



# ASAR Daily Report



Analysis from 22-AUG-2007 00:00:00 to 22-AUG-2007 23:59:59. Page generated on 23-AUG-2007 07:47:55.  
View log file: ASAR\_Daily\_Report\_20070823\_0730.log. For any anomalies please contact msantuari@serco.it,mtranfaglia@serco.it.

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	4	PDE	WS	H/H	33	PDE	IS2	H/H	1	PDE	IS2	V/V	3	PDE	WS	H/H	13	PDK	2007-08-22 17:02:00	V	320
PDE	IS2	V/V	22	PDK	WS	H/H	45	PDE	IS7	H/H	1	PDE	IS6	V/V	1	PDE	WS	V/V	1				
PDK	IS2	V/V	21					PDK	IS3	H/H	1	PDK	IS2	H/H	2	PDK	WS	H/H	9				
								PDK	IS4	H/H	1	PDK	IS2	V/V	4	PDK	WS	V/V	5				
												PDK	IS5	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_AXVIEC20070410_140202_20070204_165113_20071231_000000
ASA_INS_AXVIEC20070306_164819_20070307_060000_20071231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20070517_153558_20070204_165113_20071231_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](#)

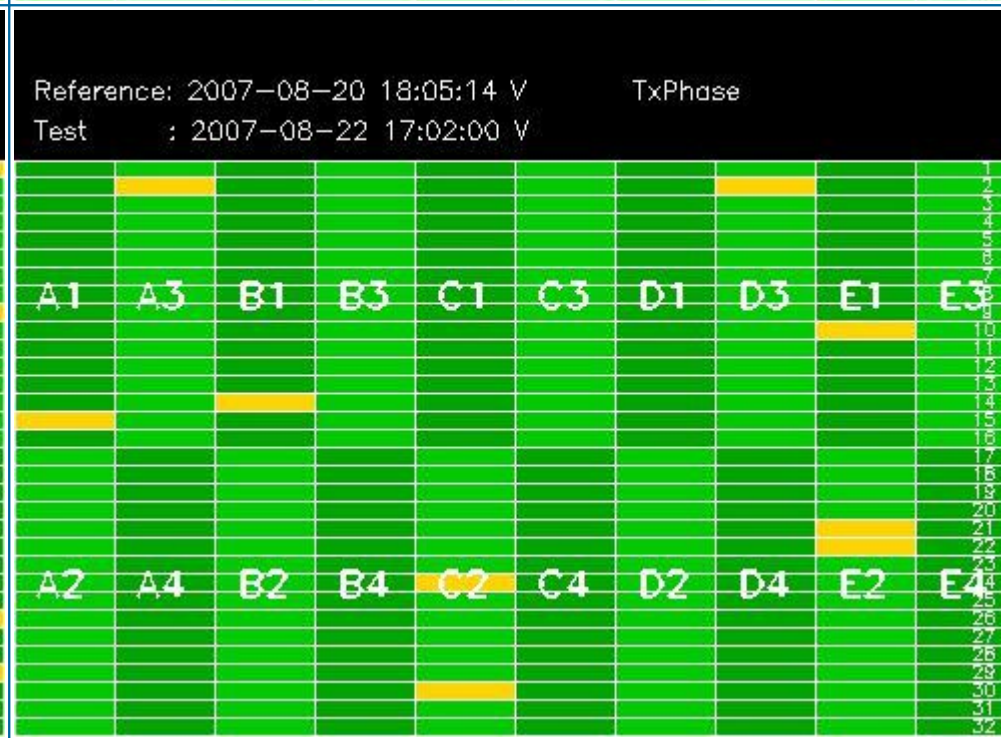
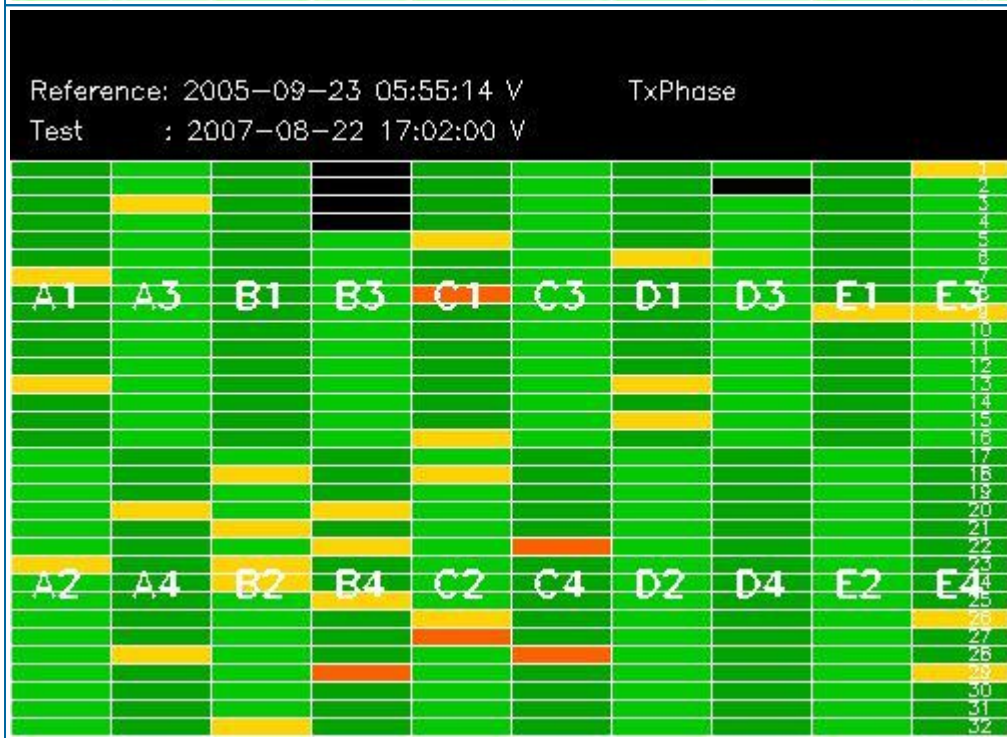
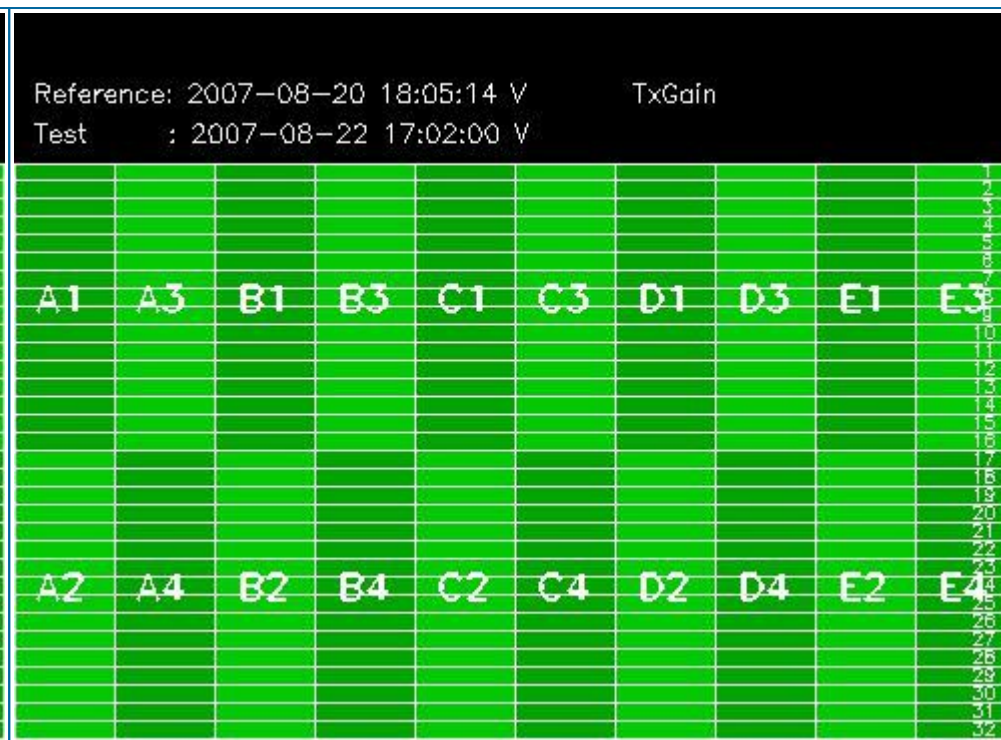
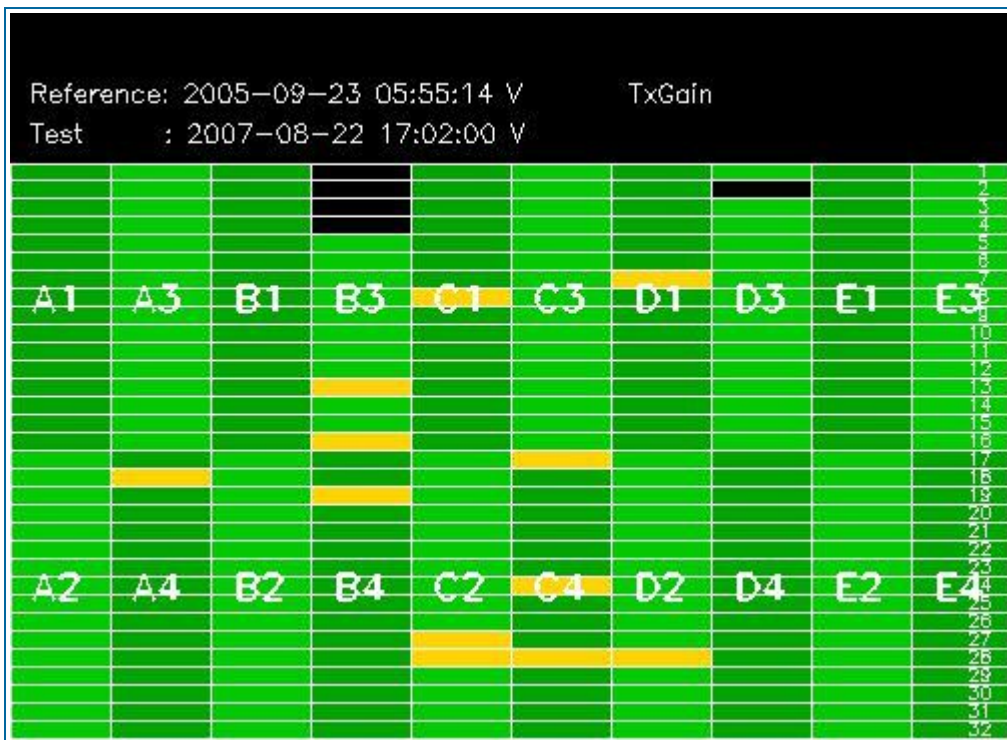
[TXT] [XLS] [Check\\_ADFs\\_IMM](#)

[TXT] [XLS] [Check\\_ADFs\\_WSM](#)

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

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

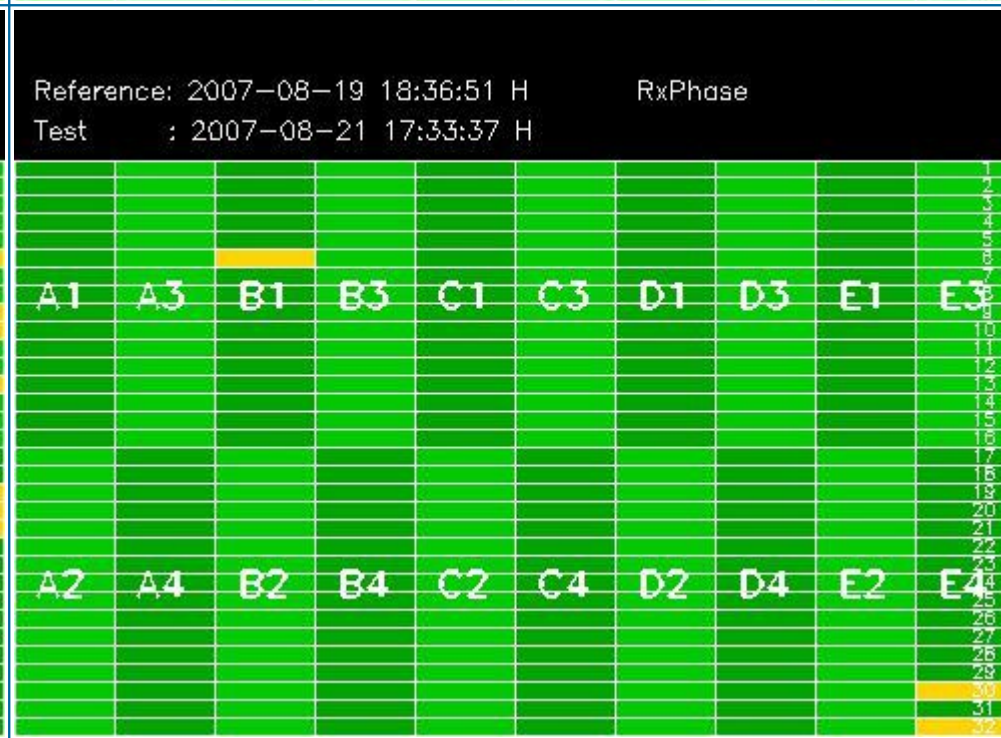
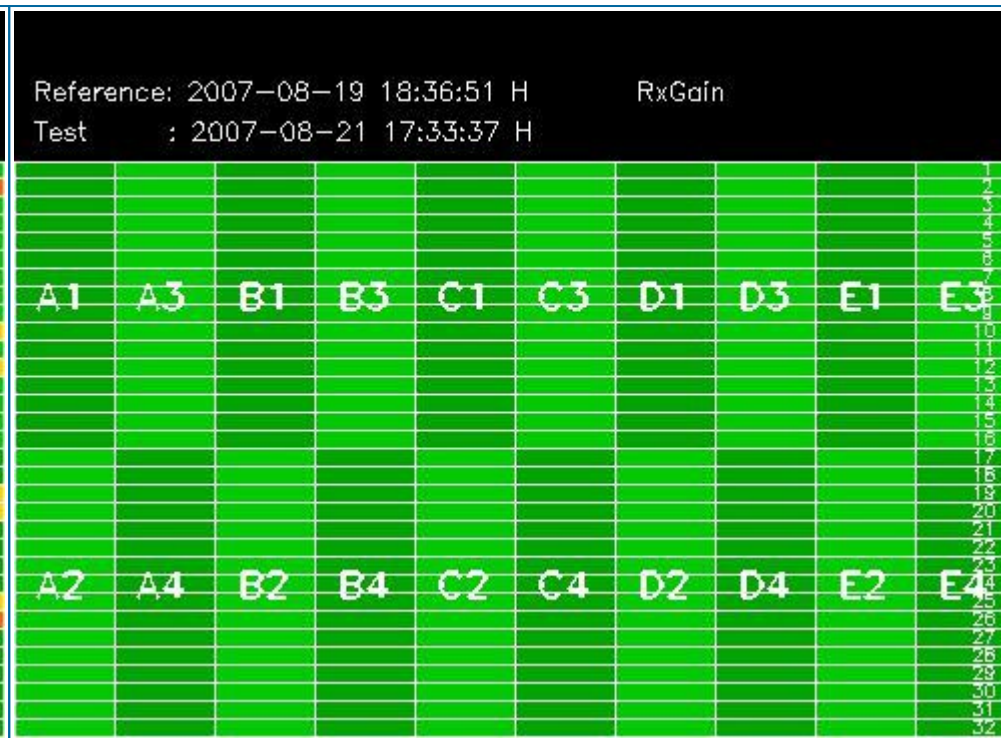


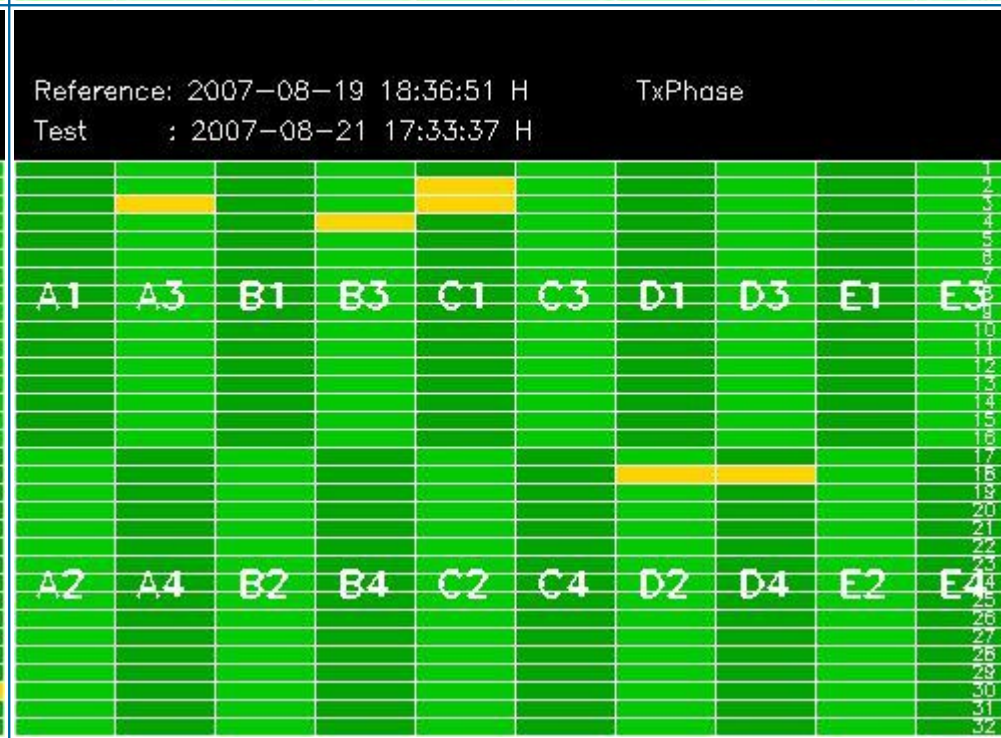
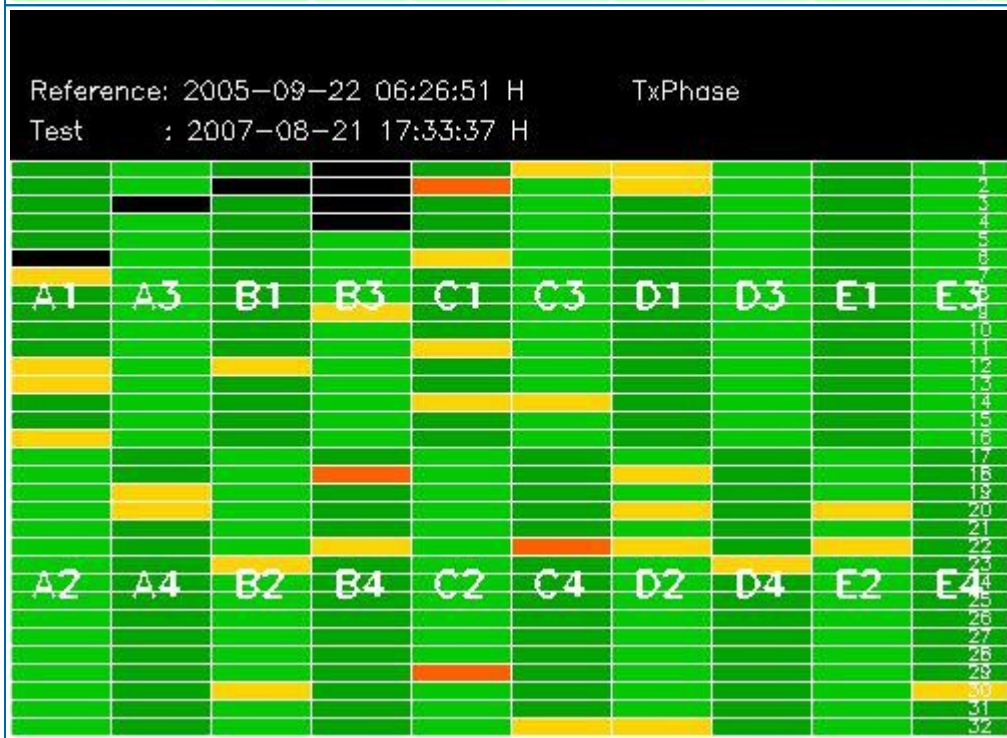
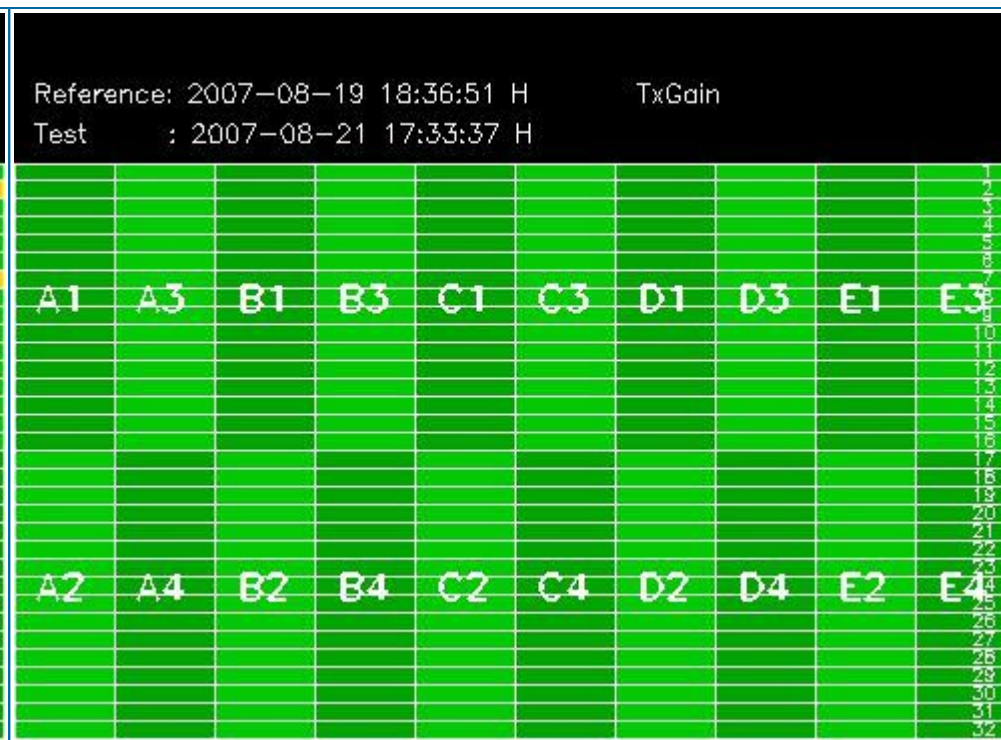
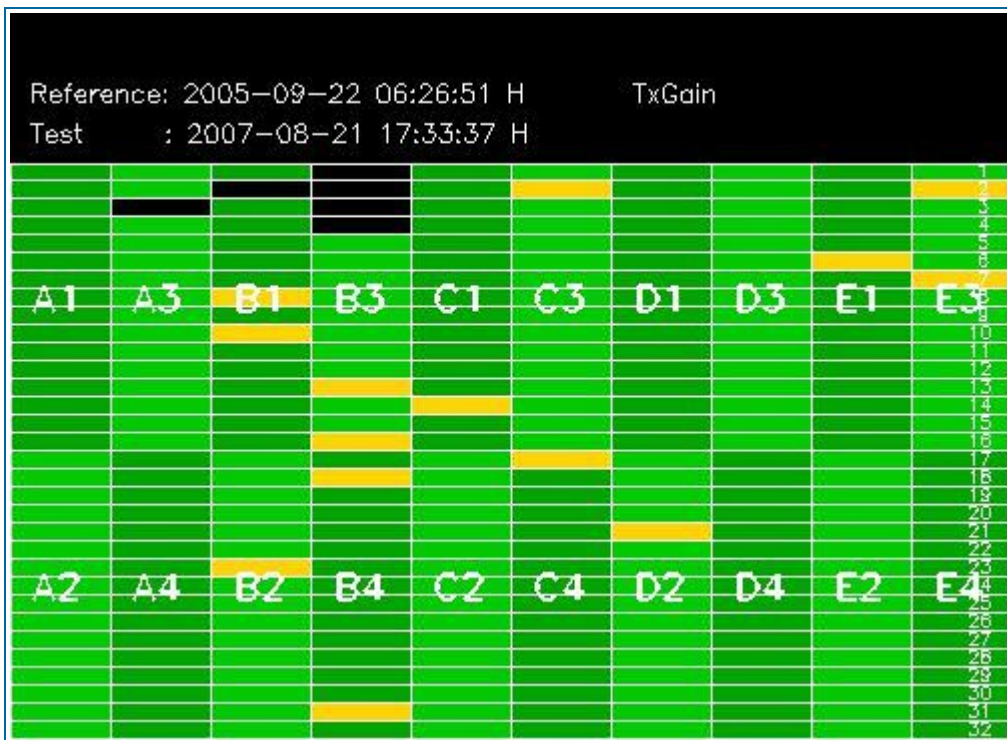


### 3.2 - H/H polarisation

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





## 4 - CALIBRATION PULSES ANALYSIS

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

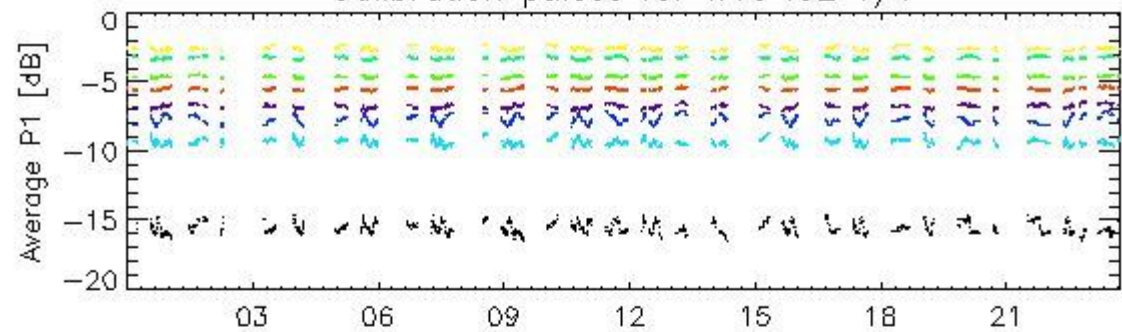
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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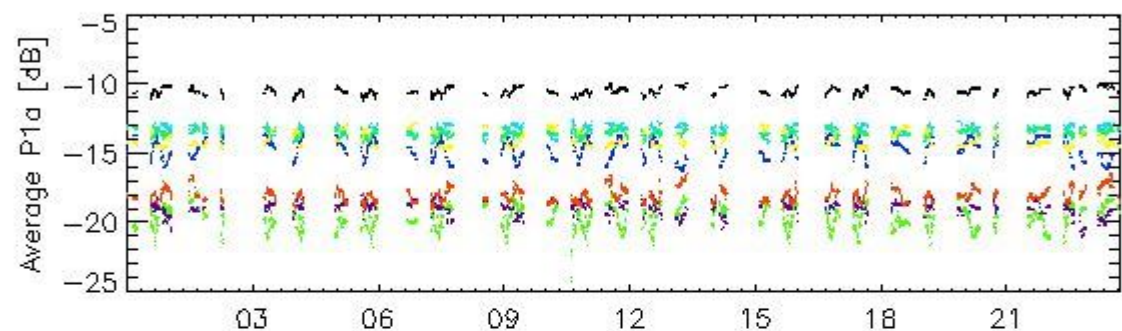
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

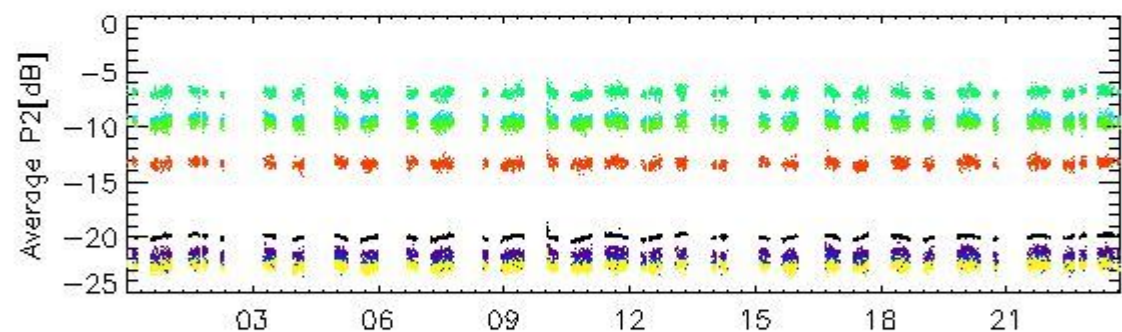
Calibration pulses for WVS IS2 V/V



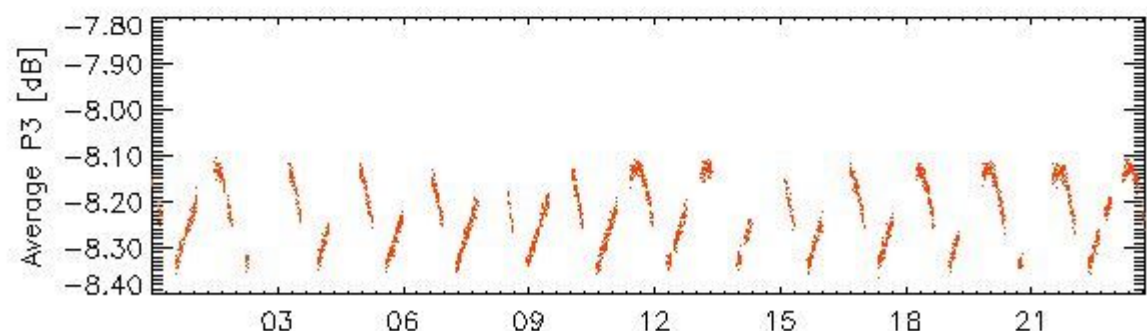
22-Aug



22-Aug



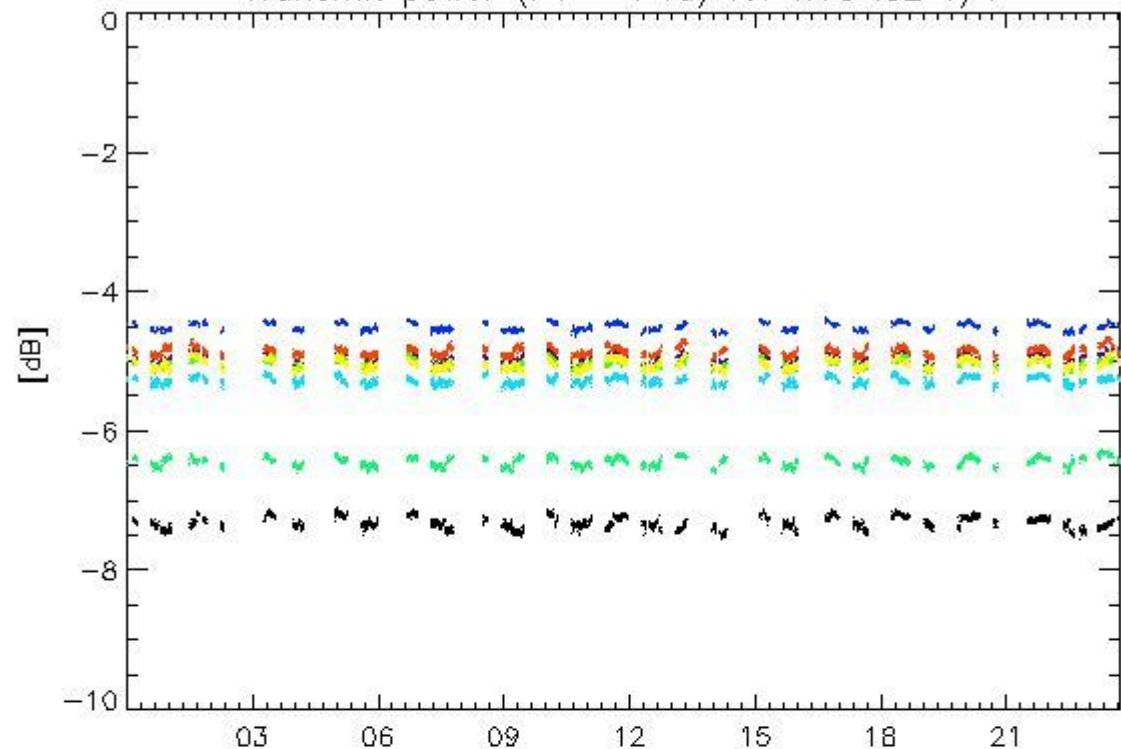
22-Aug



22-Aug

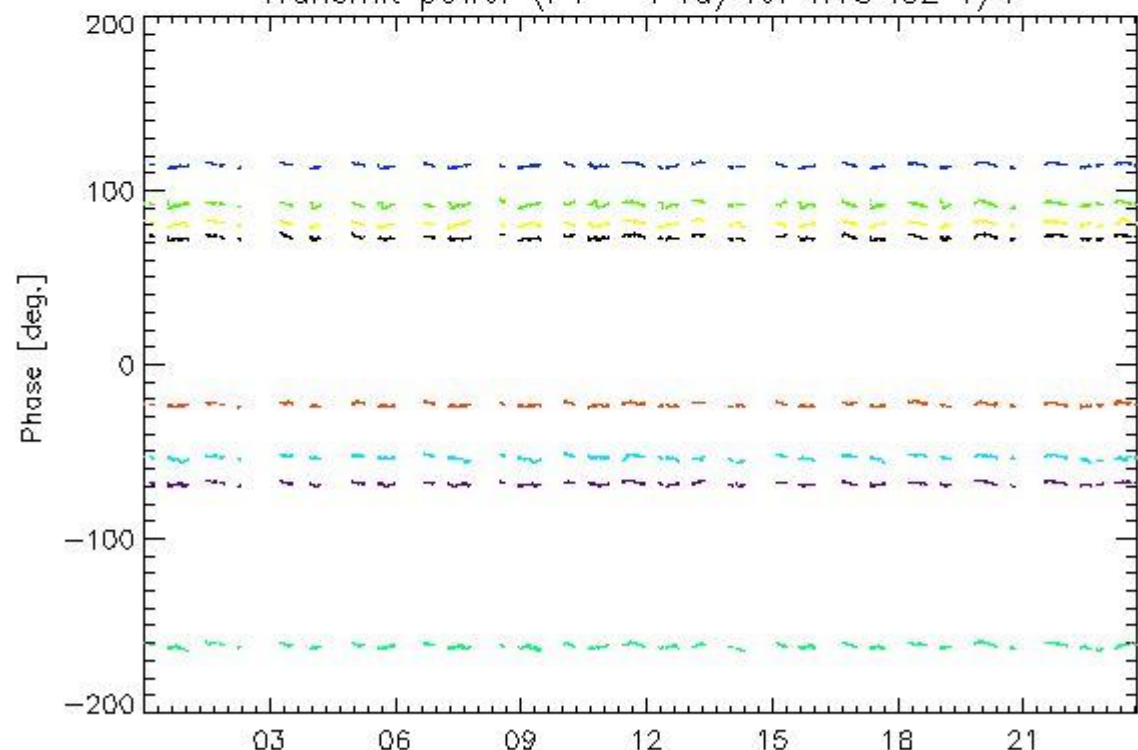
rows: \_ 1 \_ 5 \_ 9 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29

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



22-Aug

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



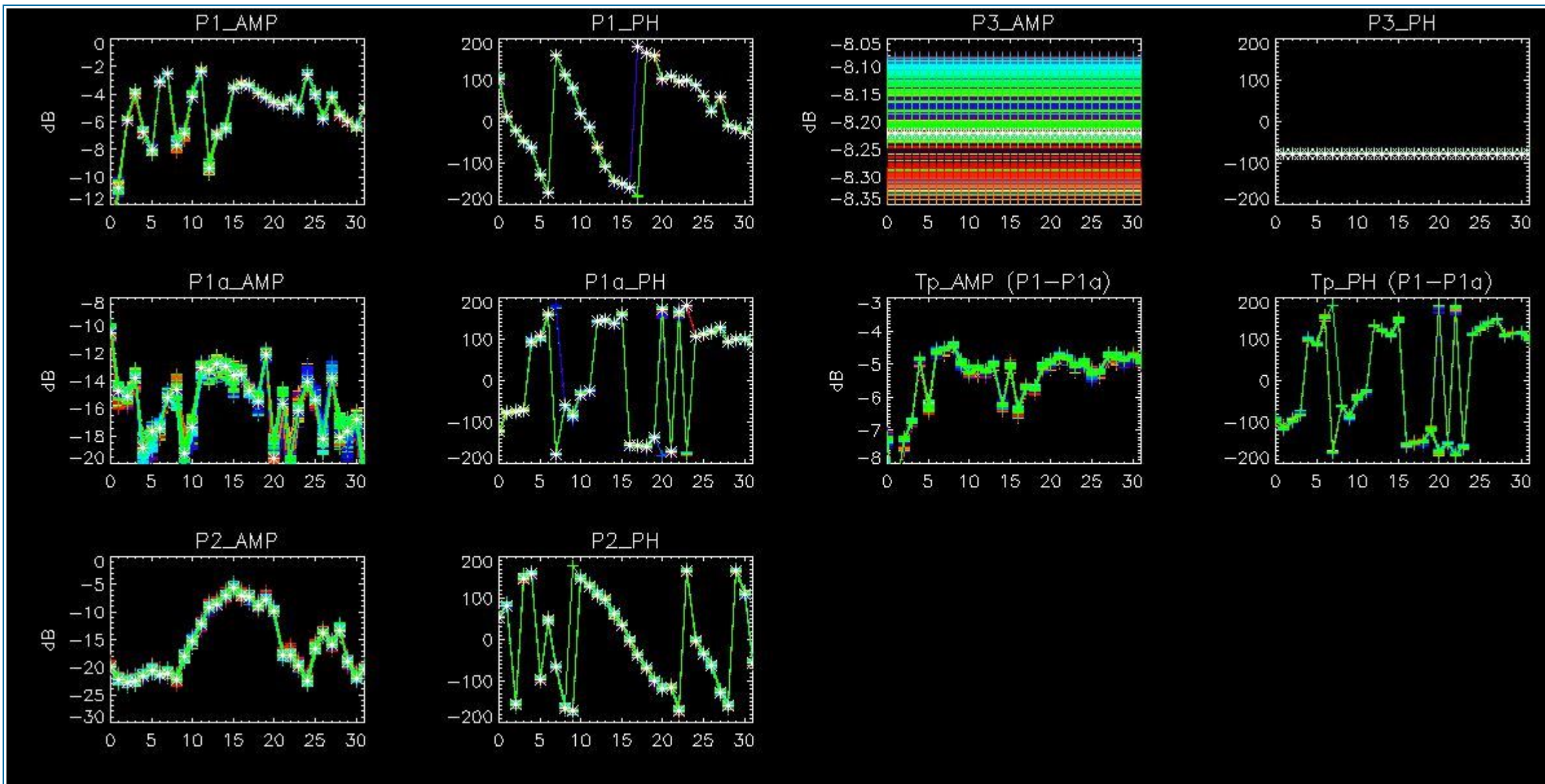
22-Aug

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

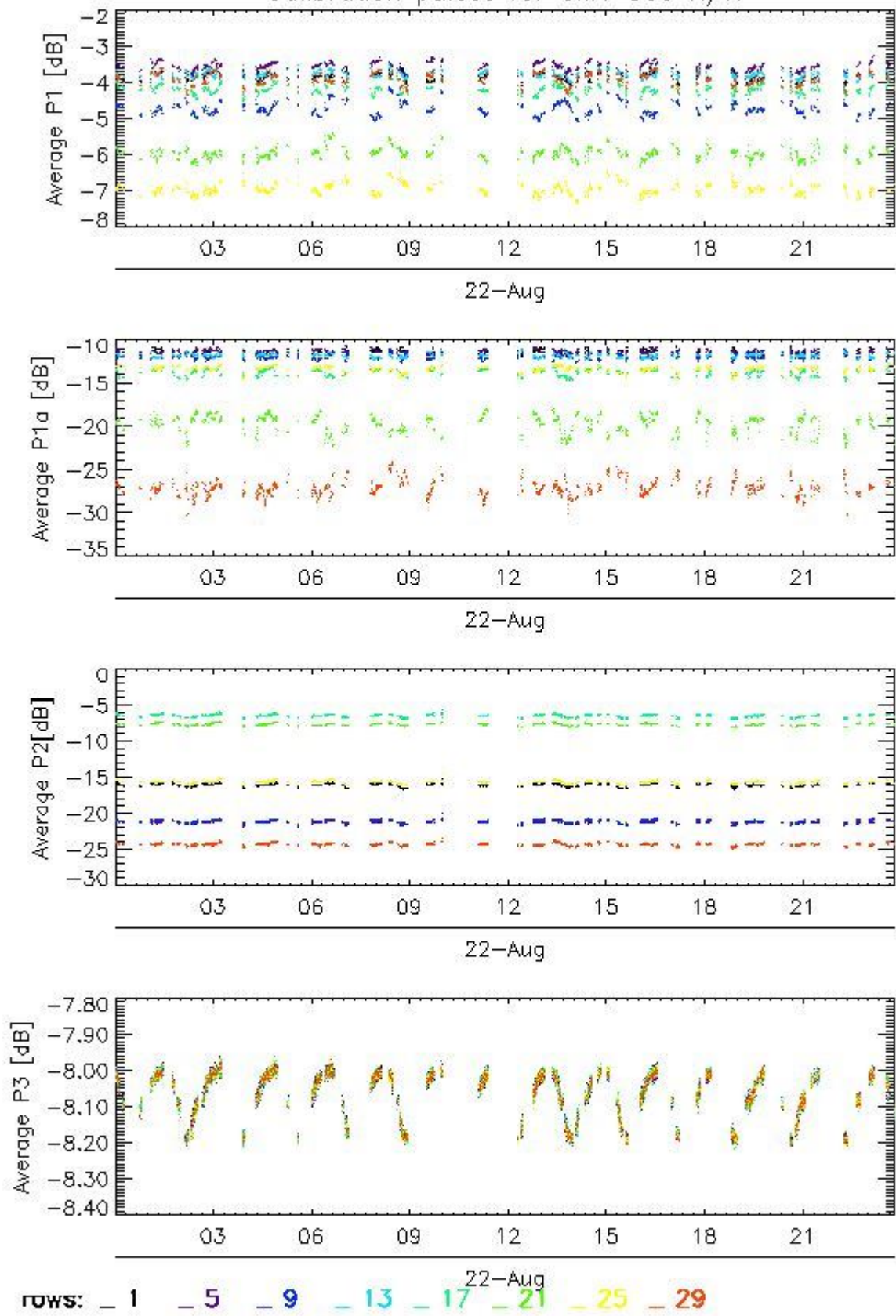
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

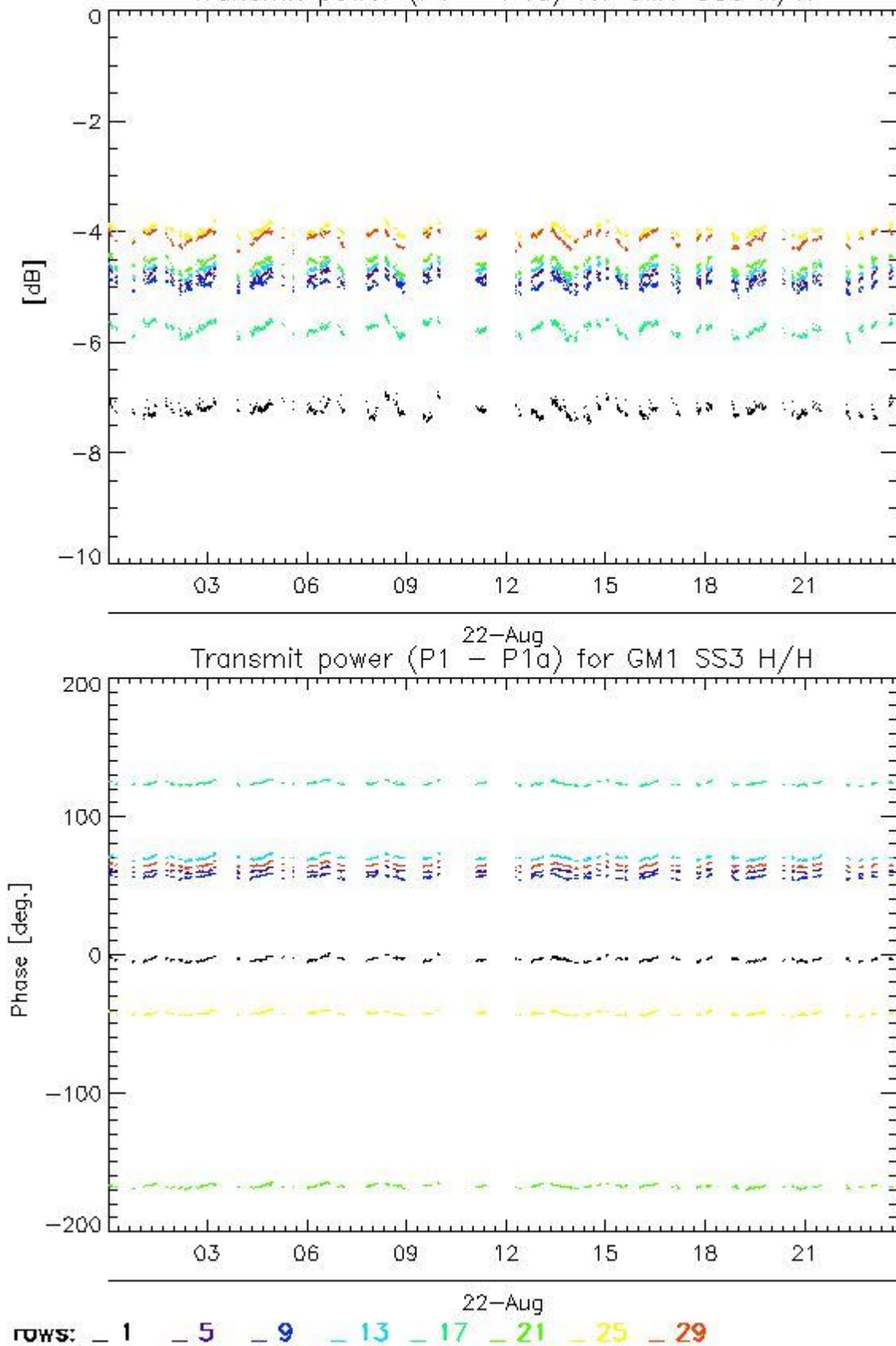
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



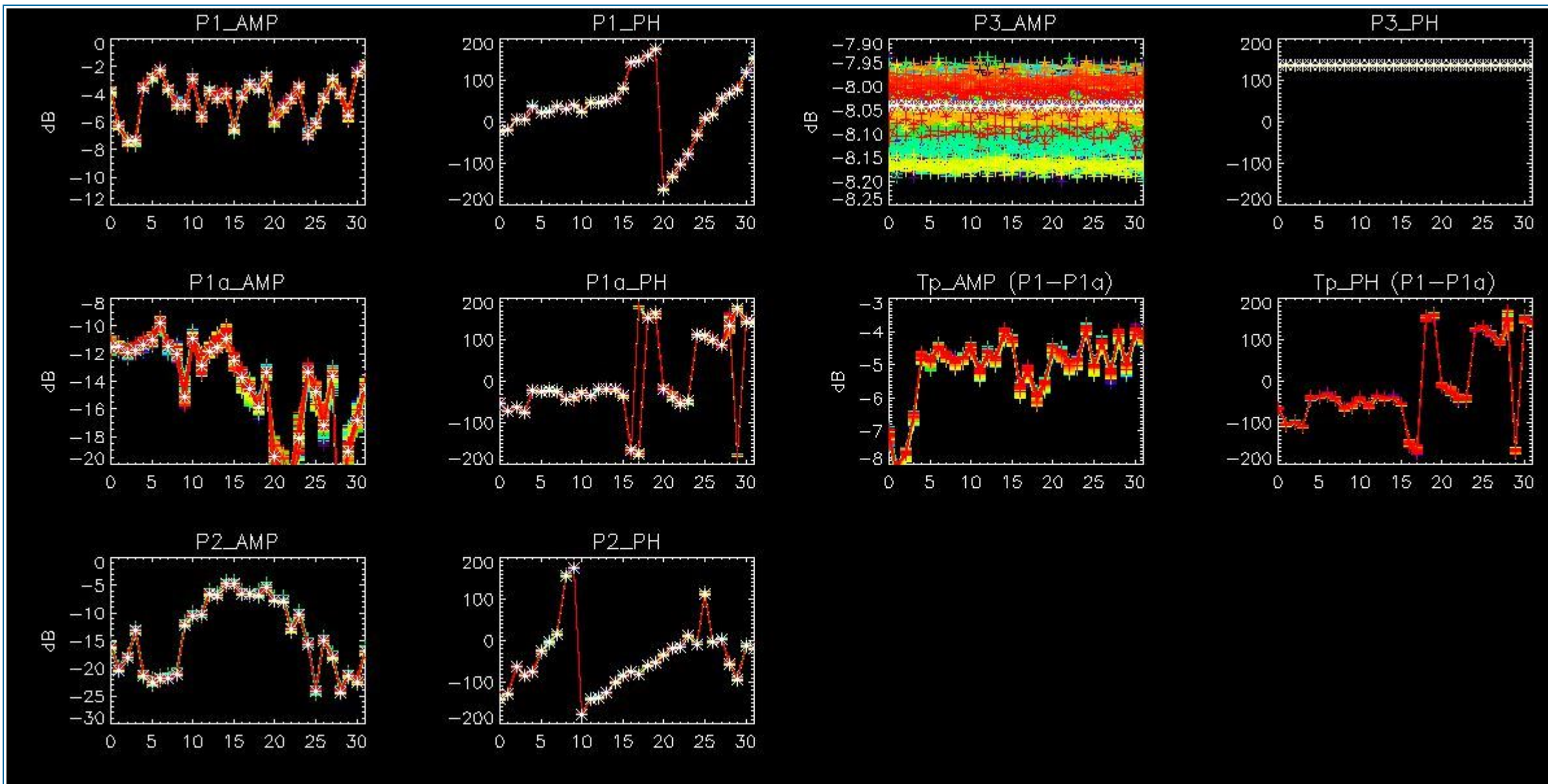
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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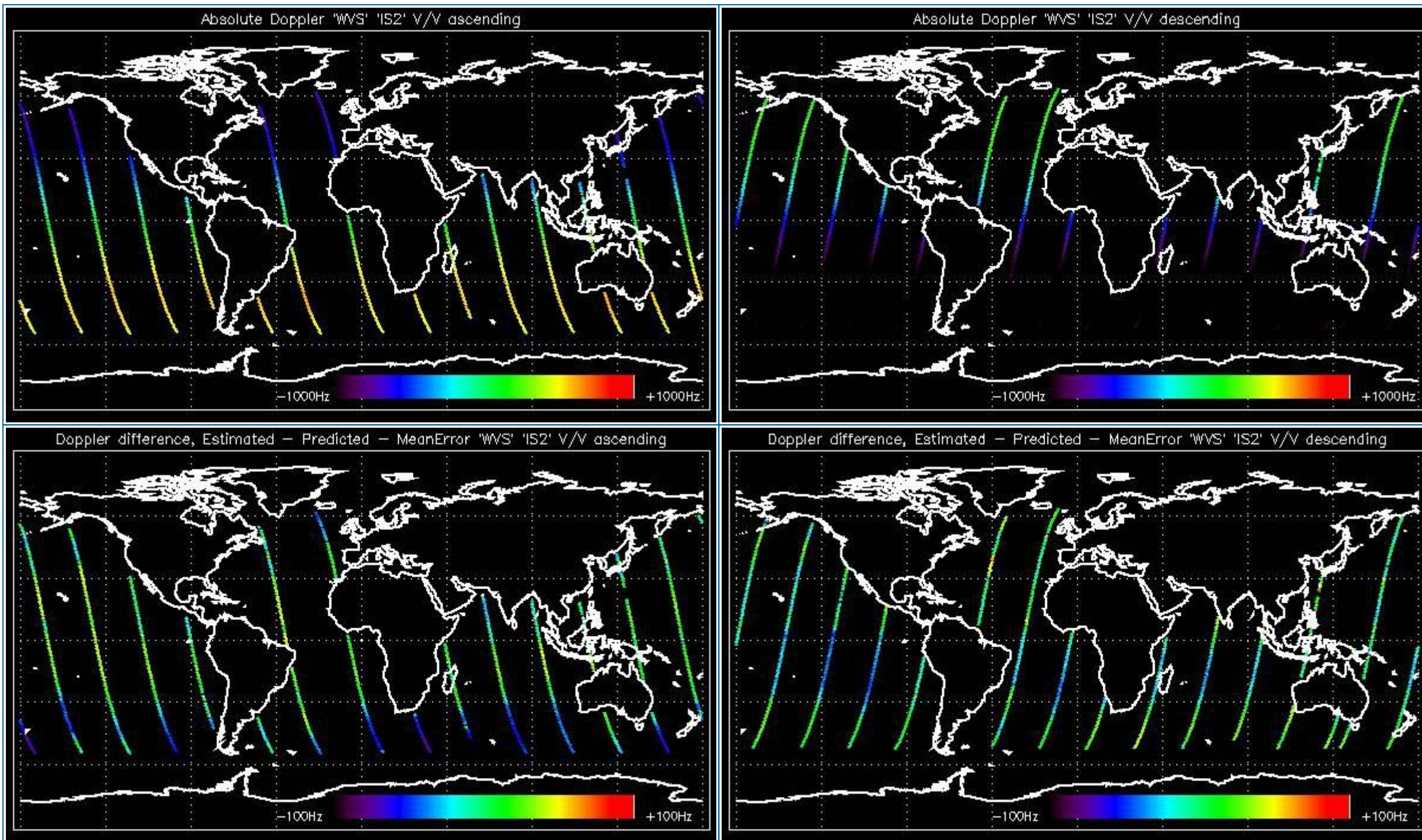
## 5 - DOPPLER ANALYSIS

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

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

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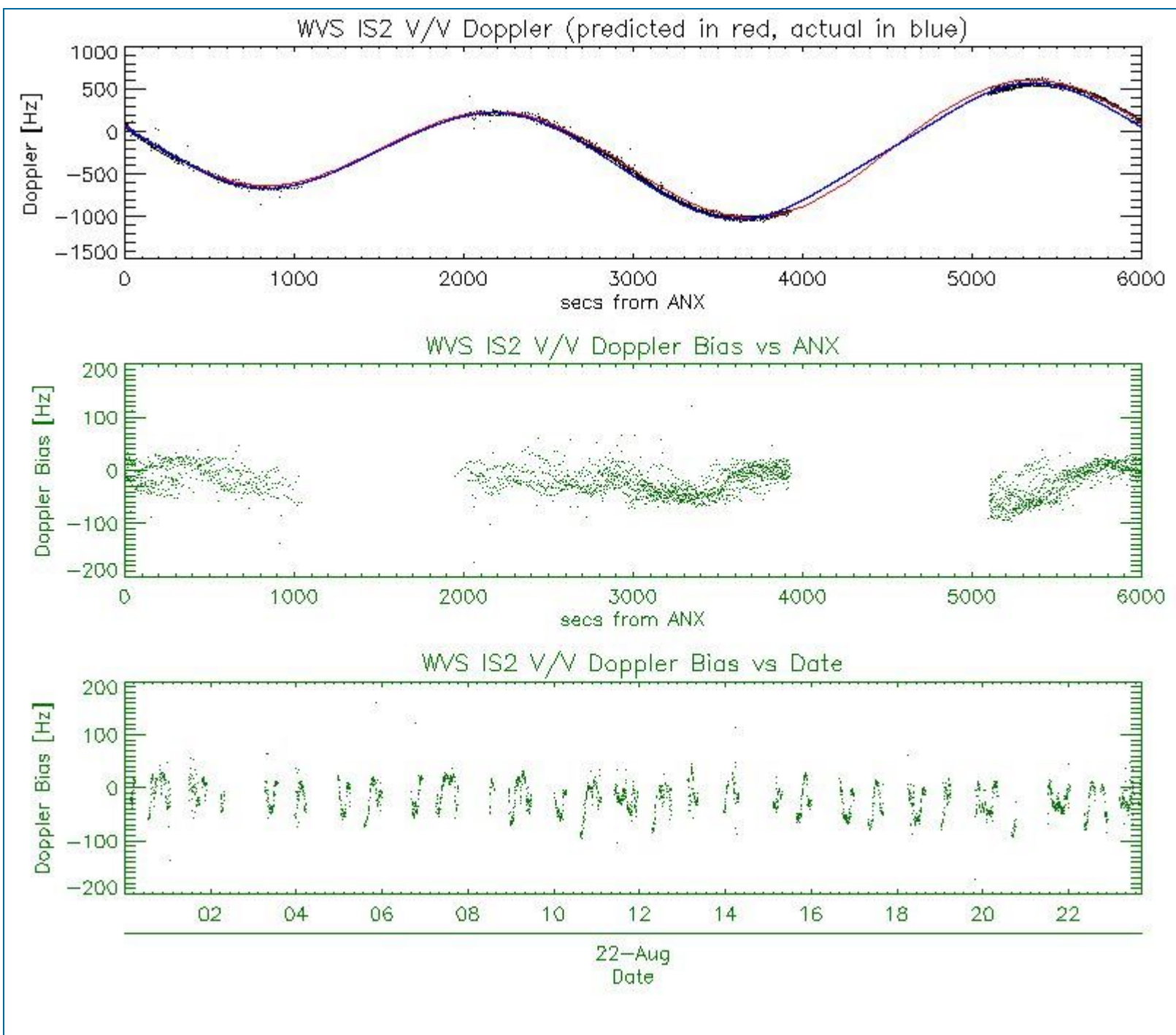




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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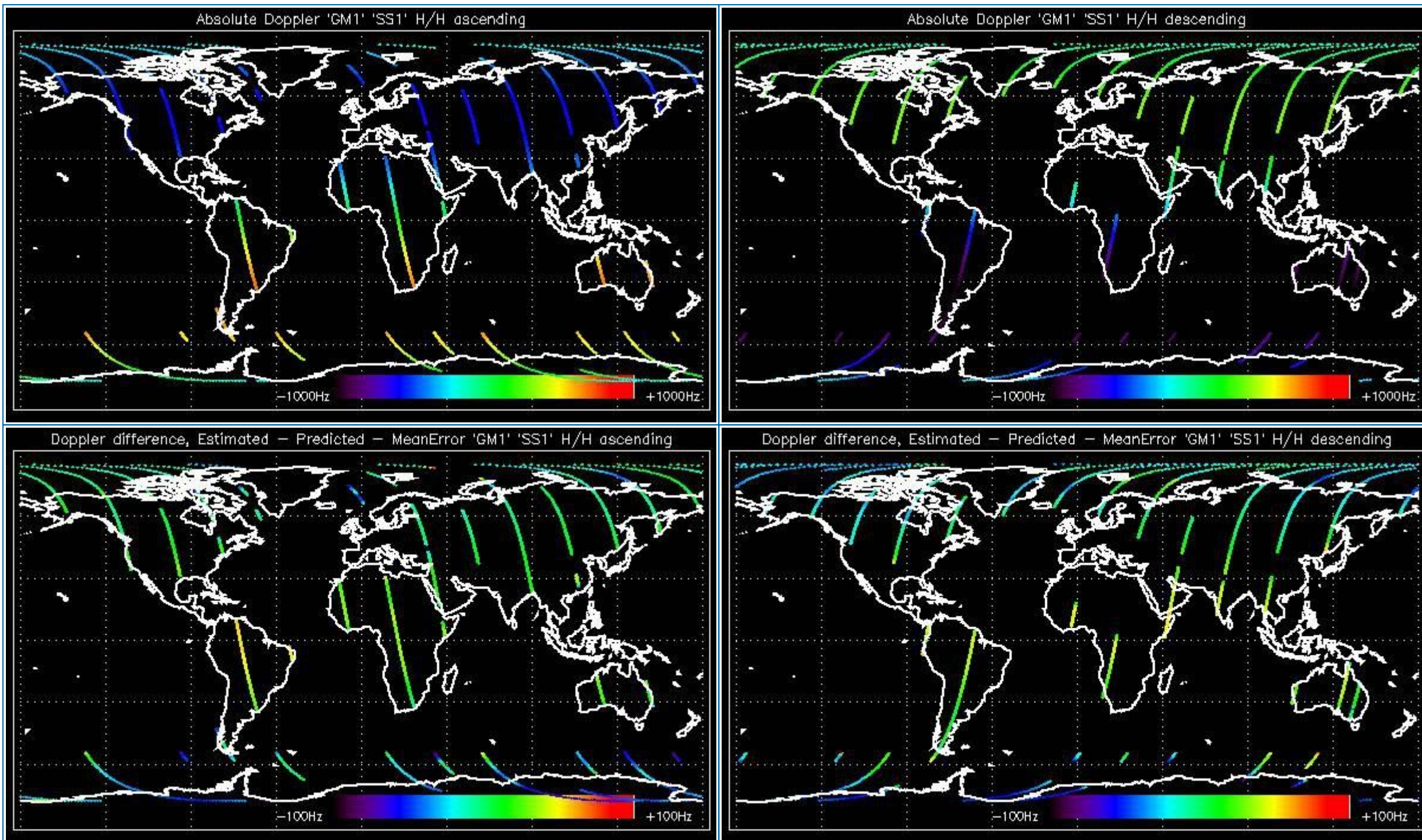


## 5.2 - Analysis for GM1 SS1 H/H

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

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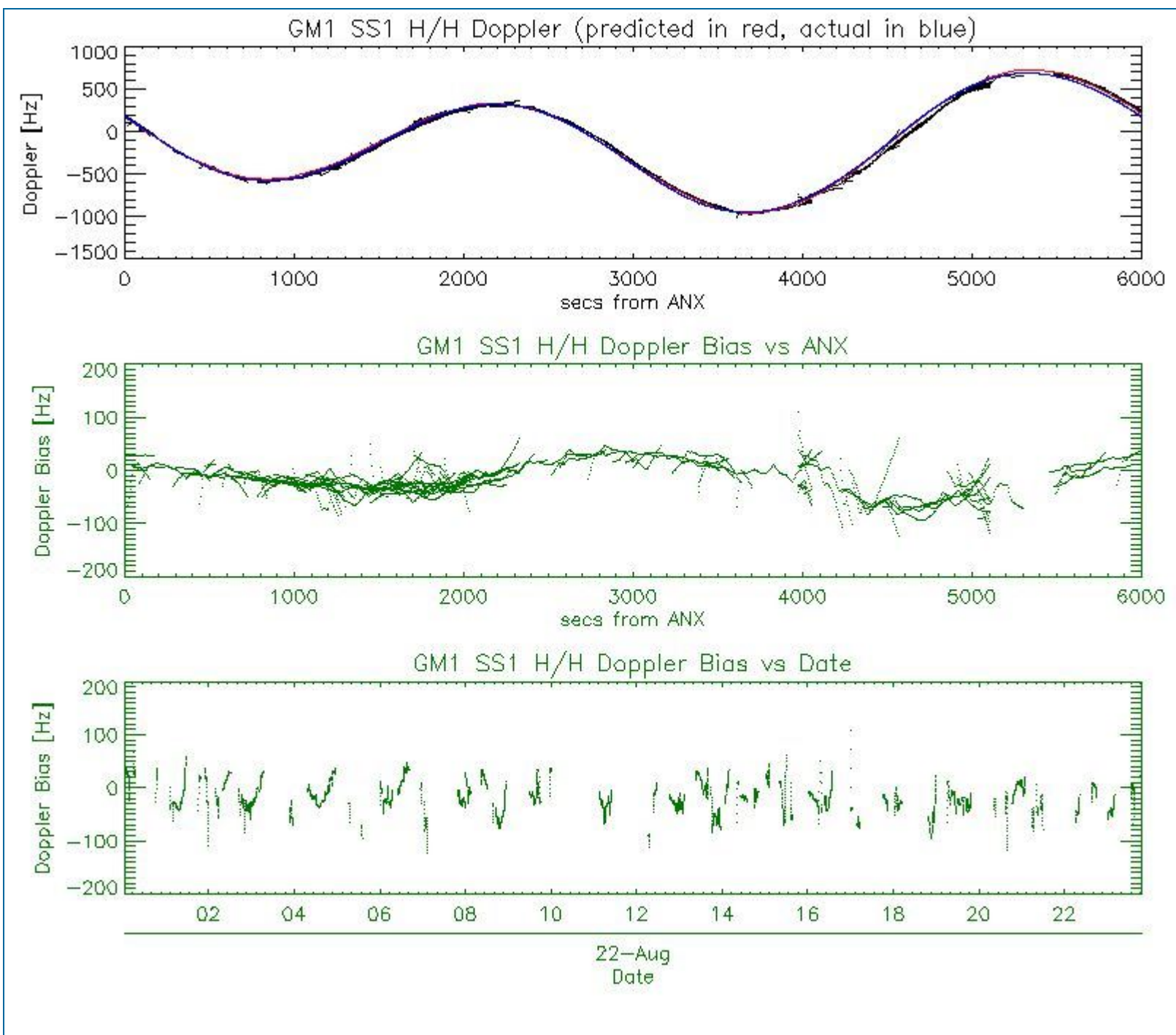




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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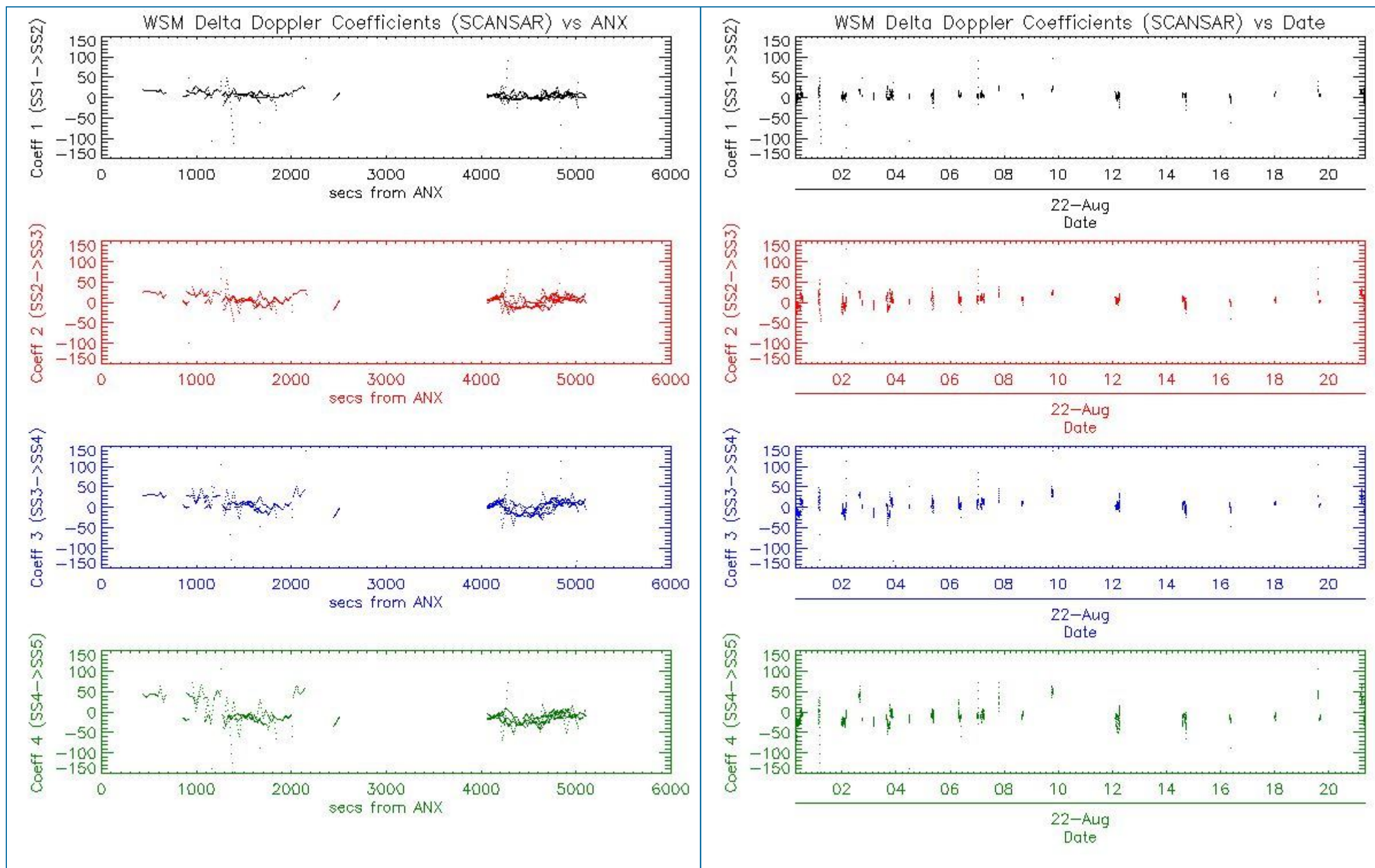




### 5.3 - Doppler JUMPS Analysis for WSM

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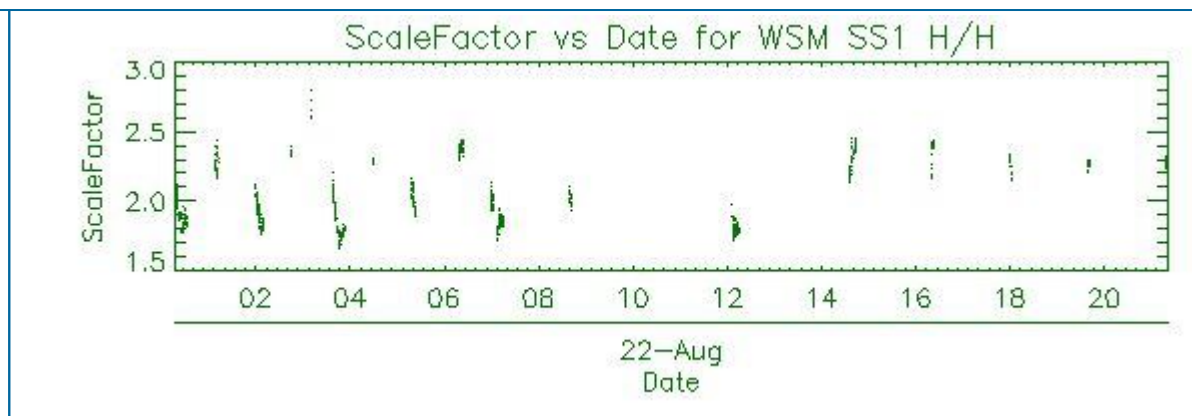
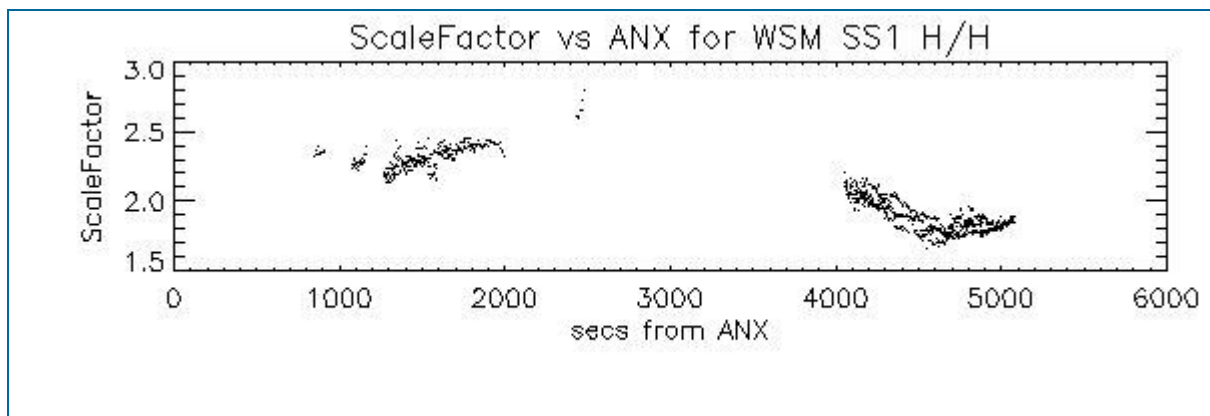
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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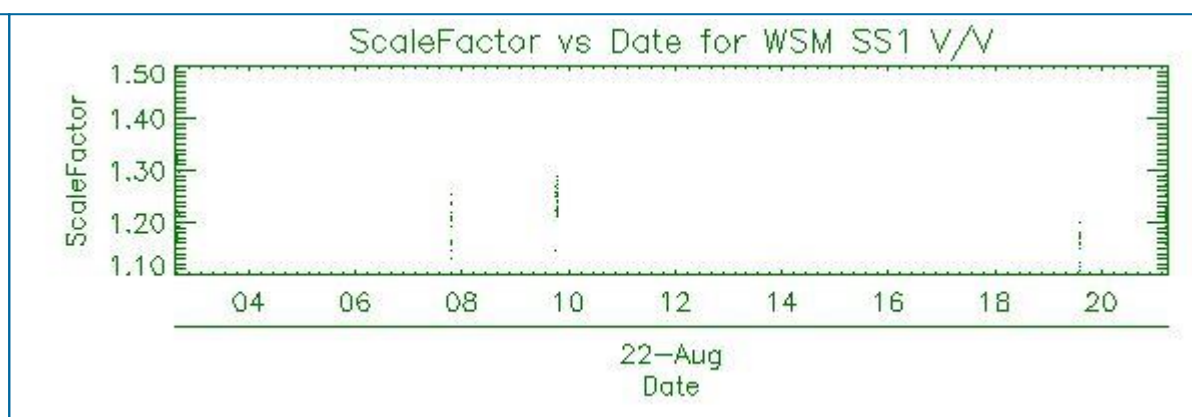
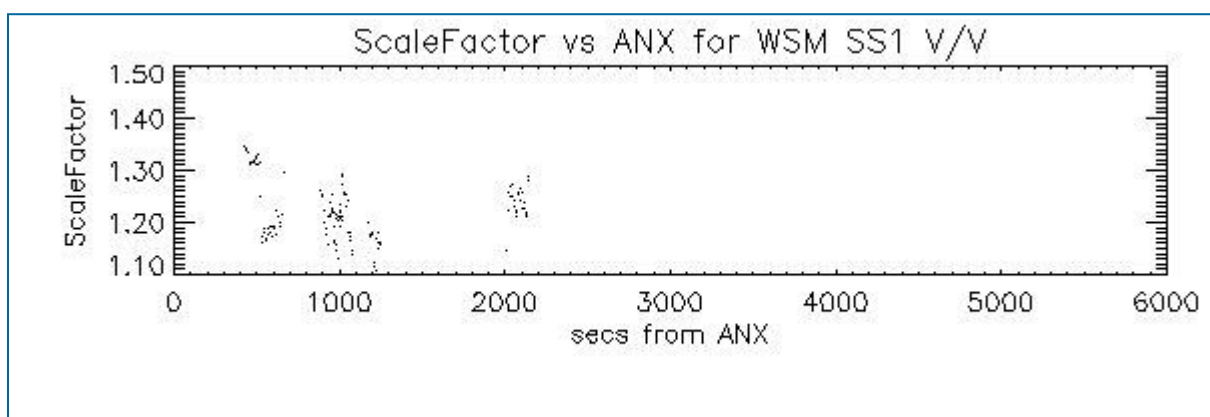




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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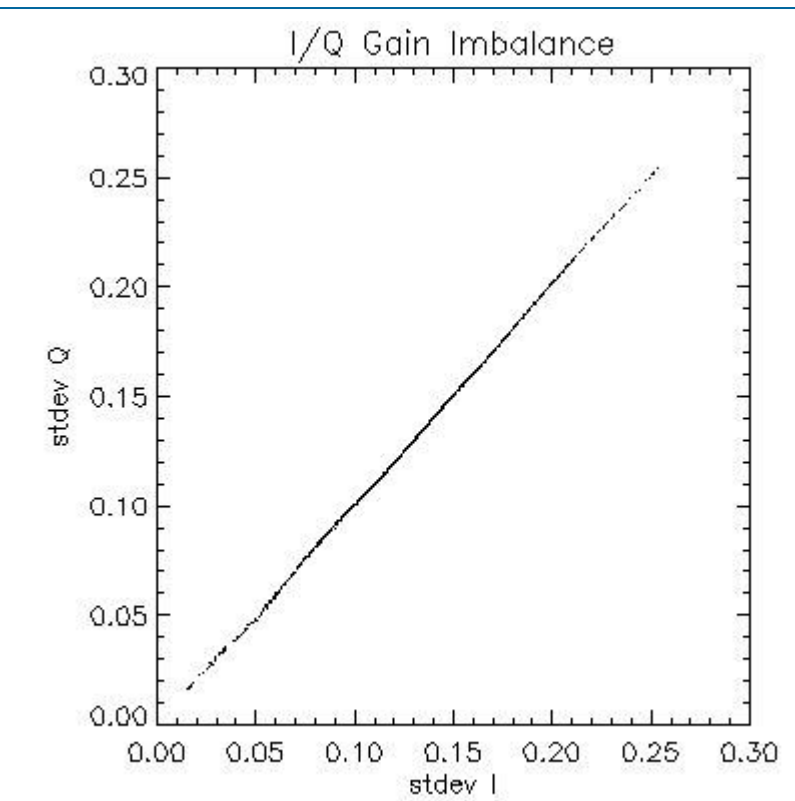
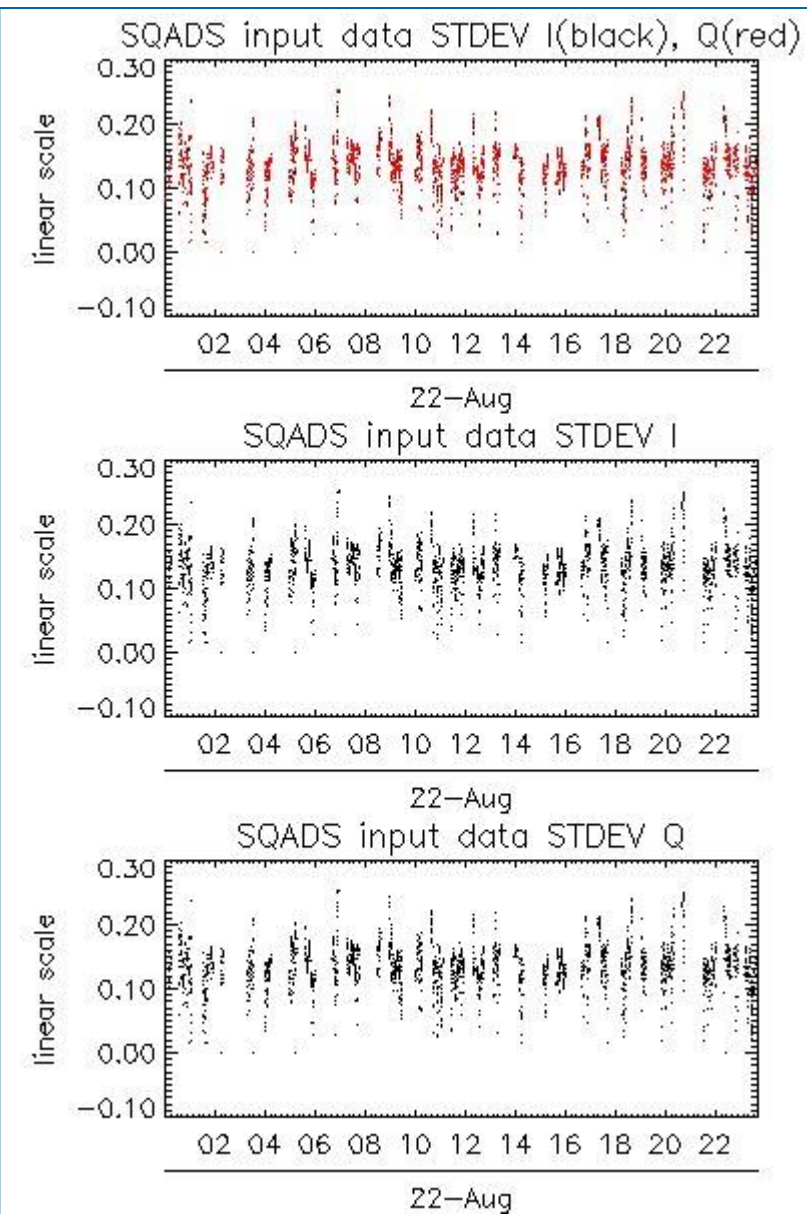
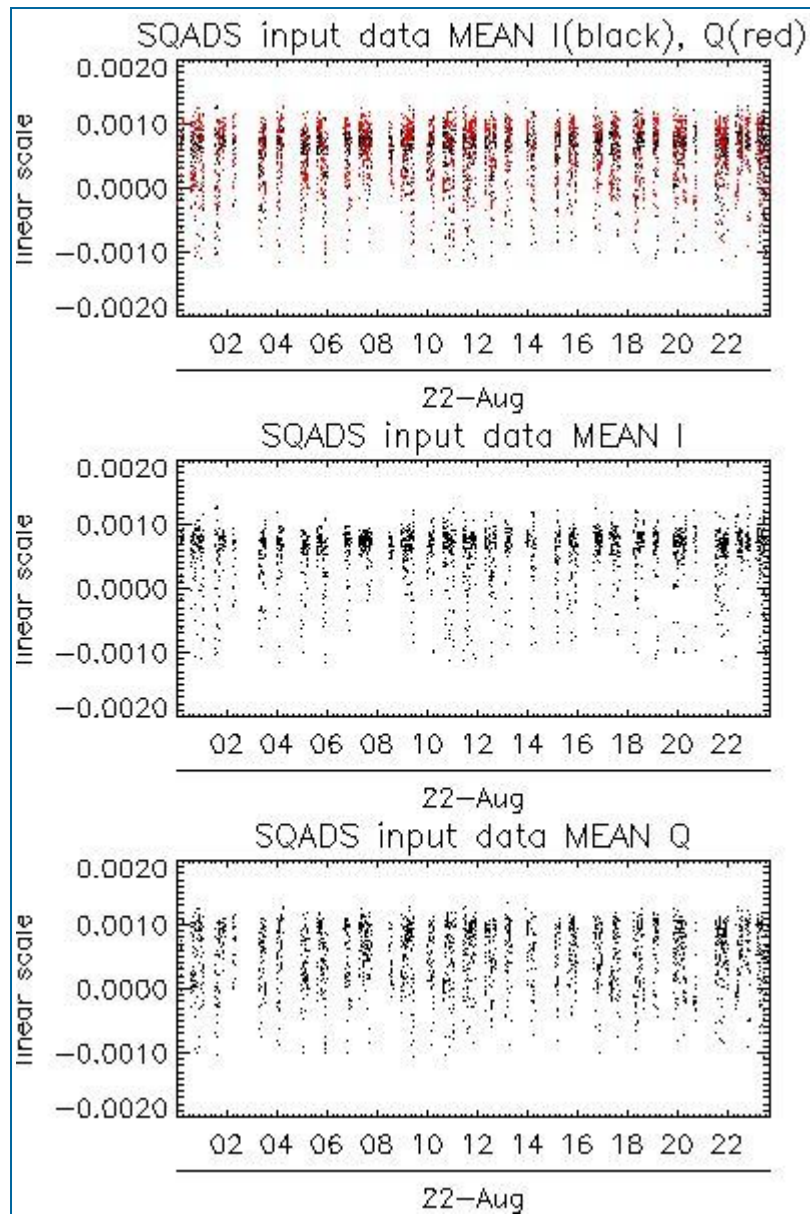
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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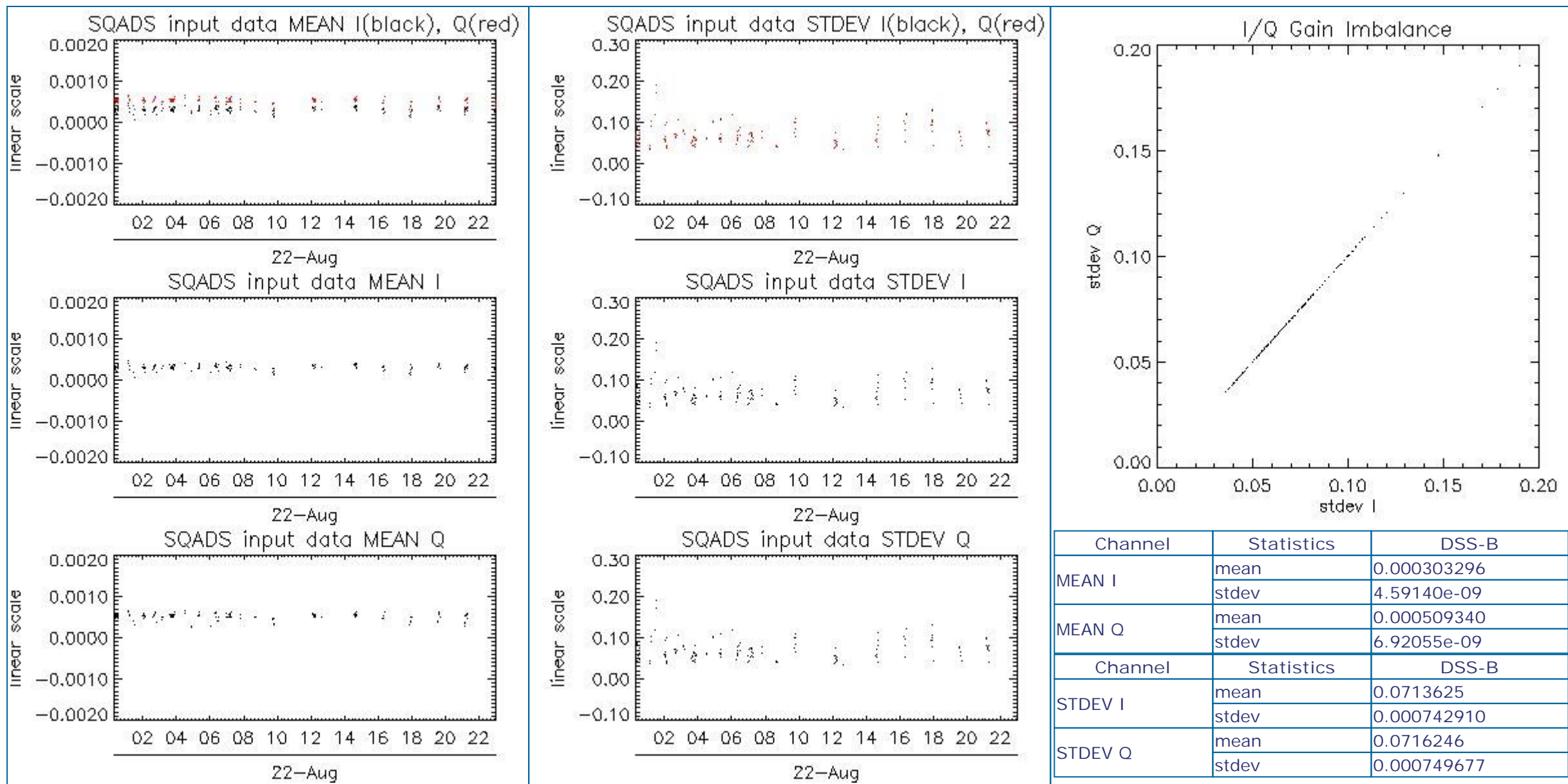


Channel	Statistics	DSS-B
MEAN I	mean	0.000556894
	stdev	1.80486e-07
MEAN Q	mean	0.000511092
	stdev	2.35019e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.134628
	stdev	0.00127302
STDEV Q	mean	0.134984
	stdev	0.00129231

## 7.2 - Analysis for IMM

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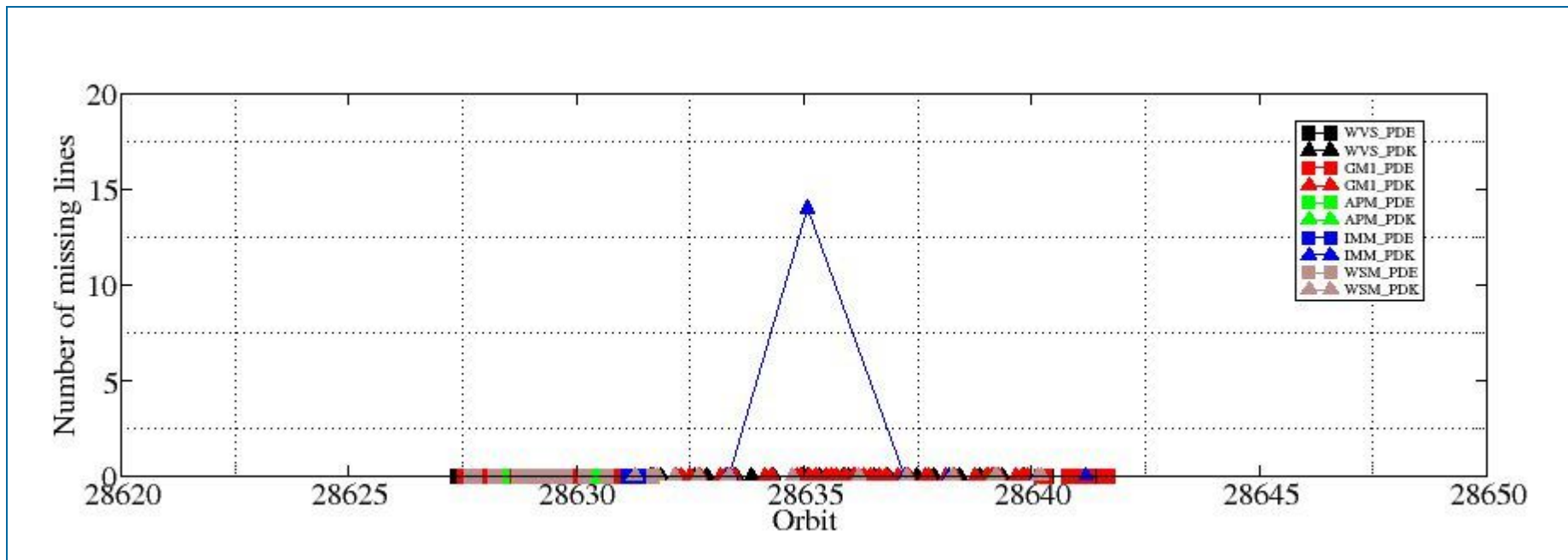
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_IMM_1PNPDK20070822_123947_00000352061_00024_28635_5093.N1	0	14

### 8.1 - Number of Missing lines

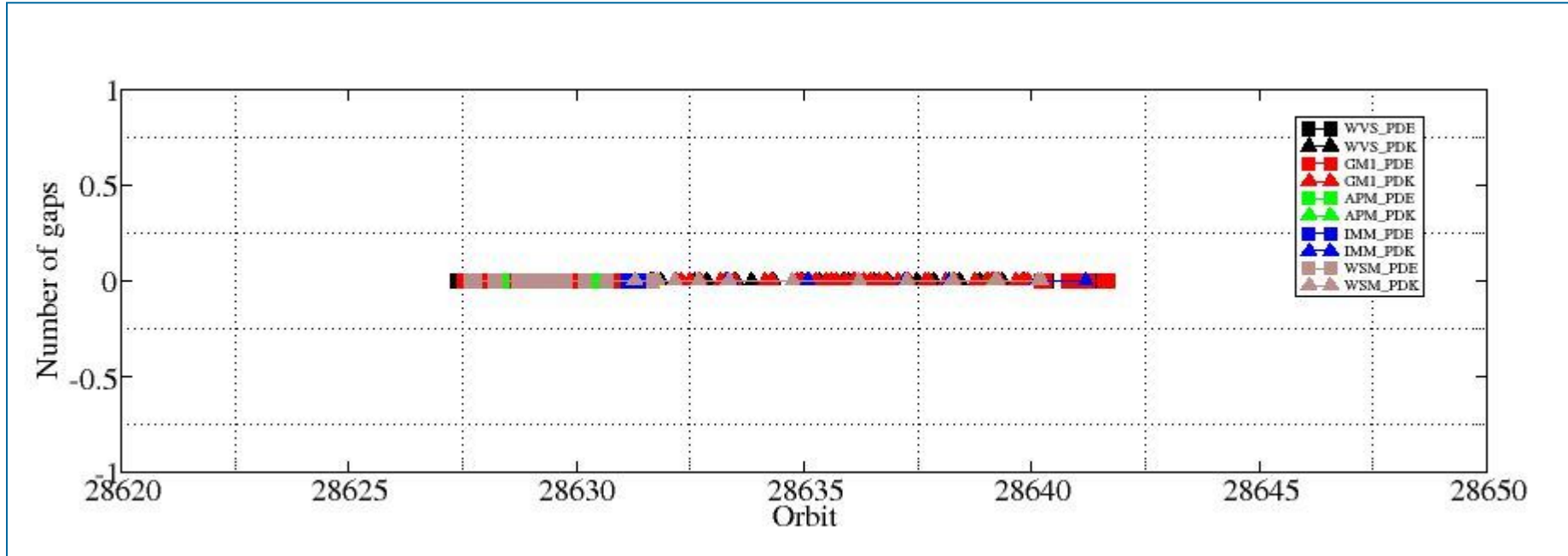
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 070822  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/070822/

DATA SUMMARY

#####  
Summary will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/070822/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/070822/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/070822/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/070822/AUXILIARY

Creating directory ./RESULTS/DAILY/070822/AUXILIARY...

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



Found list 20070822\_030001\_current\_3\_IECF\_ADFs.txt...  
Extracting ADFs...

ASA\_CON\_AXVIEC20070410\_140202\_20070204\_165113\_20071231\_000000  
ASA\_INS\_AXVIEC20070306\_164819\_20070307\_060000\_20071231\_000000  
ASA\_XCH\_AXVIEC20051219\_162547\_20020301\_000000\_20081231\_000000  
ASA\_XCA\_AXVIEC20070517\_153558\_20070204\_165113\_20071231\_000000

Writing file ./RESULTS/DAILY/070822/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
Writing file ./RESULTS/DAILY/070822/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*  
Analysing WVS products...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_WVS.xls...  
Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20070822_000903_000002852061_00016_28627_6431.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_003327_000002552061_00016_28627_6434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_003657_000004942061_00016_28627_6557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_004819_000009742061_00016_28627_6568.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_012951_000008772061_00017_28628_6577.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_014827_000003602061_00017_28628_6584.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_021412_000000292061_00017_28628_6587.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_021412_000002852061_00017_28628_6738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_031632_000008092061_00018_28629_6748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_032932_000002552061_00018_28629_6853.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_035806_000009142061_00018_28629_6876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_045733_000008392061_00019_28630_6884.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_051103_000002702061_00019_28630_7037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_053524_000014392061_00019_28630_7063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_064110_000006592061_00020_28631_7060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_213008_000018892061_00029_28640_7470.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_222123_000001492061_00029_28640_7455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_222308_000008542061_00029_28640_7576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_224515_000005392061_00030_28641_7579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_231032_000013192061_00030_28641_7595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20070822_233835_000002102061_00030_28641_7588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_065155_000002552061_00020_28631_4683.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_071551_000018442061_00020_28631_4702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_082956_000004202061_00021_28632_4778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_085636_000019492061_00021_28632_4844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_100131_000009442061_00022_28633_4911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_103703_000017692061_00022_28633_4970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_112508_000019492061_00023_28634_5010.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_121747_000003302061_00023_28634_5005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_122743_000006592061_00023_28634_5013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_124029_000002692061_00024_28635_5018.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_130651_000008842061_00024_28635_5135.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_135823_000003302061_00024_28635_5140.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_140938_000005542061_00024_28635_5204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_150633_000007642061_00025_28636_5267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_153859_000012442061_00025_28636_5272.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_164012_000011692061_00026_28637_5388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_171926_000013042061_00026_28637_5395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_181538_000014692061_00027_28638_5508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_190214_000007642061_00027_28638_5515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_194940_000018742061_00028_28639_5633.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20070822_204047_000003152061_00028_28639_5645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_GM1.xls...  
Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_GM1.txt...



```
ASA_GM1_1PNPDK20070822_180201_000001082061_00027_28638_5501.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_180446_000004652061_00027_28638_5503.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_184933_000006282061_00027_28638_5505.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_191552_000001322061_00028_28639_5510.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_192017_000004472061_00028_28639_5512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_192834_000002352061_00028_28639_5522.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_193128_000001632061_00028_28639_5622.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_193652_000001202061_00028_28639_5624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_194122_000004952061_00028_28639_5626.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_202150_000000782061_00028_28639_5630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_203730_000001932061_00028_28639_5628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20070822_204655_000010822061_00028_28639_5721.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing APM products...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20070822_012752_000000912061_00017_28628_6676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20070822_045147_000000422061_00019_28630_6846.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20070822_193415_000000502061_00028_28639_5524.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20070822_211005_000000472061_00029_28640_5652.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20070822_025038_000000372061_00018_28629_6703.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20070822_030821_000000802061_00018_28629_6742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20070822_060325_000000352061_00020_28631_7014.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20070822_062939_000000932061_00020_28631_7020.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_094231_000000362061_00022_28633_4864.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_094845_000000802061_00022_28633_4888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_123947_000000352061_00024_28635_5093.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_161648_000000822061_00026_28637_5365.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_175252_000000352061_00027_28638_5484.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_210831_000000832061_00029_28640_5719.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20070822_225551_000002872061_00030_28641_5766.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/070822/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20070822_001707_000006002061_00016_28627_6561.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_002745_000003412061_00016_28627_6550.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_010702_000001032061_00017_28628_6672.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_011021_000001152061_00017_28628_6674.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_015952_000004282061_00017_28628_6808.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_020720_000001472061_00017_28628_6701.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_023651_000002442061_00018_28629_6814.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_024346_000000862061_00018_28629_6812.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_031017_000000672061_00018_28629_6705.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_033719_000003972061_00018_28629_6844.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_034456_000005022061_00018_28629_7000.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_042823_000000862061_00019_28630_6962.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_051755_000003242061_00019_28630_7012.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20070822_065831_000002202061_00020_28631_7172.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDK20070822_061759_000003862061_00020_28631_4678.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_070708_000005202061_00020_28631_4769.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_074718_000000862061_00021_28632_4767.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_083907_000001592061_00021_28632_4895.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_094537_000001282061_00022_28633_4893.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_094537_000001462061_00022_28633_5244.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_120634_000005872061_00023_28634_5124.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_143500_000005742061_00025_28636_5252.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_162007_000001462061_00026_28637_5370.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_175940_000001282061_00027_28638_5489.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_193518_000000852061_00028_28639_5611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_193901_000001282061_00028_28639_5609.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_211106_000002192061_00029_28640_5744.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20070822_211745_000001832061_00029_28640_5748.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/070822/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/070822/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/070822/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/070822/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/070822/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1

Test product: ASA\_MS\_0PNPDK20070821\_173337\_000000162061\_00012\_28623\_0357.N1

H

H

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20070821\_173337-20050922\_062651.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20070821\_173337-20050922\_062651.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20070821\_173337-20050922\_062651.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20070821\_173337-20050922\_062651.png

Polarization: V

Reference product: ASA\_MS\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1

Test product: ASA\_MS\_0PNPDK20070822\_170200\_000000162061\_00026\_28637\_0358.N1

V

V

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20070822\_170200-20050923\_055514.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20070822\_170200-20050923\_055514.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20070822\_170200-20050923\_055514.png

../../RESULTS/DAILY/070822/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20070822\_170200-20050923\_055514.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20070819\_183651\_000000162060\_00485\_28595\_0355.N1

Test product: ASA\_MS\_0PNPDK20070821\_173337\_000000162061\_00012\_28623\_0357.N1



H  
H  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20070821\_173337-20070819\_183651.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20070821\_173337-20070819\_183651.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20070821\_173337-20070819\_183651.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20070821\_173337-20070819\_183651.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20070820\_180514\_000000162060\_00499\_28609\_0356.N1  
Test product: ASA\_MS\_\_0PNPDK20070822\_170200\_000000162061\_00026\_28637\_0358.N1

V  
V  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20070822\_170200-20070820\_180514.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20070822\_170200-20070820\_180514.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20070822\_170200-20070820\_180514.png  
../../../../RESULTS/DAILY/070822/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20070822\_170200-20070820\_180514.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/070822/CALIBRATION\_PULSES...

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\*\*\*\*\*  
ALL ROWS Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2007-08-22\_1.dat...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2007-08-22\_2.dat...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2007-08-22\_3.dat...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2007-08-22\_4.dat...  
Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/070822//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 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2007-08-22\_1.dat...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2007-08-22\_2.dat...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2007-08-22\_3.dat...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2007-08-22 00:00:00 to 2007-08-22 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/070822/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2007-08-22\_4.dat...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/070822//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/070822/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
 Writing file ./RESULTS/DAILY/070822/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2007-08-22.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/070822/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
 Writing file ./RESULTS/DAILY/070822/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2007-08-22.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/070822/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER JUMPS Analysis will be performed on WSM products from 2007-08-22 00:00:00 to 2007-08-22 23:59:59

Analysing by default products WSM  
 Getting doppler jumps data for WSM from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...  
 Writing file ./RESULTS/DAILY/070822/DOPPLER/Doppler\_Jumps\_data\_WSM\_2007-08-22.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/070822/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
 Writing file ../../RESULTS/DAILY/070822/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER MAP Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 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 = -20.276971 Hz
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -18.137105 Hz
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/070822//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 = -12.647031 Hz
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -25.488944 Hz
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/070822//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
*****
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/070822/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...
Writing file ./RESULTS/DAILY/070822/CHIRP/ScaleFactor_data_WSM_SS1_HH_2007-08-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/070822/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/070822/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...
Writing file ./RESULTS/DAILY/070822/CHIRP/ScaleFactor_data_WSM_SS1_VV_2007-08-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/070822/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/070822/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
#####
```

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/070822/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/070822/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...
Writing file ./RESULTS/DAILY/070822/RAW_DATA/Raw_data_WVS_2007-08-22.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2007-08-22 00:00:00 to 2007-08-22 23:59:59...
Writing file ./RESULTS/DAILY/070822/RAW_DATA/Raw_data_IMM_2007-08-22.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/070822/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

```
RAW DATA ANALYSIS completed
#####
```

```
TELEMETRY ANALYSIS
#####
Analysis will be performed from 2007-08-22 00:00:00 to 2007-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/070822/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/070822/TELEMETRY...
```

```
Looking for gaps and missing lines in WVS products...
*****
Checking 22 products from PDE...
Checking 21 products from PDK...
```

```
Looking for gaps and missing lines in GM1 products...
*****
Checking 33 products from PDE...
Checking 45 products from PDK...
```

```
Looking for gaps and missing lines in APM products...
*****
Checking 2 products from PDE...
Checking 2 products from PDK...
```

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

```
*****
Checking 4 products from PDE...
Checking 7 products from PDK...
Found product...ASA_IMM_1PNPDK20070822_123947_00000352061_00024_28635_5093.N1 / 0 gaps / 14 missing lines
```

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

```
Checking 14 products from PDE...
Checking 14 products from PDK...
```

```
Creating graph of missing lines and gaps...
*****
```

```
Creating image: ./RESULTS/DAILY/070822/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/070822/TELEMETRY/TELEMETRY_Gaps.png...
```

```
TELEMETRY ANALYSIS completed
#####
```

```
BROWSE PRODUCTS ANALYSIS
#####
```

```
Analysis will be performed on 2007-08-22
```

```
*****
```

```
Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20070822/
```

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_211457_000001572061_00029_28640_7448.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_212116_000001202061_00029_28640_7458.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_212701_000001872061_00029_28640_7460.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_221506_000003742061_00029_28640_7462.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_223809_000004222061_00030_28641_7574.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_230056_000005732061_00030_28641_7603.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_233315_000002112061_00030_28641_7593.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_233655_000000962061_00030_28641_7591.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20070822_234704_000000782061_00030_28641_7605.N1 ...
```

```
ANALYSIS COMPLETED: 9 GM browse products to see...
*****
```

```
*****
```

```
Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20070822/
```

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20070822_163437_000000422061_00026_28637_7336.N1 ...
```

```
ANALYSIS COMPLETED: 1 AP browse products to see...
*****
```

```
*****
```

```
Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20070822/
```

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_141928_000000802061_00025_28636_7308.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_145100_000000232061_00025_28636_7292.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_145216_000000362061_00025_28636_7306.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_174148_000001992061_00027_28638_7370.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_180351_000000372061_00027_28638_7358.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_181232_000001402061_00027_28638_7382.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_191806_000001132061_00028_28639_7424.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_192742_000000352061_00028_28639_7384.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20070822_210843_000000402061_00029_28640_7533.N1 ...
```

```
ANALYSIS COMPLETED: 9 IM browse products to see...
*****
```

\*\*\*\*\*

Scanning directory /nas3/ENVISAT/ASAR//ASA\_WS\_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_WS\_BP/JPG/20070822/

Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_095507\_000001282061\_00022\_28633\_7204.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_101758\_000000862061\_00022\_28633\_7213.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_101943\_000005392061\_00022\_28633\_7258.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_102050\_000004722061\_00022\_28633\_7239.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_102813\_000000922061\_00022\_28633\_7237.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_103020\_000004032061\_00022\_28633\_7260.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_115834\_000001282061\_00023\_28634\_7280.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_120138\_000002612061\_00023\_28634\_7281.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_134055\_000002012061\_00024\_28635\_7330.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_142256\_000001472061\_00025\_28636\_7334.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_145419\_000001282061\_00025\_28636\_7332.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_153008\_000003242061\_00025\_28636\_7328.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_170325\_000003062061\_00026\_28637\_7374.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_171344\_000003422061\_00026\_28637\_7372.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_184059\_000005002061\_00027\_28638\_7404.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_202319\_000004832061\_00028\_28639\_7570.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_202426\_000004162061\_00028\_28639\_7446.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_203051\_000001472061\_00028\_28639\_7426.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_203356\_000002012061\_00028\_28639\_7444.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_212326\_000002012061\_00029\_28640\_7566.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_220332\_000002982061\_00029\_28640\_7572.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_220955\_000002982061\_00029\_28640\_7568.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_234347\_000001832061\_00030\_28641\_7693.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_234831\_000005992061\_00030\_28641\_7827.N1 ...  
Stripping browse product /nas3/ENVISAT/ASAR//ASA\_WS\_BP/ASA\_WS\_BPZPDE20070822\_235907\_000001592061\_00030\_28641\_7691.N1 ...

ANALYSIS COMPLETED: 25 WS browse products to see...

\*\*\*\*\*

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/070822/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

#####



# ASAR Daily Report



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_1PNPDE20070822_012752_000000912061_00017_28628_6676.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20070822_045147_000000422061_00019_28630_6846.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20070822_193415_000000502061_00028_28639_5524.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20070822_211005_000000472061_00029_28640_5652.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_1PNPDE20070822_000211_000004102061_00016_28627_6425.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_001439_000001382061_00016_28627_6436.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_004559_000001382061_00016_28627_6559.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_010528_000000842061_00017_28628_6565.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_010856_000000722061_00017_28628_6563.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_011227_000009242061_00017_28628_6574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_014523_000001812061_00017_28628_6579.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_015515_000002652061_00017_28628_6581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_020954_000002532061_00017_28628_6589.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_021950_000007612061_00017_28628_6745.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_024118_000001382061_00018_28629_6735.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_024520_000003142061_00018_28629_6740.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_025132_000010092061_00018_28629_6810.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_031134_000002952061_00018_28629_6728.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_035330_000002712061_00018_28629_6855.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_041853_000005612061_00019_28630_6857.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_042957_000013112061_00019_28630_6948.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_045254_000002772061_00019_28630_6886.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_051627_000000782061_00019_28630_7041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_053406_000000722061_00019_28630_7039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_060020_000001812061_00020_28631_7034.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_060418_000008092061_00020_28631_7057.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_062435_000003022061_00020_28631_7053.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_063129_000005792061_00020_28631_7055.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_211457_000001572061_00029_28640_7447.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_212116_000001202061_00029_28640_7457.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_212701_000001872061_00029_28640_7459.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_221506_000003742061_00029_28640_7461.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_223809_000004222061_00030_28641_7573.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_230056_000005732061_00030_28641_7602.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_233315_000002112061_00030_28641_7592.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_233655_000000962061_00030_28641_7590.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20070822_234704_000000782061_00030_28641_7604.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_065703_000000782061_00020_28631_4680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_070220_000002772061_00020_28631_4685.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_074852_000007002061_00021_28632_4699.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20070822_082123_000005132061_00021_28632_4773.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_083739_000000782061_00021_28632_4775.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_084156_000008762061_00021_28632_4780.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_092950_000006822061_00022_28633_4841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_094028_000001202061_00022_28633_4906.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_094324_000001202061_00022_28633_4908.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_095732_000001992061_00022_28633_4913.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_110715_000008152061_00023_28634_4972.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_112011_000002952061_00023_28634_5002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_121630_000000722061_00023_28634_5007.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_122407_000002112061_00023_28634_5015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_124545_000008822061_00024_28635_5020.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_125951_000004162061_00024_28635_5126.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_132222_000006462061_00024_28635_5128.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_133319_000004472061_00024_28635_5130.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_134429_000008332061_00024_28635_5132.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_140445_000002892061_00024_28635_5137.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_142105_000001022061_00025_28636_5142.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_142531_000005612061_00025_28636_5217.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_144443_000003622061_00025_28636_5260.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_150142_000002892061_00025_28636_5262.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_152002_000005982061_00025_28636_5264.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_153542_000001932061_00025_28636_5269.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_160034_000009722061_00026_28637_5357.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20070822_162244_000007122061_00026_28637_5385.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20070822_170857_000002772061_00026_28637_5390.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_174525_000004472061_00027_28638_5392.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_180201_000001082061_00027_28638_5501.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_180446_000004652061_00027_28638_5503.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_184933_000006282061_00027_28638_5505.N1	OK	OK	OK	OK
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ASA_GM1_1PNPDK20070822_192017_000004472061_00028_28639_5512.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_192834_000002352061_00028_28639_5522.N1	OK	OK	OK	OK
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ASA_GM1_1PNPDK20070822_194122_000004952061_00028_28639_5626.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_202150_000000782061_00028_28639_5630.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_203730_000001932061_00028_28639_5628.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20070822_204655_000010822061_00028_28639_5721.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_1PNPDE20070822_025038_000000372061_00018_28629_6703.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20070822_030821_000000802061_00018_28629_6742.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20070822_060325_000000352061_00020_28631_7014.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20070822_062939_000000932061_00020_28631_7020.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_094231_000000362061_00022_28633_4864.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_094845_000000802061_00022_28633_4888.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_123947_000000352061_00024_28635_5093.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_161648_000000822061_00026_28637_5365.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_175252_0000003532061_00027_28638_5484.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_210831_000000832061_00029_28640_5719.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20070822_225551_0000002872061_00030_28641_5766.N1					OK	OK	OK	OK

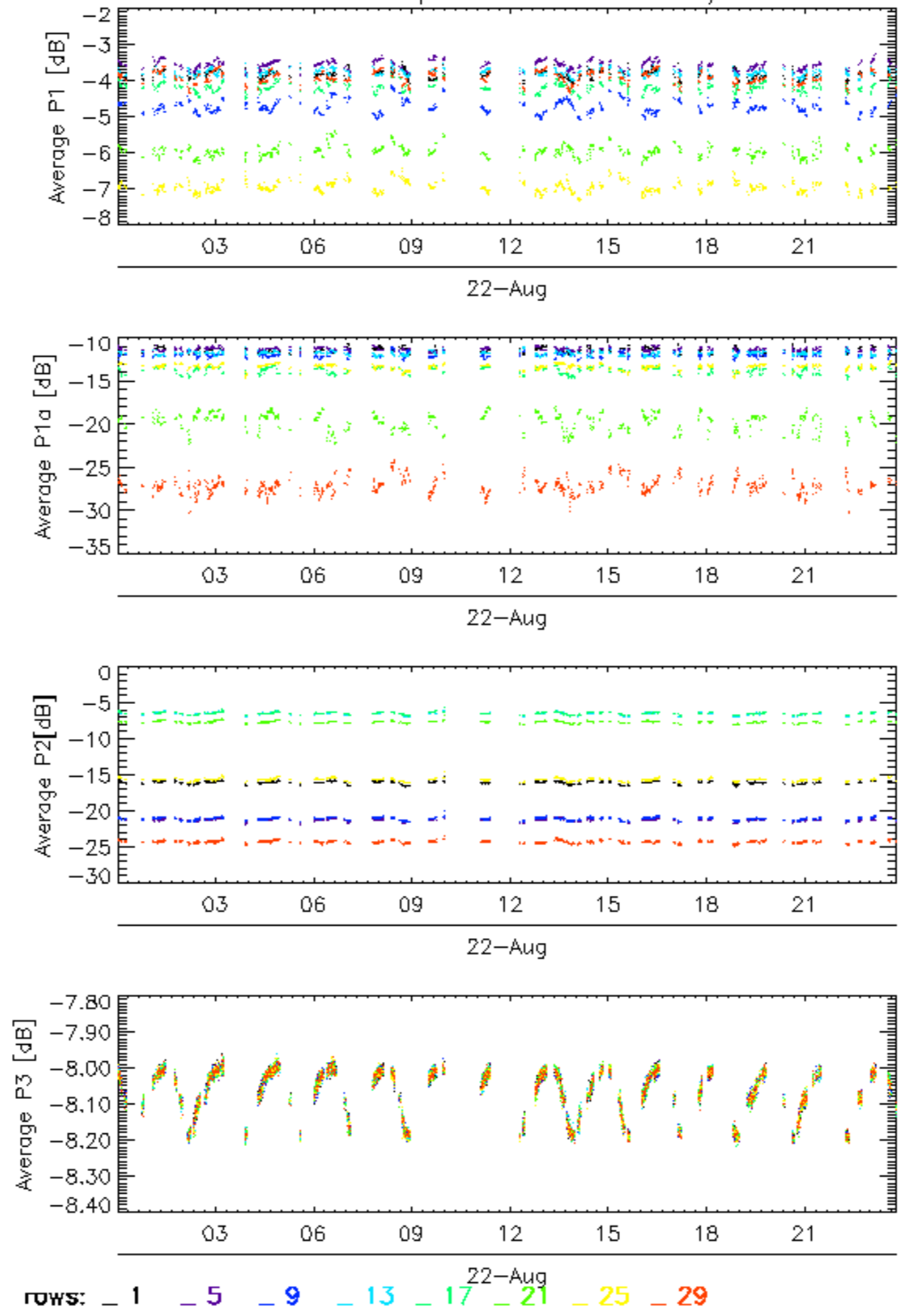
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WSM_1PNPDE20070822_010702_000001032061_00017_28628_6672.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_011021_000001152061_00017_28628_6674.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_015952_000004282061_00017_28628_6808.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_020720_000001472061_00017_28628_6701.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_023651_000002442061_00018_28629_6814.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_024346_000000862061_00018_28629_6812.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_031017_000000672061_00018_28629_6705.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_033719_000003972061_00018_28629_6844.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_034456_000005022061_00018_28629_7000.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_042823_000000862061_00019_28630_6962.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_051755_000003242061_00019_28630_7012.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20070822_065831_000002202061_00020_28631_7172.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_061759_000003862061_00020_28631_4678.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_070708_000005202061_00020_28631_4769.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_074718_000000862061_00021_28632_4767.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_083907_000001592061_00021_28632_4895.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_094537_000001282061_00022_28633_4893.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_094537_000001462061_00022_28633_5244.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_120634_000005872061_00023_28634_5124.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_143500_000005742061_00025_28636_5252.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20070822_175940_000001282061_00027_28638_5489.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_193518_000000852061_00028_28639_5611.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_193901_000001282061_00028_28639_5609.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20070822_211106_000002192061_00029_28640_5744.N1					OK	OK	OK	OK
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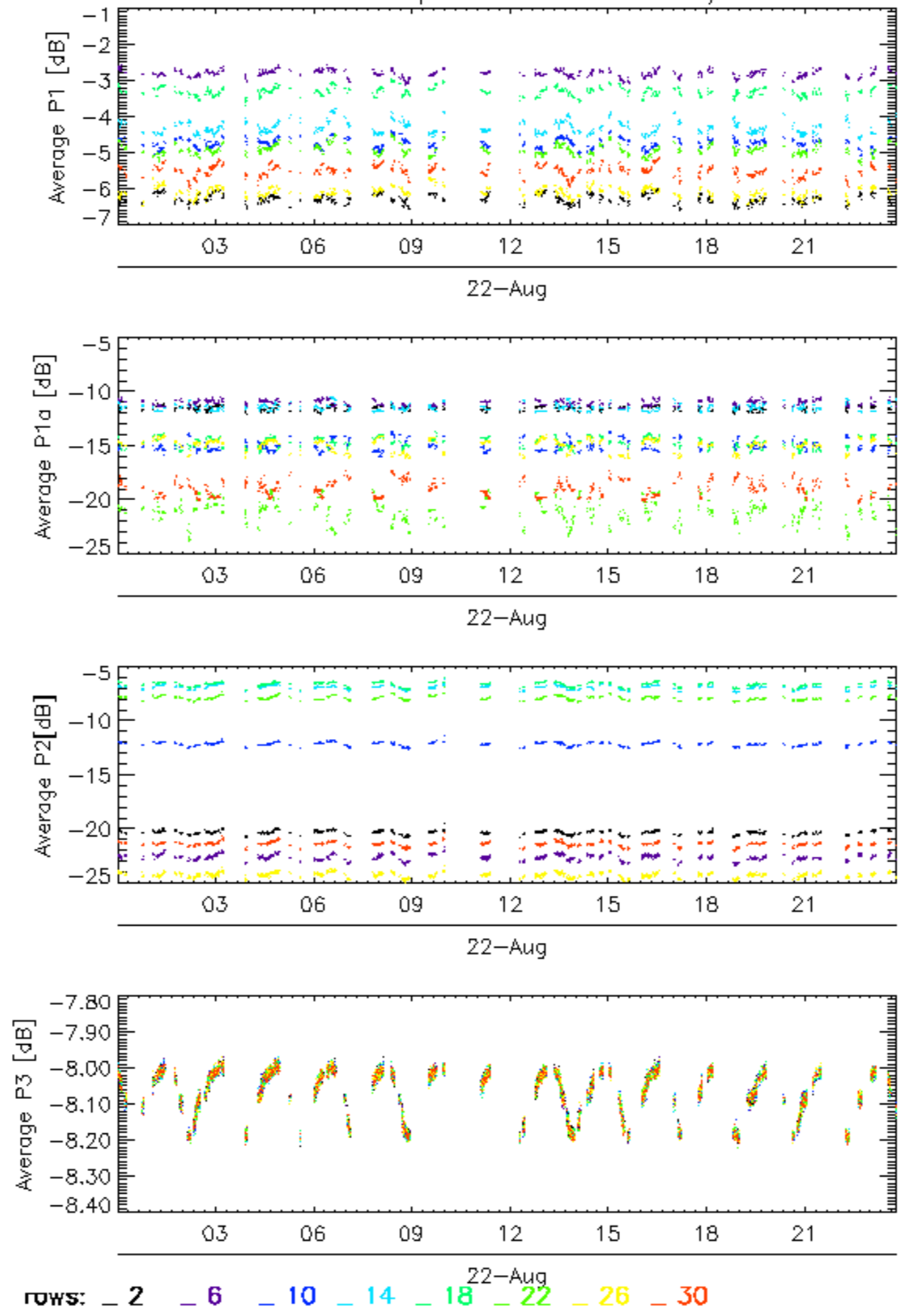
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20070822_003657_000004942061_00016_28627_6557.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_004819_000009742061_00016_28627_6568.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_012951_000008772061_00017_28628_6577.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_014827_000003602061_00017_28628_6584.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_021412_00000292061_00017_28628_6587.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_021412_000002852061_00017_28628_6738.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_031632_000008092061_00018_28629_6748.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_032932_000002552061_00018_28629_6853.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_035806_000009142061_00018_28629_6876.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_045733_000008392061_00019_28630_6884.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_051103_000002702061_00019_28630_7037.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_053524_000014392061_00019_28630_7063.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_064110_000006592061_00020_28631_7060.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_213008_000018892061_00029_28640_7470.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_222123_000001492061_00029_28640_7455.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_222308_000008542061_00029_28640_7576.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_224515_000005392061_00030_28641_7579.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_231032_000013192061_00030_28641_7595.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20070822_233835_000002102061_00030_28641_7588.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_065155_000002552061_00020_28631_4683.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_071551_000018442061_00020_28631_4702.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_082956_000004202061_00021_28632_4778.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_085636_000019492061_00021_28632_4844.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_100131_000009442061_00022_28633_4911.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_103703_000017692061_00022_28633_4970.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_112508_000019492061_00023_28634_5010.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_121747_000003302061_00023_28634_5005.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_122743_000006592061_00023_28634_5013.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_124029_000002692061_00024_28635_5018.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_130651_000008842061_00024_28635_5135.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_135823_000003302061_00024_28635_5140.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_140938_000005542061_00024_28635_5204.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_150633_000007642061_00025_28636_5267.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_153859_000012442061_00025_28636_5272.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_164012_000011692061_00026_28637_5388.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_171926_000013042061_00026_28637_5395.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_181538_000014692061_00027_28638_5508.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_190214_000007642061_00027_28638_5515.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20070822_194940_000018742061_00028_28639_5633.N1					OK	OK	OK	OK
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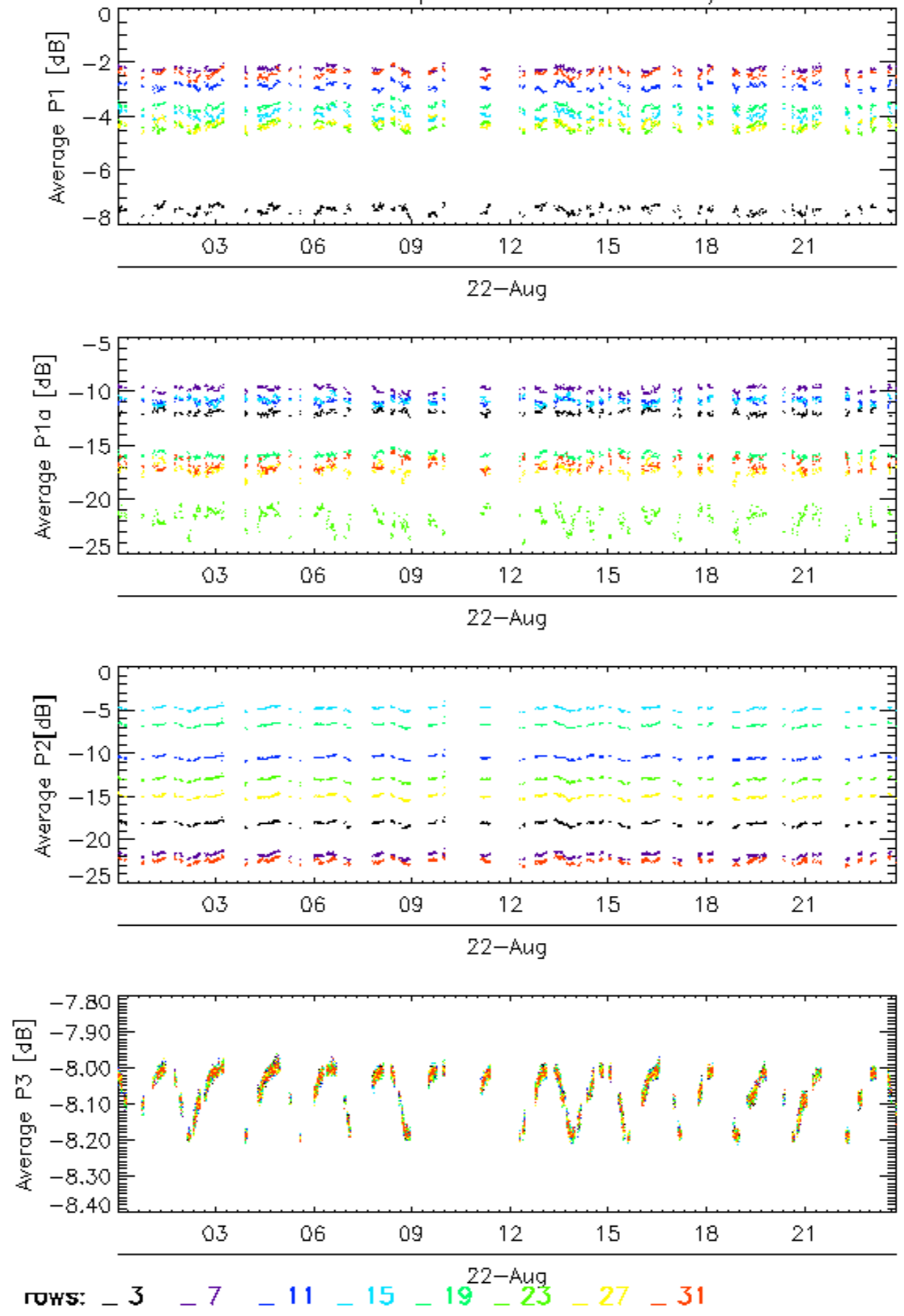
### Calibration pulses for GM1 SS3 H/H



Calibration pulses for GM1 SS3 H/H

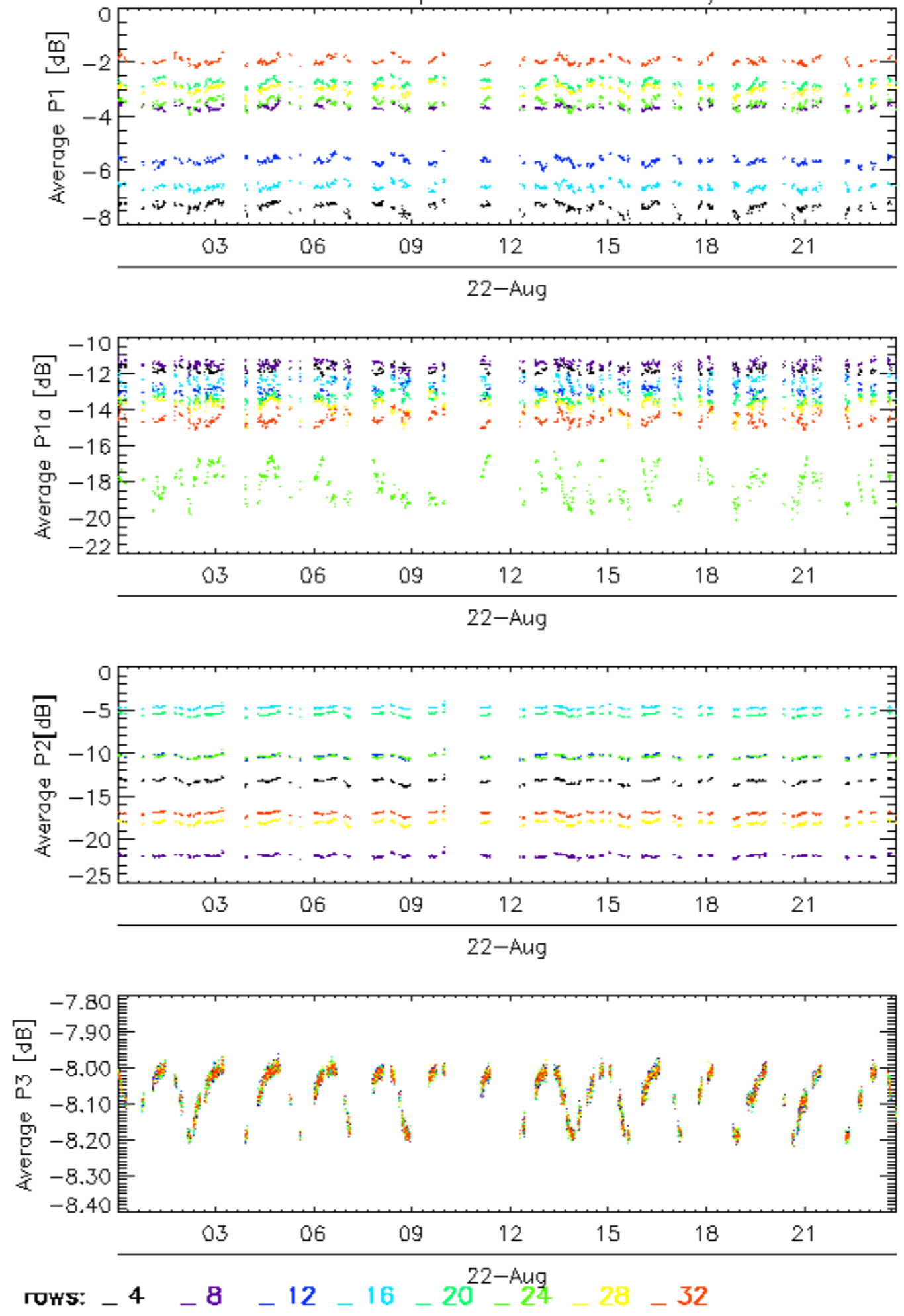


### Calibration pulses for GM1 SS3 H/H

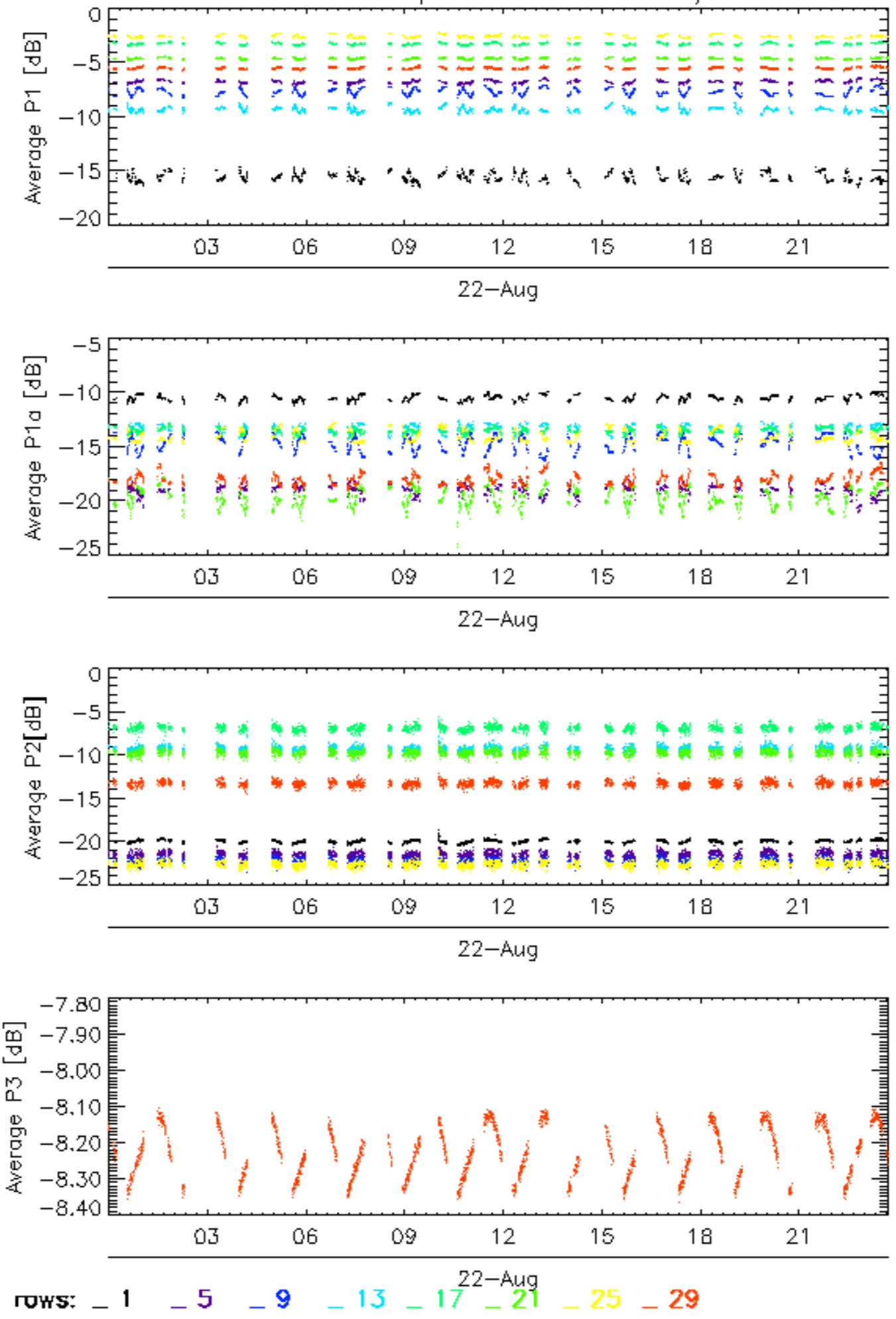




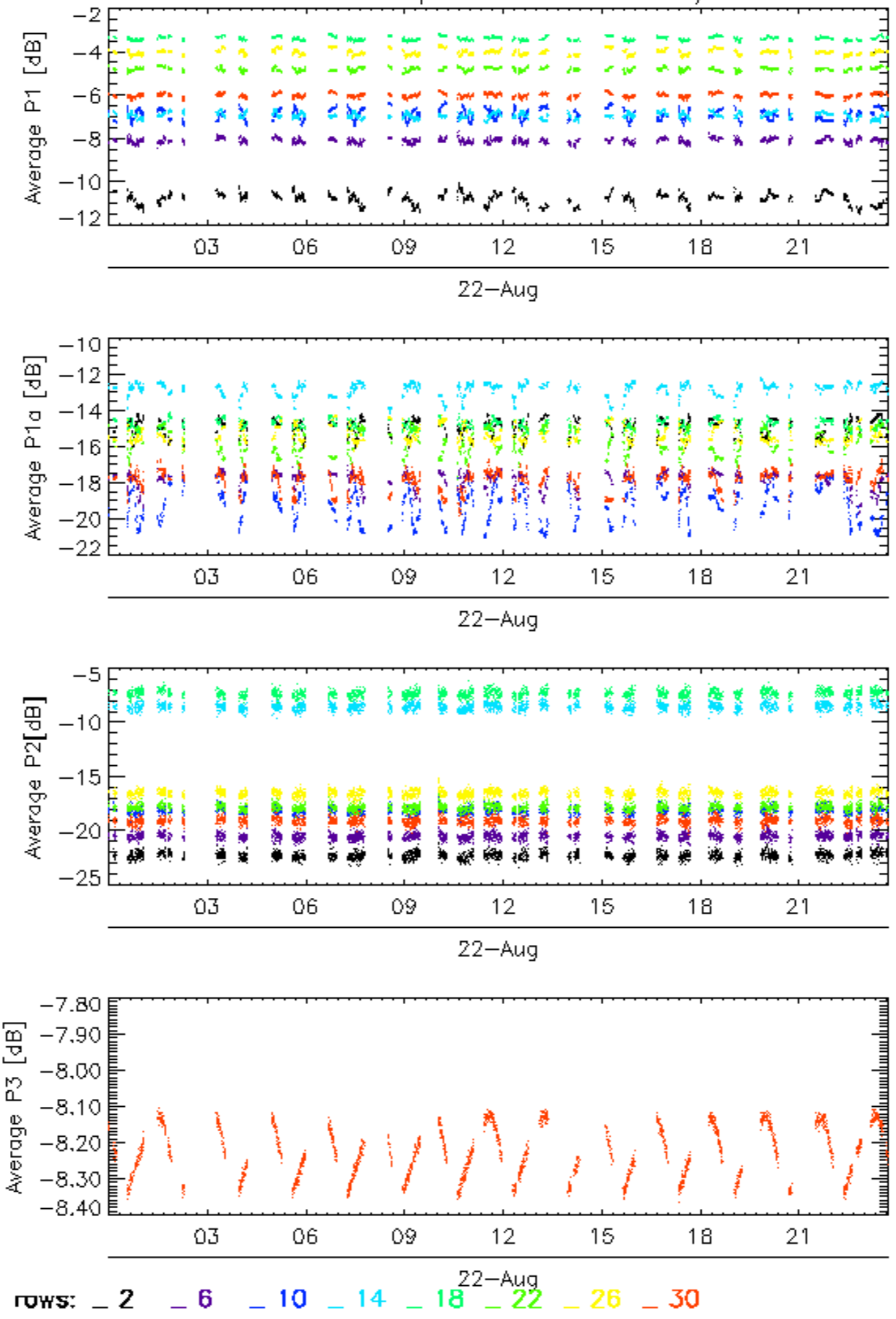
### Calibration pulses for GM1 SS3 H/H



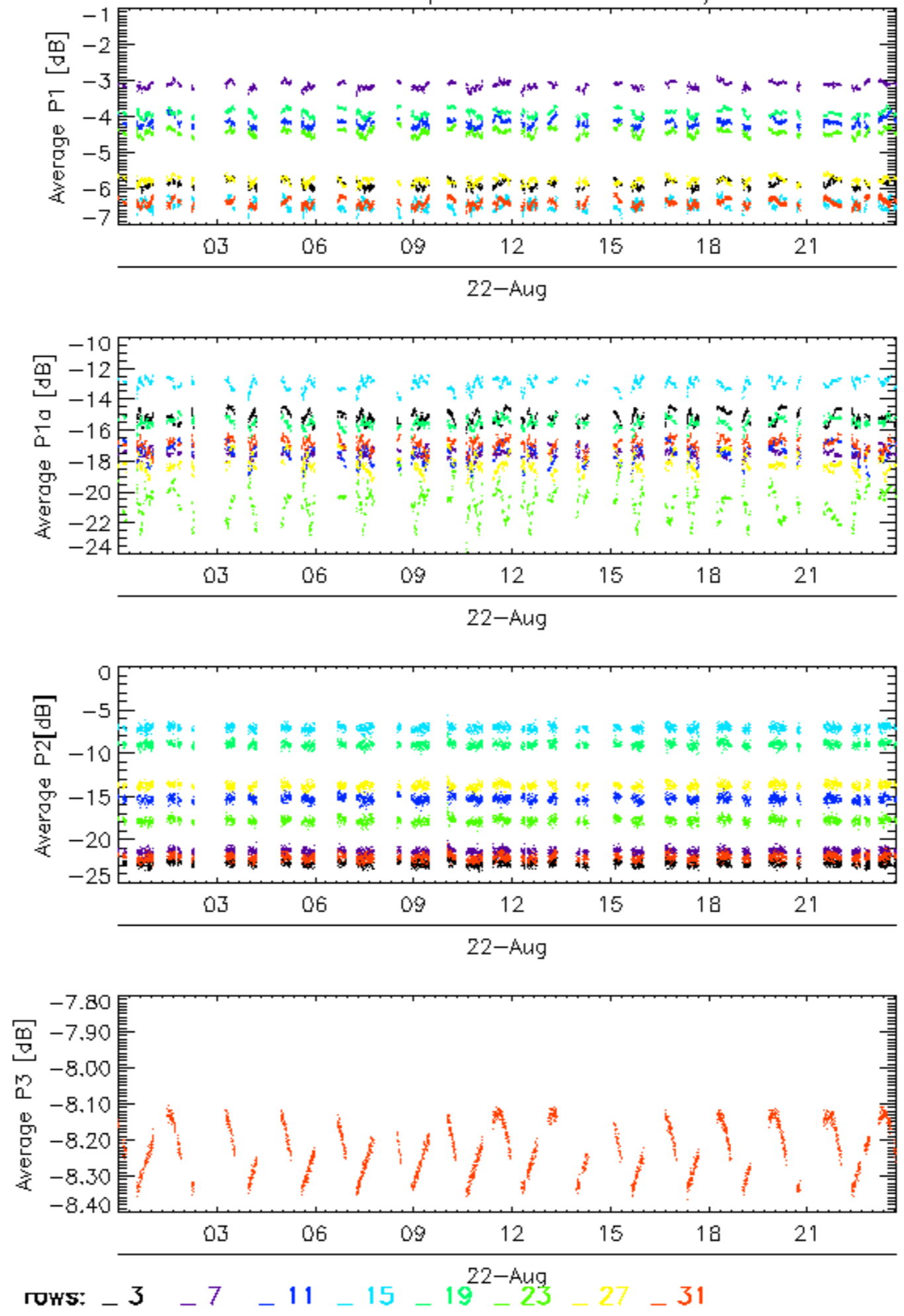
### Calibration pulses for WVS IS2 V/V



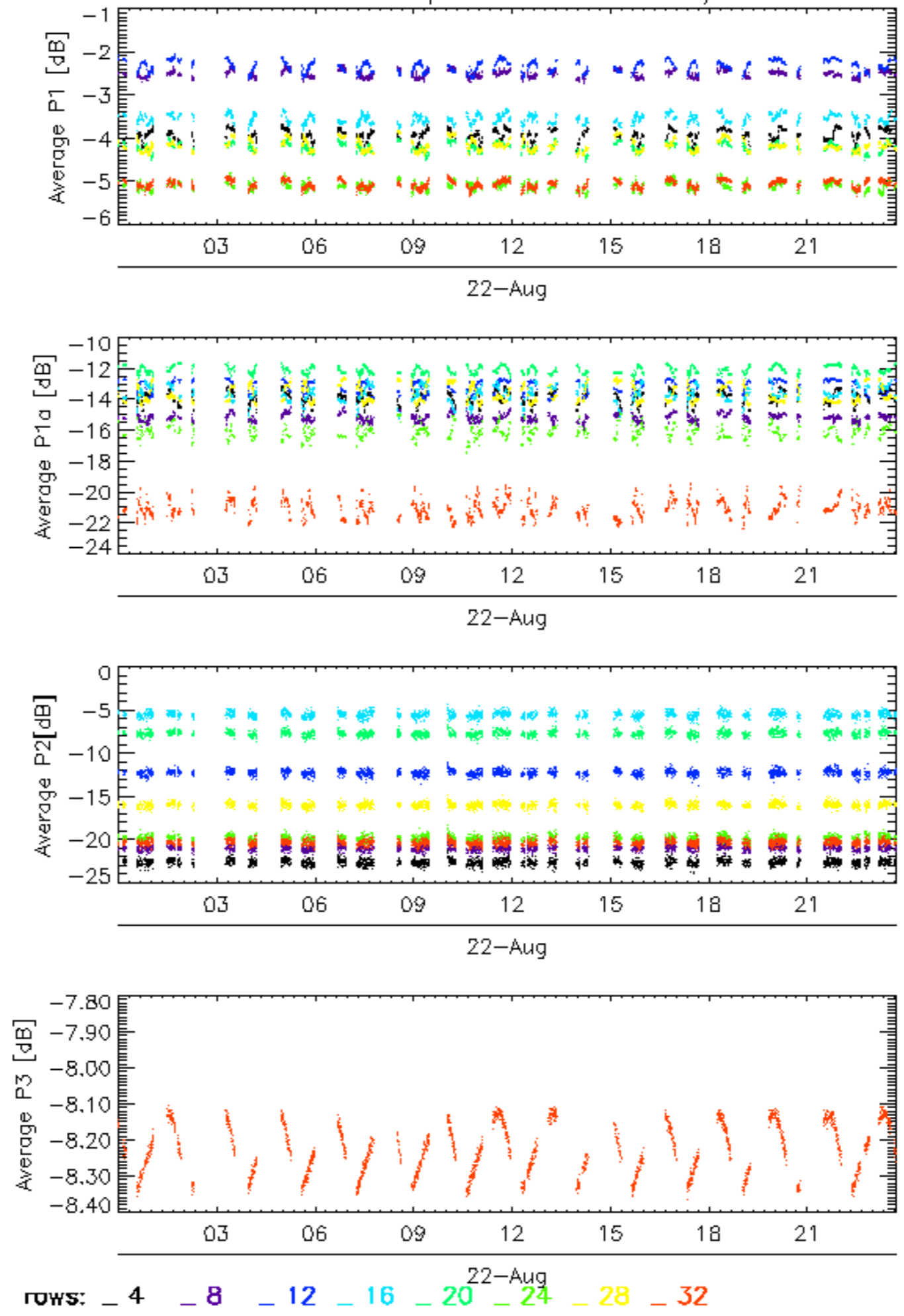
Calibration pulses for WVS IS2 V/V

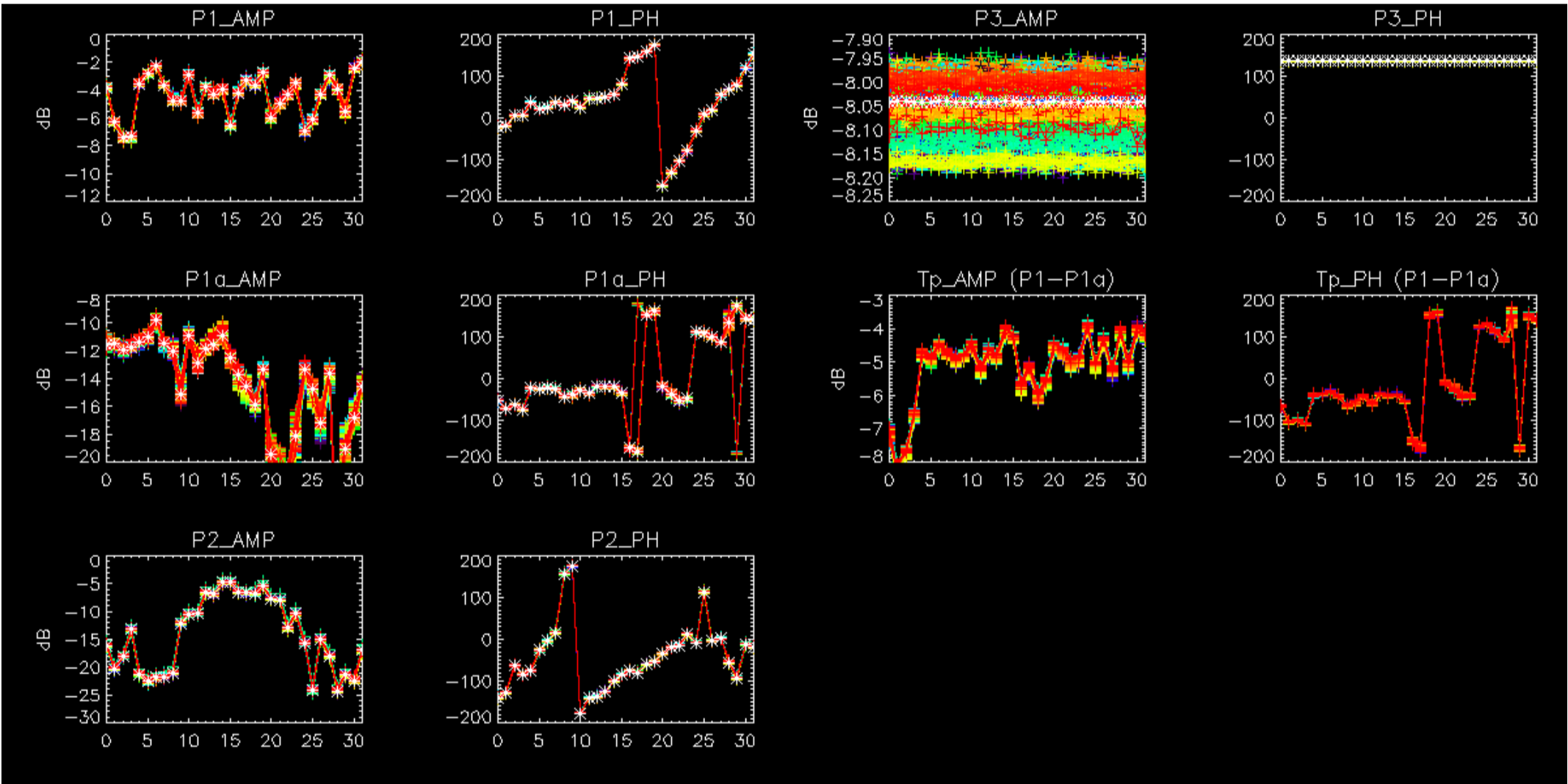


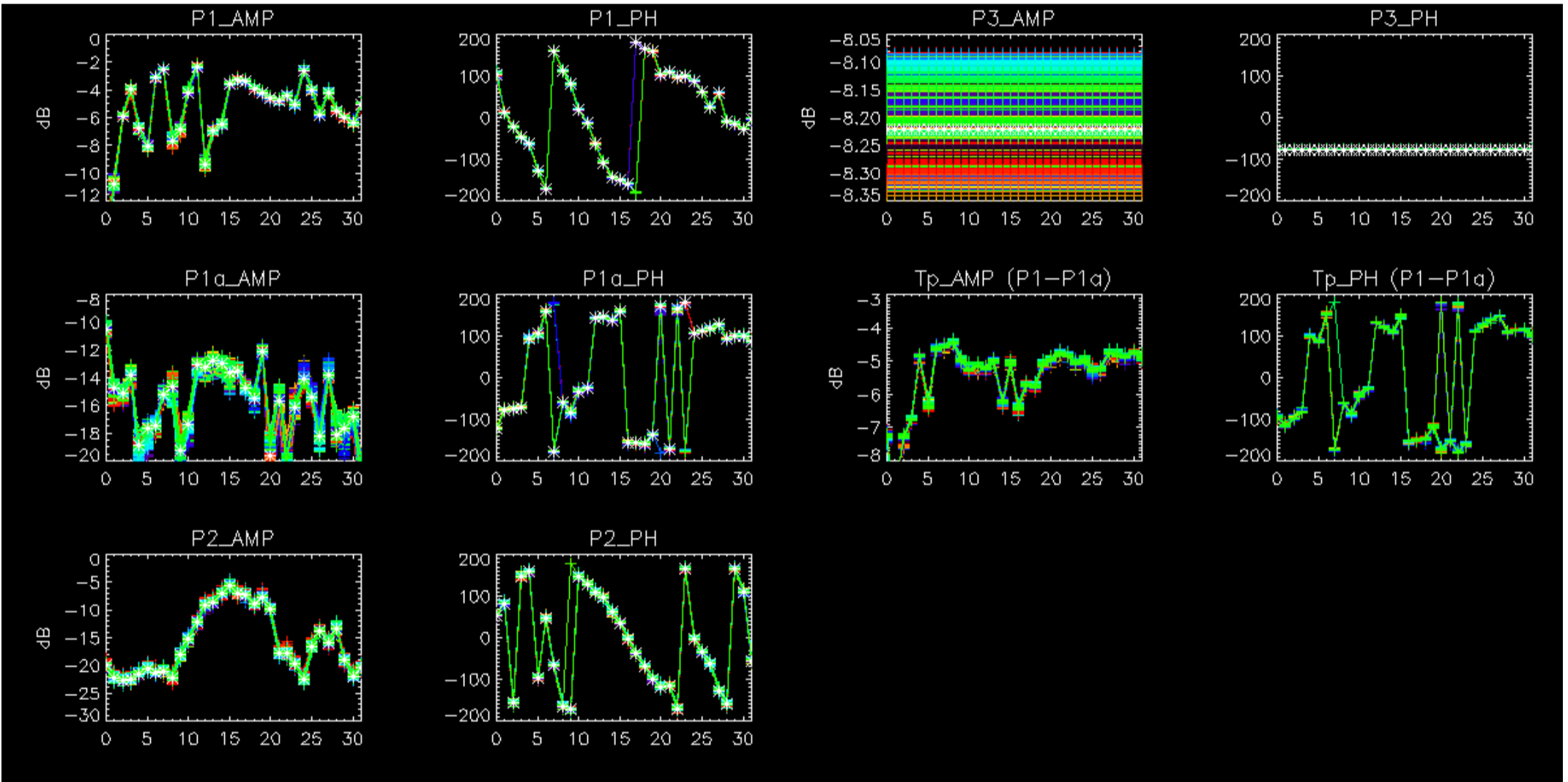
Calibration pulses for WVS IS2 V/V

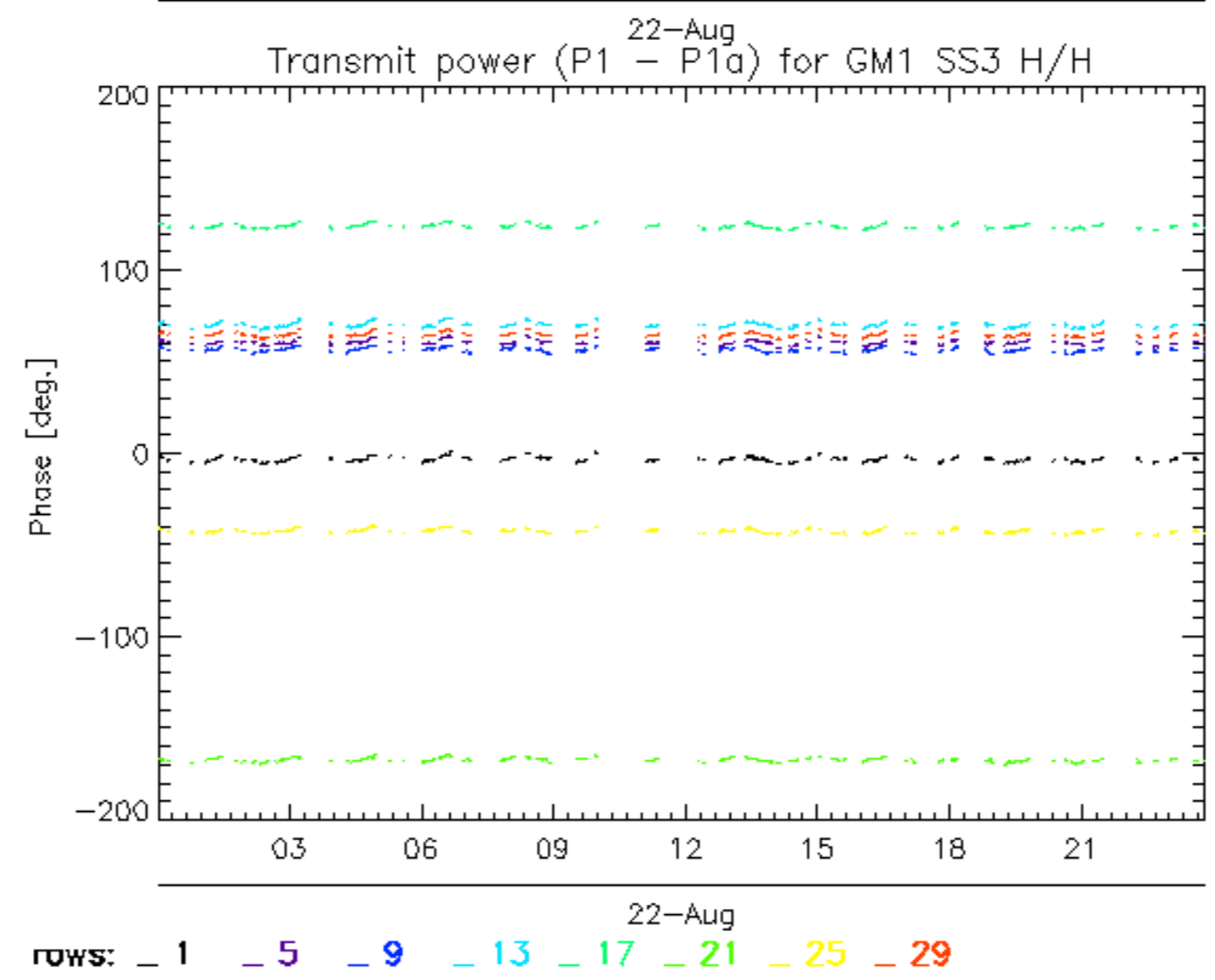
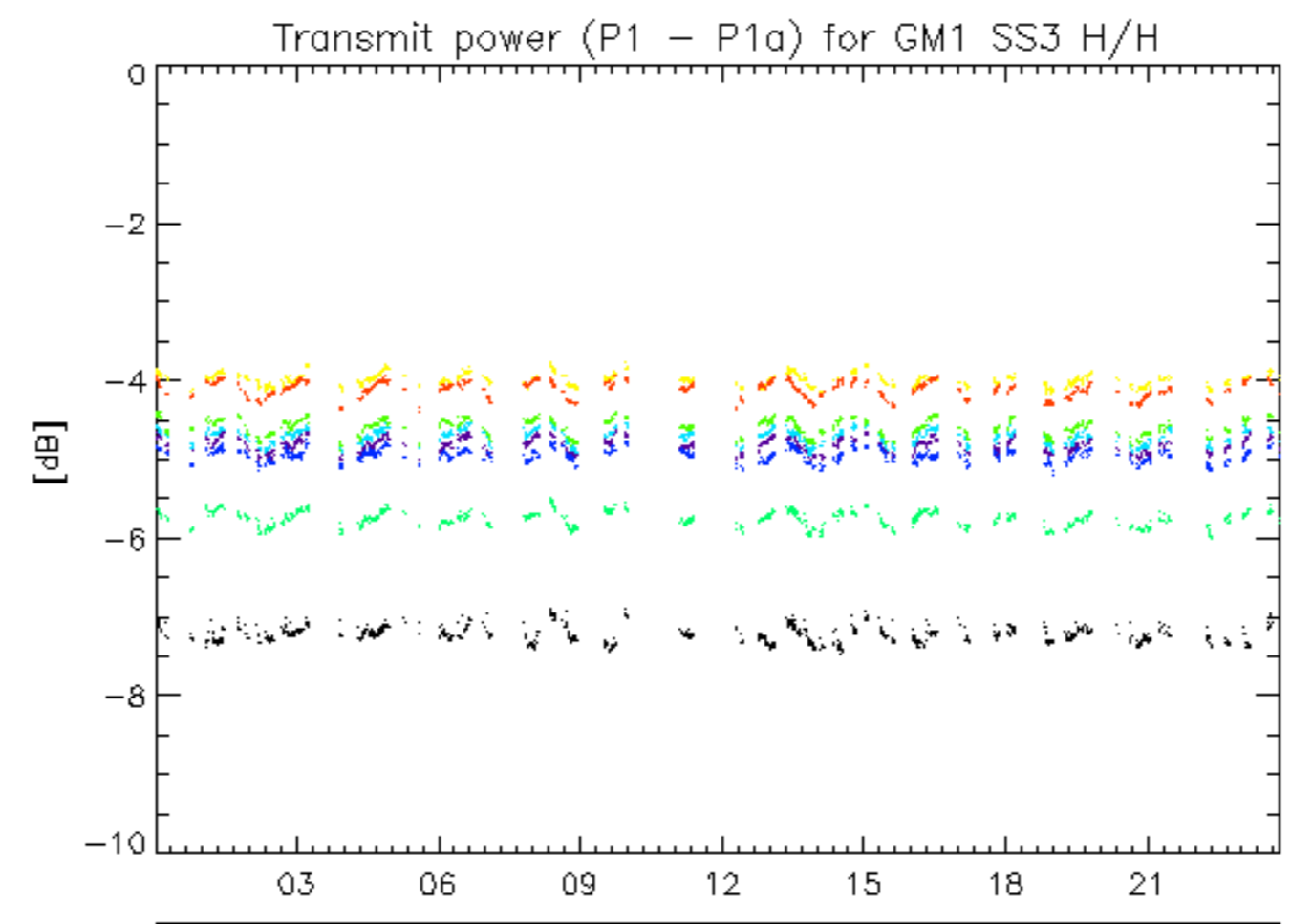


### Calibration pulses for WVS IS2 V/V

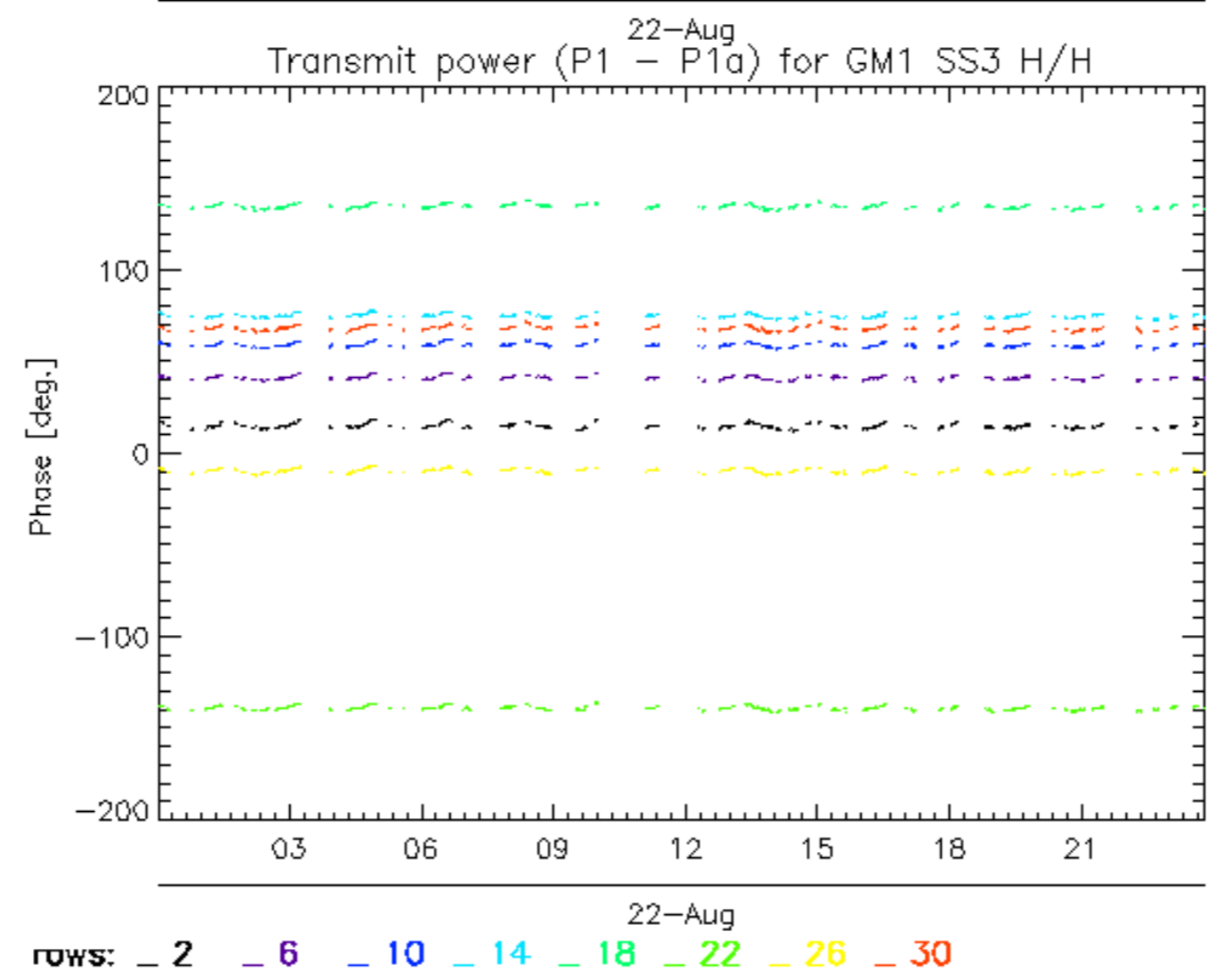
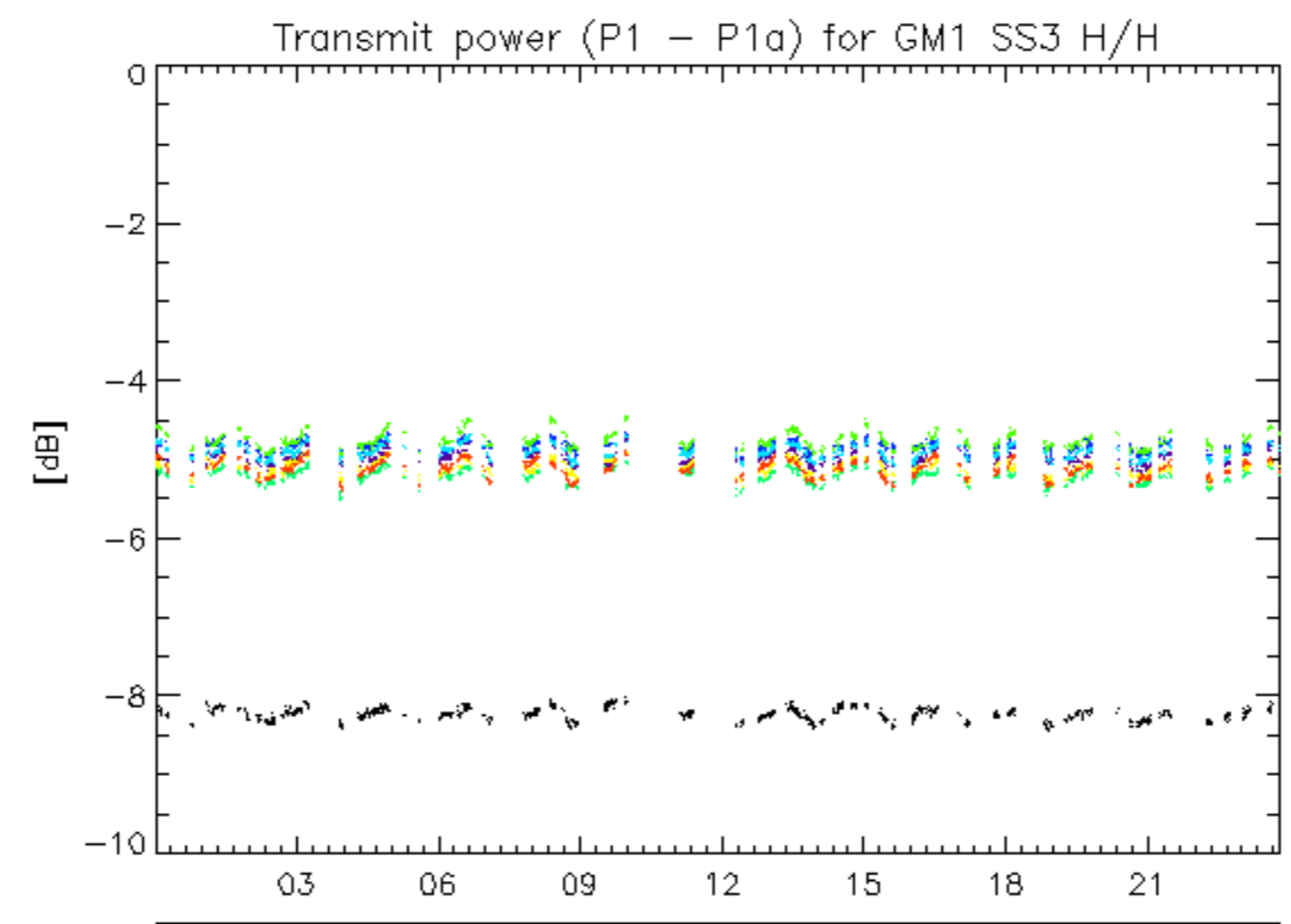


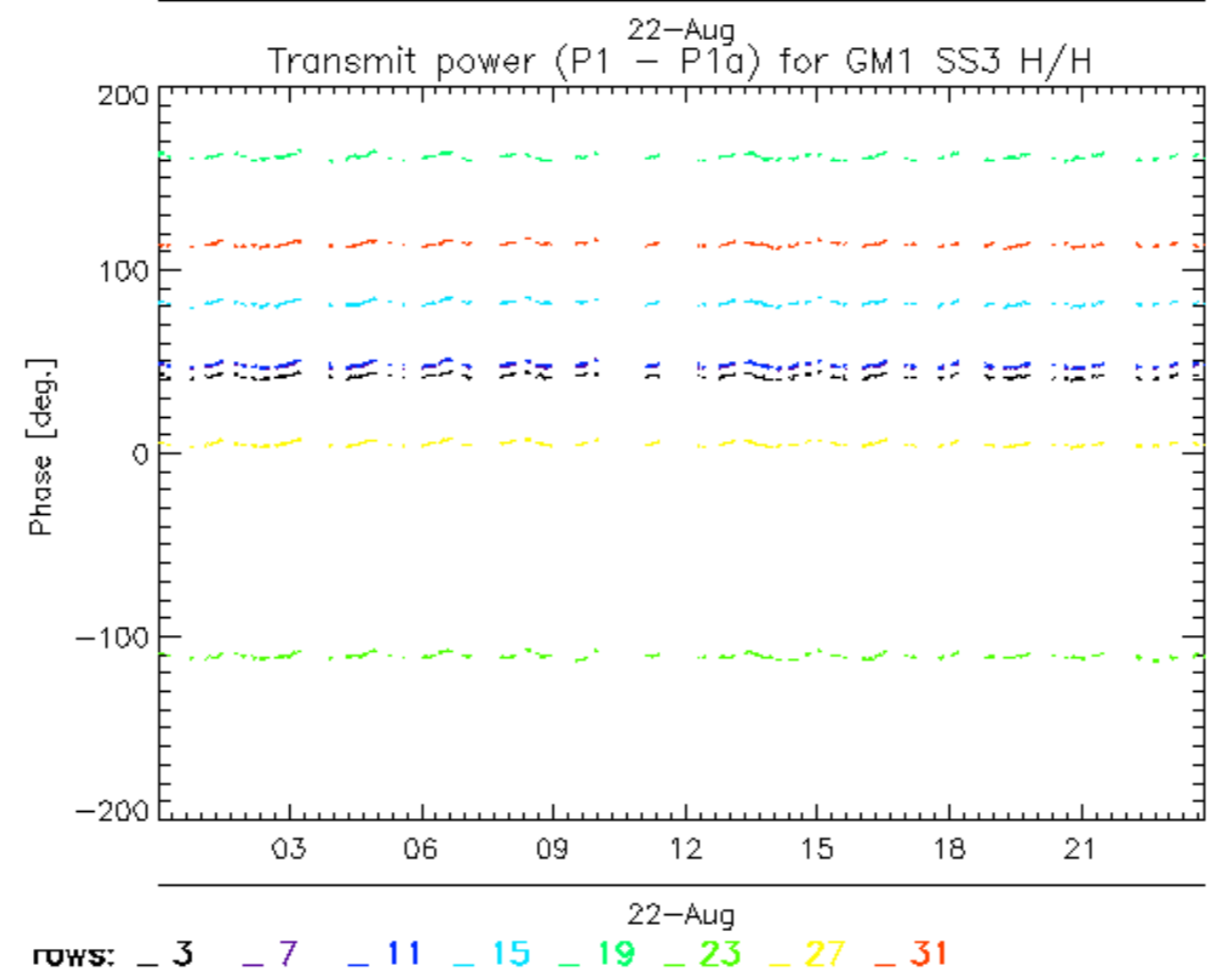
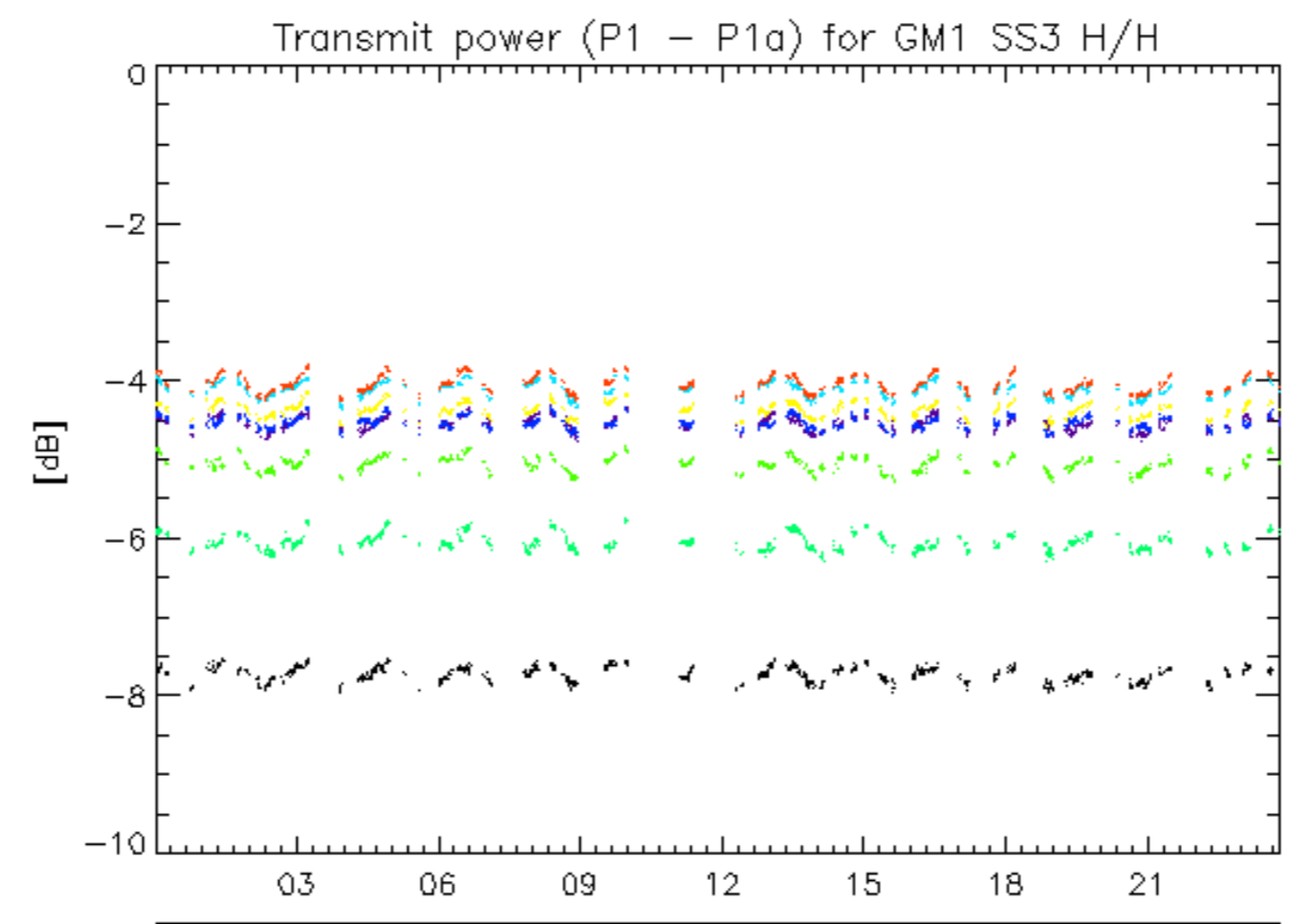


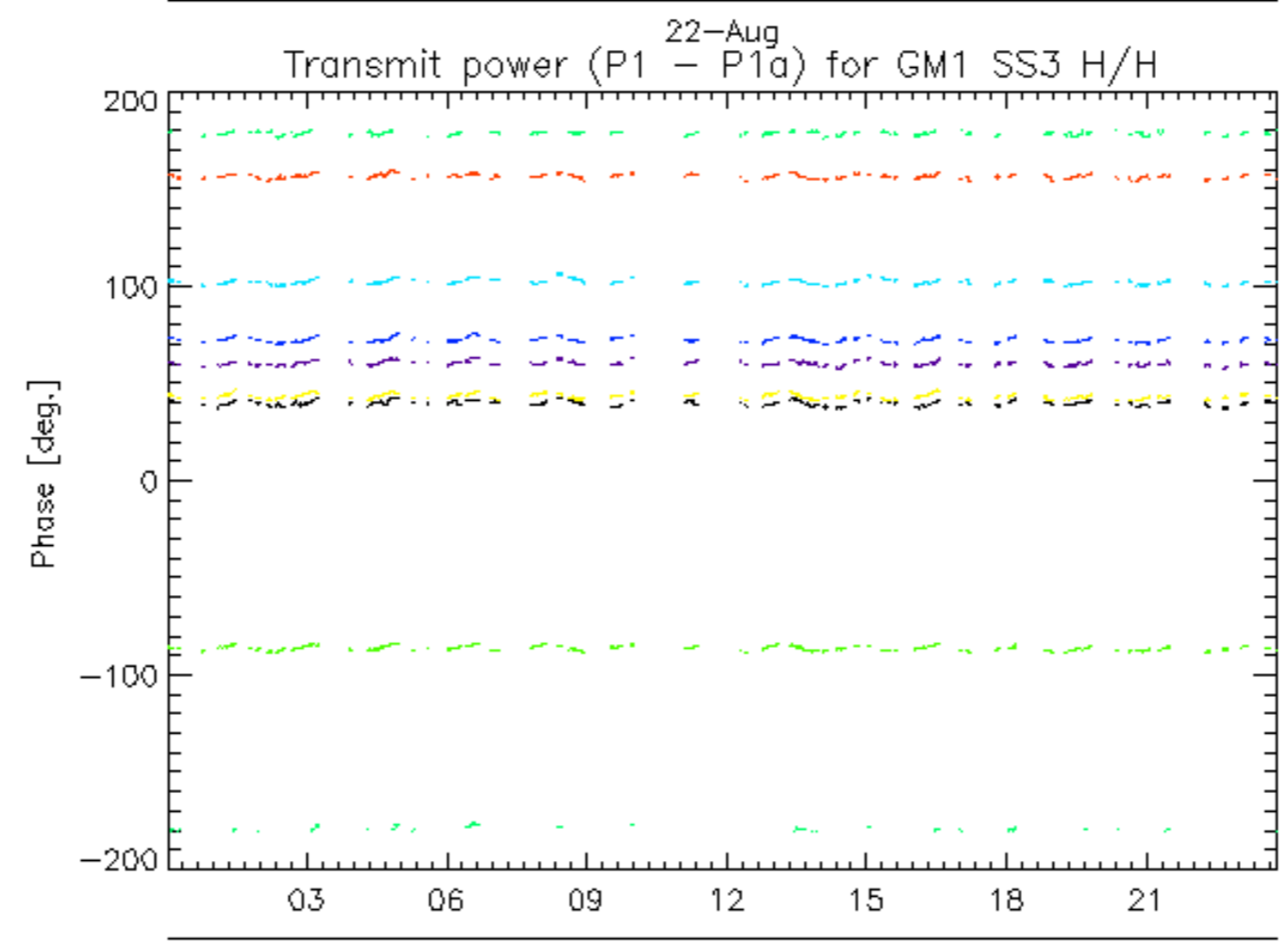
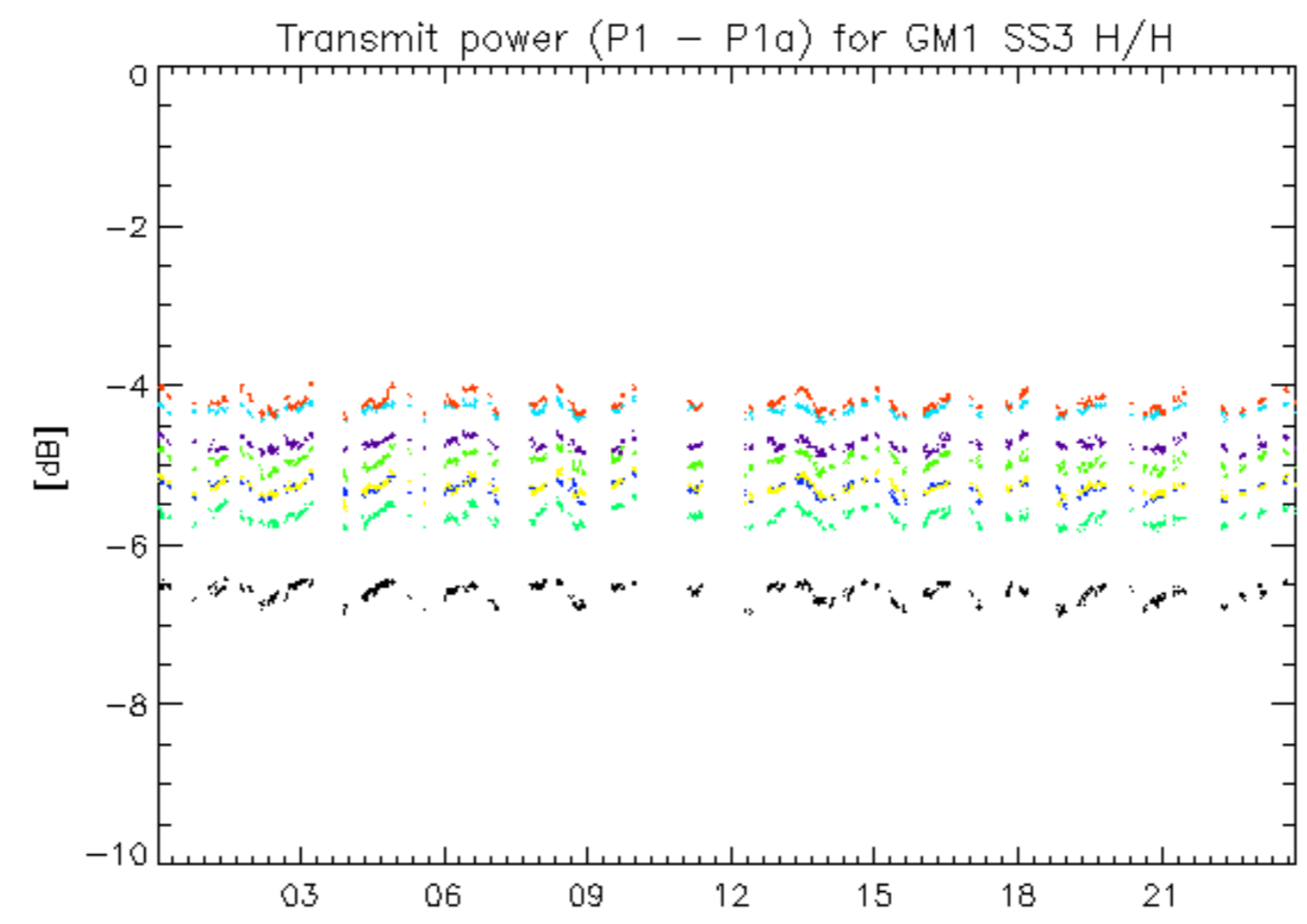




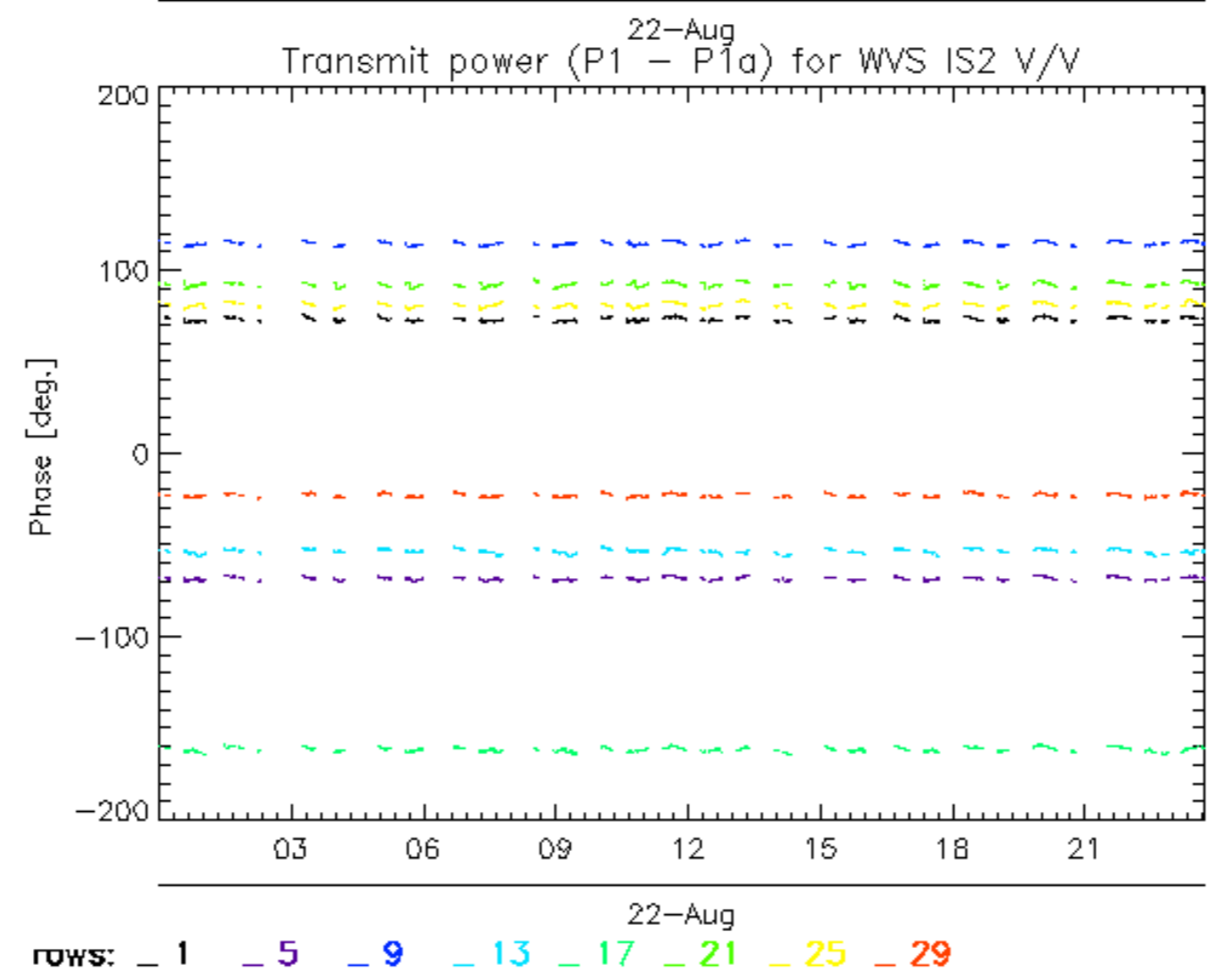
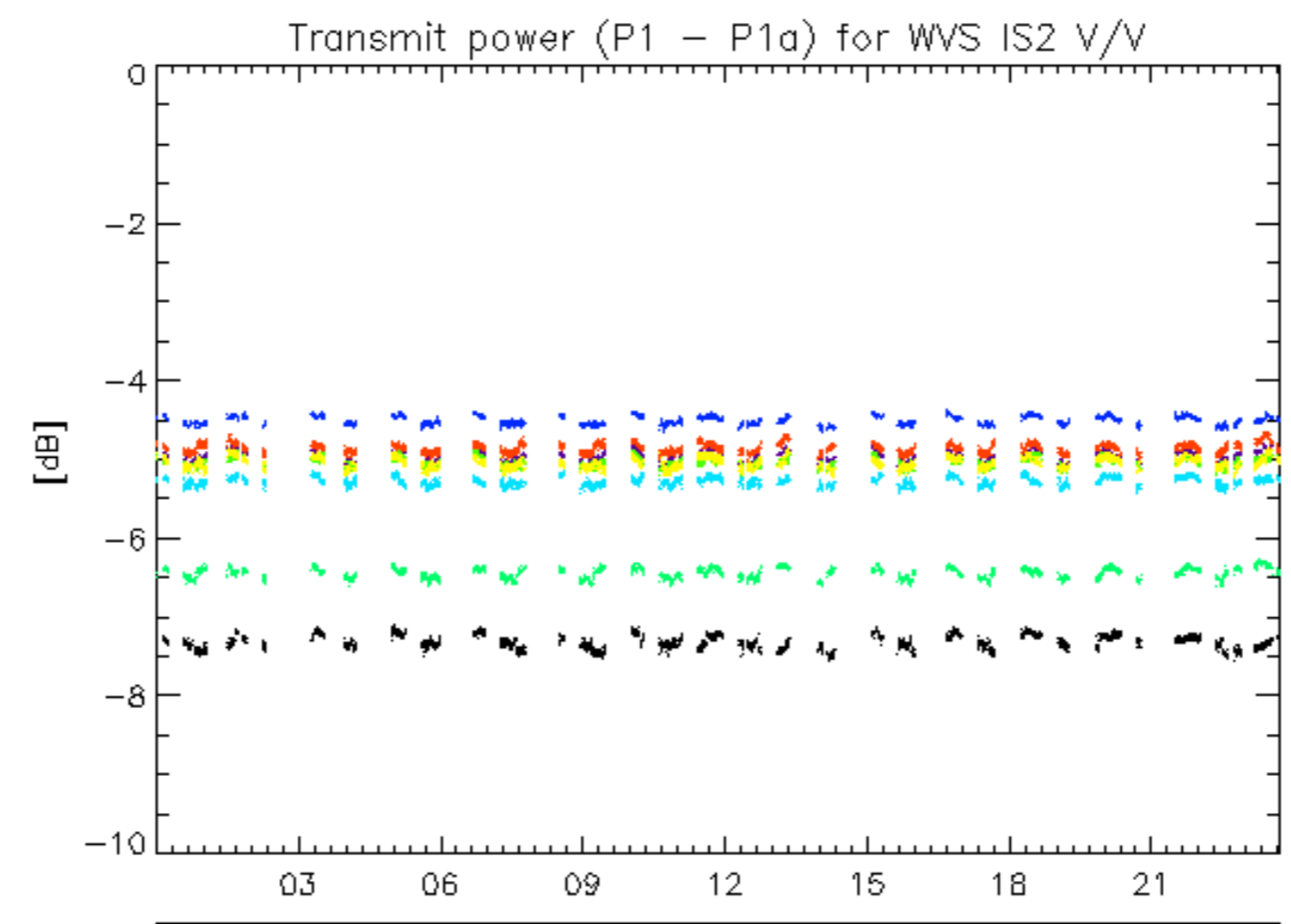


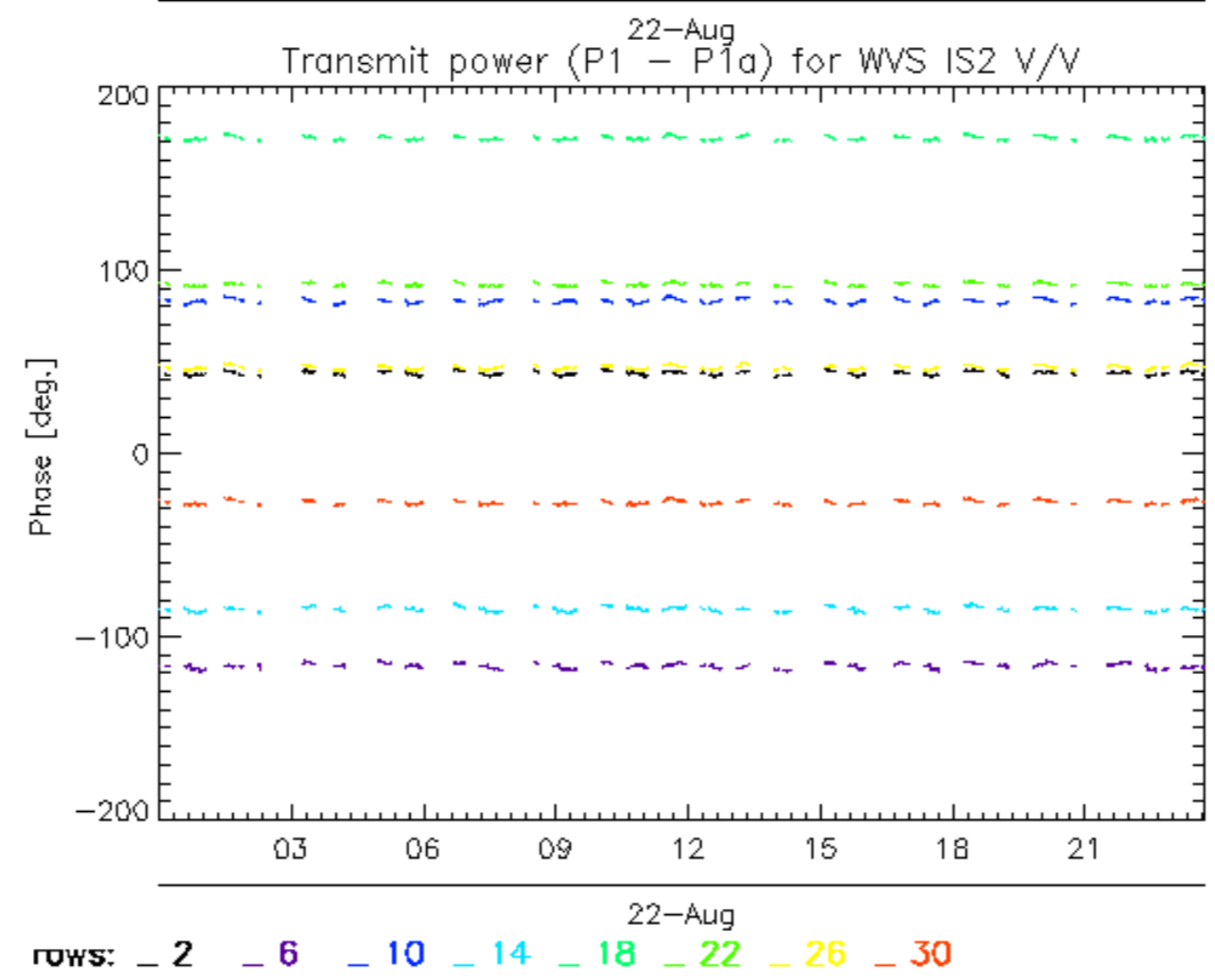
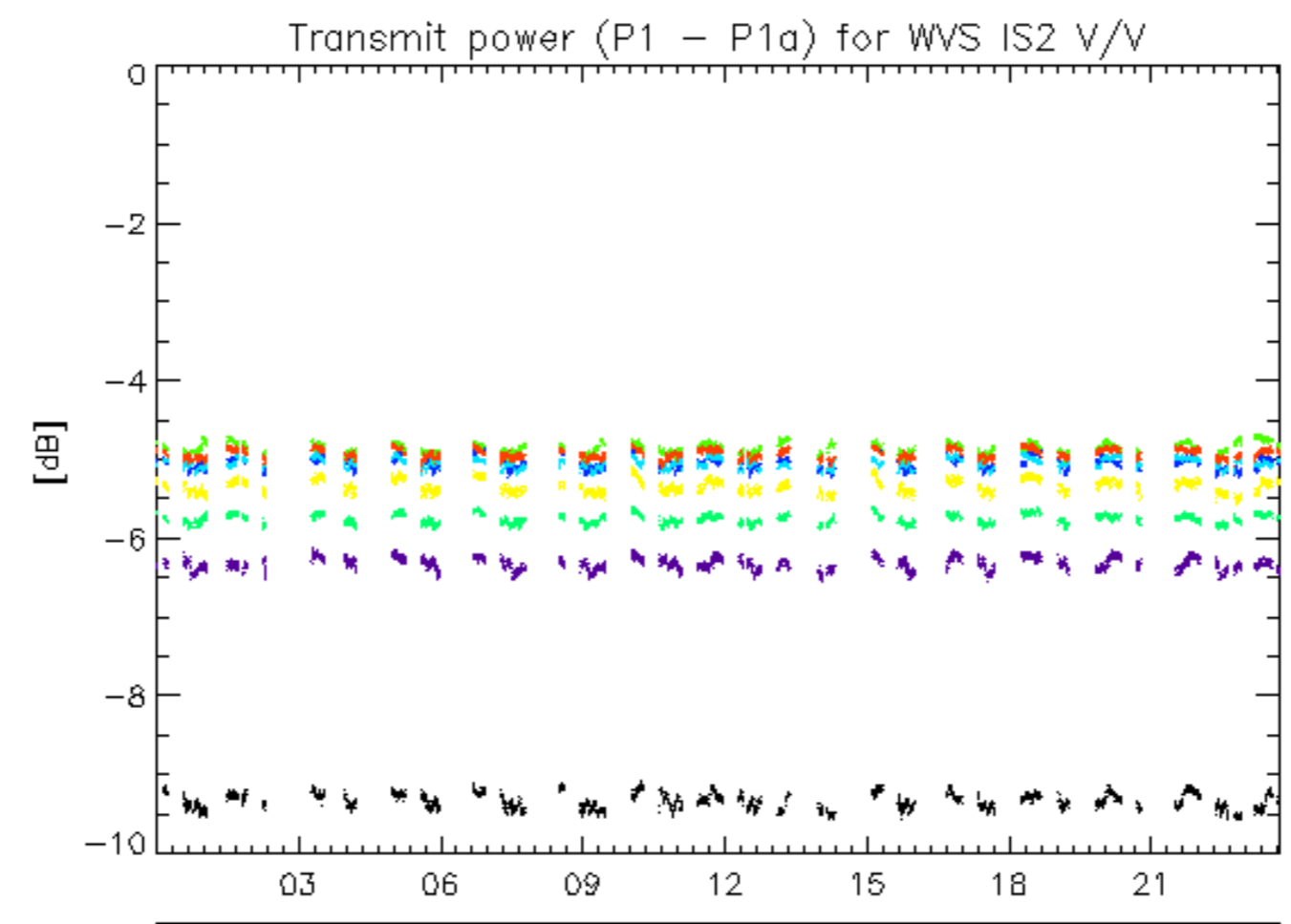


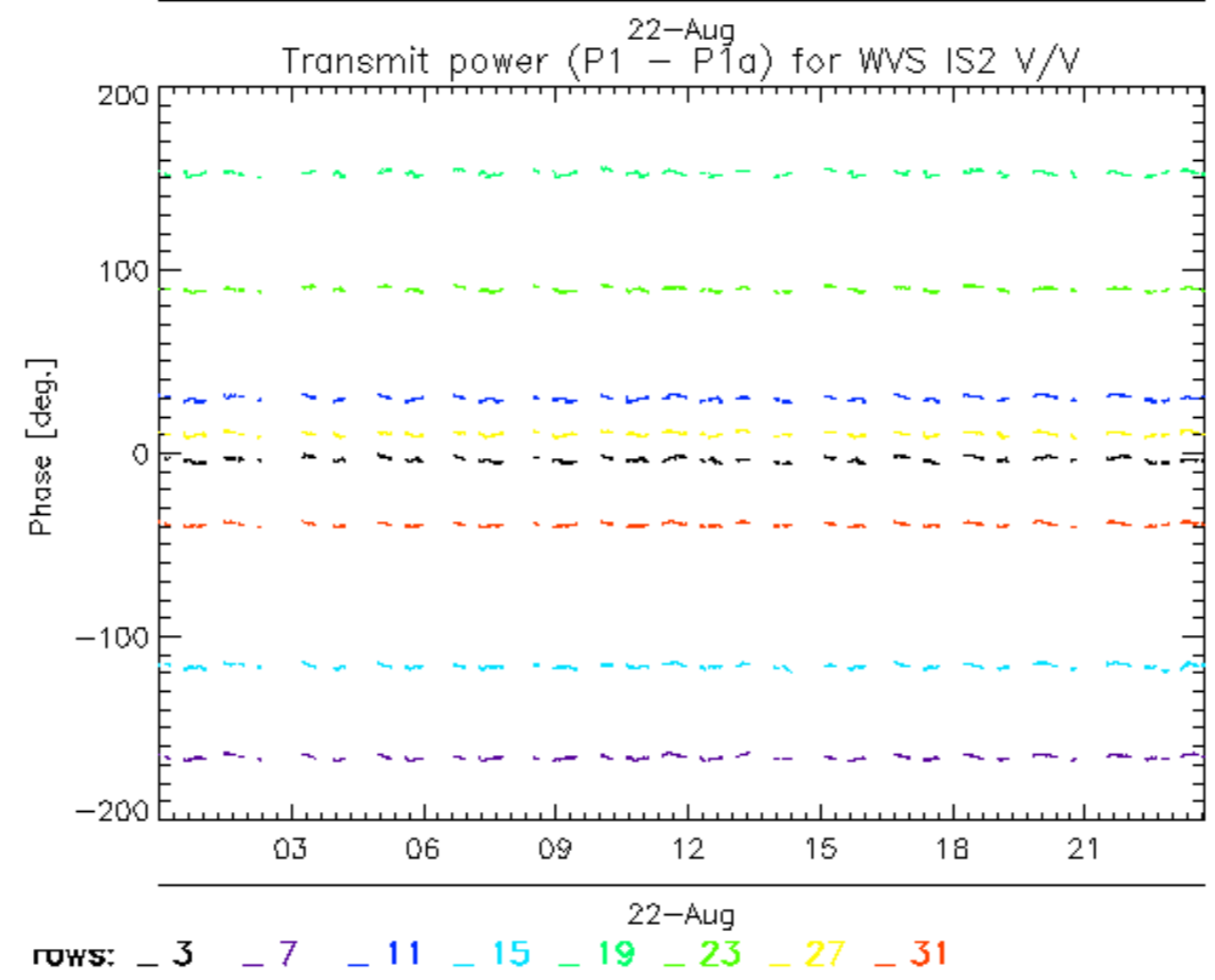
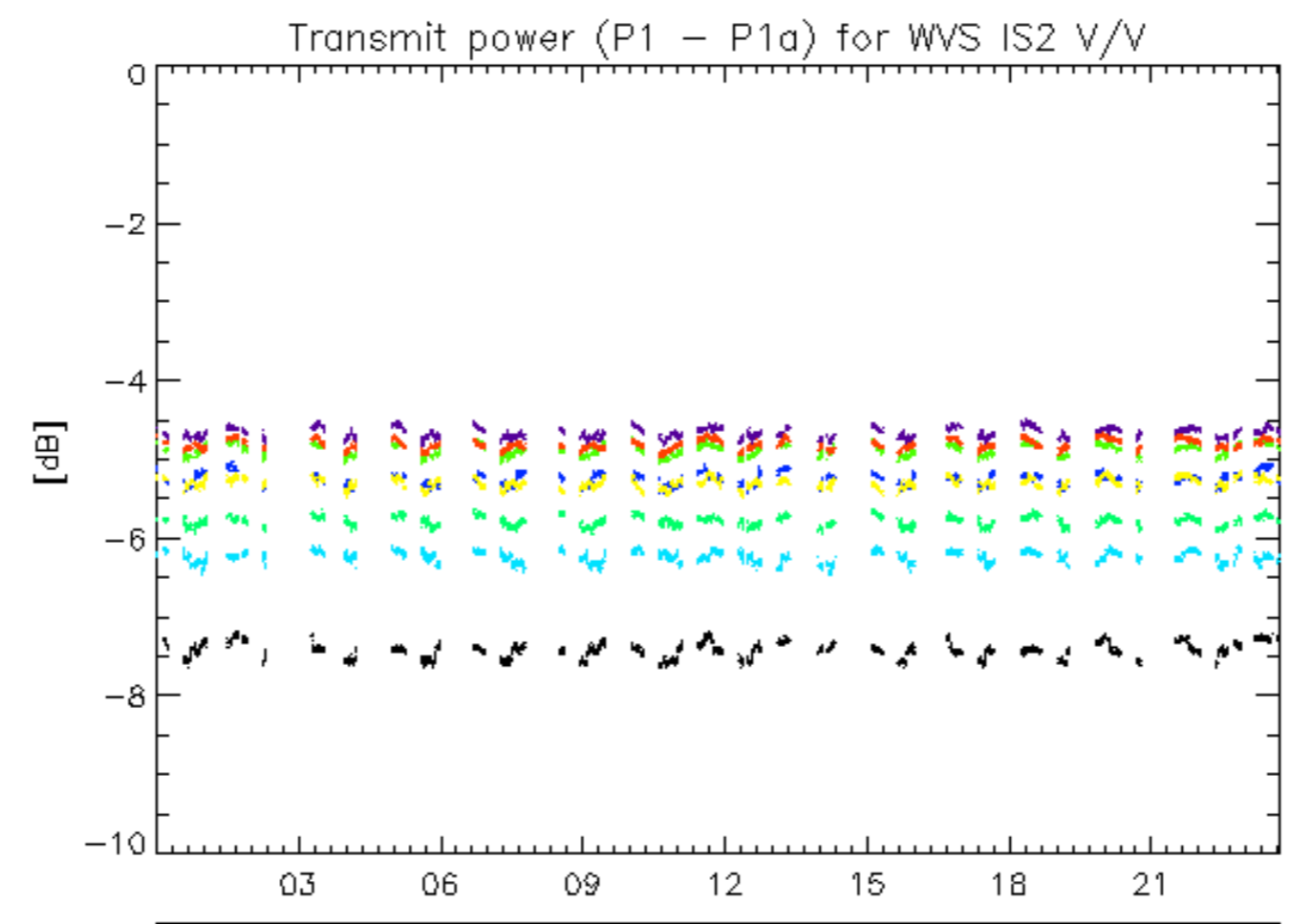


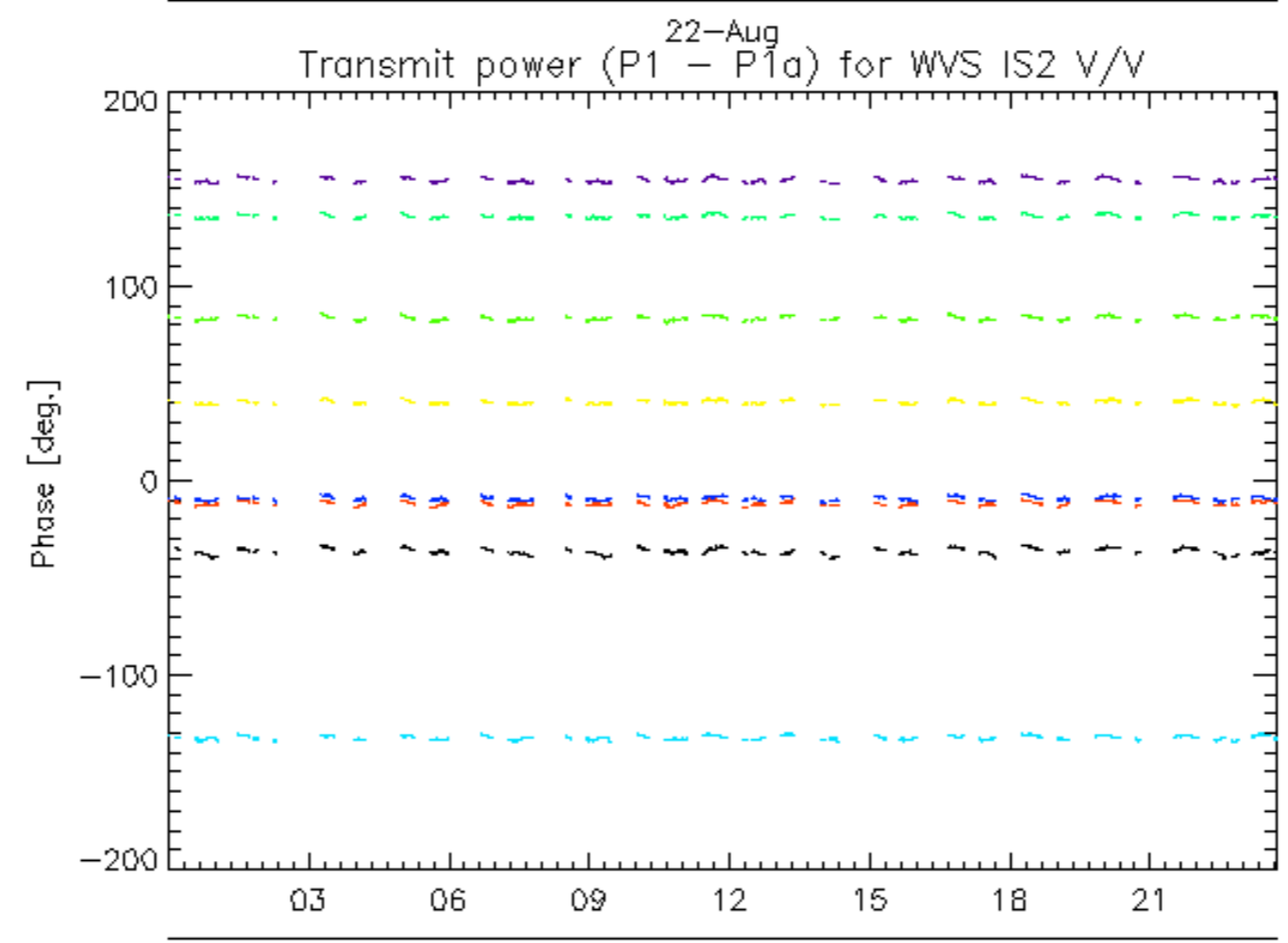
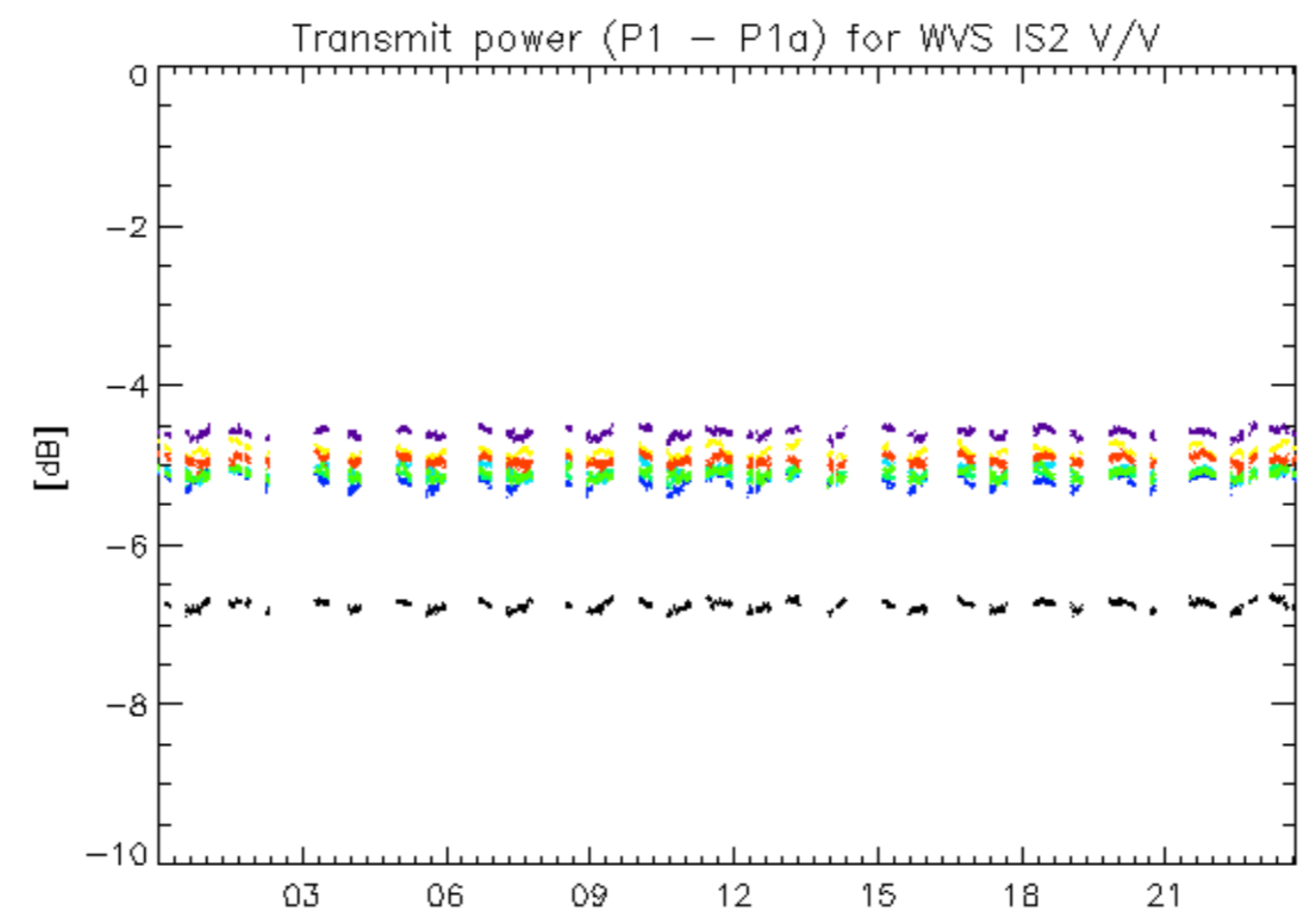


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rows: \_ 4 \_ 8 \_ 12 \_ 16 \_ 20 \_ 24 \_ 28 \_ 32

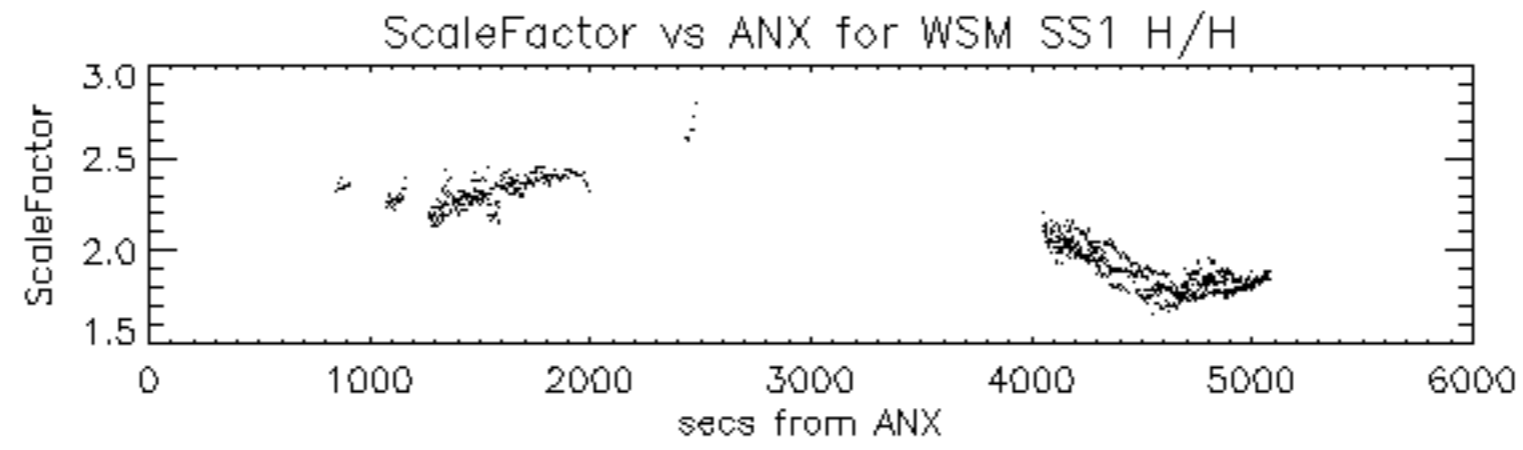




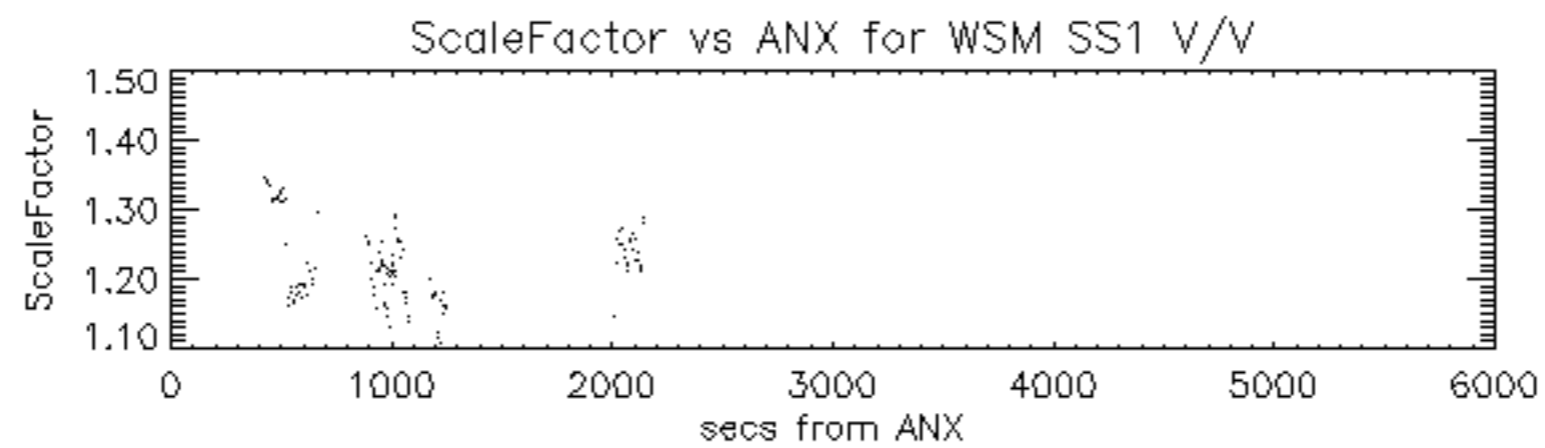


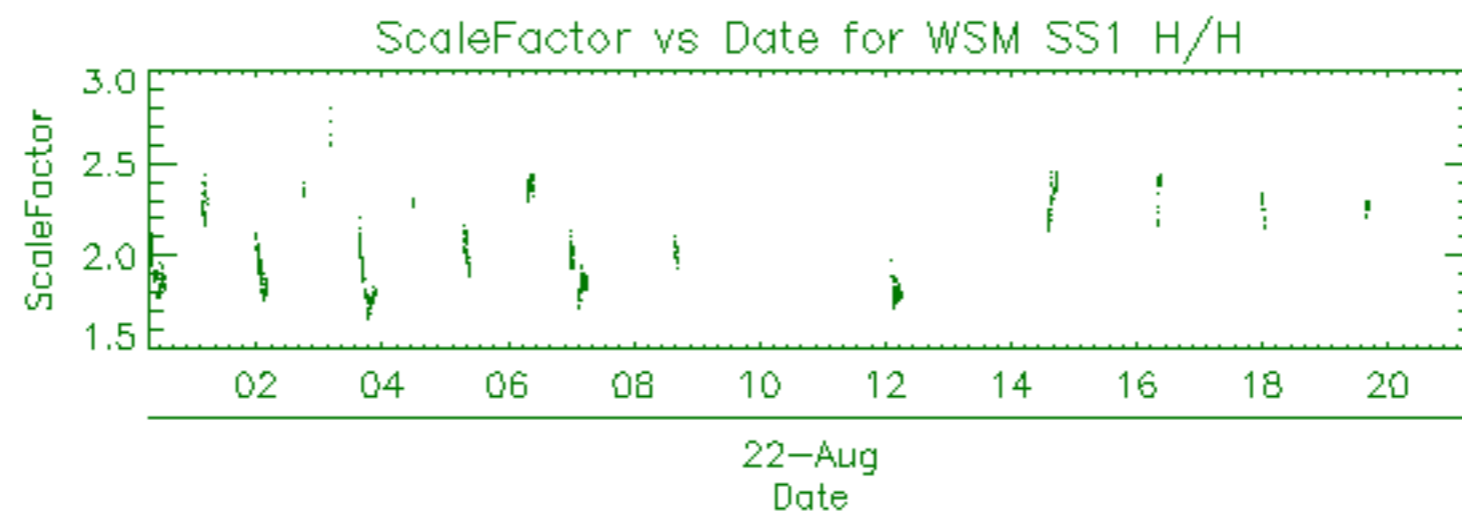


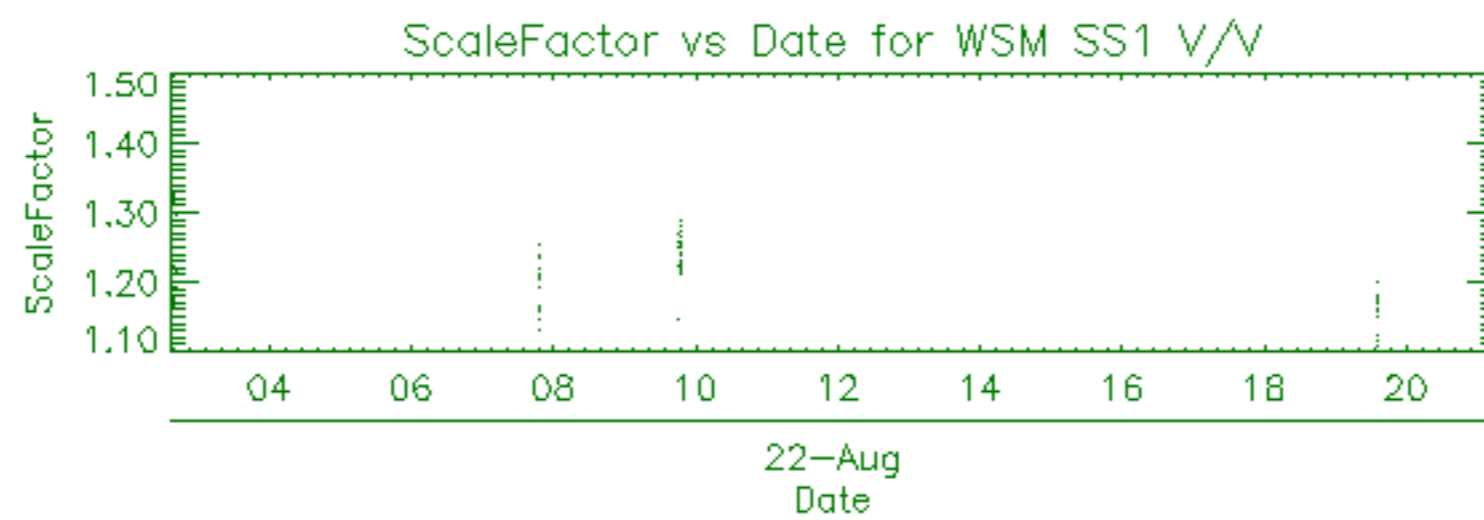
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20070822_045147_000000422061_00019_28630_6846.N1						IS2	H/H	61	28630	19	4.04
ASA_APM_1PNPDK20070822_193415_000000502061_00028_28639_5524.N1						IS4	H/H	61	28639	28	4.04
ASA_APM_1PNPDK20070822_211005_000000472061_00029_28640_5652.N1						IS3	H/H	61	28640	29	4.04



ASA_GM1_1PNPDK20070822_203730_000001932061_00028_28639_5628.N1	SS1	H/H	61	28639	28	4.04
ASA_GM1_1PNPDK20070822_204655_000010822061_00028_28639_5721.N1	SS1	H/H	61	28639	28	4.04
ASA_GM1_1PNPDE20070822_211457_000001572061_00029_28640_7447.N1	SS1	H/H	61	28640	29	4.04
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ASA_GM1_1PNPDE20070822_212701_000001872061_00029_28640_7459.N1	SS1	H/H	61	28640	29	4.04
ASA_GM1_1PNPDE20070822_221506_000003742061_00029_28640_7461.N1	SS1	H/H	61	28640	29	4.04
ASA_GM1_1PNPDE20070822_223809_000004222061_00030_28641_7573.N1	SS1	H/H	61	28641	30	4.04
ASA_GM1_1PNPDE20070822_230056_000005732061_00030_28641_7602.N1	SS1	H/H	61	28641	30	4.04
ASA_GM1_1PNPDE20070822_233315_000002112061_00030_28641_7592.N1	SS1	H/H	61	28641	30	4.04
ASA_GM1_1PNPDE20070822_233655_000000962061_00030_28641_7590.N1	SS1	H/H	61	28641	30	4.04
ASA_GM1_1PNPDE20070822_234704_000000782061_00030_28641_7604.N1	SS1	H/H	61	28641	30	4.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20070822_025038_000000372061_00018_28629_6703.N1						IS2	V/V	61	28629	18	4.04
ASA_IMM_1PNPDE20070822_030821_000000802061_00018_28629_6742.N1						IS2	V/V	61	28629	18	4.04
ASA_IMM_1PNPDE20070822_060325_000000352061_00020_28631_7014.N1						IS6	V/V	61	28631	20	4.04
ASA_IMM_1PNPDE20070822_062939_000000932061_00020_28631_7020.N1						IS2	V/V	61	28631	20	4.04
ASA_IMM_1PNPDK20070822_094231_000000362061_00022_28633_4864.N1						IS2	V/V	61	28633	22	4.04
ASA_IMM_1PNPDK20070822_094845_000000802061_00022_28633_4888.N1						IS2	V/V	61	28633	22	4.04
ASA_IMM_1PNPDK20070822_123947_000000352061_00024_28635_5093.N1						IS5	H/H	61	28635	24	4.04
ASA_IMM_1PNPDK20070822_161648_000000822061_00026_28637_5365.N1						IS2	H/H	61	28637	26	4.04
ASA_IMM_1PNPDK20070822_175252_0000003532061_00027_28638_5484.N1						IS2	V/V	61	28638	27	4.04
ASA_IMM_1PNPDK20070822_210831_000000832061_00029_28640_5719.N1						IS2	V/V	61	28640	29	4.04
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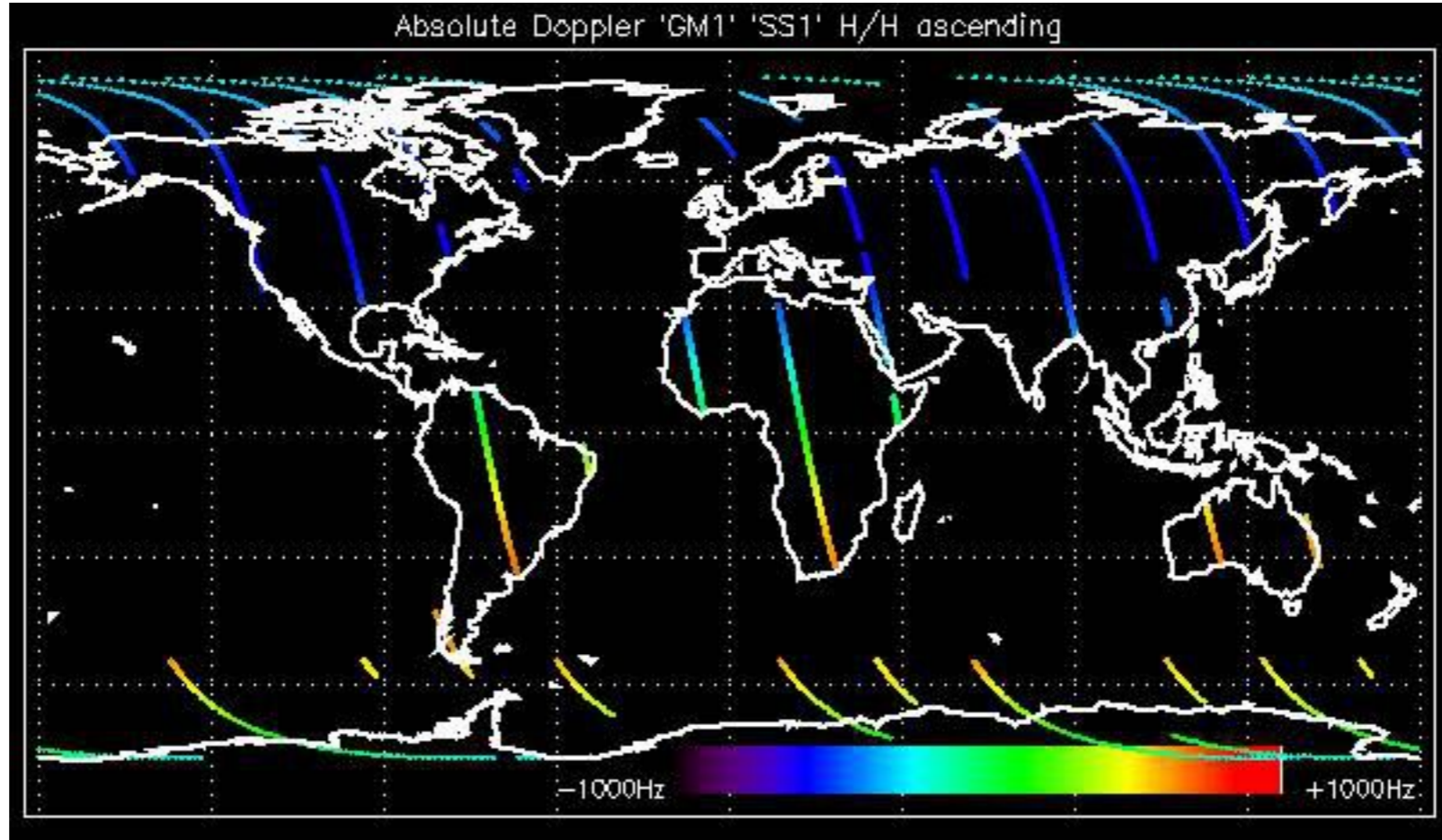
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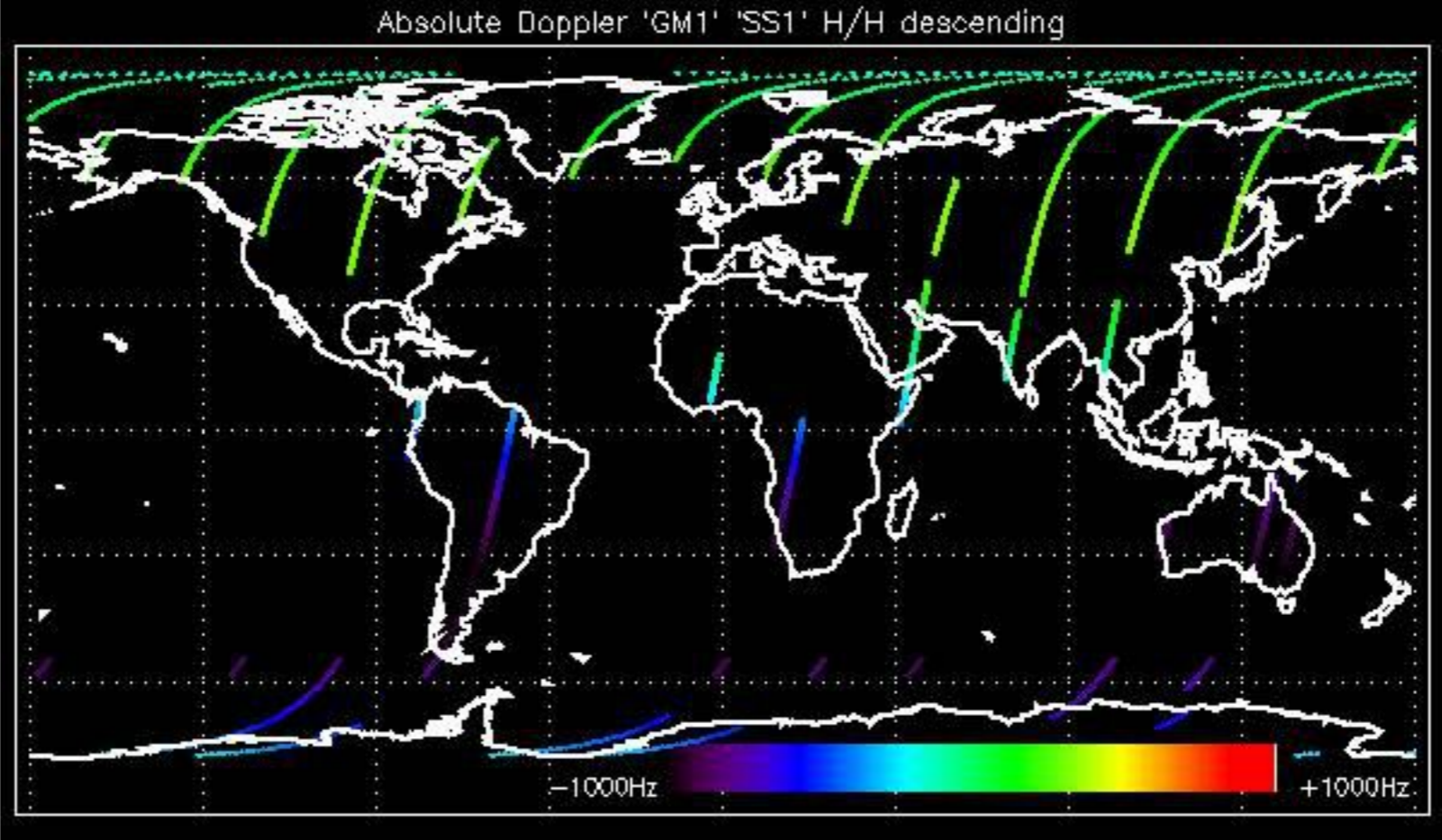


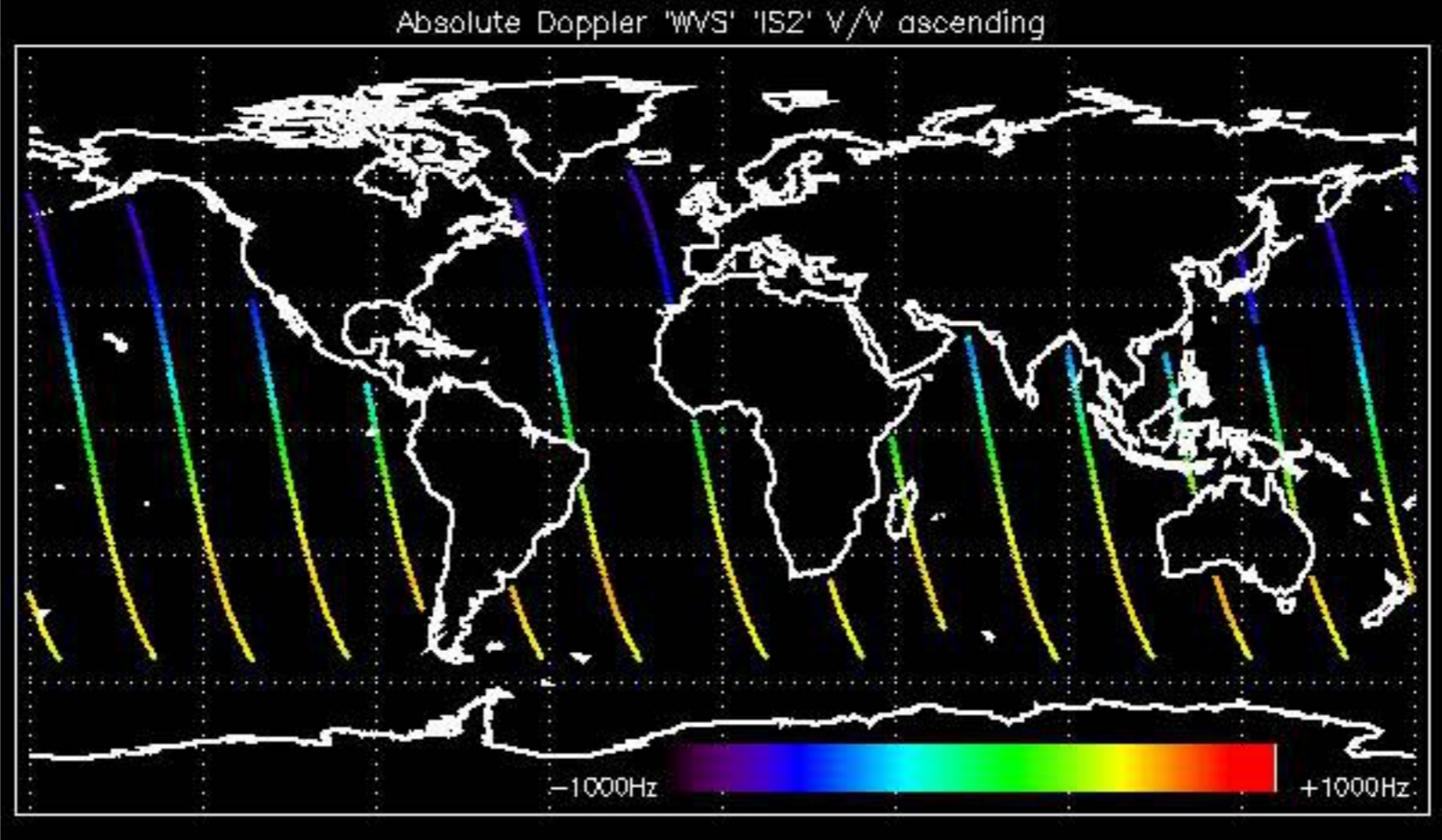


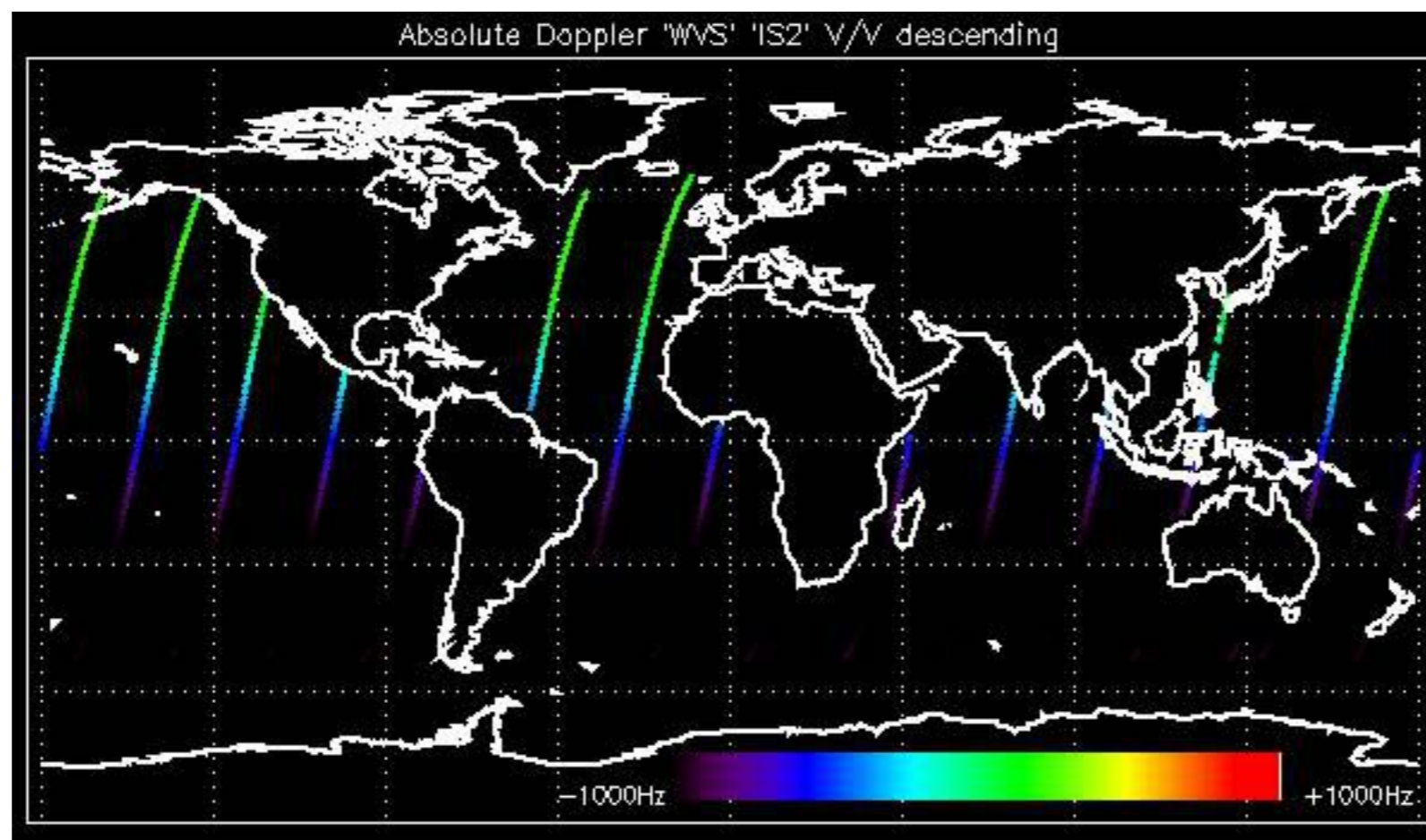
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ASA_WSM_1PNPDE20070822_010702_000001032061_00017_28628_6672.N1						SS1	H/H	61	28628	17	4.04
ASA_WSM_1PNPDE20070822_011021_000001152061_00017_28628_6674.N1						SS1	H/H	61	28628	17	4.04
ASA_WSM_1PNPDE20070822_015952_000004282061_00017_28628_6808.N1						SS1	H/H	61	28628	17	4.04
ASA_WSM_1PNPDE20070822_020720_000001472061_00017_28628_6701.N1						SS1	H/H	61	28628	17	4.04
ASA_WSM_1PNPDE20070822_023651_000002442061_00018_28629_6814.N1						SS1	V/V	61	28629	18	4.04
ASA_WSM_1PNPDE20070822_024346_000000862061_00018_28629_6812.N1						SS1	H/H	61	28629	18	4.04
ASA_WSM_1PNPDE20070822_031017_000000672061_00018_28629_6705.N1						SS1	H/H	61	28629	18	4.04
ASA_WSM_1PNPDE20070822_033719_000003972061_00018_28629_6844.N1						SS1	H/H	61	28629	18	4.04
ASA_WSM_1PNPDE20070822_034456_000005022061_00018_28629_7000.N1						SS1	H/H	61	28629	18	4.04
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ASA_WSM_1PNPDE20070822_051755_000003242061_00019_28630_7012.N1						SS1	H/H	61	28630	19	4.04
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ASA_WSM_1PNPDK20070822_193518_000000852061_00028_28639_5611.N1						SS1	V/V	61	28639	28	4.04
ASA_WSM_1PNPDK20070822_193901_000001282061_00028_28639_5609.N1						SS1	H/H	61	28639	28	4.04
ASA_WSM_1PNPDK20070822_211106_000002192061_00029_28640_5744.N1						SS1	V/V	61	28640	29	4.04
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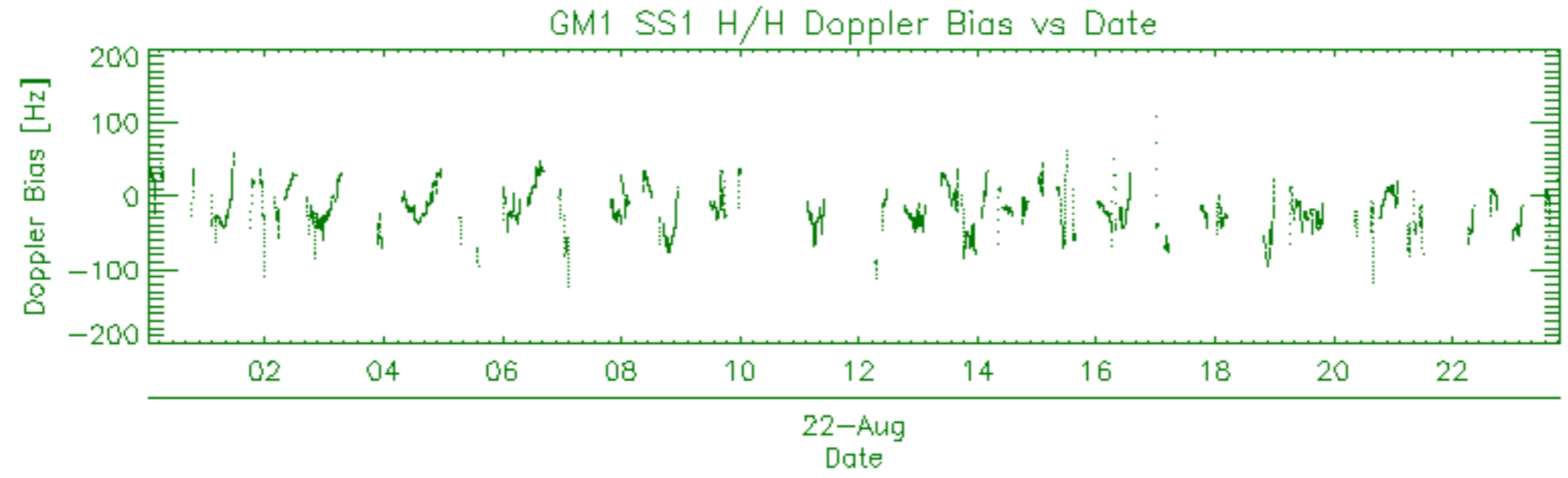
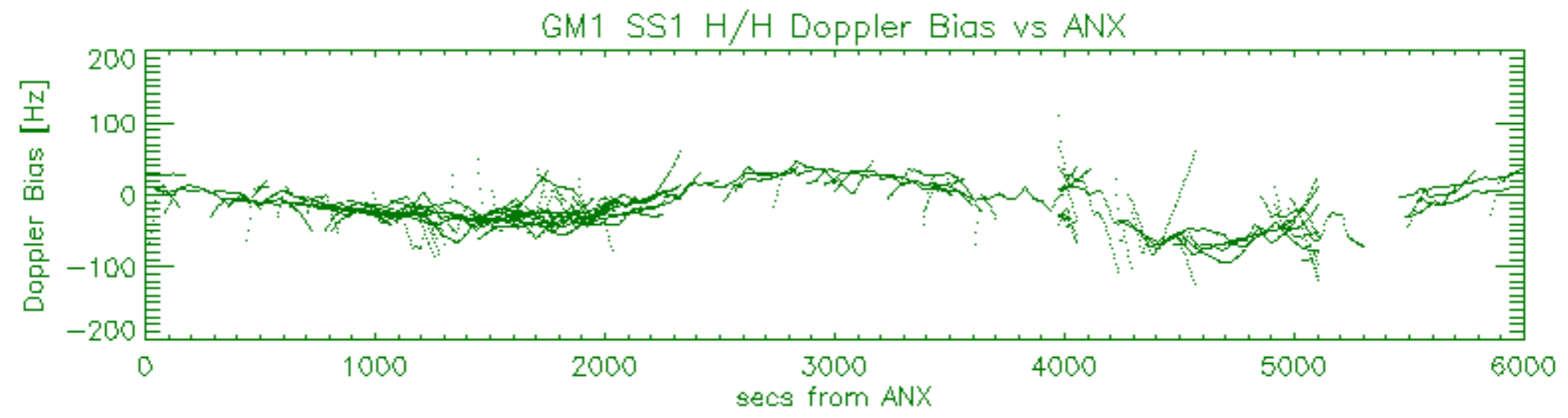
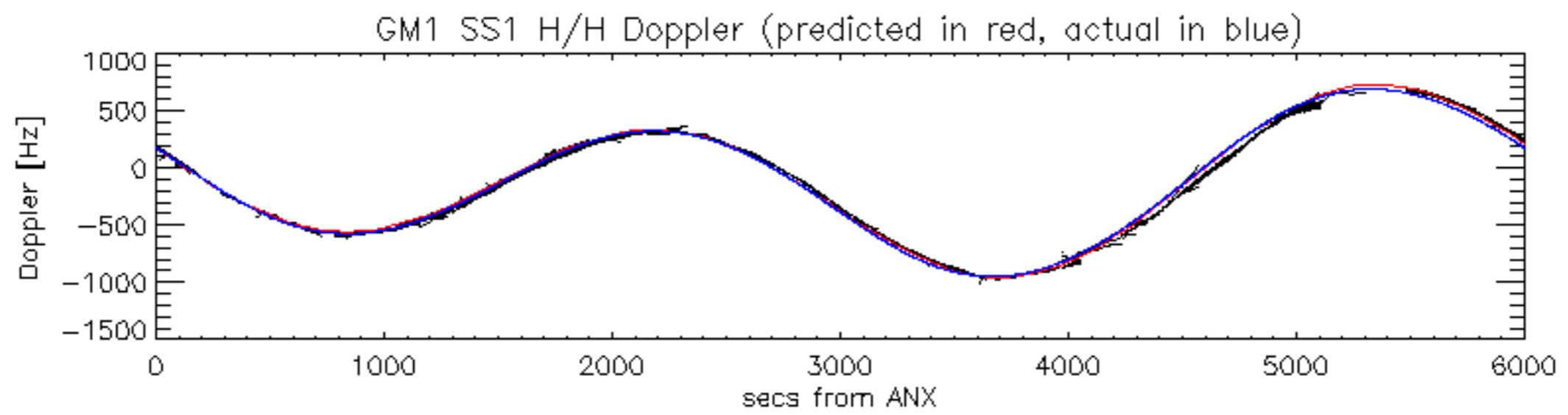
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ASA_WVS_1PNPDE20070822_003657_000004942061_00016_28627_6557.N1						IS2	V/V	61	28627	16	4.04
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ASA_WVS_1PNPDE20070822_012951_000008772061_00017_28628_6577.N1						IS2	V/V	61	28628	17	4.04
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ASA_WVS_1PNPDE20070822_021412_000000292061_00017_28628_6587.N1						IS1	V/V	61	28628	17	4.04
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ASA_WVS_1PNPDK20070822_194940_000018742061_00028_28639_5633.N1						IS2	V/V	61	28639	28	4.04
ASA_WVS_1PNPDK20070822_204047_000003152061_00028_28639_5645.N1						IS2	V/V	61	28639	28	4.04
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ASA_WVS_1PNPDE20070822_224515_000005392061_00030_28641_7579.N1						IS2	V/V	61	28641	30	4.04
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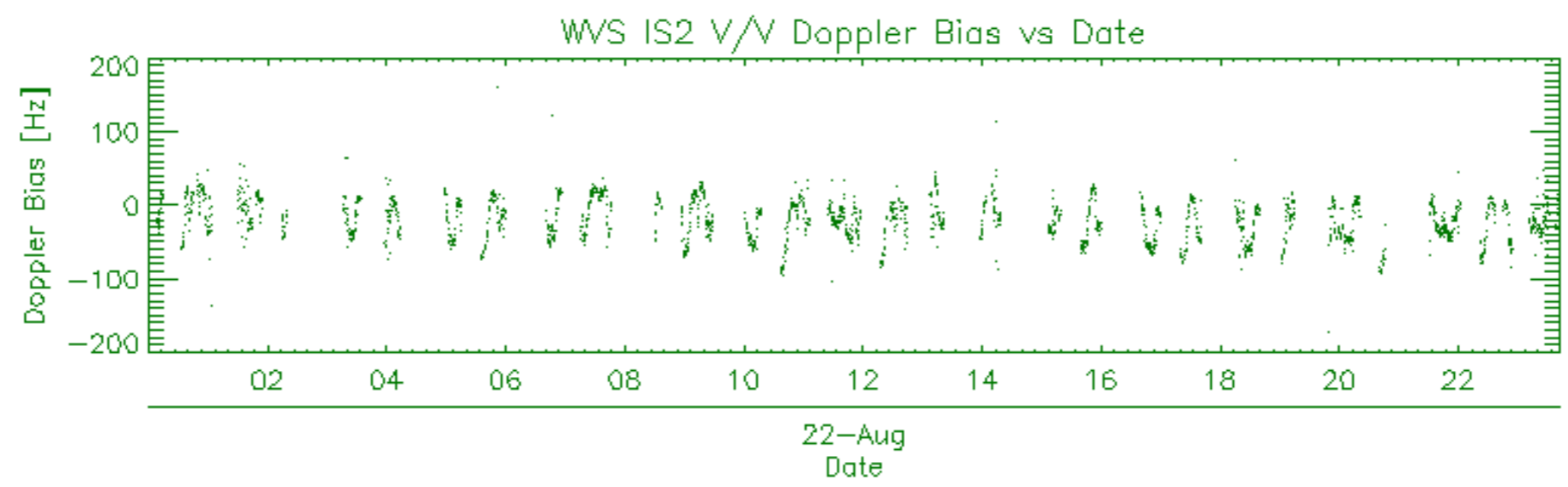
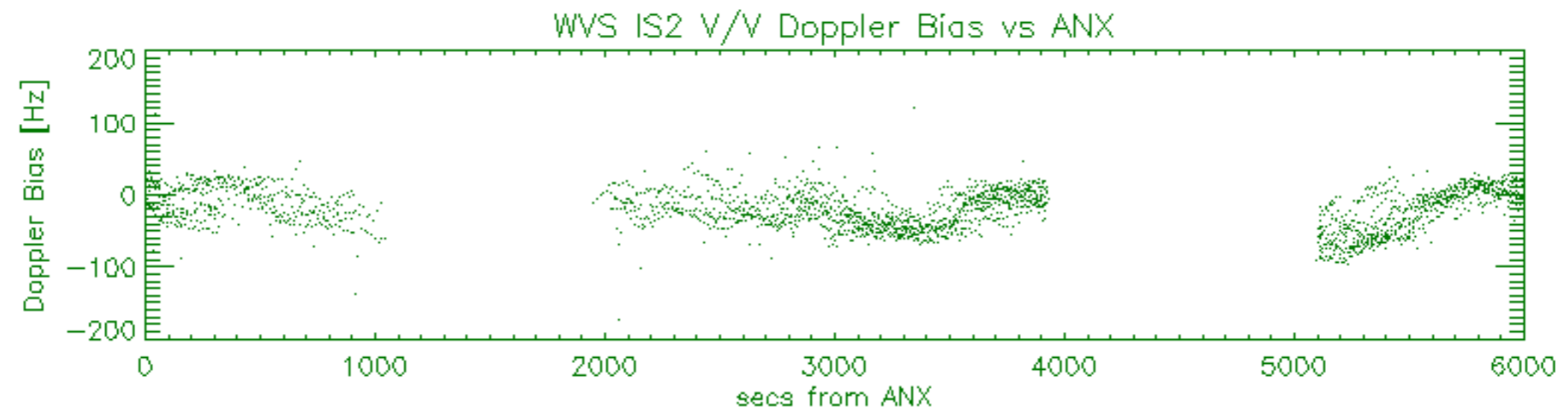
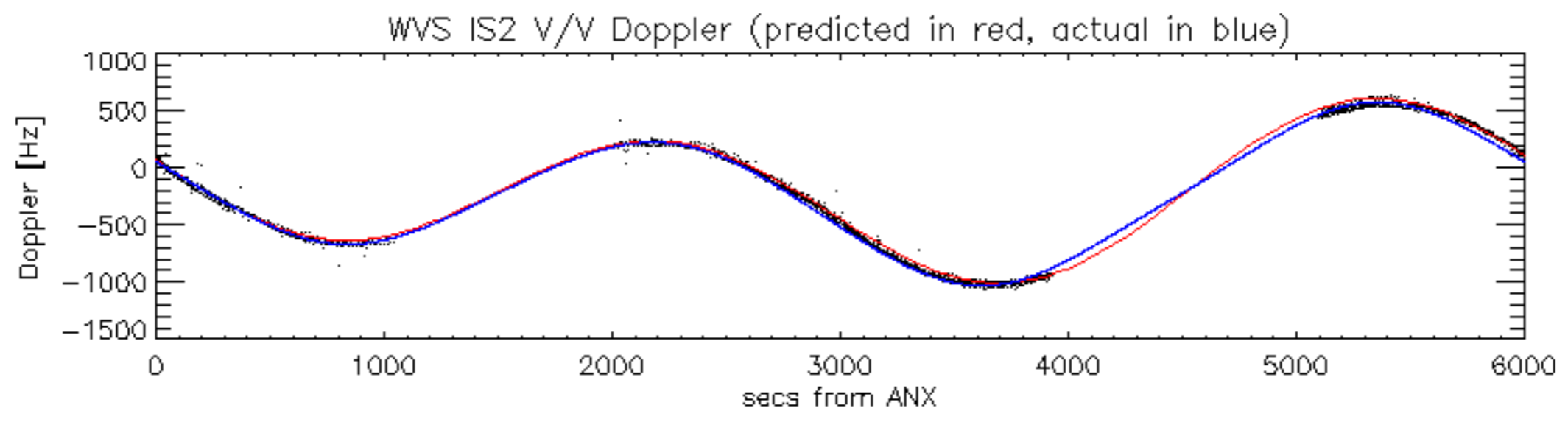




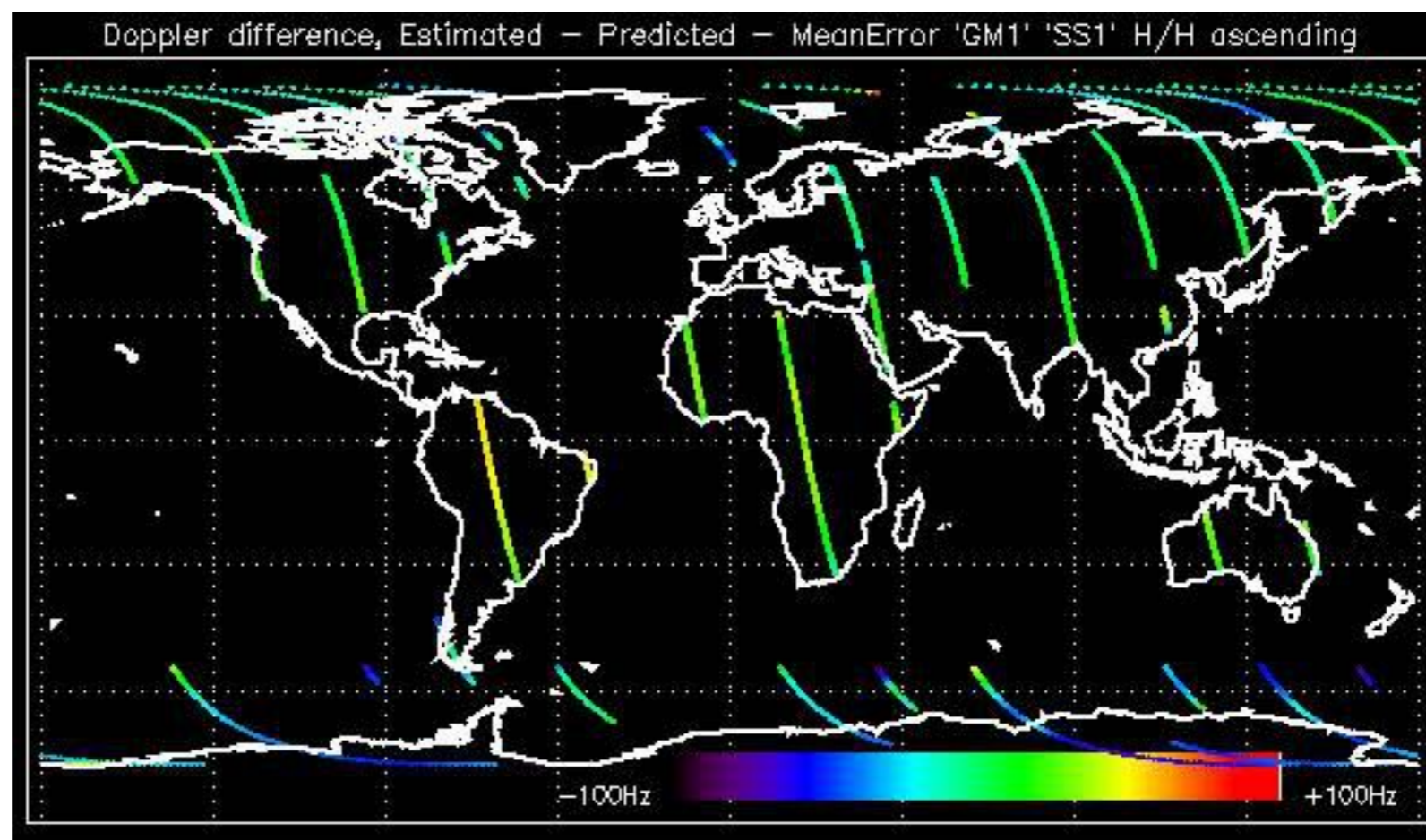


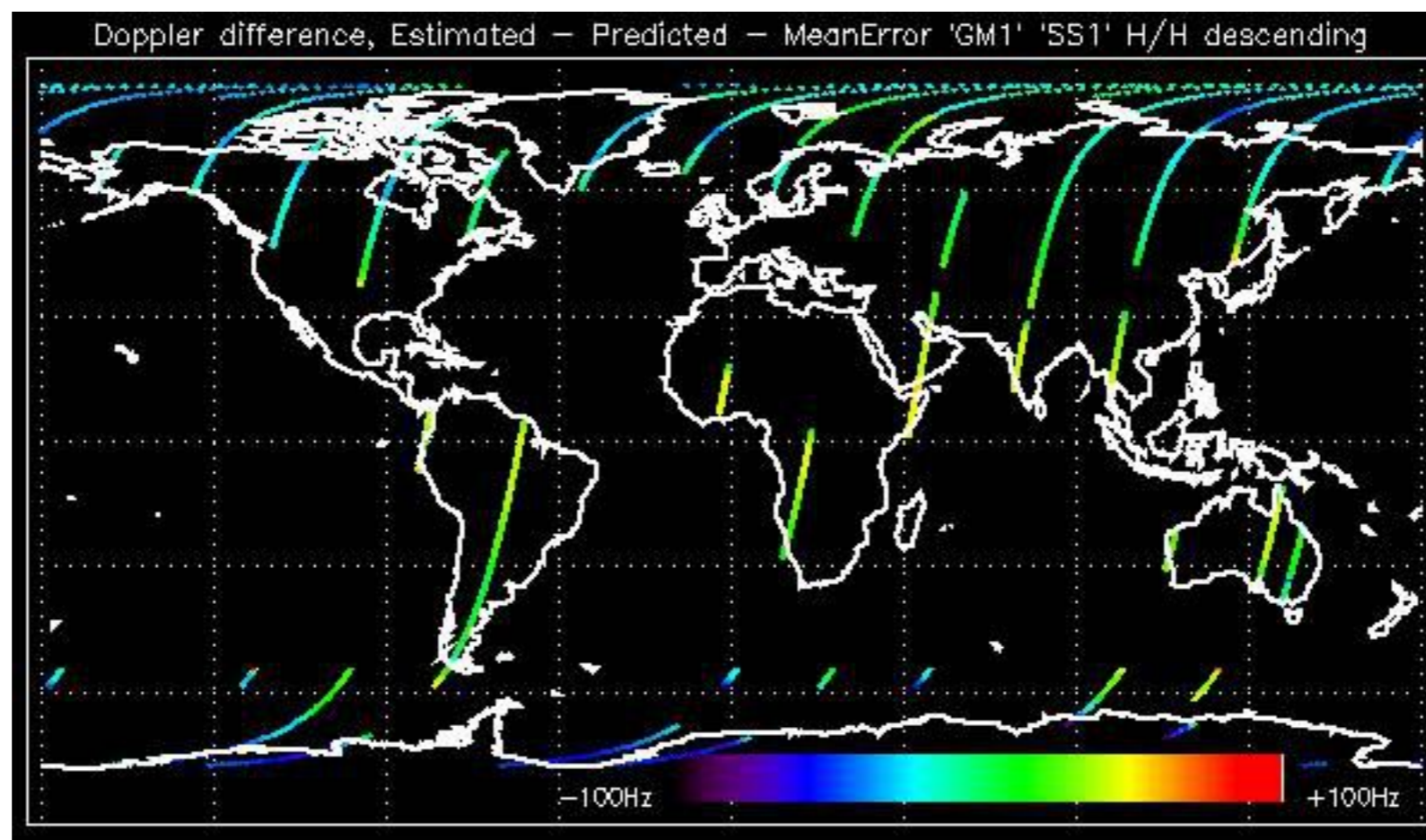


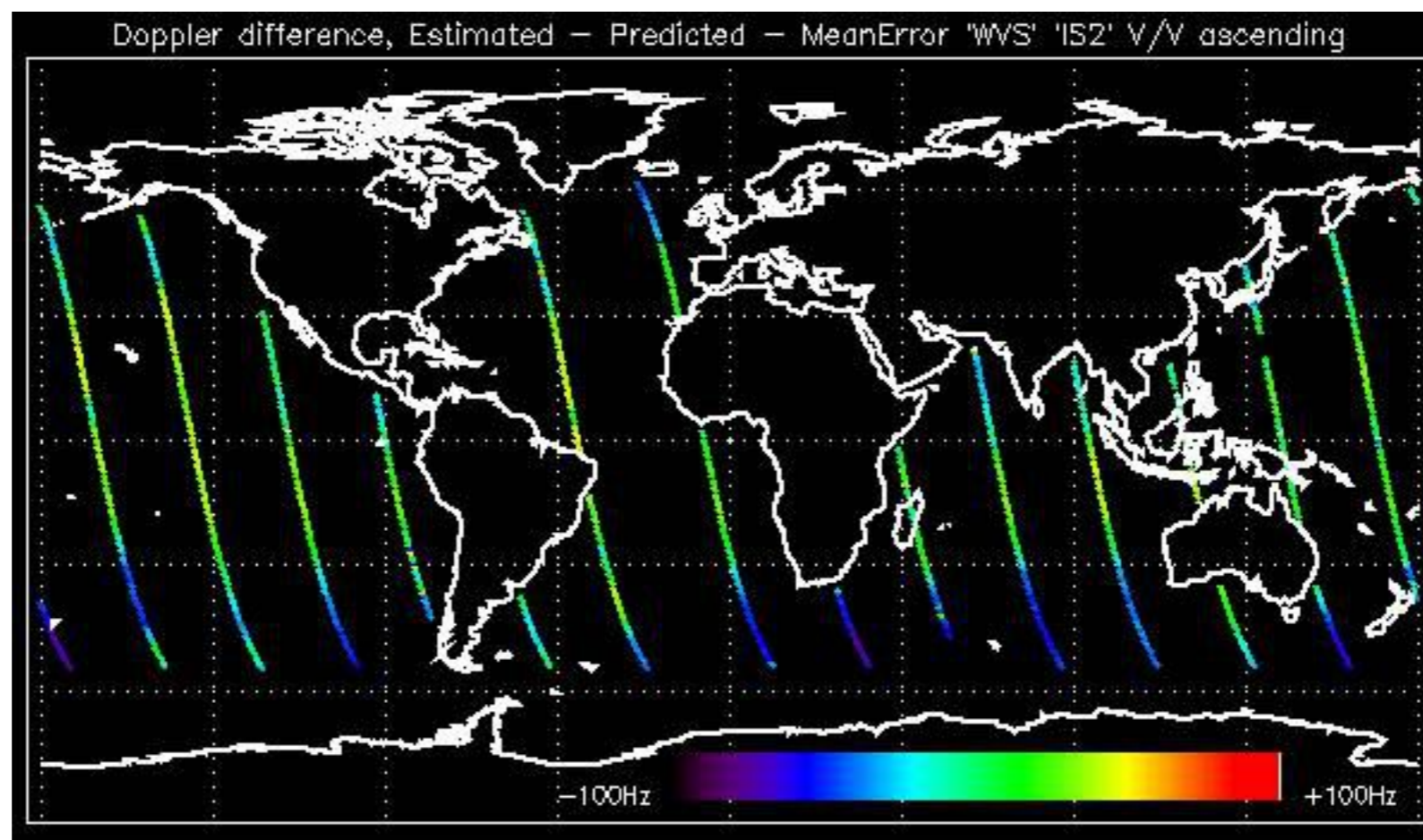


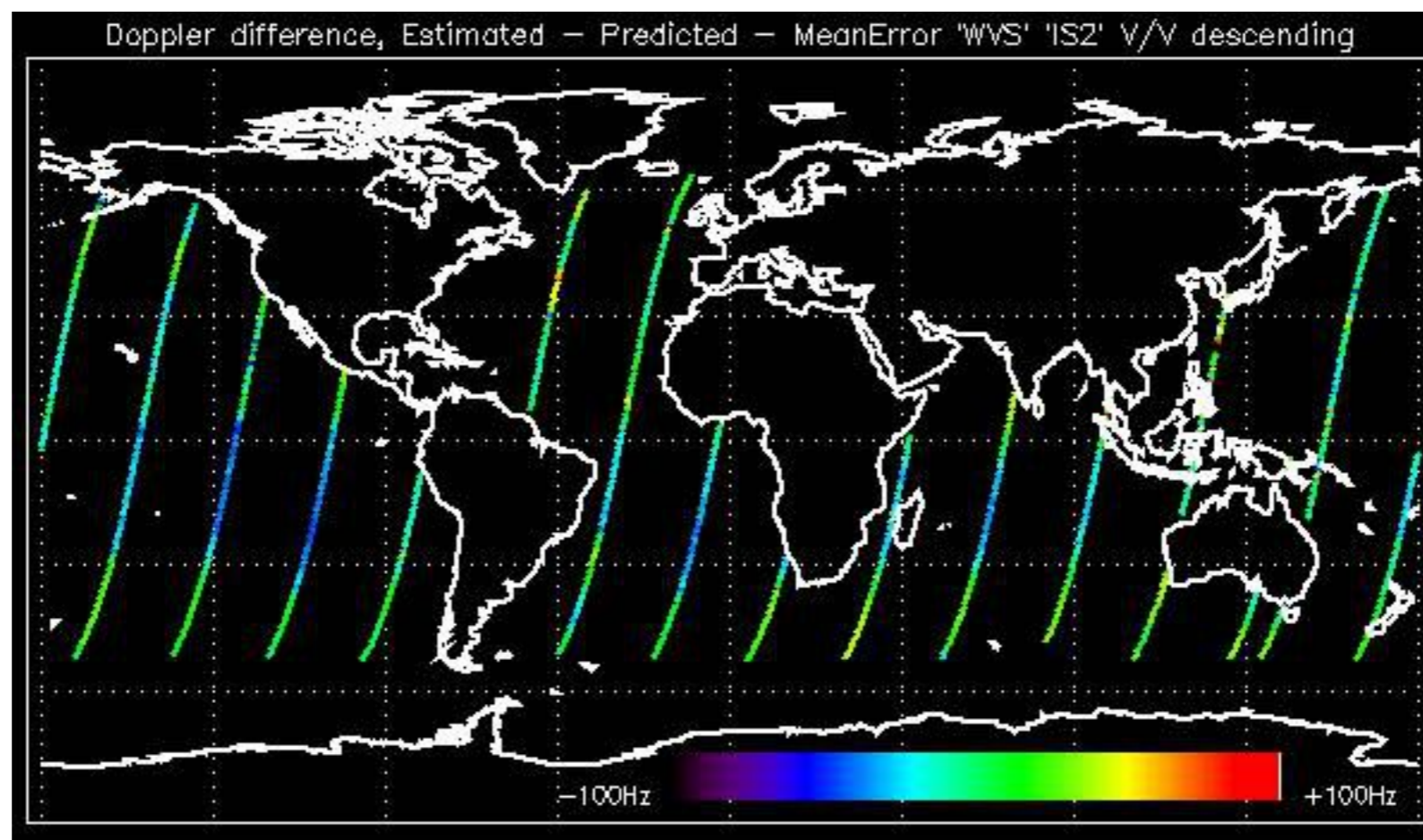


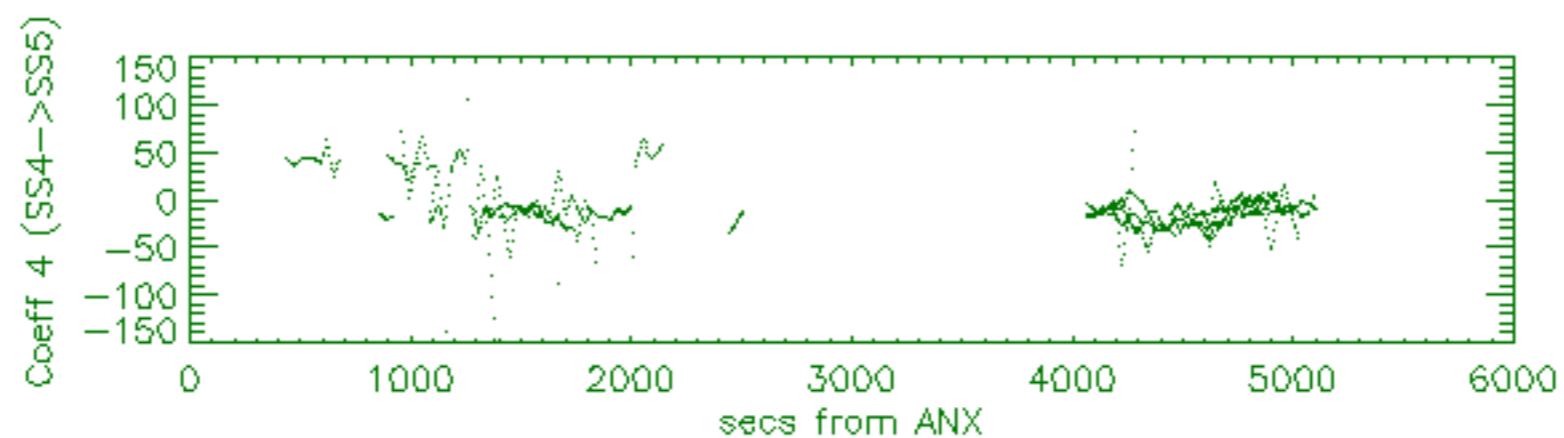
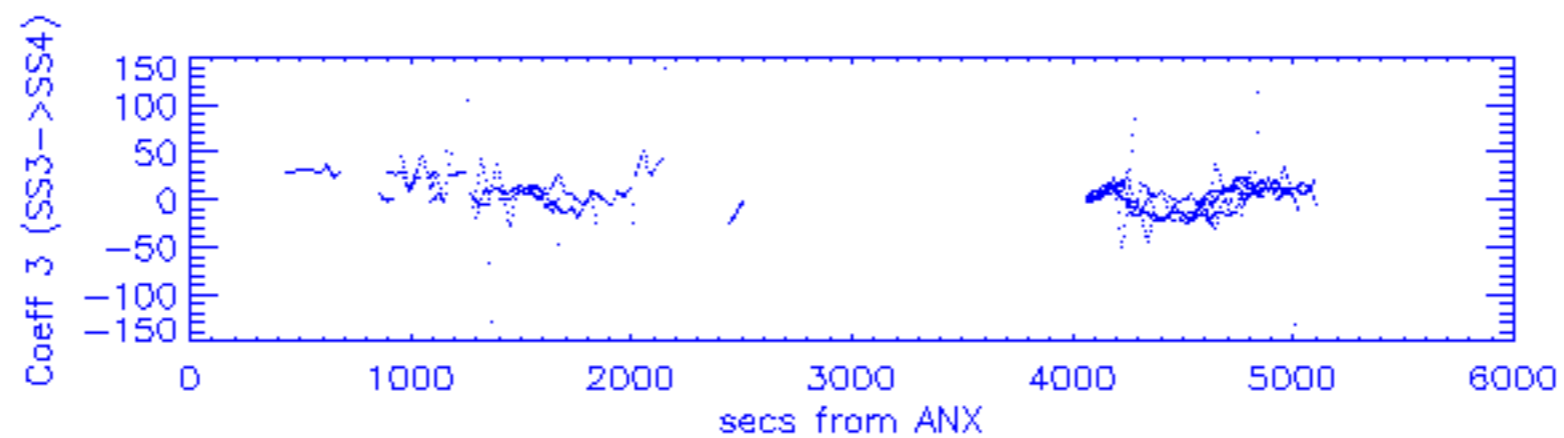
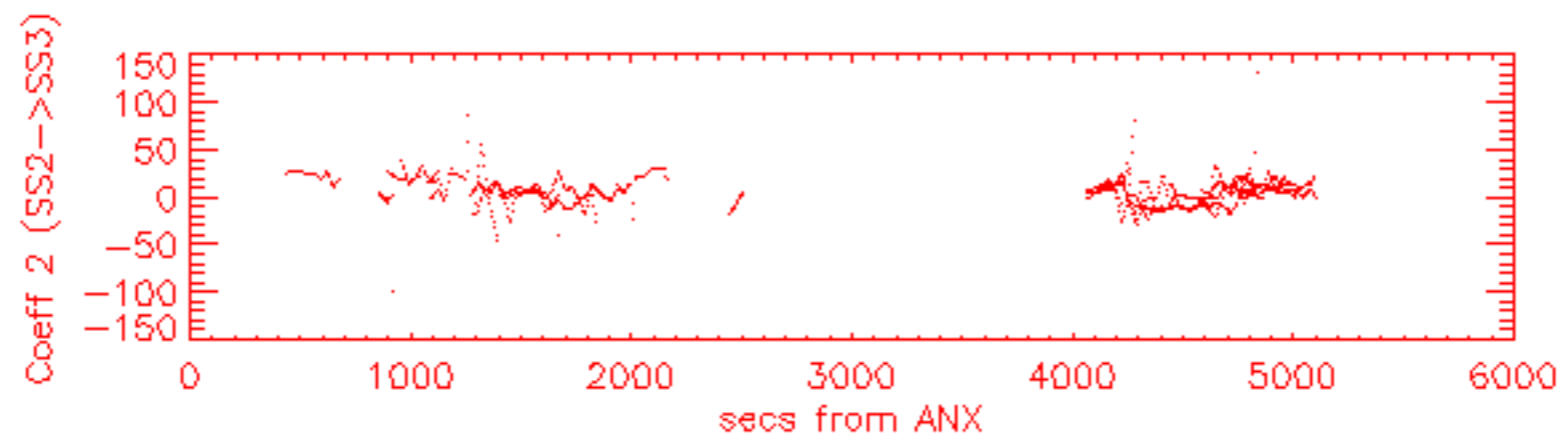
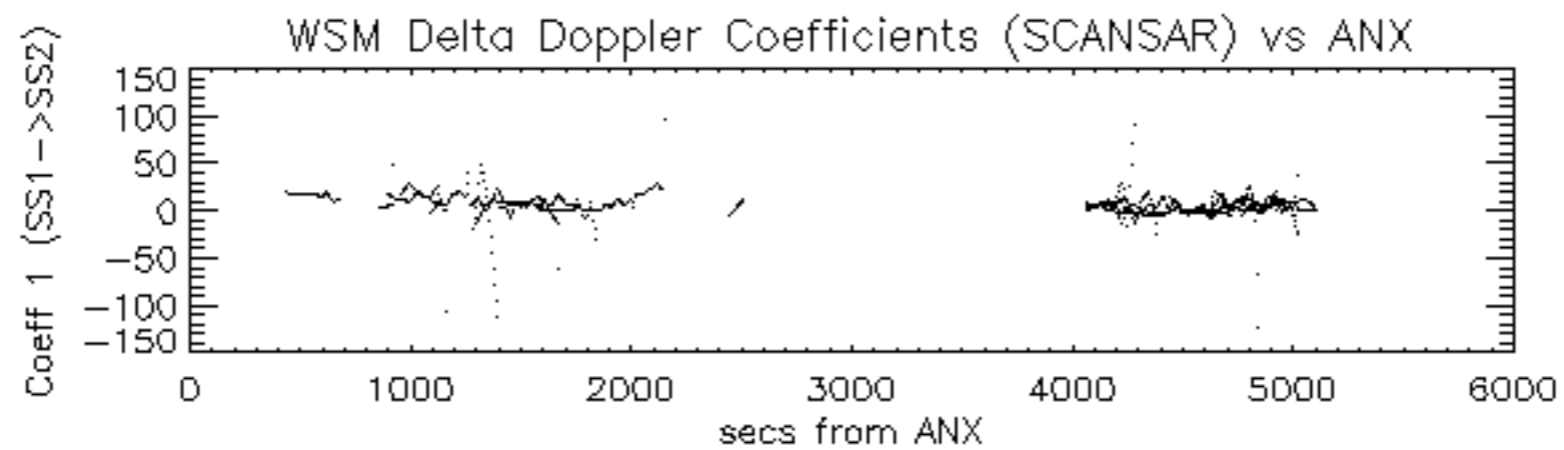


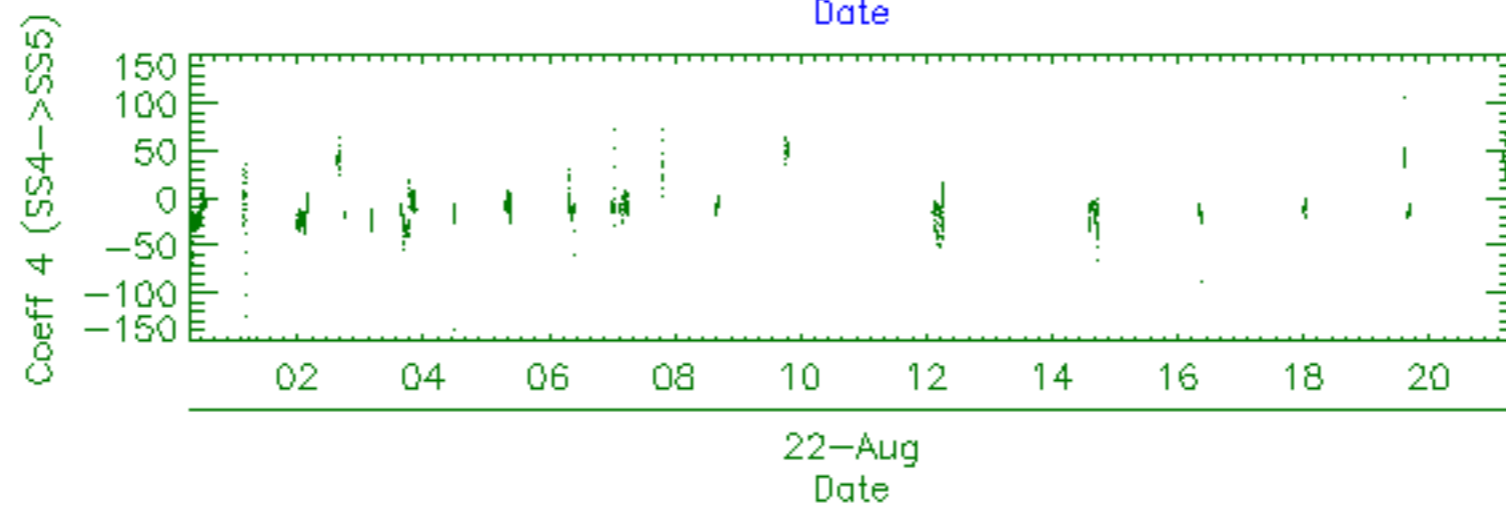
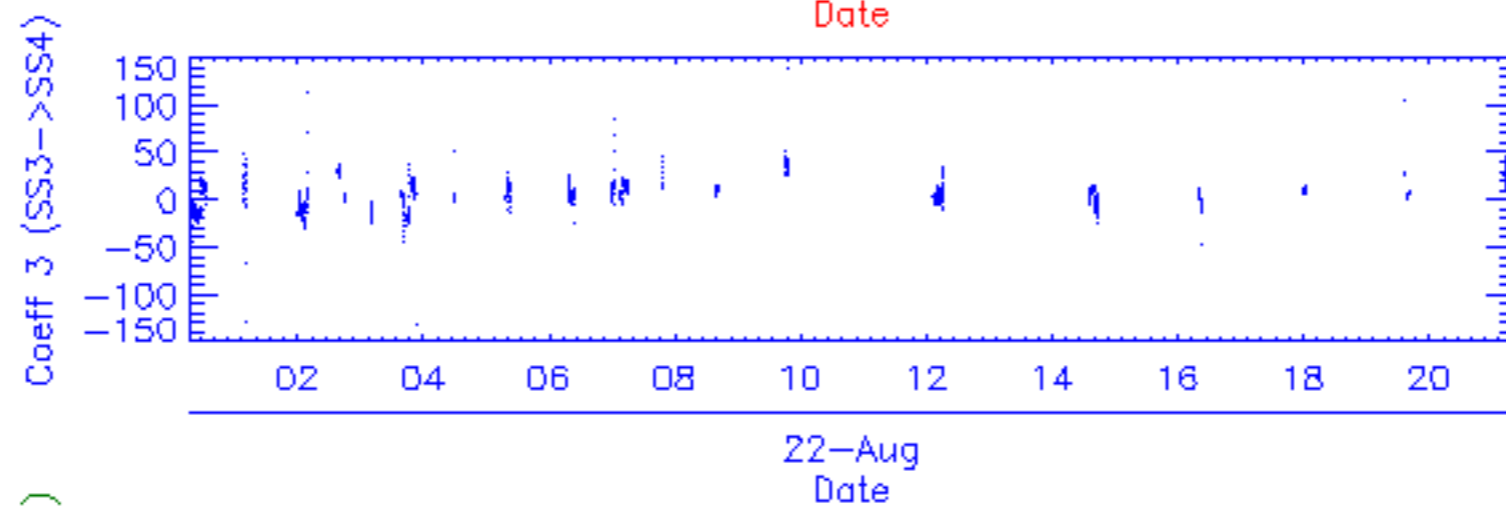
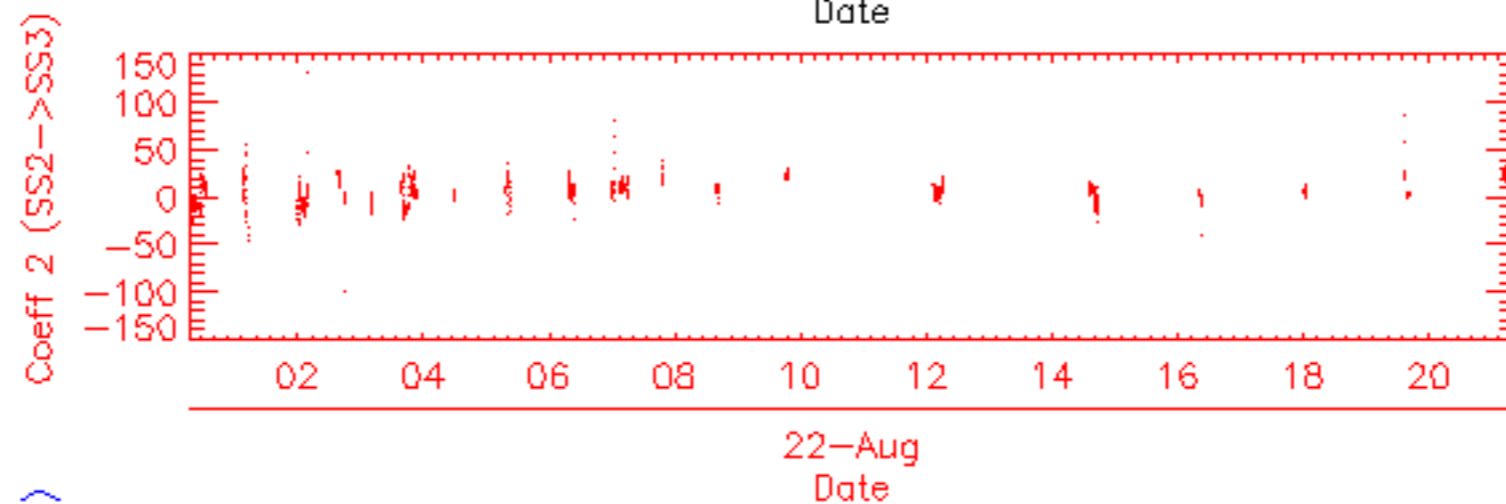
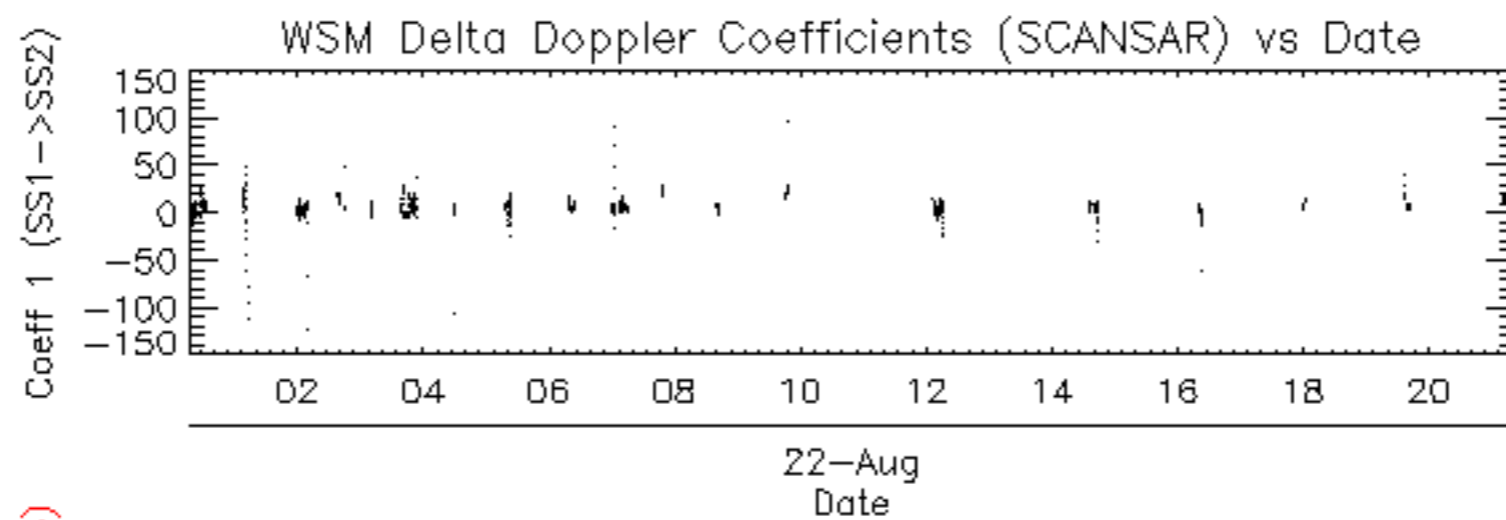




















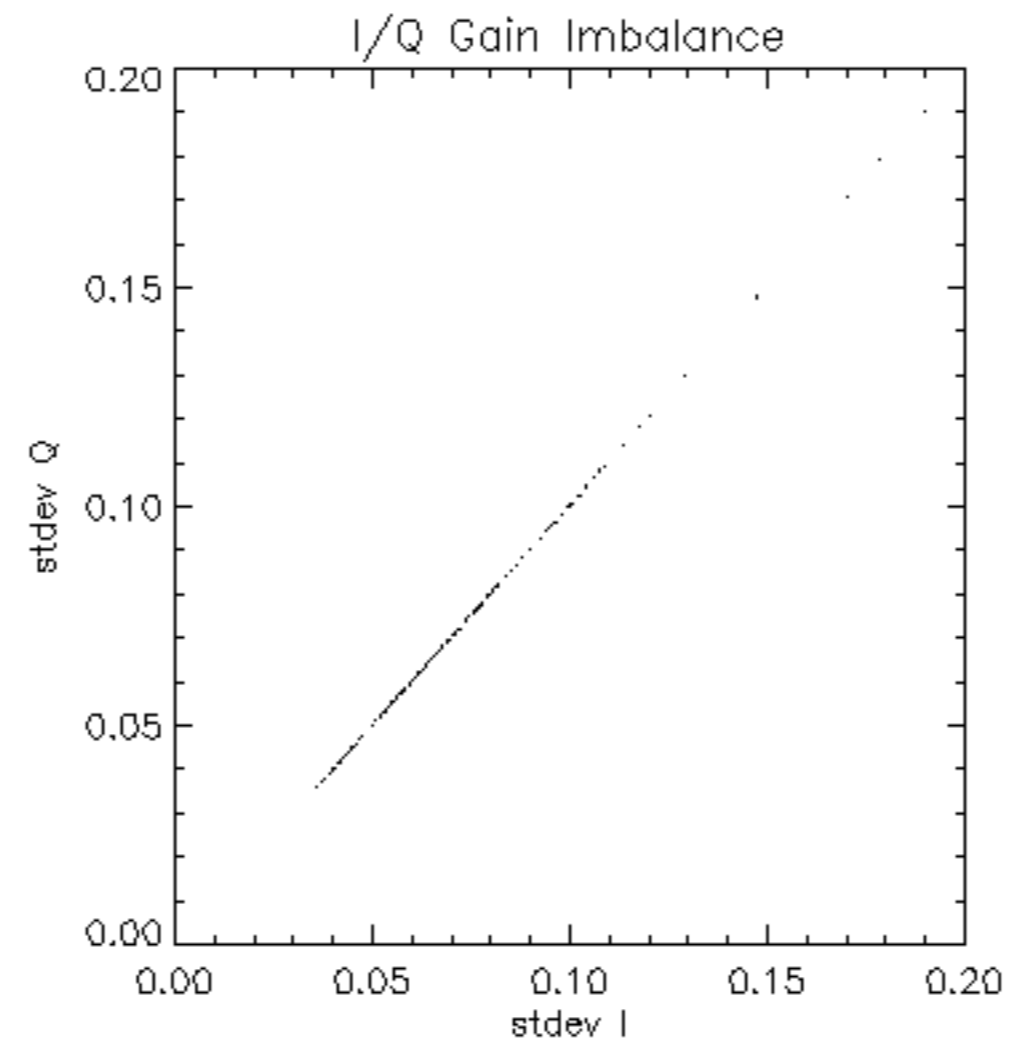


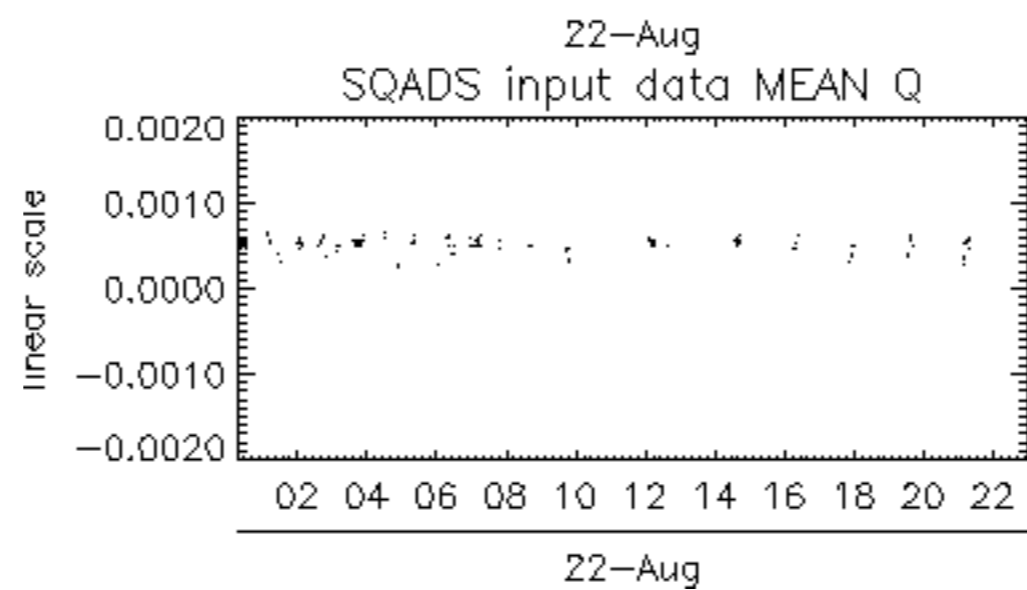
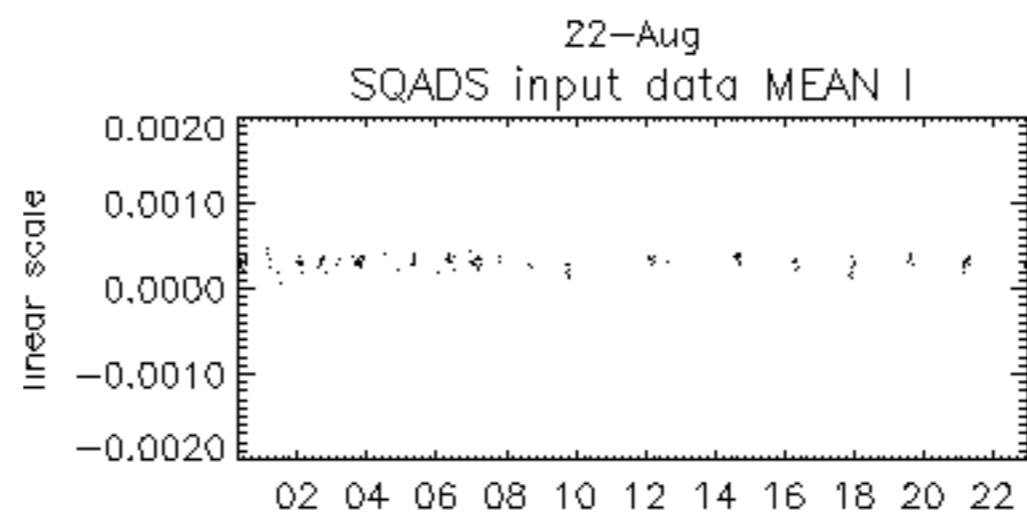
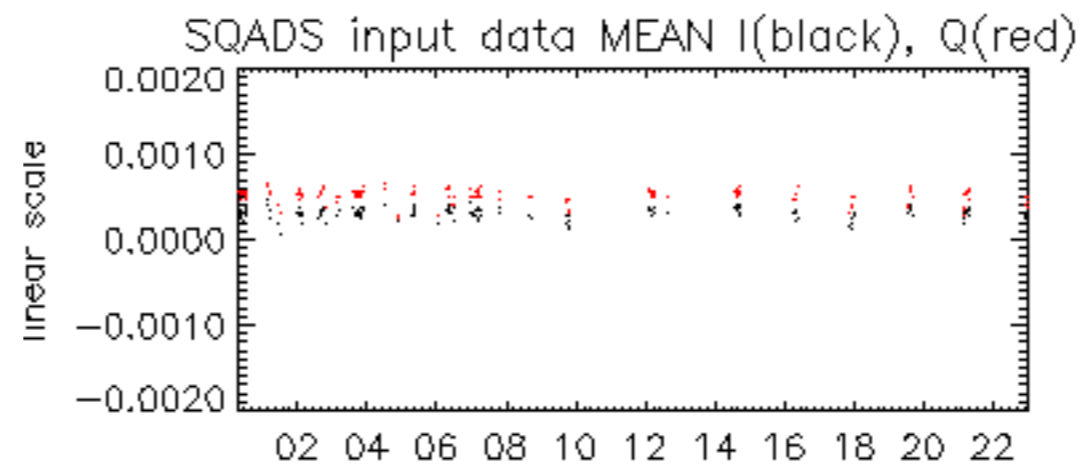




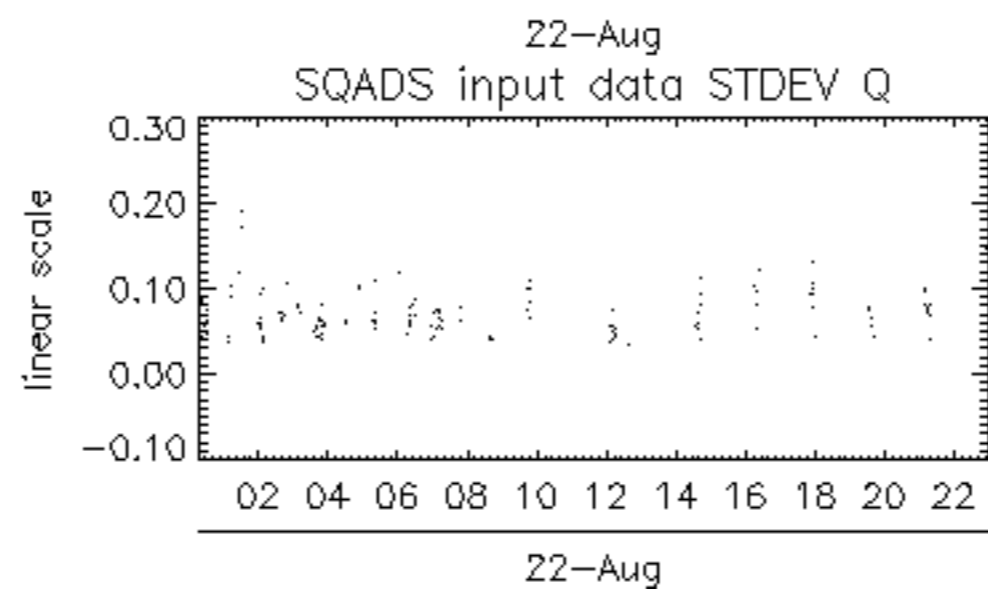
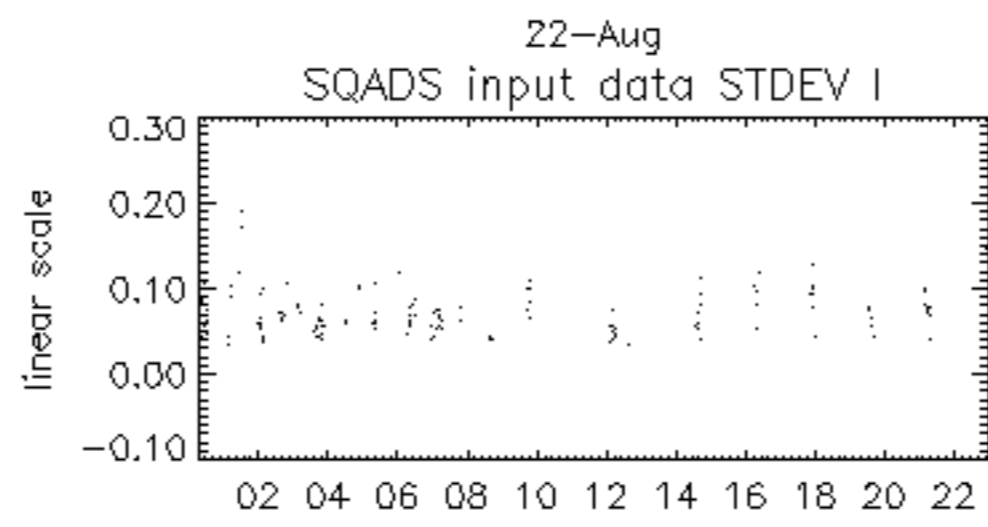
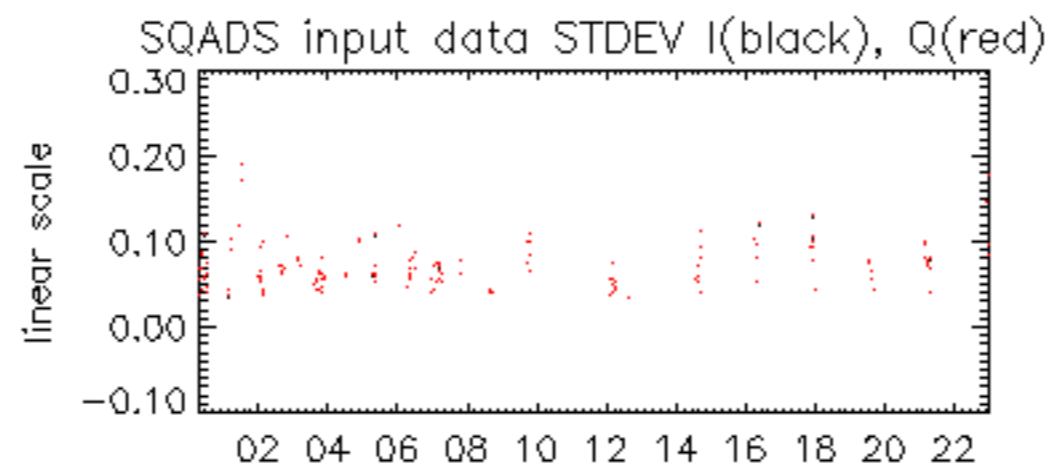


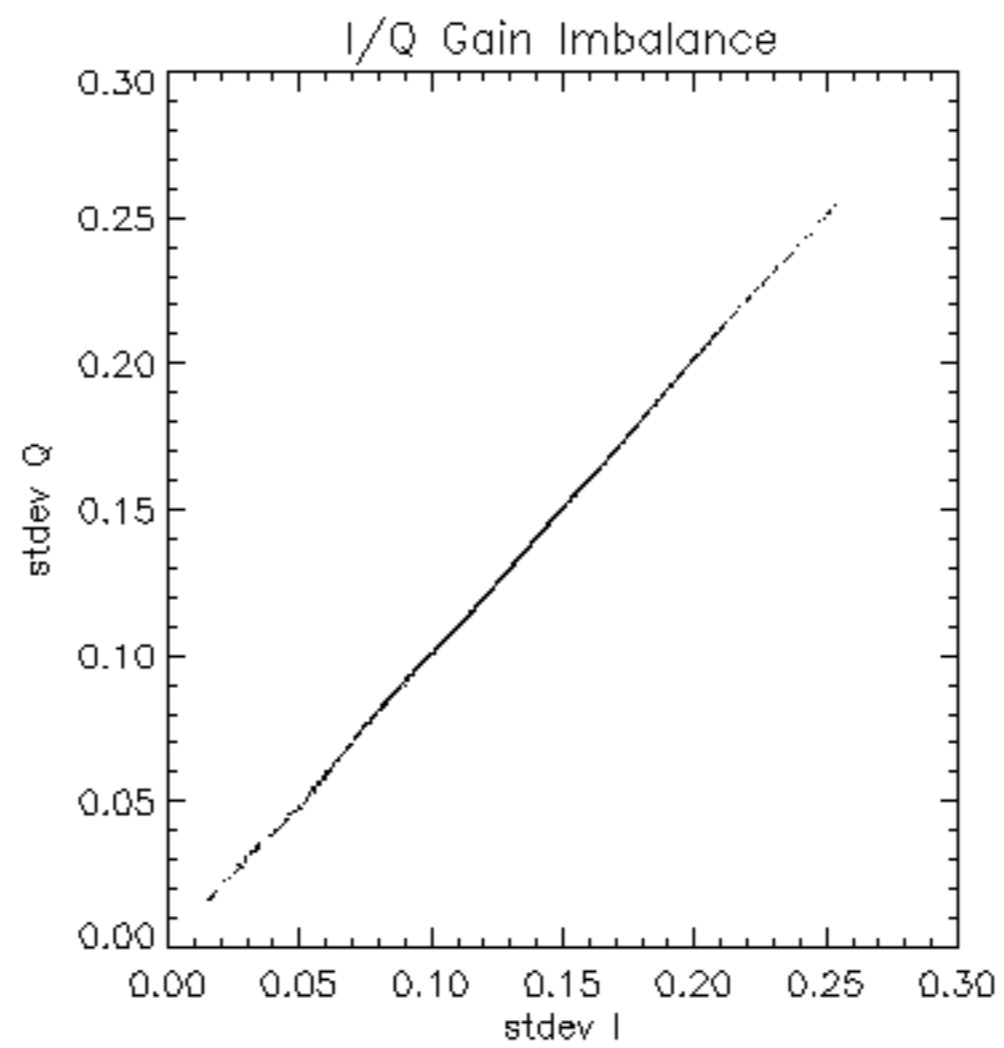


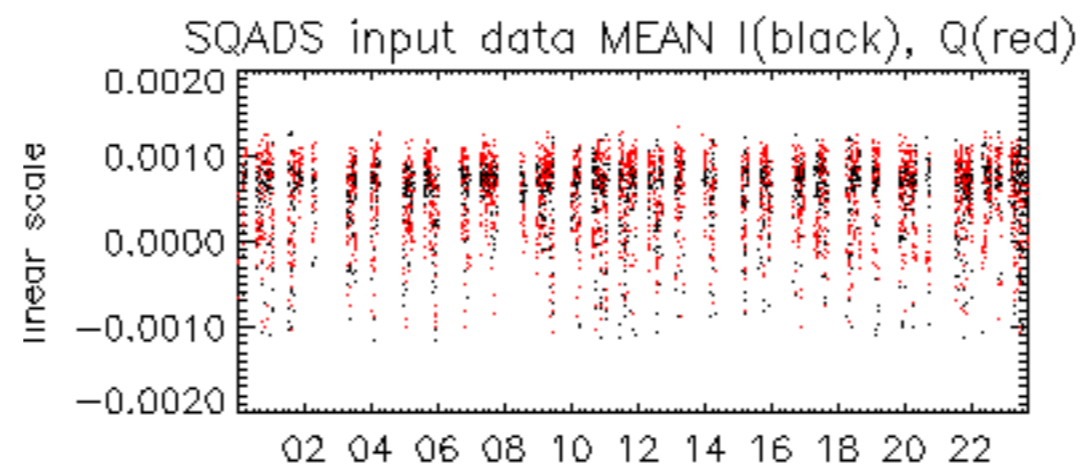




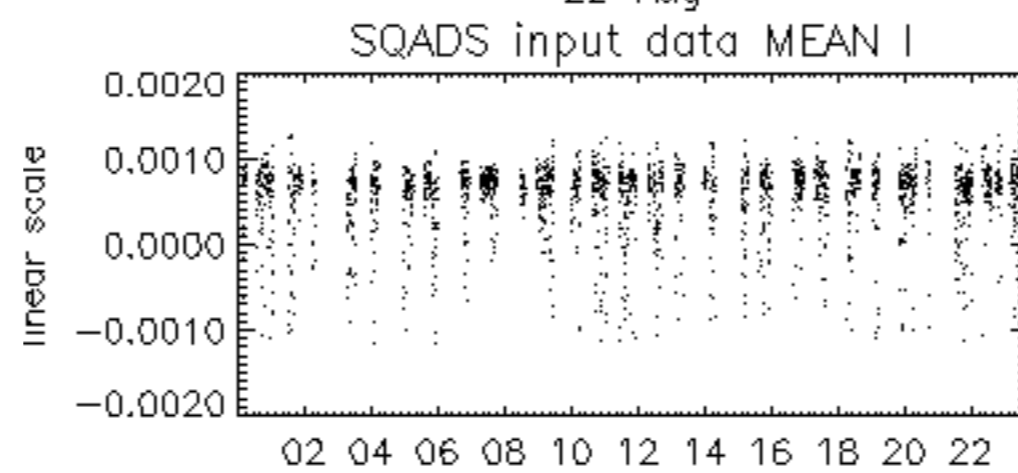




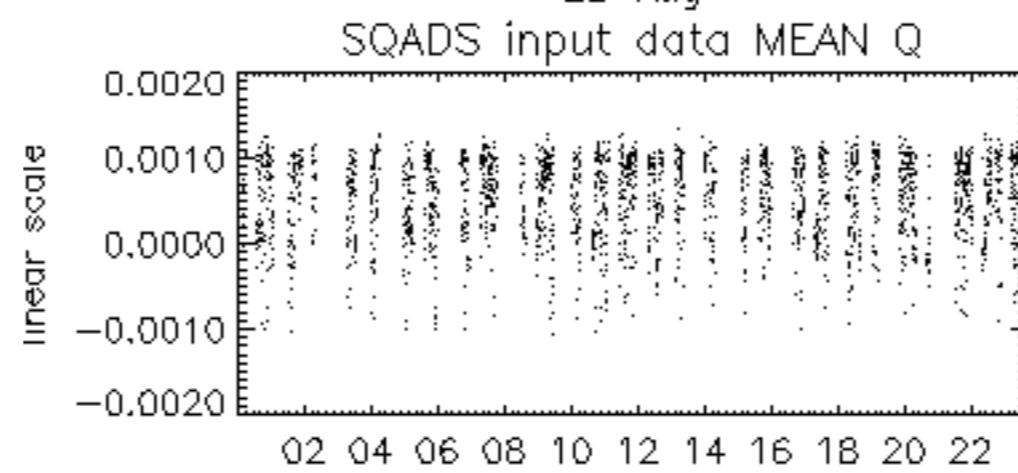




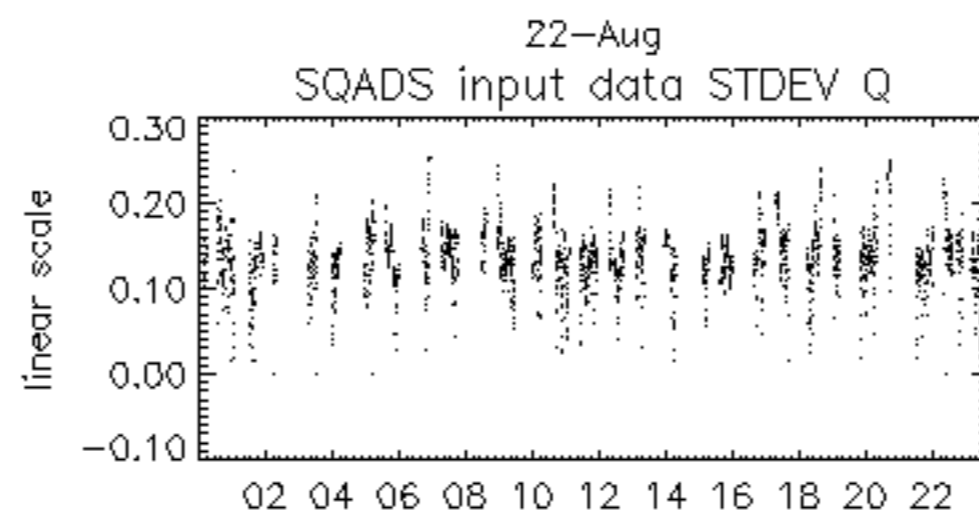
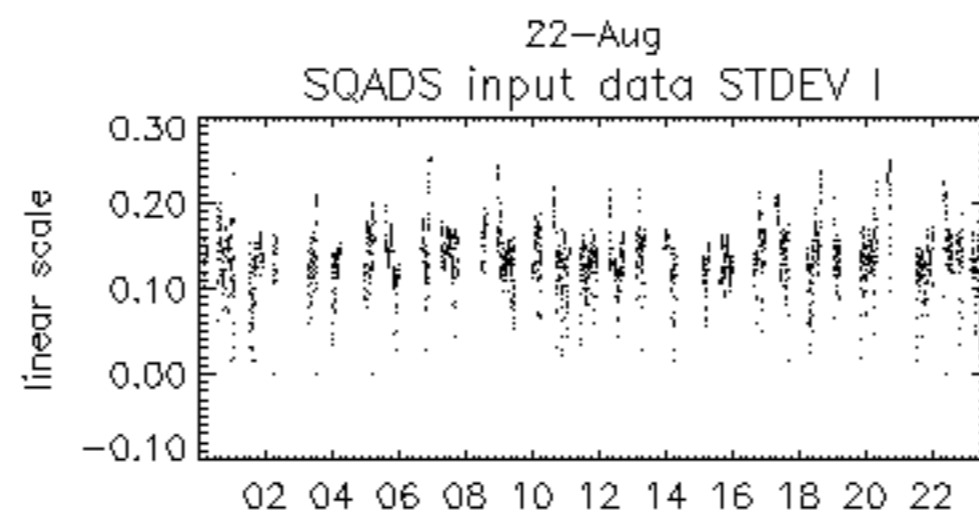
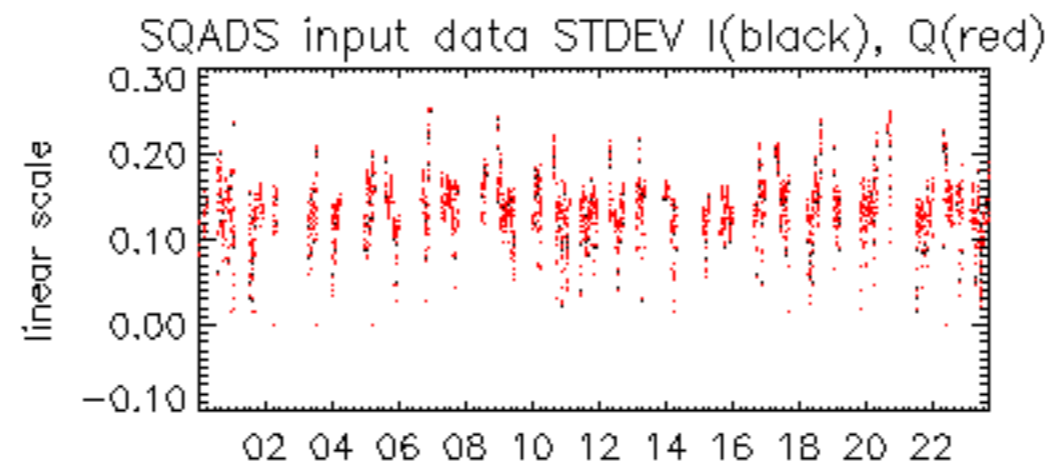
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