



Analysis from 17-DEC-2009 00:00:00 to 17-DEC-2009 23:59:59. Page generated on 18-DEC-2009 08:32:11.
View log file: ASAR_Daily_Report_20091218_0831.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

SUMMARY

1. DATA SUMMARY
 - 1.1 Summary tables
 - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
 - 2.1 IECF operational ADFs list
 - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
 - 3.1 V/V polarisation
 - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
 - 4.1 Analysis for WVS IS2 V/V
 - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
 - 4.1.2 All Rows Analysis for WVS IS2 V/V
 - 4.2 Analysis for GM1 SS3 H/H
 - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
 - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
 - 5.1 Analysis for WVS IS2 V/V
 - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
 - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
 - 5.2 Analysis for GM1 SS1 H/H
 - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
 - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
 - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
 - 6.1 Analysis for WSM SS1 H/H
 - 6.1.1 ScaleFactor
 - 6.2 Analysis for WSM SS1 V/V
 - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
 - 7.1 Analysis for WVS
 - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
 - 8.1 Number of Missing Lines
 - 8.2 Number of Gaps

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

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	17	PDE	IS5	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	29	PDK	2009-12-17 07:47:02	V	320
PDE	IS2	V/V	24	PDK	WS	H/H	51	PDE	IS7	H/H	1	PDE	IS2	V/V	15	PDE	WS	V/V	18				
PDK	IS2	V/V	26									PDE	IS5	H/H	1	PDK	WS	H/H	17				
												PDE	IS6	H/H	2	PDK	WS	V/V	2				
												PDE	IS6	V/V	4								
												PDK	IS1	V/V	2								
												PDK	IS2	H/H	1								
												PDK	IS2	V/V	1								

1.2 - Lists of products used

[[BACK TO MENU](#)]

[\[TXT\]](#) [\[XLS\]](#) 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

[[BACK TO MENU](#)]

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

[[BACK TO MENU](#)]

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	14	14	14	14
GM1	11	11	11	11
APM	0	0	0	0
IMM	11	11	11	11
WSM	21	21	21	21

[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_WVS
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_GM1
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_APM
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_IMM

3 - MODULE STEPPING PRODUCTS ANALYSIS





3.2 - H/H polarisation

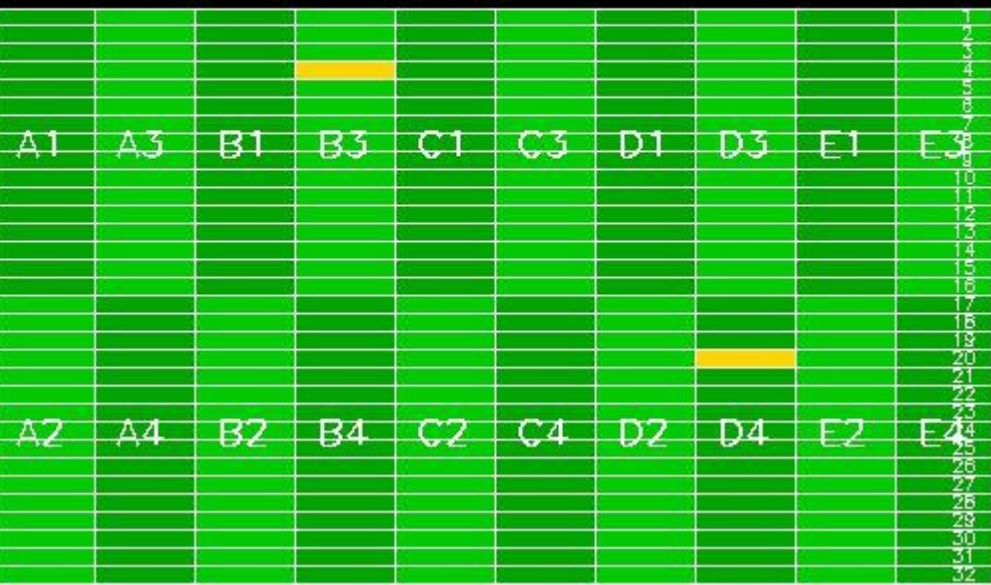
[[BACK TO MENU](#)]

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

Reference: 2005-09-22 06:26:51 H RxGain
 Test : 2009-12-16 08:18:38 H



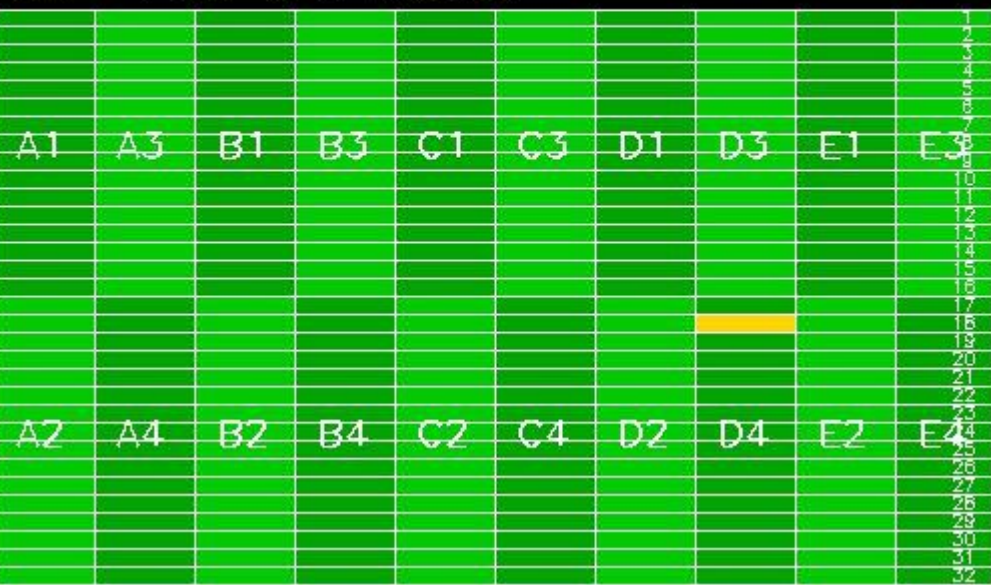
Reference: 2009-12-14 09:21:52 H RxGain
 Test : 2009-12-16 08:18:38 H

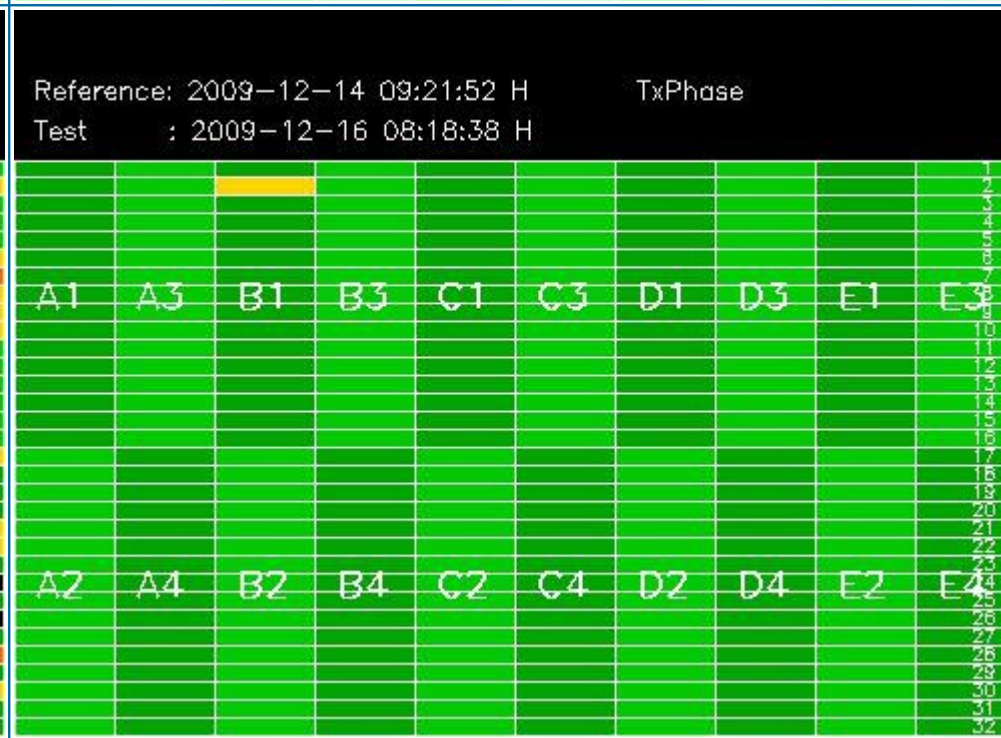
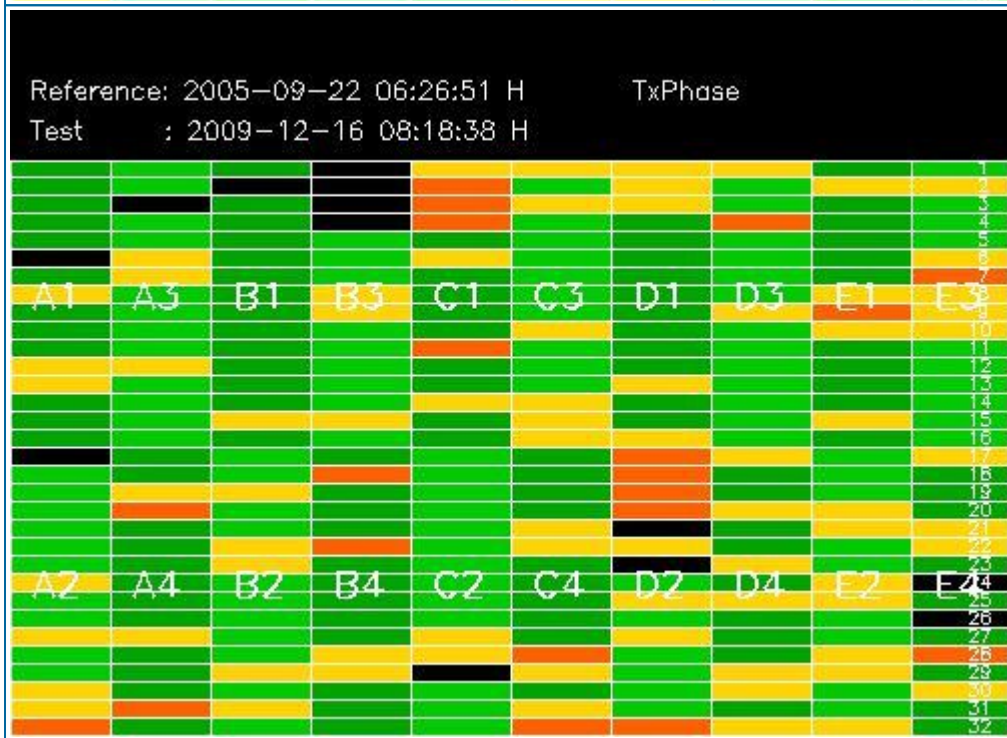
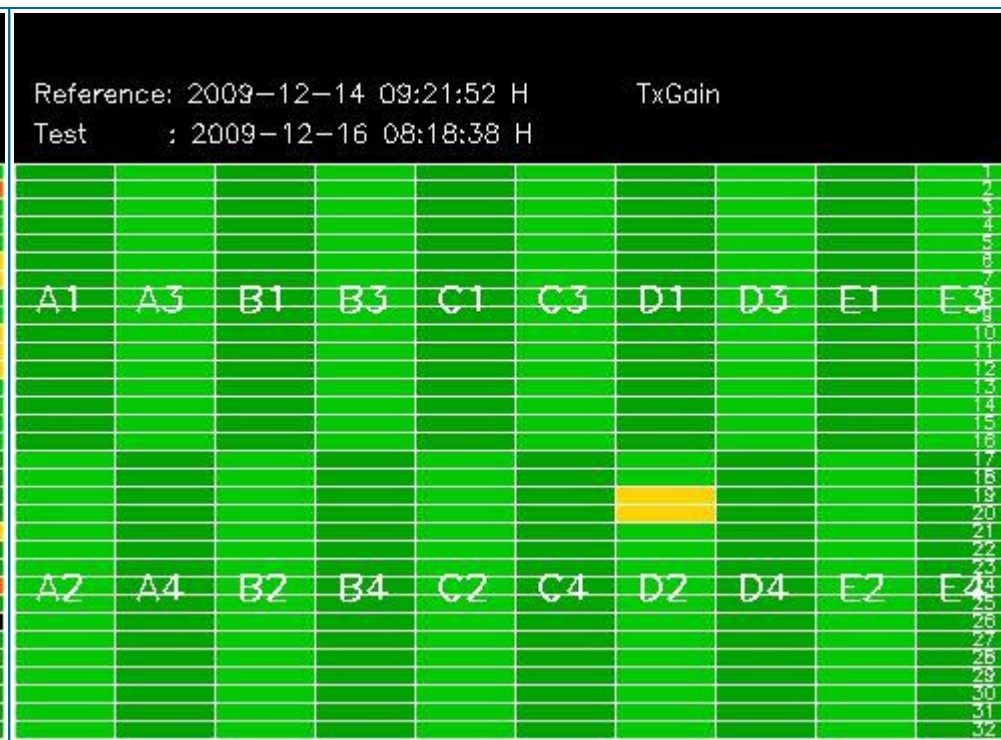
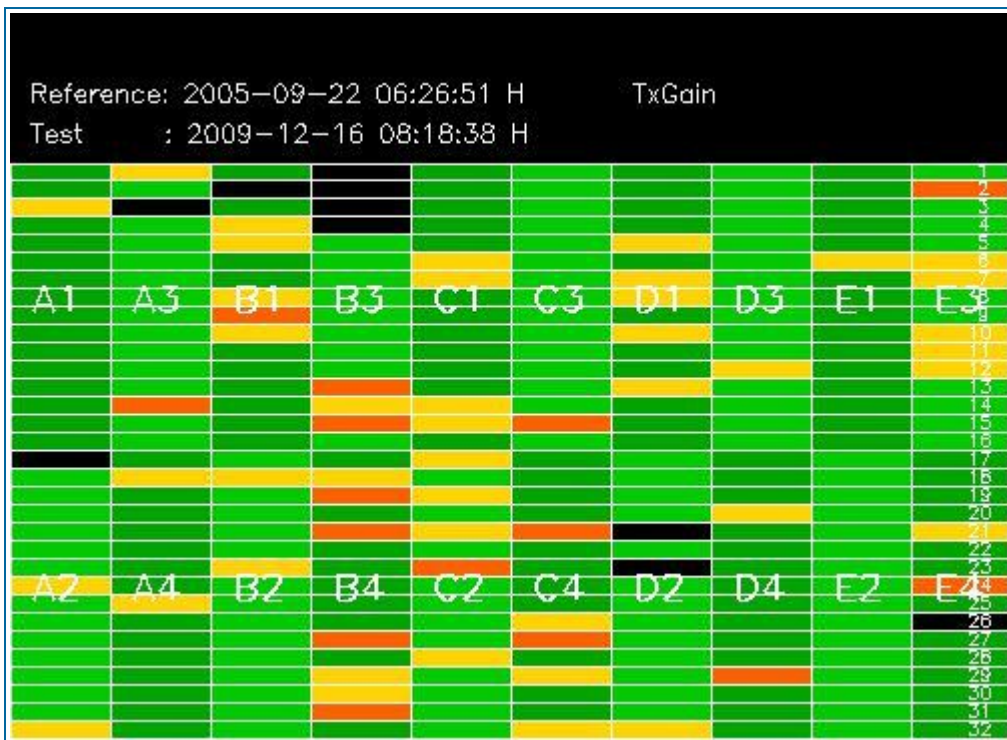


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2009-12-16 08:18:38 H



Reference: 2009-12-14 09:21:52 H RxPhase
 Test : 2009-12-16 08:18:38 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

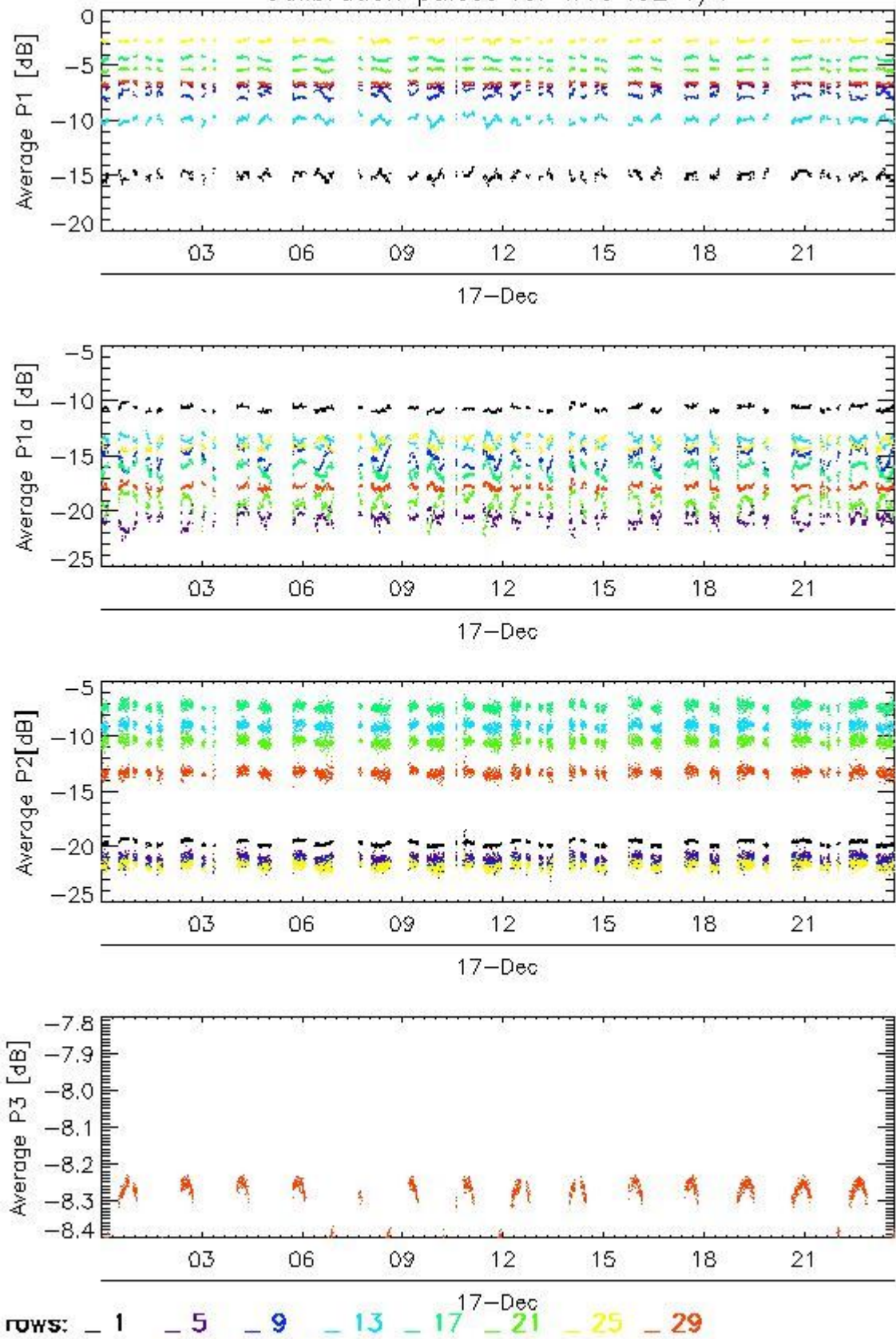
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

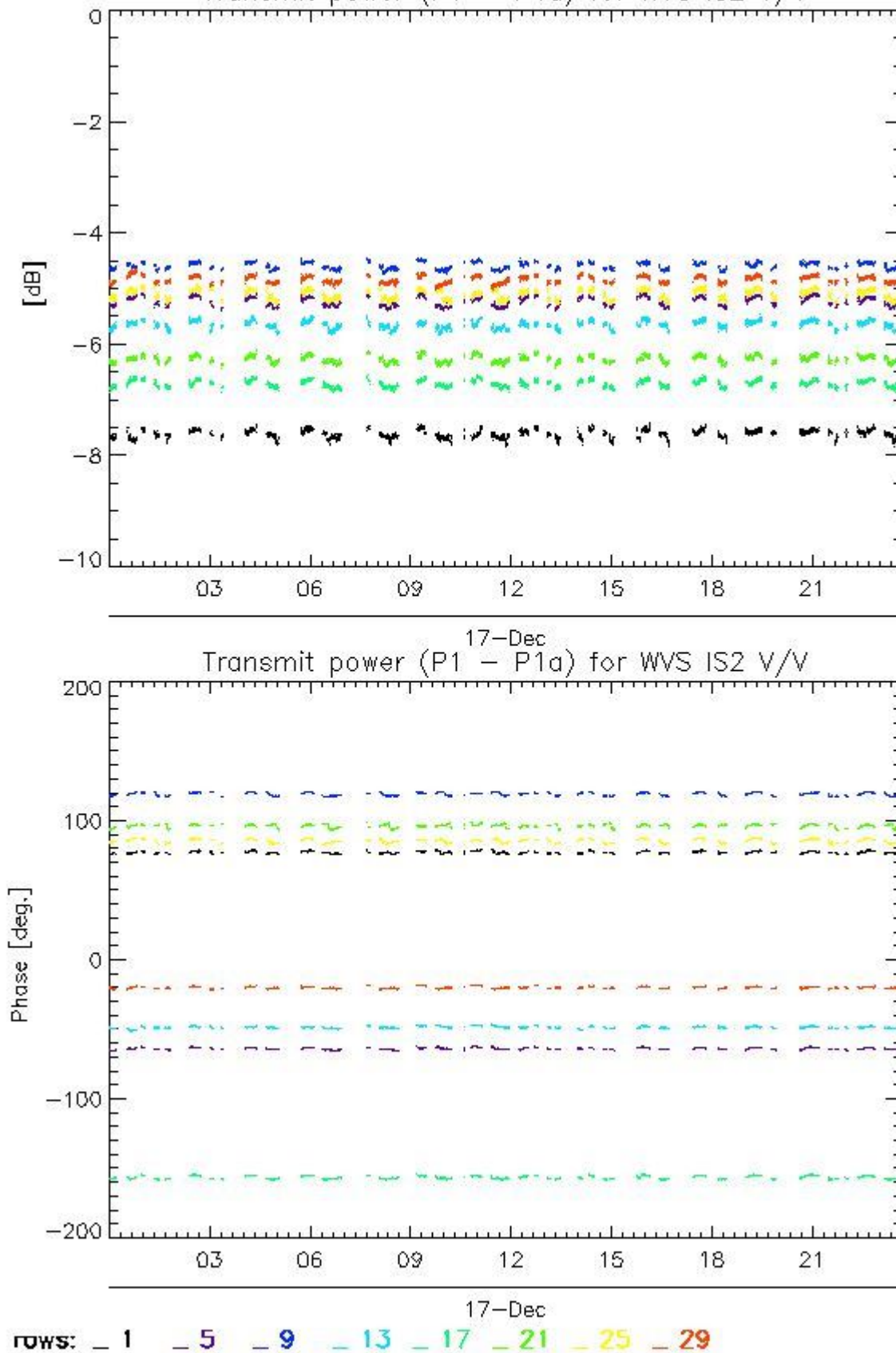
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



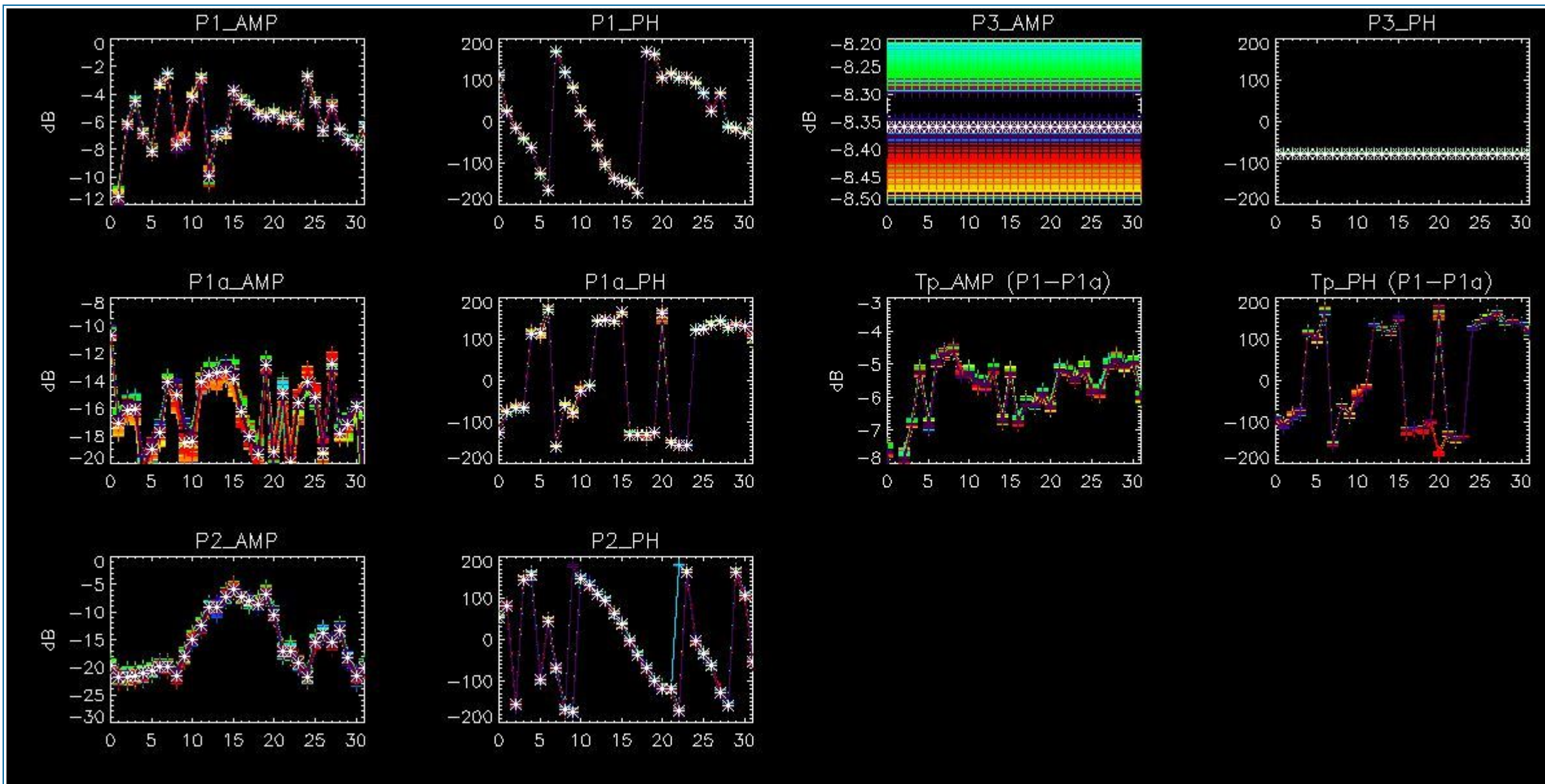
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

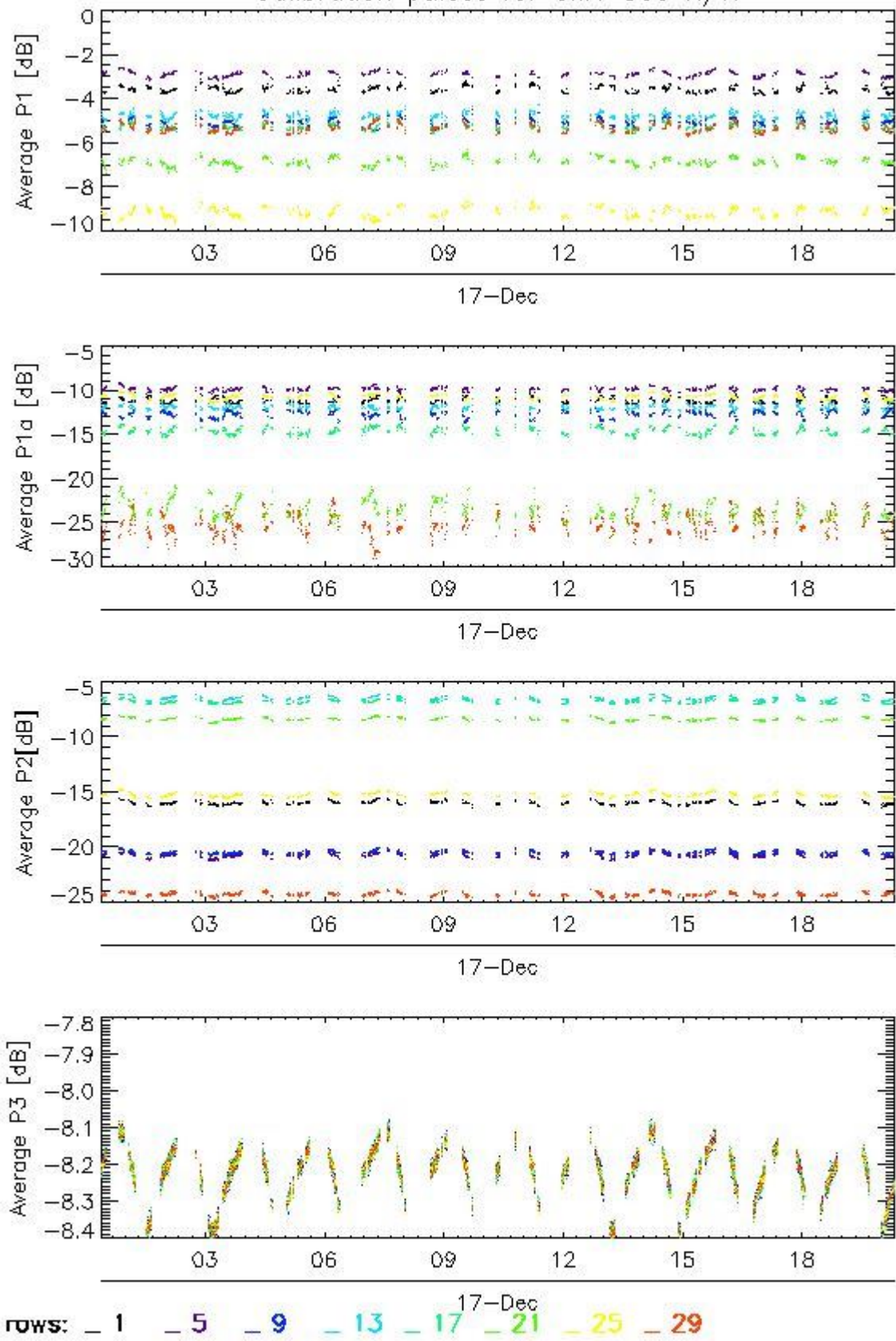
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

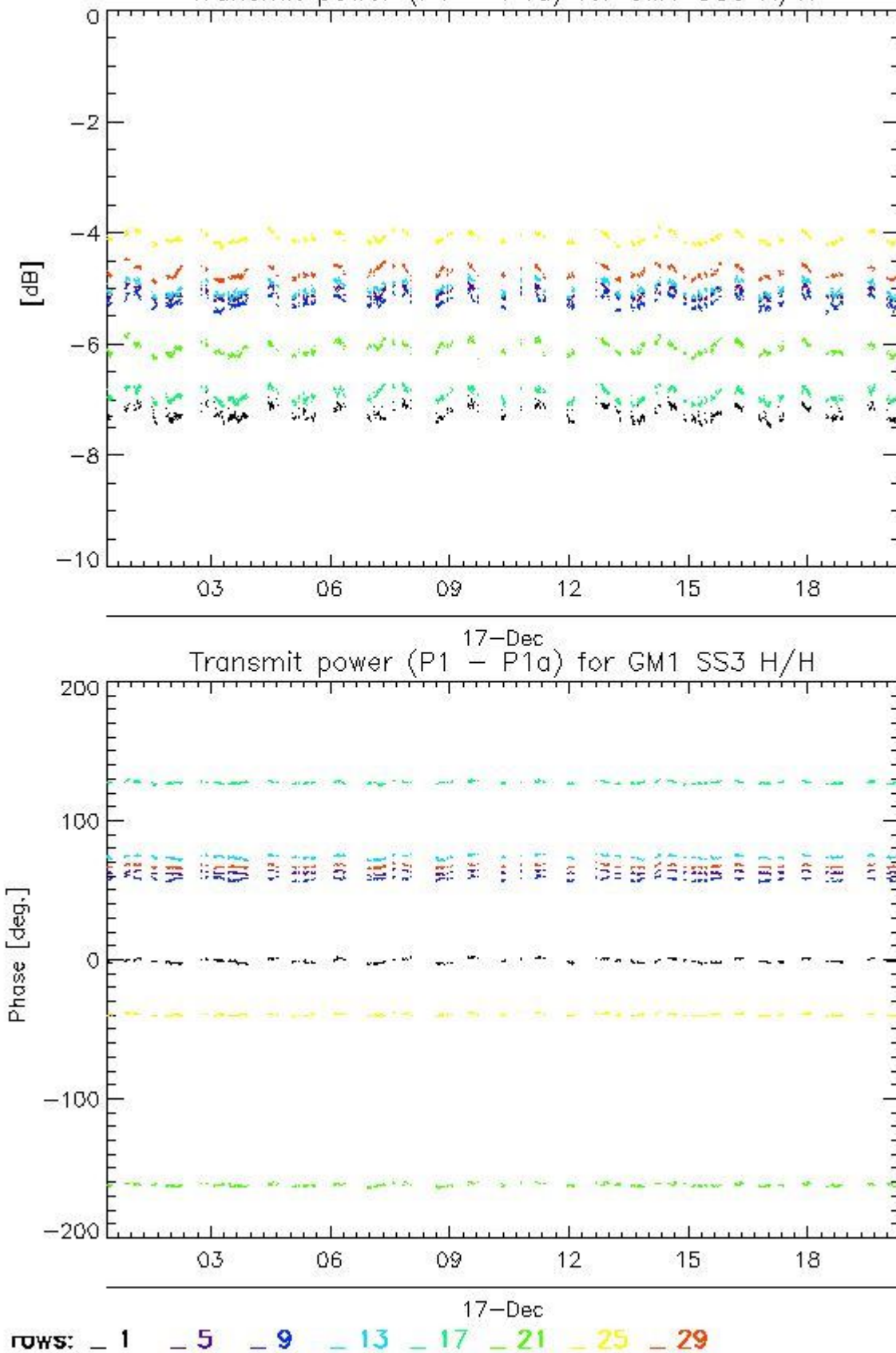
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



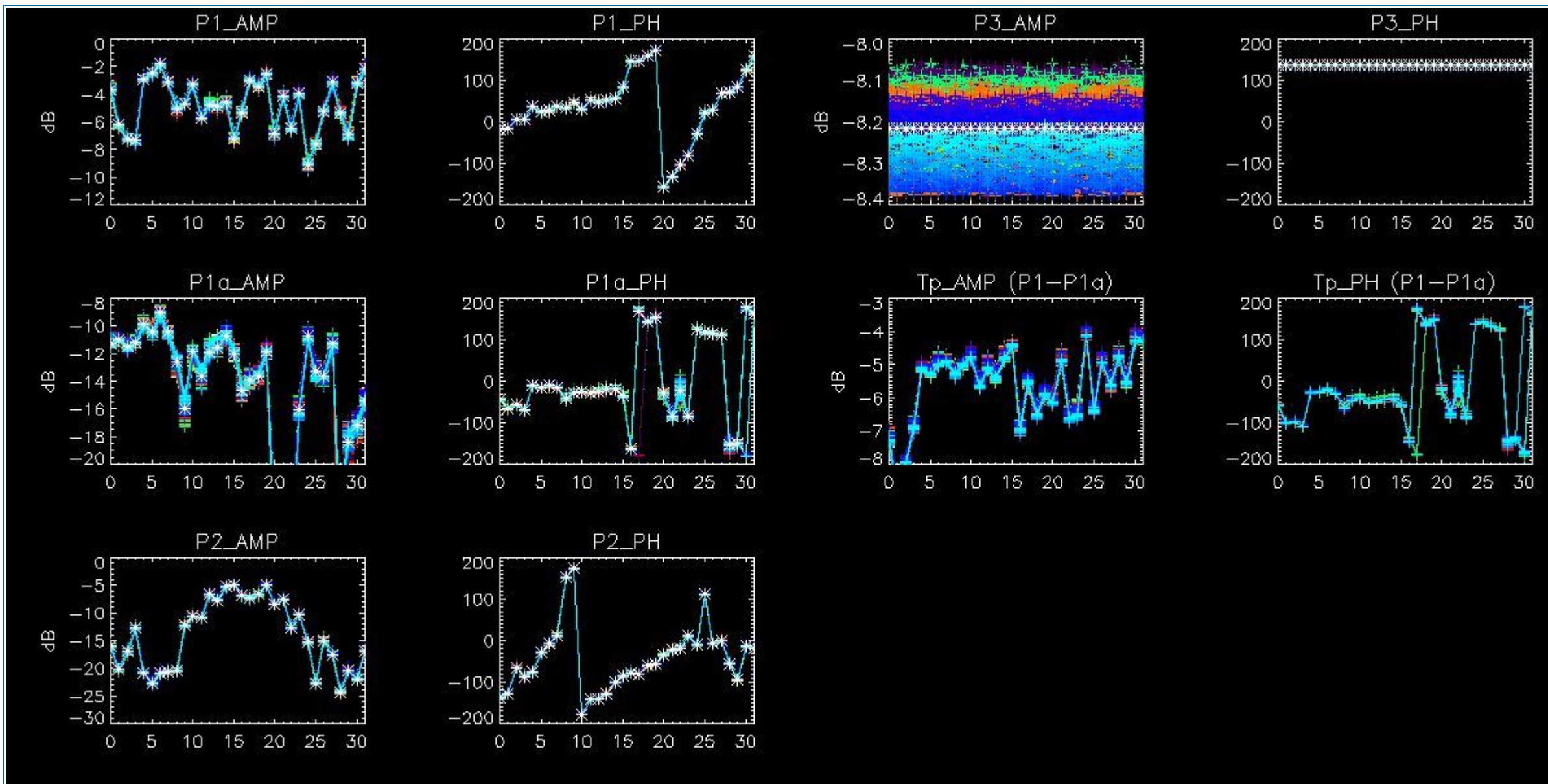
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





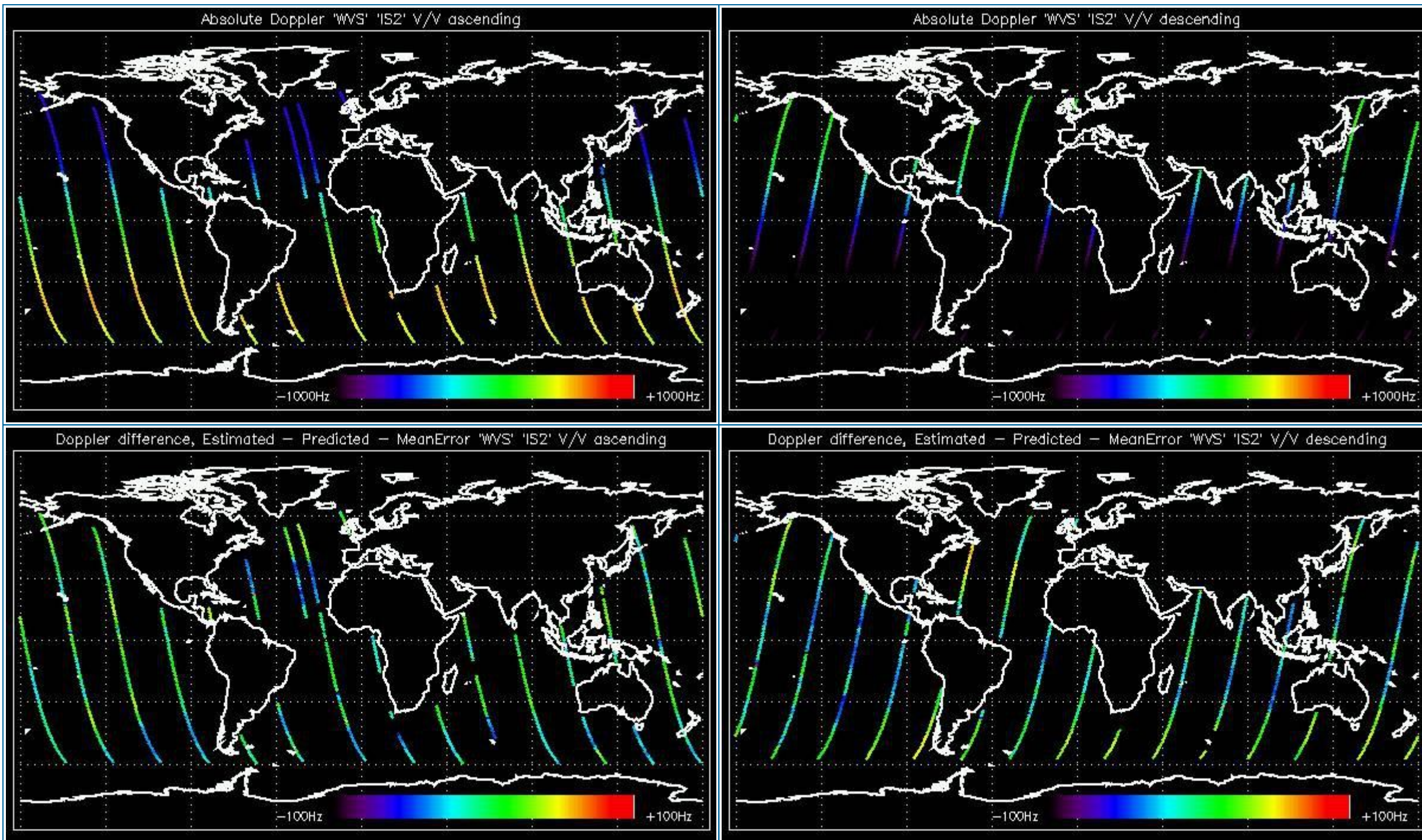
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

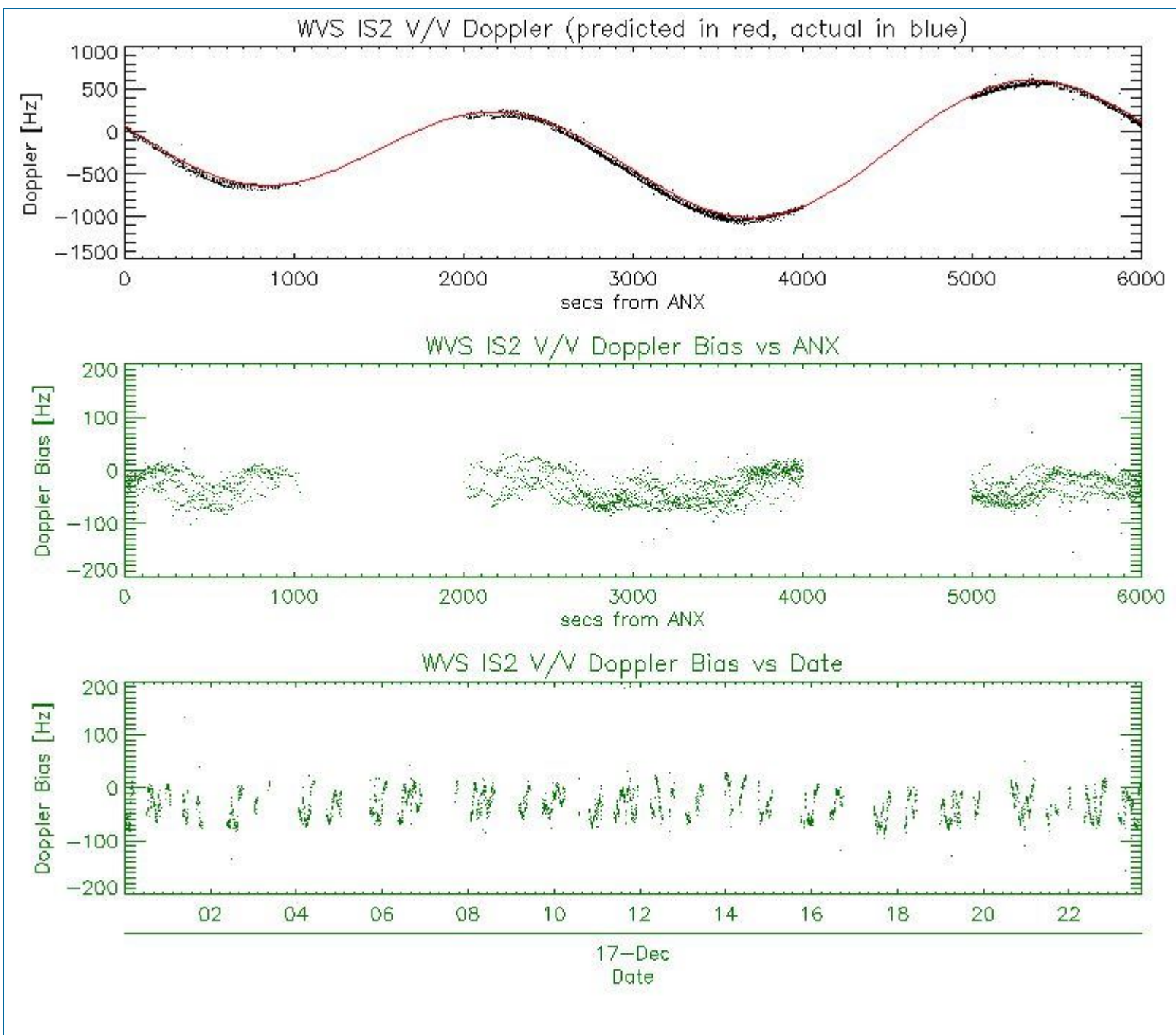




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



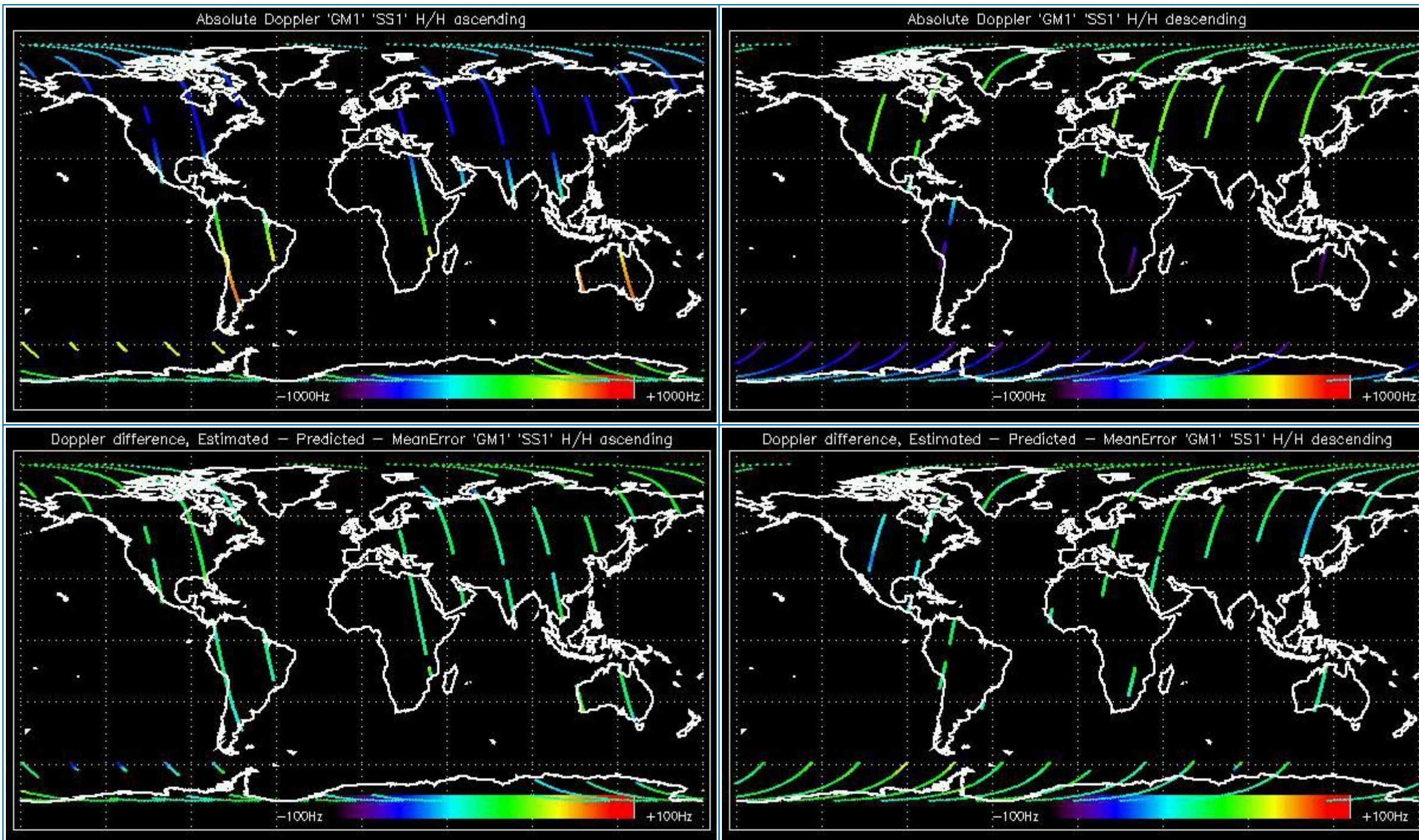


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

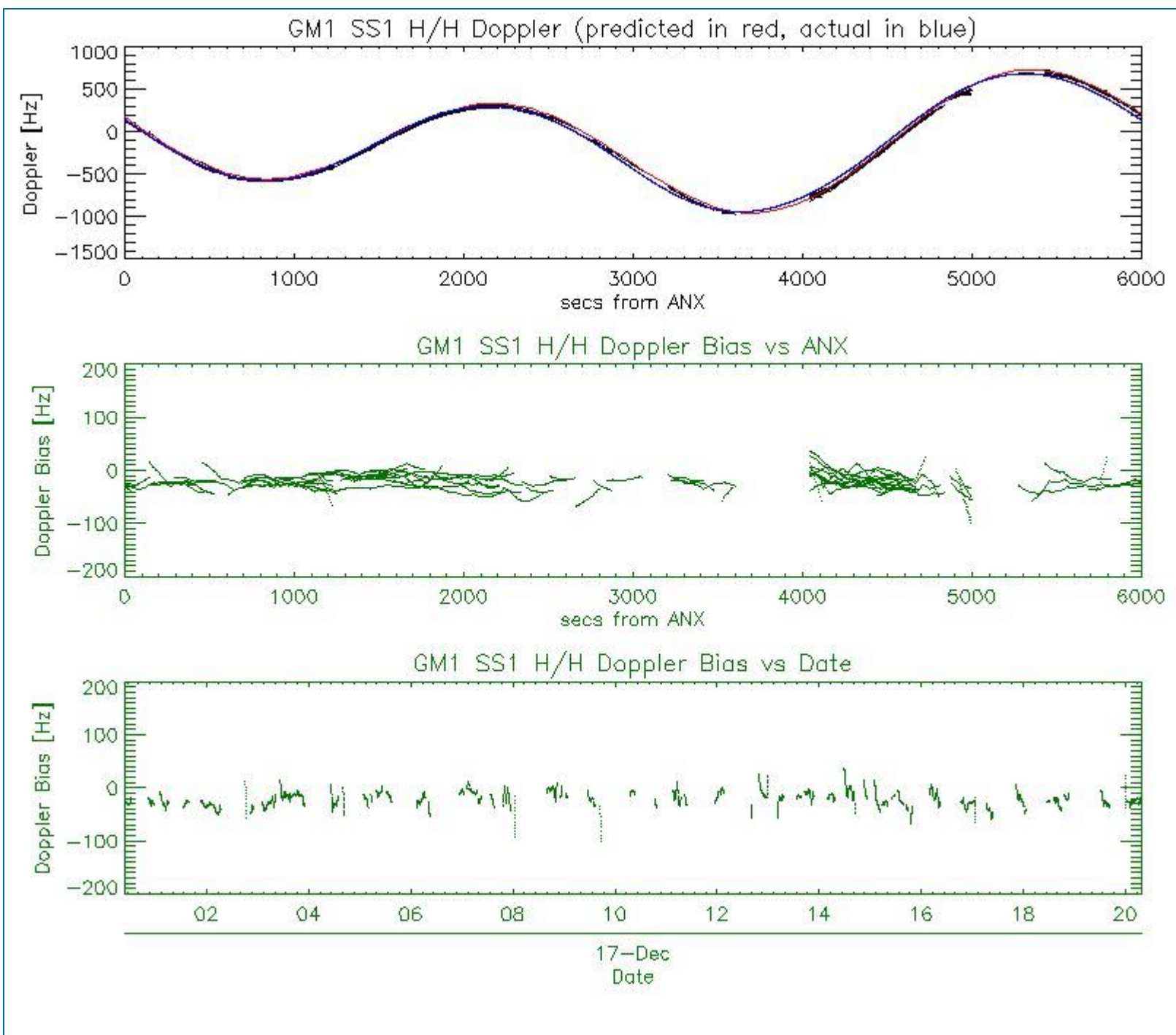




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

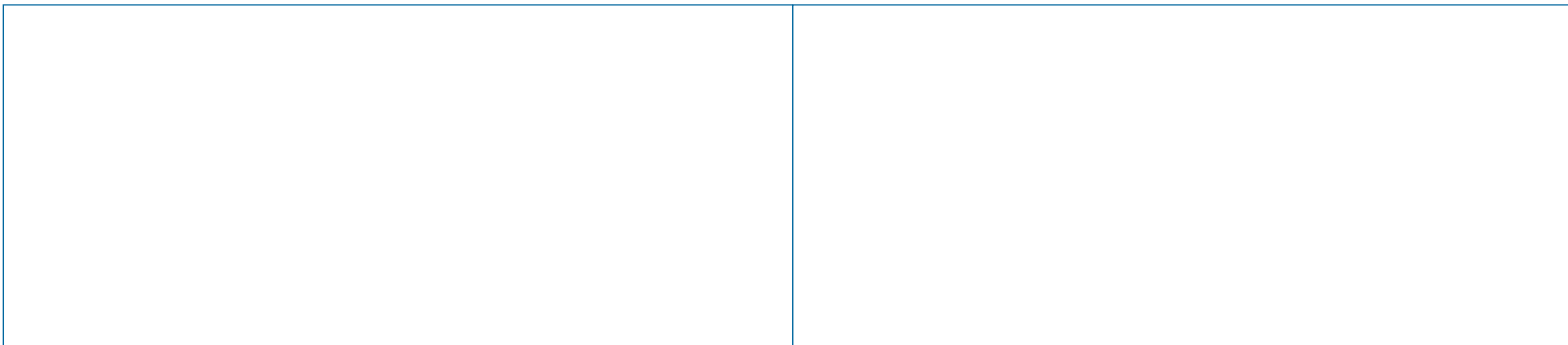
[[BACK TO MENU](#)]

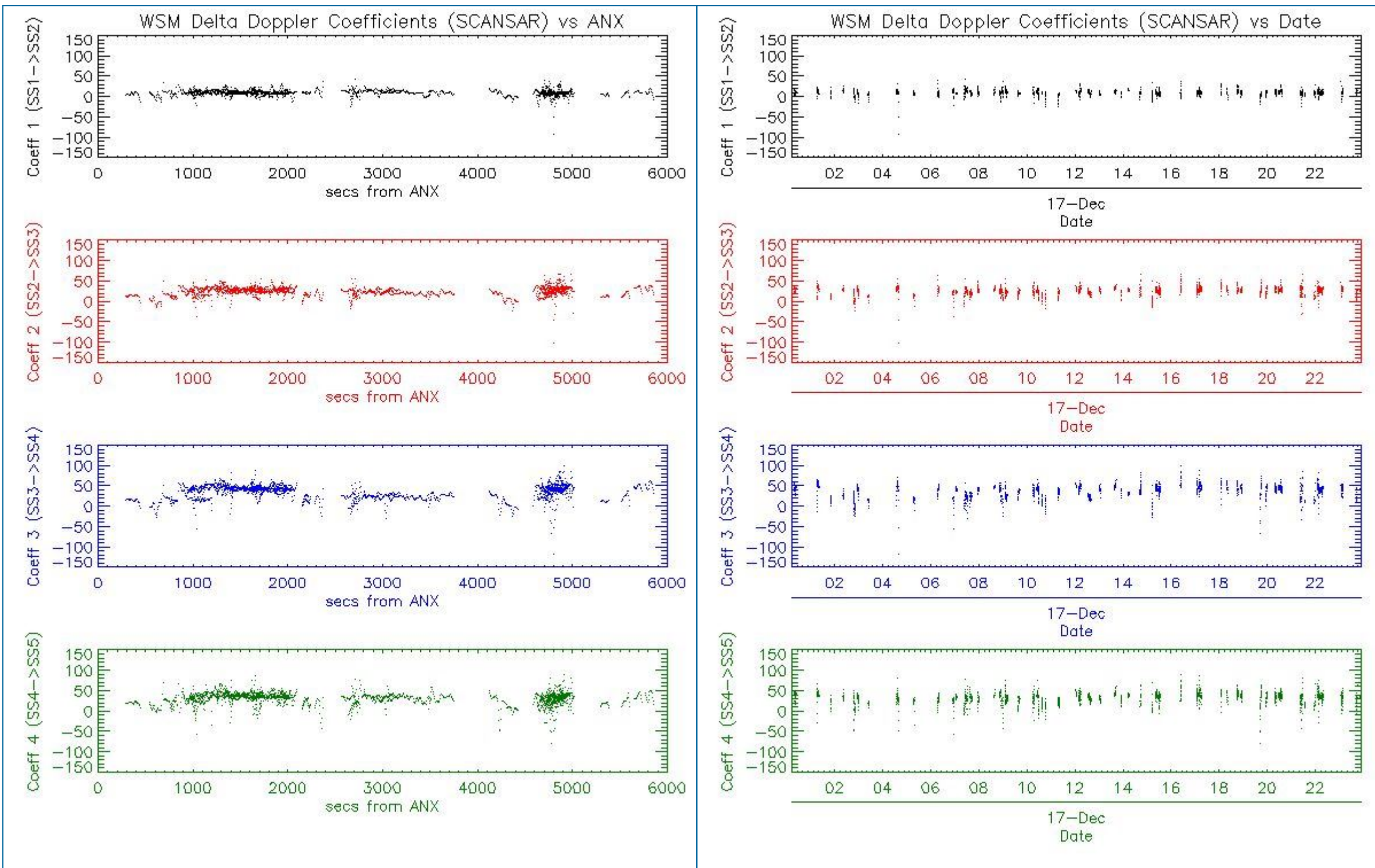




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]



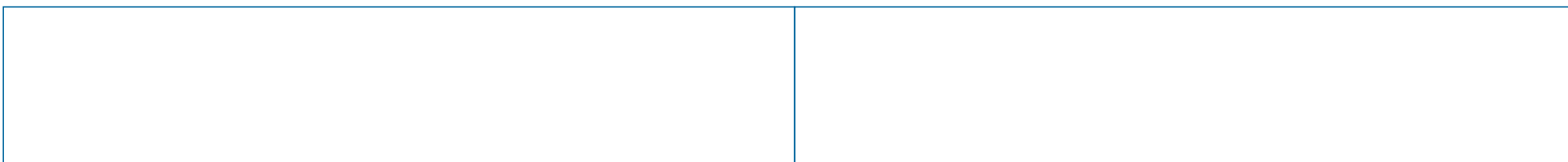


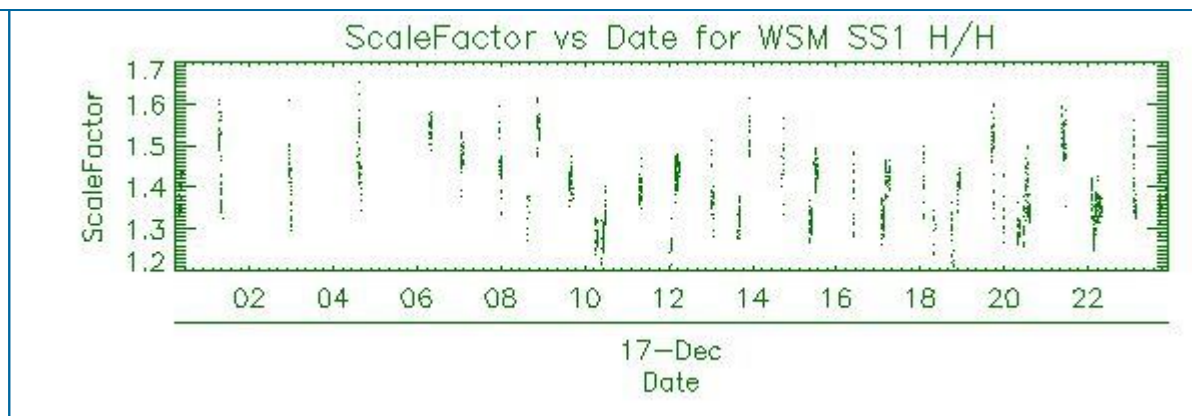
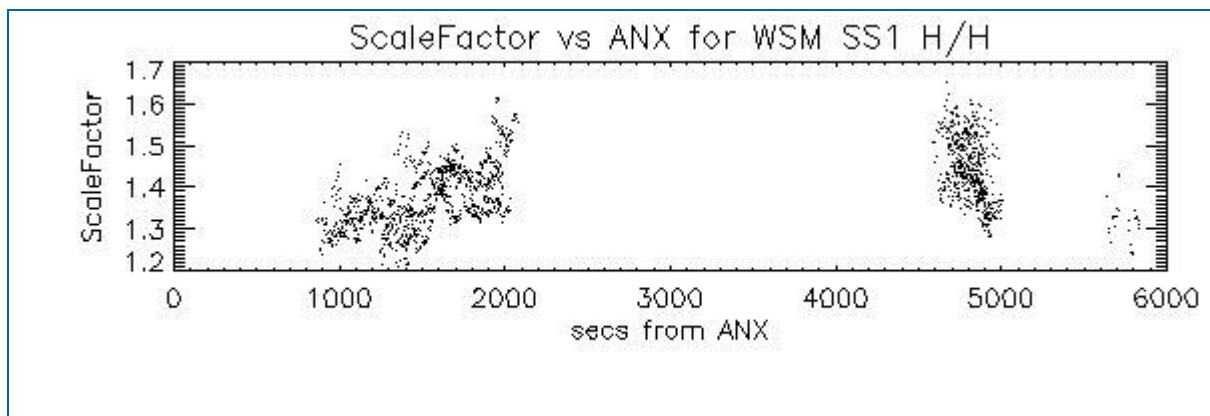
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

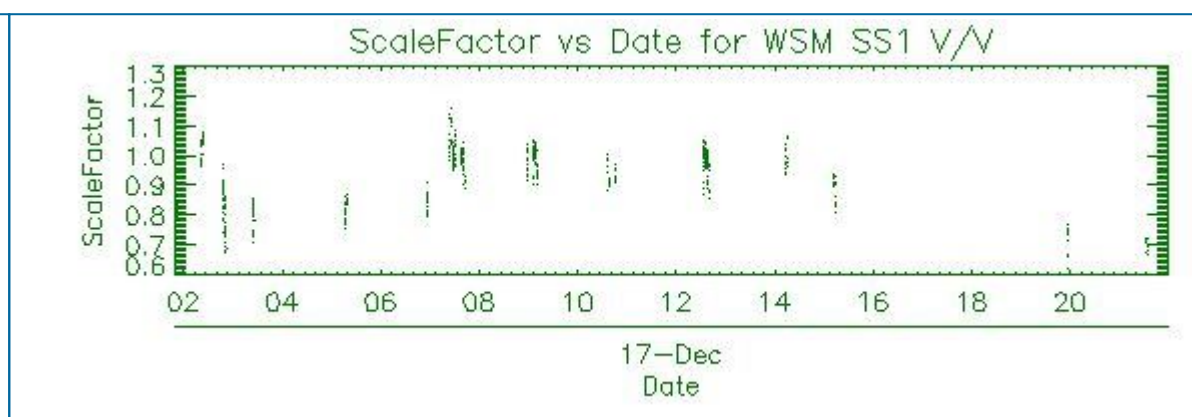
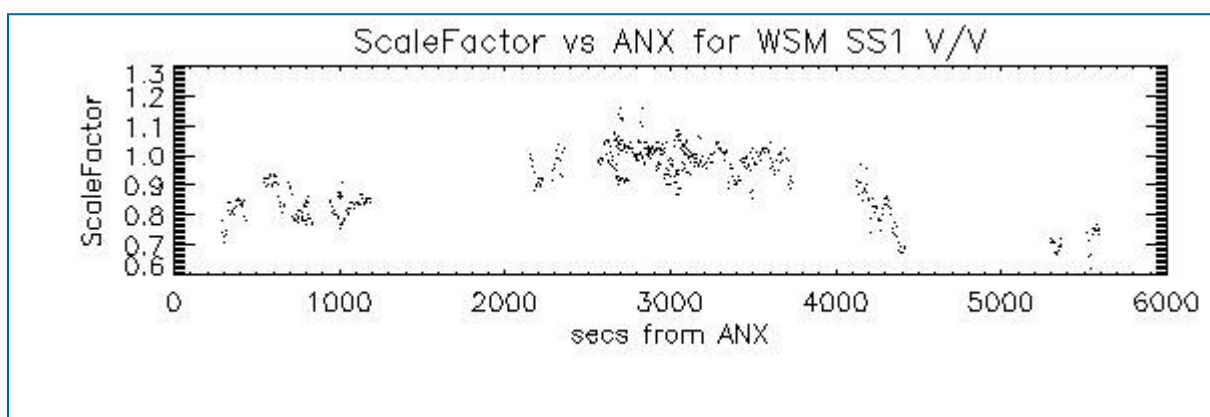




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

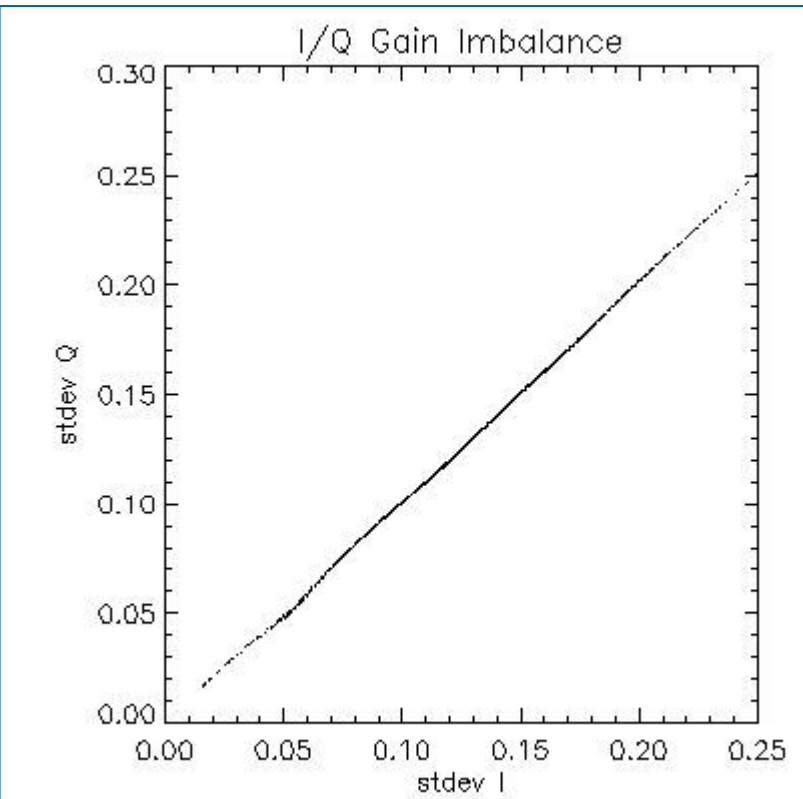
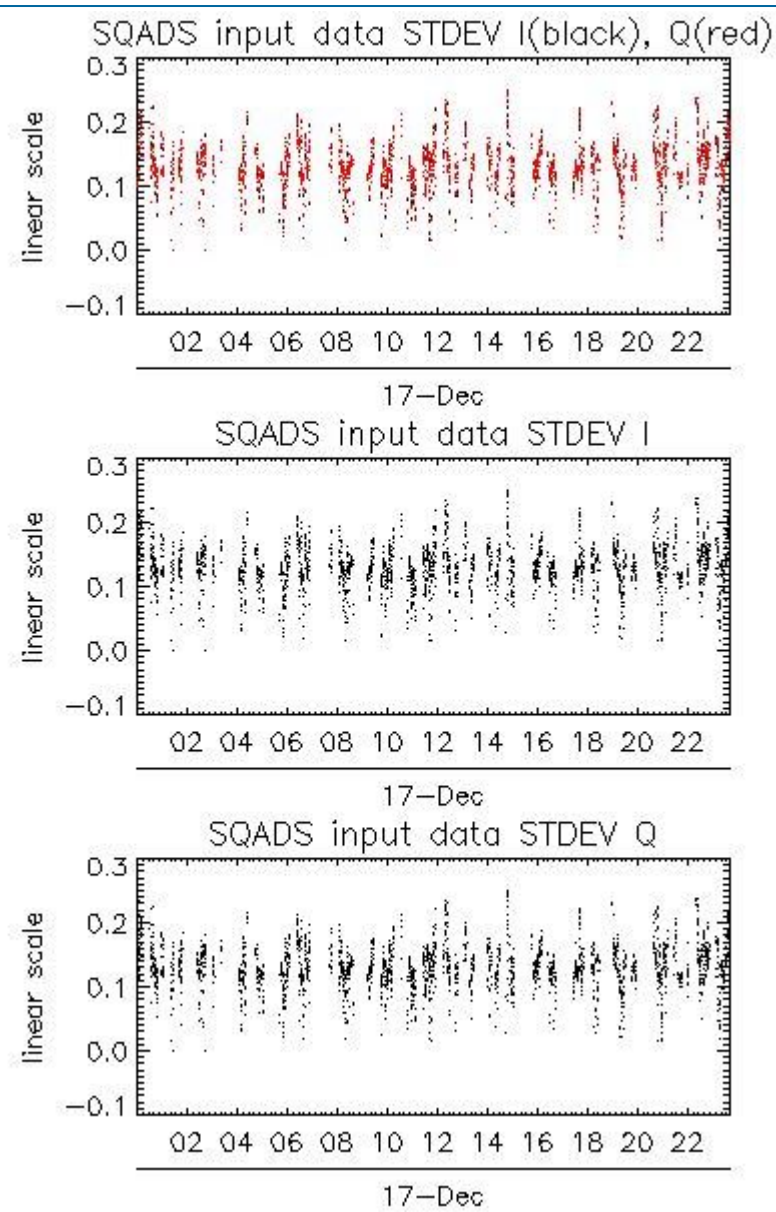
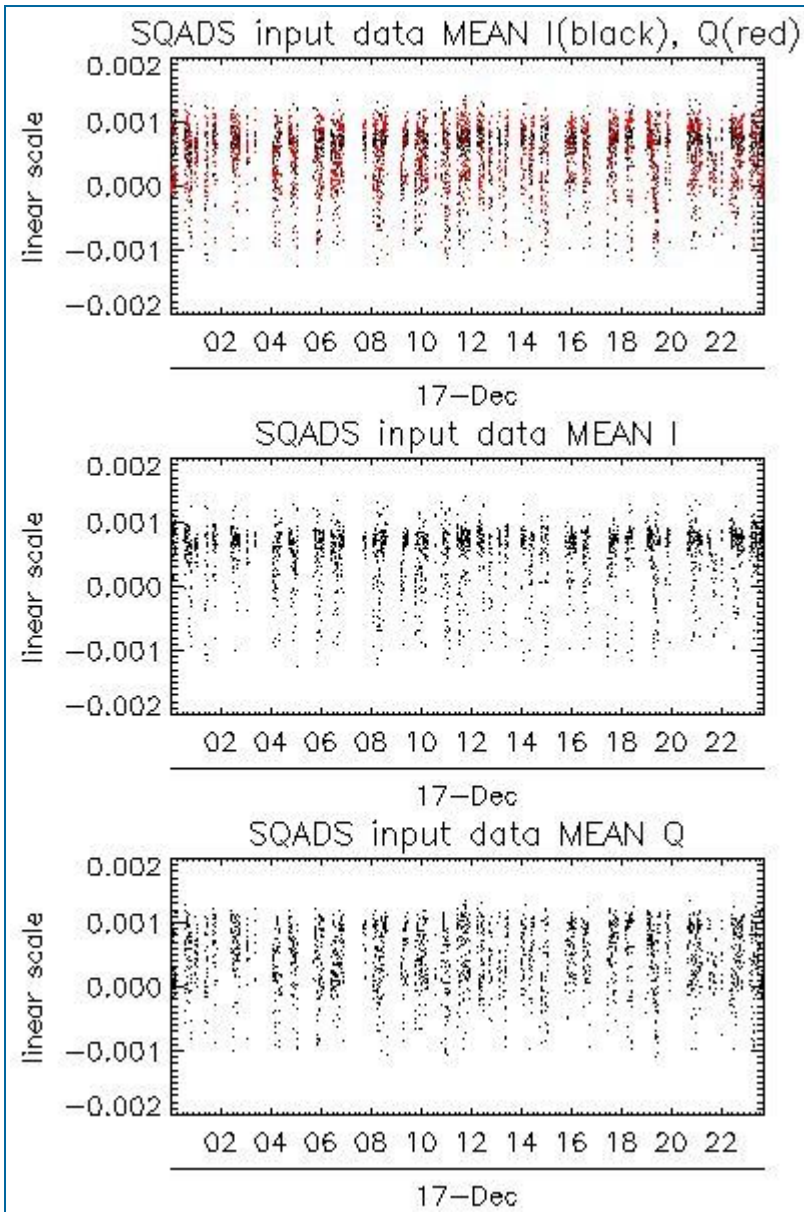


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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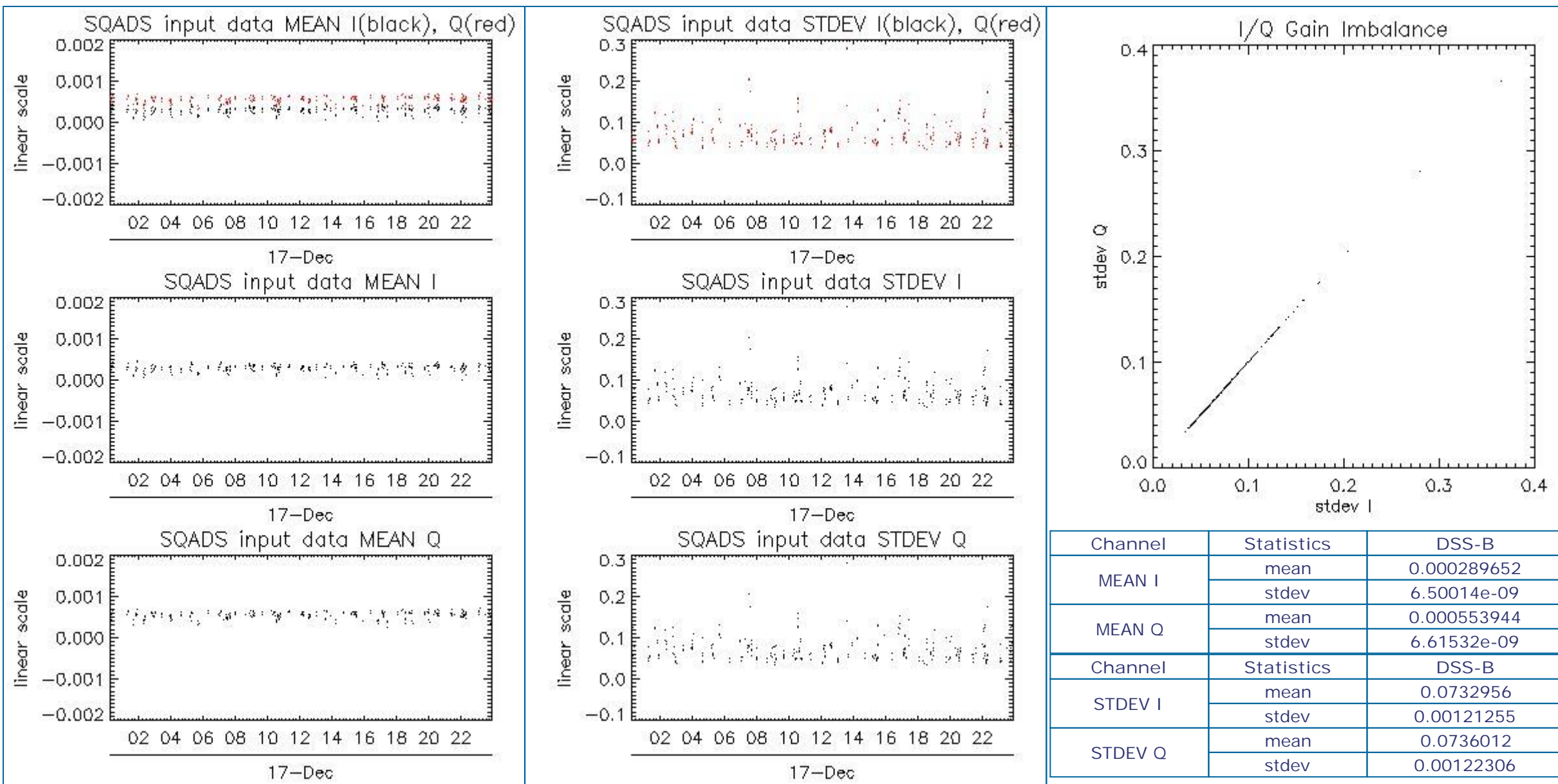


Channel	Statistics	DSS-B
MEAN I	mean	0.000492172
	stdev	2.22211e-07
MEAN Q	mean	0.000457030
	stdev	2.40189e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.130878
	stdev	0.00126428
STDEV Q	mean	0.131215
	stdev	0.00128405

7.2 - Analysis for IMM

[[BACK TO MENU](#)]





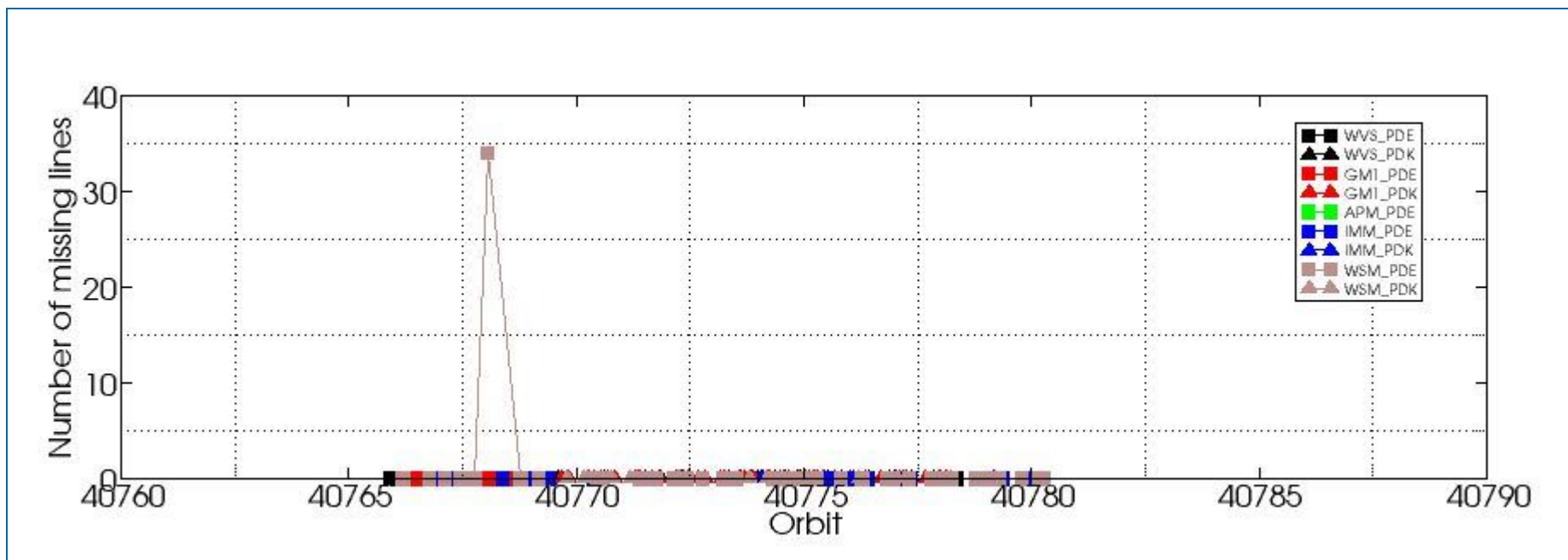
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20091217_032315_000001652085_00133_40768_9638.N1	0	34

8.1 - Number of Missing lines

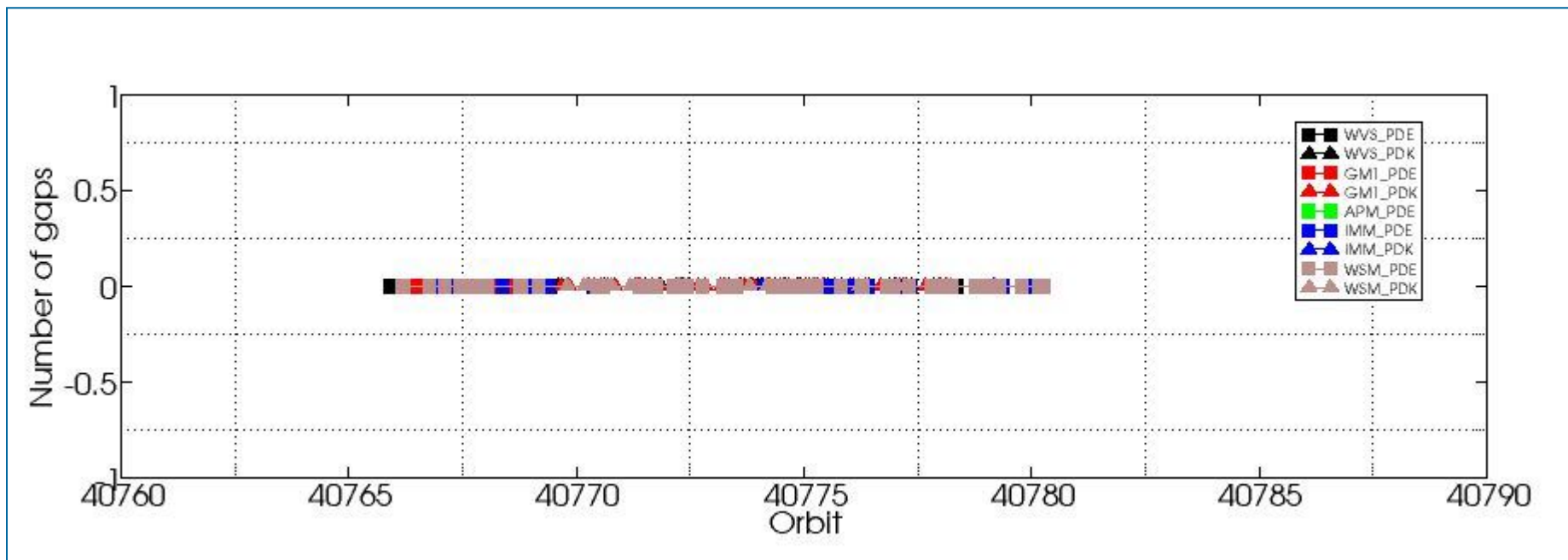
[BACK TO MENU]





8.2 - Number of Gaps

[\[BACK TO MENU \]](#)



```
#####  
ASAR DAILY REPORT for 091217  
#####
```

```
MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY
```

```
Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_091217/
```

DATA SUMMARY

```
#####  
Summary will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_091217/DATA_SUMMARY
```

```
Creating directory ./RESULTS/DAILY/_091217/DATA_SUMMARY...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/Data_summary.html...
```

```
*****  
Getting WVS products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_WVS_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_WVS_products_used.txt...
```

```
*****  
Getting GM1 products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_GM1_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_GM1_products_used.txt...
```

```
*****  
Getting APM products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_APM_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_APM_products_used.txt...
```

```
*****  
Getting IMM products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_IMM_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_IMM_products_used.txt...
```

```
*****  
Getting WSM products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_WSM_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_WSM_products_used.txt...
```

```
*****  
Getting MS products list from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_MS_products_used.xls...  
Writing file ./RESULTS/DAILY/_091217/DATA_SUMMARY/List_MS_products_used.txt...
```

```
DATA SUMMARY completed  
#####
```

AUXILIARY FILES ANALYSIS

```
#####  
Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_091217/AUXILIARY
```

```
Creating directory ./RESULTS/DAILY/_091217/AUXILIARY...
```

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



ADF filter 20091217*current_3_IECF_ADFs.txt
 Found list 20091217_030000_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/_091217/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20091217_003110_000011442085_00131_40766_9590.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_005731_000003902085_00131_40766_9592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_012054_000003142085_00131_40766_9593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_012524_000002102085_00131_40766_9604.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_014037_000004792085_00132_40767_9606.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_022316_000011542085_00132_40767_9608.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_024200_000001502085_00132_40767_9628.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_030111_000002402085_00132_40767_9624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_032108_000000892085_00133_40768_9622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_040303_000009592085_00133_40768_9630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_041847_000001352085_00133_40768_9640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_042405_000000602085_00133_40768_9642.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_044156_000012742085_00133_40768_9648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_054237_000010792085_00134_40769_9649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDE20091217_203822_000019642085_00143_40778_9741.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_212758_000002402085_00143_40778_9742.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_213414_000000452085_00143_40778_9753.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_214035_000002842085_00143_40778_9755.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_215922_000001802085_00144_40779_9756.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_222117_000018292085_00144_40779_9758.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_230849_000002702085_00144_40779_9759.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_231234_000009932085_00144_40779_9772.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20091217_233039_000006292085_00145_40780_9773.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDK20091217_060022_000003152085_00134_40769_0697.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_062232_000019342085_00134_40769_0700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_074216_000002402085_00135_40770_0718.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_080308_000020542085_00135_40770_0722.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_091127_000009292085_00136_40771_0735.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_094344_000018442085_00136_40771_0738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_103443_000000752085_00137_40772_0748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_104855_000011092085_00137_40772_0751.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_112420_000019492085_00137_40772_0755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_121452_000009892085_00138_40773_0762.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_124126_000004052085_00138_40773_0764.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_130446_000003152085_00138_40773_0765.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_131836_000006222085_00138_40773_0770.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_135832_000006142085_00139_40774_0800.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_141908_000005702085_00139_40774_0802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_144522_000003902085_00139_40774_0803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_145621_000004792085_00139_40774_0808.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_154451_000000892085_00140_40775_0824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_154927_000001642085_00140_40775_0823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_155338_000009442085_00140_40775_0826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_162558_000010642085_00140_40775_0830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK			
ASA_WVS_1PNPDK20091217_172642_000013942085_00141_40776_0842.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDK20091217_181016_000005092085_00141_40776_0843.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDK20091217_182054_000003892085_00141_40776_0846.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK
ASA_WVS_1PNPDK20091217_185955_000018292085_00142_40777_0861.N1	ASA_CON -> NOT OK	ASA_INS -> NOT OK	ASA_XCH -> NOT OK	ASA_XCA -> NOT OK



ASA_WVS_1PNPDK20091217_194710_000004802085_00142_40777_0865.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20091217_002344_000004472085_00131_40766_9589.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091217_005057_000003922085_00131_40766_9591.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
...
ASA_GM1_1PNPDK20091217_170239_00000662085_00141_40776_0840.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK

```
ASA_GM1_1PNPDK20091217_171629_000004652085_00141_40776_0841.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_175039_000007982085_00141_40776_0844.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_182810_000001572085_00142_40777_0845.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_183523_000003682085_00142_40777_0847.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_184010_000002772085_00142_40777_0859.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_184737_000003682085_00142_40777_0860.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_193115_000006282085_00142_40777_0863.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_195928_00000662085_00142_40777_0864.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_200215_000006712085_00142_40777_0862.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDK20091217_201604_000001872085_00143_40778_0866.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20091217_015148_00000822085_00132_40767_9611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20091217_165112_00000432085_00141_40776_9723.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20091217_001434_000002852085_00131_40766_9600.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_013908_00000832085_00132_40767_9603.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_021652_00000832085_00132_40767_9613.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_021837_00000532085_00132_40767_9615.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_035522_000004152085_00133_40768_9620.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_050954_000001232085_00134_40769_9660.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_051424_00000522085_00134_40769_9659.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_053809_000002622085_00134_40769_9643.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_071754_00000372085_00135_40770_9662.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_073153_000001012085_00135_40770_9666.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_104132_000002172085_00137_40772_9692.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_155243_00000462085_00140_40775_9722.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_164428_00000852085_00141_40776_9726.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_165225_00000472085_00141_40776_9724.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091217_171212_00000402085_00141_40776_9728.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_172411_000001422085_00141_40776_9730.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_183046_000001882085_00142_40777_9732.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_183407_00000622085_00142_40777_9733.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_185742_000001232085_00142_40777_9736.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_200037_00000882085_00142_40777_9739.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_222012_00000572085_00144_40779_9769.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_232941_00000532085_00145_40780_9770.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20091217_234440_000002642085_00145_40780_9786.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDK20091217_103101_000002152085_00137_40772_0746.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091217_132937_00000372085_00139_40774_0777.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091217_133223_00000832085_00139_40774_0778.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091217_220254_00000682085_00144_40779_0878.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_091217/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20091217_001313_00000672085_00131_40766_9587.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091217_001933_000002452085_00131_40766_9601.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```


MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_091217/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_091217/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_091217/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDK20091216_081838_000000162085_00121_40756_0941.N1

H
H
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/TGH_20091216_081838-20050922_062651.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/TPH_20091216_081838-20050922_062651.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/RGH_20091216_081838-20050922_062651.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/RPH_20091216_081838-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDK20091217_074702_000000162085_00135_40770_0942.N1

V
V
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/TGV_20091217_074702-20050923_055514.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/TPV_20091217_074702-20050923_055514.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/RGV_20091217_074702-20050923_055514.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/SECOND_REFERENCE/RPV_20091217_074702-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20091214_092152_000000162085_00093_40728_0939.N1
Test product: ASA_MS__0PNPDK20091216_081838_000000162085_00121_40756_0941.N1

H
H
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20091216_081838-20091214_092152.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20091216_081838-20091214_092152.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20091216_081838-20091214_092152.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20091216_081838-20091214_092152.png

Polarization: V
Reference product: ASA_MS__0PNPDK20091215_085015_000000162085_00107_40742_0940.N1
Test product: ASA_MS__0PNPDK20091217_074702_000000162085_00135_40770_0942.N1

V
V
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20091217_074702-20091215_085015.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20091217_074702-20091215_085015.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20091217_074702-20091215_085015.png
../../RESULTS/DAILY/_091217/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20091217_074702-20091215_085015.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_091217/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59

Analysing products WVS IS2 V/V

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

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-12-17_1.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-12-17_2.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-12-17_3.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-12-17_4.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-12-17_1.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-12-17_2.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-12-17_3.dat...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...



Getting calibration pulses data for GM1 SS3 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_091217/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-12-17_4.dat...
Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_091217//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_091217/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/DOPPLER/Doppler_data_WVS_IS2_VV_2009-12-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_091217/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/DOPPLER/Doppler_data_GM1_SS1_HH_2009-12-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_091217/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-12-17 00:00:00 to 2009-12-17 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/DOPPLER/Doppler_Jumps_data_WSM_2009-12-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_091217/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_091217/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 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 = -32.770092 Hz
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.634511 Hz
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_091217//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 = -19.912429 Hz
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -22.723678 Hz
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_091217//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_091217/CHIRP...

CHIRP Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-12-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_091217/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_091217/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-12-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_091217/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_091217/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed
#####

RAW DATA ANALYSIS

Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_091217/RAW_DATA

Creating directory ./RESULTS/DAILY/_091217/RAW_DATA...

Getting raw data for WVS from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/RAW_DATA/Raw_data_WVS_2009-12-17.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-12-17 00:00:00 to 2009-12-17 23:59:59...
Writing file ./RESULTS/DAILY/_091217/RAW_DATA/Raw_data_IMM_2009-12-17.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_091217/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2009-12-17 00:00:00 to 2009-12-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_091217/TELEMETRY

Creating directory ./RESULTS/DAILY/_091217/TELEMETRY...

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

Checking 24 products from PDE...
Checking 26 products from PDK...

Looking for gaps and missing lines in GM1 products...

Checking 17 products from PDE...
Checking 51 products from PDK...

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

Checking 2 products from PDE...
No products from PDK...

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

Checking 23 products from PDE...
Checking 4 products from PDK...

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

Checking 47 products from PDE...
Found product..ASA_WSM_1PNPDE20091217_032315_000001652085_00133_40768_9638.N1 / 0 gaps / 34 missing lines
Checking 19 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_091217/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_091217/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS

Analysis will be performed on 2009-12-17

Scanning directory /nfs-store/ASAR_Data//ASA_GM_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_GM_BP/JPG/20091217/

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/20091217/

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/20091217/

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/20091217/

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

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

- Building file ./RESULTS/DAILY/_091217/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_1PNPDE20091217_015148_000000822085_00132_40767_9611.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20091217_165112_000000432085_00141_40776_9723.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_1PNPDE20091217_002344_000004472085_00131_40766_9589.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_005057_000003922085_00131_40766_9591.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_010439_000006282085_00131_40766_9594.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_013208_000004222085_00131_40766_9605.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_015329_000014022085_00132_40767_9607.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_024516_000000722085_00132_40767_9629.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_025156_000002292085_00132_40767_9627.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_030546_000001692085_00132_40767_9626.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_030839_000007432085_00132_40767_9625.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_032604_000007732085_00133_40768_9623.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_033948_000009362085_00133_40768_9621.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_042551_000005372085_00133_40768_9641.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_044012_000000962085_00133_40768_9644.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_050354_000003622085_00134_40769_9647.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_051208_000001322085_00134_40769_9646.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_051920_000004532085_00134_40769_9645.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20091217_053102_000004282085_00134_40769_9650.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_060627_000006282085_00134_40769_0696.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_062027_000001202085_00134_40769_0698.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_065706_000002952085_00135_40770_0699.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_070540_000002112085_00135_40770_0701.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_070803_000005922085_00135_40770_0715.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_071841_000002952085_00135_40770_0716.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_073348_000002352085_00135_40770_0717.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_074819_000005372085_00135_40770_0719.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_080142_000000782085_00135_40770_0720.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_083940_000006712085_00136_40771_0721.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_084944_000001082085_00136_40771_0731.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_085544_000001382085_00136_40771_0732.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_090205_000001572085_00136_40771_0733.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_092741_000005792085_00136_40771_0734.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_094229_000000662085_00136_40771_0736.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_101806_000003502085_00137_40772_0737.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_104702_000001082085_00137_40772_0749.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_110816_000005672085_00137_40772_0750.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_112200_000001322085_00137_40772_0752.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_115731_000002772085_00138_40773_0753.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_120359_000002472085_00138_40773_0754.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_124014_000000662085_00138_40773_0763.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_124851_000006892085_00138_40773_0766.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_131042_000004712085_00138_40773_0767.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_133355_000002892085_00139_40774_0768.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_134251_000002652085_00139_40774_0769.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_134604_000005012085_00139_40774_0798.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_140928_000002172085_00139_40774_0799.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_141529_000002172085_00139_40774_0801.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_142927_000007672085_00139_40774_0804.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_145234_000002232085_00139_40774_0805.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_150503_000003922085_00140_40775_0806.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_151412_000003802085_00140_40775_0807.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_152509_000001872085_00140_40775_0820.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_153301_000003922085_00140_40775_0821.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_154212_000001572085_00140_40775_0822.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_154700_000001442085_00140_40775_0825.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_161003_000007732085_00140_40775_0827.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_164603_000003082085_00141_40776_0828.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_165324_000006222085_00141_40776_0829.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20091217_170239_000000662085_00141_40776_0840.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_GM1_1PNPDK20091217_171629_000004652085_00141_40776_0841.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_GM1_1PNPDK20091217_175039_000007982085_00141_40776_0844.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_GM1_1PNPDK20091217_182810_000001572085_00142_40777_0845.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		

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

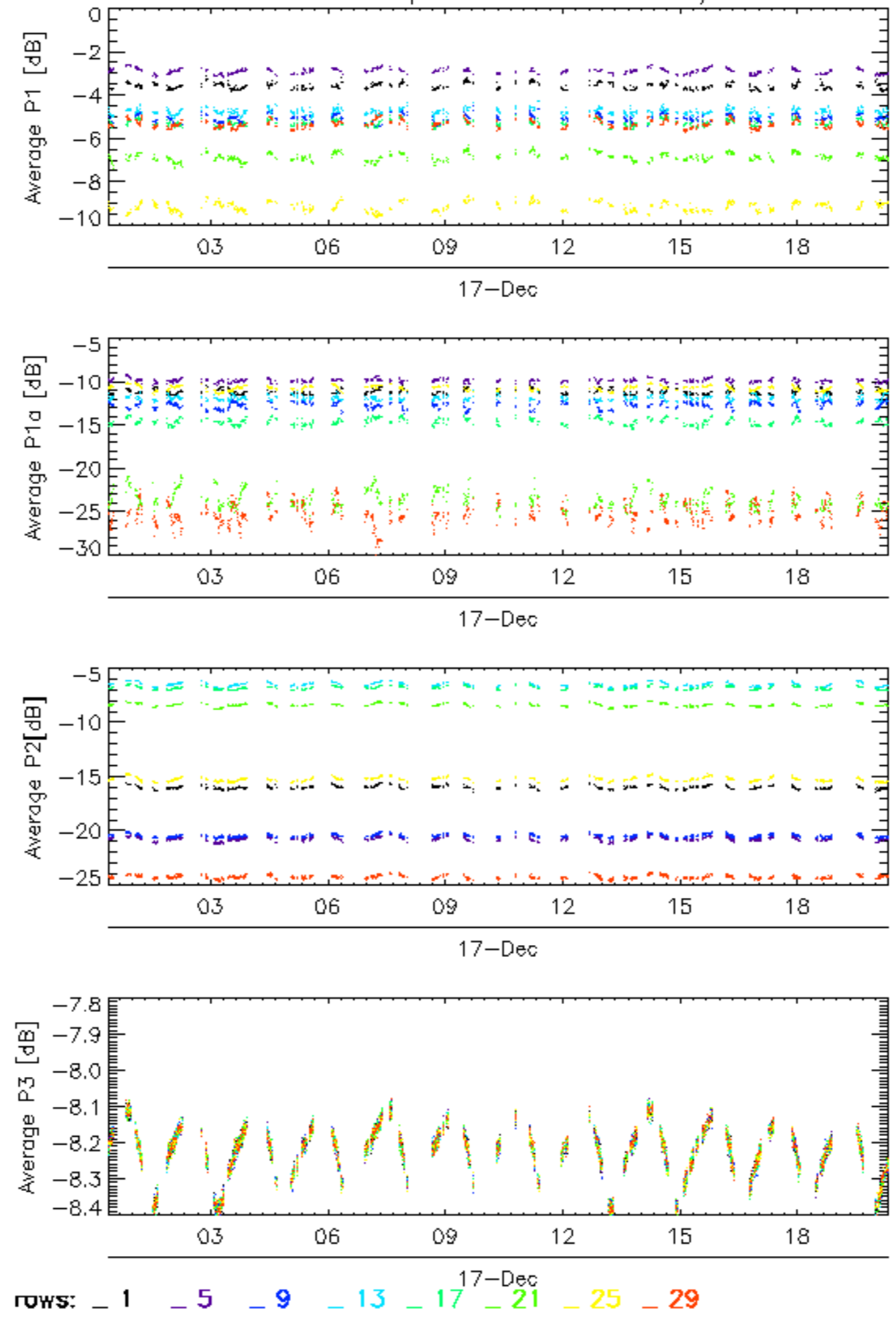
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20091217_001434_000002852085_00131_40766_9600.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_013908_000000832085_00132_40767_9603.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_021652_000000832085_00132_40767_9613.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_021837_000000532085_00132_40767_9615.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_035522_000004152085_00133_40768_9620.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_050954_000001232085_00134_40769_9660.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_051424_000000522085_00134_40769_9659.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_053809_000002622085_00134_40769_9643.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_071754_000000372085_00135_40770_9662.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_073153_000001012085_00135_40770_9666.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_104132_000002172085_00137_40772_9692.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_155243_000000462085_00140_40775_9722.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_164428_000000852085_00141_40776_9726.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_165225_000000472085_00141_40776_9724.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091217_171212_000000402085_00141_40776_9728.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_172411_000001422085_00141_40776_9730.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_183046_000001882085_00142_40777_9732.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_183407_000000622085_00142_40777_9733.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_185742_000001232085_00142_40777_9736.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_200037_000000882085_00142_40777_9739.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_222012_000000572085_00144_40779_9769.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_232941_000000532085_00145_40780_9770.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDE20091217_234440_000002642085_00145_40780_9786.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_IMM_1PNPDK20091217_103101_000002152085_00137_40772_0746.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20091217_132937_000000372085_00139_40774_0777.N1	OK	OK	OK	OK
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ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			

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					ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
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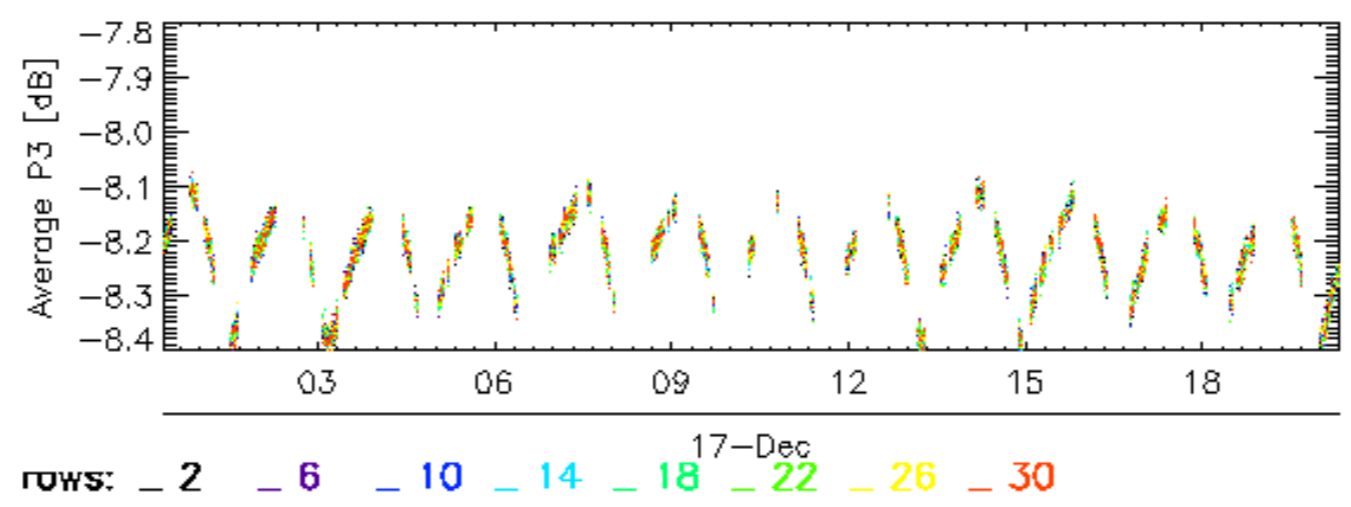
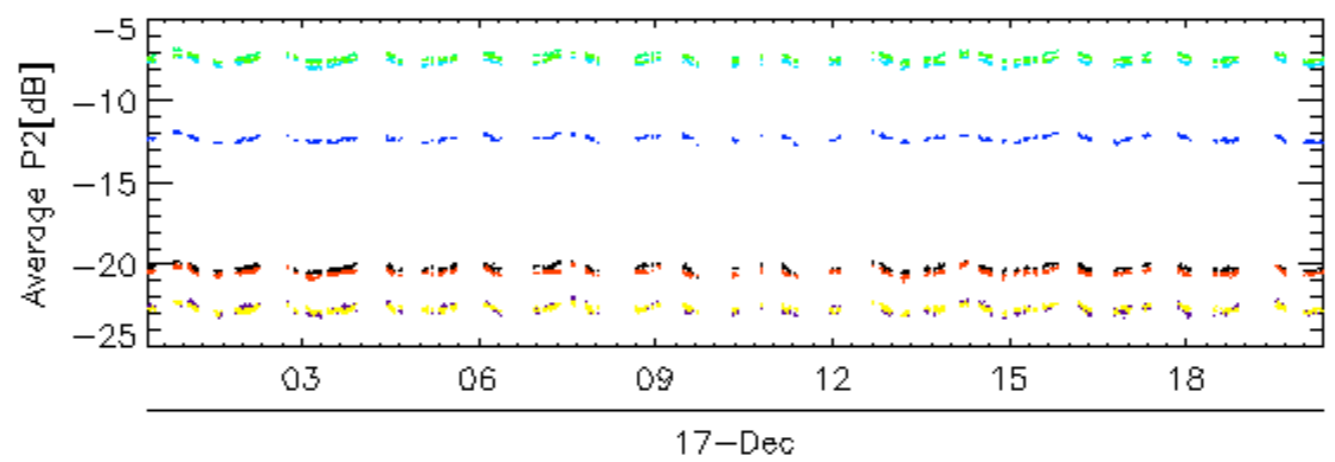
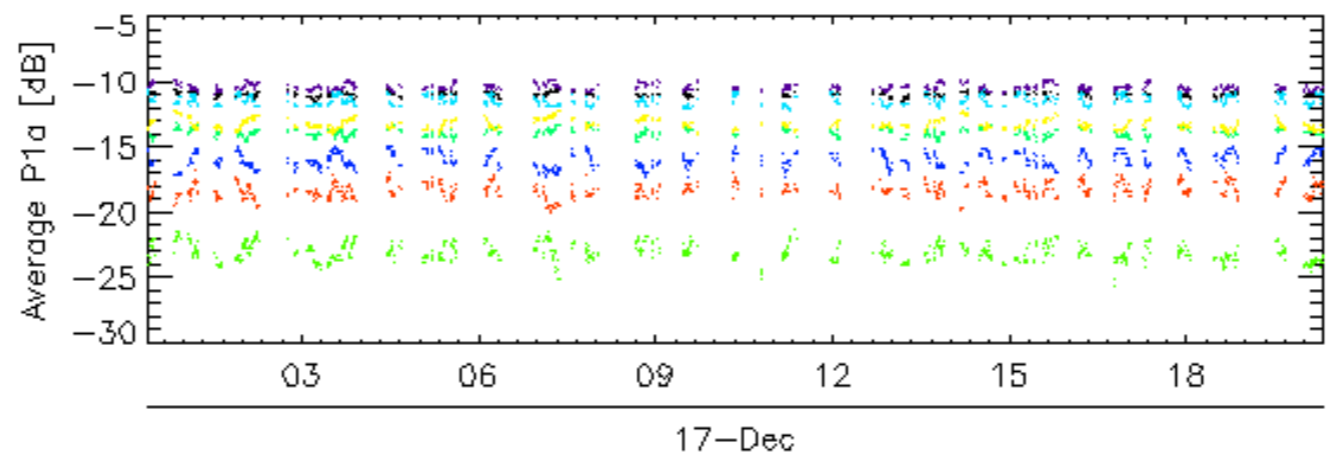
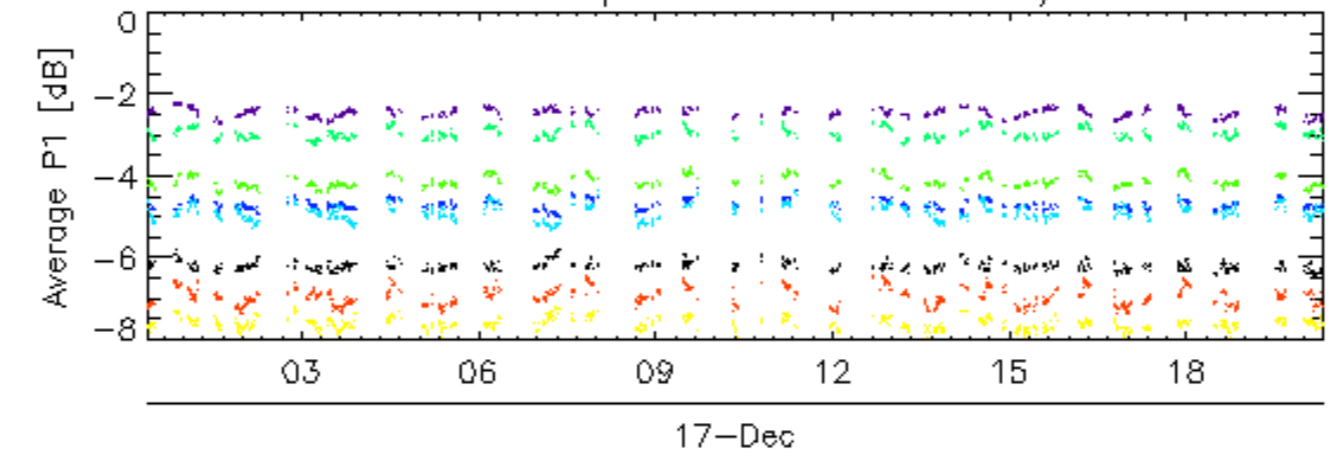
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20091217_012054_000003142085_00131_40766_9593.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_012524_000002102085_00131_40766_9604.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_014037_000004792085_00132_40767_9606.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_022316_000011542085_00132_40767_9608.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_024200_000001502085_00132_40767_9628.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_030111_000002402085_00132_40767_9624.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_032108_000000892085_00133_40768_9622.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_040303_000009592085_00133_40768_9630.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_041847_000001352085_00133_40768_9640.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_042405_000000602085_00133_40768_9642.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_044156_000012742085_00133_40768_9648.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_054237_000010792085_00134_40769_9649.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20091217_203822_000019642085_00143_40778_9741.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
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ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000	ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959			
ASA_WVS_1PNPDE20091217_213414_000000452085_00143_40778_9753.N1	ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000	ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959		
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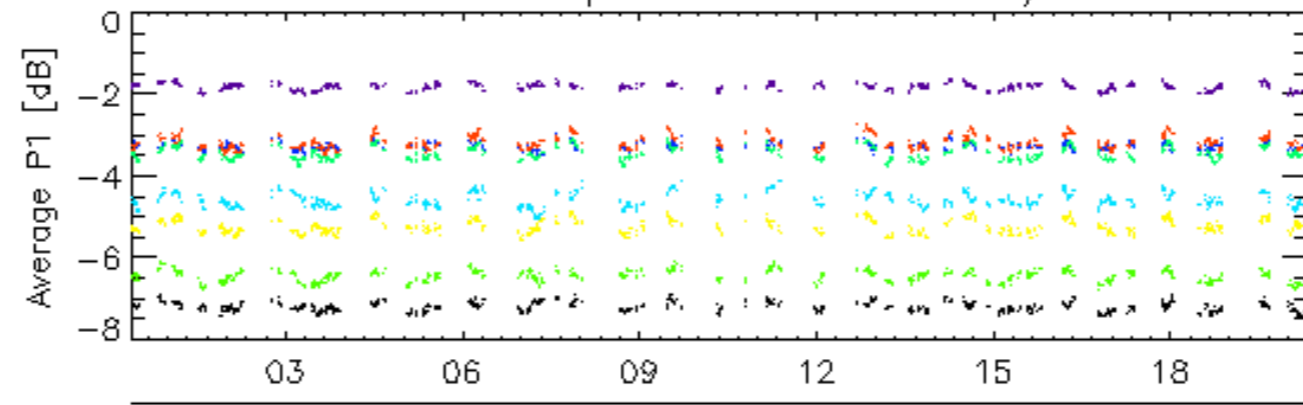
Calibration pulses for GM1 SS3 H/H



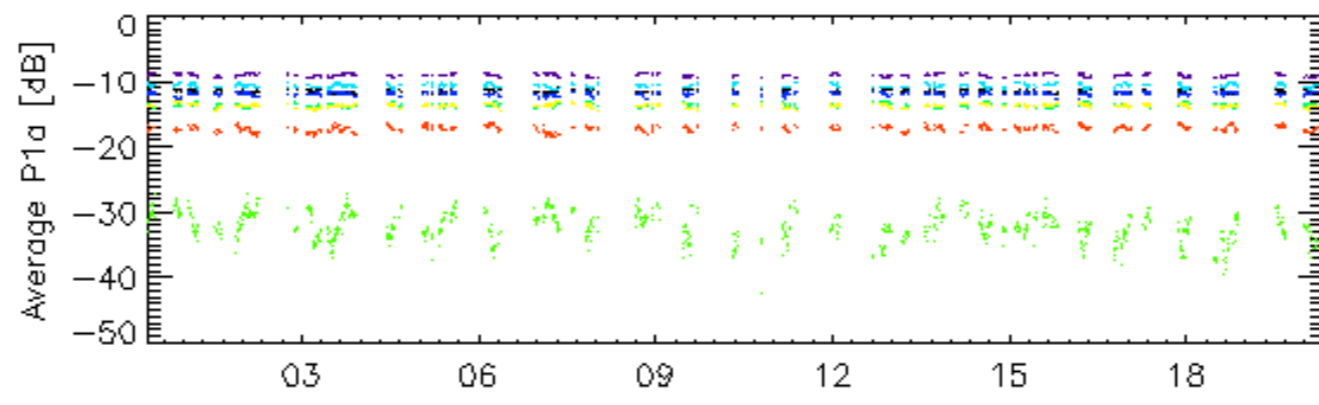
Calibration pulses for GM1 SS3 H/H



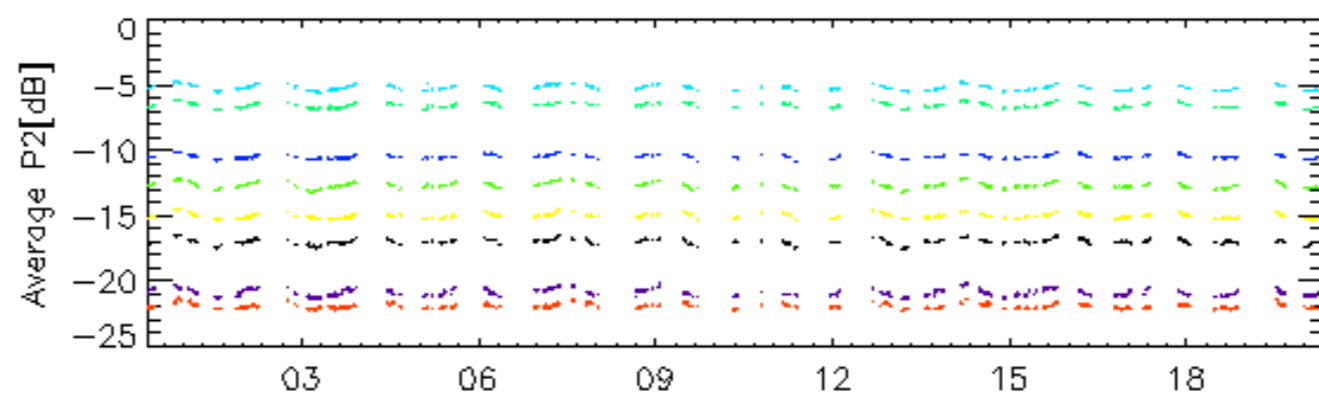
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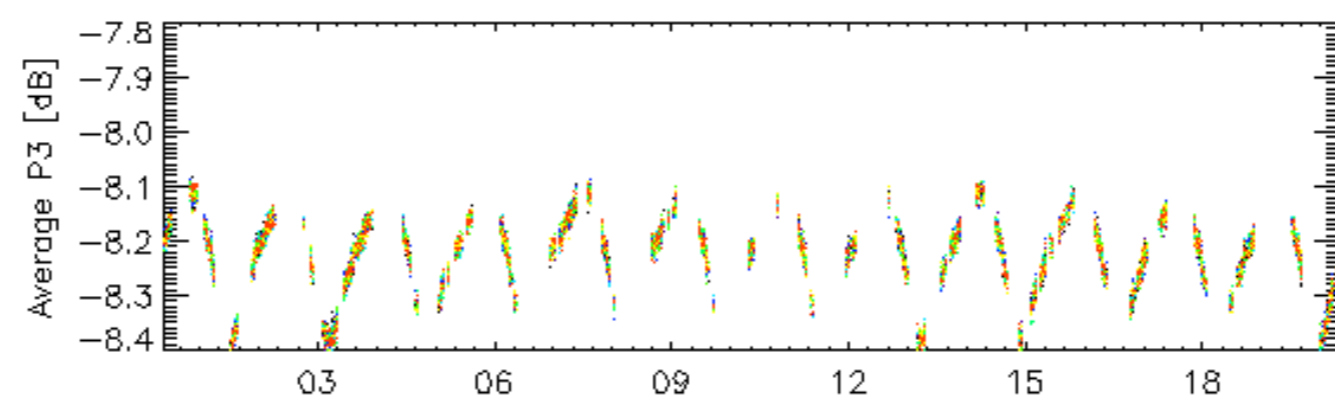
17-Dec



17-Dec



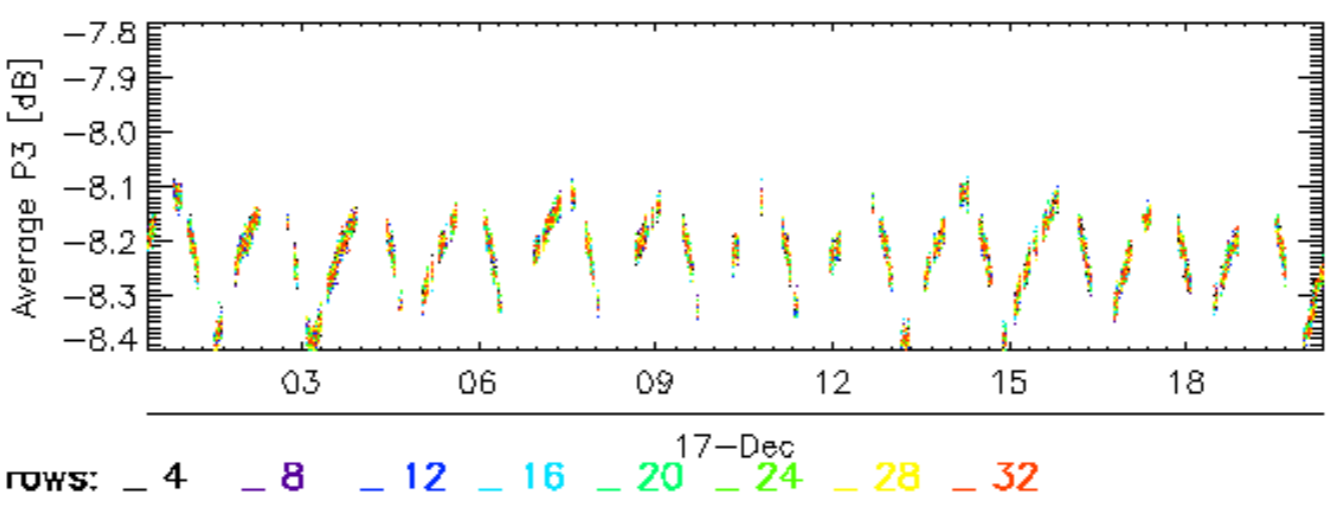
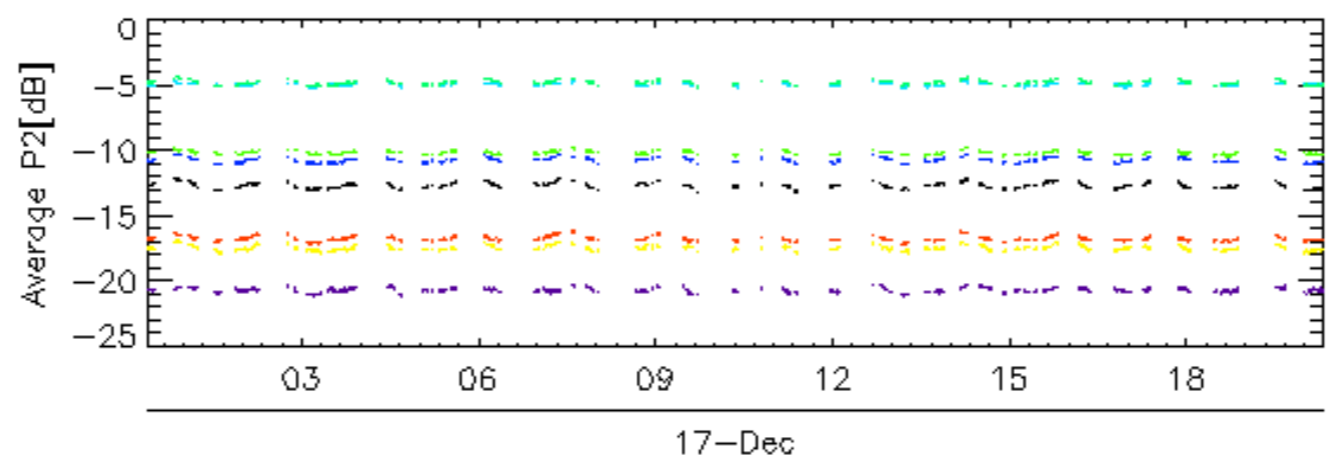
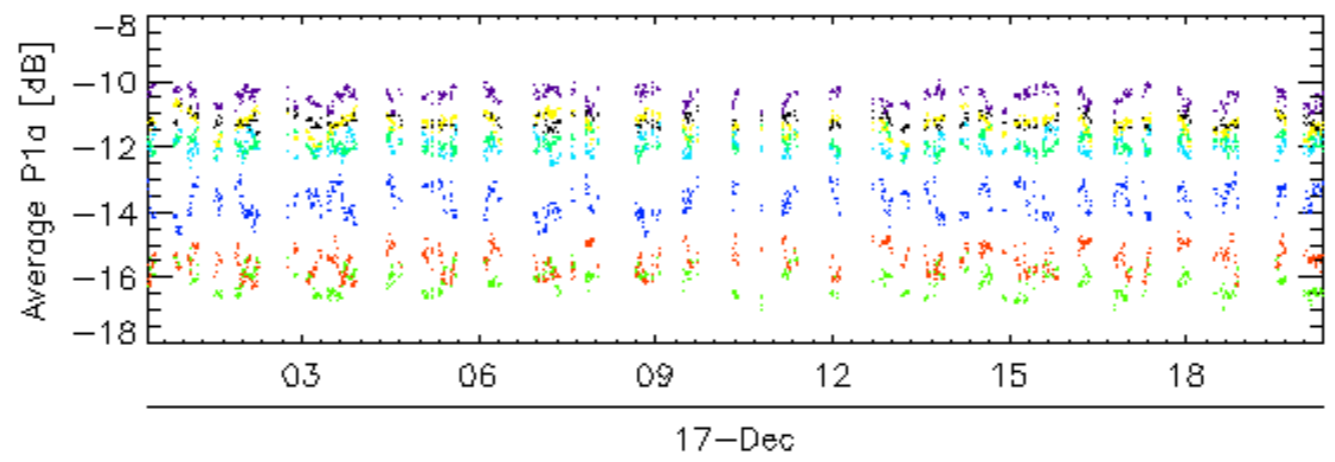
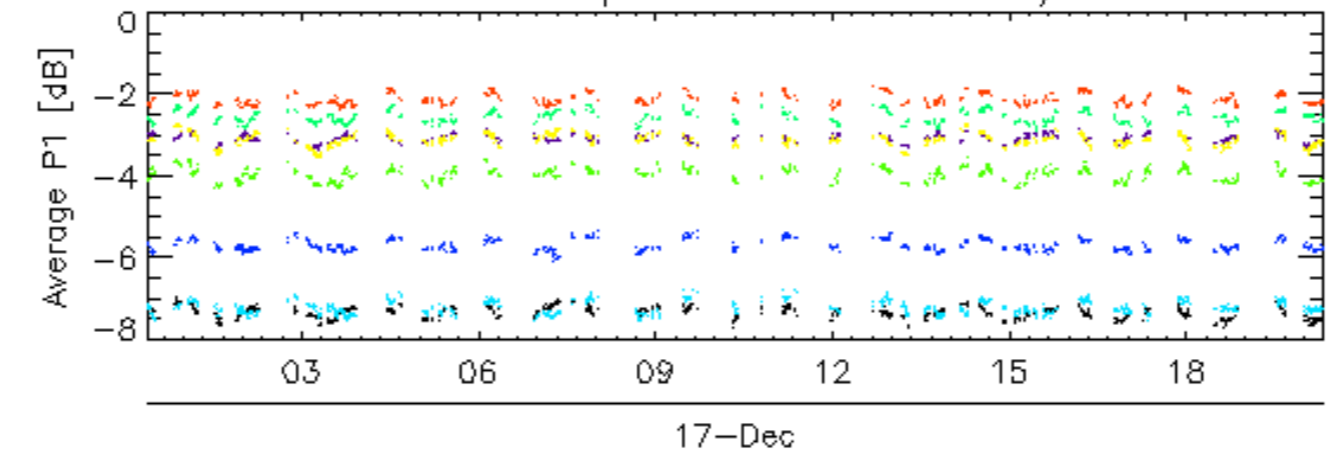
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17-Dec

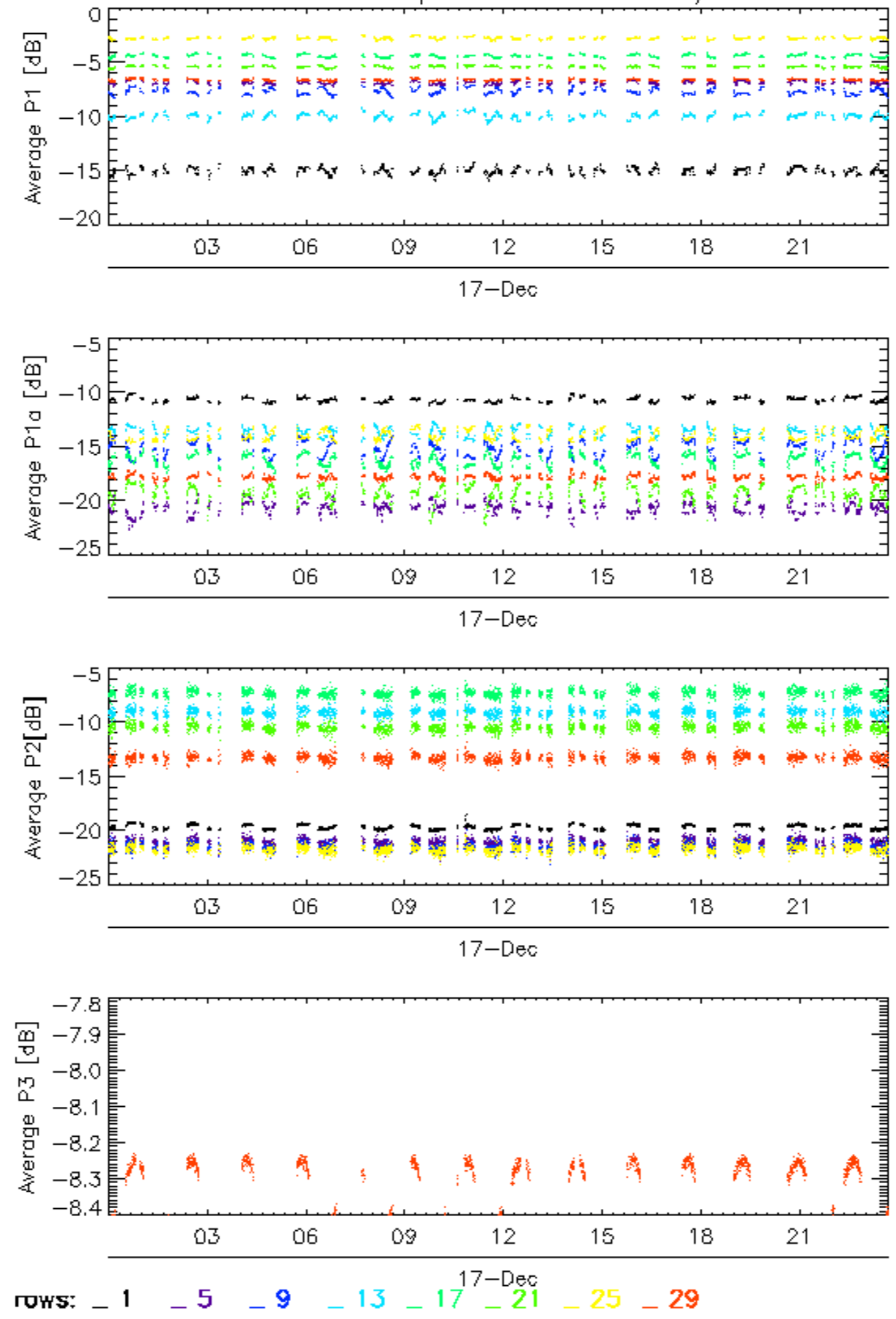
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Calibration pulses for GM1 SS3 H/H

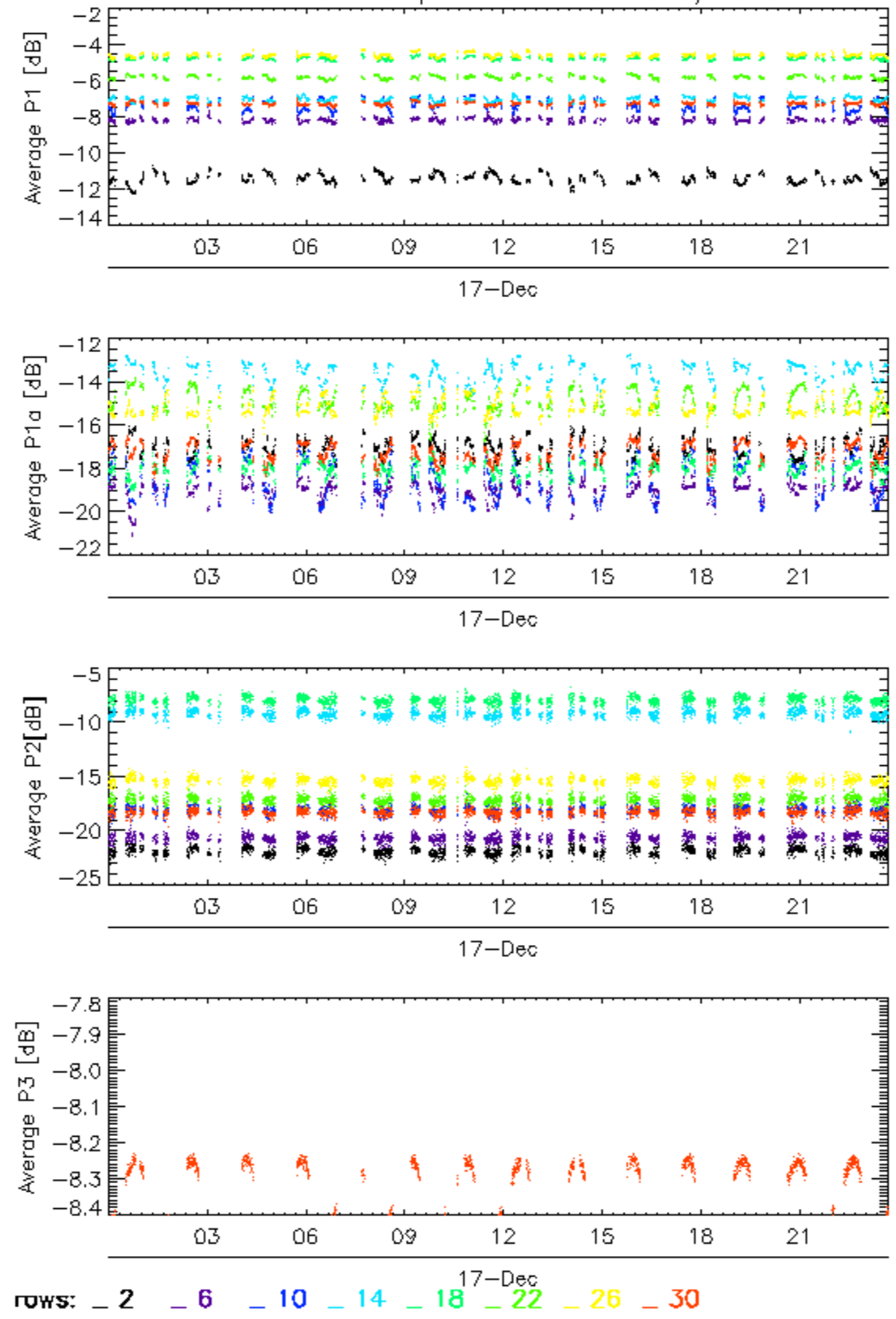


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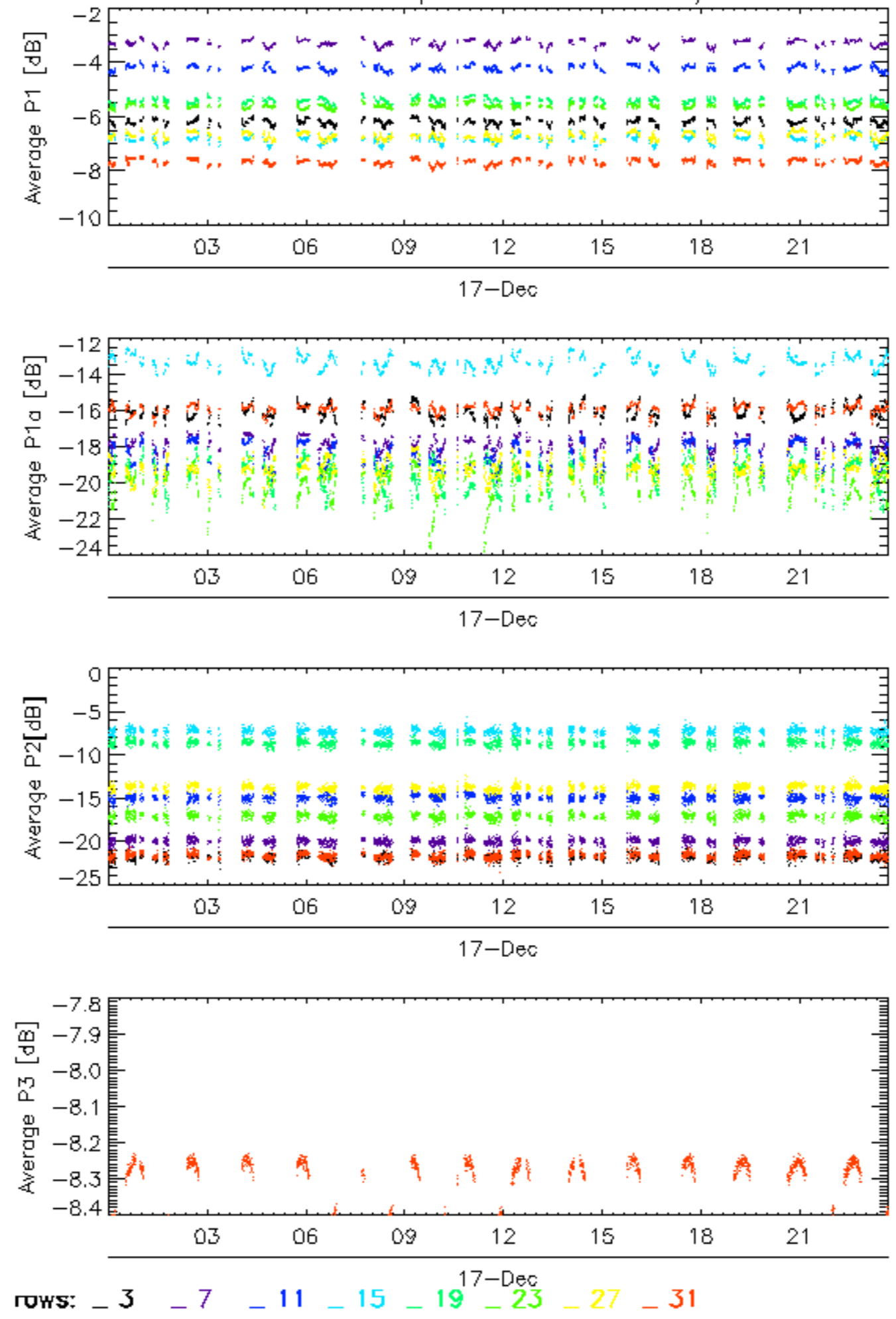
Calibration pulses for WVS IS2 V/V



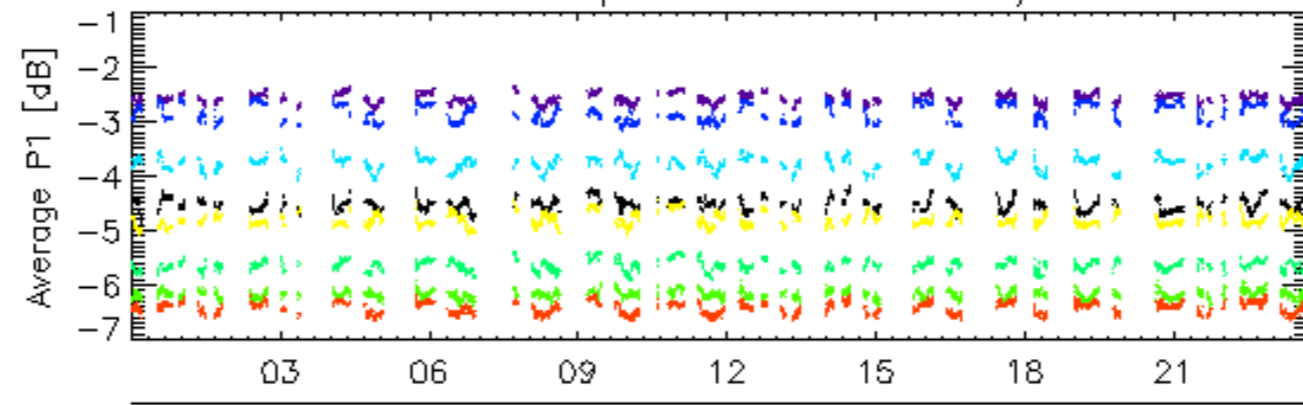
Calibration pulses for WVS IS2 V/V



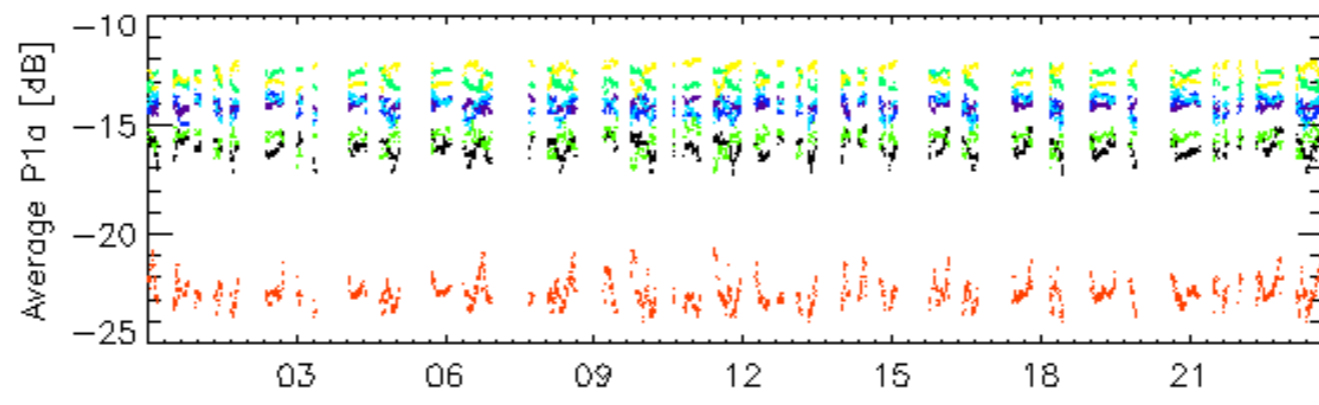
Calibration pulses for WVS IS2 V/V



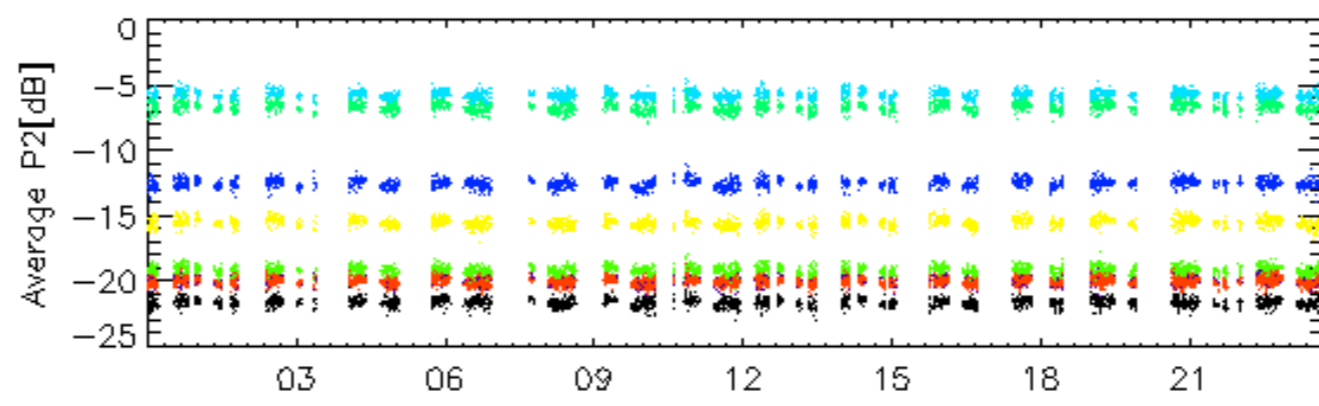
Calibration pulses for WVS IS2 V/V



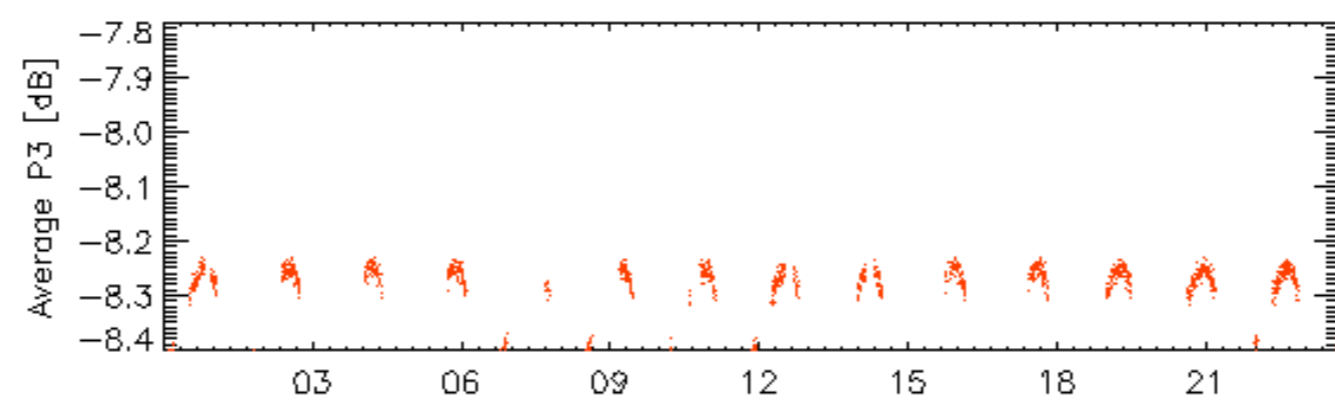
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17-Dec

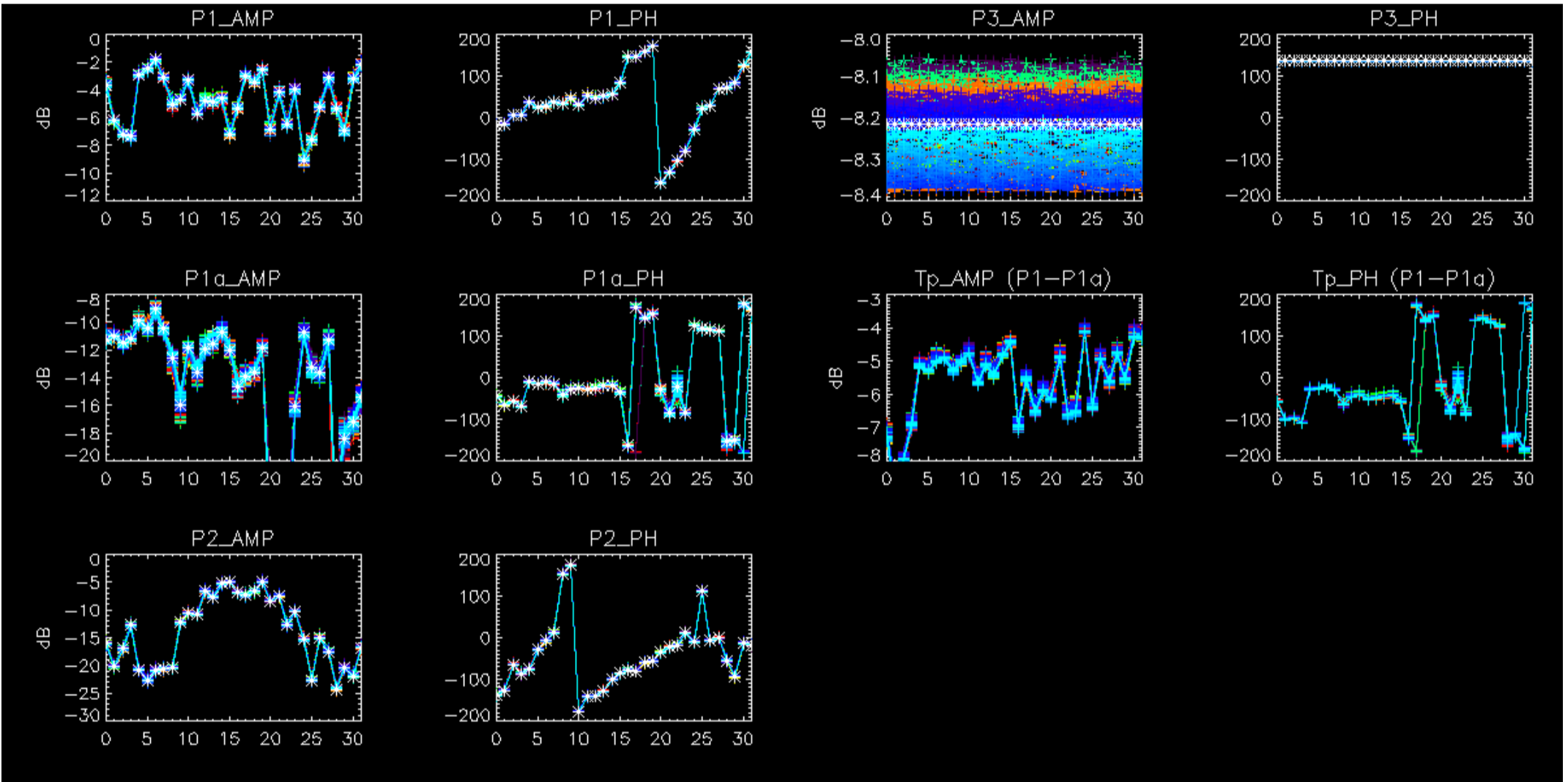


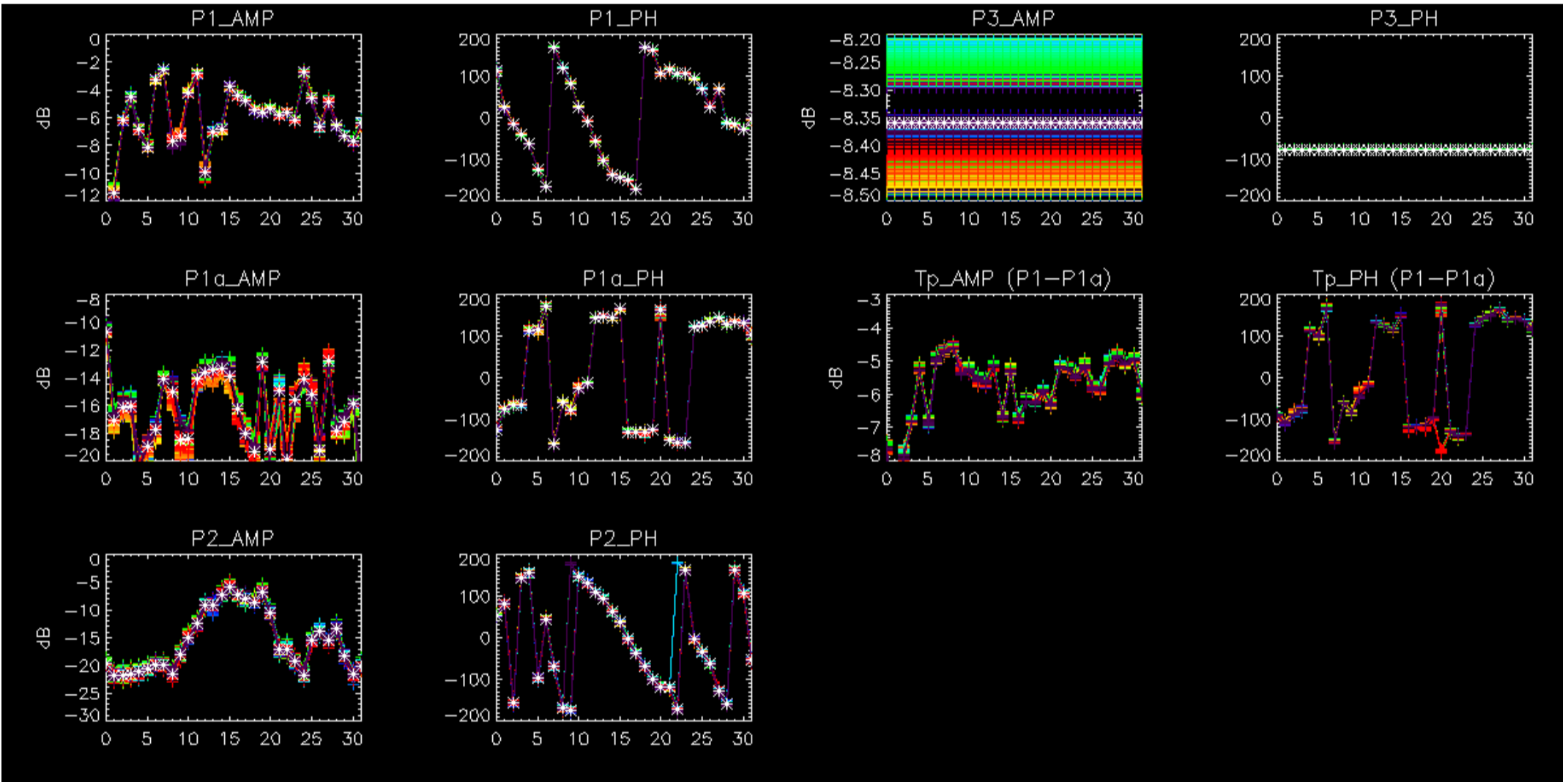
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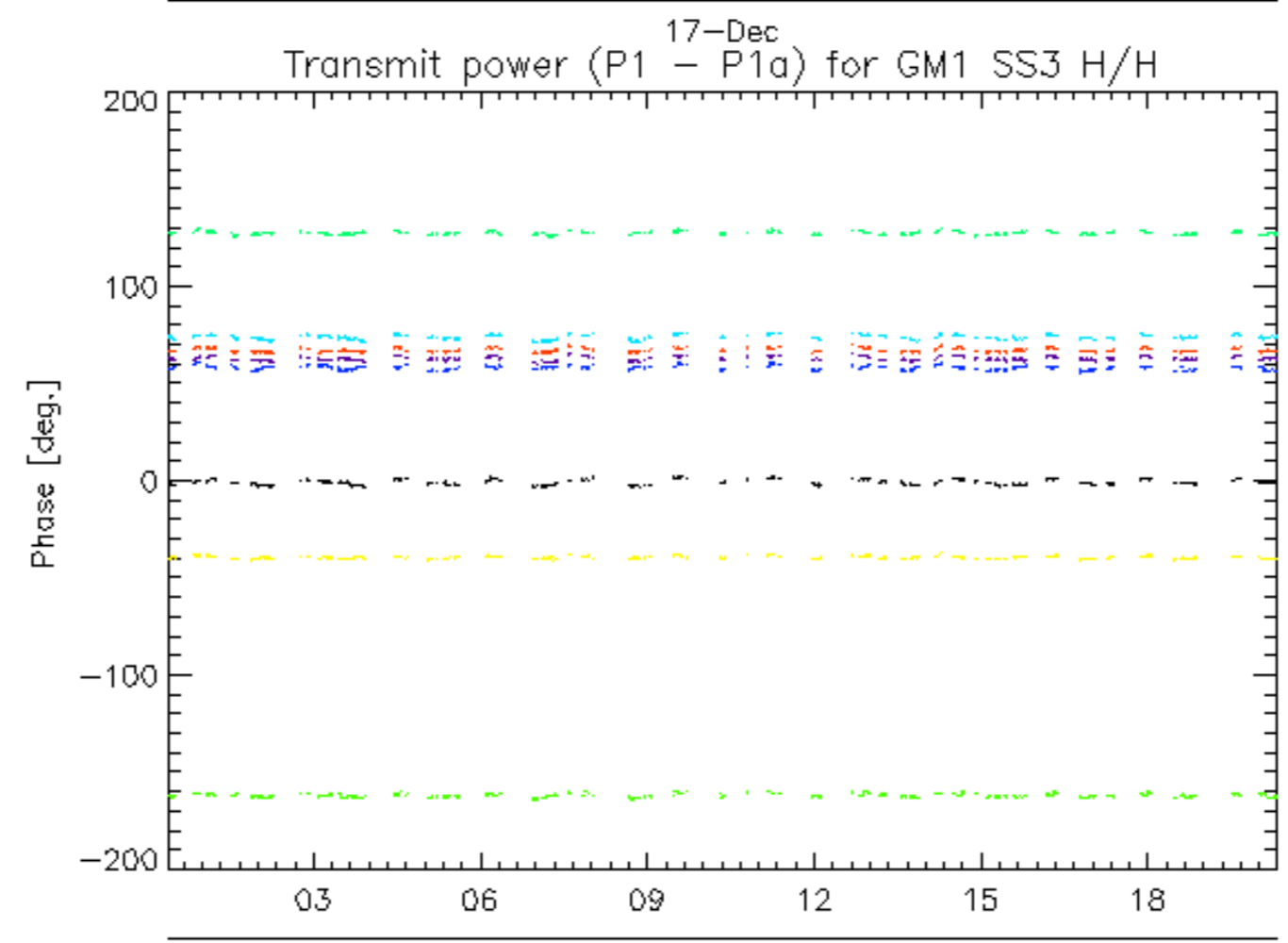
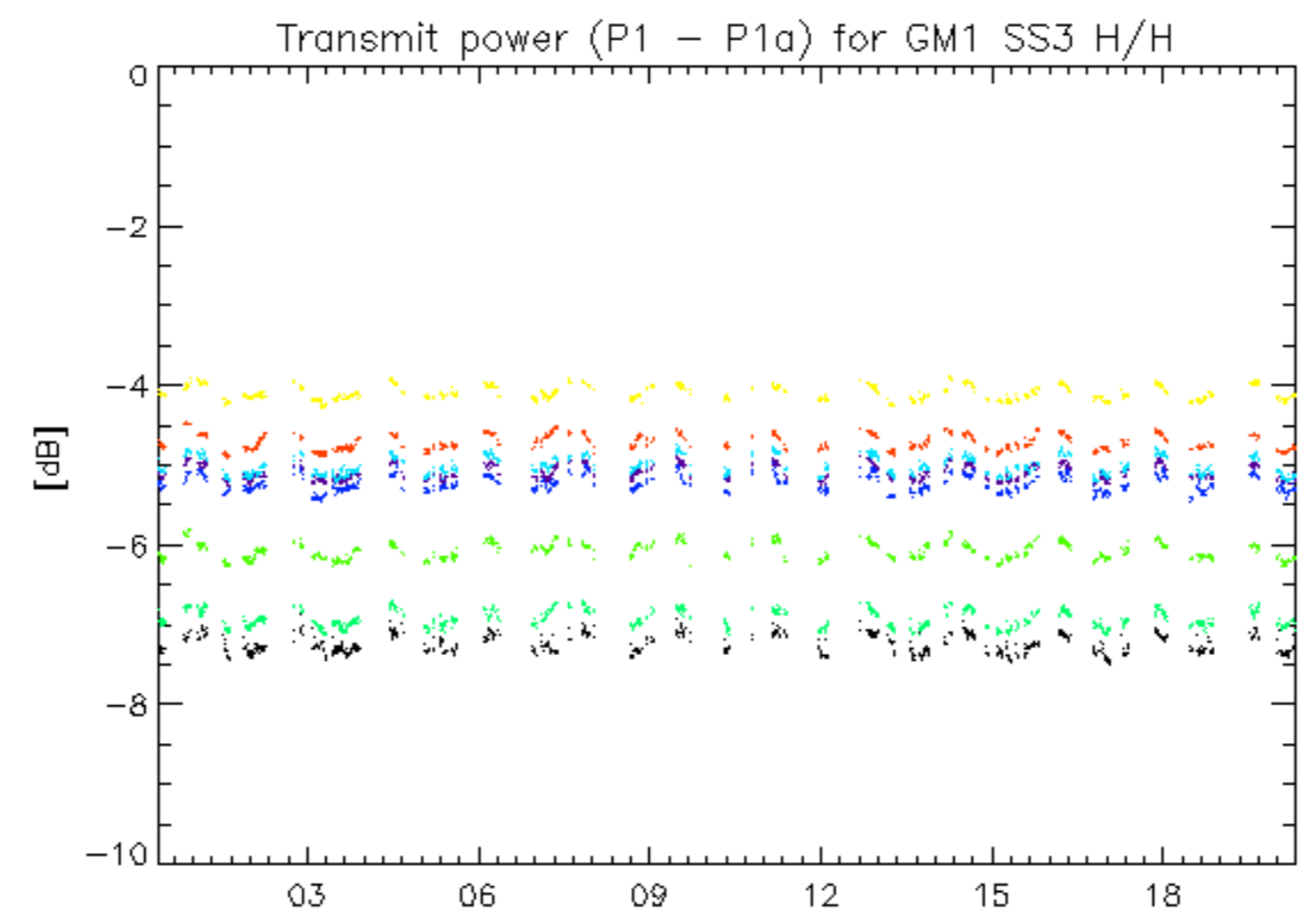


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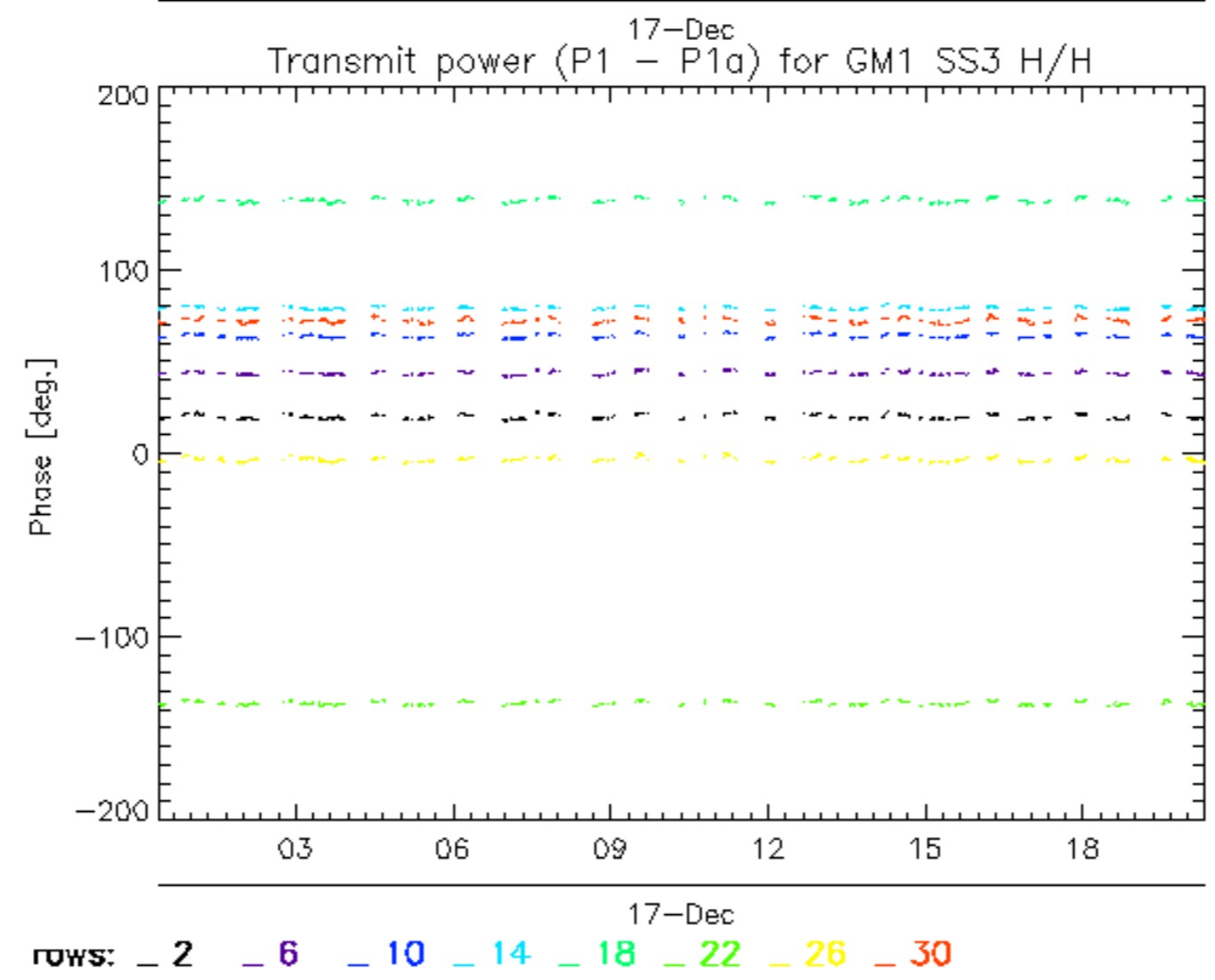
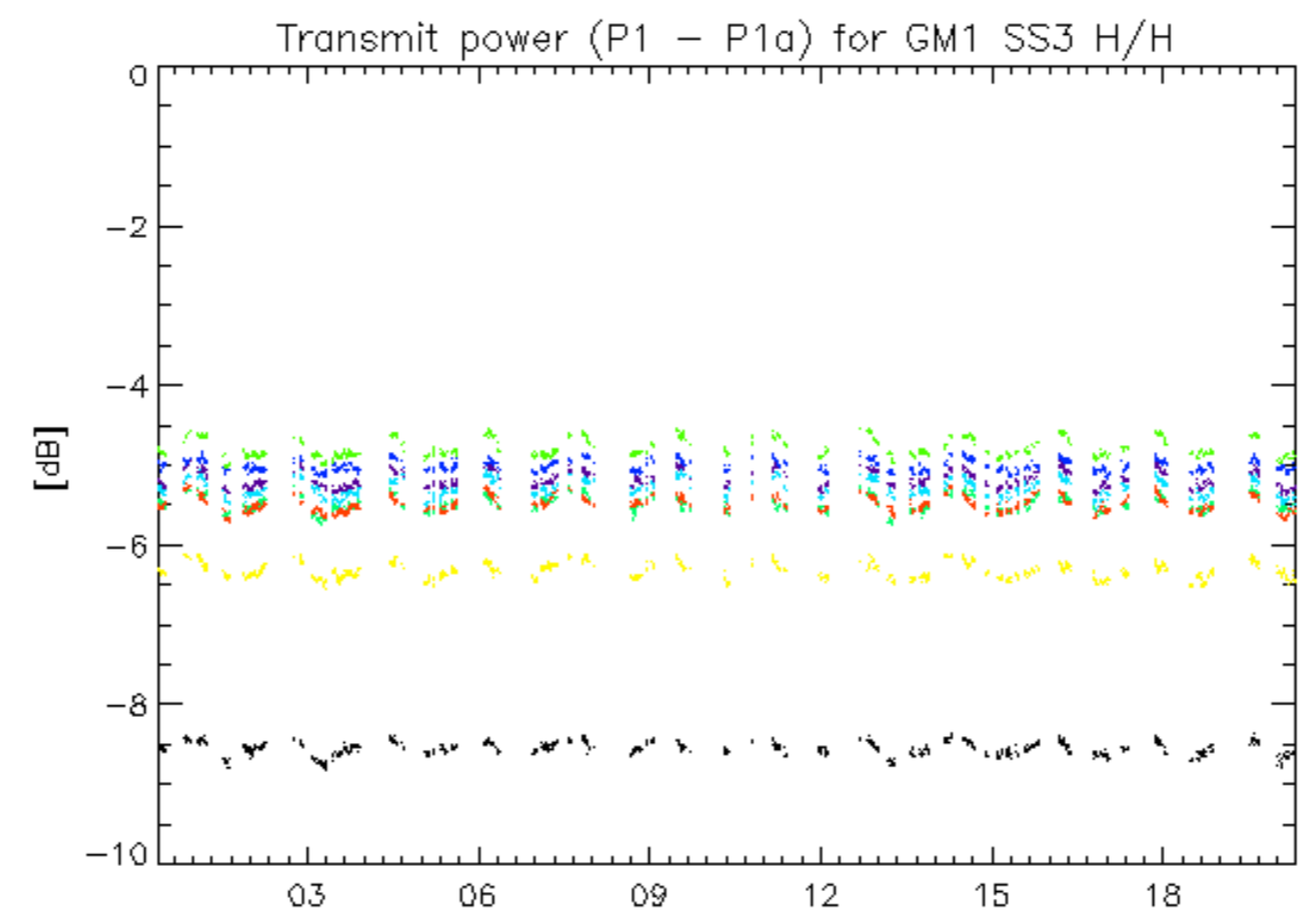
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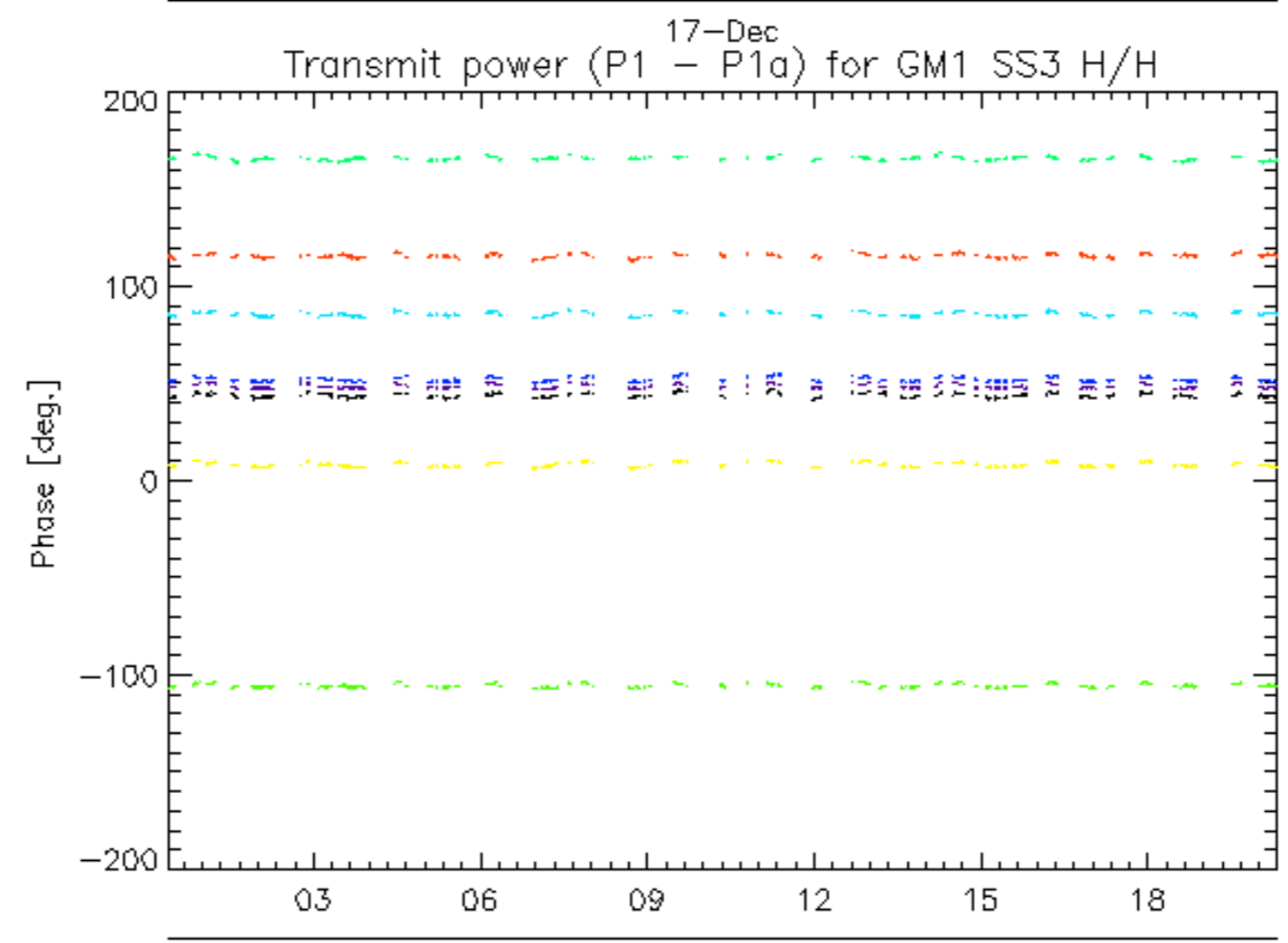
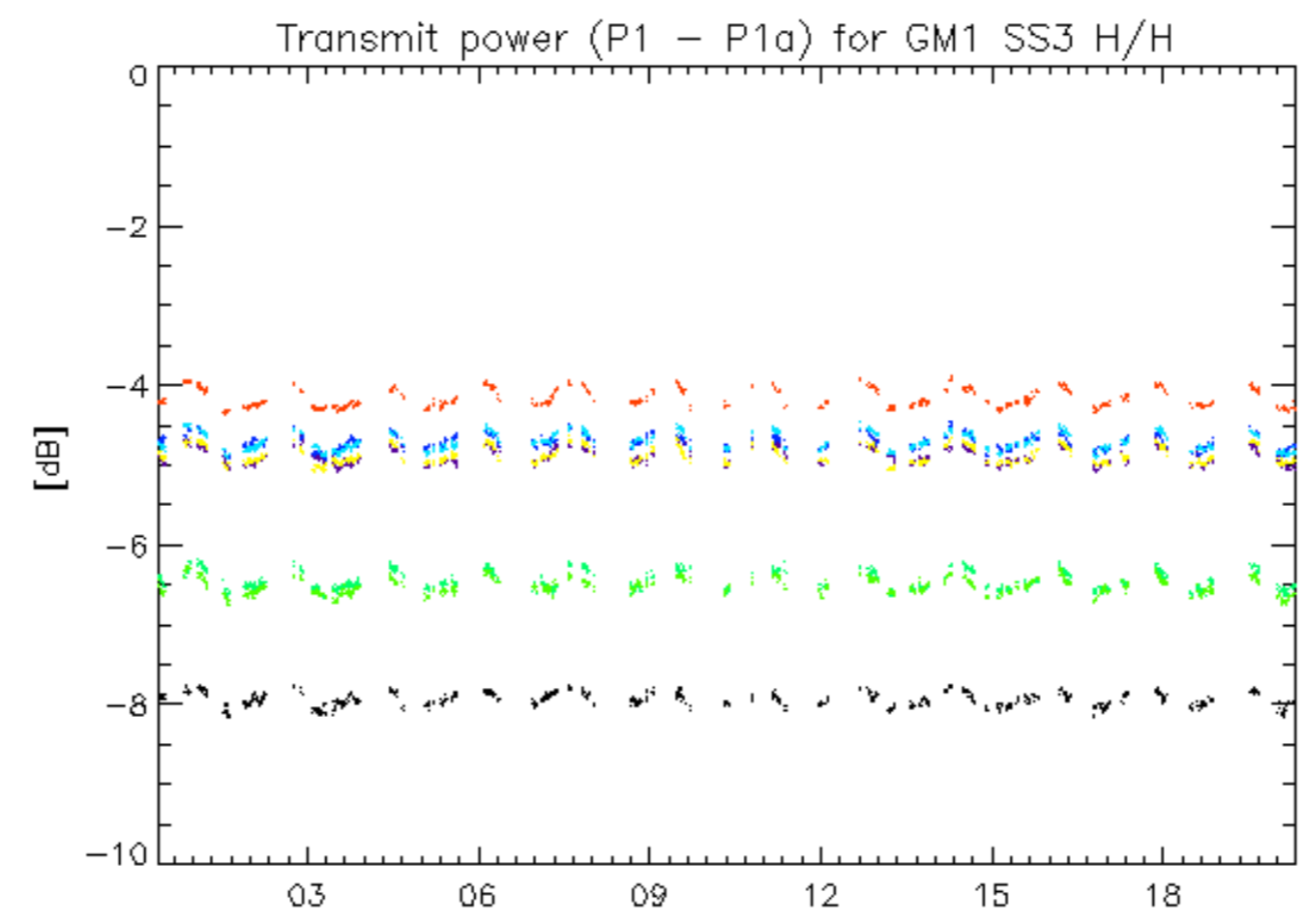




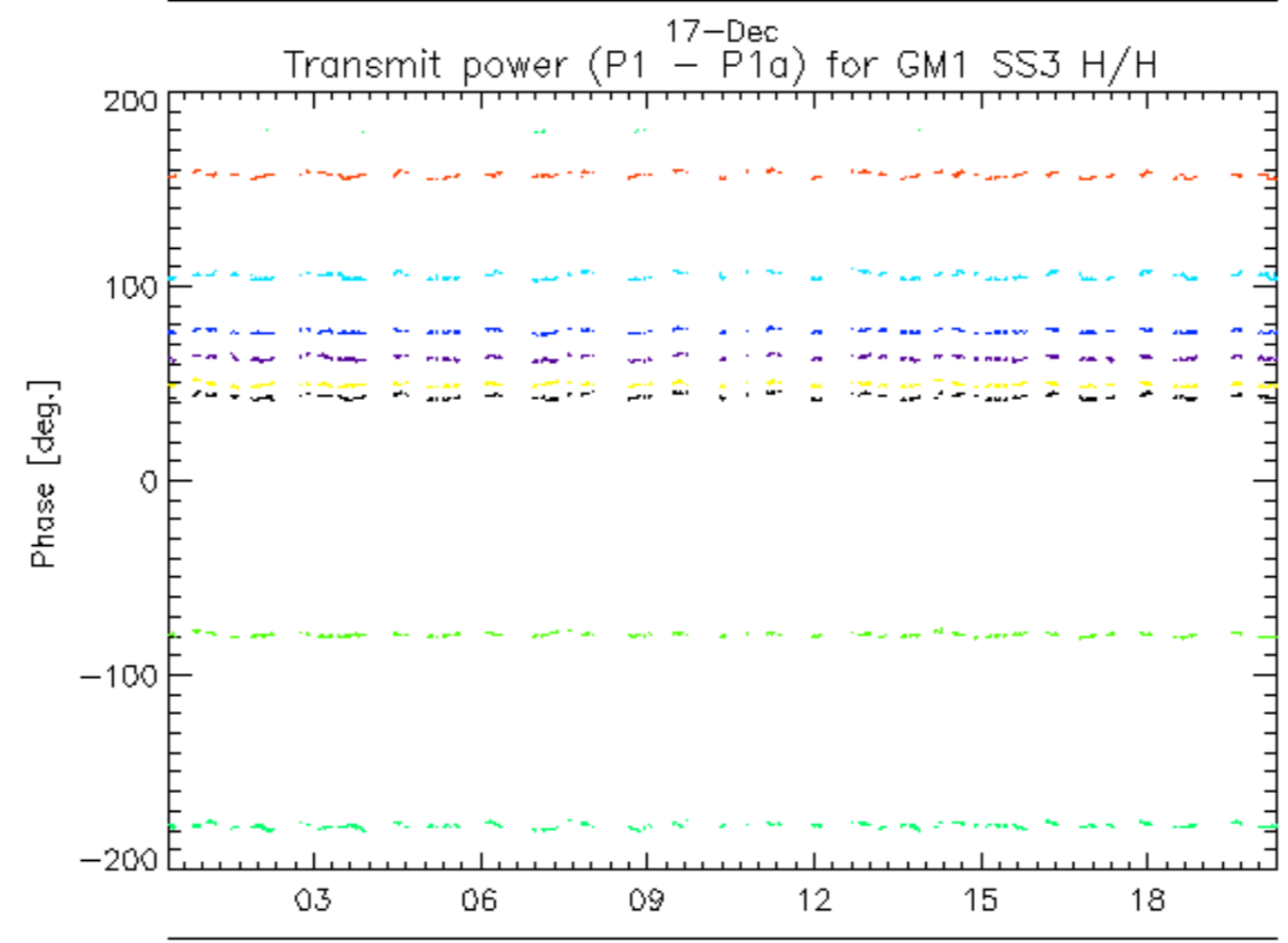
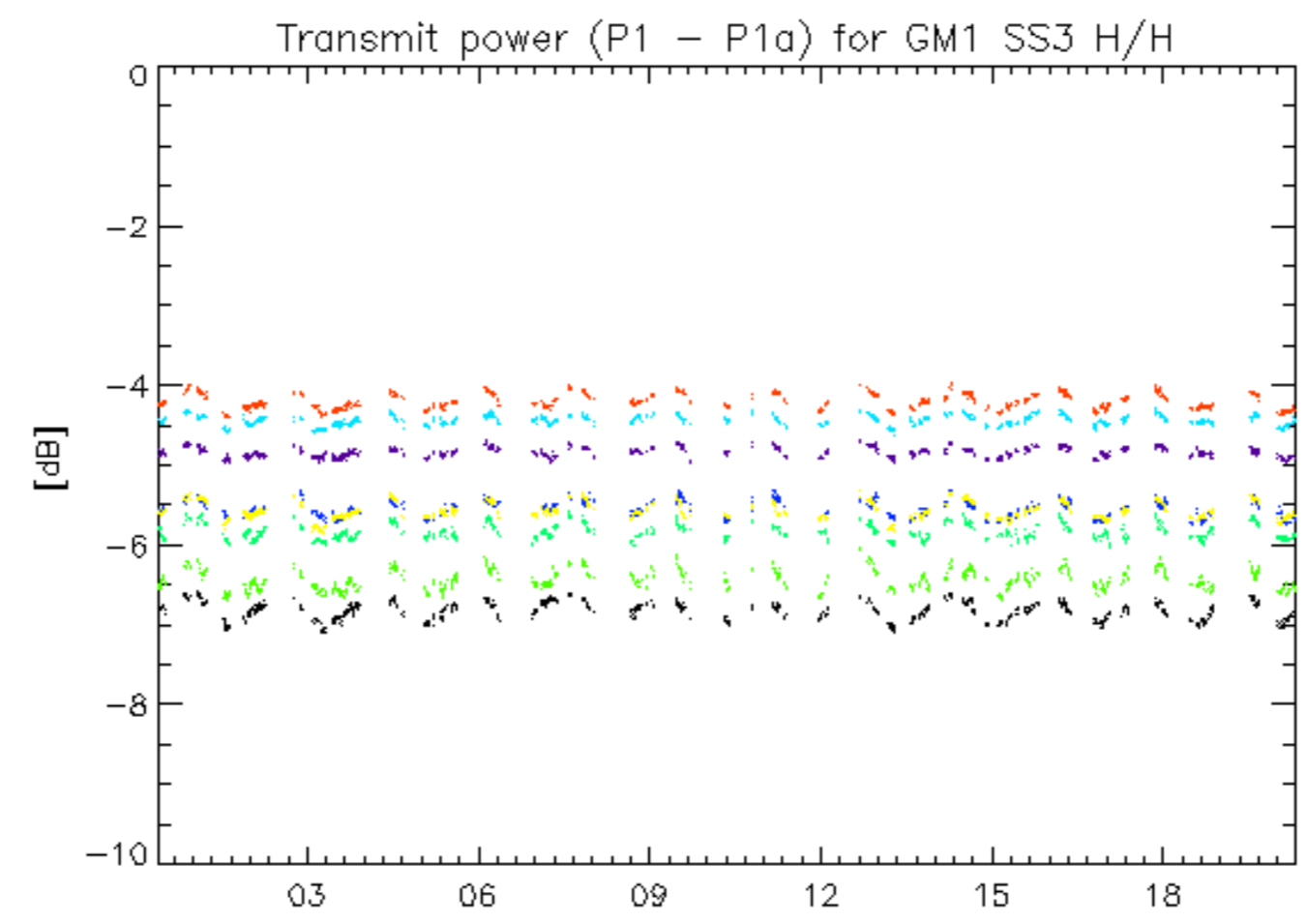


17-Dec
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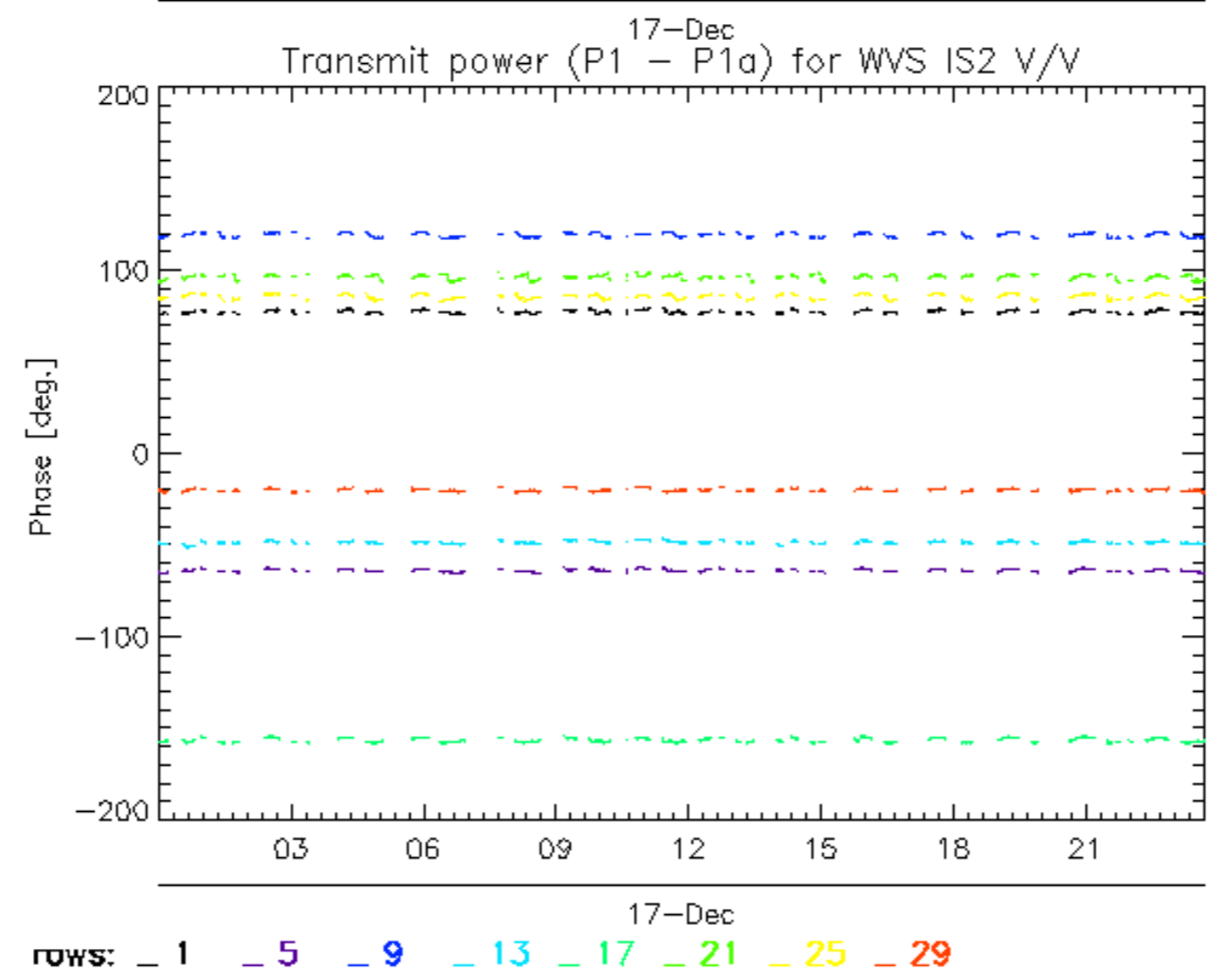
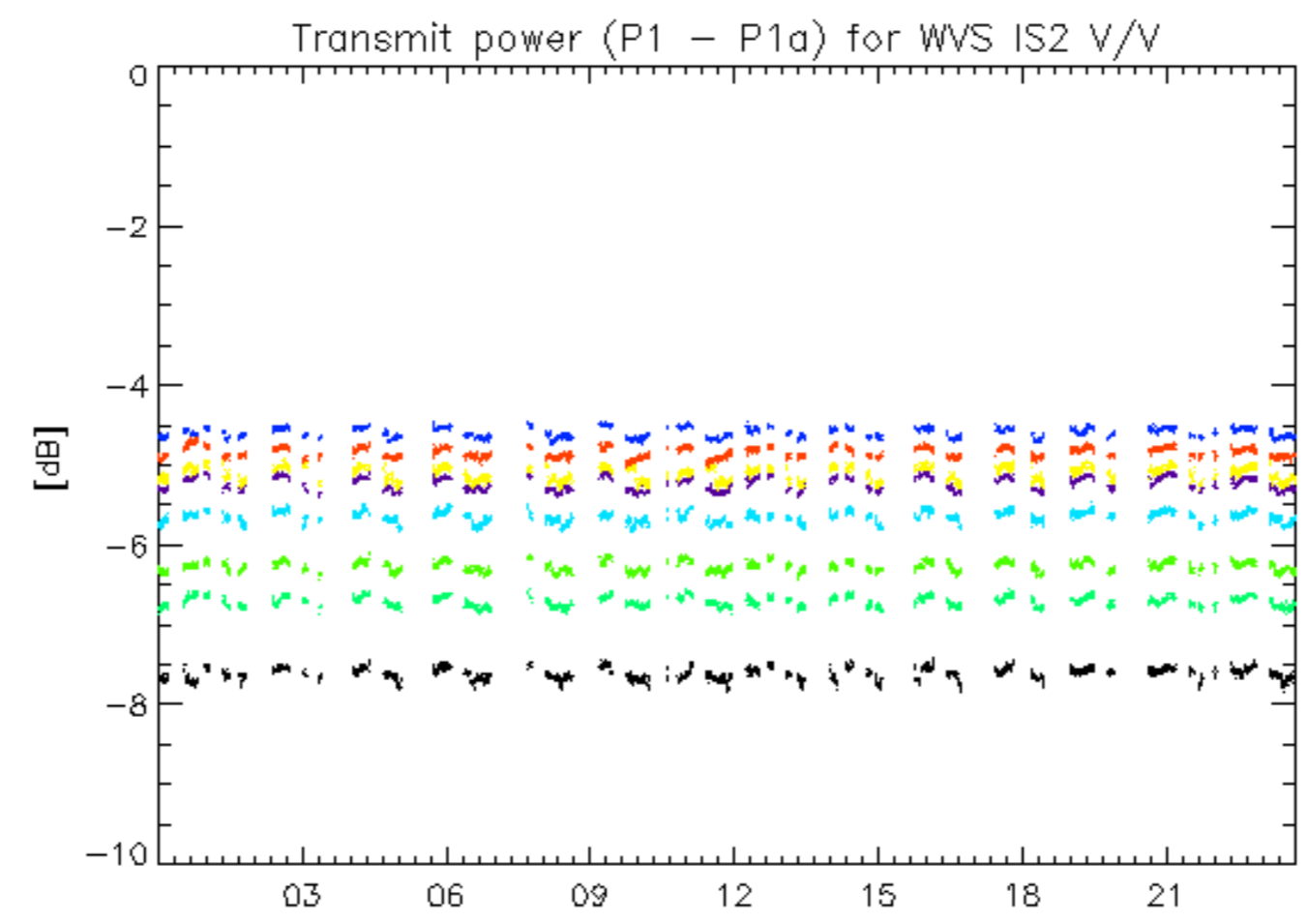


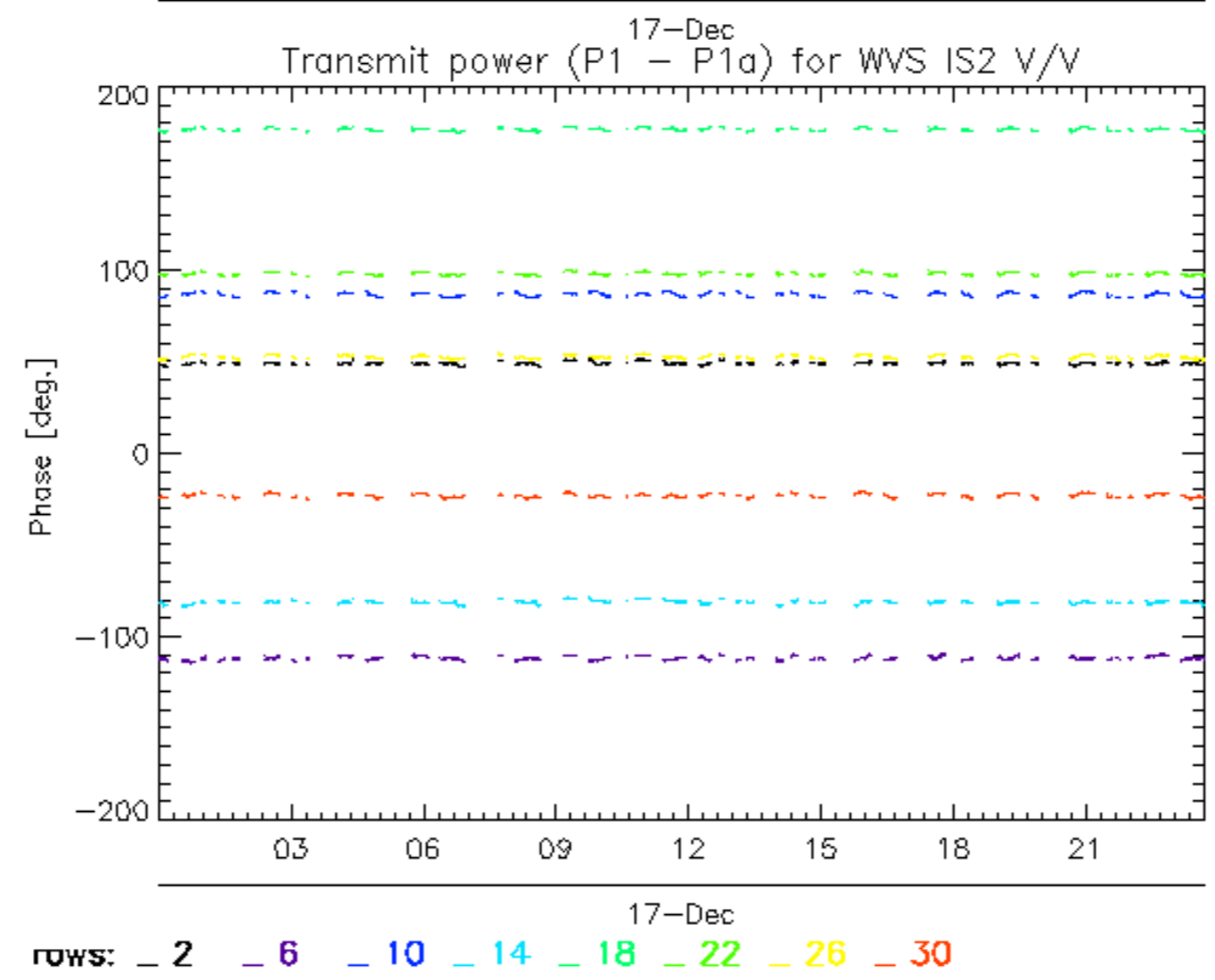
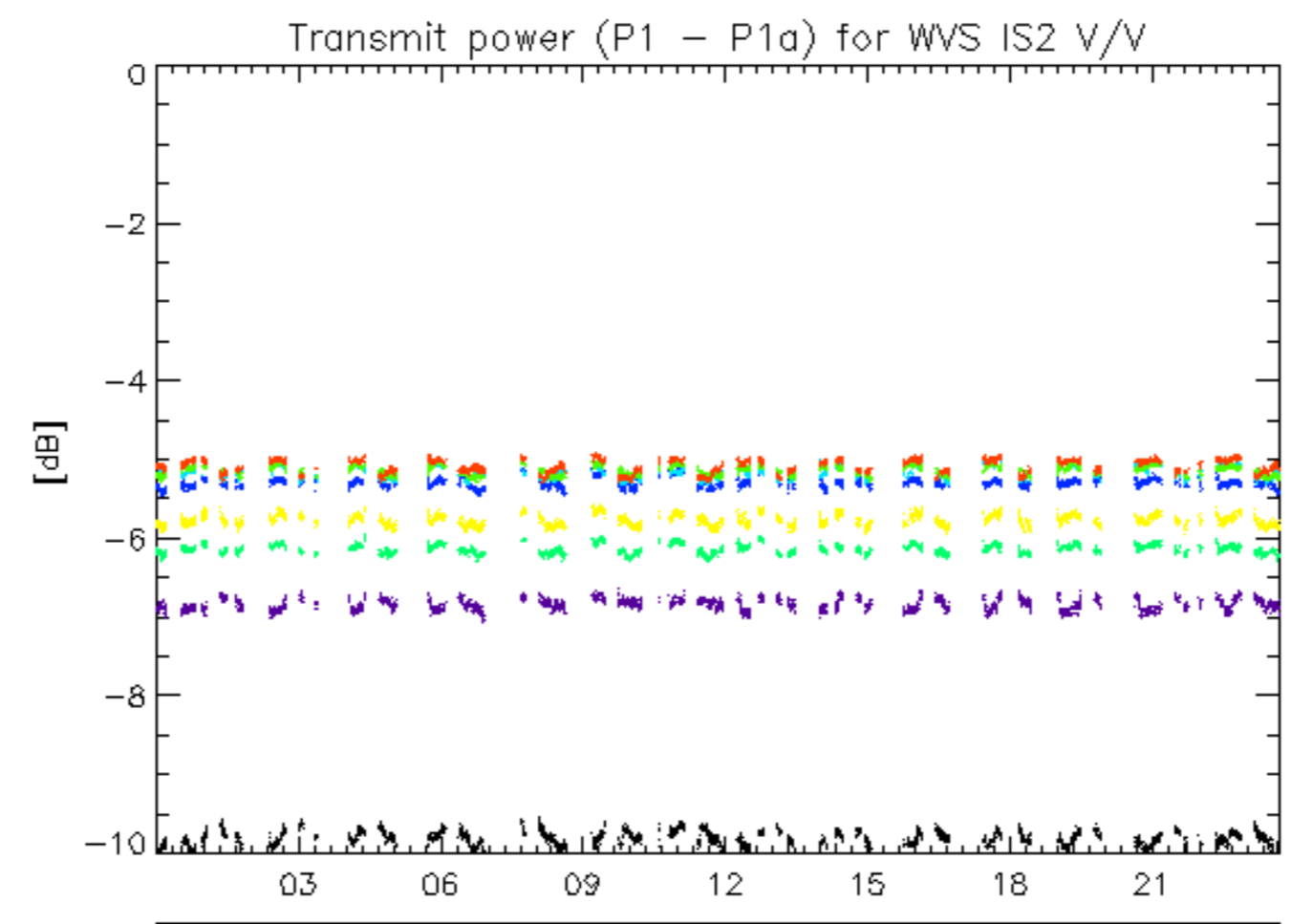


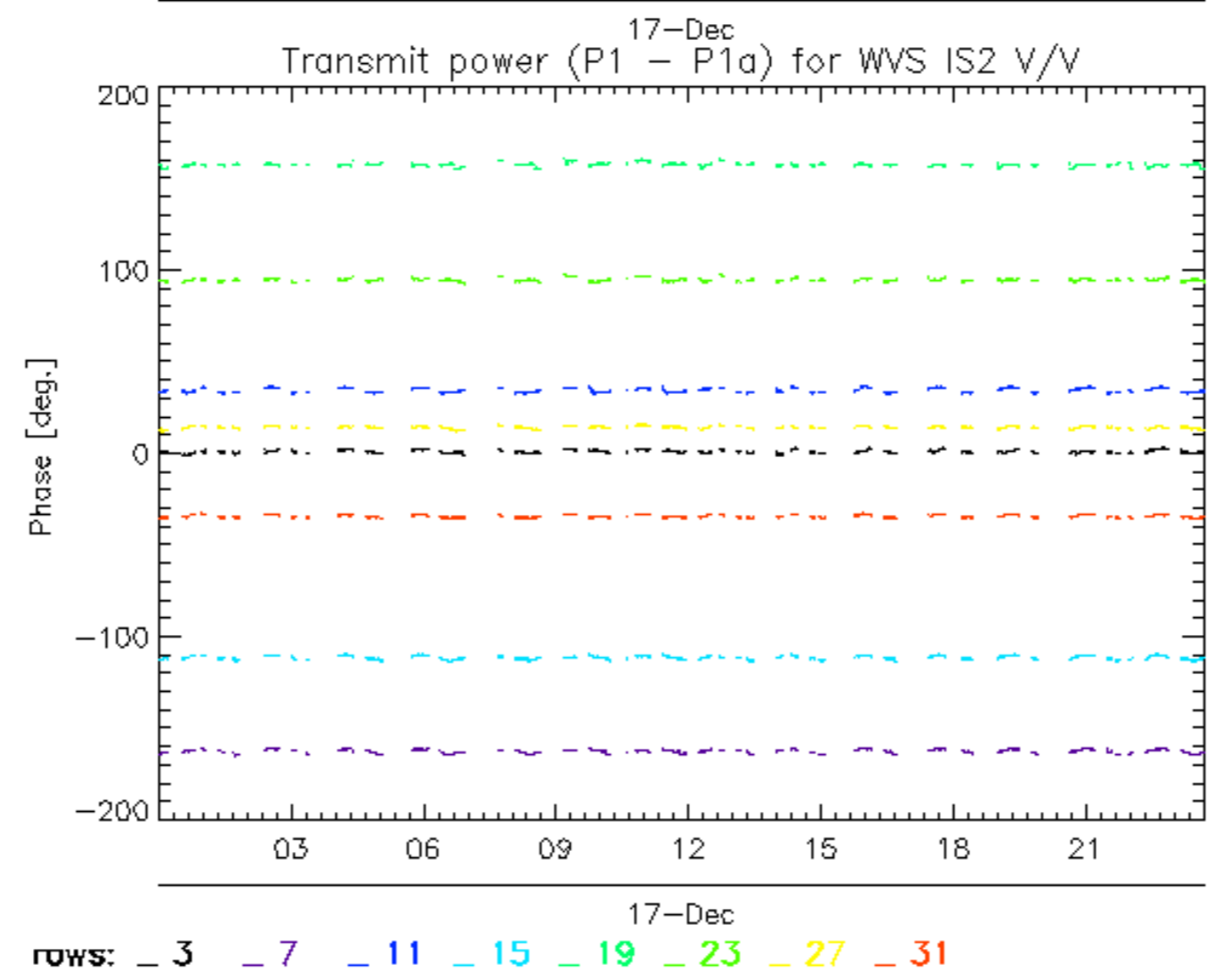
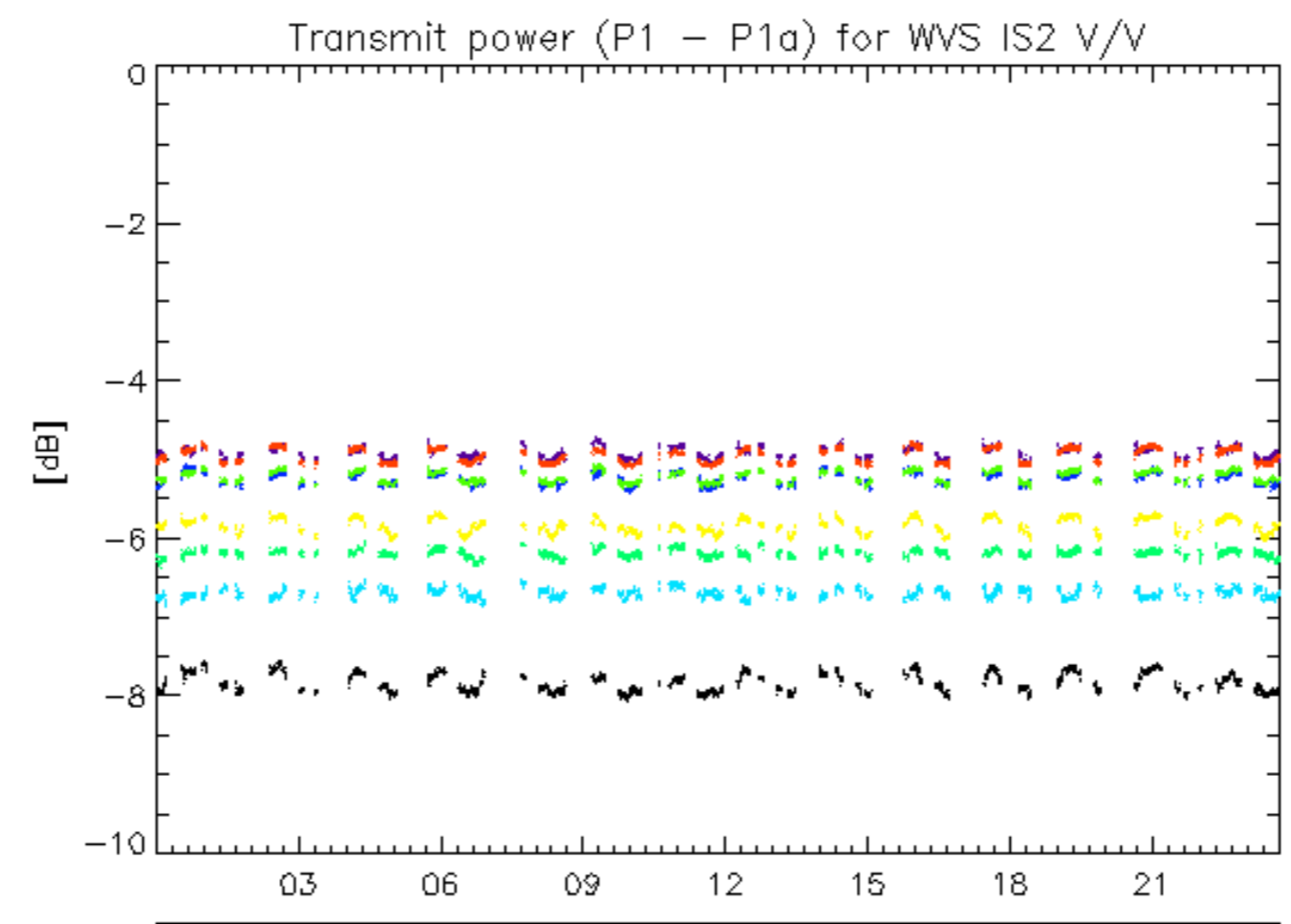
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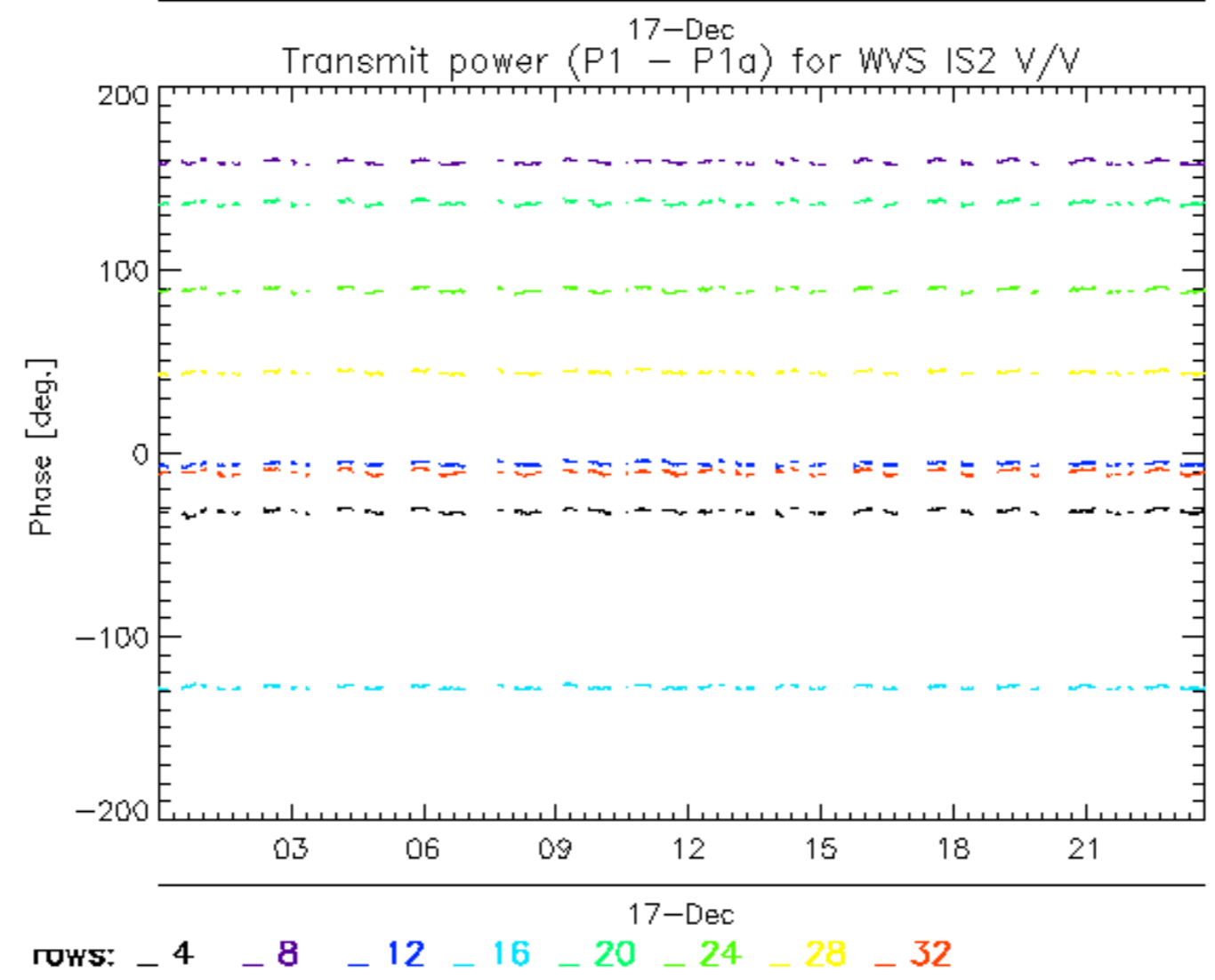
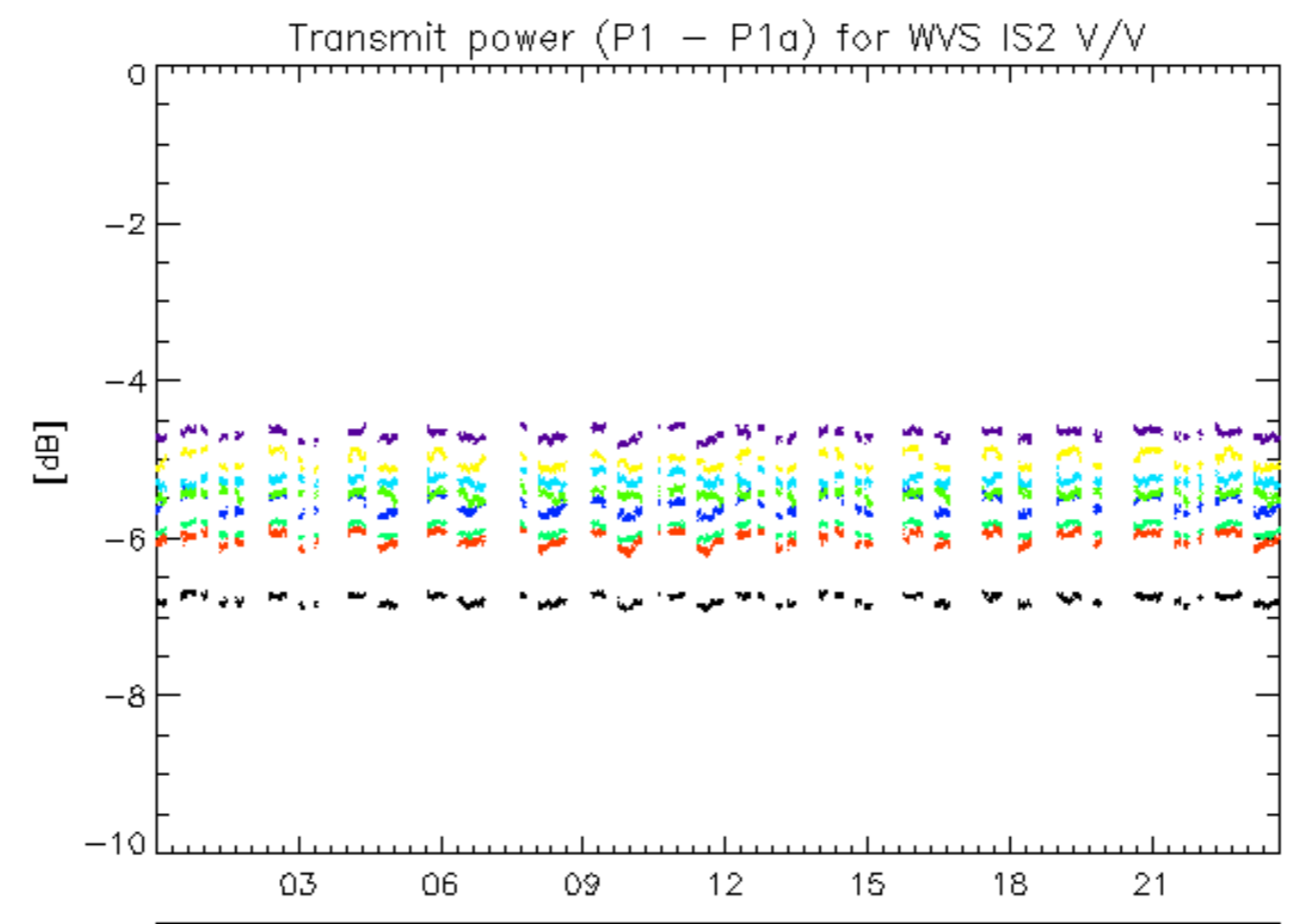


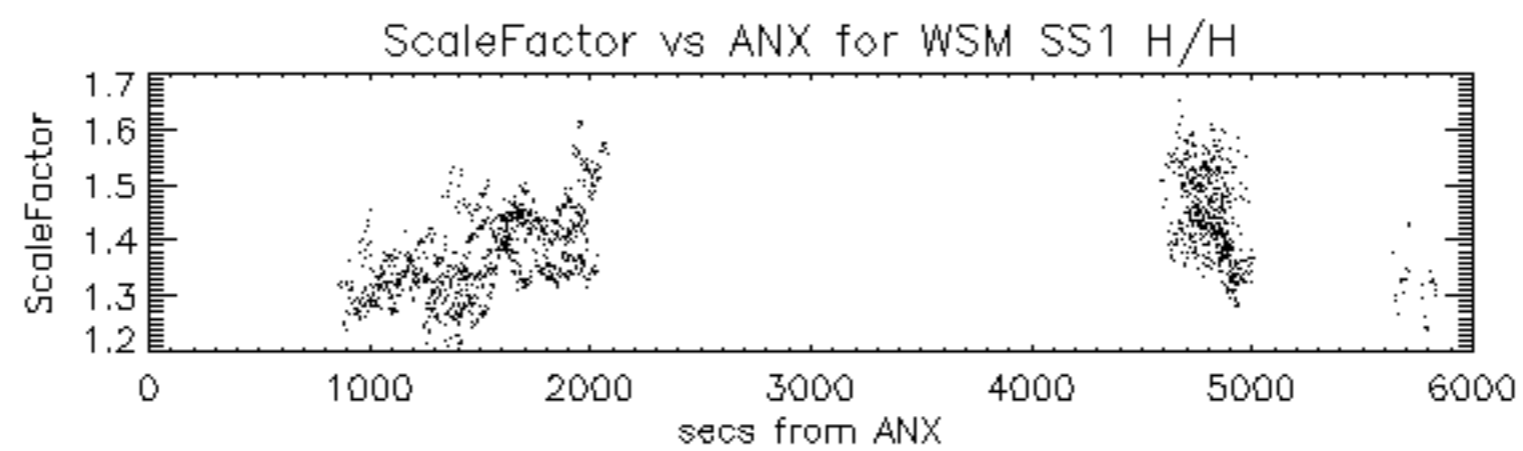
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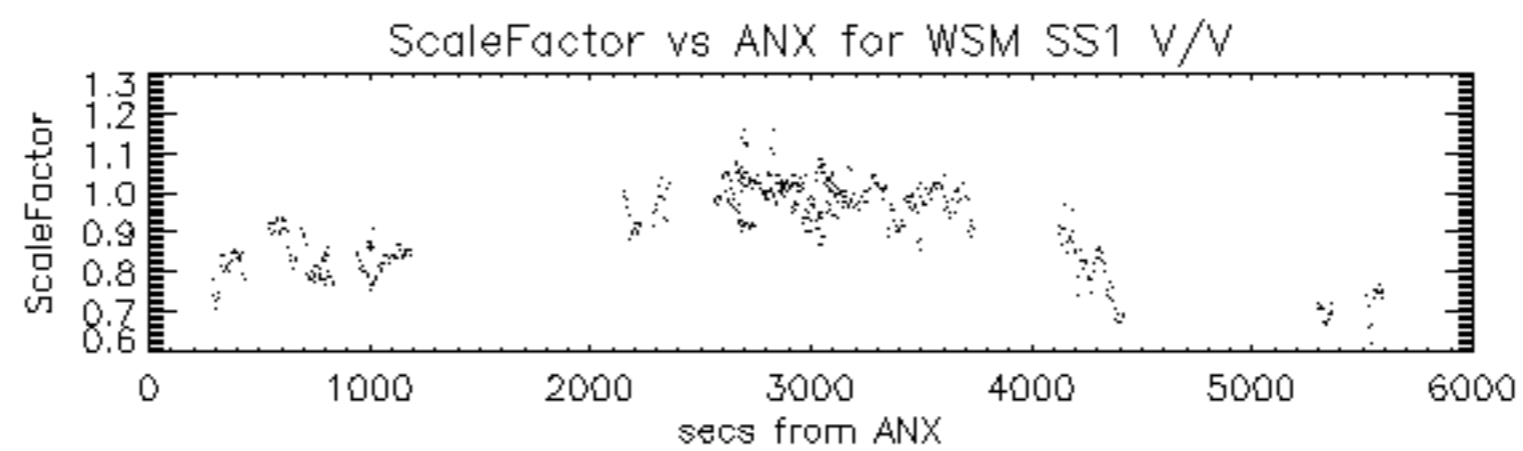


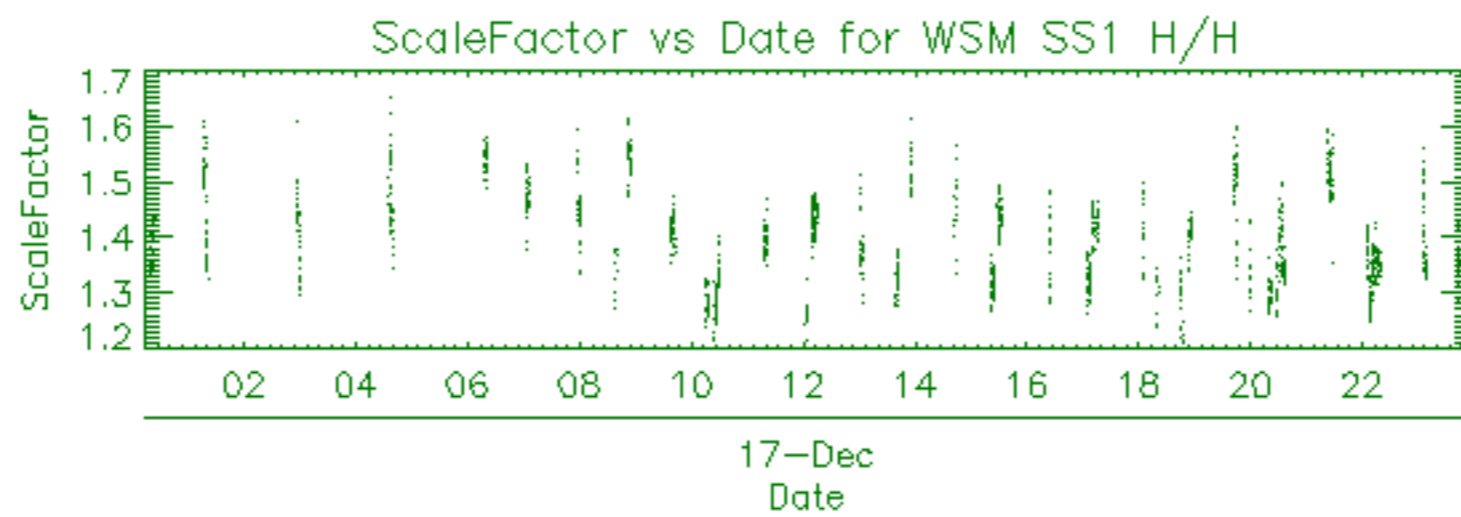


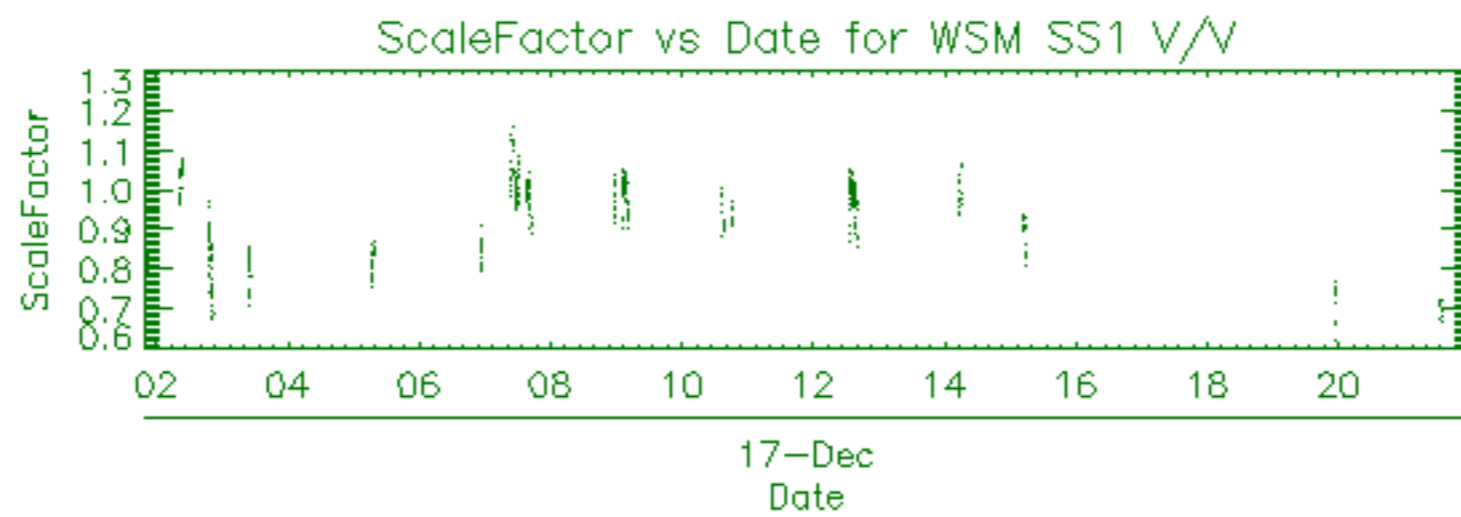












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20091217_165112_000000432085_00141_40776_9723.N1						IS7	H/H	85	40776	141	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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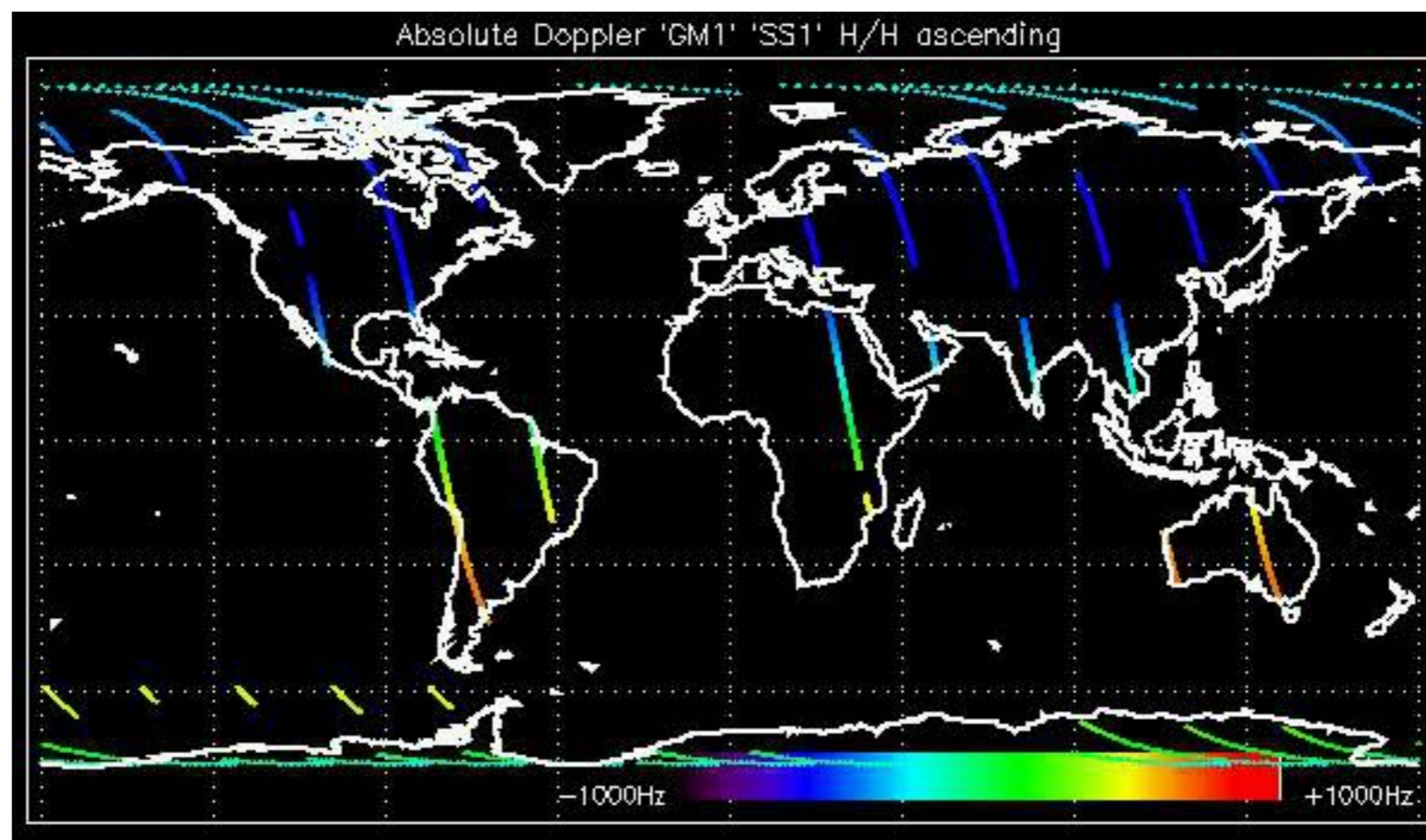
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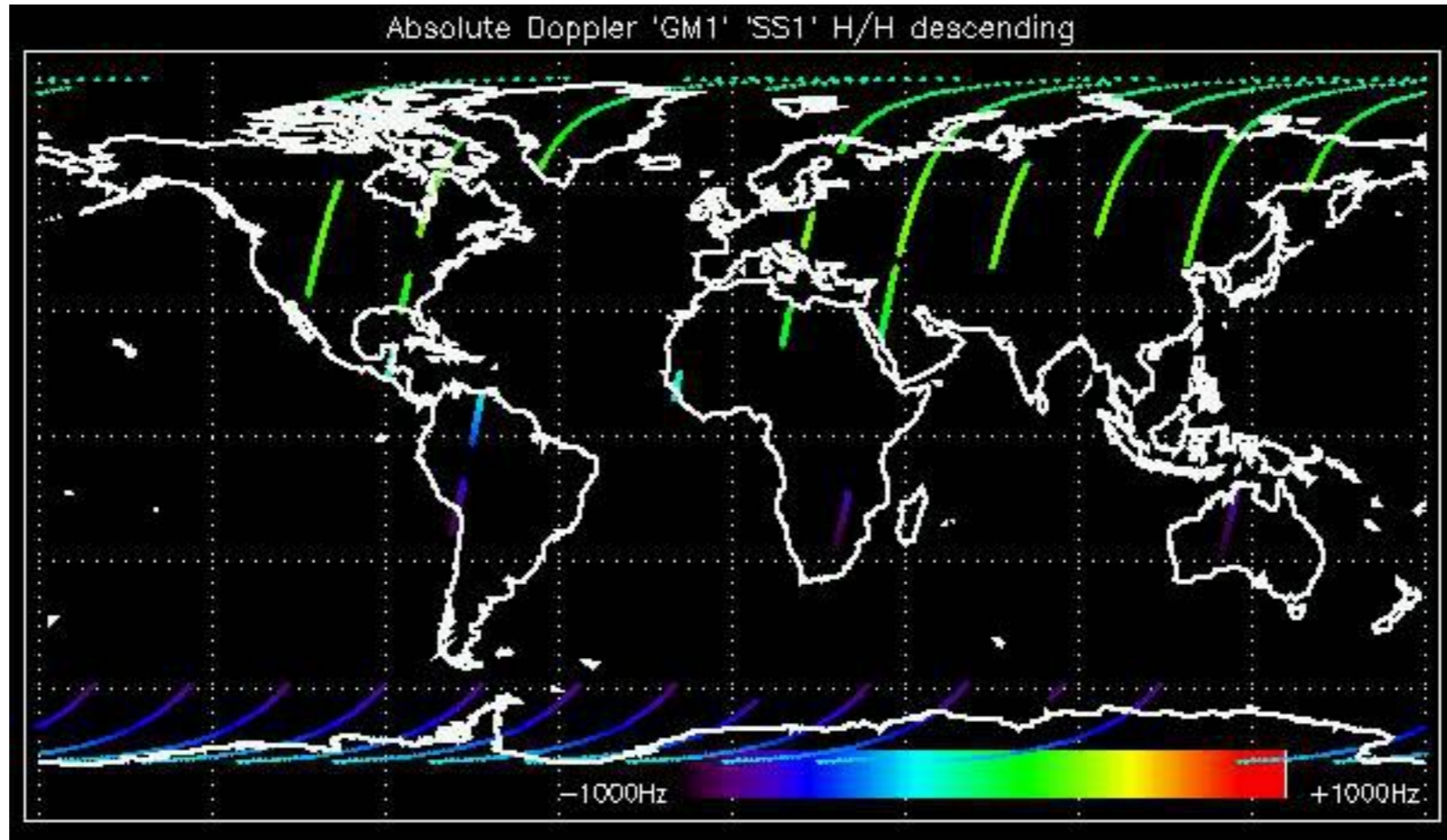
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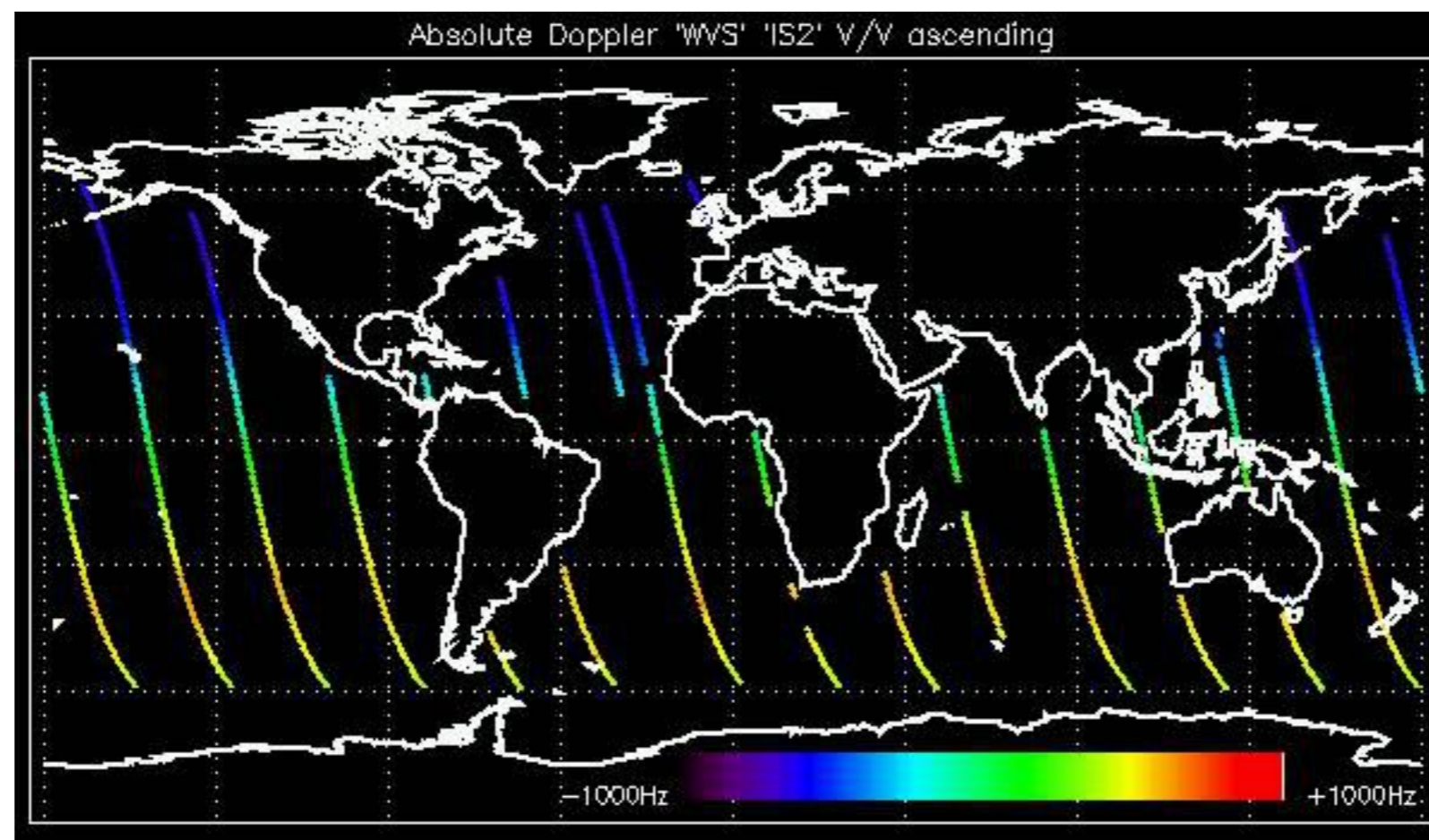


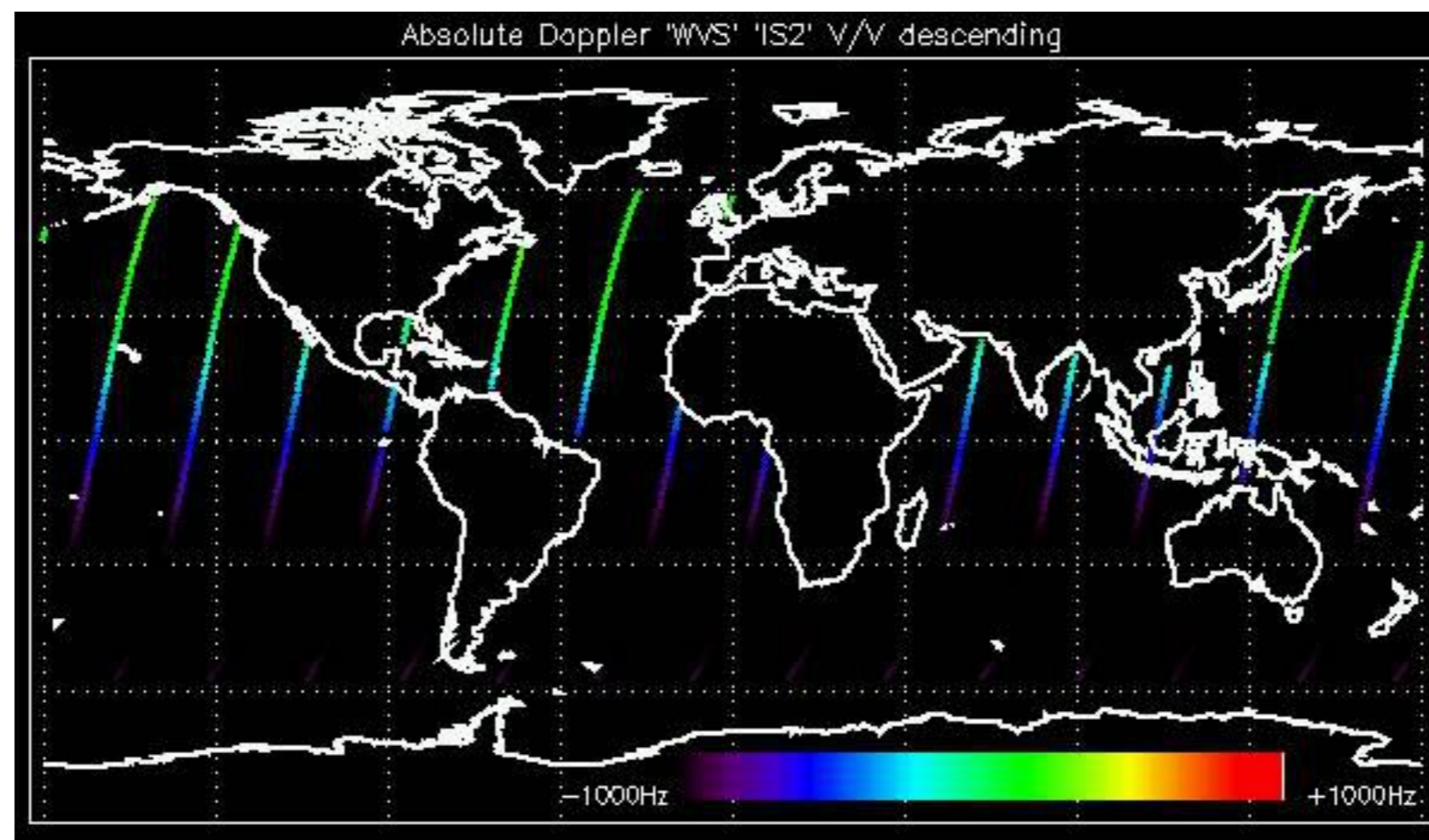
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ASA_WSM_1PNPDE20091217_014919_000001412085_00132_40767_9609.N1						SS1	V/V	85	40767	132	5.03
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ASA_WSM_1PNPDE20091217_024637_000003062085_00132_40767_9619.N1						SS1	V/V	85	40767	132	5.03
ASA_WSM_1PNPDE20091217_025549_000002942085_00132_40767_9637.N1						SS1	H/H	85	40767	132	5.03
ASA_WSM_1PNPDE20091217_032315_000001652085_00133_40768_9638.N1						SS1	V/V	85	40768	133	5.03
ASA_WSM_1PNPDE20091217_043456_000002262085_00133_40768_9657.N1						SS1	H/H	85	40768	133	5.03
ASA_WSM_1PNPDE20091217_043858_000000672085_00133_40768_9658.N1						SS1	H/H	85	40768	133	5.03
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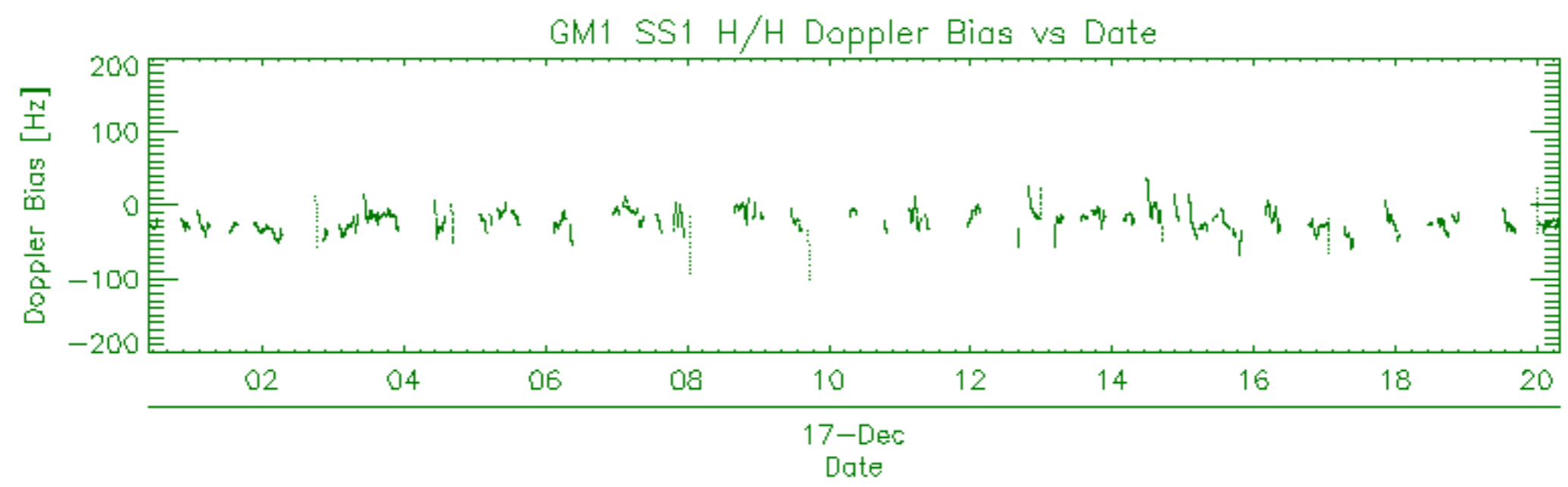
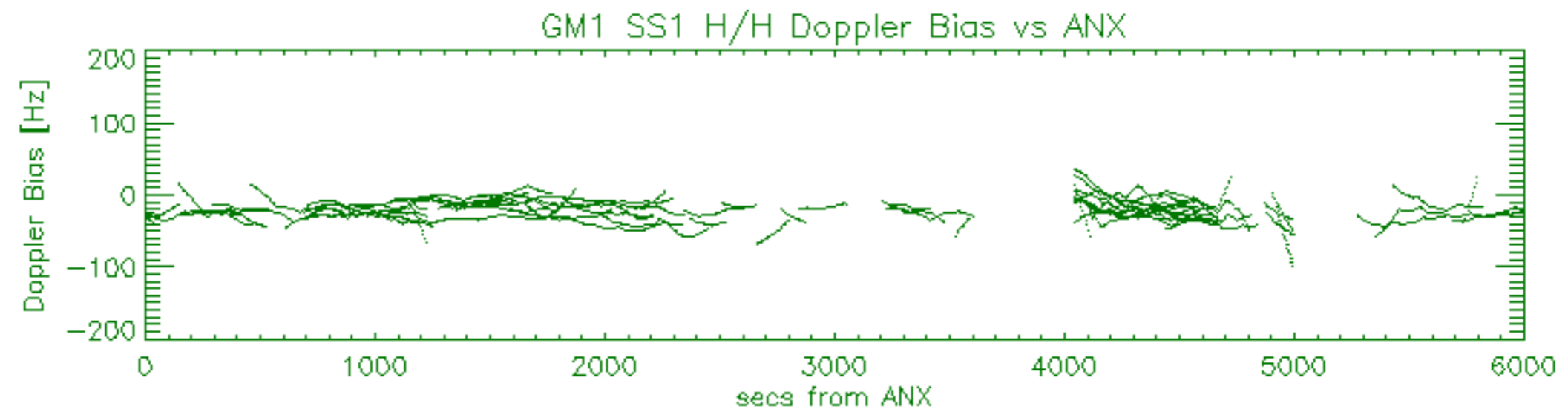
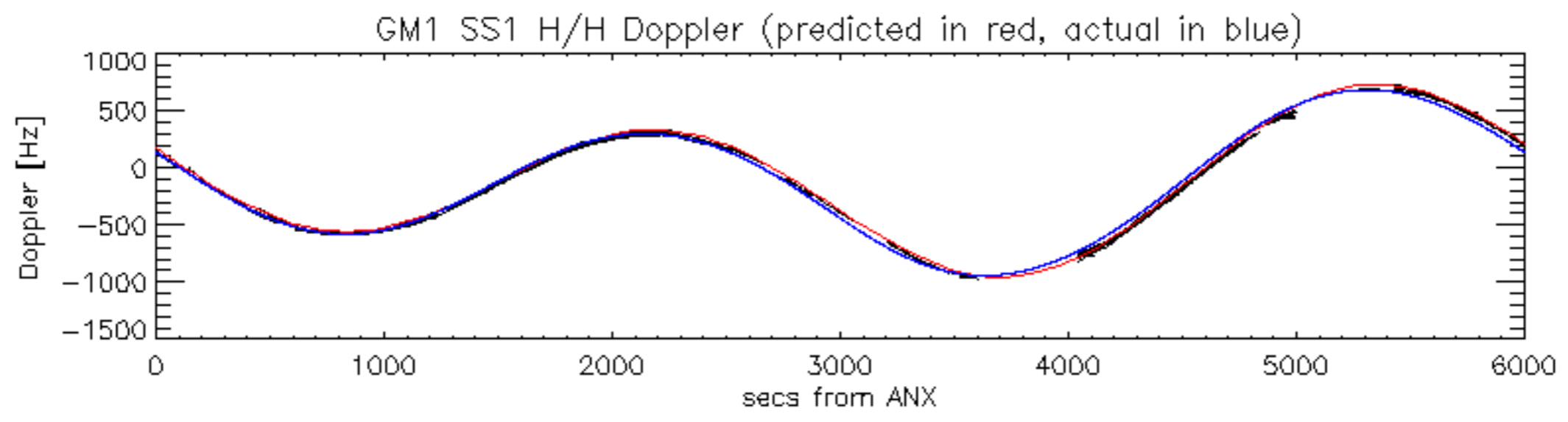
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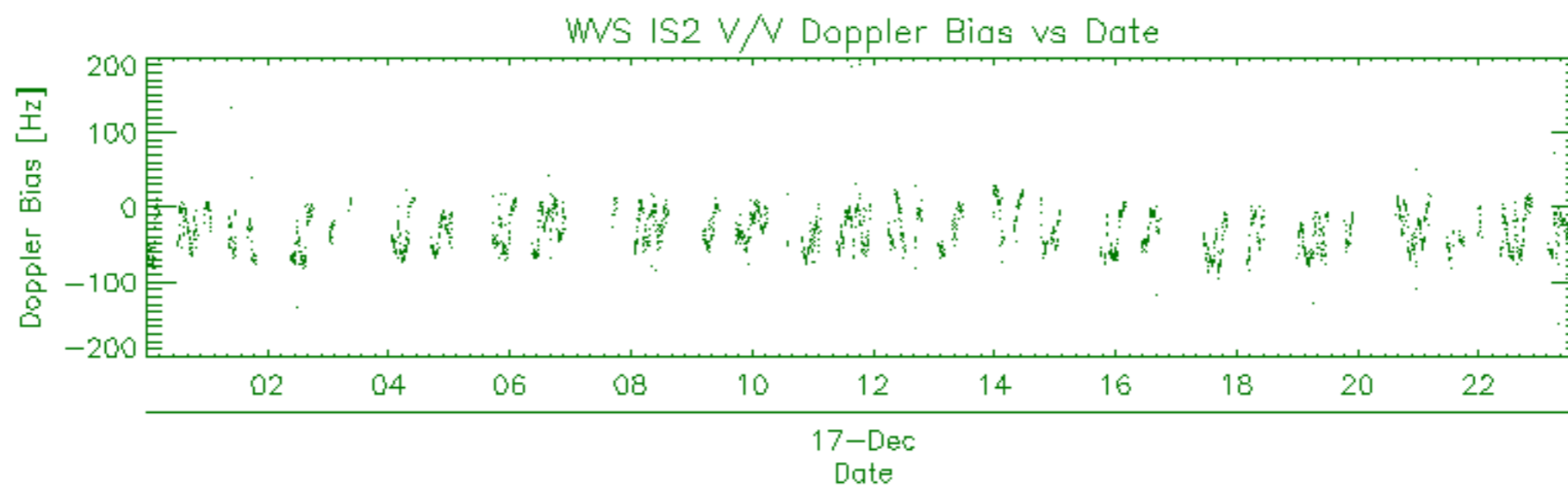
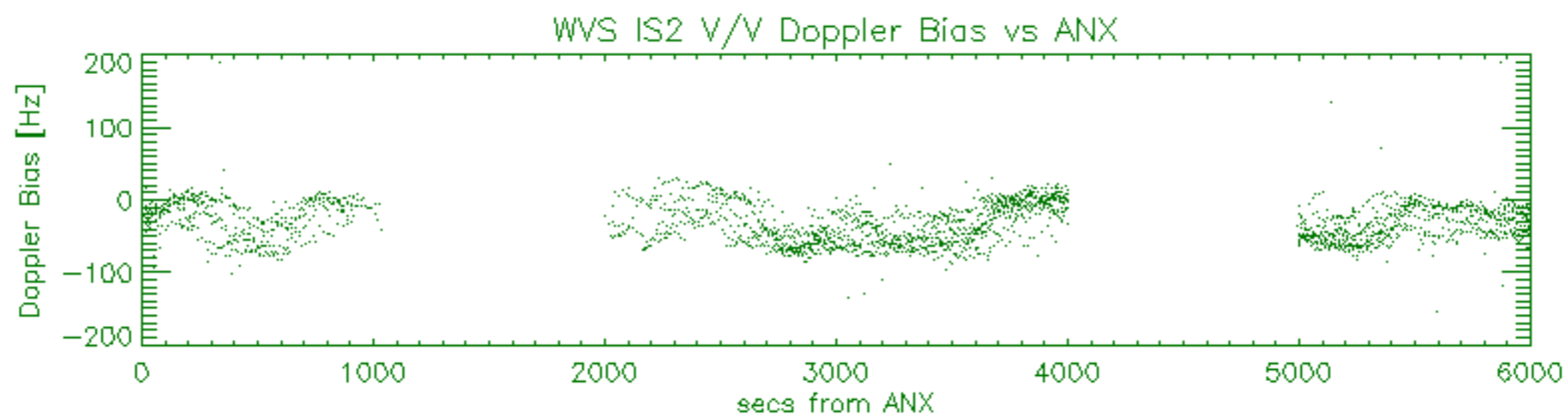
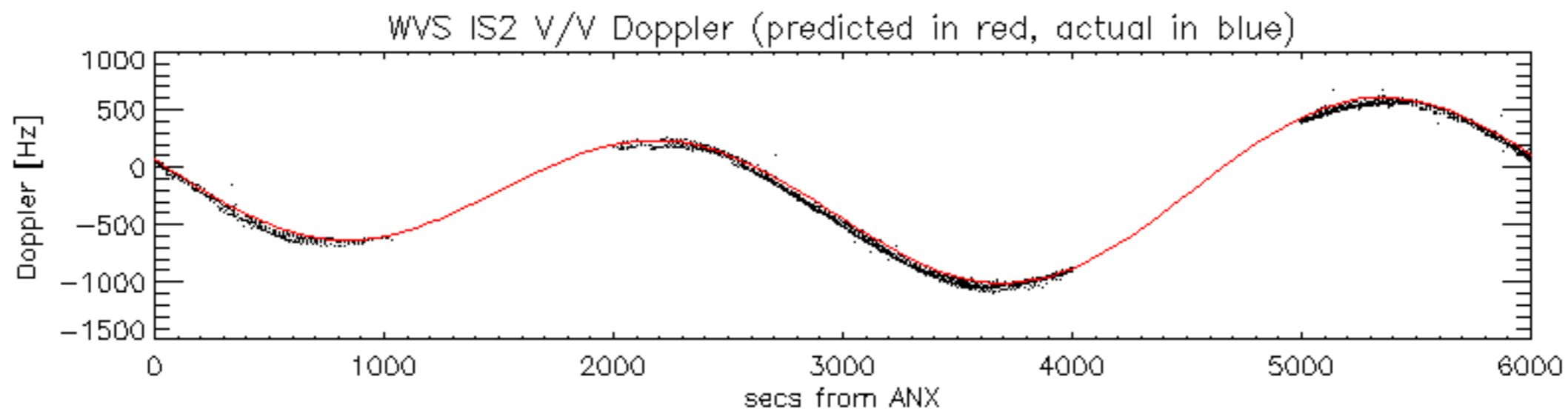


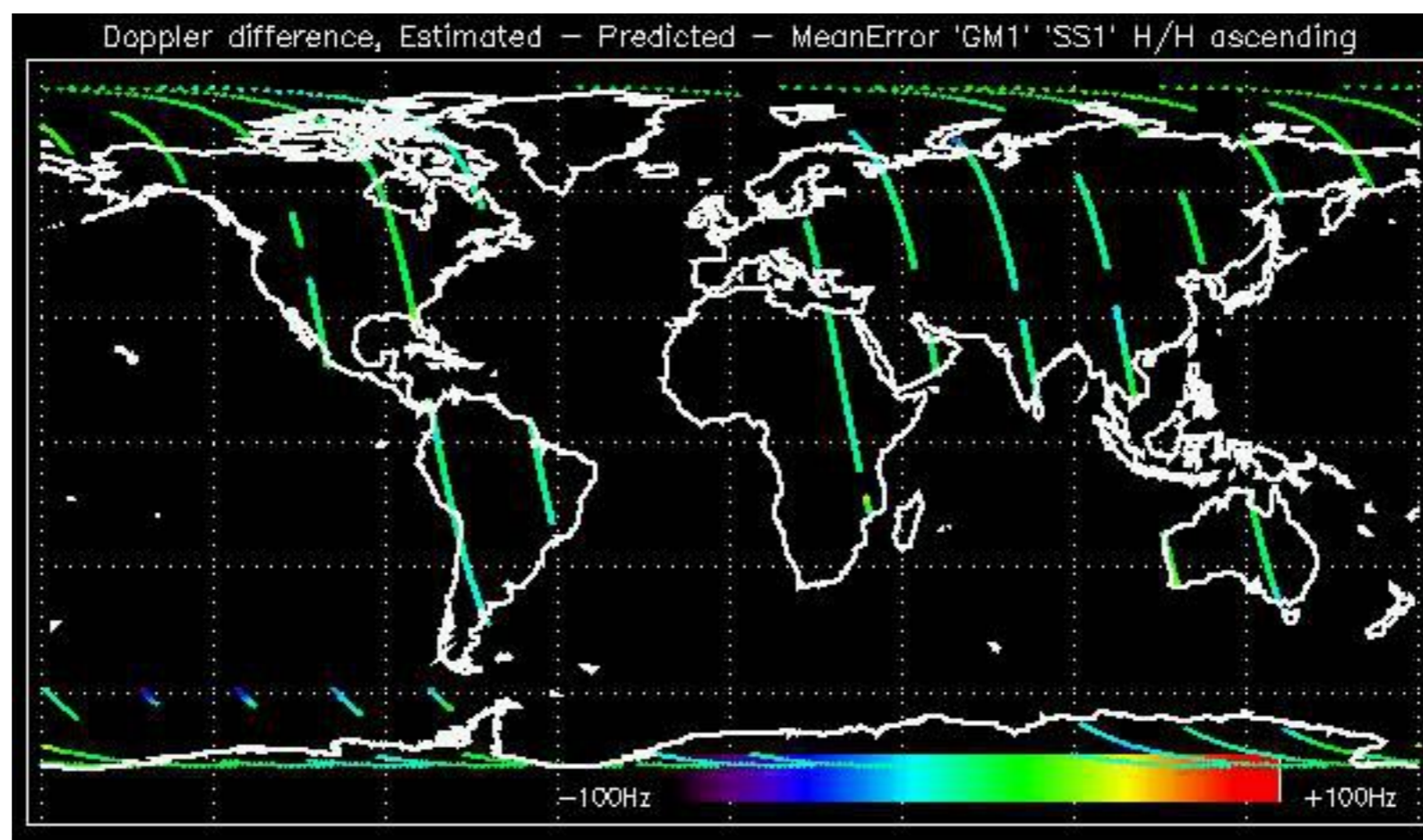


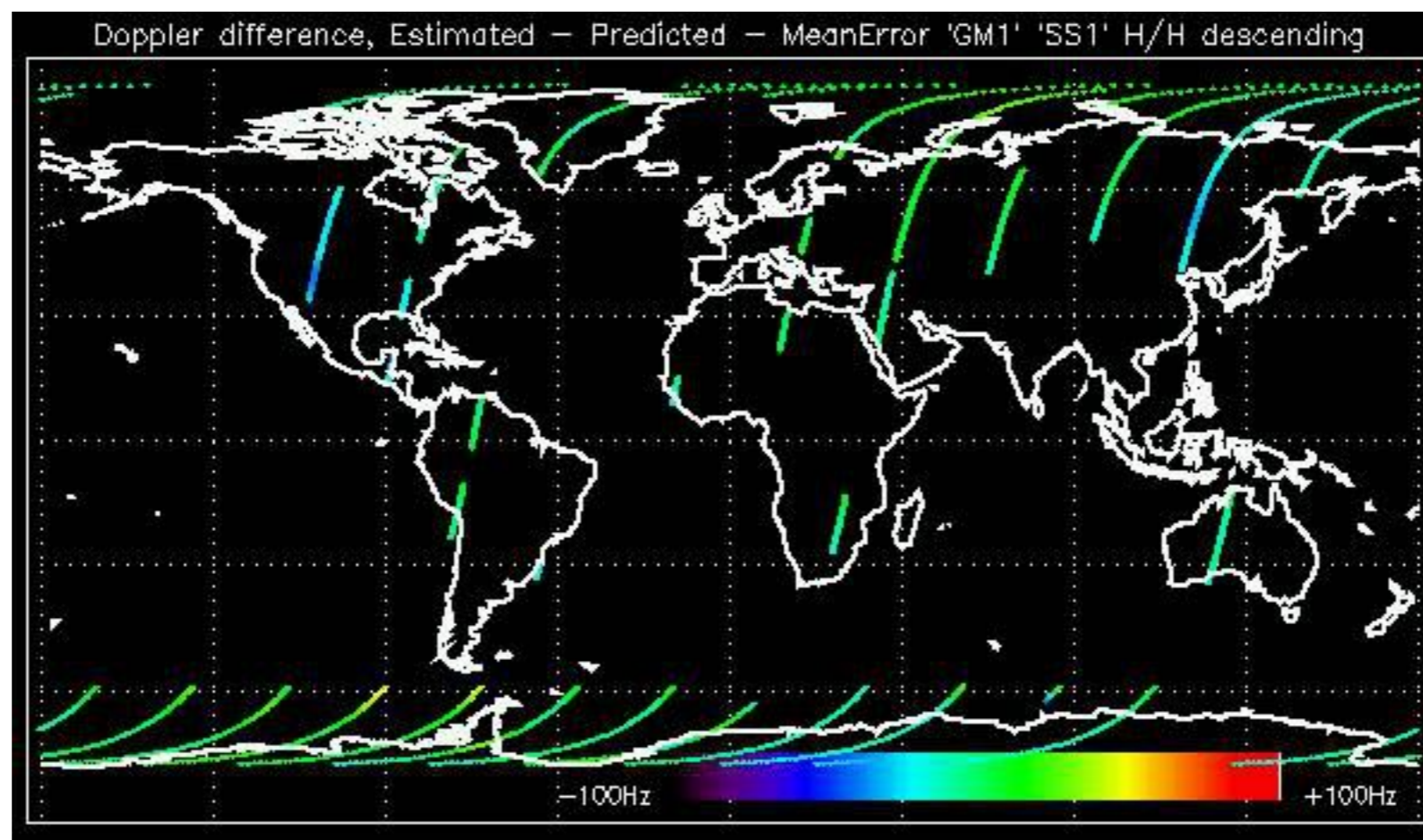


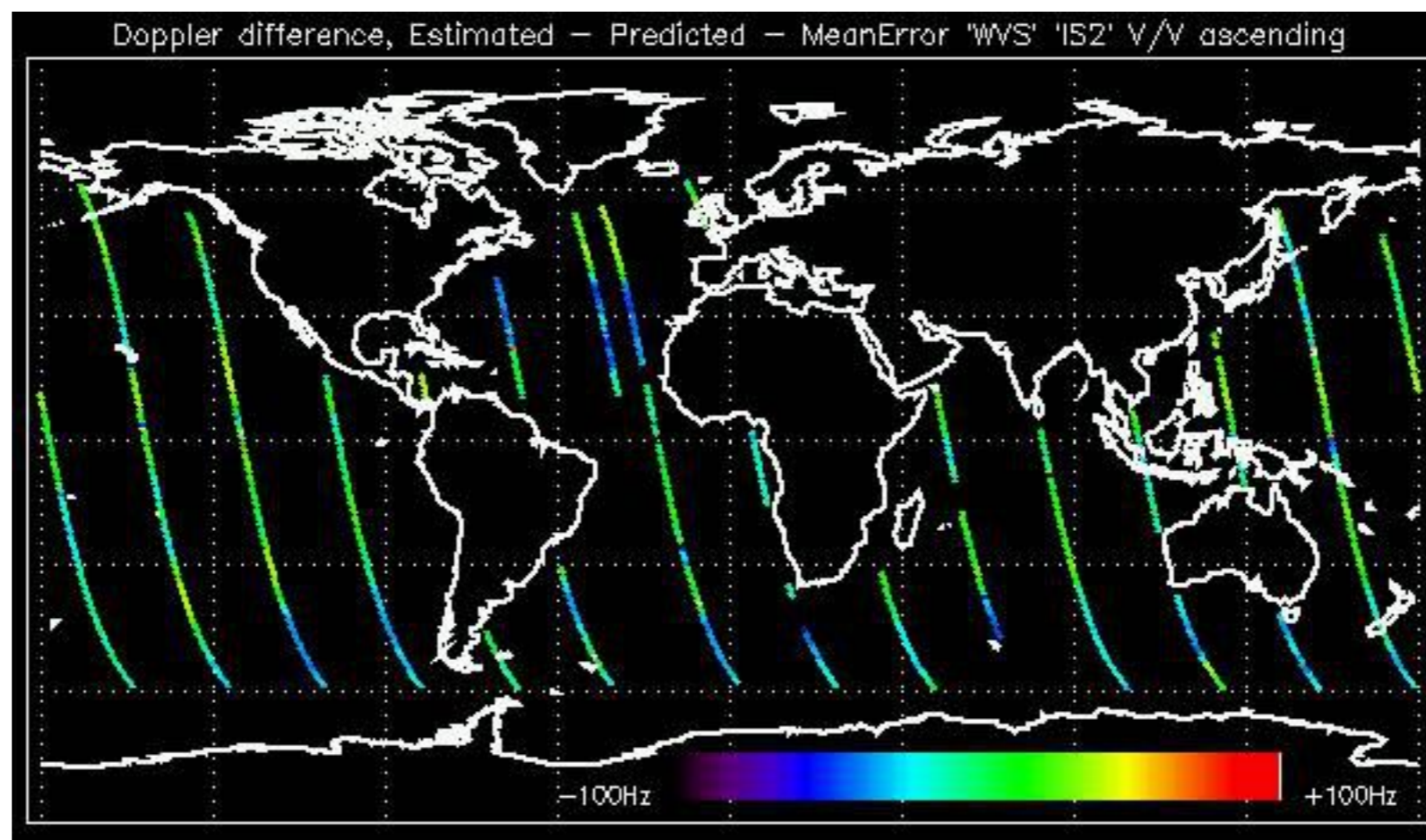


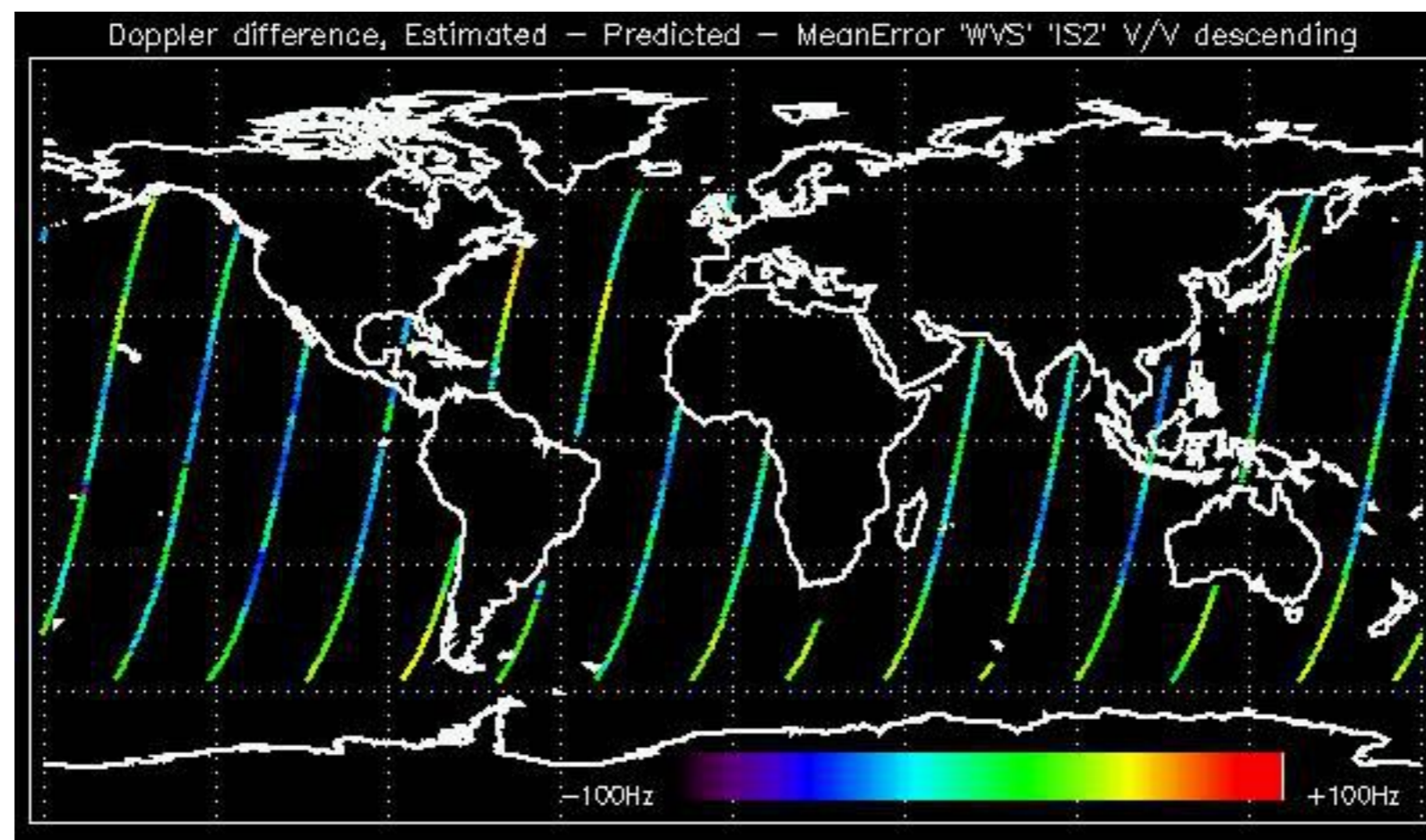


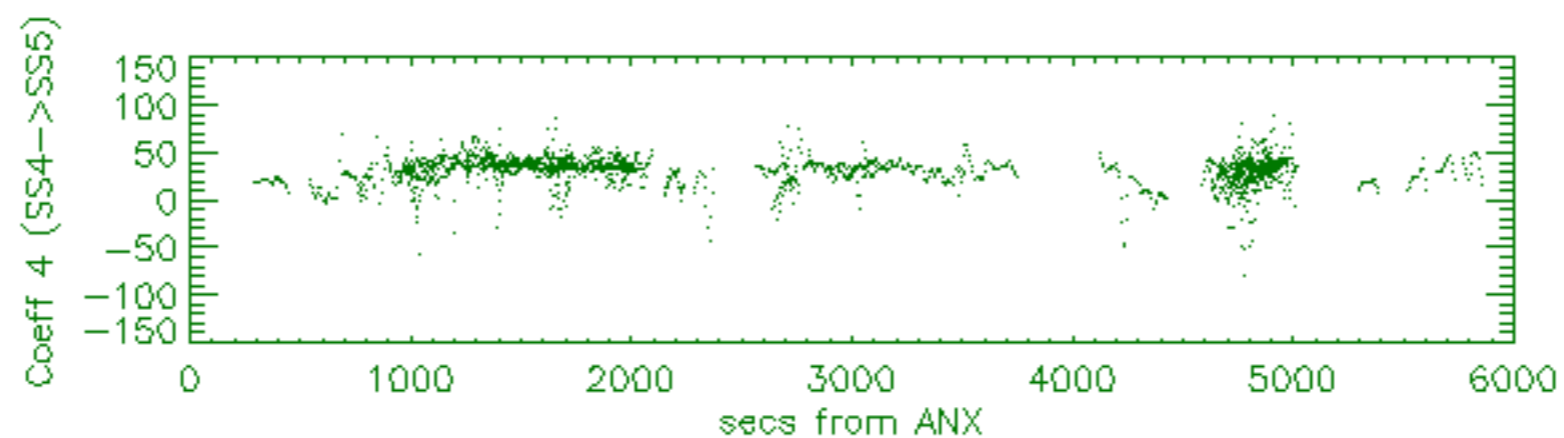
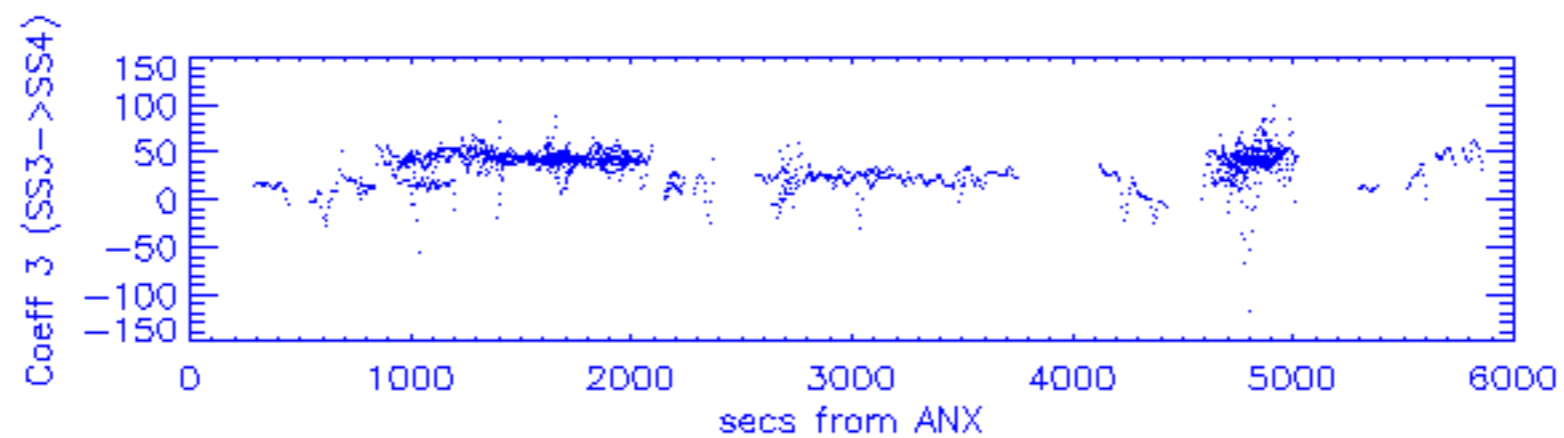
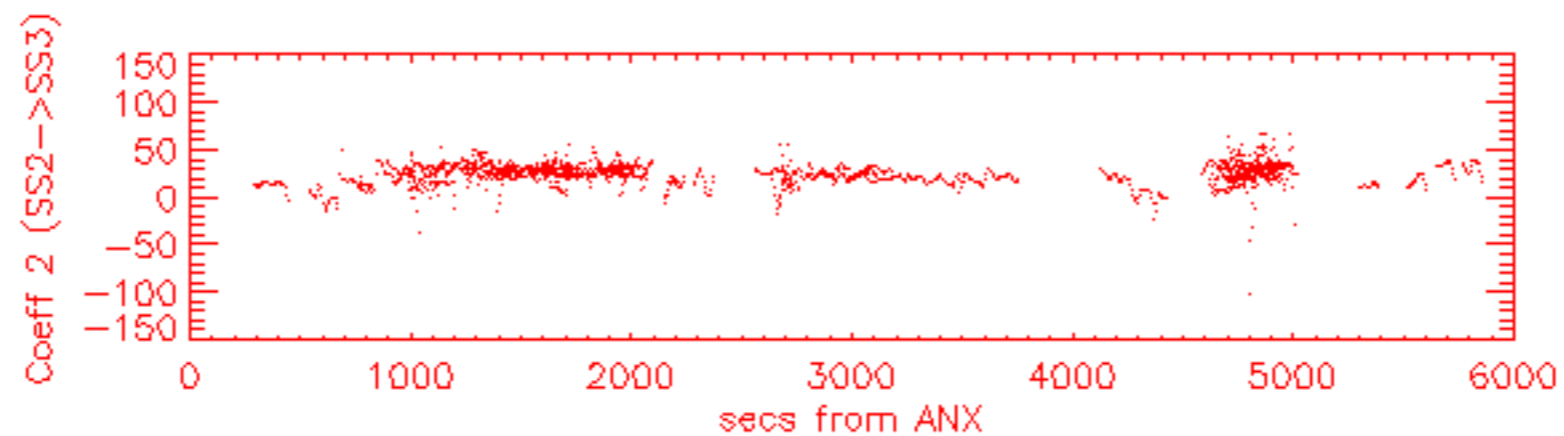
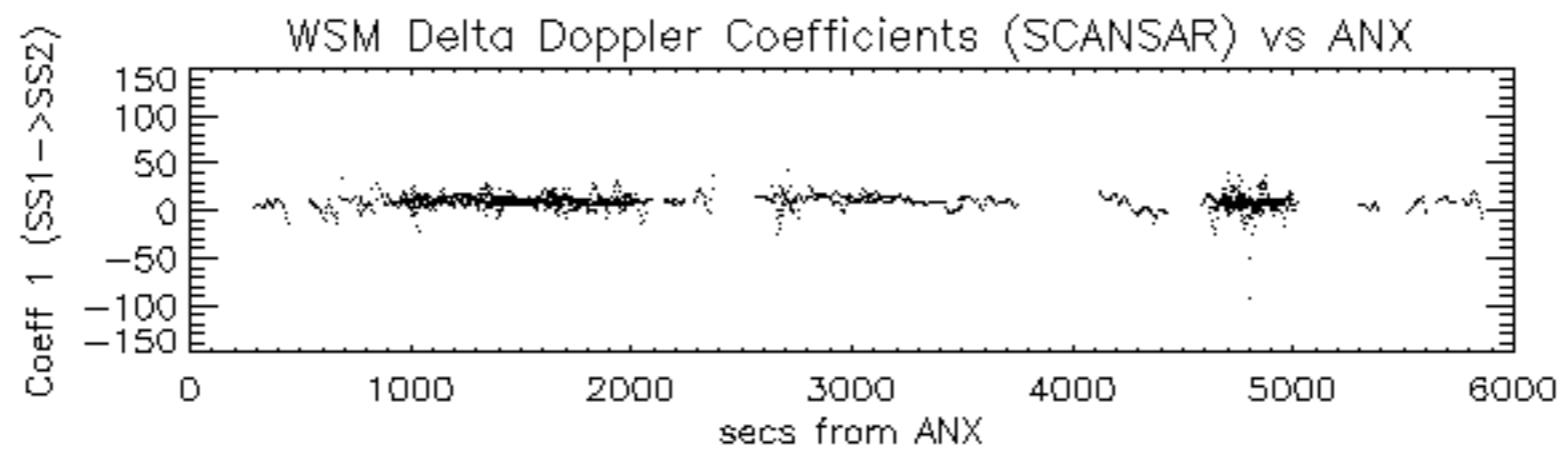


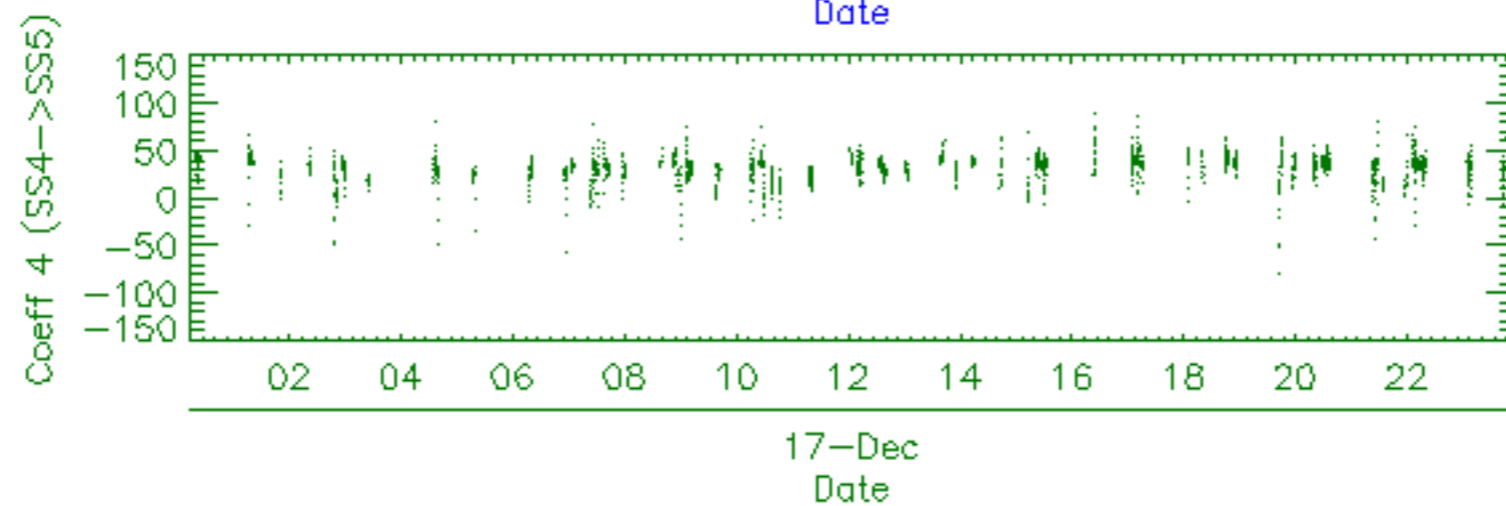
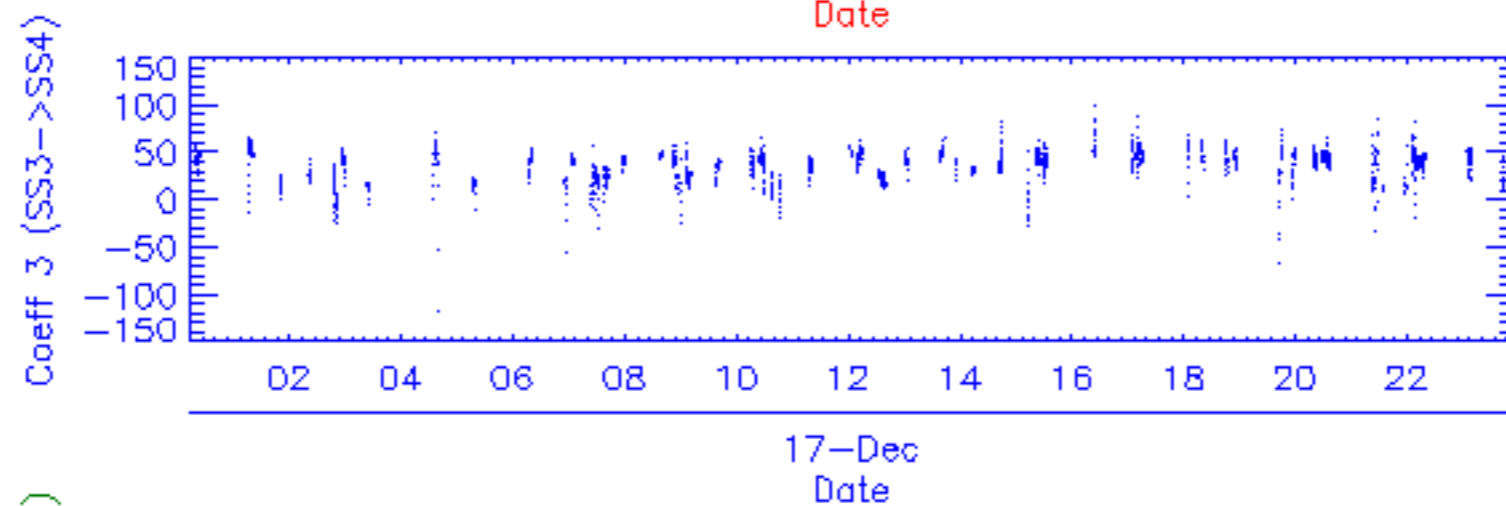
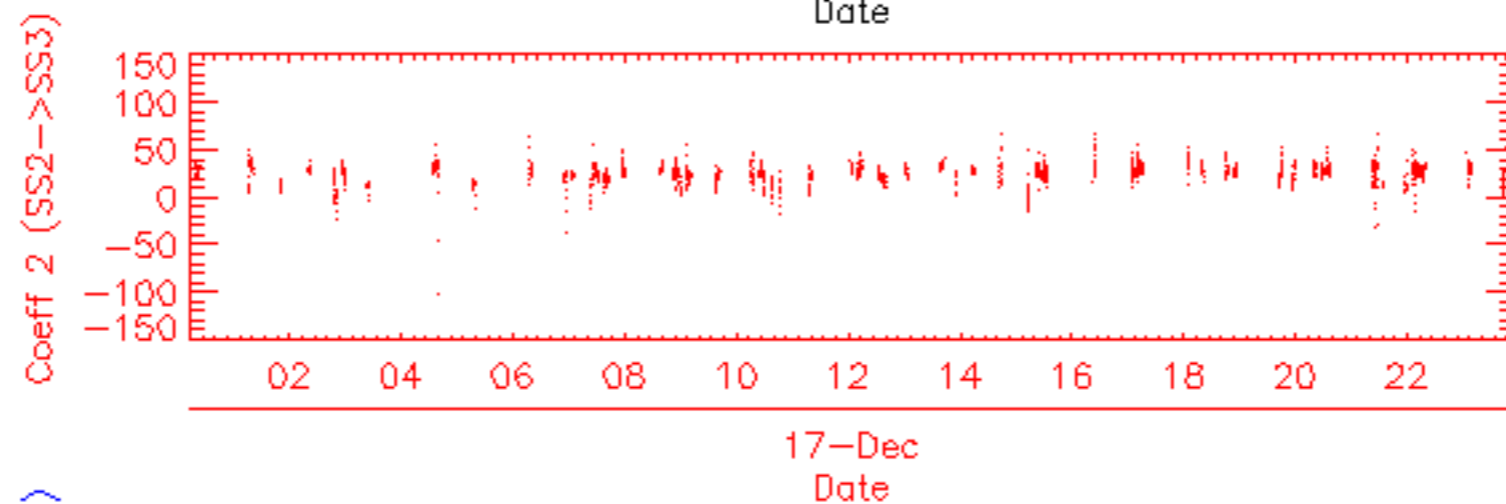
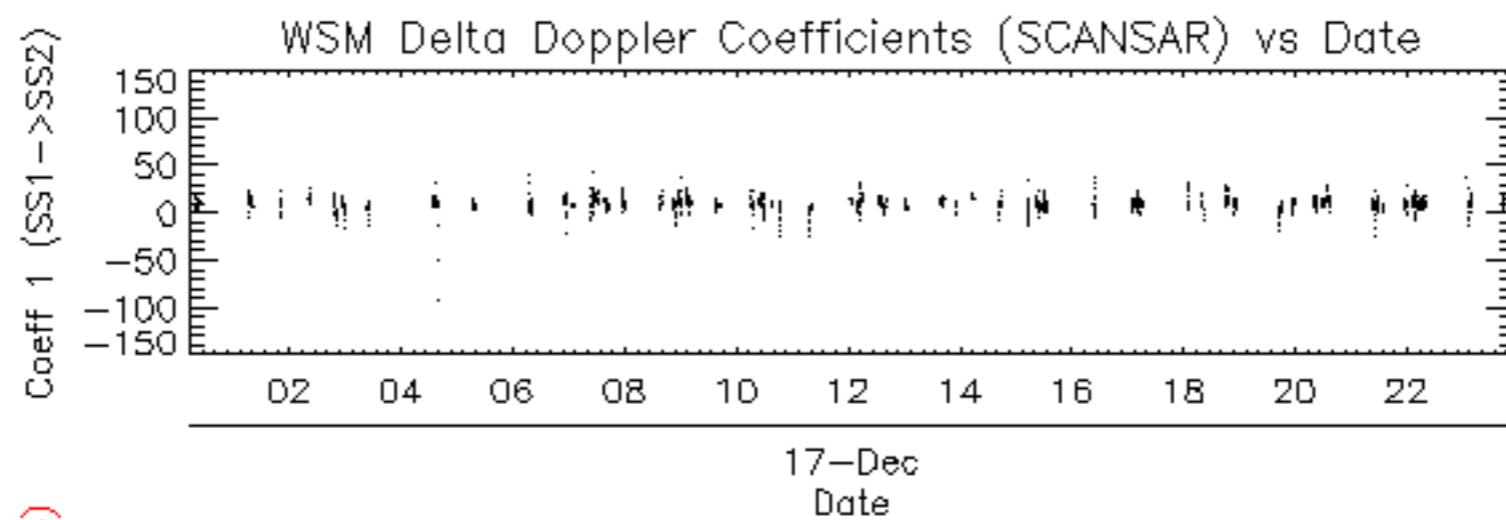


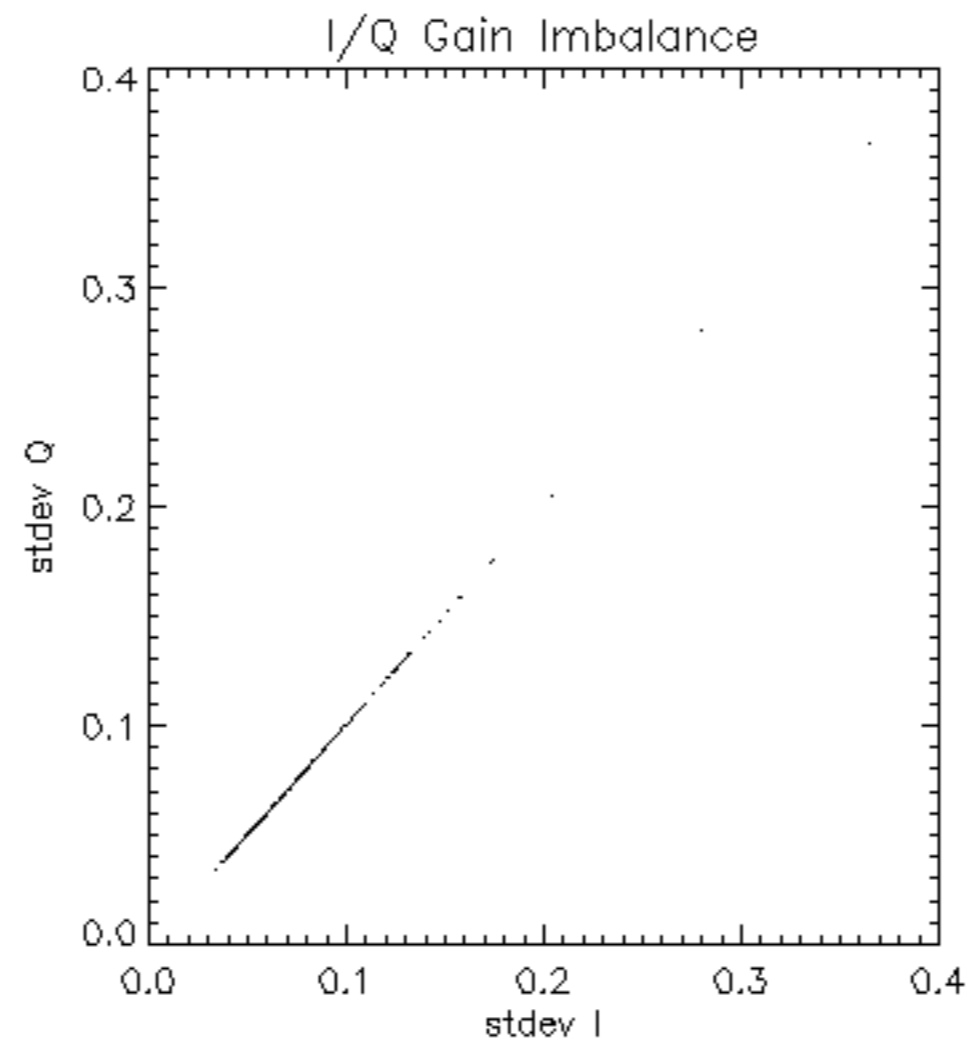


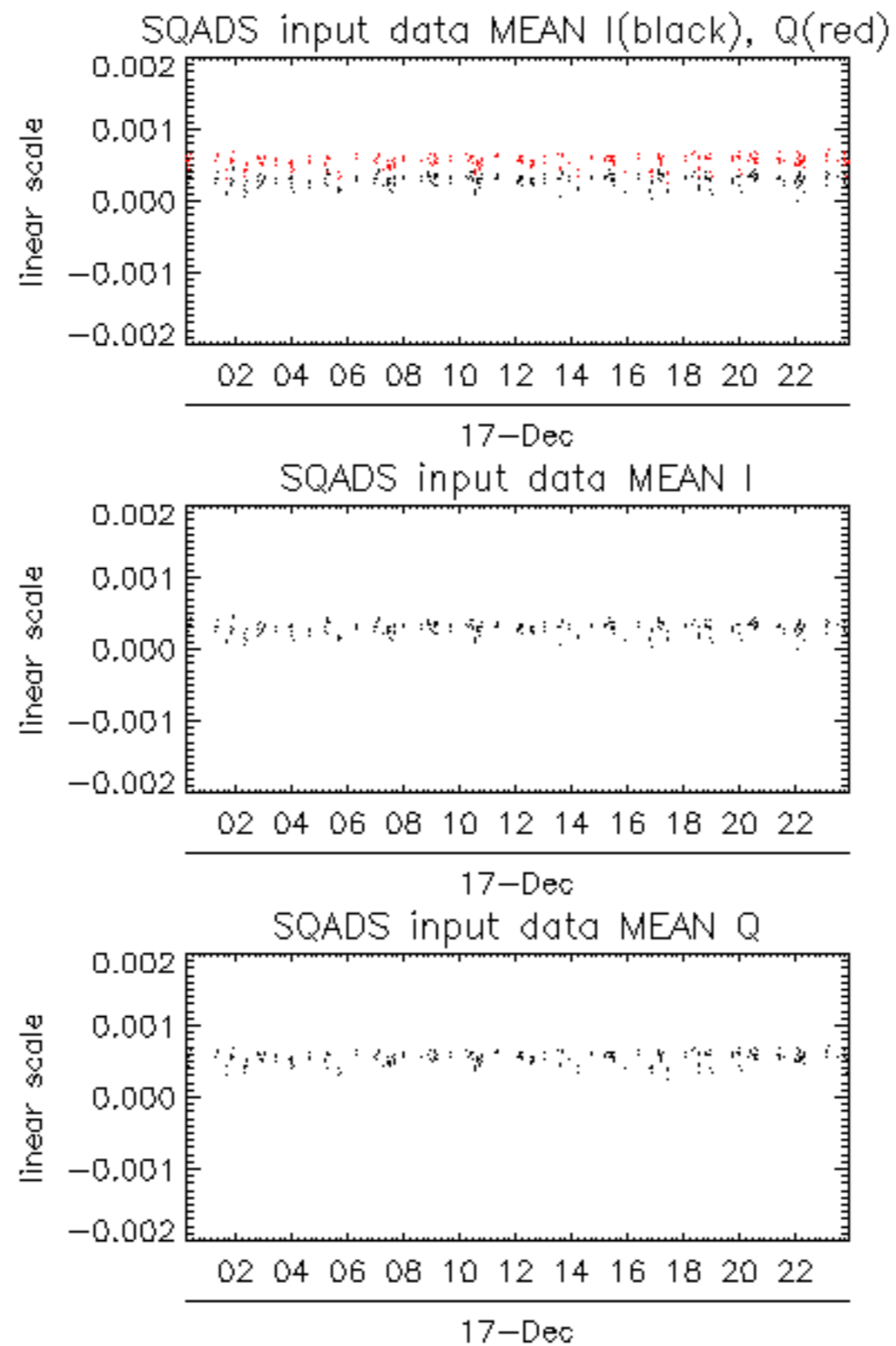


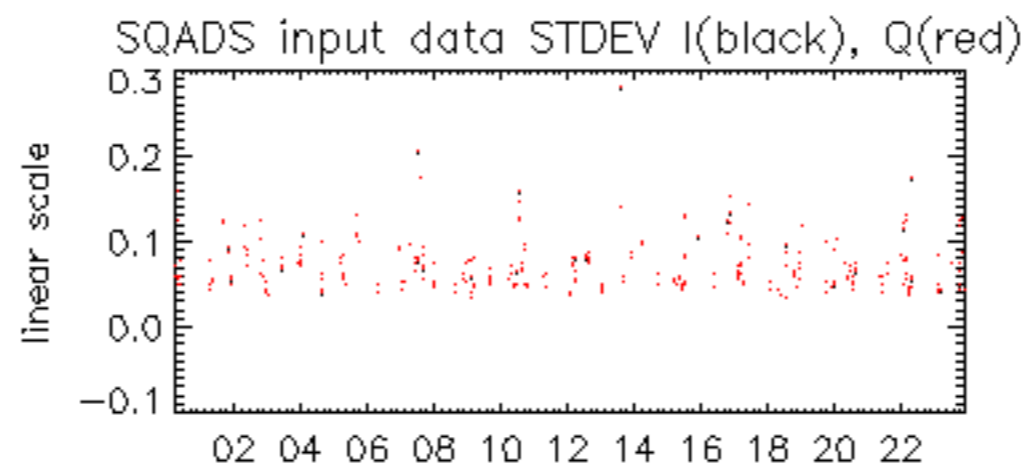




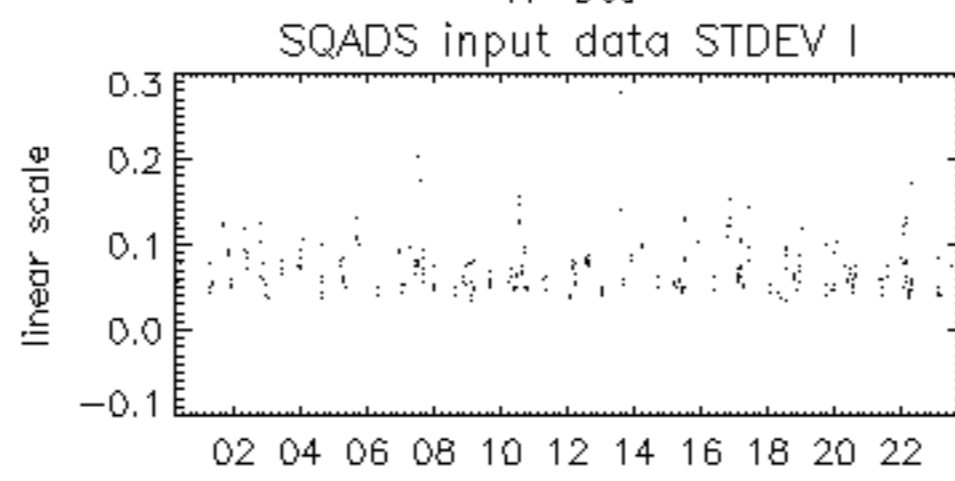




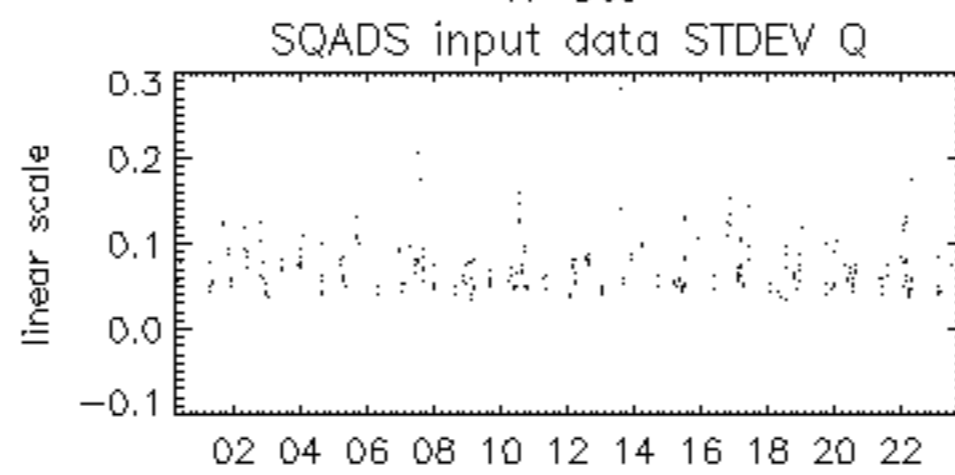




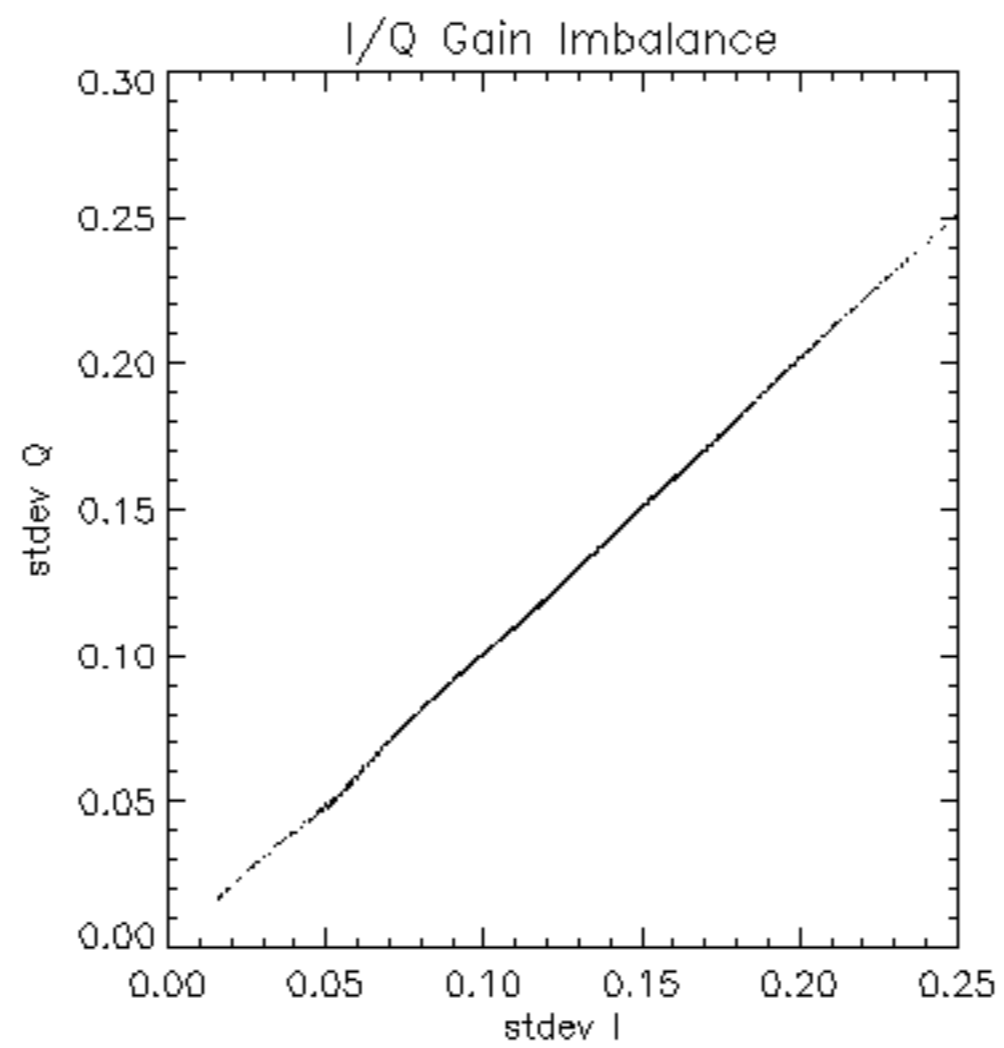
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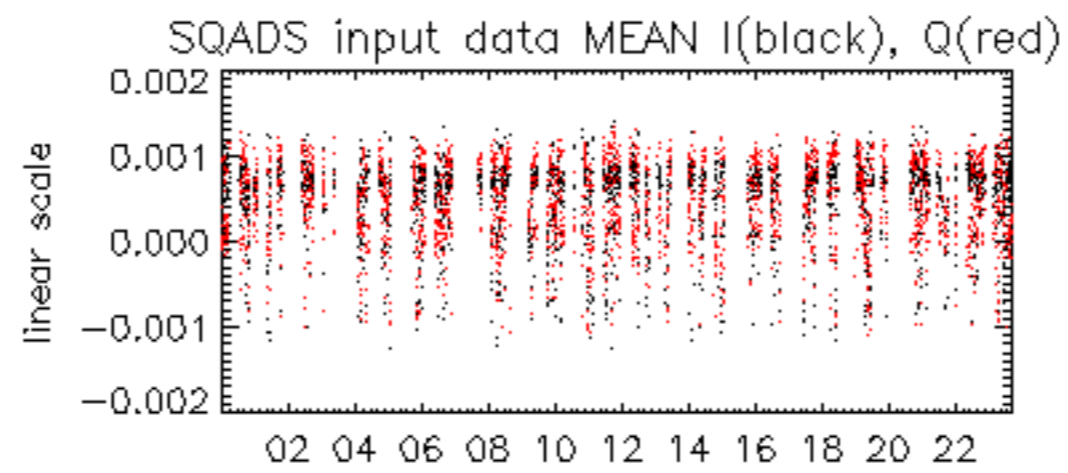


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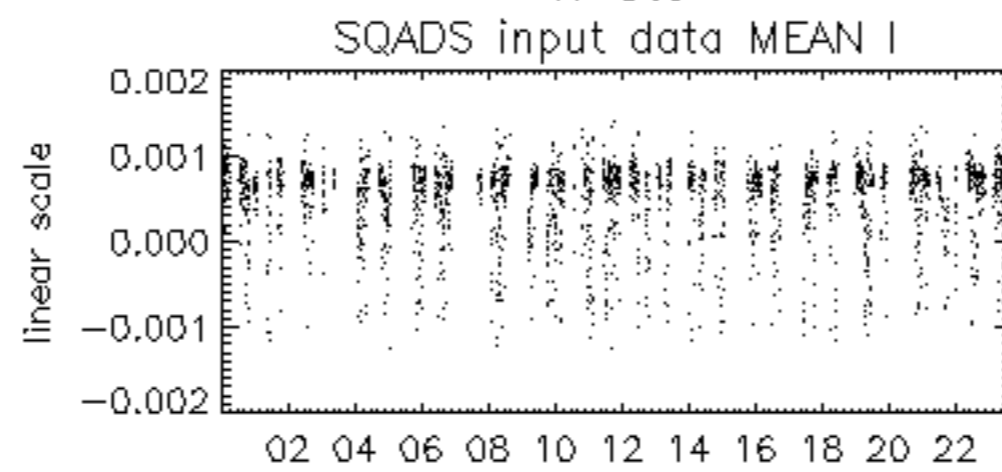


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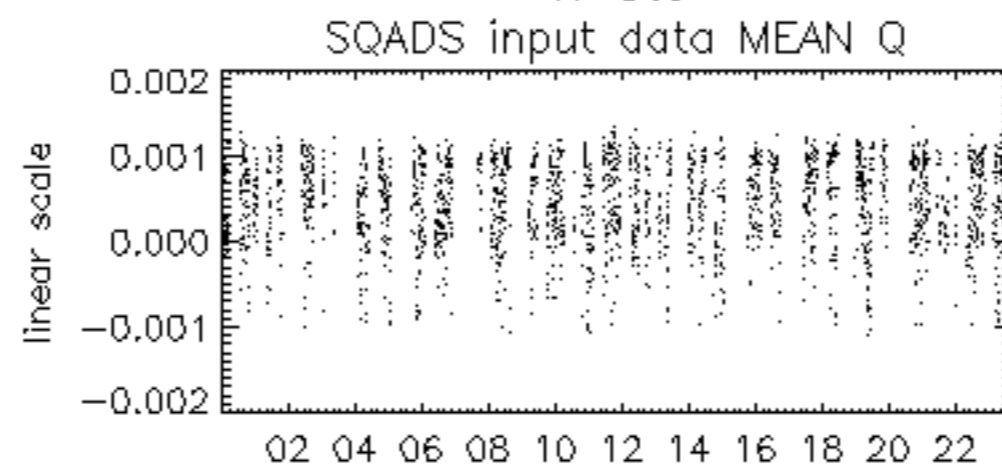




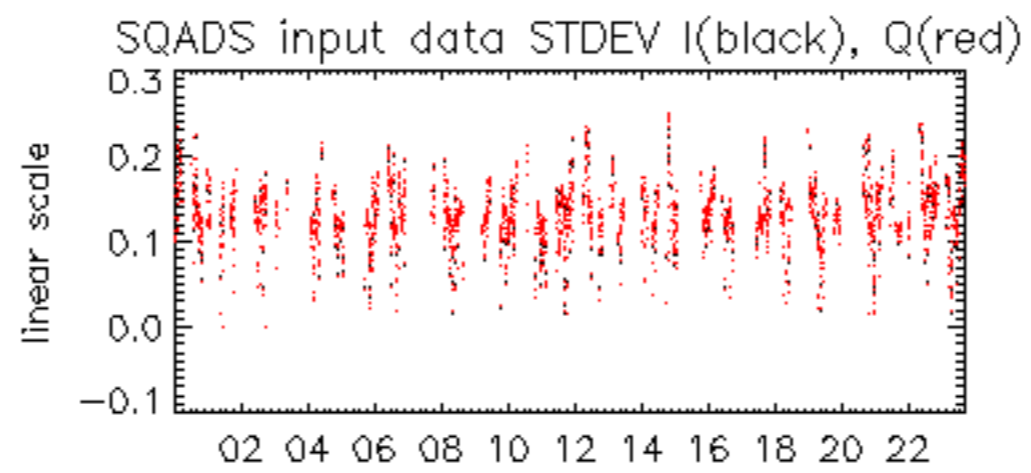
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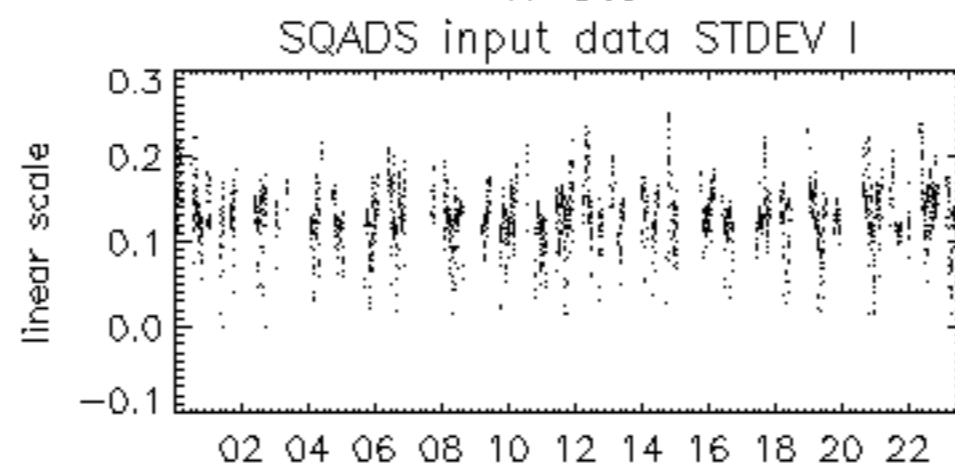
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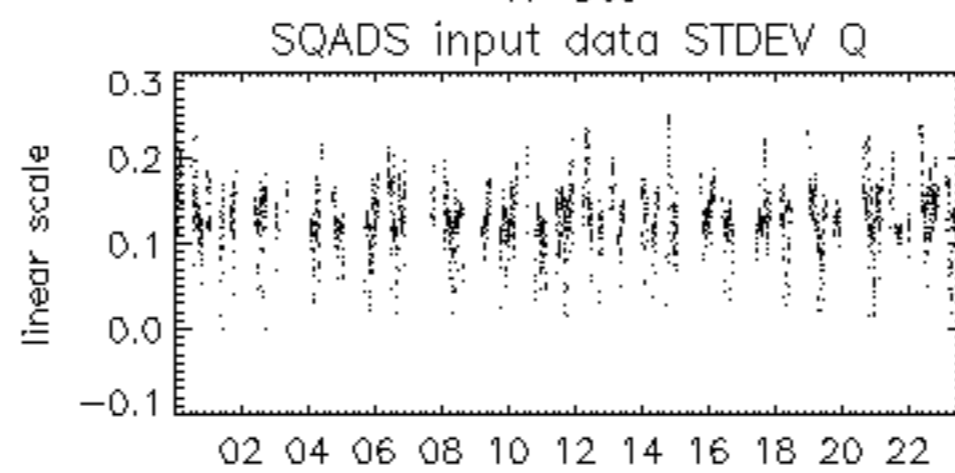
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17-Dec



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