



Analysis from 08-APR-2012 00:00:00 to 08-APR-2012 23:59:59. Page generated on 09-APR-2012 06:31:28.
View log file: ASAR_Daily_Report_20120409_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

SUMMARY

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

1 - DATA SUMMARY

1.1 - Summary tables

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

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	21	PDE	IS1	V/H	3	PDE	IS6	H/H	2	PDE	WS	H/H	8				
PDE	IS2	V/V	18	PDK	WS	H/H	11	PDE	IS4	H/H	1					PDE	WS	V/V	4				
PDK	IS2	V/V	6					PDE	IS4	V/H	1					PDK	WS	H/H	3				

1.2 - Lists of products used

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

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

[\[TXT\]](#) [\[XLS\]](#) [List_GM1_products_used](#)

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

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

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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

ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

2.2 - Products with wrong ADFs

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

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

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

[\[TXT\]](#) [\[XLS\]](#) [Check_ADFs_GM1](#)

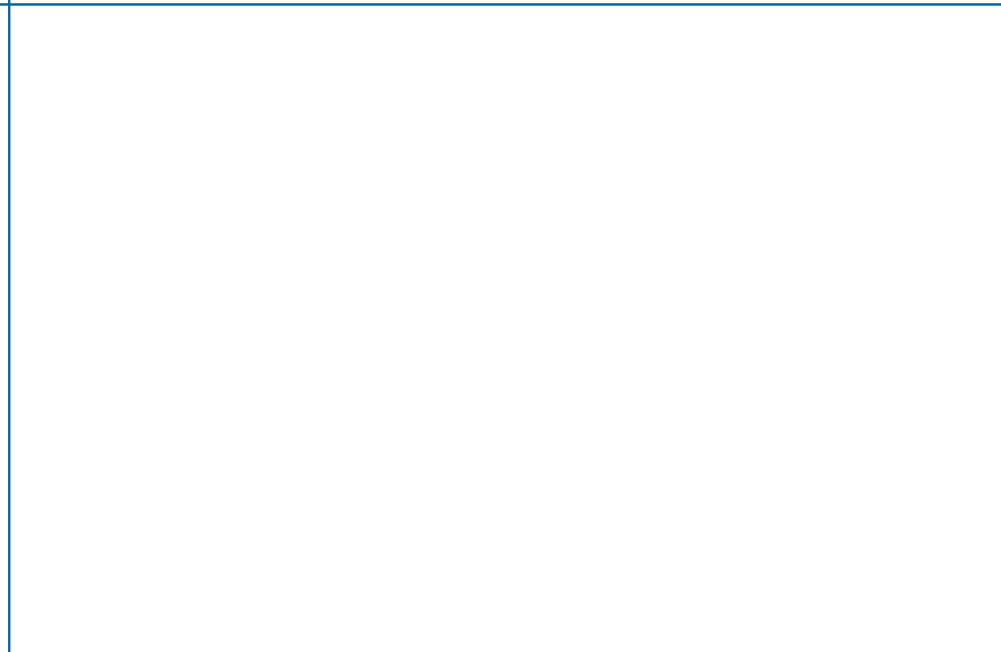
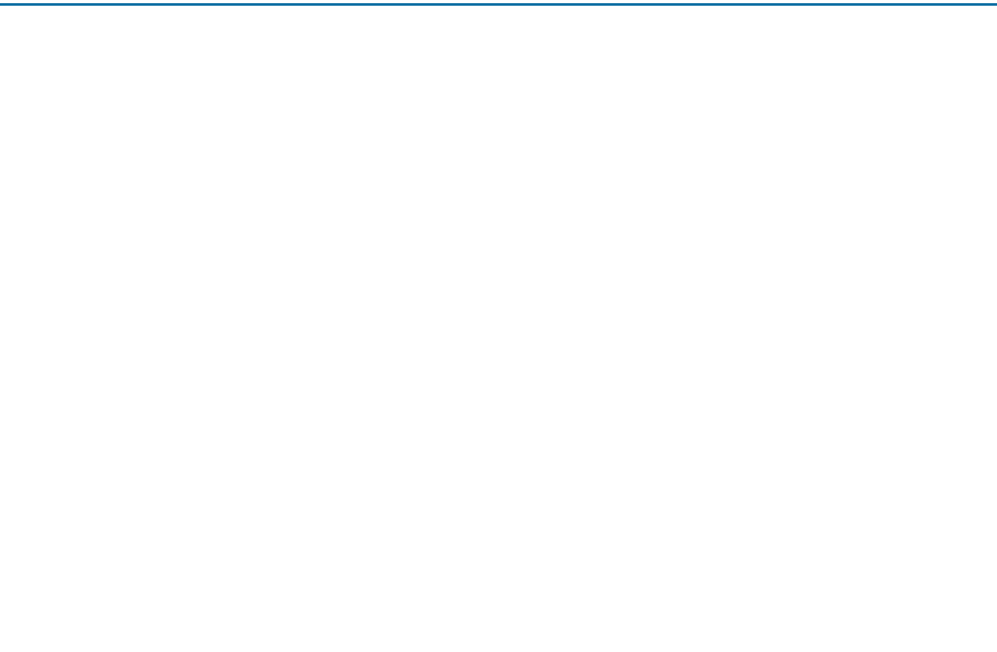
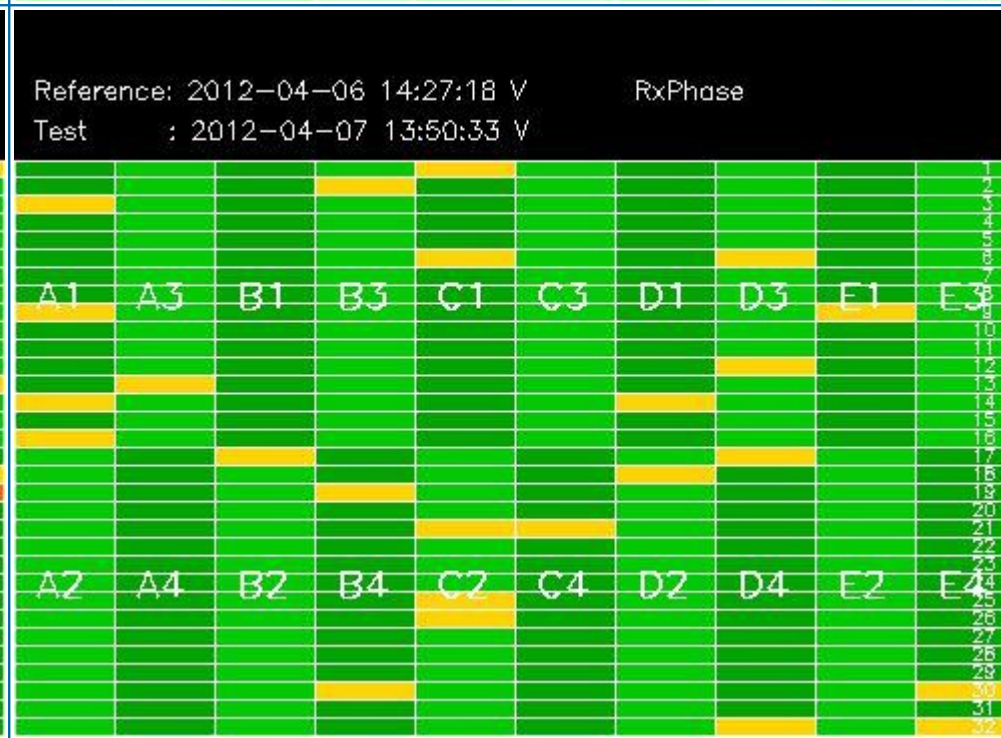
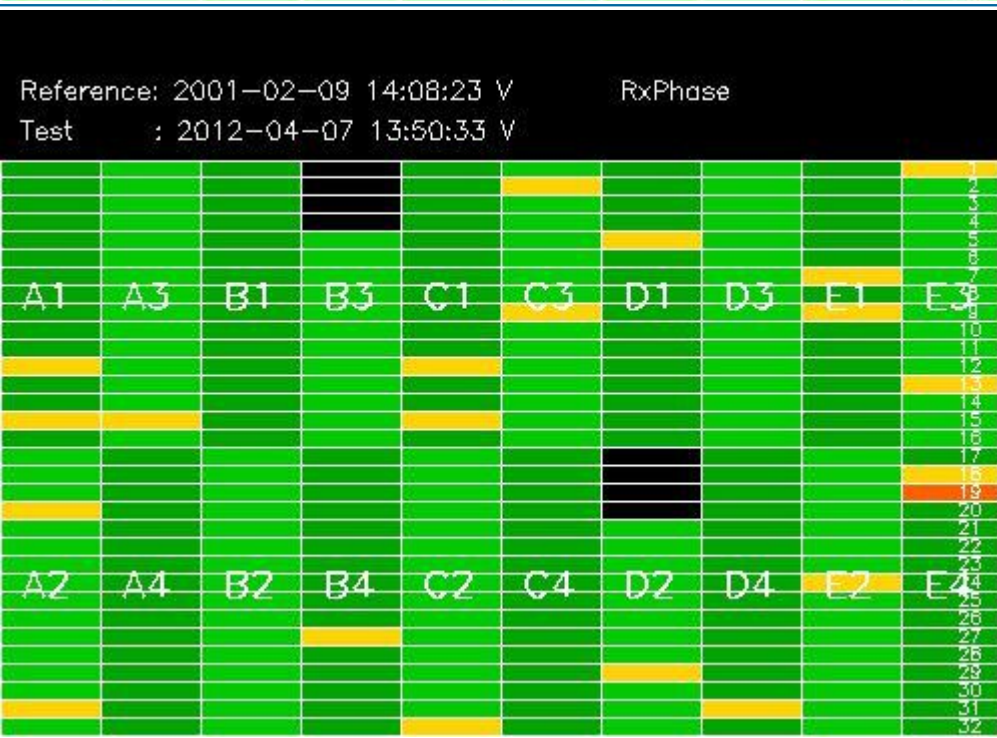
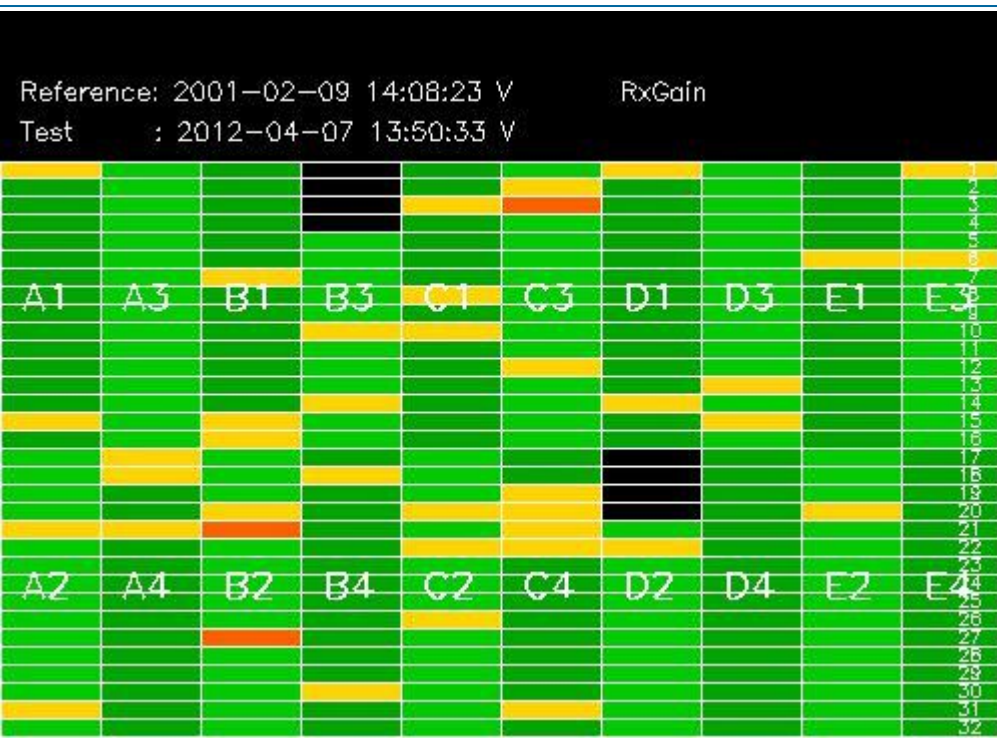
[\[TXT\]](#) [\[XLS\]](#) [Check_ADFs_APM](#)

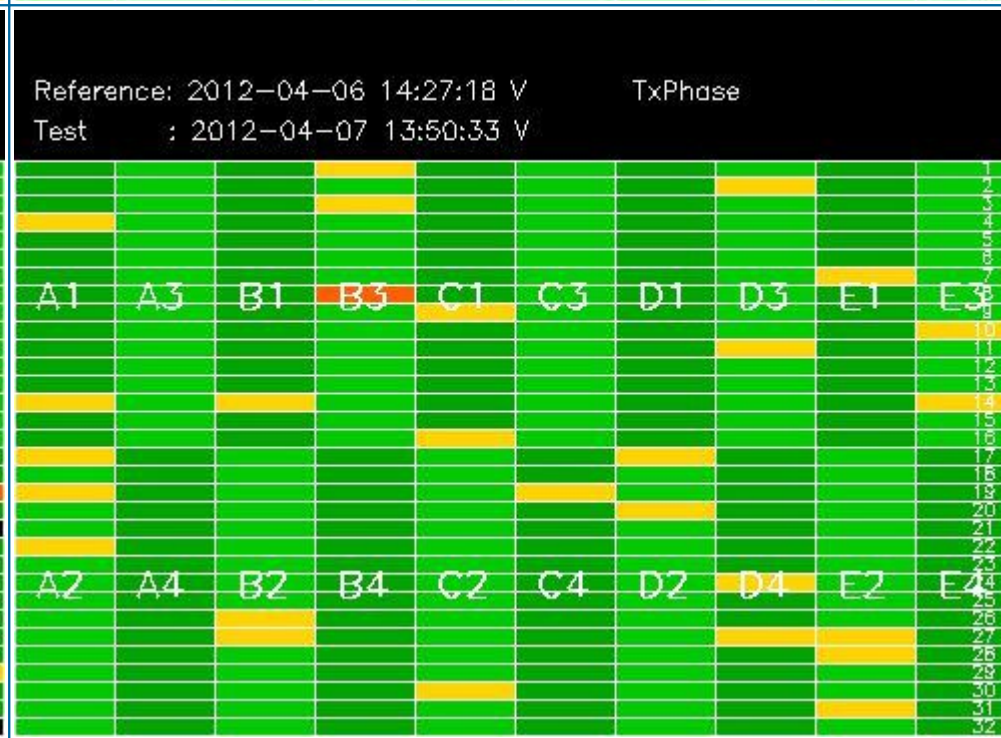
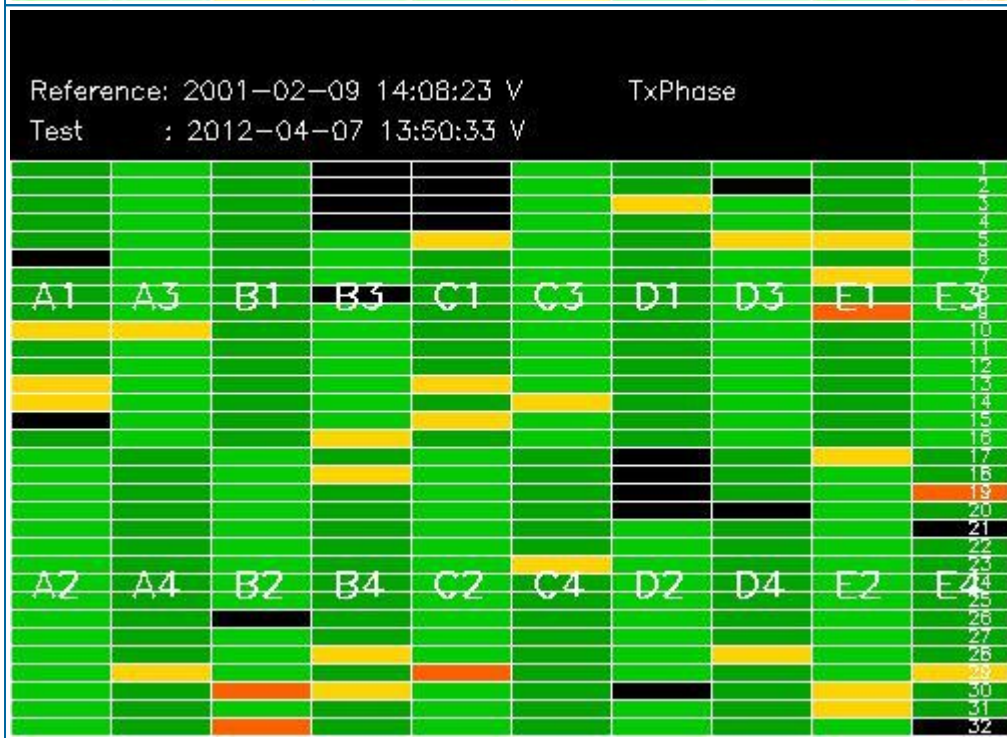
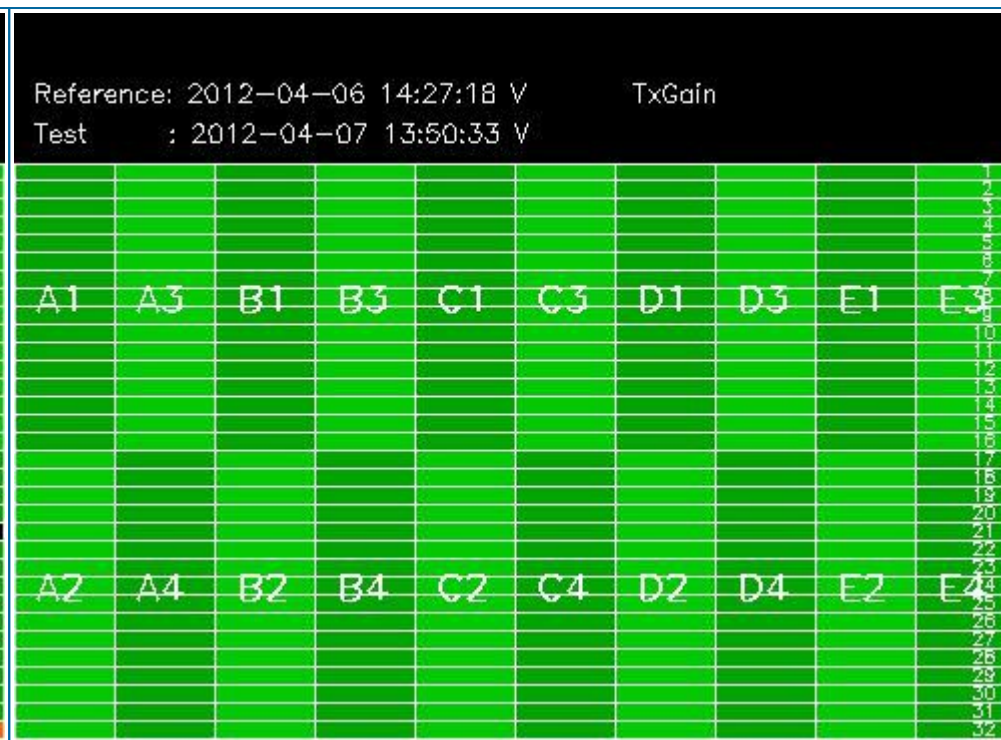
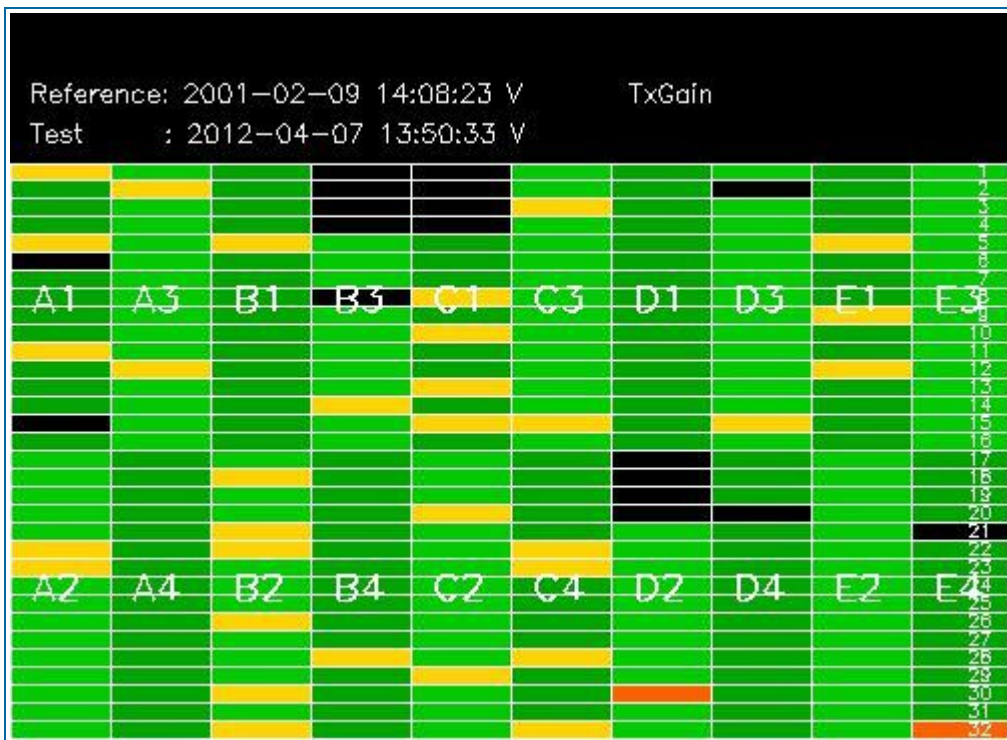
[\[TXT\]](#) [\[XLS\]](#) [Check_ADFs_IMM](#)

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

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

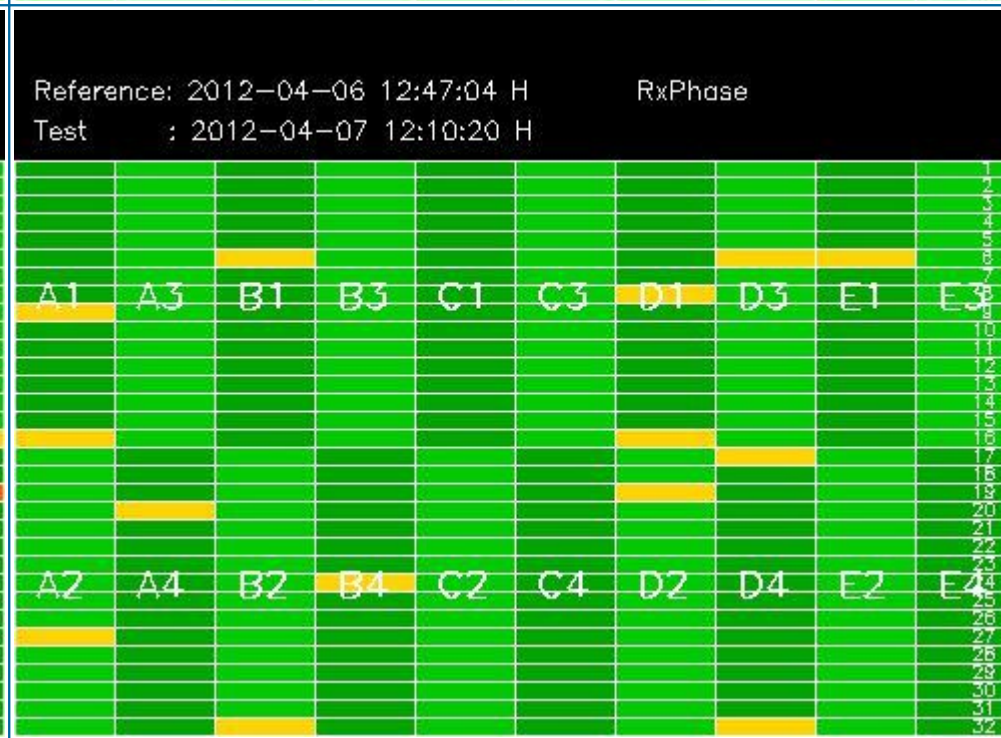
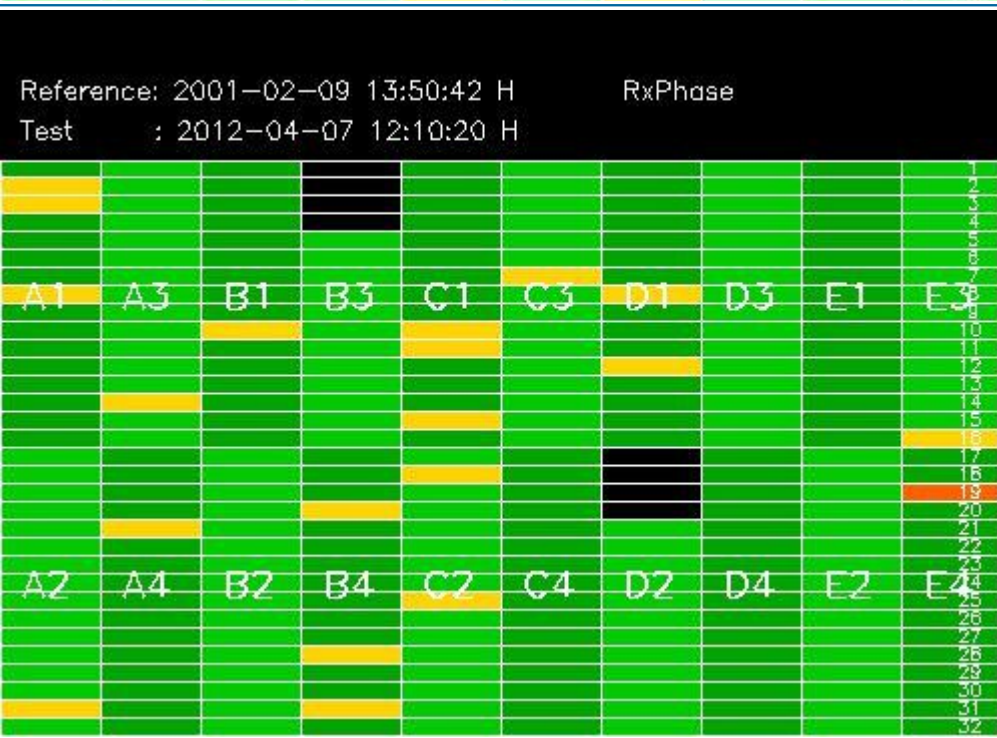
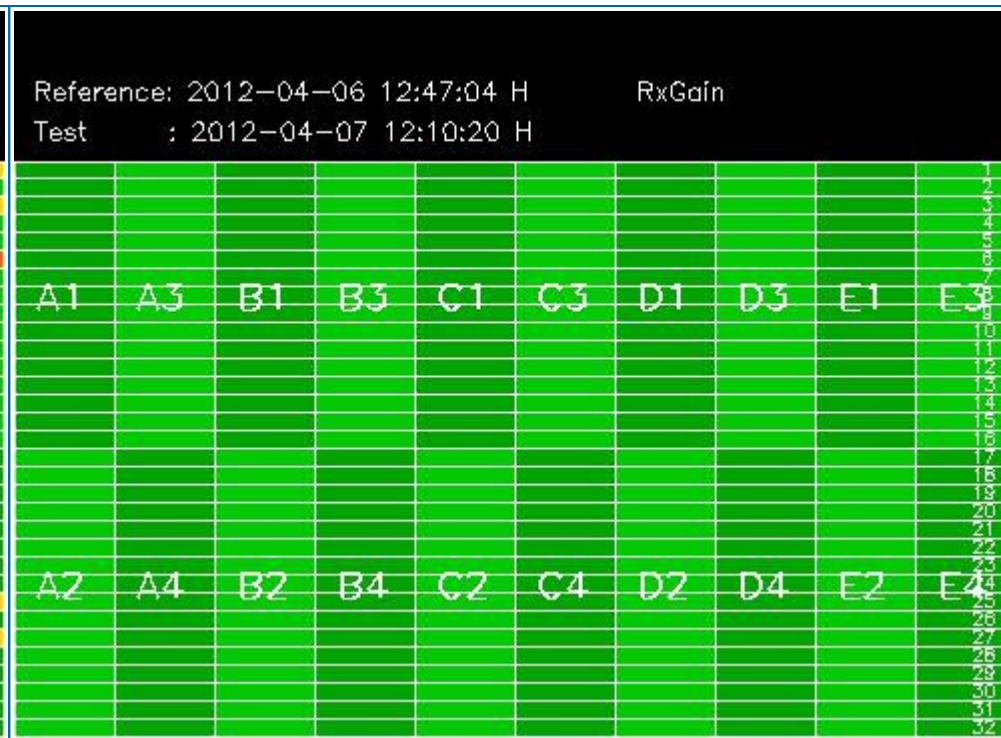
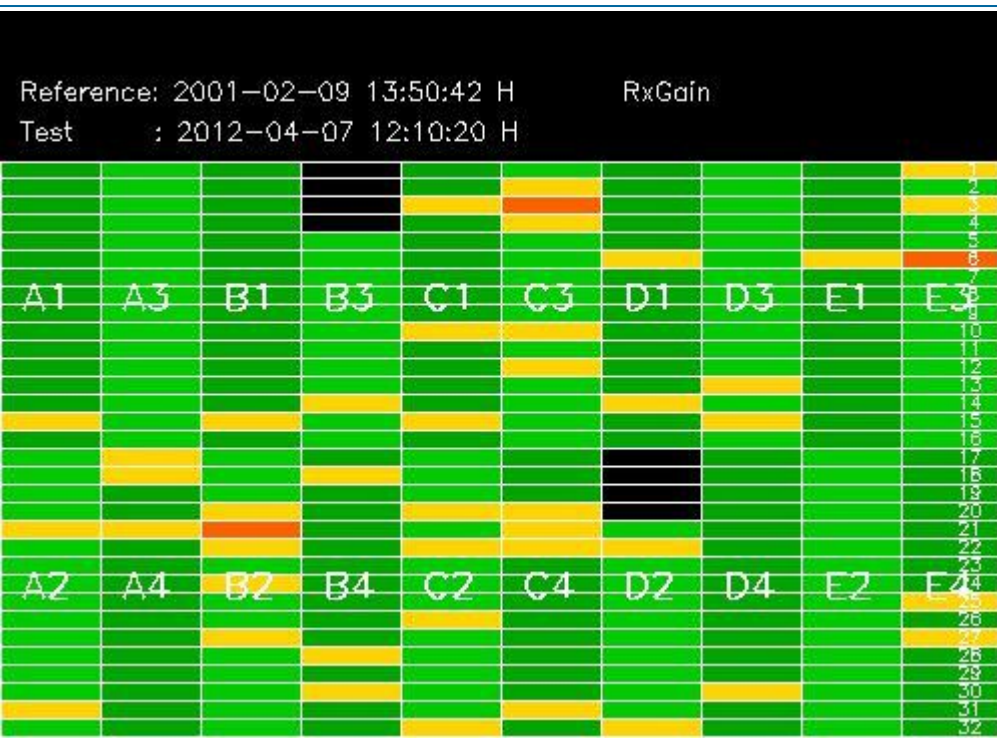


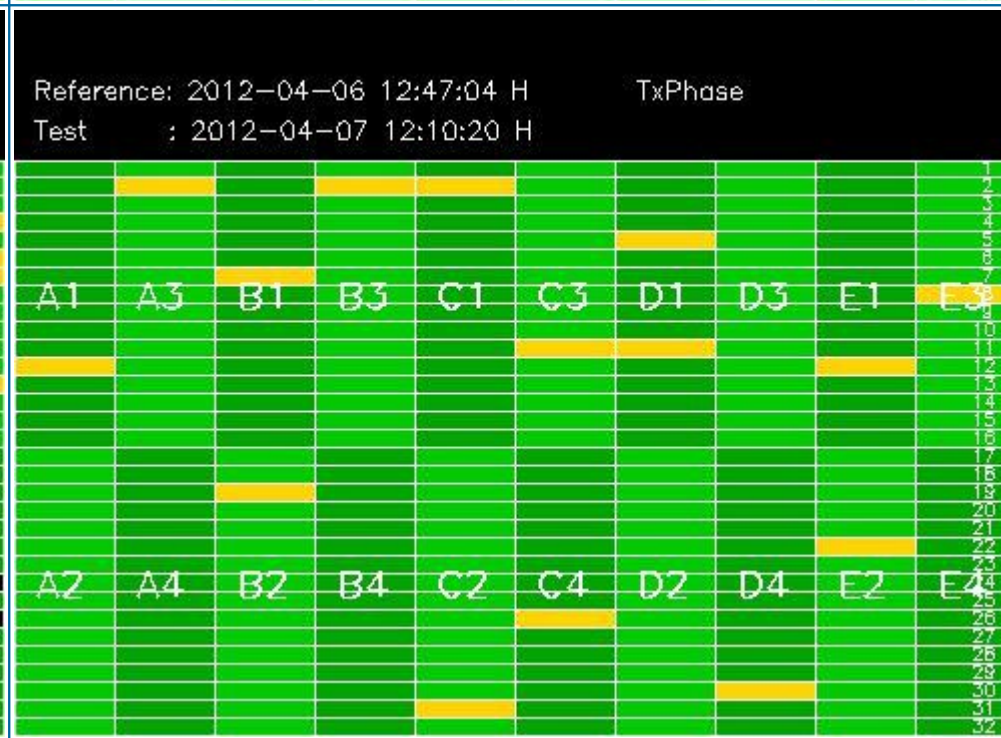
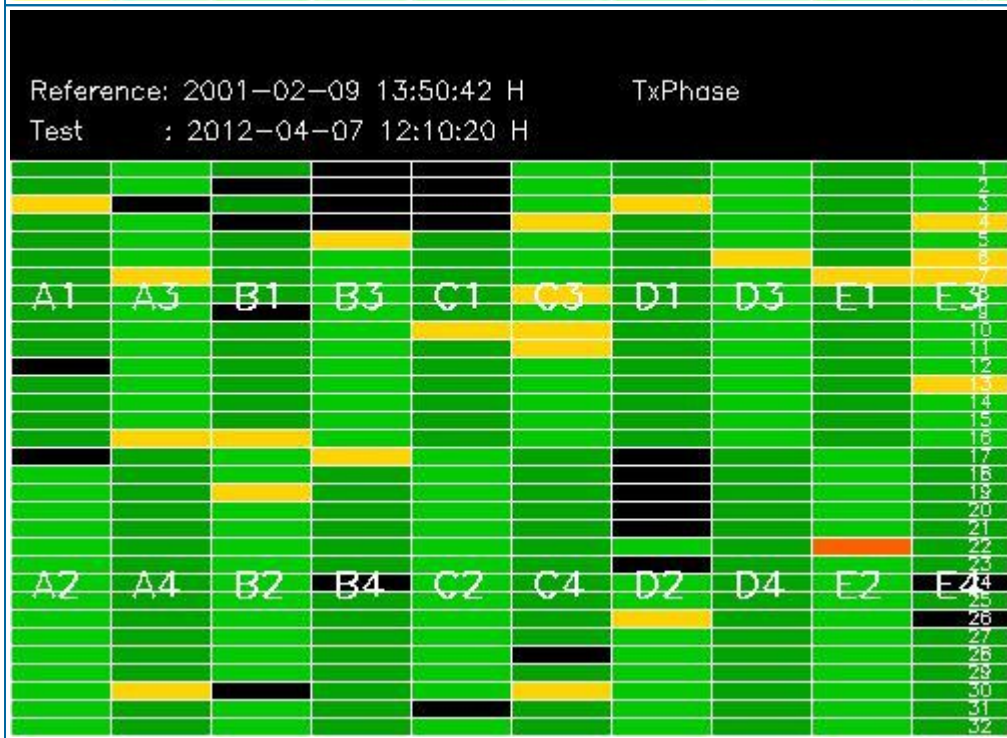
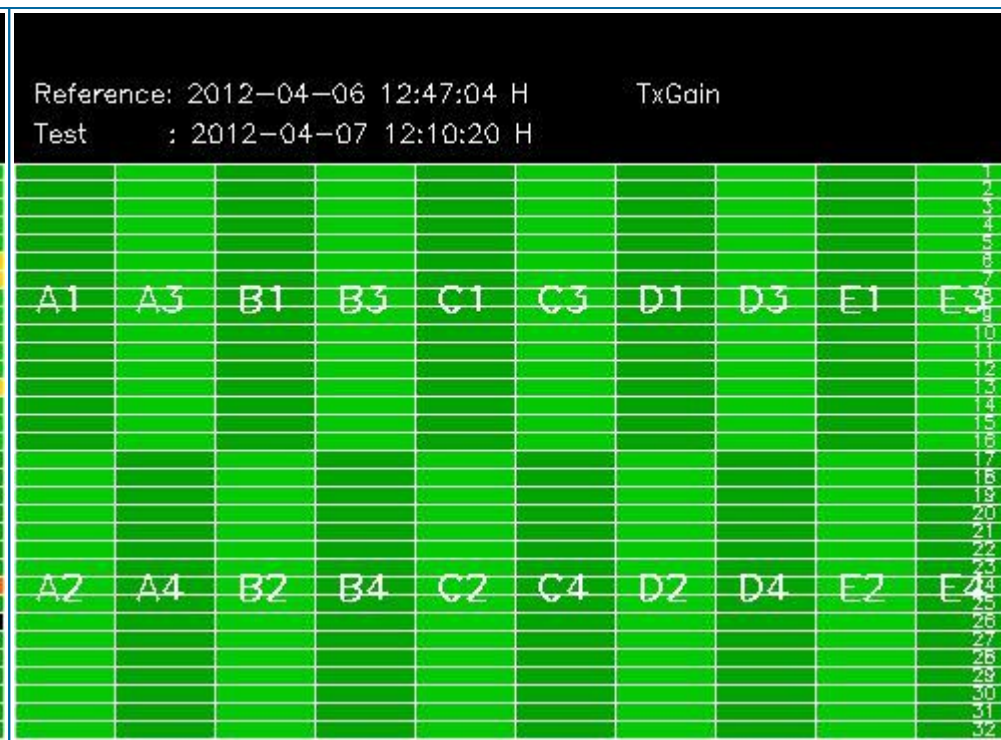
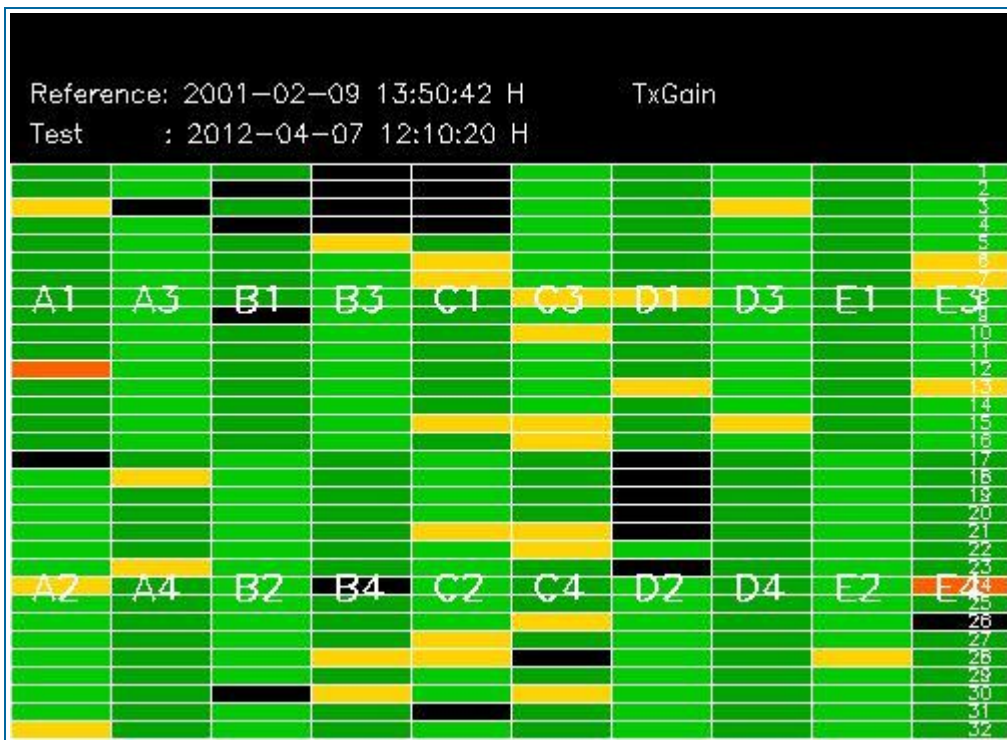


3.2 - H/H polarisation

[[BACK TO MENU](#)]

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

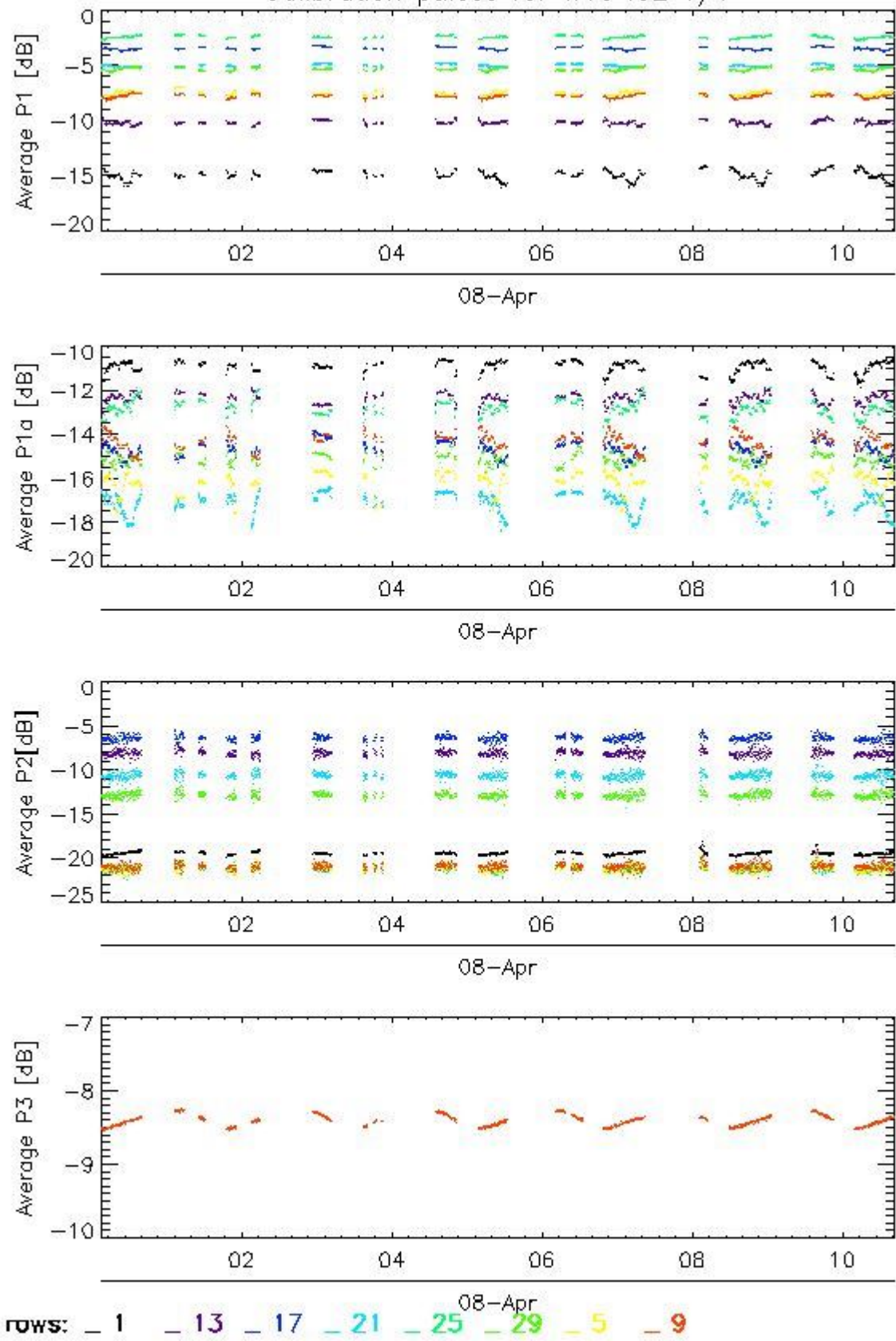
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

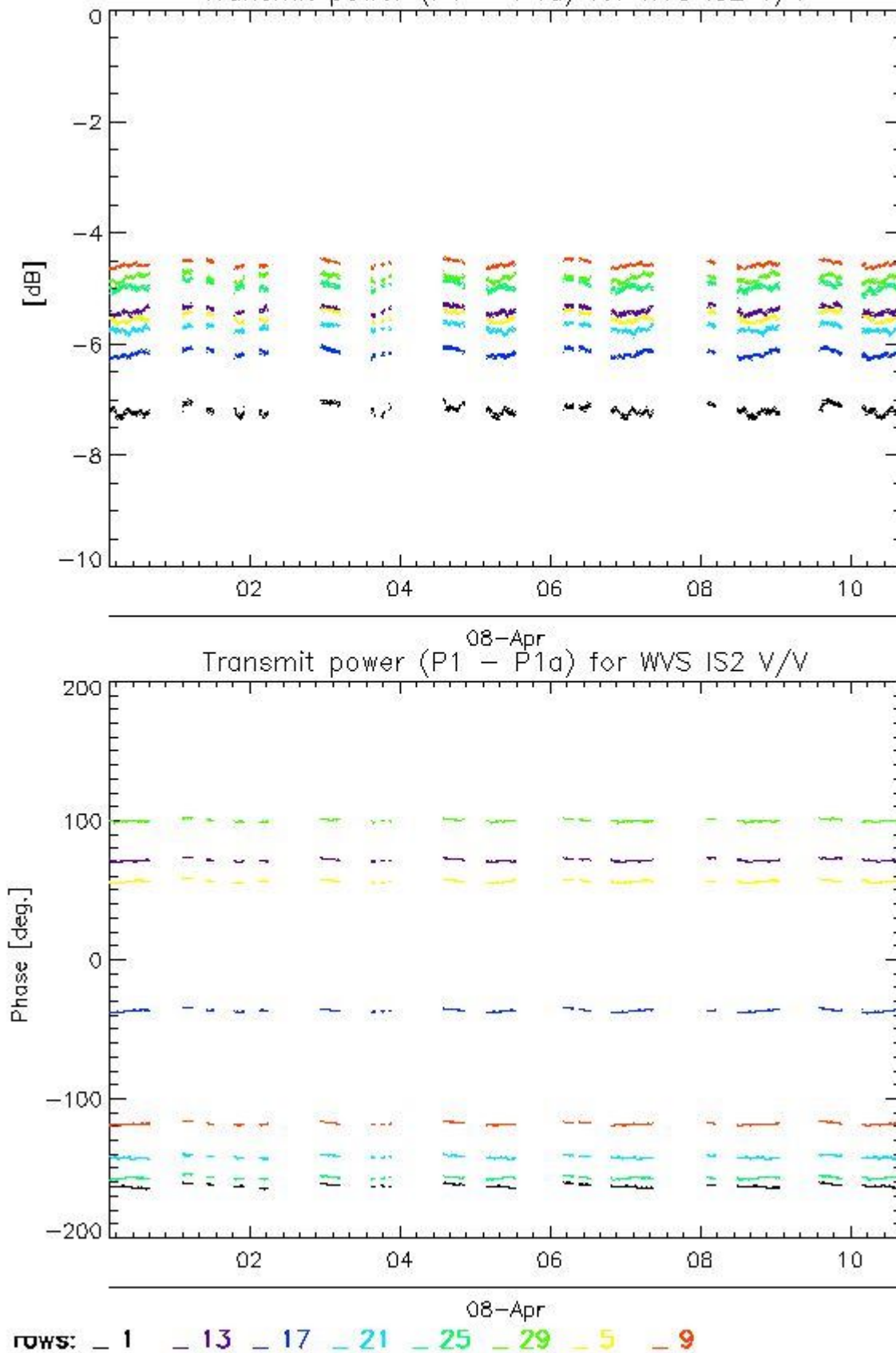
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



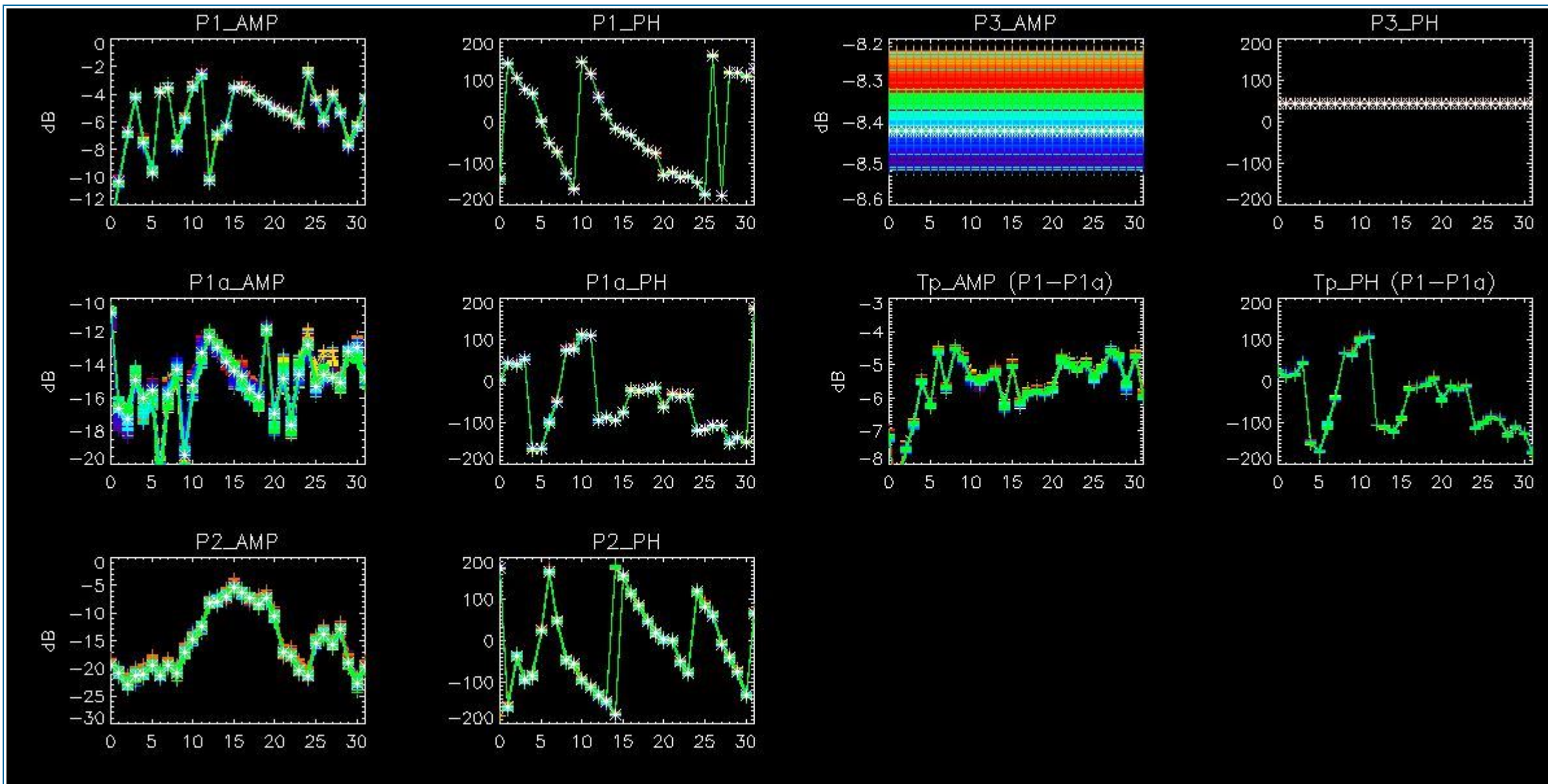
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]





4.2 - Analysis for GM1 SS3 H/H

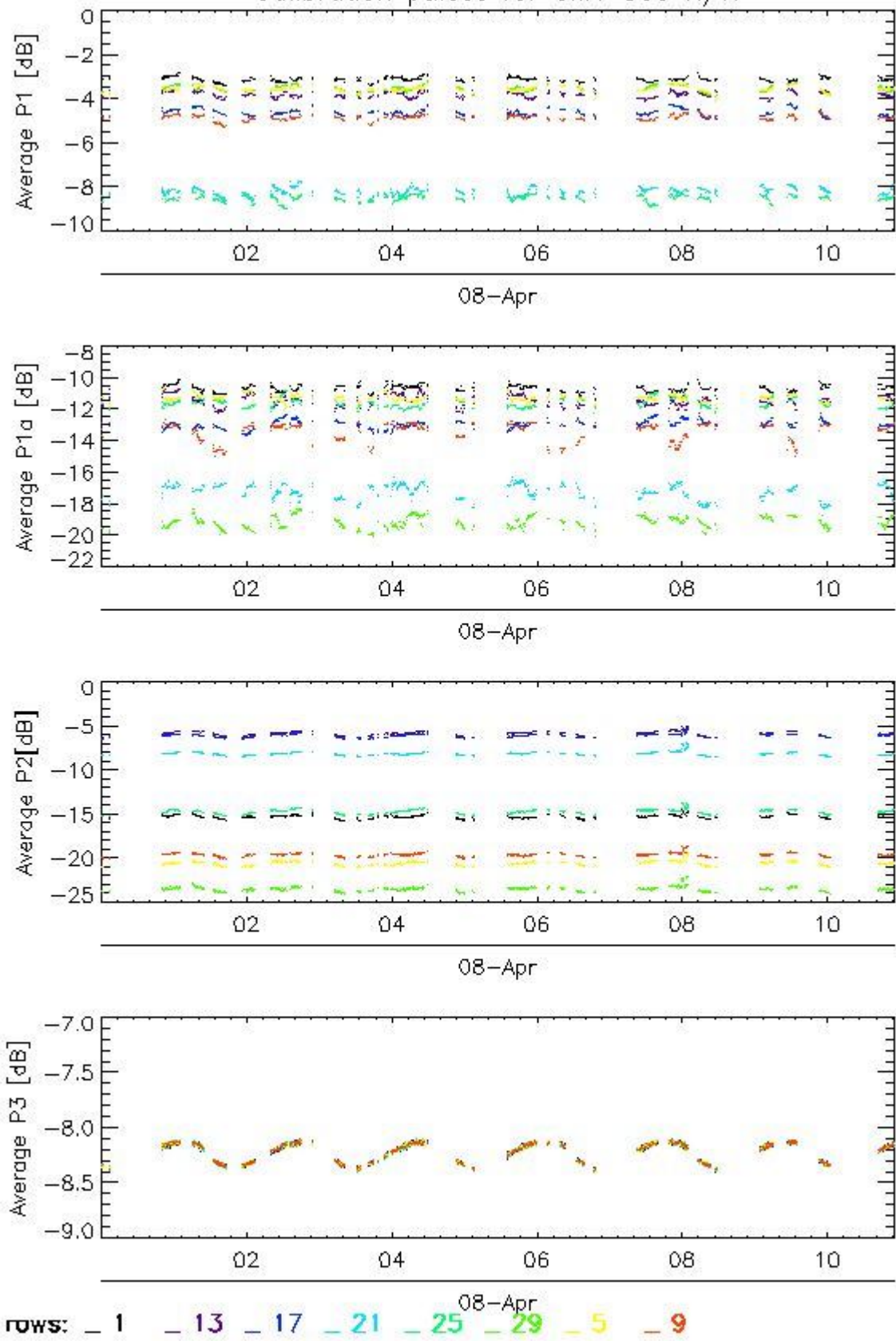
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

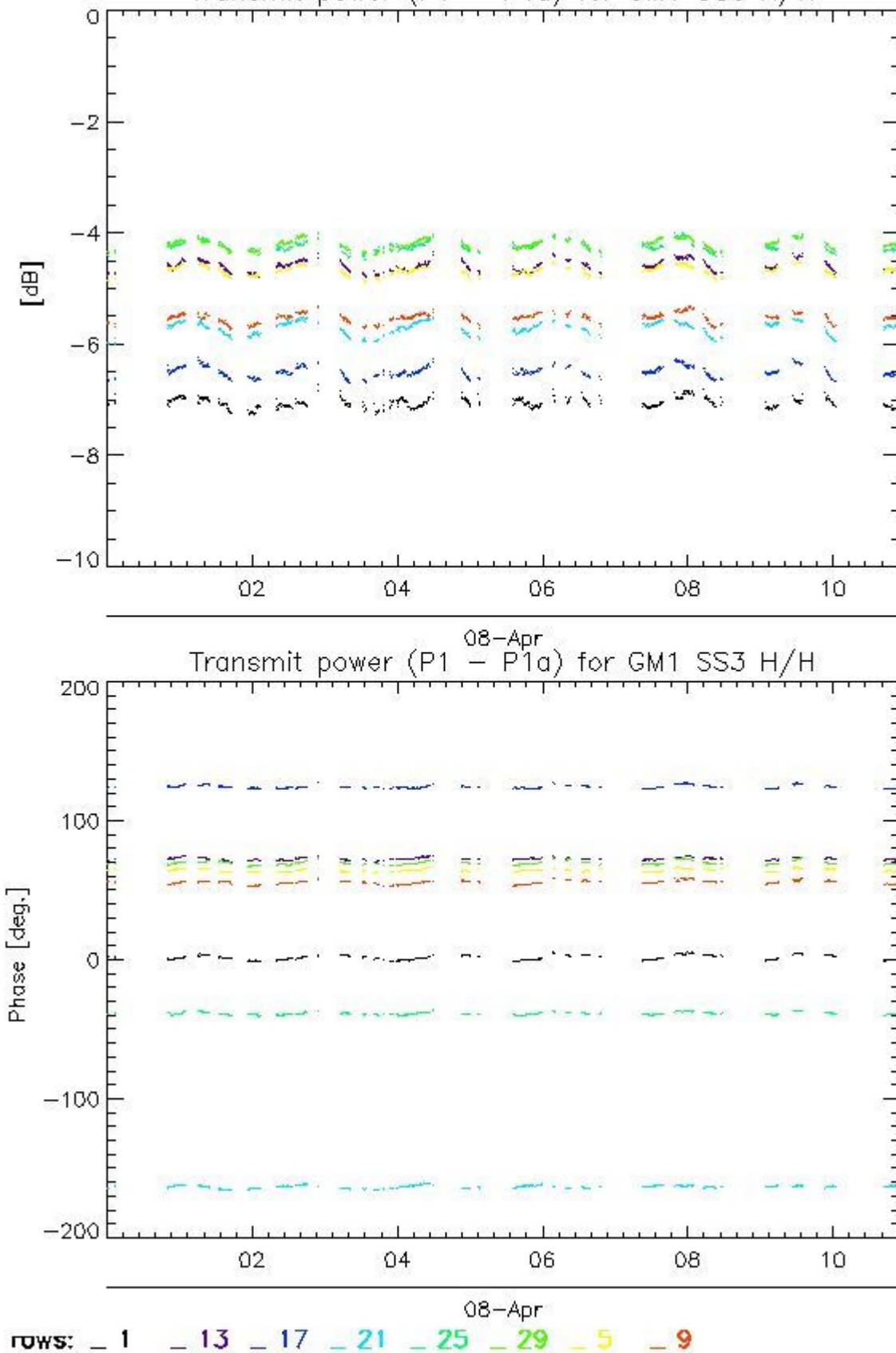
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



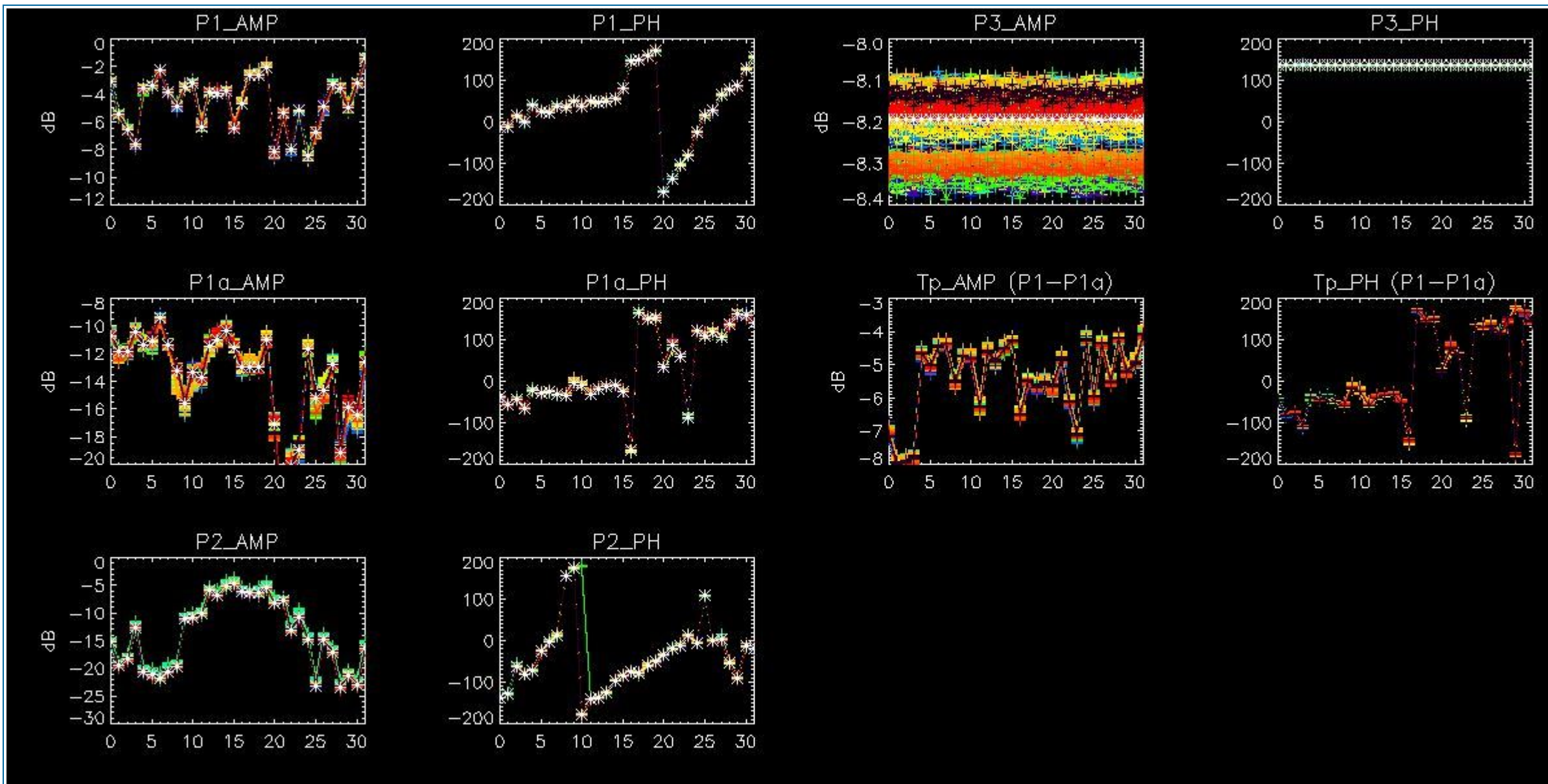
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





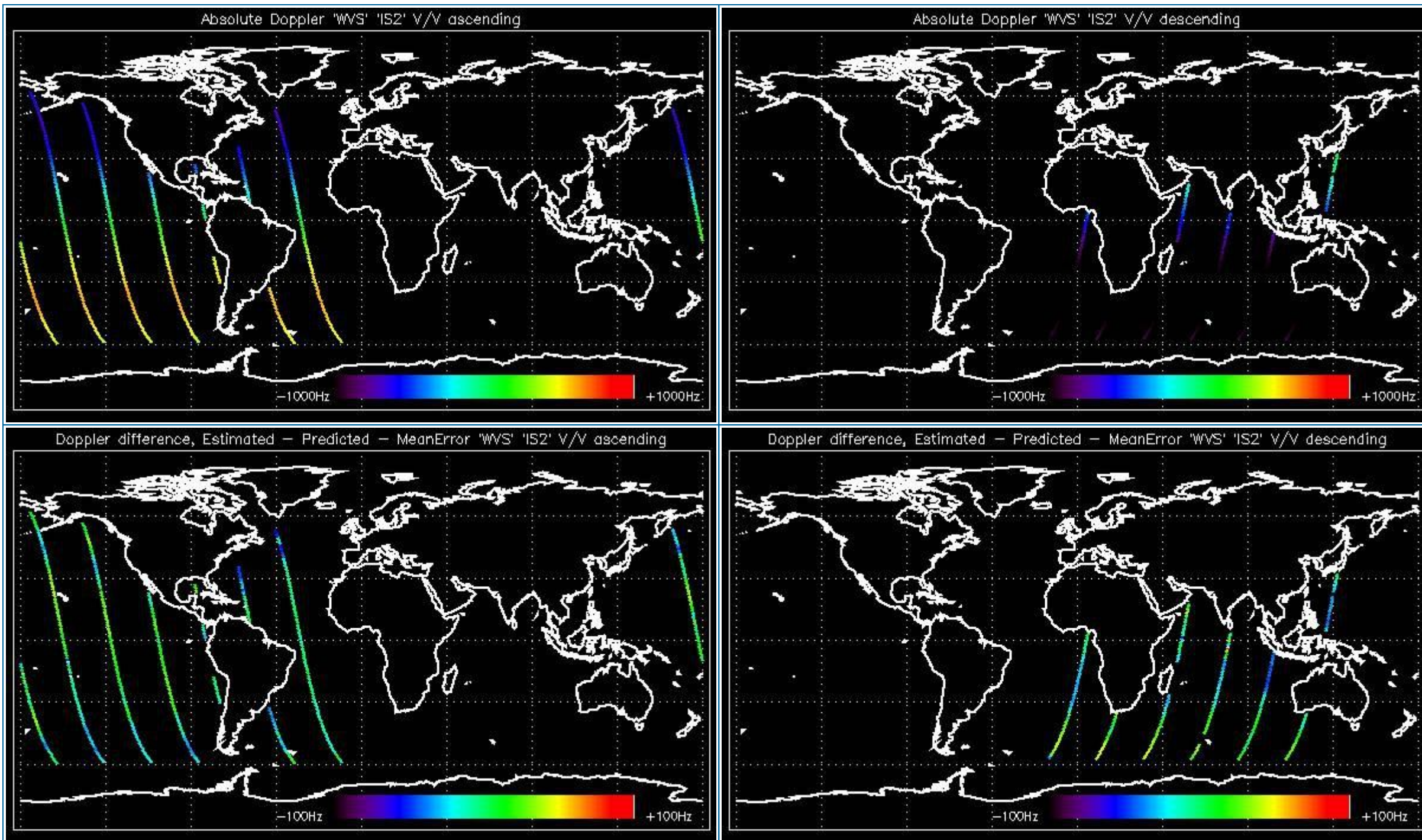
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

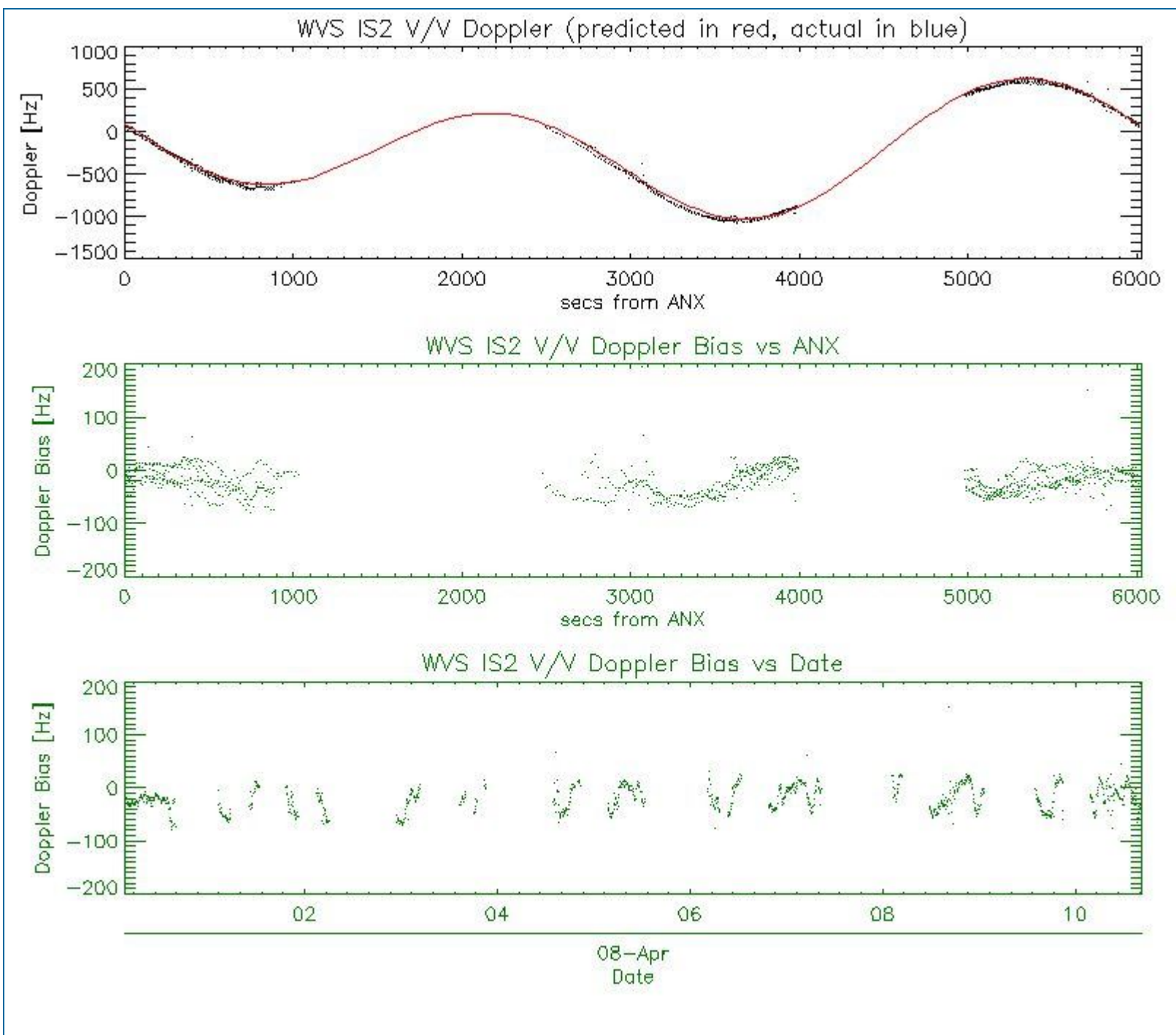




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



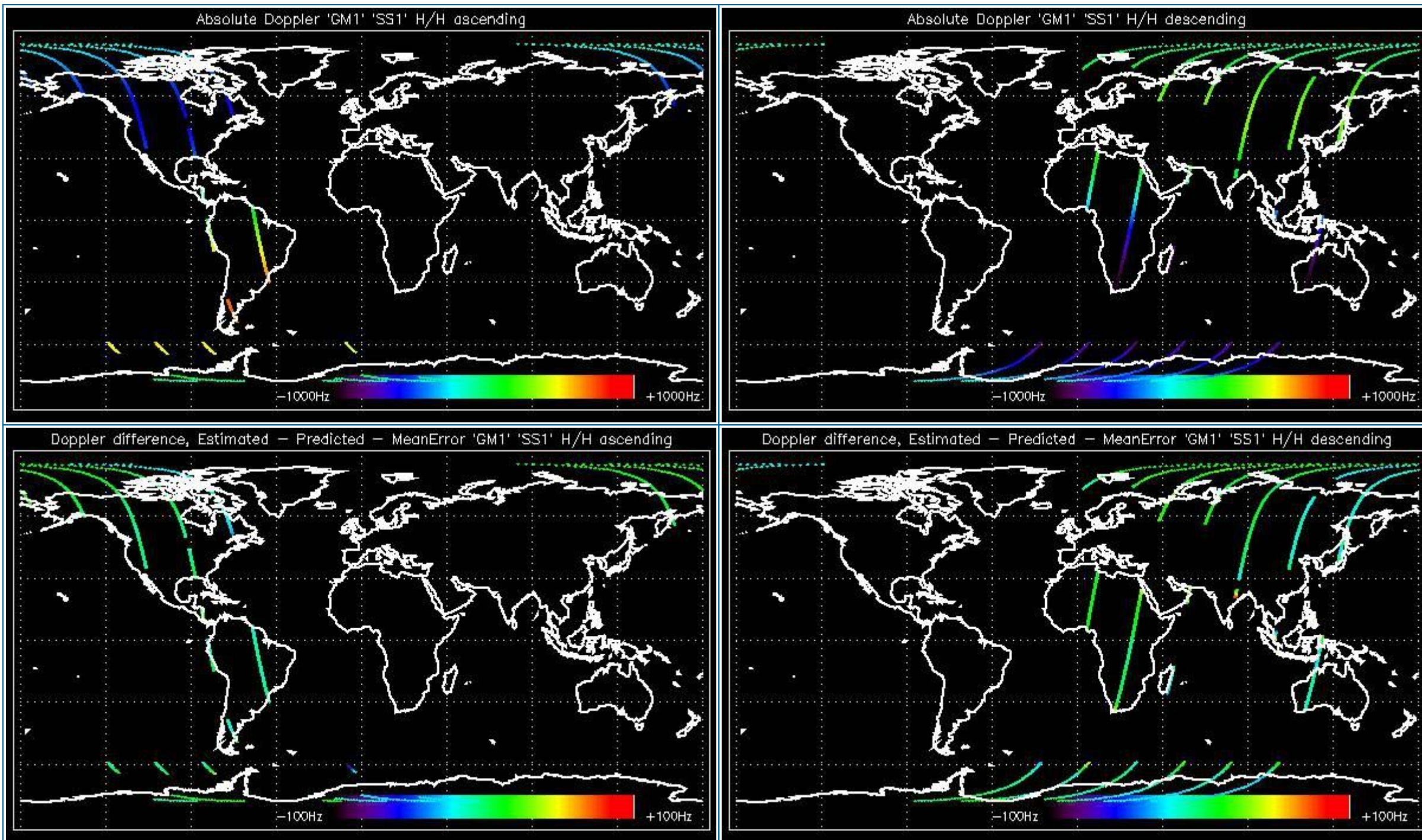


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

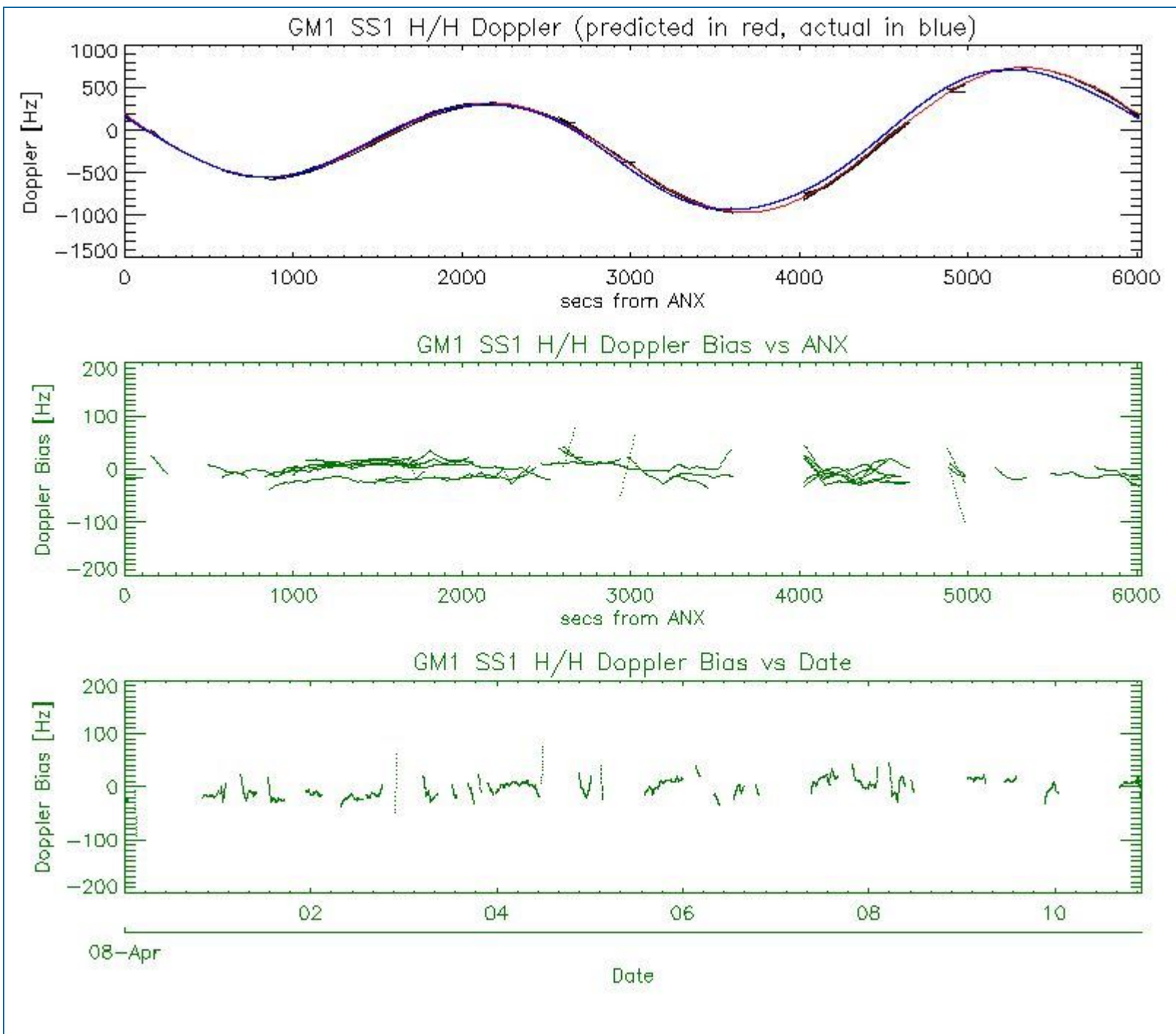




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

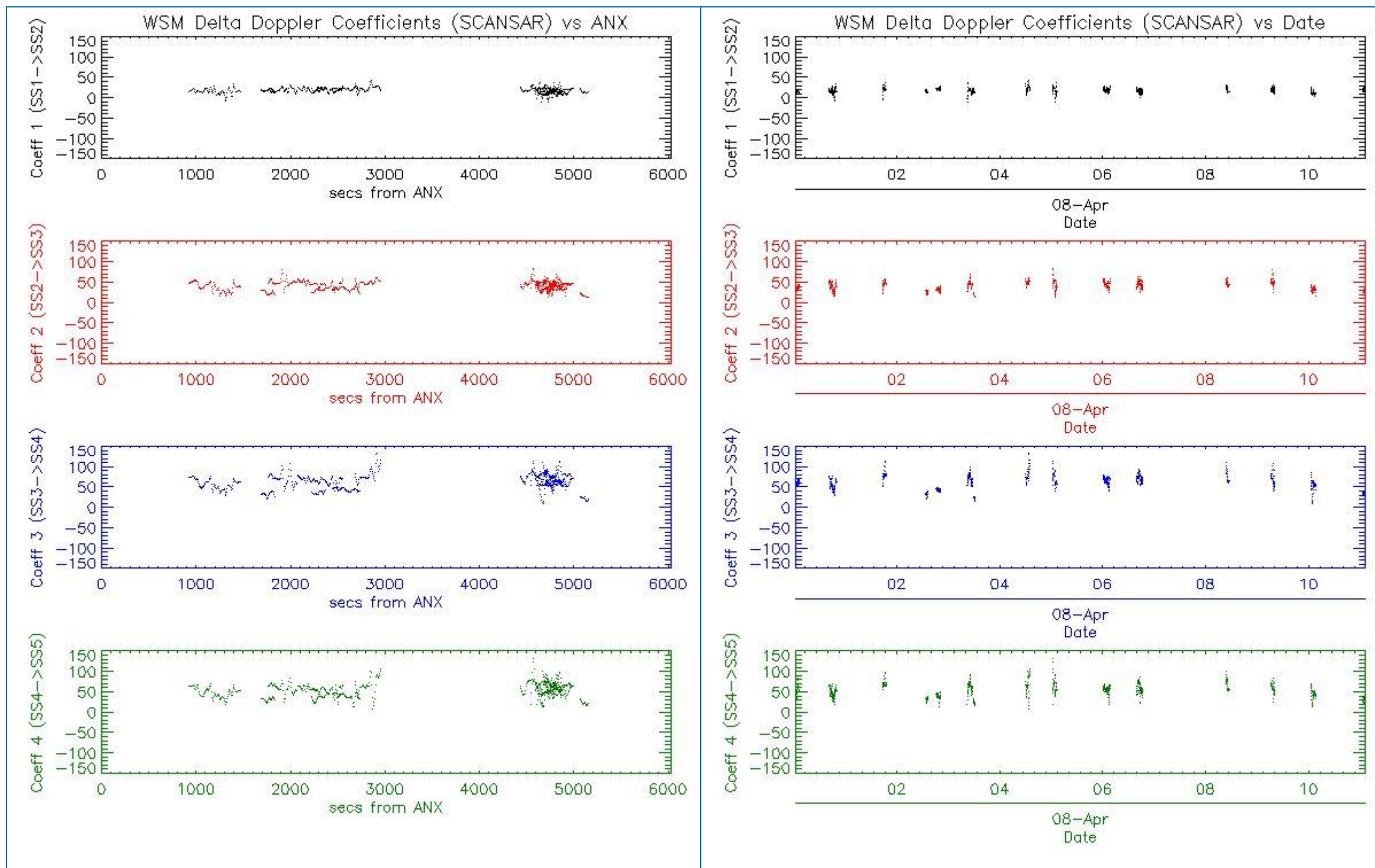




5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]

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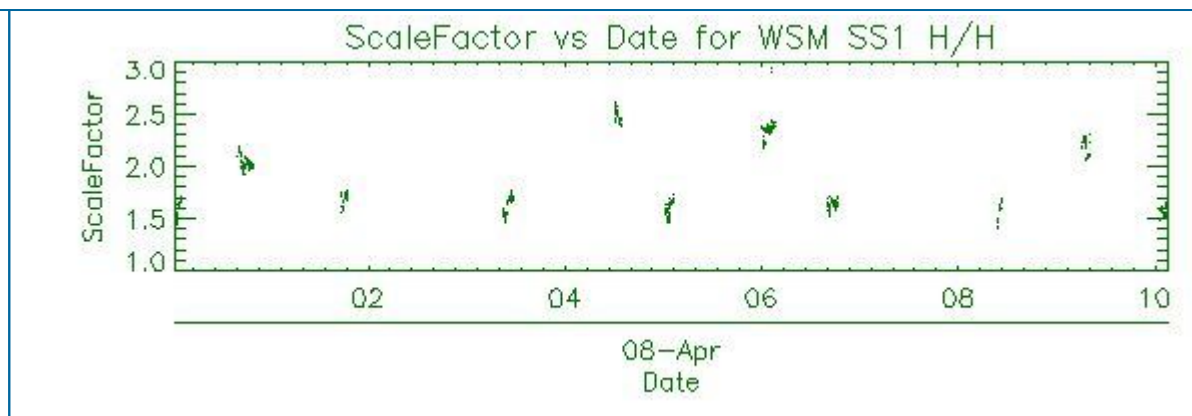
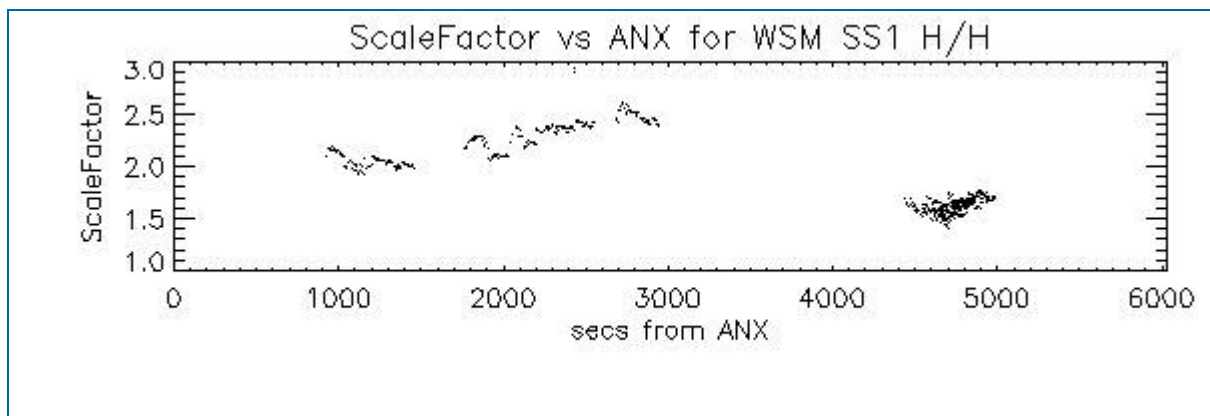
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

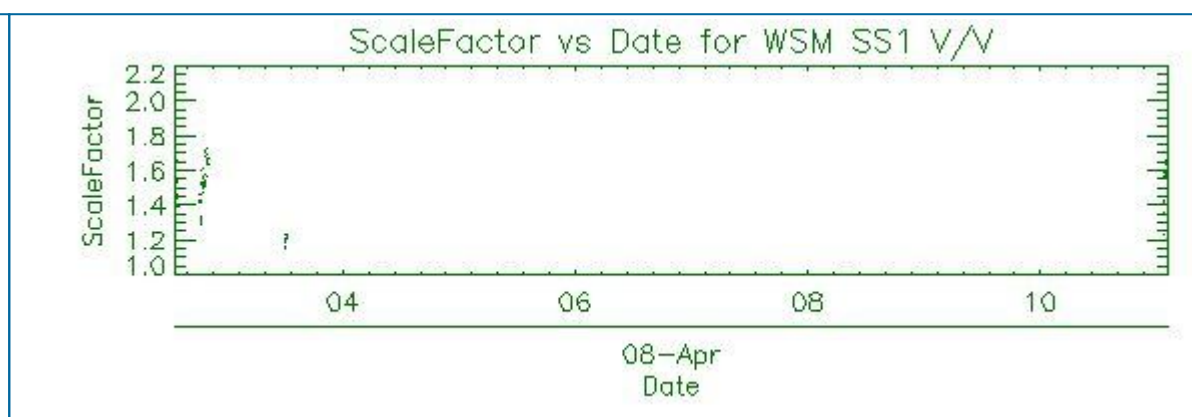
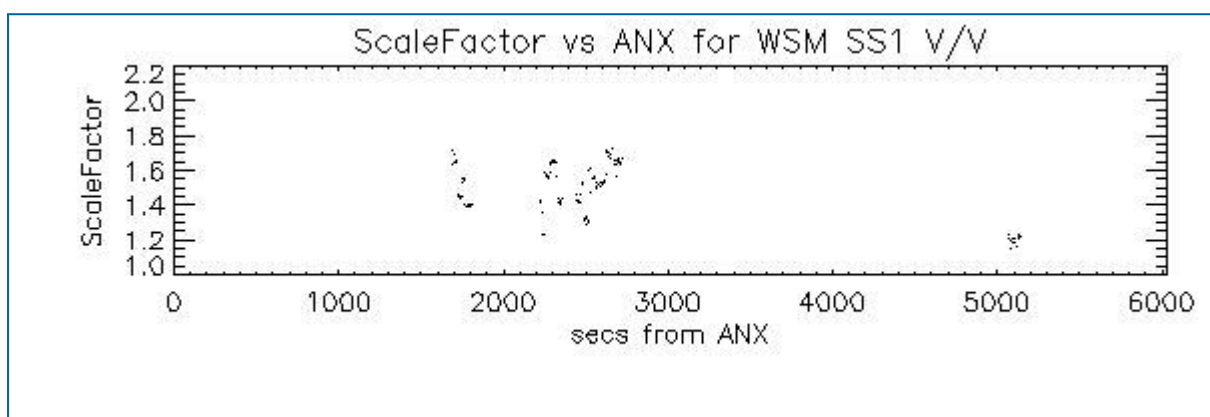




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

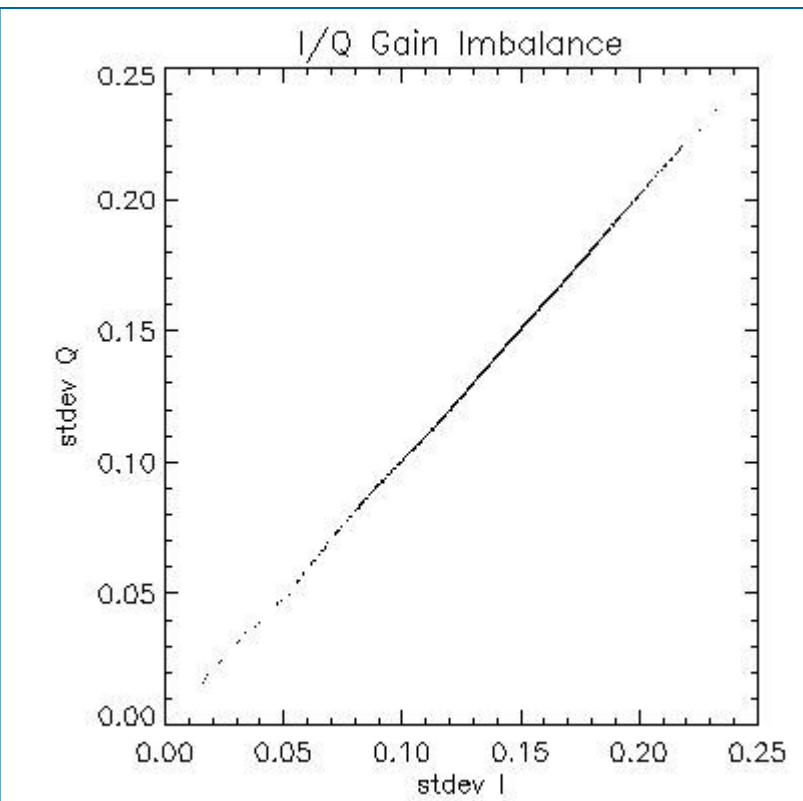
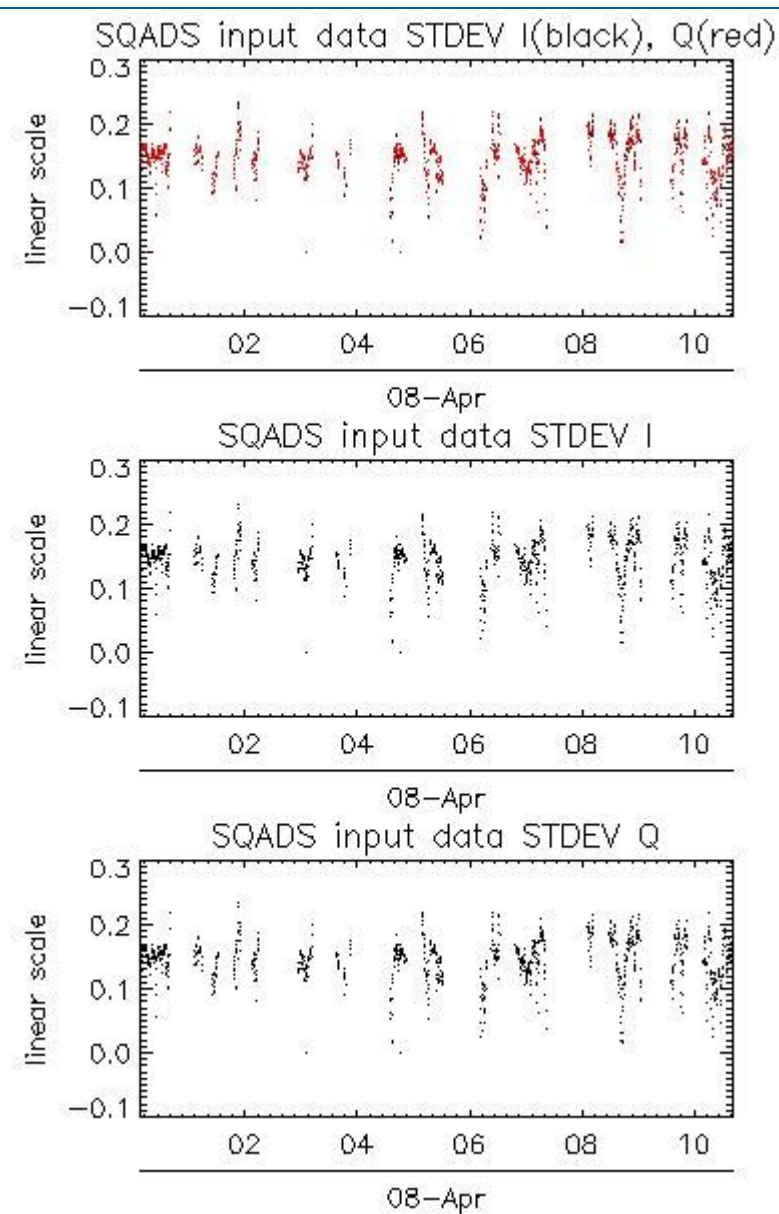
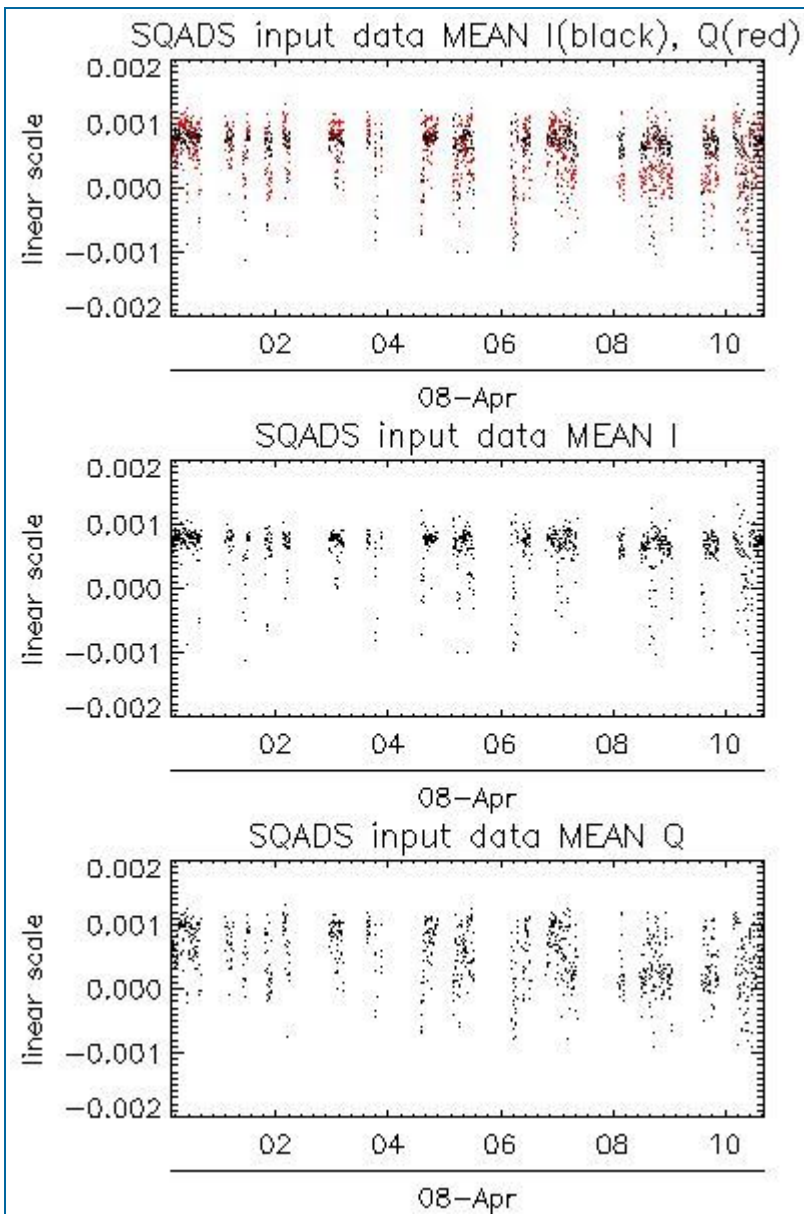


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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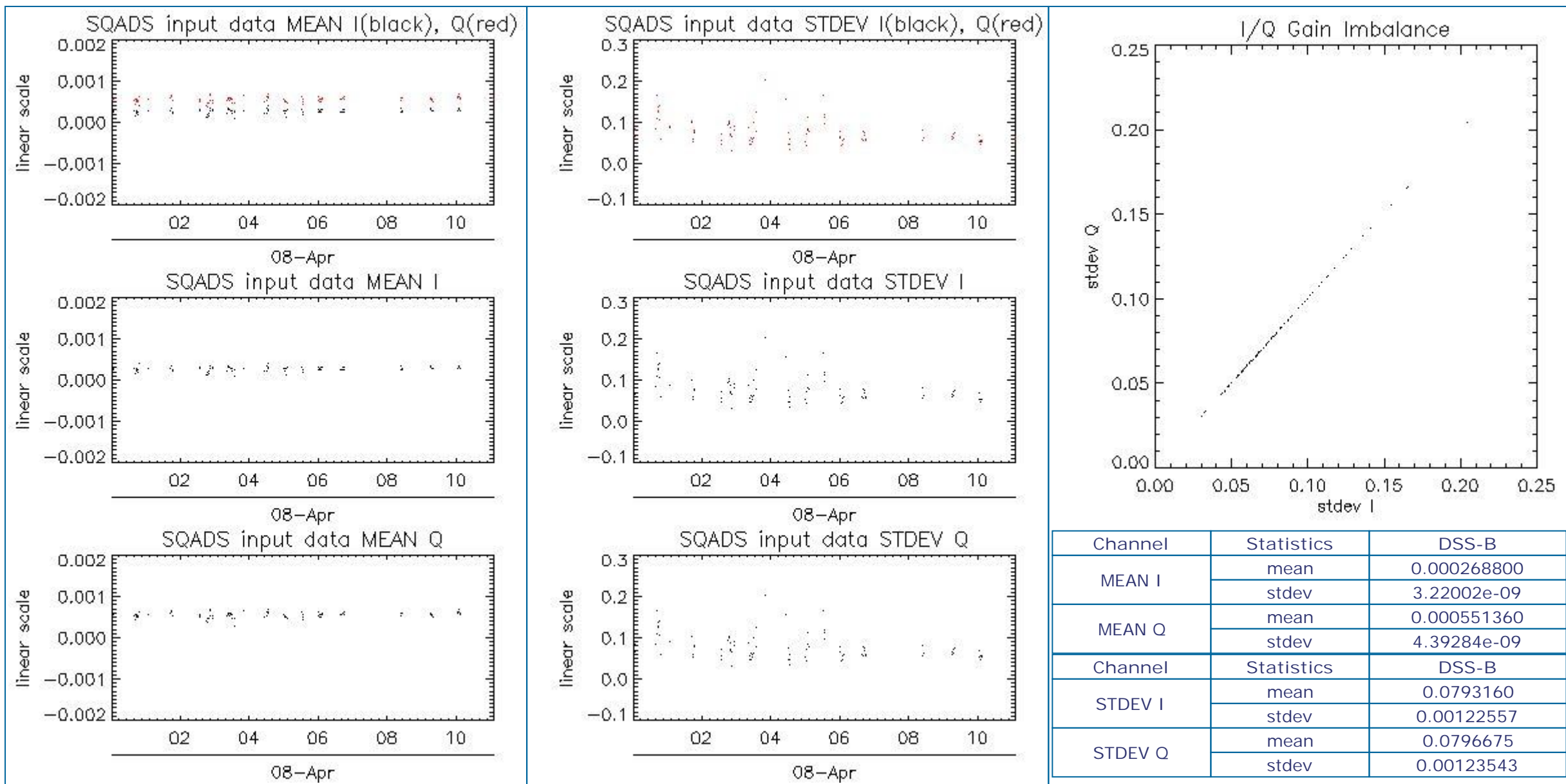


Channel	Statistics	DSS-B
MEAN I	mean	0.000614256
	stdev	1.41139e-07
MEAN Q	mean	0.000517980
	stdev	2.01576e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.144903
	stdev	0.00119285
STDEV Q	mean	0.145441
	stdev	0.00121508

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



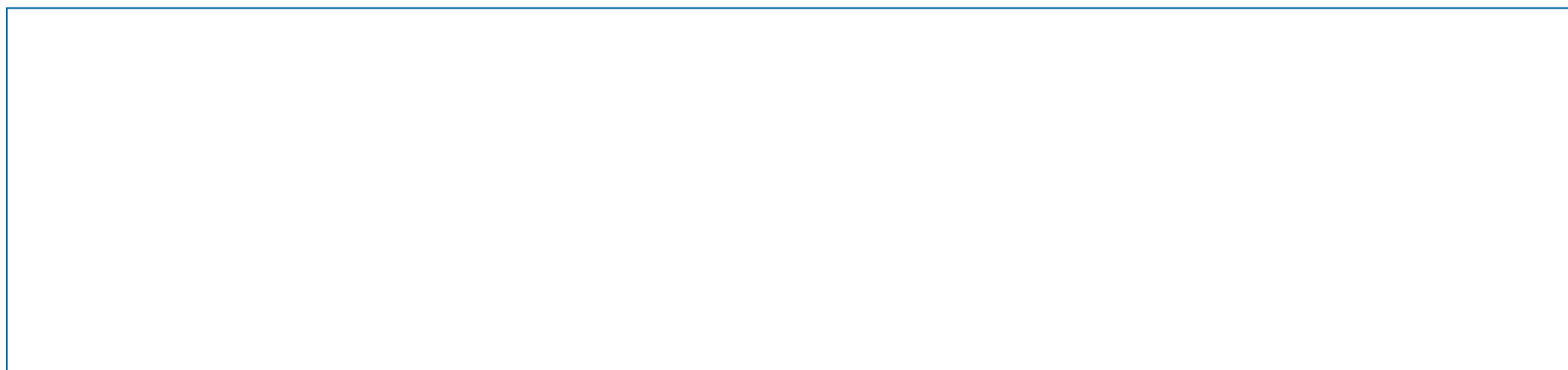


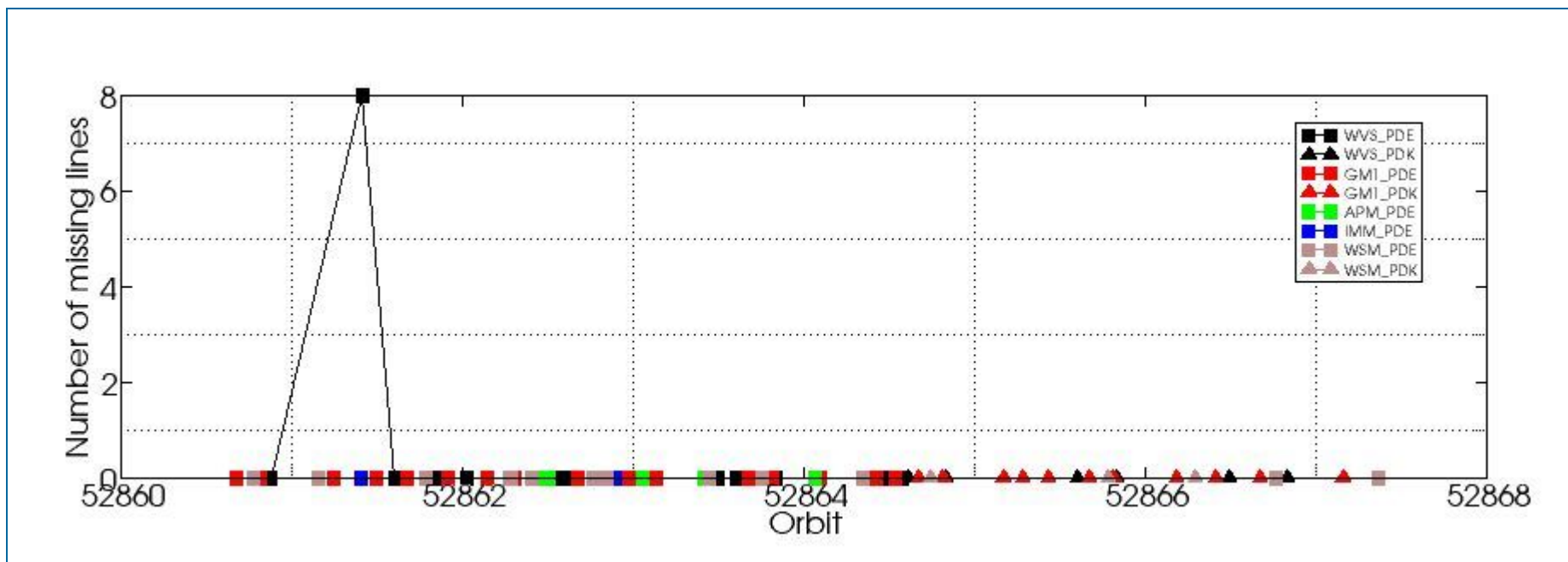
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120408_010620_000004523113_00261_52861_0913.N1	0	8
PDE	ASA_WVS_1PNPDE20120408_014806_000001953113_00261_52861_0910.N1	1	0
PDE	ASA_WVS_1PNPDE20120408_062325_000002103113_00264_52864_1075.N1	1	0

8.1 - Number of Missing lines

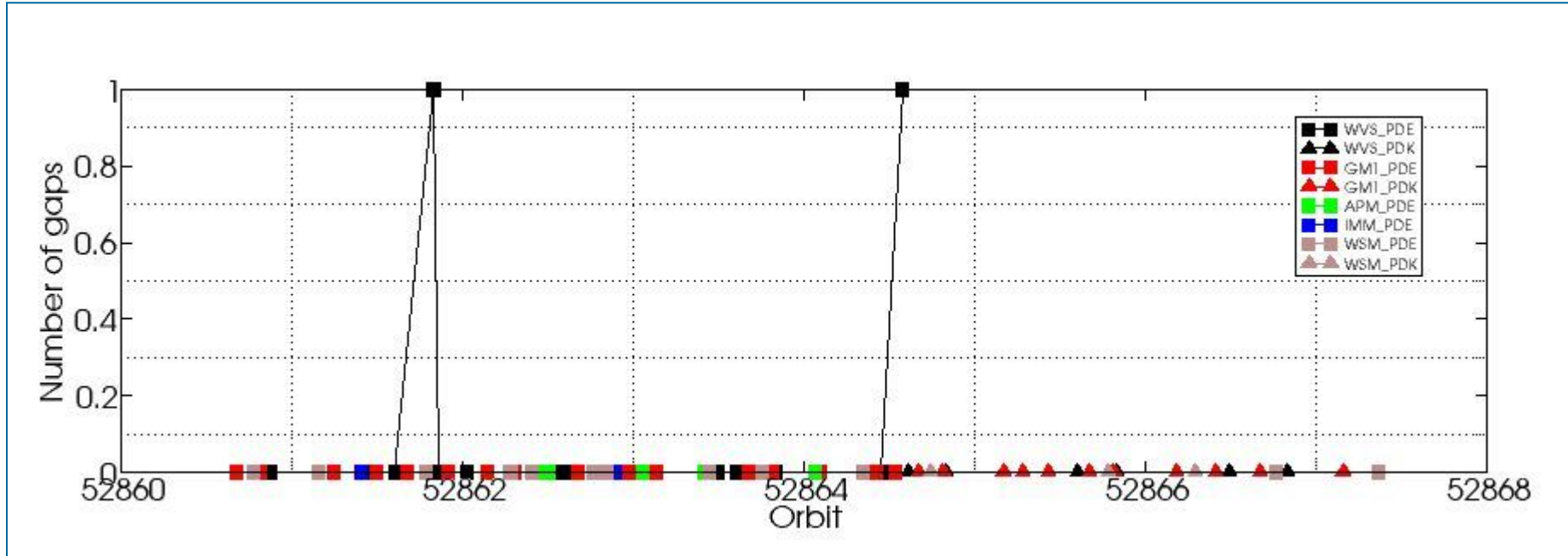
[BACK TO MENU]





8.2 - Number of Gaps

[[BACK TO MENU](#)]



ASAR DAILY REPORT for 120408
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-04-08 00:00:00

Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/

DATA SUMMARY

Summary will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120408/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120408/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/AUXILIARY

Creating directory ./RESULTS/DAILY/_120408/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120408*current_3_IECF_ADFs.txt
 Found list 20120408_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120408_000801_000003443113_00260_52860_0846.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_001246_000016193113_00260_52860_0915.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_010620_000004523113_00261_52861_0913.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_012519_000003753113_00261_52861_0911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_014806_000001953113_00261_52861_0910.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_015036_000003153113_00261_52861_0947.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_020729_000004493113_00262_52862_0950.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_025703_000005253113_00262_52862_0953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_030517_000003903113_00262_52862_0991.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_033647_000002093113_00262_52862_0993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_034534_000001043113_00263_52863_0992.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_035148_000000593113_00263_52863_0999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_043450_000006893113_00263_52863_1003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_044550_000001503113_00263_52863_1067.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_045001_000001203113_00263_52863_1064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_050843_000013943113_00263_52863_1070.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_061101_000004643113_00264_52864_1071.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120408_062325_000002103113_00264_52864_1075.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_062640_000003303113_00264_52864_9176.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_064857_000019643113_00264_52864_9179.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_080558_000003903113_00265_52865_9224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_082911_000020543113_00265_52865_9227.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_093517_000010343113_00266_52866_9276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120408_100916_000019193113_00266_52866_9279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20120408_000624_000000903113_00260_52860_0845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_004948_000009183113_00261_52861_0916.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_011441_000006283113_00261_52861_0914.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_013212_000006283113_00261_52861_0912.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_015638_000006283113_00261_52861_0944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_021931_000008283113_00262_52862_0952.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_023556_000005983113_00262_52862_0951.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_025415_000000903113_00262_52862_0954.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_031227_000005733113_00262_52862_0989.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_033120_000001873113_00262_52862_0990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_034104_000002653113_00262_52862_0994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_034805_000000963113_00263_52863_0996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_035341_000002413113_00263_52863_0995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_035921_000016923113_00263_52863_0997.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_042850_000000723113_00263_52863_1004.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_GM1_1PNPDE20120408_045238_000005073113_00263_52863_1065.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_050649_000001083113_00263_52863_1063.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_053521_000014923113_00264_52864_1069.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_060838_000001383113_00264_52864_1072.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120408_061933_000002293113_00264_52864_1076.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_063253_000004043113_00264_52864_9177.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_064707_000001023113_00264_52864_9178.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_072232_000007373113_00265_52865_9182.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_073409_000003503113_00265_52865_9222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_074919_000009973113_00265_52865_9223.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_081308_000006283113_00265_52865_9225.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_082727_000000963113_00265_52865_9226.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_090408_000006833113_00266_52866_9229.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_092718_000004773113_00266_52866_9275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_095322_000005553113_00266_52866_9277.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120408_104159_000008463113_00267_52867_9280.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20120408_025110_000001293113_00262_52862_0936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120408_025549_000000443113_00262_52862_0937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120408_035042_000000593113_00263_52863_1005.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120408_042732_000000593113_00263_52863_0987.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120408_053240_000001413113_00264_52864_1066.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20120408_010507_000000623113_00261_52861_0920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120408_033428_000000843113_00262_52862_1006.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_120408/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20120408_000200_000002513113_00260_52860_0834.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_004028_000005513113_00261_52861_0917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_014319_000002753113_00261_52861_0908.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_023320_000001533113_00262_52862_0938.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_024556_000003003113_00262_52862_0934.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_032205_000003923113_00262_52862_0998.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_032940_000000983113_00262_52862_1010.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_043011_000002813113_00263_52863_0988.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_050111_000003303113_00263_52863_1062.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_060017_000004893113_00264_52864_1061.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_100243_000003303113_00266_52866_1116.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120408_110324_000001533113_00267_52867_1117.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120408_063939_000004343113_00264_52864_9189.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120408_082350_000002143113_00265_52865_9234.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120408_091534_000003123113_00266_52866_9235.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```


#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120408/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120408/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS_0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS_0PNPDK20120407_121020_000000163113_00253_52853_1108.N1

H
H
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120407_121020-20010209_135042.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120407_121020-20010209_135042.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120407_121020-20010209_135042.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120407_121020-20010209_135042.png

Polarization: V
Reference product: ASA_MS_0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS_0PNPDK20120407_135033_000000163113_00254_52854_1109.N1

V
V
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120407_135033-20010209_140823.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120407_135033-20010209_140823.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120407_135033-20010209_140823.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120407_135033-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS_0PNPDK20120406_124704_000000163113_00239_52839_1106.N1
Test product: ASA_MS_0PNPDK20120407_121020_000000163113_00253_52853_1108.N1

H
H
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120407_121020-20120406_124704.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120407_121020-20120406_124704.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120407_121020-20120406_124704.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120407_121020-20120406_124704.png

Polarization: V
Reference product: ASA_MS_0PNPDK20120406_142718_000000163113_00240_52840_1107.N1
Test product: ASA_MS_0PNPDK20120407_135033_000000163113_00254_52854_1109.N1

V
V
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120407_135033-20120406_142718.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120407_135033-20120406_142718.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120407_135033-20120406_142718.png
../../RESULTS/DAILY/_120408/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120407_135033-20120406_142718.png

MODULE STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120408/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing products WVS IS2 V/V

1 34241 7 34241

Writing image ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 21601 7 21601

Writing image ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-04-08_1.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-04-08_2.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-04-08_3.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-04-08_4.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120408/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 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-04-08_1.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-04-08_2.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-04-08_3.dat...

Writing ../../RESULTS/DAILY/_120408/CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...



Writing ../../RESULTS/DAILY/_120408//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-04-08 00:00:00 to 2012-04-08 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120408/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-04-08_4.dat...

Writing ../../RESULTS/DAILY/_120408//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_120408//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120408/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...

Writing file ./RESULTS/DAILY/_120408/DOPPLER/Doppler_data_WVS_IS2_VV_2012-04-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120408/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...

Writing file ./RESULTS/DAILY/_120408/DOPPLER/Doppler_data_GM1_SS1_HH_2012-04-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120408/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...

Writing file ./RESULTS/DAILY/_120408/DOPPLER/Doppler_Jumps_data_WSM_2012-04-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120408/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_120408/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing products WVS IS2 V/V

351

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -21.428311 Hz

Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...



721

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -18.215938 Hz
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

1620

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -1.6947437 Hz
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

1033

Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -3.9951666 Hz
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120408//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120408/CHIRP...

CHIRP Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-04-08.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120408/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120408/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...


```
Writing file ./RESULTS/DAILY/_120408/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-04-08.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120408/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120408/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/RAW_DATA

Creating directory ./RESULTS/DAILY/_120408/RAW_DATA...

Getting raw data for WVS from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/RAW_DATA/Raw_data_WVS_2012-04-08.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-04-08 00:00:00 to 2012-04-08 23:59:59...
Writing file ./RESULTS/DAILY/_120408/RAW_DATA/Raw_data_IMM_2012-04-08.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120408/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-04-08 00:00:00 to 2012-04-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120408/TELEMETRY

Creating directory ./RESULTS/DAILY/_120408/TELEMETRY...

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

Checking 18 products from PDE...
Found product...ASA_WVS_1PNPDE20120408_010620_000004523113_00261_52861_0913.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120408_014806_000001953113_00261_52861_0910.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120408_062325_000002103113_00264_52864_1075.N1 / 1 gaps / 0 missing lines
Checking 6 products from PDK...

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

Checking 21 products from PDE...
Checking 11 products from PDK...

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

Checking 5 products from PDE...
No products from PDK...

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

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

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

Checking 12 products from PDE...
Checking 3 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120408/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_120408/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_120408/asarReport.html...
Building DATA SUMMARY section...
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed
#####



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20120408_025110_000001293113_00262_52862_0936.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120408_025549_000000443113_00262_52862_0937.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120408_035042_000000593113_00263_52863_1005.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120408_042732_000000593113_00263_52863_0987.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120408_053240_000001413113_00264_52864_1066.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_1PNPDE20120408_000624_000000903113_00260_52860_0845.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_004948_000009183113_00261_52861_0916.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_011441_000006283113_00261_52861_0914.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_013212_000006283113_00261_52861_0912.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_015638_000006283113_00261_52861_0944.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_021931_000008283113_00262_52862_0952.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_023556_000005983113_00262_52862_0951.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_025415_00000903113_00262_52862_0954.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_031227_000005733113_00262_52862_0989.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_033120_000001873113_00262_52862_0990.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_034104_000002653113_00262_52862_0994.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_034805_00000963113_00263_52863_0996.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_035341_000002413113_00263_52863_0995.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_035921_000016923113_00263_52863_0997.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_042850_000000723113_00263_52863_1004.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_045238_000005073113_00263_52863_1065.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_050649_000001083113_00263_52863_1063.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_053521_000014923113_00264_52864_1069.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_060838_000001383113_00264_52864_1072.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120408_061933_000002293113_00264_52864_1076.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_063253_000004043113_00264_52864_9177.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_064707_000001023113_00264_52864_9178.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_072232_000007373113_00265_52865_9182.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_073409_000003503113_00265_52865_9222.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_074919_000009973113_00265_52865_9223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_081308_000006283113_00265_52865_9225.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_082727_00000963113_00265_52865_9226.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_090408_000006833113_00266_52866_9229.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_092718_000004773113_00266_52866_9275.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_095322_000005553113_00266_52866_9277.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120408_104159_000008463113_00267_52867_9280.N1					OK	OK	OK	OK

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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20120408_010507_000000623113_00261_52861_0920.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120408_033428_000000843113_00262_52862_1006.N1	OK	OK	OK	OK

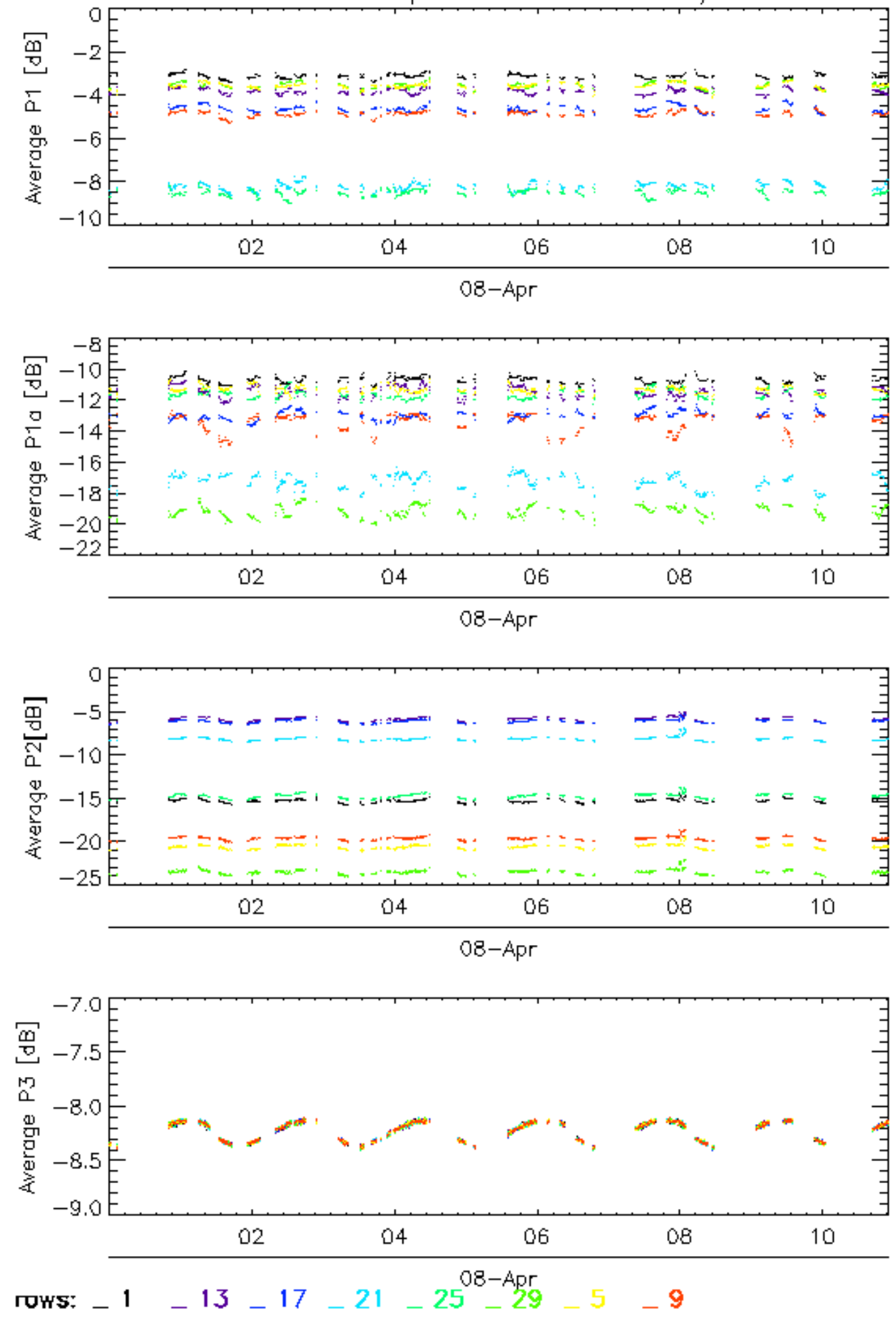
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WSM_1PNPDE20120408_000200_000002513113_00260_52860_0834.N1				
ASA_WSM_1PNPDE20120408_004028_000005513113_00261_52861_0917.N1				
ASA_WSM_1PNPDE20120408_014319_000002753113_00261_52861_0908.N1				
ASA_WSM_1PNPDE20120408_023320_000001533113_00262_52862_0938.N1				
ASA_WSM_1PNPDE20120408_024556_000003003113_00262_52862_0934.N1				
ASA_WSM_1PNPDE20120408_032205_000003923113_00262_52862_0998.N1				
ASA_WSM_1PNPDE20120408_032940_000000983113_00262_52862_1010.N1				
ASA_WSM_1PNPDE20120408_043011_000002813113_00263_52863_0988.N1				
ASA_WSM_1PNPDE20120408_050111_000003303113_00263_52863_1062.N1				
ASA_WSM_1PNPDE20120408_060017_000004893113_00264_52864_1061.N1				
ASA_WSM_1PNPDE20120408_100243_000003303113_00266_52866_1116.N1				
ASA_WSM_1PNPDE20120408_110324_000001533113_00267_52867_1117.N1				
ASA_WSM_1PNPDK20120408_063939_000004343113_00264_52864_9189.N1				
ASA_WSM_1PNPDK20120408_082350_000002143113_00265_52865_9234.N1				
ASA_WSM_1PNPDK20120408_091534_000003123113_00266_52866_9235.N1				

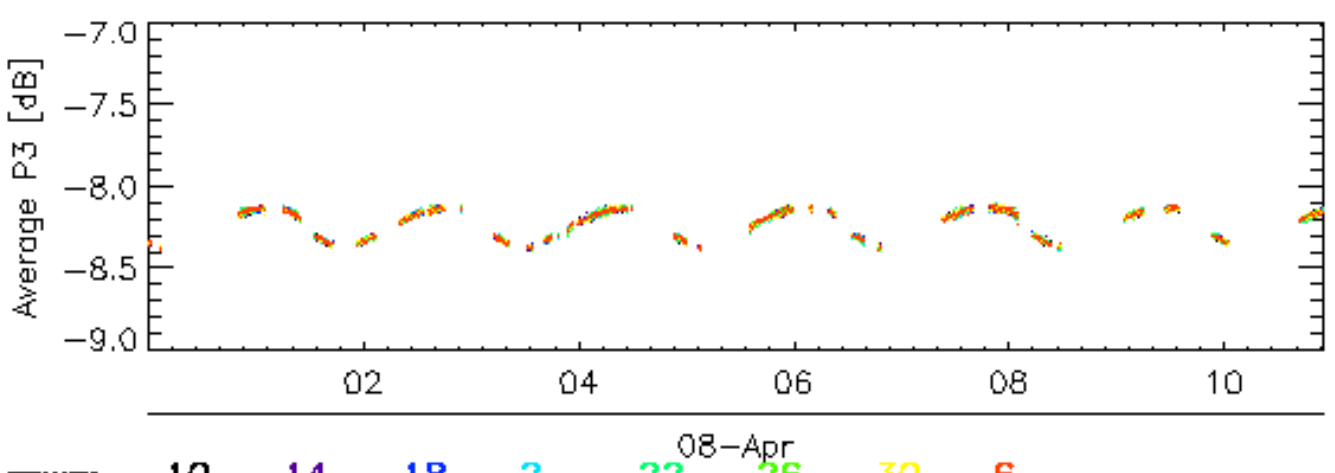
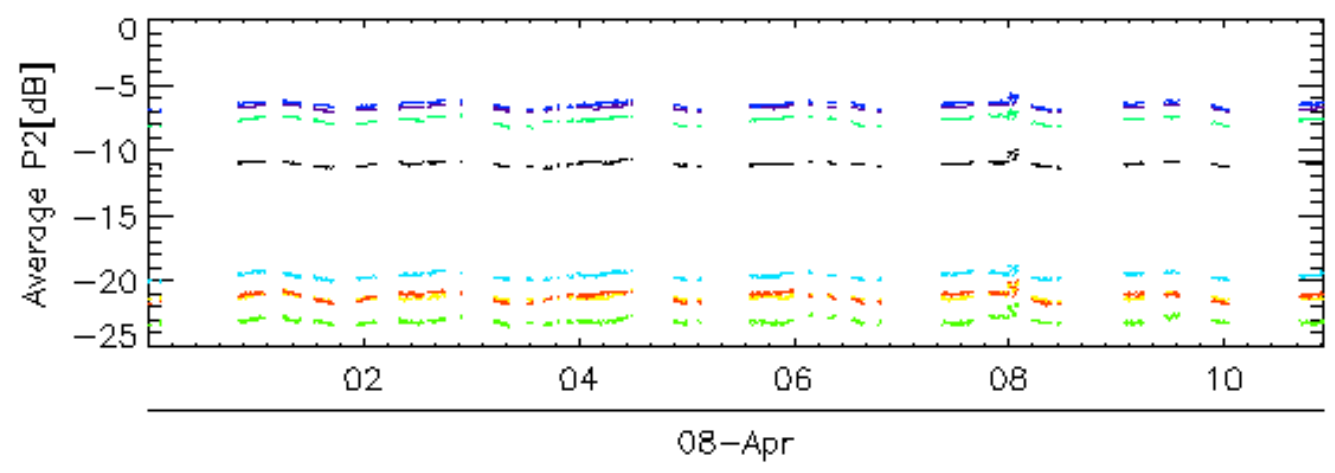
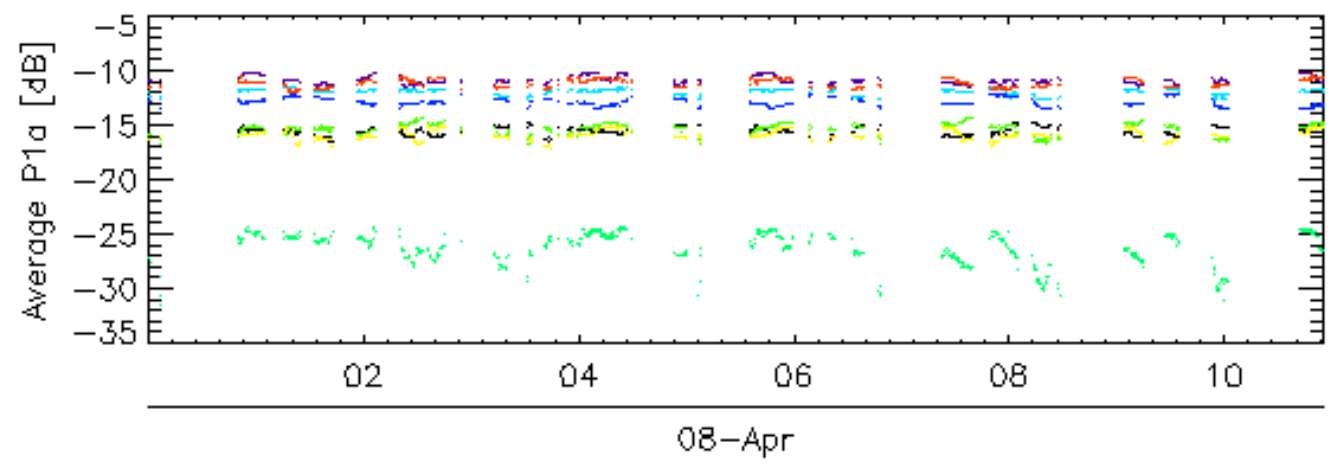
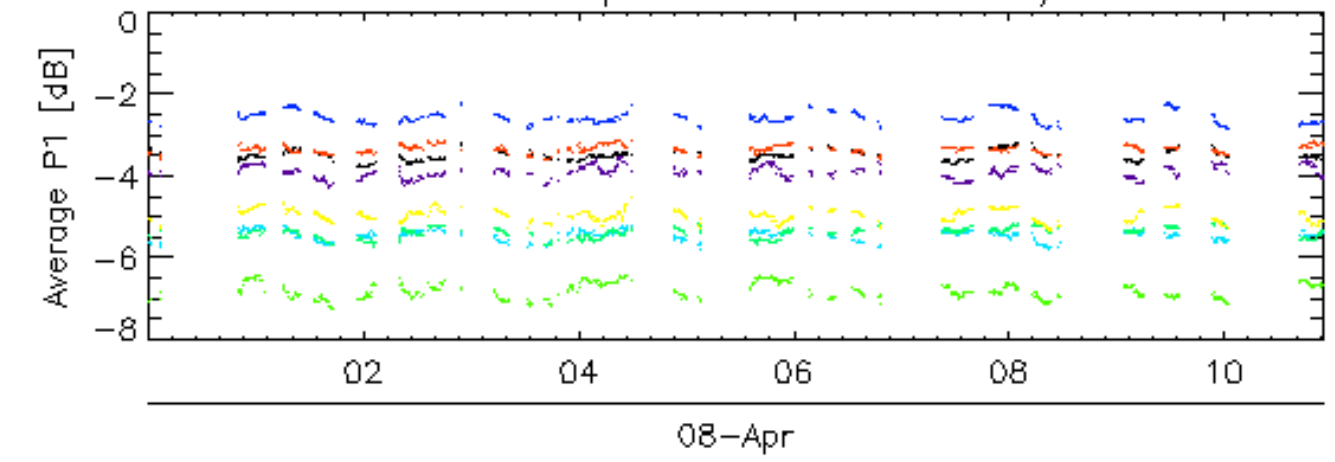
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20120408_000801_000003443113_00260_52860_0846.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_001246_000016193113_00260_52860_0915.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_010620_000004523113_00261_52861_0913.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_012519_000003753113_00261_52861_0911.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_014806_000001953113_00261_52861_0910.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_015036_000003153113_00261_52861_0947.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_020729_000004493113_00262_52862_0950.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_025703_000005253113_00262_52862_0953.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_030517_000003903113_00262_52862_0991.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_033647_000002093113_00262_52862_0993.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_034534_000001043113_00263_52863_0992.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_035148_000000593113_00263_52863_0999.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_043450_000006893113_00263_52863_1003.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_044550_000001503113_00263_52863_1067.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_045001_000001203113_00263_52863_1064.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_050843_000013943113_00263_52863_1070.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_061101_000004643113_00264_52864_1071.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120408_062325_000002103113_00264_52864_1075.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_062640_000003303113_00264_52864_9176.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_064857_000019643113_00264_52864_9179.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_080558_000003903113_00265_52865_9224.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_082911_000020543113_00265_52865_9227.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_093517_000010343113_00266_52866_9276.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120408_100916_000019193113_00266_52866_9279.N1					OK	OK	OK	OK

Calibration pulses for GM1 SS3 H/H

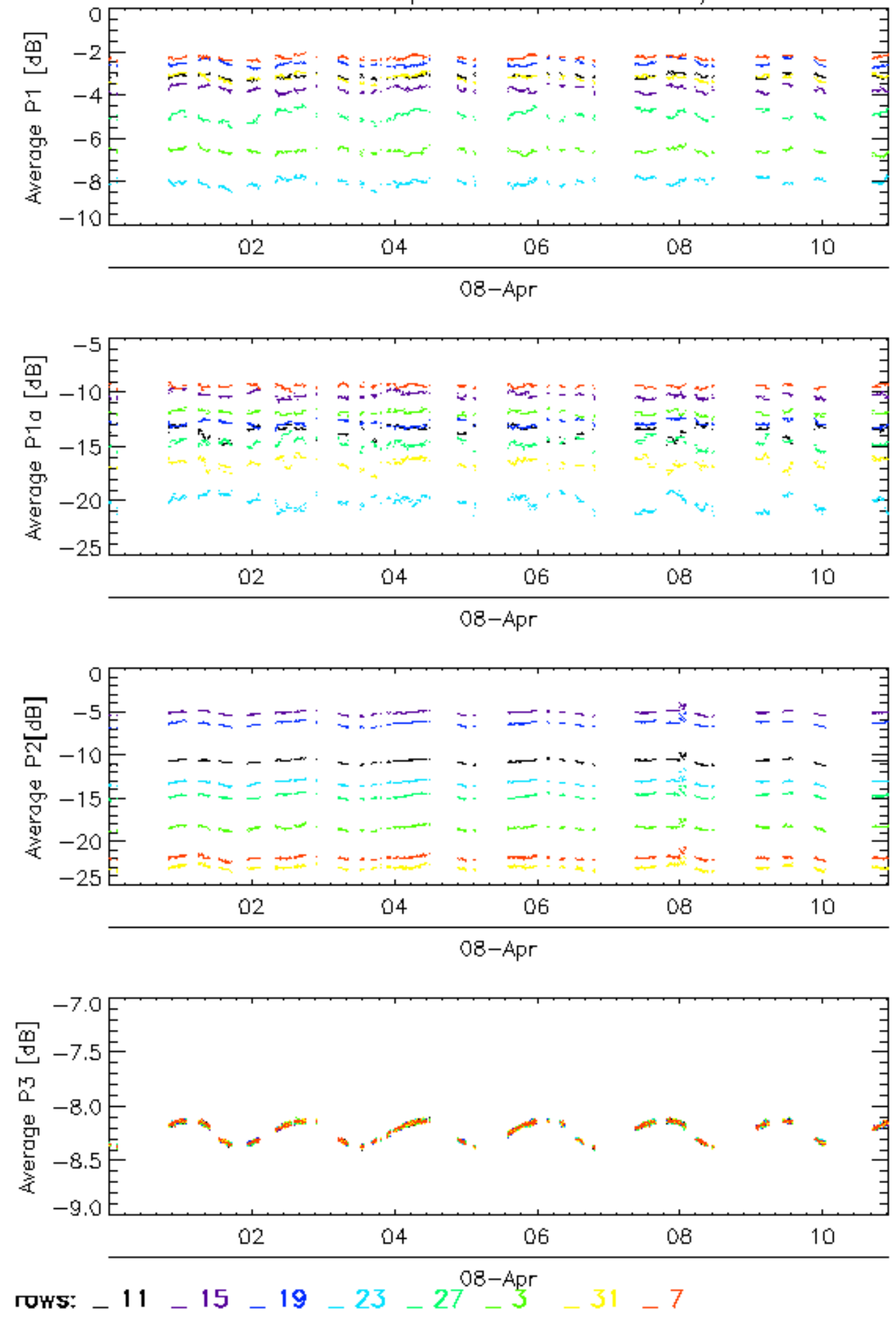


Calibration pulses for GM1 SS3 H/H

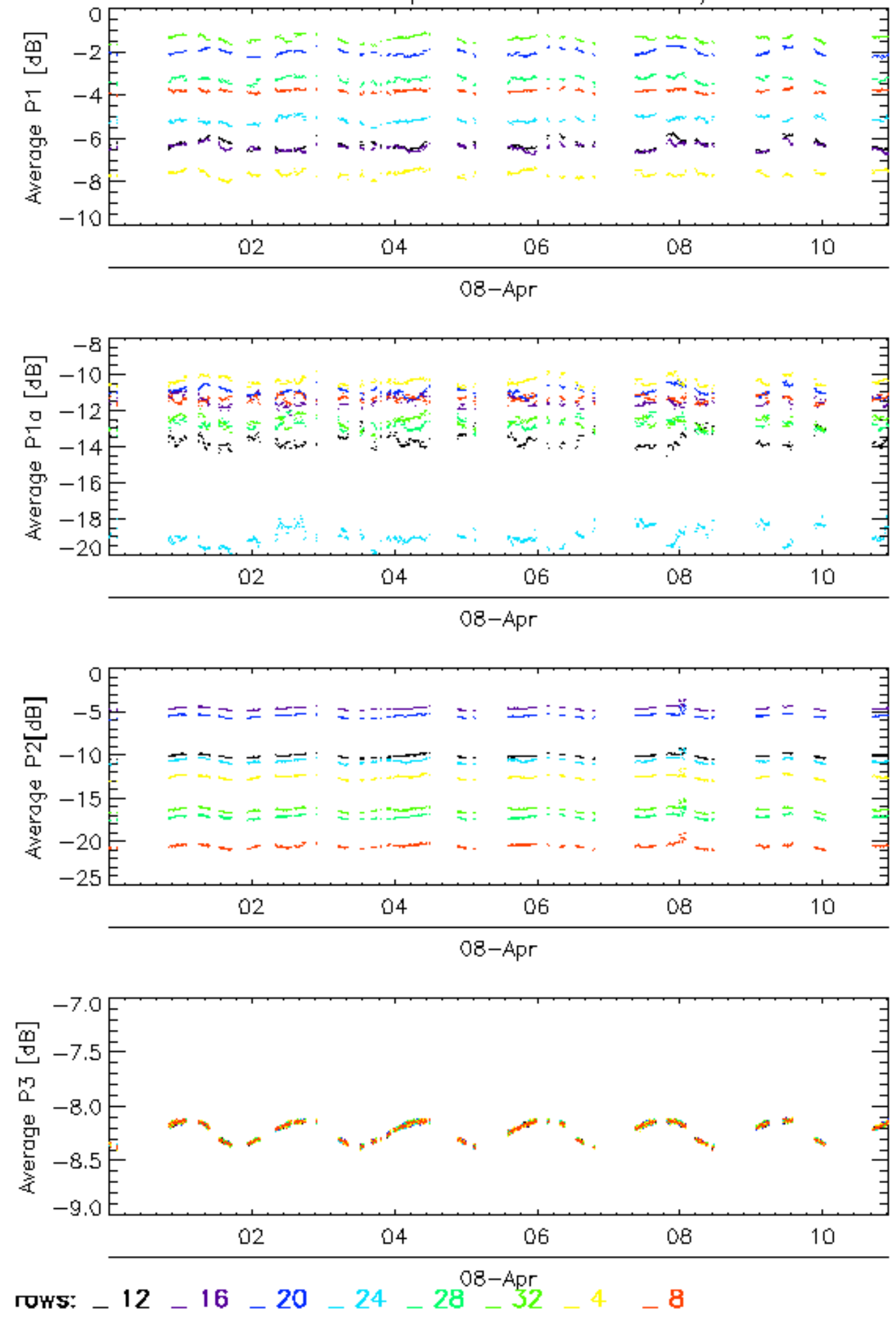


rows: 10 14 18 2 22 26 30 6

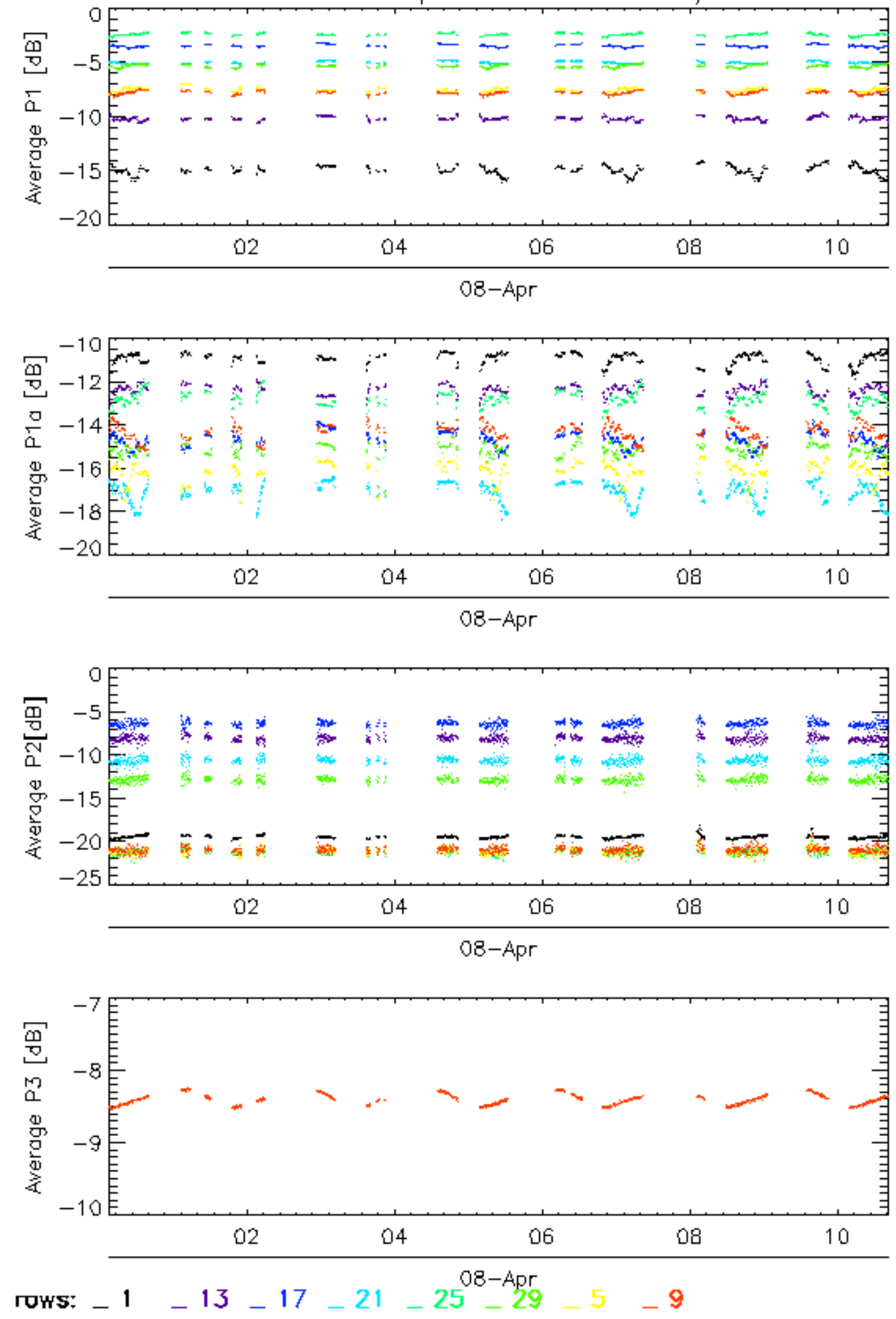
Calibration pulses for GM1 SS3 H/H



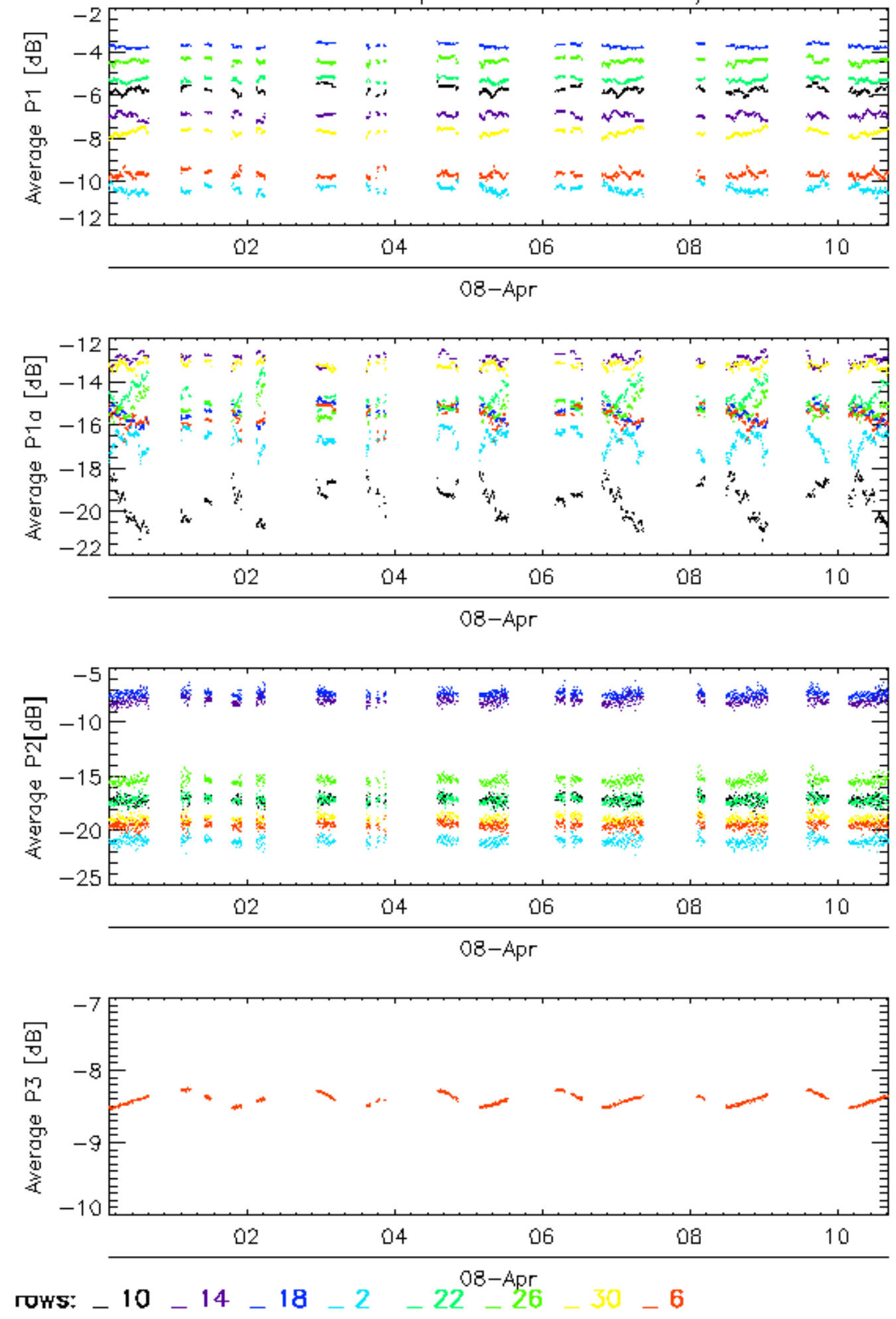
Calibration pulses for GM1 SS3 H/H



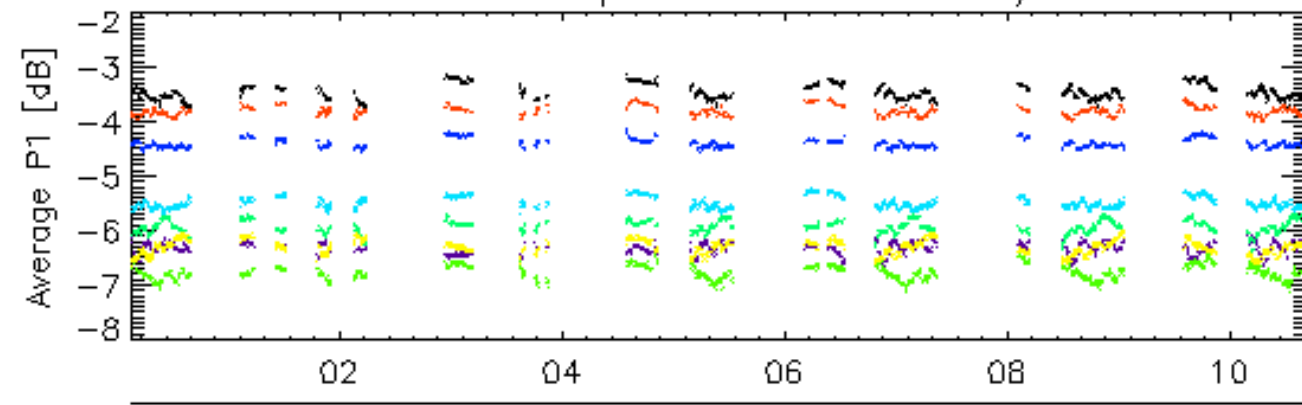
Calibration pulses for WVS IS2 V/V



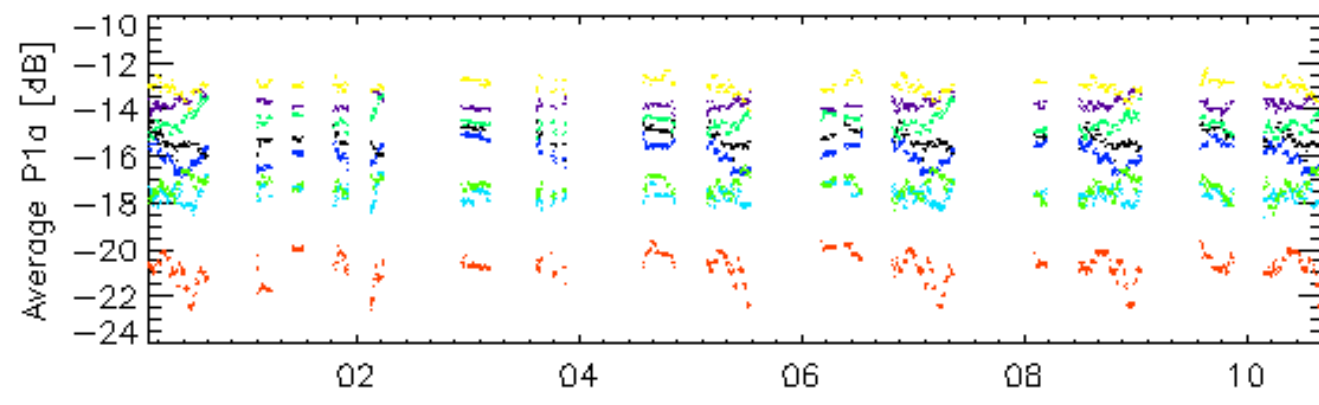
Calibration pulses for WVS IS2 V/V



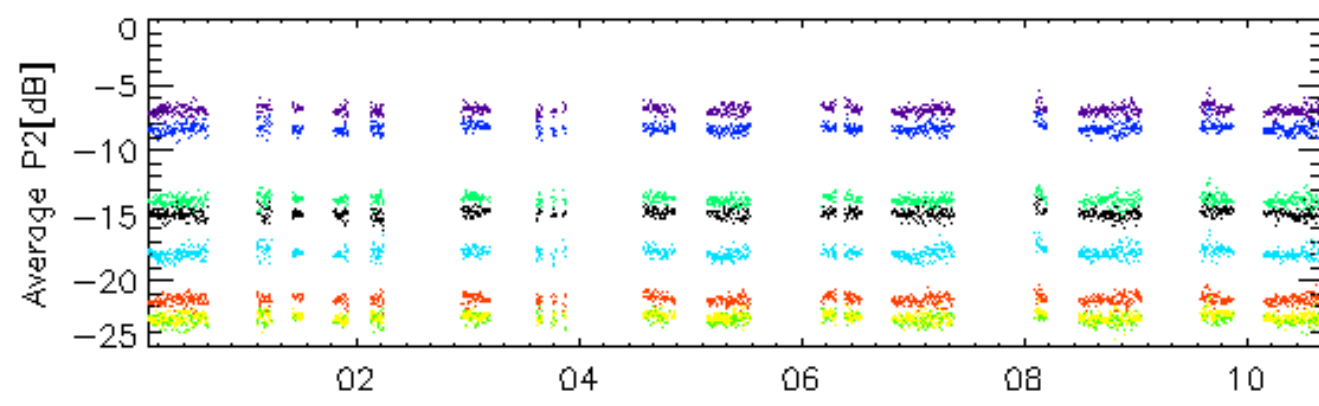
Calibration pulses for WVS IS2 V/V



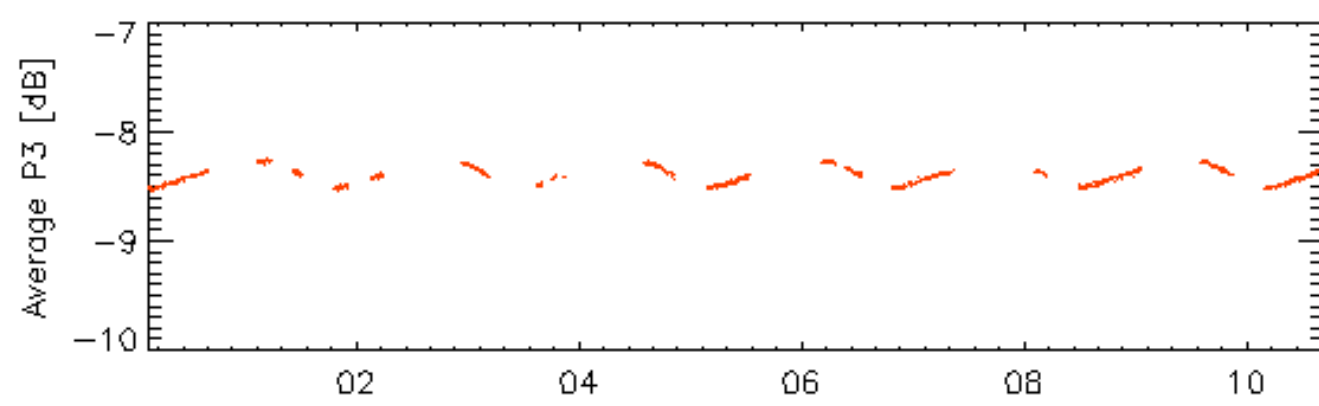
08-Apr



08-Apr



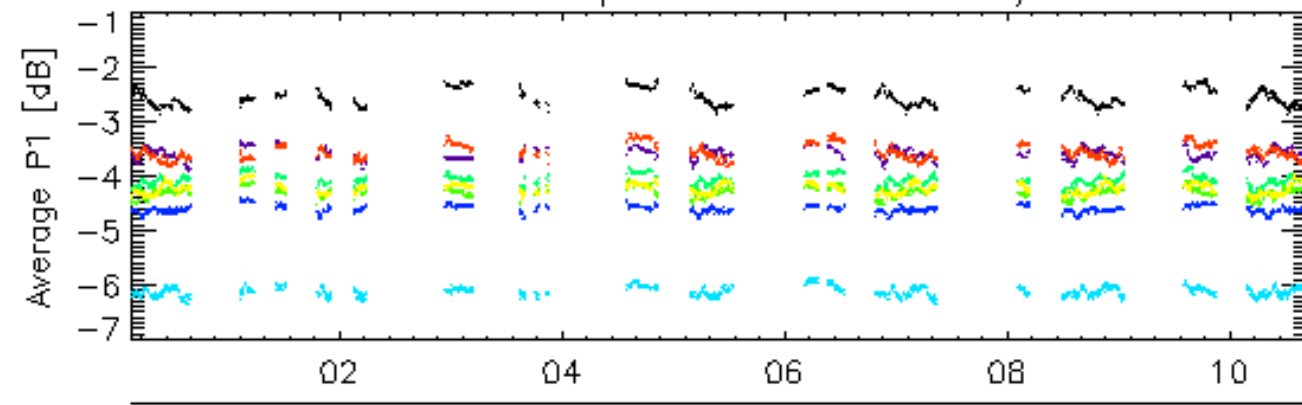
08-Apr



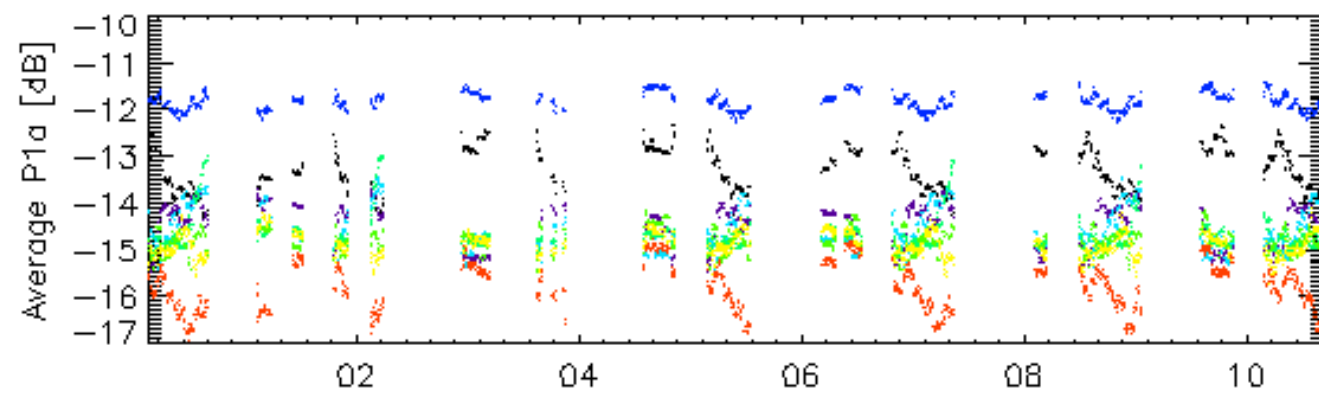
08-Apr

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

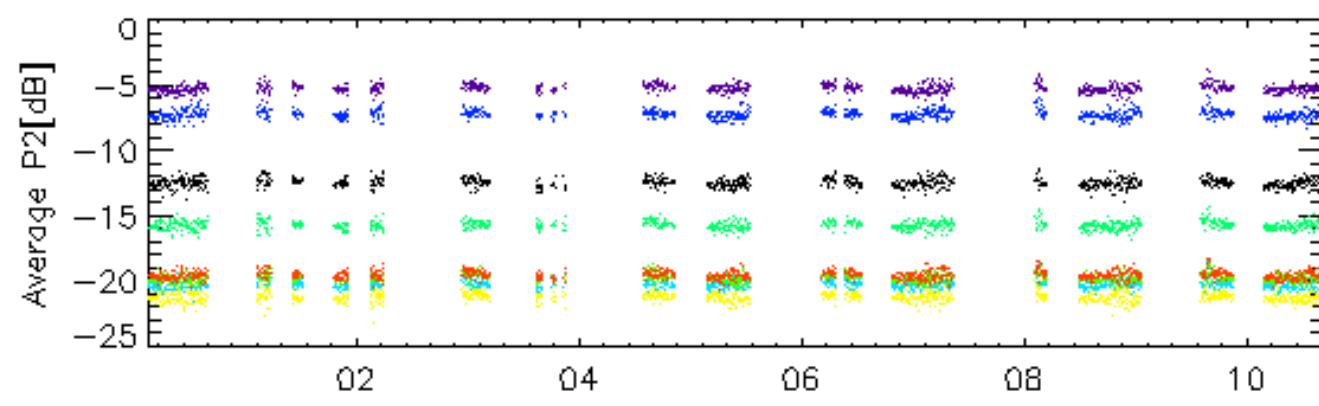
Calibration pulses for WVS IS2 V/V



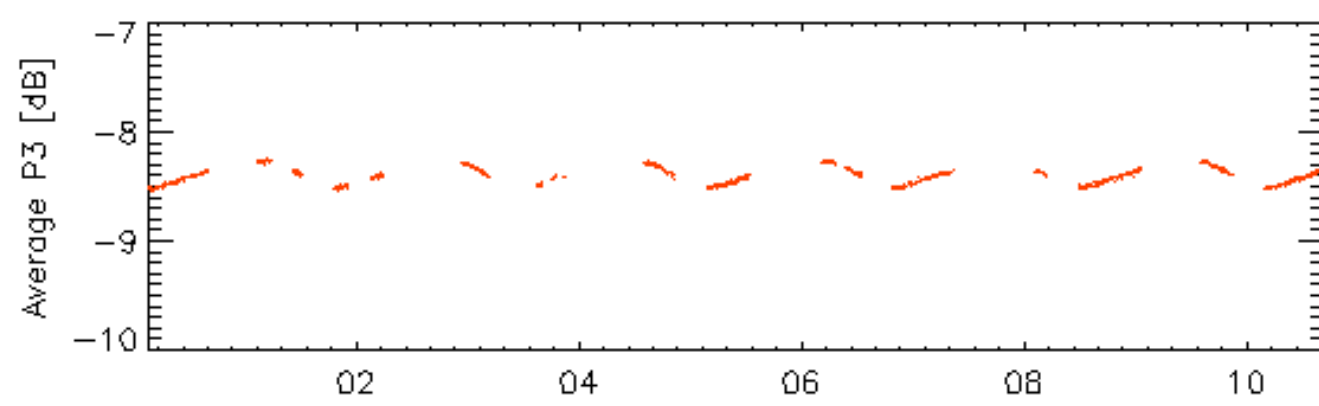
08-Apr



08-Apr

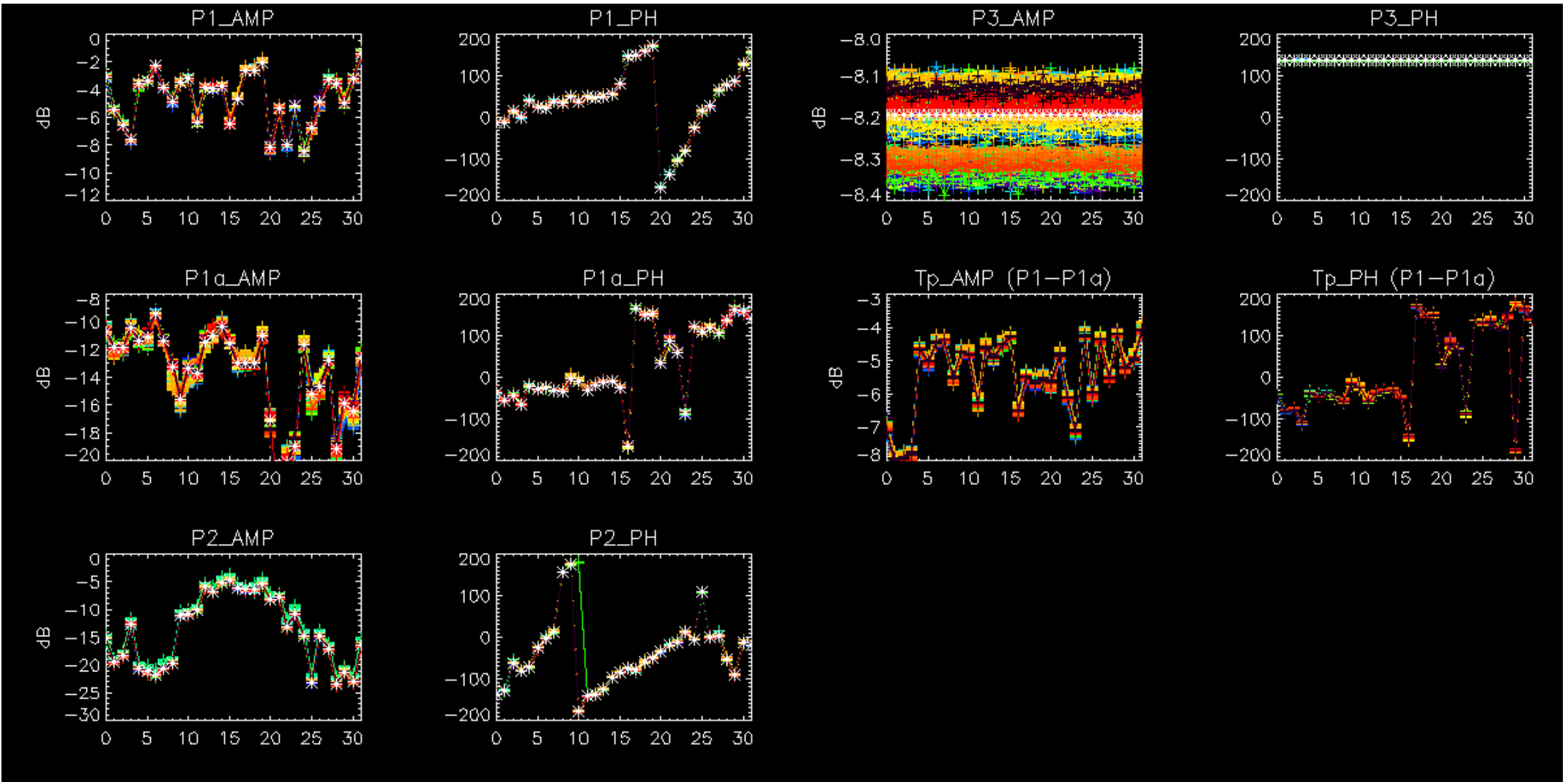


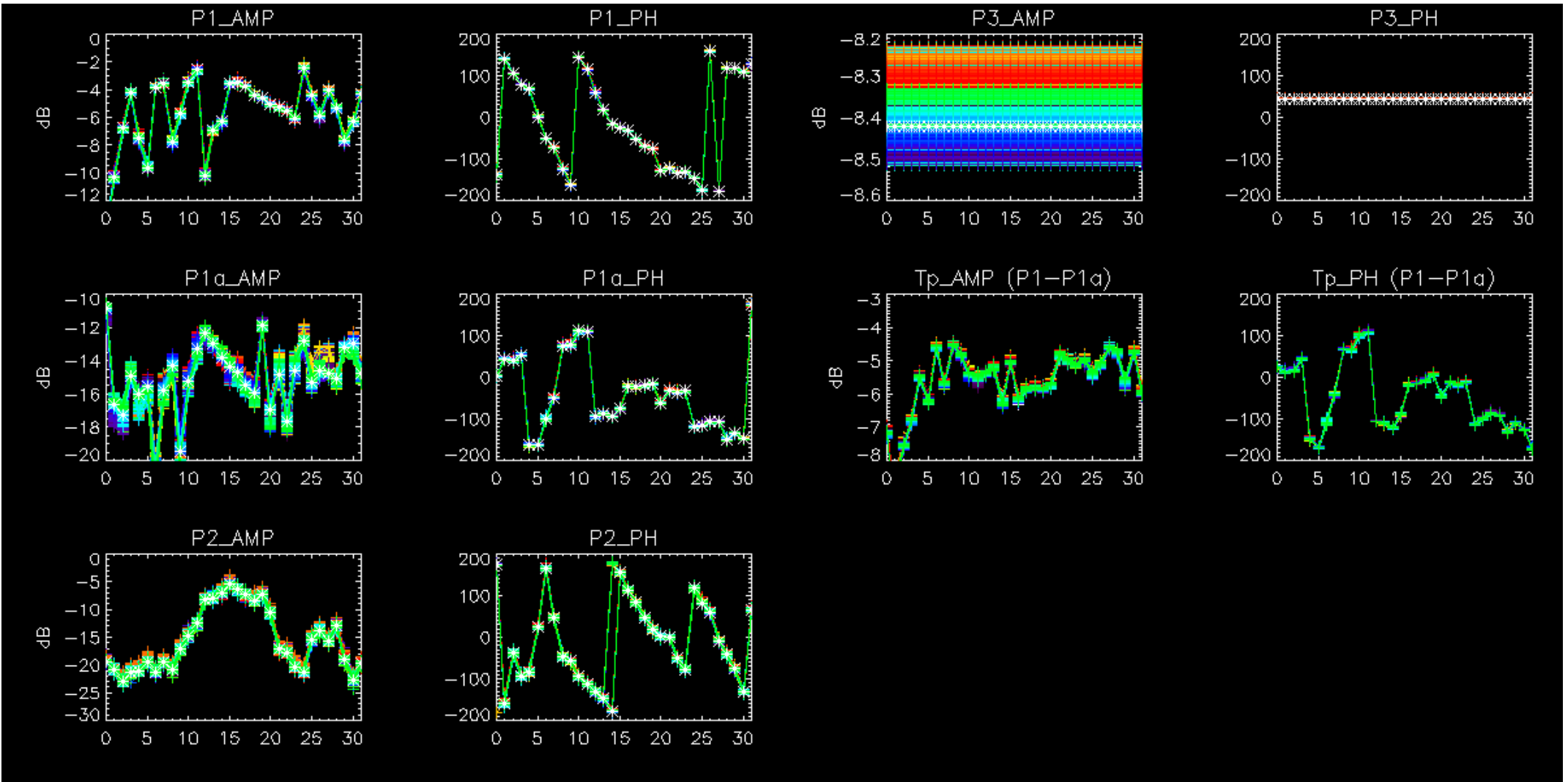
08-Apr

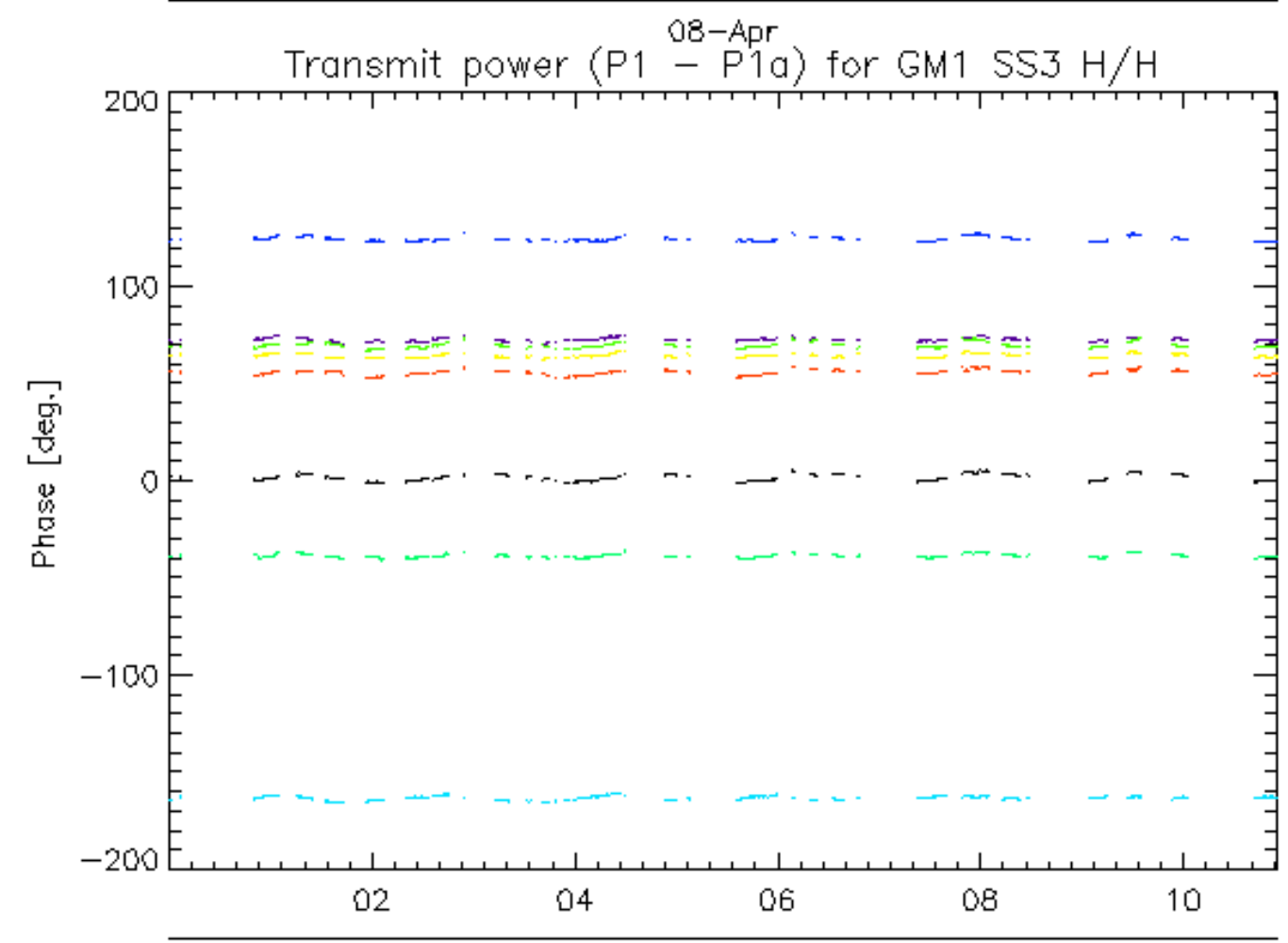
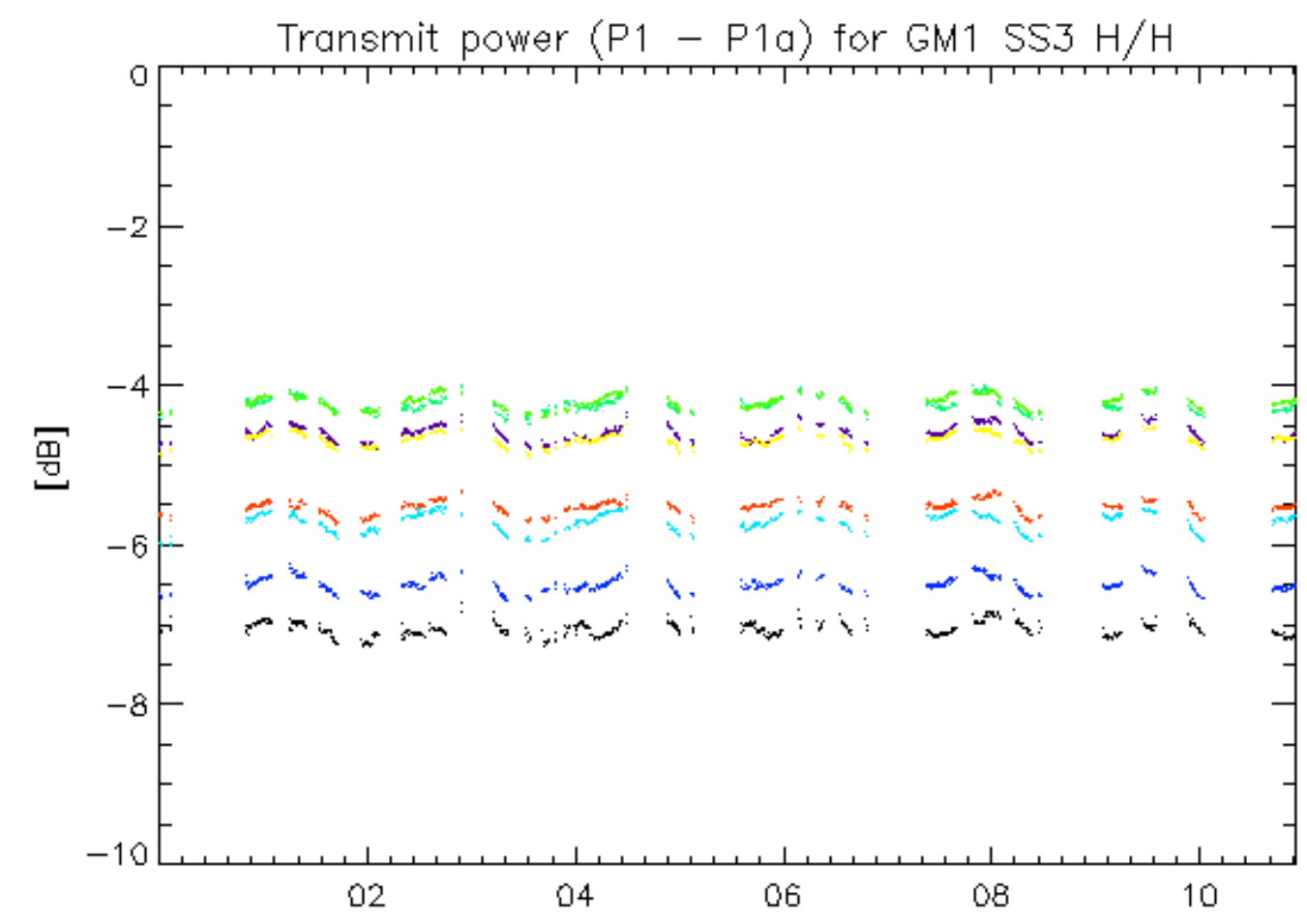


08-Apr

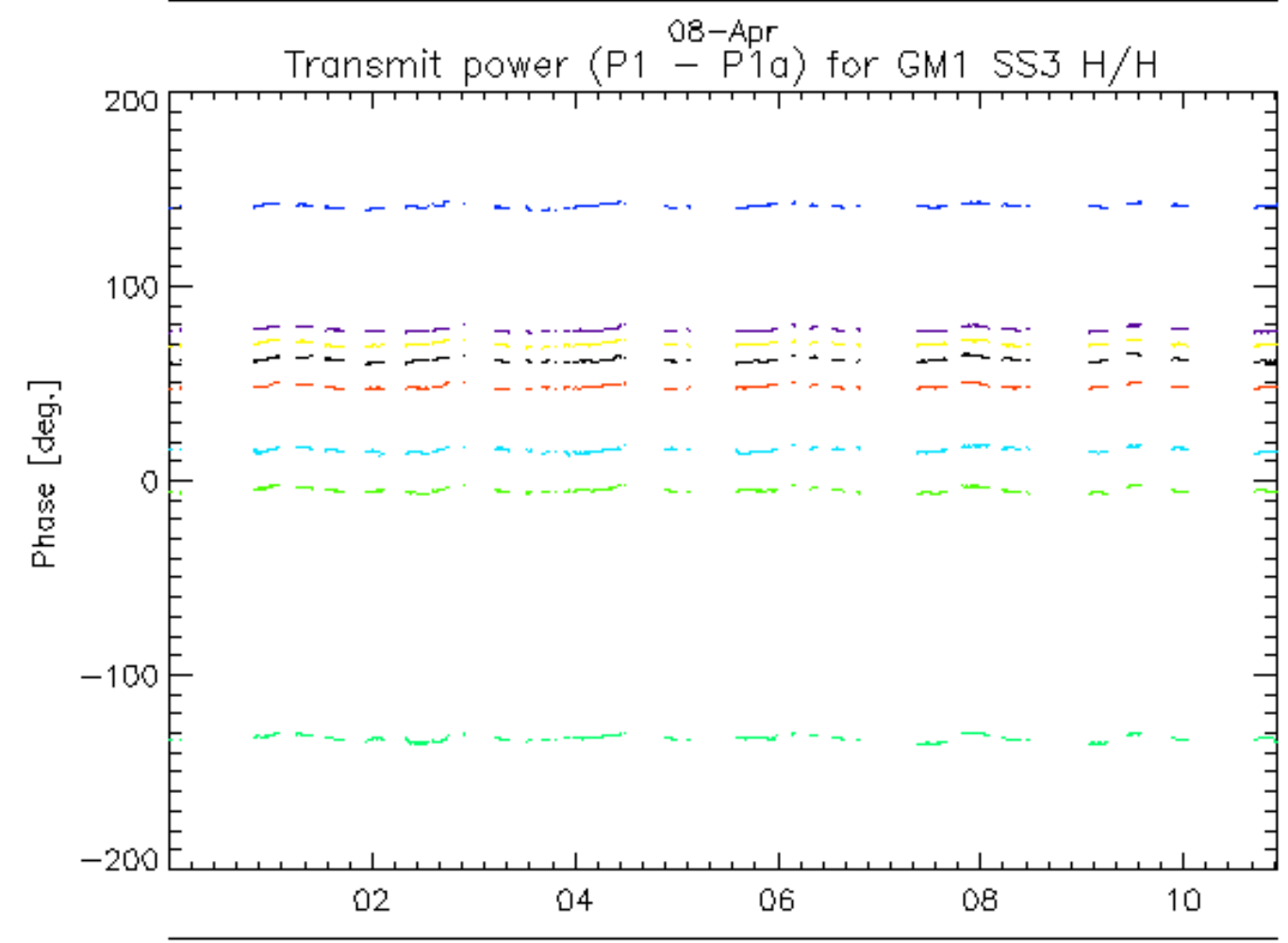
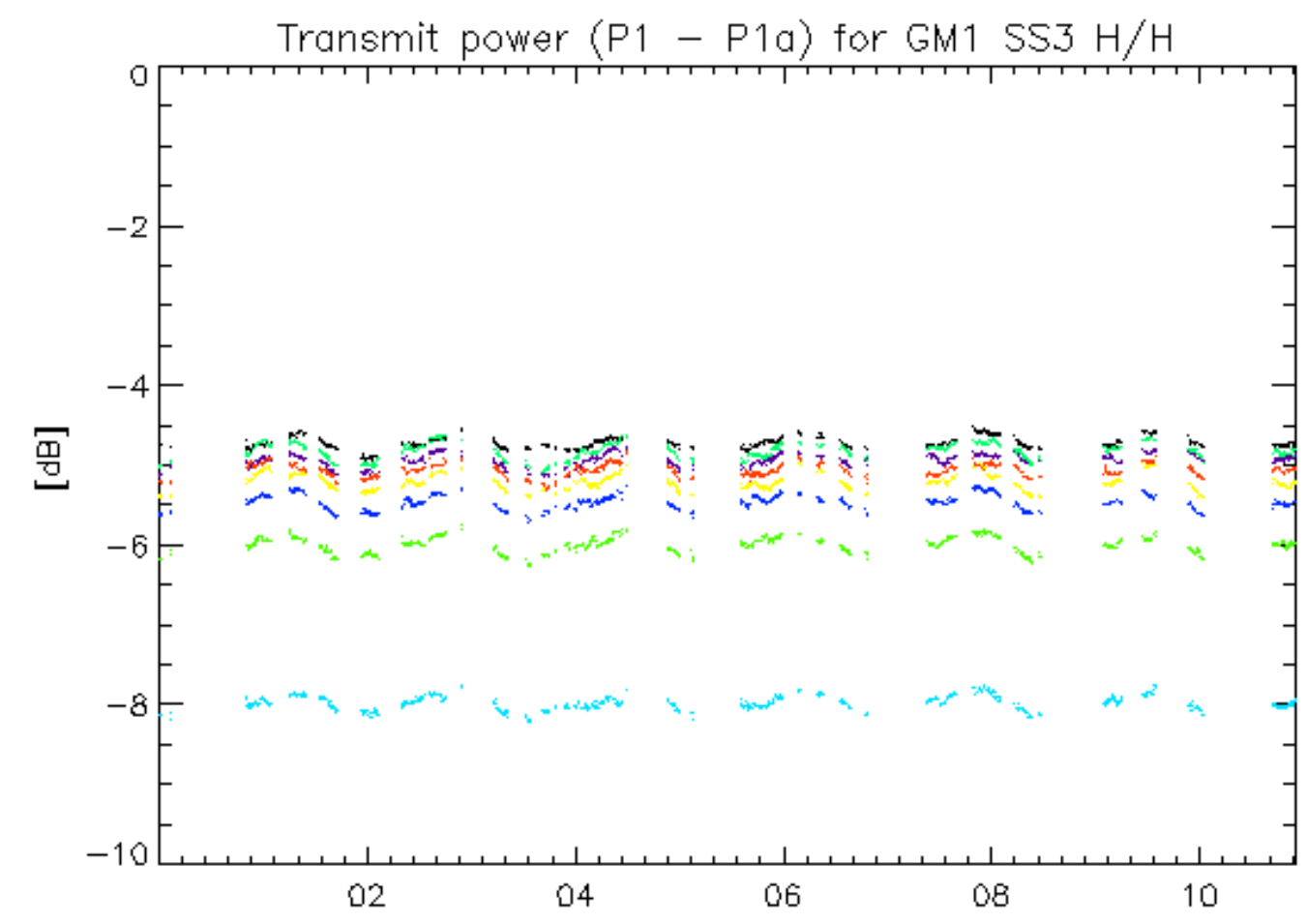
rows: _ 12 _ 16 _ 20 _ 24 _ 28 _ 32 _ 4 _ 8



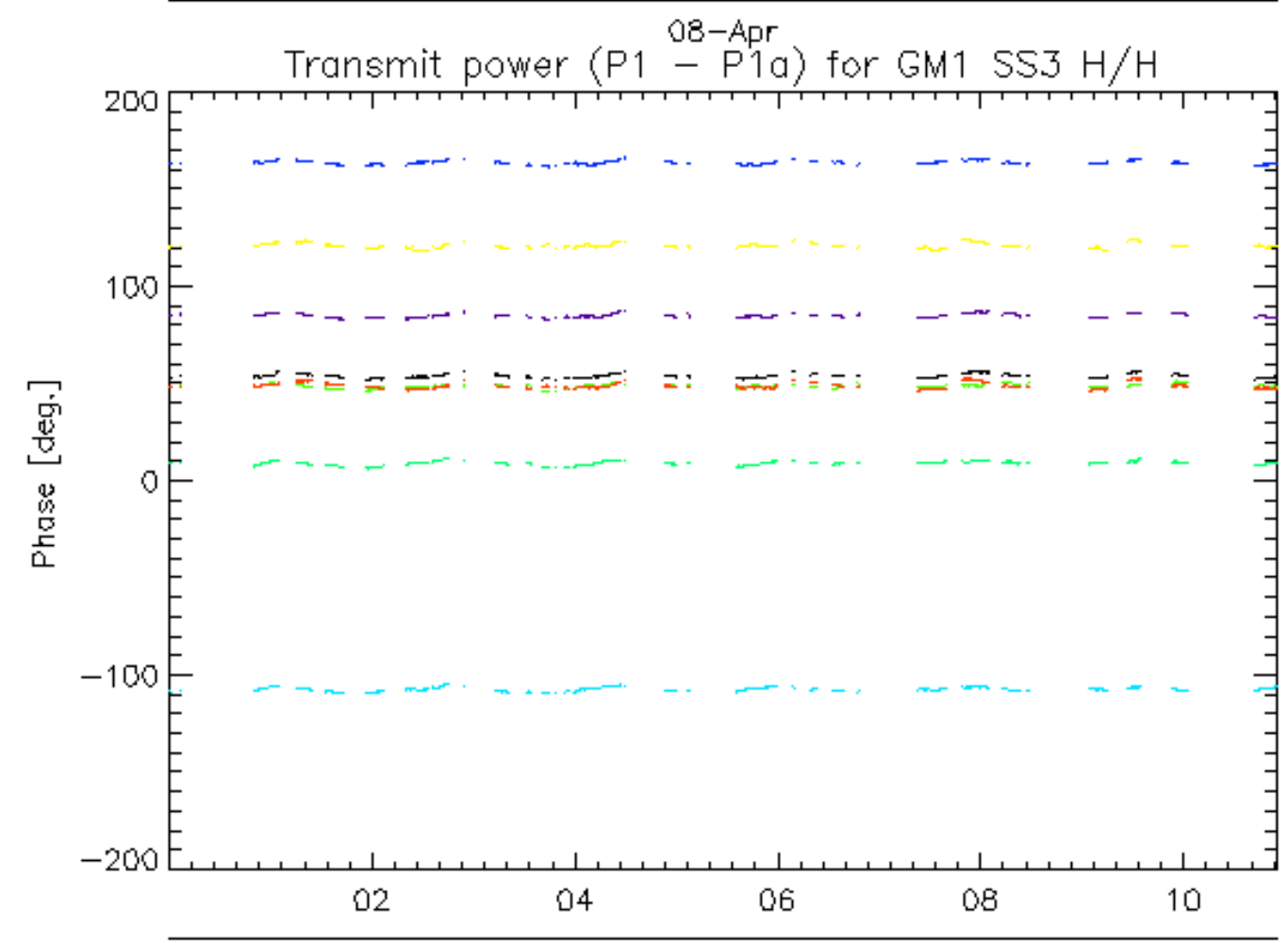
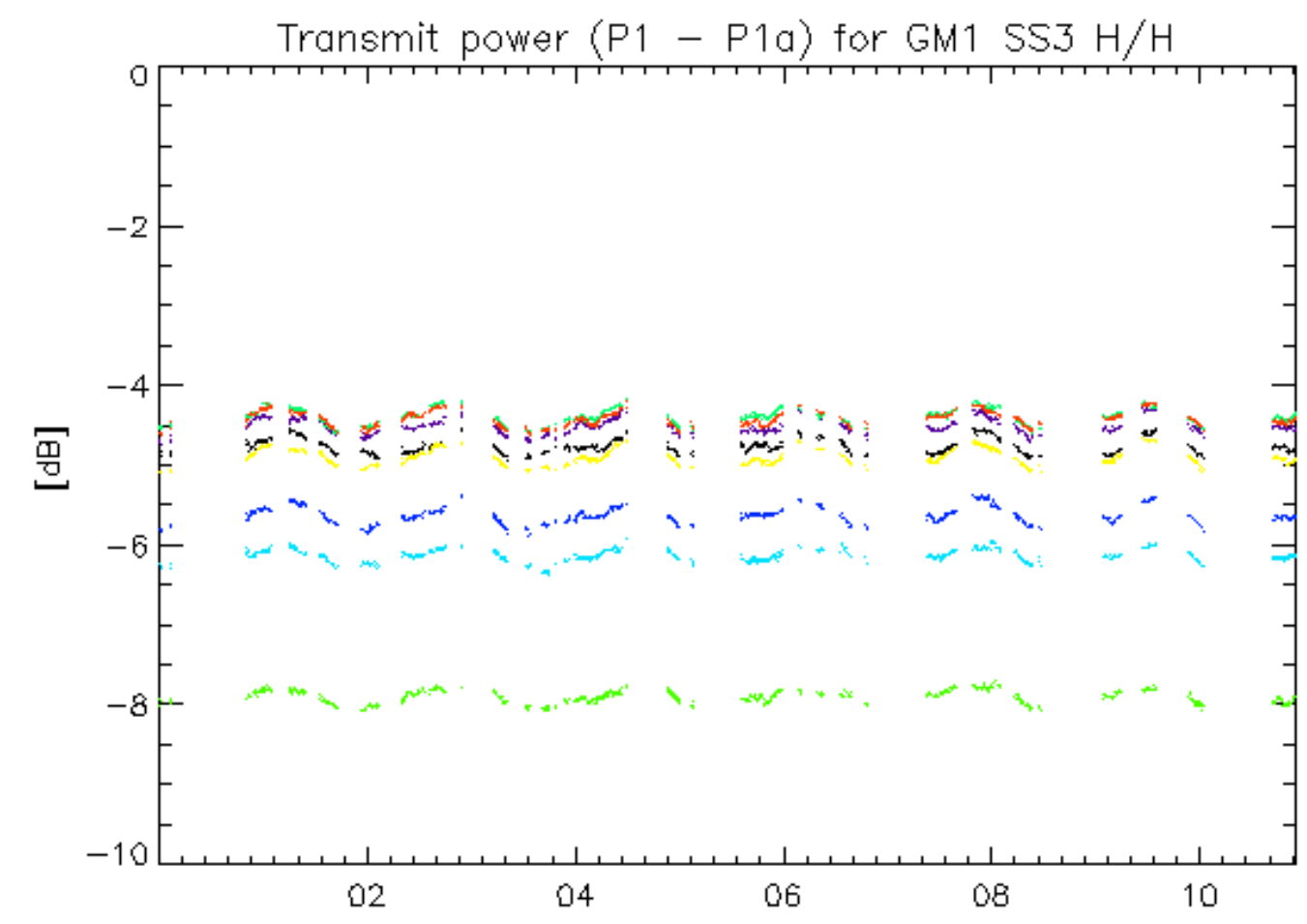




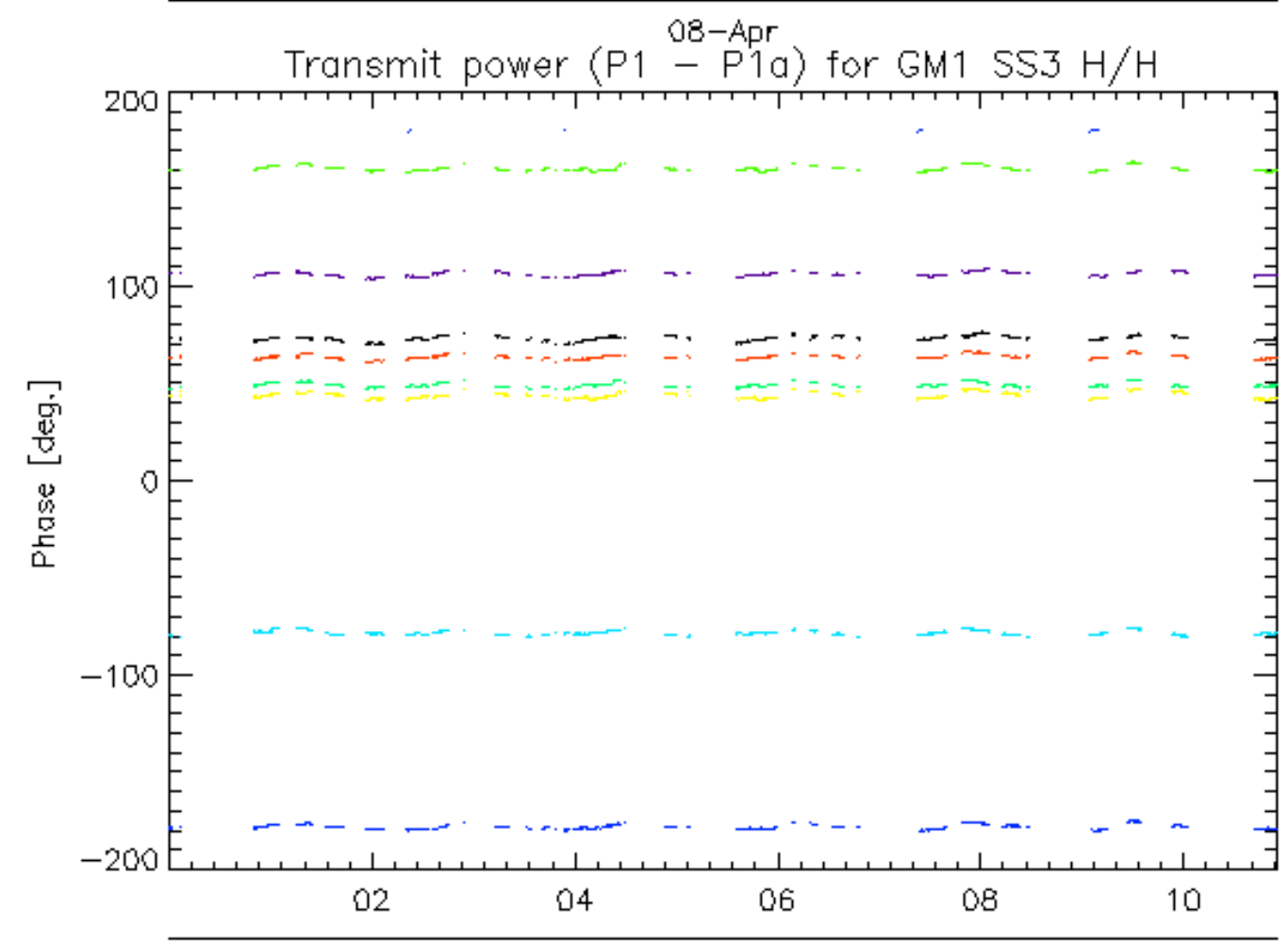
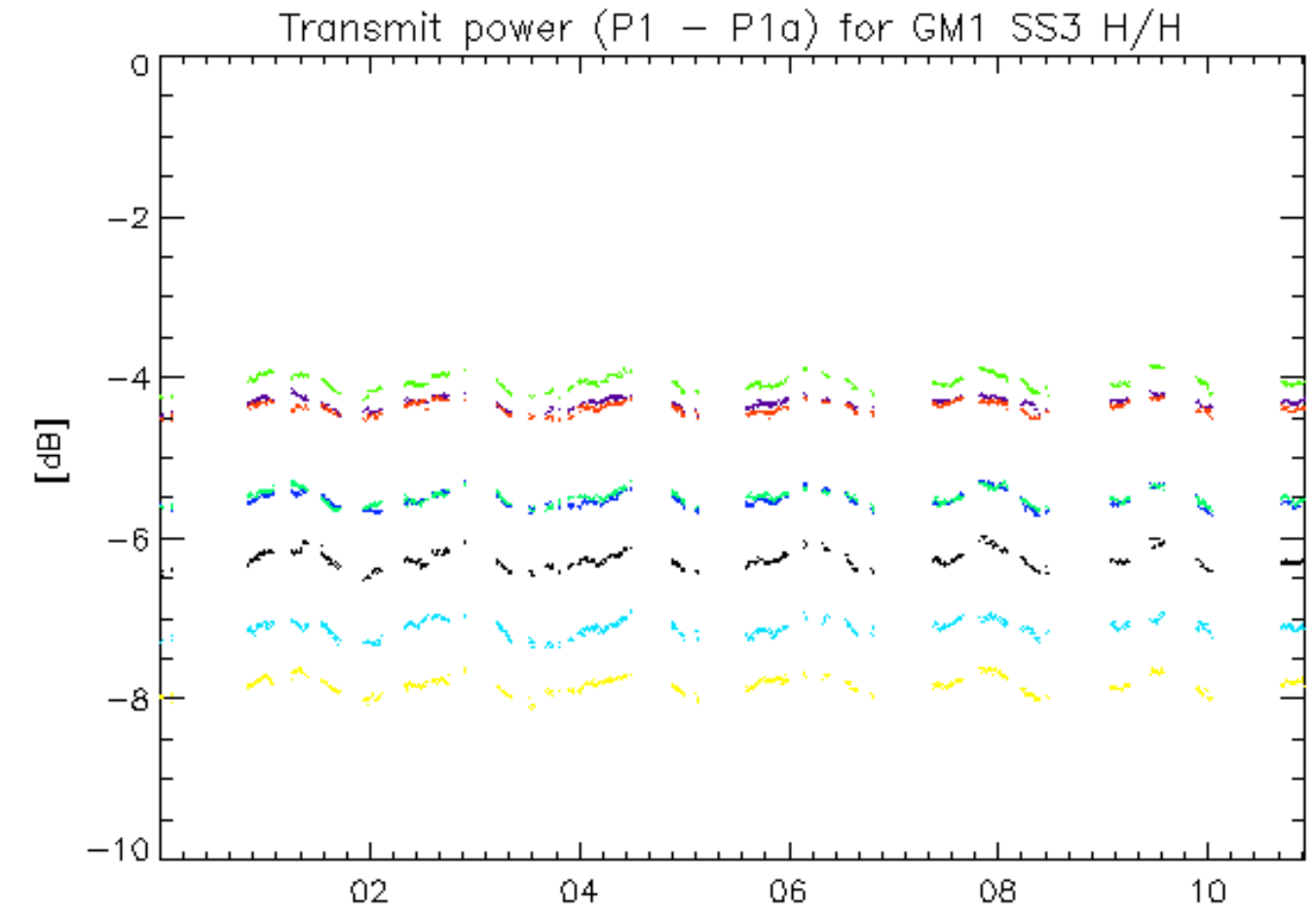
08-Apr
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9



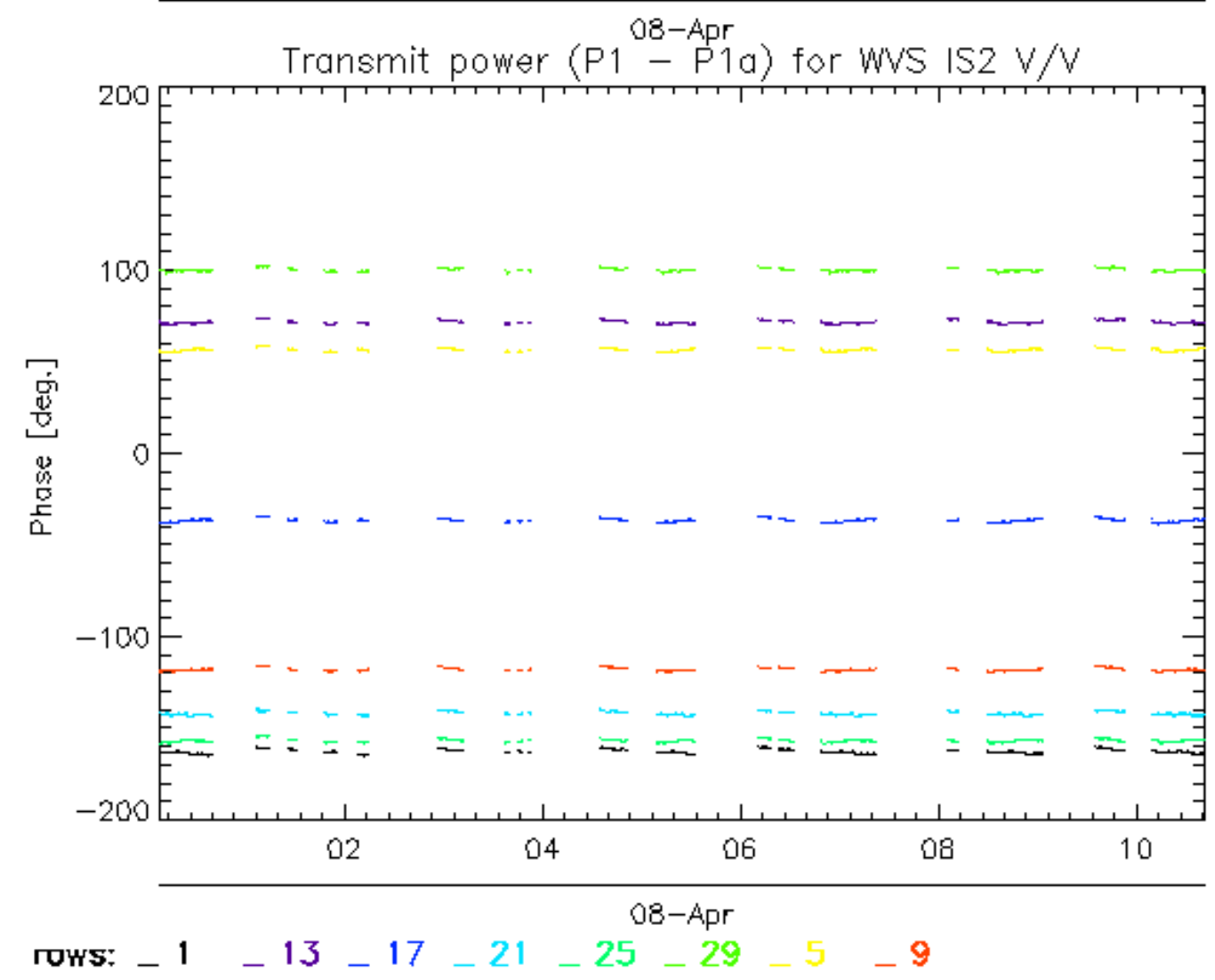
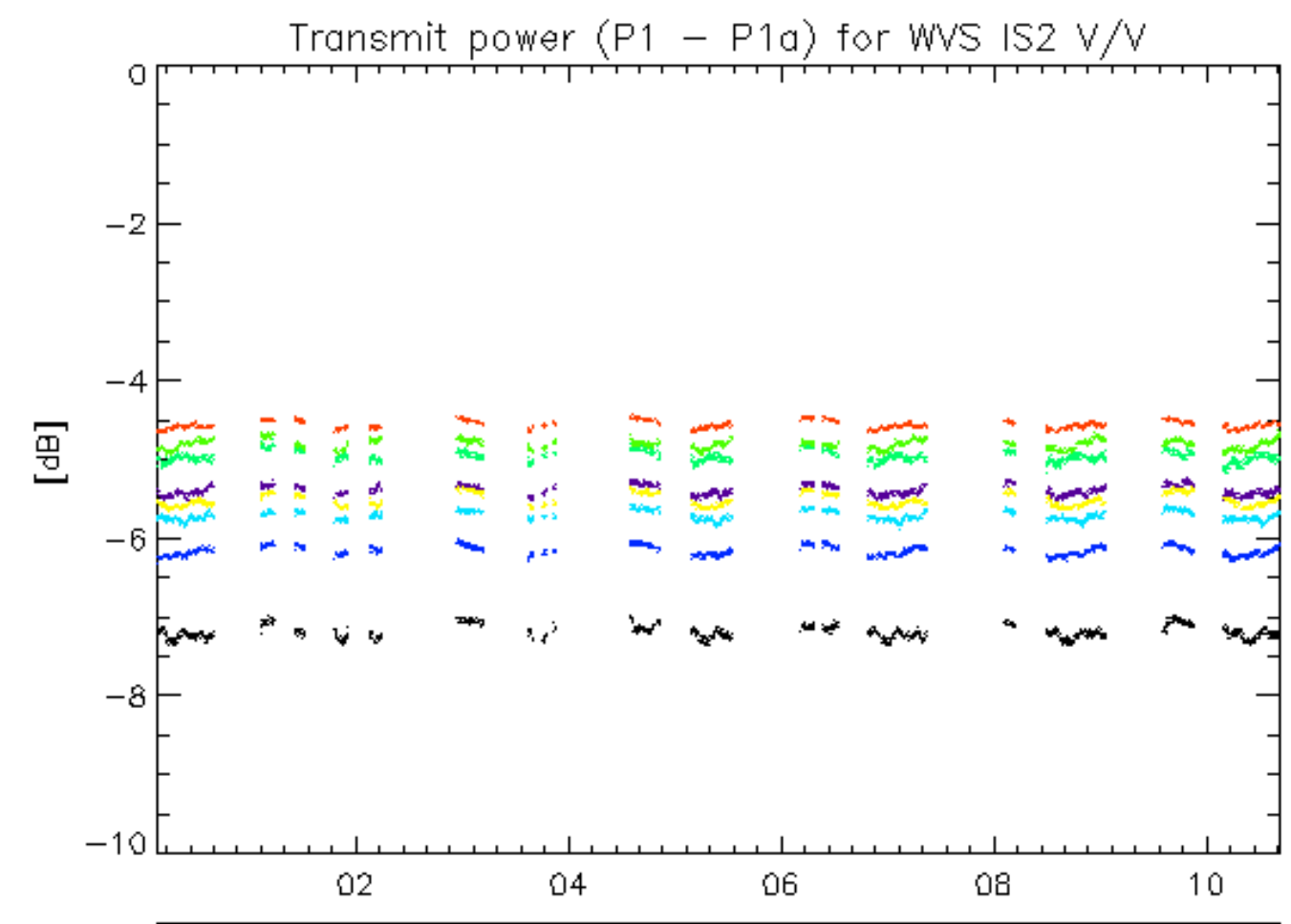
rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

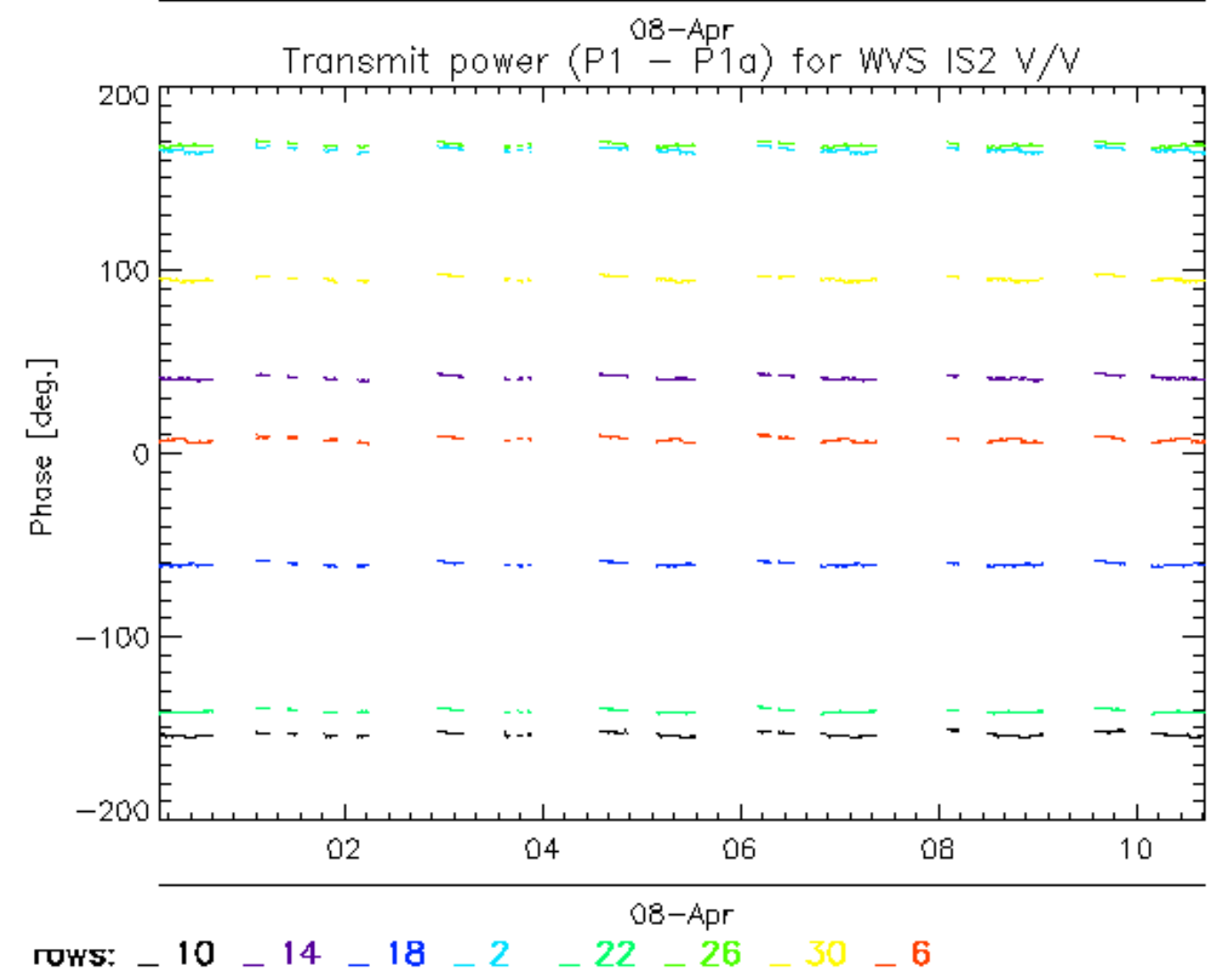
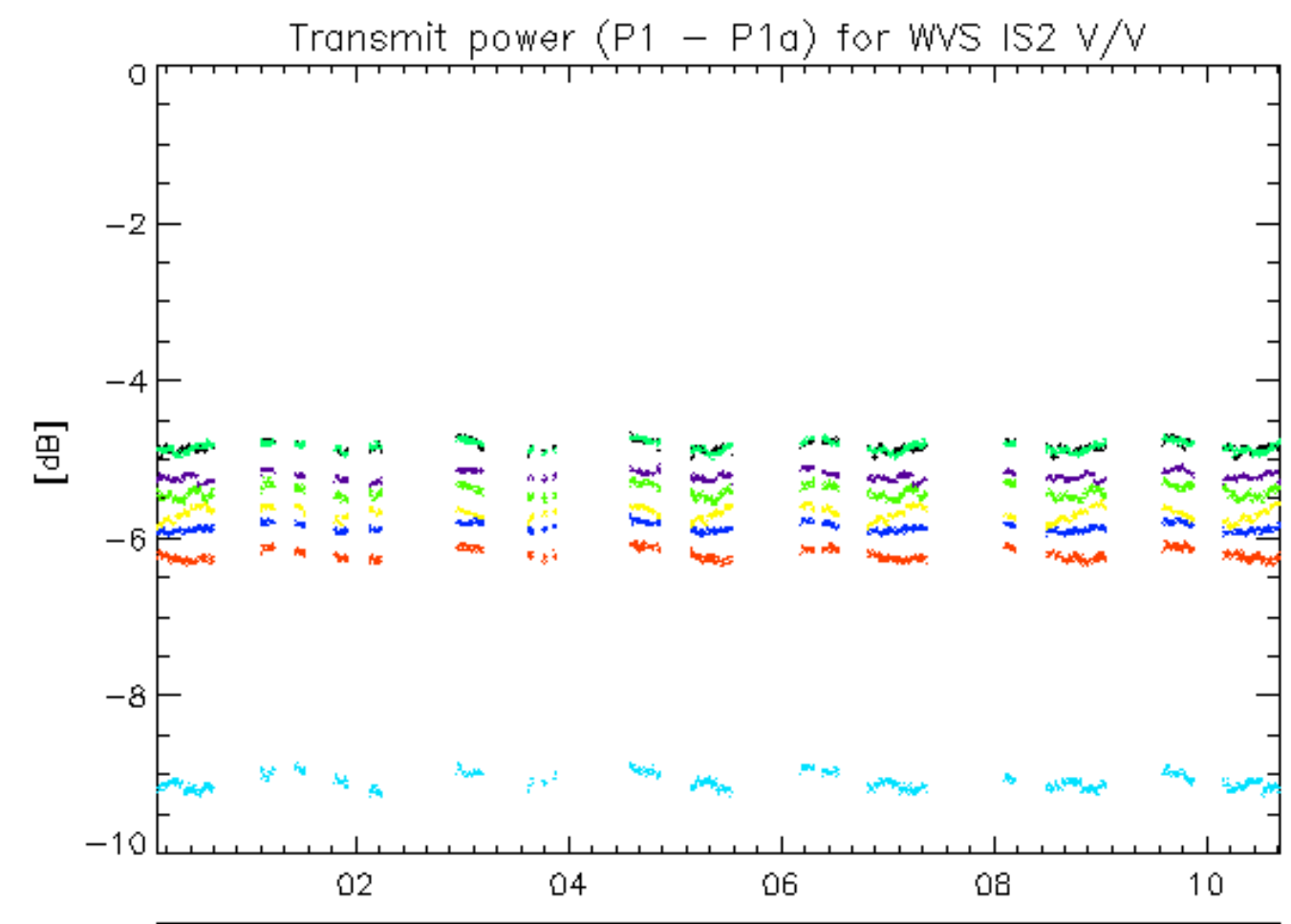


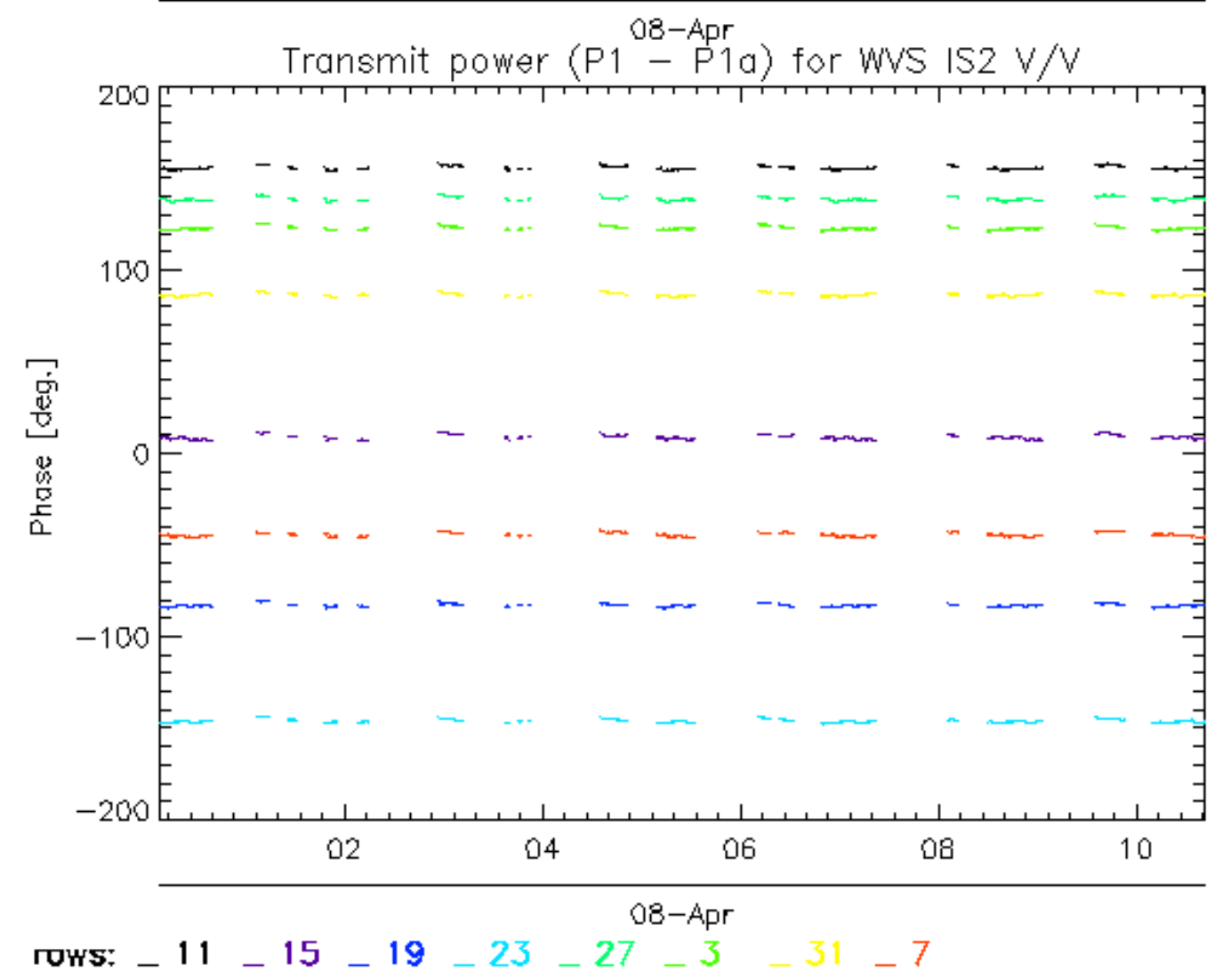
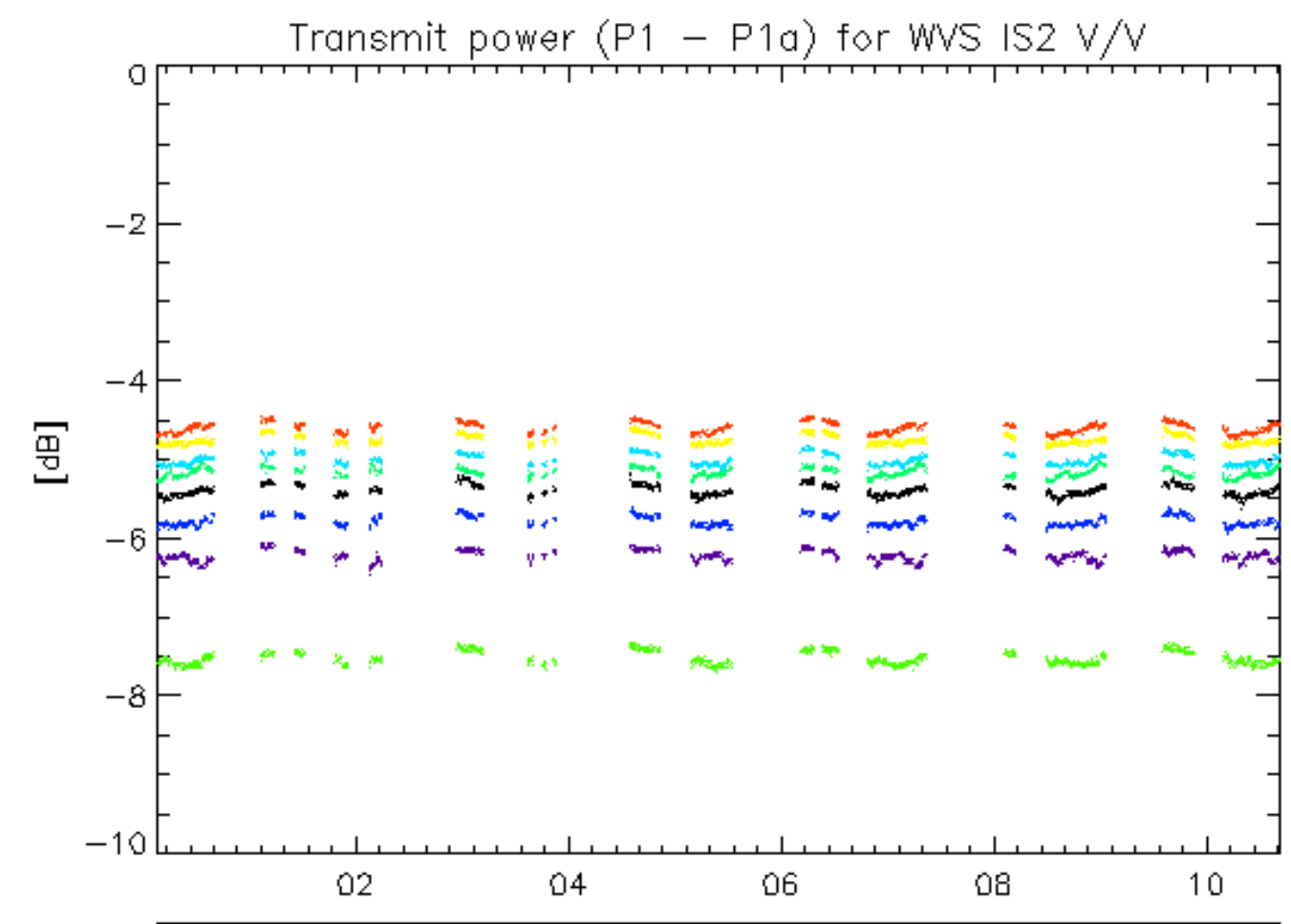
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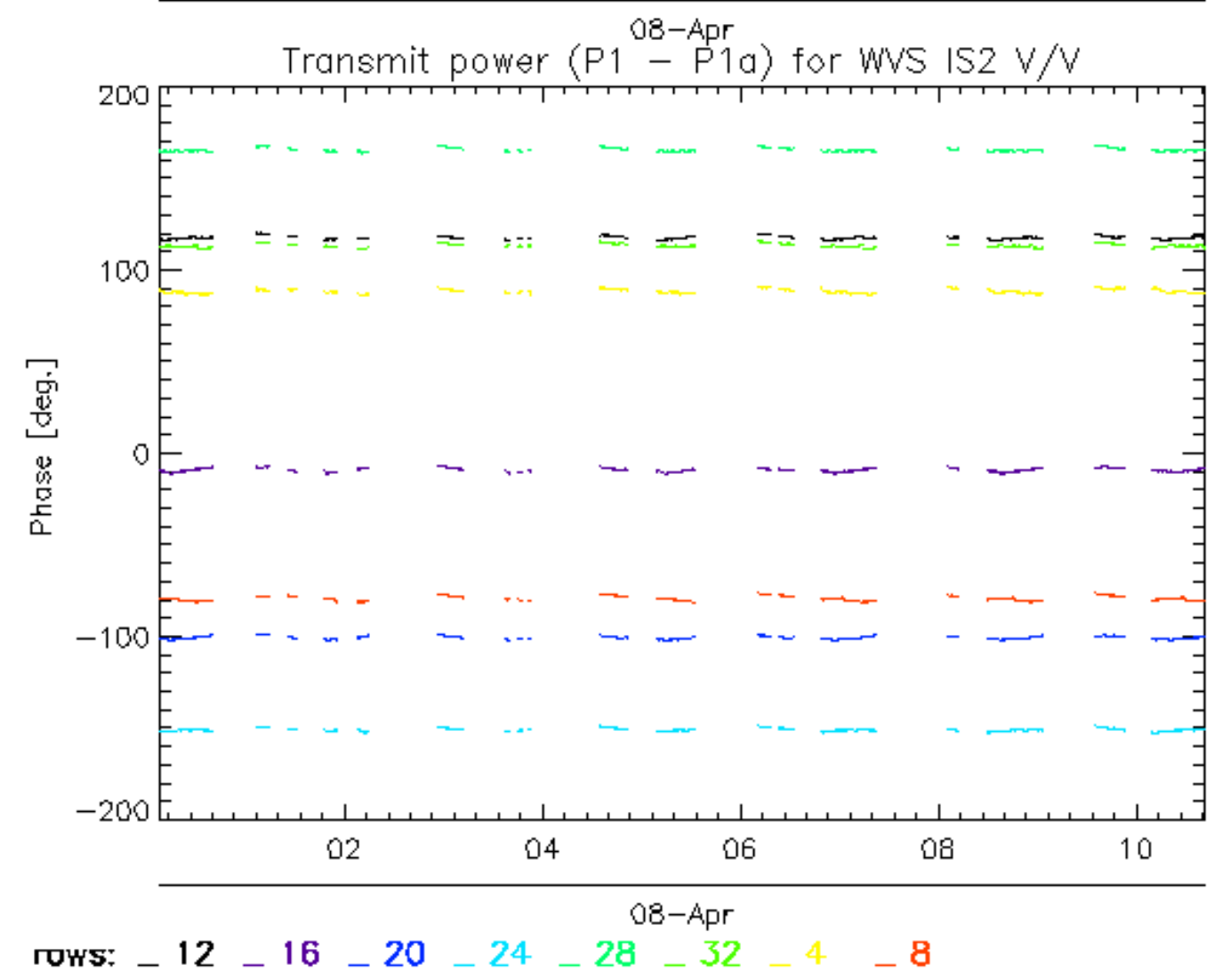
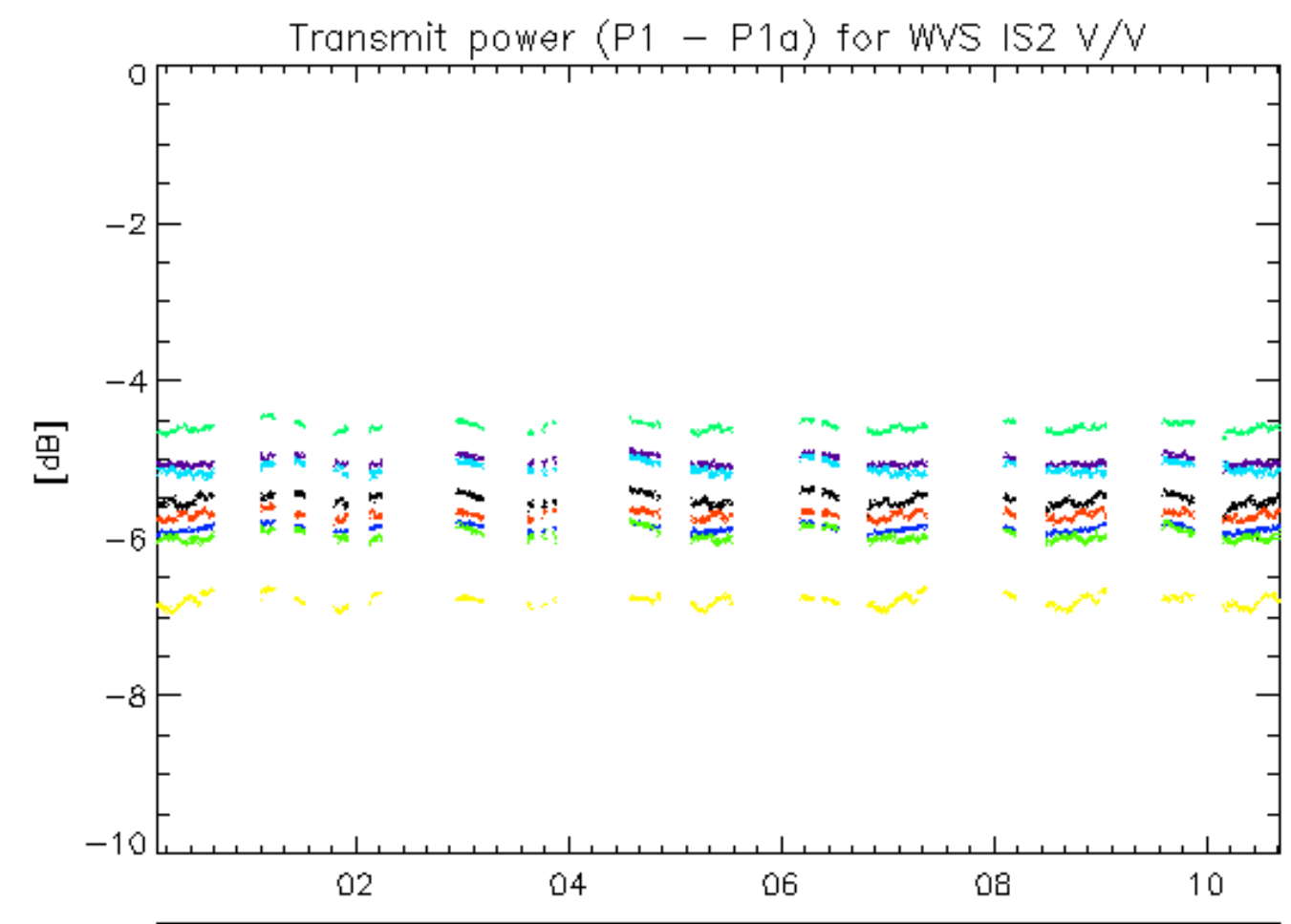


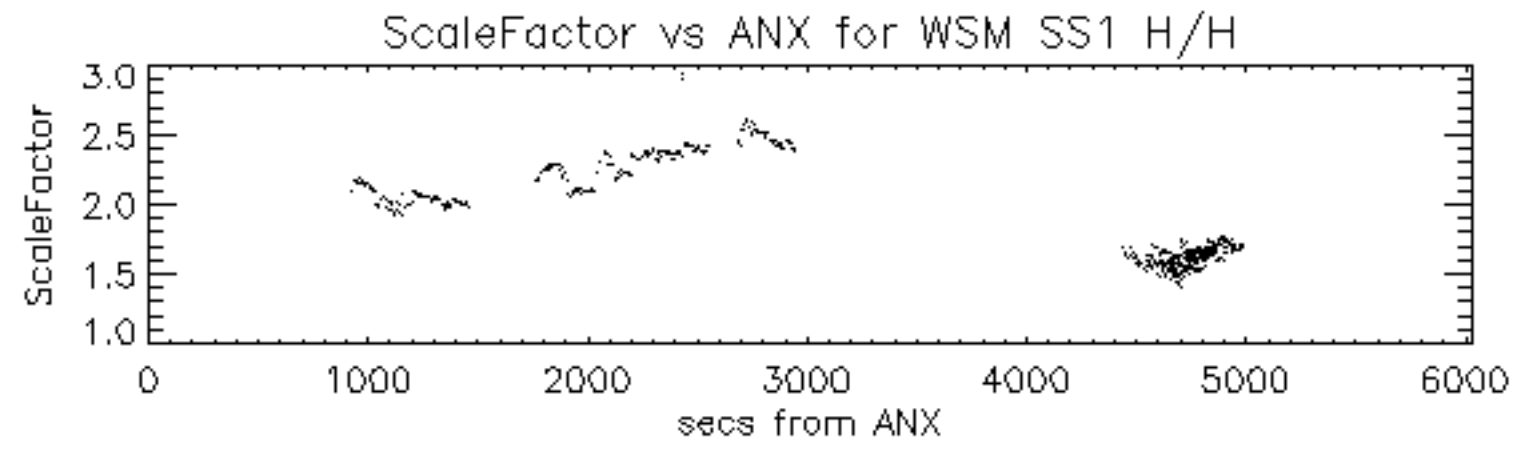
08-Apr
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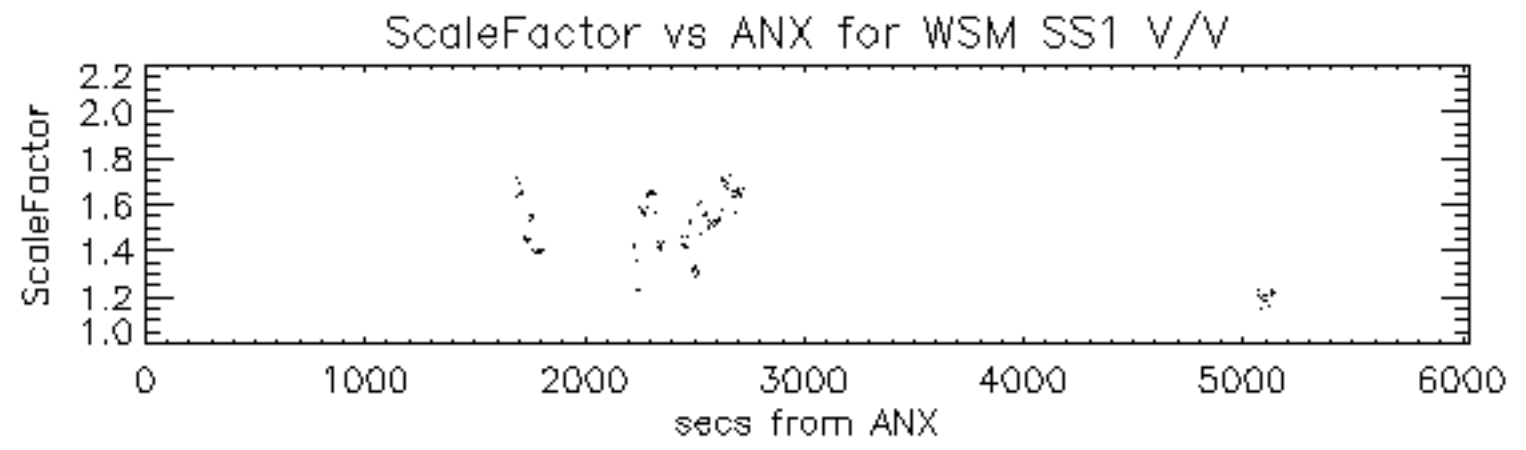


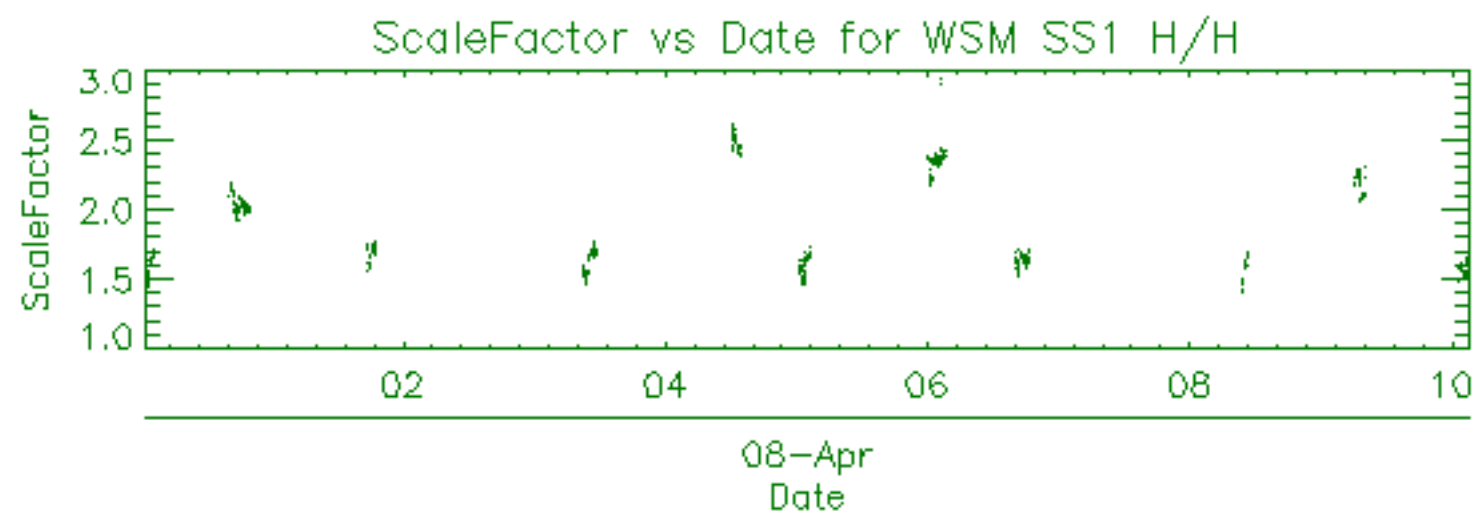


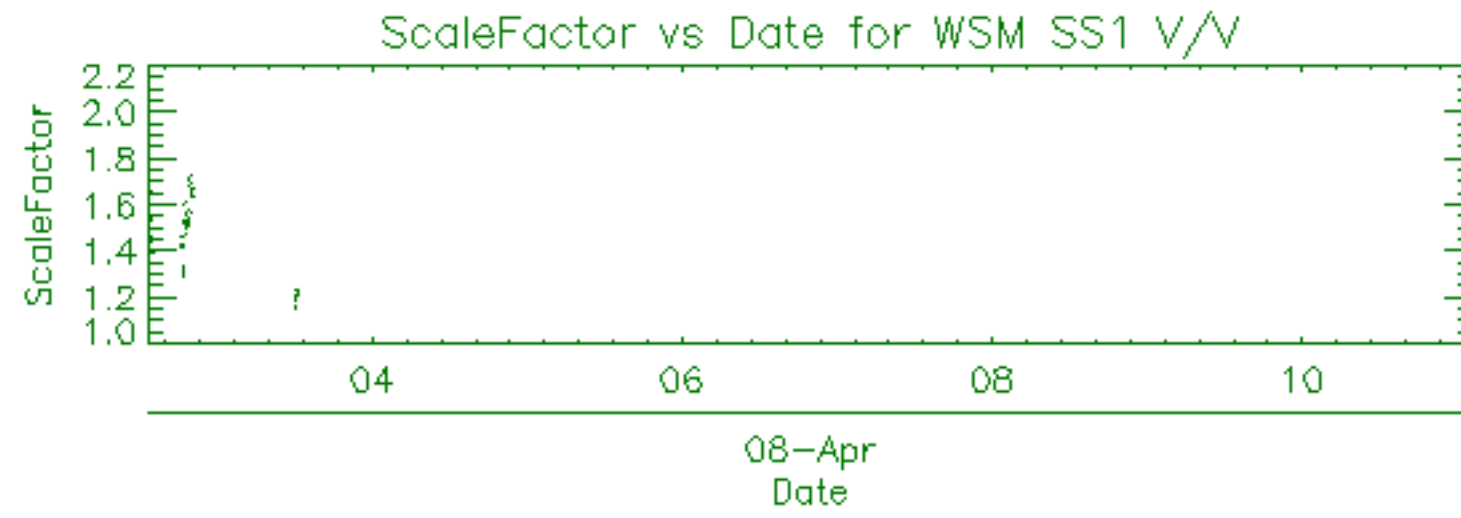












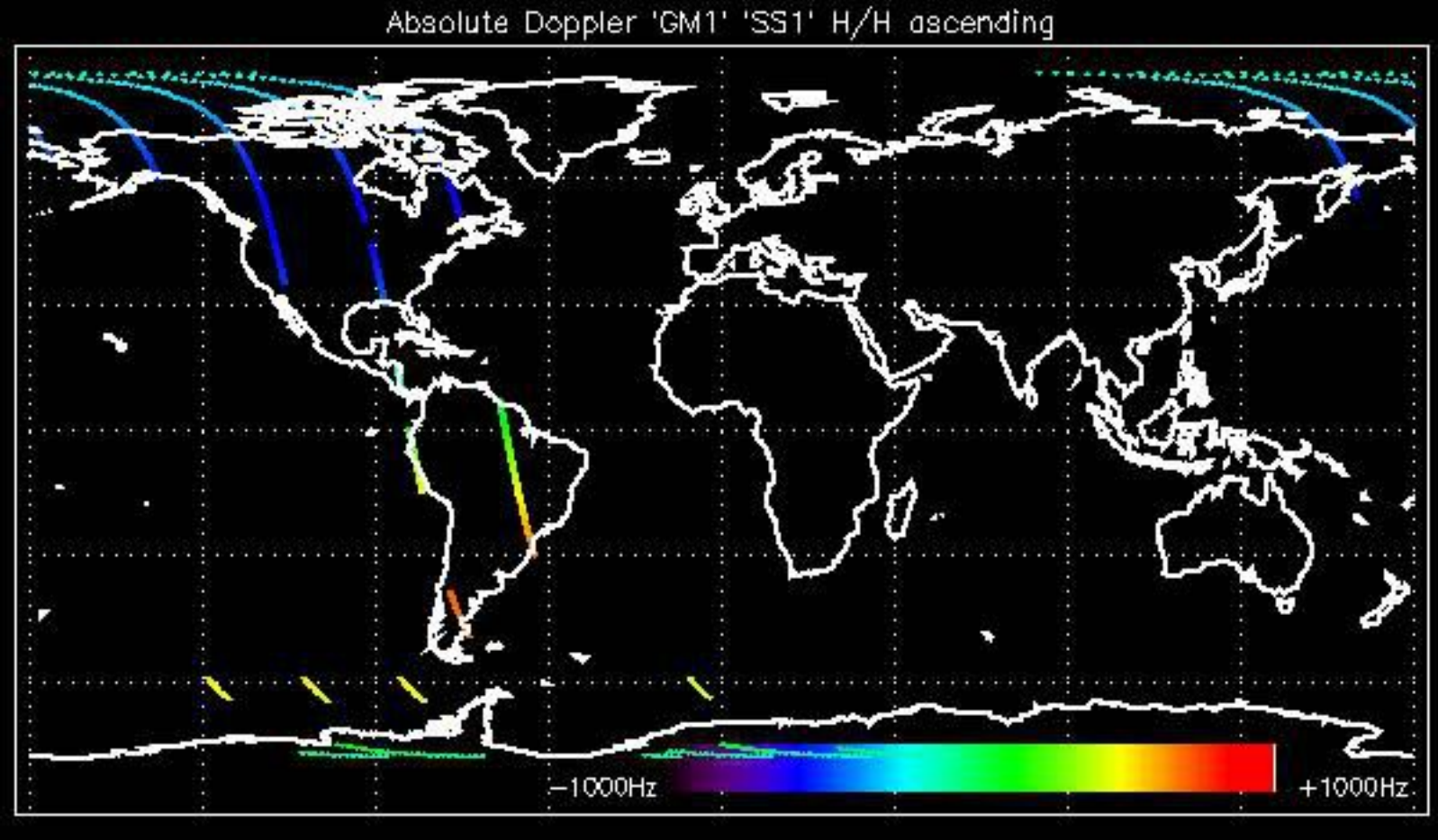
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120408_035042_000000593113_00263_52863_1005.N1						IS1	V/H	113	52863	263	5.04
ASA_APM_1PNPDE20120408_042732_000000593113_00263_52863_0987.N1						IS1	V/H	113	52863	263	5.04
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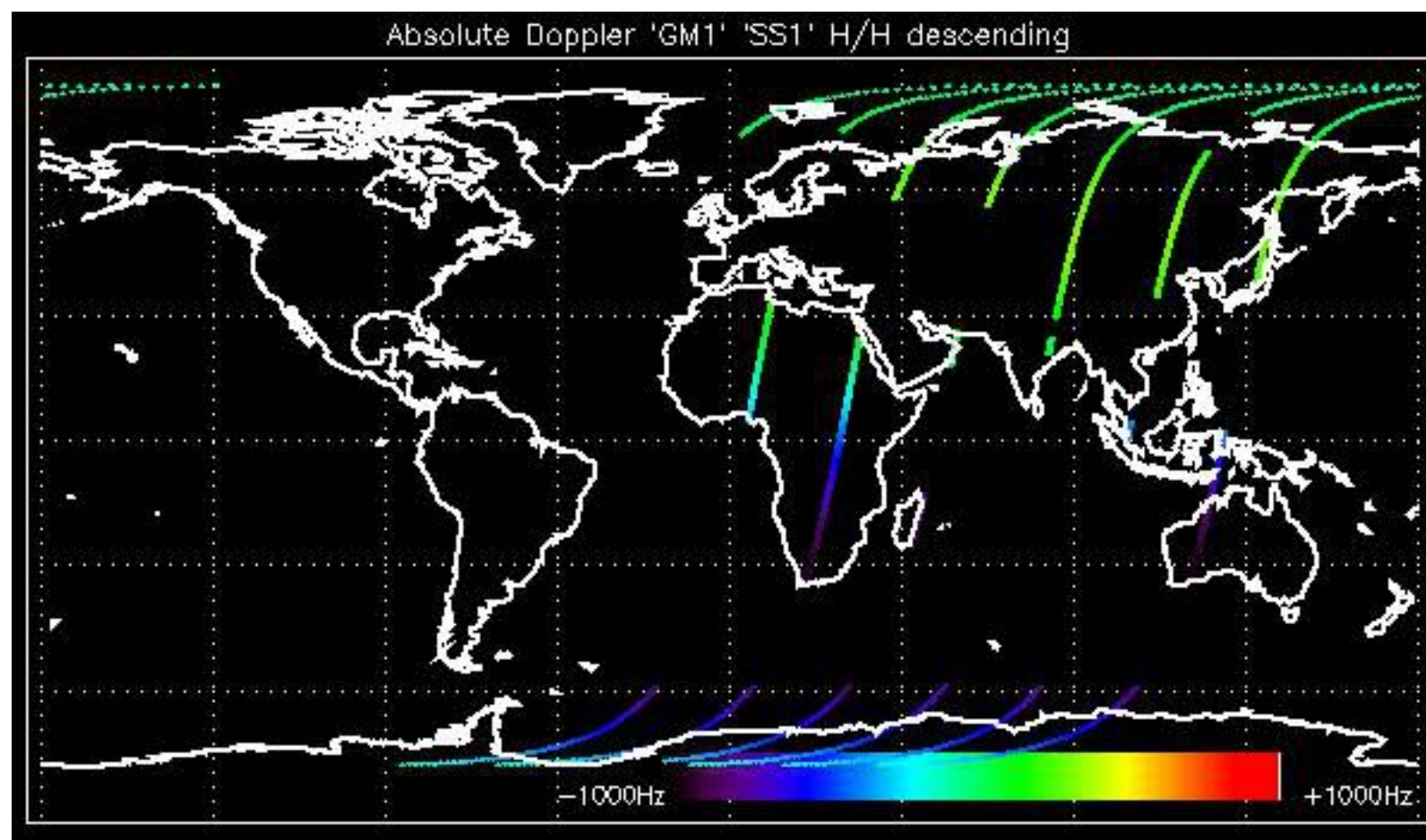
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20120408_004948_000009183113_00261_52861_0916.N1						SS1	H/H	113	52861	261	5.04
ASA_GM1_1PNPDE20120408_011441_000006283113_00261_52861_0914.N1						SS1	H/H	113	52861	261	5.04
ASA_GM1_1PNPDE20120408_013212_000006283113_00261_52861_0912.N1						SS1	H/H	113	52861	261	5.04
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ASA_GM1_1PNPDE20120408_033120_000001873113_00262_52862_0990.N1						SS1	H/H	113	52862	262	5.04
ASA_GM1_1PNPDE20120408_034104_000002653113_00262_52862_0994.N1						SS1	H/H	113	52862	262	5.04
ASA_GM1_1PNPDE20120408_034805_000000963113_00263_52863_0996.N1						SS1	H/H	113	52863	263	5.04
ASA_GM1_1PNPDE20120408_035341_000002413113_00263_52863_0995.N1						SS1	H/H	113	52863	263	5.04
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ASA_GM1_1PNPDE20120408_061933_000002293113_00264_52864_1076.N1						SS1	H/H	113	52864	264	5.04
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ASA_GM1_1PNPDK20120408_072232_000007373113_00265_52865_9182.N1						SS1	H/H	113	52865	265	5.04
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ASA_GM1_1PNPDK20120408_081308_000006283113_00265_52865_9225.N1						SS1	H/H	113	52865	265	5.04
ASA_GM1_1PNPDK20120408_082727_000000963113_00265_52865_9226.N1						SS1	H/H	113	52865	265	5.04
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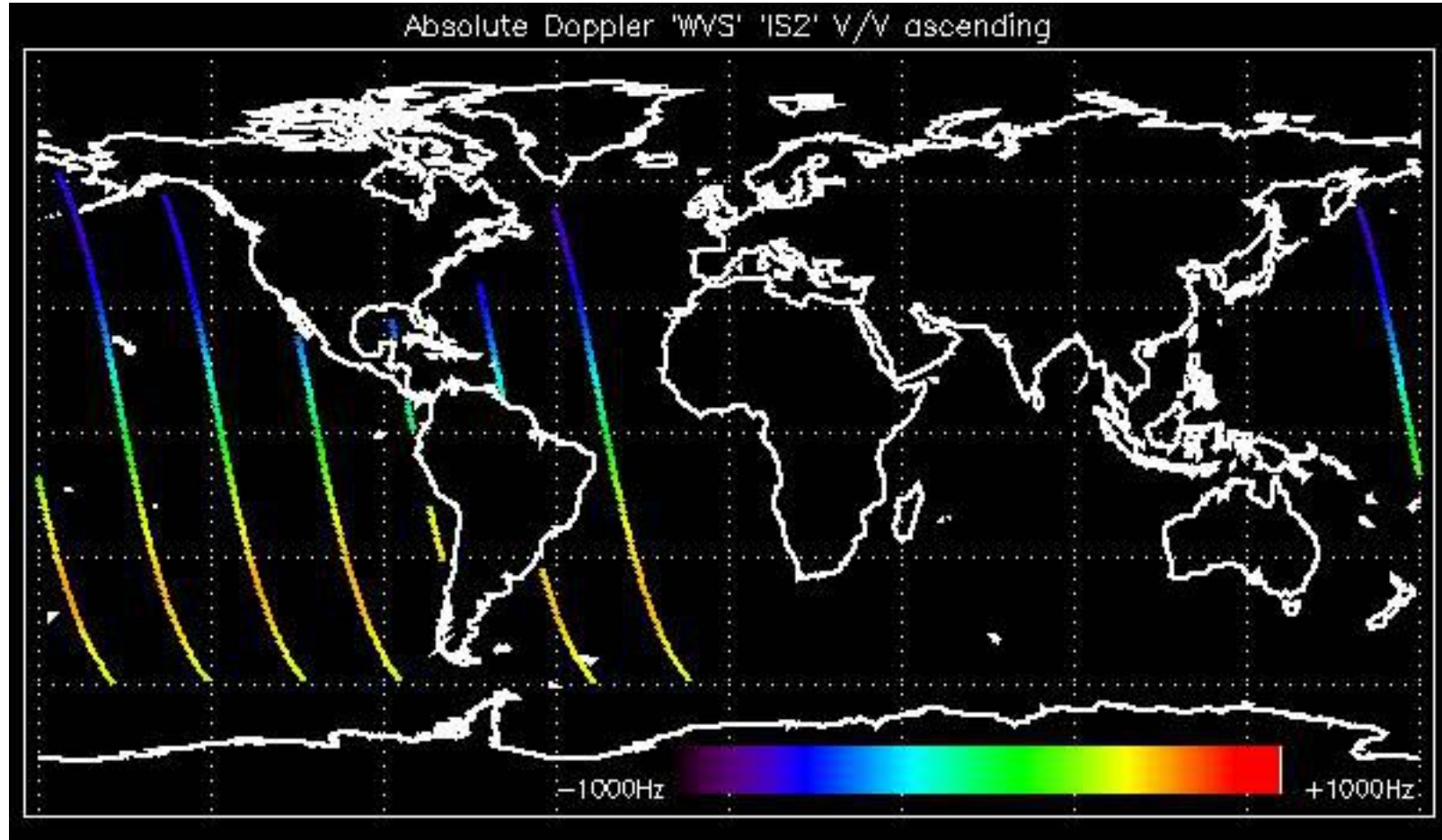
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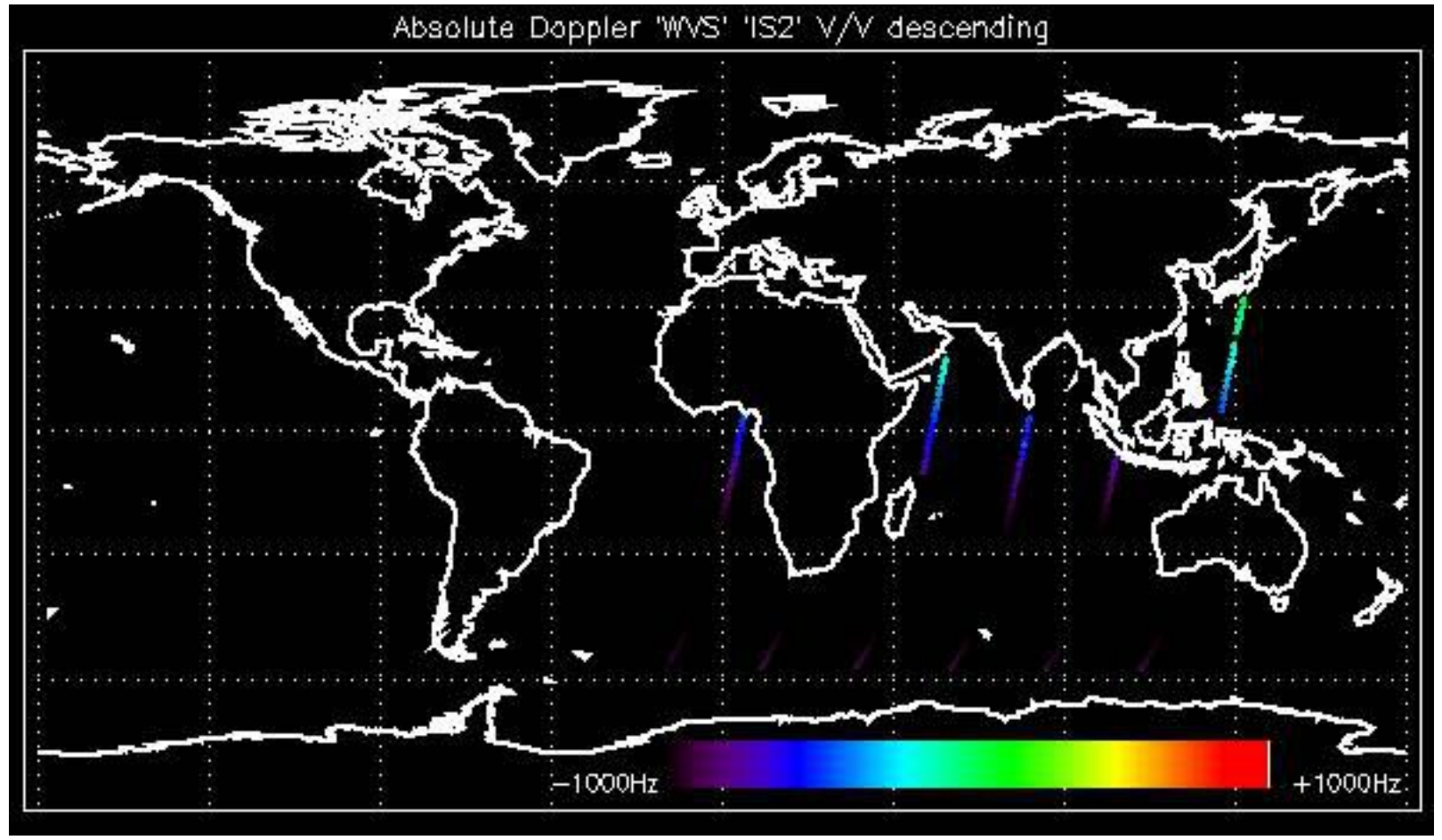
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ASA_WSM_1PNPDE20120408_014319_000002753113_00261_52861_0908.N1						SS1	H/H	113	52861	261	5.04
ASA_WSM_1PNPDE20120408_023320_000001533113_00262_52862_0938.N1						SS1	V/V	113	52862	262	5.04
ASA_WSM_1PNPDE20120408_024556_000003003113_00262_52862_0934.N1						SS1	V/V	113	52862	262	5.04
ASA_WSM_1PNPDE20120408_032205_000003923113_00262_52862_0998.N1						SS1	H/H	113	52862	262	5.04
ASA_WSM_1PNPDE20120408_032940_000000983113_00262_52862_1010.N1						SS1	V/V	113	52862	262	5.04
ASA_WSM_1PNPDE20120408_043011_000002813113_00263_52863_0988.N1						SS1	H/H	113	52863	263	5.04
ASA_WSM_1PNPDE20120408_050111_000003303113_00263_52863_1062.N1						SS1	H/H	113	52863	263	5.04
ASA_WSM_1PNPDE20120408_060017_000004893113_00264_52864_1061.N1						SS1	H/H	113	52864	264	5.04
ASA_WSM_1PNPDK20120408_063939_000004343113_00264_52864_9189.N1						SS1	H/H	113	52864	264	5.04
ASA_WSM_1PNPDK20120408_082350_000002143113_00265_52865_9234.N1						SS1	H/H	113	52865	265	5.04
ASA_WSM_1PNPDK20120408_091534_000003123113_00266_52866_9235.N1						SS1	H/H	113	52866	266	5.04
ASA_WSM_1PNPDE20120408_100243_000003303113_00266_52866_1116.N1						SS1	H/H	113	52866	266	5.04
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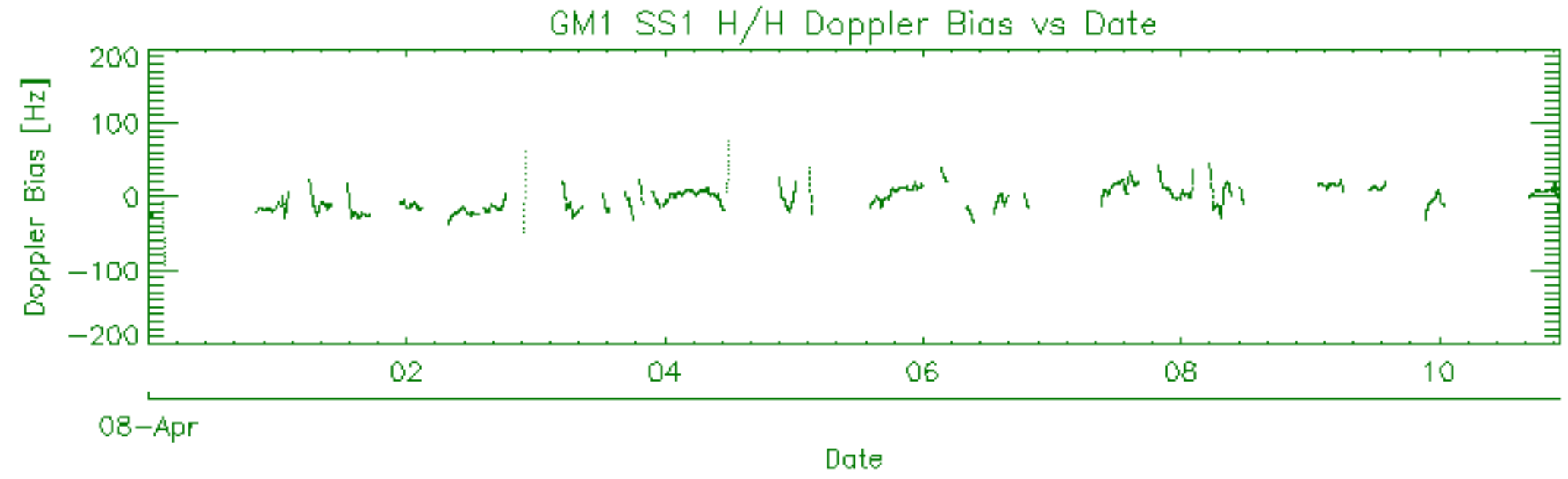
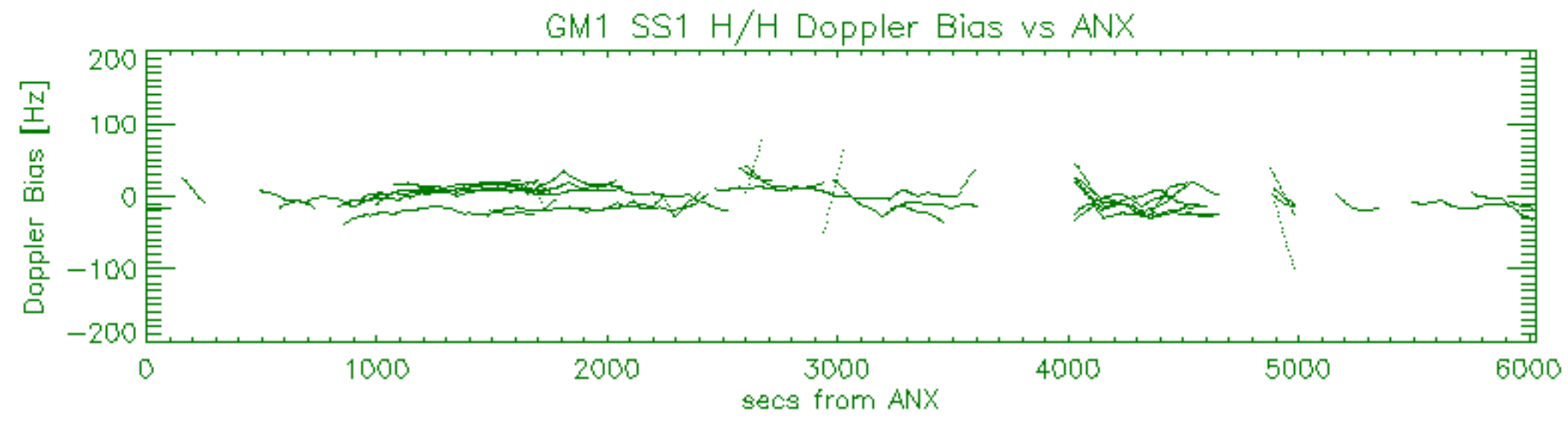
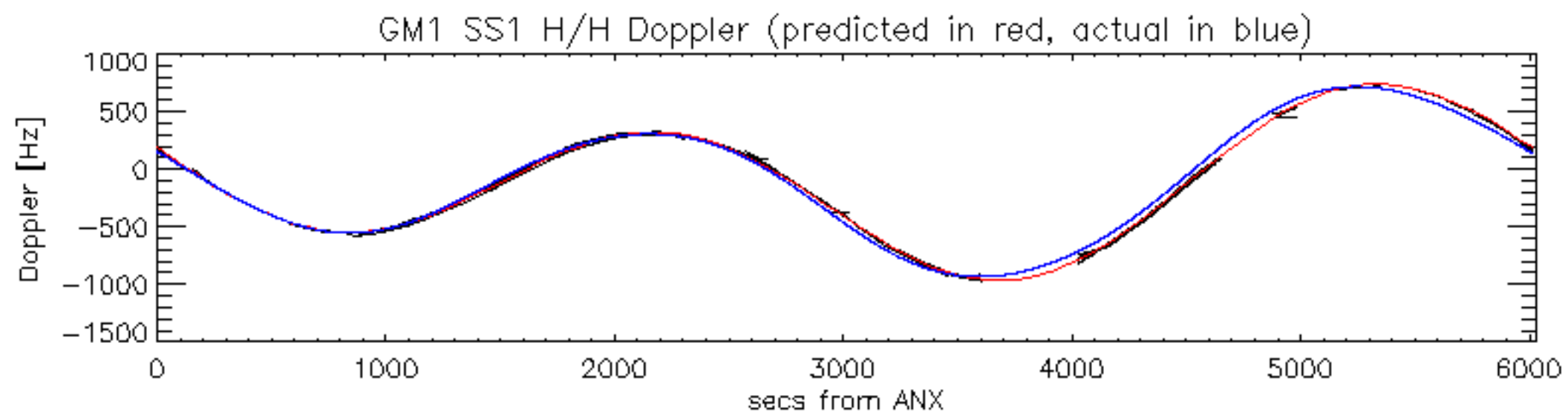
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ASA_WVS_1PNPDE20120408_000801_000003443113_00260_52860_0846.N1						IS1	V/V	113	52860	260	5.04
ASA_WVS_1PNPDE20120408_010620_000004523113_00261_52861_0913.N1						IS2	V/V	113	52861	261	5.04
ASA_WVS_1PNPDE20120408_012519_000003753113_00261_52861_0911.N1						IS2	V/V	113	52861	261	5.04
ASA_WVS_1PNPDE20120408_014806_000001953113_00261_52861_0910.N1						IS2	V/V	113	52861	261	5.04
ASA_WVS_1PNPDE20120408_015036_000003153113_00261_52861_0947.N1						IS2	V/V	113	52861	261	5.04
ASA_WVS_1PNPDE20120408_020729_000004493113_00262_52862_0950.N1						IS2	V/V	113	52862	262	5.04
ASA_WVS_1PNPDE20120408_025703_000005253113_00262_52862_0953.N1						IS2	V/V	113	52862	262	5.04
ASA_WVS_1PNPDE20120408_030517_000003903113_00262_52862_0991.N1						IS2	V/V	113	52862	262	5.04
ASA_WVS_1PNPDE20120408_025703_000005253113_00262_52862_0953.N1						IS1	V/V	113	52862	262	5.04
ASA_WVS_1PNPDE20120408_033647_000002093113_00262_52862_0993.N1						IS2	V/V	113	52862	262	5.04
ASA_WVS_1PNPDE20120408_034534_000001043113_00263_52863_0992.N1						IS2	V/V	113	52863	263	5.04
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ASA_WVS_1PNPDE20120408_043450_000006893113_00263_52863_1003.N1						IS2	V/V	113	52863	263	5.04
ASA_WVS_1PNPDE20120408_044550_000001503113_00263_52863_1067.N1						IS2	V/V	113	52863	263	5.04
ASA_WVS_1PNPDE20120408_043450_000006893113_00263_52863_1003.N1						IS1	V/V	113	52863	263	5.04
ASA_WVS_1PNPDE20120408_045001_000001203113_00263_52863_1064.N1						IS2	V/V	113	52863	263	5.04
ASA_WVS_1PNPDE20120408_050843_000013943113_00263_52863_1070.N1						IS2	V/V	113	52863	263	5.04
ASA_WVS_1PNPDE20120408_061101_000004643113_00264_52864_1071.N1						IS2	V/V	113	52864	264	5.04
ASA_WVS_1PNPDE20120408_062325_000002103113_00264_52864_1075.N1						IS2	V/V	113	52864	264	5.04
ASA_WVS_1PNPDK20120408_062640_000003303113_00264_52864_9176.N1						IS2	V/V	113	52864	264	5.04
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ASA_WVS_1PNPDK20120408_082911_000020543113_00265_52865_9227.N1						IS2	V/V	113	52865	265	5.04
ASA_WVS_1PNPDK20120408_093517_000010343113_00266_52866_9276.N1						IS2	V/V	113	52866	266	5.04
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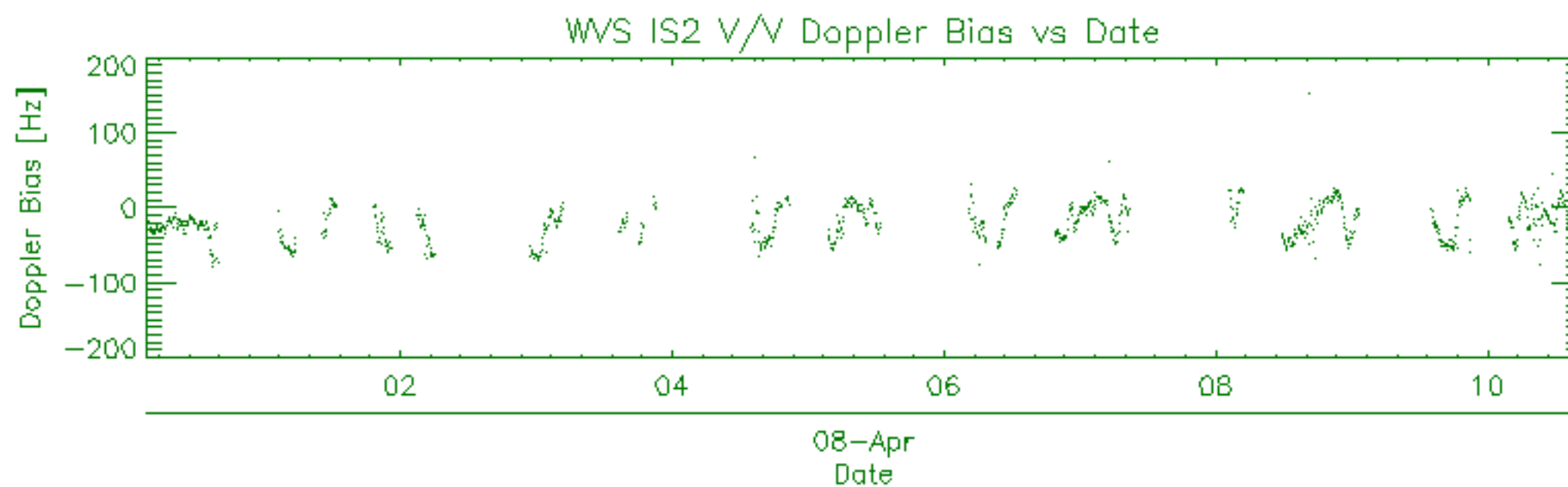
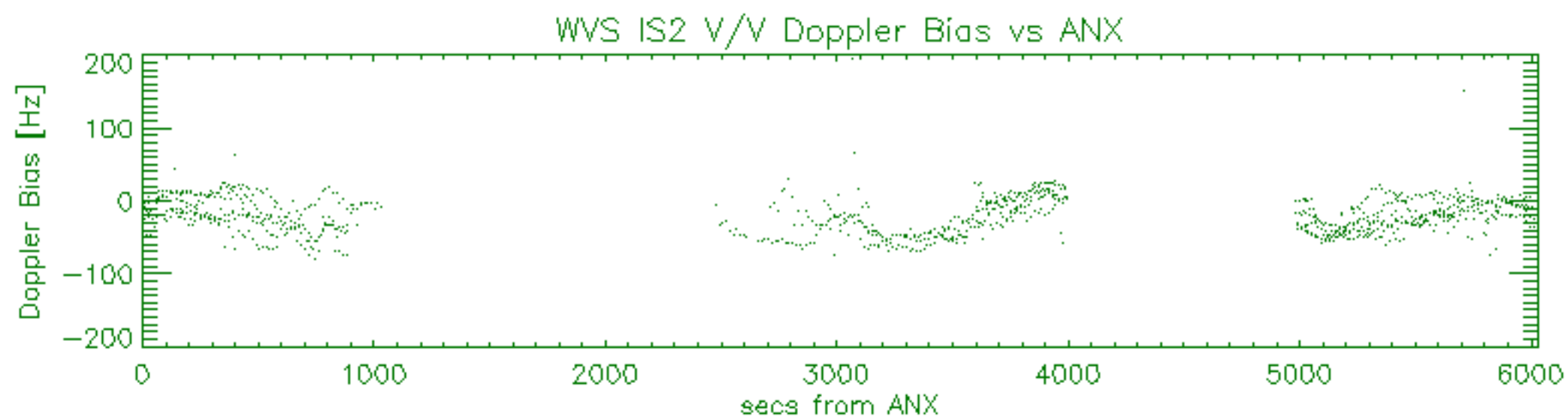
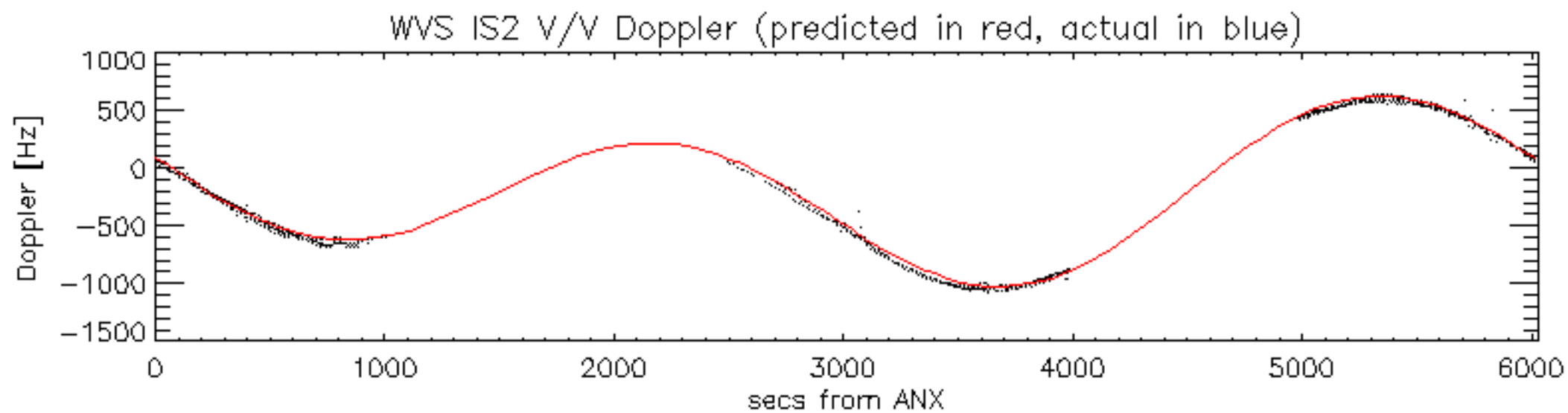


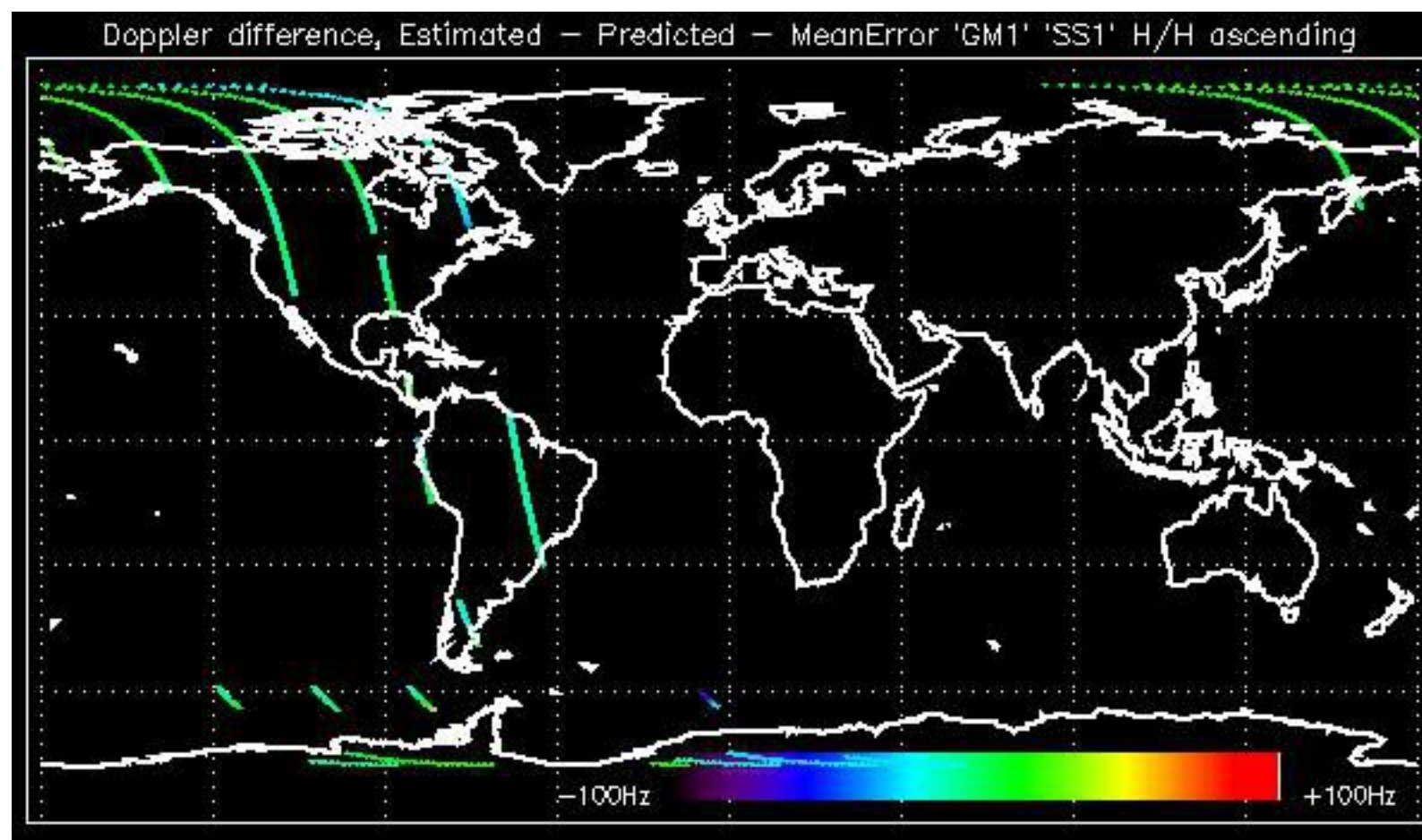


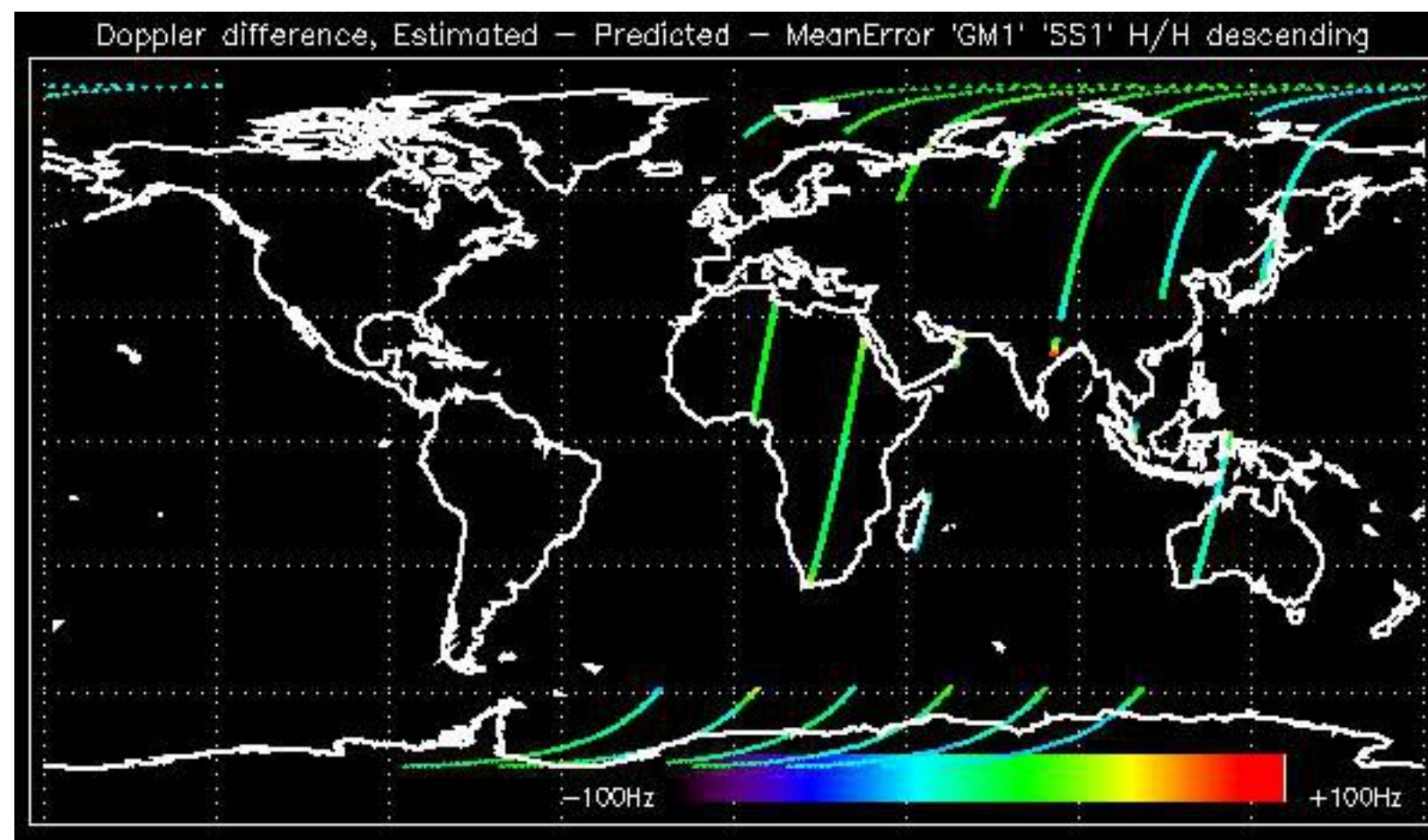


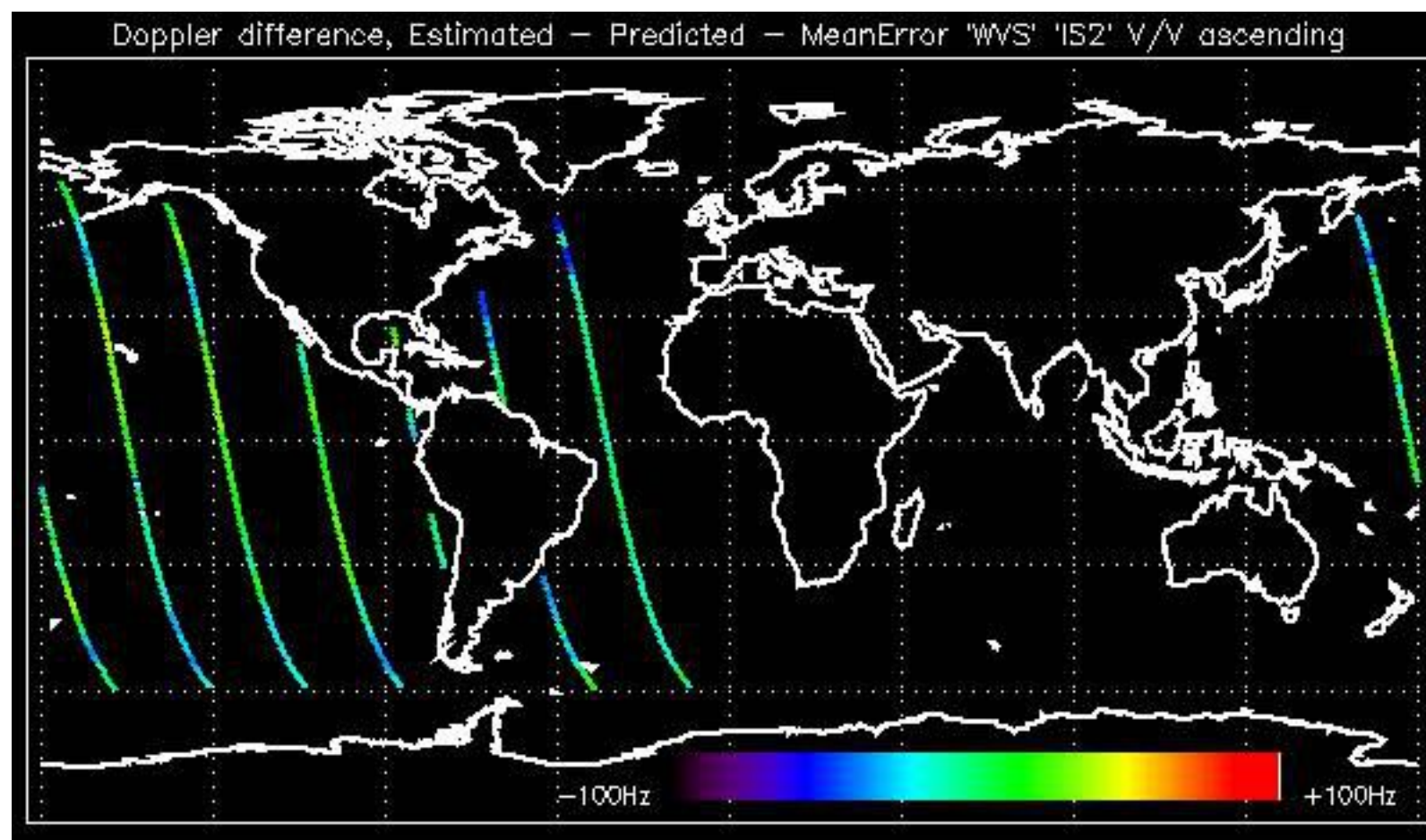


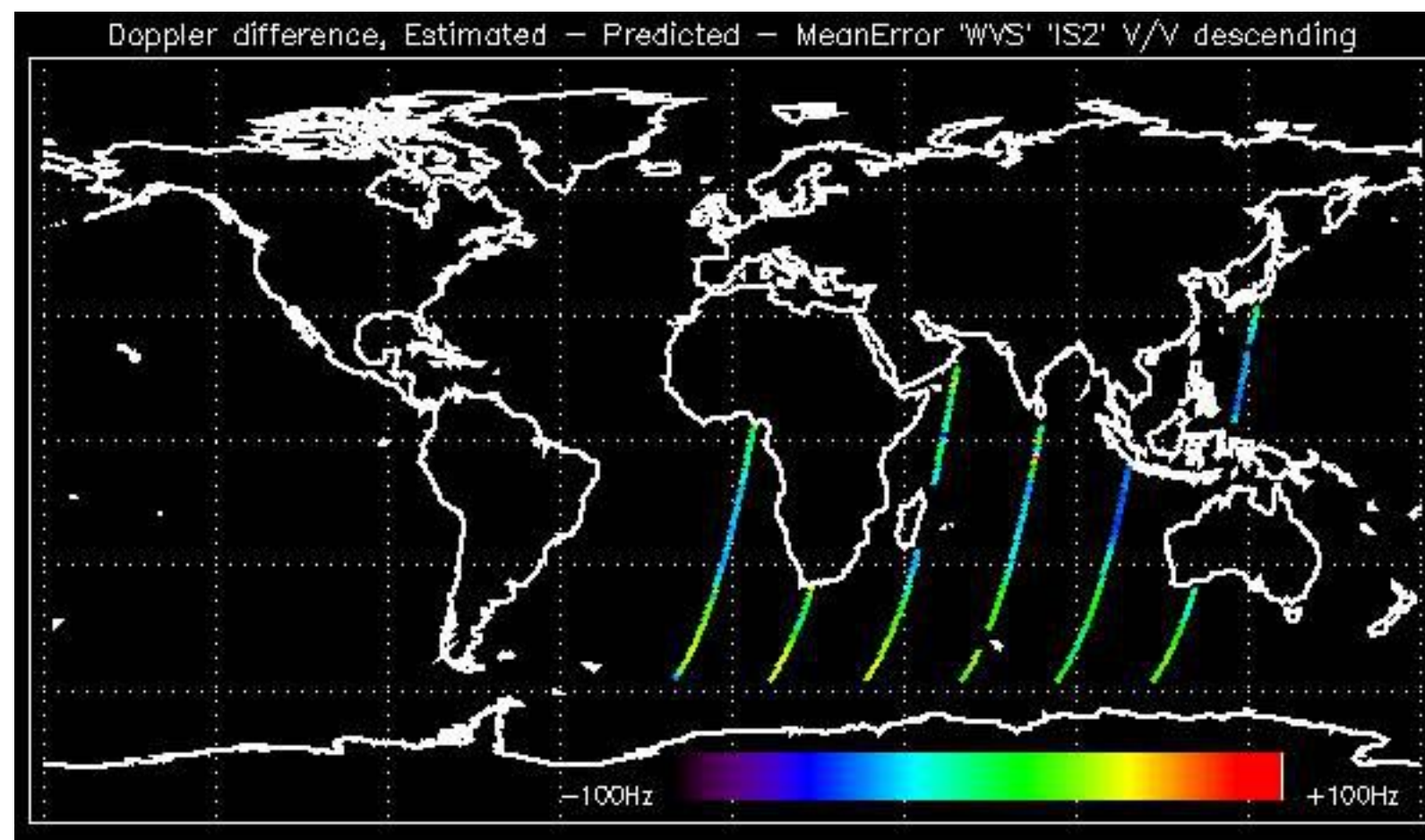


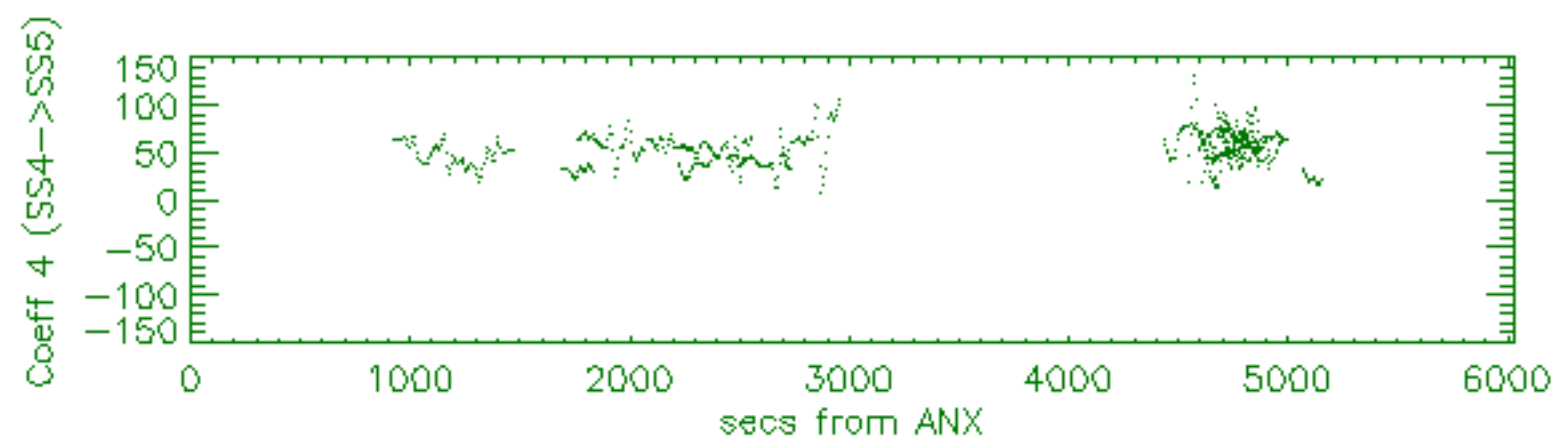
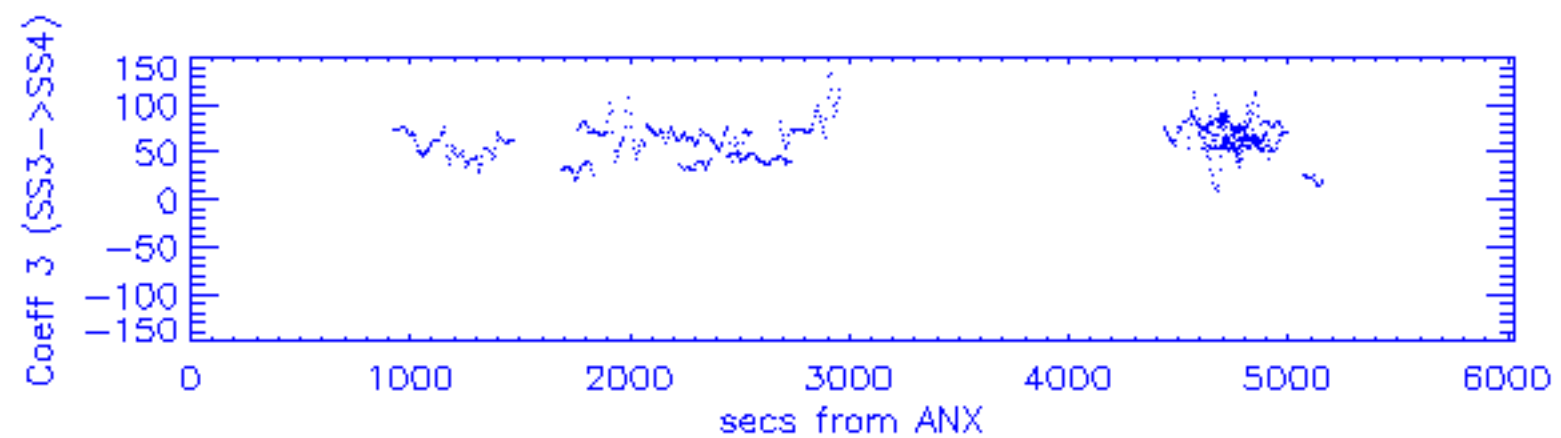
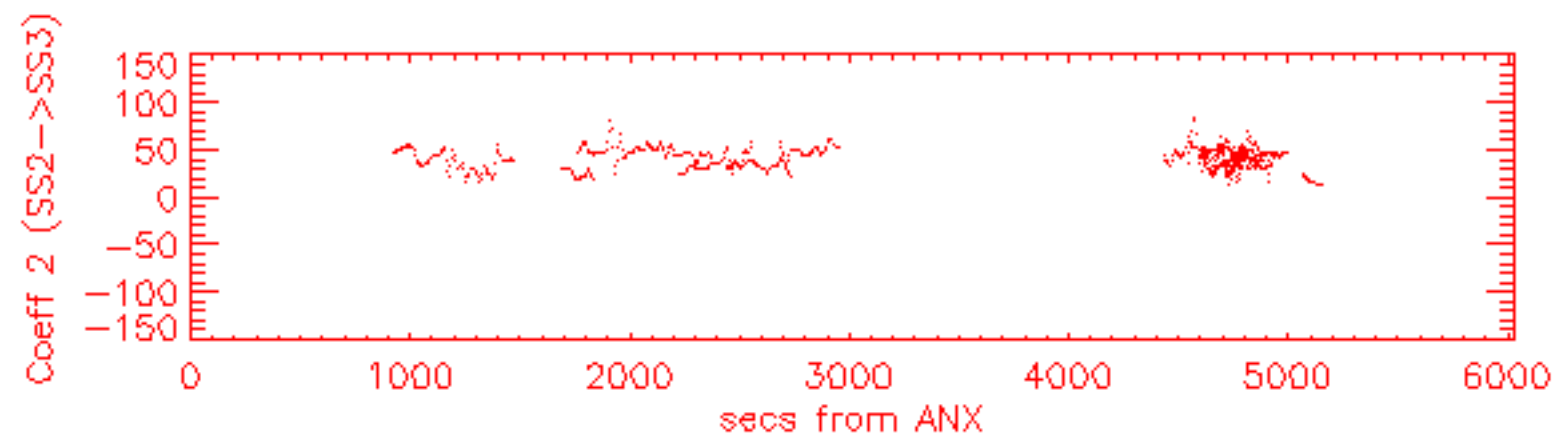
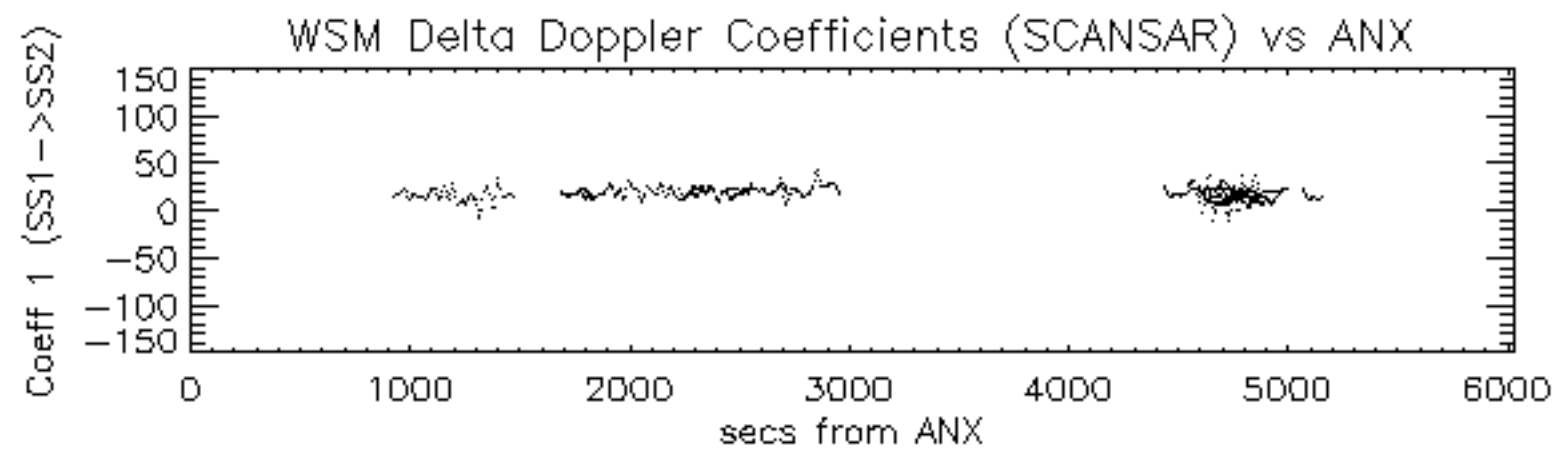


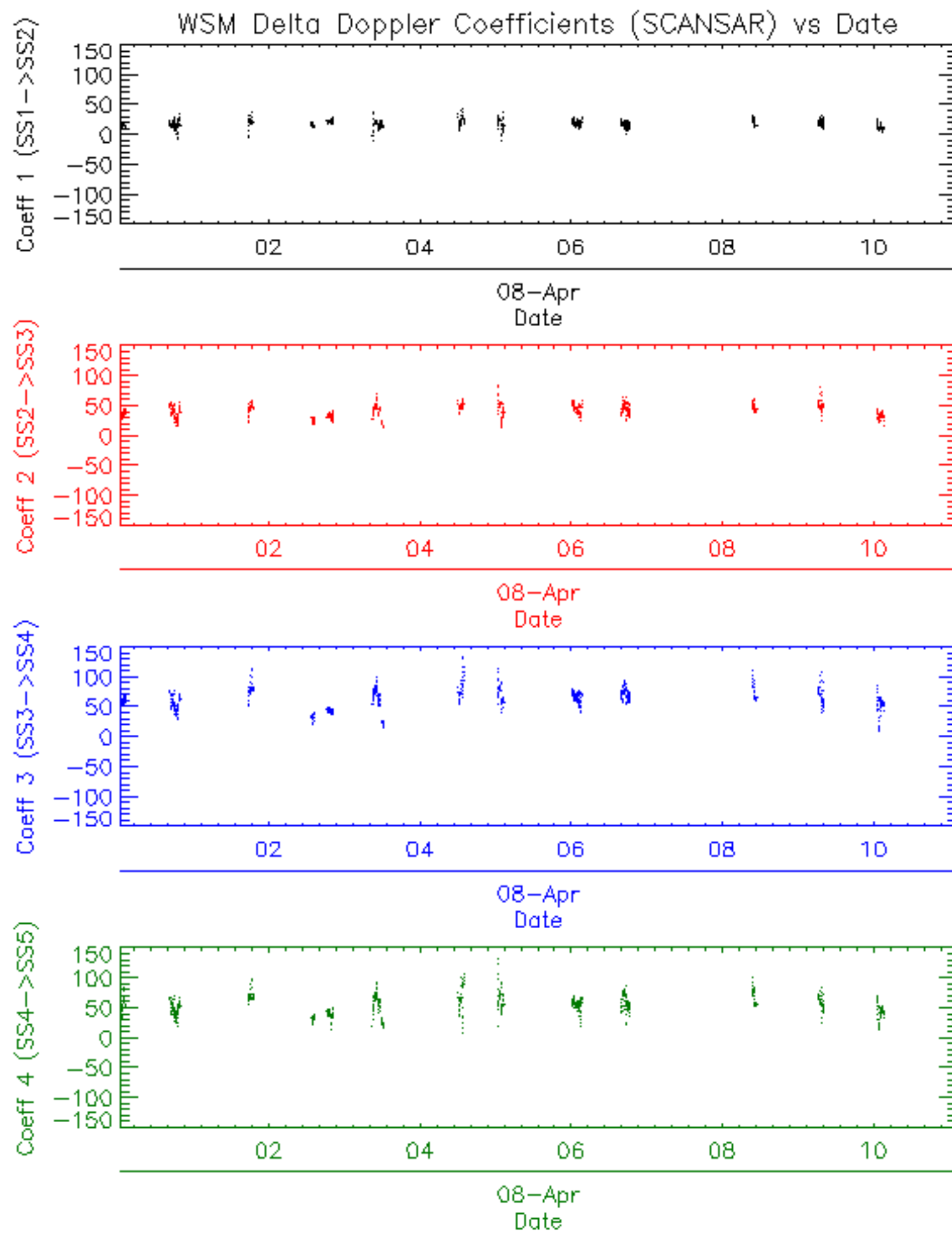


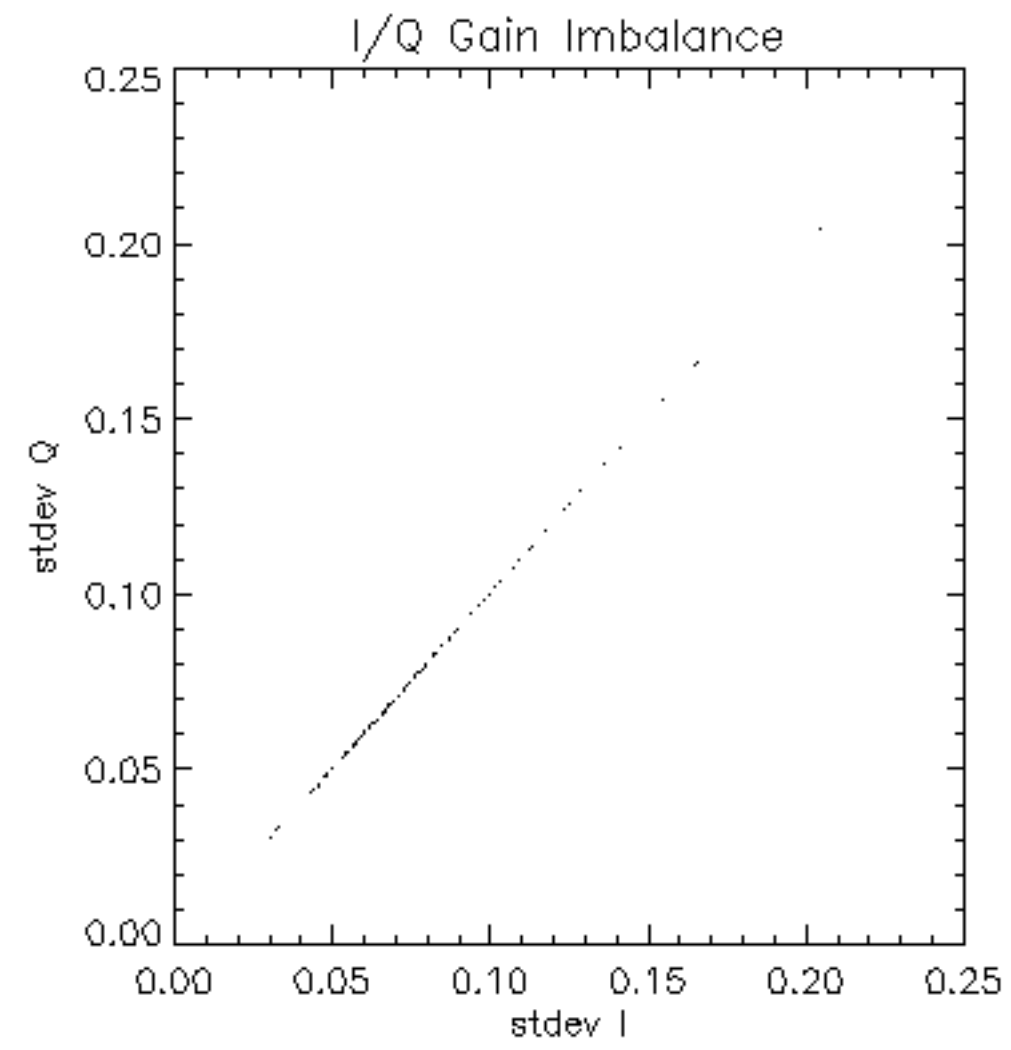


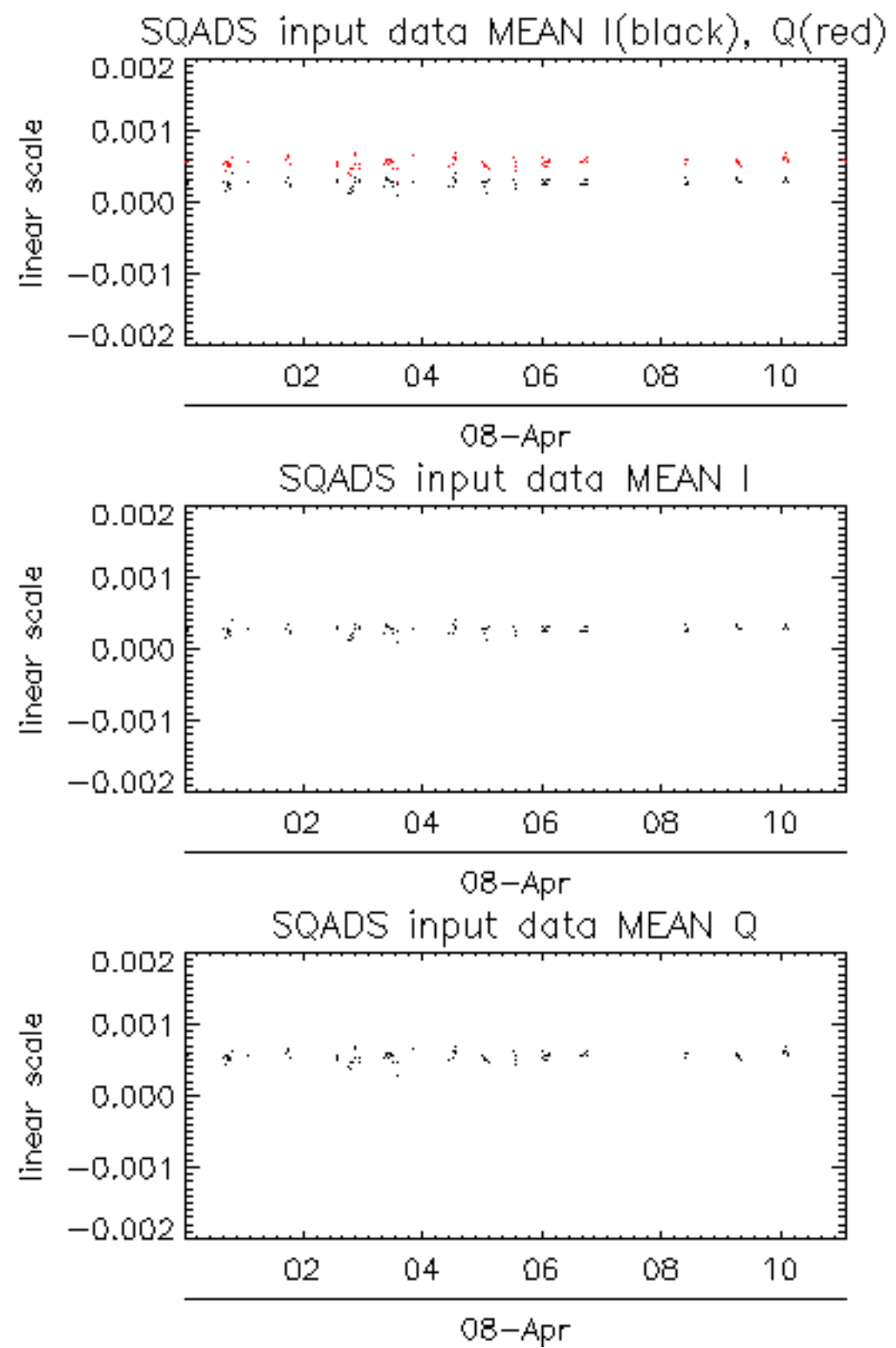


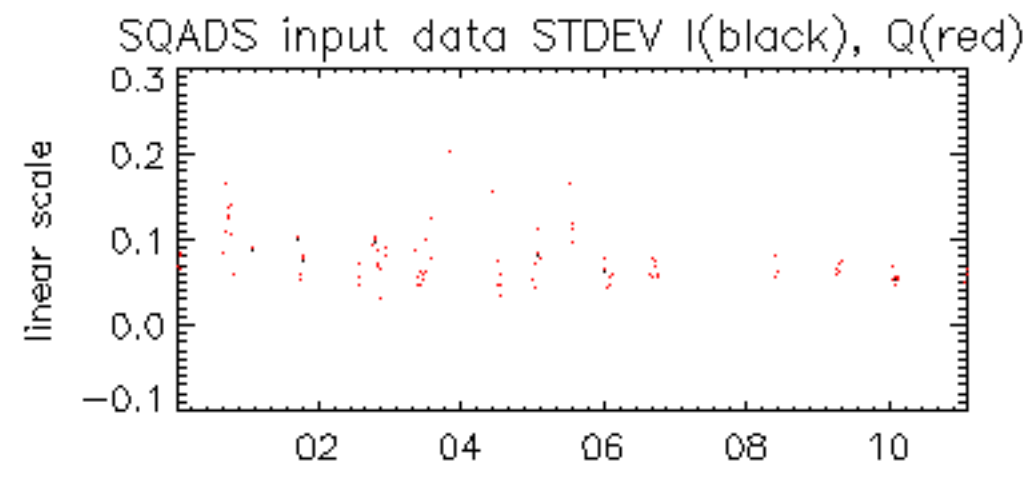




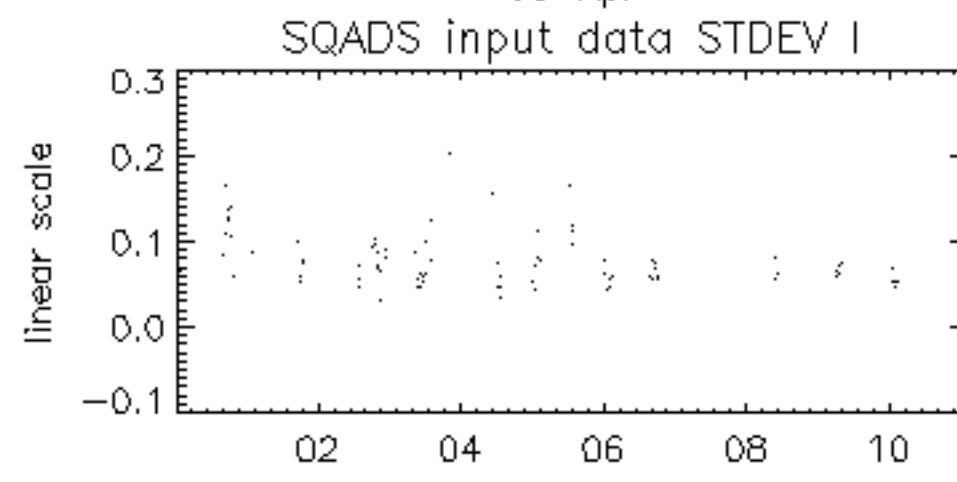




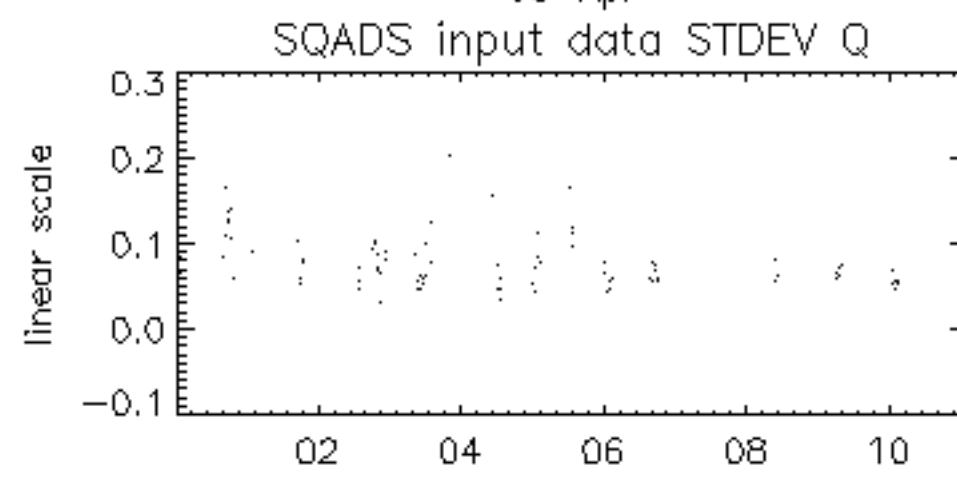




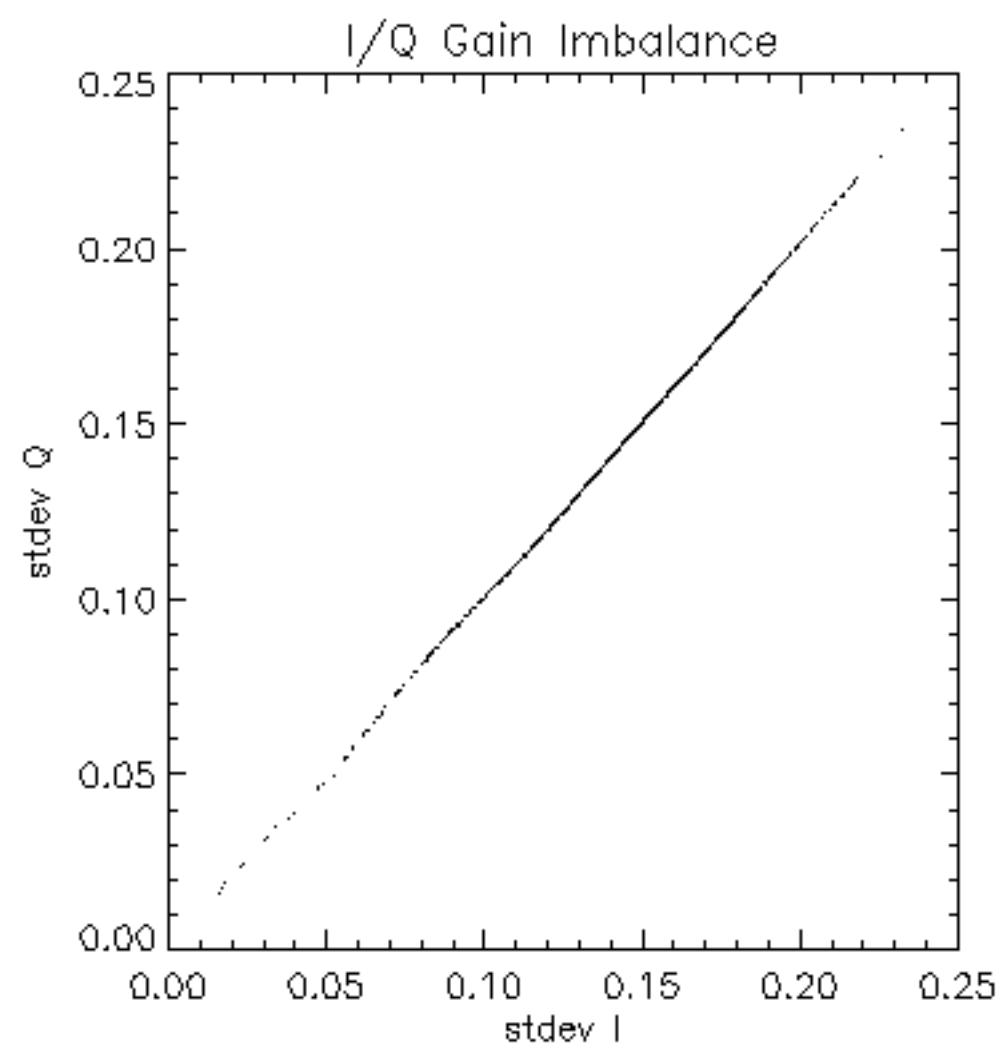
08-Apr

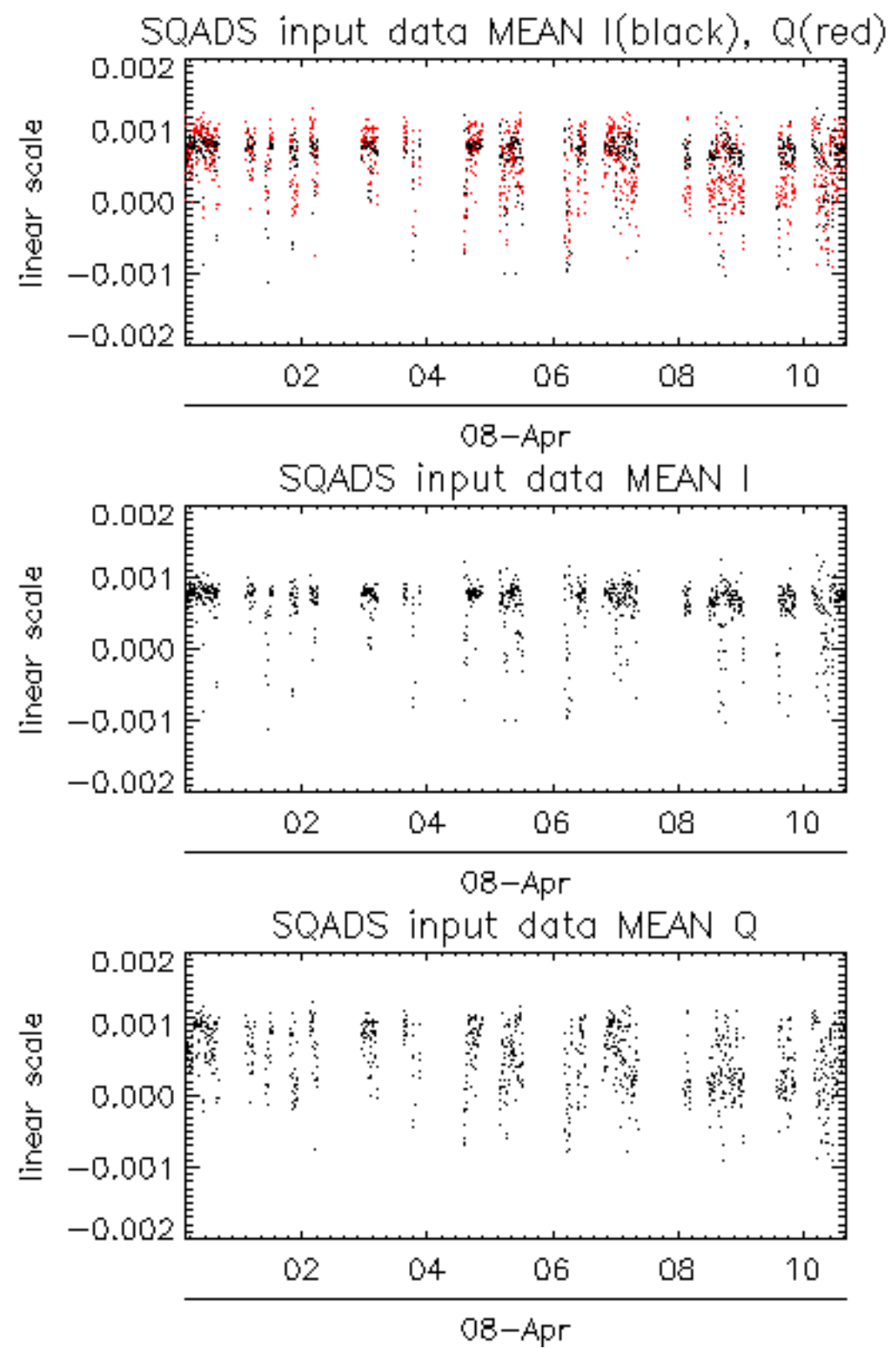


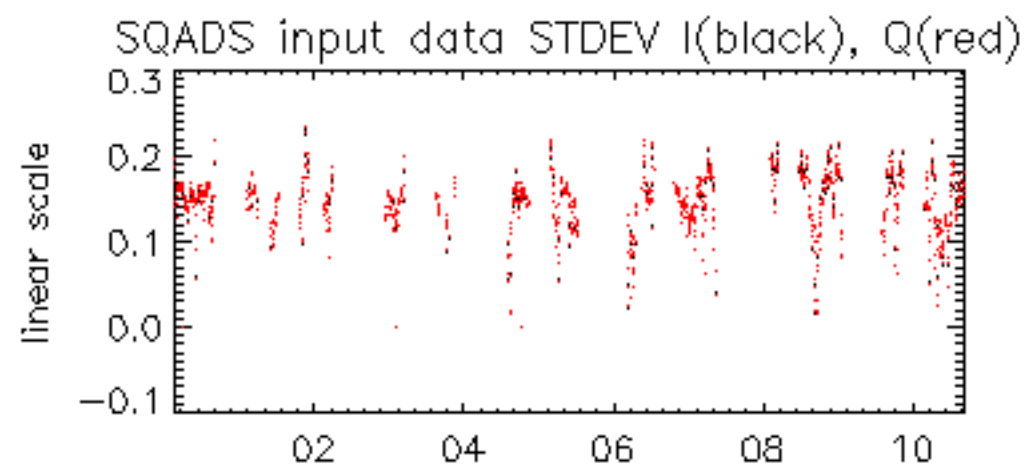
08-Apr



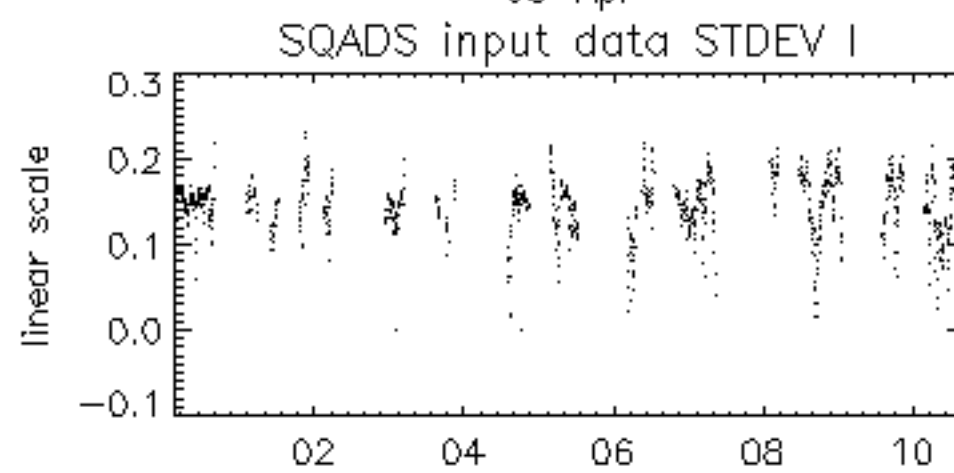
08-Apr



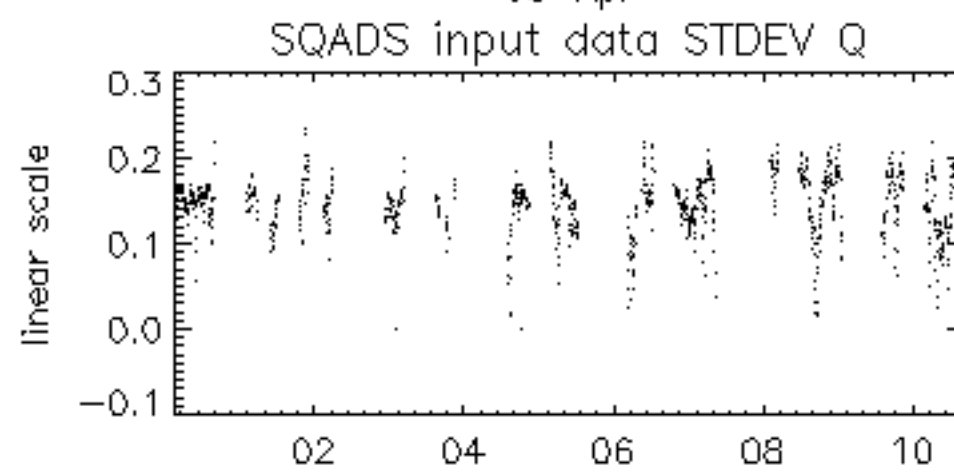




08-Apr



08-Apr



08-Apr

