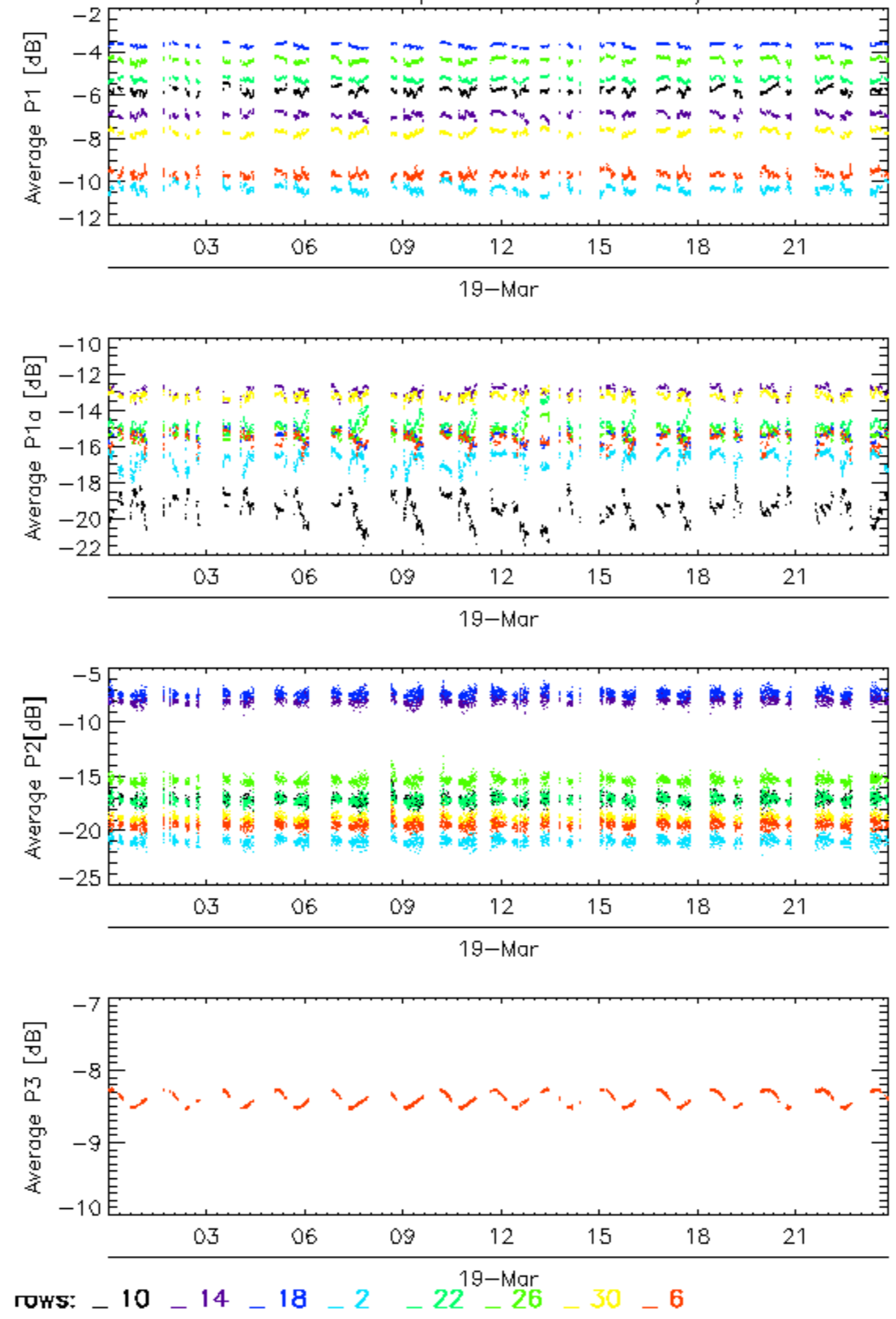


Calibration pulses for WVS IS2 V/V

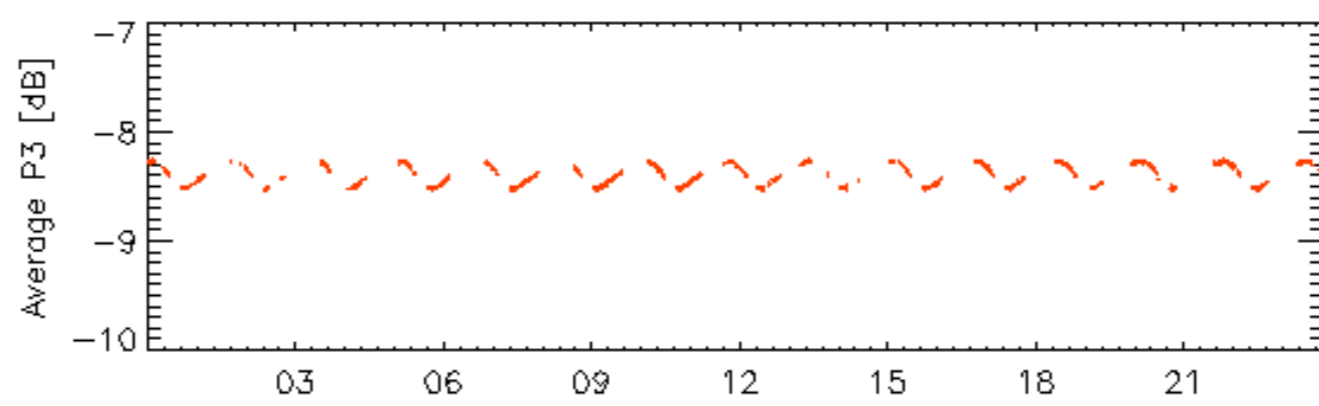
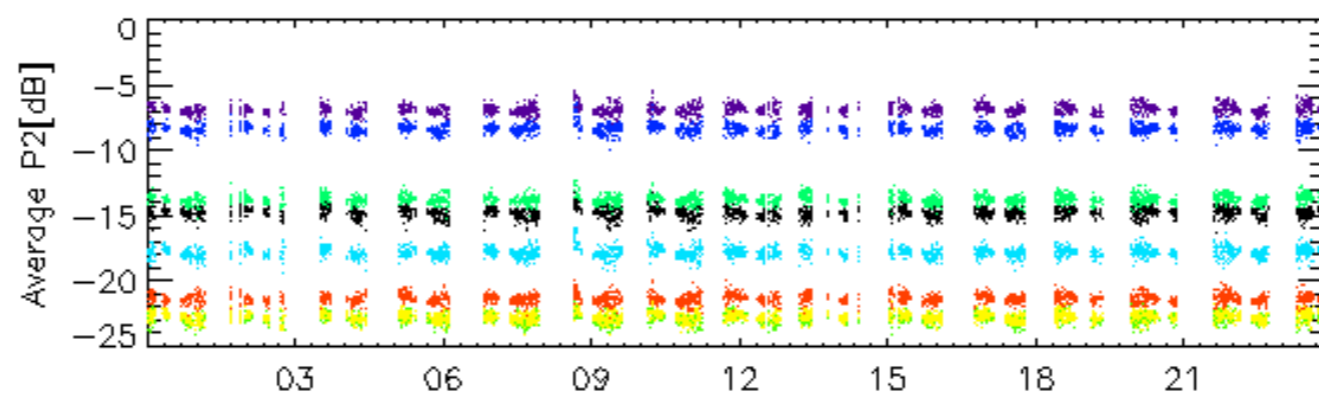
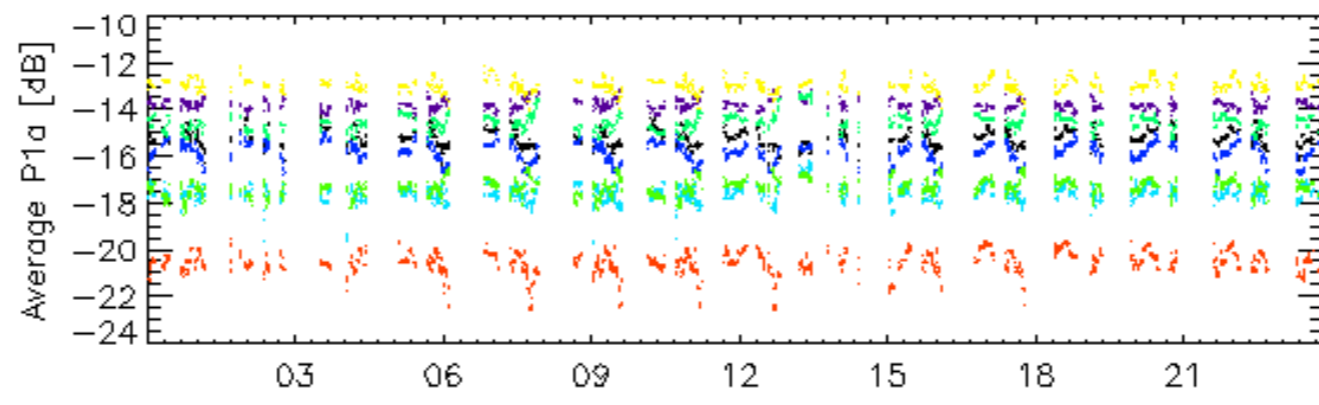
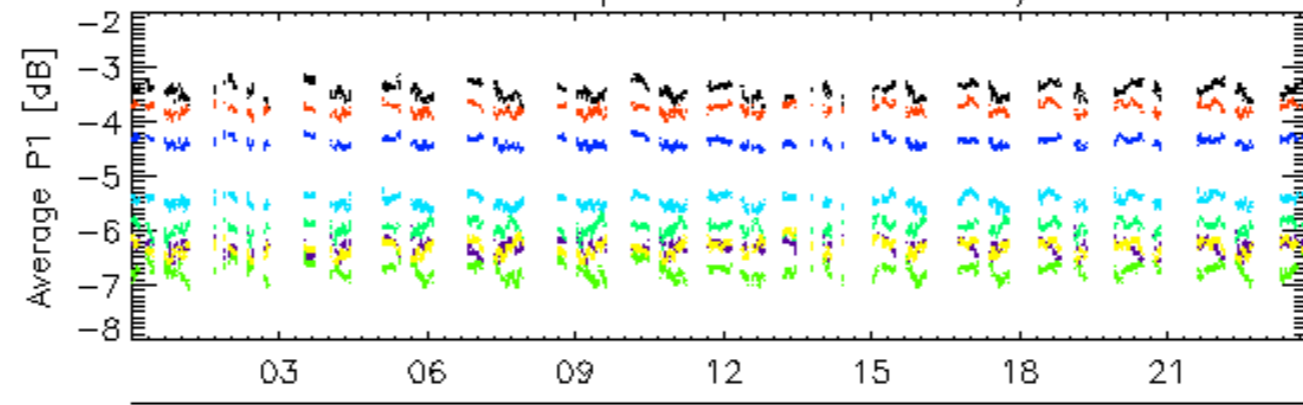


rows: 1 13 17 21 25 29 5 9

Calibration pulses for WVS IS2 V/V

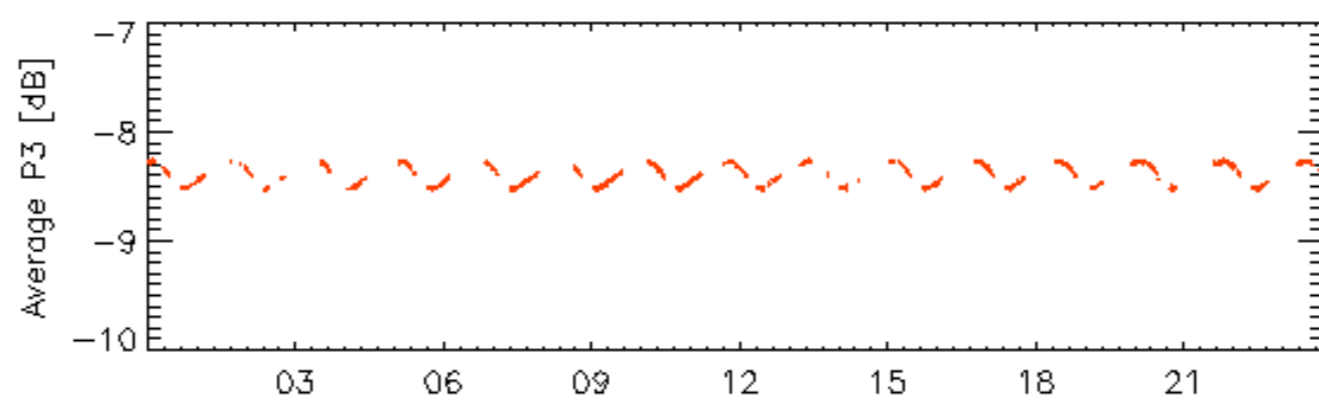
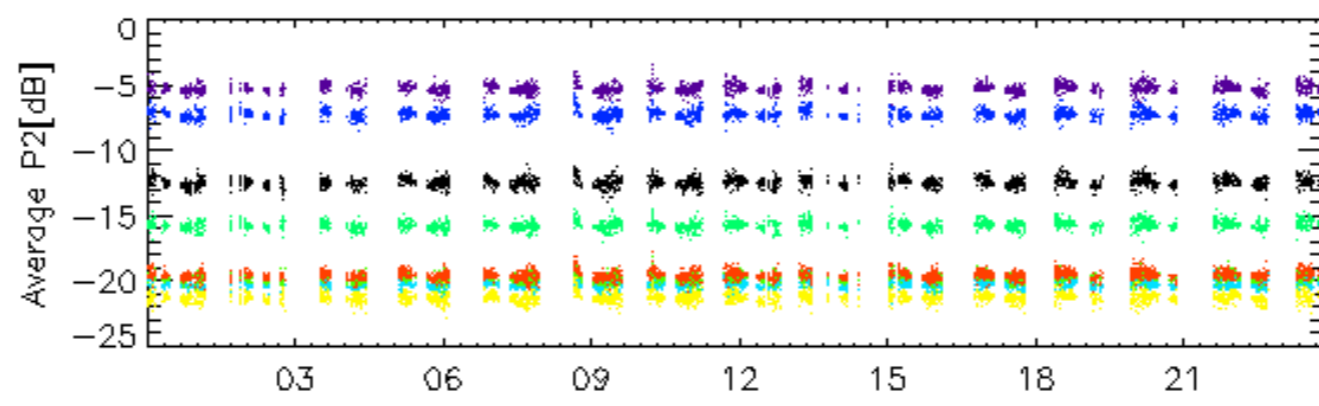
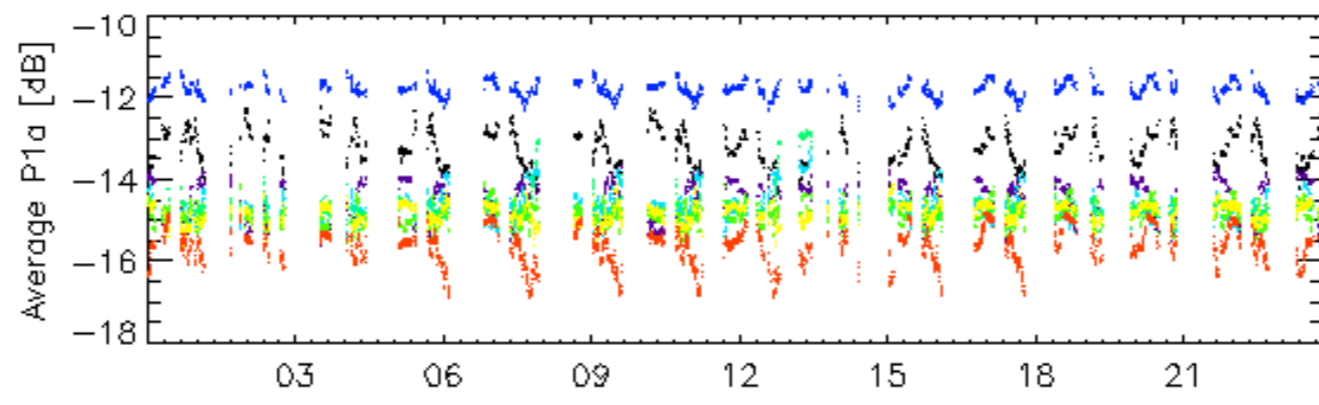
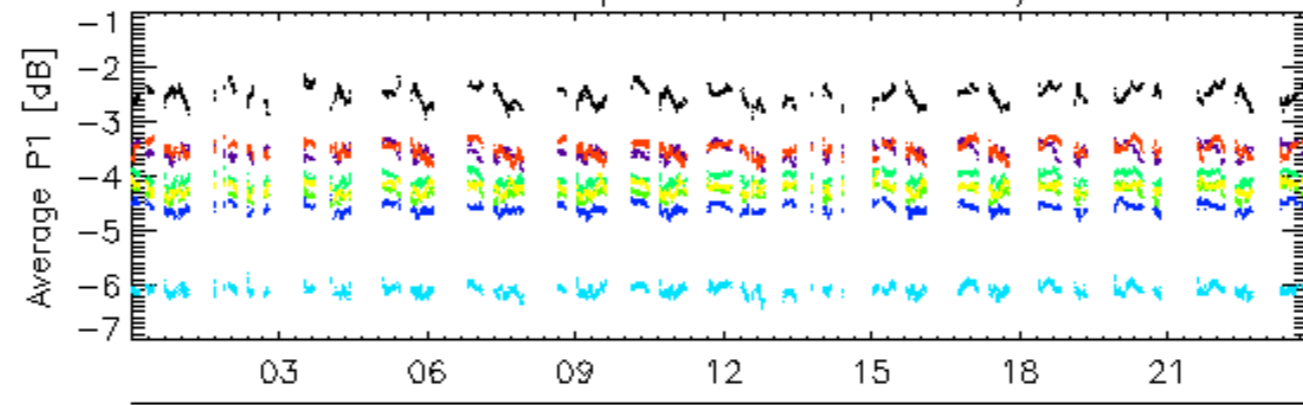


Calibration pulses for WVS IS2 V/V

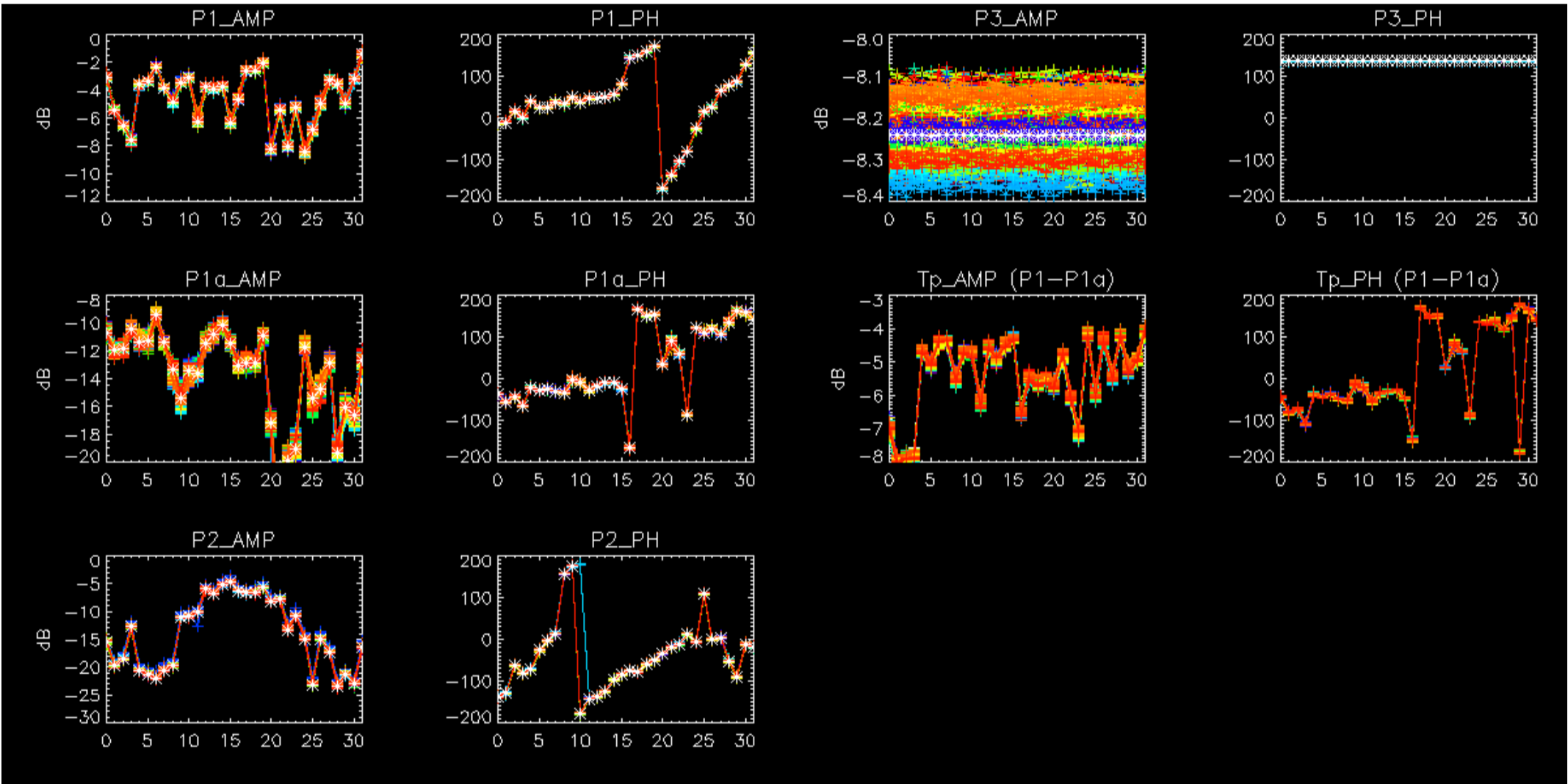


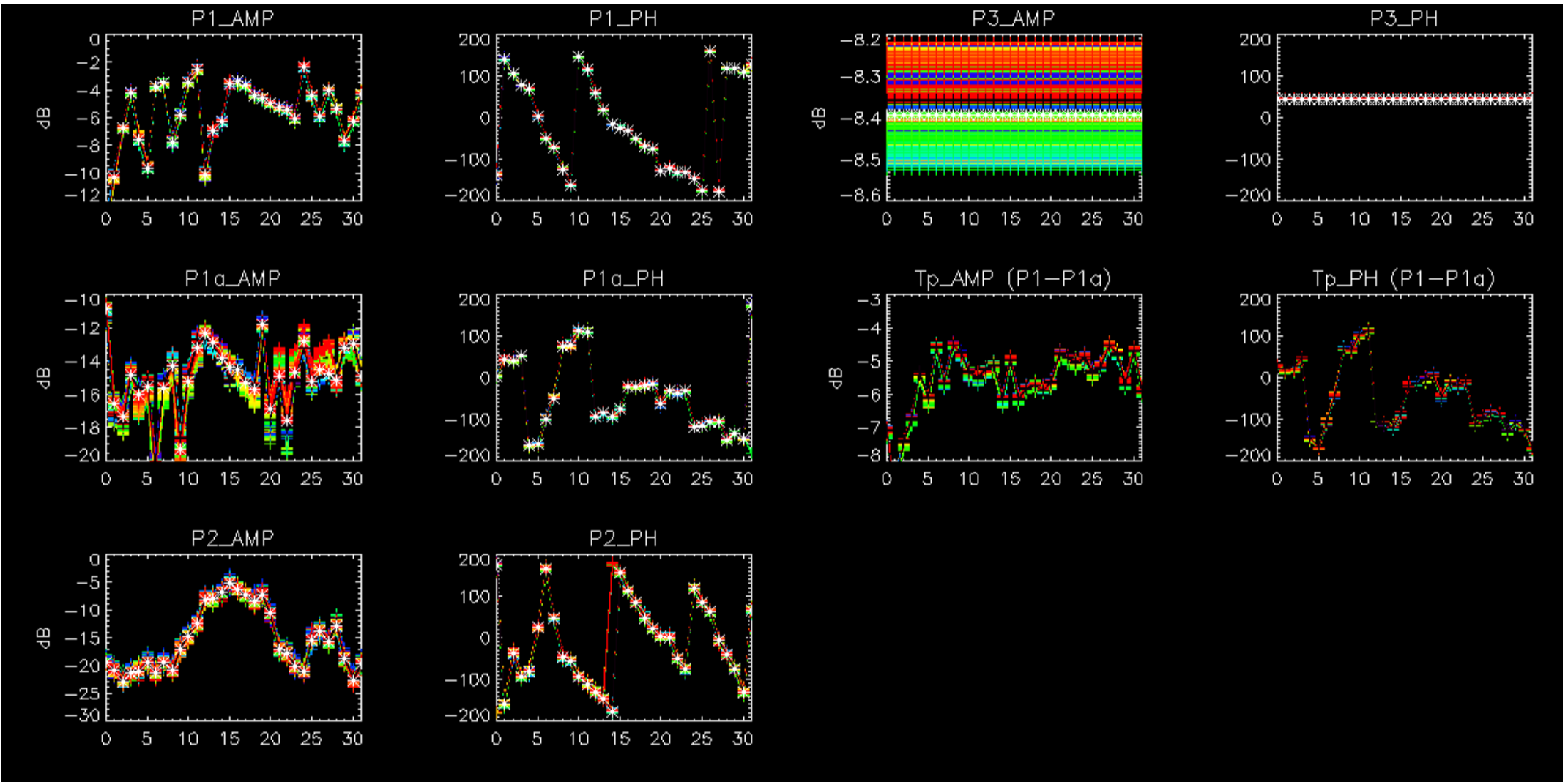
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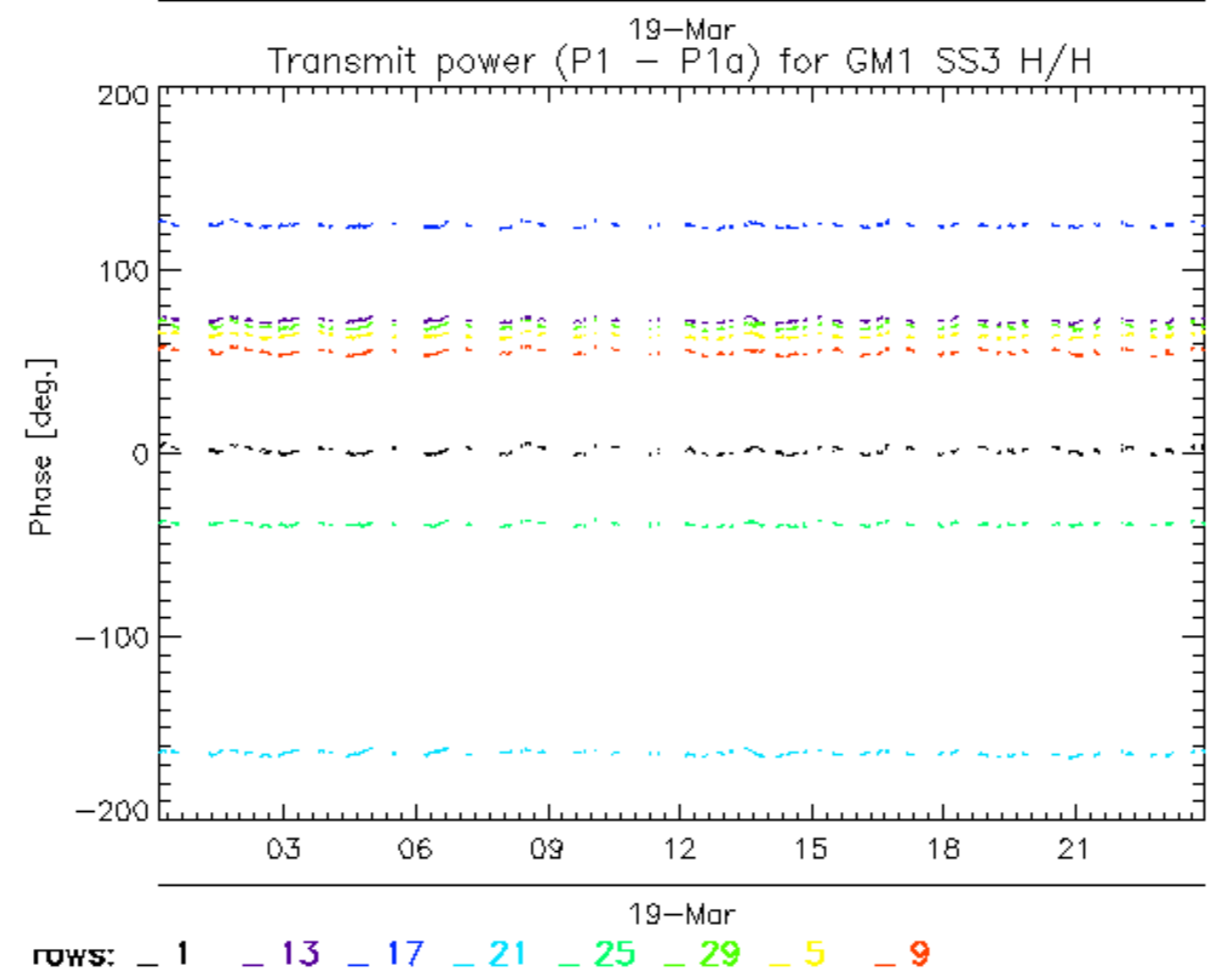
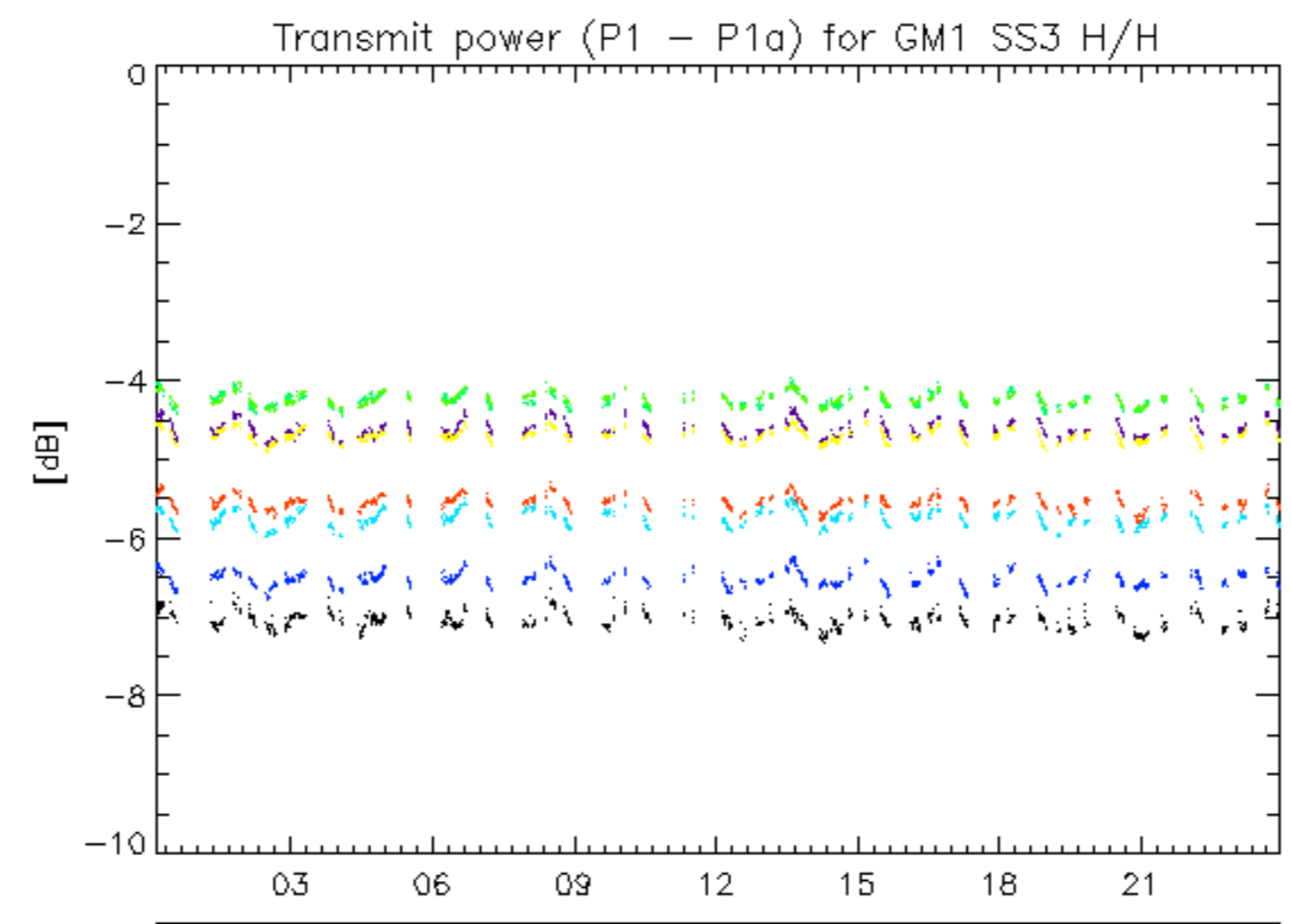
Calibration pulses for WVS IS2 V/V



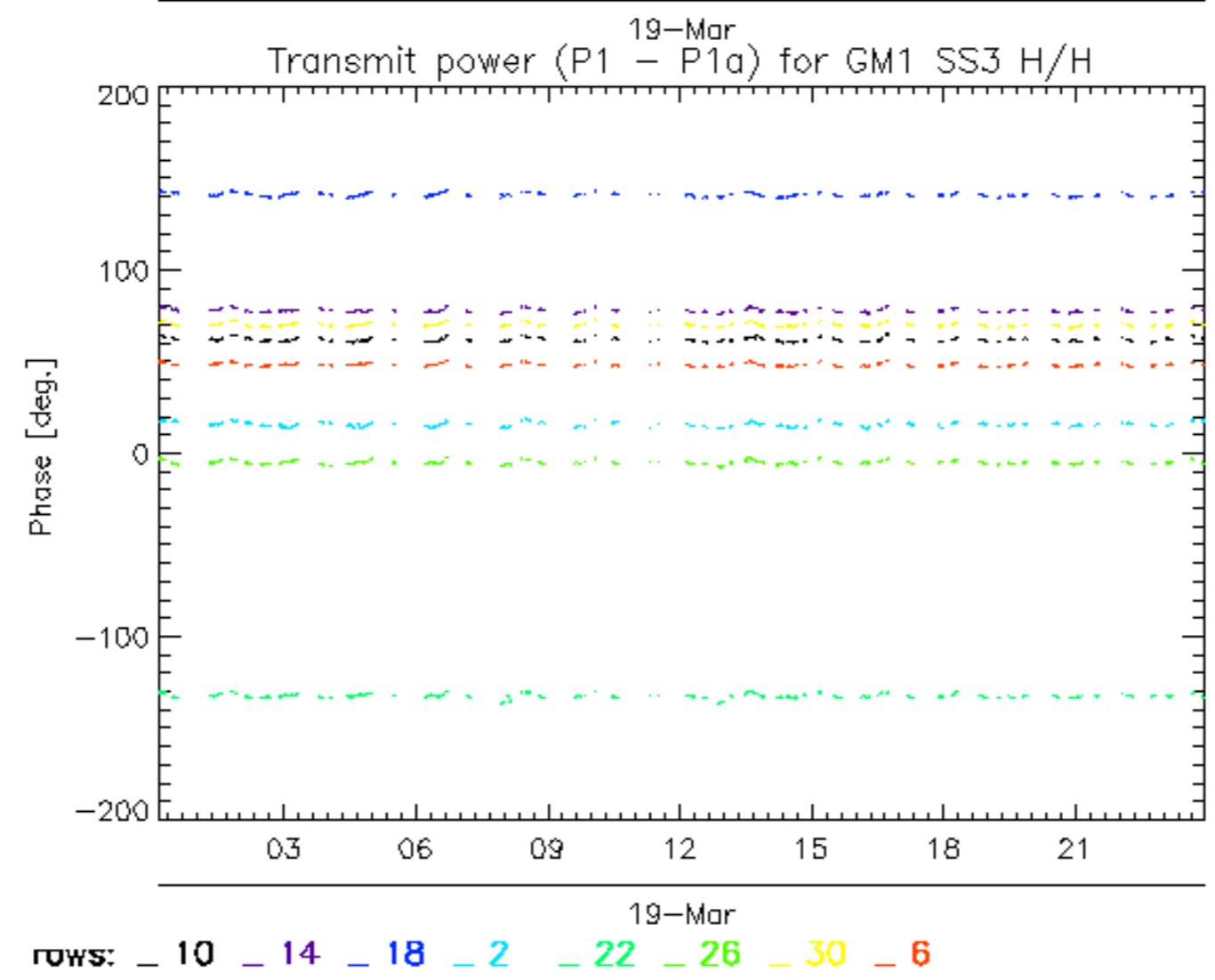
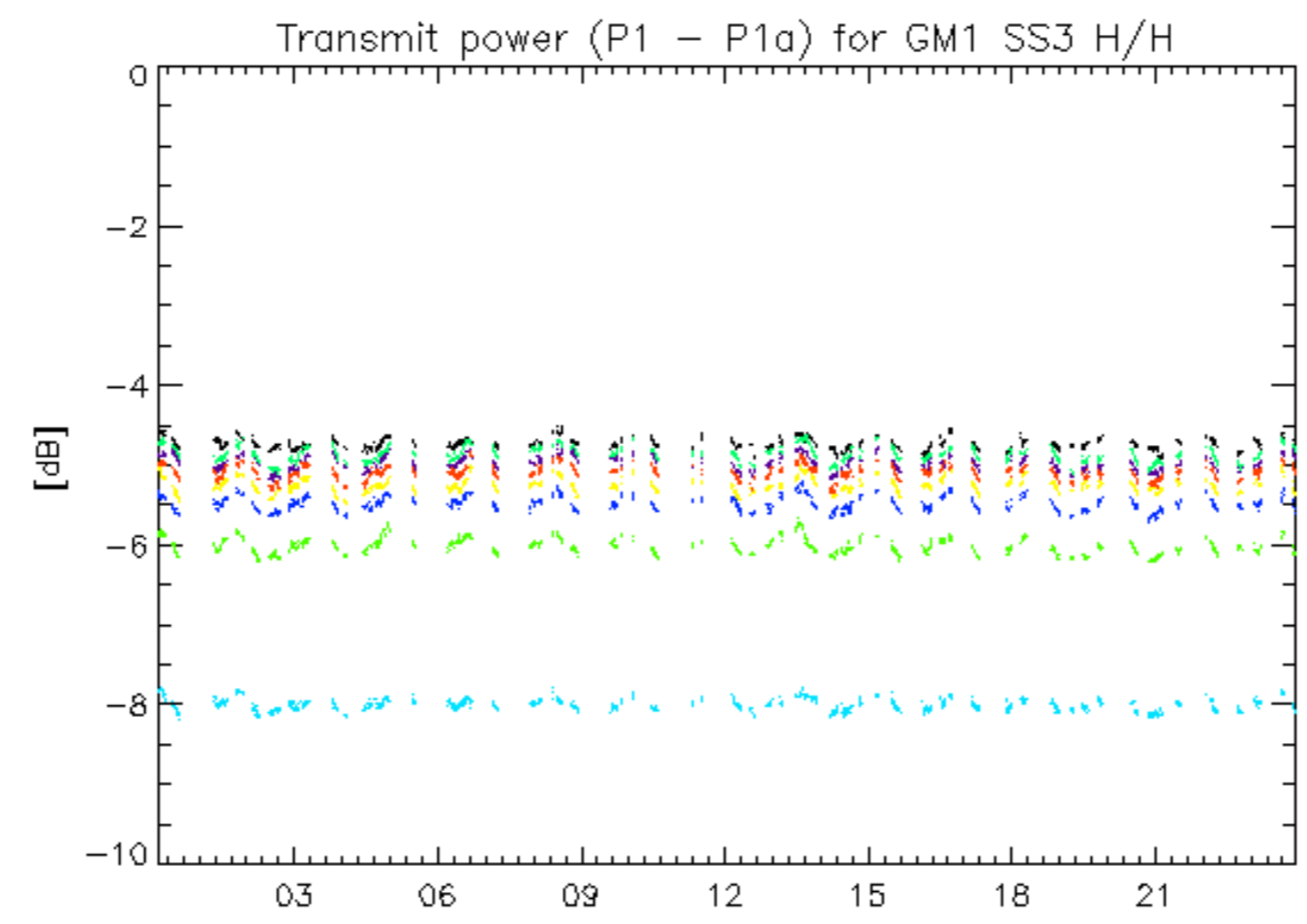
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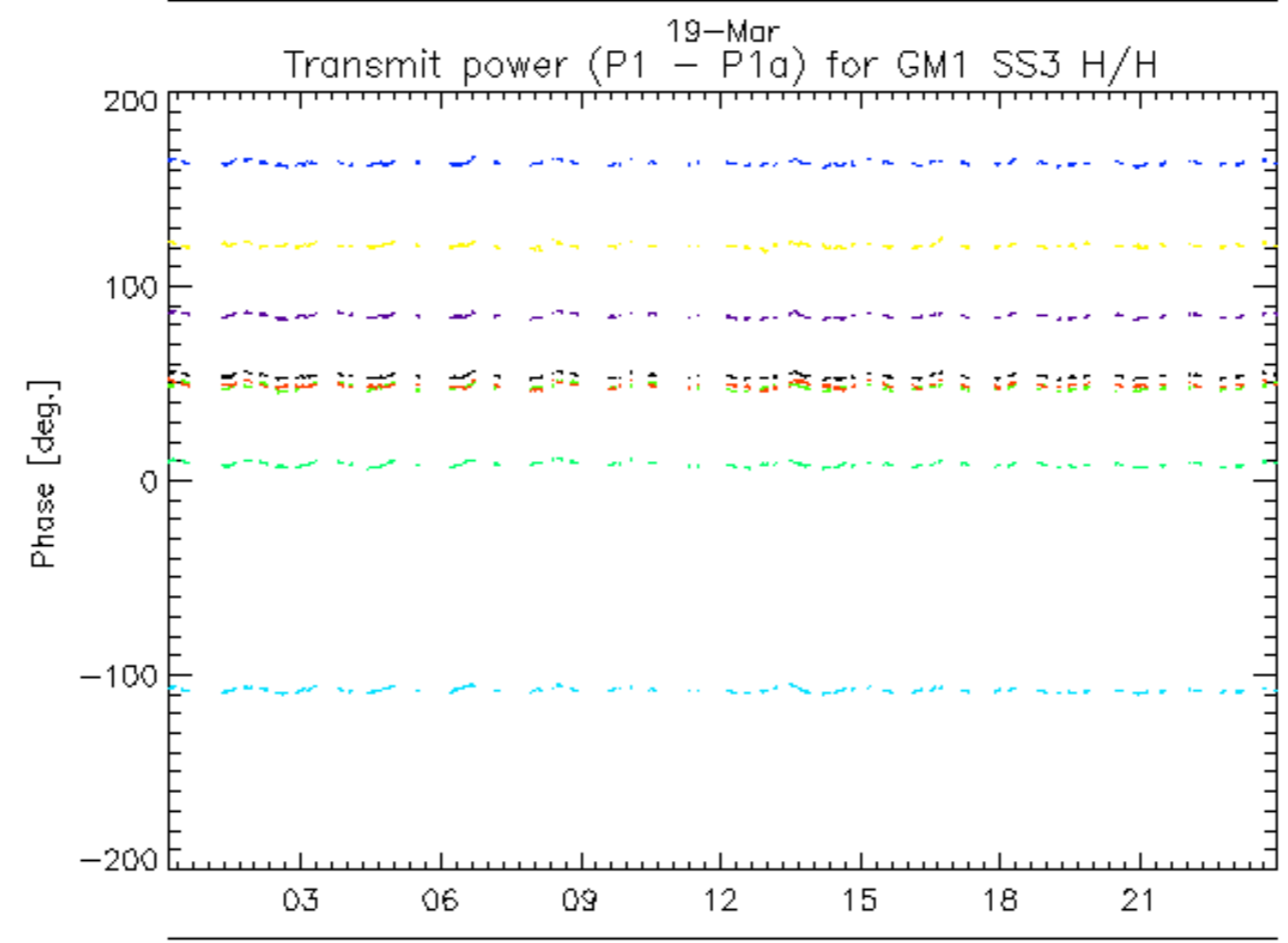
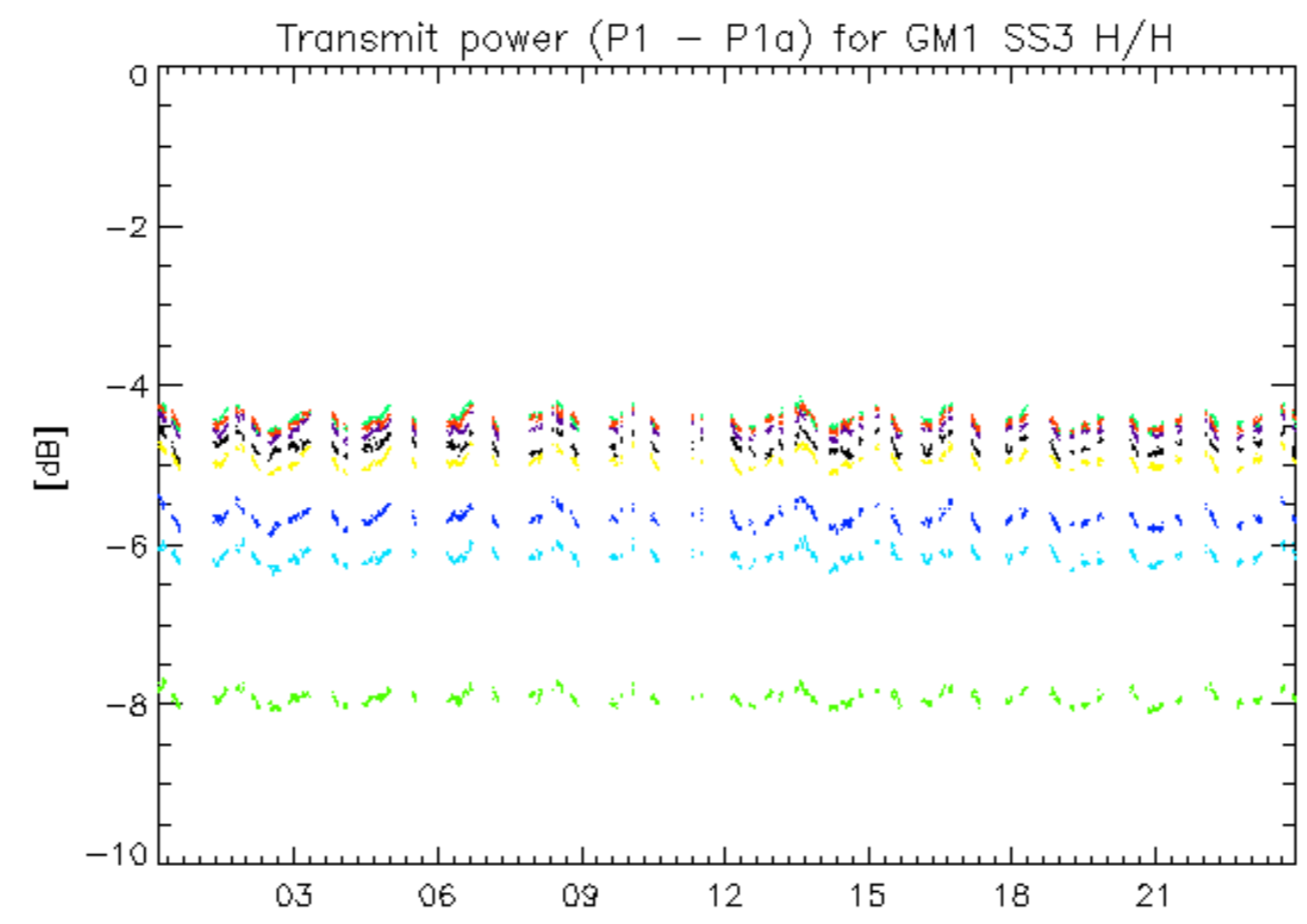




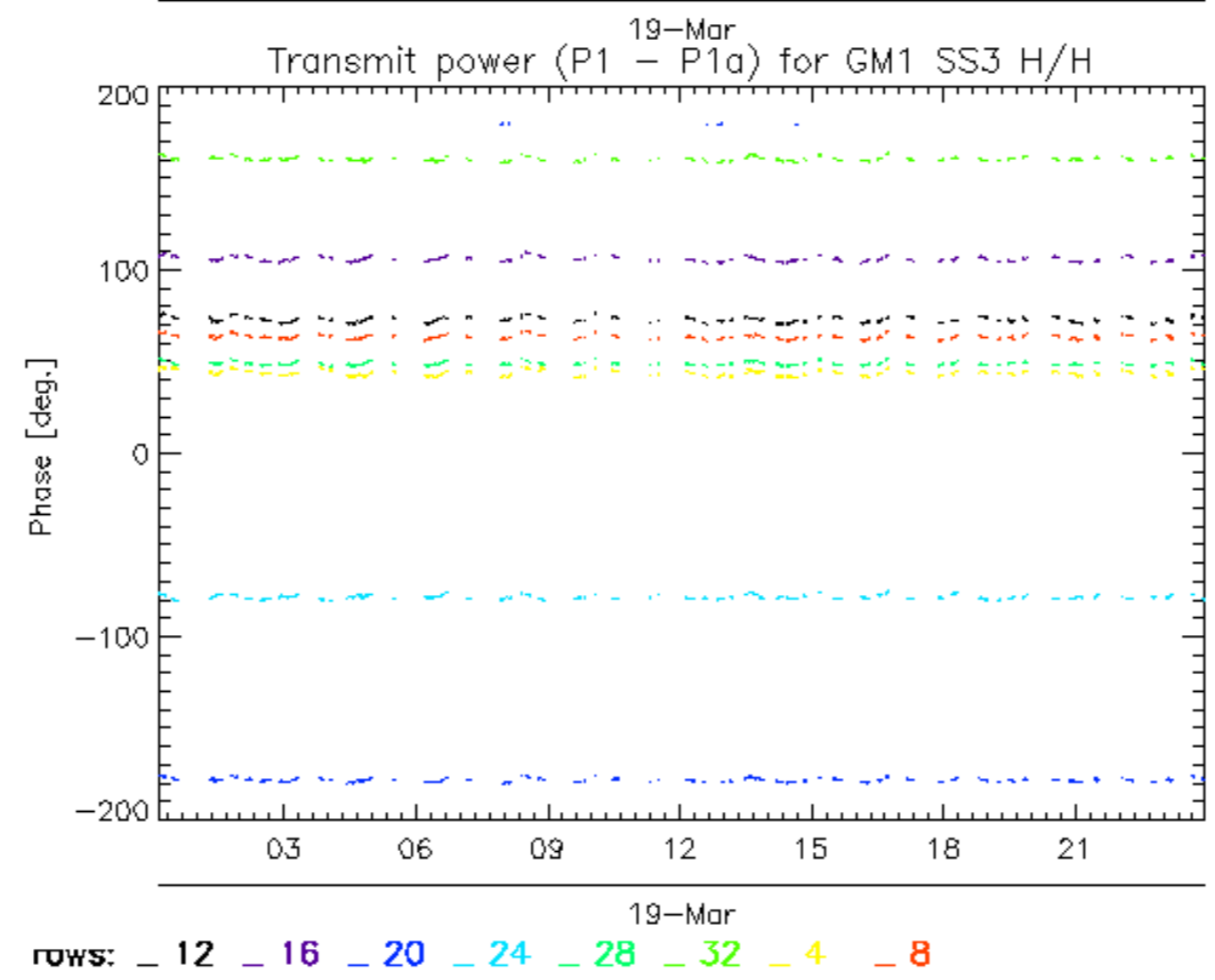
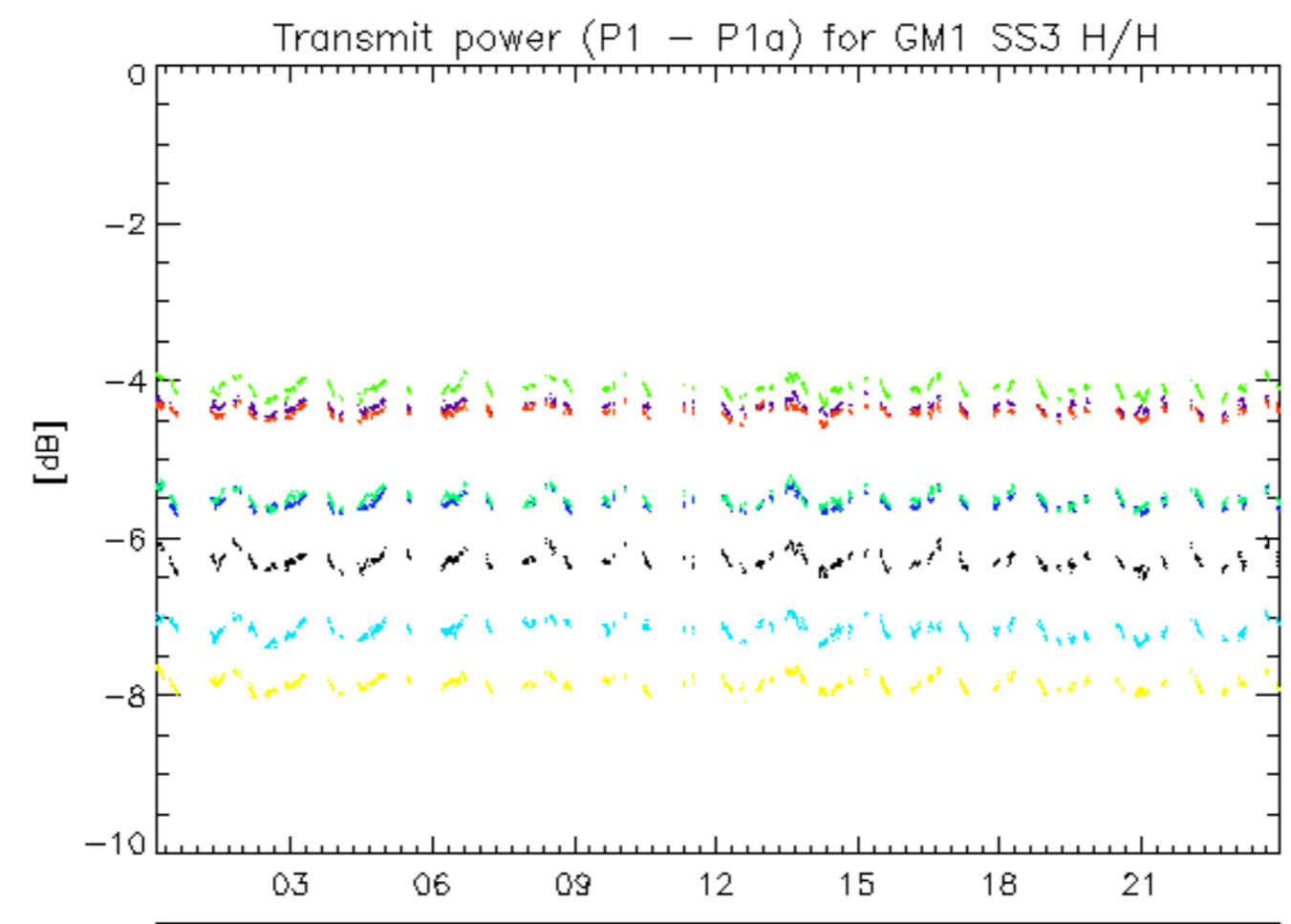


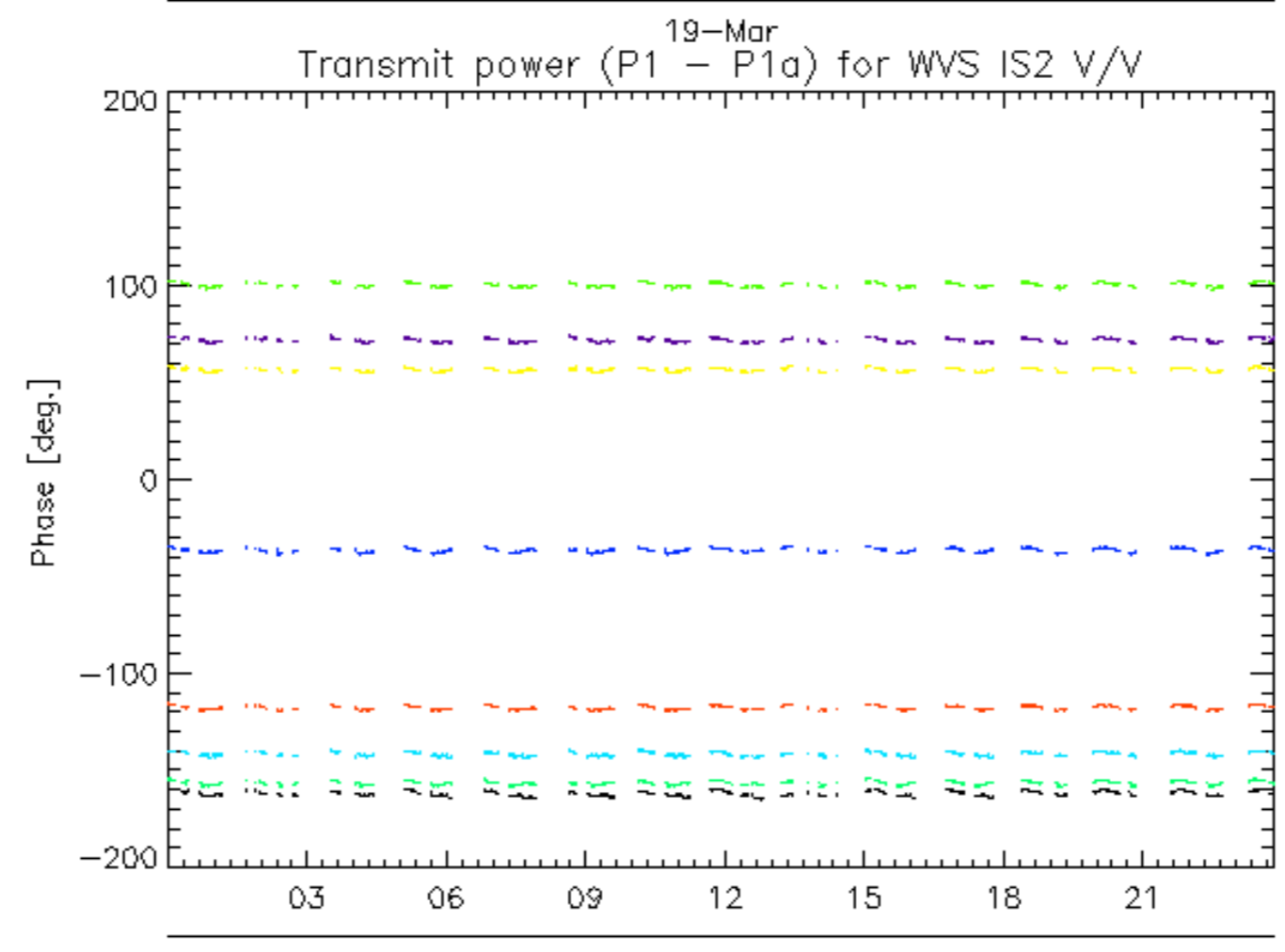
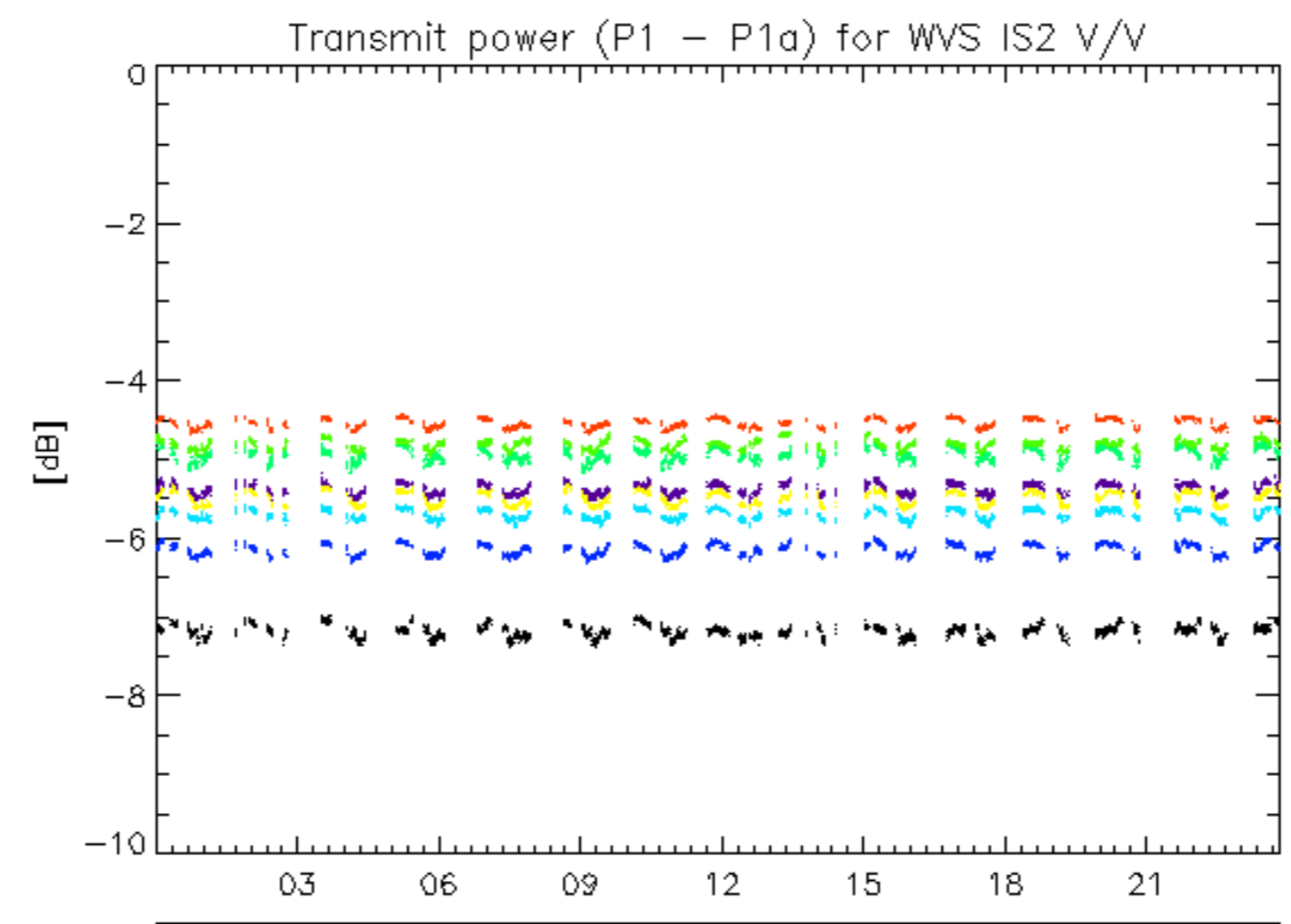




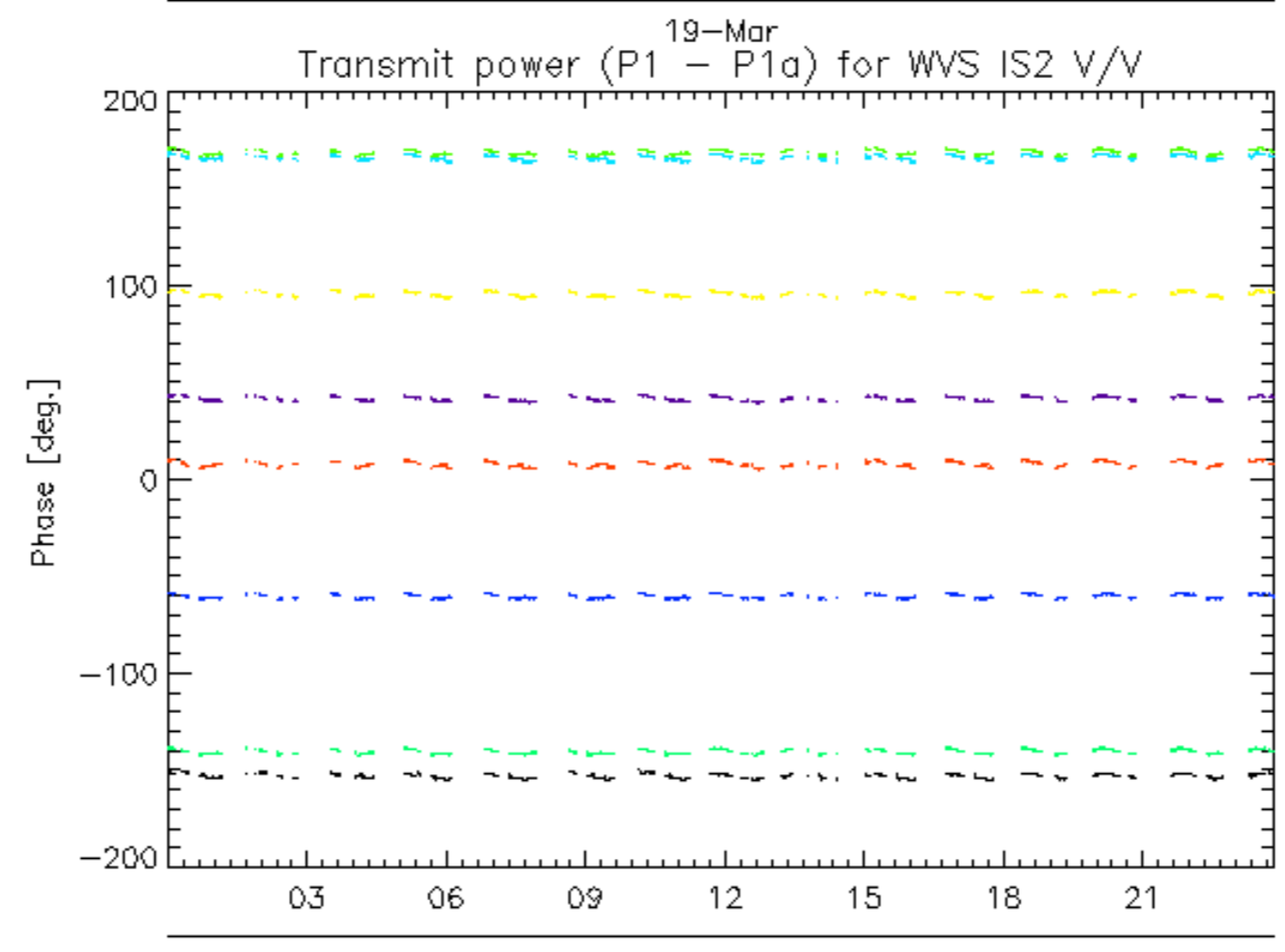
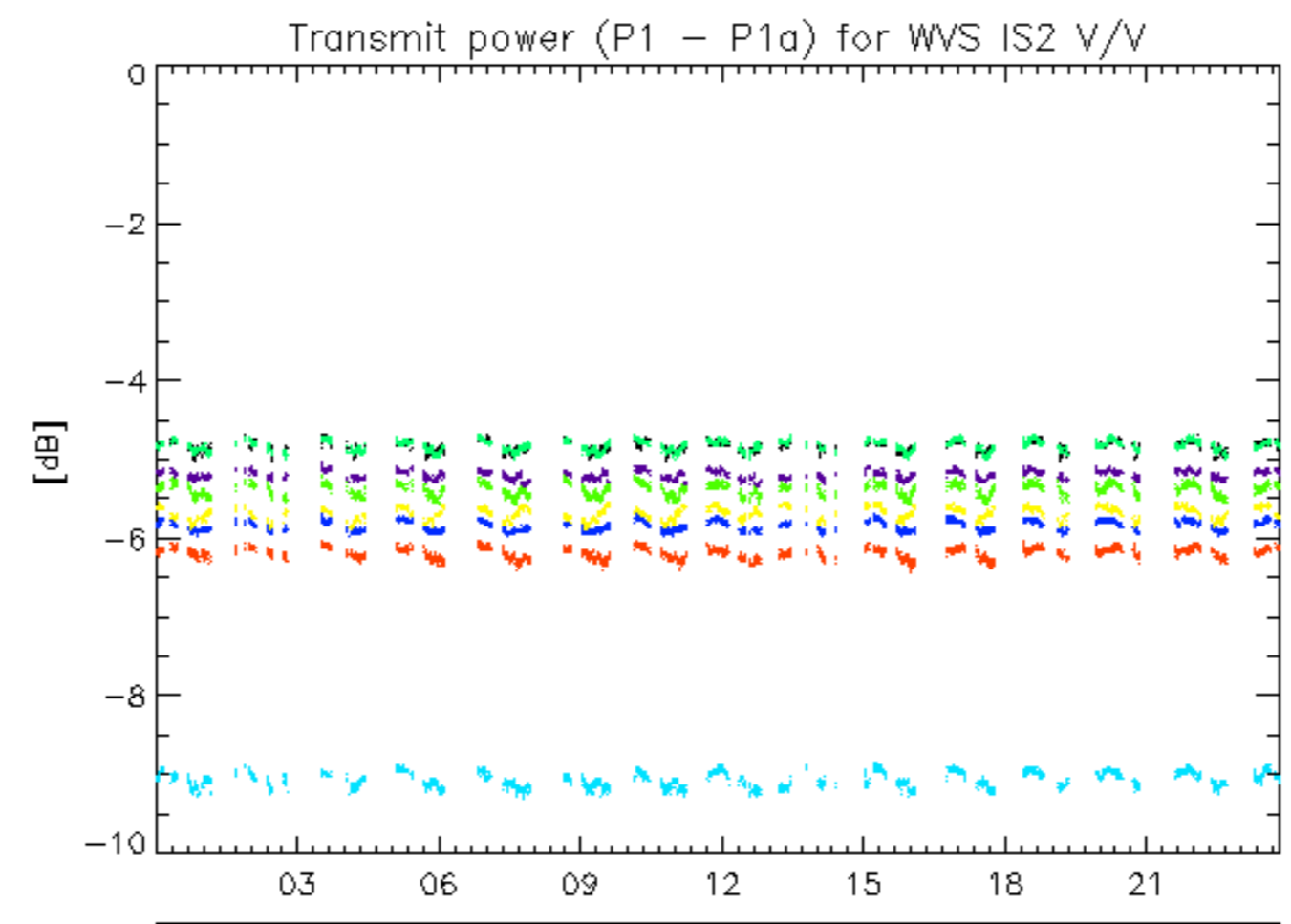


19-Mar  
rows: \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31 \_ 7

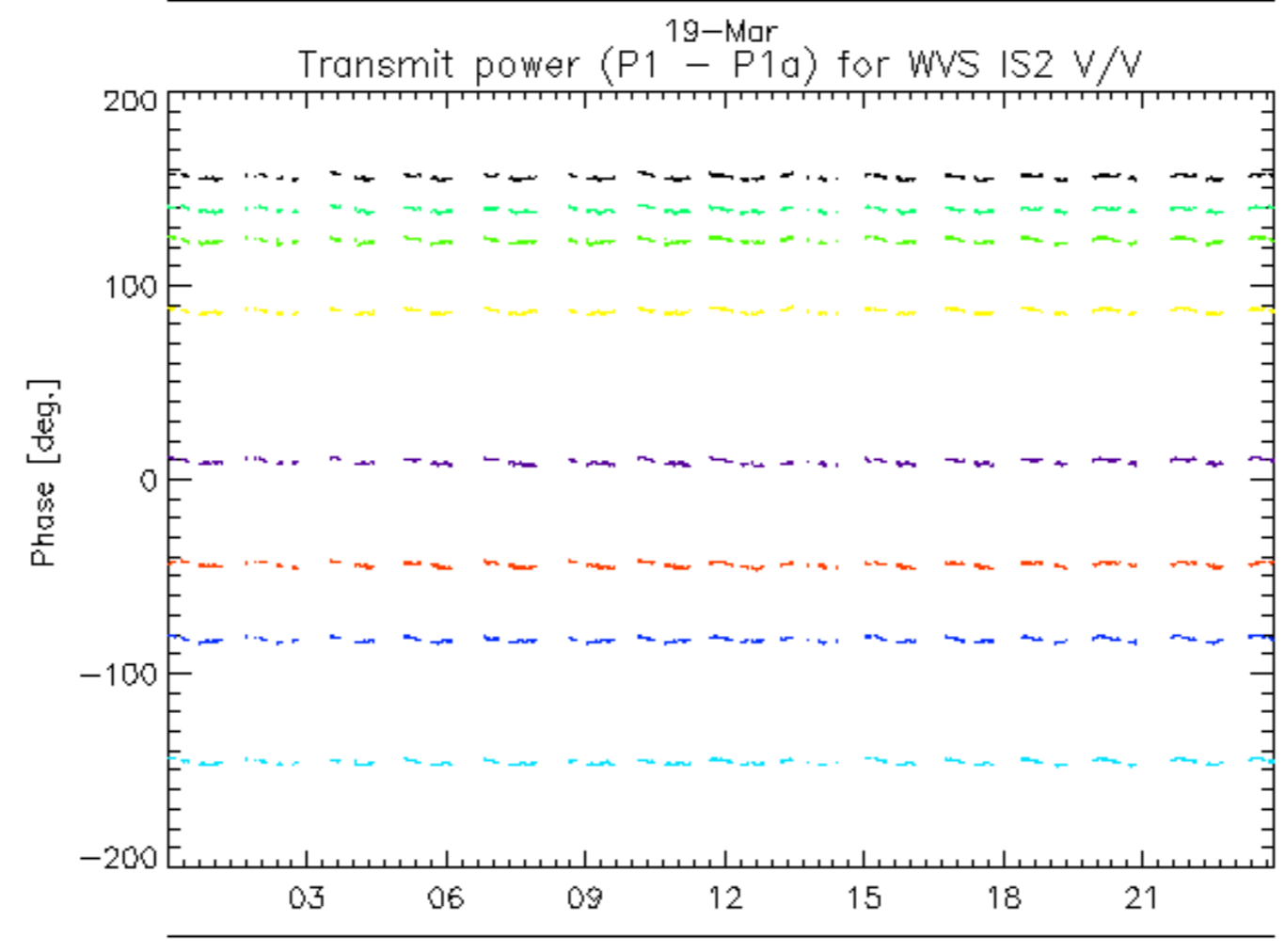
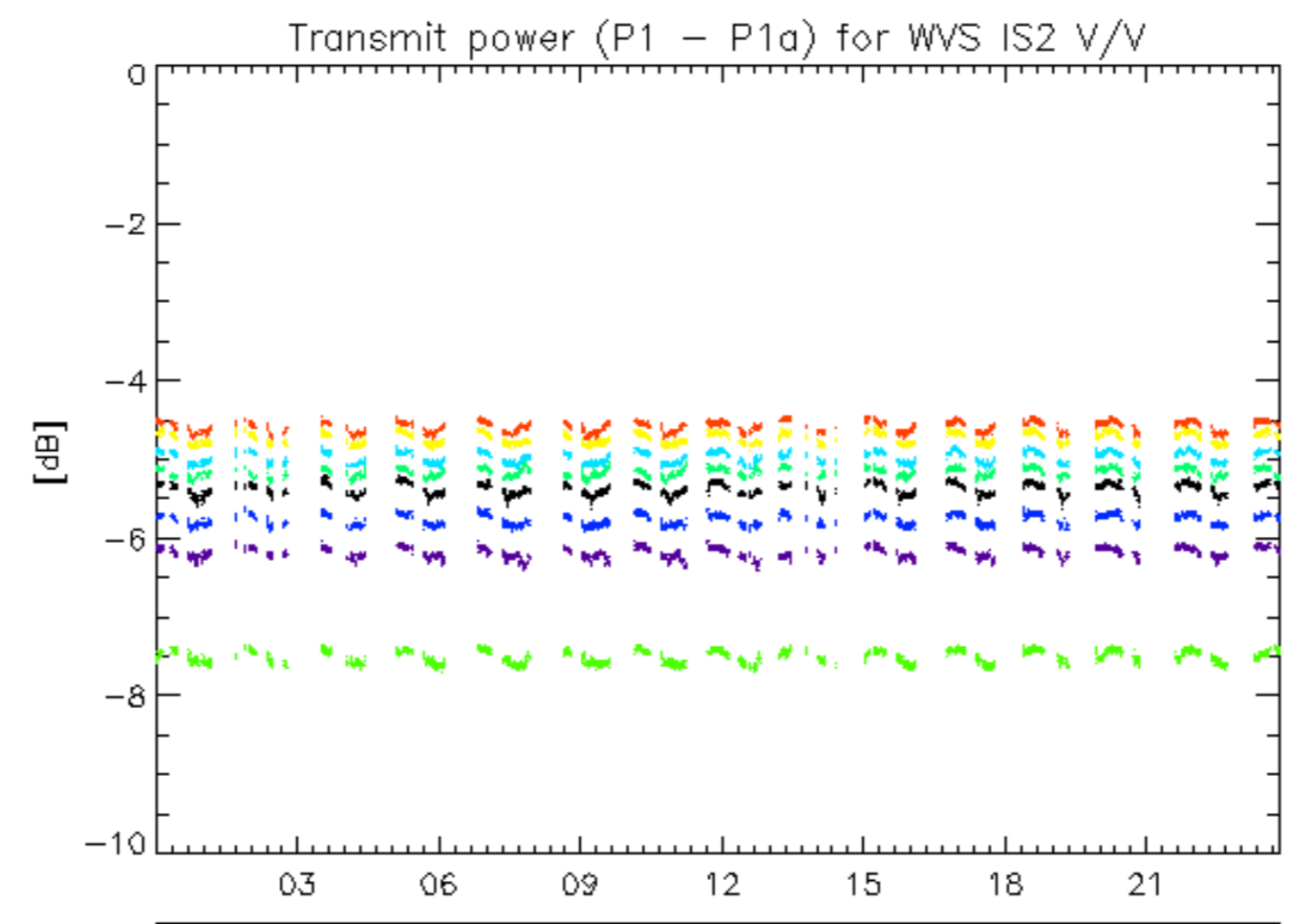




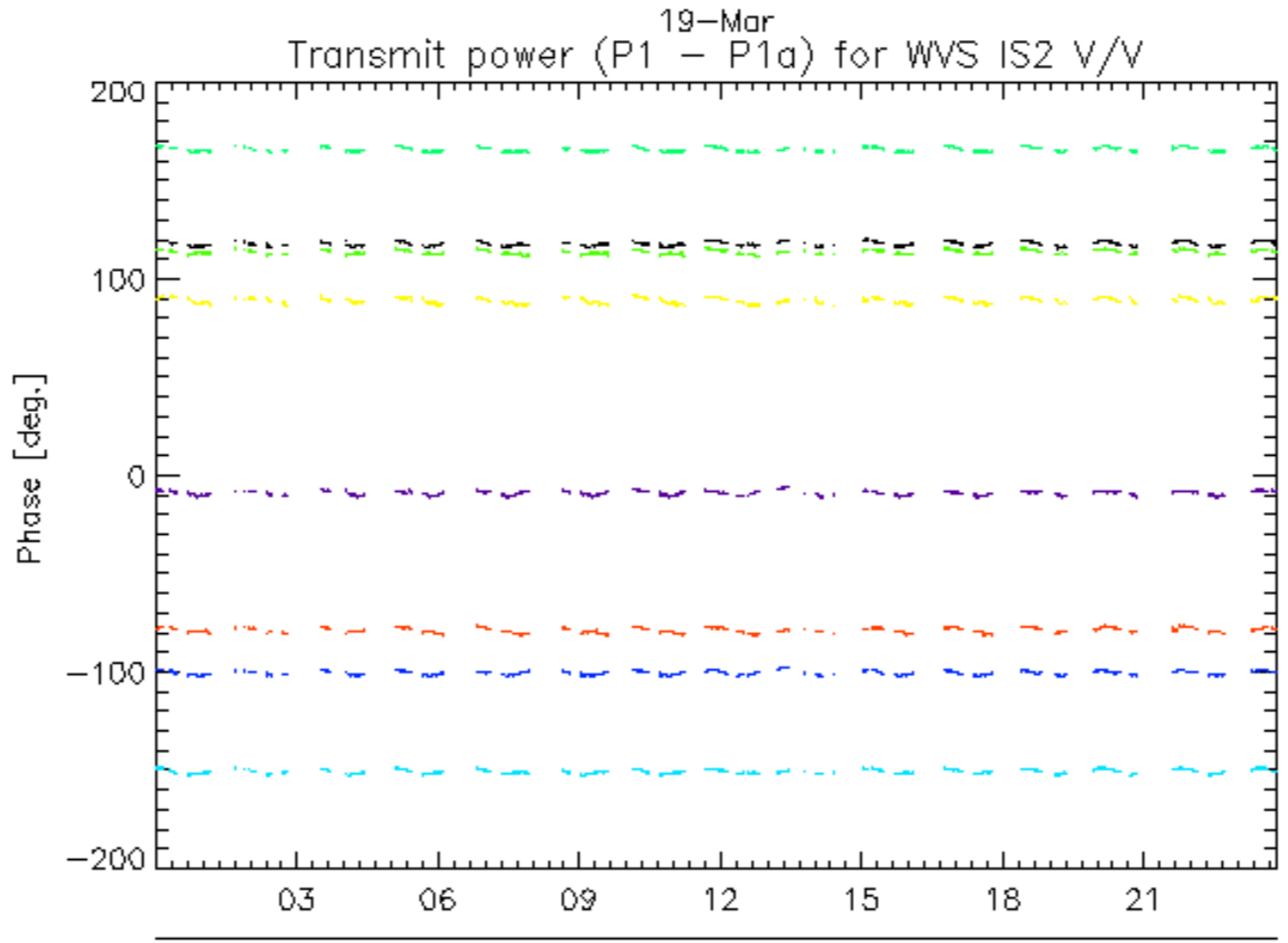
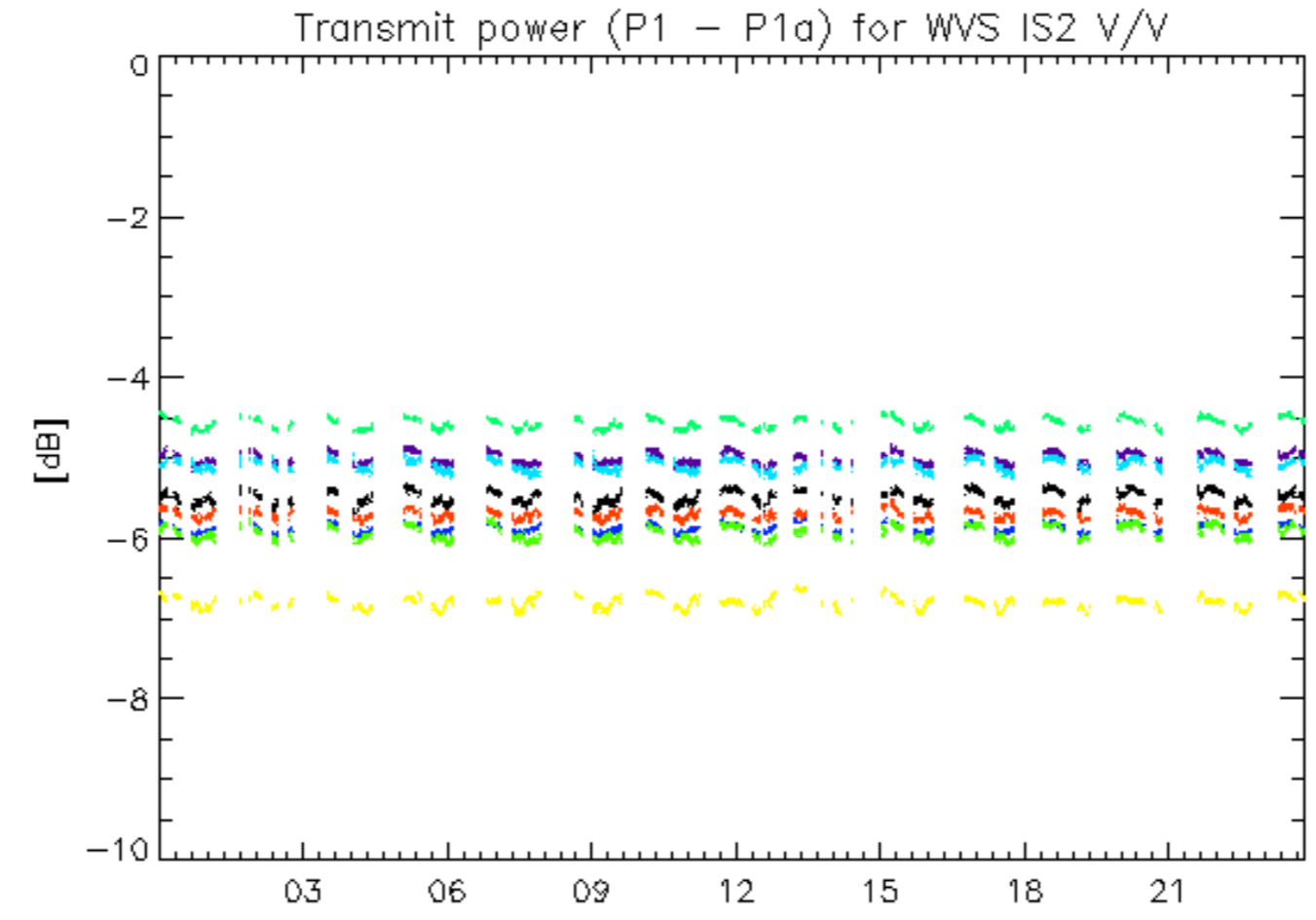
19-Mar  
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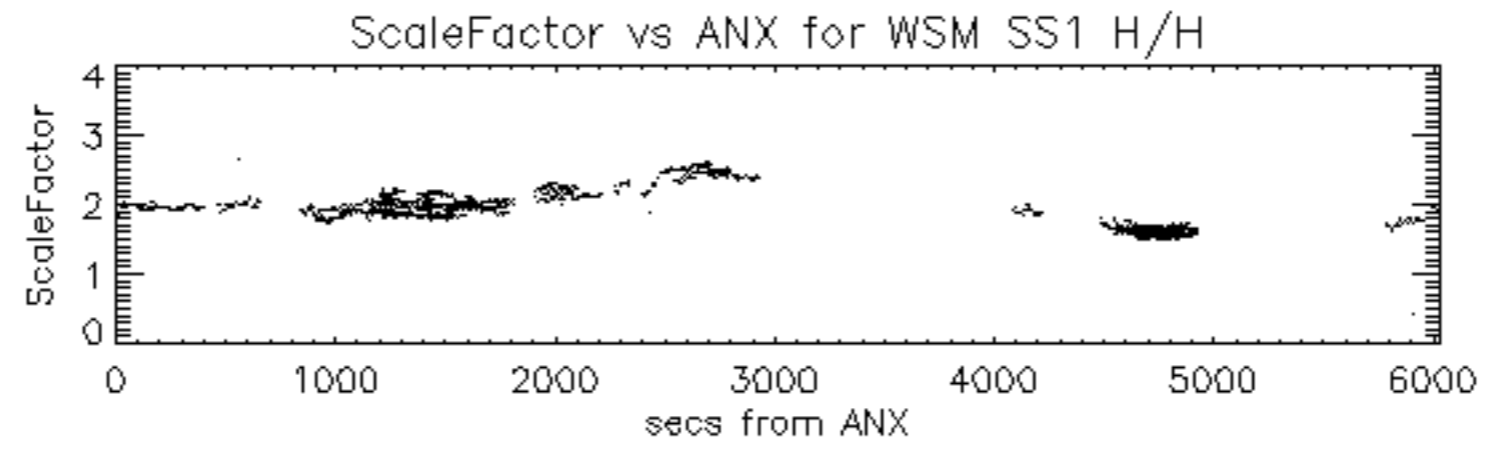
19-Mar  
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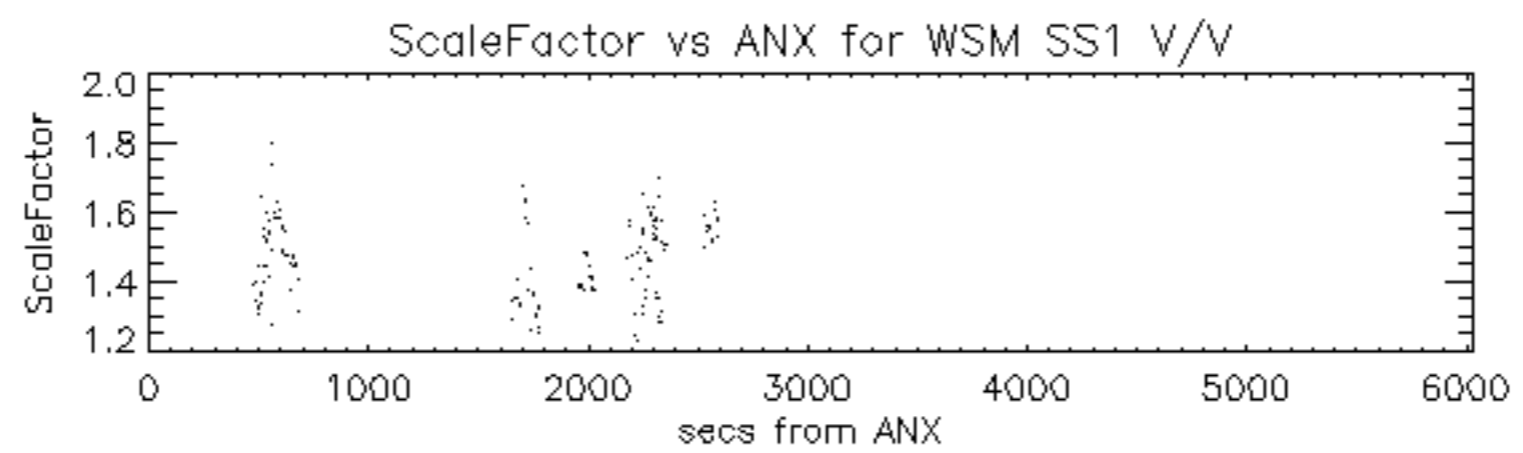
19-Mar  
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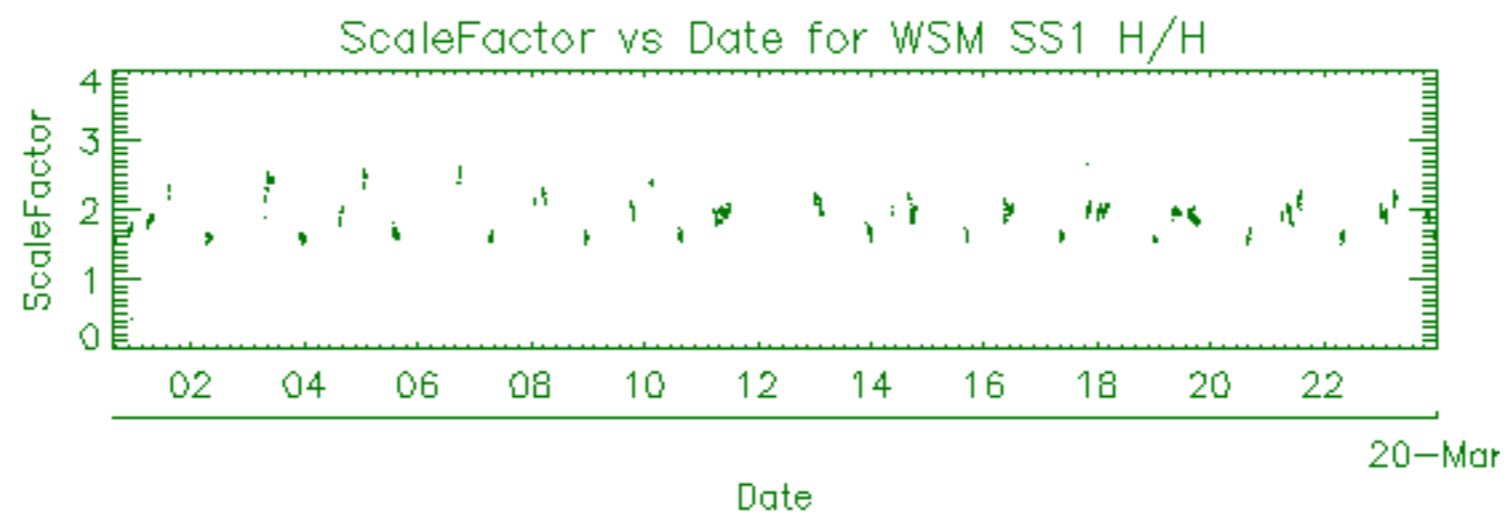


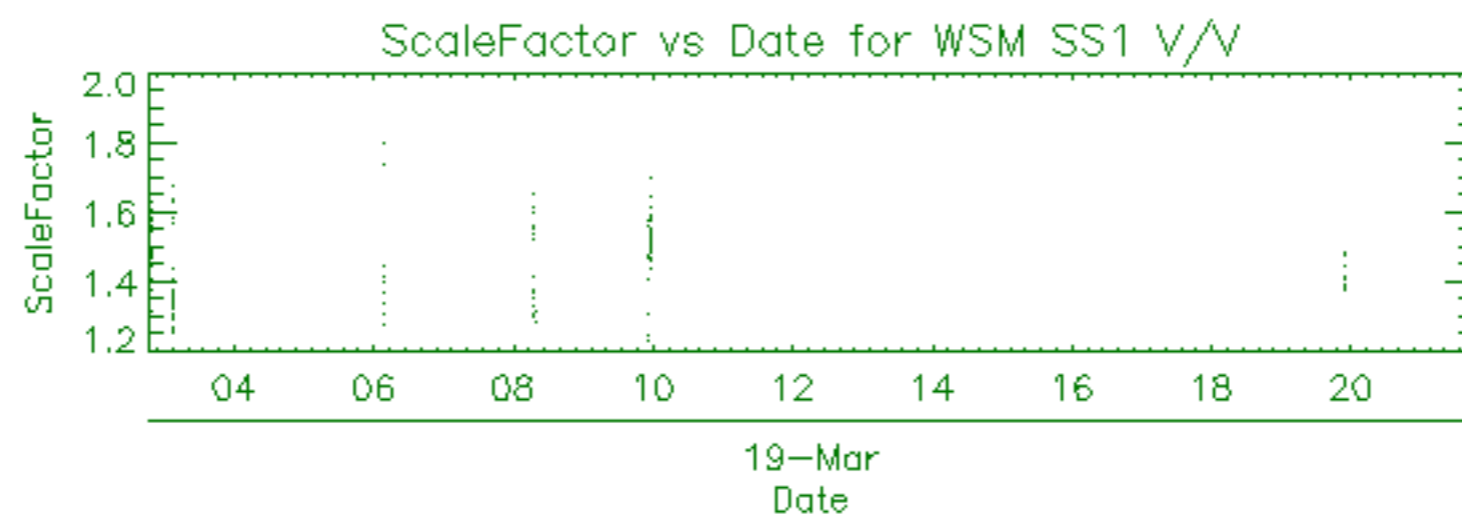
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120319_023455_000000443112_00405_52574_3875.N1						IS4	V/H	112	52574	405	5.04
ASA_APM_1PNPDE20120319_025052_000000433112_00406_52575_3879.N1						IS2	V/H	112	52575	406	5.04
ASA_APM_1PNPDE20120319_032714_000001003112_00406_52575_3877.N1						IS1	V/V	112	52575	406	5.04
ASA_APM_1PNPDE20120319_042256_000000863112_00407_52576_3911.N1						IS1	V/H	112	52576	407	5.04
ASA_APM_1PNPDE20120319_043202_000000433112_00407_52576_3913.N1						IS7	H/H	112	52576	407	5.04
ASA_APM_1PNPDE20120319_045939_000000443112_00407_52576_3916.N1						IS4	H/H	112	52576	407	5.04
ASA_APM_1PNPDE20120319_133239_000000743112_00412_52581_4130.N1						IS1	V/H	112	52581	412	5.04
ASA_APM_1PNPDE20120319_150755_000000433112_00413_52582_4133.N1						IS1	V/H	112	52582	413	5.04
ASA_APM_1PNPDE20120319_151156_000000403112_00413_52582_4134.N1						IS1	V/H	112	52582	413	5.04
ASA_APM_1PNPDE20120319_160607_000001153112_00414_52583_4135.N1						IS2	H/V	112	52583	414	5.04
ASA_APM_1PNPDE20120319_234252_000000423112_00418_52587_4196.N1						IS1	V/H	112	52587	418	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120319_000920_000005373112_00404_52573_3840.N1						SS1	H/H	112	52573	404	5.04
ASA_GM1_1PNPDE20120319_002652_000005923112_00404_52573_3842.N1						SS1	H/H	112	52573	404	5.04
ASA_GM1_1PNPDE20120319_011923_000010093112_00405_52574_3861.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_014638_000002893112_00405_52574_3864.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_015417_000001753112_00405_52574_3862.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_020704_000005373112_00405_52574_3867.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_022831_000003863112_00405_52574_3882.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_023600_000003383112_00405_52574_3880.N1						SS1	H/H	112	52574	405	5.04
ASA_GM1_1PNPDE20120319_025156_000008523112_00406_52575_3883.N1						SS1	H/H	112	52575	406	5.04
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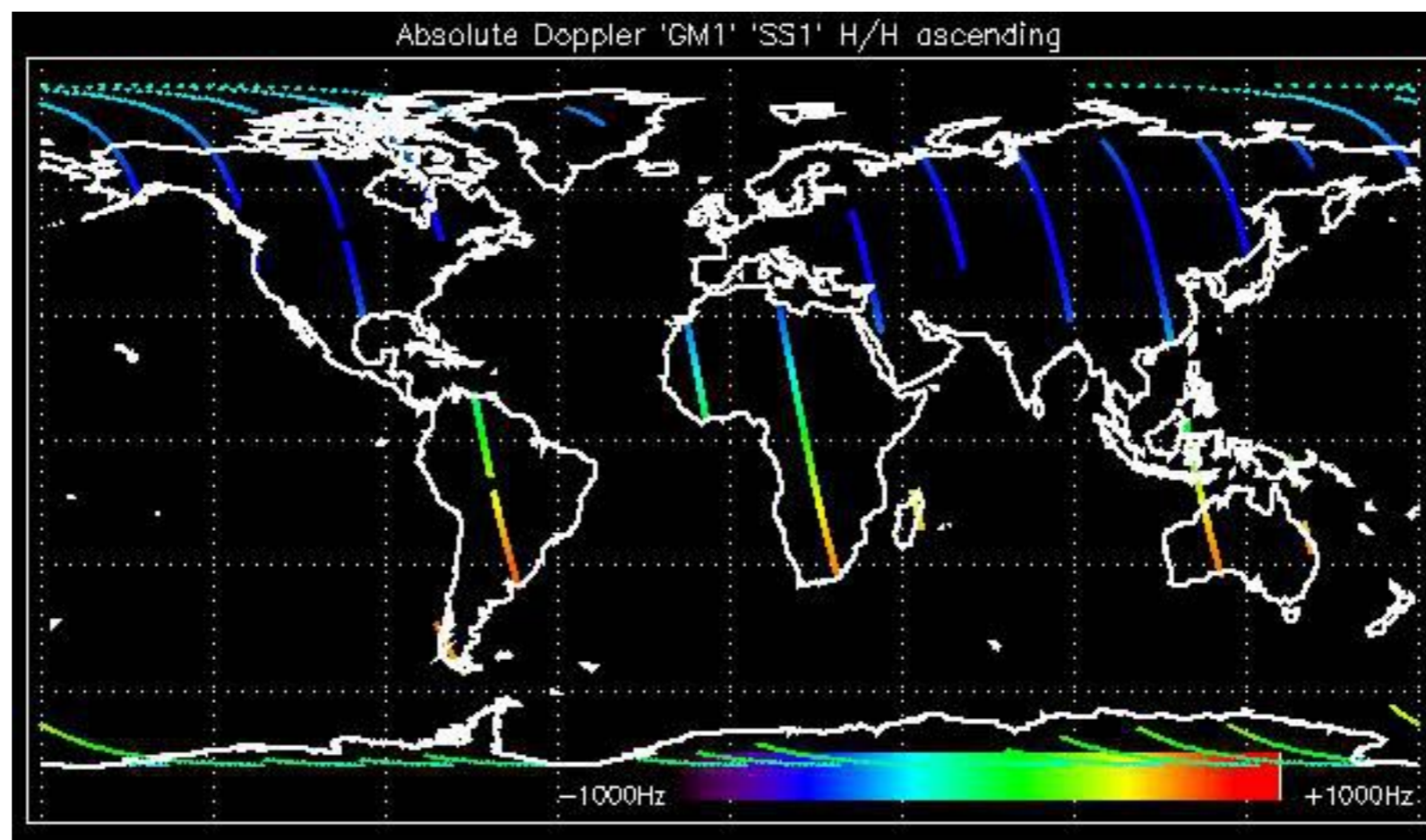
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ASA_IMM_1PNPDK20120319_124919_000000823112_00412_52581_0890.N1						IS6	H/H	112	52581	412	5.04
ASA_IMM_1PNPDE20120319_163637_000002083112_00414_52583_4142.N1						IS6	H/H	112	52583	414	5.04
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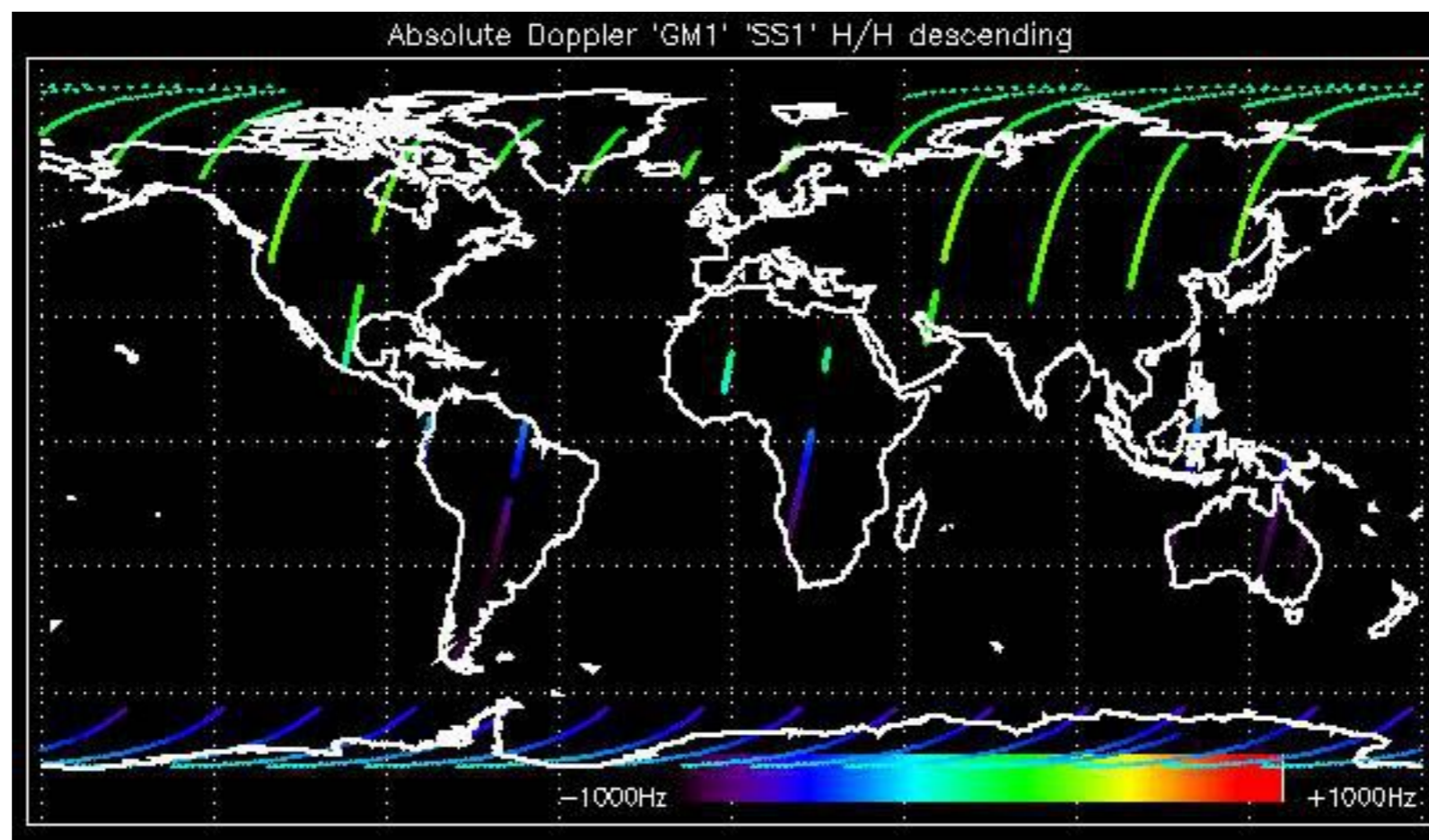
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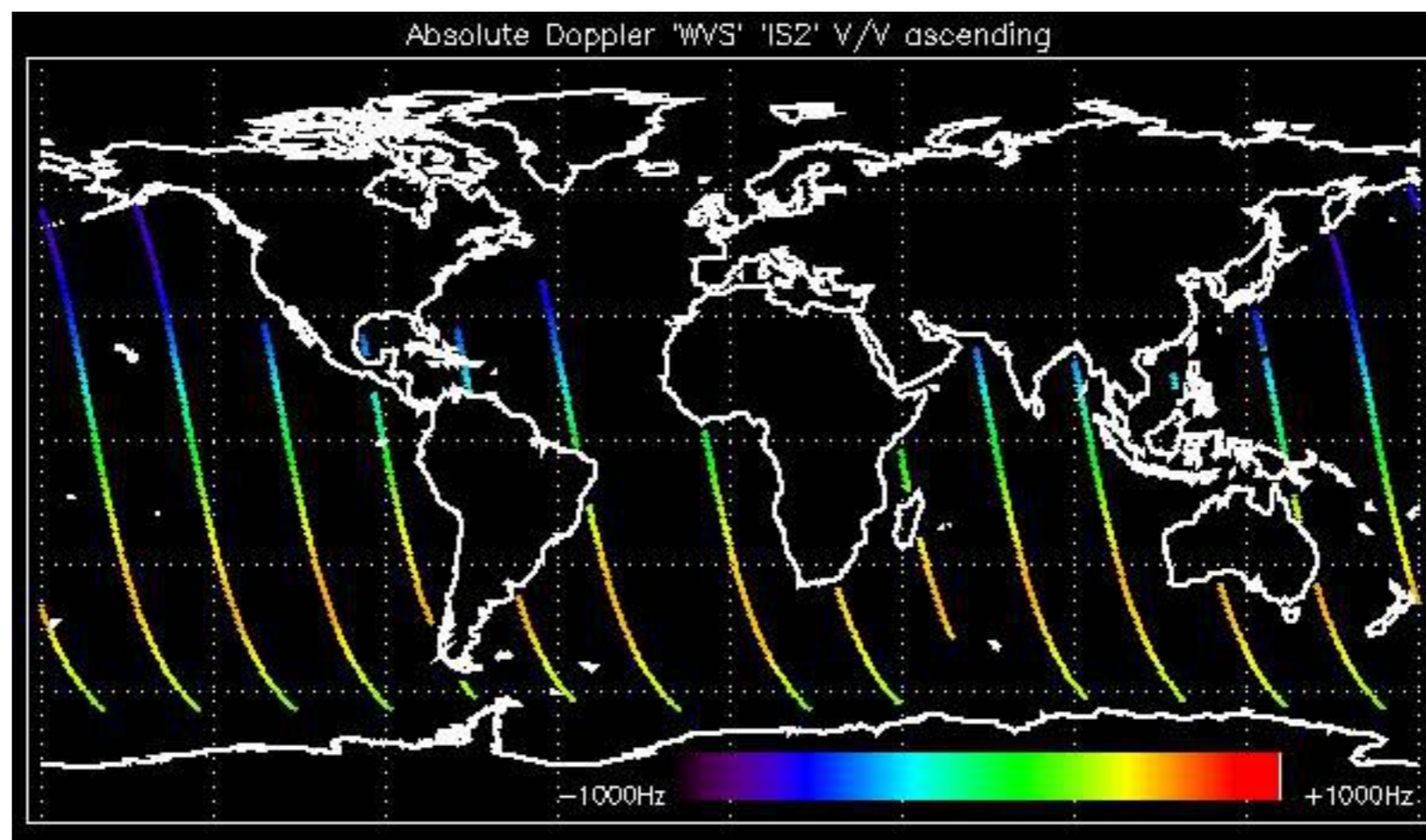


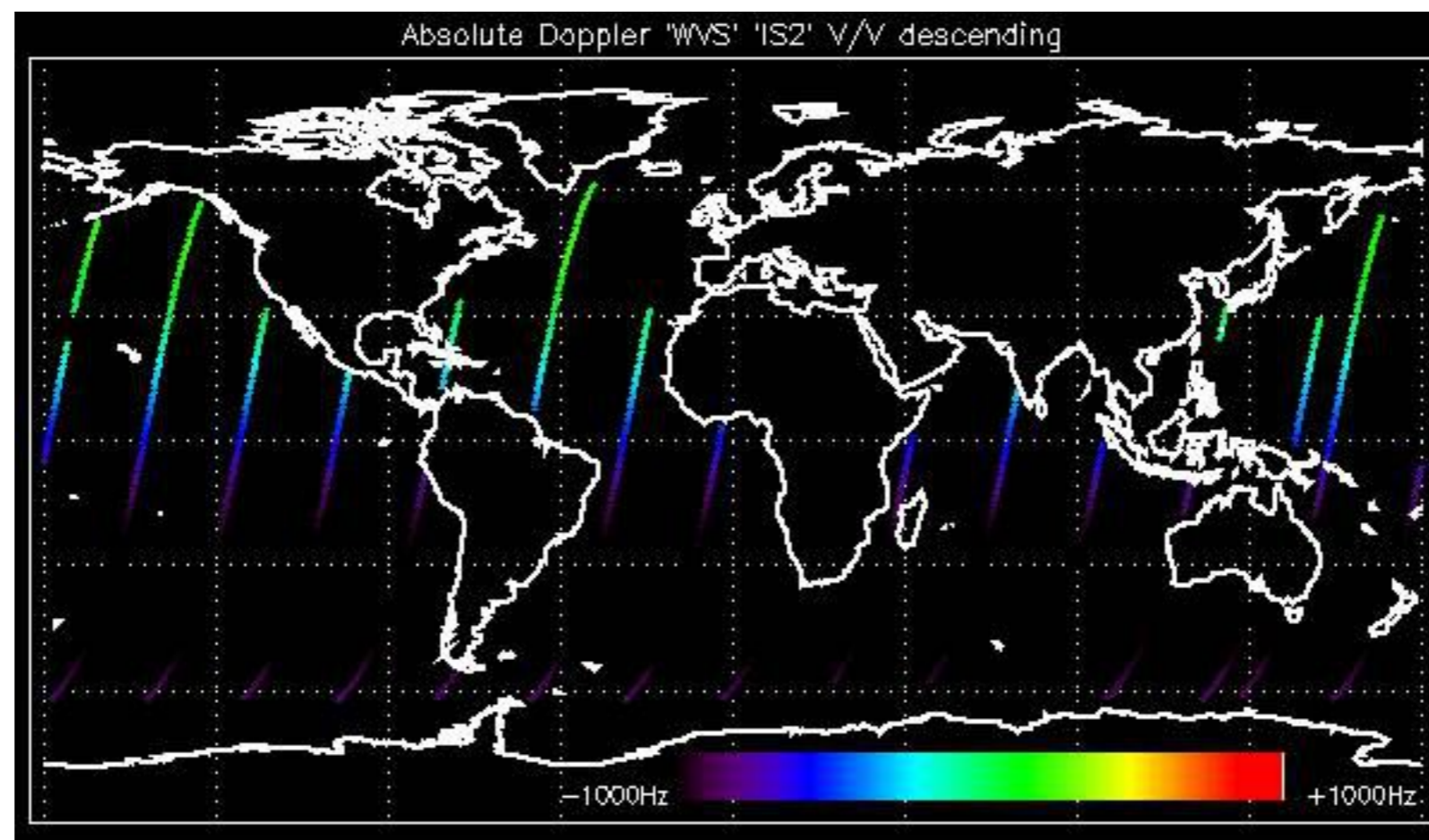
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ASA_WSM_1PNPDE20120319_013615_000000923112_00405_52574_3856.N1						SS1	H/H	112	52574	405	5.04
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ASA_WSM_1PNPDE20120319_050117_000002513112_00407_52576_3920.N1						SS1	H/H	112	52576	407	5.04
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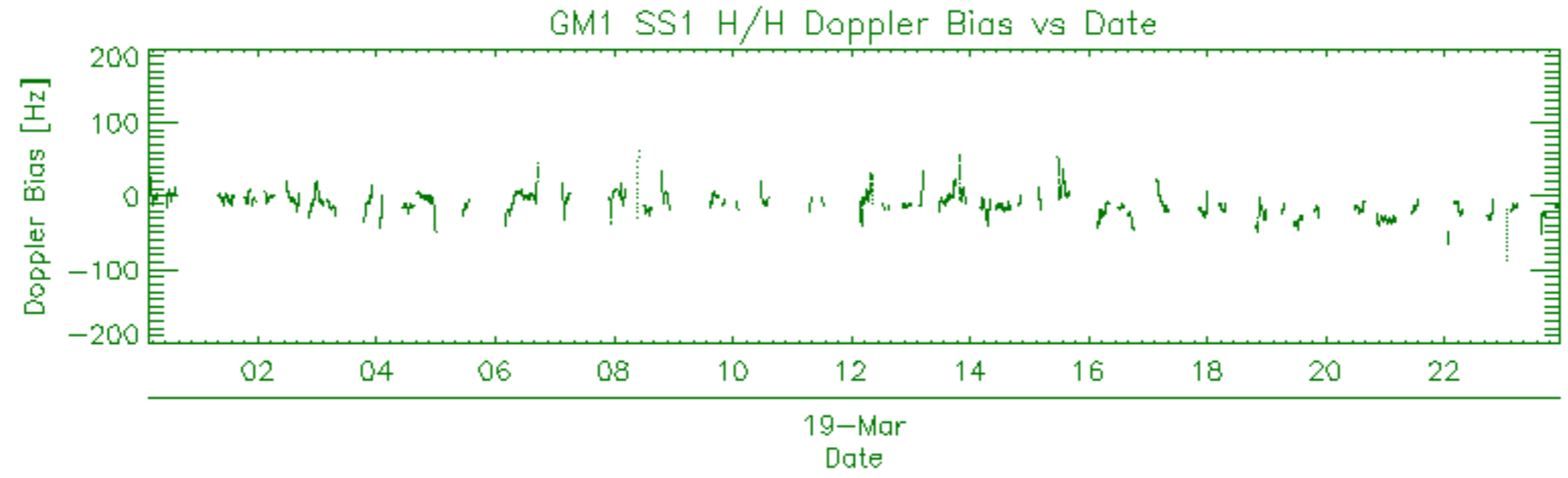
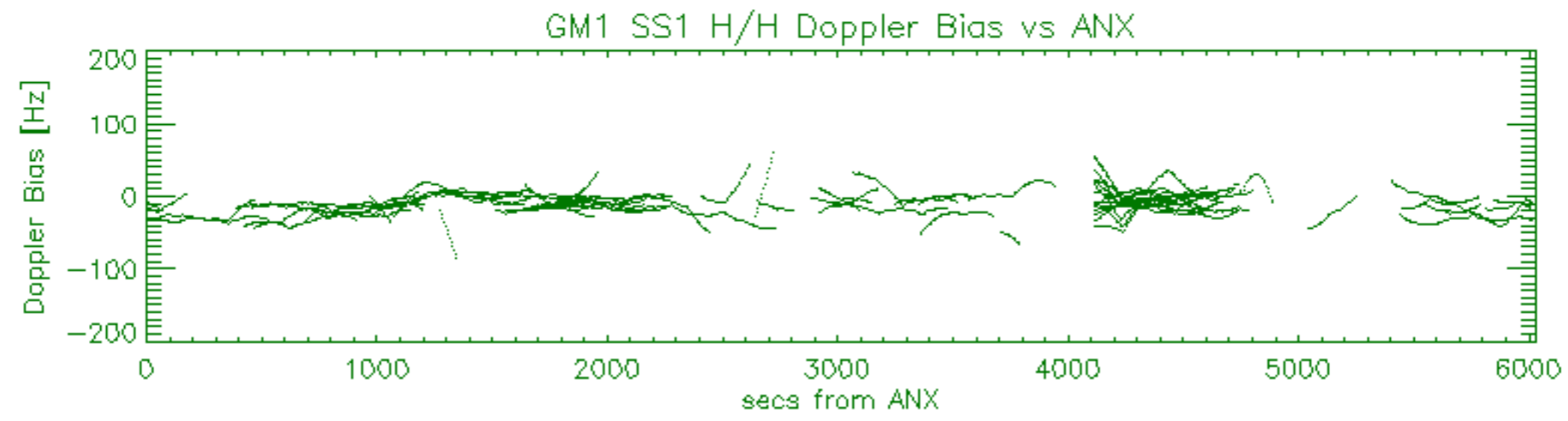
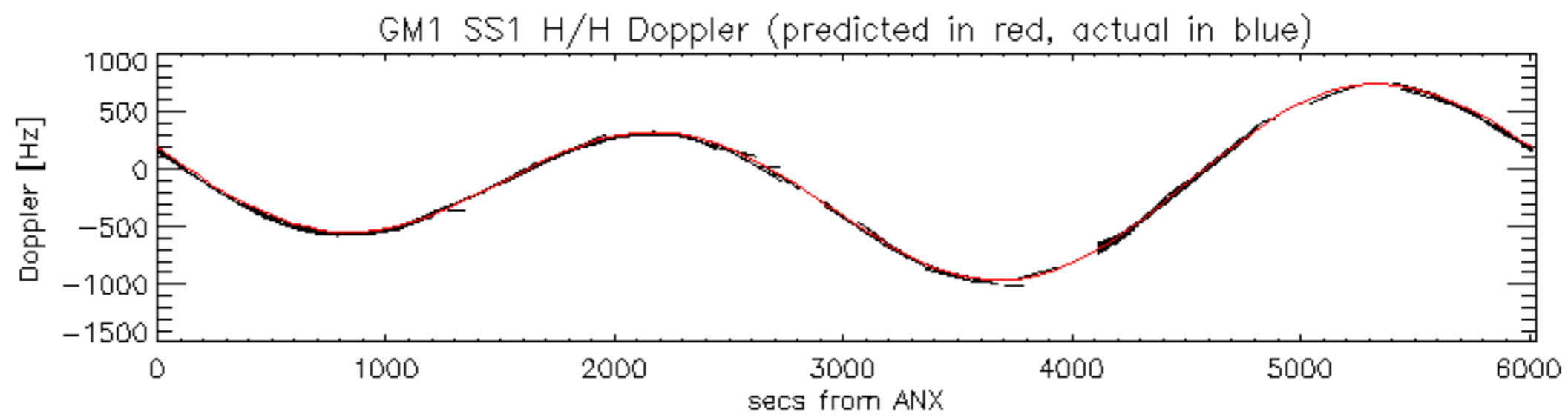
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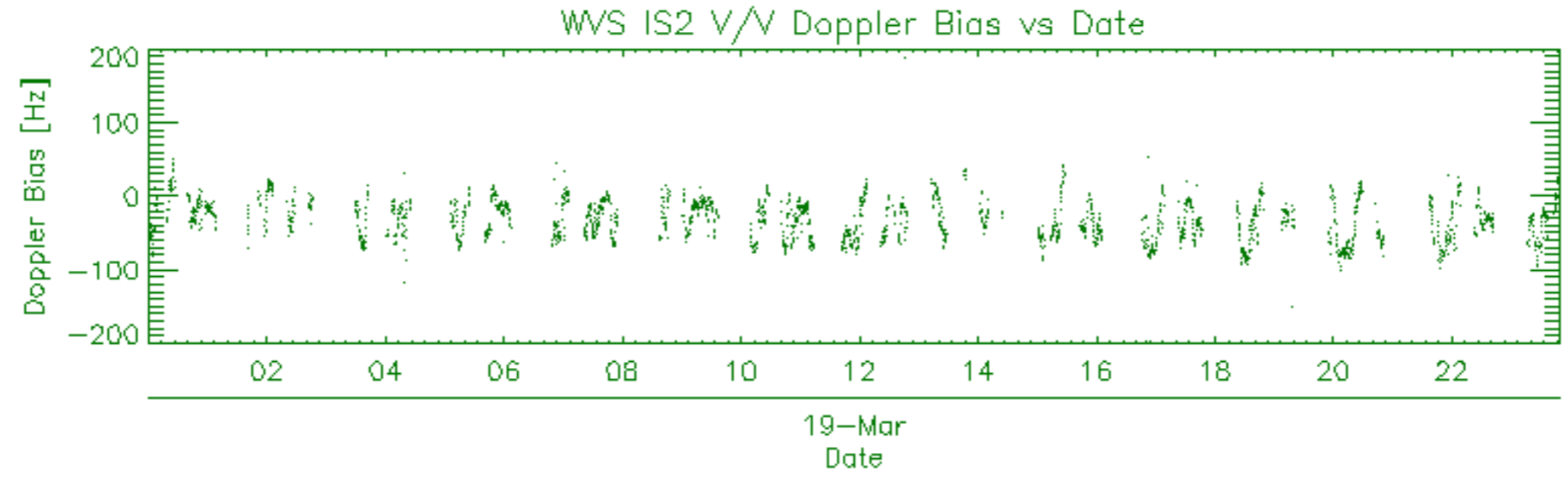
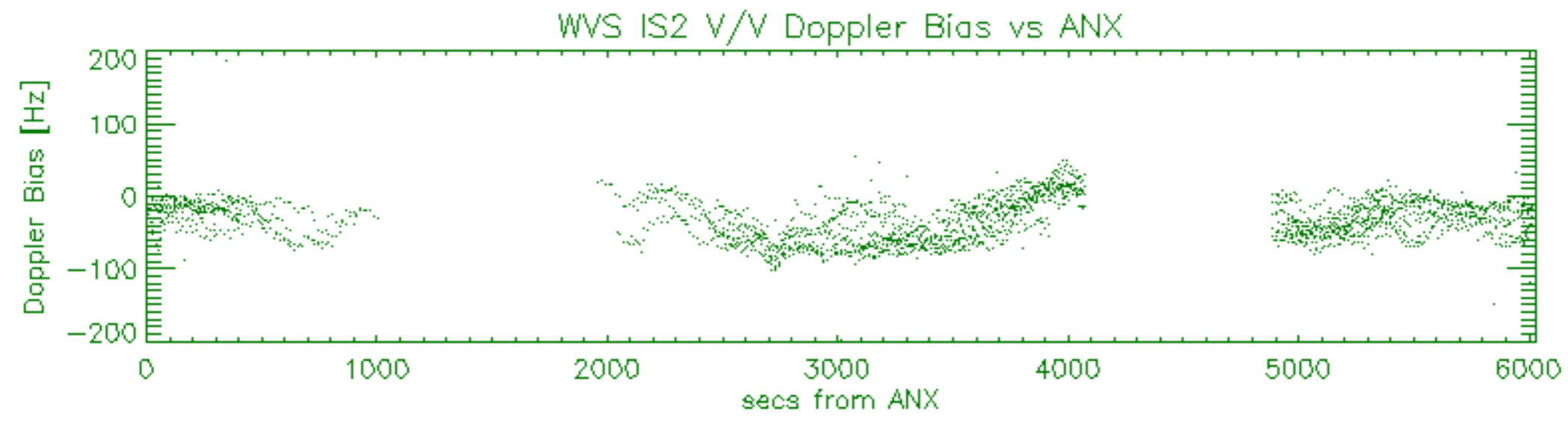
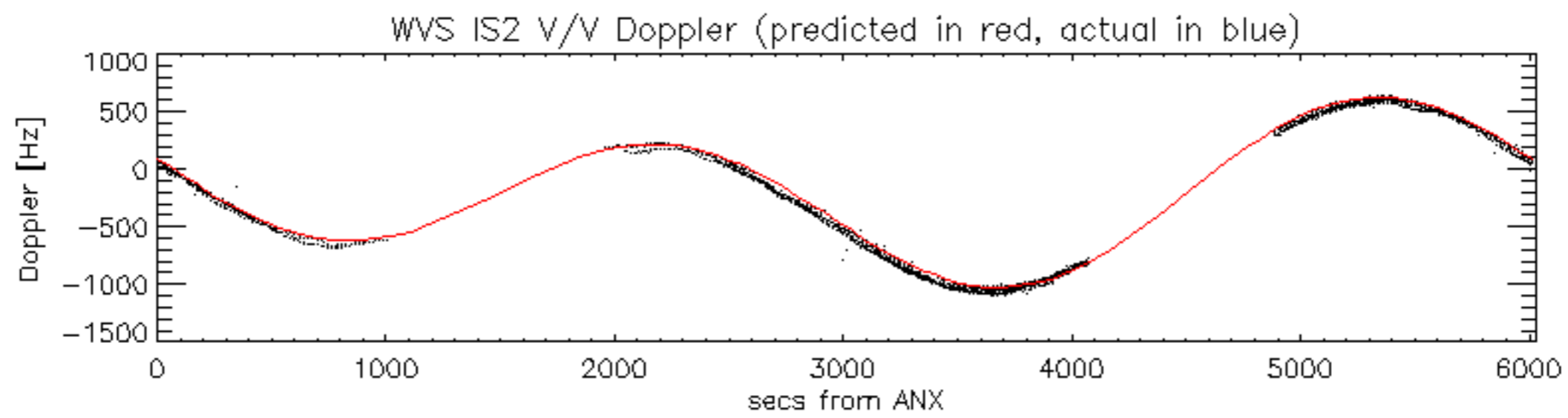




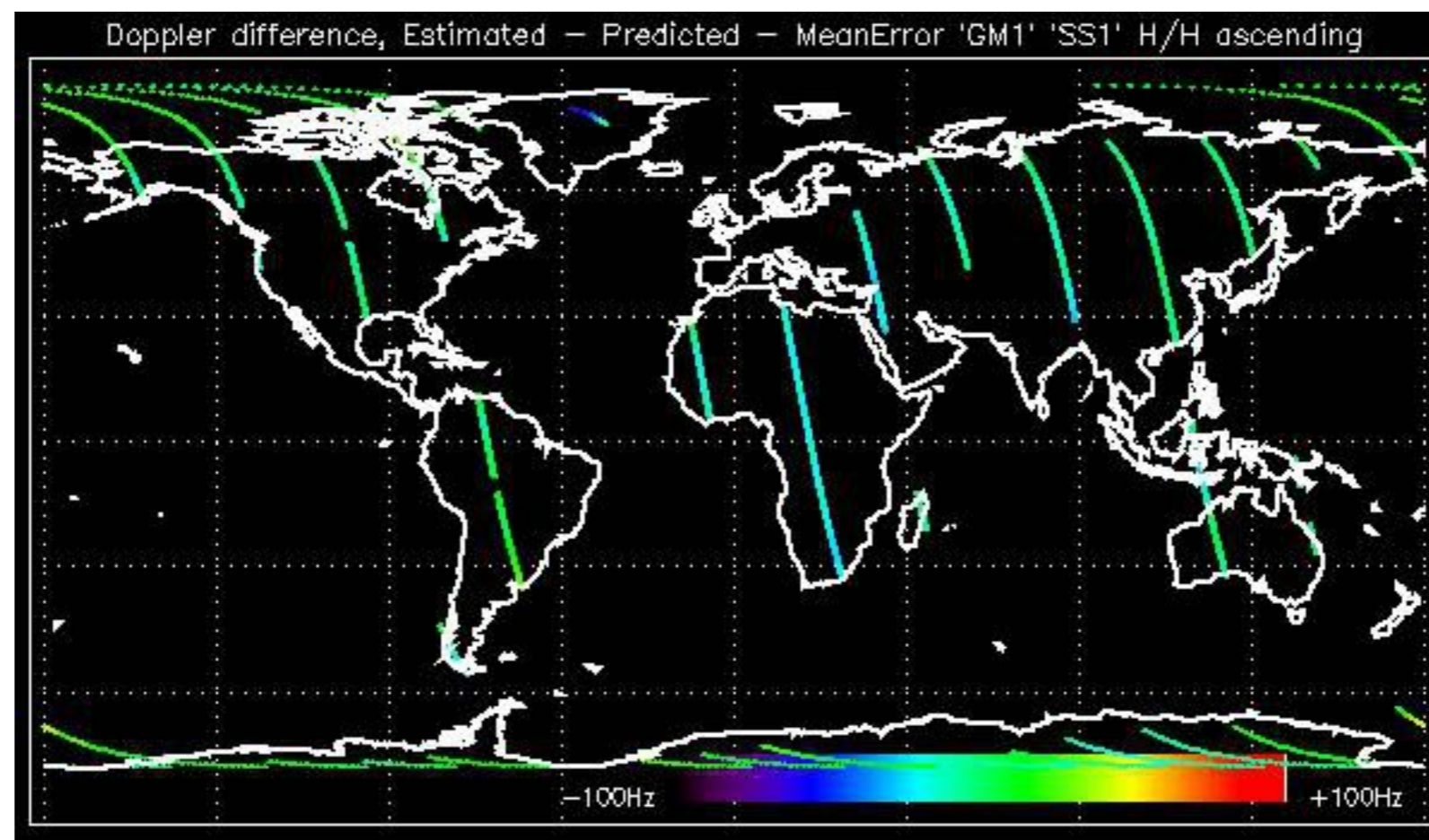


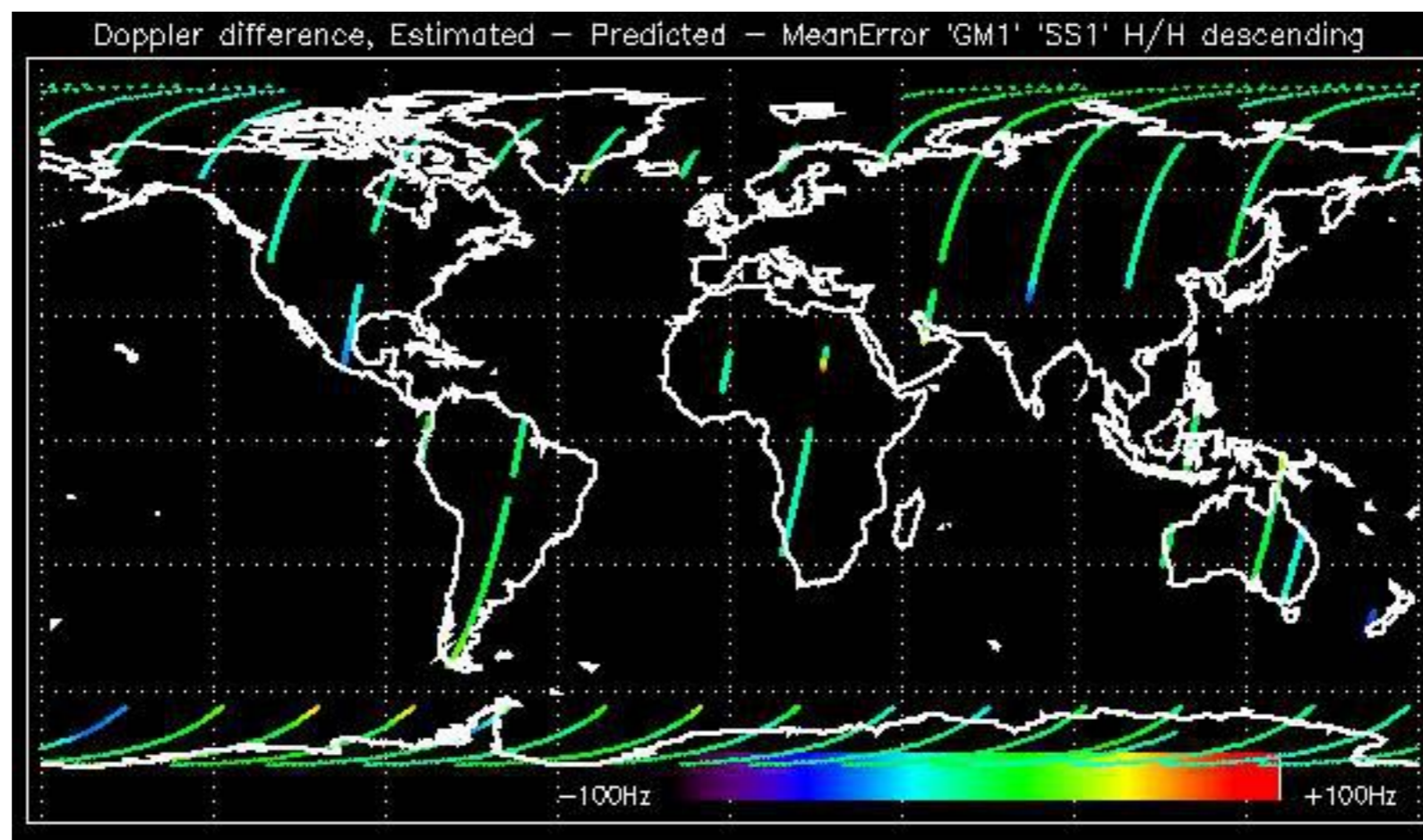


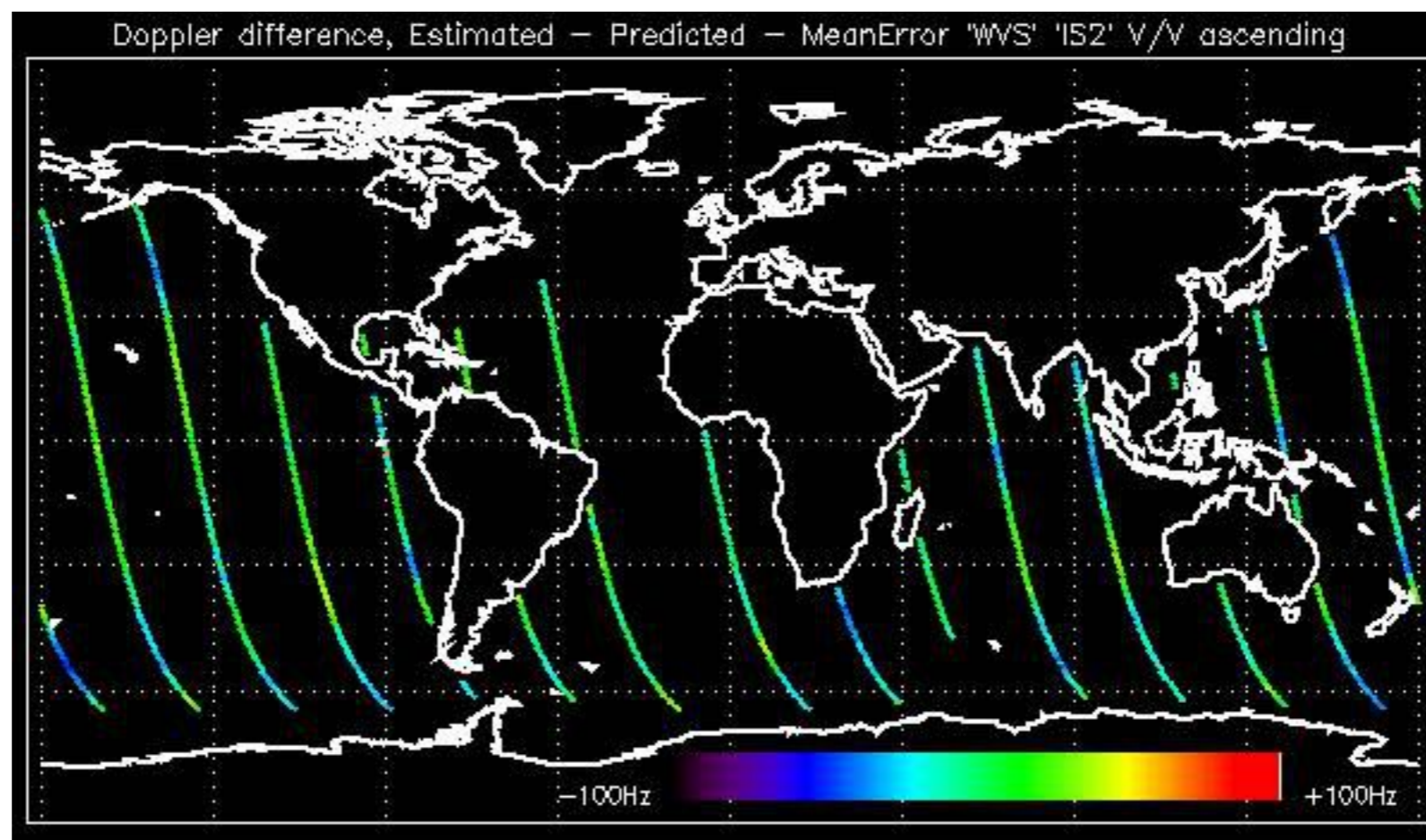


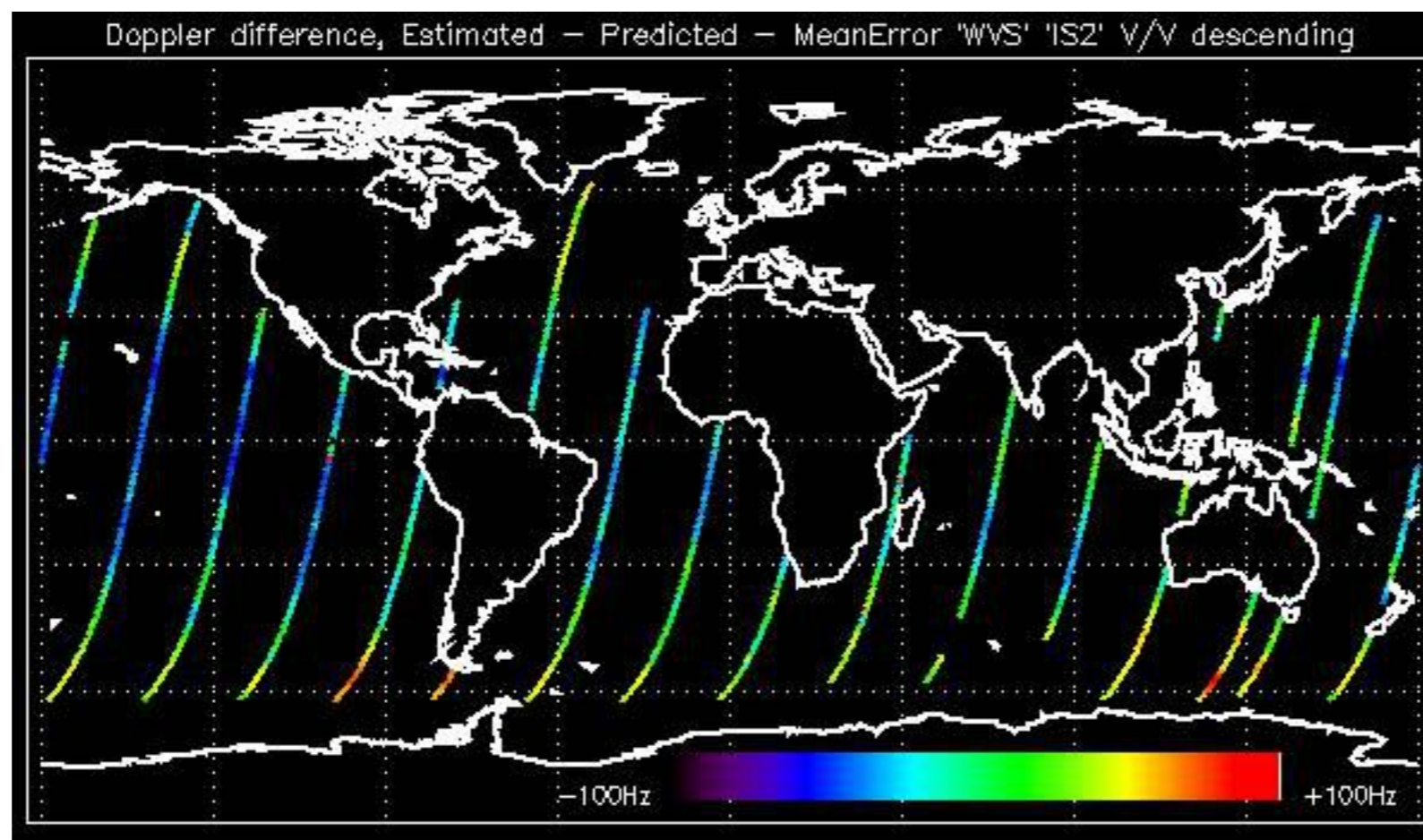


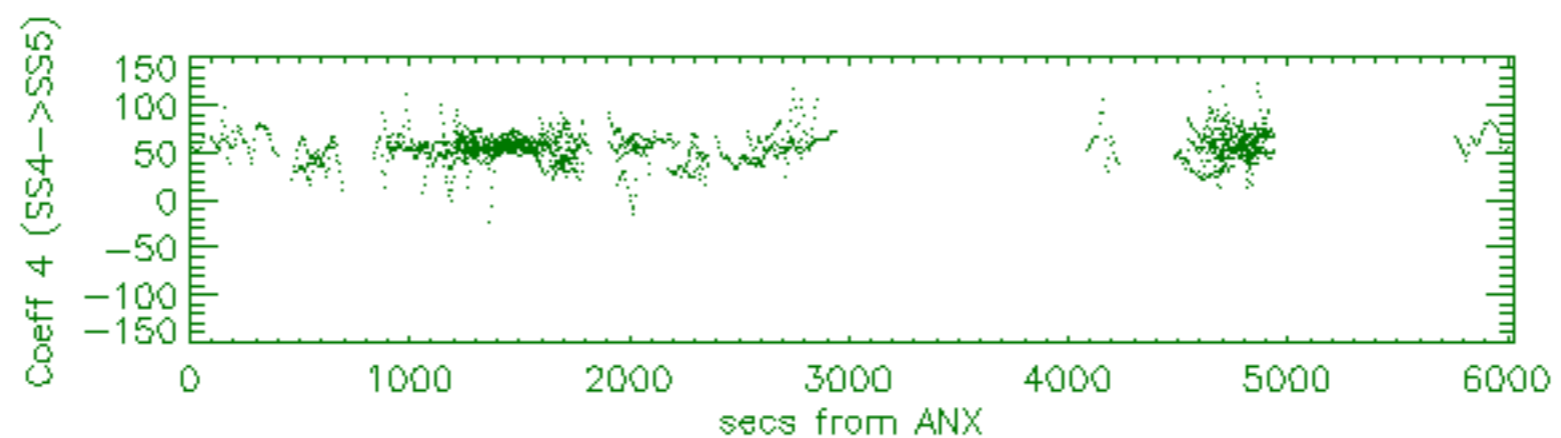
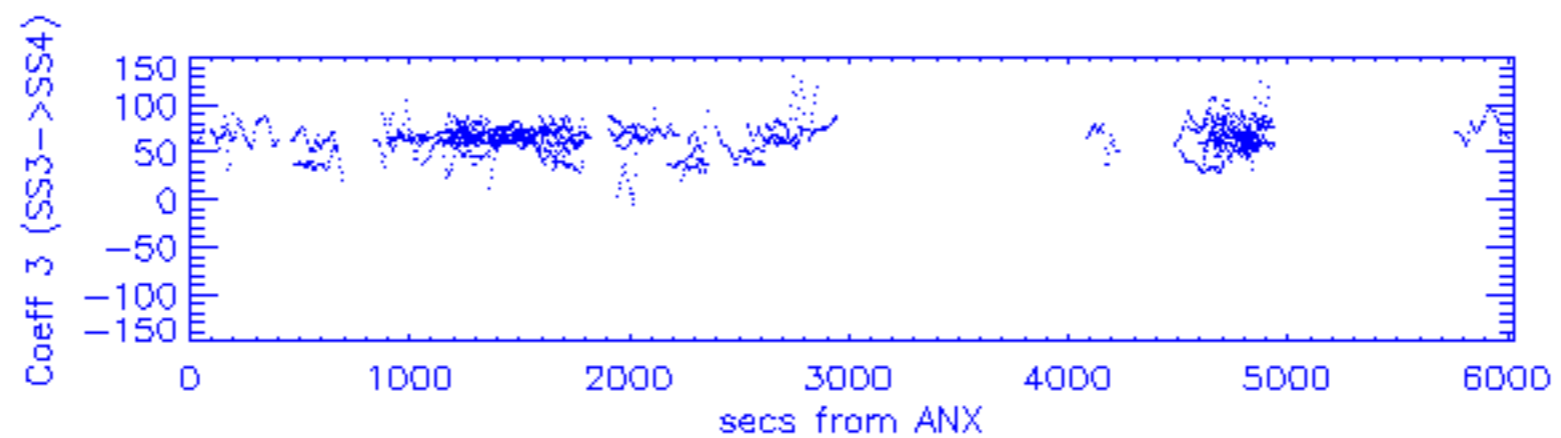
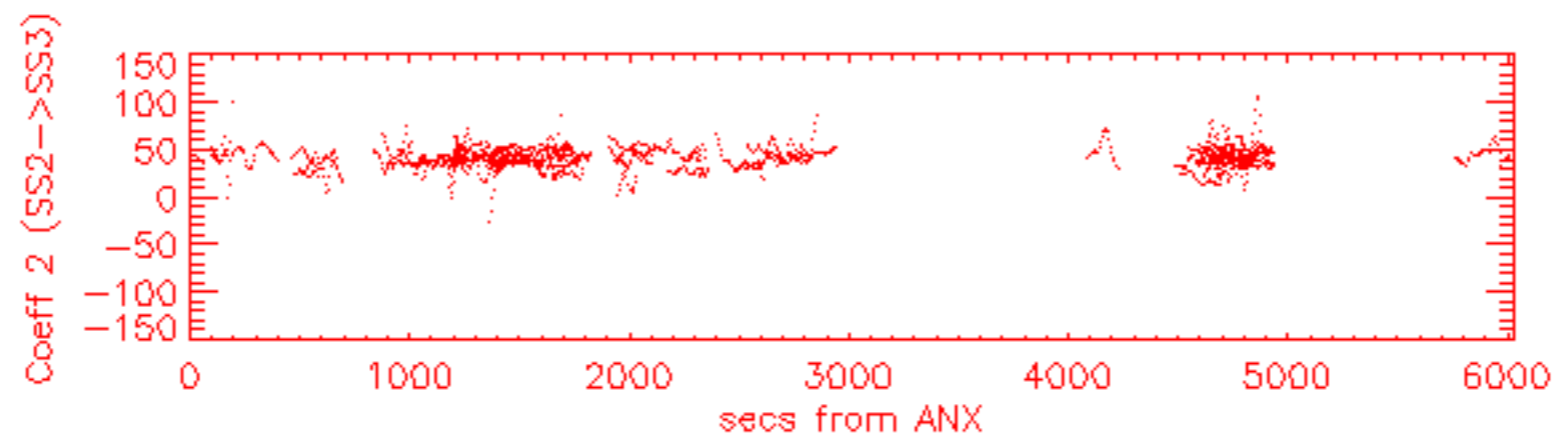
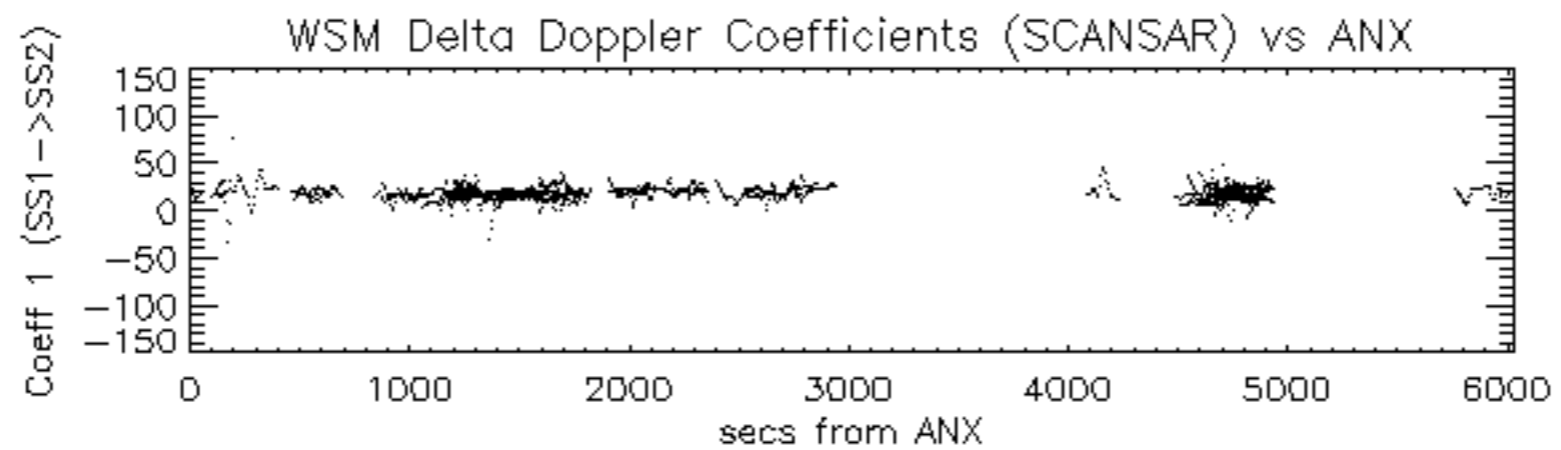


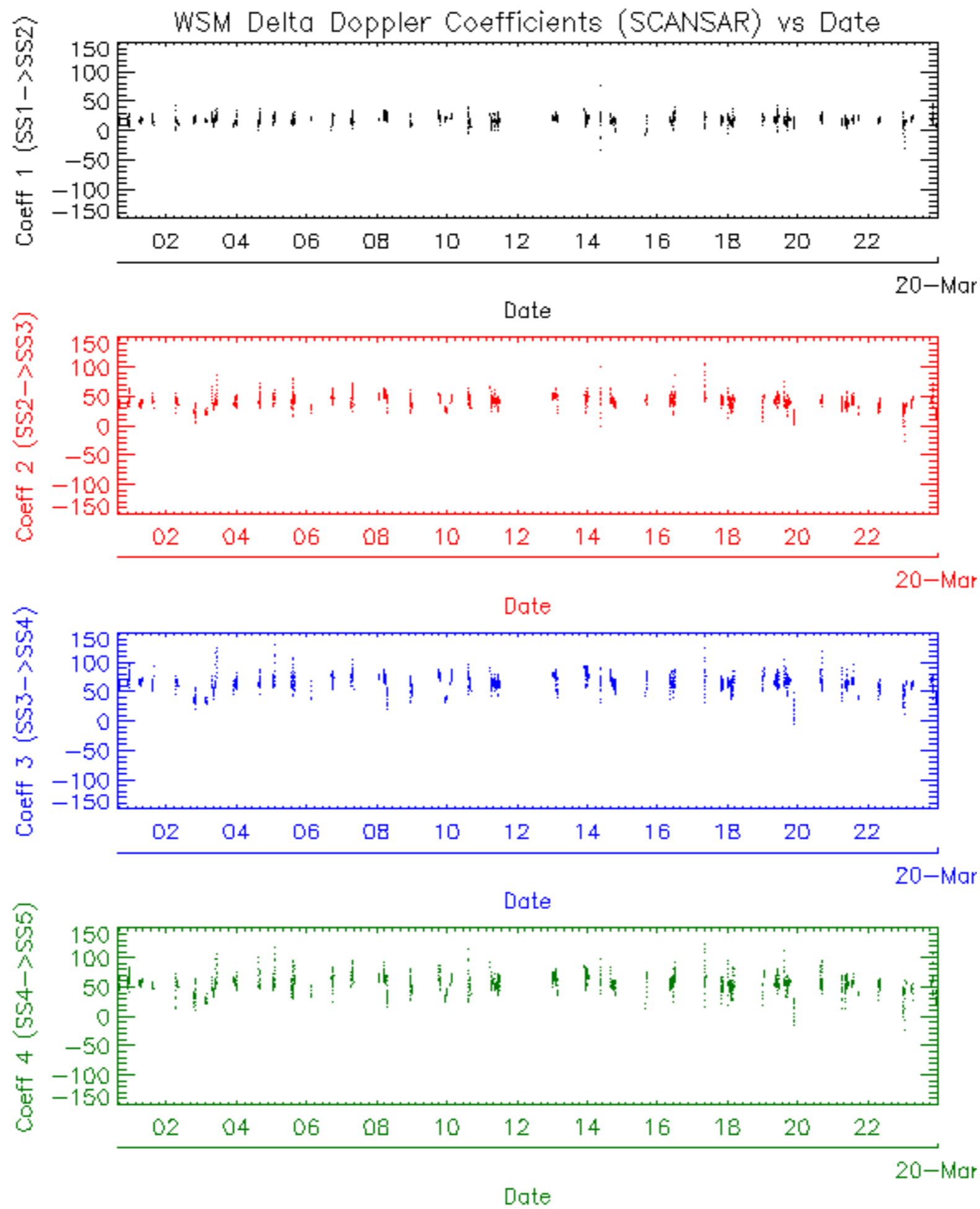




















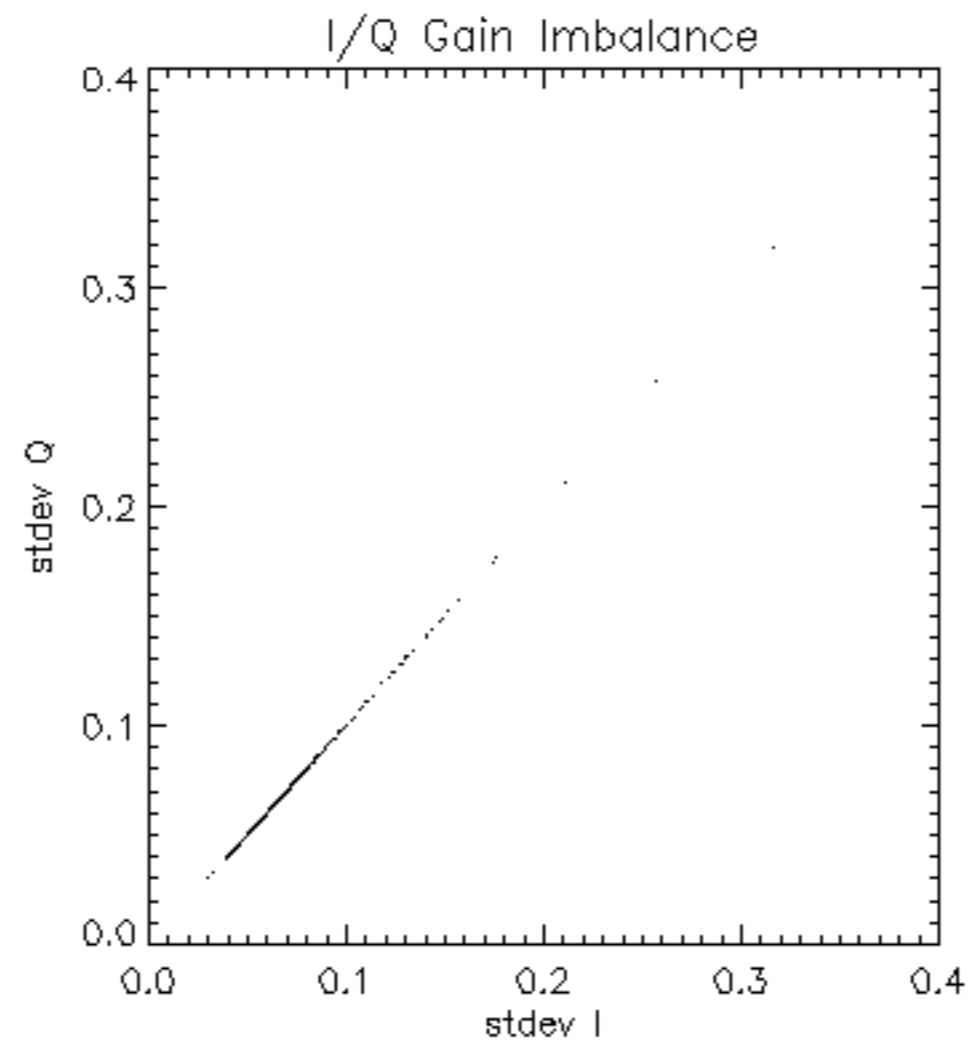


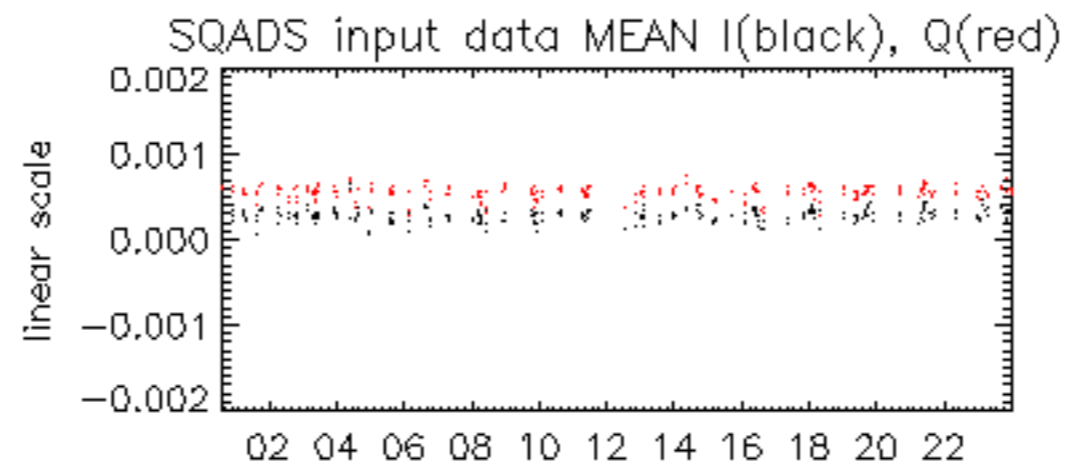




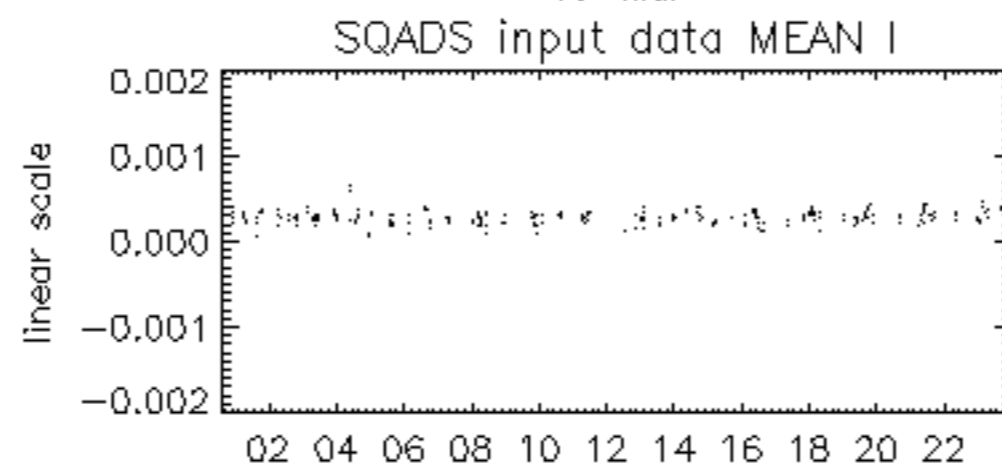




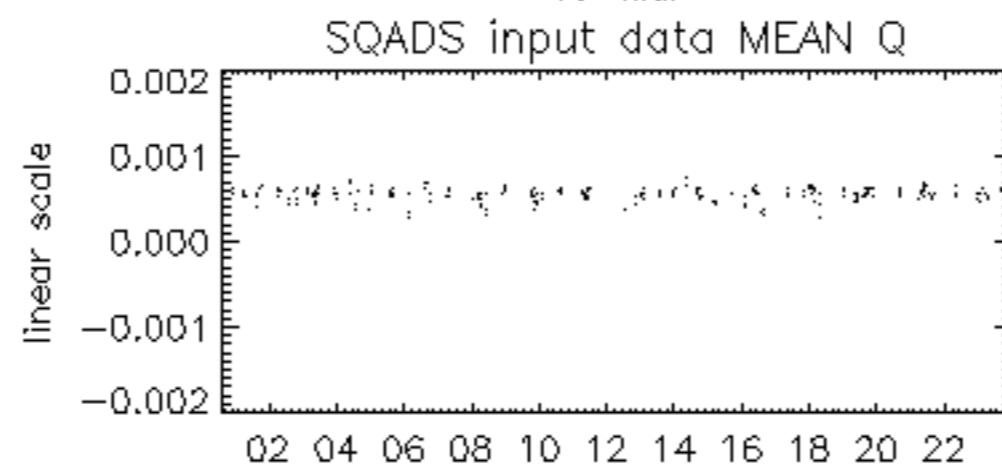




19-Mar

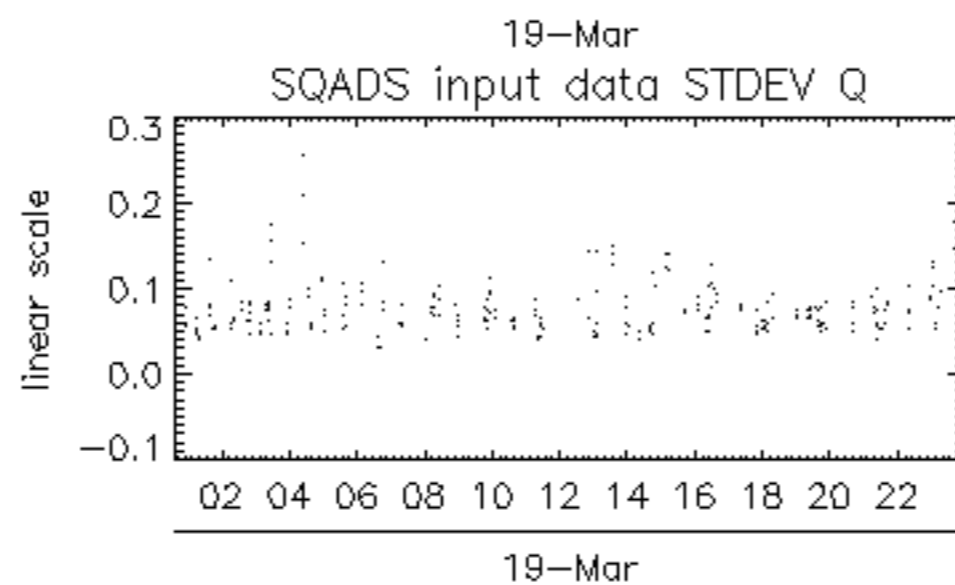
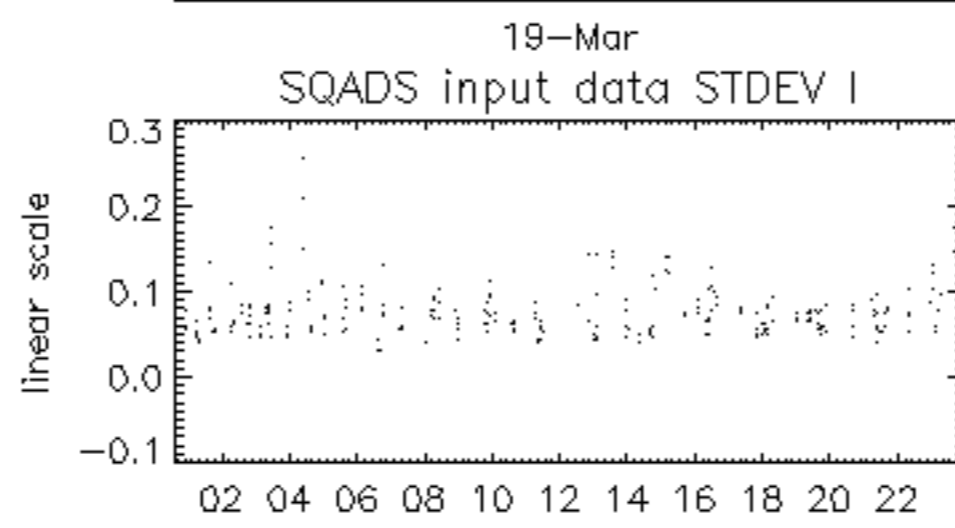
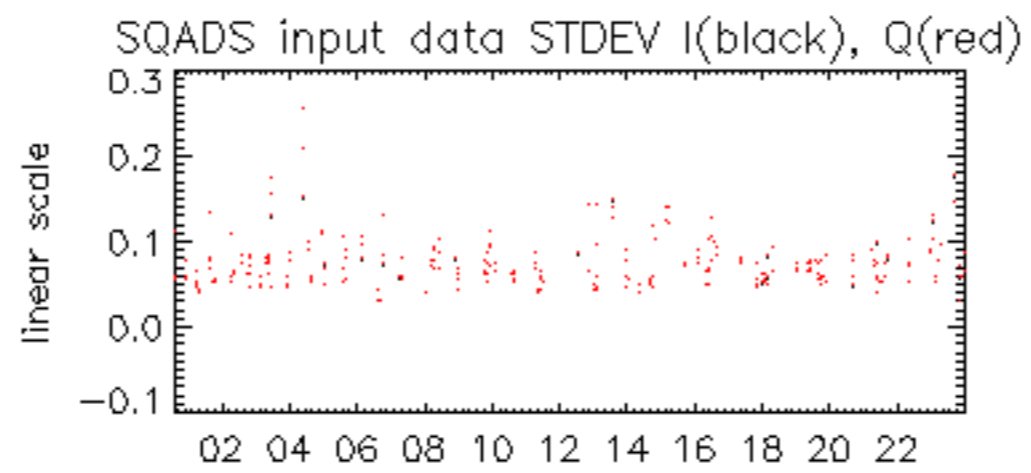


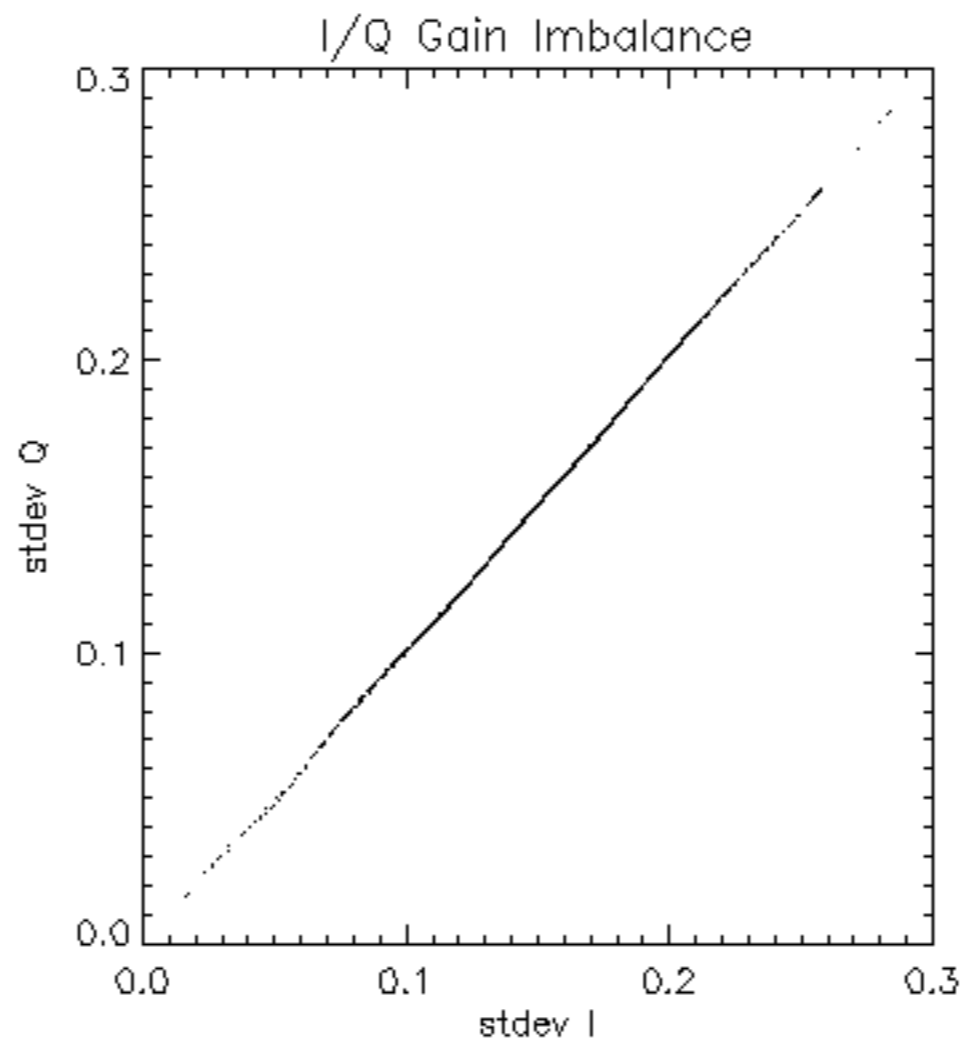
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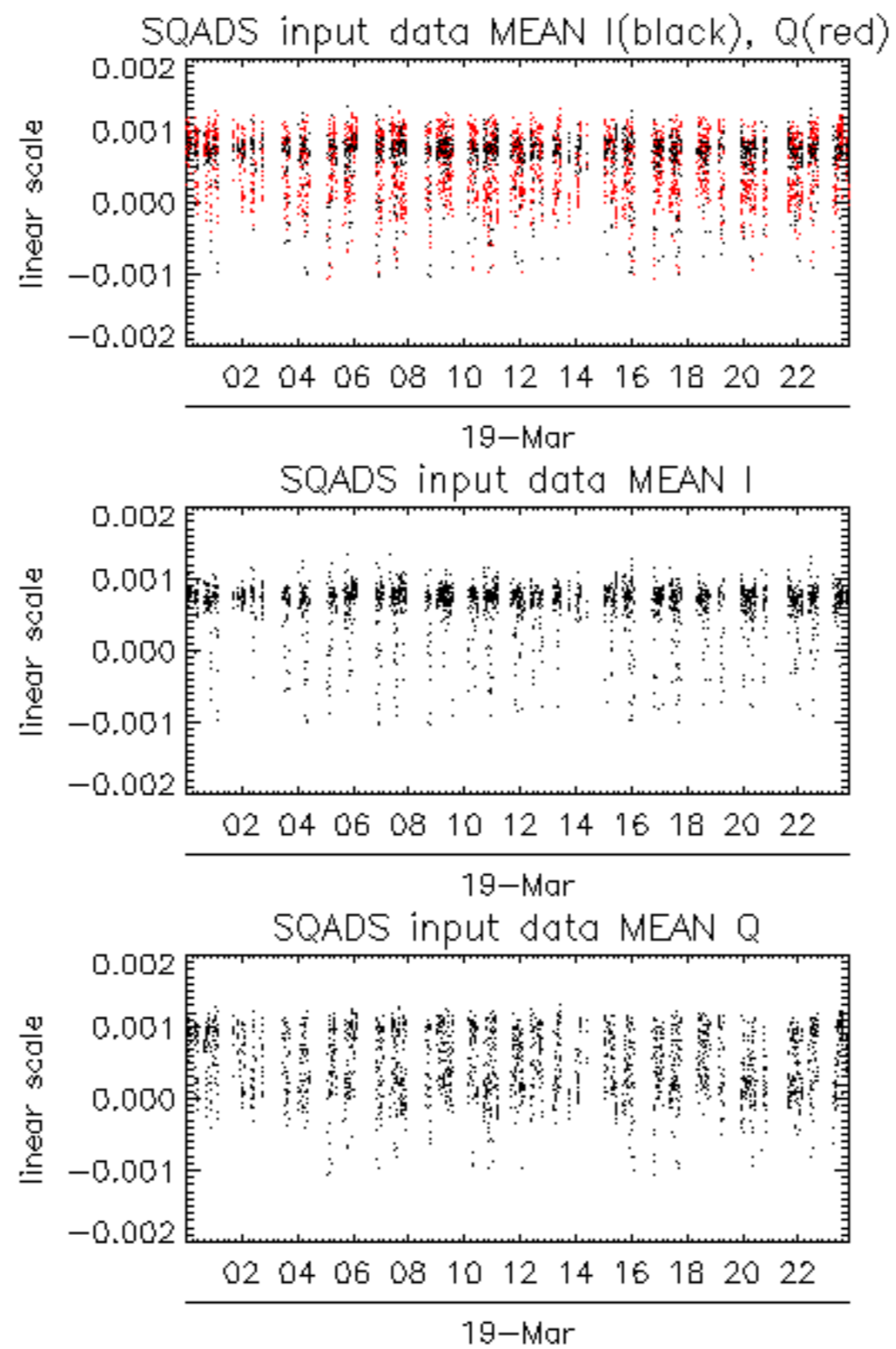


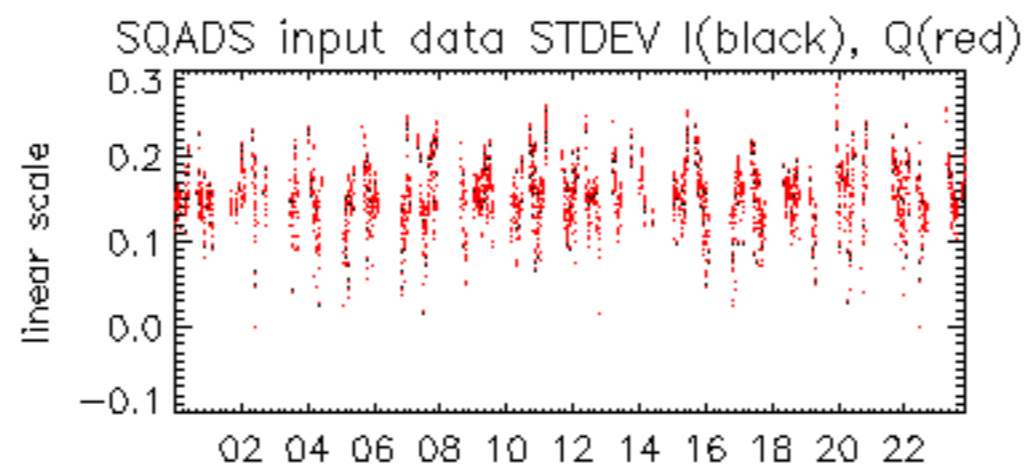
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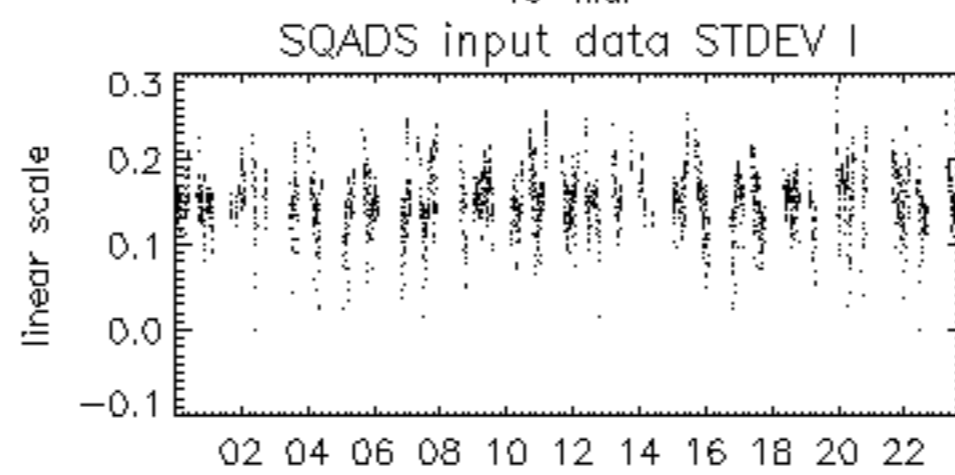




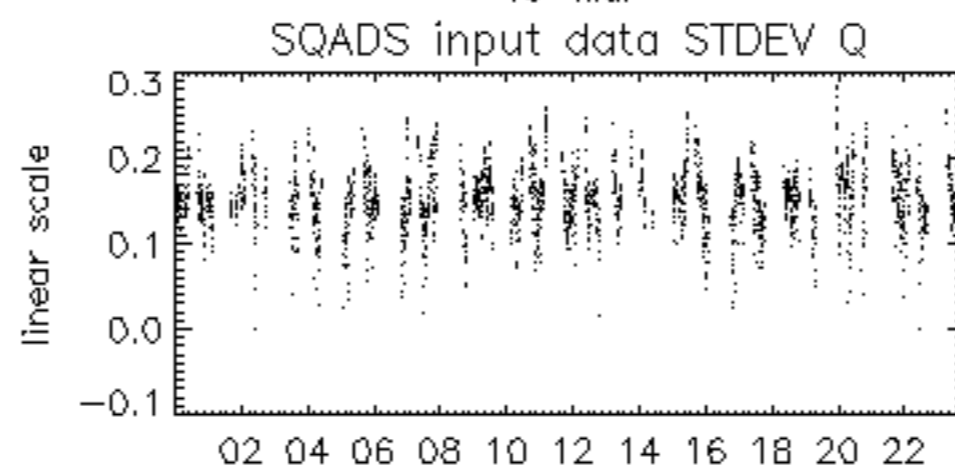




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