



Analysis from 08-DEC-2009 00:00:00 to 08-DEC-2009 23:59:59. Page generated on 15-DEC-2009 09:38:27.  
View log file: ASAR\_Daily\_Report\_20091215\_0937.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	IS2	V/V	10	PDE	WS	H/H	12	PDE	IS1	H/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	12	PDK	2009-12-08 17:33:21	H	320
PDK	IS2	V/V	24	PDK	WS	H/H	40	PDE	IS2	H/H	1	PDE	IS2	H/H	2	PDE	WS	V/V	3				
												PDE	IS2	V/V	14	PDK	WS	H/H	10				
												PDE	IS4	H/H	1								
												PDE	IS6	H/H	1								
												PDE	IS6	V/V	2								
												PDK	IS2	H/H	3								
												PDK	IS2	V/V	5								
												PDK	IS6	H/H	1								

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS







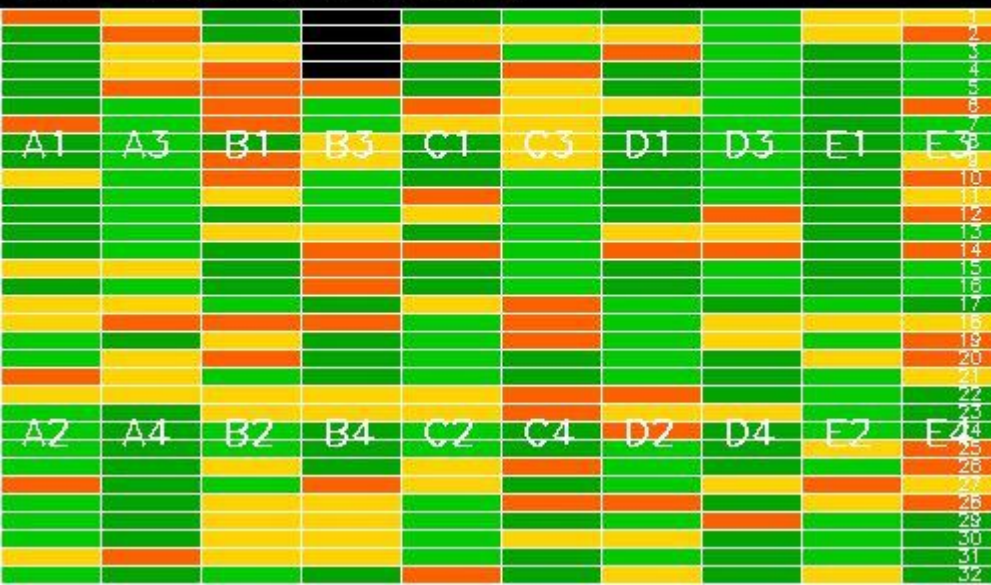
### 3.2 - H/H polarisation

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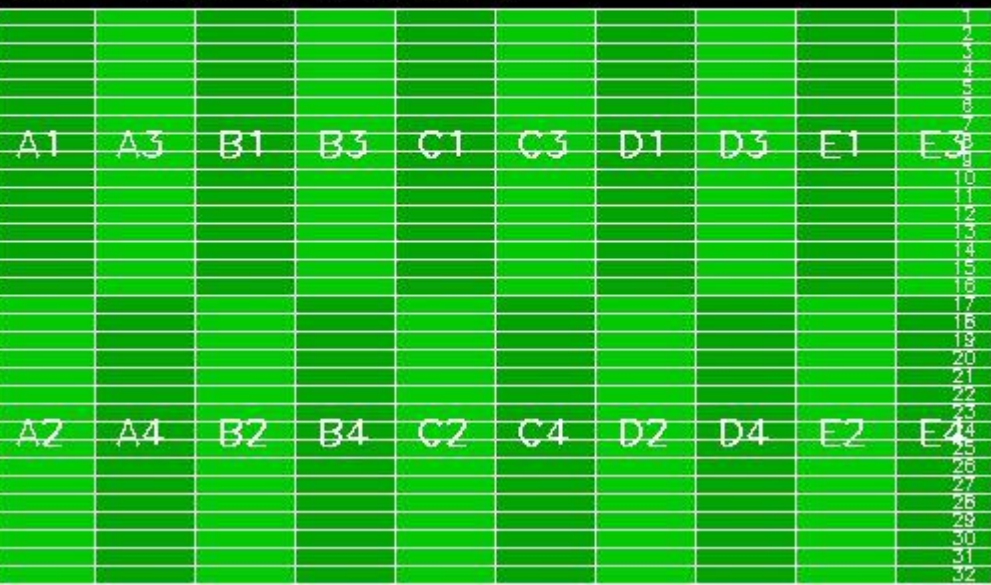
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation



Reference: 2005-09-22 06:26:51 H RxGain  
 Test : 2009-12-08 17:33:21 H



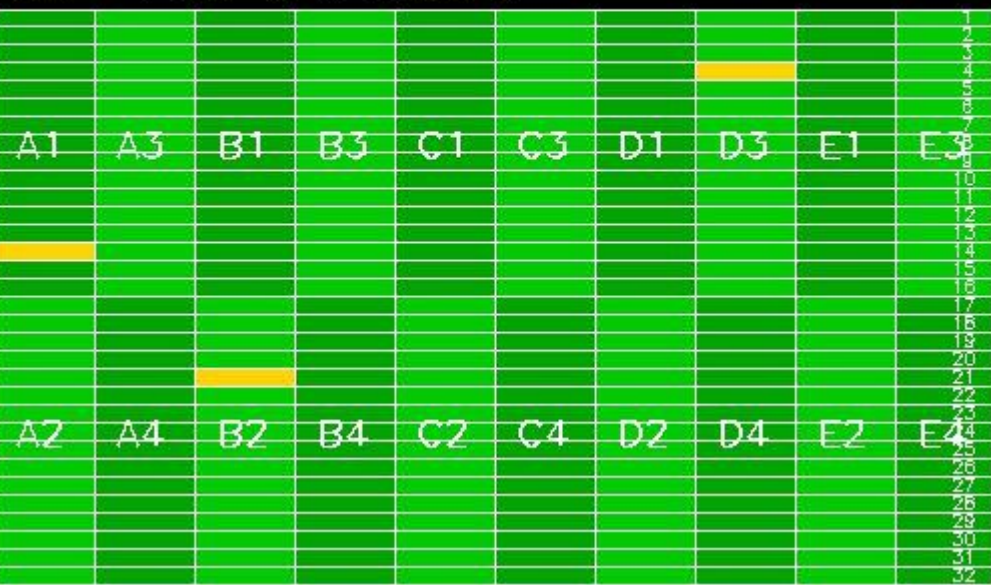
Reference: 2009-12-06 18:36:35 H RxGain  
 Test : 2009-12-08 17:33:21 H



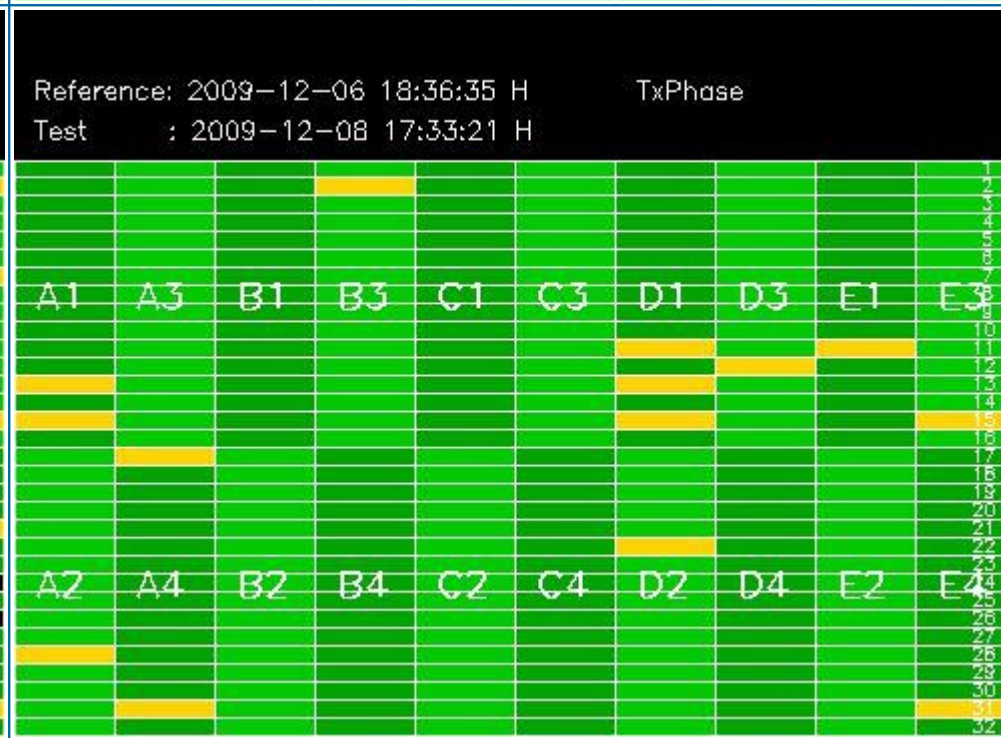
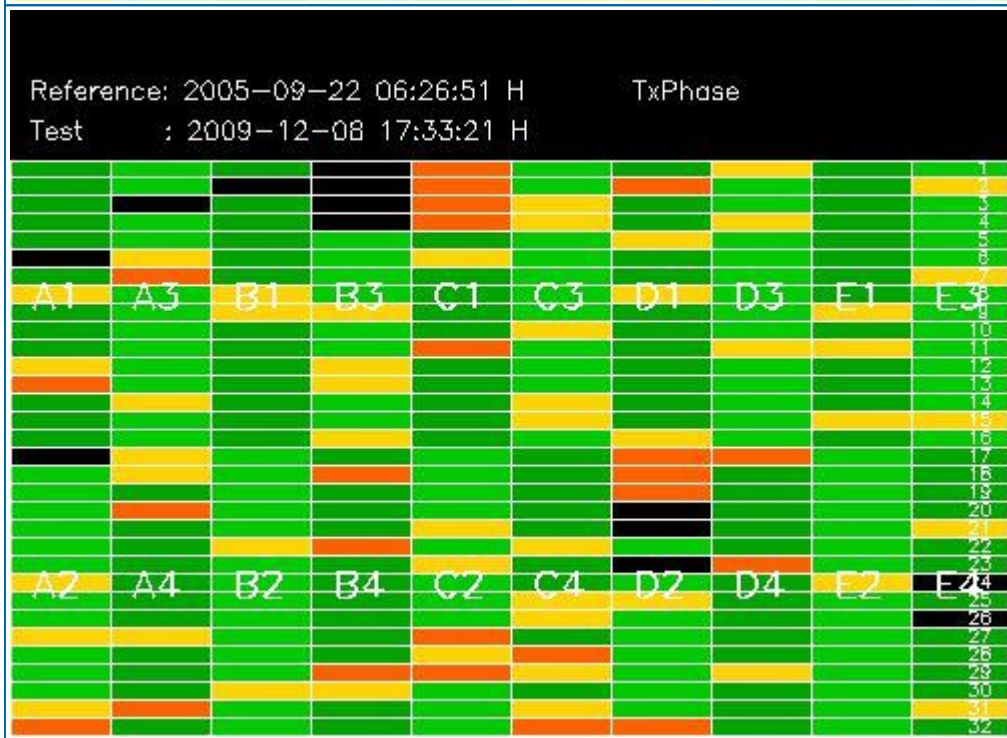
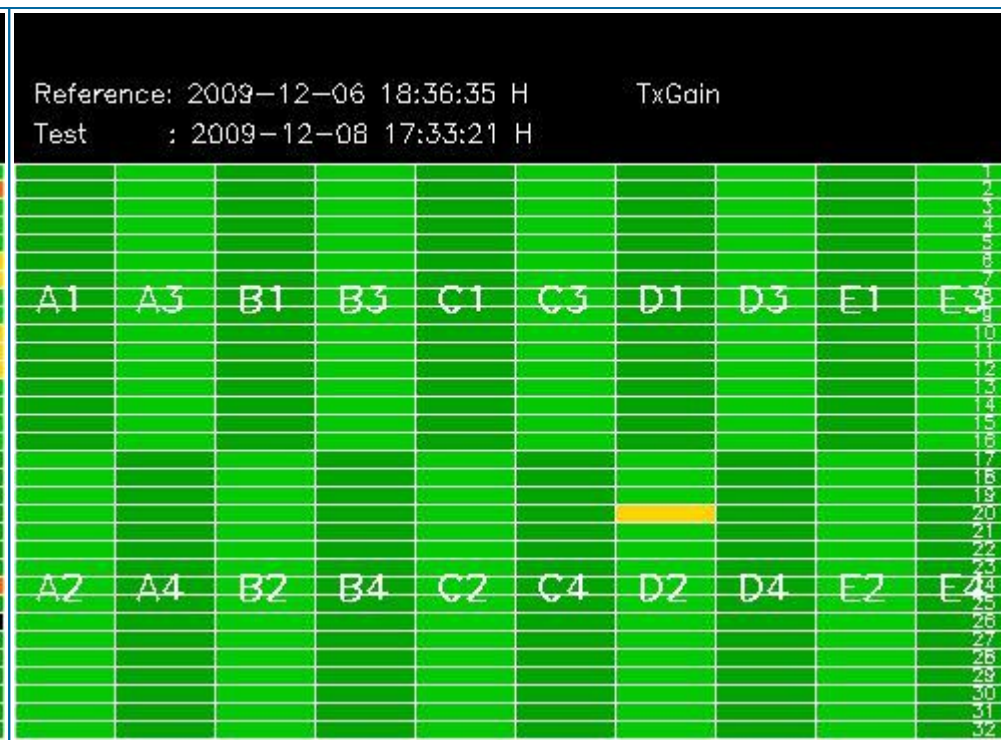
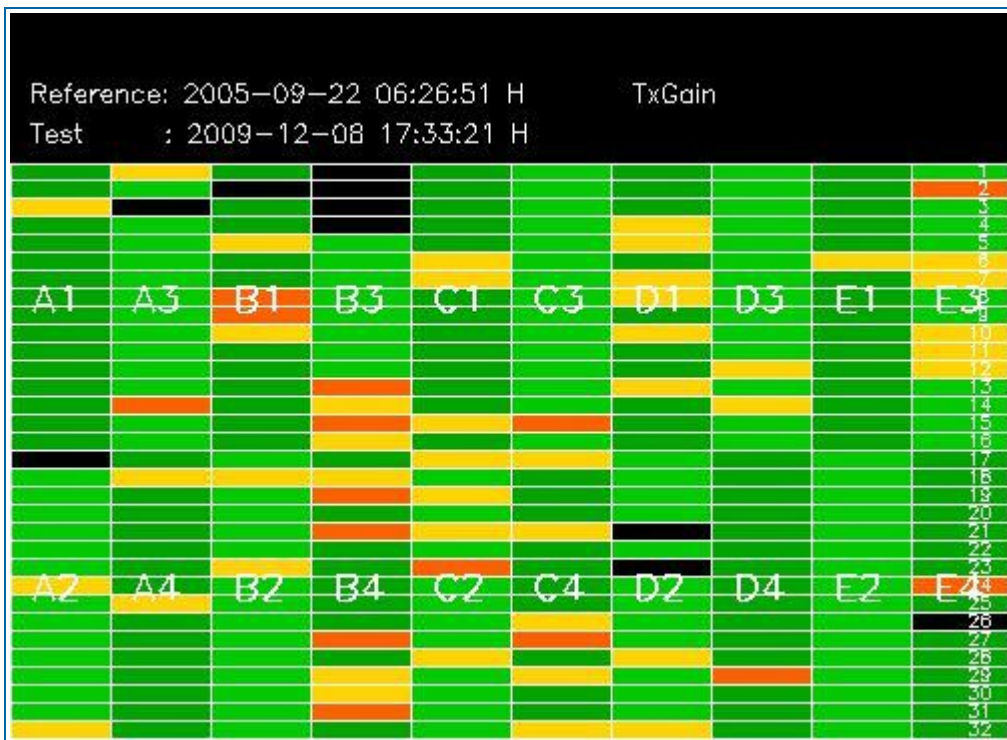
Reference: 2005-09-22 06:26:51 H RxPhase  
 Test : 2009-12-08 17:33:21 H



Reference: 2009-12-06 18:36:35 H RxPhase  
 Test : 2009-12-08 17:33:21 H







## 4 - CALIBRATION PULSES ANALYSIS

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

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

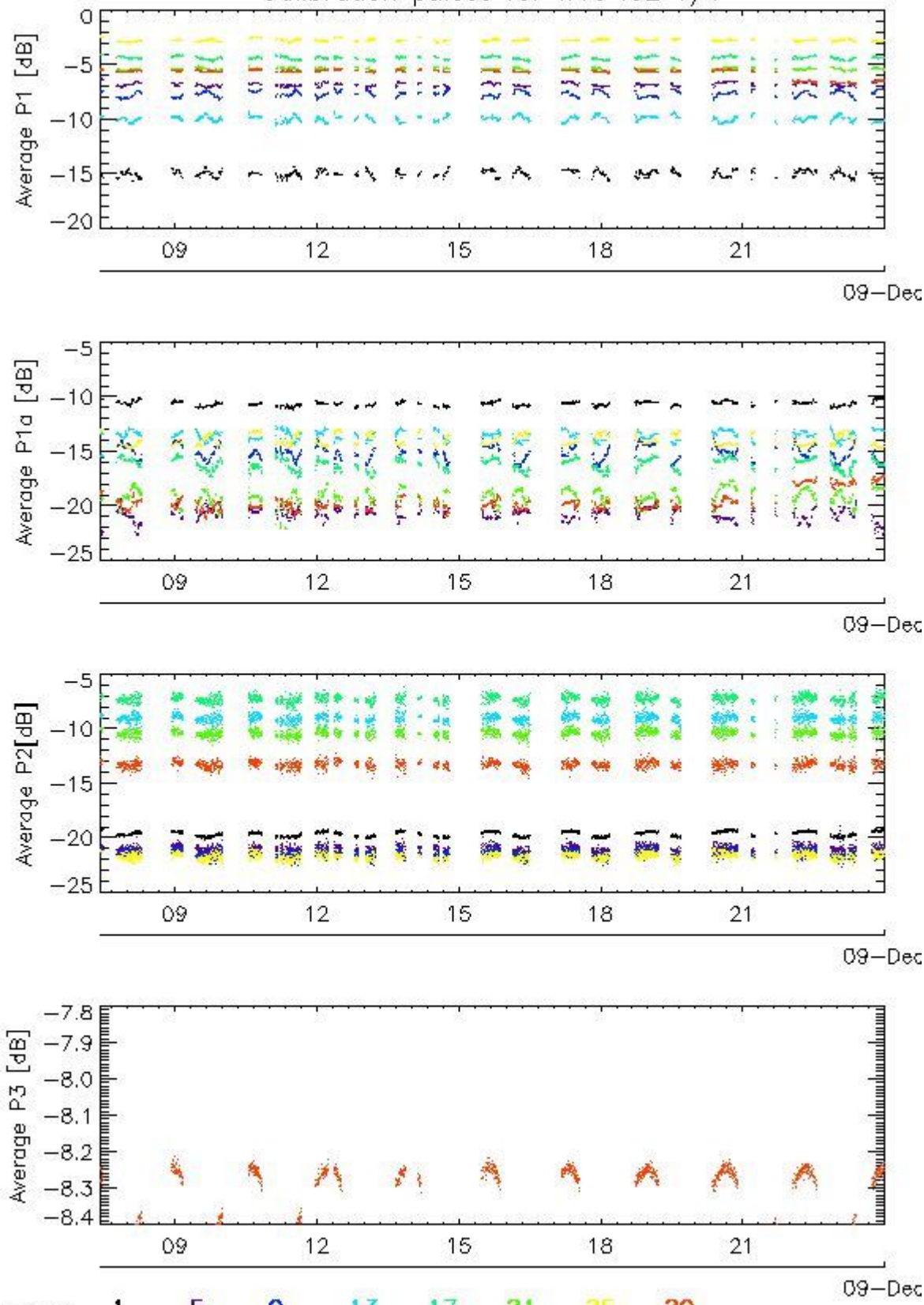
[ BACK TO MENU ]

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

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

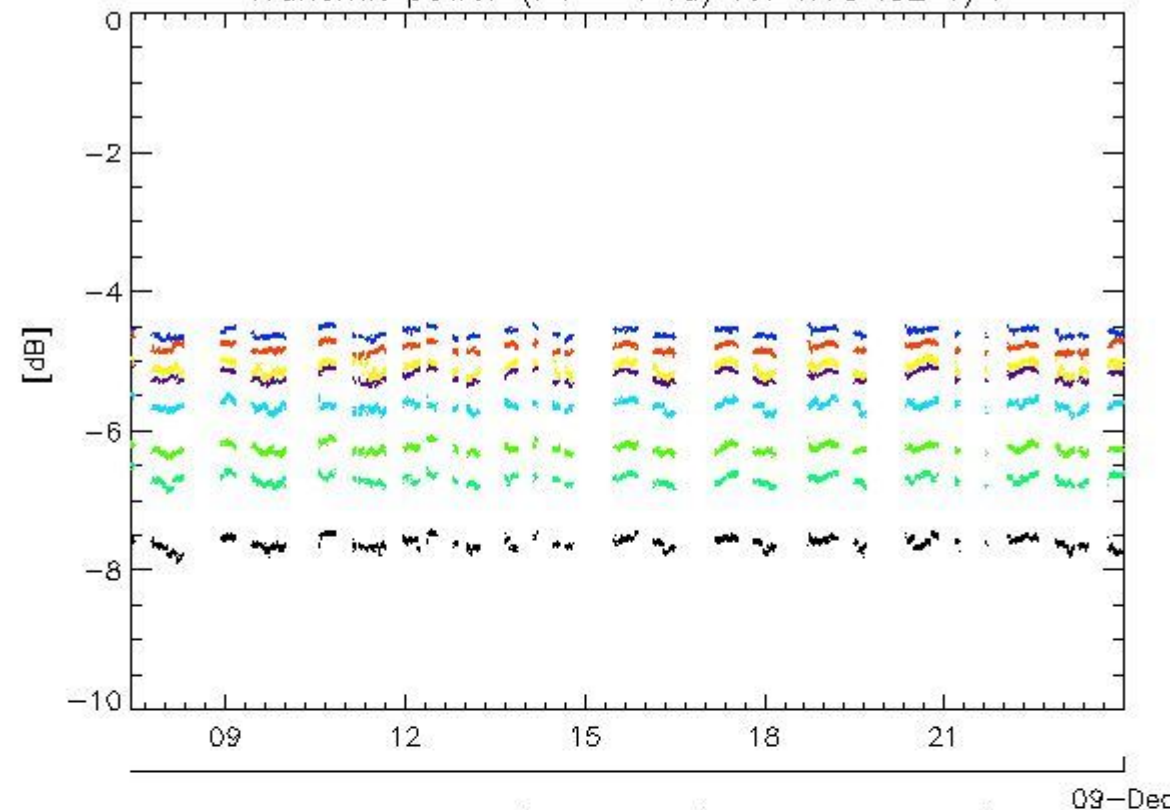


Calibration pulses for WVS IS2 V/V

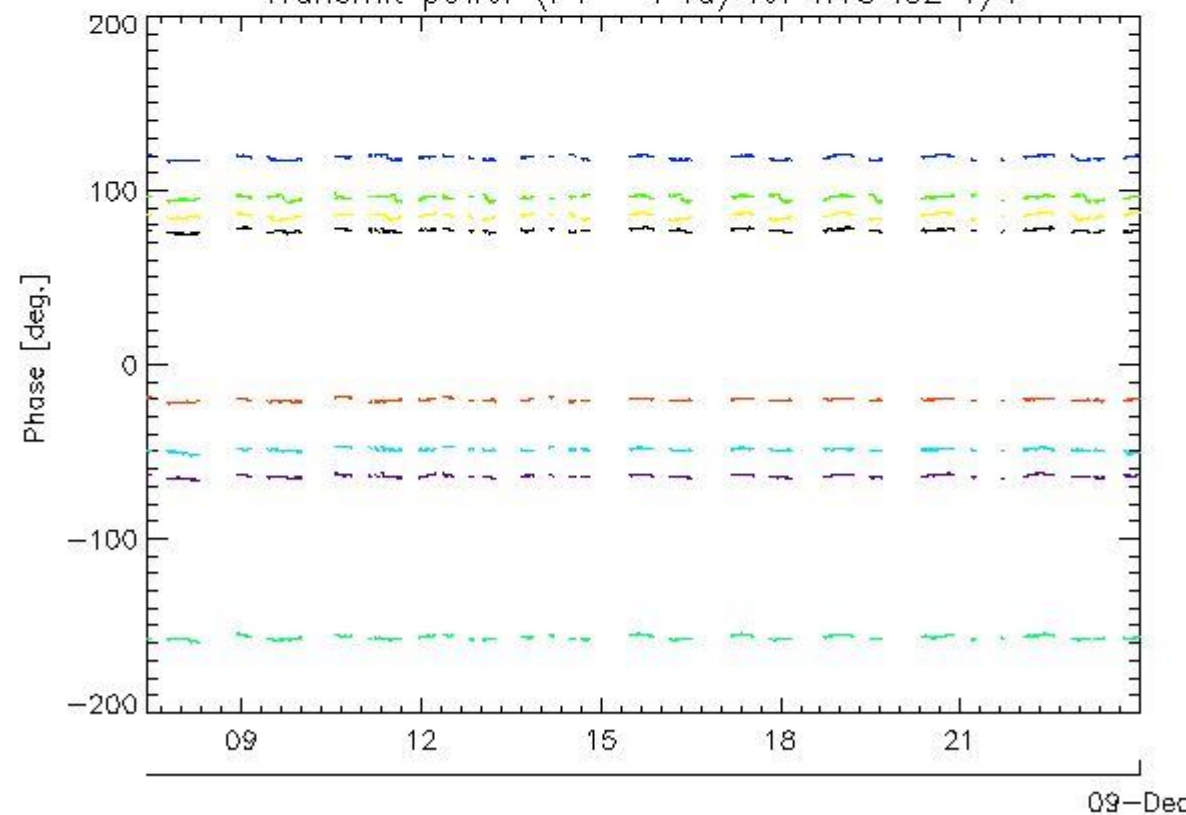


rows: - 1 - 5 - 9 - 13 - 17 - 21 - 25 - 29

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



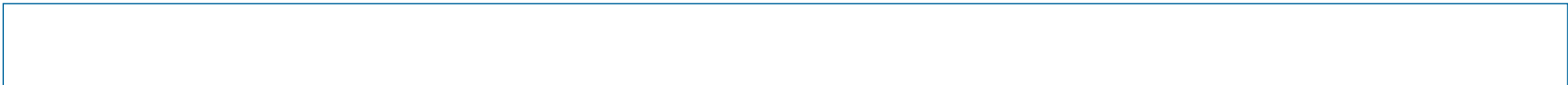
Transmit power (P1 - P1a) for WVS IS2 V/V

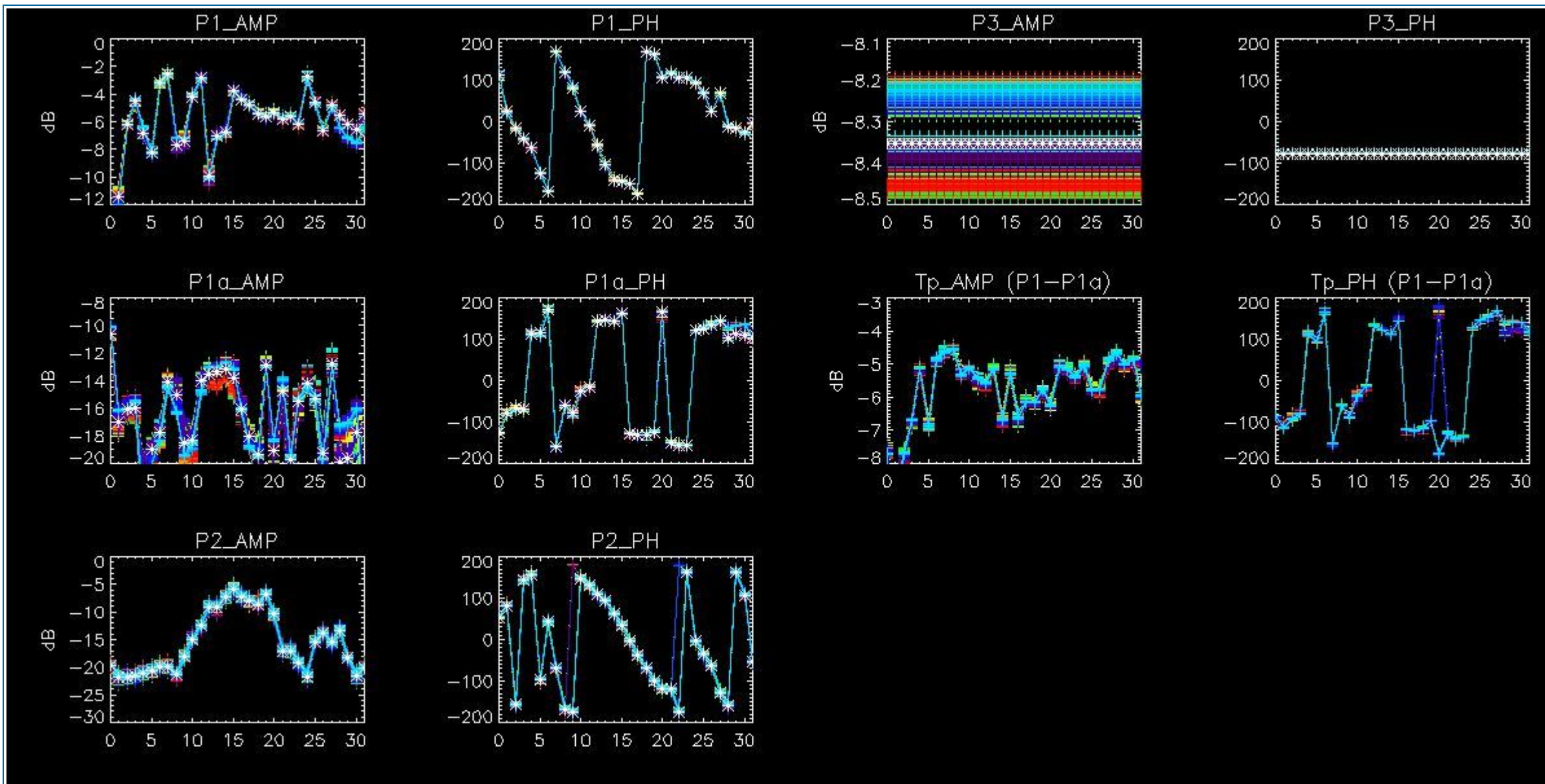


rows: - 1 - 5 - 9 - 13 - 17 - 21 - 25 - 29

#### 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

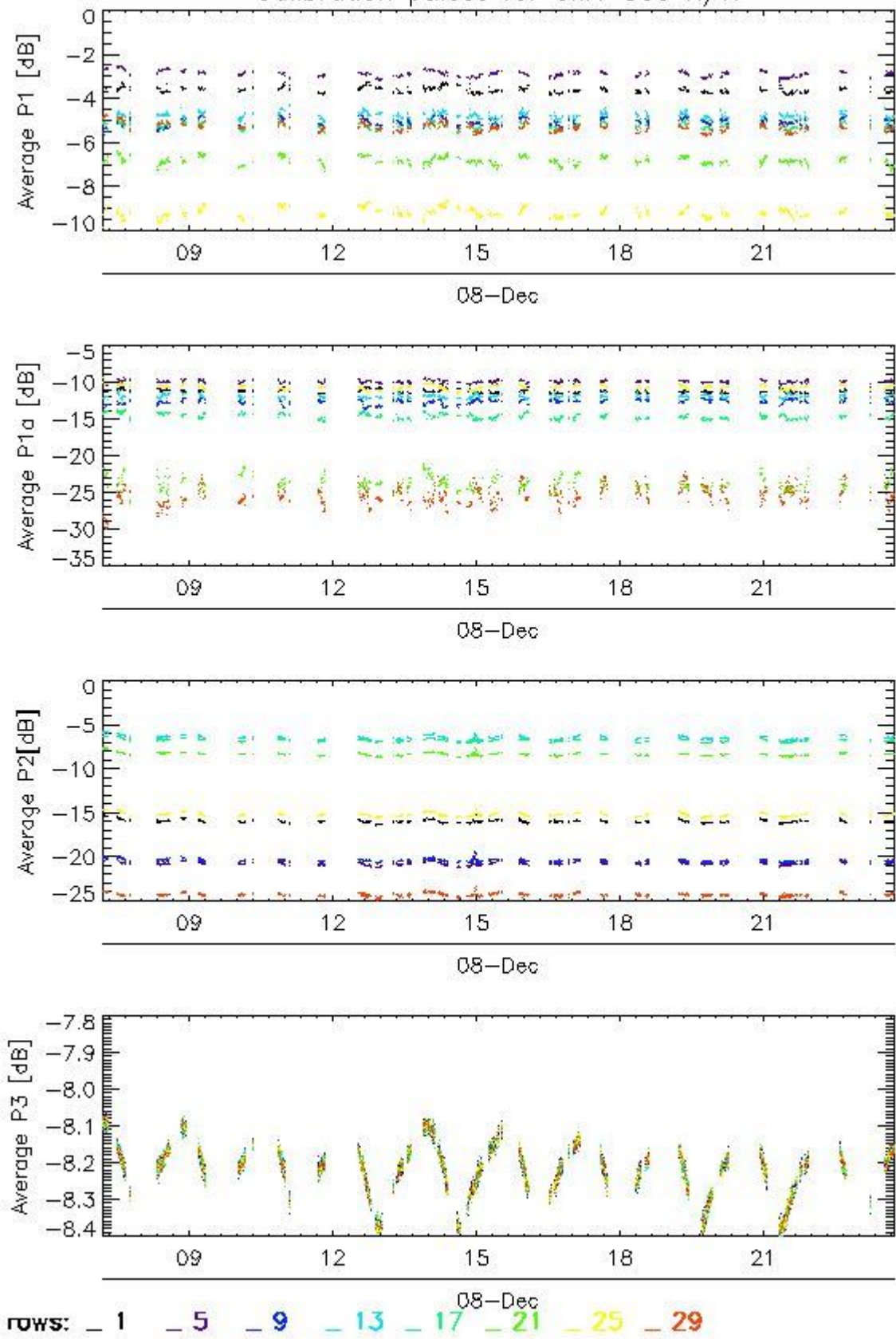
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

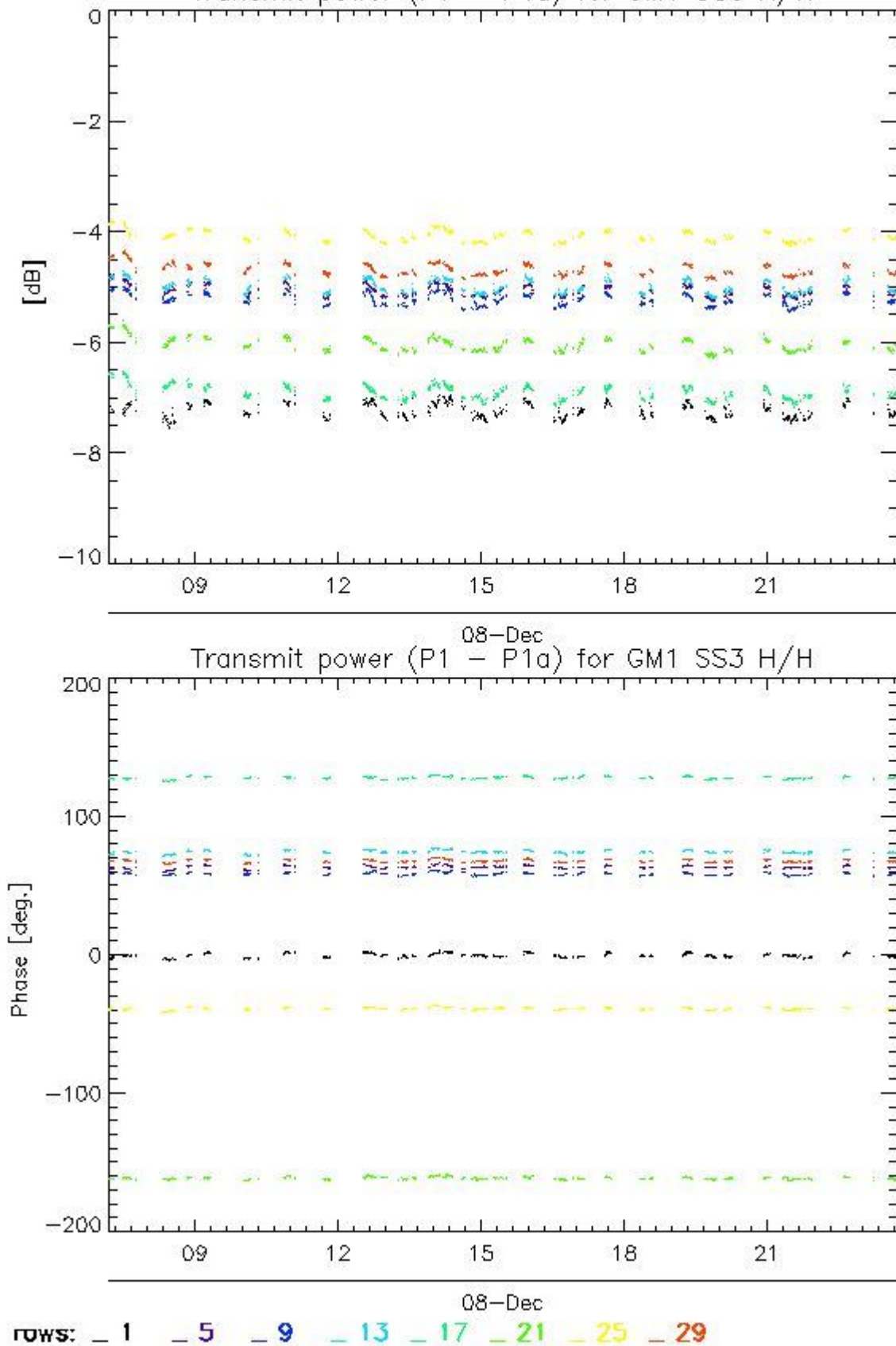
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



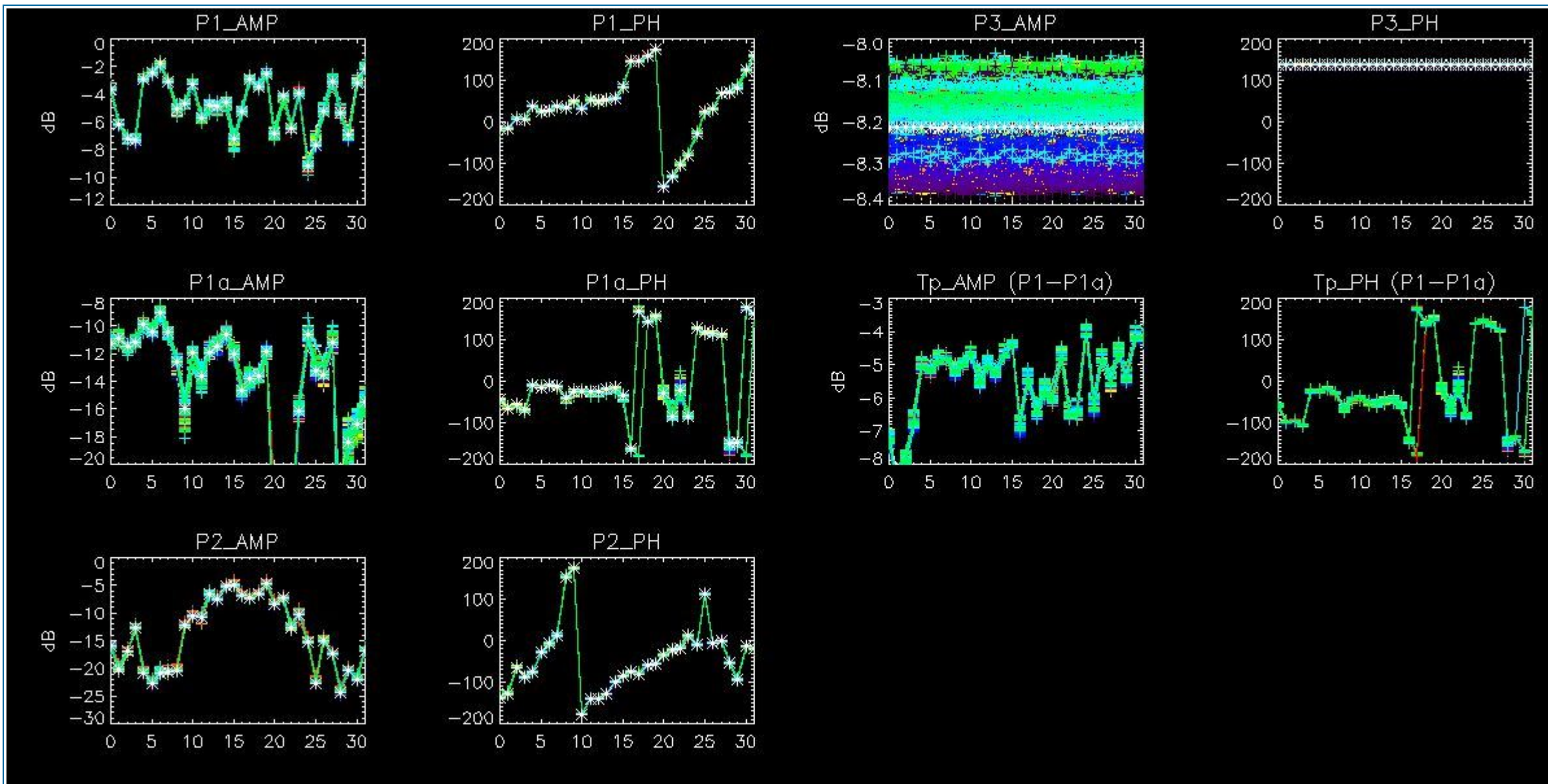
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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## 5 - DOPPLER ANALYSIS

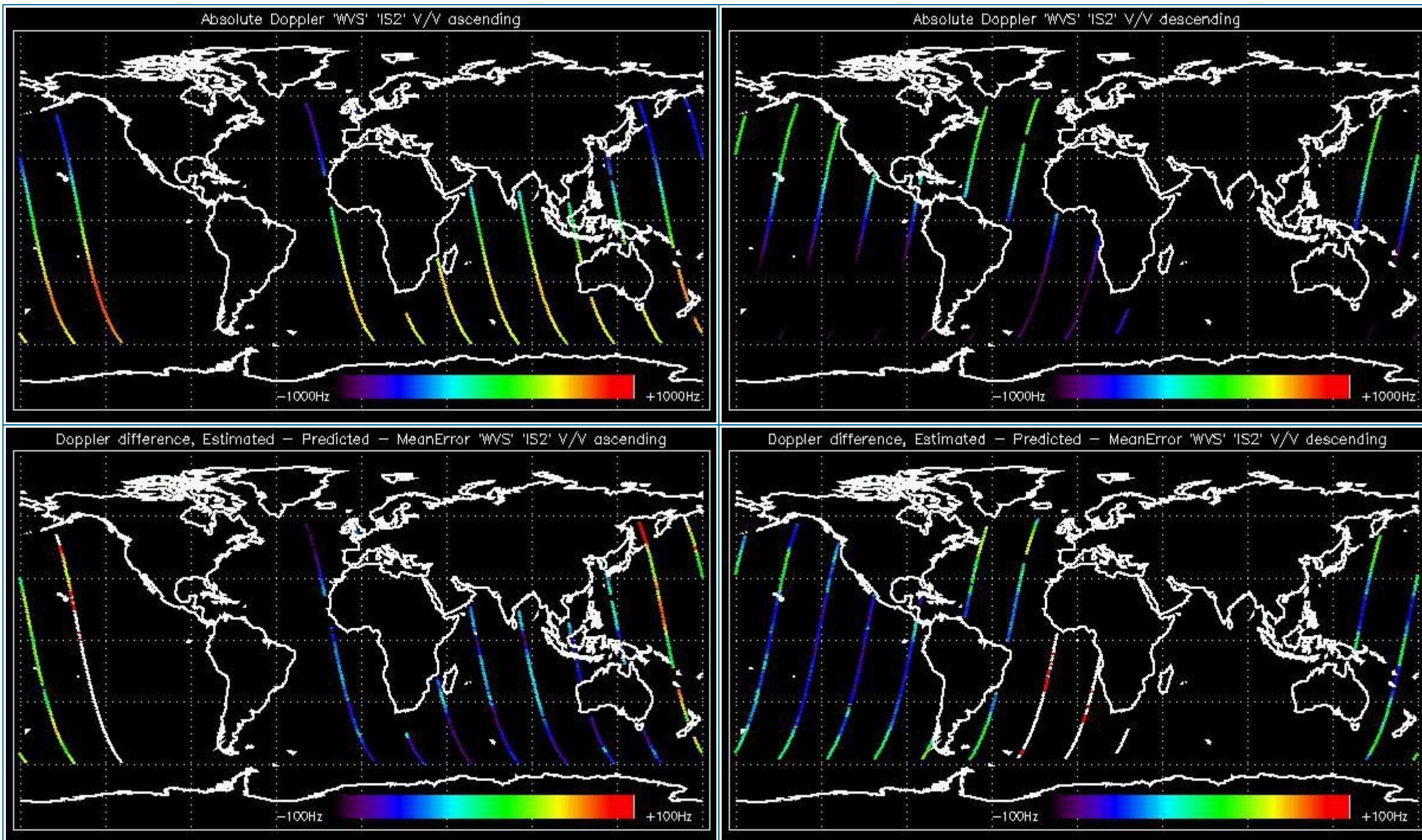
### 5.1 - Analysis for WVS IS2 V/V

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

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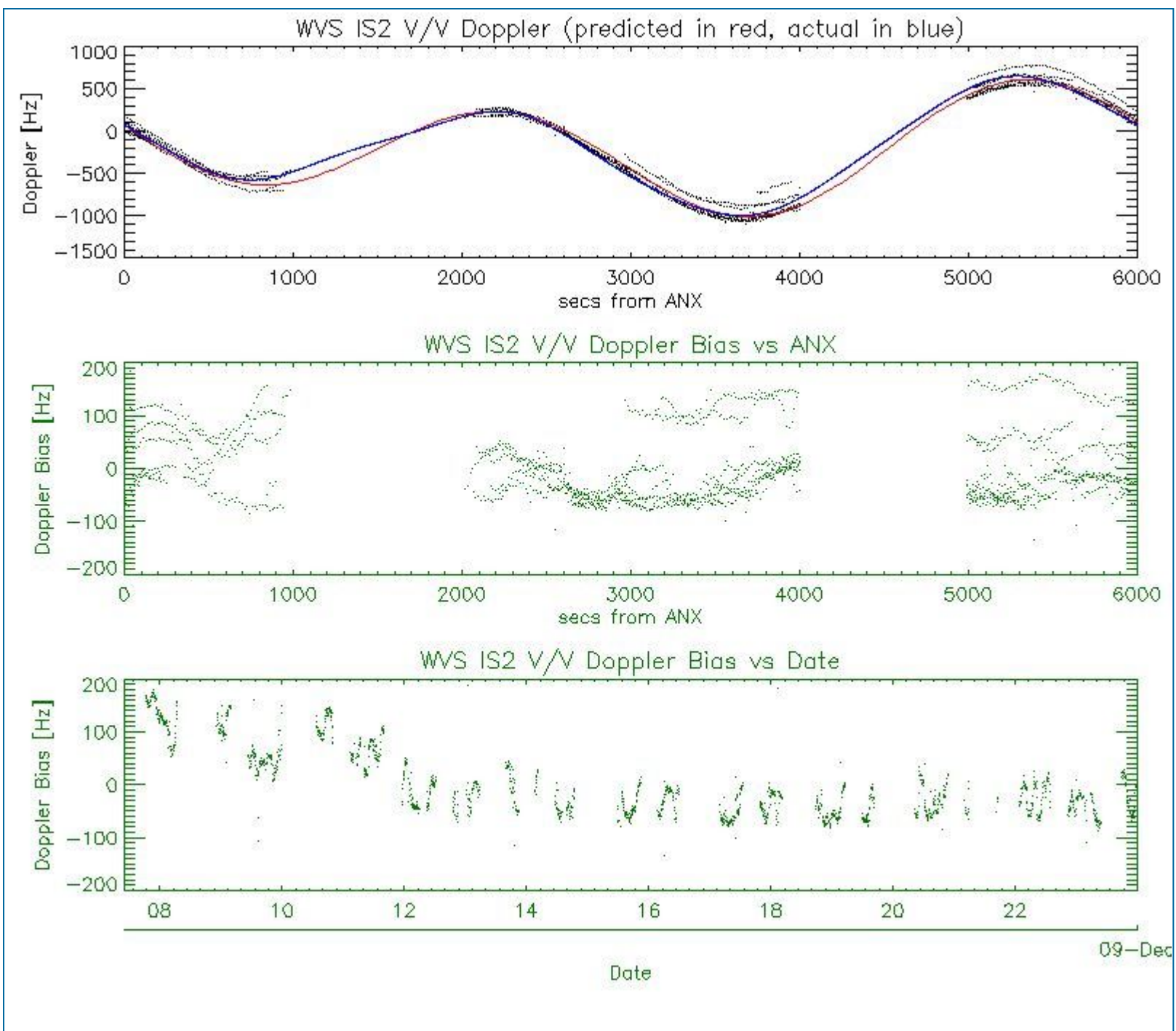




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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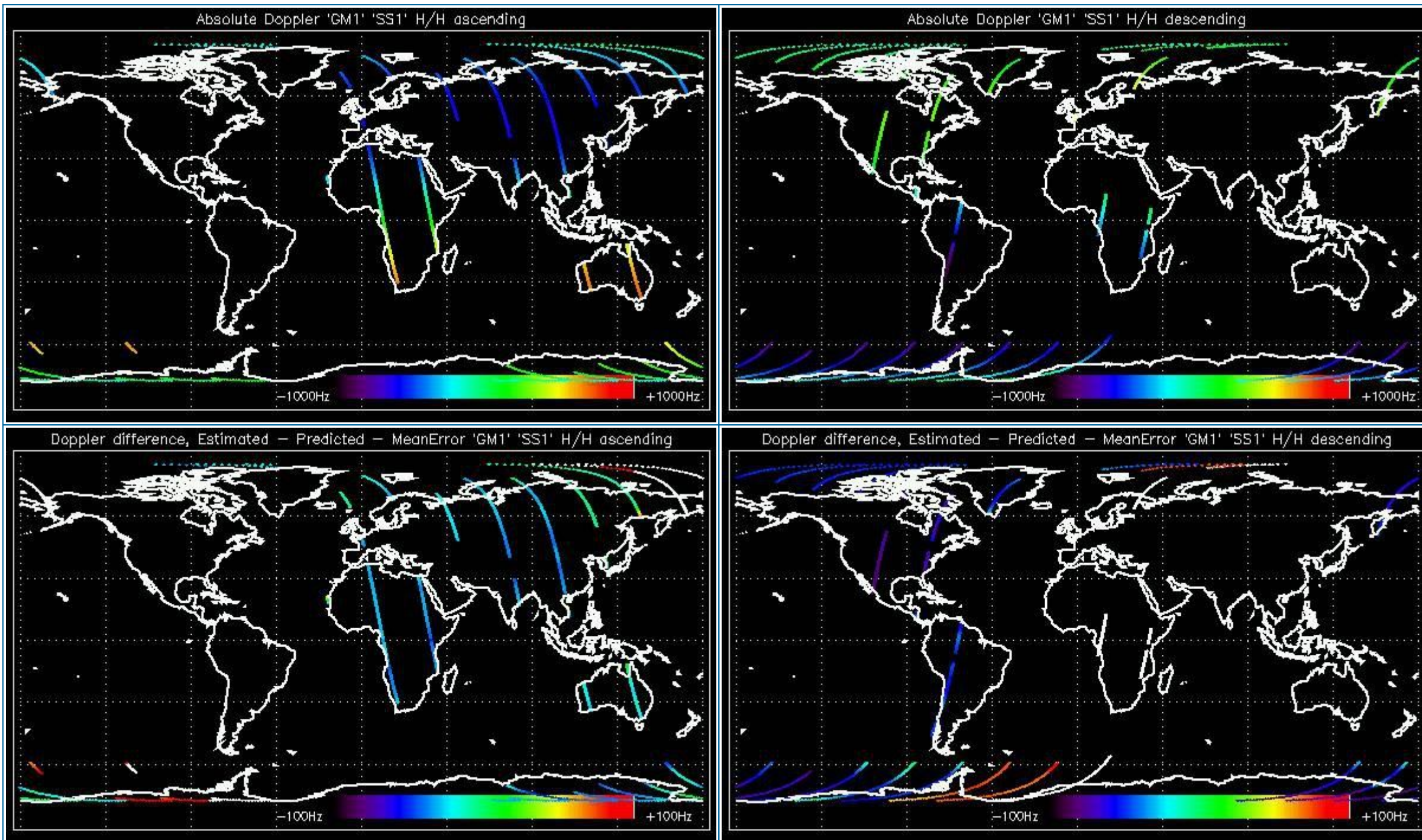
## 5.2 - Analysis for GM1 SS1 H/H

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

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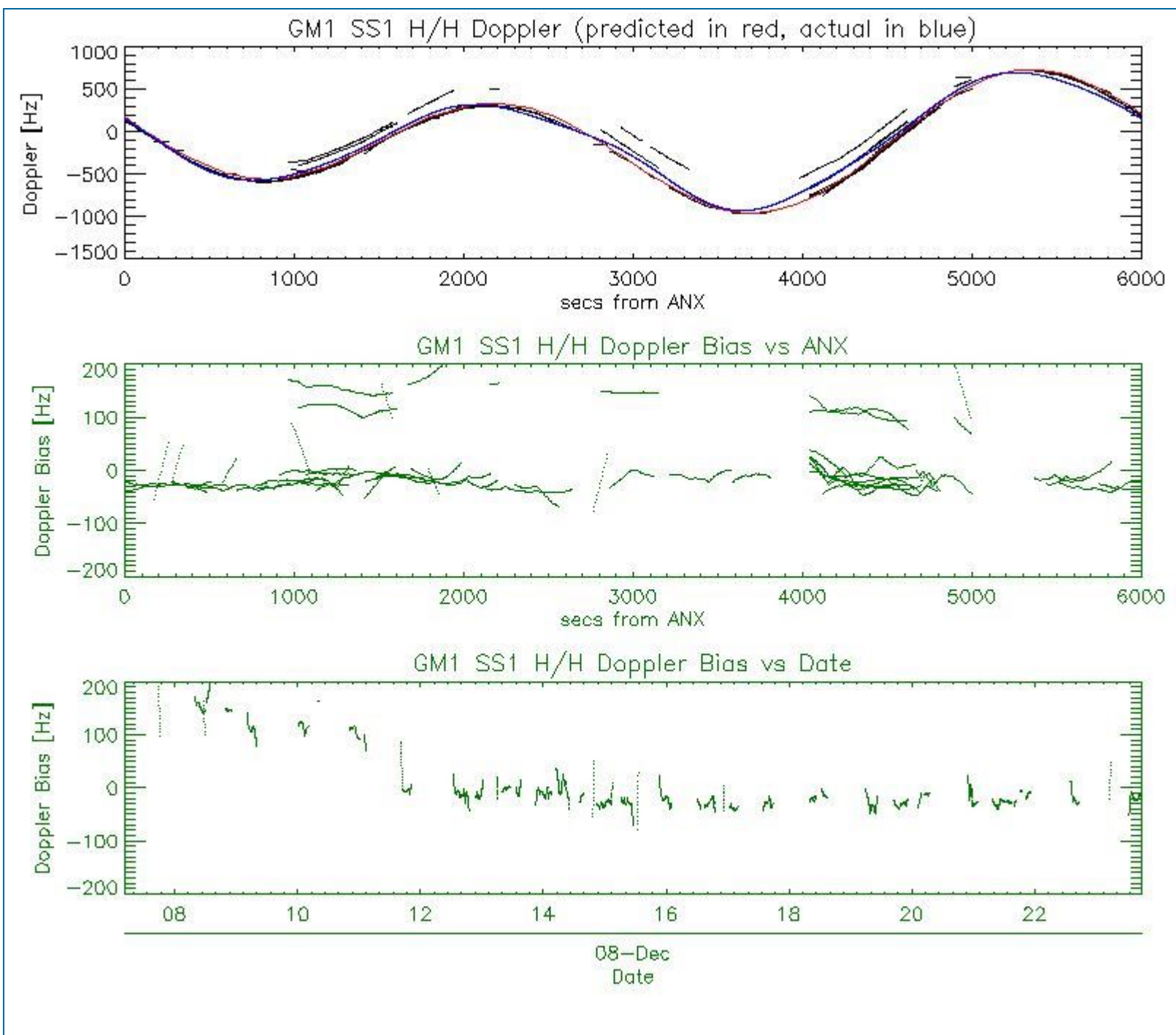




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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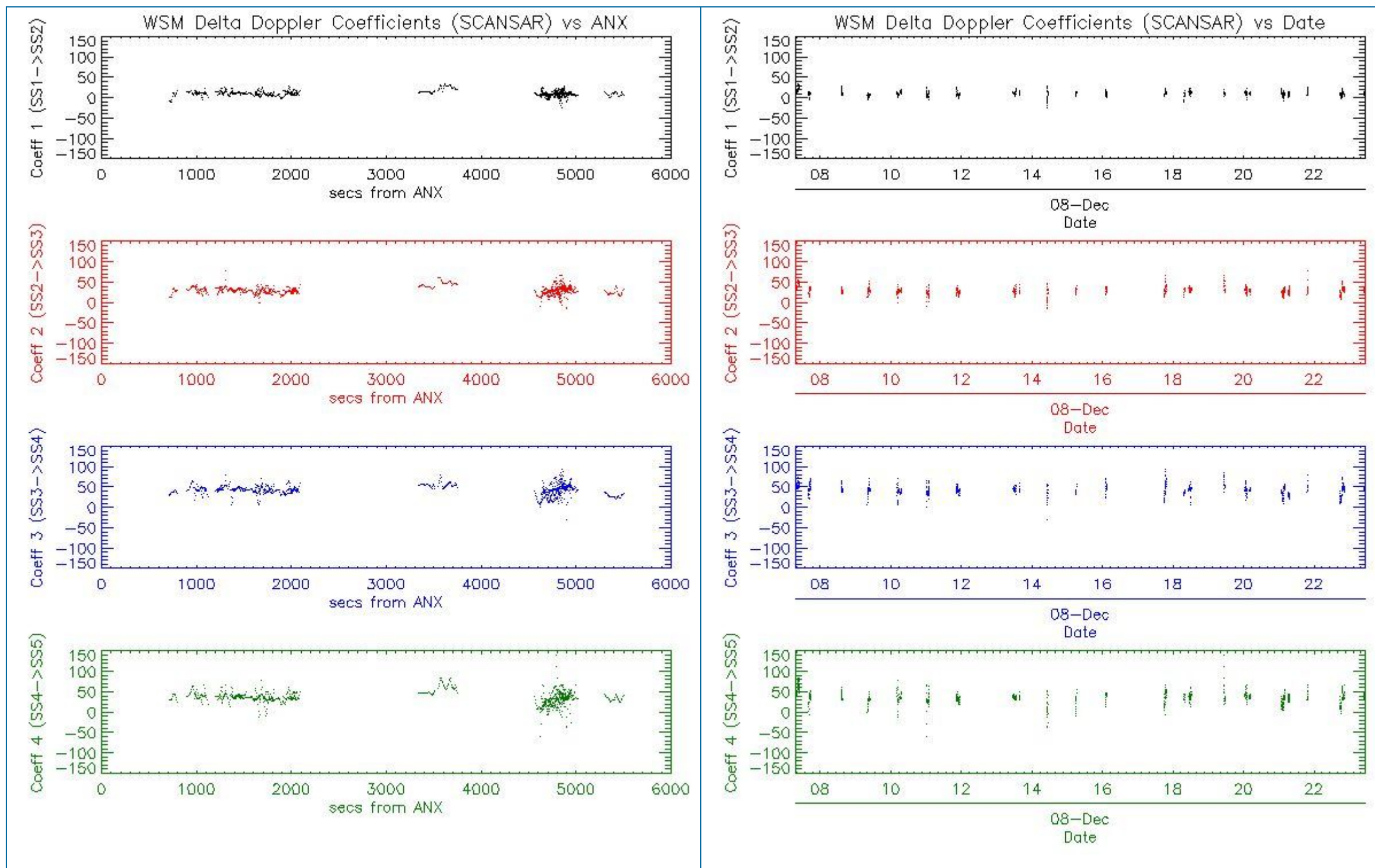


### 5.3 - Doppler JUMPS Analysis for WSM

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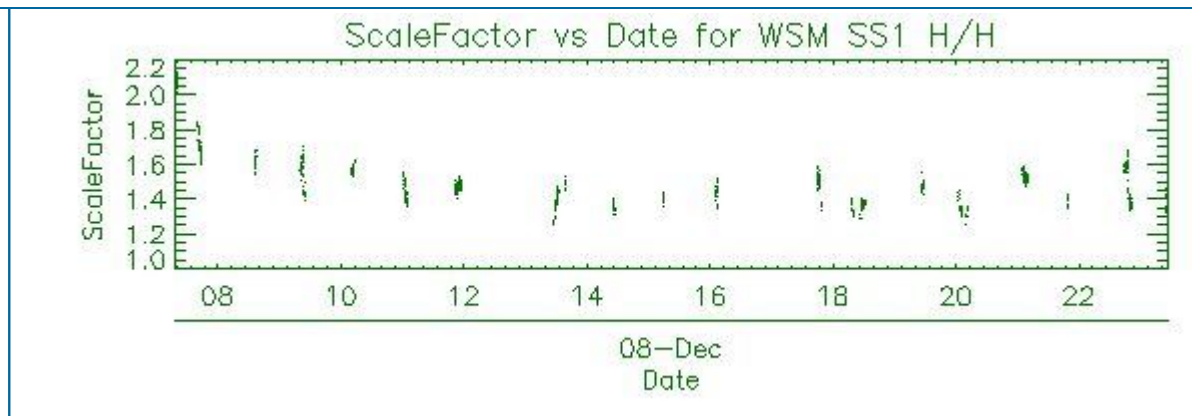
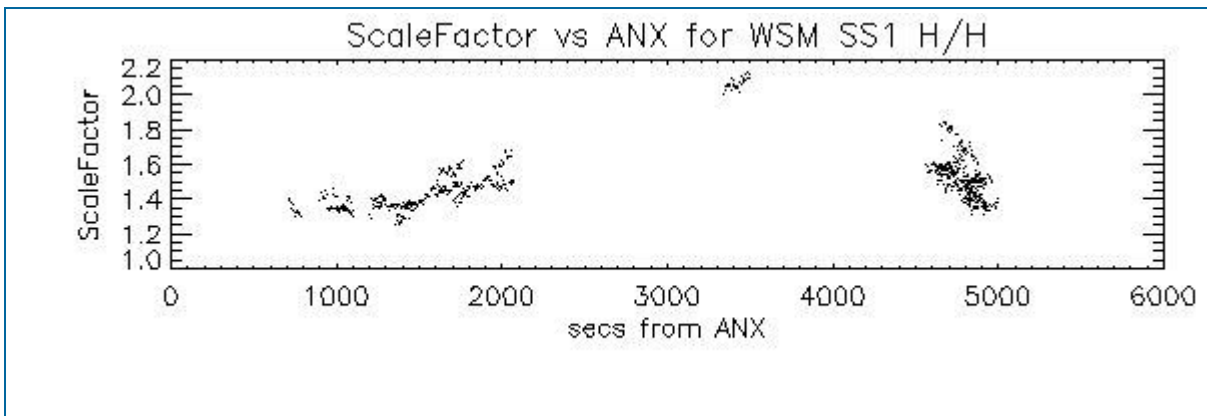
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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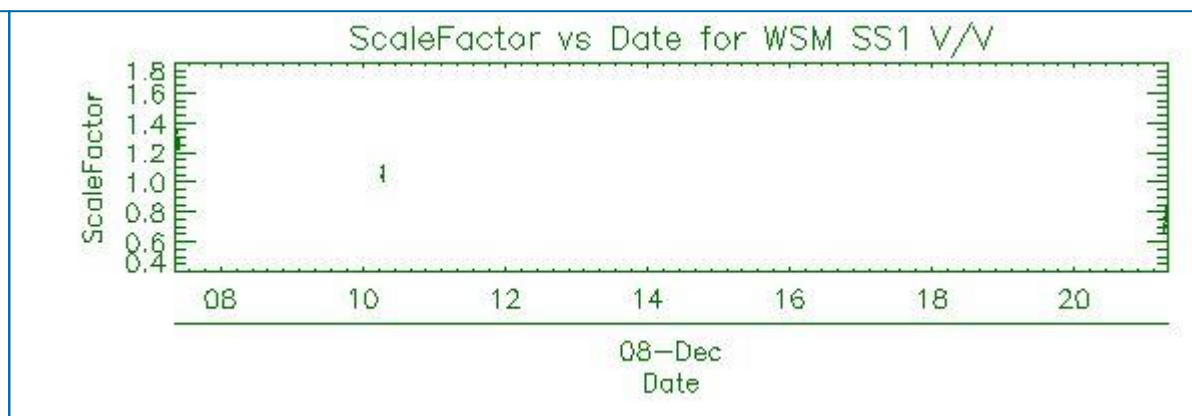
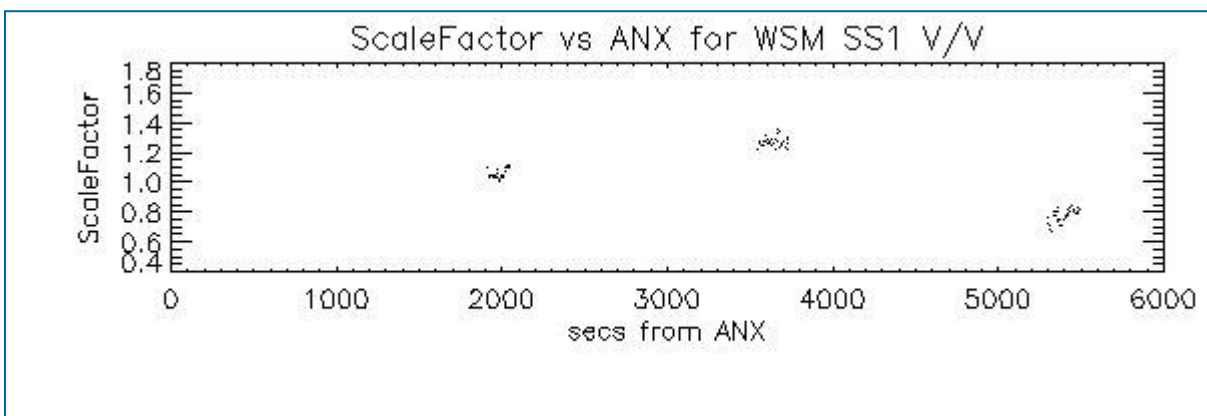




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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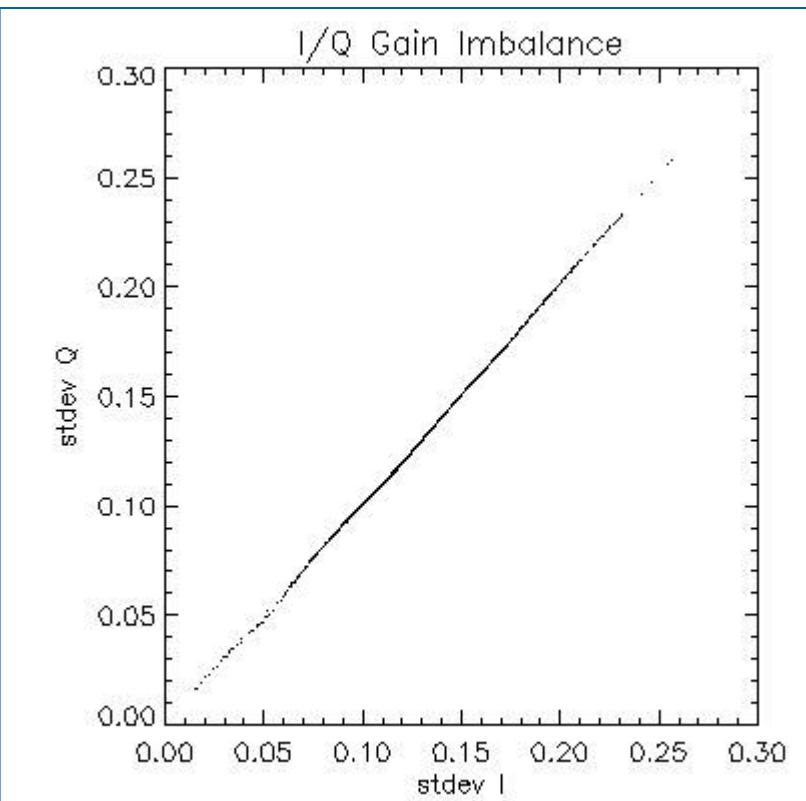
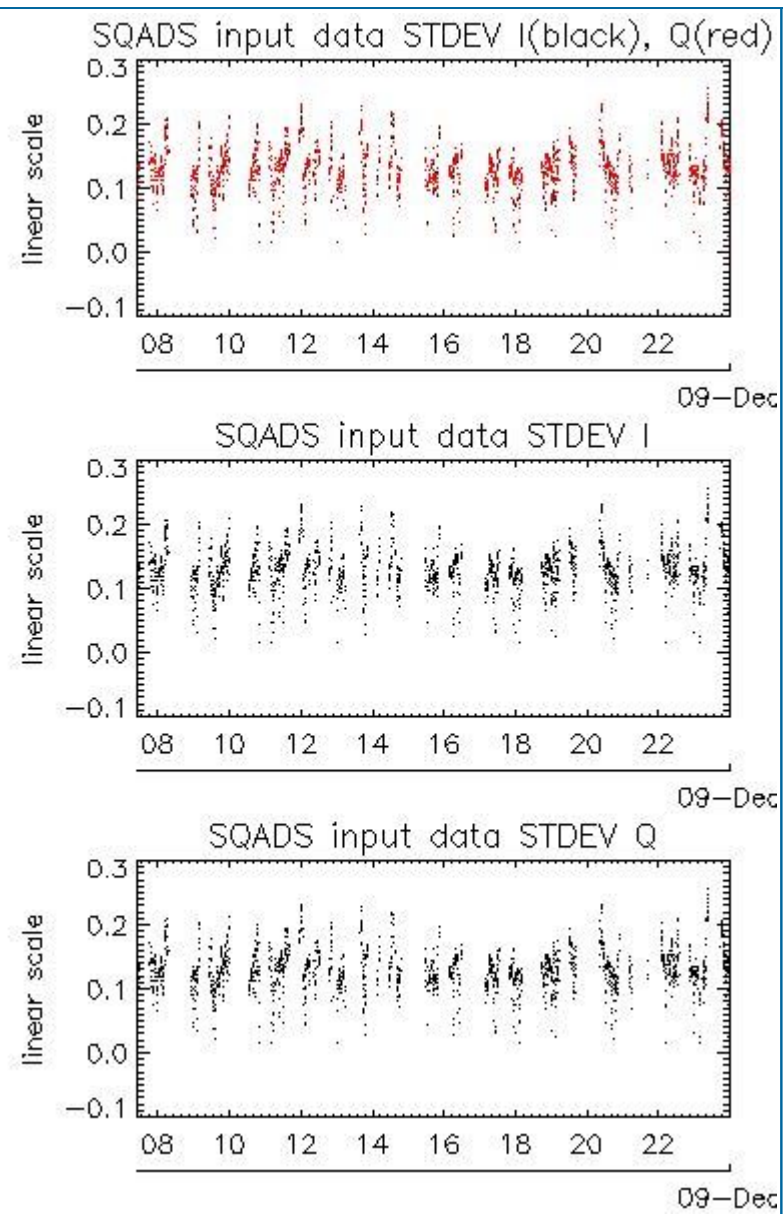
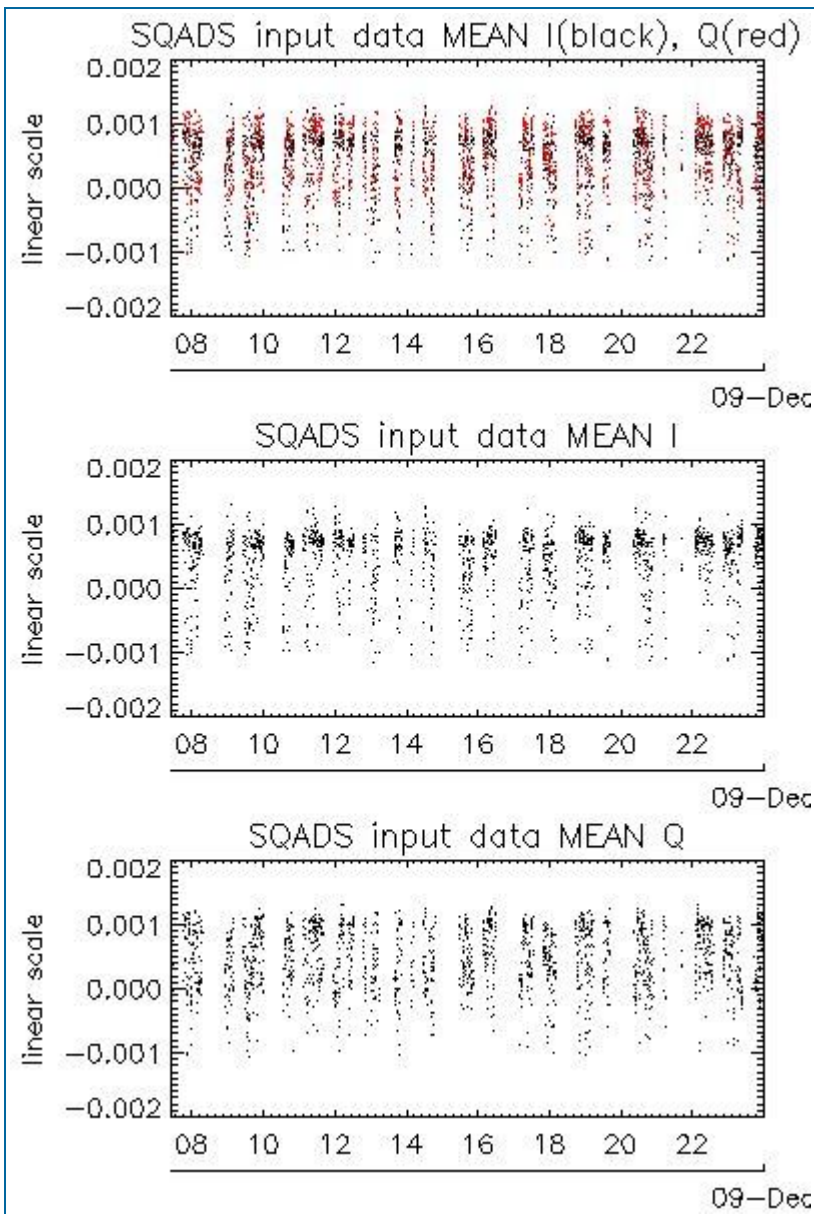
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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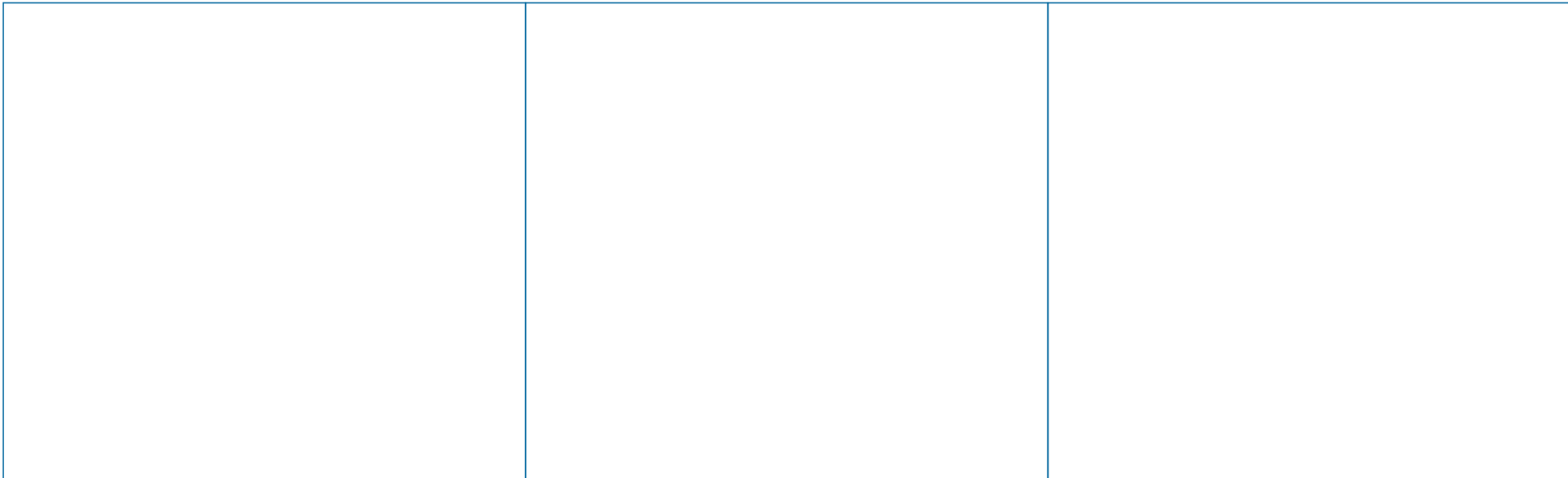


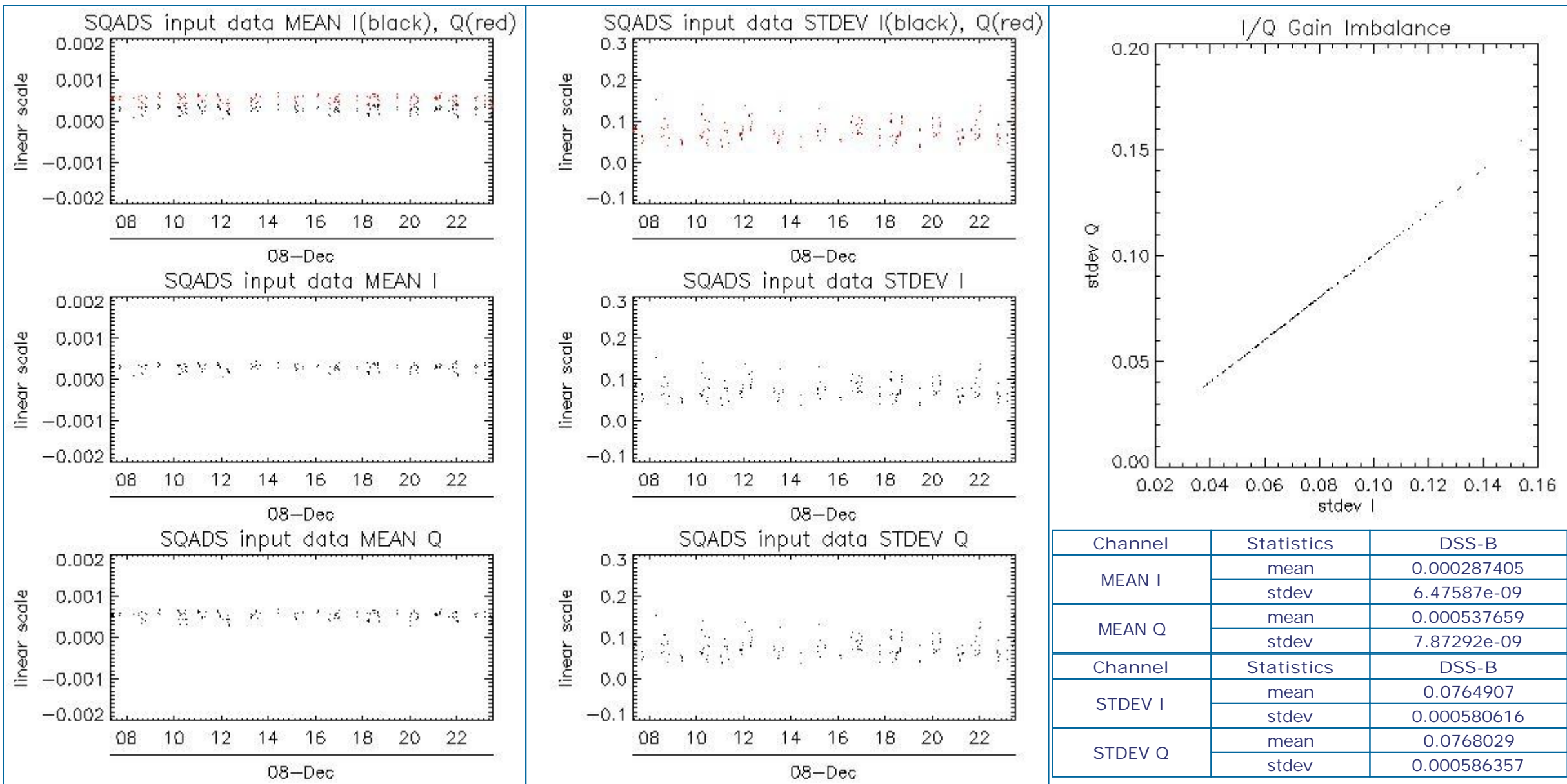


Channel	Statistics	DSS-B
MEAN I	mean	0.000452952
	stdev	2.46965e-07
MEAN Q	mean	0.000474049
	stdev	2.47740e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.129749
	stdev	0.00117420
STDEV Q	mean	0.130107
	stdev	0.00119056

7.2 - Analysis for IMM

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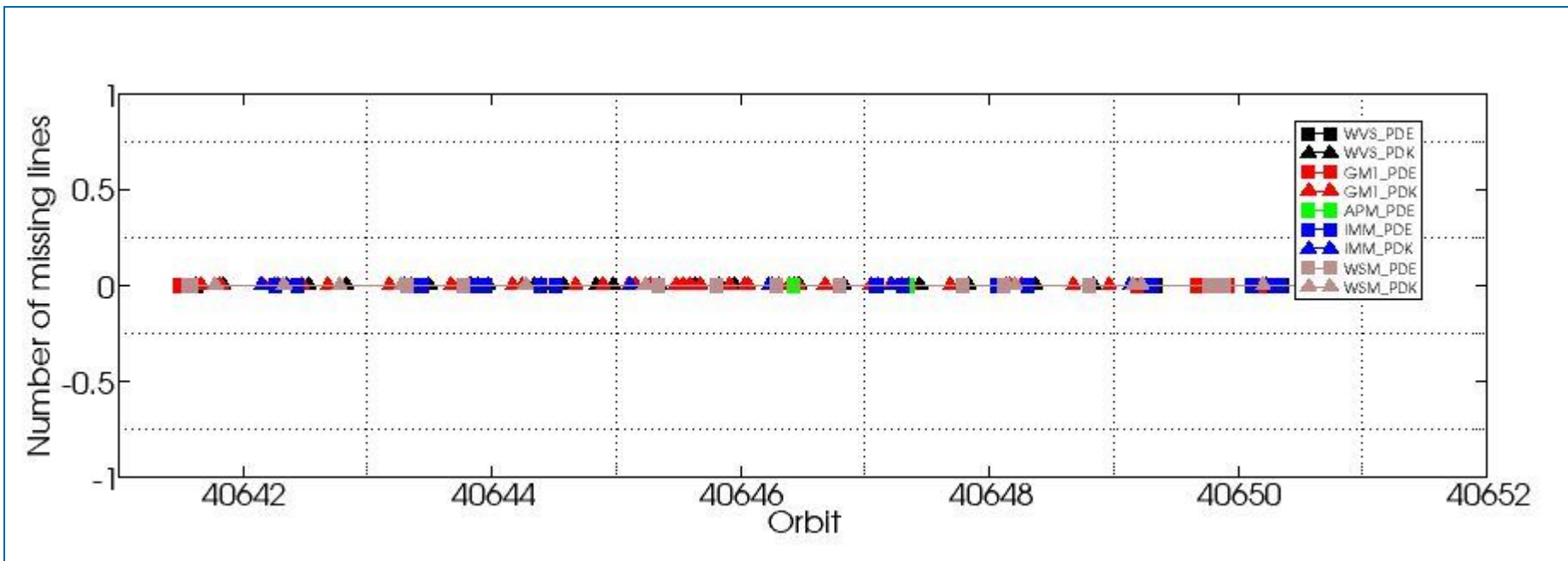
## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

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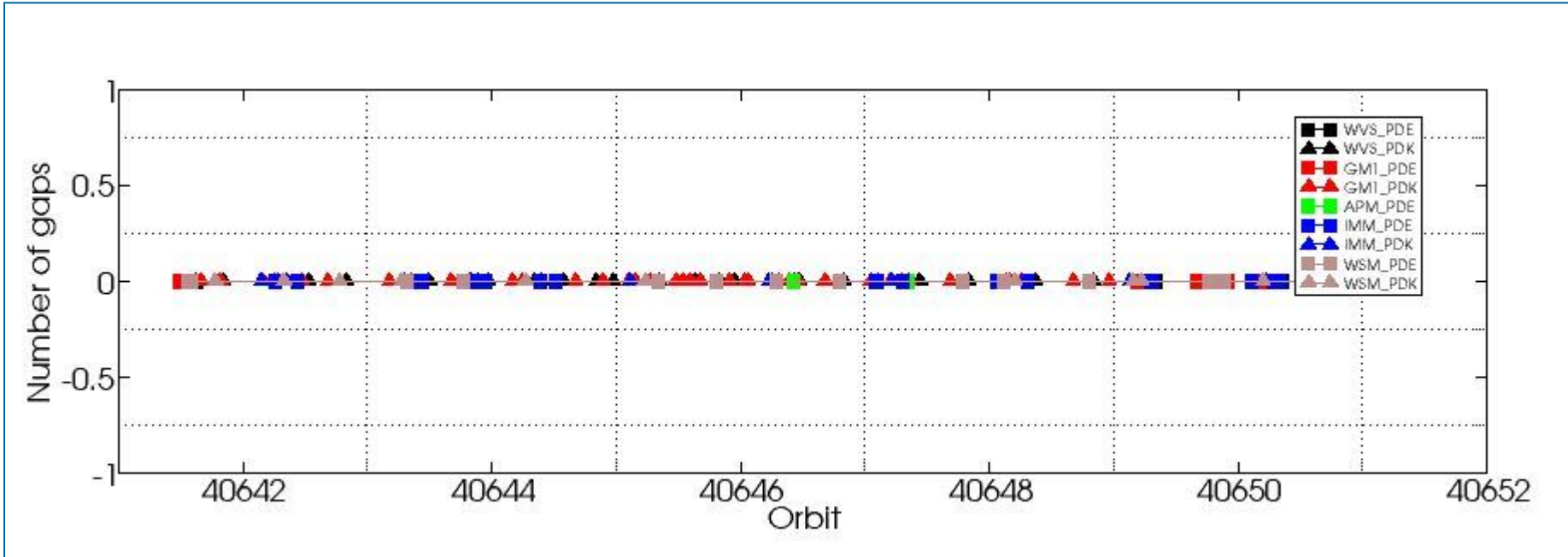






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 091208  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2009-12-08

Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091208/

DATA SUMMARY

#####  
Summary will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091208/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_091208/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_091208/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091208/AUXILIARY

Creating directory ./RESULTS/DAILY/\_091208/AUXILIARY...

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





ADF filter 20091208\*current\_3\_IECF\_ADFs.txt  
 Found list 20091208\_030002\_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/\_091208/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20091208_072459_000000152085_00006_40641_7864.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_202141_000019342085_00014_40649_7926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_211030_000002552085_00014_40649_7928.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_211415_000000302085_00014_40649_7938.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_214159_000000452085_00015_40650_7942.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_220400_000018292085_00015_40650_7944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_225131_000003152085_00015_40650_7945.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_225601_000008242085_00015_40650_7963.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_231420_000005842085_00016_40651_7962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091208_234428_000009892085_00016_40651_7960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_072459_000001952085_00006_40641_8937.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_074552_000018742085_00006_40641_8941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_085533_000008392085_00007_40642_8960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_092619_000020242085_00007_40642_8963.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_103304_000010342085_00008_40643_8982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_110704_000002102085_00008_40643_8984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_111259_000002542085_00008_40643_8983.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_112016_000011842085_00008_40643_8986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_115754_000002852085_00009_40644_8997.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_120410_000006292085_00009_40644_8998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_122143_000005552085_00009_40644_9000.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_124739_000003152085_00009_40644_9003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_130123_000007342085_00009_40644_9005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_133943_000007342085_00010_40645_9019.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_140827_000001802085_00010_40645_9021.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_142806_000003902085_00010_40645_9022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_143926_000004792085_00010_40645_9027.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_152900_000001042085_00011_40646_9040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_153306_000011392085_00011_40646_9042.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_160842_000012592085_00011_40646_9045.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_171007_000013492085_00012_40647_9060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_174918_000012892085_00012_40647_9063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_184347_000017692085_00013_40648_9078.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091208_192954_000007052085_00013_40648_9081.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_GM1.xls...  
 Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20091208_071113_000001262085_00006_40641_7858.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_071410_000002292085_00006_40641_7865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_200605_000002172085_00014_40649_7924.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_201153_000003022085_00014_40649_7925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_205436_000005792085_00014_40649_7927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_GM1_1PNPDE20091208_211903_000011362085_00014_40649_7939.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_214021_000000902085_00015_40650_7941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_214542_000001322085_00015_40650_7940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_215129_000002952085_00015_40650_7943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_223509_000005192085_00015_40650_7946.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_231306_000000662085_00016_40651_7964.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091208_233200_000007492085_00016_40651_7961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_072853_000006282085_00006_40641_8938.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_074413_000000902085_00006_40641_8939.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_081909_000006162085_00007_40642_8940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_082817_000000662085_00007_40642_8957.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_083055_000002712085_00007_40642_8958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_084955_000003382085_00007_40642_8959.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_091024_000005792085_00007_40642_8961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_100043_000005862085_00008_40643_8962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_101928_000000662085_00008_40643_8980.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_105100_000005732085_00008_40643_8981.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_110516_000001022085_00008_40643_8985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_114041_000005732085_00009_40644_8987.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_114908_000001022085_00009_40644_8999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_123135_000009612085_00009_40644_9001.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_125342_000004592085_00009_40644_9002.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_131429_000000842085_00010_40645_9004.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_132004_000004532085_00010_40645_9006.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_133258_000003022085_00010_40645_9016.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_135234_000002592085_00010_40645_9017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_135822_000003682085_00010_40645_9018.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_140436_000002292085_00010_40645_9020.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_141211_000007732085_00010_40645_9023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_143526_000002352085_00010_40645_9024.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_144817_000000902085_00011_40646_9025.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_145132_000009612085_00011_40646_9026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_151549_000003802085_00011_40646_9038.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_152348_000002652085_00011_40646_9039.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_153128_000000902085_00011_40646_9041.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_155247_000007552085_00011_40646_9043.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_163032_000002172085_00012_40647_9044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_163701_000006282085_00012_40647_9046.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_164623_000001022085_00012_40647_9057.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_165551_000000662085_00012_40647_9058.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_170131_000005132085_00012_40647_9059.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_173441_000005862085_00012_40647_9061.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_181959_000002892085_00013_40648_9062.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_182333_000001812085_00013_40648_9075.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_183210_000002892085_00013_40648_9076.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_191359_000007372085_00013_40648_9079.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091208_194226_000008042085_00013_40648_9080.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20091208_152810_00000402085_00011_40646_7912.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091208_170030_00000422085_00012_40647_7916.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20091208_070822_000001592085_00006_40641_7854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_IMM_1PNPDE20091208_071320_000000372085_00006_40641_7855.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_082925_000000832085_00007_40642_7872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_084619_000002052085_00007_40642_7873.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_102135_000000372085_00008_40643_7879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_102707_000003522085_00008_40643_7881.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_111112_000001022085_00008_40643_7893.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_111757_000001312085_00008_40643_7894.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_120311_000000532085_00009_40644_7891.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_121521_000003762085_00009_40644_7895.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_163407_000000372085_00012_40647_7923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_163518_000000922085_00012_40647_7922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_165704_000001462085_00012_40647_7915.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_181211_000000542085_00013_40648_7917.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_181311_000002312085_00013_40648_7918.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_183656_000004052085_00013_40648_7921.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_201655_000000452085_00014_40649_7935.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_201824_000001912085_00014_40649_7936.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_213847_000000422085_00015_40650_7953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_215625_000002882085_00015_40650_7954.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_220200_000001142085_00015_40650_7955.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_231123_000000932085_00016_40651_7956.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091208_232702_000002852085_00016_40651_7971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_081749_000000542085_00007_40642_8948.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_083820_000001092085_00007_40642_8950.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_101321_000000922085_00008_40643_8970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_131558_000002332085_00010_40645_9013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_150731_000001822085_00011_40646_9029.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_151119_000000922085_00011_40646_9033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_164808_000003462085_00012_40647_9052.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_195942_000001232085_00014_40649_9082.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091208_214957_000000822085_00015_40650_9095.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_091208/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20091208_071808_000001772085_00006_40641_7857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_072131_000002082085_00006_40641_7862.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_101533_000001472085_00008_40643_7878.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_110042_000002692085_00008_40643_7892.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_133804_000000982085_00010_40645_7907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_142509_000001282085_00010_40645_7909.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_151355_000001162085_00011_40646_7910.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_160526_000001412085_00011_40646_7906.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_174431_000002452085_00012_40647_7913.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_181827_000000922085_00013_40648_7919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_192624_000001532085_00013_40648_7920.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_210422_000003552085_00014_40649_7934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_211529_000002082085_00014_40649_7937.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_224352_000004592085_00015_40650_7952.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091208_232446_000001282085_00016_40651_7967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_073958_000002452085_00006_40641_8947.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_083534_000001282085_00007_40642_8949.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_092007_000003062085_00007_40642_8971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_101036_000001652085_00008_40643_8969.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_115058_000004162085_00009_40644_8994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_132742_000003062085_00010_40645_9012.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_182640_000003242085_00013_40648_9069.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_200212_000002262085_00014_40649_9089.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_200951_000001162085_00014_40649_9090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091208_214805_000000982085_00015_40650_9094.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

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MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091208/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_091208/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_091208/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_091208/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/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
Test product: ASA\_MS\_0PNPDK20091208\_173321\_000000162085\_00012\_40647\_0933.N1  
H  
H  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20091208\_173321-20050922\_062651.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20091208\_173321-20050922\_062651.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20091208\_173321-20050922\_062651.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20091208\_173321-20050922\_062651.png

Polarization: V  
Reference product: ASA\_MS\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
Test product: ASA\_MS\_0PNPDK20091207\_180458\_000000162084\_00499\_40633\_0932.N1  
V  
V  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20091207\_180458-20050923\_055514.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20091207\_180458-20050923\_055514.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20091207\_180458-20050923\_055514.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20091207\_180458-20050923\_055514.png

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

Exporting results to the directory ../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_0PNPDK20091206\_183635\_000000162084\_00485\_40619\_0931.N1  
Test product: ASA\_MS\_0PNPDK20091208\_173321\_000000162085\_00012\_40647\_0933.N1  
H  
H  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20091208\_173321-20091206\_183635.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20091208\_173321-20091206\_183635.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20091208\_173321-20091206\_183635.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20091208\_173321-20091206\_183635.png

Polarization: V  
Reference product: ASA\_MS\_0PNPDE20091205\_204848\_000000162084\_00472\_40606\_0481.N1  
Test product: ASA\_MS\_0PNPDK20091207\_180458\_000000162084\_00499\_40633\_0932.N1  
V  
V  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20091207\_180458-20091205\_204848.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20091207\_180458-20091205\_204848.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20091207\_180458-20091205\_204848.png  
../../RESULTS/DAILY/\_091208/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20091207\_180458-20091205\_204848.png





MODULE STEPPING ANALYSIS completed  
 #####

CALIBRATION PULSES ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES...

\*\*\*\*\*  
 \*\*\*\*\*  
 ALL ROWS Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Analysing products WVS IS2 V/V  
 Writing image ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
 Analysing products GM1 SS3 H/H  
 Writing image ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 TEMPORAL EVOLUTION Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Analysing products WVS IS2 V/V  
 Getting calibration pulses data for WVS IS2 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-08\_1.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-08\_2.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-08\_3.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-12-08\_4.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_091208//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 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-08\_1.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-08\_2.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-08\_3.dat...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-08 00:00:00 to 2009-12-08 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_091208/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-12-08\_4.dat...  
Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_091208//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_091208/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-12-08.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091208/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-12-08.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091208/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-12-08.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_091208/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_091208/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 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 = -3.8545211 Hz  
Writing file ../../RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = 13.599112 Hz  
Writing file ../../RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...



Writing file ../.././RESULTS/DAILY/\_091208//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 = 38.350126 Hz

Writing file ../.././RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../.././RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = 2.6996751 Hz

Writing file ../.././RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../.././RESULTS/DAILY/\_091208//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_091208/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 H/H from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...

Writing file ./RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2009-12-08.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../.././RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...

Writing file ./RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2009-12-08.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../.././RESULTS/DAILY/\_091208/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_091208/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_091208/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_WVS\_2009-12-08.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2009-12-08 00:00:00 to 2009-12-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_IMM\_2009-12-08.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_091208/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS  
#####  
Analysis will be performed from 2009-12-08 00:00:00 to 2009-12-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_091208/TELEMETRY

Creating directory ./RESULTS/DAILY/\_091208/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 10 products from PDE...  
Checking 24 products from PDK...

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 12 products from PDE...  
Checking 40 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 2 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 21 products from PDE...  
Checking 9 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 15 products from PDE...  
Checking 10 products from PDK...

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_091208/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_091208/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####



BROWSE PRODUCTS ANALYSIS

#####  
Analysis will be performed on 2009-12-08

\*\*\*\*\*  
Scanning directory /nfs-store/ASAR\_Data//ASA\_GM\_BP...  
Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_GM\_BP/JPG/20091208/

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/20091208/

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/20091208/

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/20091208/

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

BROWSE PRODUCTS ANALYSIS completed  
#####

HTML REPORT generation  
#####

- Building file ./RESULTS/DAILY/\_091208/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_1PNPDE20091208_152810_000000402085_00011_40646_7912.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091208_170030_000000422085_00012_40647_7916.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_1PNPDE20091208_071113_000001262085_00006_40641_7858.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_071410_000002292085_00006_40641_7865.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_200605_000002172085_00014_40649_7924.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_201153_000003022085_00014_40649_7925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_205436_000005792085_00014_40649_7927.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_211903_000011362085_00014_40649_7939.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_214021_00000902085_00015_40650_7941.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_214542_000001322085_00015_40650_7940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_215129_000002952085_00015_40650_7943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_223509_000005192085_00015_40650_7946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_231306_00000662085_00016_40651_7964.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091208_233200_000007492085_00016_40651_7961.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_072853_000006282085_00006_40641_8938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_074413_00000902085_00006_40641_8939.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_081909_000006162085_00007_40642_8940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_082817_00000662085_00007_40642_8957.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_083055_000002712085_00007_40642_8958.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_084955_000003382085_00007_40642_8959.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_091024_000005792085_00007_40642_8961.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_100043_000005862085_00008_40643_8962.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_101928_00000662085_00008_40643_8980.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_105100_000005732085_00008_40643_8981.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_110516_000001022085_00008_40643_8985.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_114041_000005732085_00009_40644_8987.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_114908_000001022085_00009_40644_8999.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_123135_000009612085_00009_40644_9001.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_125342_000004592085_00009_40644_9002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_131429_00000842085_00010_40645_9004.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_132004_000004532085_00010_40645_9006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_133258_000003022085_00010_40645_9016.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_135234_000002592085_00010_40645_9017.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_135822_000003682085_00010_40645_9018.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_140436_000002292085_00010_40645_9020.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_141211_000007732085_00010_40645_9023.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_143526_000002352085_00010_40645_9024.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_144817_00000902085_00011_40646_9025.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_145132_000009612085_00011_40646_9026.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_151549_000003802085_00011_40646_9038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_152348_000002652085_00011_40646_9039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_153128_00000902085_00011_40646_9041.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091208_163032_000002172085_00012_40647_9044.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_163701_000006282085_00012_40647_9046.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_164623_000001022085_00012_40647_9057.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_165551_00000662085_00012_40647_9058.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_170131_000005132085_00012_40647_9059.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_173441_000005862085_00012_40647_9061.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_181959_000002892085_00013_40648_9062.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091208_183210_000002892085_00013_40648_9076.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_191359_000007372085_00013_40648_9079.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091208_194226_000008042085_00013_40648_9080.N1					OK	OK	OK	OK



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_IMM_1PNPDE20091208_071320_000000372085_00006_40641_7855.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_082925_000000832085_00007_40642_7872.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_084619_000002052085_00007_40642_7873.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_102135_000000372085_00008_40643_7879.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_102707_000003522085_00008_40643_7881.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_111112_000001022085_00008_40643_7893.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_111757_000001312085_00008_40643_7894.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_120311_000000532085_00009_40644_7891.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_121521_000003762085_00009_40644_7895.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_163407_000000372085_00012_40647_7923.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_163518_000000922085_00012_40647_7922.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_165704_000001462085_00012_40647_7915.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_181211_000000542085_00013_40648_7917.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_181311_000002312085_00013_40648_7918.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_183656_000004052085_00013_40648_7921.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_201655_000000452085_00014_40649_7935.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_201824_000001912085_00014_40649_7936.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_213847_000000422085_00015_40650_7953.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_215625_000002882085_00015_40650_7954.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_220200_000001142085_00015_40650_7955.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_231123_000000932085_00016_40651_7956.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20091208_232702_000002852085_00016_40651_7971.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_081749_000000542085_00007_40642_8948.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_083820_000001092085_00007_40642_8950.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_101321_000000922085_00008_40643_8970.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_131558_000002332085_00010_40645_9013.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_150731_000001822085_00011_40646_9029.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_151119_000000922085_00011_40646_9033.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_164808_000003462085_00012_40647_9052.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20091208_195942_000001232085_00014_40649_9082.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.

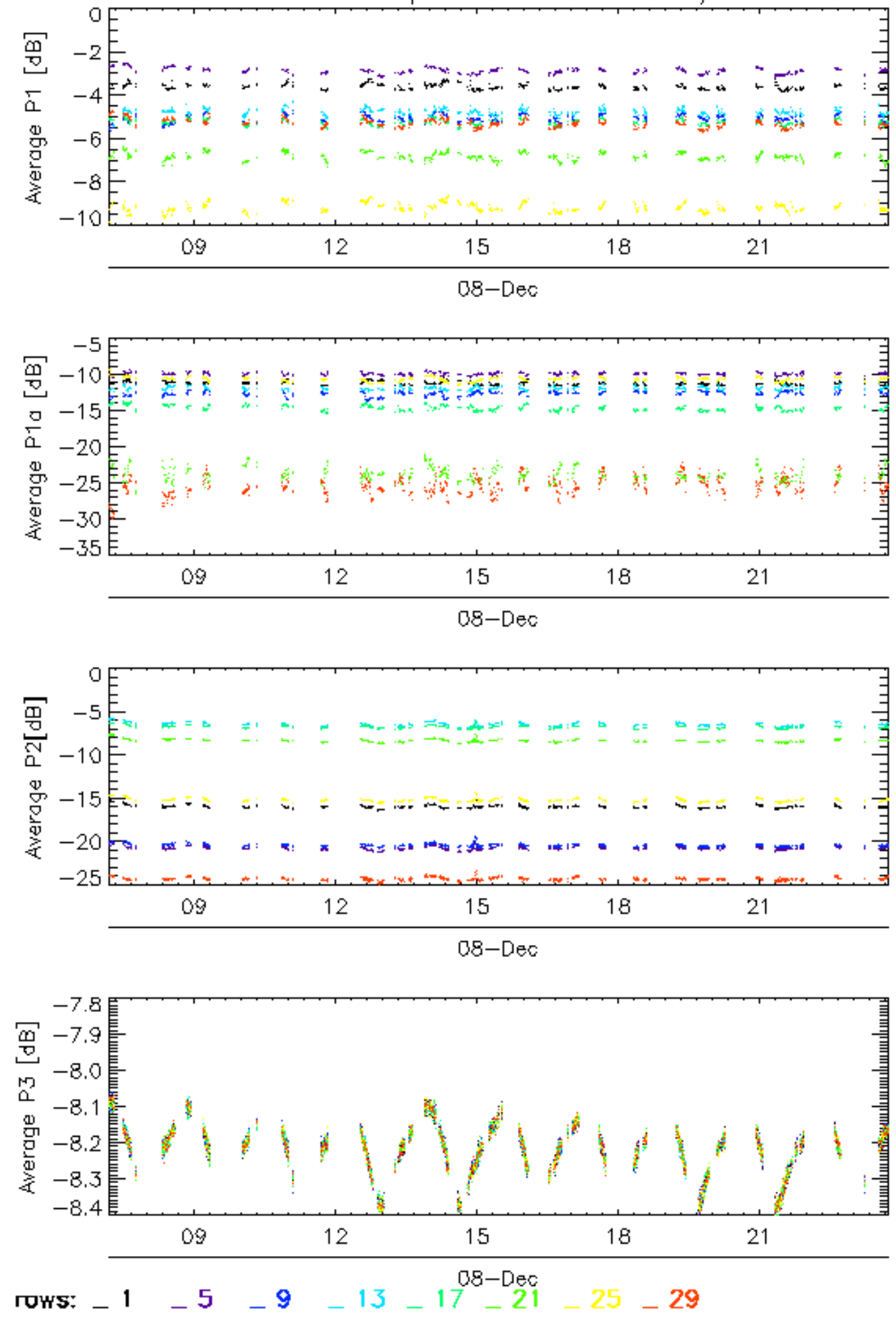
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ASA_WSM_1PNPDE20091208_110042_000002692085_00008_40643_7892.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_133804_000000982085_00010_40645_7907.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_142509_000001282085_00010_40645_7909.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_151355_000001162085_00011_40646_7910.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_160526_000001412085_00011_40646_7906.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_174431_000002452085_00012_40647_7913.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_181827_000000922085_00013_40648_7919.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_192624_000001532085_00013_40648_7920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_210422_000003552085_00014_40649_7934.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091208_224352_000004592085_00015_40650_7952.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091208_232446_000001282085_00016_40651_7967.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_073958_000002452085_00006_40641_8947.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_083534_000001282085_00007_40642_8949.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20091208_132742_000003062085_00010_40645_9012.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_182640_000003242085_00013_40648_9069.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_200212_000002262085_00014_40649_9089.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_200951_000001162085_00014_40649_9090.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091208_214805_000000982085_00015_40650_9094.N1					OK	OK	OK	OK

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

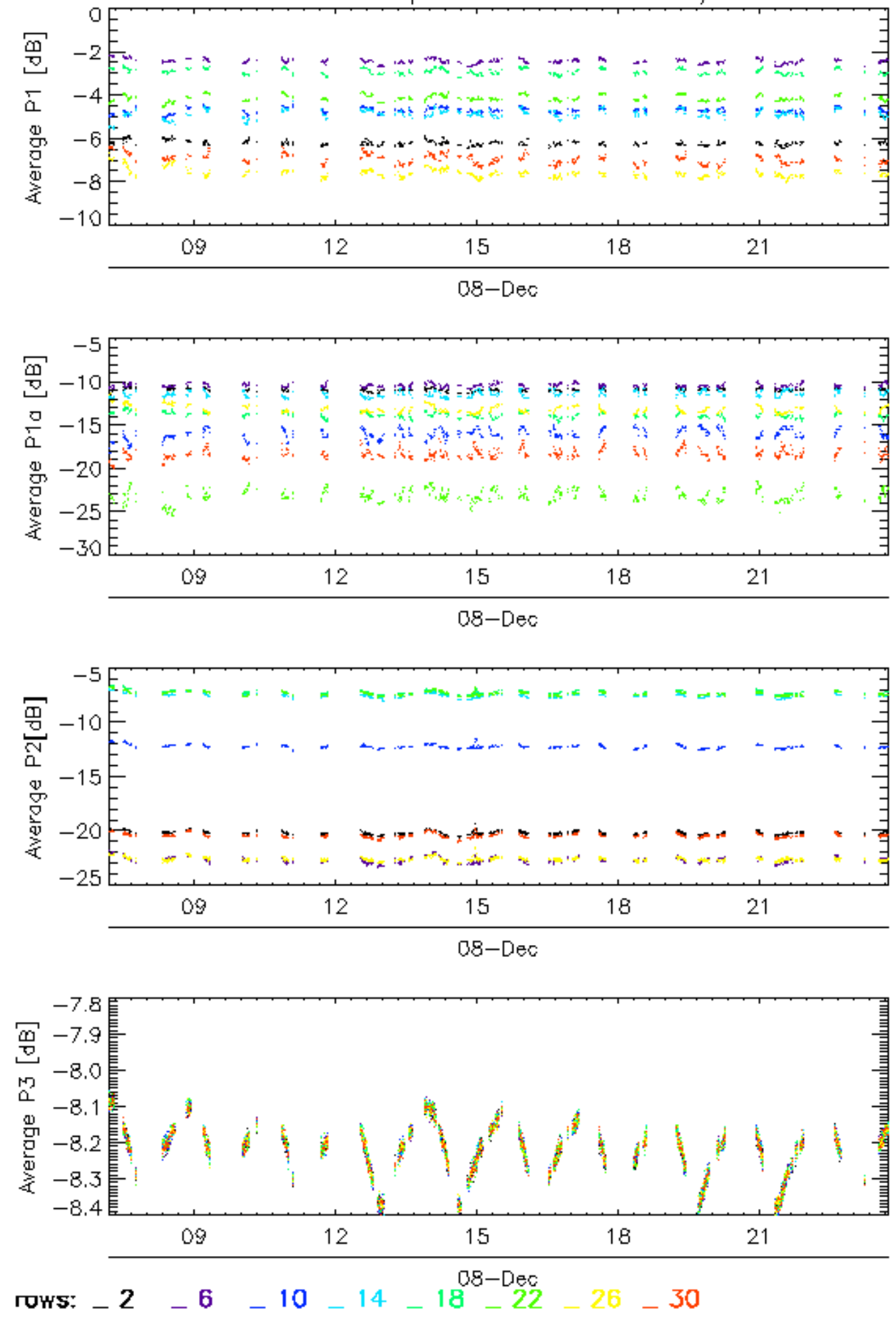
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ASA_WVS_1PNPDE20091208_211415_000000302085_00014_40649_7938.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091208_214159_000000452085_00015_40650_7942.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091208_220400_000018292085_00015_40650_7944.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091208_225131_000003152085_00015_40650_7945.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091208_225601_000008242085_00015_40650_7963.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20091208_234428_000009892085_00016_40651_7960.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_072459_000001952085_00006_40641_8937.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_074552_000018742085_00006_40641_8941.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_085533_000008392085_00007_40642_8960.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091208_103304_000010342085_00008_40643_8982.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_110704_000002102085_00008_40643_8984.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_111259_000002542085_00008_40643_8983.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20091208_160842_000012592085_00011_40646_9045.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_171007_000013492085_00012_40647_9060.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091208_174918_000012892085_00012_40647_9063.N1					OK	OK	OK	OK
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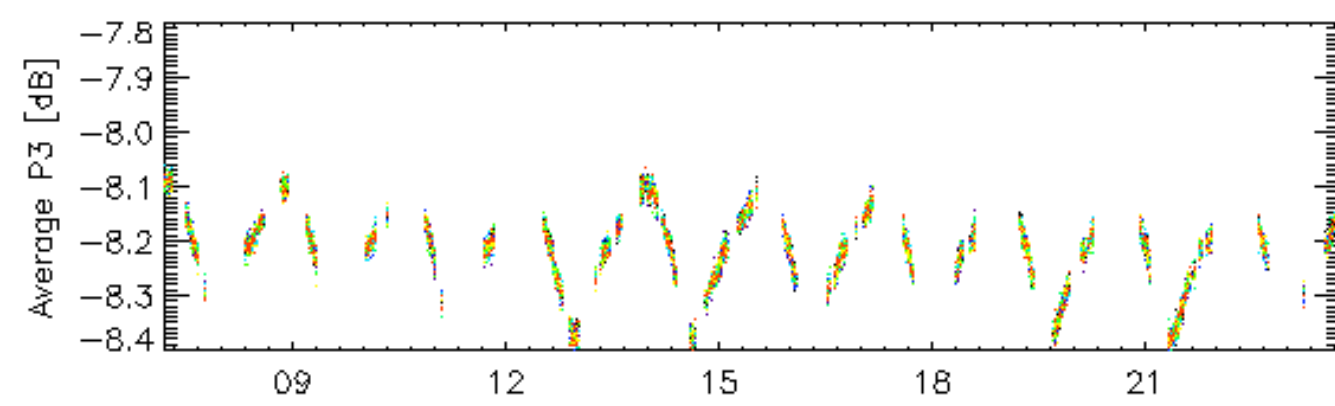
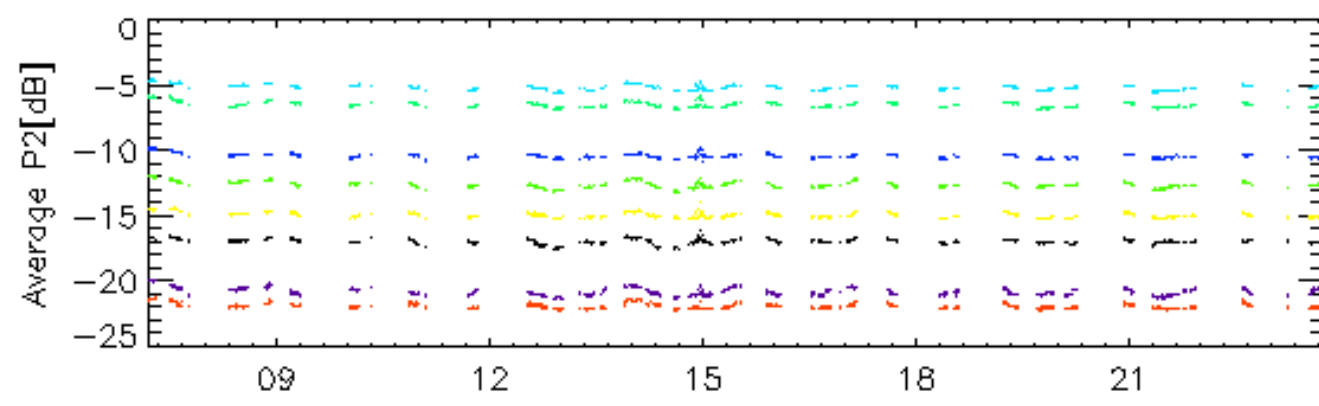
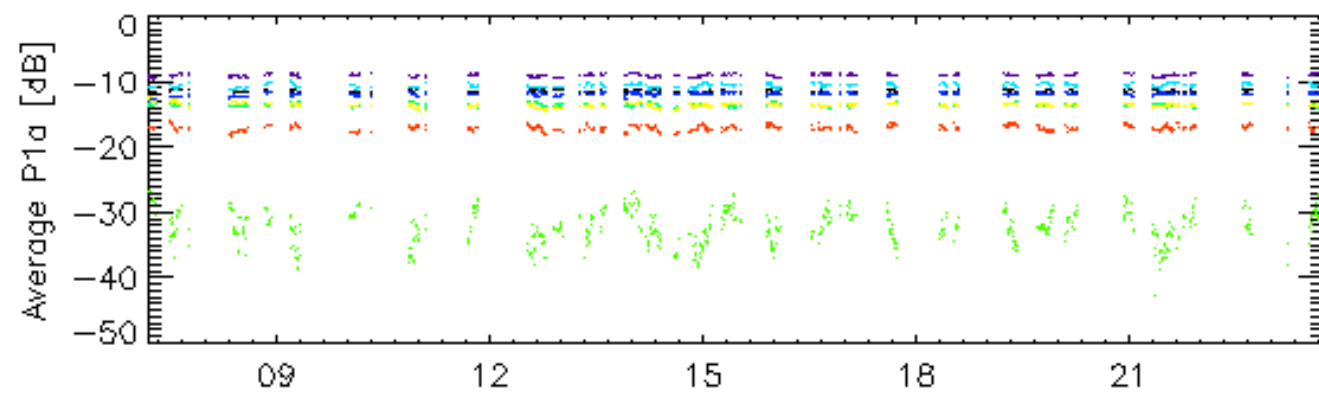
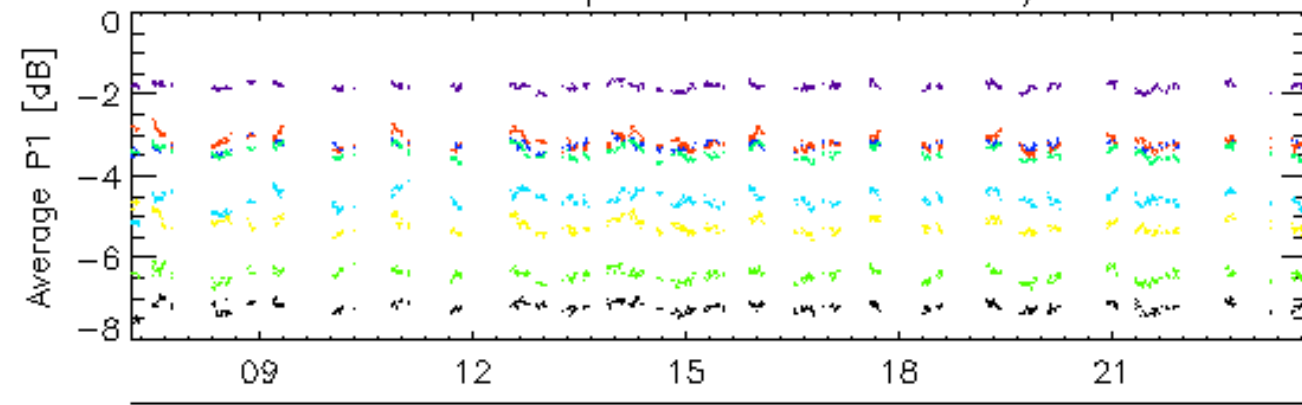
### Calibration pulses for GM1 SS3 H/H



Calibration pulses for GM1 SS3 H/H



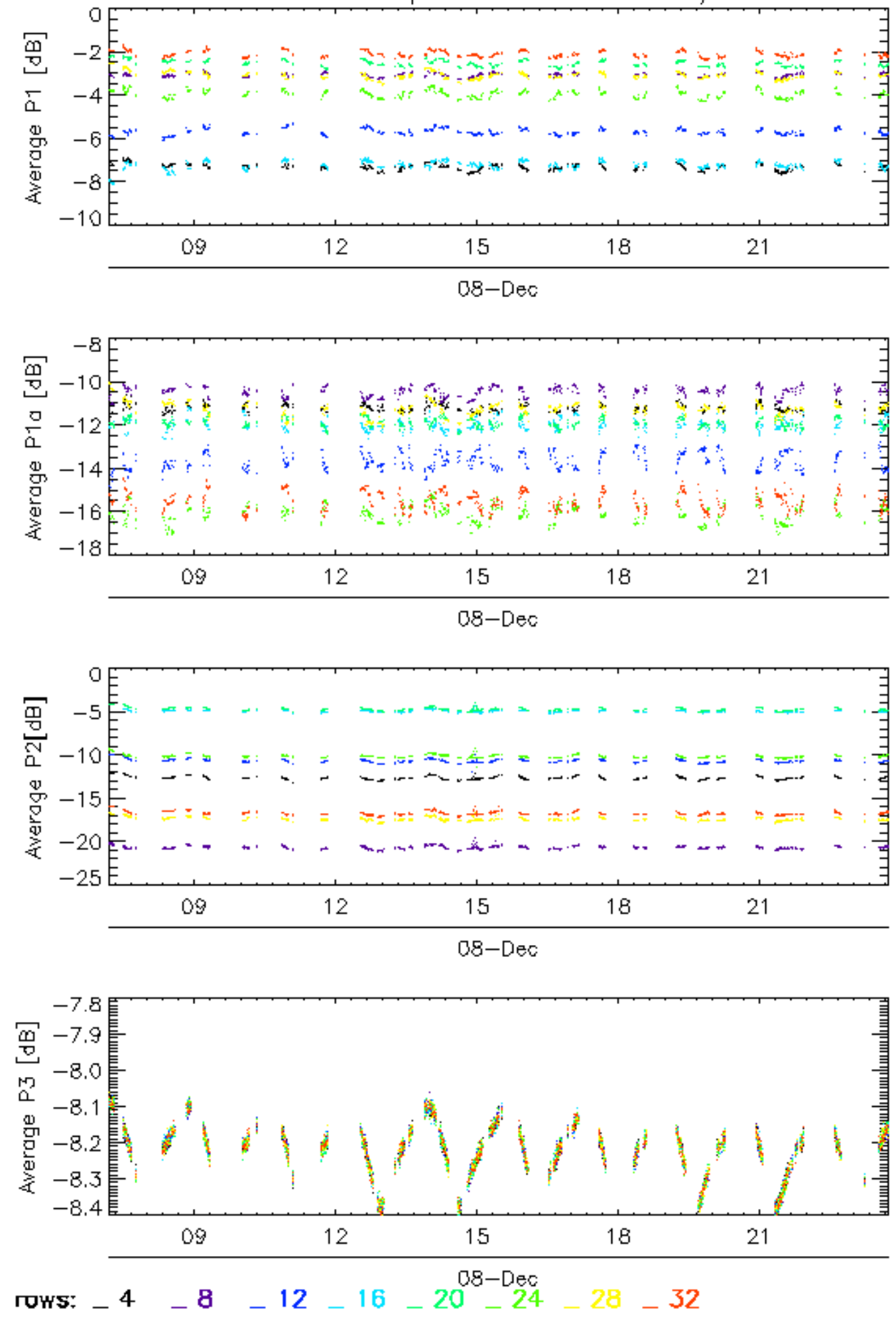
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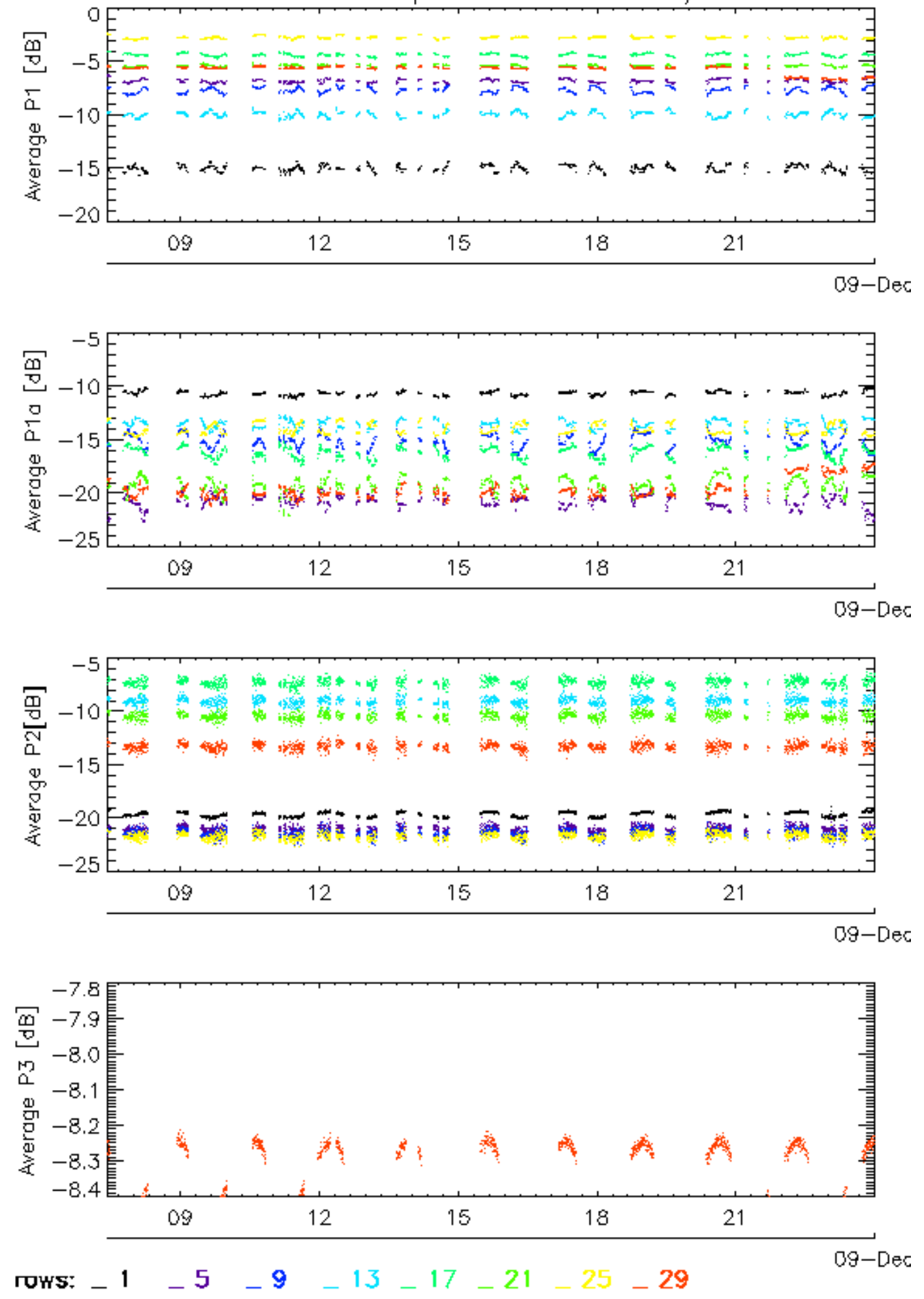
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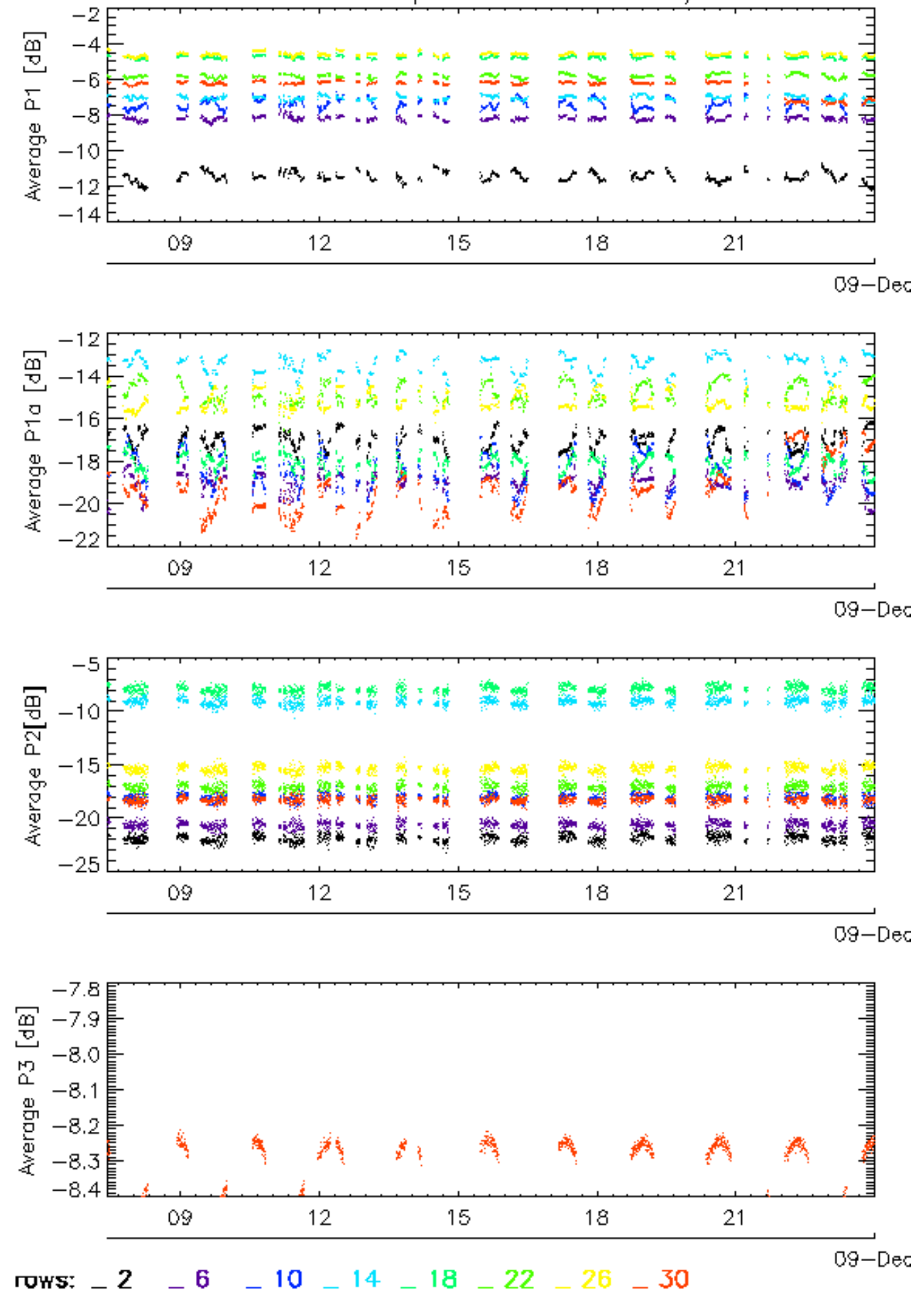
### Calibration pulses for GM1 SS3 H/H



### Calibration pulses for WVS IS2 V/V

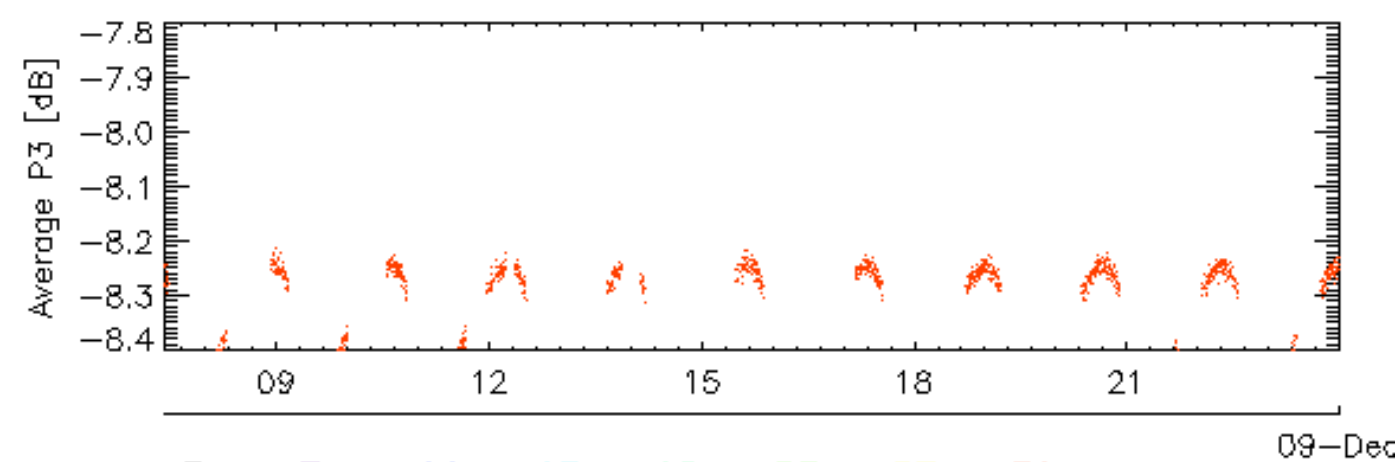
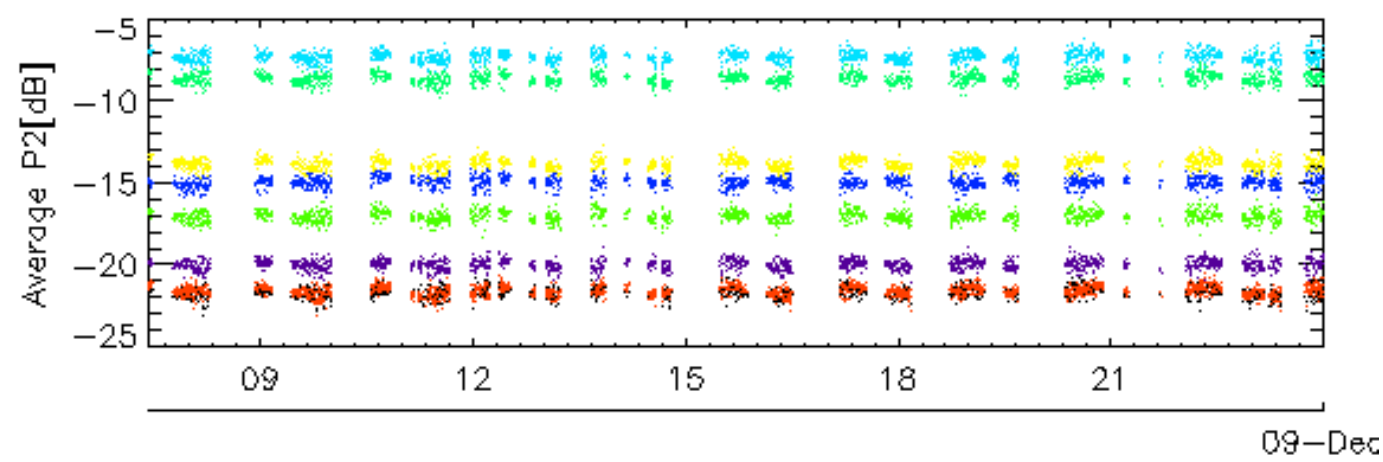
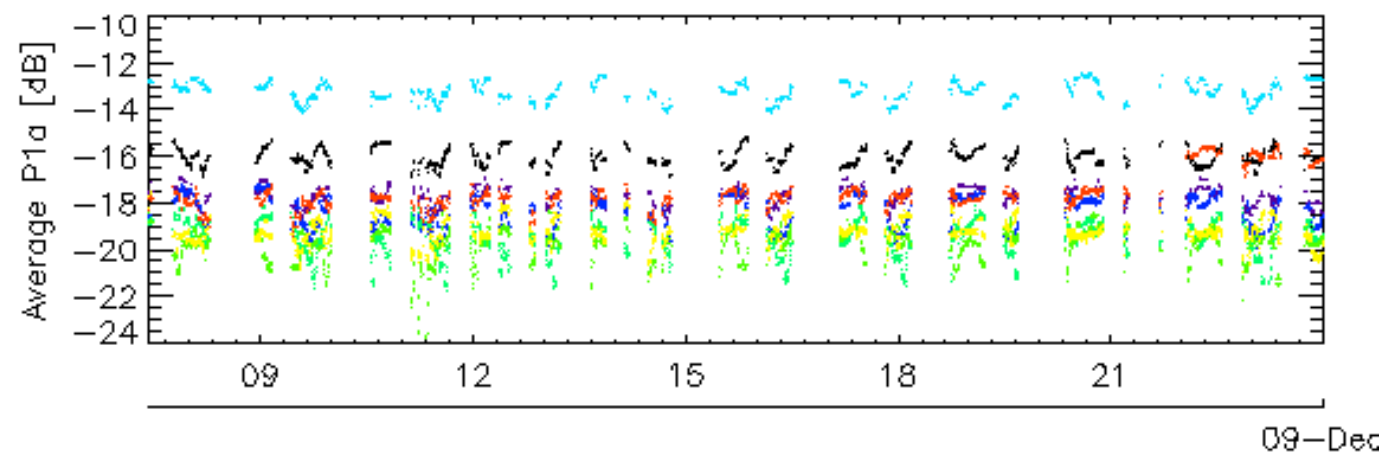
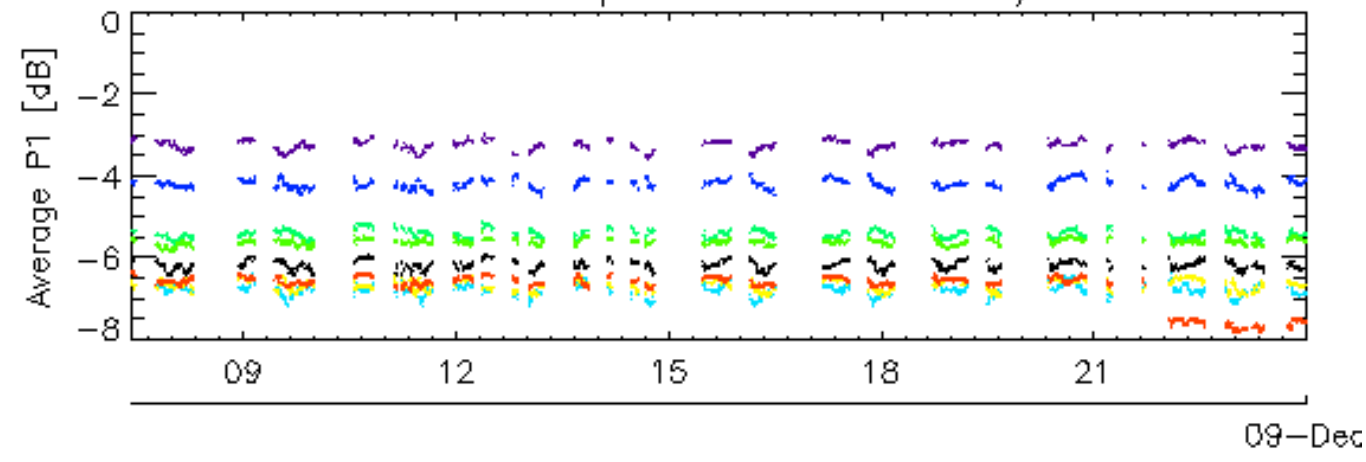


### Calibration pulses for WVS IS2 V/V



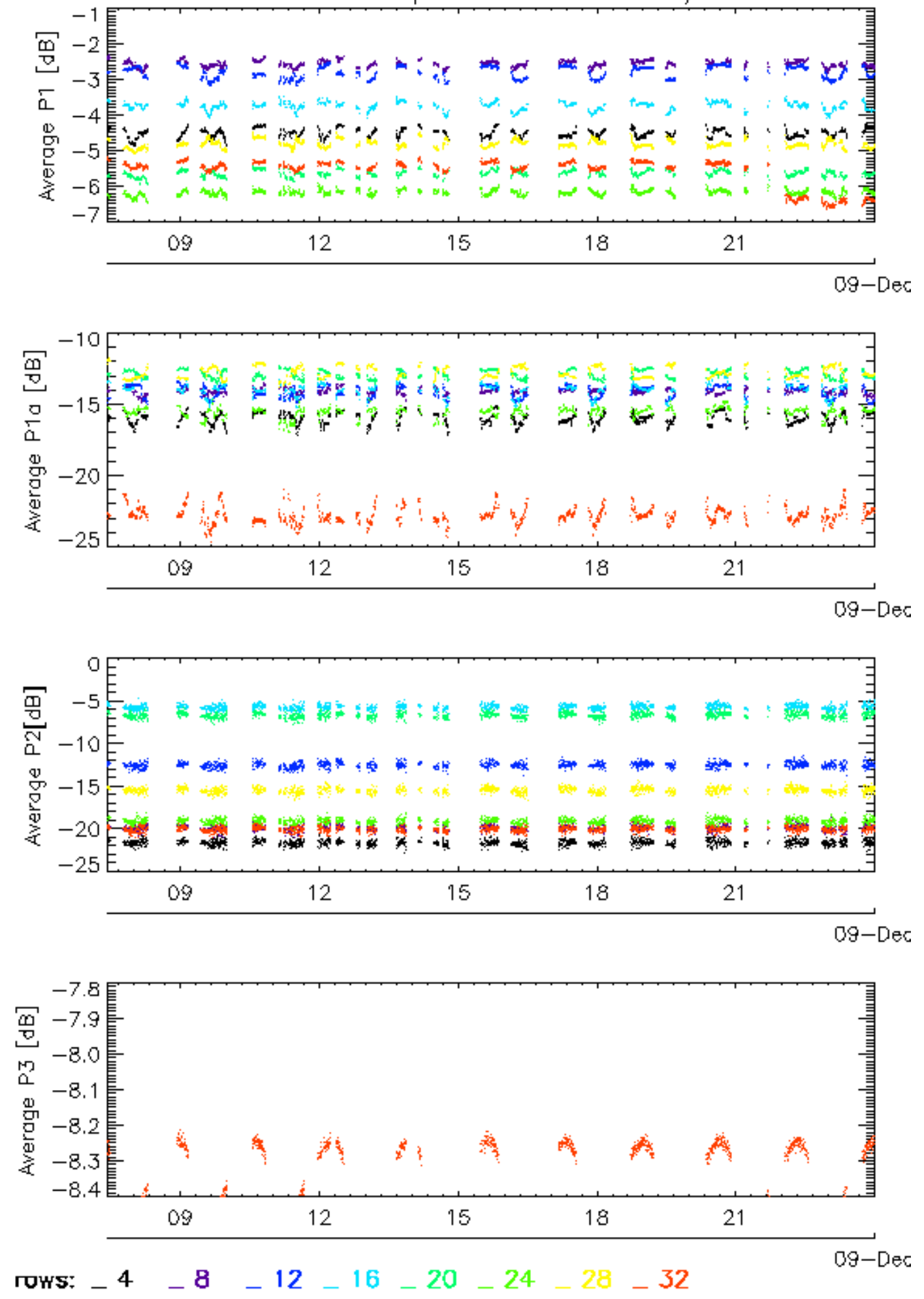


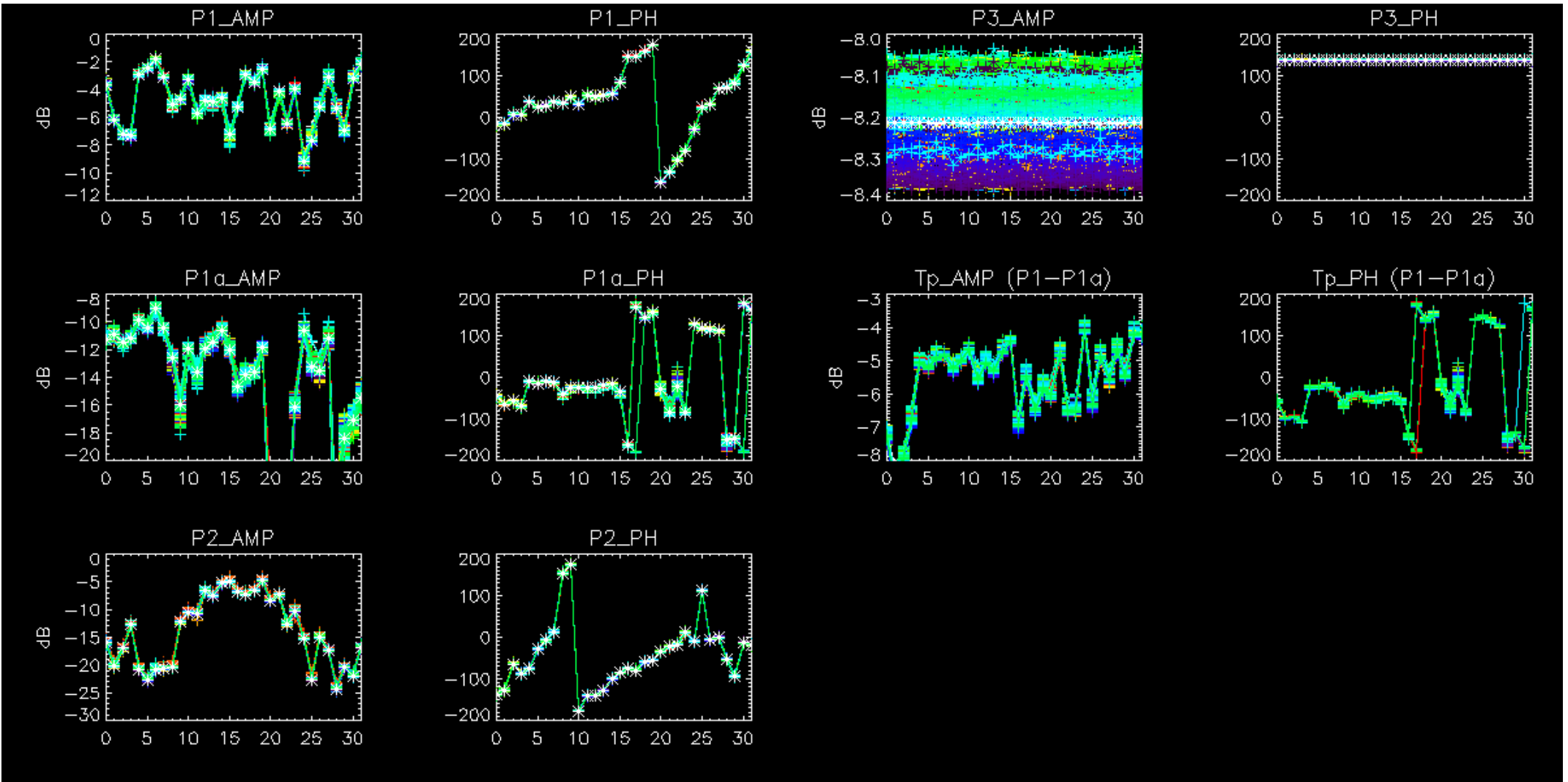
Calibration pulses for WVS IS2 V/V



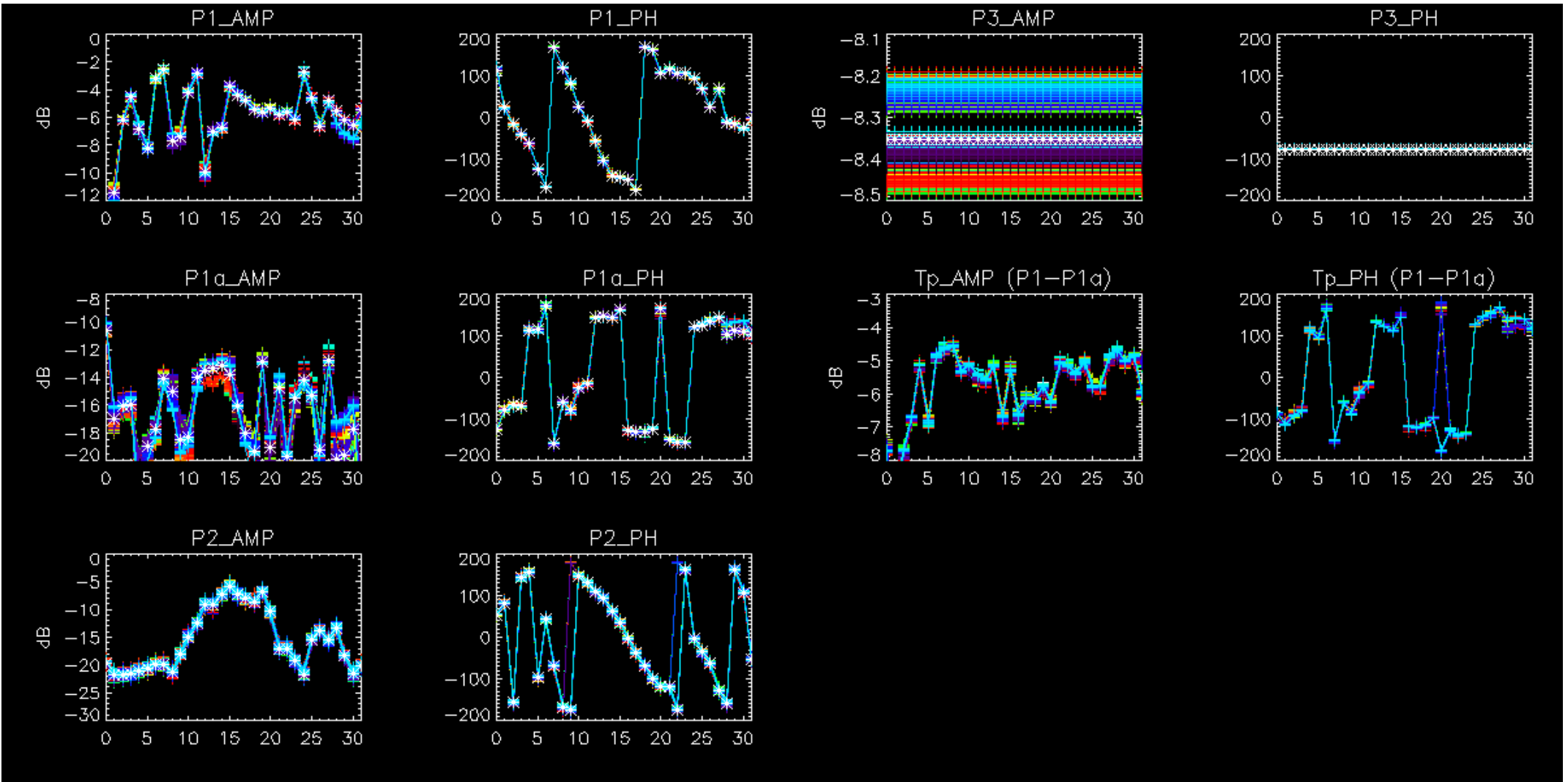
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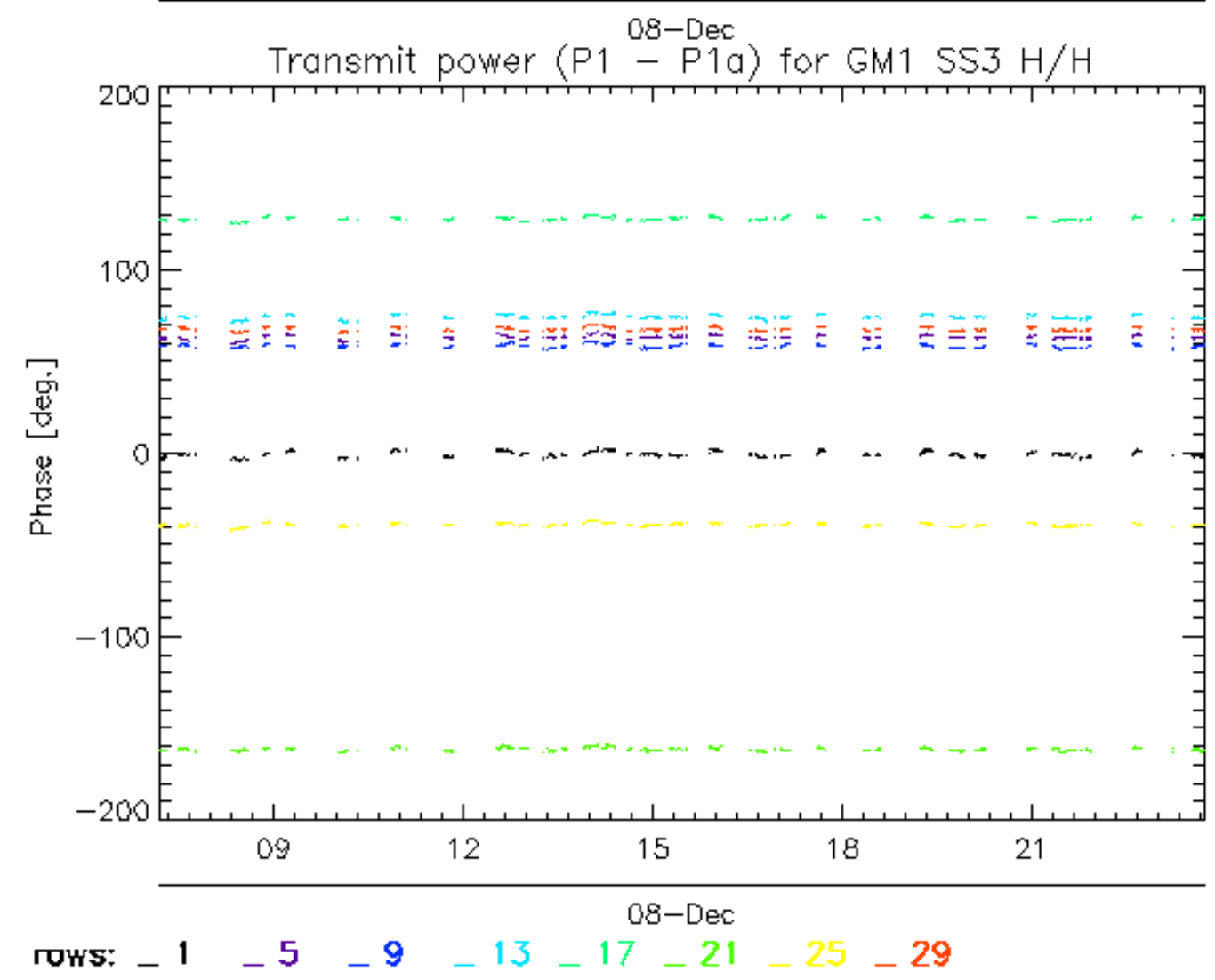
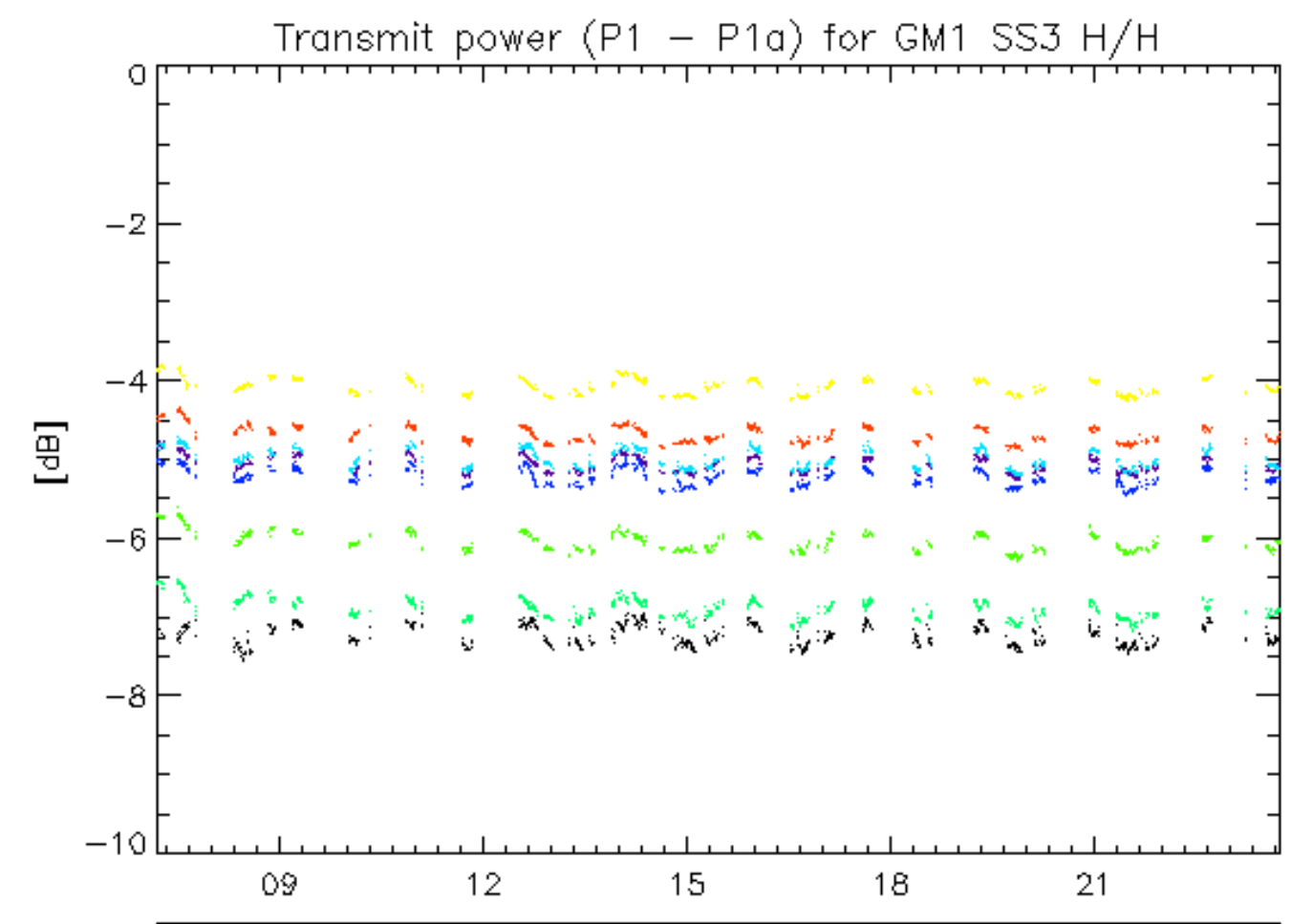
### Calibration pulses for WVS IS2 V/V

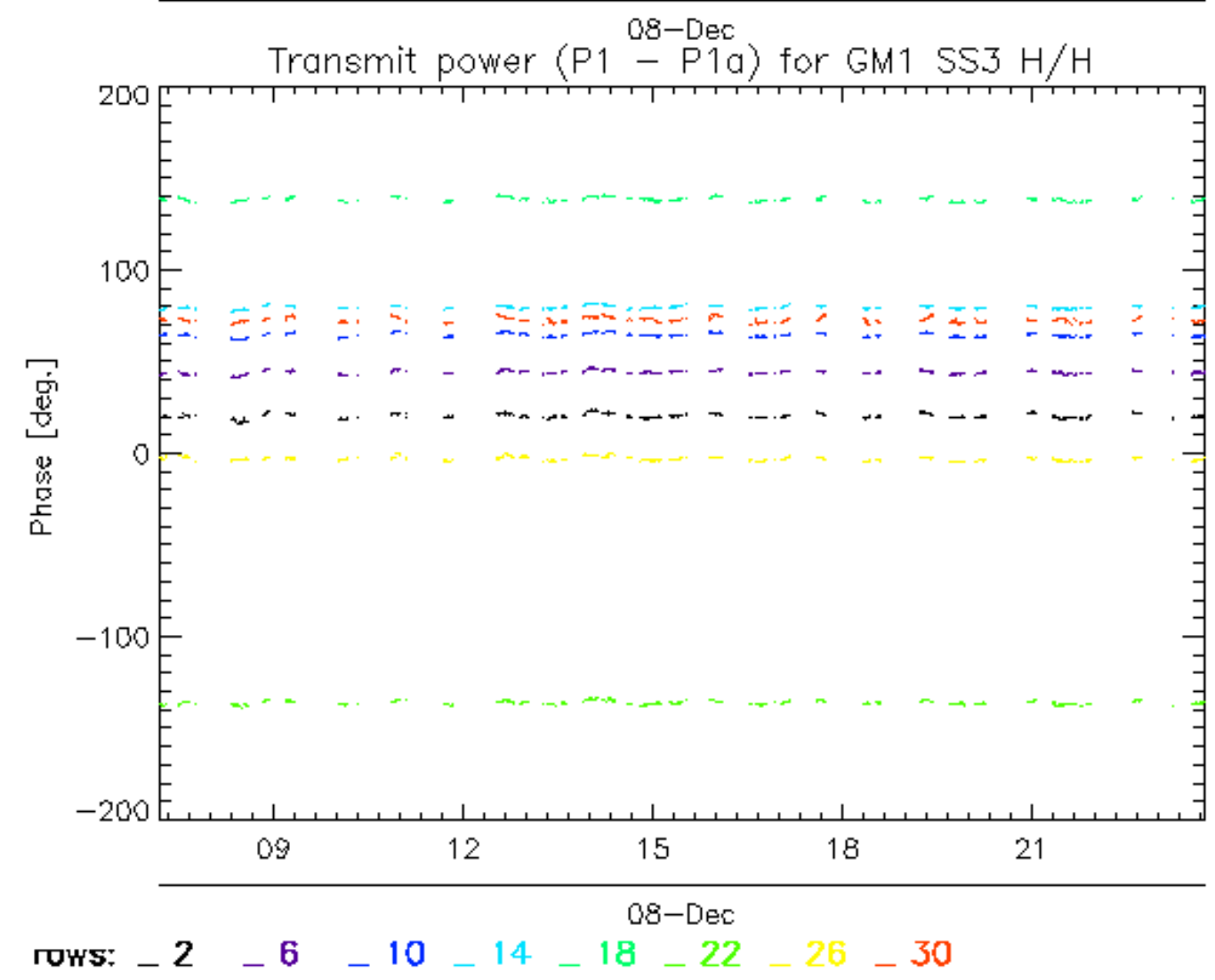
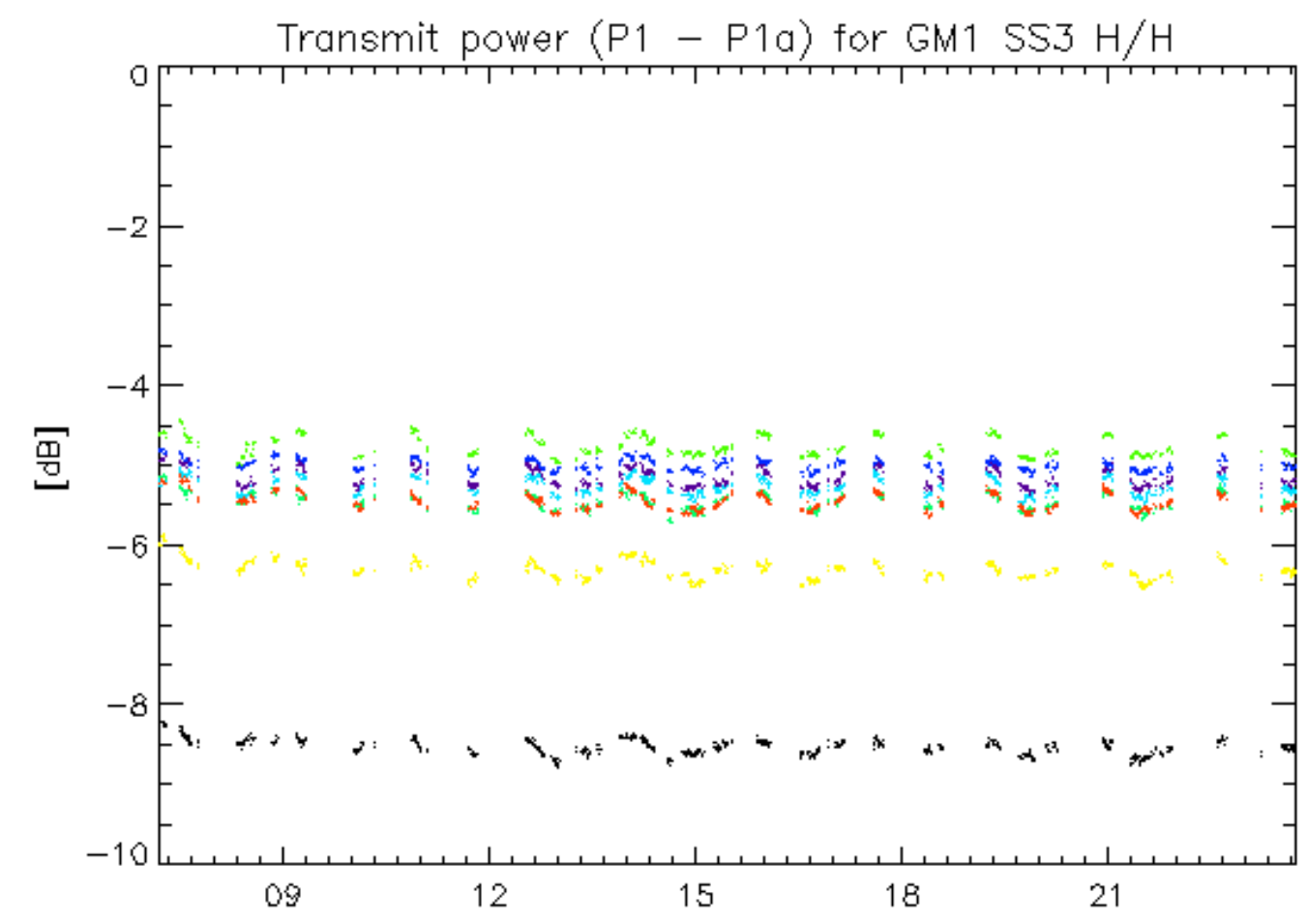




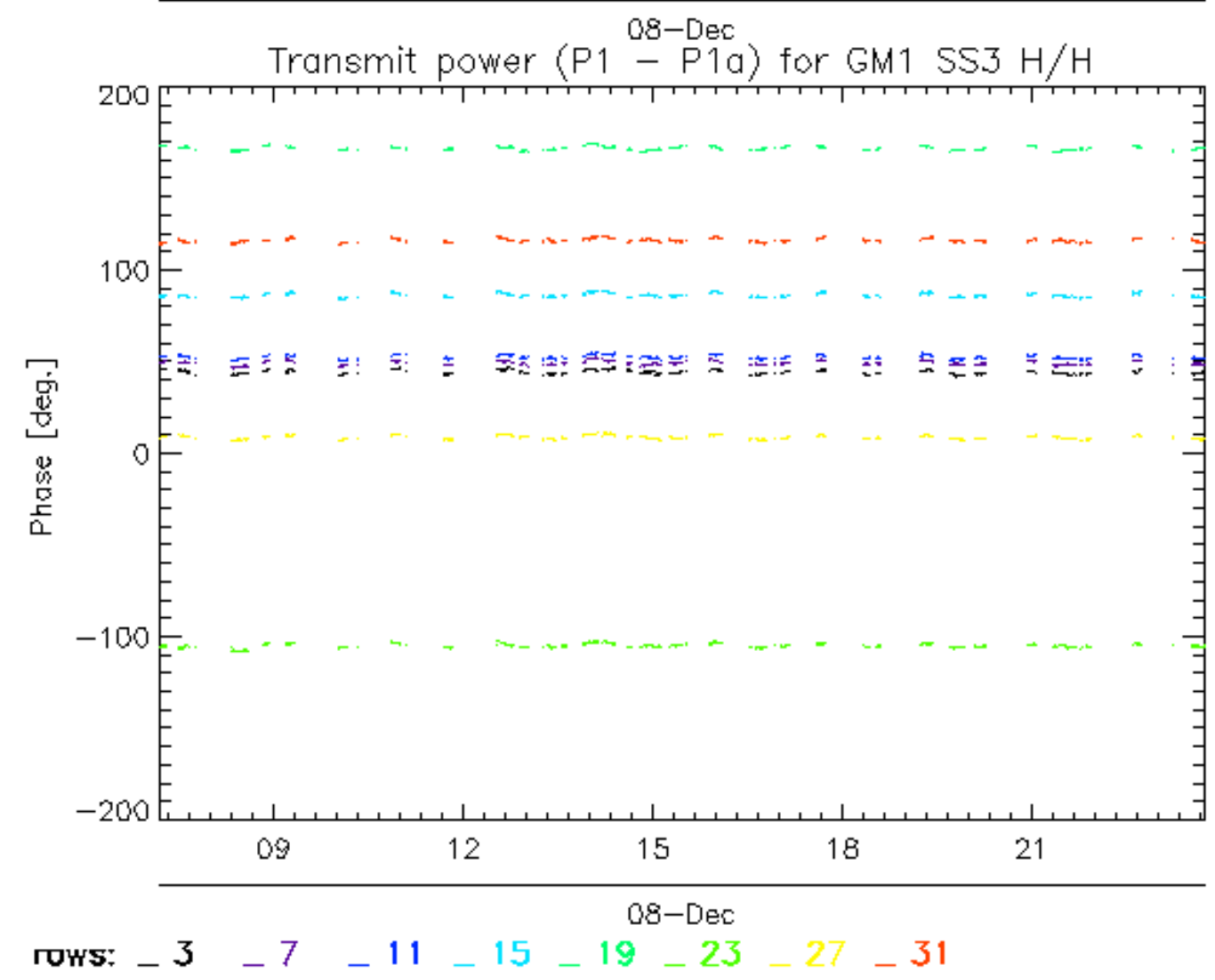
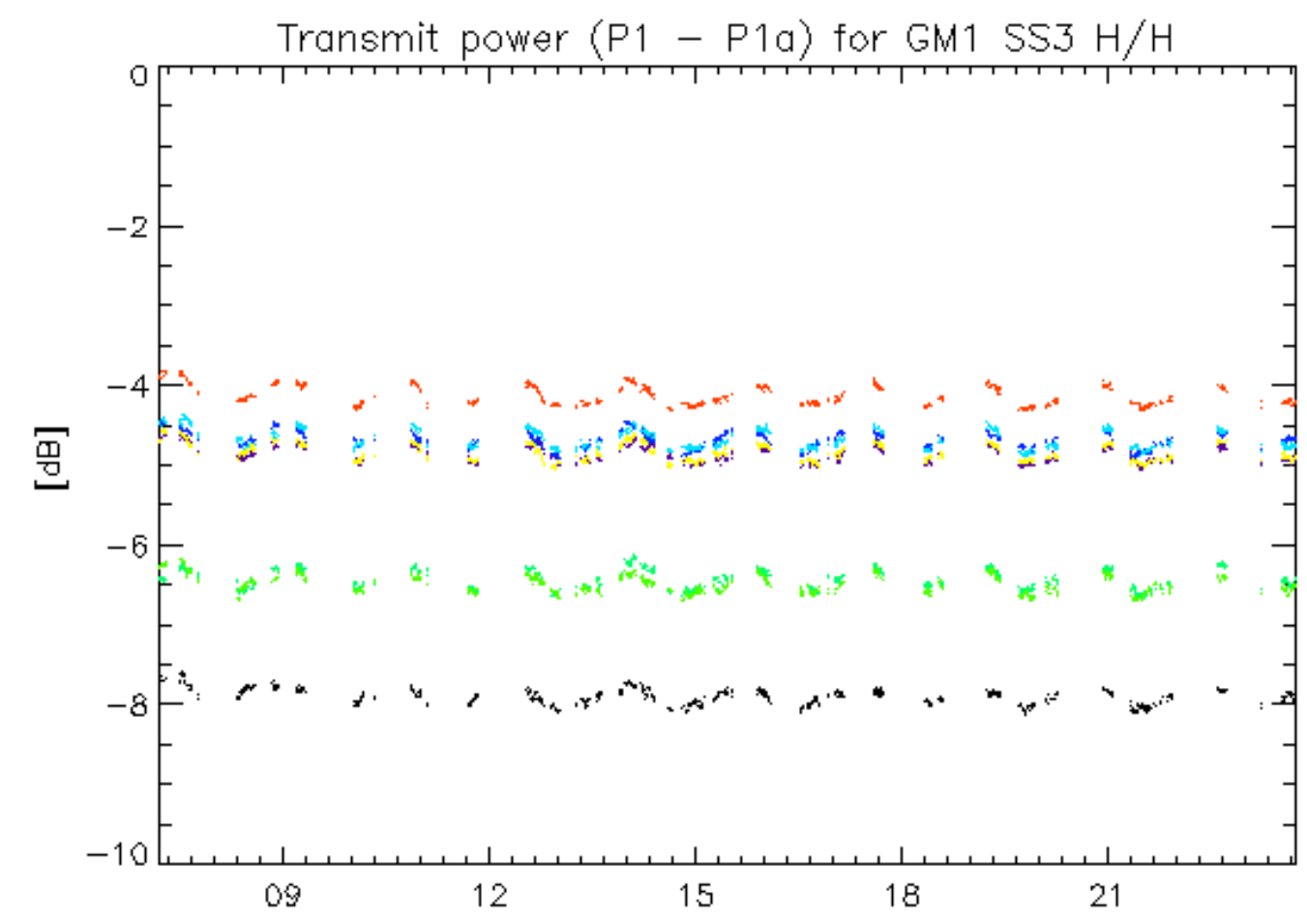


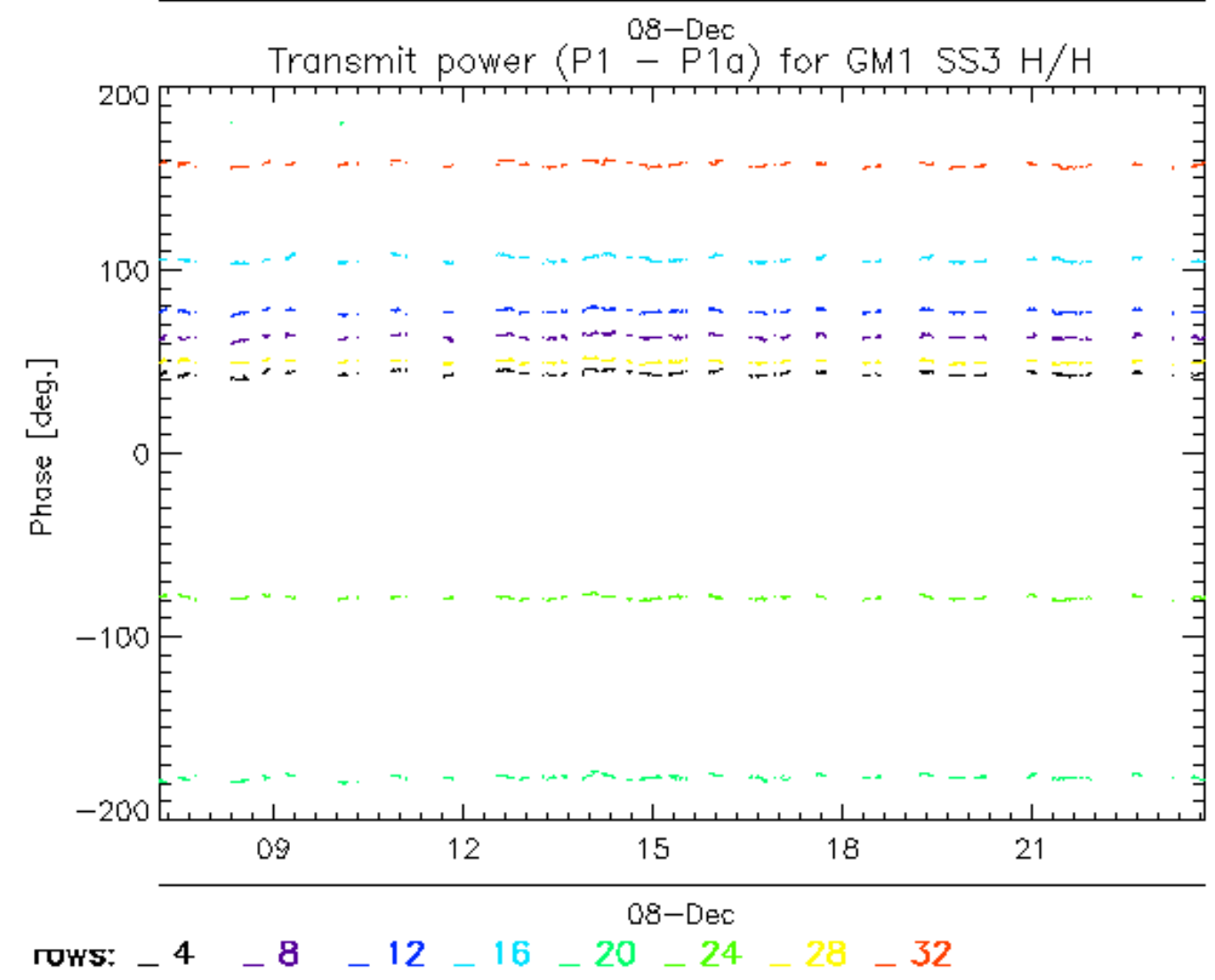
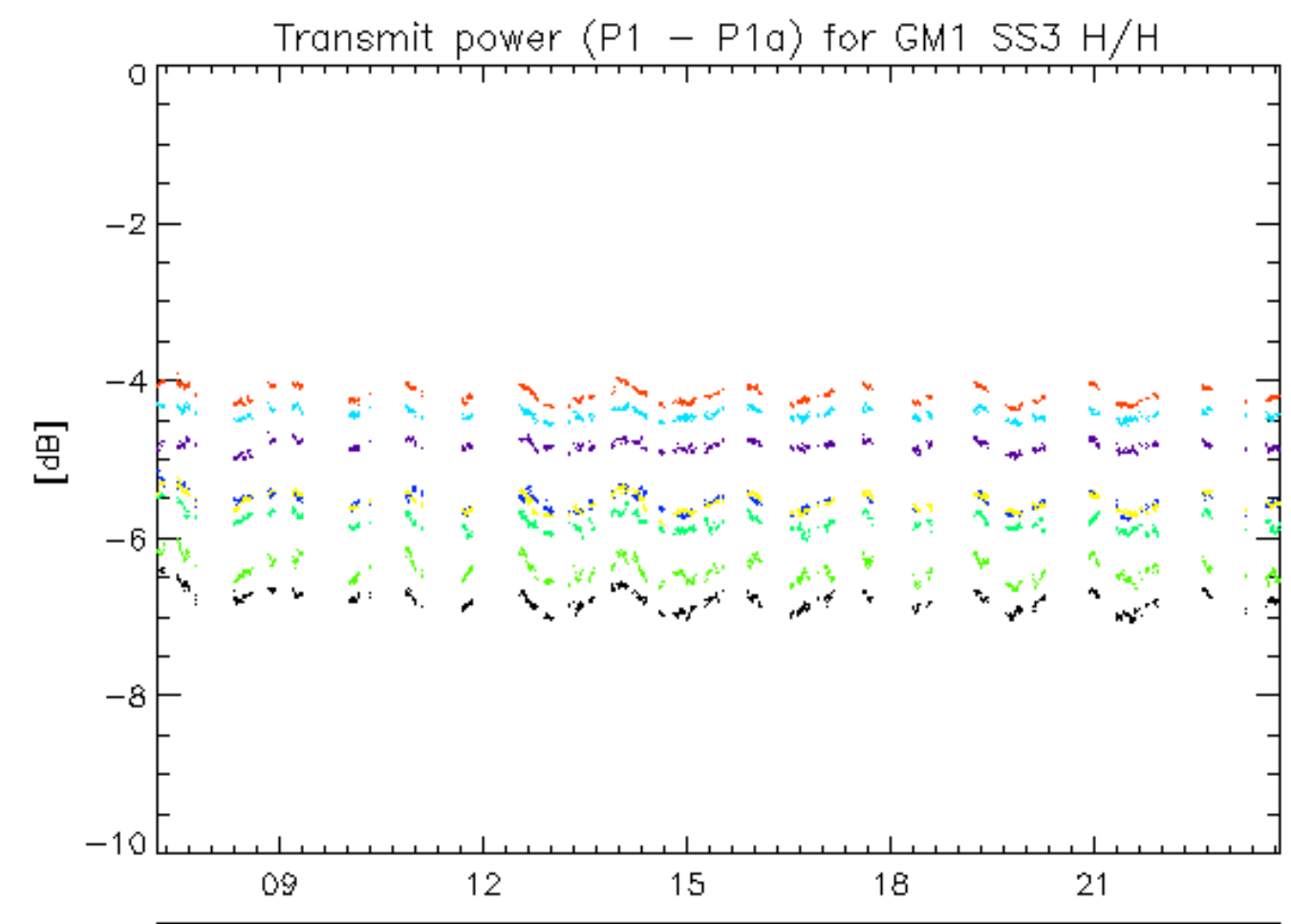


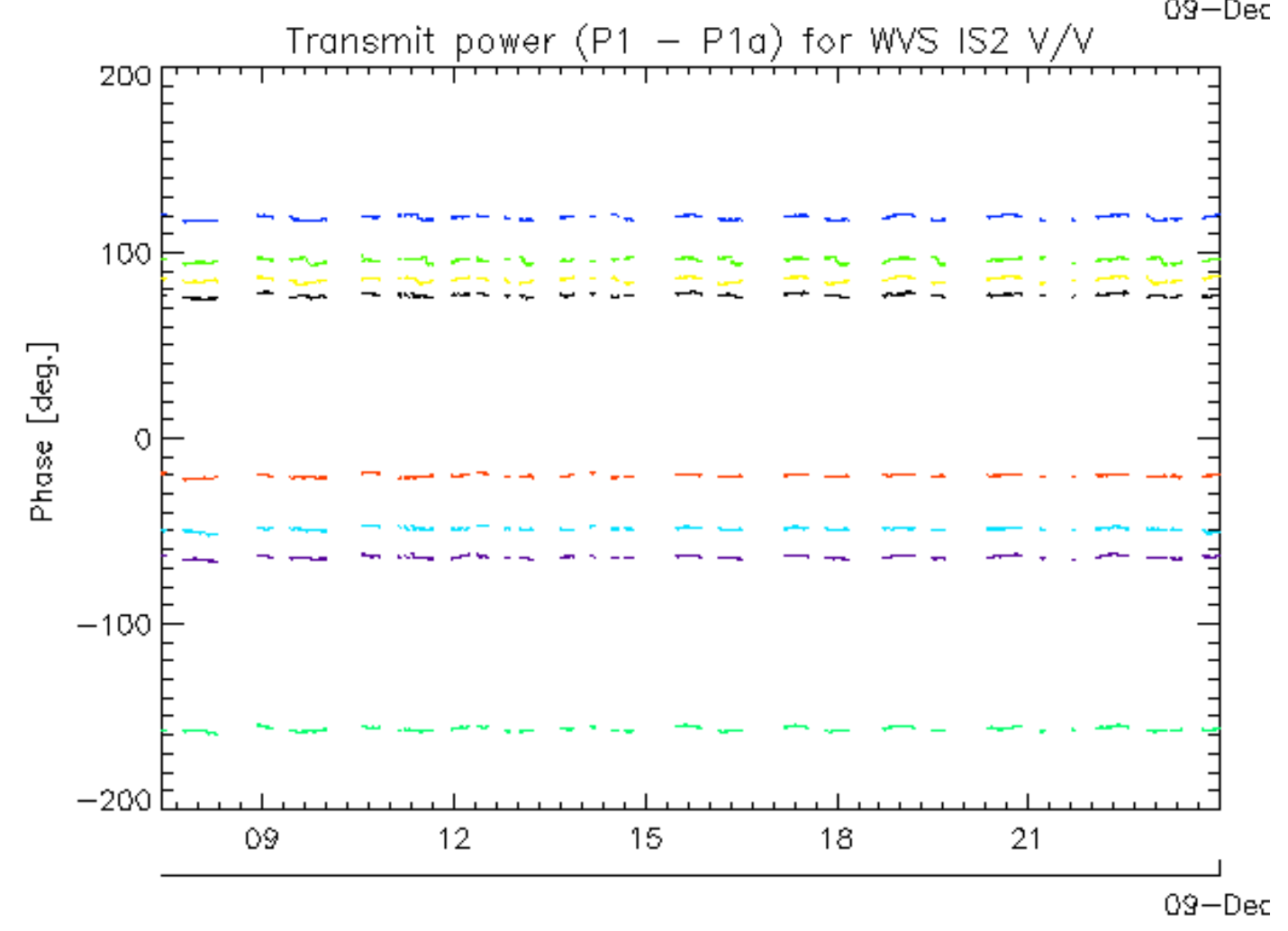
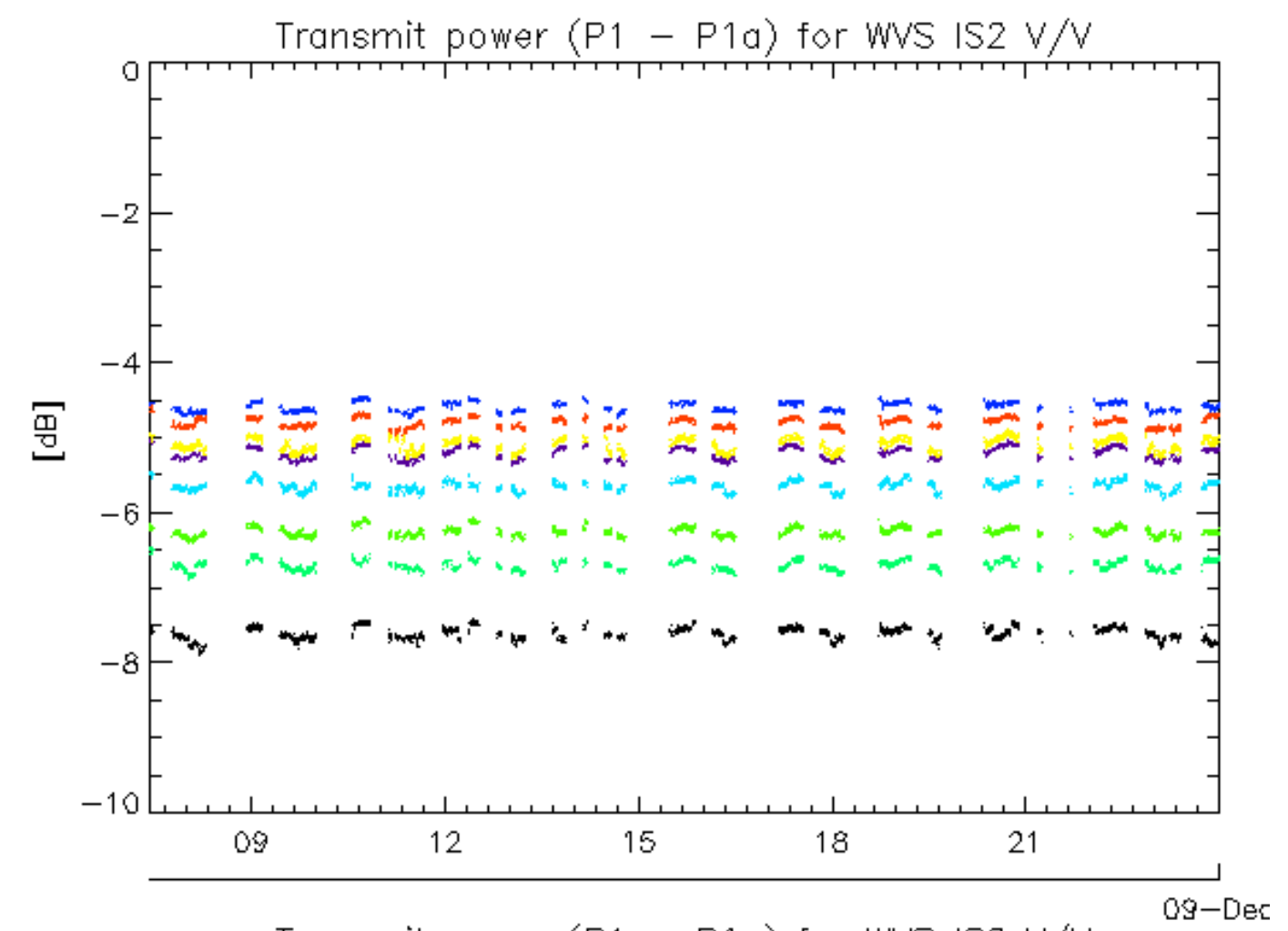






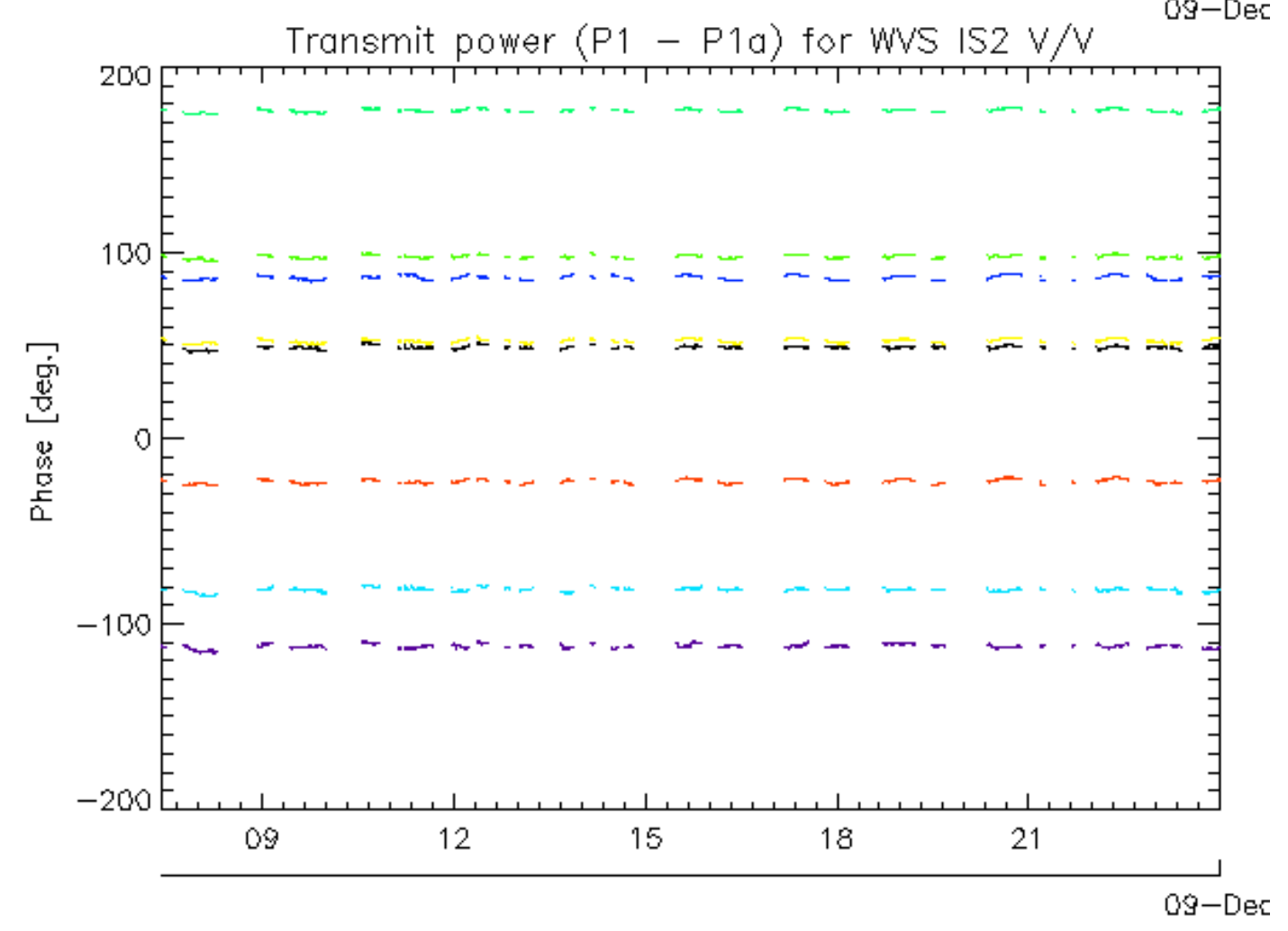
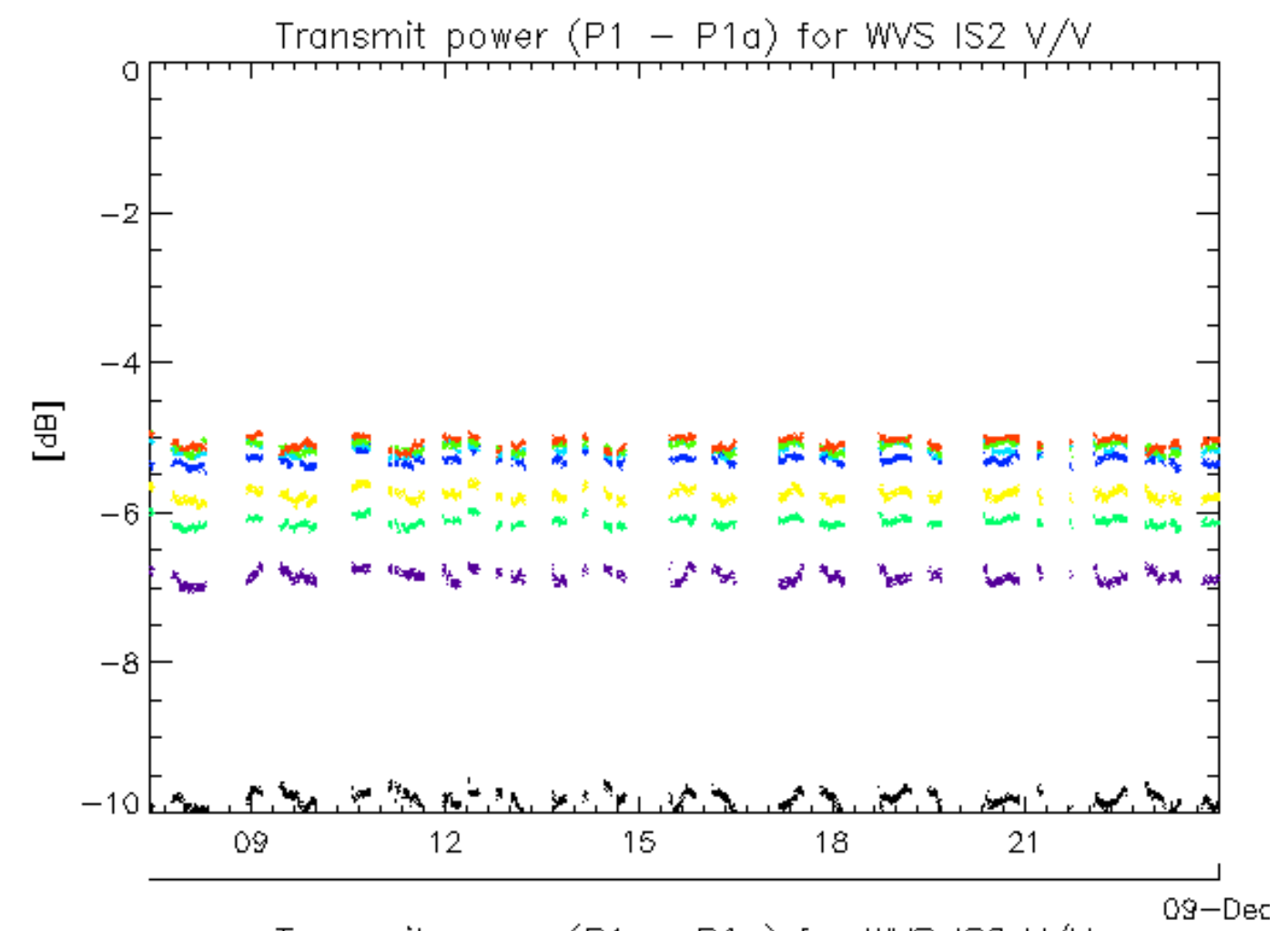




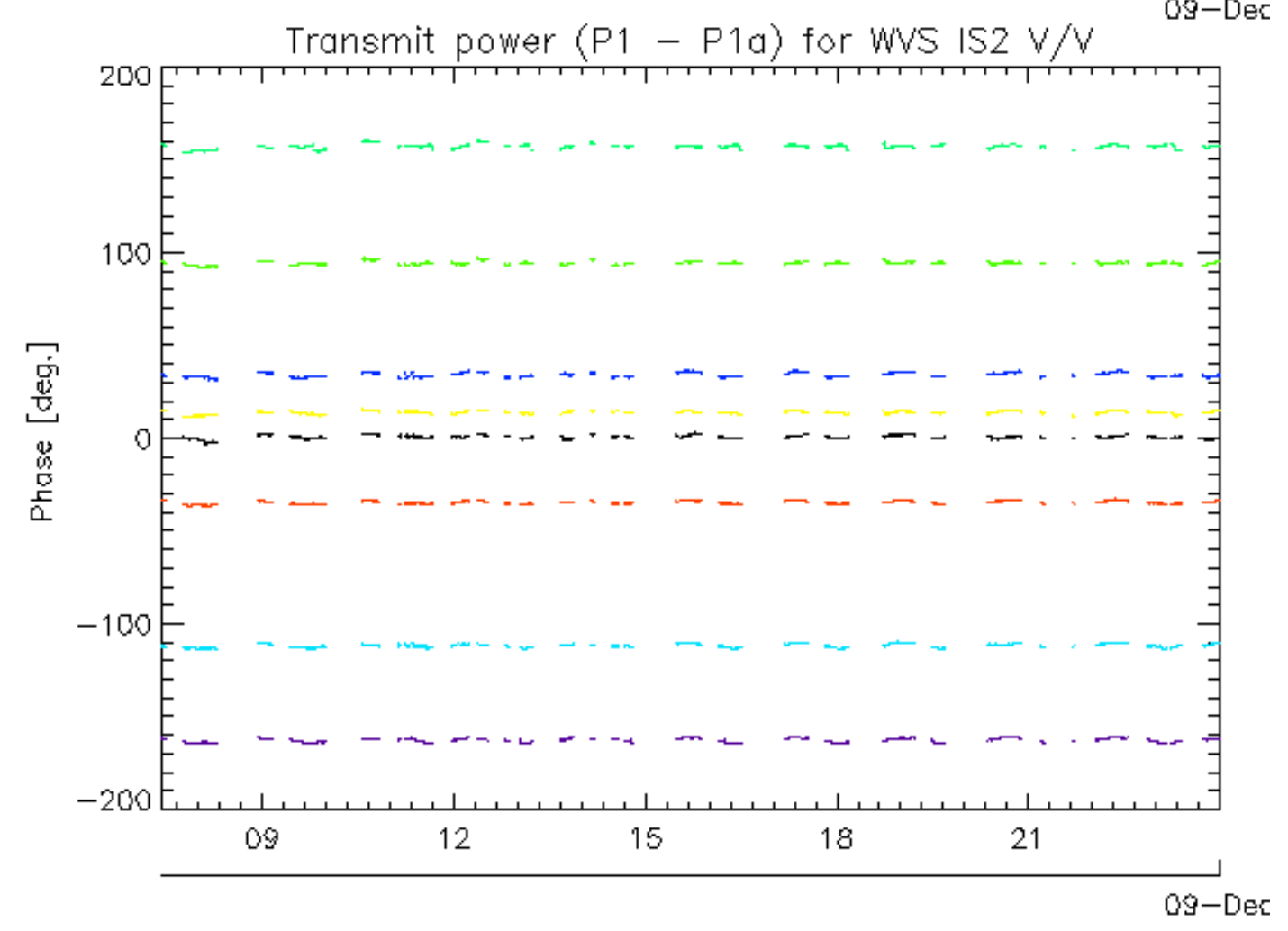
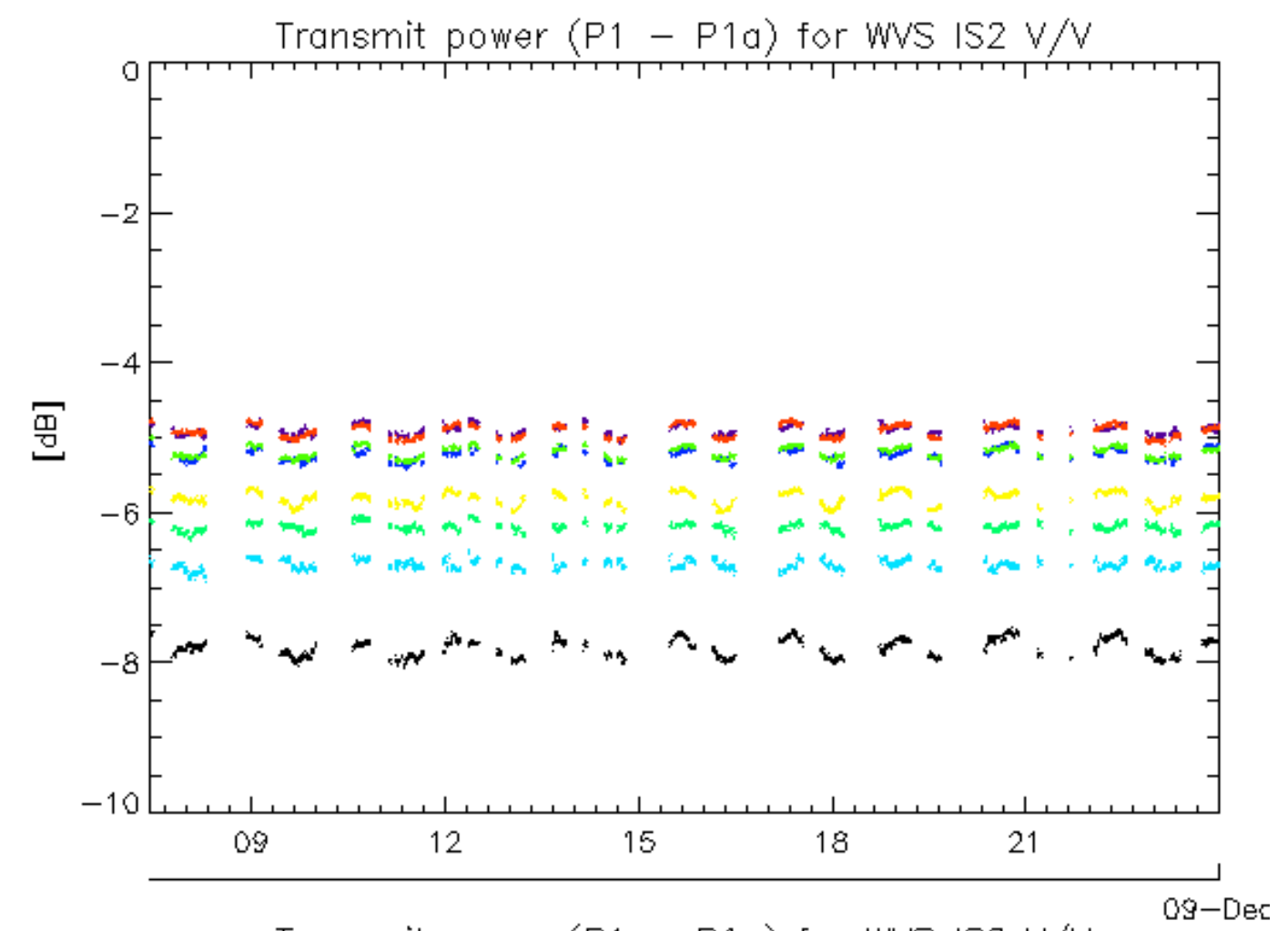


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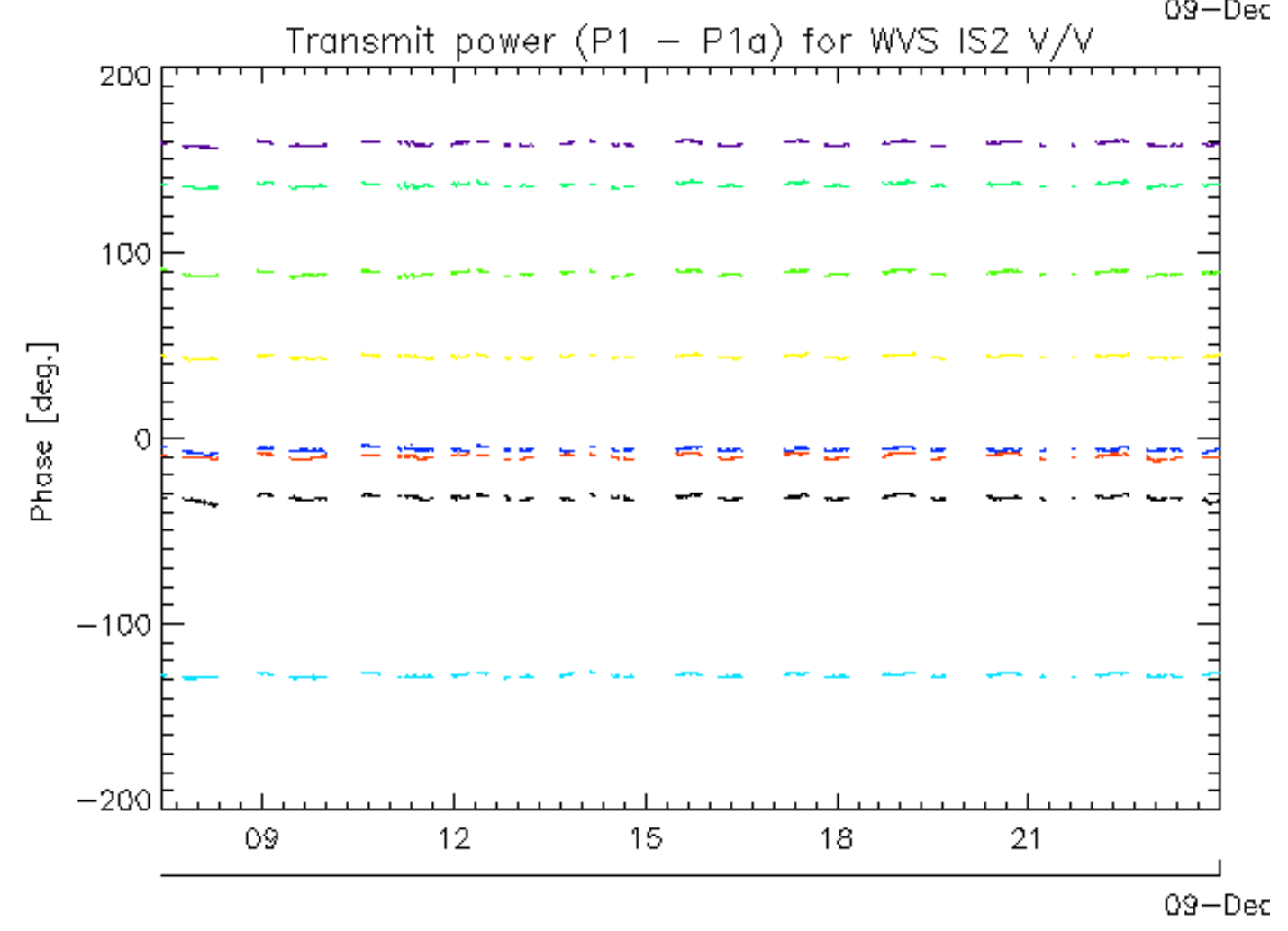
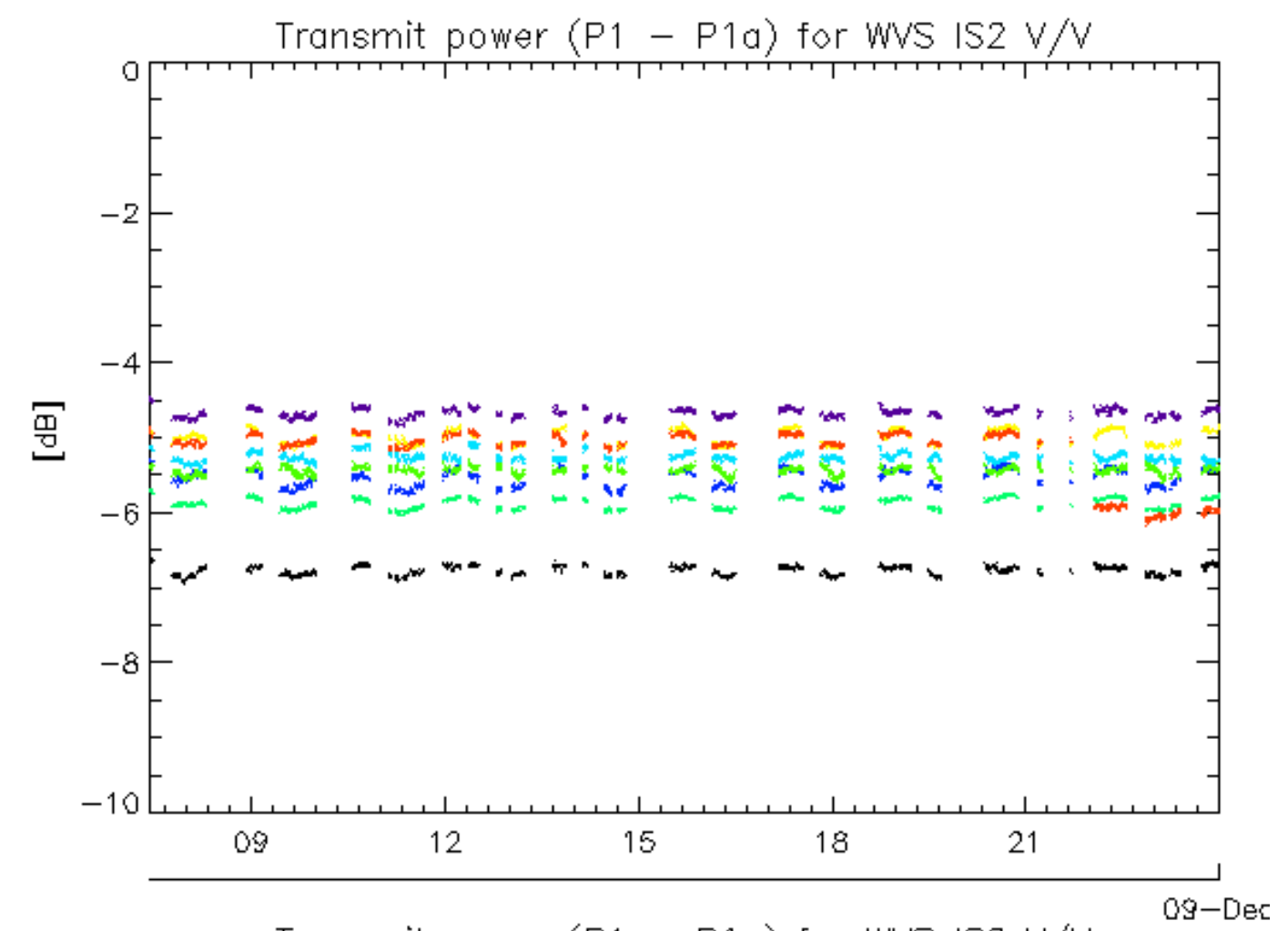




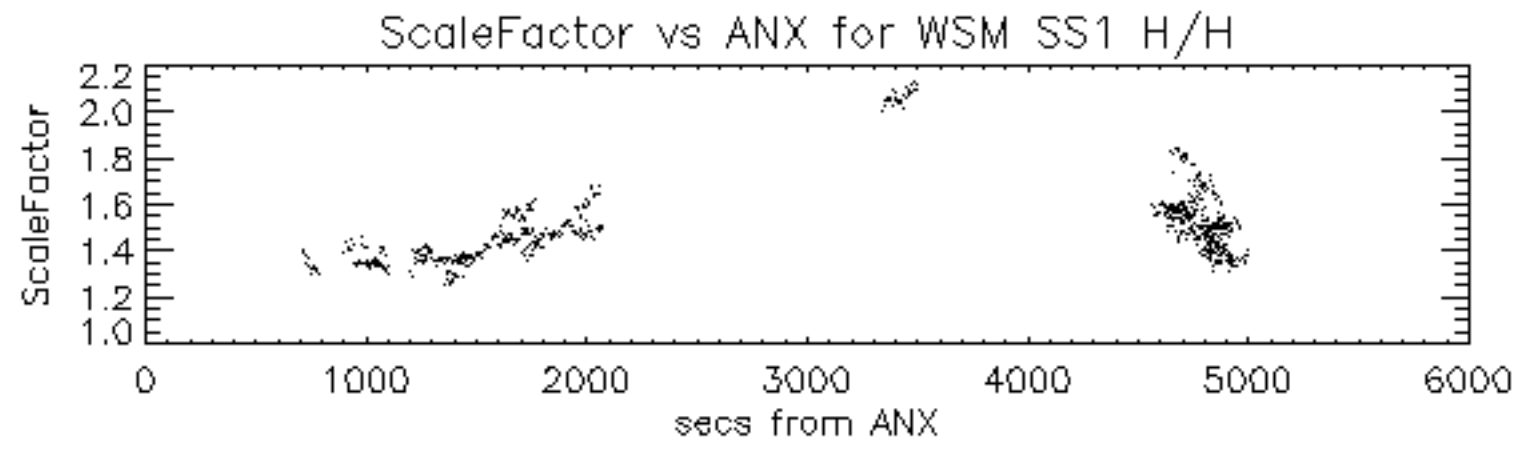
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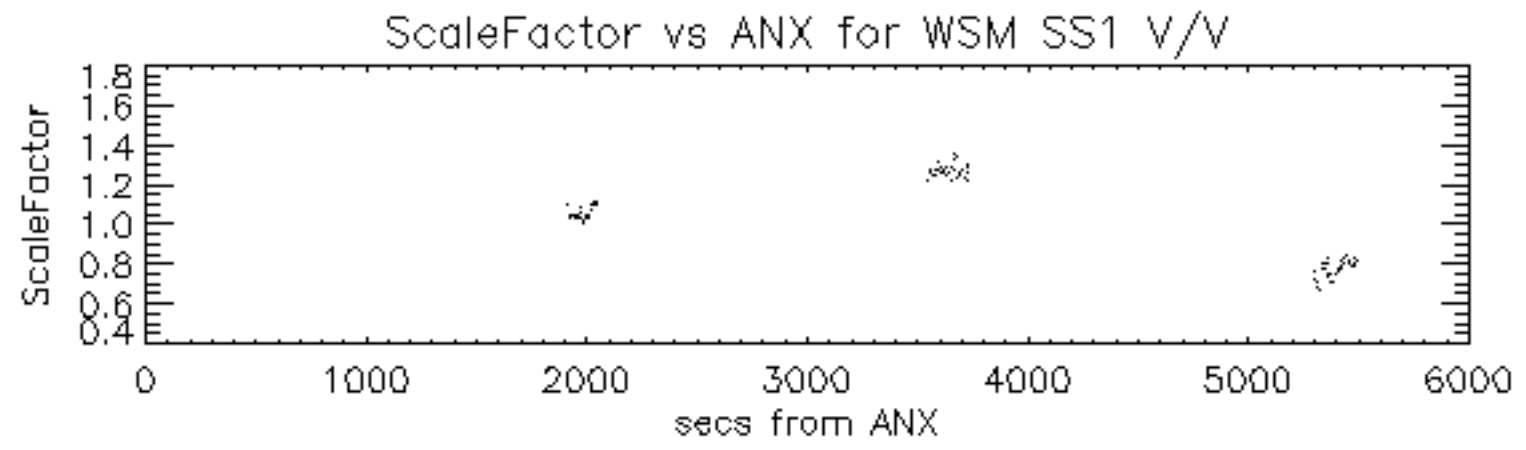
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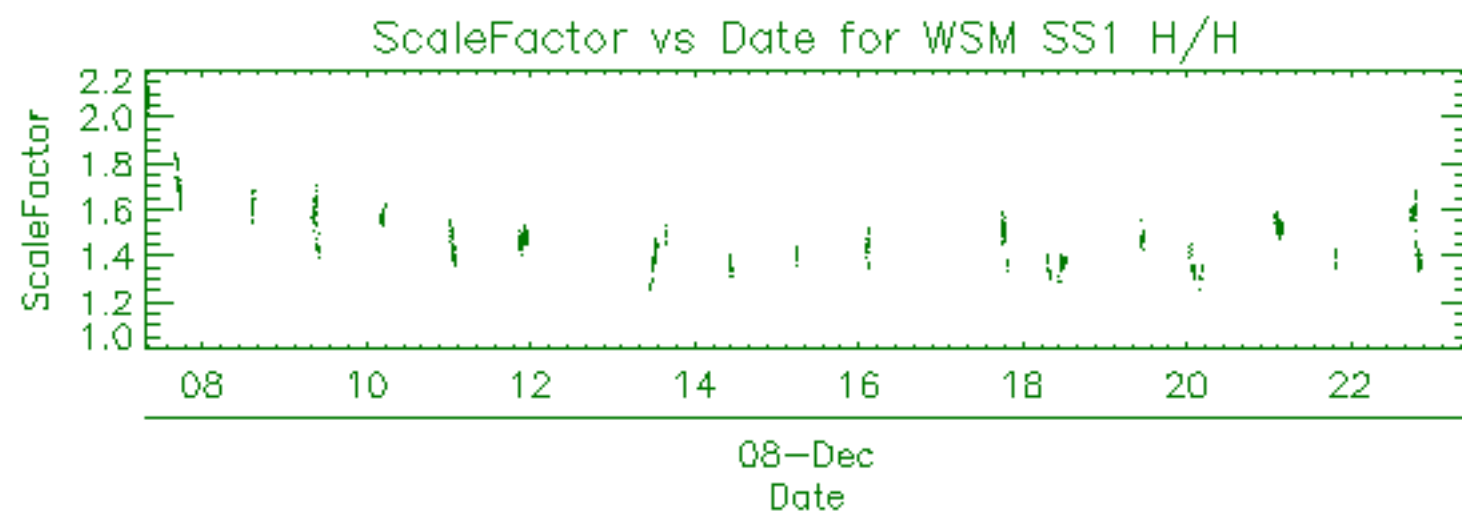


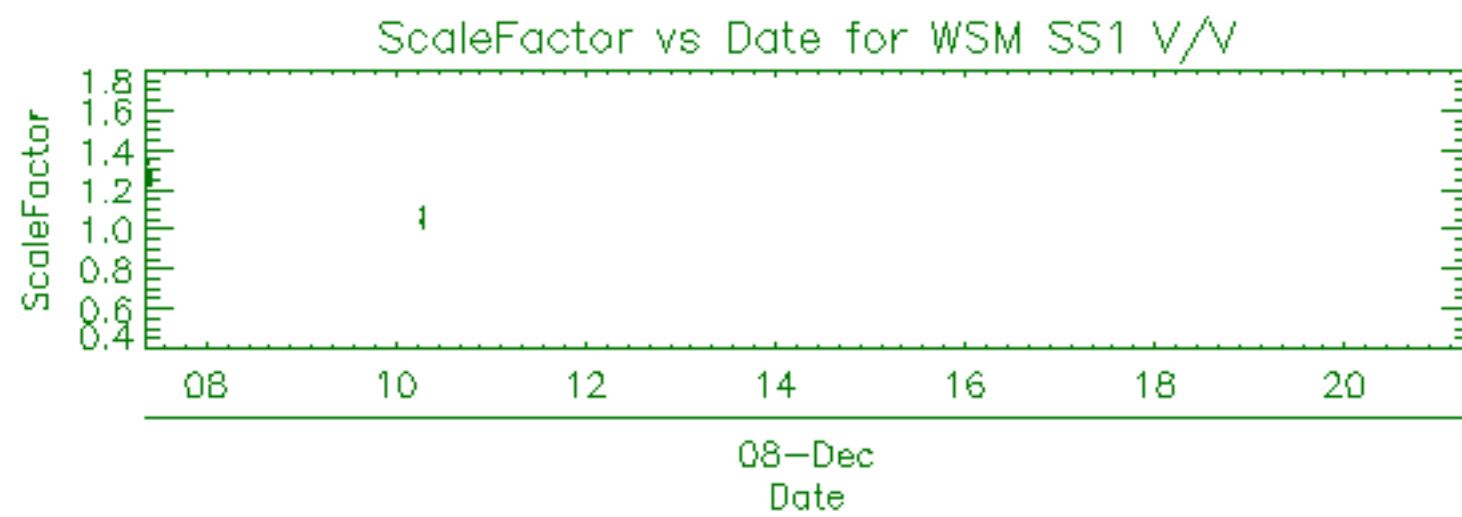
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20091208_152810_000000402085_00011_40646_7912.N1						IS2	H/H	85	40646	11	5.03
ASA_APM_1PNPDE20091208_170030_000000422085_00012_40647_7916.N1						IS1	H/H	85	40647	12	5.03



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20091208_071113_000001262085_00006_40641_7858.N1						SS1	H/H	85	40641	6	5.03
ASA_GM1_1PNPDE20091208_071410_000002292085_00006_40641_7865.N1						SS1	H/H	85	40641	6	5.03
ASA_GM1_1PNPDK20091208_072853_000006282085_00006_40641_8938.N1						SS1	H/H	85	40641	6	5.03
ASA_GM1_1PNPDK20091208_074413_00000902085_00006_40641_8939.N1						SS1	H/H	85	40641	6	5.03
ASA_GM1_1PNPDK20091208_081909_000006162085_00007_40642_8940.N1						SS1	H/H	85	40642	7	5.03
ASA_GM1_1PNPDK20091208_082817_00000662085_00007_40642_8957.N1						SS1	H/H	85	40642	7	5.03
ASA_GM1_1PNPDK20091208_083055_000002712085_00007_40642_8958.N1						SS1	H/H	85	40642	7	5.03
ASA_GM1_1PNPDK20091208_084955_000003382085_00007_40642_8959.N1						SS1	H/H	85	40642	7	5.03
ASA_GM1_1PNPDK20091208_091024_000005792085_00007_40642_8961.N1						SS1	H/H	85	40642	7	5.03
ASA_GM1_1PNPDK20091208_100043_000005862085_00008_40643_8962.N1						SS1	H/H	85	40643	8	5.03
ASA_GM1_1PNPDK20091208_101928_00000662085_00008_40643_8980.N1						SS1	H/H	85	40643	8	5.03
ASA_GM1_1PNPDK20091208_105100_000005732085_00008_40643_8981.N1						SS1	H/H	85	40643	8	5.03
ASA_GM1_1PNPDK20091208_110516_000001022085_00008_40643_8985.N1						SS1	H/H	85	40643	8	5.03
ASA_GM1_1PNPDK20091208_114041_000005732085_00009_40644_8987.N1						SS1	H/H	85	40644	9	5.03
ASA_GM1_1PNPDK20091208_114908_000001022085_00009_40644_8999.N1						SS1	H/H	85	40644	9	5.03
ASA_GM1_1PNPDK20091208_123135_000009612085_00009_40644_9001.N1						SS1	H/H	85	40644	9	5.03
ASA_GM1_1PNPDK20091208_125342_000004592085_00009_40644_9002.N1						SS1	H/H	85	40644	9	5.03
ASA_GM1_1PNPDK20091208_131429_000008842085_00010_40645_9004.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_132004_000004532085_00010_40645_9006.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_133258_000003022085_00010_40645_9016.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_135234_000002592085_00010_40645_9017.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_135822_000003682085_00010_40645_9018.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_140436_000002292085_00010_40645_9020.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_141211_000007732085_00010_40645_9023.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_143526_000002352085_00010_40645_9024.N1						SS1	H/H	85	40645	10	5.03
ASA_GM1_1PNPDK20091208_144817_00000902085_00011_40646_9025.N1						SS1	H/H	85	40646	11	5.03
ASA_GM1_1PNPDK20091208_145132_000009612085_00011_40646_9026.N1						SS1	H/H	85	40646	11	5.03
ASA_GM1_1PNPDK20091208_151549_000003802085_00011_40646_9038.N1						SS1	H/H	85	40646	11	5.03
ASA_GM1_1PNPDK20091208_152348_000002652085_00011_40646_9039.N1						SS1	H/H	85	40646	11	5.03
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ASA_GM1_1PNPDK20091208_163032_000002172085_00012_40647_9044.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_163701_000006282085_00012_40647_9046.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_164623_000001022085_00012_40647_9057.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_165551_00000662085_00012_40647_9058.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_170131_000005132085_00012_40647_9059.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_173441_000005862085_00012_40647_9061.N1						SS1	H/H	85	40647	12	5.03
ASA_GM1_1PNPDK20091208_181959_000002892085_00013_40648_9062.N1						SS1	H/H	85	40648	13	5.03
ASA_GM1_1PNPDK20091208_182333_000001812085_00013_40648_9075.N1						SS1	H/H	85	40648	13	5.03
ASA_GM1_1PNPDK20091208_183210_000002892085_00013_40648_9076.N1						SS1	H/H	85	40648	13	5.03
ASA_GM1_1PNPDK20091208_191359_000007372085_00013_40648_9079.N1						SS1	H/H	85	40648	13	5.03
ASA_GM1_1PNPDK20091208_194226_000008042085_00013_40648_9080.N1						SS1	H/H	85	40648	13	5.03
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ASA_GM1_1PNPDE20091208_214021_00000902085_00015_40650_7941.N1						SS1	H/H	85	40650	15	5.03
ASA_GM1_1PNPDE20091208_214542_000001322085_00015_40650_7940.N1						SS1	H/H	85	40650	15	5.03
ASA_GM1_1PNPDE20091208_215129_000002952085_00015_40650_7943.N1						SS1	H/H	85	40650	15	5.03
ASA_GM1_1PNPDE20091208_223509_000005192085_00015_40650_7946.N1						SS1	H/H	85	40650	15	5.03
ASA_GM1_1PNPDE20091208_231306_00000662085_00016_40651_7964.N1						SS1	H/H	85	40651	16	5.03
ASA_GM1_1PNPDE20091208_233200_000007492085_00016_40651_7961.N1						SS1	H/H	85	40651	16	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDK20091208_081749_000000542085_00007_40642_8948.N1						IS2	V/V	85	40642	7	5.03
ASA_IMM_1PNPDE20091208_082925_000000832085_00007_40642_7872.N1						IS2	H/H	85	40642	7	5.03
ASA_IMM_1PNPDK20091208_083820_000001092085_00007_40642_8950.N1						IS2	V/V	85	40642	7	5.03
ASA_IMM_1PNPDE20091208_084619_000002052085_00007_40642_7873.N1						IS2	V/V	85	40642	7	5.03
ASA_IMM_1PNPDK20091208_101321_000000922085_00008_40643_8970.N1						IS2	V/V	85	40643	8	5.03
ASA_IMM_1PNPDE20091208_102135_000000372085_00008_40643_7879.N1						IS2	V/V	85	40643	8	5.03
ASA_IMM_1PNPDE20091208_102707_000003522085_00008_40643_7881.N1						IS2	V/V	85	40643	8	5.03
ASA_IMM_1PNPDE20091208_111112_000001022085_00008_40643_7893.N1						IS2	V/V	85	40643	8	5.03
ASA_IMM_1PNPDE20091208_111757_000001312085_00008_40643_7894.N1						IS6	V/V	85	40643	8	5.03
ASA_IMM_1PNPDE20091208_120311_000000532085_00009_40644_7891.N1						IS2	V/V	85	40644	9	5.03
ASA_IMM_1PNPDE20091208_121521_000003762085_00009_40644_7895.N1						IS2	V/V	85	40644	9	5.03
ASA_IMM_1PNPDK20091208_131558_000002332085_00010_40645_9013.N1						IS2	V/V	85	40645	10	5.03
ASA_IMM_1PNPDK20091208_150731_000001822085_00011_40646_9029.N1						IS2	H/H	85	40646	11	5.03
ASA_IMM_1PNPDK20091208_151119_000000922085_00011_40646_9033.N1						IS2	H/H	85	40646	11	5.03
ASA_IMM_1PNPDE20091208_163407_000000372085_00012_40647_7923.N1						IS2	H/H	85	40647	12	5.03
ASA_IMM_1PNPDE20091208_163518_000000922085_00012_40647_7922.N1						IS2	V/V	85	40647	12	5.03
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ASA_IMM_1PNPDE20091208_181211_000000542085_00013_40648_7917.N1						IS2	V/V	85	40648	13	5.03
ASA_IMM_1PNPDE20091208_181311_000002312085_00013_40648_7918.N1						IS6	V/V	85	40648	13	5.03
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ASA_IMM_1PNPDK20091208_214957_000000822085_00015_40650_9095.N1						IS6	H/H	85	40650	15	5.03
ASA_IMM_1PNPDE20091208_215625_000002882085_00015_40650_7954.N1						IS2	V/V	85	40650	15	5.03
ASA_IMM_1PNPDE20091208_220200_000001142085_00015_40650_7955.N1						IS2	V/V	85	40650	15	5.03
ASA_IMM_1PNPDE20091208_231123_000000932085_00016_40651_7956.N1						IS4	H/H	85	40651	16	5.03
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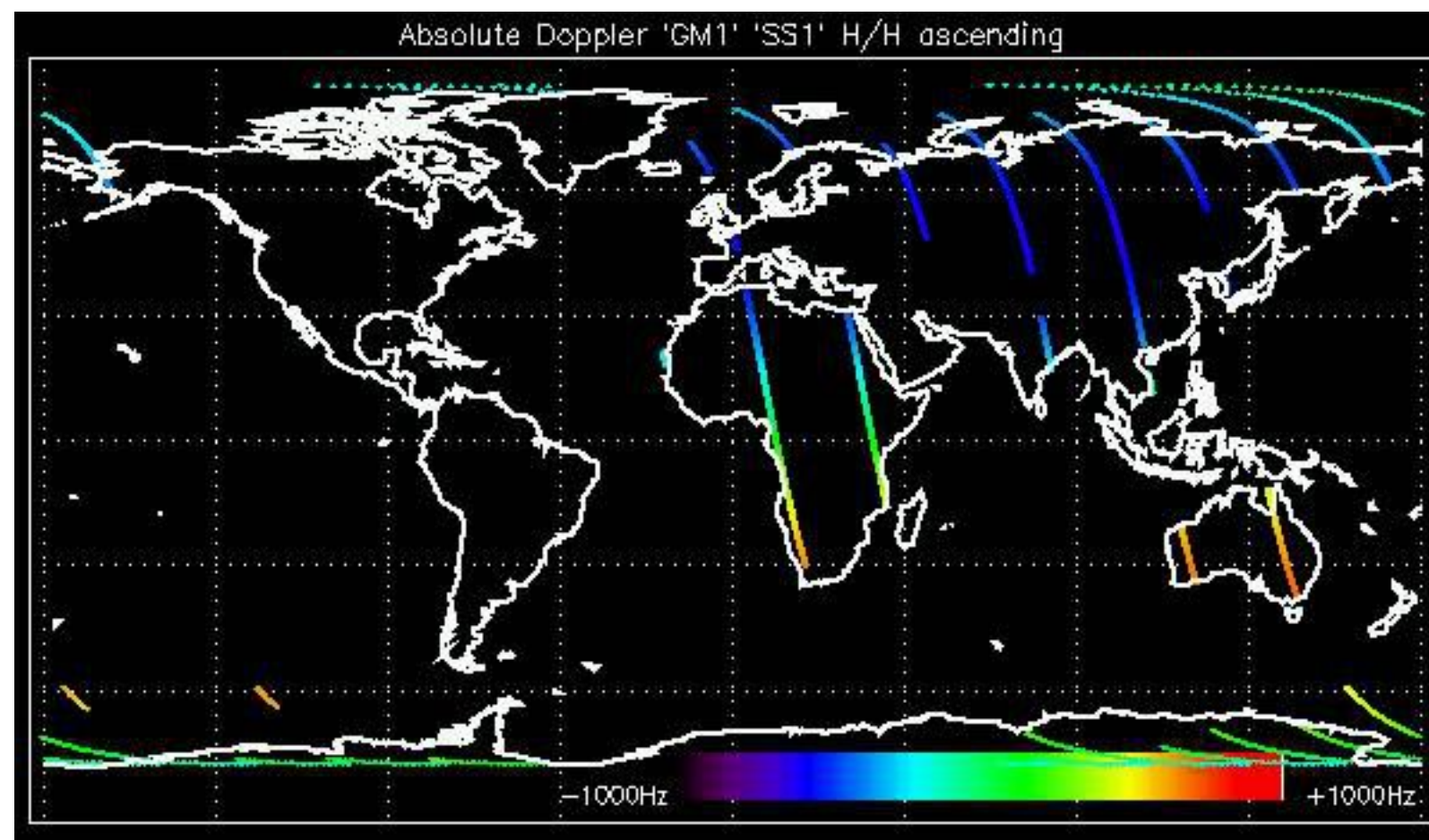
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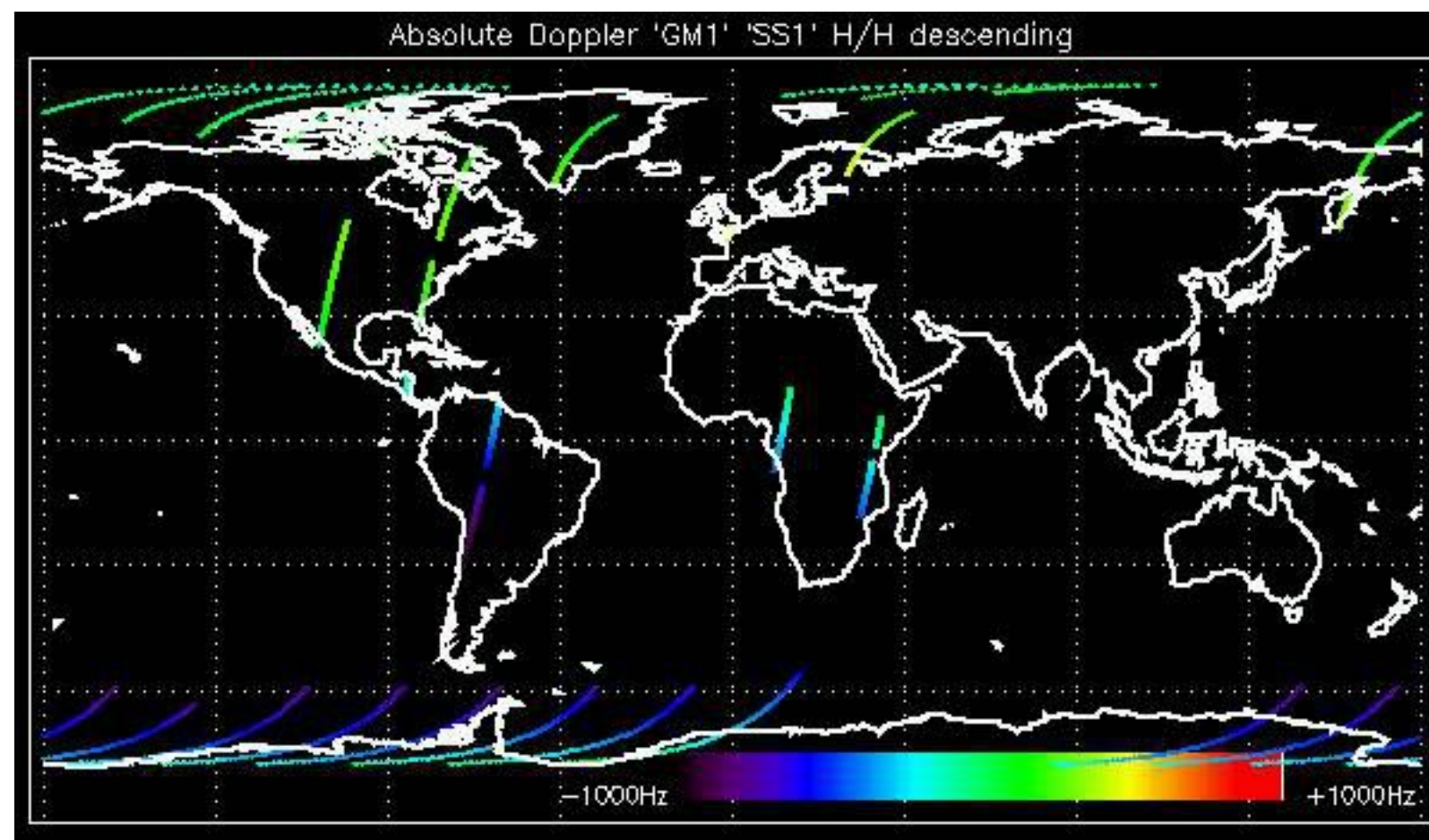


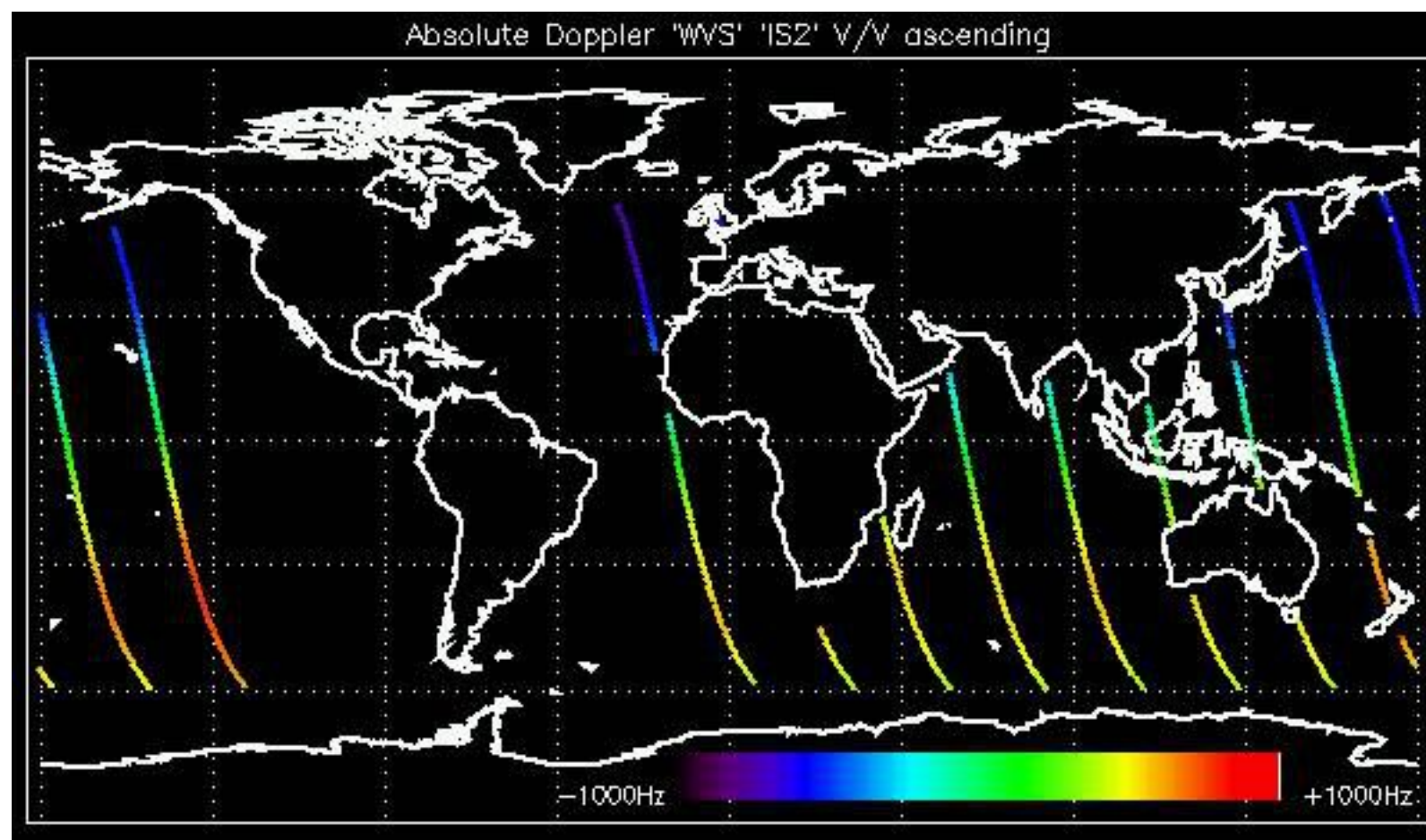
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ASA_WSM_1PNPDK20091208_073958_000002452085_00006_40641_8947.N1						SS1	H/H	85	40641	6	5.03
ASA_WSM_1PNPDK20091208_083534_000001282085_00007_40642_8949.N1						SS1	H/H	85	40642	7	5.03
ASA_WSM_1PNPDK20091208_092007_000003062085_00007_40642_8971.N1						SS1	H/H	85	40642	7	5.03
ASA_WSM_1PNPDK20091208_101036_000001652085_00008_40643_8969.N1						SS1	H/H	85	40643	8	5.03
ASA_WSM_1PNPDE20091208_101533_000001472085_00008_40643_7878.N1						SS1	V/V	85	40643	8	5.03
ASA_WSM_1PNPDE20091208_110042_000002692085_00008_40643_7892.N1						SS1	H/H	85	40643	8	5.03
ASA_WSM_1PNPDK20091208_115058_000004162085_00009_40644_8994.N1						SS1	H/H	85	40644	9	5.03
ASA_WSM_1PNPDK20091208_132742_000003062085_00010_40645_9012.N1						SS1	H/H	85	40645	10	5.03
ASA_WSM_1PNPDE20091208_133804_000000982085_00010_40645_7907.N1						SS1	H/H	85	40645	10	5.03
ASA_WSM_1PNPDE20091208_142509_000001282085_00010_40645_7909.N1						SS1	H/H	85	40645	10	5.03
ASA_WSM_1PNPDE20091208_151355_000001162085_00011_40646_7910.N1						SS1	H/H	85	40646	11	5.03
ASA_WSM_1PNPDE20091208_160526_000001412085_00011_40646_7906.N1						SS1	H/H	85	40646	11	5.03
ASA_WSM_1PNPDE20091208_174431_000002452085_00012_40647_7913.N1						SS1	H/H	85	40647	12	5.03
ASA_WSM_1PNPDE20091208_181827_000000922085_00013_40648_7919.N1						SS1	H/H	85	40648	13	5.03
ASA_WSM_1PNPDK20091208_182640_000003242085_00013_40648_9069.N1						SS1	H/H	85	40648	13	5.03
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ASA_WSM_1PNPDK20091208_200951_000001162085_00014_40649_9090.N1						SS1	H/H	85	40649	14	5.03
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ASA_WSM_1PNPDK20091208_214805_000000982085_00015_40650_9094.N1						SS1	H/H	85	40650	15	5.03
ASA_WSM_1PNPDE20091208_224352_000004592085_00015_40650_7952.N1						SS1	H/H	85	40650	15	5.03
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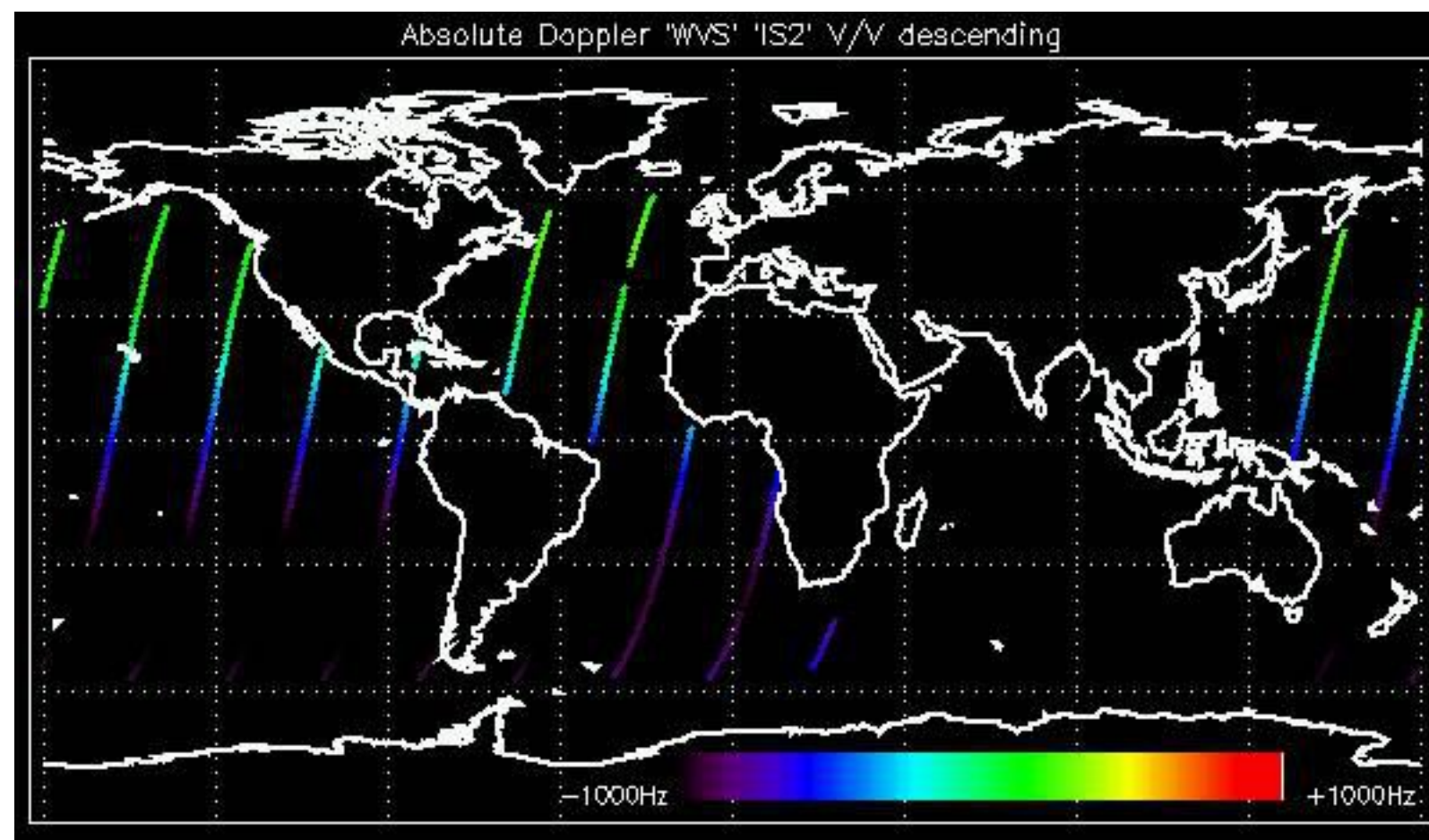
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ASA_WVS_1PNPDK20091208_085533_000008392085_00007_40642_8960.N1						IS2	V/V	85	40642	7	5.03
ASA_WVS_1PNPDK20091208_092619_000020242085_00007_40642_8963.N1						IS2	V/V	85	40642	7	5.03
ASA_WVS_1PNPDK20091208_103304_000010342085_00008_40643_8982.N1						IS2	V/V	85	40643	8	5.03
ASA_WVS_1PNPDK20091208_110704_000002102085_00008_40643_8984.N1						IS2	V/V	85	40643	8	5.03
ASA_WVS_1PNPDK20091208_111259_000002542085_00008_40643_8983.N1						IS2	V/V	85	40643	8	5.03
ASA_WVS_1PNPDK20091208_112016_000011842085_00008_40643_8986.N1						IS2	V/V	85	40643	8	5.03
ASA_WVS_1PNPDK20091208_115754_000002852085_00009_40644_8997.N1						IS2	V/V	85	40644	9	5.03
ASA_WVS_1PNPDK20091208_120410_000006292085_00009_40644_8998.N1						IS2	V/V	85	40644	9	5.03
ASA_WVS_1PNPDK20091208_122143_000005552085_00009_40644_9000.N1						IS2	V/V	85	40644	9	5.03
ASA_WVS_1PNPDK20091208_124739_000003152085_00009_40644_9003.N1						IS2	V/V	85	40644	9	5.03
ASA_WVS_1PNPDK20091208_130123_000007342085_00009_40644_9005.N1						IS2	V/V	85	40644	9	5.03
ASA_WVS_1PNPDK20091208_133943_000007342085_00010_40645_9019.N1						IS2	V/V	85	40645	10	5.03
ASA_WVS_1PNPDK20091208_140827_000001802085_00010_40645_9021.N1						IS2	V/V	85	40645	10	5.03
ASA_WVS_1PNPDK20091208_142806_000003902085_00010_40645_9022.N1						IS2	V/V	85	40645	10	5.03
ASA_WVS_1PNPDK20091208_143926_000004792085_00010_40645_9027.N1						IS2	V/V	85	40645	10	5.03
ASA_WVS_1PNPDK20091208_152900_000001042085_00011_40646_9040.N1						IS2	V/V	85	40646	11	5.03
ASA_WVS_1PNPDK20091208_153306_000011392085_00011_40646_9042.N1						IS2	V/V	85	40646	11	5.03
ASA_WVS_1PNPDK20091208_160842_000012592085_00011_40646_9045.N1						IS2	V/V	85	40646	11	5.03
ASA_WVS_1PNPDK20091208_171007_000013492085_00012_40647_9060.N1						IS2	V/V	85	40647	12	5.03
ASA_WVS_1PNPDK20091208_174918_000012892085_00012_40647_9063.N1						IS2	V/V	85	40647	12	5.03
ASA_WVS_1PNPDK20091208_184347_000017692085_00013_40648_9078.N1						IS2	V/V	85	40648	13	5.03
ASA_WVS_1PNPDK20091208_192954_000007052085_00013_40648_9081.N1						IS2	V/V	85	40648	13	5.03
ASA_WVS_1PNPDK20091208_202141_000019342085_00014_40649_7926.N1						IS2	V/V	85	40649	14	5.03
ASA_WVS_1PNPDE20091208_211030_000002552085_00014_40649_7928.N1						IS2	V/V	85	40649	14	5.03
ASA_WVS_1PNPDE20091208_211415_000000302085_00014_40649_7938.N1						IS2	V/V	85	40649	14	5.03
ASA_WVS_1PNPDE20091208_214159_000000452085_00015_40650_7942.N1						IS2	V/V	85	40650	15	5.03
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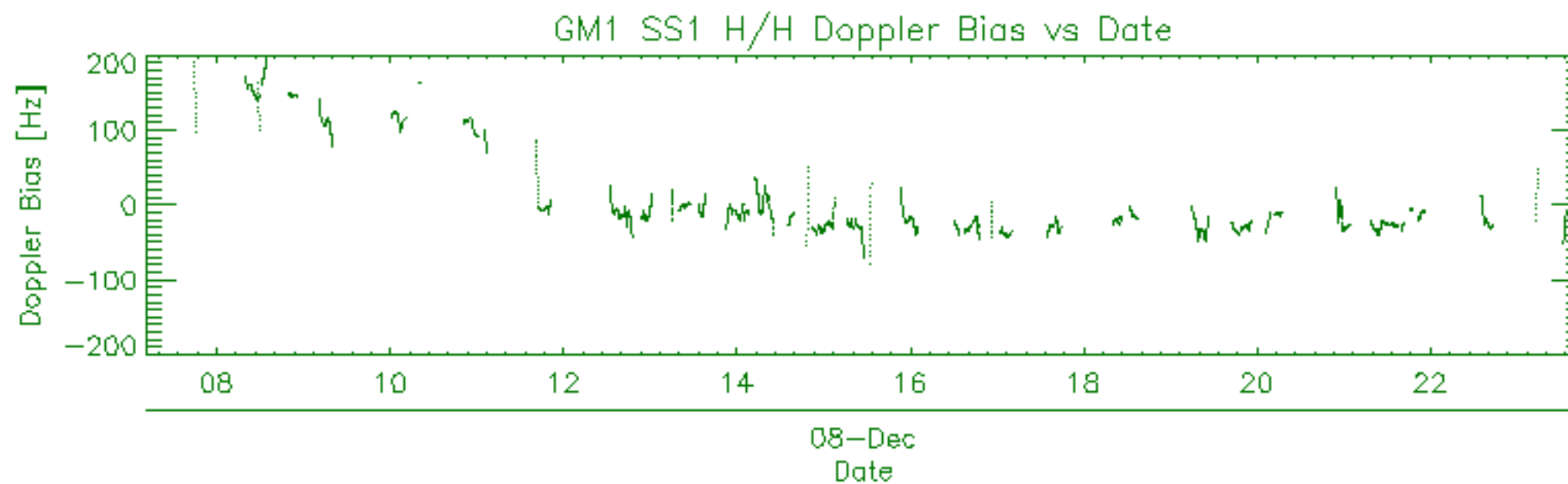
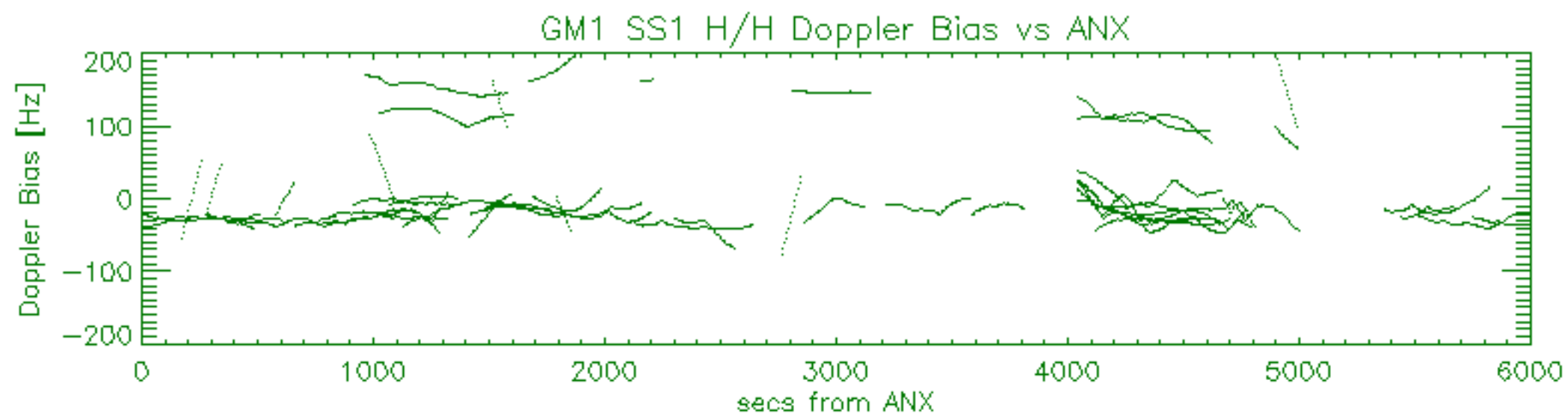
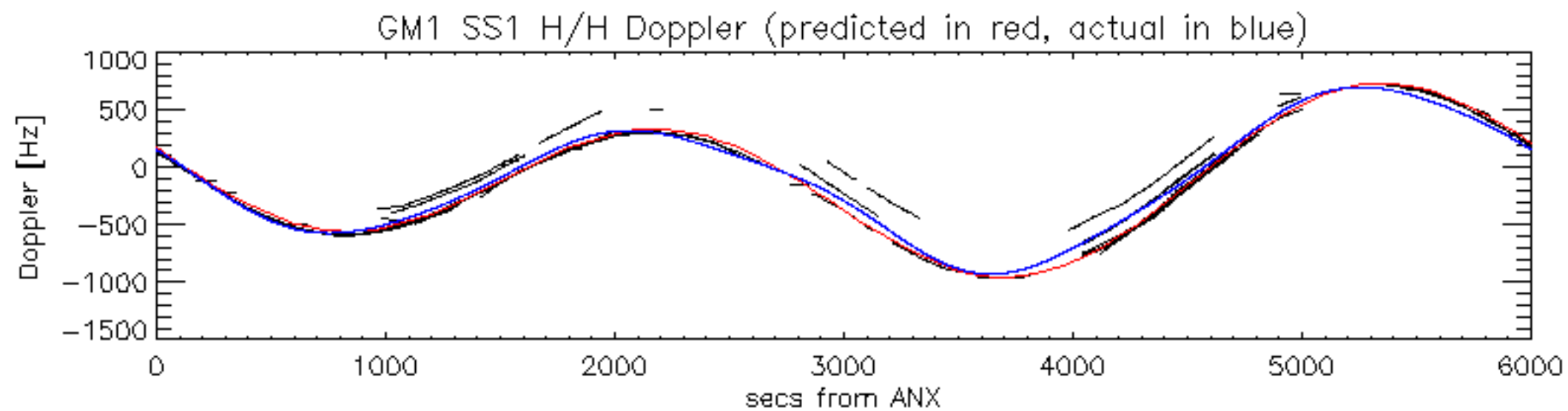


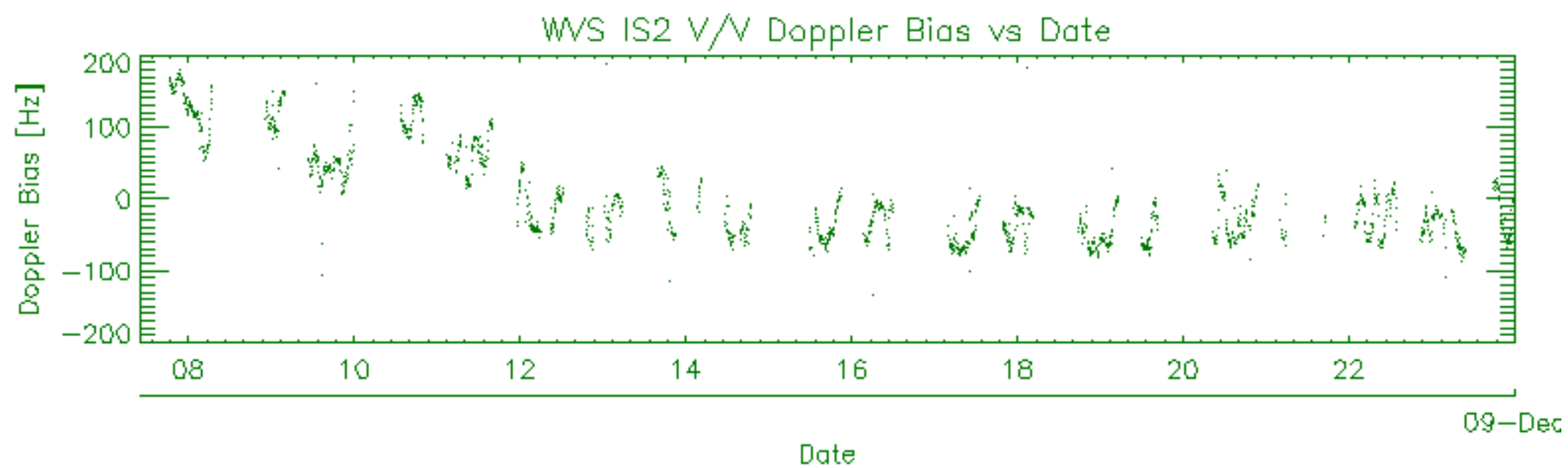
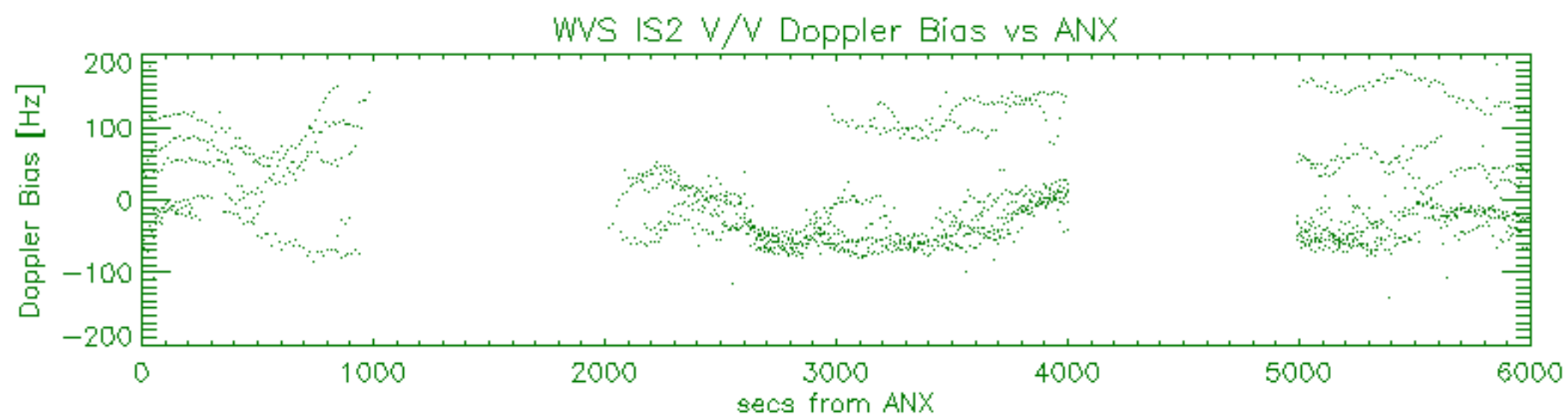
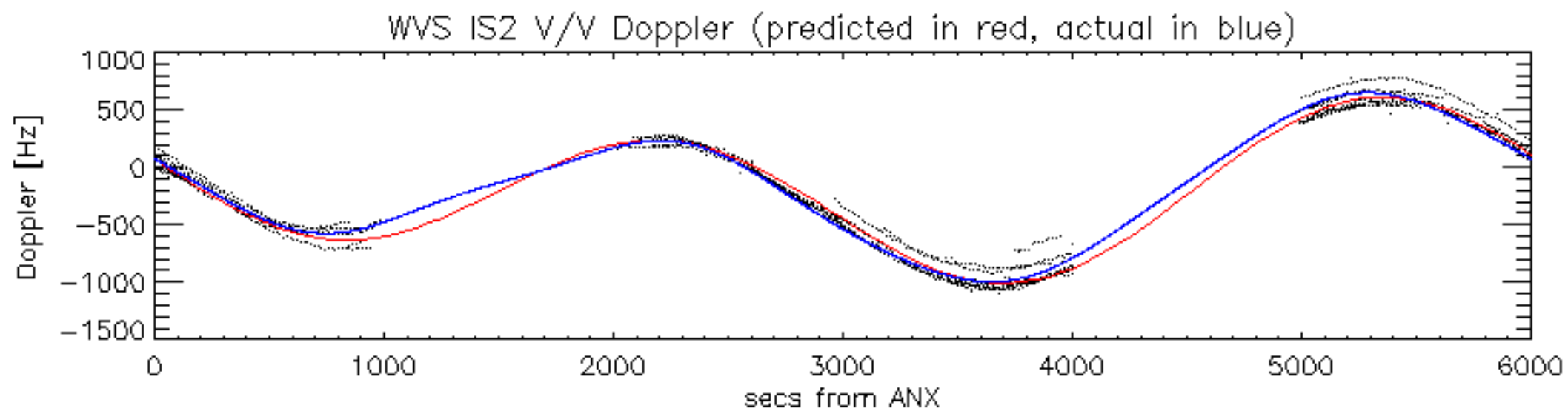


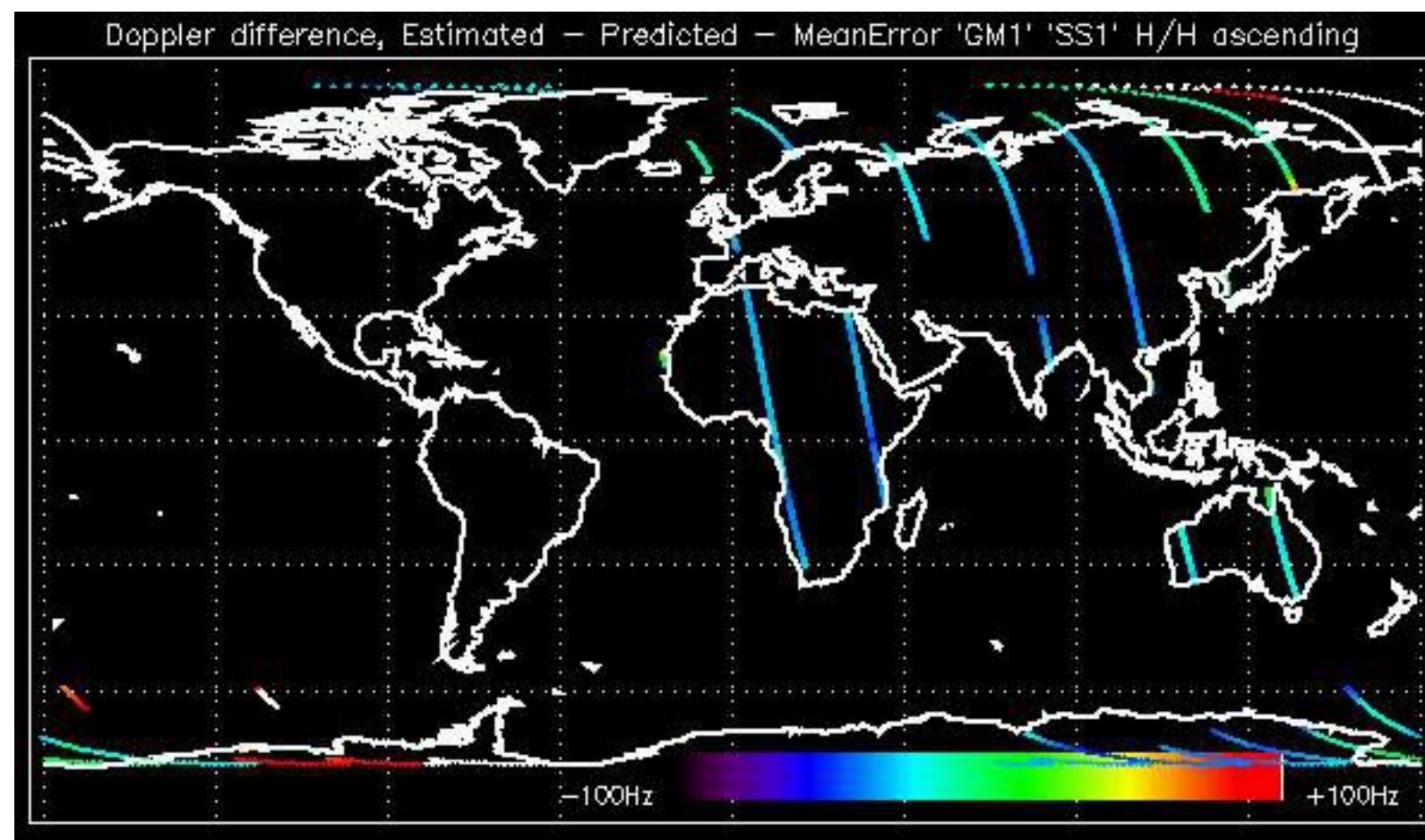


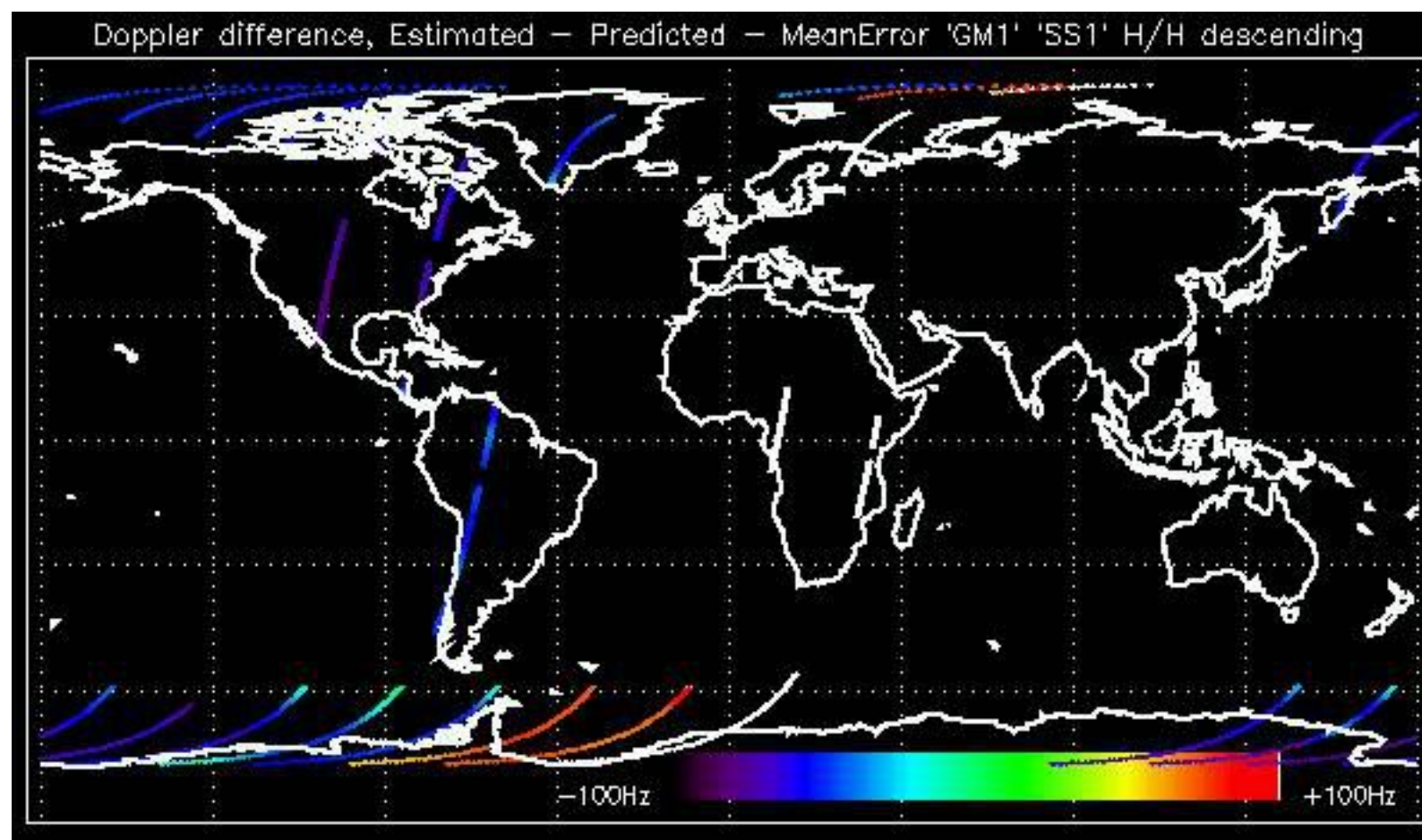




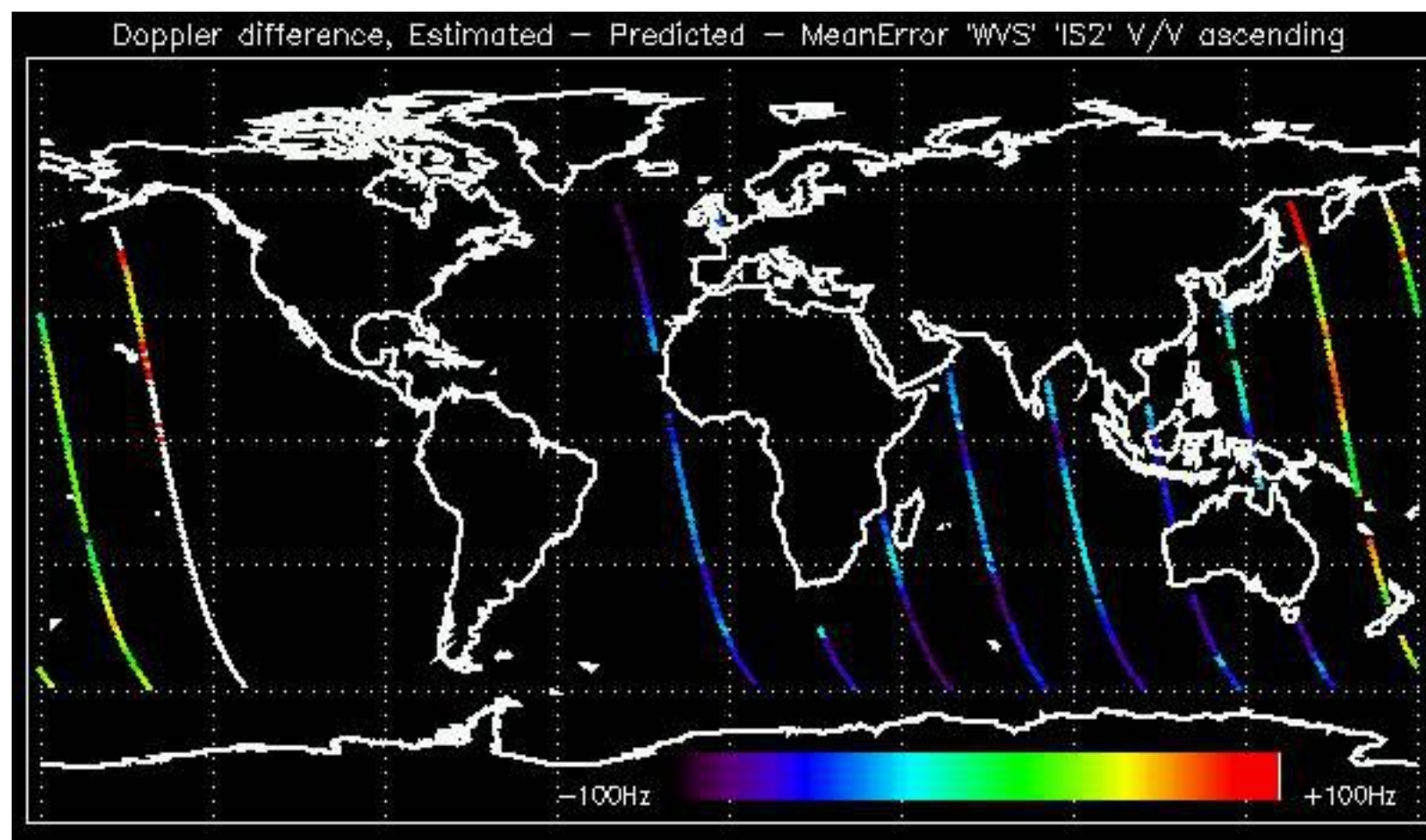


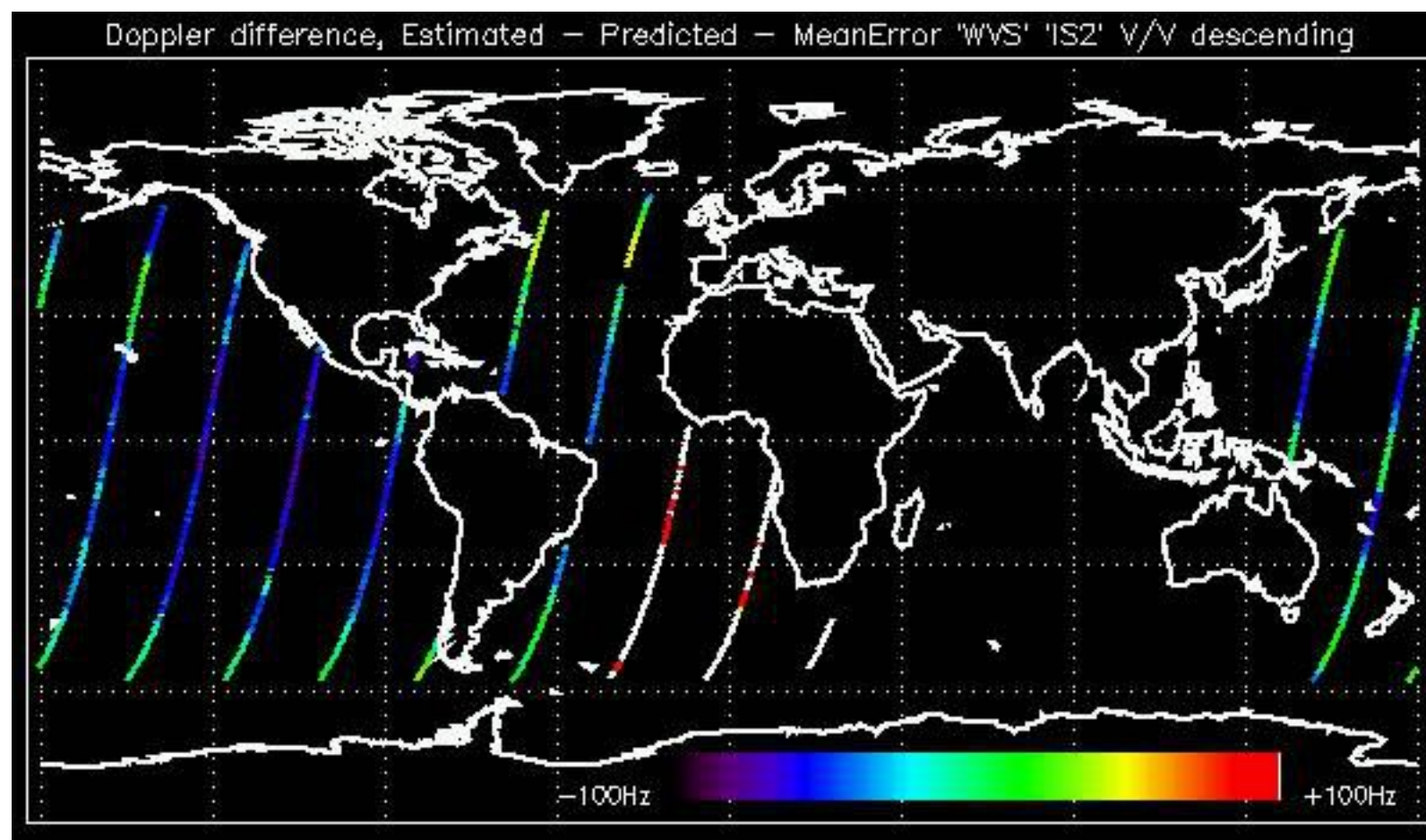


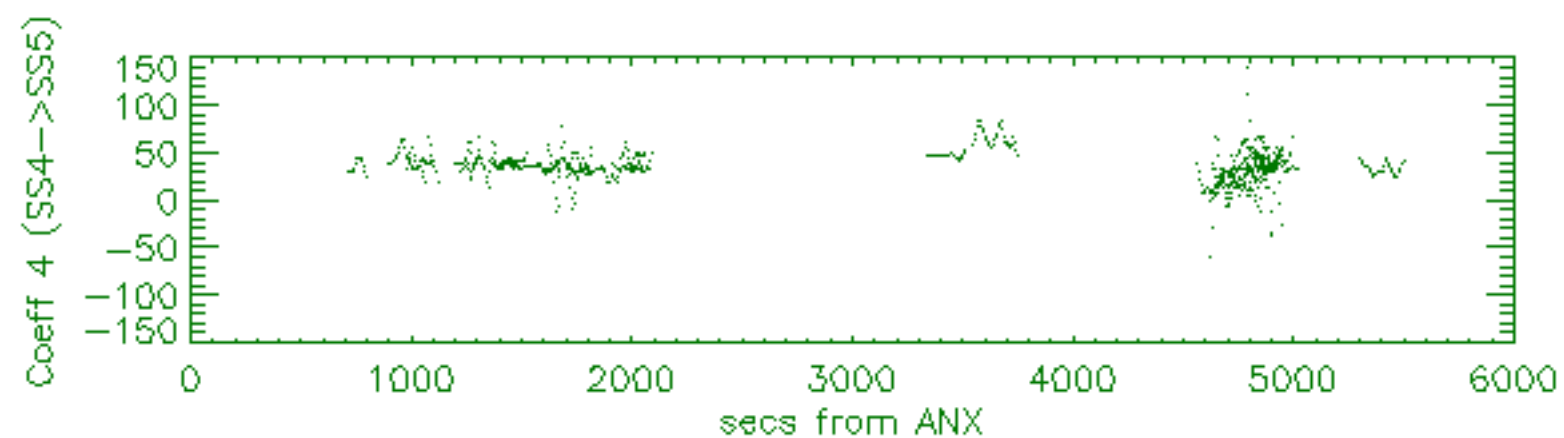
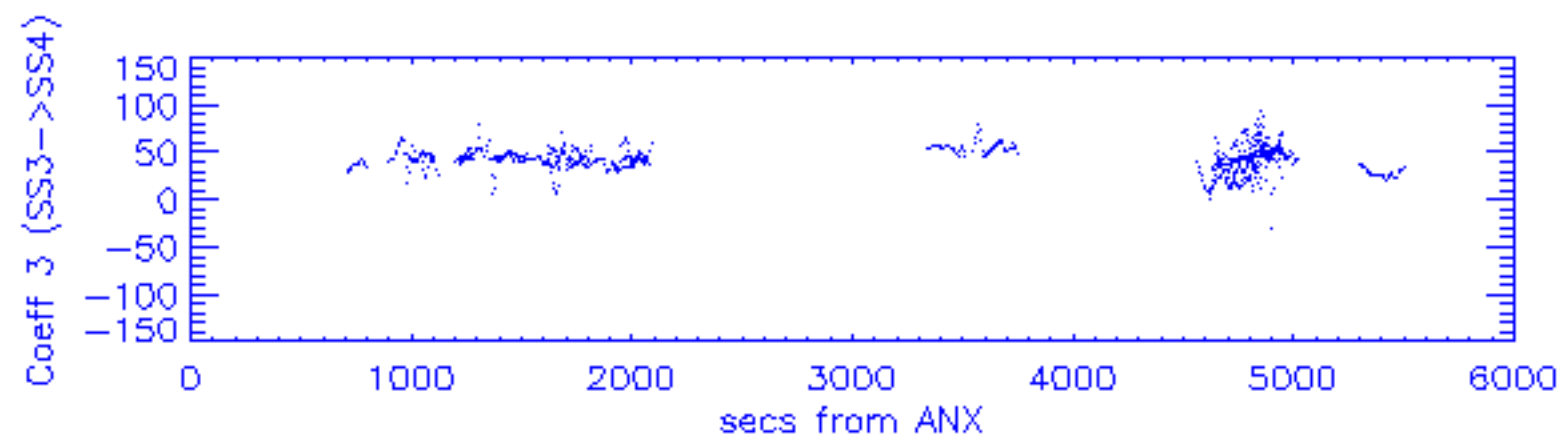
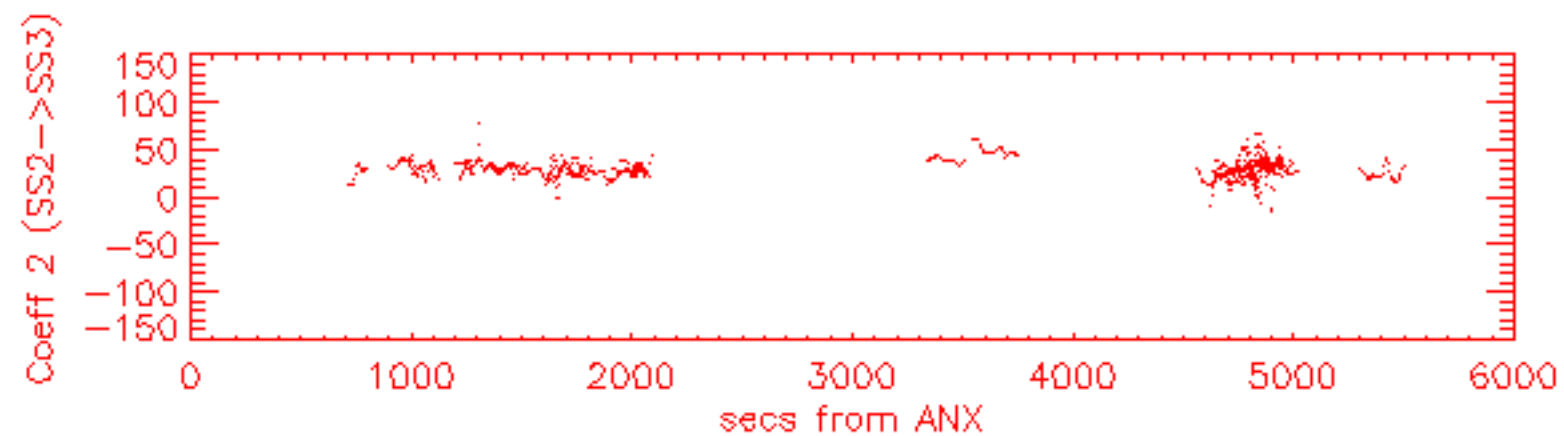
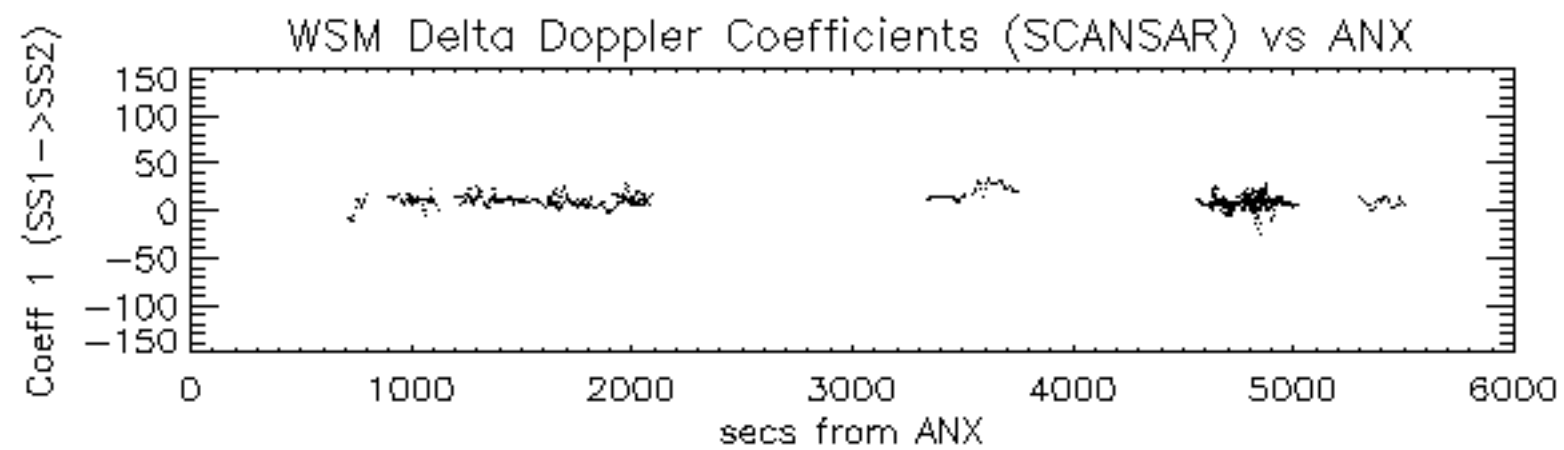


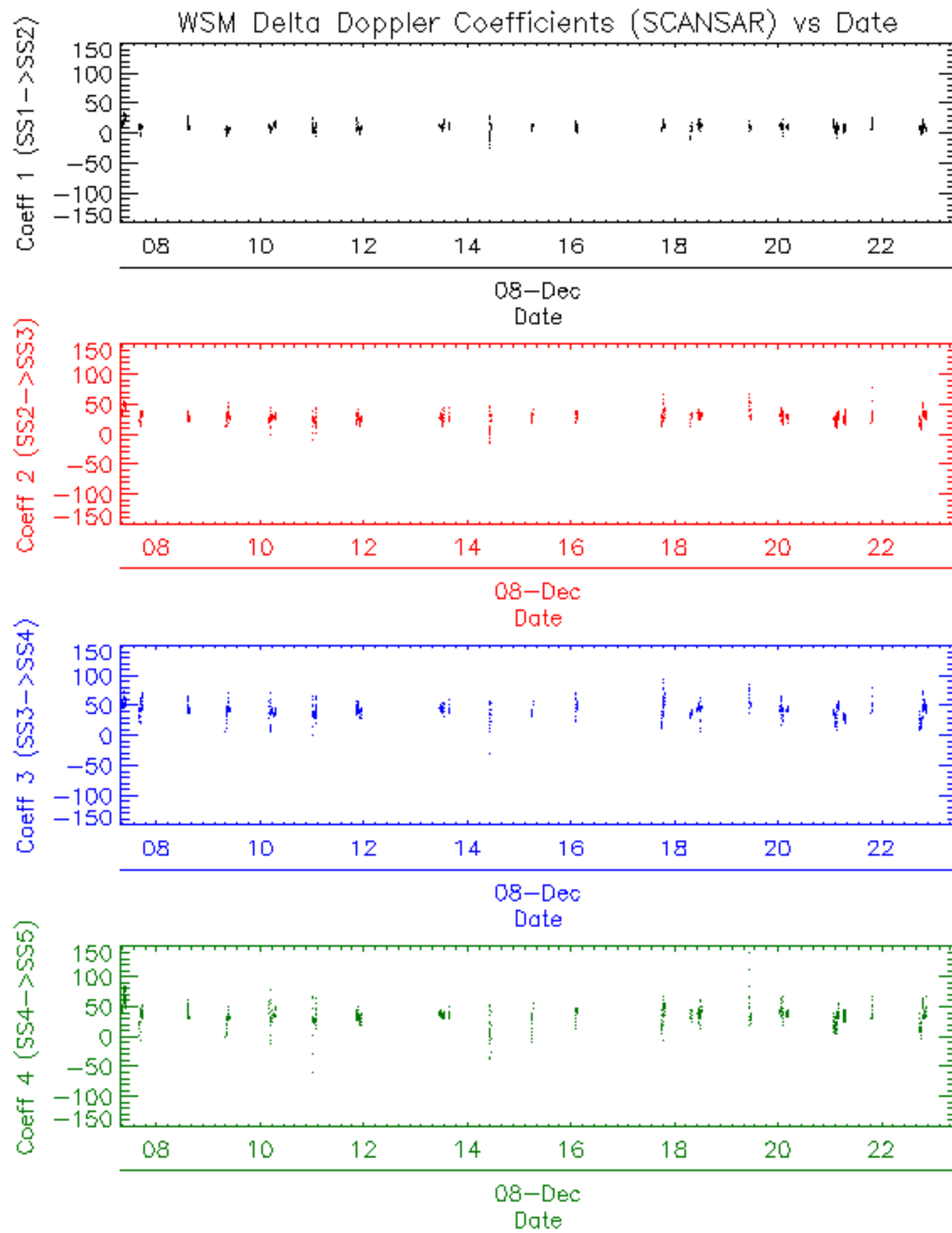






















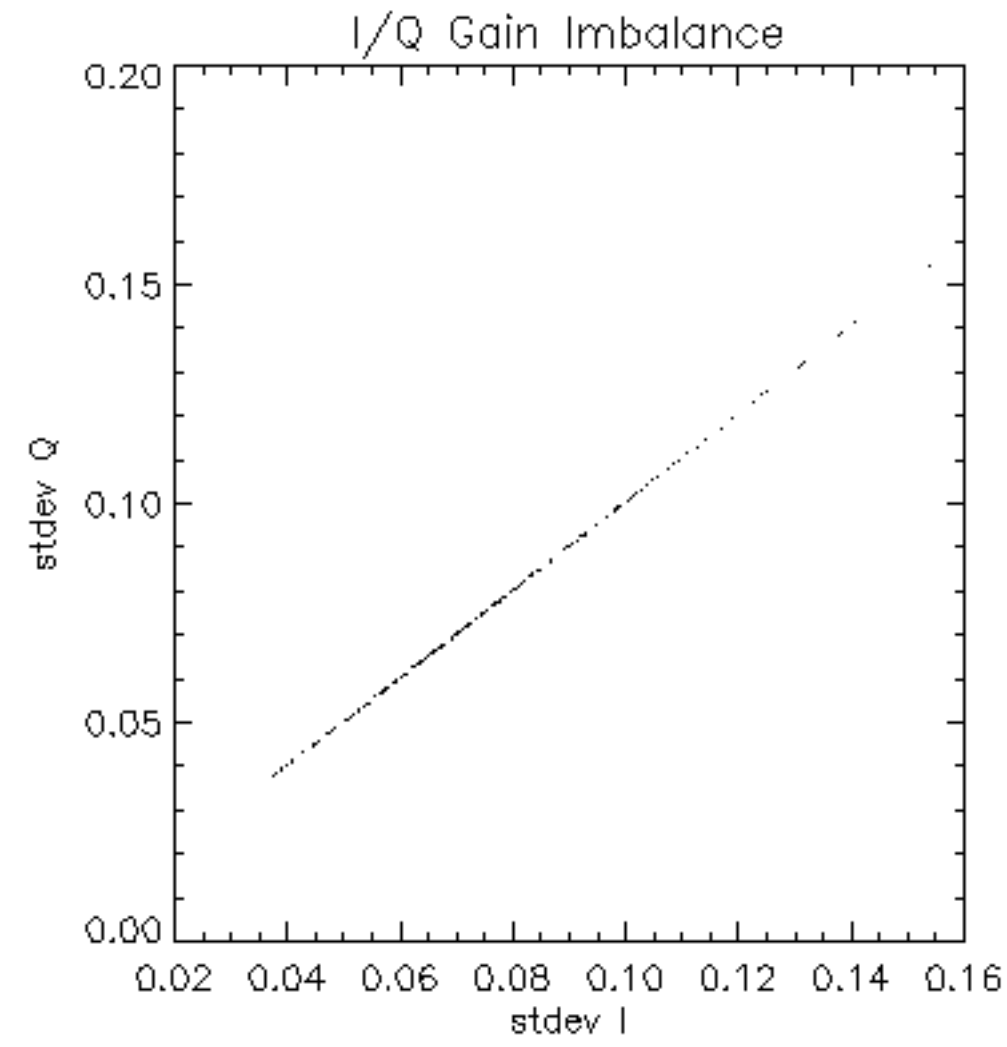




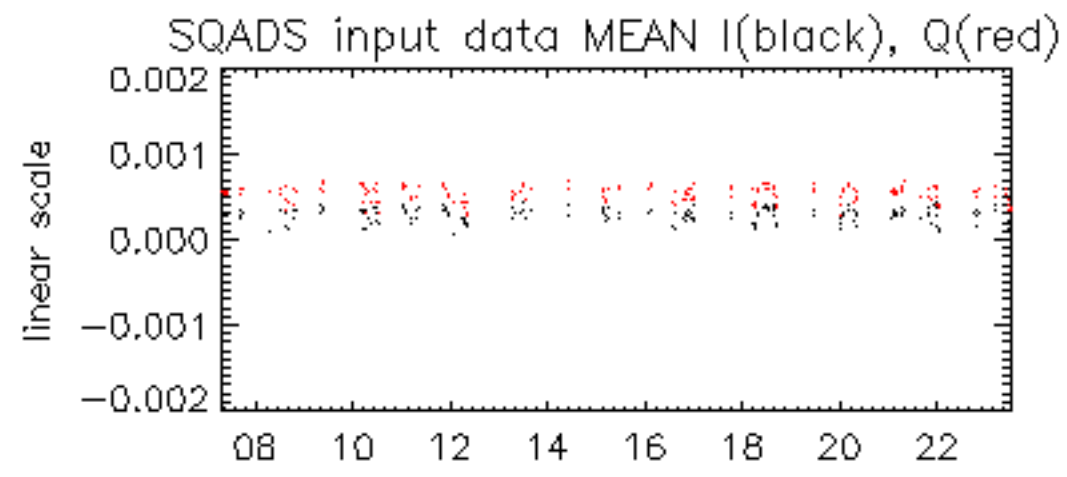




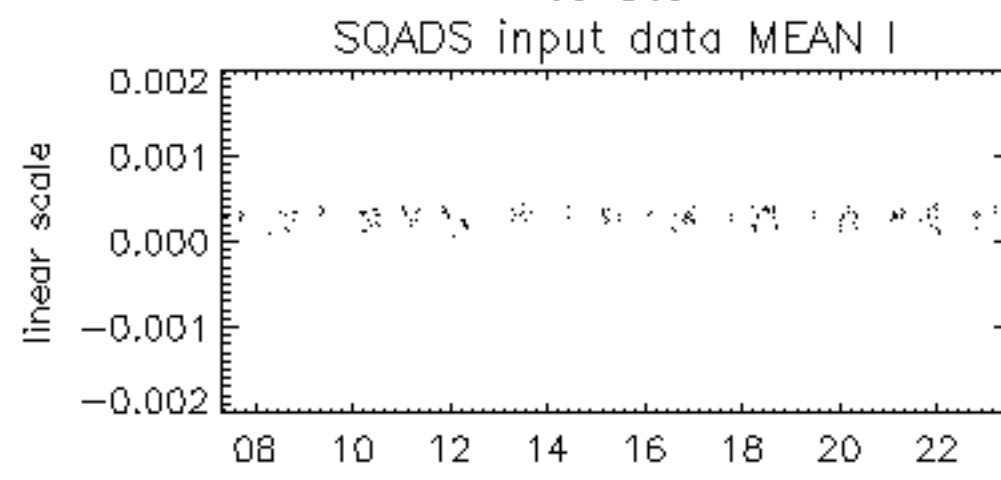




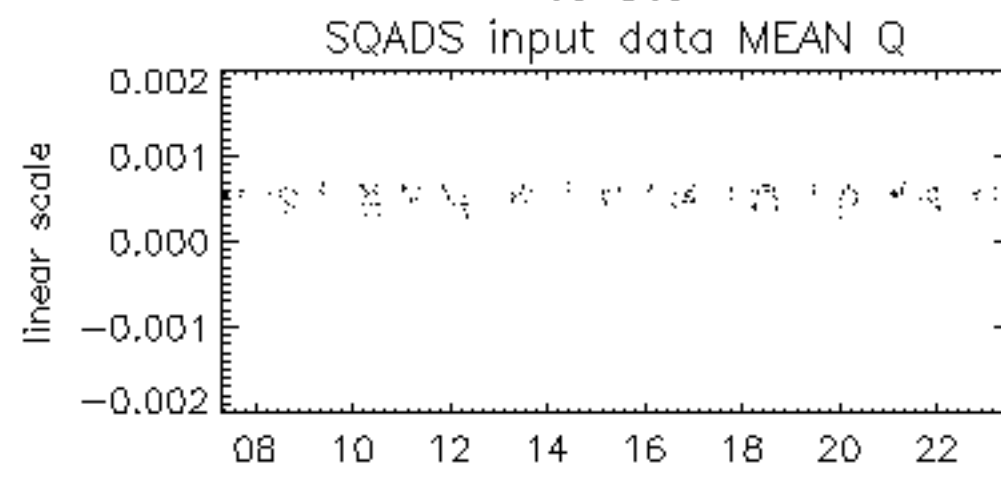




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