



Analysis from 21-FEB-2012 00:00:00 to 21-FEB-2012 23:59:59. Page generated on 22-FEB-2012 09:10:51.  
View log file: ASAR\_Daily\_Report\_20120222\_0910.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	1	PDE	WS	H/H	33	PDE	IS1	V/H	2	PDE	IS1	H/H	2	PDE	WS	H/H	34	PDE	2012-02-21 00:15:11	V	320
PDE	IS2	V/V	31	PDK	WS	H/H	50	PDE	IS1	V/V	2	PDE	IS2	V/V	3	PDE	WS	V/V	5	PDE	2012-02-21 21:58:12	H	320
PDK	IS2	V/V	27					PDE	IS2	H/H	2	PDE	IS3	V/V	2	PDK	WS	H/H	16	PDE	2012-02-21 23:38:26	V	320
								PDE	IS4	H/H	1	PDE	IS6	H/H	6	PDK	WS	V/V	4				
								PDE	IS5	H/H	1	PDK	IS1	H/H	1								
								PDE	IS7	H/H	1	PDK	IS2	V/V	1								
								PDK	IS1	V/V	1	PDK	IS6	H/H	1								
								PDK	IS4	H/H	2												

## 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

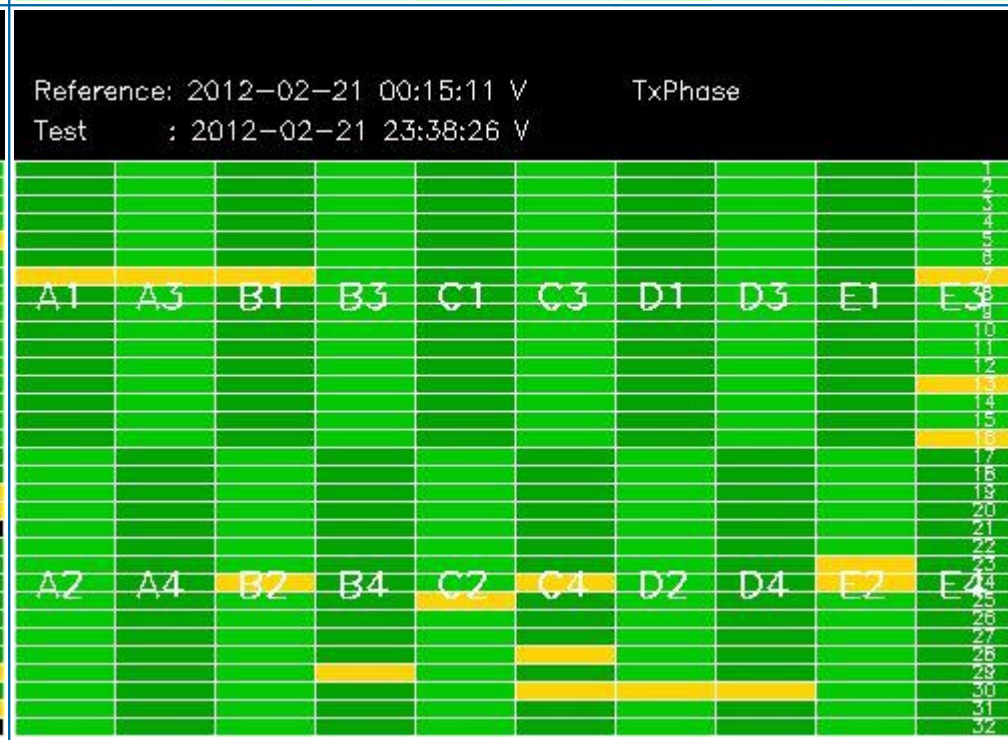
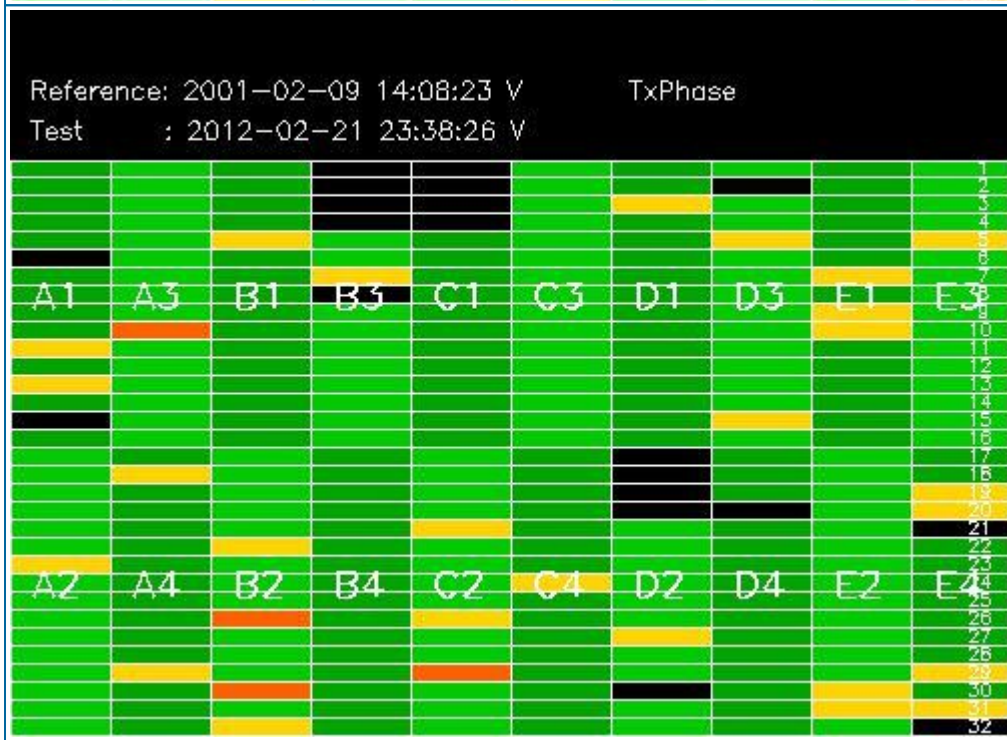
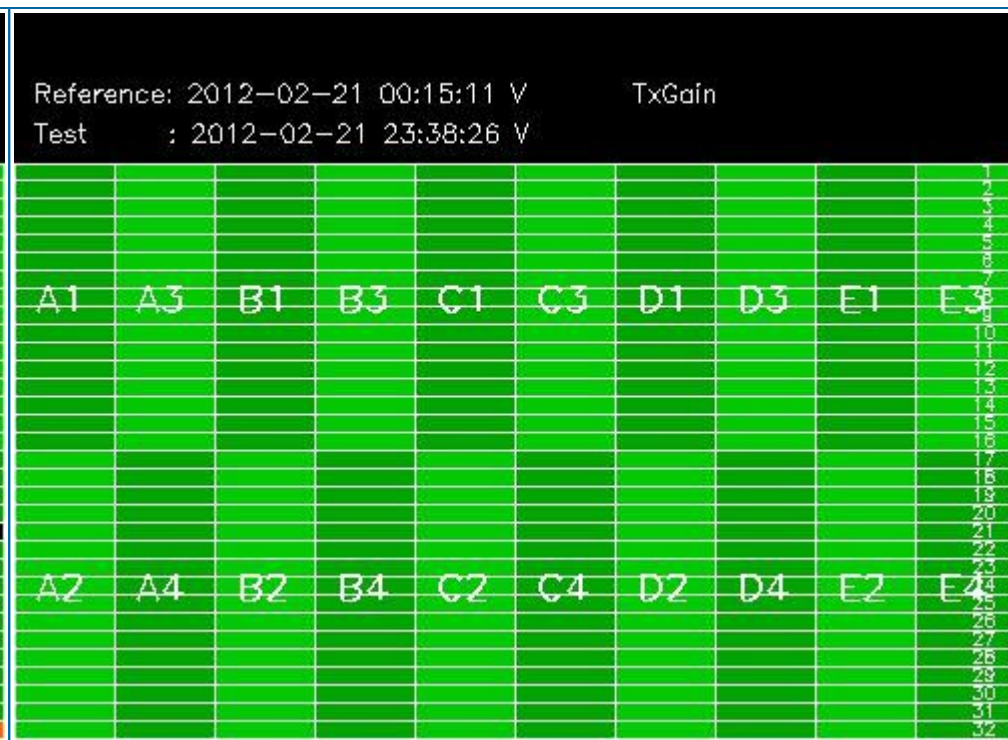
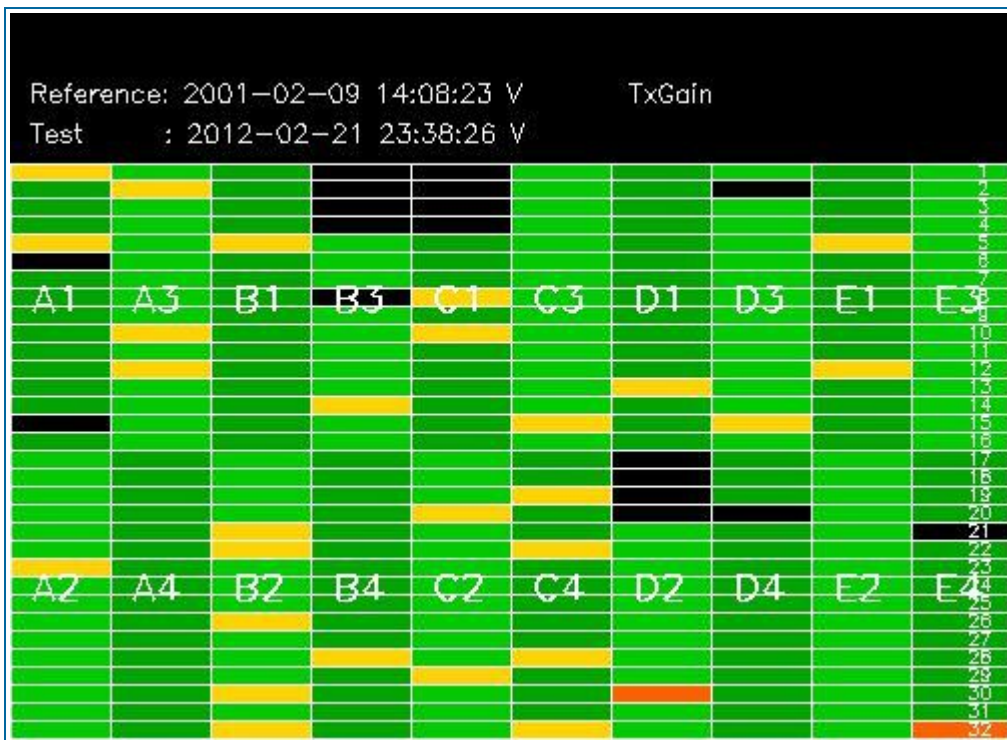
[ [BACK TO MENU](#) ]

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







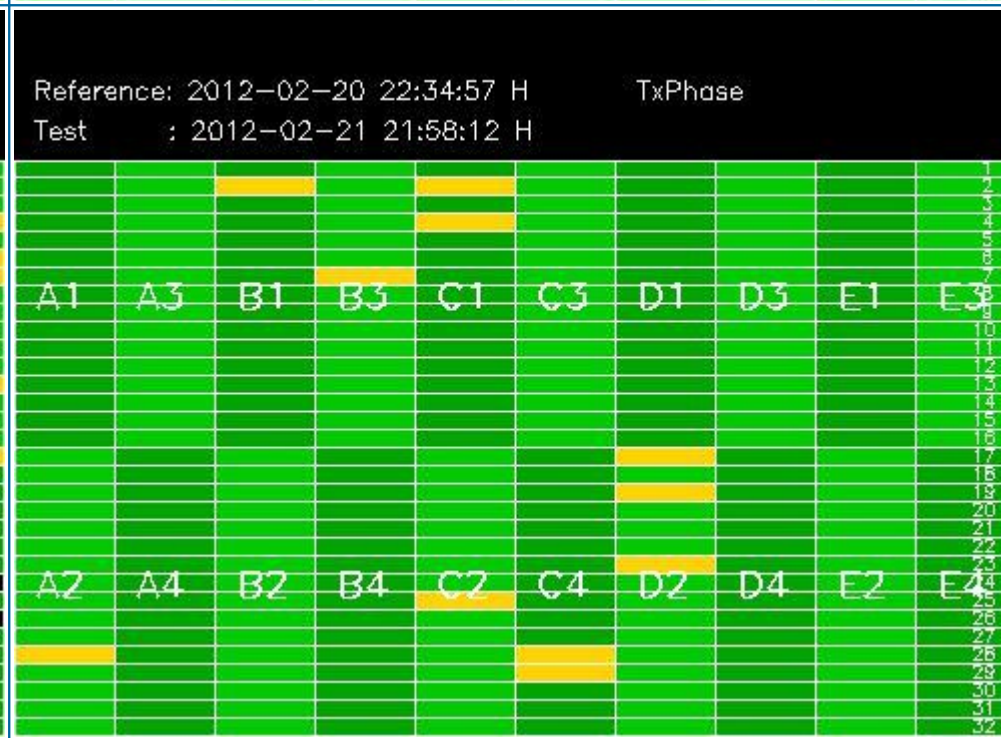
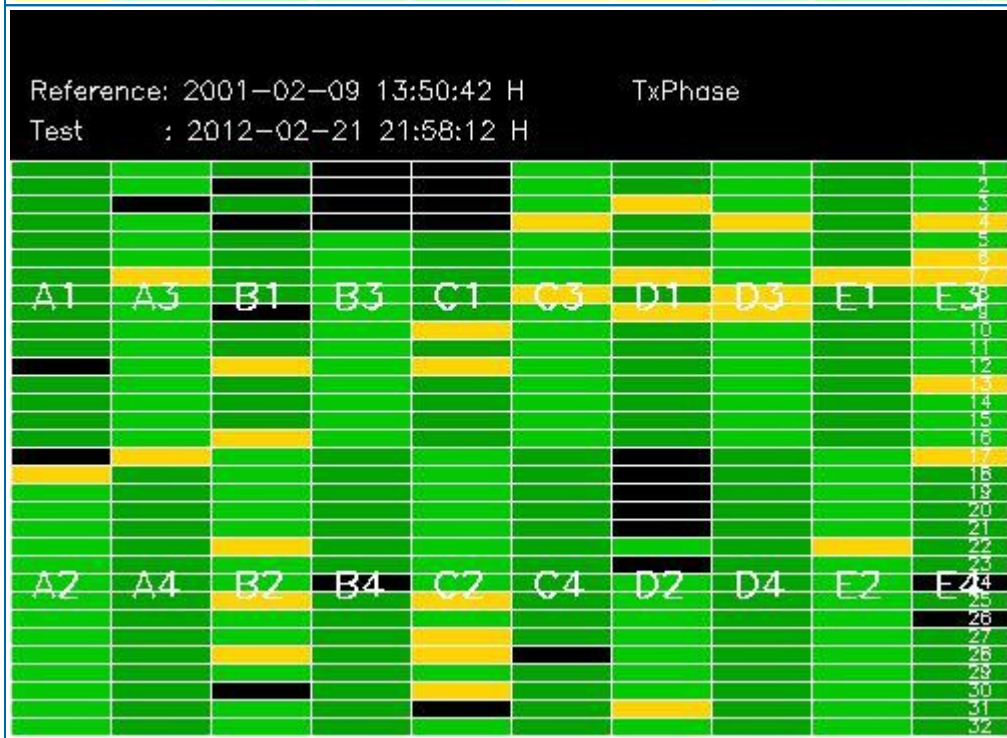
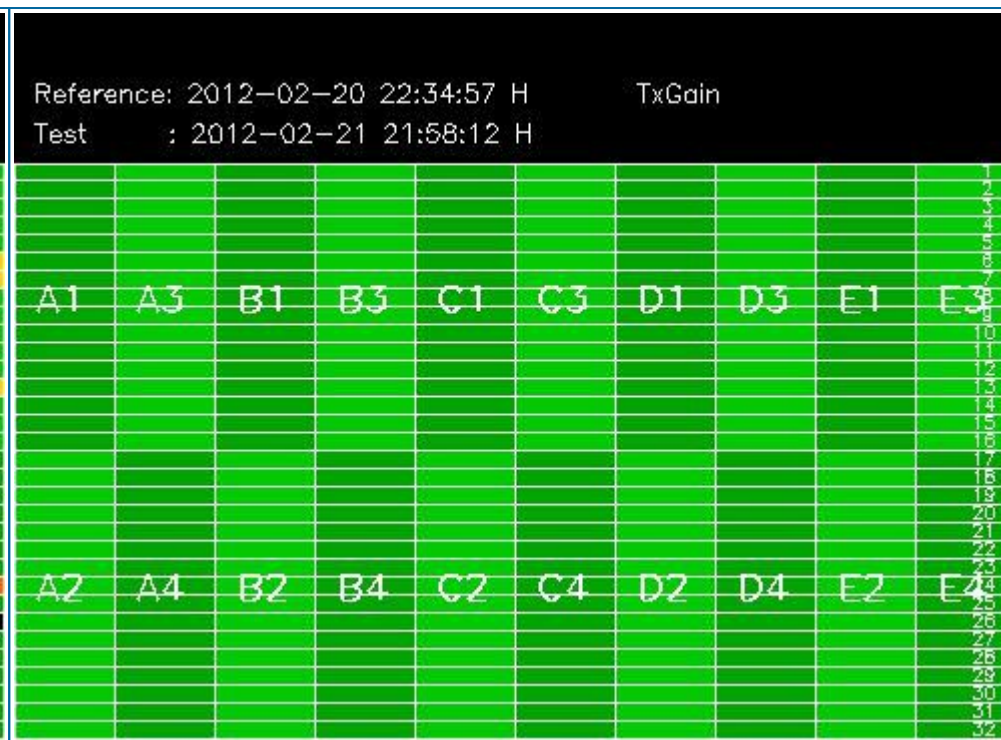
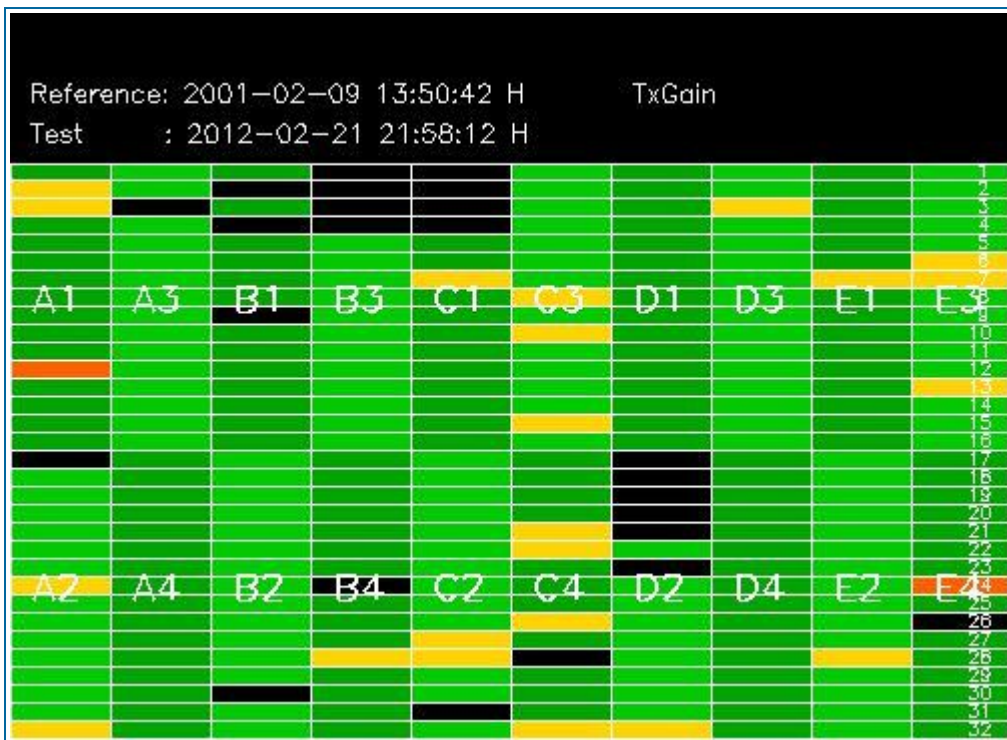
### 3.2 - H/H polarisation

[ [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

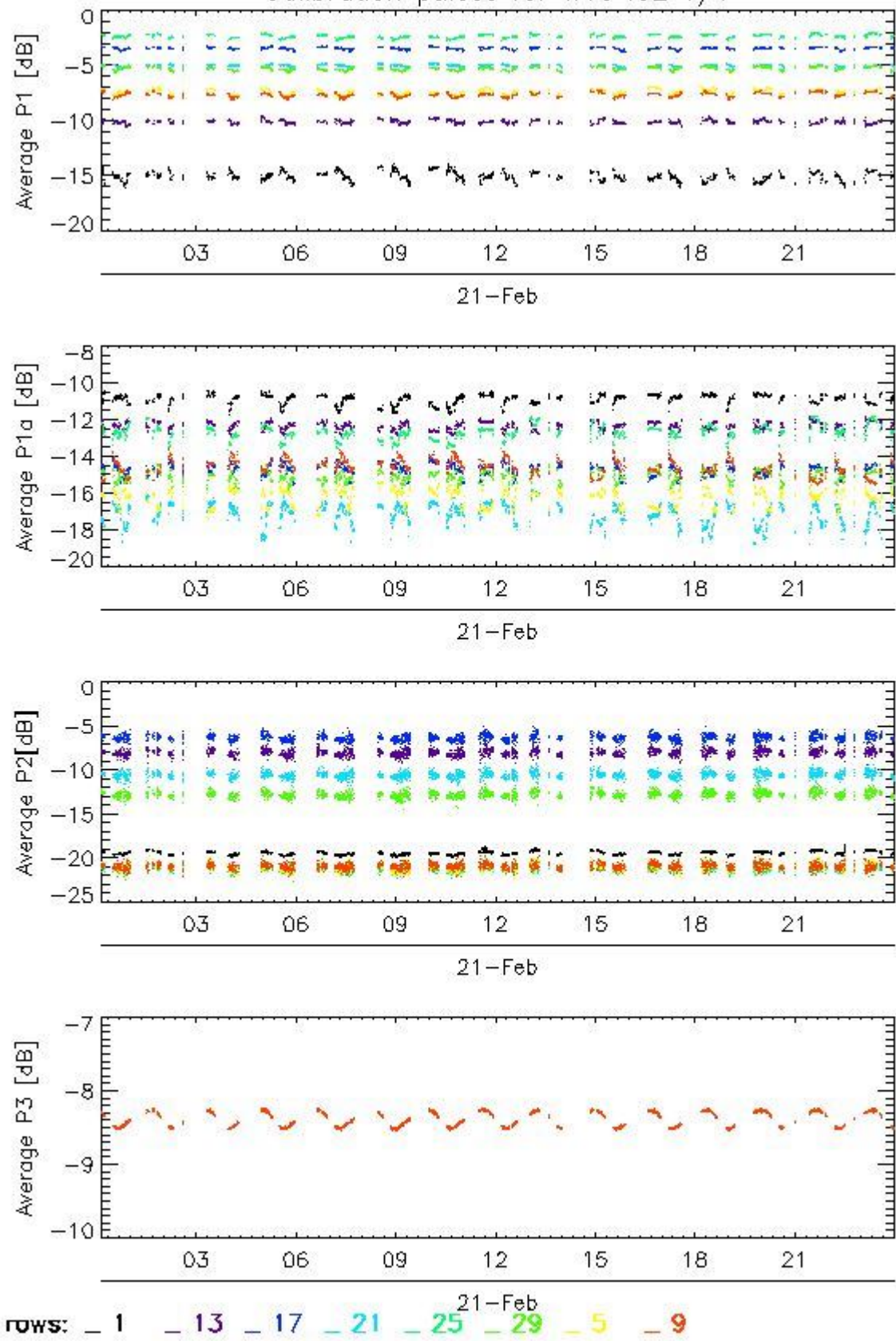
[ BACK TO MENU ]

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]

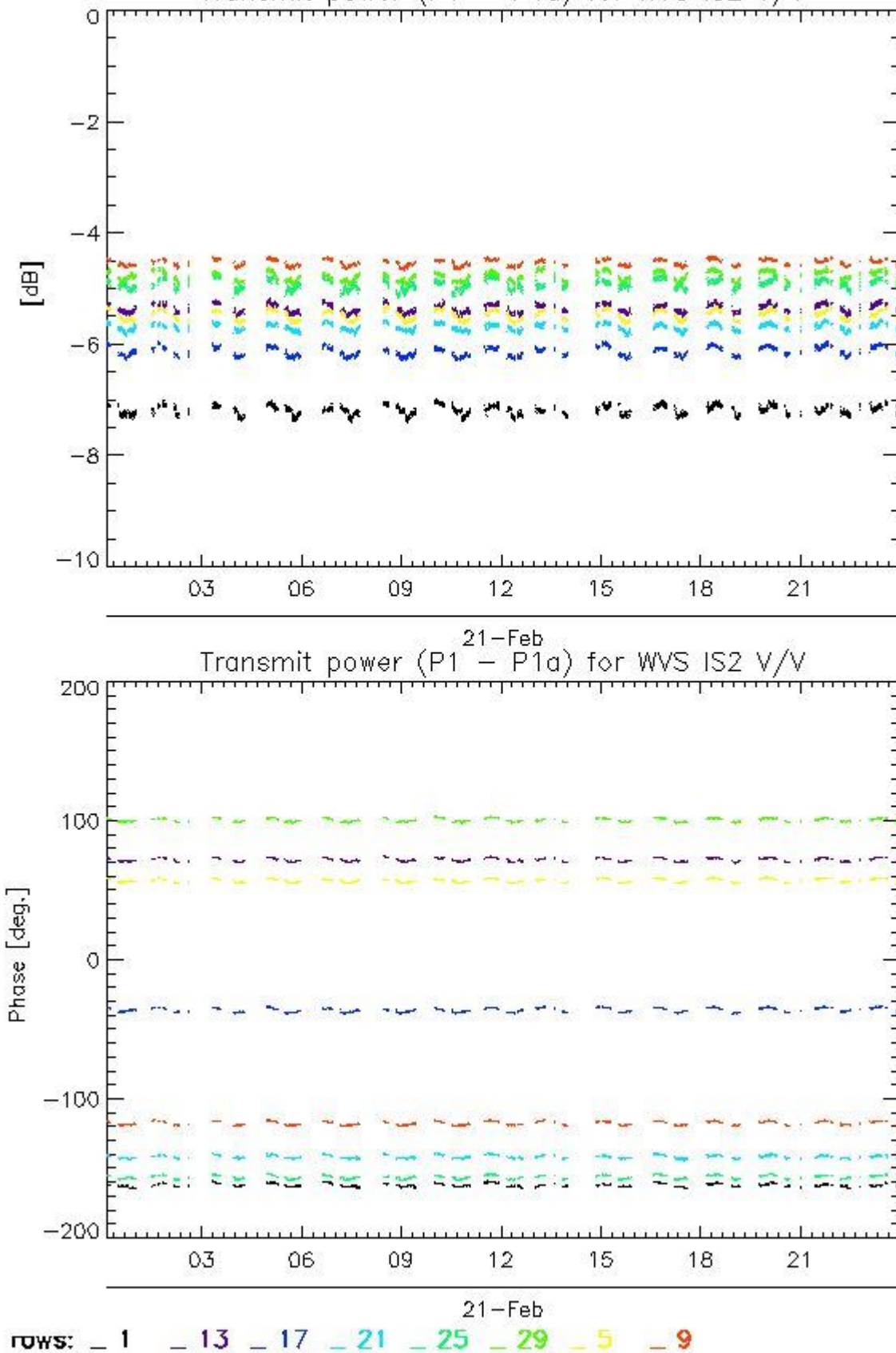
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for WVS IS2 V/V



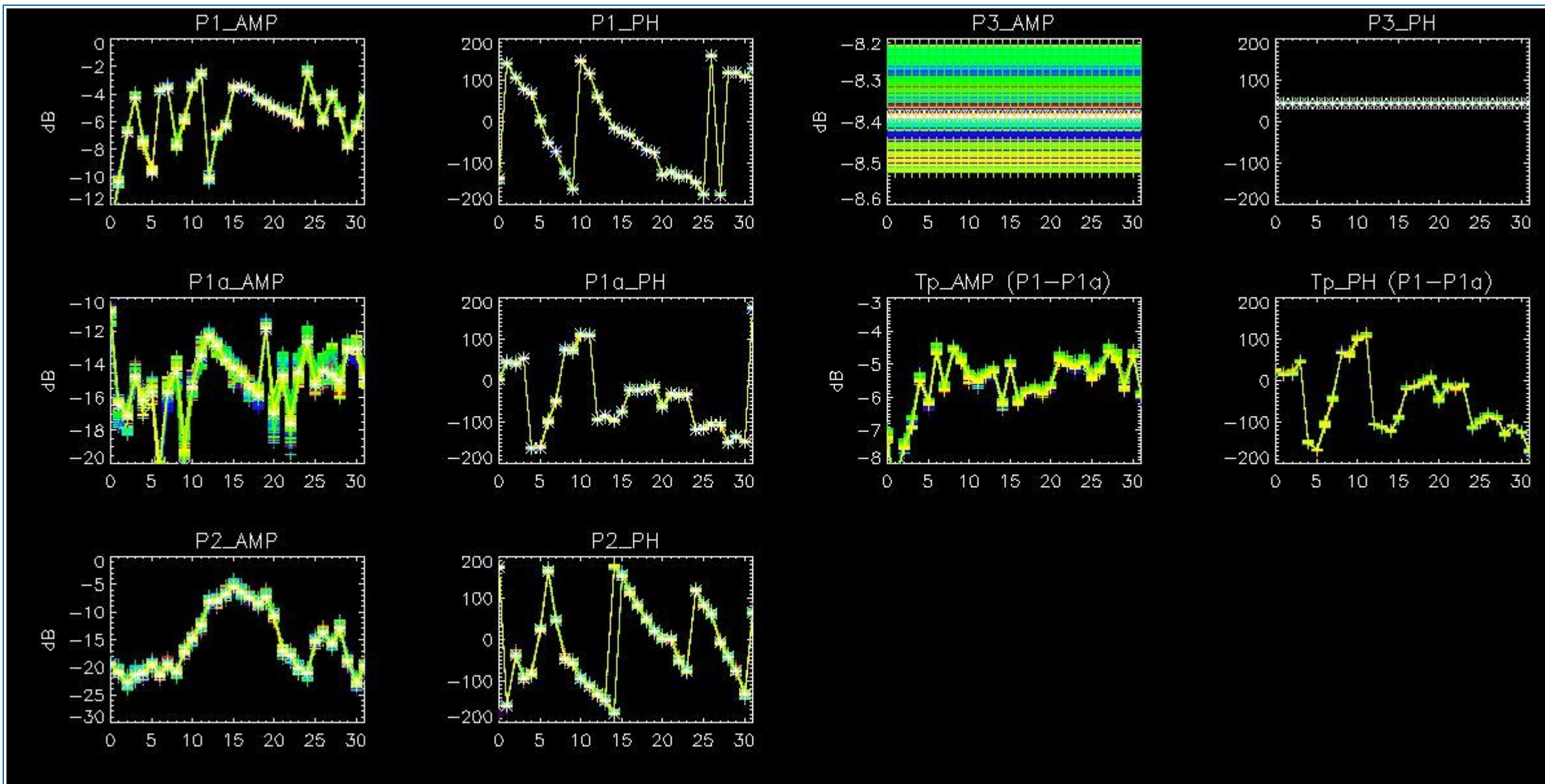
Transmit power (P1 - P1a) for WVS IS2 V/V



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

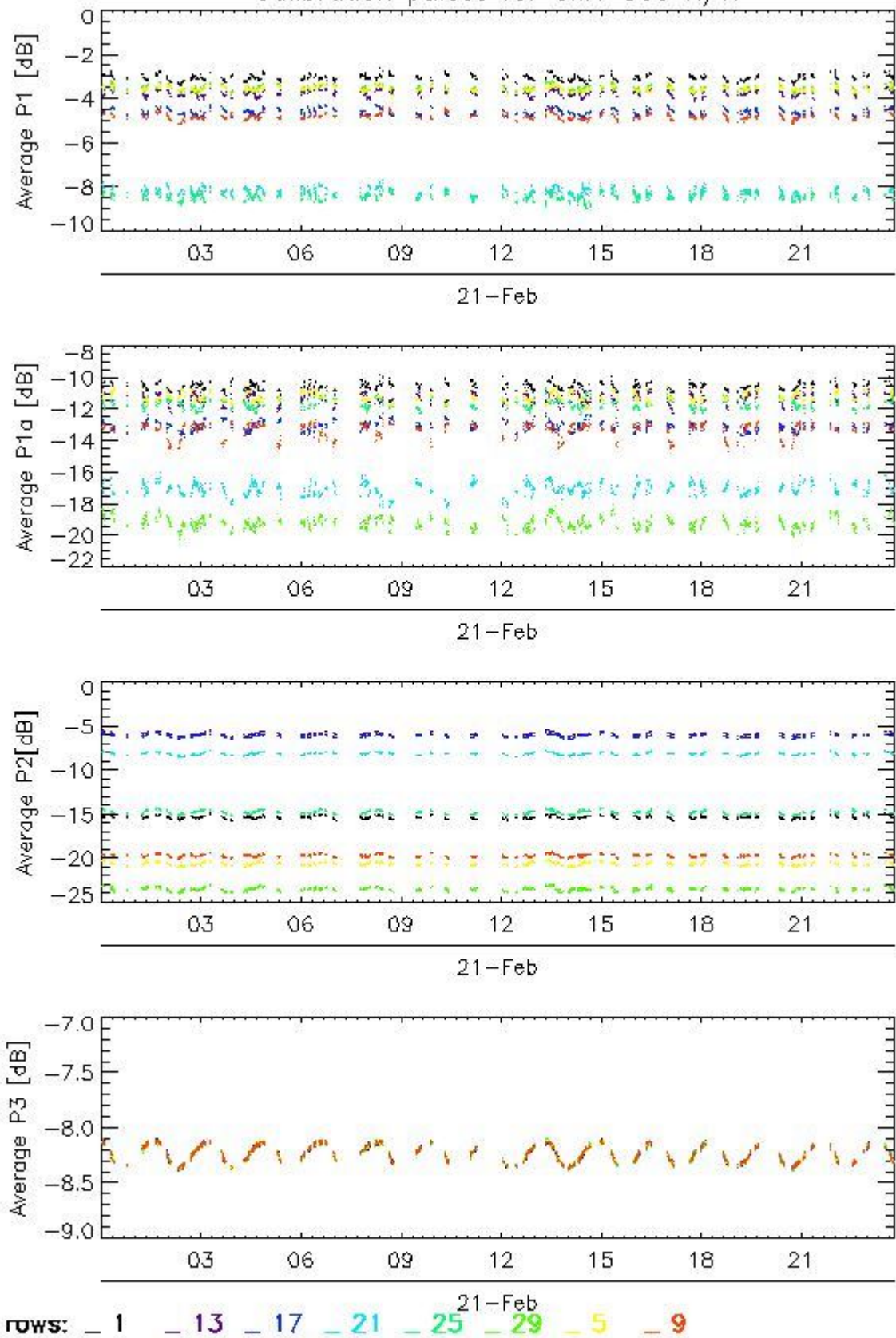
[ BACK TO MENU ]

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]

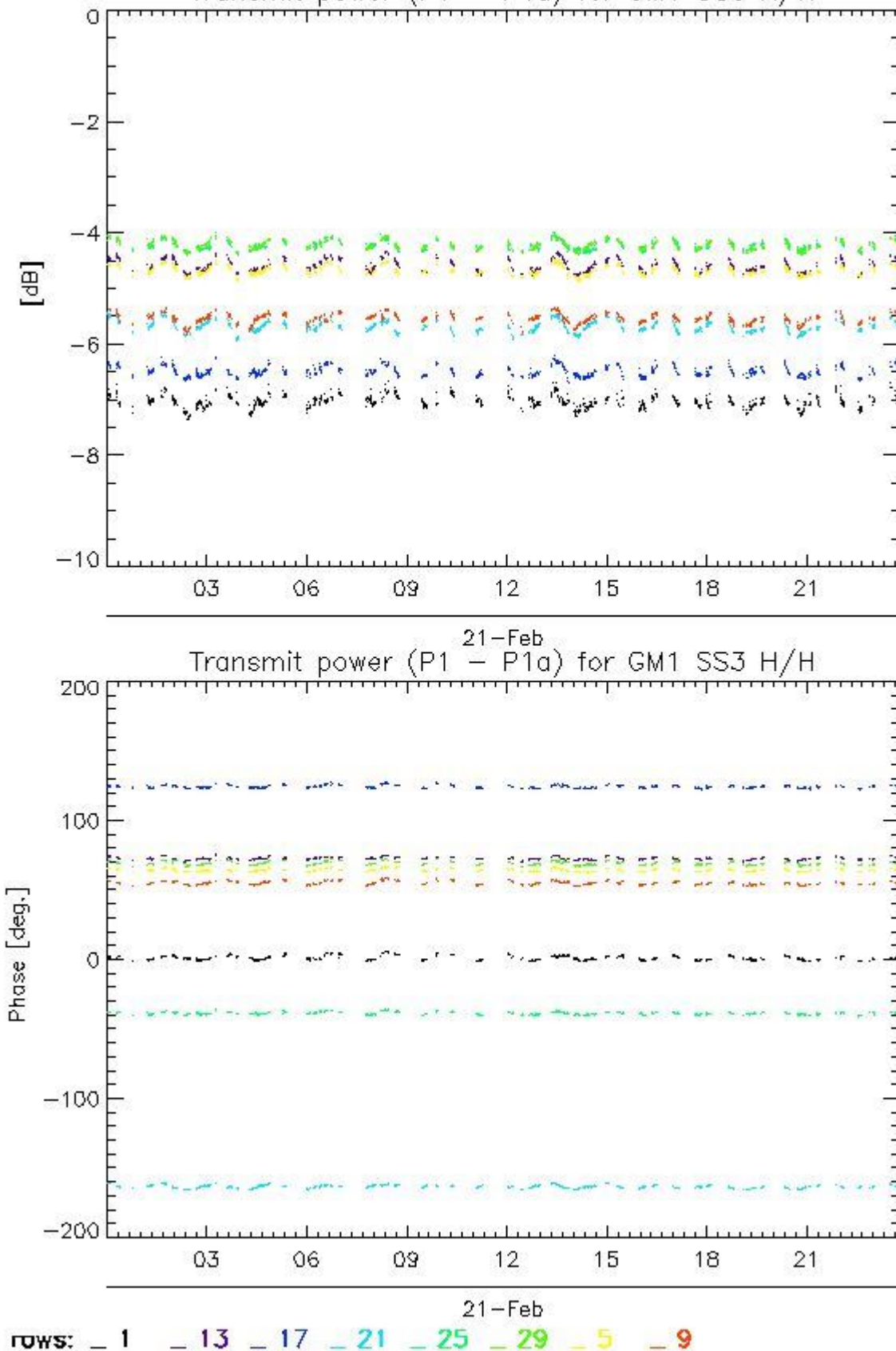
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



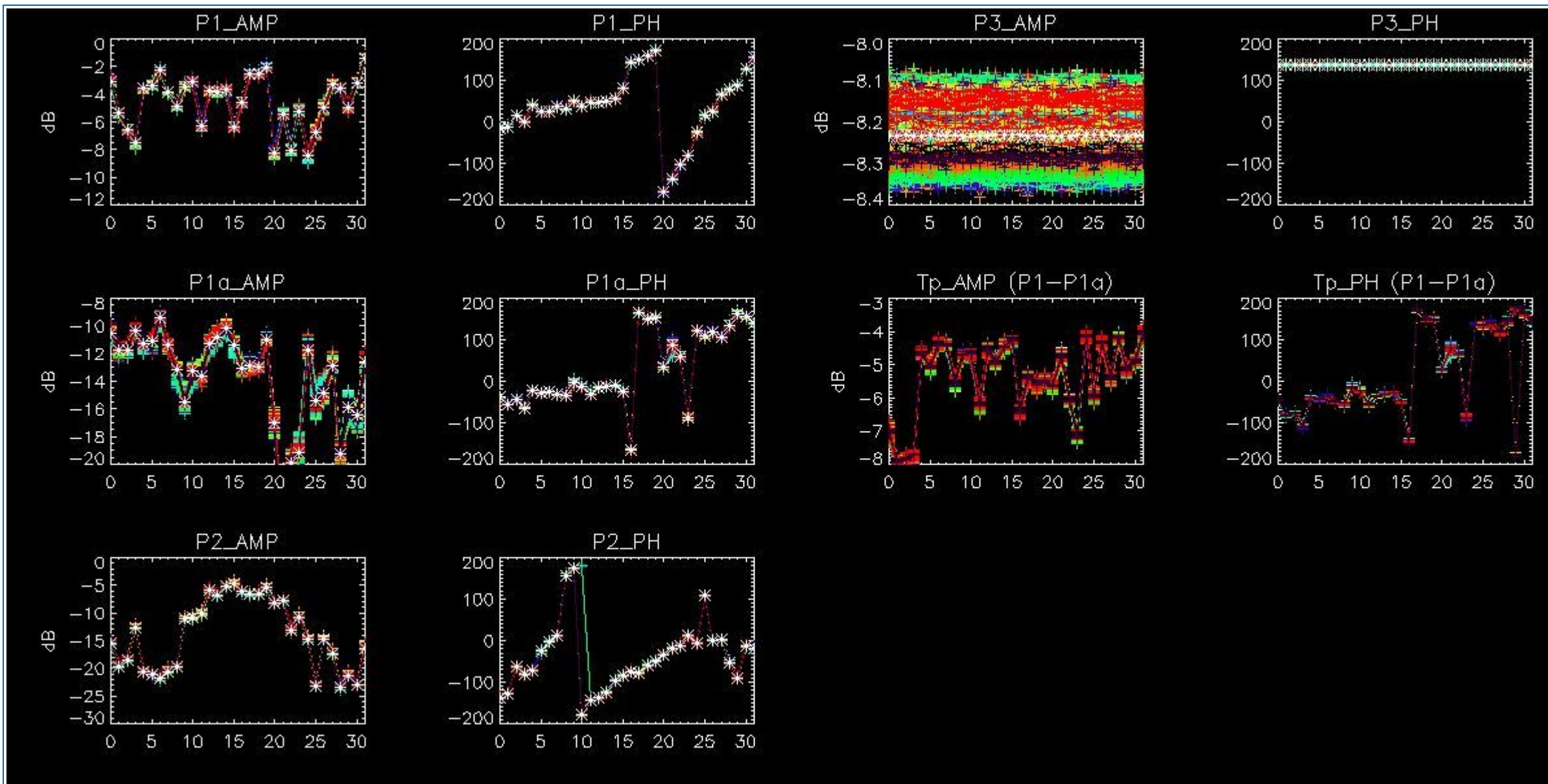
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ BACK TO MENU ]





## 5 - DOPPLER ANALYSIS

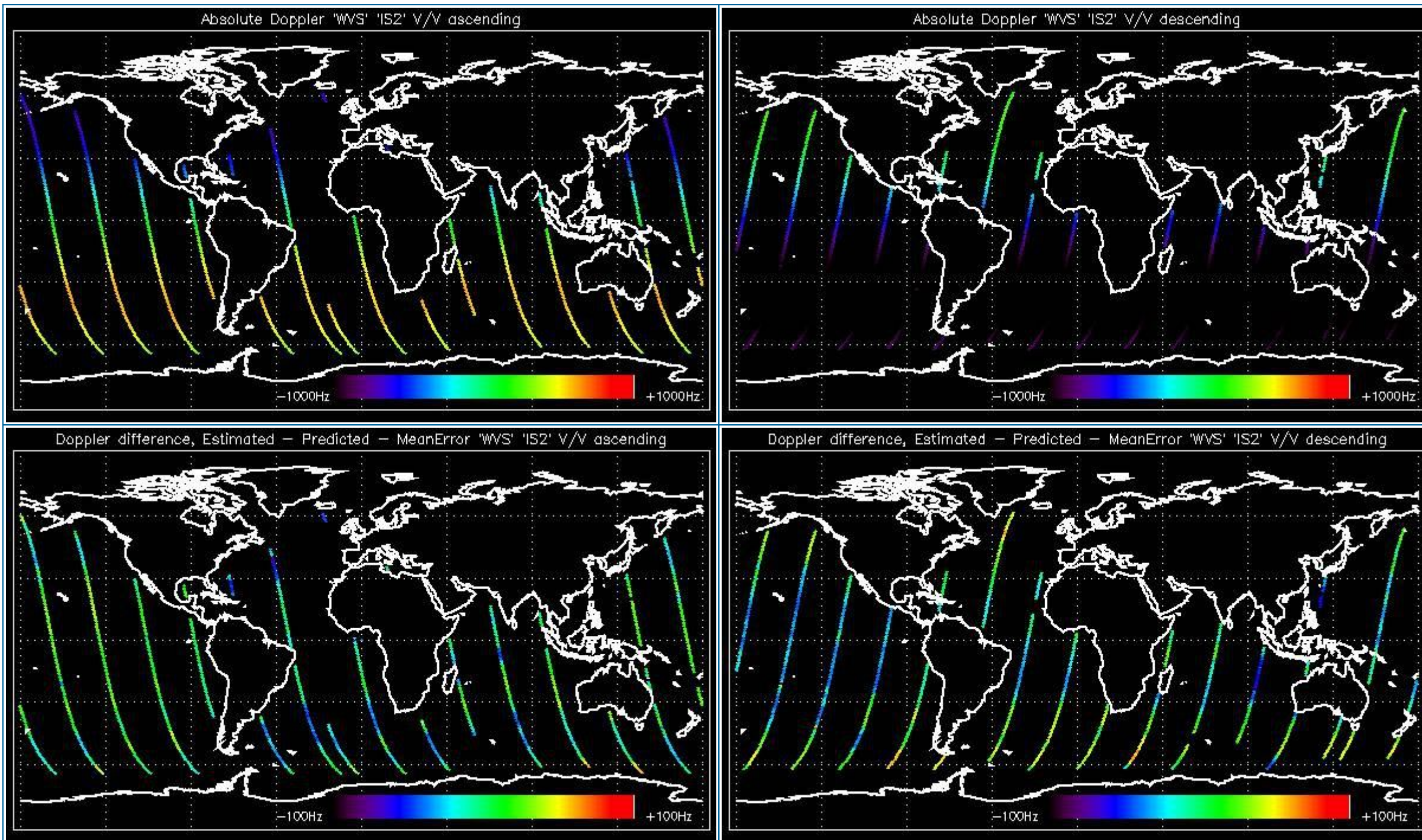
### 5.1 - Analysis for WVS IS2 V/V

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

[ [BACK TO MENU](#) ]



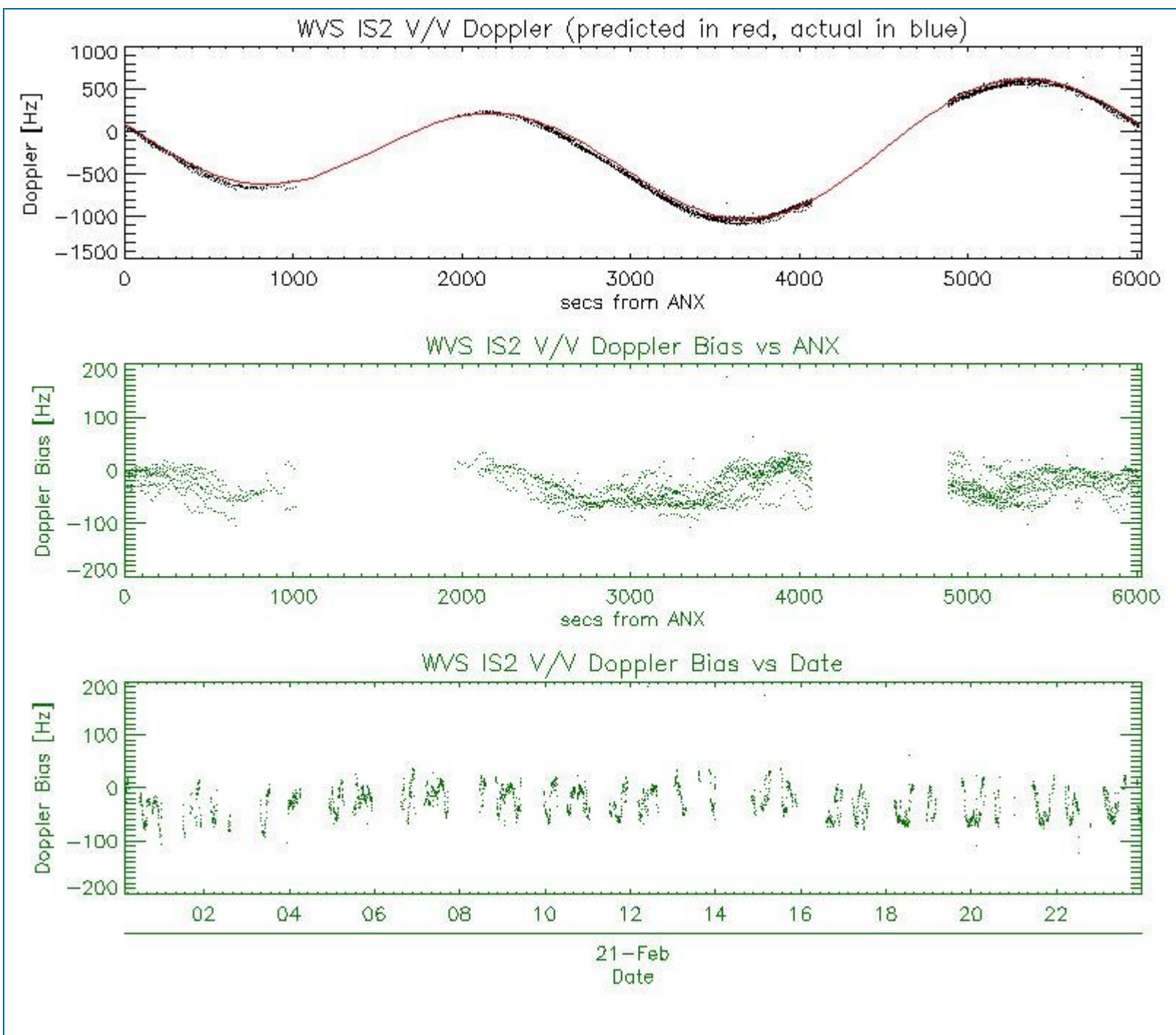




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]





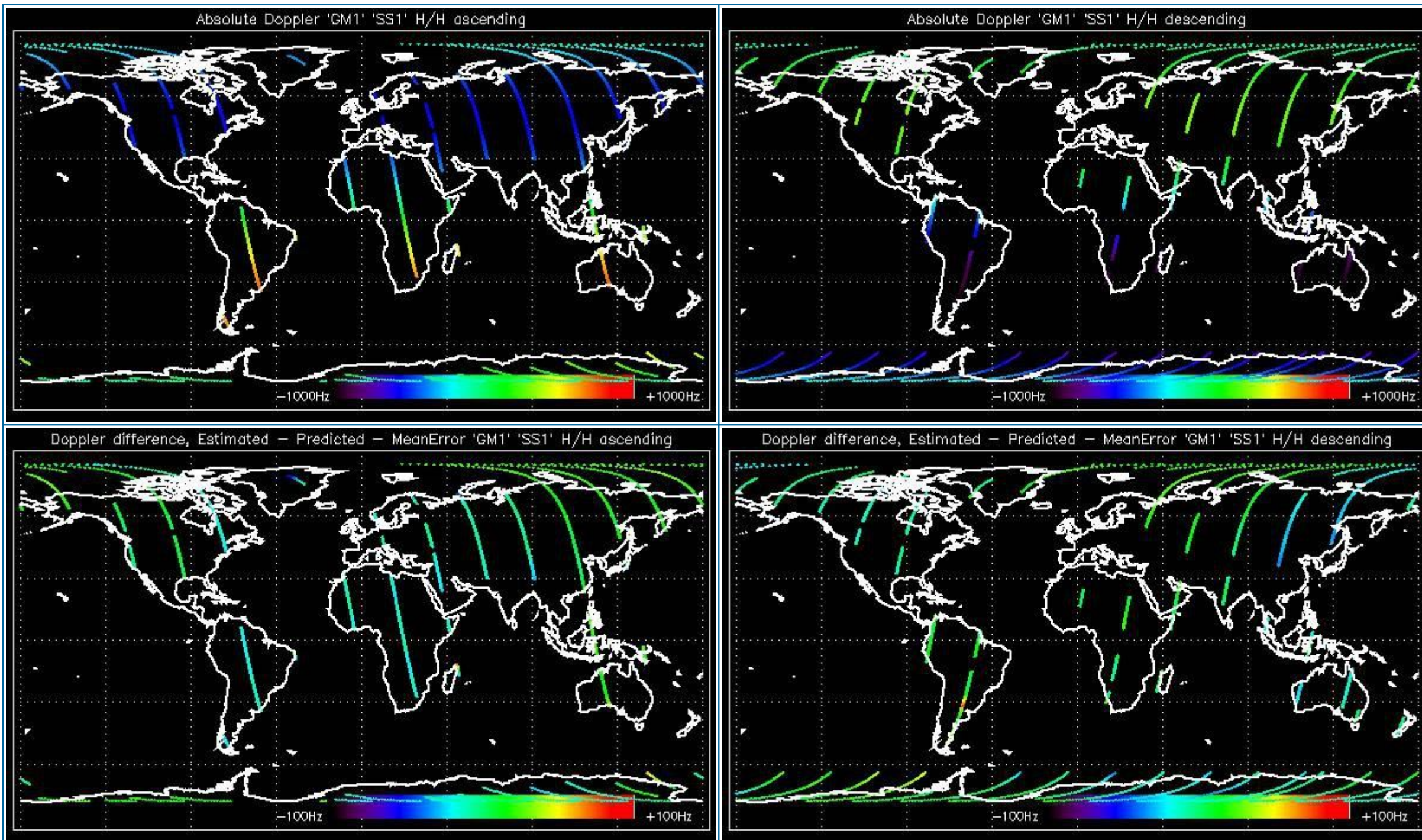
## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]



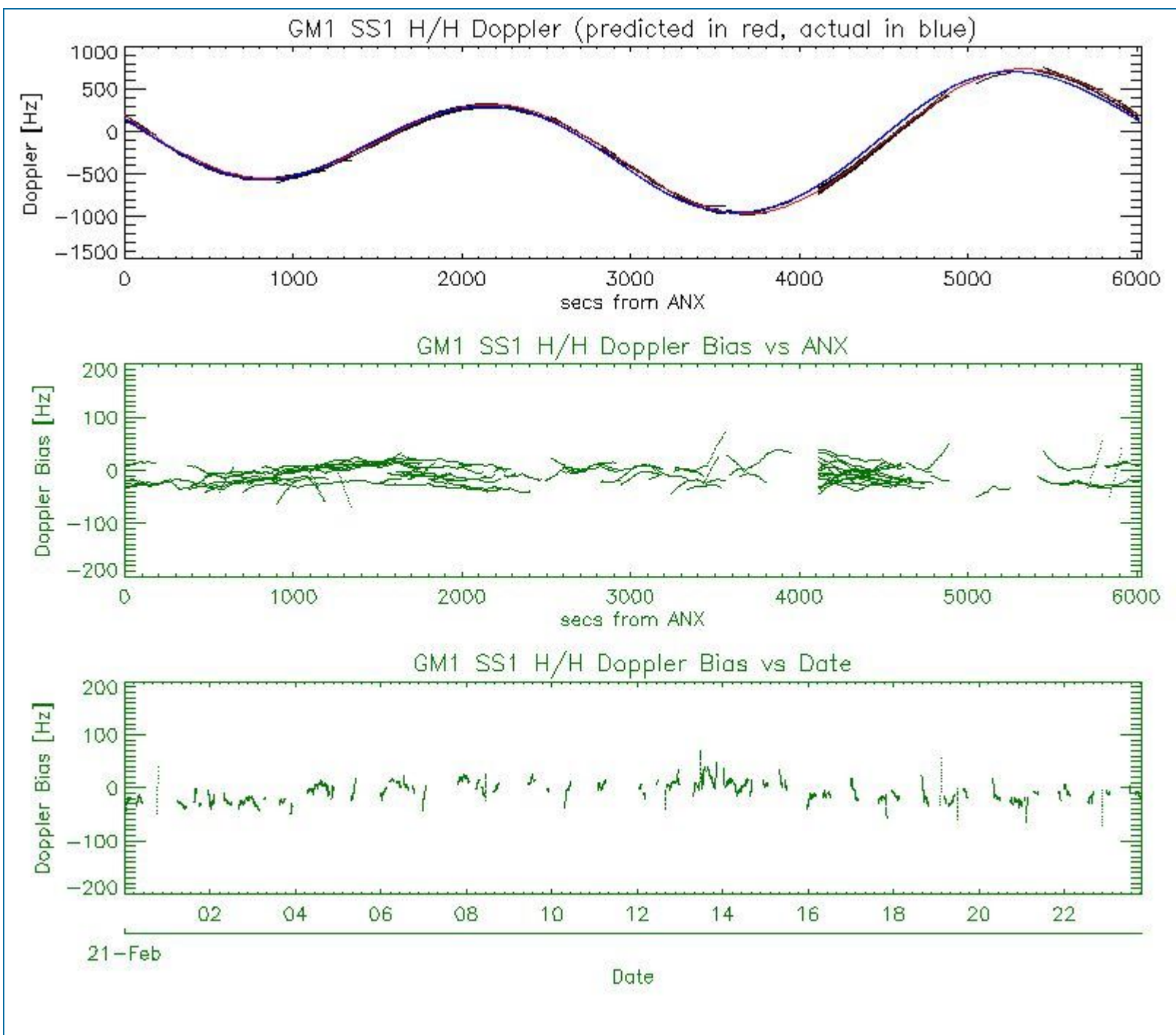




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]



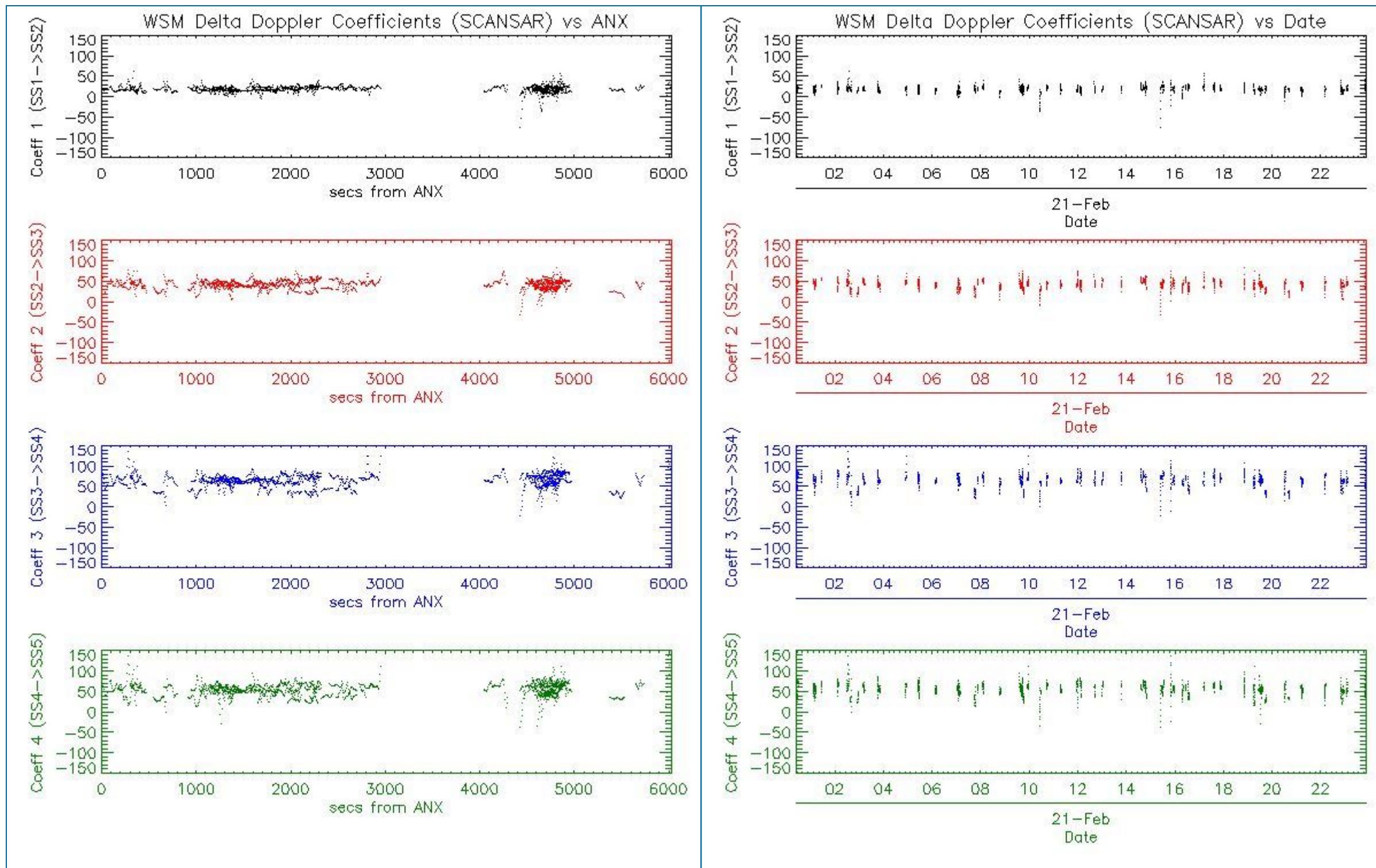


### 5.3 - Doppler JUMPS Analysis for WSM

[ [BACK TO MENU](#) ]

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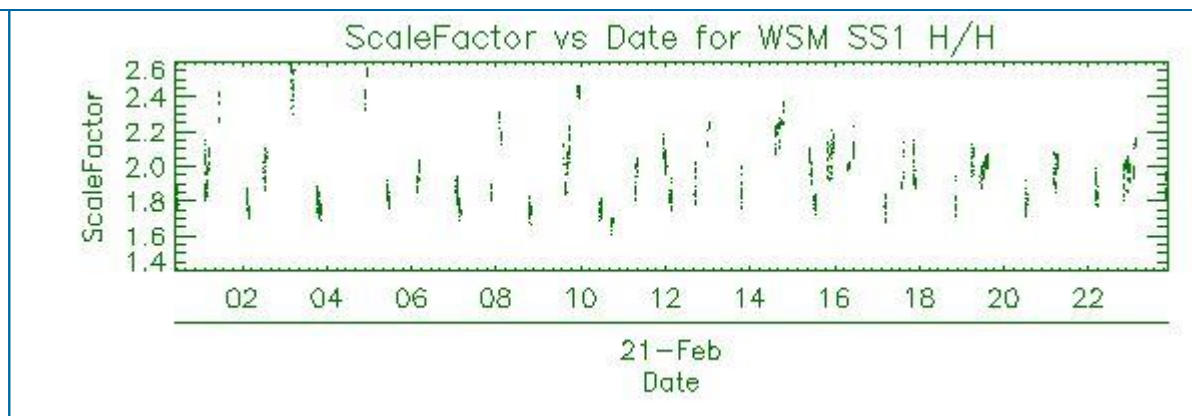
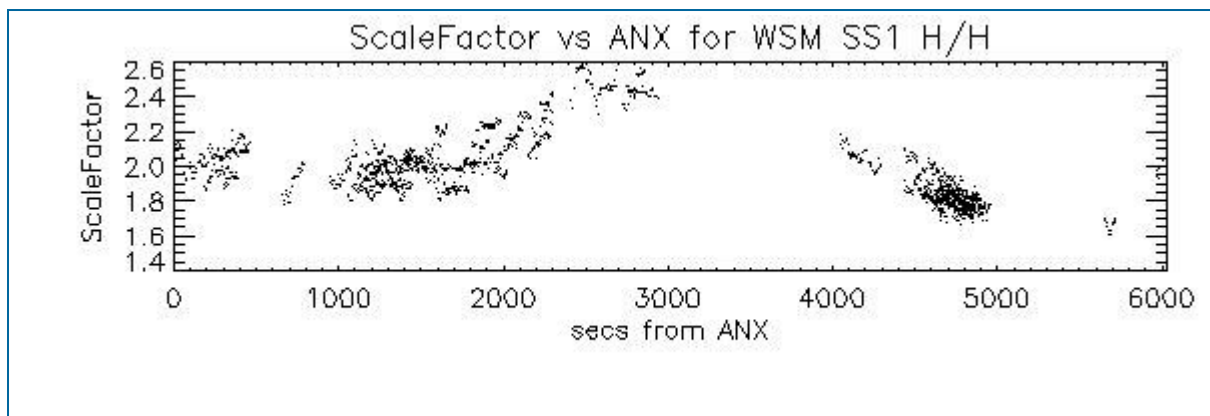
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ [BACK TO MENU](#) ]

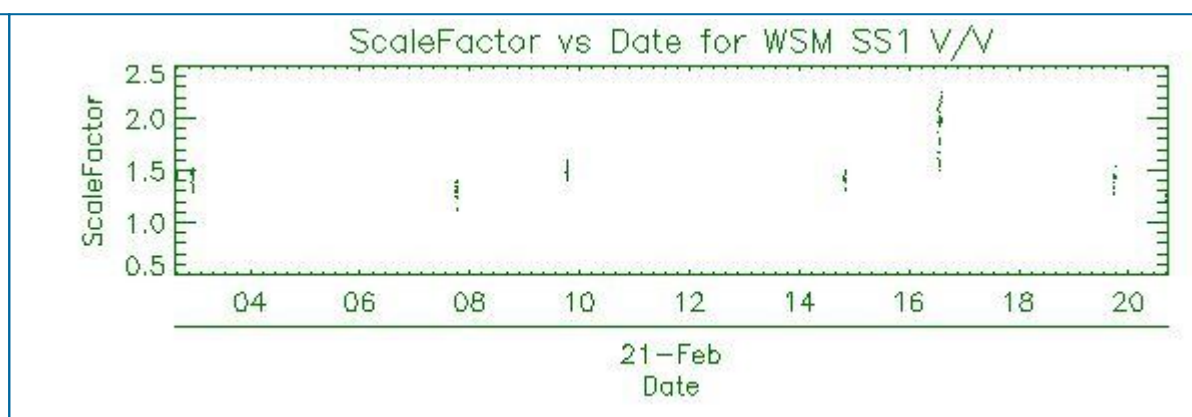
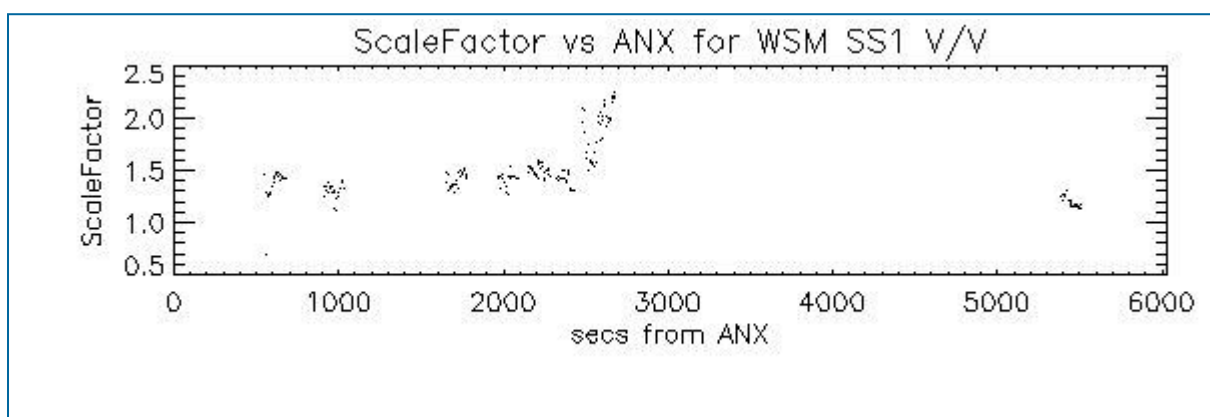




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



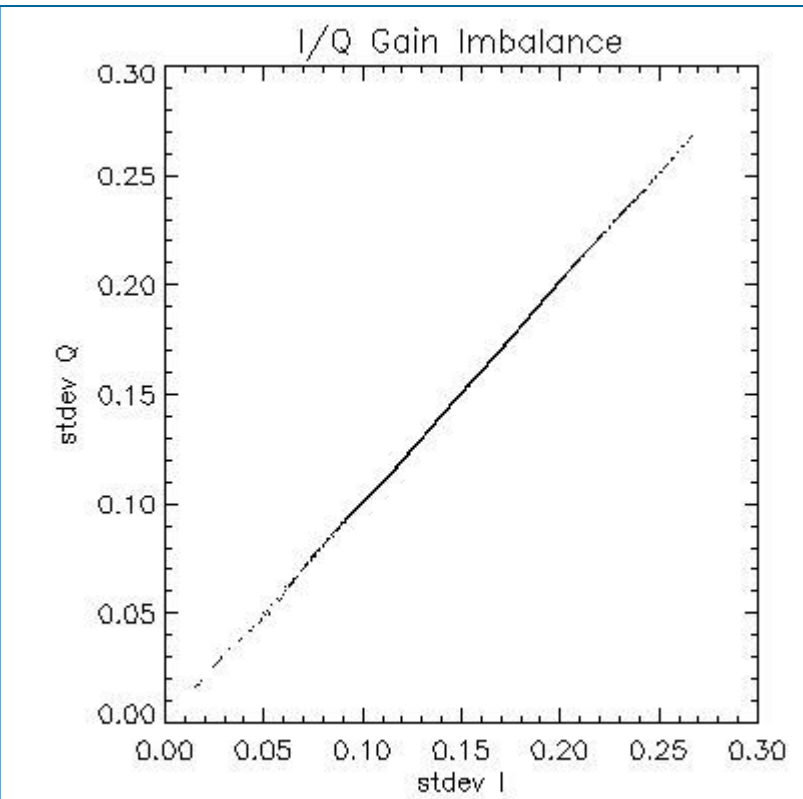
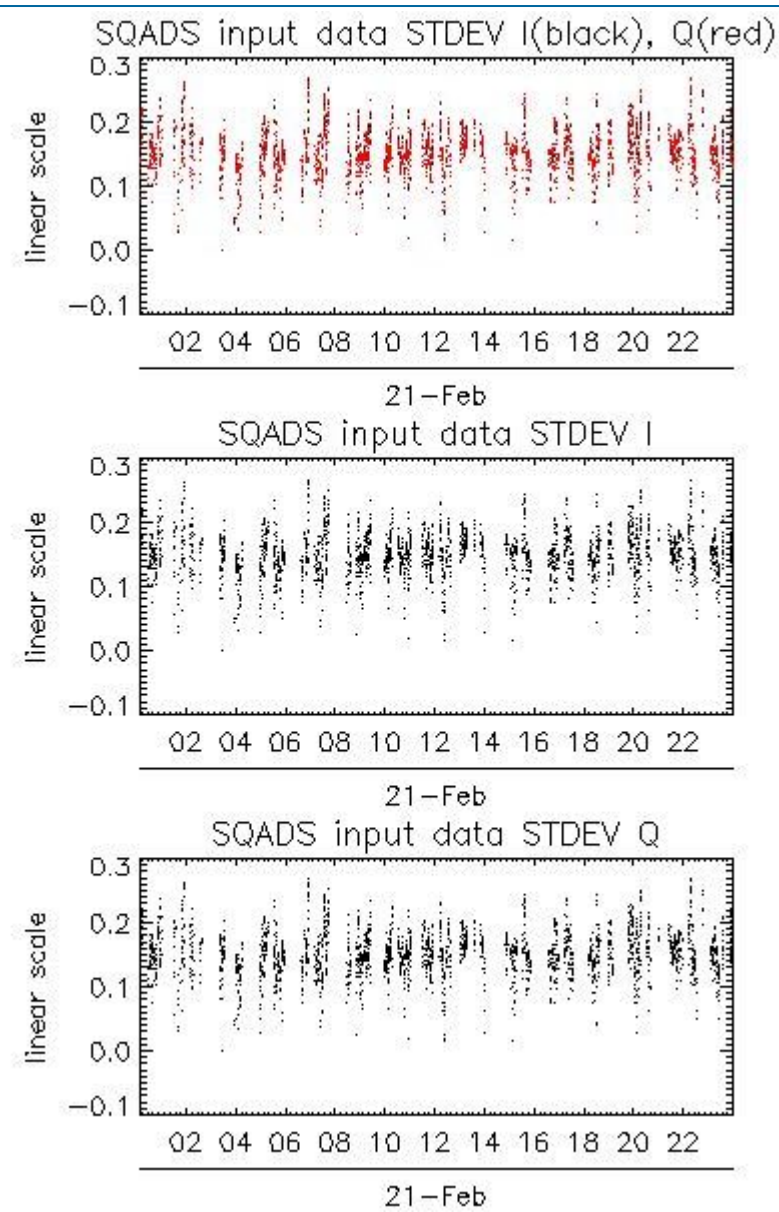
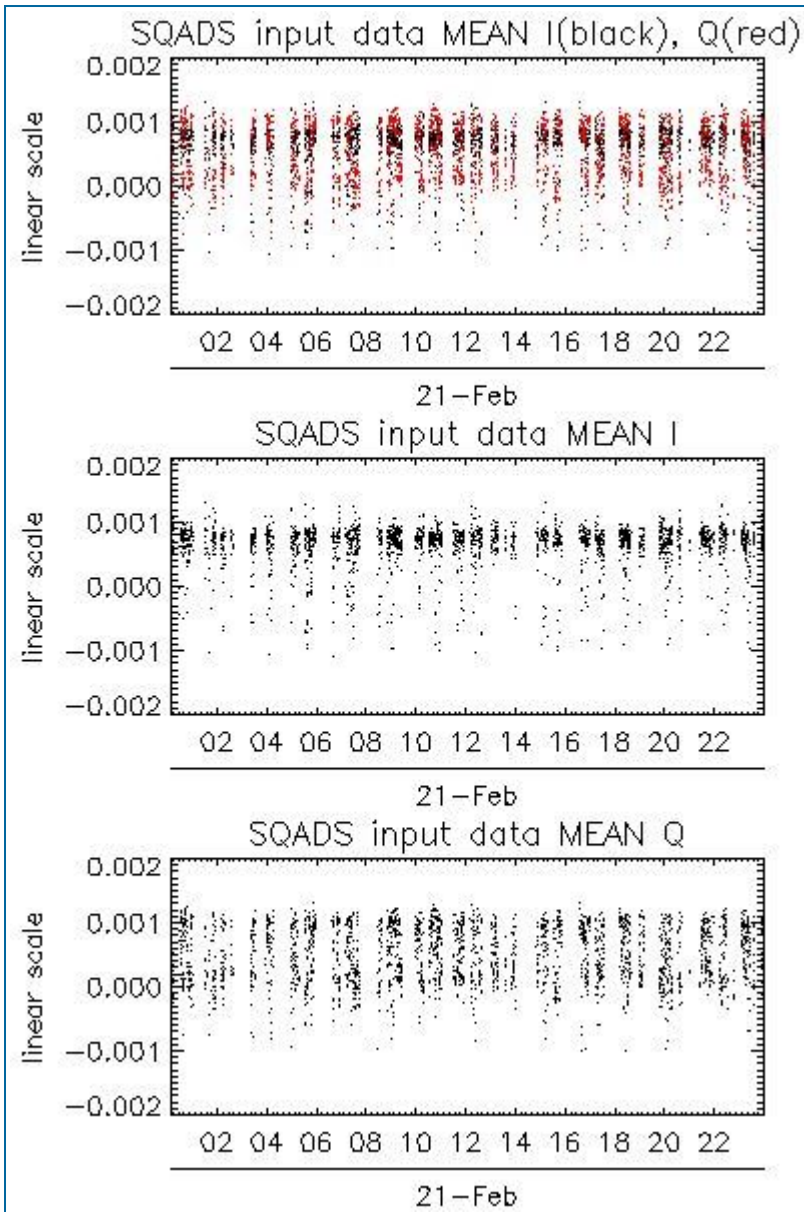
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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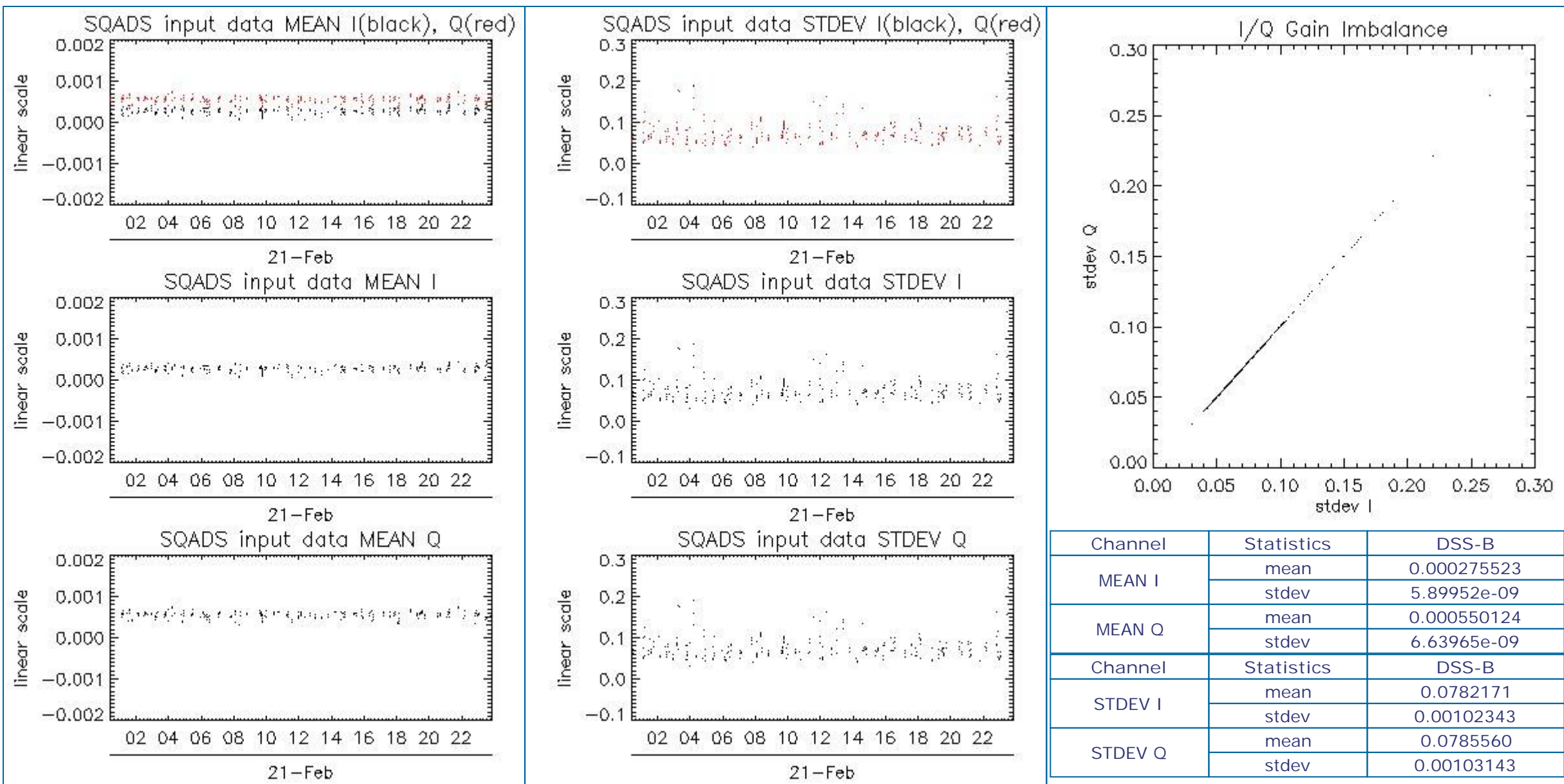


Channel	Statistics	DSS-B
MEAN I	mean	0.000642009
	stdev	1.19444e-07
MEAN Q	mean	0.000502871
	stdev	2.02546e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.151748
	stdev	0.00129062
STDEV Q	mean	0.152330
	stdev	0.00131860

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]



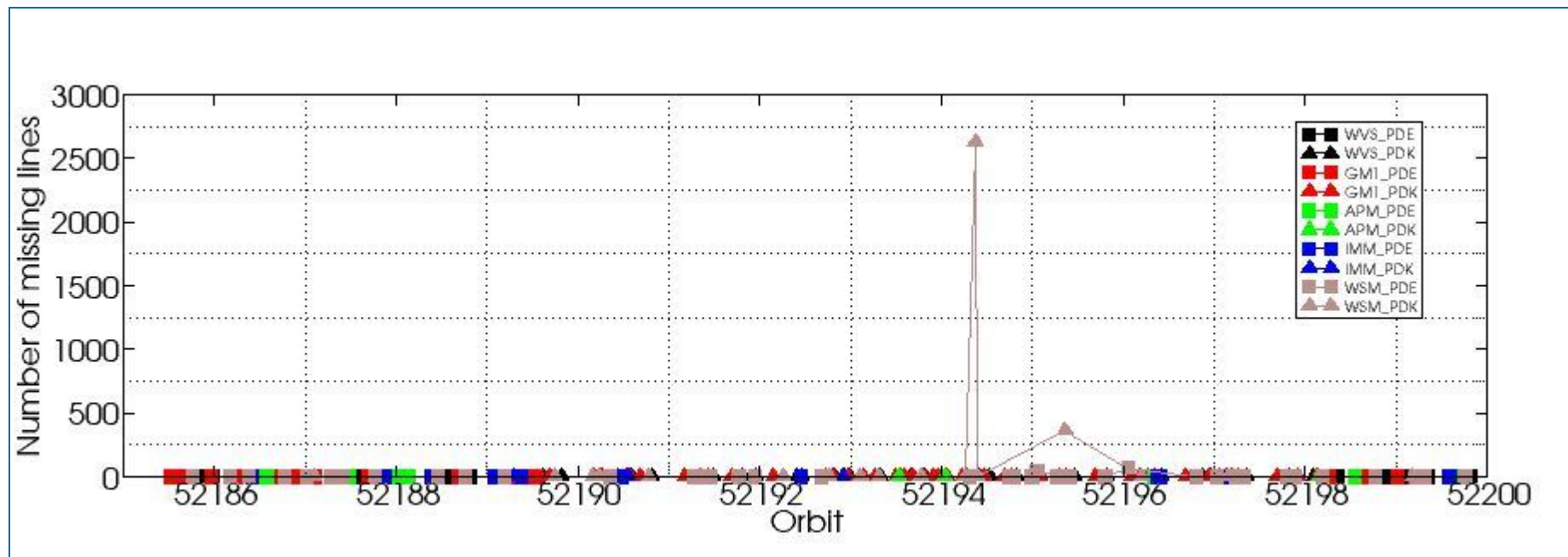


## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120221_002935_000004053112_00016_52185_3690.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_012958_000002333112_00017_52186_3713.N1	0	8
PDE	ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3717.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3720.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_045642_000008093112_00019_52188_3796.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_064619_000002403112_00020_52189_3849.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_221236_000004353112_00029_52198_4062.N1	1	0
PDE	ASA_WVS_1PNPDE20120221_235250_000004803112_00030_52199_4086.N1	1	0
PDK	ASA_WVS_1PNPDK20120221_122859_000005733112_00023_52192_9339.N1	0	8
PDE	ASA_WSM_1PNPDE20120221_012532_000000923112_00017_52186_3702.N1	0	1
PDE	ASA_WSM_1PNPDE20120221_155525_000001713112_00026_52195_4016.N1	0	48
PDE	ASA_WSM_1PNPDE20120221_173537_000001843112_00027_52196_4026.N1	0	70
PDK	ASA_WSM_1PNPDK20120221_144652_000001223112_00025_52194_9407.N1	29	2626
PDK	ASA_WSM_1PNPDK20120221_162612_000001043112_00026_52195_9437.N1	1	363

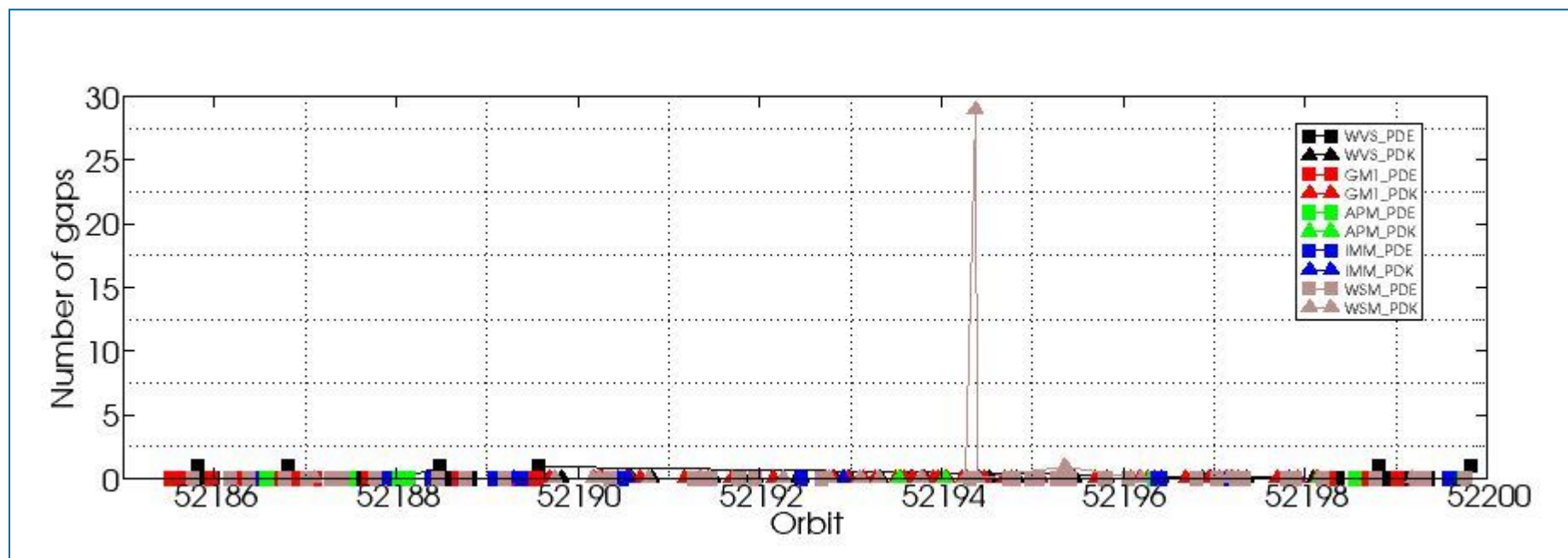
### 8.1 - Number of Missing lines





## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 120221  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-02-21 00:00:00

Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120221/

DATA SUMMARY  
#####  
Summary will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120221/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120221/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120221/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120221/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120221/AUXILIARY...

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



ADF filter 20120221\*current\_3\_IECF\_ADFs.txt  
Found list 20120221\_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/\_120221/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_WVS.xls...  
Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120221_000838_000003453112_00016_52185_3681.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_002935_000004053112_00016_52185_3690.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_003520_000005543112_00016_52185_3707.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_004654_000008093112_00016_52185_3710.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_012958_000002333112_00017_52186_3713.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_014126_000001043112_00017_52186_3714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3719.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_021404_000002253112_00017_52186_3740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_023431_000001493112_00018_52187_3745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_031940_000005253112_00018_52187_3753.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_032755_000002853112_00018_52187_3788.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_035752_000008093112_00018_52187_3790.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_041426_000008093112_00019_52188_3798.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_045642_000008093112_00019_52188_3796.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_050957_000009093112_00019_52188_3836.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_051322_000001953112_00019_52188_3837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120221_053017_000016043112_00019_52188_3844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120221_065004_000004053112_00020_52189_9208.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDK20120221_210606_000001203112_00029_52198_9508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_APM.xls...

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ASA_APM_1PNPDE20120221_042240_000000413112_00019_52188_3777.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120221_180442_000000433112_00027_52196_4028.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120221_214557_000000413112_00029_52198_4063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120221_233244_000000713112_00030_52199_4085.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120221_132225_000000953112_00024_52193_9376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120221_141321_000000703112_00025_52194_9378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120221_210501_000000423112_00029_52198_9500.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20120221_012914_000000373112_00017_52186_3705.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_035609_000000973112_00018_52187_3781.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_044725_000001643112_00019_52188_3785.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_055733_000000633112_00020_52189_3828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_062715_000002313112_00020_52189_3833.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_IMM_1PNPDE20120221_080745_000000533112_00021_52190_3882.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_081757_000002033112_00021_52190_3883.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_113450_000000883112_00023_52192_3945.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_180750_000002023112_00027_52196_4031.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_181116_000000363112_00027_52196_4030.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_192225_000000373112_00028_52197_4033.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_232838_000000373112_00030_52199_4080.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120221_233015_000000373112_00030_52199_4082.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120221_061825_000002063112_00020_52189_9197.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120221_082457_000000823112_00021_52190_9240.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120221_122135_000000373112_00023_52192_9342.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_WSM.xls...  
Writing file ./RESULTS/DAILY/\_120221/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20120221_002427_000002813112_00016_52185_3671.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_010549_000004343112_00017_52186_3703.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_012532_000000923112_00017_52186_3702.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_020609_000002143112_00017_52186_3708.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_023006_000002513112_00018_52187_3742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_025601_000001533112_00018_52187_3743.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_030843_000003003112_00018_52187_3736.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_034456_000003923112_00018_52187_3776.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_045413_000001533112_00019_52188_3786.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_052404_000003303112_00019_52188_3829.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_060730_000002693112_00020_52189_3831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_080410_000002143112_00021_52190_3880.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_093608_000002513112_00022_52191_3910.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_094030_000002753112_00022_52191_3912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_094614_000000923112_00022_52191_3914.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_095513_000002143112_00022_52191_3917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_102623_000002143112_00022_52191_3947.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_104339_000000923112_00022_52191_3948.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_115710_000002513112_00023_52192_3953.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_144103_000001593112_00025_52194_4017.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_152402_000001903112_00025_52194_4018.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_153008_000001533112_00025_52194_4019.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_154935_000001533112_00025_52194_4015.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_155525_000001713112_00026_52195_4016.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_161800_000001353112_00026_52195_4024.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_163139_000002263112_00026_52195_4025.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_171027_000001533112_00026_52195_4023.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_173537_000001843112_00027_52196_4026.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_185009_000001533112_00027_52196_4029.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_191343_000002143112_00028_52197_4032.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_193340_000002393112_00028_52197_4041.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_194336_000001533112_00028_52197_4042.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_203023_000001533112_00028_52197_4040.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_204032_000001533112_00028_52197_4043.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_211031_000003923112_00029_52198_4053.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_220854_000002203112_00029_52198_4048.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_225353_000003123112_00030_52199_4075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_230346_000001533112_00030_52199_4079.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120221_234832_000002393112_00030_52199_4071.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_023743_000001533112_00018_52187_9169.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_070252_000004103112_00020_52189_9220.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_074422_000001533112_00021_52190_9221.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_075204_000000923112_00021_52190_9222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_084628_000002143112_00021_52190_9254.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_094319_000000923112_00022_52191_9257.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_094516_000000923112_00022_52191_9256.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_111559_000003063112_00023_52192_9301.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_120546_000002143112_00023_52192_9341.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WSM_1PNPDK20120221_124055_000001473112_00024_52193_9349.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_130002_000001533112_00024_52193_9351.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_134641_000001283112_00024_52193_9373.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_143540_000001533112_00025_52194_9381.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_144652_000001223112_00025_52194_9407.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_144856_000001223112_00025_52194_9410.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_162612_000001043112_00026_52195_9437.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_175035_000002513112_00027_52196_9452.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_192635_000001533112_00028_52197_9484.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_193046_000002083112_00028_52197_9489.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120221_224854_000002083112_00030_52199_9533.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59  
 Results will be exported to the directory: ./RESULTS/DAILY/\_120221/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120221/MODULE\_STEPPING...  
 Creating directory ./RESULTS/DAILY/\_120221/MODULE\_STEPPING/FIRST\_REFERENCE...  
 Creating directory ./RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE...  
 Creating directory ./RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
 Deleting old files...

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Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
 Test product: ASA\_MS\_\_0PNPDE20120221\_215812\_000000163112\_00029\_52198\_0475.N1

H  
 H  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20120221\_215812-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20120221\_215812-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20120221\_215812-20010209\_135042.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20120221\_215812-20010209\_135042.png

Polarization: V  
 Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
 Test product: ASA\_MS\_\_0PNPDE20120221\_233826\_000000163112\_00030\_52199\_0476.N1

V  
 V  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20120221\_233826-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20120221\_233826-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20120221\_233826-20010209\_140823.png  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20120221\_233826-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_\_0PNPDE20120220\_223457\_000000163112\_00015\_52184\_0473.N1  
 Test product: ASA\_MS\_\_0PNPDE20120221\_215812\_000000163112\_00029\_52198\_0475.N1

H  
 H  
 ../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20120221\_215812-20120220\_223457.png

../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20120221\_215812-20120220\_223457.png  
../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20120221\_215812-20120220\_223457.png  
../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20120221\_215812-20120220\_223457.png

Polarization: V

Reference product: ASA\_MS\_0PNPDE20120221\_001511\_000000163112\_00016\_52185\_0474.N1

Test product: ASA\_MS\_0PNPDE20120221\_233826\_000000163112\_00030\_52199\_0476.N1

V  
V

../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20120221\_233826-20120221\_001511.png  
../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20120221\_233826-20120221\_001511.png  
../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20120221\_233826-20120221\_001511.png  
../../../../RESULTS/DAILY/\_120221/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20120221\_233826-20120221\_001511.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59

Analysing products WVS IS2 V/V

1 78337 7 78337

Writing image ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 38721 7 38721

Writing image ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-21\_1.dat...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-21\_2.dat...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-21\_3.dat...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-21\_4.dat...

Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_120221//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 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 1/5/9/13/17/21/25/29





Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-21\_1.dat...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-21\_2.dat...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-21\_3.dat...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-21 00:00:00 to 2012-02-21 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_120221/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-21\_4.dat...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_120221//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_120221/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
 Writing file ./RESULTS/DAILY/\_120221/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-02-21.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_120221/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
 Writing file ./RESULTS/DAILY/\_120221/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-02-21.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_120221/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER JUMPS Analysis will be performed on WSM products from 2012-02-21 00:00:00 to 2012-02-21 23:59:59

Analysing by default products WSM  
 Getting doppler jumps data for WSM from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...  
 Writing file ./RESULTS/DAILY/\_120221/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-02-21.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_120221/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
 Writing file ../../RESULTS/DAILY/\_120221/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER MAP Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59

Analysing products WVS IS2 V/V

1208

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.529852 Hz  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1242

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -27.375254 Hz  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2664

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -5.8862518 Hz  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2310

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -10.340855 Hz  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_120221//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120221/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59



Analysing products WSM SS1 H/H

```
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...
Writing file ./RESULTS/DAILY/_120221/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-02-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120221/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120221/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...
Writing file ./RESULTS/DAILY/_120221/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-02-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120221/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120221/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120221/RAW_DATA
```

Creating directory ./RESULTS/DAILY/\_120221/RAW\_DATA...

```
*****
Getting raw data for WVS from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...
Writing file ./RESULTS/DAILY/_120221/RAW_DATA/Raw_data_WVS_2012-02-21.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2012-02-21 00:00:00 to 2012-02-21 23:59:59...
Writing file ./RESULTS/DAILY/_120221/RAW_DATA/Raw_data_IMM_2012-02-21.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120221/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2012-02-21 00:00:00 to 2012-02-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120221/TELEMETRY
```

Creating directory ./RESULTS/DAILY/\_120221/TELEMETRY...

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

```
*****
```

```
Checking 31 products from PDE...
Found product...ASA_WVS_1PNPDE20120221_002935_000004053112_00016_52185_3690.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120221_012958_000002333112_00017_52186_3713.N1 / 0 gaps / 8 missing lines
```

Found product...ASA\_WVS\_1PNPDE20120221\_020949\_000003003112\_00017\_52186\_3717.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120221\_020949\_000003003112\_00017\_52186\_3720.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120221\_045642\_000008093112\_00019\_52188\_3796.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120221\_064619\_000002403112\_00020\_52189\_3849.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120221\_221236\_000004353112\_00029\_52198\_4062.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120221\_235250\_000004803112\_00030\_52199\_4086.N1 / 1 gaps / 0 missing lines  
Checking 27 products from PDK...  
Found product...ASA\_WVS\_1PNPDK20120221\_122859\_000005733112\_00023\_52192\_9339.N1 / 0 gaps / 8 missing lines

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

\*\*\*\*\*  
Checking 33 products from PDE...  
Checking 50 products from PDK...

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

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

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

\*\*\*\*\*  
Checking 13 products from PDE...  
Checking 3 products from PDK...

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

\*\*\*\*\*  
Checking 39 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20120221\_012532\_00000923112\_00017\_52186\_3702.N1 / 0 gaps / 1 missing lines  
Found product...ASA\_WSM\_1PNPDE20120221\_155525\_000001713112\_00026\_52195\_4016.N1 / 0 gaps / 48 missing lines  
Found product...ASA\_WSM\_1PNPDE20120221\_173537\_000001843112\_00027\_52196\_4026.N1 / 0 gaps / 70 missing lines  
Checking 20 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20120221\_144652\_000001223112\_00025\_52194\_9407.N1 / 29 gaps / 2626 missing lines  
Found product...ASA\_WSM\_1PNPDK20120221\_162612\_000001043112\_00026\_52195\_9437.N1 / 1 gaps / 363 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_120221/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_120221/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_120221/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_1PNPDE20120221_013534_000000863112_00017_52186_3704.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_014722_000000403112_00017_52186_3706.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_031418_000000573112_00018_52187_3737.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_031737_000001183112_00018_52187_3738.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_041227_000001033112_00019_52188_3780.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_042240_000000413112_00019_52188_3777.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_180442_000000433112_00027_52196_4028.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_214557_000000413112_00029_52198_4063.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120221_233244_000000713112_00030_52199_4085.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120221_132225_000000953112_00024_52193_9376.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120221_141321_000000703112_00025_52194_9378.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120221_210501_000000423112_00029_52198_9500.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_1PNPDE20120221_000207_000003263112_00016_52185_3680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_001644_000004593112_00016_52185_3689.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_004526_000000783112_00016_52185_3709.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_011307_000007433112_00017_52186_3711.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_013722_000002413112_00017_52186_3712.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_014357_000002053112_00017_52186_3715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_015656_000005493112_00017_52186_3721.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_015656_000005493112_00017_52186_3728.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_021835_000006893112_00017_52186_3739.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_024018_000009433112_00018_52187_3741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_025838_000006043112_00018_52187_3744.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_031537_000001143112_00018_52187_3752.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_033712_000004593112_00018_52187_3789.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_035243_000002053112_00018_52187_3791.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_041646_000003563112_00019_52188_3792.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_042343_000014263112_00019_52188_3799.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_045022_000002293112_00019_52188_3797.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_051723_000003983112_00019_52188_3839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_055848_000001693112_00020_52189_3840.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_060341_000002233112_00020_52189_3841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_061202_000003863112_00020_52189_3842.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_062202_000003143112_00020_52189_3843.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_063115_000003923112_00020_52189_3845.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_064321_000001753112_00020_52189_3850.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_211709_000003503112_00029_52198_4050.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_215152_000001633112_00029_52198_4051.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_215943_000005493112_00029_52198_4058.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_223227_000004713112_00030_52199_4072.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_225228_000000783112_00030_52199_4074.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_225915_000002653112_00030_52199_4077.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_233105_000000963112_00030_52199_4081.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120221_233955_000005133112_00030_52199_4084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_065739_000003083112_00020_52189_9209.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_074656_000003023112_00021_52190_9210.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_075336_000002593112_00021_52190_9211.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_075644_000004413112_00021_52190_9235.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_081330_000002653112_00021_52190_9236.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_082130_000002053112_00021_52190_9237.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_082631_000000903112_00021_52190_9238.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_083750_000005133112_00021_52190_9241.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_092700_000005433112_00022_52191_9246.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_095248_000001383112_00022_52191_9284.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_101809_000004893112_00022_52191_9291.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_110415_000007013112_00023_52192_9293.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_120144_000002413112_00023_52192_9332.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_120924_000001083112_00023_52192_9338.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_122633_000001383112_00023_52192_9335.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_123921_000000843112_00024_52193_9334.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_124330_000008283112_00024_52193_9340.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_125608_000002293112_00024_52193_9366.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_131849_000002173112_00024_52193_9367.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_132419_000003023112_00024_52193_9368.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_132925_000003863112_00024_52193_9370.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_133837_000004833112_00024_52193_9375.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_134854_000001573112_00024_52193_9374.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_140046_000003203112_00024_52193_9371.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_140702_000003803112_00024_52193_9377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_141627_000010693112_00025_52194_9379.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_143302_000001503112_00025_52194_9411.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_143814_000001633112_00025_52194_9412.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_145703_000003803112_00025_52194_9414.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_151848_000003083112_00025_52194_9415.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_152730_000001503112_00025_52194_9418.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_155820_000007313112_00026_52195_9420.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120221_162029_000003383112_00026_52195_9438.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_162800_000002173112_00026_52195_9442.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_165902_000006833112_00026_52195_9440.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_173845_000006283112_00027_52196_9444.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_174842_000001083112_00027_52196_9470.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_175804_000003983112_00027_52196_9471.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_180548_000001203112_00027_52196_9472.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_183916_000006283112_00027_52196_9476.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_190552_000000903112_00027_52196_9477.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_191124_000001323112_00028_52197_9479.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_191718_000003083112_00028_52197_9478.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_192314_000001993112_00028_52197_9481.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_192911_000000903112_00028_52197_9499.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_193743_000003503112_00028_52197_9501.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_201930_000006283112_00028_52197_9502.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_204307_000010153112_00028_52197_9505.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_210317_000001023112_00029_52198_9506.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120221_210606_000001203112_00029_52198_9508.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_1PNPDE20120221_012914_000000373112_00017_52186_3705.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_035609_000000973112_00018_52187_3781.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_044725_000001643112_00019_52188_3785.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_055733_000000633112_00020_52189_3828.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_062715_000002313112_00020_52189_3833.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_080745_000000533112_00021_52190_3882.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_081757_000002033112_00021_52190_3883.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_113450_000000883112_00023_52192_3945.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_180750_000002023112_00027_52196_4031.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_181116_000000363112_00027_52196_4030.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_192225_000000373112_00028_52197_4033.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_232838_000000373112_00030_52199_4080.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120221_233015_000000373112_00030_52199_4082.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120221_061825_000002063112_00020_52189_9197.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120221_082457_000000823112_00021_52190_9240.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120221_122135_000000373112_00023_52192_9342.N1	OK	OK	OK	OK

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

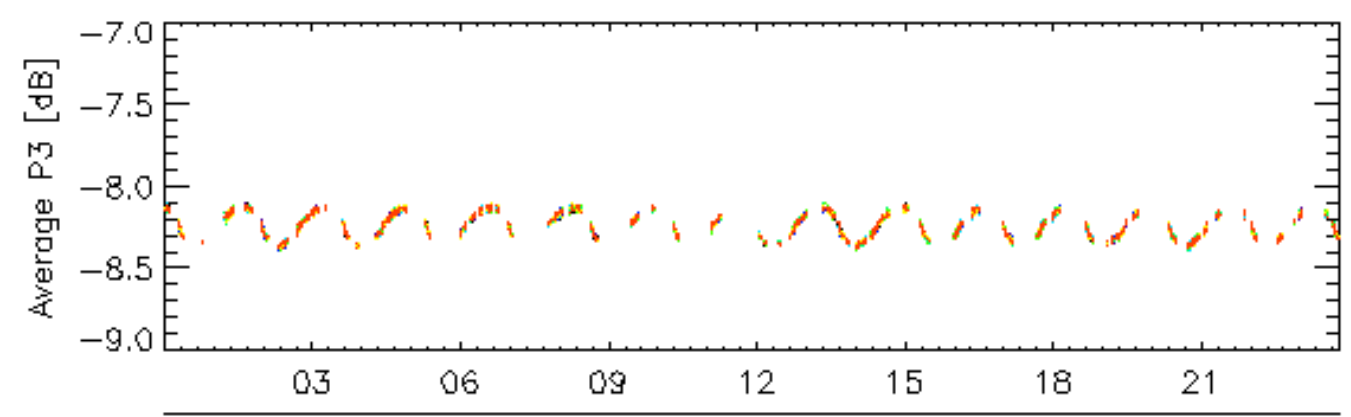
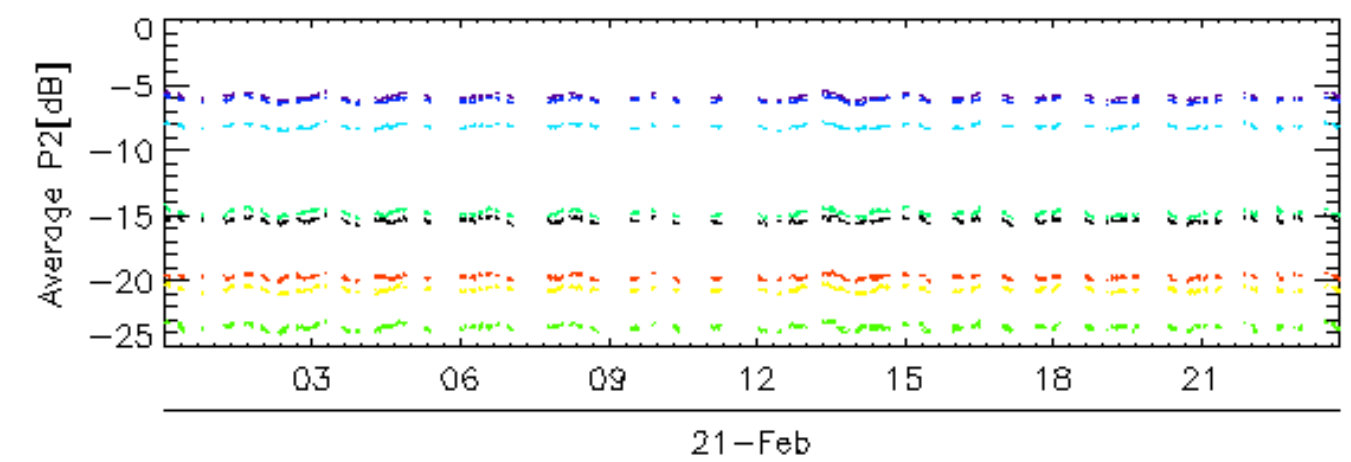
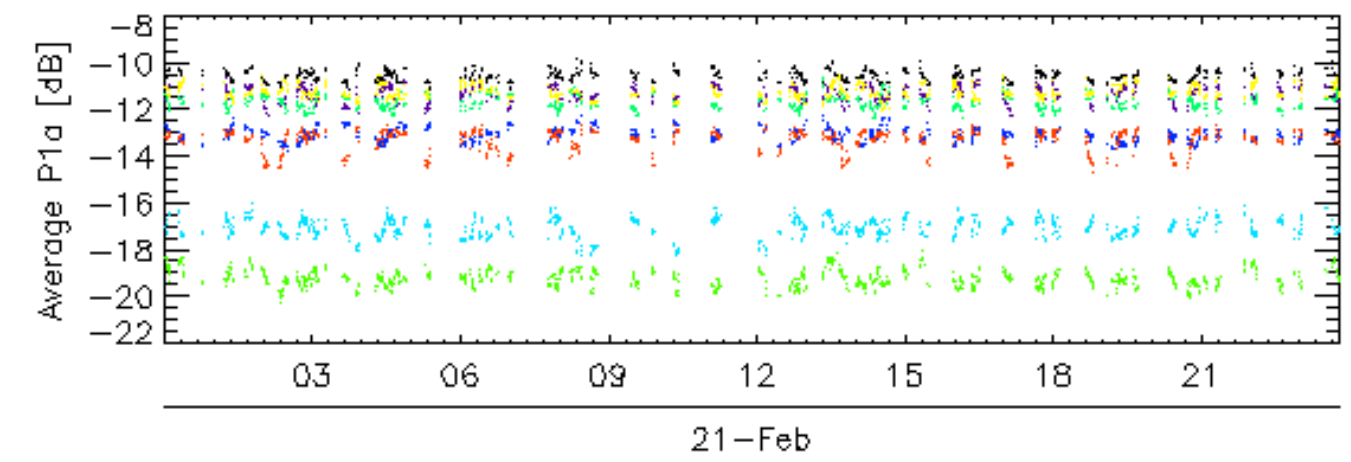
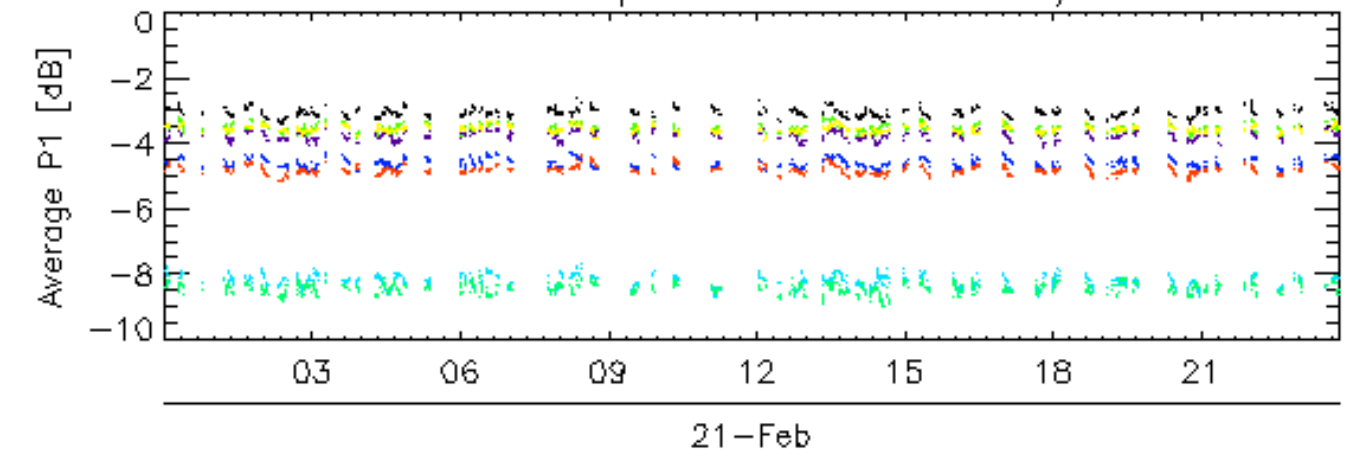
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ASA_WSM_1PNPDE20120221_010549_000004343112_00017_52186_3703.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_012532_000000923112_00017_52186_3702.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_020609_000002143112_00017_52186_3708.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_023006_000002513112_00018_52187_3742.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_025601_000001533112_00018_52187_3743.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_030843_000003003112_00018_52187_3736.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_034456_000003923112_00018_52187_3776.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_045413_000001533112_00019_52188_3786.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_052404_000003303112_00019_52188_3829.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_060730_000002693112_00020_52189_3831.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_080410_000002143112_00021_52190_3880.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_093608_000002513112_00022_52191_3910.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_094030_000002753112_00022_52191_3912.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_094614_000000923112_00022_52191_3914.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_095513_000002143112_00022_52191_3917.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_102623_000002143112_00022_52191_3947.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_104339_000000923112_00022_52191_3948.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_115710_000002513112_00023_52192_3953.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20120221_153008_000001533112_00025_52194_4019.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_154935_000001533112_00025_52194_4015.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_155525_000001713112_00026_52195_4016.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20120221_163139_000002263112_00026_52195_4025.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_171027_000001533112_00026_52195_4023.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_173537_000001843112_00027_52196_4026.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20120221_191343_000002143112_00028_52197_4032.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20120221_194336_000001533112_00028_52197_4042.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_203023_000001533112_00028_52197_4040.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_204032_000001533112_00028_52197_4043.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_211031_000003923112_00029_52198_4053.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_220854_000002203112_00029_52198_4048.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_225353_000003123112_00030_52199_4075.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_230346_000001533112_00030_52199_4079.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120221_234832_000002393112_00030_52199_4071.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_023743_000001533112_00018_52187_9169.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_070252_000004103112_00020_52189_9220.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_074422_000001533112_00021_52190_9221.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120221_094319_000000923112_00022_52191_9257.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_094516_000000923112_00022_52191_9256.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_111559_000003063112_00023_52192_9301.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120221_124055_000001473112_00024_52193_9349.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_130002_000001533112_00024_52193_9351.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_134641_000001283112_00024_52193_9373.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_143540_000001533112_00025_52194_9381.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_144652_000001223112_00025_52194_9407.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_144856_000001223112_00025_52194_9410.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_162612_000001043112_00026_52195_9437.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_175035_000002513112_00027_52196_9452.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_192635_000001533112_00028_52197_9484.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_193046_000002083112_00028_52197_9489.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120221_224854_000002083112_00030_52199_9533.N1					OK	OK	OK	OK

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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20120221_003520_000005543112_00016_52185_3707.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_004654_000008093112_00016_52185_3710.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_012958_000002333112_00017_52186_3713.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_014126_000001043112_00017_52186_3714.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3716.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3719.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3717.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3720.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_021404_000002253112_00017_52186_3740.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_023431_000001493112_00018_52187_3745.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_031940_000005253112_00018_52187_3753.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_032755_000002853112_00018_52187_3788.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_035752_000008093112_00018_52187_3790.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_041426_000008093112_00019_52188_3798.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_045642_000008093112_00019_52188_3796.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120221_051322_000001953112_00019_52188_3837.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_053017_000016043112_00019_52188_3844.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120221_215440_000001653112_00029_52198_4059.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_221236_000004353112_00029_52198_4062.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_221851_000007643112_00029_52198_4073.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_224714_00000603112_00030_52199_4076.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_230617_000012593112_00030_52199_4078.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_233403_000002253112_00030_52199_4083.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120221_235250_000004803112_00030_52199_4086.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_065004_000004053112_00020_52189_9208.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_071031_000019943112_00020_52189_9212.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_082806_000005403112_00021_52190_9239.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_085044_000021293112_00021_52190_9247.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120221_121121_000005703112_00023_52192_9337.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120221_122859_000005733112_00023_52192_9339.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120221_135135_000005103112_00024_52193_9380.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120221_155206_000001043112_00026_52195_9419.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_163606_000013343112_00026_52195_9441.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_171259_000013193112_00026_52195_9443.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_181200_000015893112_00027_52196_9473.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_185744_000004493112_00027_52196_9475.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_190730_000001943112_00027_52196_9480.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_194607_000019643112_00028_52197_9503.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120221_203255_000004203112_00028_52197_9504.N1					OK	OK	OK	OK
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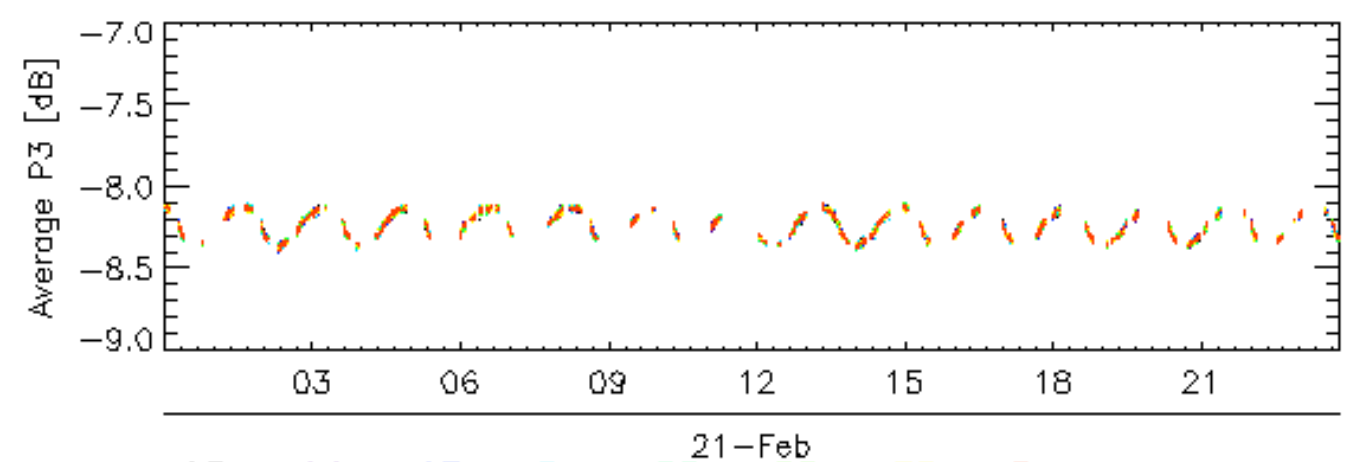
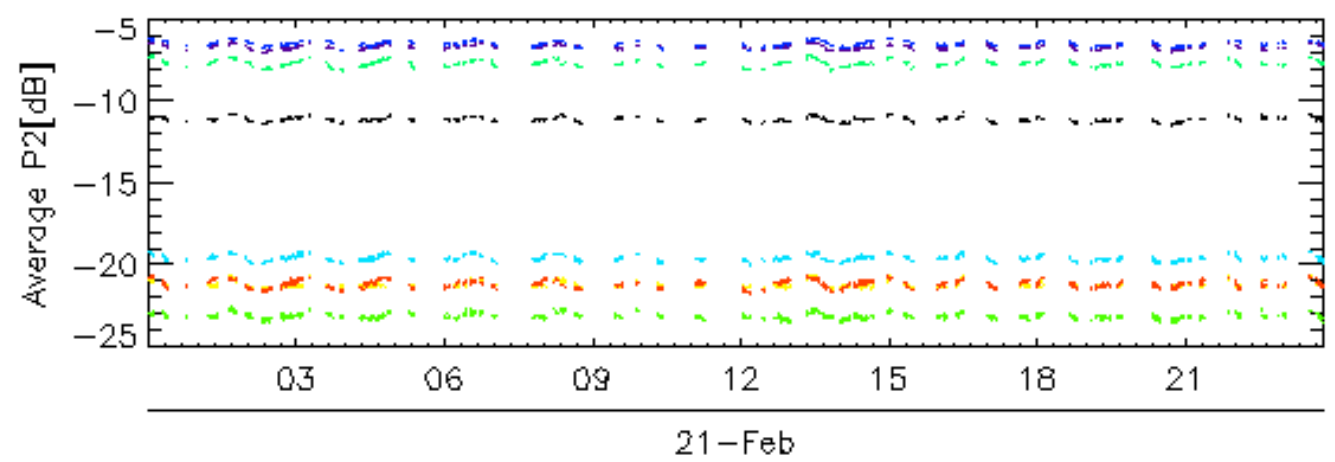
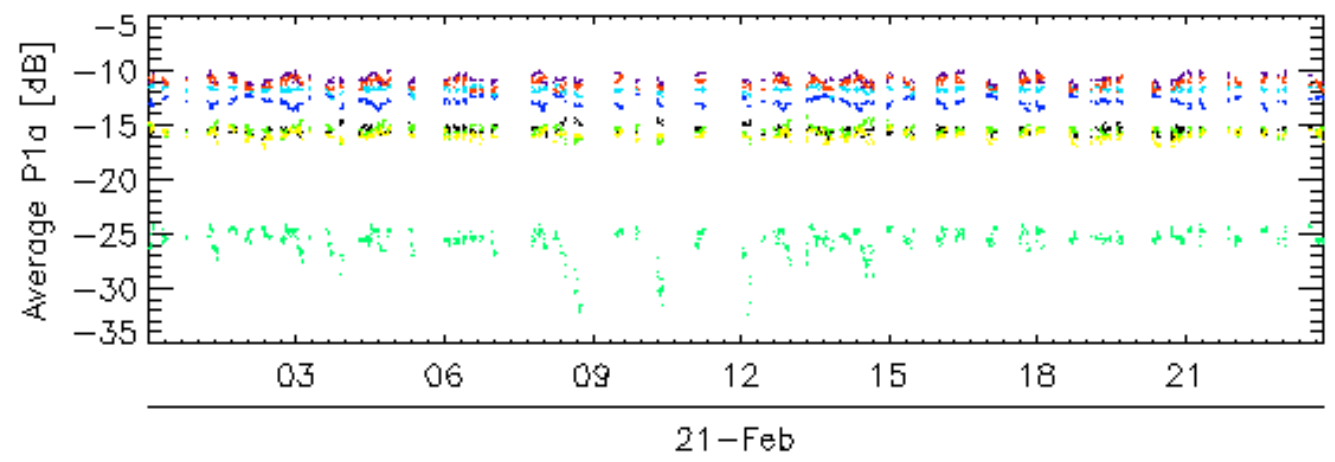
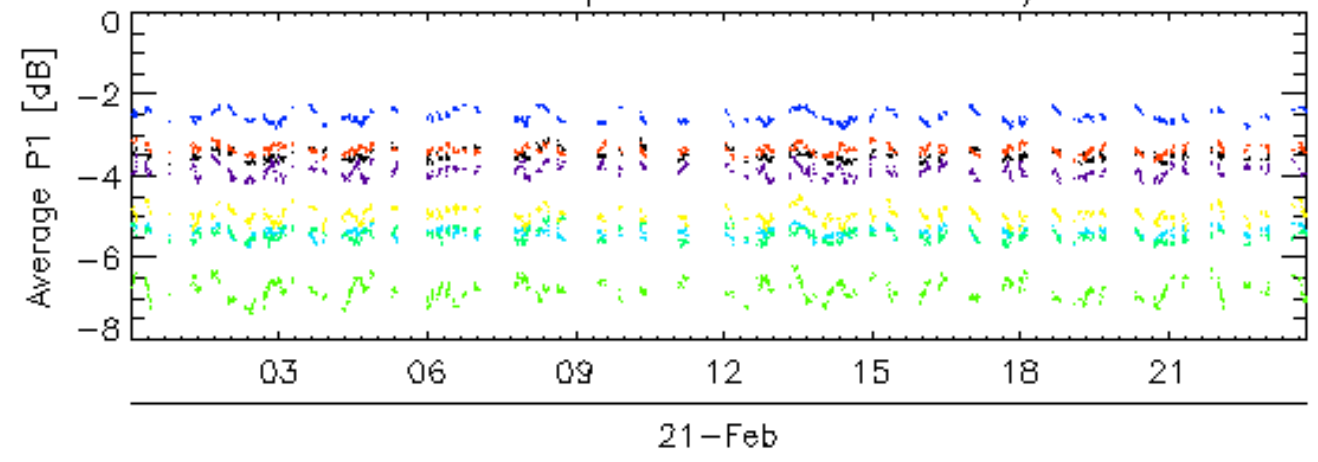


### Calibration pulses for GM1 SS3 H/H



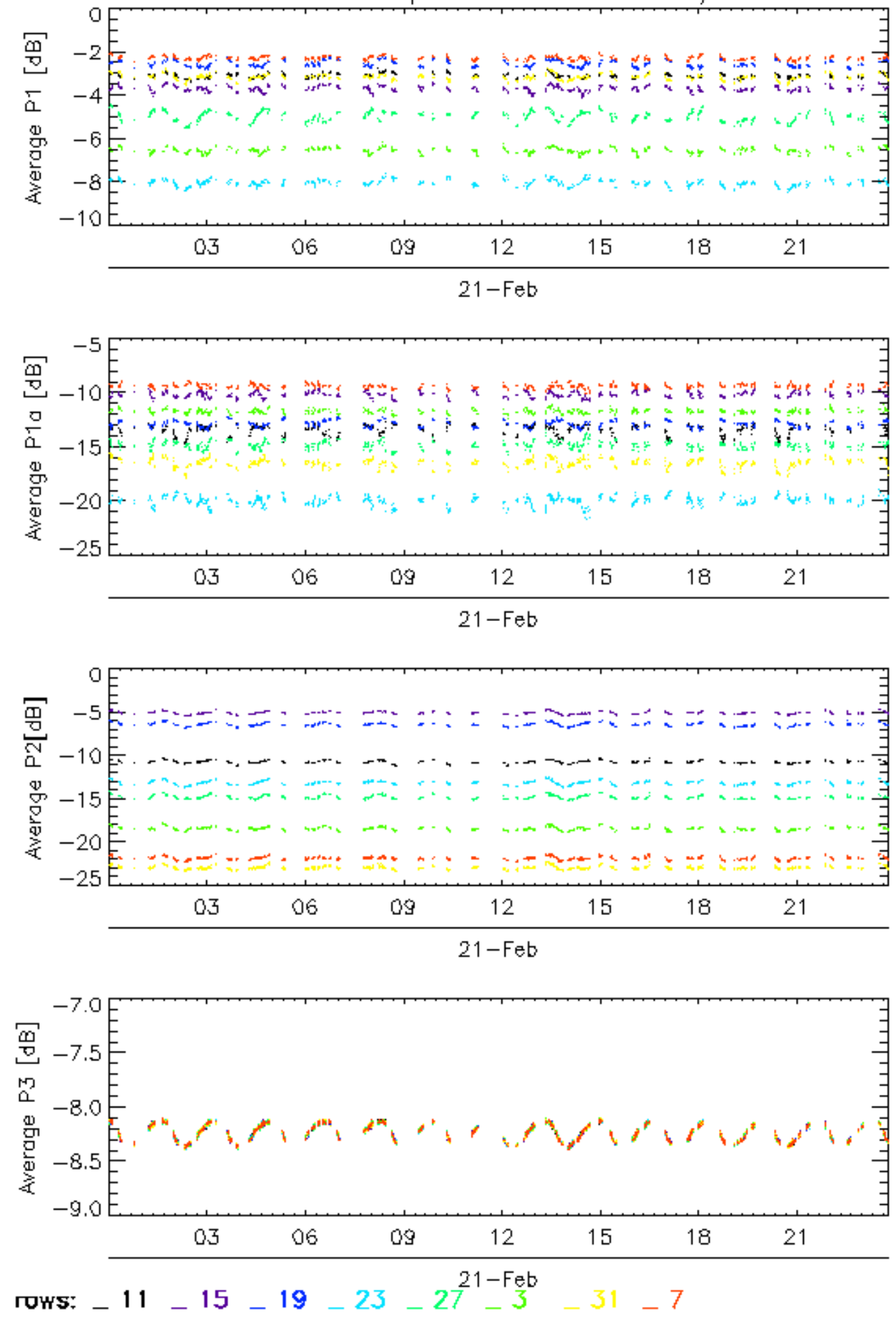
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### Calibration pulses for GM1 SS3 H/H



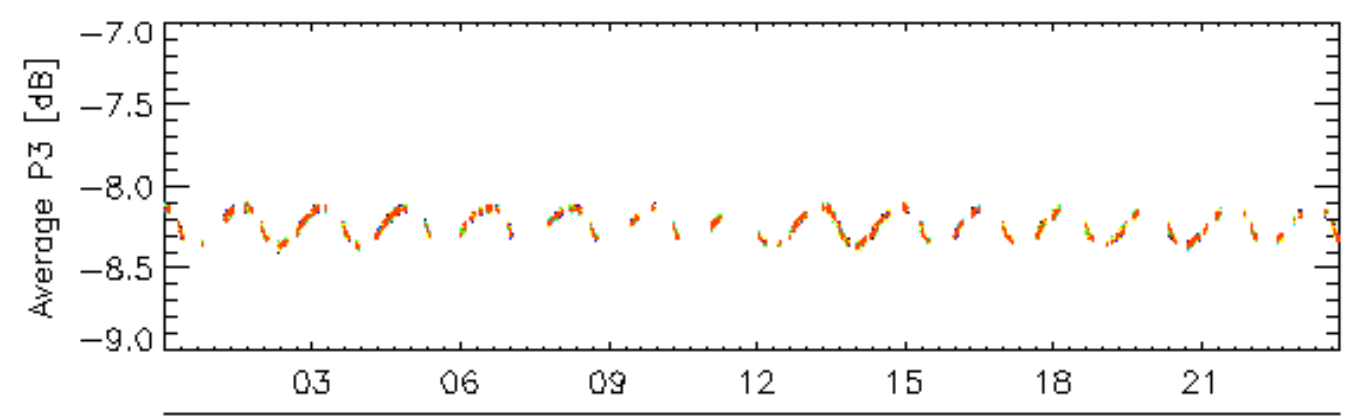
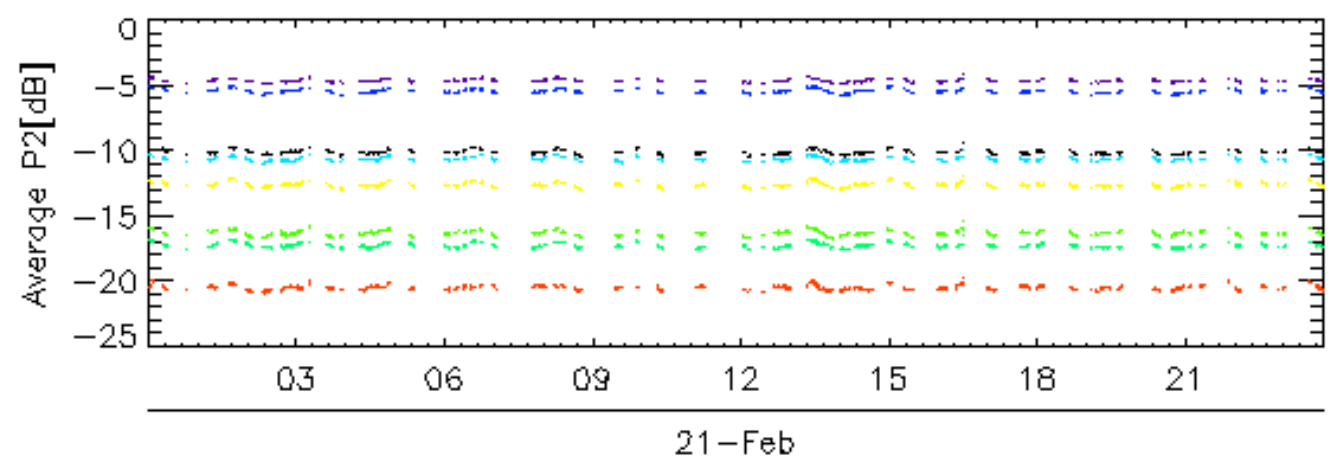
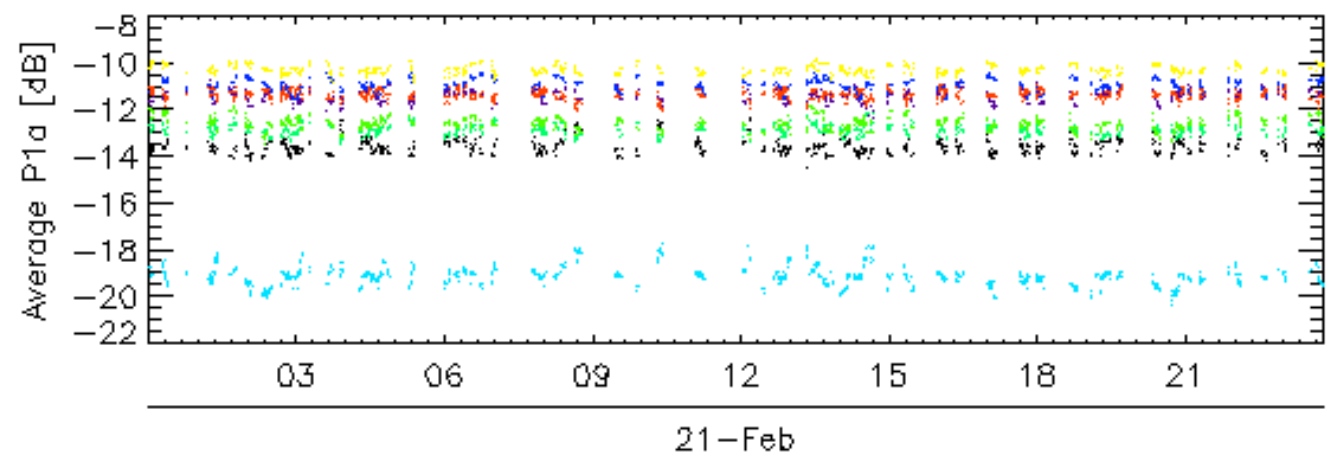
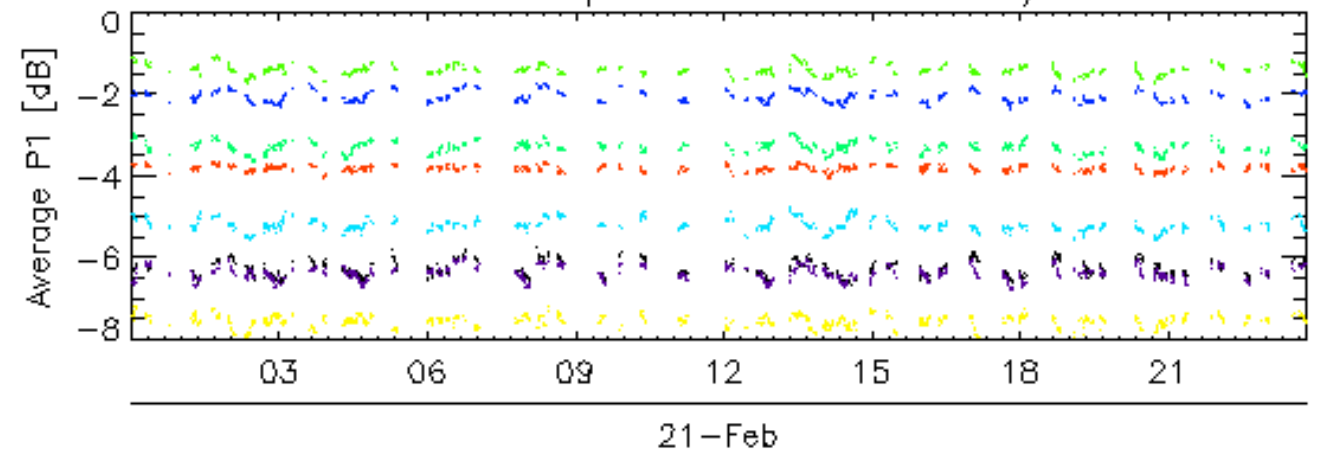
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Calibration pulses for GM1 SS3 H/H



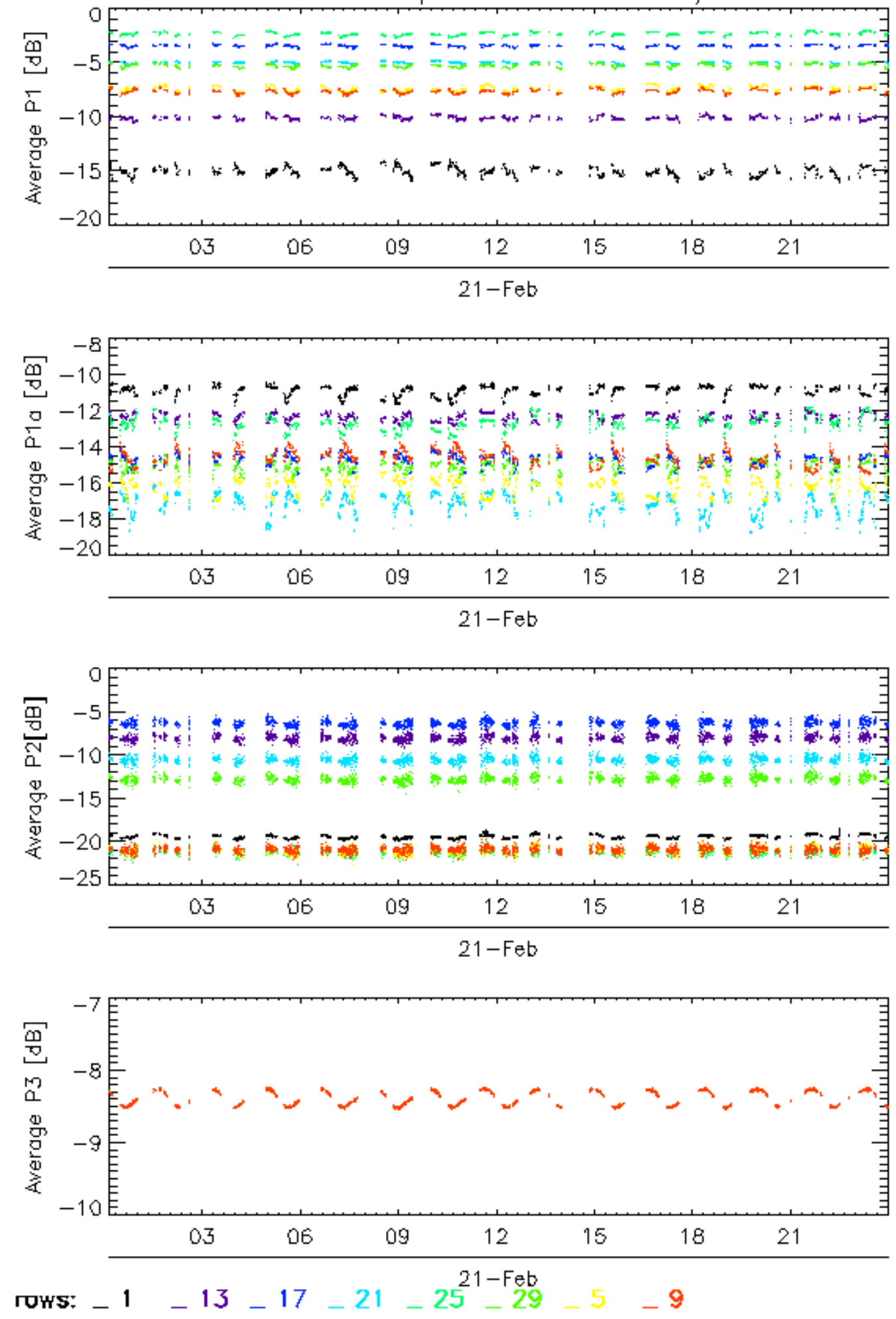


### Calibration pulses for GM1 SS3 H/H

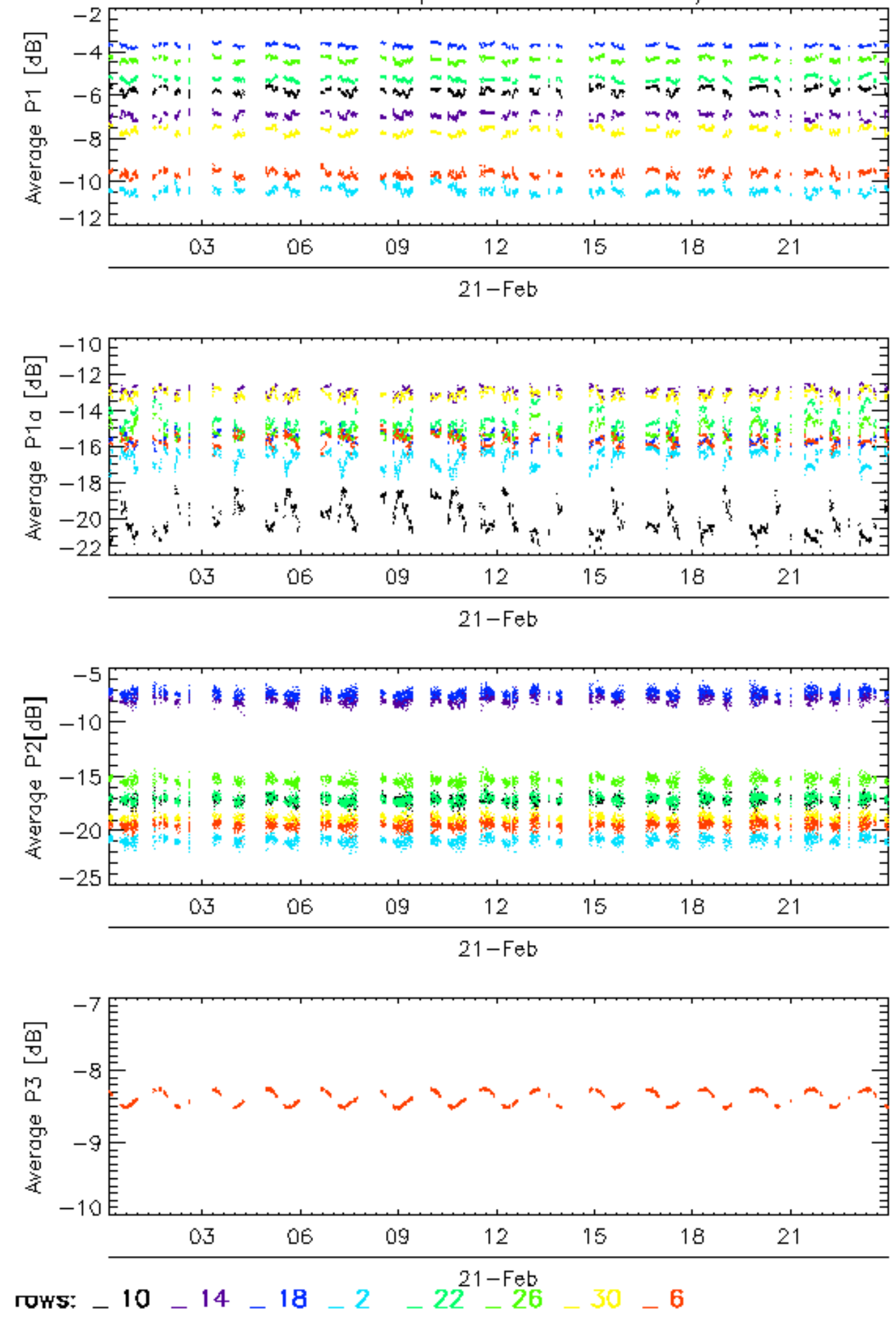


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### Calibration pulses for WVS IS2 V/V

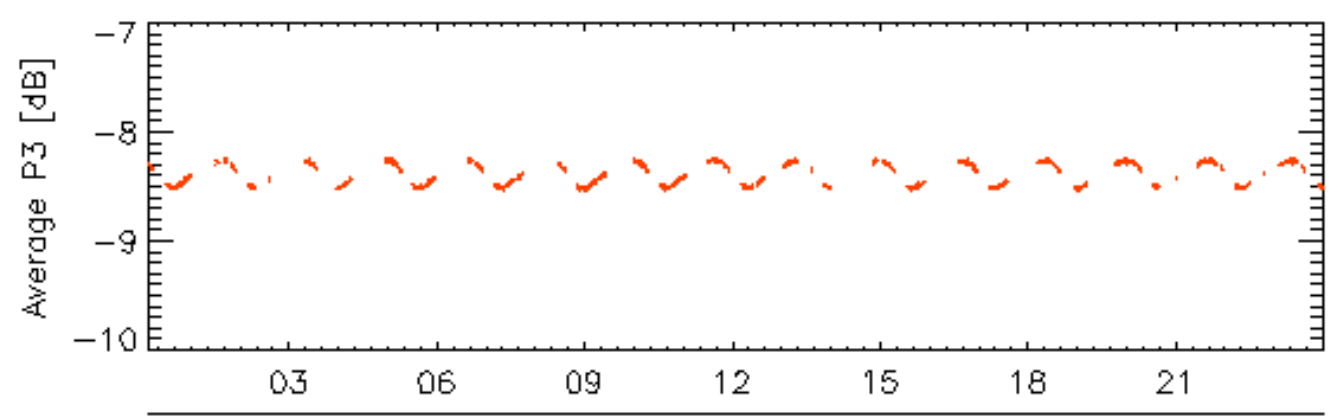
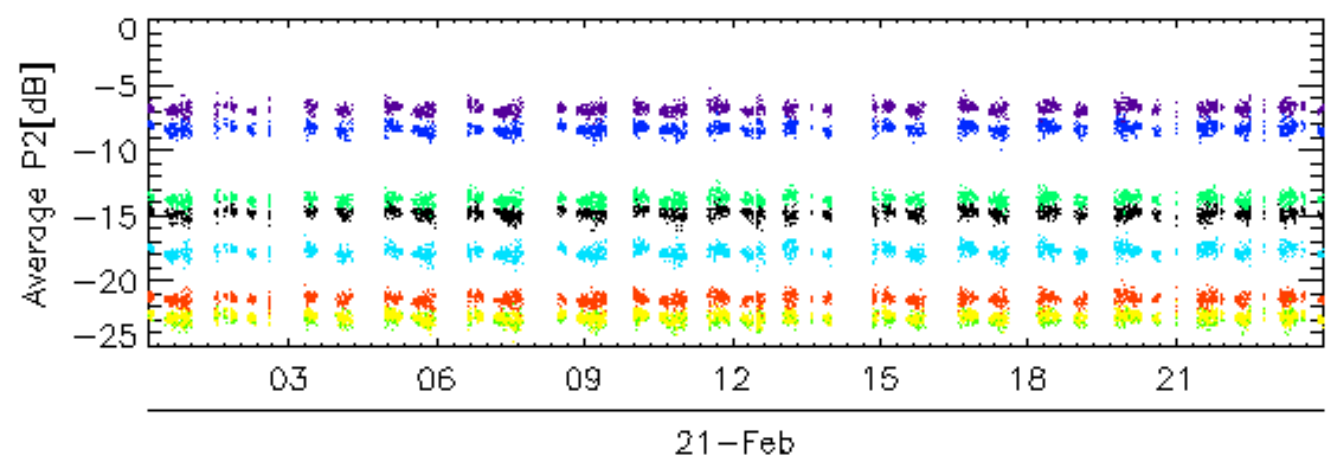
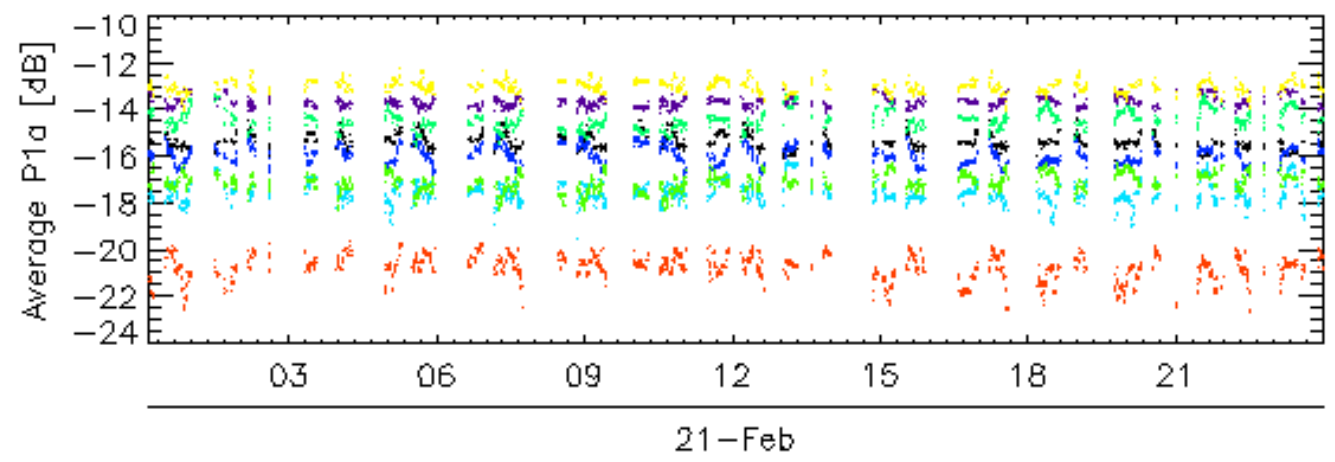
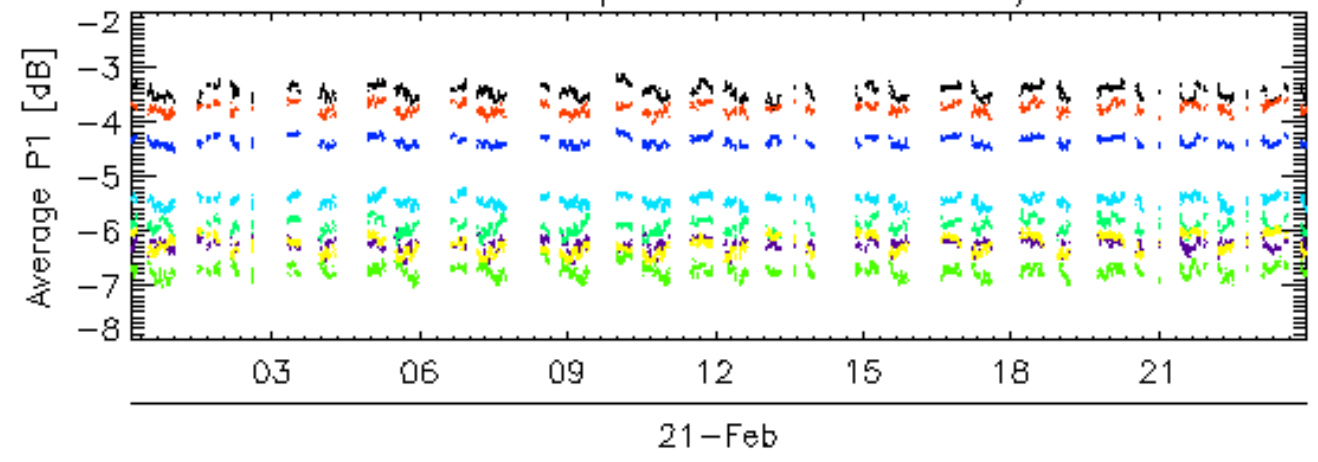


Calibration pulses for WVS IS2 V/V



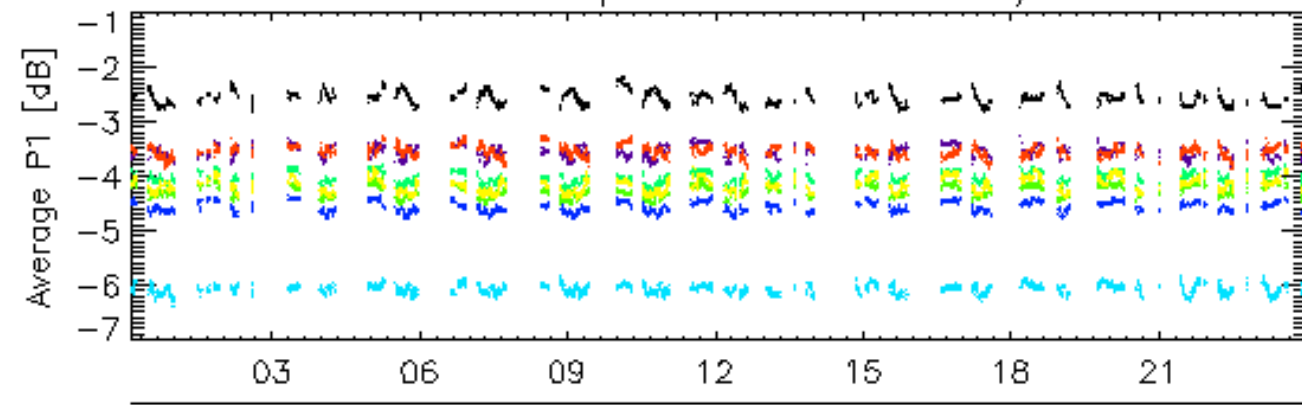


Calibration pulses for WVS IS2 V/V

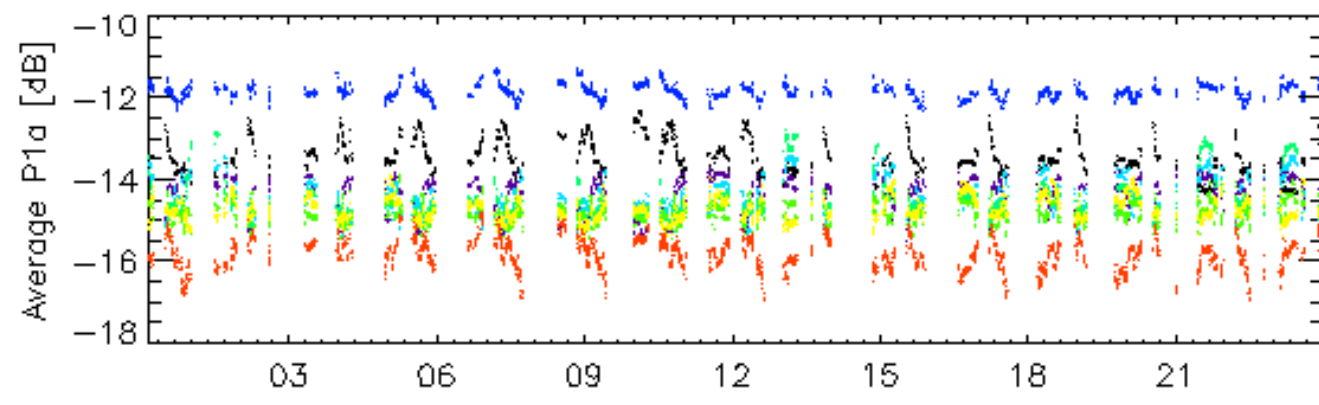


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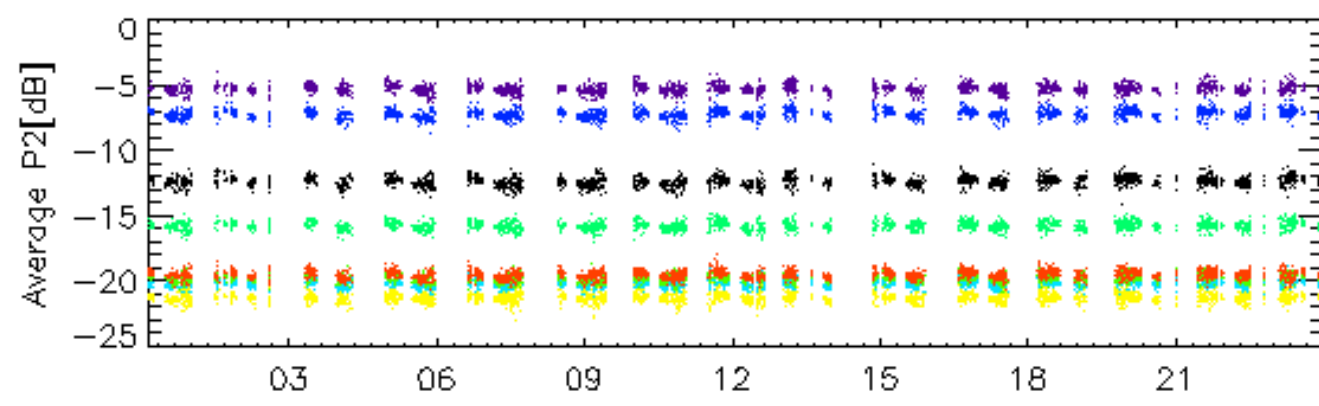
Calibration pulses for WVS IS2 V/V



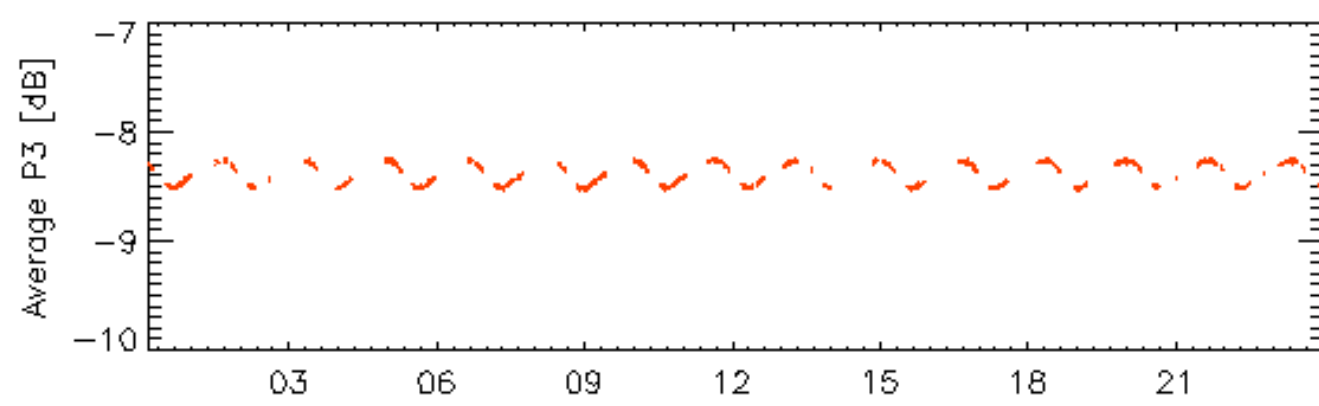
21-Feb



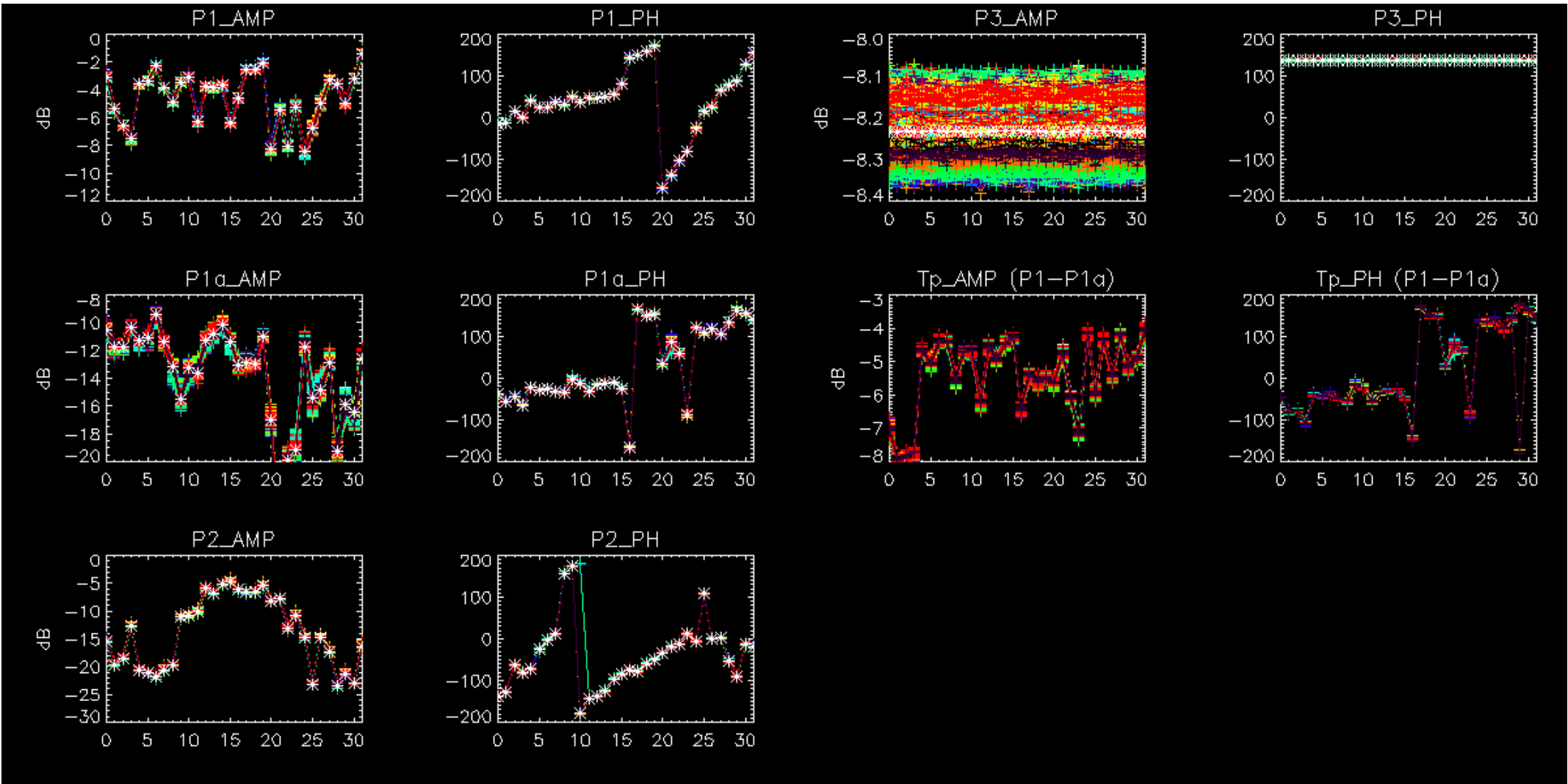
21-Feb



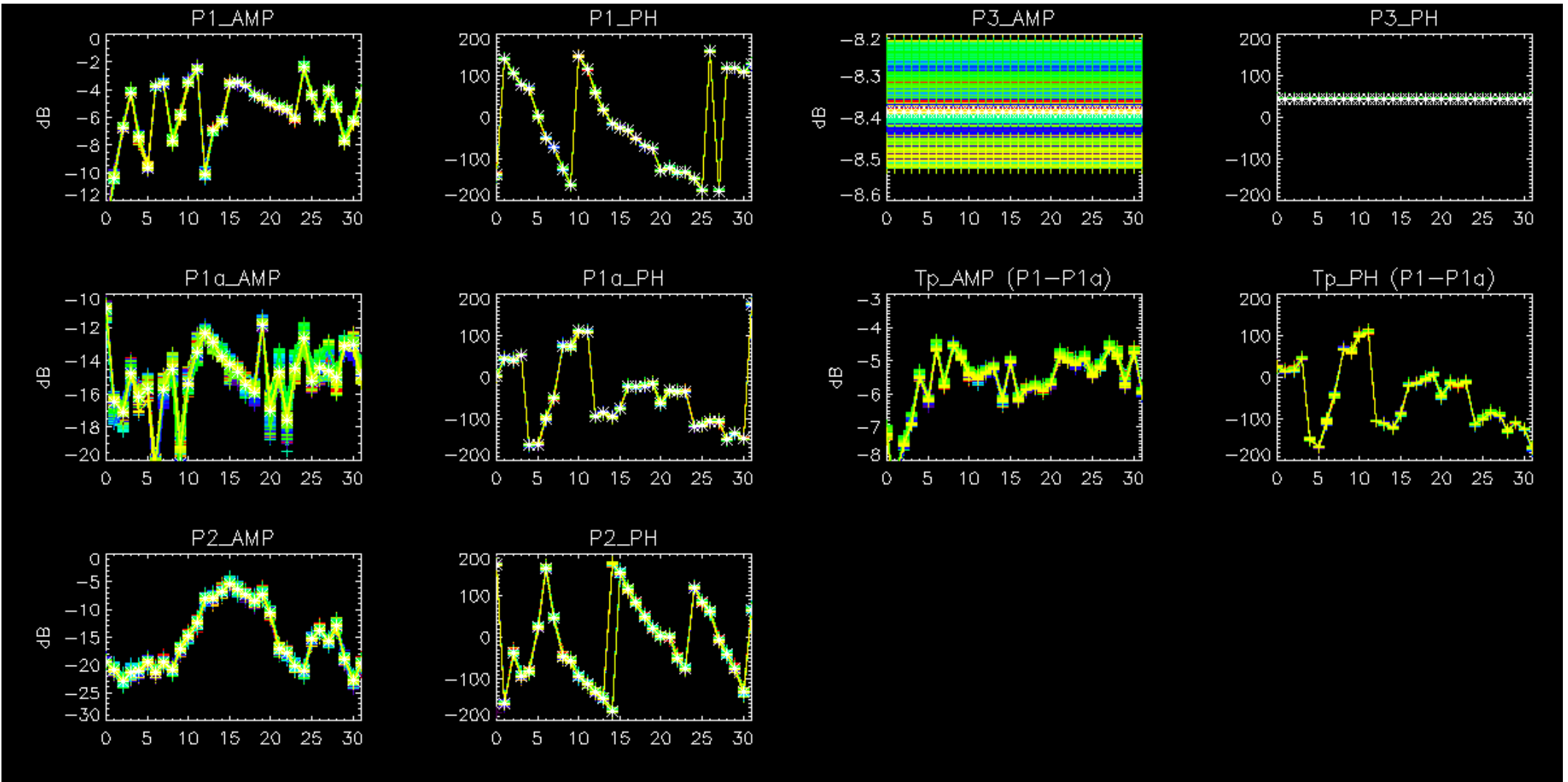
21-Feb

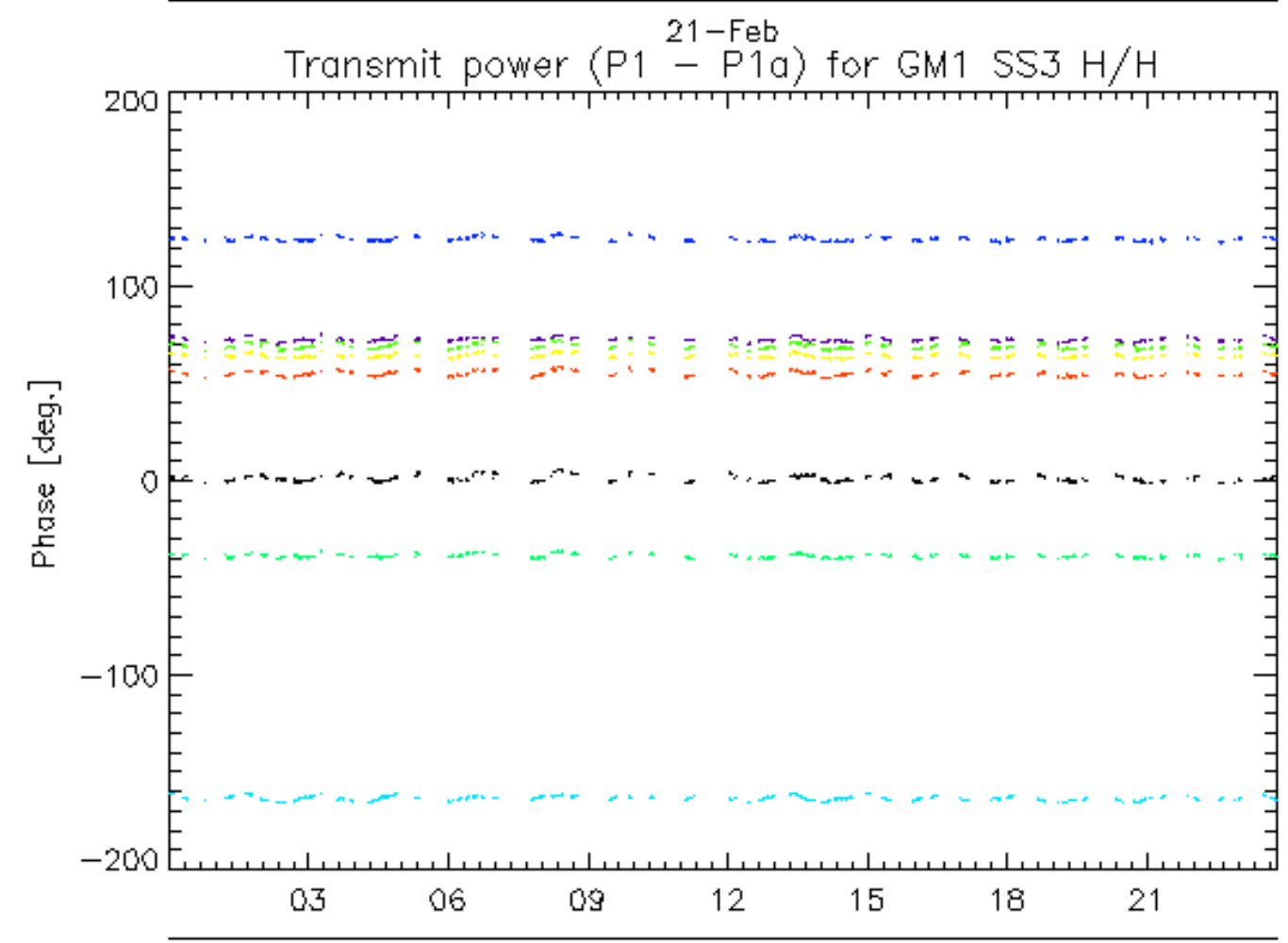
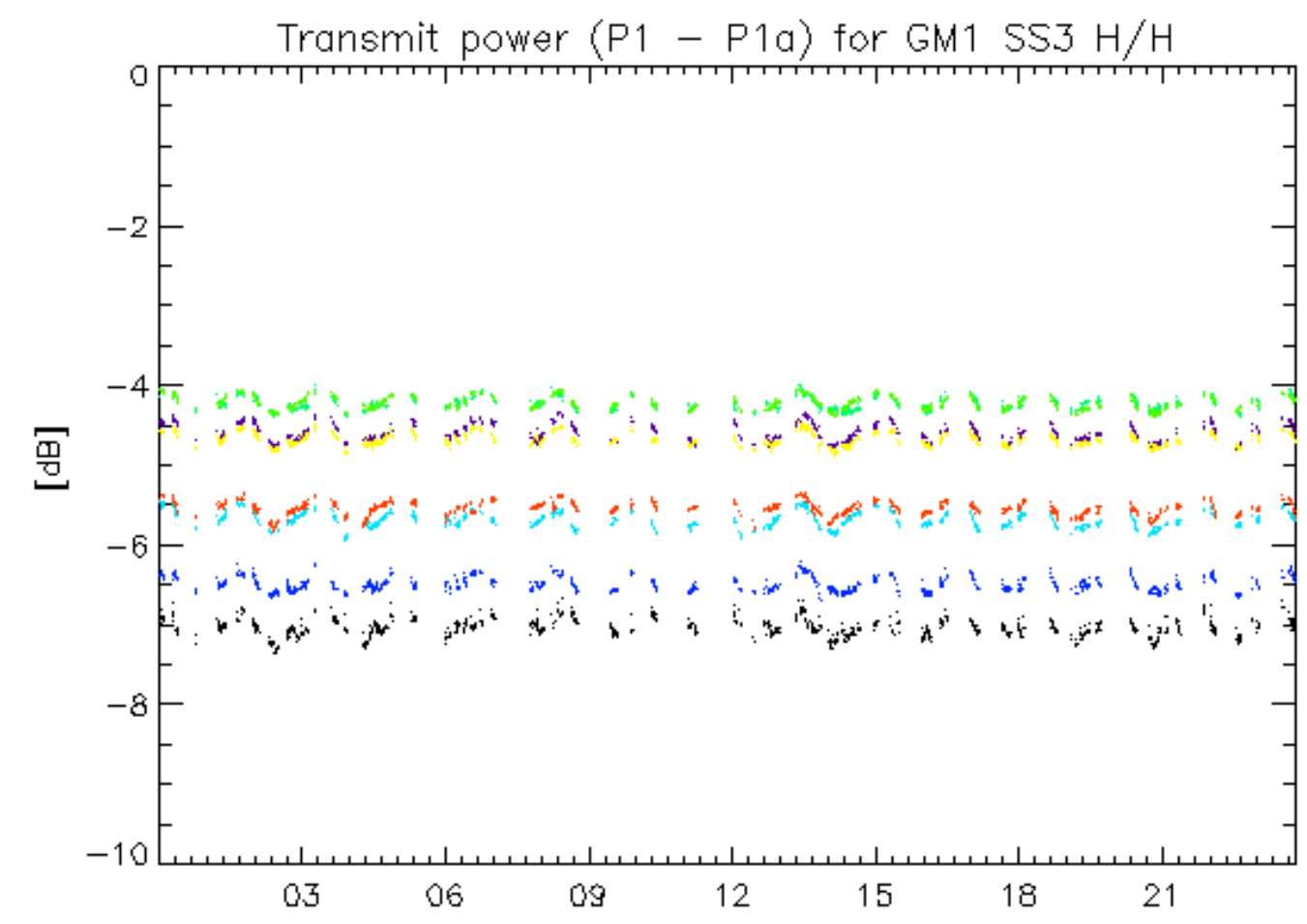


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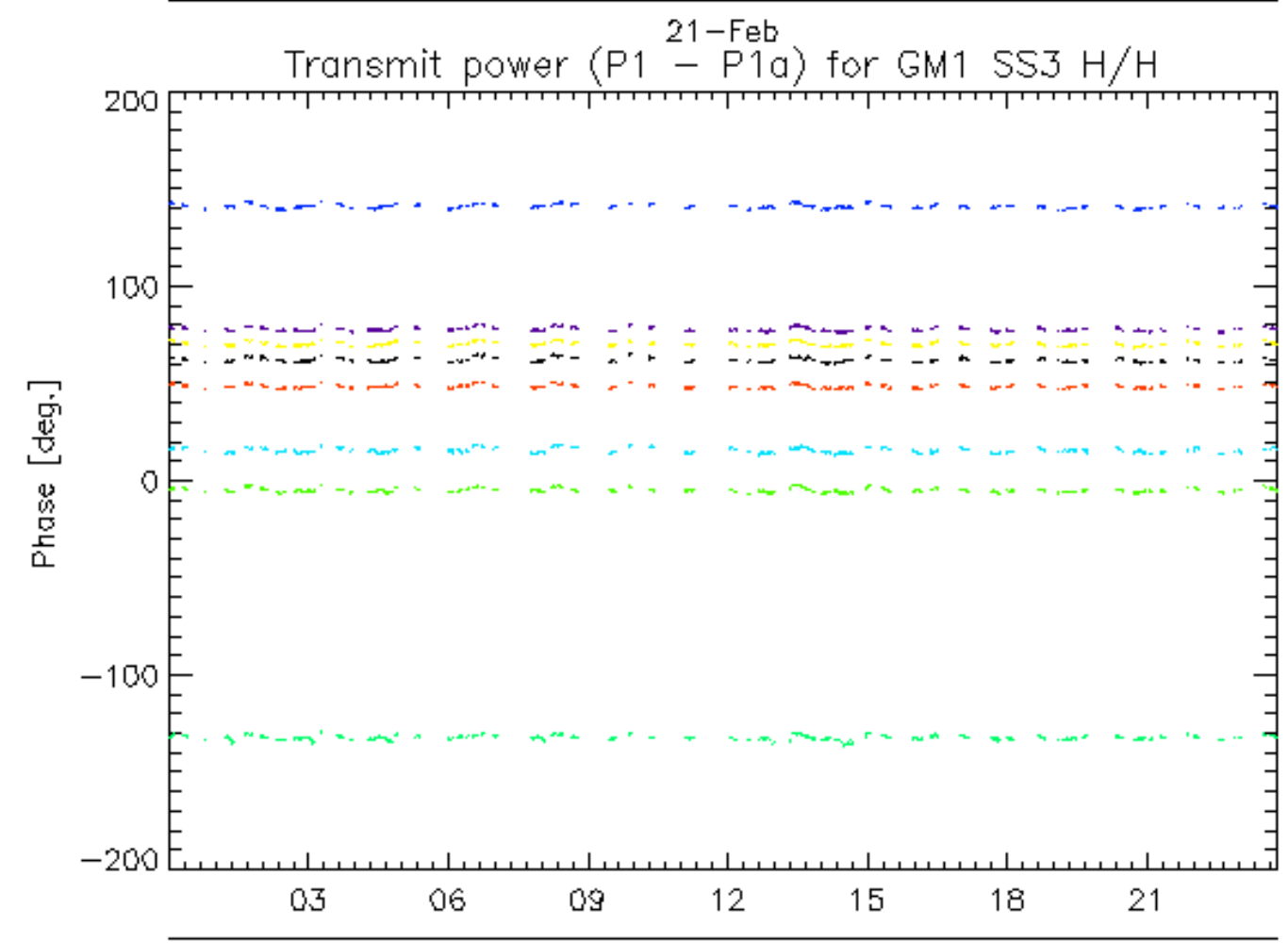
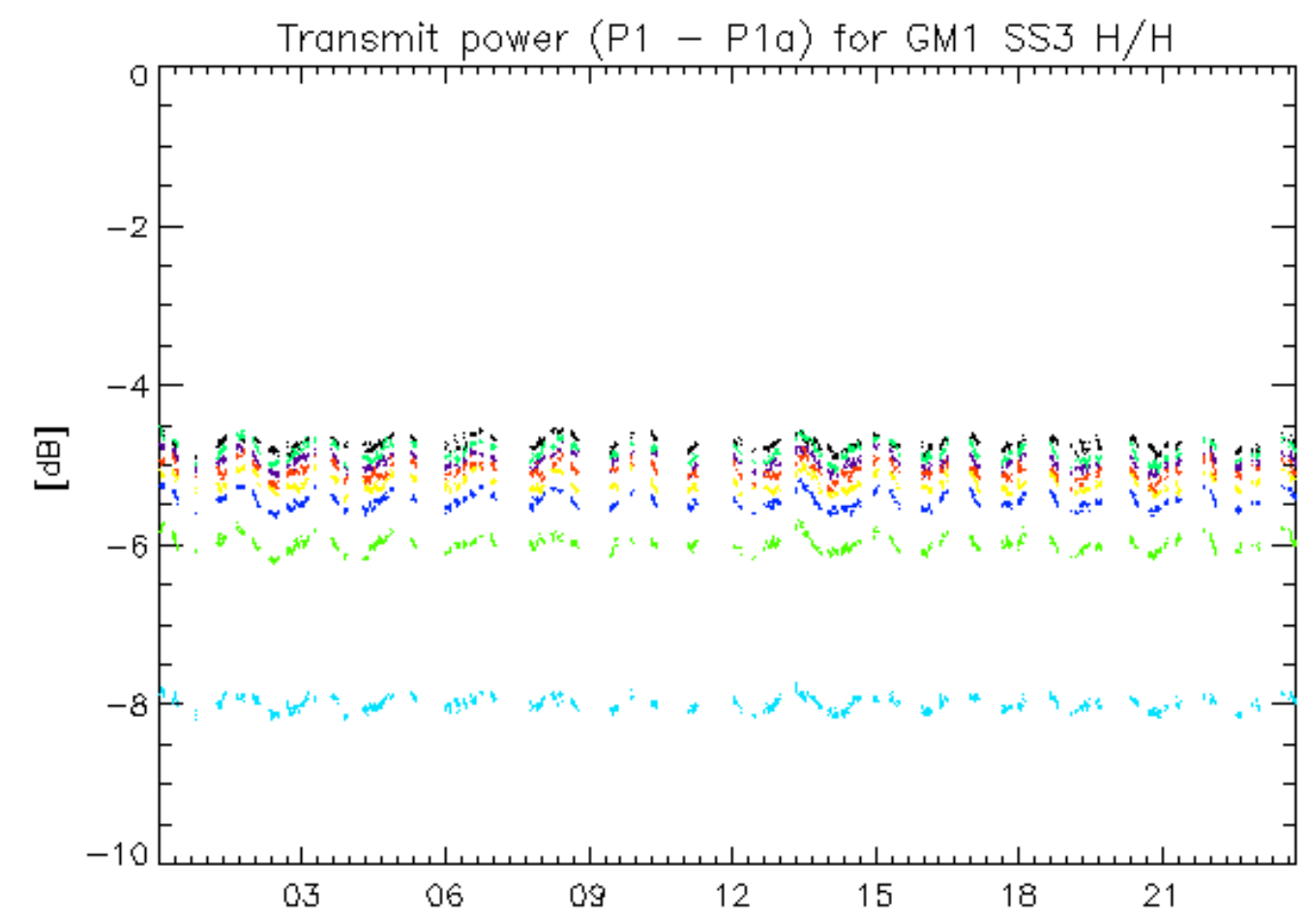






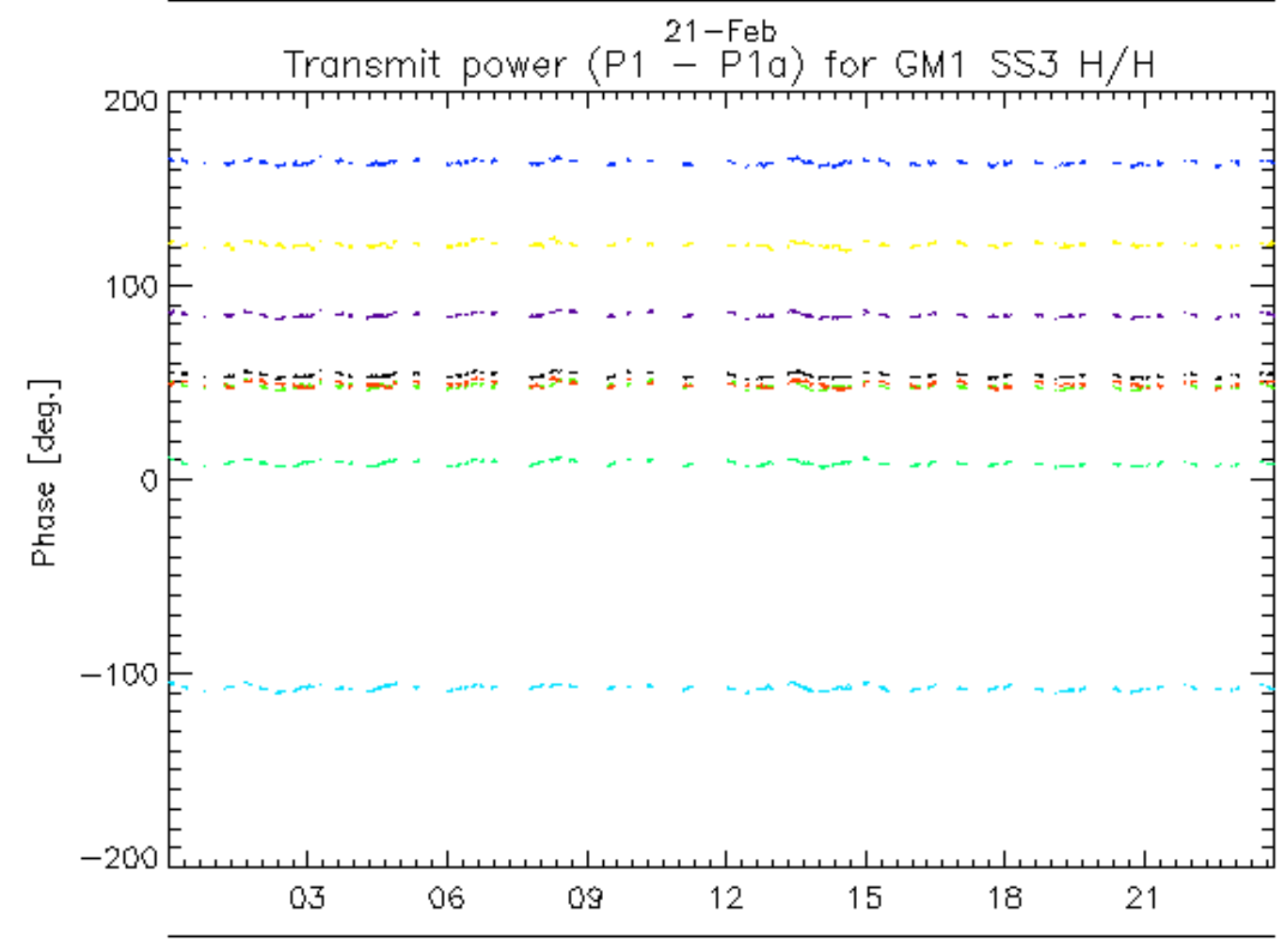
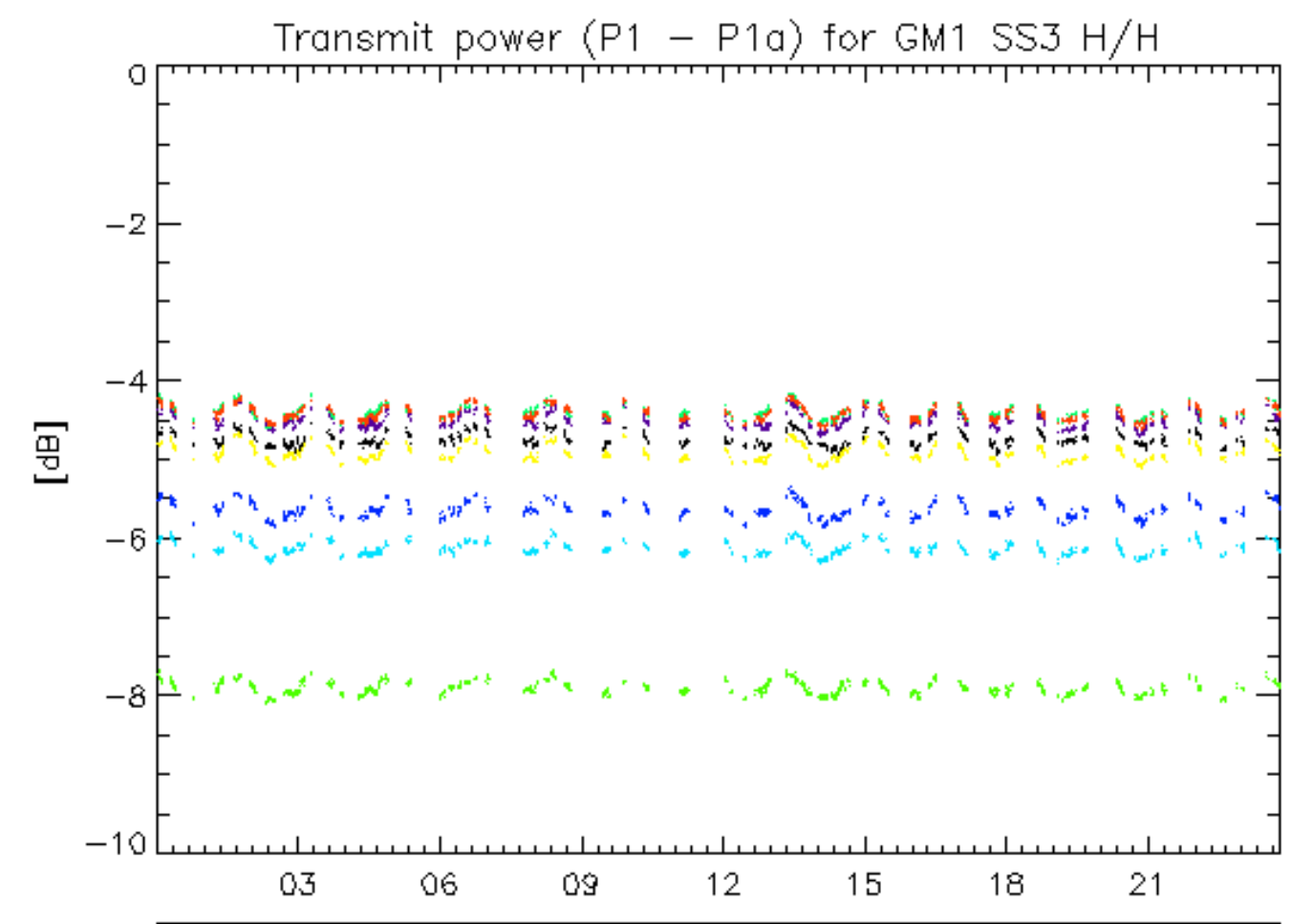


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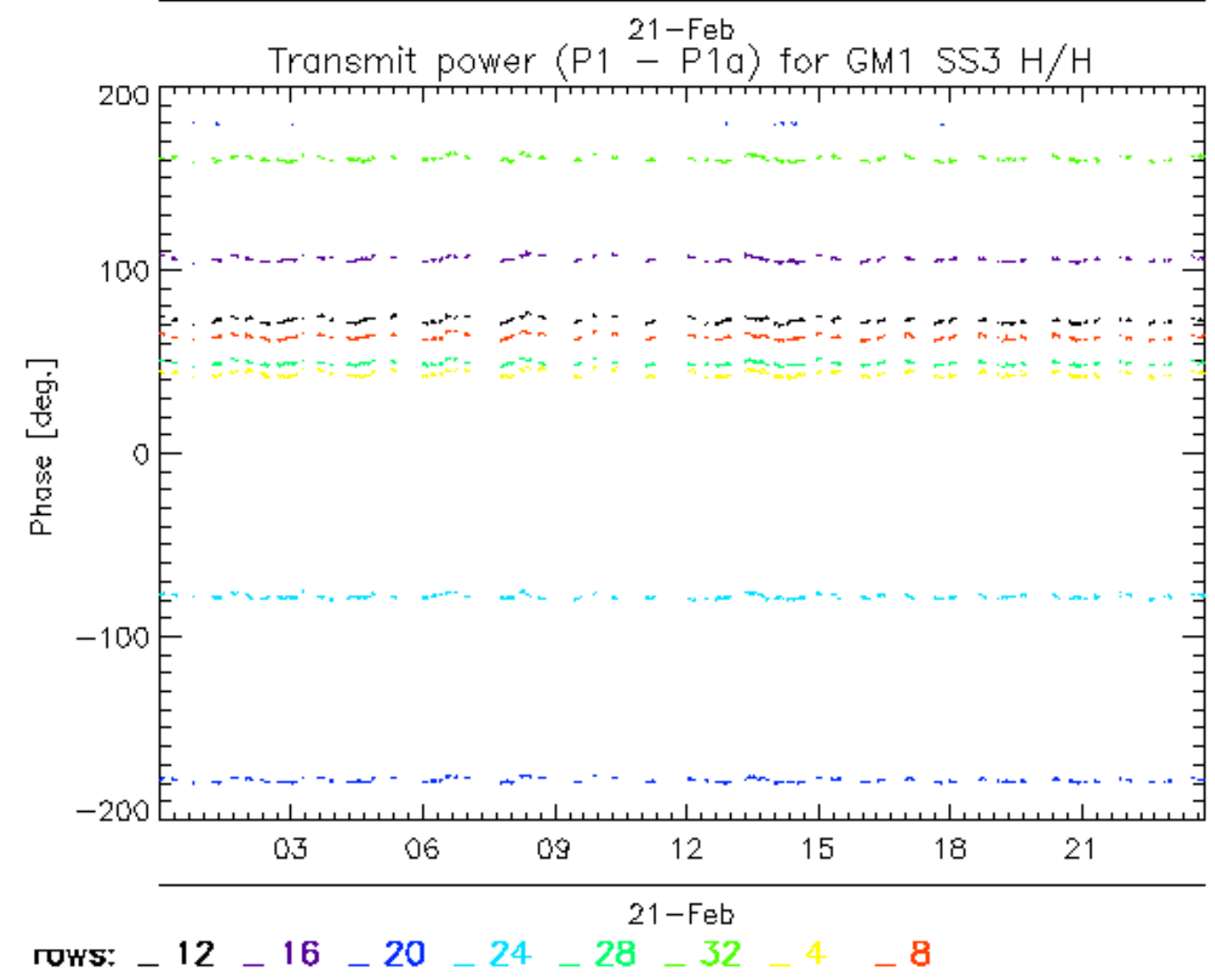
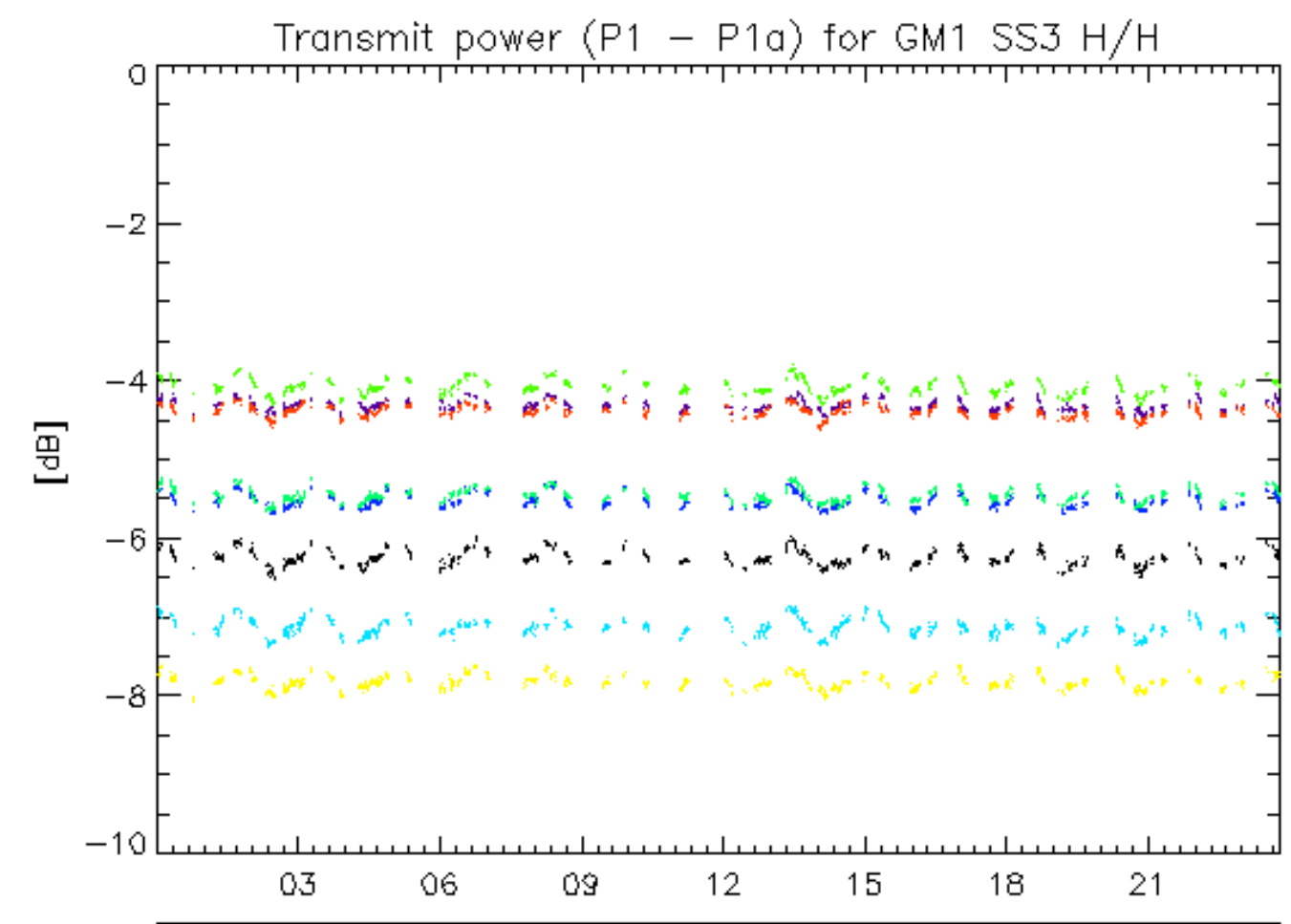


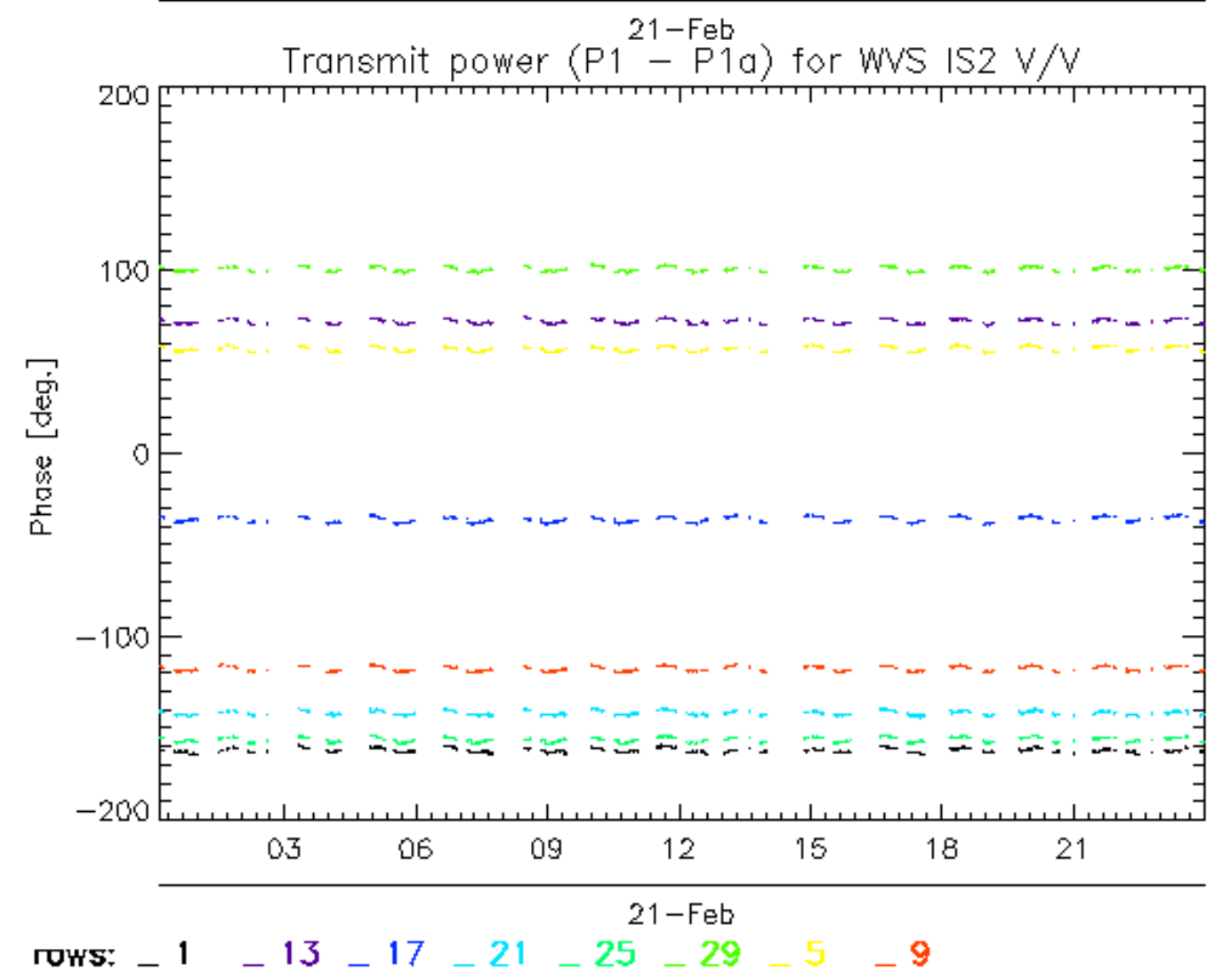
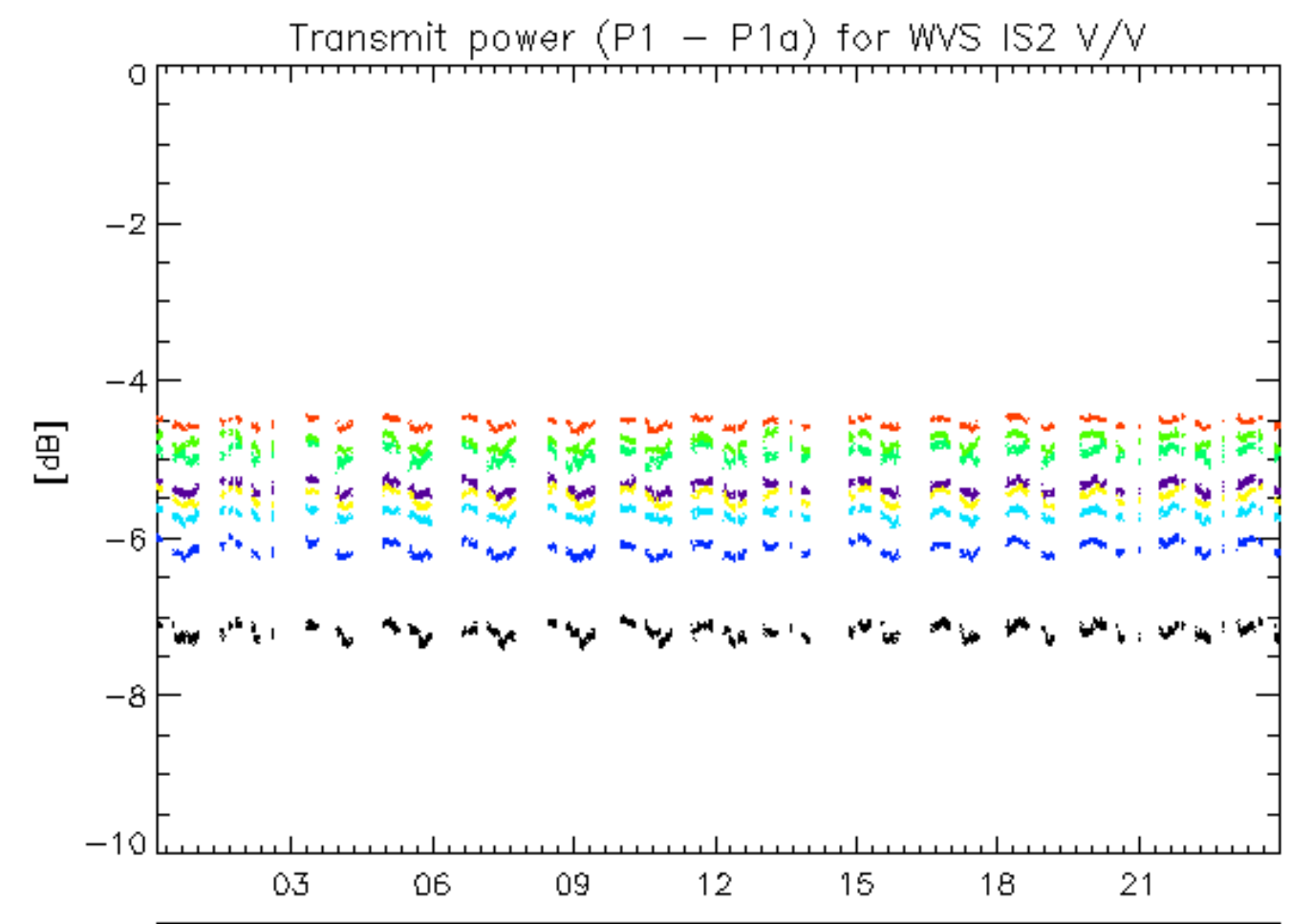
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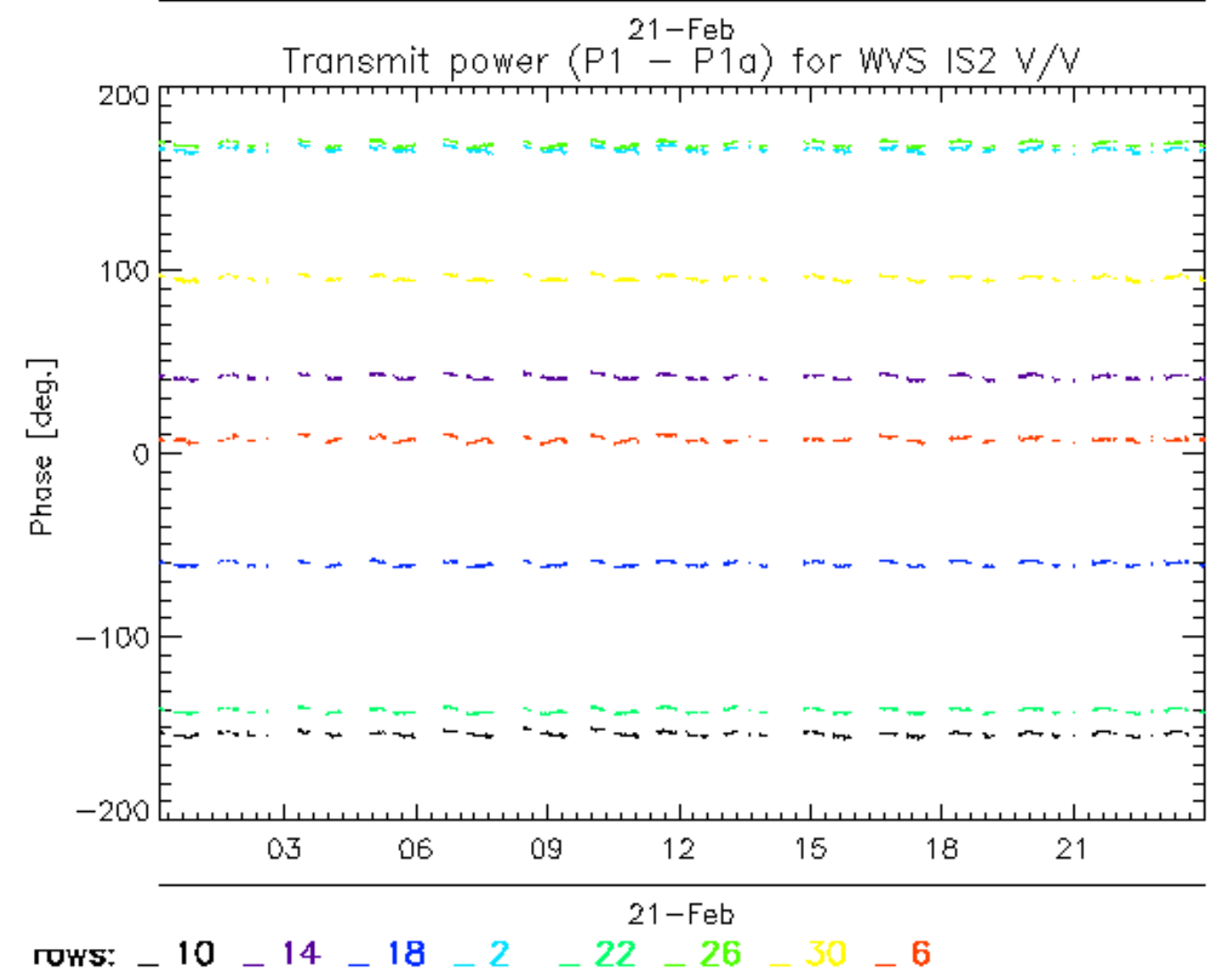
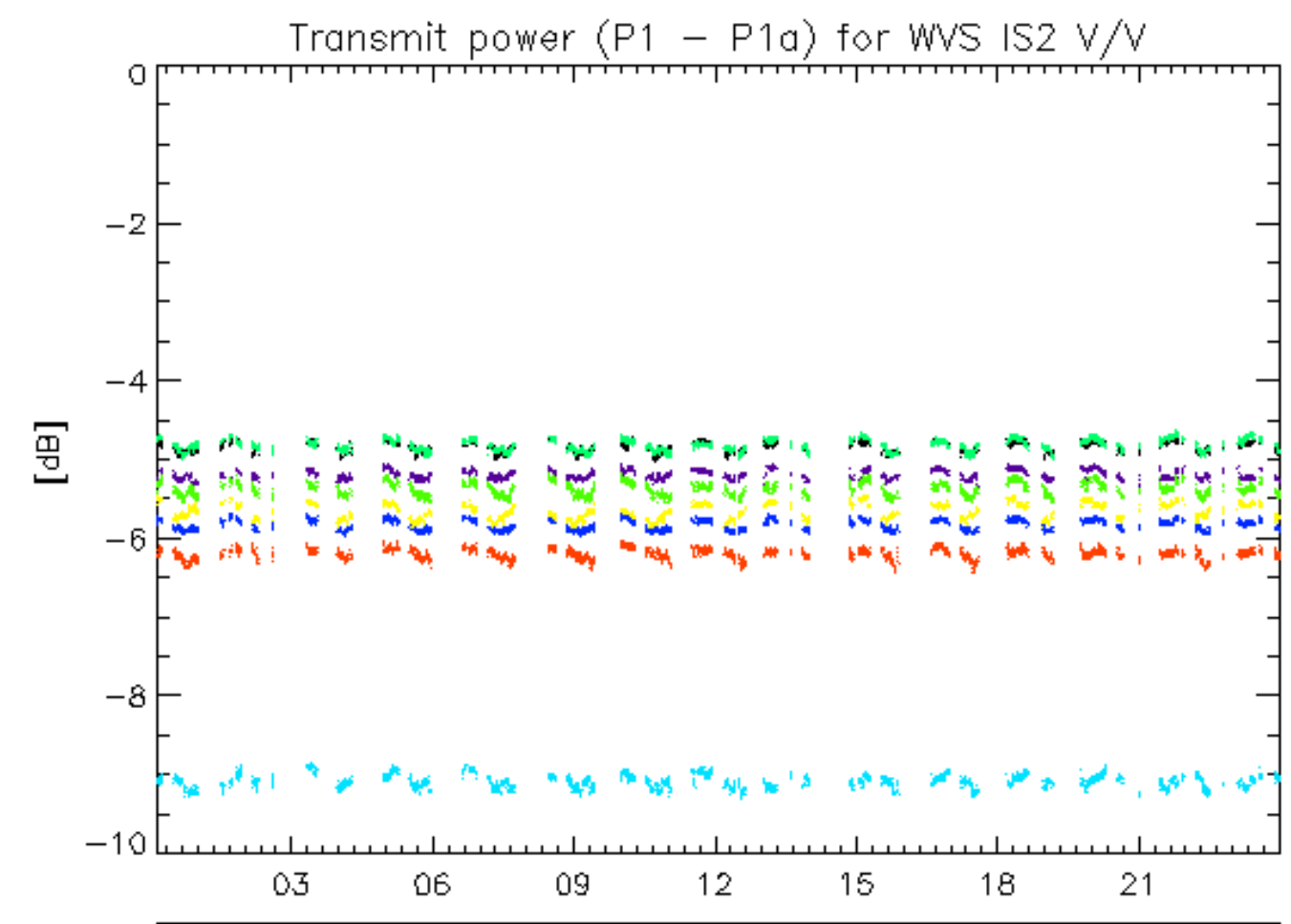


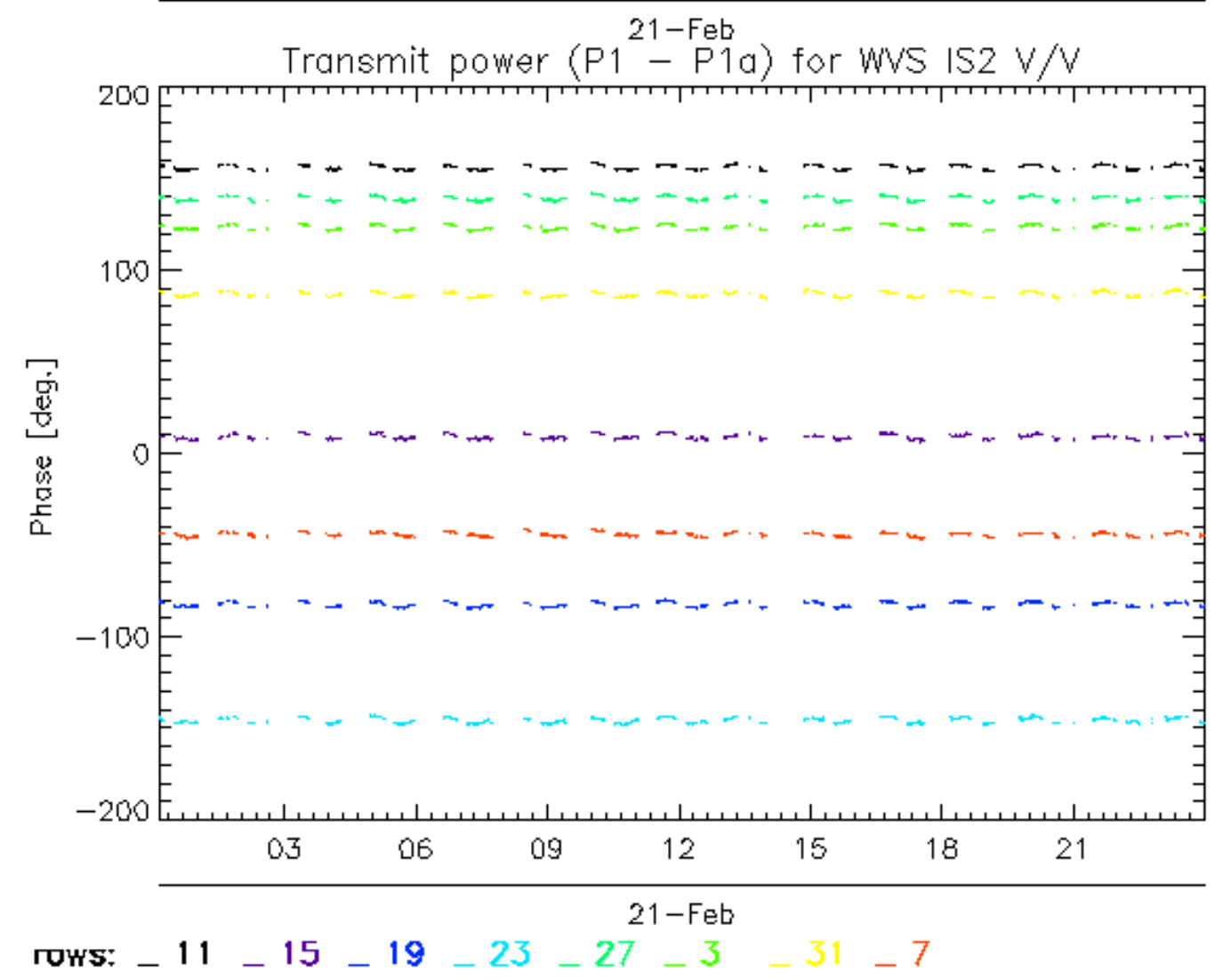
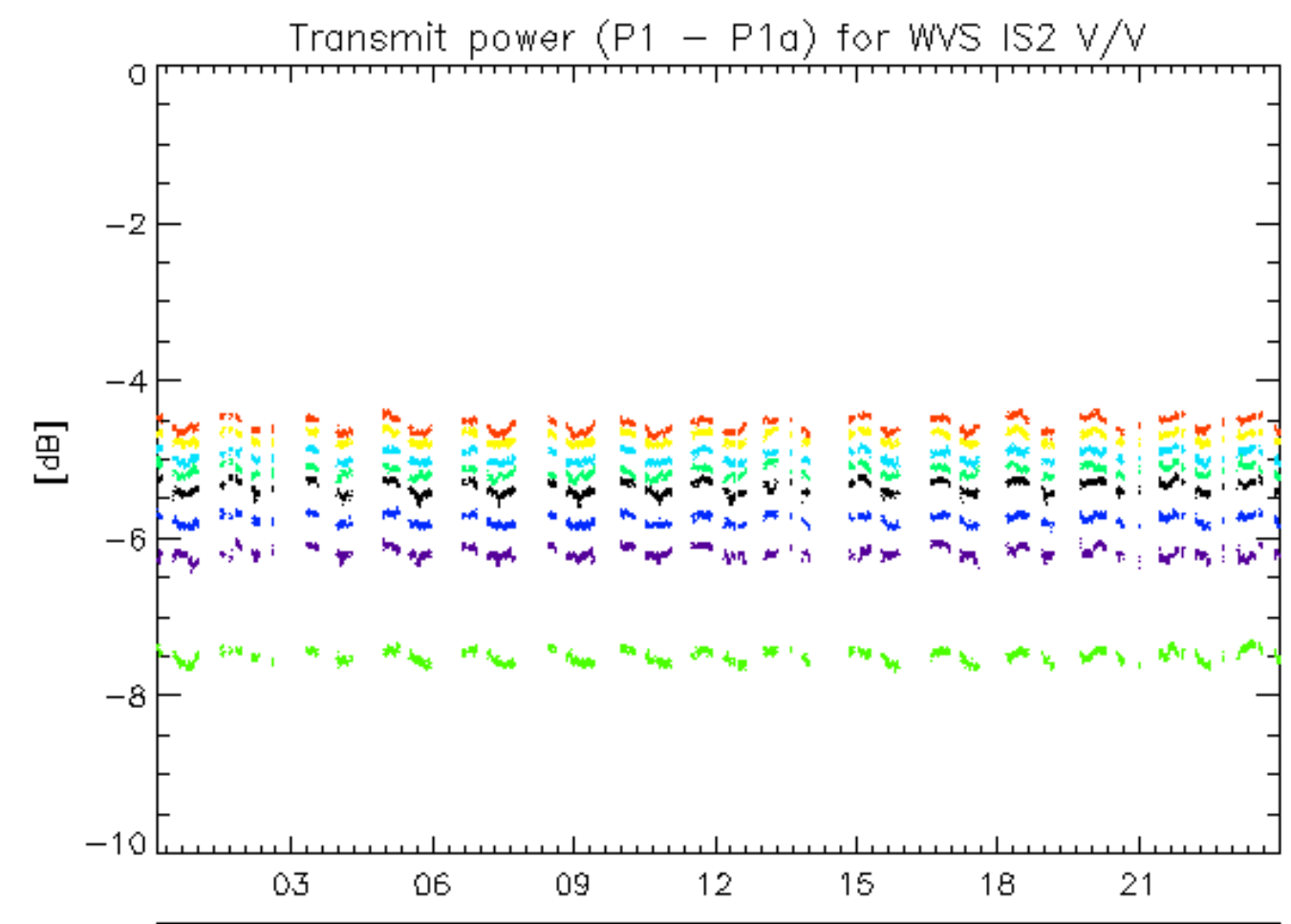
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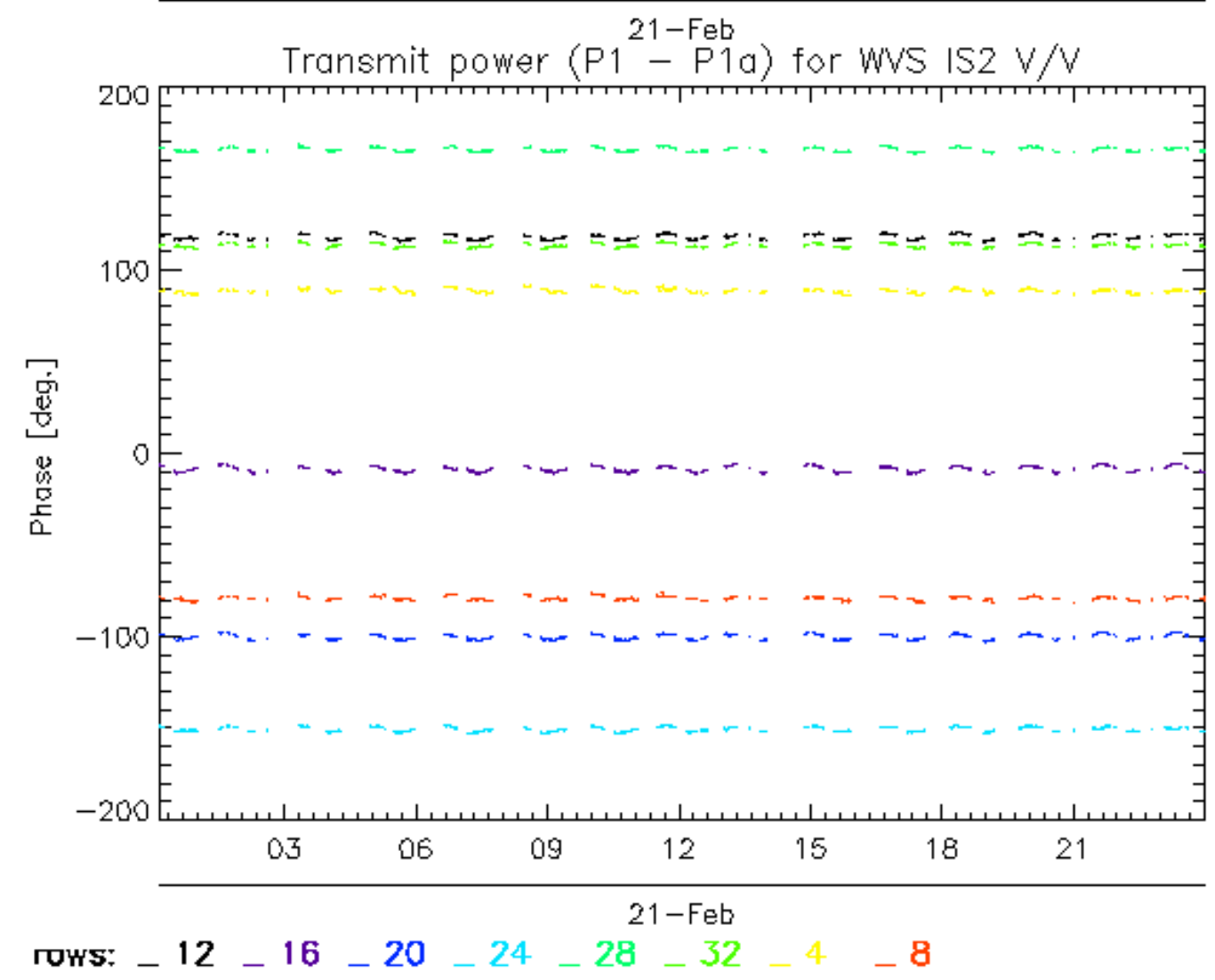
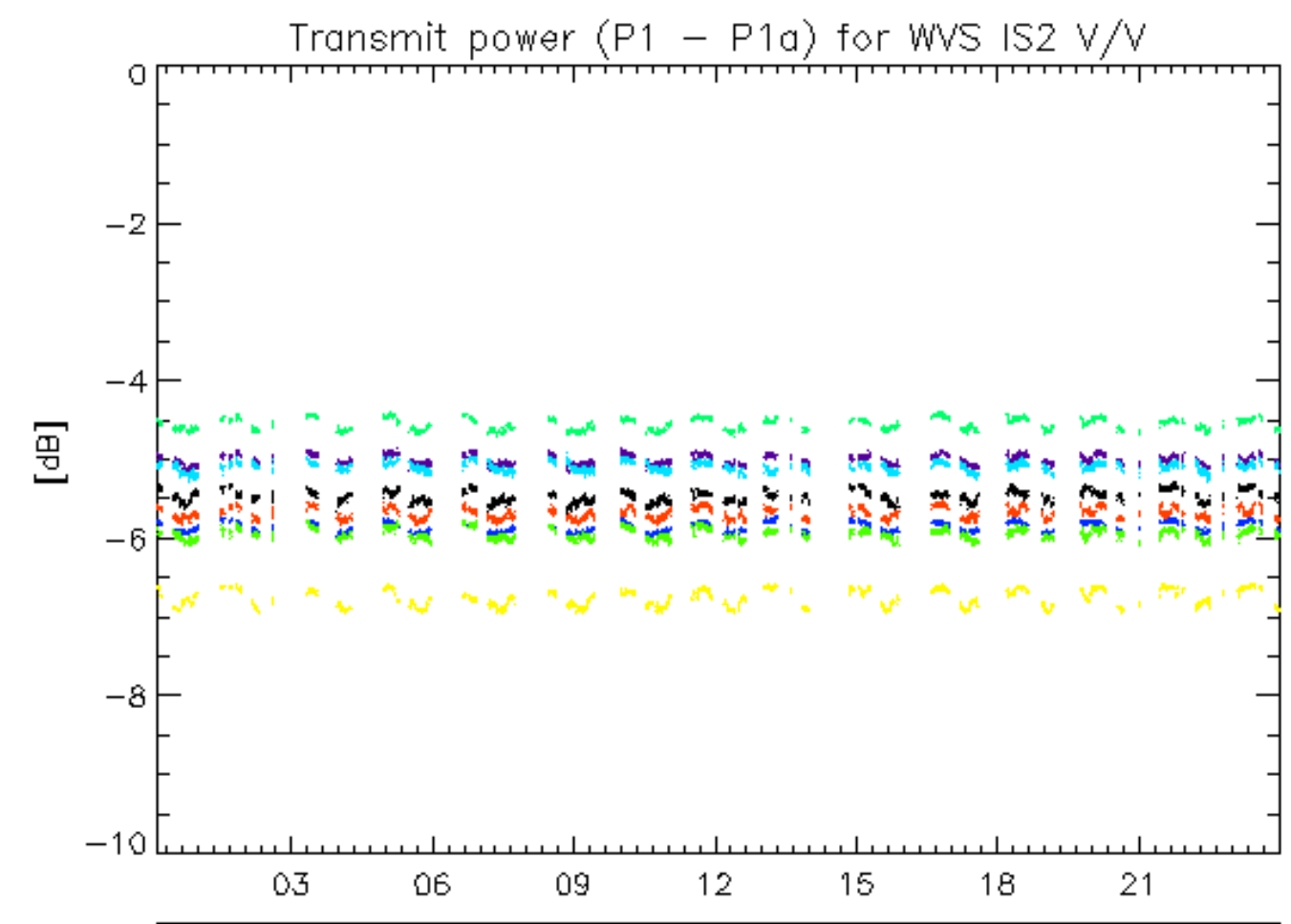


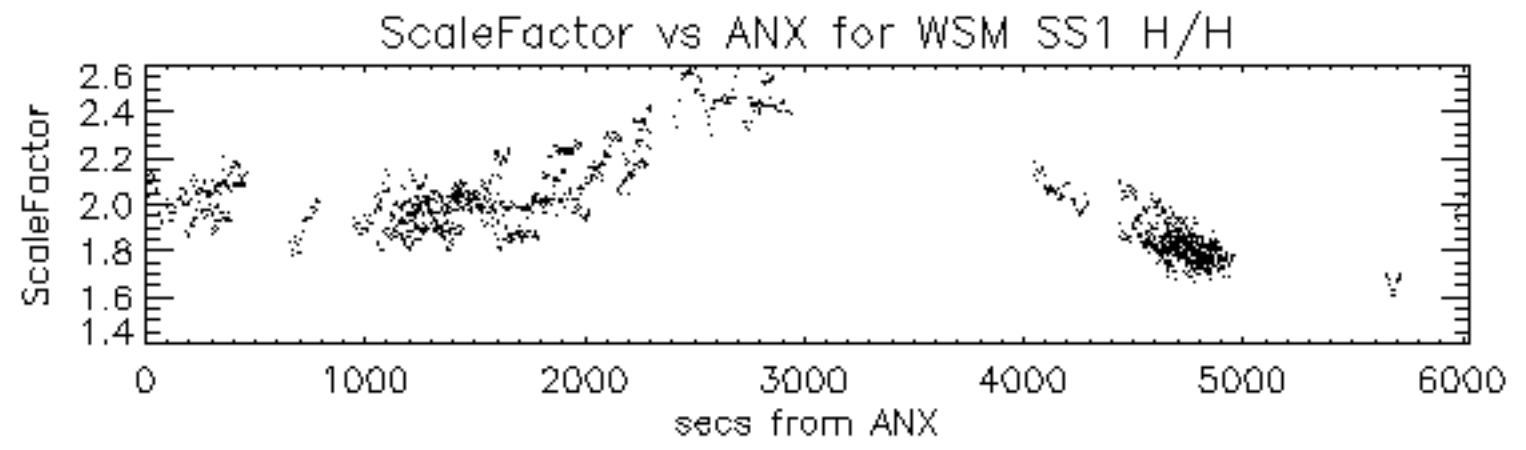




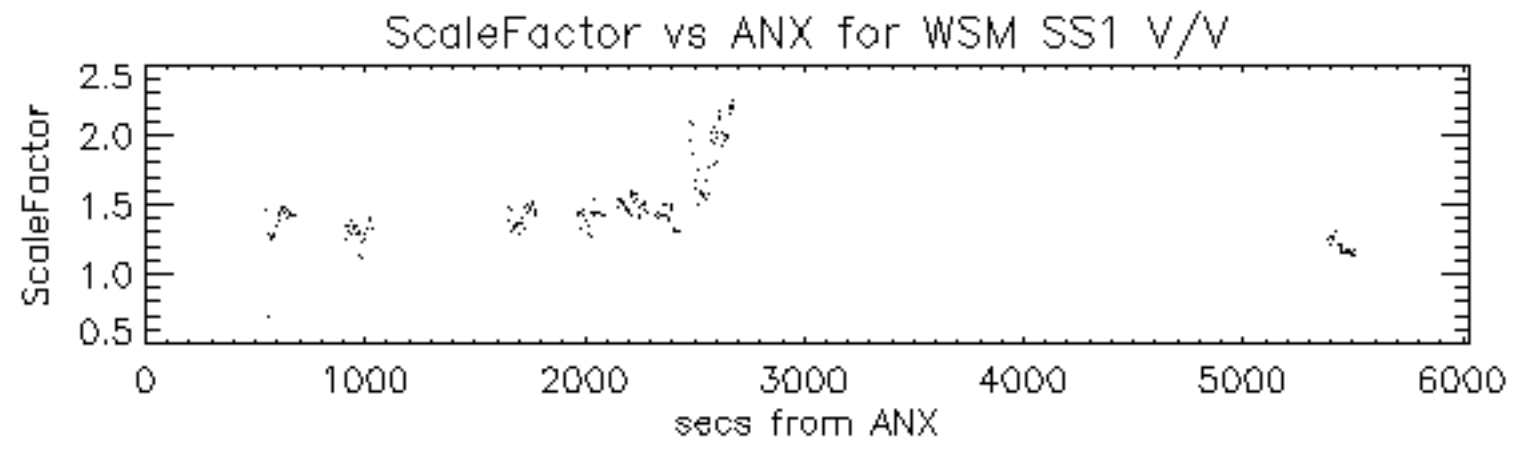


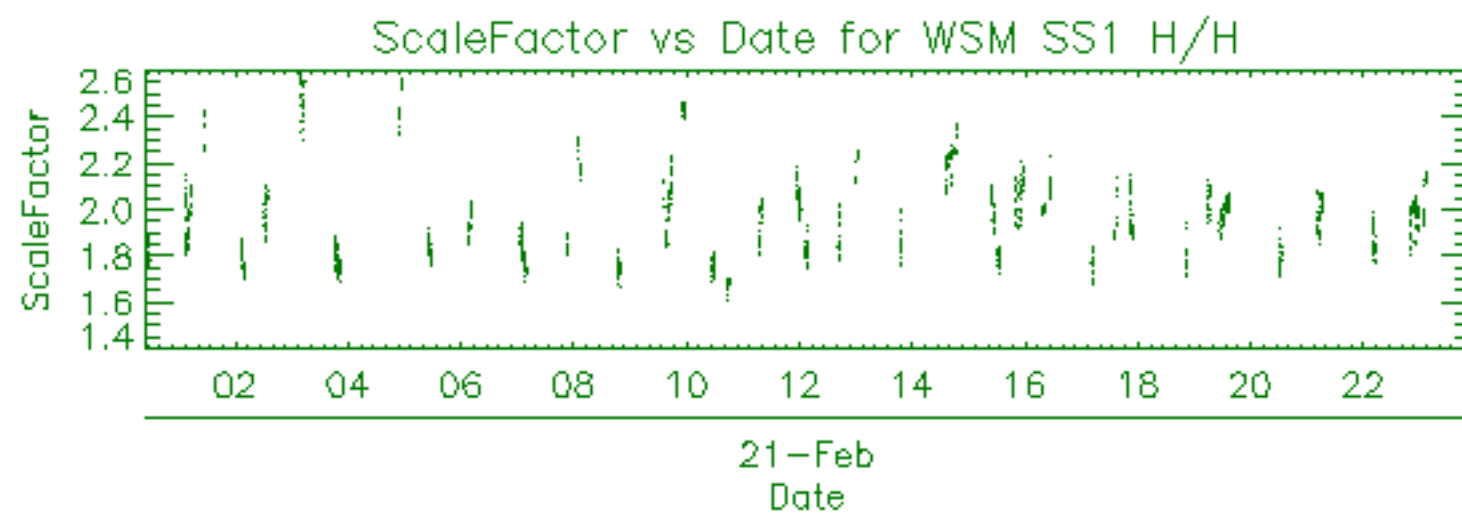


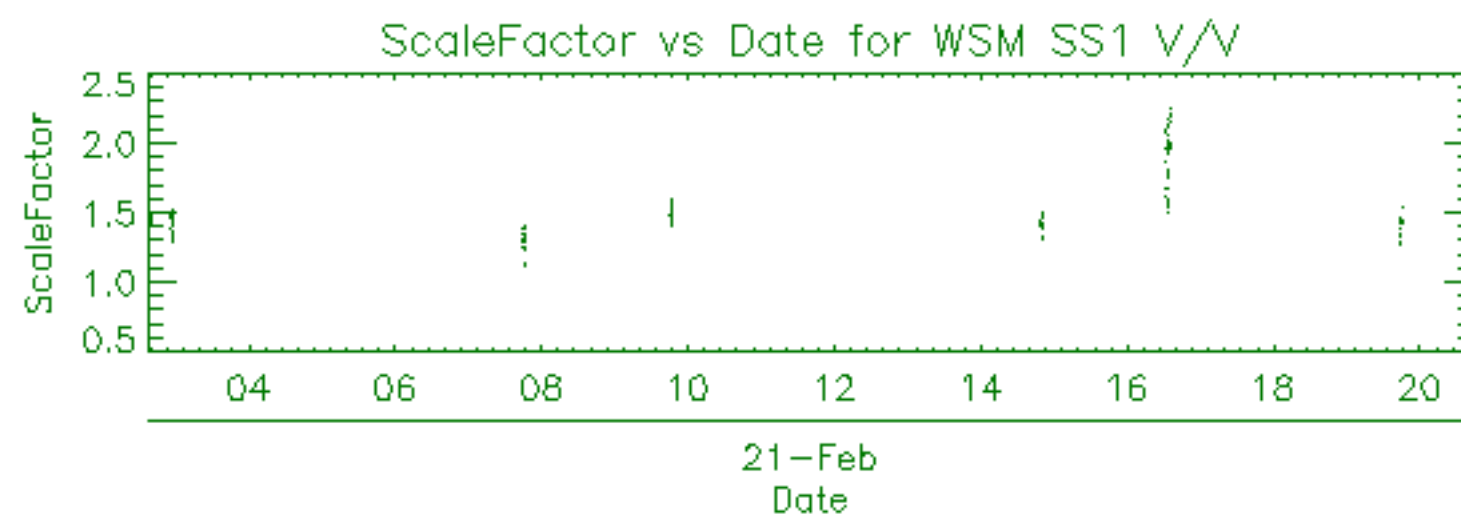












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ASA_APM_1PNPDE20120221_031418_000000573112_00018_52187_3737.N1						IS2	H/H	112	52187	18	5.04
ASA_APM_1PNPDE20120221_031737_000001183112_00018_52187_3738.N1						IS1	V/V	112	52187	18	5.04
ASA_APM_1PNPDE20120221_041227_000001033112_00019_52188_3780.N1						IS1	V/V	112	52188	19	5.04
ASA_APM_1PNPDE20120221_042240_000000413112_00019_52188_3777.N1						IS4	H/H	112	52188	19	5.04
ASA_APM_1PNPDK20120221_132225_000000953112_00024_52193_9376.N1						IS1	V/V	112	52193	24	5.04
ASA_APM_1PNPDK20120221_141321_000000703112_00025_52194_9378.N1						IS4	H/H	112	52194	25	5.04
ASA_APM_1PNPDE20120221_180442_000000433112_00027_52196_4028.N1						IS7	H/H	112	52196	27	5.04
ASA_APM_1PNPDK20120221_210501_000000423112_00029_52198_9500.N1						IS4	H/H	112	52198	29	5.04
ASA_APM_1PNPDE20120221_214557_000000413112_00029_52198_4063.N1						IS5	H/H	112	52198	29	5.04
ASA_APM_1PNPDE20120221_233244_000000713112_00030_52199_4085.N1						IS1	V/H	112	52199	30	5.04



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20120221_031537_000001143112_00018_52187_3752.N1						SS1	H/H	112	52187	18	5.04
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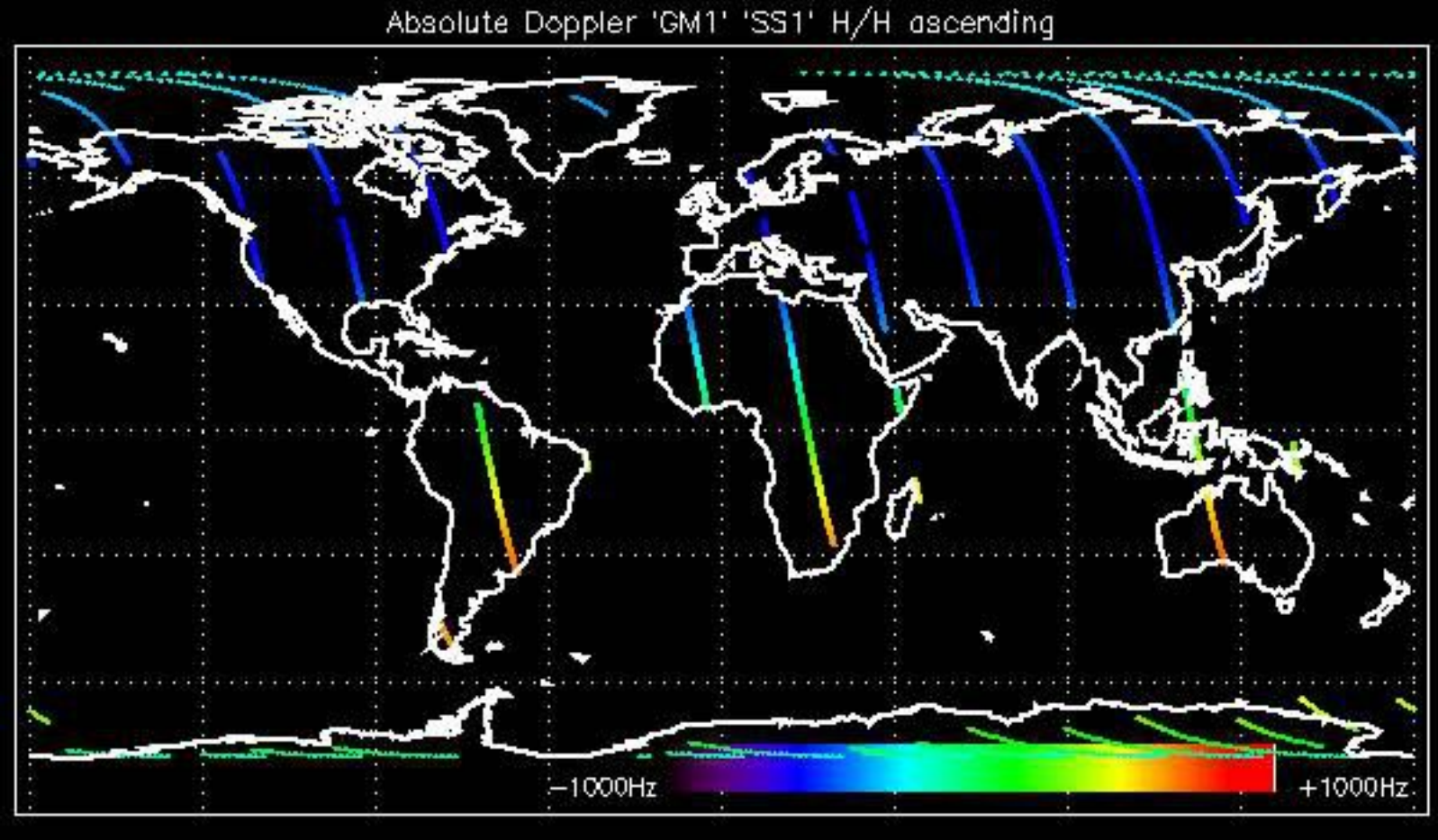
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ASA_IMM_1PNPDE20120221_044725_000001643112_00019_52188_3785.N1						IS6	H/H	112	52188	19	5.04
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Filename	Pol	Timestamp	count(Module)
ASA_MS__0PNPDE20120221_001511_000000163112_00016_52185_0474.N1	V	2012-02-21 00:15:11	320
ASA_MS__0PNPDE20120221_215812_000000163112_00029_52198_0475.N1	H	2012-02-21 21:58:12	320
ASA_MS__0PNPDE20120221_233826_000000163112_00030_52199_0476.N1	V	2012-02-21 23:38:26	320

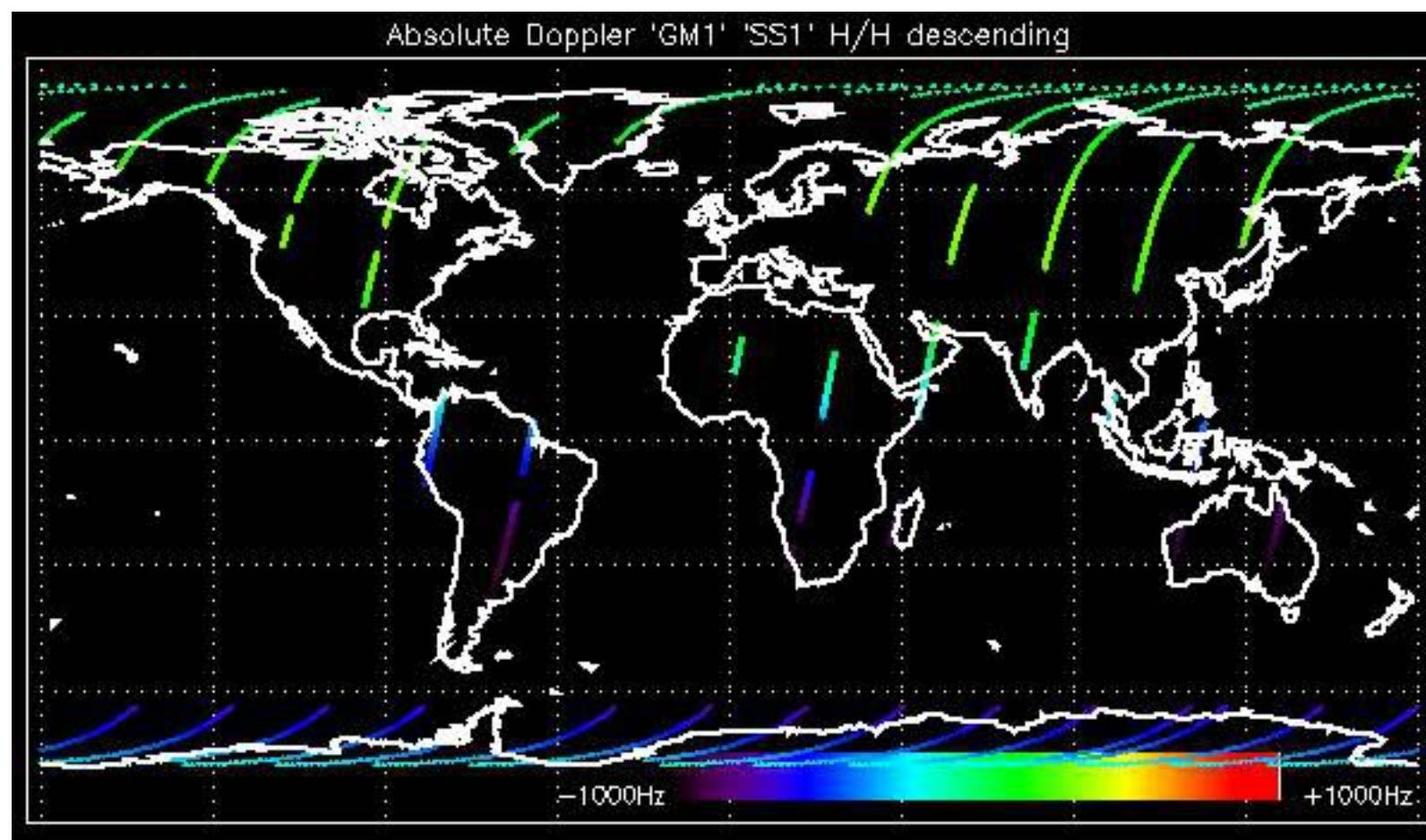


Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20120221_010549_000004343112_00017_52186_3703.N1						SS1	H/H	112	52186	17	5.04
ASA_WSM_1PNPDE20120221_012532_000000923112_00017_52186_3702.N1						SS1	H/H	112	52186	17	5.04
ASA_WSM_1PNPDE20120221_020609_000002143112_00017_52186_3708.N1						SS1	H/H	112	52186	17	5.04
ASA_WSM_1PNPDE20120221_023006_000002513112_00018_52187_3742.N1						SS1	H/H	112	52187	18	5.04
ASA_WSM_1PNPDK20120221_023743_000001533112_00018_52187_9169.N1						SS1	V/V	112	52187	18	5.04
ASA_WSM_1PNPDE20120221_025601_000001533112_00018_52187_3743.N1						SS1	V/V	112	52187	18	5.04
ASA_WSM_1PNPDE20120221_030843_000003003112_00018_52187_3736.N1						SS1	H/H	112	52187	18	5.04
ASA_WSM_1PNPDE20120221_034456_000003923112_00018_52187_3776.N1						SS1	H/H	112	52187	18	5.04
ASA_WSM_1PNPDE20120221_045413_000001533112_00019_52188_3786.N1						SS1	H/H	112	52188	19	5.04
ASA_WSM_1PNPDE20120221_052404_000003303112_00019_52188_3829.N1						SS1	H/H	112	52188	19	5.04
ASA_WSM_1PNPDE20120221_060730_000002693112_00020_52189_3831.N1						SS1	H/H	112	52189	20	5.04
ASA_WSM_1PNPDK20120221_070252_000004103112_00020_52189_9220.N1						SS1	H/H	112	52189	20	5.04
ASA_WSM_1PNPDK20120221_074422_000001533112_00021_52190_9221.N1						SS1	V/V	112	52190	21	5.04
ASA_WSM_1PNPDK20120221_075204_000000923112_00021_52190_9222.N1						SS1	H/H	112	52190	21	5.04
ASA_WSM_1PNPDE20120221_080410_000002143112_00021_52190_3880.N1						SS1	H/H	112	52190	21	5.04
ASA_WSM_1PNPDK20120221_084628_000002143112_00021_52190_9254.N1						SS1	H/H	112	52190	21	5.04
ASA_WSM_1PNPDE20120221_093608_000002513112_00022_52191_3910.N1						SS1	H/H	112	52191	22	5.04
ASA_WSM_1PNPDE20120221_094030_000002753112_00022_52191_3912.N1						SS1	H/H	112	52191	22	5.04
ASA_WSM_1PNPDK20120221_094319_000000923112_00022_52191_9257.N1						SS1	H/H	112	52191	22	5.04
ASA_WSM_1PNPDK20120221_094516_000000923112_00022_52191_9256.N1						SS1	V/V	112	52191	22	5.04
ASA_WSM_1PNPDE20120221_094614_000000923112_00022_52191_3914.N1						SS1	V/V	112	52191	22	5.04
ASA_WSM_1PNPDE20120221_095513_000002143112_00022_52191_3917.N1						SS1	H/H	112	52191	22	5.04
ASA_WSM_1PNPDE20120221_102623_000002143112_00022_52191_3947.N1						SS1	H/H	112	52191	22	5.04
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ASA_WSM_1PNPDK20120221_111559_000003063112_00023_52192_9301.N1						SS1	H/H	112	52192	23	5.04
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ASA_WSM_1PNPDK20120221_143540_000001533112_00025_52194_9381.N1						SS1	H/H	112	52194	25	5.04
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ASA_WSM_1PNPDK20120221_144652_000001223112_00025_52194_9407.N1						SS1	H/H	112	52194	25	5.04
ASA_WSM_1PNPDK20120221_144856_000001223112_00025_52194_9410.N1						SS1	V/V	112	52194	25	5.04
ASA_WSM_1PNPDE20120221_152402_000001903112_00025_52194_4018.N1						SS1	H/H	112	52194	25	5.04
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ASA_WSM_1PNPDE20120221_154935_000001533112_00025_52194_4015.N1						SS1	H/H	112	52194	25	5.04
ASA_WSM_1PNPDE20120221_155525_000001713112_00026_52195_4016.N1						SS1	H/H	112	52195	26	5.04
ASA_WSM_1PNPDE20120221_161800_000001353112_00026_52195_4024.N1						SS1	H/H	112	52195	26	5.04
ASA_WSM_1PNPDK20120221_162612_000001043112_00026_52195_9437.N1						SS1	H/H	112	52195	26	5.04
ASA_WSM_1PNPDE20120221_163139_000002263112_00026_52195_4025.N1						SS1	V/V	112	52195	26	5.04
ASA_WSM_1PNPDE20120221_171027_000001533112_00026_52195_4023.N1						SS1	H/H	112	52195	26	5.04
ASA_WSM_1PNPDE20120221_173537_000001843112_00027_52196_4026.N1						SS1	H/H	112	52196	27	5.04
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ASA_WSM_1PNPDE20120221_185009_000001533112_00027_52196_4029.N1						SS1	H/H	112	52196	27	5.04
ASA_WSM_1PNPDE20120221_191343_000002143112_00028_52197_4032.N1						SS1	H/H	112	52197	28	5.04
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ASA_WSM_1PNPDE20120221_203023_000001533112_00028_52197_4040.N1						SS1	H/H	112	52197	28	5.04
ASA_WSM_1PNPDE20120221_204032_000001533112_00028_52197_4043.N1						SS1	V/V	112	52197	28	5.04
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ASA_WSM_1PNPDE20120221_220854_000002203112_00029_52198_4048.N1						SS1	H/H	112	52198	29	5.04
ASA_WSM_1PNPDK20120221_224854_000002083112_00030_52199_9533.N1						SS1	H/H	112	52199	30	5.04
ASA_WSM_1PNPDE20120221_225353_000003123112_00030_52199_4075.N1						SS1	H/H	112	52199	30	5.04
ASA_WSM_1PNPDE20120221_230346_000001533112_00030_52199_4079.N1						SS1	H/H	112	52199	30	5.04
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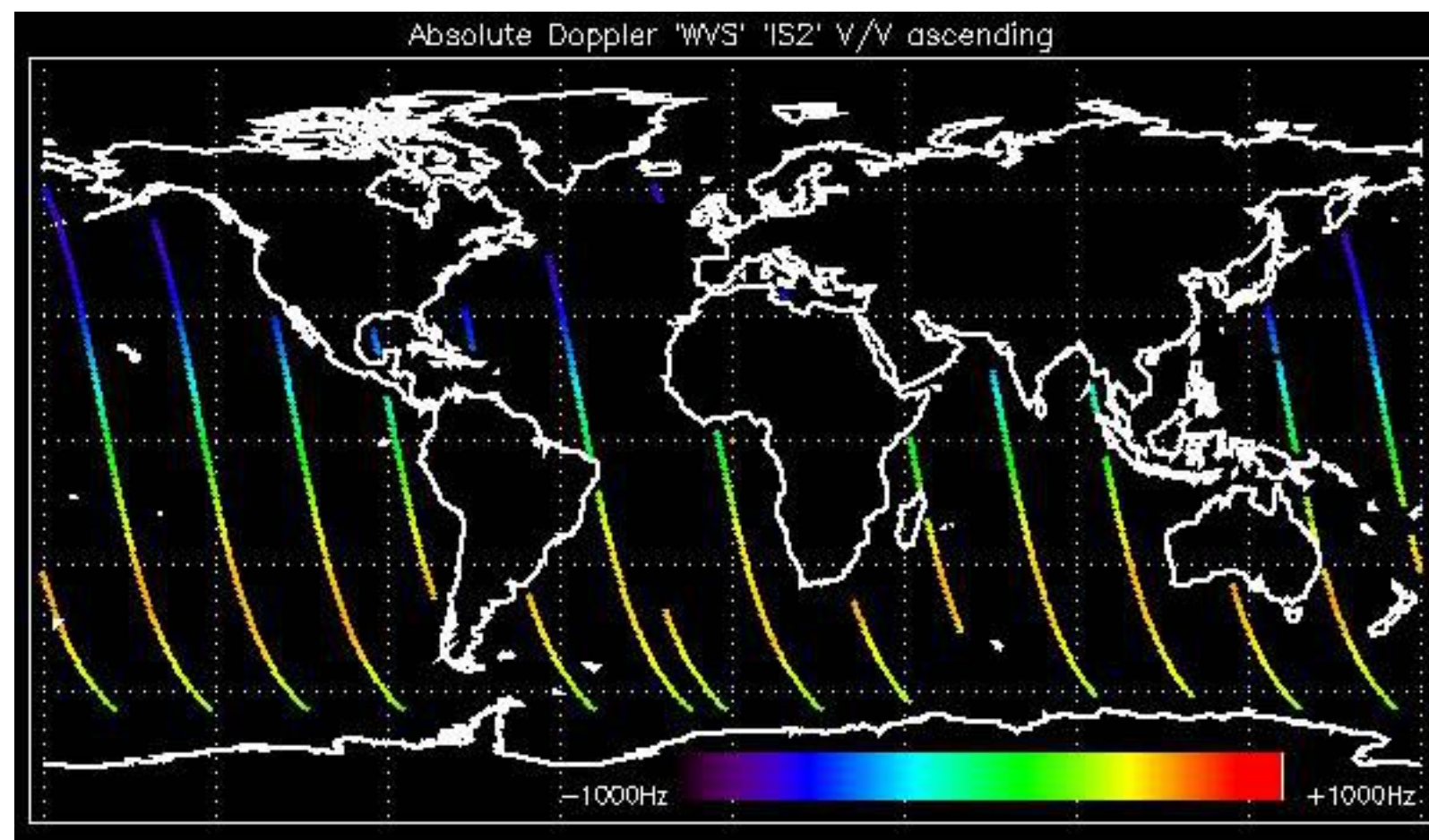
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ASA_WVS_1PNPDE20120221_002935_000004053112_00016_52185_3690.N1						IS2	V/V	112	52185	16	5.04
ASA_WVS_1PNPDE20120221_003520_000005543112_00016_52185_3707.N1						IS2	V/V	112	52185	16	5.04
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ASA_WVS_1PNPDE20120221_012958_000002333112_00017_52186_3713.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_014126_000001043112_00017_52186_3714.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3716.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_014811_000004803112_00017_52186_3719.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3720.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_020949_000003003112_00017_52186_3717.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_021404_000002253112_00017_52186_3740.N1						IS2	V/V	112	52186	17	5.04
ASA_WVS_1PNPDE20120221_023431_000001493112_00018_52187_3745.N1						IS2	V/V	112	52187	18	5.04
ASA_WVS_1PNPDE20120221_031940_000005253112_00018_52187_3753.N1						IS2	V/V	112	52187	18	5.04
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ASA_WVS_1PNPDE20120221_053017_000016043112_00019_52188_3844.N1						IS2	V/V	112	52188	19	5.04
ASA_WVS_1PNPDE20120221_063751_000002843112_00020_52189_3847.N1						IS2	V/V	112	52189	20	5.04
ASA_WVS_1PNPDE20120221_064619_000002403112_00020_52189_3849.N1						IS2	V/V	112	52189	20	5.04
ASA_WVS_1PNPDK20120221_065004_000004053112_00020_52189_9208.N1						IS2	V/V	112	52189	20	5.04
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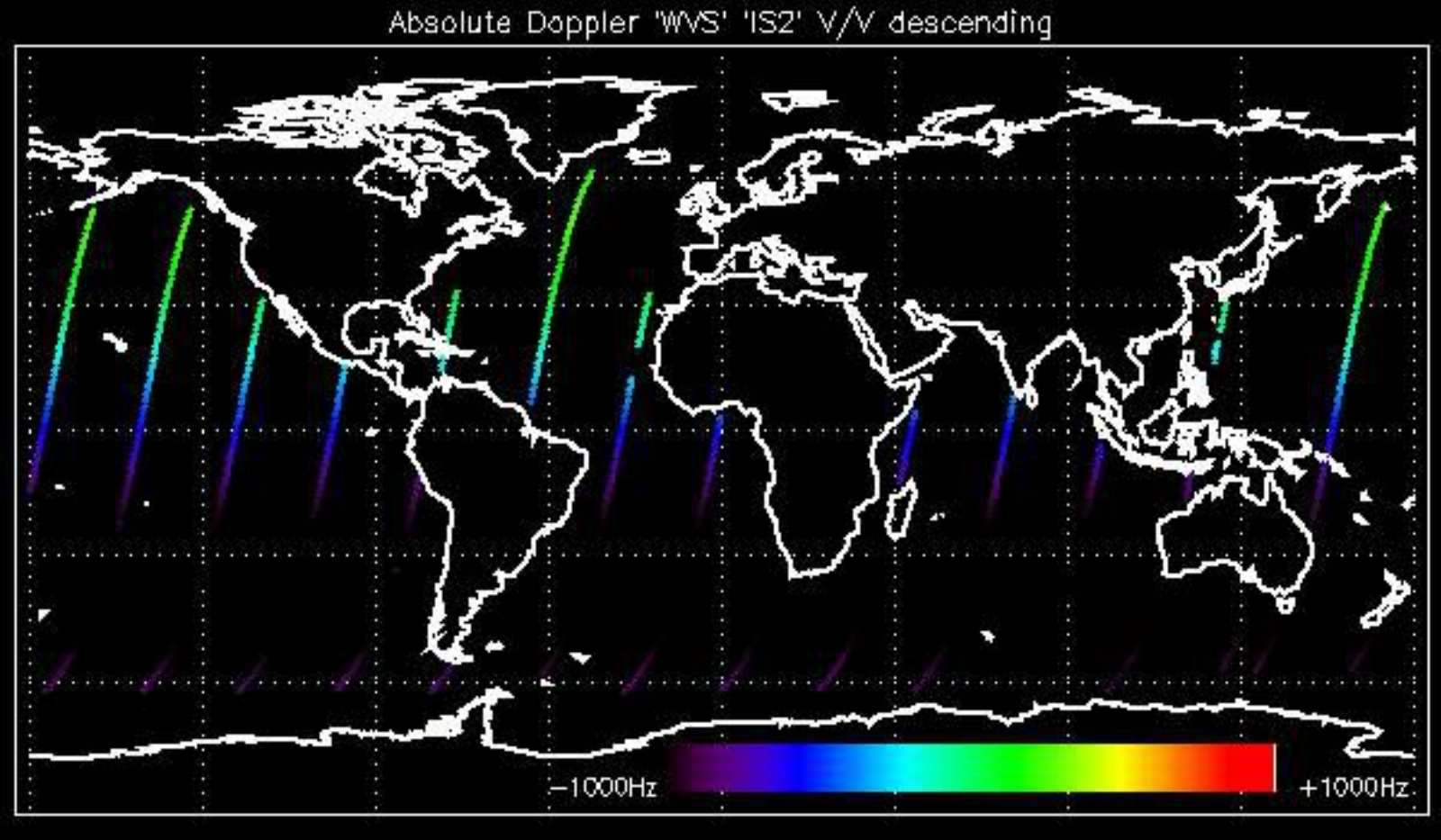


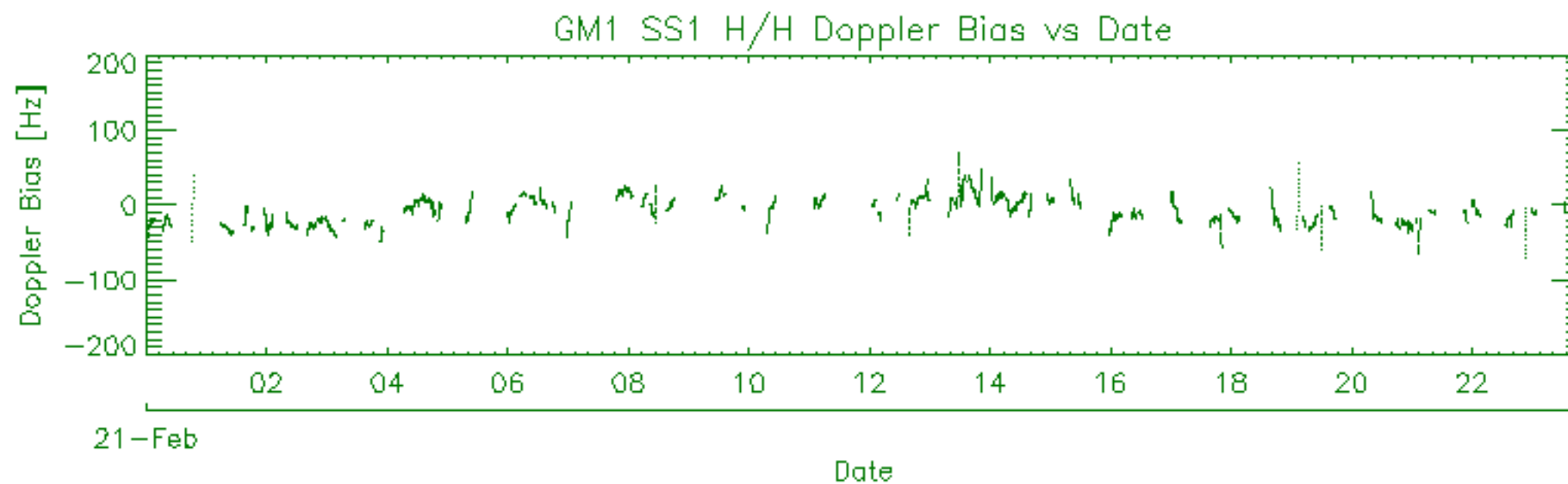
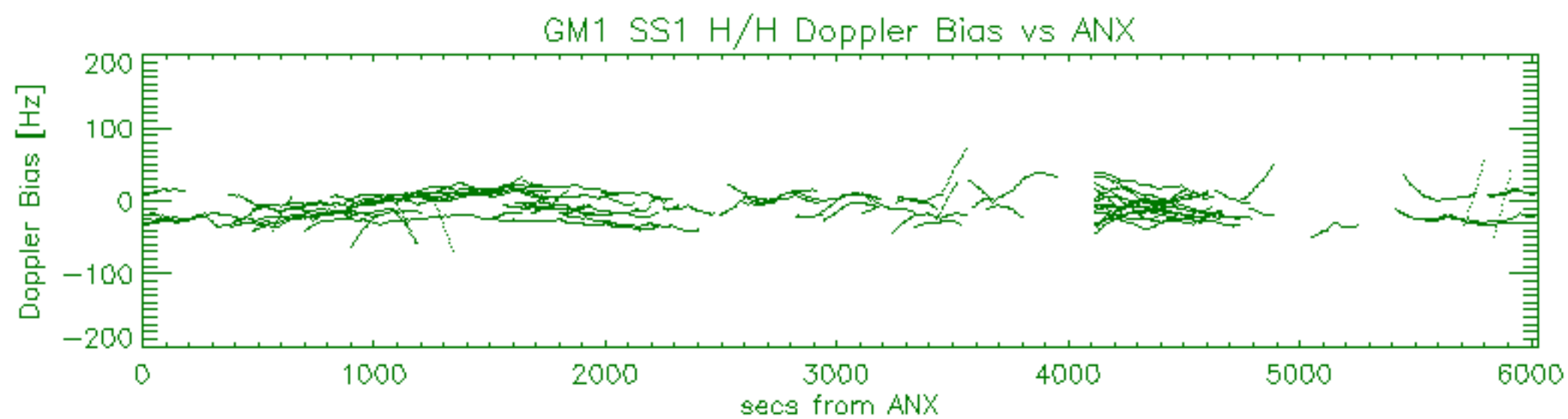
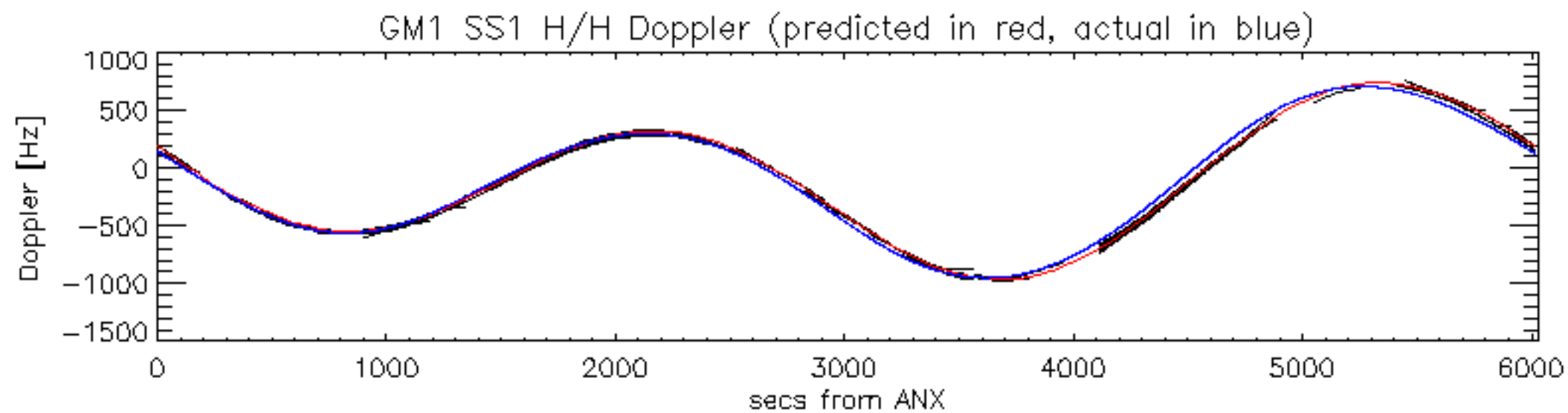


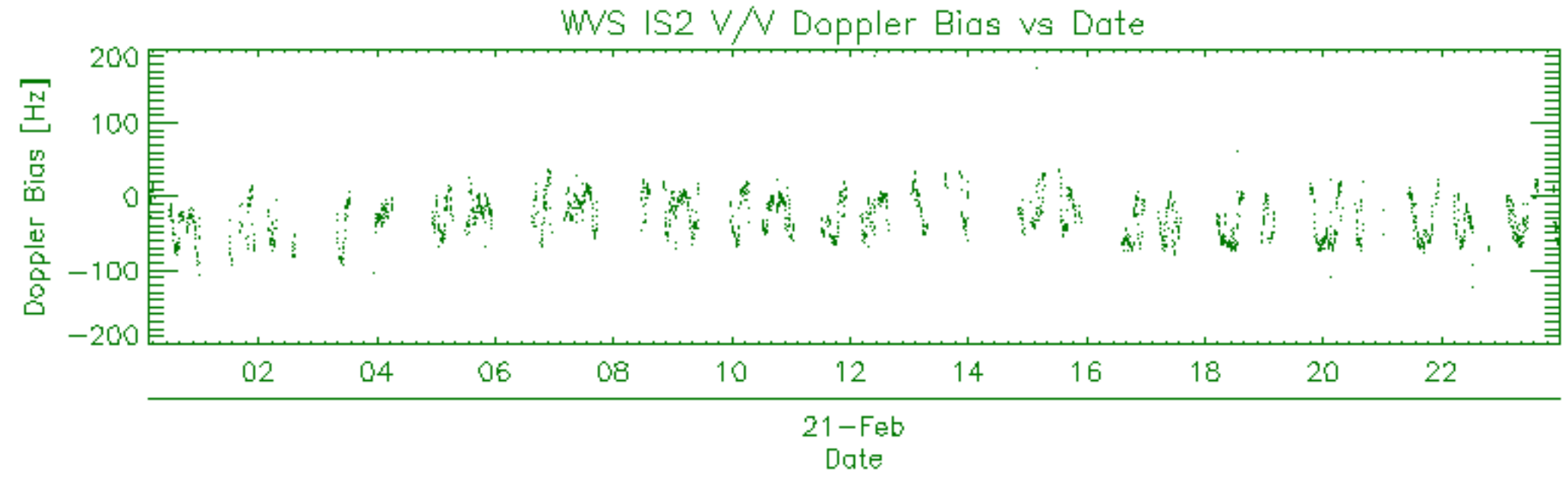
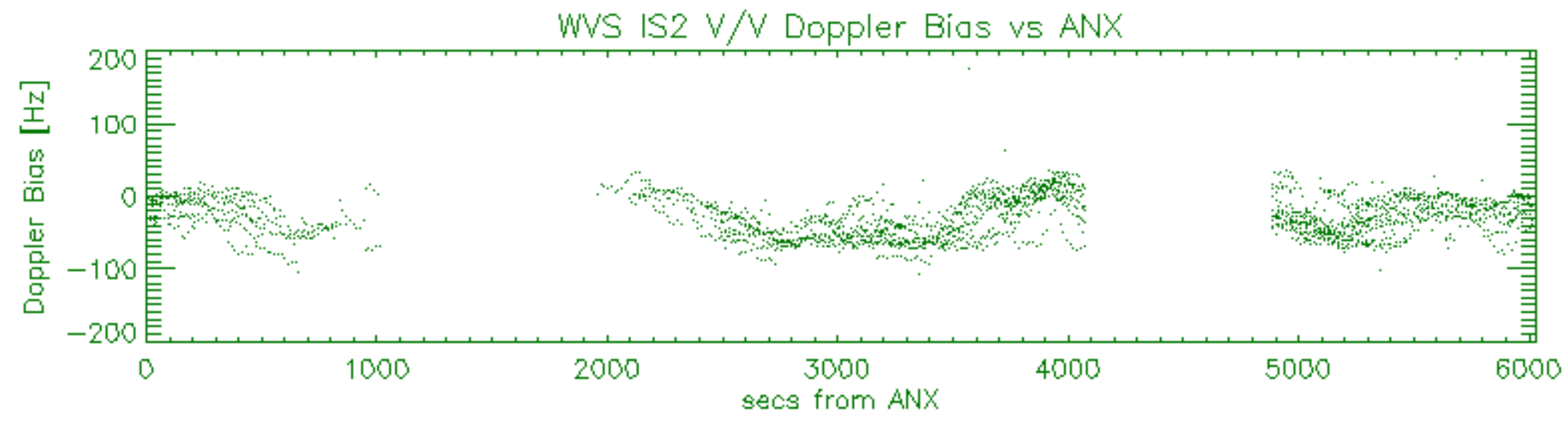
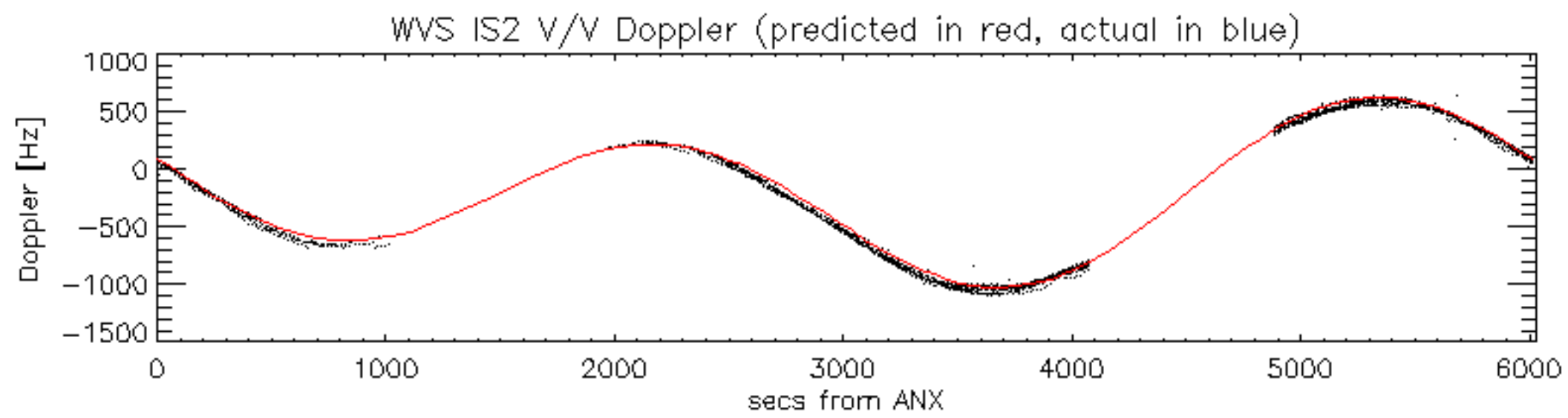




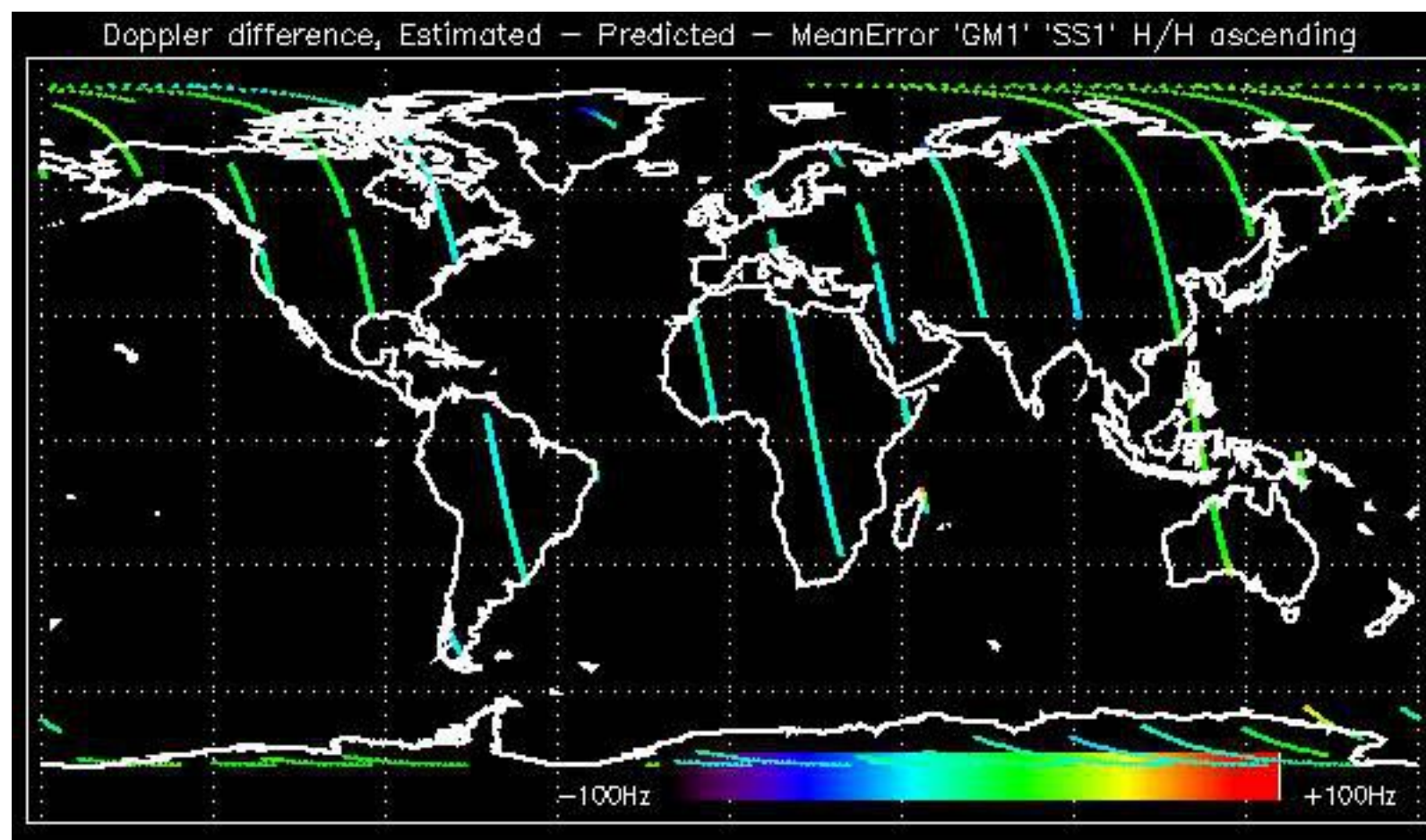


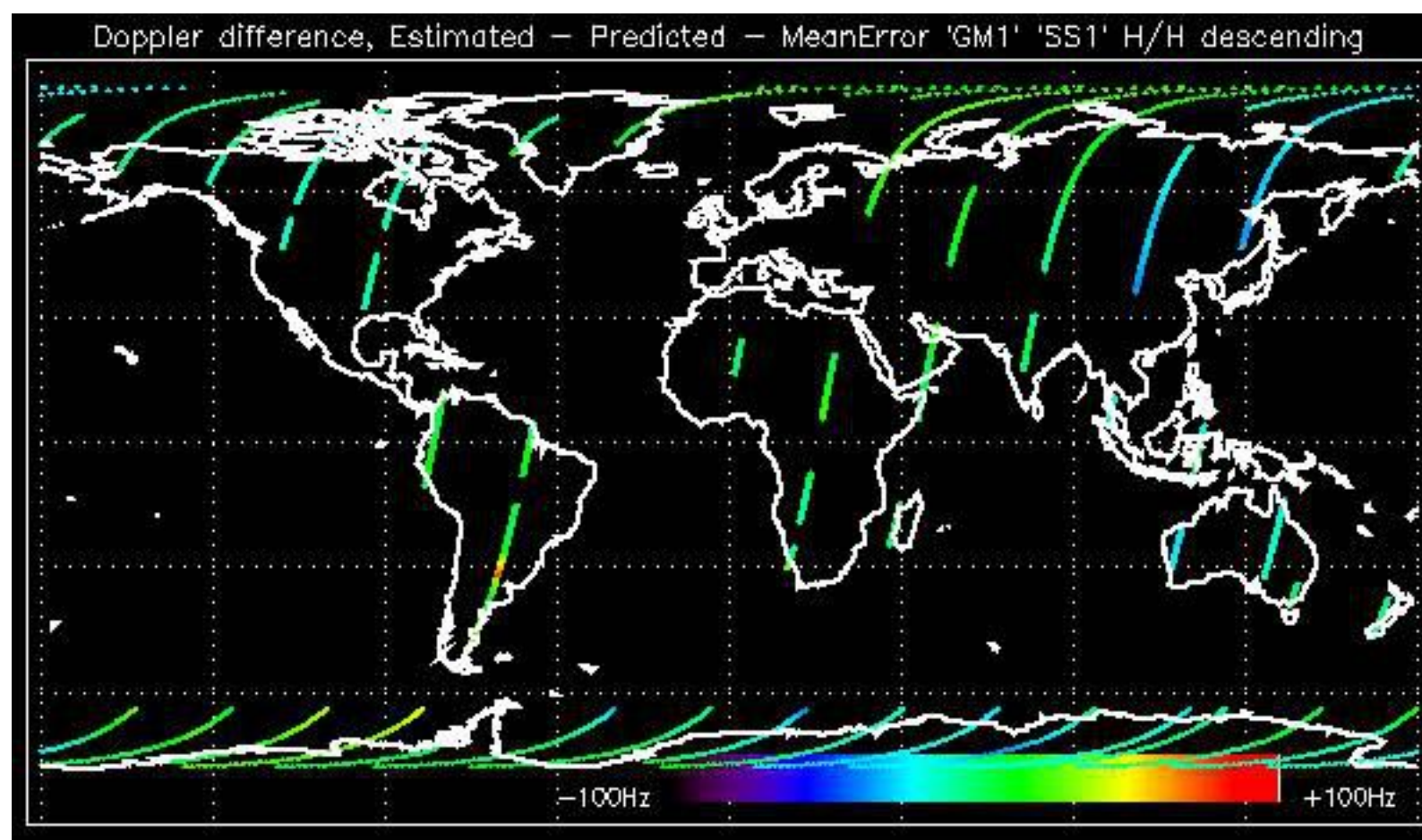


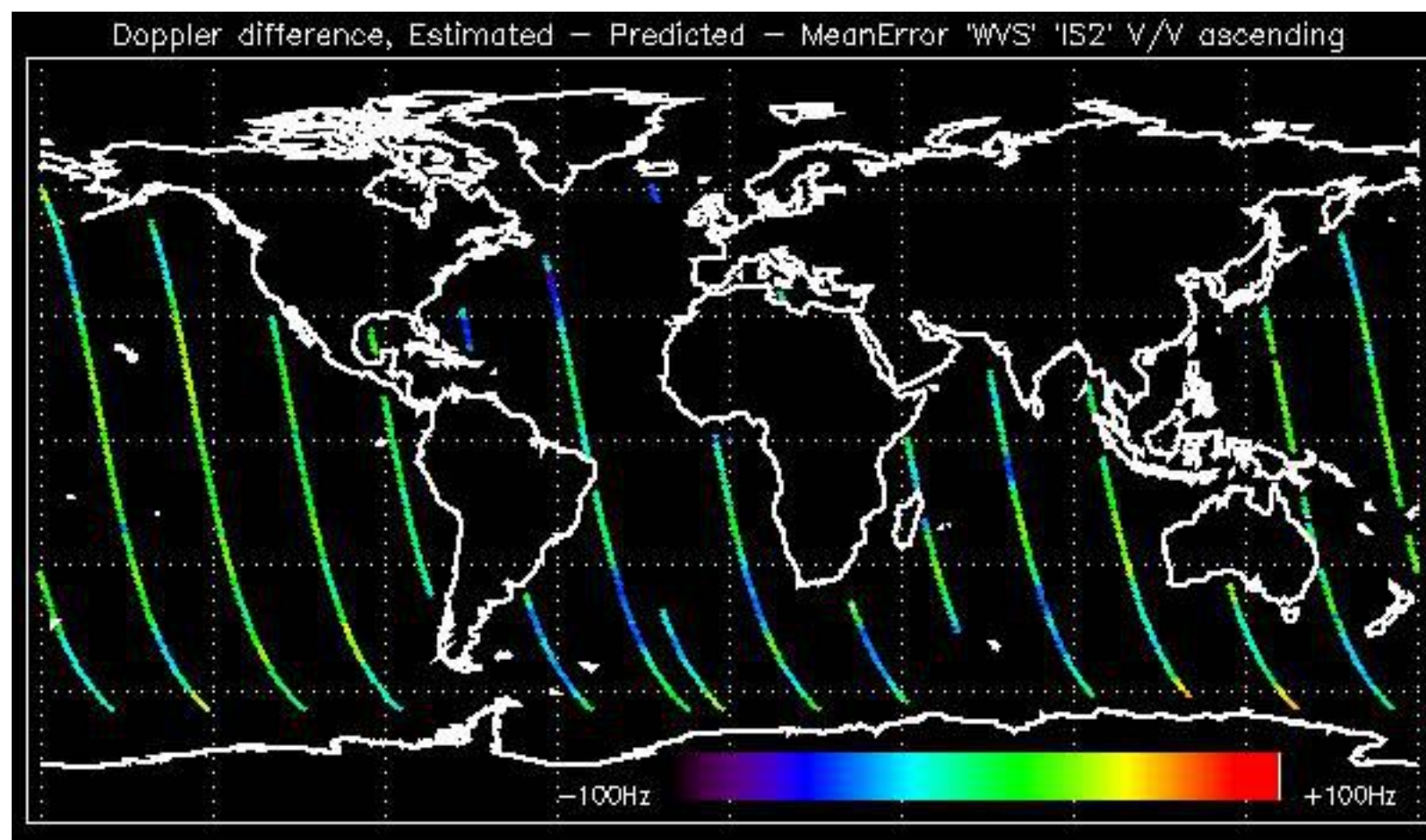




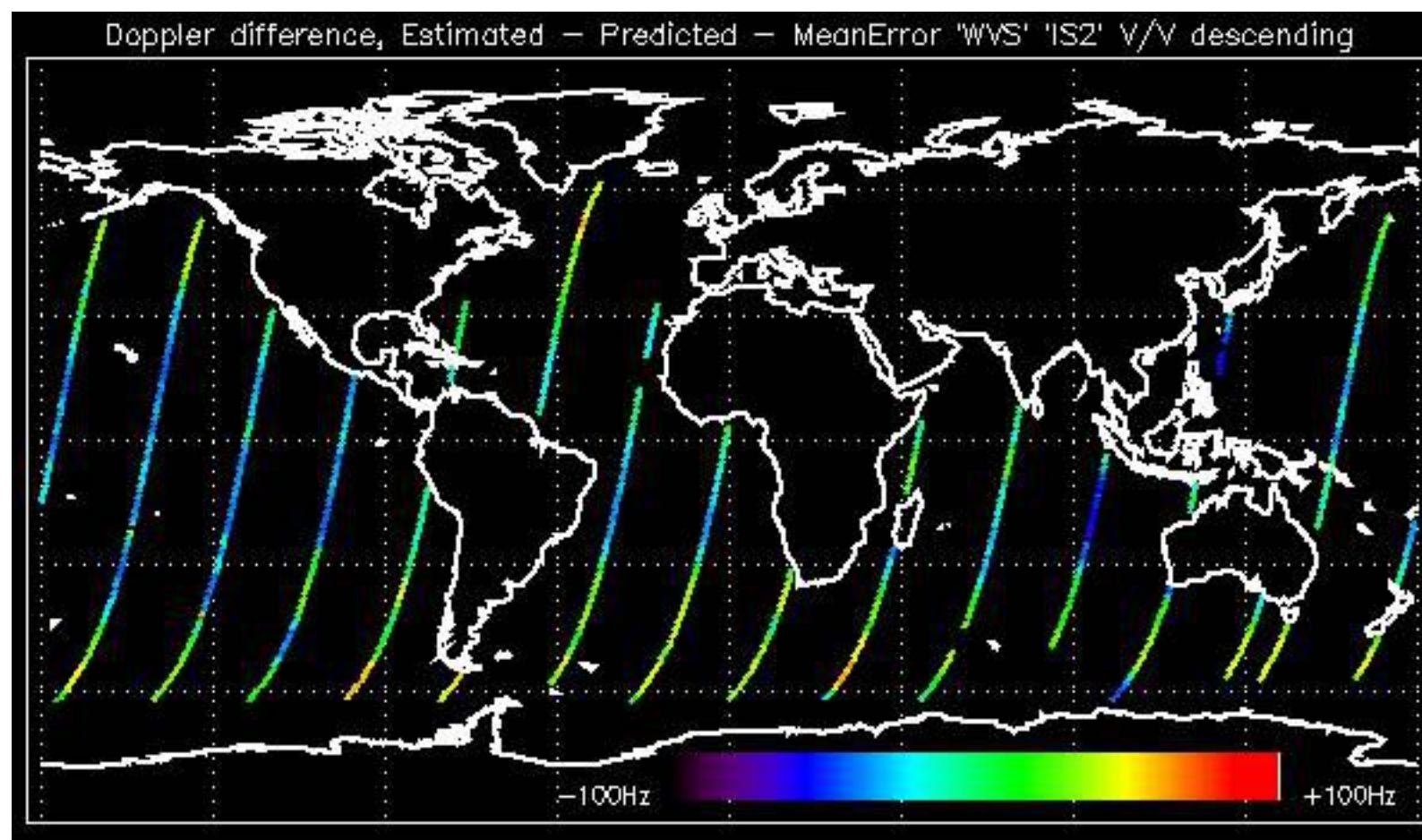




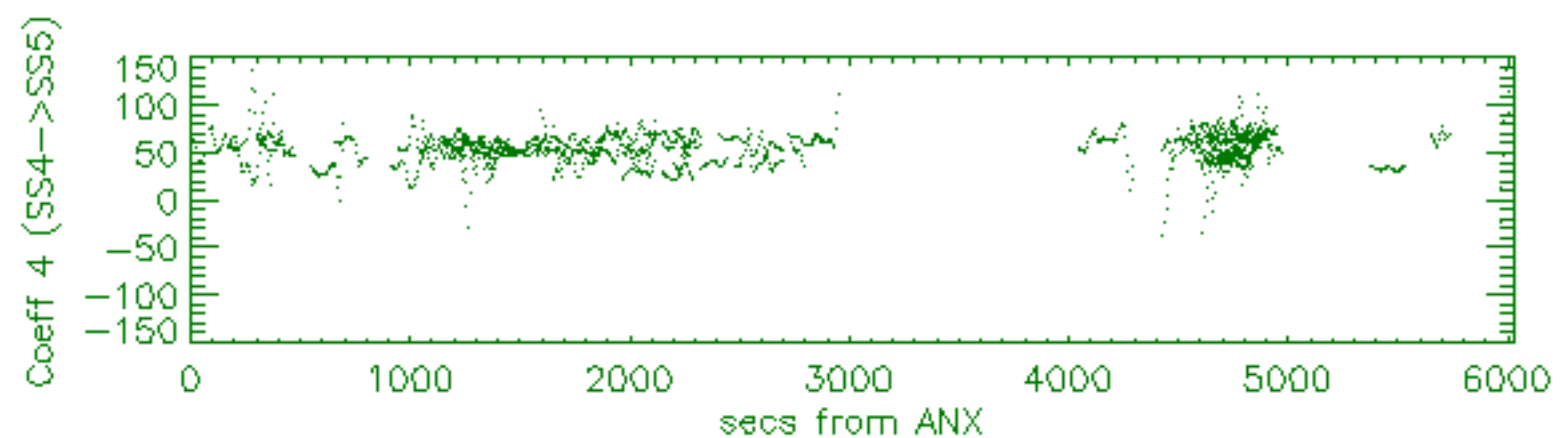
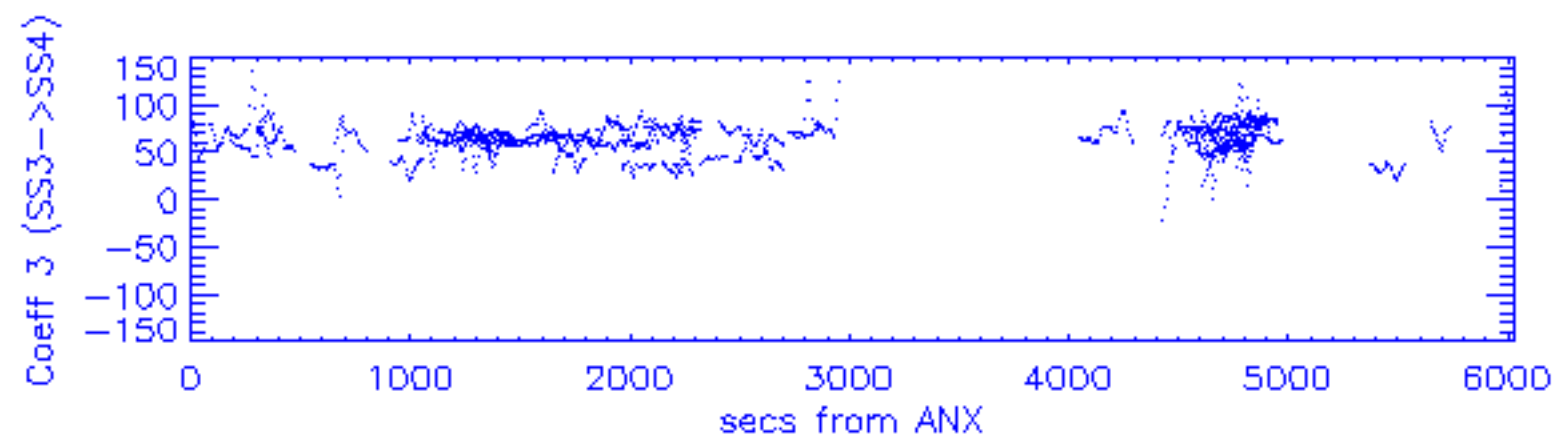
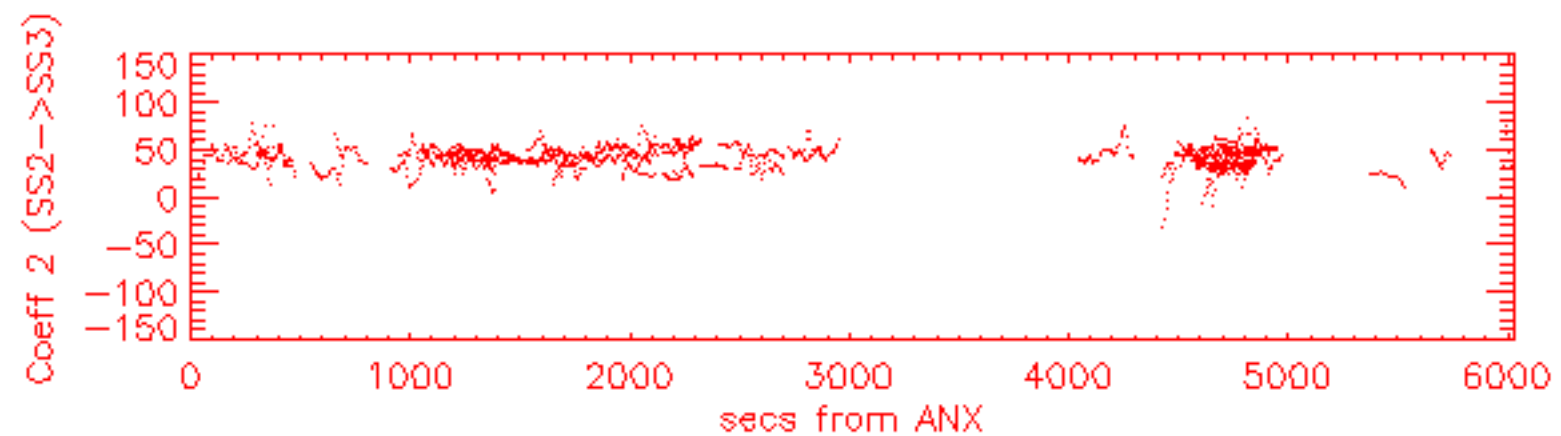
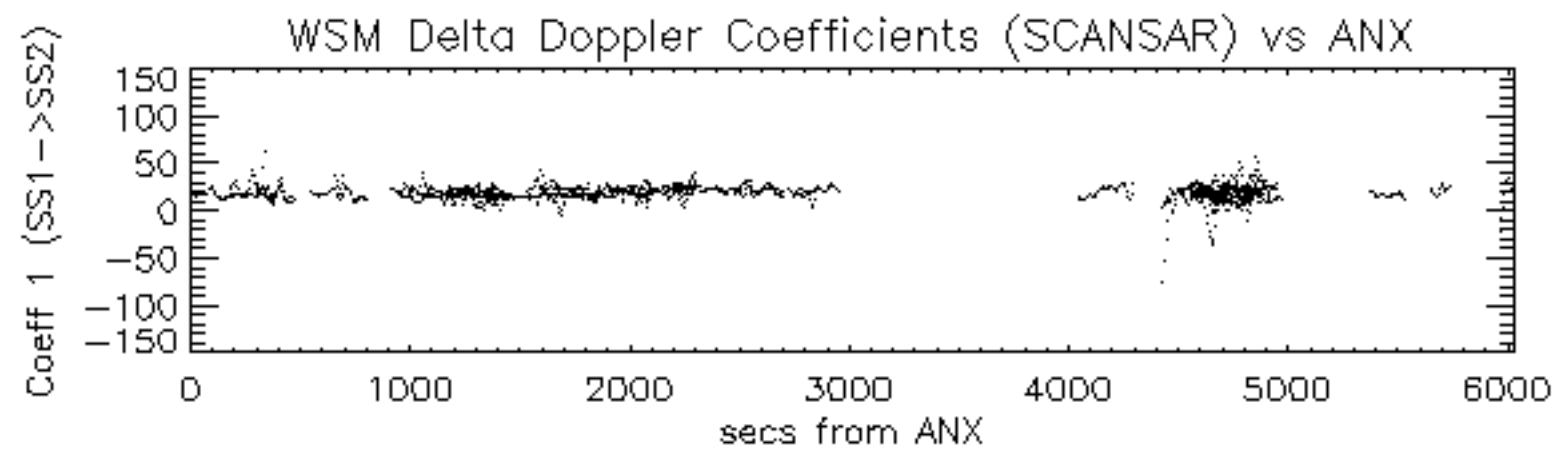


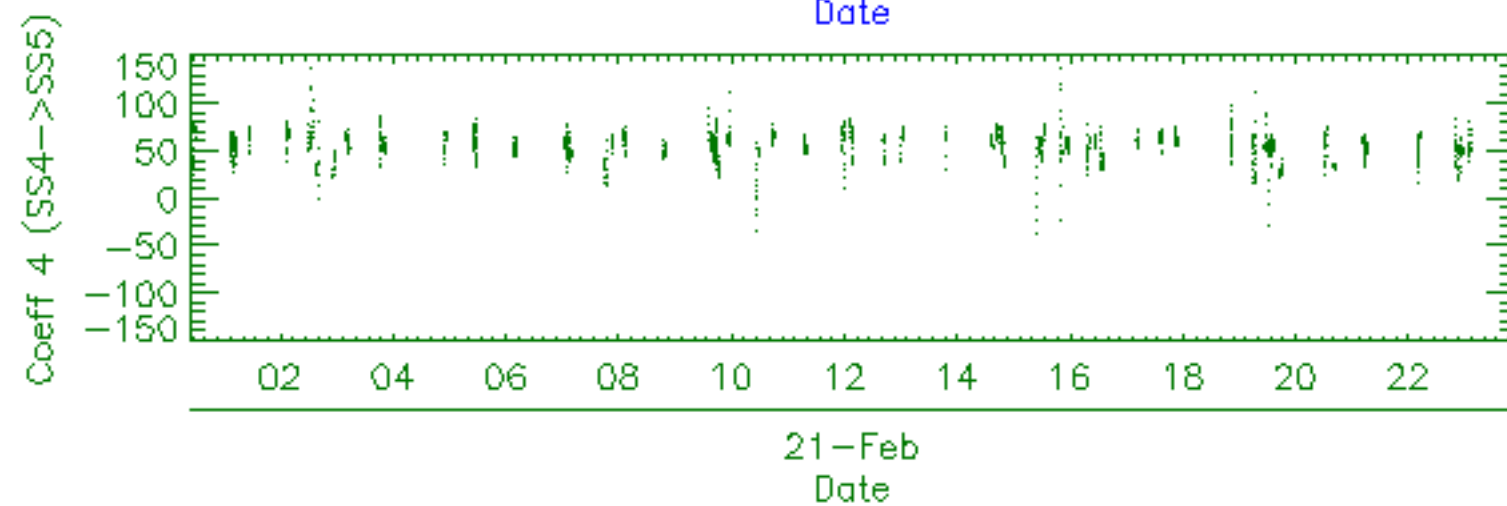
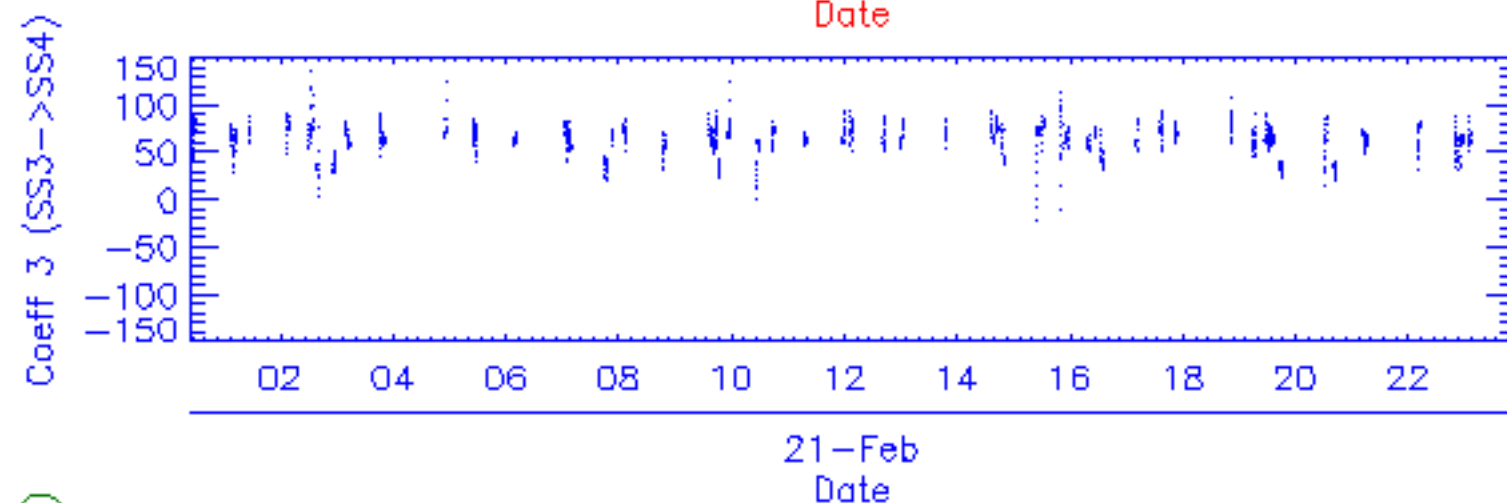
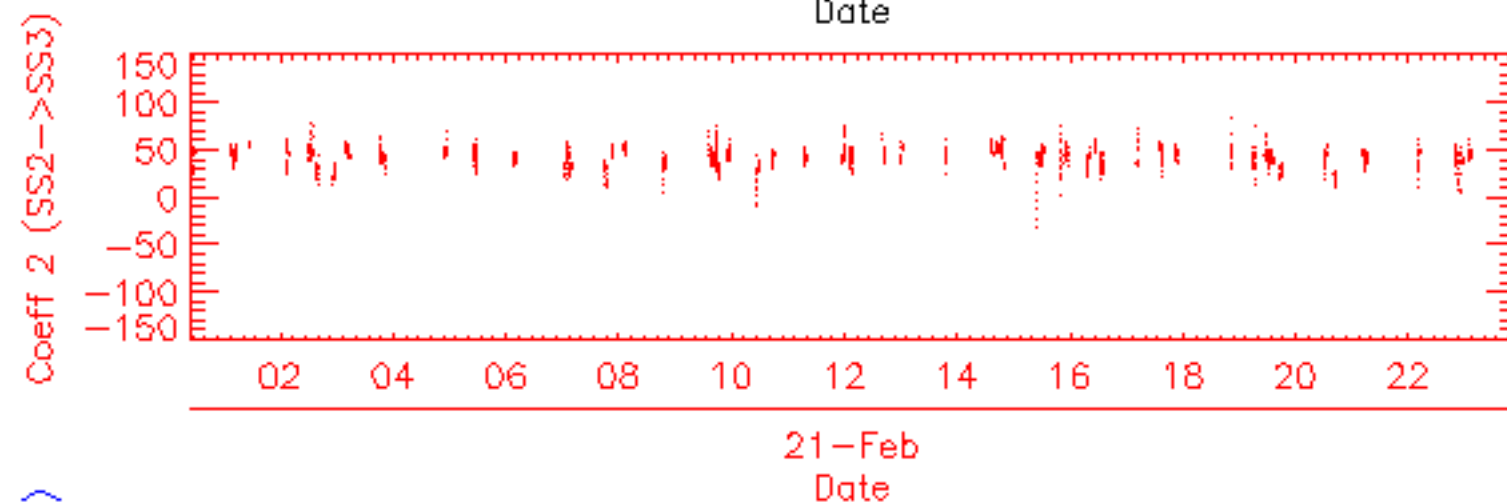
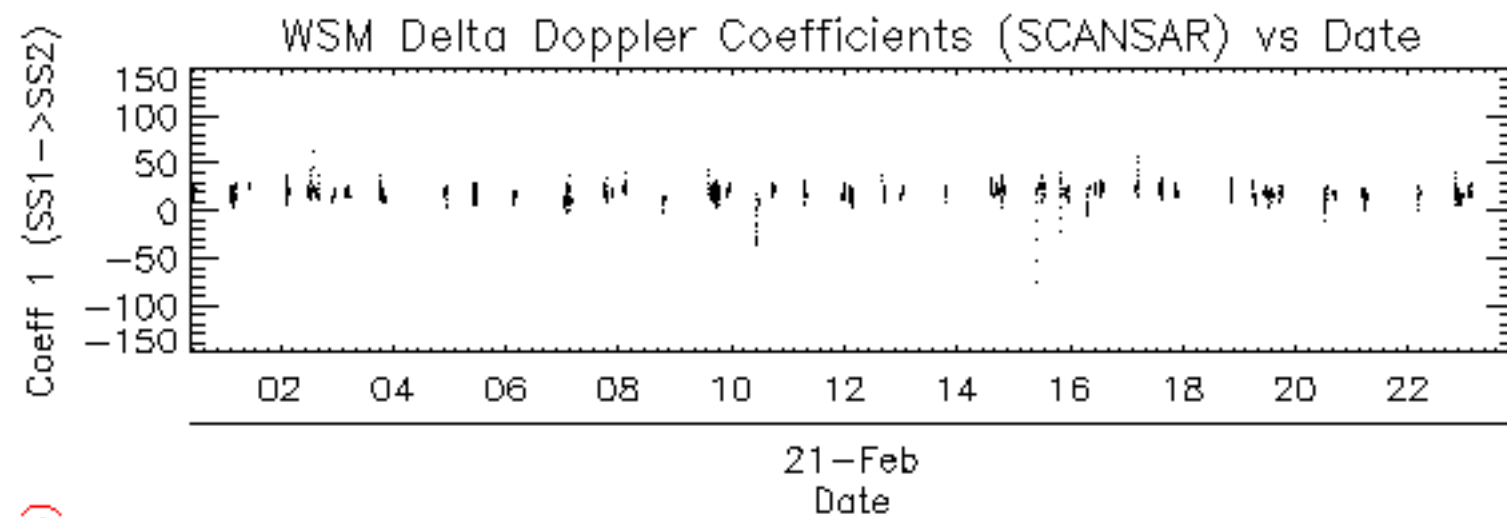






















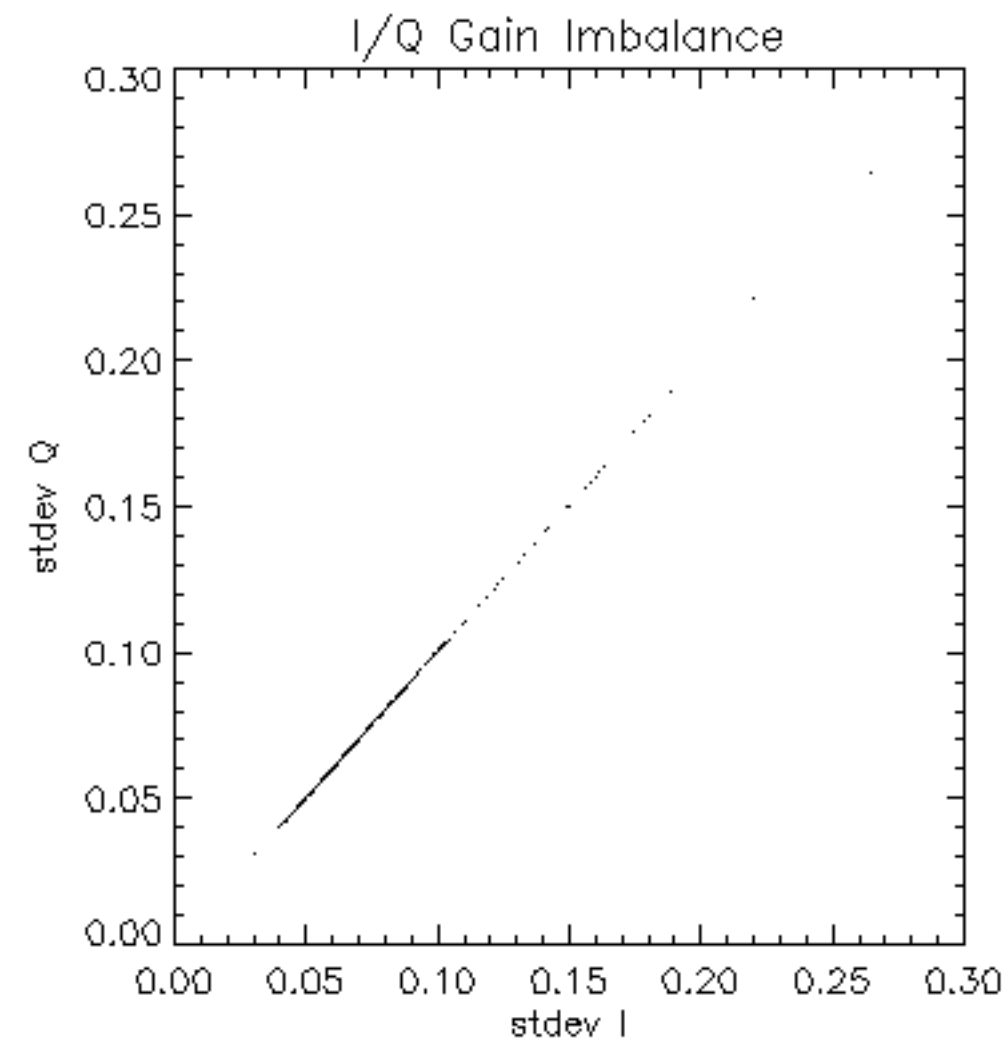


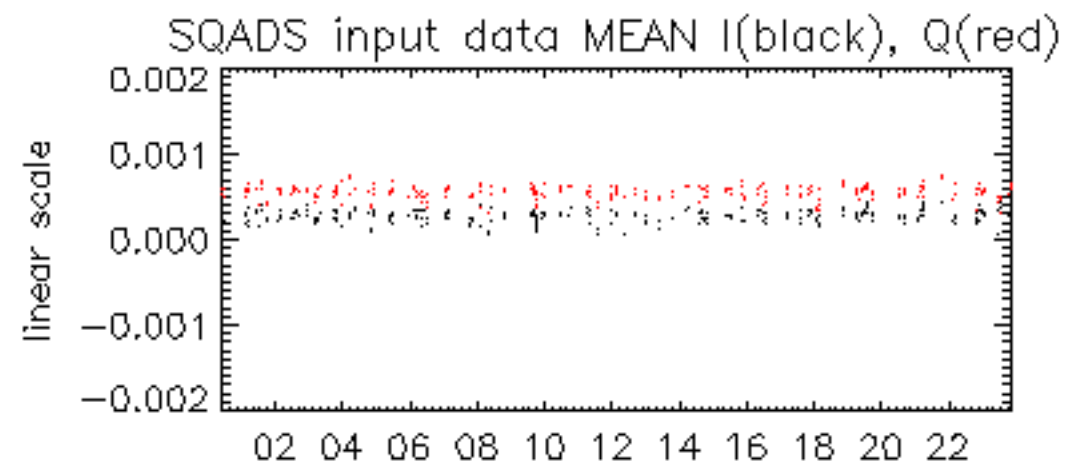




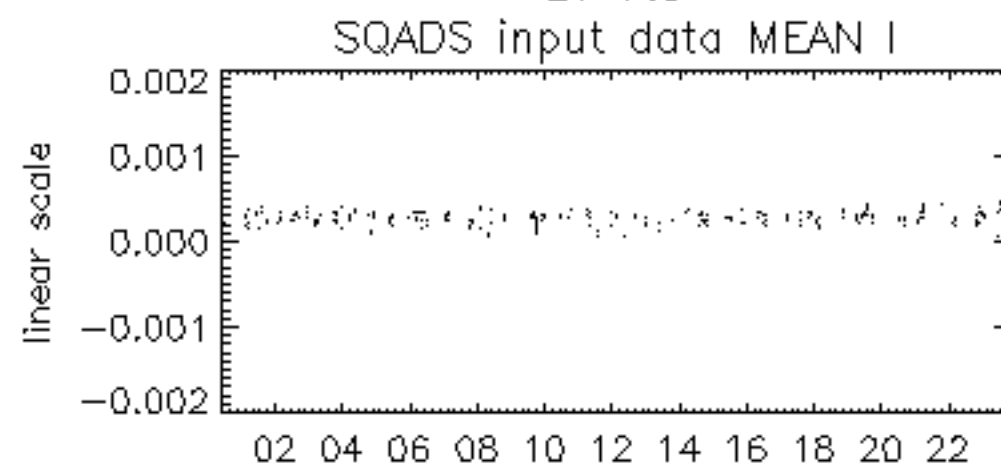




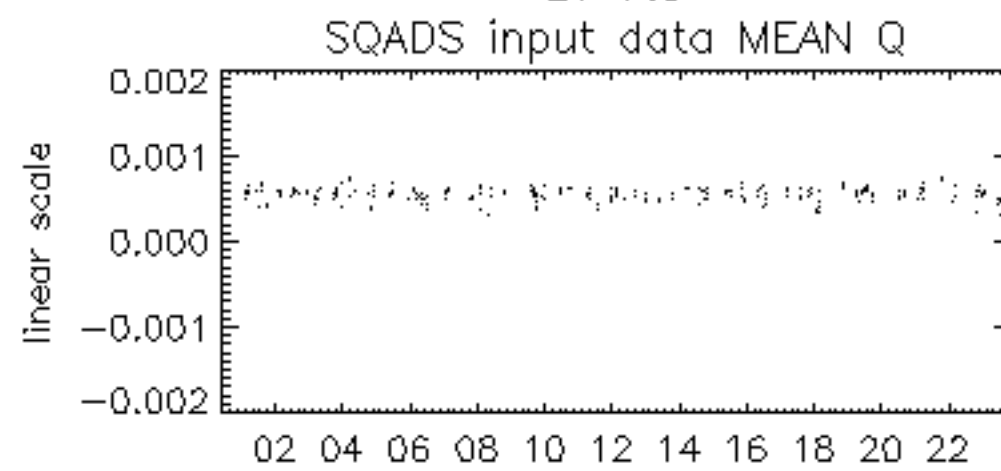




21-Feb

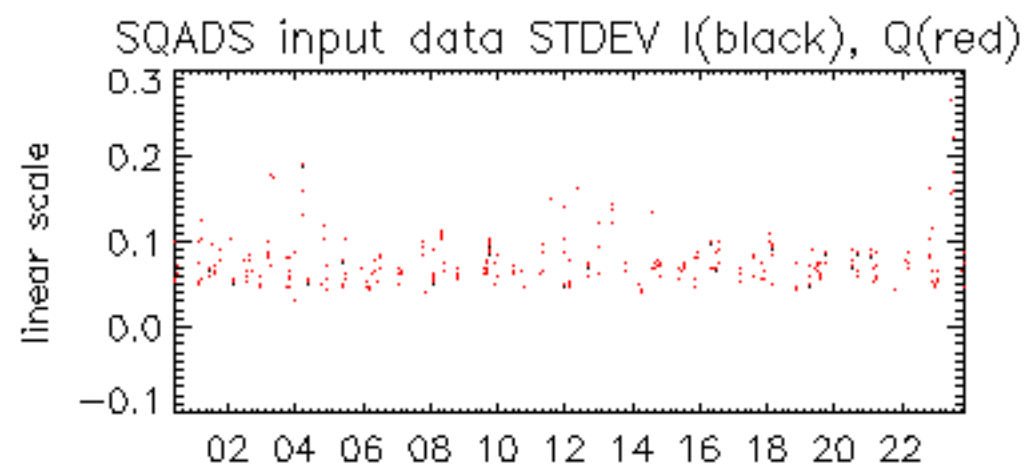


21-Feb

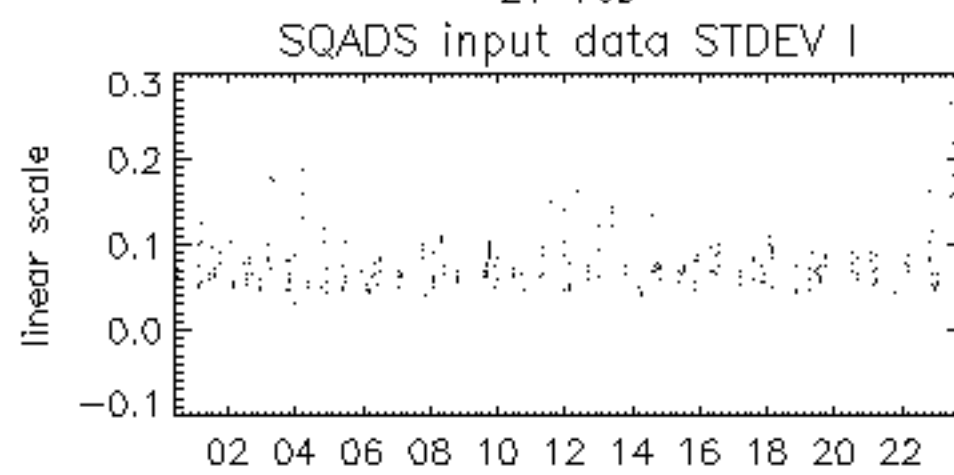


21-Feb

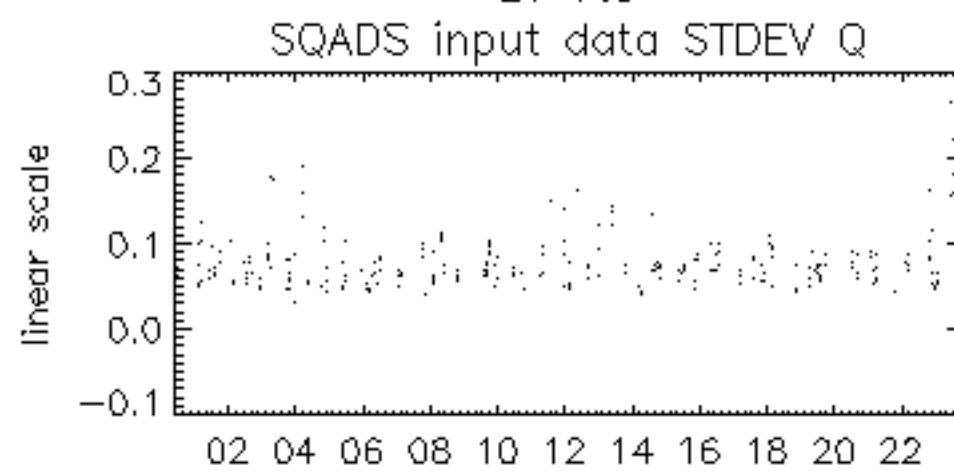




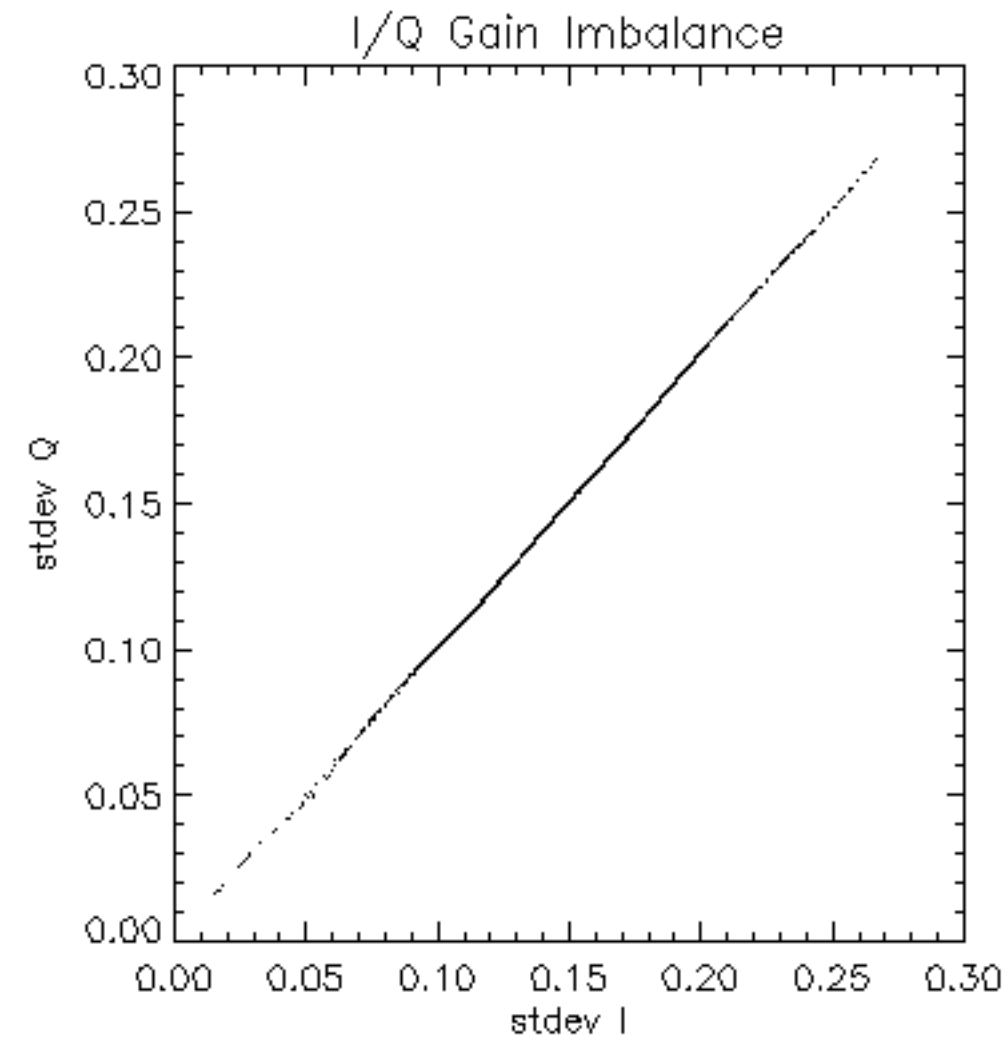
21-Feb



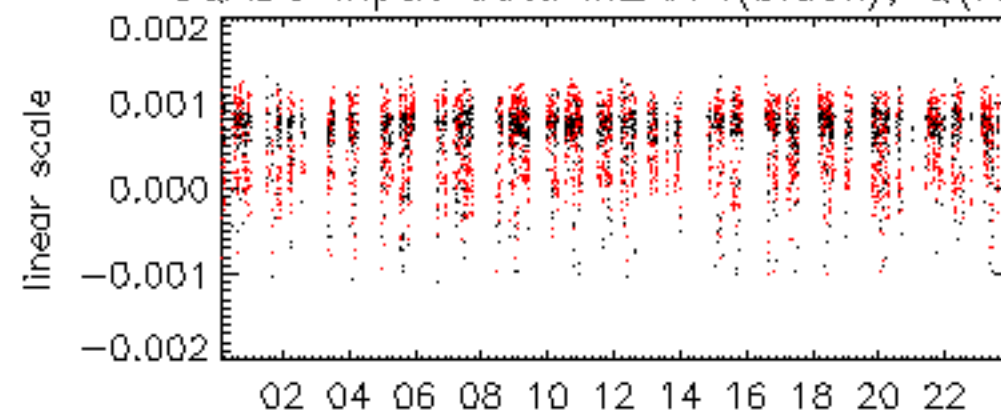
21-Feb



21-Feb

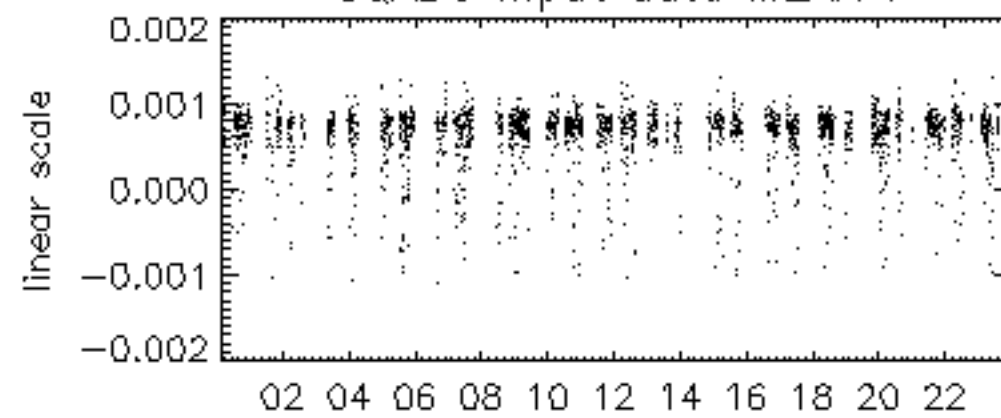


SQADS input data MEAN I(black), Q(red)



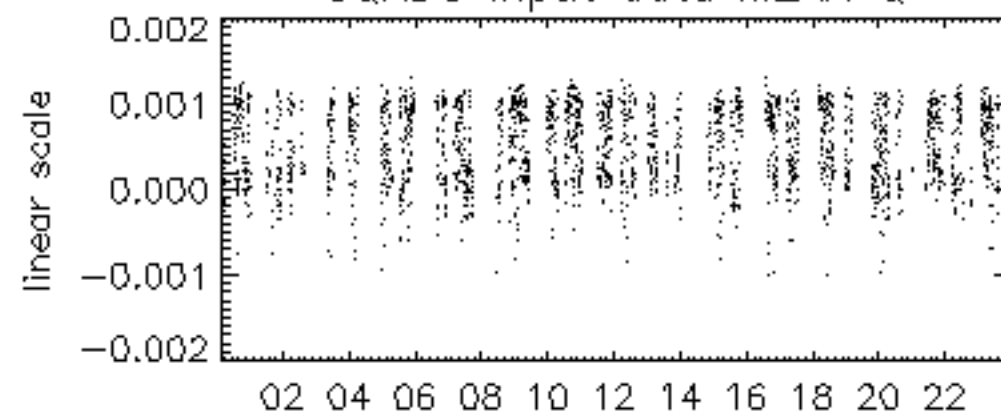
21-Feb

SQADS input data MEAN I

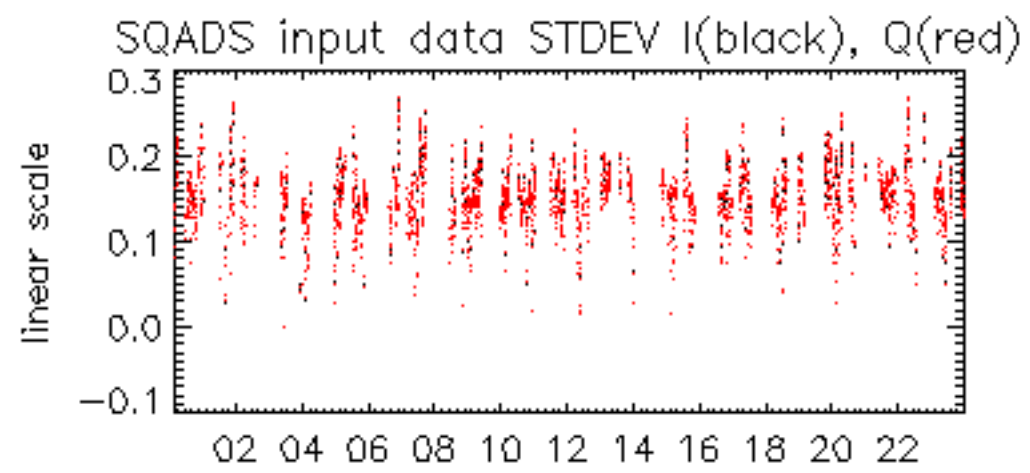


21-Feb

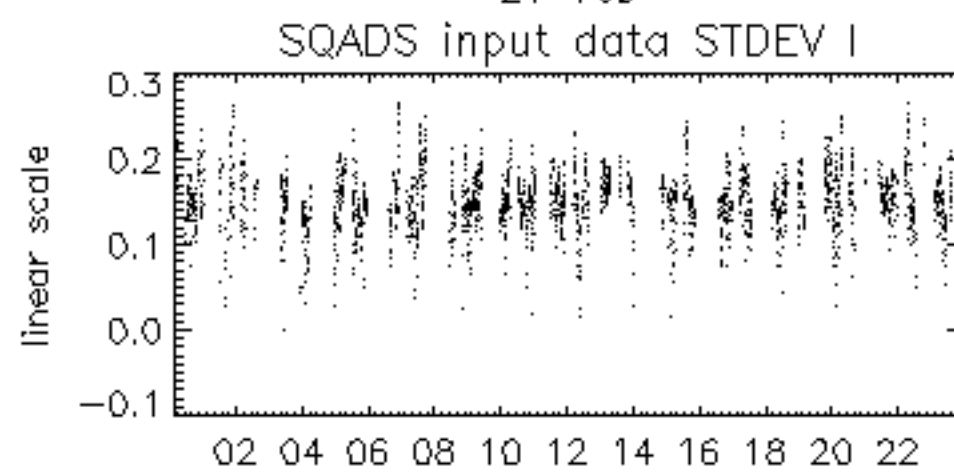
SQADS input data MEAN Q



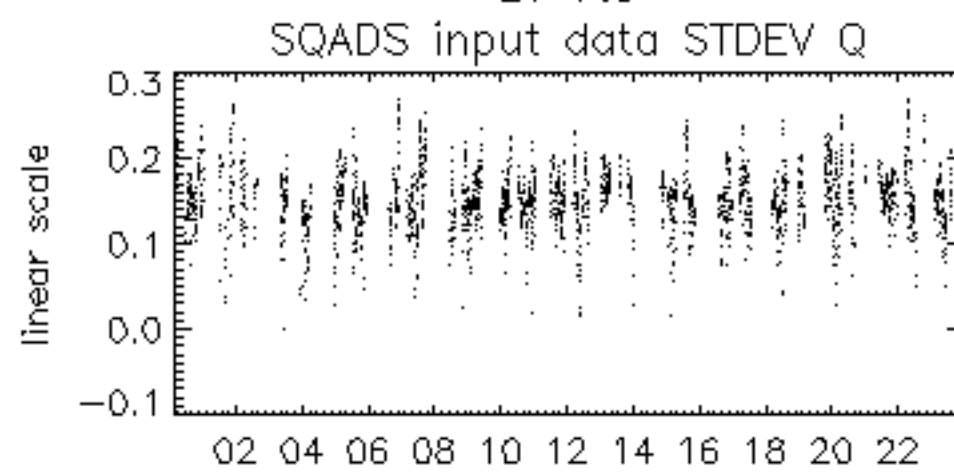
21-Feb



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