



Analysis from 19-FEB-2012 00:00:00 to 19-FEB-2012 23:59:59. Page generated on 21-FEB-2012 13:25:26.  
View log file: ASAR\_Daily\_Report\_20120221\_1324.log. For any anomalies please contact [emma.hatton@vegaspaces.com](mailto:emma.hatton@vegaspaces.com), [kajal.haria@vegaspaces.com](mailto:kajal.haria@vegaspaces.com).

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	5	PDE	WS	H/H	25	PDE	IS1	V/V	2	PDE	IS2	V/V	3	PDE	WS	H/H	28	PDE	2012-02-19 04:49:09	H	320
PDE	IS2	V/V	26	PDE	WS	H/H	4	PDE	IS2	H/H	1	PDE	IS3	V/V	1	PDE	WS	V/V	10	PDE	2012-02-19 23:11:42	H	320
PDE	IS2	V/V	4	PDK	WS	H/H	47	PDE	IS4	H/H	1	PDE	IS4	V/V	1	PDE	WS	H/H	2	PDK	2012-02-19 06:29:23	V	320
PDK	IS2	V/V	25					PDE	IS4	H/V	1	PDE	IS6	H/H	5	PDE	WS	V/V	1				
												PDK	IS6	H/H	1	PDK	WS	***	1				
																PDK	WS	H/H	15				
																PDK	WS	V/V	2				
																PDK	WS	H/H	1				

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

### 2.2 - Products with wrong ADFs

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

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





### 3.2 - H/H polarisation

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

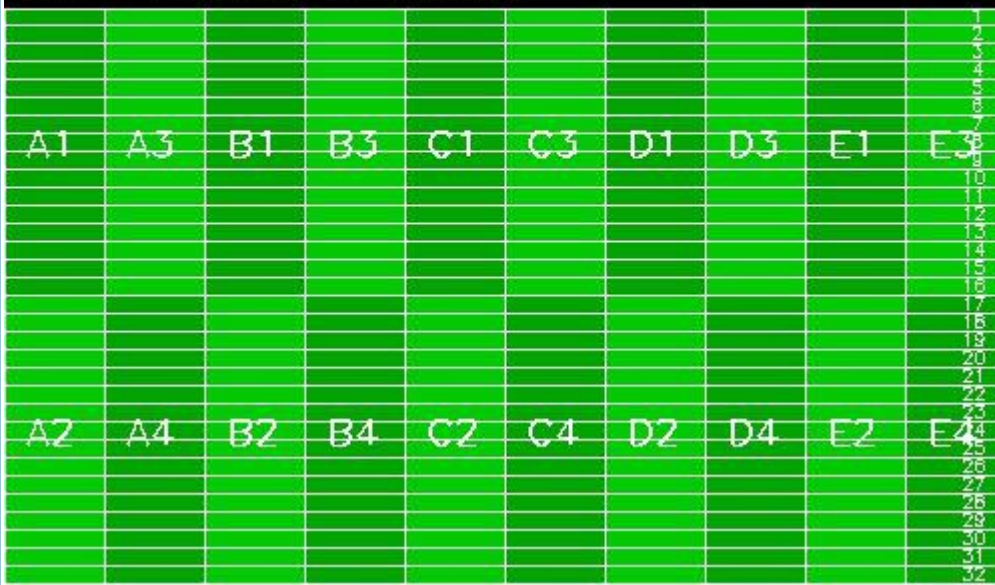
Reference: 2001-02-09 13:50:42 H RxGain

Test : 2012-02-19 23:11:42 H



Reference: 2012-02-19 04:49:09 H RxGain

Test : 2012-02-19 23:11:42 H



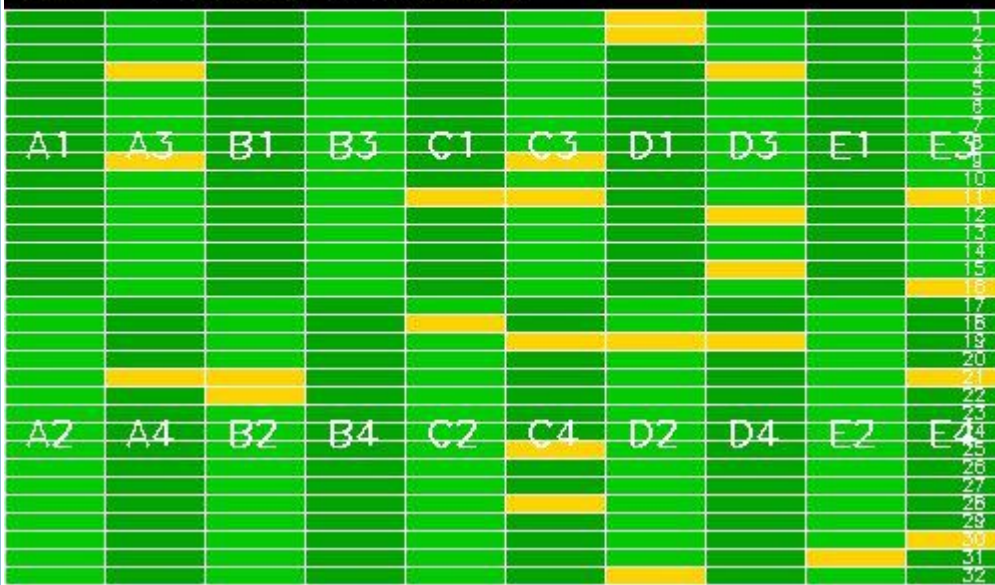
Reference: 2001-02-09 13:50:42 H RxPhase

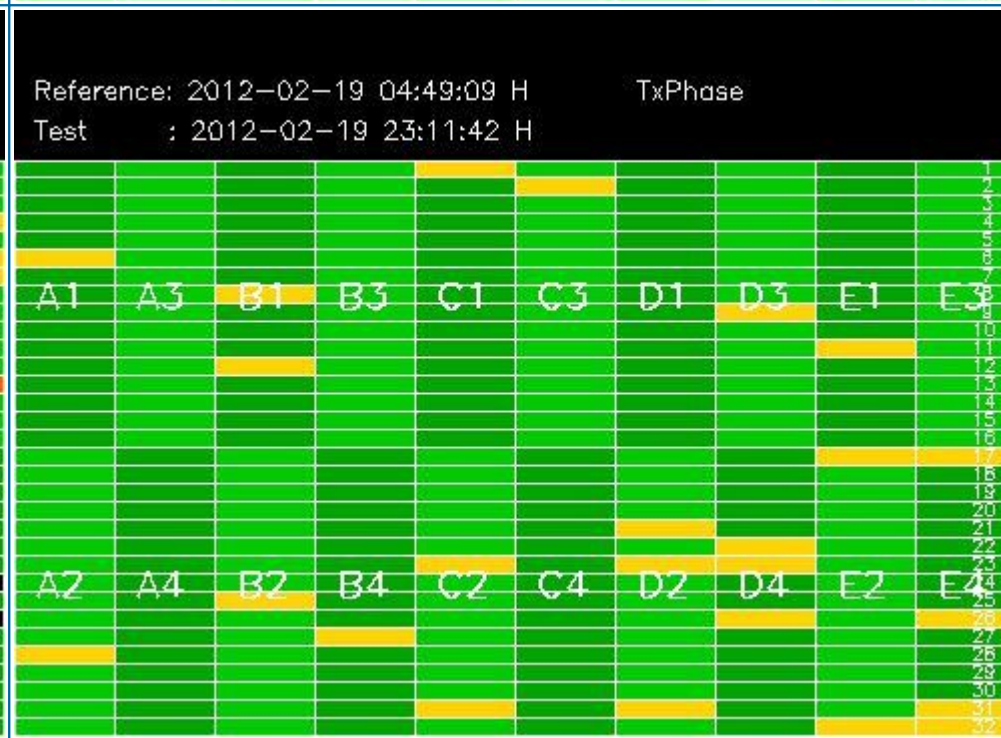
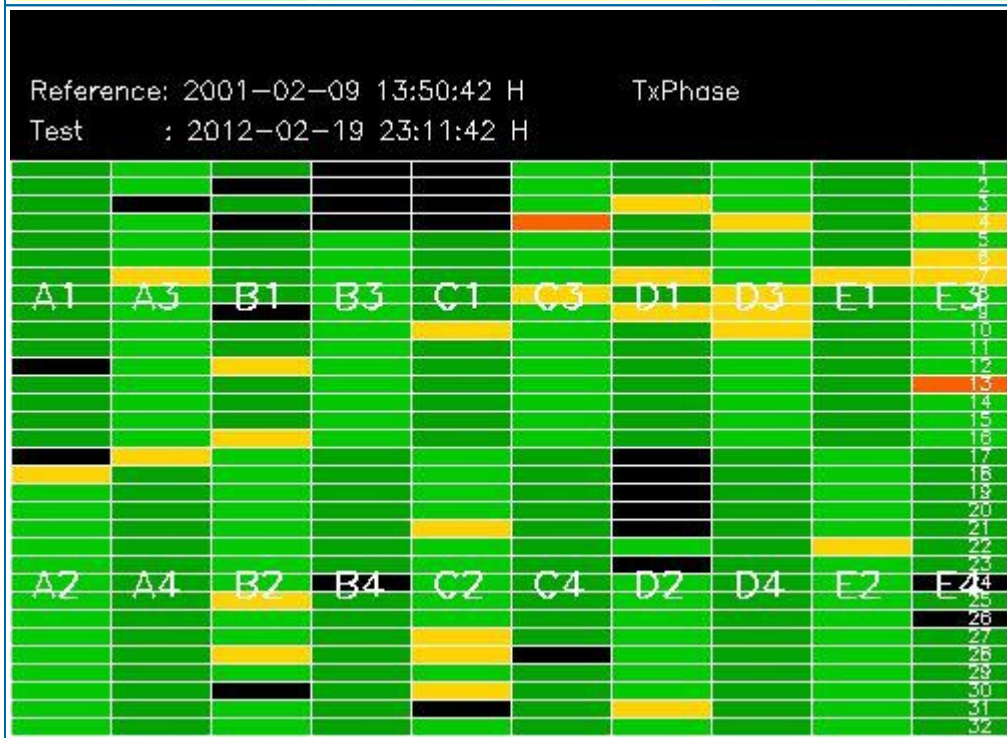
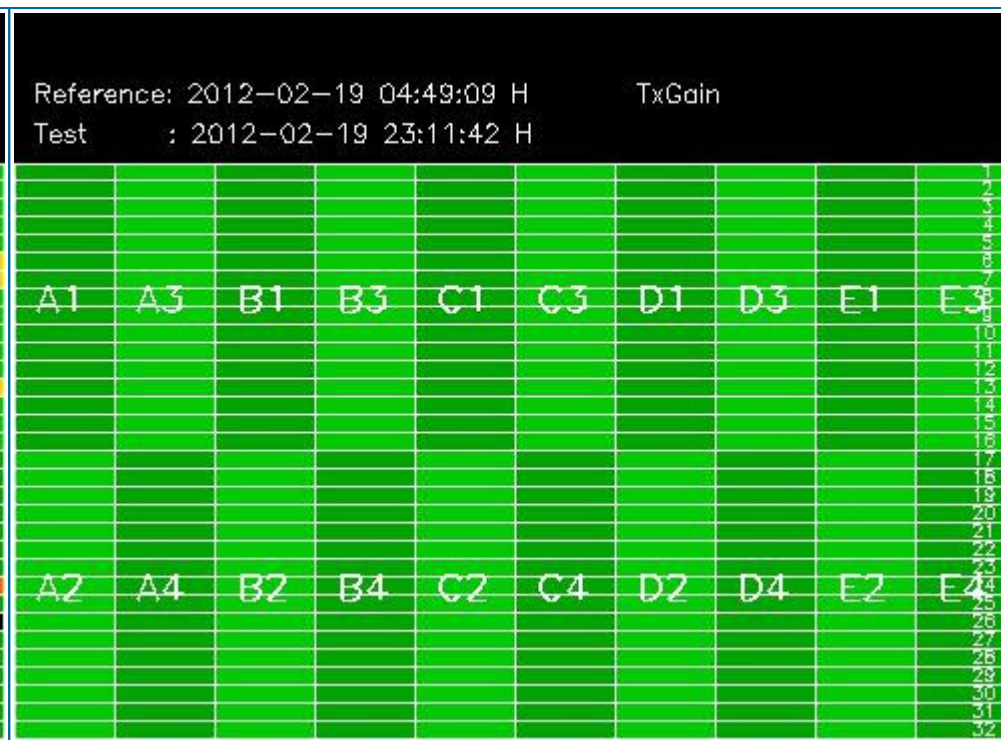
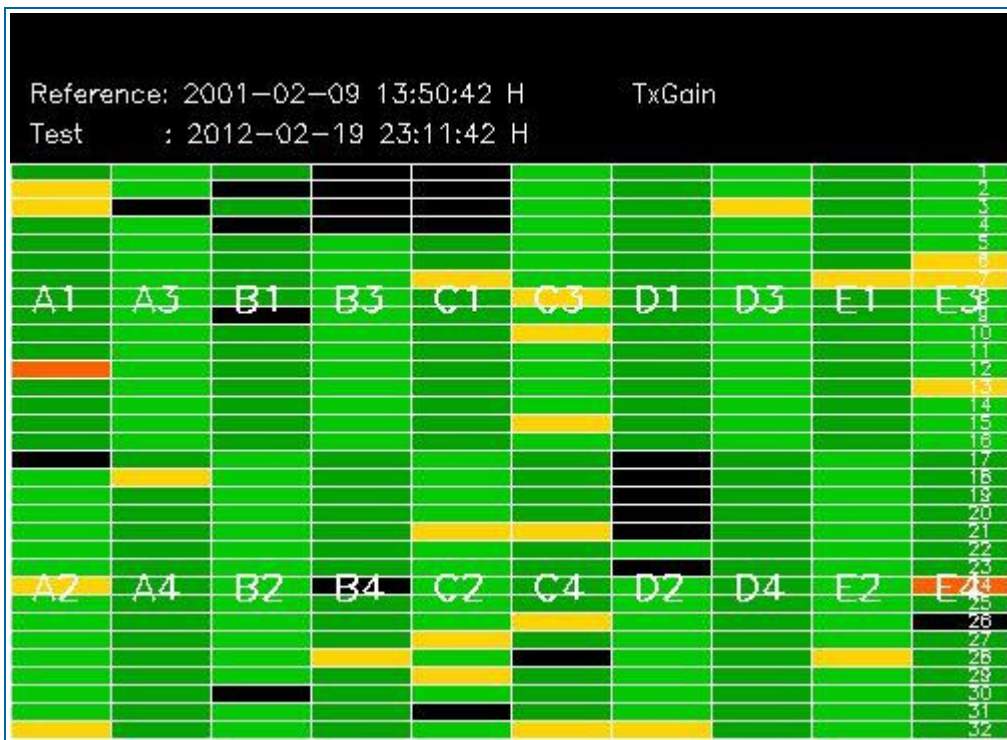
Test : 2012-02-19 23:11:42 H



Reference: 2012-02-19 04:49:09 H RxPhase

Test : 2012-02-19 23:11:42 H





## 4 - CALIBRATION PULSES ANALYSIS

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

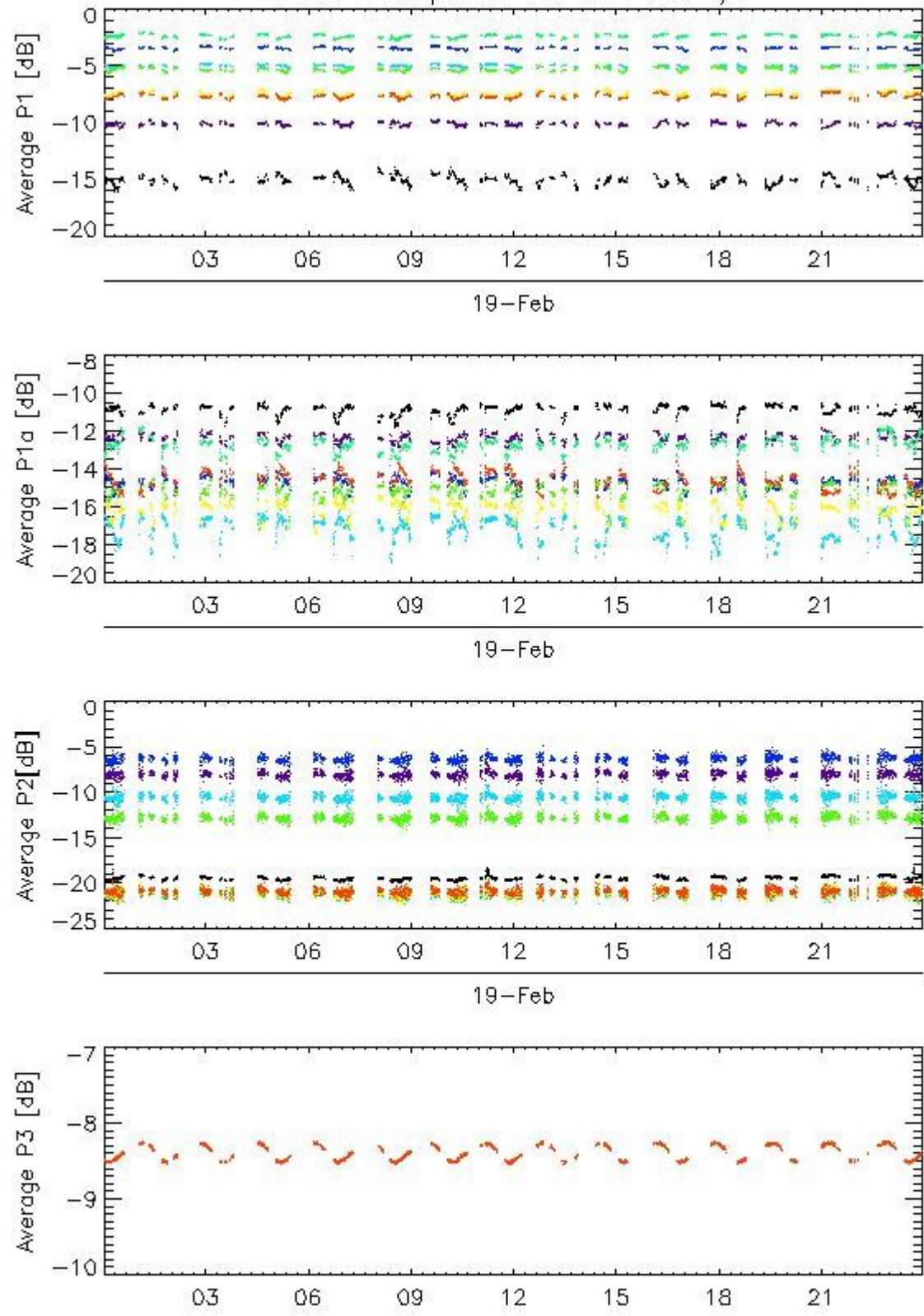
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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

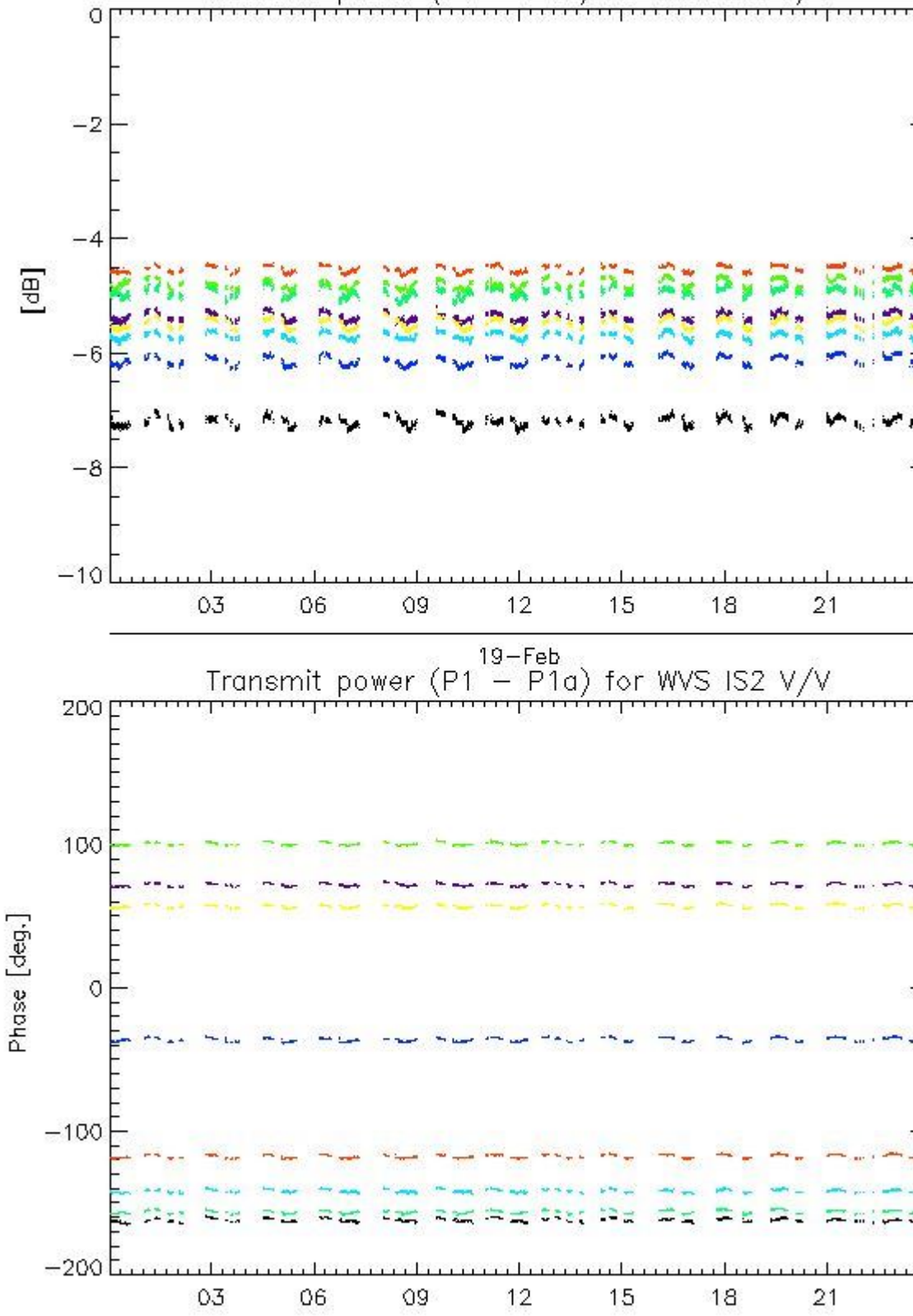
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V



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

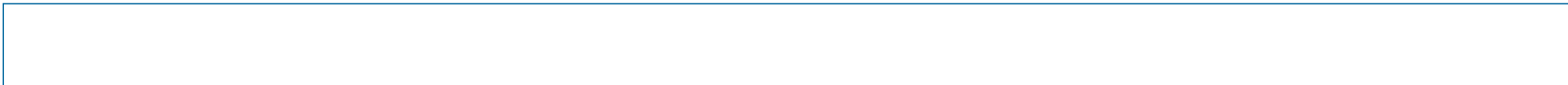
Transmit power (P1 - P1a) for WVS IS2 V/V

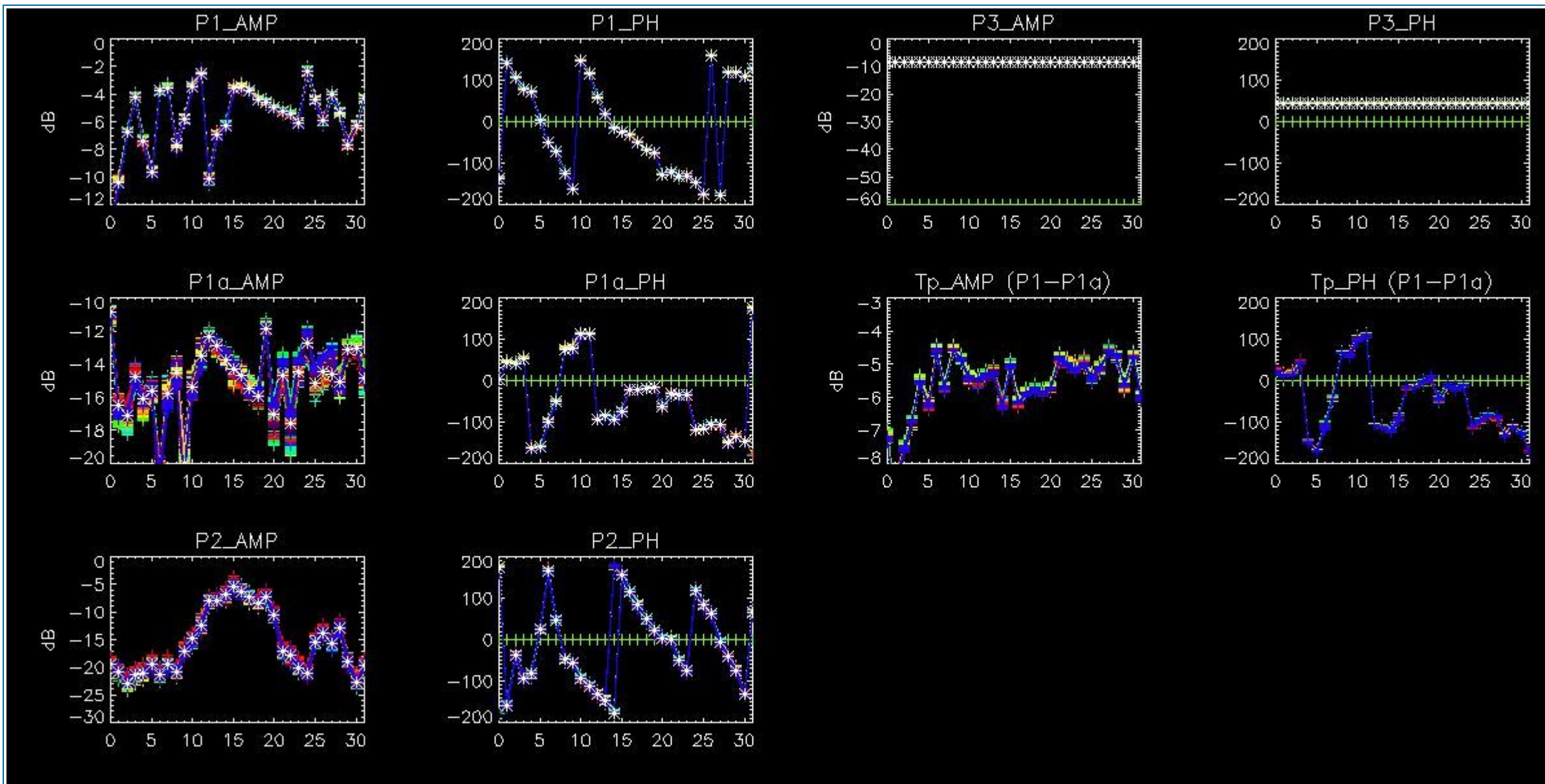


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

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

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## 4.2 - Analysis for GM1 SS3 H/H

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

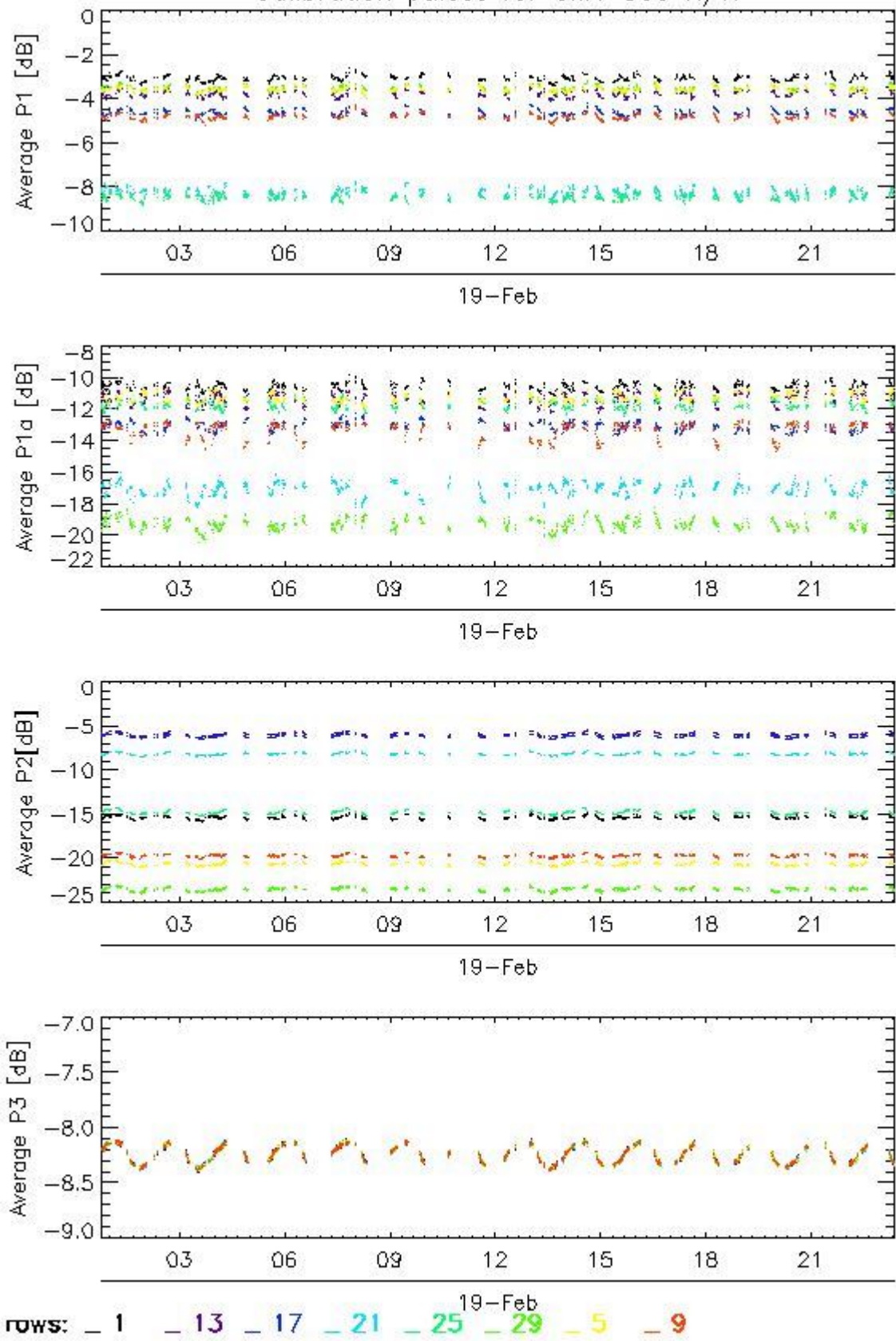
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

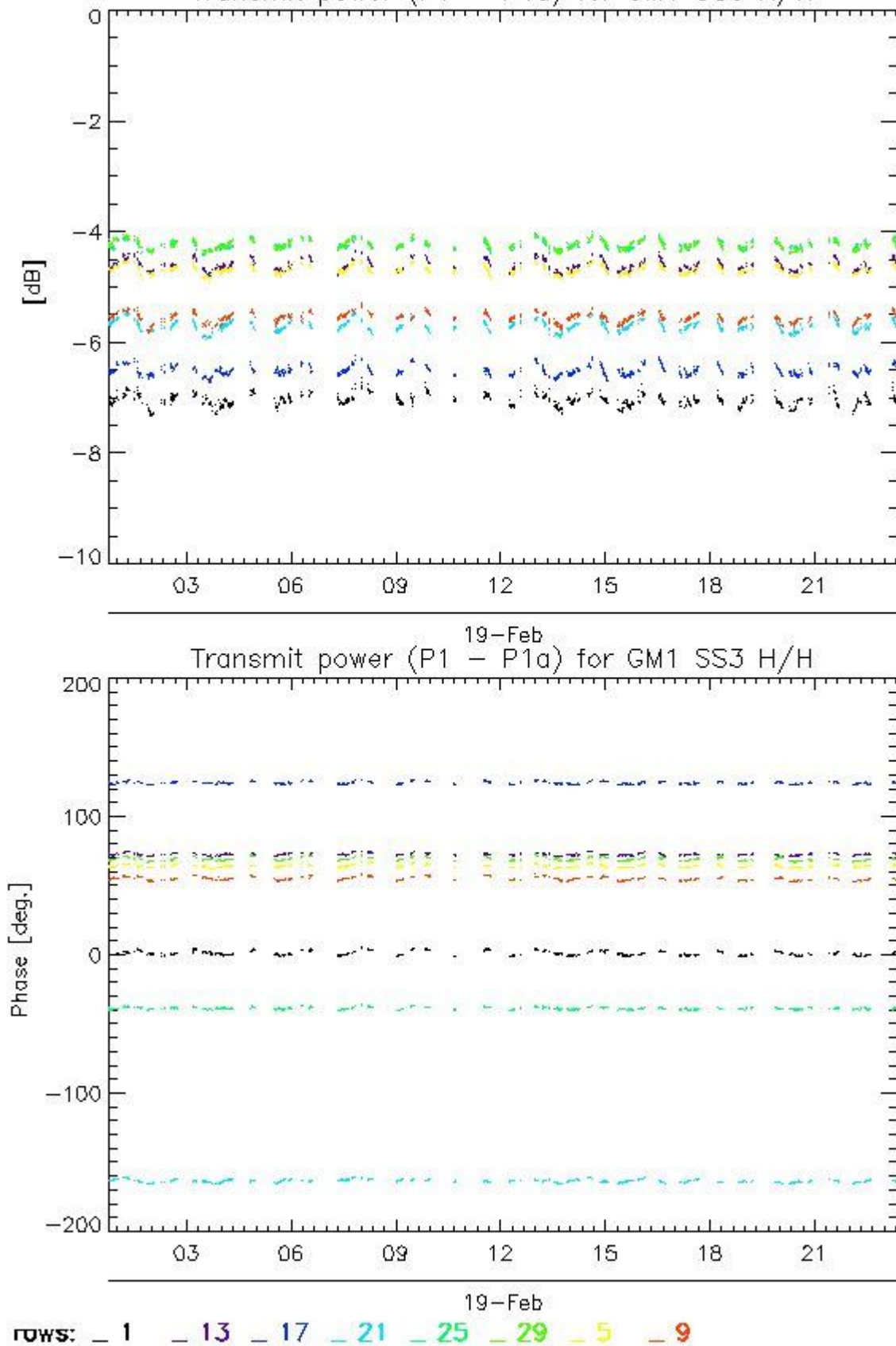
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



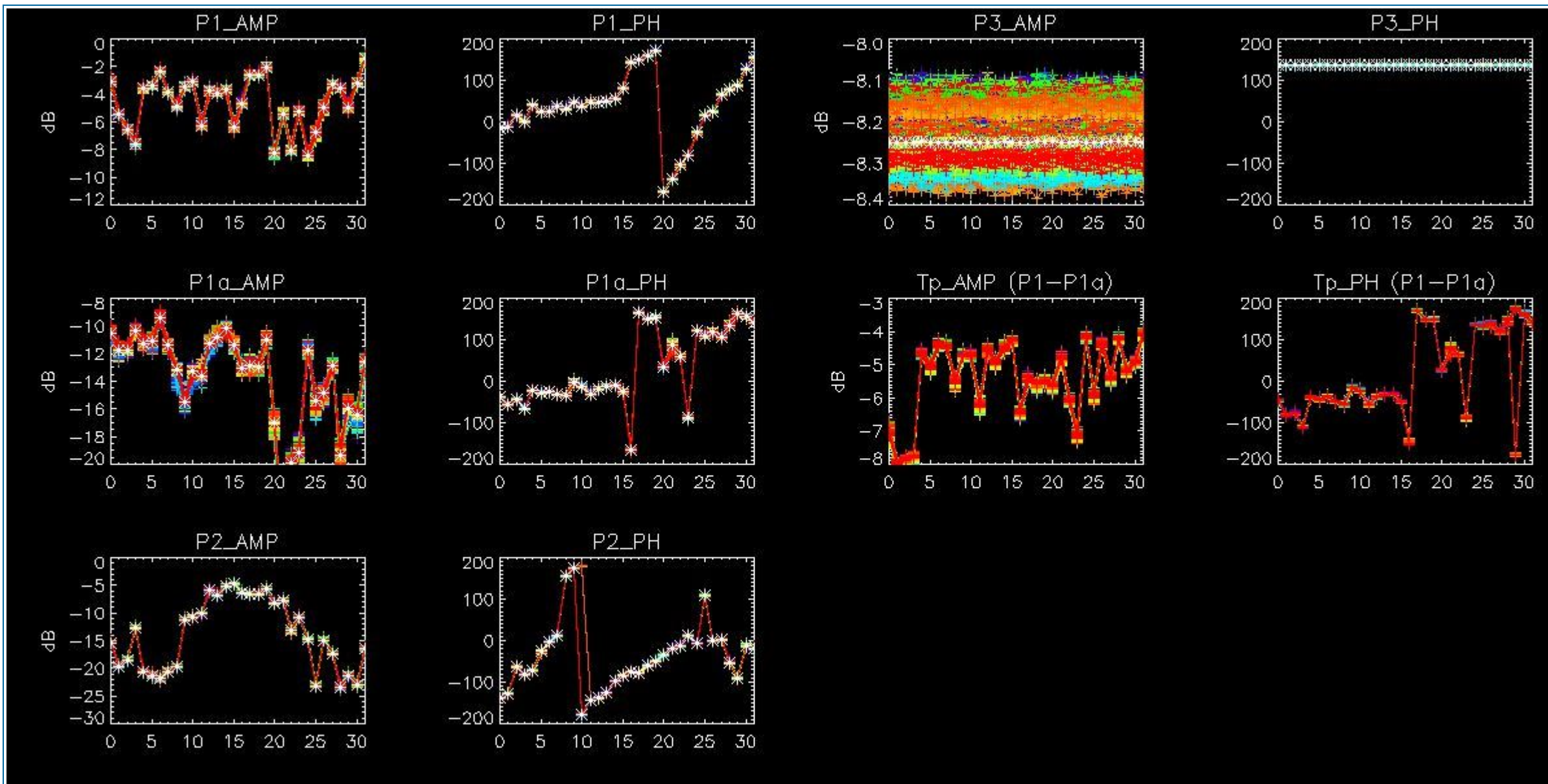
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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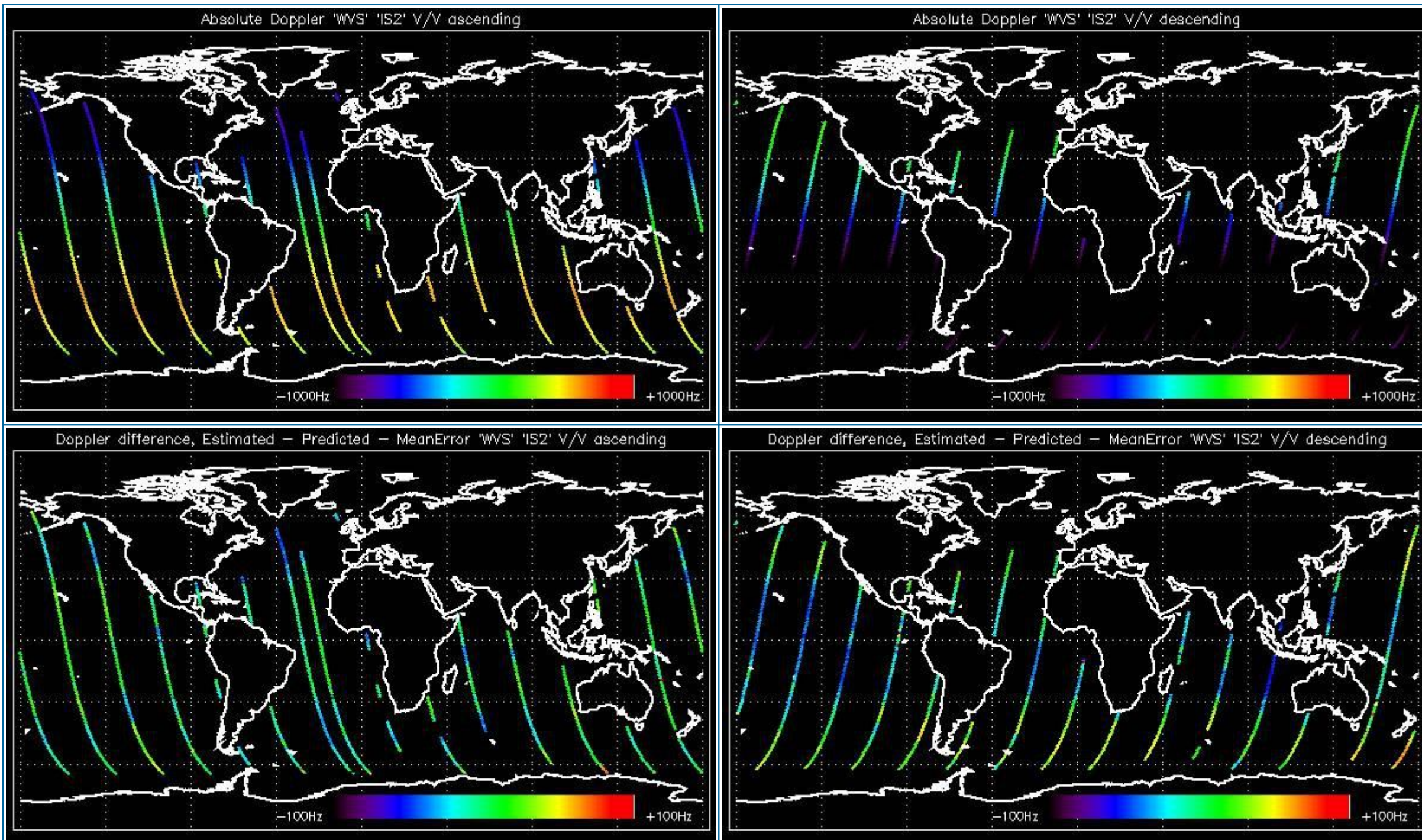
## 5 - DOPPLER ANALYSIS

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

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

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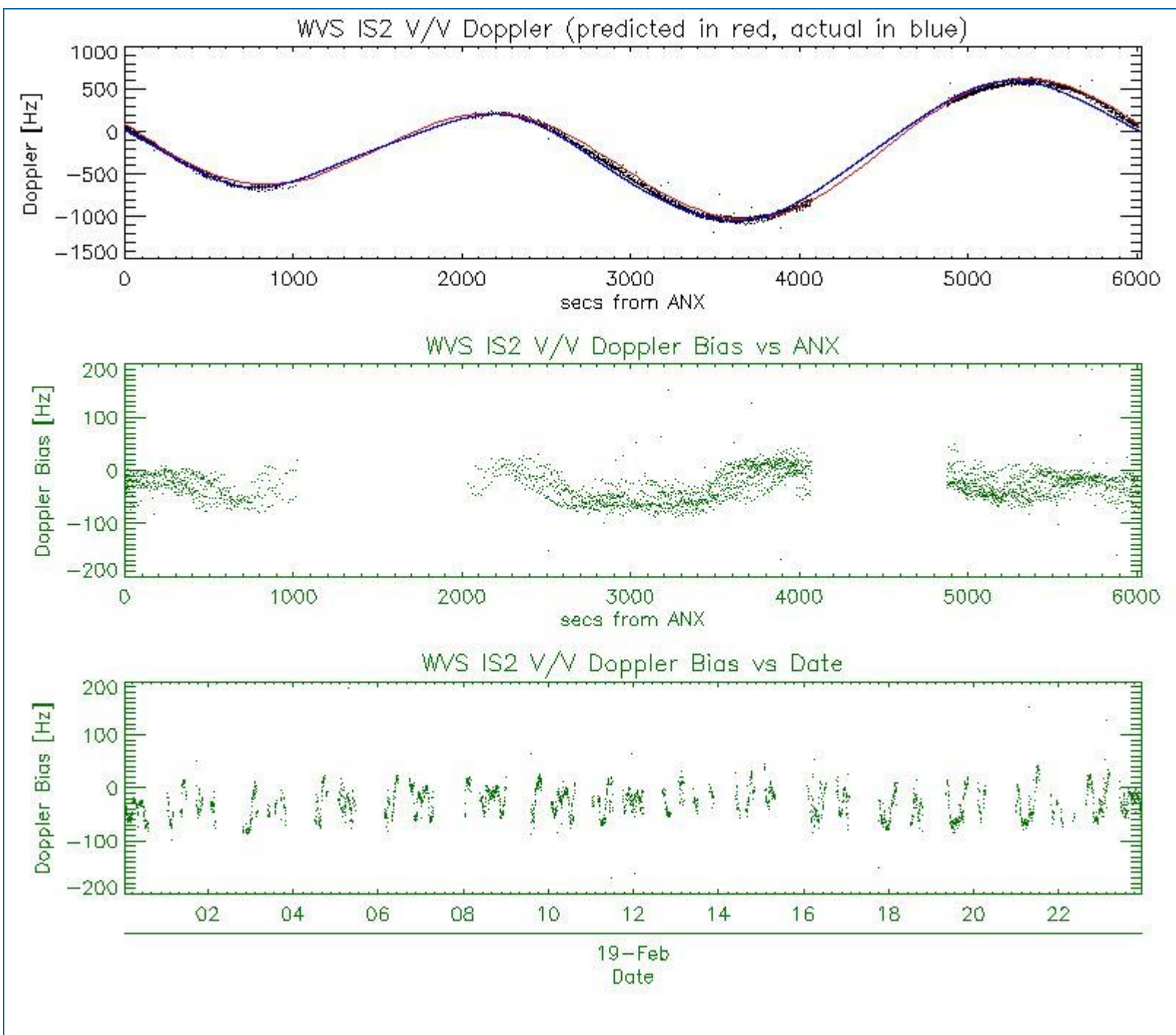




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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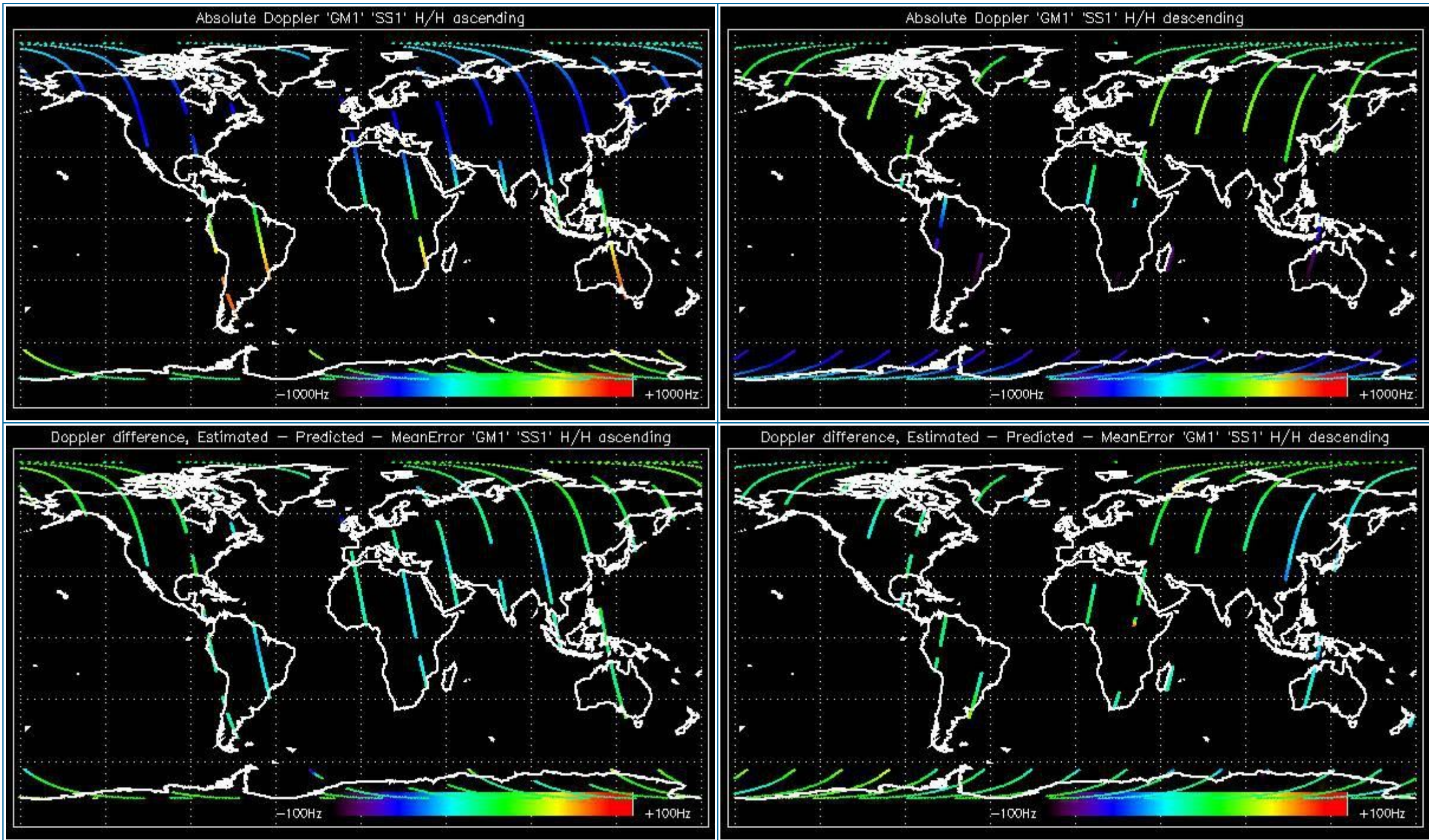


## 5.2 - Analysis for GM1 SS1 H/H

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

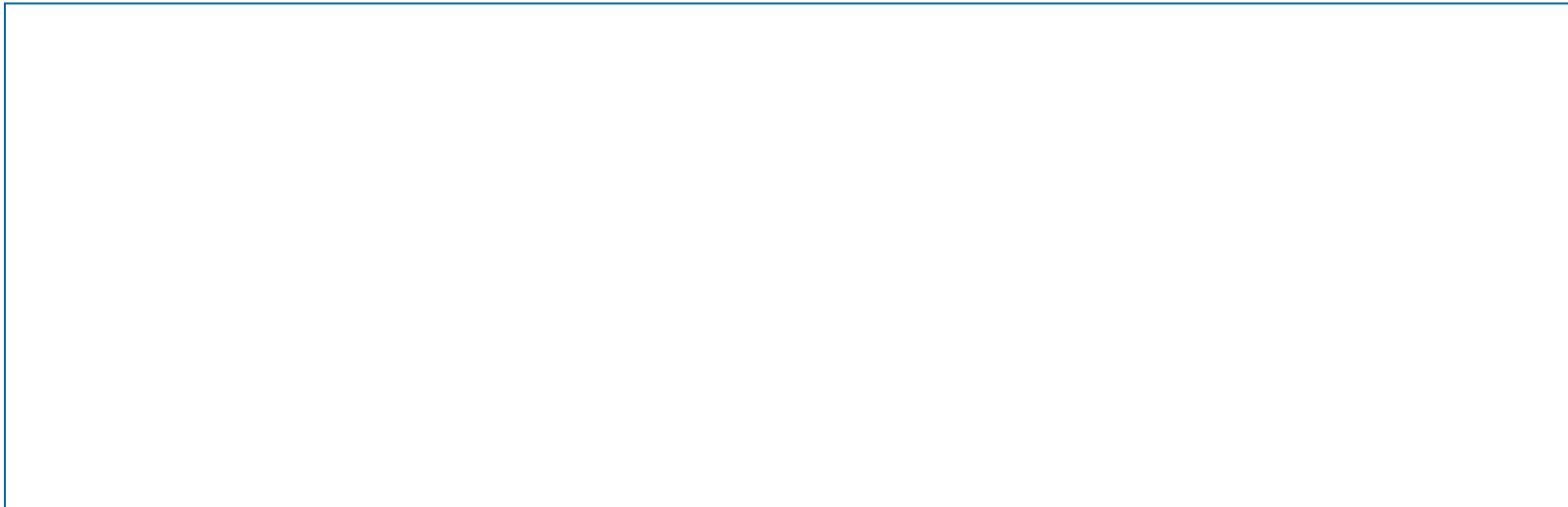
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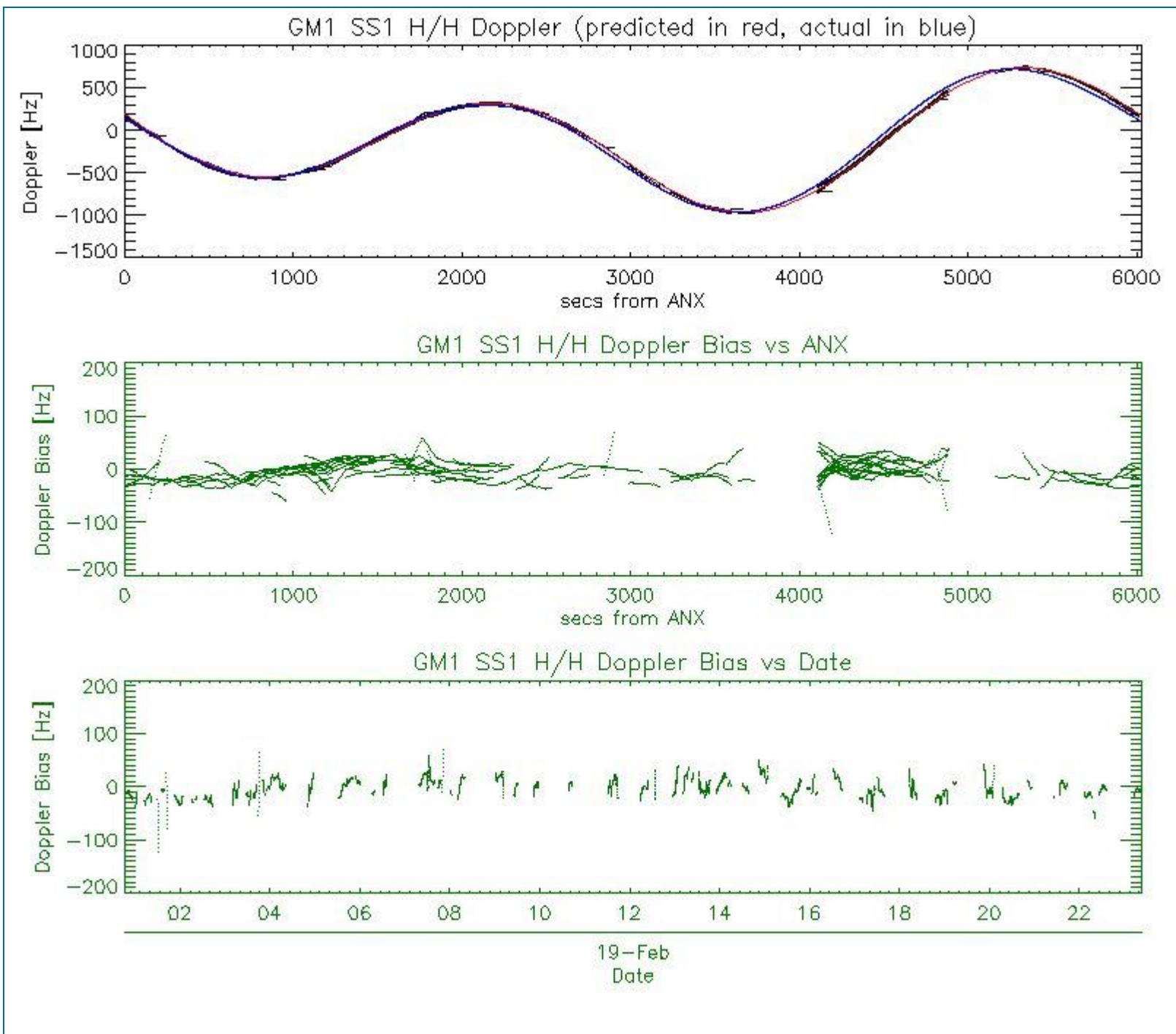




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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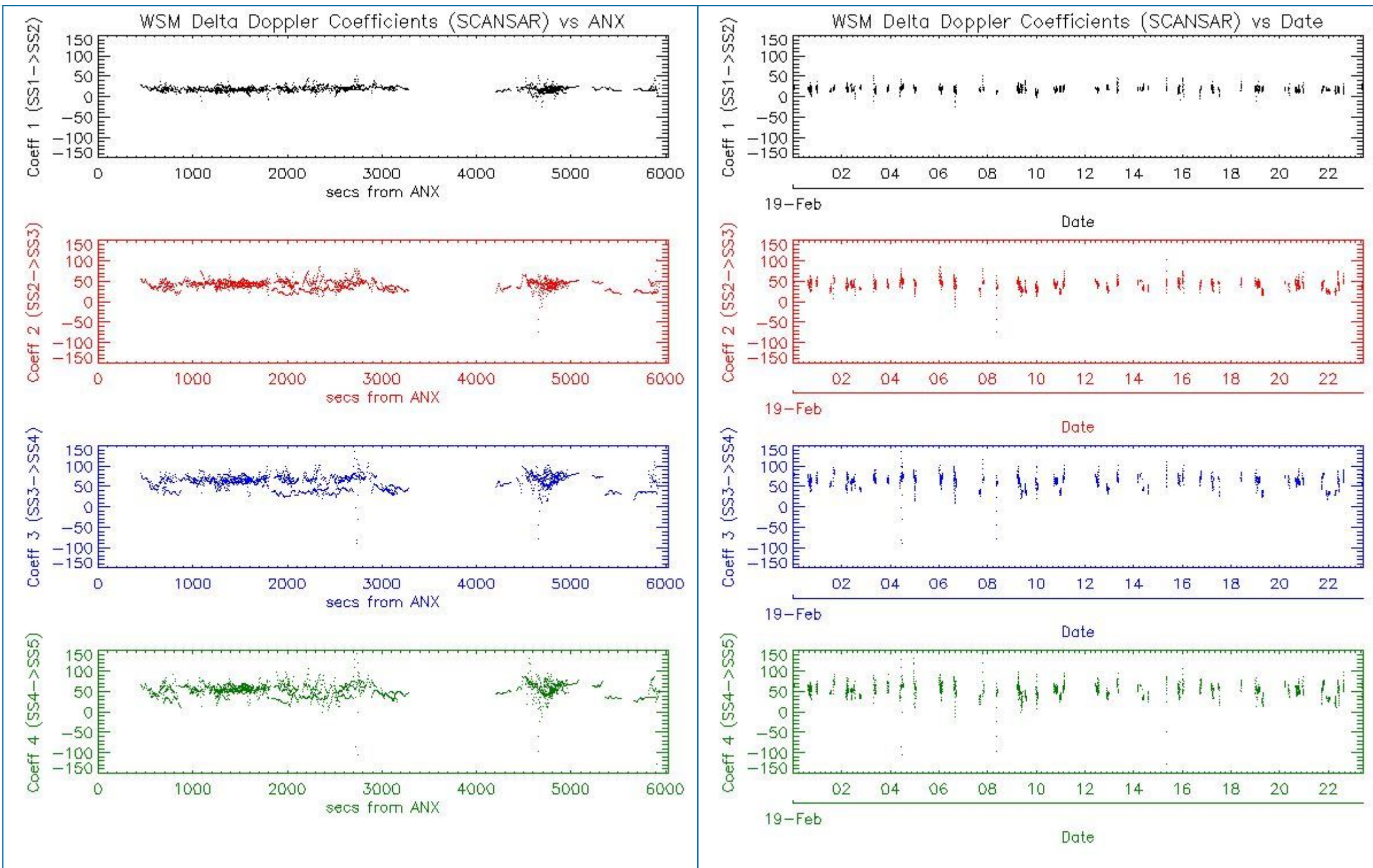




### 5.3 - Doppler JUMPS Analysis for WSM

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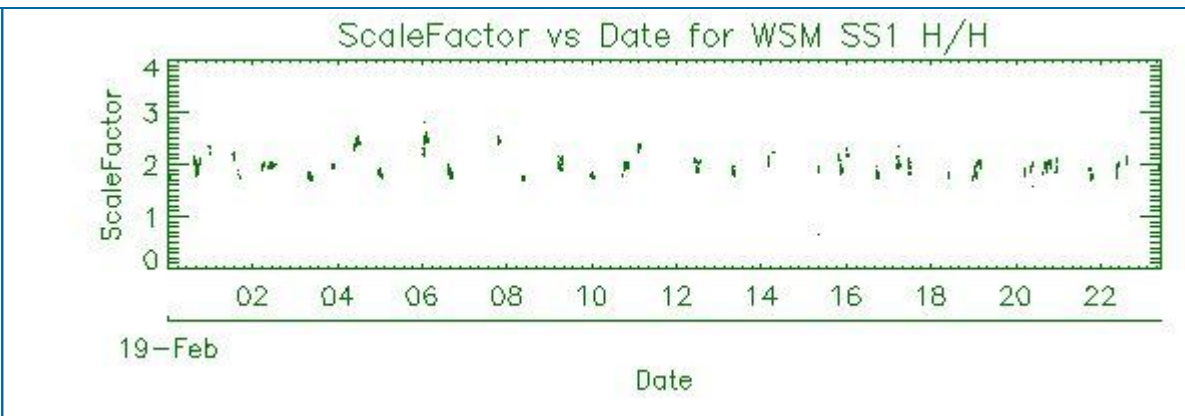
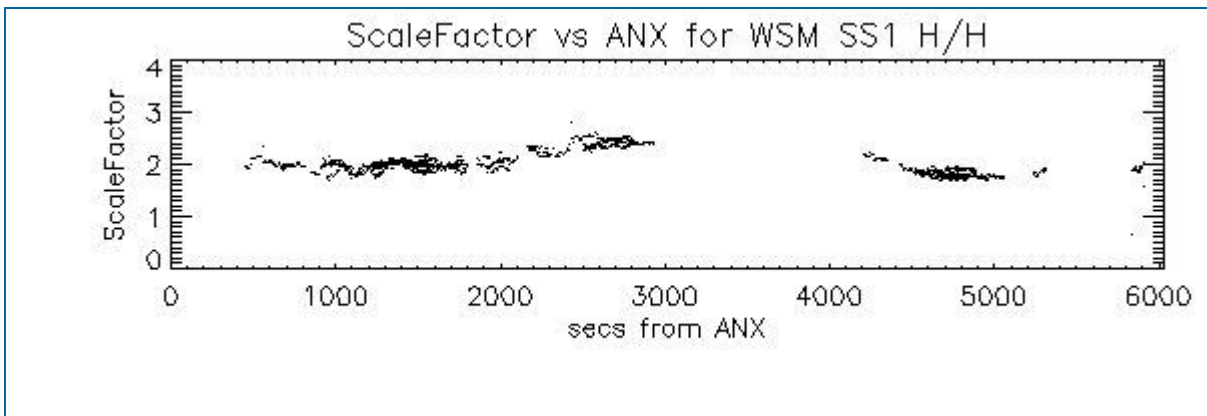
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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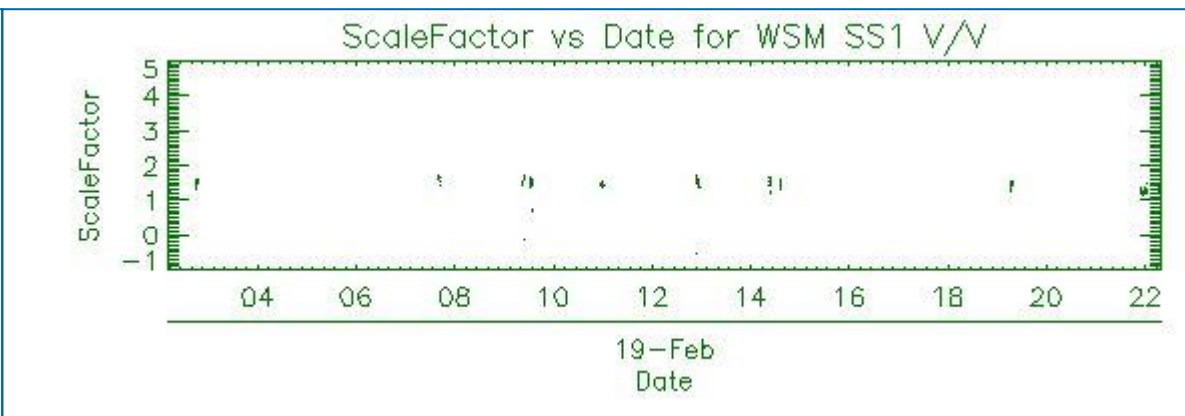
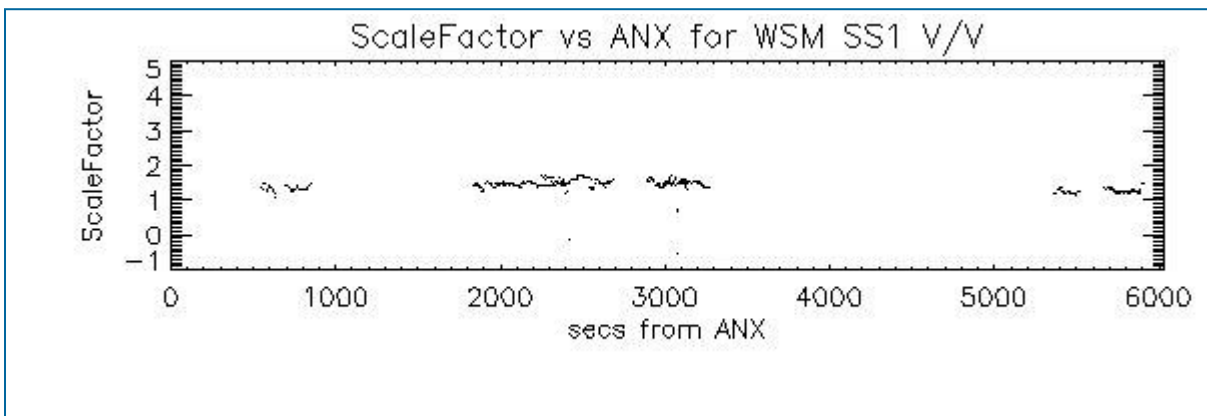




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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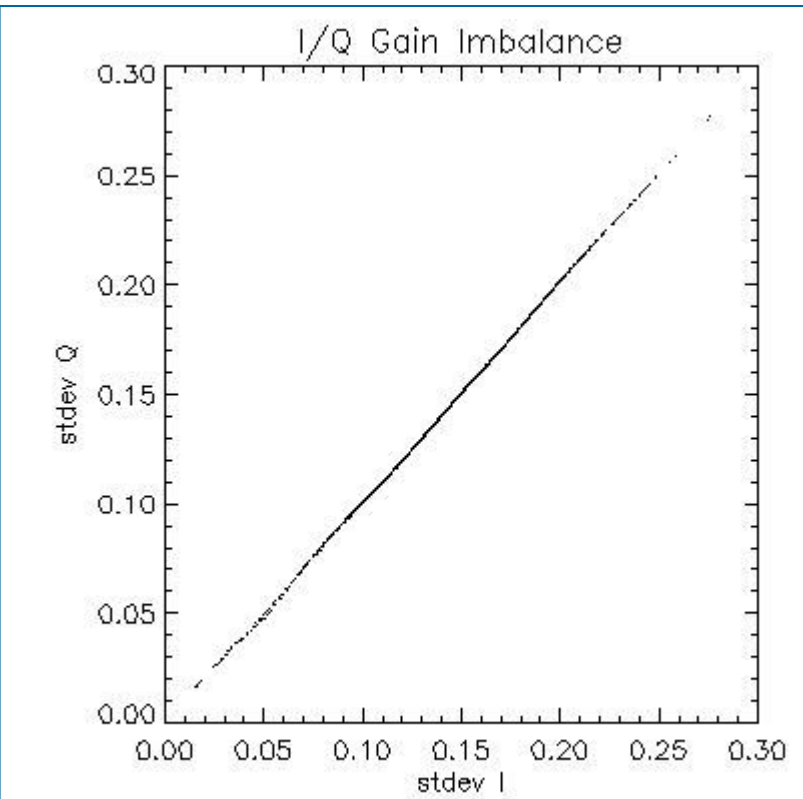
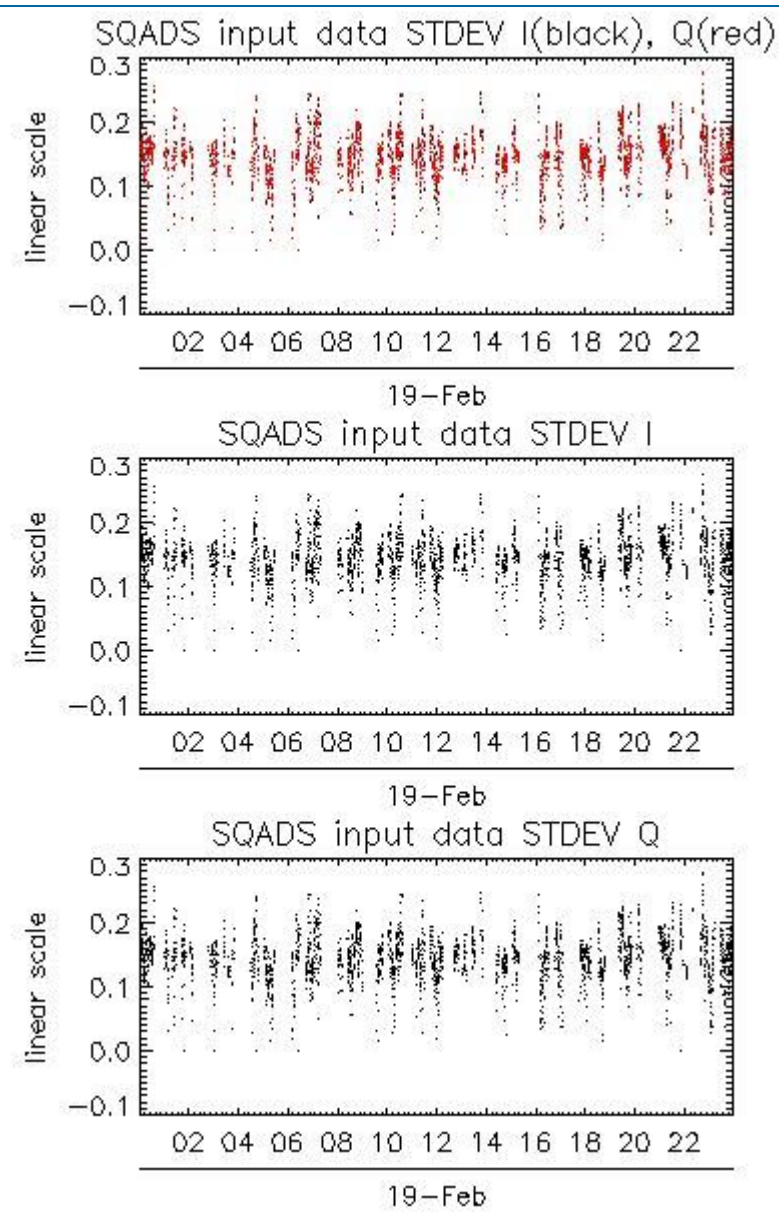
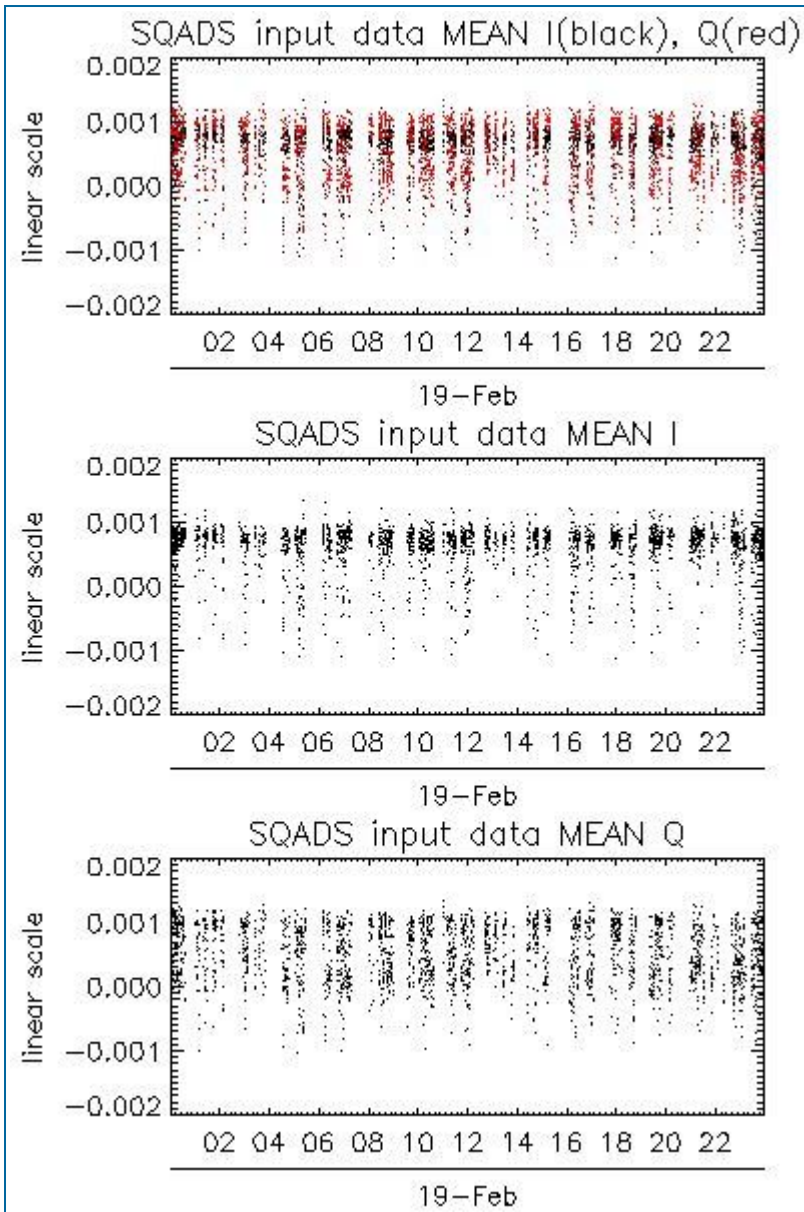
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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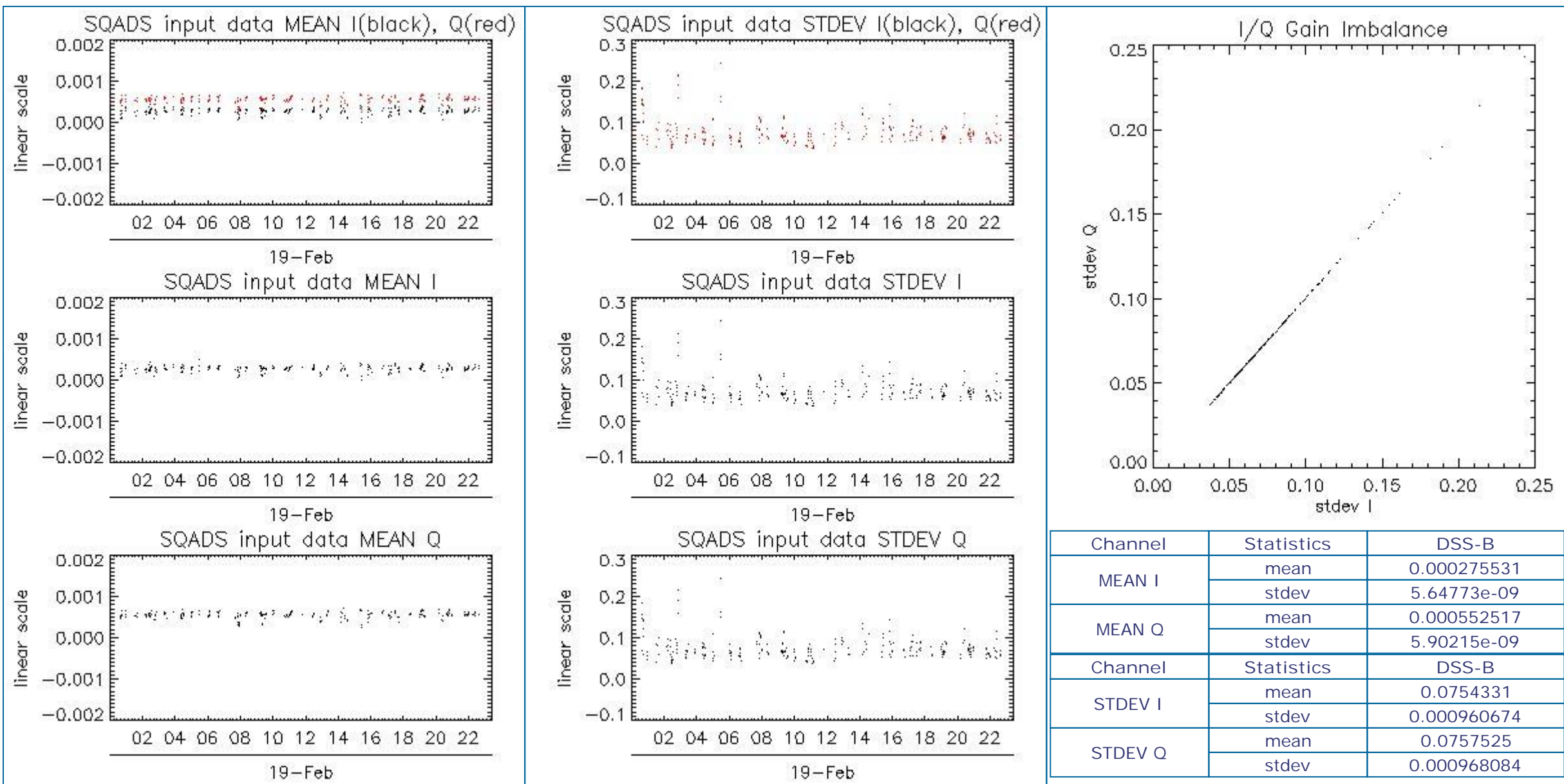


Channel	Statistics	DSS-B
MEAN I	mean	0.000606845
	stdev	1.44395e-07
MEAN Q	mean	0.000518310
	stdev	2.07074e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.144771
	stdev	0.00131307
STDEV Q	mean	0.145291
	stdev	0.00133748

## 7.2 - Analysis for IMM

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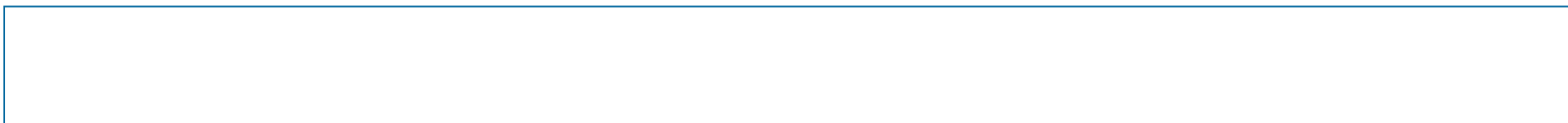


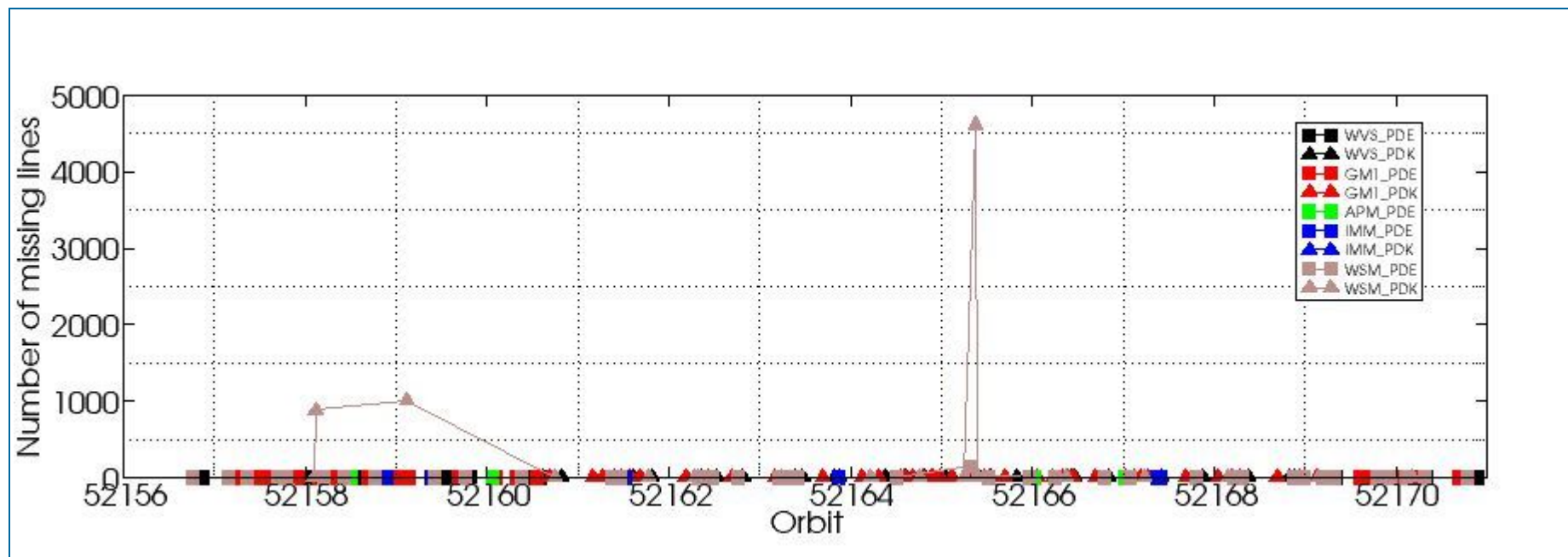
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120219_000251_000003903111_00418_52156_2980.N1	1	0
PDE	ASA_WVS_1PNPDE20120219_010246_000004873111_00419_52157_3009.N1	0	8
PDE	ASA_WVS_1PNPDE20120219_232606_000004803112_00001_52170_3296.N1	1	0
PDK	ASA_WVS_1PNPDK20120219_134712_000003263111_00427_52165_8597.N1	0	8
PDK	ASA_GM1_1PNPDK20120219_184808_000006163111_00430_52168_8680.N1	0	6
PDE	ASA_WSM_1PNPDE20120219_141649_000000363111_00427_52165_3240.N1	0	152
PDK	ASA_WSM_1PNPDK20120219_021303_000001713111_00420_52158_8418.N1	0	882
PDK	ASA_WSM_1PNPDK20120219_035303_000001473111_00421_52159_8433.N1	0	1008
PDK	ASA_WSM_1PNPDK20120219_142129_000000363111_00427_52165_8613.N1	29	4614
PDK	ASA_WSM_1PNPDK20120219_142213_000001223111_00427_52165_8615.N1	0	20

### 8.1 - Number of Missing lines

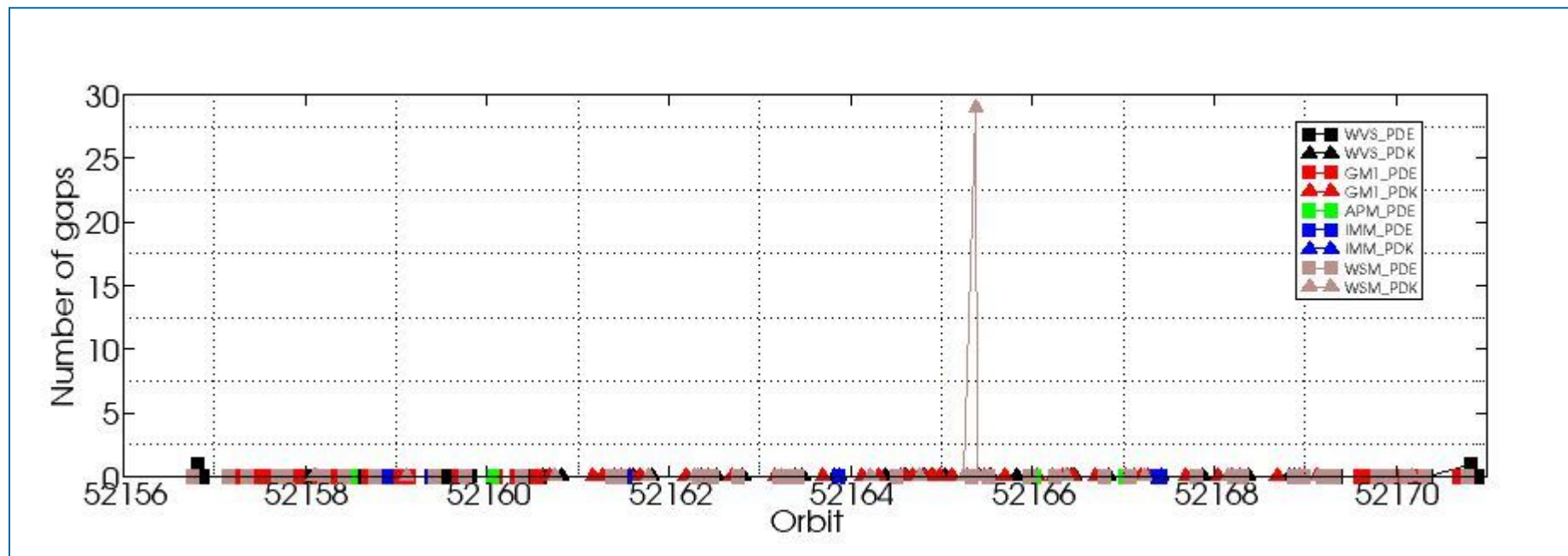
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 120219  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-02-19 00:00:00

Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120219/

DATA SUMMARY  
#####  
Summary will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120219/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120219/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120219/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120219/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120219/AUXILIARY...

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



ADF filter 20120219\*current\_3\_IECF\_ADFs.txt  
 Found list 20120219\_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/\_120219/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120219_000251_000003903111_00418_52156_2980.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_000836_000016643111_00418_52156_3005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_010246_000004873111_00419_52157_3009.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_012143_000004653111_00419_52157_3012.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_014314_000003743111_00419_52157_3014.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_014829_000002403111_00419_52157_3029.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_020352_000003743111_00420_52158_3041.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_024941_000000443111_00420_52158_3040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_025357_000004653111_00420_52158_3044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_030112_000005103111_00420_52158_3070.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_032438_000001503111_00420_52158_3068.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_033400_000001493111_00420_52158_3066.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_034218_000000893111_00421_52159_3073.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_034618_000001943111_00421_52159_3076.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_043123_000007053111_00421_52159_3078.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_044253_000000903111_00421_52159_3108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_044653_000000903111_00421_52159_3109.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_050333_000014693111_00421_52159_3112.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_060833_000004193111_00422_52160_3114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_061950_000002403111_00422_52160_3115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_205859_000015293111_00431_52169_3282.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_212654_000003153111_00431_52169_3271.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_214913_000001493111_00431_52169_3273.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_215043_000001503111_00431_52169_3287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_215642_000000893111_00431_52169_3286.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_220314_000001193111_00431_52169_3288.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_222048_000000453112_00001_52170_3291.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_223837_000019493112_00001_52170_3295.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_232606_000004803112_00001_52170_3296.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120219_233321_000013943112_00001_52170_3310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_062320_000003303111_00422_52160_8452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_064347_000020693111_00422_52160_8455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_080230_000004803111_00423_52161_8491.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_082401_000021593111_00423_52161_8493.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_093522_000009153111_00424_52162_8520.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_100415_000020243111_00424_52162_8522.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_110139_000001493111_00425_52163_8555.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_111011_000012443111_00425_52163_8557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_114438_000002853111_00425_52163_8556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_115053_000013793111_00425_52163_8560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_124108_000006893111_00426_52164_8588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_130433_000003903111_00426_52164_8593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_132451_000003903111_00426_52164_8595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_134712_000003263111_00427_52165_8597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_142416_000003293111_00427_52165_8617.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_143826_000007803111_00427_52165_8620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_150505_000008853111_00427_52165_8623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_160546_000000743111_00428_52166_8647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20120219_160950_000013043111_00428_52166_8654.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_164642_000010943111_00428_52166_8661.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_174559_000015443111_00429_52167_8678.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_183129_000009593111_00429_52167_8694.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_192052_000018743111_00430_52168_8730.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_200547_000003003111_00430_52168_8732.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120219_201312_000001953111_00430_52168_8736.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_GM1.txt...

```
ASA_GM1_1PNPDE20120219_004627_000006283111_00419_52157_3006.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_010025_000001383111_00419_52157_3007.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_011134_000001873111_00419_52157_3008.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_011543_000003563111_00419_52157_3010.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_013014_000000843111_00419_52157_3011.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_013440_000003203111_00419_52157_3013.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_014143_000000843111_00419_52157_3015.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_015319_000006283111_00419_52157_3030.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_021601_000000783111_00420_52158_3043.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_022050_000001023111_00420_52158_3042.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_023217_000007193111_00420_52158_3039.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_031025_000005193111_00420_52158_3071.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_032756_000002113111_00420_52158_3069.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_033232_000000783111_00420_52158_3067.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_033713_000003023111_00420_52158_3075.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_034438_000000963111_00421_52159_3074.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_035009_000001693111_00421_52159_3072.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_035606_000014563111_00421_52159_3077.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_045040_000004223111_00421_52159_3110.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_053153_000011543111_00422_52160_3111.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_055453_000003623111_00422_52160_3113.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120219_213300_000006283111_00431_52169_3272.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_220603_000006043112_00001_52170_3289.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_221914_000000843112_00001_52170_3290.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_222626_000005793112_00001_52170_3294.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120219_231316_000005923112_00001_52170_3297.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_063055_000003083111_00422_52160_8453.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_071859_000007433111_00423_52161_8454.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_073017_000005863111_00423_52161_8487.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_074324_000002893111_00423_52161_8488.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_075001_000000663111_00423_52161_8489.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_080011_000001323111_00423_52161_8490.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_081108_000005373111_00423_52161_8492.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_090038_000006653111_00424_52162_8494.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_091037_000000603111_00424_52162_8518.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_092546_000003143111_00424_52162_8519.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_095123_000004343111_00424_52162_8521.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_103845_000002953111_00425_52163_8526.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_113137_000007793111_00425_52163_8558.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_121443_000006283111_00426_52164_8559.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_123316_000000843111_00426_52164_8586.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_125810_000002713111_00426_52164_8587.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_130246_000001023111_00426_52164_8589.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_131149_000004043111_00426_52164_8590.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_132233_000001323111_00426_52164_8592.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_133209_000001023111_00426_52164_8591.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_133401_000003503111_00426_52164_8594.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_134051_000003803111_00426_52164_8596.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_135459_000008223111_00427_52165_8598.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120219_141122_000002473111_00427_52165_8616.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_143028_000002593111_00427_52165_8618.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_143627_000001143111_00427_52165_8619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_145205_000007793111_00427_52165_8621.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_152208_000002713111_00427_52165_8622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_152809_000011303111_00428_52166_8624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_154548_000001573111_00428_52166_8645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_155646_000001933111_00428_52166_8646.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_160239_000001873111_00428_52166_8648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_160750_000001143111_00428_52166_8649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_163219_000006283111_00428_52166_8655.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_170721_000002473111_00429_52167_8658.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_171631_000004413111_00429_52167_8660.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_172245_000002953111_00429_52167_8676.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_173111_000005613111_00429_52167_8677.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_181233_000006653111_00429_52167_8679.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_184808_000006163111_00430_52168_8680.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_185829_000008843111_00430_52168_8687.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_190237_000001203111_00430_52168_8723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_191149_000001813111_00430_52168_8729.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_195246_000007793111_00430_52168_8733.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_201709_000002713111_00430_52168_8731.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_202413_000005553111_00430_52168_8734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120219_203618_000001443111_00431_52169_8737.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20120219_024732_000001233111_00420_52158_3027.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120219_025205_000001063111_00420_52158_3028.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120219_052836_000001773111_00422_52160_3106.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120219_152637_000000703111_00428_52166_3243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120219_170533_000000873111_00429_52167_3246.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20120219_033128_000000523111_00420_52158_3063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_042023_000001423111_00421_52159_3064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_075110_000000833111_00423_52161_3152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_075249_000000383111_00423_52161_3153.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_075410_000003533111_00423_52161_3154.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_114955_000000523111_00425_52163_3224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_174034_000002233111_00429_52167_3252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_174422_000000423111_00429_52167_3254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_174515_000000353111_00429_52167_3253.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120219_202325_000000373111_00430_52168_3261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120219_091830_000001033111_00424_52162_8505.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_120219/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20120219_003709_000005513111_00419_52157_3023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
--	--

ASA_WSM_1PNPDE20120219_005745_000001593111_00419_52157_3024.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_013149_000001653111_00419_52157_3003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_014002_000000983111_00419_52157_3022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3031.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3032.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_024421_000001593111_00420_52158_3026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_031906_000003303111_00420_52158_3062.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_042355_000004473111_00421_52159_3065.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_045743_000003303111_00421_52159_3105.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_060057_000004593111_00422_52160_3107.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_074004_000000923111_00423_52161_3149.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_074817_000000983111_00423_52161_3151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_091542_000001533111_00424_52162_3174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_092139_000002453111_00424_52162_3179.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_093102_000002513111_00424_52162_3180.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_095844_000002753111_00424_52162_3209.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_104344_000001353111_00425_52163_3210.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_105746_000002323111_00425_52163_3205.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_110449_000003123111_00425_52163_3207.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_125313_000002943111_00426_52164_3232.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_141649_000000363111_00427_52165_3240.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_143449_000000923111_00427_52165_3241.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_152035_000000923111_00427_52165_3242.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_154828_000003303111_00428_52166_3245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_164311_000002143111_00428_52166_3244.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_171132_000002943111_00429_52167_3247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_182342_000001533111_00429_52167_3251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_190641_000003063111_00430_52168_3255.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_191455_000002513111_00430_52168_3258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_201129_000001043111_00430_52168_3259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_202146_000000923111_00430_52168_3260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_204408_000003923111_00431_52169_3292.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_205628_000001533111_00431_52169_3293.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_214336_000003363111_00431_52169_3279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_215351_000001713111_00431_52169_3281.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_215856_000002513111_00431_52169_3283.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_221609_000001843112_00001_52170_3284.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_223606_000001533112_00001_52170_3304.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120219_232310_000001533112_00001_52170_3285.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_021056_000001163111_00420_52158_8417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_021303_000001713111_00420_52158_8418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_035303_000001473111_00421_52159_8433.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_063609_000004343111_00422_52160_8467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_082011_000002143111_00423_52161_8496.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_091147_000000923111_00424_52162_8495.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_091346_000002693111_00424_52162_8504.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_104629_000003673111_00425_52163_8536.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_122523_000004713111_00426_52164_8569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_131837_000002393111_00426_52164_8605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_140845_000001533111_00427_52165_8606.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_142129_000000363111_00427_52165_8613.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_142213_000001223111_00427_52165_8615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_160001_000001533111_00428_52166_8659.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_172743_000001903111_00429_52167_8669.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_190000_000001533111_00430_52168_8693.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_190444_000001533111_00430_52168_8695.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_203846_000002693111_00431_52169_8743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120219_222242_000002203112_00001_52170_8757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

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MODULE STEPPING ANALYSIS

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Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120219/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120219/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_120219/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_120219/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/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDE20120219\_231142\_000000163112\_00001\_52170\_0471.N1  
H  
H  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20120219\_231142-20010209\_135042.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20120219\_231142-20010209\_135042.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20120219\_231142-20010209\_135042.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20120219\_231142-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20120219\_062923\_000000163111\_00422\_52160\_1039.N1  
V  
V  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20120219\_062923-20010209\_140823.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20120219\_062923-20010209\_140823.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20120219\_062923-20010209\_140823.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20120219\_062923-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDE20120219\_044909\_000000163111\_00421\_52159\_0470.N1  
Test product: ASA\_MS\_\_0PNPDE20120219\_231142\_000000163112\_00001\_52170\_0471.N1  
H  
H  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20120219\_231142-20120219\_044909.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20120219\_231142-20120219\_044909.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20120219\_231142-20120219\_044909.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20120219\_231142-20120219\_044909.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20120218\_070608\_000000163111\_00408\_52146\_1038.N1  
Test product: ASA\_MS\_\_0PNPDK20120219\_062923\_000000163111\_00422\_52160\_1039.N1  
V  
V  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20120219\_062923-20120218\_070608.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20120219\_062923-20120218\_070608.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20120219\_062923-20120218\_070608.png  
../../RESULTS/DAILY/\_120219/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20120219\_062923-20120218\_070608.png

MODULE\_STEPPING ANALYSIS completed  
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#####  
Creating directory ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

Analysing products WVS IS2 V/V  
1 80416 7 80416  
Writing image ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
1 37376 7 37376  
Writing image ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-19\_1.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-19\_2.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-19\_3.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-02-19\_4.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_120219//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 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-19\_1.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-19\_2.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-19\_3.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-19 00:00:00 to 2012-02-19 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120219/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-02-19\_4.dat...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_120219//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

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DOPPLER ANALYSIS

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Creating directory ./RESULTS/DAILY/\_120219/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...

Writing file ./RESULTS/DAILY/\_120219/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-02-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120219/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...

Writing file ./RESULTS/DAILY/\_120219/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-02-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120219/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...

Writing file ./RESULTS/DAILY/\_120219/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-02-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120219/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_120219/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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DOPPLER MAP Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

Analysing products WVS IS2 V/V

mysql -h172.26.16.25 -ucbts\_WV -pcbts\_WV -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='WVS' AND Beam='IS2' AND Pol='V/V' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2012-02-19 00:00:00' AND '2012-02-19 23:59:59' AND (ANX BETWEEN '1500' AND '4500' );" cbtns\_WV

```
1
132
1      132      7      132
1      131      7      131
1183
```

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -28.425627 Hz

Writing file ../../RESULTS/DAILY/\_120219//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_120219//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

mysql -h172.26.16.25 -ucbts\_WV -pcbts\_WV -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='WVS' AND Beam='IS2' AND Pol='V/V' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2012-02-19 00:00:00' AND '2012-02-19 23:59:59' AND ((ANX BETWEEN '0' AND '1500' ) or (ANX BETWEEN '4500' AND '6500' ));" cbtns\_WV



```

132
  1      132      7      132
  1      131      7      131
1332

```

```

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -28.078908 Hz
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

```

\*\*\*\*\*

```

Analysing products GM1 SS1 H/H
mysql -h172.26.16.25 -ucbts_GM -pcbts_GM -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='GM1' AND Beam='SS1' AND Pol='H/H' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2012-02-19 00:00:00' AND '2012-02-19 23:59:59' AND (ANX BETWEEN '1500' AND '4500' );" cbtns_GM

```

```

  1
 128
  1      128      7      128
  1      127      7      127
2296

```

```

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -0.25753772 Hz
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

```

\*\*\*\*\*

```

mysql -h172.26.16.25 -ucbts_GM -pcbts_GM -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='GM1' AND Beam='SS1' AND Pol='H/H' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2012-02-19 00:00:00' AND '2012-02-19 23:59:59' AND ((ANX BETWEEN '0' AND '1500' ) or (ANX BETWEEN '4500' AND '6500' ));" cbtns_GM

```

```

  1
 182
  1      182      7      182
  1      181      7      181
2469

```

```

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -5.9810215 Hz
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120219//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

```

\*\*\*\*\*

```

DOPPLER ANALYSIS completed
#####

```

```

CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120219/CHIRP...

```

```

*****
*****
CHIRP Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59

```

Analysing products WSM SS1 H/H

```
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...
Writing file ./RESULTS/DAILY/_120219/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-02-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120219/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120219/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...
Writing file ./RESULTS/DAILY/_120219/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-02-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120219/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120219/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120219/RAW_DATA
```

Creating directory ./RESULTS/DAILY/\_120219/RAW\_DATA...

```
*****
Getting raw data for WVS from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...
Writing file ./RESULTS/DAILY/_120219/RAW_DATA/Raw_data_WVS_2012-02-19.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2012-02-19 00:00:00 to 2012-02-19 23:59:59...
Writing file ./RESULTS/DAILY/_120219/RAW_DATA/Raw_data_IMM_2012-02-19.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120219/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2012-02-19 00:00:00 to 2012-02-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120219/TELEMETRY
```

Creating directory ./RESULTS/DAILY/\_120219/TELEMETRY...

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

```
*****
Checking 30 products from PDE...
Found product...ASA_WVS_1PNPDE20120219_000251_000003903111_00418_52156_2980.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120219_010246_000004873111_00419_52157_3009.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120219_232606_000004803112_00001_52170_3296.N1 / 1 gaps / 0 missing lines
```

Checking 25 products from PDK...  
Found product...ASA\_WVS\_1PNPDK20120219\_134712\_000003263111\_00427\_52165\_8597.N1 / 0 gaps / 8 missing lines

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

\*\*\*\*\*

Checking 29 products from PDE...  
Checking 47 products from PDK...  
Found product...ASA\_GM1\_1PNPDK20120219\_184808\_000006163111\_00430\_52168\_8680.N1 / 0 gaps / 6 missing lines

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

\*\*\*\*\*

Checking 5 products from PDE...  
No products from PDK...

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

\*\*\*\*\*

Checking 10 products from PDE...  
Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 41 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20120219\_141649\_00000363111\_00427\_52165\_3240.N1 / 0 gaps / 152 missing lines  
Checking 19 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20120219\_021303\_000001713111\_00420\_52158\_8418.N1 / 0 gaps / 882 missing lines  
Found product...ASA\_WSM\_1PNPDK20120219\_035303\_000001473111\_00421\_52159\_8433.N1 / 0 gaps / 1008 missing lines  
Found product...ASA\_WSM\_1PNPDK20120219\_142129\_00000363111\_00427\_52165\_8613.N1 / 29 gaps / 4614 missing lines  
Found product...ASA\_WSM\_1PNPDK20120219\_142213\_000001223111\_00427\_52165\_8615.N1 / 0 gaps / 20 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_120219/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_120219/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_120219/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_1PNPDE20120219_024732_000001233111_00420_52158_3027.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120219_025205_000001063111_00420_52158_3028.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120219_052836_000001773111_00422_52160_3106.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120219_152637_000000703111_00428_52166_3243.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120219_170533_000000873111_00429_52167_3246.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_1PNPDE20120219_004627_000006283111_00419_52157_3006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_010025_000001383111_00419_52157_3007.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_011134_000001873111_00419_52157_3008.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_011543_000003563111_00419_52157_3010.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_013014_000000843111_00419_52157_3011.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_013440_000003203111_00419_52157_3013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_014143_000000843111_00419_52157_3015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_015319_000006283111_00419_52157_3030.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_021601_000000783111_00420_52158_3043.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_022050_000001023111_00420_52158_3042.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_023217_000007193111_00420_52158_3039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_031025_000005193111_00420_52158_3071.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_032756_000002113111_00420_52158_3069.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_033232_000000783111_00420_52158_3067.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_033713_000003023111_00420_52158_3075.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_034438_000000963111_00421_52159_3074.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_035009_000001693111_00421_52159_3072.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_035606_000014563111_00421_52159_3077.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_045040_000004223111_00421_52159_3110.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_053153_000011543111_00422_52160_3111.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_055453_000003623111_00422_52160_3113.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_061623_000002053111_00422_52160_3116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_205044_000003383111_00431_52169_3268.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_212509_000000963111_00431_52169_3270.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_213300_000006283111_00431_52169_3272.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_220603_000006043112_00001_52170_3289.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_221914_000000843112_00001_52170_3290.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_222626_000005793112_00001_52170_3294.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120219_231316_000005923112_00001_52170_3297.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_063055_000003083111_00422_52160_8453.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_071859_000007433111_00423_52161_8454.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_073017_000005863111_00423_52161_8487.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_074324_000002893111_00423_52161_8488.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_075001_000000663111_00423_52161_8489.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_080011_000001323111_00423_52161_8490.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_081108_000005373111_00423_52161_8492.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_090038_000006653111_00424_52162_8494.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_091037_000000603111_00424_52162_8518.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_092546_000003143111_00424_52162_8519.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_095123_000004343111_00424_52162_8521.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_103845_000002953111_00425_52163_8526.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_113137_000007793111_00425_52163_8558.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_121443_000006283111_00426_52164_8559.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_123316_000000843111_00426_52164_8586.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_125810_000002713111_00426_52164_8587.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_130246_000001023111_00426_52164_8589.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_131149_000004043111_00426_52164_8590.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_132233_000001323111_00426_52164_8592.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_133209_000001023111_00426_52164_8591.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_133401_000003503111_00426_52164_8594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_134051_000003803111_00426_52164_8596.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_135459_000008223111_00427_52165_8598.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_141122_000002473111_00427_52165_8616.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_143028_000002593111_00427_52165_8618.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_143627_000001143111_00427_52165_8619.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_145205_000007793111_00427_52165_8621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_152208_000002713111_00427_52165_8622.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_152809_000011303111_00428_52166_8624.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_154548_000001573111_00428_52166_8645.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_155646_000001933111_00428_52166_8646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_160239_000001873111_00428_52166_8648.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_160750_000001143111_00428_52166_8649.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_163219_000006283111_00428_52166_8655.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_170721_000002473111_00429_52167_8658.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120219_171631_000004413111_00429_52167_8660.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_172245_000002953111_00429_52167_8676.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_173111_000005613111_00429_52167_8677.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_181233_000006653111_00429_52167_8679.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_184808_000006163111_00430_52168_8680.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_185829_000000843111_00430_52168_8687.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_190237_000001203111_00430_52168_8723.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_191149_000001813111_00430_52168_8729.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_195246_000007793111_00430_52168_8733.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_201709_000002713111_00430_52168_8731.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_202413_000005553111_00430_52168_8734.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120219_203618_000001443111_00431_52169_8737.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_1PNPDE20120219_033128_00000523111_00420_52158_3063.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_042023_000001423111_00421_52159_3064.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_075110_00000883111_00423_52161_3152.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_075249_00000383111_00423_52161_3153.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_075410_00000353111_00423_52161_3154.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_114955_00000523111_00425_52163_3224.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_174034_000002233111_00429_52167_3252.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_174422_00000423111_00429_52167_3254.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_174515_00000353111_00429_52167_3253.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120219_202325_00000373111_00430_52168_3261.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120219_091830_000001033111_00424_52162_8505.N1	OK	OK	OK	OK

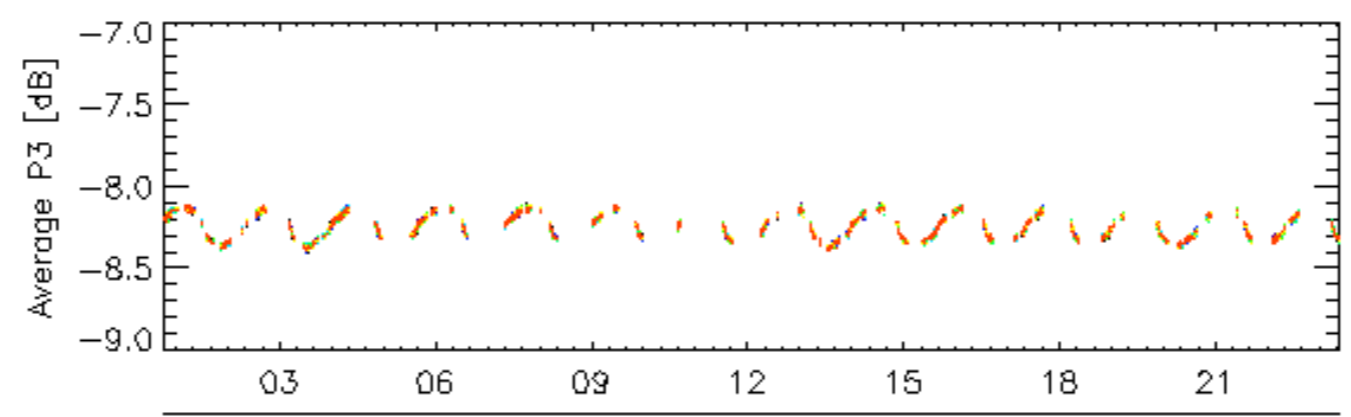
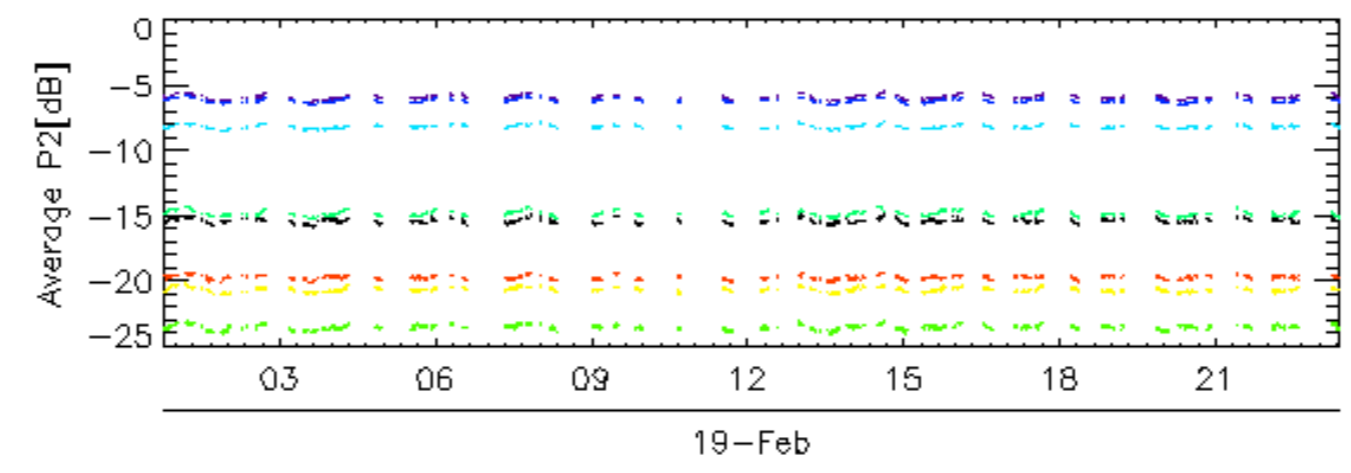
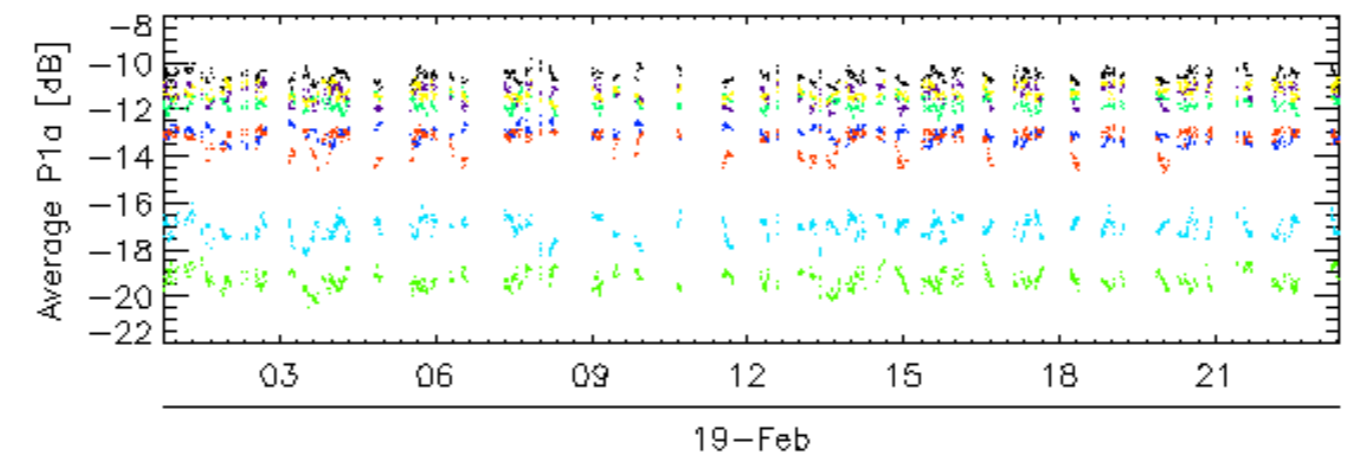
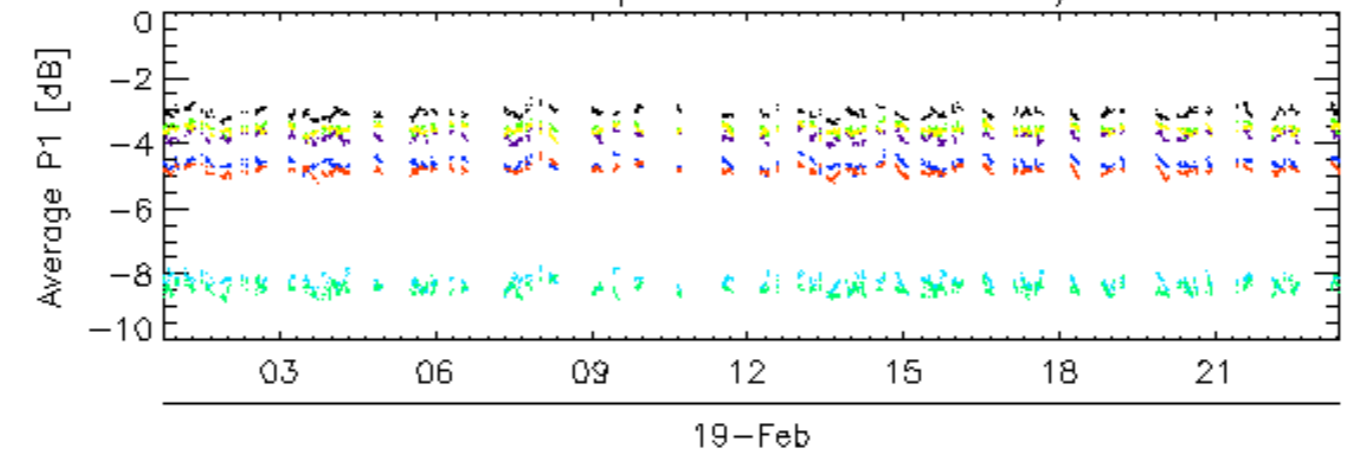
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120219_003709_000005513111_00419_52157_3023.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_005745_000001593111_00419_52157_3024.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_013149_000001653111_00419_52157_3003.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_014002_000000983111_00419_52157_3022.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3031.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3032.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120219_024421_000001593111_00420_52158_3026.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.

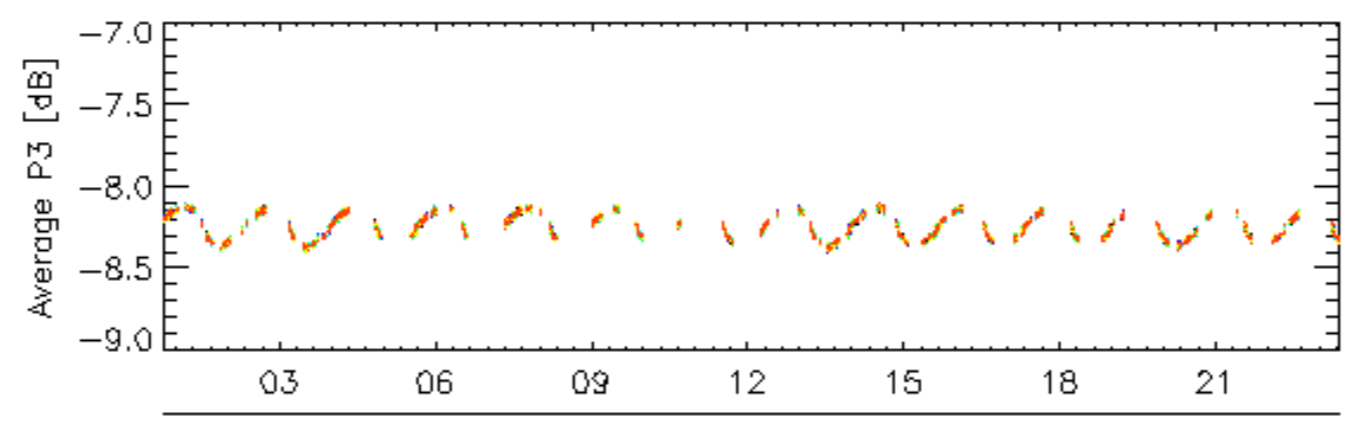
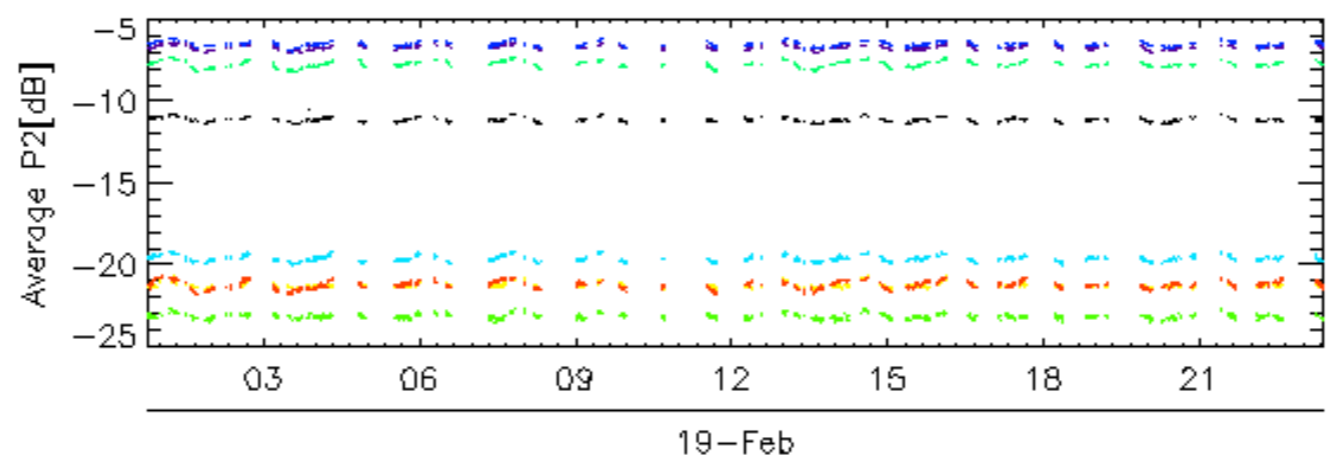
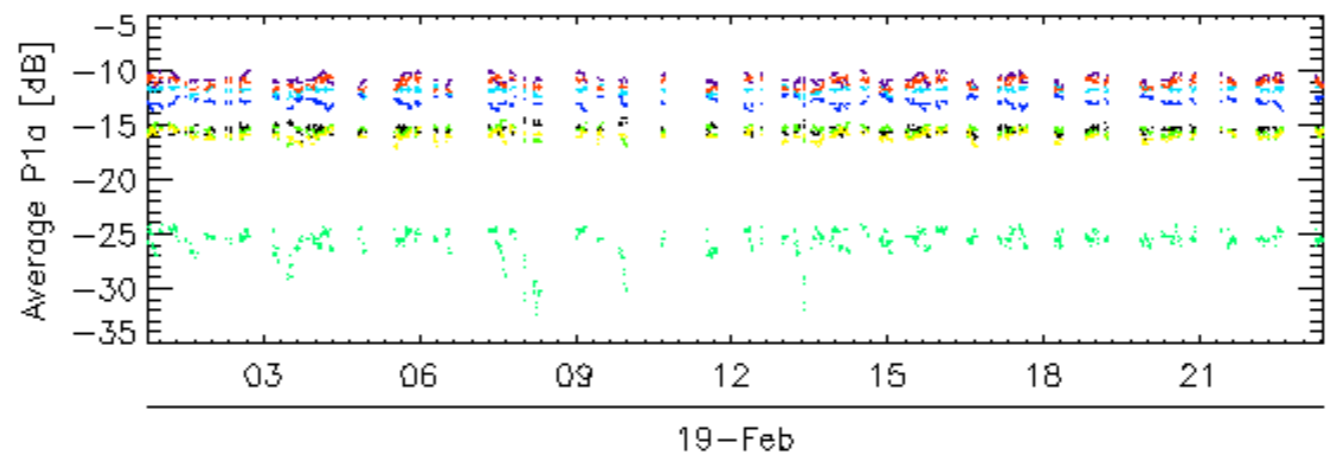
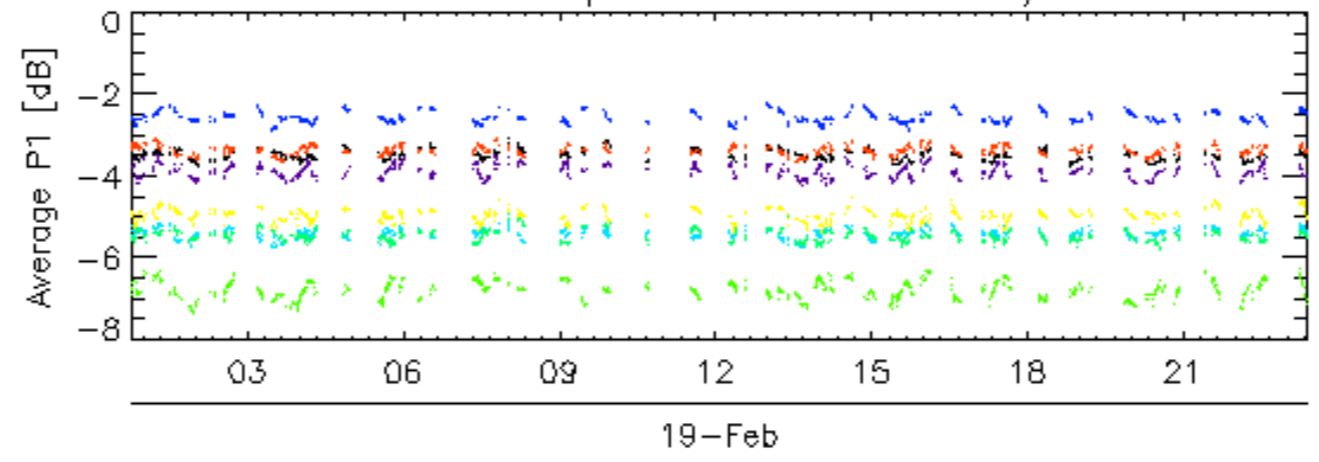
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### Calibration pulses for GM1 SS3 H/H



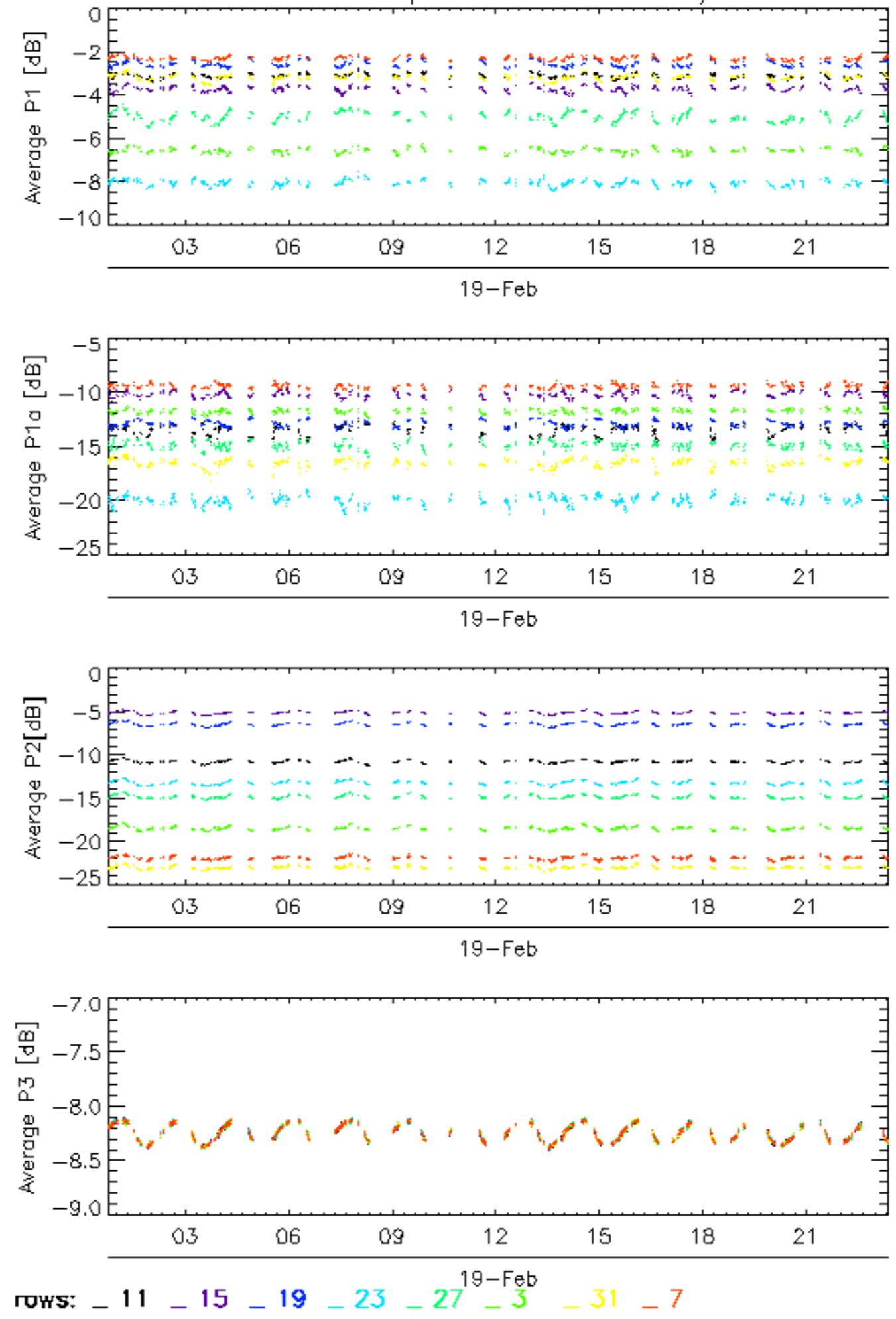
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### Calibration pulses for GM1 SS3 H/H



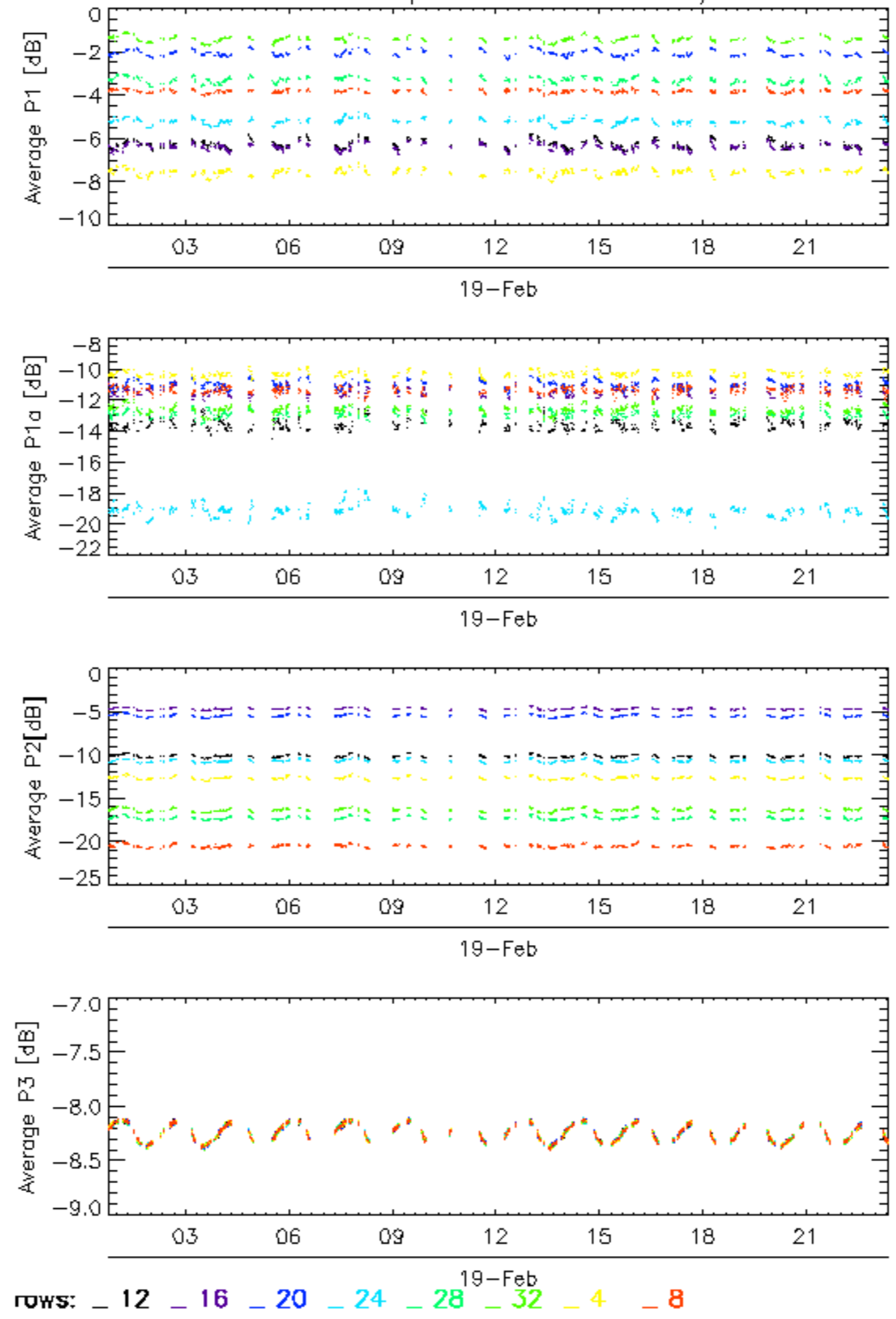
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Calibration pulses for GM1 SS3 H/H

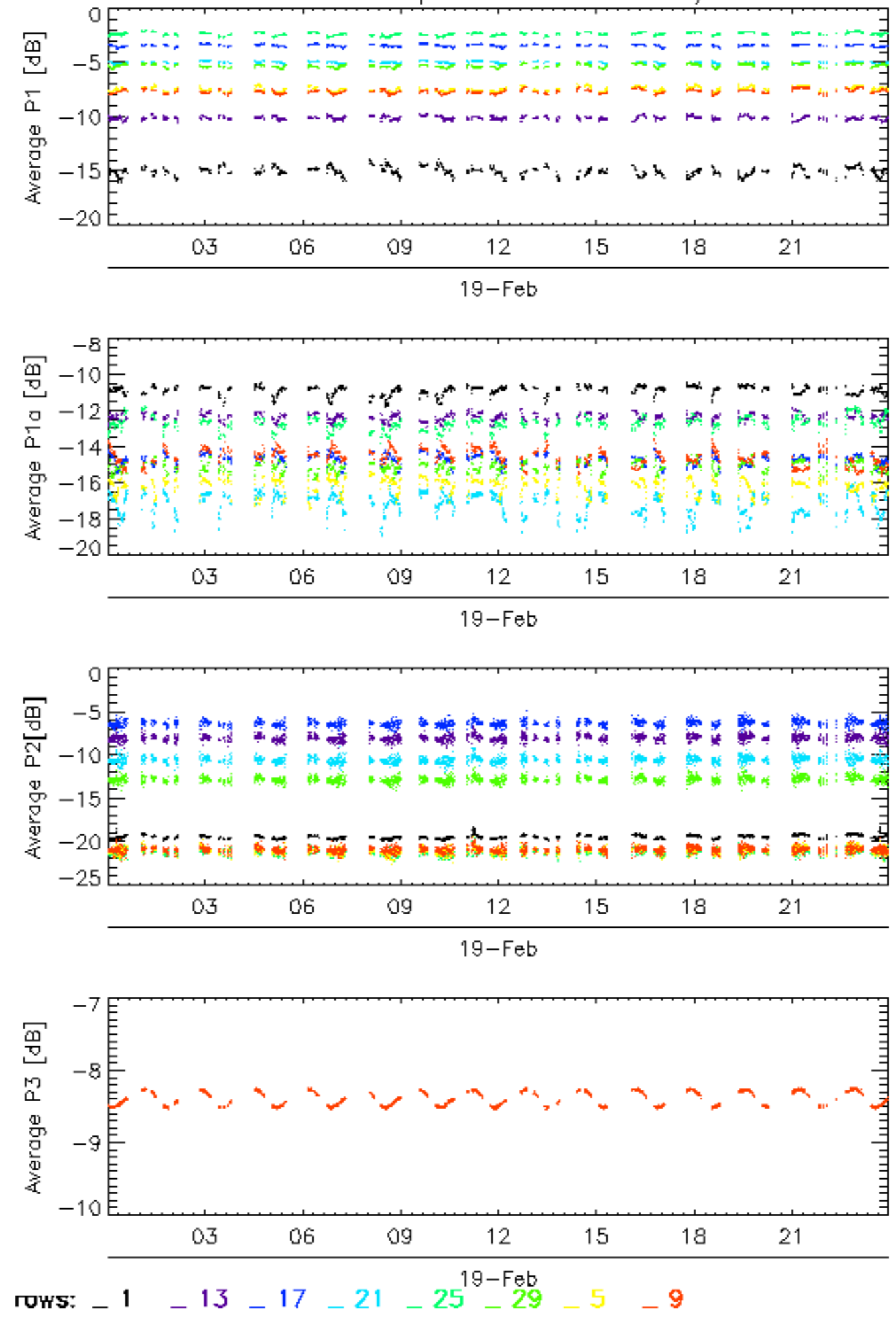




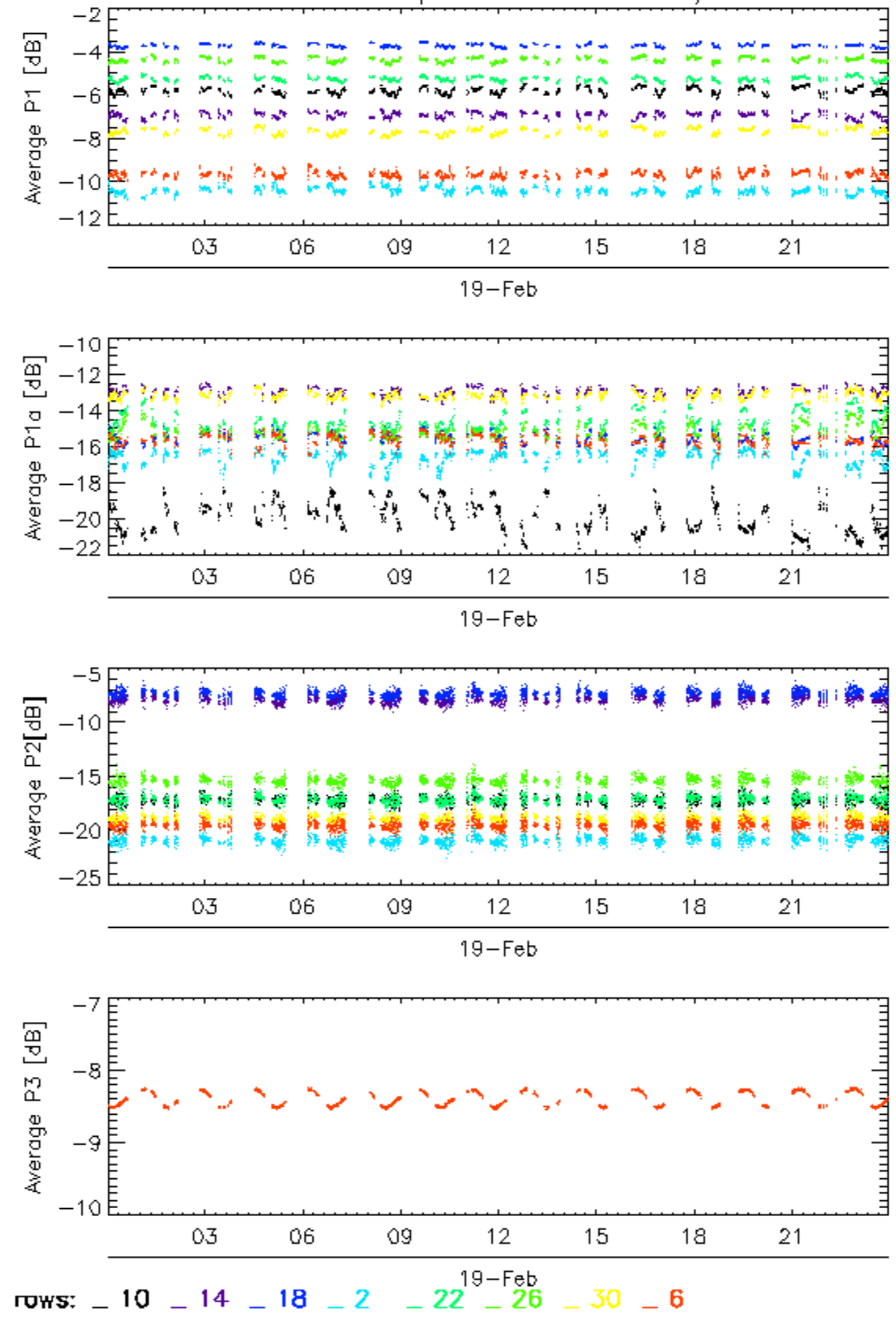
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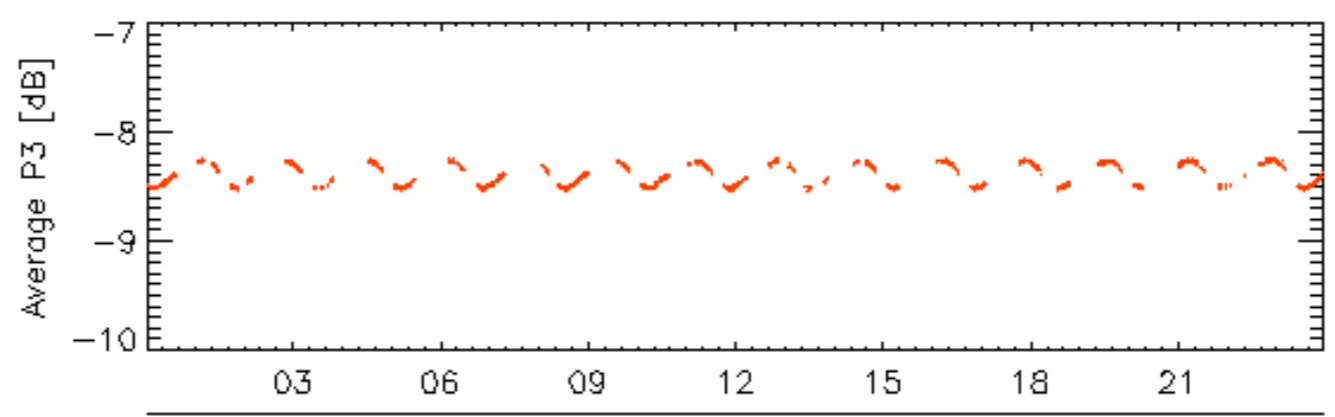
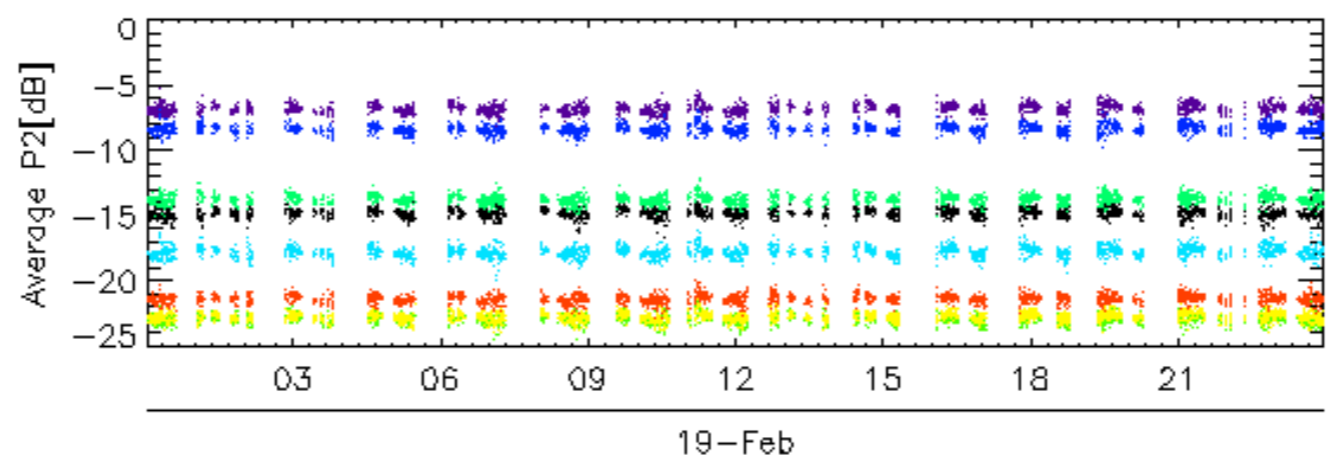
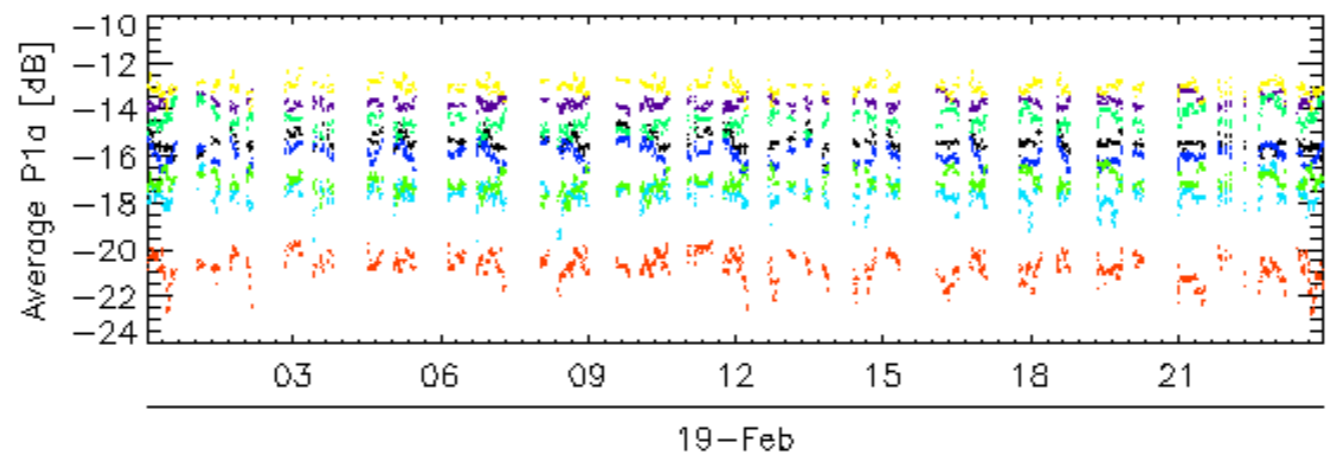
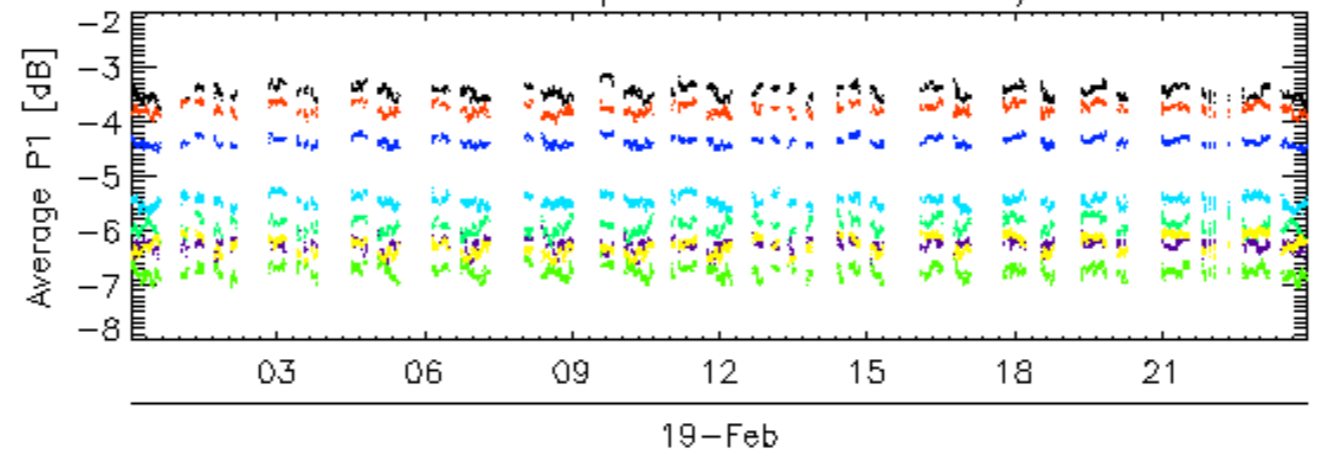
Calibration pulses for WVS IS2 V/V



### Calibration pulses for WVS IS2 V/V

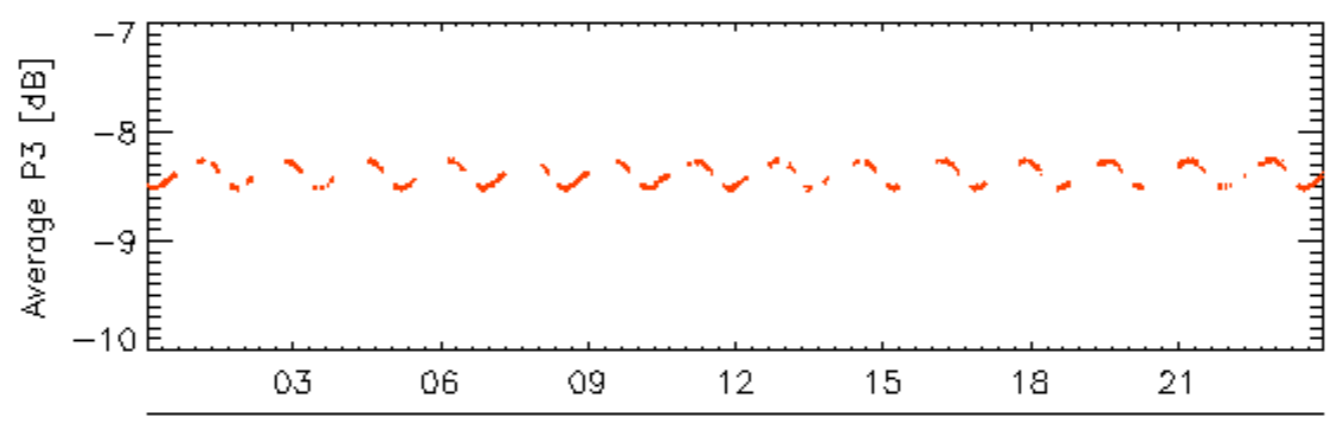
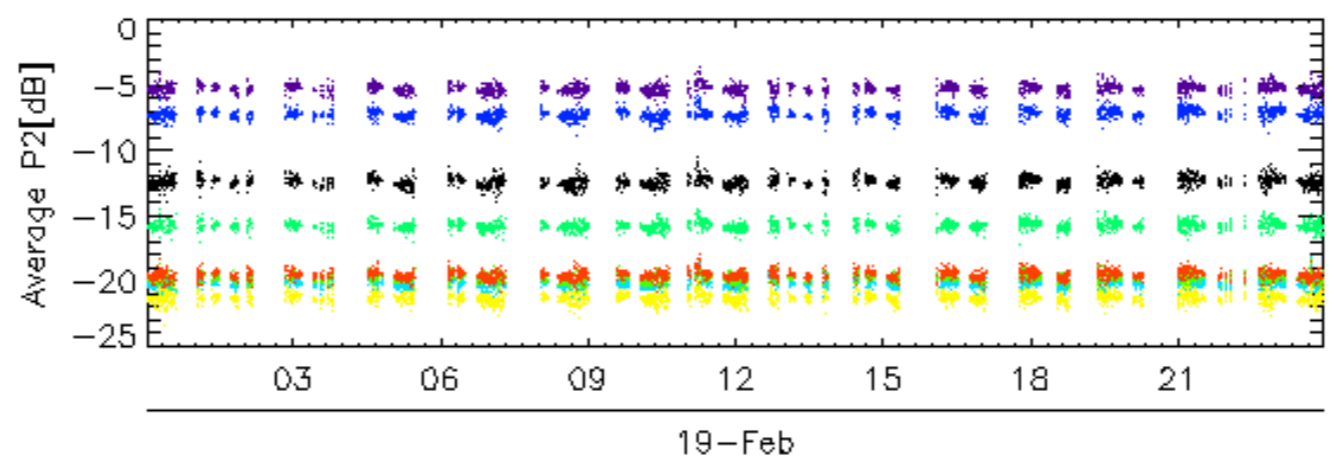
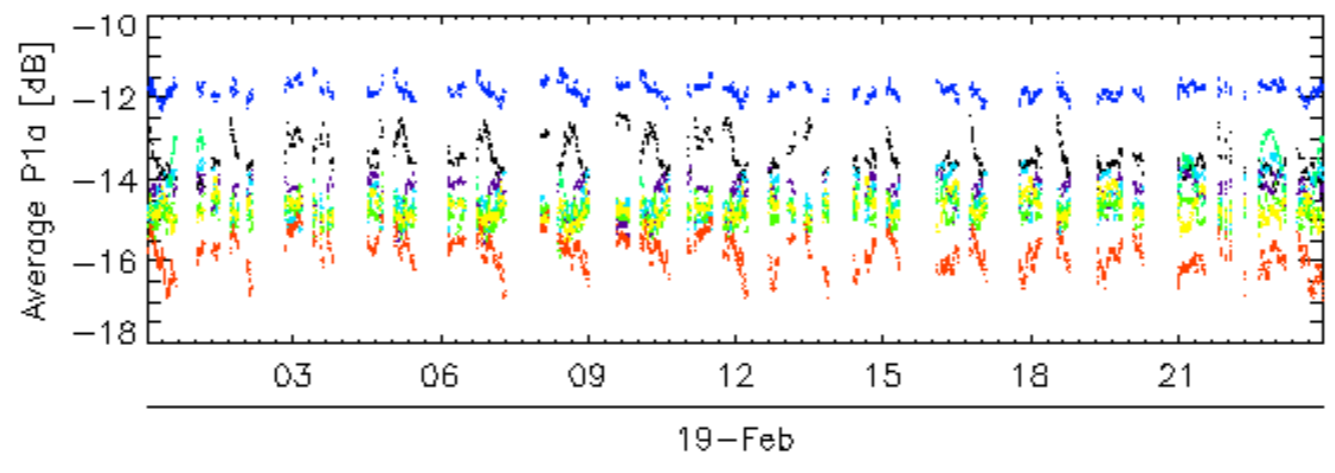
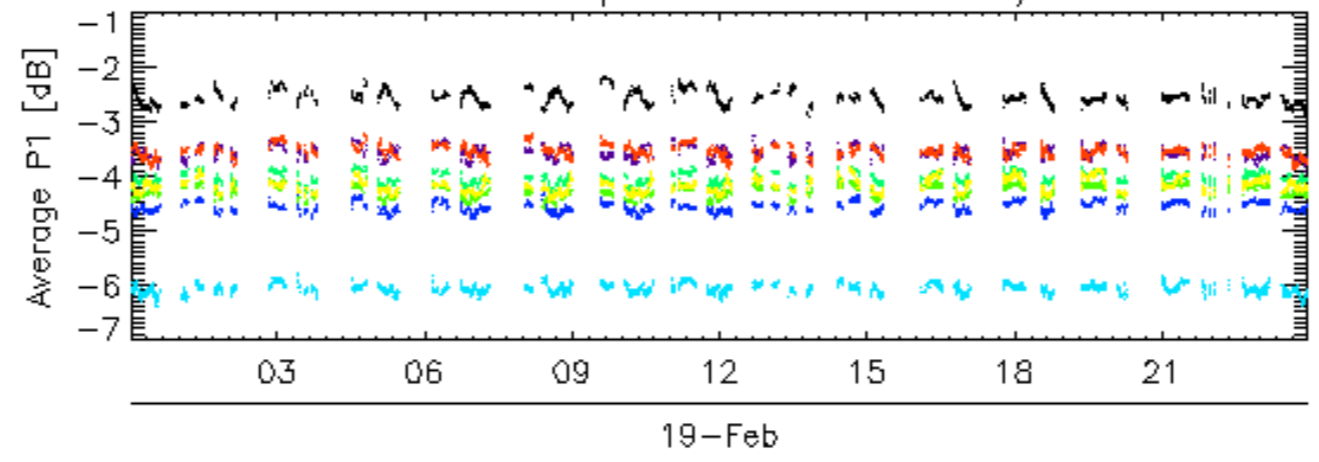


Calibration pulses for WVS IS2 V/V

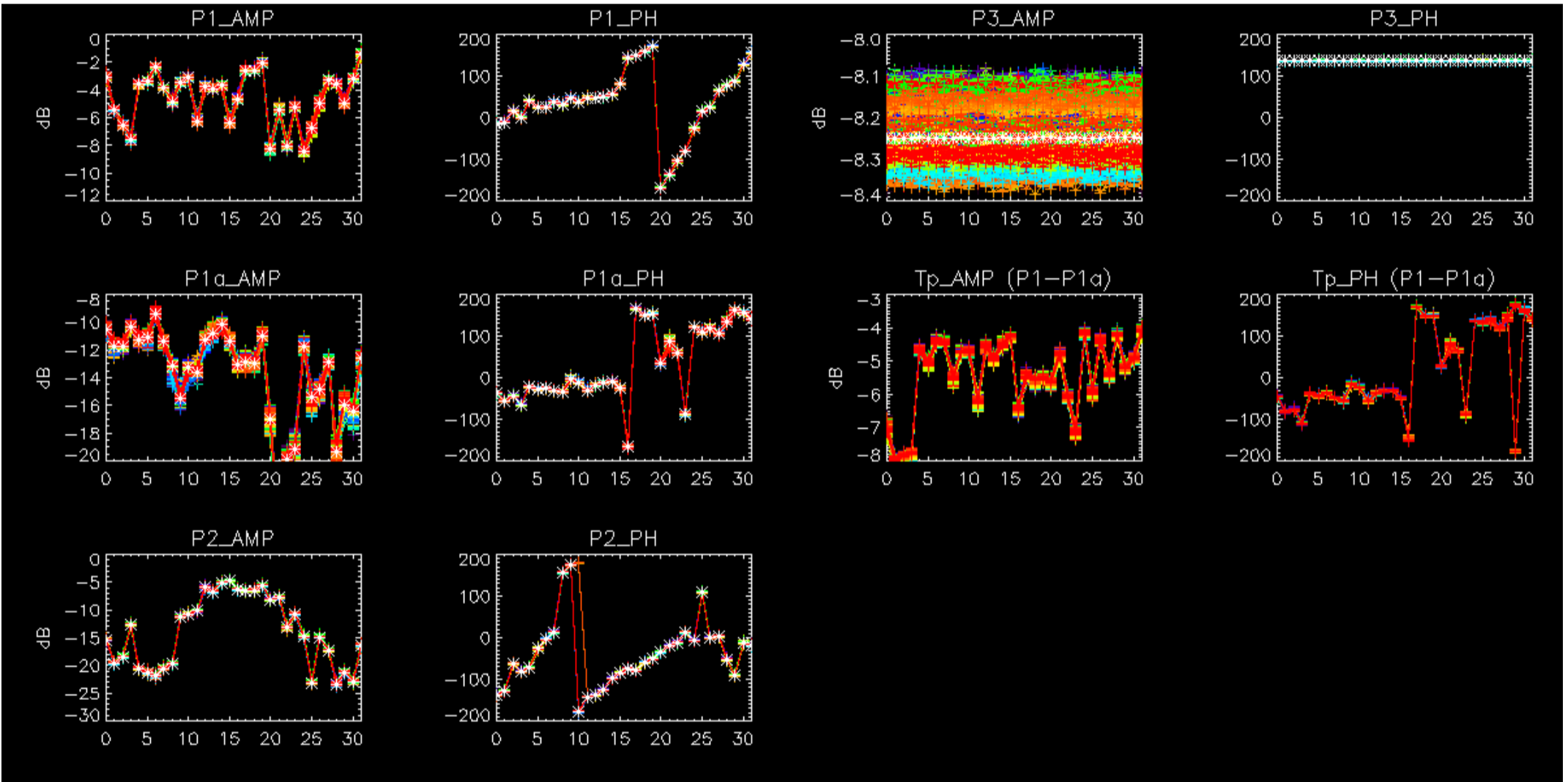


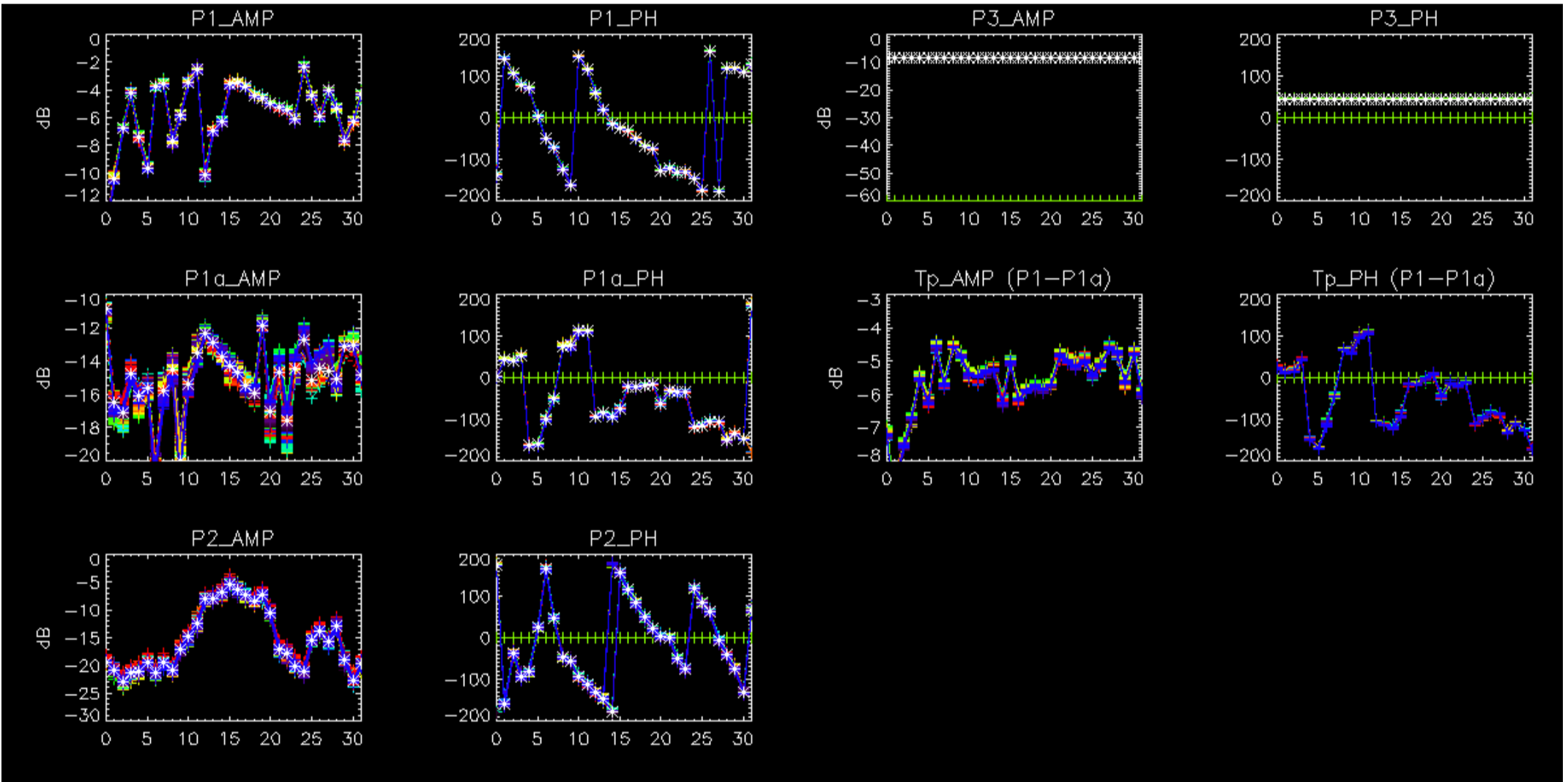
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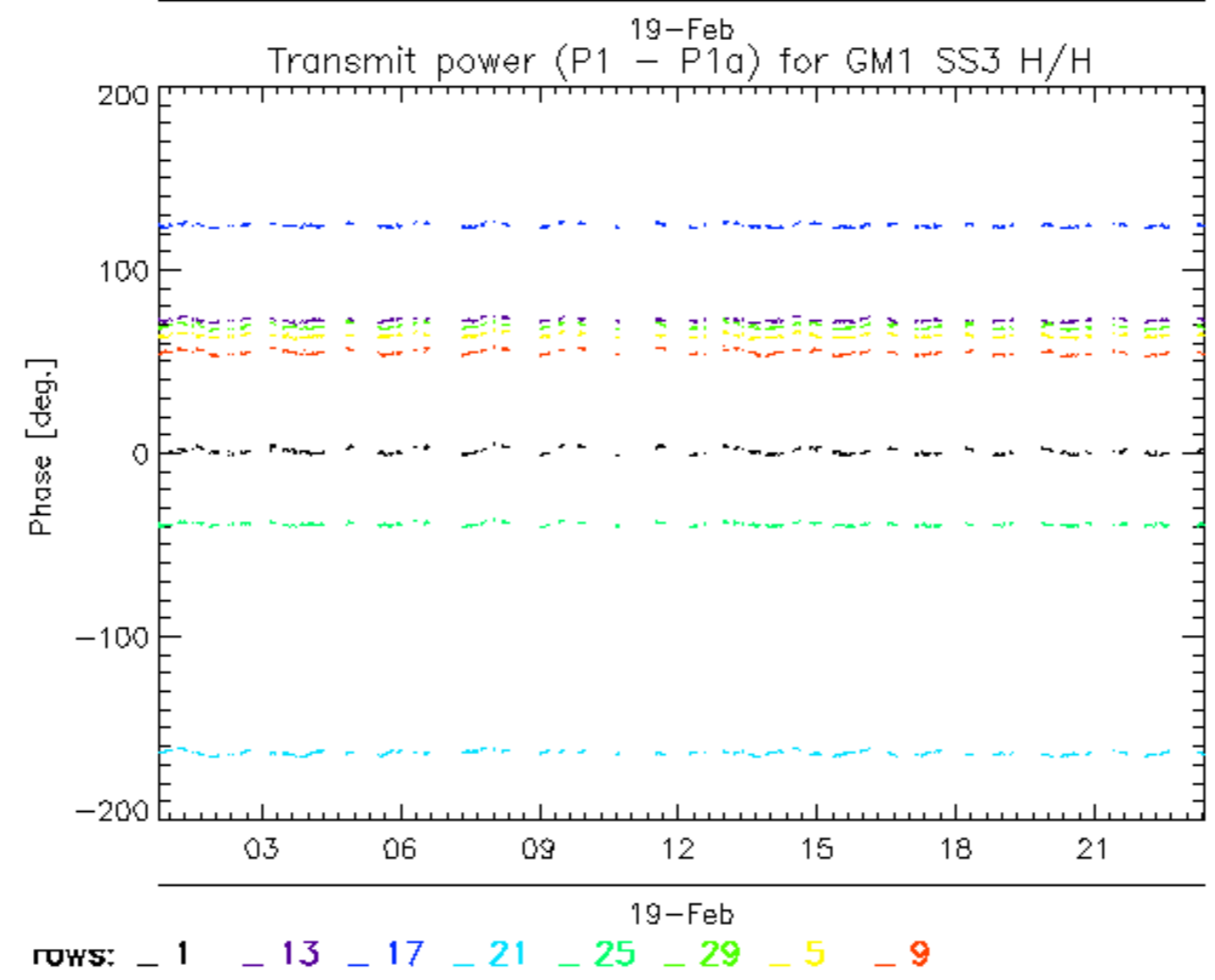
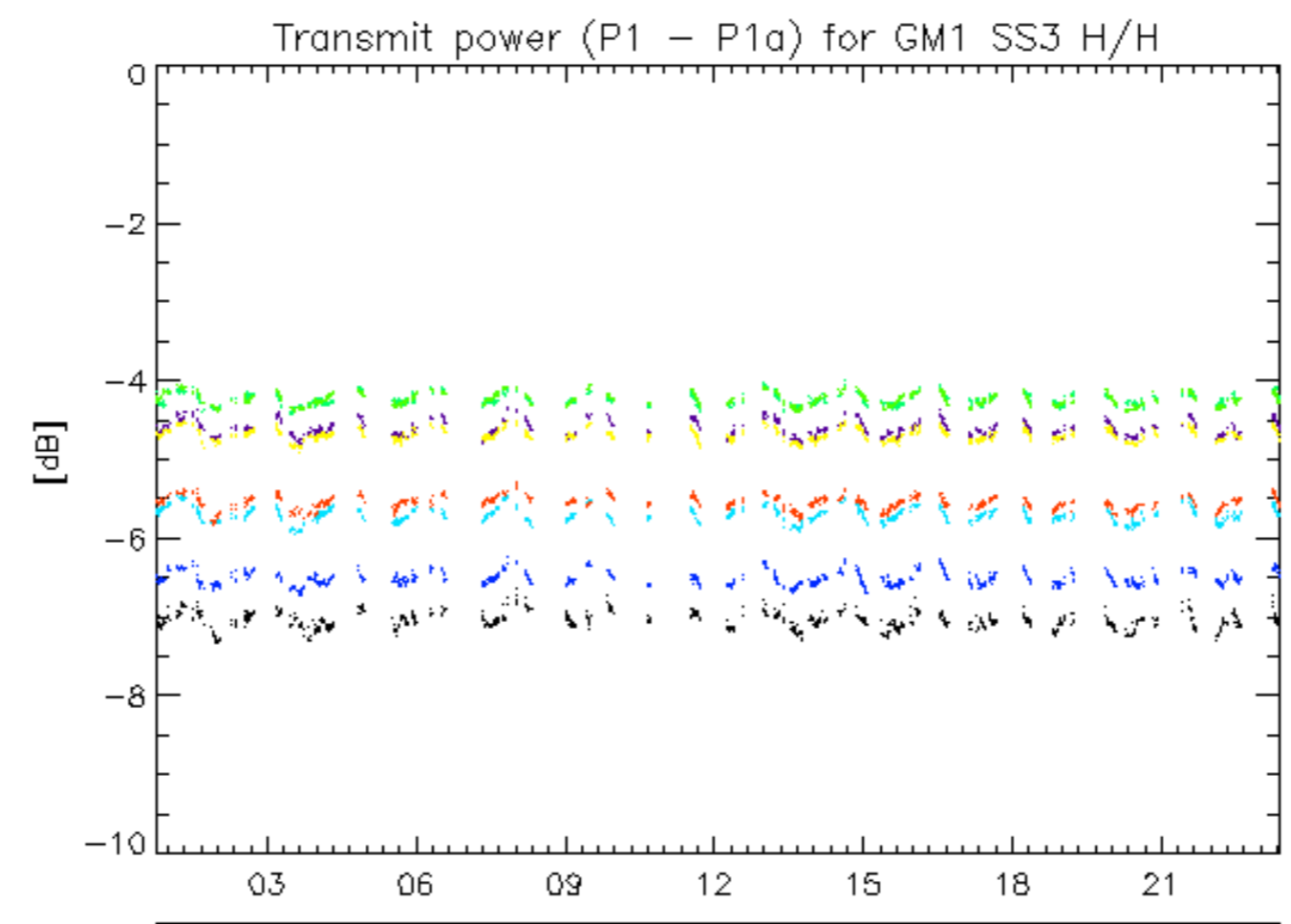
Calibration pulses for WVS IS2 V/V



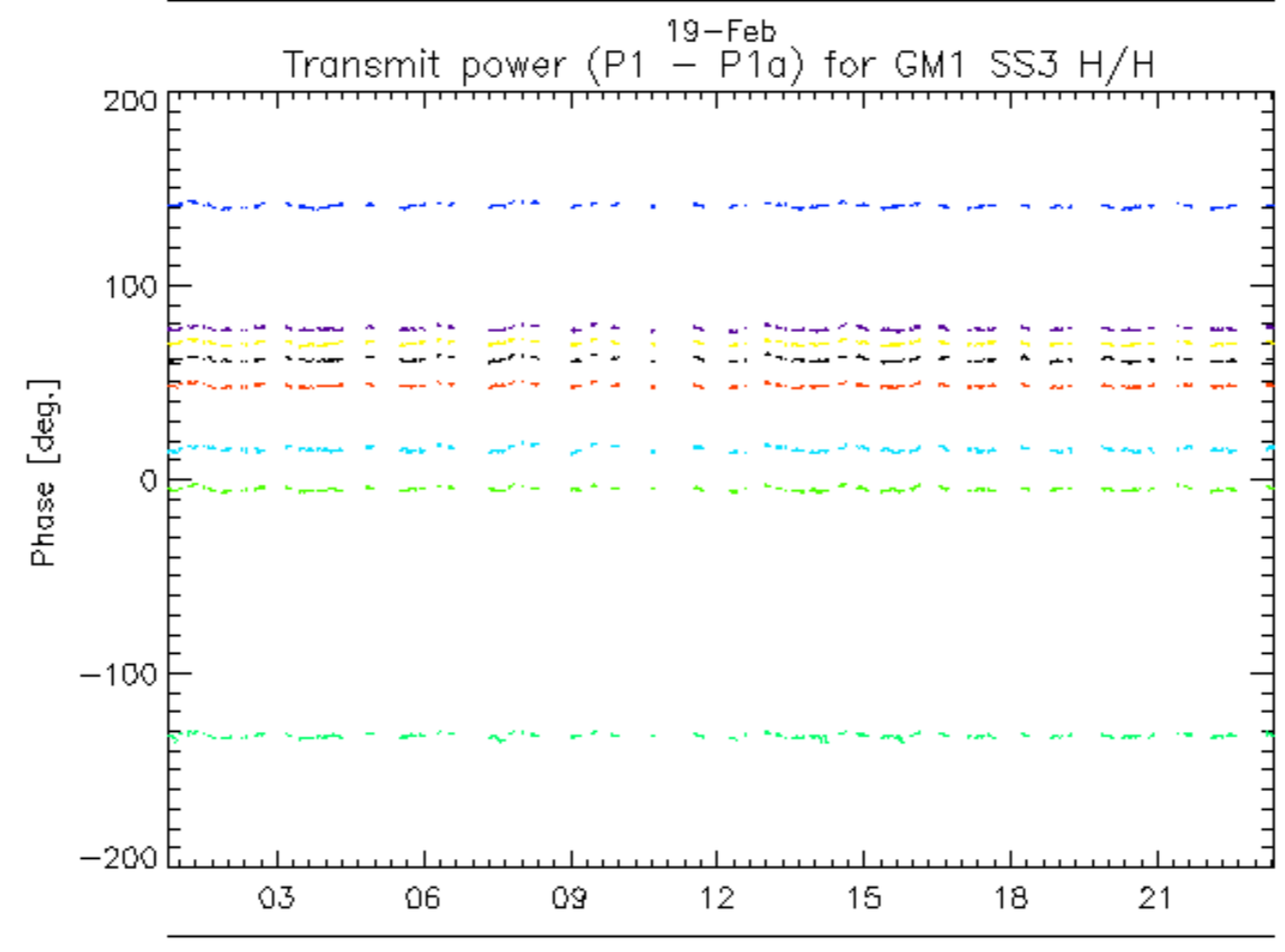
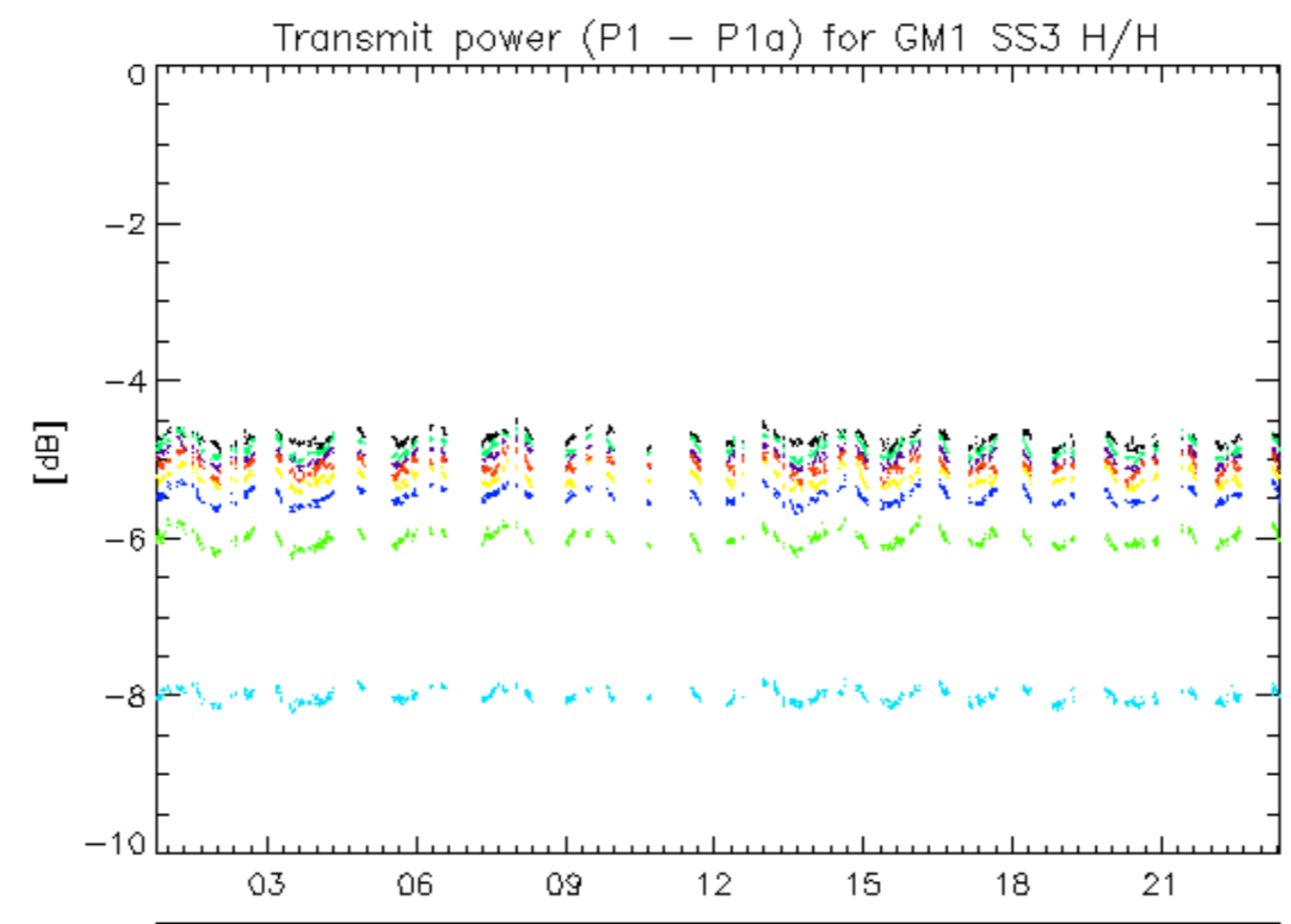
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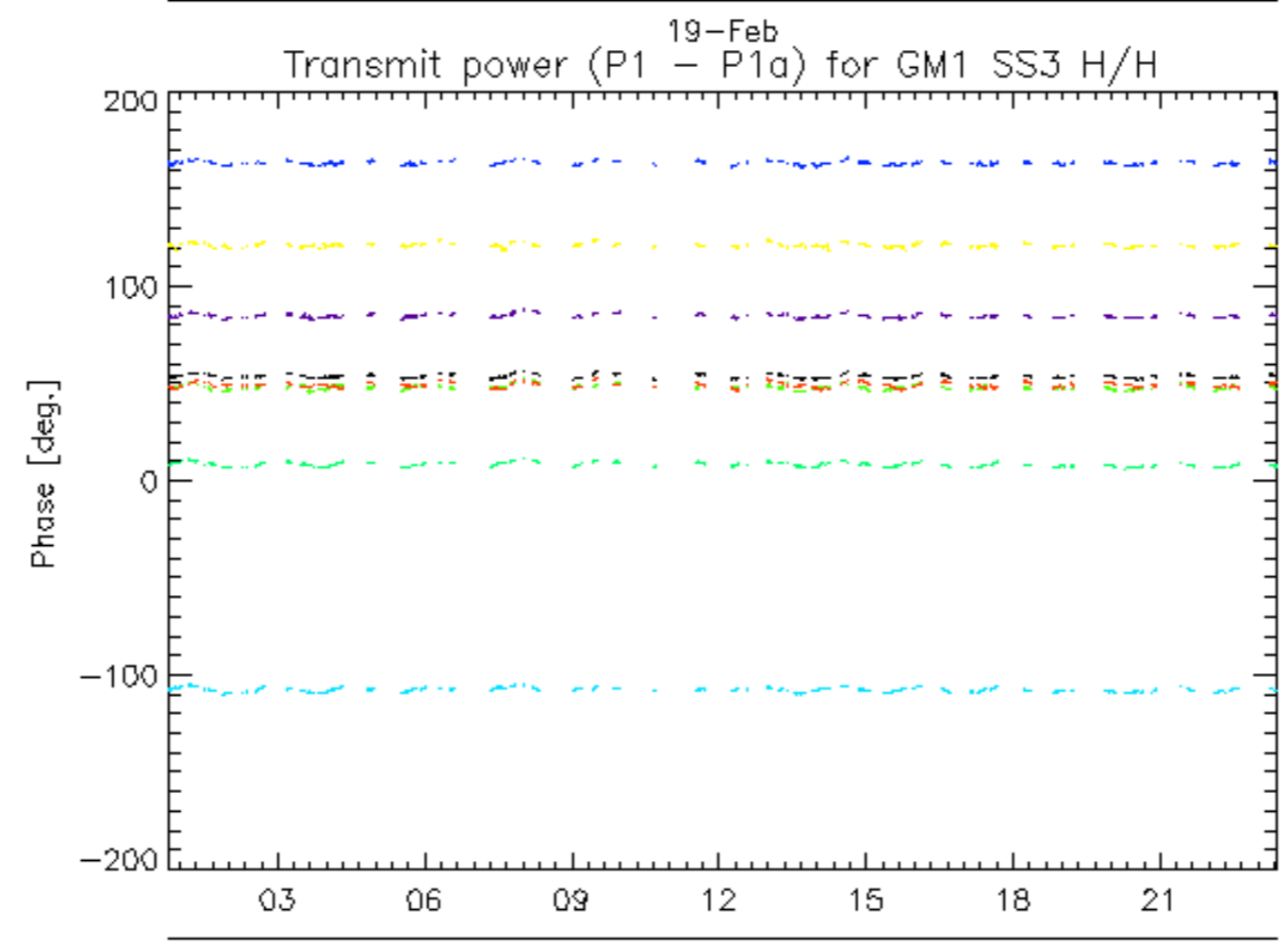
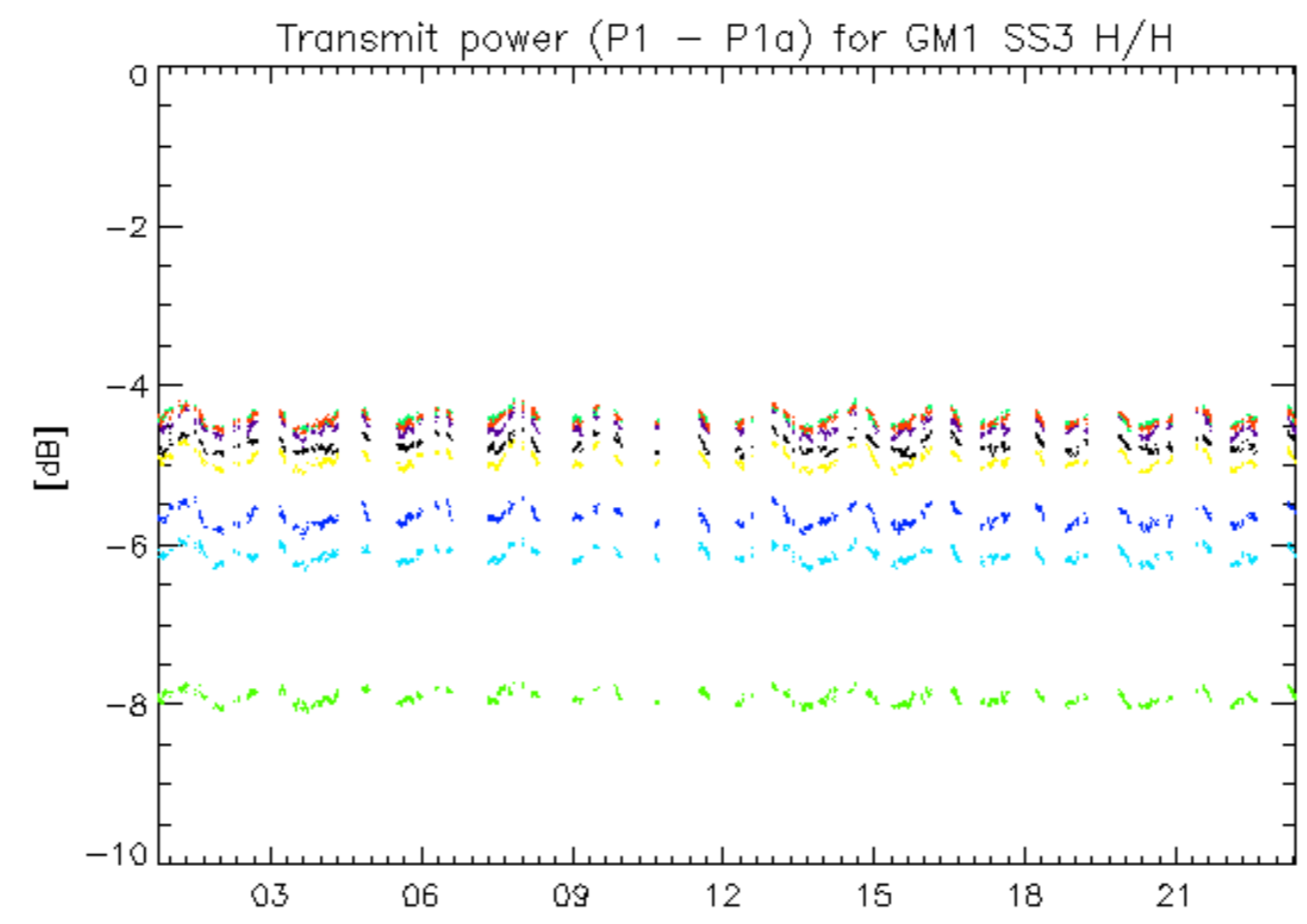




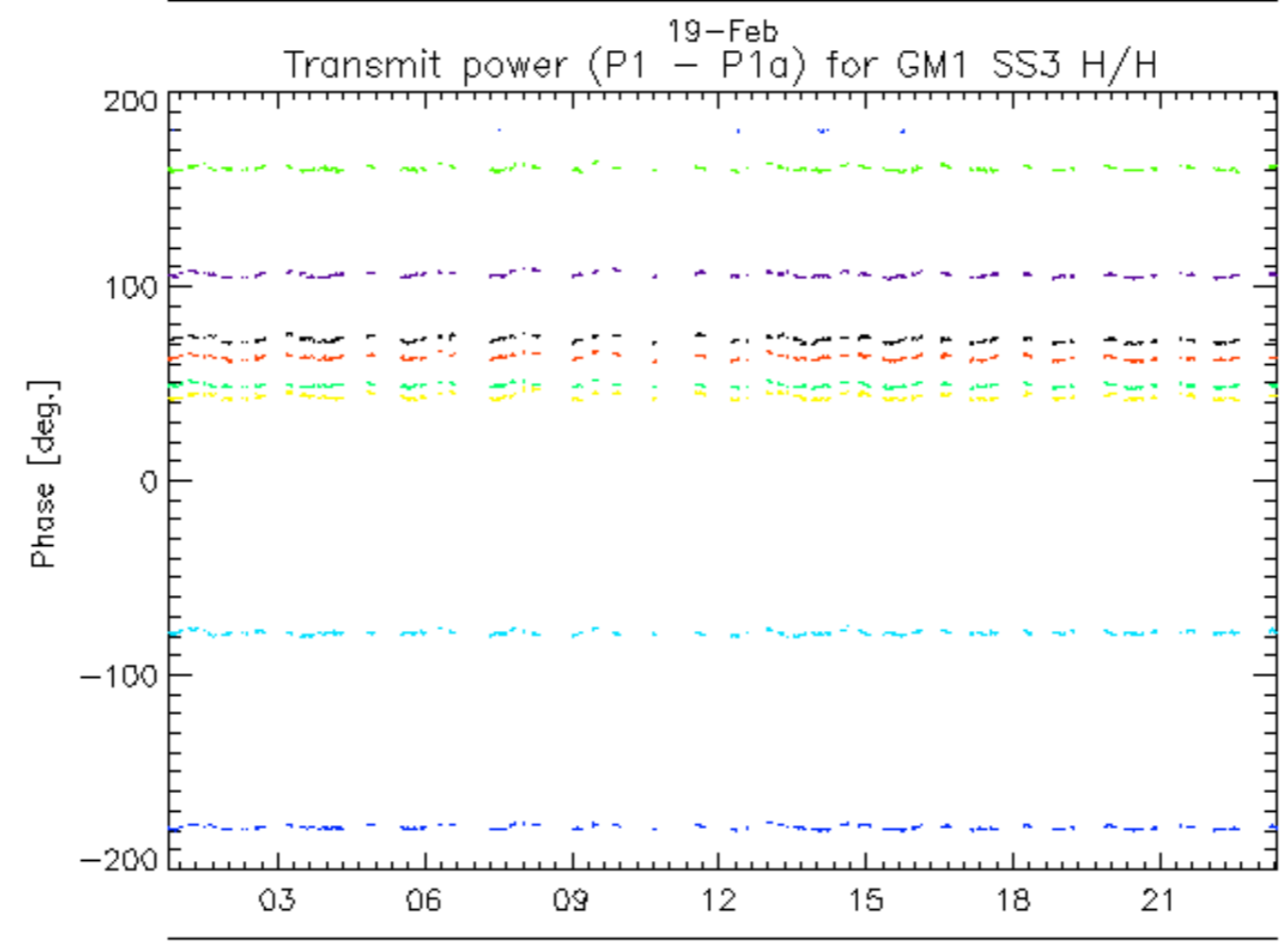
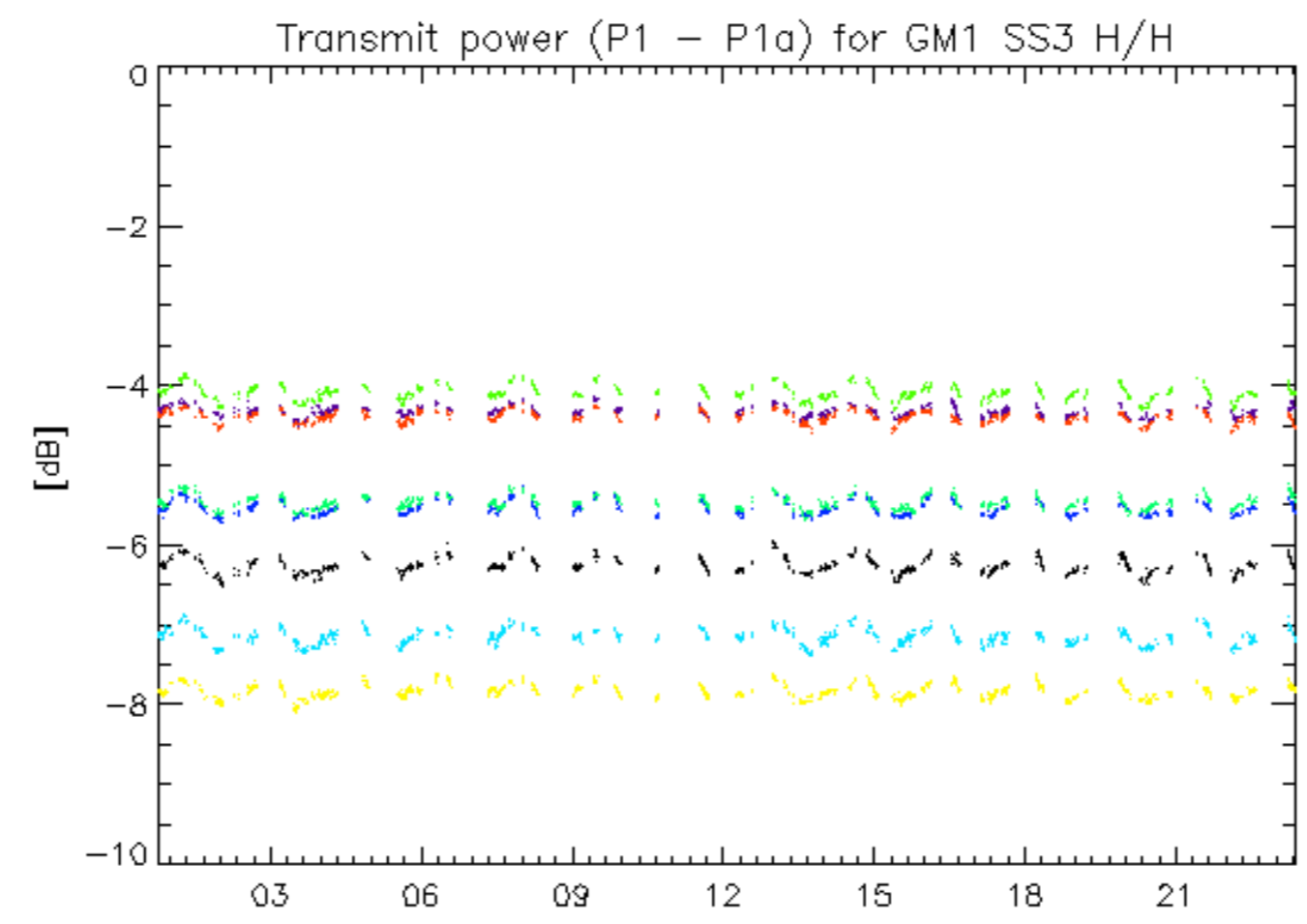




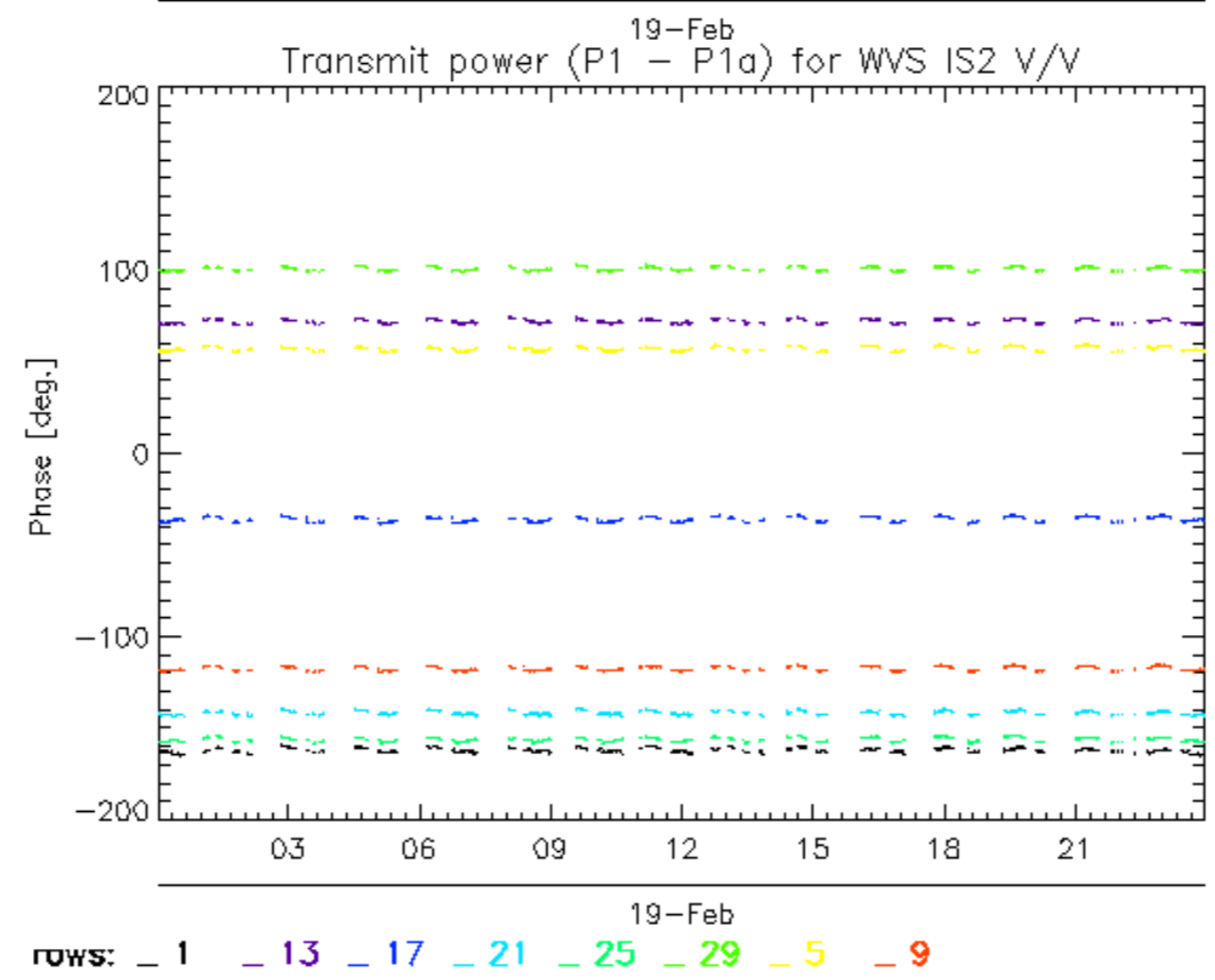
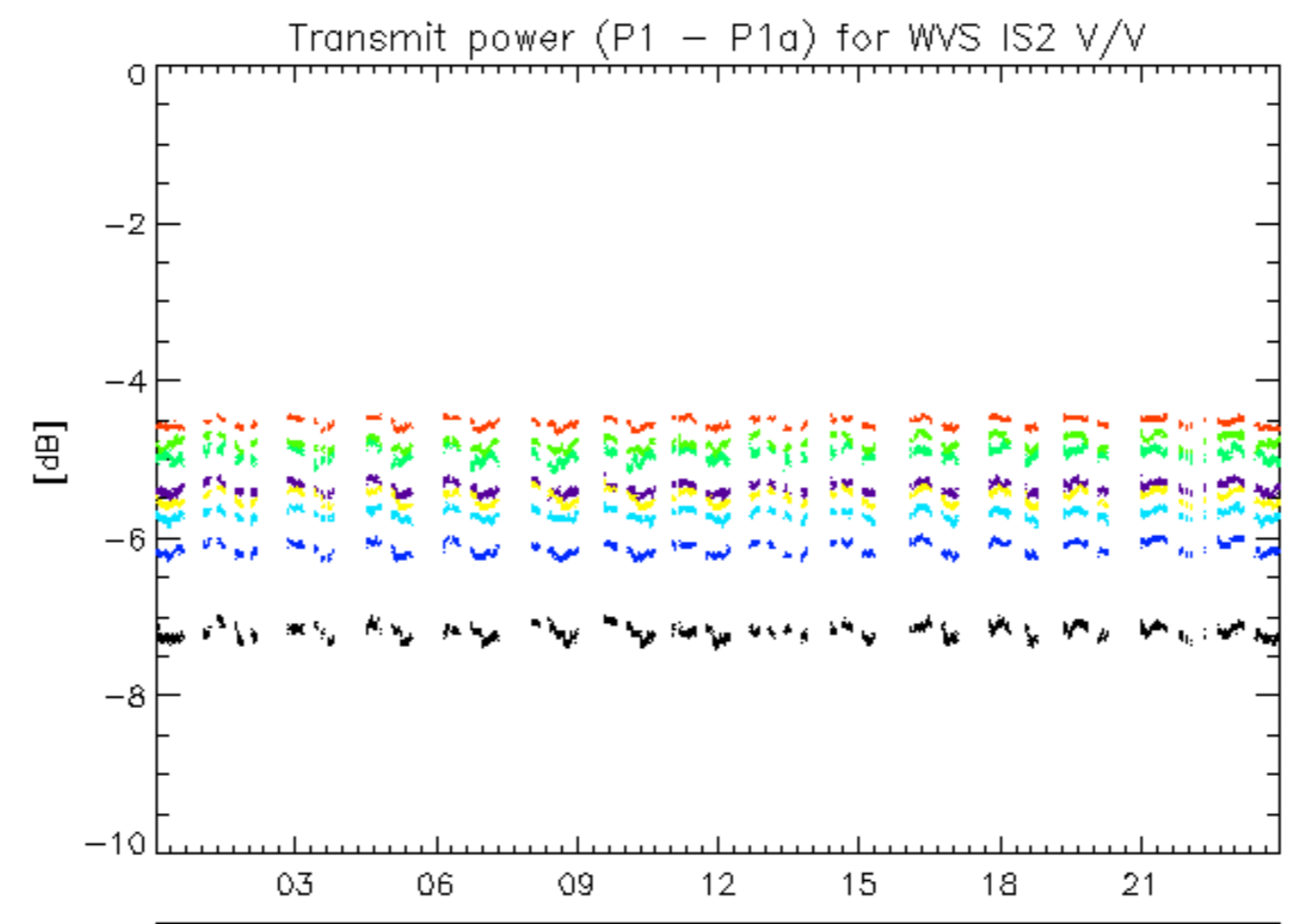
19-Feb  
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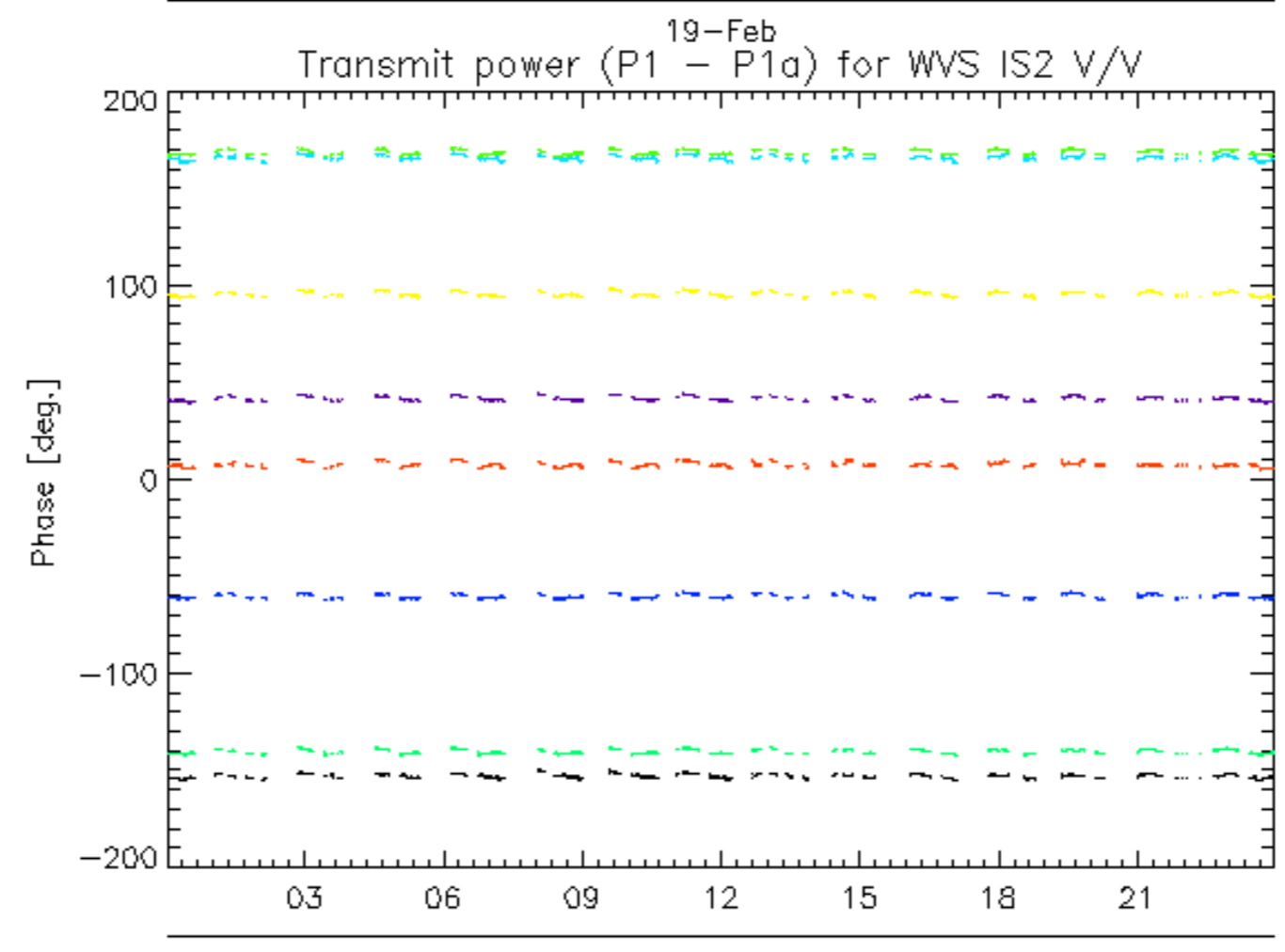
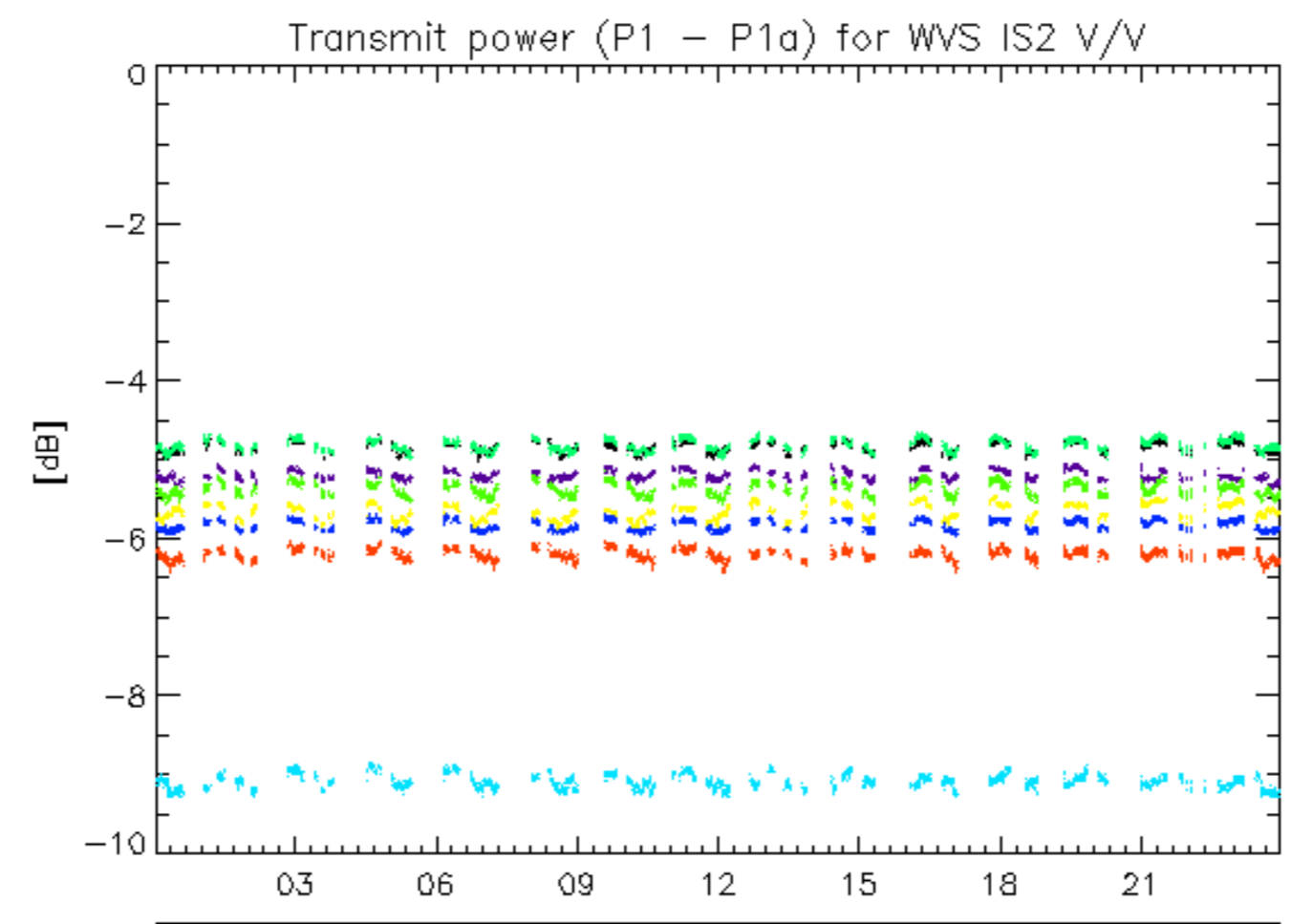


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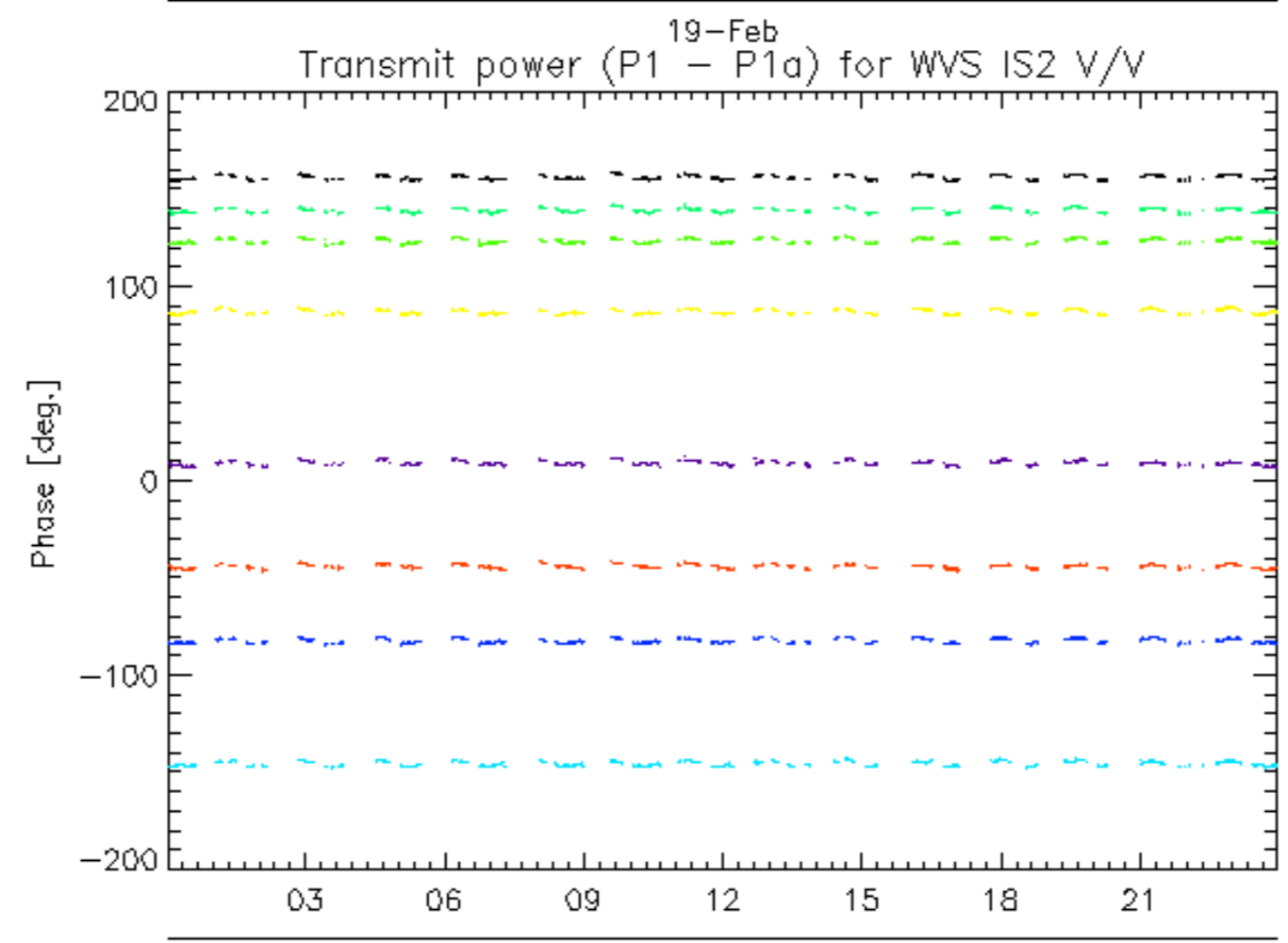
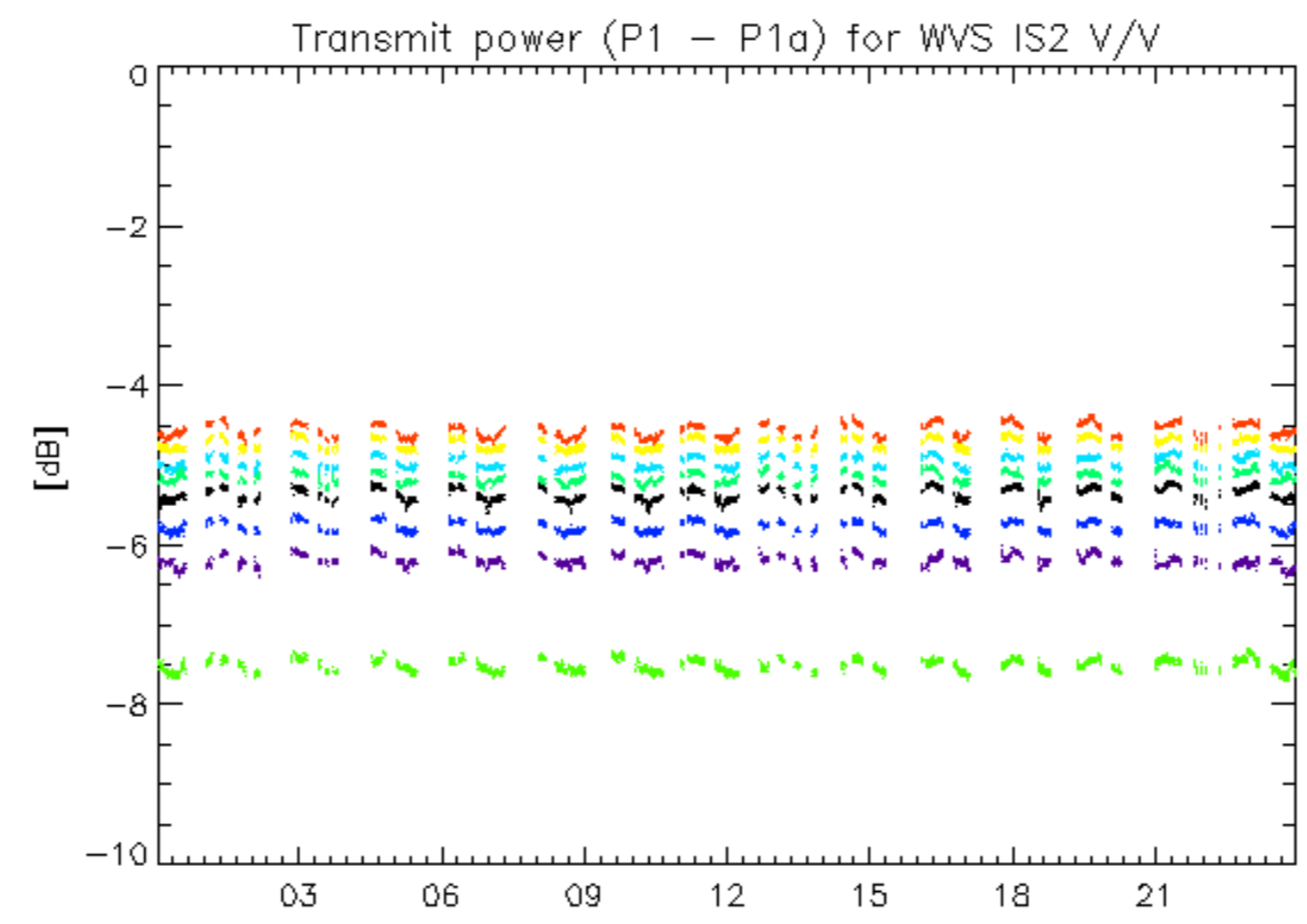


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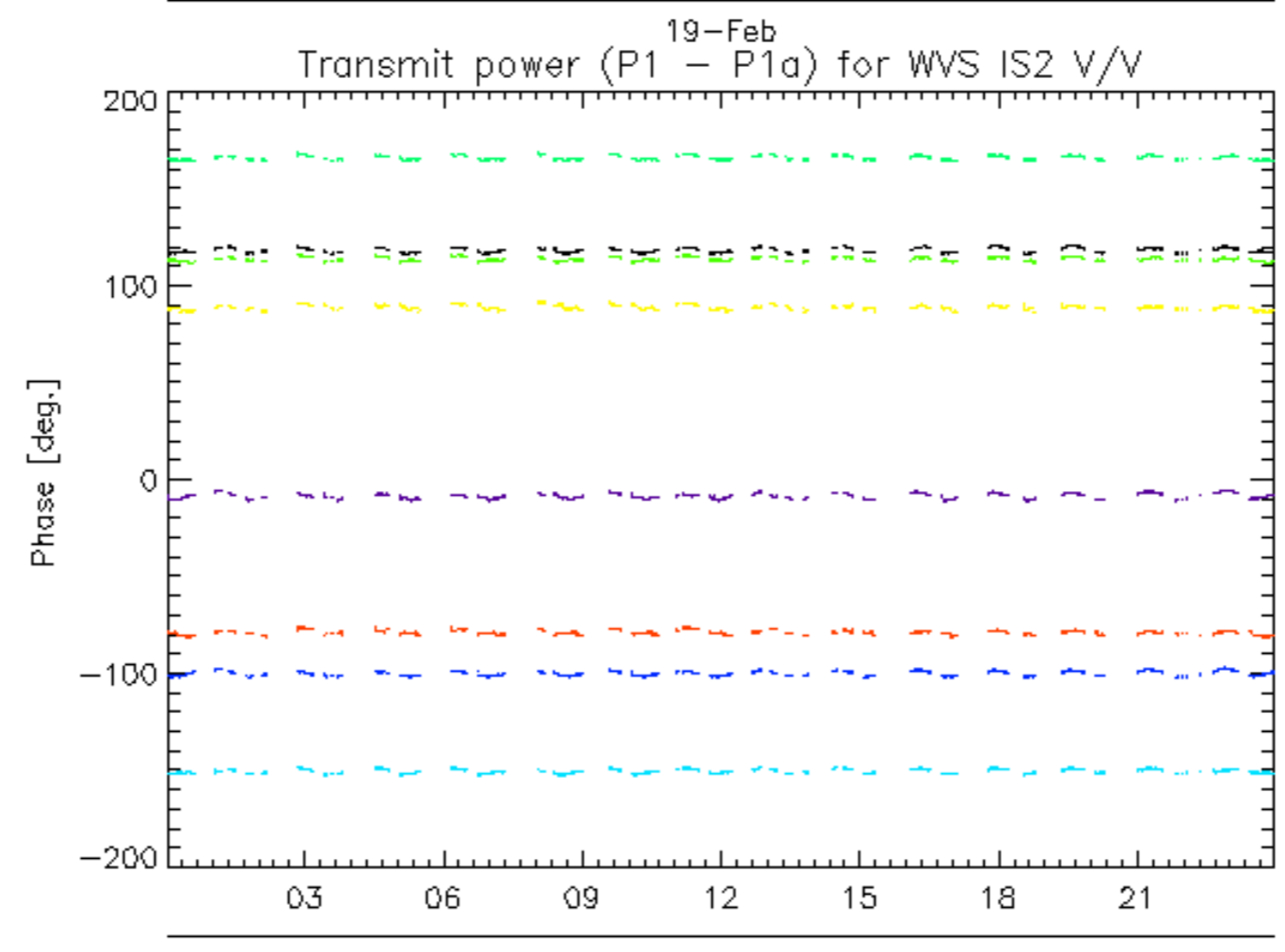
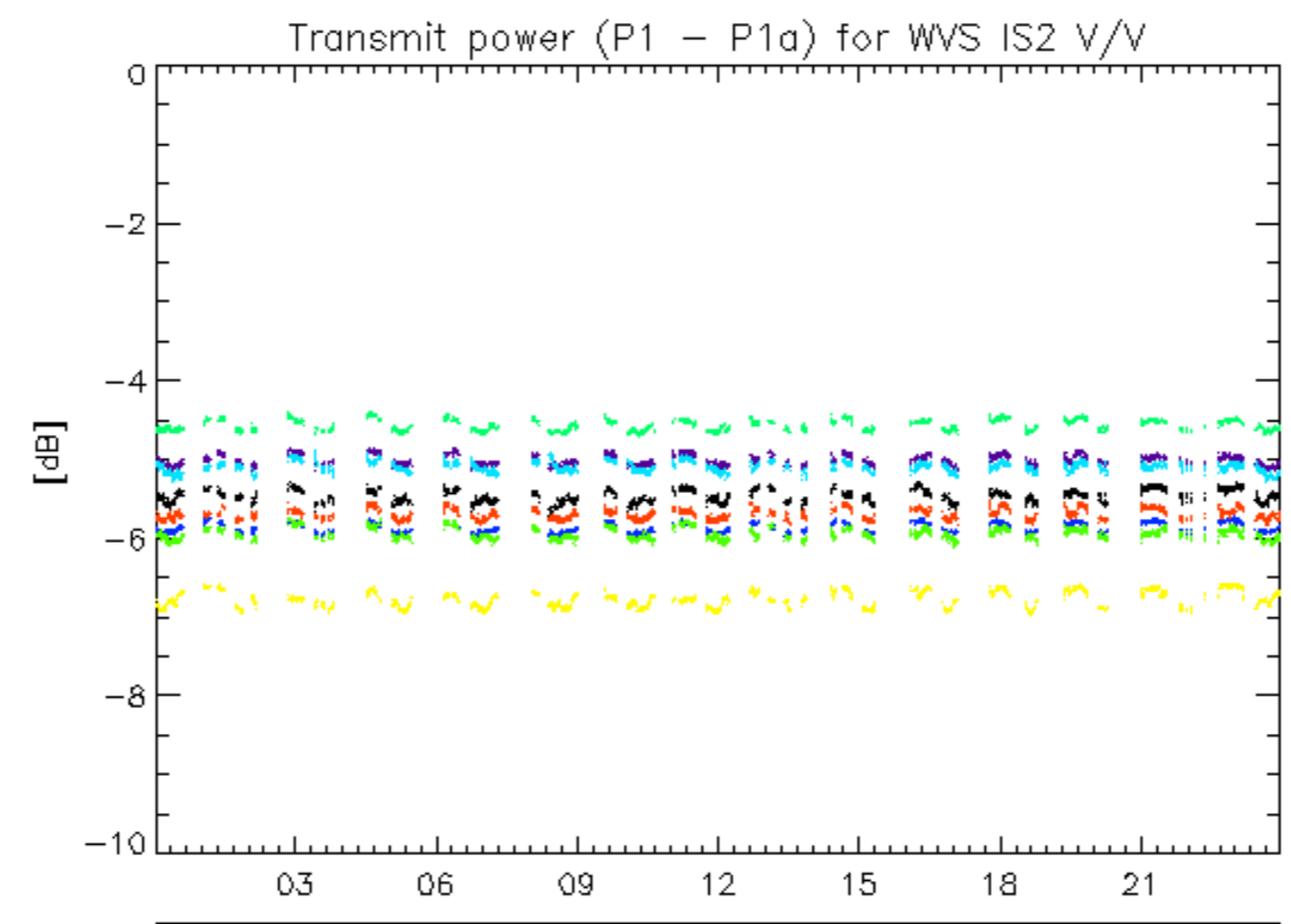




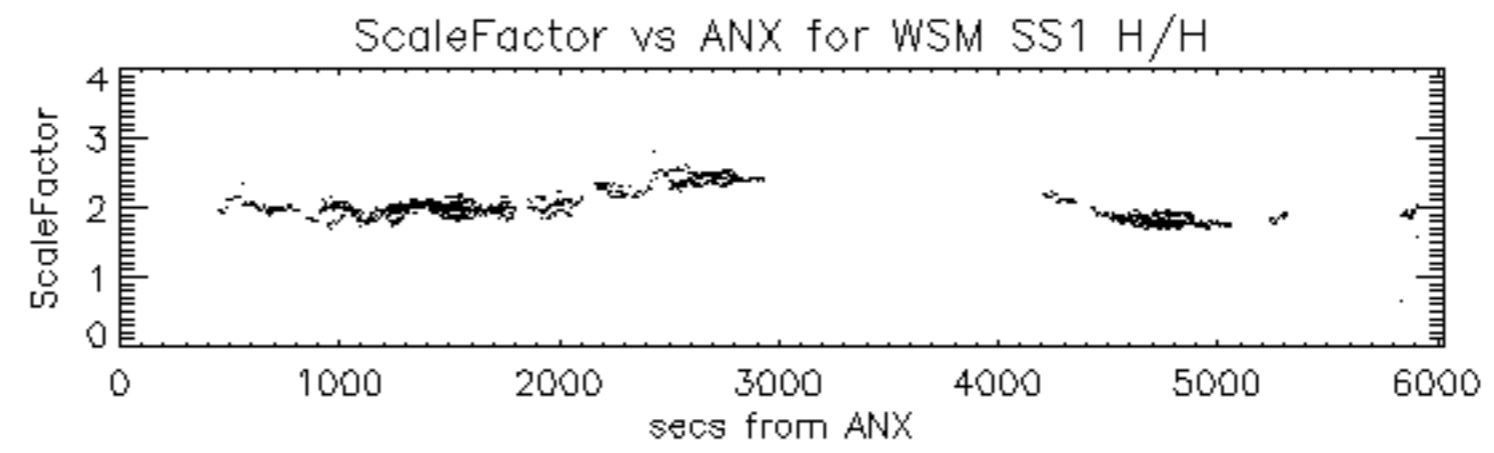
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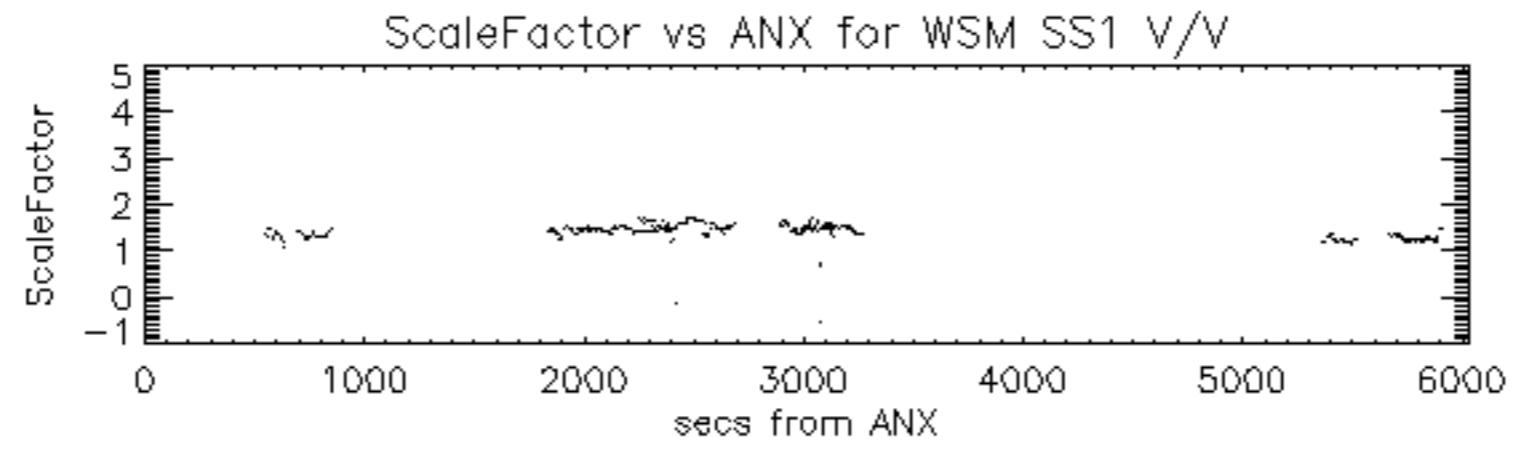
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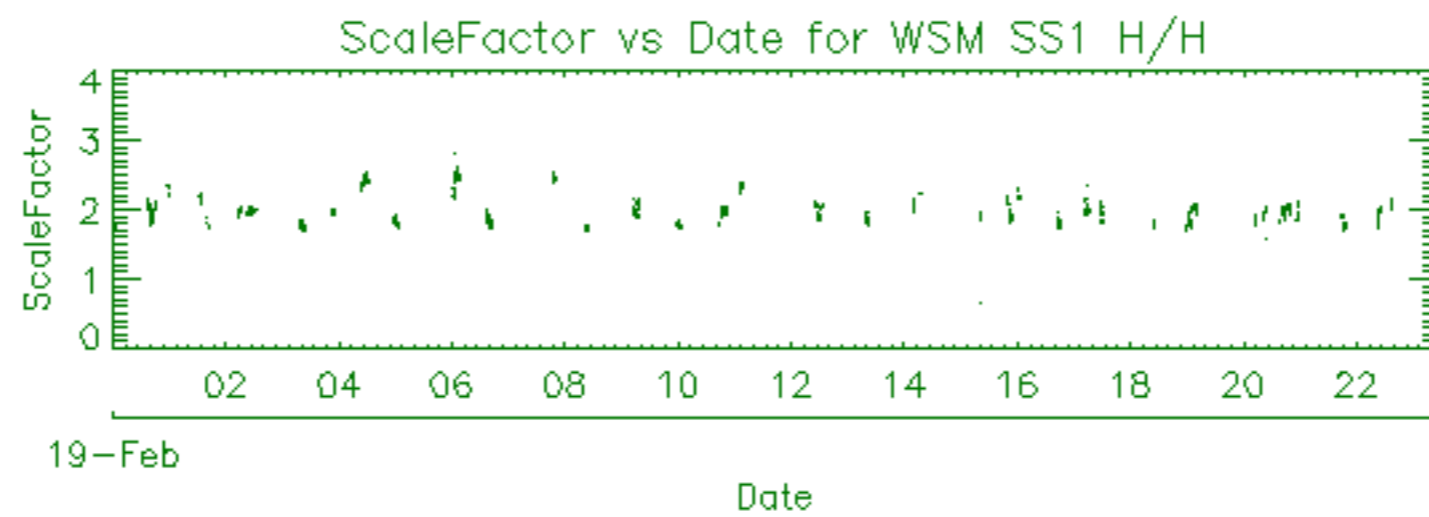


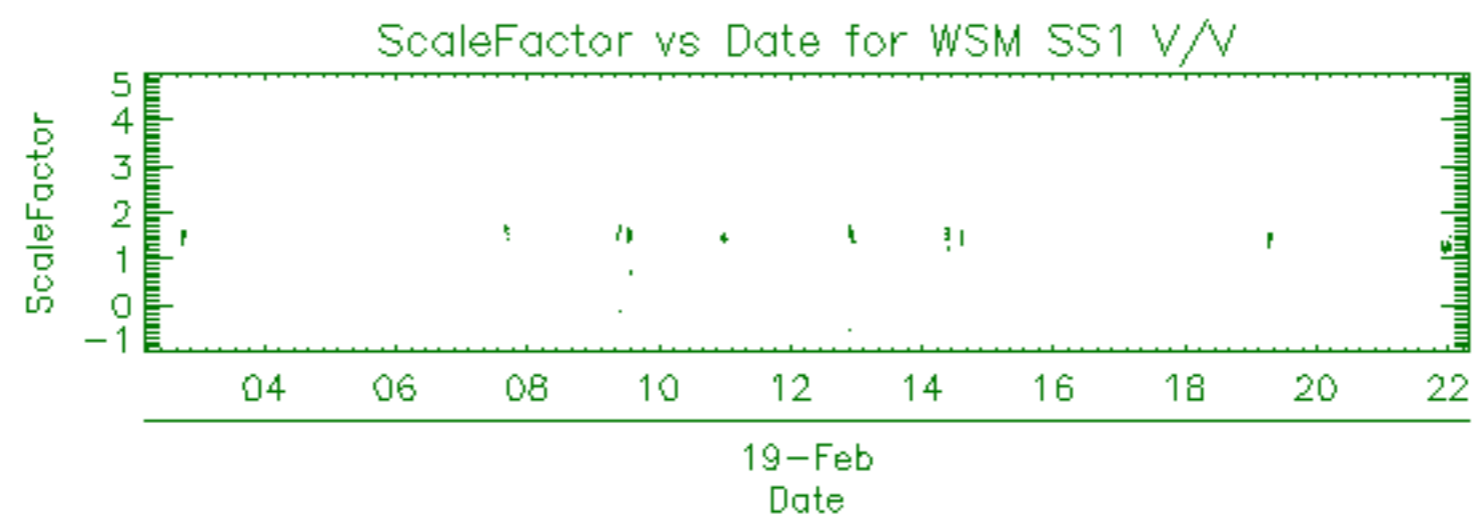
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120219_025205_000001063111_00420_52158_3028.N1						IS1	V/V	111	52158	420	5.04
ASA_APM_1PNPDE20120219_052836_000001773111_00422_52160_3106.N1						IS1	V/V	111	52160	422	5.04
ASA_APM_1PNPDE20120219_152637_000000703111_00428_52166_3243.N1						IS2	H/H	111	52166	428	5.04
ASA_APM_1PNPDE20120219_170533_000000873111_00429_52167_3246.N1						IS4	H/H	111	52167	429	5.04



ASA_GM1_1PNPDK20120219_202413_000005553111_00430_52168_8734.N1	SS1	H/H	111	52168	430	5.04
ASA_GM1_1PNPDK20120219_203618_000001443111_00431_52169_8737.N1	SS1	H/H	111	52169	431	5.04
ASA_GM1_1PNPDE20120219_205044_000003383111_00431_52169_3268.N1	SS1	H/H	111	52169	431	5.04
ASA_GM1_1PNPDE20120219_212509_000000963111_00431_52169_3270.N1	SS1	H/H	111	52169	431	5.04
ASA_GM1_1PNPDE20120219_213300_000006283111_00431_52169_3272.N1	SS1	H/H	111	52169	431	5.04
ASA_GM1_1PNPDE20120219_220603_000006043112_00001_52170_3289.N1	SS1	H/H	112	52170	1	5.04
ASA_GM1_1PNPDE20120219_221914_000000843112_00001_52170_3290.N1	SS1	H/H	112	52170	1	5.04
ASA_GM1_1PNPDE20120219_222626_000005793112_00001_52170_3294.N1	SS1	H/H	112	52170	1	5.04
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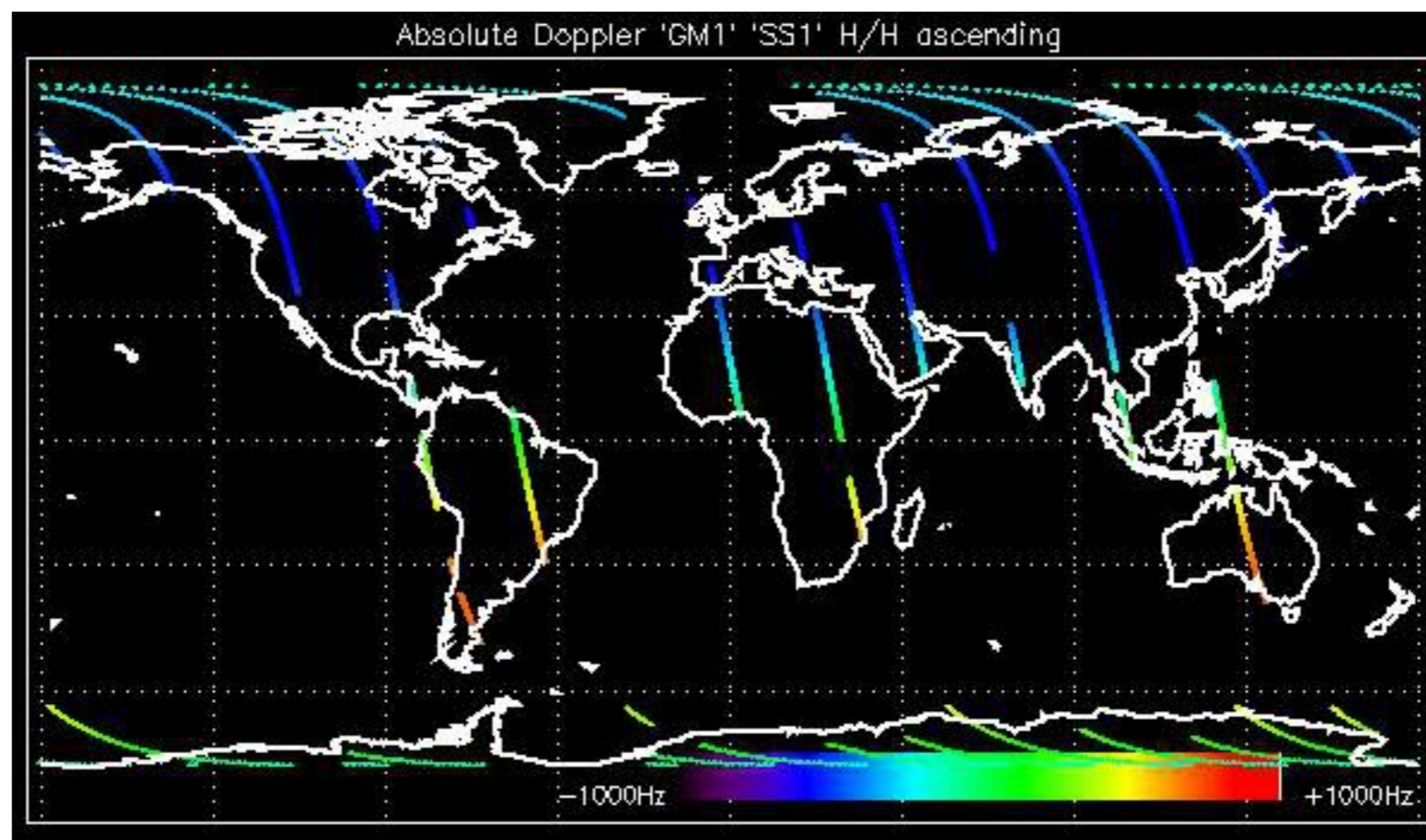
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ASA_IMM_1PNPDE20120219_042023_000001423111_00421_52159_3064.N1						IS6	H/H	111	52159	421	5.04
ASA_IMM_1PNPDE20120219_075110_000000833111_00423_52161_3152.N1						IS2	V/V	111	52161	423	5.04
ASA_IMM_1PNPDE20120219_075249_000000383111_00423_52161_3153.N1						IS4	V/V	111	52161	423	5.04
ASA_IMM_1PNPDE20120219_075410_000003533111_00423_52161_3154.N1						IS2	V/V	111	52161	423	5.04
ASA_IMM_1PNPDK20120219_091830_000001033111_00424_52162_8505.N1						IS6	H/H	111	52162	424	5.04
ASA_IMM_1PNPDE20120219_114955_00000523111_00425_52163_3224.N1						IS6	H/H	111	52163	425	5.04
ASA_IMM_1PNPDE20120219_174034_000002233111_00429_52167_3252.N1						IS6	H/H	111	52167	429	5.04
ASA_IMM_1PNPDE20120219_174422_000000423111_00429_52167_3254.N1						IS2	V/V	111	52167	429	5.04
ASA_IMM_1PNPDE20120219_174515_000000353111_00429_52167_3253.N1						IS6	H/H	111	52167	429	5.04
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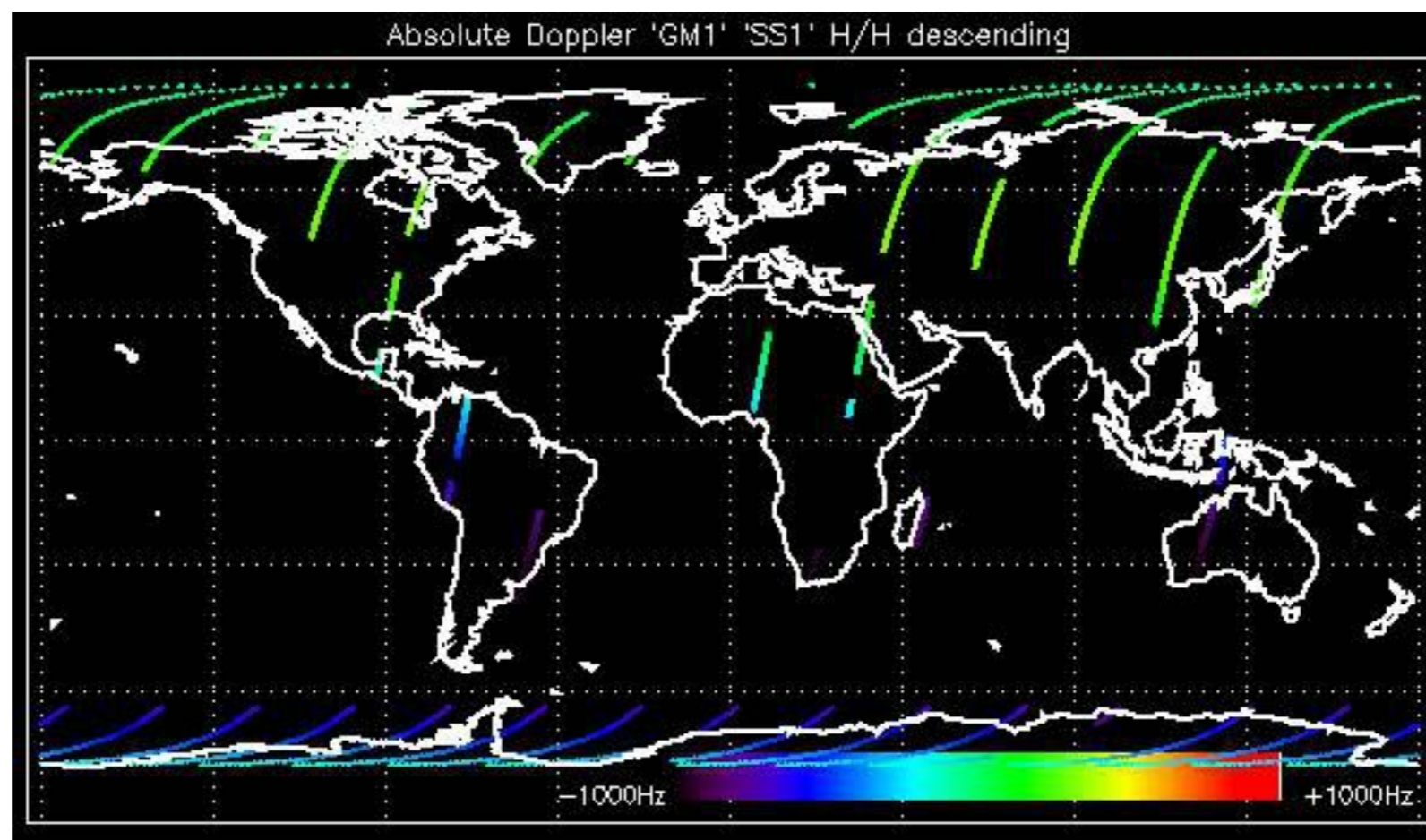
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ASA_MS__0PNPDK20120219_062923_000000163111_00422_52160_1039.N1	V	2012-02-19 06:29:23	320
ASA_MS__0PNPDE20120219_231142_000000163112_00001_52170_0471.N1	H	2012-02-19 23:11:42	320

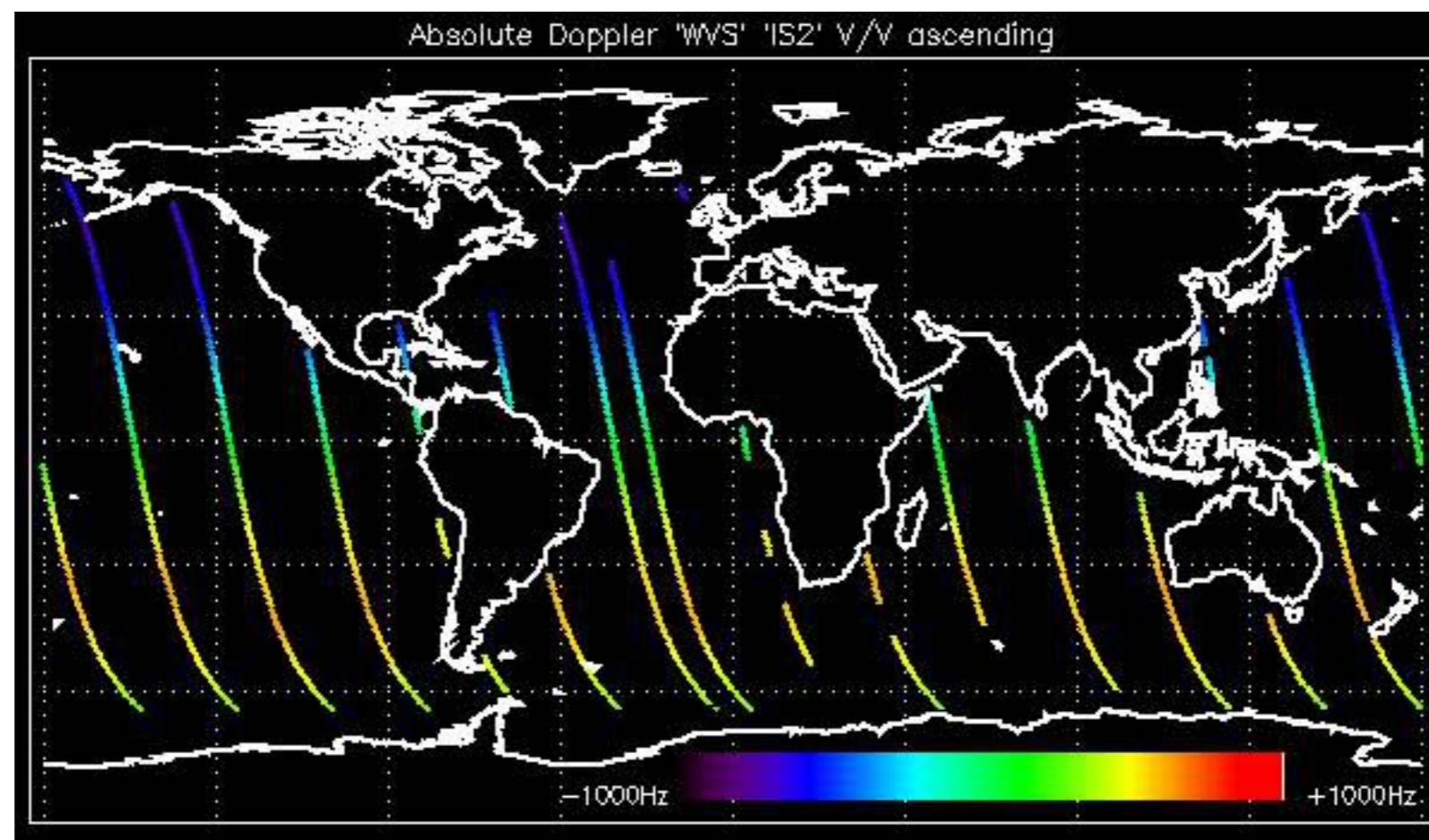


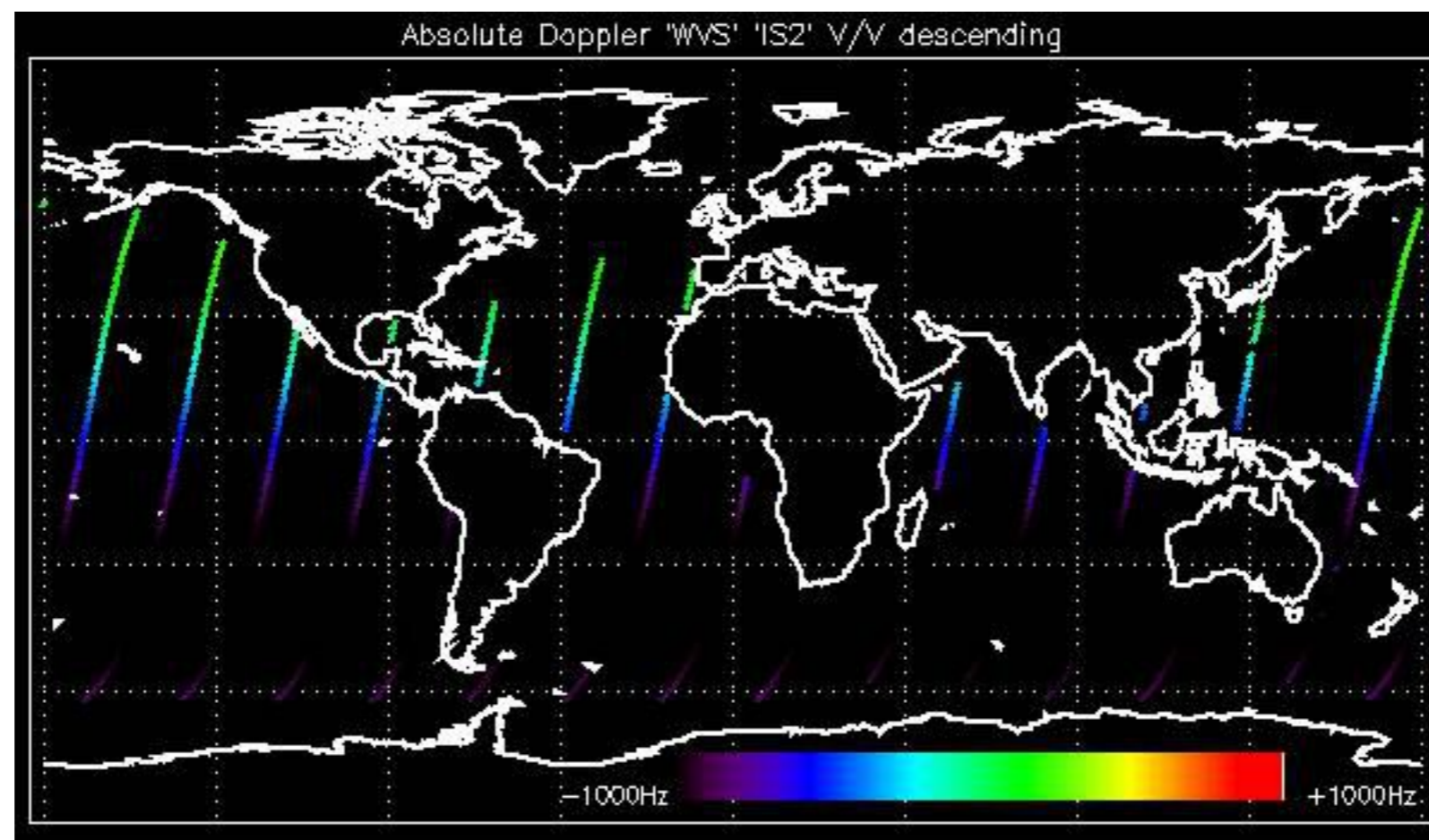
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ASA_WSM_1PNPDE20120219_003709_000005513111_00419_52157_3023.N1						SS1	H/H	111	52157	419	5.04
ASA_WSM_1PNPDE20120219_005745_000001593111_00419_52157_3024.N1						SS1	H/H	111	52157	419	5.04
ASA_WSM_1PNPDE20120219_013149_000001653111_00419_52157_3003.N1						SS1	H/H	111	52157	419	5.04
ASA_WSM_1PNPDE20120219_014002_000000983111_00419_52157_3022.N1						SS1	H/H	111	52157	419	5.04
ASA_WSM_1PNPDK20120219_021056_000001163111_00420_52158_8417.N1						SS1	V/V	111	52158	420	5.04
ASA_WSM_1PNPDK20120219_021303_000001713111_00420_52158_8418.N1						SS1	H/H	111	52158	420	5.04
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3032.N1						SS1	H/H	111	52158	420	5.04
ASA_WSM_1PNPDE20120219_022241_000005693111_00420_52158_3031.N1						SS1	H/H	111	52158	420	5.04
ASA_WSM_1PNPDE20120219_024421_000001593111_00420_52158_3026.N1						SS1	V/V	111	52158	420	5.04
ASA_WSM_1PNPDE20120219_031906_000003303111_00420_52158_3062.N1						SS1	H/H	111	52158	420	5.04
ASA_WSM_1PNPDK20120219_035303_000001473111_00421_52159_8433.N1						SS1	H/H	111	52159	421	5.04
ASA_WSM_1PNPDE20120219_042355_000004473111_00421_52159_3065.N1						SS1	H/H	111	52159	421	5.04
ASA_WSM_1PNPDE20120219_045743_000003303111_00421_52159_3105.N1						SS1	H/H	111	52159	421	5.04
ASA_WSM_1PNPDE20120219_060057_000004593111_00422_52160_3107.N1						SS1	H/H	111	52160	422	5.04
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ASA_WSM_1PNPDE20120219_074004_000000923111_00423_52161_3149.N1						SS1	V/V	111	52161	423	5.04
ASA_WSM_1PNPDE20120219_074817_000000983111_00423_52161_3151.N1						SS1	H/H	111	52161	423	5.04
ASA_WSM_1PNPDK20120219_082011_000002143111_00423_52161_8496.N1						SS1	H/H	111	52161	423	5.04
ASA_WSM_1PNPDK20120219_091147_000000923111_00424_52162_8495.N1						SS1	H/H	111	52162	424	5.04
ASA_WSM_1PNPDK20120219_091346_000002693111_00424_52162_8504.N1						SS1	H/H	111	52162	424	5.04
ASA_WSM_1PNPDE20120219_091542_000001533111_00424_52162_3174.N1						SS1	H/H	111	52162	424	5.04
ASA_WSM_1PNPDE20120219_092139_000002453111_00424_52162_3179.N1						SS1	V/V	111	52162	424	5.04
ASA_WSM_1PNPDE20120219_093102_000002513111_00424_52162_3180.N1						SS1	V/V	111	52162	424	5.04
ASA_WSM_1PNPDE20120219_095844_000002753111_00424_52162_3209.N1						SS1	H/H	111	52162	424	5.04
ASA_WSM_1PNPDE20120219_104344_000001353111_00425_52163_3210.N1						SS1	H/H	111	52163	425	5.04
ASA_WSM_1PNPDK20120219_104629_000003673111_00425_52163_8536.N1						SS1	H/H	111	52163	425	5.04
ASA_WSM_1PNPDE20120219_105746_000002323111_00425_52163_3205.N1						SS1	V/V	111	52163	425	5.04
ASA_WSM_1PNPDE20120219_110449_000003123111_00425_52163_3207.N1						SS1	H/H	111	52163	425	5.04
ASA_WSM_1PNPDK20120219_122523_000004713111_00426_52164_8569.N1						SS1	H/H	111	52164	426	5.04
ASA_WSM_1PNPDE20120219_125313_000002943111_00426_52164_3232.N1						SS1	V/V	111	52164	426	5.04
ASA_WSM_1PNPDK20120219_131837_000002393111_00426_52164_8605.N1						SS1	H/H	111	52164	426	5.04
ASA_WSM_1PNPDK20120219_140845_000001533111_00427_52165_8606.N1						SS1	H/H	111	52165	427	5.04
ASA_WSM_1PNPDE20120219_141649_000000363111_00427_52165_3240.N1						SS1	H/H	111	52165	427	5.04
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ASA_WSM_1PNPDE20120219_143449_000000923111_00427_52165_3241.N1						SS1	V/V	111	52165	427	5.04
ASA_WSM_1PNPDE20120219_152035_000000923111_00427_52165_3242.N1						SS1	H/H	111	52165	427	5.04
ASA_WSM_1PNPDE20120219_154828_000003303111_00428_52166_3245.N1						SS1	H/H	111	52166	428	5.04
ASA_WSM_1PNPDK20120219_160001_000001533111_00428_52166_8659.N1						SS1	H/H	111	52166	428	5.04
ASA_WSM_1PNPDE20120219_164311_000002143111_00428_52166_3244.N1						SS1	H/H	111	52166	428	5.04
ASA_WSM_1PNPDE20120219_171132_000002943111_00429_52167_3247.N1						SS1	H/H	111	52167	429	5.04
ASA_WSM_1PNPDK20120219_172743_000001903111_00429_52167_8669.N1						SS1	H/H	111	52167	429	5.04
ASA_WSM_1PNPDE20120219_182342_000001533111_00429_52167_3251.N1						SS1	H/H	111	52167	429	5.04
ASA_WSM_1PNPDK20120219_190000_000001533111_00430_52168_8693.N1						SS1	H/H	111	52168	430	5.04
ASA_WSM_1PNPDK20120219_190444_000001533111_00430_52168_8695.N1						SS1	H/H	111	52168	430	5.04
ASA_WSM_1PNPDE20120219_190641_000003063111_00430_52168_3255.N1						SS1	H/H	111	52168	430	5.04
ASA_WSM_1PNPDE20120219_191455_000002513111_00430_52168_3258.N1						SS1	V/V	111	52168	430	5.04
ASA_WSM_1PNPDE20120219_201129_000001043111_00430_52168_3259.N1						SS1	H/H	111	52168	430	5.04
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ASA_WSM_1PNPDK20120219_203846_000002693111_00431_52169_8743.N1						SS1	H/H	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_204408_000003923111_00431_52169_3292.N1						SS1	H/H	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_205628_000001533111_00431_52169_3293.N1						SS1	H/H	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_214336_000003363111_00431_52169_3279.N1						SS1	H/H	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_215351_000001713111_00431_52169_3281.N1						SS1	V/V	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_215856_000002513111_00431_52169_3283.N1						SS1	V/V	111	52169	431	5.04
ASA_WSM_1PNPDE20120219_221609_000001843112_00001_52170_3284.N1						SS1	V/V	112	52170	1	5.04
ASA_WSM_1PNPDK20120219_222242_000002203112_00001_52170_8757.N1						SS1	H/H	112	52170	1	5.04
ASA_WSM_1PNPDE20120219_223606_000001533112_00001_52170_3304.N1						SS1	H/H	112	52170	1	5.04
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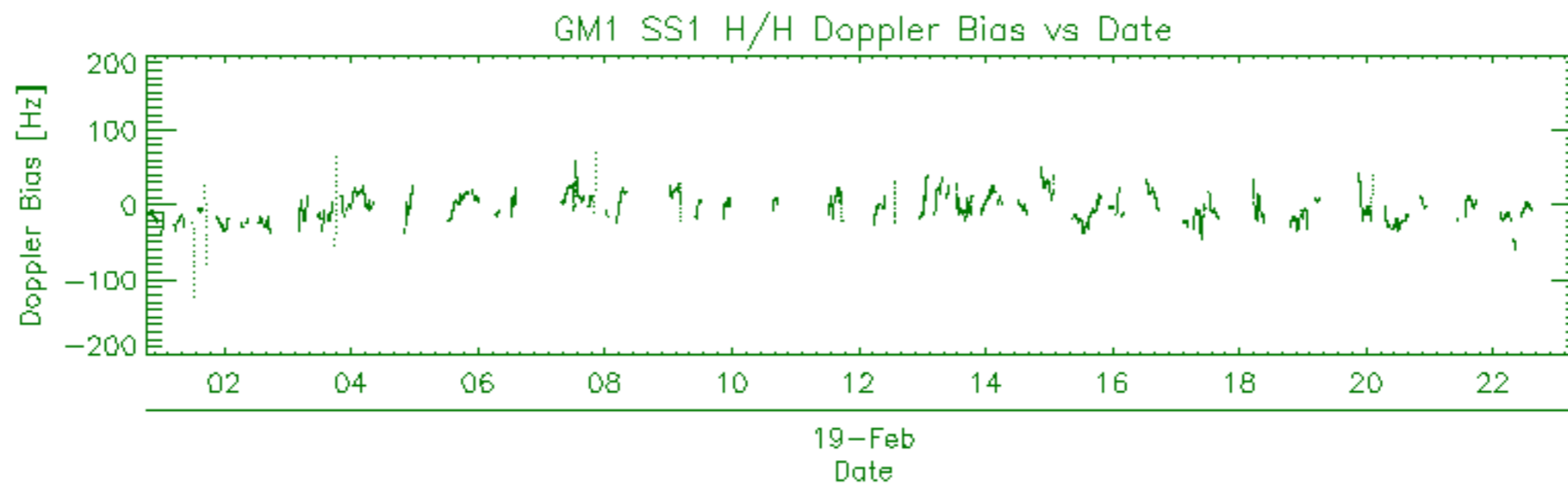
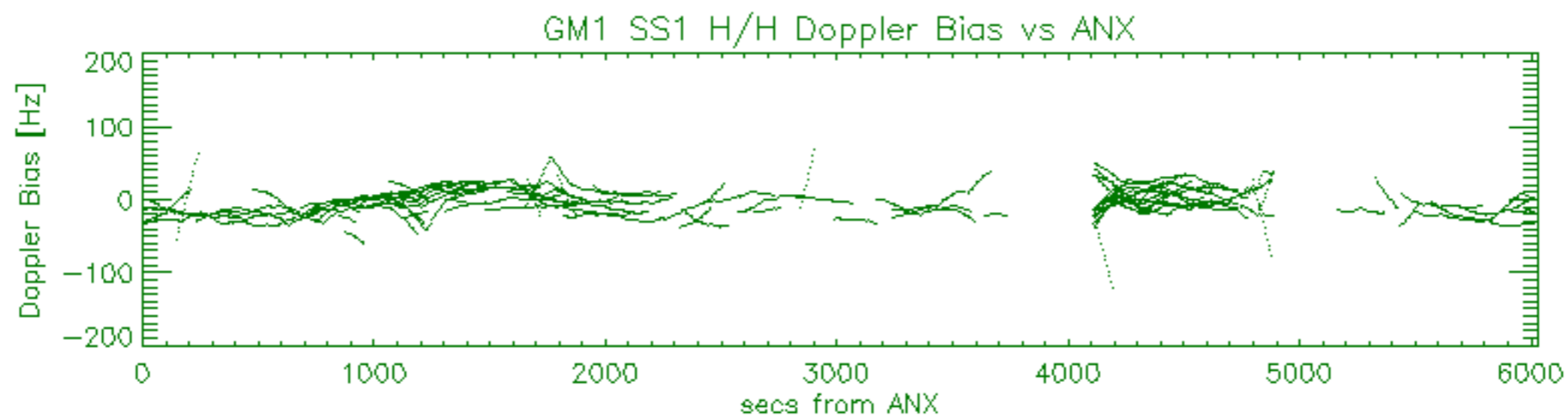
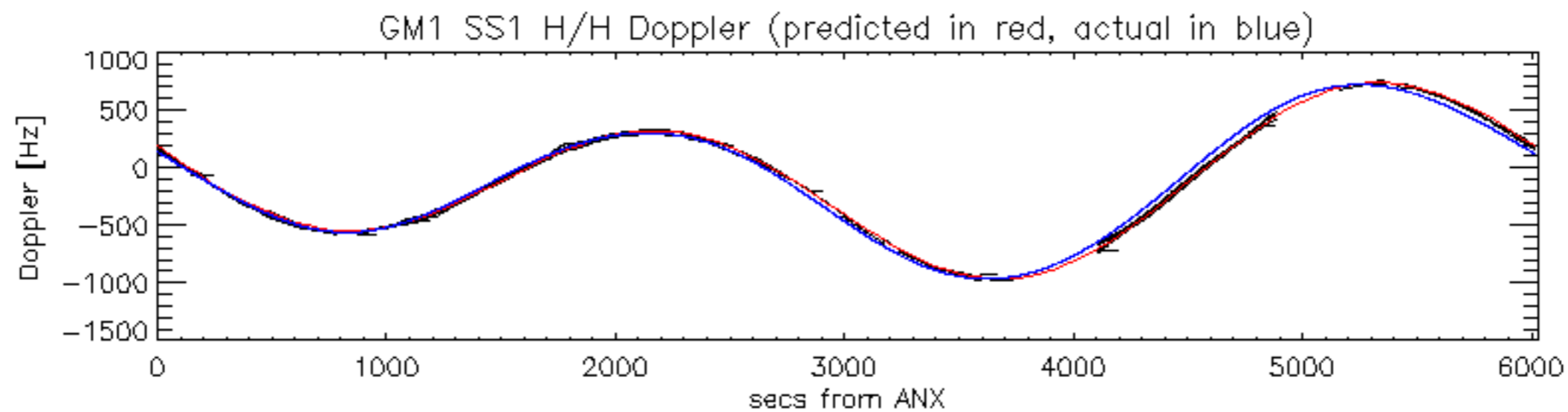
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ASA_WVS_1PNPDE20120219_000836_000016643111_00418_52156_3005.N1						IS2	V/V	111	52156	418	5.04
ASA_WVS_1PNPDE20120219_010246_000004873111_00419_52157_3009.N1						IS2	V/V	111	52157	419	5.04
ASA_WVS_1PNPDE20120219_012143_000004653111_00419_52157_3012.N1						IS2	V/V	111	52157	419	5.04
ASA_WVS_1PNPDE20120219_014314_000003743111_00419_52157_3014.N1						IS2	V/V	111	52157	419	5.04
ASA_WVS_1PNPDE20120219_014829_000002403111_00419_52157_3029.N1						IS2	V/V	111	52157	419	5.04
ASA_WVS_1PNPDE20120219_014314_000003743111_00419_52157_3014.N1						IS1	V/V	111	52157	419	5.04
ASA_WVS_1PNPDE20120219_020352_000003743111_00420_52158_3041.N1						IS2	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_024941_000000443111_00420_52158_3040.N1						IS2	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_025357_000004653111_00420_52158_3044.N1						IS2	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_030112_000005103111_00420_52158_3070.N1						IS2	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_025357_000004653111_00420_52158_3044.N1						IS1	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_032438_000001503111_00420_52158_3068.N1						IS2	V/V	111	52158	420	5.04
ASA_WVS_1PNPDE20120219_033400_000001493111_00420_52158_3066.N1						IS2	V/V	111	52158	420	5.04
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ASA_WVS_1PNPDE20120219_043123_000007053111_00421_52159_3078.N1						IS1	V/V	111	52159	421	5.04
ASA_WVS_1PNPDE20120219_044653_000000903111_00421_52159_3109.N1						IS2	V/V	111	52159	421	5.04
ASA_WVS_1PNPDE20120219_050333_000014693111_00421_52159_3112.N1						IS2	V/V	111	52159	421	5.04
ASA_WVS_1PNPDE20120219_060833_000004193111_00422_52160_3114.N1						IS2	V/V	111	52160	422	5.04
ASA_WVS_1PNPDE20120219_061950_000002403111_00422_52160_3115.N1						IS2	V/V	111	52160	422	5.04
ASA_WVS_1PNPDK20120219_062320_000003303111_00422_52160_8452.N1						IS2	V/V	111	52160	422	5.04
ASA_WVS_1PNPDE20120219_061950_000002403111_00422_52160_3115.N1						IS1	V/V	111	52160	422	5.04
ASA_WVS_1PNPDK20120219_064347_000020693111_00422_52160_8455.N1						IS2	V/V	111	52160	422	5.04
ASA_WVS_1PNPDK20120219_080230_000004803111_00423_52161_8491.N1						IS2	V/V	111	52161	423	5.04
ASA_WVS_1PNPDK20120219_082401_000021593111_00423_52161_8493.N1						IS2	V/V	111	52161	423	5.04
ASA_WVS_1PNPDK20120219_093522_000009153111_00424_52162_8520.N1						IS2	V/V	111	52162	424	5.04
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ASA_WVS_1PNPDK20120219_110139_000001493111_00425_52163_8555.N1						IS2	V/V	111	52163	425	5.04
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ASA_WVS_1PNPDK20120219_114438_000002853111_00425_52163_8556.N1						IS2	V/V	111	52163	425	5.04
ASA_WVS_1PNPDK20120219_115053_000013793111_00425_52163_8560.N1						IS2	V/V	111	52163	425	5.04
ASA_WVS_1PNPDK20120219_124108_000006893111_00426_52164_8588.N1						IS2	V/V	111	52164	426	5.04
ASA_WVS_1PNPDK20120219_130433_000003903111_00426_52164_8593.N1						IS2	V/V	111	52164	426	5.04
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ASA_WVS_1PNPDK20120219_134712_000003263111_00427_52165_8597.N1						IS2	V/V	111	52165	427	5.04
ASA_WVS_1PNPDK20120219_142416_000003293111_00427_52165_8617.N1						IS2	V/V	111	52165	427	5.04
ASA_WVS_1PNPDK20120219_143826_000007803111_00427_52165_8620.N1						IS2	V/V	111	52165	427	5.04
ASA_WVS_1PNPDK20120219_150505_000008853111_00427_52165_8623.N1						IS2	V/V	111	52165	427	5.04
ASA_WVS_1PNPDK20120219_160546_000000743111_00428_52166_8647.N1						IS2	V/V	111	52166	428	5.04
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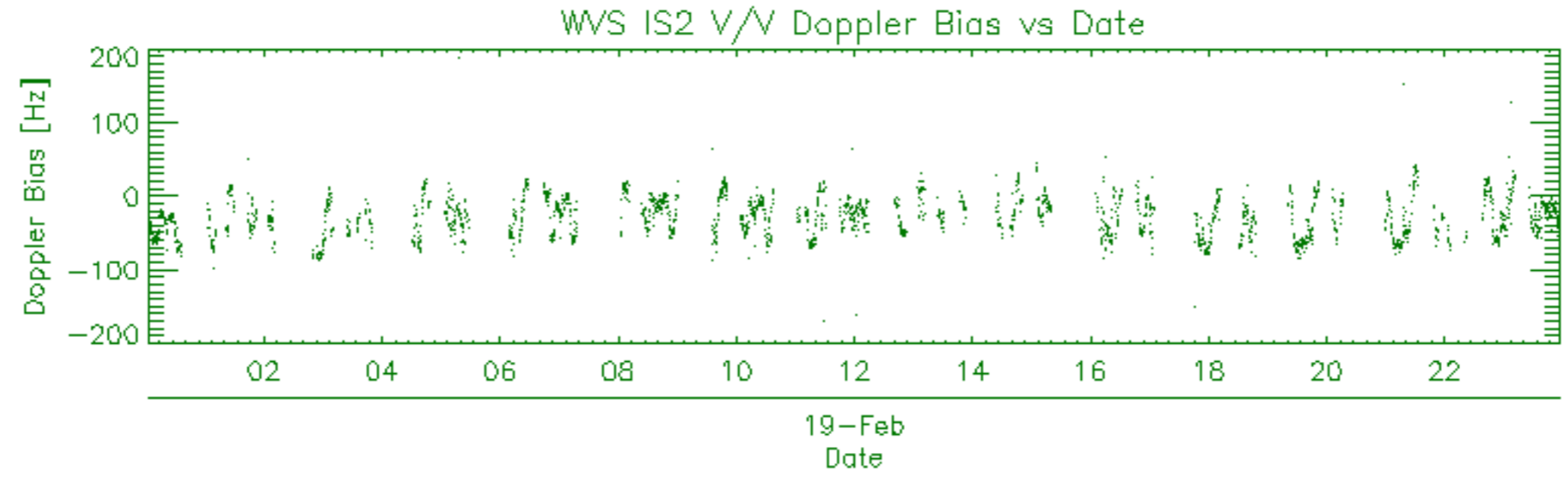
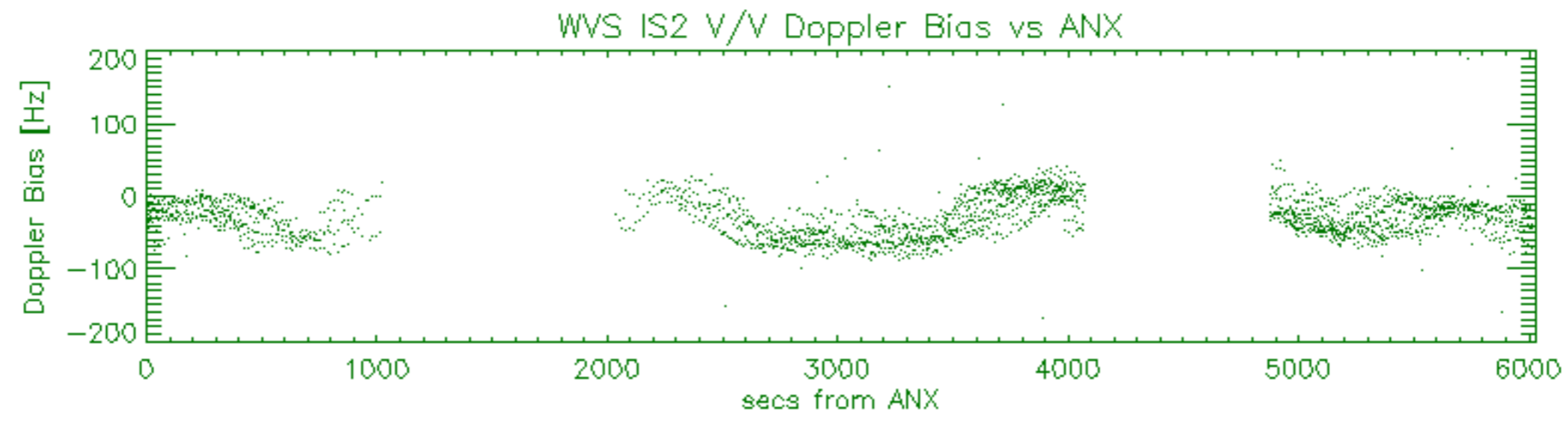
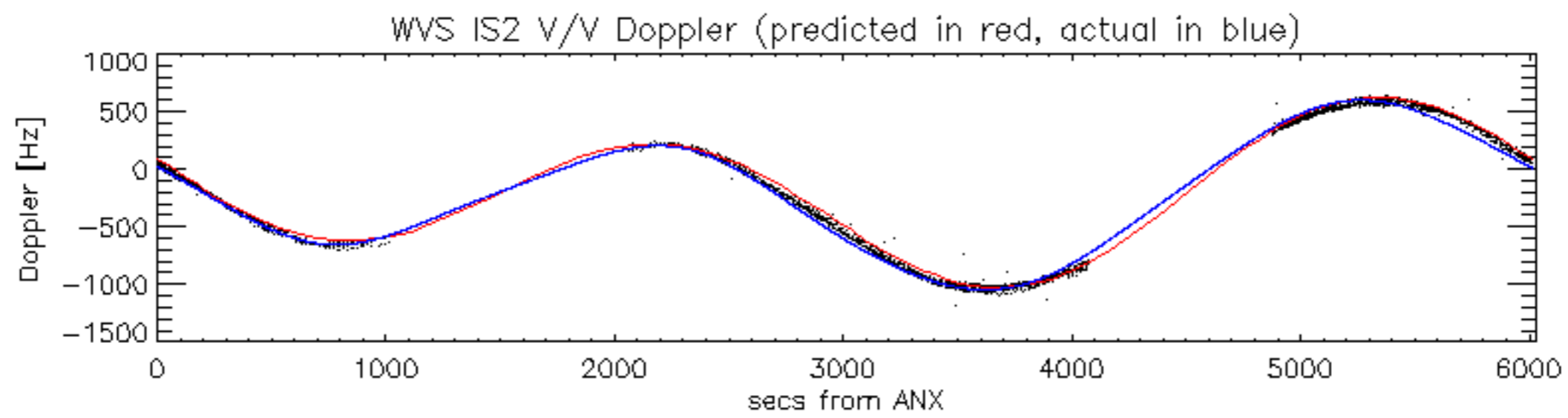




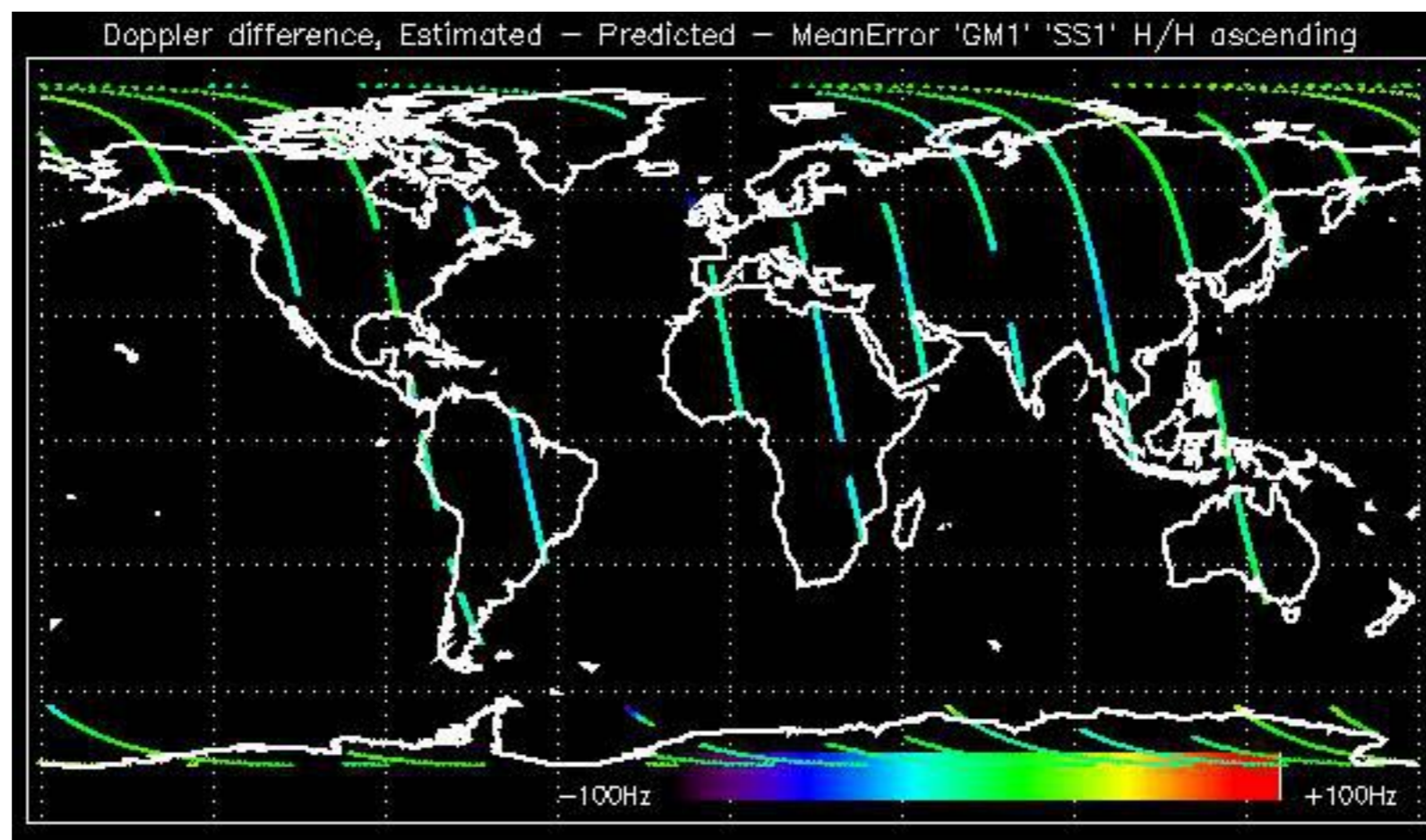


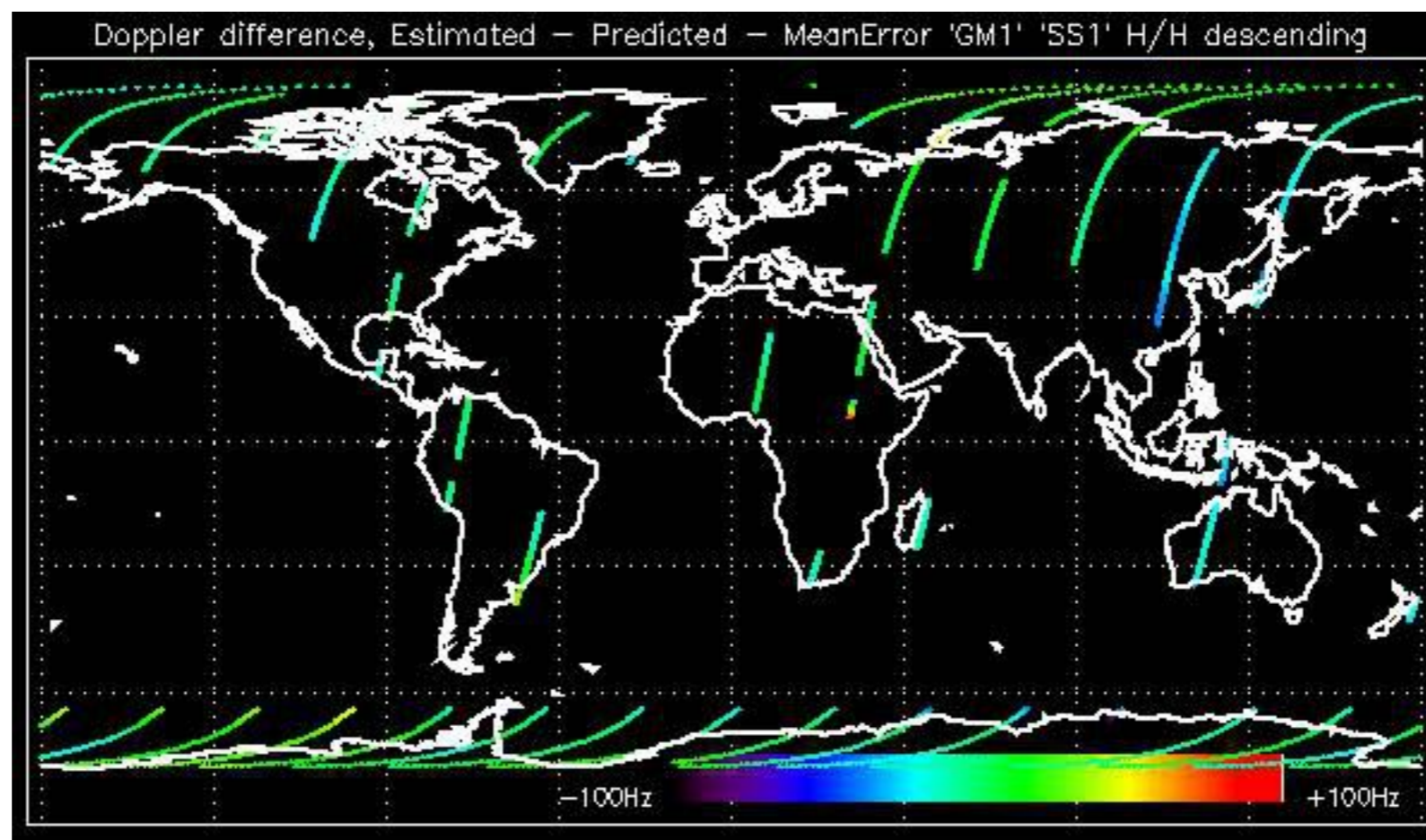


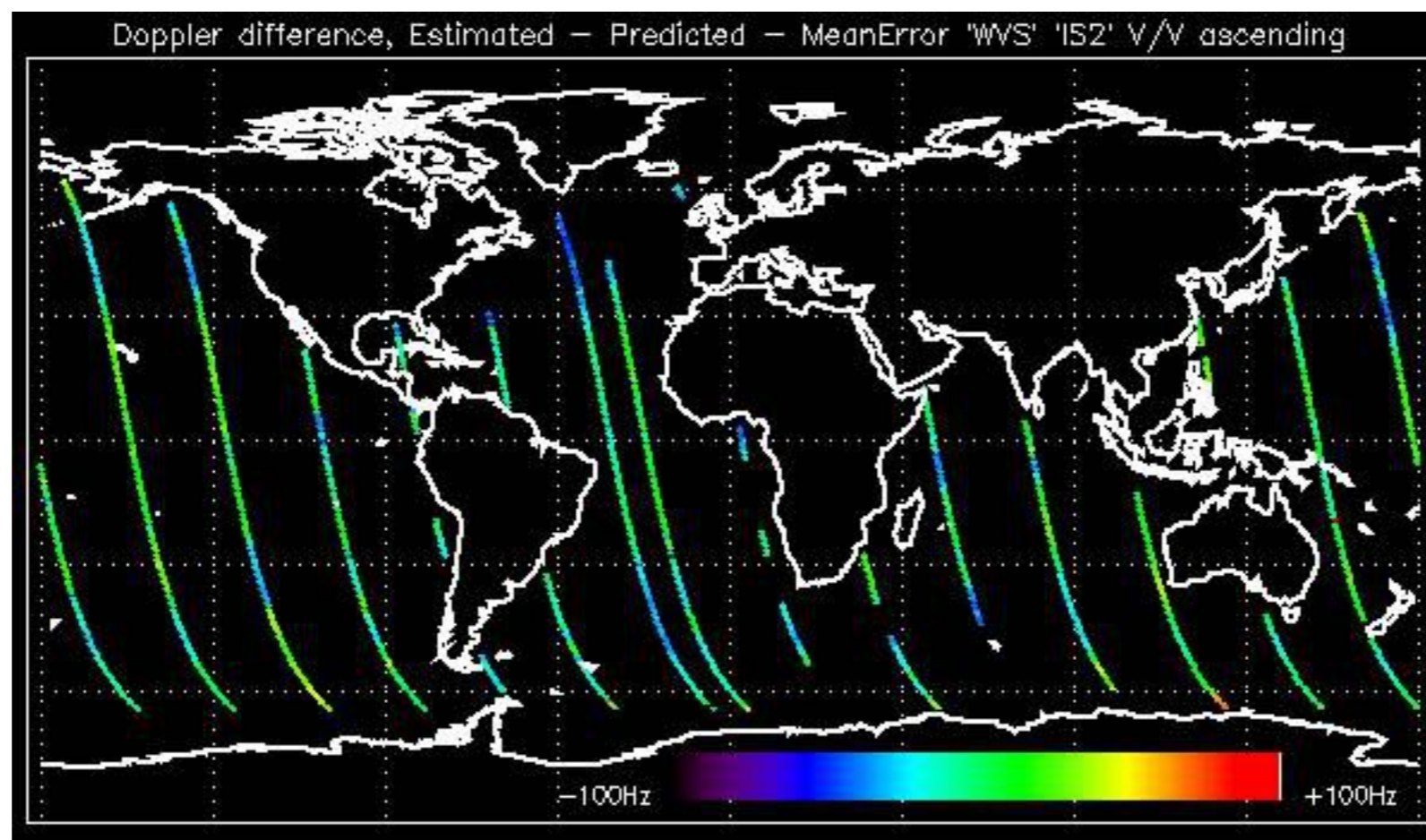


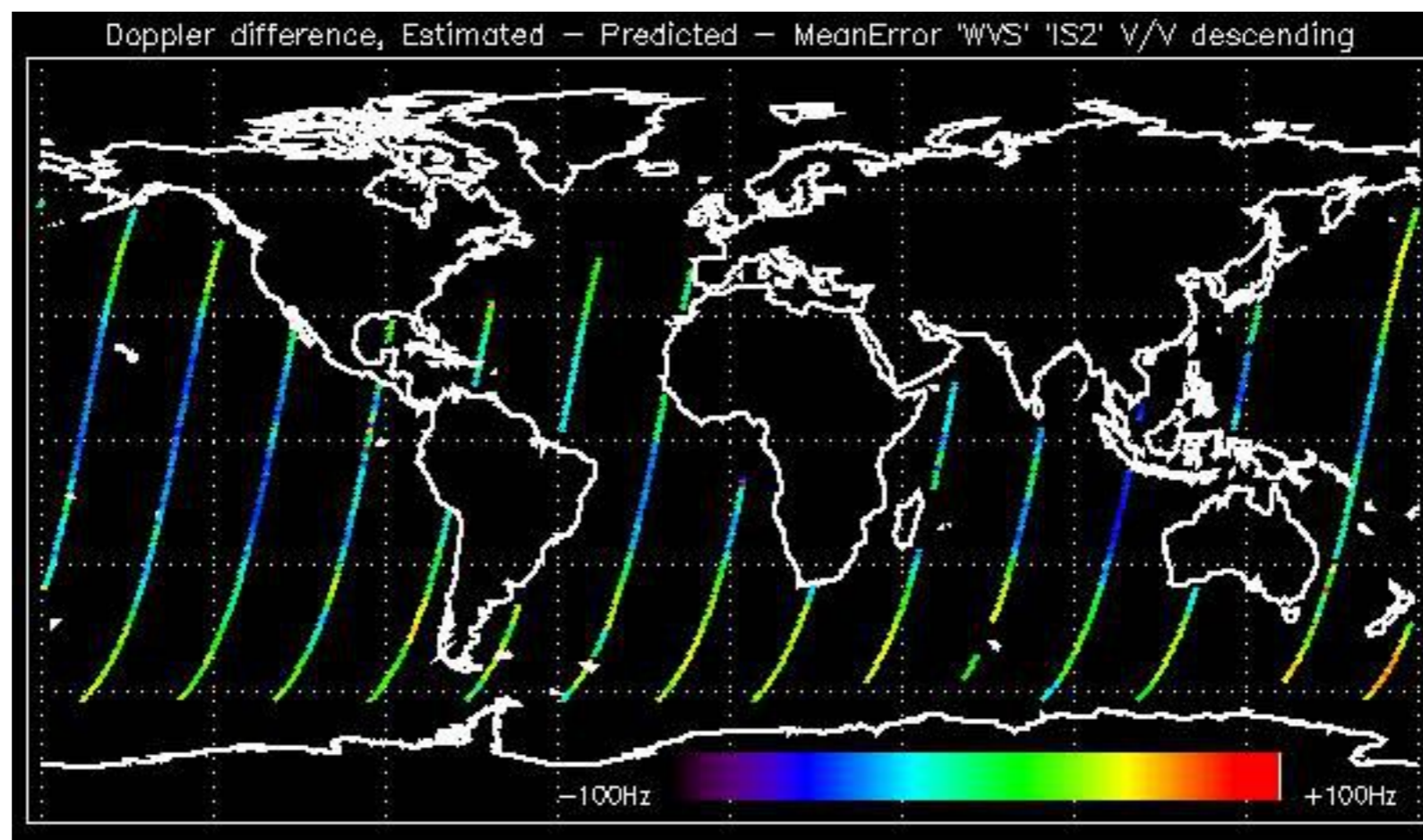


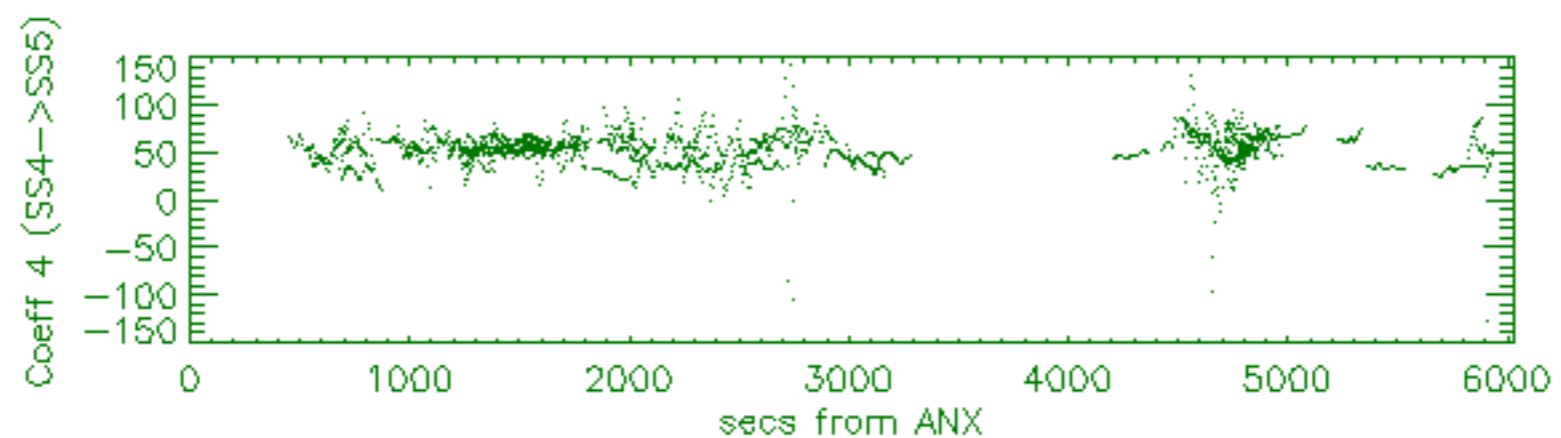
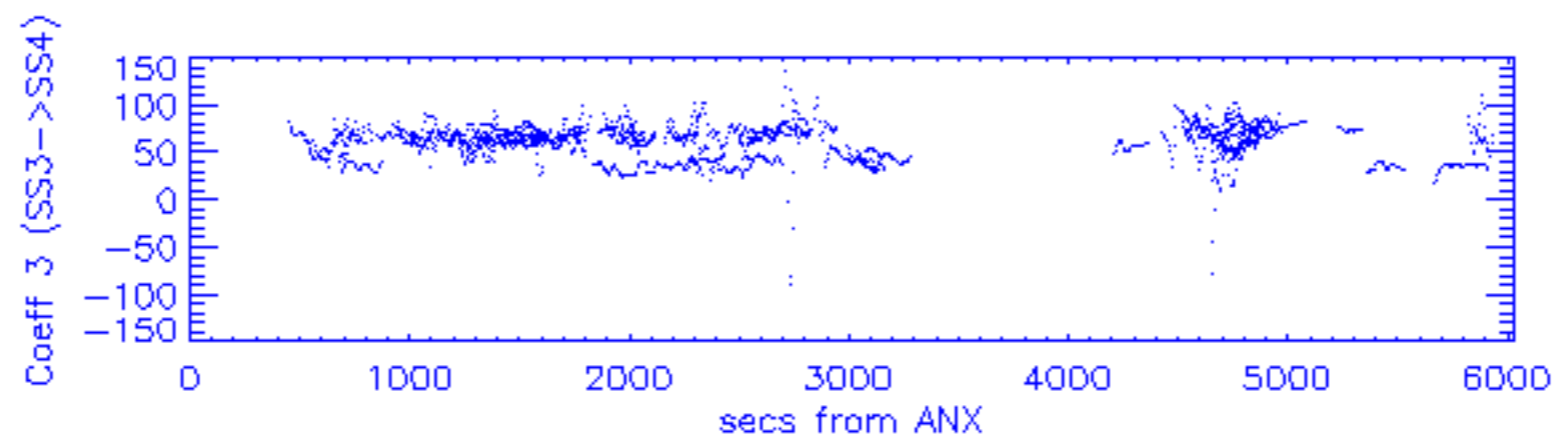
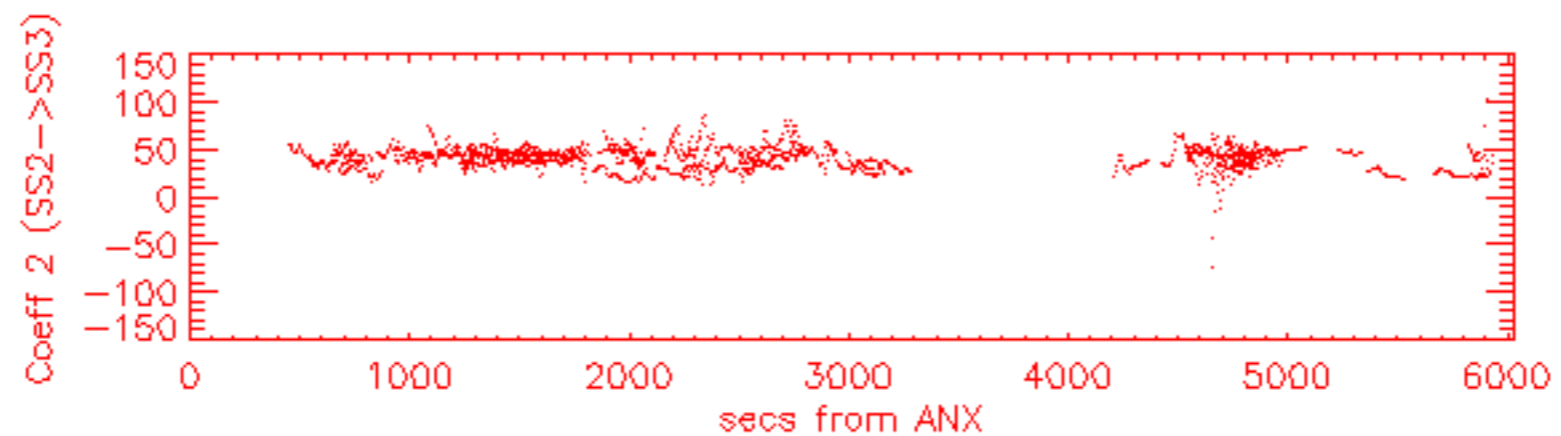
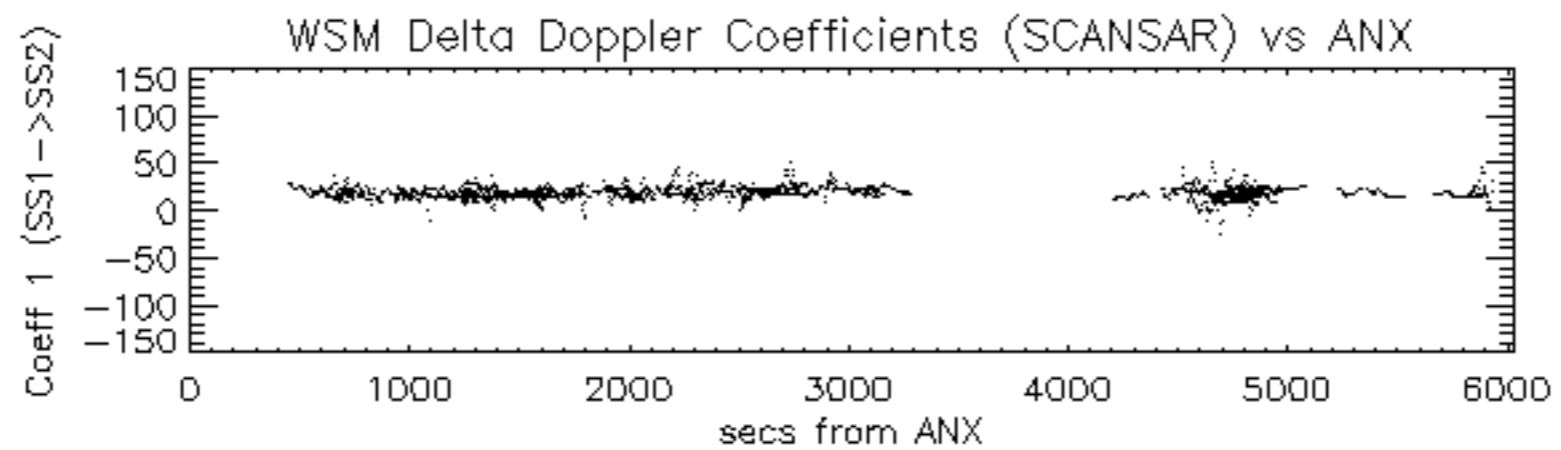


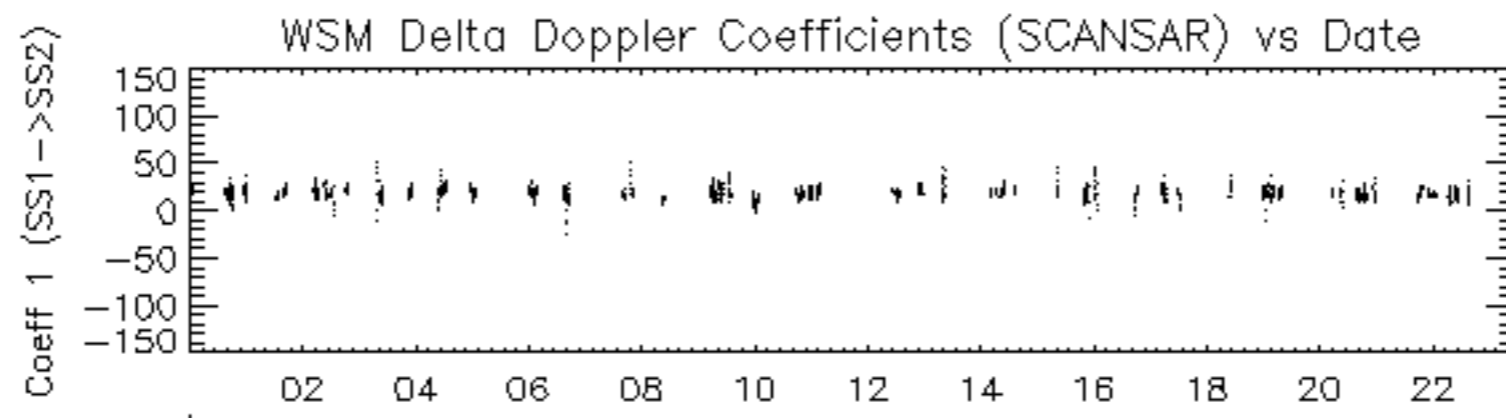




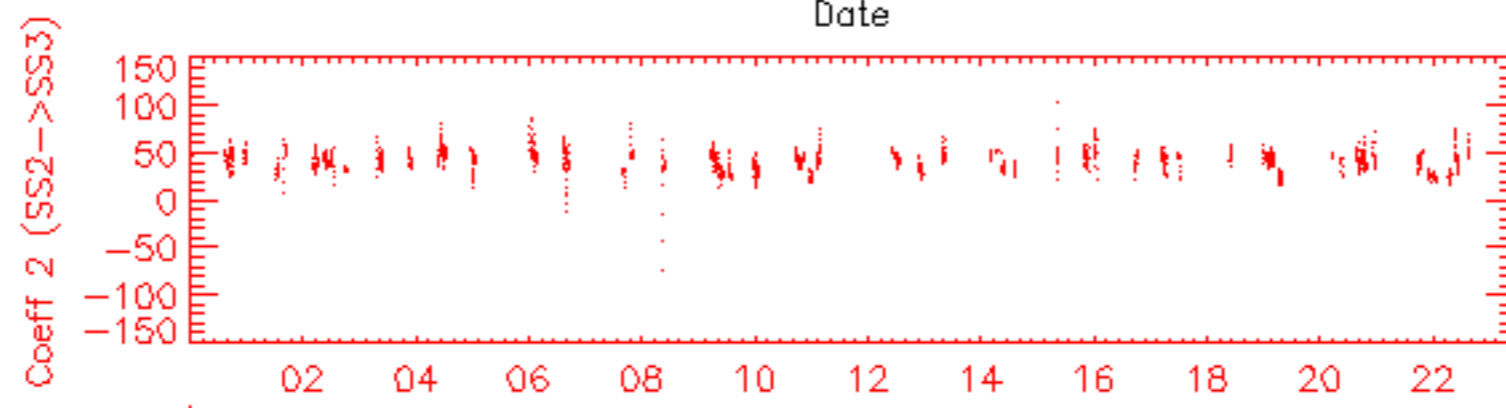




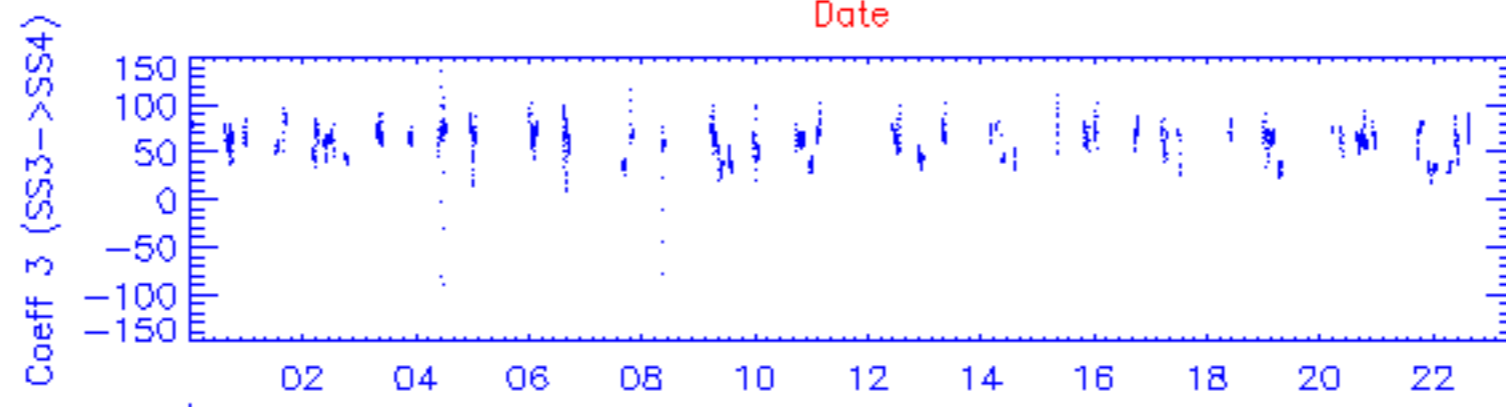




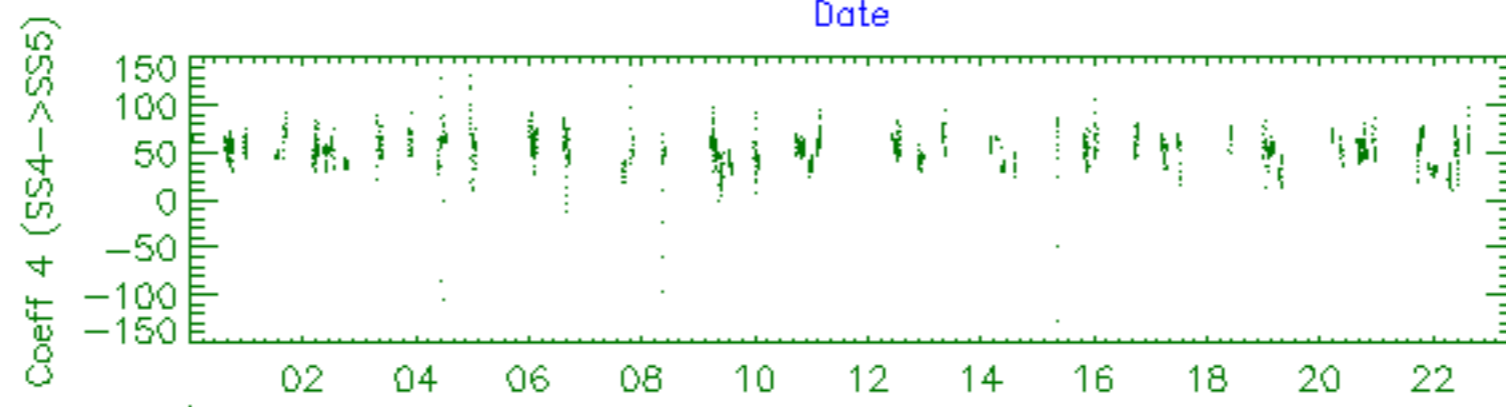
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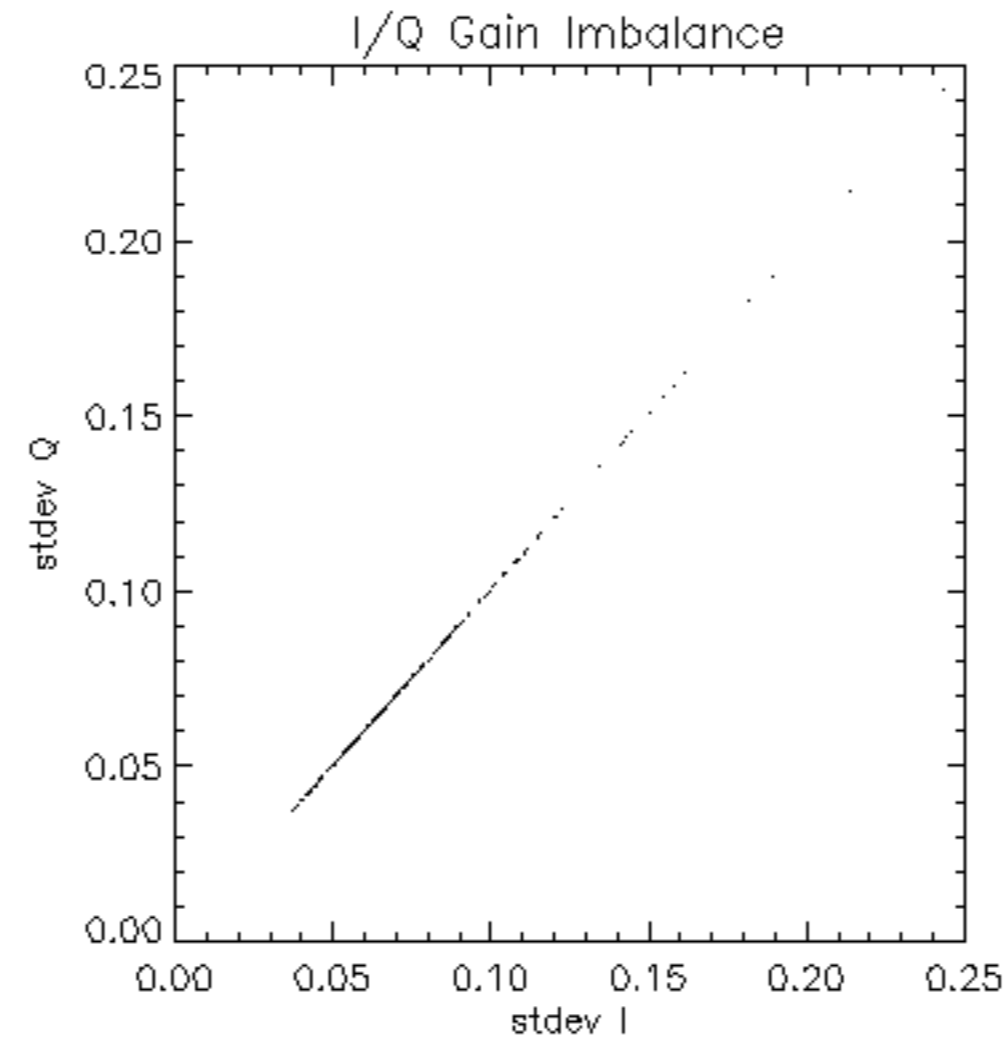


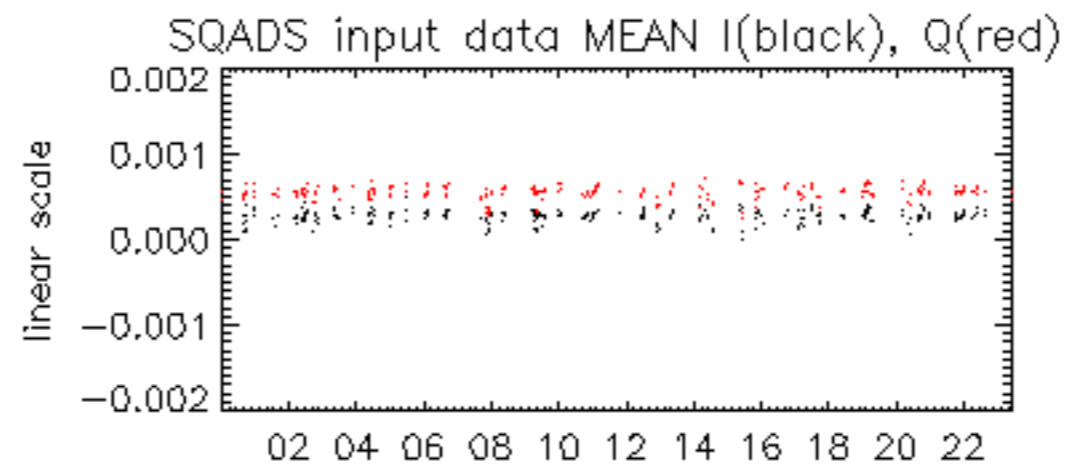




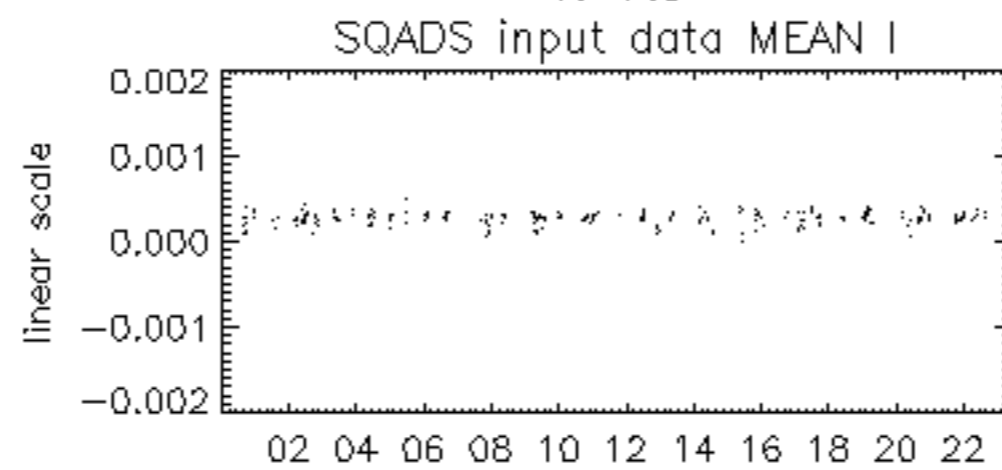




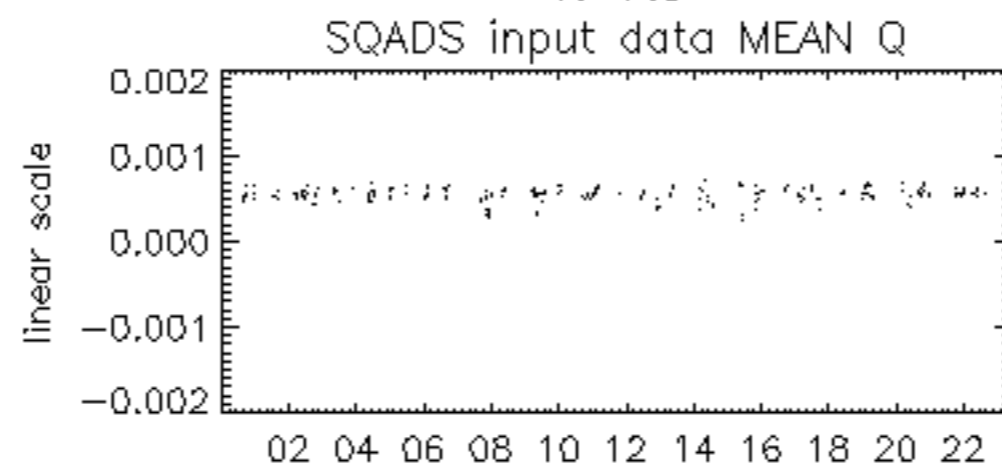




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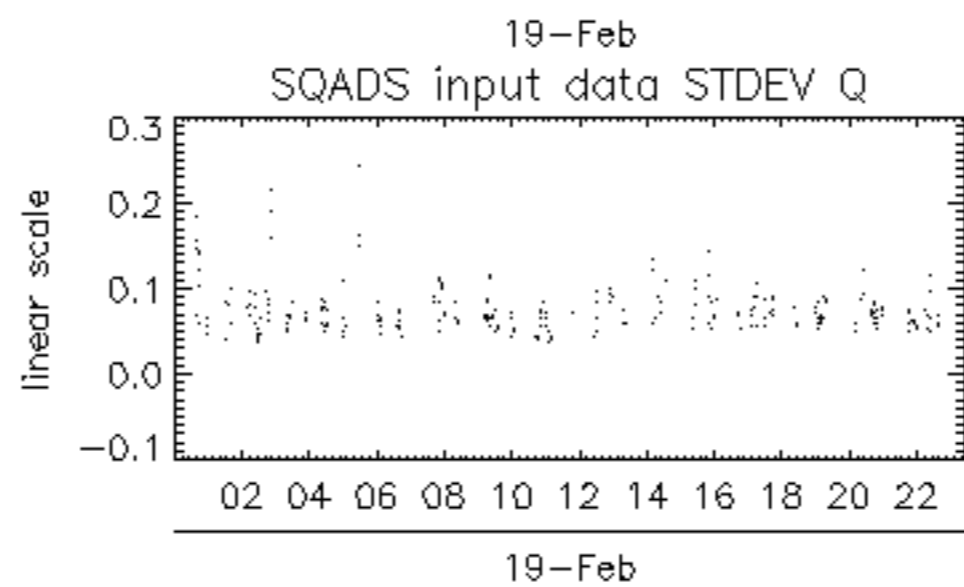
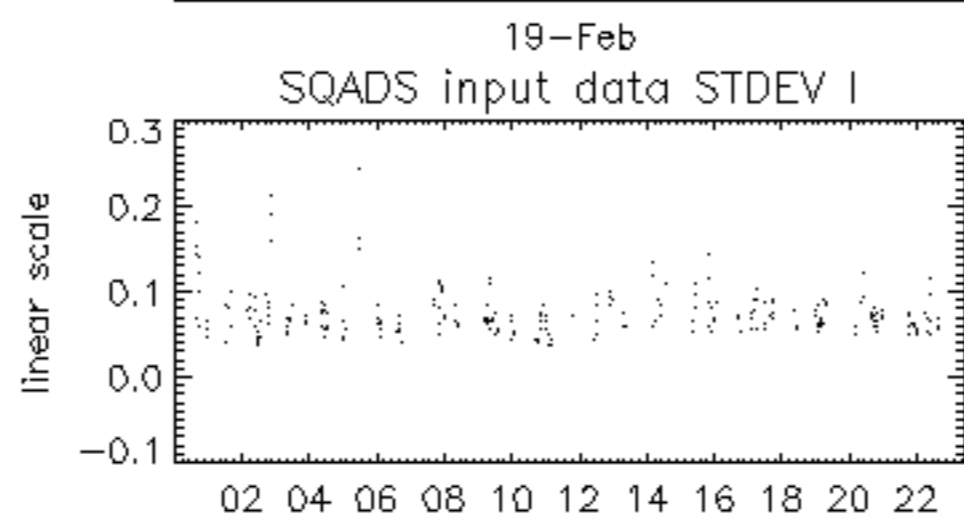
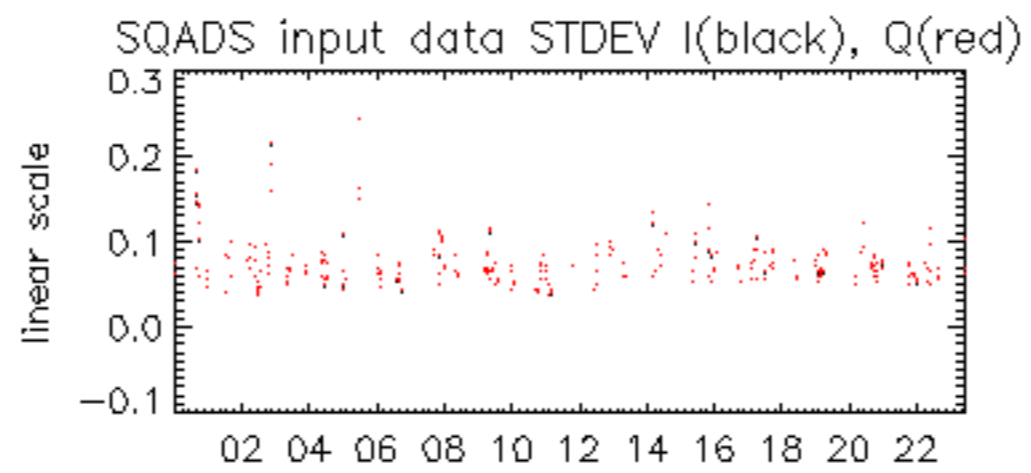


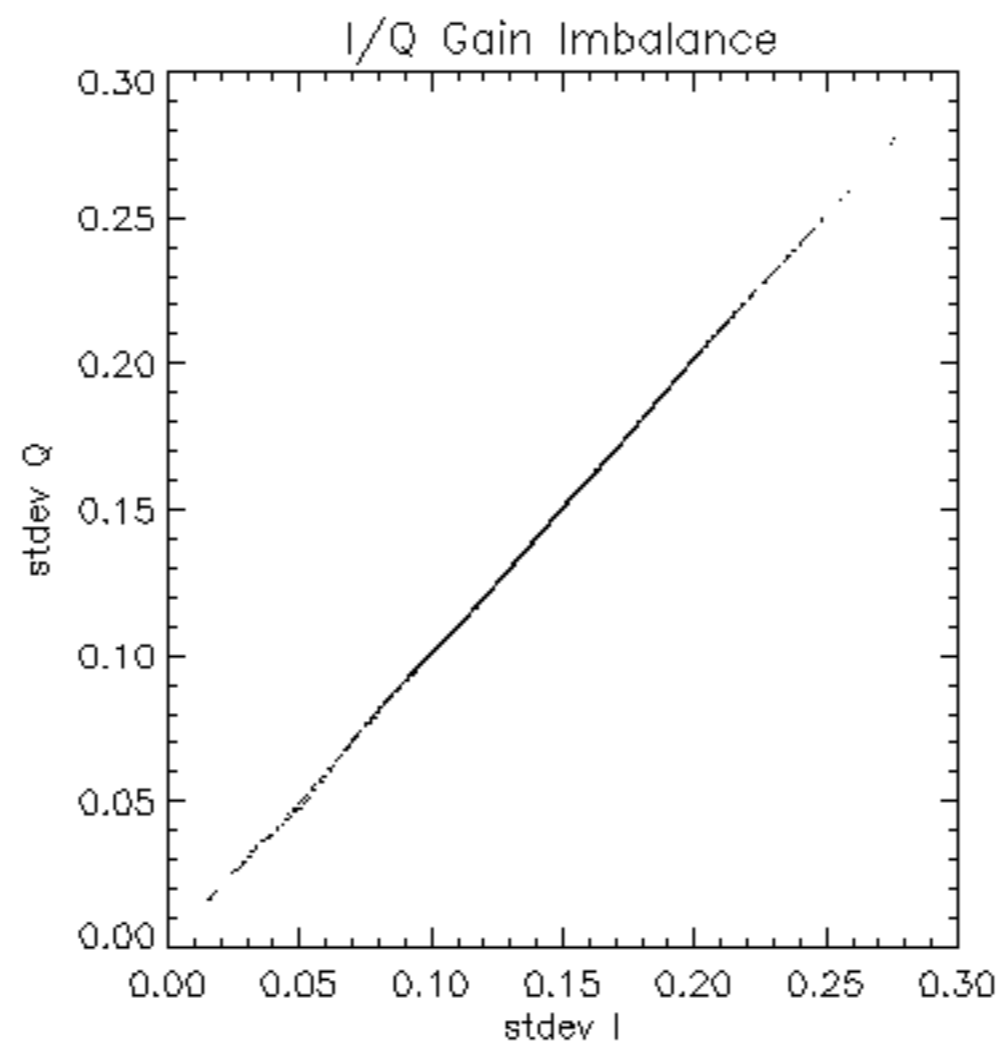
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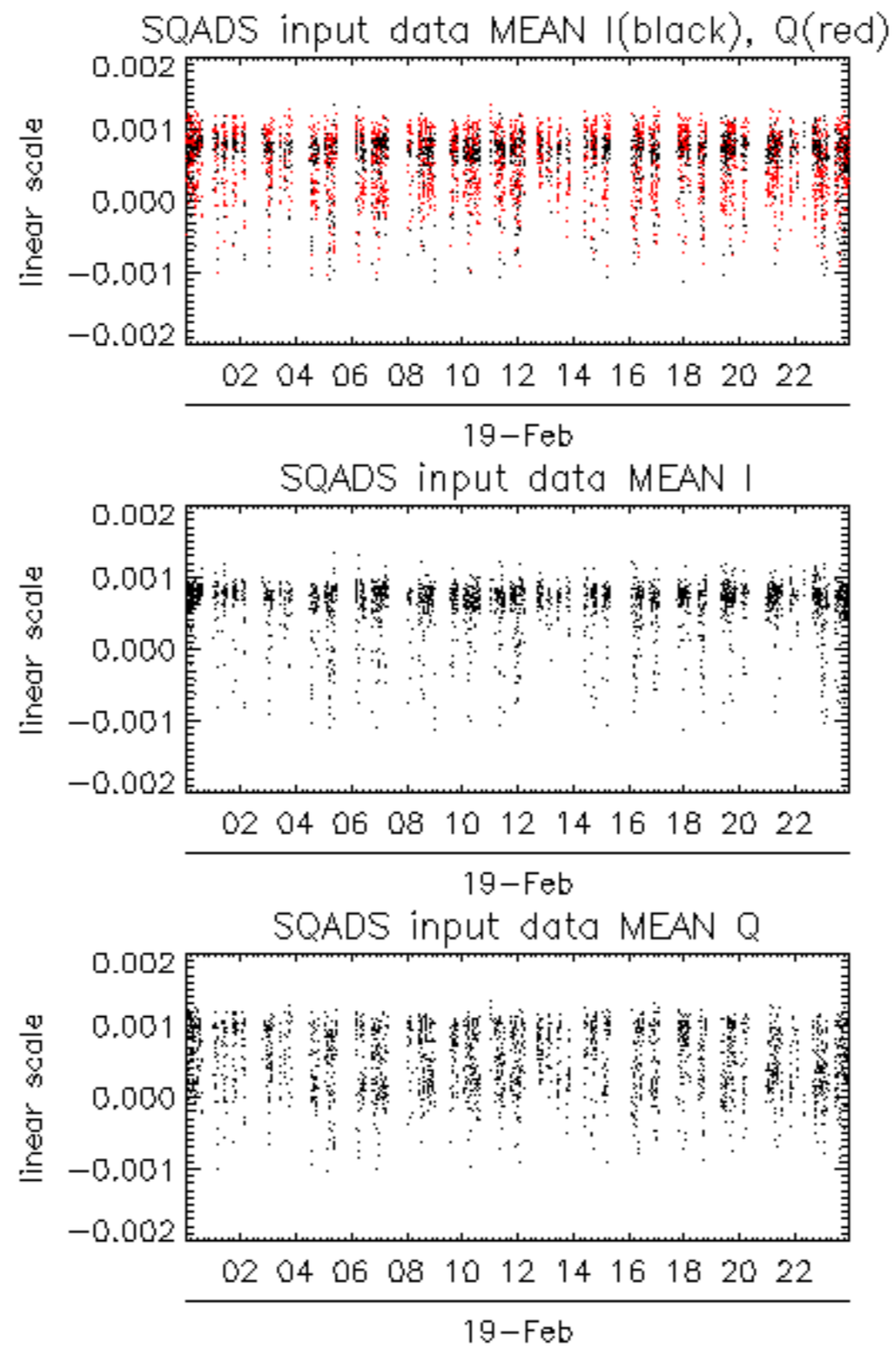


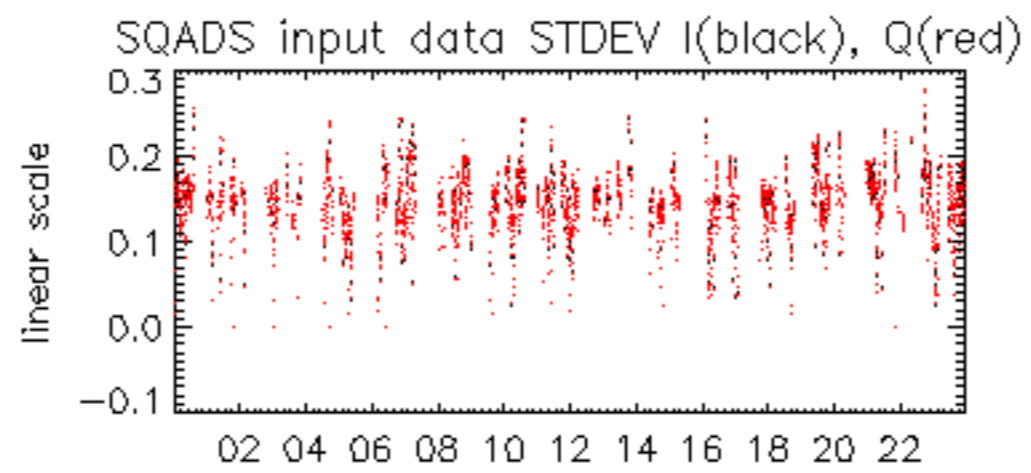
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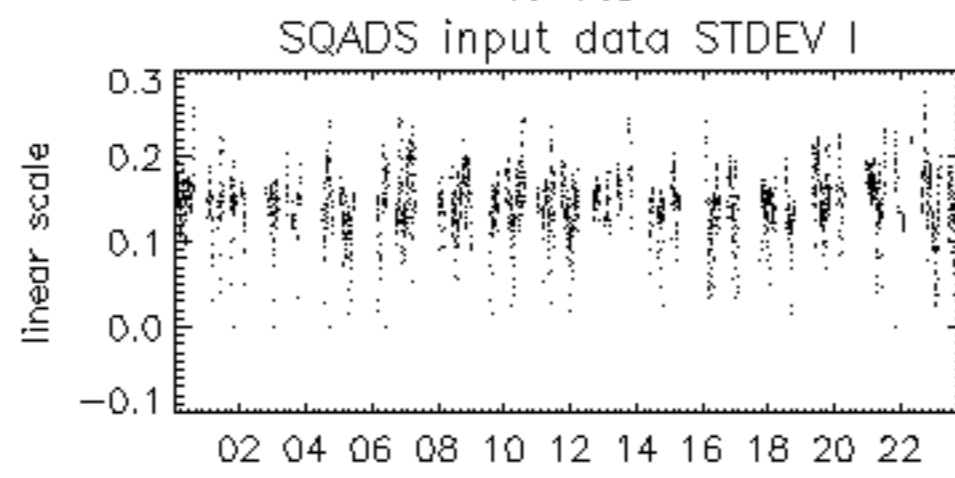




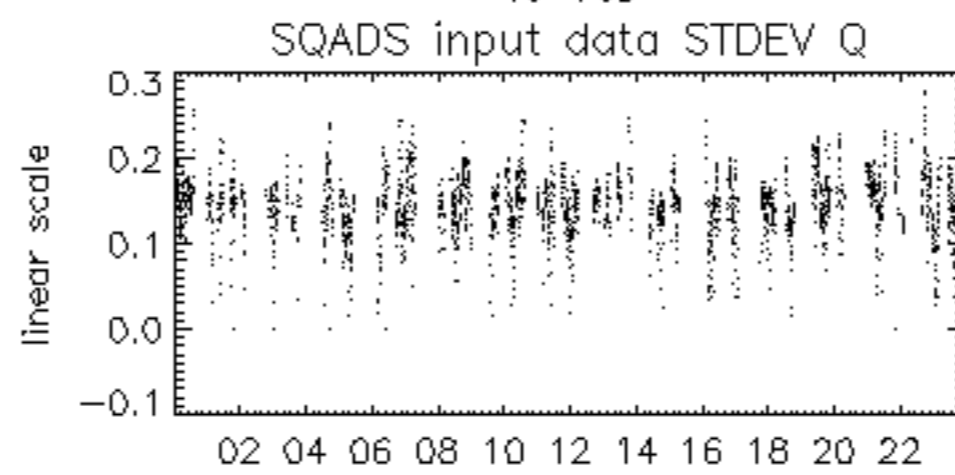




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