



Analysis from 14-DEC-2009 00:00:00 to 14-DEC-2009 23:59:59. Page generated on 15-DEC-2009 12:08:07.  
View log file: ASAR\_Daily\_Report\_20091215\_1207.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	28	PDE	IS1	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	33	PDK	2009-12-14 09:21:52	H	320
PDE	IS2	V/V	24	PDK	WS	H/H	53	PDE	IS2	V/H	1	PDE	IS2	H/H	2	PDE	WS	V/V	14				
PDK	IS2	V/V	24					PDE	IS4	V/H	1	PDE	IS2	V/V	6	PDK	WS	H/H	15				
								PDE	IS4	V/V	1	PDE	IS3	V/V	1	PDK	WS	V/V	2				
												PDE	IS5	V/V	1								
												PDE	IS6	H/H	2								
												PDE	IS6	V/V	1								
												PDK	IS2	V/V	2								

## 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_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

### 2.2 - Products with wrong ADFs

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

[TXT] [XLS] Check\_ADFs\_WVS  
 [TXT] [XLS] Check\_ADFs\_GM1  
 [TXT] [XLS] Check\_ADFs\_APM  
 [TXT] [XLS] Check\_ADFs\_IMM

### 3 - MODULE STEPPING PRODUCTS ANALYSIS





### 3.2 - H/H polarisation

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

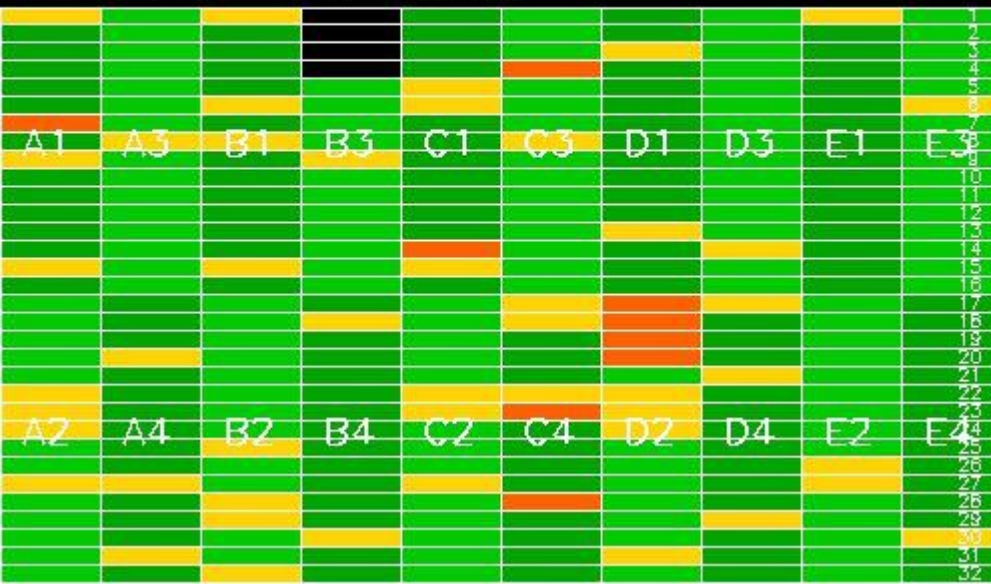
Reference: 2005-09-22 06:26:51 H RxGain  
 Test : 2009-12-14 09:21:52 H



Reference: 2009-12-12 08:44:30 H RxGain  
 Test : 2009-12-14 09:21:52 H

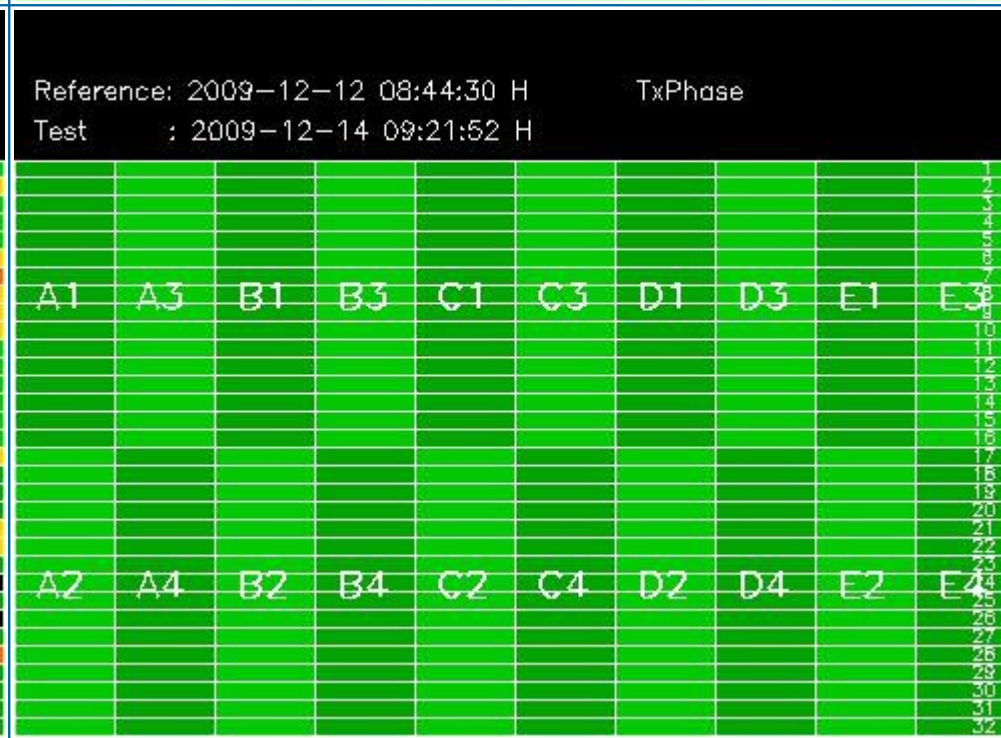
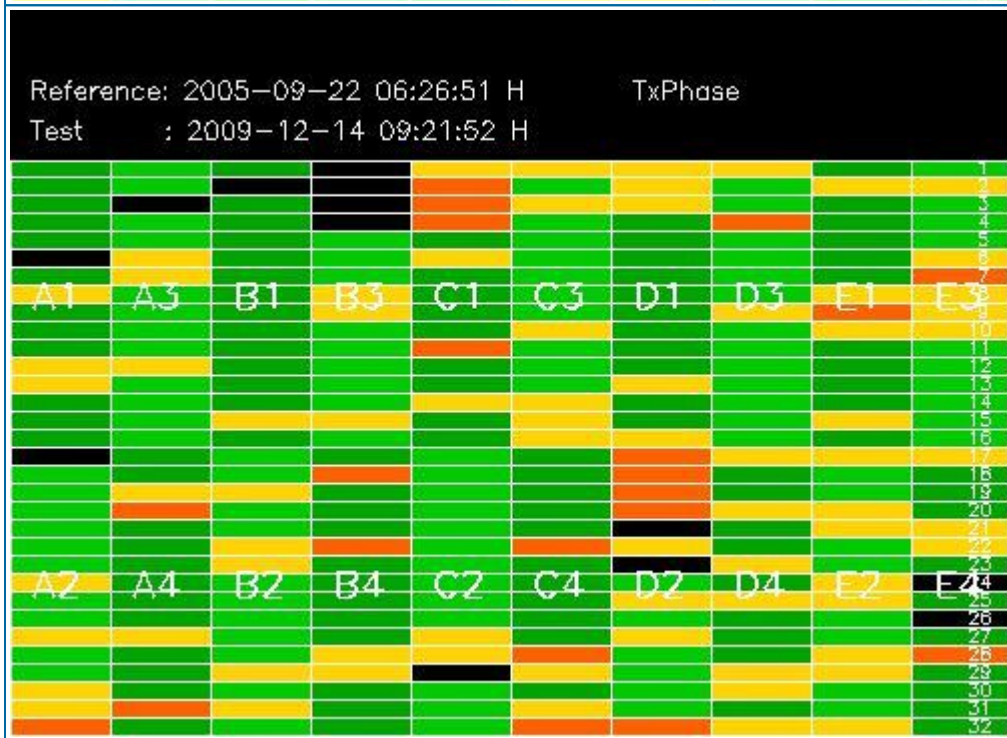
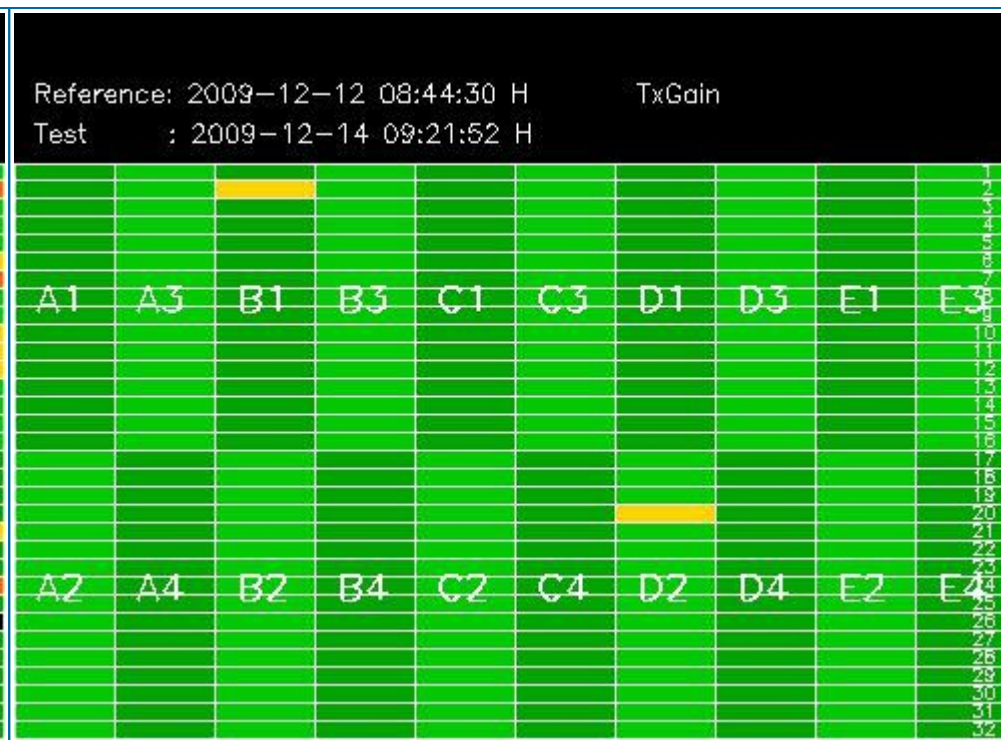
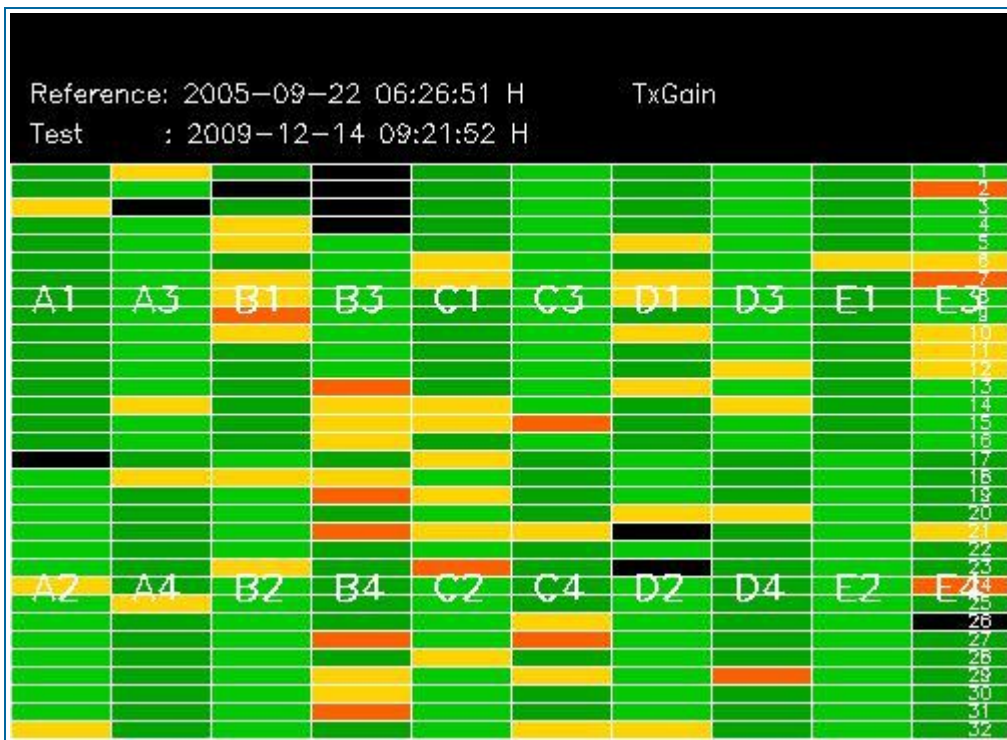


Reference: 2005-09-22 06:26:51 H RxPhase  
 Test : 2009-12-14 09:21:52 H



Reference: 2009-12-12 08:44:30 H RxPhase  
 Test : 2009-12-14 09:21:52 H





## 4 - CALIBRATION PULSES ANALYSIS

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

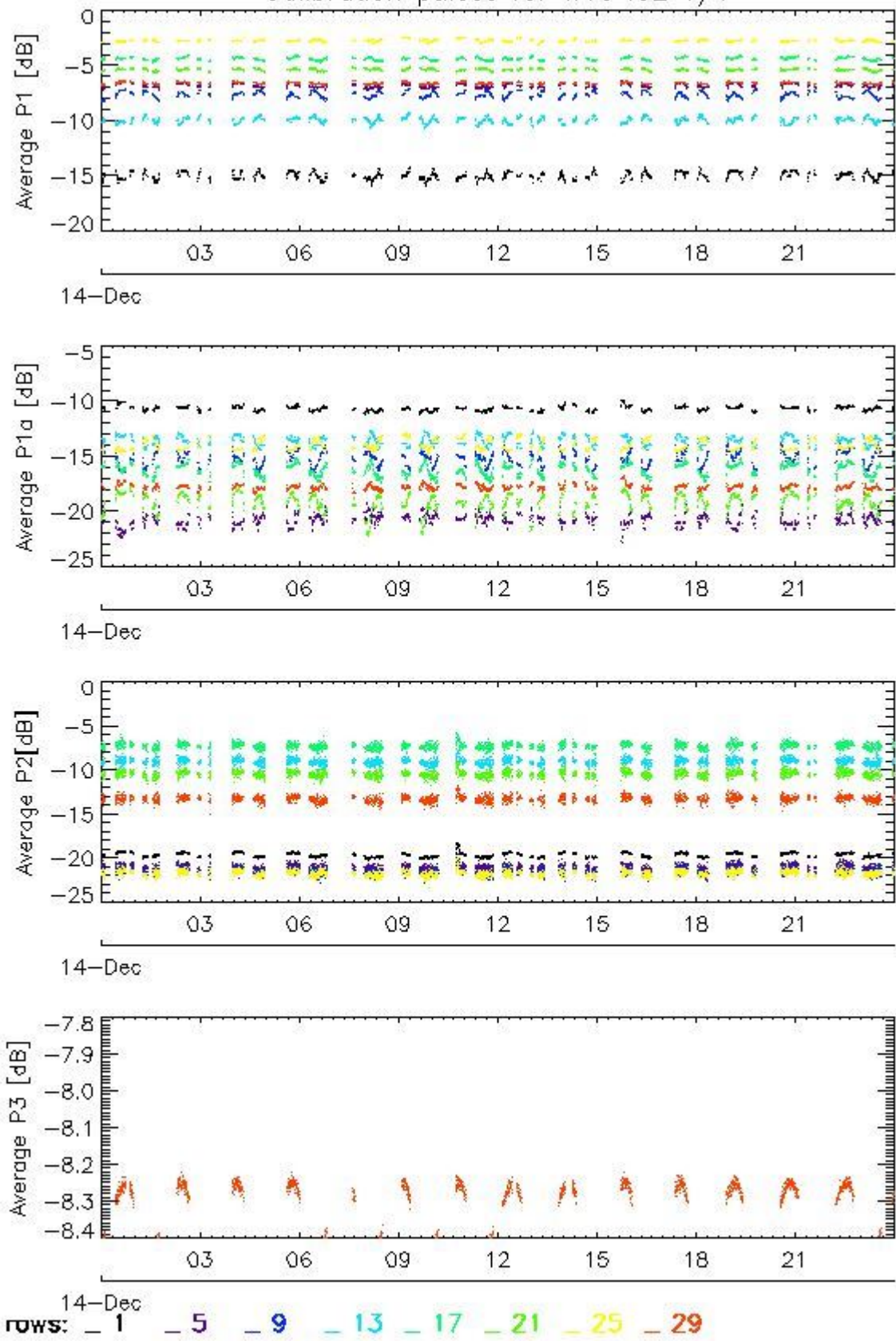
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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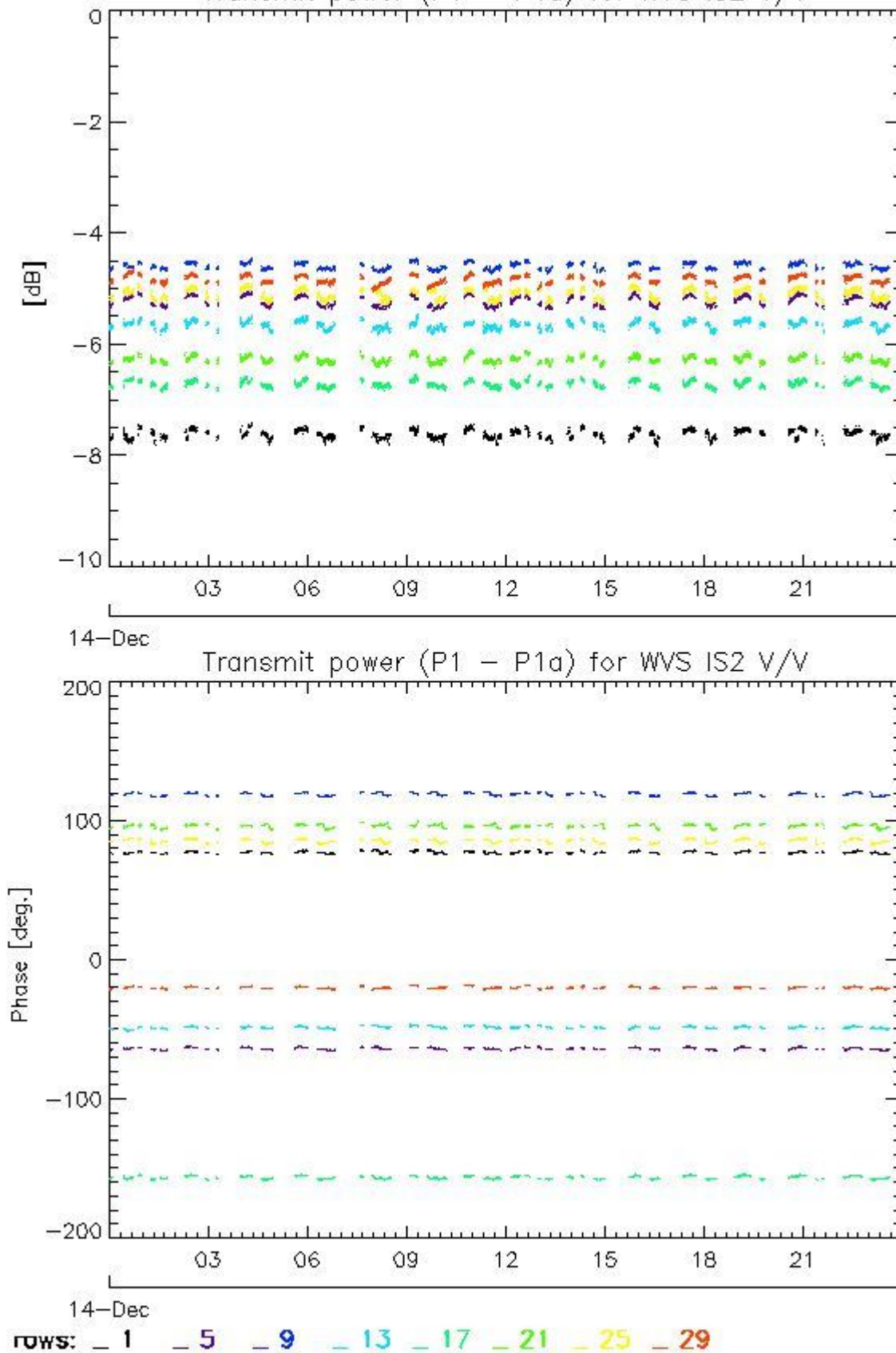
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



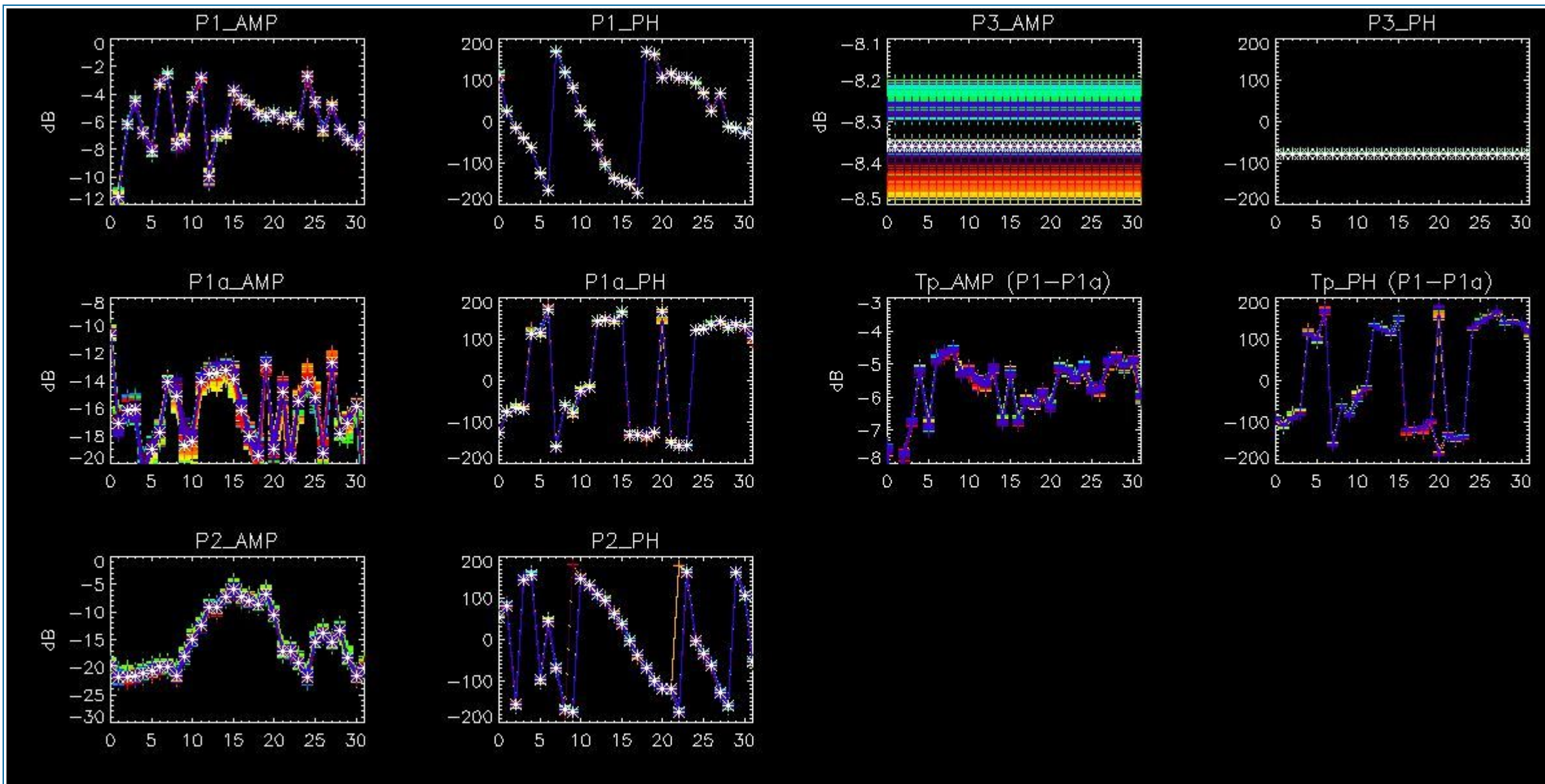
Transmit power (P1 - P1a) for WVS IS2 V/V



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

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## 4.2 - Analysis for GM1 SS3 H/H

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

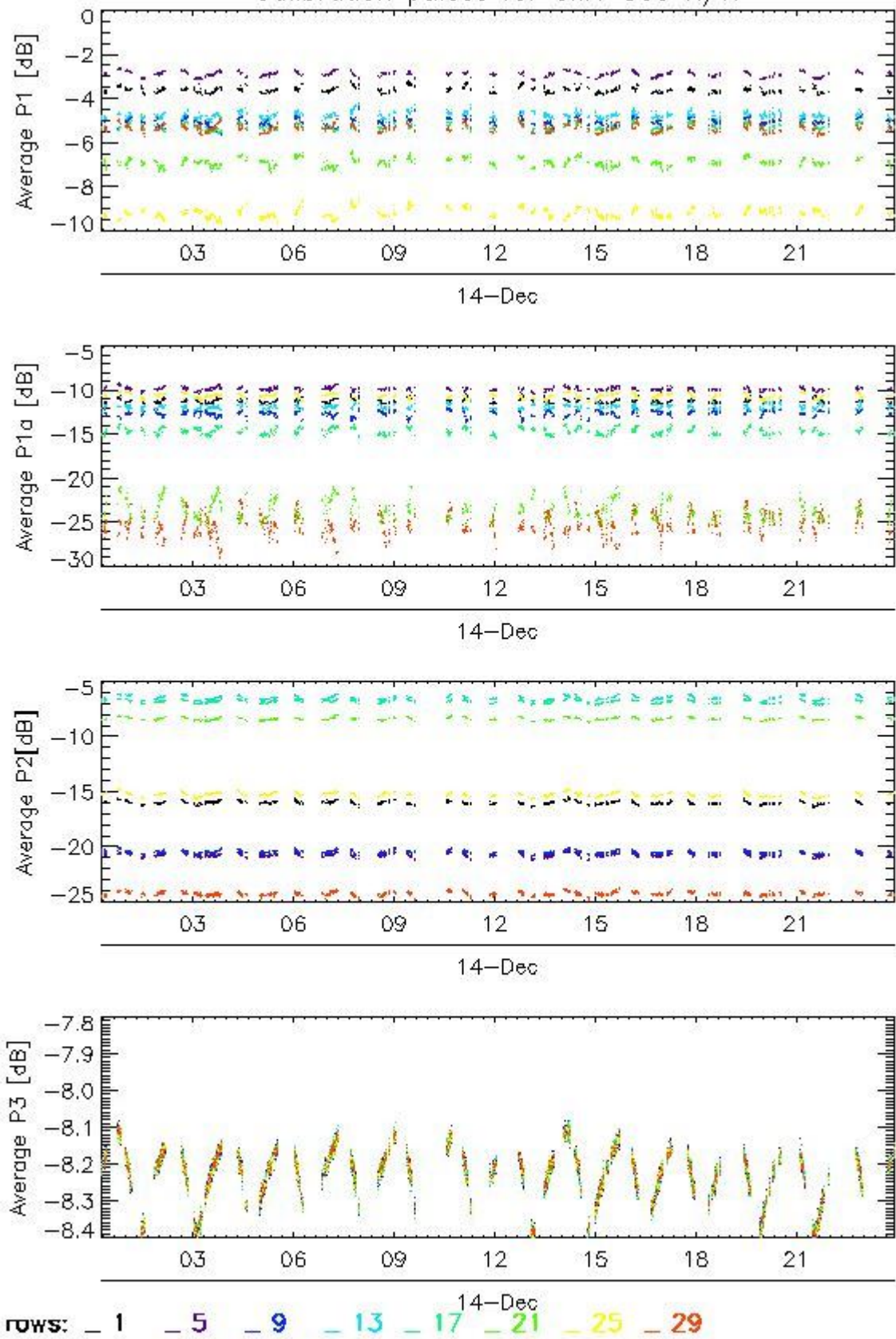
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

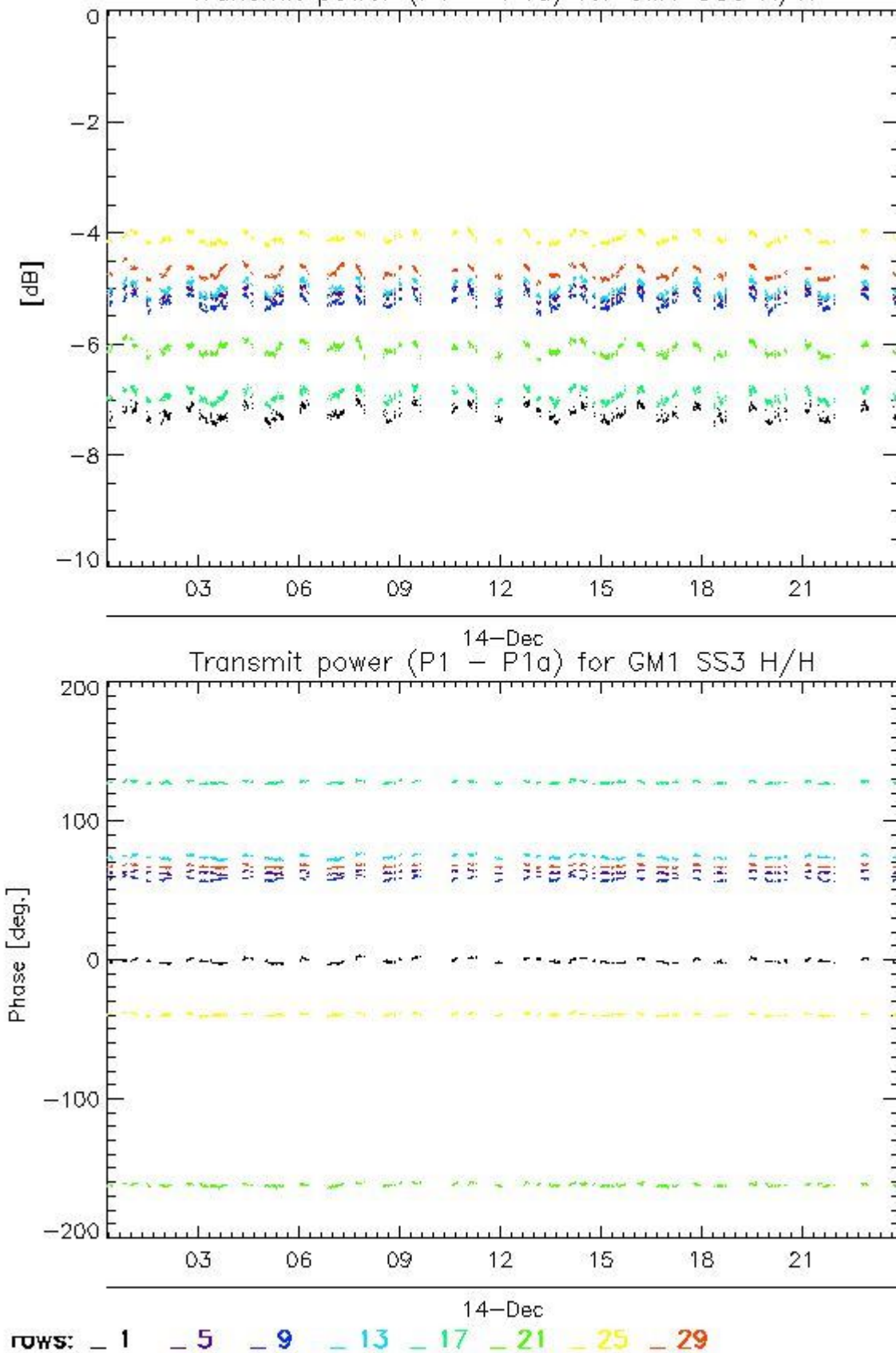
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



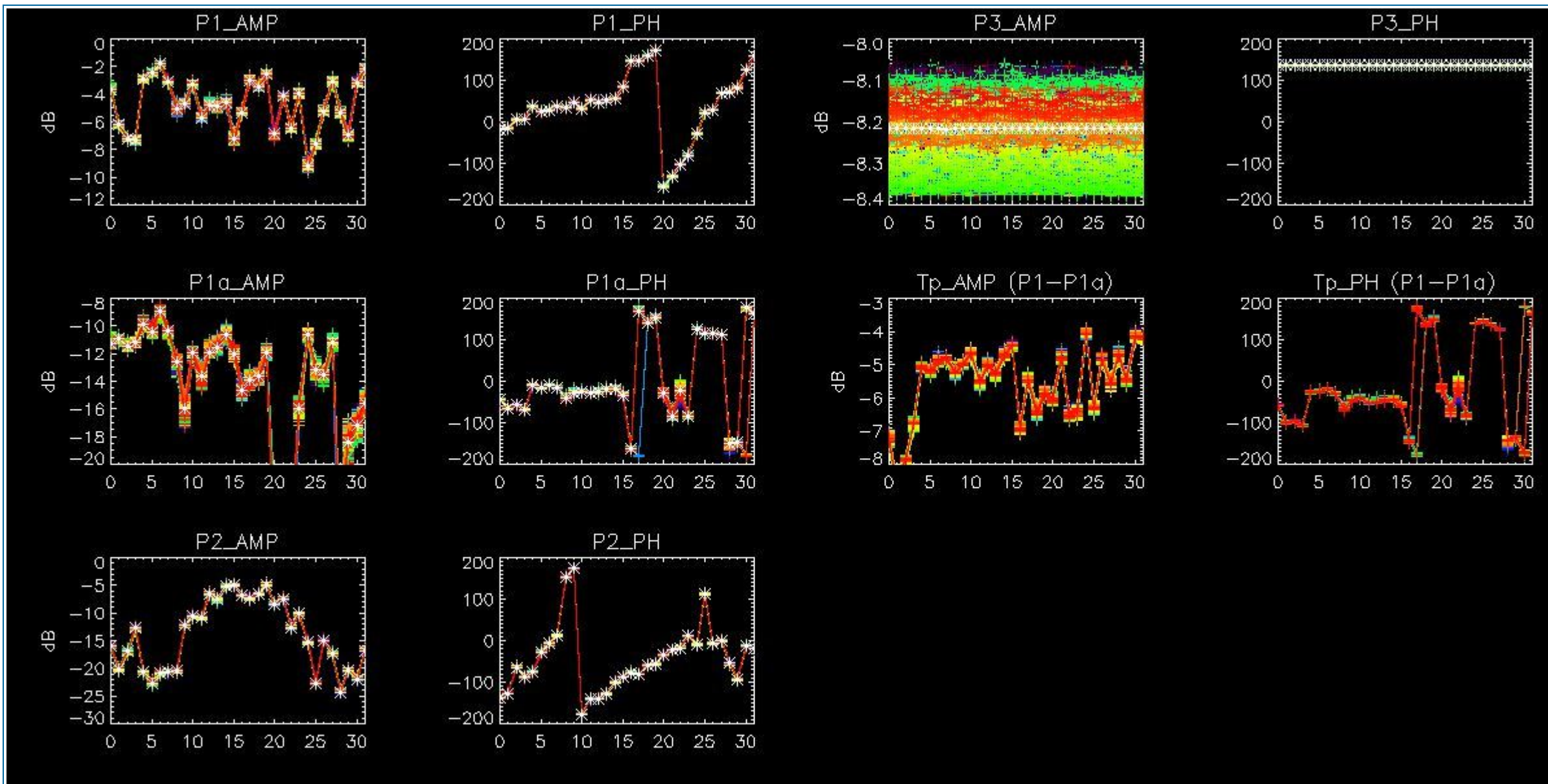
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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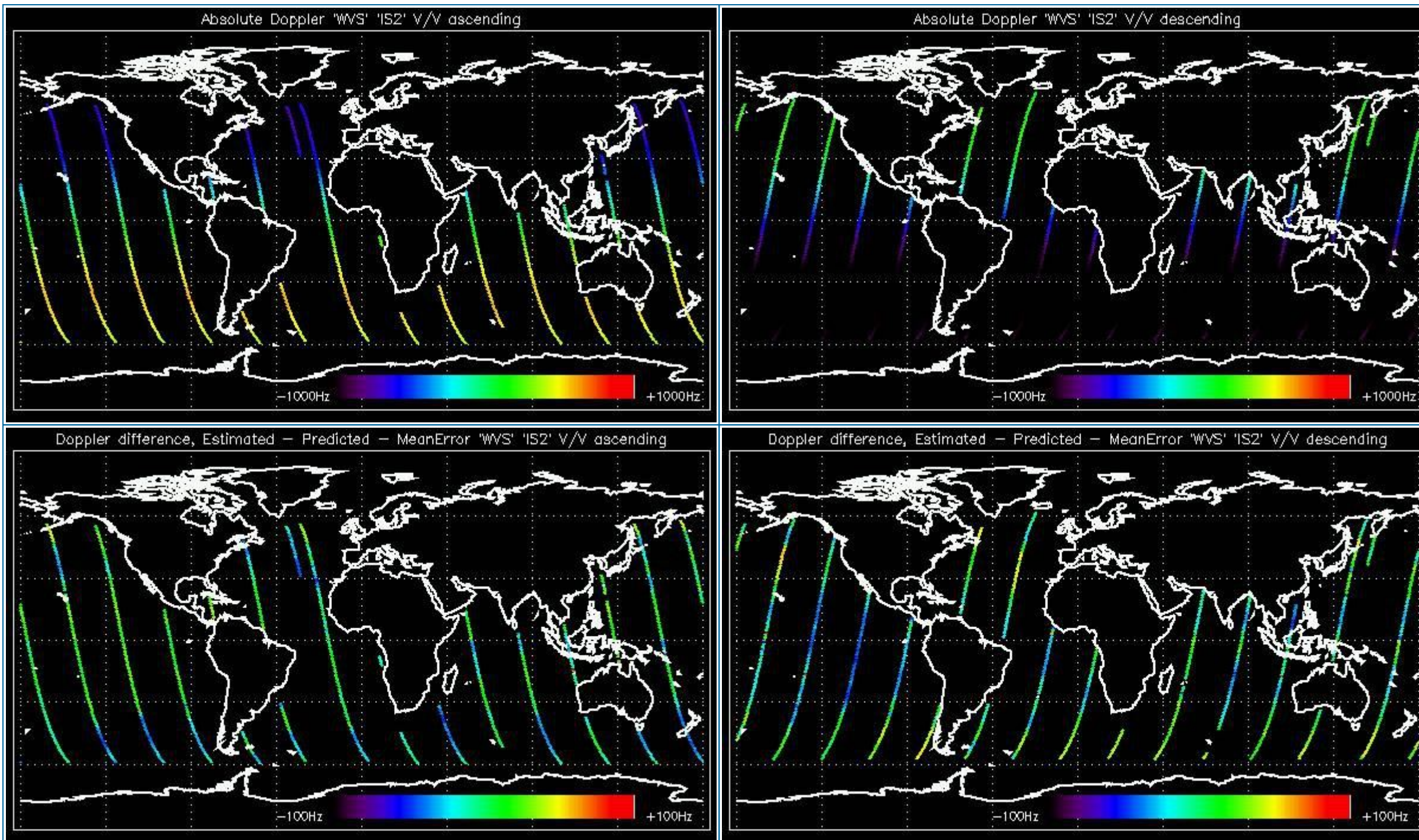
## 5 - DOPPLER ANALYSIS

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

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

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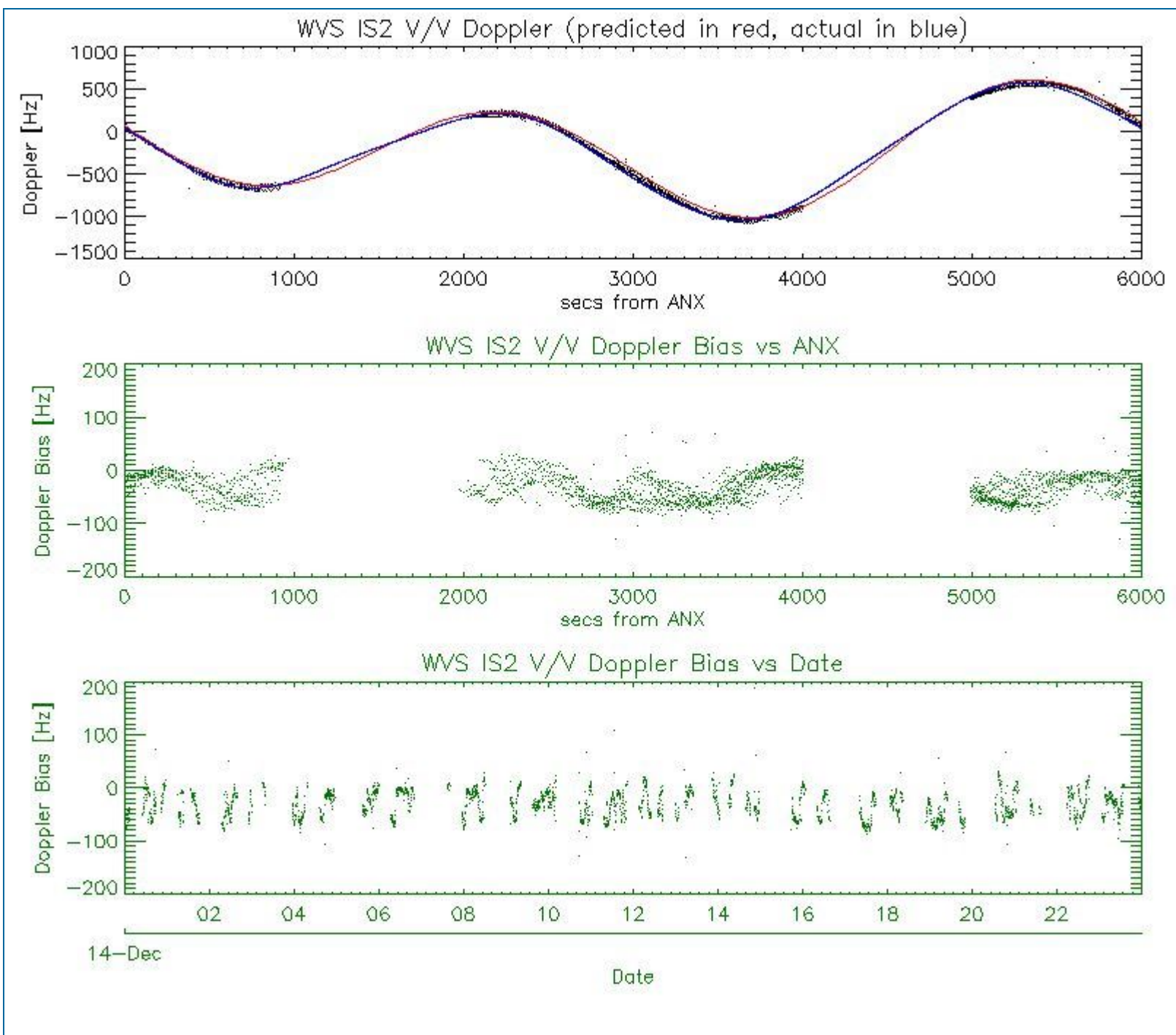




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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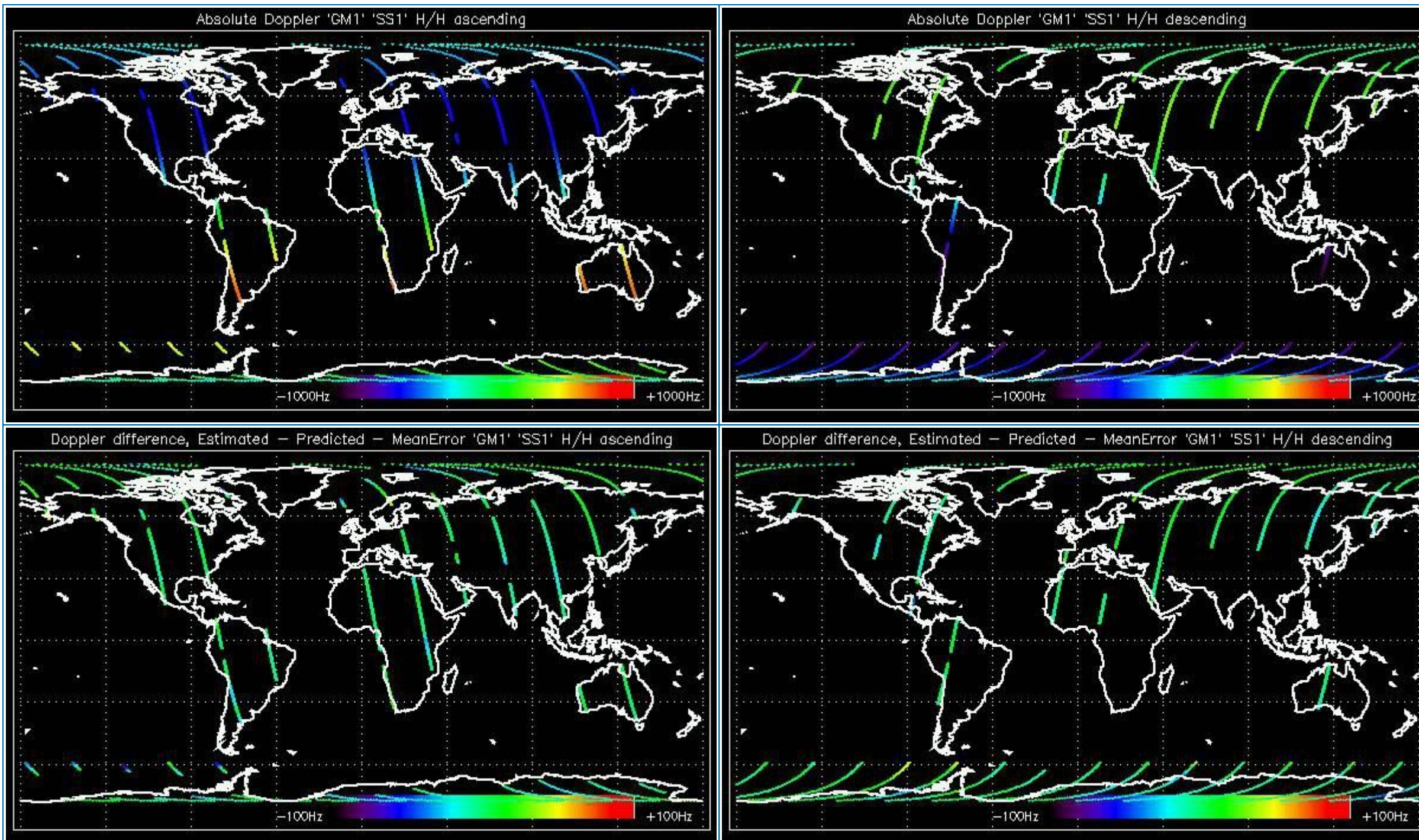


## 5.2 - Analysis for GM1 SS1 H/H

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

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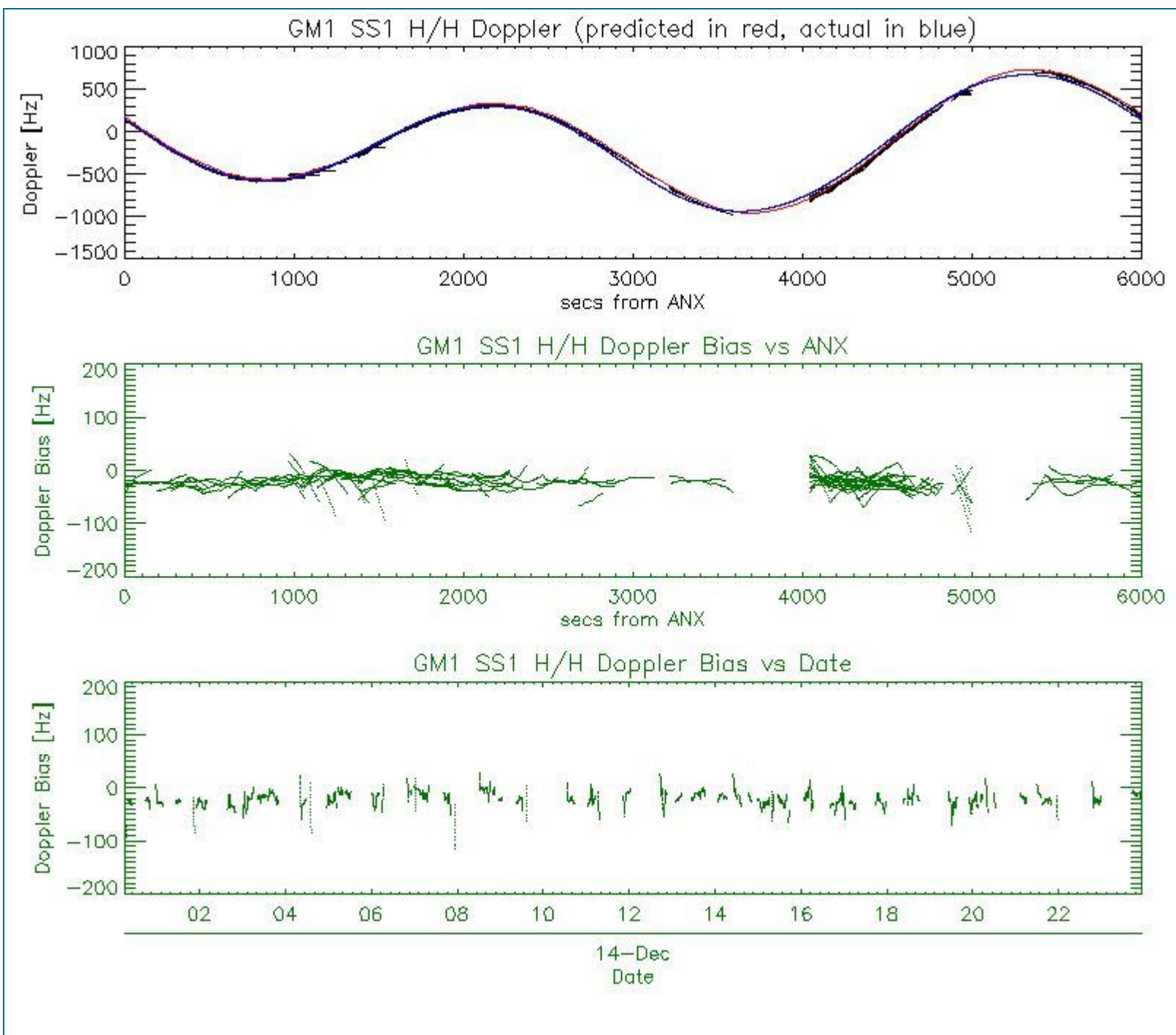




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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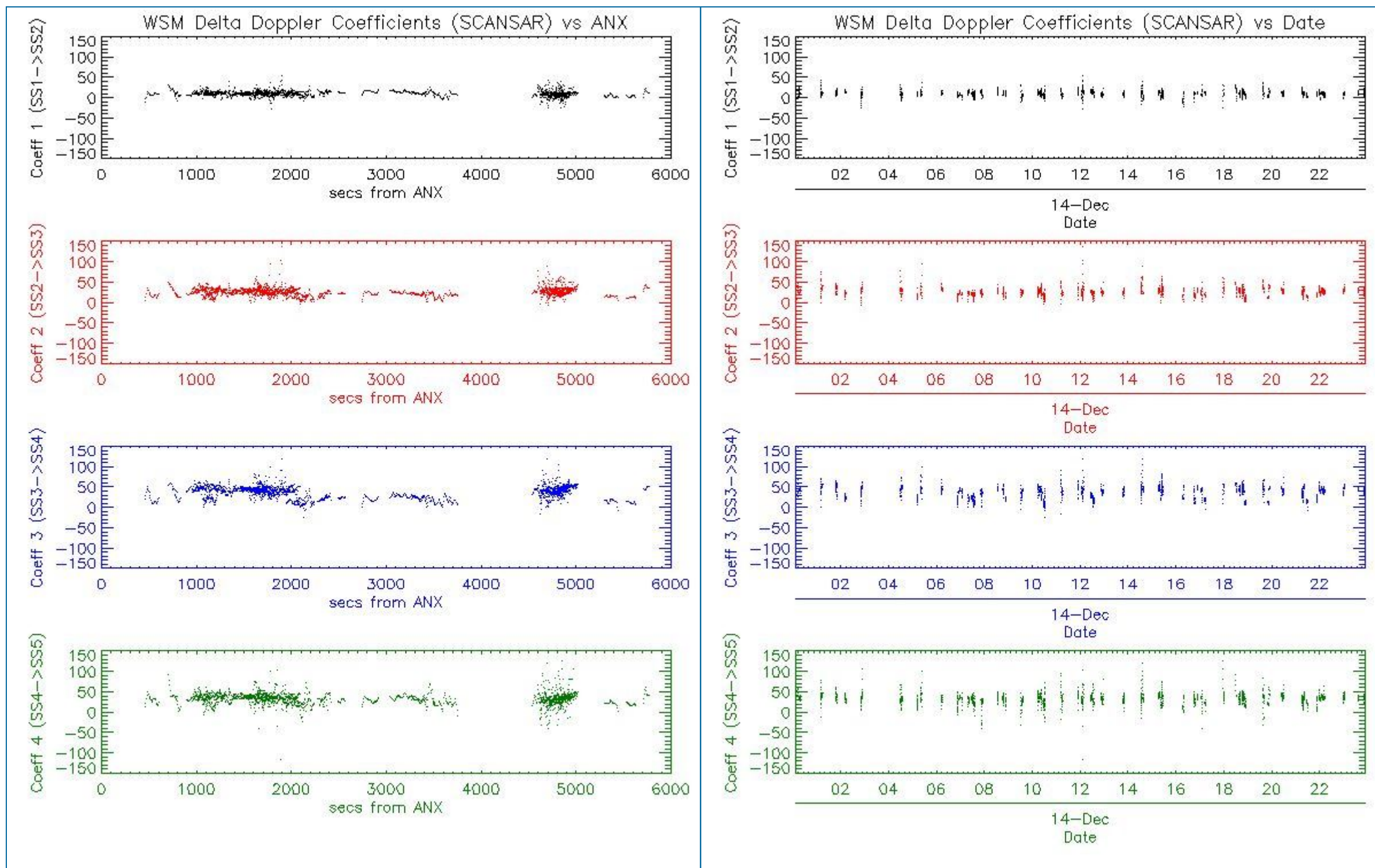




### 5.3 - Doppler JUMPS Analysis for WSM

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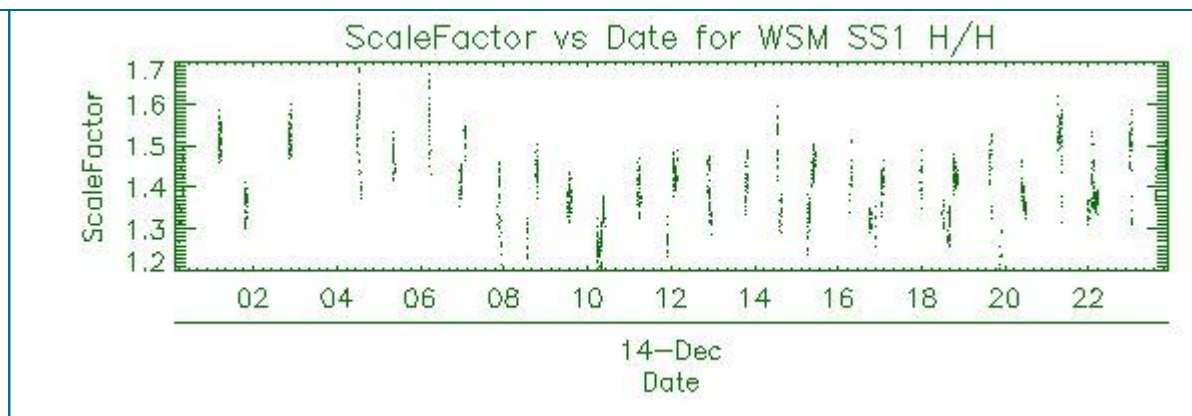
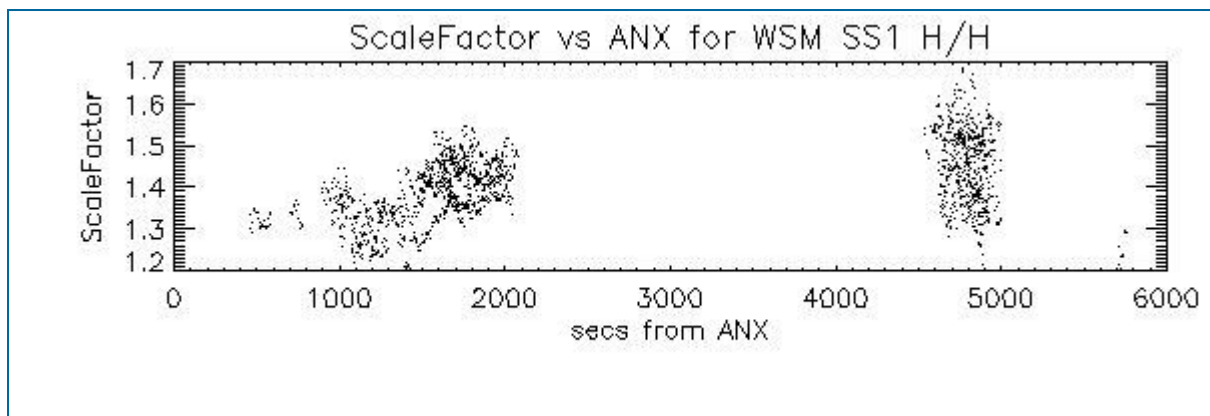
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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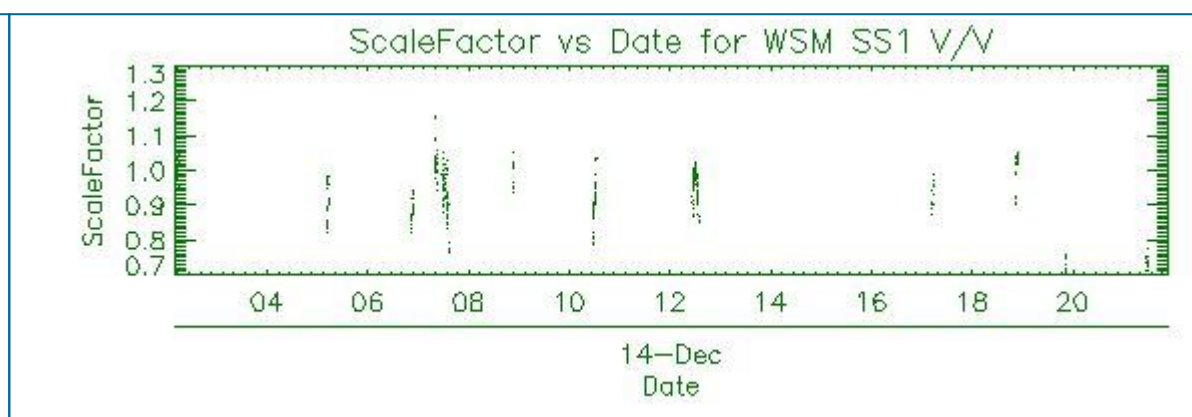
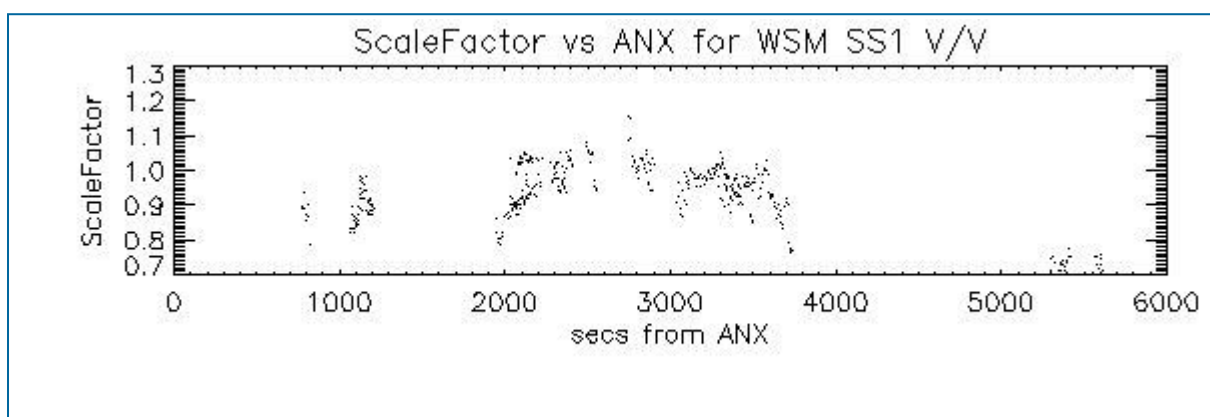




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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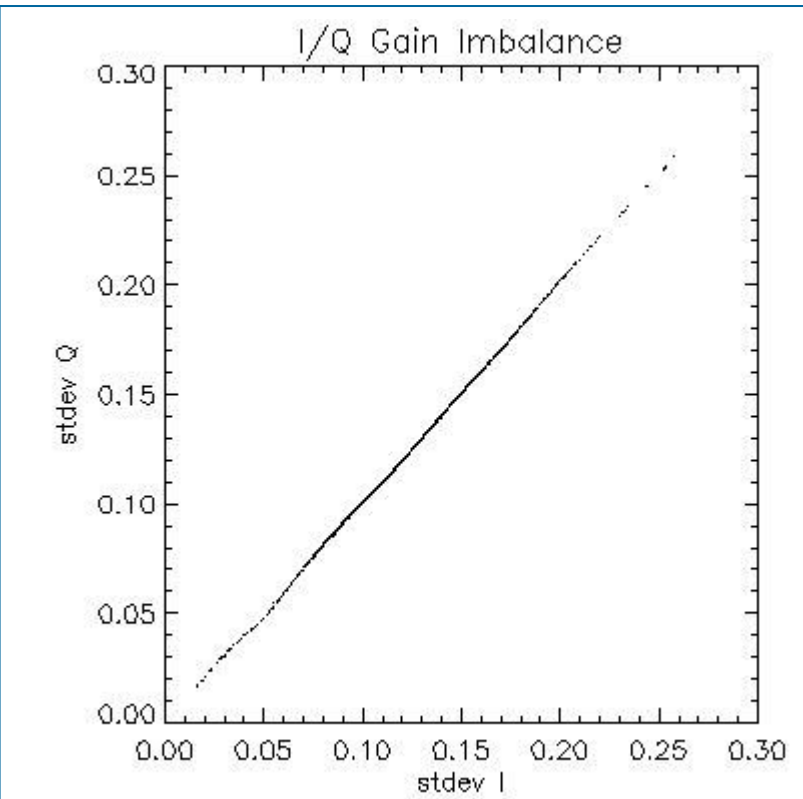
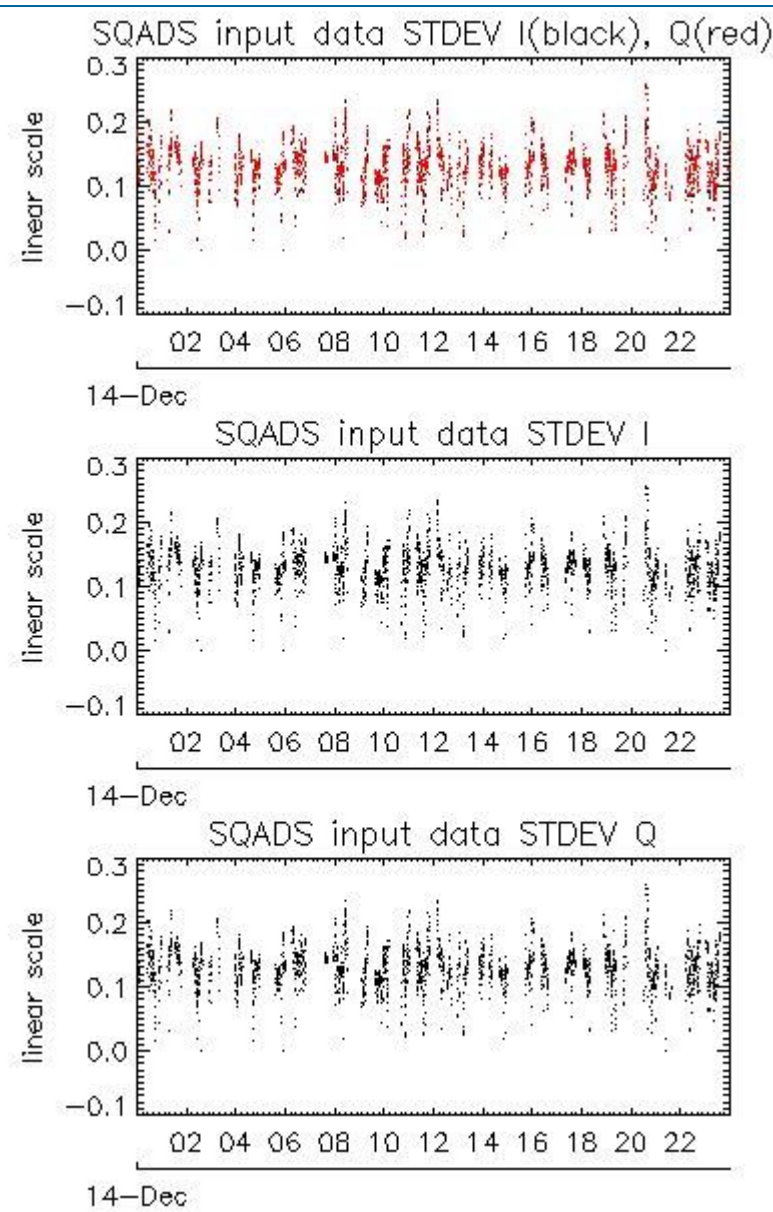
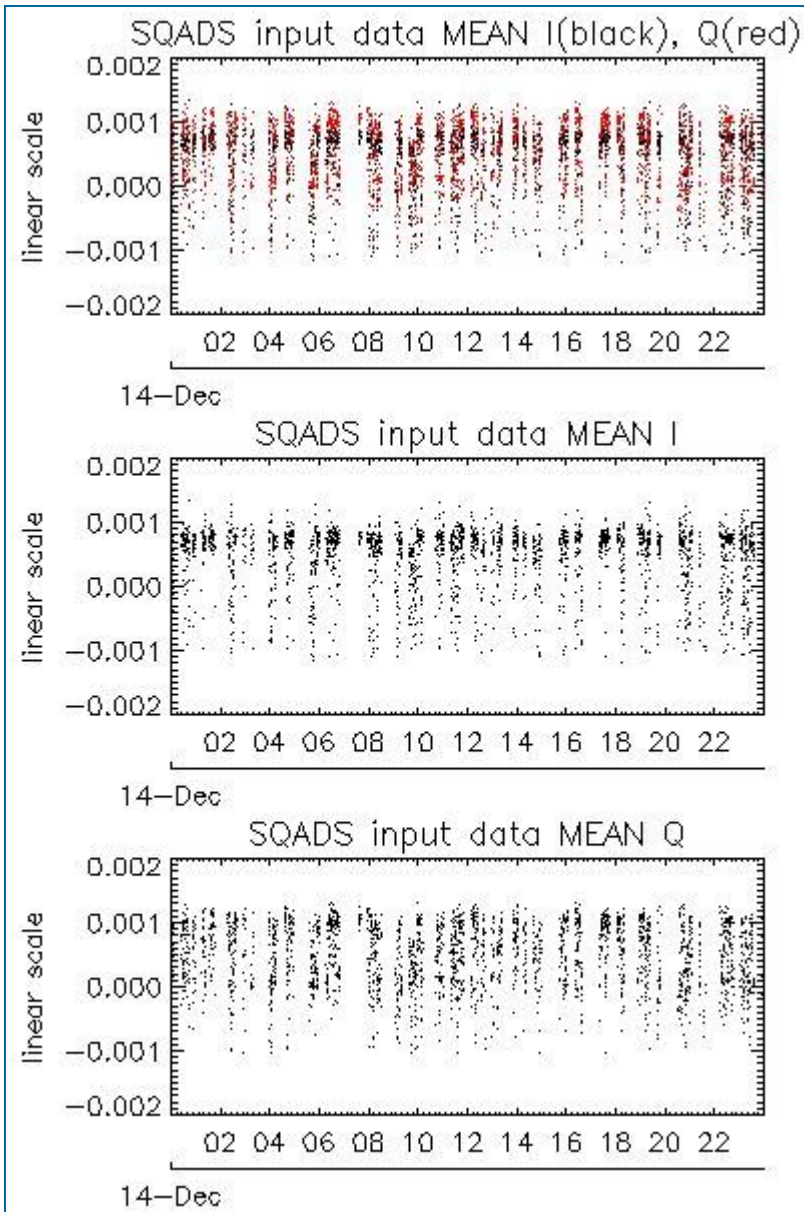
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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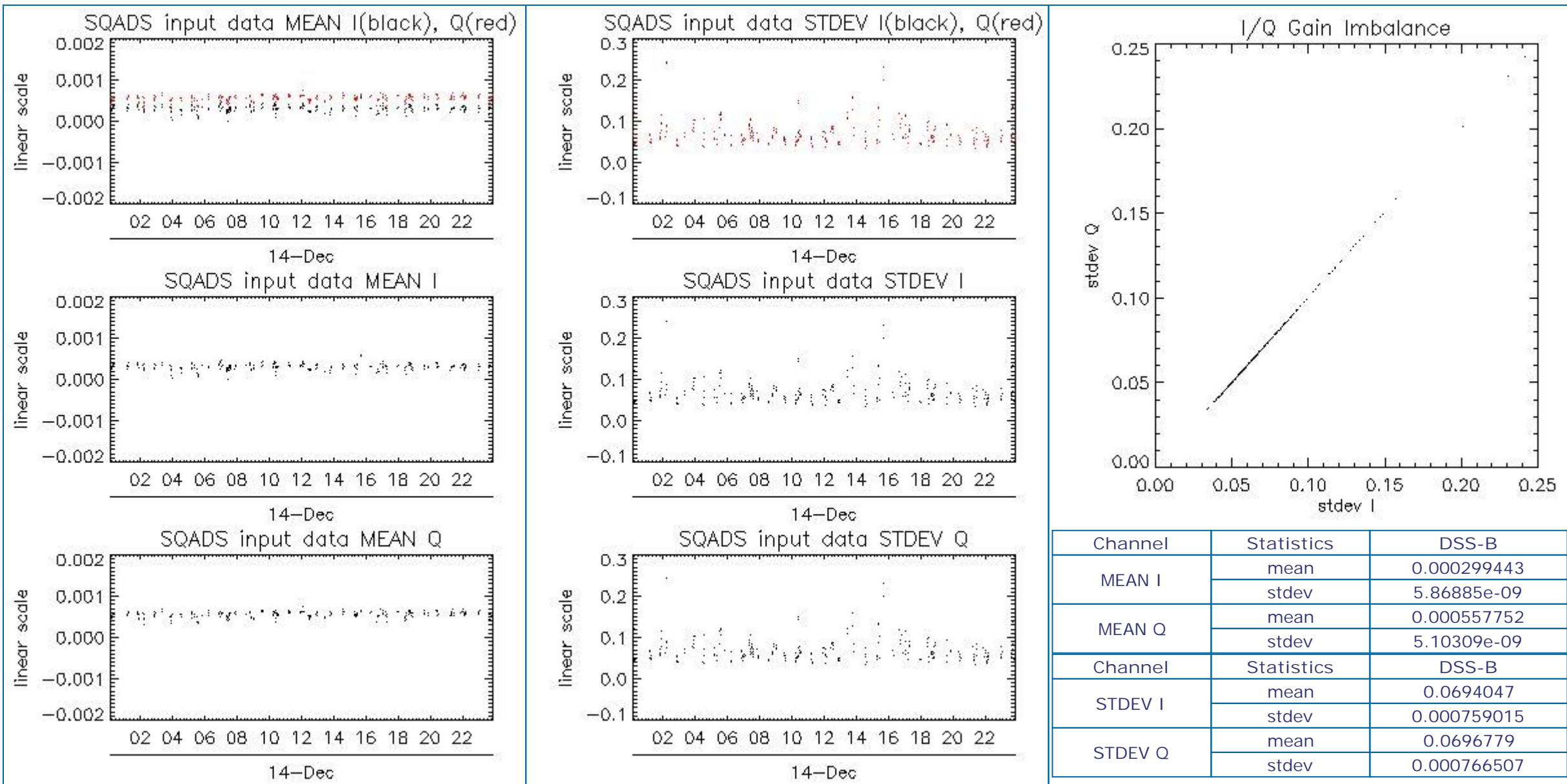


Channel	Statistics	DSS-B
MEAN I	mean	0.000467512
	stdev	2.38450e-07
MEAN Q	mean	0.000506849
	stdev	2.48372e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.130549
	stdev	0.00105447
STDEV Q	mean	0.130914
	stdev	0.00106560

## 7.2 - Analysis for IMM

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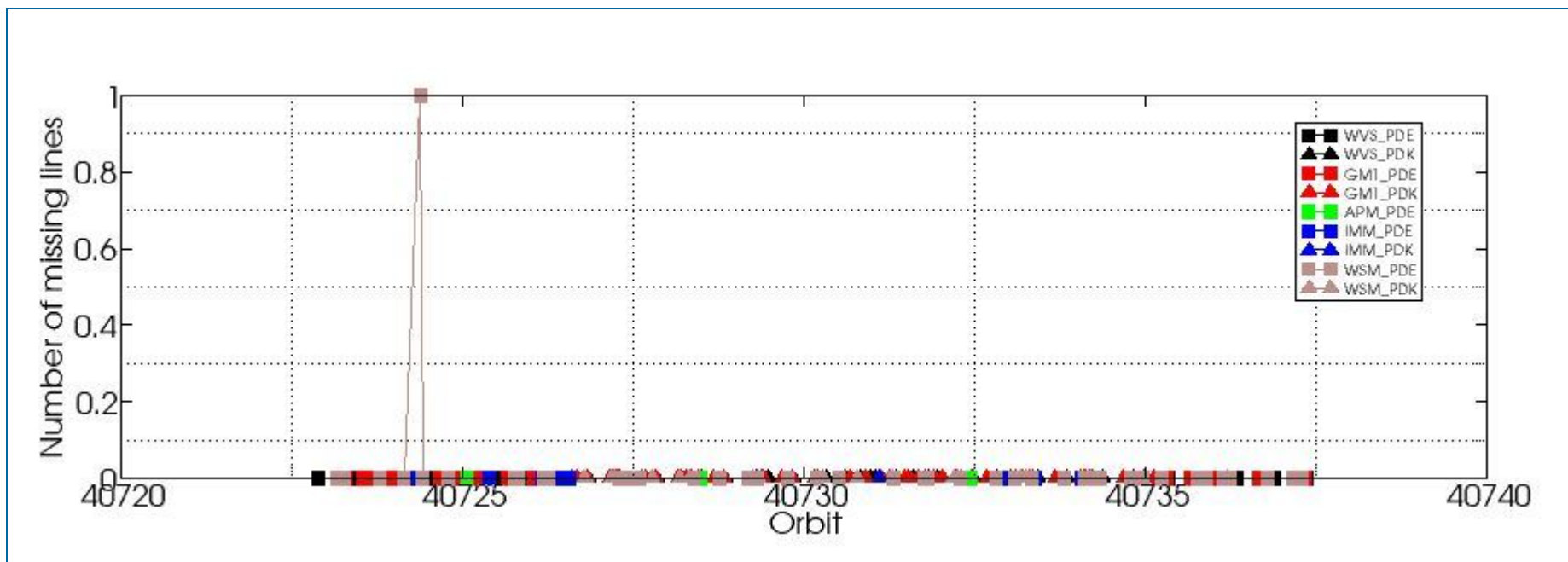
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20091214_021007_000001472085_00089_40724_9062.N1	0	1

### 8.1 - Number of Missing lines

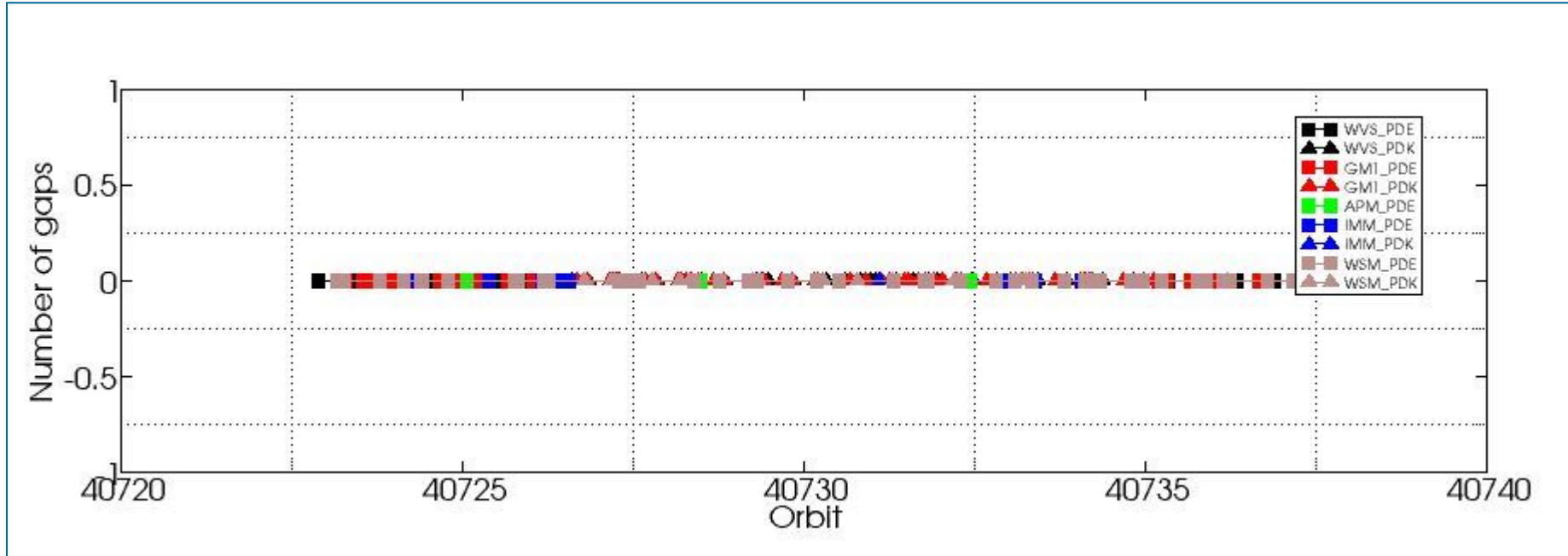
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 091214  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2009-12-14

Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/

DATA SUMMARY

#####  
Summary will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_091214/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091214/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/AUXILIARY

Creating directory ./RESULTS/DAILY/\_091214/AUXILIARY...

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



ADF filter 20091214\*current\_3\_IECF\_ADFs.txt  
 Found list 20091214\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20081215\_141339\_20070204\_165113\_20091231\_000000  
 ASA\_INS\_AXVIEC20090525\_114808\_20090428\_100000\_20091231\_235959  
 ASA\_XCH\_AXVIEC20081215\_143642\_20020301\_000000\_20091231\_000000  
 ASA\_XCA\_AXVIEC20090311\_104501\_20080801\_000000\_20091231\_235959

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20091214_002523_000011462085_00088_40723_8993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_005125_000004052085_00088_40723_8995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_011512_000002552085_00088_40723_8996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_011842_000002702085_00088_40723_9043.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_013327_000007192085_00089_40724_9045.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_021735_000011392085_00089_40724_9046.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_023605_000001652085_00089_40724_9068.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_025525_000002702085_00089_40724_9075.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_031532_000001942085_00090_40725_9079.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_035713_000010192085_00090_40725_9073.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_041357_000000752085_00090_40725_9090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_041835_000000452085_00090_40725_9092.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_043610_000012592085_00090_40725_9097.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_053649_000007192085_00091_40726_9098.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_055004_000002852085_00091_40726_9100.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_203231_000019642085_00100_40735_9194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_212203_000002242085_00100_40735_9195.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_212503_000000752085_00100_40735_9206.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_213536_000000742085_00100_40735_9208.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_221345_000019342085_00101_40736_9211.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_230302_000004052085_00101_40736_9212.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_230902_000015892085_00101_40736_9222.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091214_235553_000009892085_00102_40737_9224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_055419_000003452085_00091_40726_0150.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_061646_000019492085_00091_40726_0154.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_061646_000019492085_00091_40726_0156.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_073630_000002402085_00092_40727_0170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_075722_000019642085_00092_40727_0174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_090542_000009292085_00093_40728_0193.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_093758_000019942085_00093_40728_0195.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_104326_000010942085_00094_40729_0213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_111834_000019642085_00094_40729_0217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_120837_000010192085_00095_40730_0227.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_123450_000004502085_00095_40730_0228.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_125901_000003152085_00095_40730_0231.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_131252_000005092085_00095_40730_0230.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_132226_000001492085_00096_40731_0233.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_135114_000007042085_00096_40731_0247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_141528_000004502085_00096_40731_0250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_143937_000003902085_00096_40731_0252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_145043_000004792085_00096_40731_0256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_154404_000011692085_00097_40732_0271.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_162013_000010792085_00097_40732_0276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_172044_000014092085_00098_40733_0291.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_180315_000011092085_00098_40733_0296.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_185434_000018142085_00099_40734_0309.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091214_194125_000004802085_00099_40734_0312.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20091214_001542_000000902085_00088_40723_8990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_002016_000003022085_00088_40723_8992.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_004515_000003682085_00088_40723_8994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_005854_000006282085_00088_40723_8997.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_012622_000004222085_00088_40723_9042.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_015124_000000902085_00089_40724_9044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_015525_000008762085_00089_40724_9047.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_023930_000006282085_00089_40724_9069.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_030047_000001202085_00089_40724_9078.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_030253_000004162085_00089_40724_9077.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_031121_000002472085_00089_40724_9076.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_032021_000007732085_00090_40725_9074.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_033402_000010092085_00090_40725_9072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_042005_000005432085_00090_40725_9091.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_043432_000000902085_00090_40725_9093.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_045754_000006282085_00091_40726_9095.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_050942_000000722085_00091_40726_9094.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_051334_000003922085_00091_40726_9096.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_052305_000004832085_00091_40726_9099.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_201659_000002232085_00100_40735_9192.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_202936_000001752085_00100_40735_9193.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_210606_000005672085_00100_40735_9196.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_212935_000003622085_00100_40735_9207.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_213741_000006712085_00100_40735_9209.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_215716_000000722085_00101_40736_9210.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_224641_000007072085_00101_40736_9213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_234412_000003322085_00102_40737_9221.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091214_235408_000000962085_00102_40737_9223.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_060042_000006282085_00091_40726_0149.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_061441_000001202085_00091_40726_0151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_065003_000000962085_00092_40727_0153.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_065428_000001142085_00092_40727_0152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_065957_000001632085_00092_40727_0155.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_065957_000001632085_00092_40727_0157.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_070131_000000722085_00092_40727_0168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_070438_000008942085_00092_40727_0169.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_074121_000006042085_00092_40727_0171.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_075552_000000842085_00092_40727_0172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_083049_000000842085_00093_40728_0173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_083354_000006222085_00093_40728_0175.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_084305_000001692085_00093_40728_0190.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_084920_000001872085_00093_40728_0191.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_085841_000002412085_00093_40728_0192.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_092307_000005072085_00093_40728_0194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_093644_000000662085_00093_40728_0196.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_103311_000000902085_00094_40729_0211.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_103537_000004652085_00094_40729_0212.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_110231_000005732085_00094_40729_0214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_111635_000001142085_00094_40729_0215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_115200_000000902085_00095_40730_0216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_115521_000004222085_00095_40730_0218.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_124307_000005732085_00095_40730_0229.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_130502_000004712085_00095_40730_0232.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_132746_000008462085_00096_40731_0234.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_134041_000003262085_00096_40731_0245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_140344_000002772085_00096_40731_0246.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_140951_000003382085_00096_40731_0248.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_142344_000004832085_00096_40731_0249.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_143439_000001022085_00096_40731_0251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_144654_000002292085_00096_40731_0253.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20091214_145926_000009912085_00097_40732_0254.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_151933_00000602085_00097_40732_0255.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_151953_000001632085_00097_40732_0267.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_152718_000007312085_00097_40732_0269.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_154134_000001442085_00097_40732_0270.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_160418_000007792085_00097_40732_0273.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_164042_000002592085_00098_40733_0272.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_164740_000003862085_00098_40733_0274.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_165523_000001322085_00098_40733_0275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_165625_000003082085_00098_40733_0289.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_170717_000002712085_00098_40733_0288.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_171339_000001872085_00098_40733_0290.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_174454_000007912085_00098_40733_0294.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_182233_000001442085_00099_40734_0293.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_182828_000000722085_00099_40734_0292.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_183126_000003082085_00099_40734_0295.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_183517_000001632085_00099_40734_0307.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_184149_000001812085_00099_40734_0308.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_192530_000007312085_00099_40734_0310.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_195425_000007552085_00099_40734_0311.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091214_201022_000001872085_00100_40735_0313.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20091214_031918_000000432085_00090_40725_9067.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091214_072424_000002012085_00092_40727_9116.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091214_090244_000001132085_00093_40728_9130.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091214_154033_000000402085_00097_40732_9177.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20091214_000918_000002172085_00088_40723_9002.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_015258_000001362085_00089_40724_9061.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_021242_000000332085_00089_40724_9064.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_035048_000003742085_00090_40725_9070.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_050838_000000522085_00091_40726_9109.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_053107_000001622085_00091_40726_9088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_053437_000001142085_00091_40726_9089.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_054921_000000372085_00091_40726_9110.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_072313_000000682085_00092_40727_9114.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_163858_000000622085_00098_40733_9180.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_171645_000002092085_00098_40733_9183.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_182456_000002022085_00099_40734_9184.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_233752_000002782085_00102_40737_9236.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091214_234248_000000732085_00102_40737_9237.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091214_102505_000000922085_00094_40729_0203.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091214_132537_000001172085_00096_40731_0243.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_091214/AUXILIARY/Check\_ADFs\_WSM.txt...





MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_091214/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_091214/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_091214/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/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
Test product: ASA\_MS\_\_0PNPDK20091214\_092152\_000000162085\_00093\_40728\_0939.N1

H  
H  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20091214\_092152-20050922\_062651.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20091214\_092152-20050922\_062651.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20091214\_092152-20050922\_062651.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20091214\_092152-20050922\_062651.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
Test product: ASA\_MS\_\_0PNPDK20091213\_095329\_000000162085\_00079\_40714\_0938.N1

V  
V  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20091213\_095329-20050923\_055514.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20091213\_095329-20050923\_055514.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20091213\_095329-20050923\_055514.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20091213\_095329-20050923\_055514.png

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

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20091212\_084430\_000000162085\_00064\_40699\_0937.N1  
Test product: ASA\_MS\_\_0PNPDK20091214\_092152\_000000162085\_00093\_40728\_0939.N1

H  
H  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20091214\_092152-20091212\_084430.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20091214\_092152-20091212\_084430.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20091214\_092152-20091212\_084430.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20091214\_092152-20091212\_084430.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20091211\_055455\_000000162085\_00048\_40683\_0936.N1  
Test product: ASA\_MS\_\_0PNPDK20091213\_095329\_000000162085\_00079\_40714\_0938.N1

V  
V  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20091213\_095329-20091211\_055455.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20091213\_095329-20091211\_055455.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20091213\_095329-20091211\_055455.png  
../../RESULTS/DAILY/\_091214/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20091213\_095329-20091211\_055455.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES...

\*\*\*\*\*

\*\*\*\*\*

ALL ROWS Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-14\_1.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-14\_2.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-14\_3.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-14\_4.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_091214//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 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-14\_1.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-14\_2.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-14\_3.dat...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...



Getting calibration pulses data for GM1 SS3 H/H from 2009-12-14 00:00:00 to 2009-12-14 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_091214/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-14\_4.dat...  
Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_091214//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_091214/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-12-14.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091214/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-12-14.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091214/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-12-14.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091214/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_091214/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing products WVS IS2 V/V  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.143914 Hz  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.044641 Hz  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -20.215303 Hz  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -22.422245 Hz  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_091214//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_091214/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2009-12-14.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2009-12-14.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_091214/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS  
#####  
Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_091214/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_WVS\_2009-12-14.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2009-12-14 00:00:00 to 2009-12-14 23:59:59...  
Writing file ./RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_IMM\_2009-12-14.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_091214/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS  
#####  
Analysis will be performed from 2009-12-14 00:00:00 to 2009-12-14 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091214/TELEMETRY

Creating directory ./RESULTS/DAILY/\_091214/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 24 products from PDE...  
Checking 24 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 28 products from PDE...  
Checking 53 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 4 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 14 products from PDE...  
Checking 2 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 47 products from PDE...  
Found product..ASA\_WSM\_1PNPDE20091214\_021007\_000001472085\_00089\_40724\_9062.N1 / 0 gaps / 1 missing lines  
Checking 17 products from PDK...

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_091214/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_091214/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

BROWSE PRODUCTS ANALYSIS

#####  
Analysis will be performed on 2009-12-14

\*\*\*\*\*  
Scanning directory /nfs-store/ASAR\_Data//ASA\_GM\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_GM\_BP/JPG/20091214/

ANALYSIS COMPLETED: 0 GM browse products to see...  
\*\*\*\*\*

\*\*\*\*\*  
Scanning directory /nfs-store/ASAR\_Data//ASA\_AP\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_AP\_BP/JPG/20091214/

ANALYSIS COMPLETED: 0 AP browse products to see...  
\*\*\*\*\*

\*\*\*\*\*  
Scanning directory /nfs-store/ASAR\_Data//ASA\_IM\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_IM\_BP/JPG/20091214/

ANALYSIS COMPLETED: 0 IM browse products to see...  
\*\*\*\*\*

\*\*\*\*\*  
Scanning directory /nfs-store/ASAR\_Data//ASA\_WS\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_WS\_BP/JPG/20091214/

ANALYSIS COMPLETED: 0 WS browse products to see...  
\*\*\*\*\*

BROWSE PRODUCTS ANALYSIS completed  
#####

HTML REPORT generation  
#####

- Building file ./RESULTS/DAILY/\_091214/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_1PNPDE20091214_031918_000000432085_00090_40725_9067.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091214_072424_000002012085_00092_40727_9116.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091214_090244_000001132085_00093_40728_9130.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091214_154033_000000402085_00097_40732_9177.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_1PNPDE20091214_001542_000000902085_00088_40723_8990.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_002016_000003022085_00088_40723_8992.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_004515_000003682085_00088_40723_8994.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_005854_000006282085_00088_40723_8997.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_012622_000004222085_00088_40723_9042.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_015124_000000902085_00089_40724_9044.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_015525_000008762085_00089_40724_9047.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_023930_000006282085_00089_40724_9069.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_030047_000001202085_00089_40724_9078.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_030253_000004162085_00089_40724_9077.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_031121_000002472085_00089_40724_9076.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_032021_000007732085_00090_40725_9074.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_033402_000010092085_00090_40725_9072.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_042005_000005432085_00090_40725_9091.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_043432_000000902085_00090_40725_9093.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_045754_000006282085_00091_40726_9095.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_050942_000000722085_00091_40726_9094.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_051334_000003922085_00091_40726_9096.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_052305_000004832085_00091_40726_9099.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_201659_000002232085_00100_40735_9192.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_202936_000001752085_00100_40735_9193.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_210606_000005672085_00100_40735_9196.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_212935_000003622085_00100_40735_9207.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_213741_000006712085_00100_40735_9209.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_215716_000000722085_00101_40736_9210.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_224641_000007072085_00101_40736_9213.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_234412_000003322085_00102_40737_9221.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091214_235408_000000962085_00102_40737_9223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_060042_000006282085_00091_40726_0149.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_061441_000001202085_00091_40726_0151.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_065003_000000962085_00092_40727_0153.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_065428_000001142085_00092_40727_0152.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_065957_000001632085_00092_40727_0155.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_065957_000001632085_00092_40727_0157.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_070131_000000722085_00092_40727_0168.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_070438_000008942085_00092_40727_0169.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_074121_000006042085_00092_40727_0171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_075552_000000842085_00092_40727_0172.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_083049_000000842085_00093_40728_0173.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_083354_000006222085_00093_40728_0175.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_084305_000001692085_00093_40728_0190.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091214_132746_000008462085_00096_40731_0234.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091214_144654_000002292085_00096_40731_0253.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091214_151933_000000602085_00097_40732_0255.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091214_154134_000001442085_00097_40732_0270.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_160418_000007792085_00097_40732_0273.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_164042_000002592085_00098_40733_0272.N1	OK	OK	OK	OK
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ASA_GM1_1PNPDK20091214_165523_000001322085_00098_40733_0275.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_165625_000003082085_00098_40733_0289.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_170717_000002712085_00098_40733_0288.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_171339_000001872085_00098_40733_0290.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_174454_000007912085_00098_40733_0294.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_182233_000001442085_00099_40734_0293.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_182828_000000722085_00099_40734_0292.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_183126_000003082085_00099_40734_0295.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_183517_000001632085_00099_40734_0307.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_184149_000001812085_00099_40734_0308.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_192530_000007312085_00099_40734_0310.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_195425_000007552085_00099_40734_0311.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091214_201022_000001872085_00100_40735_0313.N1	OK	OK	OK	OK

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

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ASA_IMM_1PNPDE20091214_035048_000003742085_00090_40725_9070.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_050838_000000522085_00091_40726_9109.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20091214_053437_000001142085_00091_40726_9089.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_054921_000000372085_00091_40726_9110.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_072313_000000682085_00092_40727_9114.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_163858_000000622085_00098_40733_9180.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_171645_000002092085_00098_40733_9183.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_182456_000002022085_00099_40734_9184.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_233752_000002782085_00102_40737_9236.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091214_234248_000000732085_00102_40737_9237.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091214_102505_000000922085_00094_40729_0203.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091214_132537_000001172085_00096_40731_0243.N1					OK	OK	OK	OK

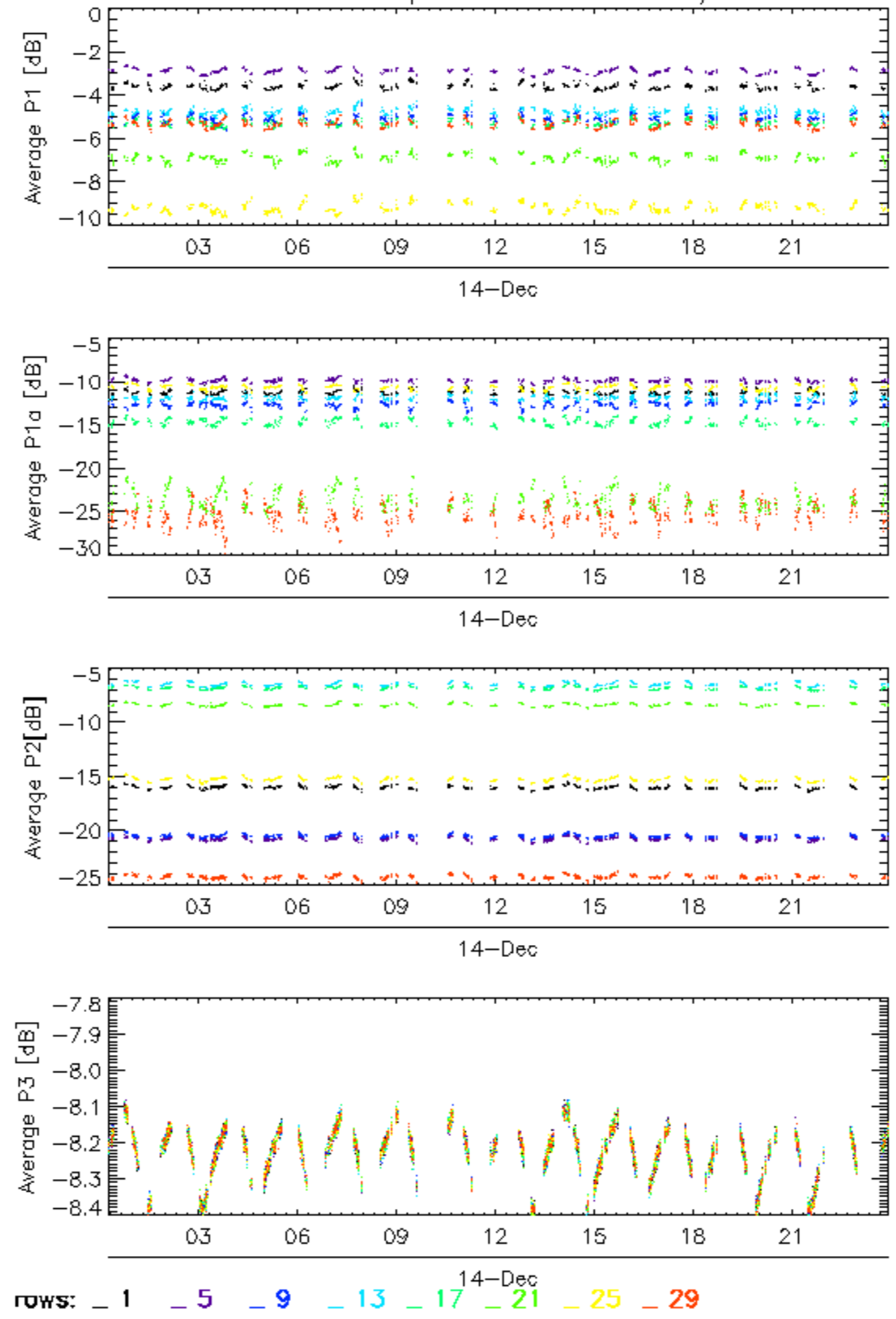
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WSM_1PNPDE20091214_001723_000001652085_00088_40723_9010.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_010934_000003362085_00088_40723_9007.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_014702_000002452085_00089_40724_9060.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_021007_000001472085_00089_40724_9062.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_021337_000000862085_00089_40724_9063.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_025006_000002942085_00089_40724_9065.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_042917_000002322085_00090_40725_9105.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_043319_000000672085_00090_40725_9108.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_051105_000001472085_00091_40726_9107.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_052010_000001712085_00091_40726_9087.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_070256_000000982085_00092_40727_9112.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_071937_000001842085_00092_40727_9113.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_072825_000001712085_00092_40727_9115.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_073202_000002692085_00092_40727_9117.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_101822_000000982085_00094_40729_9144.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_102734_000003002085_00094_40729_9145.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_122626_000004772085_00095_40730_9170.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_134846_000001472085_00096_40731_9172.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_143156_000001592085_00096_40731_9174.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_152508_000001282085_00097_40732_9176.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_164510_000001472085_00098_40733_9178.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_171157_000000982085_00098_40733_9182.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_175813_000001102085_00098_40733_9179.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_182954_000000922085_00099_40734_9185.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_185159_000001532085_00099_40734_9189.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_193745_000001652085_00099_40734_9187.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091214_195017_000001042085_00099_40734_9191.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091214_202320_000003672085_00100_40735_9204.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20091214_065151_000001532085_00092_40727_0164.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20091214_165414_000000672085_00098_40733_0281.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091214_170137_000002202085_00098_40733_0283.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091214_183807_000002202085_00099_40734_0302.N1					OK	OK	OK	OK
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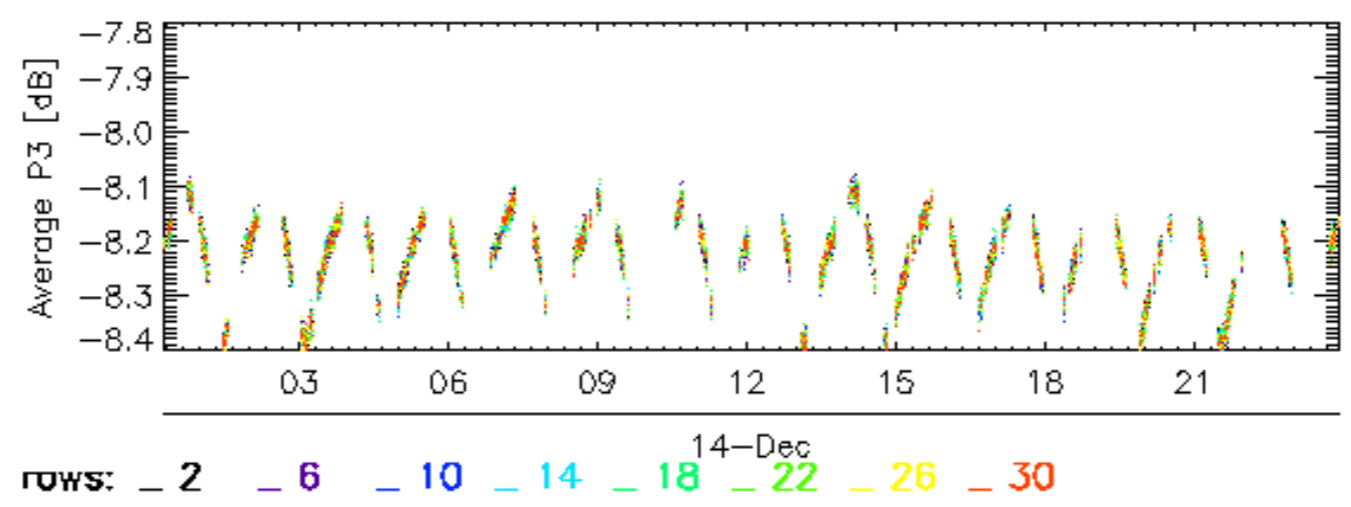
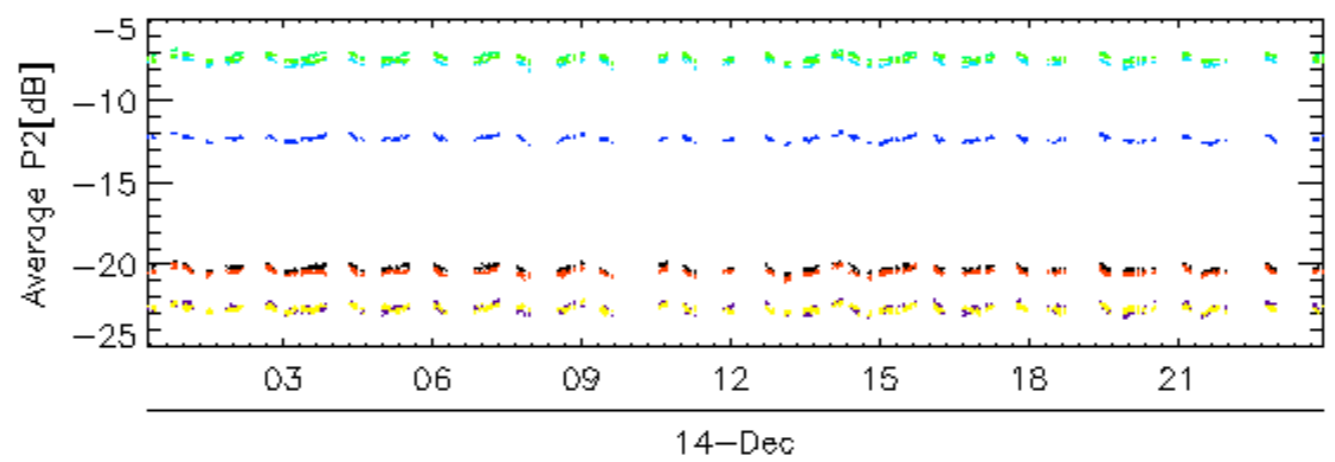
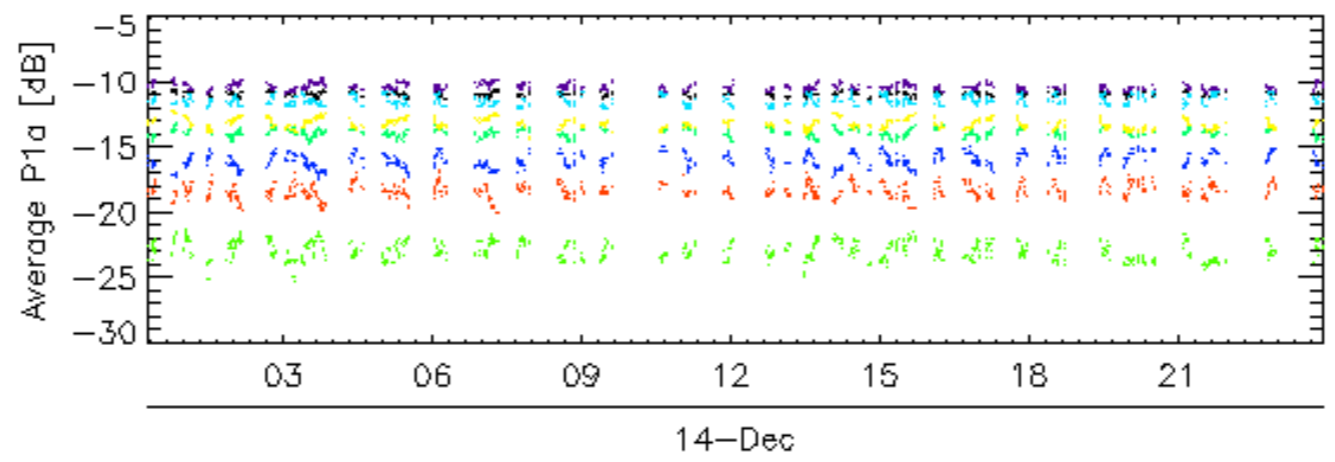
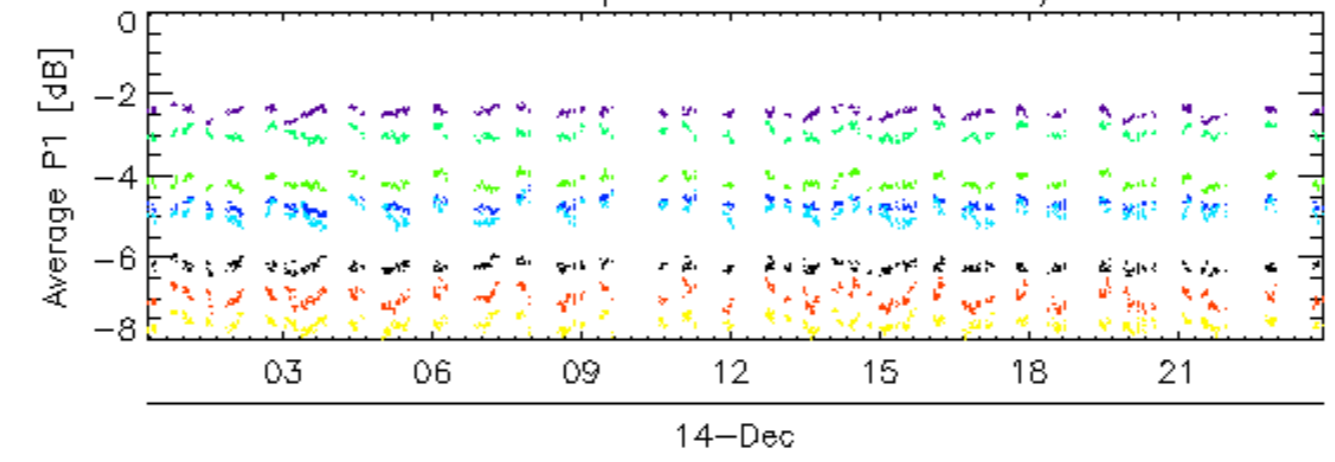
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20091214_011512_000002552085_00088_40723_8996.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_011842_000002702085_00088_40723_9043.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_013327_000007192085_00089_40724_9045.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_021735_000011392085_00089_40724_9046.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_023605_000001652085_00089_40724_9068.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_025525_000002702085_00089_40724_9075.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_031532_000001942085_00090_40725_9079.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_035713_000010192085_00090_40725_9073.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_041357_000000752085_00090_40725_9090.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_041835_000000452085_00090_40725_9092.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_043610_000012592085_00090_40725_9097.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_053649_000007192085_00091_40726_9098.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_055004_000002852085_00091_40726_9100.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091214_203231_000019642085_00100_40735_9194.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20091214_213536_000000742085_00100_40735_9208.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091214_154404_000011692085_00097_40732_0271.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091214_162013_000010792085_00097_40732_0276.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091214_172044_000014092085_00098_40733_0291.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091214_180315_000011092085_00098_40733_0296.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091214_185434_000018142085_00099_40734_0309.N1					OK	OK	OK	OK
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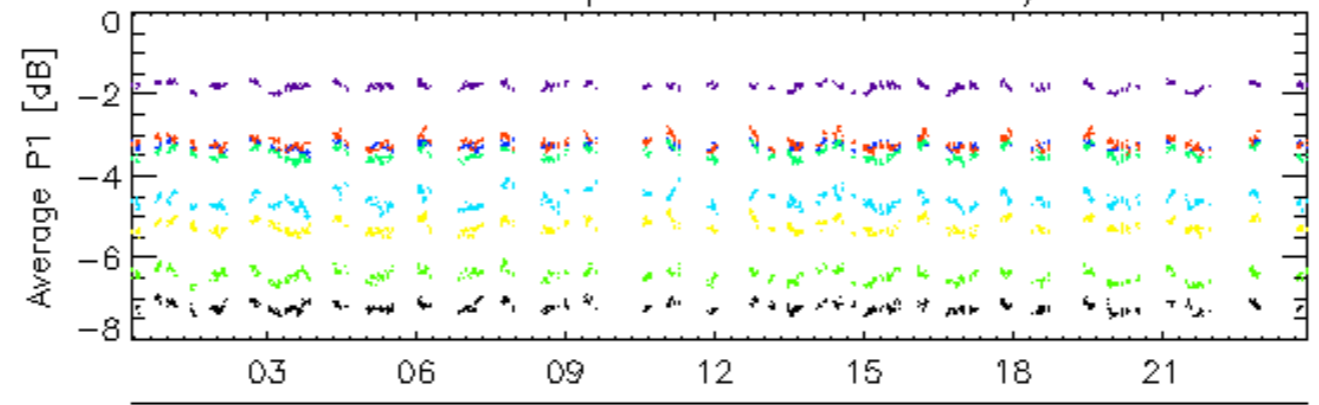
### Calibration pulses for GM1 SS3 H/H



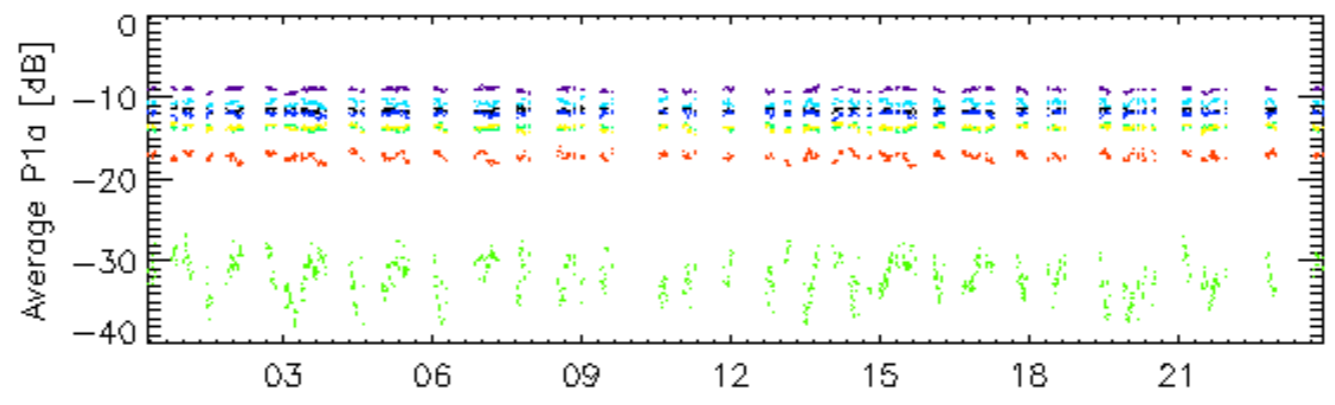
### Calibration pulses for GM1 SS3 H/H



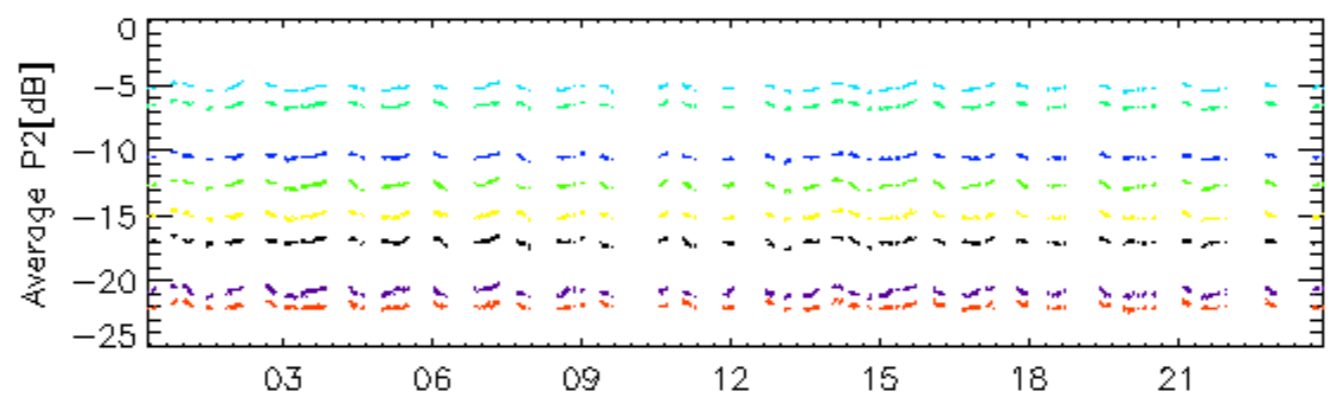
Calibration pulses for GM1 SS3 H/H



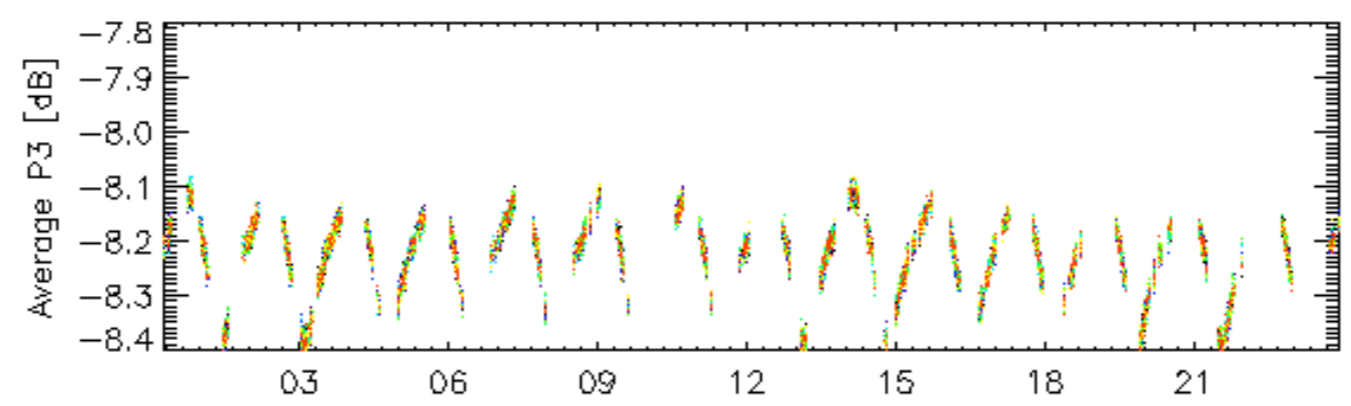
14-Dec



14-Dec



14-Dec

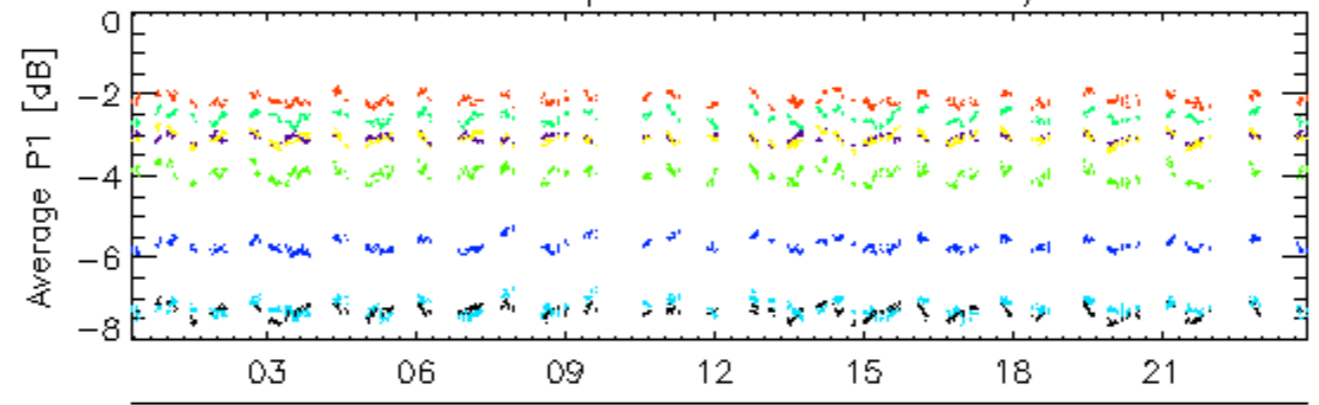


14-Dec

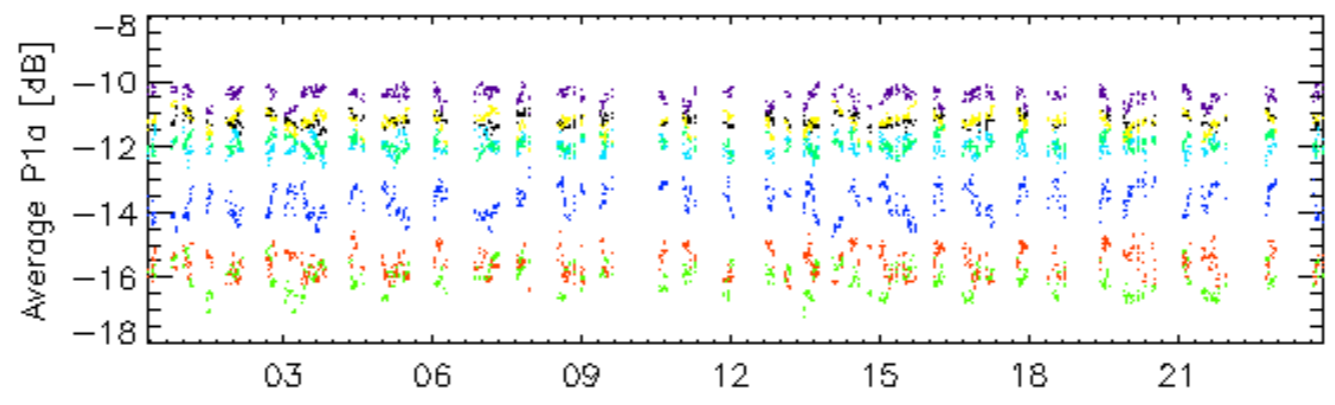
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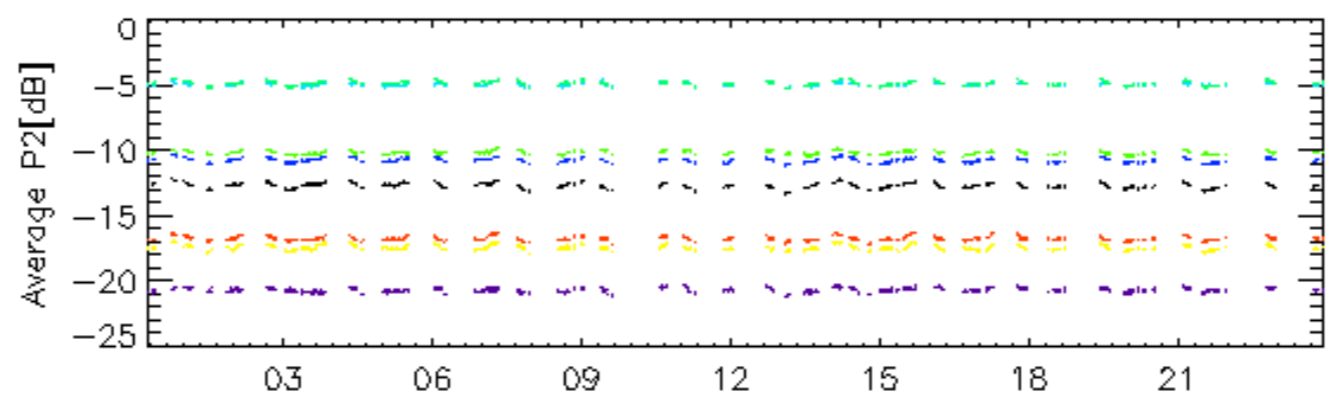
Calibration pulses for GM1 SS3 H/H



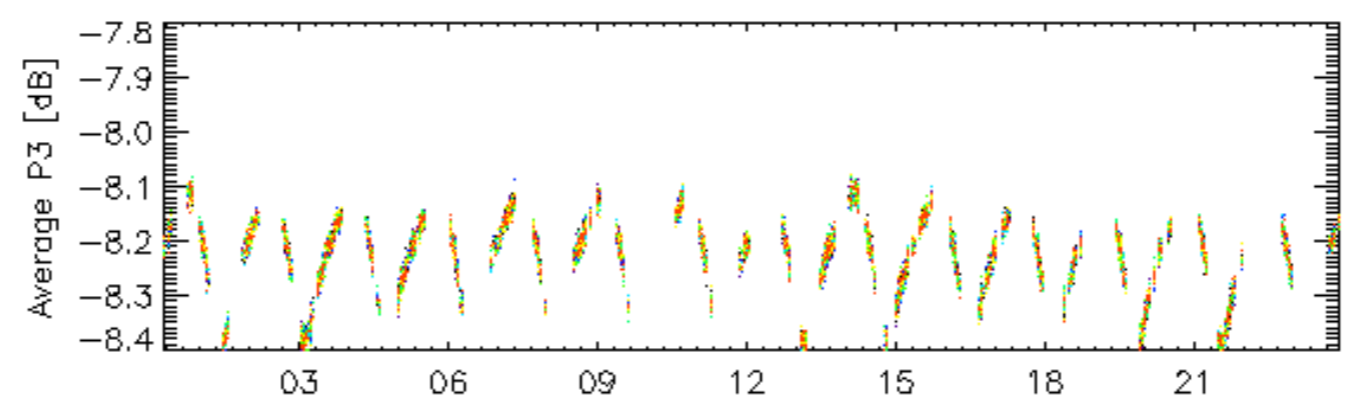
14-Dec



14-Dec

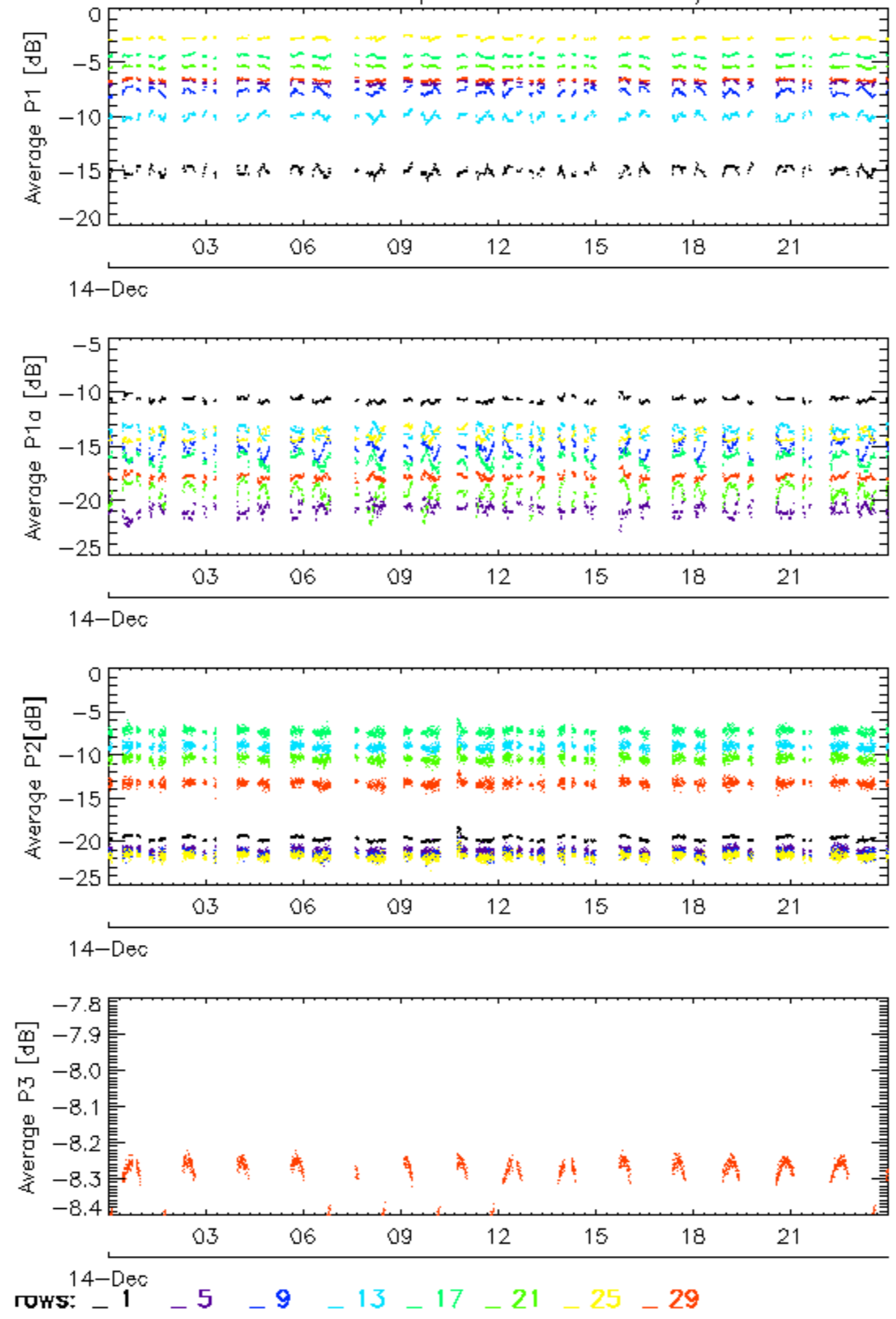


14-Dec

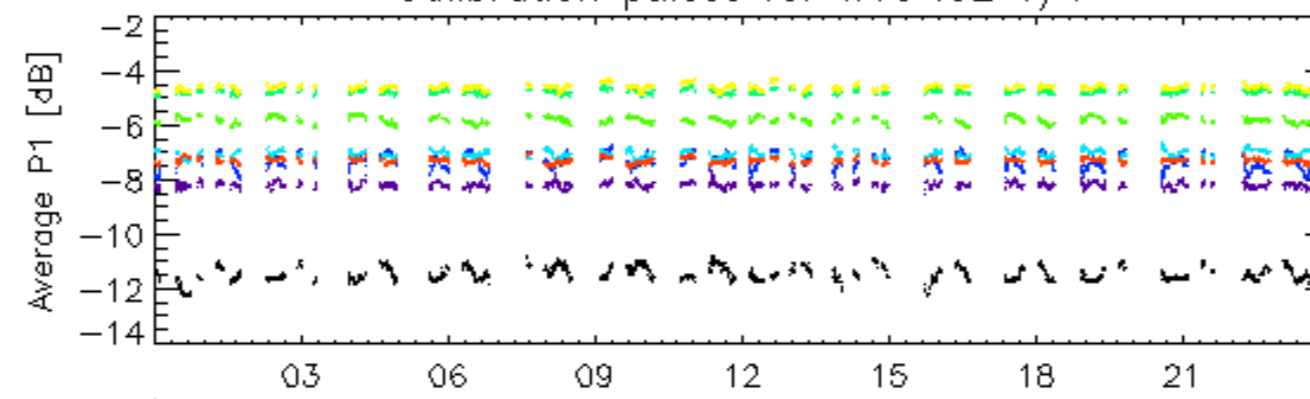


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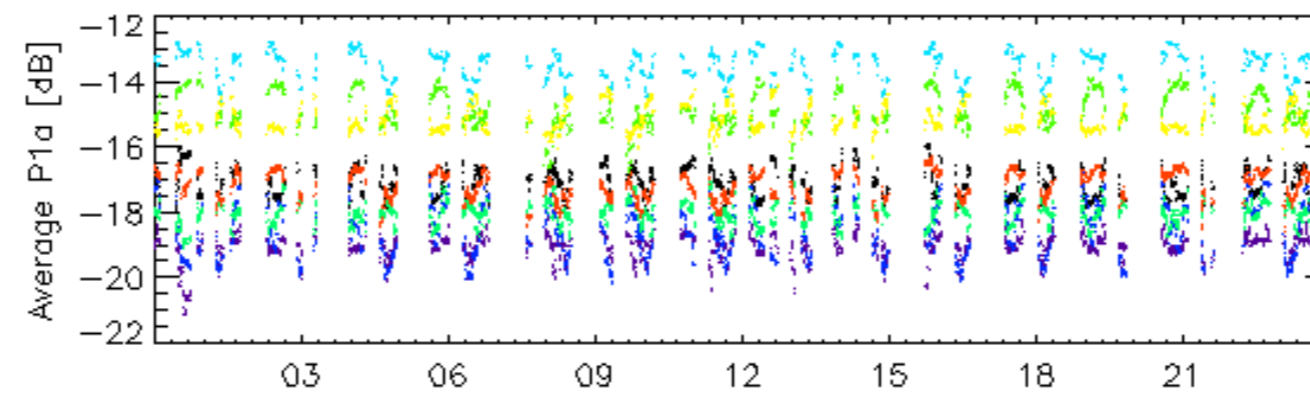
### Calibration pulses for WVS IS2 V/V



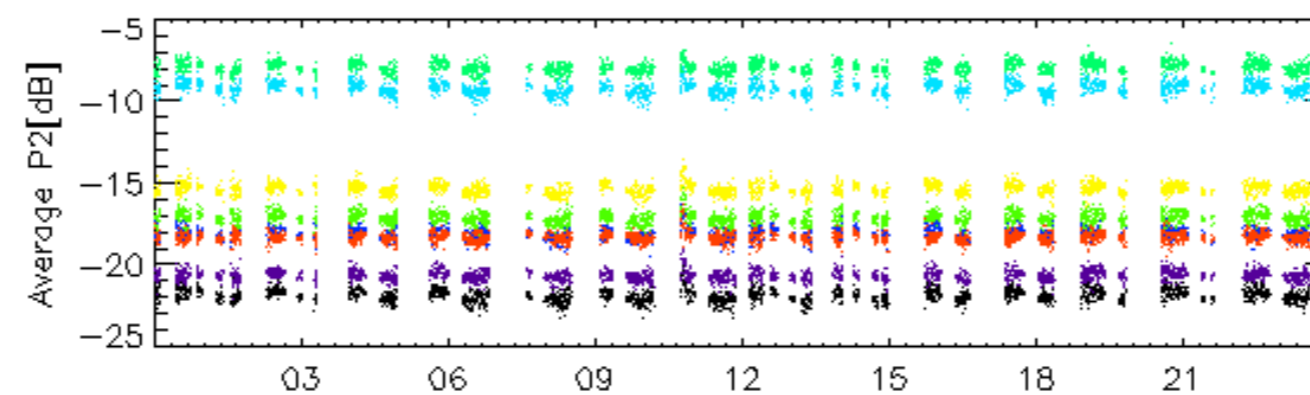
### Calibration pulses for WVS IS2 V/V



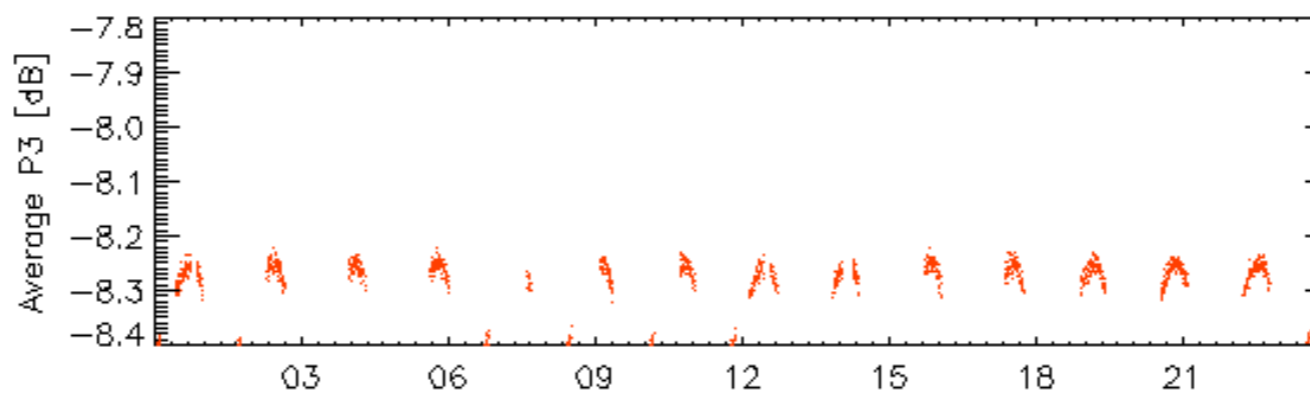
14-Dec



14-Dec



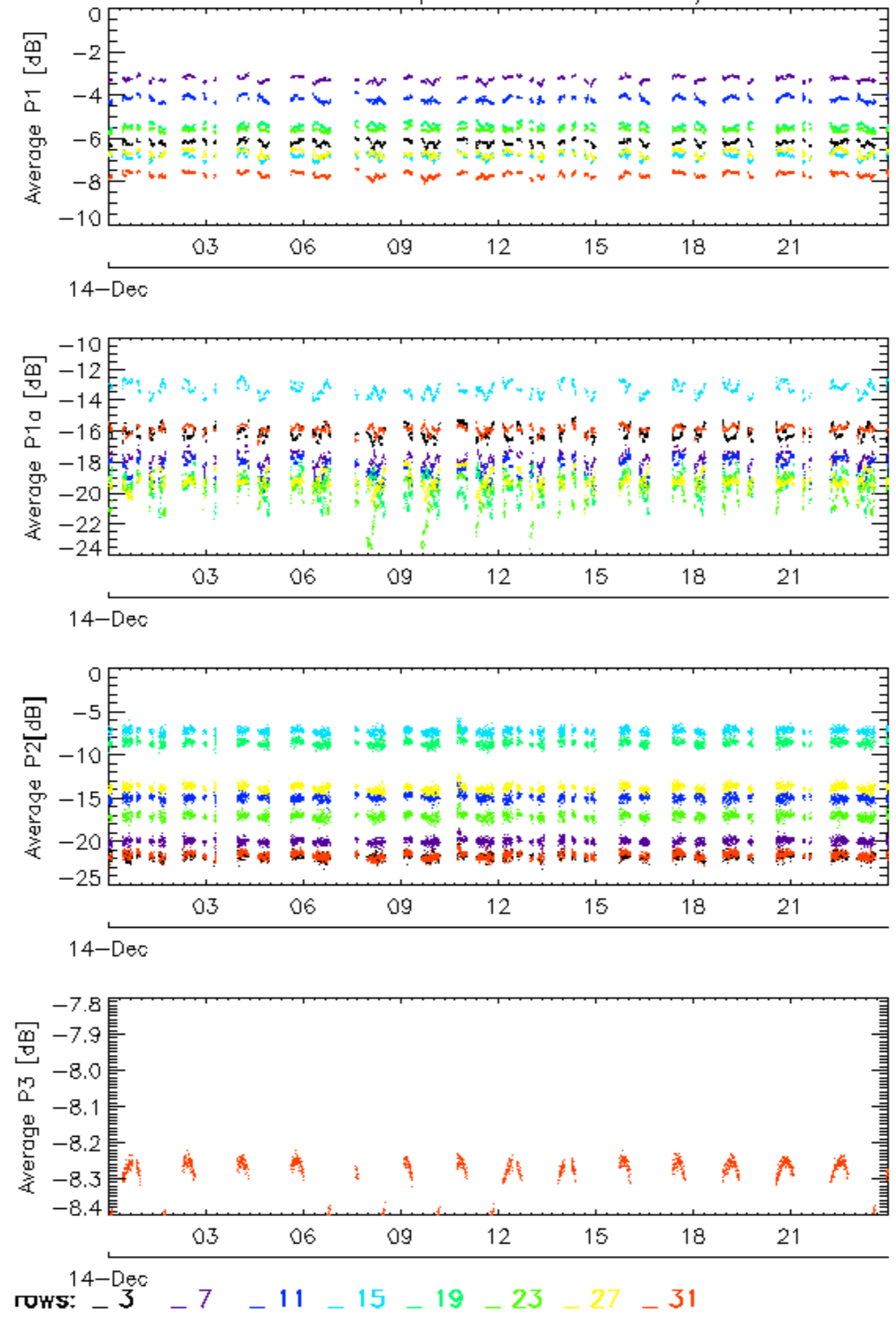
14-Dec



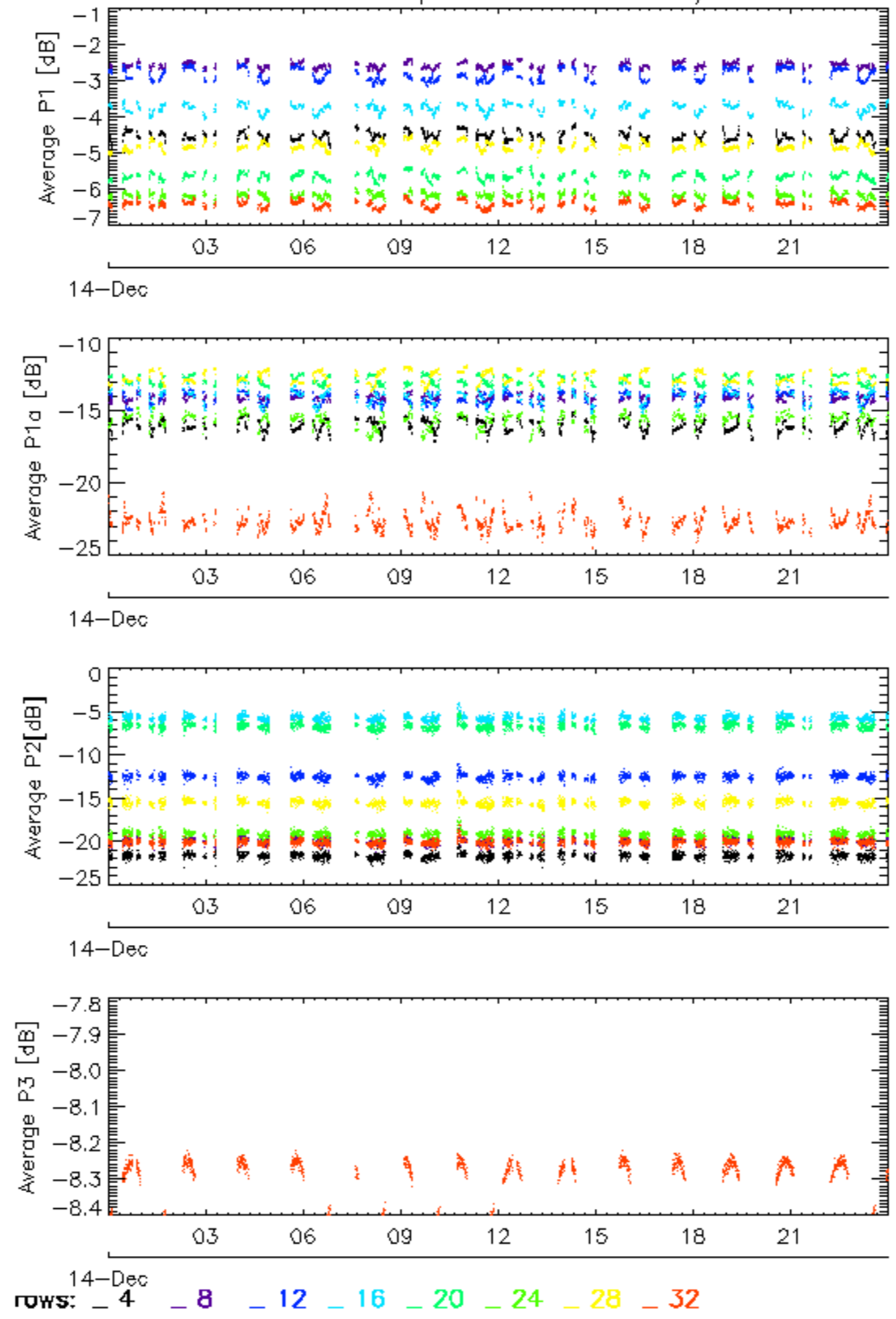
14-Dec

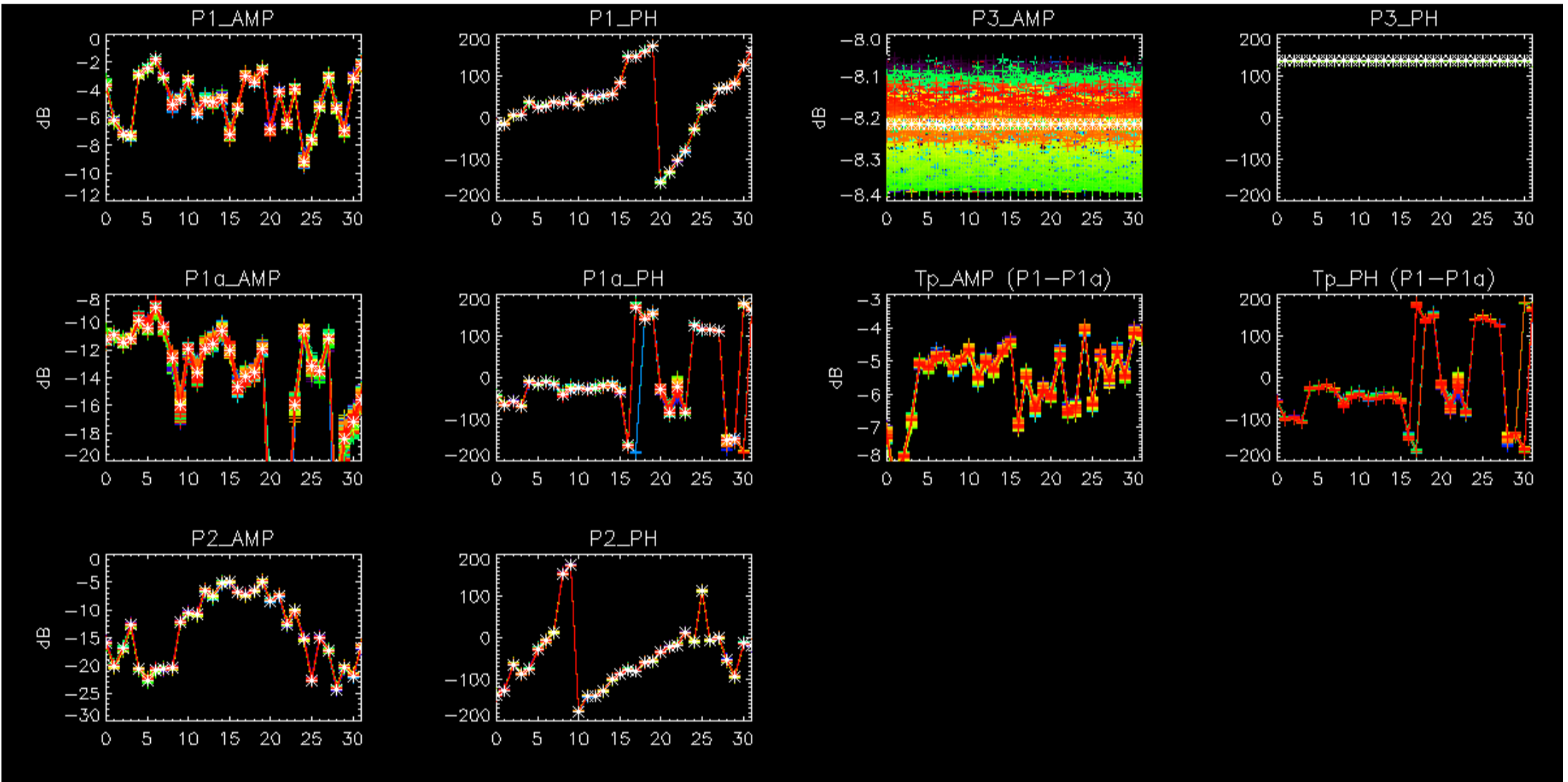
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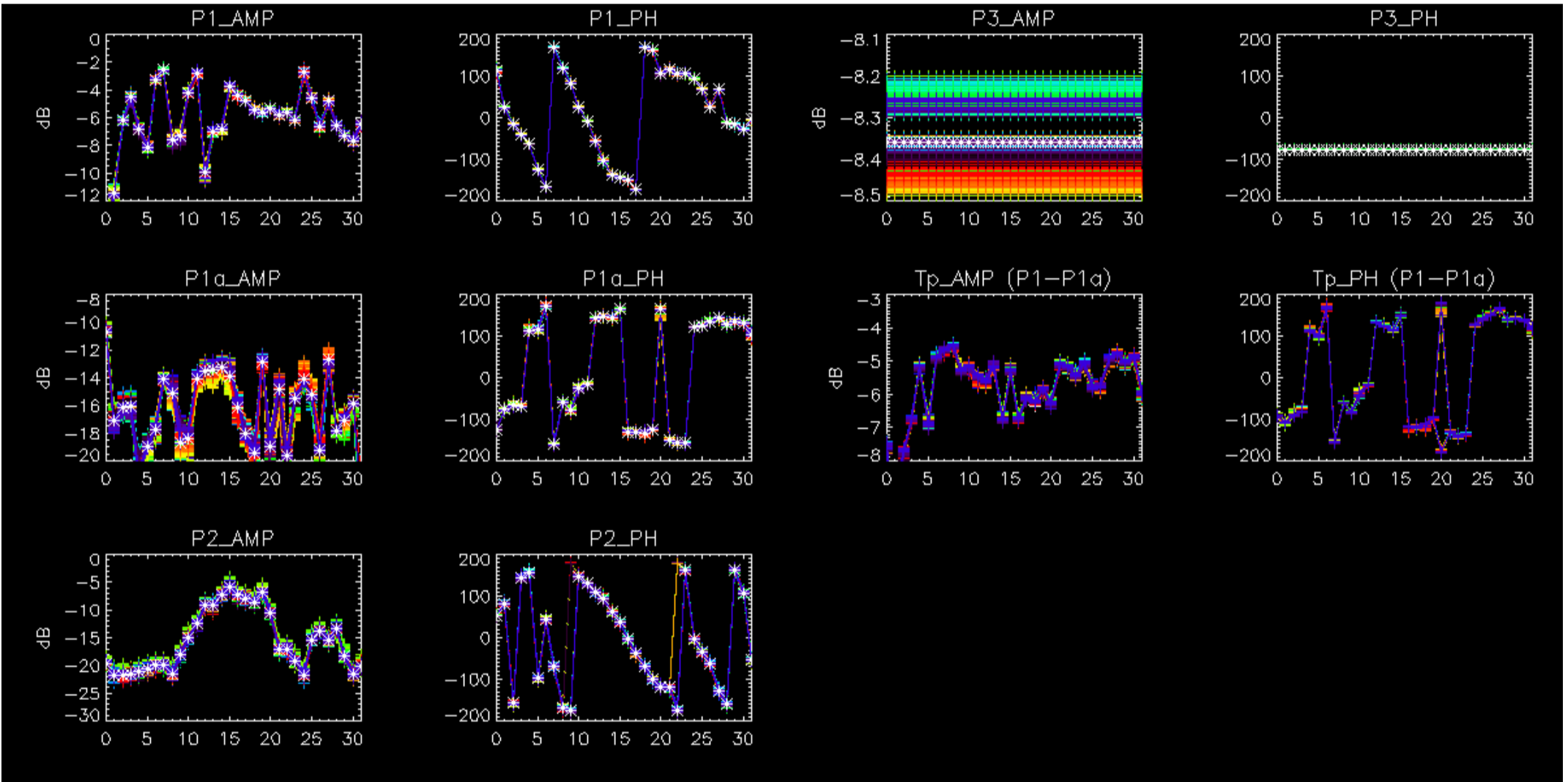
### Calibration pulses for WVS IS2 V/V

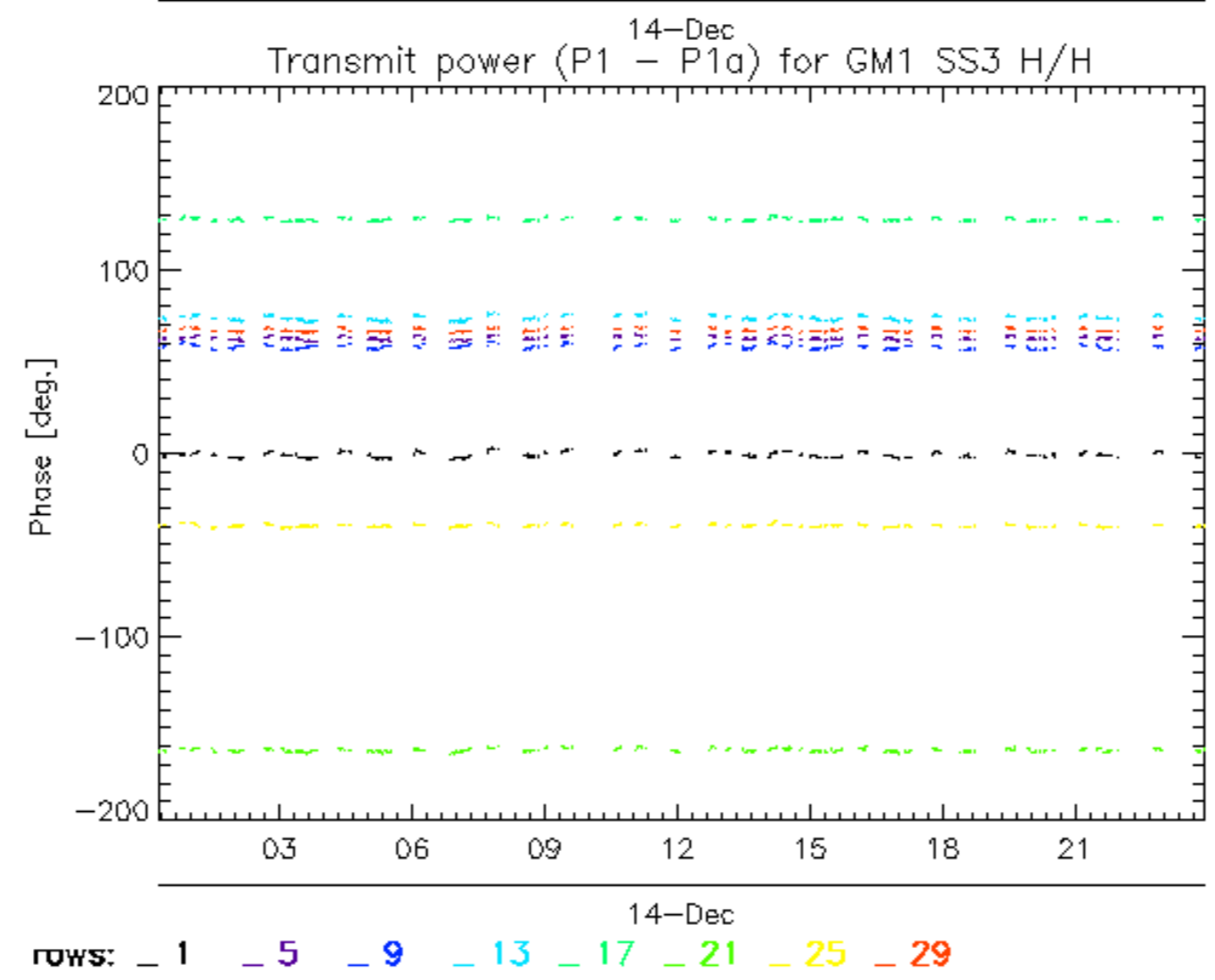
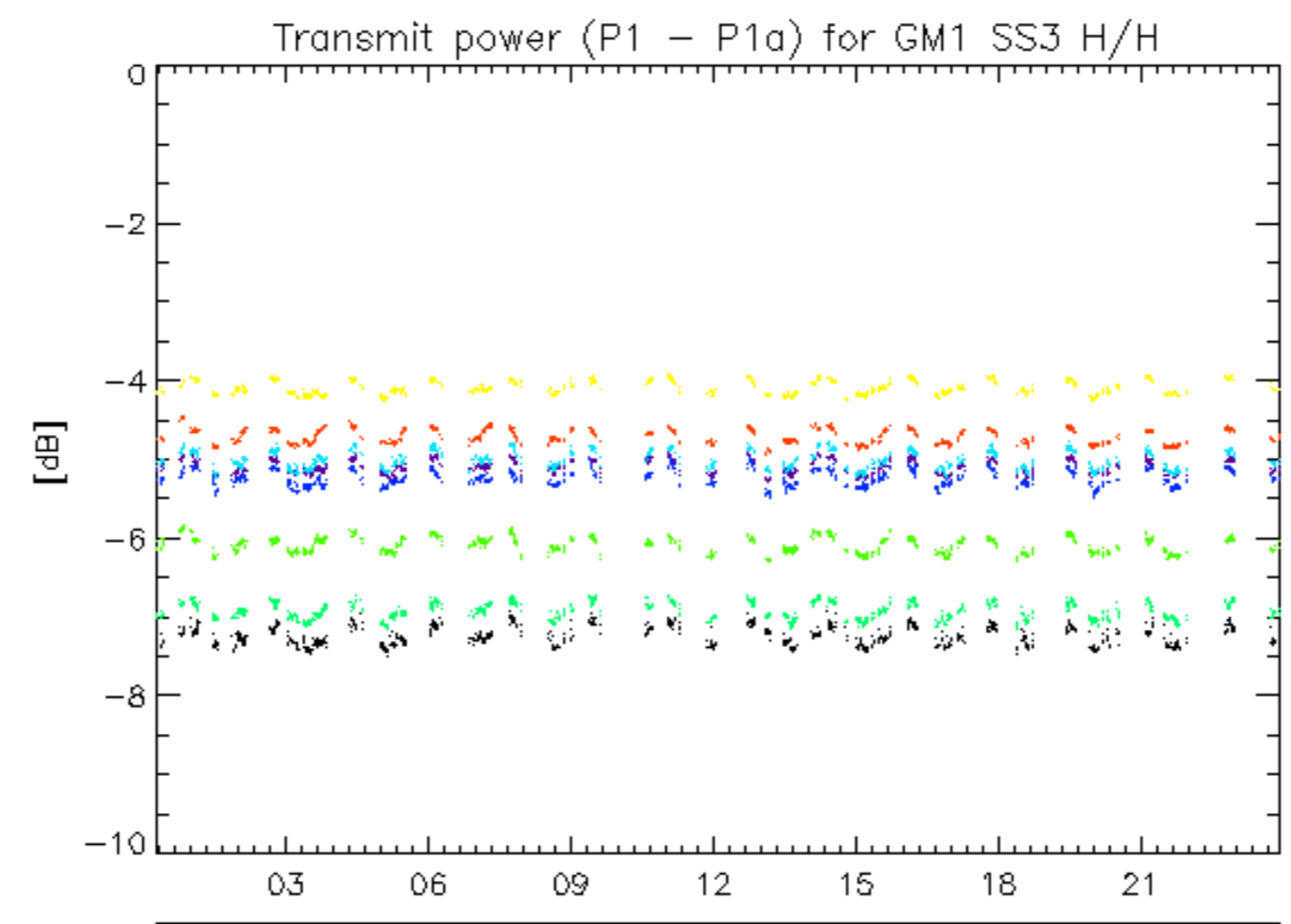


### Calibration pulses for WVS IS2 V/V

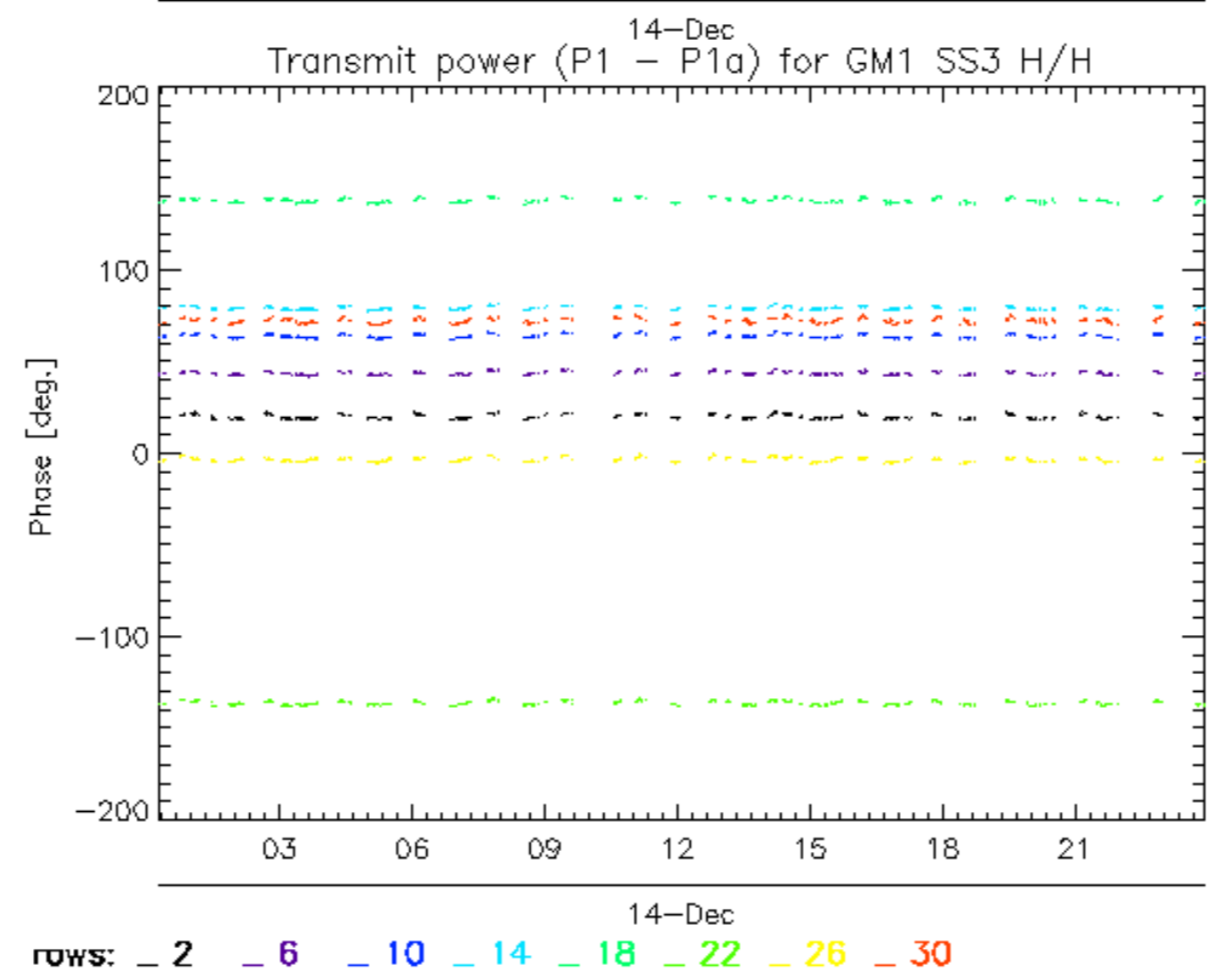
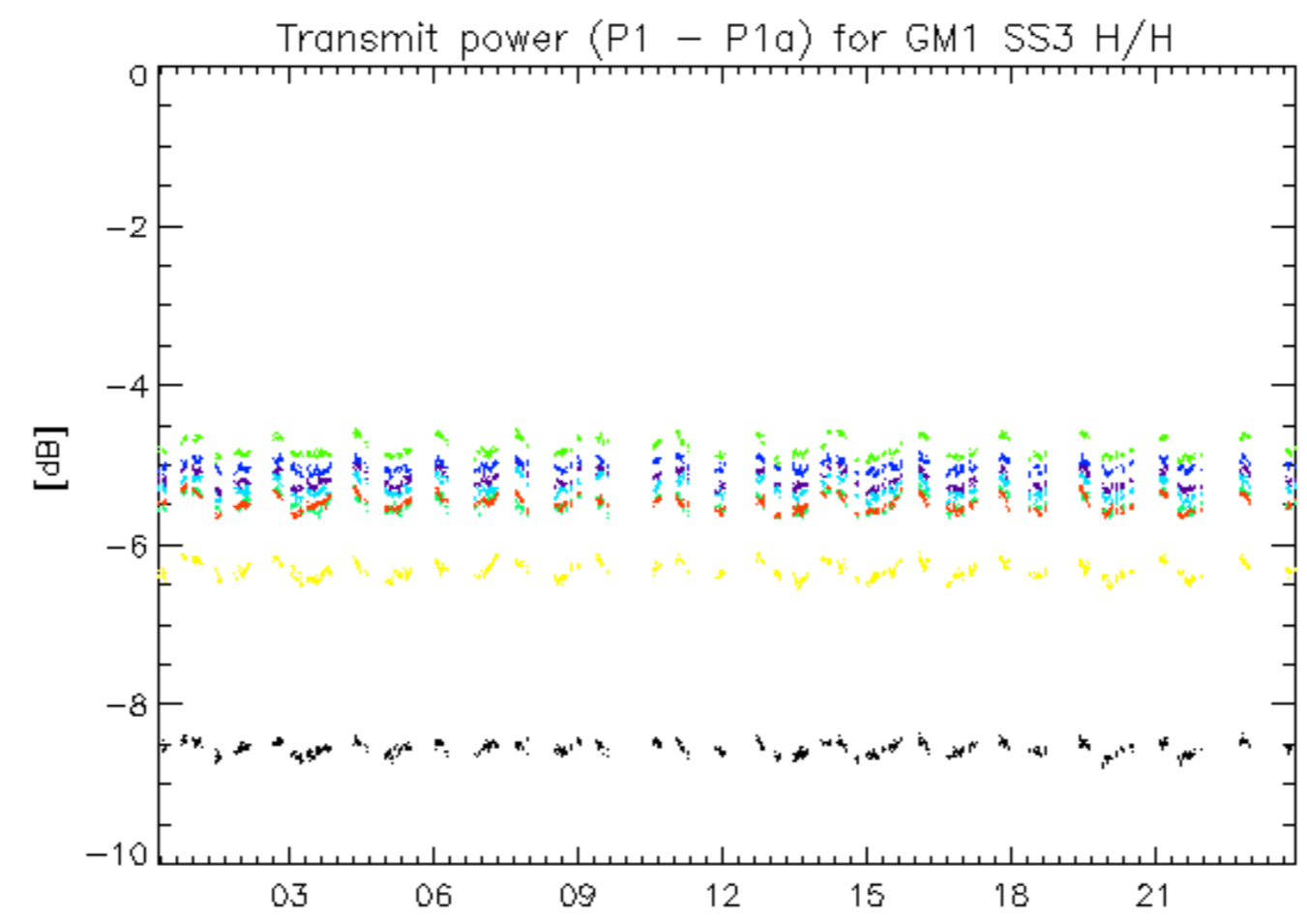


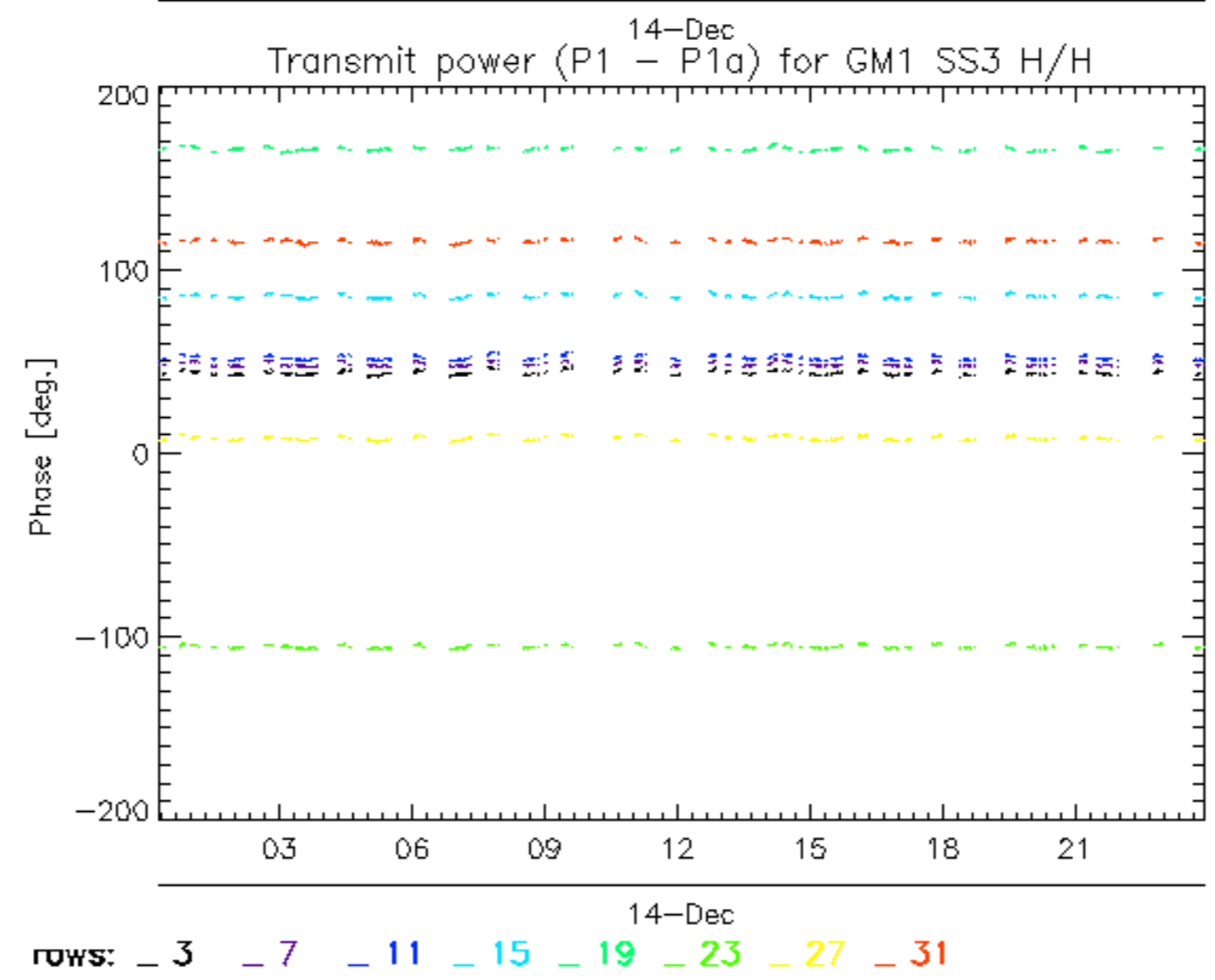
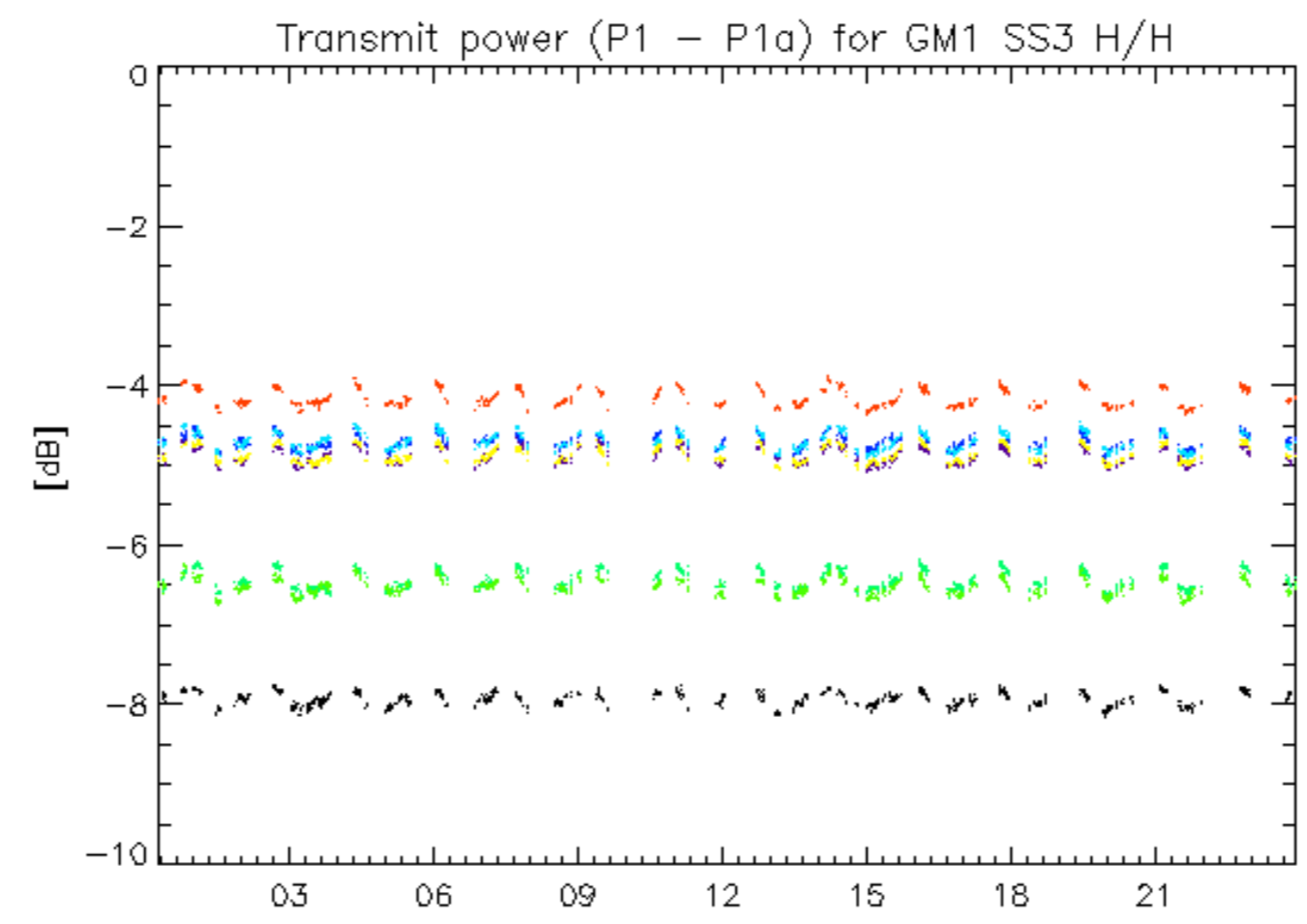


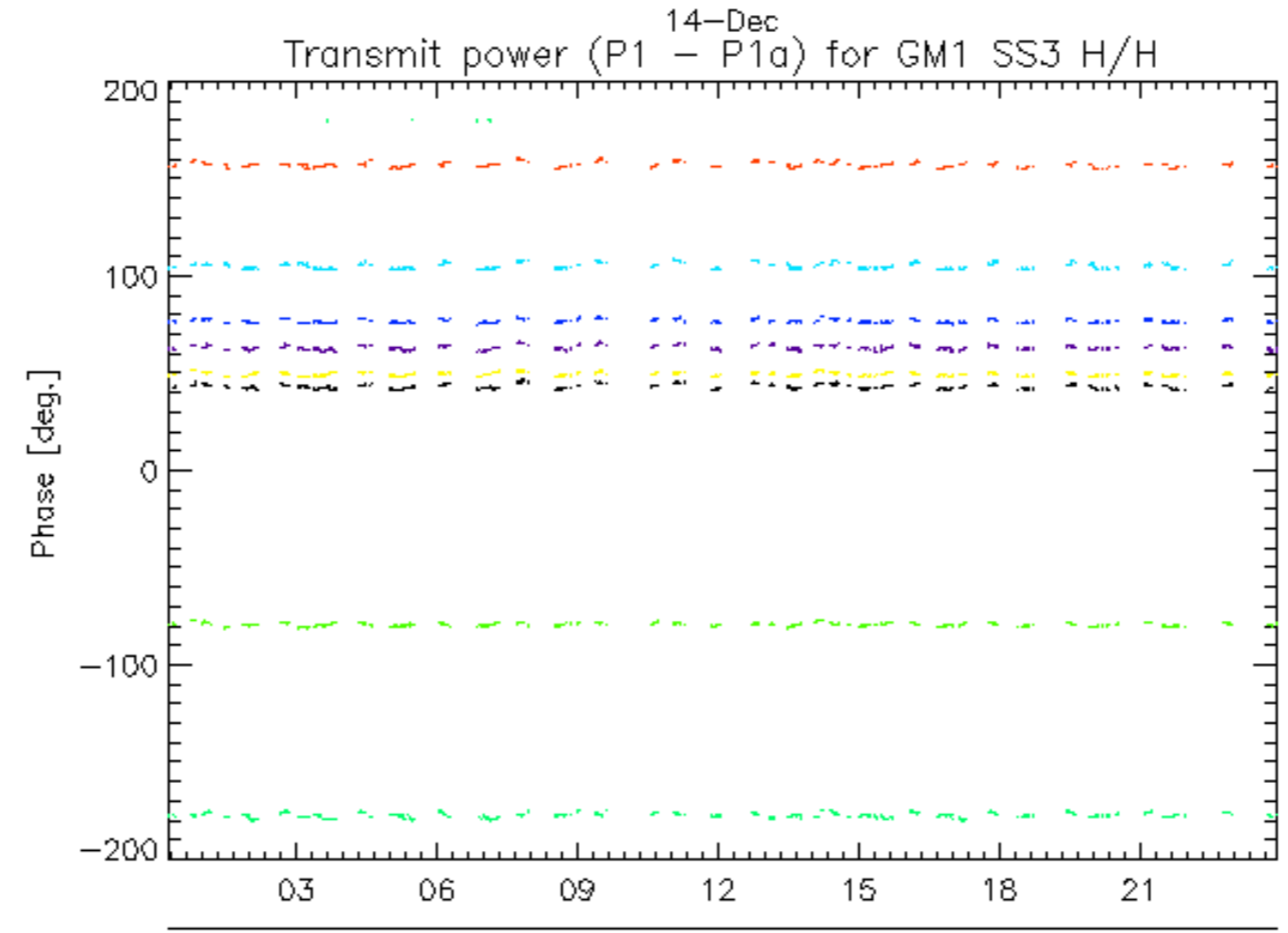
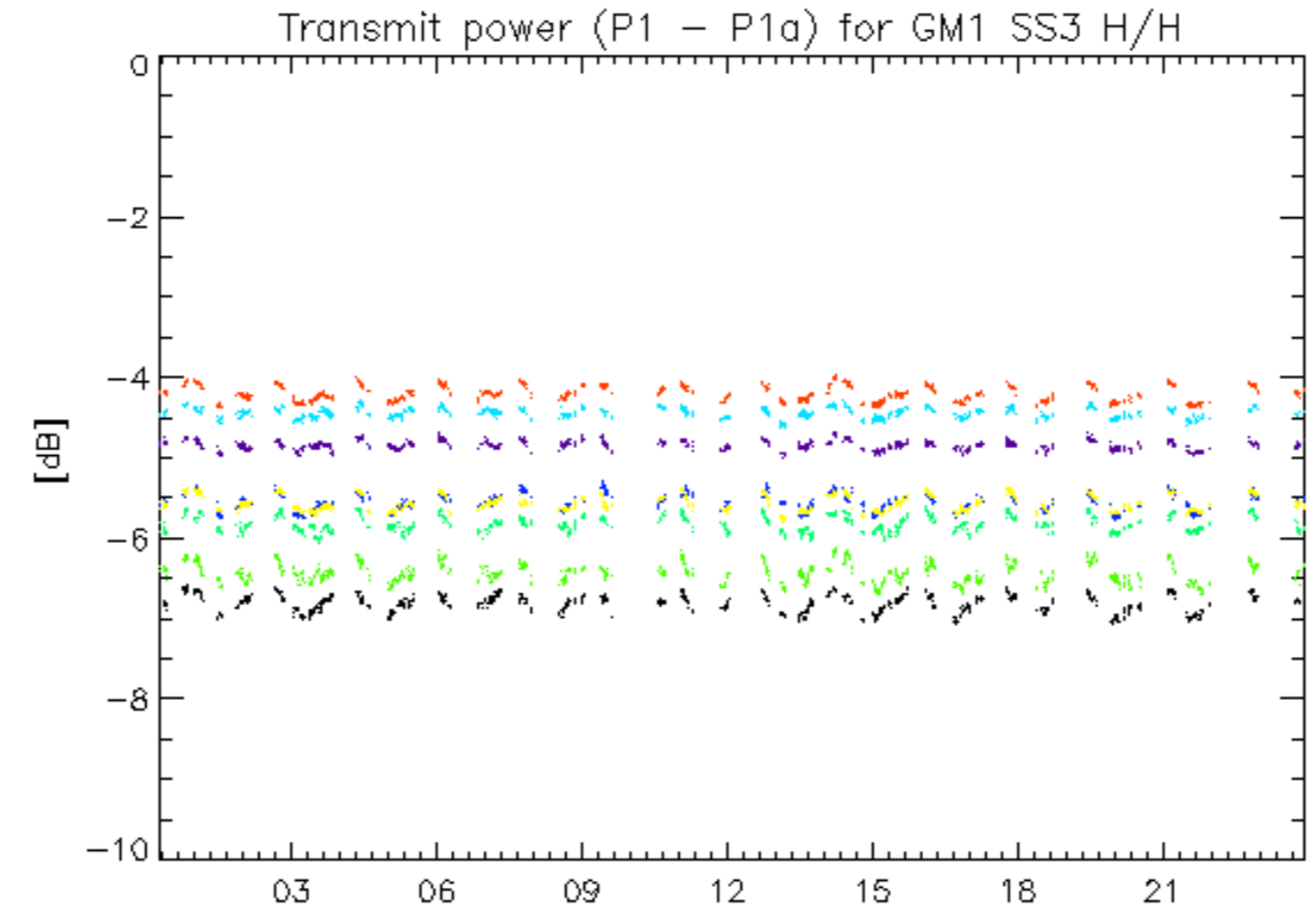




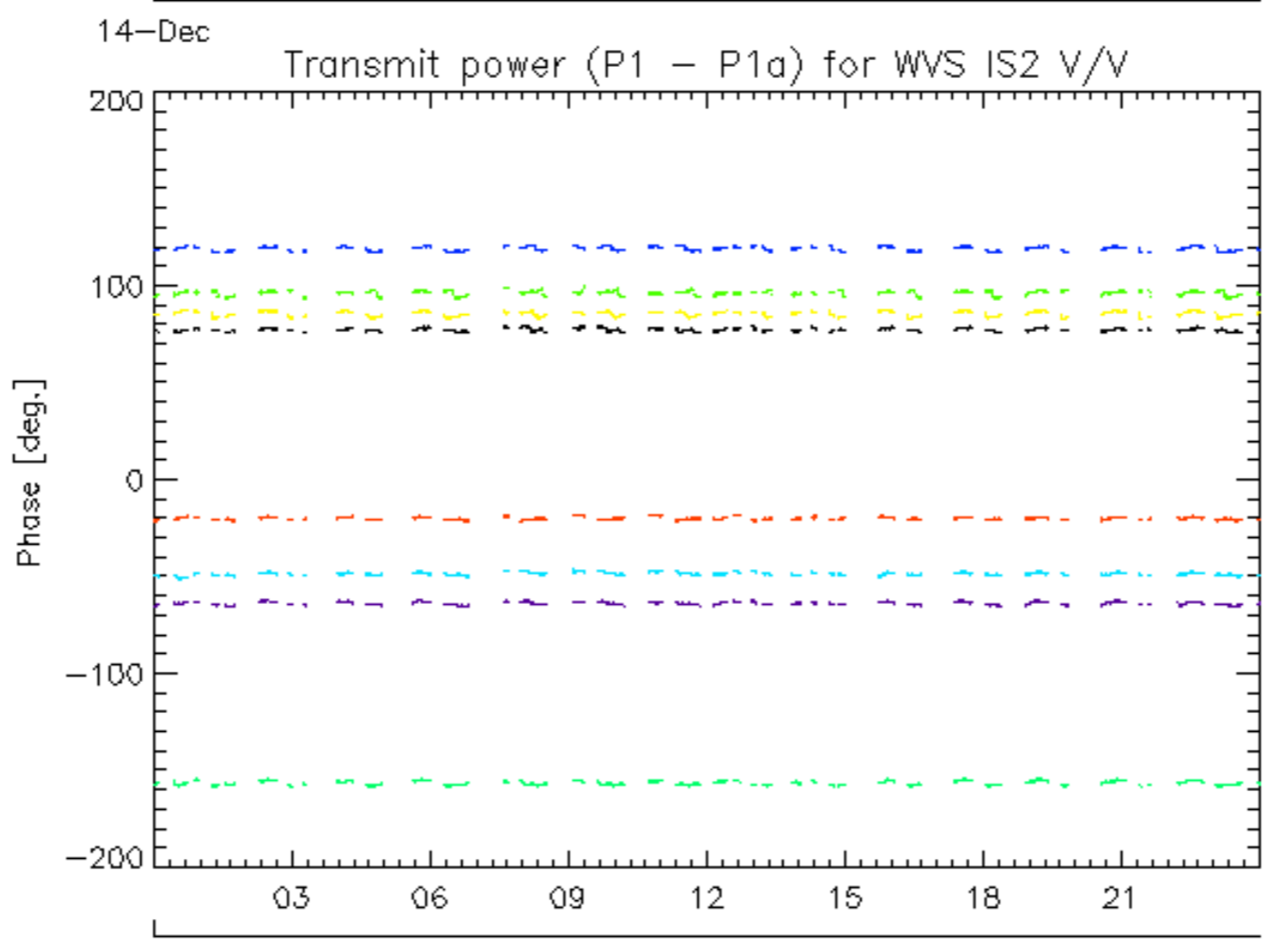
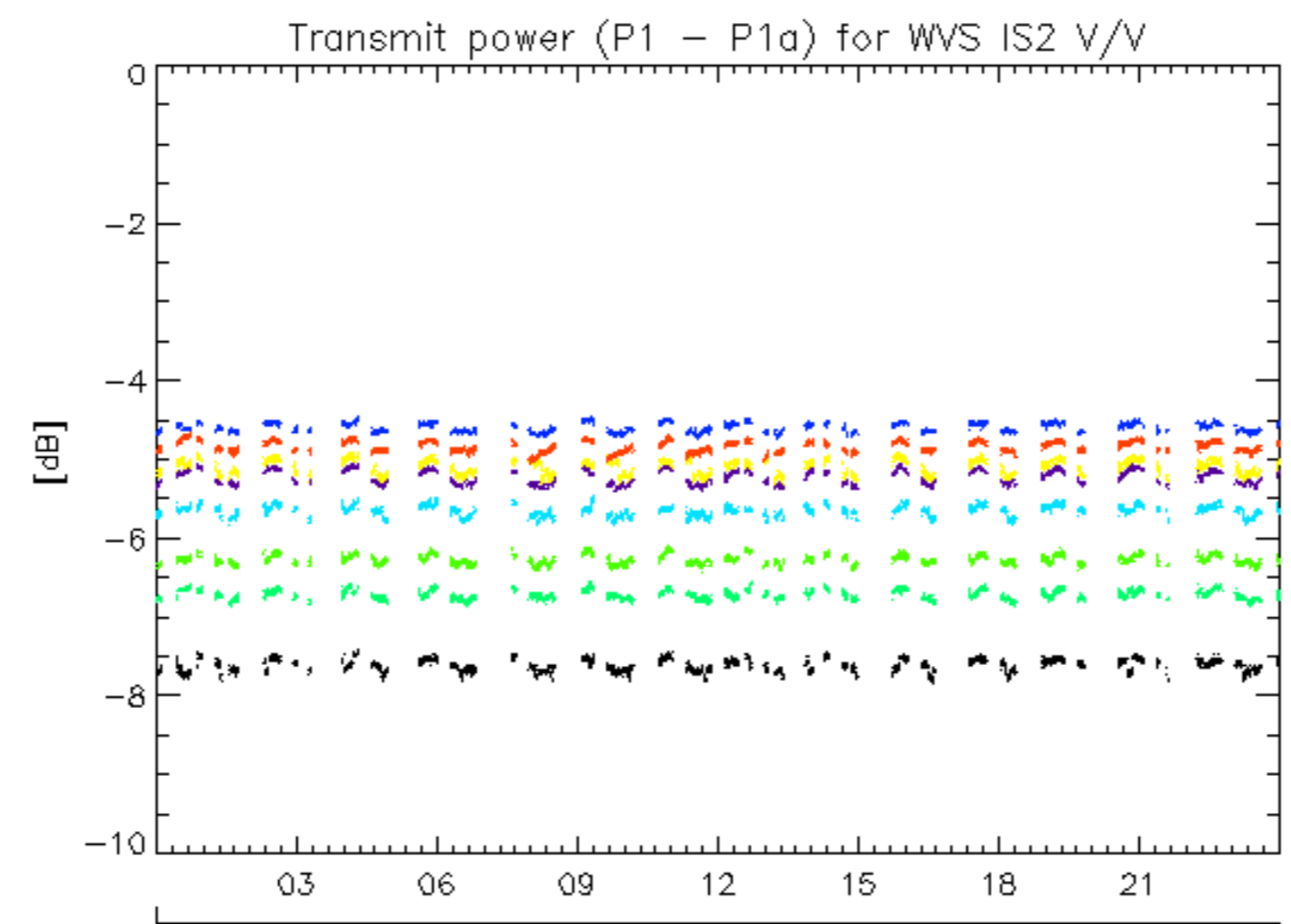






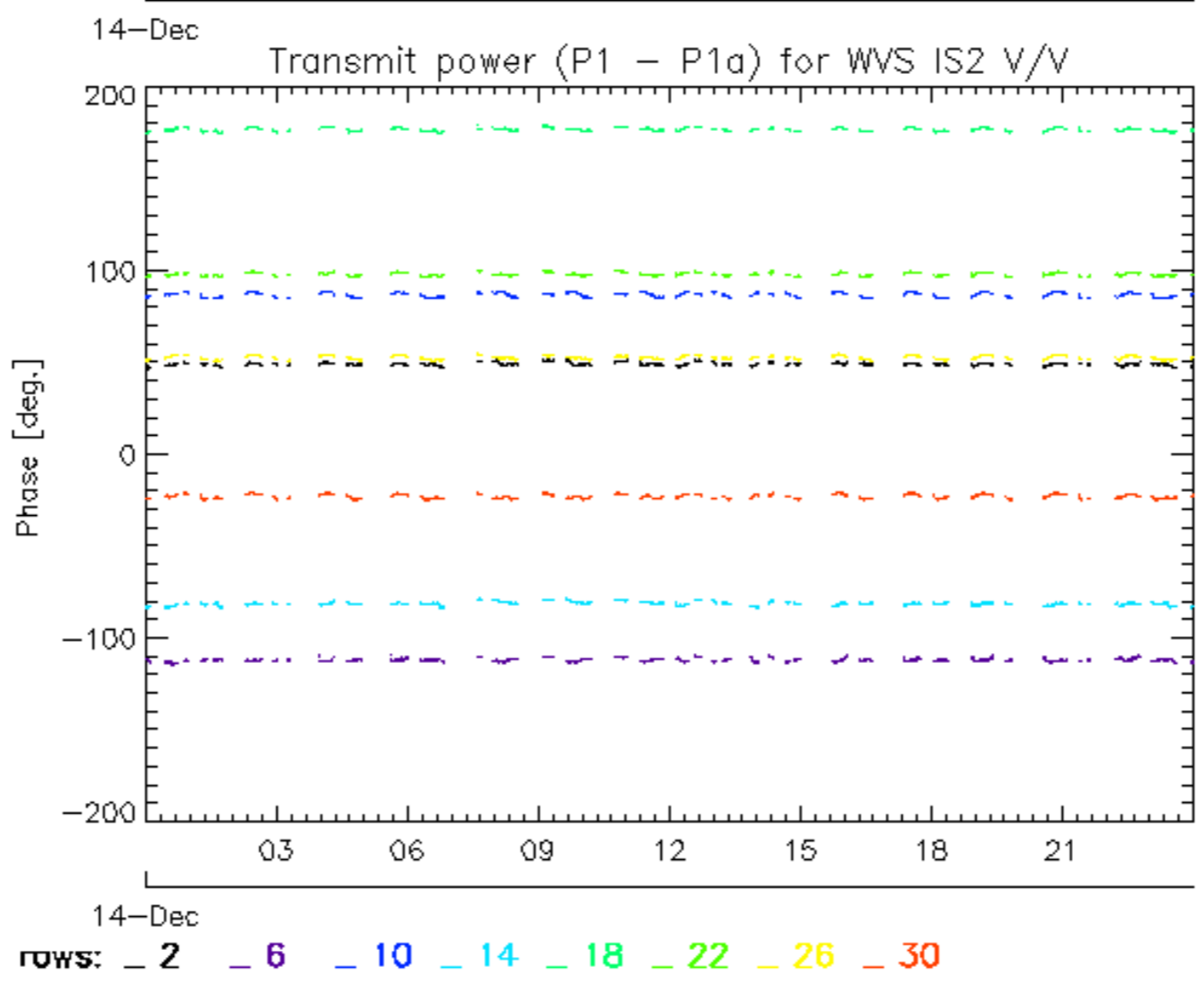
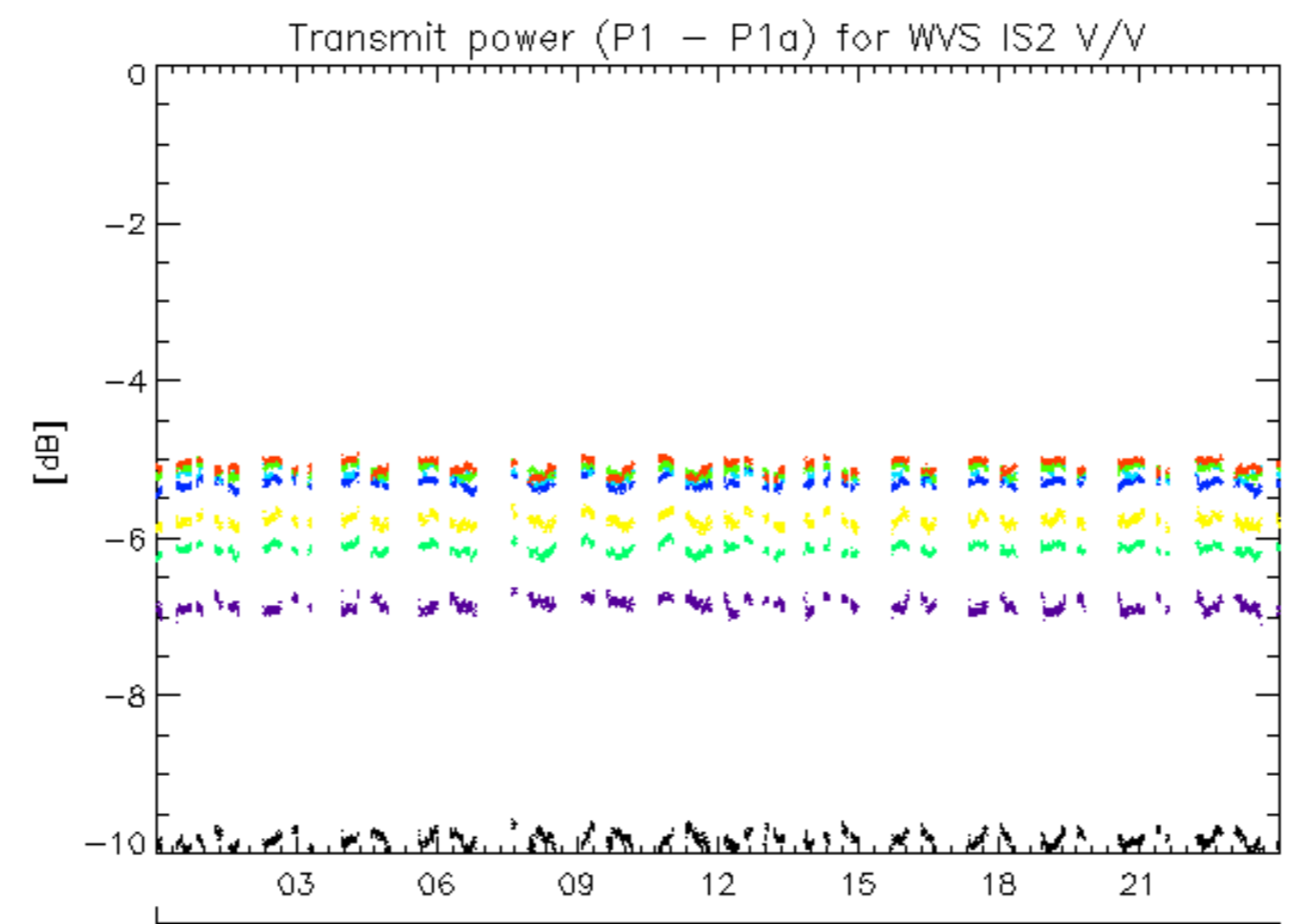


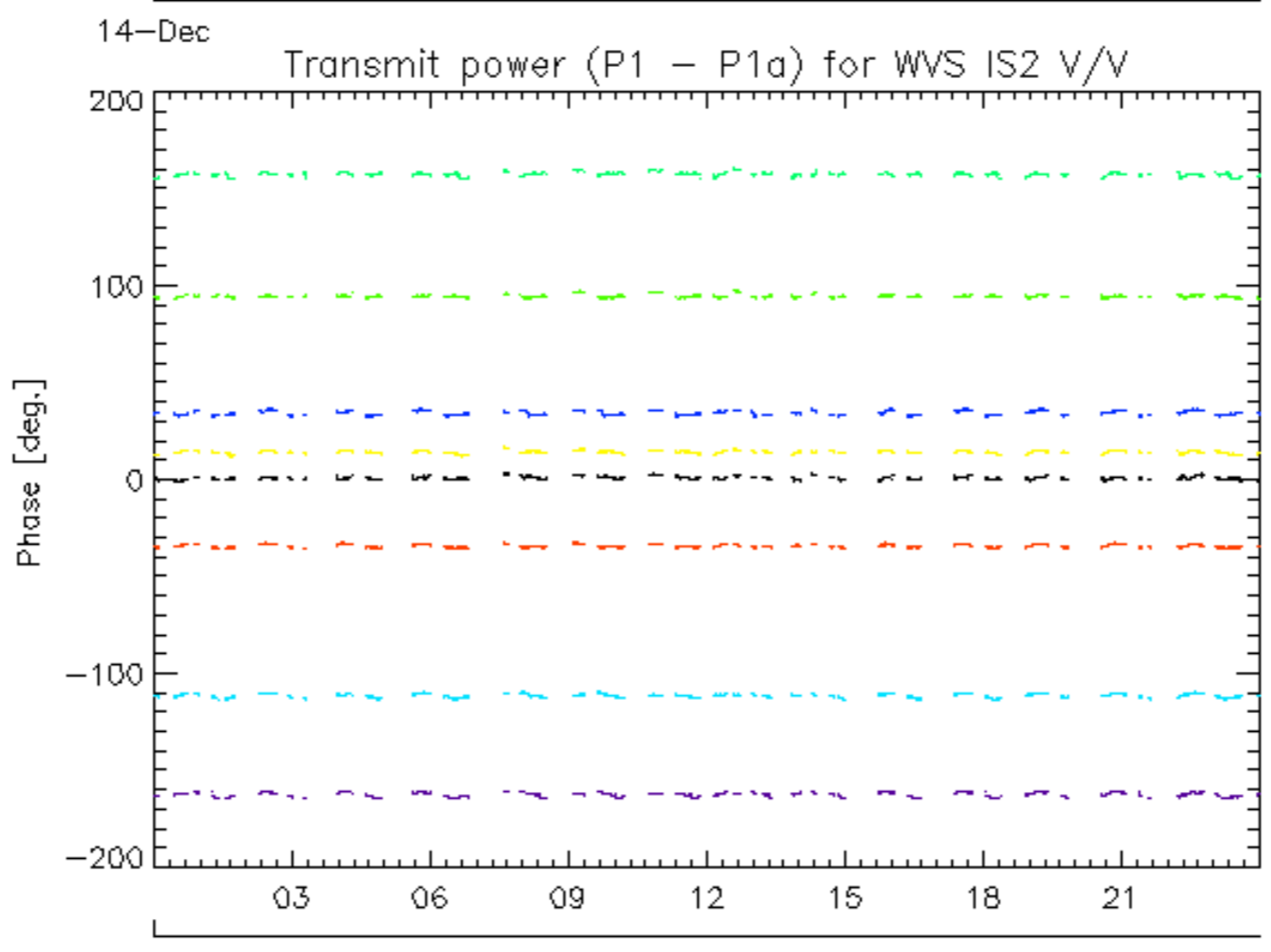
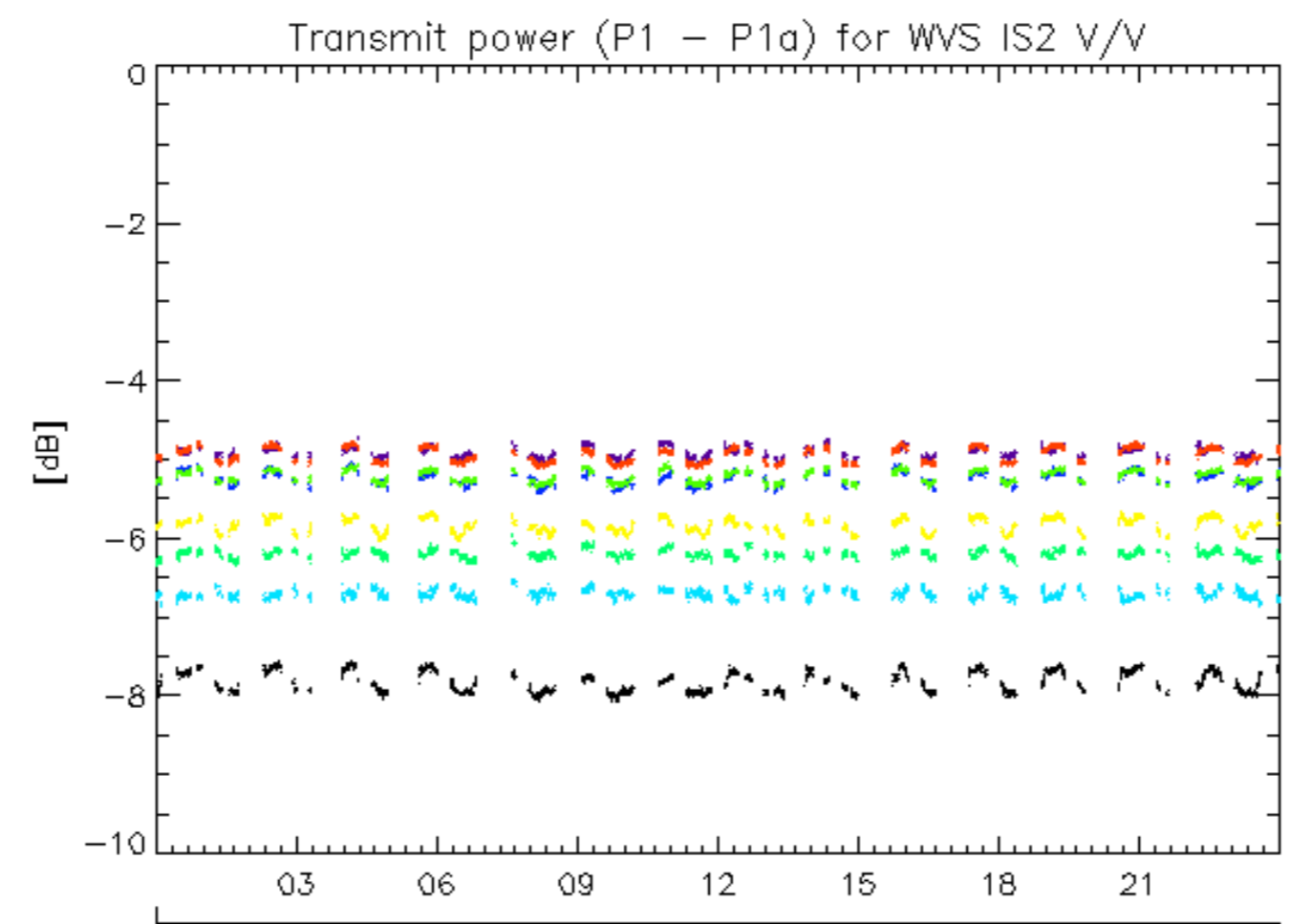
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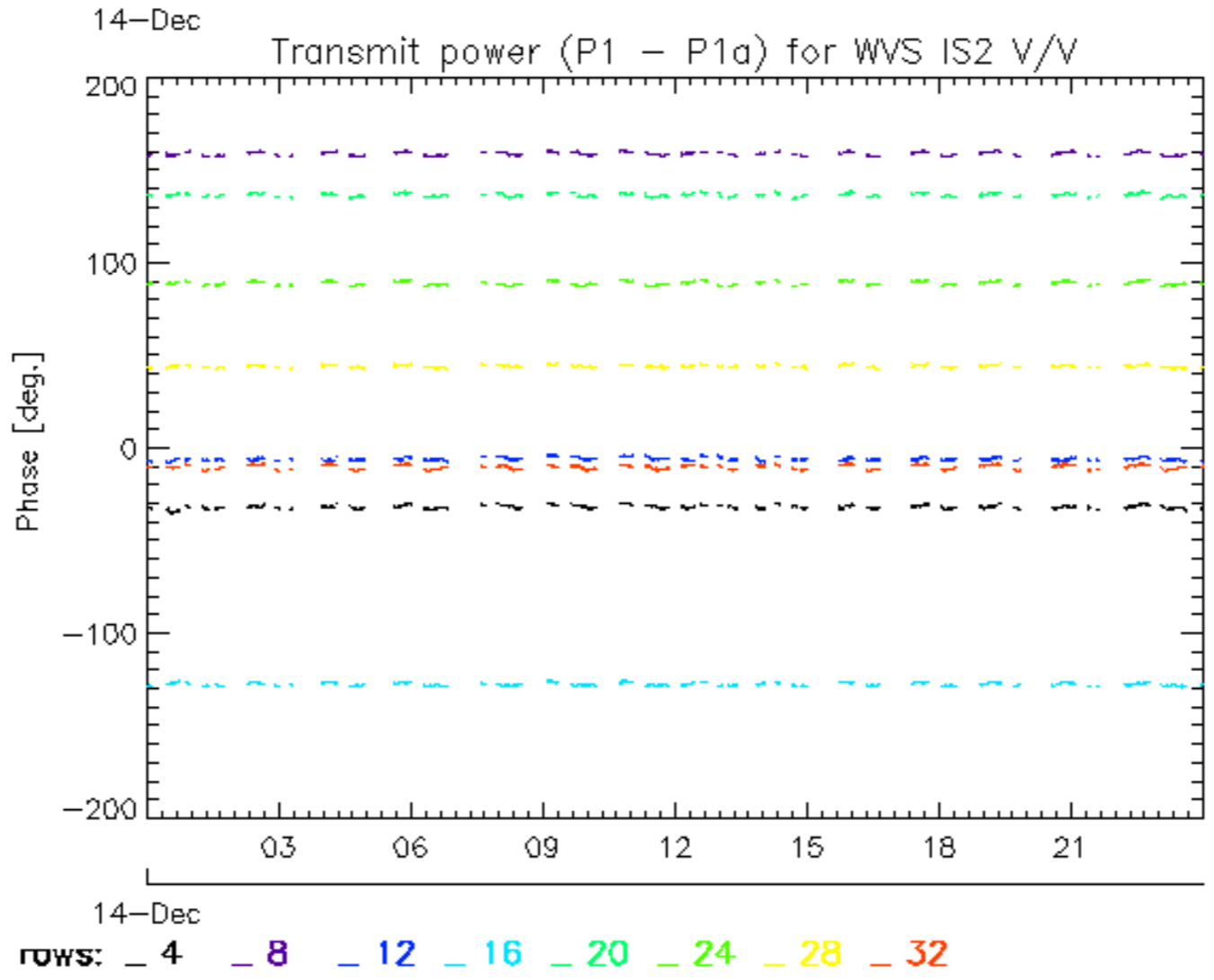
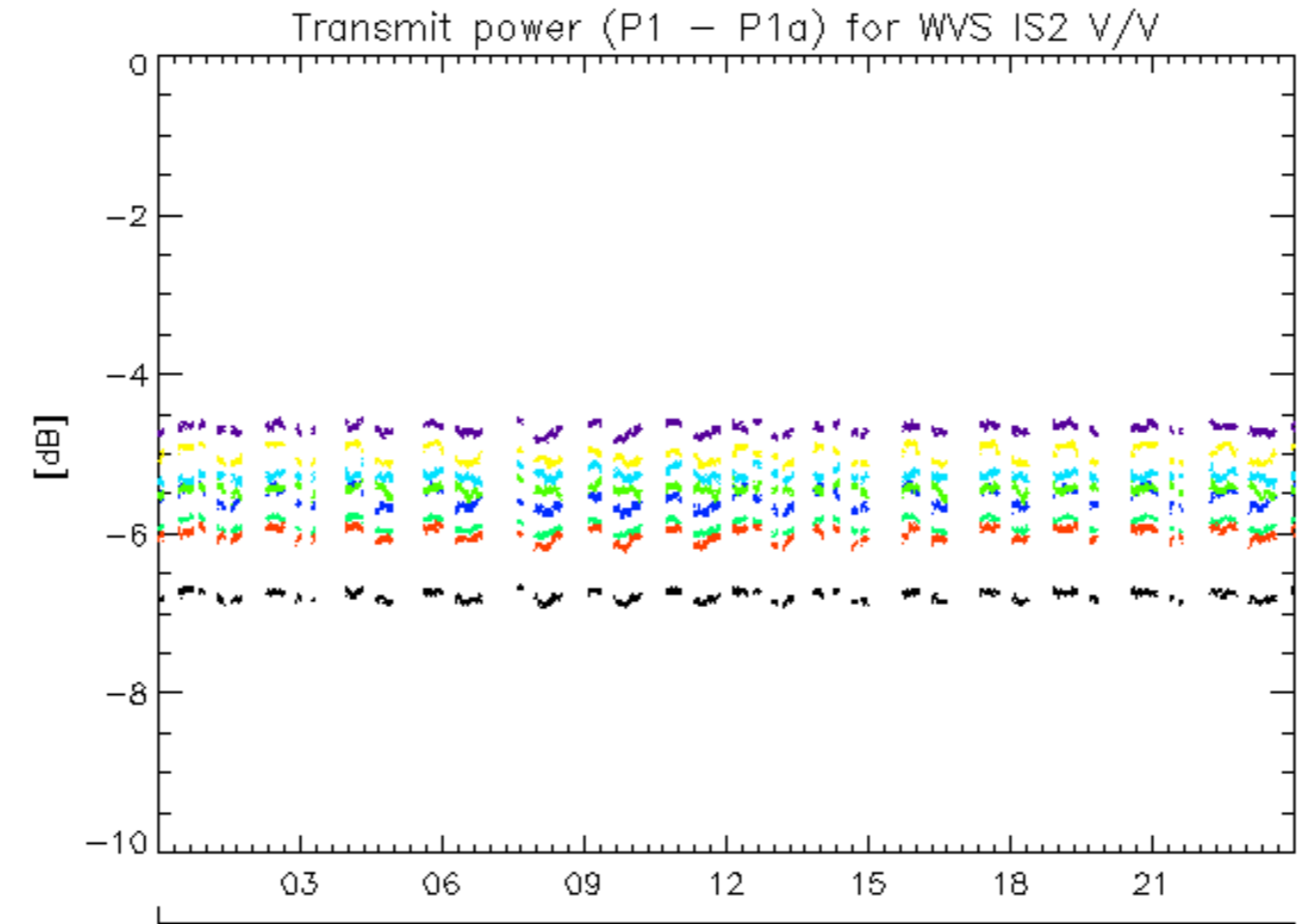
14-Dec

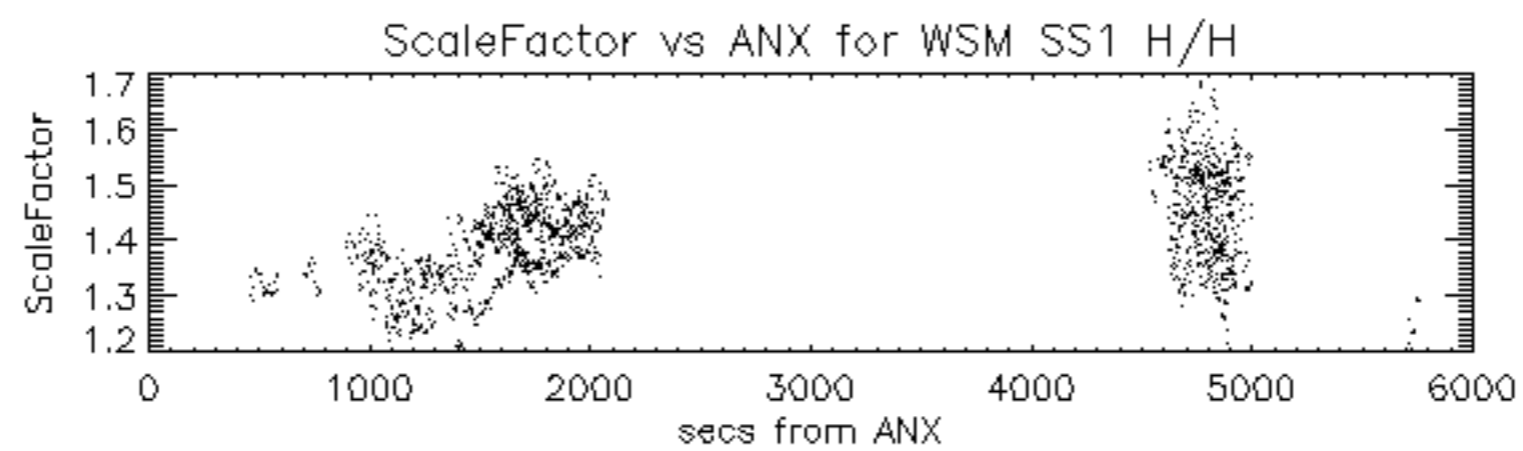
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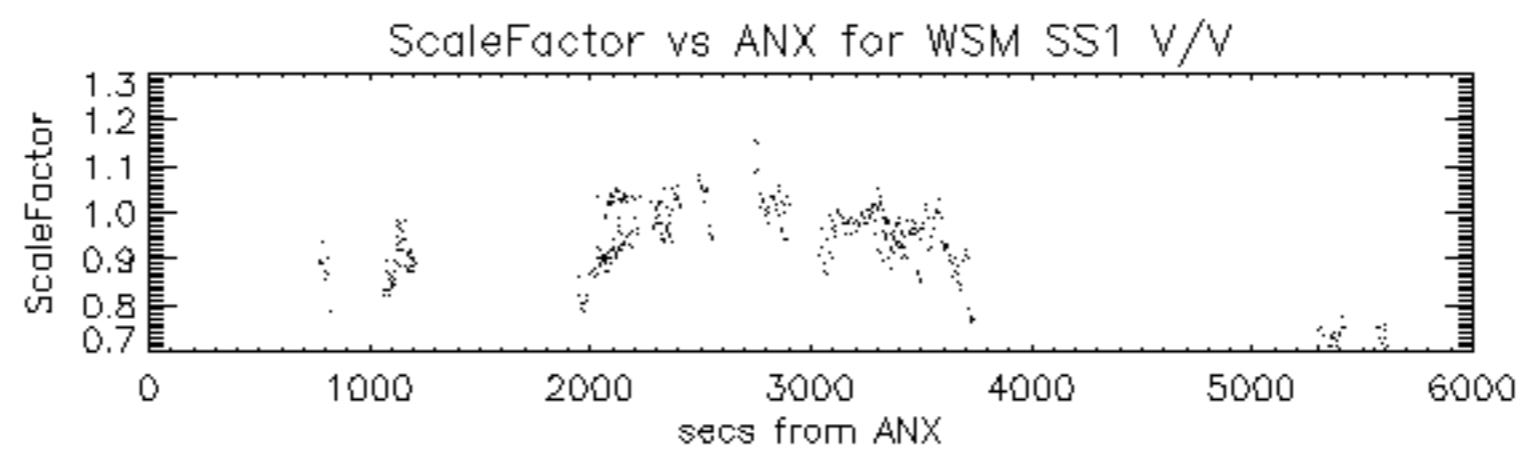


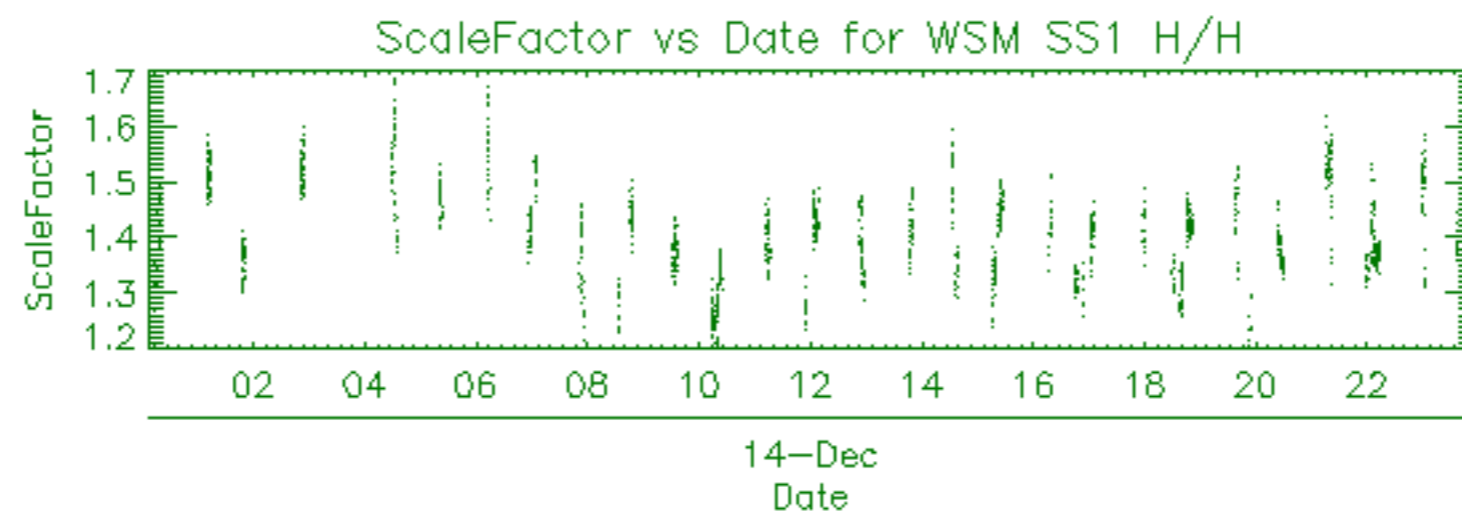
14-Dec  
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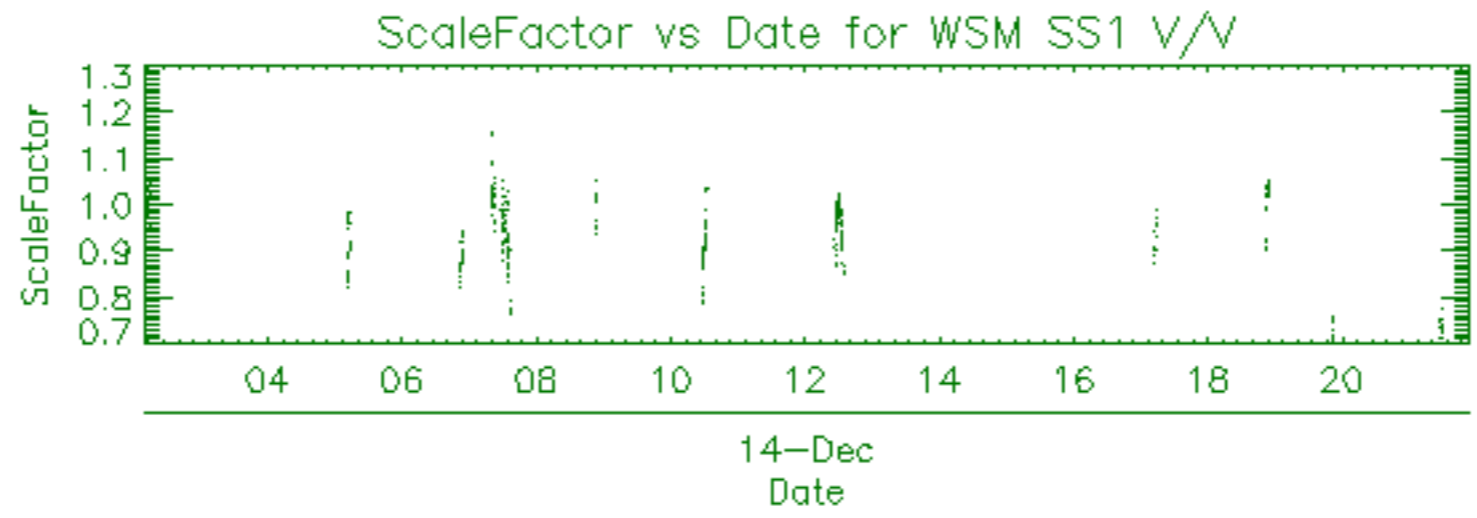












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20091214_031918_000000432085_00090_40725_9067.N1						IS2	V/H	85	40725	90	5.03
ASA_APM_1PNPDE20091214_072424_000002012085_00092_40727_9116.N1						IS4	V/H	85	40727	92	5.03
ASA_APM_1PNPDE20091214_090244_000001132085_00093_40728_9130.N1						IS4	V/V	85	40728	93	5.03
ASA_APM_1PNPDE20091214_154033_000000402085_00097_40732_9177.N1						IS1	H/H	85	40732	97	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion						
ASA_GM1_1PNPDE20091214_001542_000000902085_00088_40723_8990.N1						SS1	H/H	85	40723	88	5.03	
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ASA_GM1_1PNPDE20091214_005854_000006282085_00088_40723_8997.N1						SS1	H/H	85	40723	88	5.03	
ASA_GM1_1PNPDE20091214_012622_000004222085_00088_40723_9042.N1						SS1	H/H	85	40723	88	5.03	
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ASA_GM1_1PNPDE20091214_023930_000006282085_00089_40724_9069.N1						SS1	H/H	85	40724	89	5.03	
ASA_GM1_1PNPDE20091214_030047_000001202085_00089_40724_9078.N1						SS1	H/H	85	40724	89	5.03	
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ASA_GM1_1PNPDE20091214_033402_000010092085_00090_40725_9072.N1						SS1	H/H	85	40725	90	5.03	
ASA_GM1_1PNPDE20091214_042005_000005432085_00090_40725_9091.N1						SS1	H/H	85	40725	90	5.03	
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ASA_GM1_1PNPDK20091214_183517_000001632085_00099_40734_0307.N1	SS1	H/H	85	40734	99	5.03
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ASA_GM1_1PNPDE20091214_234412_000003322085_00102_40737_9221.N1	SS1	H/H	85	40737	102	5.03
ASA_GM1_1PNPDE20091214_235408_000000962085_00102_40737_9223.N1	SS1	H/H	85	40737	102	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20091214_053107_000001622085_00091_40726_9088.N1						IS2	V/V	85	40726	91	5.03
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ASA_IMM_1PNPDE20091214_054921_000000372085_00091_40726_9110.N1						IS3	V/V	85	40726	91	5.03
ASA_IMM_1PNPDE20091214_072313_000000682085_00092_40727_9114.N1						IS2	V/V	85	40727	92	5.03
ASA_IMM_1PNPDK20091214_102505_000000922085_00094_40729_0203.N1						IS2	V/V	85	40729	94	5.03
ASA_IMM_1PNPDK20091214_132537_000001172085_00096_40731_0243.N1						IS2	V/V	85	40731	96	5.03
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ASA_IMM_1PNPDE20091214_233752_000002782085_00102_40737_9236.N1						IS6	H/H	85	40737	102	5.03
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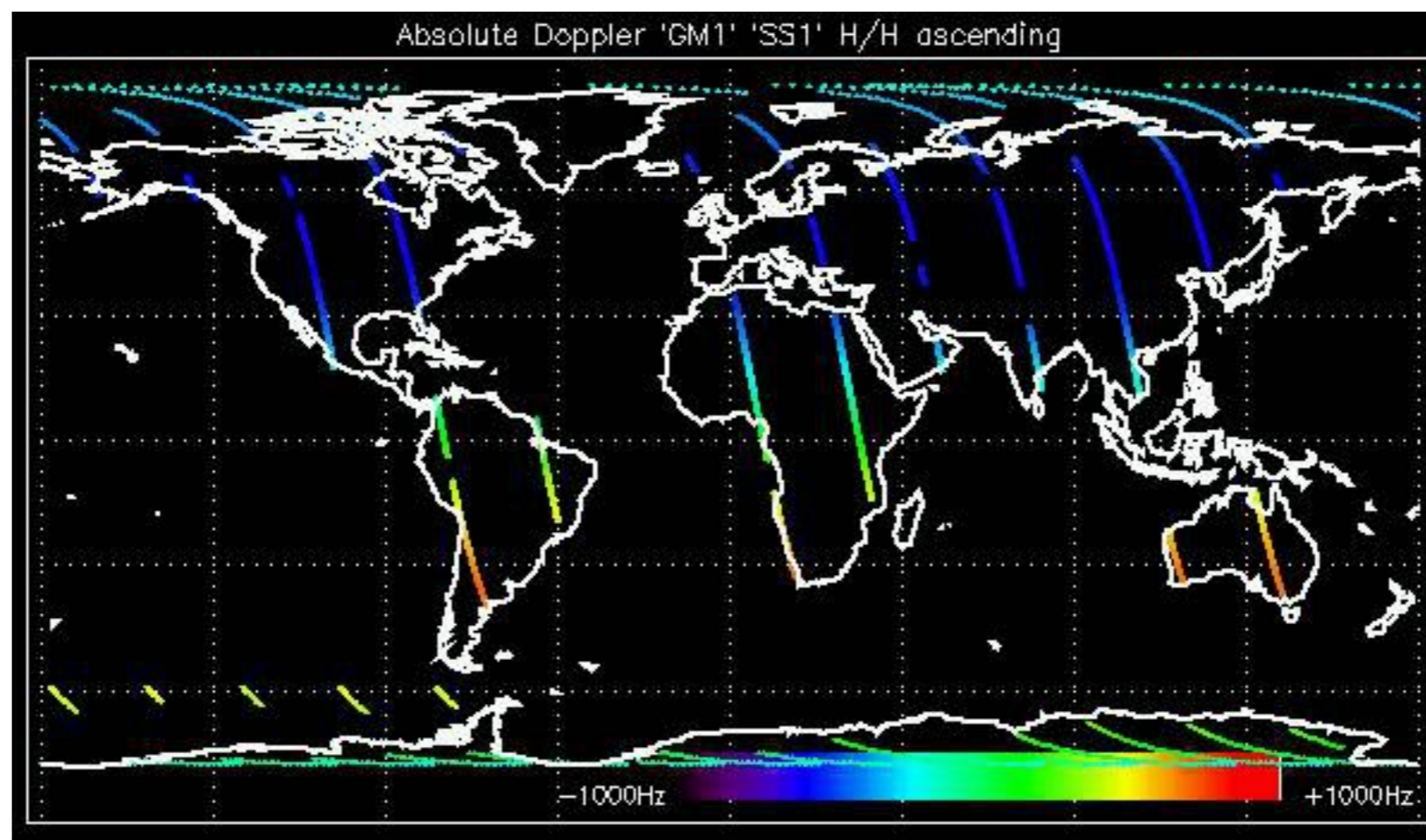
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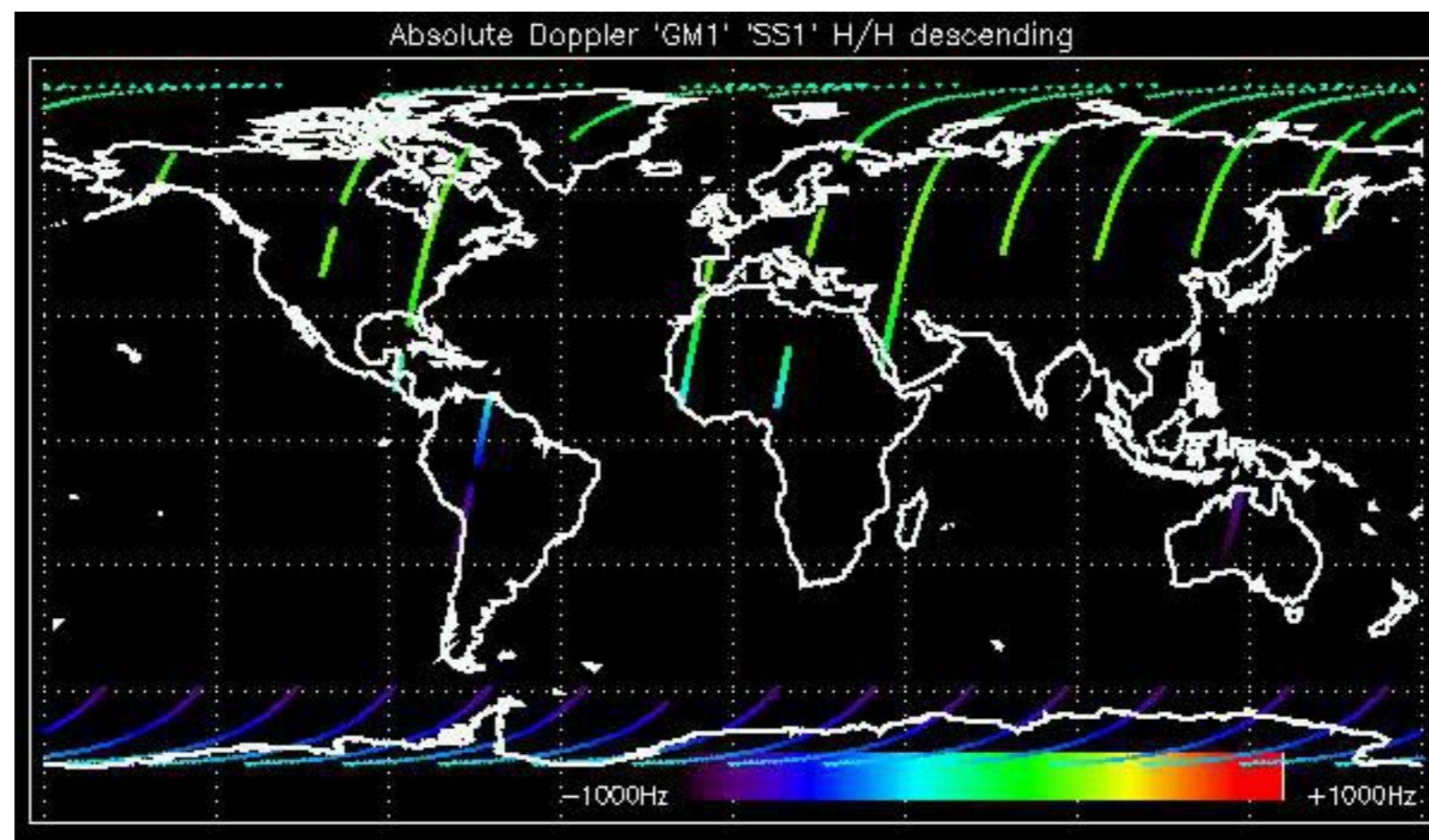


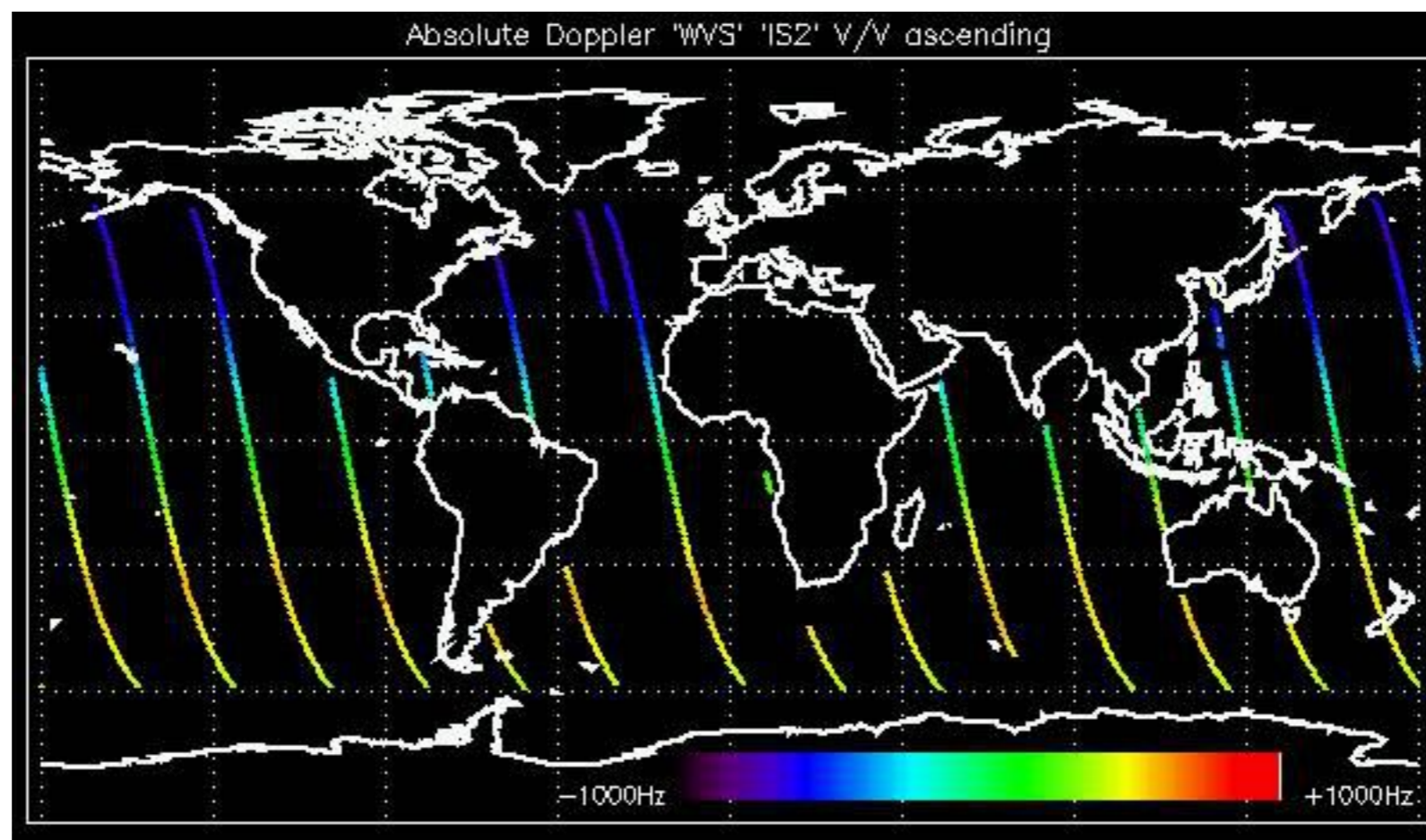


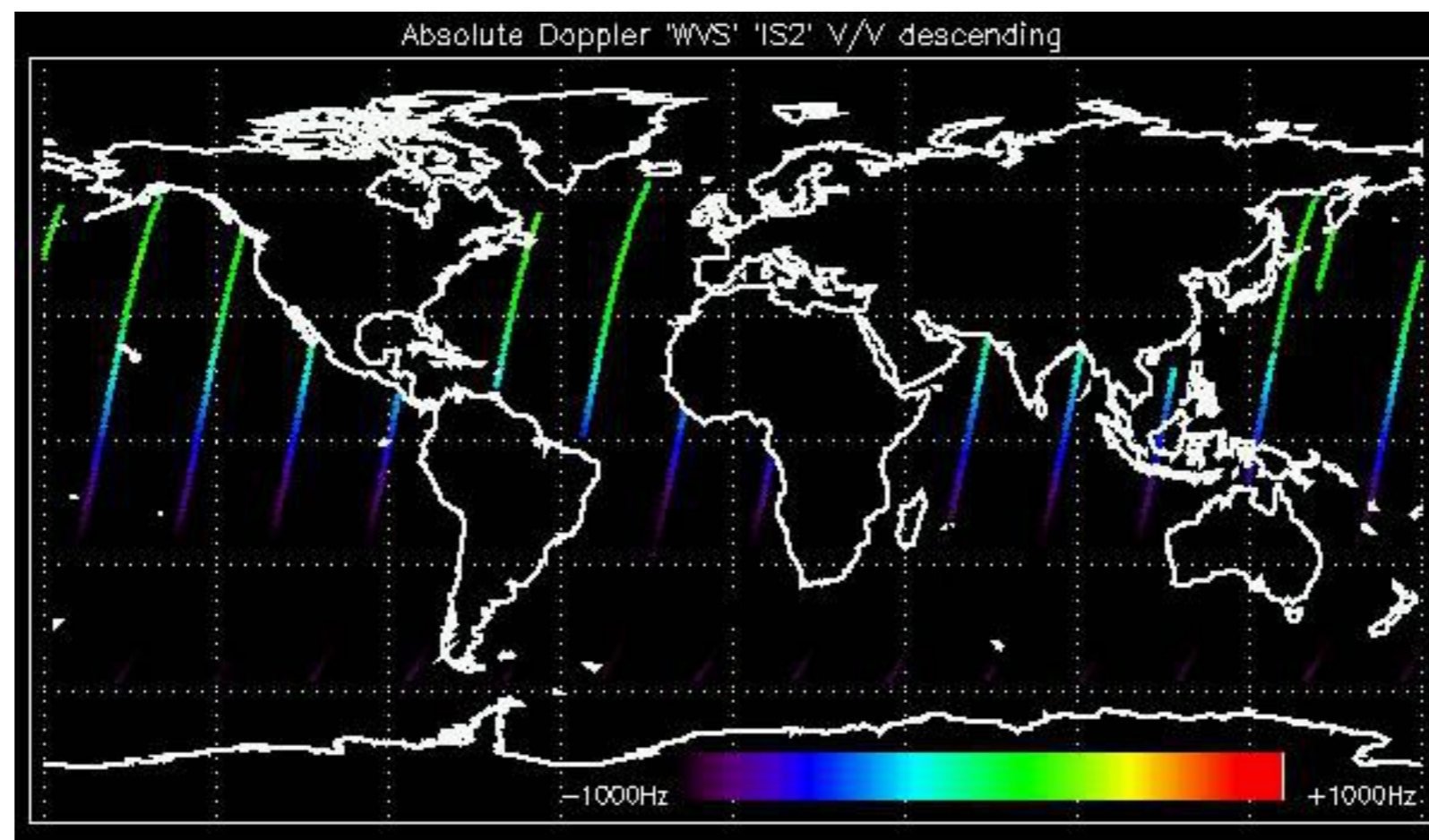
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ASA_WSM_1PNPDE20091214_001352_000001042085_00088_40723_9005.N1						SS1	H/H	85	40723	88	5.03
ASA_WSM_1PNPDE20091214_001723_000001652085_00088_40723_9010.N1						SS1	H/H	85	40723	88	5.03
ASA_WSM_1PNPDE20091214_010934_000003362085_00088_40723_9007.N1						SS1	H/H	85	40723	88	5.03
ASA_WSM_1PNPDE20091214_014702_000002452085_00089_40724_9060.N1						SS1	H/H	85	40724	89	5.03
ASA_WSM_1PNPDE20091214_021007_000001472085_00089_40724_9062.N1						SS1	V/V	85	40724	89	5.03
ASA_WSM_1PNPDE20091214_021337_000000862085_00089_40724_9063.N1						SS1	V/V	85	40724	89	5.03
ASA_WSM_1PNPDE20091214_025006_000002942085_00089_40724_9065.N1						SS1	H/H	85	40724	89	5.03
ASA_WSM_1PNPDE20091214_042917_000002322085_00090_40725_9105.N1						SS1	H/H	85	40725	90	5.03
ASA_WSM_1PNPDE20091214_043319_000000672085_00090_40725_9108.N1						SS1	H/H	85	40725	90	5.03
ASA_WSM_1PNPDE20091214_051105_000001472085_00091_40726_9107.N1						SS1	V/V	85	40726	91	5.03
ASA_WSM_1PNPDE20091214_052010_000001712085_00091_40726_9087.N1						SS1	H/H	85	40726	91	5.03
ASA_WSM_1PNPDK20091214_061147_000001652085_00091_40726_0163.N1						SS1	H/H	85	40726	91	5.03
ASA_WSM_1PNPDK20091214_065151_000001532085_00092_40727_0164.N1						SS1	V/V	85	40727	92	5.03
ASA_WSM_1PNPDK20091214_065630_000002022085_00092_40727_0165.N1						SS1	H/H	85	40727	92	5.03
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ASA_WSM_1PNPDE20091214_072825_000001712085_00092_40727_9115.N1						SS1	V/V	85	40727	92	5.03
ASA_WSM_1PNPDE20091214_073202_000002692085_00092_40727_9117.N1						SS1	V/V	85	40727	92	5.03
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ASA_WSM_1PNPDE20091214_101822_000000982085_00094_40729_9144.N1						SS1	H/H	85	40729	94	5.03
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ASA_WSM_1PNPDK20091214_120229_000003672085_00095_40730_0224.N1						SS1	H/H	85	40730	95	5.03
ASA_WSM_1PNPDE20091214_122626_000004772085_00095_40730_9170.N1						SS1	V/V	85	40730	95	5.03
ASA_WSM_1PNPDK20091214_125246_000003302085_00095_40730_0238.N1						SS1	H/H	85	40730	95	5.03
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ASA_WSM_1PNPDE20091214_134846_000001472085_00096_40731_9172.N1						SS1	H/H	85	40731	96	5.03
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ASA_WSM_1PNPDE20091214_215209_000000672085_00101_40736_9205.N1						SS1	V/V	85	40736	101	5.03
ASA_WSM_1PNPDK20091214_215841_000001282085_00101_40736_0322.N1						SS1	H/H	85	40736	101	5.03
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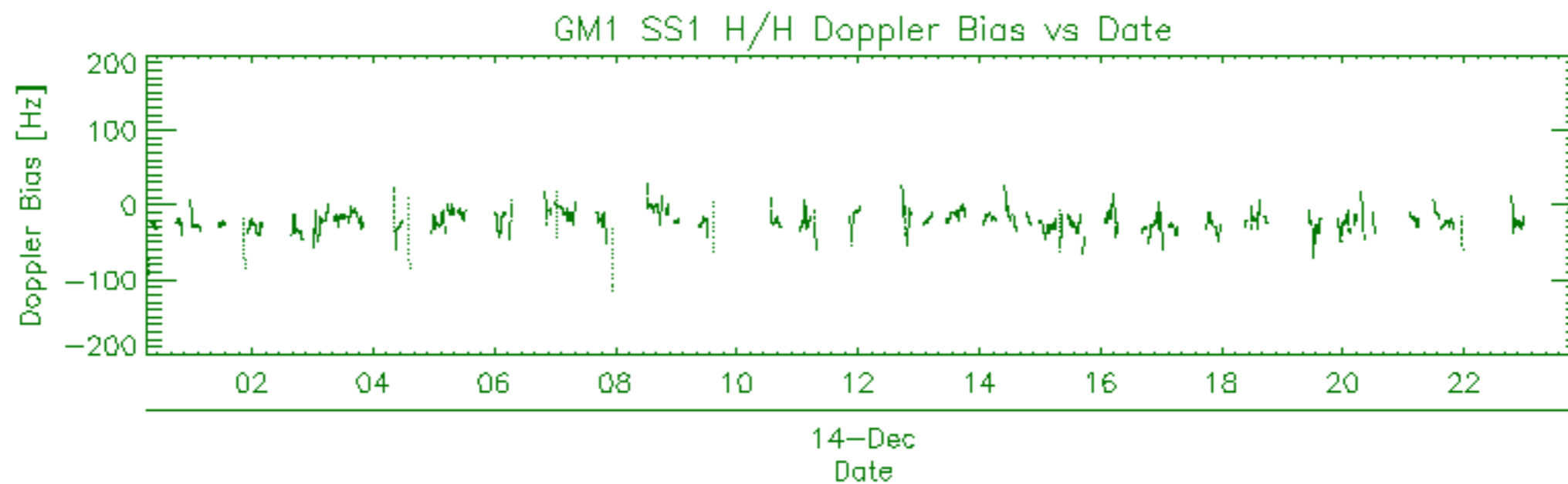
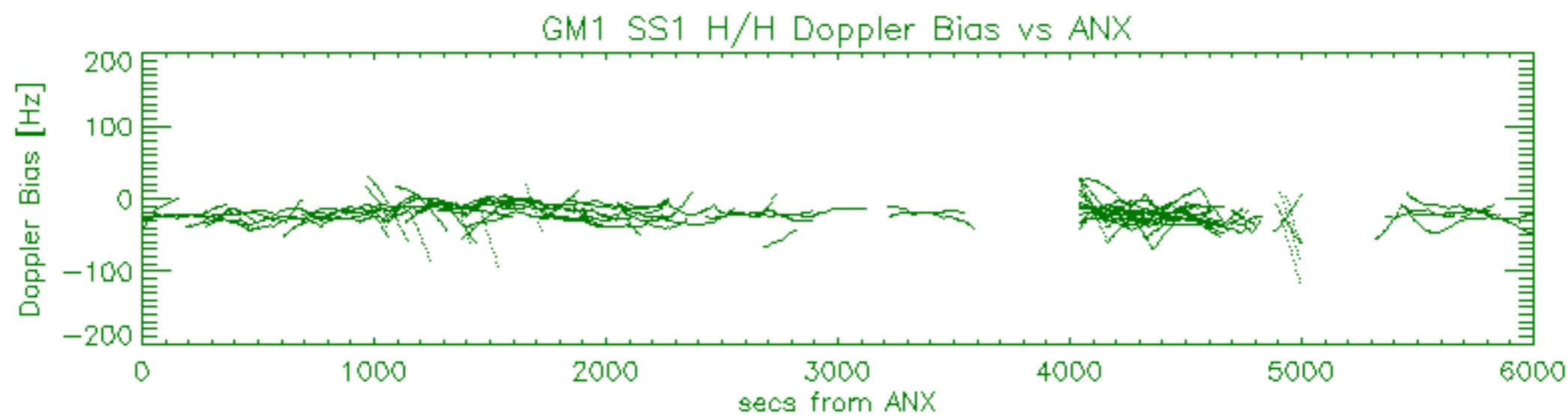
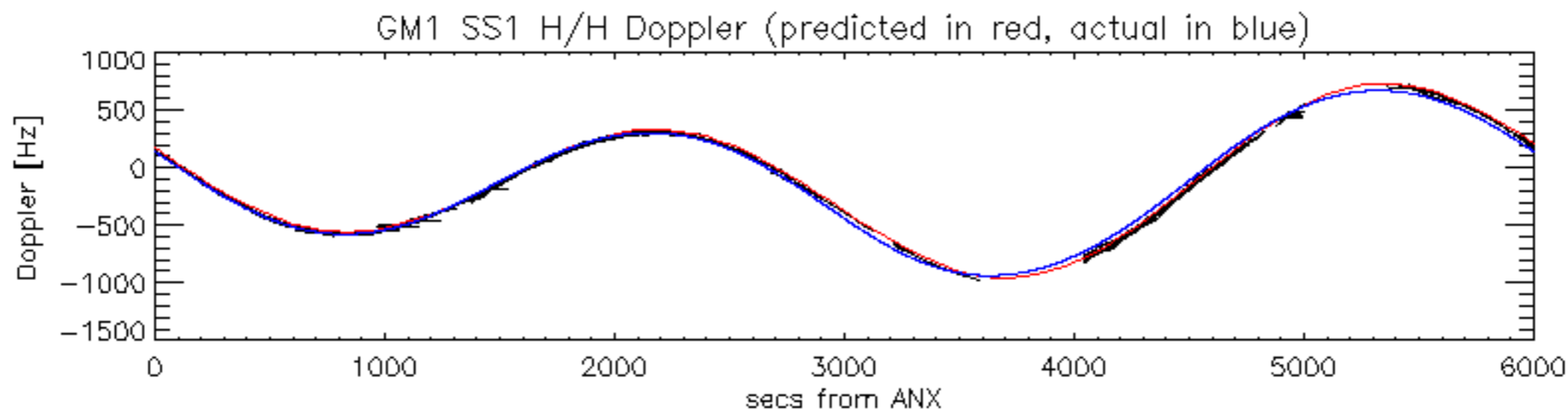
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ASA_WVS_1PNPDE20091214_005125_000004052085_00088_40723_8995.N1						IS2	V/V	85	40723	88	5.03
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ASA_WVS_1PNPDE20091214_011842_000002702085_00088_40723_9043.N1						IS2	V/V	85	40723	88	5.03
ASA_WVS_1PNPDE20091214_013327_000007192085_00089_40724_9045.N1						IS2	V/V	85	40724	89	5.03
ASA_WVS_1PNPDE20091214_021735_000011392085_00089_40724_9046.N1						IS2	V/V	85	40724	89	5.03
ASA_WVS_1PNPDE20091214_023605_000001652085_00089_40724_9068.N1						IS2	V/V	85	40724	89	5.03
ASA_WVS_1PNPDE20091214_021735_000011392085_00089_40724_9046.N1						IS1	V/V	85	40724	89	5.03
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ASA_WVS_1PNPDE20091214_055004_000002852085_00091_40726_9100.N1						IS1	V/V	85	40726	91	5.03
ASA_WVS_1PNPDK20091214_061646_000019492085_00091_40726_0156.N1						IS2	V/V	85	40726	91	5.03
ASA_WVS_1PNPDK20091214_061646_000019492085_00091_40726_0154.N1						IS2	V/V	85	40726	91	5.03
ASA_WVS_1PNPDK20091214_073630_000002402085_00092_40727_0170.N1						IS2	V/V	85	40727	92	5.03
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ASA_WVS_1PNPDK20091214_093758_000019942085_00093_40728_0195.N1						IS2	V/V	85	40728	93	5.03
ASA_WVS_1PNPDK20091214_104326_000010942085_00094_40729_0213.N1						IS2	V/V	85	40729	94	5.03
ASA_WVS_1PNPDK20091214_111834_000019642085_00094_40729_0217.N1						IS2	V/V	85	40729	94	5.03
ASA_WVS_1PNPDK20091214_120837_000010192085_00095_40730_0227.N1						IS2	V/V	85	40730	95	5.03
ASA_WVS_1PNPDK20091214_123450_000004502085_00095_40730_0228.N1						IS2	V/V	85	40730	95	5.03
ASA_WVS_1PNPDK20091214_125901_000003152085_00095_40730_0231.N1						IS2	V/V	85	40730	95	5.03
ASA_WVS_1PNPDK20091214_131252_000005092085_00095_40730_0230.N1						IS2	V/V	85	40730	95	5.03
ASA_WVS_1PNPDK20091214_132226_000001492085_00096_40731_0233.N1						IS2	V/V	85	40731	96	5.03
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ASA_WVS_1PNPDK20091214_143937_000003902085_00096_40731_0252.N1						IS2	V/V	85	40731	96	5.03
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ASA_WVS_1PNPDK20091214_172044_000014092085_00098_40733_0291.N1						IS2	V/V	85	40733	98	5.03
ASA_WVS_1PNPDK20091214_180315_000011092085_00098_40733_0296.N1						IS2	V/V	85	40733	98	5.03
ASA_WVS_1PNPDK20091214_185434_000018142085_00099_40734_0309.N1						IS2	V/V	85	40734	99	5.03
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ASA_WVS_1PNPDE20091214_203231_000019642085_00100_40735_9194.N1						IS2	V/V	85	40735	100	5.03
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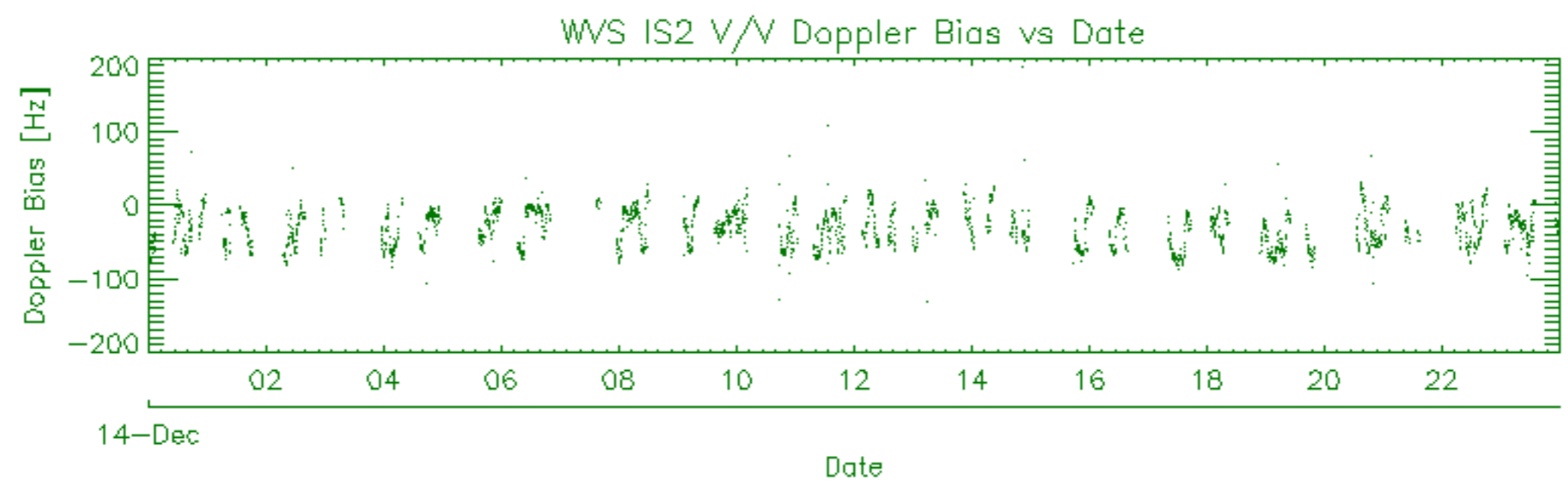
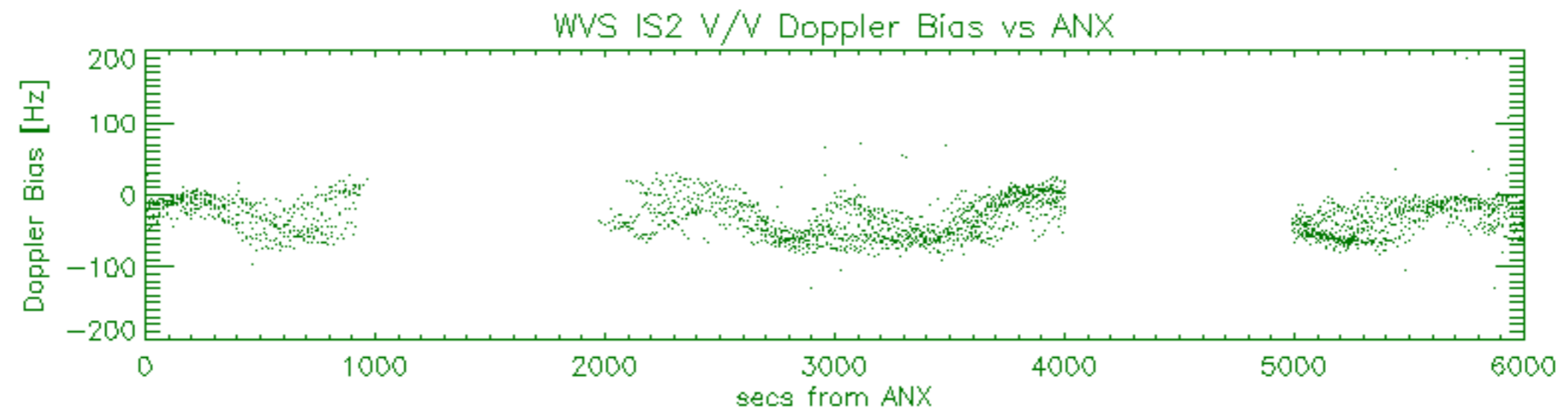
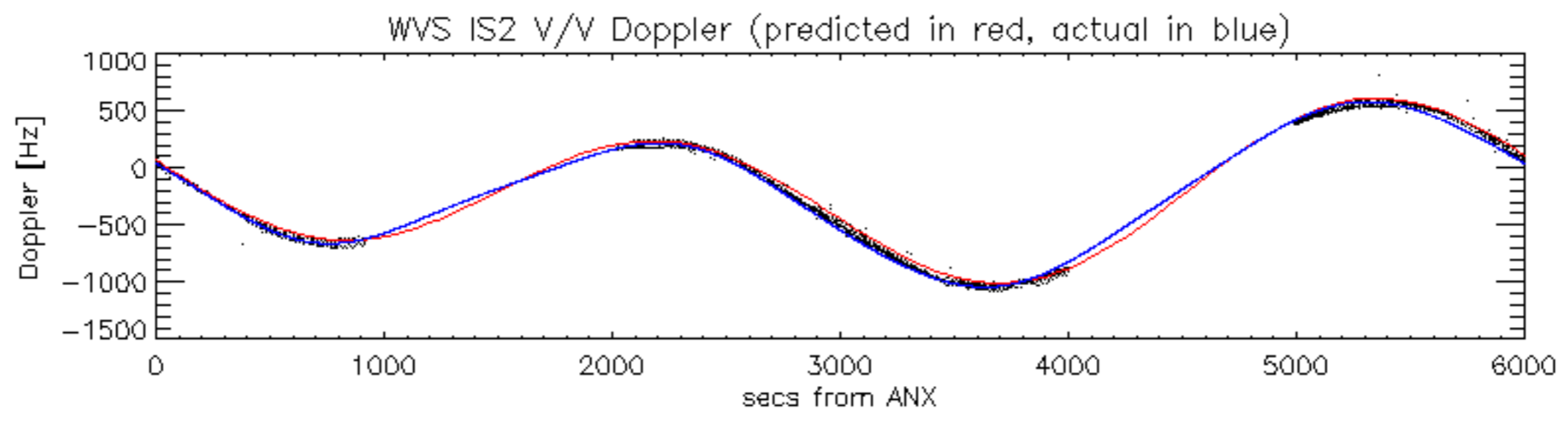




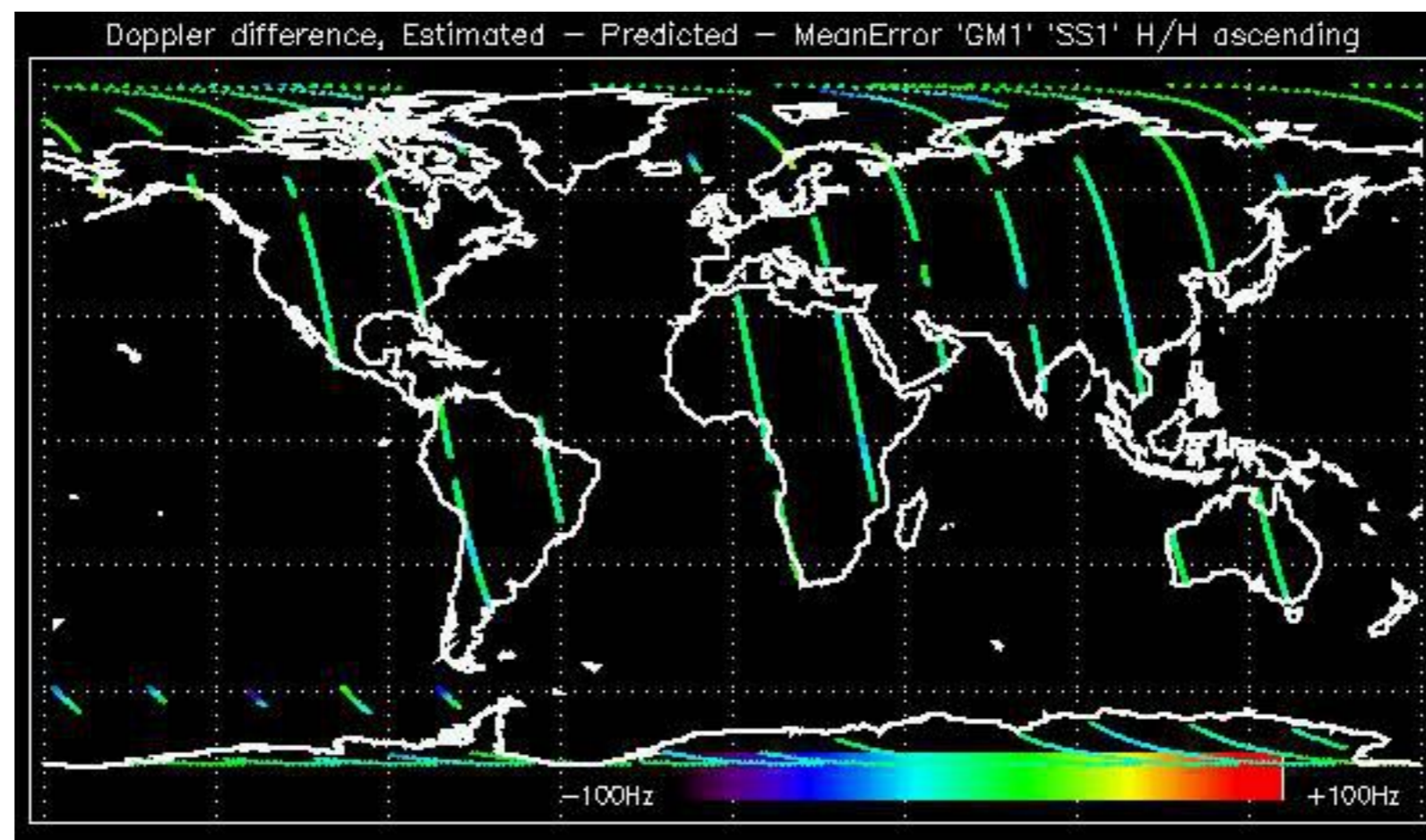


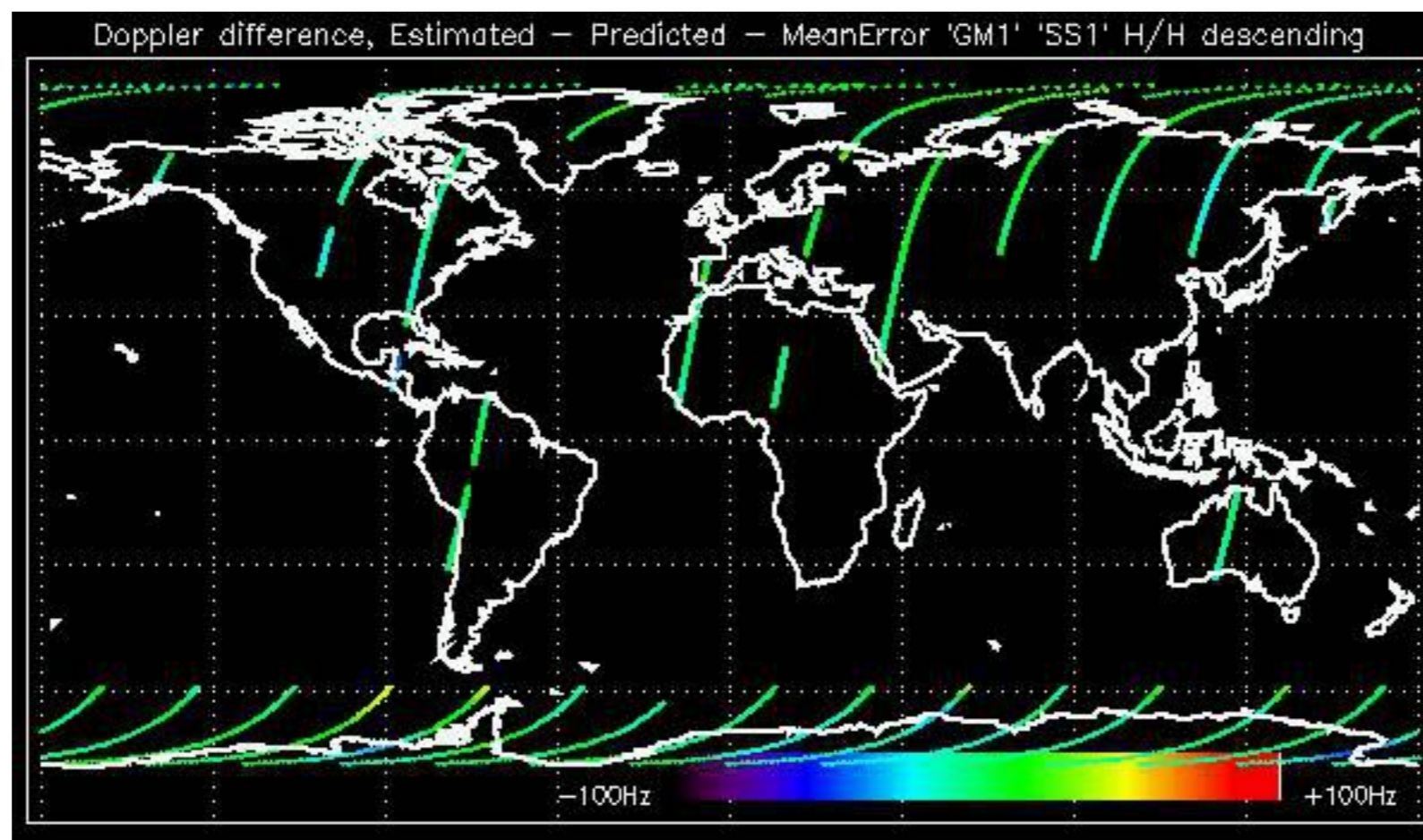


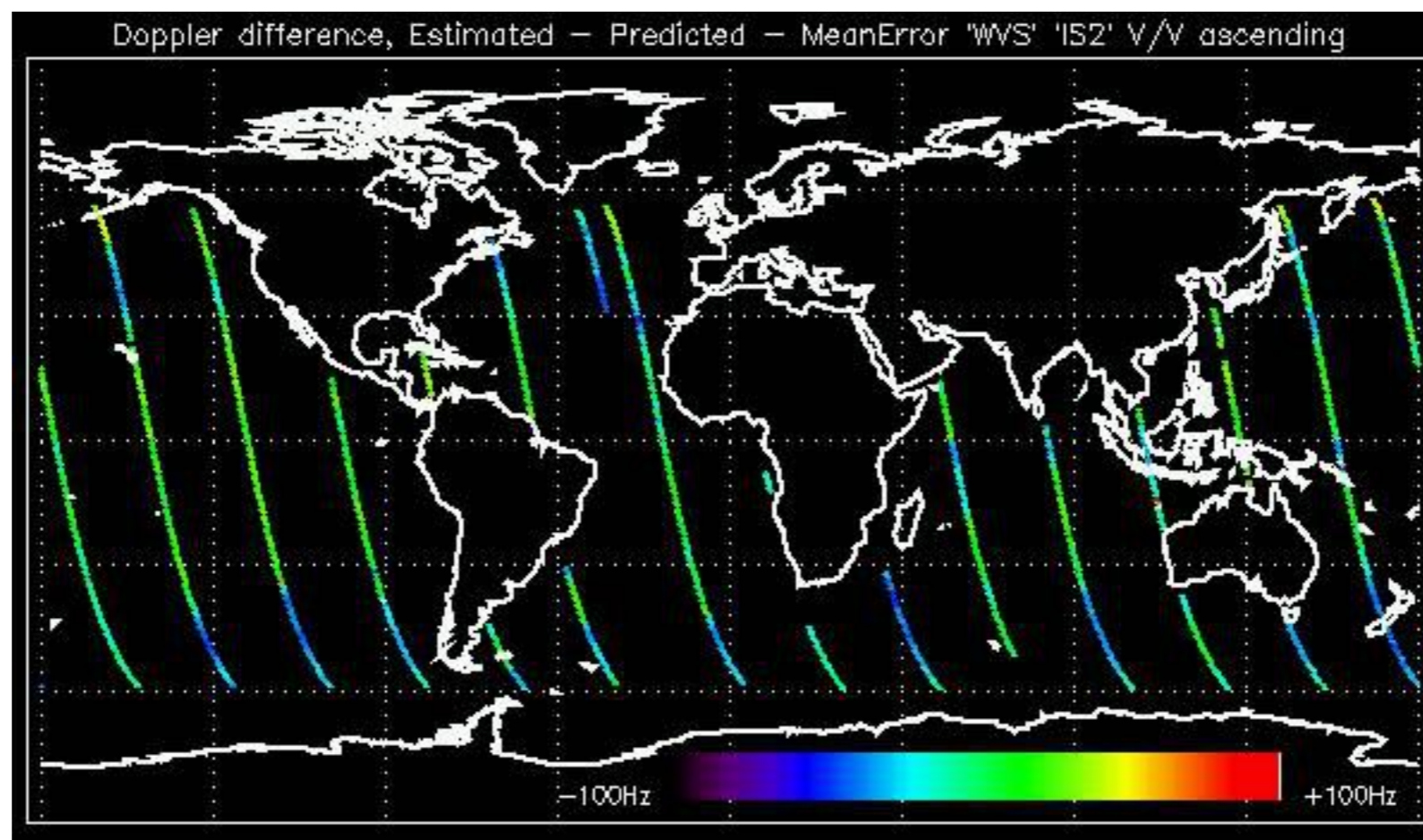


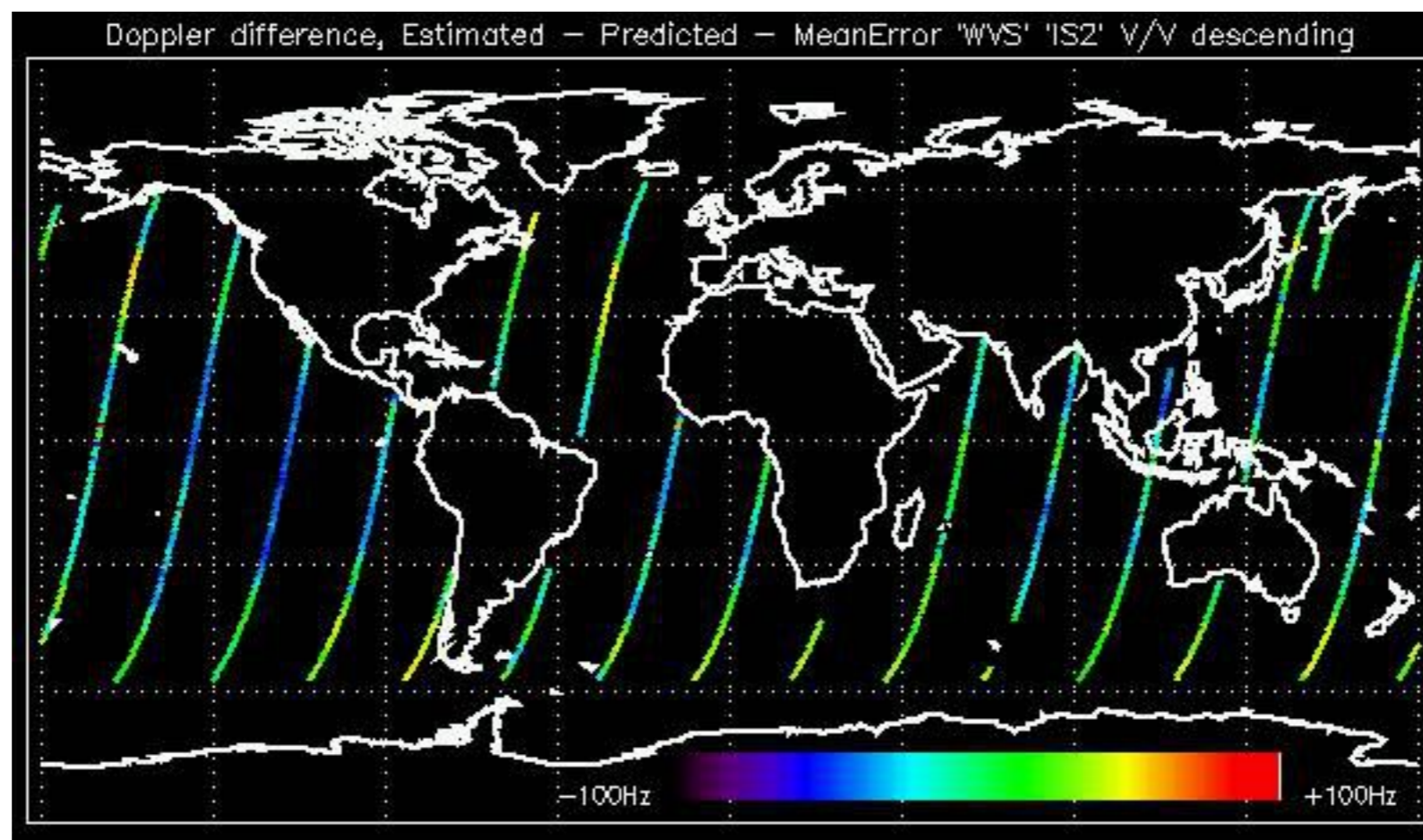


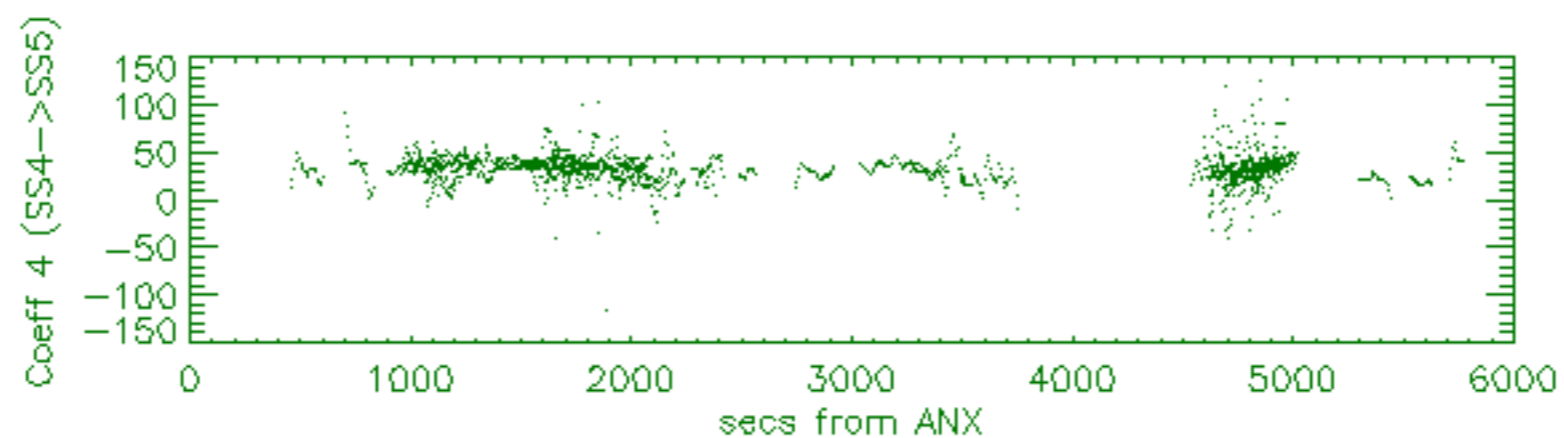
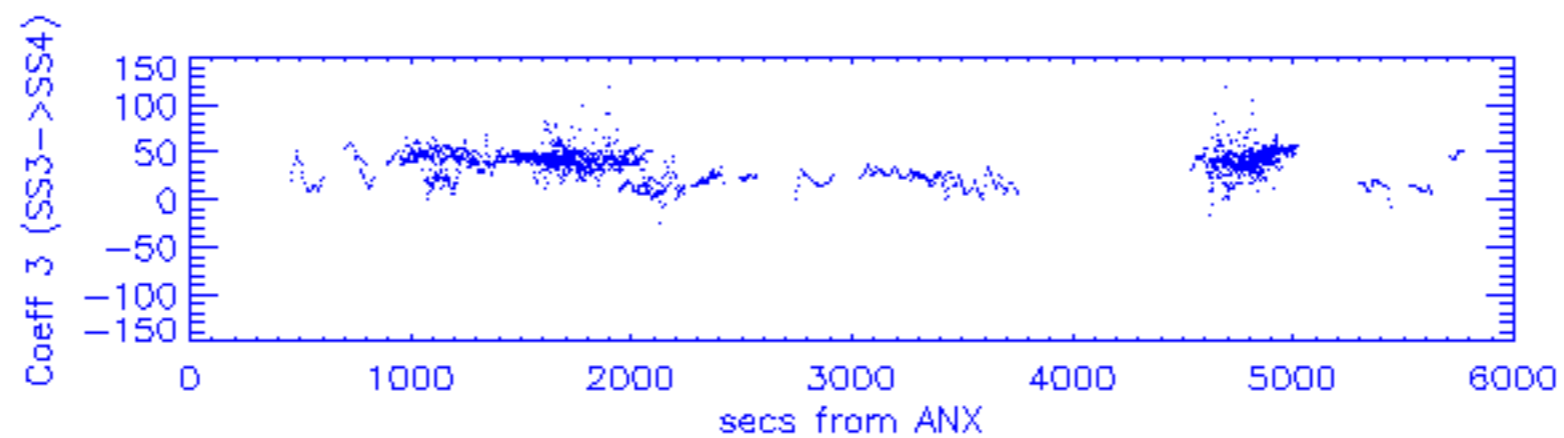
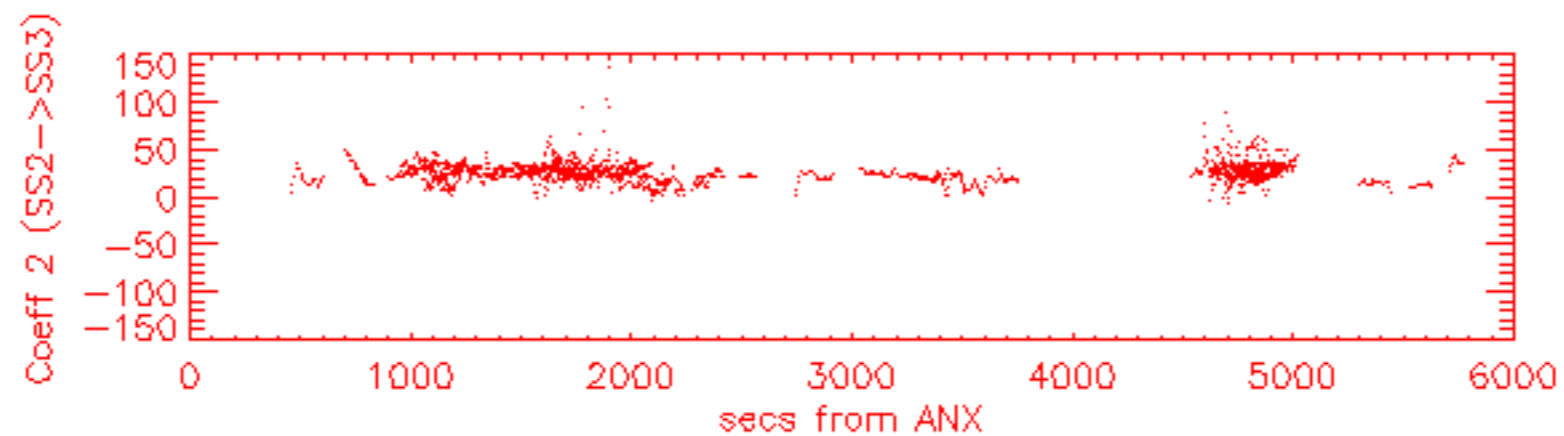
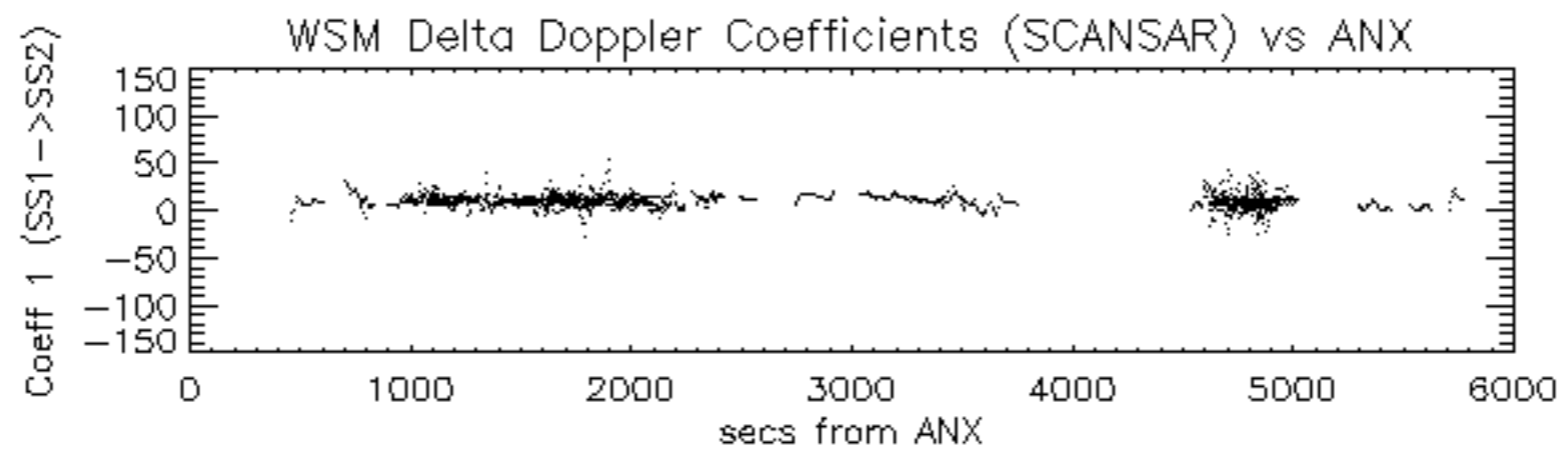


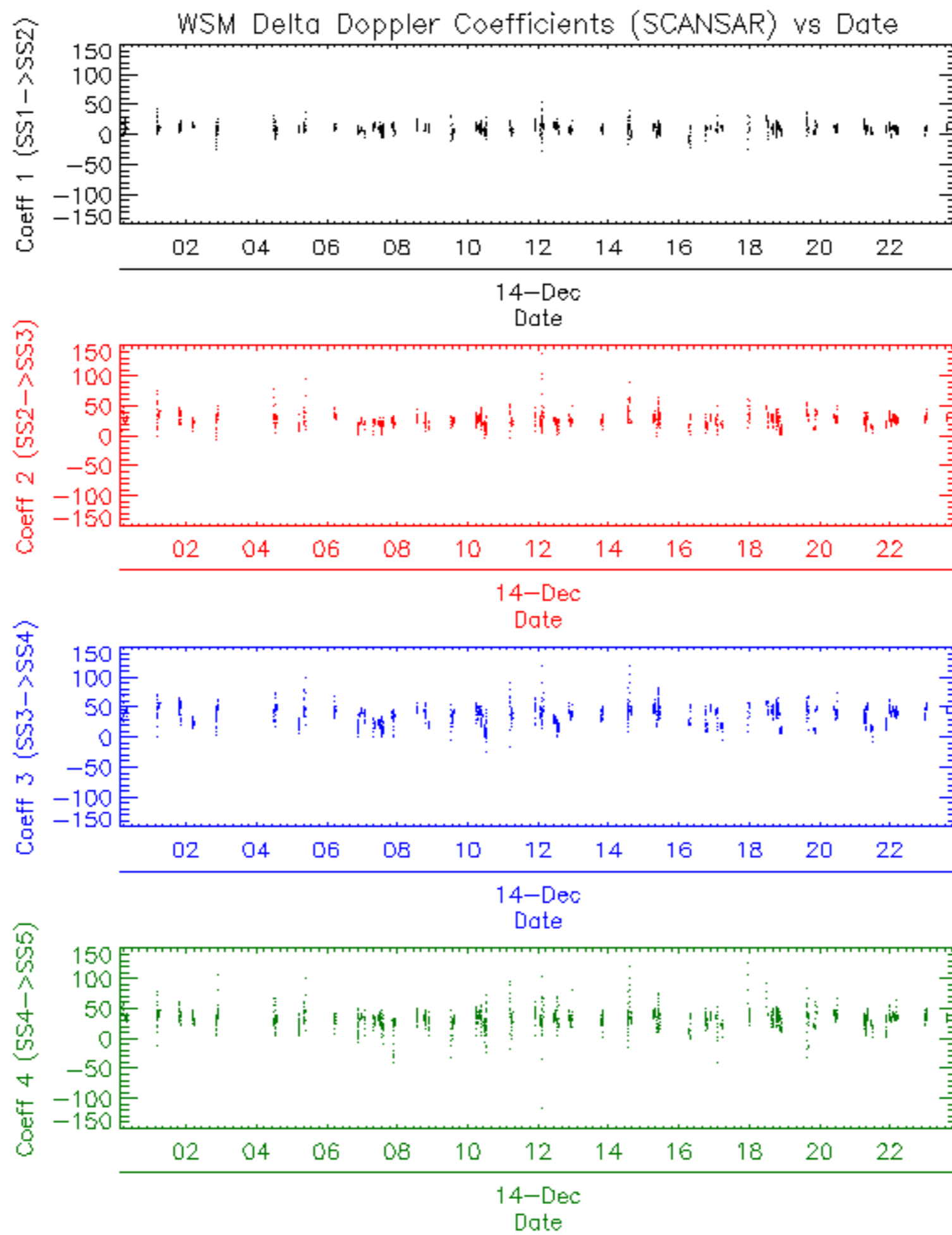




















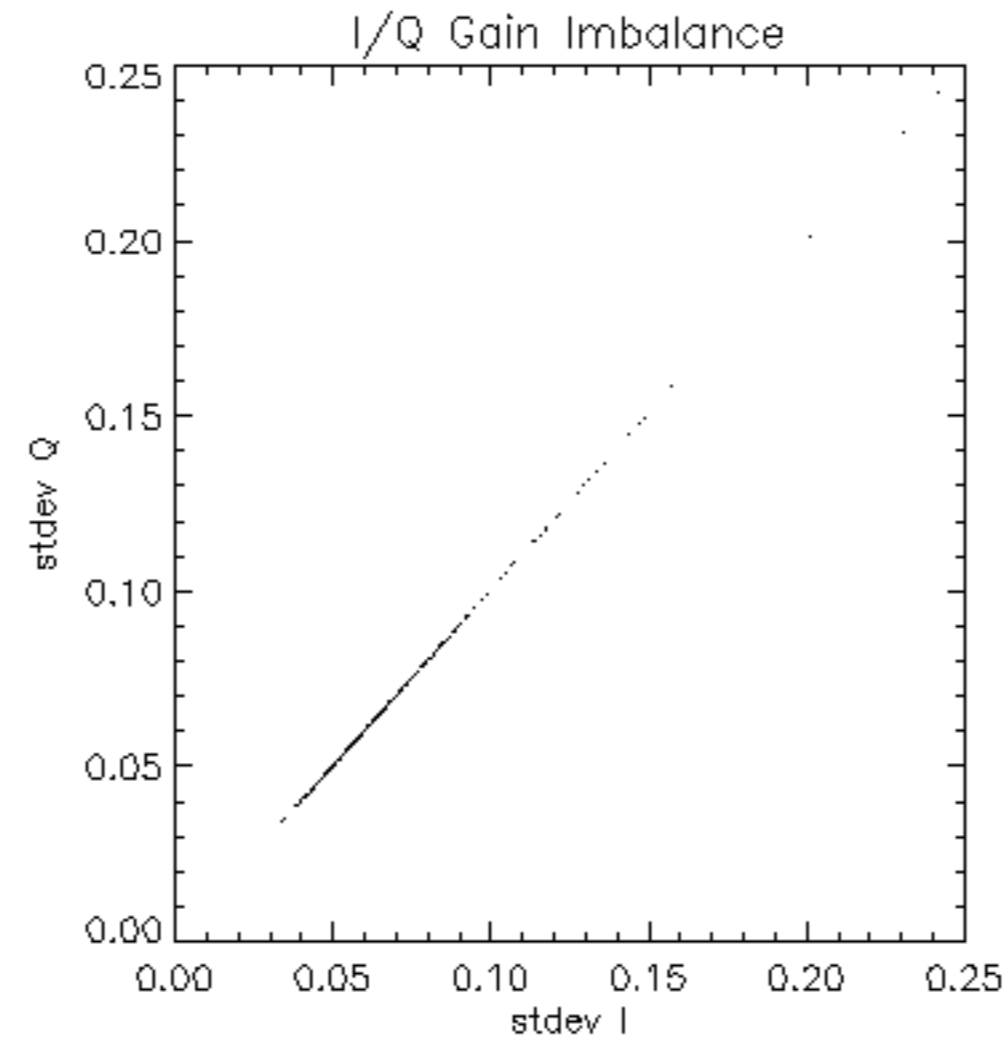


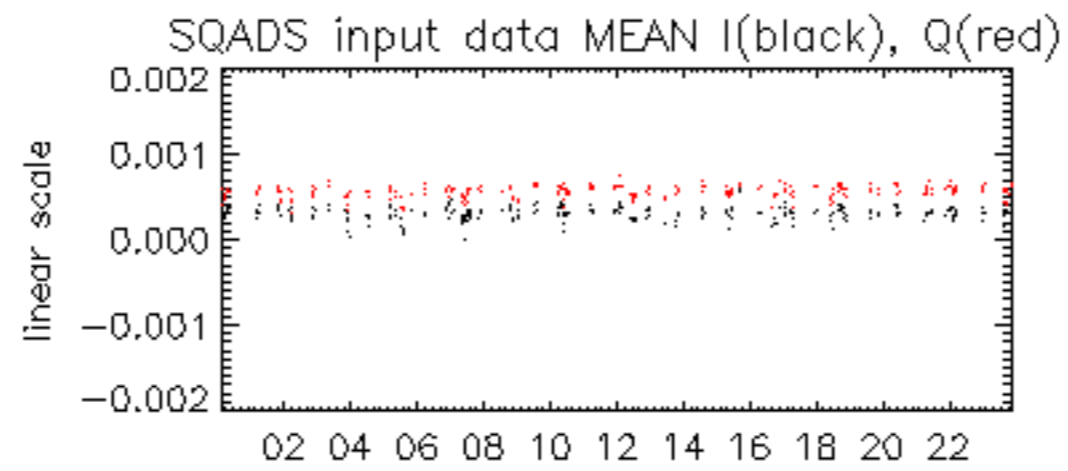




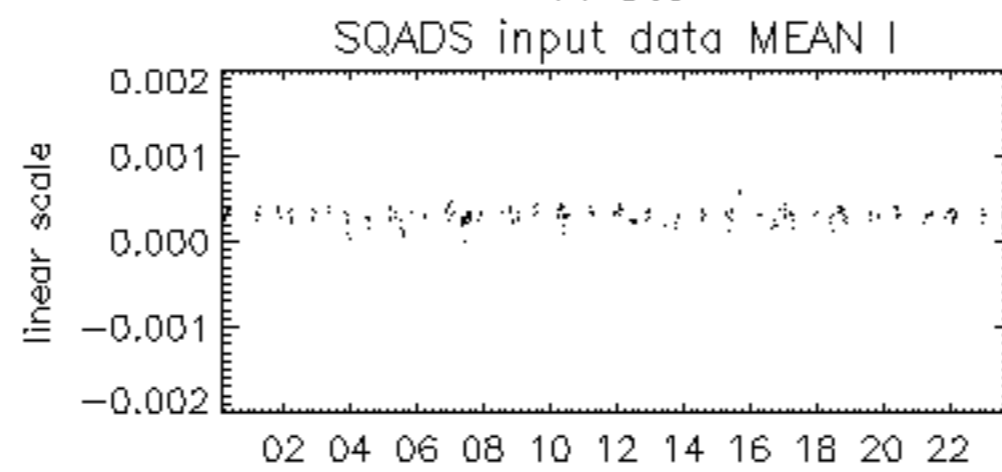




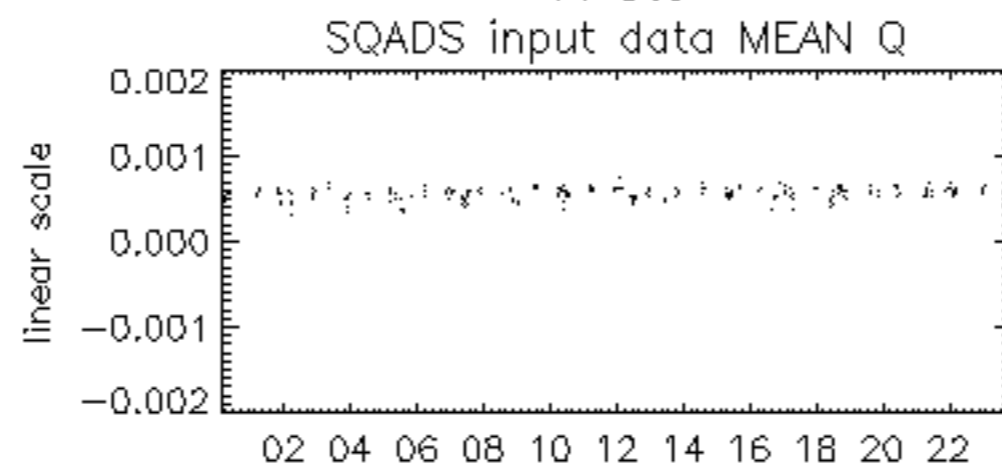




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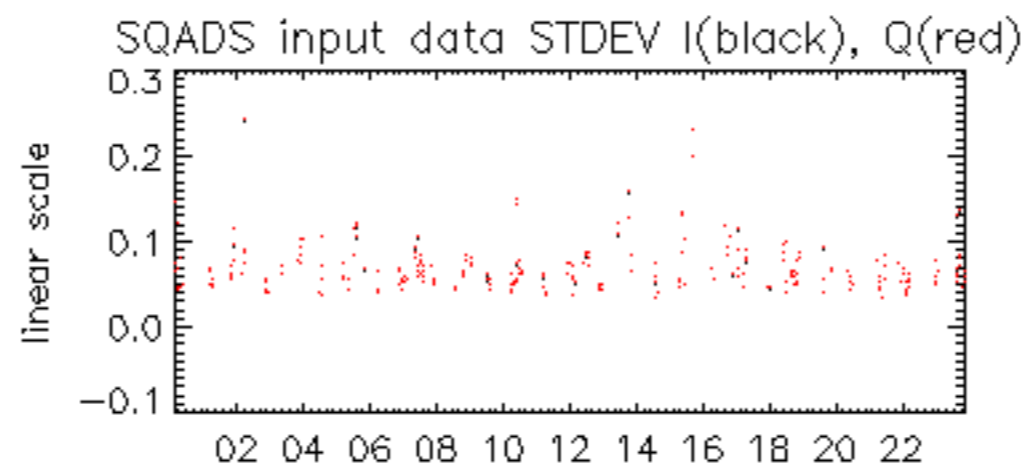


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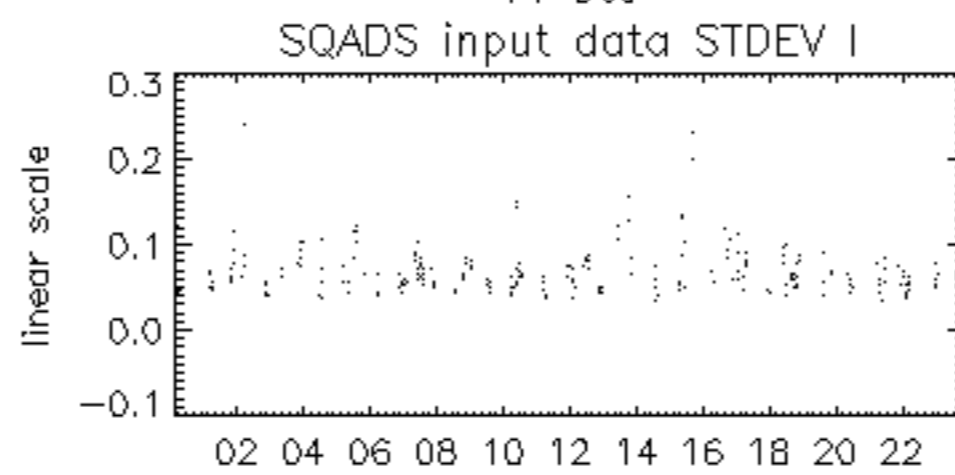


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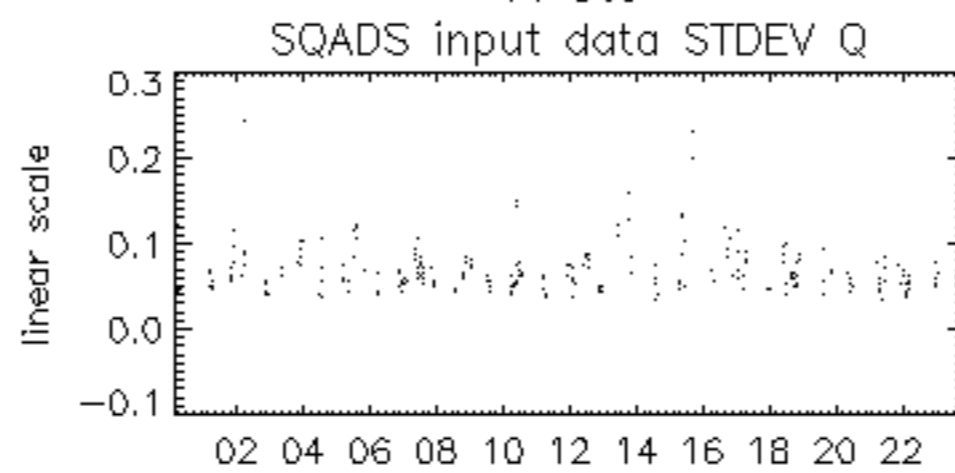




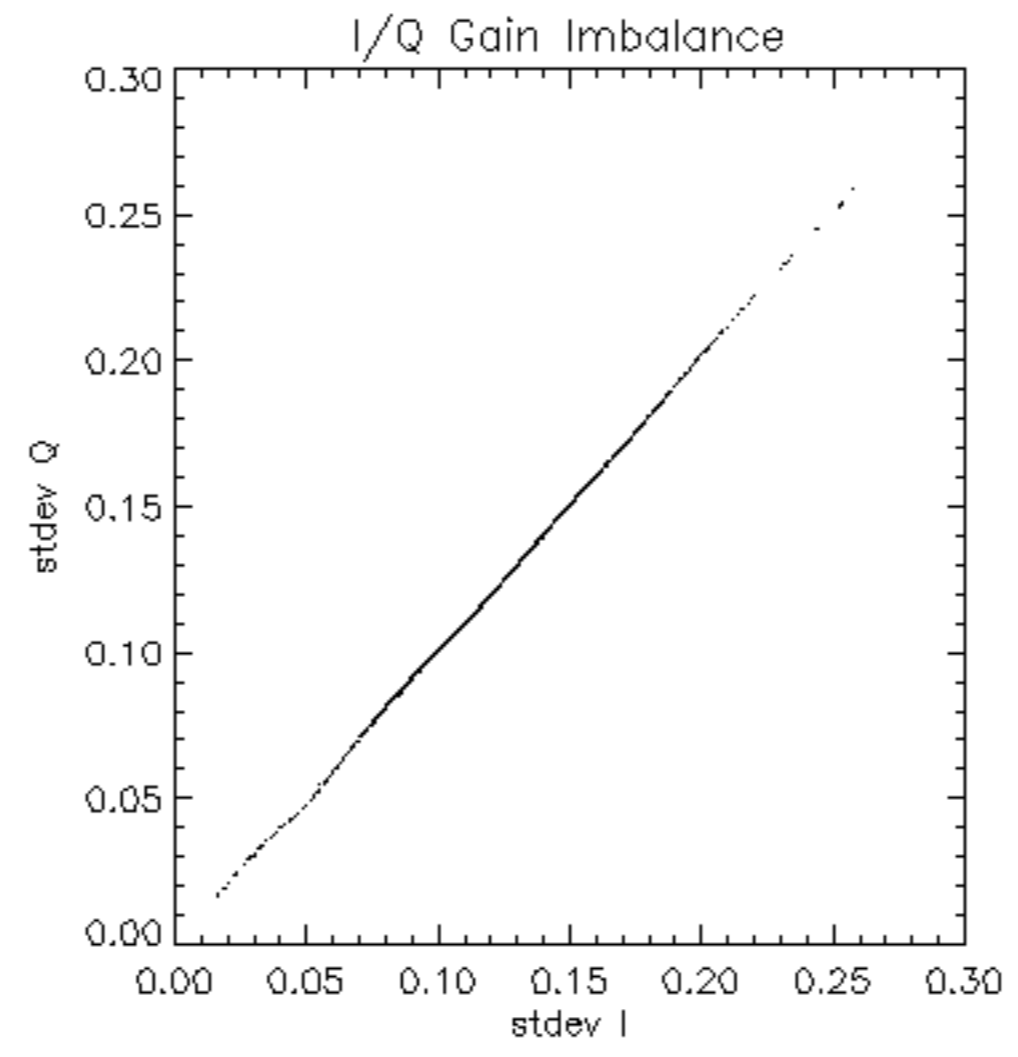
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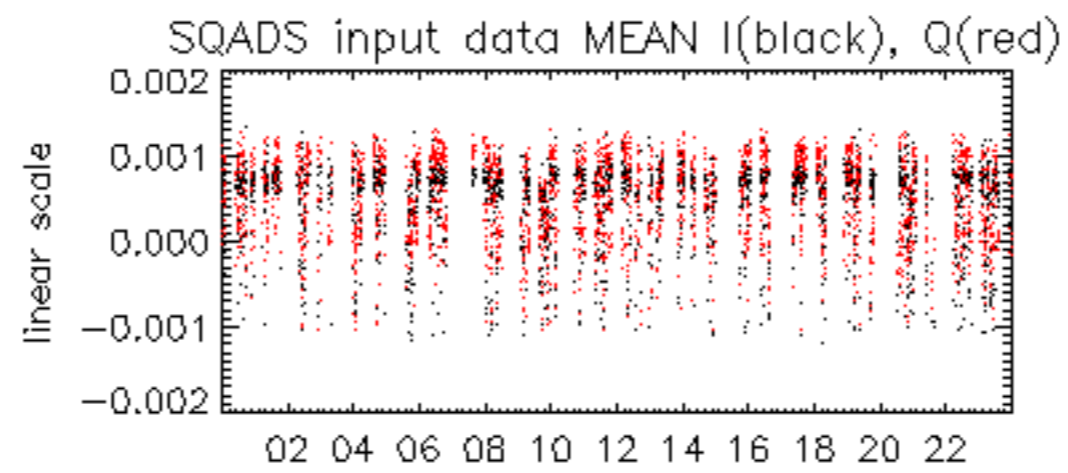


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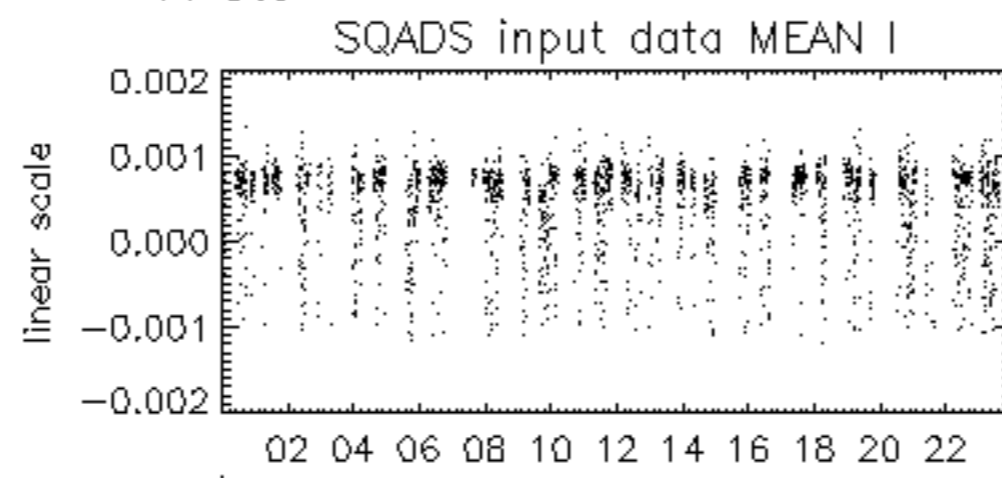


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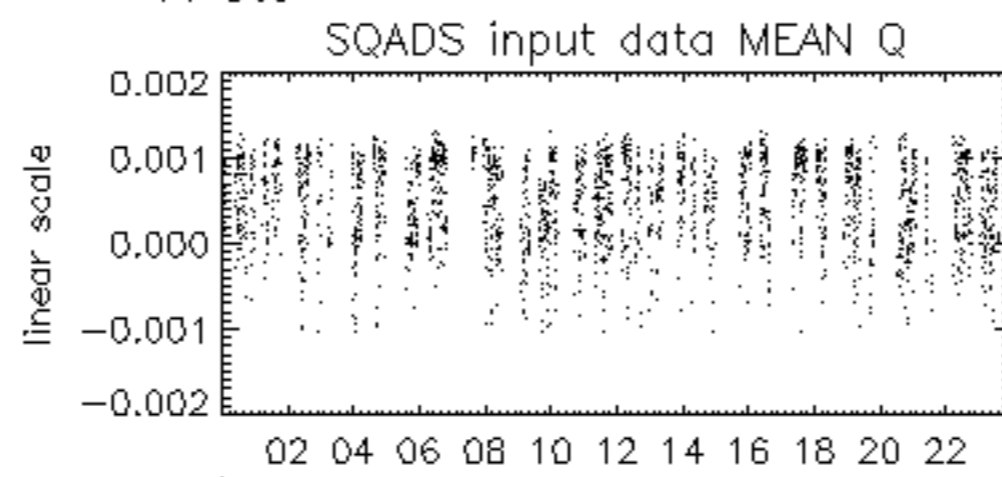




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