



ASAR Daily Report



Analysis from 24-JUL-2009 00:00:00 to 24-JUL-2009 23:59:59. Page generated on 25-JUL-2009 07:44:23.
View log file: ASAR_Daily_Report_20090725_0730.log. For any anomalies please contact mtranfaglia@serco.it, Emma.Griffiths@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	36	PDE	IS1	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	81	PDK	2009-07-24 05:55:03	V	320
PDE	IS2	V/V	22	PDK	WS	H/H	50	PDE	IS4	V/V	1	PDE	IS2	H/H	8	PDE	WS	V/V	25				
PDK	IS2	V/V	28					PDE	IS2	V/V	11	PDE	IS2	H/H	12								
								PDE	IS2	V/V	1	PDK	WS	H/H	3								
								PDE	IS4	V/V	1												
								PDE	IS5	V/V	2												
								PDE	IS6	H/H	3												
								PDK	IS2	H/H	1												
								PDK	IS2	V/V	1												

1.2 - Lists of products used

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[[TXT](#)] [[XLS](#)] [List_WVS_products_used](#)
 [[TXT](#)] [[XLS](#)] [List_GM1_products_used](#)
 [[TXT](#)] [[XLS](#)] [List_APM_products_used](#)
 [[TXT](#)] [[XLS](#)] [List_IMM_products_used](#)
 [[TXT](#)] [[XLS](#)] [List_WSM_products_used](#)
 [[TXT](#)] [[XLS](#)] [List_MS_products_used](#)

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

2.2 - Products with wrong ADFs

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

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

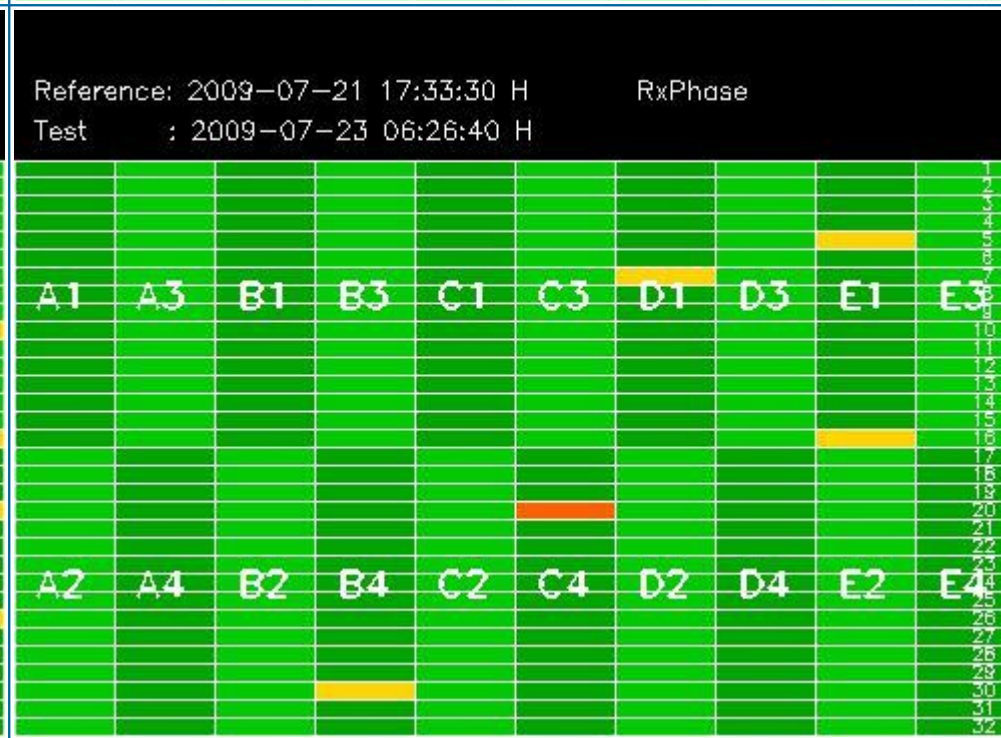
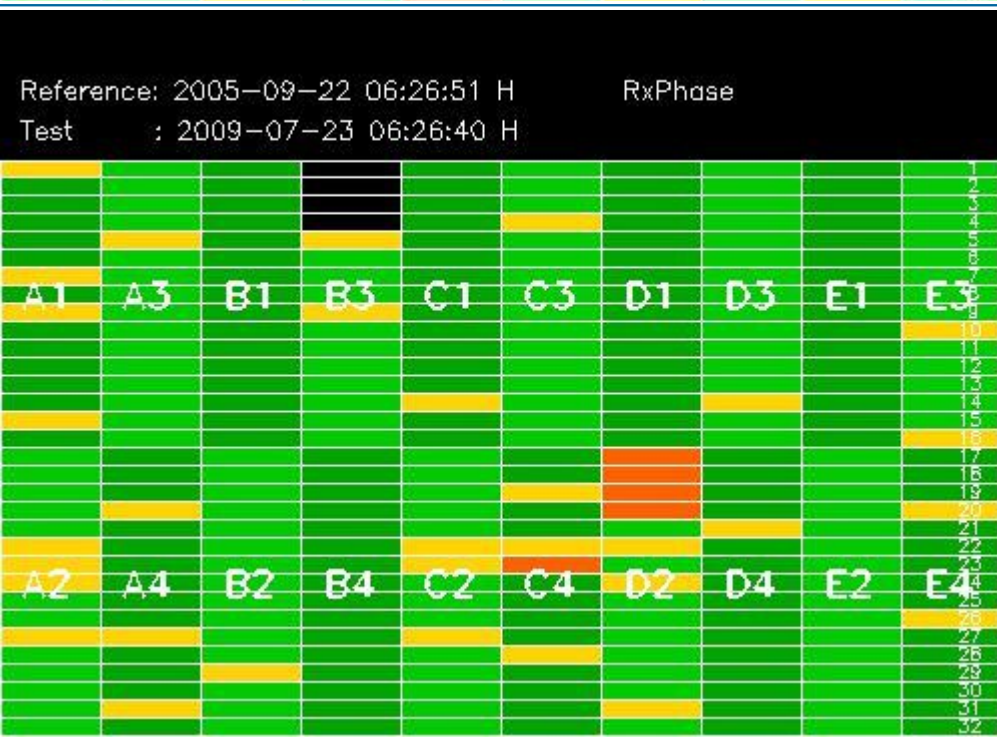
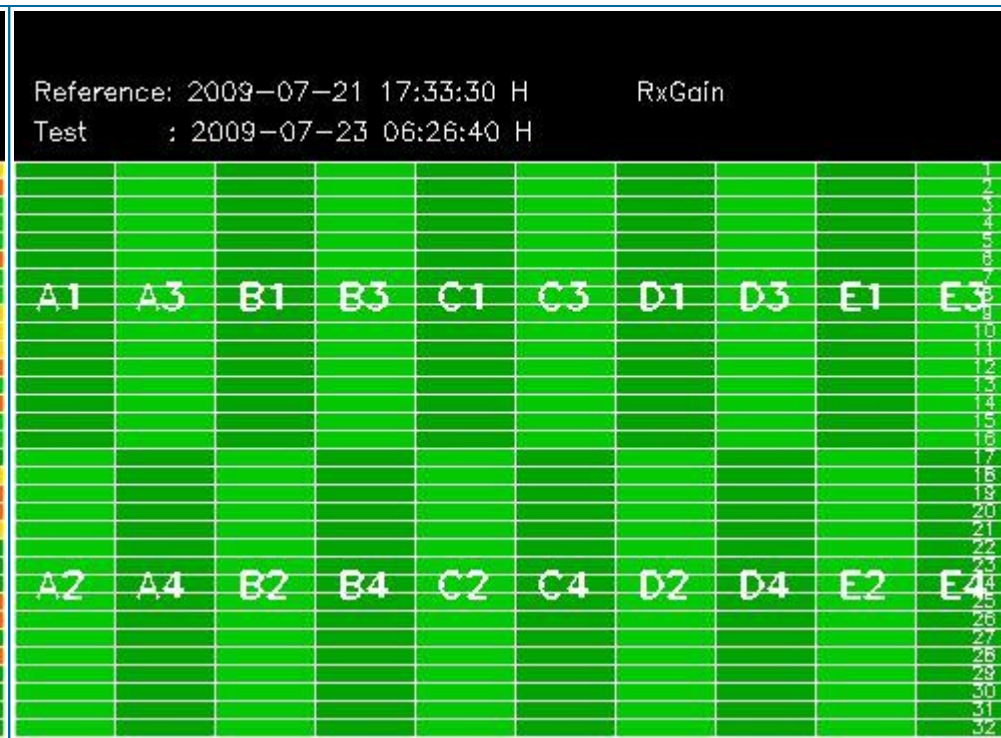


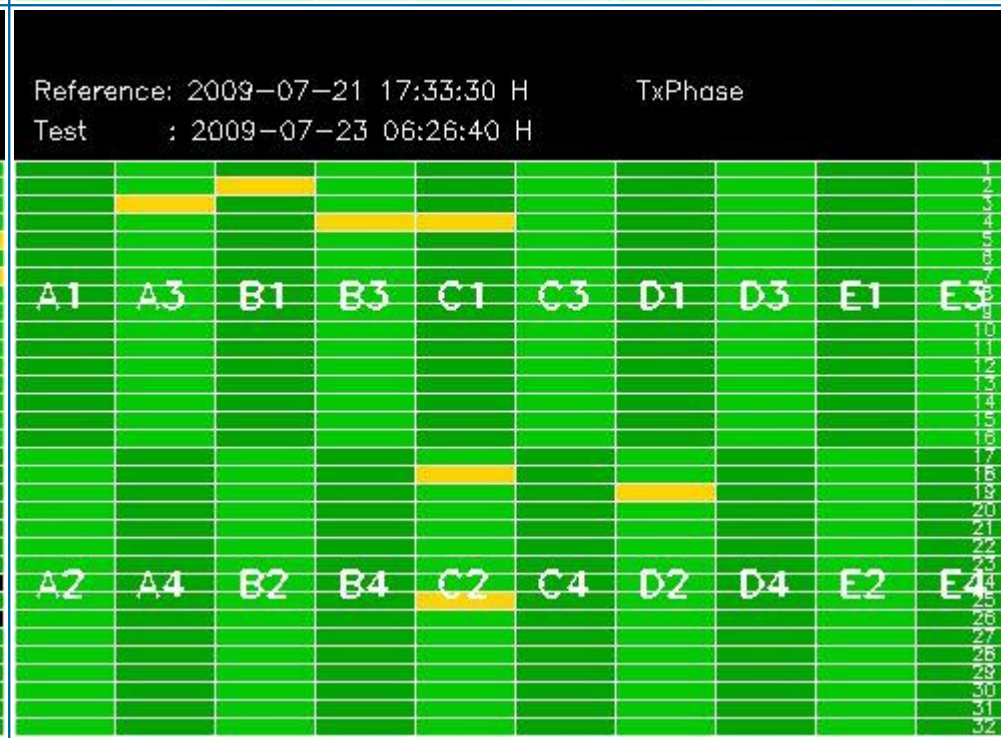
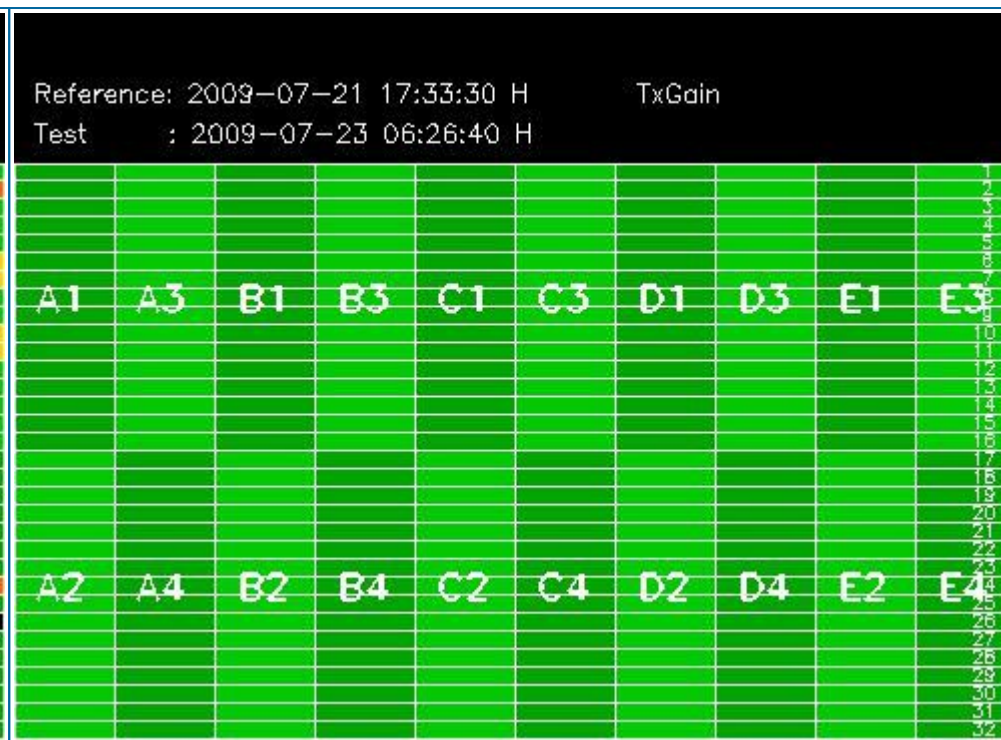
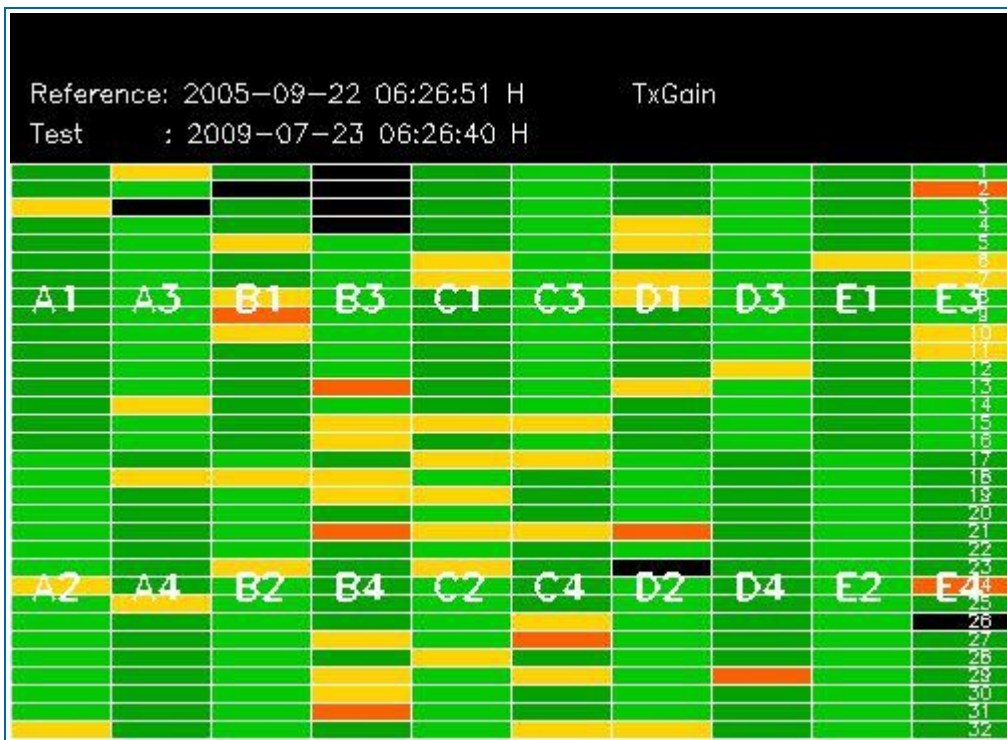


3.2 - H/H polarisation

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

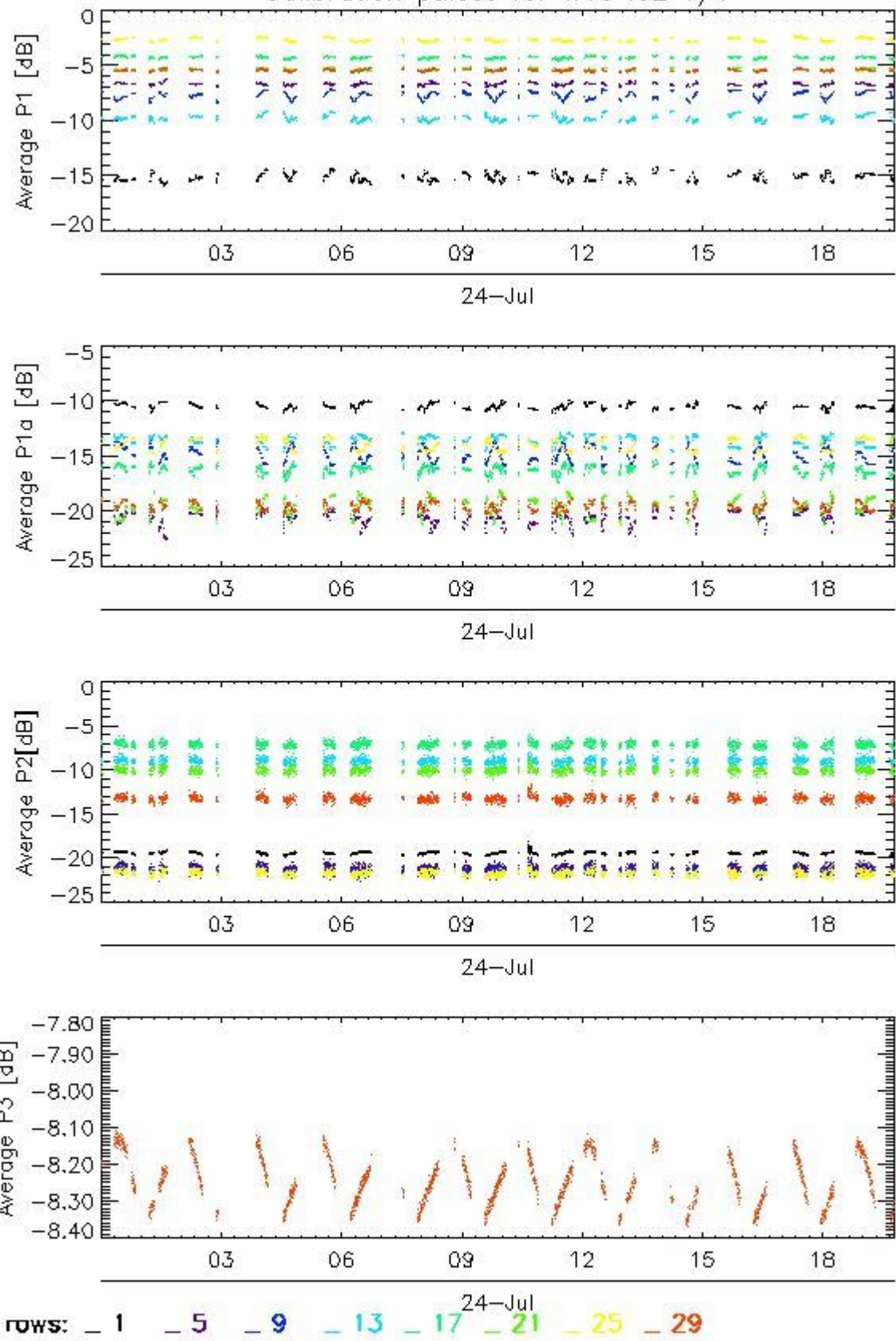
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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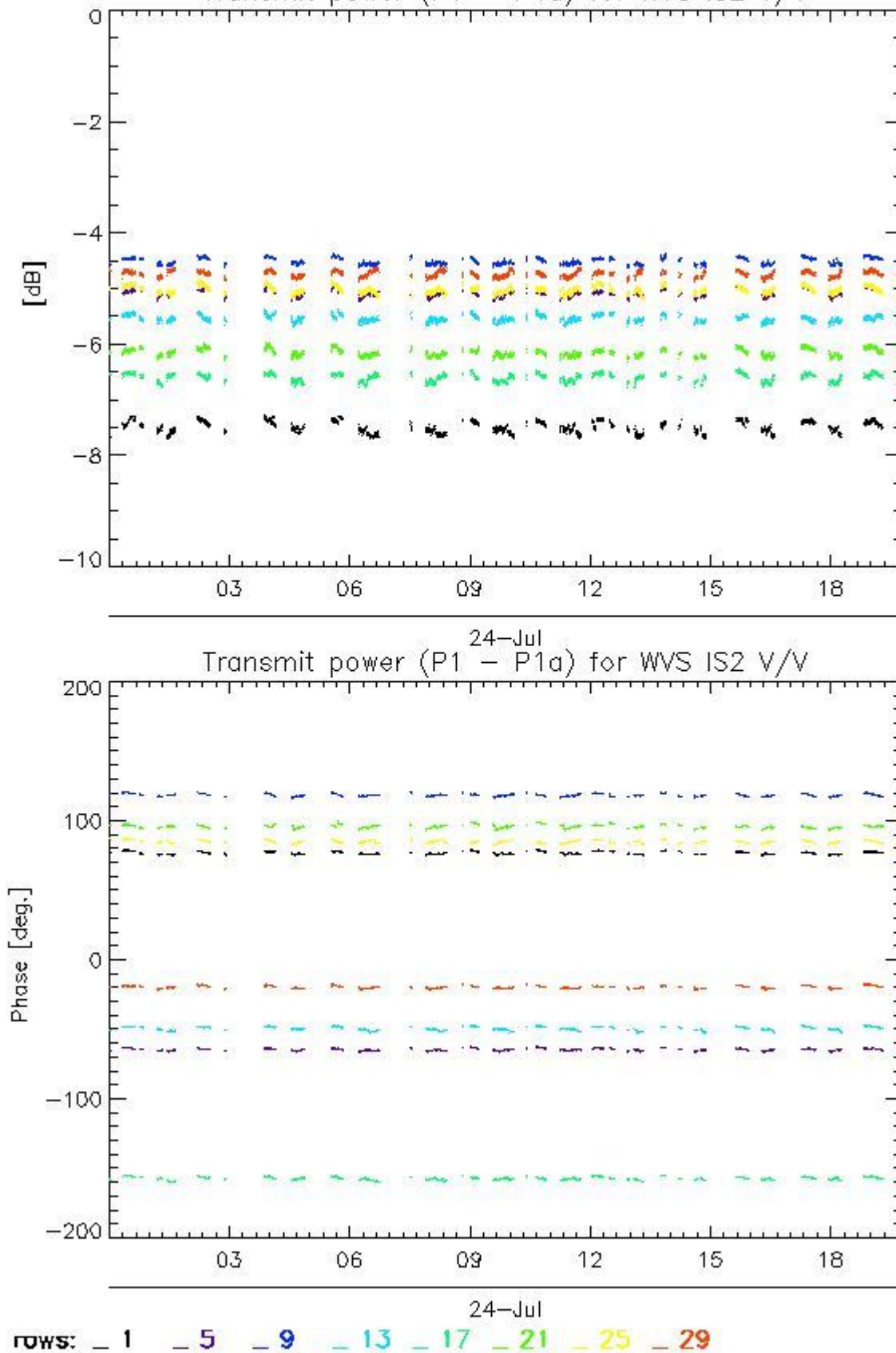
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



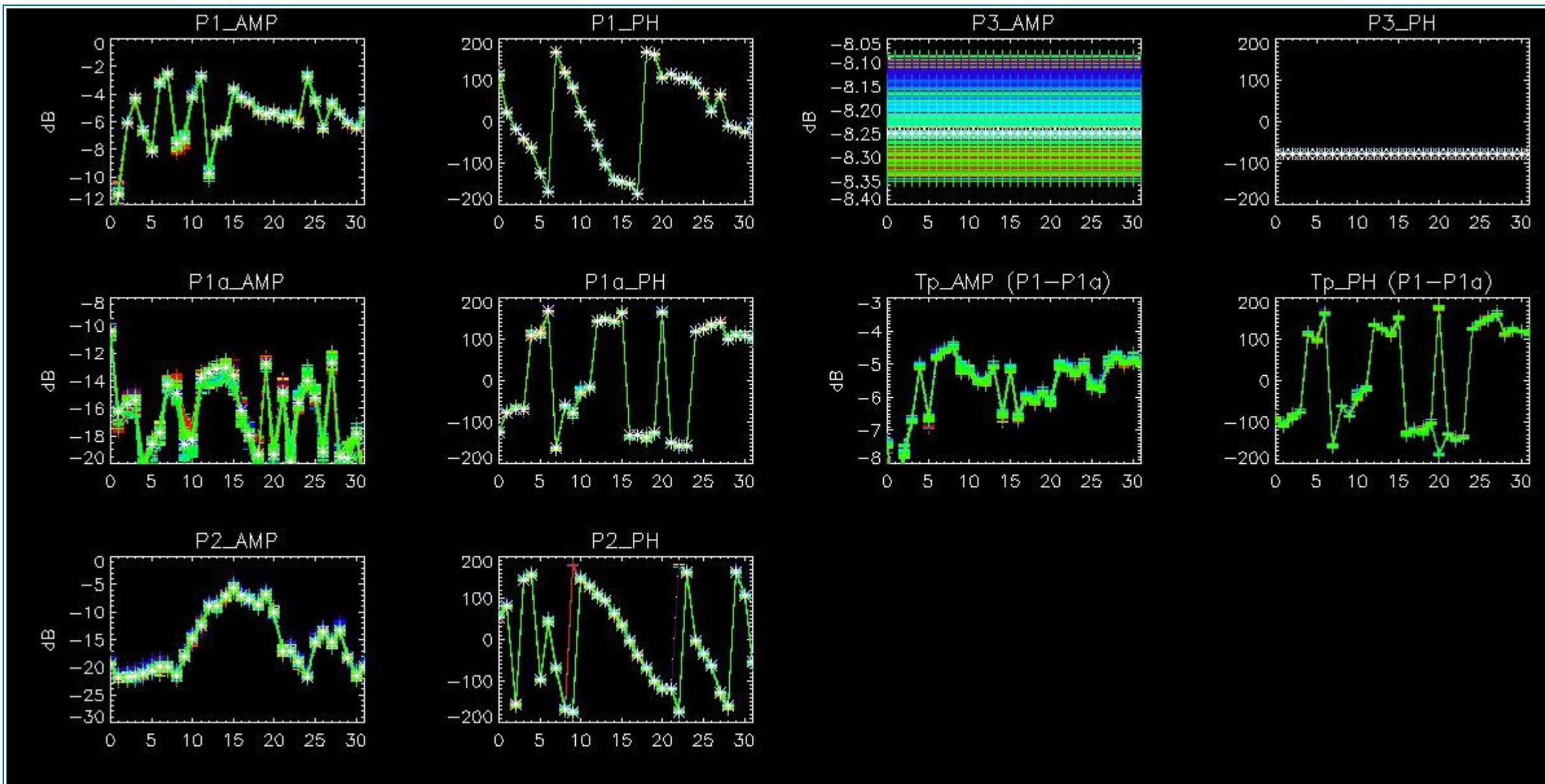
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

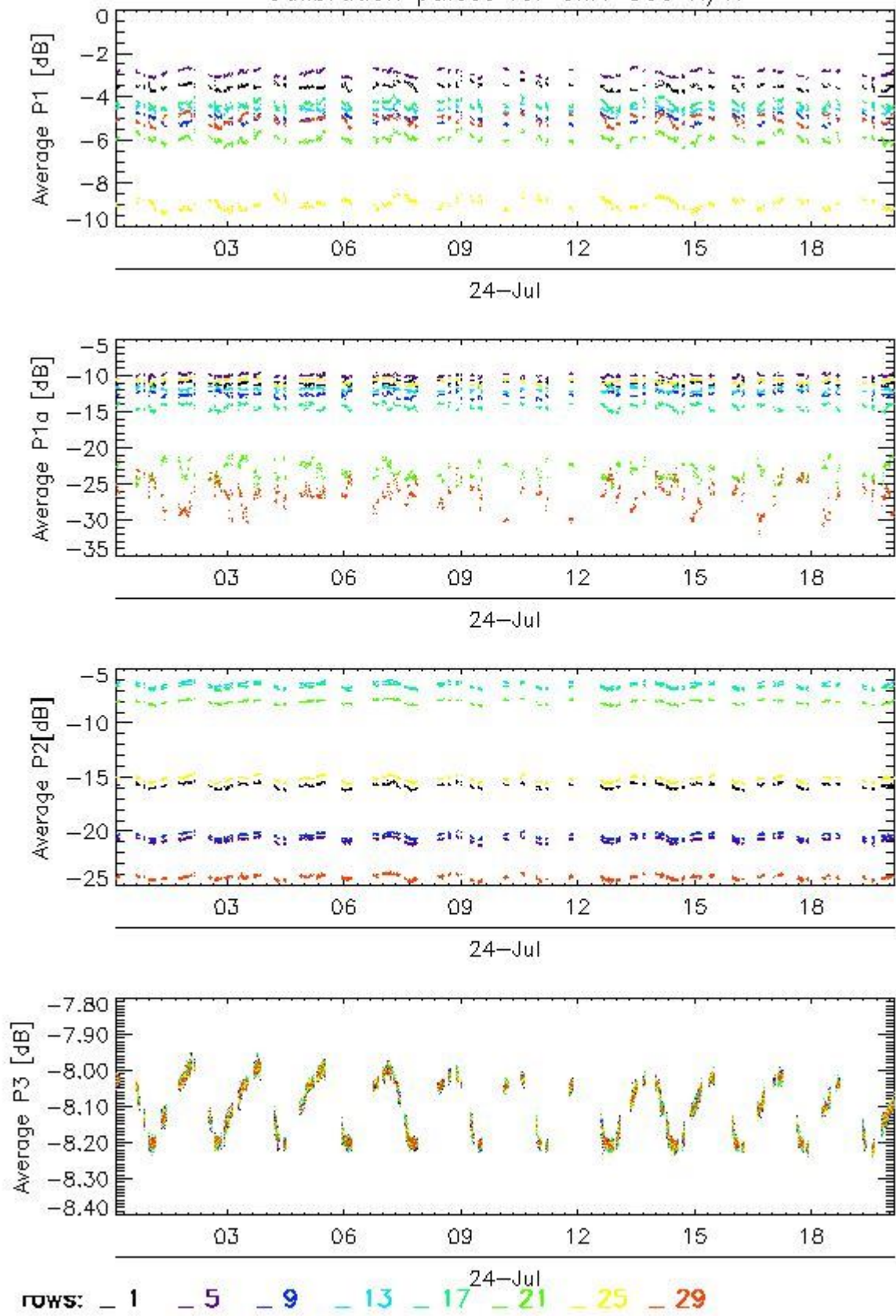
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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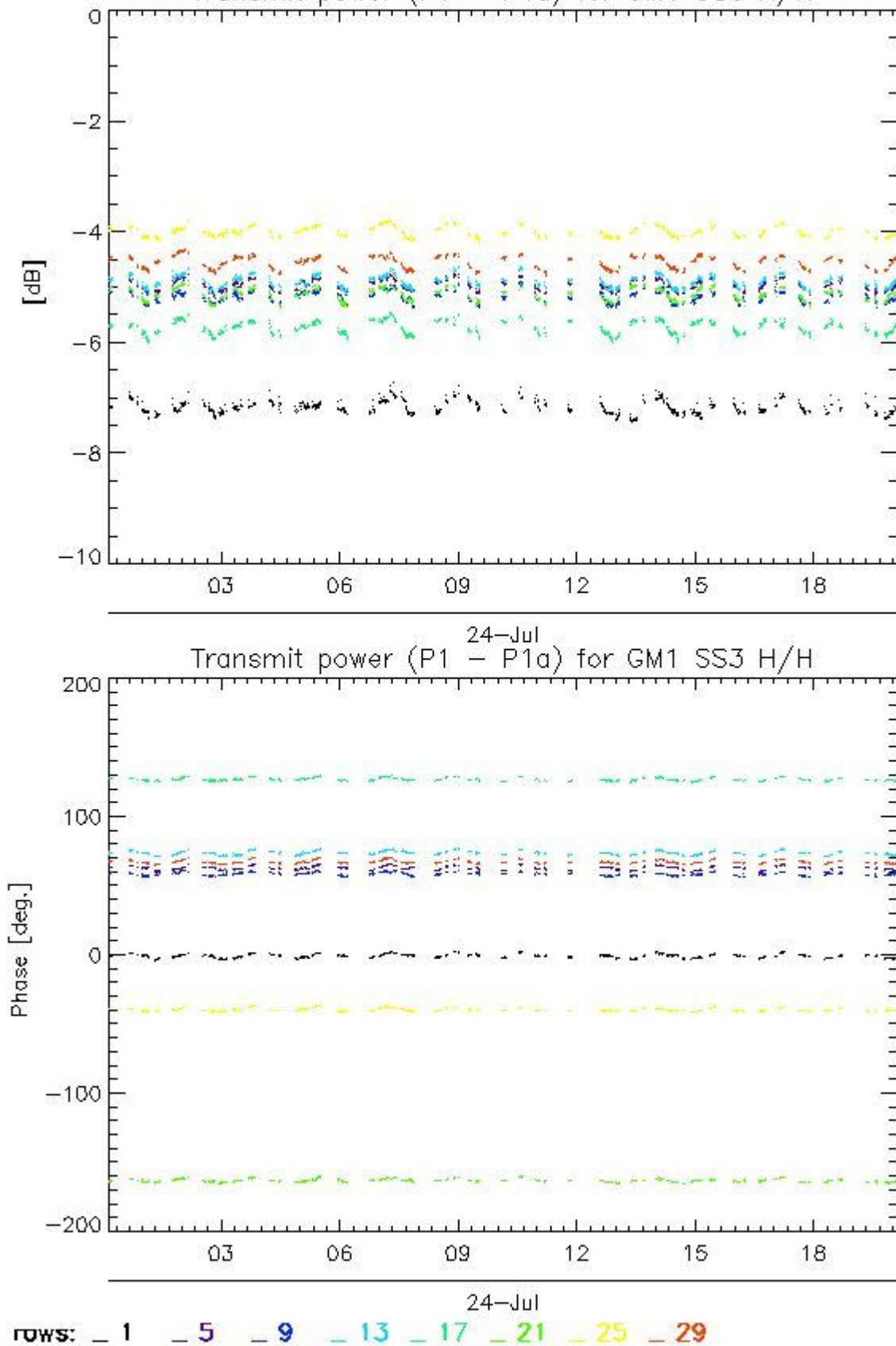
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



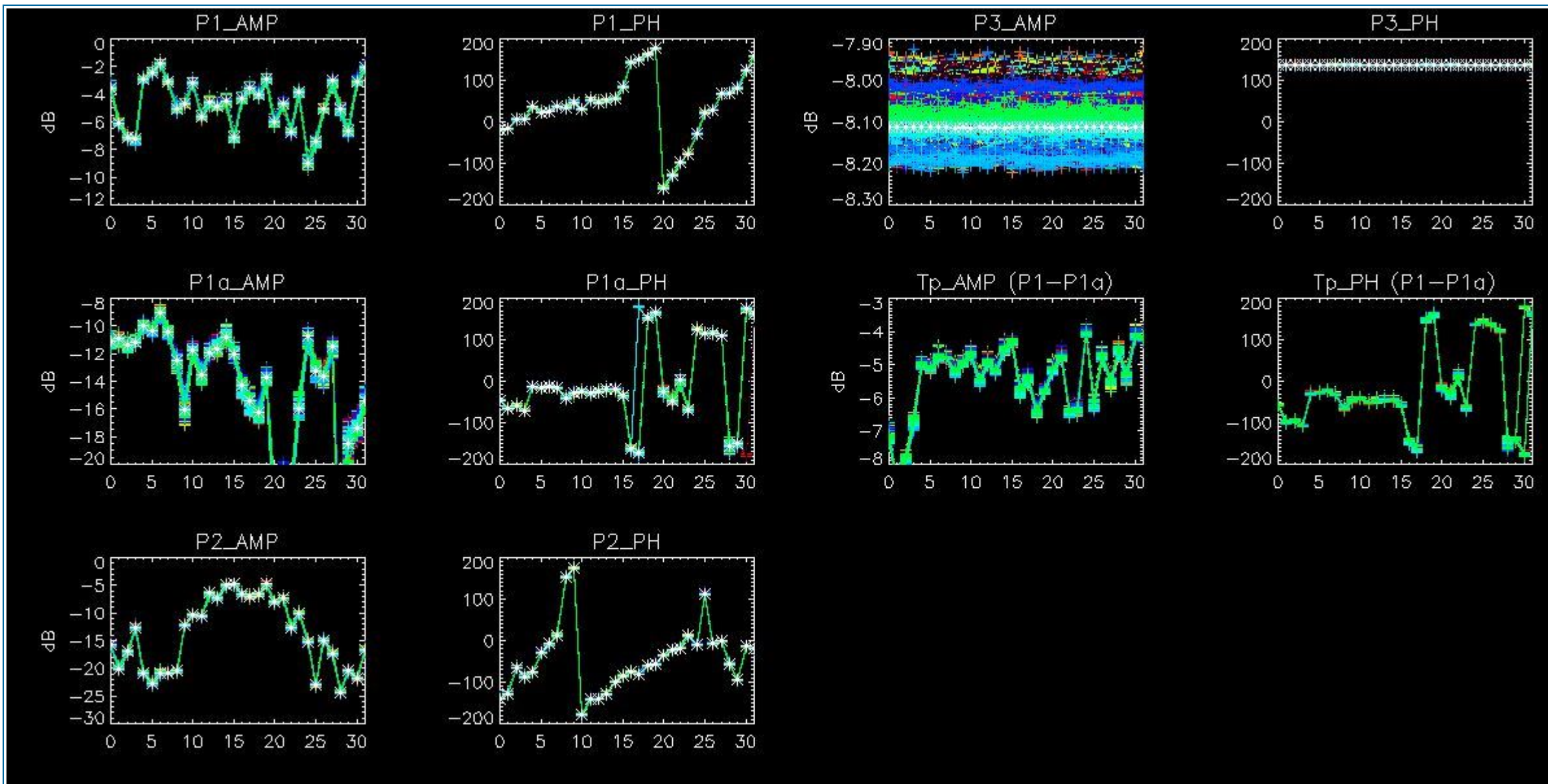
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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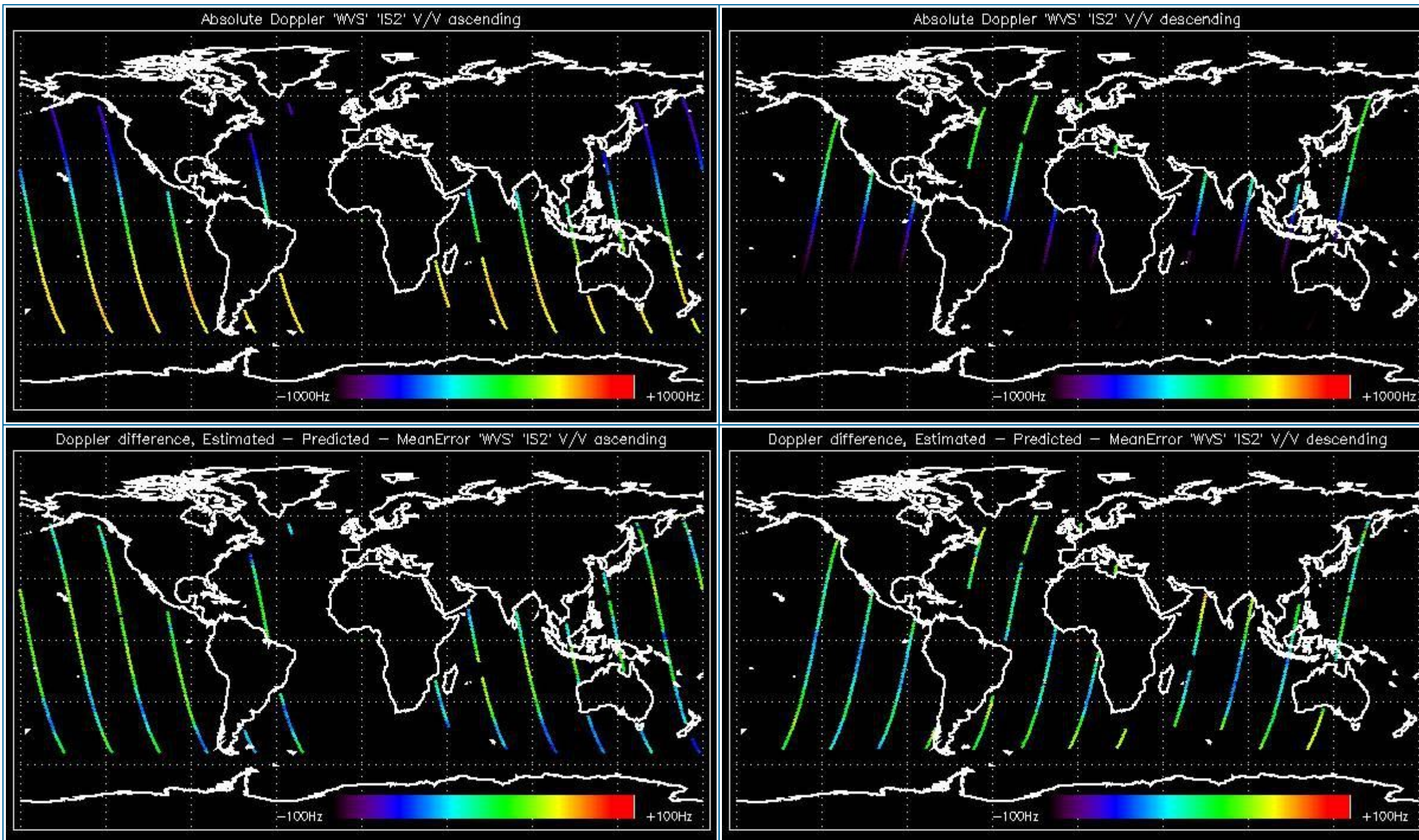
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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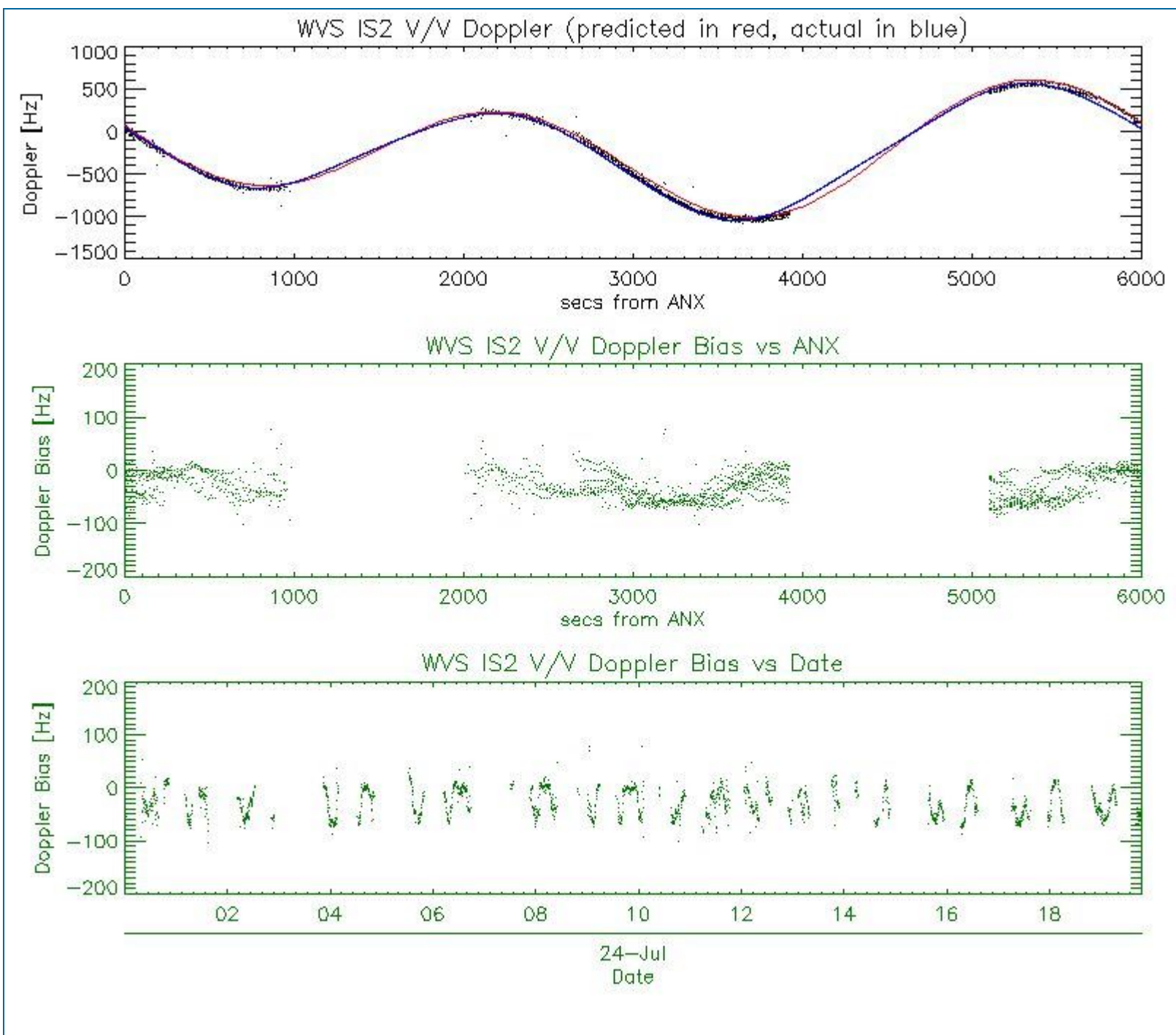




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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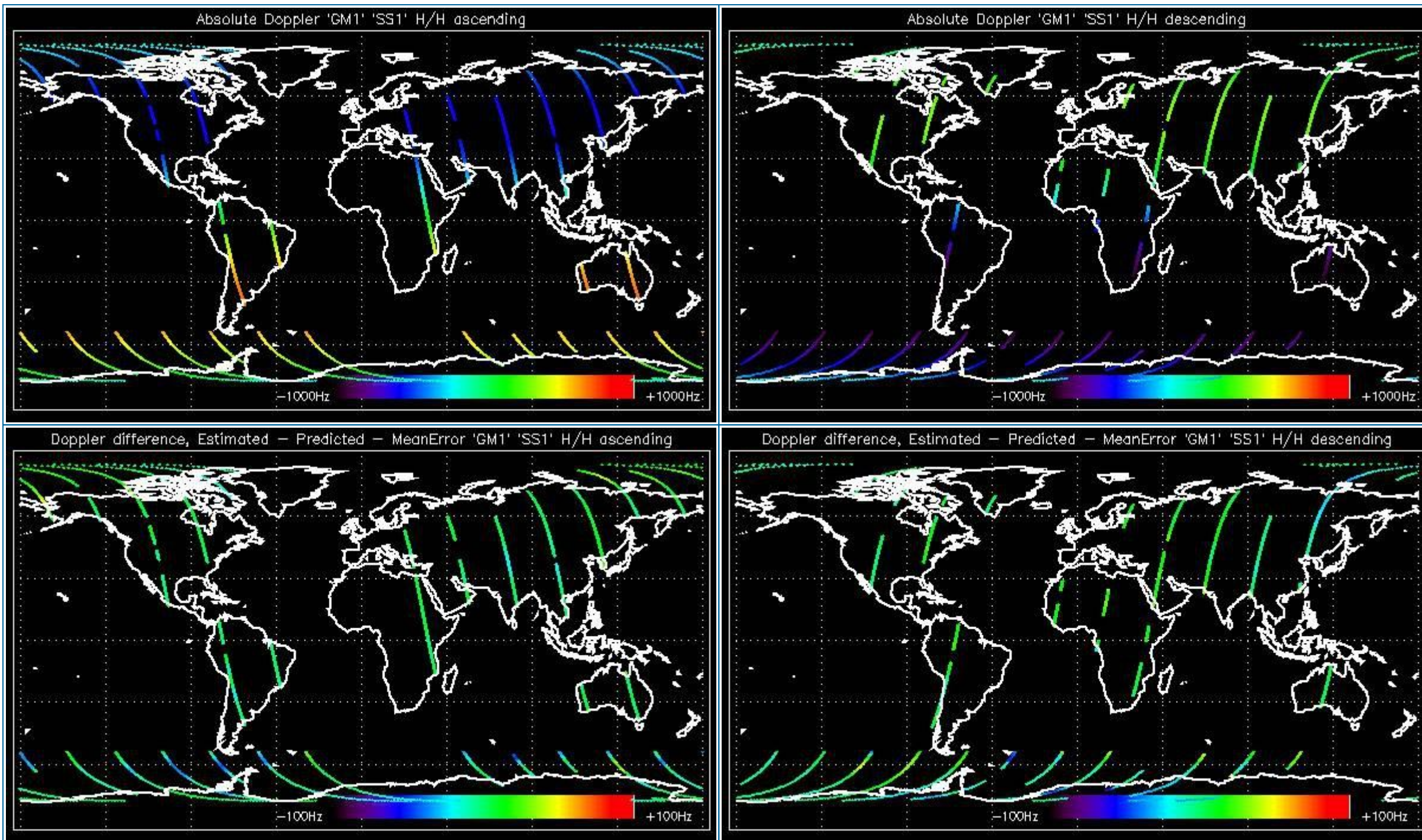


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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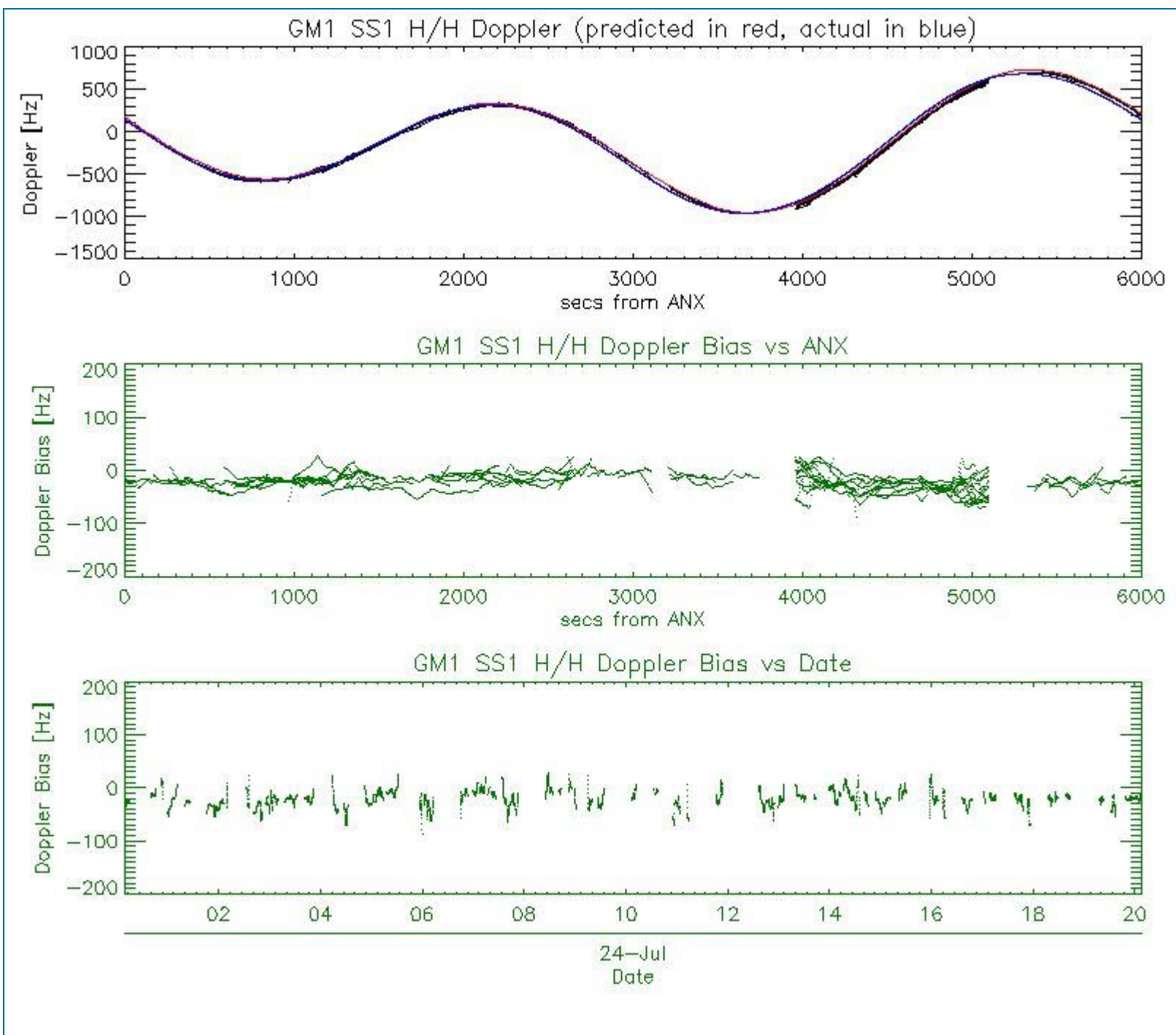




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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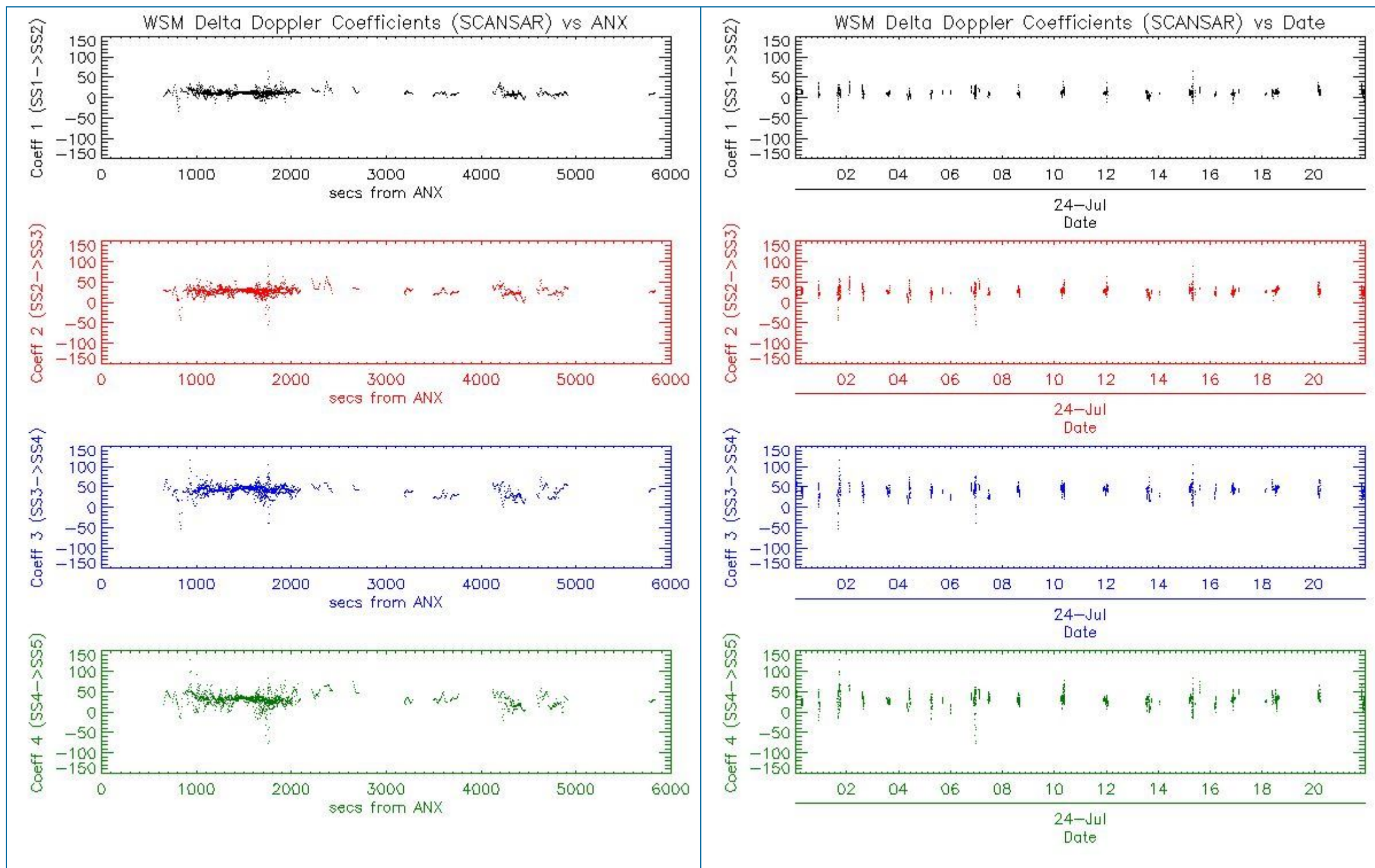




5.3 - Doppler JUMPS Analysis for WSM

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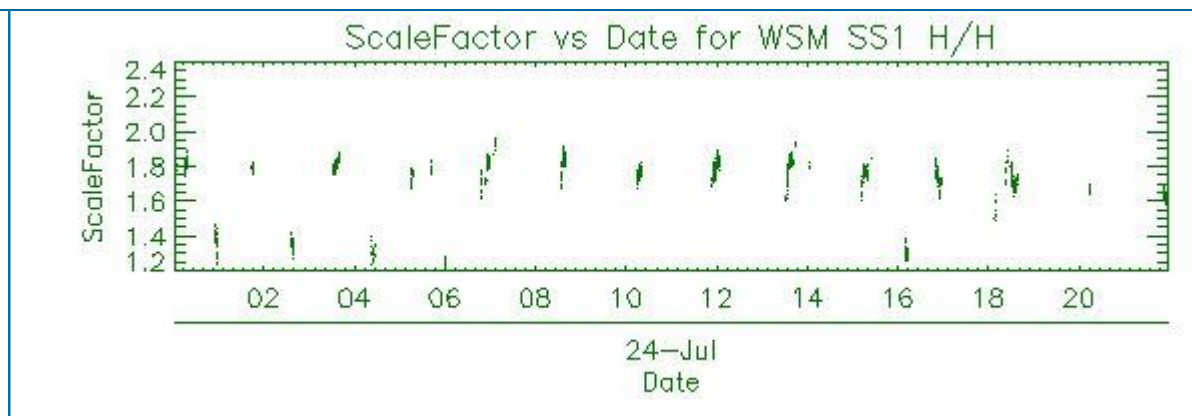
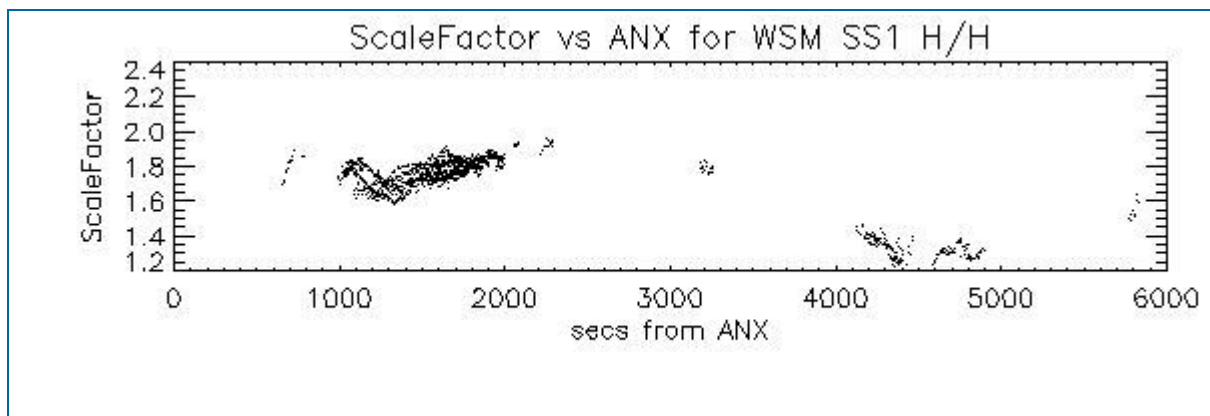
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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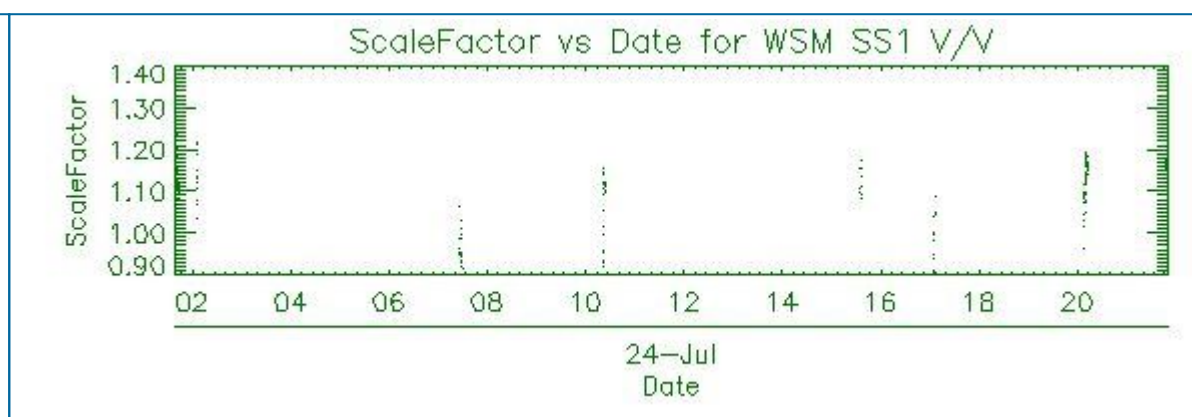
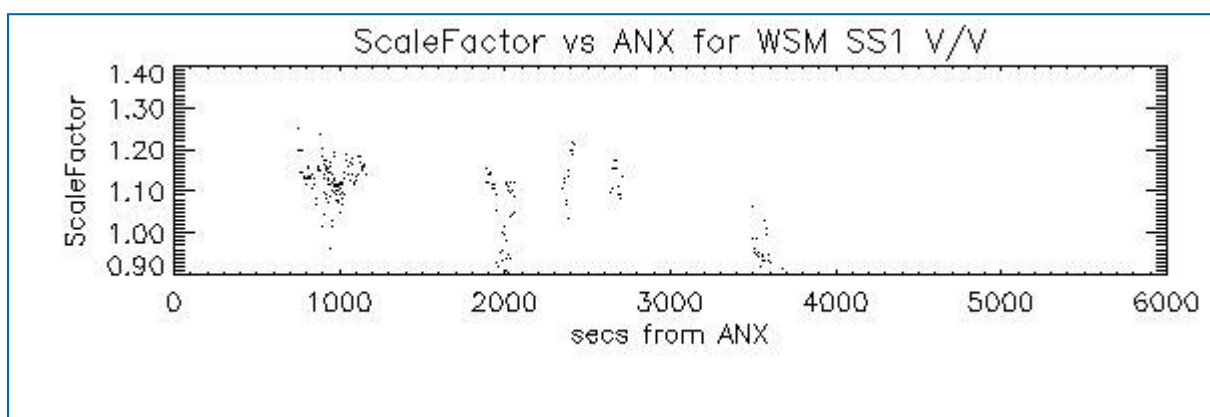




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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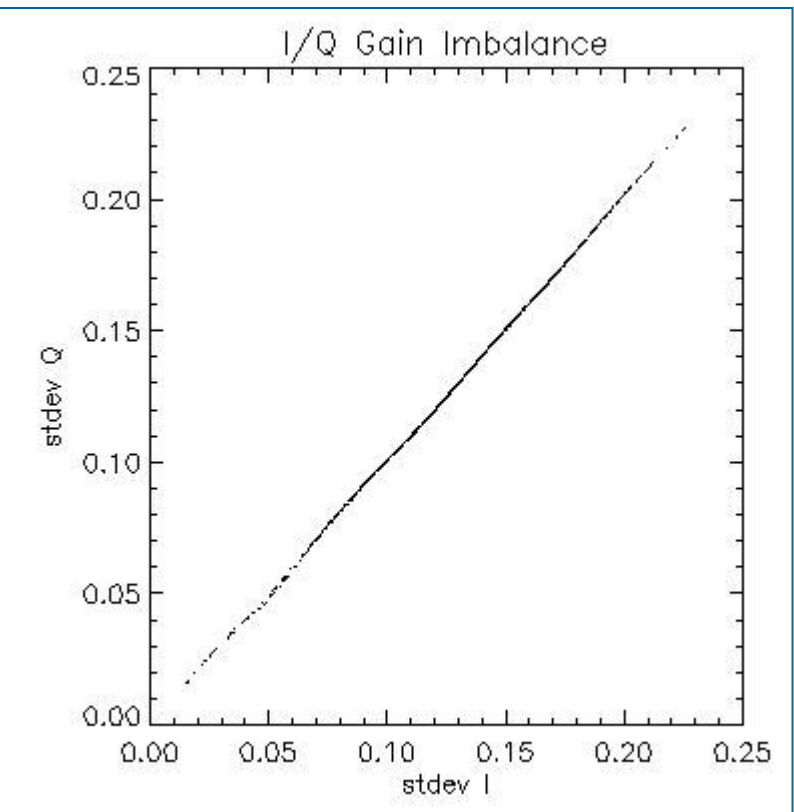
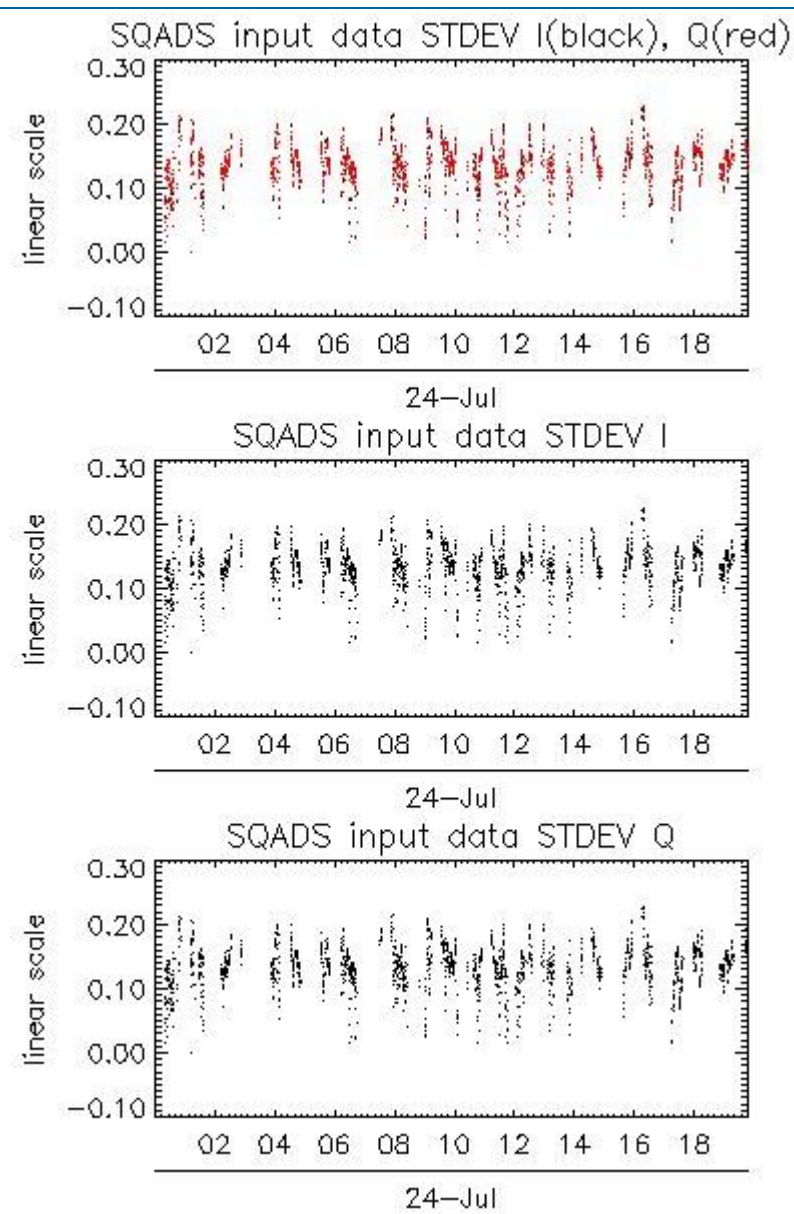
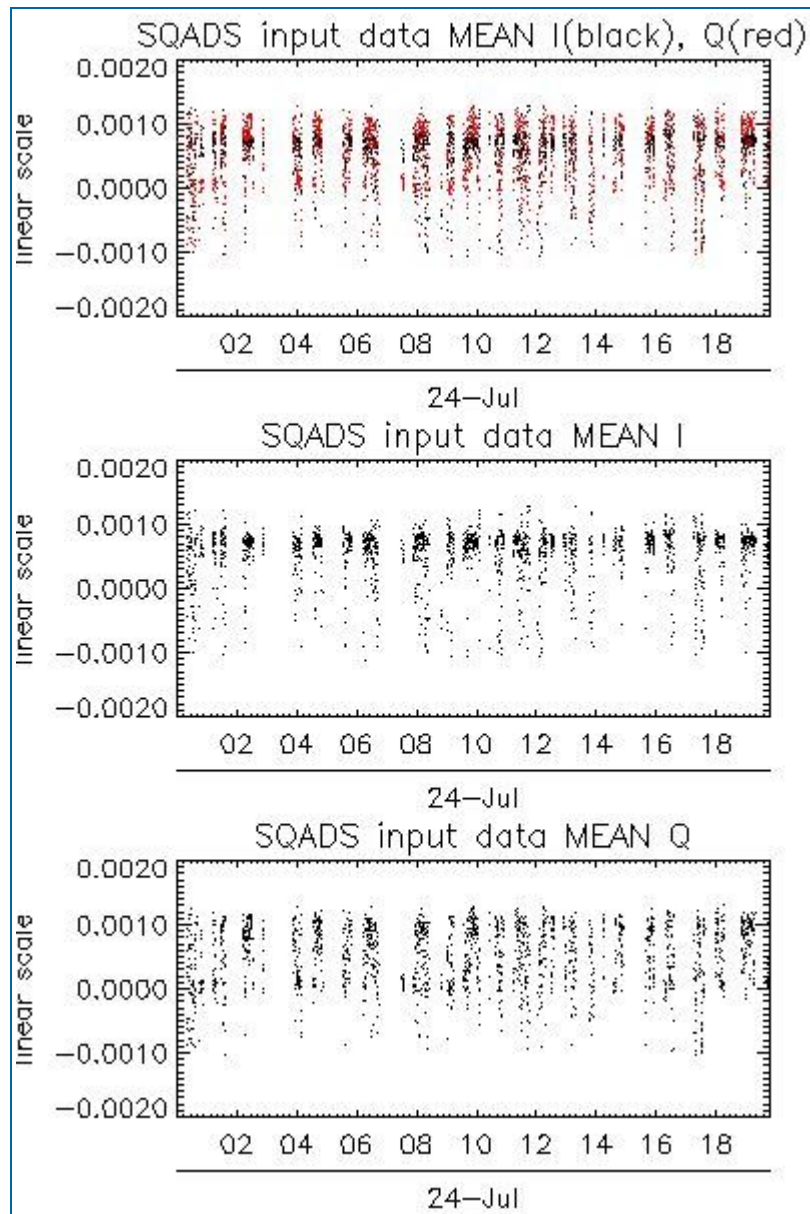


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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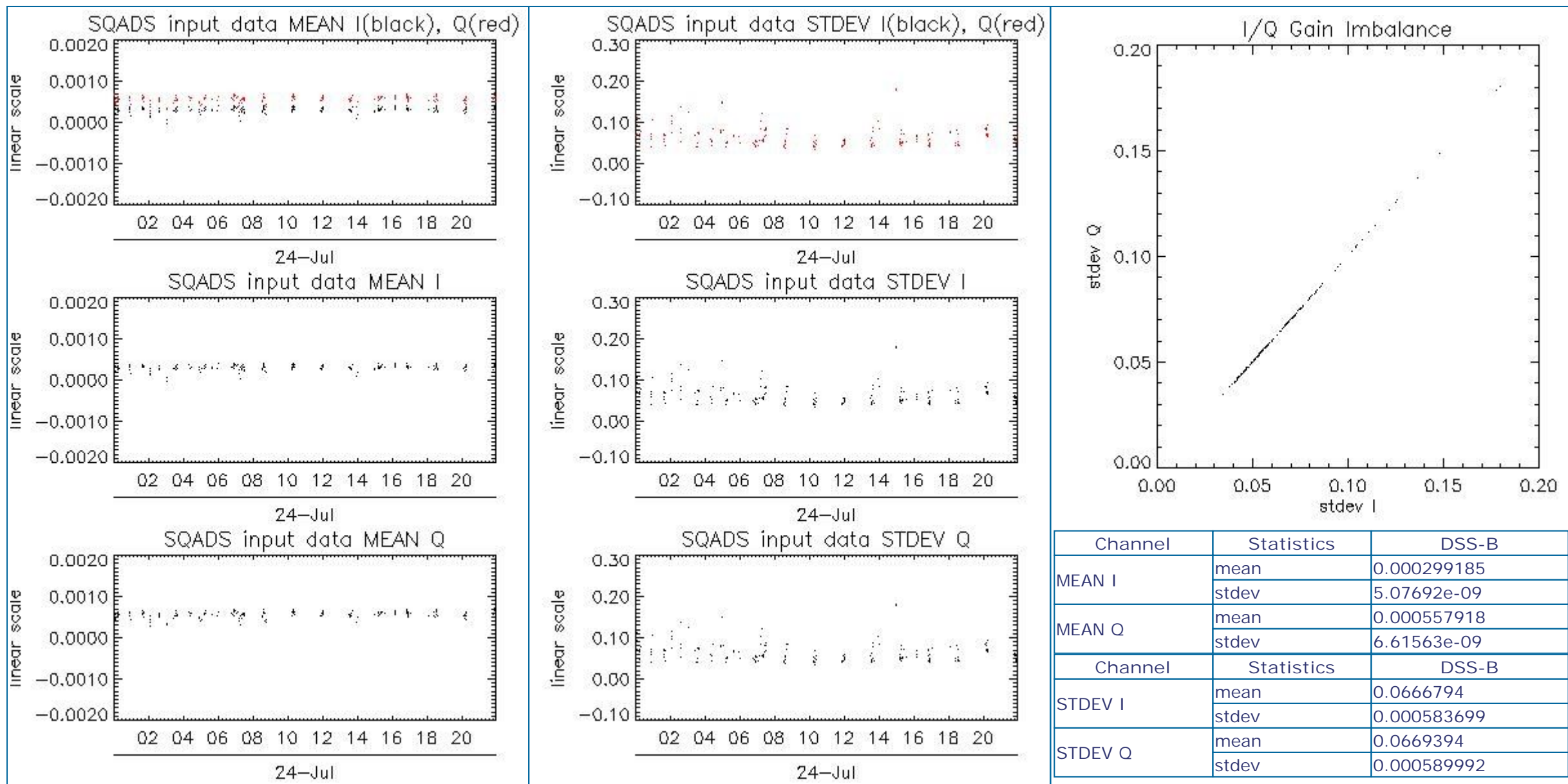


Channel	Statistics	DSS-B
MEAN I	mean	0.000536869
	stdev	1.76425e-07
MEAN Q	mean	0.000519356
	stdev	2.37277e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.133400
	stdev	0.00113915
STDEV Q	mean	0.133759
	stdev	0.00115323

7.2 - Analysis for IMM

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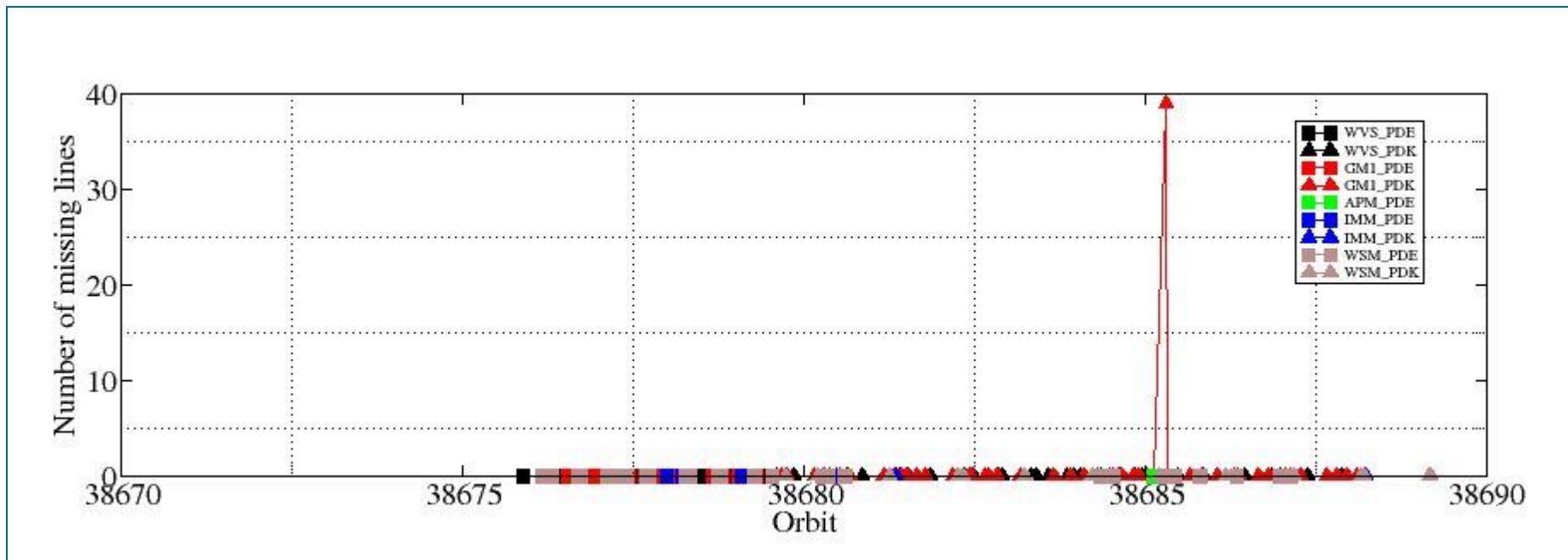
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_GM1_1PNPDK20090724_152146_00000842081_00054_38685_2505.N1	0	39

8.1 - Number of Missing lines

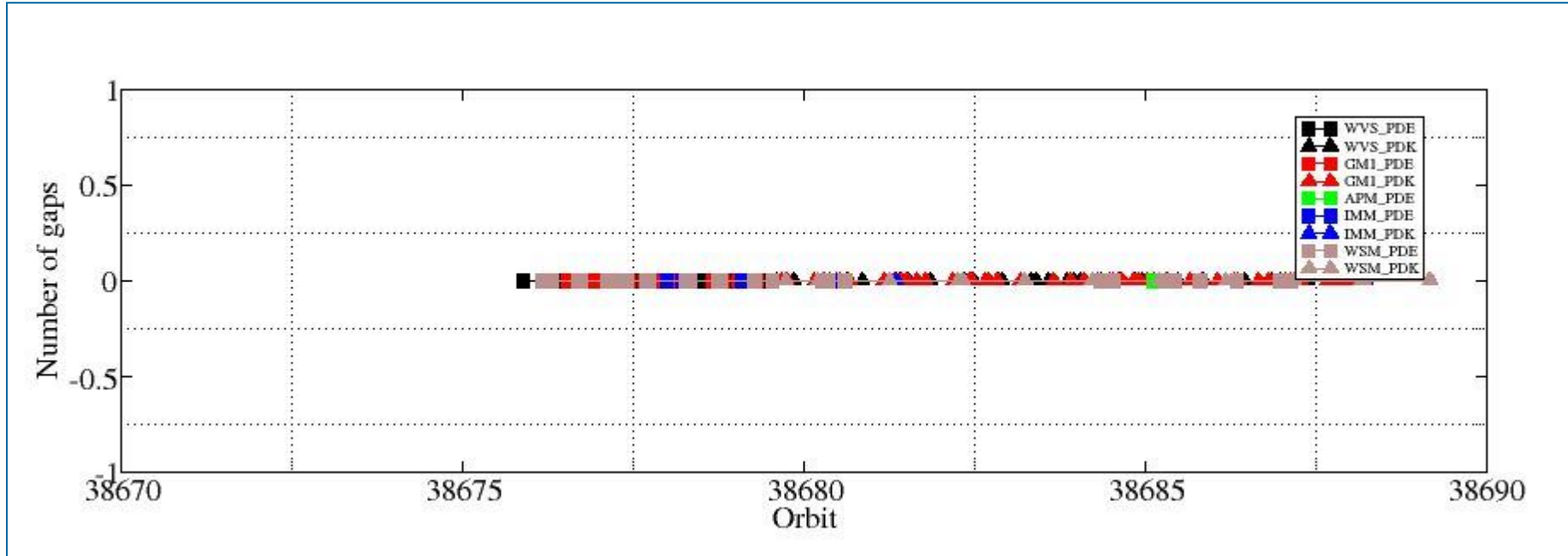
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 090724
#####

MODE: DAILY
ANALYSIS: ALL
DATE: TODAY

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/

DATA SUMMARY

Summary will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090724/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/AUXILIARY

Creating directory ./RESULTS/DAILY/090724/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20090724_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/090724/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090724/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20090724_001935_000011562081_00045_38676_1290.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_004541_000003302081_00045_38676_0627.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_0616.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011251_000003602081_00045_38676_0728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011251_000003602081_00045_38676_1080.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_012644_000006742081_00046_38677_0950.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_021159_000011392081_00046_38677_0711.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_021159_000011392081_00046_38677_0932.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_023044_000000602081_00046_38677_0345.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_023044_000000602081_00046_38677_0532.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_025127_000001802081_00046_38677_0330.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_025127_000001802081_00046_38677_0363.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_035151_000009742081_00047_38678_0321.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_035151_000009742081_00047_38678_0360.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_040751_000001052081_00047_38678_0100.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_043203_000011542081_00047_38678_0438.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_053146_000004942081_00048_38679_0416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_054213_000003742081_00048_38679_0075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_054758_000001052081_00048_38679_1585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_061239_000018592081_00048_38679_1611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_073053_000001502081_00049_38680_1680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_075315_000018742081_00049_38680_1742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_084859_000000592081_00050_38681_1932.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_090046_000007942081_00050_38681_1826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_093351_000019192081_00050_38681_1836.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_102355_000000602081_00051_38682_2036.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_103804_000009892081_00051_38682_2039.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_111426_000001052081_00051_38682_2028.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_111838_000016342081_00051_38682_2063.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_120331_000003002081_00052_38683_2177.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_121003_000006142081_00052_38683_2180.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_122806_000004352081_00052_38683_2183.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_125502_000002252081_00052_38683_2193.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_130616_000005692081_00052_38683_2190.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_131648_000001642081_00053_38684_2247.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_134537_000004942081_00053_38684_2389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_141305_000001652081_00053_38684_2392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_143538_000003002081_00053_38684_2395.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_144512_000004792081_00053_38684_2408.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_153841_000010642081_00054_38685_2512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_161614_000011542081_00054_38685_2525.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_175723_000005852081_00055_38686_2728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_180923_000004192081_00055_38686_2737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_GM1.xls...


```
ASA_GM1_1PNPDK20090724_152449_000003802081_00054_38685_2507.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_155711_000006642081_00054_38685_2509.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_161314_000001812081_00054_38685_2514.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_163607_000007492081_00055_38686_2522.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_170142_000001262081_00055_38686_2721.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_170759_000004592081_00055_38686_2723.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_173747_000006102081_00055_38686_2725.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_175301_000002052081_00055_38686_2732.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_181712_000003622081_00056_38687_2734.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_182552_000001992081_00056_38687_2739.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20090724_071855_000001512081_00049_38680_0511.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20090724_000502_000000632081_00045_38676_0381.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1059.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1374.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000705_000000602081_00045_38676_0911.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000705_000001052081_00045_38676_0629.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0316.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0649.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_0420.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_1310.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000622081_00046_38677_0645.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000792081_00046_38677_0357.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000792081_00046_38677_1057.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_032737_000000382081_00047_38678_0199.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_032737_000000382081_00047_38678_0633.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045615_000001142081_00048_38679_0418.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045719_000000502081_00048_38679_0058.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045941_000000432081_00048_38679_0470.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_050302_000000622081_00048_38679_9988.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_071408_000000632081_00049_38680_0704.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_071408_000000632081_00049_38680_1024.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_071611_000000272081_00049_38680_0708.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090724_084356_000001622081_00050_38681_1822.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0375.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0905.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0954.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_1285.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_001416_000000732081_00045_38676_0450.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_001530_000002322081_00045_38676_1431.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_001631_000001162081_00045_38676_0631.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090724_001726_000000612081_00045_38676_1184.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```


MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_00000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDK20090723_062640_00000162081_00034_38665_0850.N1
H
H

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090723_062640-20050922_062651.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090723_062640-20050922_062651.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090723_062640-20050922_062651.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090723_062640-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_00000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDK20090724_055503_00000162081_00048_38679_0851.N1
V
V

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090724_055503-20050923_055514.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090724_055503-20050923_055514.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090724_055503-20050923_055514.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090724_055503-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20090721_173330_00000162081_00012_38643_0849.N1
Test product: ASA_MS__0PNPDK20090723_062640_00000162081_00034_38665_0850.N1
H
H

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090723_062640-20090721_173330.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090723_062640-20090721_173330.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090723_062640-20090721_173330.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090723_062640-20090721_173330.png

Polarization: V
Reference product: ASA_MS__0PNPDK20090720_180507_00000162080_00499_38629_0848.N1
Test product: ASA_MS__0PNPDK20090724_055503_00000162081_00048_38679_0851.N1
V
V

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090724_055503-20090720_180507.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090724_055503-20090720_180507.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090724_055503-20090720_180507.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090724_055503-20090720_180507.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090724/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_1.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_2.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_3.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_4.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/090724//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 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_1.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_2.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_3.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 21:00:01. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_4.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../.././RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...



CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090724/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...

Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_data_WVS_IS2_VV_2009-07-24.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/090724/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...

Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_data_GM1_SS1_HH_2009-07-24.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/090724/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-07-24 00:00:00 to 2009-07-24 21:00:01

Analysing by default products WSM

Getting doppler jumps data for WSM from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...

Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_Jumps_data_WSM_2009-07-24.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/090724/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../.././RESULTS/DAILY/090724/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01

Analysing products WVS IS2 V/V

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -30.795510 Hz

Writing file ../.././RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../.././RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -27.351973 Hz

Writing file ../.././RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../.././RESULTS/DAILY/090724//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 = -19.308381 Hz
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -25.643057 Hz
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/090724/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-07-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-07-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/RAW_DATA

Creating directory ./RESULTS/DAILY/090724/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_2009-07-24.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2009-07-24 00:00:00 to 2009-07-24 21:00:01...
Writing file ./RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_2009-07-24.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

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

```
TELEMETRY ANALYSIS
#####
Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 21:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090724/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/090724/TELEMETRY...
```

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

```
Checking 18 products from PDE...
Checking 25 products from PDK...
```

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

```
Checking 30 products from PDE...
Checking 45 products from PDK...
Found product...ASA_GM1_1PNPDK20090724_152146_00000842081_00054_38685_2505.N1 / 0 gaps / 39 missing lines
```

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

```
Checking 1 products from PDE...
No products from PDK...
```

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

```
Checking 21 products from PDE...
Checking 1 products from PDK...
```

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

```
Checking 63 products from PDE...
Checking 6 products from PDK...
```

```
Creating graph of missing lines and gaps...
*****
Creating image: ./RESULTS/DAILY/090724/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/090724/TELEMETRY/TELEMETRY_Gaps.png...
```

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

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2009-07-24

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20090724/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_055621_000001992081_00048_38679_1581.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_060127_000006702081_00048_38679_1594.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_064418_000001992081_00049_38680_1596.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_064912_000002772081_00049_38680_1598.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_065921_000003442081_00049_38680_1672.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_070643_000004472081_00049_38680_1674.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_071648_000001262081_00049_38680_1676.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_072148_000002712081_00049_38680_1678.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_073408_000011422081_00049_38680_1779.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_082507_000005132081_00050_38681_1692.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_084042_000001932081_00050_38681_1935.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_085222_000002172081_00050_38681_1926.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_085921_000000842081_00050_38681_1922.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_091448_000002952081_00050_38681_1924.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_092647_000004222081_00050_38681_1829.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_100631_000003742081_00051_38682_1887.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_103146_000000842081_00051_38682_2049.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_103458_000001872081_00051_38682_2003.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_105524_000001502081_00051_38682_2005.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_105945_000002412081_00051_38682_2007.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_111126_000001812081_00051_38682_2042.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_114632_000004162081_00052_38683_2066.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_123559_000011422081_00052_38683_2277.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_125929_000004042081_00052_38683_2196.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_132018_000006942081_00053_38684_2245.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_134119_000001442081_00053_38684_2381.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_135856_000002112081_00053_38684_2383.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_140406_000003802081_00053_38684_2385.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_141028_000001572081_00053_38684_2387.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_141635_000011422081_00053_38684_2588.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_143206_000002112081_00053_38684_2400.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_144116_000002352081_00053_38684_2402.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_145359_000004472081_00054_38685_2404.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_150228_000005432081_00054_38685_2406.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_152146_000000842081_00054_38685_2506.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_152449_000003802081_00054_38685_2508.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_155711_000006642081_00054_38685_2510.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_161314_000001812081_00054_38685_2515.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_163607_000007492081_00055_38686_2523.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_170142_000001262081_00055_38686_2722.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_170759_000004592081_00055_38686_2724.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_173747_000006102081_00055_38686_2726.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_175301_000002052081_00055_38686_2733.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_181712_000003622081_00056_38687_2735.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090724_182552_000001992081_00056_38687_2740.N1 ...

ANALYSIS COMPLETED: 45 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20090724/

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

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20090724/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090724_084356_000001622081_00050_38681_1823.N1 ...

ANALYSIS COMPLETED: 1 IM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20090724/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_055943_000000982081_00048_38679_1664.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_064738_000000922081_00049_38680_1666.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_065459_000001902081_00049_38680_1652.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_083343_000004152081_00050_38681_2678.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_101356_000004032081_00051_38682_2130.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_102046_000001902081_00051_38682_2122.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_133155_000005502081_00053_38684_2369.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_151133_000005742081_00054_38685_2731.N1 ...

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_164839_000005502081_00055_38686_2716.N1 ...

ANALYSIS COMPLETED: 9 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/090724/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

#####

ASAR DAILY REPORT for 090724
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090724/

DATA SUMMARY

Summary will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090724/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090724/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/090724/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090724/AUXILIARY

Creating directory ./RESULTS/DAILY/090724/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20090724_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/090724/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090724/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20090724_001935_000011562081_00045_38676_1199.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_001935_000011562081_00045_38676_1290.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_004541_000003302081_00045_38676_0627.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_0616.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_1662.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011251_000003602081_00045_38676_0728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_011251_000003602081_00045_38676_1080.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_012644_000006742081_00046_38677_0950.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_021159_000011392081_00046_38677_0711.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_021159_000011392081_00046_38677_0932.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_023044_000000602081_00046_38677_0345.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_023044_000000602081_00046_38677_0532.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_025127_000001802081_00046_38677_0330.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_025127_000001802081_00046_38677_0363.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_035151_000009742081_00047_38678_0321.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_035151_000009742081_00047_38678_0360.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_040751_000001052081_00047_38678_0100.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_043203_000011542081_00047_38678_0438.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_053146_000004942081_00048_38679_0416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090724_054213_000003742081_00048_38679_0075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_054758_000001052081_00048_38679_1585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_061239_000018592081_00048_38679_1611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_073053_000001502081_00049_38680_1680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_075315_000018742081_00049_38680_1742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_084859_000000592081_00050_38681_1932.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_090046_000007942081_00050_38681_1826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_093351_000019192081_00050_38681_1836.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_102355_000000602081_00051_38682_2036.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_103804_000009892081_00051_38682_2039.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_111426_000001052081_00051_38682_2028.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_111838_000016342081_00051_38682_2063.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_120331_000003002081_00052_38683_2177.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_121003_000006142081_00052_38683_2180.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_122806_000004352081_00052_38683_2183.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_125502_000002252081_00052_38683_2193.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_130616_000005692081_00052_38683_2190.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_131648_000001642081_00053_38684_2247.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_134537_000004942081_00053_38684_2389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_141305_000001652081_00053_38684_2392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_143538_000003002081_00053_38684_2395.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_144512_000004792081_00053_38684_2408.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_153841_000010642081_00054_38685_2512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_161614_000011542081_00054_38685_2525.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_171539_000012892081_00055_38686_2742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_175723_000005852081_00055_38686_2728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_180923_000004192081_00055_38686_2737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_184913_000017092081_00056_38687_2888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090724_194100_000003742081_00056_38687_2891.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



```

ASA_GM1_1PNPDK20090724_132018_000006942081_00053_38684_2244.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_134119_000001442081_00053_38684_2380.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_135856_000002112081_00053_38684_2382.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_140406_000003802081_00053_38684_2384.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_141028_000001572081_00053_38684_2386.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_141635_000011422081_00053_38684_2587.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_143206_000002112081_00053_38684_2399.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_144116_000002352081_00053_38684_2401.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_145359_000004472081_00054_38685_2403.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_150228_000005432081_00054_38685_2405.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_152146_000000842081_00054_38685_2505.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_152449_000003802081_00054_38685_2507.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_155711_000006642081_00054_38685_2509.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_161314_000001812081_00054_38685_2514.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_163607_000007492081_00055_38686_2522.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_170142_000001262081_00055_38686_2721.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_170759_000004592081_00055_38686_2723.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_173747_000006102081_00055_38686_2725.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_175301_000002052081_00055_38686_2732.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_181712_000003622081_00056_38687_2734.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_182552_000001992081_00056_38687_2739.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_183848_000002592081_00056_38687_2879.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_191823_000002952081_00056_38687_2881.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_193210_000003142081_00056_38687_2883.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_194804_000008272081_00056_38687_2885.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090724_200243_000003082081_00057_38688_2898.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

Analysing APM products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_APM.txt...

```

ASA_APM_1PNPDE20090724_071855_000001512081_00049_38680_0511.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20090724_150125_00000432081_00054_38685_1853.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

Analysing IMM products...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/090724/AUXILIARY/Check_ADFs_IMM.txt...

```

ASA_IMM_1PNPDE20090724_000502_000000632081_00045_38676_0381.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1059.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1374.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000502_000002292081_00045_38676_1964.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000606_000001192081_00045_38676_1817.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000705_000000602081_00045_38676_0911.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000705_000000602081_00045_38676_1686.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_000705_000001052081_00045_38676_0629.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0316.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0649.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_0420.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_1310.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000622081_00046_38677_0645.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000792081_00046_38677_0357.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_030452_000000792081_00046_38677_1057.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_032737_000000382081_00047_38678_0199.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_032737_000000382081_00047_38678_0633.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045615_000001142081_00048_38679_0418.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045719_000000502081_00048_38679_0058.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_045941_000000432081_00048_38679_0470.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_050302_000000622081_00048_38679_9988.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090724_071408_000000632081_00049_38680_0704.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```


AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/090724/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1

Test product: ASA_MS__0PNPDK20090723_062640_000000162081_00034_38665_0850.N1

H

H

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090723_062640-20050922_062651.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090723_062640-20050922_062651.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090723_062640-20050922_062651.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090723_062640-20050922_062651.png

Polarization: V

Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1

Test product: ASA_MS__0PNPDK20090724_055503_000000162081_00048_38679_0851.N1

V

V

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090724_055503-20050923_055514.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090724_055503-20050923_055514.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090724_055503-20050923_055514.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090724_055503-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20090721_173330_000000162081_00012_38643_0849.N1

Test product: ASA_MS__0PNPDK20090723_062640_000000162081_00034_38665_0850.N1

H

H

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090723_062640-20090721_173330.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090723_062640-20090721_173330.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090723_062640-20090721_173330.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090723_062640-20090721_173330.png

Polarization: V

Reference product: ASA_MS__0PNPDK20090720_180507_000000162080_00499_38629_0848.N1

Test product: ASA_MS__0PNPDK20090724_055503_000000162081_00048_38679_0851.N1

V

V

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090724_055503-20090720_180507.png

../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090724_055503-20090720_180507.png



../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090724_055503-20090720_180507.png
../../RESULTS/DAILY/090724/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090724_055503-20090720_180507.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090724/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_1.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_2.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_3.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

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

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-24_4.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/090724//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 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_1.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_2.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_3.dat...

Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-24 00:00:00 to 2009-07-24 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/090724/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-24_4.dat...
Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/090724//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/090724/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_data_WVS_IS2_VV_2009-07-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090724/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_data_GM1_SS1_HH_2009-07-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090724/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/DOPPLER/Doppler_Jumps_data_WSM_2009-07-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090724/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/090724/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 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 = -32.487615 Hz
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...



Computing mean error doppler estimated-predicted...
 Mean error = -28.296078 Hz
 Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
 Writing file ../../RESULTS/DAILY/090724//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 = -18.937284 Hz
 Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
 Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
 Phase: ascending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -25.458244 Hz
 Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
 Writing file ../../RESULTS/DAILY/090724//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
 #####

CHIRP ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/090724/CHIRP...

 CHIRP Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59

Analysing products WSM SS1 H/H

 Getting ScaleFactor data for WSM SS1 H/H from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
 Writing file ./RESULTS/DAILY/090724/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-07-24.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
 Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

 Getting ScaleFactor data for WSM SS1 V/V from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
 Writing file ./RESULTS/DAILY/090724/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-07-24.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
 Writing file ../../RESULTS/DAILY/090724/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed
 #####

RAW DATA ANALYSIS

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090724/RAW_DATA

Creating directory ./RESULTS/DAILY/090724/RAW_DATA...

Getting raw data for WVS from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_2009-07-24.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_input_stddev.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-07-24 00:00:00 to 2009-07-24 23:59:59...
Writing file ./RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_2009-07-24.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_input_stddev.png...
Creating image ../../RESULTS/DAILY/090724/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

Analysis will be performed from 2009-07-24 00:00:00 to 2009-07-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090724/TELEMETRY

Creating directory ./RESULTS/DAILY/090724/TELEMETRY...

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

Checking 22 products from PDE...
Checking 28 products from PDK...

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

Checking 36 products from PDE...
Checking 50 products from PDK...
Found product..ASA_GM1_1PNPDK20090724_152146_00000842081_00054_38685_2505.N1 / 0 gaps / 39 missing lines

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 26 products from PDE...
Checking 2 products from PDK...

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

Checking 106 products from PDE...
Checking 15 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/090724/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/090724/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2009-07-24

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20090724/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_000902_000003082081_00045_38676_1421.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_000902_000003082081_00045_38676_1678.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_003934_000003622081_00045_38676_1623.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_005148_000001502081_00045_38676_1621.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_005148_000001502081_00045_38676_1674.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_005914_000006942081_00045_38676_0606.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_005914_000006942081_00045_38676_1660.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_011940_000004042081_00045_38676_1083.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_011940_000004042081_00045_38676_1628.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_014546_000011782081_00046_38677_0714.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_014546_000011782081_00046_38677_1393.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_020903_000000842081_00046_38677_0703.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_020903_000000842081_00046_38677_1076.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_023224_000002232081_00046_38677_0350.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_023224_000002232081_00046_38677_0625.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_024015_000006702081_00046_38677_0348.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_024015_000006702081_00046_38677_0398.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_025513_000001202081_00046_38677_0341.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_025513_000001202081_00046_38677_0394.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_025717_000004592081_00046_38677_0343.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_025717_000004592081_00046_38677_1074.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_030621_000002052081_00046_38677_0390.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_030621_000002052081_00046_38677_0516.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_031727_000006102081_00047_38678_0339.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_031727_000006102081_00047_38678_1078.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_032827_000002232081_00047_38678_0535.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_032827_000002232081_00047_38678_0930.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_034036_000006702081_00047_38678_0324.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_034036_000006702081_00047_38678_0356.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_041318_000004162081_00047_38678_0436.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_042719_000002832081_00047_38678_0098.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_045205_000002532081_00048_38679_0096.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_045819_000000842081_00048_38679_0083.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_050035_000001502081_00048_38679_0081.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_050420_000005612081_00048_38679_0091.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20090724_051738_000008452081_00048_38679_0061.N1 ...

ANALYSIS COMPLETED: 36 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20090724/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20090724_071855_000001512081_00049_38680_0512.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20090724_150125_000000432081_00054_38685_1854.N1 ...

ANALYSIS COMPLETED: 2 AP browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...



Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_161126_000001042081_00054_38685_1926.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_161228_000000422081_00054_38685_1848.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_170508_000000612081_00055_38686_1826.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_180753_000000732081_00055_38686_1820.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_182319_000000732081_00056_38687_1832.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090724_182533_000000182081_00056_38687_1836.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_200755_000002752081_00057_38688_3003.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_201320_000000972081_00057_38688_2991.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_214839_000001212081_00058_38689_3061.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090724_215137_000003672081_00058_38689_3071.N1 ...

ANALYSIS COMPLETED: 110 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/090724/asarReport.html...
Building DATA SUMMARY section...
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed
#####



ASAR Daily Report



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20090724_071855_000001512081_00049_38680_0511.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20090724_150125_00000432081_00054_38685_1853.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_1PNPDE20090724_000902_000003082081_00045_38676_1420.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_000902_000003082081_00045_38676_1677.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_003934_000003622081_00045_38676_1622.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_005148_000001502081_00045_38676_1620.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_005148_000001502081_00045_38676_1673.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_005914_000006942081_00045_38676_0605.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_005914_000006942081_00045_38676_1659.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_011940_000004042081_00045_38676_1082.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_011940_000004042081_00045_38676_1627.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_014546_000011782081_00046_38677_0713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_014546_000011782081_00046_38677_1392.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_020903_000000842081_00046_38677_0702.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_020903_000000842081_00046_38677_1075.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_023224_000002232081_00046_38677_0349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_023224_000002232081_00046_38677_0624.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_024015_000006702081_00046_38677_0347.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_024015_000006702081_00046_38677_0397.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_025513_000001202081_00046_38677_0340.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_025513_000001202081_00046_38677_0393.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_025717_000004592081_00046_38677_0342.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_025717_000004592081_00046_38677_1073.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_030621_000002052081_00046_38677_0389.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_030621_000002052081_00046_38677_0515.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_031727_000006102081_00047_38678_0338.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_031727_000006102081_00047_38678_1077.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_032827_000002232081_00047_38678_0534.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_032827_000002232081_00047_38678_0929.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_034036_000006702081_00047_38678_0323.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_034036_000006702081_00047_38678_0355.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_041318_000004162081_00047_38678_0435.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_042719_000002832081_00047_38678_0097.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_045205_000002532081_00048_38679_0095.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_045819_000000842081_00048_38679_0082.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_050035_000001502081_00048_38679_0080.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_050420_000005612081_00048_38679_0090.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090724_051738_000008452081_00048_38679_0060.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_055621_000001992081_00048_38679_1580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_060127_000006702081_00048_38679_1593.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_064418_000001992081_00049_38680_1595.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_064912_000002772081_00049_38680_1597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_065921_000003442081_00049_38680_1671.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_070643_000004472081_00049_38680_1673.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_071648_000001262081_00049_38680_1675.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_072148_000002712081_00049_38680_1677.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_073408_000011422081_00049_38680_1778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_082507_000005132081_00050_38681_1691.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_084042_000001932081_00050_38681_1934.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_085222_000002172081_00050_38681_1925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_085921_000000842081_00050_38681_1921.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_091448_000002952081_00050_38681_1923.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_092647_000004222081_00050_38681_1828.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_100631_000003742081_00051_38682_1886.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_103146_000000842081_00051_38682_2048.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_103458_000001872081_00051_38682_2002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_105524_000001502081_00051_38682_2004.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_105945_000002412081_00051_38682_2006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_111126_000001812081_00051_38682_2041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_114632_000004162081_00052_38683_2065.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_123559_000011422081_00052_38683_2276.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_125929_000004042081_00052_38683_2195.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_132018_000006942081_00053_38684_2244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_134119_000001442081_00053_38684_2380.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_135856_000002112081_00053_38684_2382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_140406_000003802081_00053_38684_2384.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20090724_141028_000001572081_00053_38684_2386.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_141635_000011422081_00053_38684_2587.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_143206_000002112081_00053_38684_2399.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_144116_000002352081_00053_38684_2401.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_145359_000004472081_00054_38685_2403.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_150228_000005432081_00054_38685_2405.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_152146_000008842081_00054_38685_2505.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090724_152449_000003802081_00054_38685_2507.N1	OK	OK	OK	OK
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ASA_GM1_1PNPDK20090724_193210_000003142081_00056_38687_2883.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.

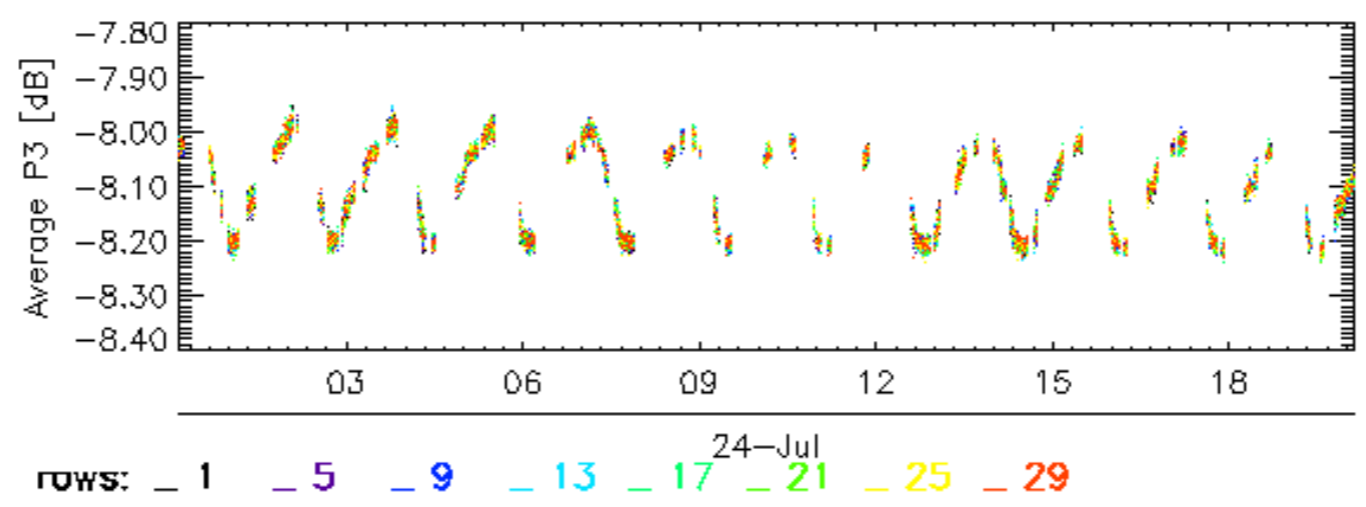
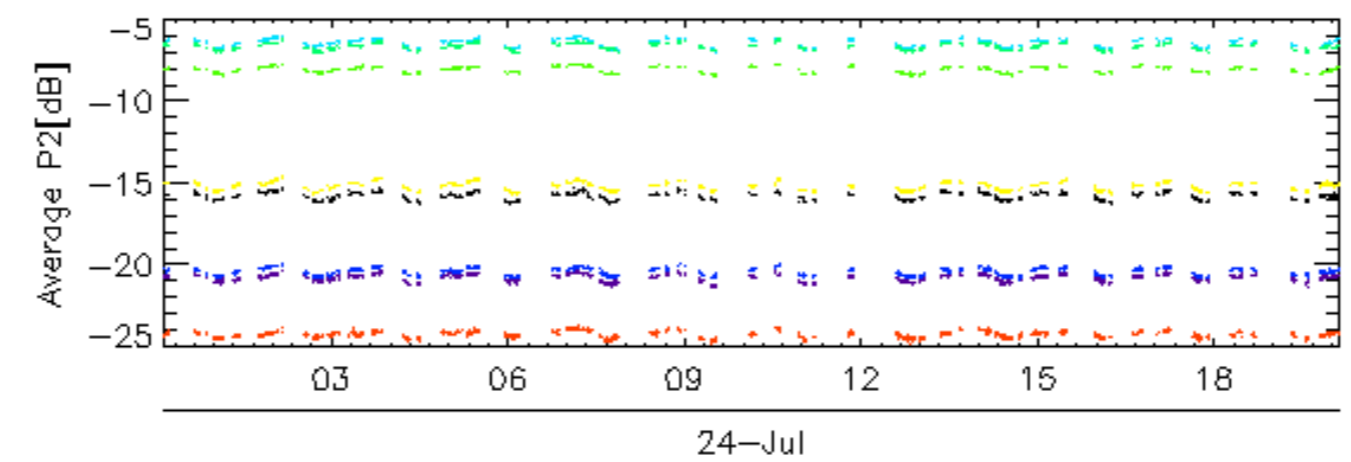
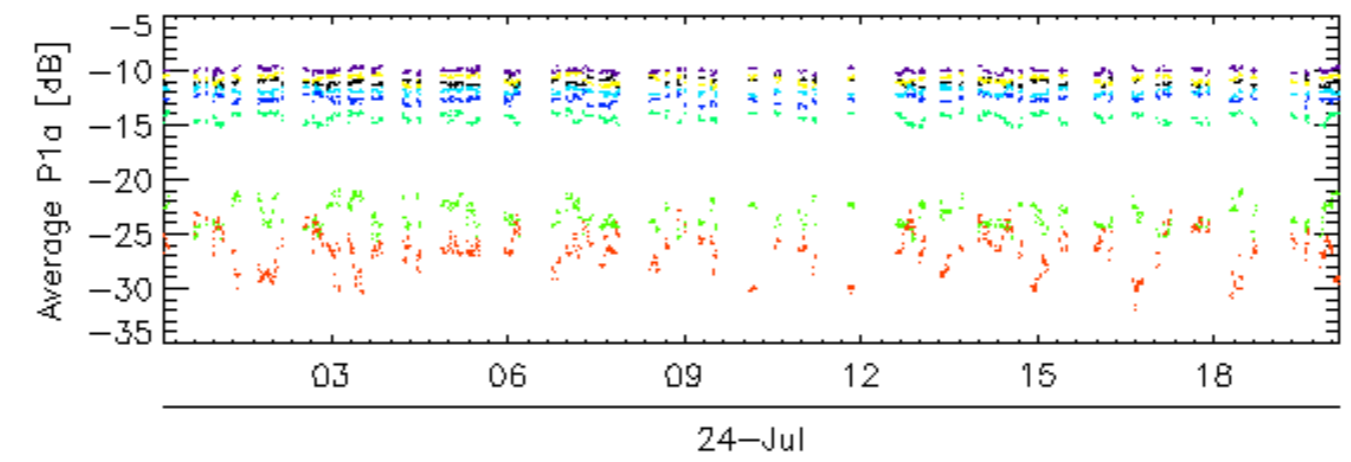
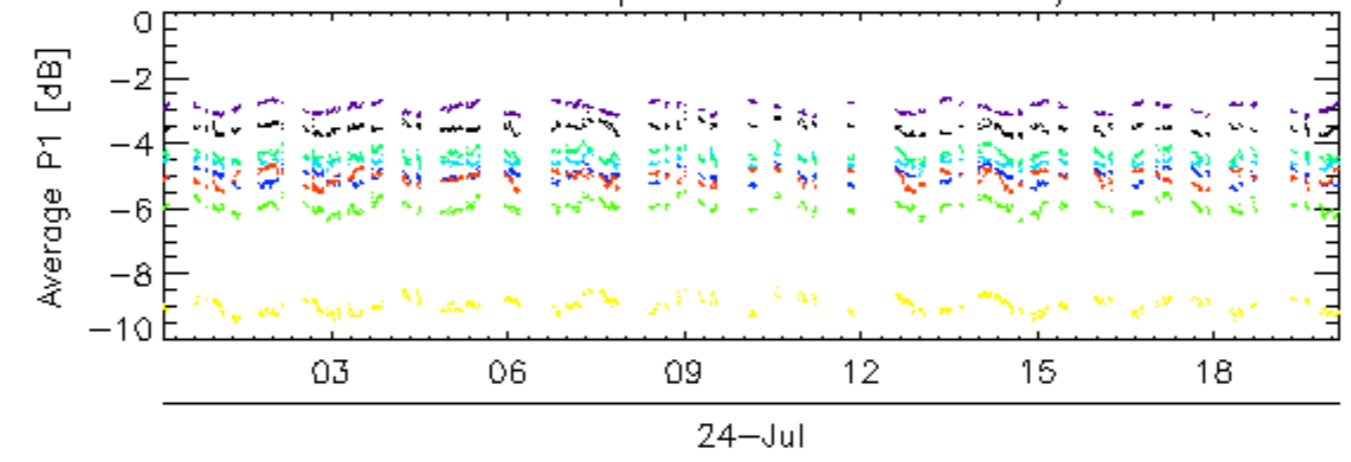
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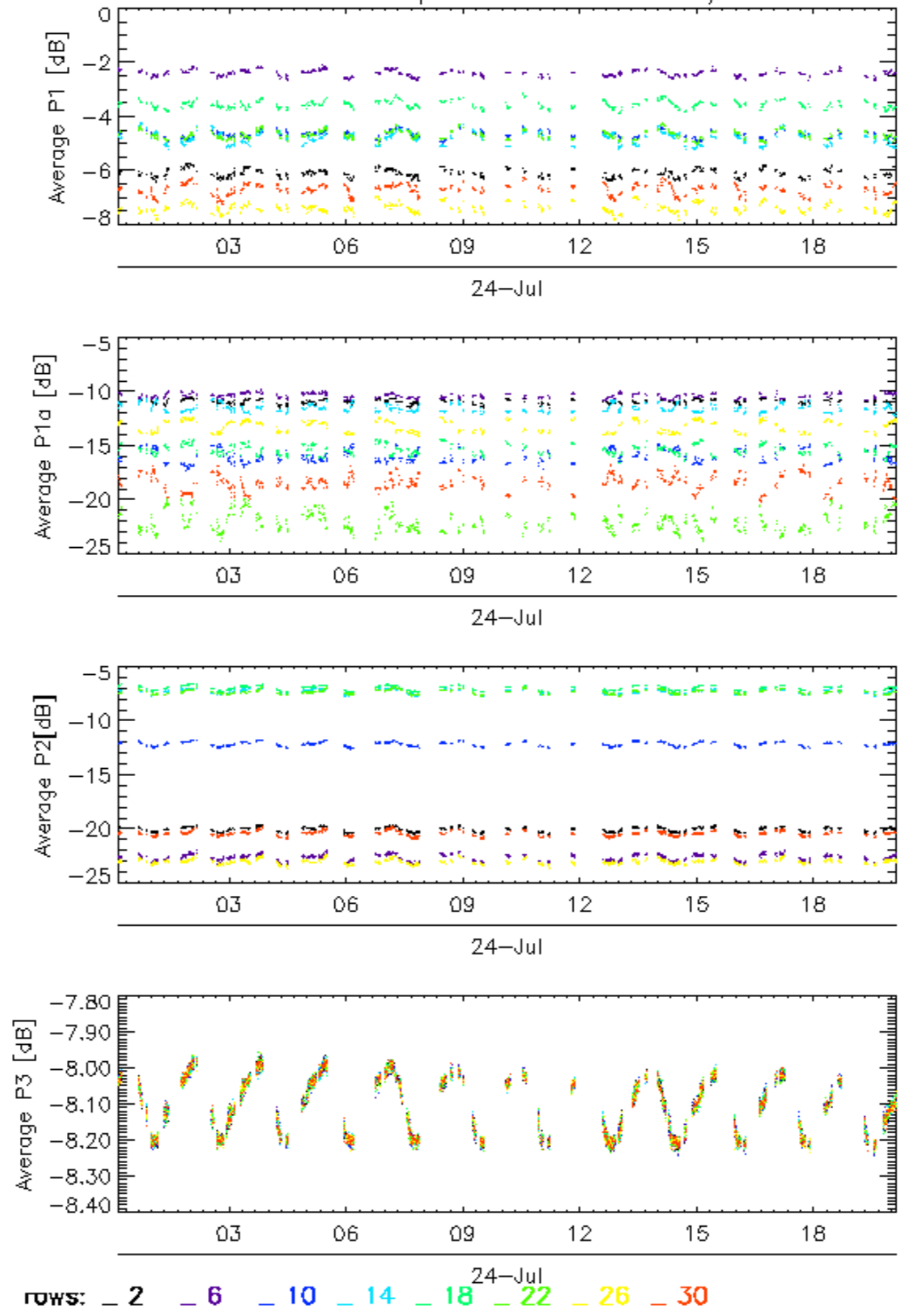
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDK20090724_103804_000009892081_00051_38682_2039.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090724_111426_000001052081_00051_38682_2028.N1					OK	OK	OK	OK
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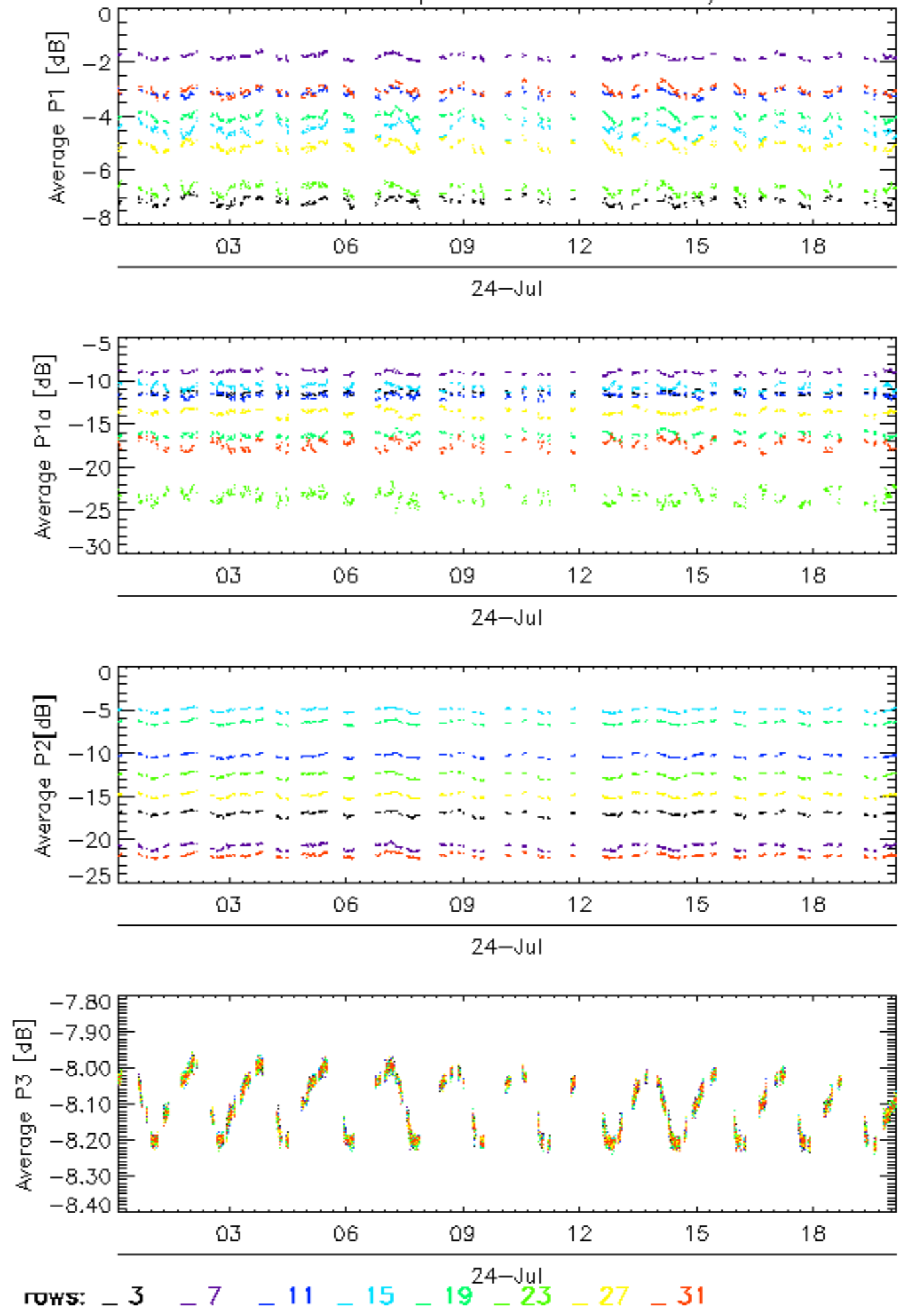
Calibration pulses for GM1 SS3 H/H



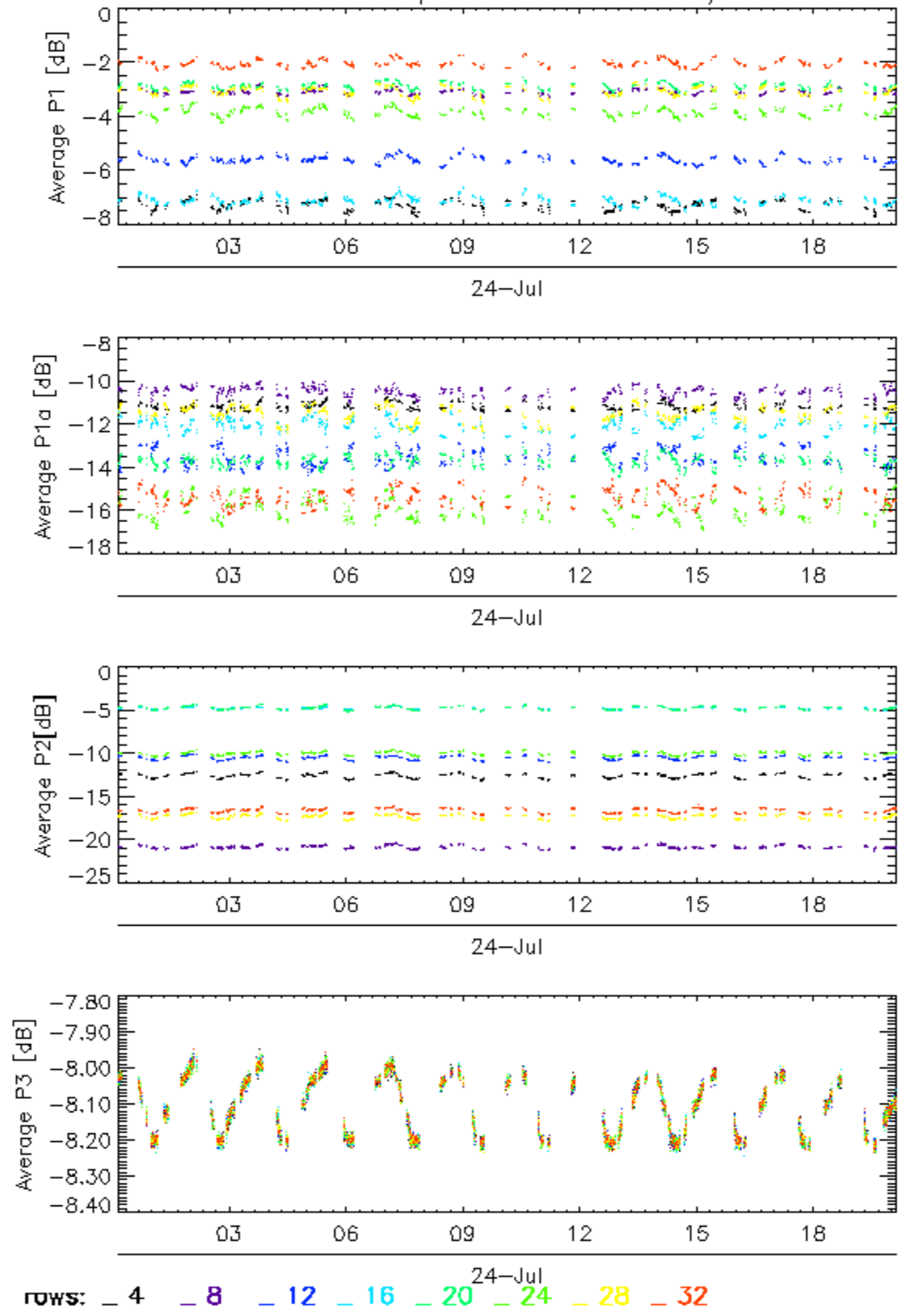
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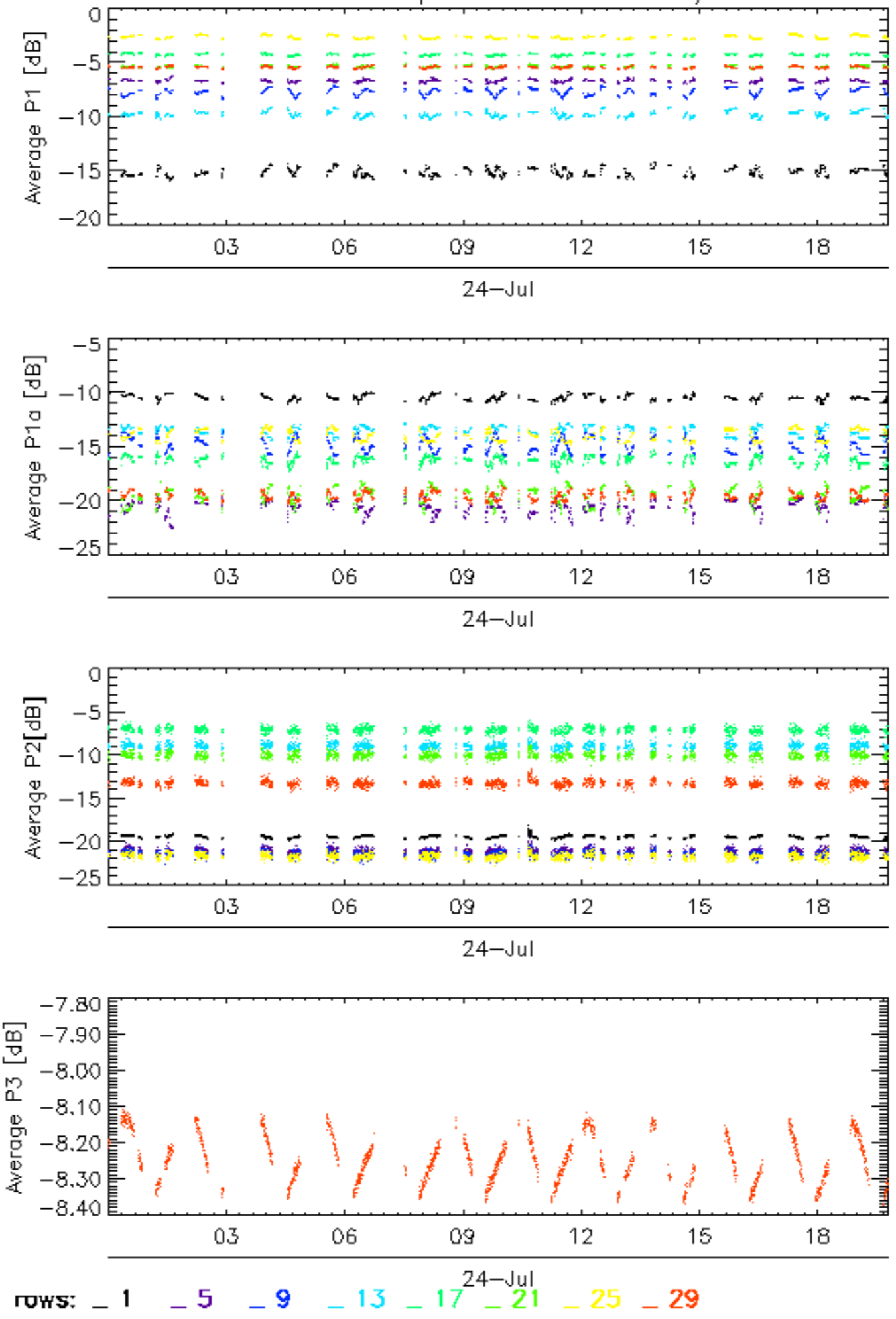
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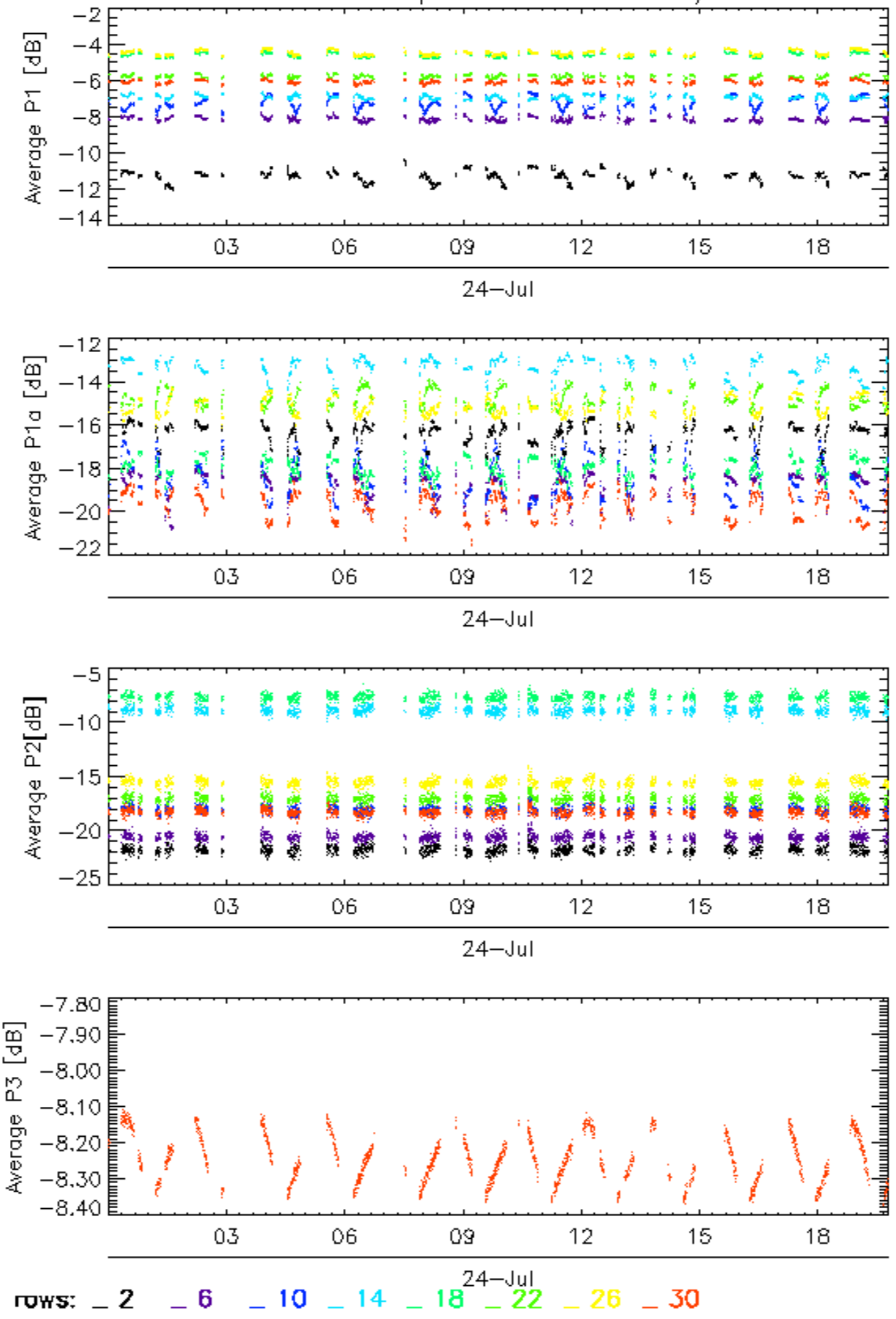
Calibration pulses for GM1 SS3 H/H



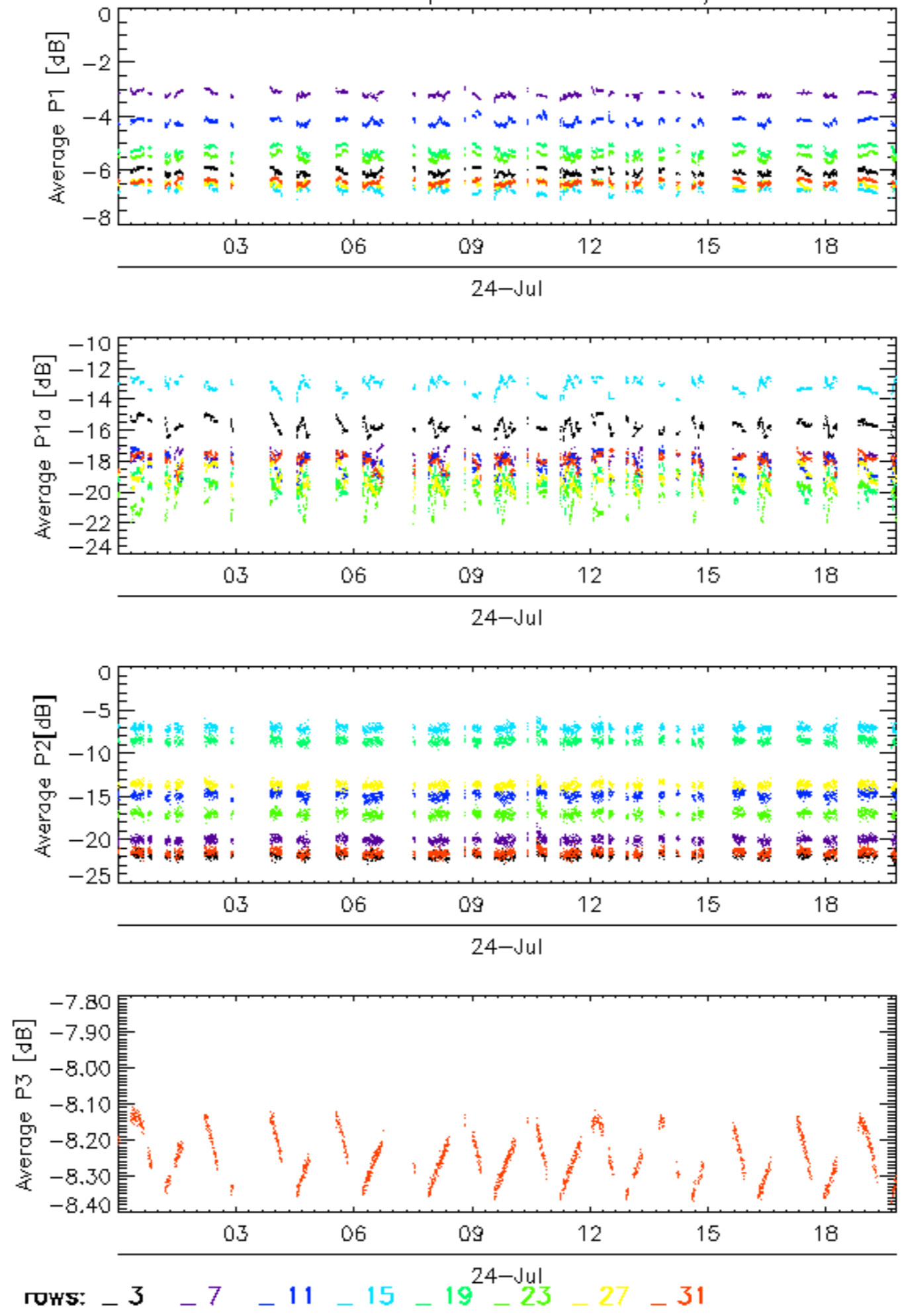
Calibration pulses for WVS IS2 V/V



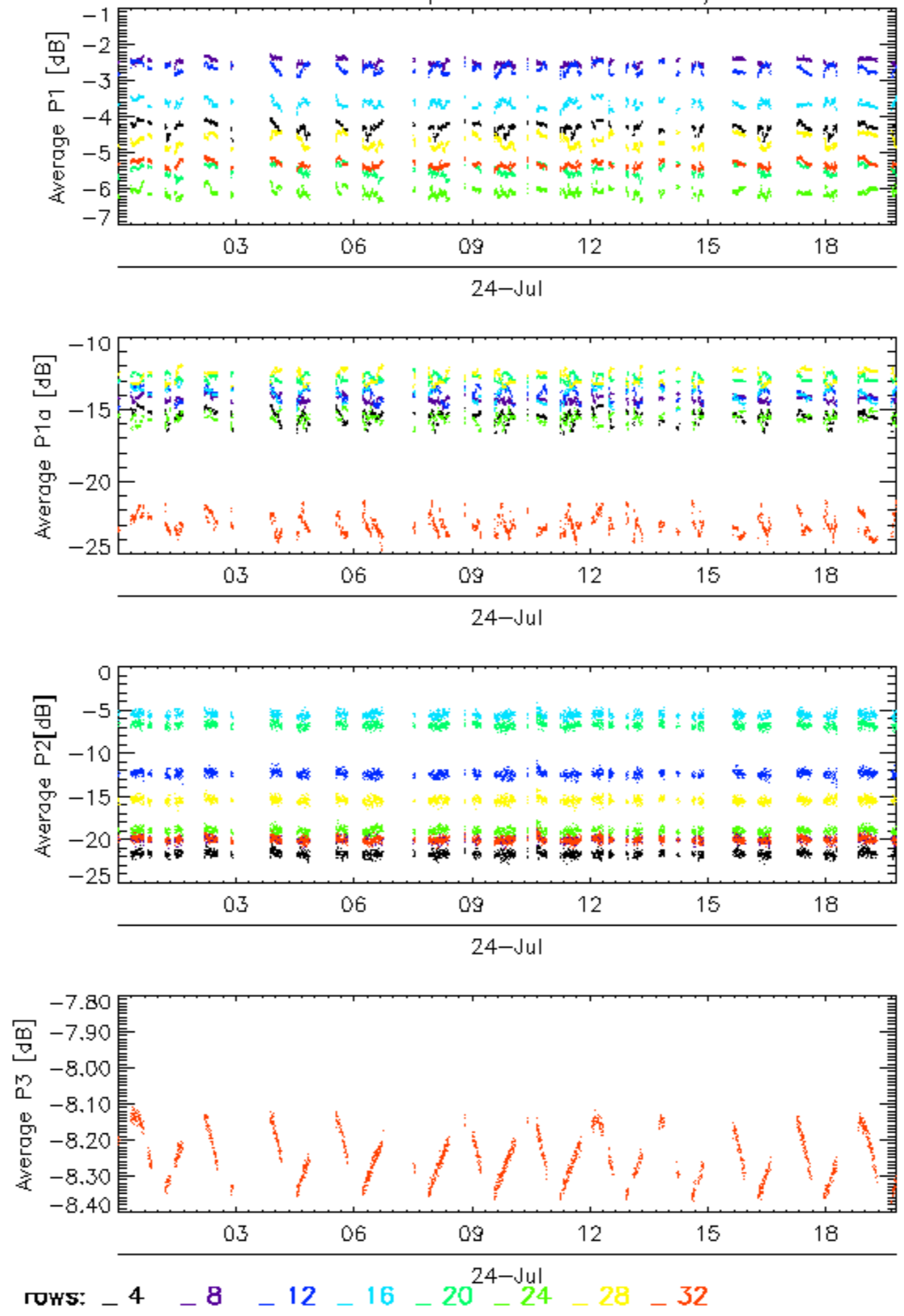
Calibration pulses for WVS IS2 V/V

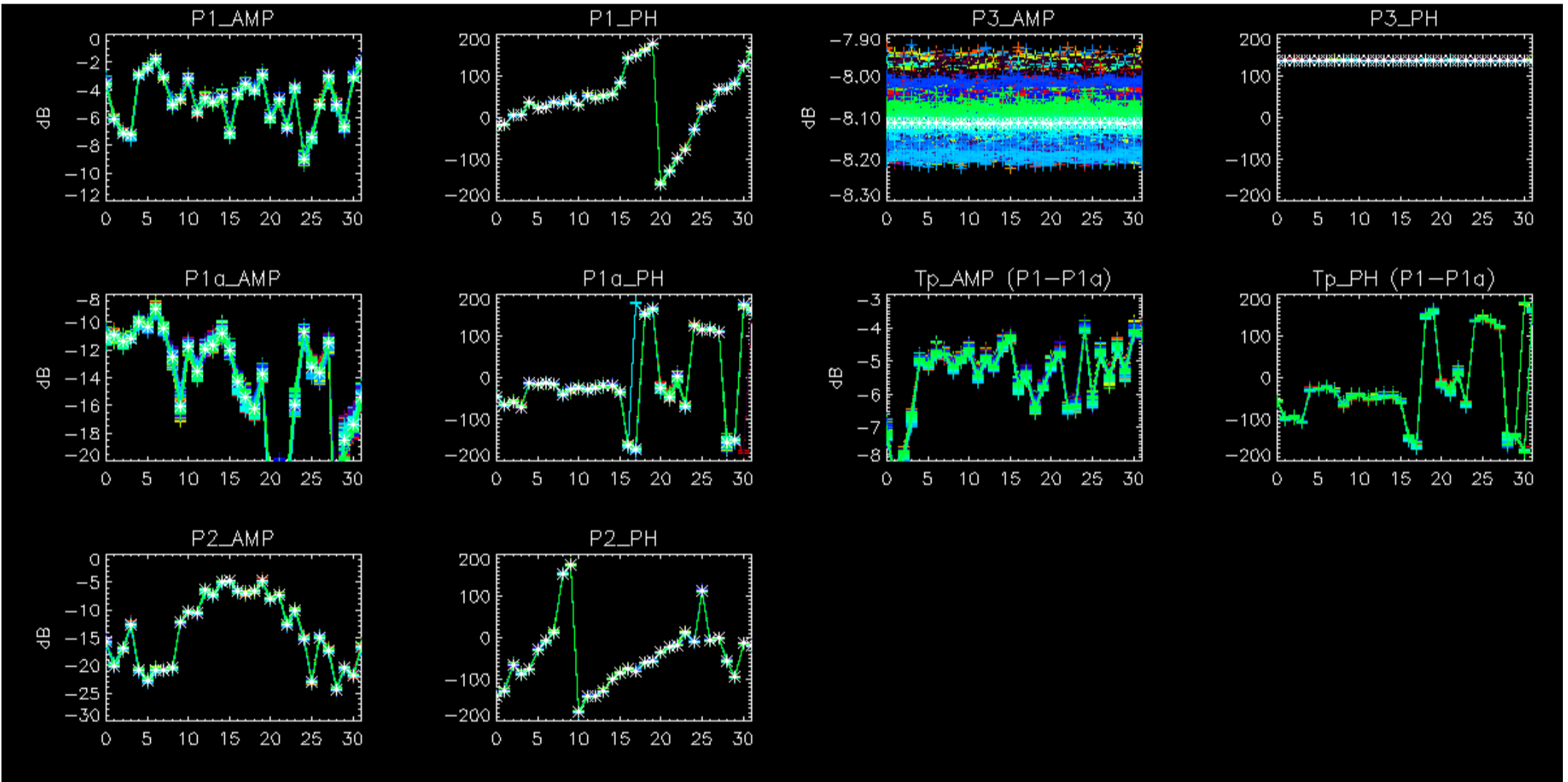


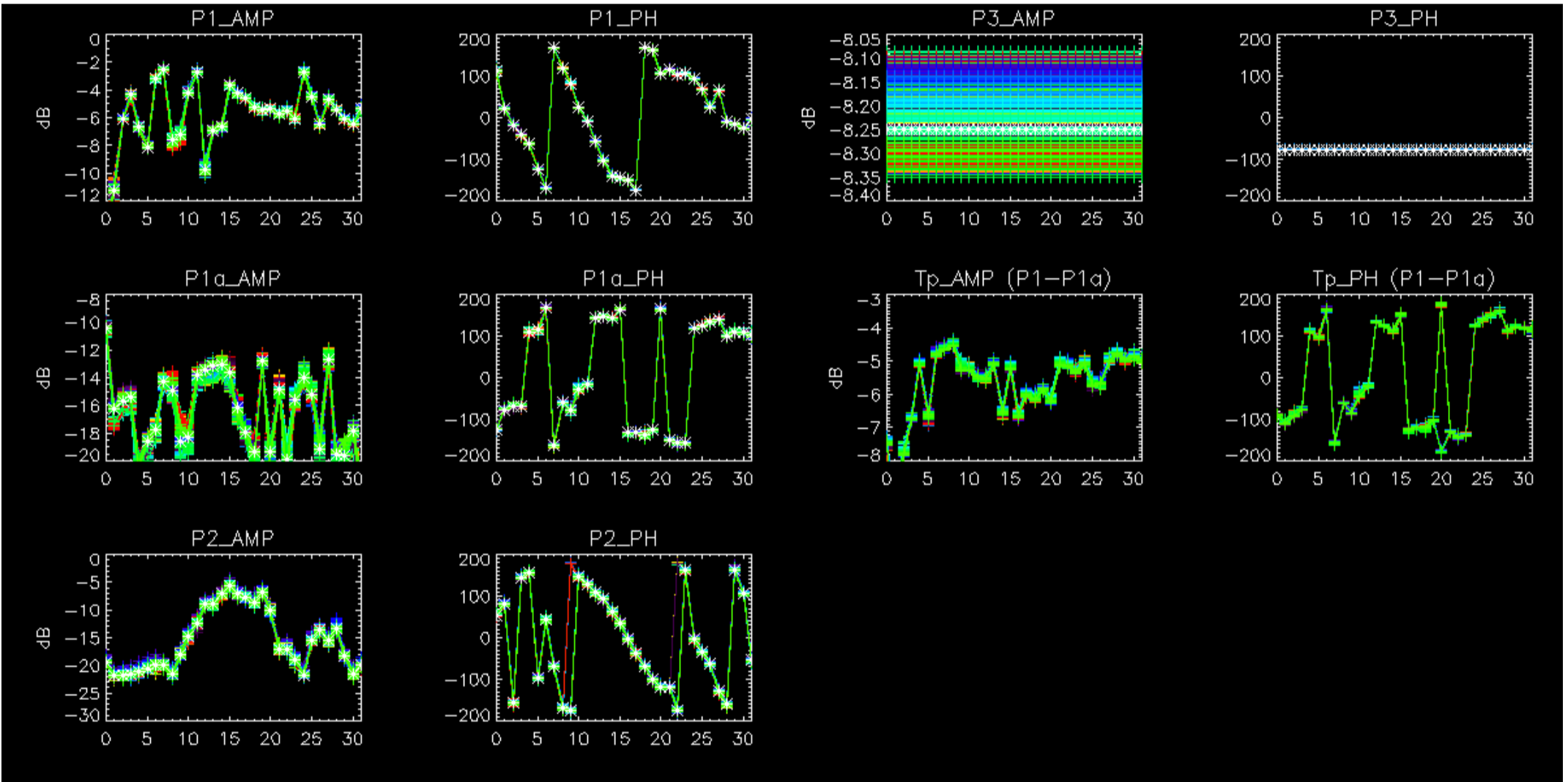
Calibration pulses for WVS IS2 V/V

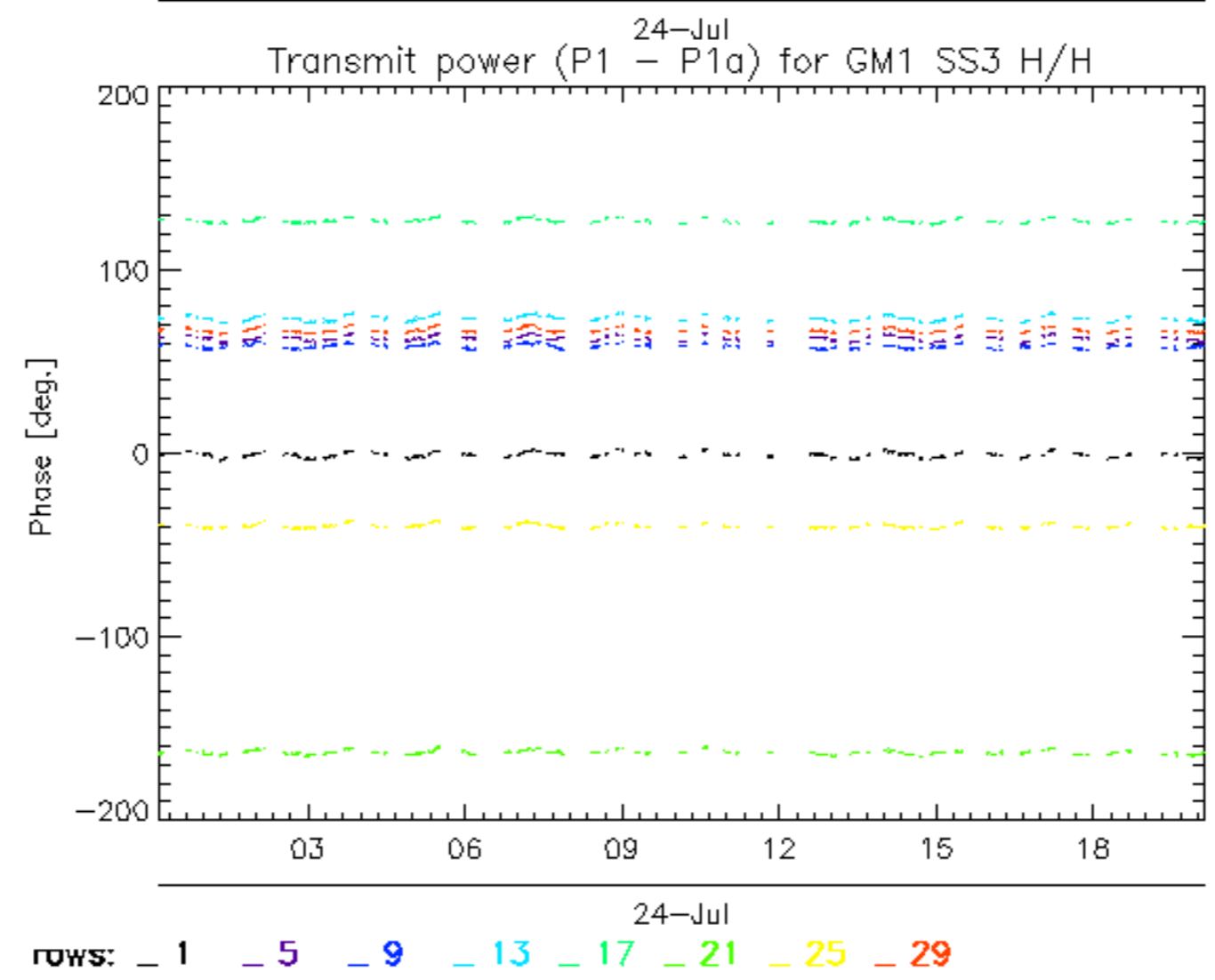
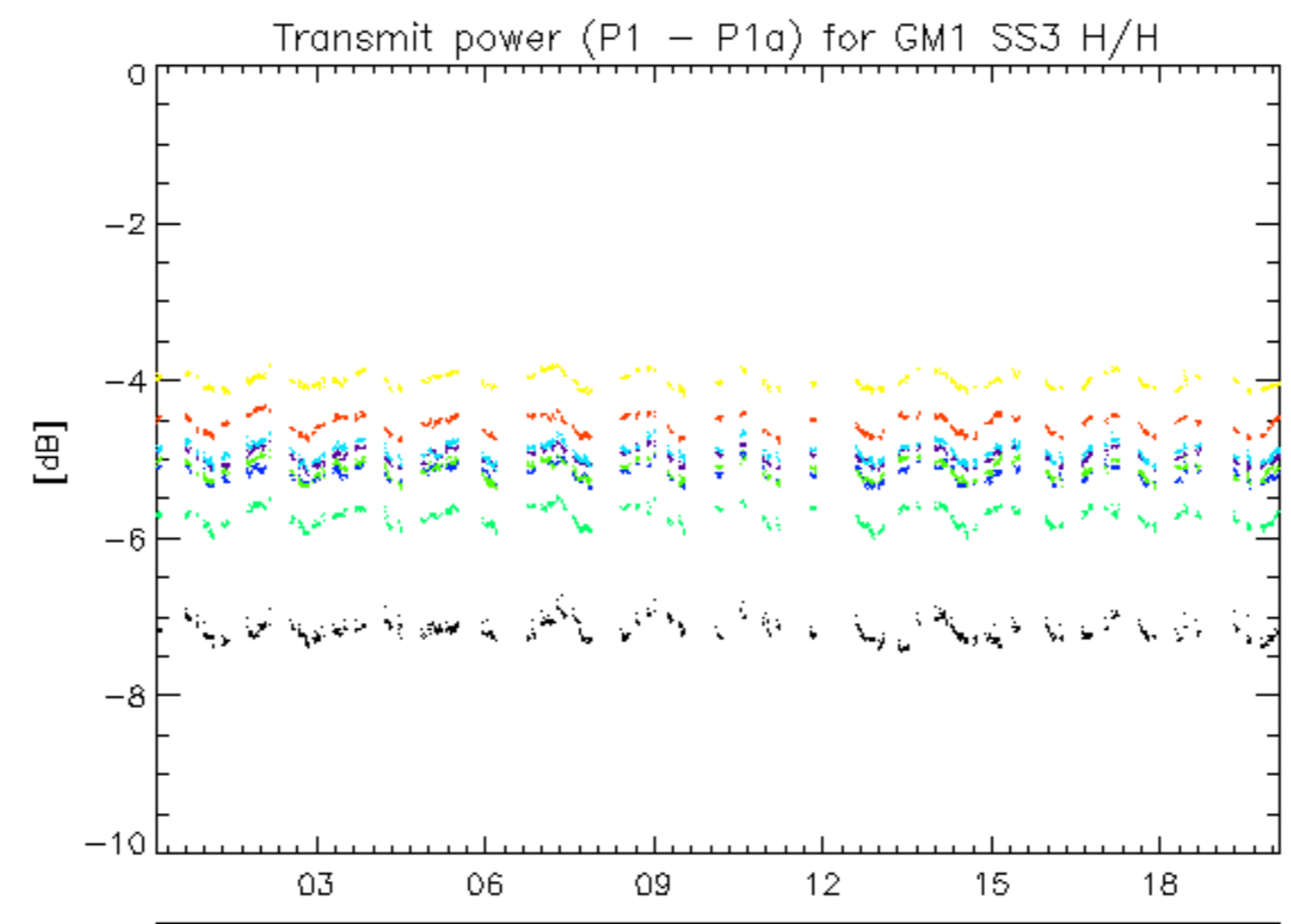


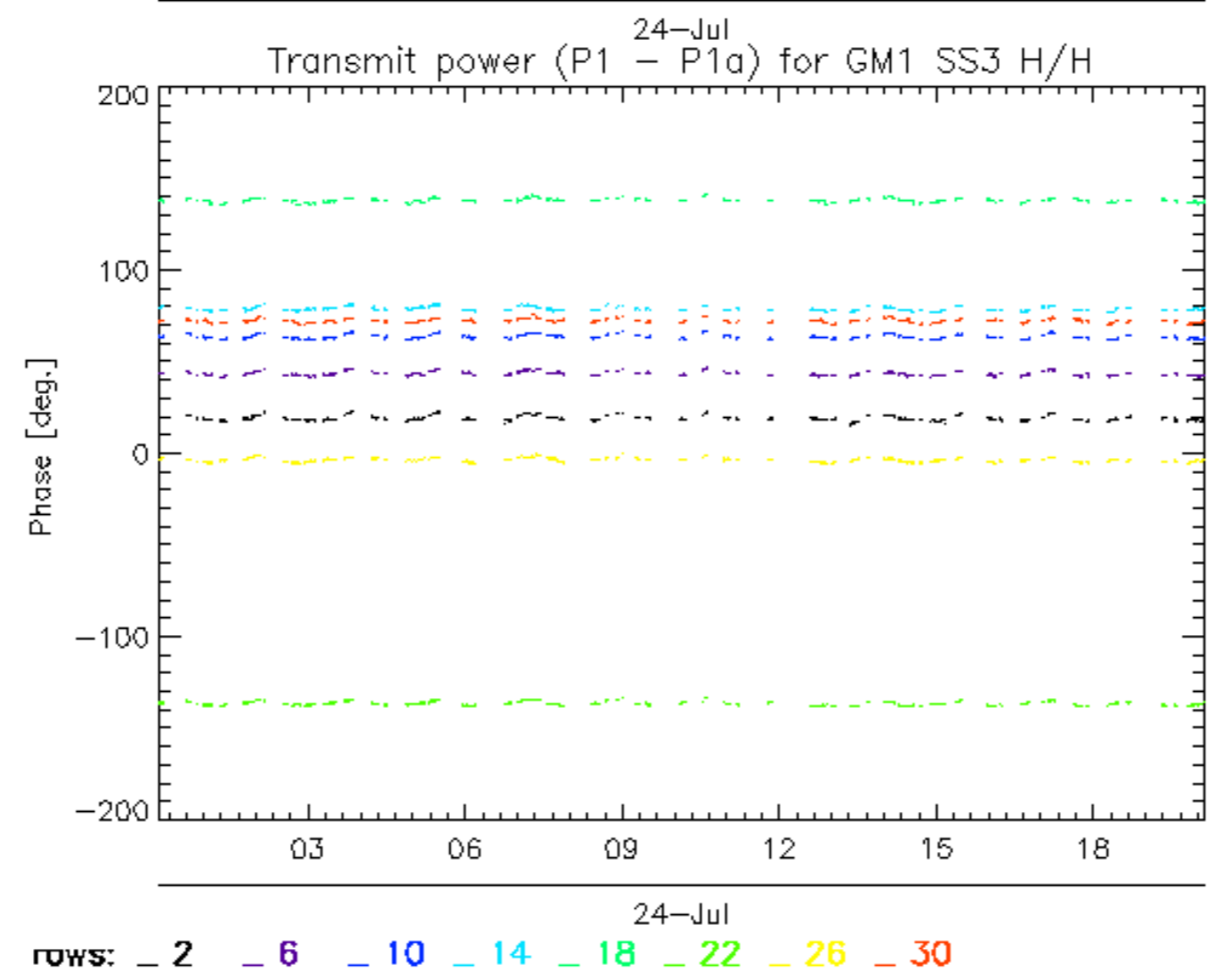
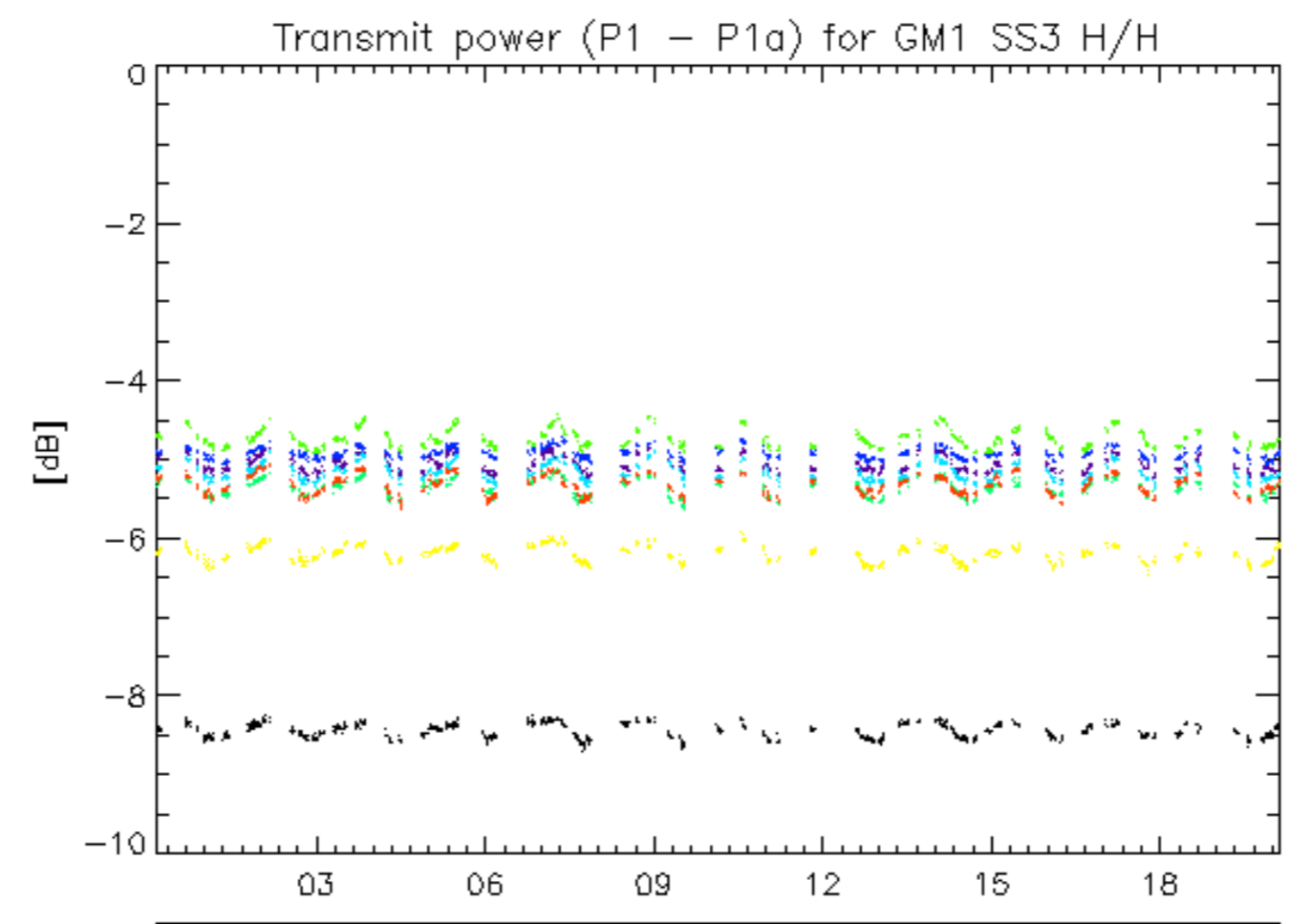
Calibration pulses for WVS IS2 V/V

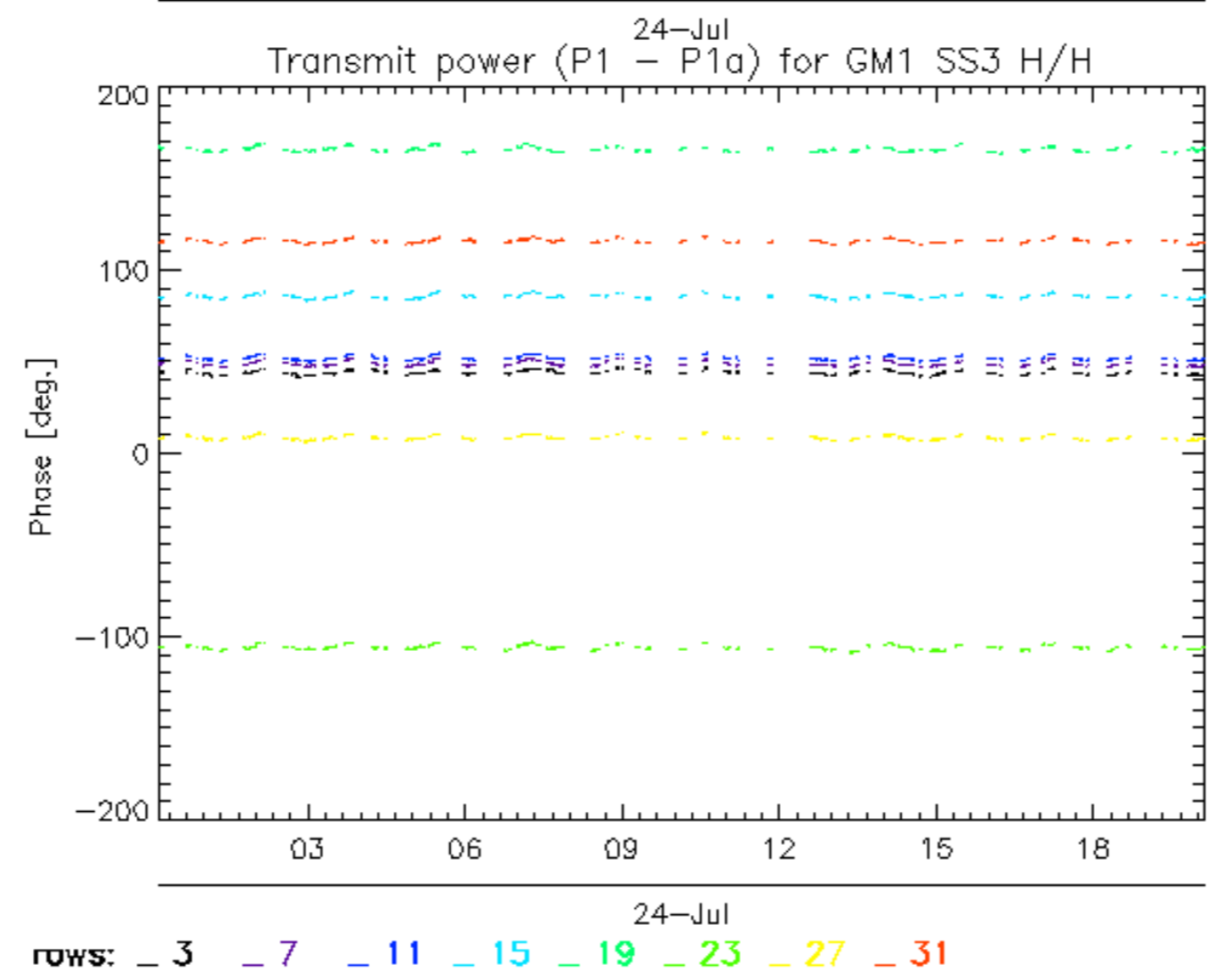
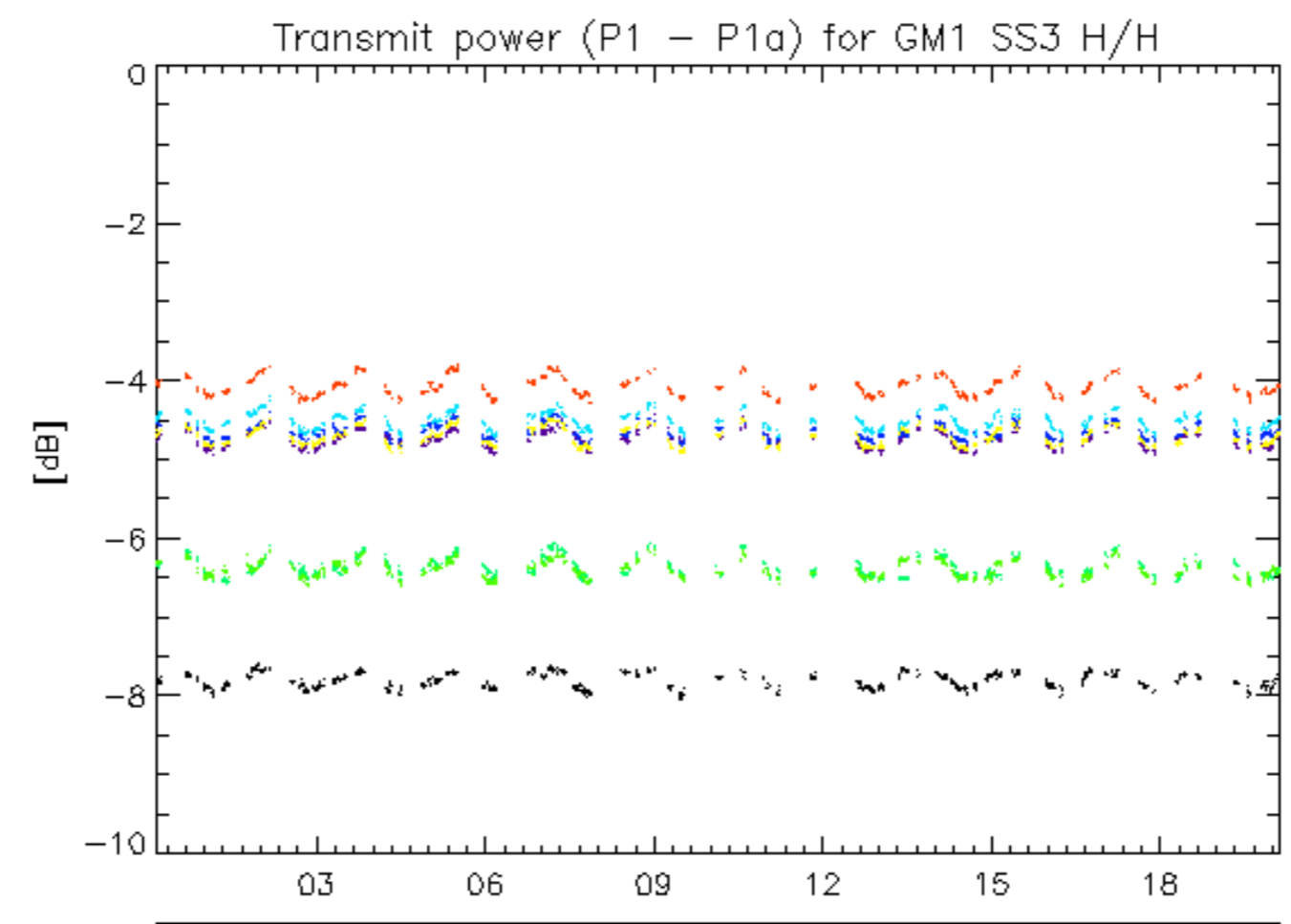


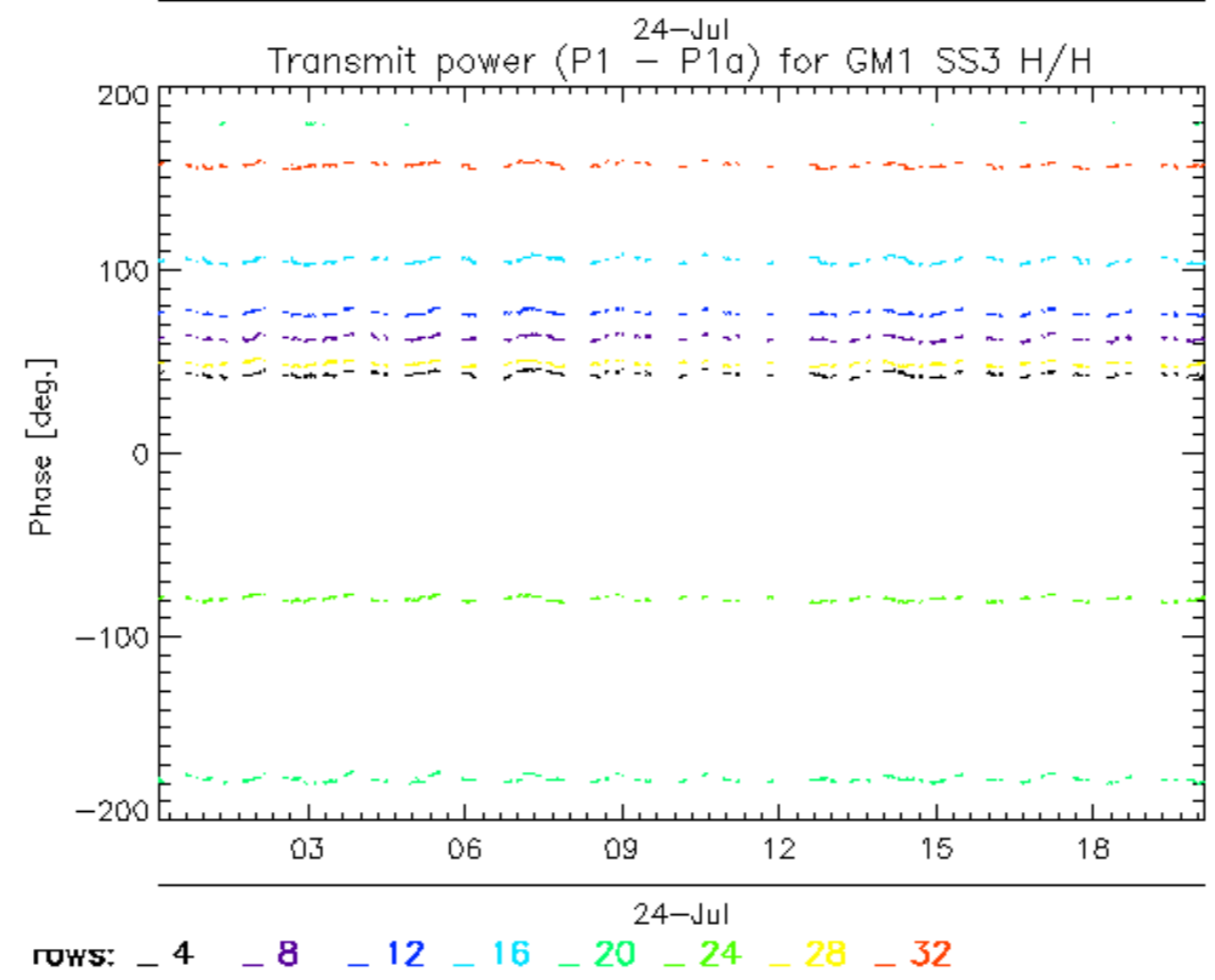
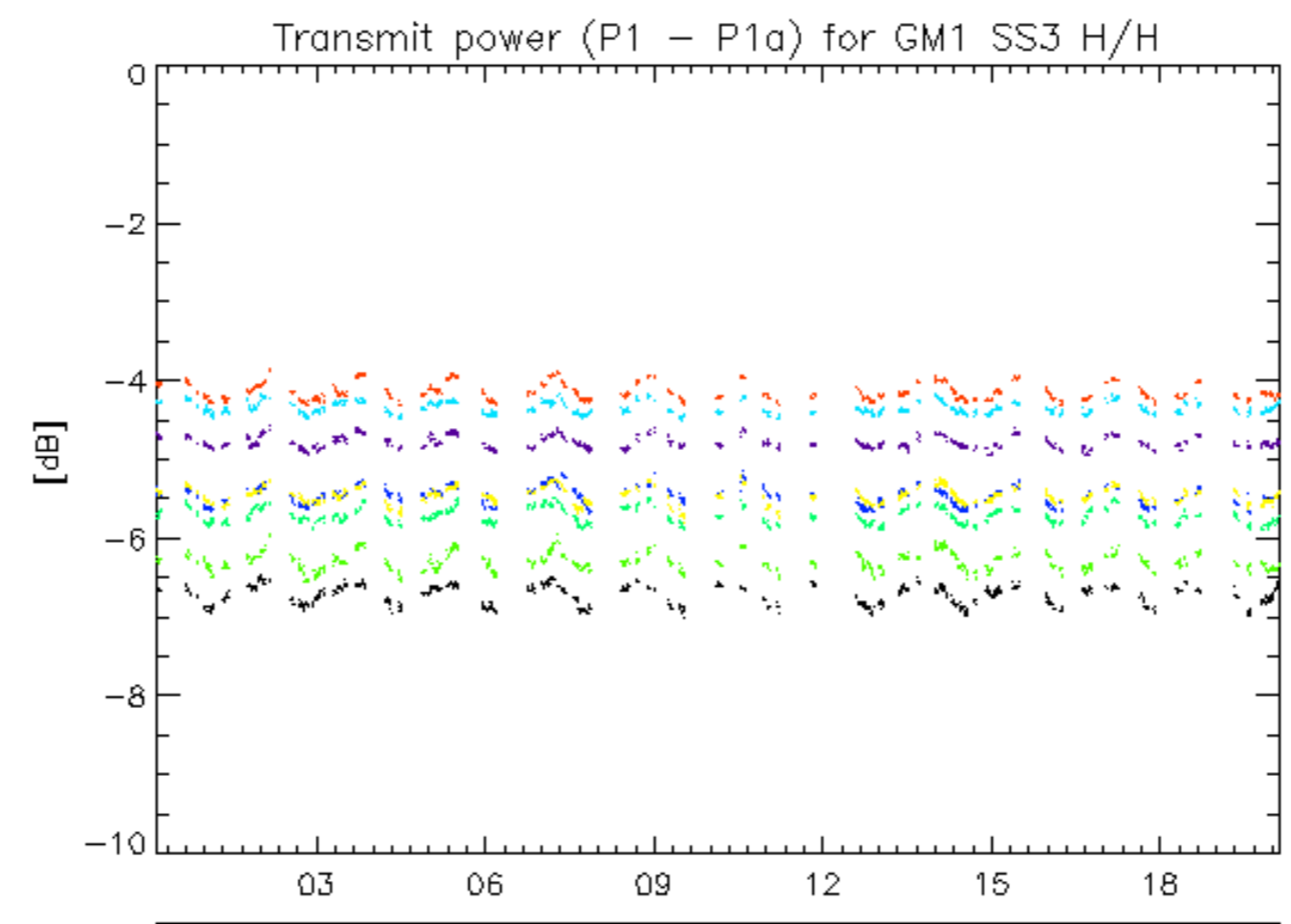


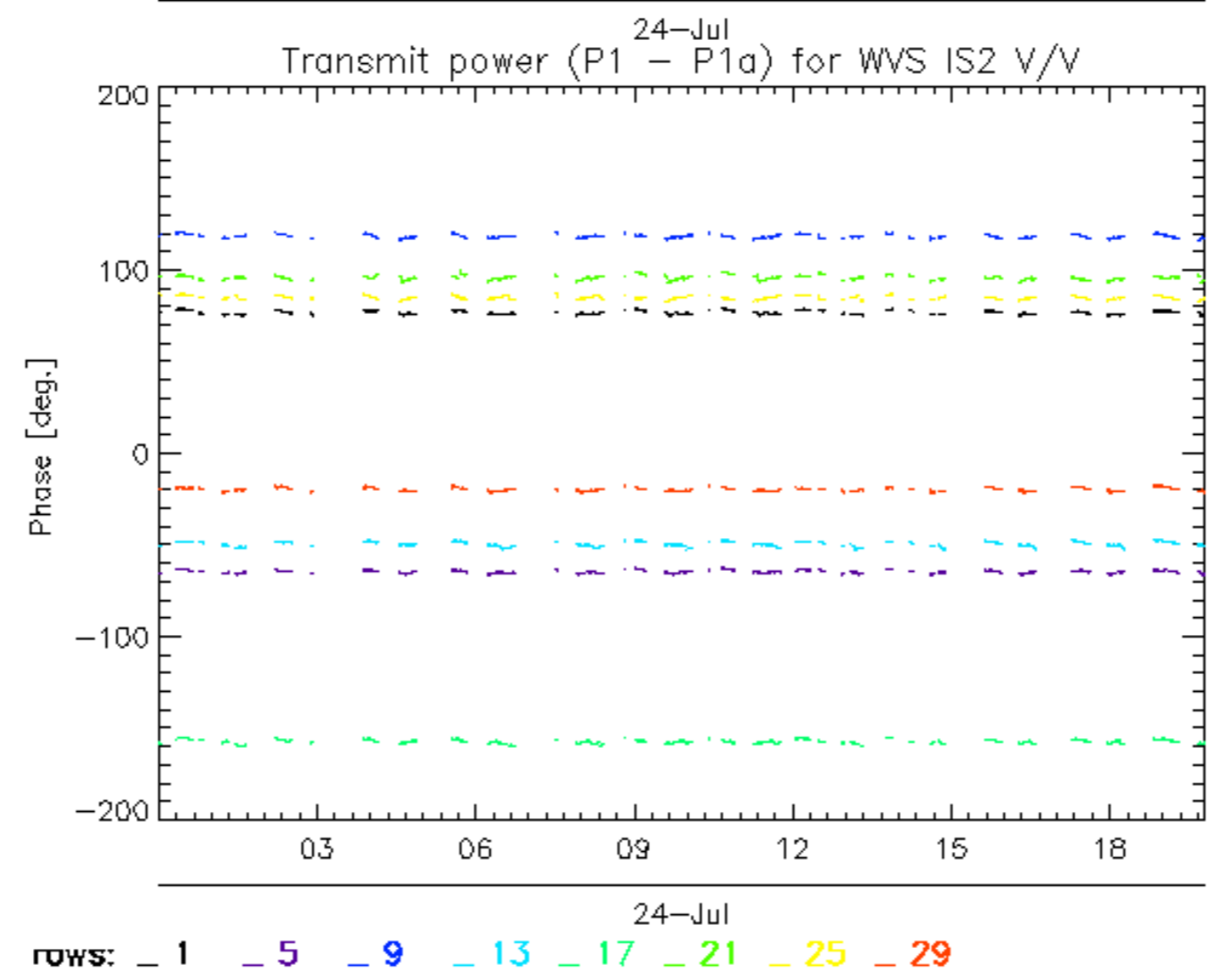
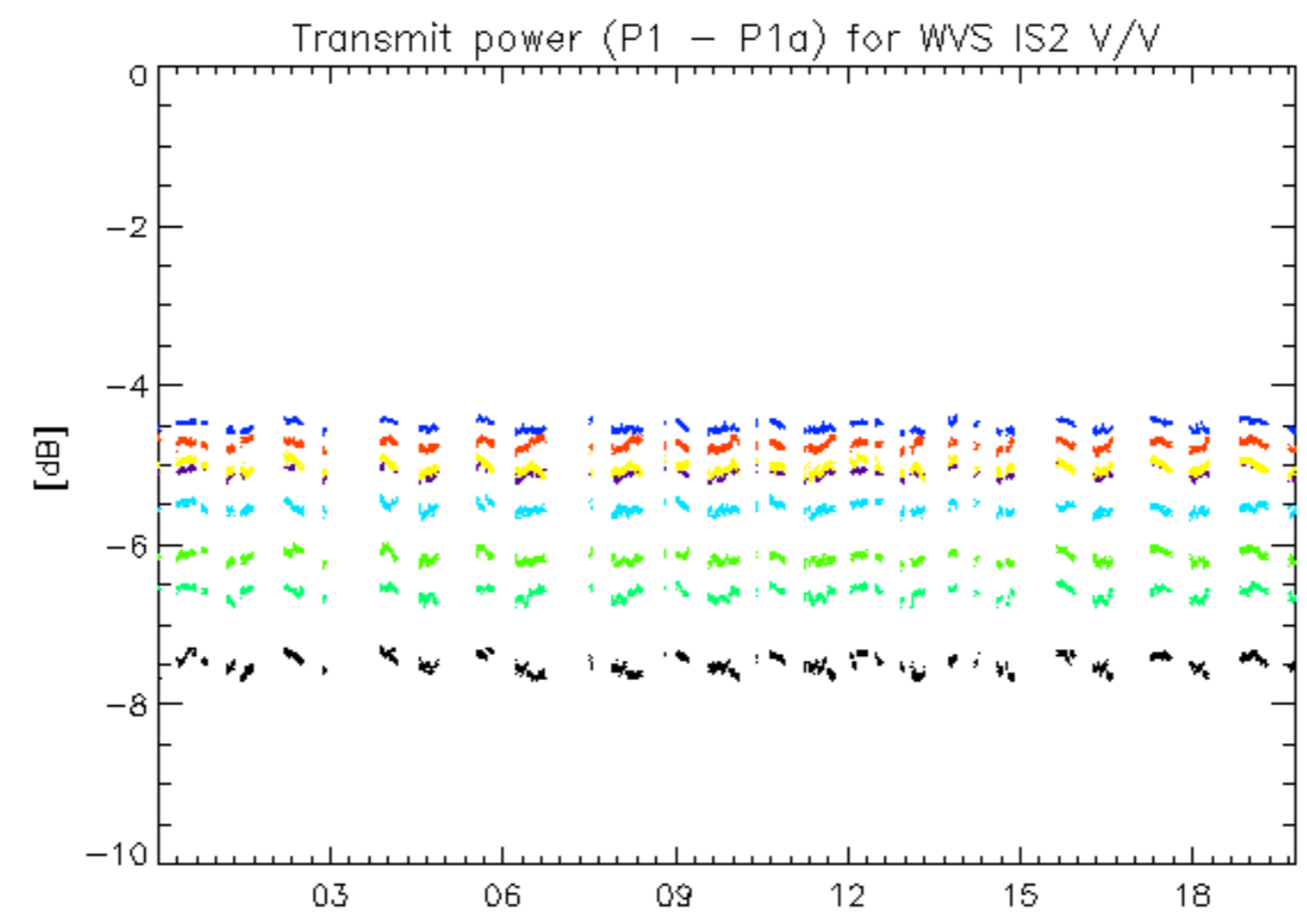


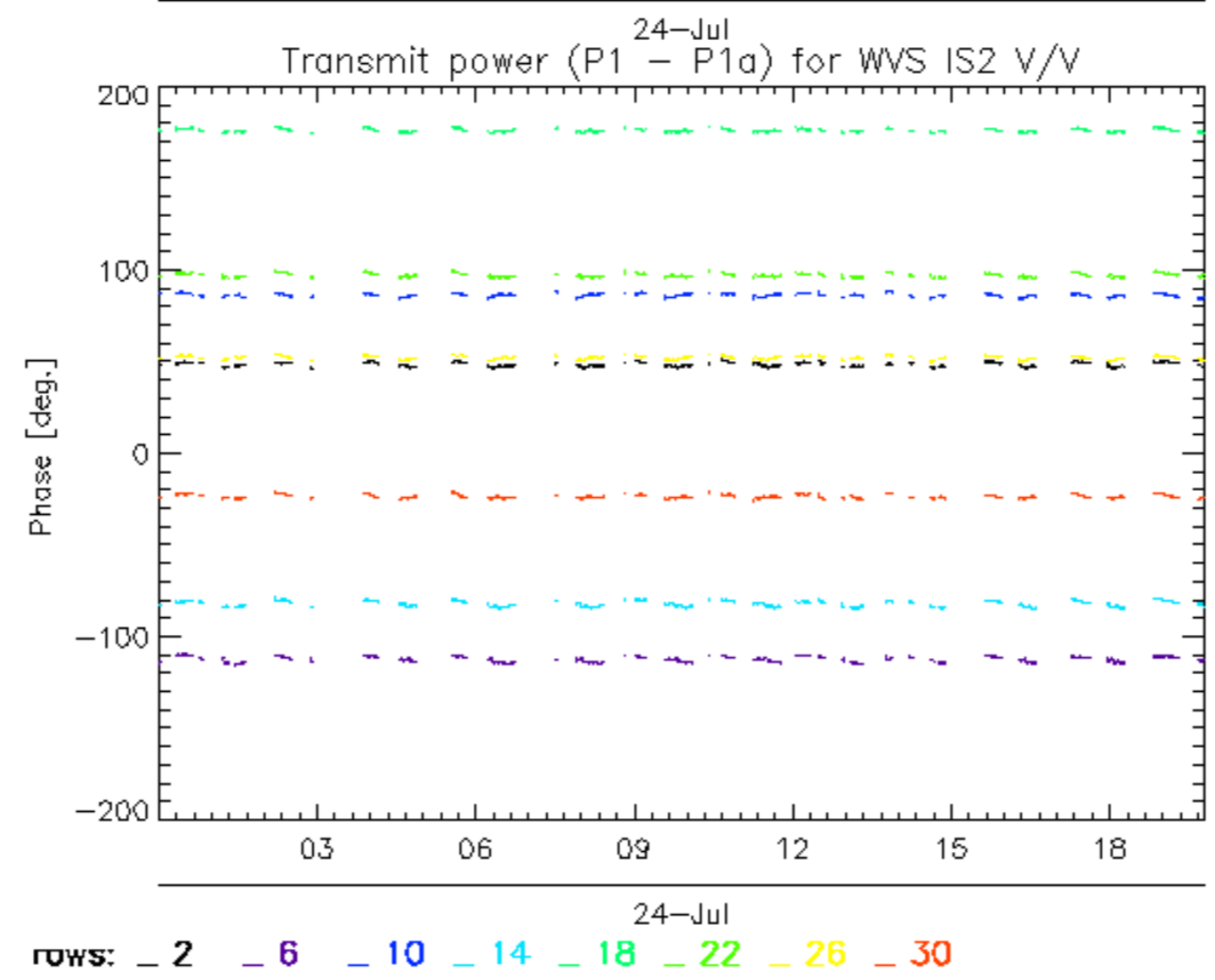
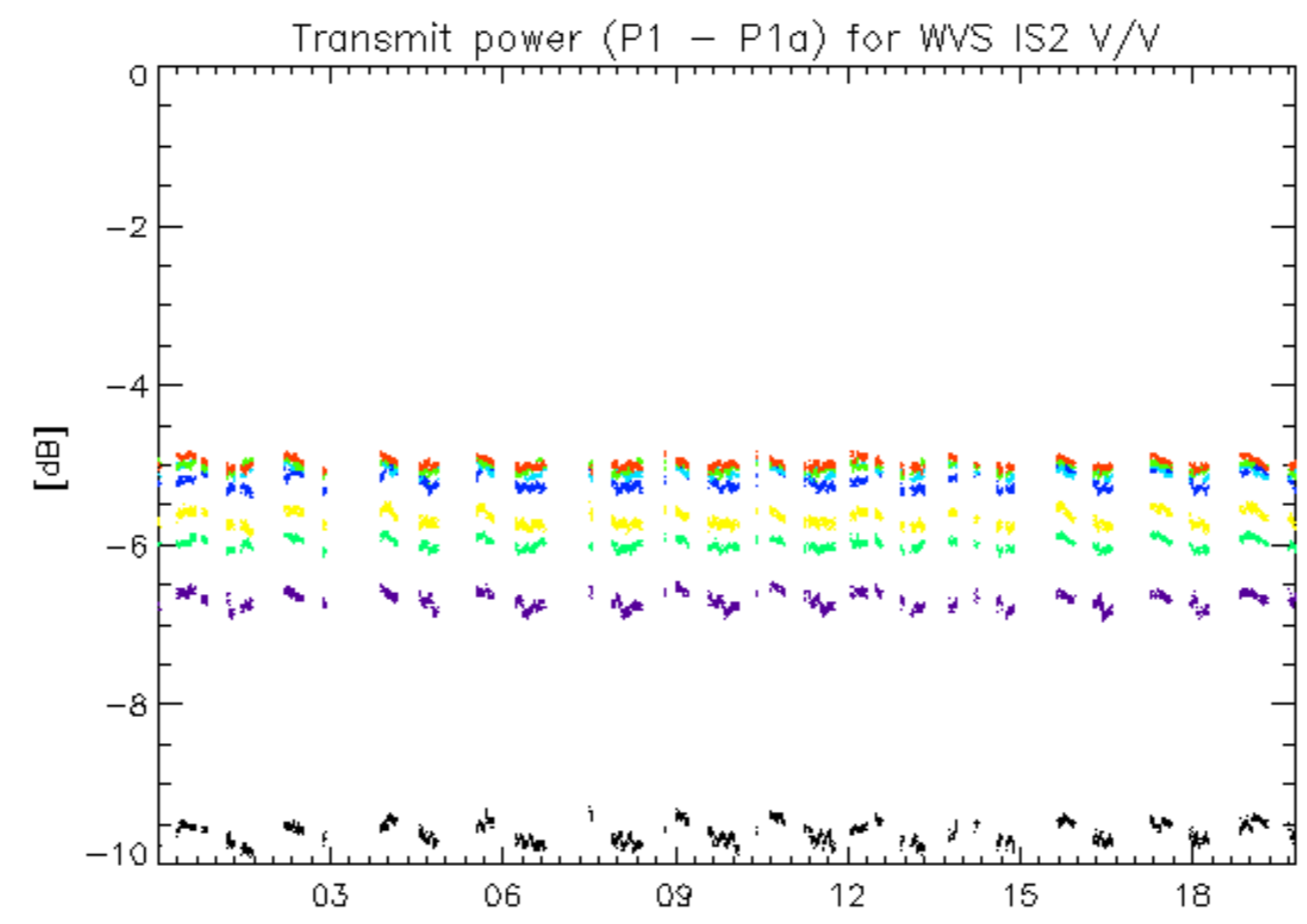


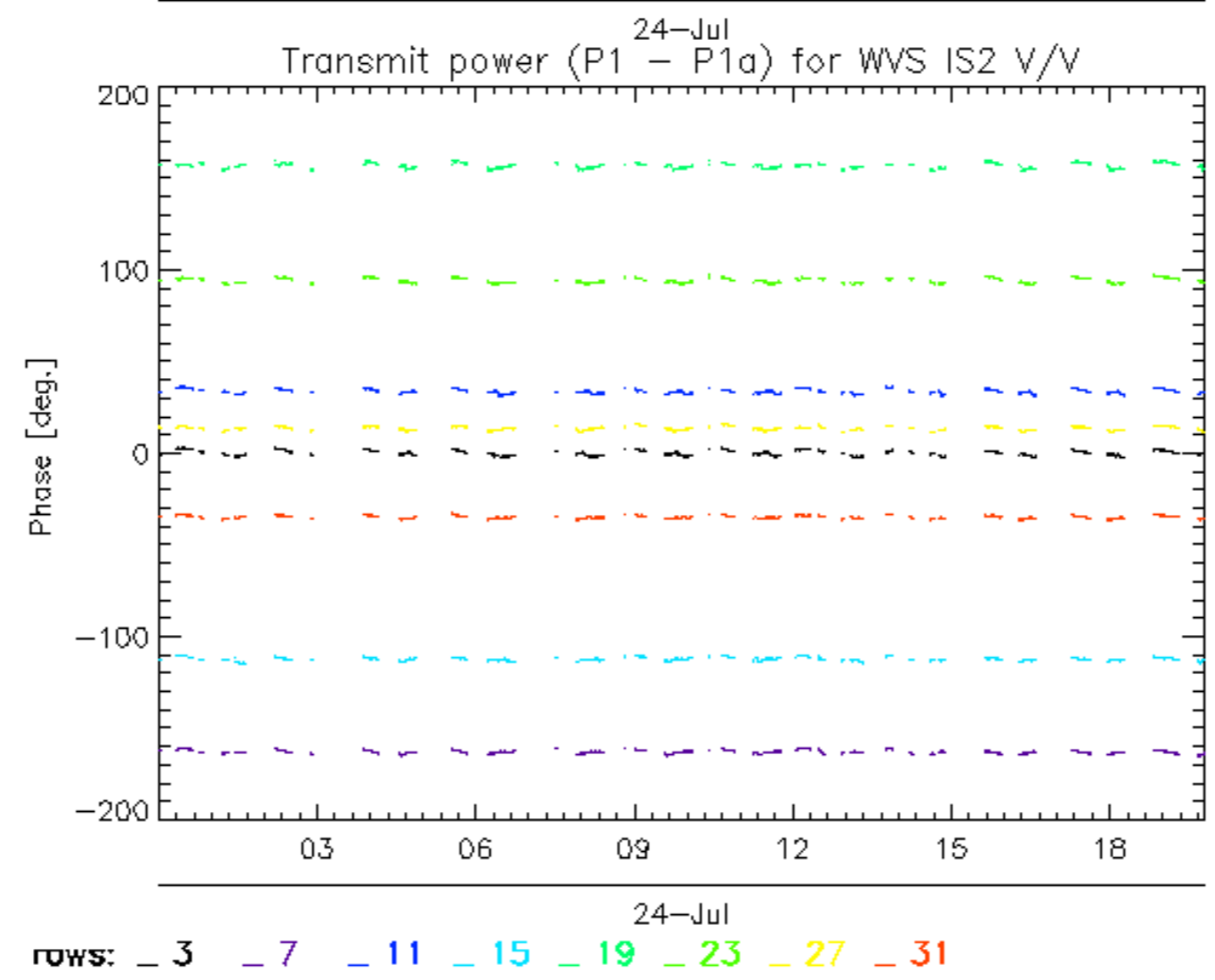
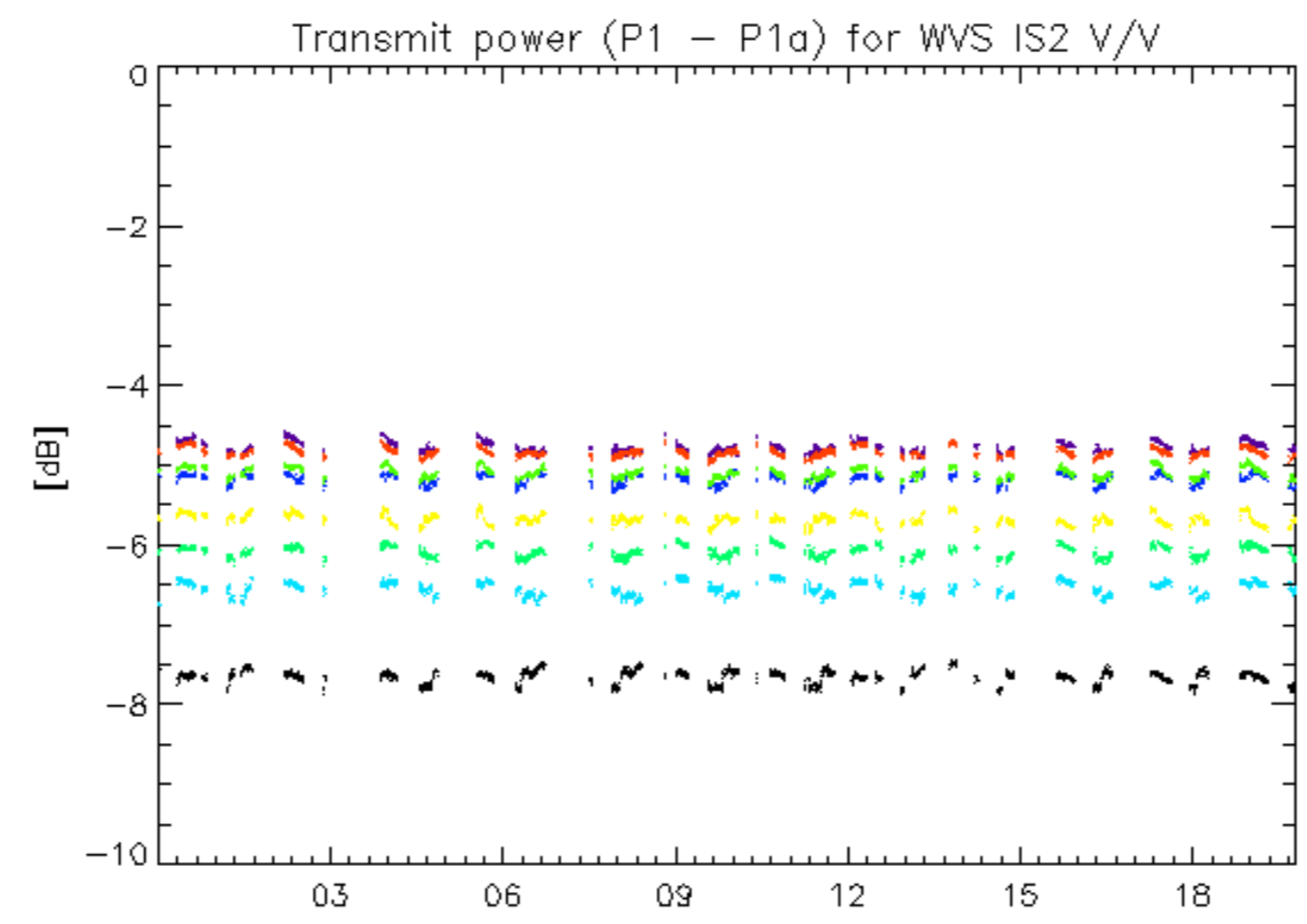


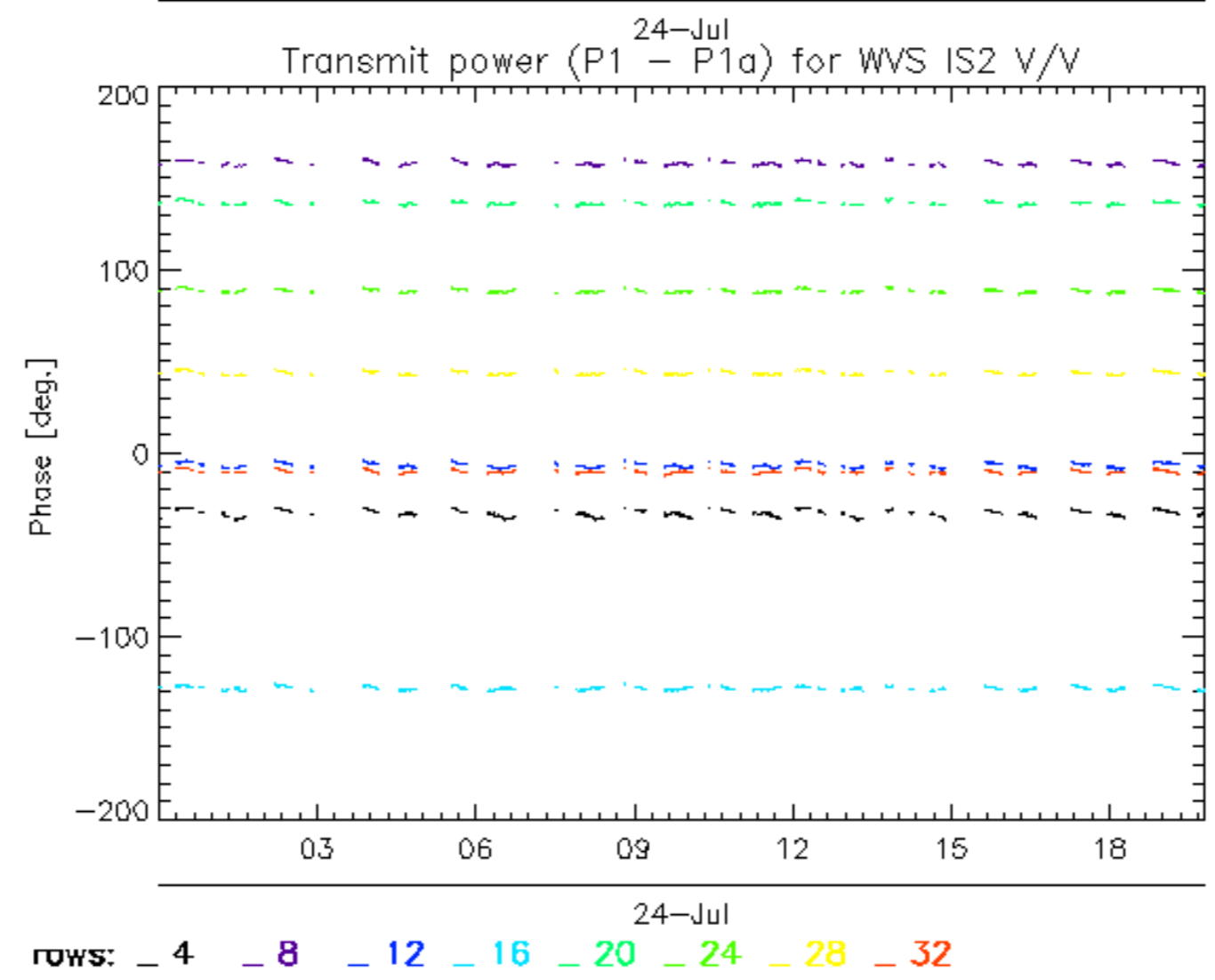
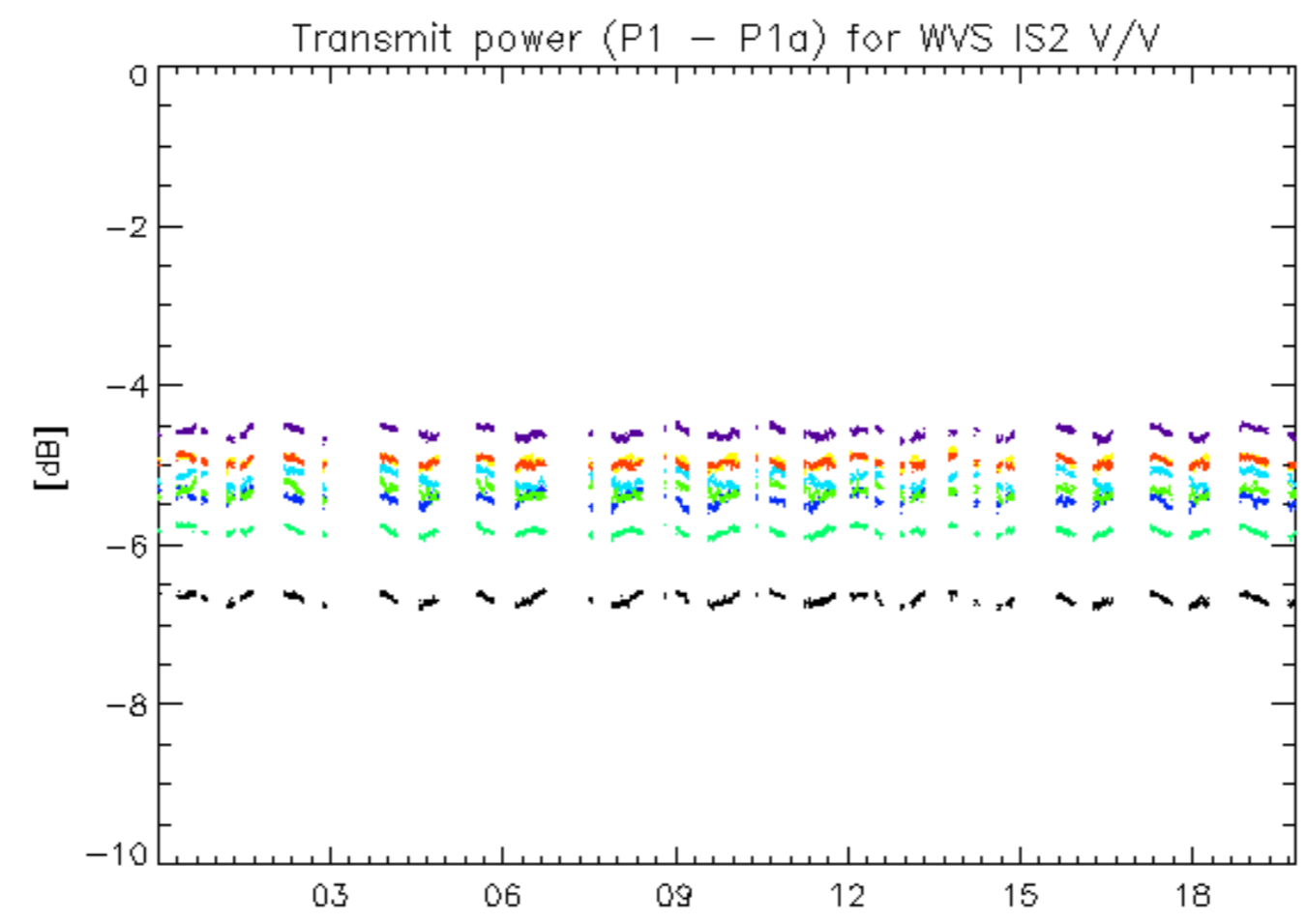


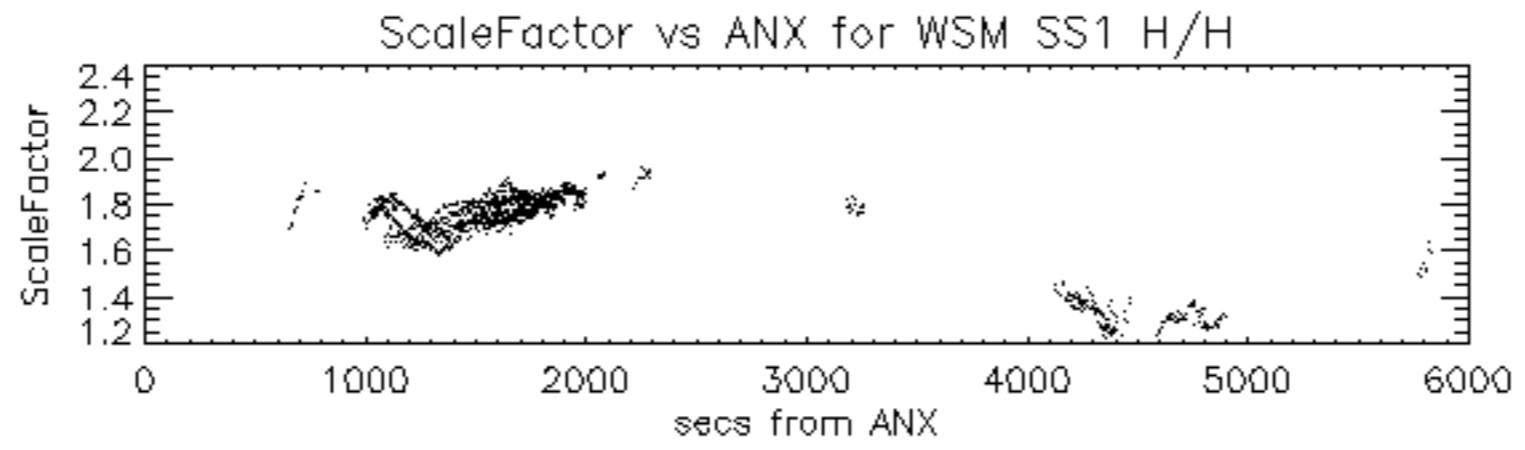


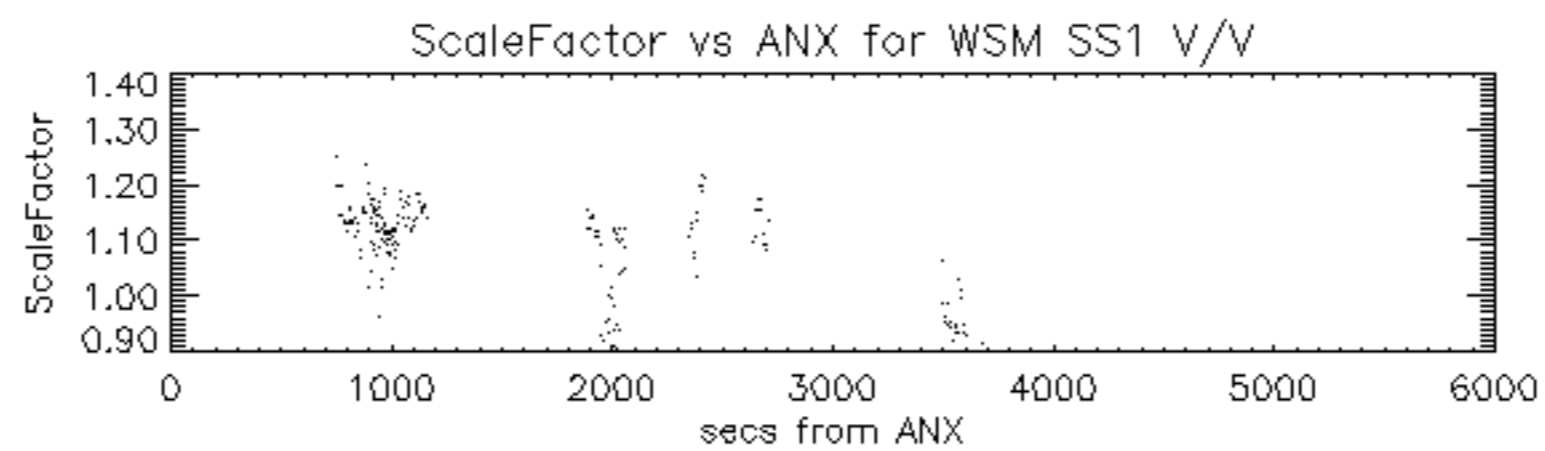


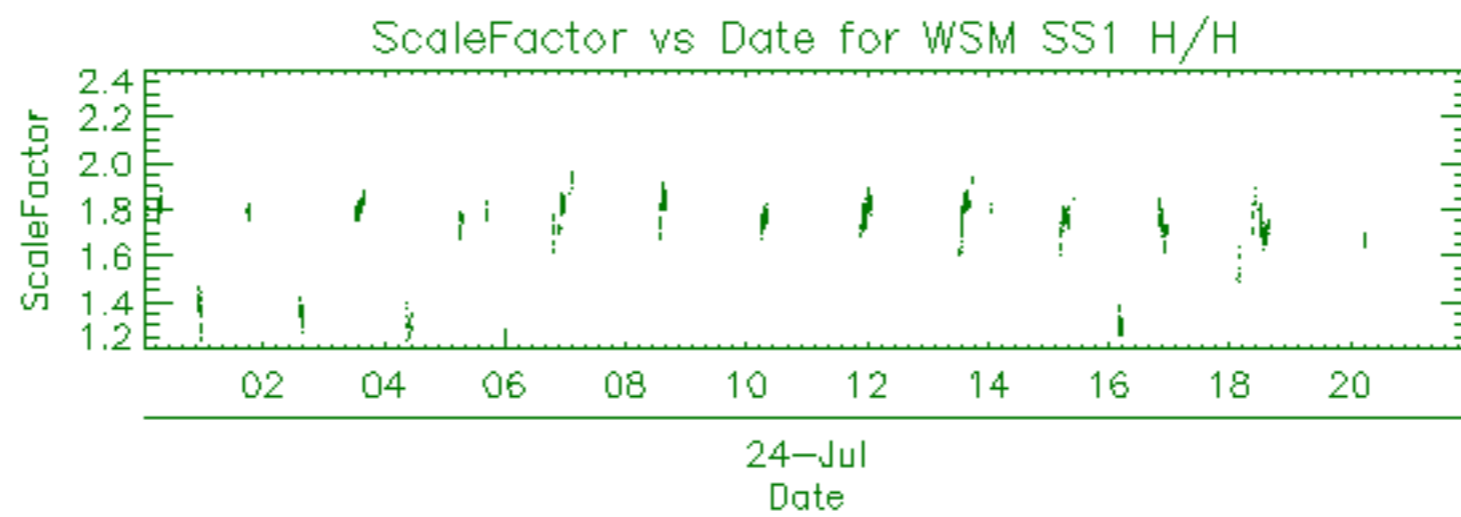


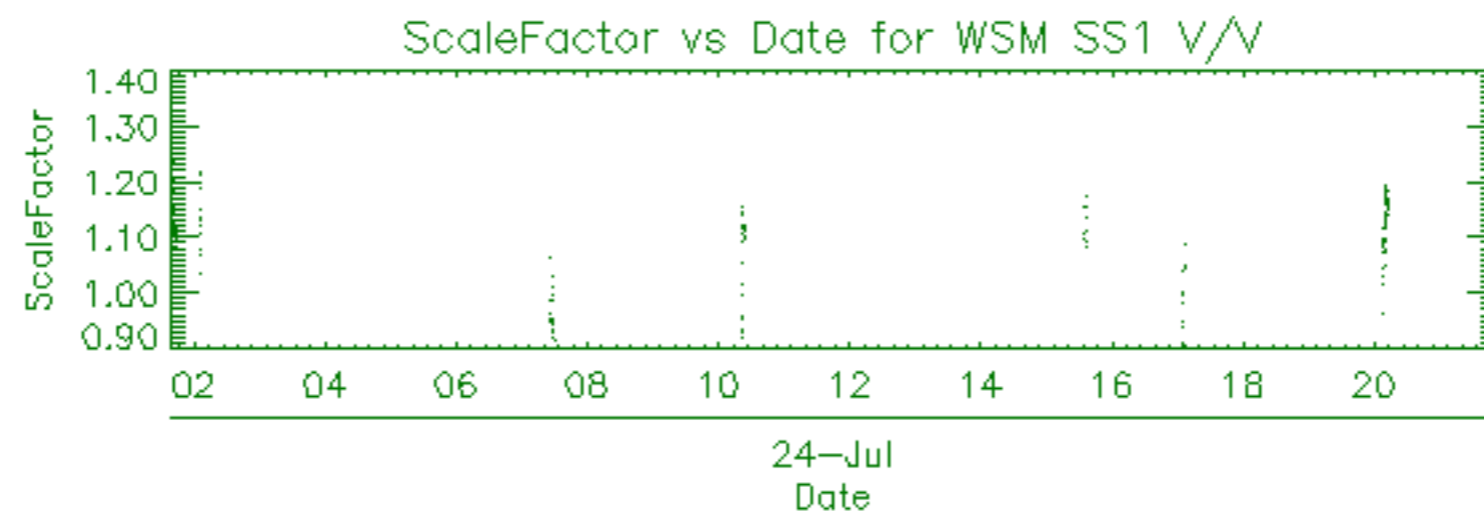












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20090724_071855_000001512081_00049_38680_0511.N1						IS4	V/V	81	38680 49 4.07
ASA_APM_1PNPDE20090724_150125_000000432081_00054_38685_1853.N1						IS1	H/H	81	38685 54 4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20090724_000902_000003082081_00045_38676_1420.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_000902_000003082081_00045_38676_1677.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_003934_000003622081_00045_38676_1622.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_005148_000001502081_00045_38676_1620.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_005148_000001502081_00045_38676_1673.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_005914_000006942081_00045_38676_0605.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_005914_000006942081_00045_38676_1659.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_011940_000004042081_00045_38676_1082.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_011940_000004042081_00045_38676_1627.N1						SS1	H/H	81	38676	45	4.07
ASA_GM1_1PNPDE20090724_014546_000011782081_00046_38677_0713.N1						SS1	H/H	81	38677	46	4.07
ASA_GM1_1PNPDE20090724_014546_000011782081_00046_38677_1392.N1						SS1	H/H	81	38677	46	4.07
ASA_GM1_1PNPDE20090724_020903_000000842081_00046_38677_1075.N1						SS1	H/H	81	38677	46	4.07
ASA_GM1_1PNPDE20090724_020903_000000842081_00046_38677_0702.N1						SS1	H/H	81	38677	46	4.07
ASA_GM1_1PNPDE20090724_023224_000002232081_00046_38677_0349.N1						SS1	H/H	81	38677	46	4.07
ASA_GM1_1PNPDE20090724_023224_000002232081_00046_38677_0624.N1						SS1	H/H	81	38677	46	4.07
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ASA_GM1_1PNPDE20090724_024015_000006702081_00046_38677_0397.N1						SS1	H/H	81	38677	46	4.07
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ASA_GM1_1PNPDE20090724_025717_000004592081_00046_38677_1073.N1						SS1	H/H	81	38677	46	4.07
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ASA_GM1_1PNPDE20090724_031727_000006102081_00047_38678_1077.N1						SS1	H/H	81	38678	47	4.07
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ASA_GM1_1PNPDE20090724_045819_000000842081_00048_38679_0082.N1						SS1	H/H	81	38679	48	4.07
ASA_GM1_1PNPDE20090724_050035_000001502081_00048_38679_0080.N1						SS1	H/H	81	38679	48	4.07
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ASA_GM1_1PNPDK20090724_055621_000001992081_00048_38679_1580.N1						SS1	H/H	81	38679	48	4.07
ASA_GM1_1PNPDK20090724_060127_000006702081_00048_38679_1593.N1						SS1	H/H	81	38679	48	4.07
ASA_GM1_1PNPDK20090724_064418_000001992081_00049_38680_1595.N1						SS1	H/H	81	38680	49	4.07
ASA_GM1_1PNPDK20090724_064912_000002772081_00049_38680_1597.N1						SS1	H/H	81	38680	49	4.07
ASA_GM1_1PNPDK20090724_065921_000003442081_00049_38680_1671.N1						SS1	H/H	81	38680	49	4.07
ASA_GM1_1PNPDK20090724_070643_000004472081_00049_38680_1673.N1						SS1	H/H	81	38680	49	4.07
ASA_GM1_1PNPDK20090724_071648_000001262081_00049_38680_1675.N1						SS1	H/H	81	38680	49	4.07
ASA_GM1_1PNPDK20090724_072148_000002712081_00049_38680_1677.N1						SS1	H/H	81	38680	49	4.07
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ASA_GM1_1PNPDK20090724_085222_000002172081_00050_38681_1925.N1						SS1	H/H	81	38681	50	4.07
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ASA_GM1_1PNPDK20090724_091448_000002952081_00050_38681_1923.N1						SS1	H/H	81	38681	50	4.07
ASA_GM1_1PNPDK20090724_092647_000004222081_00050_38681_1828.N1						SS1	H/H	81	38681	50	4.07
ASA_GM1_1PNPDK20090724_100631_000003742081_00051_38682_1886.N1						SS1	H/H	81	38682	51	4.07
ASA_GM1_1PNPDK20090724_103146_000000842081_00051_38682_2048.N1						SS1	H/H	81	38682	51	4.07
ASA_GM1_1PNPDK20090724_103458_000001872081_00051_38682_2002.N1						SS1	H/H	81	38682	51	4.07
ASA_GM1_1PNPDK20090724_105524_000001502081_00051_38682_2004.N1						SS1	H/H	81	38682	51	4.07
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ASA_GM1_1PNPDK20090724_111126_000001812081_00051_38682_2041.N1						SS1	H/H	81	38682	51	4.07
ASA_GM1_1PNPDK20090724_114632_000004162081_00052_38683_2065.N1						SS1	H/H	81	38683	52	4.07
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ASA_GM1_1PNPDK20090724_145359_000004472081_00054_38685_2403.N1	SS1	H/H	81	38685	54	4.07
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ASA_GM1_1PNPDK20090724_182552_000001992081_00056_38687_2739.N1	SS1	H/H	81	38687	56	4.07
ASA_GM1_1PNPDK20090724_183848_000002592081_00056_38687_2879.N1	SS1	H/H	81	38687	56	4.07
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ASA_GM1_1PNPDK20090724_193210_000003142081_00056_38687_2883.N1	SS1	H/H	81	38687	56	4.07
ASA_GM1_1PNPDK20090724_194804_000008272081_00056_38687_2885.N1	SS1	H/H	81	38687	56	4.07
ASA_GM1_1PNPDK20090724_200243_000003082081_00057_38688_2898.N1	SS1	H/H	81	38688	57	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion						
ASA_IMM_1PNPDE20090724_000502_000000632081_00045_38676_0381.N1						IS2	H/H	81	38676	45	4.07	
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1059.N1						IS2	H/H	81	38676	45	4.07	
ASA_IMM_1PNPDE20090724_000502_000001232081_00045_38676_1374.N1						IS2	H/H	81	38676	45	4.07	
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ASA_IMM_1PNPDE20090724_000705_000001052081_00045_38676_0629.N1						IS2	H/H	81	38676	45	4.07	
ASA_IMM_1PNPDE20090724_000705_000000602081_00045_38676_0911.N1						IS2	H/H	81	38676	45	4.07	
ASA_IMM_1PNPDE20090724_000705_000000602081_00045_38676_1686.N1						IS2	H/H	81	38676	45	4.07	
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0316.N1						IS2	V/V	81	38677	46	4.07	
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_0420.N1						IS2	V/V	81	38677	46	4.07	
ASA_IMM_1PNPDE20090724_020730_000000632081_00046_38677_0649.N1						IS2	V/V	81	38677	46	4.07	
ASA_IMM_1PNPDE20090724_020730_000000822081_00046_38677_1310.N1						IS2	V/V	81	38677	46	4.07	
ASA_IMM_1PNPDE20090724_030452_000000792081_00046_38677_0357.N1						IS6	H/H	81	38677	46	4.07	
ASA_IMM_1PNPDE20090724_030452_000000622081_00046_38677_0645.N1						IS6	H/H	81	38677	46	4.07	
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ASA_IMM_1PNPDE20090724_032737_000000382081_00047_38678_0199.N1						IS5	V/V	81	38678	47	4.07	
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ASA_IMM_1PNPDE20090724_045615_000001142081_00048_38679_0418.N1						IS2	V/V	81	38679	48	4.07	
ASA_IMM_1PNPDE20090724_045719_000000502081_00048_38679_0058.N1						IS2	V/V	81	38679	48	4.07	
ASA_IMM_1PNPDE20090724_045941_000000432081_00048_38679_0470.N1						IS1	V/V	81	38679	48	4.07	
ASA_IMM_1PNPDE20090724_050302_000000622081_00048_38679_9988.N1						IS4	V/V	81	38679	48	4.07	
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ASA_IMM_1PNPDE20090724_071408_000000632081_00049_38680_1024.N1						IS2	V/V	81	38680	49	4.07	
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ASA_IMM_1PNPDK20090724_084356_000001622081_00050_38681_1822.N1						IS2	V/V	81	38681	50	4.07	
ASA_IMM_1PNPDE20090724_135813_000000332081_00053_38684_1728.N1						IS2	V/V	81	38684	53	4.07	
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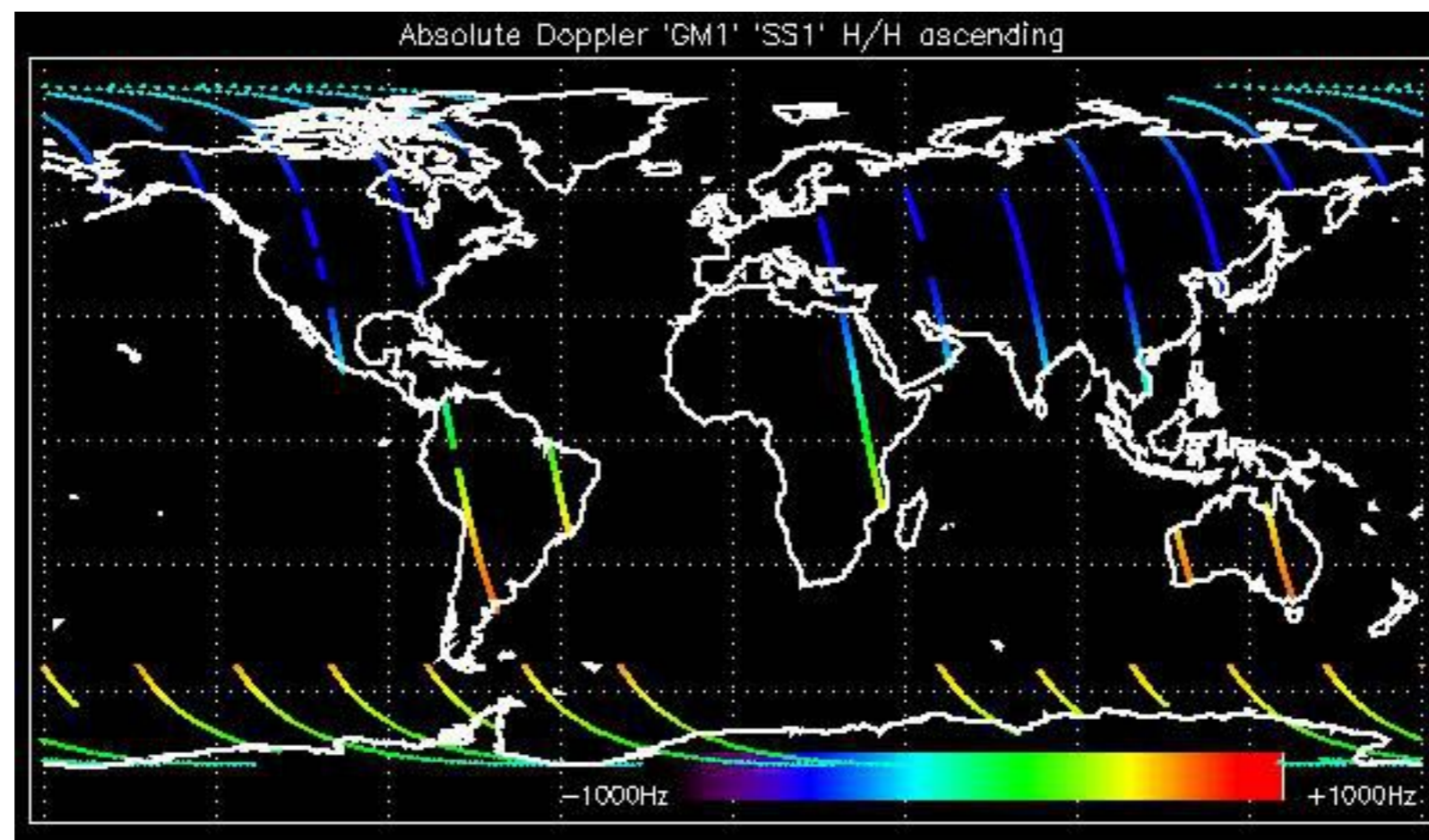
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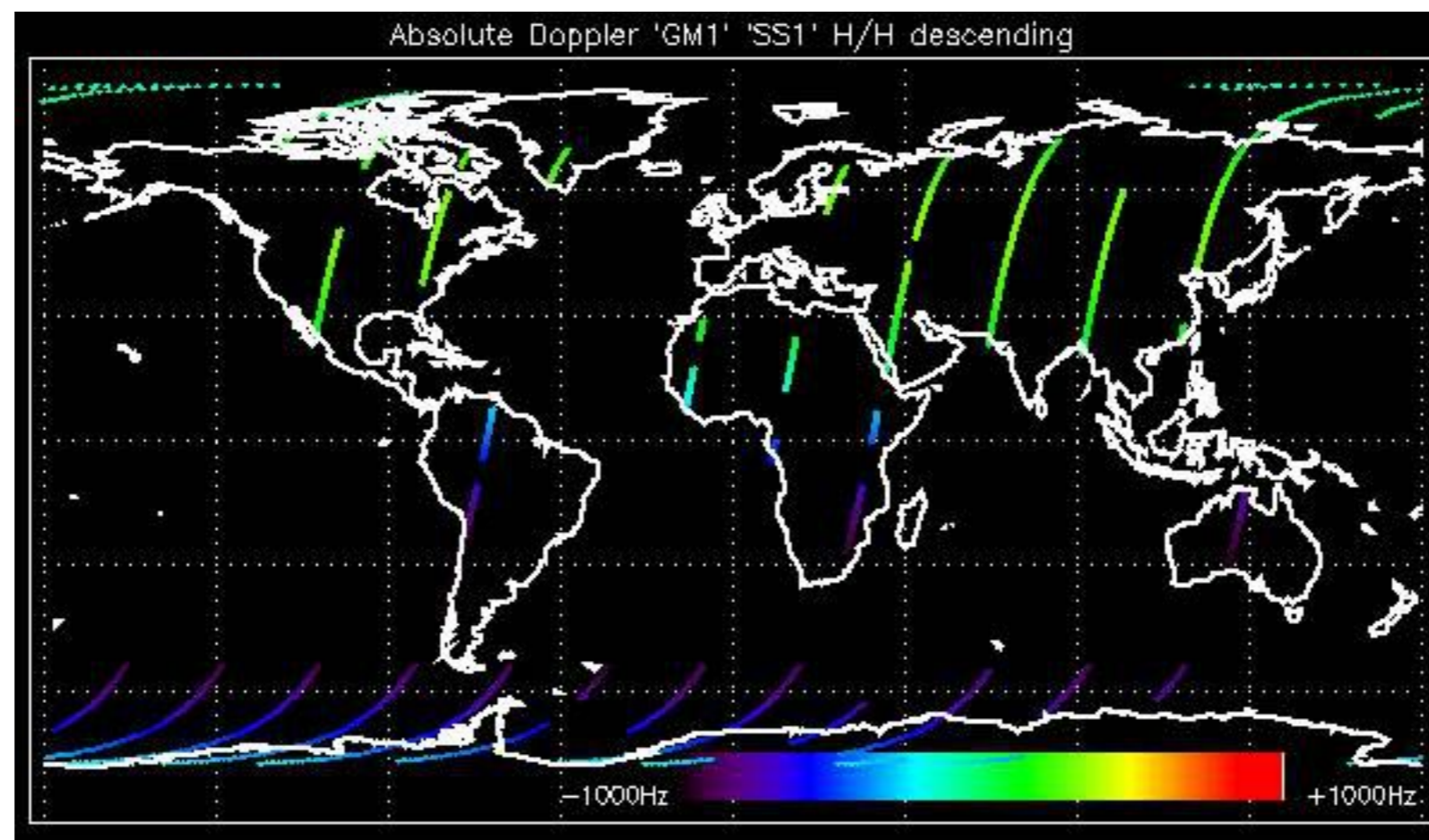


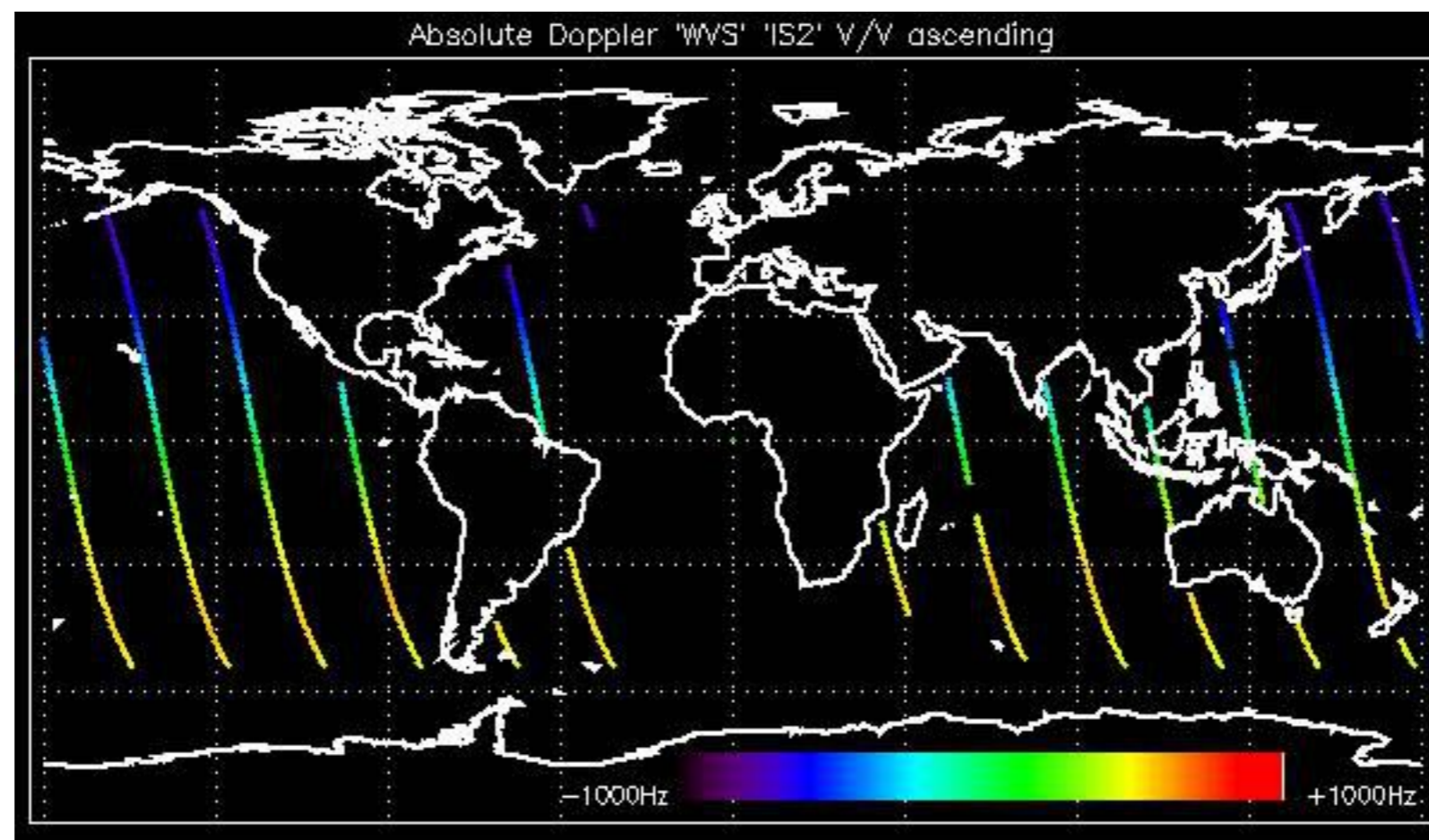
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ASA_WSM_1PNPDE20090724_000214_000000732081_00045_38676_1690.N1			000214	000000732081	00045_38676_1690.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0375.N1			000328	000000612081	00045_38676_0375.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0954.N1			000328	000000612081	00045_38676_0954.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_1285.N1			000328	000000612081	00045_38676_1285.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_0905.N1			000328	000000612081	00045_38676_0905.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_000328_000000612081_00045_38676_1657.N1			000328	000000612081	00045_38676_1657.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001416_000000732081_00045_38676_0450.N1			001416	000000732081	00045_38676_0450.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001416_000001352081_00045_38676_1947.N1			001416	000001352081	00045_38676_1947.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001530_000002322081_00045_38676_1431.N1			001530	000002322081	00045_38676_1431.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001631_000001162081_00045_38676_0631.N1			001631	000001162081	00045_38676_0631.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001631_000001702081_00045_38676_1859.N1			001631	000001702081	00045_38676_1859.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001726_000000612081_00045_38676_1184.N1			001726	000000612081	00045_38676_1184.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_001726_000001152081_00045_38676_1948.N1			001726	000001152081	00045_38676_1948.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_005425_000001902081_00045_38676_1205.N1			005425	000001902081	00045_38676_1205.N1	SS1 H/H	81	38676	45	4.07
ASA_WSM_1PNPDE20090724_005425_000000732081_00045_38676_1394.N1			005425	000000732081	00045_38676_1394.N1	SS1 H/H	81	38676	45	4.07
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ASA_WSM_1PNPDE20090724_013849_000001352081_00046_38677_0671.N1			013849	000001352081	00046_38677_0671.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_013849_000000732081_00046_38677_1312.N1			013849	000000732081	00046_38677_1312.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_013849_000001352081_00046_38677_1190.N1			013849	000001352081	00046_38677_1190.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_013849_000001352081_00046_38677_1578.N1			013849	000001352081	00046_38677_1578.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_013849_000002992081_00046_38677_1869.N1			013849	000002992081	00046_38677_1869.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_013849_000002992081_00046_38677_1921.N1			013849	000002992081	00046_38677_1921.N1	SS1 V/V	81	38677	46	4.07
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ASA_WSM_1PNPDE20090724_020528_000000922081_00046_38677_0639.N1			020528	000000922081	00046_38677_0639.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_020528_000000732081_00046_38677_0694.N1			020528	000000732081	00046_38677_0694.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_020528_000000922081_00046_38677_1837.N1			020528	000000922081	00046_38677_1837.N1	SS1 V/V	81	38677	46	4.07
ASA_WSM_1PNPDE20090724_020642_000000182081_00046_38677_1653.N1			020642	000000182081	00046_38677_1653.N1	SS1 V/V	81	38677	46	4.07
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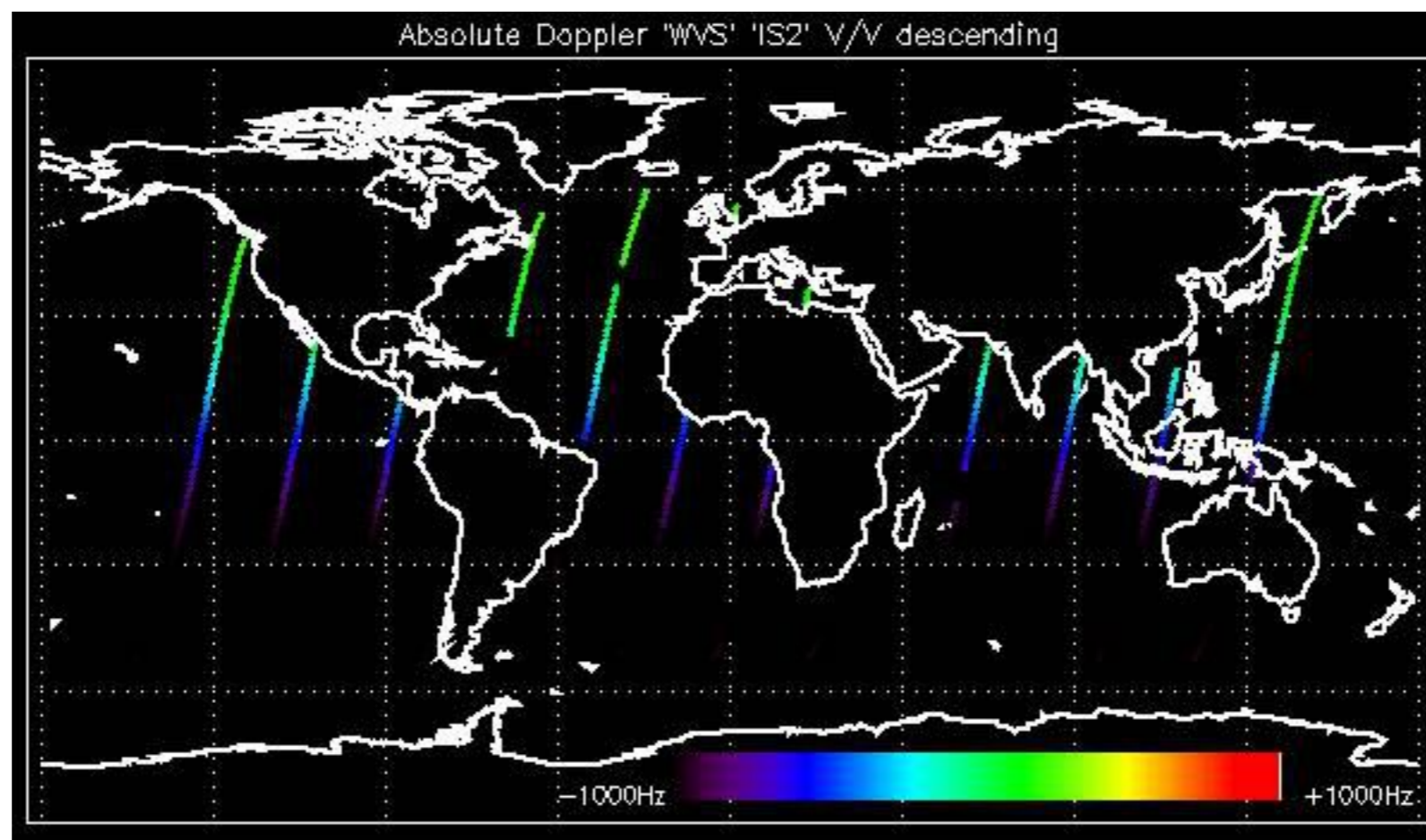
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ASA_WSM_1PNPDK20090724_201320_000000972081_00057_38688_2990.N1	SS1	H/H	81	38688	57	4.07
ASA_WSM_1PNPDK20090724_214839_000001212081_00058_38689_3060.N1	SS1	V/V	81	38689	58	4.07
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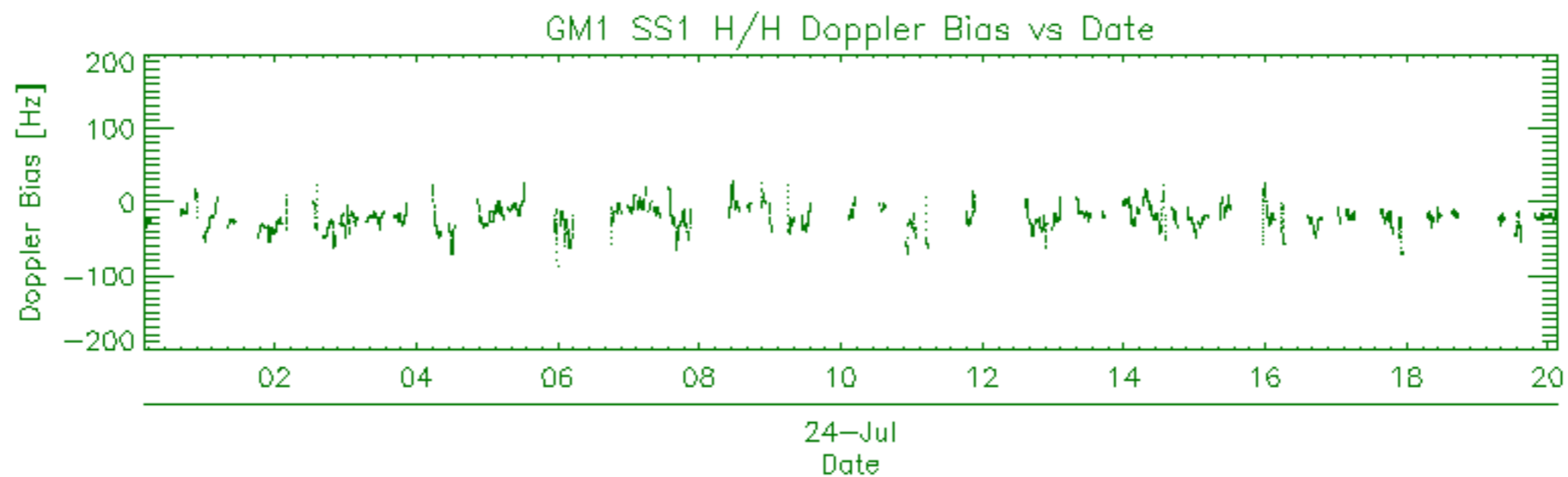
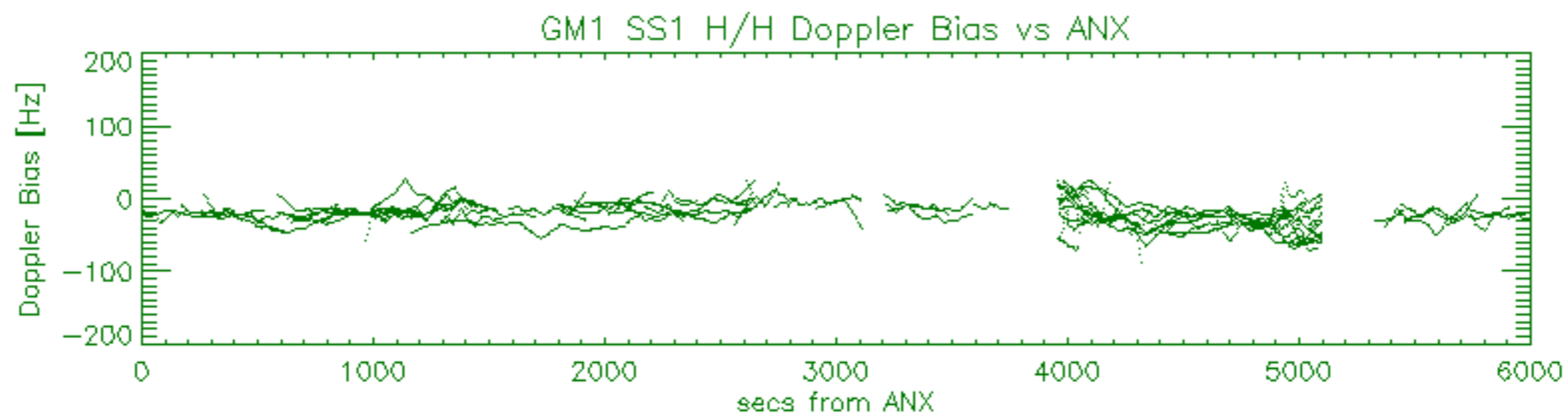
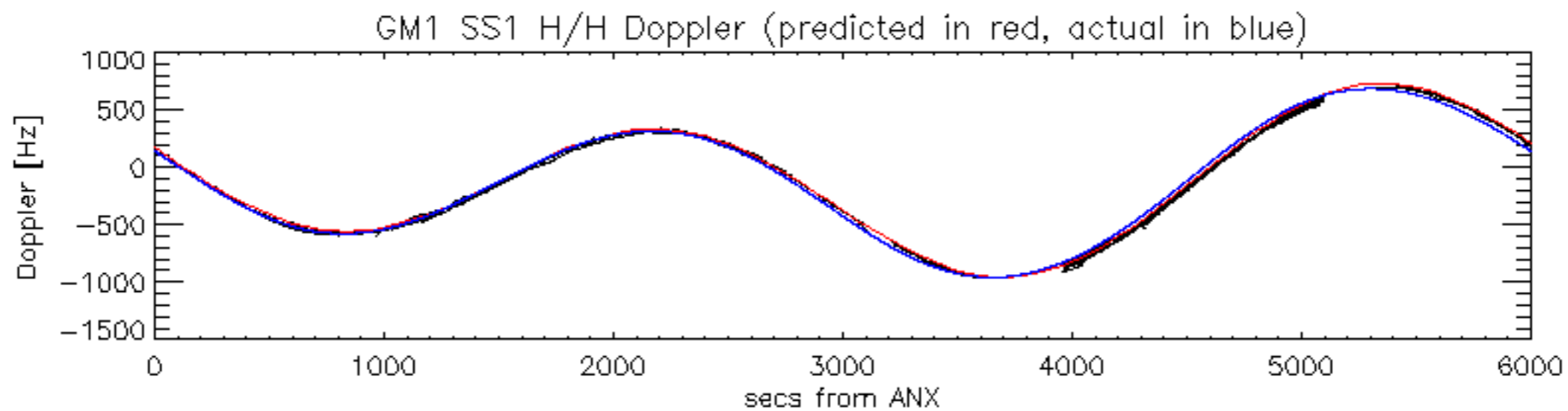
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ASA_WVS_1PNPDE20090724_001935_000011562081_00045_38676_1290.N1						IS2	V/V	81	38676	45	4.07
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ASA_WVS_1PNPDE20090724_004541_000003302081_00045_38676_0627.N1						IS2	V/V	81	38676	45	4.07
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_0616.N1						IS2	V/V	81	38676	45	4.07
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_1662.N1						IS2	V/V	81	38676	45	4.07
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ASA_WVS_1PNPDE20090724_011251_000003602081_00045_38676_0728.N1						IS2	V/V	81	38676	45	4.07
ASA_WVS_1PNPDE20090724_011051_000001792081_00045_38676_0616.N1						IS1	V/V	81	38676	45	4.07
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ASA_WVS_1PNPDK20090724_111426_000001052081_00051_38682_2028.N1						IS2	V/V	81	38682	51	4.07
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ASA_WVS_1PNPDK20090724_171539_000012892081_00055_38686_2742.N1						IS2	V/V	81	38686	55	4.07
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ASA_WVS_1PNPDK20090724_184913_000017092081_00056_38687_2888.N1						IS2	V/V	81	38687	56	4.07
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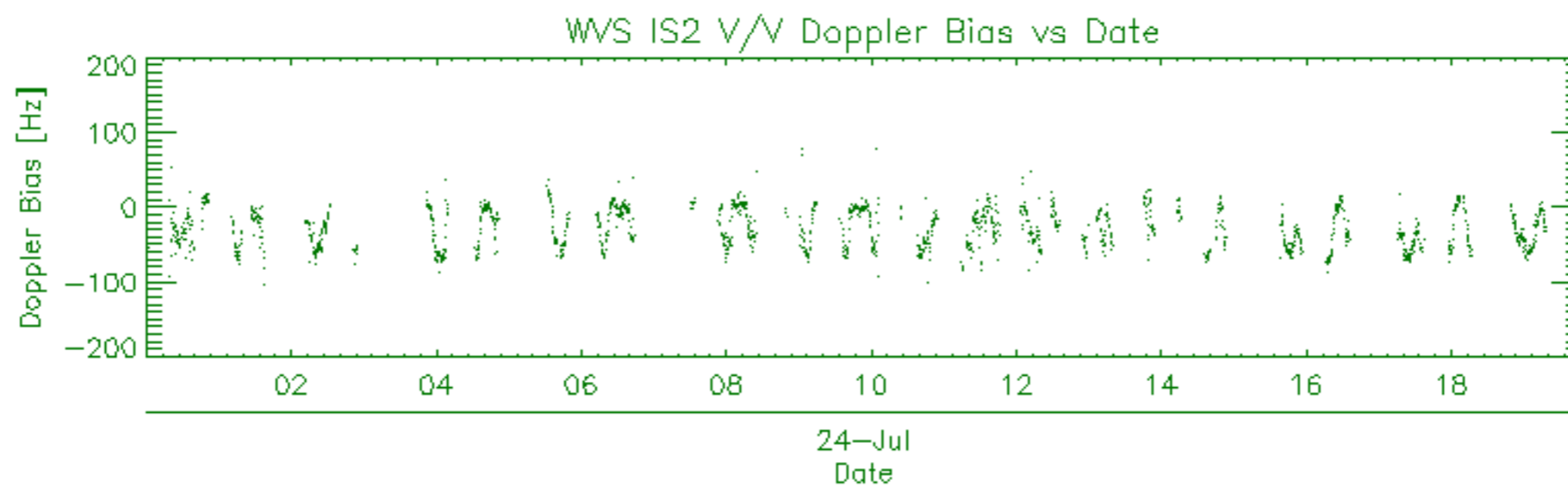
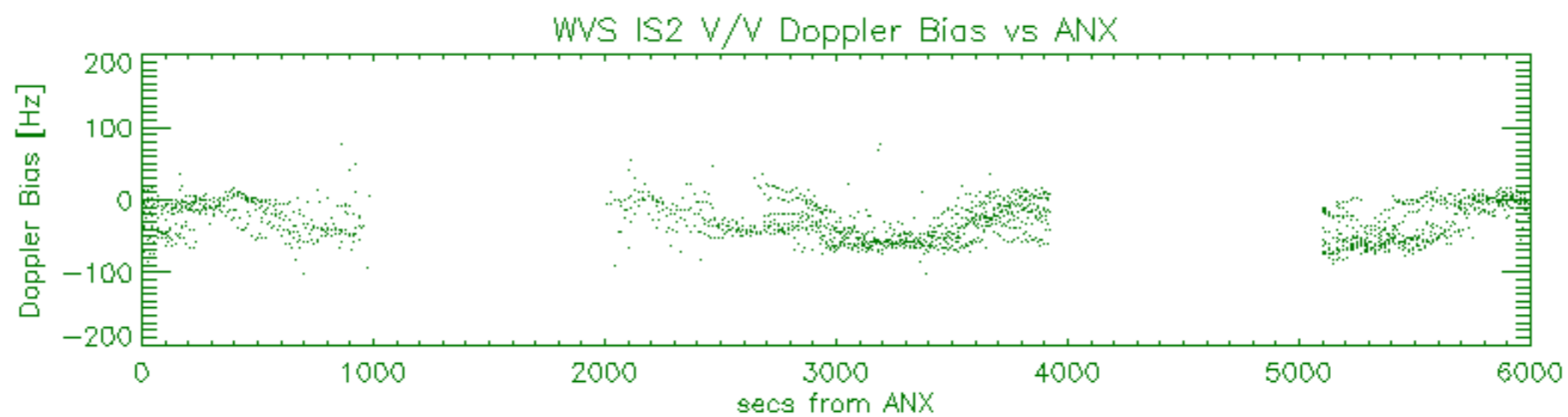
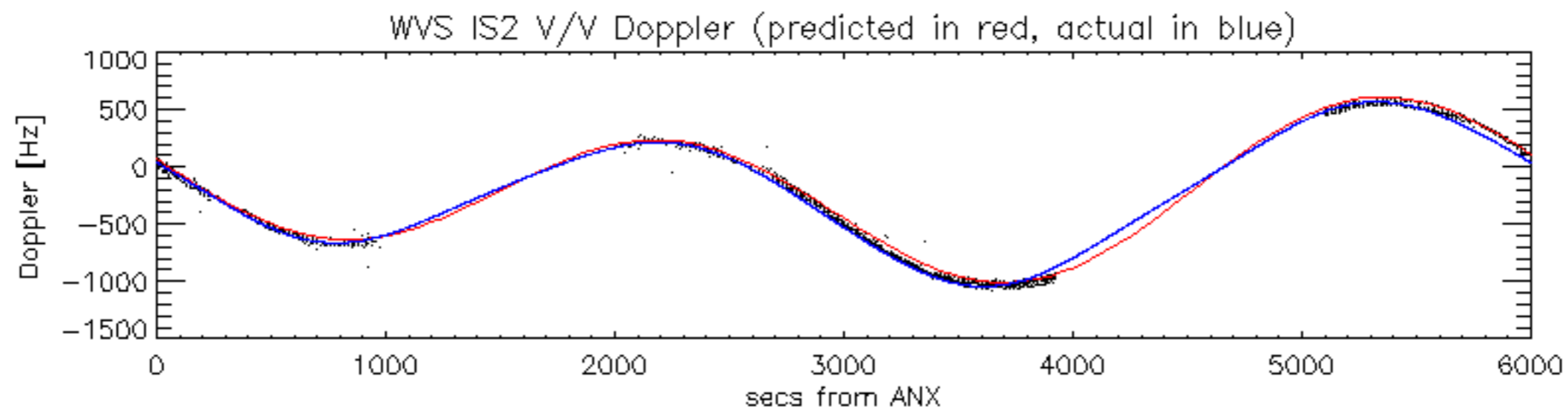


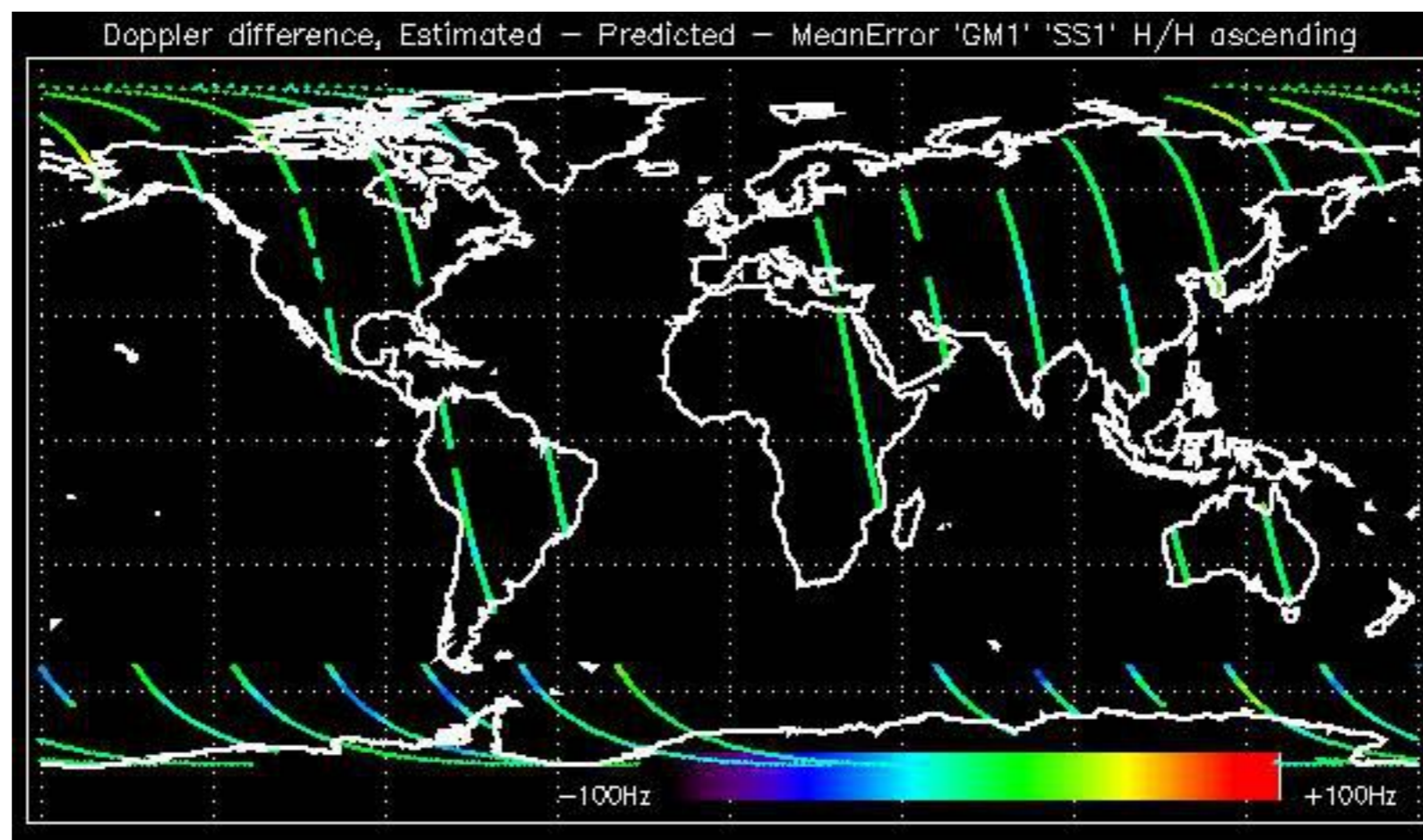


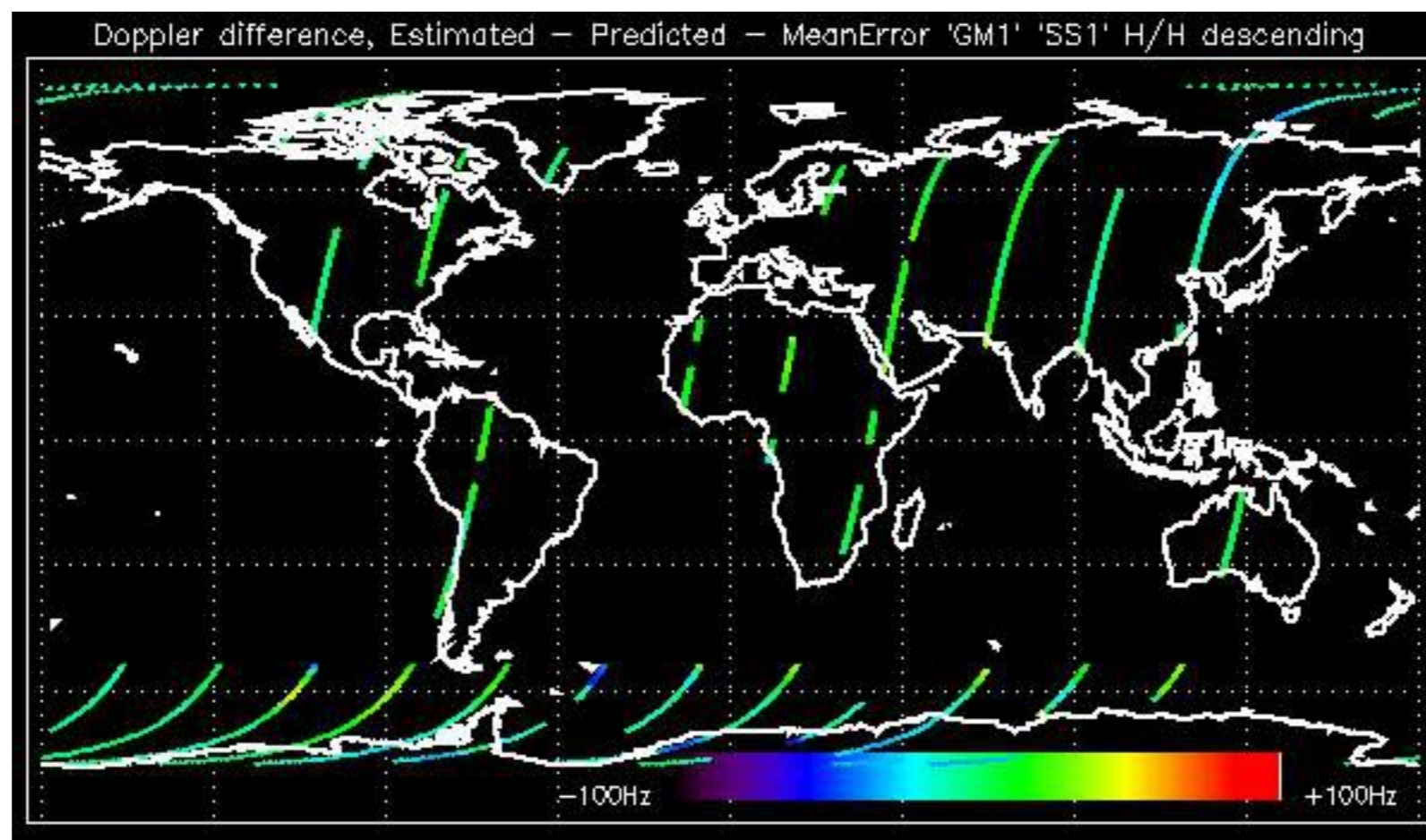


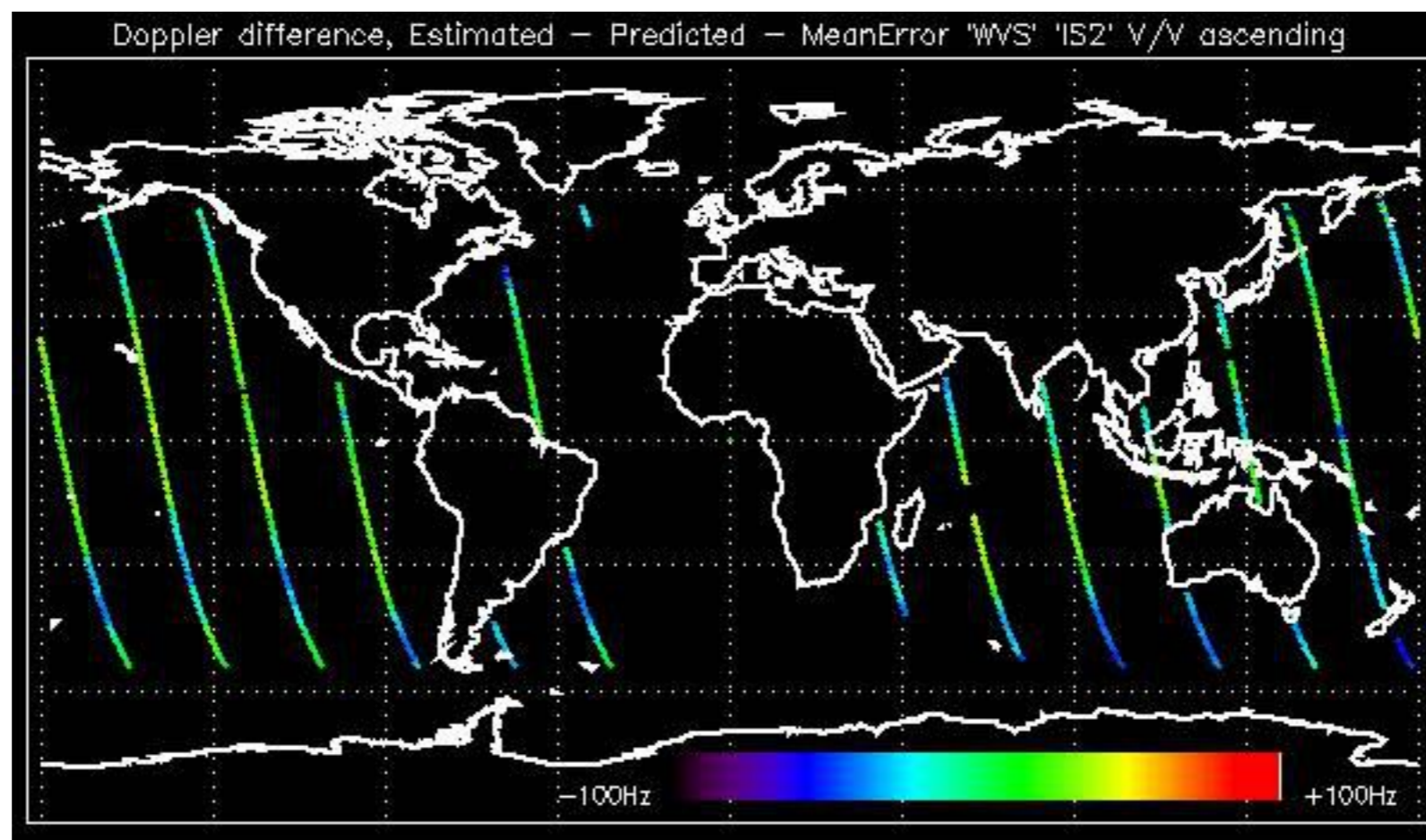


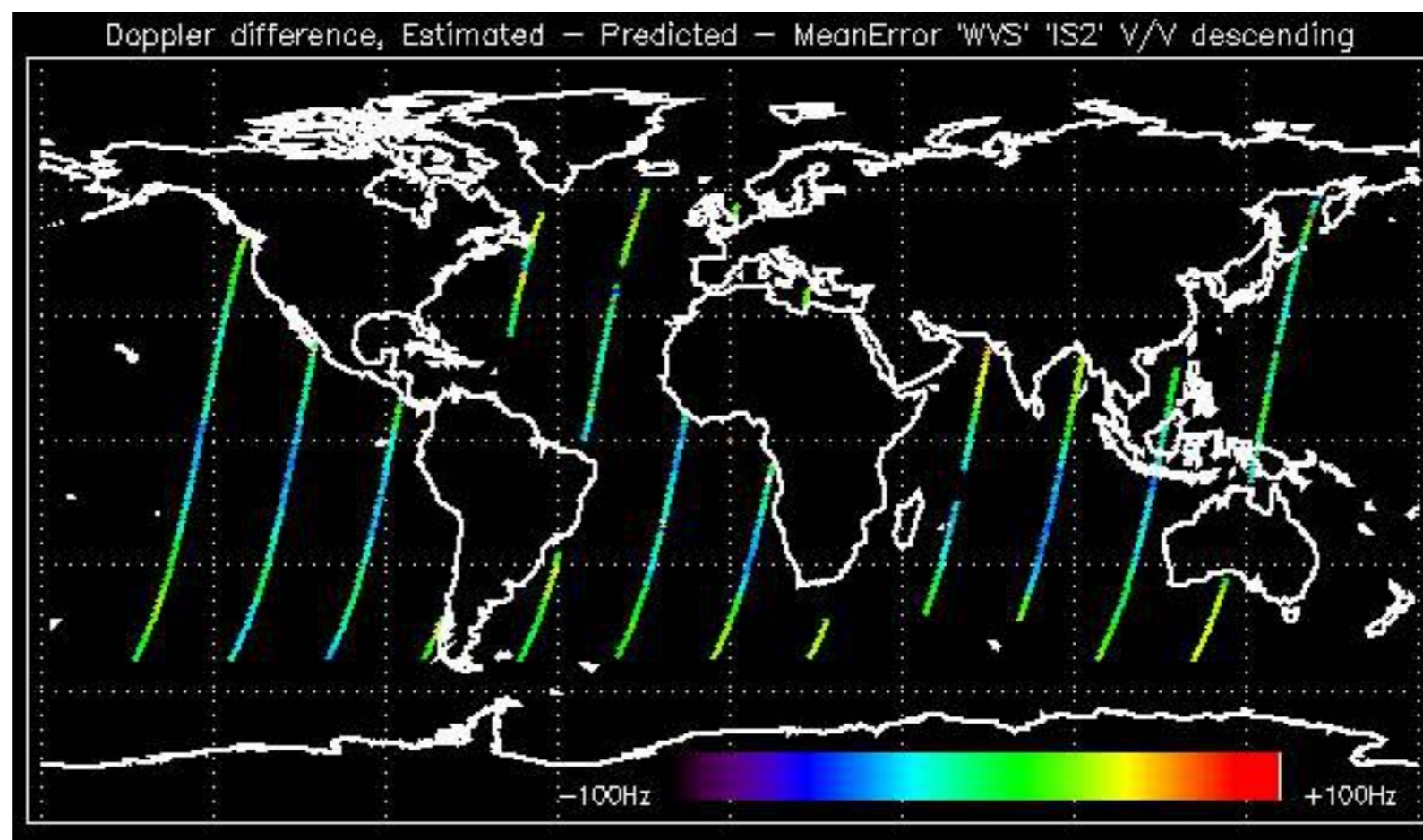


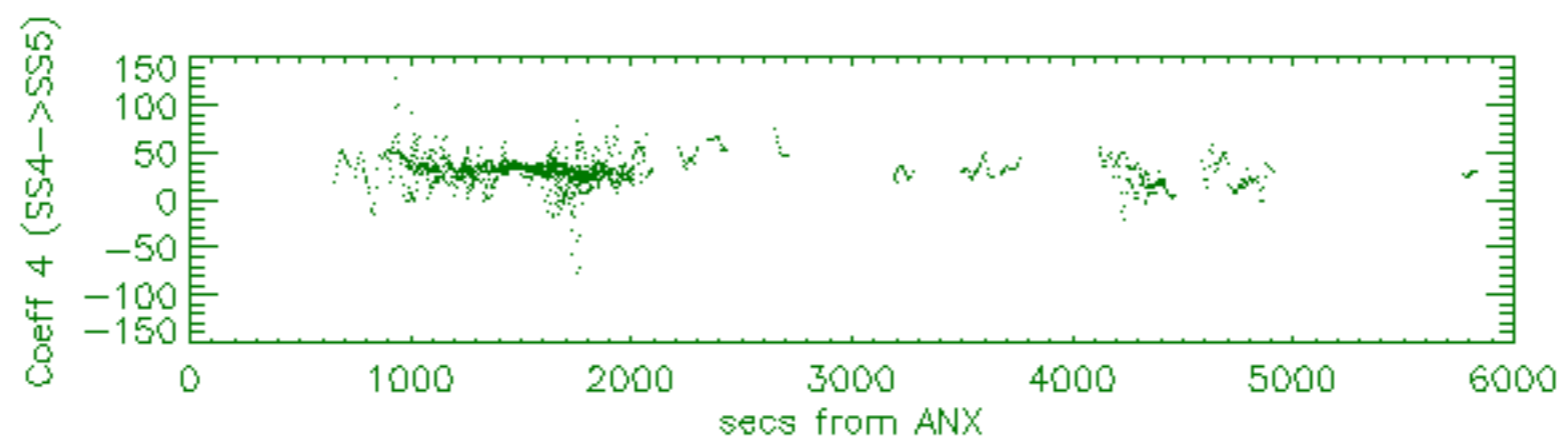
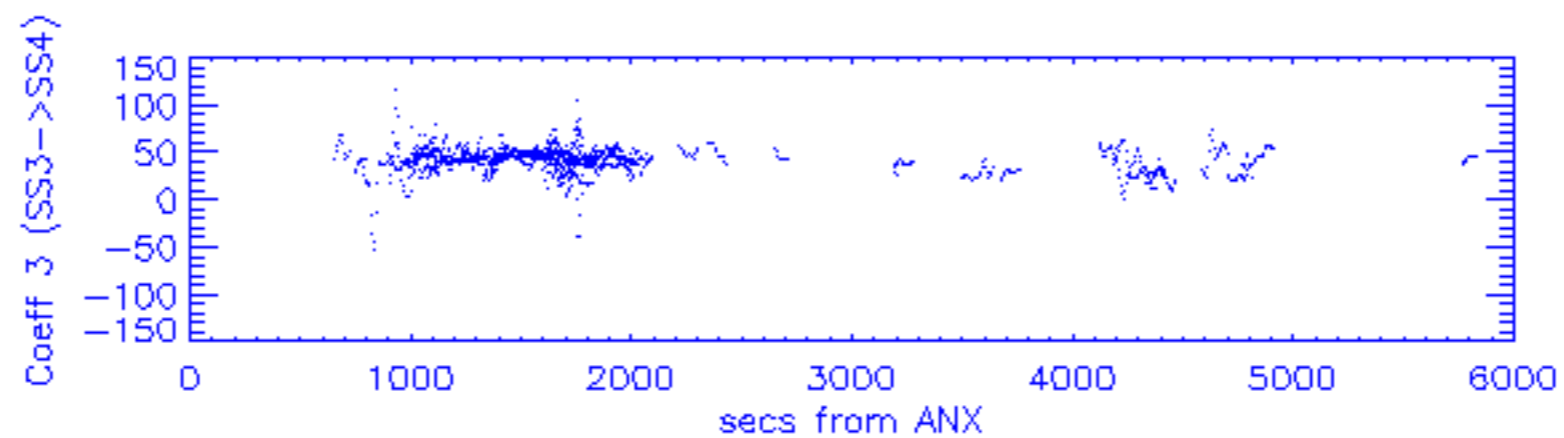
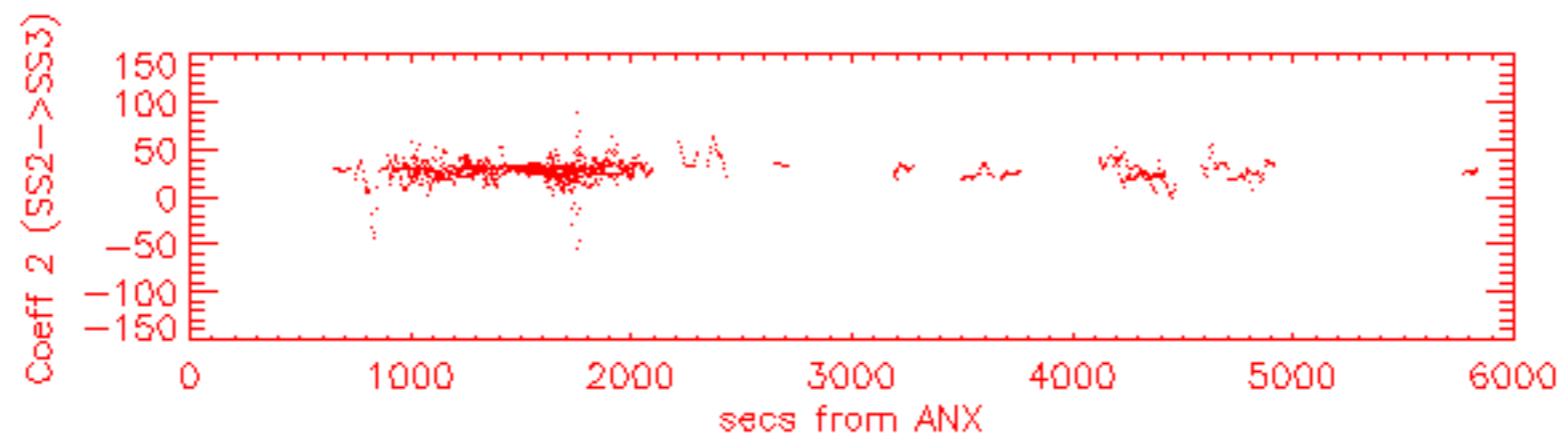
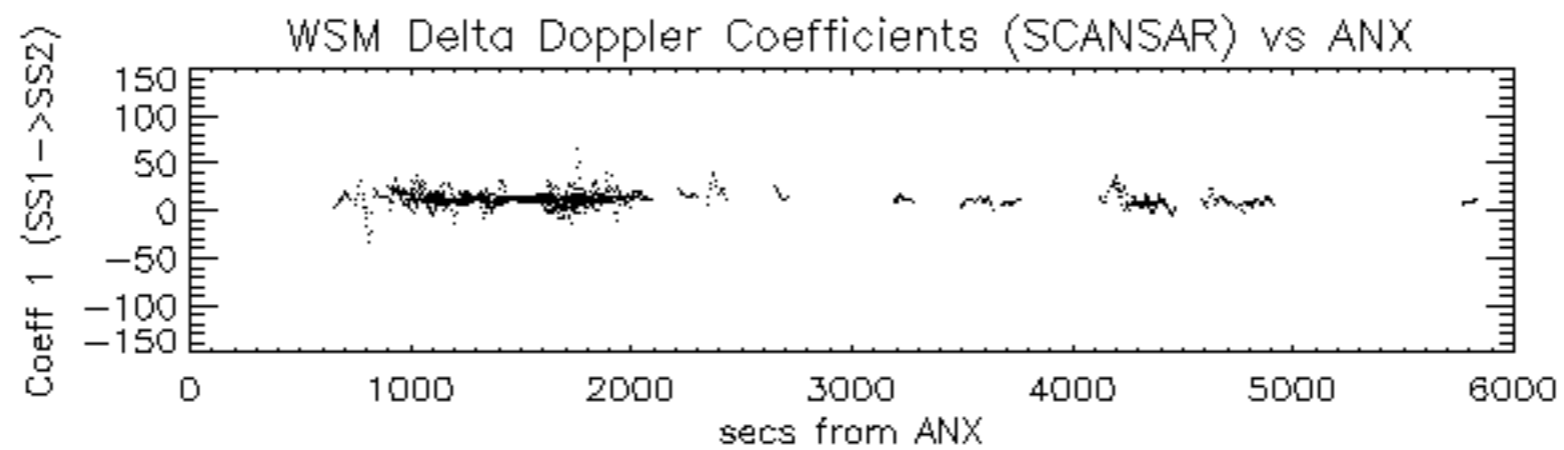


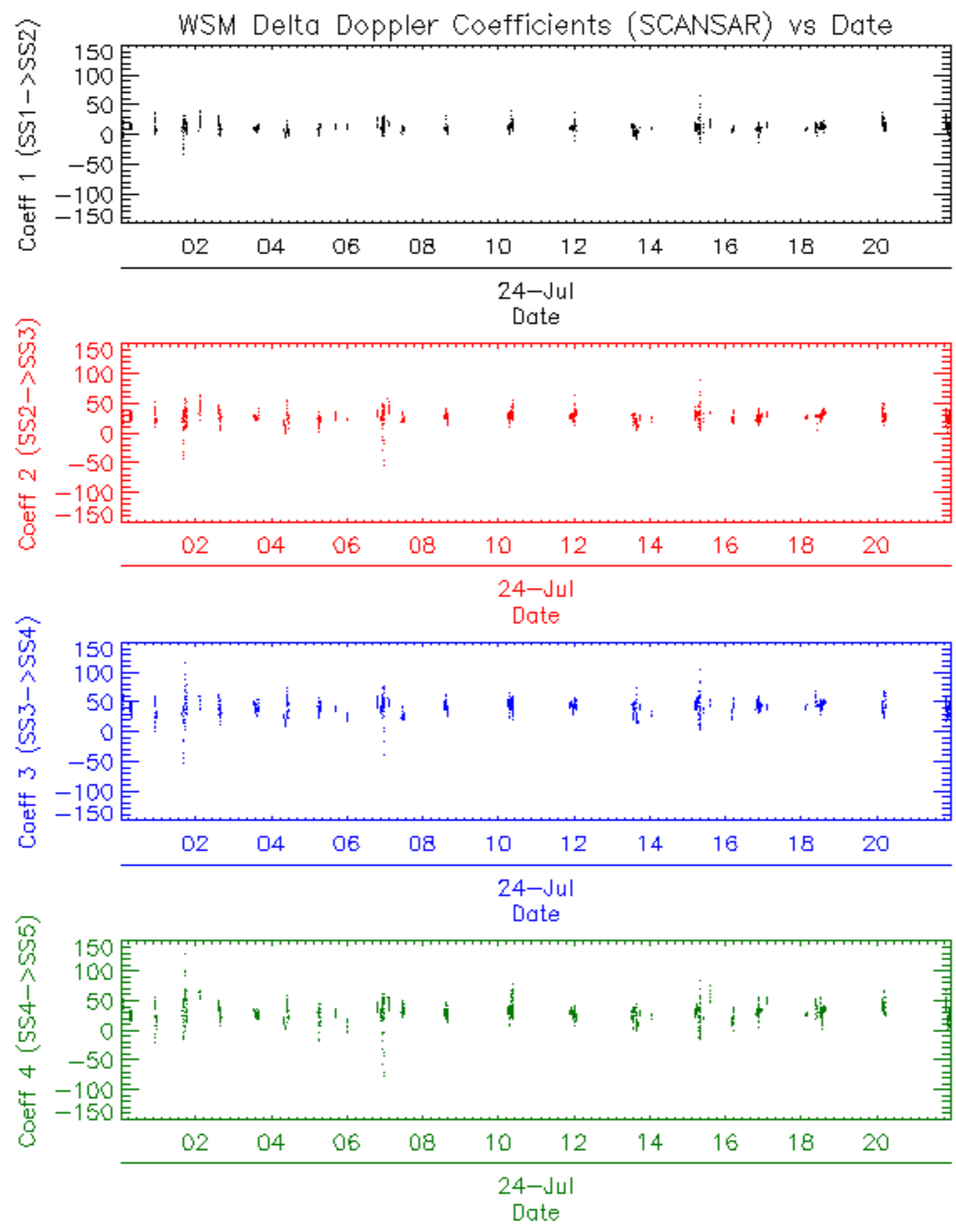


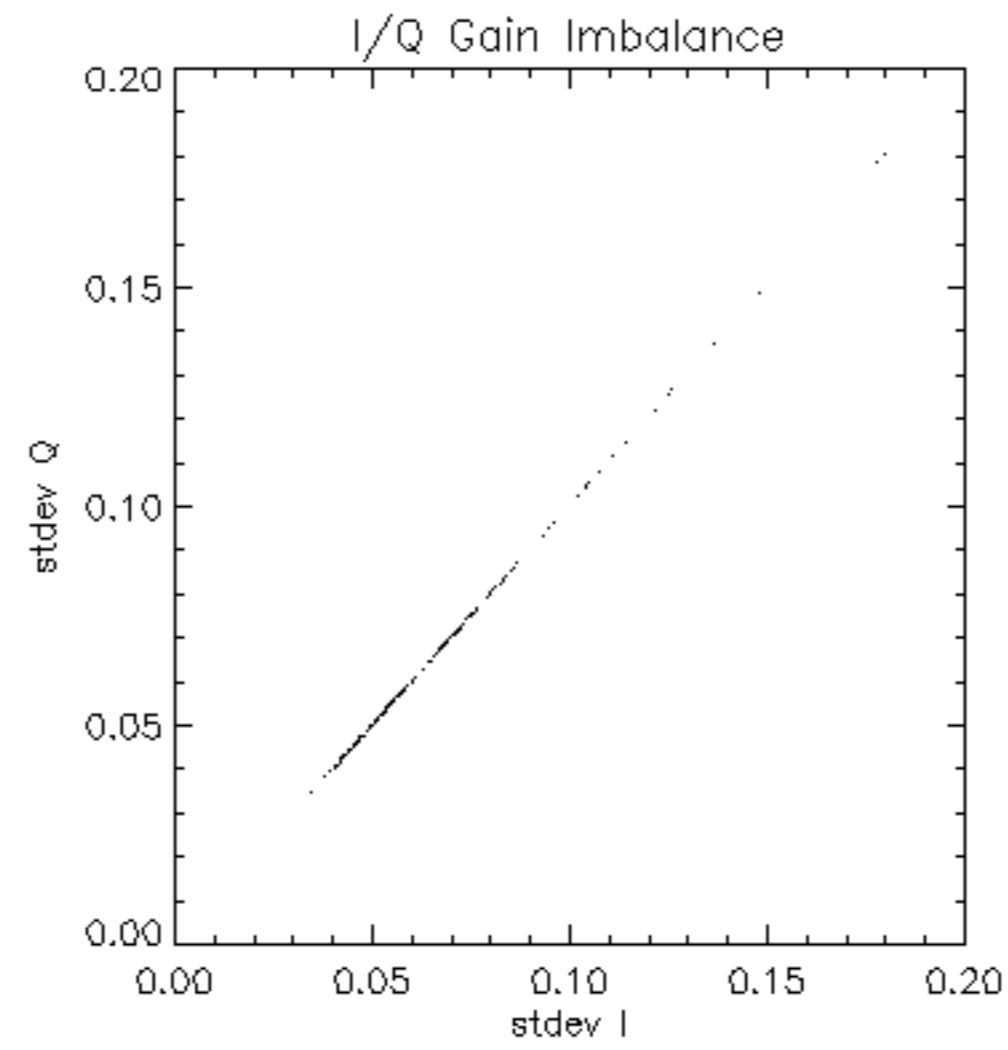


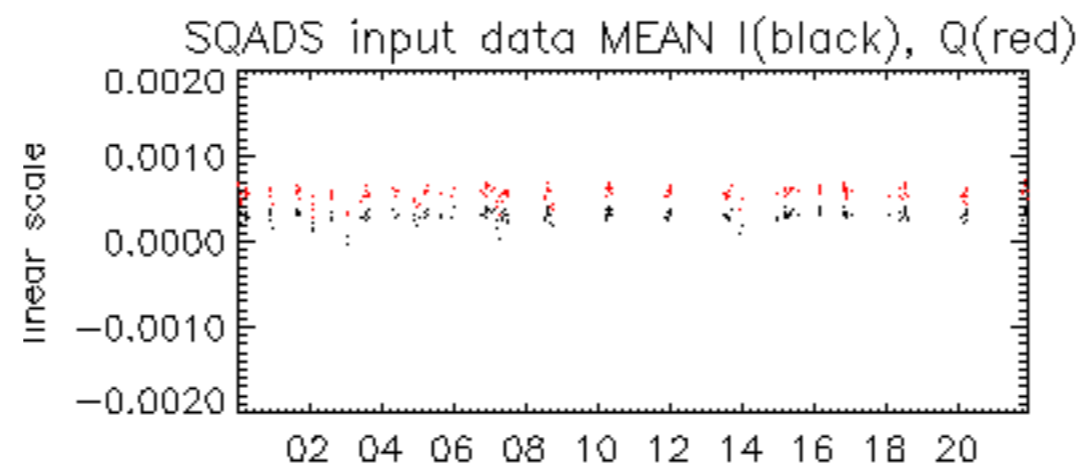




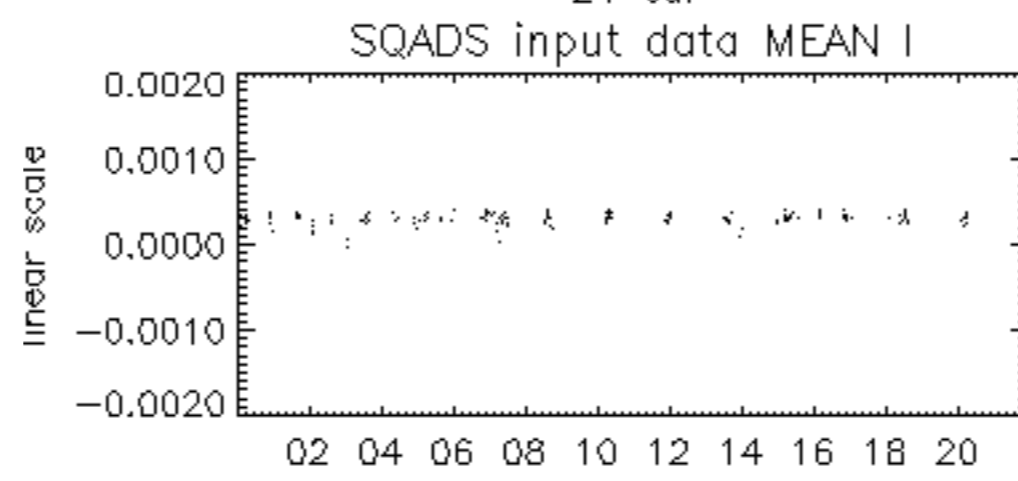




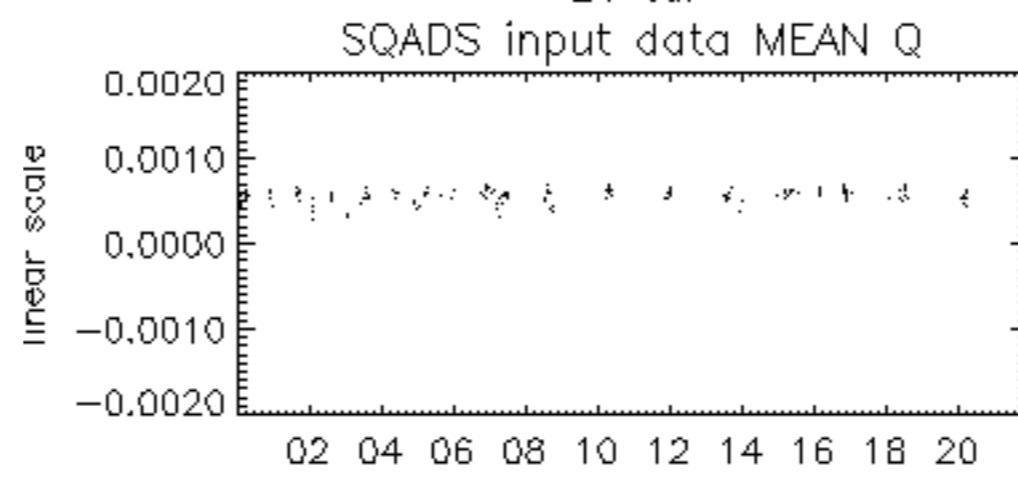




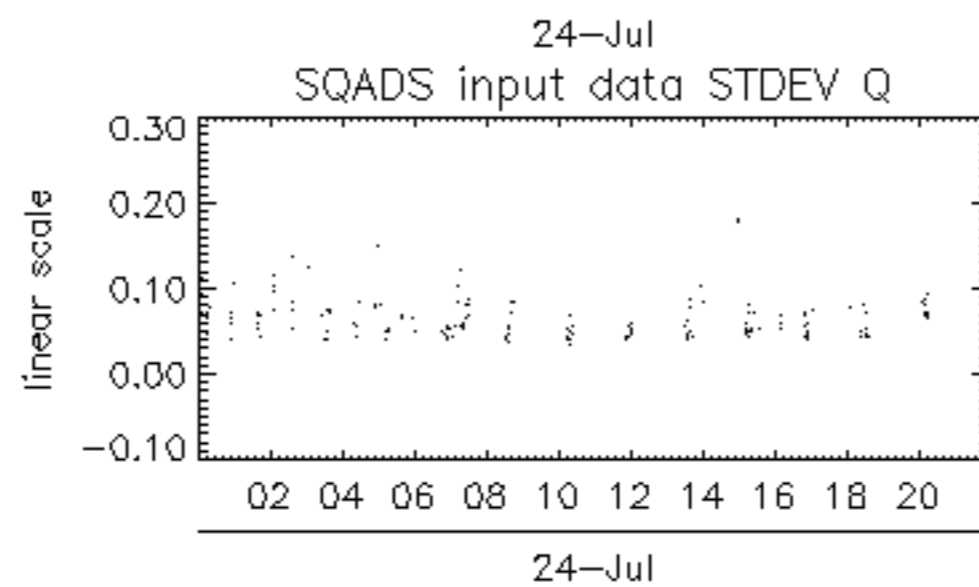
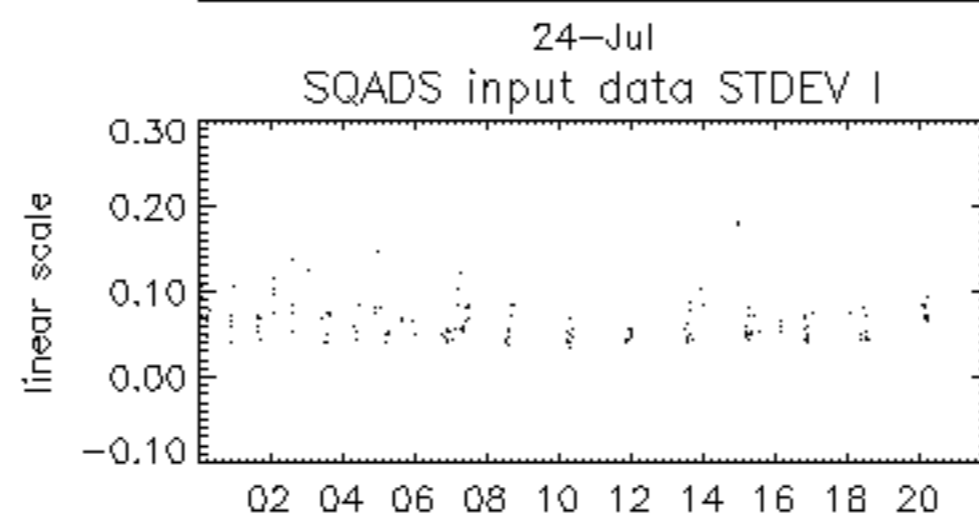
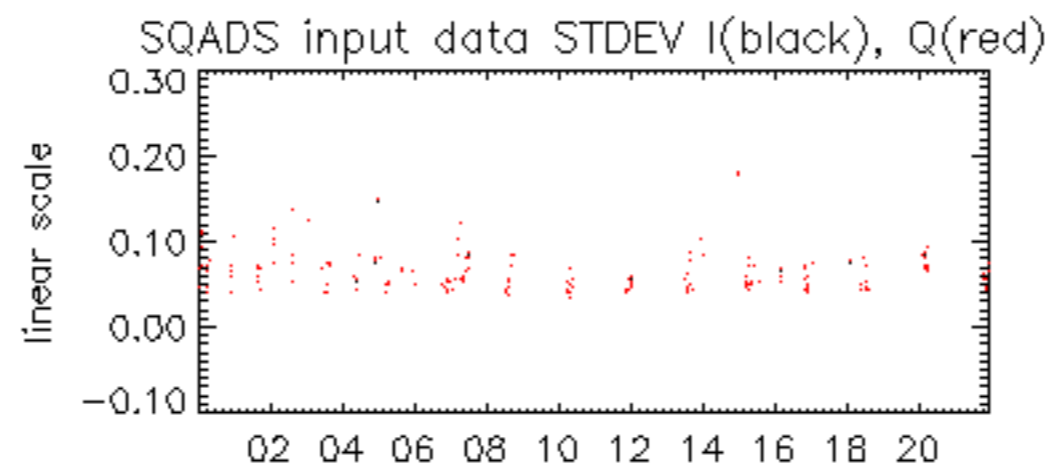
24-Jul

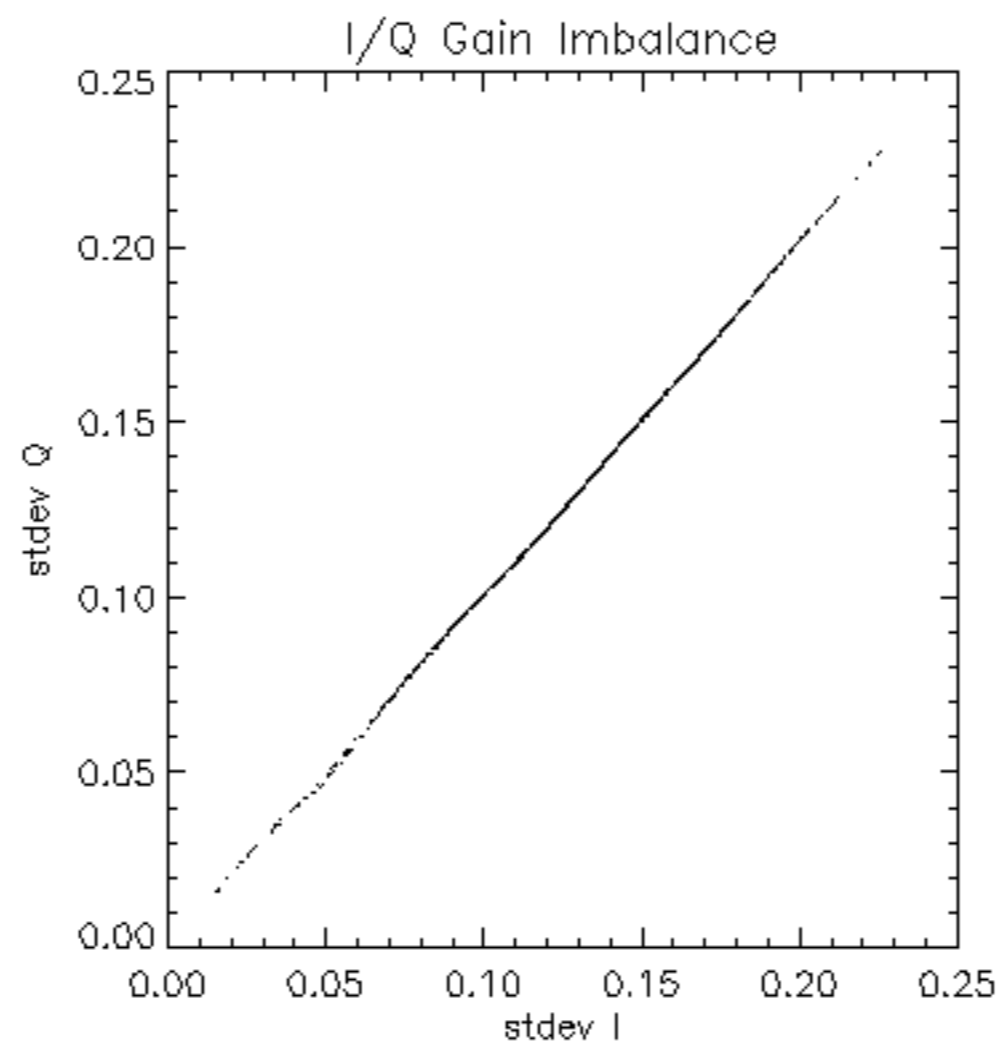


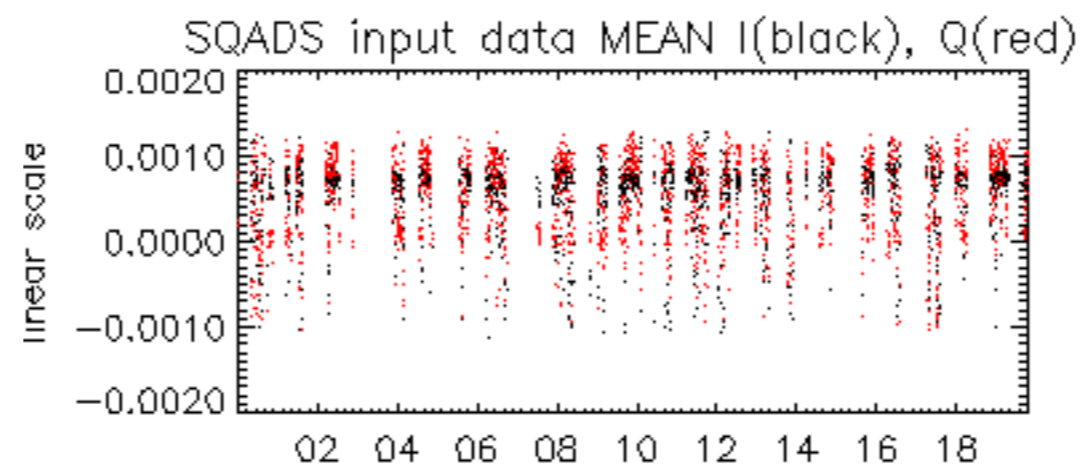
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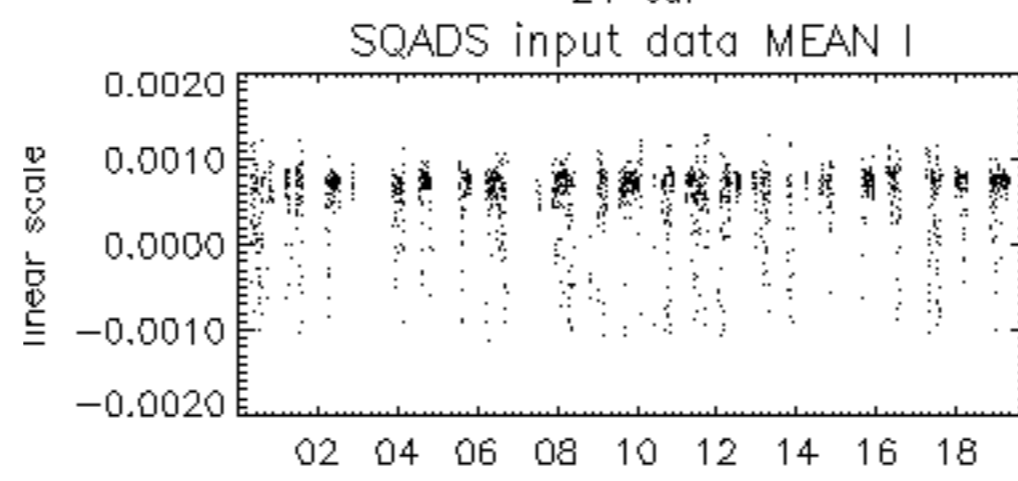
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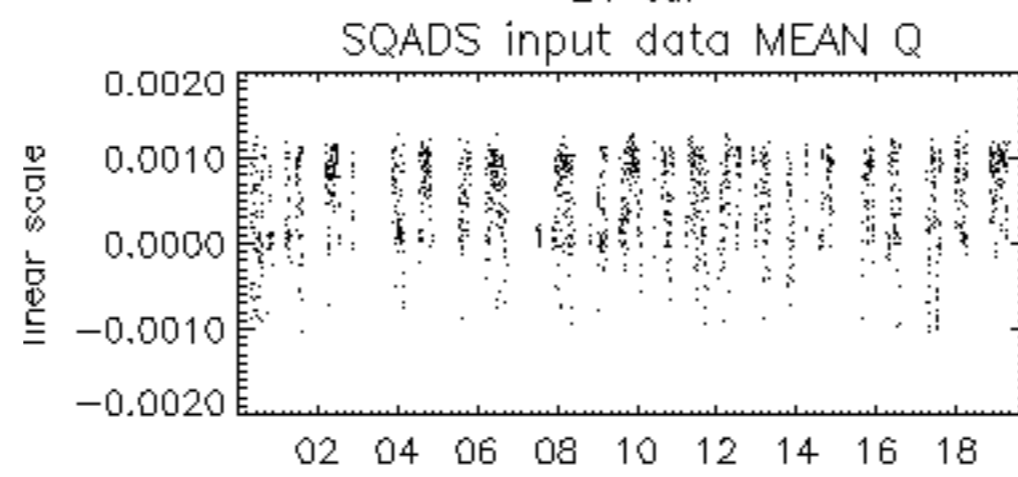




24-Jul



24-Jul



24-Jul

