



Analysis from 07-OCT-2009 00:00:00 to 07-OCT-2009 23:59:59. Page generated on 08-OCT-2009 07:32:15.  
View log file: ASAR\_Daily\_Report\_20091008\_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk.

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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	2	PDE	WS	H/H	23	PDE	IS1	H/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	58	PDK	2009-10-07 08:18:40	H	320
PDE	IS2	V/V	21	PDK	WS	H/H	53	PDE	IS2	H/H	2	PDE	IS2	H/H	1	PDE	WS	V/V	3				
PDK	IS2	V/V	22									PDE	IS2	V/V	10	PDK	WS	H/H	15				
												PDE	IS4	V/V	2	PDK	WS	V/V	5				
												PDE	IS7	H/H	1								
												PDK	IS2	H/H	2								
												PDK	IS2	V/V	3								

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

### 2.2 - Products with wrong ADFs

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

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS





### 3.2 - H/H polarisation

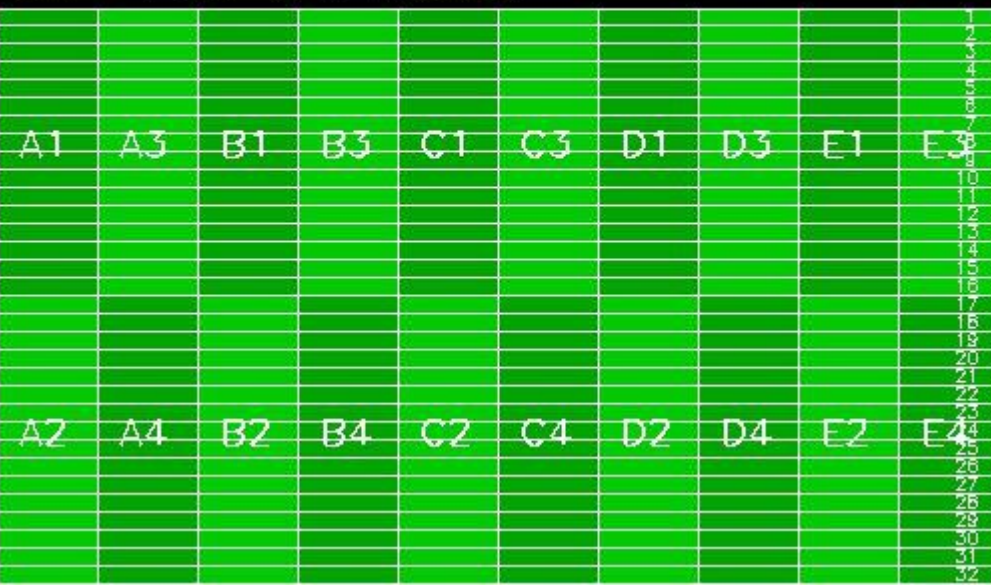
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

Reference: 2005-09-22 06:26:51 H RxGain  
 Test : 2009-10-07 08:18:40 H



Reference: 2009-10-05 09:21:54 H RxGain  
 Test : 2009-10-07 08:18:40 H

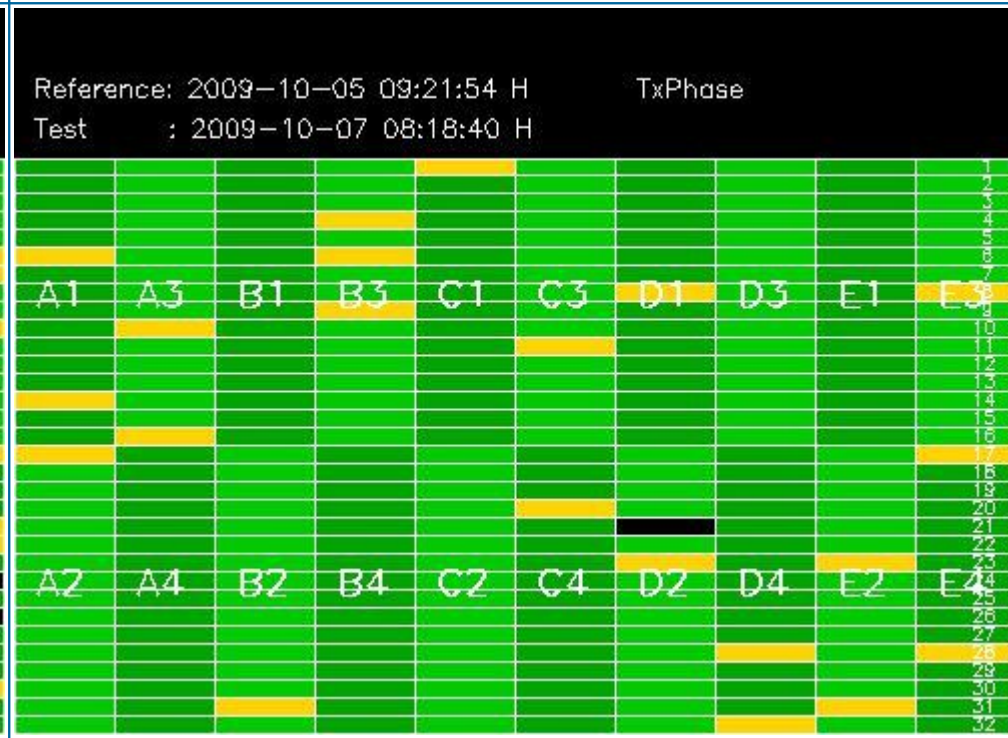
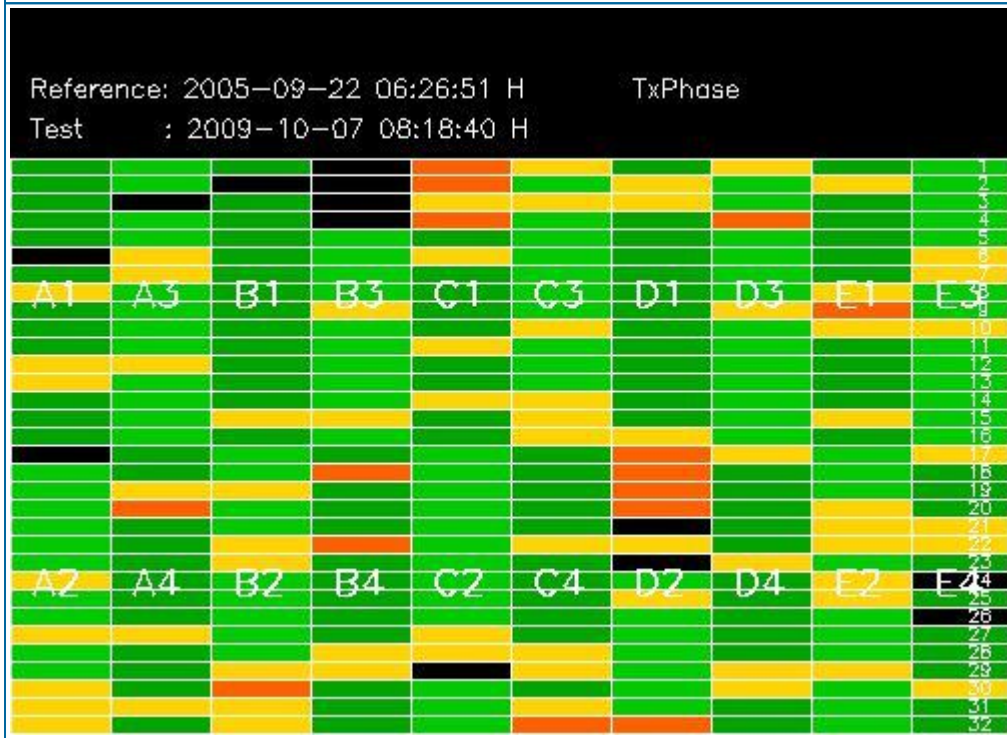
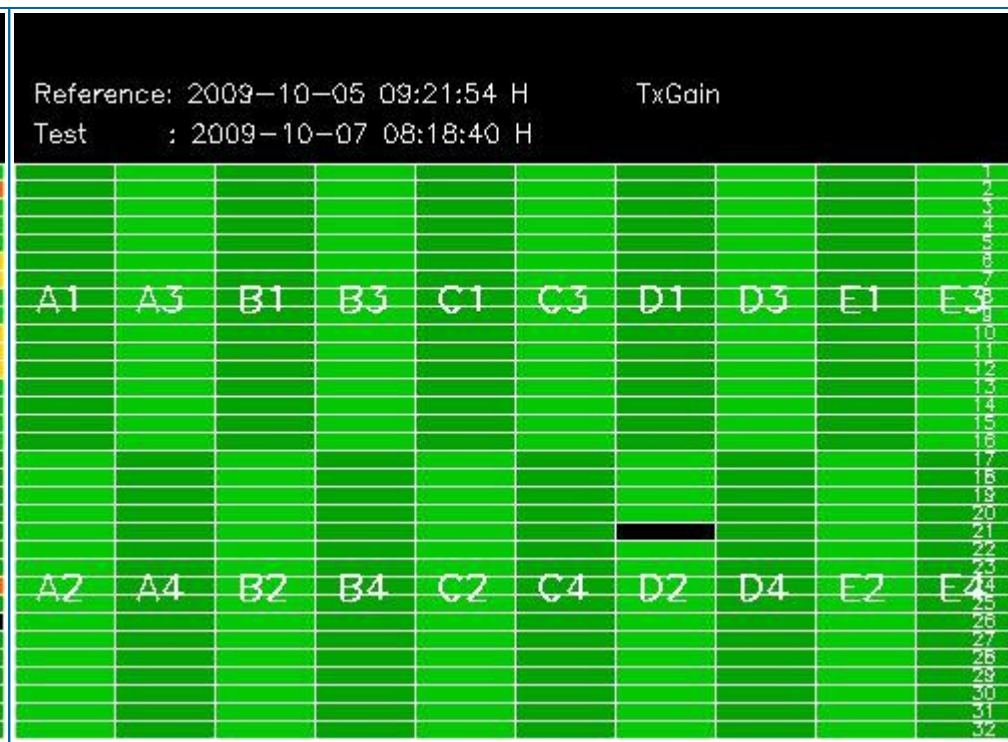
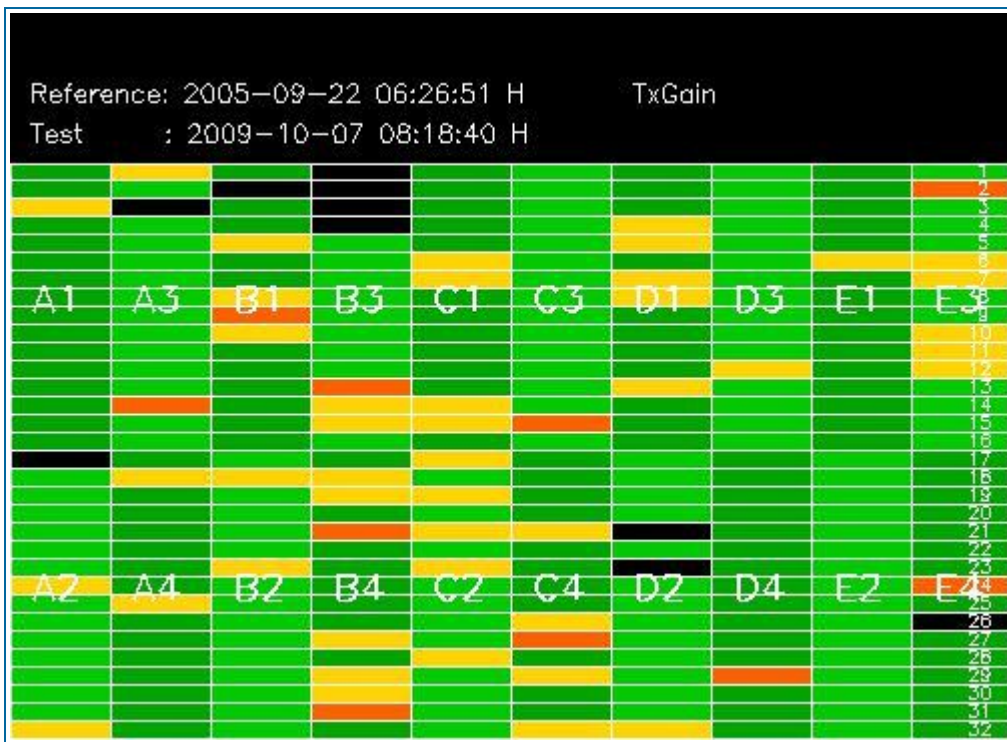


Reference: 2005-09-22 06:26:51 H RxPhase  
 Test : 2009-10-07 08:18:40 H



Reference: 2009-10-05 09:21:54 H RxPhase  
 Test : 2009-10-07 08:18:40 H





## 4 - CALIBRATION PULSES ANALYSIS

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

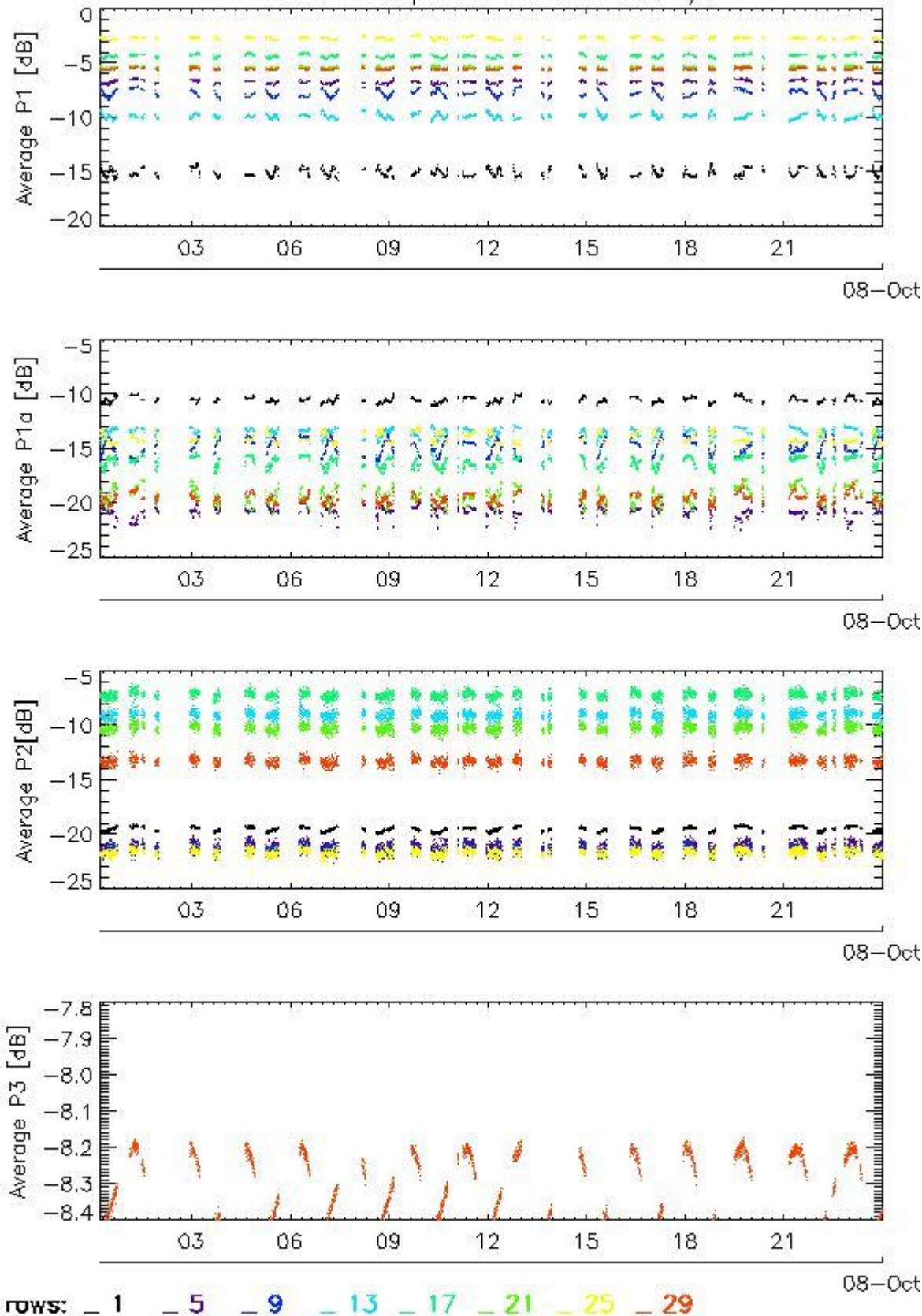
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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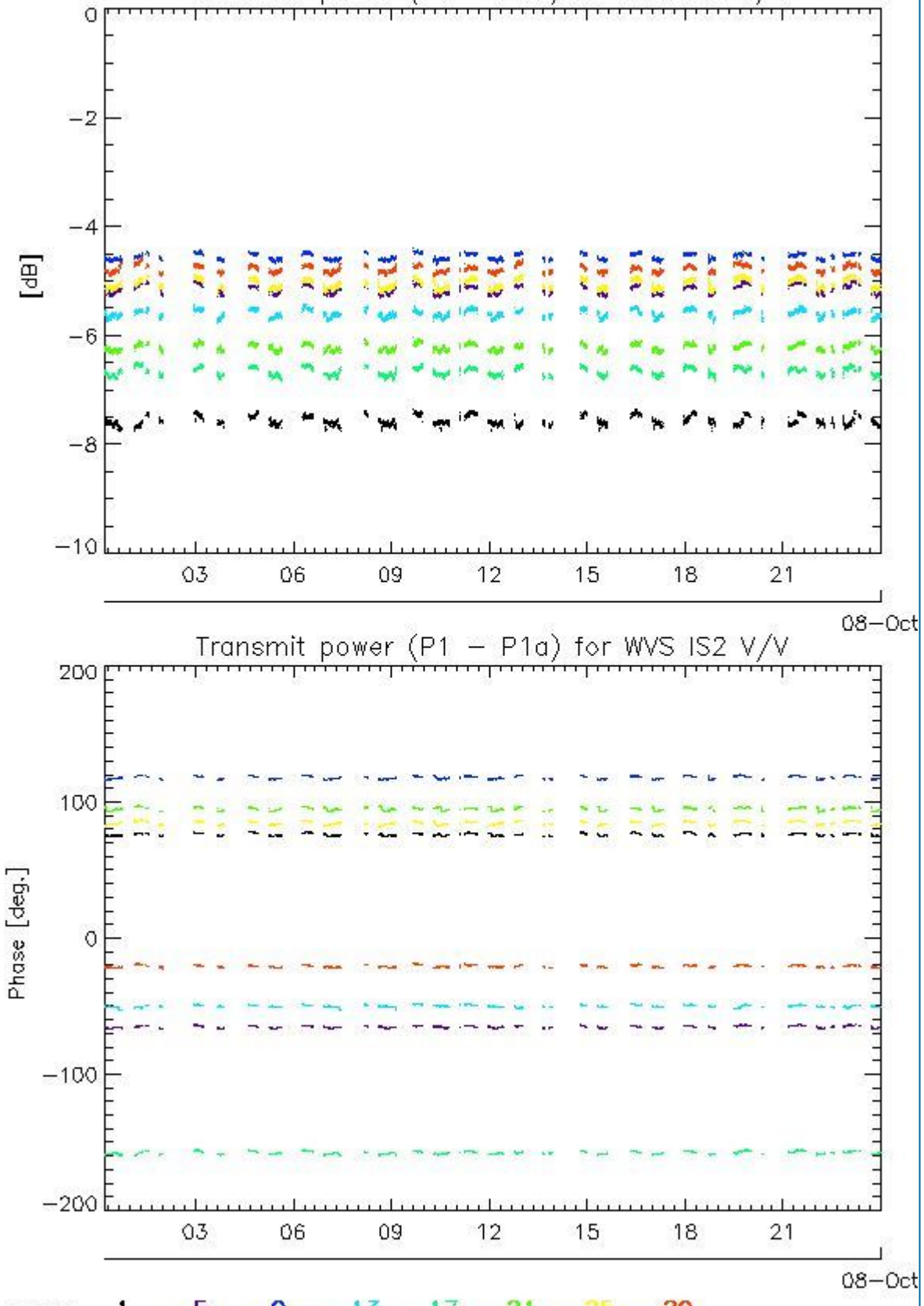
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



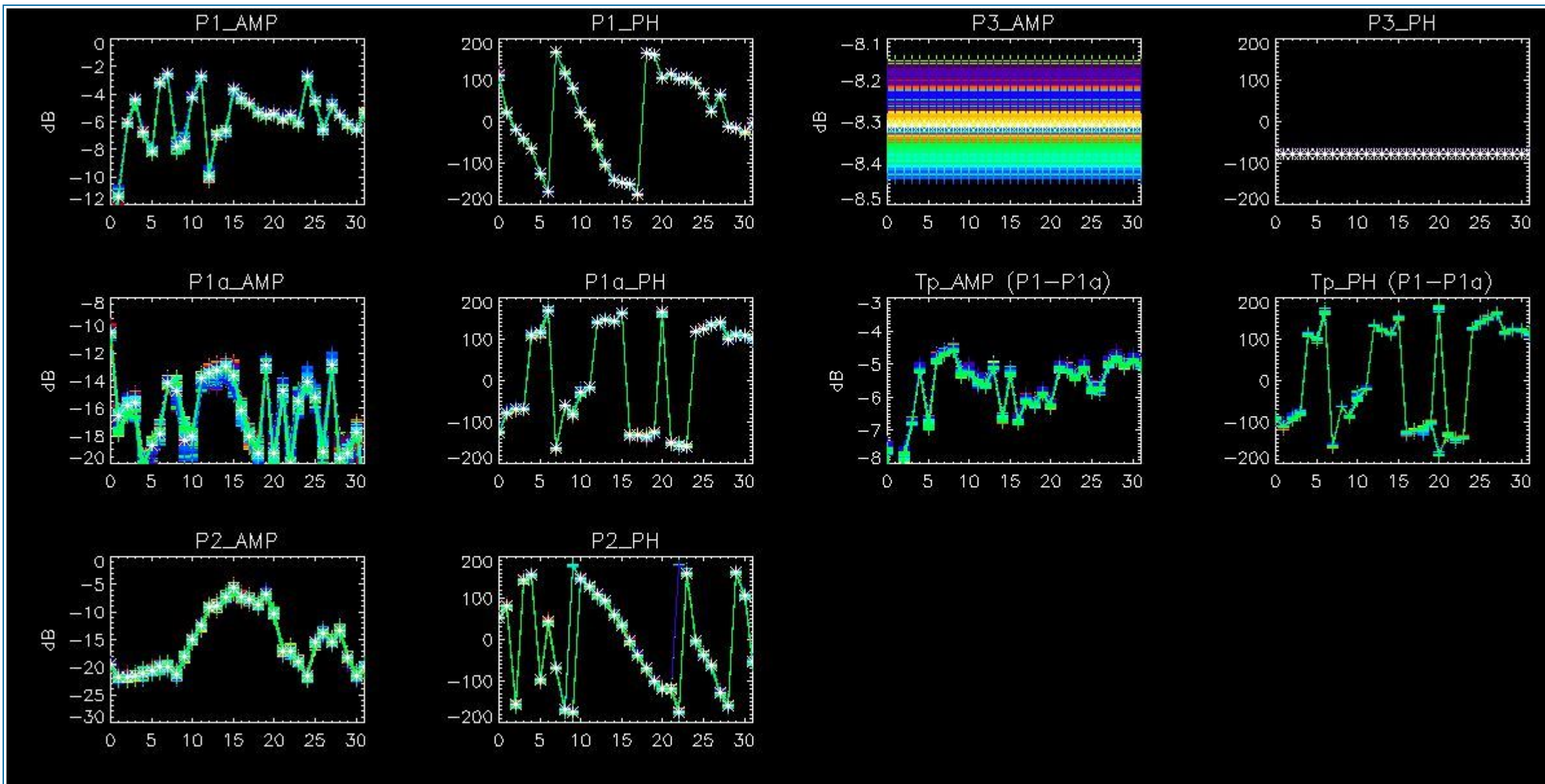
Transmit power (P1 - P1a) for WVS IS2 V/V



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

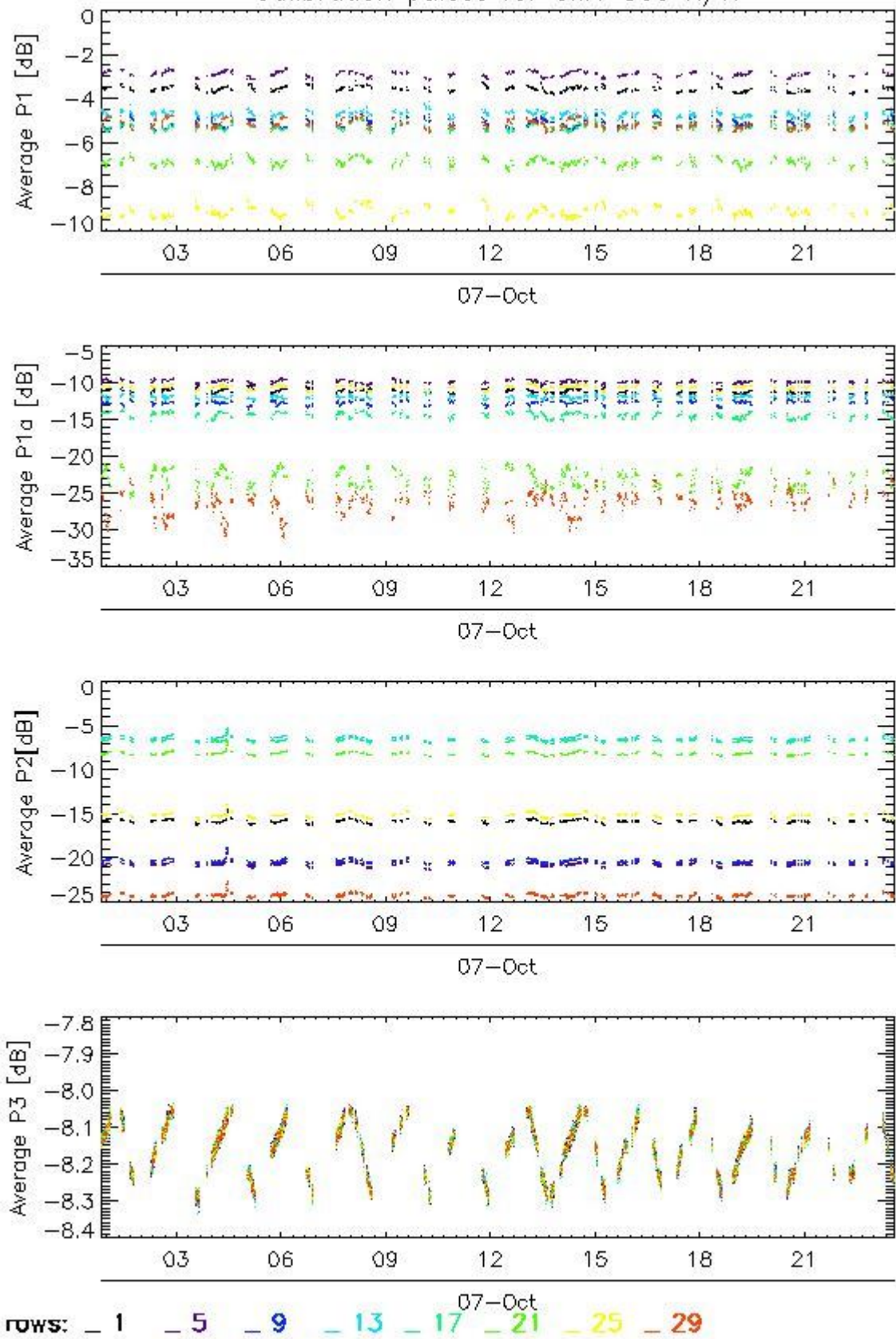
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

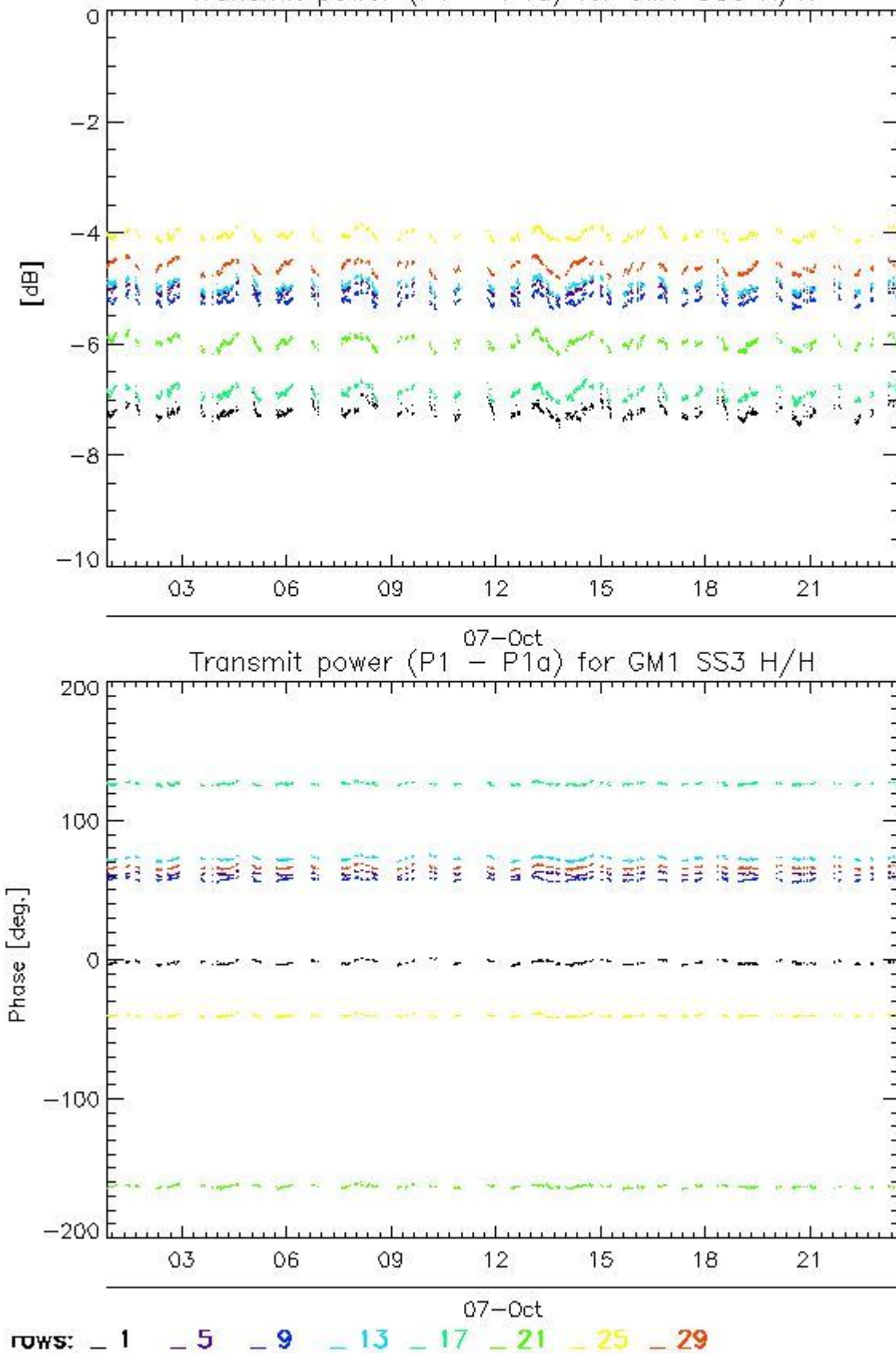
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



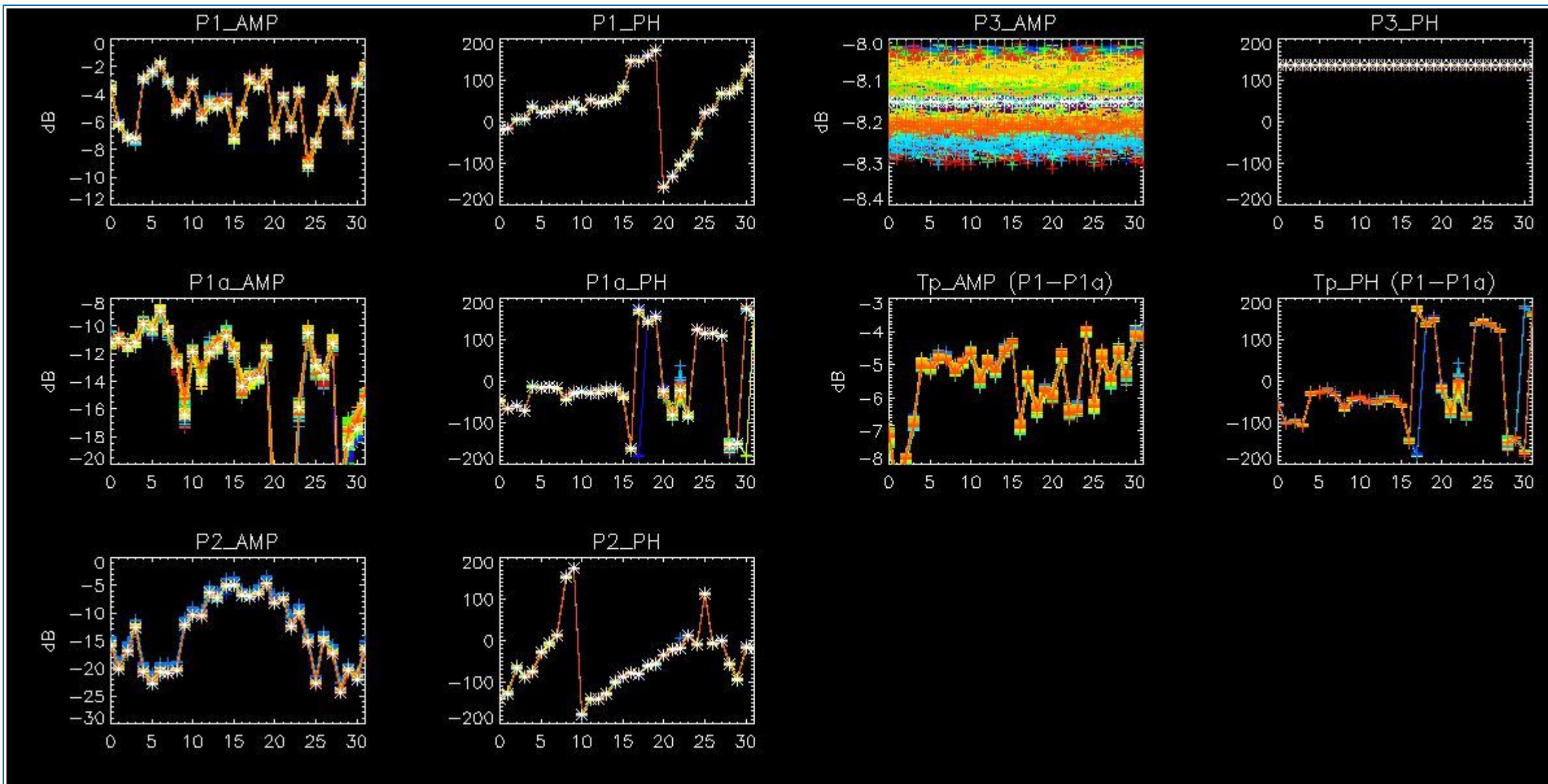
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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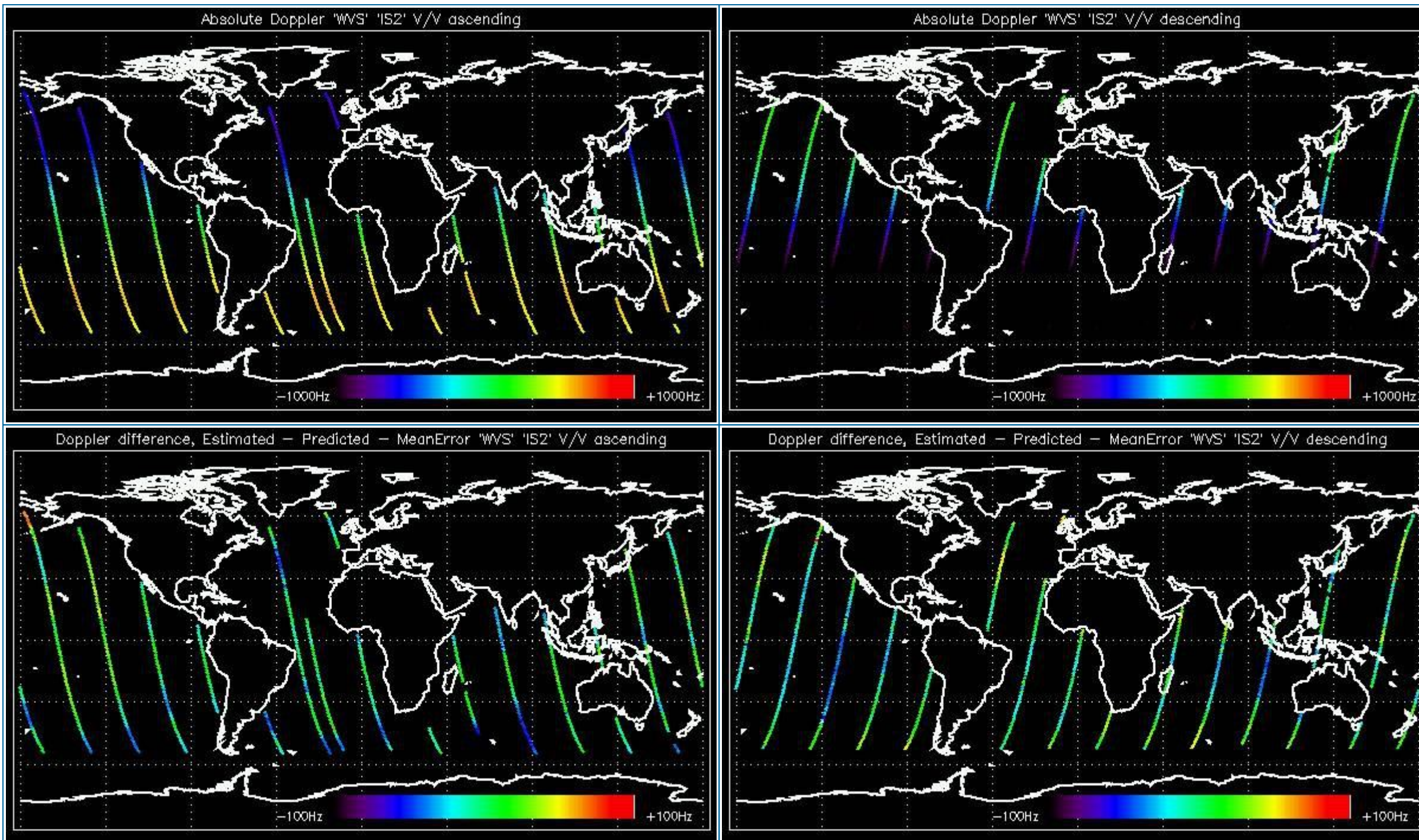
## 5 - DOPPLER ANALYSIS

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

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

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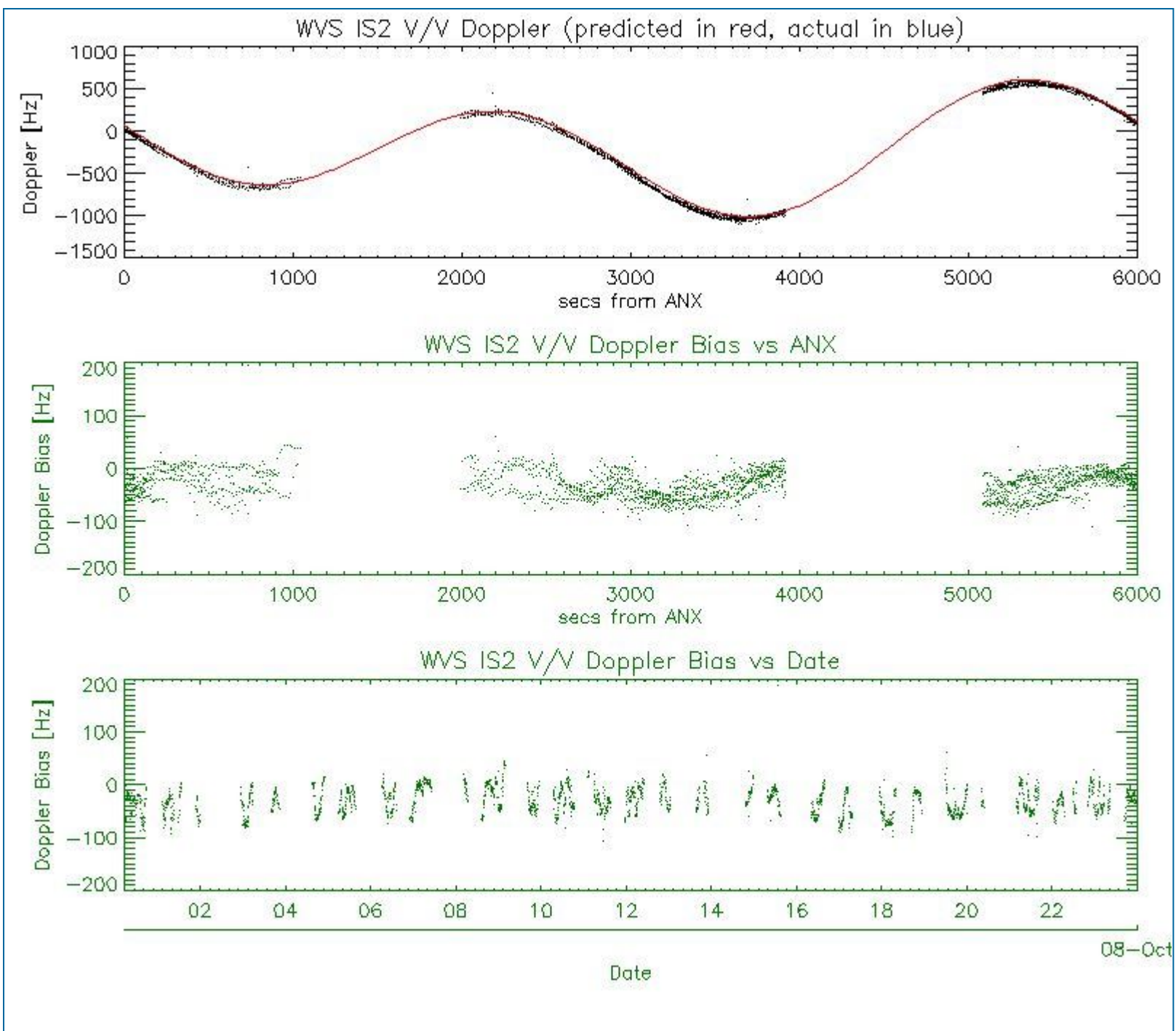




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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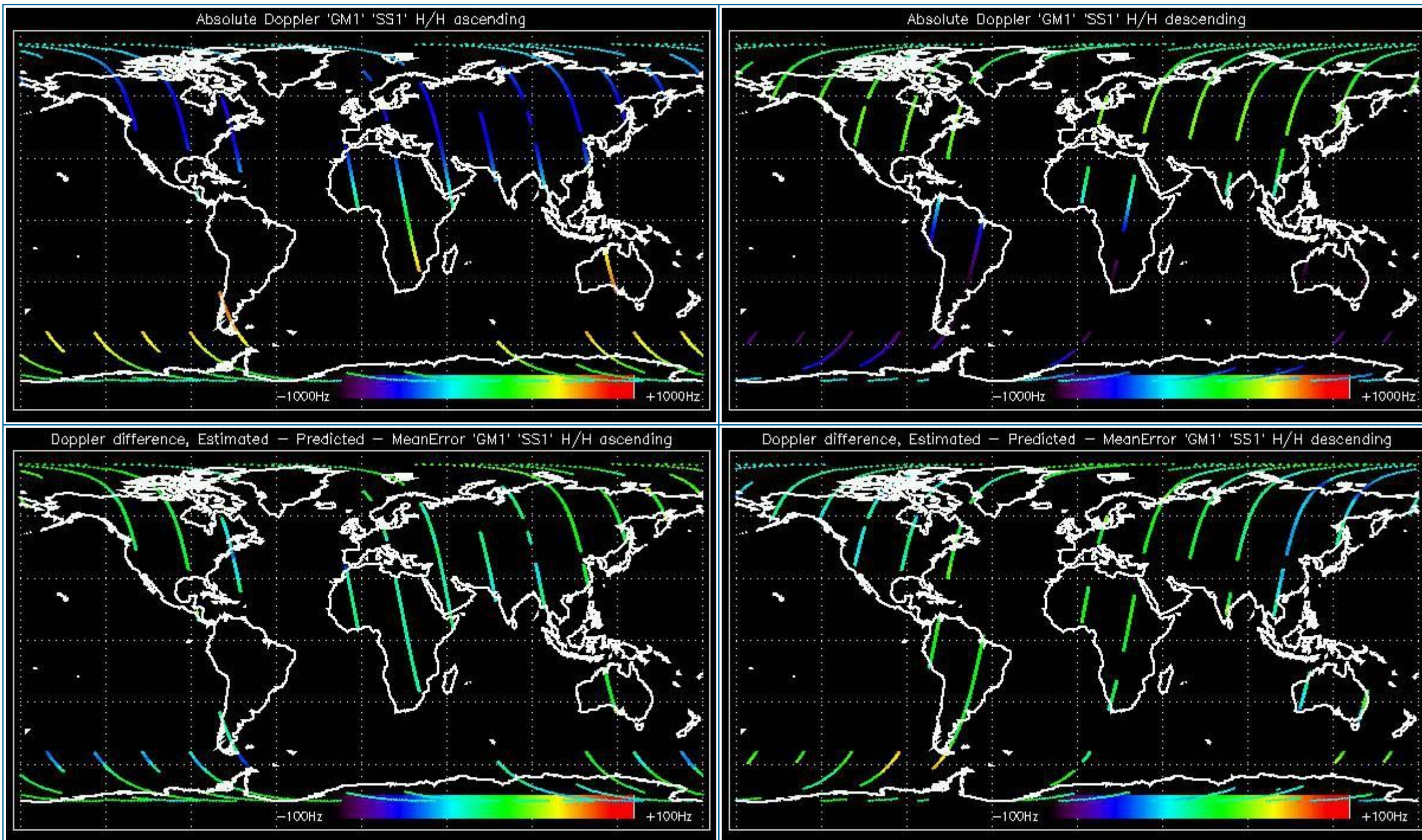


## 5.2 - Analysis for GM1 SS1 H/H

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

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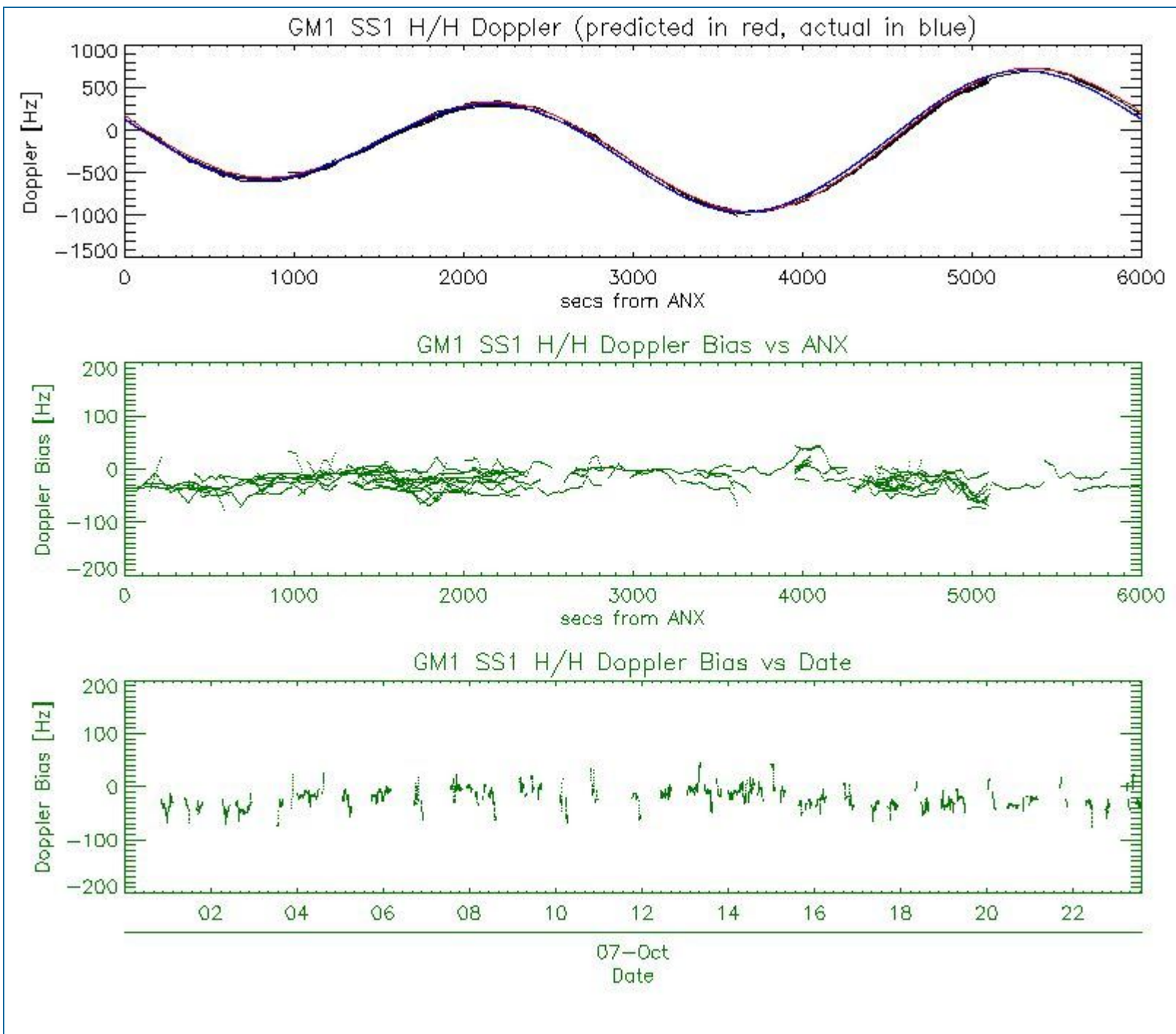




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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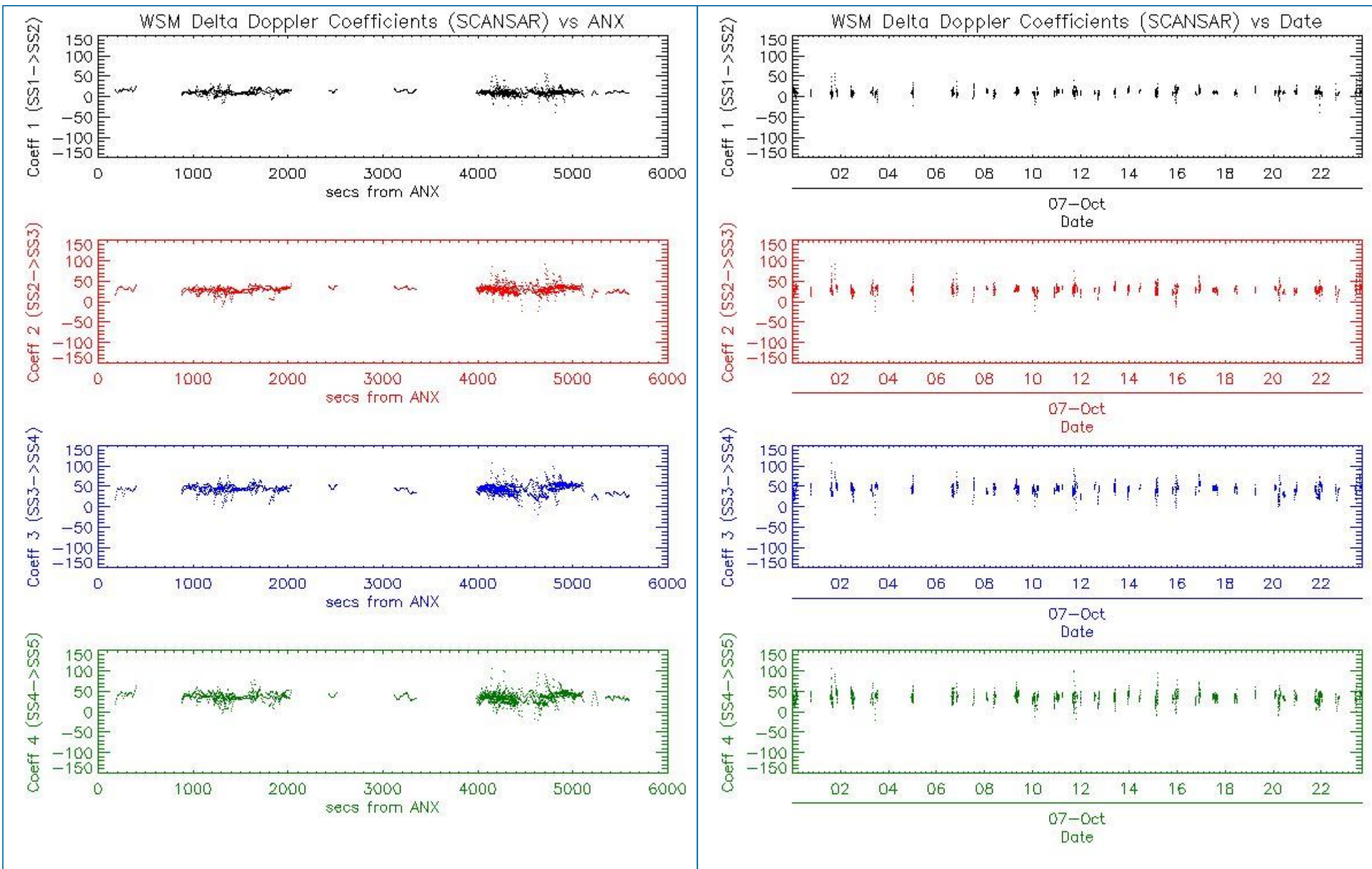




### 5.3 - Doppler JUMPS Analysis for WSM

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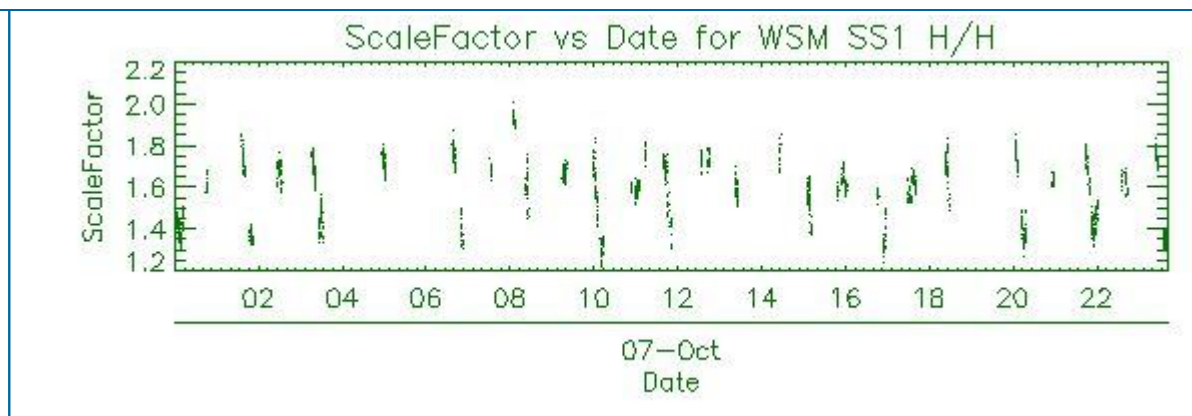
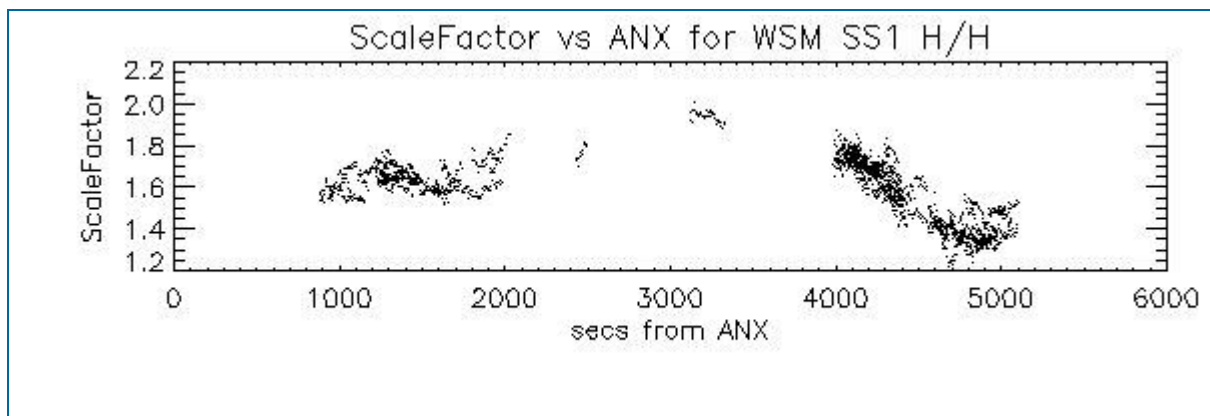
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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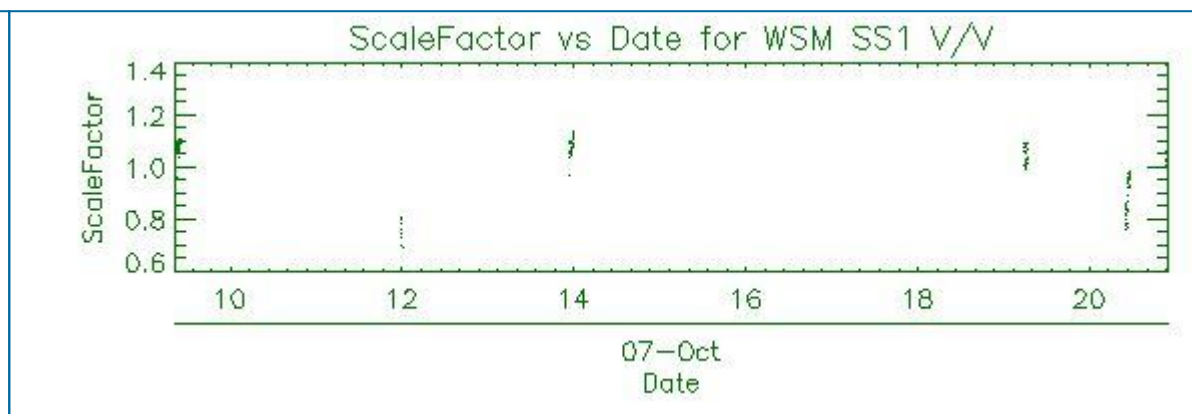
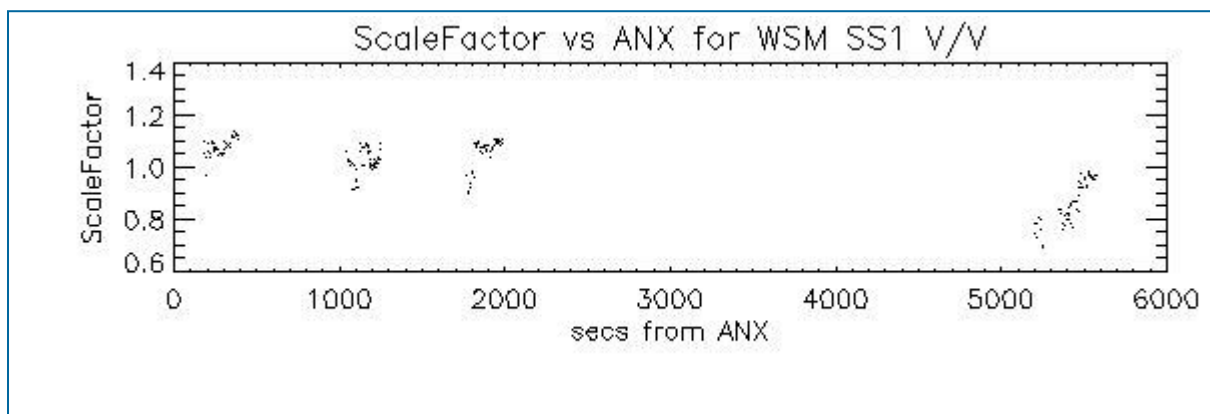




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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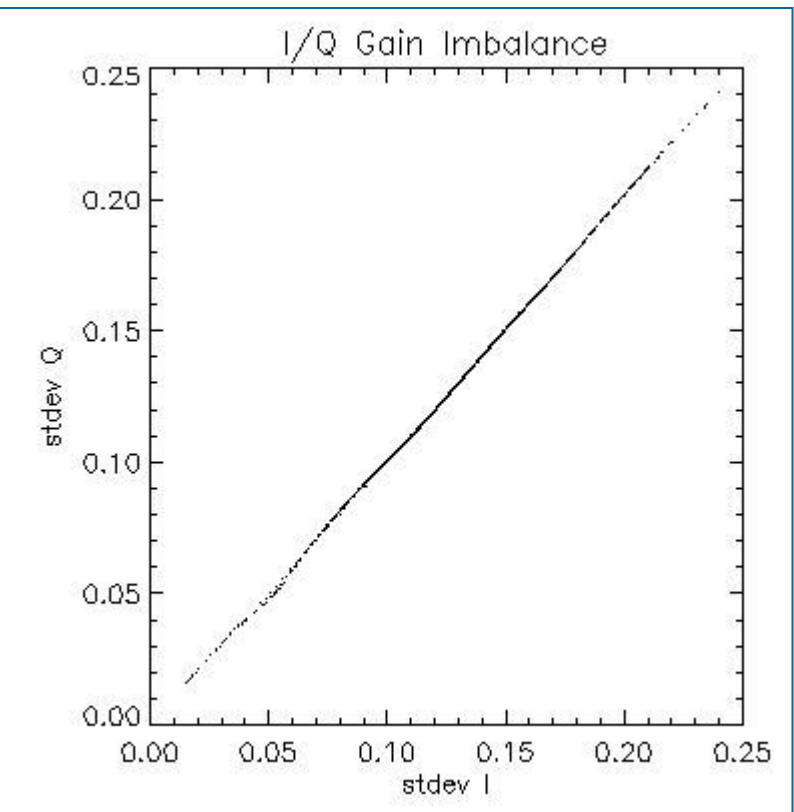
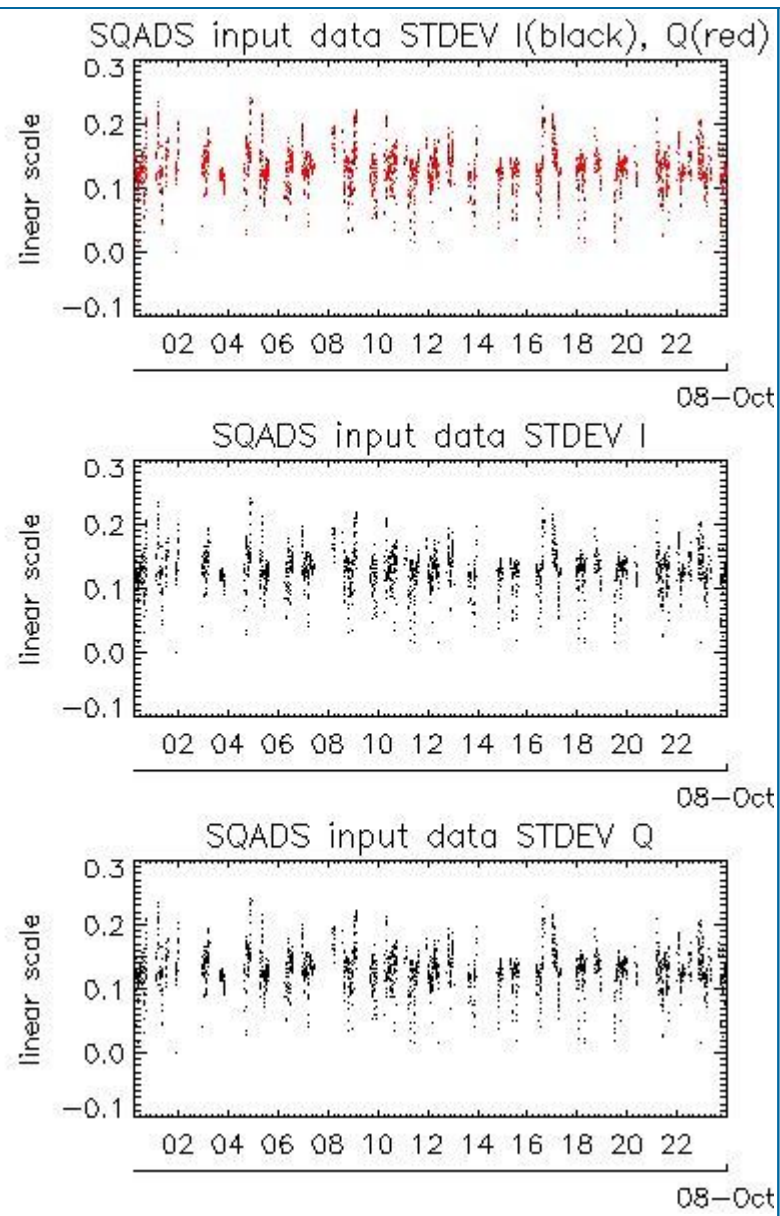
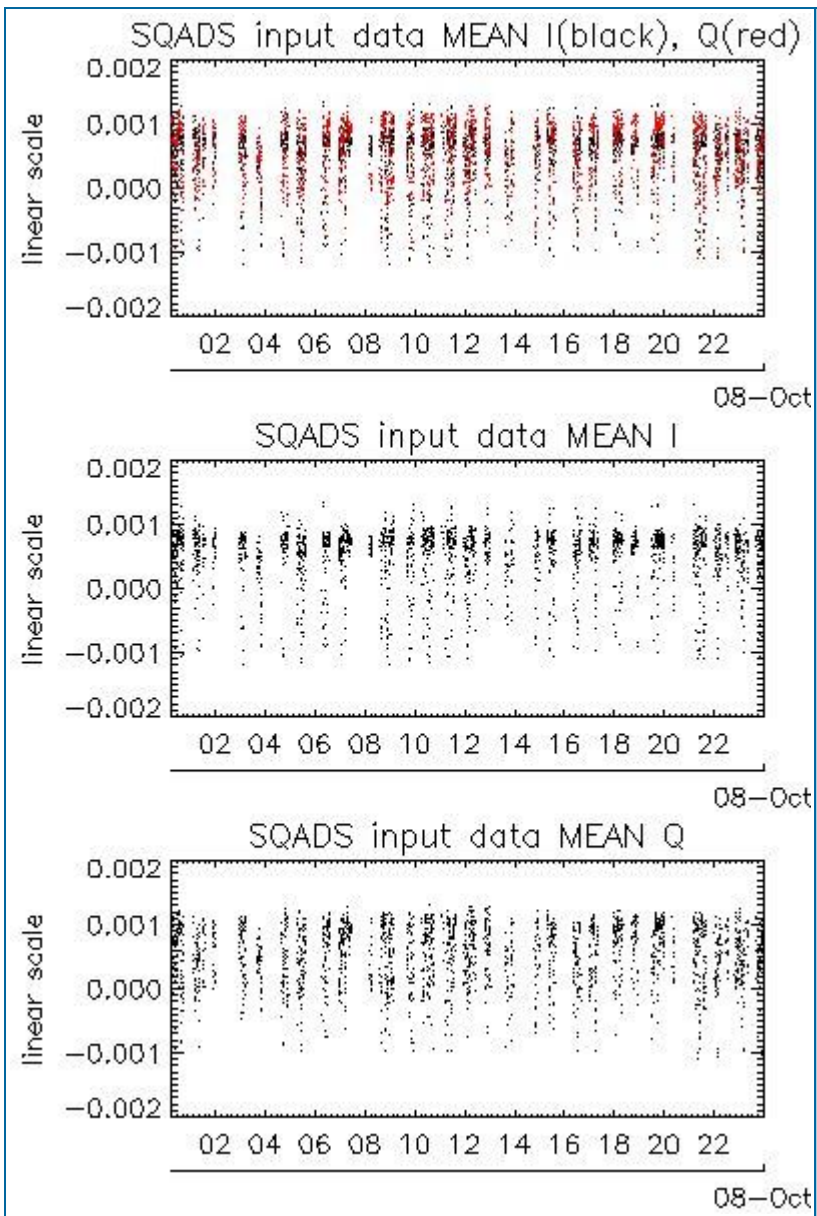
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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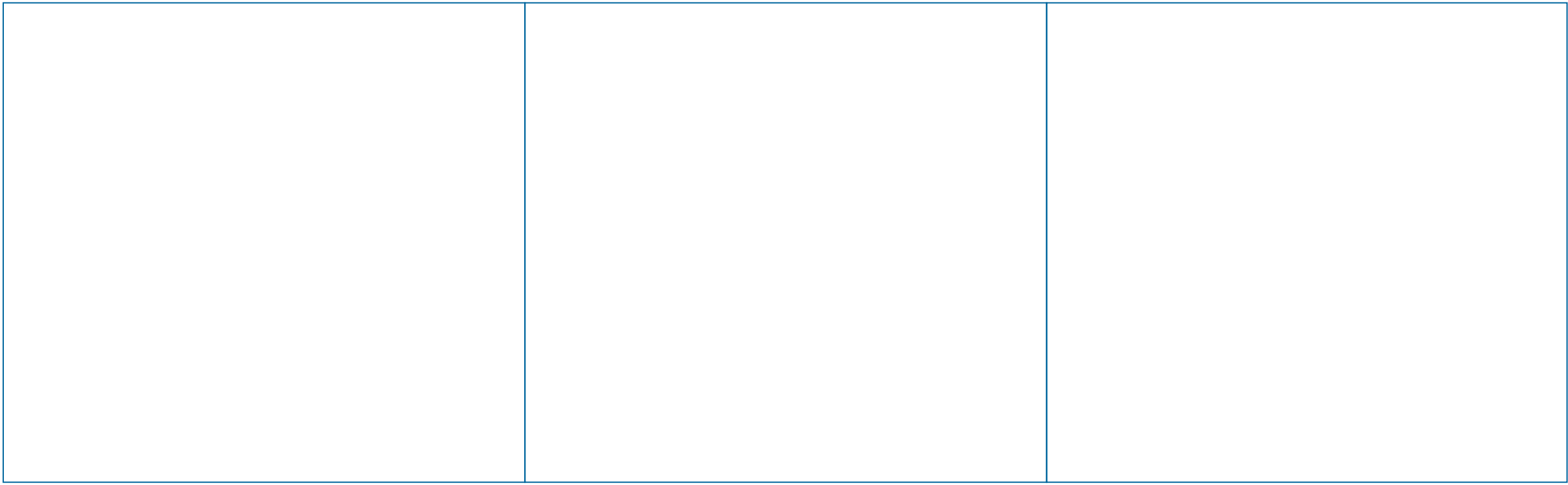


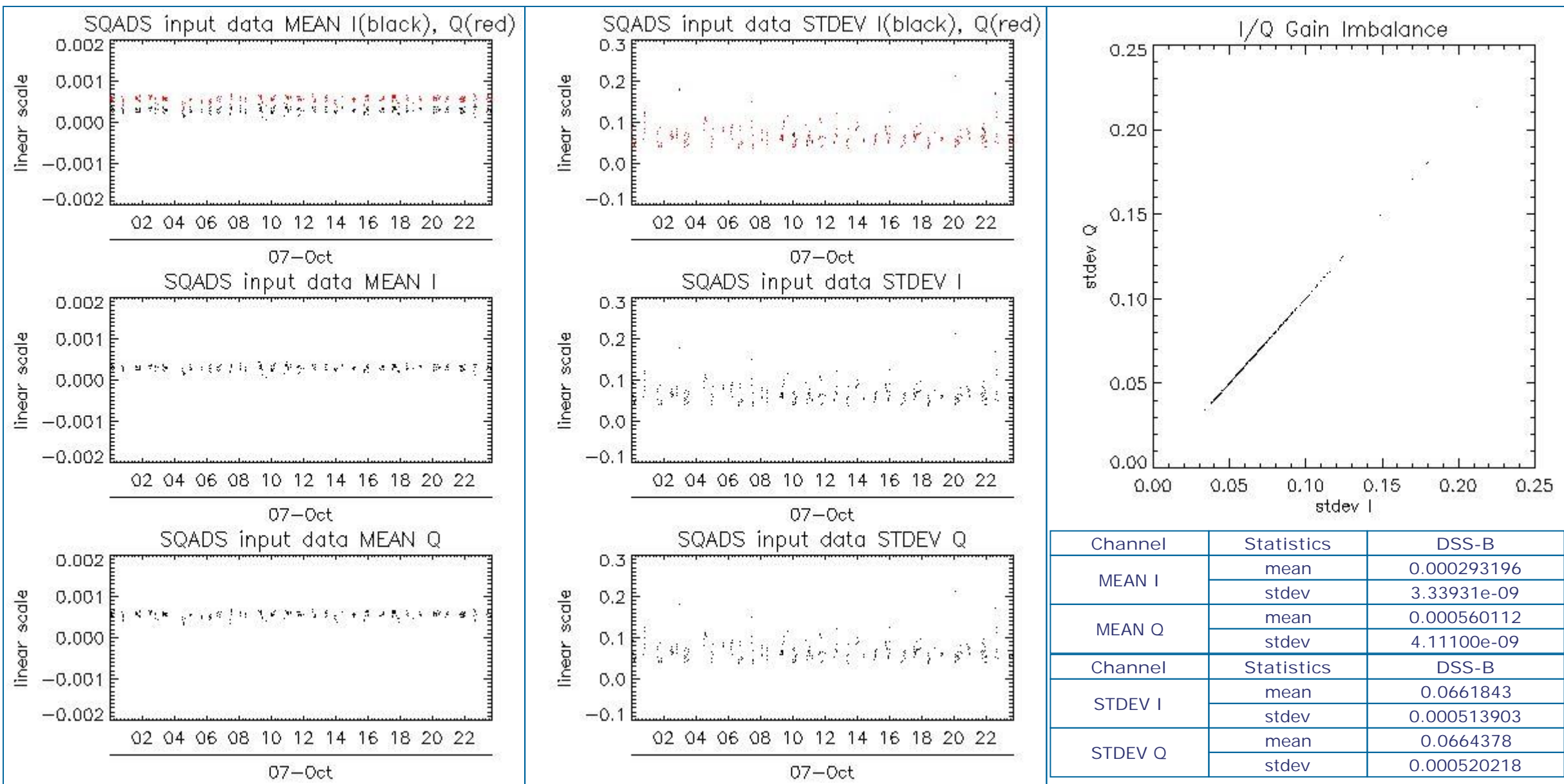


Channel	Statistics	DSS-B
MEAN I	mean	0.000500095
	stdev	2.20548e-07
MEAN Q	mean	0.000530590
	stdev	2.30893e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.129038
	stdev	0.000982113
STDEV Q	mean	0.129323
	stdev	0.000996280

## 7.2 - Analysis for IMM

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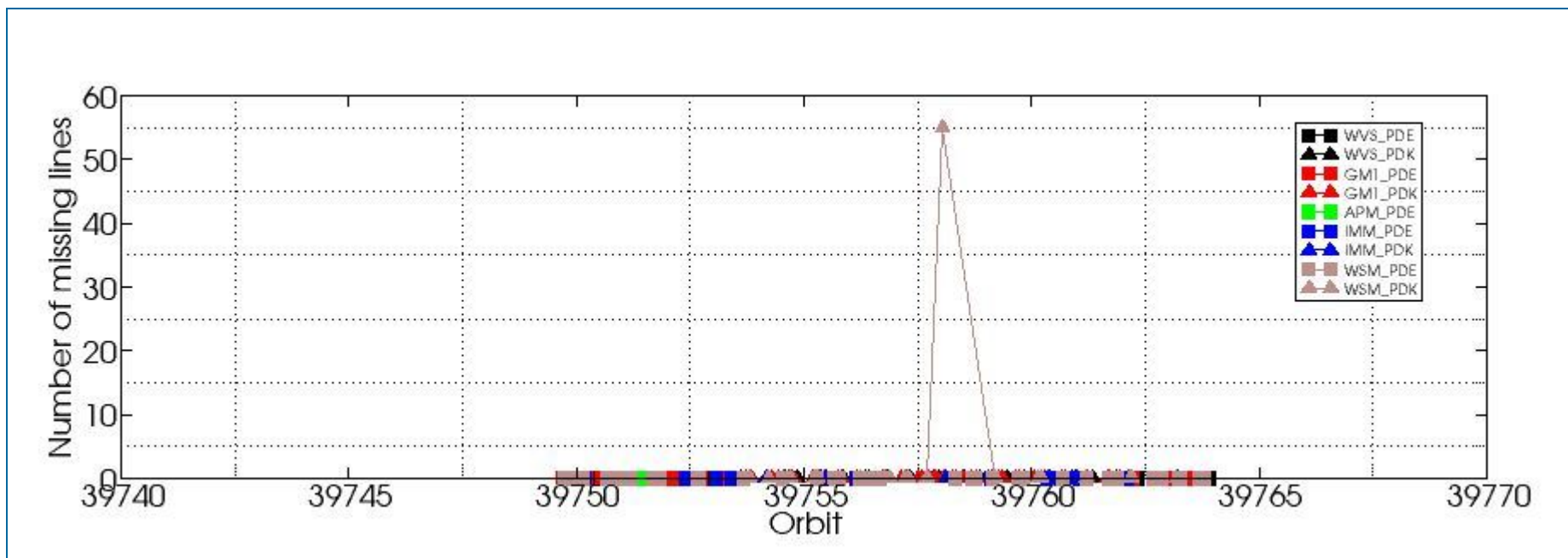
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20091007_135639_000002312083_00125_39758_8318.N1	0	55

### 8.1 - Number of Missing lines

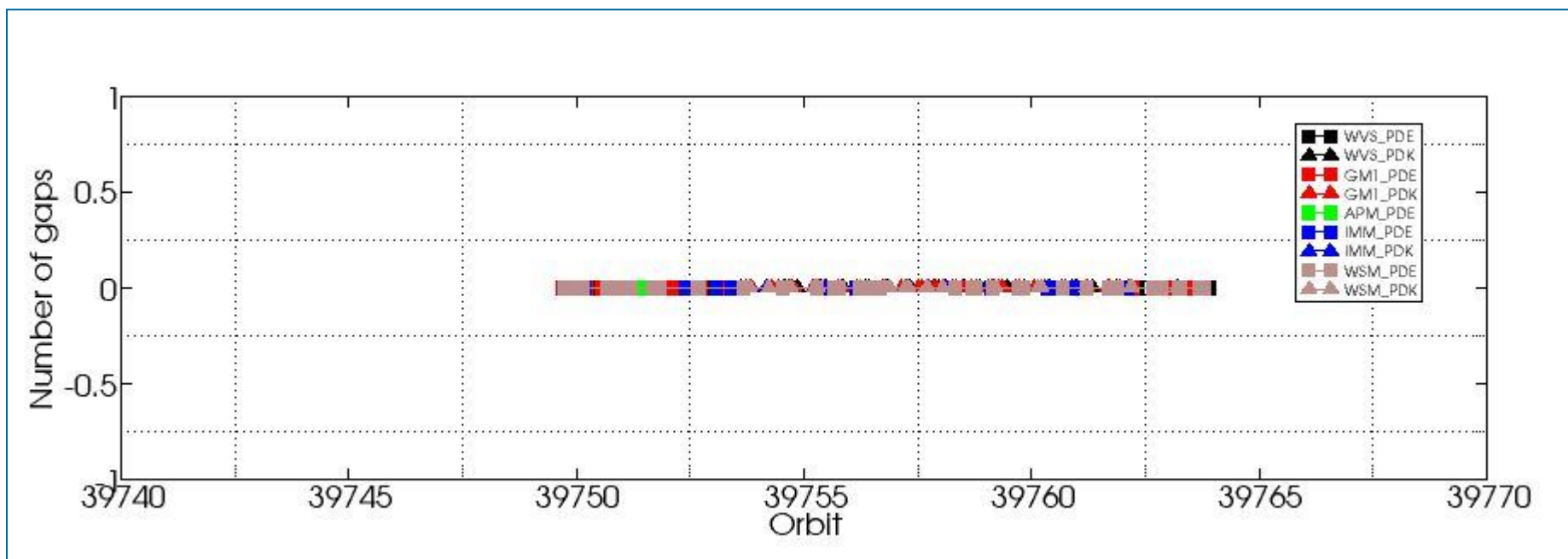
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 091007  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/

DATA SUMMARY

#####  
Summary will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/091007/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/091007/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/AUXILIARY

Creating directory ./RESULTS/DAILY/091007/AUXILIARY...

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



ADF filter 20091007\*current\_3\_IECF\_ADFs.txt  
 Found list 20091007\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/091007/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/091007/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20091007_001307_000002402083_00116_39749_9126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_001622_000016642083_00116_39749_9209.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_010658_000009552083_00117_39750_9191.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_012916_000002852083_00117_39750_9186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_015343_000000292083_00117_39750_9194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_015343_000003452083_00117_39750_9255.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_025717_000007042083_00118_39751_9262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_030847_000003152083_00118_39751_9345.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_034006_000007042083_00118_39751_9324.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_043817_000007942083_00119_39752_9348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_045117_000002402083_00119_39752_9396.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_051504_000013942083_00119_39752_9417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_061640_000009292083_00120_39753_9420.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_211001_000018742083_00129_39762_9709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_220123_000001502083_00129_39762_9714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_220308_000008392083_00129_39762_9764.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_222909_000002852083_00130_39763_9769.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_224954_000014092083_00130_39763_9776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_231820_000002102083_00130_39763_9781.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_234157_000002542083_00130_39763_9786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091007_234527_000016192083_00130_39763_9824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_063155_000002402083_00120_39753_8083.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_065540_000018442083_00120_39753_8090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_081118_000003152083_00121_39754_8132.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_083616_000019792083_00121_39754_8139.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_094049_000009742083_00122_39755_8185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_101652_000017992083_00122_39755_8192.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_110557_00000902083_00123_39756_8216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_111428_000013942083_00123_39756_8224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091007_115727_00000602083_00123_39756_8221.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20091007_144759_000006592083_00125_39758_8329.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20091007_162020_000011542083_00126_39759_8371.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20091007_184938_000003742083_00127_39760_8428.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_GM1.xls...  
Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_GM1.txt...



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ASA_GM1_1PNPDK20091007_174429_000002472083_00127_39760_8413.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20091007_204931_00000782083_00129_39762_8461.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_APM.xls...  
Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20091007_025628_00000432083_00118_39751_9244.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_IMM.xls...  
Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_IMM.txt...

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Analysing WSM products...

Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_WSM.xls...  
Writing file ./RESULTS/DAILY/091007/AUXILIARY/Check\_ADFs\_WSM.txt...

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```





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ASA_WSM_1PNPDK20091007_205628_000001702083_00129_39762_8478.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/091007/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/091007/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

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

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
Test product: ASA\_MS\_\_0PNPDK20091007\_081840\_000000162083\_00121\_39754\_0892.N1  
H  
H  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20091007\_081840-20050922\_062651.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20091007\_081840-20050922\_062651.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20091007\_081840-20050922\_062651.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20091007\_081840-20050922\_062651.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
Test product: ASA\_MS\_\_0PNPDK20091006\_085017\_000000162083\_00107\_39740\_0891.N1  
V  
V  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20091006\_085017-20050923\_055514.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20091006\_085017-20050923\_055514.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20091006\_085017-20050923\_055514.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20091006\_085017-20050923\_055514.png

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

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20091005\_092154\_000000162083\_00093\_39726\_0890.N1  
Test product: ASA\_MS\_\_0PNPDK20091007\_081840\_000000162083\_00121\_39754\_0892.N1  
H  
H  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20091007\_081840-20091005\_092154.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20091007\_081840-20091005\_092154.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20091007\_081840-20091005\_092154.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20091007\_081840-20091005\_092154.png

Polarization: V

Reference product: ASA\_MS\_0PNPDK20091004\_095331\_000000162083\_00079\_39712\_0889.N1

Test product: ASA\_MS\_0PNPDK20091006\_085017\_000000162083\_00107\_39740\_0891.N1

V  
V

../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20091006\_085017-20091004\_095331.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20091006\_085017-20091004\_095331.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20091006\_085017-20091004\_095331.png  
../../RESULTS/DAILY/091007/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20091006\_085017-20091004\_095331.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/091007/CALIBRATION\_PULSES...

\*\*\*\*\*

\*\*\*\*\*

ALL ROWS Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-07\_1.dat...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-07\_2.dat...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-07\_3.dat...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-10-07\_4.dat...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-07\_1.dat...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-07\_2.dat...



Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-07\_3.dat...  
 Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/091007/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-10-07\_4.dat...  
 Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/091007//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/091007/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
 Writing file ./RESULTS/DAILY/091007/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-10-07.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091007/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
 Writing file ./RESULTS/DAILY/091007/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-10-07.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091007/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER JUMPS Analysis will be performed on WSM products from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing by default products WSM  
 Getting doppler jumps data for WSM from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
 Writing file ./RESULTS/DAILY/091007/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-10-07.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/091007/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
 Writing file ../../RESULTS/DAILY/091007/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER MAP Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing products WVS IS2 V/V  
 Loading predicted doppler values....  
 Phase: descending  
 Found data...  
 Computing mean error doppler estimated-predicted...  
 Mean error = -32.921728 Hz  
 Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -27.411632 Hz

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/091007//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 = -16.677886 Hz

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -25.684161 Hz

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../../RESULTS/DAILY/091007//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/091007/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 H/H from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...

Writing file ./RESULTS/DAILY/091007/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2009-10-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/091007/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../../RESULTS/DAILY/091007/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...

Writing file ./RESULTS/DAILY/091007/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2009-10-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/091007/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../../RESULTS/DAILY/091007/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS  
#####  
Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/RAW\_DATA

Creating directory ./RESULTS/DAILY/091007/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_WVS\_2009-10-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2009-10-07 00:00:00 to 2009-10-07 23:59:59...  
Writing file ./RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_IMM\_2009-10-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/091007/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS  
#####  
Analysis will be performed from 2009-10-07 00:00:00 to 2009-10-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/091007/TELEMETRY

Creating directory ./RESULTS/DAILY/091007/TELEMETRY...

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

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 23 products from PDE...  
Checking 53 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 3 products from PDE...  
No products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 15 products from PDE...  
Checking 5 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 61 products from PDE...  
Checking 20 products from PDK...



Found product...ASA\_WSM\_1PNPDK20091007\_135639\_000002312083\_00125\_39758\_8318.N1 / 0 gaps / 55 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/091007/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/091007/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2009-10-07

\*\*\*\*\*

Scanning directory /nfs-store/ASAR\_Data//ASA\_GM\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_GM\_BP/JPG/20091007/

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

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nfs-store/ASAR\_Data//ASA\_AP\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_AP\_BP/JPG/20091007/

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

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nfs-store/ASAR\_Data//ASA\_IM\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_IM\_BP/JPG/20091007/

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

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nfs-store/ASAR\_Data//ASA\_WS\_BP...

Results will be exported to the directory: /nfs-store/ASAR\_Data//ASA\_WS\_BP/JPG/20091007/

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

\*\*\*\*\*

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/091007/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_1PNPDE20091007_024820_000000462083_00118_39751_9240.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091007_024910_000000432083_00118_39751_9242.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091007_025628_000000432083_00118_39751_9244.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_1PNPDE20091007_005051_000009302083_00117_39750_9183.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_012342_000003322083_00117_39750_9188.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_014027_000004102083_00117_39750_9196.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_021550_000006102083_00118_39751_9252.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_023414_000008452083_00118_39751_9257.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_025013_000003742083_00118_39751_9259.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_033222_000004592083_00118_39751_9321.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_035230_00000782083_00119_39752_9319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_035927_000018132083_00119_39752_9360.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_043404_000001812083_00119_39752_9330.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_050219_000007612083_00119_39752_9414.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_054250_000016252083_00120_39753_9426.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_205459_000000842083_00129_39762_9702.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_205925_000006342083_00129_39762_9706.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_214200_000000842083_00129_39762_9704.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_214952_000001382083_00129_39762_9711.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_221754_000005192083_00130_39763_9766.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_224523_000002712083_00130_39763_9771.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_231403_000001382083_00130_39763_9773.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_231629_000001082083_00130_39763_9783.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_232236_000000962083_00130_39763_9778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091007_232753_000004472083_00130_39763_9788.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_064318_000003502083_00120_39753_8482.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_065239_000001812083_00120_39753_8085.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_073335_000004222083_00121_39754_8087.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_073947_000005982083_00121_39754_8121.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_075539_000004532083_00121_39754_8123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_080715_000002412083_00121_39754_8127.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_081713_000000842083_00121_39754_8125.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_081958_000001442083_00121_39754_8129.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_082638_000005732083_00121_39754_8134.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_090952_000002832083_00122_39755_8136.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_091655_000001082083_00122_39755_8141.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_092522_000002292083_00122_39755_8176.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_093504_000002892083_00122_39755_8180.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_100628_000001632083_00122_39755_8178.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_101351_000001812083_00122_39755_8182.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_104836_000002772083_00123_39756_8187.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_105502_000001752083_00123_39756_8189.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_114630_000001502083_00123_39756_8218.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_115046_000003982083_00123_39756_8226.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_122608_000004532083_00124_39757_8228.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091007_123550_000002532083_00124_39757_8230.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_IMM_1PNPDE20091007_061159_000002112083_00120_39753_9445.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091007_093950_000000512083_00122_39755_9485.N1	OK	OK	OK	OK
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ASA_IMM_1PNPDE20091007_154429_000001552083_00126_39759_9588.N1	OK	OK	OK	OK
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ASA_IMM_1PNPDE20091007_204657_000000422083_00129_39762_9739.N1	OK	OK	OK	OK
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ASA_IMM_1PNPDK20091007_124110_000000922083_00124_39757_8249.N1	OK	OK	OK	OK
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Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

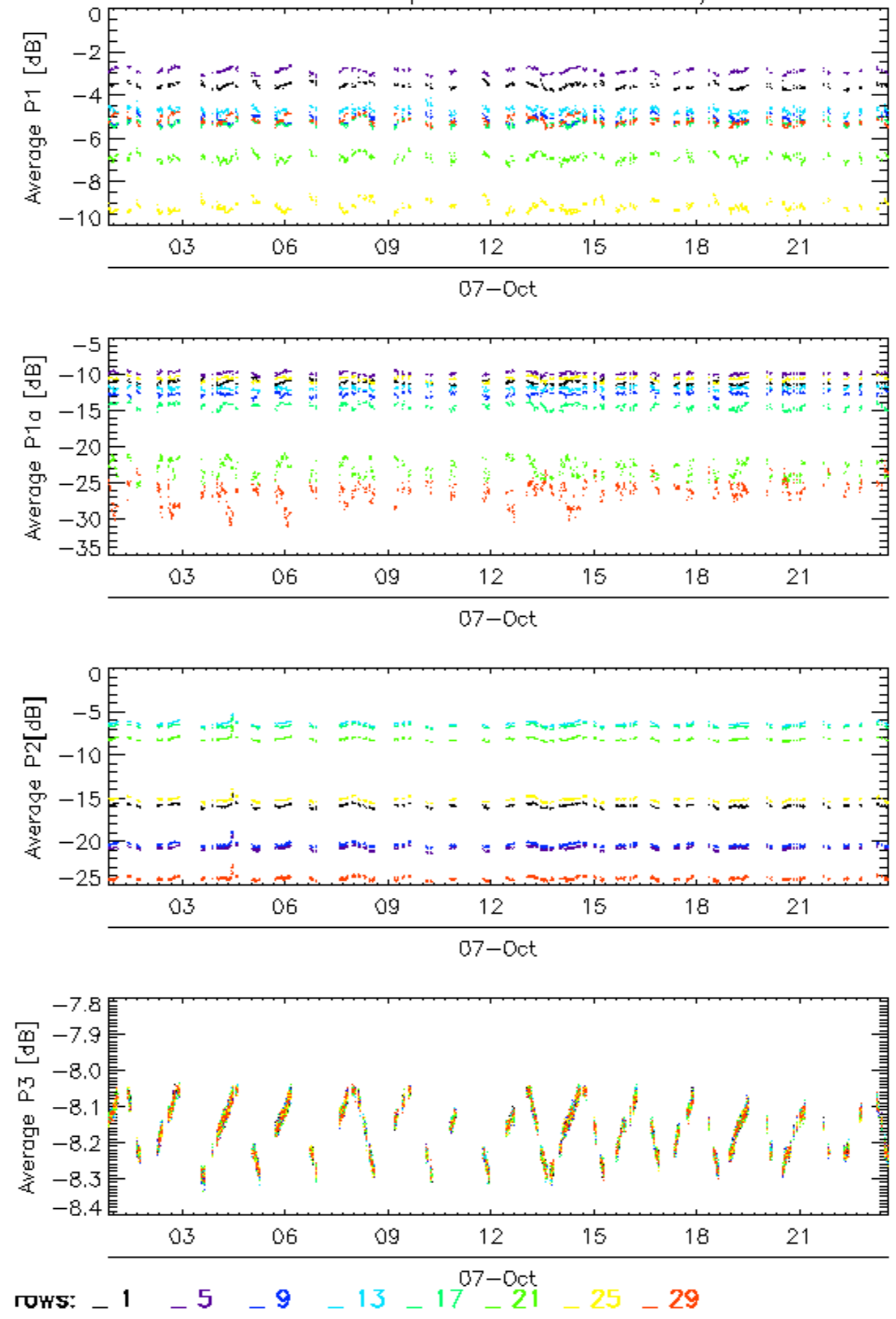
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ASA_WSM_1PNPDE20091007_001033_000000552083_00116_39749_9169.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091007_001229_000000182083_00116_39749_9173.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091007_013551_000002692083_00117_39750_9236.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091007_014724_000003362083_00117_39750_9311.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20091007_015236_000000242083_00117_39750_9234.N1					OK	OK	OK	OK
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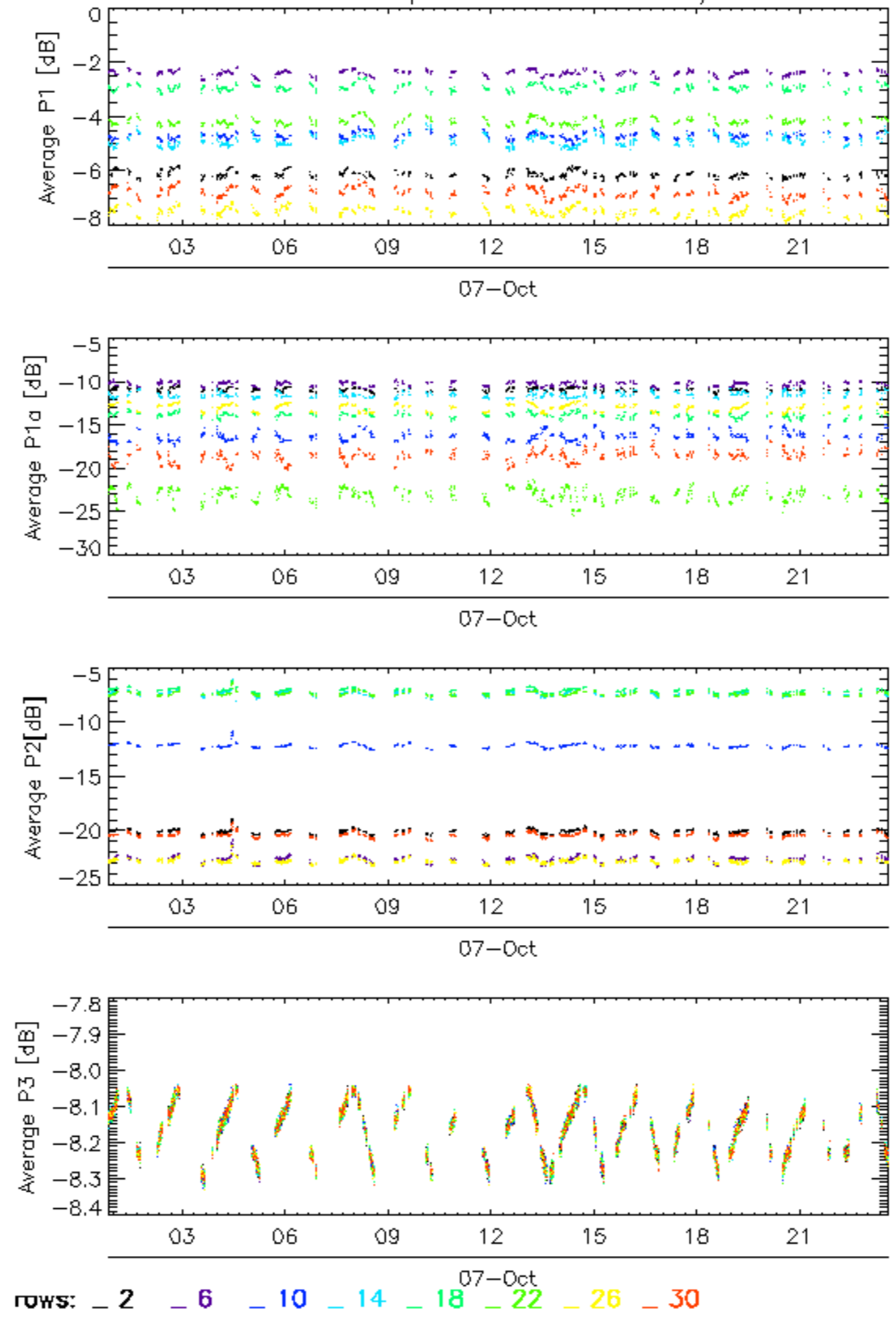
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### Calibration pulses for GM1 SS3 H/H

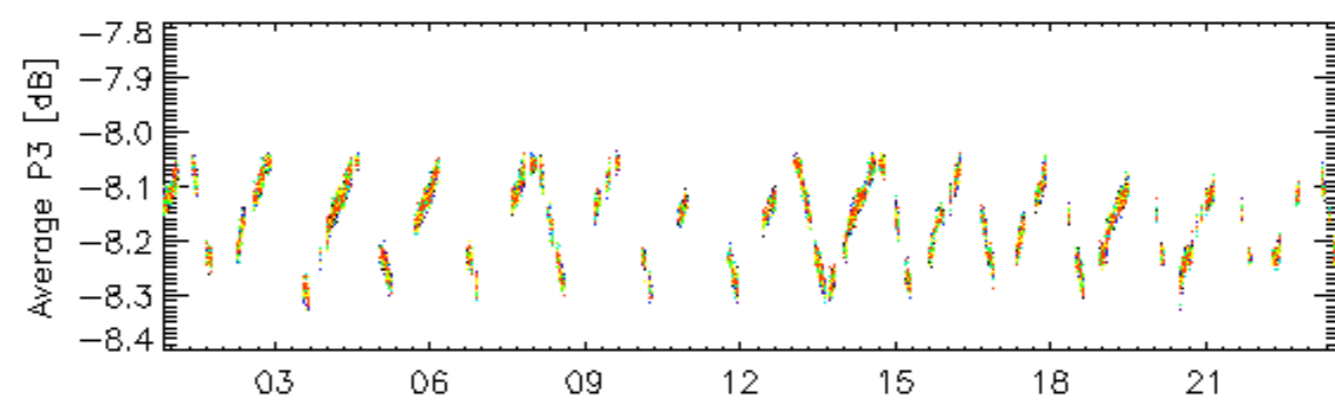
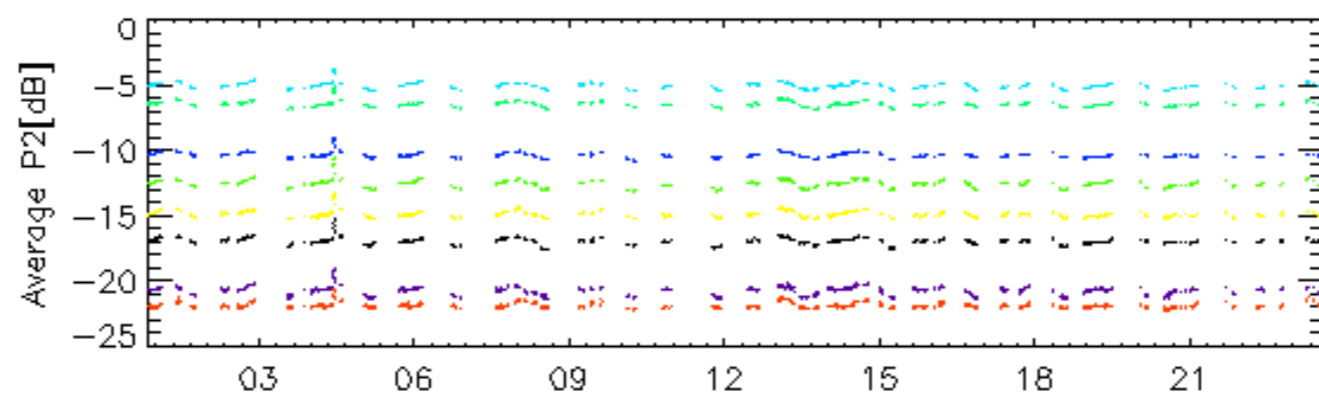
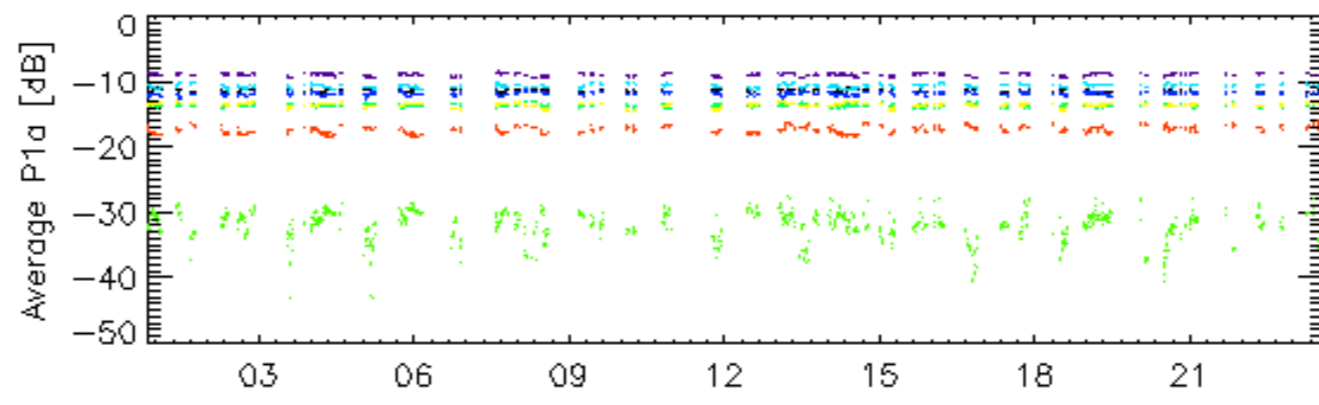
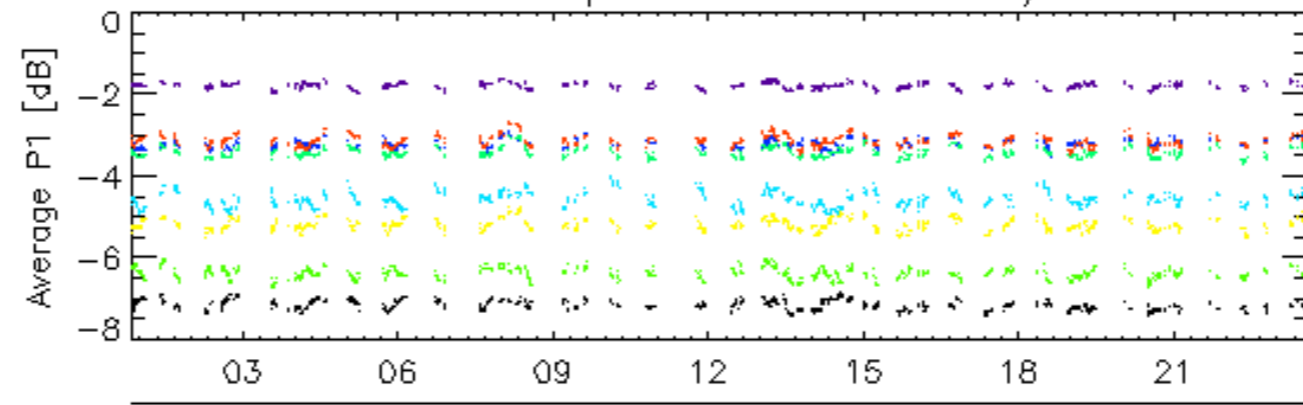




### Calibration pulses for GM1 SS3 H/H

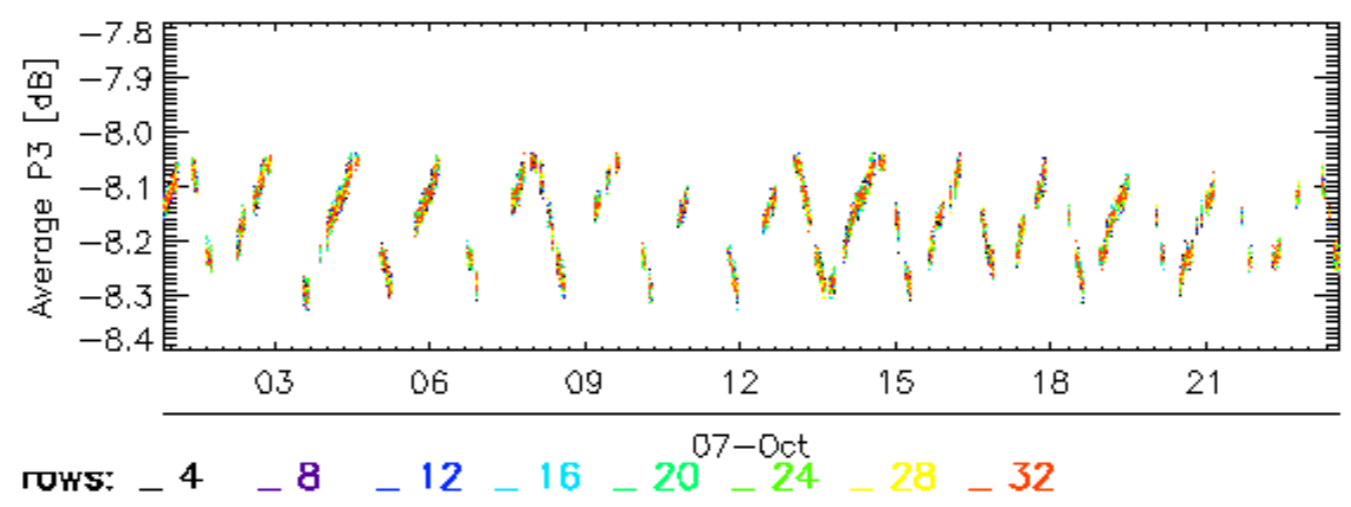
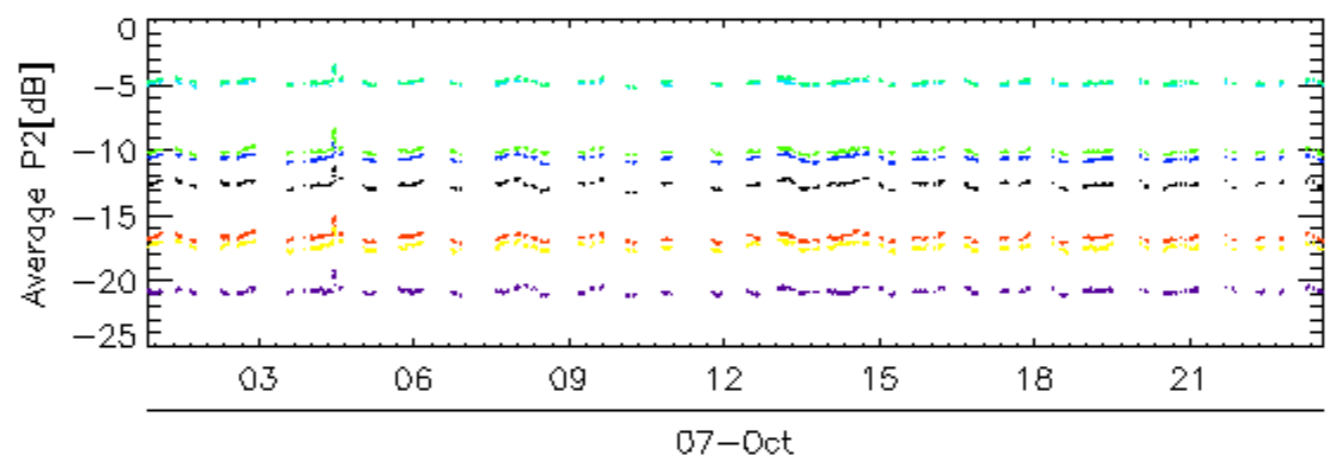
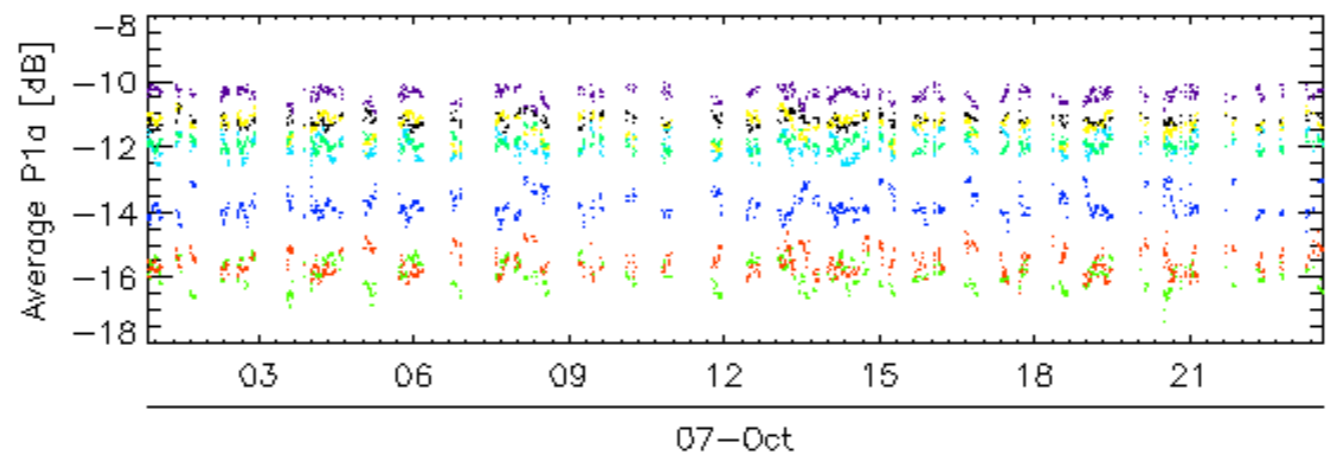
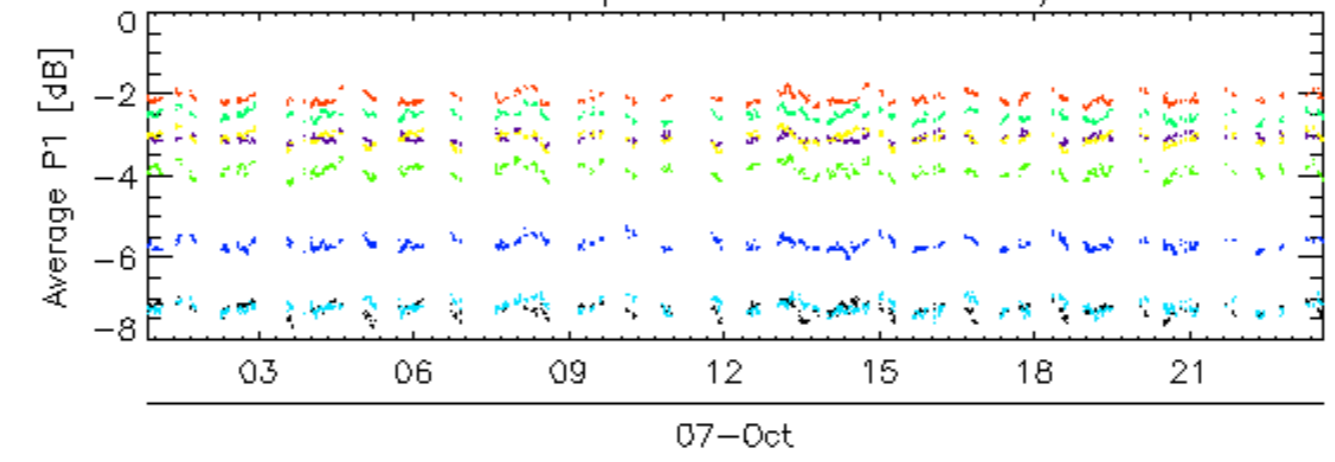


Calibration pulses for GM1 SS3 H/H

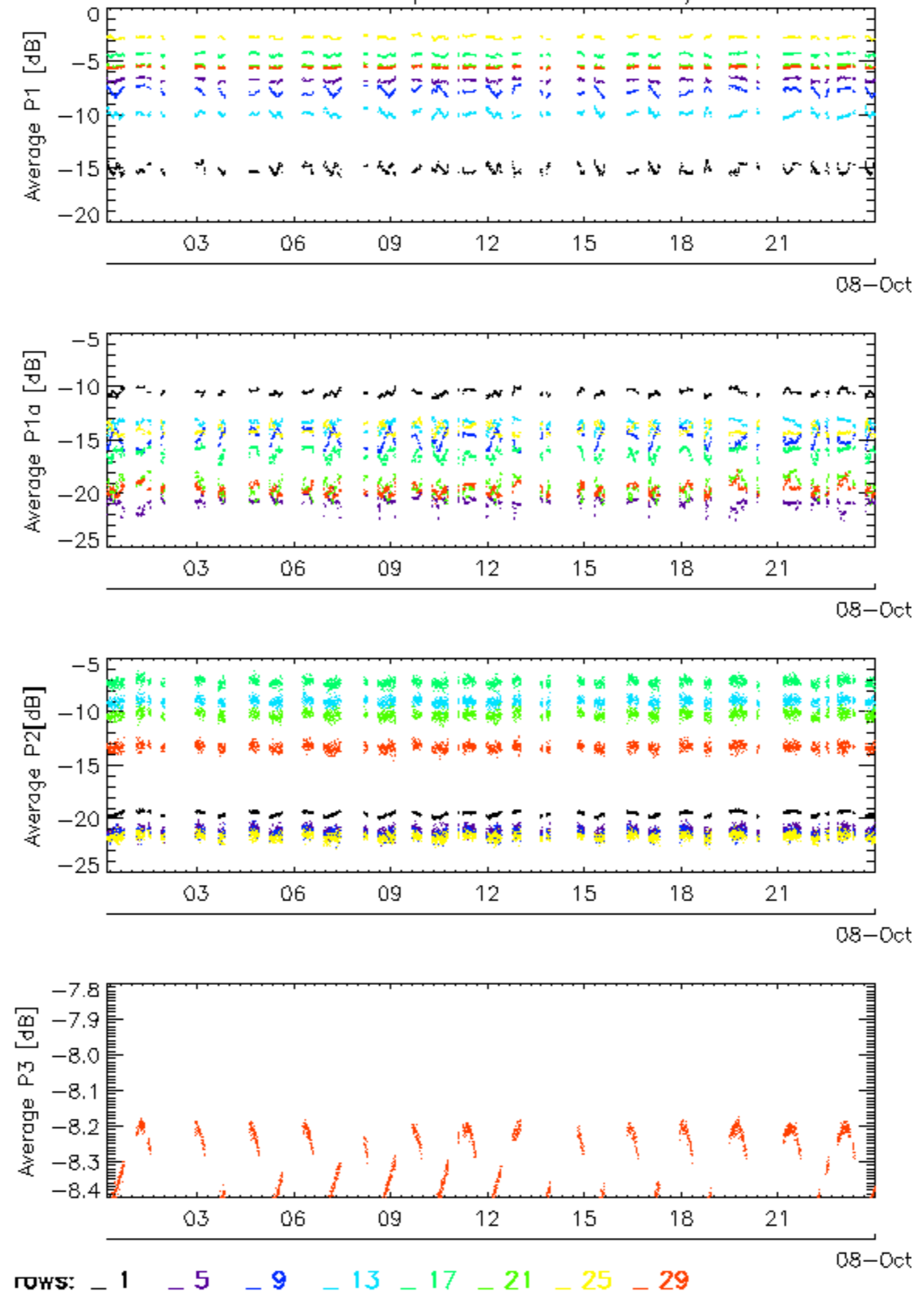


rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

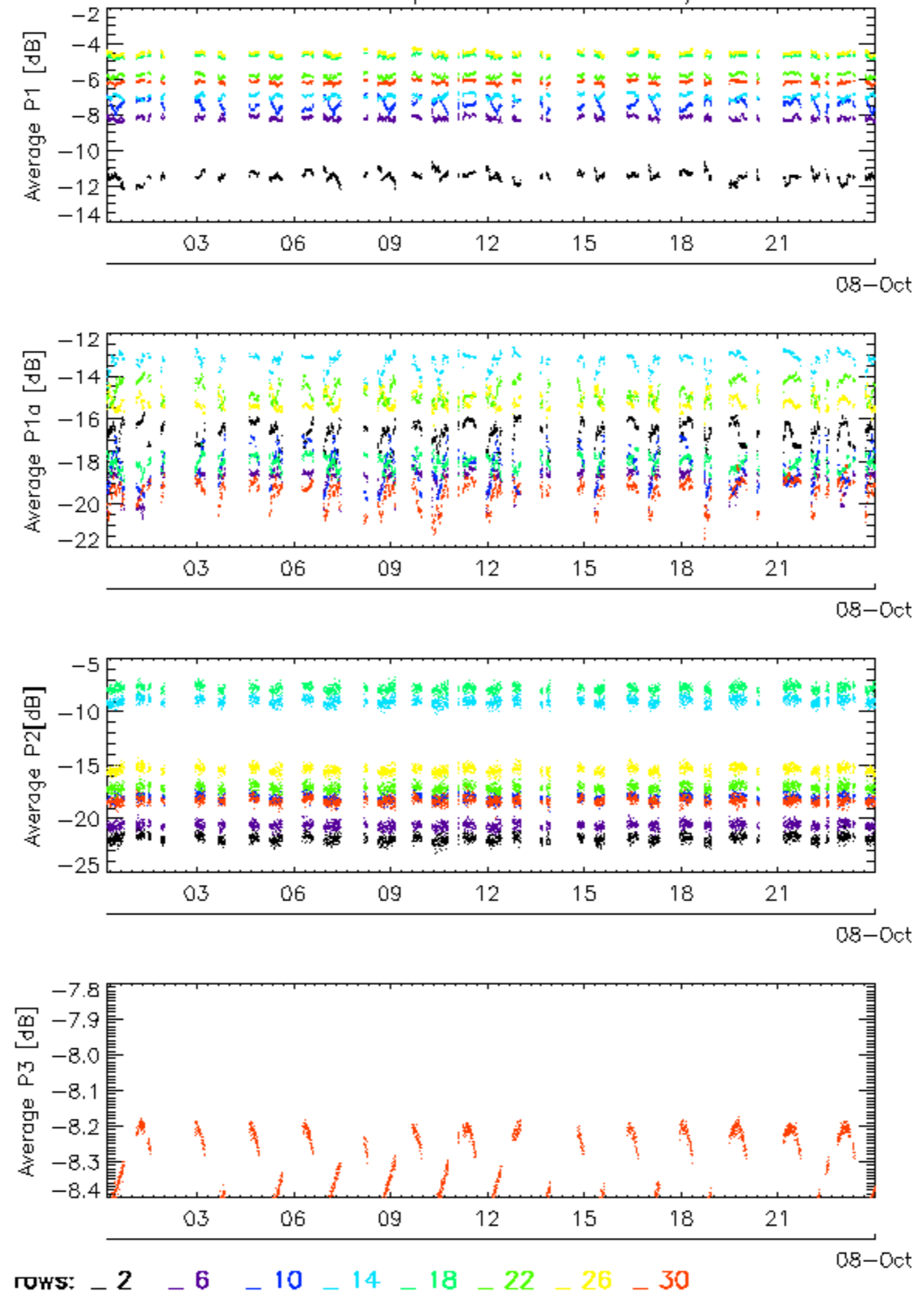
### Calibration pulses for GM1 SS3 H/H



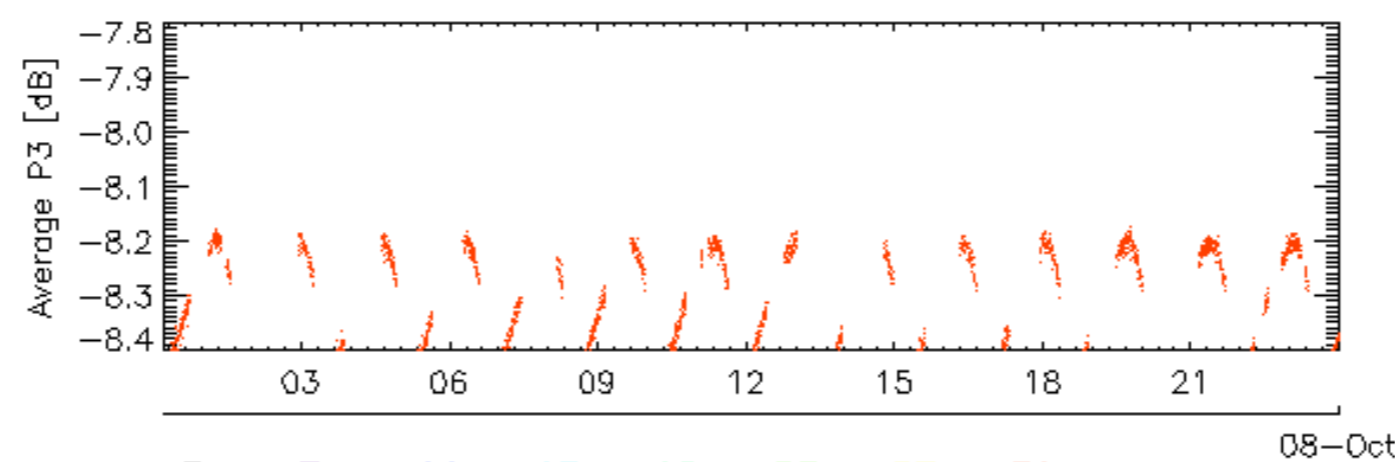
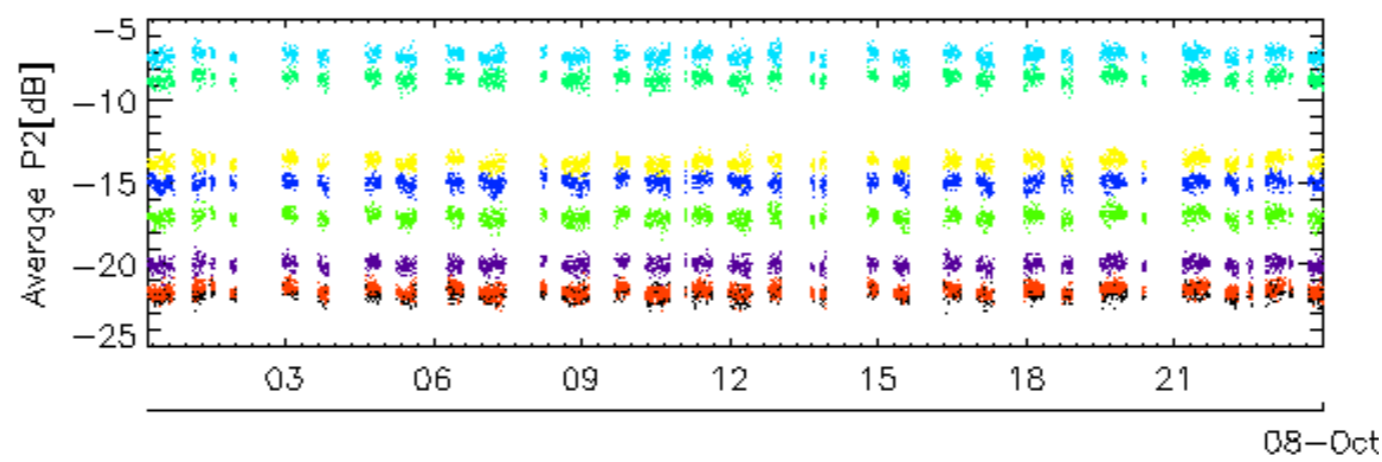
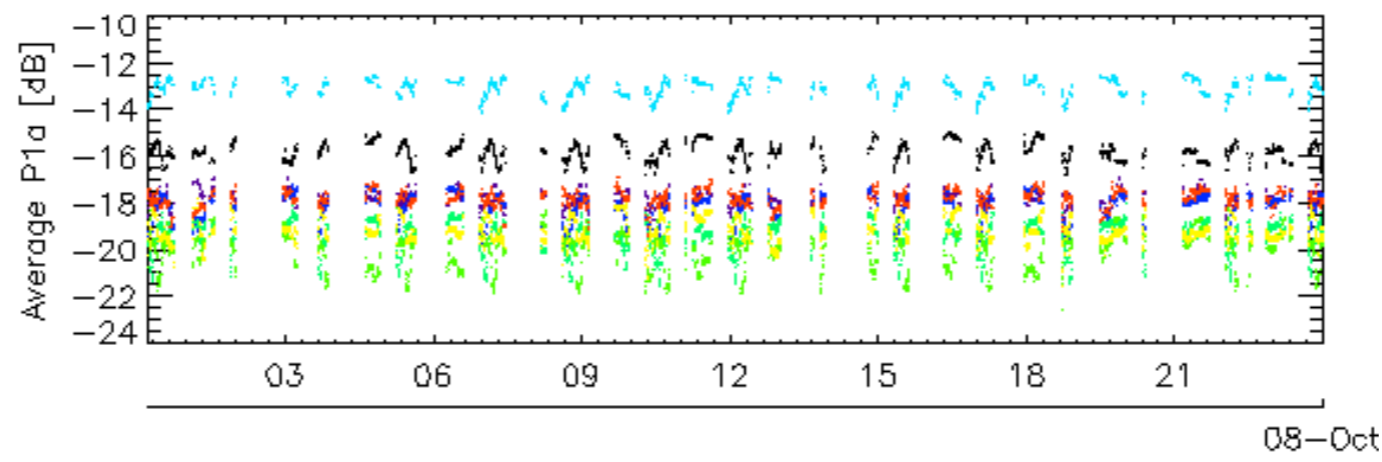
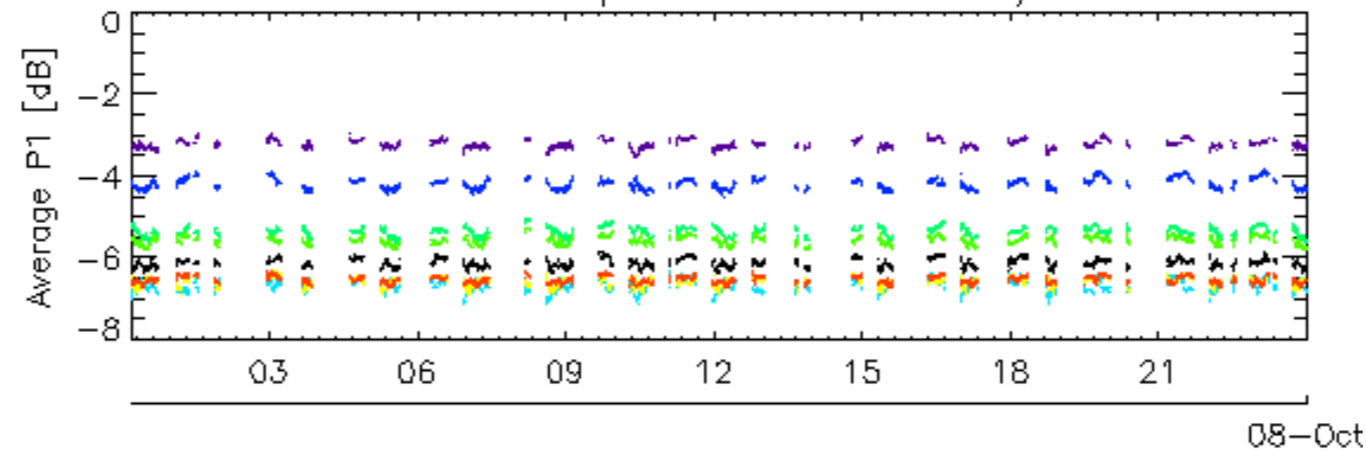
### Calibration pulses for WVS IS2 V/V



### Calibration pulses for WVS IS2 V/V

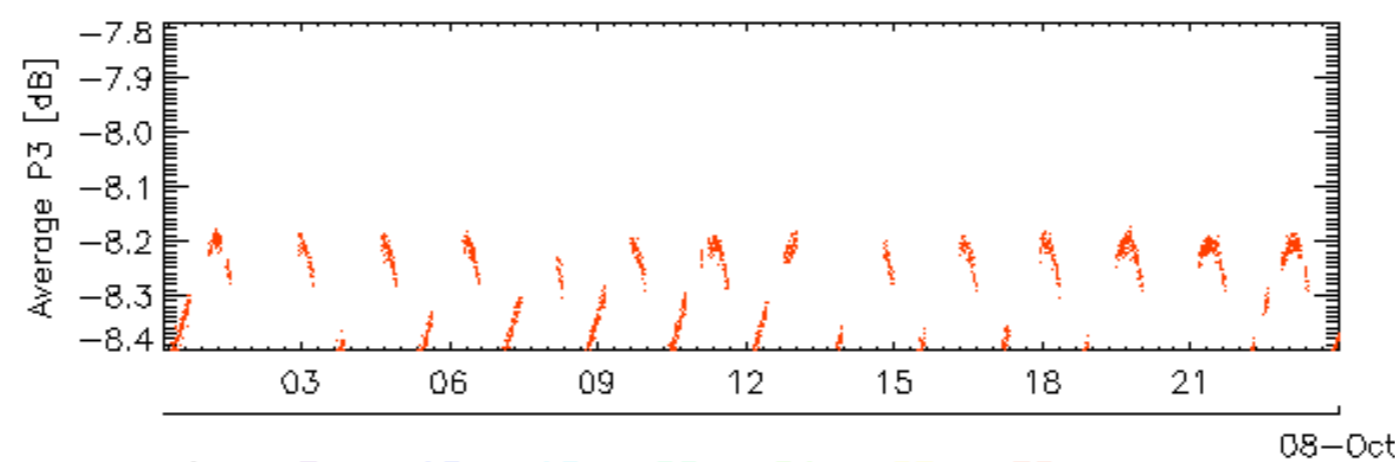
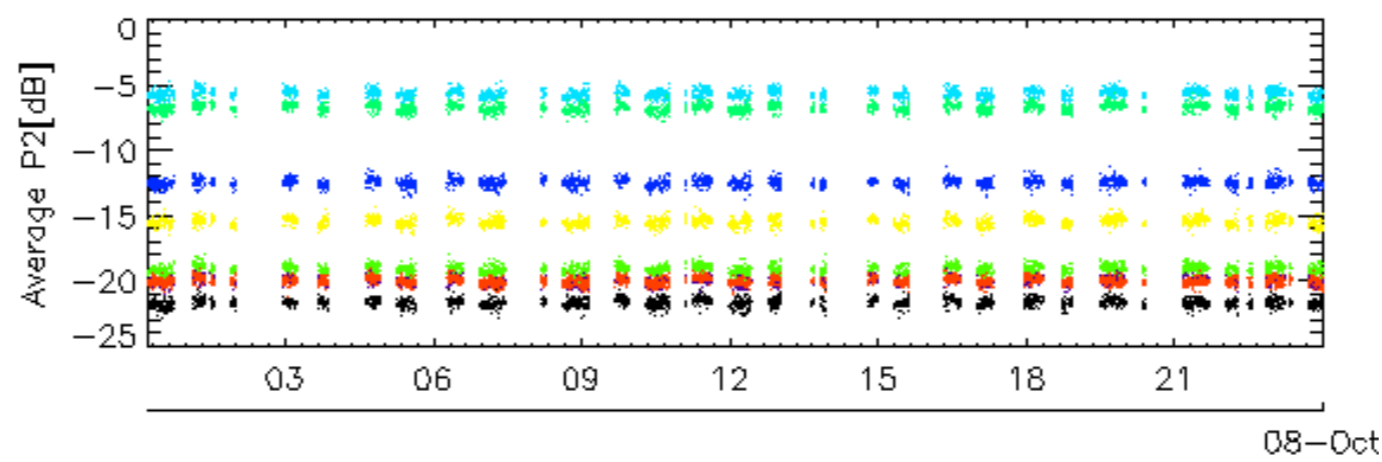
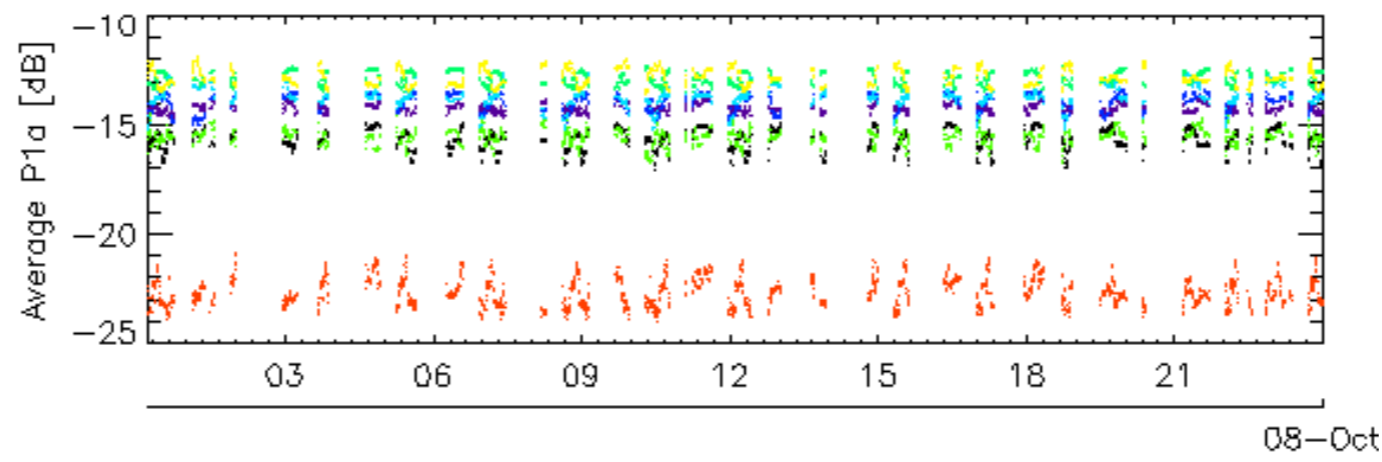
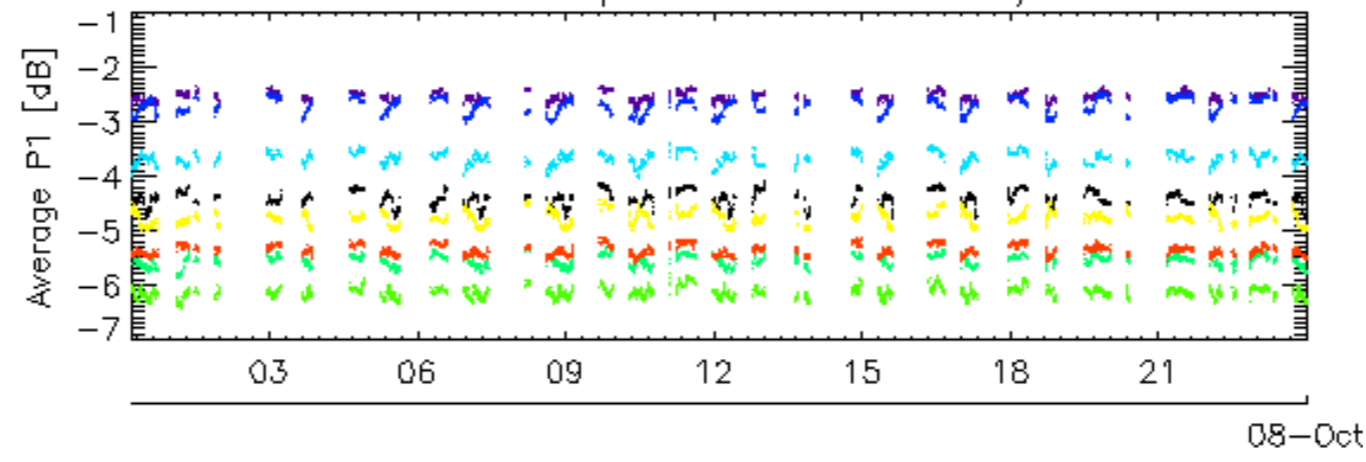


### Calibration pulses for WVS IS2 V/V

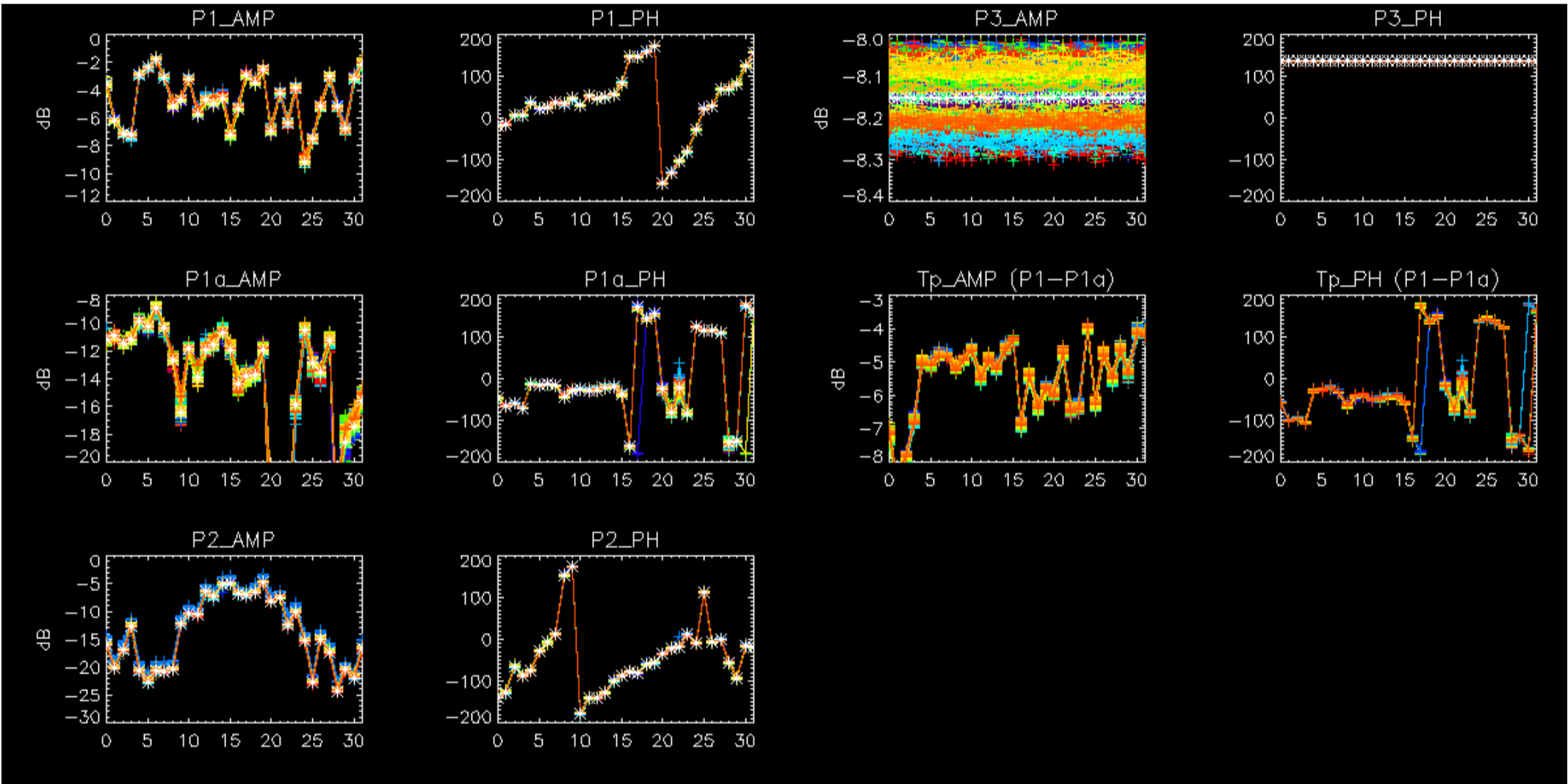


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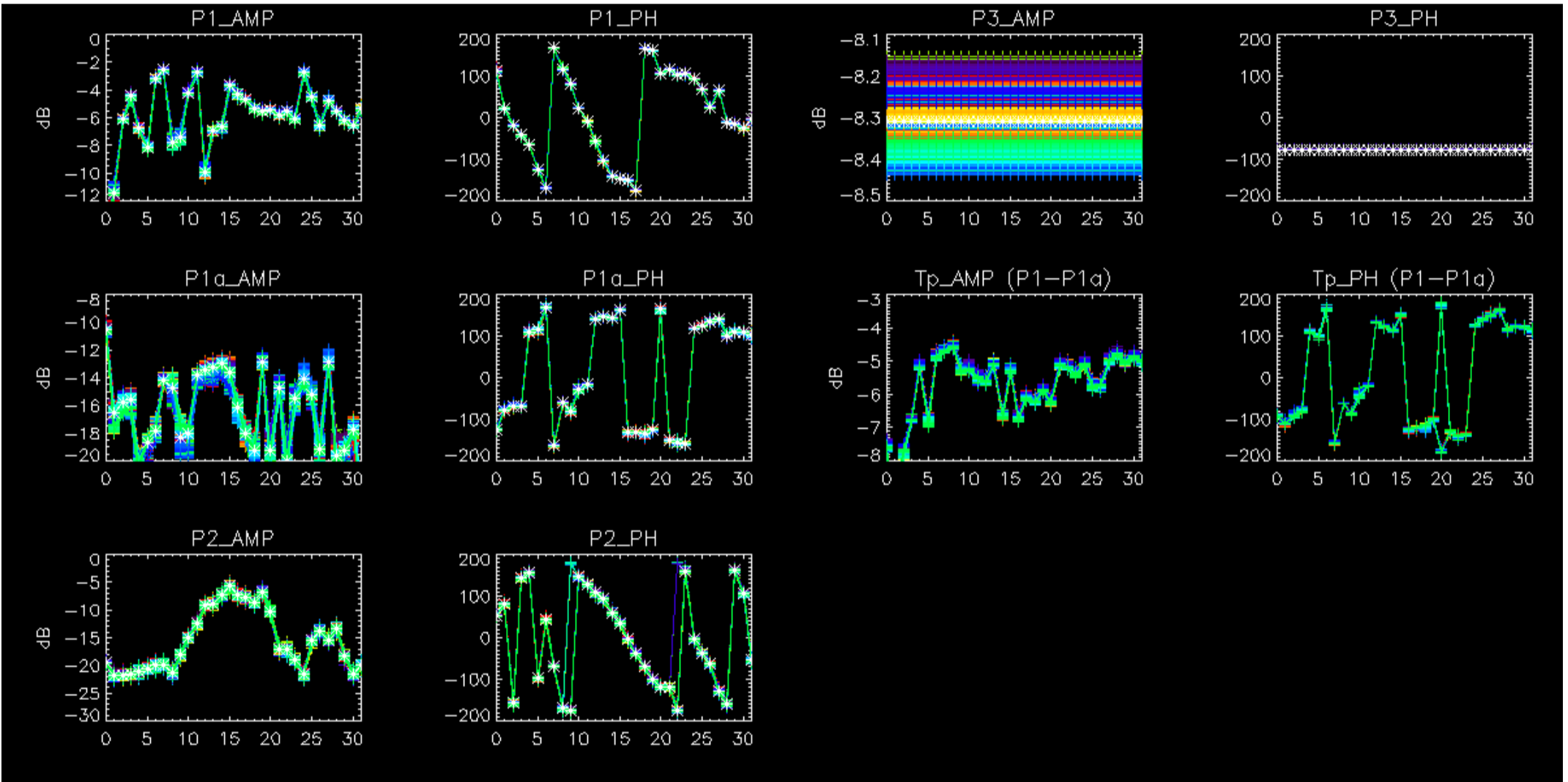
### Calibration pulses for WVS IS2 V/V

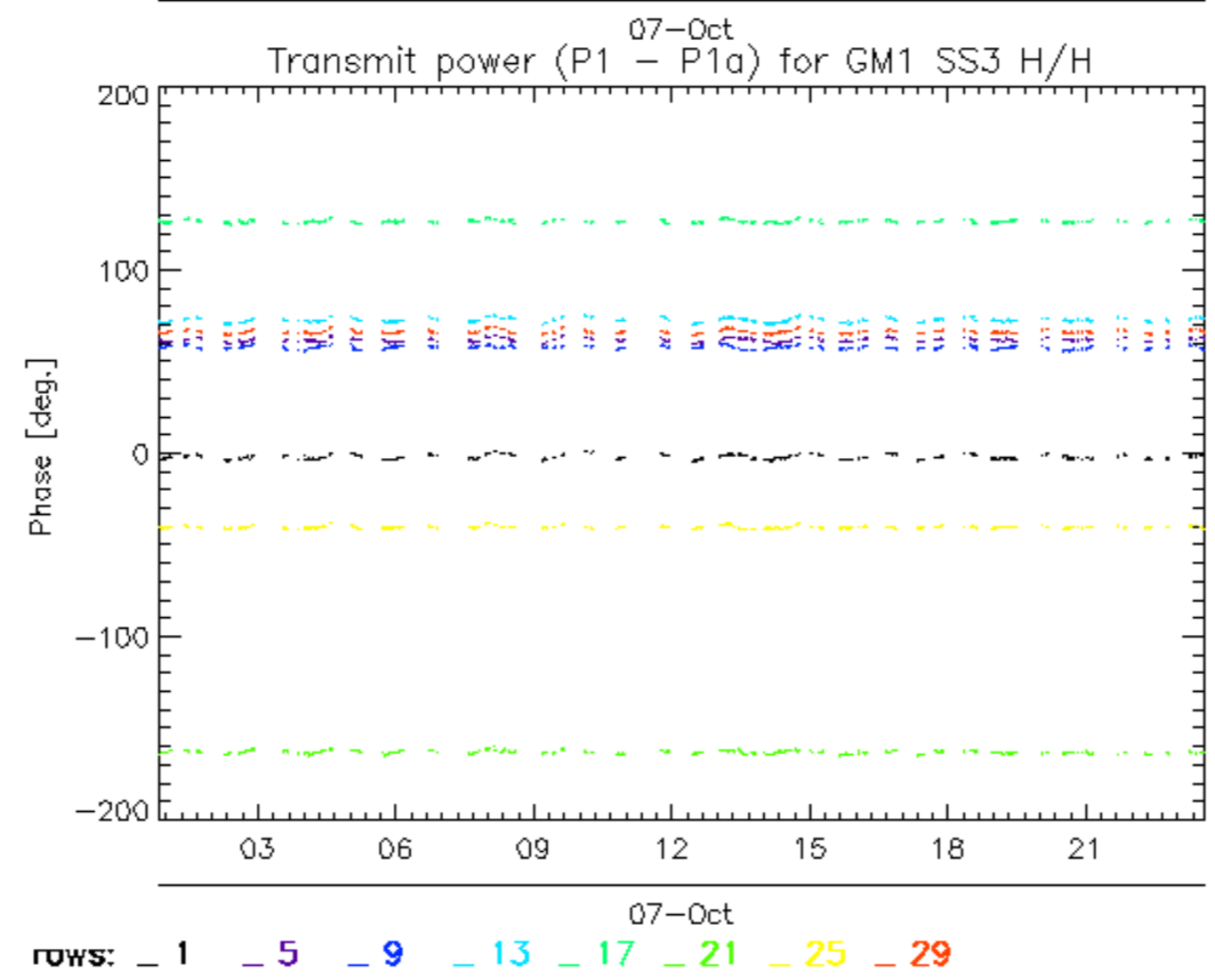
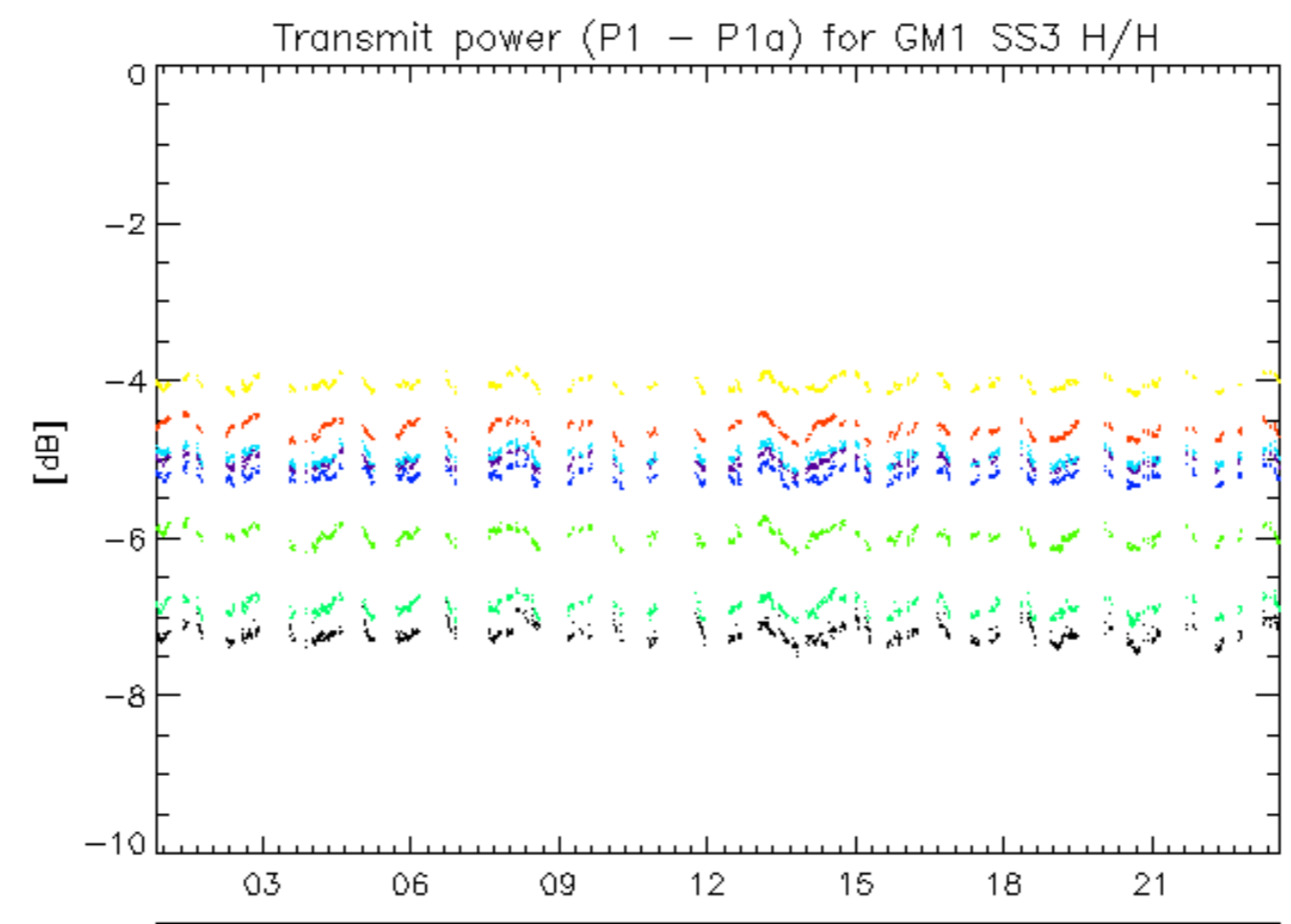


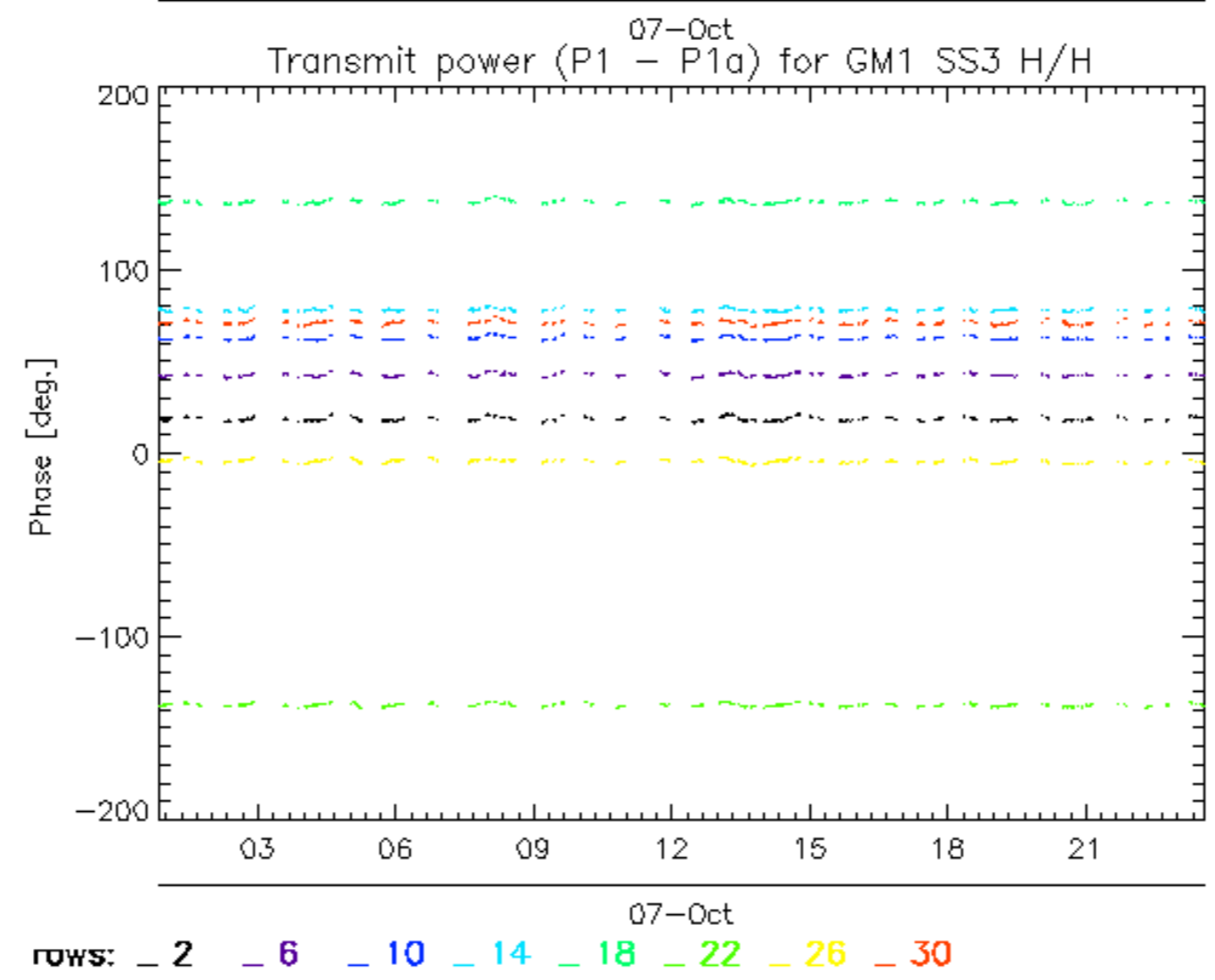
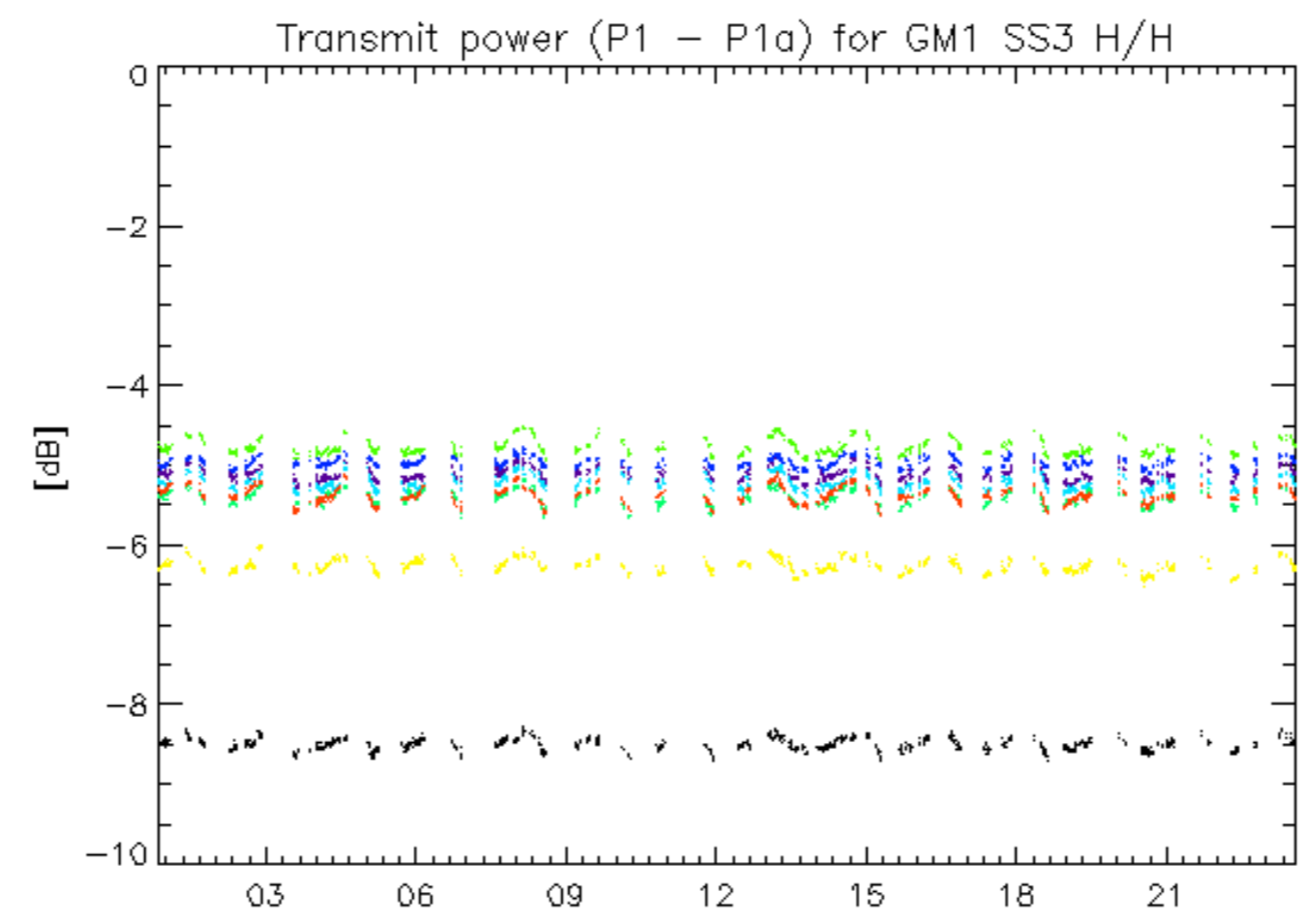
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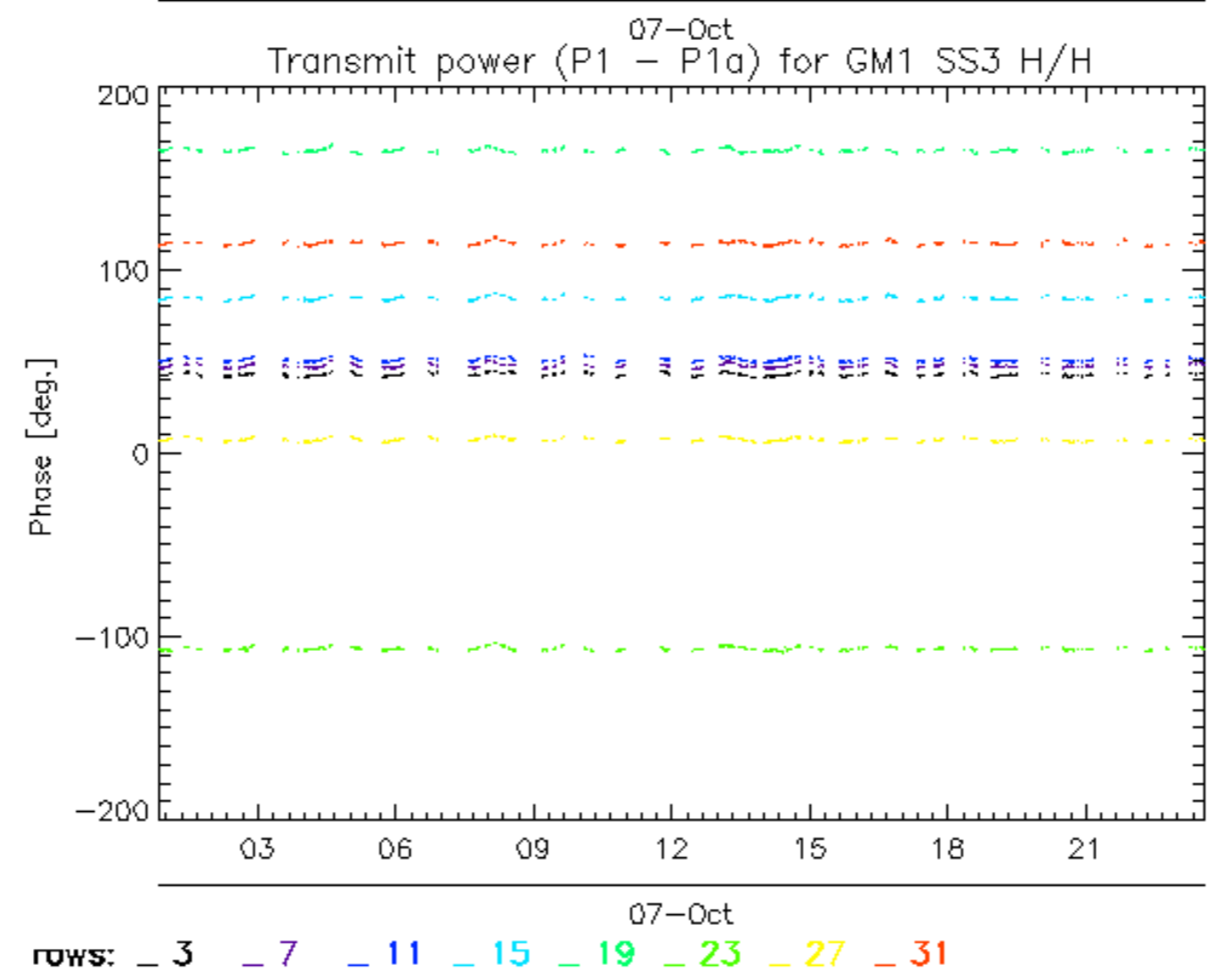
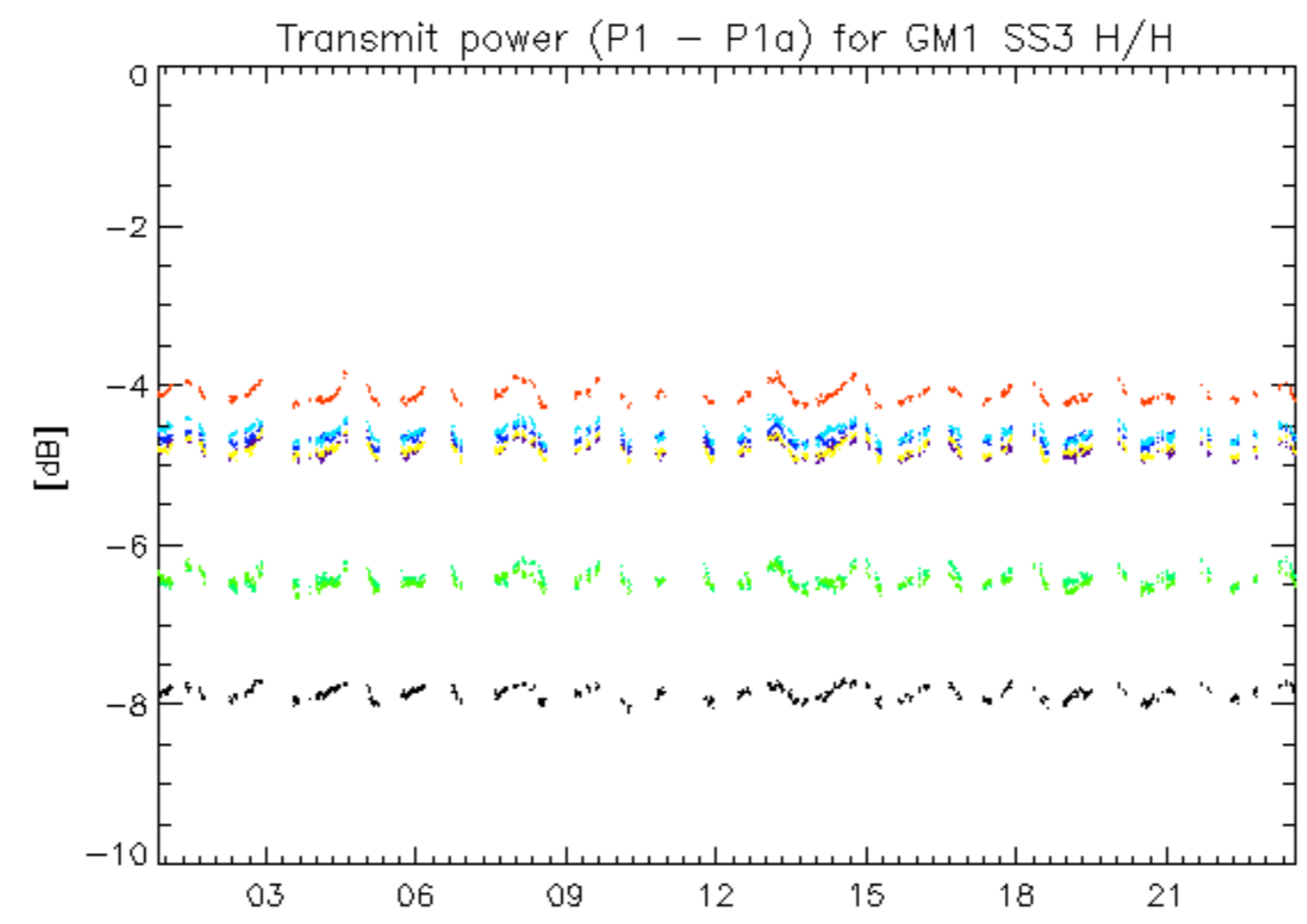


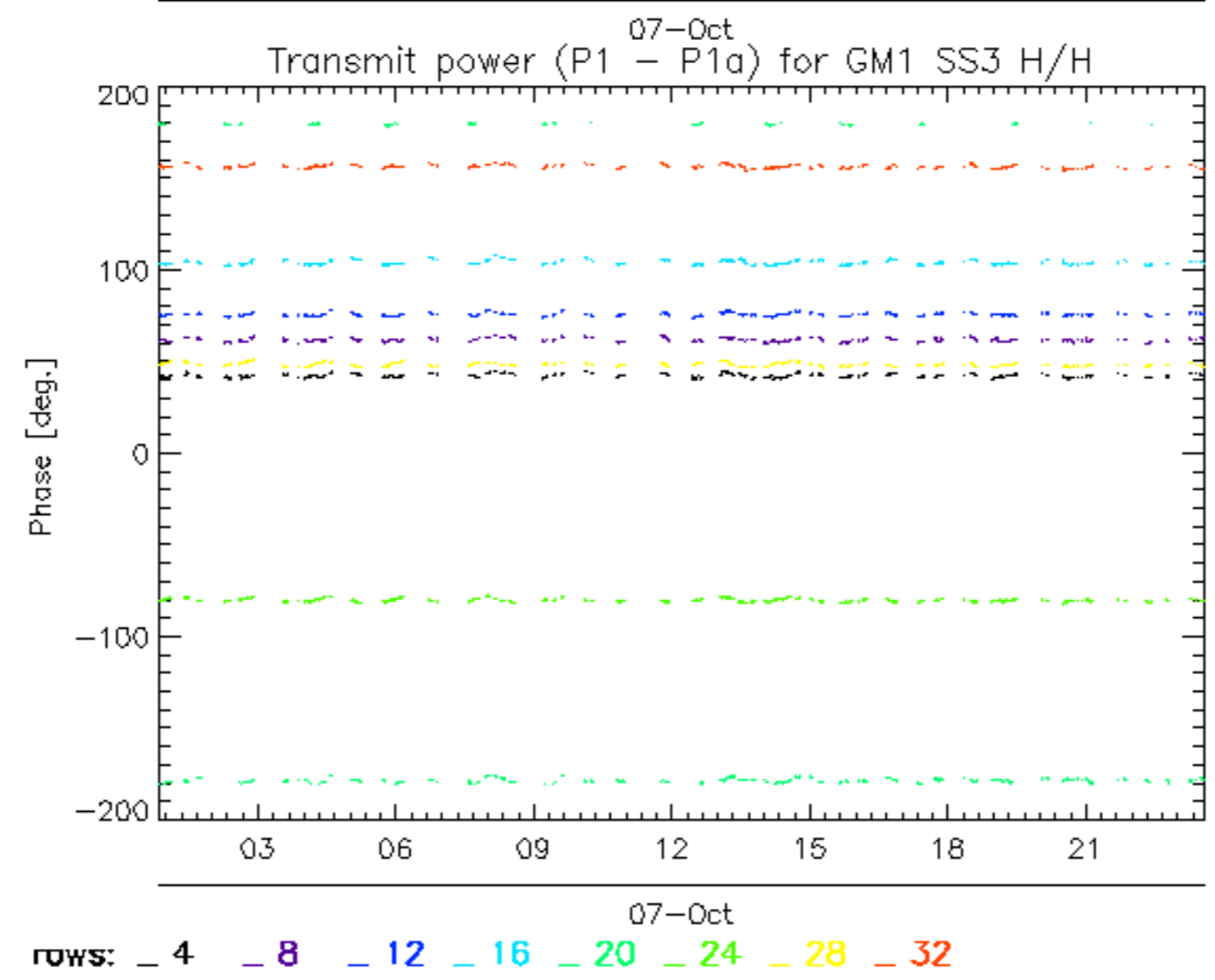
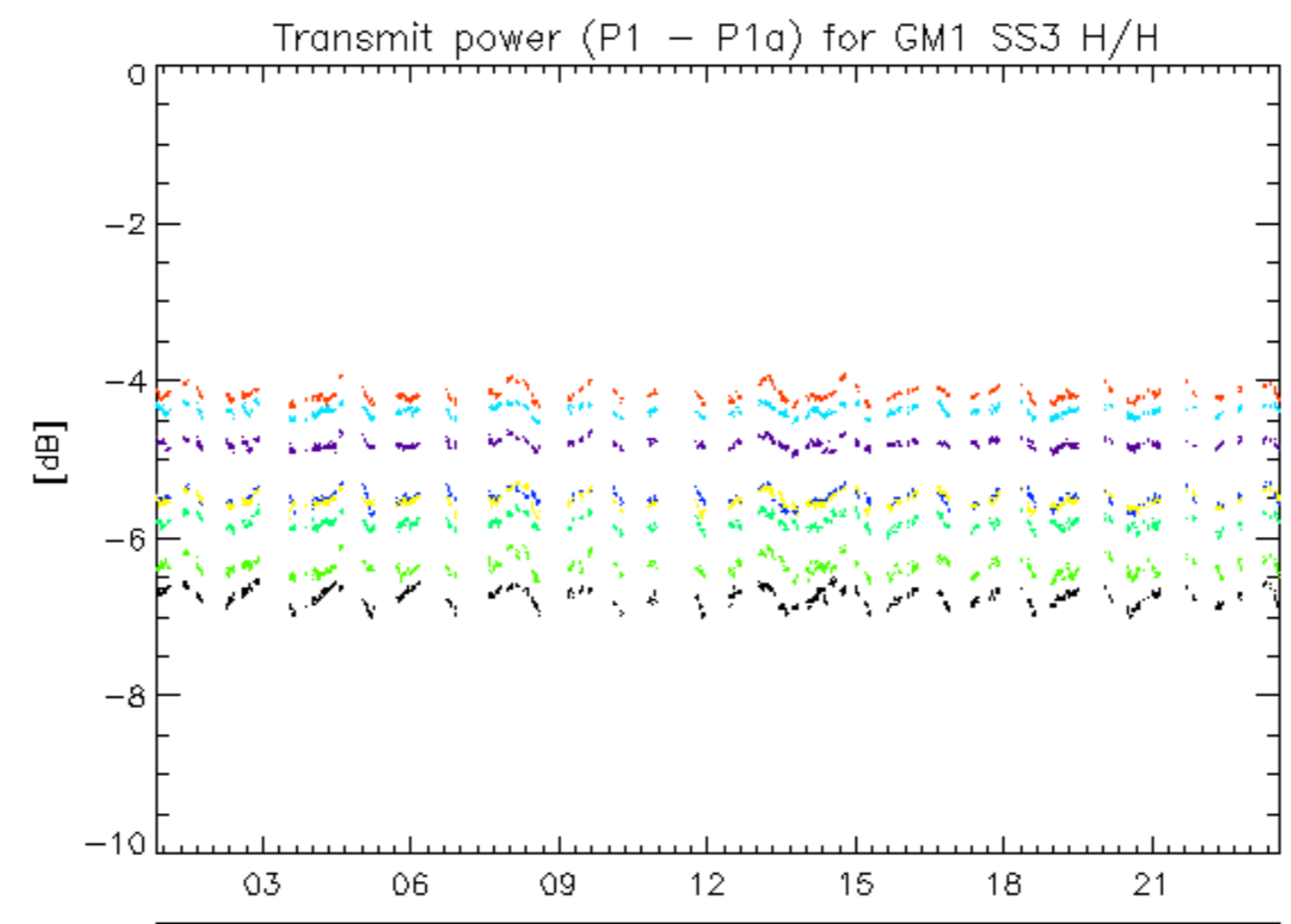


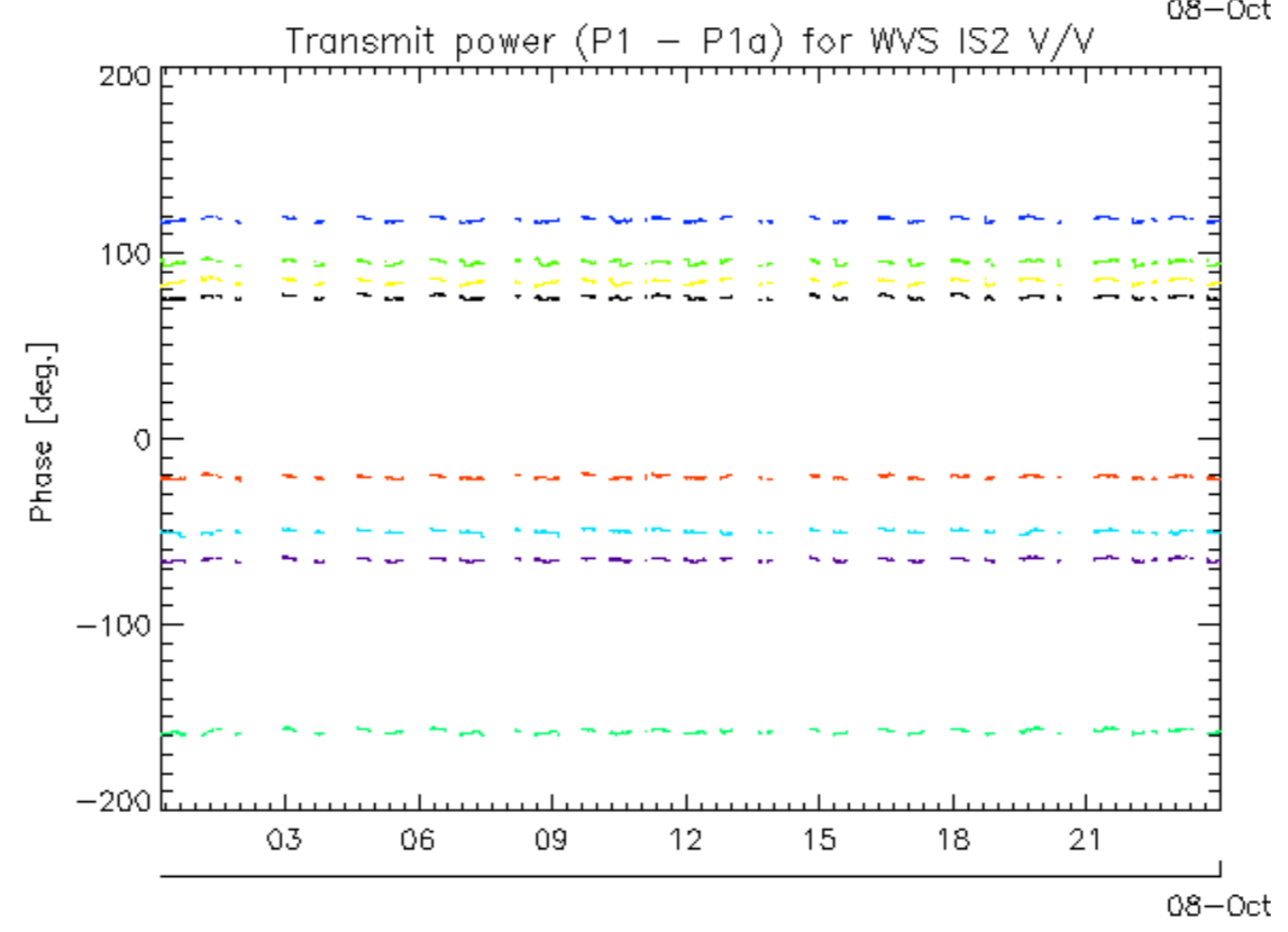
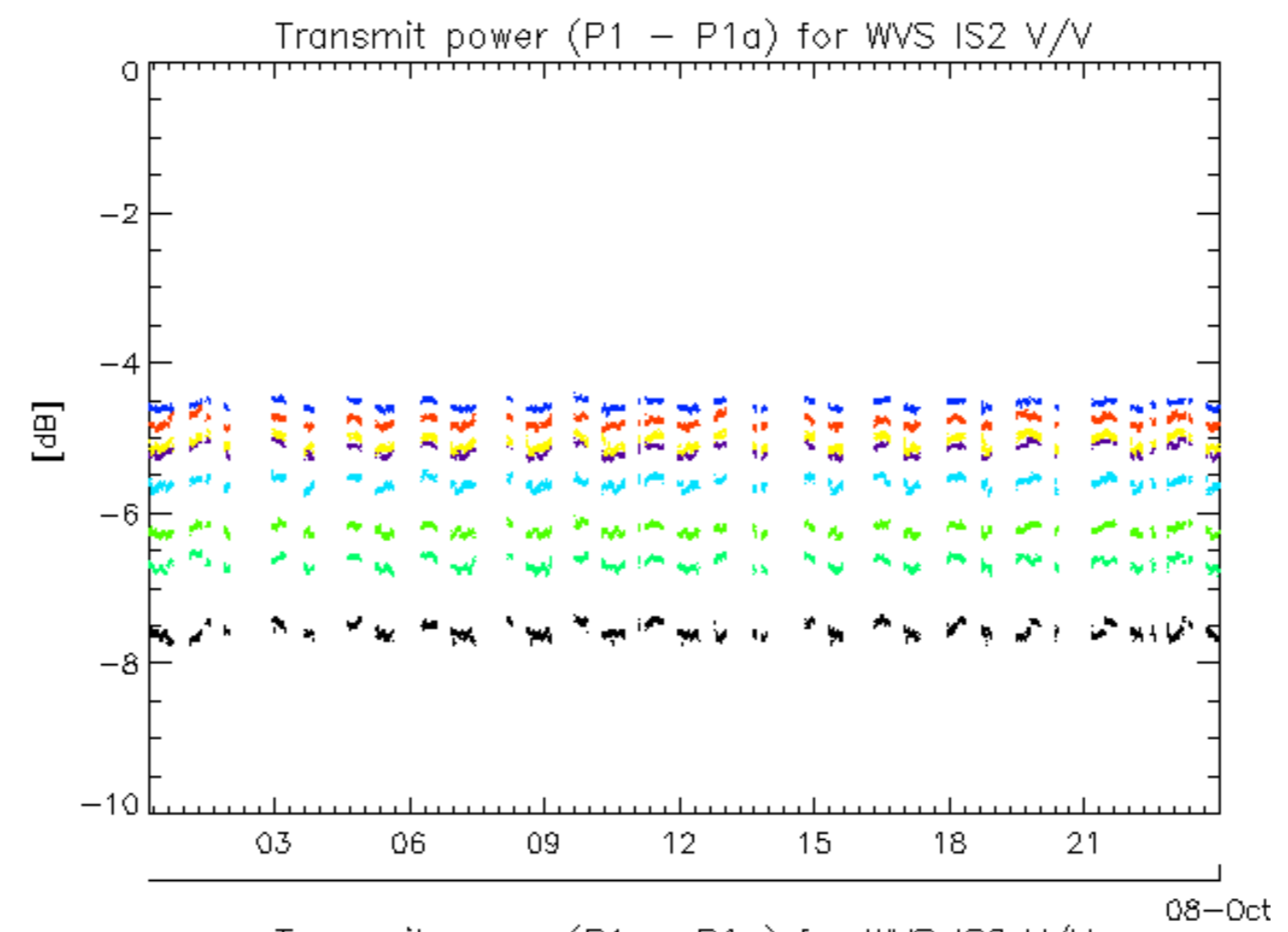




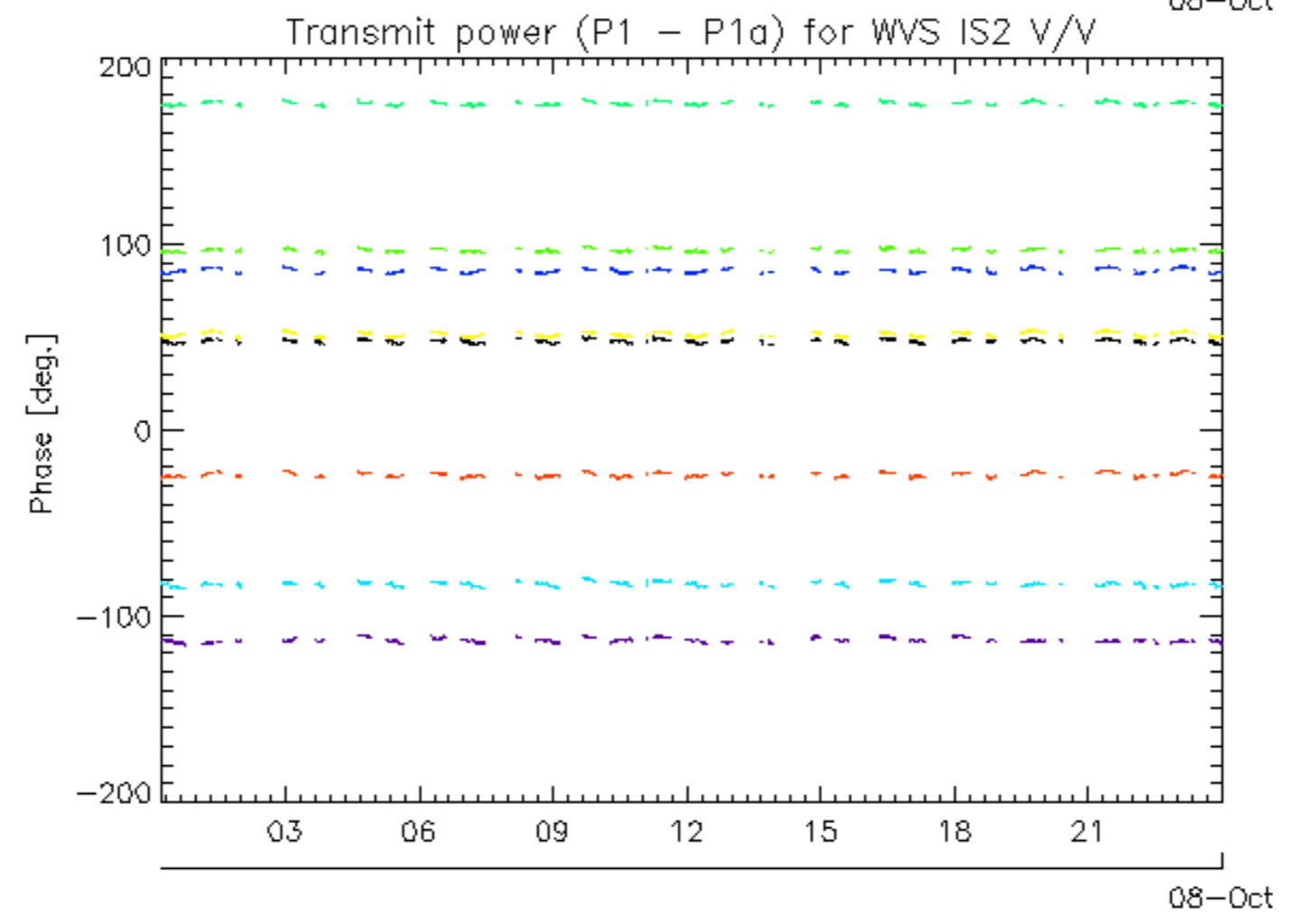
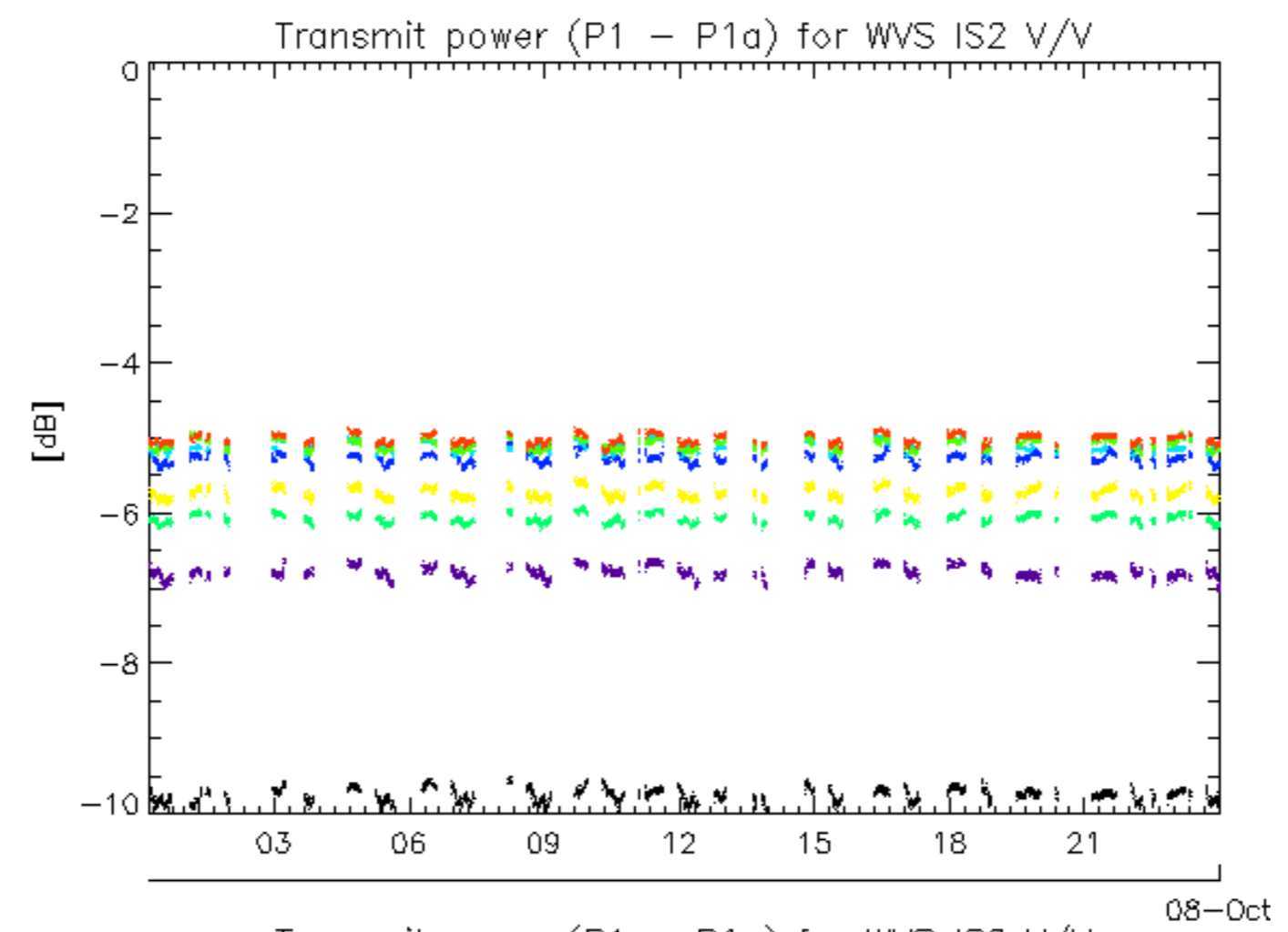




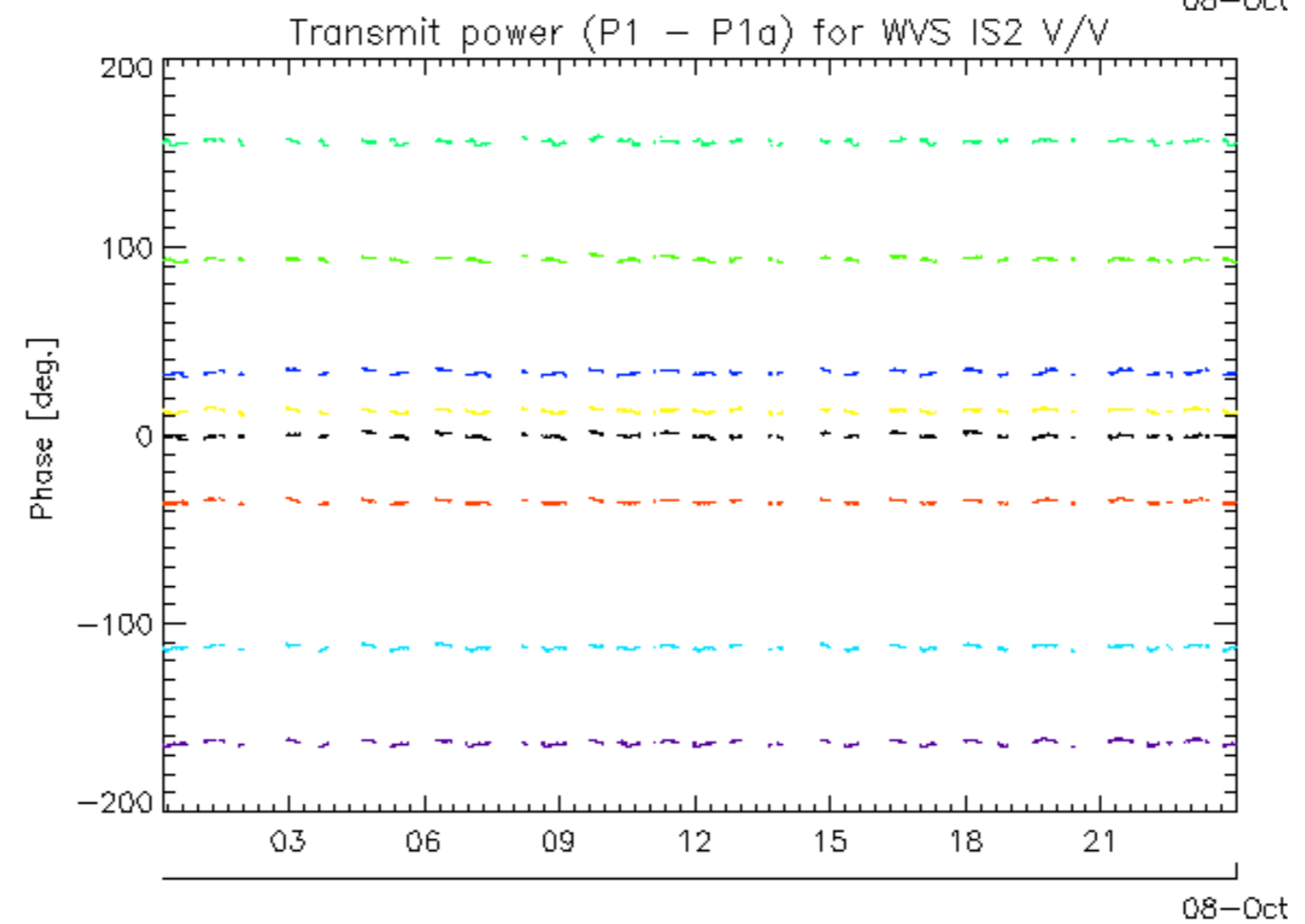
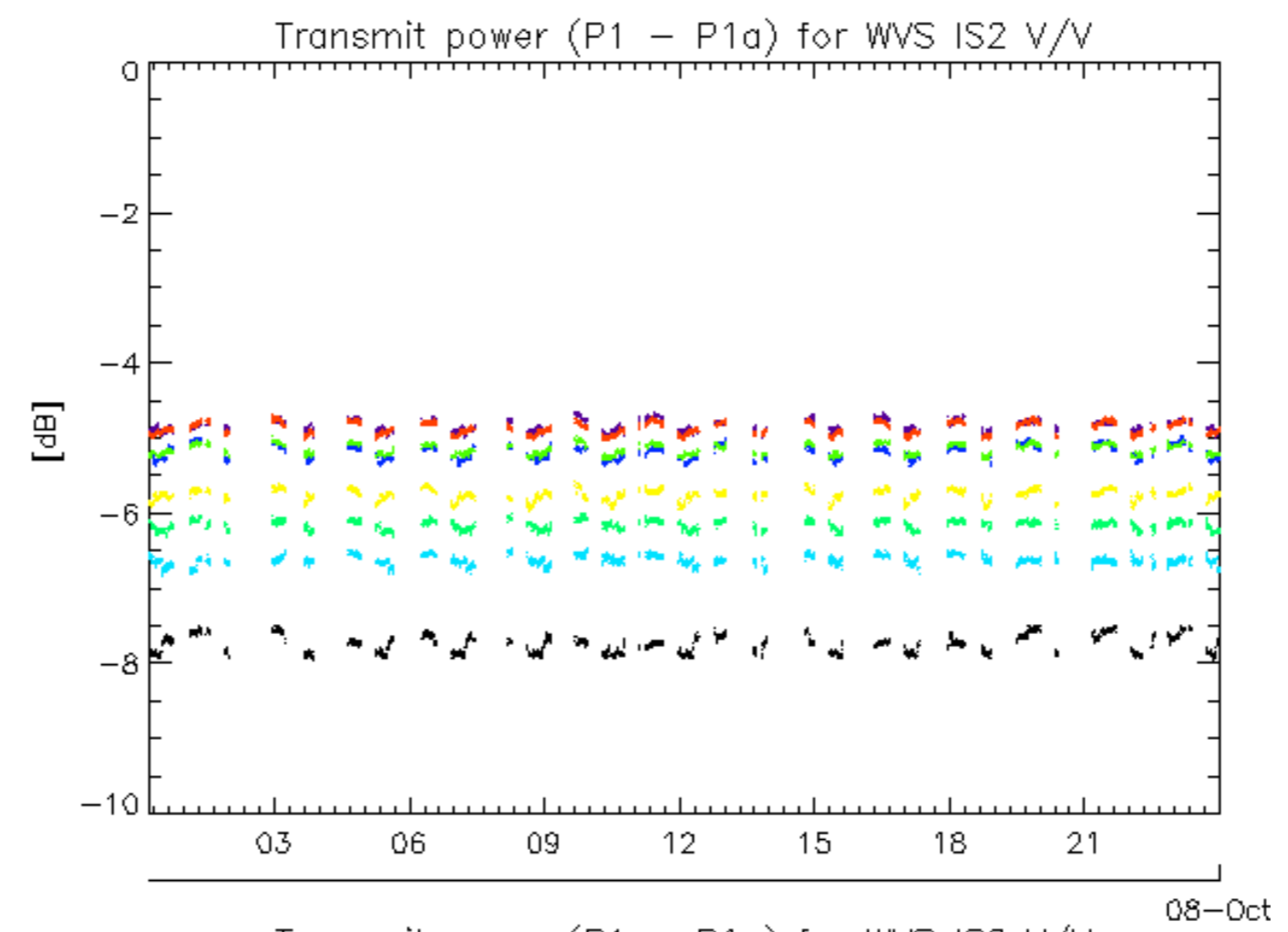




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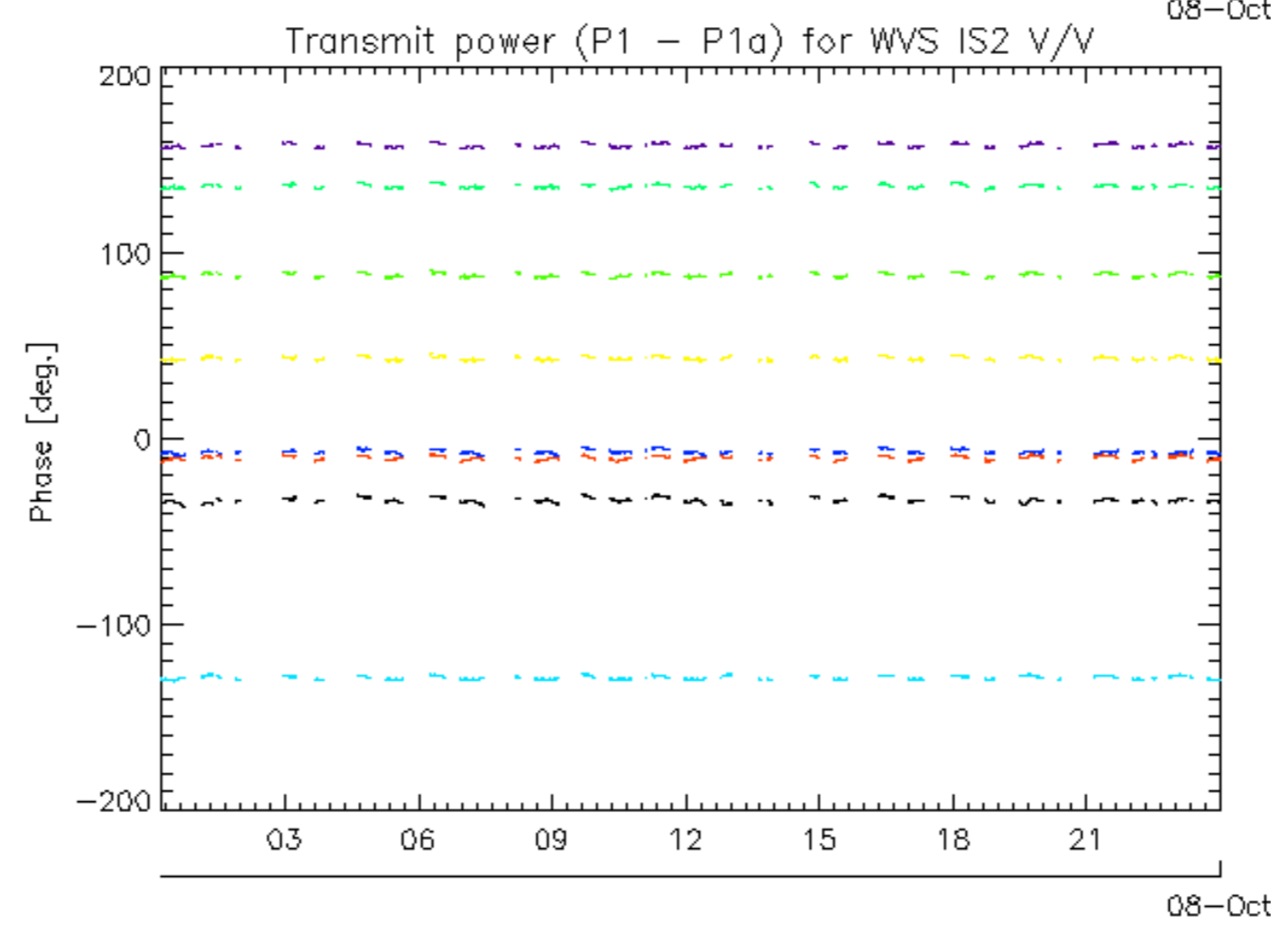
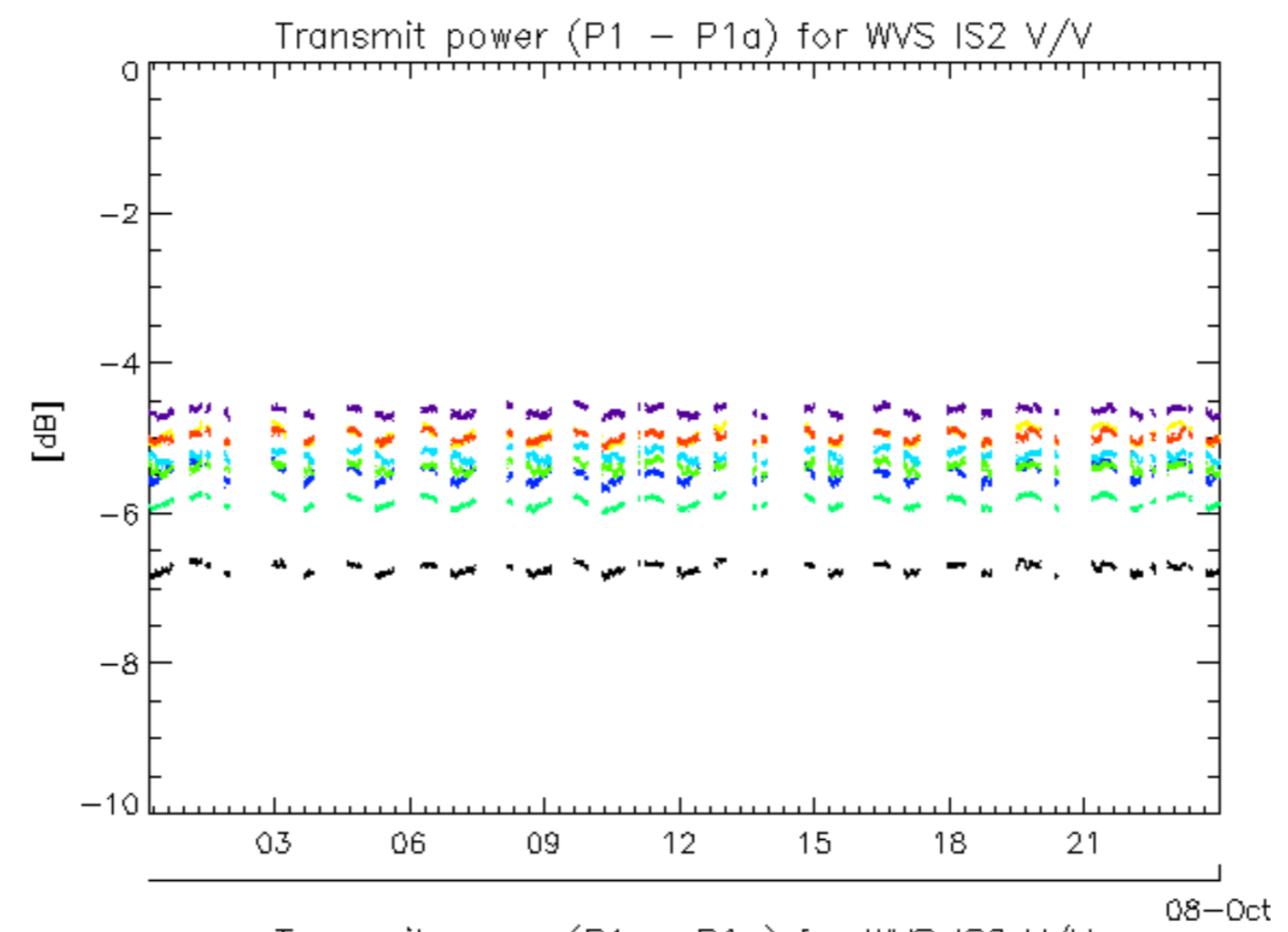


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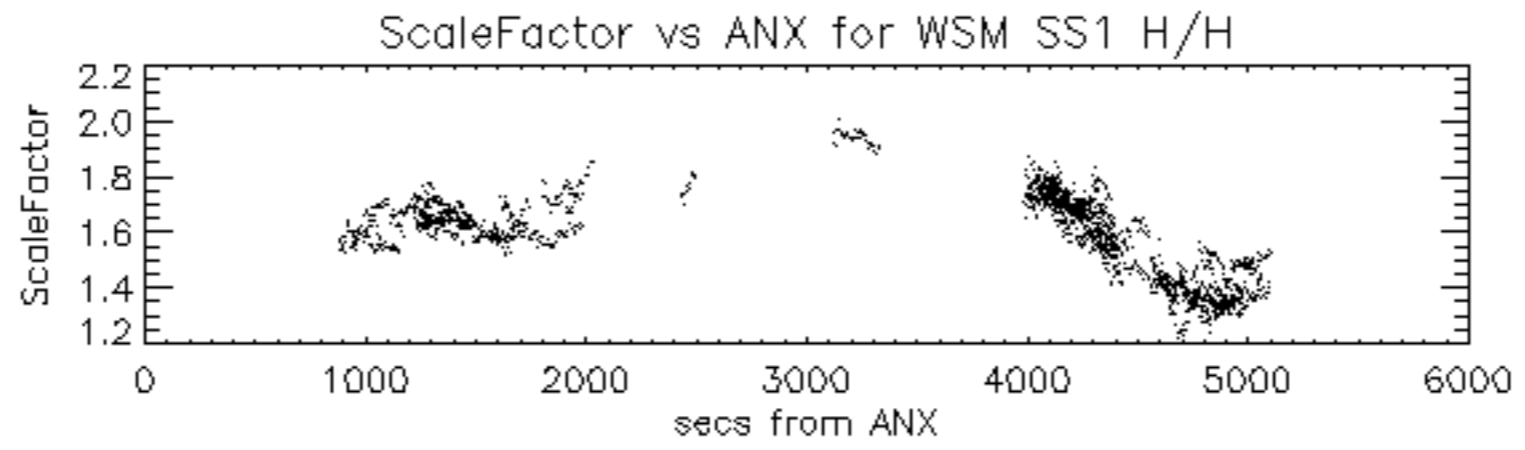


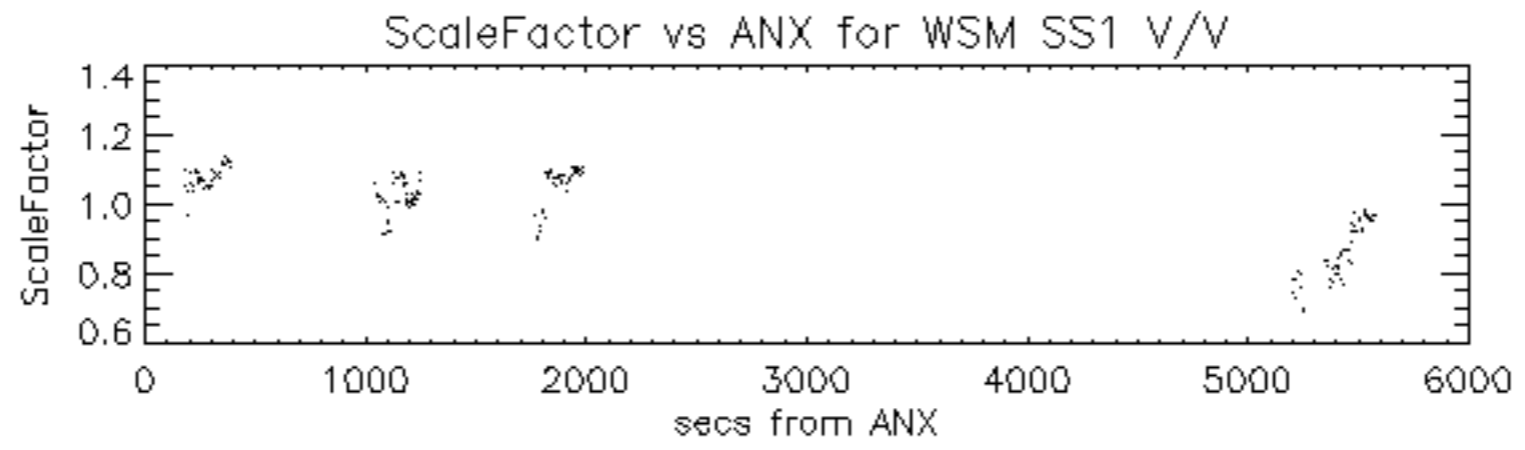
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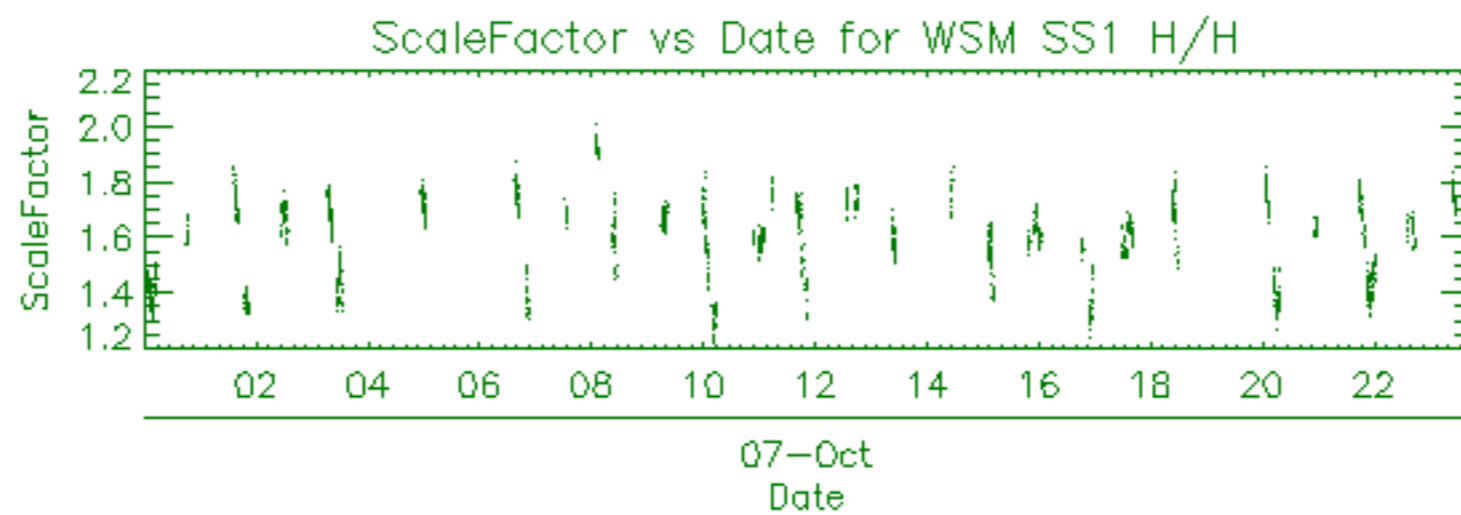


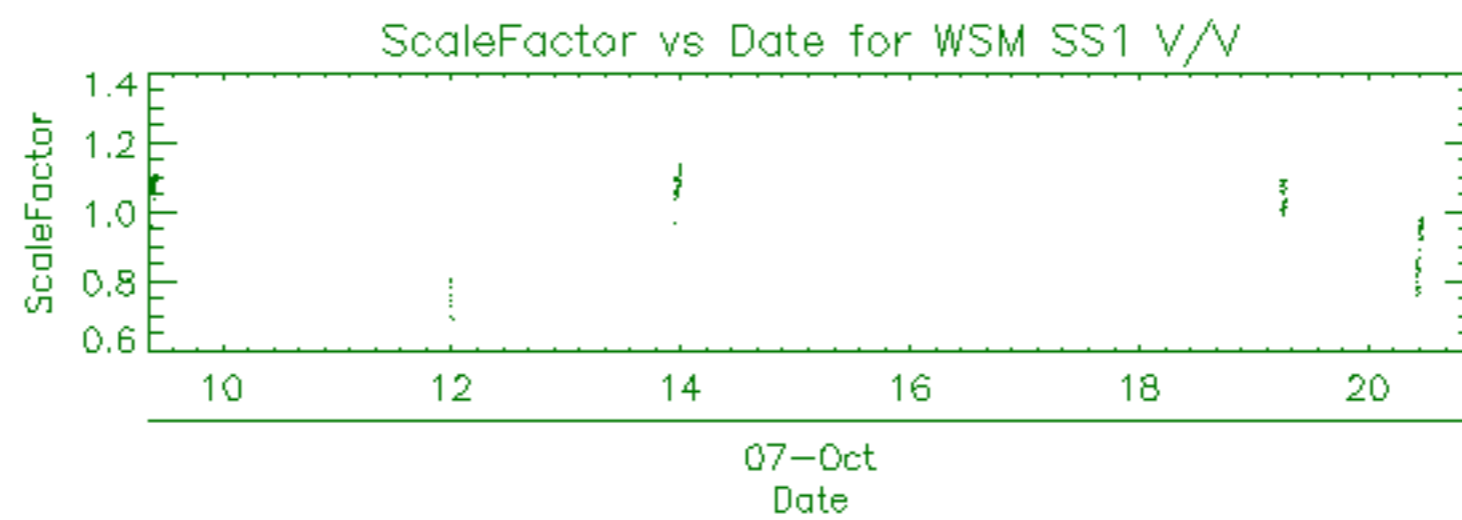


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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20091007_025628_000000432083_00118_39751_9244.N1						IS1	H/H	83	39751	118	4.07



ASA_GM1_1PNPDE20091007_205925_000006342083_00129_39762_9706.N1	SS1	H/H	83	39762	129	4.07
ASA_GM1_1PNPDE20091007_214200_000000842083_00129_39762_9704.N1	SS1	H/H	83	39762	129	4.07
ASA_GM1_1PNPDE20091007_214952_000001382083_00129_39762_9711.N1	SS1	H/H	83	39762	129	4.07
ASA_GM1_1PNPDE20091007_221754_000005192083_00130_39763_9766.N1	SS1	H/H	83	39763	130	4.07
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ASA_GM1_1PNPDE20091007_231403_000001382083_00130_39763_9773.N1	SS1	H/H	83	39763	130	4.07
ASA_GM1_1PNPDE20091007_231629_000001082083_00130_39763_9783.N1	SS1	H/H	83	39763	130	4.07
ASA_GM1_1PNPDE20091007_232236_000000962083_00130_39763_9778.N1	SS1	H/H	83	39763	130	4.07
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20091007_043706_000000622083_00119_39752_9315.N1						IS2	V/V	83	39752	119	4.07
ASA_IMM_1PNPDE20091007_053901_000002182083_00120_39753_9428.N1						IS2	V/V	83	39753	120	4.07
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ASA_IMM_1PNPDE20091007_061159_000002112083_00120_39753_9445.N1						IS2	V/V	83	39753	120	4.07
ASA_IMM_1PNPDK20091007_072658_000002502083_00121_39754_8117.N1						IS2	V/V	83	39754	121	4.07
ASA_IMM_1PNPDK20091007_092909_000000372083_00122_39755_8154.N1						IS2	V/V	83	39755	122	4.07
ASA_IMM_1PNPDE20091007_093950_000000512083_00122_39755_9485.N1						IS2	V/V	83	39755	122	4.07
ASA_IMM_1PNPDE20091007_104725_000000602083_00123_39756_9494.N1						IS2	V/V	83	39756	123	4.07
ASA_IMM_1PNPDK20091007_124110_000000922083_00124_39757_8249.N1						IS2	H/H	83	39757	124	4.07
ASA_IMM_1PNPDK20091007_140447_000000362083_00125_39758_8291.N1						IS2	V/V	83	39758	125	4.07
ASA_IMM_1PNPDE20091007_154429_000001552083_00126_39759_9588.N1						IS2	V/V	83	39759	126	4.07
ASA_IMM_1PNPDE20091007_174836_000000682083_00127_39760_9636.N1						IS4	V/V	83	39760	127	4.07
ASA_IMM_1PNPDE20091007_175508_000000372083_00127_39760_9642.N1						IS7	H/H	83	39760	127	4.07
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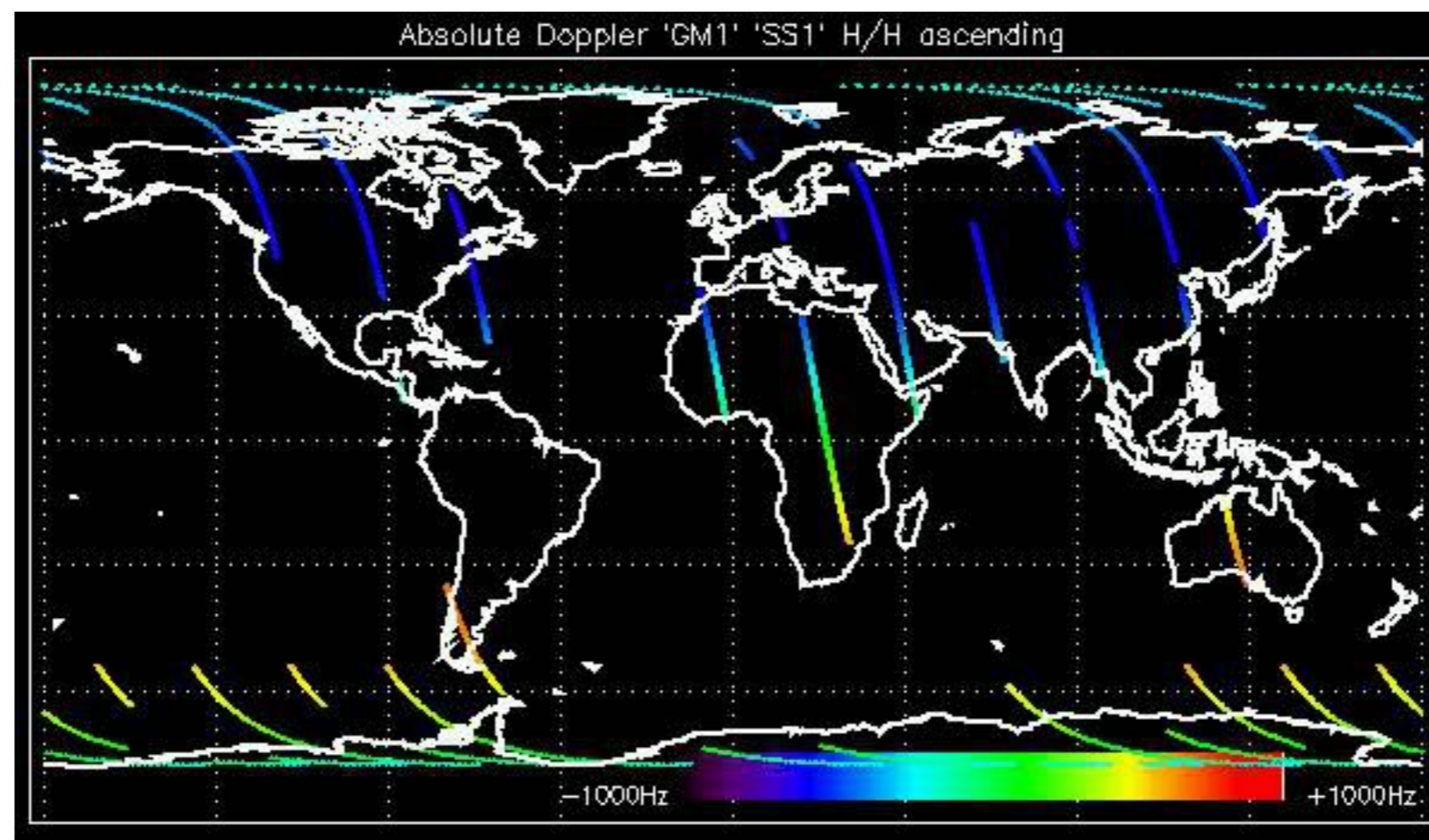
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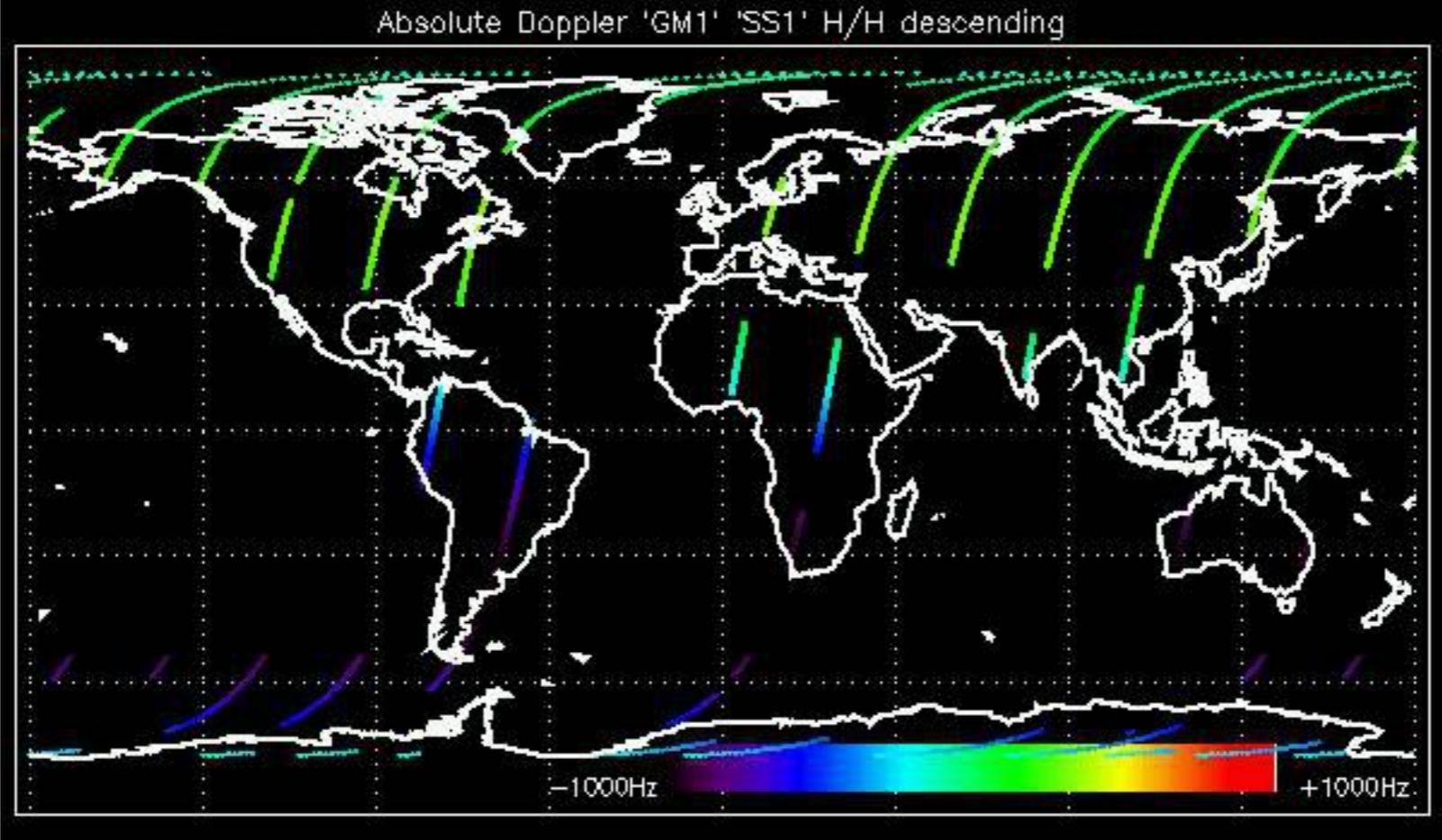


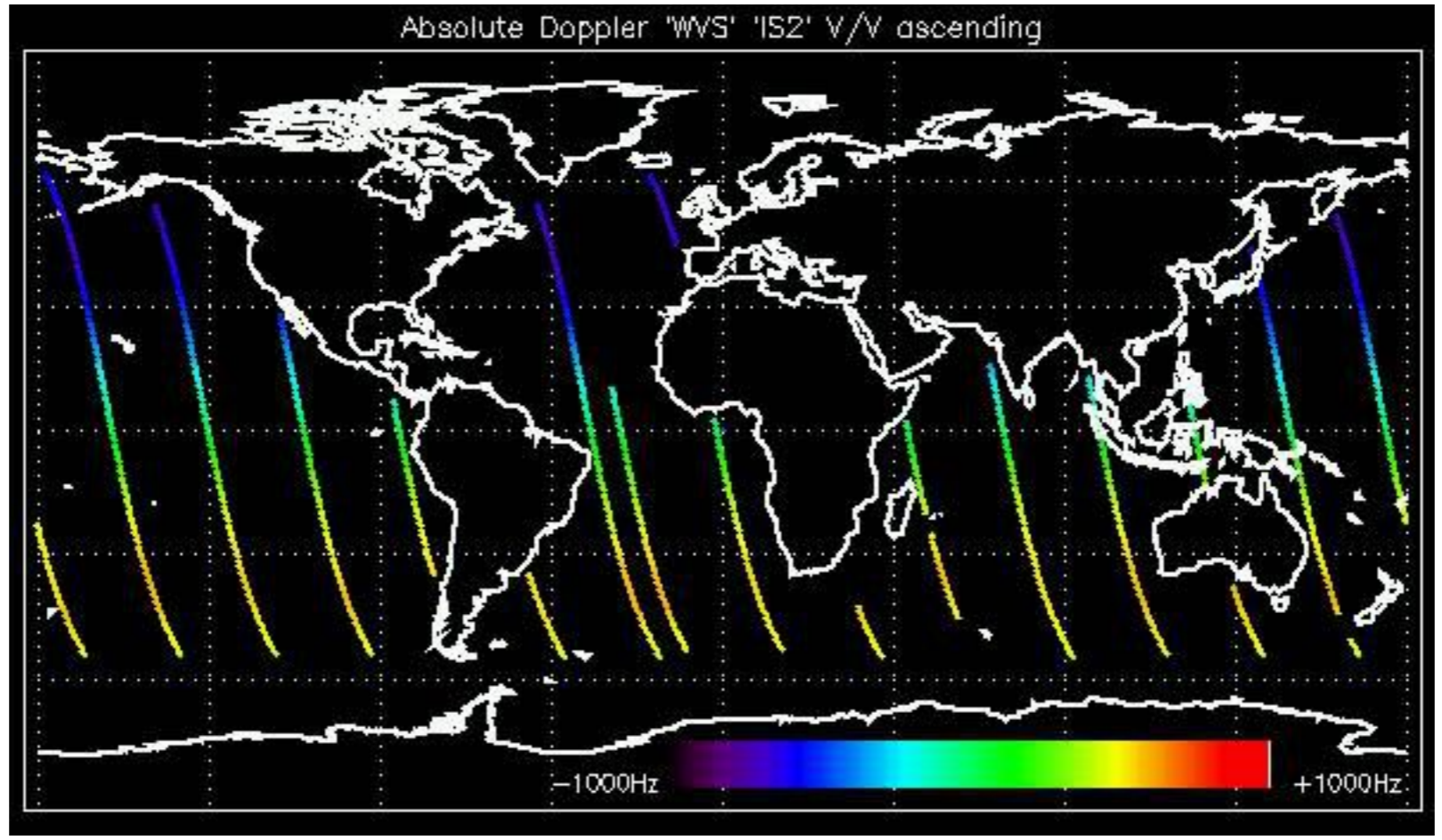


ASA_WSM_1PNPDK20091007_205628_000001702083_00129_39762_8478.N1	SS1	H/H	83	39762	129	4.07
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ASA_WSM_1PNPDE20091007_214808_000000972083_00129_39762_9759.N1	SS1	H/H	83	39762	129	4.07
ASA_WSM_1PNPDE20091007_215214_000005502083_00129_39762_9873.N1	SS1	H/H	83	39762	129	4.07
ASA_WSM_1PNPDE20091007_215428_000000552083_00129_39762_9745.N1	SS1	H/H	83	39762	129	4.07
ASA_WSM_1PNPDE20091007_215624_000001232083_00129_39762_9817.N1	SS1	H/H	83	39762	129	4.07
ASA_WSM_1PNPDE20091007_220023_000000612083_00129_39762_9757.N1	SS1	H/H	83	39762	129	4.07
ASA_WSM_1PNPDK20091007_223517_000000732083_00130_39763_8484.N1	SS1	H/H	83	39763	130	4.07
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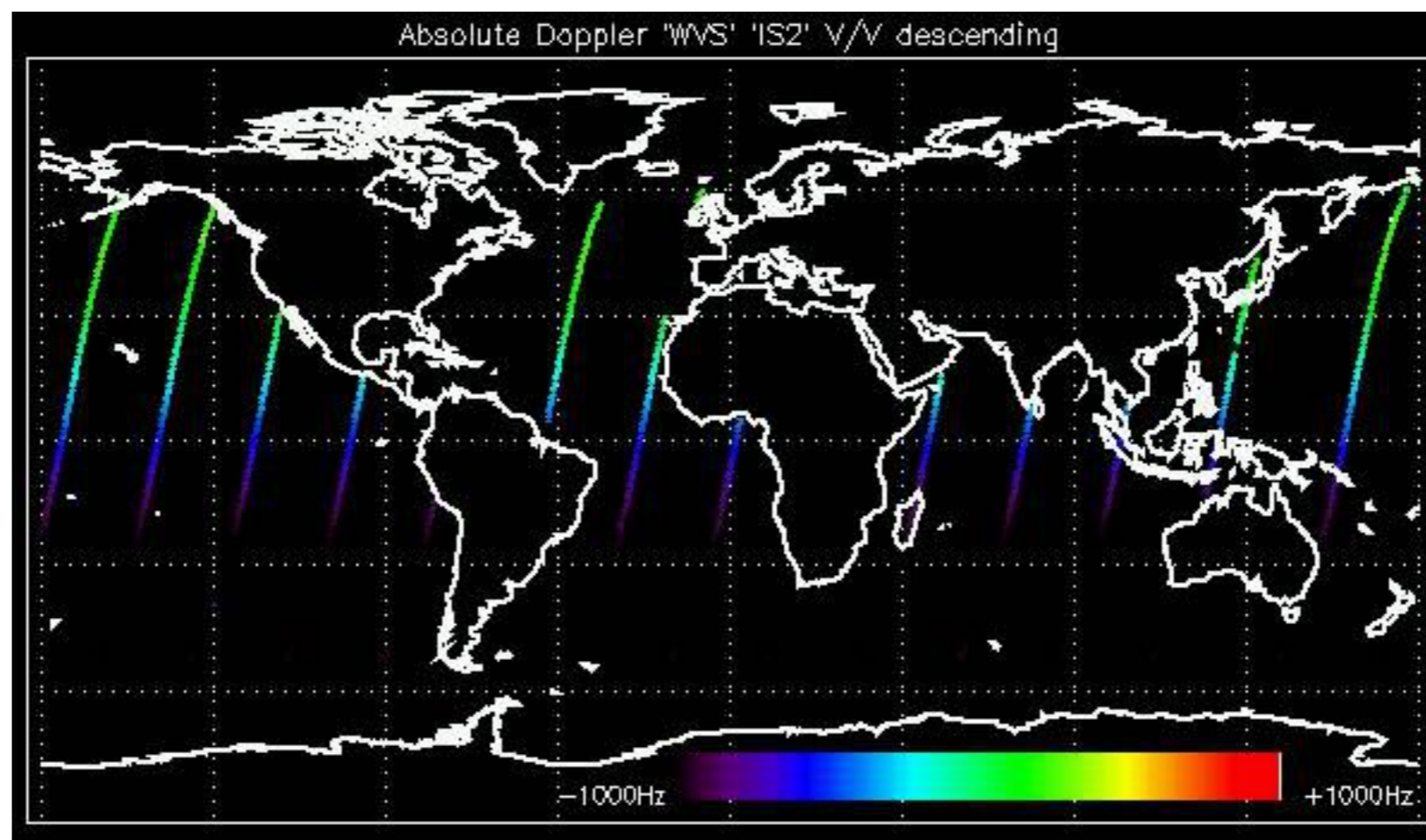
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ASA_WVS_1PNPDE20091007_010658_000009552083_00117_39750_9191.N1						IS2	V/V	83	39750	117	4.07
ASA_WVS_1PNPDE20091007_012916_000002852083_00117_39750_9186.N1						IS2	V/V	83	39750	117	4.07
ASA_WVS_1PNPDE20091007_015343_000003452083_00117_39750_9255.N1						IS2	V/V	83	39750	117	4.07
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ASA_WVS_1PNPDE20091007_025717_000007042083_00118_39751_9262.N1						IS2	V/V	83	39751	118	4.07
ASA_WVS_1PNPDE20091007_030847_000003152083_00118_39751_9345.N1						IS2	V/V	83	39751	118	4.07
ASA_WVS_1PNPDE20091007_034006_000007042083_00118_39751_9324.N1						IS2	V/V	83	39751	118	4.07
ASA_WVS_1PNPDE20091007_043817_000007942083_00119_39752_9348.N1						IS2	V/V	83	39752	119	4.07
ASA_WVS_1PNPDE20091007_045117_000002402083_00119_39752_9396.N1						IS2	V/V	83	39752	119	4.07
ASA_WVS_1PNPDE20091007_051504_000013942083_00119_39752_9417.N1						IS2	V/V	83	39752	119	4.07
ASA_WVS_1PNPDE20091007_061640_000009292083_00120_39753_9420.N1						IS2	V/V	83	39753	120	4.07
ASA_WVS_1PNPDK20091007_063155_000002402083_00120_39753_8083.N1						IS2	V/V	83	39753	120	4.07
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ASA_WVS_1PNPDK20091007_081118_000003152083_00121_39754_8132.N1						IS2	V/V	83	39754	121	4.07
ASA_WVS_1PNPDK20091007_083616_000019792083_00121_39754_8139.N1						IS2	V/V	83	39754	121	4.07
ASA_WVS_1PNPDK20091007_094049_000009742083_00122_39755_8185.N1						IS2	V/V	83	39755	122	4.07
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ASA_WVS_1PNPDK20091007_124718_000008842083_00124_39757_8277.N1						IS2	V/V	83	39757	124	4.07
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ASA_WVS_1PNPDK20091007_144759_000006592083_00125_39758_8329.N1						IS2	V/V	83	39758	125	4.07
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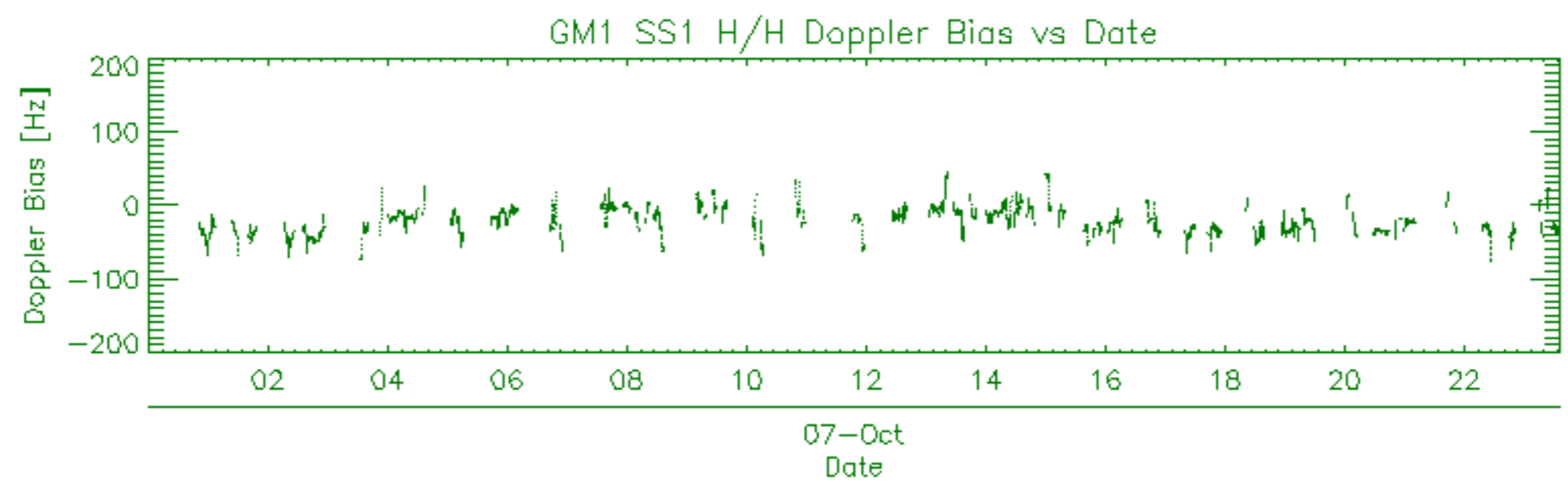
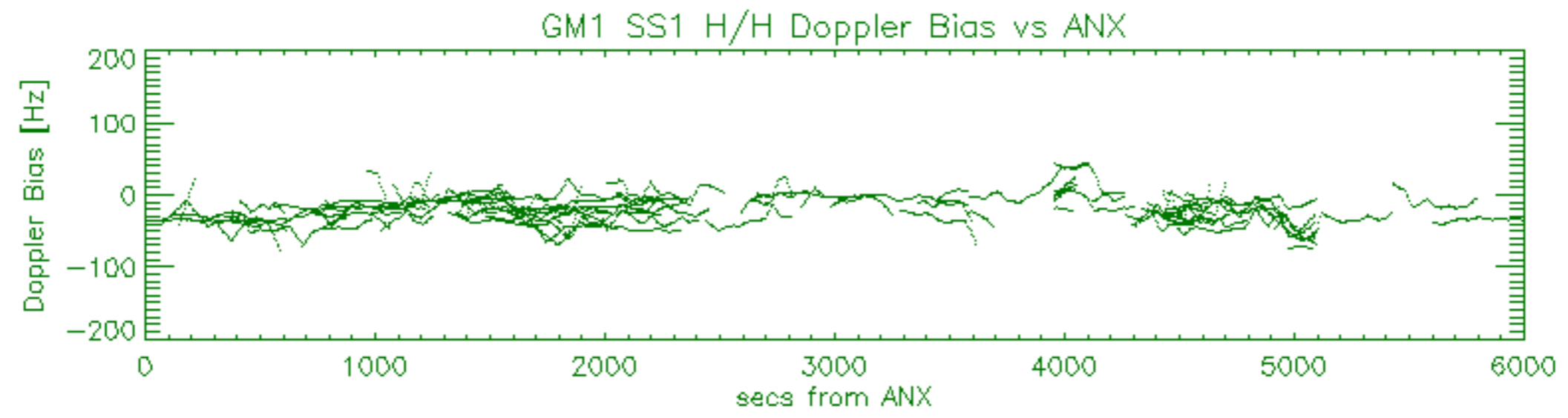
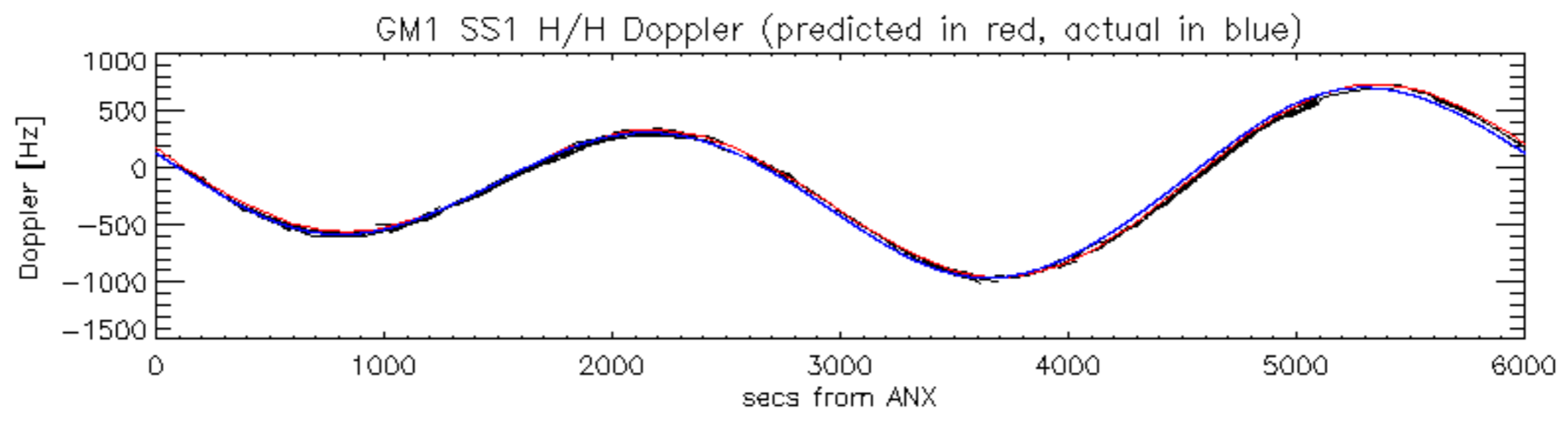


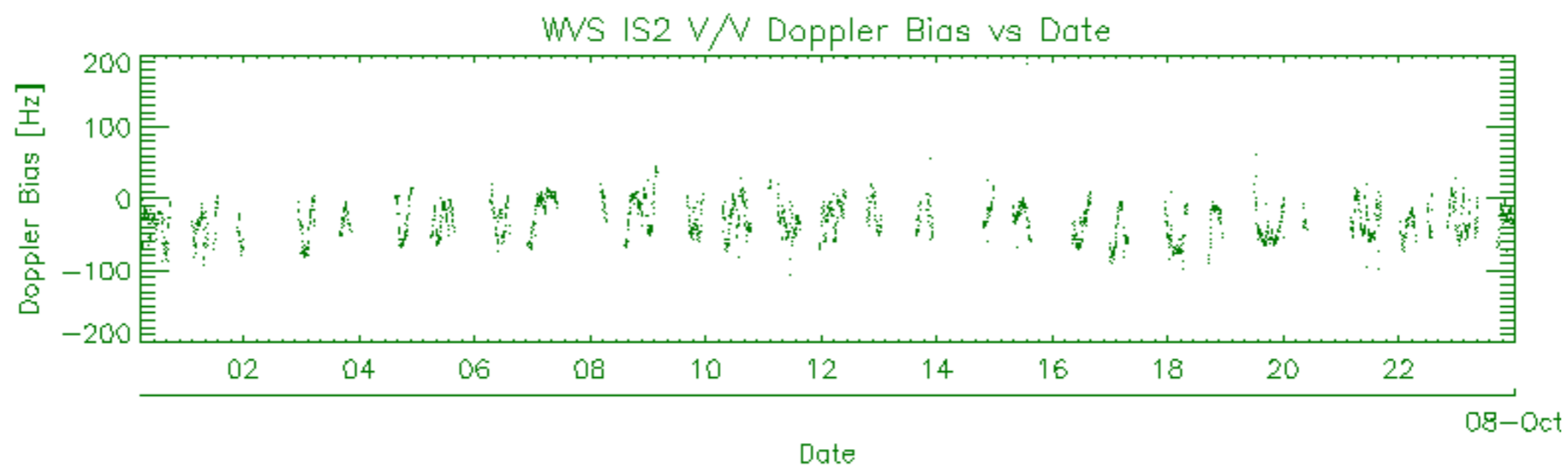
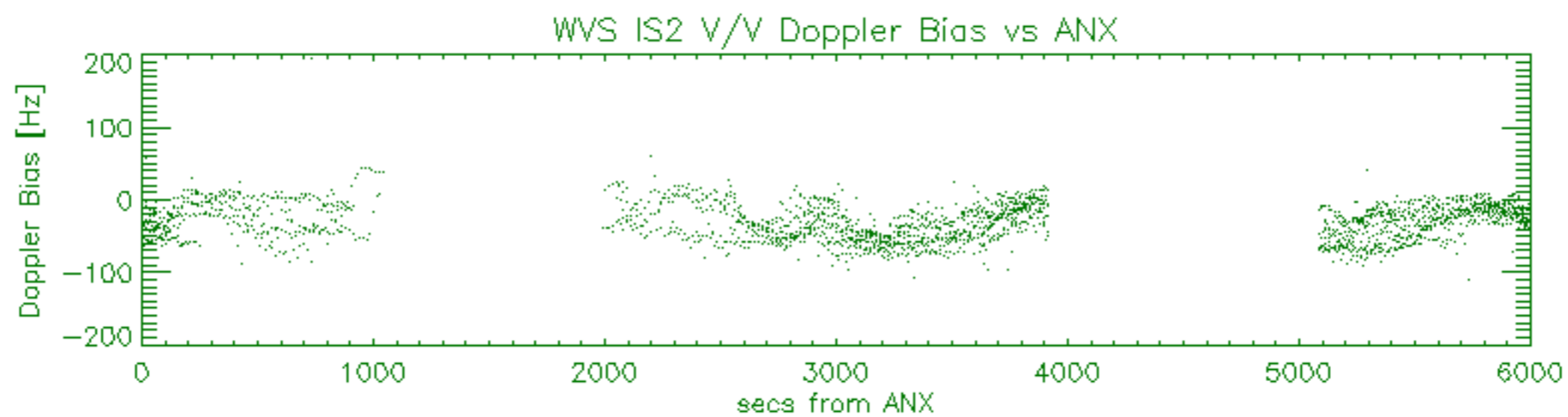
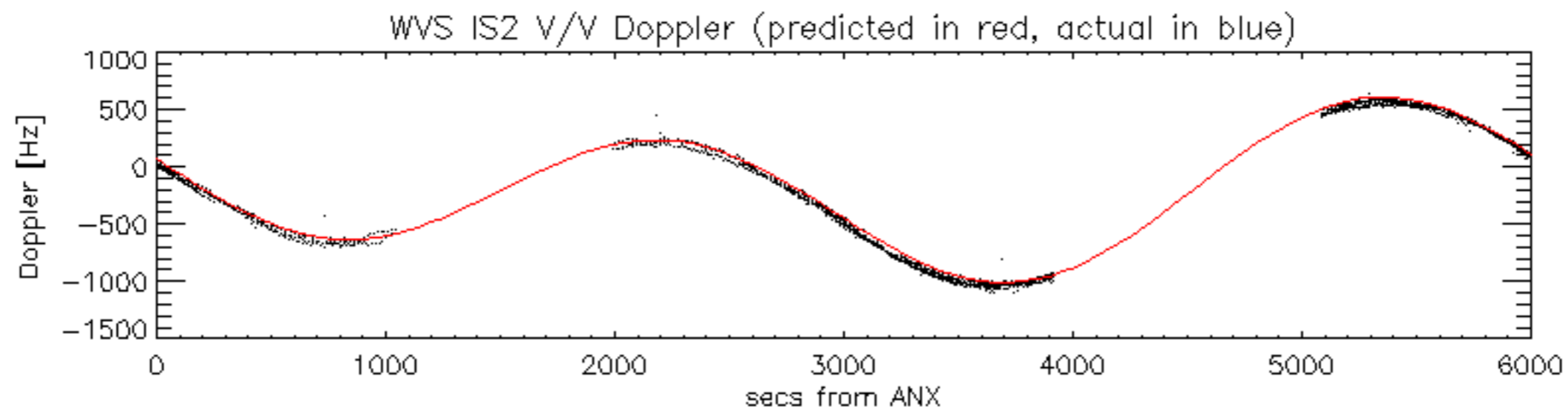


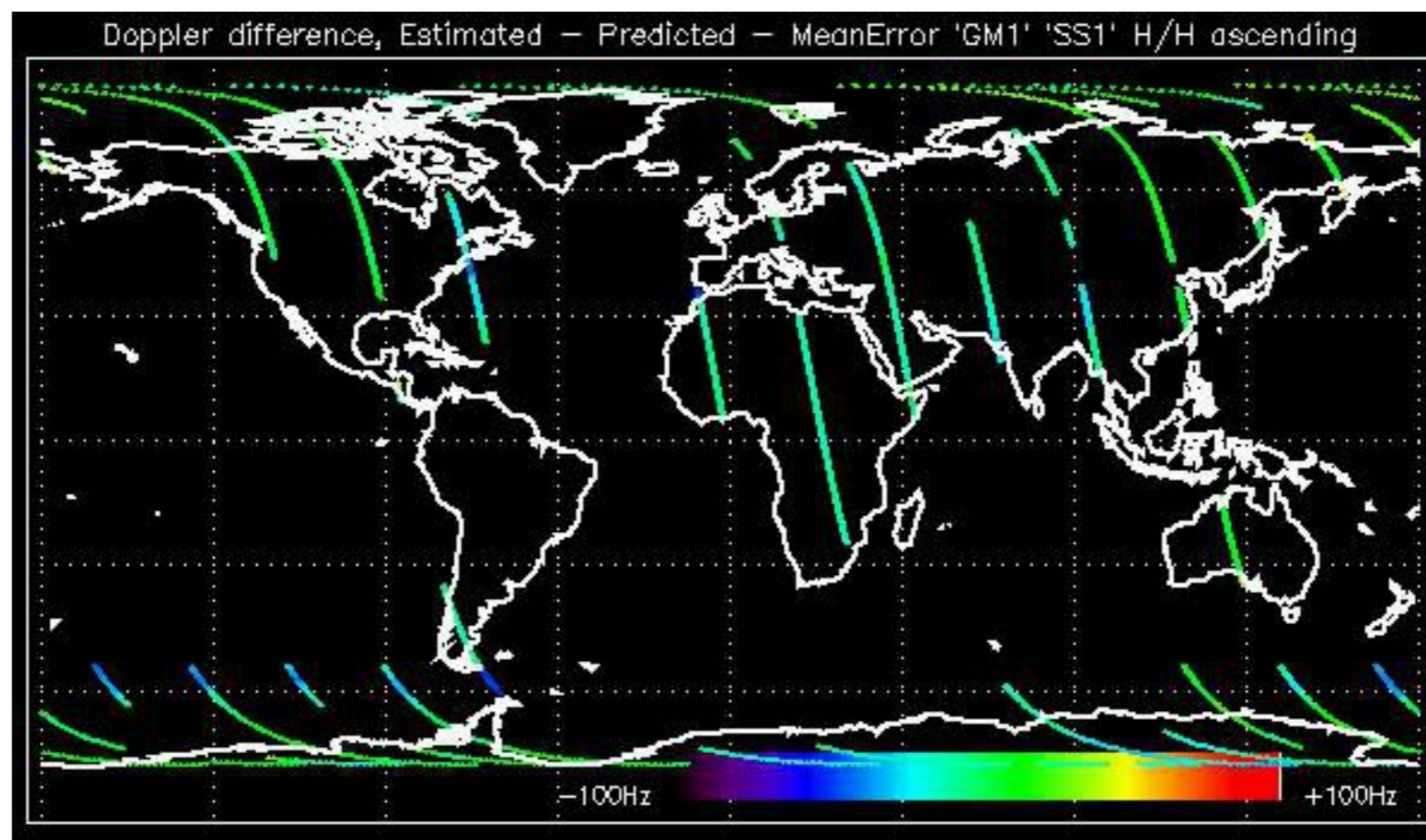


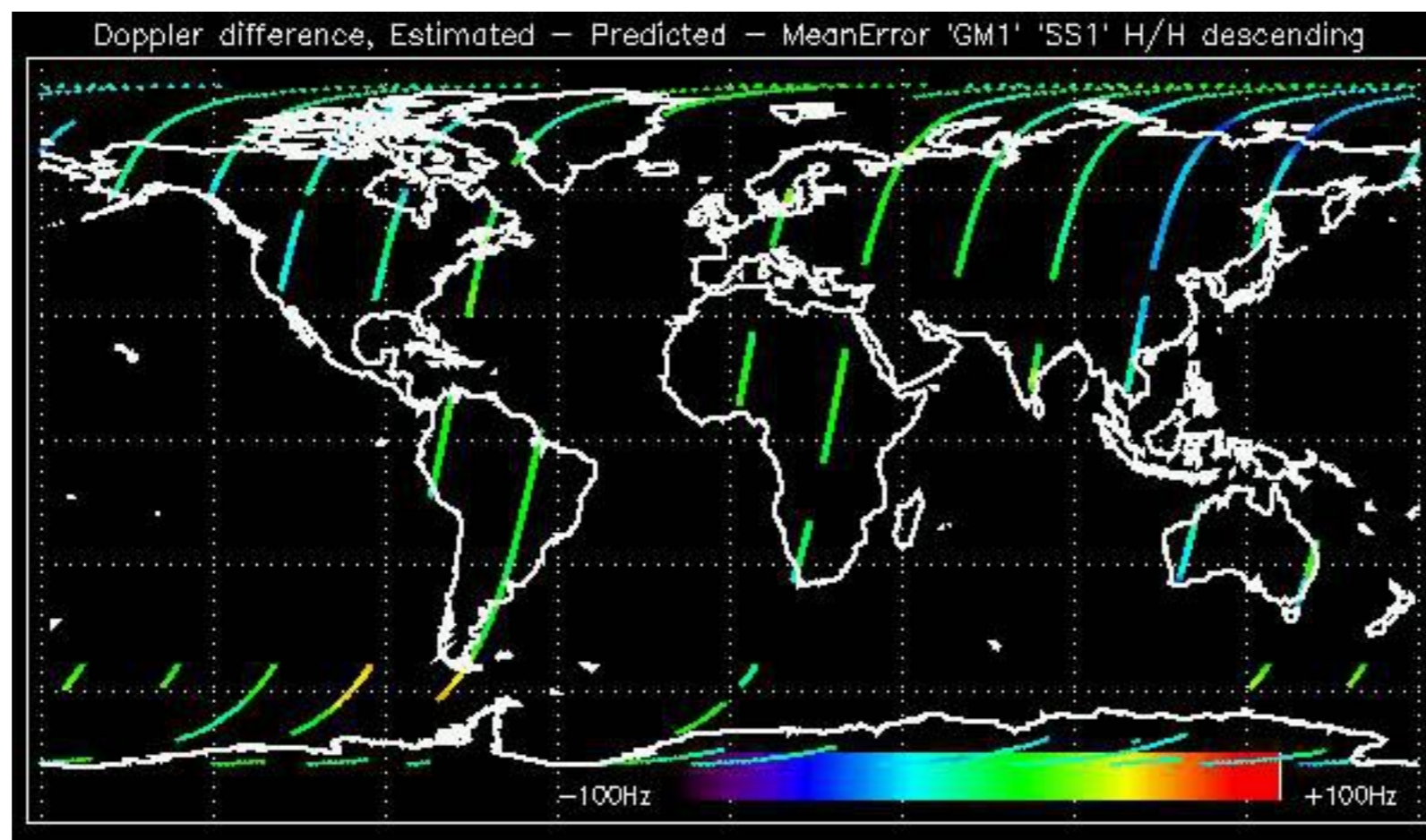


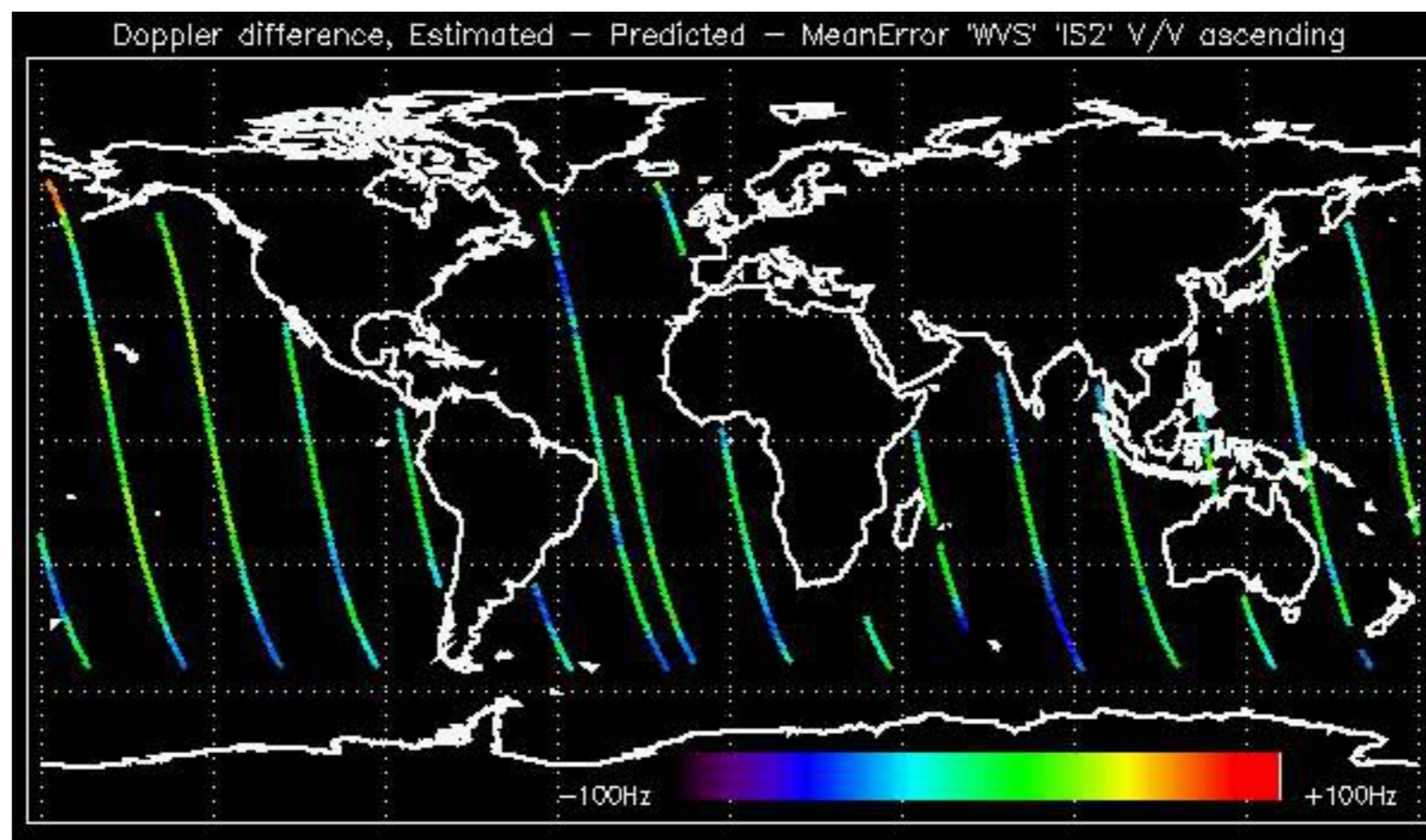


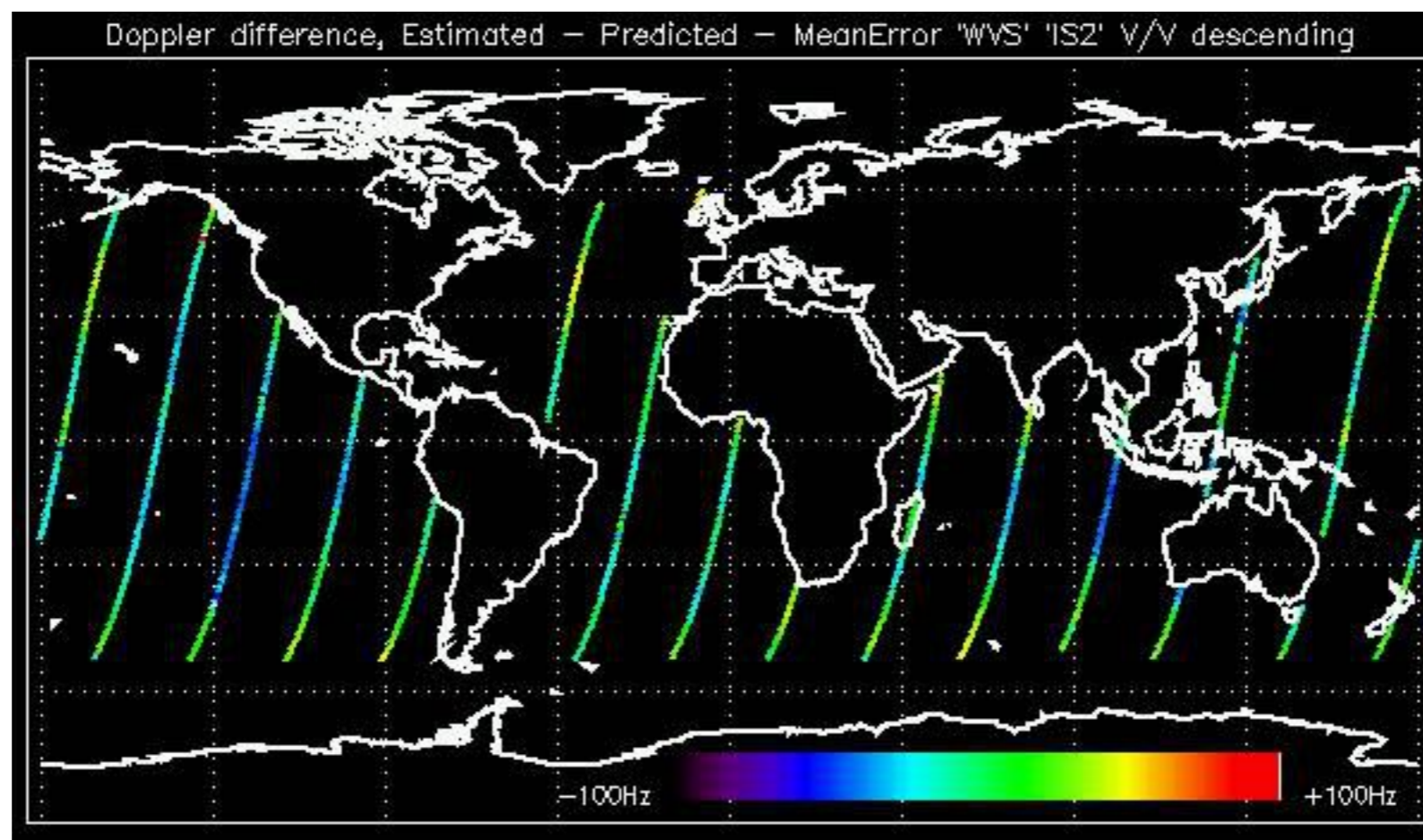


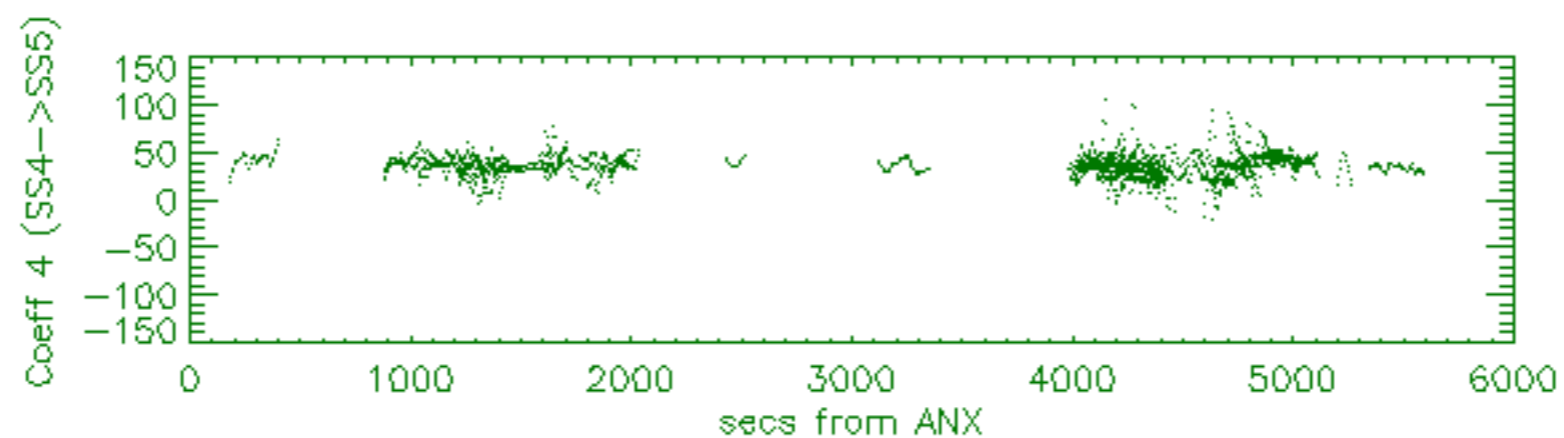
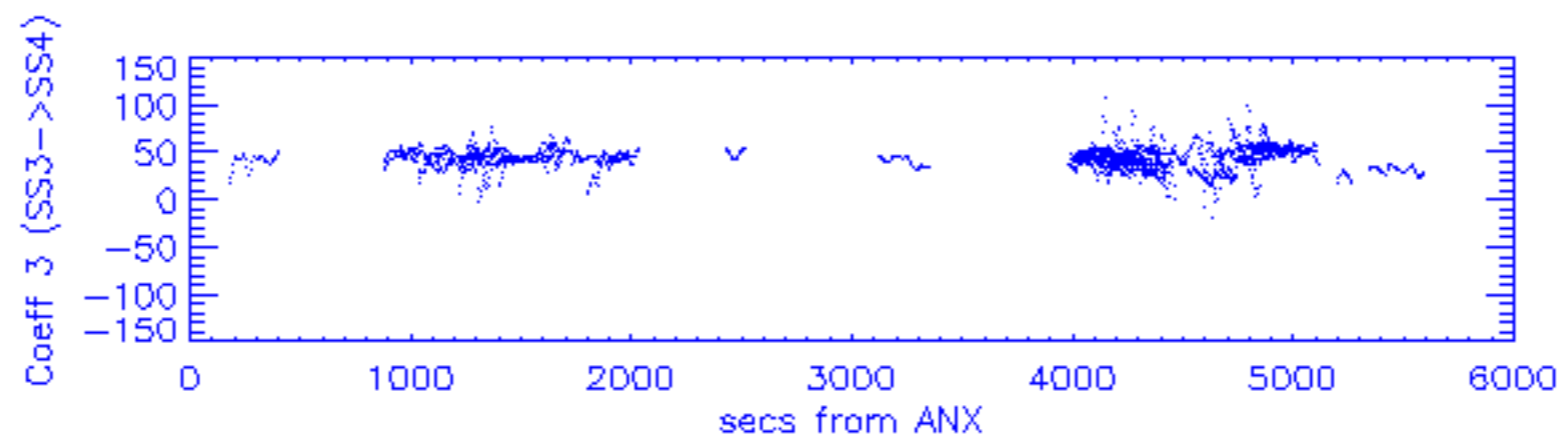
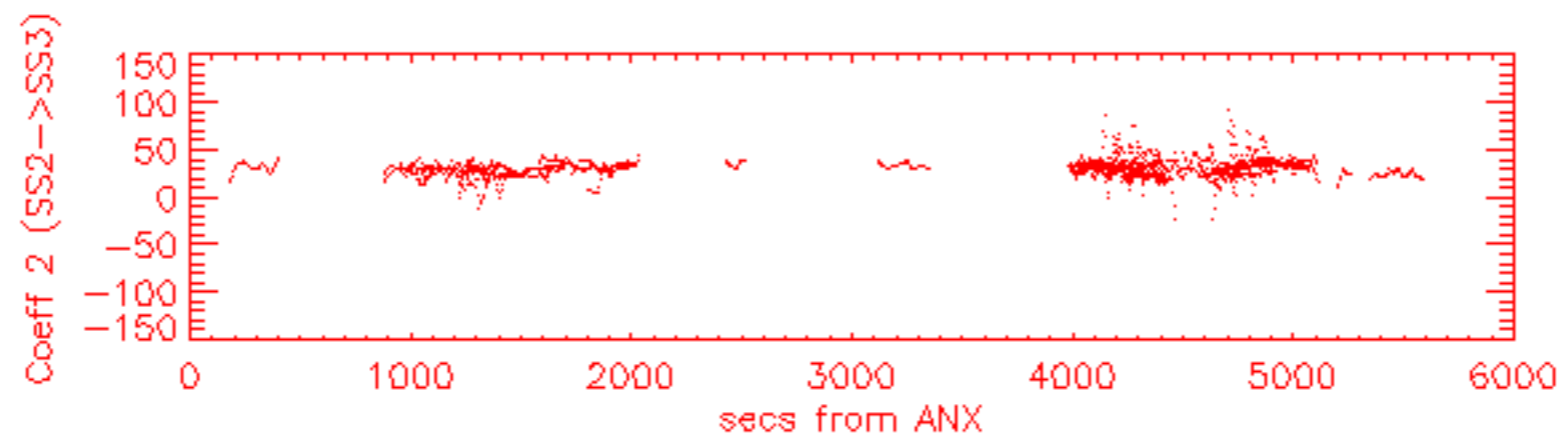
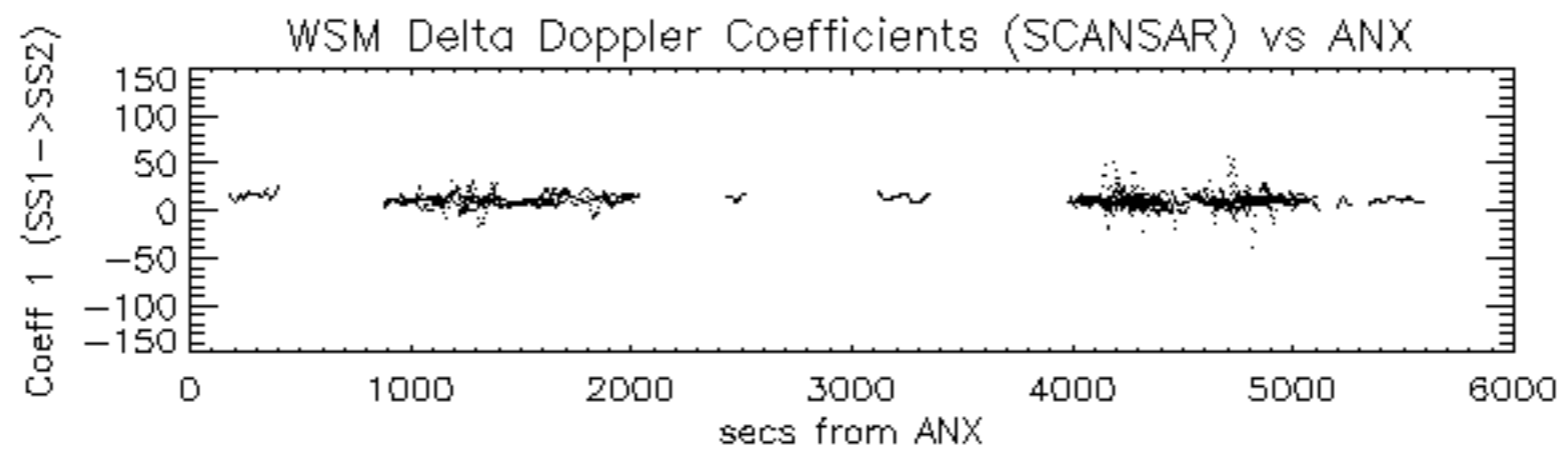




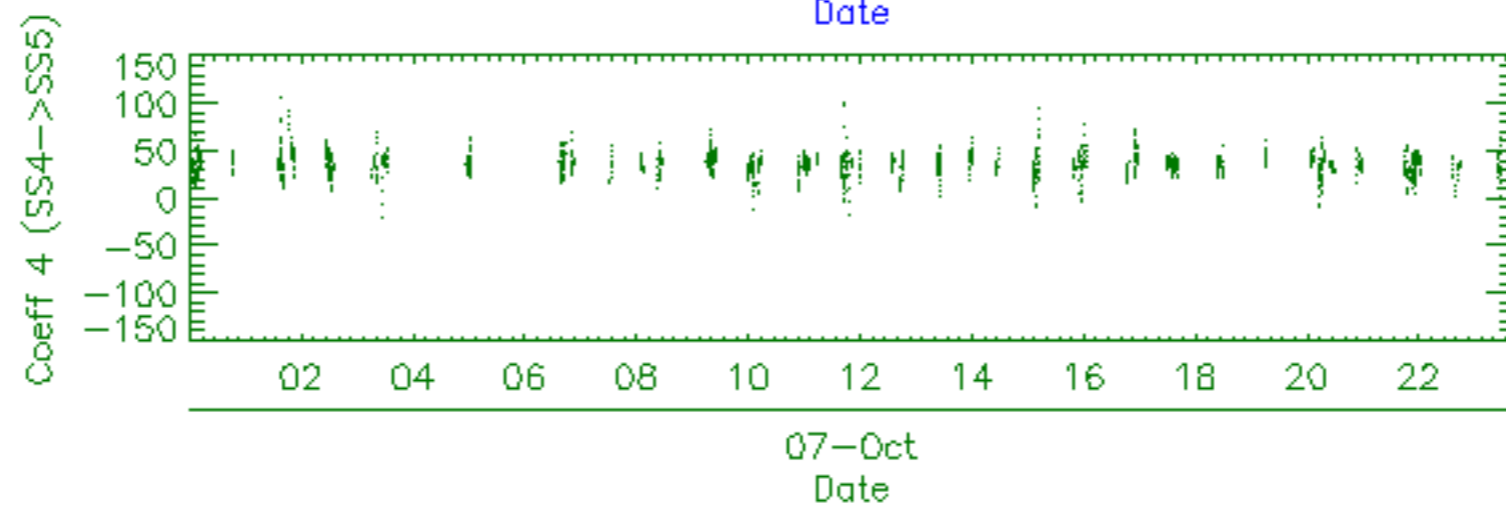
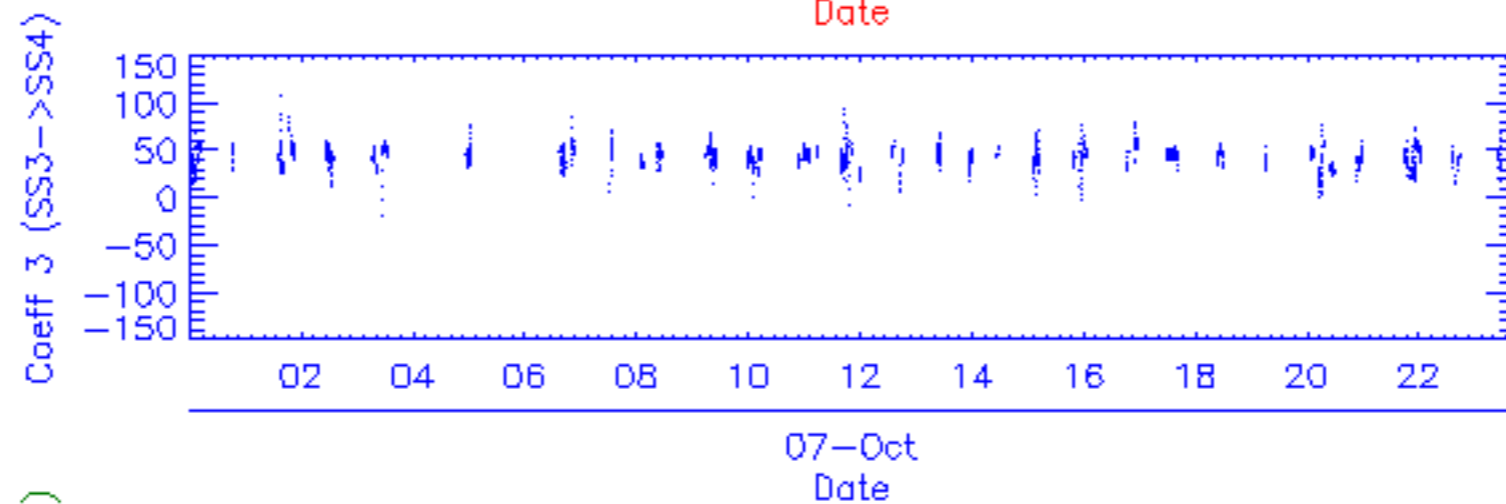
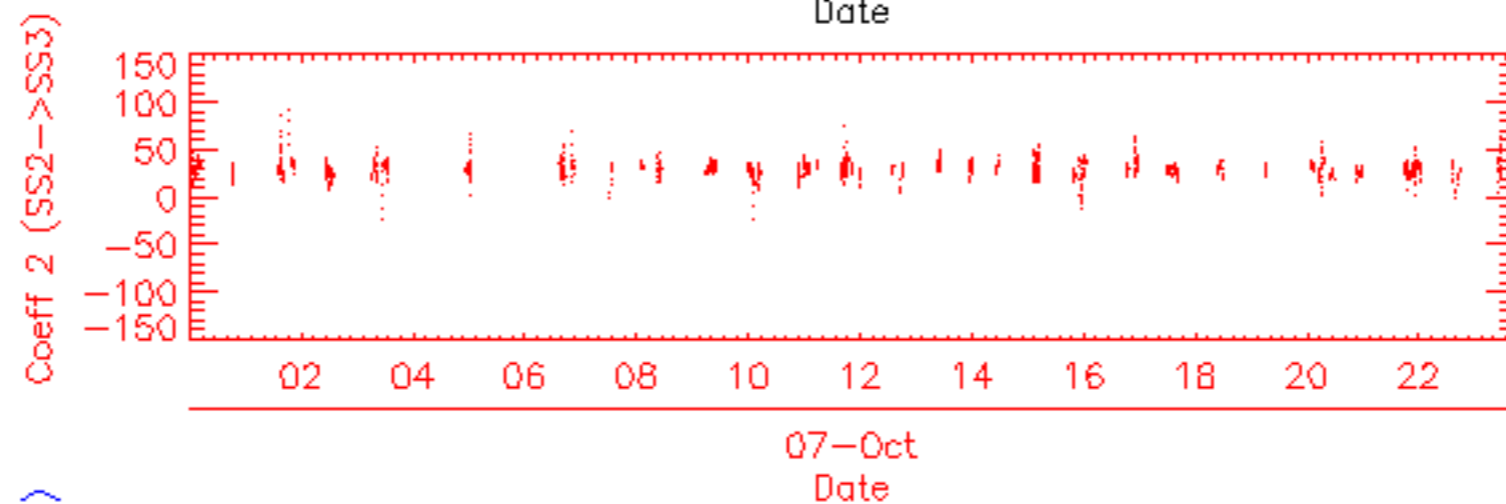
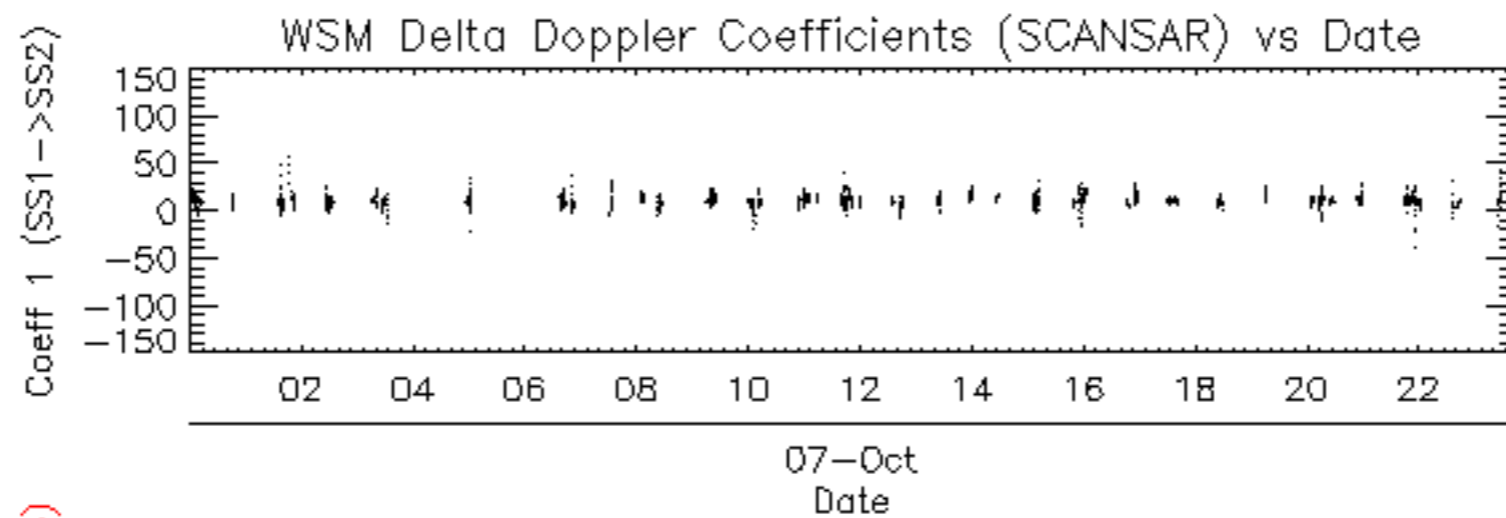




















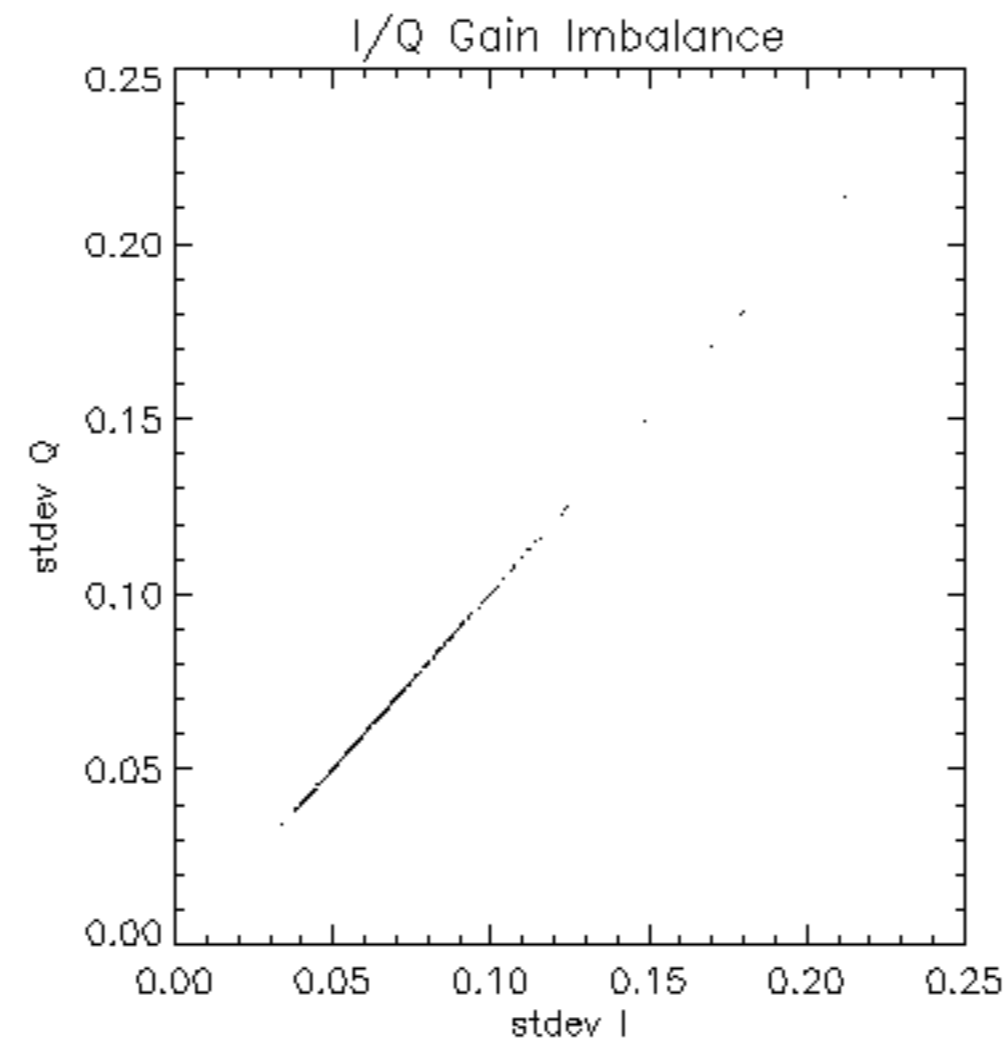


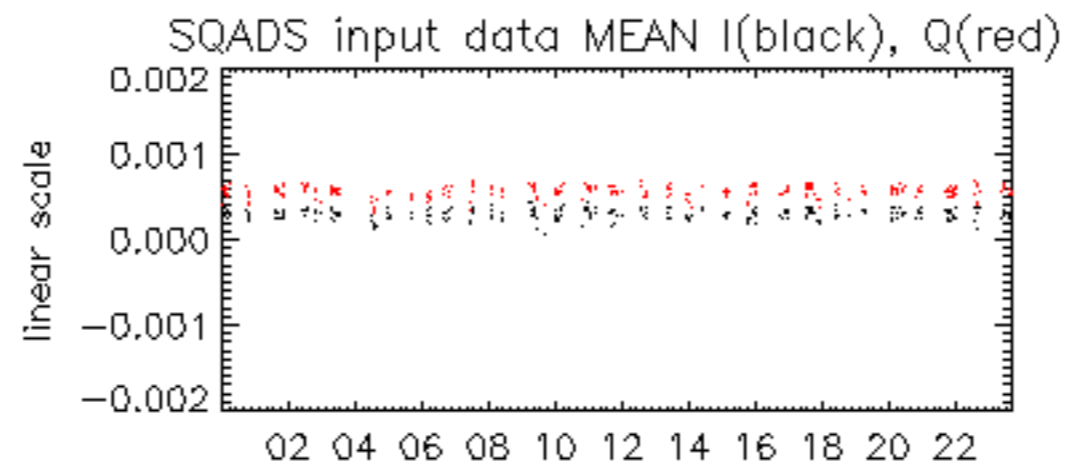




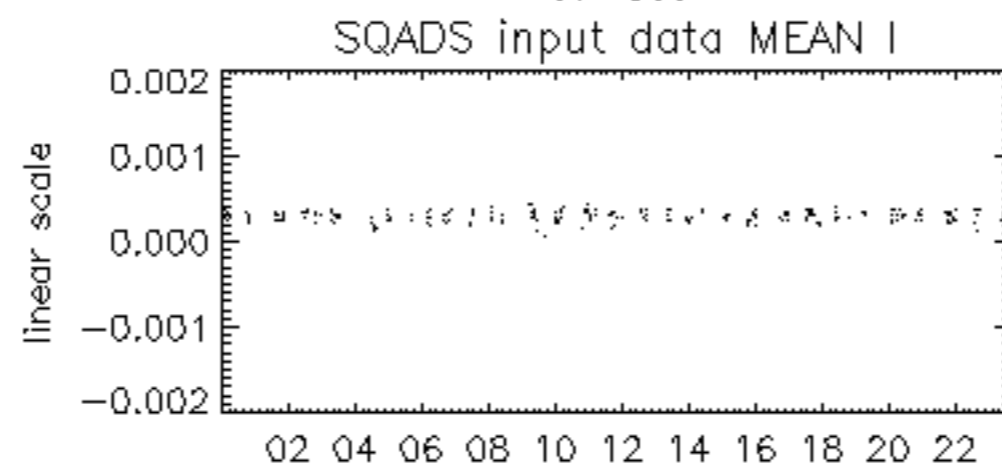




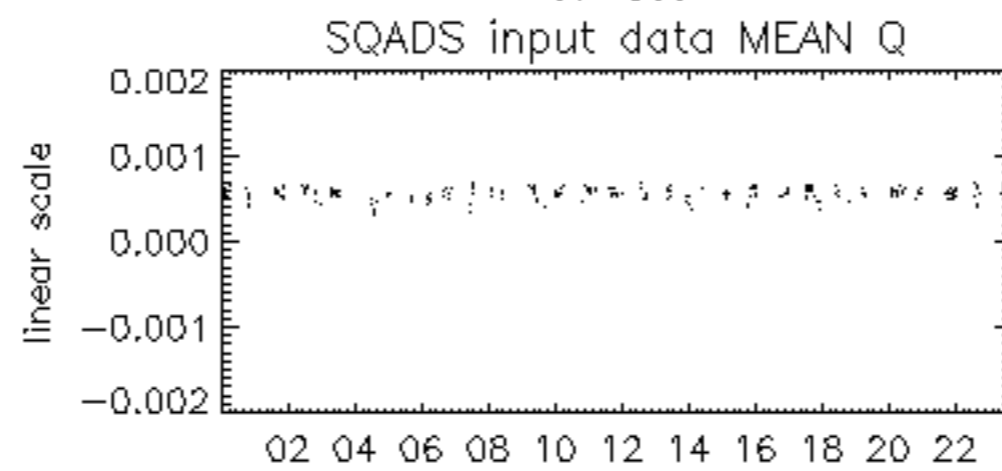




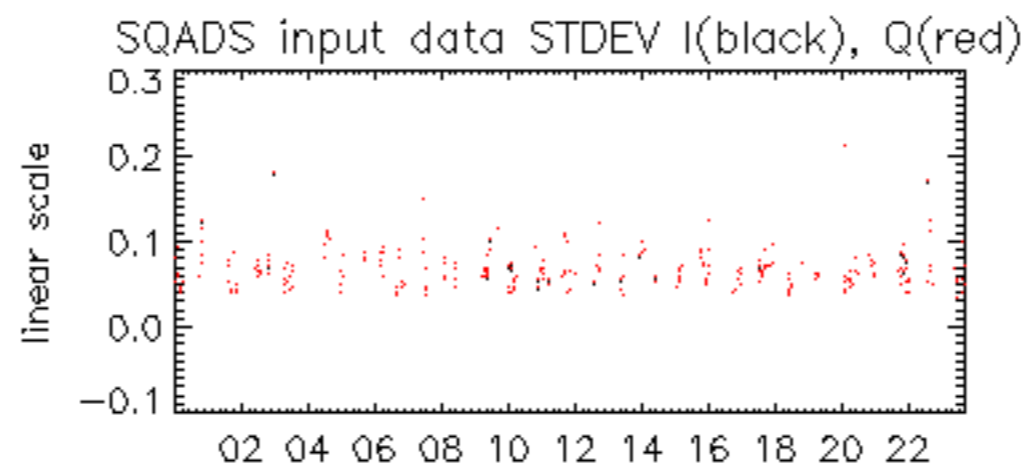
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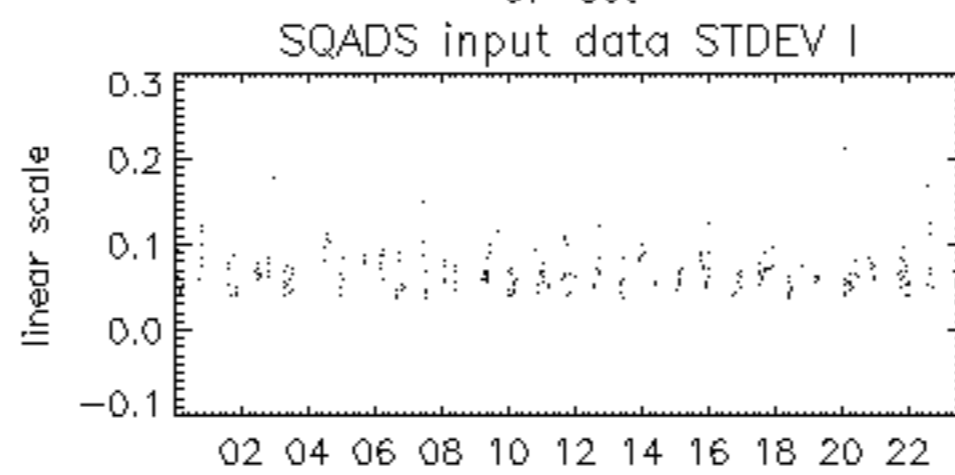
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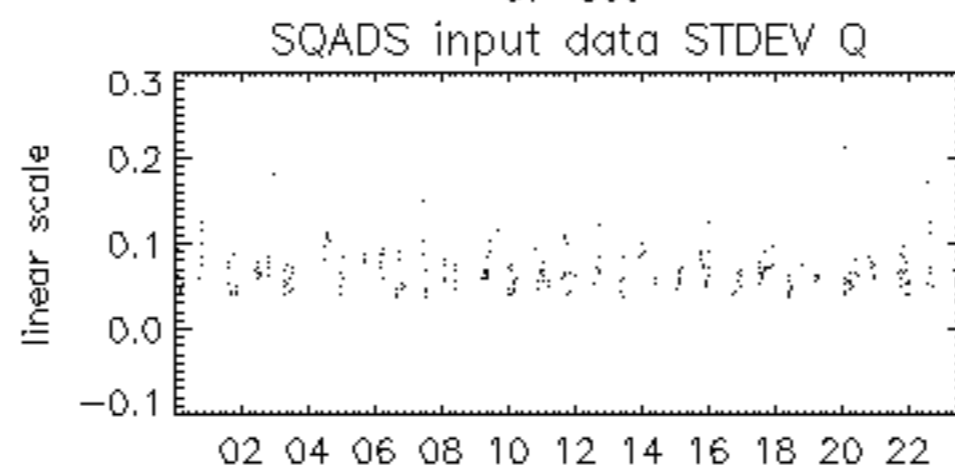
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