



Analysis from 24-SEP-2011 00:00:00 to 24-SEP-2011 23:59:59. Page generated on 25-SEP-2011 06:32:16.  
View log file: ASAR\_Daily\_Report\_20110925\_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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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	1	PDE	WS	H/H	27	PDE	IS1	H/H	1	PDE	IS2	H/H	2	PDE	WS	H/H	24	PDE	2011-09-24 00:14:23	V	320
PDE	IS2	V/V	24	PDK	WS	H/H	49	PDE	IS1	V/H	1	PDE	IS2	V/V	1	PDE	WS	V/V	6	PDE	2011-09-24 21:57:25	H	320
PDK	IS2	V/V	24					PDE	IS2	H/H	1	PDE	IS6	H/H	5	PDK	WS	H/H	14	PDE	2011-09-24 23:37:39	V	320
								PDE	IS4	V/H	1	PDK	IS6	H/H	1	PDK	WS	V/V	4				

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

### 2.2 - Products with wrong ADFs

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

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

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

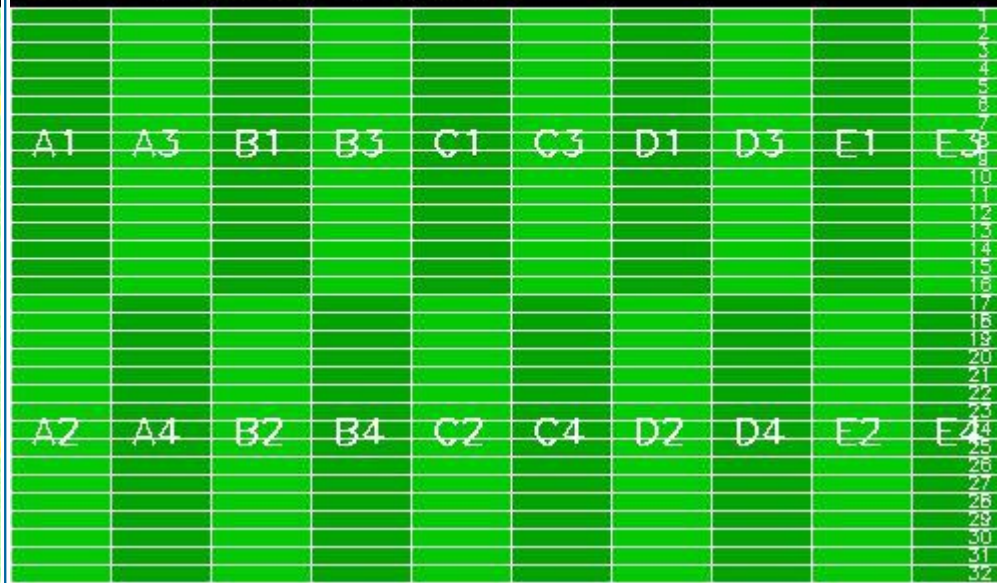
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
------------------------	----------------------------

Pre-launch reference (2001-02-09)

Previous product in the same polarisation

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2011-09-24 23:37:39 V

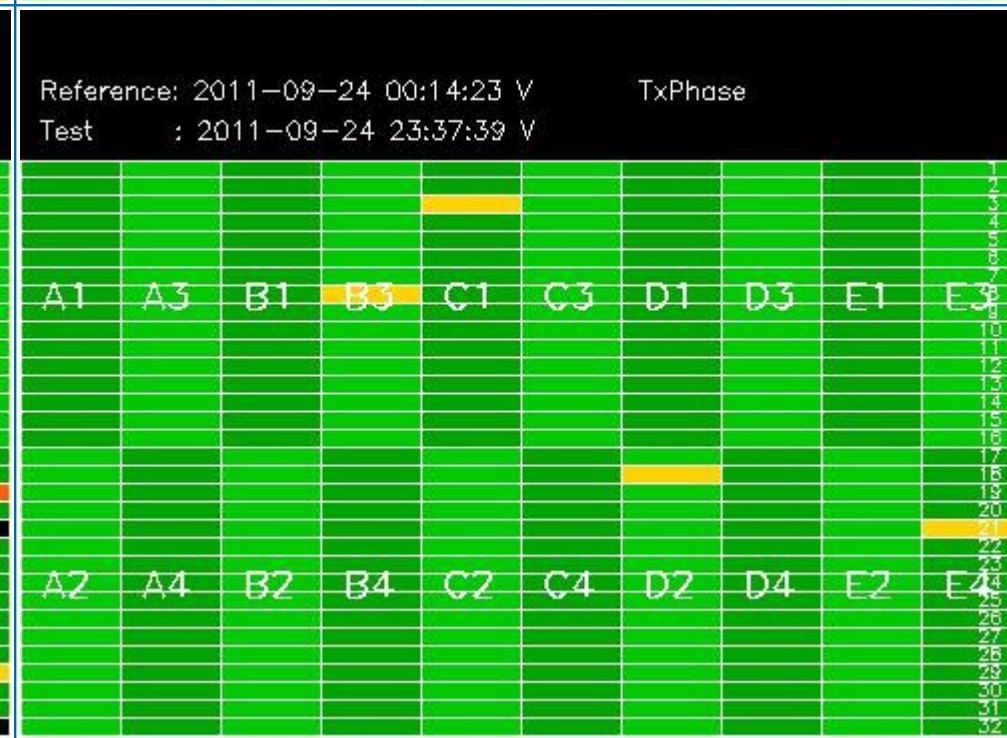
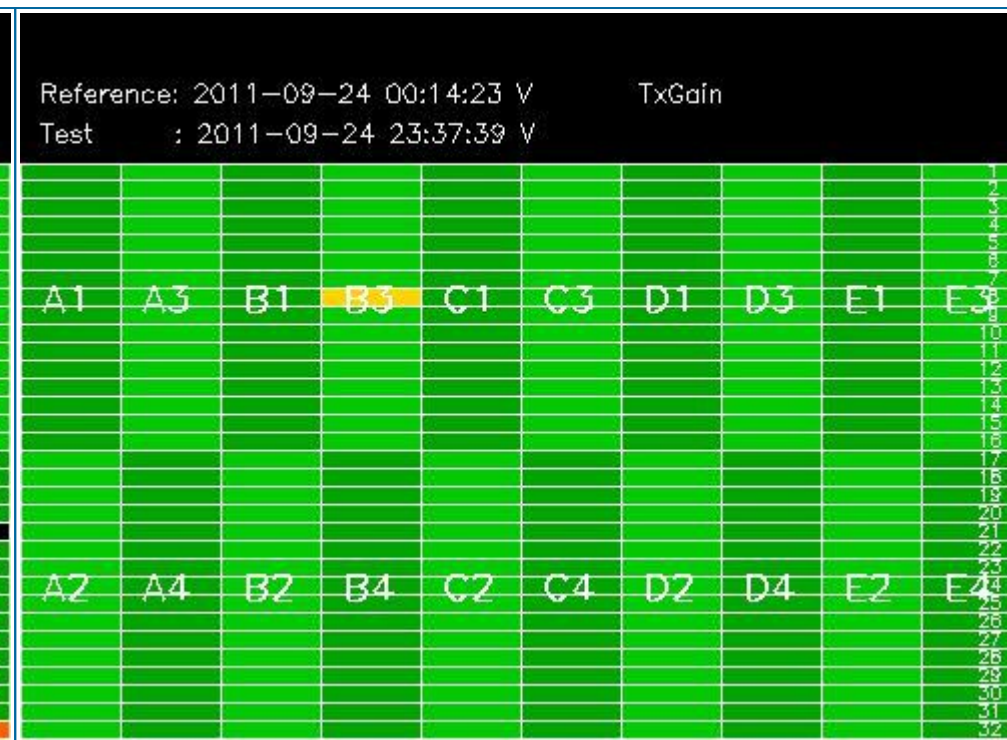
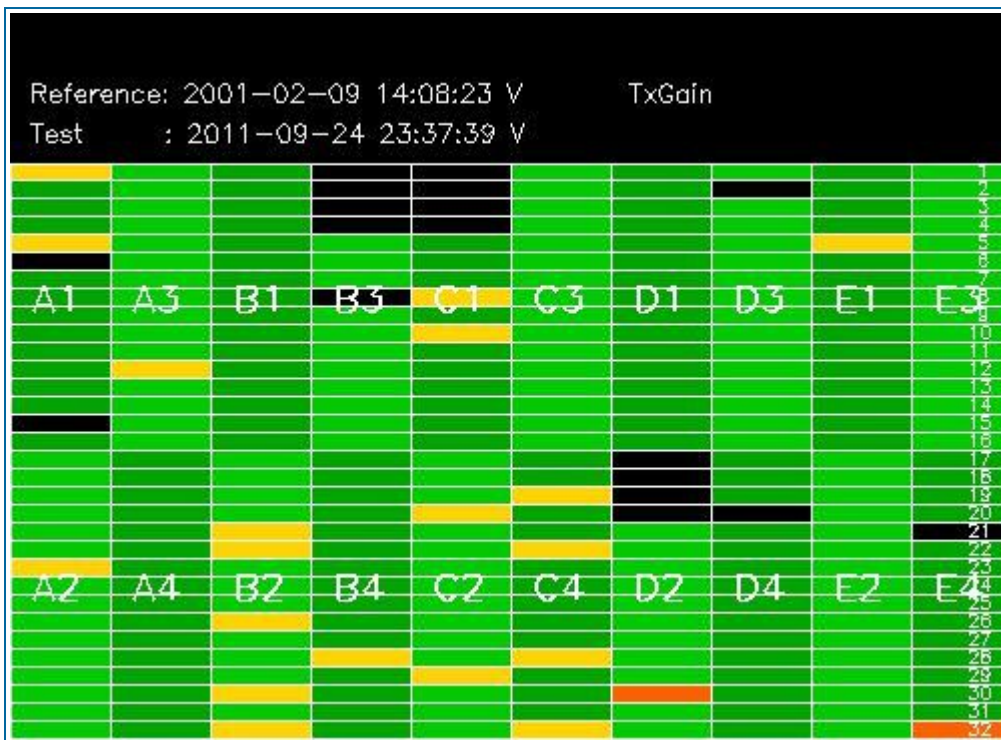
Reference: 2011-09-24 00:14:23 V RxGain  
 Test : 2011-09-24 23:37:39 V



Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2011-09-24 23:37:39 V

Reference: 2011-09-24 00:14:23 V RxPhase  
 Test : 2011-09-24 23:37:39 V





### 3.2 - H/H polarisation

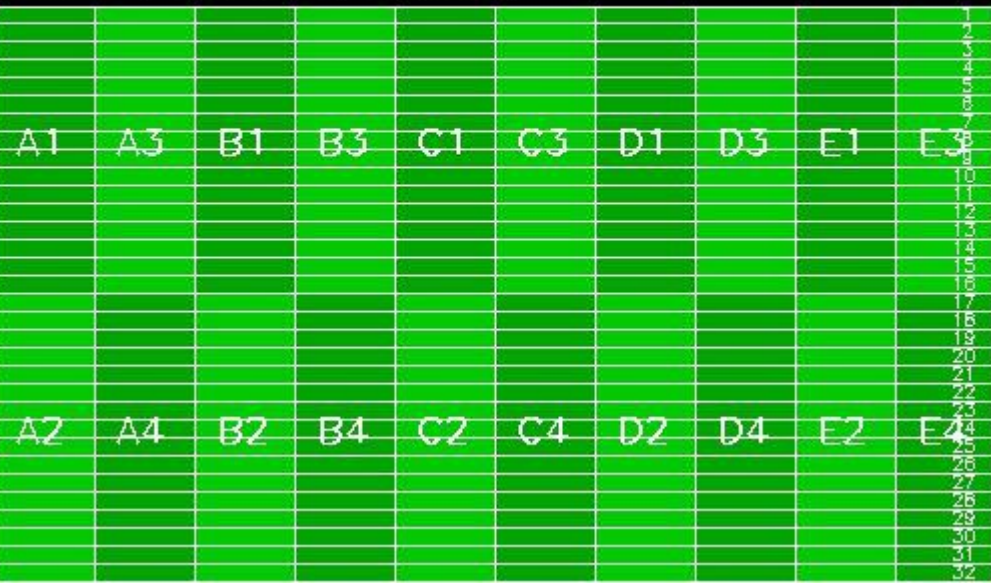
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-09-24 21:57:25 H



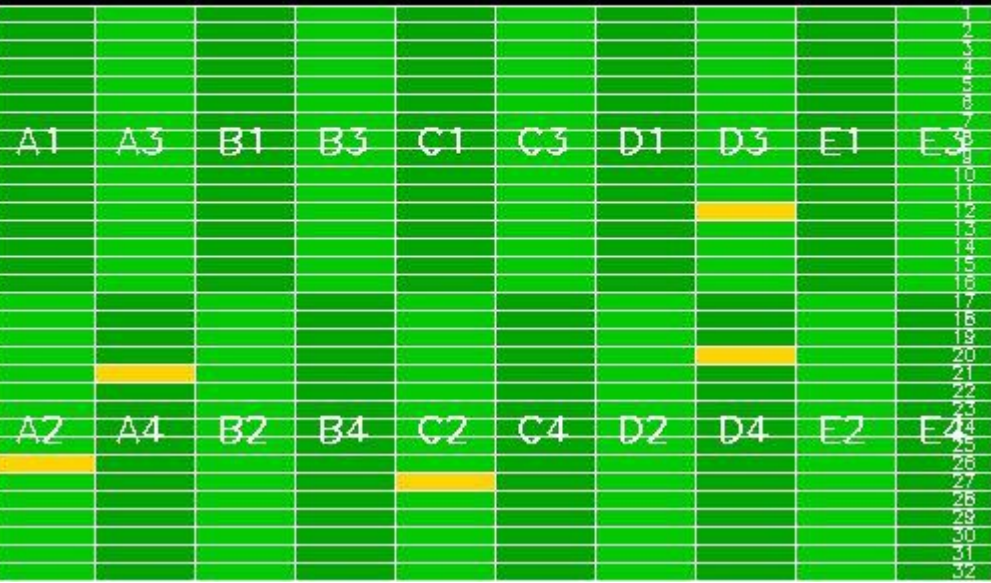
Reference: 2011-09-23 22:34:09 H RxGain  
 Test : 2011-09-24 21:57:25 H



Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-09-24 21:57:25 H



Reference: 2011-09-23 22:34:09 H RxPhase  
 Test : 2011-09-24 21:57:25 H





## 4 - CALIBRATION PULSES ANALYSIS

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

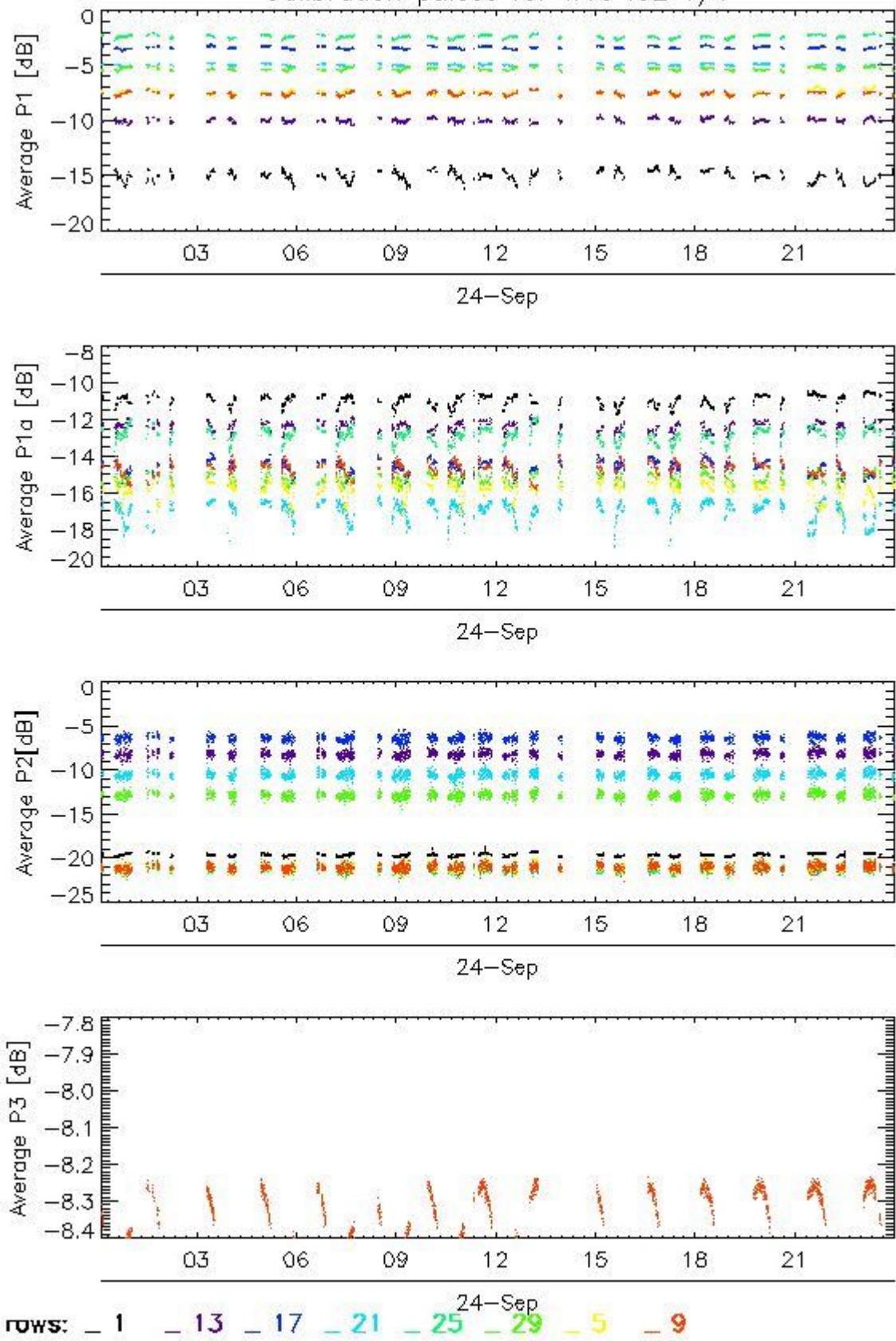
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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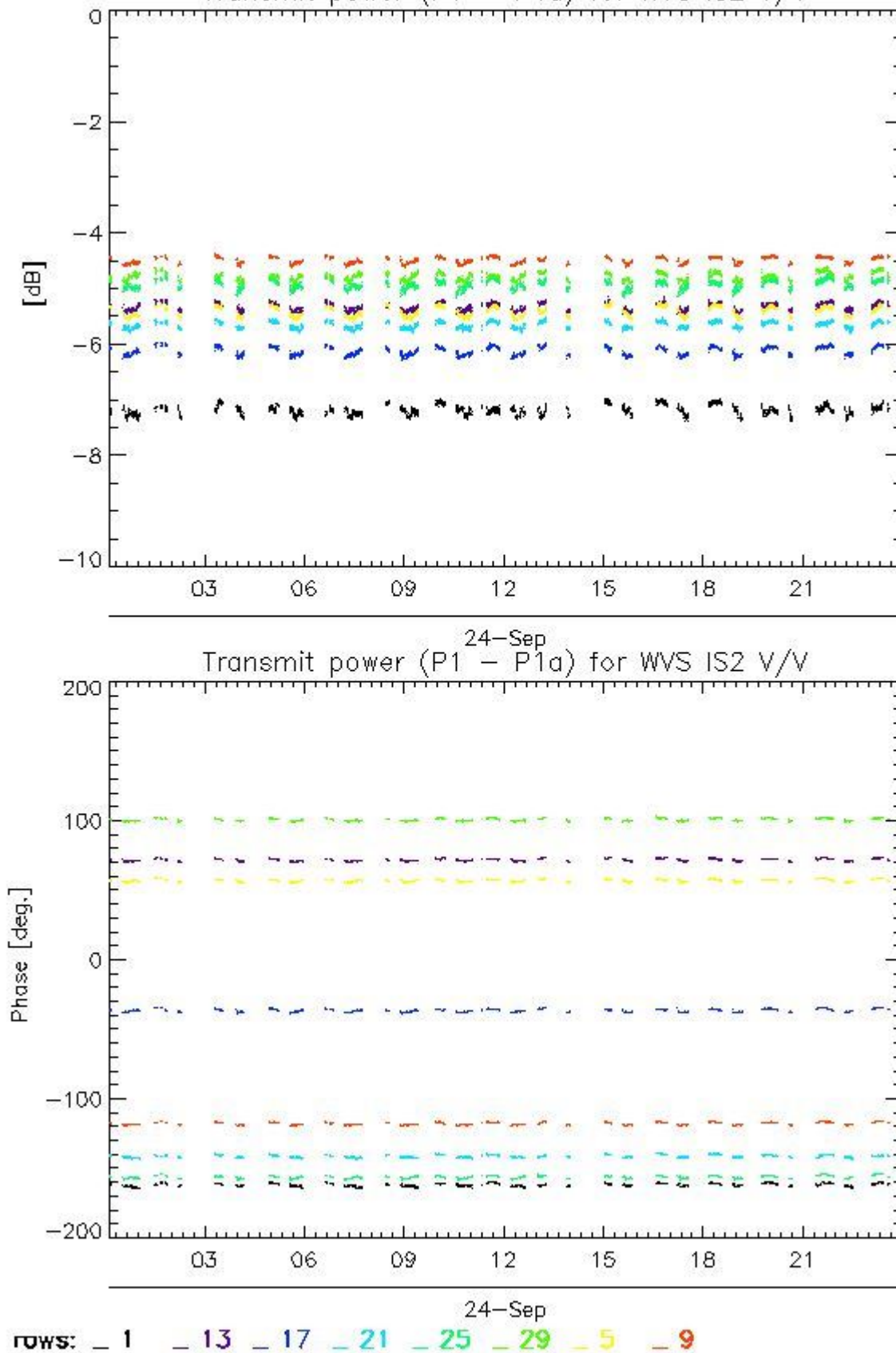
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



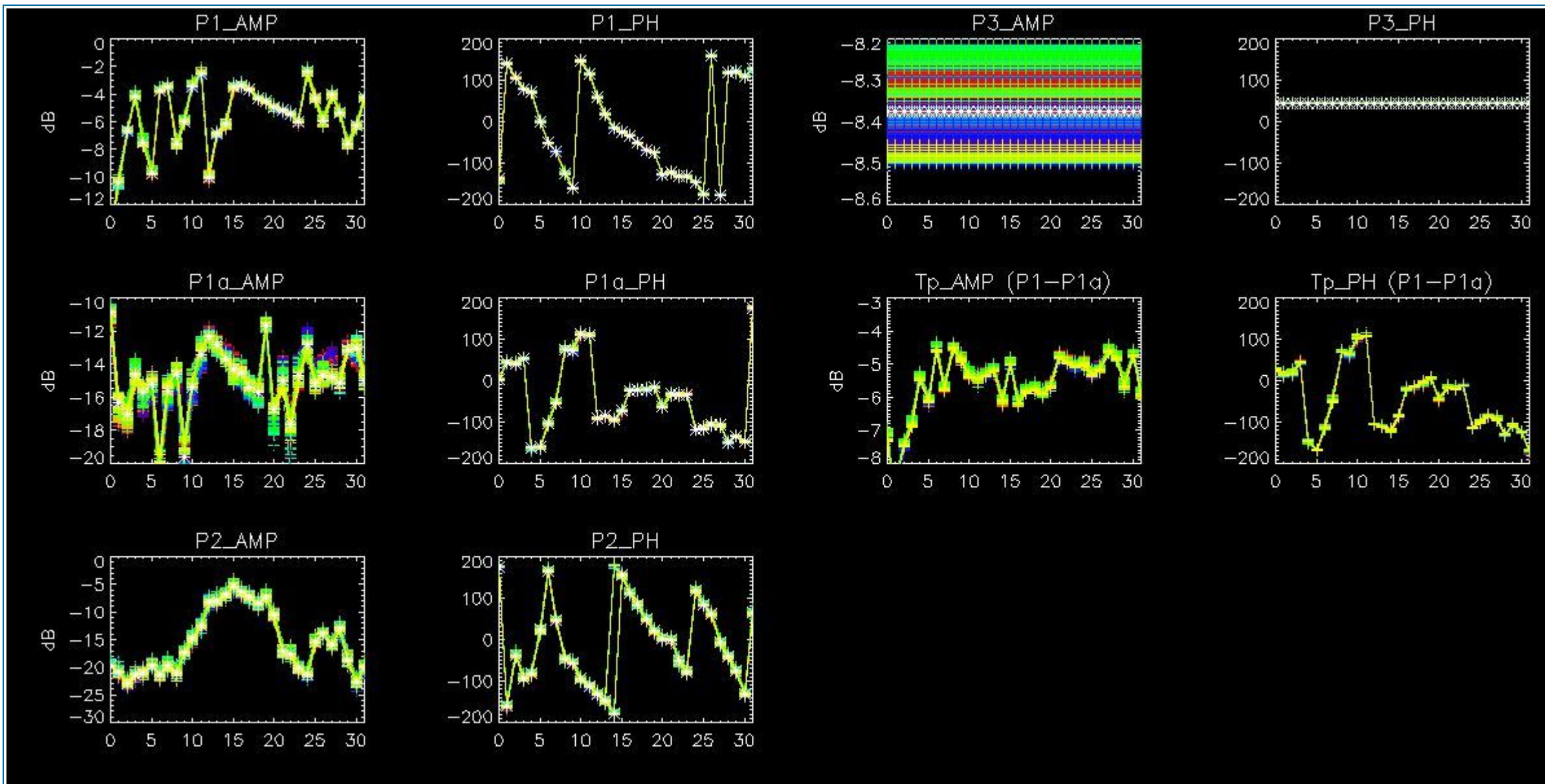
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 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

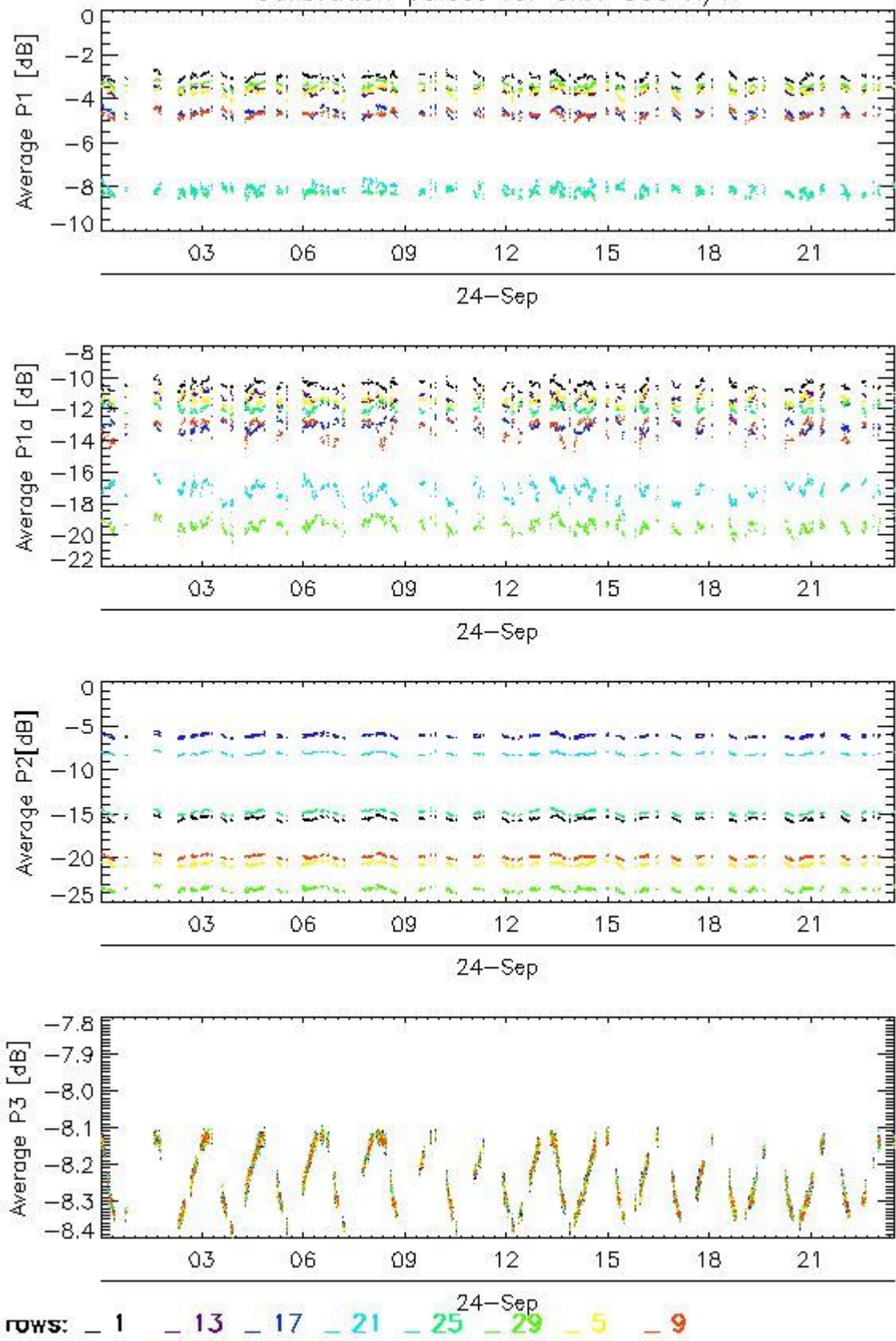
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

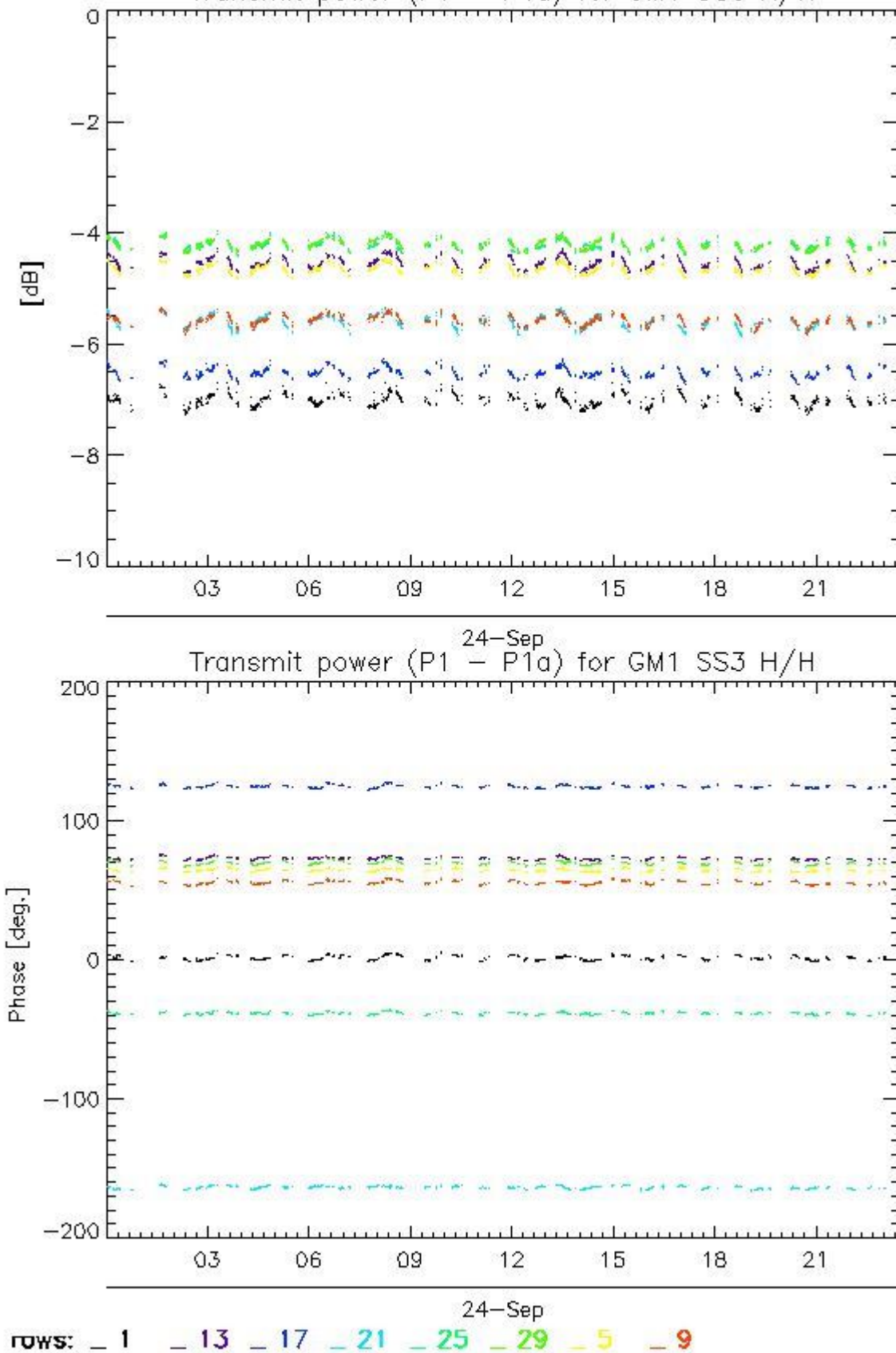
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



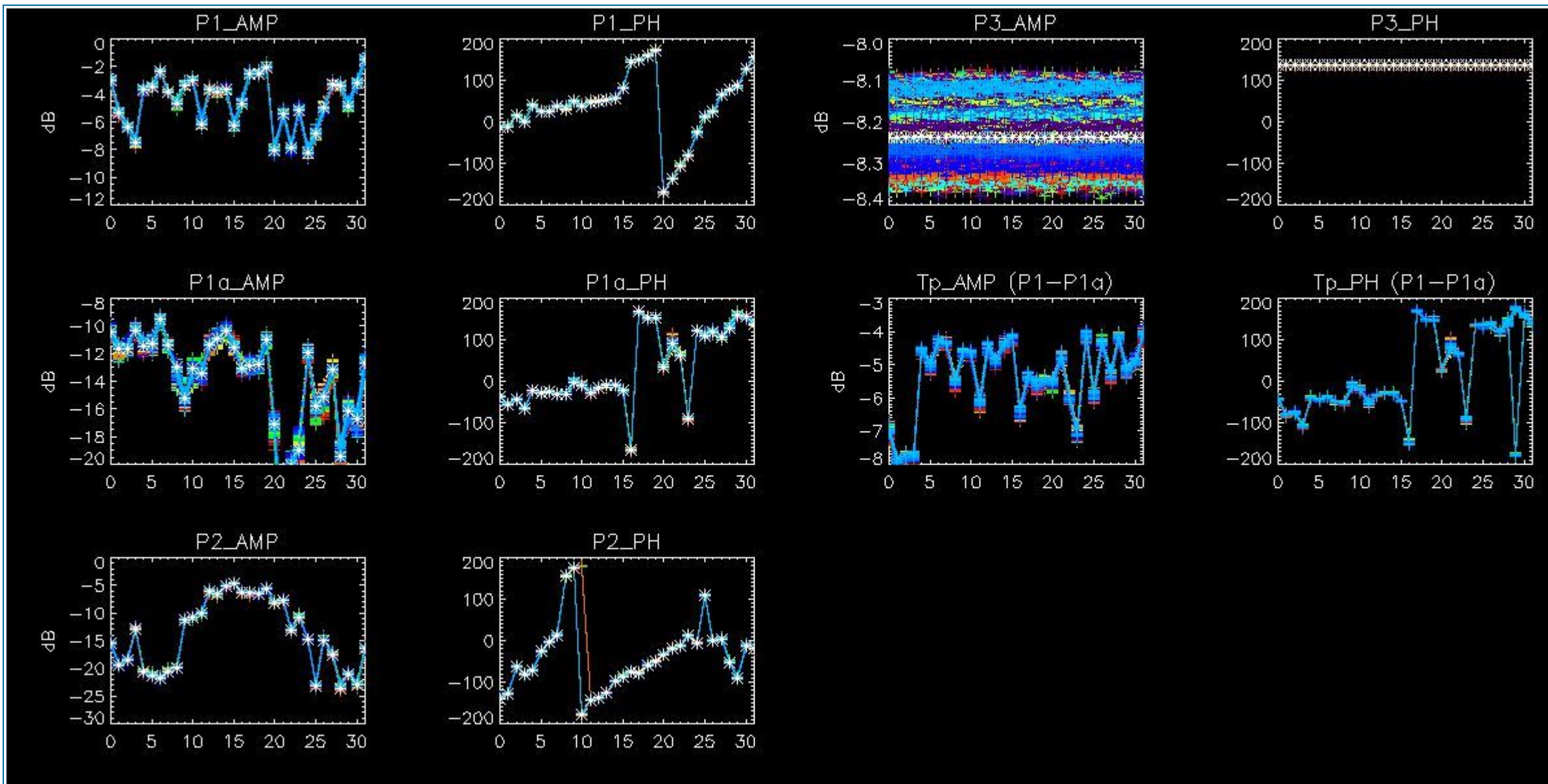
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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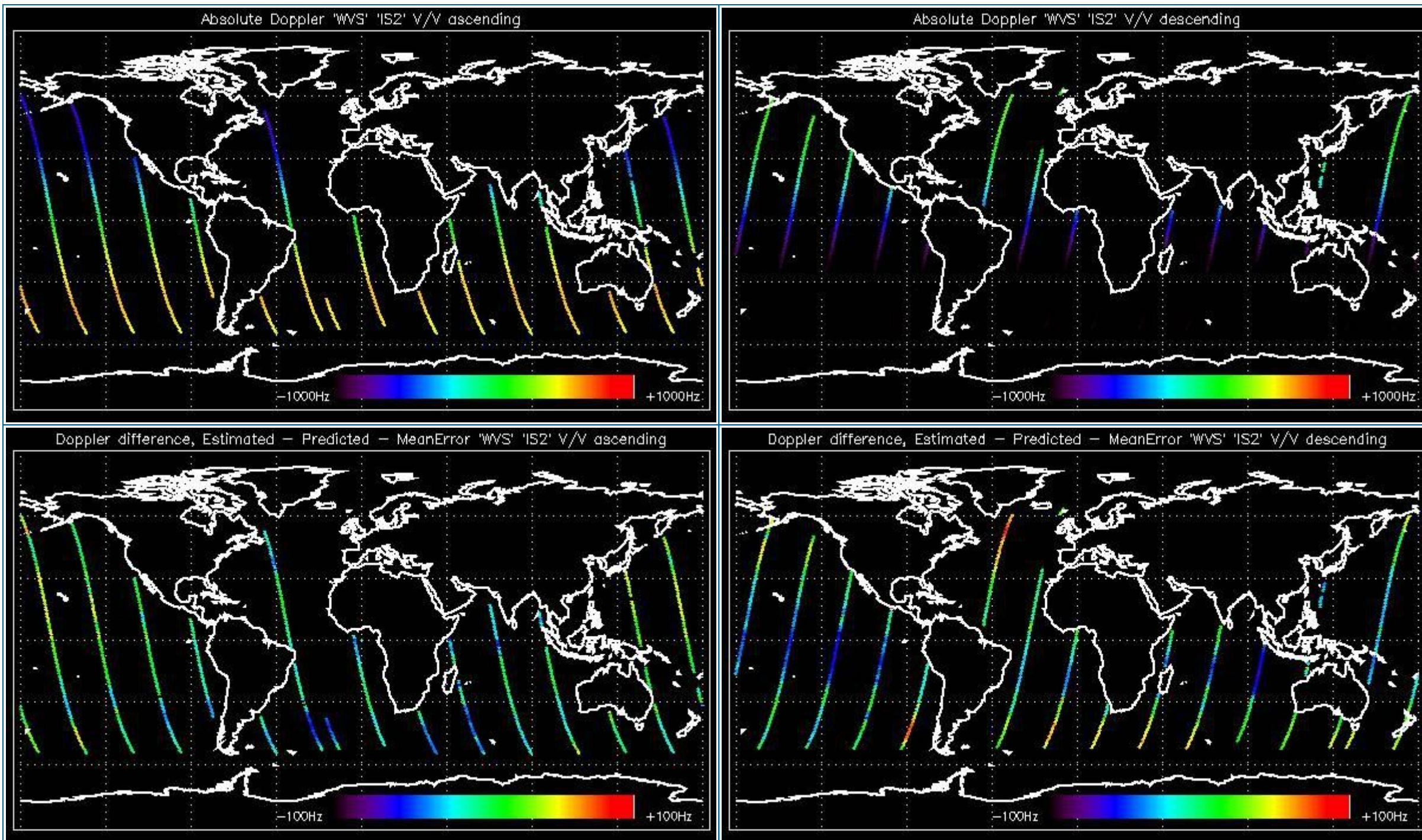
## 5 - DOPPLER ANALYSIS

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

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

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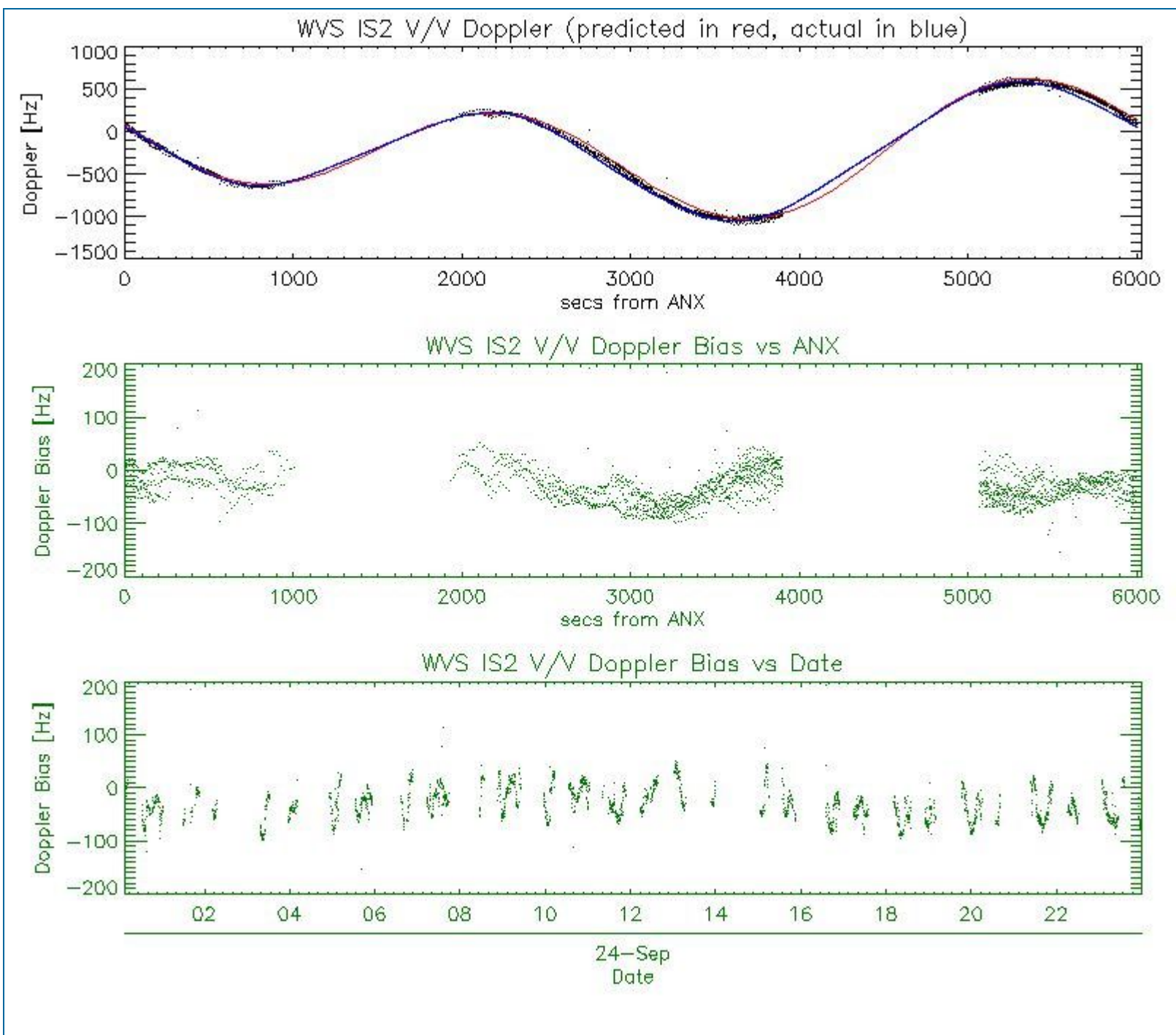




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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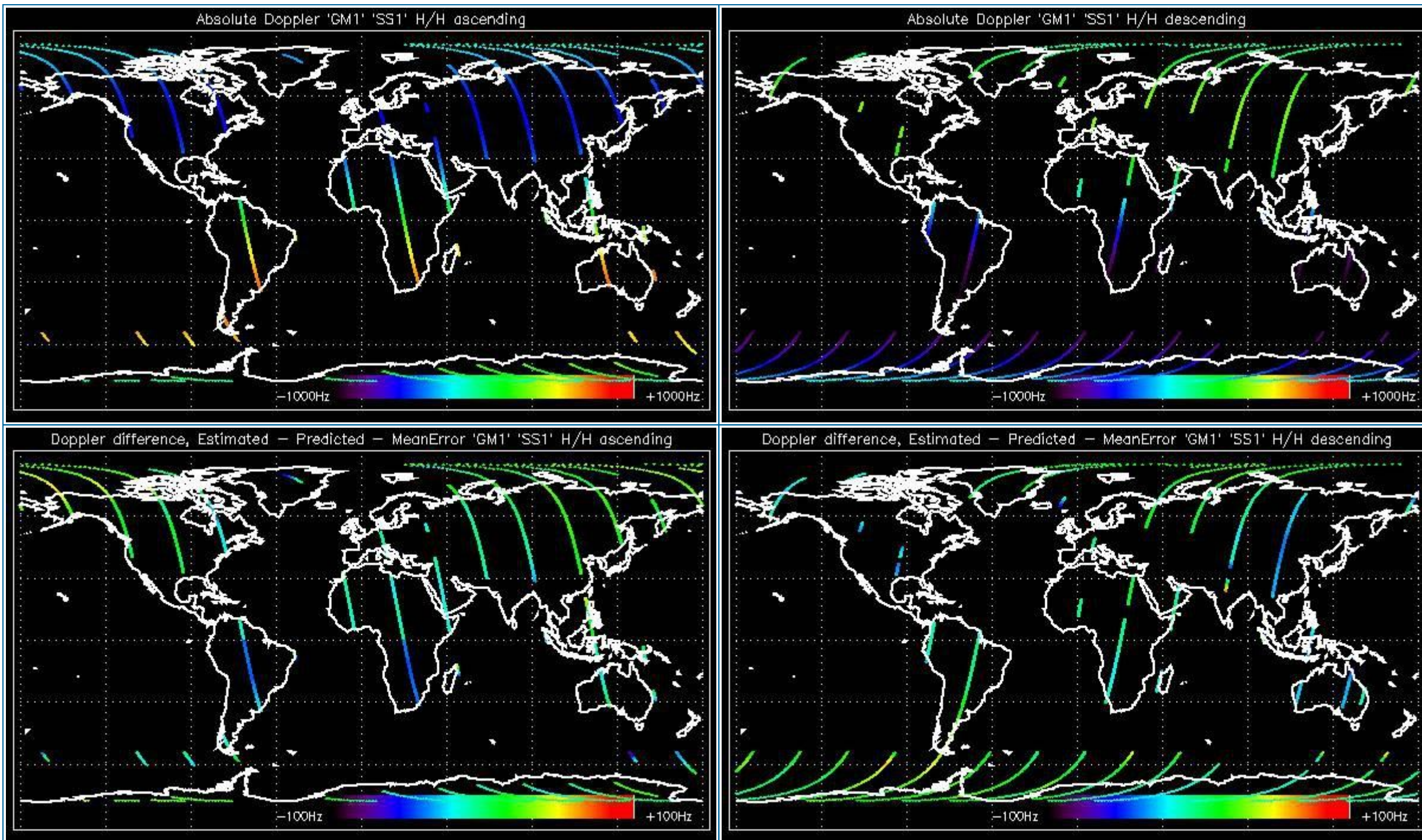


## 5.2 - Analysis for GM1 SS1 H/H

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

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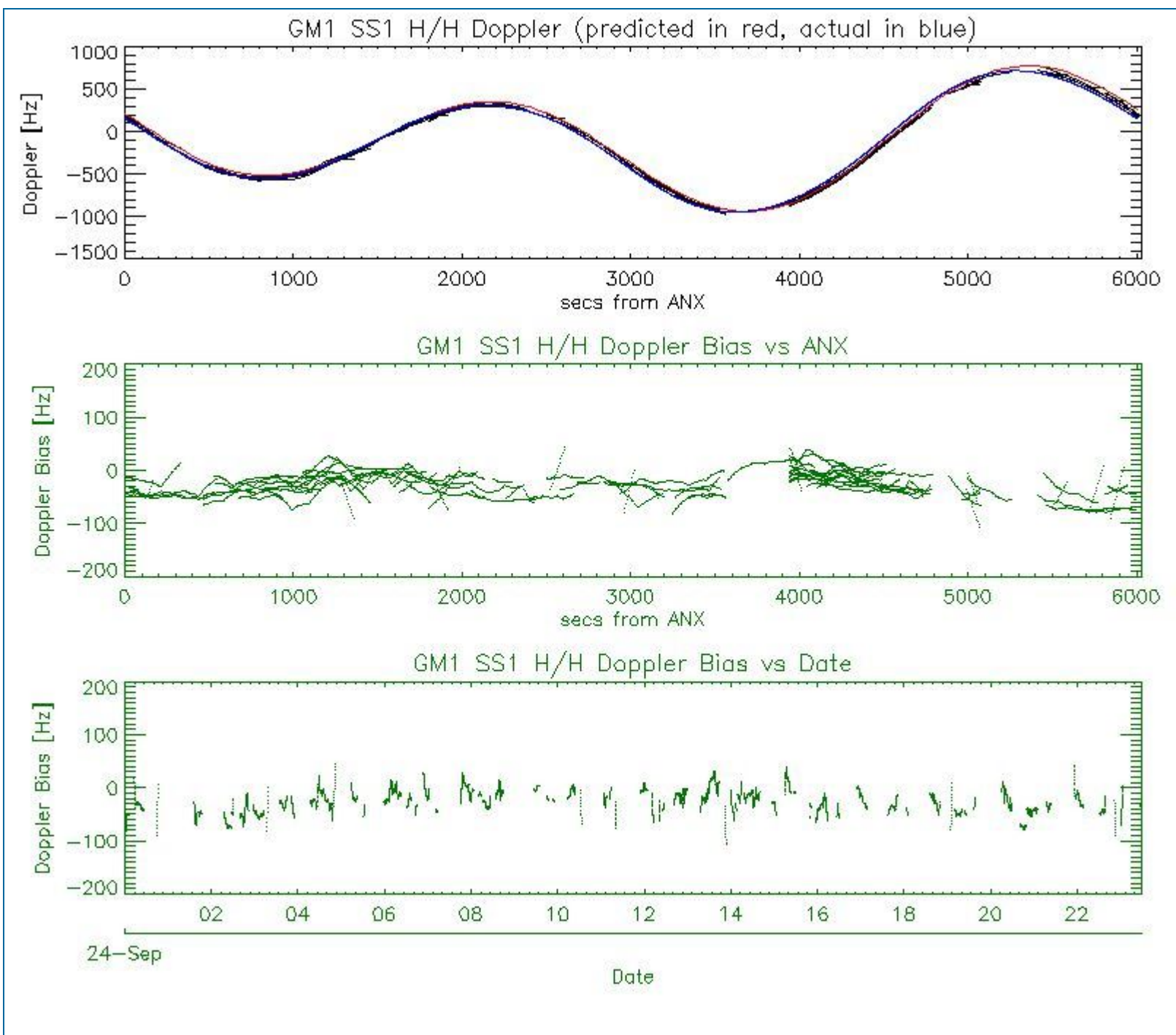




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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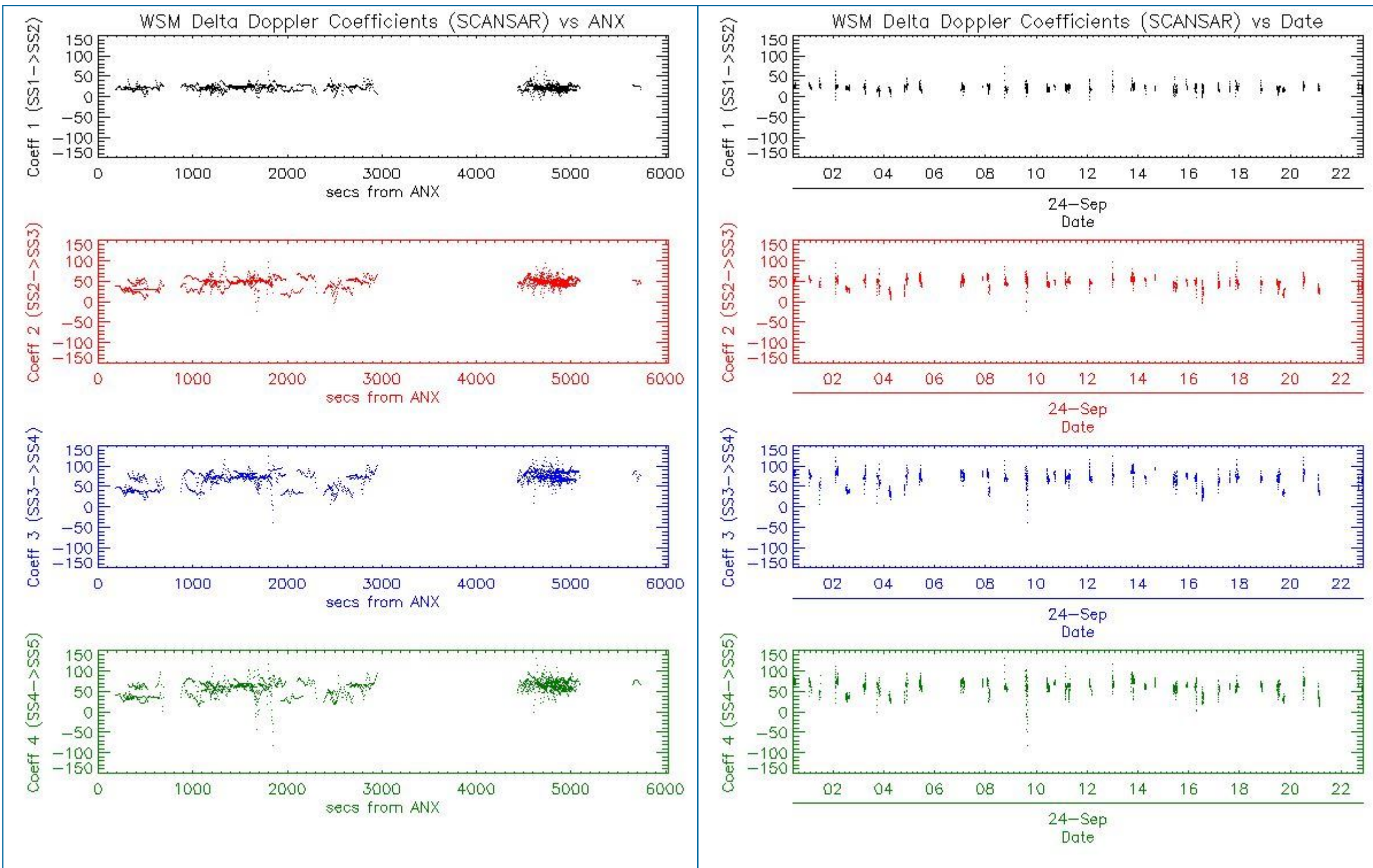




### 5.3 - Doppler JUMPS Analysis for WSM

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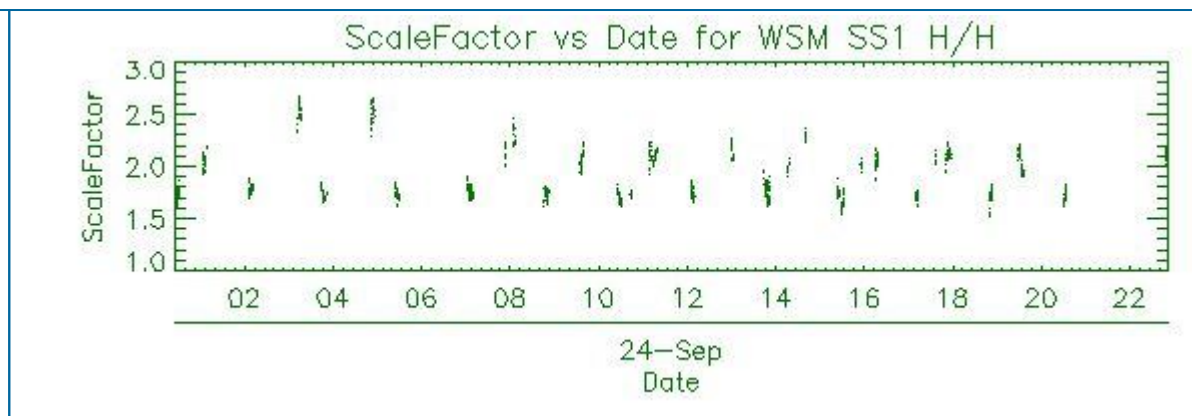
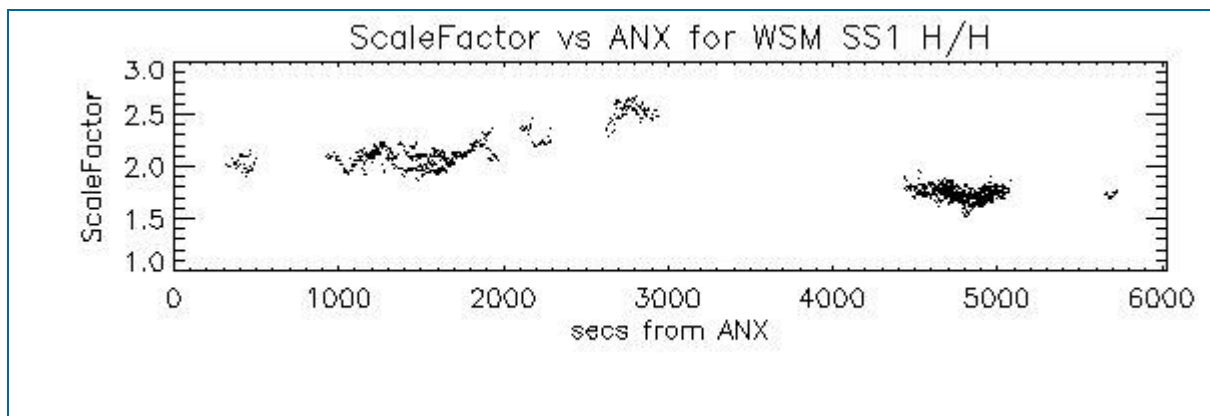
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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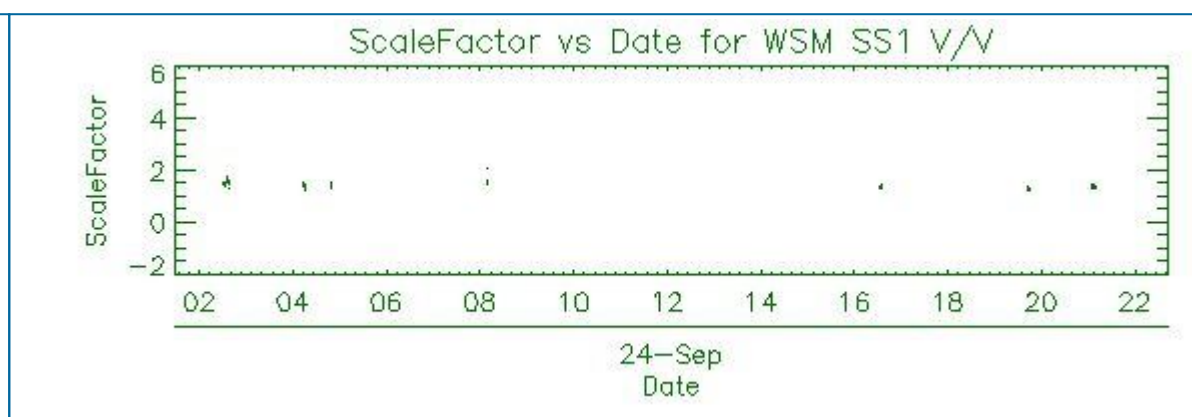
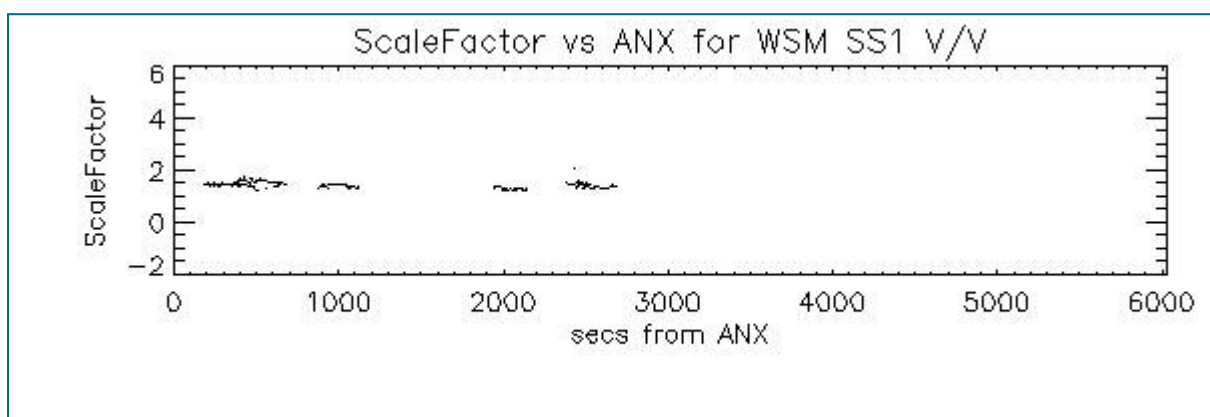




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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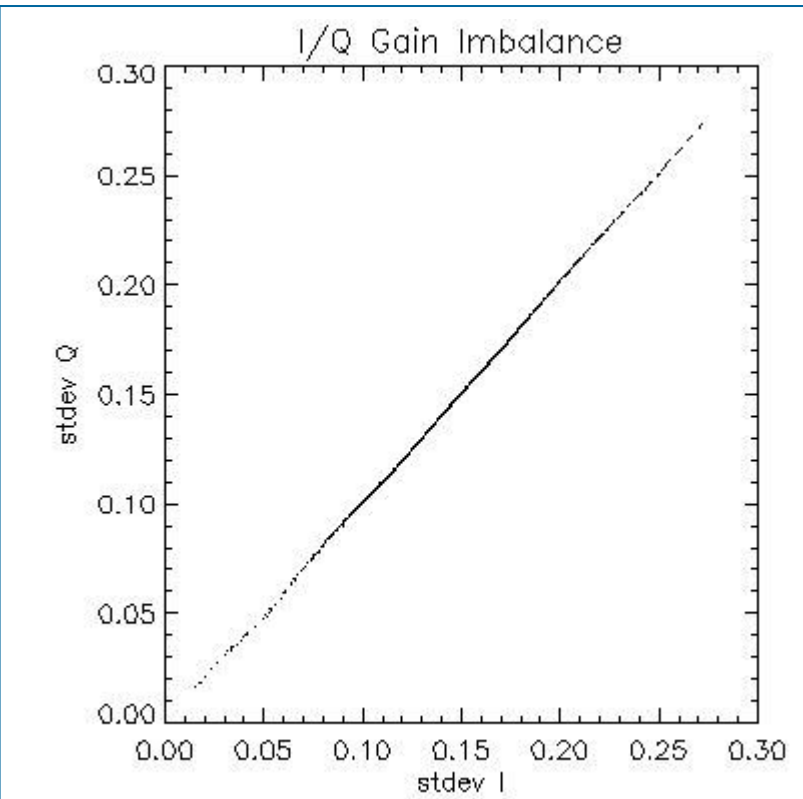
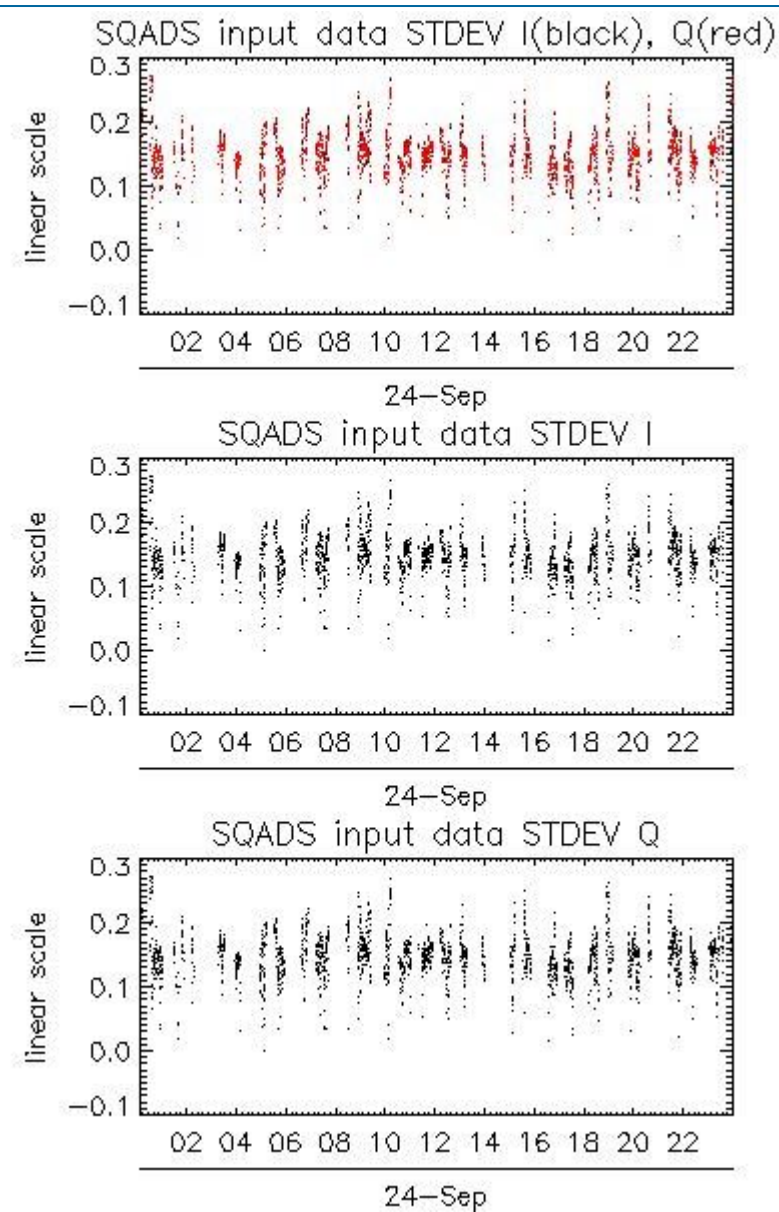
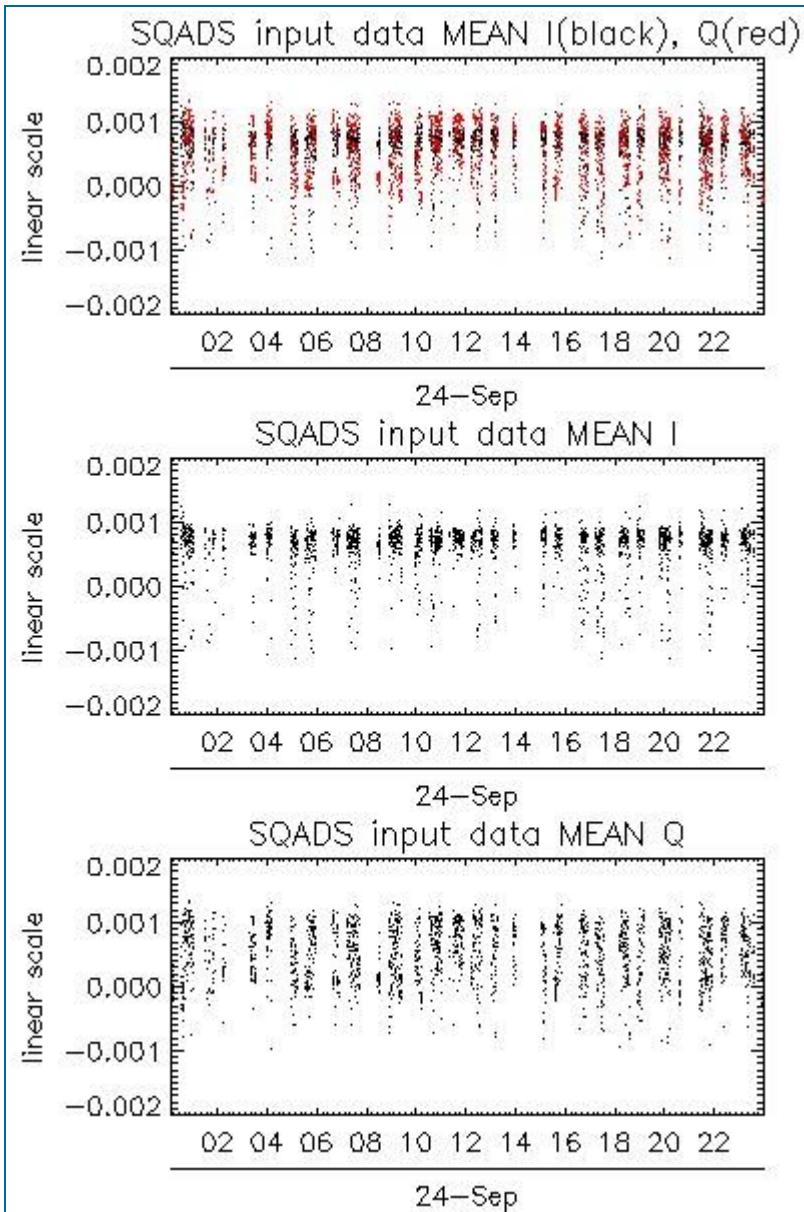
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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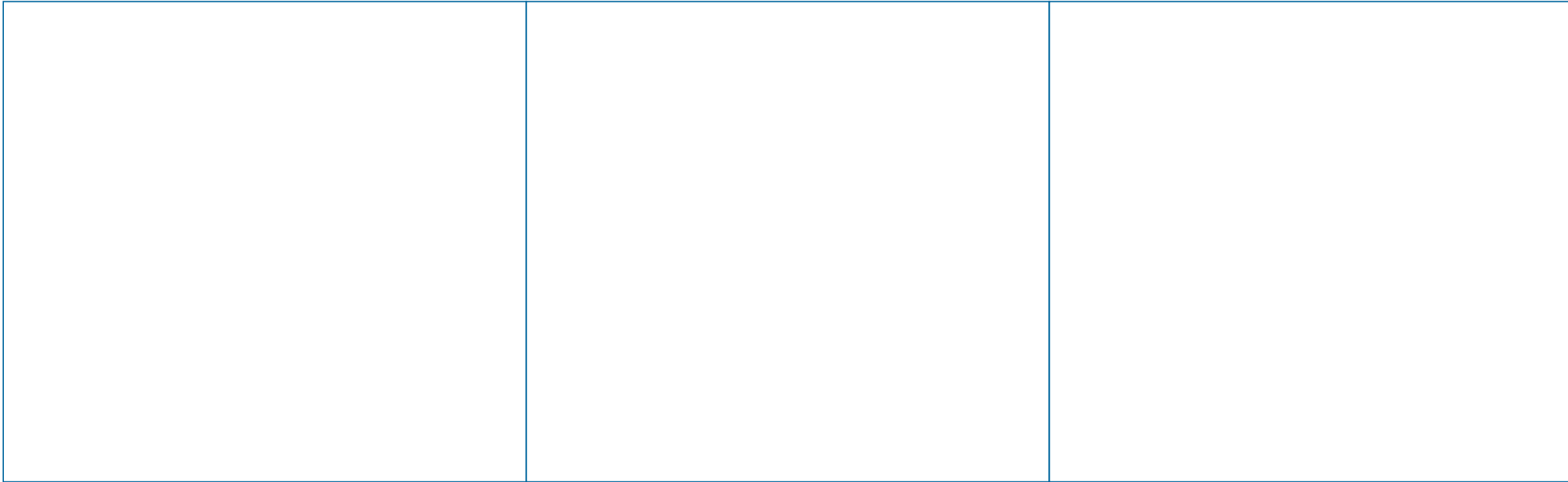


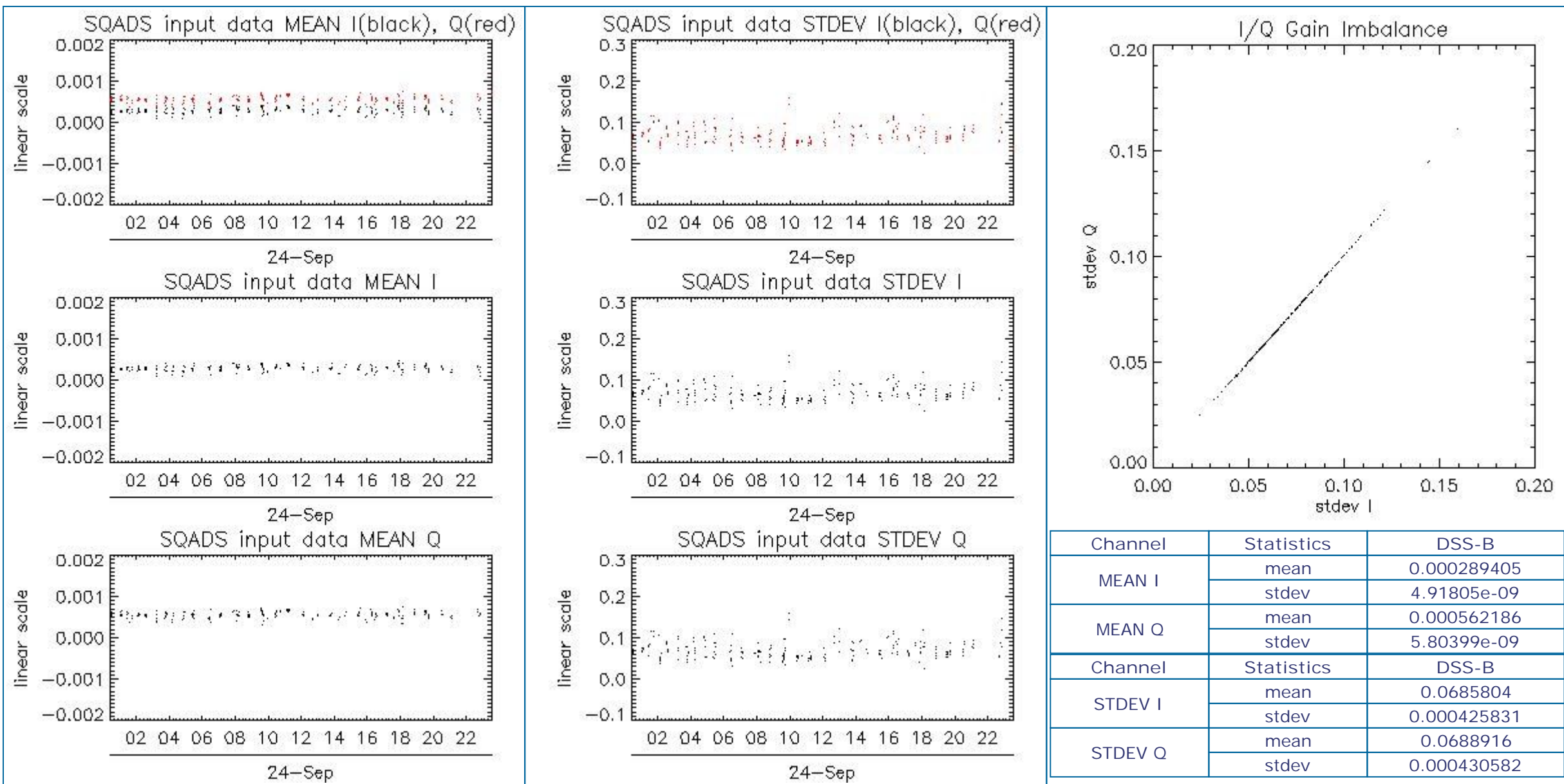


Channel	Statistics	DSS-B
MEAN I	mean	0.000617642
	stdev	1.31097e-07
MEAN Q	mean	0.000526154
	stdev	1.99804e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.148609
	stdev	0.00127284
STDEV Q	mean	0.149141
	stdev	0.00129645

7.2 - Analysis for IMM

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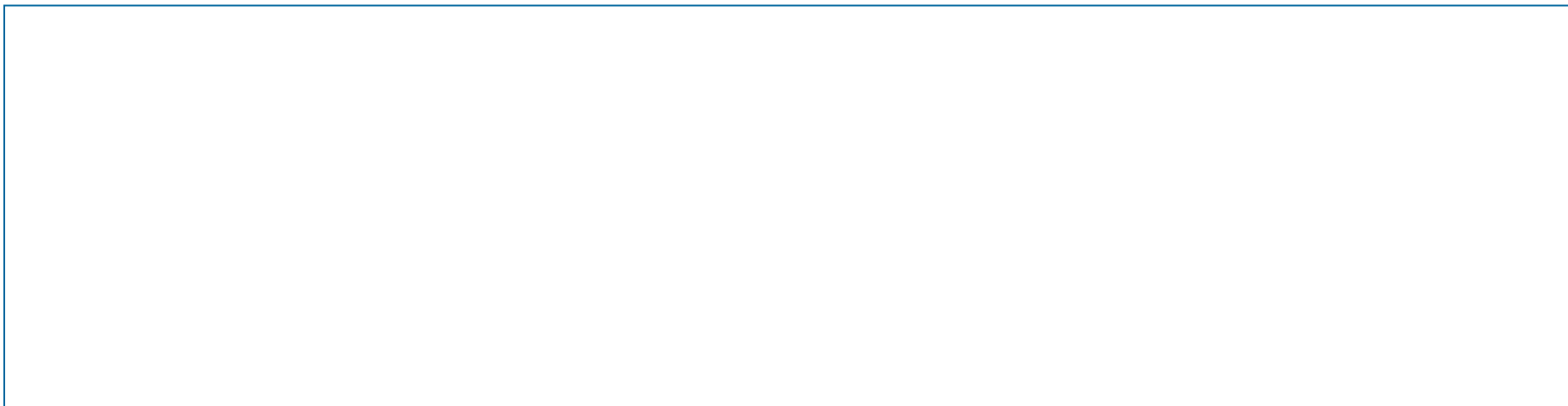


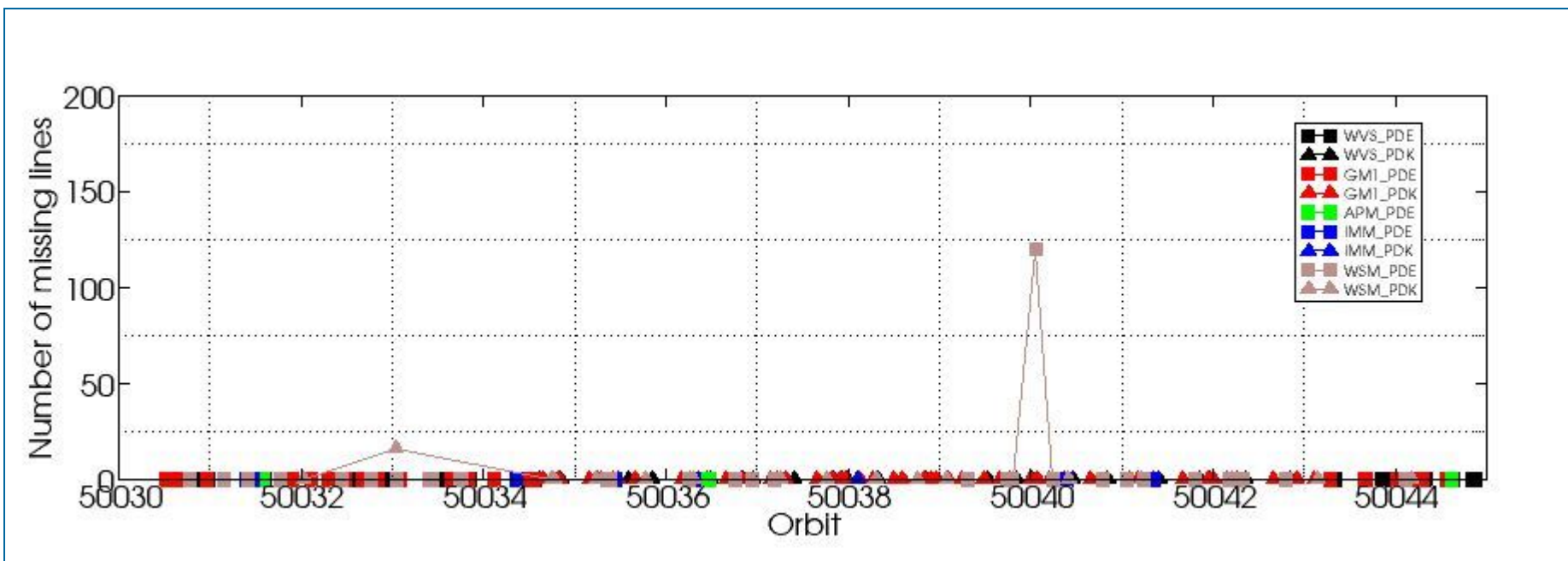
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20110924_155446_000001353107_00026_50040_4338.N1	0	120
PDK	ASA_WSM_1PNPDK20110924_041218_000002693107_00019_50033_3820.N1	0	16

### 8.1 - Number of Missing lines

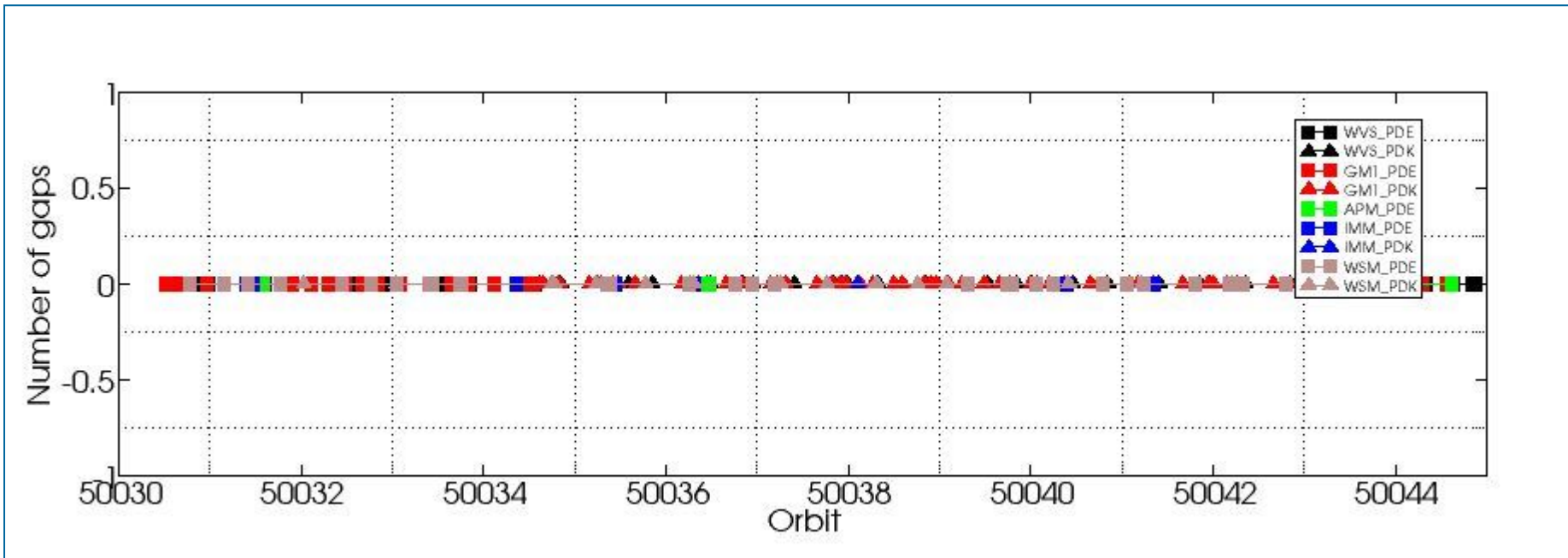
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110924  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-09-24 00:00:00

Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110924/

DATA SUMMARY  
#####  
Summary will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110924/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110924/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110924/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110924/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110924/AUXILIARY...

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



ADF filter 20110924\*current\_3\_IECF\_ADFs.txt  
 Found list 20110924\_030003\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20110526\_075001\_20101027\_215740\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20110526\_075734\_20101027\_215740\_20141231\_000000

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110924_000750_000002553107_00016_50030_3985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_003216_000002103107_00016_50030_3983.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_003501_000005393107_00016_50030_4022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_004606_000009593107_00016_50030_4032.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_012955_000001893107_00017_50031_4029.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_014038_000001043107_00017_50031_4028.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_014733_000003003107_00017_50031_4026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_021201_000001203107_00017_50031_4025.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_021316_000002253107_00017_50031_4057.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_031815_000005393107_00018_50032_4055.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_032700_000002853107_00018_50032_4125.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_035720_000007943107_00018_50032_4115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_045611_000007943107_00019_50033_4114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_050856_000002403107_00019_50033_4259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_053238_000014243107_00019_50033_4194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_063704_000002843107_00020_50034_4188.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_064532_000002103107_00020_50034_4186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_212401_000018743107_00029_50043_4432.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_221556_000001053107_00029_50043_4441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_221656_000008393107_00029_50043_4461.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_230343_000013643107_00030_50044_4467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_233312_000001353107_00030_50044_4466.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_235535_000002103107_00030_50044_4465.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110924_235821_000016943107_00030_50044_4502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_064847_000002553107_00020_50034_3843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_071252_000018743107_00020_50034_3847.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_082718_000003603107_00021_50035_3878.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_085257_000019493107_00021_50035_3884.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_095730_000009593107_00022_50036_3918.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_103320_000005253107_00022_50036_3920.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_104422_000010943107_00022_50036_3923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_112105_000000453107_00023_50037_3953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_112928_000014543107_00023_50037_3960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_121334_000003903107_00023_50037_3963.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_122210_000001793107_00023_50037_3964.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_122811_000006333107_00023_50037_3967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_130213_000008993107_00024_50038_4000.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_135347_000003303107_00024_50038_4007.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_150240_000007043107_00025_50039_4033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_153352_000008693107_00025_50039_4034.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_155106_000001193107_00026_50040_4037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_163519_000011543107_00026_50040_4057.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_171406_000012143107_00026_50040_4060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_181040_000014393107_00027_50041_4090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_185421_000006003107_00027_50041_4092.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_190643_000001943107_00027_50041_4096.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_194605_000017393107_00028_50042_4110.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110924_203434_000003453107_00028_50042_4112.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20110924_000119_000003263107_00016_50030_3987.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_001257_000000783107_00016_50030_3986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_001543_000005983107_00016_50030_3984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_004438_000000843107_00016_50030_4023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_013555_000002833107_00017_50031_4033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_014310_000002113107_00017_50031_4030.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_021748_000007673107_00017_50031_4053.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_023858_000007373107_00018_50032_4059.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_025754_000008523107_00018_50032_4058.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_031703_000000663107_00018_50032_4056.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_033509_000005553107_00018_50032_4126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_035100_000002653107_00018_50032_4124.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_041653_000018913107_00019_50033_4118.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_045002_000000903107_00019_50033_4116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_051338_000005553107_00019_50033_4204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_053039_000001143107_00019_50033_4258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_055914_000014743107_00020_50034_4195.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_063115_000003503107_00020_50034_4191.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_064234_000001753107_00020_50034_4187.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_211812_000003443107_00029_50043_4434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_215558_000000783107_00029_50043_4433.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_215843_000006283107_00029_50043_4438.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_223140_000004773107_00030_50044_4459.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_225154_000000783107_00030_50044_4460.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_230031_000001933107_00030_50044_4464.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110924_232715_000001383107_00030_50044_4463.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_065355_000004893107_00020_50034_3844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_071051_000001143107_00020_50034_3846.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_074456_000004343107_00021_50035_3845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_075400_000001813107_00021_50035_3848.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_075618_000004223107_00021_50035_3875.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_081007_000002233107_00021_50035_3876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_081546_000006893107_00021_50035_3877.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_083406_000006893107_00021_50035_3879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_092611_000005133107_00022_50036_3887.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_094501_000001203107_00022_50036_3916.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_095322_000001383107_00022_50036_3917.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_101420_000006283107_00022_50036_3919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_103159_000000723107_00022_50036_3921.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_110325_000002653107_00023_50037_3922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_111127_000001873107_00023_50037_3925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_111937_000000783107_00023_50037_3956.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_115436_000006043107_00023_50037_3962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_121020_000001933107_00023_50037_3961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_122047_000000783107_00023_50037_3965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_122546_000001383107_00023_50037_3966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_124143_000008883107_00024_50038_3968.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_125540_000001993107_00024_50038_3998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_131800_000006283107_00024_50038_3999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_132840_000009433107_00024_50038_4001.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_135218_000000843107_00024_50038_4002.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_135959_000003203107_00024_50038_4004.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_140616_000005193107_00024_50038_4005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_141808_000010273107_00025_50039_4006.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_143407_000003623107_00025_50039_4030.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_145712_000003263107_00025_50039_4031.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_151504_000004833107_00025_50039_4032.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_152642_000001573107_00025_50039_4035.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_154904_000001143107_00025_50039_4036.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20110924_155718_000008223107_00026_50040_4038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_160955_000002413107_00026_50040_4054.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_162712_000000843107_00026_50040_4055.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_162924_000000963107_00026_50040_4056.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_165516_000008463107_00026_50040_4058.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_173757_000006283107_00027_50041_4059.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_174744_000001873107_00027_50041_4088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_180359_000000783107_00027_50041_4089.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_183530_000008403107_00027_50041_4093.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_190505_000000903107_00027_50041_4091.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_191040_000006283107_00028_50042_4094.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_192439_000000663107_00028_50042_4095.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_193716_000000963107_00028_50042_4108.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_201544_000008343107_00028_50042_4109.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_204110_000010813107_00028_50042_4111.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110924_210118_000002113107_00029_50043_4113.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20110924_014644_000000403107_00017_50031_4021.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110924_094355_000000433107_00022_50036_4252.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110924_095542_000000433107_00022_50036_4253.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110924_233153_000000723107_00030_50044_4477.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20110924_012706_000000693107_00017_50031_4020.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_013454_000000513107_00017_50031_4018.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_062347_000004363107_00020_50034_4205.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_080658_000000523107_00021_50035_4215.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_081347_000001093107_00021_50035_4214.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_093929_000001883107_00022_50036_4251.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_162839_000000333107_00026_50040_4357.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110924_180520_000003143107_00027_50041_4383.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110924_123916_000000813107_00024_50038_3976.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110924/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20110924_002544_000003923107_00016_50030_3989.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_010246_000003303107_00017_50031_4017.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_012824_000000923107_00017_50031_4019.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_020528_000003923107_00017_50031_4024.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_031208_000002943107_00018_50032_4052.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_034425_000003923107_00018_50032_4105.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_041238_000000983107_00019_50033_4108.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_044825_000000923107_00019_50033_4107.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_045140_000002693107_00019_50033_4111.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_052300_000004533107_00019_50033_4173.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_080322_000002143107_00021_50035_4218.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_080810_000001103107_00021_50035_4224.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

ASA_WSM_1PNPDE20110924_093445_000002883107_00022_50036_4250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_102522_000003923107_00022_50036_4277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_104251_000000923107_00022_50036_4279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_110752_000002083107_00023_50037_4278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_144011_000000983107_00025_50039_4339.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_152313_000001903107_00025_50039_4340.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_152925_000002143107_00025_50039_4341.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_155446_000001353107_00026_50040_4338.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_161358_000003303107_00026_50040_4356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_170924_000002693107_00026_50040_4355.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_173552_000001223107_00027_50041_4362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_175353_000002203107_00027_50041_4368.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_184934_000002753107_00027_50041_4382.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_192847_000001283107_00028_50042_4388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_193255_000002513107_00028_50042_4413.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_194221_000002263107_00028_50042_4414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_202940_000002753107_00028_50042_4412.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110924_224040_000000923107_00030_50044_4449.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_023039_000004893107_00018_50032_3803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_041218_000002693107_00019_50033_3820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_070205_000001533107_00020_50034_3854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_070512_000003303107_00020_50034_3853.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_075214_000001043107_00021_50035_3858.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_084538_000003923107_00021_50035_3895.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_093518_000001533107_00022_50036_3886.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_093756_000000923107_00022_50036_3885.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_111438_000002943107_00023_50037_3931.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_120443_000003363107_00023_50037_3974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_125905_000001903107_00024_50038_3977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_134425_000004713107_00024_50038_4014.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_141633_000000923107_00025_50039_4015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_163109_000002083107_00026_50040_4053.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_175055_000002083107_00027_50041_4067.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_192948_000002393107_00028_50042_4103.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_210451_000002513107_00029_50043_4124.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110924_224819_000002083107_00030_50044_4141.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110924/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110924/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_110924/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110924/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/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1

Test product: ASA\_MS\_0PNPDE20110924\_215725\_000000163107\_00029\_50043\_0394.N1

H

H

../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110924\_215725-20010209\_135042.png

../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110924\_215725-20010209\_135042.png



../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110924\_215725-20010209\_135042.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110924\_215725-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDE20110924\_233739\_000000163107\_00030\_50044\_0395.N1

V  
V  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110924\_233739-20010209\_140823.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110924\_233739-20010209\_140823.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110924\_233739-20010209\_140823.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110924\_233739-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDE20110923\_223409\_000000163107\_00015\_50029\_0392.N1  
Test product: ASA\_MS\_\_0PNPDE20110924\_215725\_000000163107\_00029\_50043\_0394.N1

H  
H  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110924\_215725-20110923\_223409.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110924\_215725-20110923\_223409.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110924\_215725-20110923\_223409.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110924\_215725-20110923\_223409.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDE20110924\_001423\_000000163107\_00016\_50030\_0393.N1  
Test product: ASA\_MS\_\_0PNPDE20110924\_233739\_000000163107\_00030\_50044\_0395.N1

V  
V  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110924\_233739-20110924\_001423.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110924\_233739-20110924\_001423.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110924\_233739-20110924\_001423.png  
../../RESULTS/DAILY/\_110924/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110924\_233739-20110924\_001423.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES...

\*\*\*\*\*  
\*\*\*\*\*  
ALL ROWS Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing products WVS IS2 V/V  
1 68417 7 68417  
Writing image ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
1 40545 7 40545  
Writing image ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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\*\*\*\*\*  
TEMPORAL EVOLUTION Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 1/5/9/13/17/21/25/29



Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-24\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-24\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-09-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_110924//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 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-24\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-24\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-09-24 00:00:00 to 2011-09-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110924/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-09-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_110924//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_110924/DOPPLER...

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 DOPPLER ANX Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110924/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-09-24.dat...  
 Running IDL program...

Writing file ../../RESULTS/DAILY/\_110924/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...

Writing file ./RESULTS/DAILY/\_110924/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-09-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110924/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...

Writing file ./RESULTS/DAILY/\_110924/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-09-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110924/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_110924/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing products WVS IS2 V/V

1060

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

- 87.7758
- 10.5846
- 66.5771
- 142.520
- 216.086
- 286.172
- 351.735
- 411.816
- 465.557
- 512.209
- 551.146
- 581.874
- 604.040
- 617.434
- 621.993
- 617.804
- 605.099
- 584.252
- 555.770
- 520.289
- 478.560
- 431.434
- 379.856
- 324.838
- 267.455
- 208.814
- 150.050
- 92.2908
- 36.6568
- 15.7690
- 63.9616
- 106.958
- 143.888
- 173.973
- 196.555
- 211.098
- 217.196
- 214.587

203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.482062 Hz

Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...



\*\*\*\*\*

1080  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758  
10.5846  
-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888  
173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961

-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -28.746478 Hz  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2623  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408

-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424

256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -19.444338 Hz  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2440  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898



307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518



216.826  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.487462 Hz  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110924//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110924/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-09-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-09-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_110924/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS  
#####  
Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110924/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110924/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_WVS\_2011-09-24.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2011-09-24 00:00:00 to 2011-09-24 23:59:59...

Writing file ./RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_IMM\_2011-09-24.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110924/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-09-24 00:00:00 to 2011-09-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110924/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110924/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 27 products from PDE...  
Checking 49 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 8 products from PDE...  
Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 30 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20110924\_155446\_000001353107\_00026\_50040\_4338.N1 / 0 gaps / 120 missing lines  
Checking 18 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20110924\_041218\_000002693107\_00019\_50033\_3820.N1 / 0 gaps / 16 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110924/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110924/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110924/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_1PNPDE20110924_014644_000000403107_00017_50031_4021.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110924_094355_000000433107_00022_50036_4252.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110924_095542_000000433107_00022_50036_4253.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110924_233153_000000723107_00030_50044_4477.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_1PNPDE20110924_000119_000003263107_00016_50030_3987.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_001257_000000783107_00016_50030_3986.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_001543_000005983107_00016_50030_3984.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_004438_000000843107_00016_50030_4023.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_013555_000002833107_00017_50031_4033.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_014310_000002113107_00017_50031_4030.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_021748_000007673107_00017_50031_4053.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_023858_000007373107_00018_50032_4059.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_025754_000008523107_00018_50032_4058.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_031703_000000663107_00018_50032_4056.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_033509_000005553107_00018_50032_4126.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_035100_000002653107_00018_50032_4124.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_041653_000018913107_00019_50033_4118.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_045002_000000903107_00019_50033_4116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_051338_000005553107_00019_50033_4204.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_053039_000001143107_00019_50033_4258.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_055914_000014743107_00020_50034_4195.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_063115_000003503107_00020_50034_4191.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_064234_000001753107_00020_50034_4187.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_211812_000003443107_00029_50043_4434.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_215558_000000783107_00029_50043_4433.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_215843_000006283107_00029_50043_4438.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_223140_000004773107_00030_50044_4459.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_225154_000000783107_00030_50044_4460.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_230031_000001933107_00030_50044_4464.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110924_232715_000001383107_00030_50044_4463.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_065355_000004893107_00020_50034_3844.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_071051_000001143107_00020_50034_3846.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_074456_000004343107_00021_50035_3845.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_075400_000001813107_00021_50035_3848.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_075618_000004223107_00021_50035_3875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_081007_000002233107_00021_50035_3876.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_081546_000006893107_00021_50035_3877.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_083406_000006893107_00021_50035_3879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_092611_000005133107_00022_50036_3887.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_094501_000001203107_00022_50036_3916.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_095322_000001383107_00022_50036_3917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_101420_000006283107_00022_50036_3919.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_103159_000000723107_00022_50036_3921.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_110325_000002653107_00023_50037_3922.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_111127_000001873107_00023_50037_3925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_111937_000000783107_00023_50037_3956.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_115436_000006043107_00023_50037_3962.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_121020_000001933107_00023_50037_3961.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_122047_000000783107_00023_50037_3965.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_122546_000001383107_00023_50037_3966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_124143_000008883107_00024_50038_3968.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_125540_000001993107_00024_50038_3998.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_131800_000006283107_00024_50038_3999.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_132840_000009433107_00024_50038_4001.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_135218_000000843107_00024_50038_4002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_135959_000003203107_00024_50038_4004.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_140616_000005193107_00024_50038_4005.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_141808_000010273107_00025_50039_4006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_143407_000003623107_00025_50039_4030.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_145712_000003263107_00025_50039_4031.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_151504_000004833107_00025_50039_4032.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_152642_000001573107_00025_50039_4035.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_154904_000001143107_00025_50039_4036.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_155718_000008223107_00026_50040_4038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_160955_000002413107_00026_50040_4054.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_162712_000000843107_00026_50040_4055.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_162924_000000963107_00026_50040_4056.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_165516_000008463107_00026_50040_4058.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20110924_173757_000006283107_00027_50041_4059.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_174744_000001873107_00027_50041_4088.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_180359_000000783107_00027_50041_4089.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_183530_000008403107_00027_50041_4093.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_190505_000000903107_00027_50041_4091.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_191040_000006283107_00028_50042_4094.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_192439_000000663107_00028_50042_4095.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_193716_000000963107_00028_50042_4108.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_201544_000008343107_00028_50042_4109.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_204110_000010813107_00028_50042_4111.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110924_210118_000002113107_00029_50043_4113.N1	OK	OK	OK	OK



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_IMM_1PNPDE20110924_012706_000000693107_00017_50031_4020.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_013454_000000513107_00017_50031_4018.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_062347_000004363107_00020_50034_4205.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_080658_000000523107_00021_50035_4215.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_081347_000001093107_00021_50035_4214.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_093929_000001883107_00022_50036_4251.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_162839_000000333107_00026_50040_4357.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20110924_180520_000003143107_00027_50041_4383.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20110924_123916_000000813107_00024_50038_3976.N1					OK	OK	OK	OK

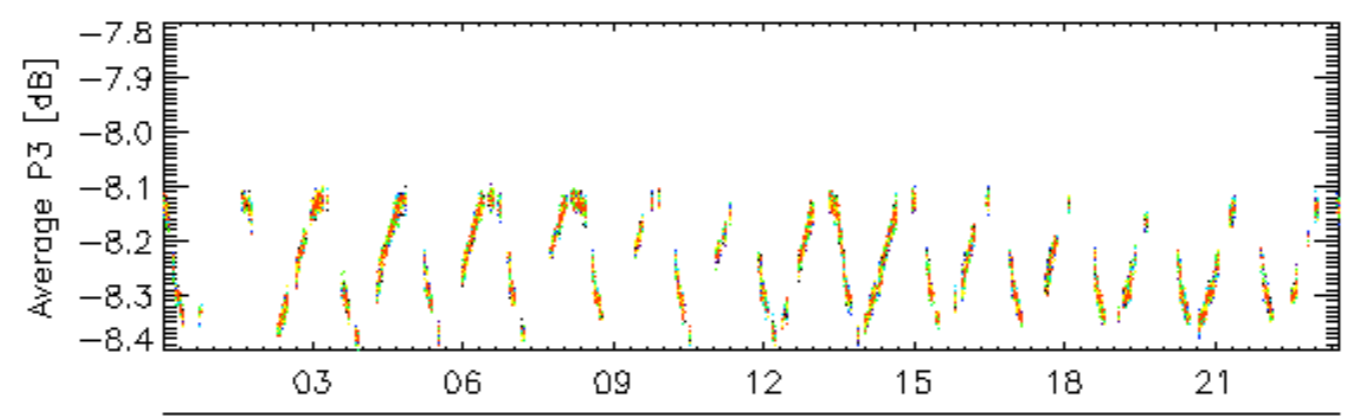
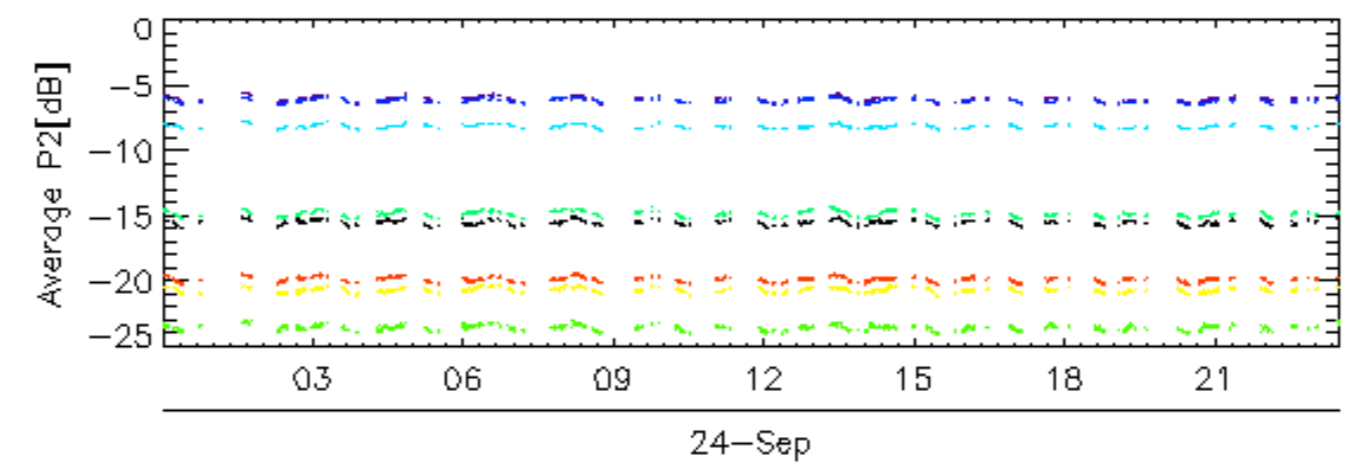
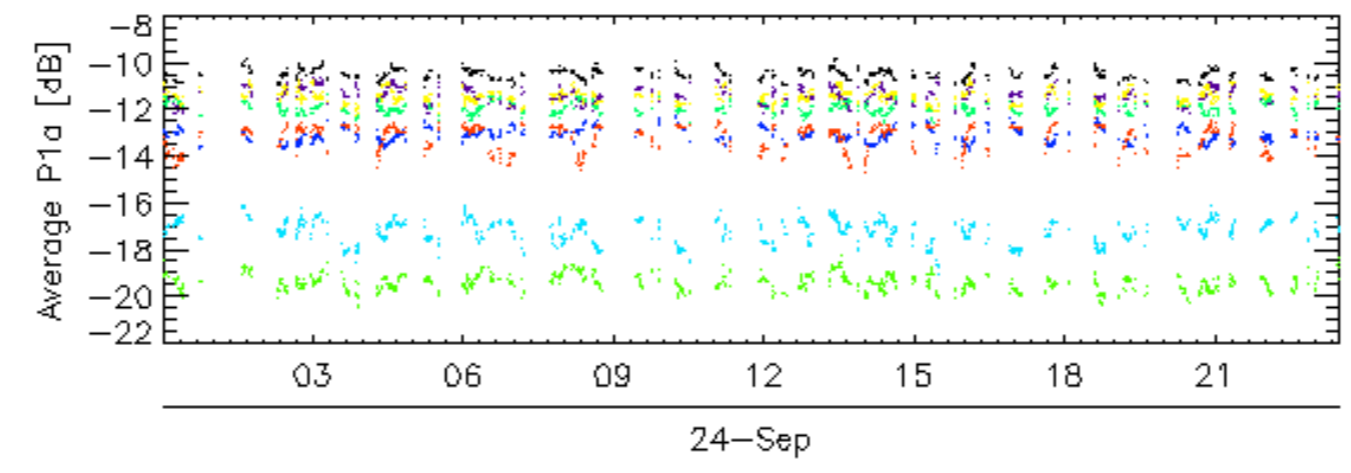
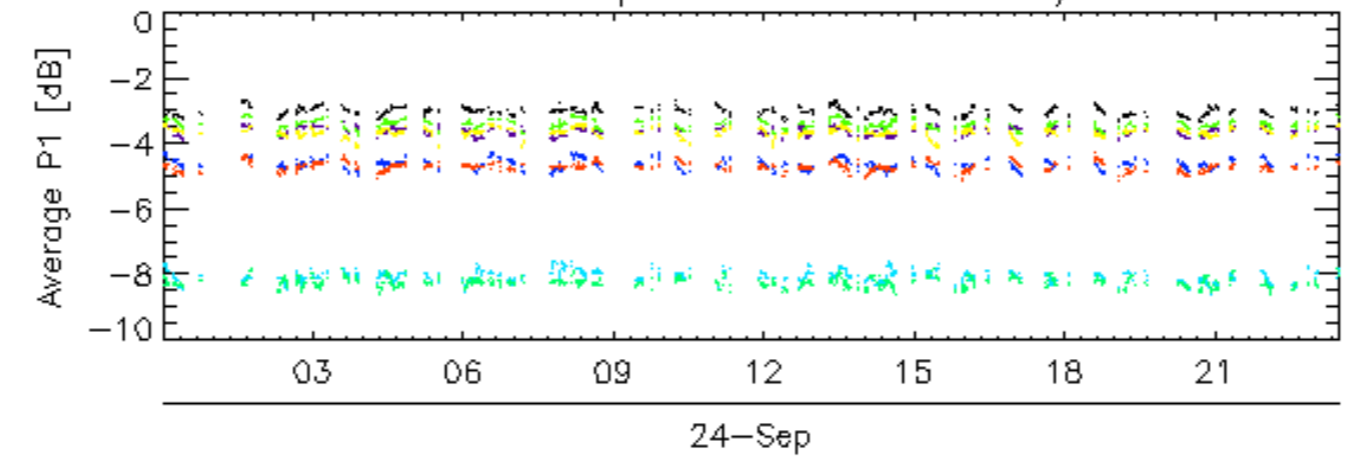
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110924_002544_000003923107_00016_50030_3989.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_010246_000003303107_00017_50031_4017.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_012824_000000923107_00017_50031_4019.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_020528_000003923107_00017_50031_4024.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_031208_000002943107_00018_50032_4052.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_034425_000003923107_00018_50032_4105.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_041238_000000983107_00019_50033_4108.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_044825_000000923107_00019_50033_4107.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_045140_000002693107_00019_50033_4111.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_052300_000004533107_00019_50033_4173.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_080322_000002143107_00021_50035_4218.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_080810_000001103107_00021_50035_4224.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_093445_000002883107_00022_50036_4250.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_102522_000003923107_00022_50036_4277.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_104251_000000923107_00022_50036_4279.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_110752_000002083107_00023_50037_4278.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_144011_000000983107_00025_50039_4339.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_152313_000001903107_00025_50039_4340.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20110924_155446_000001353107_00026_50040_4338.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110924_161358_000003303107_00026_50040_4356.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20110924_125905_000001903107_00024_50038_3977.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20110924_163109_000002083107_00026_50040_4053.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110924_175055_000002083107_00027_50041_4067.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110924_192948_000002393107_00028_50042_4103.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110924_210451_000002513107_00029_50043_4124.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110924_224819_000002083107_00030_50044_4141.N1					OK	OK	OK	OK

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

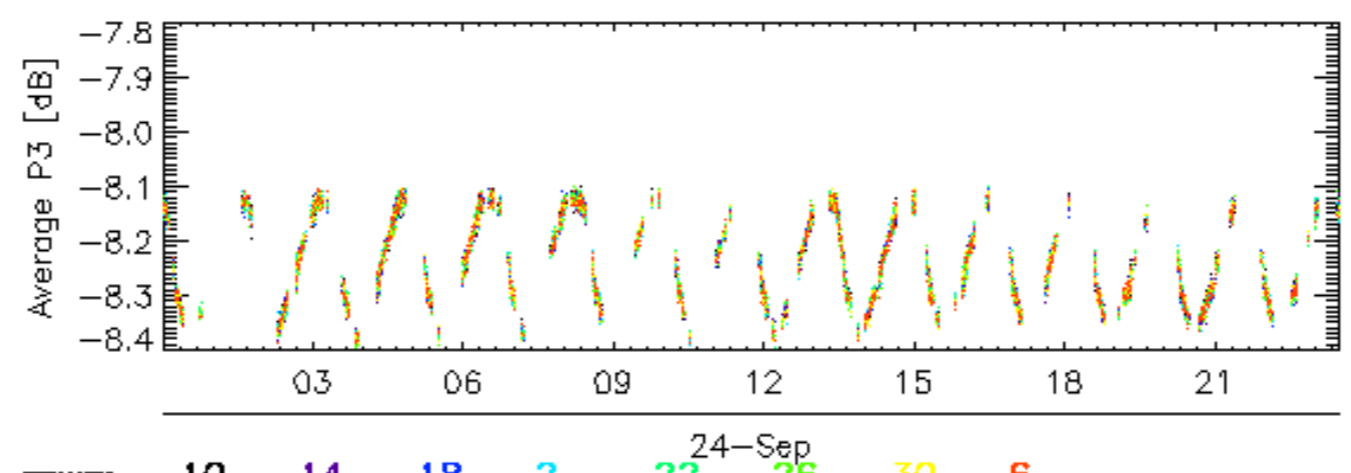
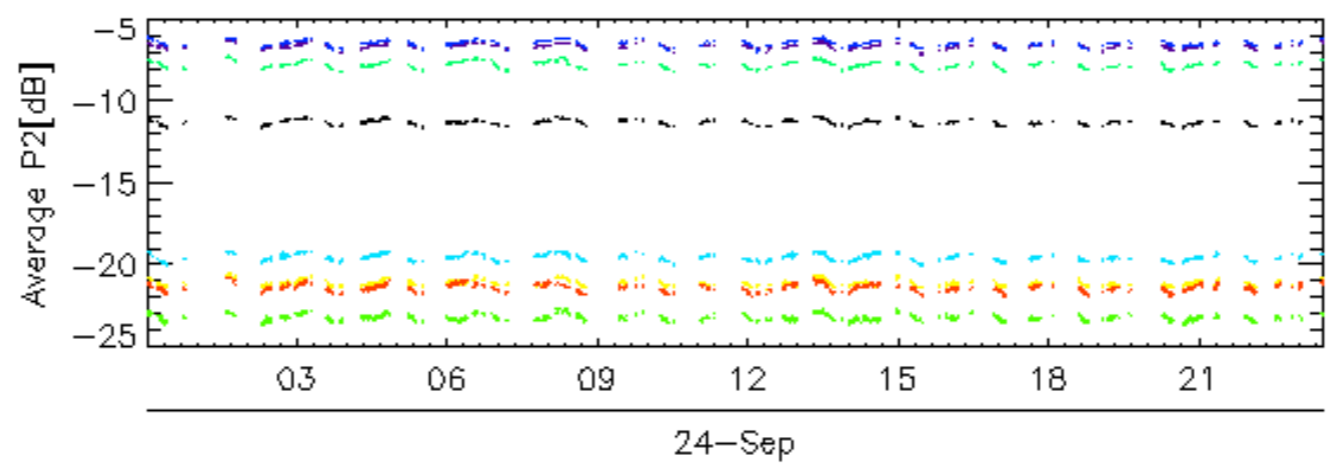
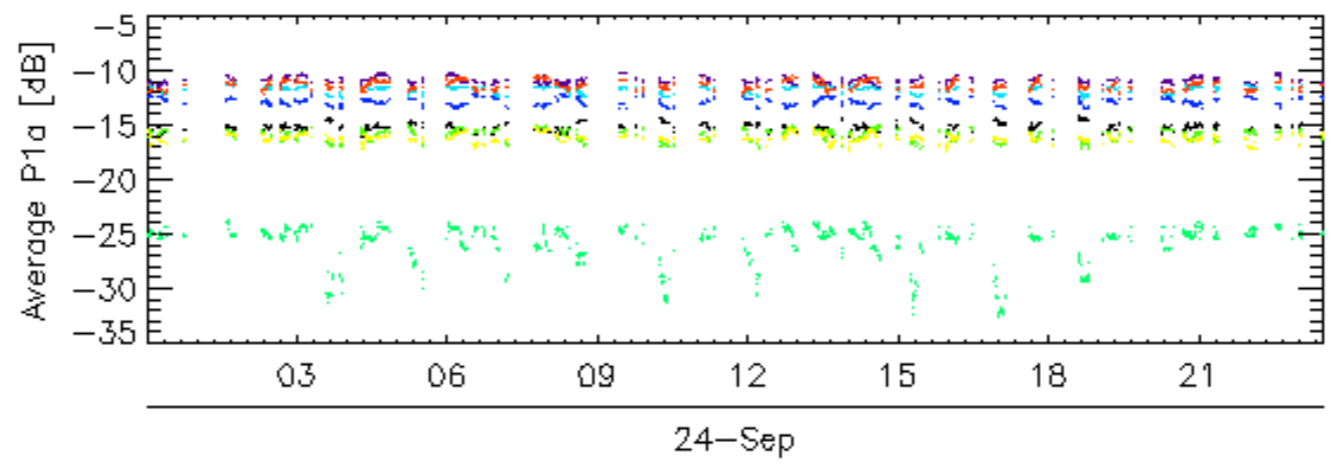
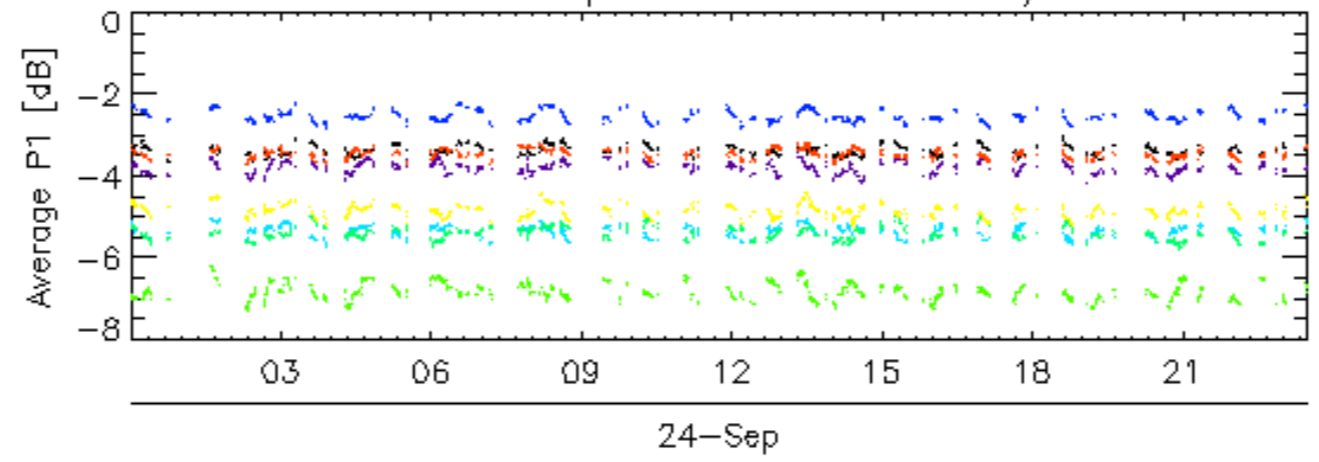
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ASA_WVS_1PNPDE20110924_014038_000001043107_00017_50031_4028.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110924_021201_000001203107_00017_50031_4025.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110924_021316_000002253107_00017_50031_4057.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110924_031815_000005393107_00018_50032_4055.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110924_032700_000002853107_00018_50032_4125.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110924_233312_000001353107_00030_50044_4466.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110924_235535_000002103107_00030_50044_4465.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110924_235821_000016943107_00030_50044_4502.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_064847_000002553107_00020_50034_3843.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_071252_000018743107_00020_50034_3847.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110924_085257_000019493107_00021_50035_3884.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110924_150240_000007043107_00025_50039_4033.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_153352_000008693107_00025_50039_4034.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_155106_000001193107_00026_50040_4037.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_163519_000011543107_00026_50040_4057.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_171406_000012143107_00026_50040_4060.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110924_185421_000006003107_00027_50041_4092.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110924_194605_000017393107_00028_50042_4110.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110924_203434_000003453107_00028_50042_4112.N1					OK	OK	OK	OK

Calibration pulses for GM1 SS3 H/H



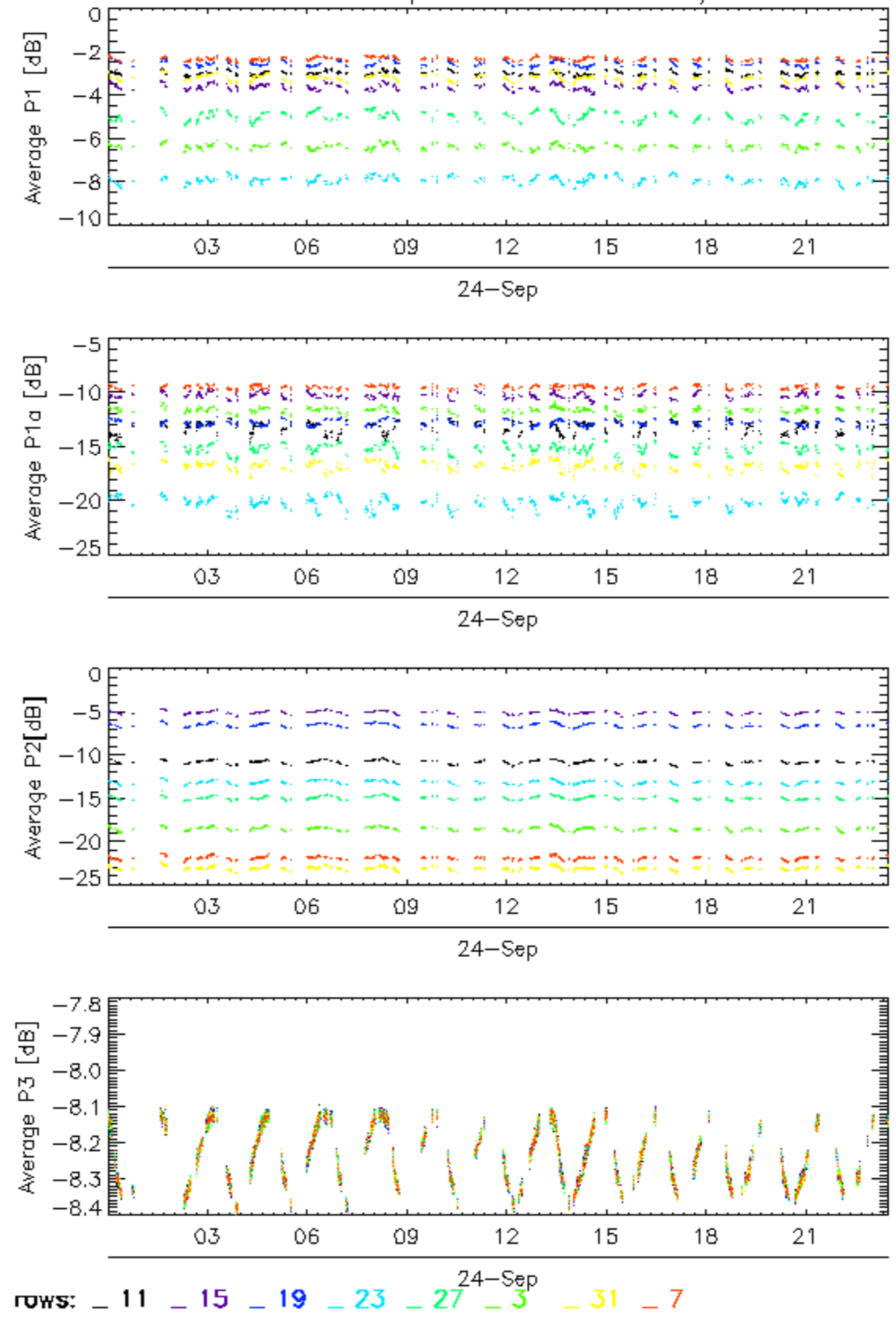
rows: 1 13 17 21 25 29 5 9

### Calibration pulses for GM1 SS3 H/H

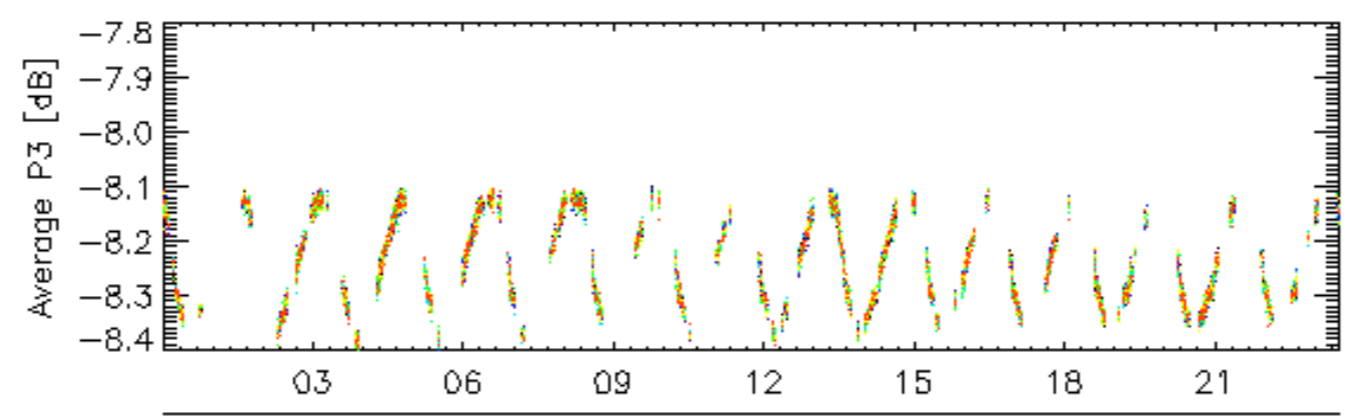
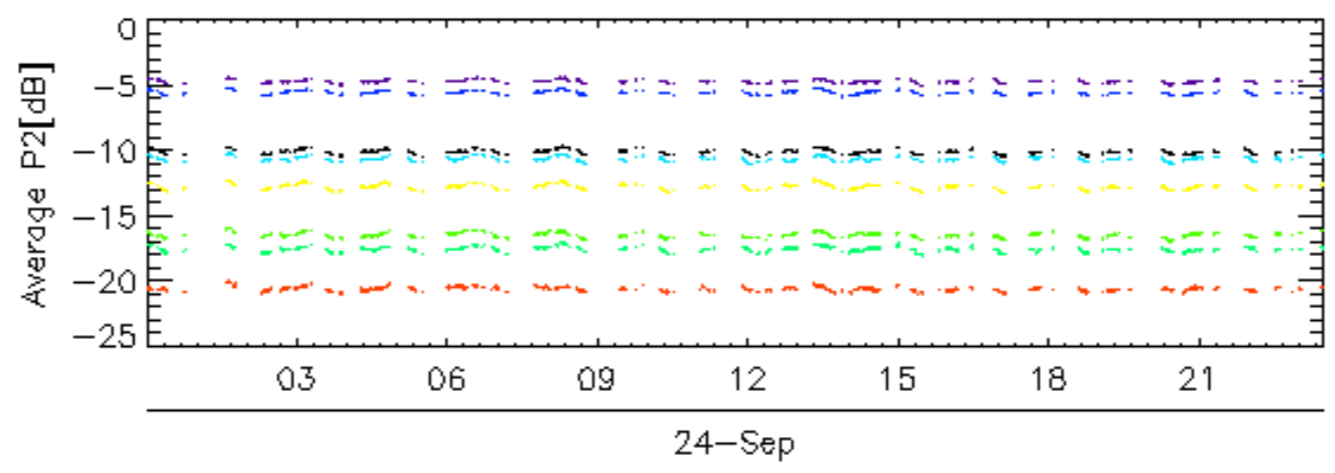
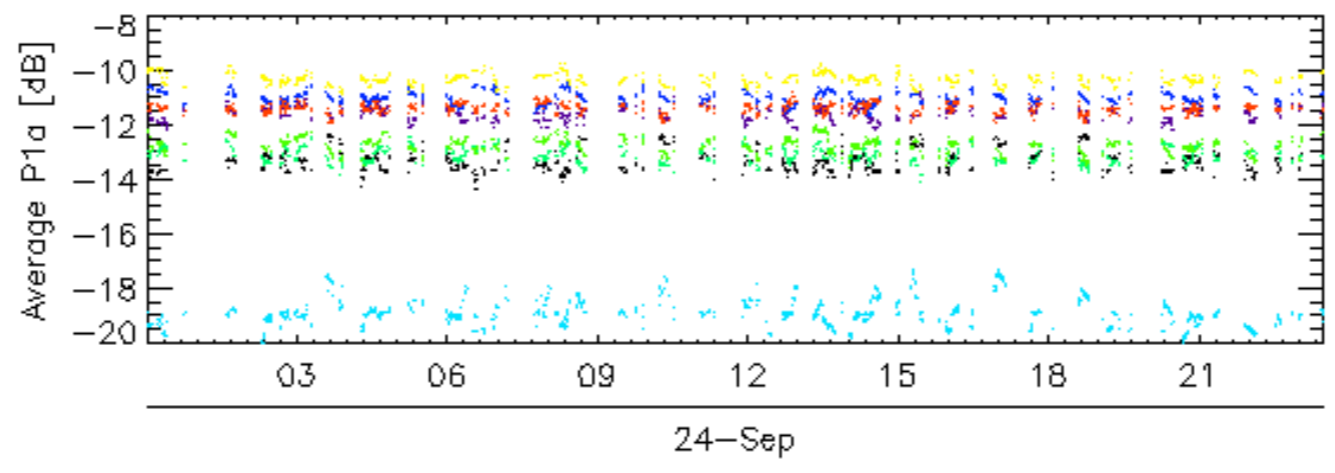
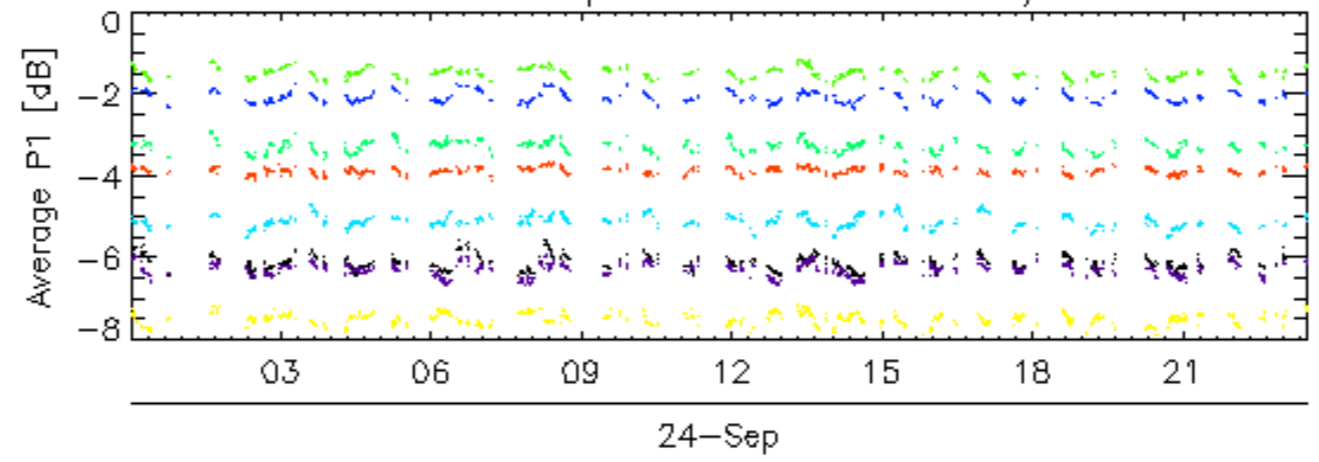


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### Calibration pulses for GM1 SS3 H/H

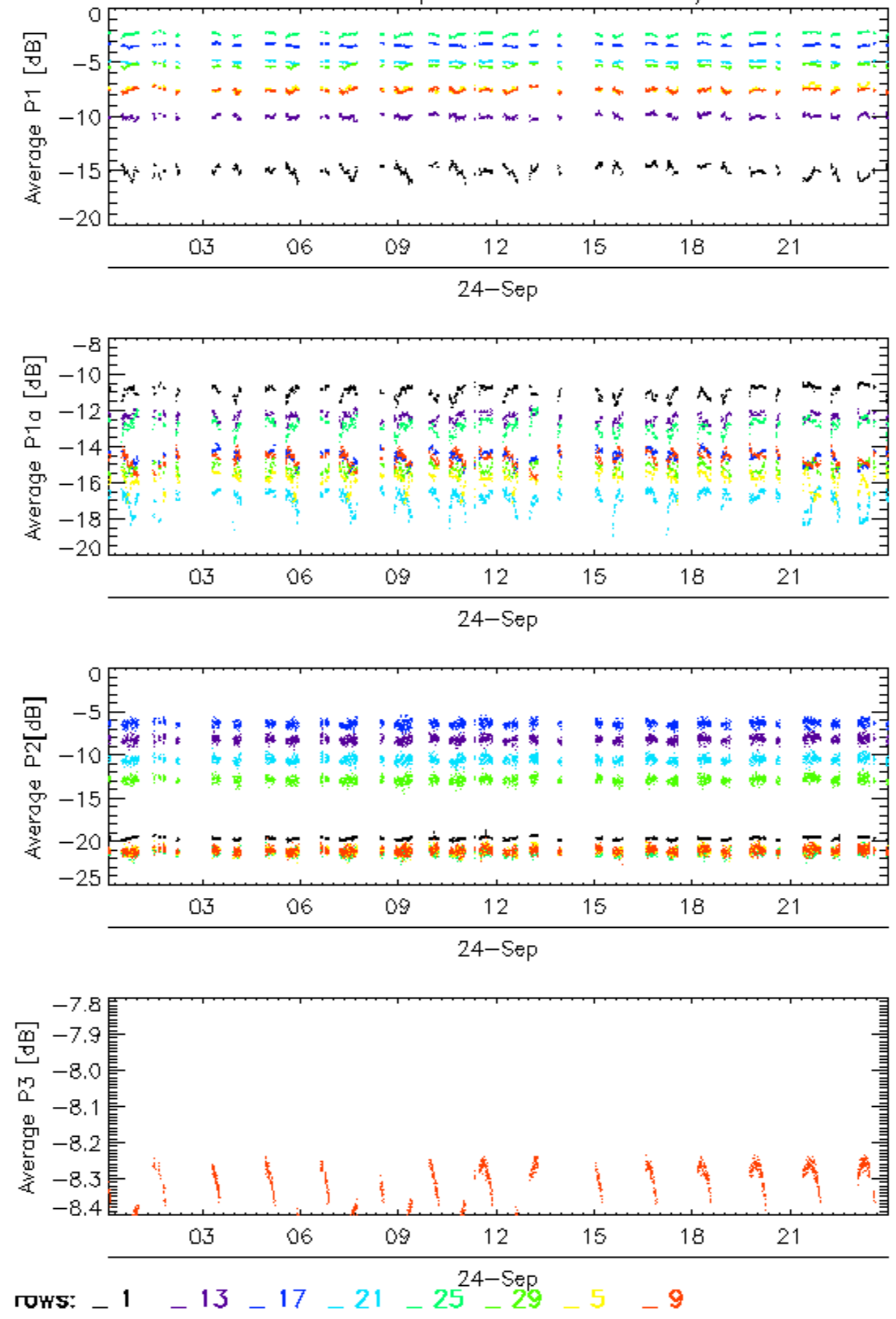


### Calibration pulses for GM1 SS3 H/H



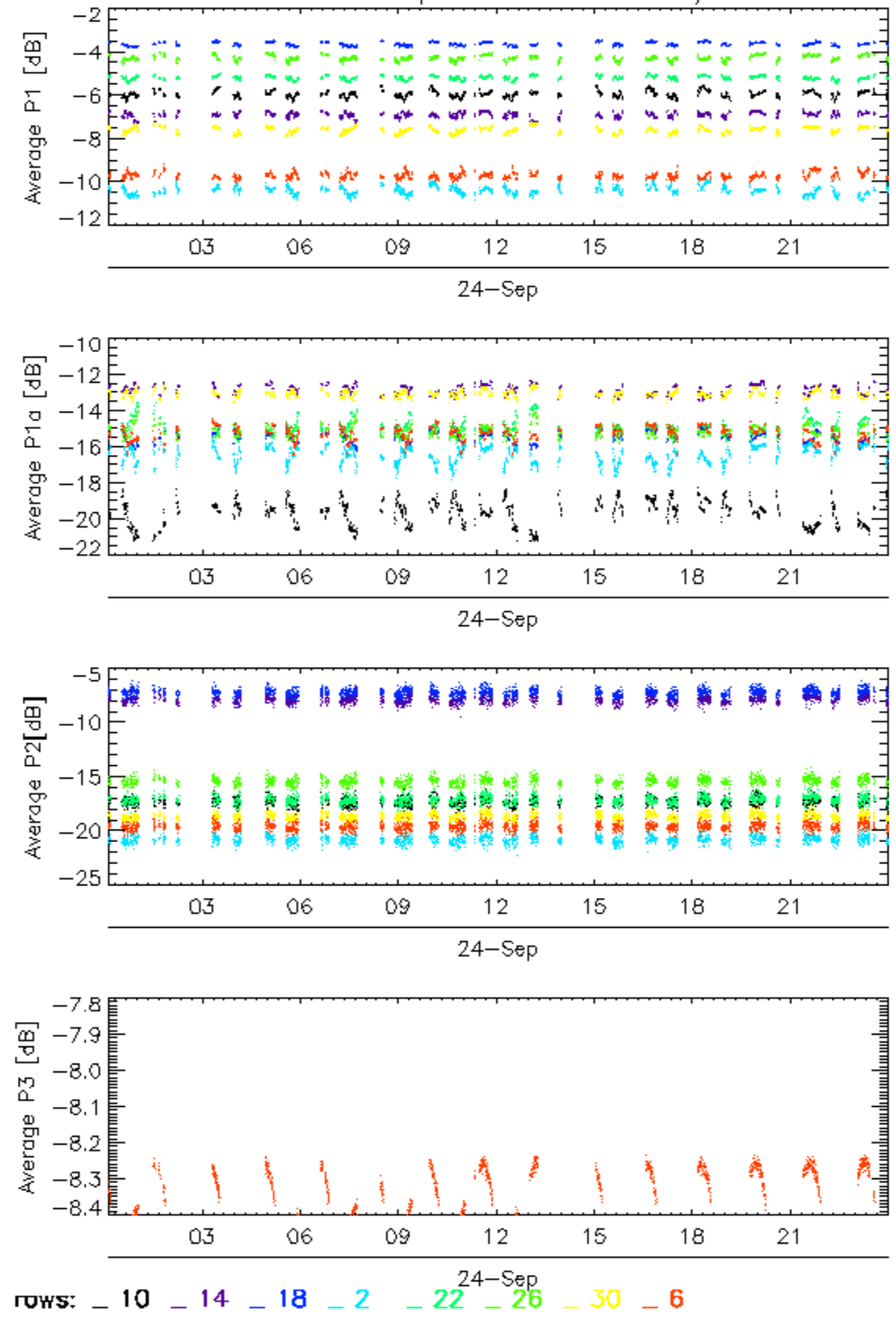
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Calibration pulses for WVS IS2 V/V

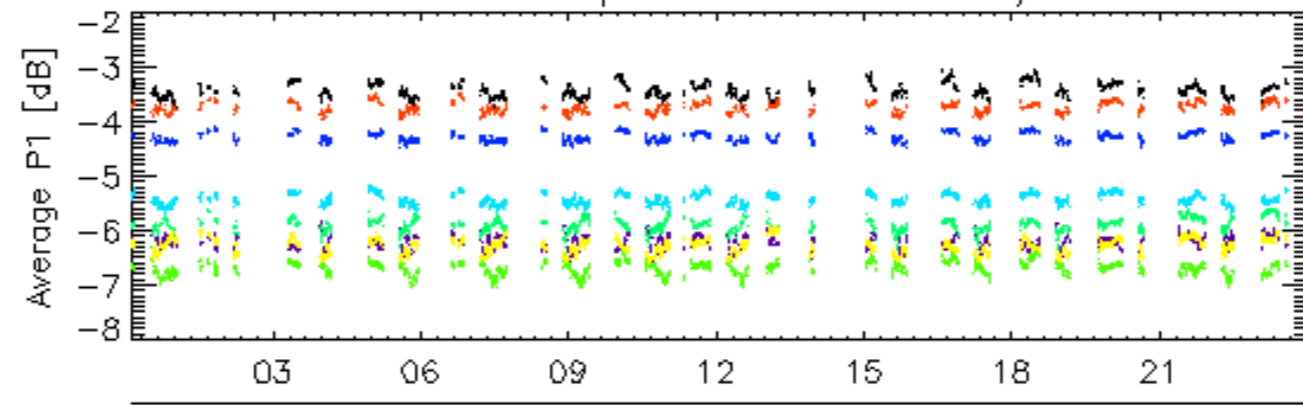




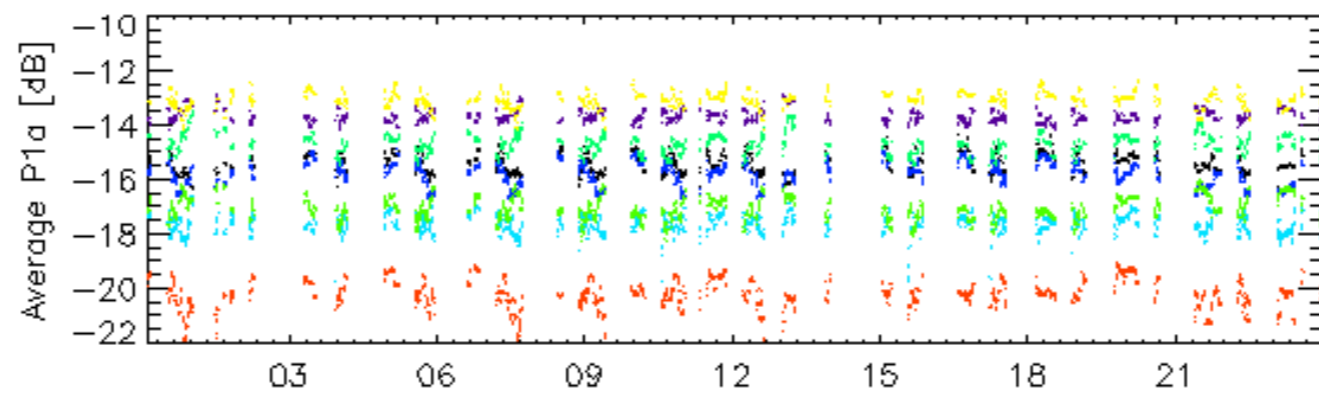
Calibration pulses for WVS IS2 V/V



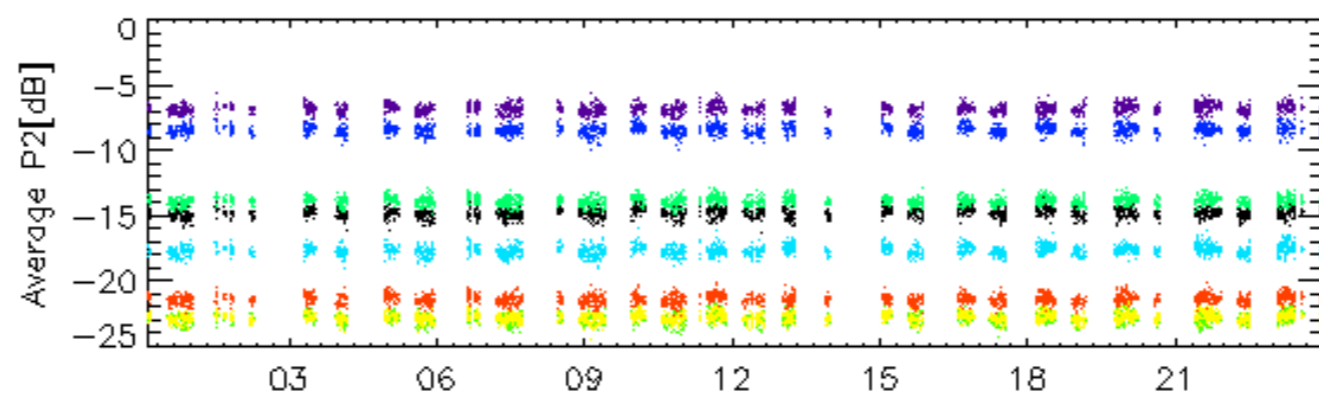
Calibration pulses for WVS IS2 V/V



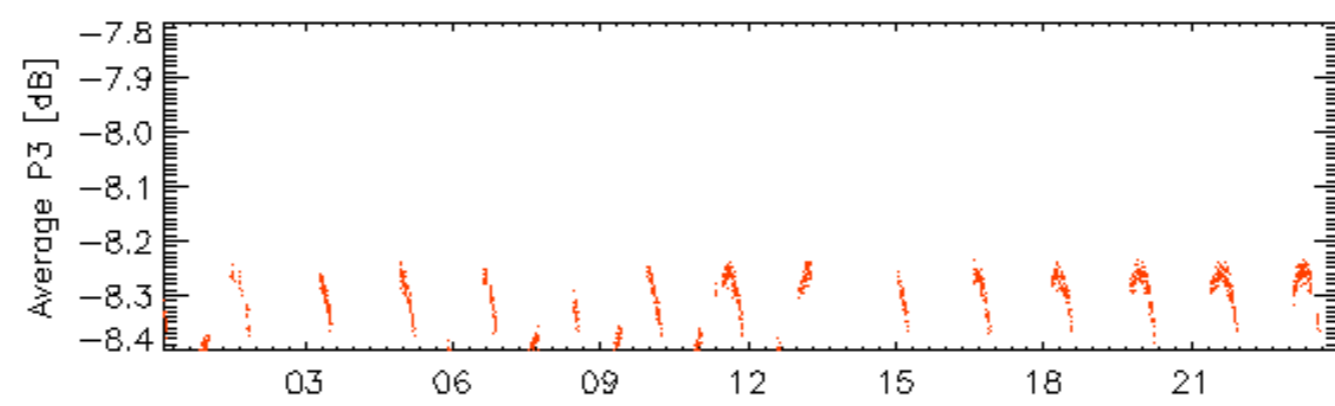
24-Sep



24-Sep



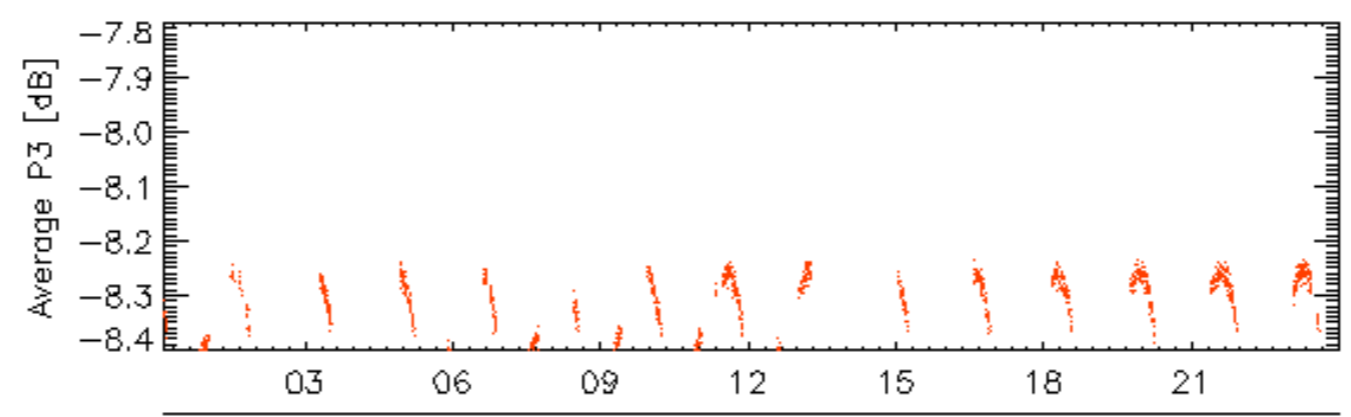
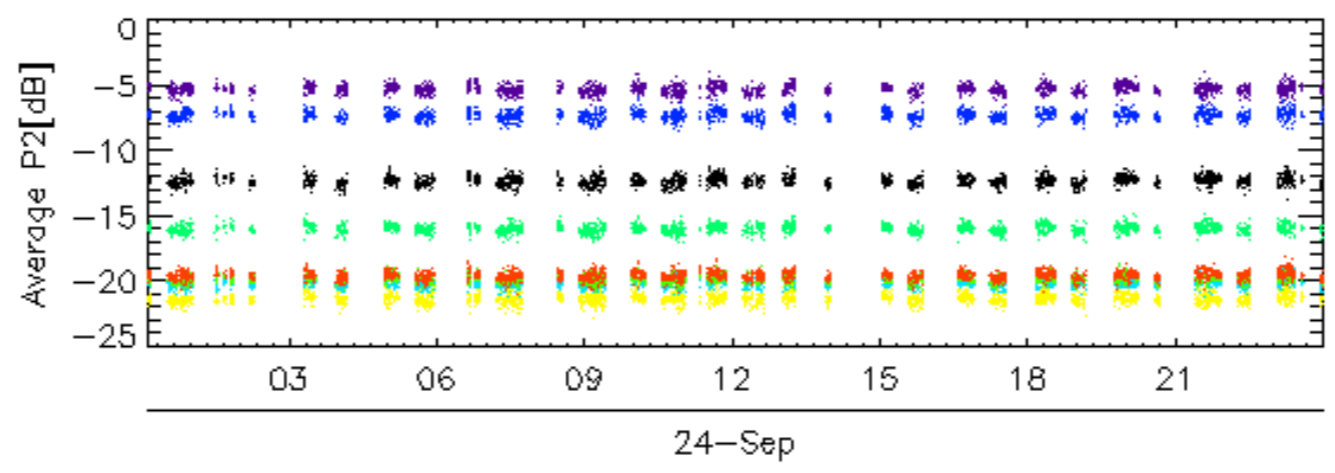
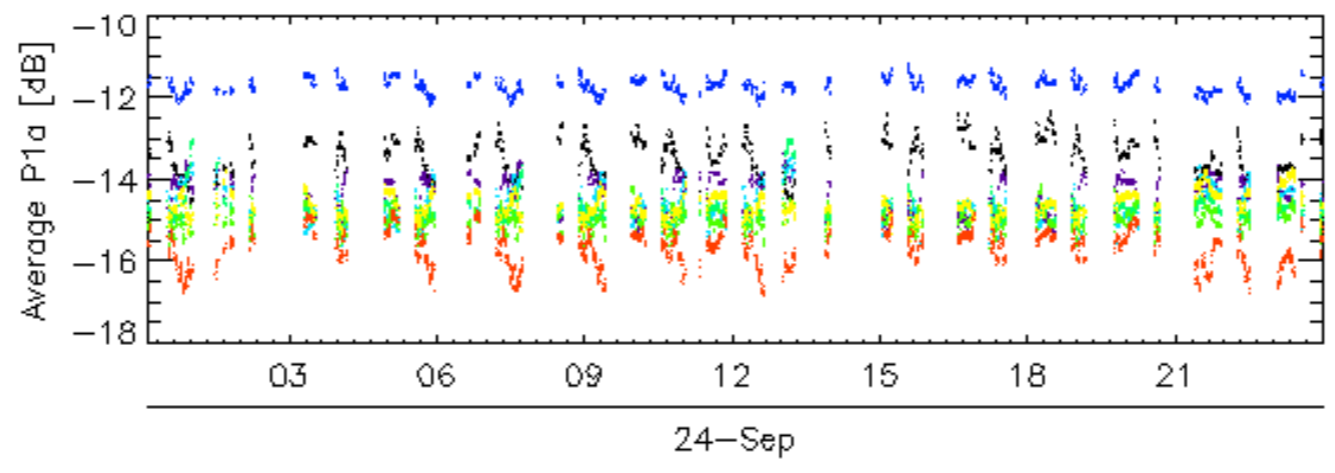
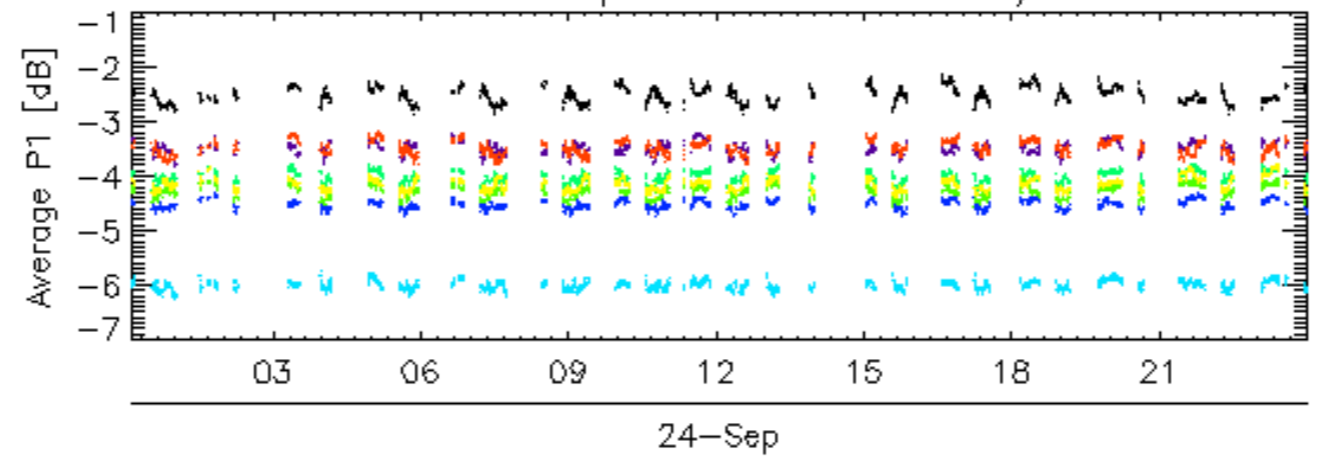
24-Sep



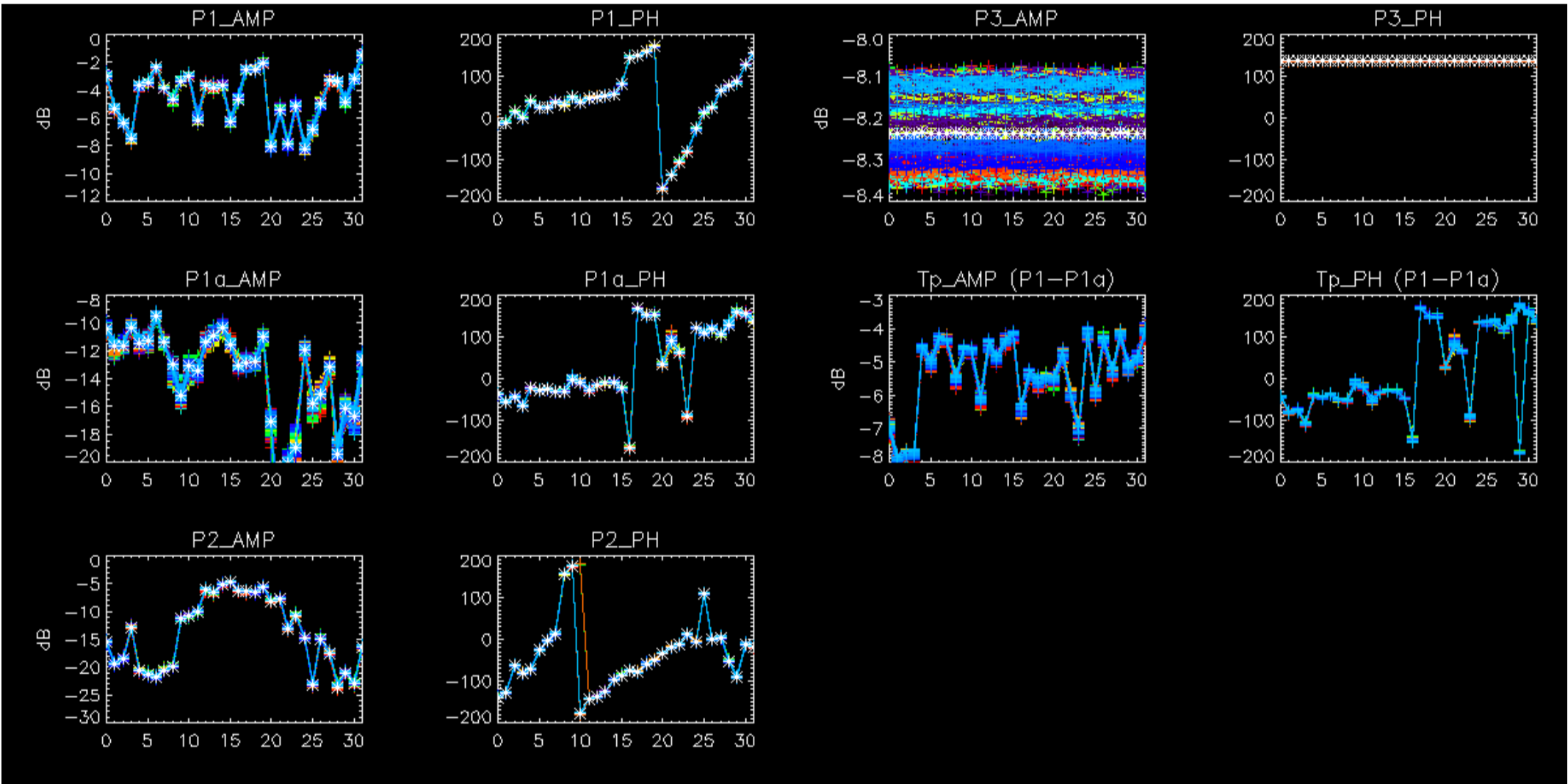
24-Sep

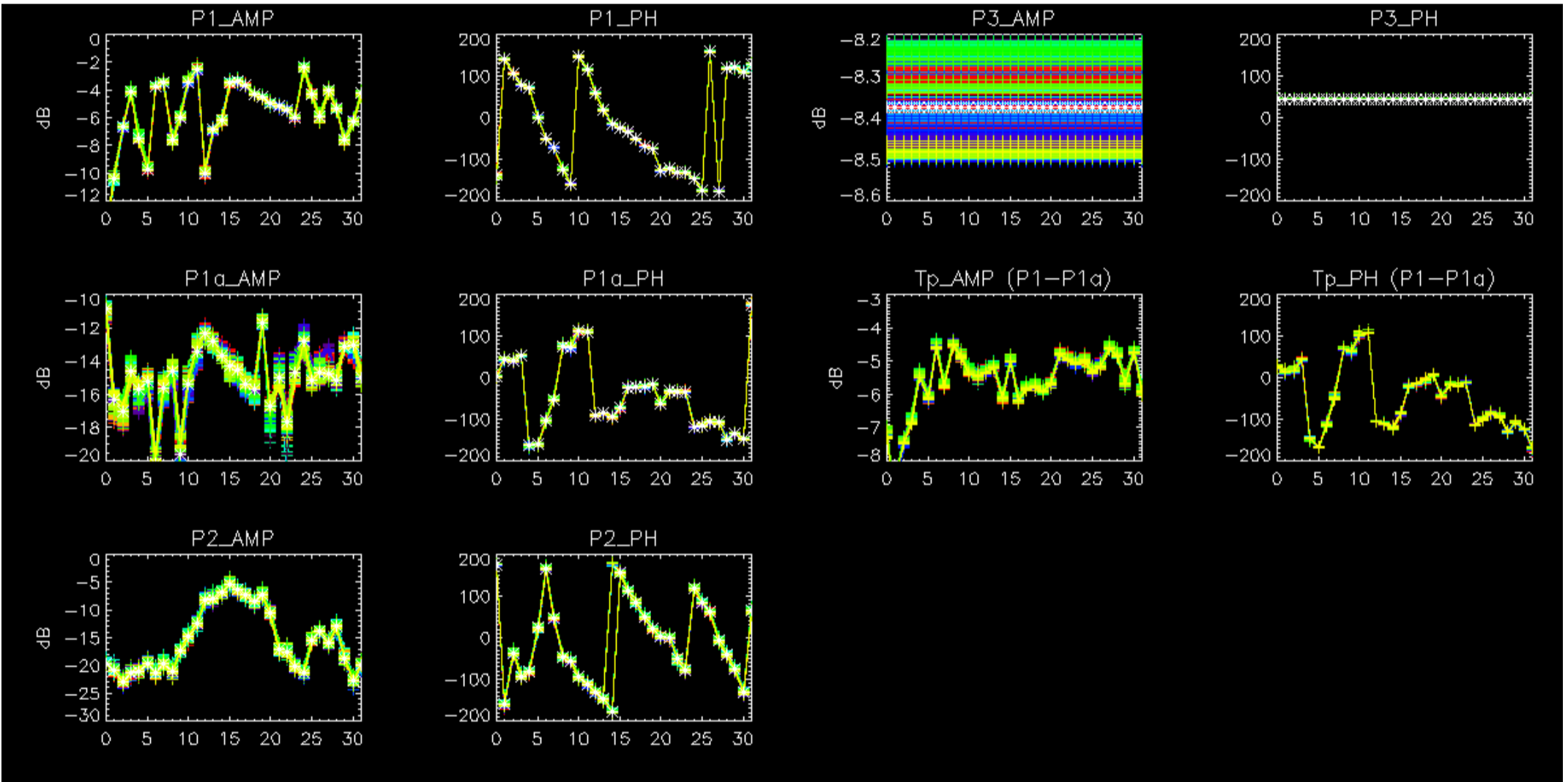
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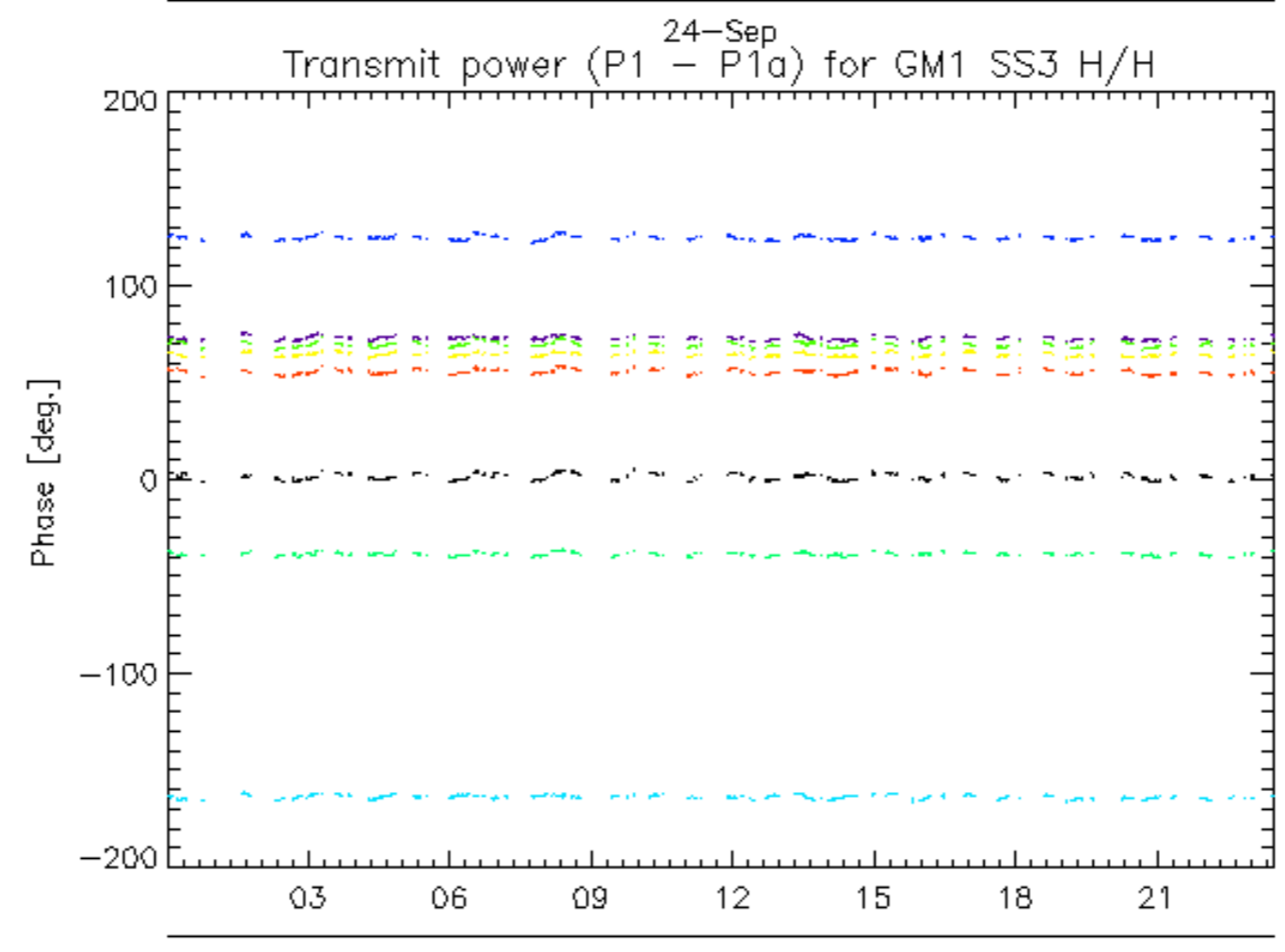
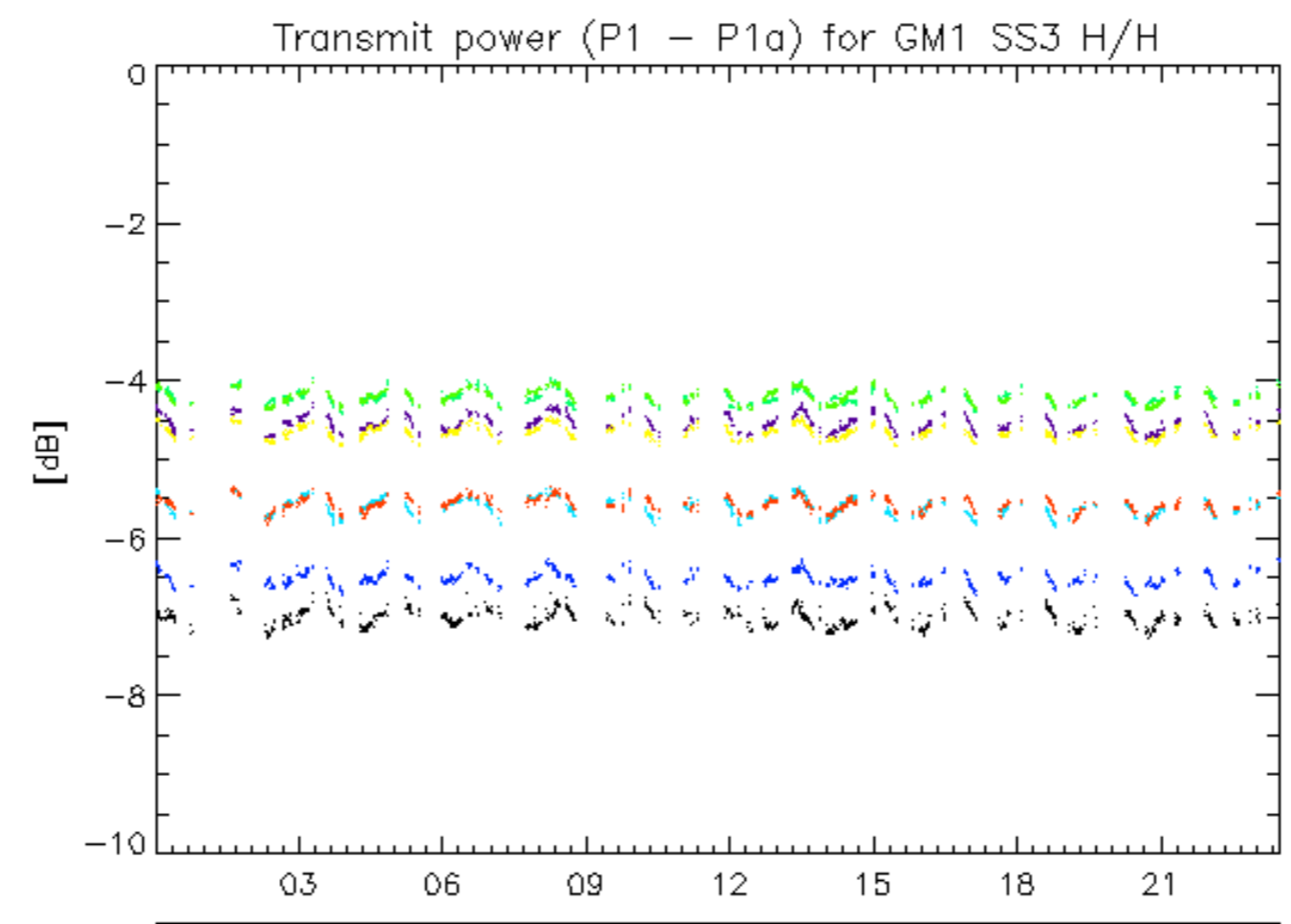
Calibration pulses for WVS IS2 V/V



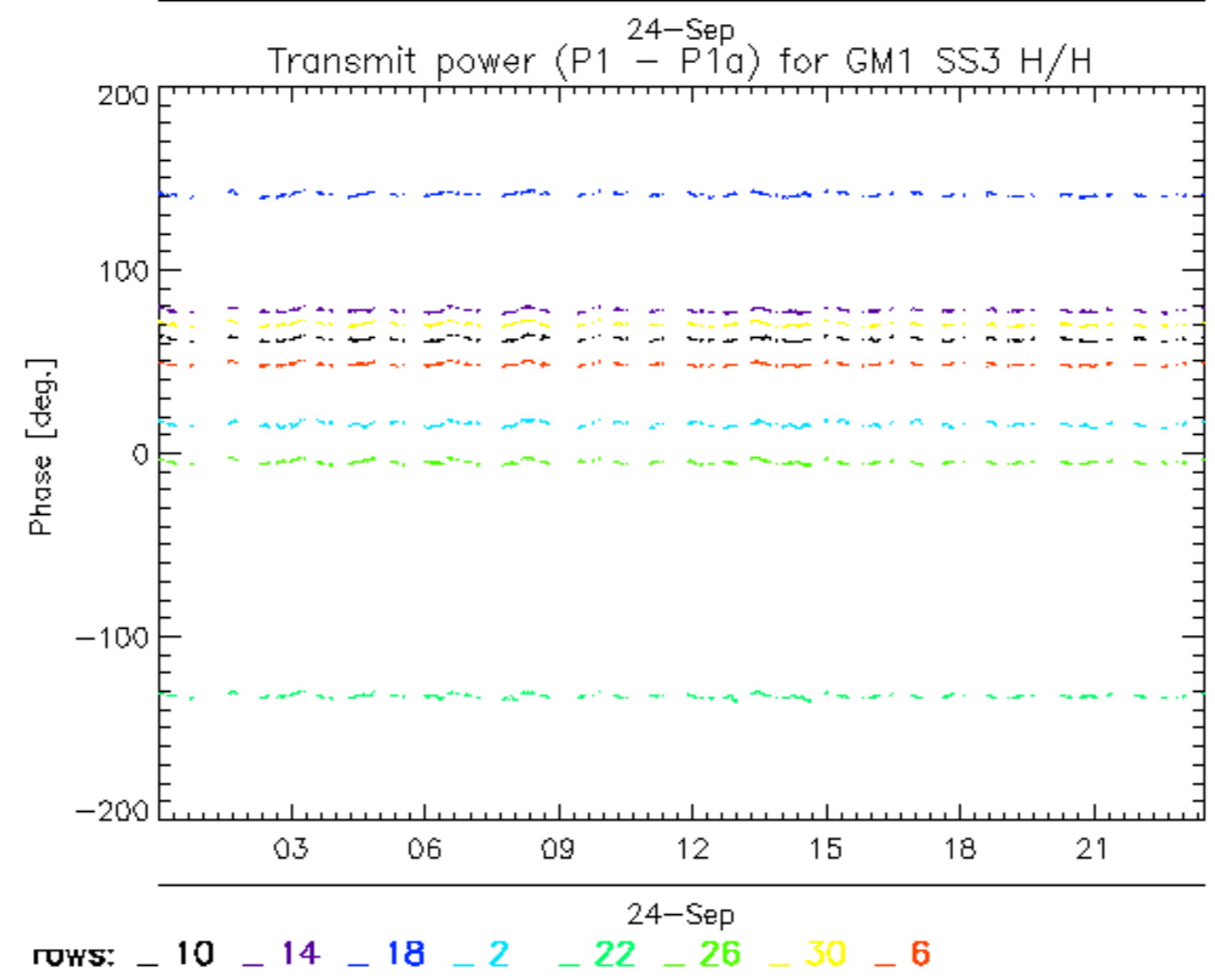
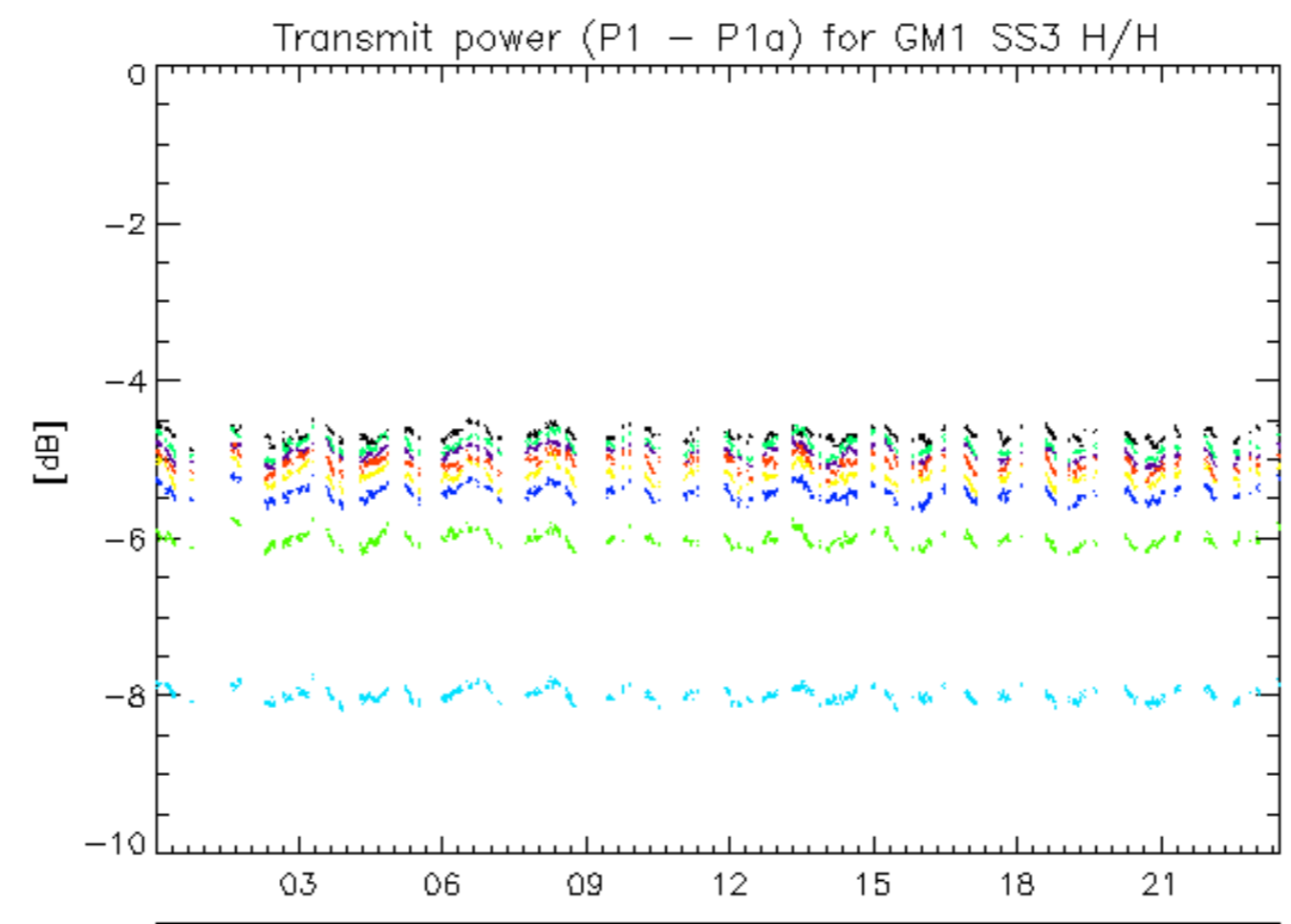
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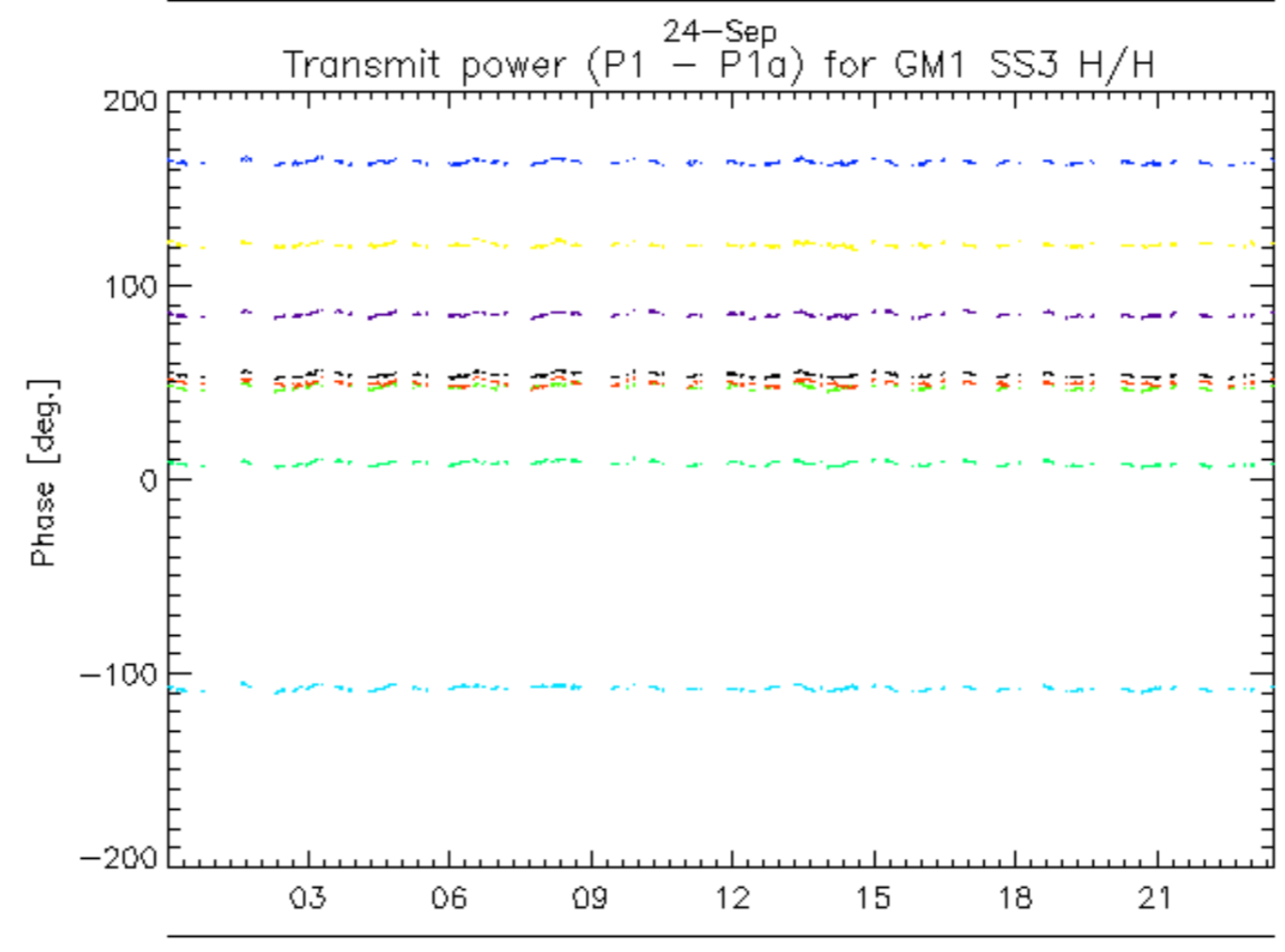
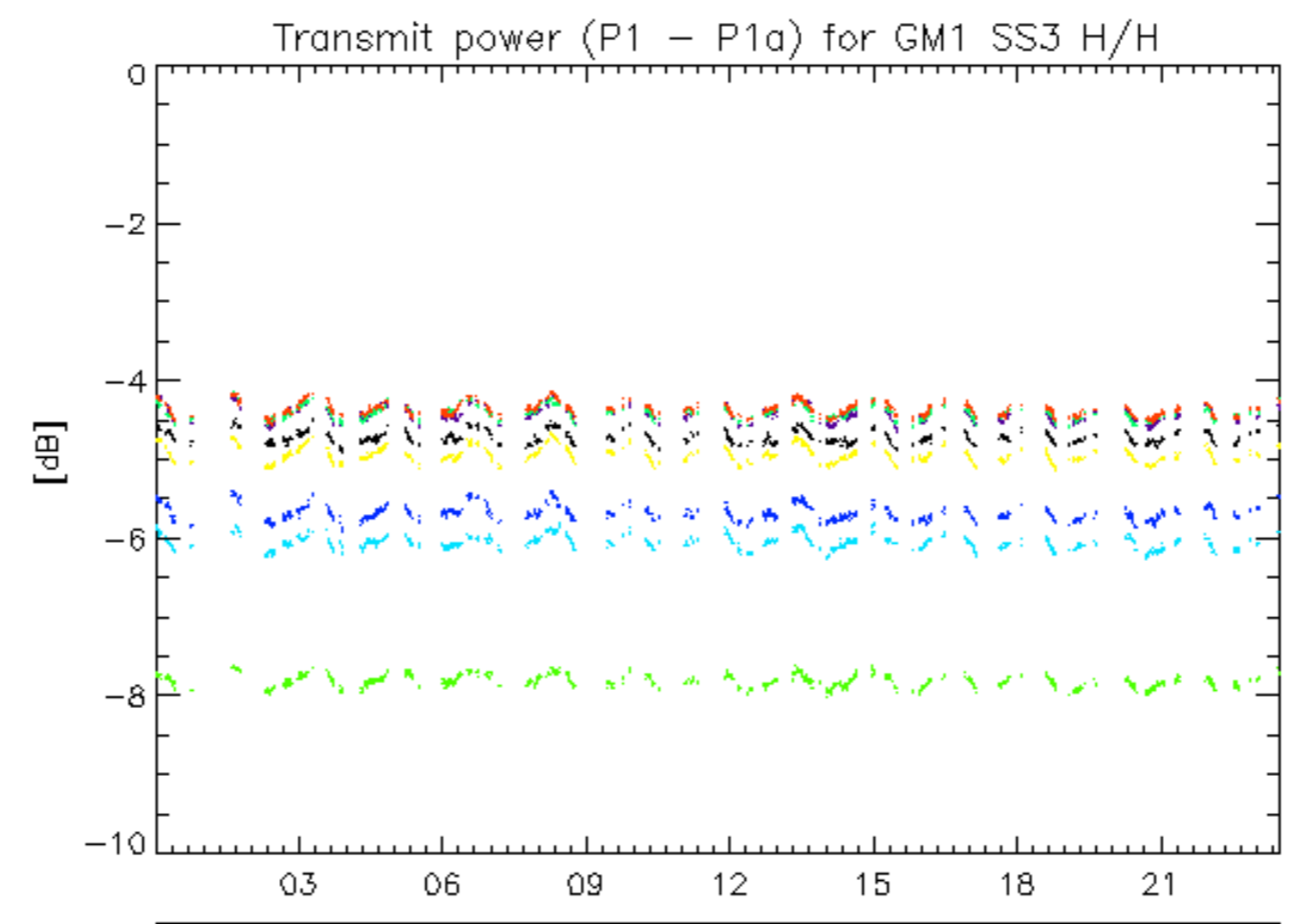






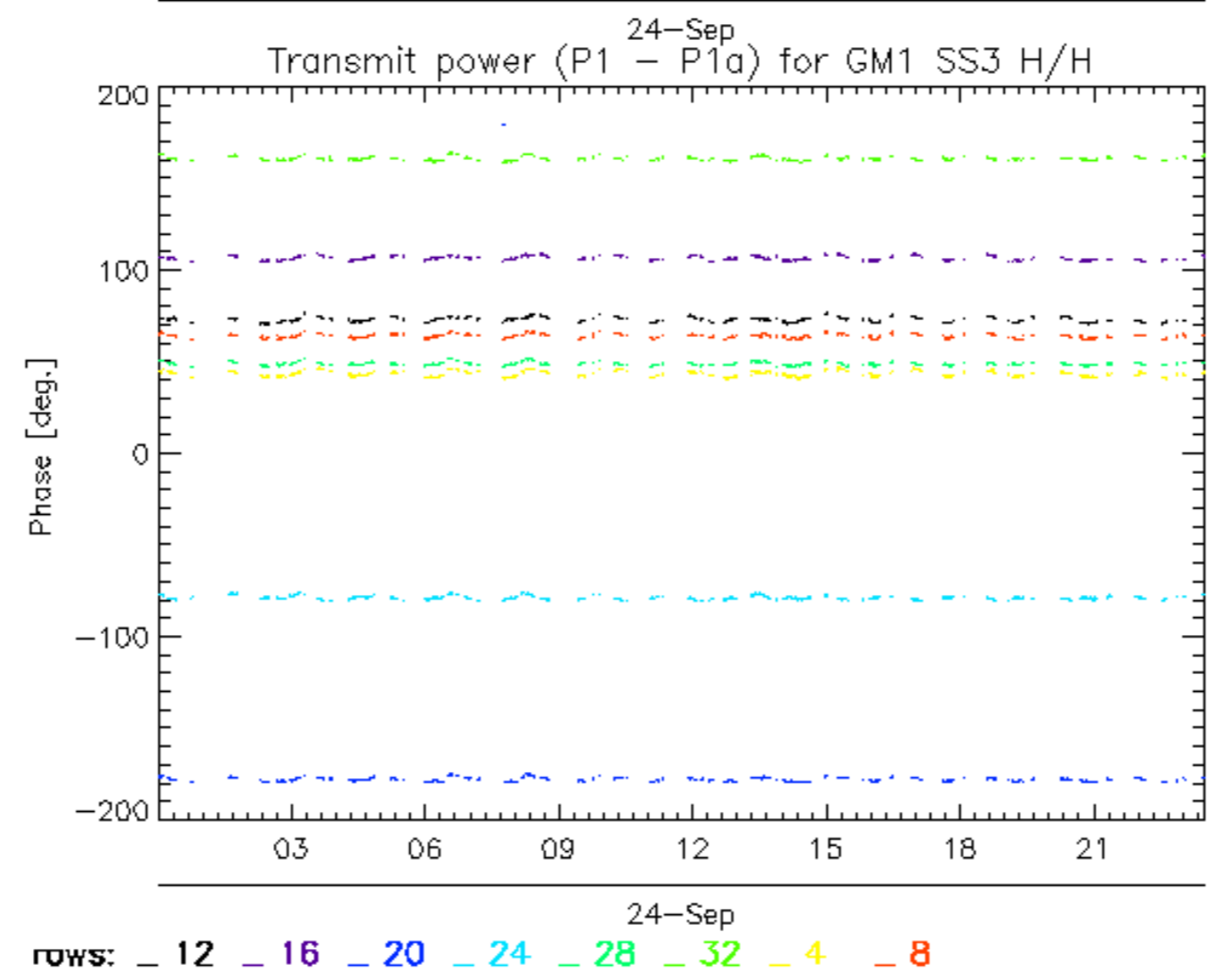
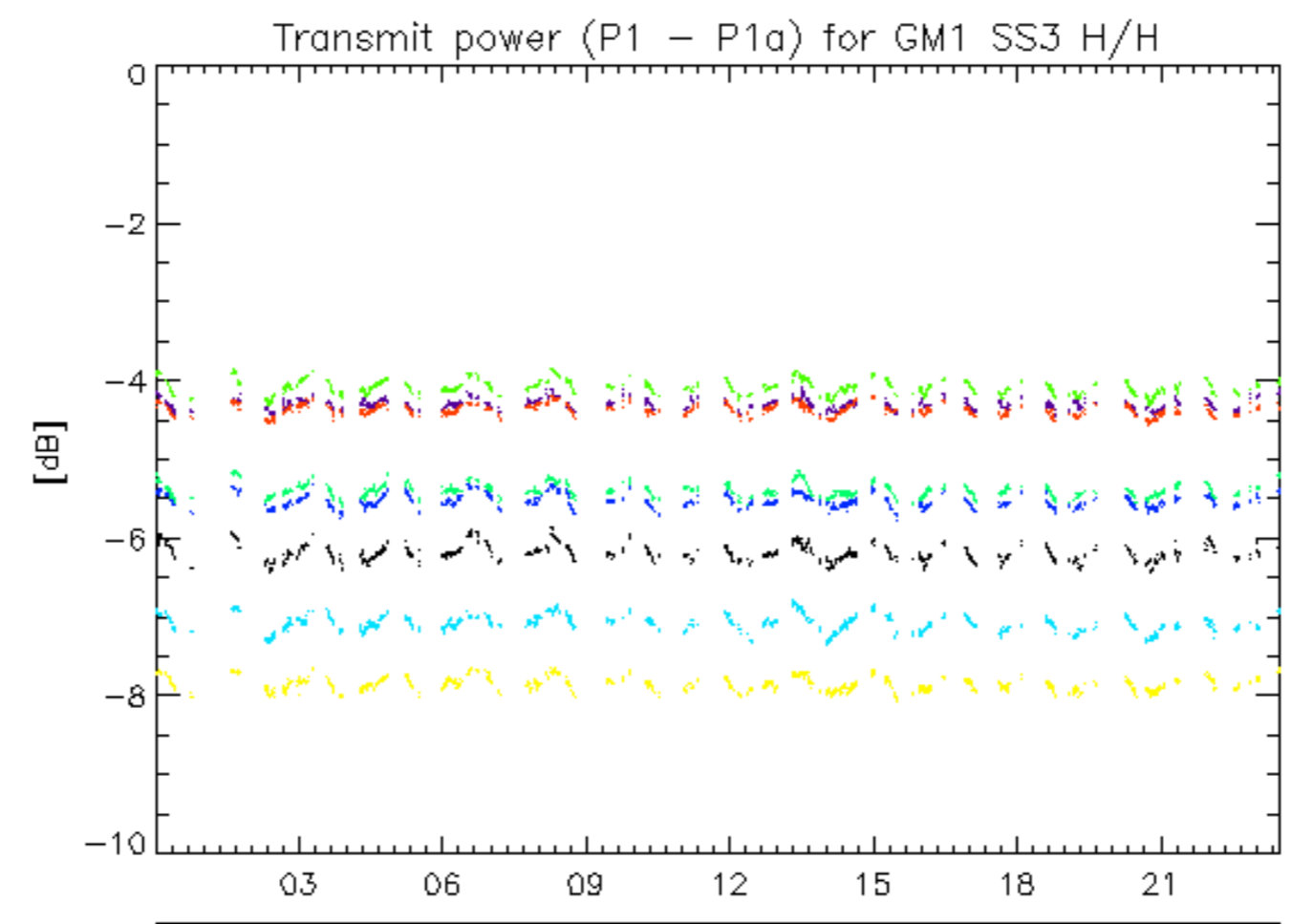
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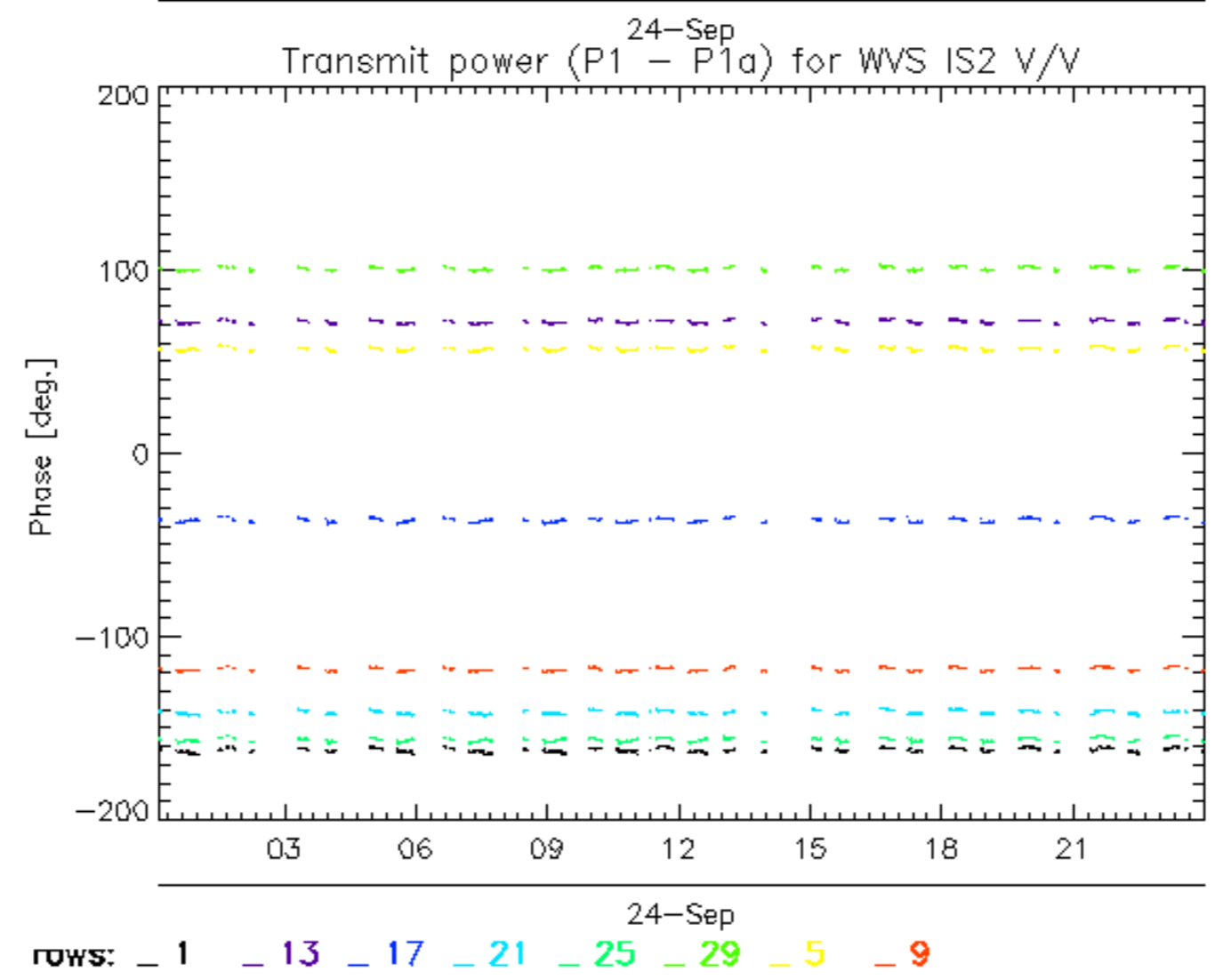
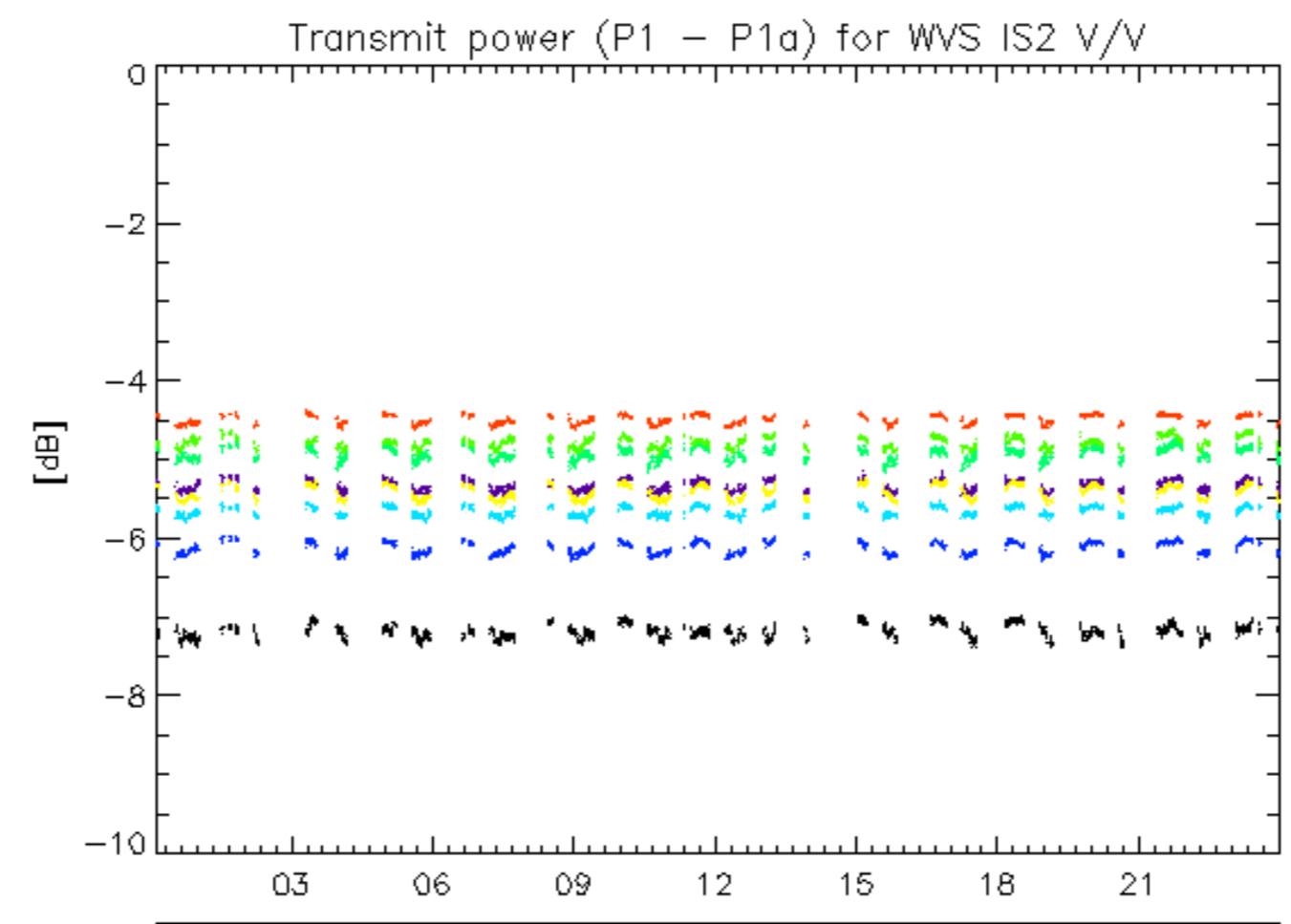


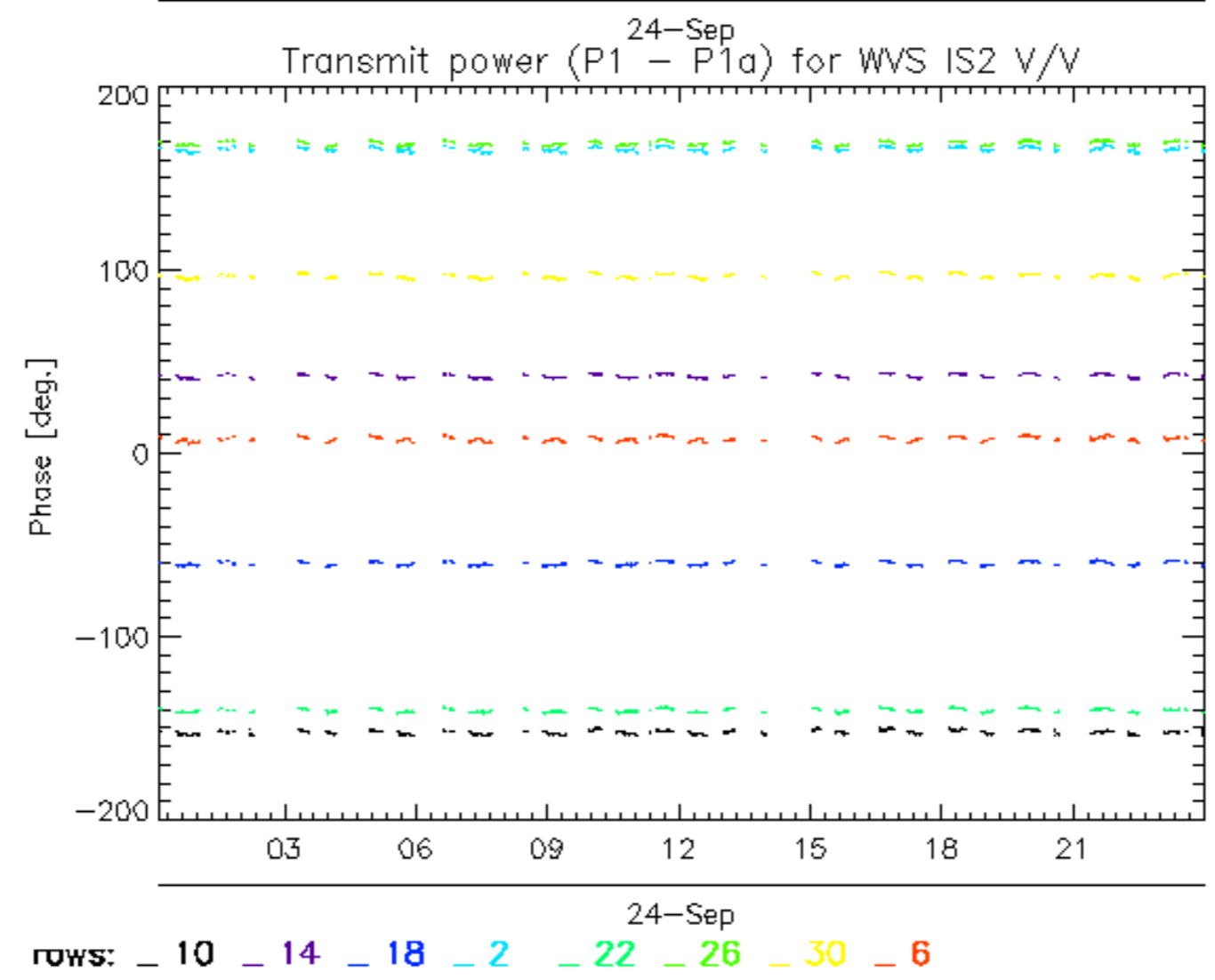
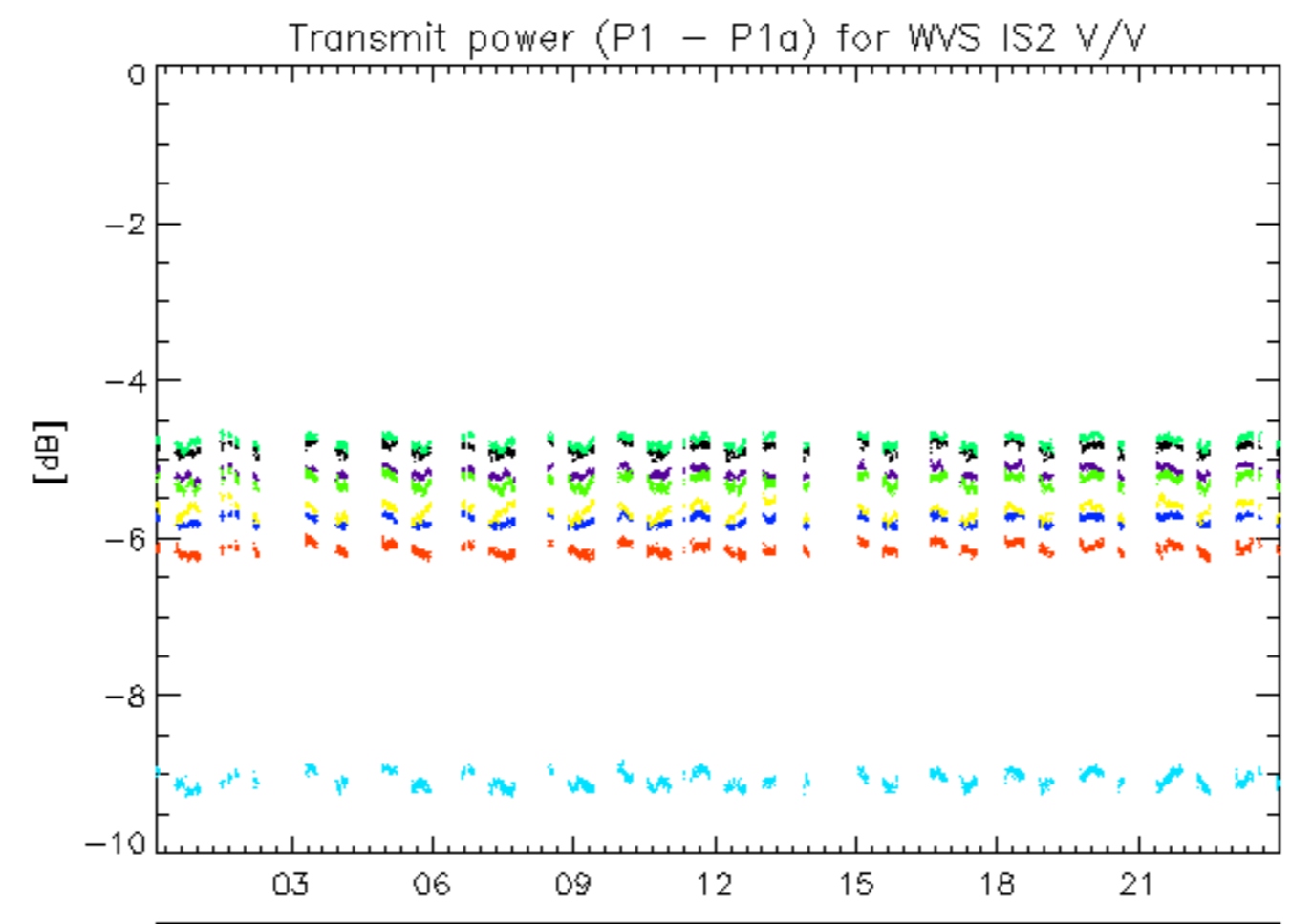


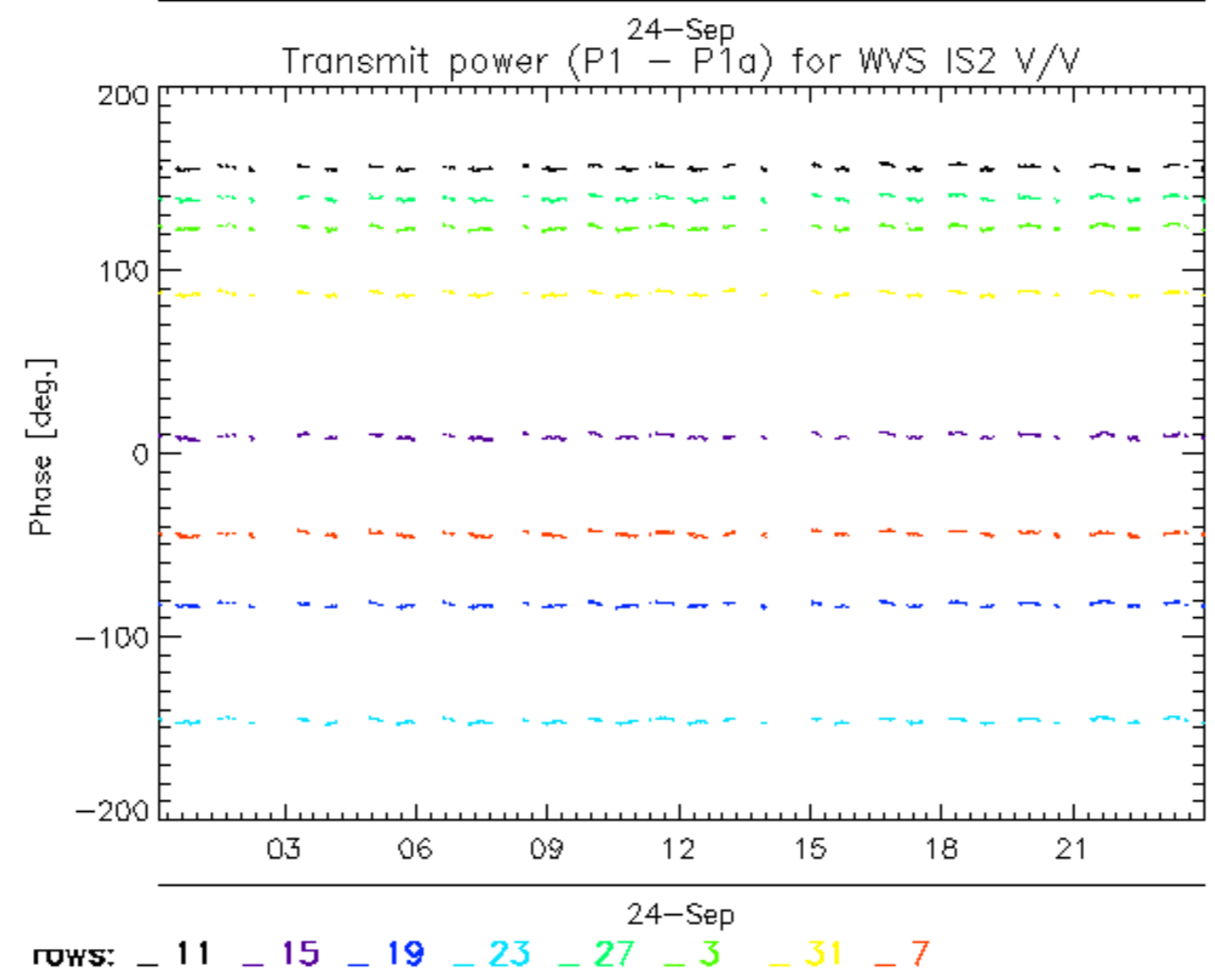
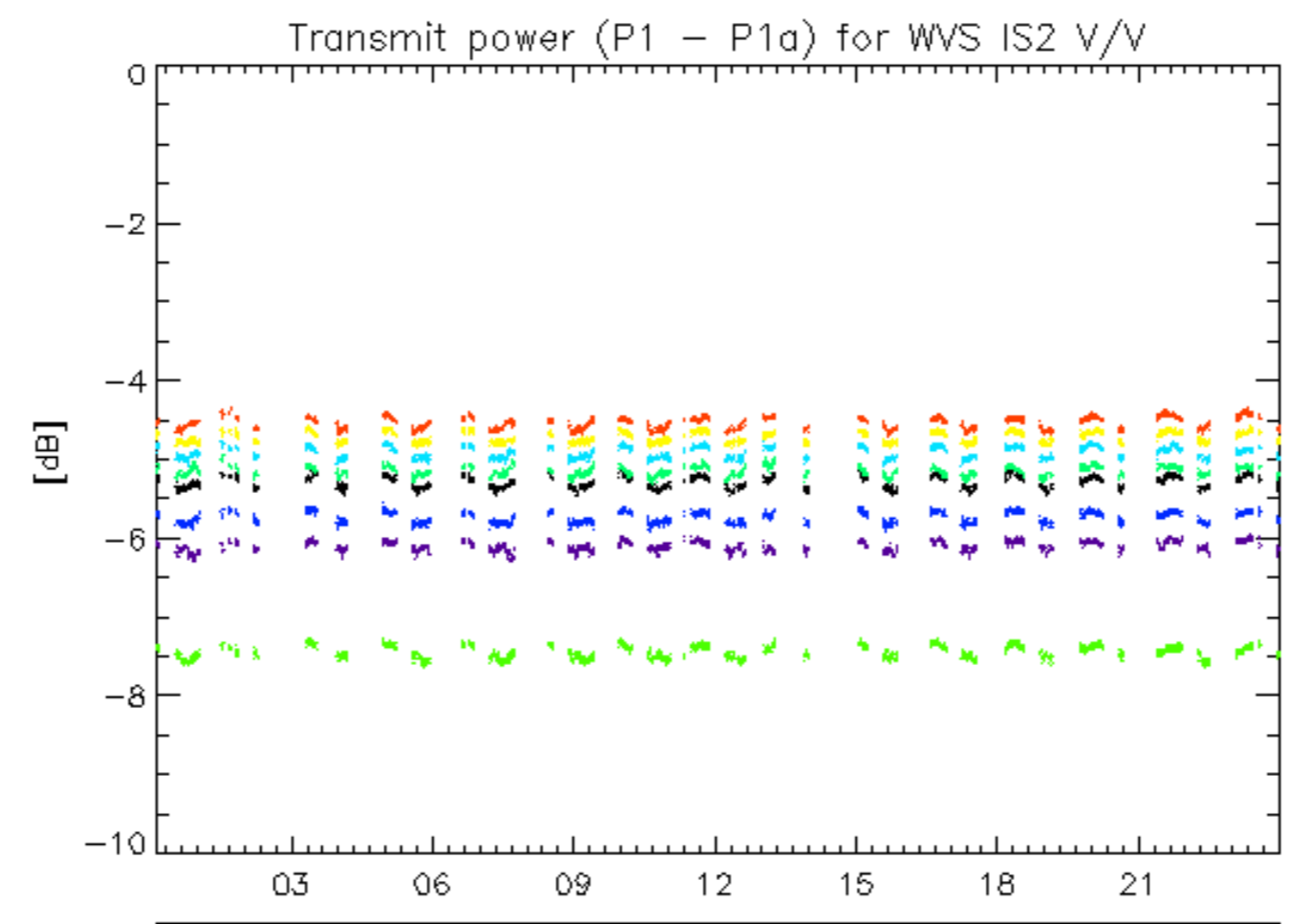
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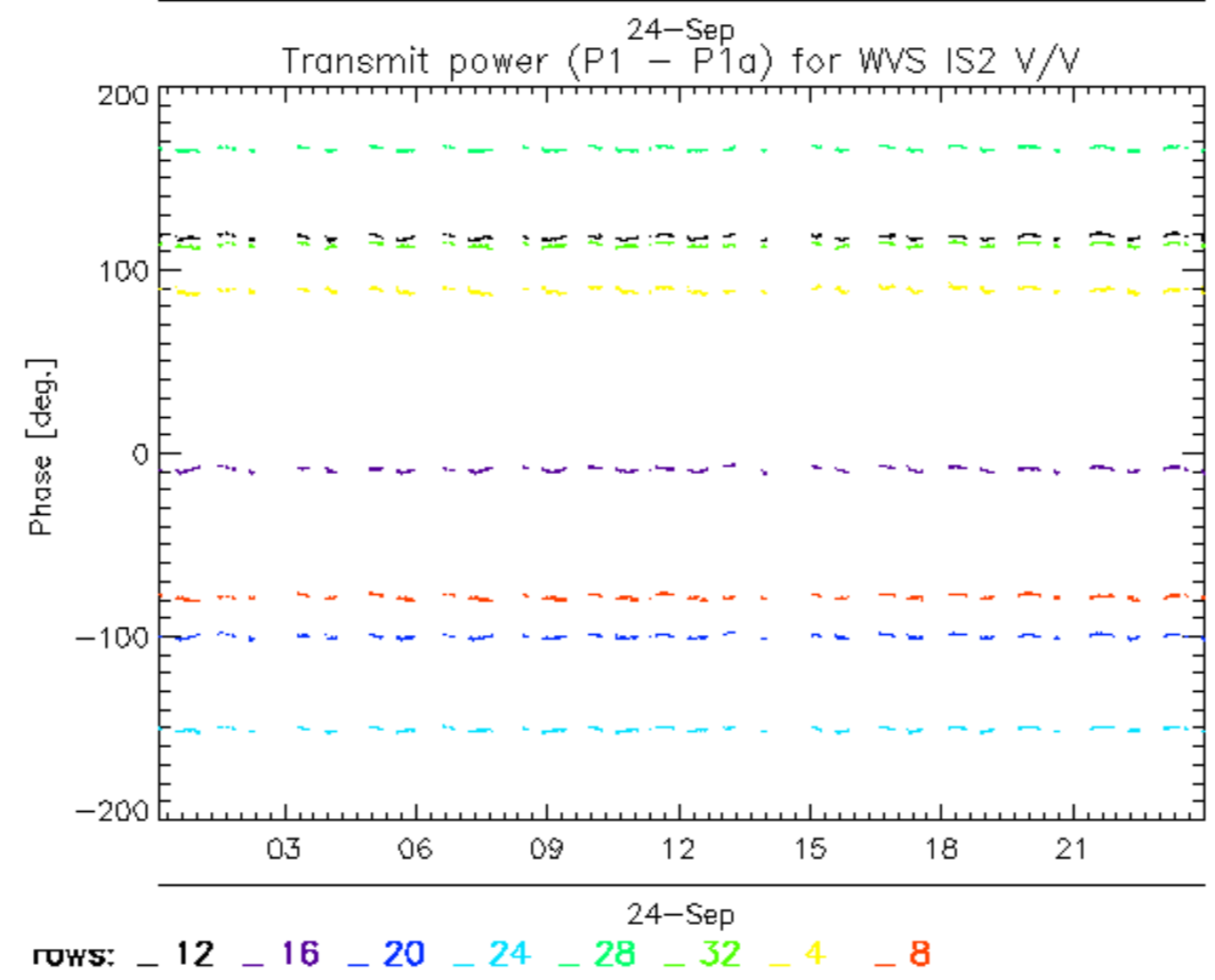
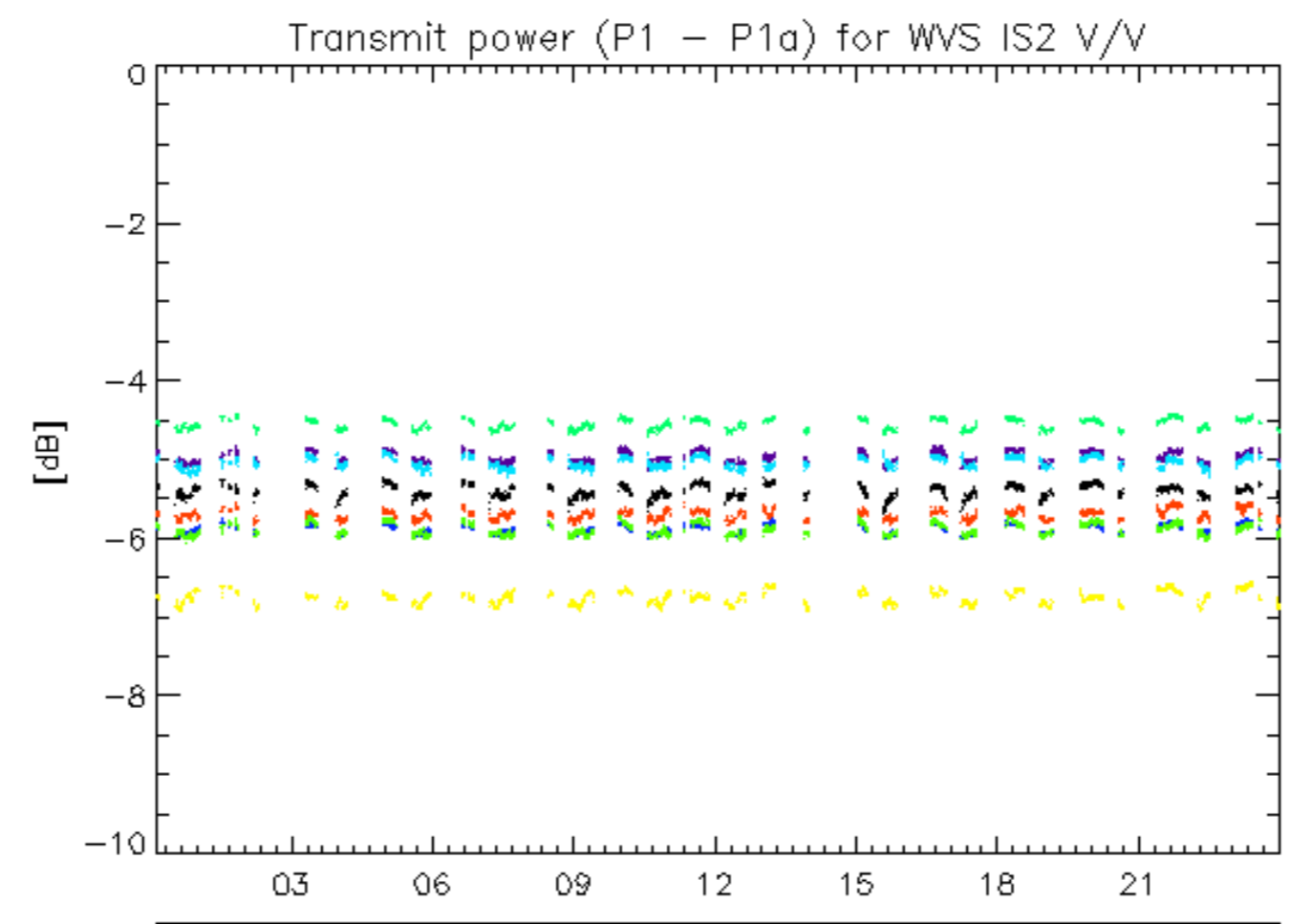


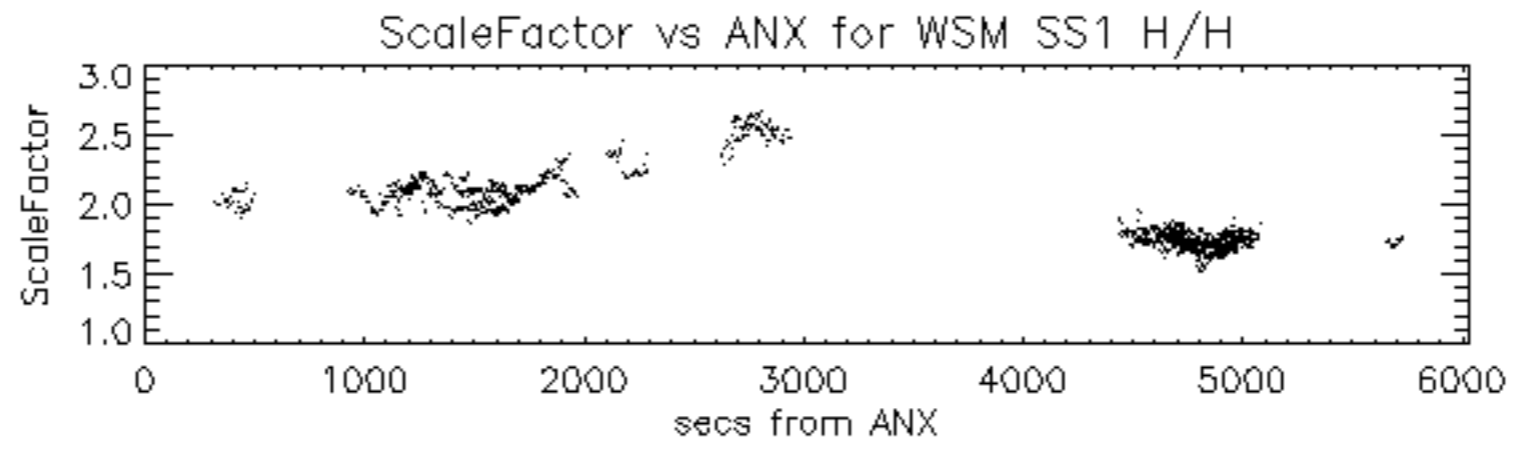


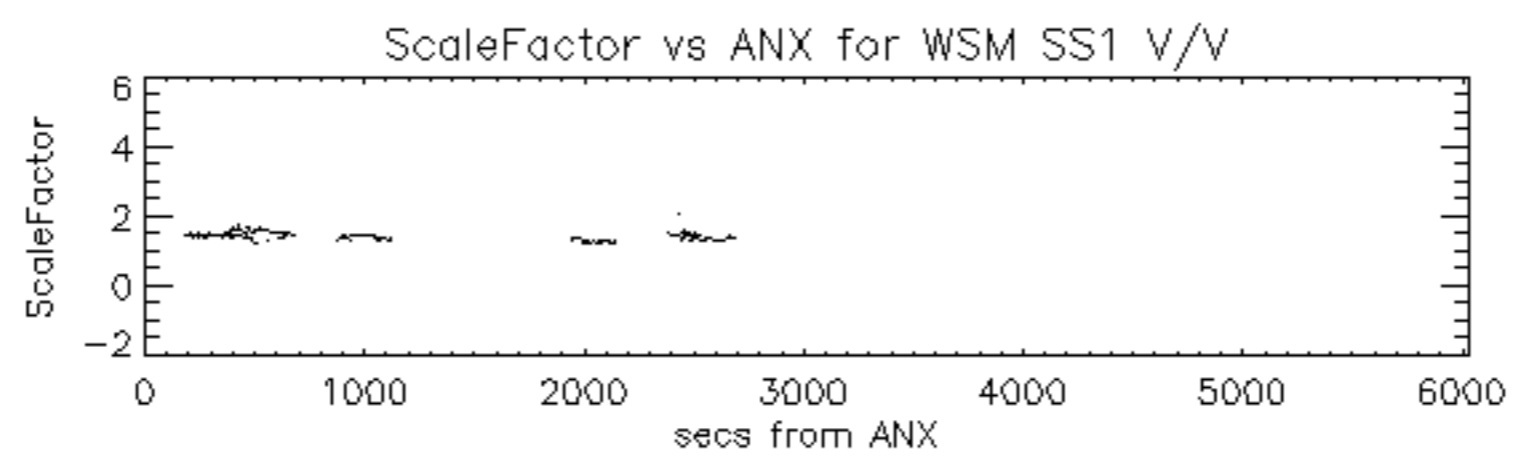


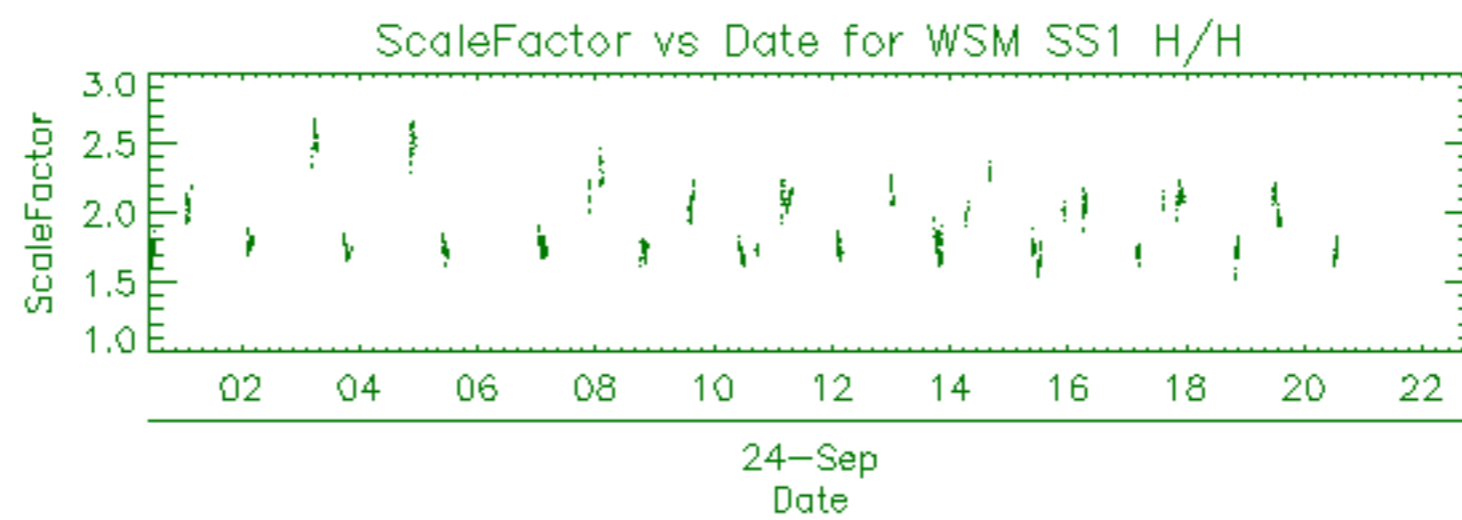




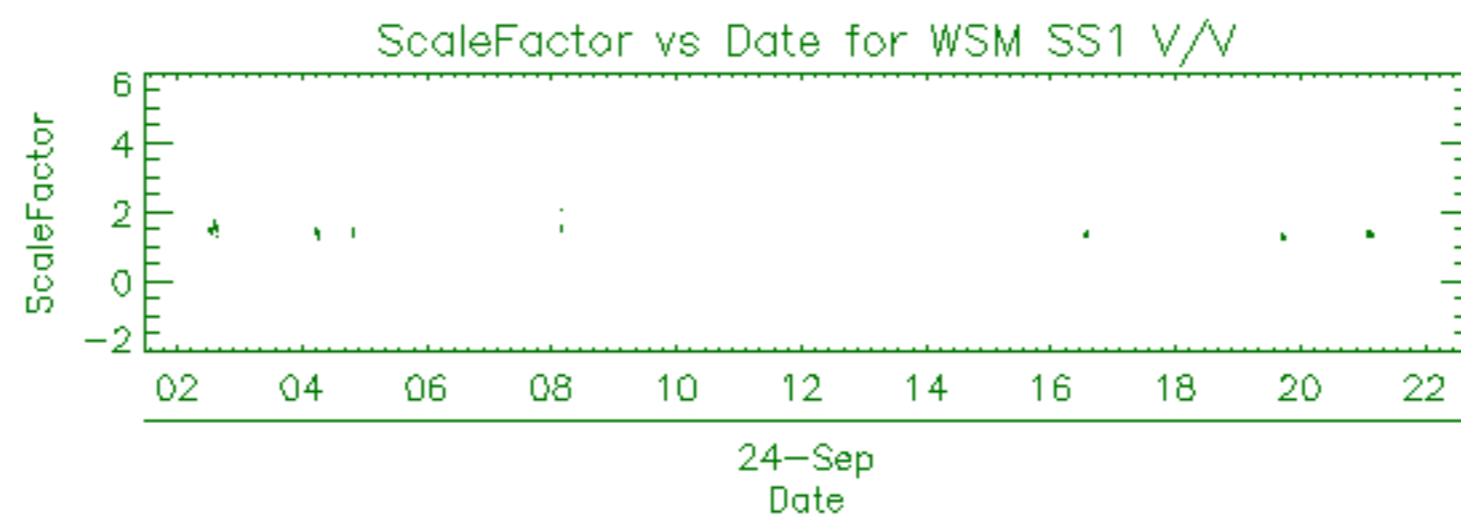












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20110924_095542_000000433107_00022_50036_4253.N1						IS1	H/H	107	50036	22	5.04
ASA_APM_1PNPDE20110924_233153_000000723107_00030_50044_4477.N1						IS4	V/H	107	50044	30	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20110924_001257_000000783107_00016_50030_3986.N1						SS1	H/H	107	50030	16	5.04
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ASA_GM1_1PNPDE20110924_004438_000000843107_00016_50030_4023.N1						SS1	H/H	107	50030	16	5.04
ASA_GM1_1PNPDE20110924_013555_000002833107_00017_50031_4033.N1						SS1	H/H	107	50031	17	5.04
ASA_GM1_1PNPDE20110924_014310_000002113107_00017_50031_4030.N1						SS1	H/H	107	50031	17	5.04
ASA_GM1_1PNPDE20110924_021748_000007673107_00017_50031_4053.N1						SS1	H/H	107	50031	17	5.04
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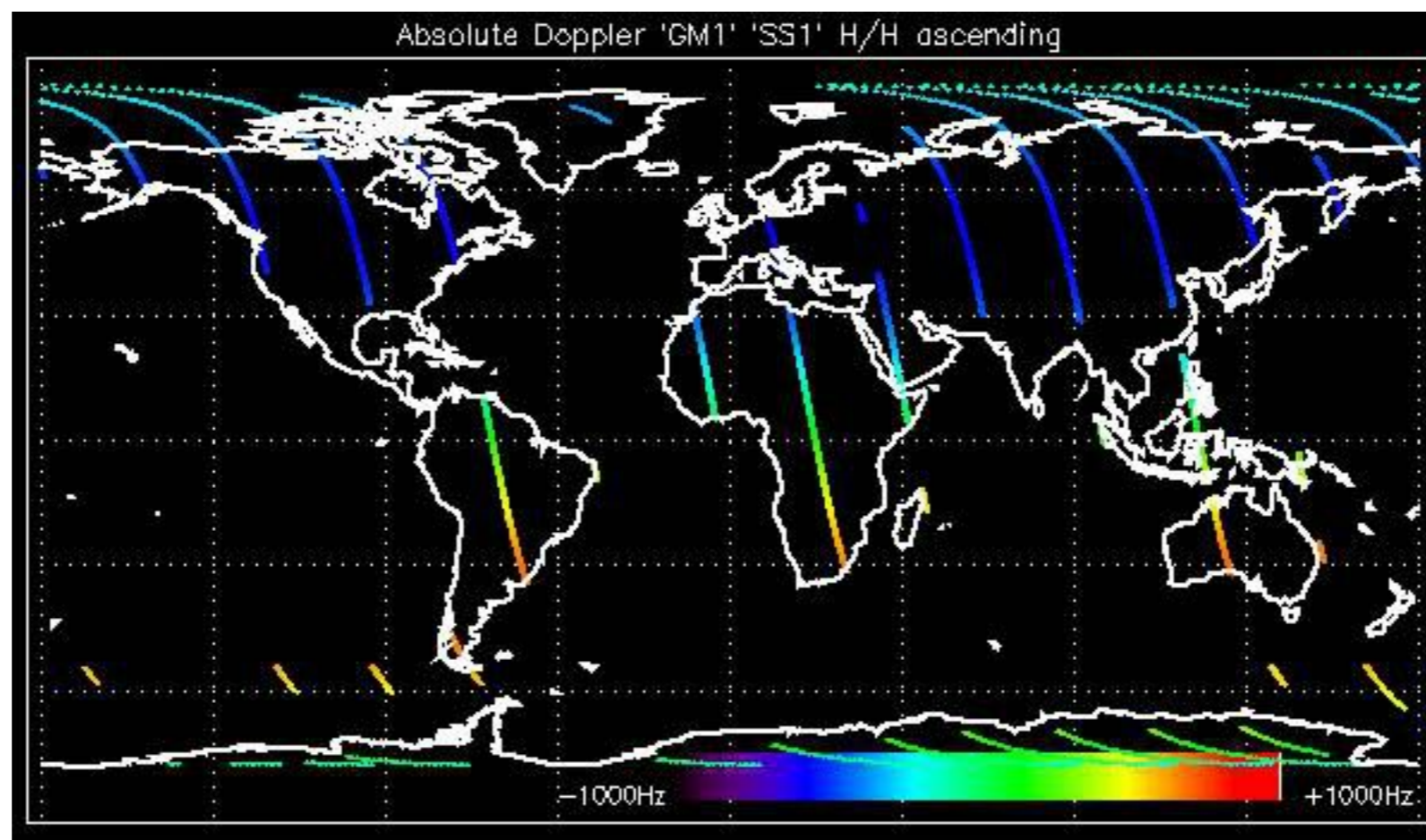
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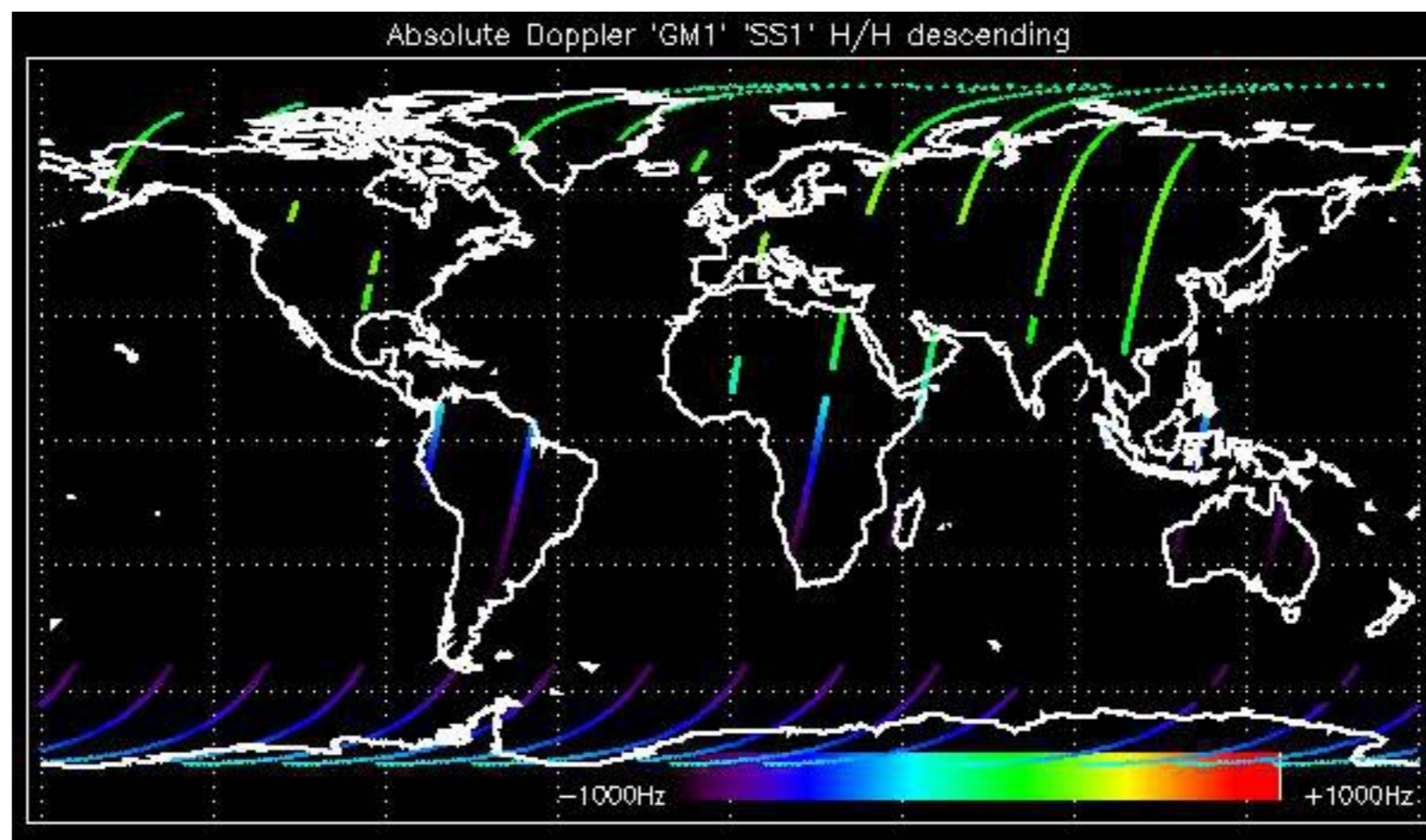
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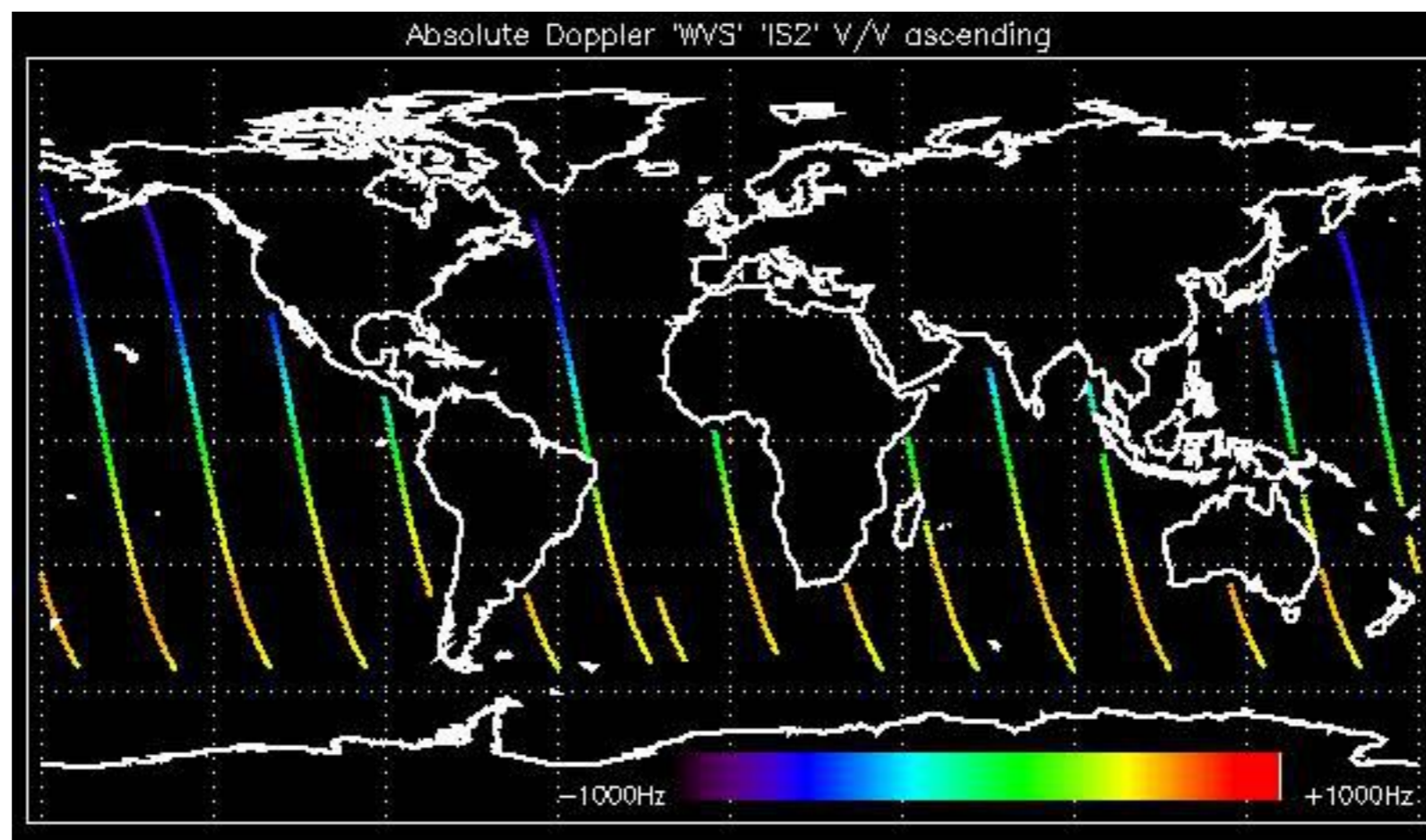
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ASA_WSM_1PNPDE20110924_020528_000003923107_00017_50031_4024.N1						SS1	H/H	107	50031	17	5.04
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ASA_WSM_1PNPDE20110924_031208_000002943107_00018_50032_4052.N1						SS1	H/H	107	50032	18	5.04
ASA_WSM_1PNPDE20110924_034425_000003923107_00018_50032_4105.N1						SS1	H/H	107	50032	18	5.04
ASA_WSM_1PNPDK20110924_041218_000002693107_00019_50033_3820.N1						SS1	V/V	107	50033	19	5.04
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ASA_WSM_1PNPDK20110924_120443_000003363107_00023_50037_3974.N1						SS1	H/H	107	50037	23	5.04
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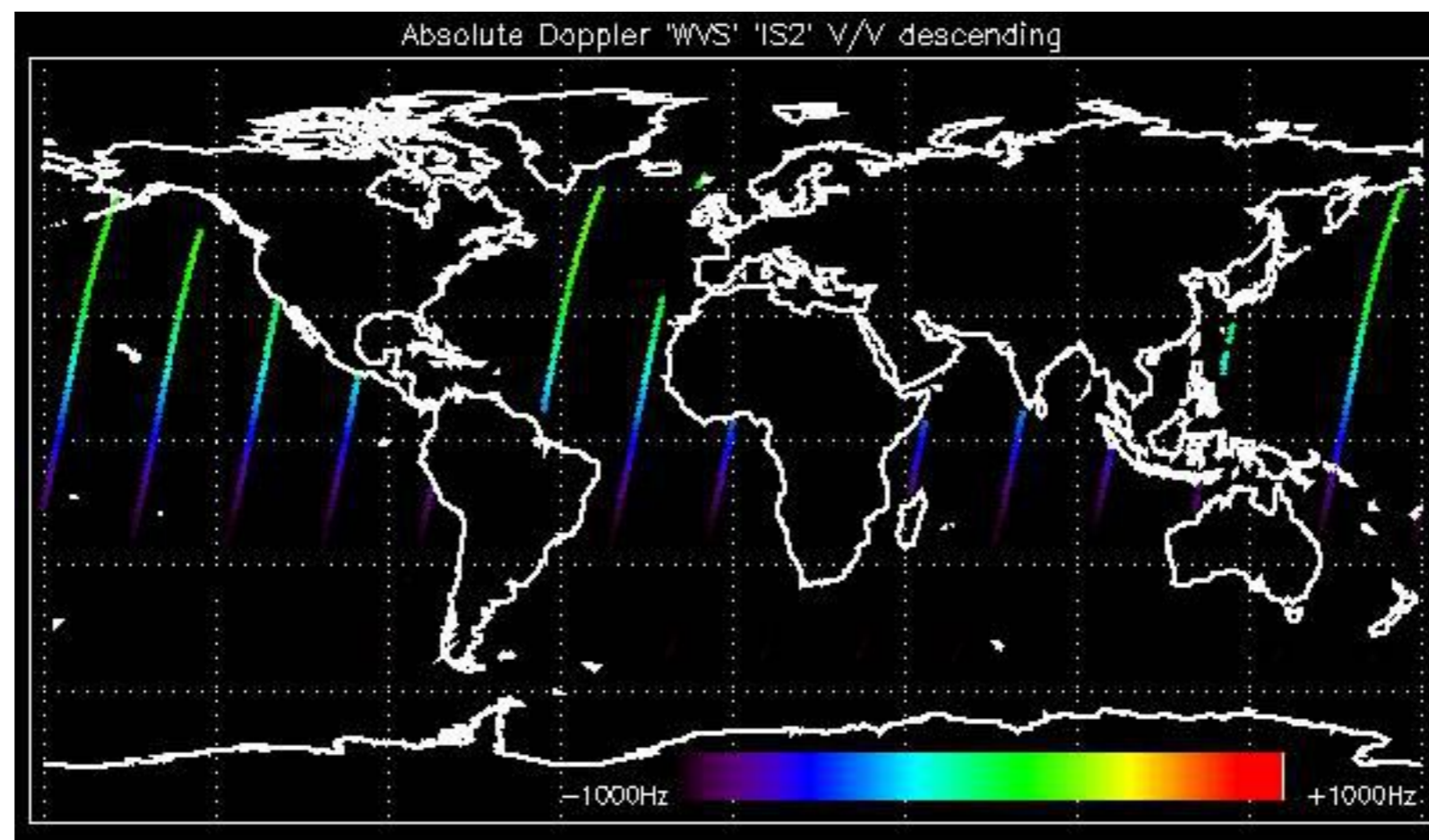
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ASA_WVS_1PNPDE20110924_021201_000001203107_00017_50031_4025.N1						IS2	V/V	107	50031	17	5.04
ASA_WVS_1PNPDE20110924_021316_000002253107_00017_50031_4057.N1						IS2	V/V	107	50031	17	5.04
ASA_WVS_1PNPDE20110924_031815_000005393107_00018_50032_4055.N1						IS2	V/V	107	50032	18	5.04
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ASA_WVS_1PNPDE20110924_035720_000007943107_00018_50032_4115.N1						IS2	V/V	107	50032	18	5.04
ASA_WVS_1PNPDE20110924_045611_000007943107_00019_50033_4114.N1						IS2	V/V	107	50033	19	5.04
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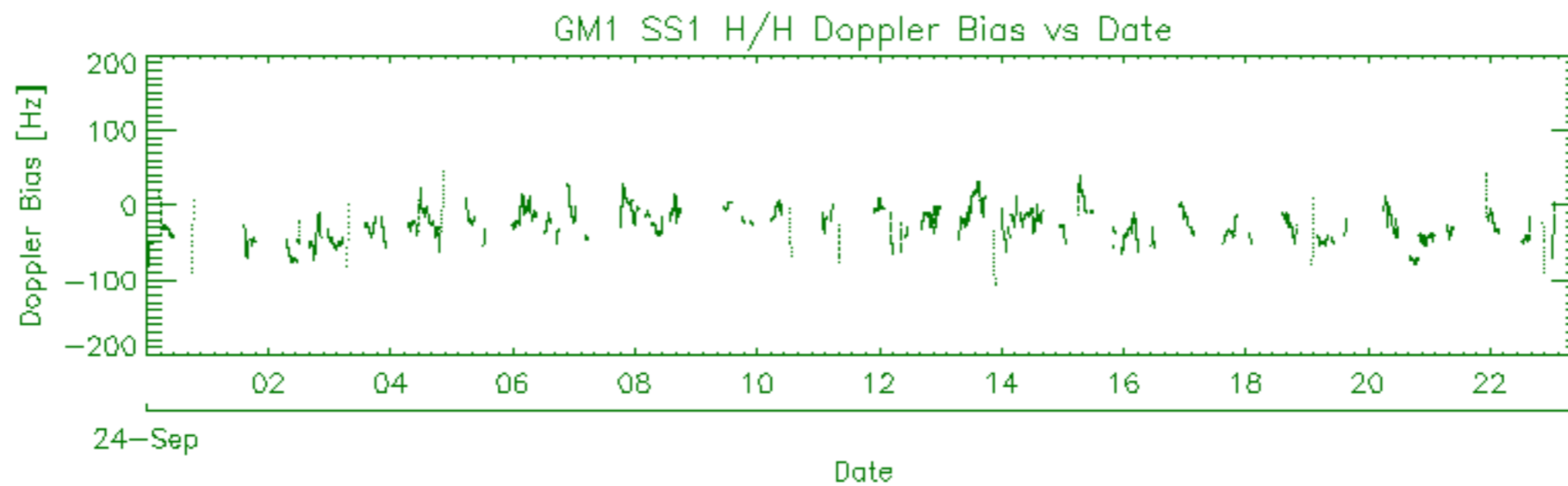
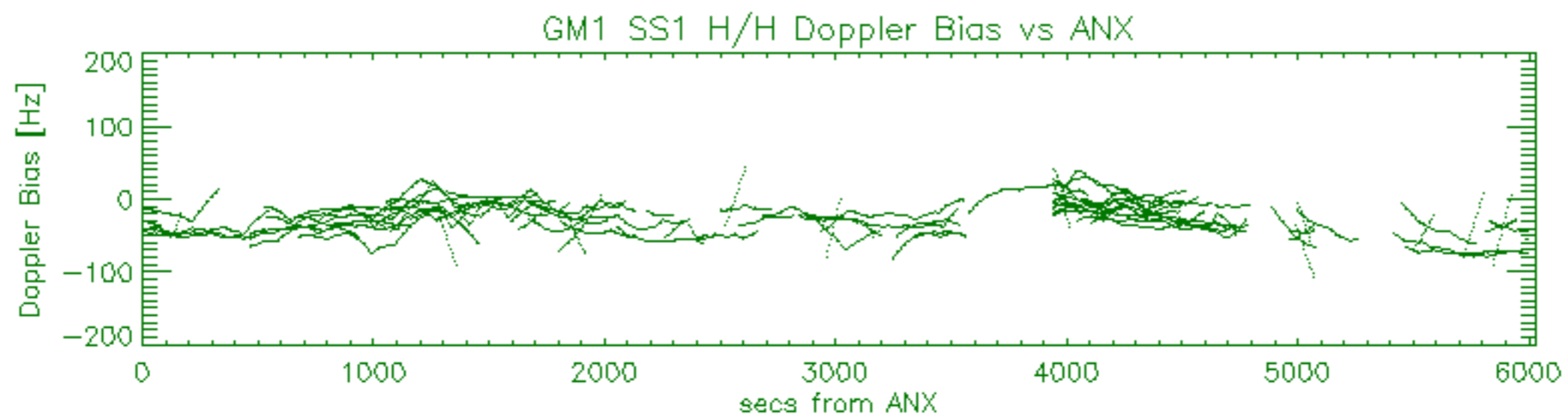
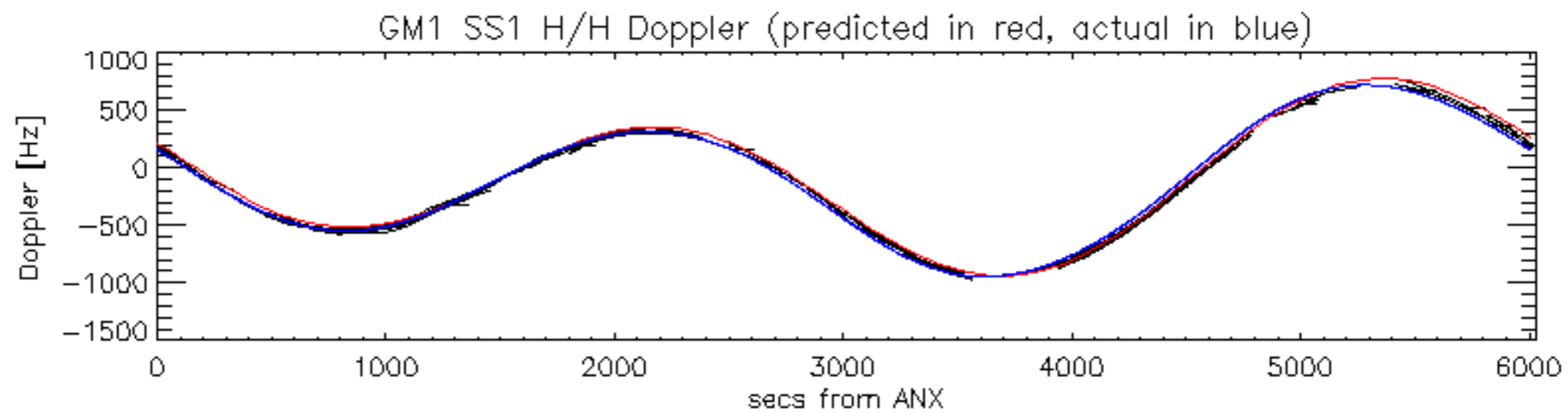


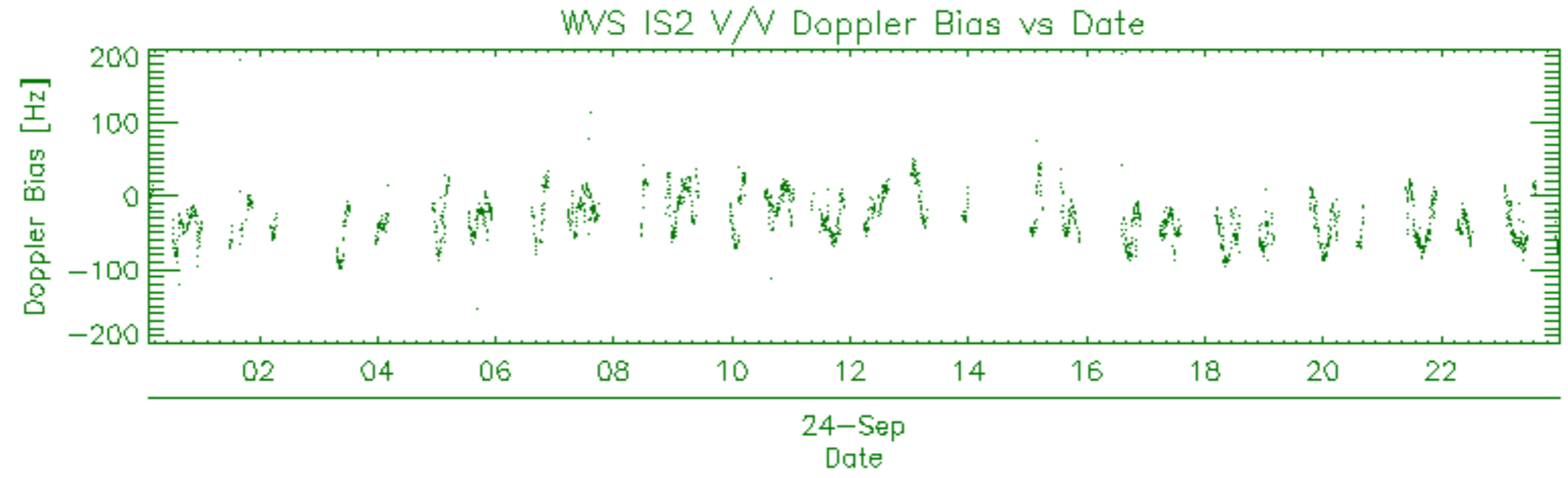
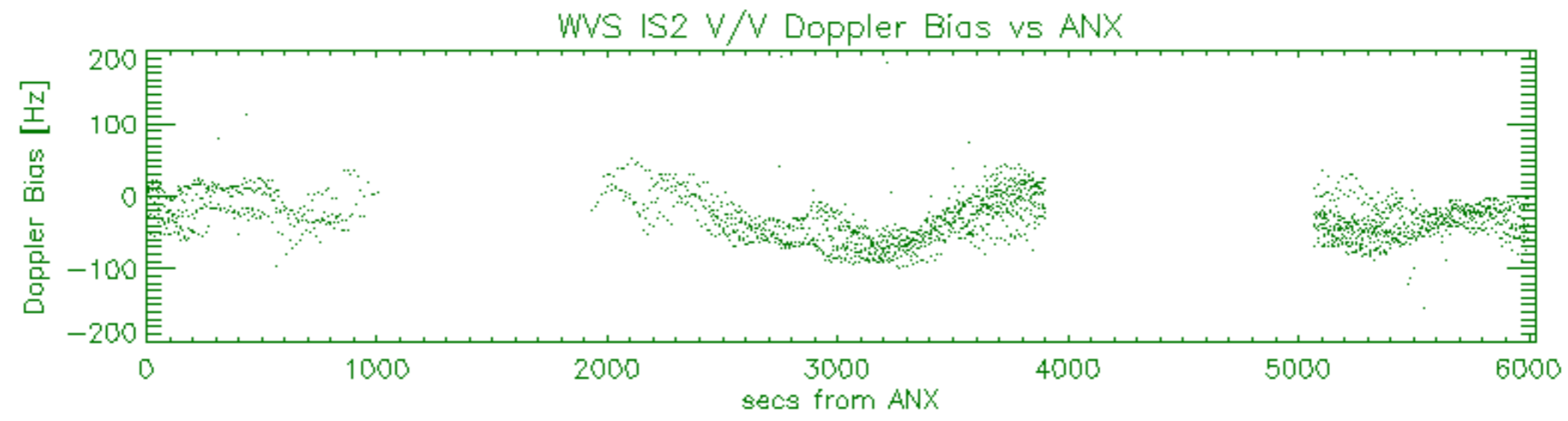
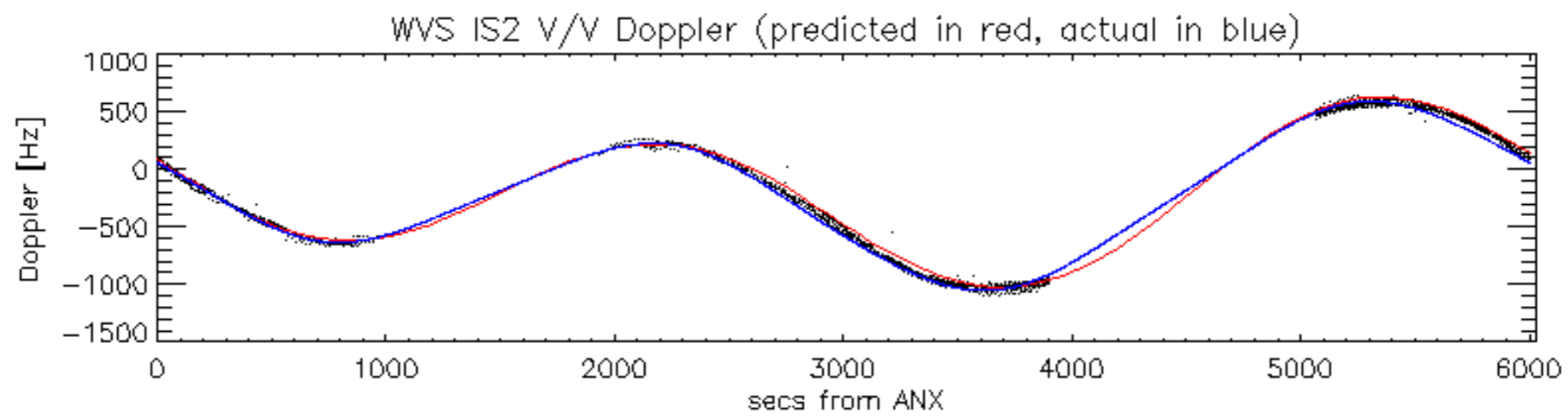


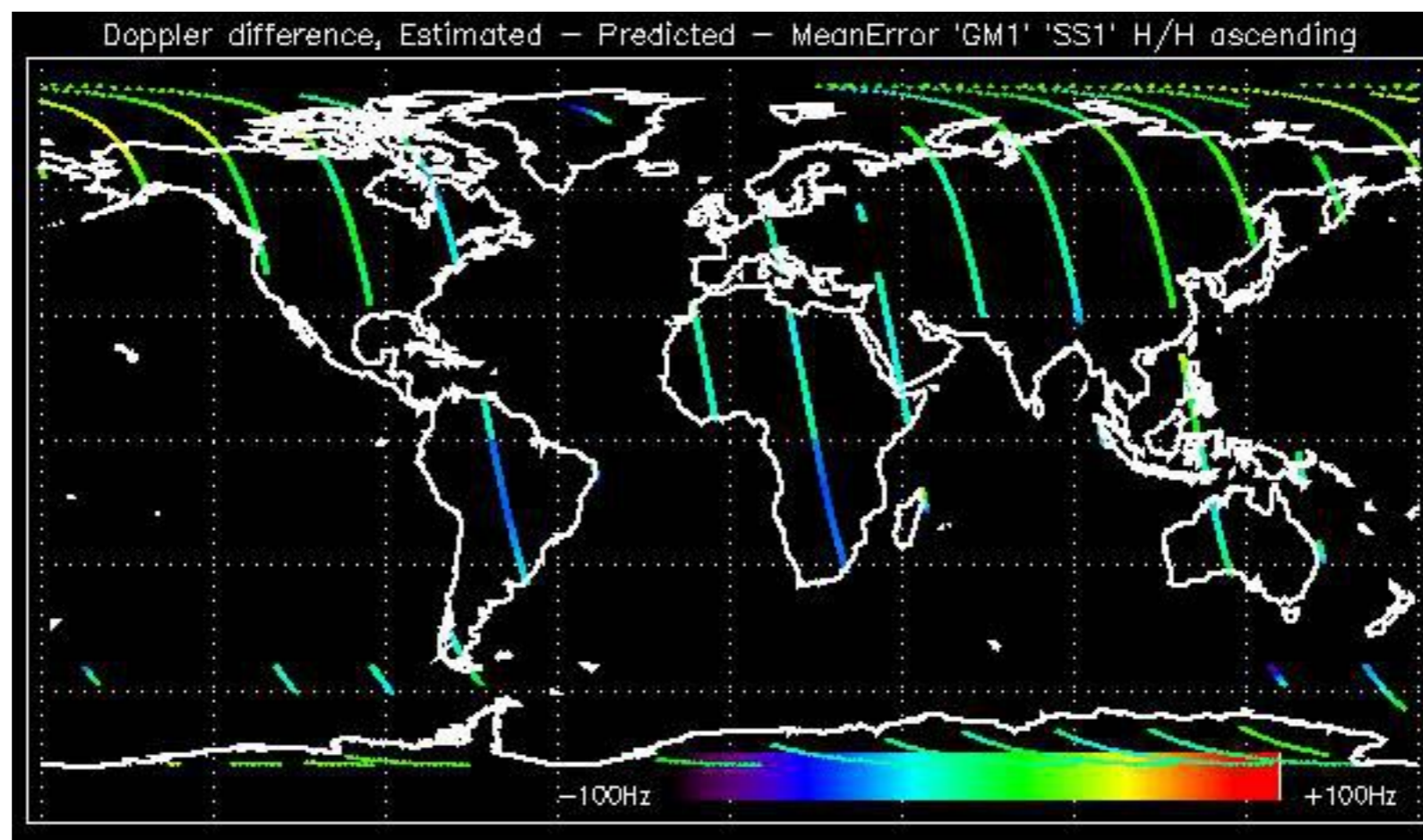


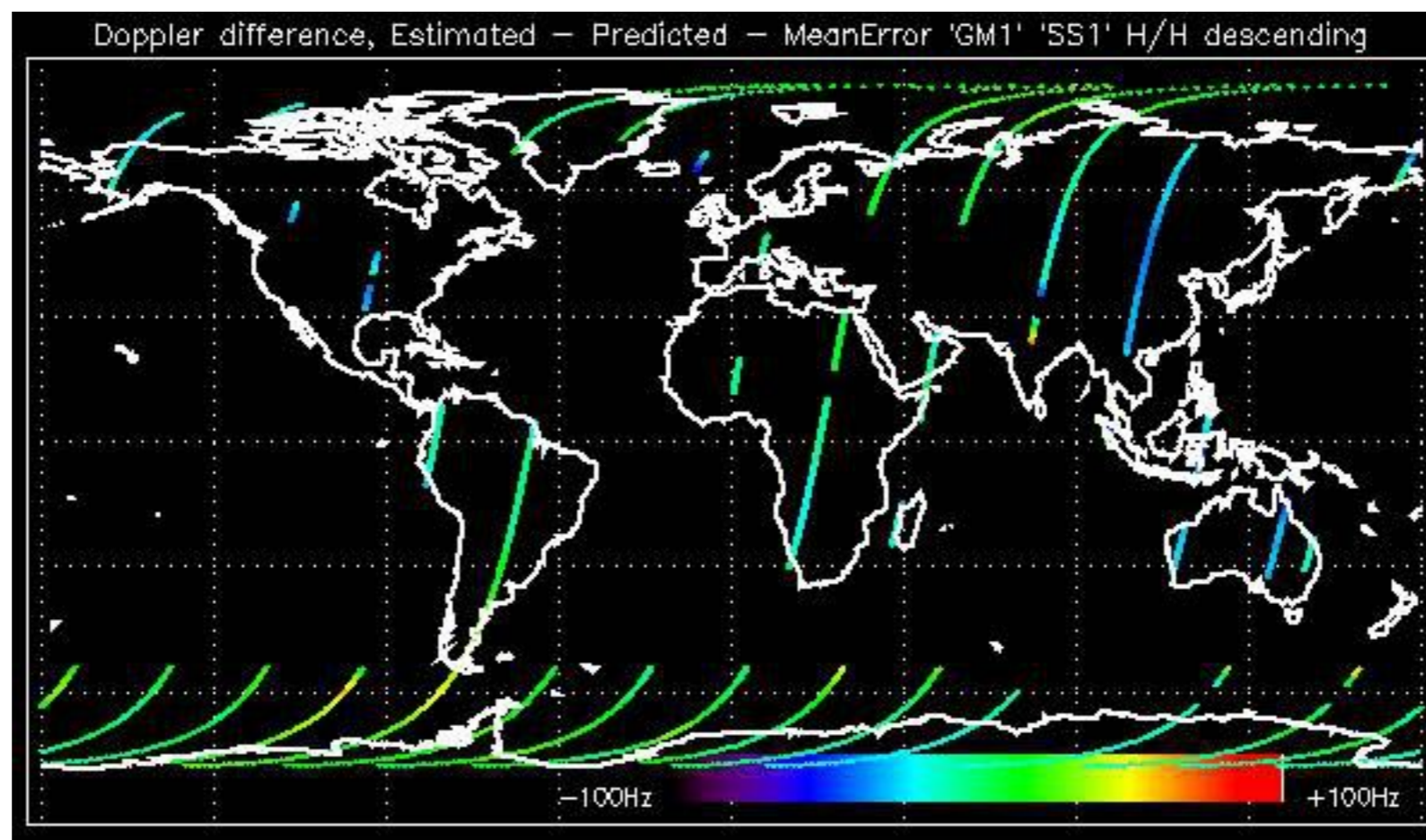




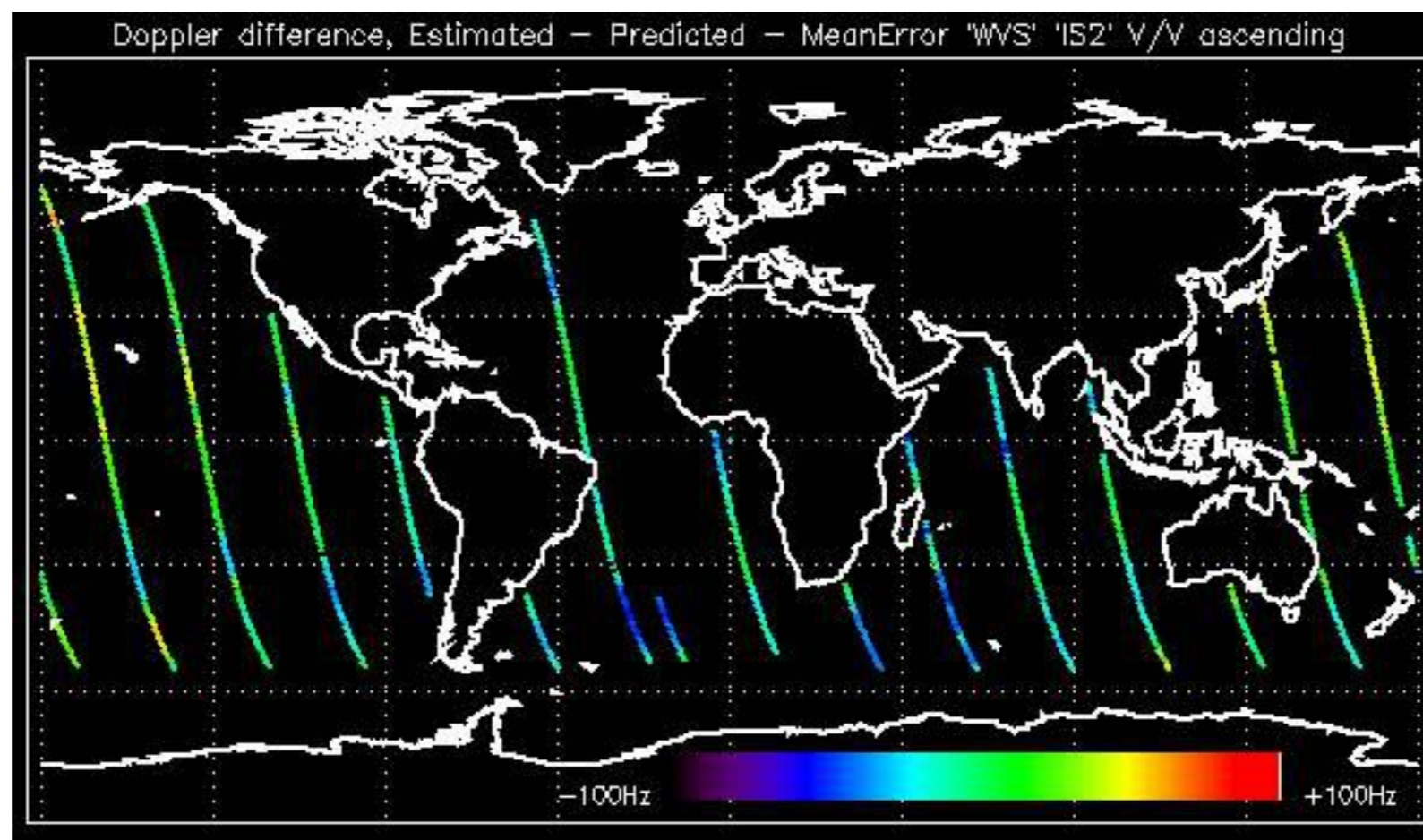


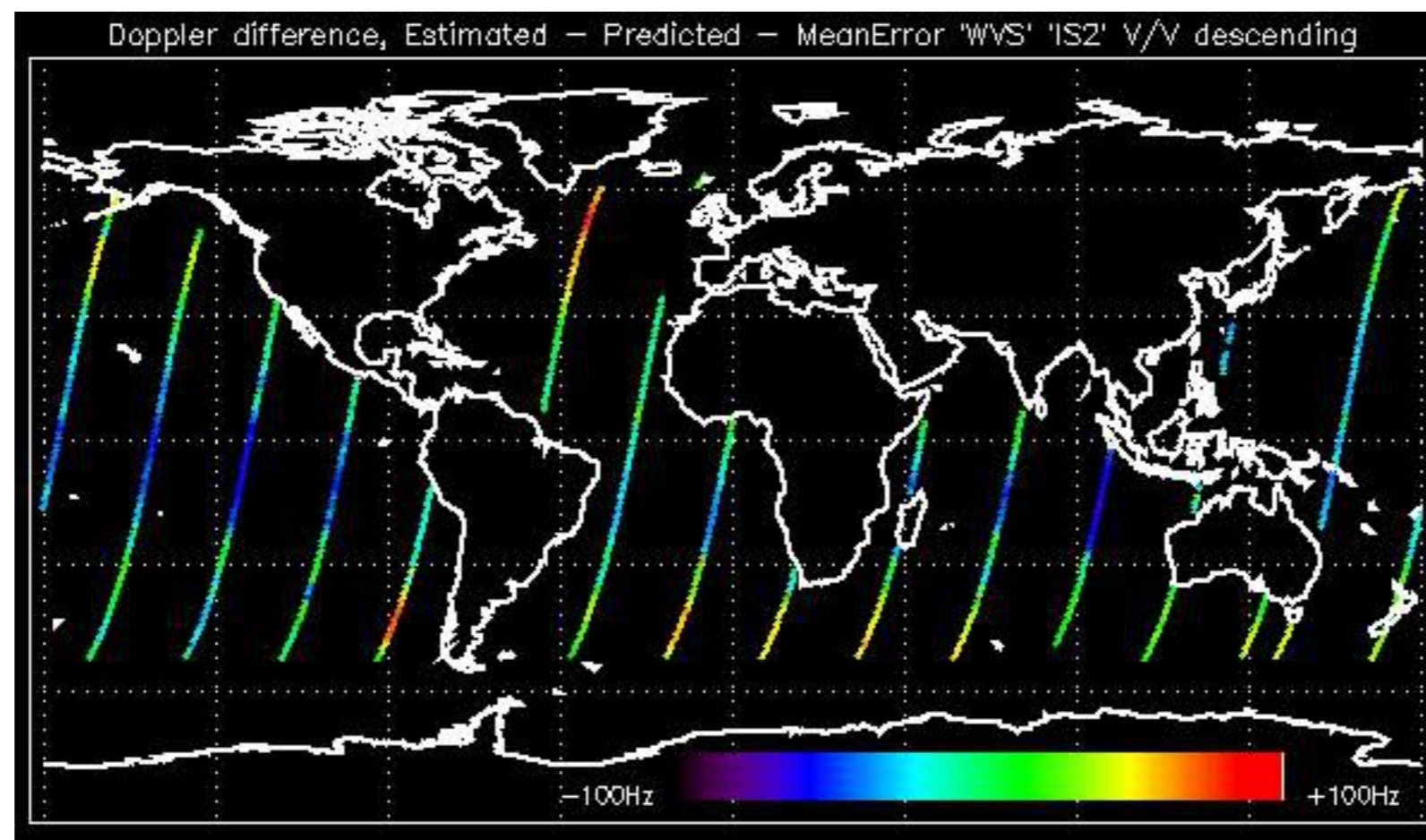


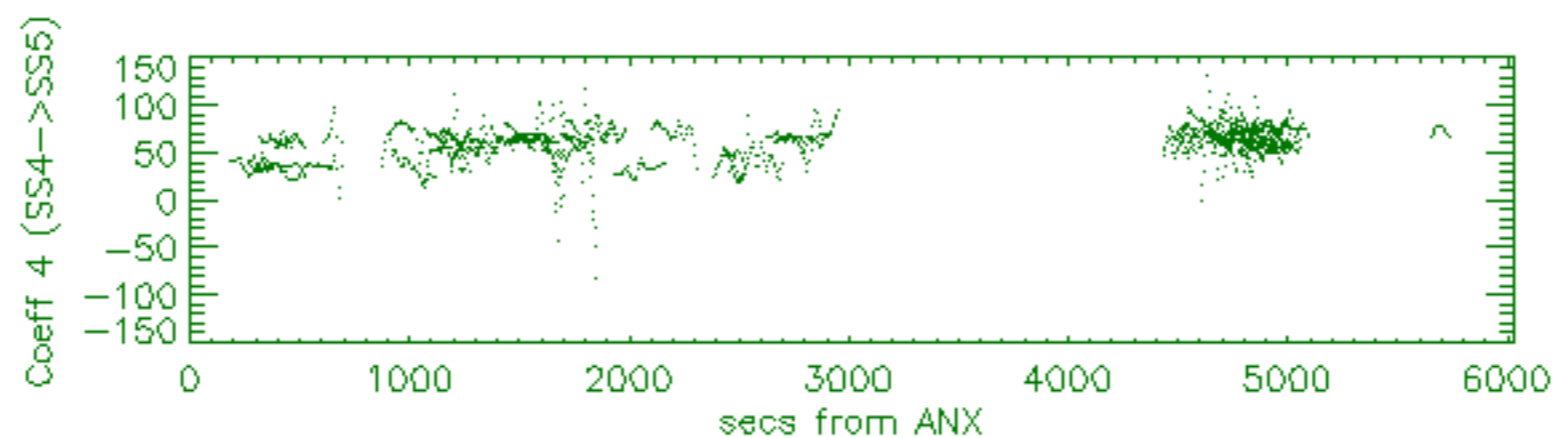
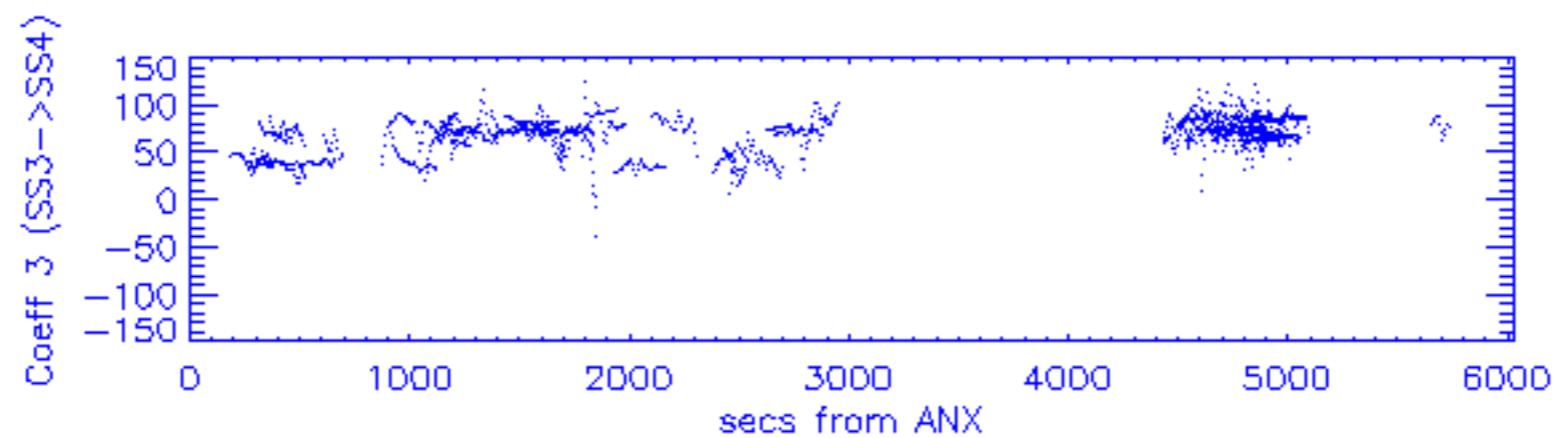
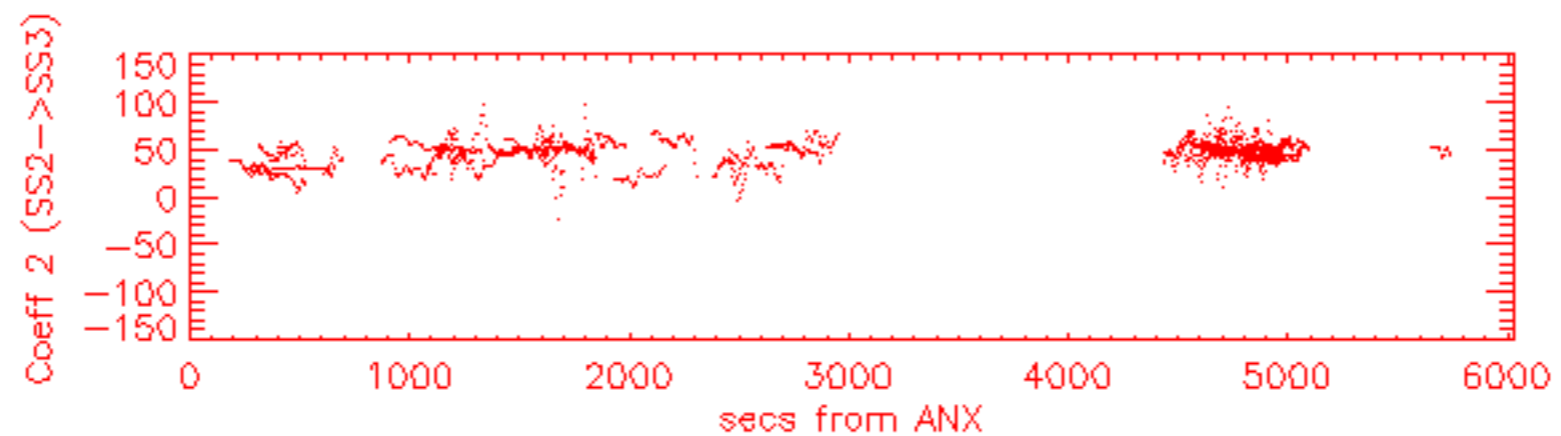
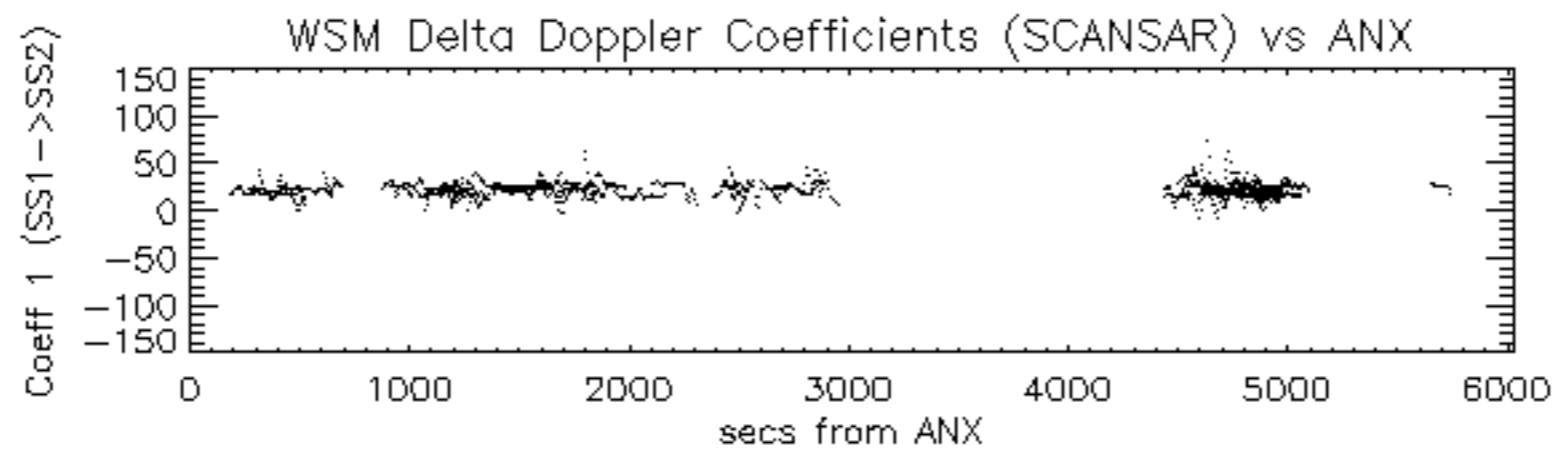


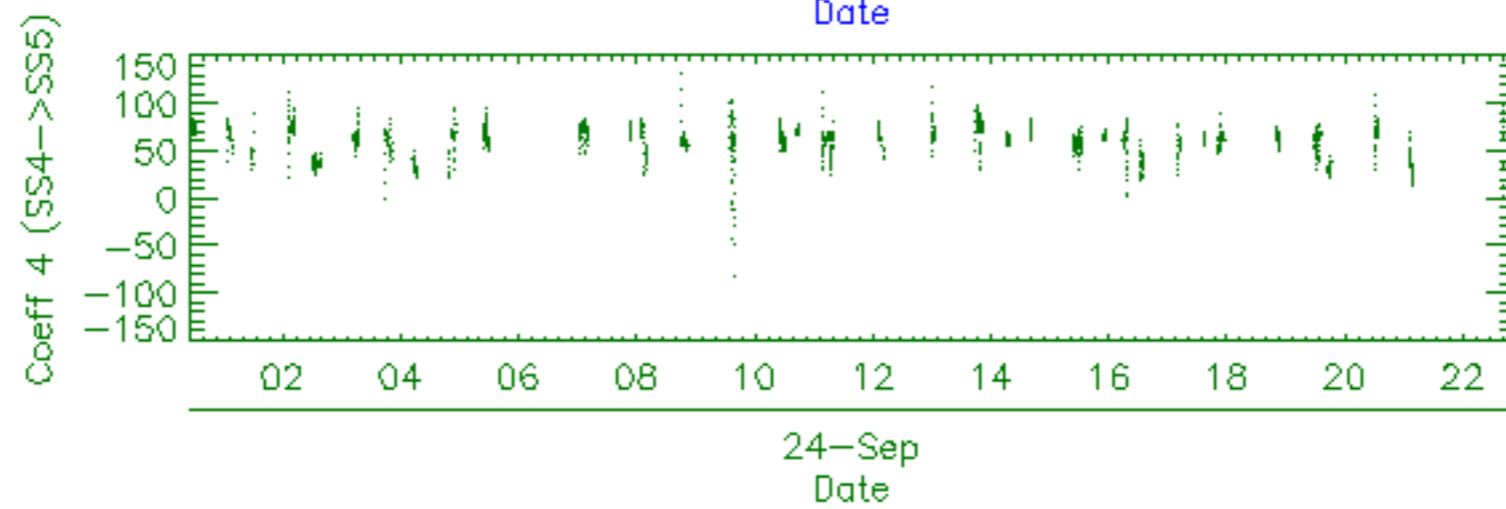
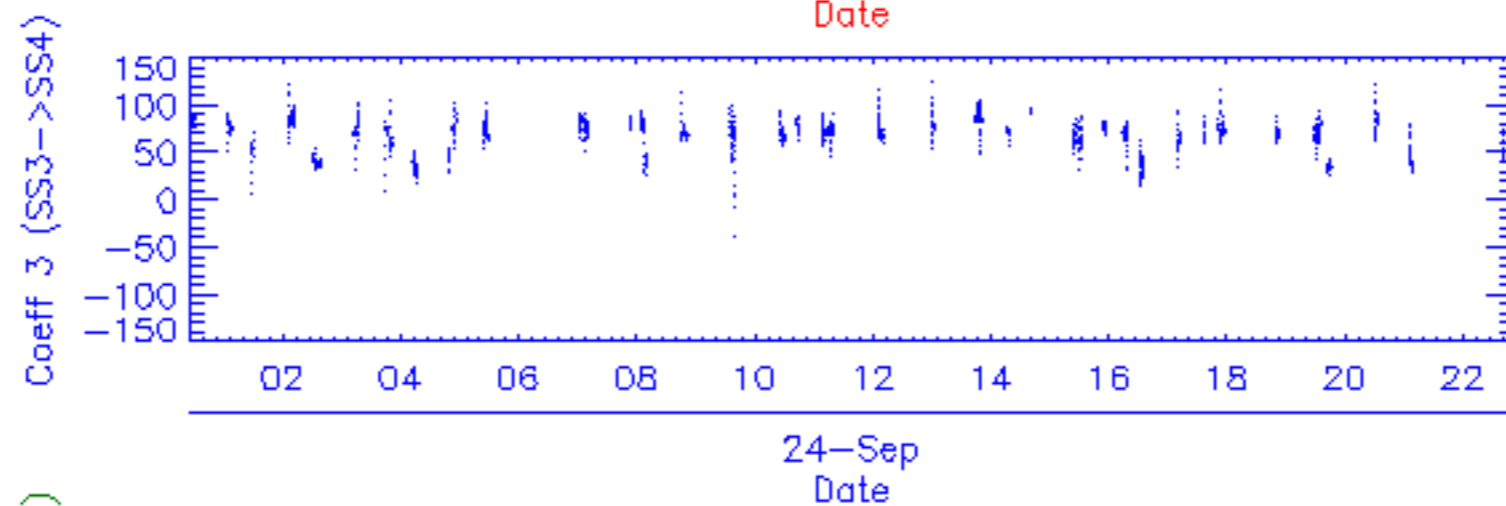
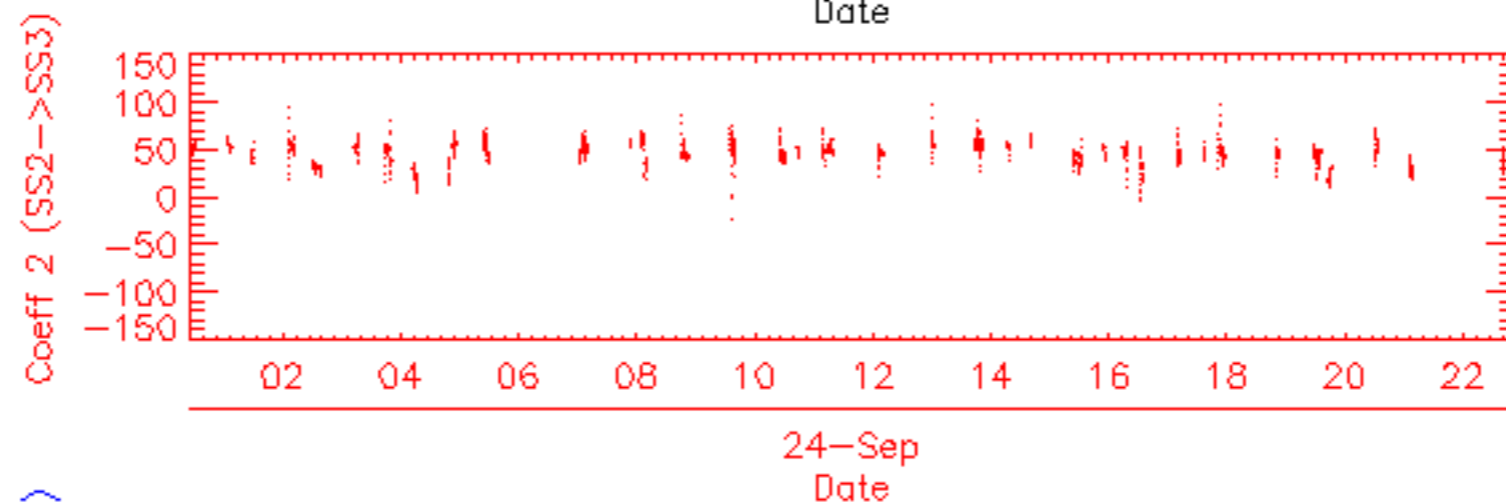
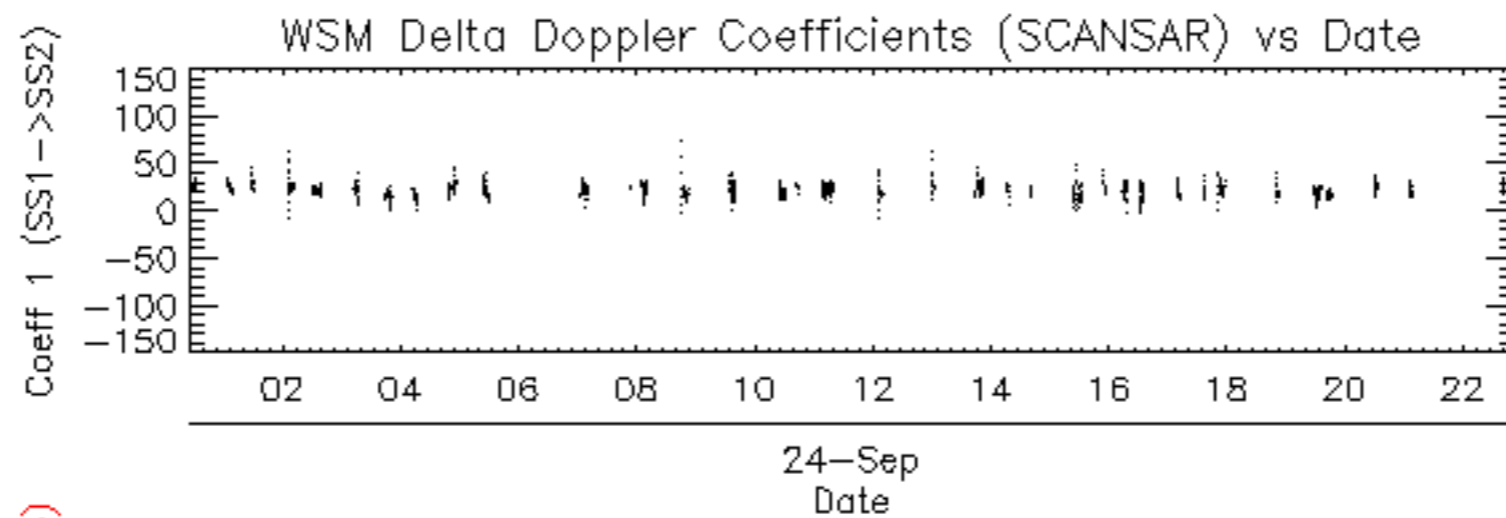




















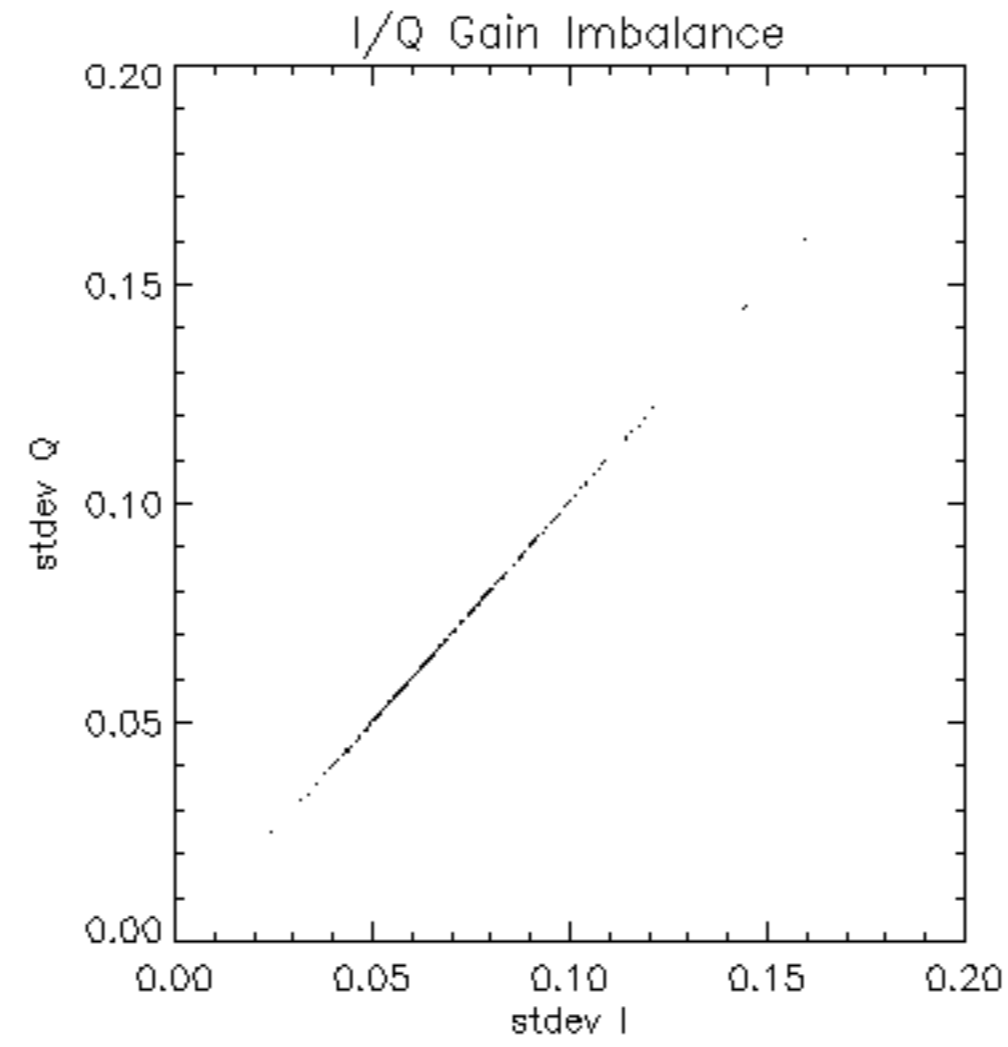


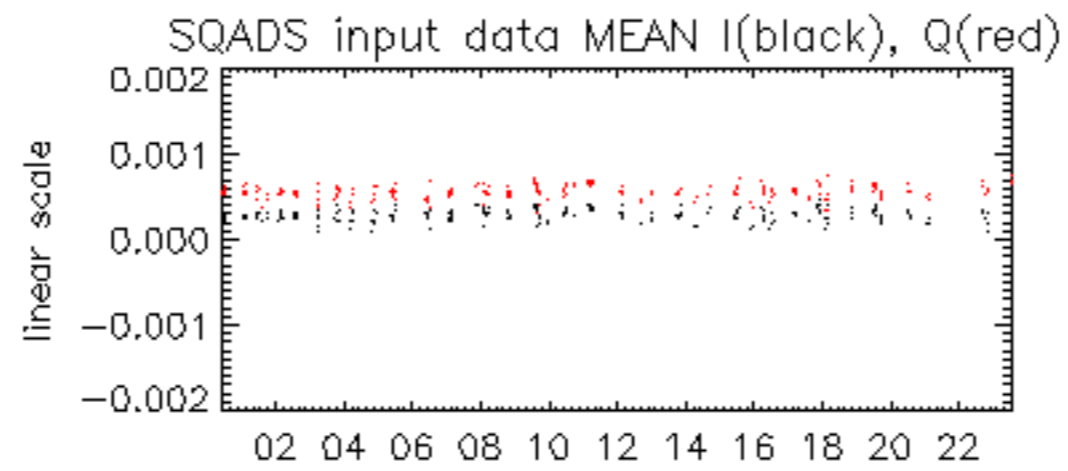




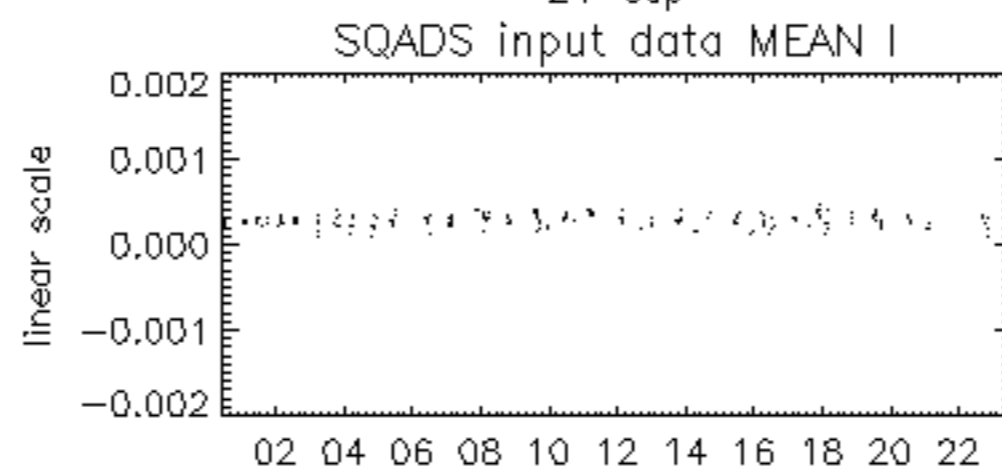




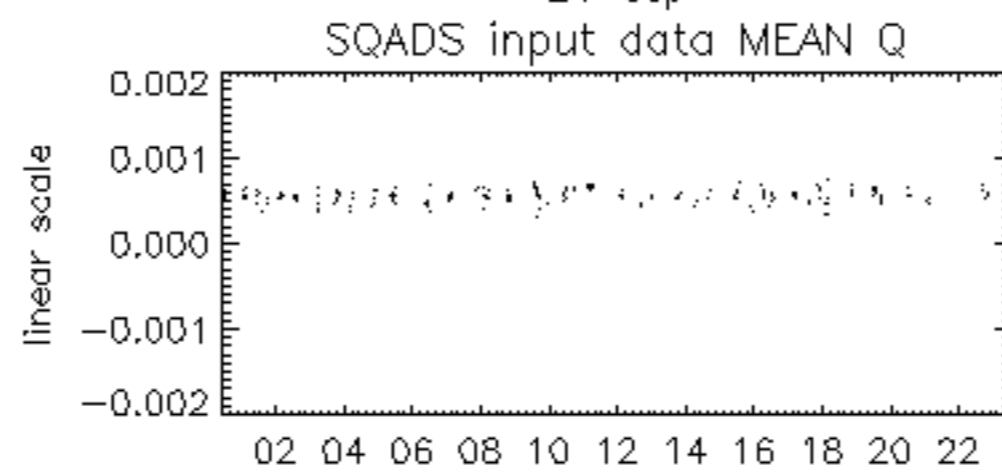




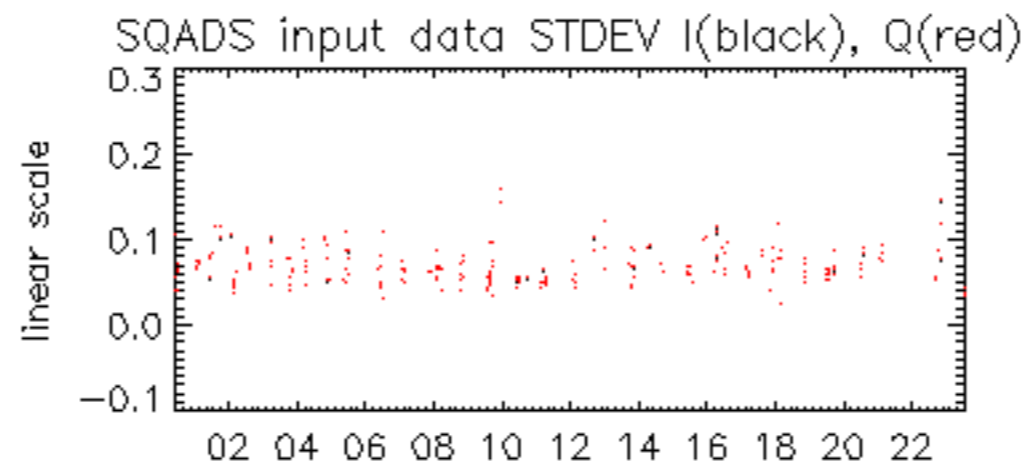
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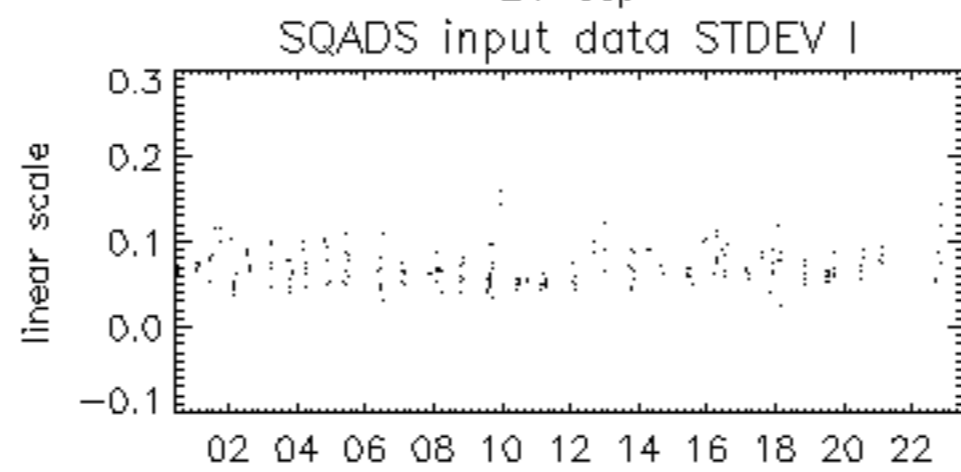
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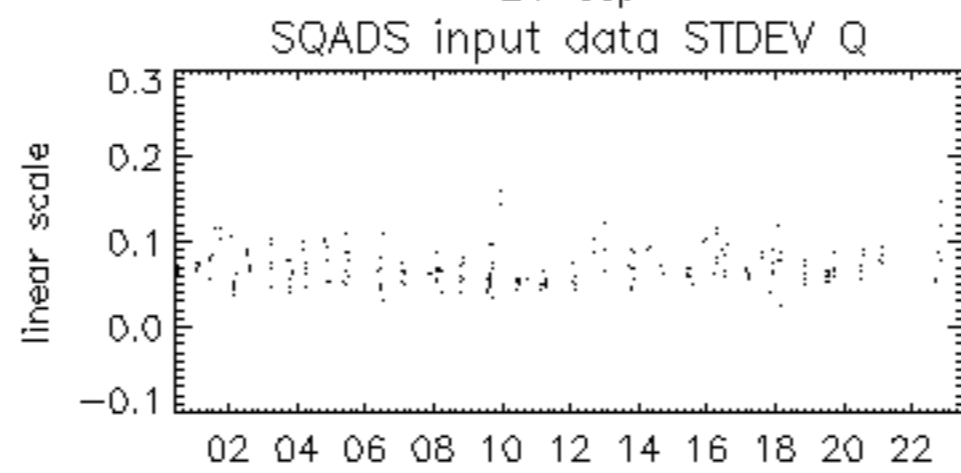
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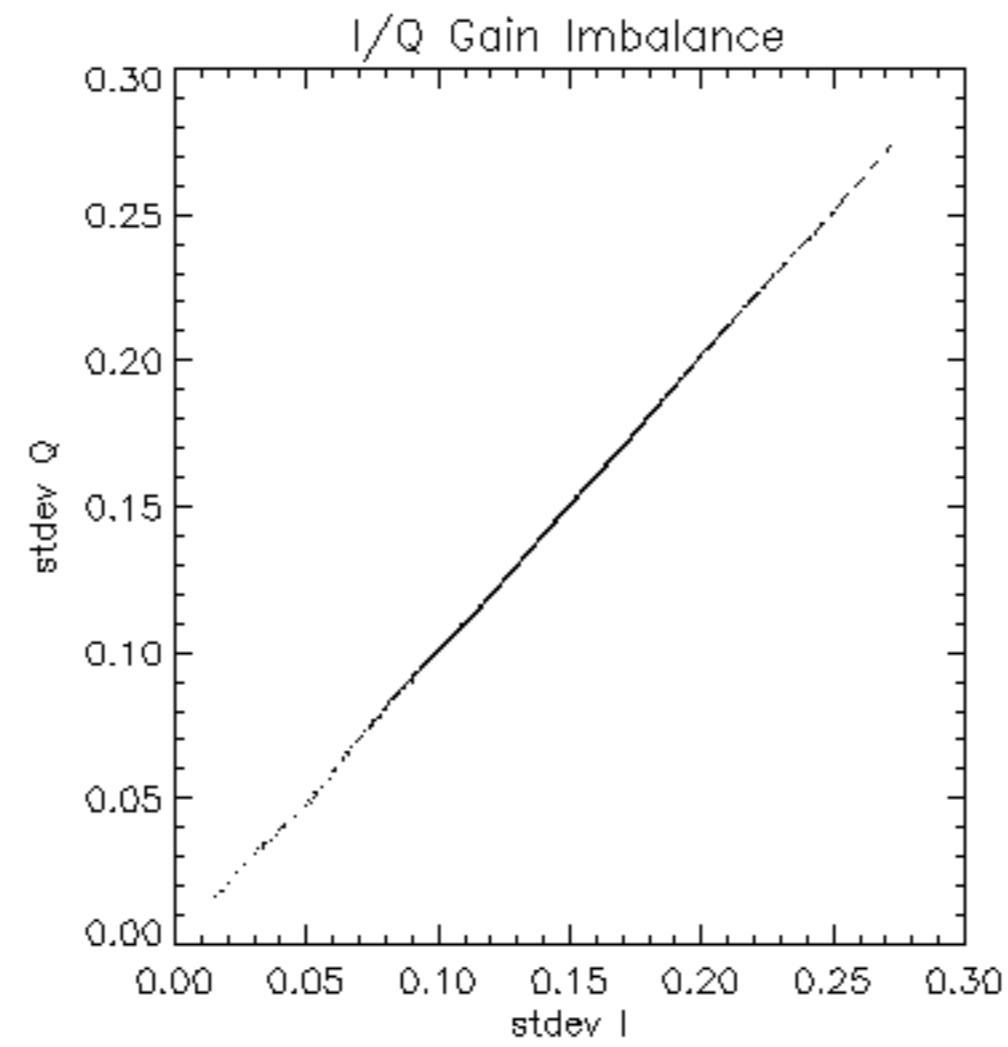
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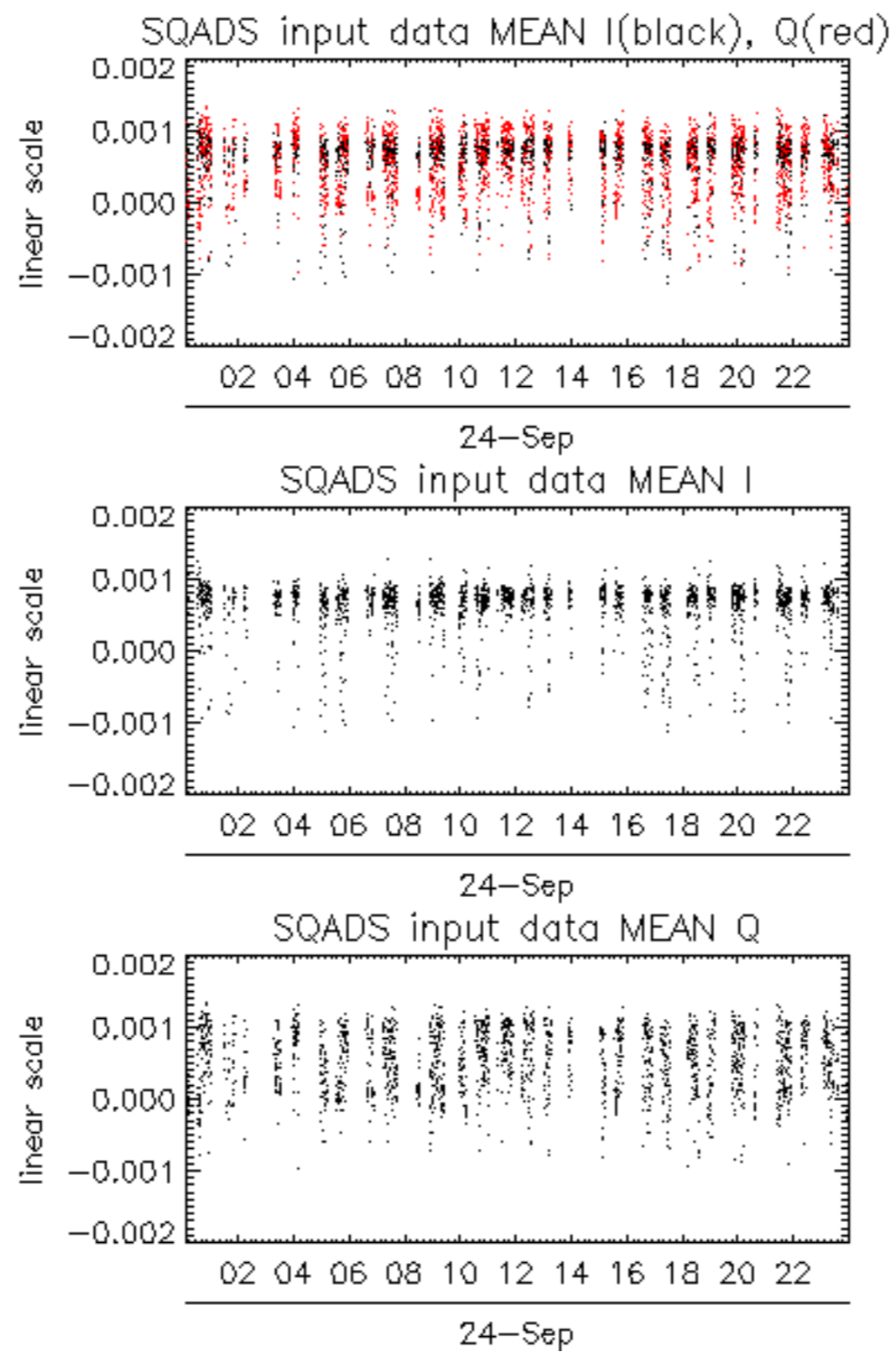
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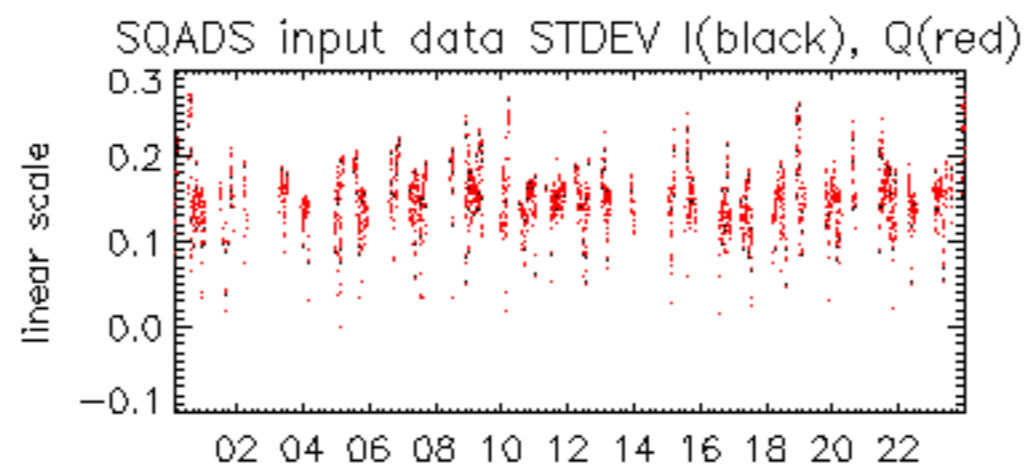


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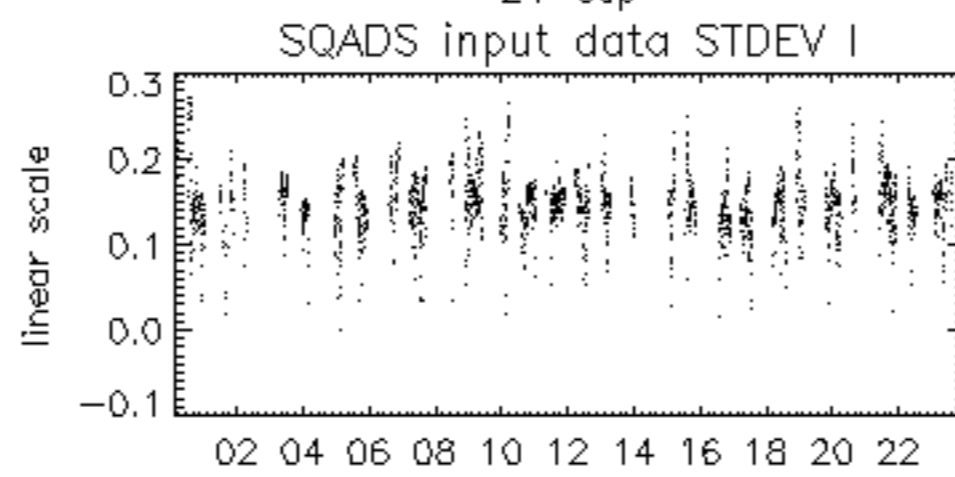




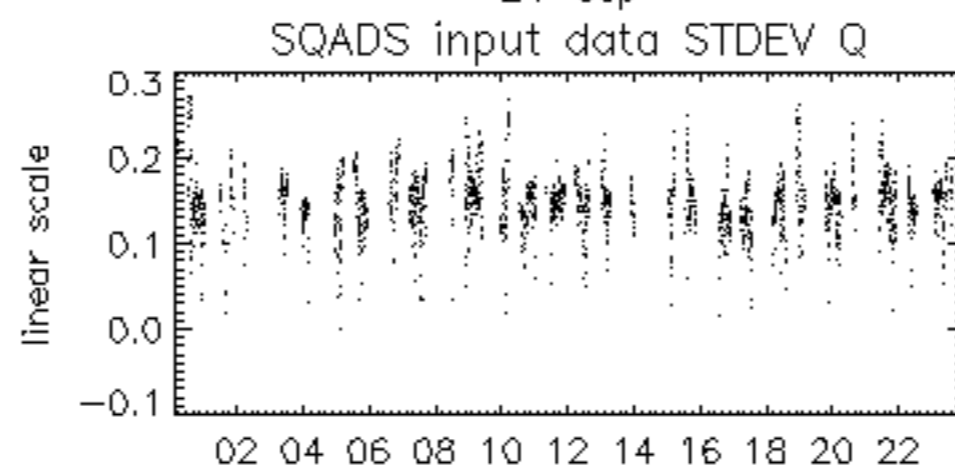




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