



Analysis from 30-MAR-2012 00:00:00 to 30-MAR-2012 23:59:59. Page generated on 31-MAR-2012 06:32:18.
View log file: ASAR_Daily_Report_20120331_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.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	1	PDE	WS	H/H	28	PDE	IS1	V/H	4	PDE	IS1	V/V	1	PDE	WS	H/H	25	PDK	2012-03-30 17:04:20	H	320
PDE	IS2	V/V	27	PDK	WS	H/H	40	PDE	IS1	V/V	1	PDE	IS2	V/V	2	PDE	WS	V/V	3	PDK	2012-03-30 18:44:34	V	320
PDK	IS2	V/V	25					PDE	IS2	H/V	1	PDE	IS6	H/H	8	PDK	WS	H/H	15				
								PDE	IS2	V/H	2	PDK	IS6	H/H	2	PDK	WS	V/V	2				
								PDE	IS4	H/V	1												
								PDK	IS2	V/H	1												

1.2 - Lists of products used

[[BACK TO MENU](#)]

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[[BACK TO MENU](#)]

ADFs disseminated for ASAR
ASA_CON_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

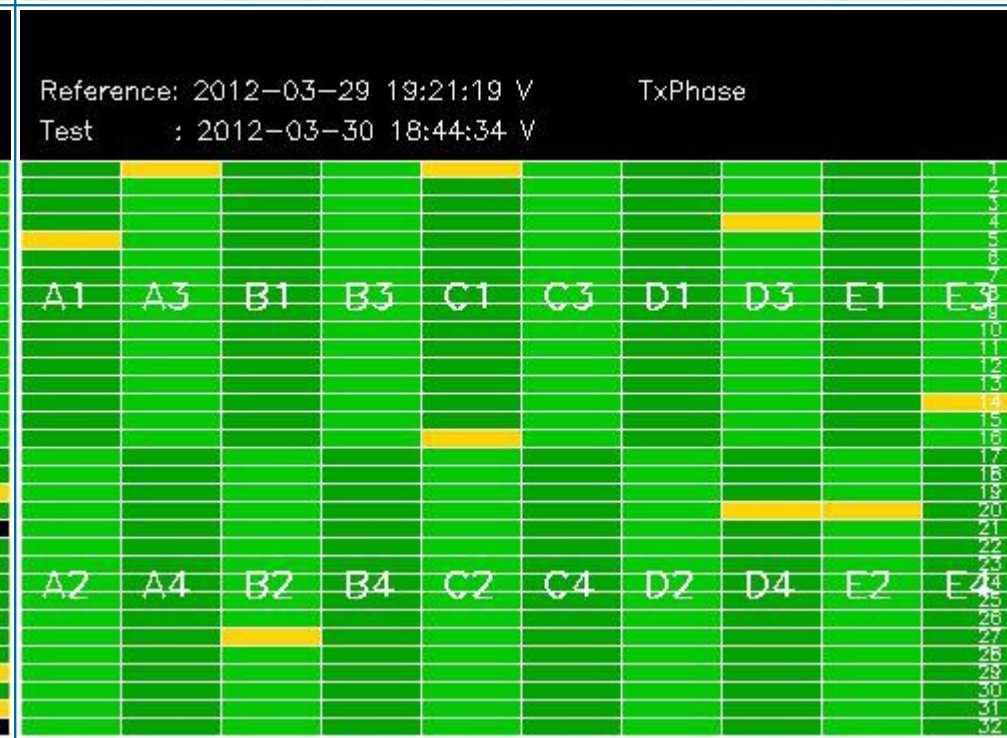
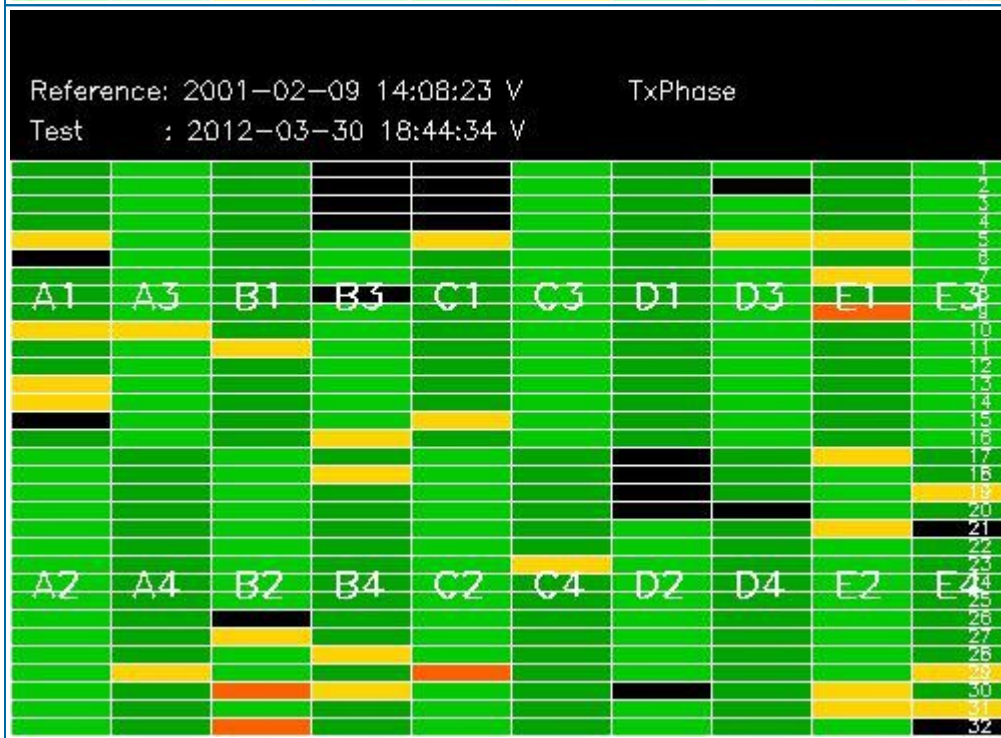
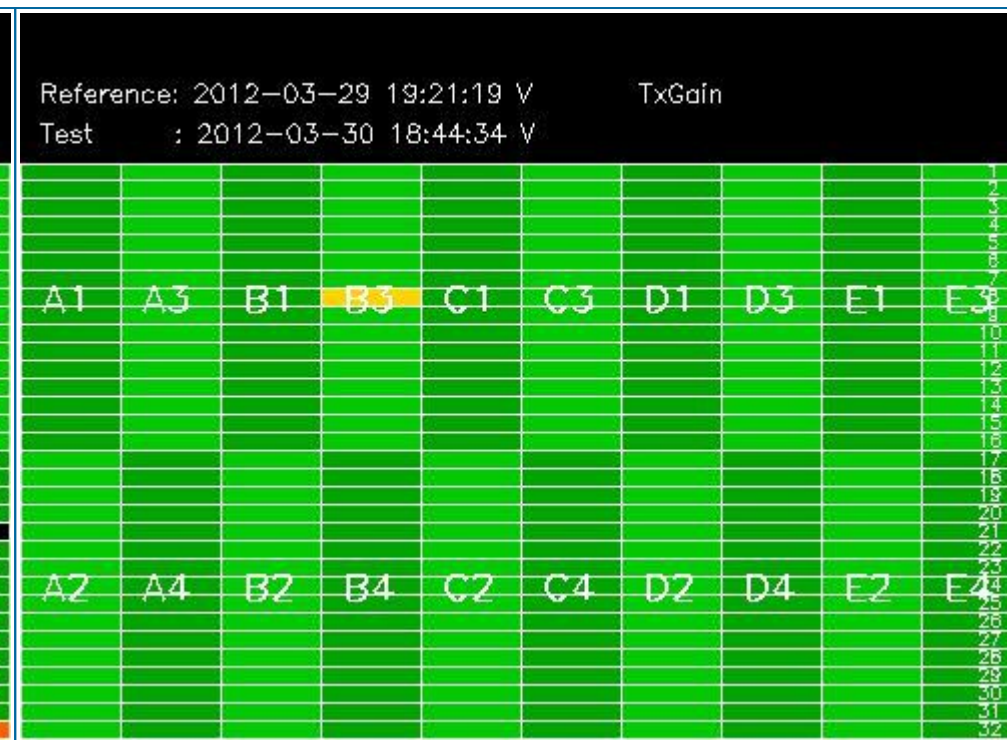
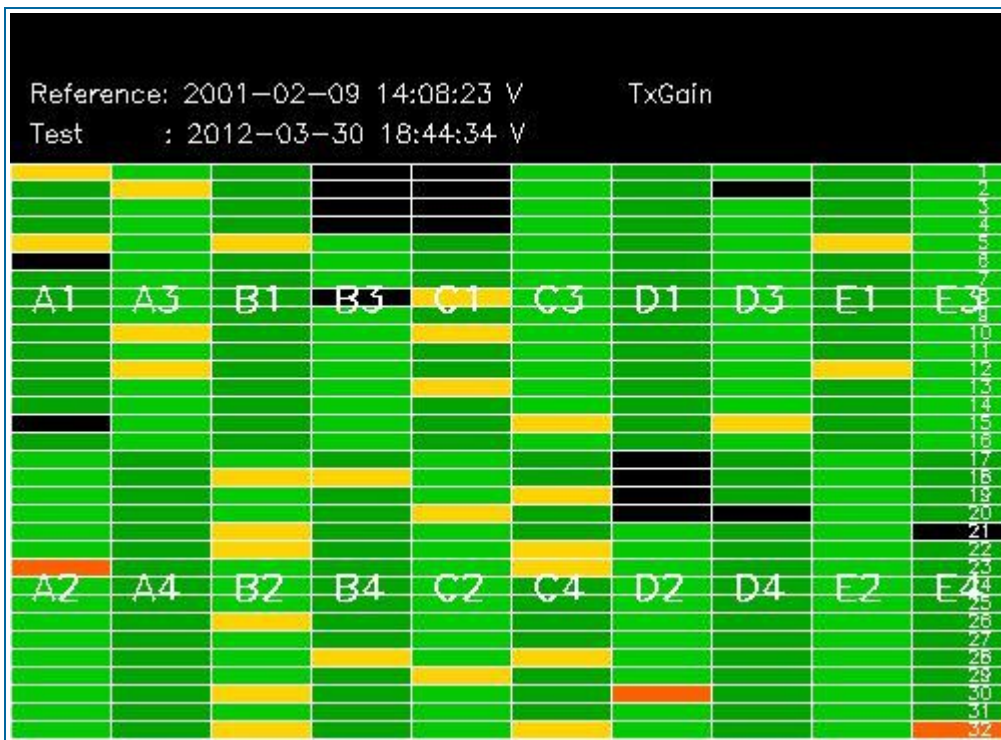
[[BACK TO MENU](#)]

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





3.2 - H/H polarisation

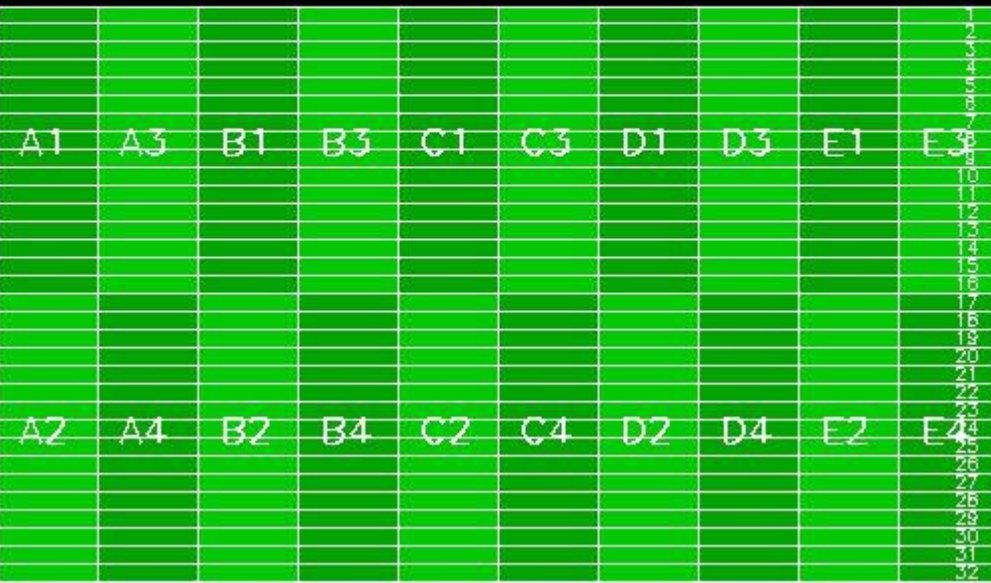
[[BACK TO MENU](#)]

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

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2012-03-30 17:04:20 H



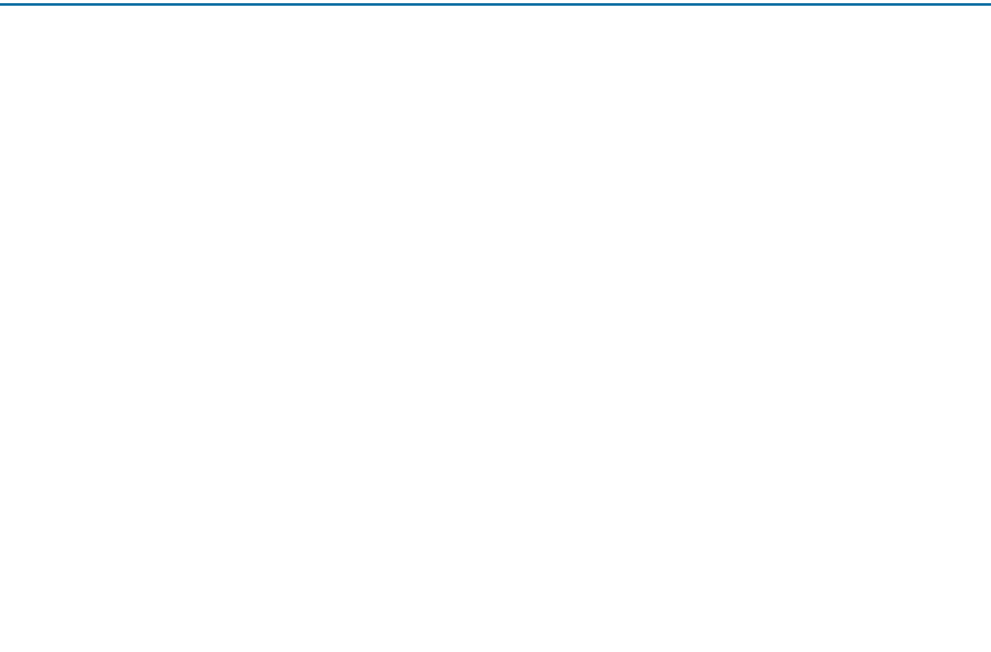
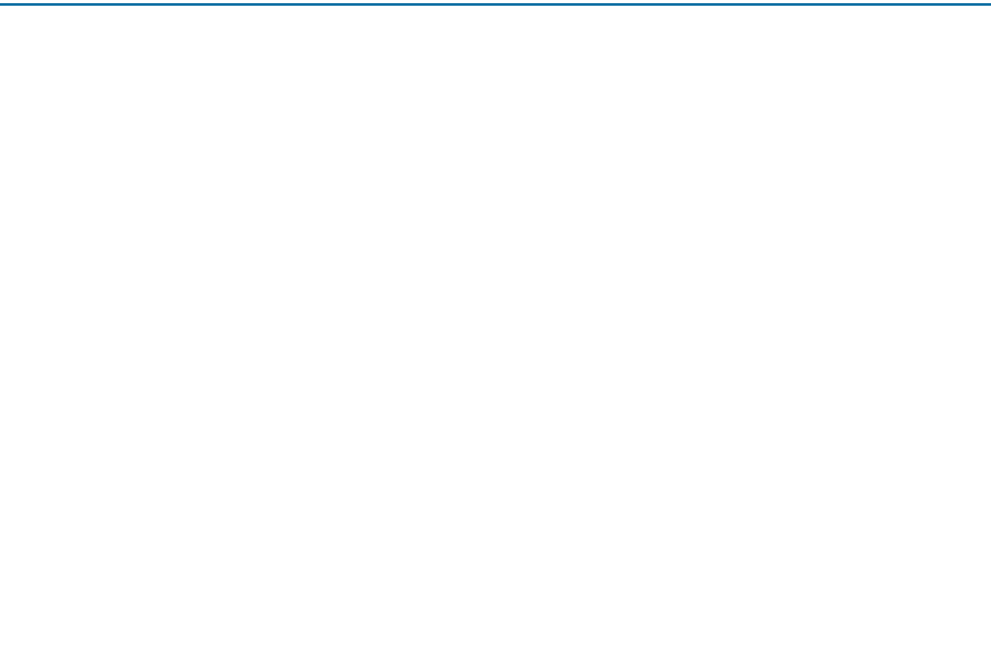
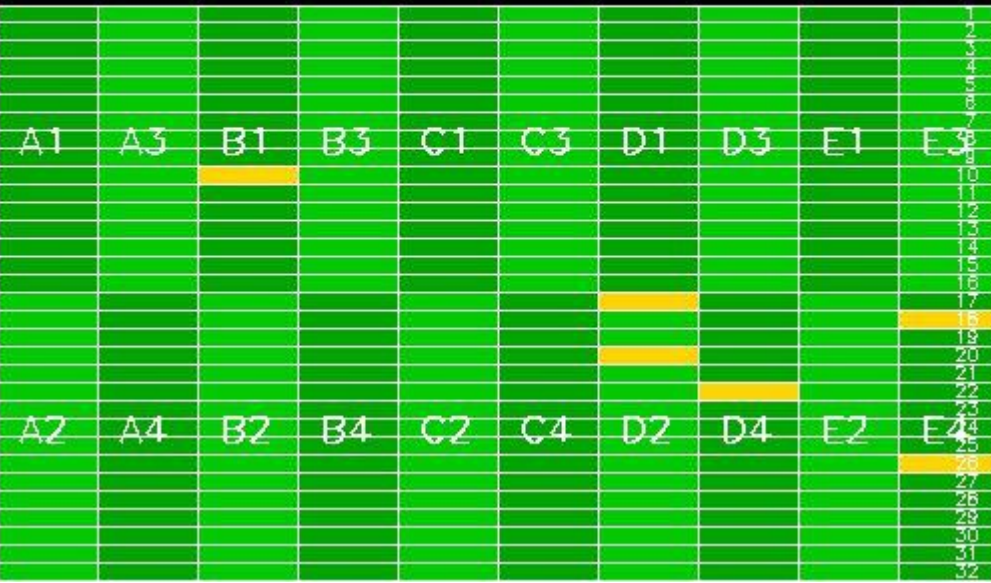
Reference: 2012-03-29 17:41:05 H RxGain
 Test : 2012-03-30 17:04:20 H

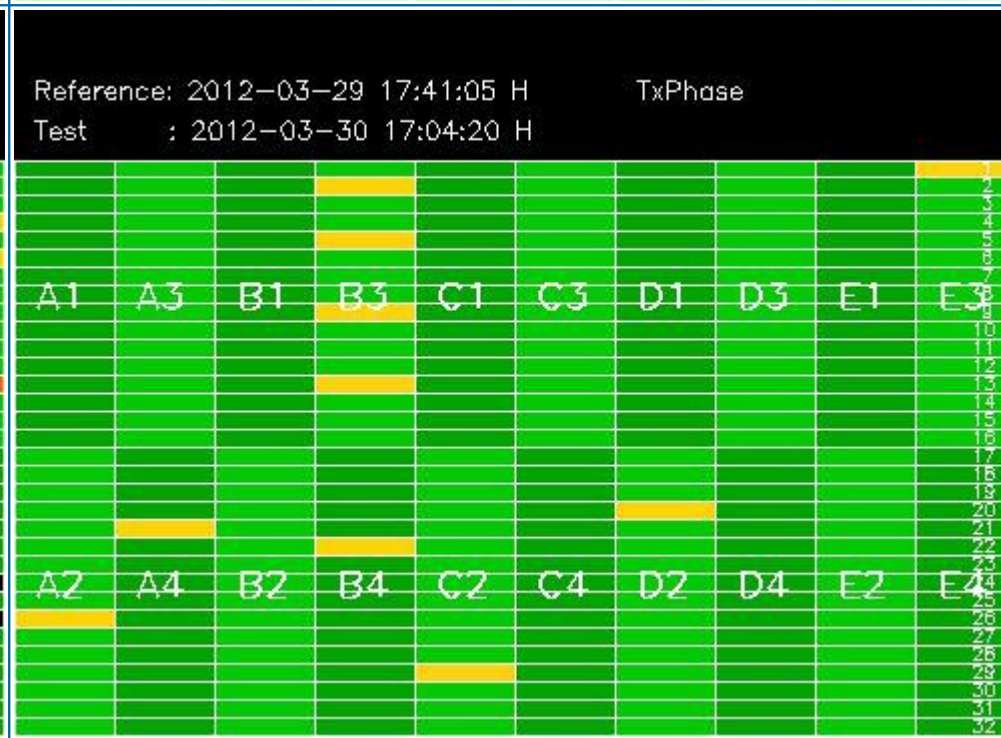
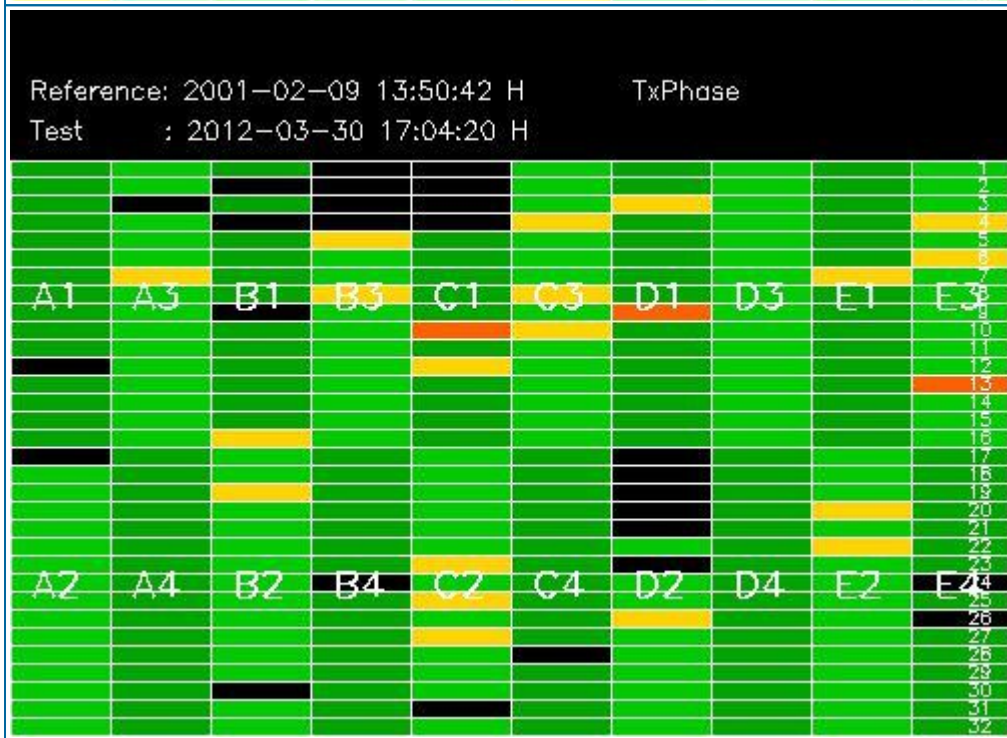
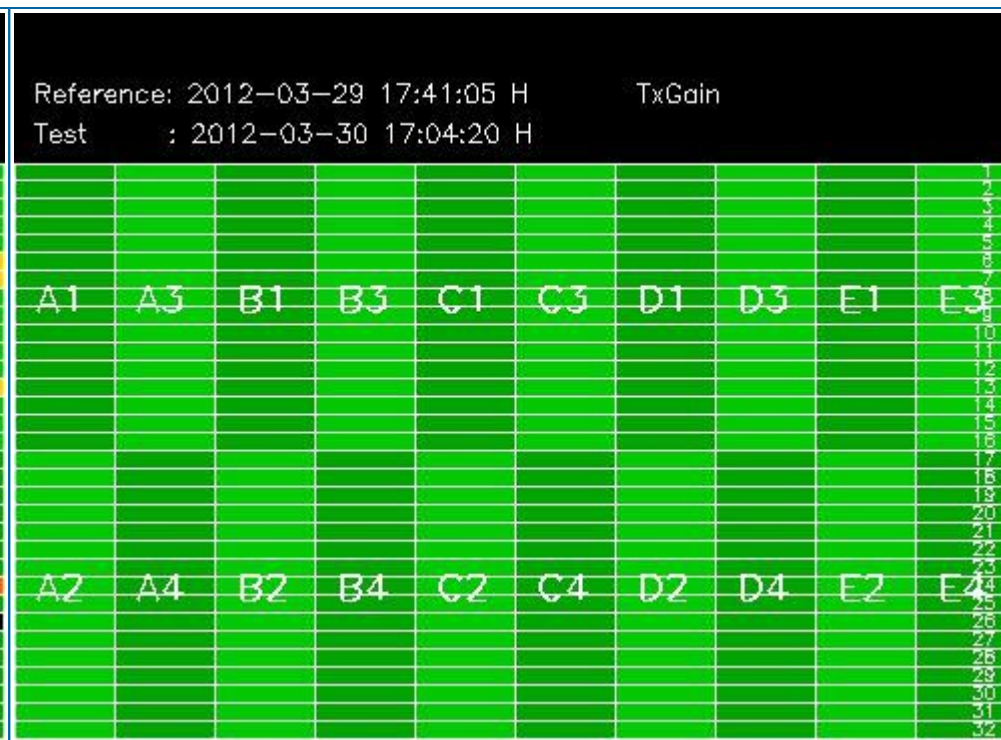
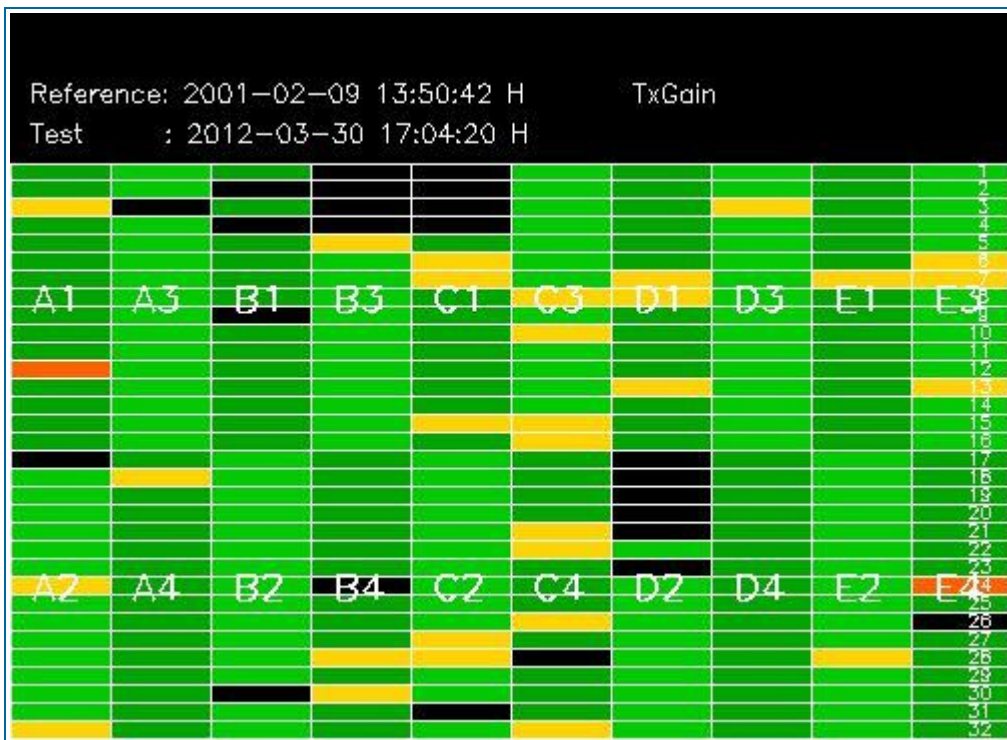


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2012-03-30 17:04:20 H



Reference: 2012-03-29 17:41:05 H RxPhase
 Test : 2012-03-30 17:04:20 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

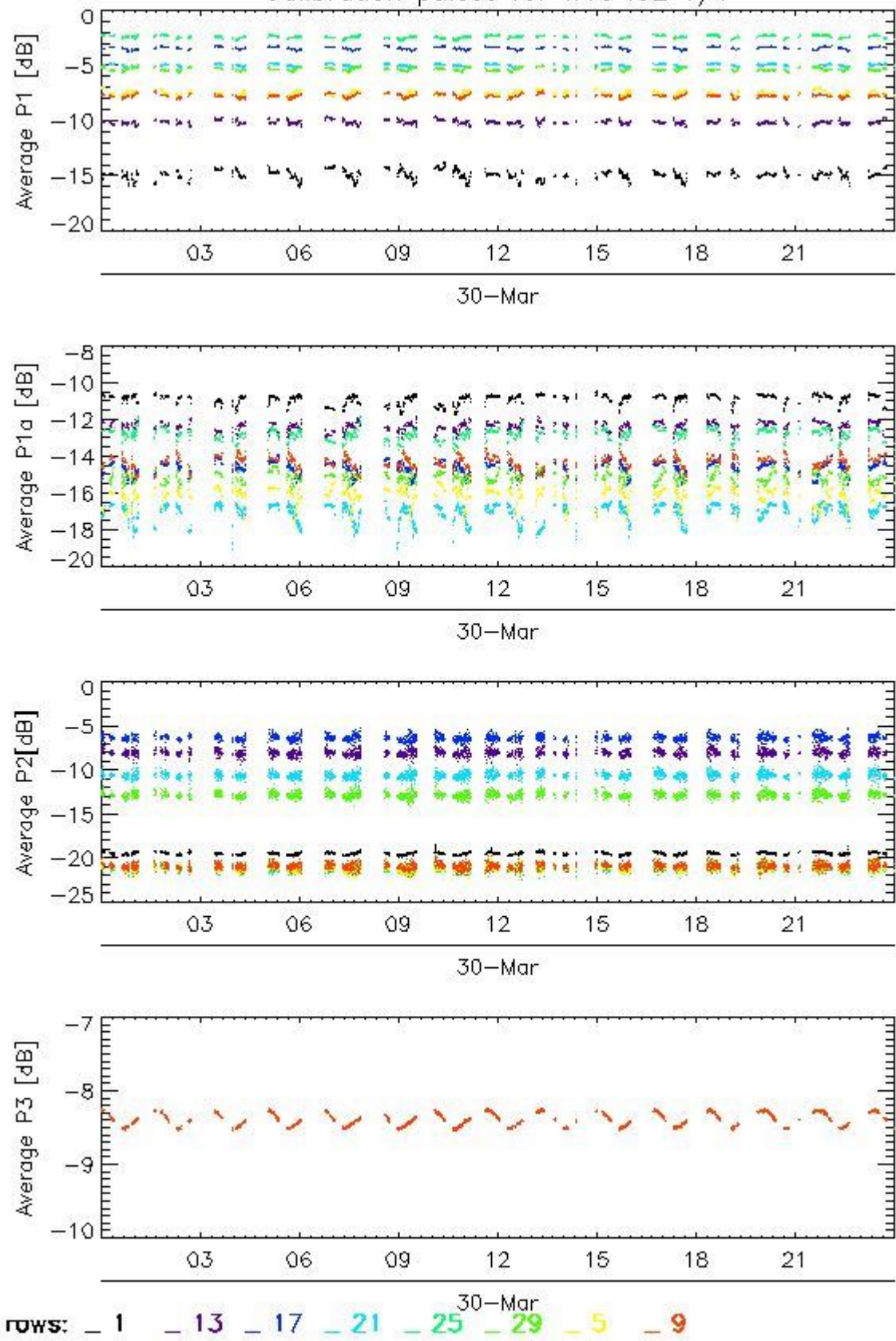
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

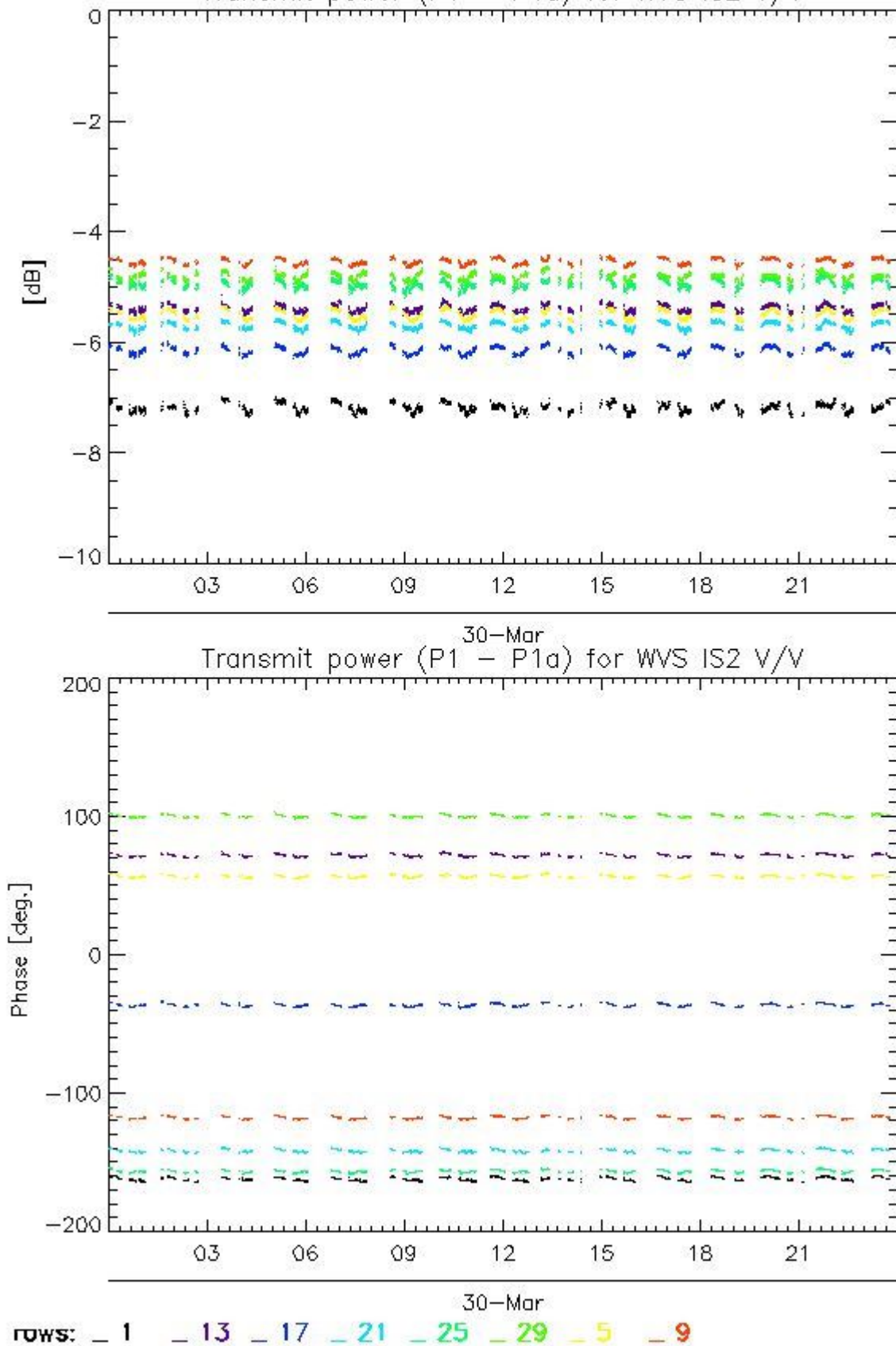
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



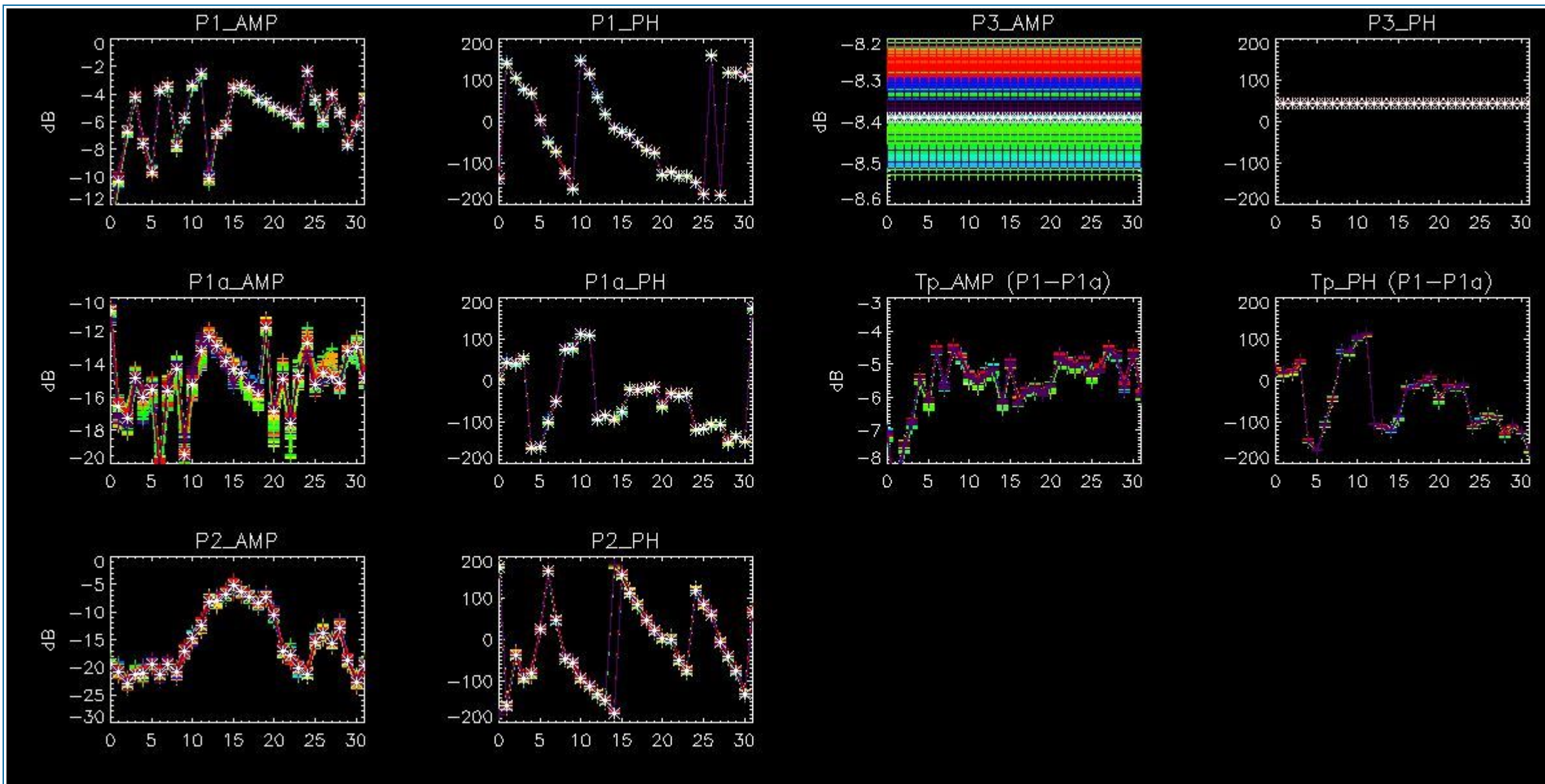
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

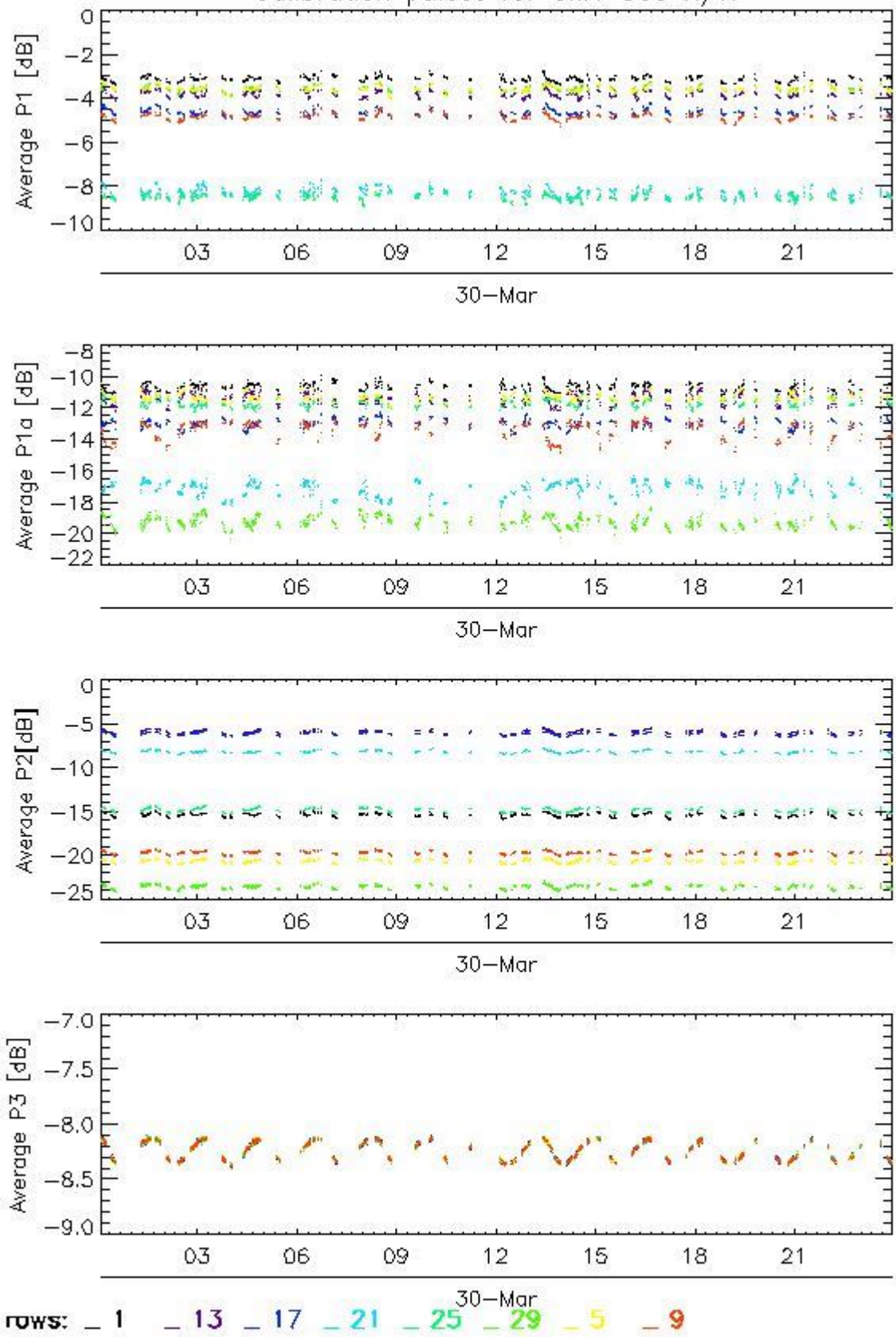
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

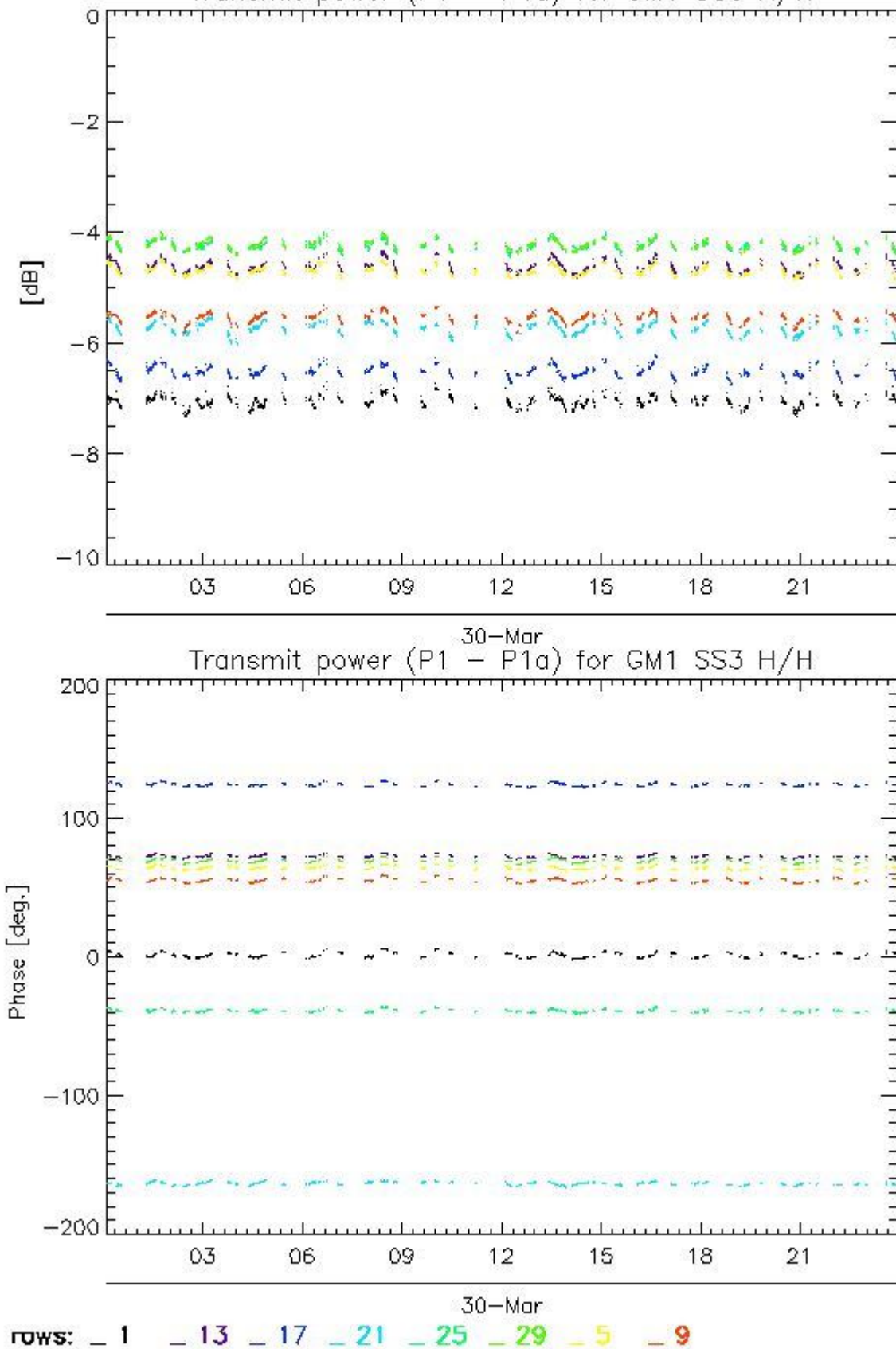
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



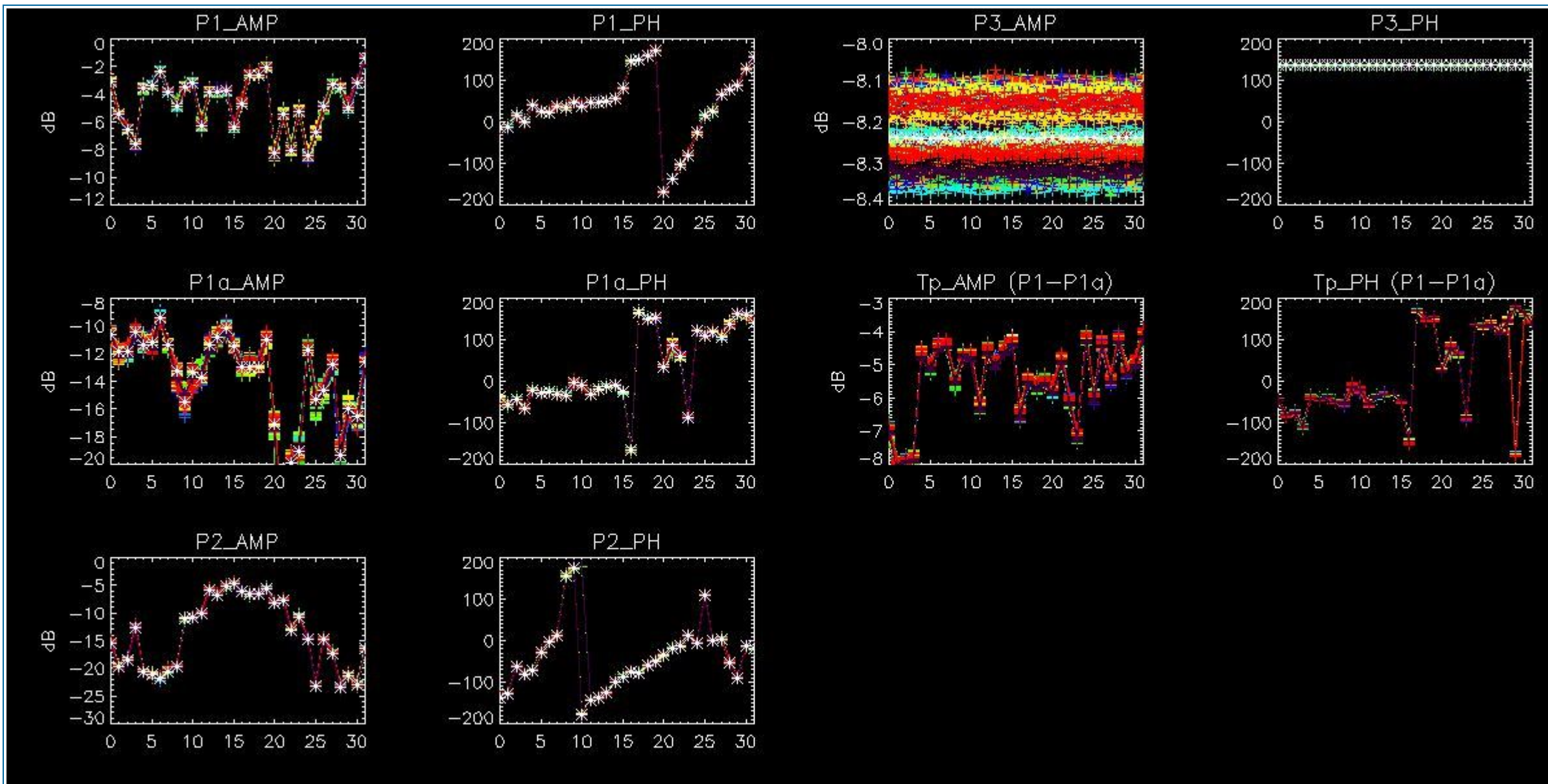
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[BACK TO MENU]





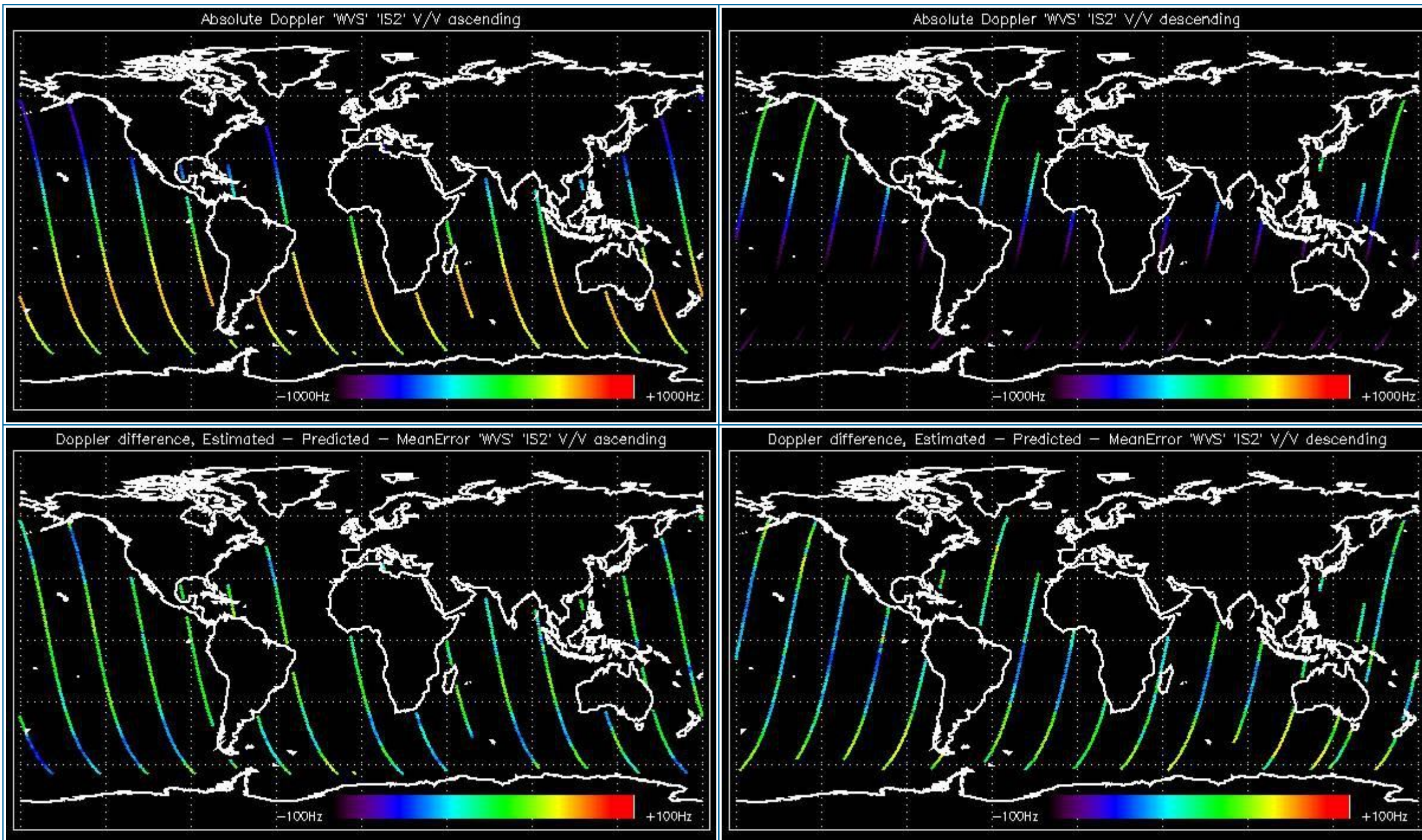
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

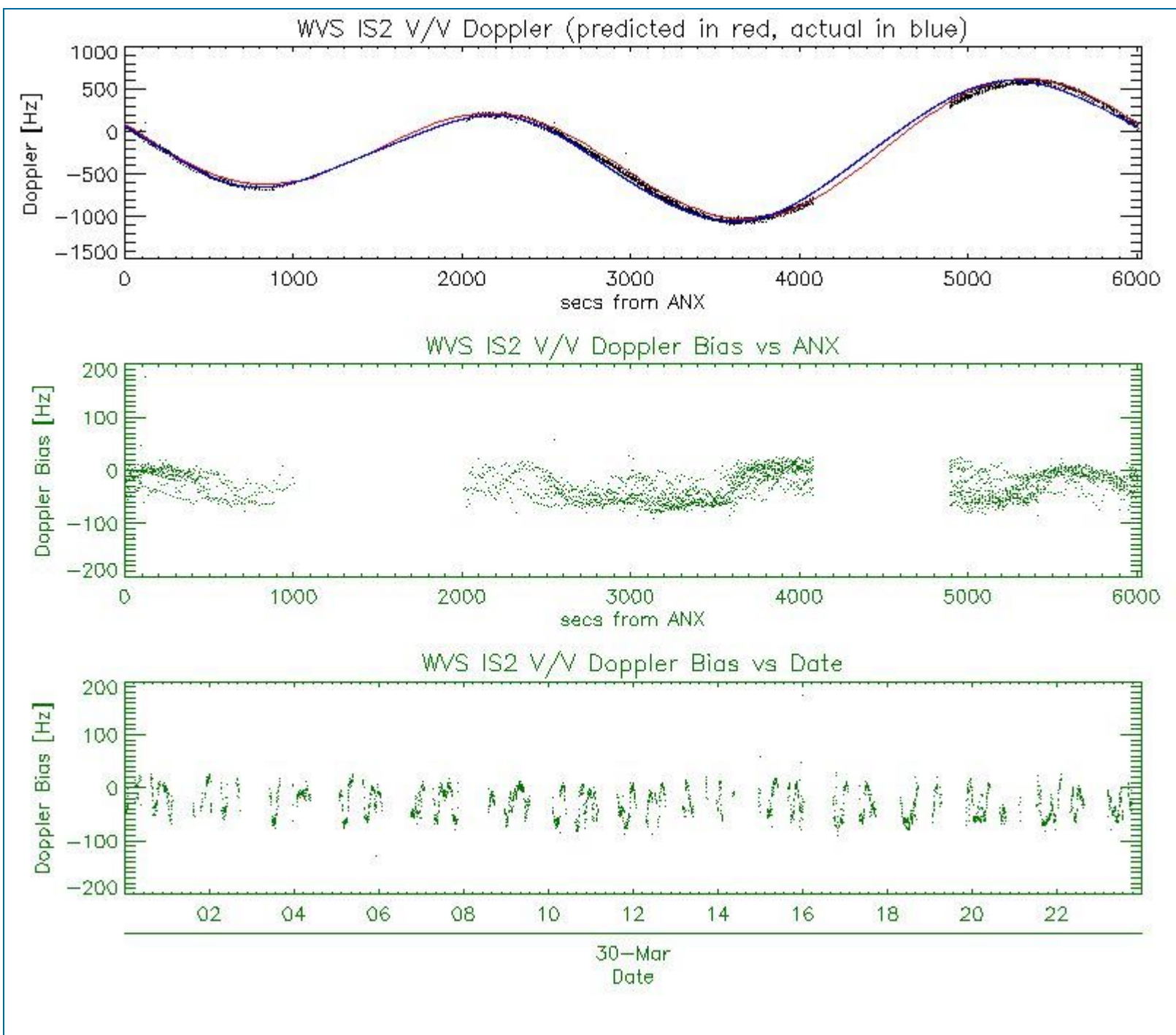




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



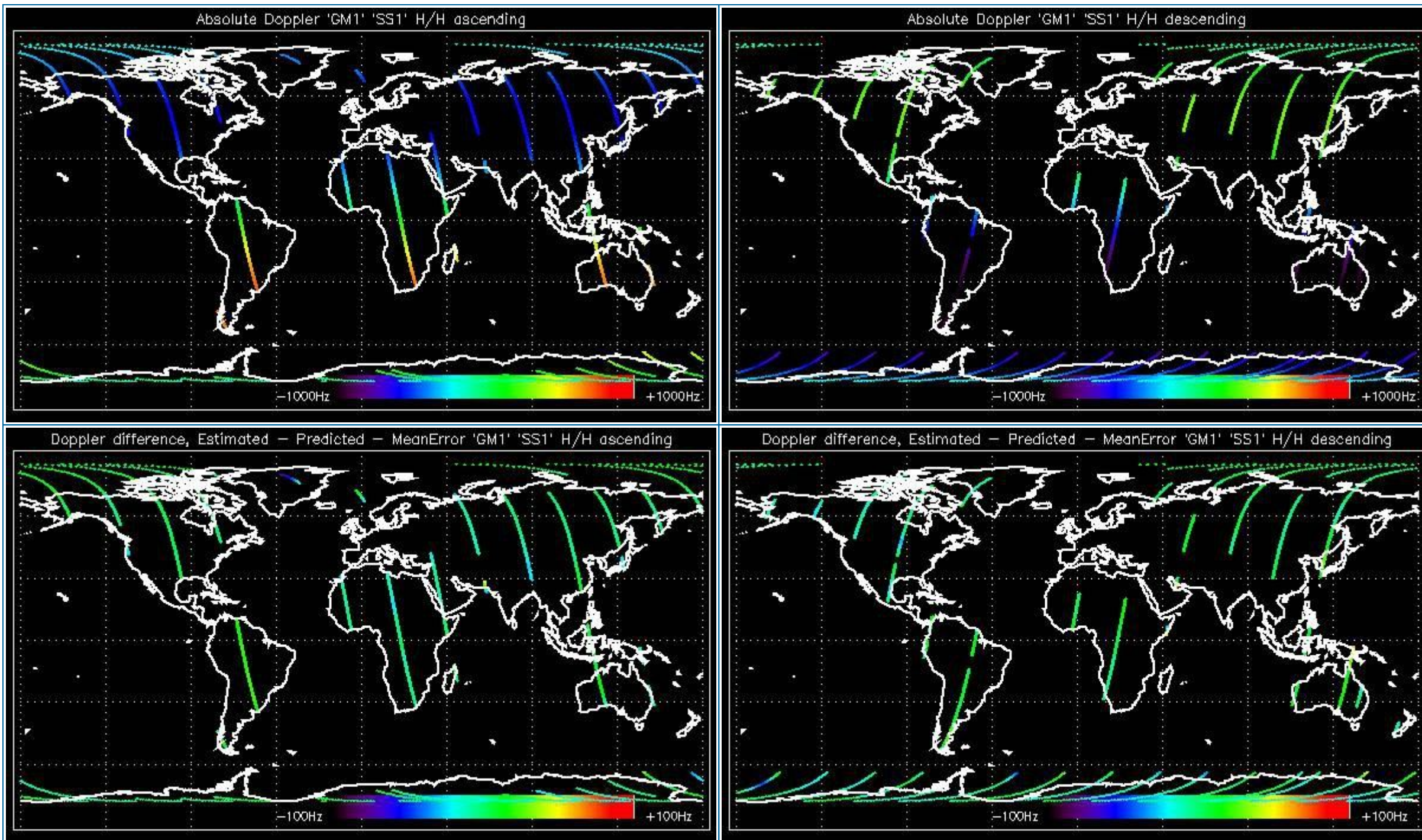


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

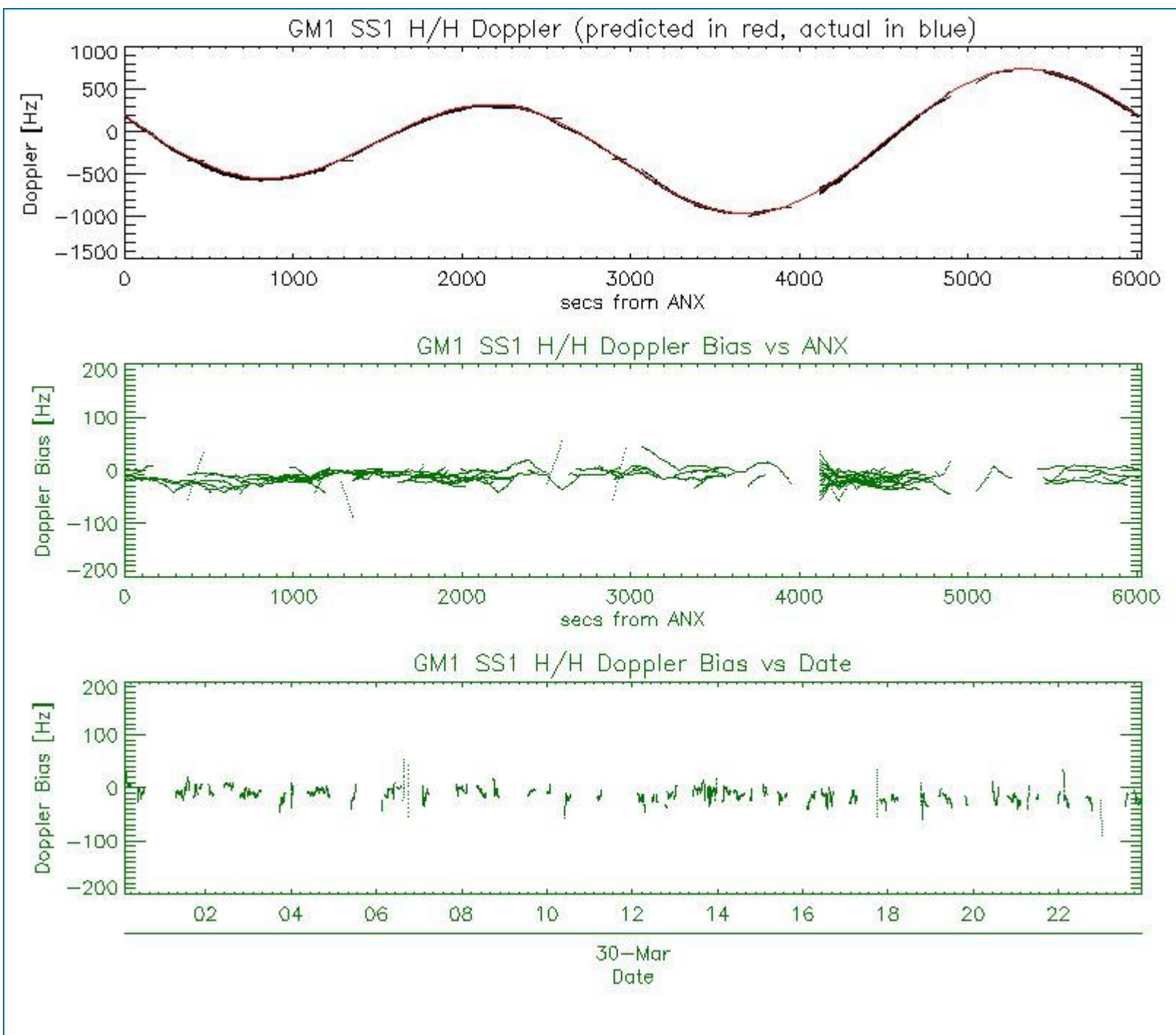




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

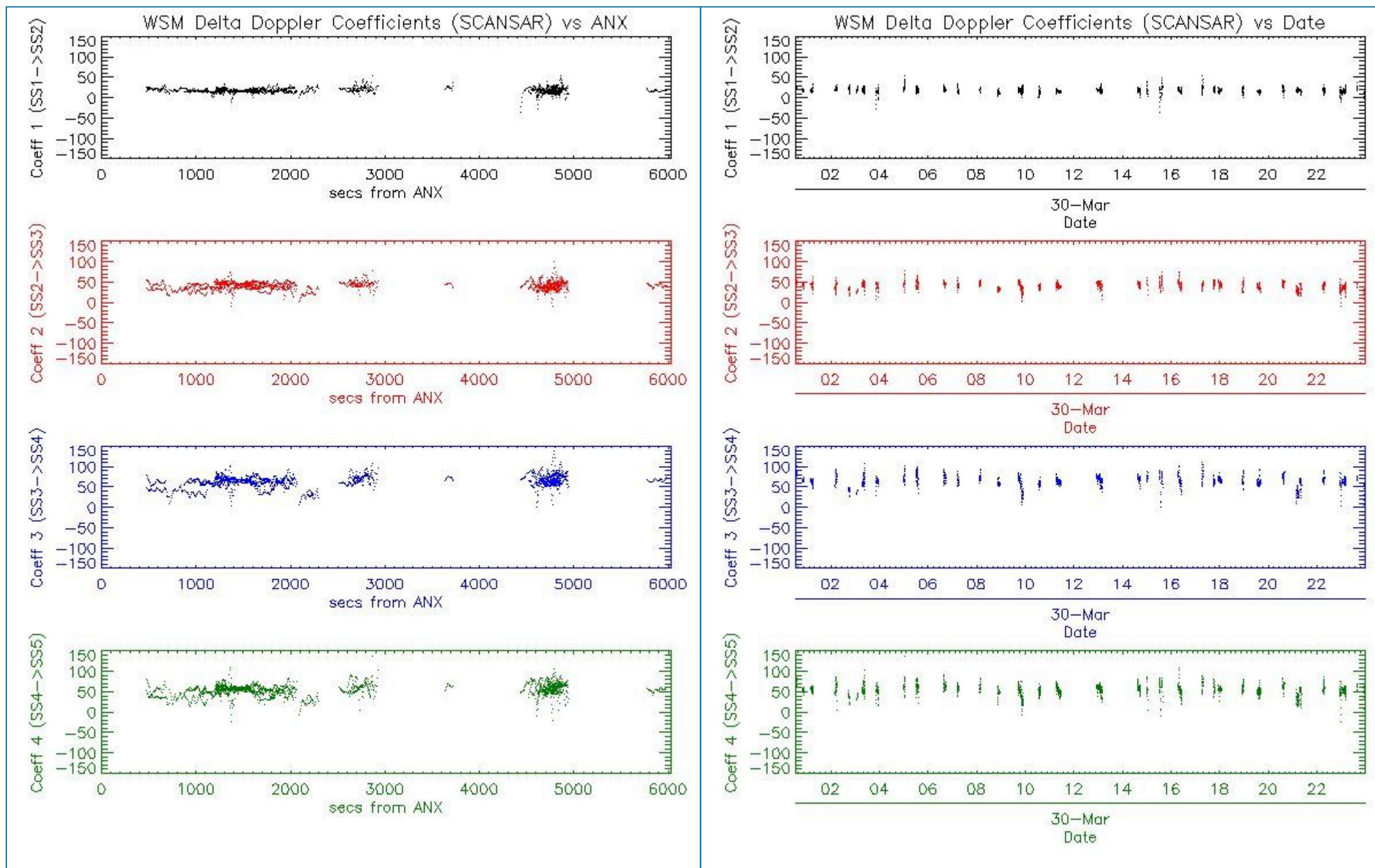




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]



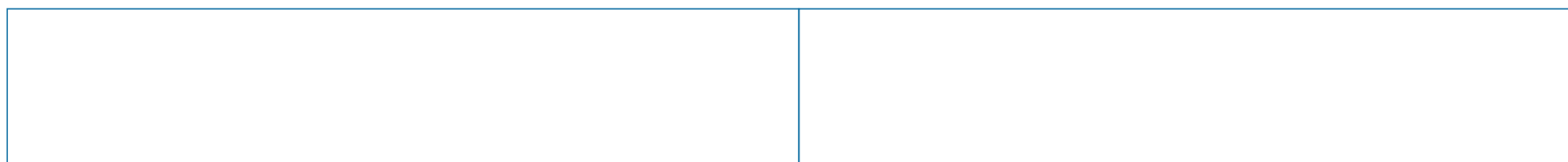


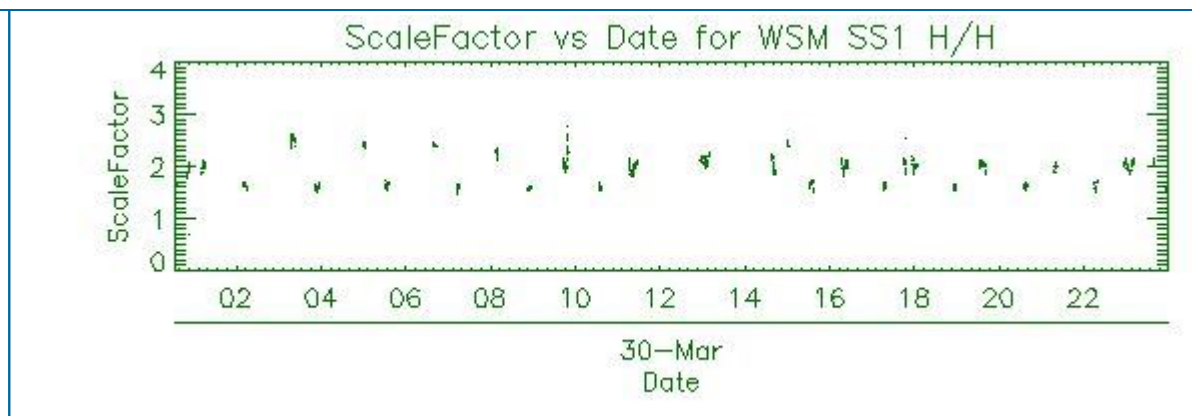
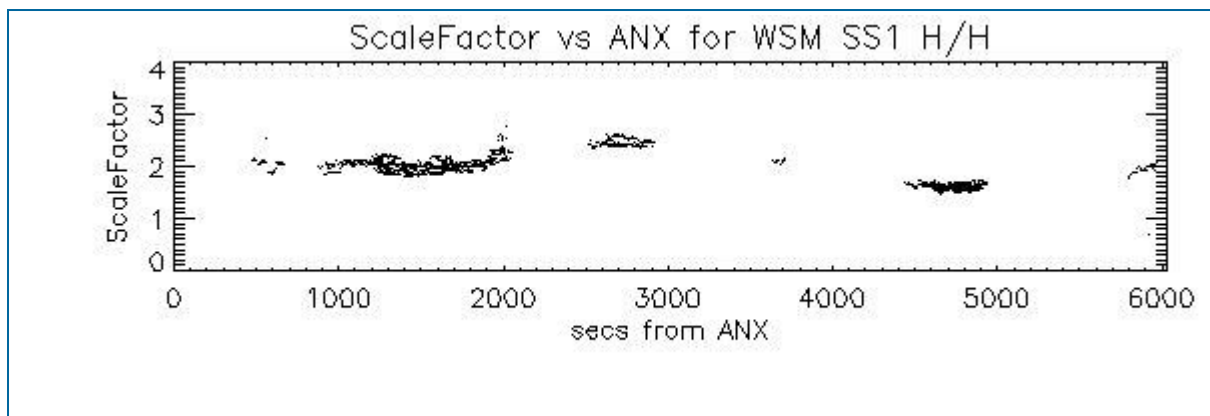
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

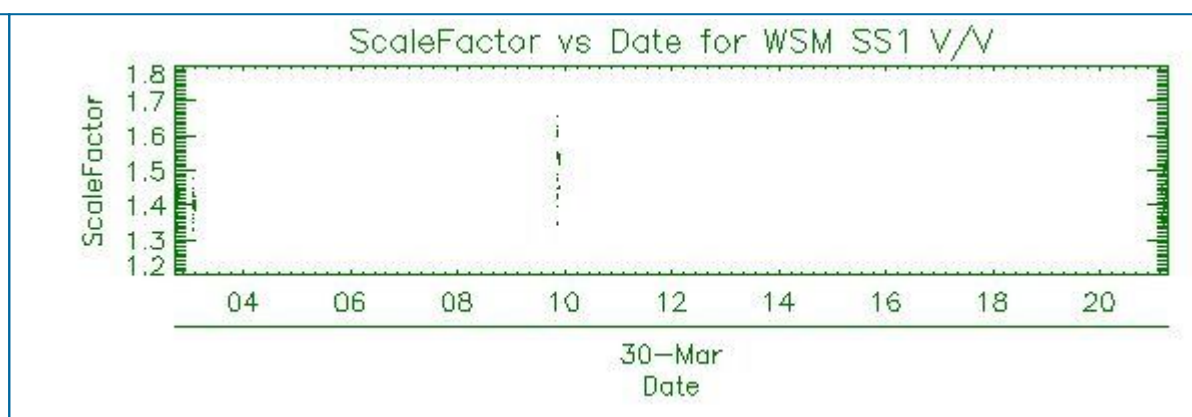
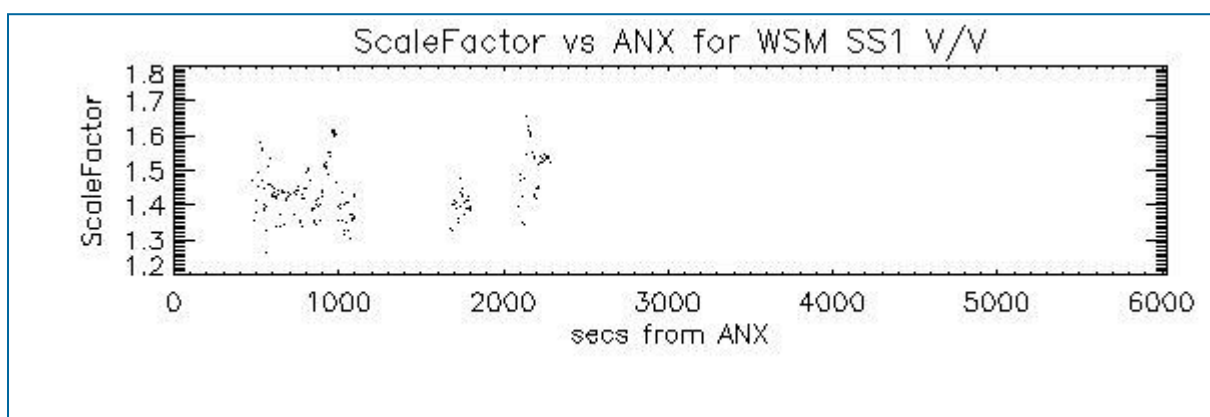




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

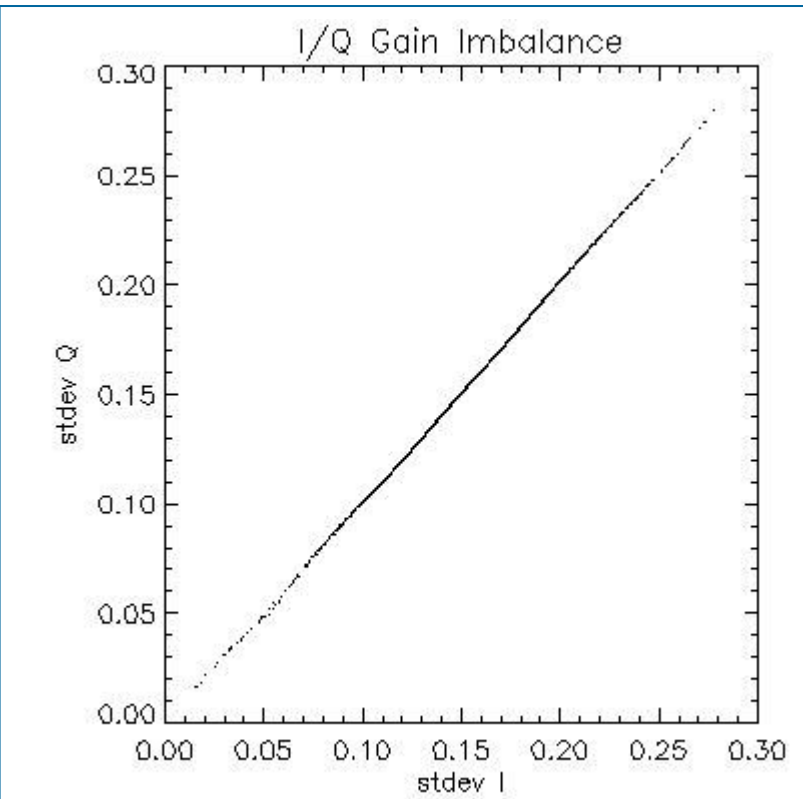
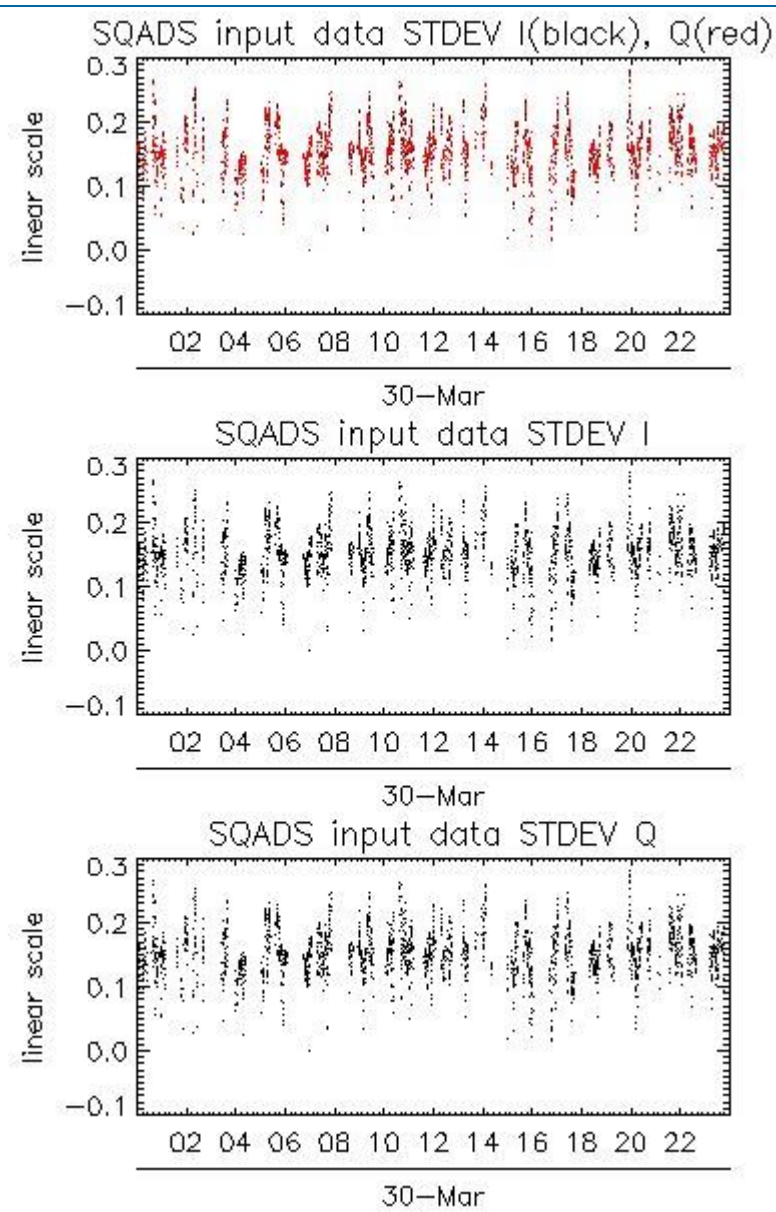
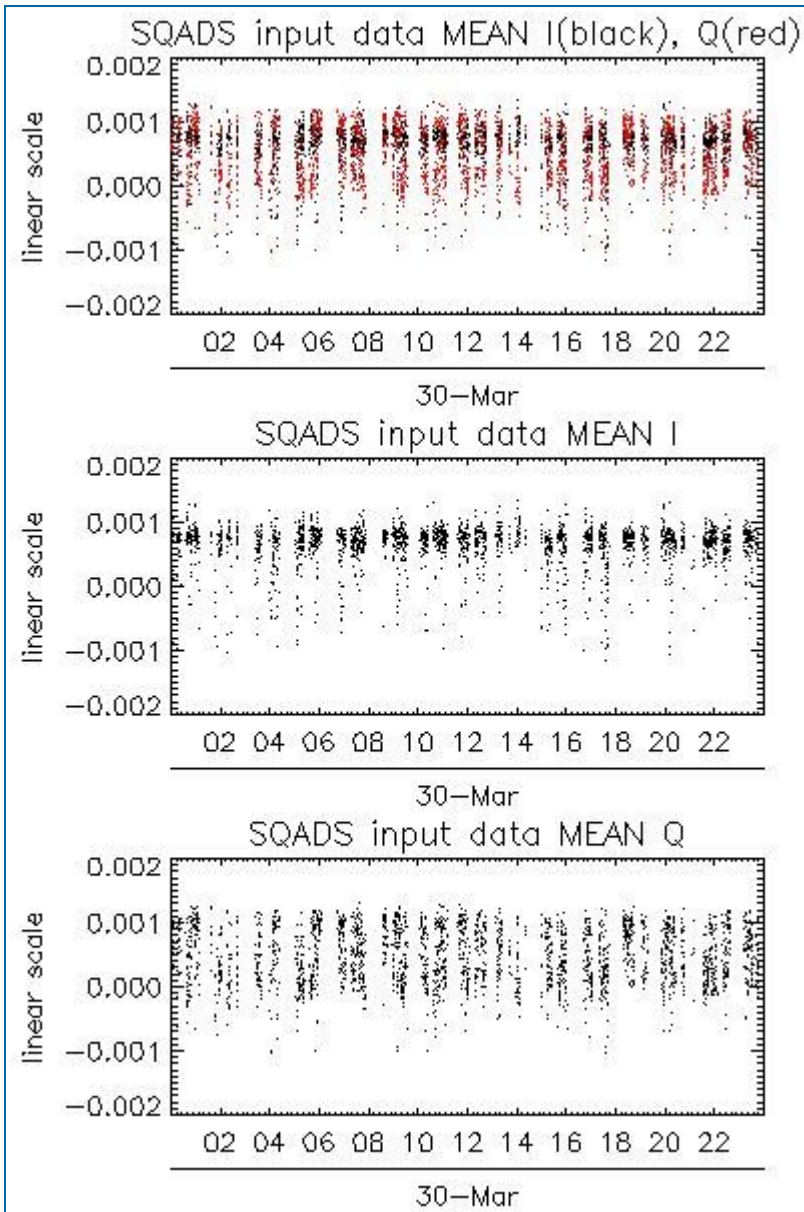


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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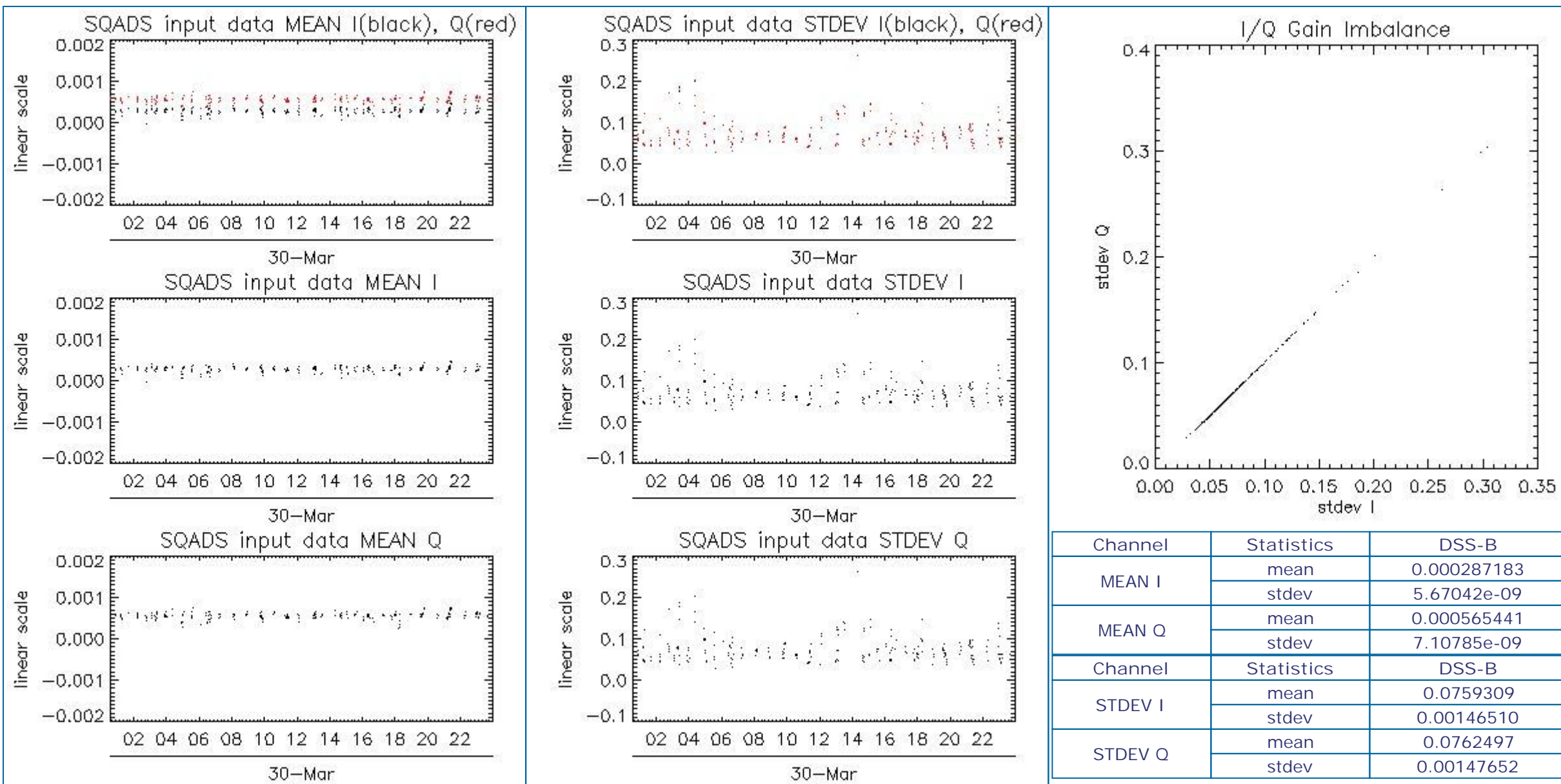


Channel	Statistics	DSS-B
MEAN I	mean	0.000646259
	stdev	1.11384e-07
MEAN Q	mean	0.000486377
	stdev	1.94463e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.153345
	stdev	0.00136560
STDEV Q	mean	0.153957
	stdev	0.00139845

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



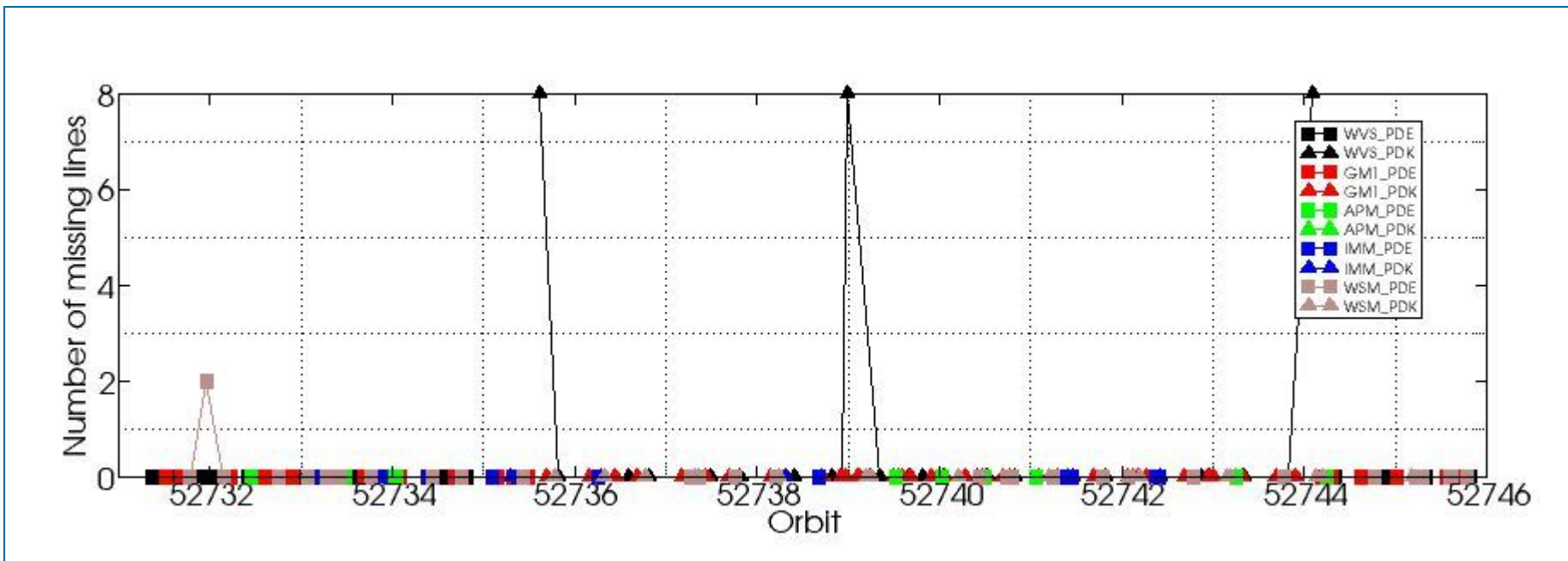


8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120330_003624_000005253113_00131_52731_7595.N1	1	0
PDE	ASA_WVS_1PNPDE20120330_021638_000001953113_00132_52732_7625.N1	1	0
PDE	ASA_WVS_1PNPDE20120330_032539_000005843113_00133_52733_7659.N1	1	0
PDE	ASA_WVS_1PNPDE20120330_050322_000007943113_00134_52734_7706.N1	1	0
PDE	ASA_WVS_1PNPDE20120330_221925_000004353113_00144_52744_7923.N1	1	0
PDE	ASA_WVS_1PNPDE20120330_235939_000004953113_00145_52745_7950.N1	1	0
PDK	ASA_WVS_1PNPDK20120330_065643_000004203113_00135_52735_5381.N1	0	8
PDK	ASA_WVS_1PNPDK20120330_123539_000005703113_00138_52738_5536.N1	0	8
PDK	ASA_WVS_1PNPDK20120330_210703_000000593113_00144_52744_5711.N1	0	8
PDE	ASA_WSM_1PNPDE20120330_005103_000002143113_00131_52731_7607.N1	0	2

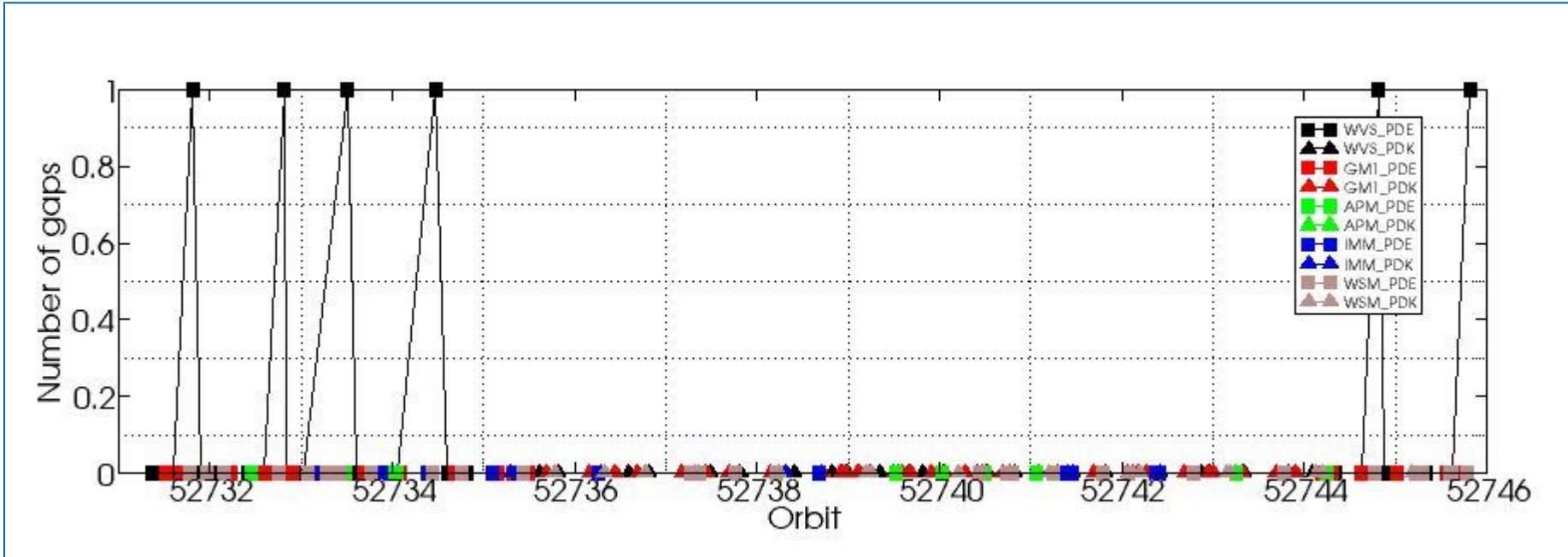
8.1 - Number of Missing lines

[BACK TO MENU]



8.2 - Number of Gaps

[[BACK TO MENU](#)]



ASAR DAILY REPORT for 120330
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-03-30 00:00:00

Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120330/

DATA SUMMARY

Summary will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120330/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120330/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120330/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120330/AUXILIARY

Creating directory ./RESULTS/DAILY/_120330/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120330*current_3_IECF_ADFs.txt
 Found list 20120330_030000_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/_120330/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120330_001506_000004653113_00131_52731_7597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_003624_000005253113_00131_52731_7595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_004424_000003593113_00131_52731_7623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_005433_000007793113_00131_52731_7634.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_013645_000001043113_00132_52732_7630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_014811_000001193113_00132_52732_7629.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_015418_000005253113_00132_52732_7626.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_021638_000001953113_00132_52732_7625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_021908_000003303113_00132_52732_7652.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_023817_000002543113_00133_52733_7661.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_032539_000005843113_00133_52733_7659.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_033509_000002553113_00133_52733_7697.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_035748_000000603113_00133_52733_7699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_040343_000008843113_00133_52733_7700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_042100_000001043113_00134_52734_7704.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_050322_000007943113_00134_52734_7706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_051621_000004353113_00134_52734_7741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_053706_000016193113_00134_52734_7749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_064528_000007053113_00135_52735_7758.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_213133_000016343113_00144_52744_7921.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_220123_000002703113_00144_52744_7919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_221925_000004353113_00144_52744_7923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_222556_000007493113_00144_52744_7943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_231201_000013043113_00145_52745_7947.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_234027_000003303113_00145_52745_7945.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120330_235939_000004953113_00145_52745_7950.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_065643_000004203113_00135_52735_5381.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_071720_000020543113_00135_52735_5386.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_083423_000005703113_00136_52736_5414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_085724_000021293113_00136_52736_5417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_100515_000011393113_00137_52737_5477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_103748_000019343113_00137_52737_5479.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_113738_000015443113_00138_52738_5527.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_121811_000005253113_00138_52738_5528.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_123025_000001343113_00138_52738_5531.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_123539_000005703113_00138_52738_5536.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_131013_000008693113_00139_52739_5567.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_134237_000001203113_00139_52739_5568.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_135825_000005103113_00139_52739_5571.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_142058_000000743113_00140_52740_5572.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_145742_000001343113_00140_52740_5606.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_150942_000009153113_00140_52740_5609.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_153917_000013043113_00140_52740_5612.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_164258_000012443113_00141_52741_5644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_171940_000013943113_00141_52741_5648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_181853_000014993113_00142_52742_5670.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_190416_000004203113_00142_52742_5672.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_191414_000001793113_00142_52742_5674.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



```
ASA_WVS_1PNPDK20120330_195128_000020543113_00143_52743_5704.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_203941_000004803113_00143_52743_5709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120330_210703_000000593113_00144_52744_5711.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_GM1.txt...

```
ASA_GM1_1PNPDE20120330_000556_000005493113_00131_52731_7599.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_002334_000005923113_00131_52731_7596.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_011732_000011543113_00132_52732_7633.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_014324_000002833113_00132_52732_7632.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_015055_000001993113_00132_52732_7631.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_020346_000004223113_00132_52732_7628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_022519_000007733113_00132_52732_7653.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7657.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7667.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7660.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7668.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_034403_000004893113_00133_52733_7698.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_035928_000002113113_00133_52733_7701.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_042331_000018313113_00134_52734_7707.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_052412_000003923113_00134_52734_7742.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_060710_000000663113_00135_52735_7743.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_061115_000008463113_00135_52735_7745.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_062856_000003023113_00135_52735_7751.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_063732_000000903113_00135_52735_7750.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_064402_000000783113_00135_52735_7759.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_211635_000000963113_00144_52744_7917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_212855_000001573113_00144_52744_7922.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_215927_000001083113_00144_52744_7920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_220631_000005073113_00144_52744_7924.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_223915_000004473113_00145_52745_7942.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_225928_000000783113_00145_52745_7948.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_233427_000001873113_00145_52745_7946.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120330_234650_000005983113_00145_52745_7949.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_070426_000005133113_00135_52735_5382.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_075222_000006223113_00136_52736_5387.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_080446_000001813113_00136_52736_5412.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_082037_000008283113_00136_52736_5413.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_084444_000004773113_00136_52736_5415.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_093345_000005433113_00137_52737_5418.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_100011_000003023113_00137_52737_5476.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_102458_000004713113_00137_52737_5478.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_111051_000003443113_00138_52738_5480.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_120803_000006043113_00138_52738_5529.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_122736_000001693113_00138_52738_5530.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_123317_000001383113_00138_52738_5532.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_124601_000001083113_00139_52739_5533.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_124906_000004653113_00139_52739_5534.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_125918_000001693113_00139_52739_5539.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_132529_000002173113_00139_52739_5564.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_133057_000003143113_00139_52739_5565.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_133614_000003803113_00139_52739_5566.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_134524_000007793113_00139_52739_5569.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_140738_000006773113_00139_52739_5570.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_142308_000008343113_00140_52740_5573.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_144454_000002413113_00140_52740_5605.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_150353_000001383113_00140_52740_5607.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_150713_000001443113_00140_52740_5608.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_152538_000003083113_00140_52740_5610.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_153418_000001753113_00140_52740_5611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_160504_000007373113_00141_52741_5613.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_162610_000005923113_00141_52741_5642.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120330_163703_000003143113_00141_52741_5643.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_170552_000006223113_00141_52741_5646.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_174338_000000963113_00142_52742_5645.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_174854_000004223113_00142_52742_5647.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_175445_000001503113_00142_52742_5667.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_180419_000005733113_00142_52742_5668.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_184608_000005923113_00142_52742_5673.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_191151_000001383113_00142_52742_5671.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_191753_000006833113_00143_52743_5675.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_194854_000001503113_00143_52743_5701.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_202619_000005493113_00143_52743_5703.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120330_204826_000011183113_00143_52743_5712.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20120330_014110_000001163113_00132_52732_7635.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_032408_000000853113_00133_52733_7651.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_041923_000000913113_00134_52734_7690.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_132909_000000883113_00139_52739_7888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_141856_000001063113_00140_52740_7889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_150612_000000433113_00140_52740_7891.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_160251_000001143113_00141_52741_7894.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_194251_000003463113_00143_52743_7910.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120330_212241_000003563113_00144_52744_7918.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120330_194227_000000573113_00143_52743_5685.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20120330_024735_000000373113_00133_52733_7655.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_040259_000000373113_00133_52733_7689.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_045400_000002693113_00134_52734_7693.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_060507_000001123113_00135_52735_7737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_063355_000002053113_00135_52735_7738.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_080244_000001123113_00136_52736_7777.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_120354_000002363113_00138_52738_7838.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_163600_000000523113_00141_52741_7898.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_164213_000000373113_00141_52741_7897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_181353_000002313113_00142_52742_7901.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120330_181759_000000463113_00142_52742_7902.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120330_062518_000002083113_00135_52735_5361.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120330_112802_000000523113_00138_52738_5495.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_120330/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20120330_003329_000001533113_00131_52731_7590.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_005103_000002143113_00131_52731_7607.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_011014_000004343113_00132_52732_7627.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_021055_000002943113_00132_52732_7624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_024317_000002453113_00133_52733_7654.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_030309_000001533113_00133_52733_7656.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDE20120330_031714_000004163113_00133_52733_7650.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_035217_000003303113_00133_52733_7688.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_045952_000002083113_00134_52734_7695.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_053048_000003363113_00134_52734_7736.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_063909_000002883113_00135_52735_7739.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_094254_000002513113_00137_52737_7808.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_095235_000001223113_00137_52737_7809.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_103255_000002753113_00137_52737_7830.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_111640_000001713113_00138_52738_7831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_150036_000001163113_00140_52740_7890.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_153052_000001903113_00140_52740_7892.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_153714_000001223113_00140_52740_7893.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_162126_000002753113_00141_52741_7896.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_171619_000001903113_00141_52741_7895.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_174520_000002083113_00142_52742_7899.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_185601_000002203113_00142_52742_7900.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_203532_000002513113_00143_52743_7909.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_221503_000002513113_00144_52744_7916.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_230053_000003733113_00145_52745_7944.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_230810_000002323113_00145_52745_7955.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_233845_000000923113_00145_52745_7958.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120330_235653_000001533113_00145_52745_7941.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_071301_000002143113_00135_52735_5392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_080752_000001533113_00136_52736_5393.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_085242_000002693113_00136_52736_5430.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_094718_000002083113_00137_52737_5432.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_095106_000001533113_00137_52737_5438.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_111947_000004833113_00138_52738_5783.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_125653_000001353113_00139_52739_5535.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_130210_000004833113_00139_52739_5545.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_143706_000004593113_00140_52740_5585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_161722_000002813113_00141_52741_5619.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_175718_000004163113_00142_52742_5656.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_193211_000000423113_00143_52743_5669.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_193258_000002083113_00143_52743_5676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_193658_000003123113_00143_52743_5686.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_210954_000003983113_00144_52744_5718.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_211821_000002263113_00144_52744_5719.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120330_225553_000002083113_00145_52745_5727.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_120330/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120330/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_120330/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1

Test product: ASA_MS__0PNPDK20120330_170420_000000163113_00141_52741_1092.N1

H



H
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120330_170420-20010209_135042.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120330_170420-20010209_135042.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120330_170420-20010209_135042.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120330_170420-20010209_135042.png

Polarization: V
 Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
 Test product: ASA_MS__0PNPDK20120330_184434_000000163113_00142_52742_1093.N1

V
 V
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120330_184434-20010209_140823.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120330_184434-20010209_140823.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120330_184434-20010209_140823.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120330_184434-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDK20120329_174105_000000163113_00127_52727_1090.N1
 Test product: ASA_MS__0PNPDK20120330_170420_000000163113_00141_52741_1092.N1

H
 H
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120330_170420-20120329_174105.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120330_170420-20120329_174105.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120330_170420-20120329_174105.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120330_170420-20120329_174105.png

Polarization: V
 Reference product: ASA_MS__0PNPDK20120329_192119_000000163113_00128_52728_1091.N1
 Test product: ASA_MS__0PNPDK20120330_184434_000000163113_00142_52742_1093.N1

V
 V
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120330_184434-20120329_192119.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120330_184434-20120329_192119.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120330_184434-20120329_192119.png
 ../../RESULTS/DAILY/_120330/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120330_184434-20120329_192119.png

MODULE_STEPPING ANALYSIS completed
 #####

CALIBRATION PULSES ANALYSIS
 #####

Creating directory ./RESULTS/DAILY/_120330/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59

Analysing products WVS IS2 V/V
 1 79297 7 79297
 Writing image ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
 Analysing products GM1 SS3 H/H
 1 40321 7 40321
 Writing image ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

 TEMPORAL EVOLUTION Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-30_1.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-30_2.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-30_3.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-30_4.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_120330//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 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-30_1.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-30_2.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-30_3.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-30 00:00:00 to 2012-03-30 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120330/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-30_4.dat...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_120330//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120330/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59

Analysing products WVS IS2 V/V

```
Getting doppler data for WVS IS2 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DOPPLER/Doppler_data_WVS_IS2_VV_2012-03-30.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120330/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...
```

```
Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DOPPLER/Doppler_data_GM1_SS1_HH_2012-03-30.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120330/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...
```

```
*****
*****
DOPPLER JUMPS Analysis will be performed on WSM products from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
```

```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/DOPPLER/Doppler_Jumps_data_WSM_2012-03-30.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120330/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_120330/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
```

```
Analysing products WVS IS2 V/V
```

```
1248
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -31.384259 Hz
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
1232
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -24.959684 Hz
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

```
Analysing products GM1 SS1 H/H
```

```
2615
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -11.020435 Hz
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
```

2435

```
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -14.345759 Hz
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120330//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120330/CHIRP...
```


CHIRP Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-03-30.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120330/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120330/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-03-30.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120330/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120330/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120330/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_120330/RAW_DATA...
```

Getting raw data for WVS from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...
Writing file ./RESULTS/DAILY/_120330/RAW_DATA/Raw_data_WVS_2012-03-30.dat...
Running IDL program to create graphs...

```
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****  
Getting raw data for IMM from 2012-03-30 00:00:00 to 2012-03-30 23:59:59...  
Writing file ./RESULTS/DAILY/_120330/RAW_DATA/Raw_data_IMM_2012-03-30.dat...  
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_IMM_input_mean.png...  
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_IMM_input_stdev.png...  
Creating image ../../RESULTS/DAILY/_120330/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

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

```
TELEMETRY ANALYSIS  
#####  
Analysis will be performed from 2012-03-30 00:00:00 to 2012-03-30 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_120330/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_120330/TELEMETRY...
```

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

```
*****
```

```
Checking 27 products from PDE...
```

```
Found product...ASA_WVS_1PNPDE20120330_003624_000005253113_00131_52731_7595.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20120330_021638_000001953113_00132_52732_7625.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20120330_032539_000005843113_00133_52733_7659.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20120330_050322_000007943113_00134_52734_7706.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20120330_221925_000004353113_00144_52744_7923.N1 / 1 gaps / 0 missing lines  
Found product...ASA_WVS_1PNPDE20120330_235939_000004953113_00145_52745_7950.N1 / 1 gaps / 0 missing lines
```

```
Checking 25 products from PDK...
```

```
Found product...ASA_WVS_1PNPDK20120330_065643_000004203113_00135_52735_5381.N1 / 0 gaps / 8 missing lines  
Found product...ASA_WVS_1PNPDK20120330_123539_000005703113_00138_52738_5536.N1 / 0 gaps / 8 missing lines  
Found product...ASA_WVS_1PNPDK20120330_210703_000000593113_00144_52744_5711.N1 / 0 gaps / 8 missing lines
```

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

```
*****
```

```
Checking 28 products from PDE...
```

```
Checking 40 products from PDK...
```

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

```
*****
```

```
Checking 9 products from PDE...
```

```
Checking 1 products from PDK...
```

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

```
*****
```

```
Checking 11 products from PDE...
```

```
Checking 2 products from PDK...
```

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

```
*****
```

```
Checking 28 products from PDE...
```

```
Found product...ASA_WSM_1PNPDE20120330_005103_000002143113_00131_52731_7607.N1 / 0 gaps / 2 missing lines
```

```
Checking 17 products from PDK...
```

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

```
*****
```

```
Creating image: ./RESULTS/DAILY/_120330/TELEMETRY/TELEMETRY_Missing_lines.png...
```

```
Creating image: ./RESULTS/DAILY/_120330/TELEMETRY/TELEMETRY_Gaps.png...
```

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

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_120330/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_1PNPDE20120330_014110_000001163113_00132_52732_7635.N1				
ASA_APM_1PNPDE20120330_032408_000000853113_00133_52733_7651.N1				
ASA_APM_1PNPDE20120330_041923_000000913113_00134_52734_7690.N1				
ASA_APM_1PNPDE20120330_132909_000000883113_00139_52739_7888.N1				
ASA_APM_1PNPDE20120330_141856_000001063113_00140_52740_7889.N1				
ASA_APM_1PNPDE20120330_150612_000000433113_00140_52740_7891.N1				
ASA_APM_1PNPDE20120330_160251_000001143113_00141_52741_7894.N1				
ASA_APM_1PNPDE20120330_194251_000003463113_00143_52743_7910.N1				
ASA_APM_1PNPDE20120330_212241_000003563113_00144_52744_7918.N1				
ASA_APM_1PNPDK20120330_194227_000000573113_00143_52743_5685.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_GM1_1PNPDE20120330_000556_000005493113_00131_52731_7599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_002334_000005923113_00131_52731_7596.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_011732_000011543113_00132_52732_7633.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_014324_000002833113_00132_52732_7632.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_015055_000001993113_00132_52732_7631.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_020346_000004223113_00132_52732_7628.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_022519_000007733113_00132_52732_7653.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7657.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7667.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_034403_000004893113_00133_52733_7698.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_035928_000002113113_00133_52733_7701.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_042331_000018313113_00134_52734_7707.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_052412_000003923113_00134_52734_7742.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_060710_00000663113_00135_52735_7743.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_061115_000008463113_00135_52735_7745.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_062856_000003023113_00135_52735_7751.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_063732_00000903113_00135_52735_7750.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_064402_00000783113_00135_52735_7759.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_211635_00000963113_00144_52744_7917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_212855_000001573113_00144_52744_7922.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_215927_000001083113_00144_52744_7920.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_220631_000005073113_00144_52744_7924.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_223915_000004473113_00145_52745_7942.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_225928_00000783113_00145_52745_7948.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_233427_000001873113_00145_52745_7946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120330_234650_000005983113_00145_52745_7949.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_070426_000005133113_00135_52735_5382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_075222_000006223113_00136_52736_5387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_080446_000001813113_00136_52736_5412.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_082037_000008283113_00136_52736_5413.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_084444_000004773113_00136_52736_5415.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_093345_000005433113_00137_52737_5418.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_100011_000003023113_00137_52737_5476.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_102458_000004713113_00137_52737_5478.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_111051_000003443113_00138_52738_5480.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_120803_000006043113_00138_52738_5529.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_122736_000001693113_00138_52738_5530.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_123317_000001383113_00138_52738_5532.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_124601_000001083113_00139_52739_5533.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_124906_000004653113_00139_52739_5534.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_125918_000001693113_00139_52739_5539.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_132529_000002173113_00139_52739_5564.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_133057_000003143113_00139_52739_5565.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_133614_000003803113_00139_52739_5566.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_134524_000007793113_00139_52739_5569.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_140738_000006773113_00139_52739_5570.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_142308_000008343113_00140_52740_5573.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_144454_000002413113_00140_52740_5605.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_150353_000001383113_00140_52740_5607.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_150713_000001443113_00140_52740_5608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_152538_000003083113_00140_52740_5610.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_153418_000001753113_00140_52740_5611.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_160504_000007373113_00141_52741_5613.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_162610_000005923113_00141_52741_5642.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_163703_000003143113_00141_52741_5643.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_170552_000006223113_00141_52741_5646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_174338_00000963113_00142_52742_5645.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_174854_000004223113_00142_52742_5647.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_175445_000001503113_00142_52742_5667.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_180419_000005733113_00142_52742_5668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_184608_000005923113_00142_52742_5673.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_191151_000001383113_00142_52742_5671.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120330_191753_000006833113_00143_52743_5675.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_194854_000001503113_00143_52743_5701.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_202619_000005493113_00143_52743_5703.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120330_204826_000011183113_00143_52743_5712.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_1PNPDE20120330_024735_000000373113_00133_52733_7655.N1				
ASA_IMM_1PNPDE20120330_040259_000000373113_00133_52733_7689.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_045400_000002693113_00134_52734_7693.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_060507_000001123113_00135_52735_7737.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_063355_000002053113_00135_52735_7738.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_080244_000001123113_00136_52736_7777.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_120354_000002363113_00138_52738_7838.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_163600_000000523113_00141_52741_7898.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_164213_000000373113_00141_52741_7897.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_181353_000002313113_00142_52742_7901.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120330_181759_000000463113_00142_52742_7902.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120330_062518_000002083113_00135_52735_5361.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120330_112802_000000523113_00138_52738_5495.N1	OK	OK	OK	OK

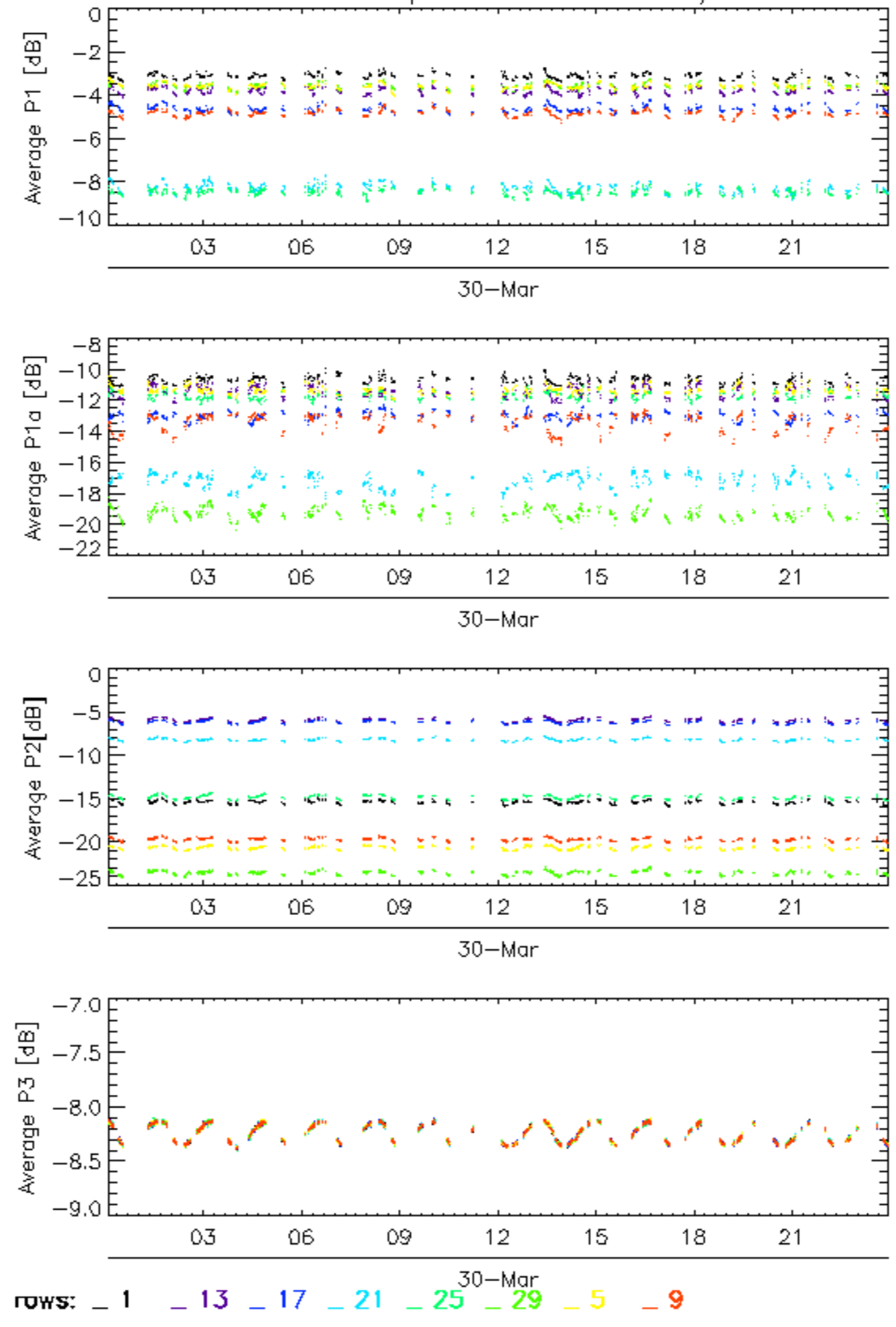
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120330_003329_000001533113_00131_52731_7590.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_005103_000002143113_00131_52731_7607.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_011014_000004343113_00132_52732_7627.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_021055_000002943113_00132_52732_7624.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_024317_000002453113_00133_52733_7654.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_030309_000001533113_00133_52733_7656.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_031714_000004163113_00133_52733_7650.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_035217_000003303113_00133_52733_7688.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_045952_000002083113_00134_52734_7695.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_053048_000003363113_00134_52734_7736.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_063909_000002883113_00135_52735_7739.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_094254_000002513113_00137_52737_7808.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_095235_000001223113_00137_52737_7809.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_103255_000002753113_00137_52737_7830.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_111640_000001713113_00138_52738_7831.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_150036_000001163113_00140_52740_7890.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_153052_000001903113_00140_52740_7892.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_153714_000001223113_00140_52740_7893.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_162126_000002753113_00141_52741_7896.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_171619_000001903113_00141_52741_7895.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_174520_000002083113_00142_52742_7899.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_185601_000002203113_00142_52742_7900.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_203532_000002513113_00143_52743_7909.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_221503_000002513113_00144_52744_7916.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_230053_000003733113_00145_52745_7944.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_230810_000002323113_00145_52745_7955.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_233845_000000923113_00145_52745_7958.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120330_235653_000001533113_00145_52745_7941.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_071301_000002143113_00135_52735_5392.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_080752_000001533113_00136_52736_5393.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_085242_000002693113_00136_52736_5430.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_094718_000002083113_00137_52737_5432.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_095106_000001533113_00137_52737_5438.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_111947_000004833113_00138_52738_5783.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_125653_000001353113_00139_52739_5535.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_130210_000004833113_00139_52739_5545.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_143706_000004593113_00140_52740_5585.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_161722_000002813113_00141_52741_5619.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_175718_000004163113_00142_52742_5656.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_193211_000000423113_00143_52743_5669.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_193258_000002083113_00143_52743_5676.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_193658_000003123113_00143_52743_5686.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_210954_000003983113_00144_52744_5718.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_211821_000002263113_00144_52744_5719.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120330_225553_000002083113_00145_52745_5727.N1					OK	OK	OK	OK

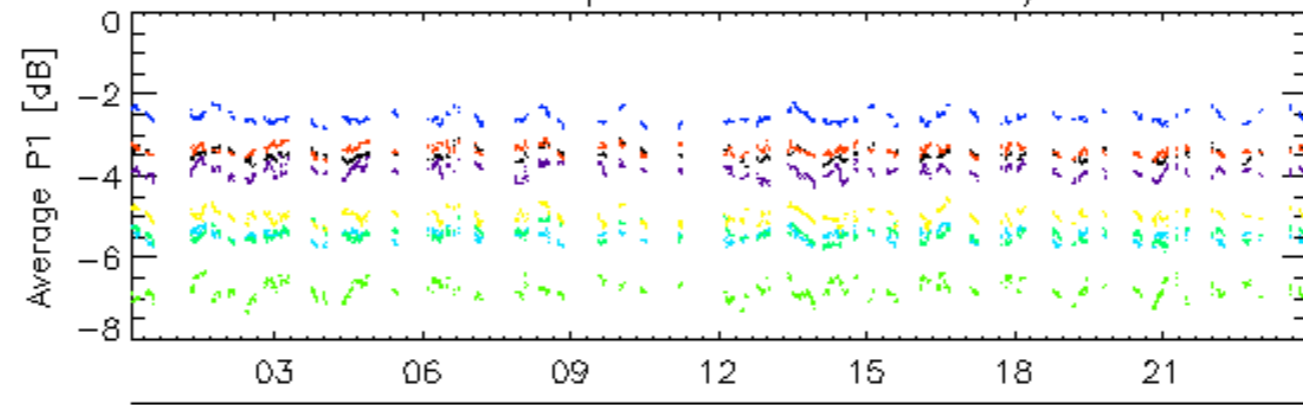
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20120330_001506_000004653113_00131_52731_7597.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_003624_000005253113_00131_52731_7595.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_004424_000003593113_00131_52731_7623.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_005433_000007793113_00131_52731_7634.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_013645_000001043113_00132_52732_7630.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_014811_000001193113_00132_52732_7629.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_015418_000005253113_00132_52732_7626.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_021638_000001953113_00132_52732_7625.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_021908_000003303113_00132_52732_7652.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_023817_000002543113_00133_52733_7661.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_032539_000005843113_00133_52733_7659.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_033509_000002553113_00133_52733_7697.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120330_035748_000000603113_00133_52733_7699.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120330_181853_000014993113_00142_52742_5670.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120330_190416_000004203113_00142_52742_5672.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120330_191414_000001793113_00142_52742_5674.N1					OK	OK	OK	OK
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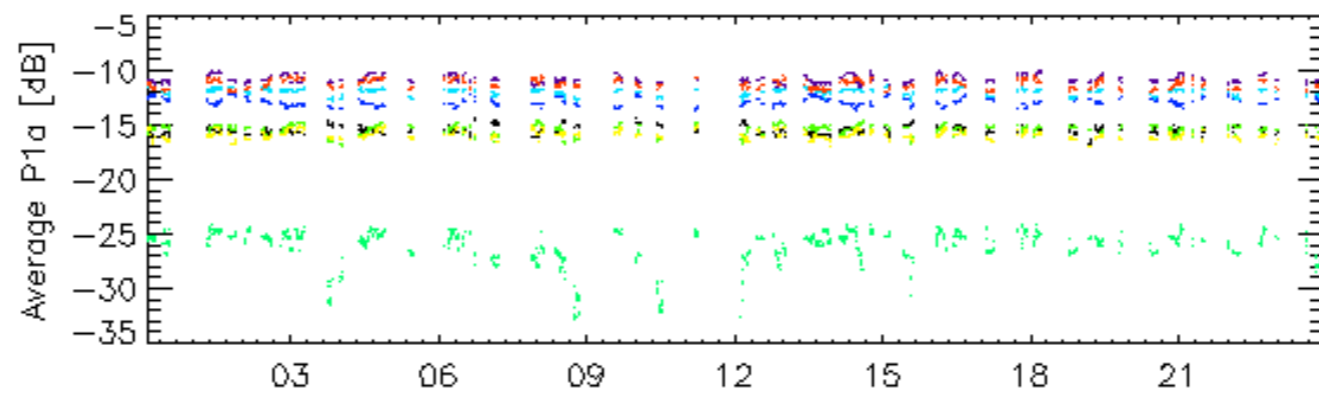
Calibration pulses for GM1 SS3 H/H



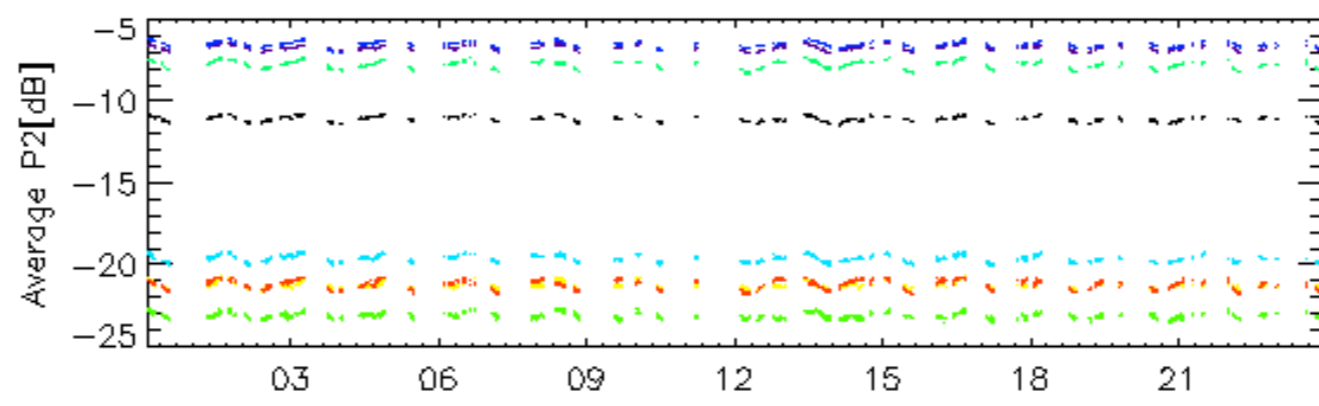
Calibration pulses for GM1 SS3 H/H



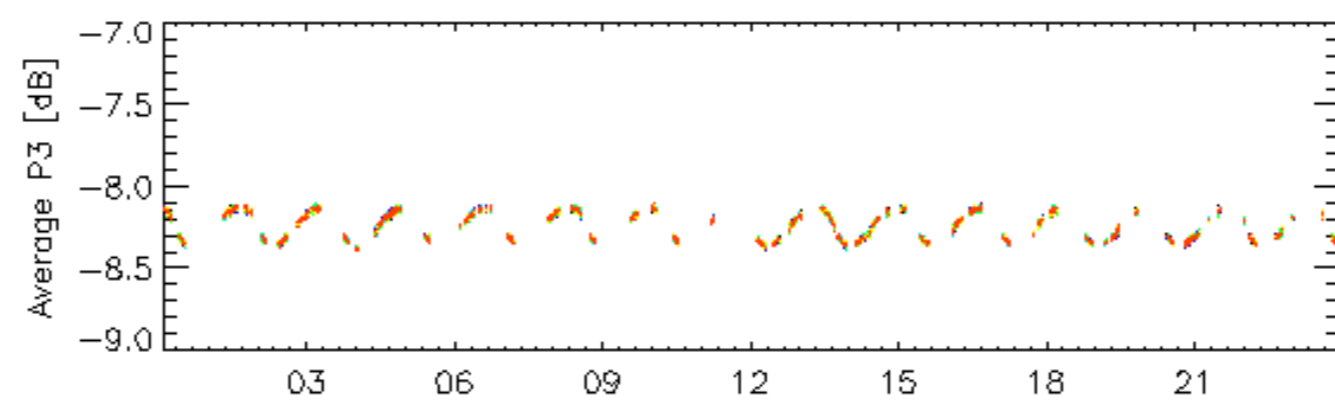
30-Mar



30-Mar



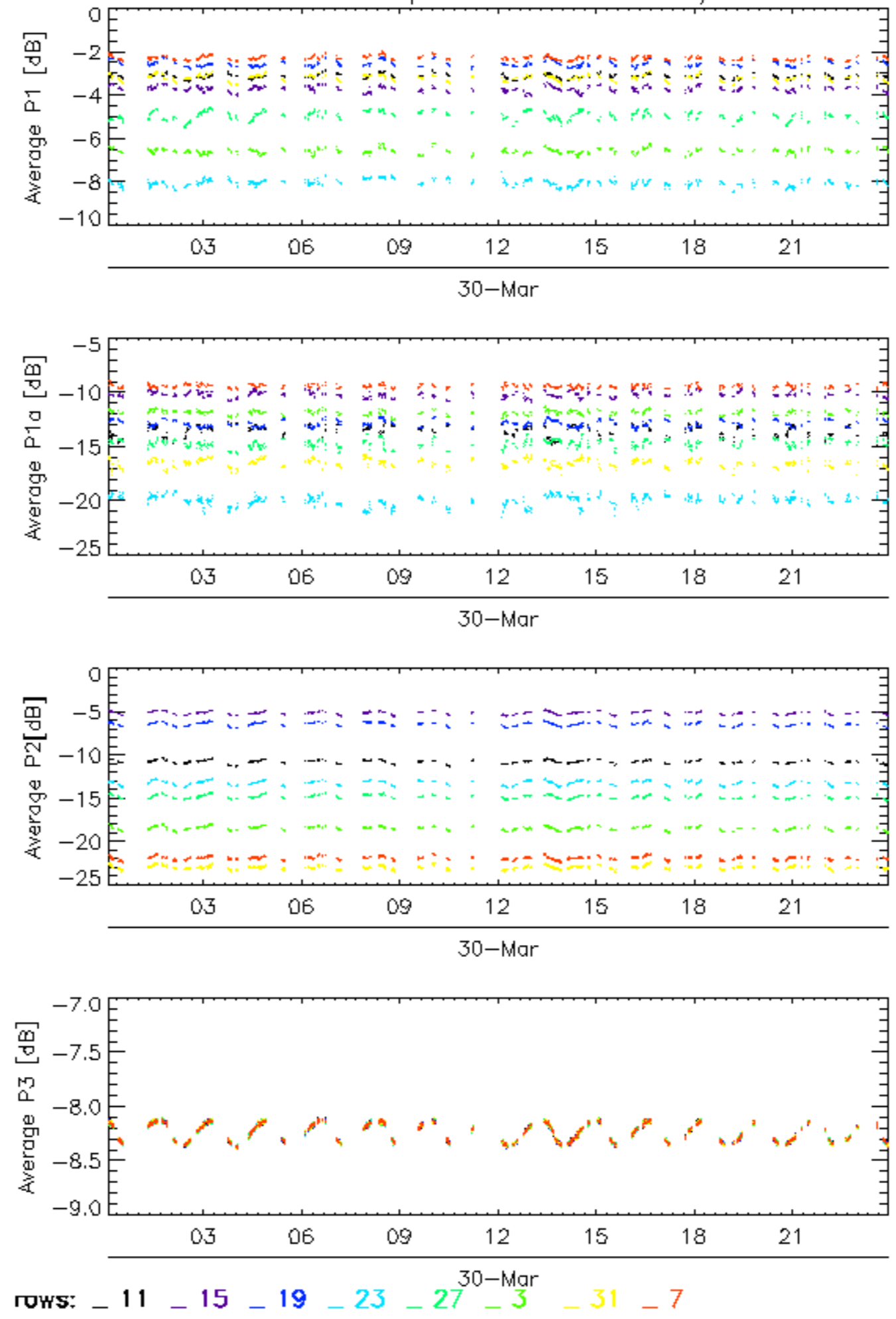
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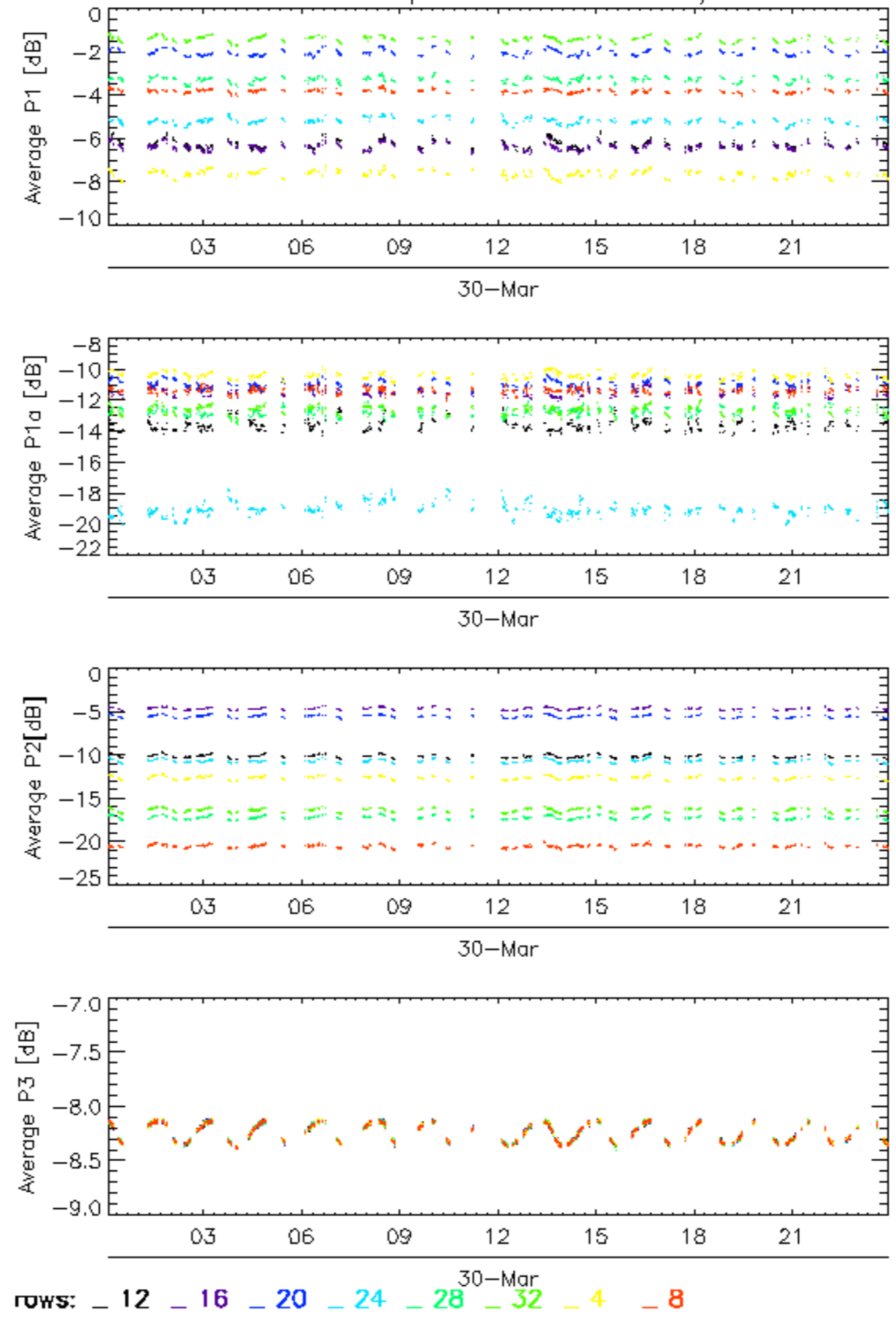
30-Mar

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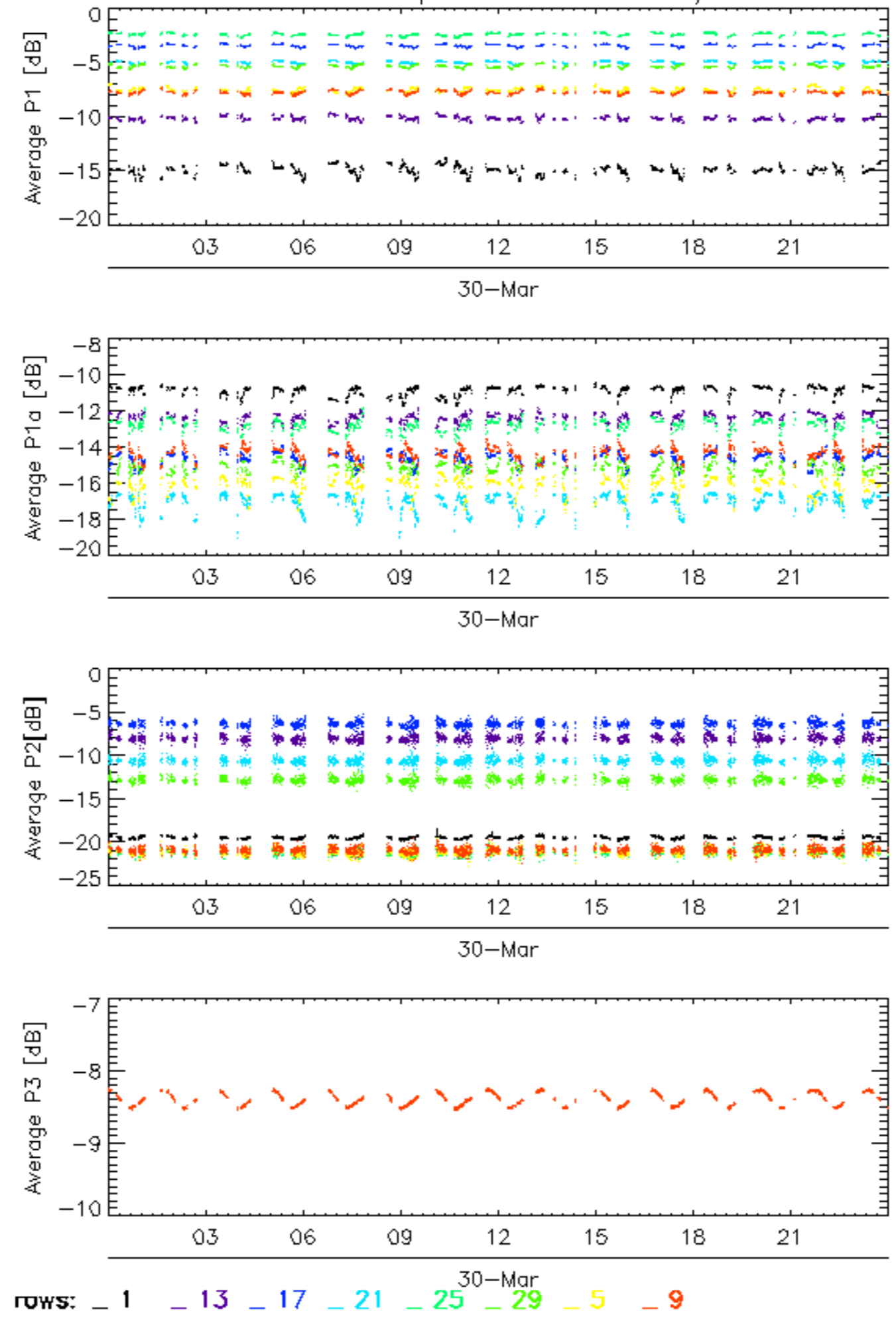
Calibration pulses for GM1 SS3 H/H



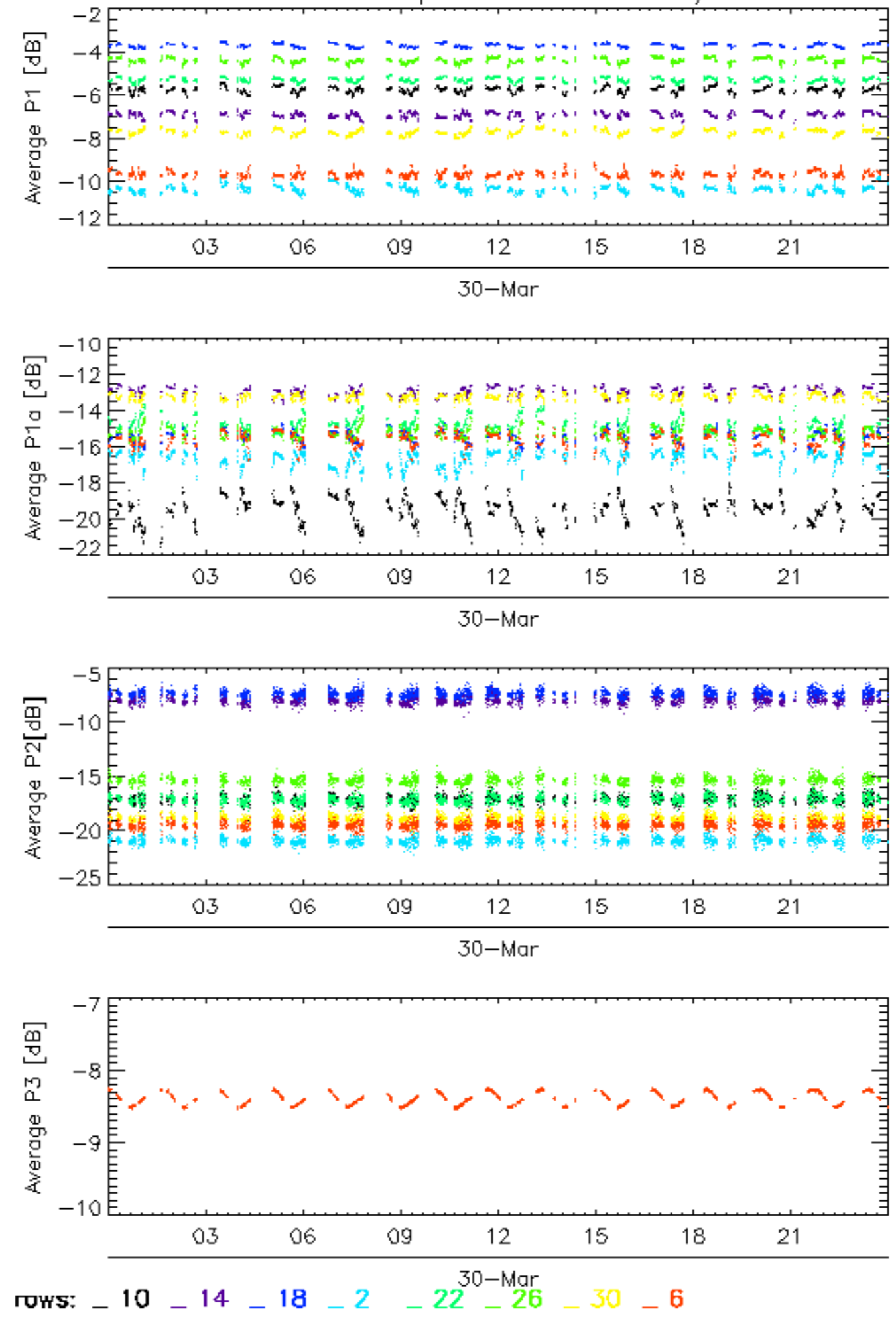
Calibration pulses for GM1 SS3 H/H



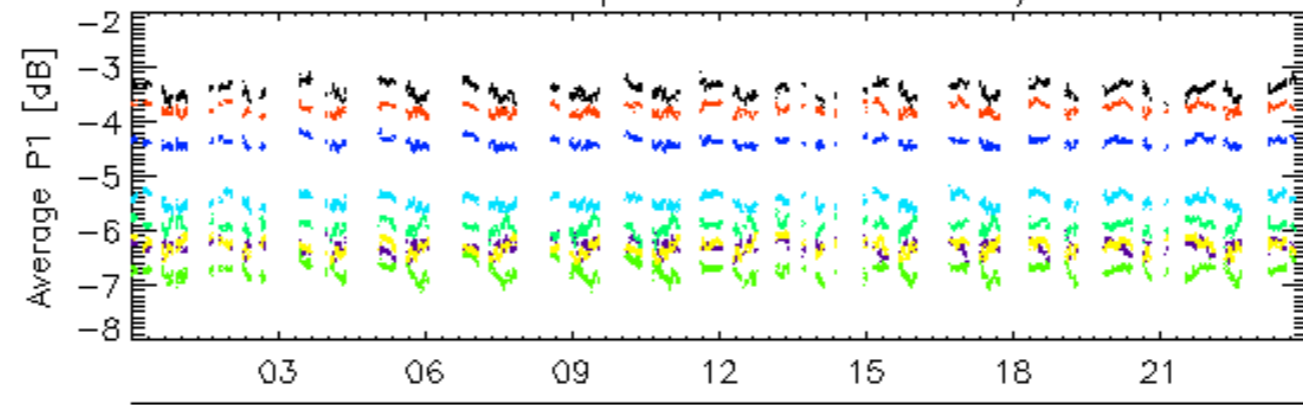
Calibration pulses for WVS IS2 V/V



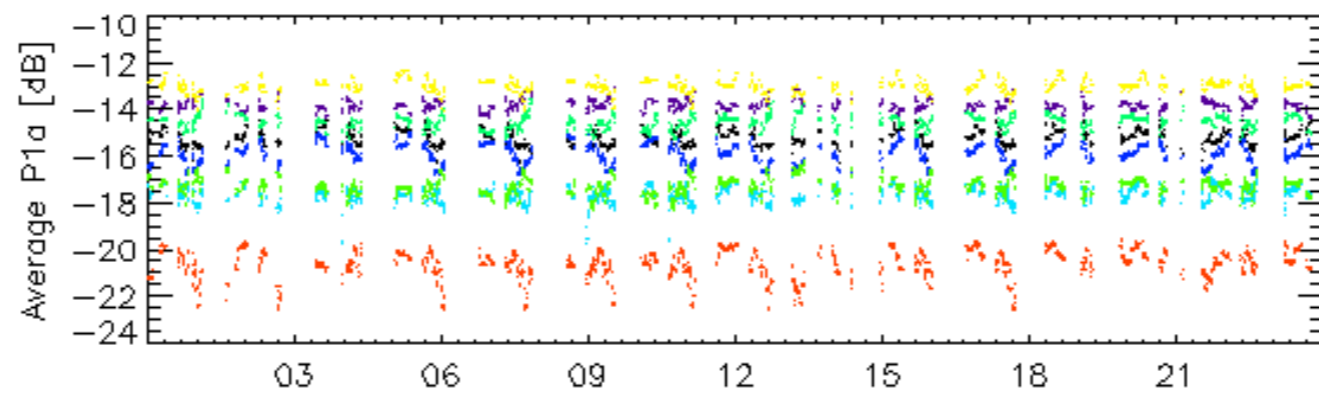
Calibration pulses for WVS IS2 V/V



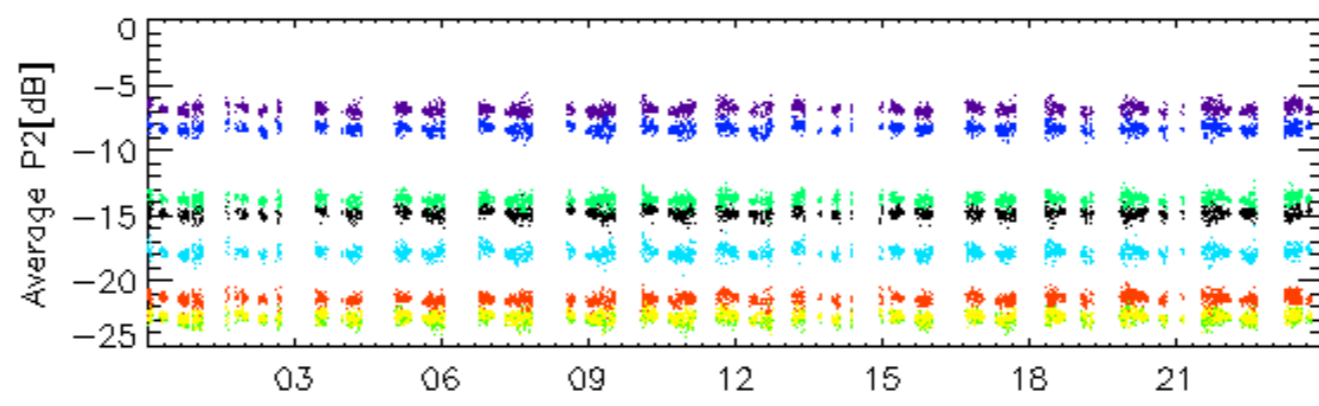
Calibration pulses for WVS IS2 V/V



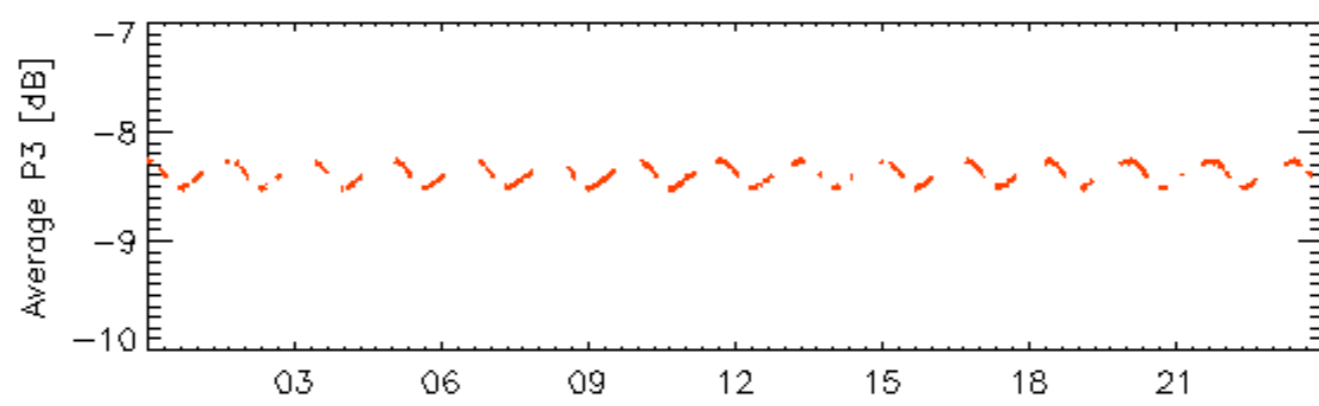
30-Mar



30-Mar



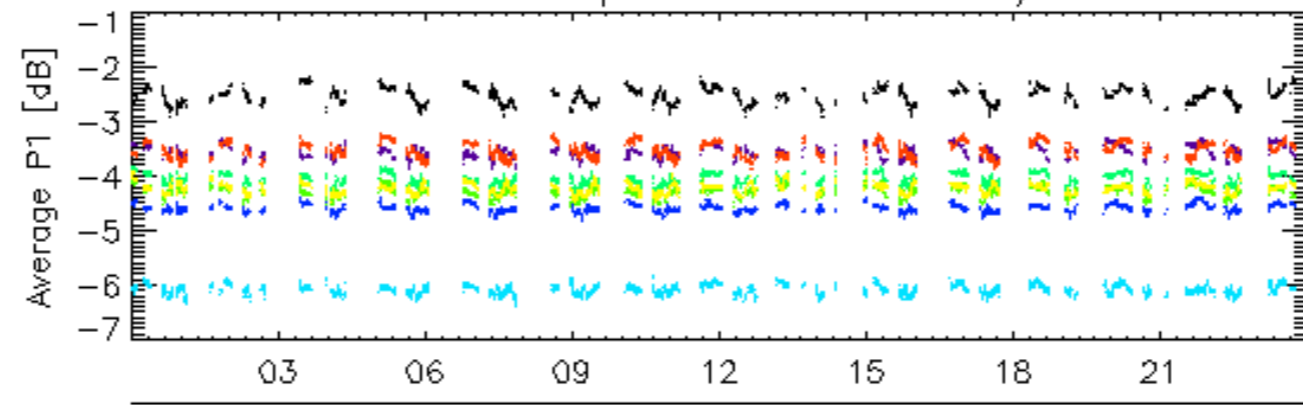
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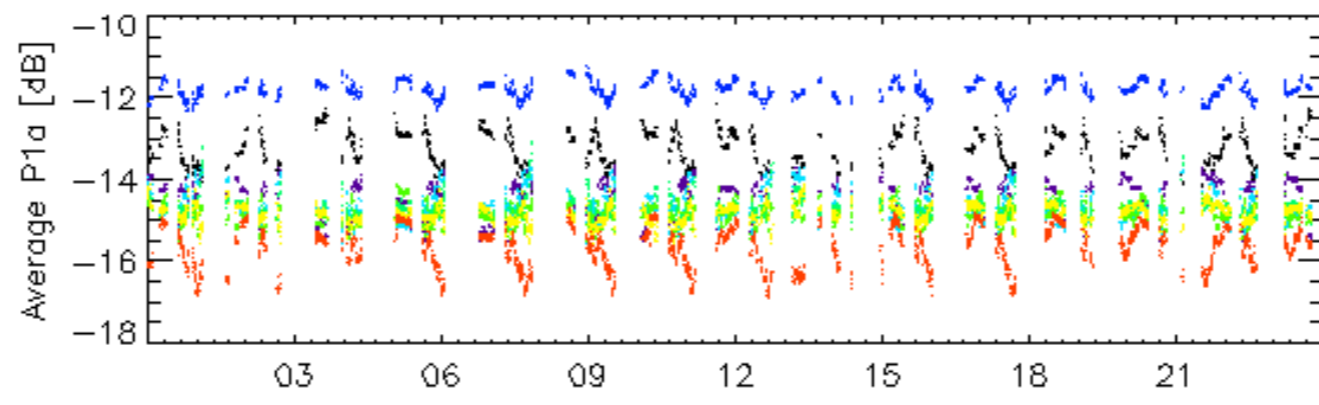
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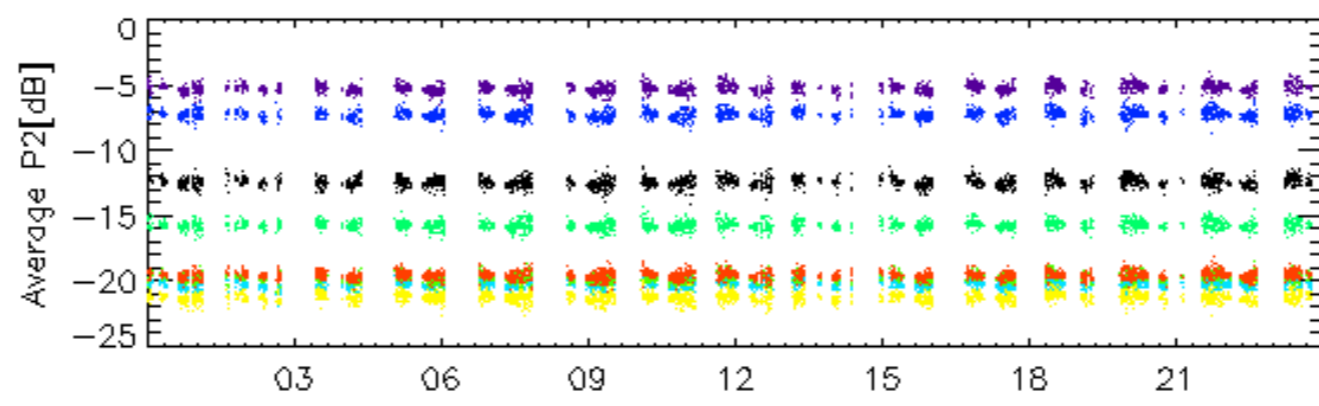
Calibration pulses for WVS IS2 V/V



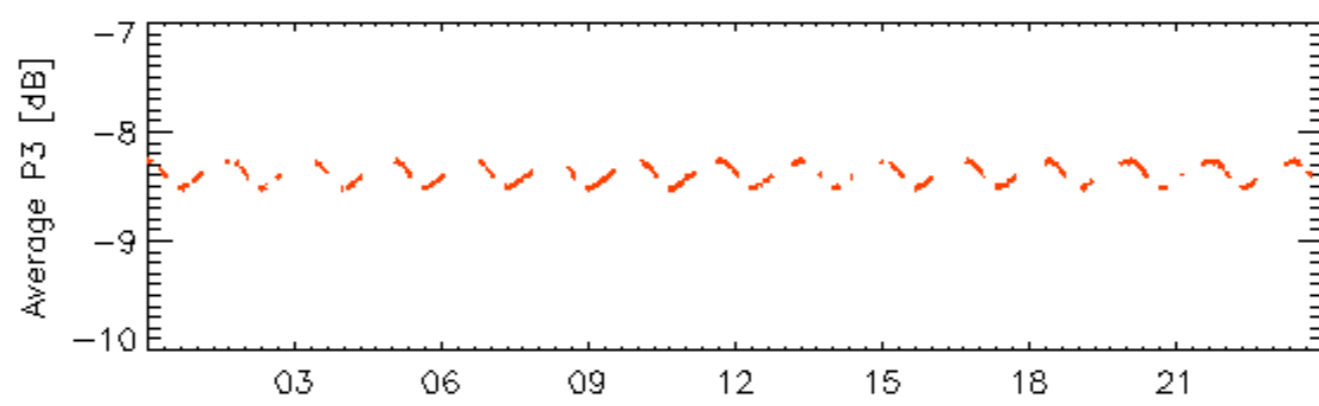
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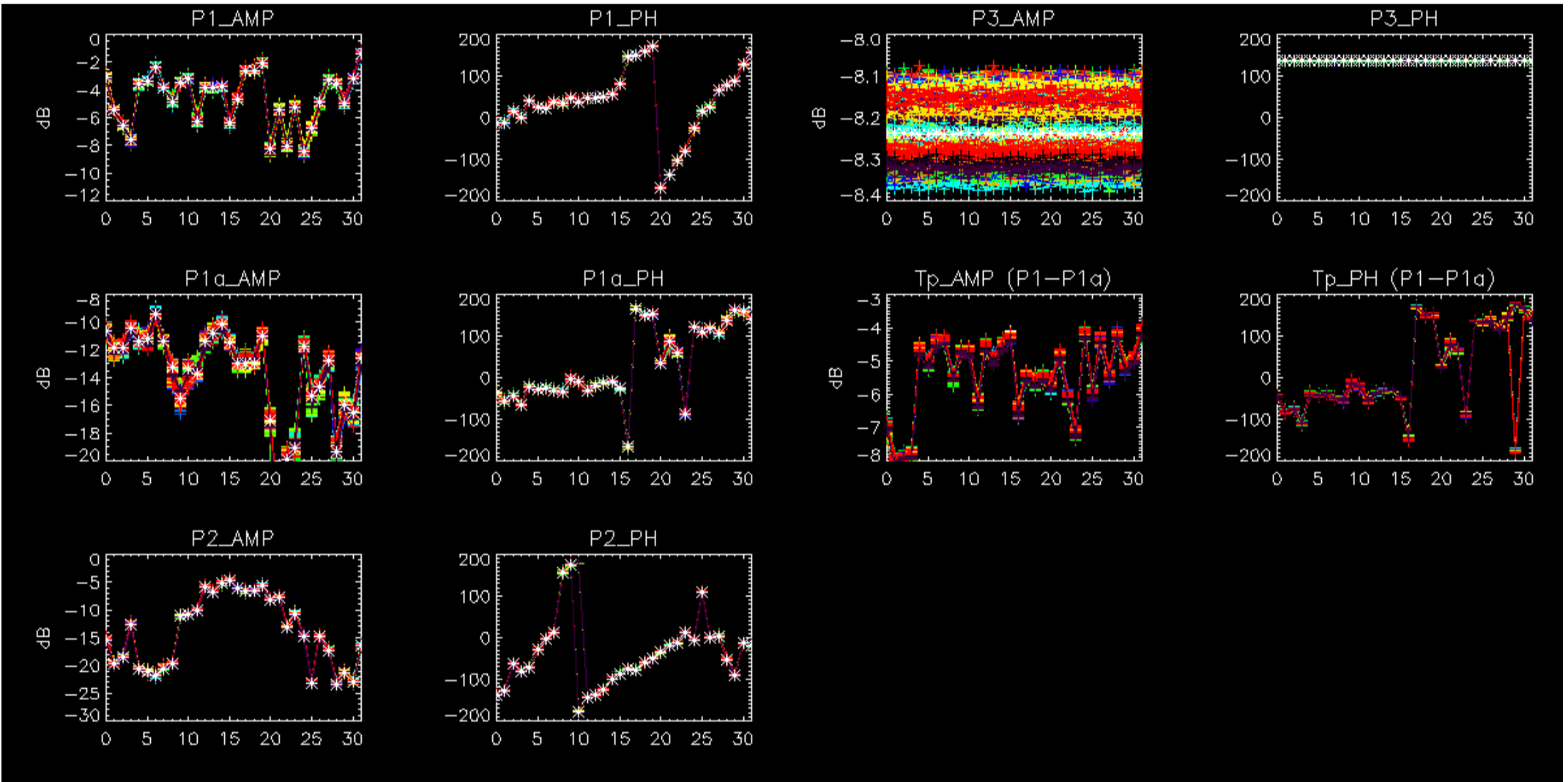
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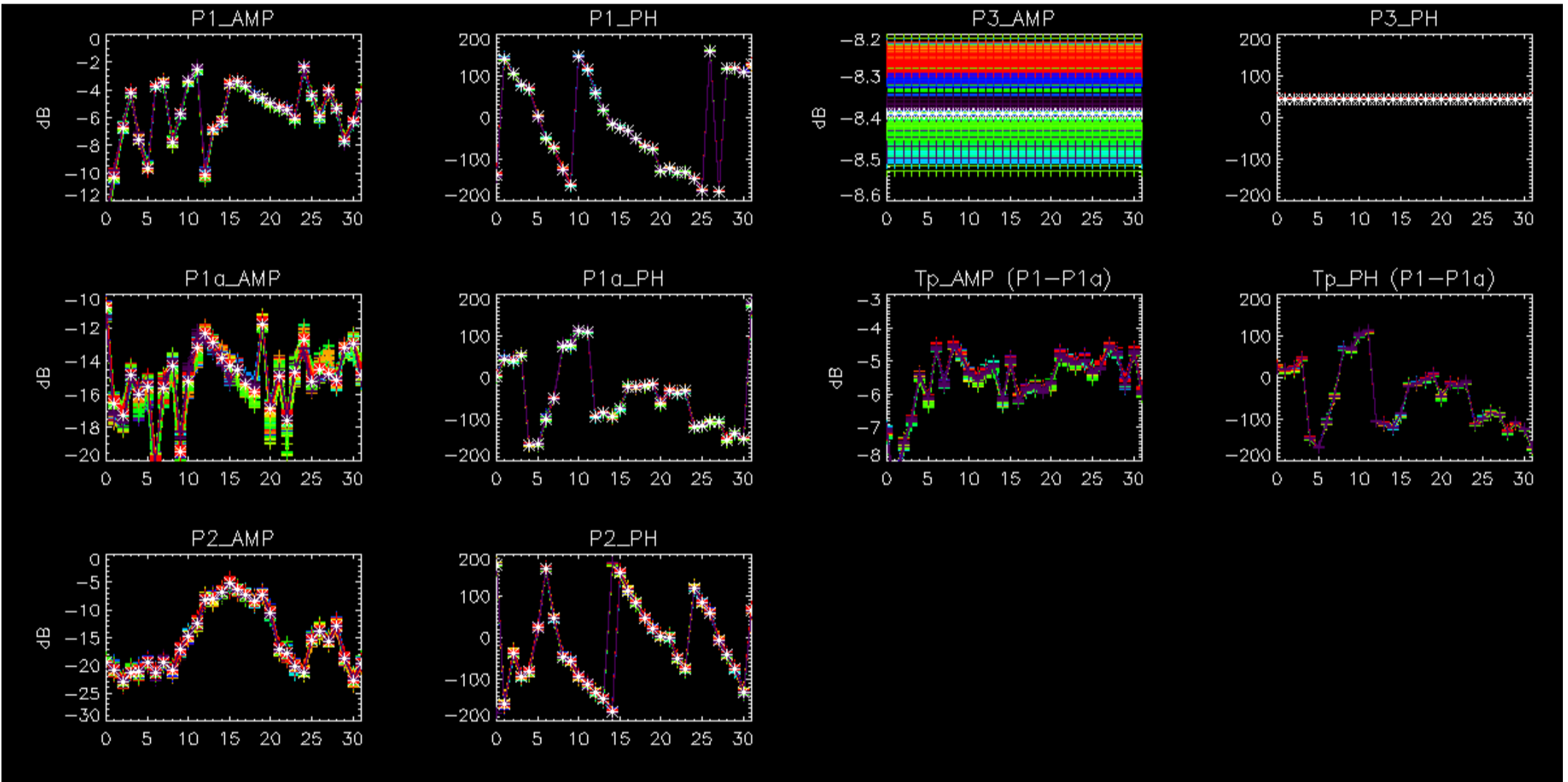


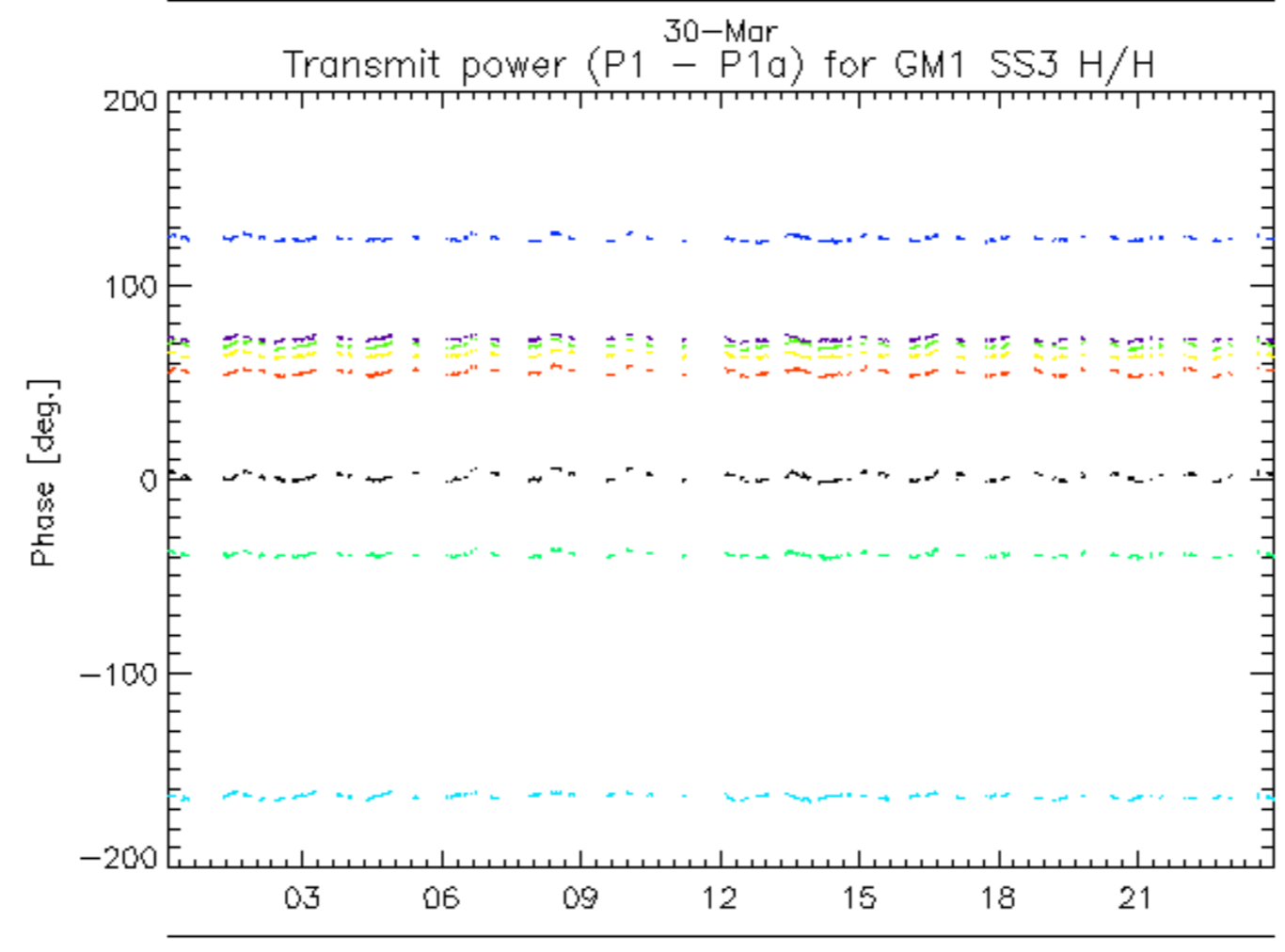
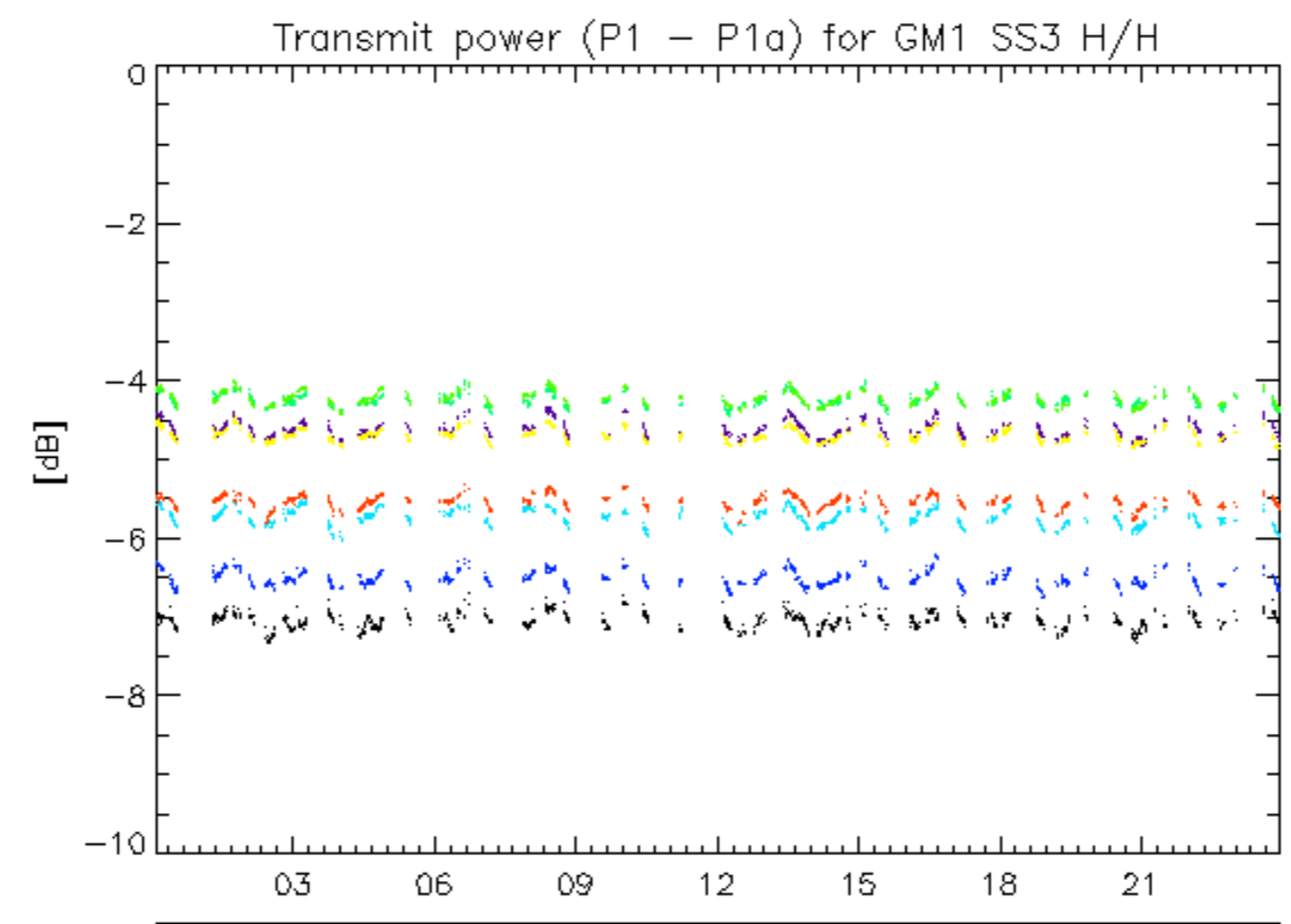
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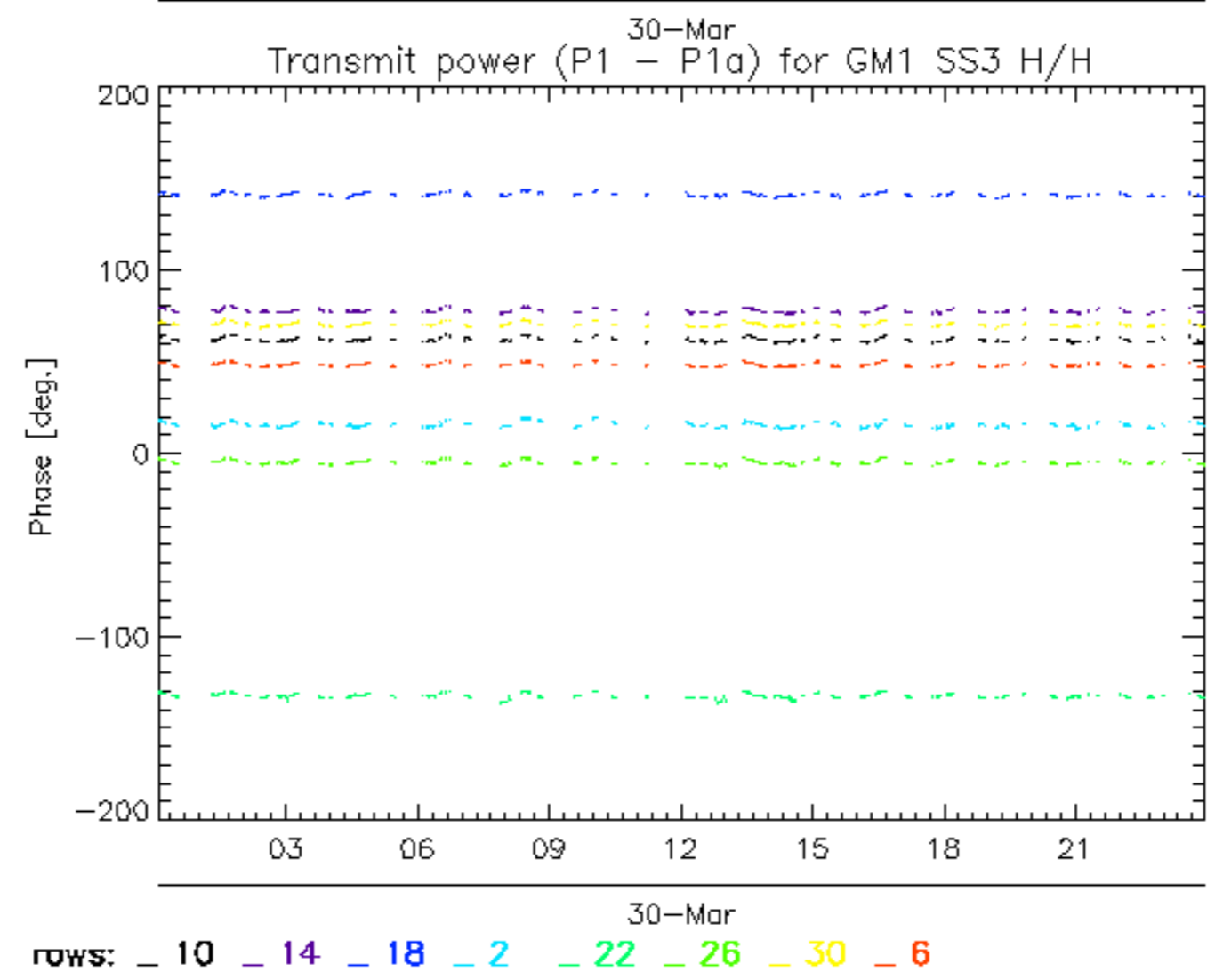
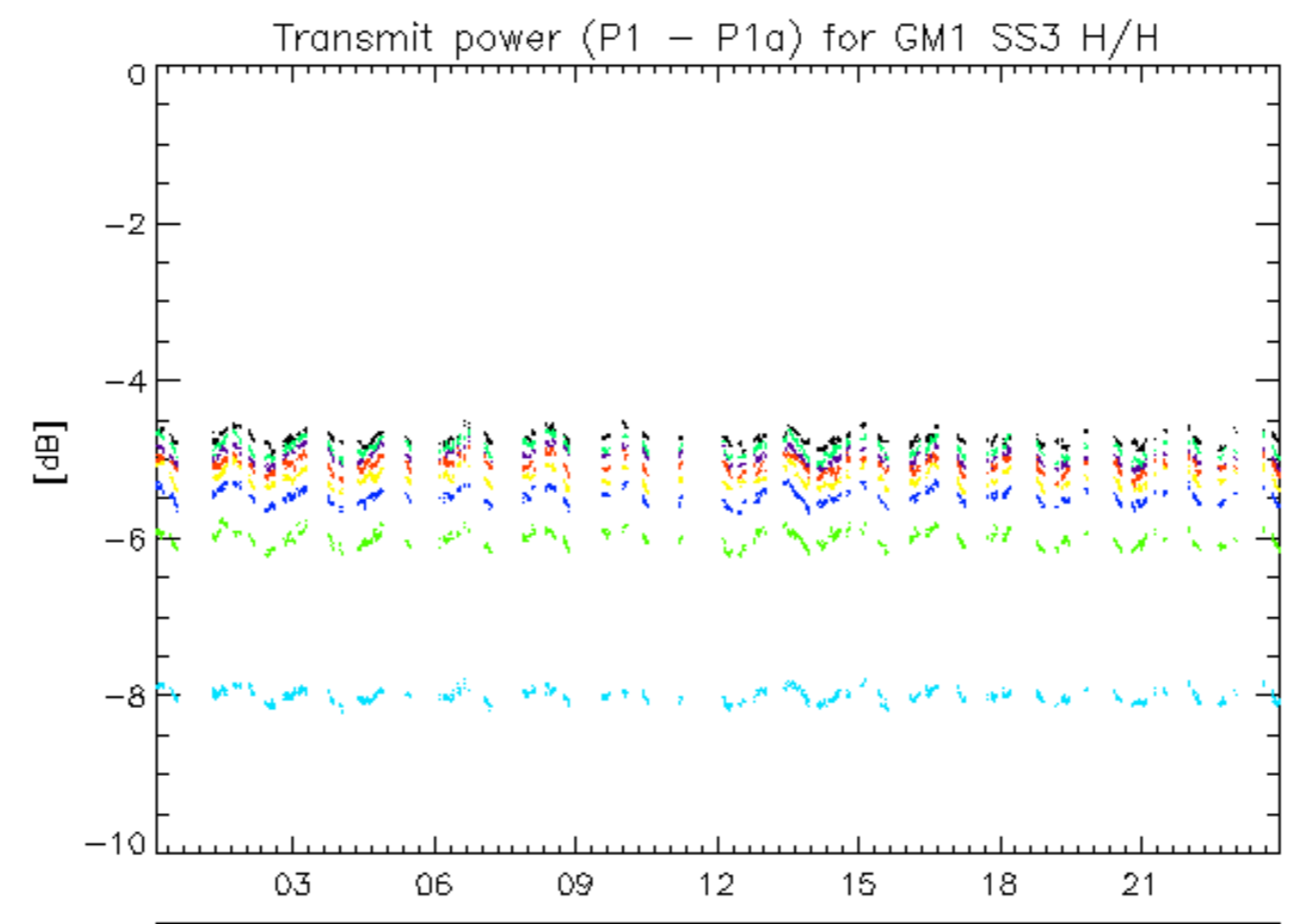
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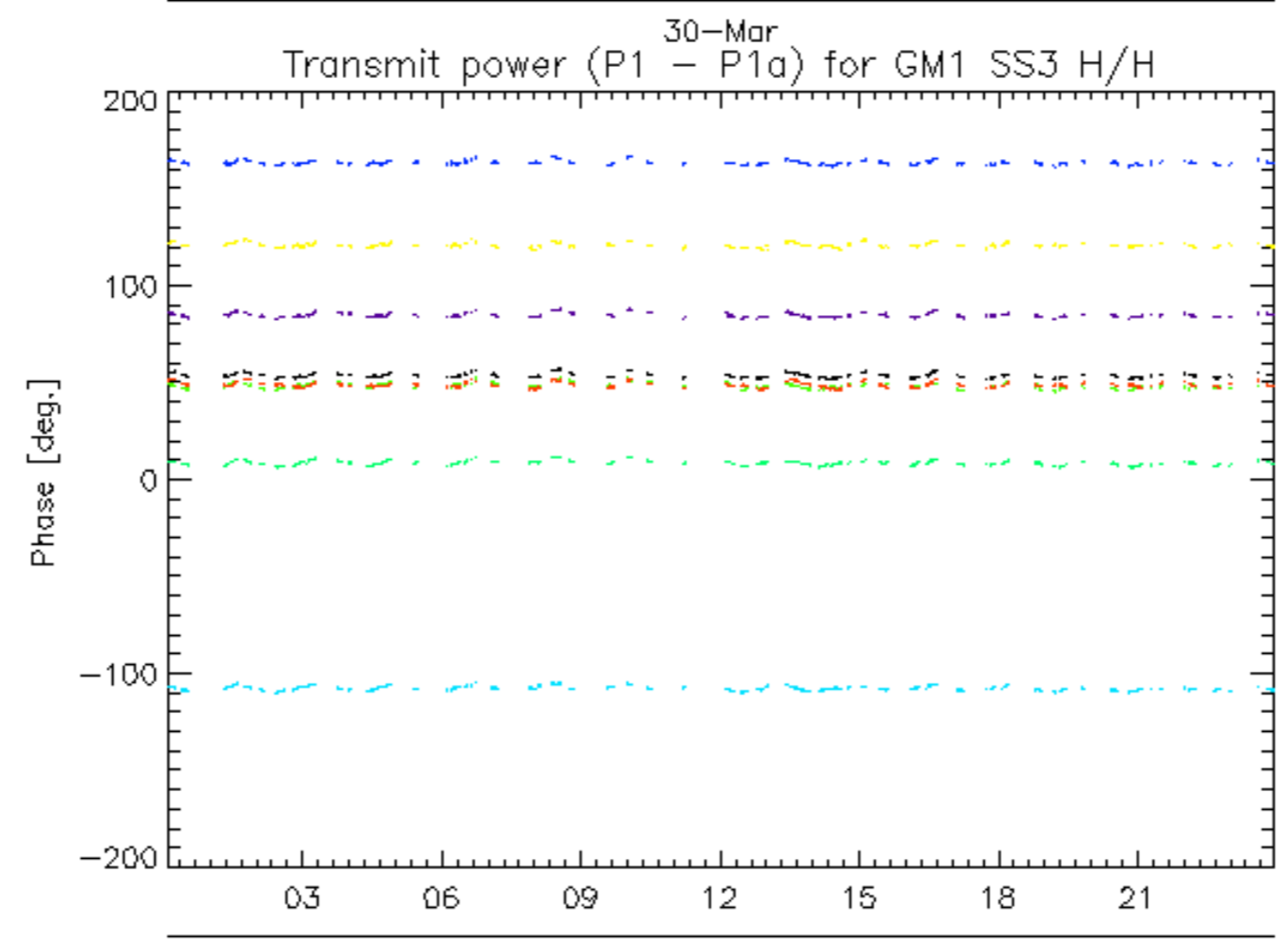
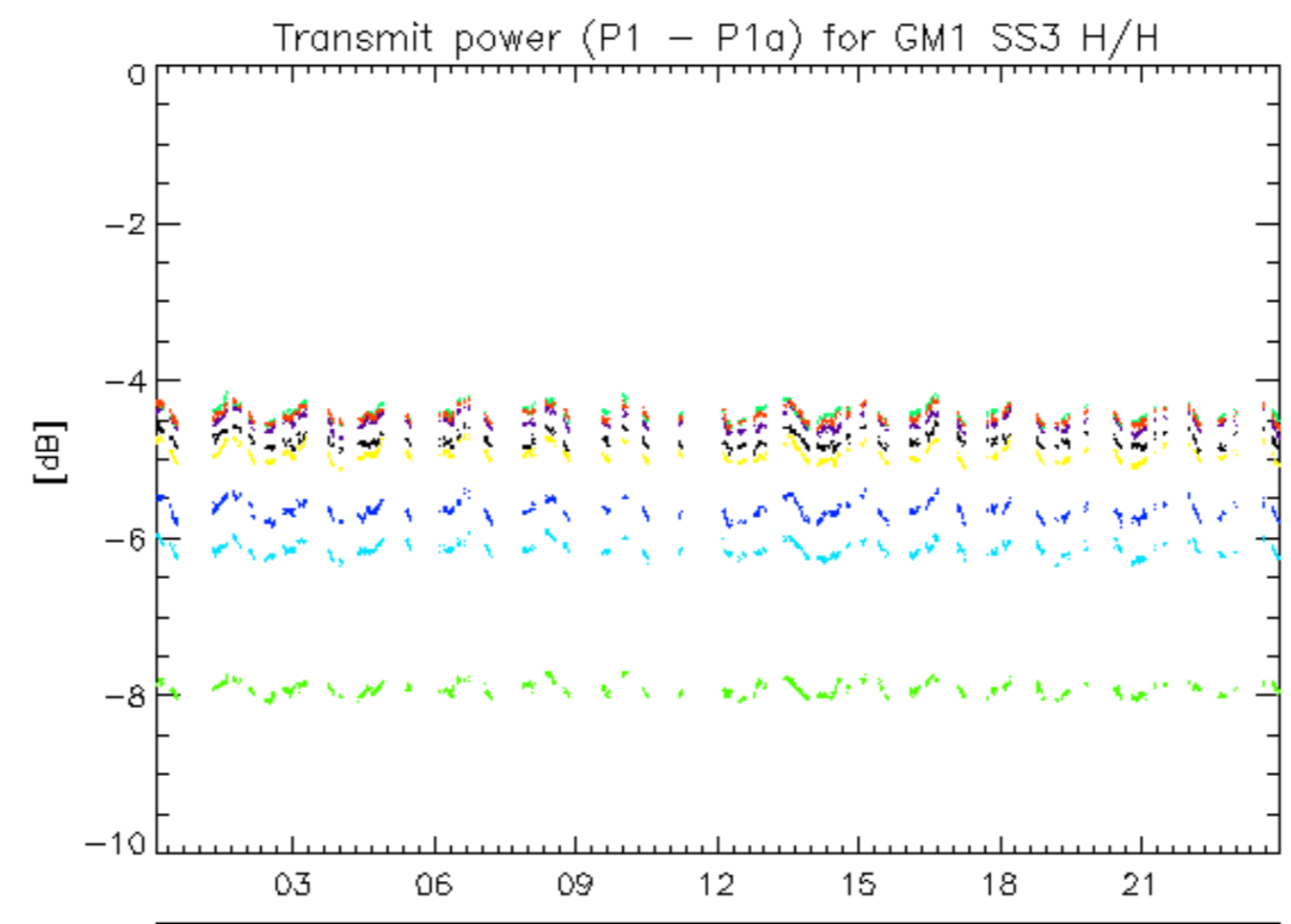




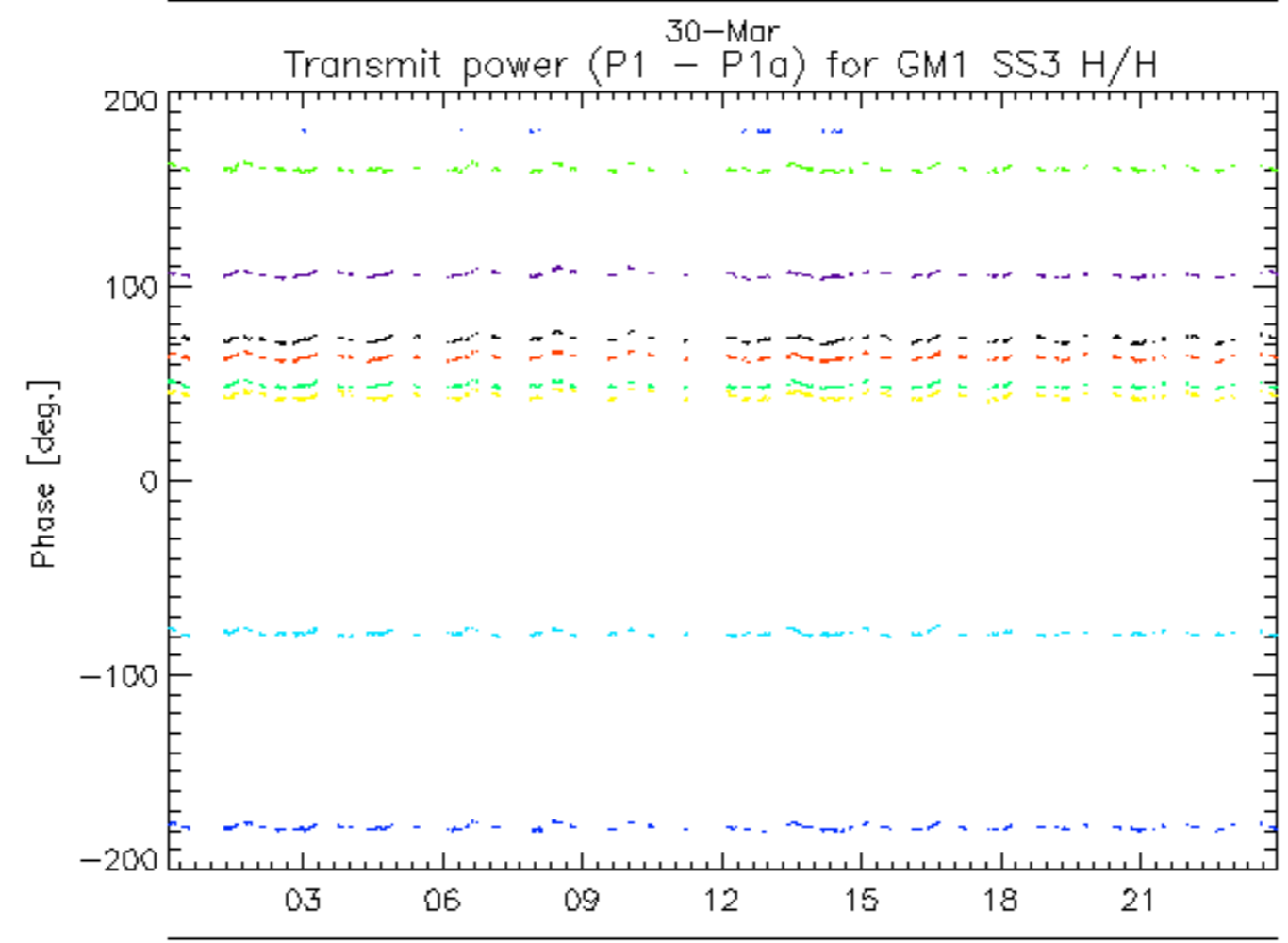
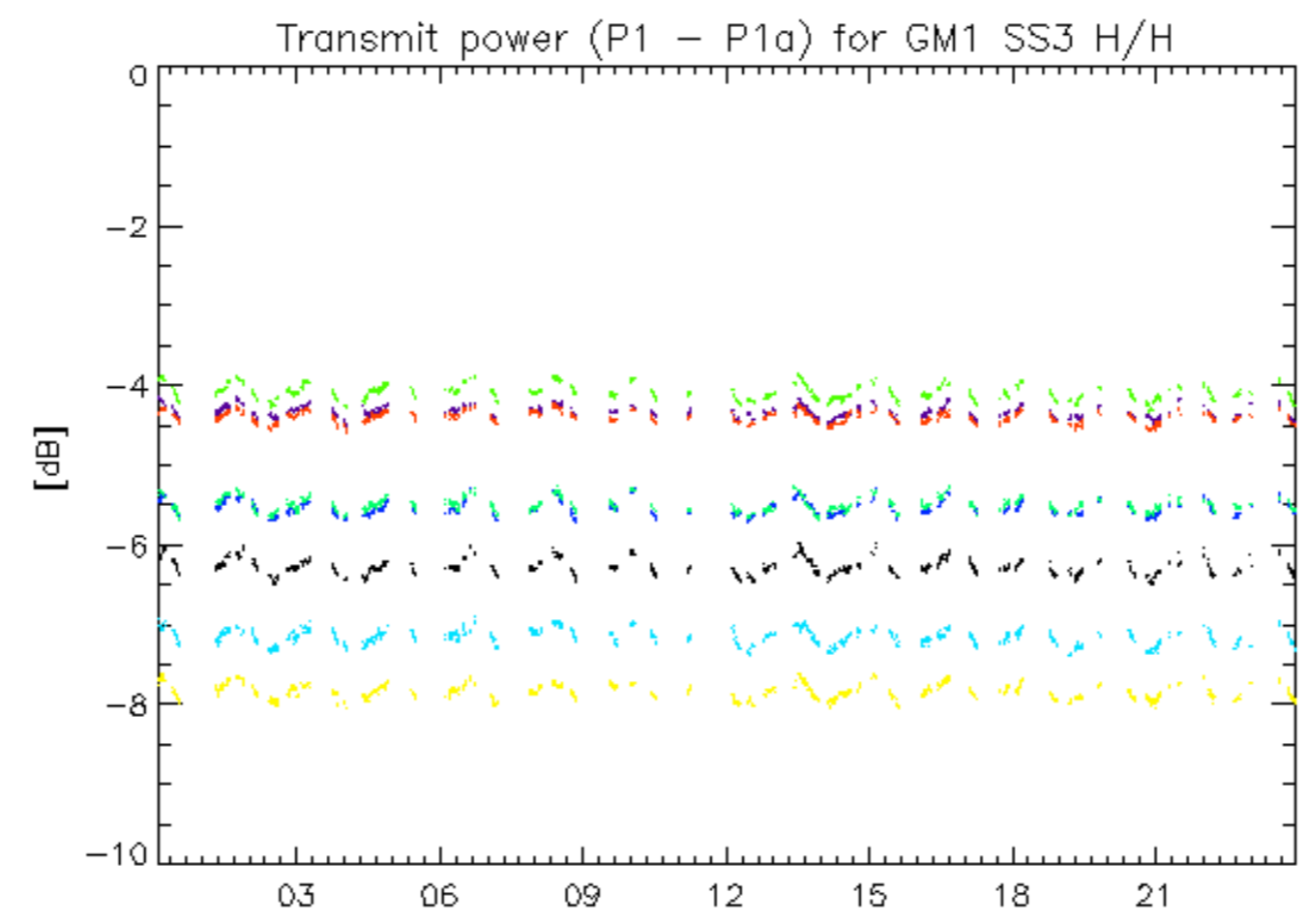


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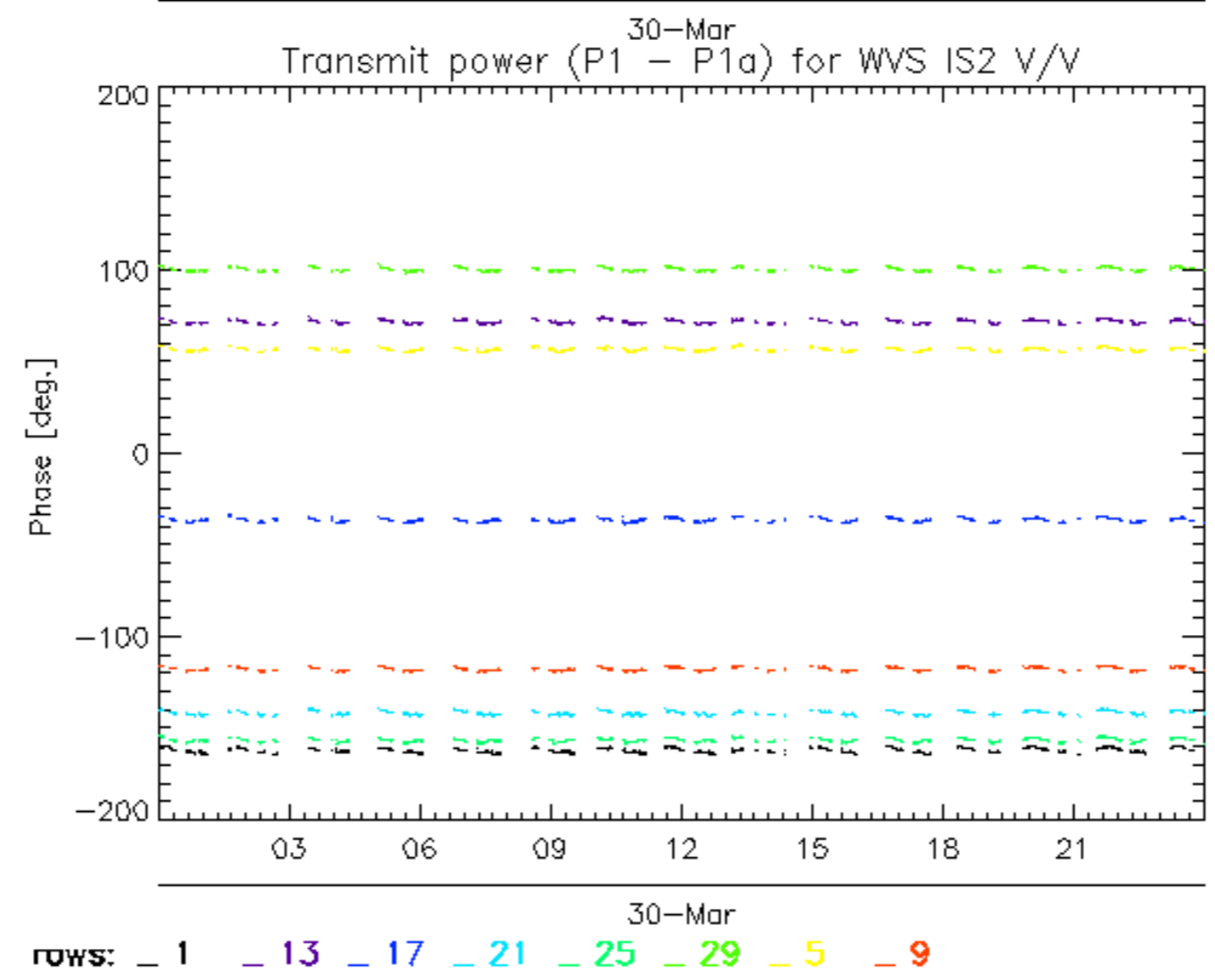
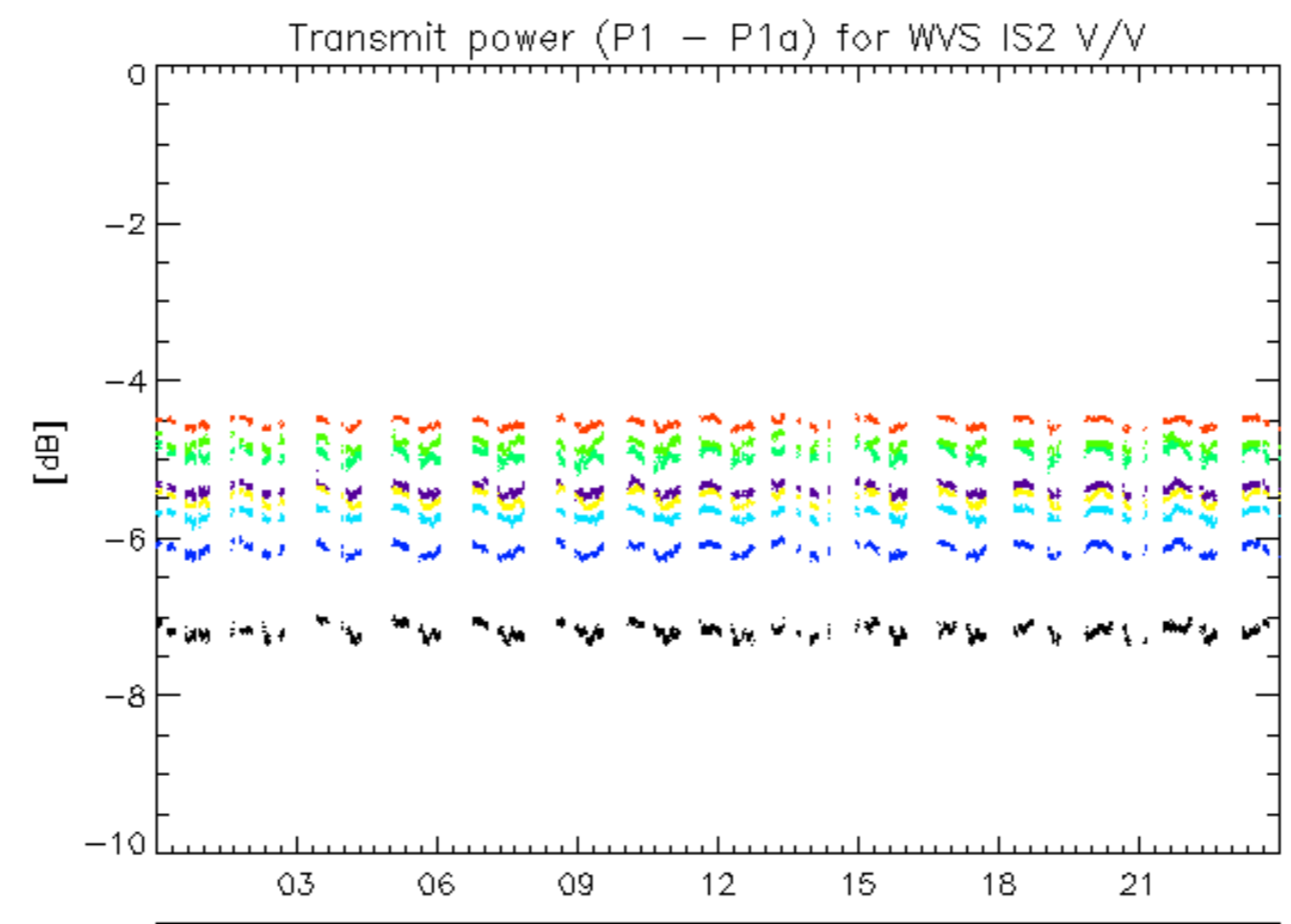


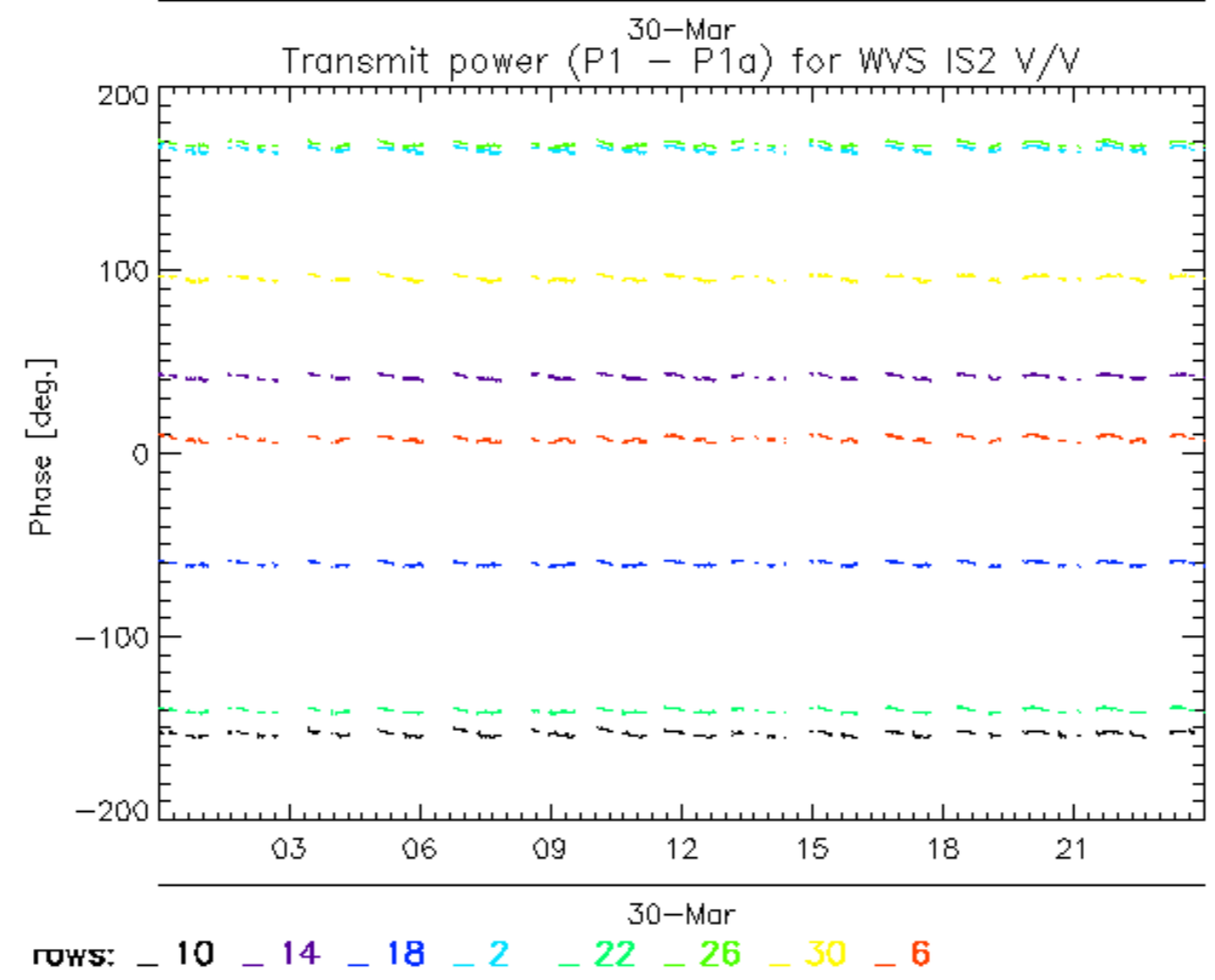
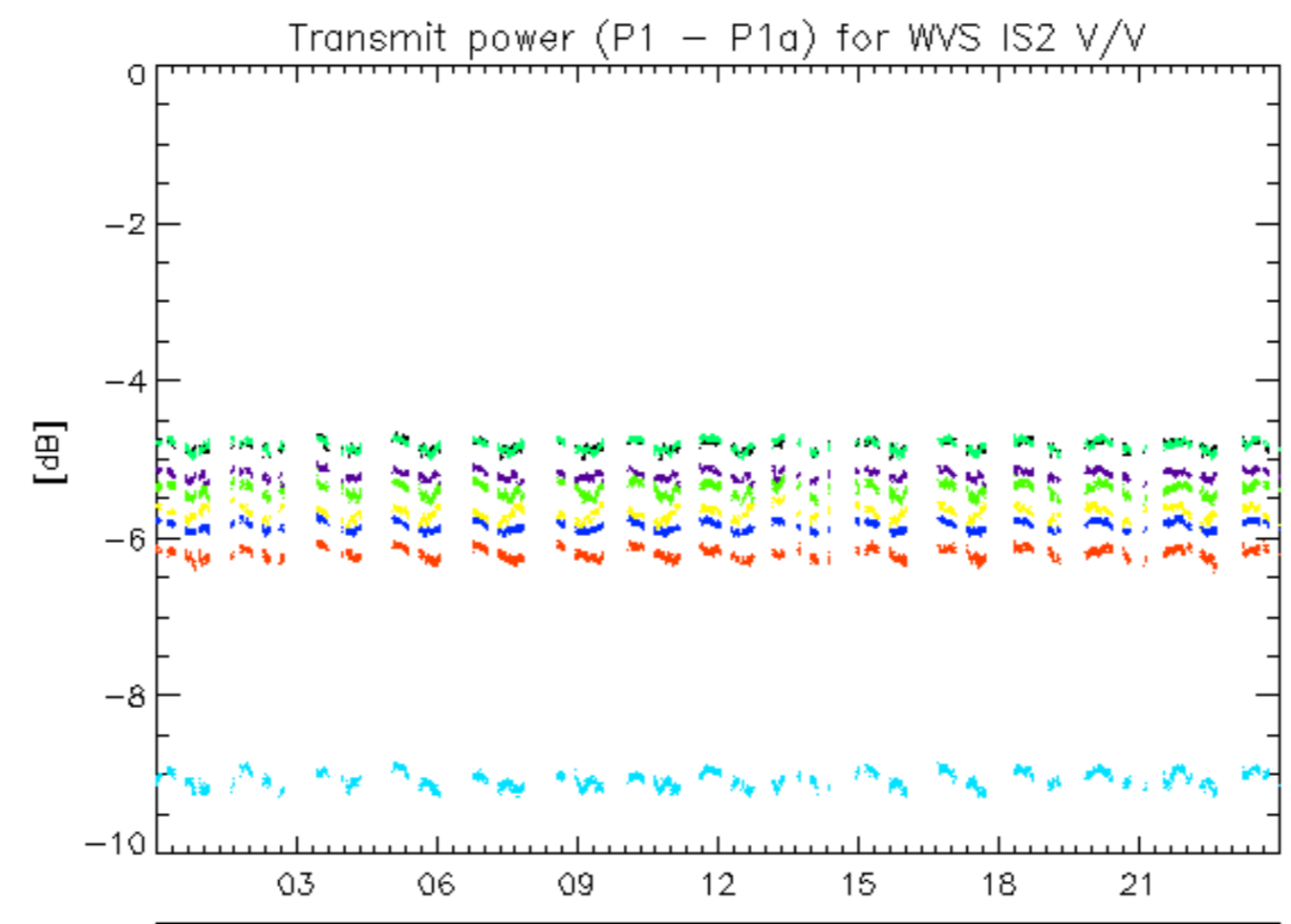


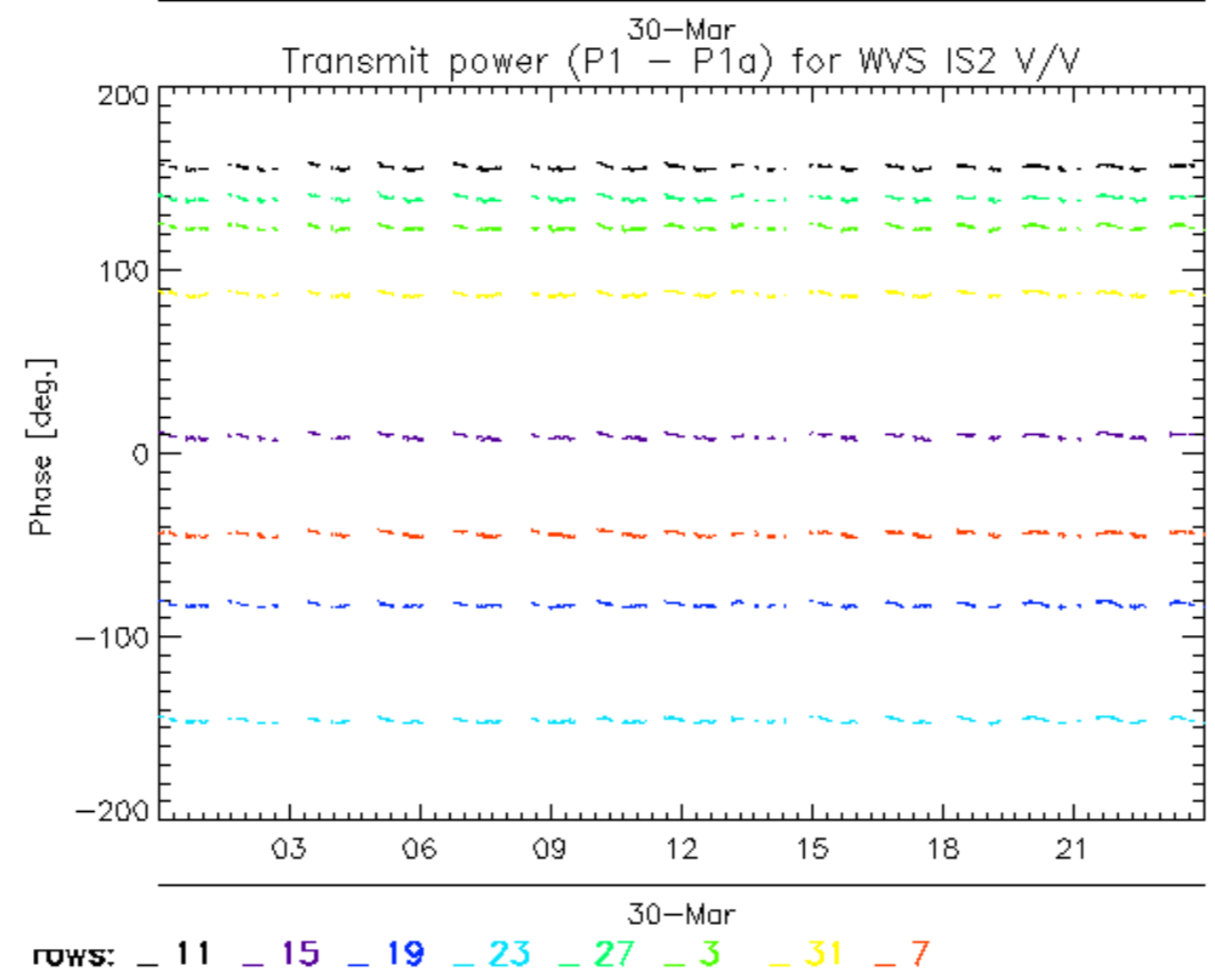
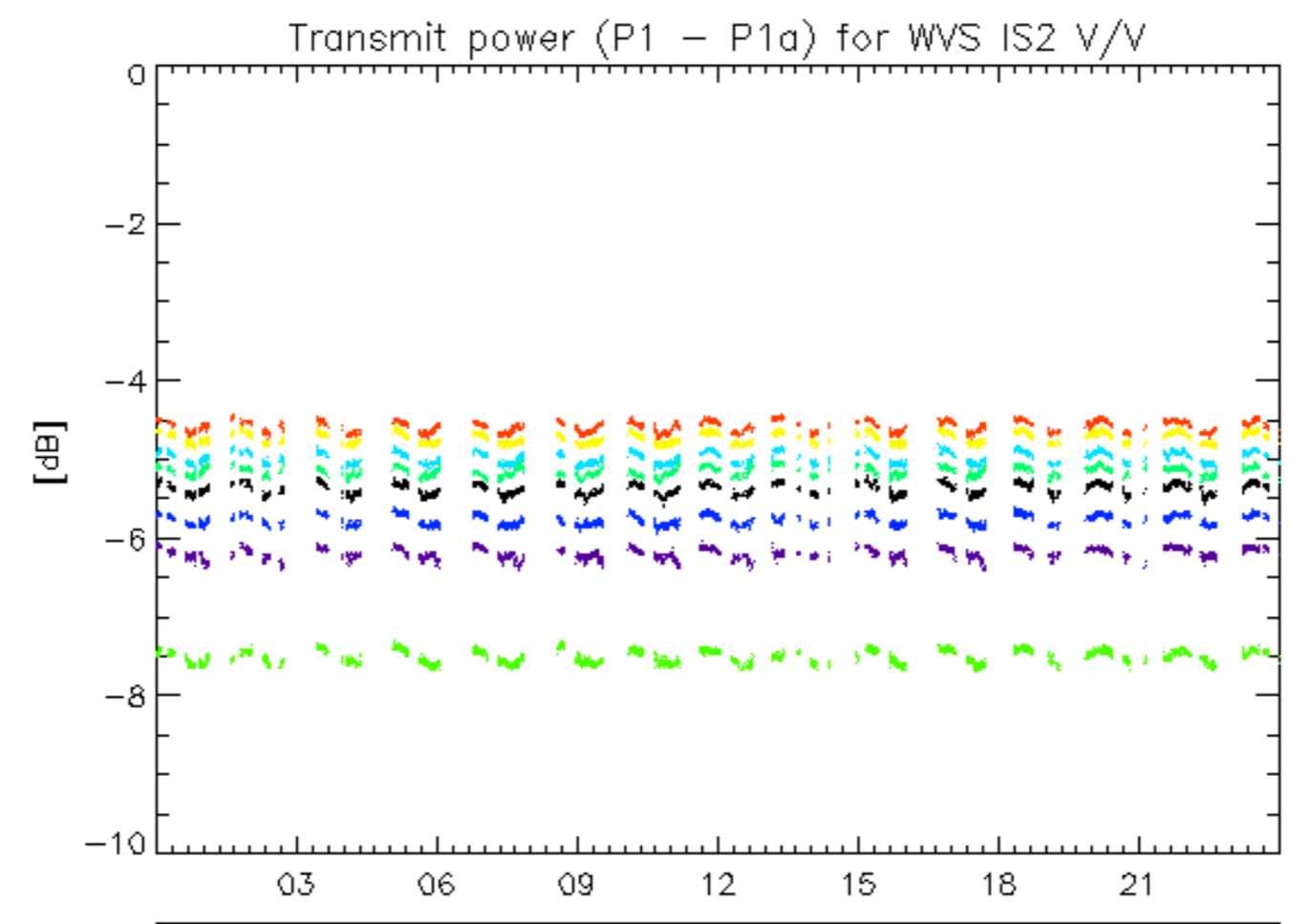
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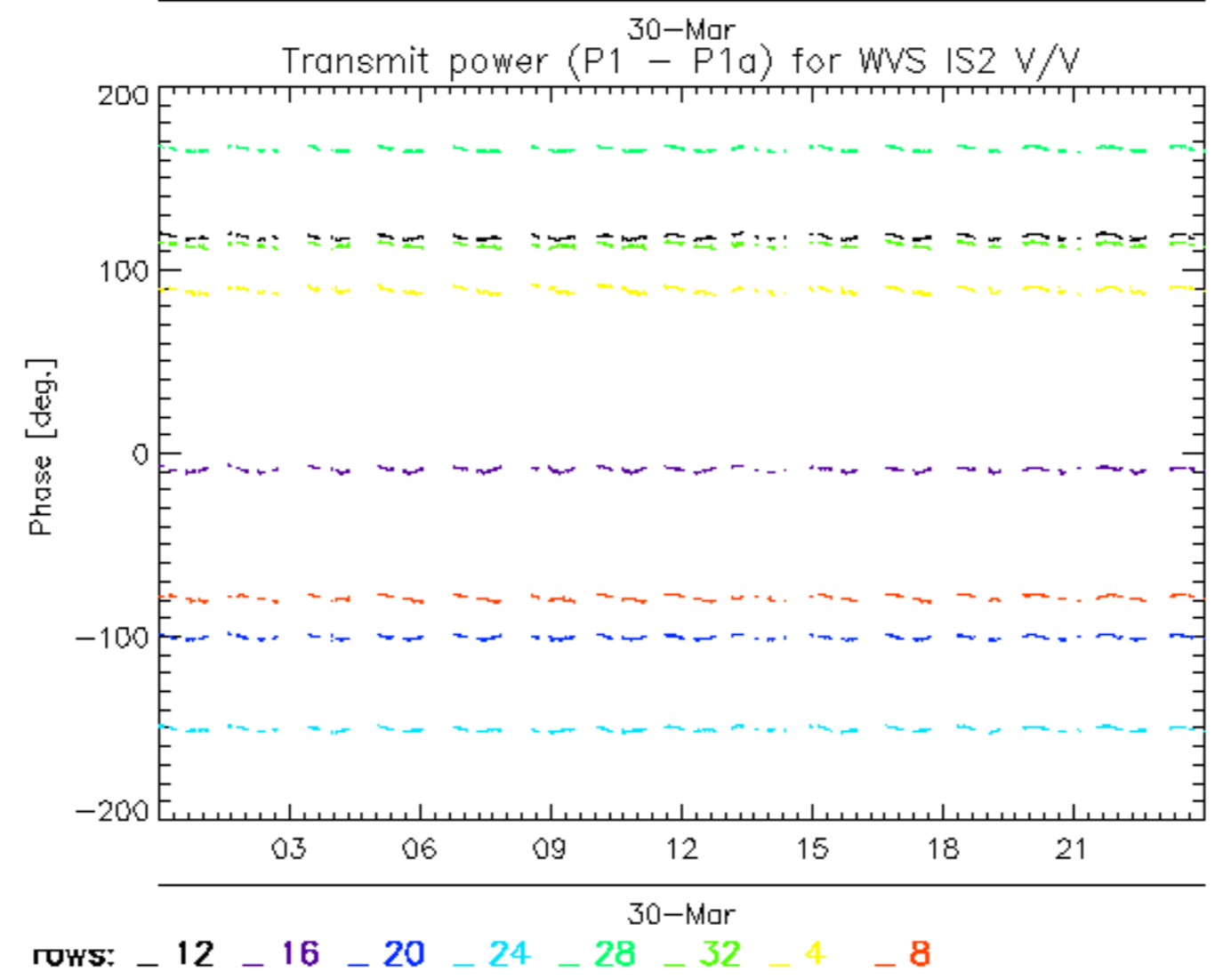
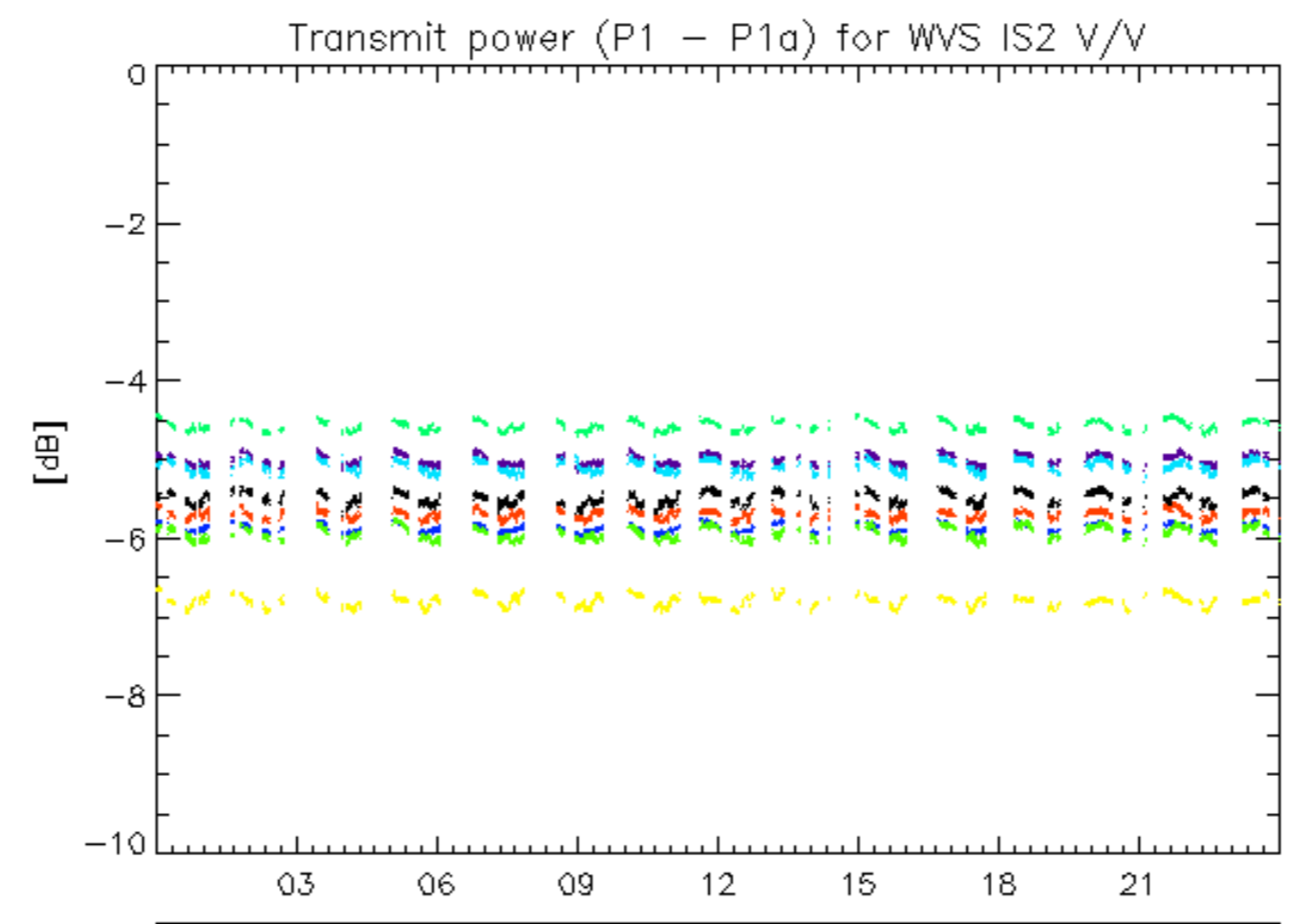


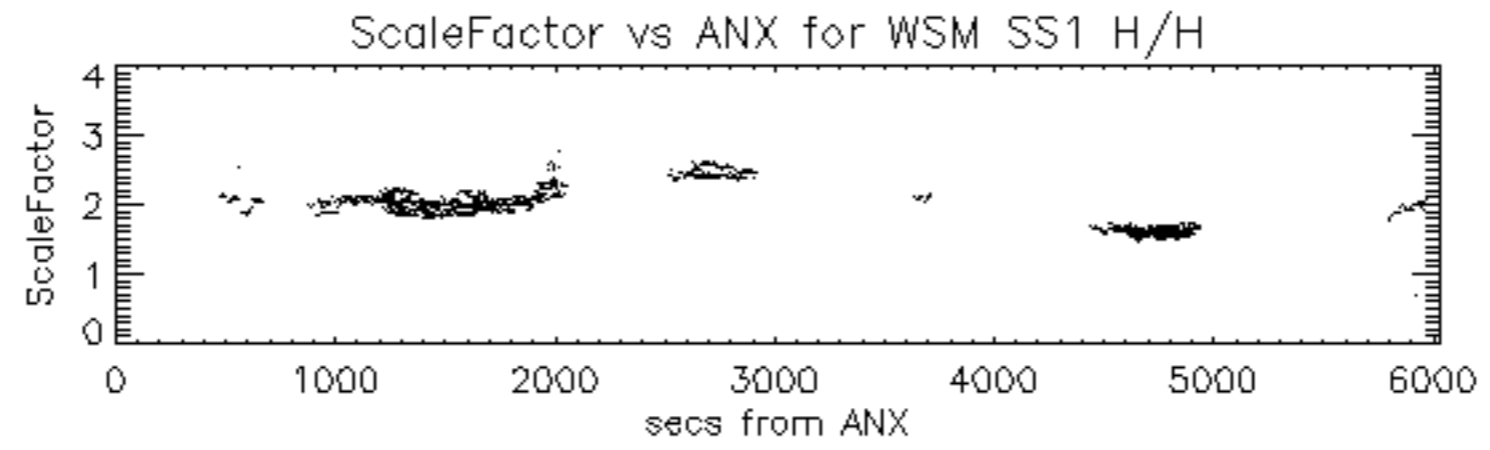
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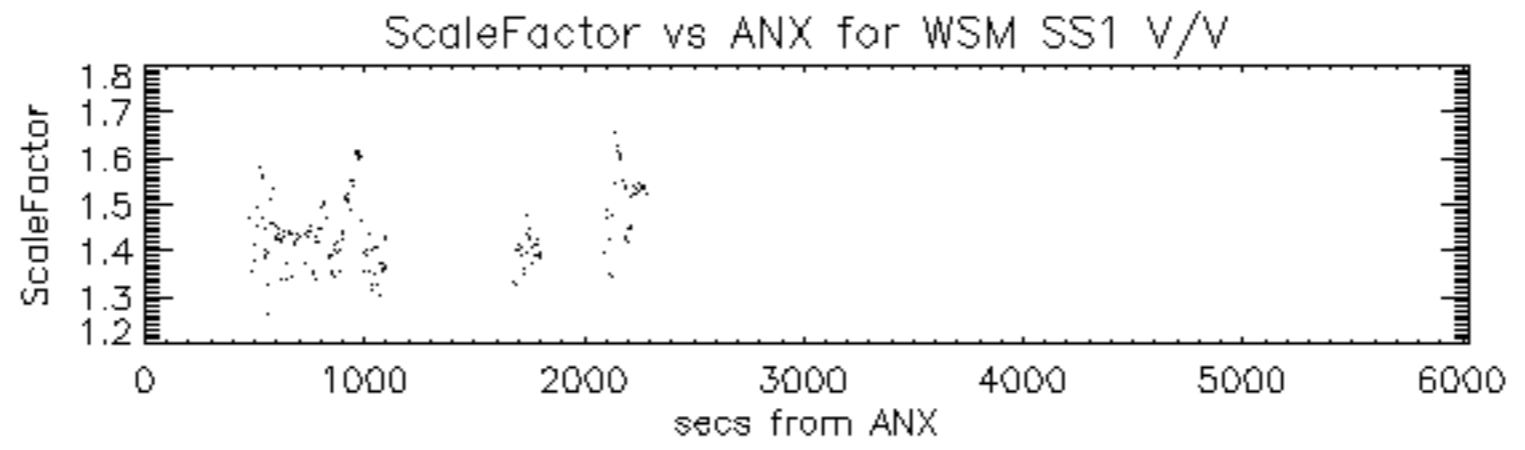


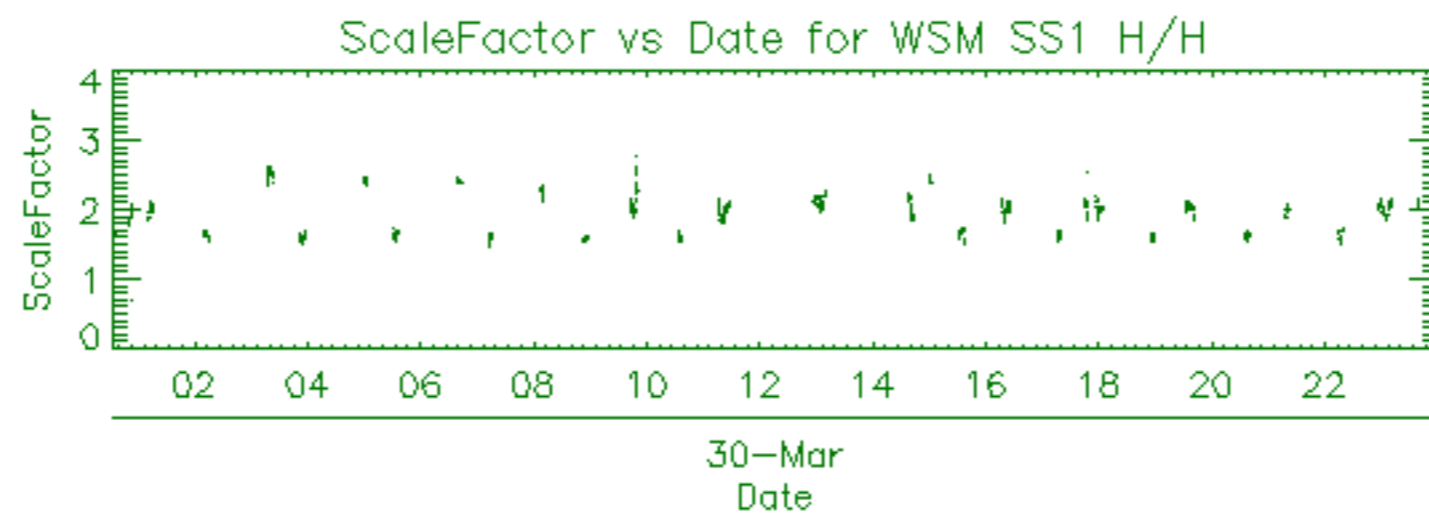


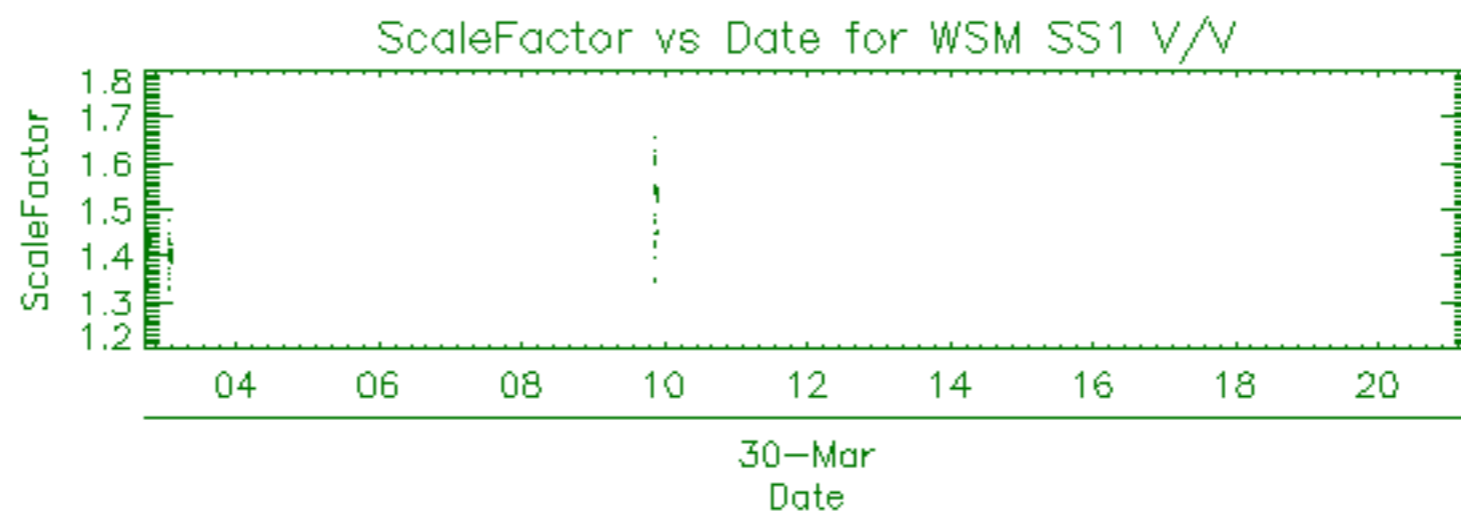












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120330_032408_000000853113_00133_52733_7651.N1						IS1	V/H	113	52733	133	5.04
ASA_APM_1PNPDE20120330_041923_000000913113_00134_52734_7690.N1						IS1	V/H	113	52734	134	5.04
ASA_APM_1PNPDE20120330_132909_000000883113_00139_52739_7888.N1						IS1	V/H	113	52739	139	5.04
ASA_APM_1PNPDE20120330_141856_000001063113_00140_52740_7889.N1						IS1	V/V	113	52740	140	5.04
ASA_APM_1PNPDE20120330_150612_000000433113_00140_52740_7891.N1						IS1	V/H	113	52740	140	5.04
ASA_APM_1PNPDE20120330_160251_000001143113_00141_52741_7894.N1						IS2	H/V	113	52741	141	5.04
ASA_APM_1PNPDK20120330_194227_000000573113_00143_52743_5685.N1						IS2	V/H	113	52743	143	5.04
ASA_APM_1PNPDE20120330_194251_000003463113_00143_52743_7910.N1						IS2	V/H	113	52743	143	5.04
ASA_APM_1PNPDE20120330_212241_000003563113_00144_52744_7918.N1						IS2	V/H	113	52744	144	5.04

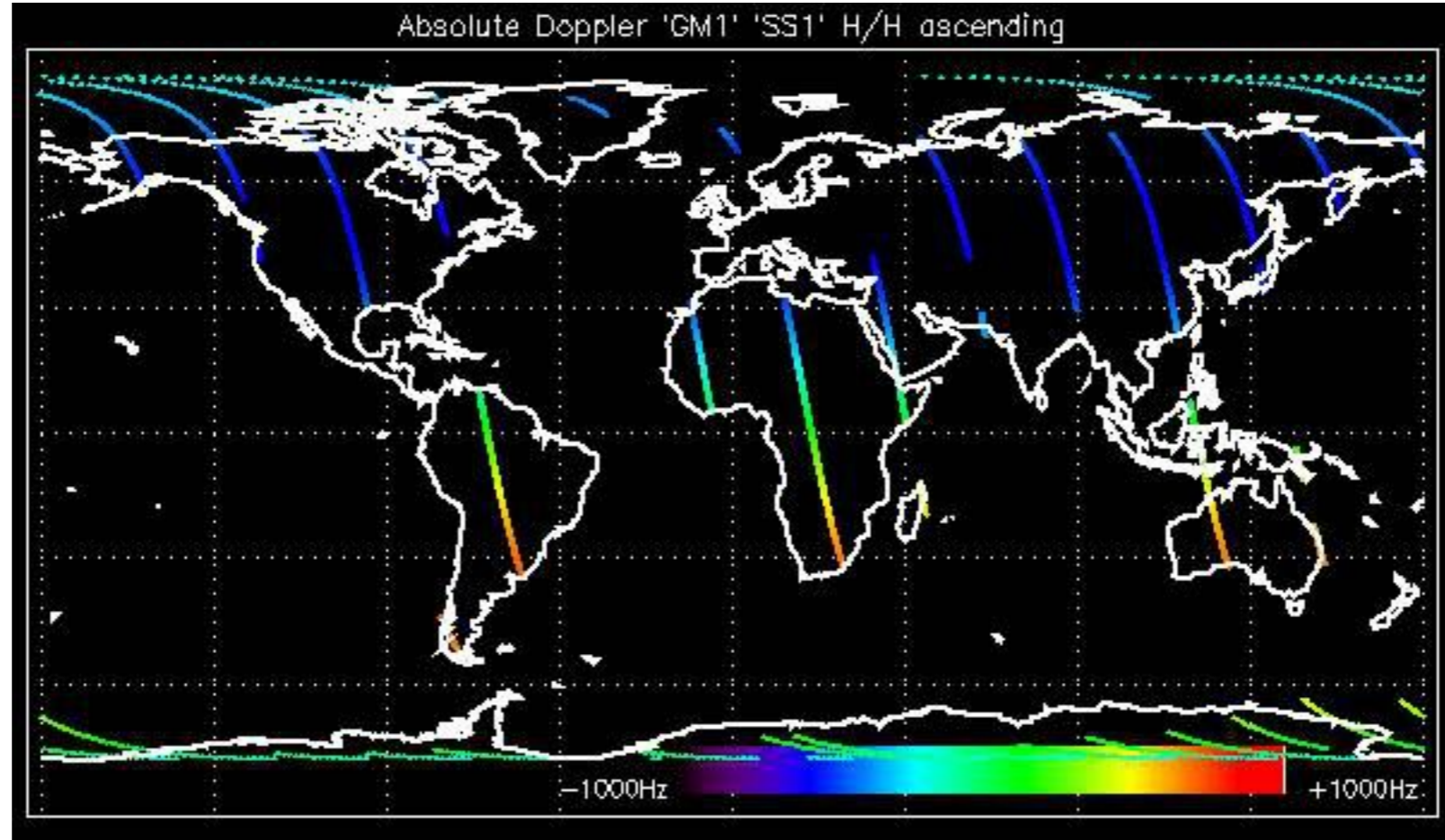
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20120330_002334_000005923113_00131_52731_7596.N1						SS1	H/H	113	52731	131	5.04
ASA_GM1_1PNPDE20120330_011732_000011543113_00132_52732_7633.N1						SS1	H/H	113	52732	132	5.04
ASA_GM1_1PNPDE20120330_014324_000002833113_00132_52732_7632.N1						SS1	H/H	113	52732	132	5.04
ASA_GM1_1PNPDE20120330_015055_000001993113_00132_52732_7631.N1						SS1	H/H	113	52732	132	5.04
ASA_GM1_1PNPDE20120330_020346_000004223113_00132_52732_7628.N1						SS1	H/H	113	52732	132	5.04
ASA_GM1_1PNPDE20120330_022519_000007733113_00132_52732_7653.N1						SS1	H/H	113	52732	132	5.04
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7657.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_024824_000008823113_00133_52733_7667.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7668.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_030544_000006893113_00133_52733_7660.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_034403_000004893113_00133_52733_7698.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_035928_000002113113_00133_52733_7701.N1						SS1	H/H	113	52733	133	5.04
ASA_GM1_1PNPDE20120330_042331_000018313113_00134_52734_7707.N1						SS1	H/H	113	52734	134	5.04
ASA_GM1_1PNPDE20120330_052412_000003923113_00134_52734_7742.N1						SS1	H/H	113	52734	134	5.04
ASA_GM1_1PNPDE20120330_060710_000000663113_00135_52735_7743.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDE20120330_061115_000008463113_00135_52735_7745.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDE20120330_062856_000003023113_00135_52735_7751.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDE20120330_063732_000000903113_00135_52735_7750.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDE20120330_064402_000000783113_00135_52735_7759.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDK20120330_070426_000005133113_00135_52735_5382.N1						SS1	H/H	113	52735	135	5.04
ASA_GM1_1PNPDK20120330_075222_000006223113_00136_52736_5387.N1						SS1	H/H	113	52736	136	5.04
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ASA_GM1_1PNPDK20120330_082037_000008283113_00136_52736_5413.N1						SS1	H/H	113	52736	136	5.04
ASA_GM1_1PNPDK20120330_084444_000004773113_00136_52736_5415.N1						SS1	H/H	113	52736	136	5.04
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ASA_GM1_1PNPDK20120330_100011_000003023113_00137_52737_5476.N1						SS1	H/H	113	52737	137	5.04
ASA_GM1_1PNPDK20120330_102458_000004713113_00137_52737_5478.N1						SS1	H/H	113	52737	137	5.04
ASA_GM1_1PNPDK20120330_111051_000003443113_00138_52738_5480.N1						SS1	H/H	113	52738	138	5.04
ASA_GM1_1PNPDK20120330_120803_000006043113_00138_52738_5529.N1						SS1	H/H	113	52738	138	5.04
ASA_GM1_1PNPDK20120330_122736_000001693113_00138_52738_5530.N1						SS1	H/H	113	52738	138	5.04
ASA_GM1_1PNPDK20120330_123317_000001383113_00138_52738_5532.N1						SS1	H/H	113	52738	138	5.04
ASA_GM1_1PNPDK20120330_124601_000001083113_00139_52739_5533.N1						SS1	H/H	113	52739	139	5.04
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ASA_GM1_1PNPDK20120330_132529_000002173113_00139_52739_5564.N1						SS1	H/H	113	52739	139	5.04
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ASA_GM1_1PNPDK20120330_134524_000007793113_00139_52739_5569.N1						SS1	H/H	113	52739	139	5.04
ASA_GM1_1PNPDK20120330_140738_000006773113_00139_52739_5570.N1						SS1	H/H	113	52739	139	5.04
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ASA_GM1_1PNPDK20120330_202619_000005493113_00143_52743_5703.N1						SS1	H/H	113	52743	143	5.04
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ASA_GM1_1PNPDE20120330_223915_000004473113_00145_52745_7942.N1						SS1	H/H	113	52745	145	5.04
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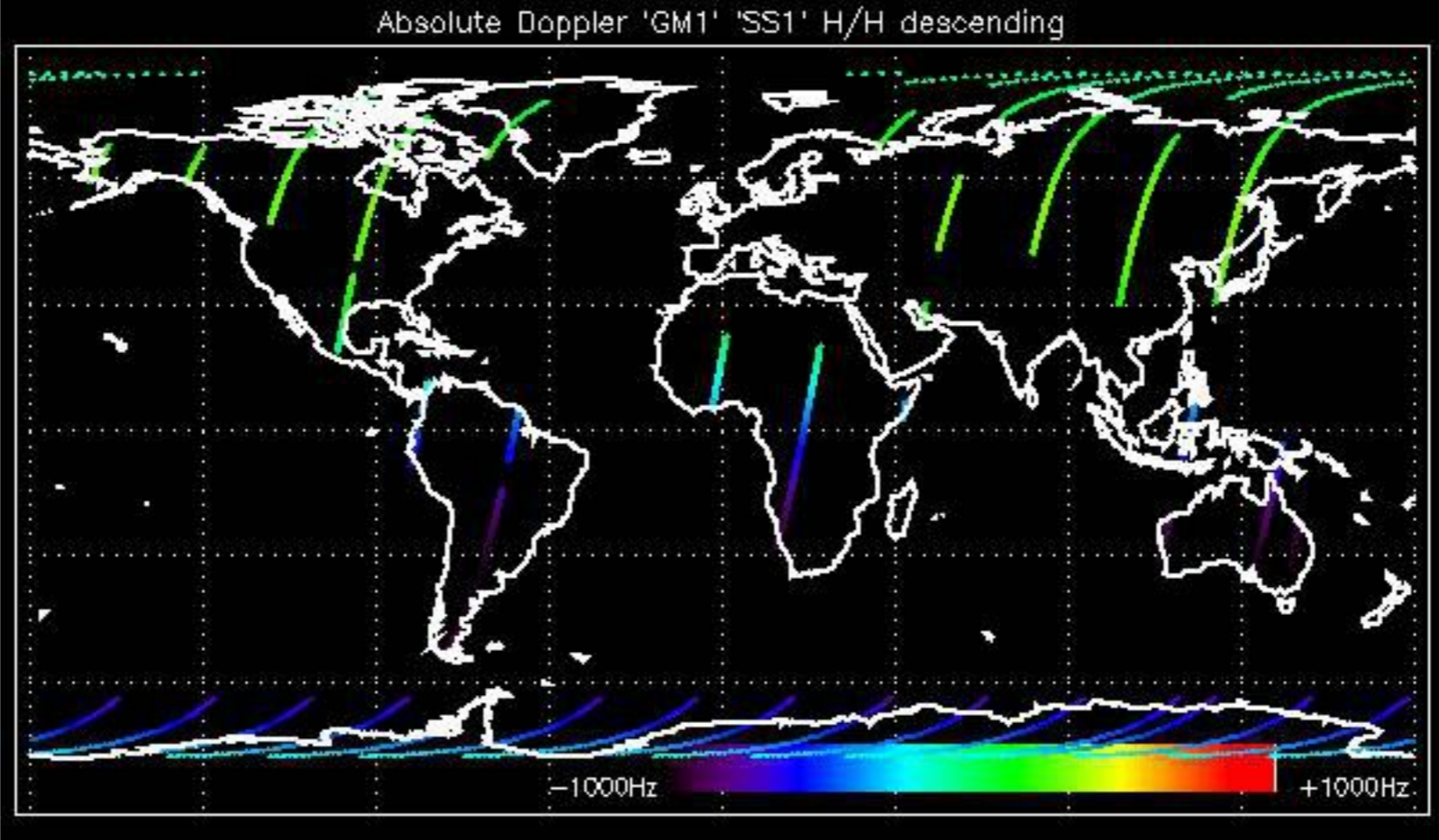
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ASA_IMM_1PNPDE20120330_040259_000000373113_00133_52733_7689.N1						IS6	H/H	113	52733	133	5.04
ASA_IMM_1PNPDE20120330_045400_000002693113_00134_52734_7693.N1						IS6	H/H	113	52734	134	5.04
ASA_IMM_1PNPDE20120330_060507_000001123113_00135_52735_7737.N1						IS6	H/H	113	52735	135	5.04
ASA_IMM_1PNPDK20120330_062518_000002083113_00135_52735_5361.N1						IS6	H/H	113	52735	135	5.04
ASA_IMM_1PNPDE20120330_063355_000002053113_00135_52735_7738.N1						IS6	H/H	113	52735	135	5.04
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ASA_IMM_1PNPDK20120330_112802_000000523113_00138_52738_5495.N1						IS6	H/H	113	52738	138	5.04
ASA_IMM_1PNPDE20120330_120354_000002363113_00138_52738_7838.N1						IS6	H/H	113	52738	138	5.04
ASA_IMM_1PNPDE20120330_163600_000000523113_00141_52741_7898.N1						IS6	H/H	113	52741	141	5.04
ASA_IMM_1PNPDE20120330_164213_000000373113_00141_52741_7897.N1						IS2	V/V	113	52741	141	5.04
ASA_IMM_1PNPDE20120330_181353_000002313113_00142_52742_7901.N1						IS6	H/H	113	52742	142	5.04
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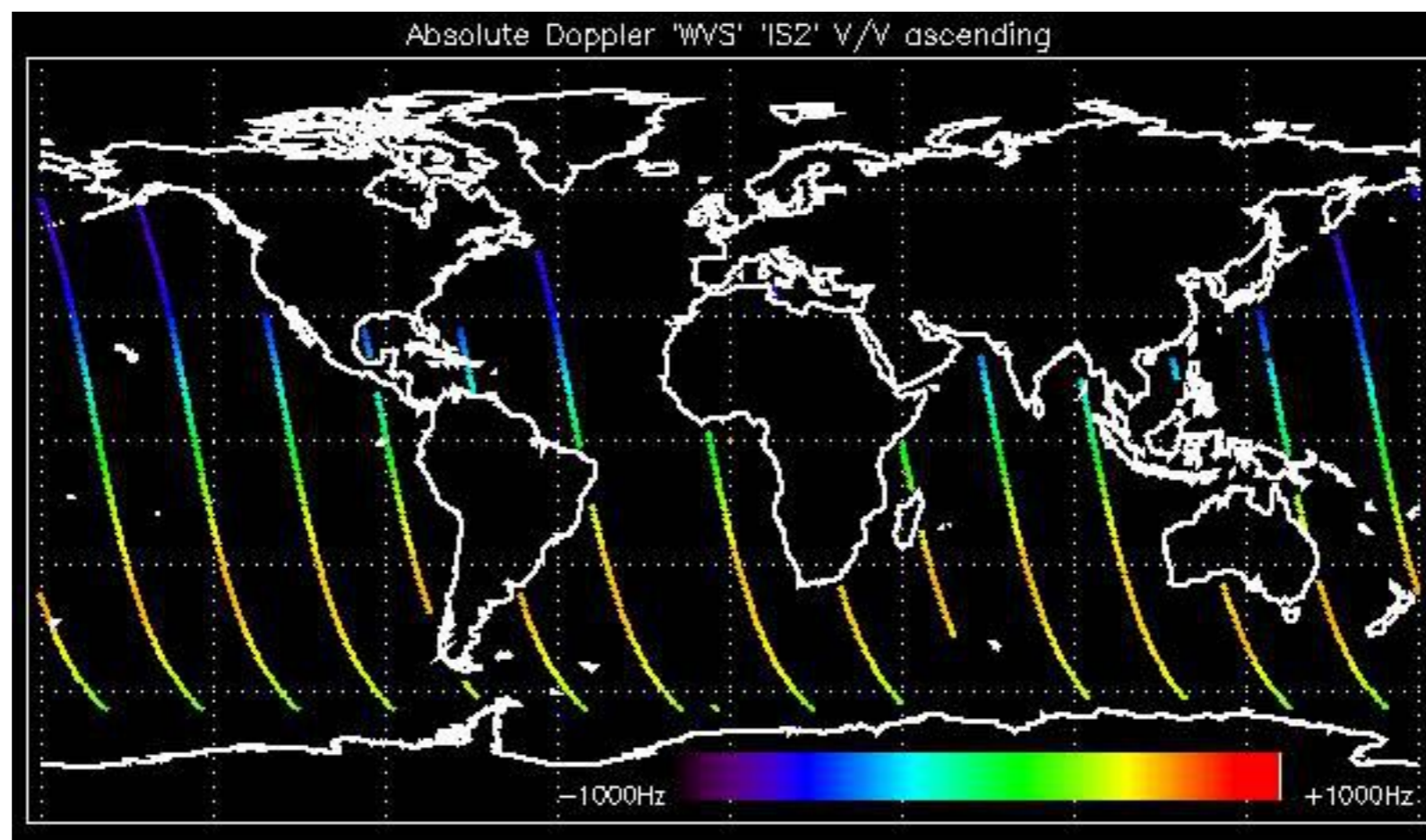
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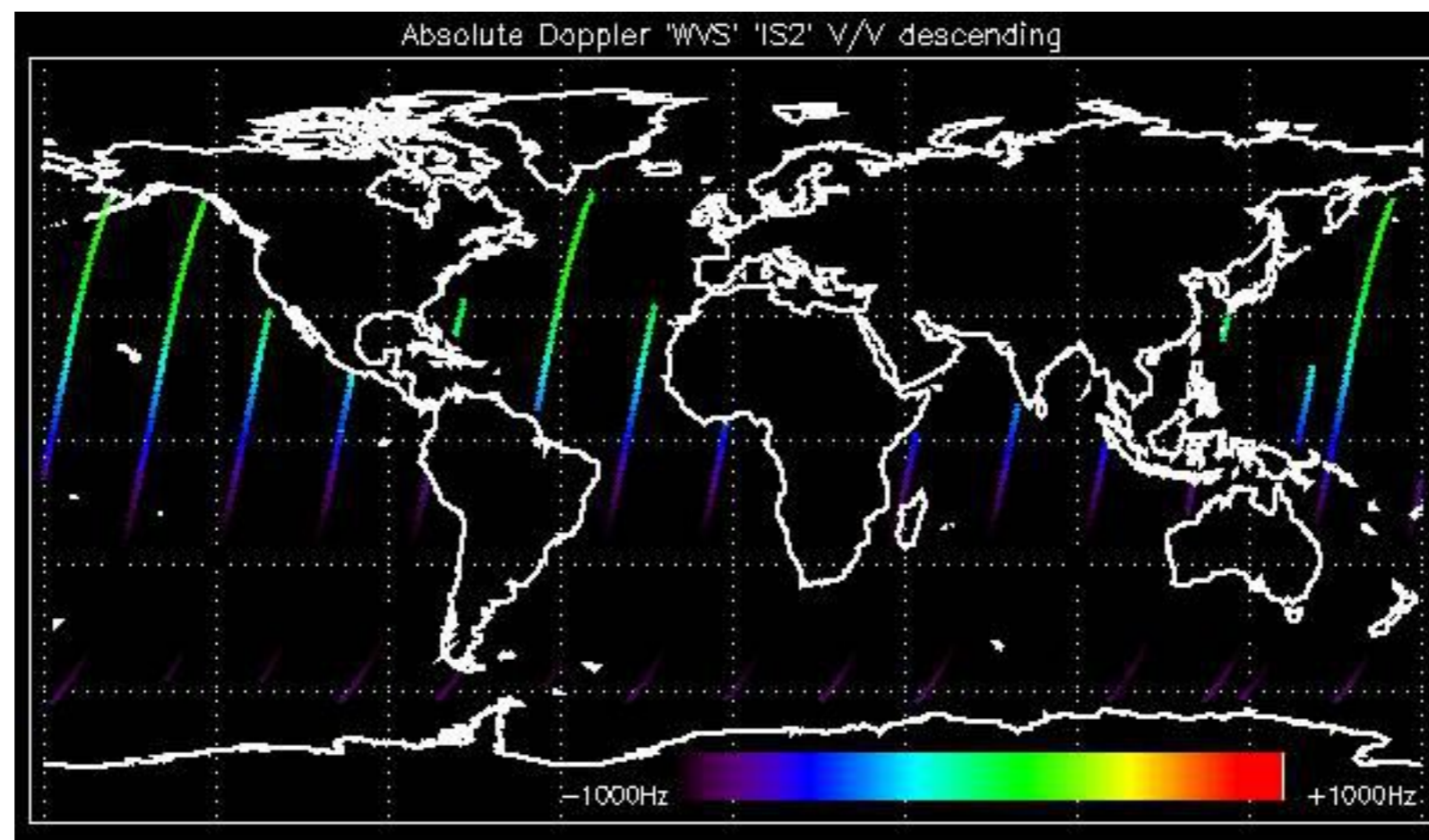
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20120330_005103_000002143113_00131_52731_7607.N1						SS1	H/H	113	52731	131	5.04
ASA_WSM_1PNPDE20120330_011014_000004343113_00132_52732_7627.N1						SS1	H/H	113	52732	132	5.04
ASA_WSM_1PNPDE20120330_021055_000002943113_00132_52732_7624.N1						SS1	H/H	113	52732	132	5.04
ASA_WSM_1PNPDE20120330_024317_000002453113_00133_52733_7654.N1						SS1	V/V	113	52733	133	5.04
ASA_WSM_1PNPDE20120330_030309_000001533113_00133_52733_7656.N1						SS1	V/V	113	52733	133	5.04
ASA_WSM_1PNPDE20120330_031714_000004163113_00133_52733_7650.N1						SS1	H/H	113	52733	133	5.04
ASA_WSM_1PNPDE20120330_035217_000003303113_00133_52733_7688.N1						SS1	H/H	113	52733	133	5.04
ASA_WSM_1PNPDE20120330_045952_000002083113_00134_52734_7695.N1						SS1	H/H	113	52734	134	5.04
ASA_WSM_1PNPDE20120330_053048_000003363113_00134_52734_7736.N1						SS1	H/H	113	52734	134	5.04
ASA_WSM_1PNPDE20120330_063909_000002883113_00135_52735_7739.N1						SS1	H/H	113	52735	135	5.04
ASA_WSM_1PNPDK20120330_071301_000002143113_00135_52735_5392.N1						SS1	H/H	113	52735	135	5.04
ASA_WSM_1PNPDK20120330_080752_000001533113_00136_52736_5393.N1						SS1	H/H	113	52736	136	5.04
ASA_WSM_1PNPDK20120330_085242_000002693113_00136_52736_5430.N1						SS1	H/H	113	52736	136	5.04
ASA_WSM_1PNPDE20120330_094254_000002513113_00137_52737_7808.N1						SS1	H/H	113	52737	137	5.04
ASA_WSM_1PNPDK20120330_094718_000002083113_00137_52737_5432.N1						SS1	H/H	113	52737	137	5.04
ASA_WSM_1PNPDK20120330_095106_000001533113_00137_52737_5438.N1						SS1	V/V	113	52737	137	5.04
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ASA_WSM_1PNPDE20120330_103255_000002753113_00137_52737_7830.N1						SS1	H/H	113	52737	137	5.04
ASA_WSM_1PNPDE20120330_111640_000001713113_00138_52738_7831.N1						SS1	H/H	113	52738	138	5.04
ASA_WSM_1PNPDK20120330_111947_000004833113_00138_52738_5783.N1						SS1	H/H	113	52738	138	5.04
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ASA_WSM_1PNPDK20120330_143706_000004593113_00140_52740_5585.N1						SS1	H/H	113	52740	140	5.04
ASA_WSM_1PNPDE20120330_150036_000001163113_00140_52740_7890.N1						SS1	H/H	113	52740	140	5.04
ASA_WSM_1PNPDE20120330_153052_000001903113_00140_52740_7892.N1						SS1	H/H	113	52740	140	5.04
ASA_WSM_1PNPDE20120330_153714_000001223113_00140_52740_7893.N1						SS1	H/H	113	52740	140	5.04
ASA_WSM_1PNPDK20120330_161722_000002813113_00141_52741_5619.N1						SS1	H/H	113	52741	141	5.04
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ASA_WSM_1PNPDE20120330_203532_000002513113_00143_52743_7909.N1						SS1	H/H	113	52743	143	5.04
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ASA_WSM_1PNPDE20120330_221503_000002513113_00144_52744_7916.N1						SS1	H/H	113	52744	144	5.04
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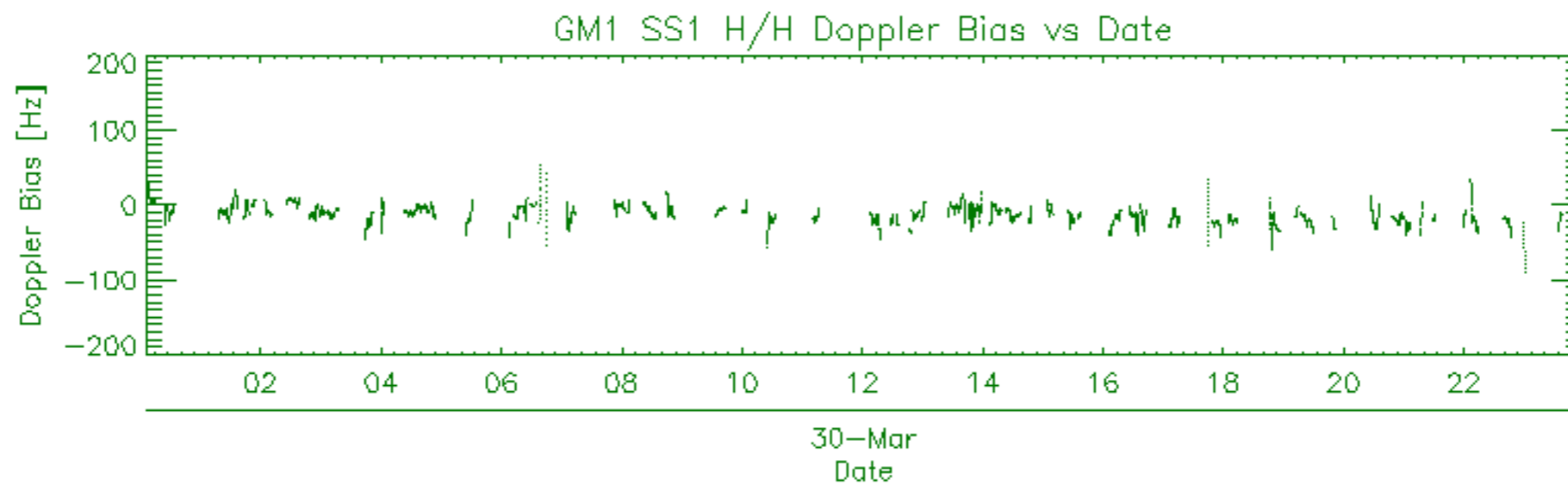
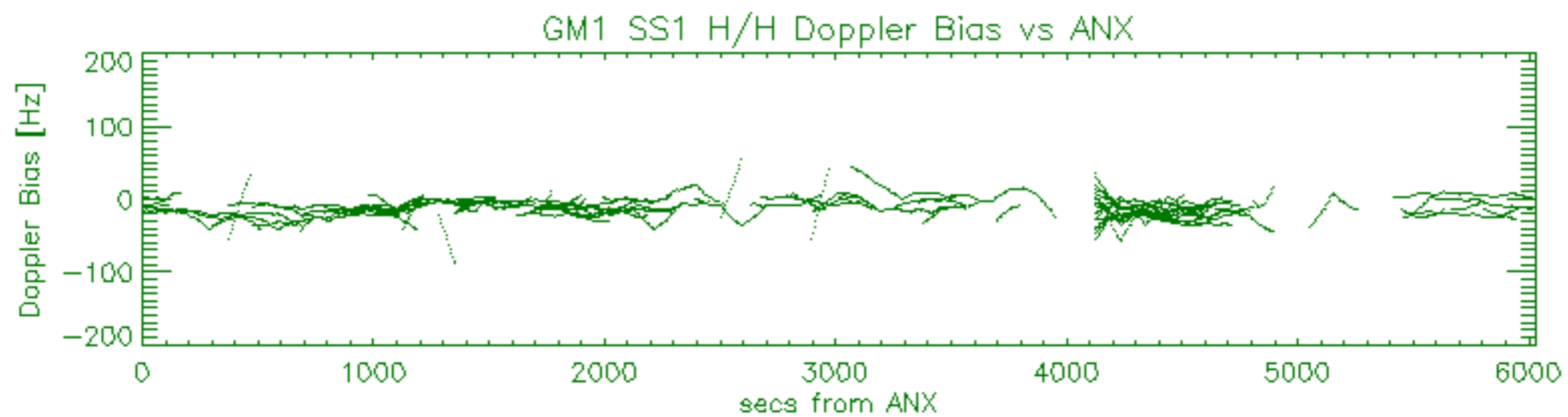
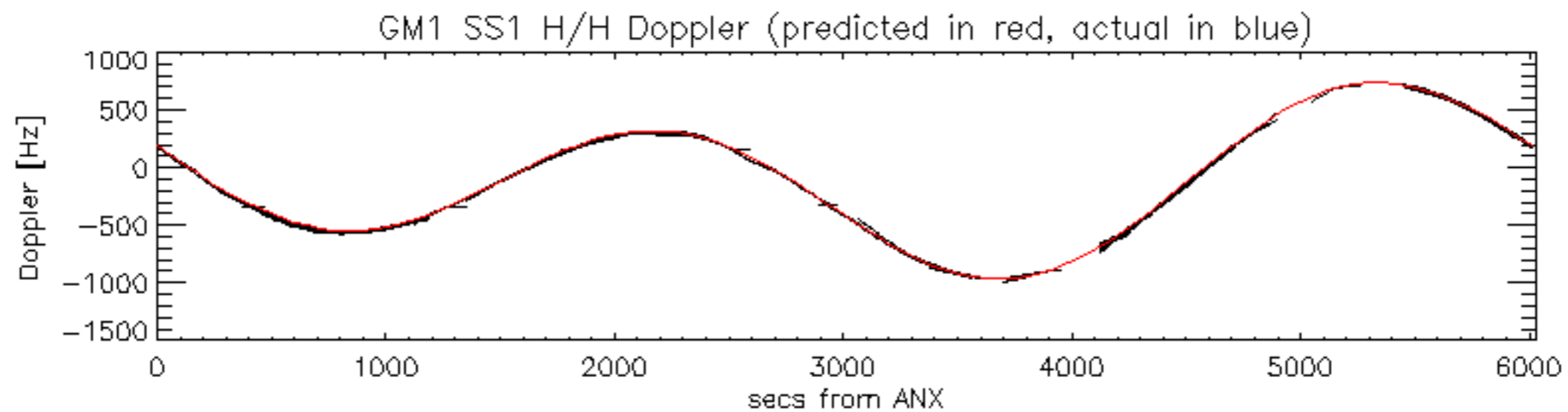
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ASA_WVS_1PNPDE20120330_003624_000005253113_00131_52731_7595.N1						IS2	V/V	113	52731	131	5.04
ASA_WVS_1PNPDE20120330_004424_000003593113_00131_52731_7623.N1						IS2	V/V	113	52731	131	5.04
ASA_WVS_1PNPDE20120330_005433_000007793113_00131_52731_7634.N1						IS2	V/V	113	52731	131	5.04
ASA_WVS_1PNPDE20120330_013645_000001043113_00132_52732_7630.N1						IS2	V/V	113	52732	132	5.04
ASA_WVS_1PNPDE20120330_014811_000001193113_00132_52732_7629.N1						IS2	V/V	113	52732	132	5.04
ASA_WVS_1PNPDE20120330_015418_000005253113_00132_52732_7626.N1						IS2	V/V	113	52732	132	5.04
ASA_WVS_1PNPDE20120330_021638_000001953113_00132_52732_7625.N1						IS2	V/V	113	52732	132	5.04
ASA_WVS_1PNPDE20120330_021908_000003303113_00132_52732_7652.N1						IS2	V/V	113	52732	132	5.04
ASA_WVS_1PNPDE20120330_023817_000002543113_00133_52733_7661.N1						IS2	V/V	113	52733	133	5.04
ASA_WVS_1PNPDE20120330_032539_000005843113_00133_52733_7659.N1						IS2	V/V	113	52733	133	5.04
ASA_WVS_1PNPDE20120330_033509_000002553113_00133_52733_7697.N1						IS2	V/V	113	52733	133	5.04
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ASA_WVS_1PNPDE20120330_064528_000007053113_00135_52735_7758.N1						IS2	V/V	113	52735	135	5.04
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ASA_WVS_1PNPDK20120330_171940_000013943113_00141_52741_5648.N1						IS2	V/V	113	52741	141	5.04
ASA_WVS_1PNPDK20120330_181853_000014993113_00142_52742_5670.N1						IS2	V/V	113	52742	142	5.04
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ASA_WVS_1PNPDK20120330_203941_000004803113_00143_52743_5709.N1						IS2	V/V	113	52743	143	5.04
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ASA_WVS_1PNPDE20120330_220123_000002703113_00144_52744_7919.N1						IS2	V/V	113	52744	144	5.04
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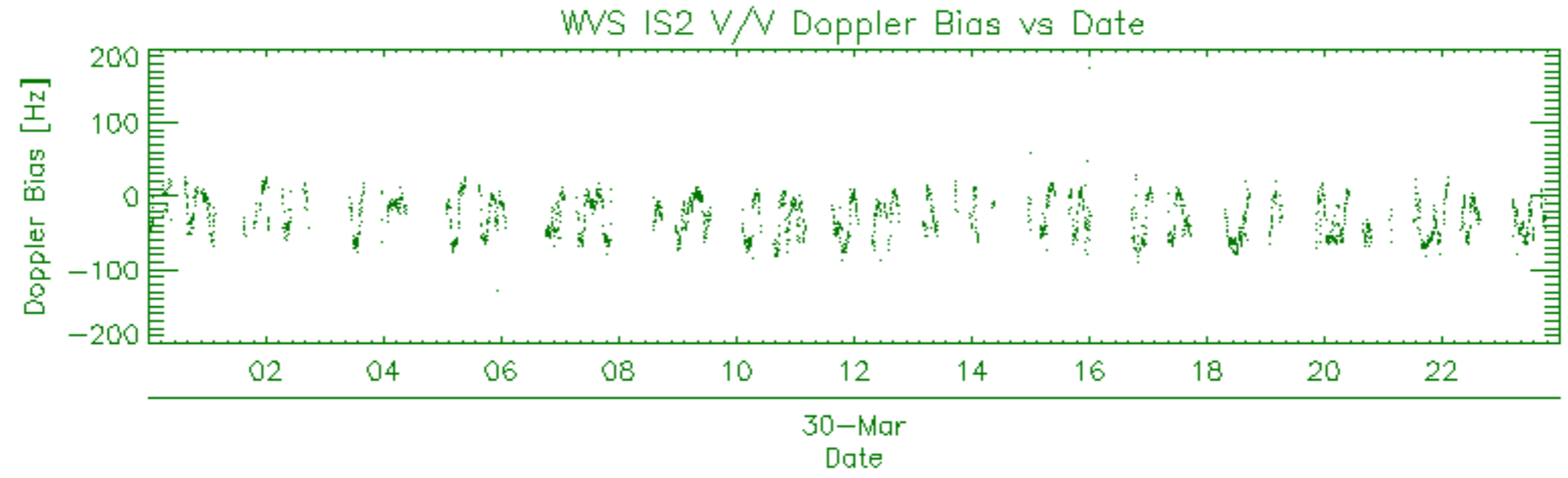
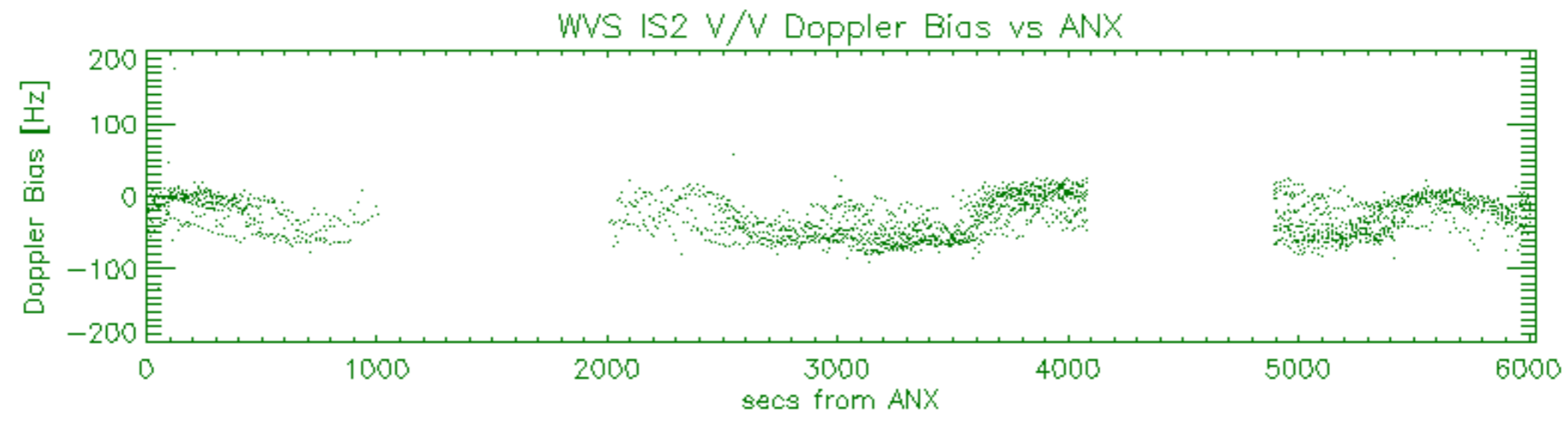
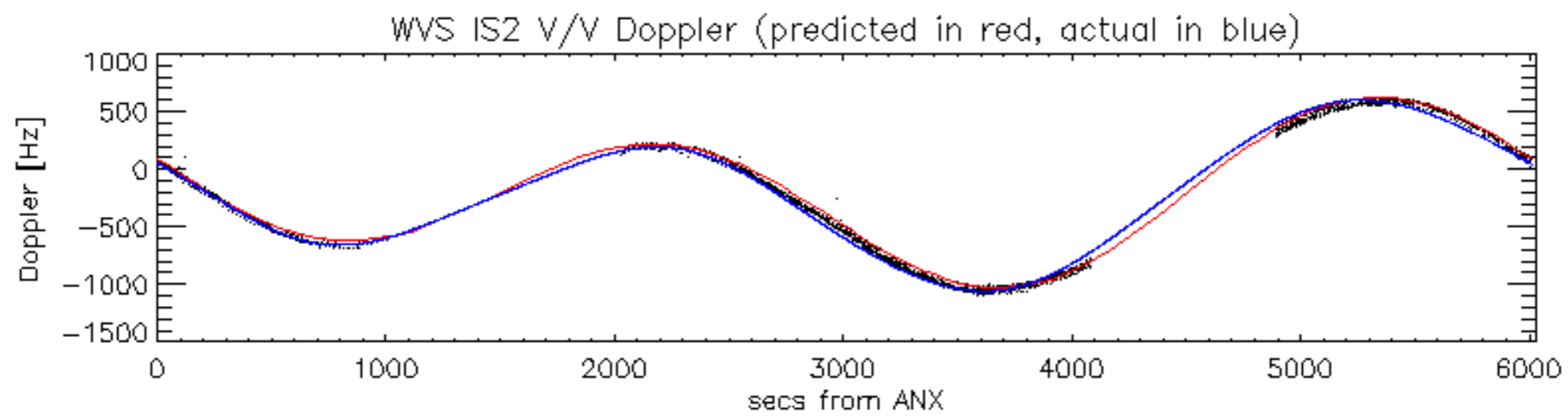


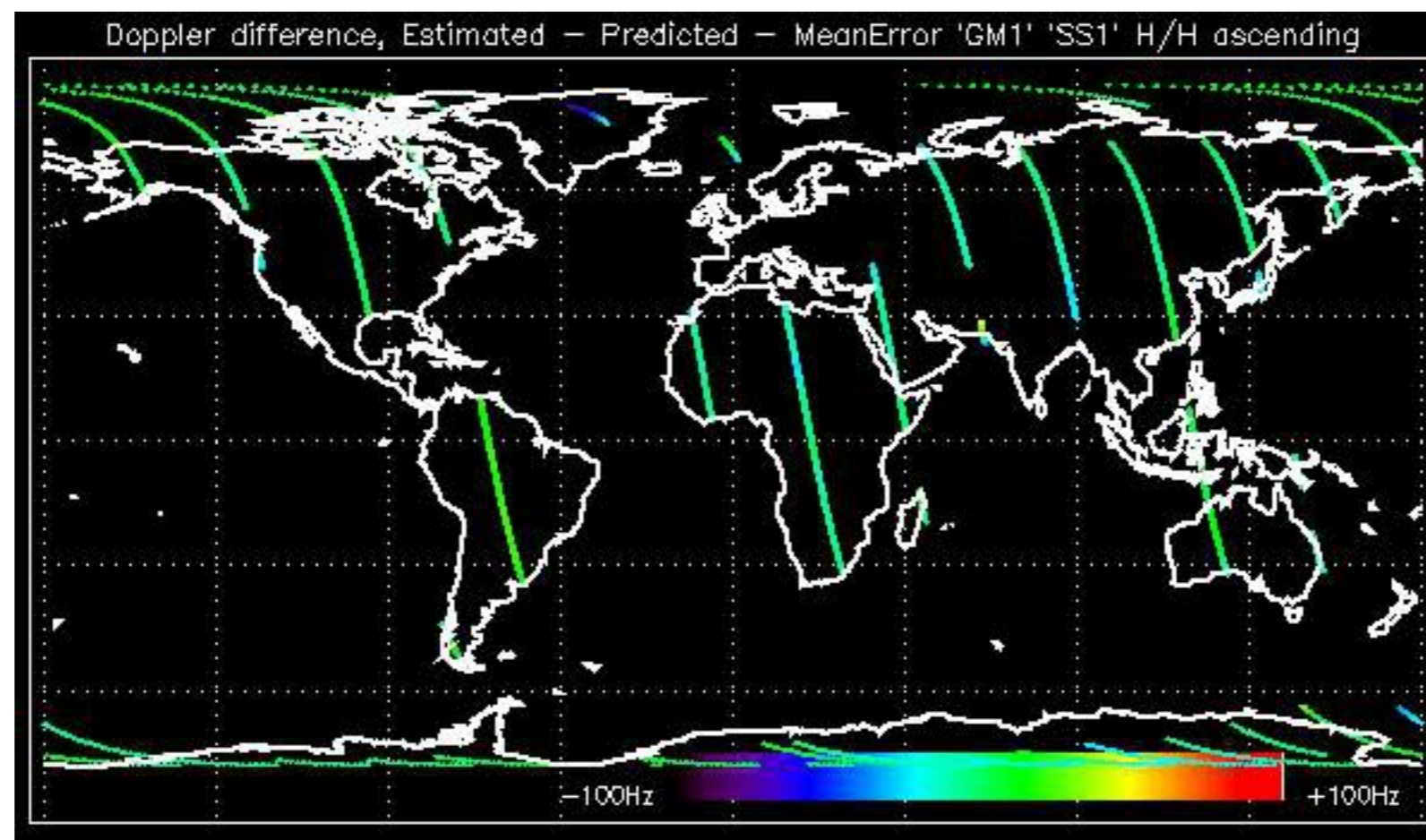


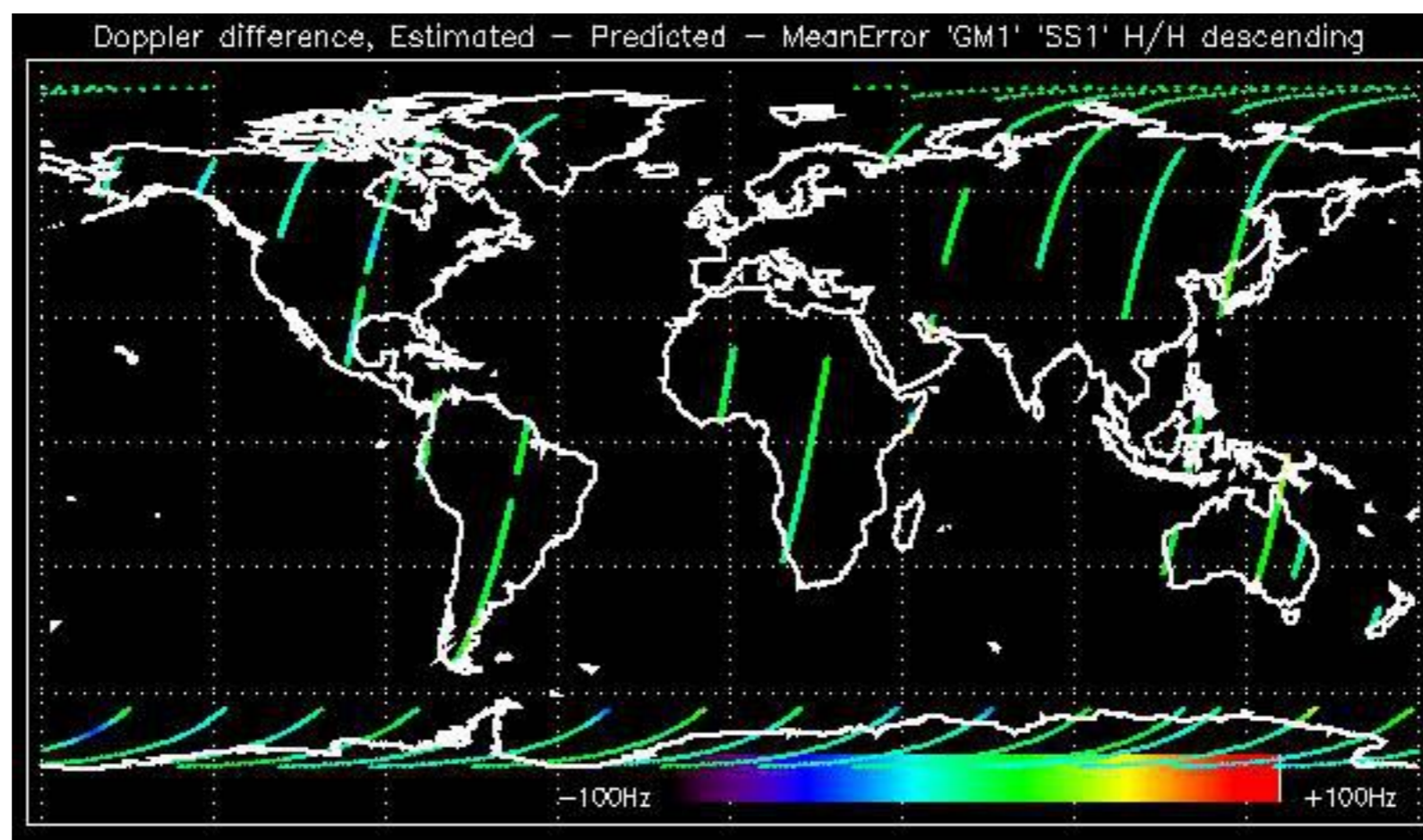


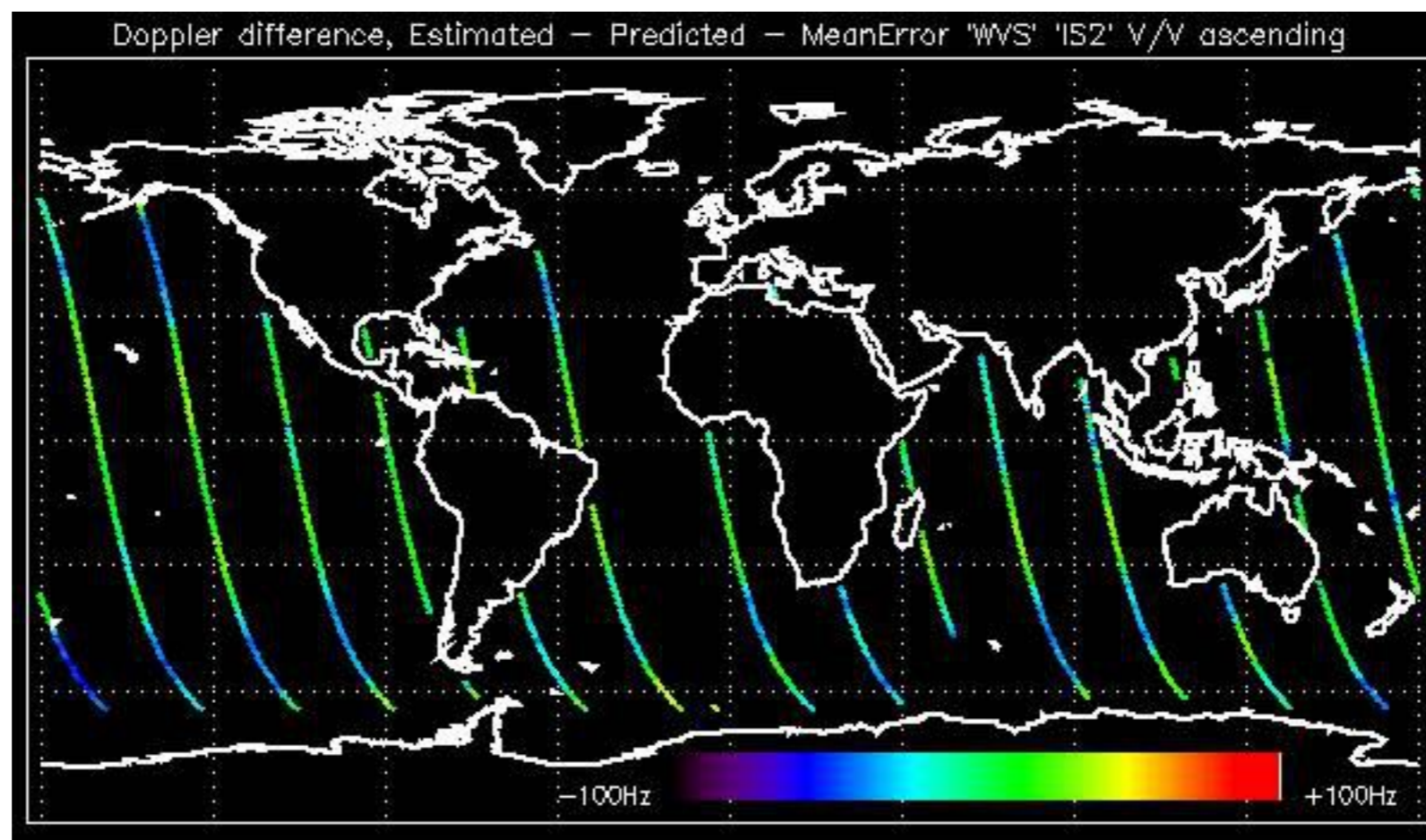


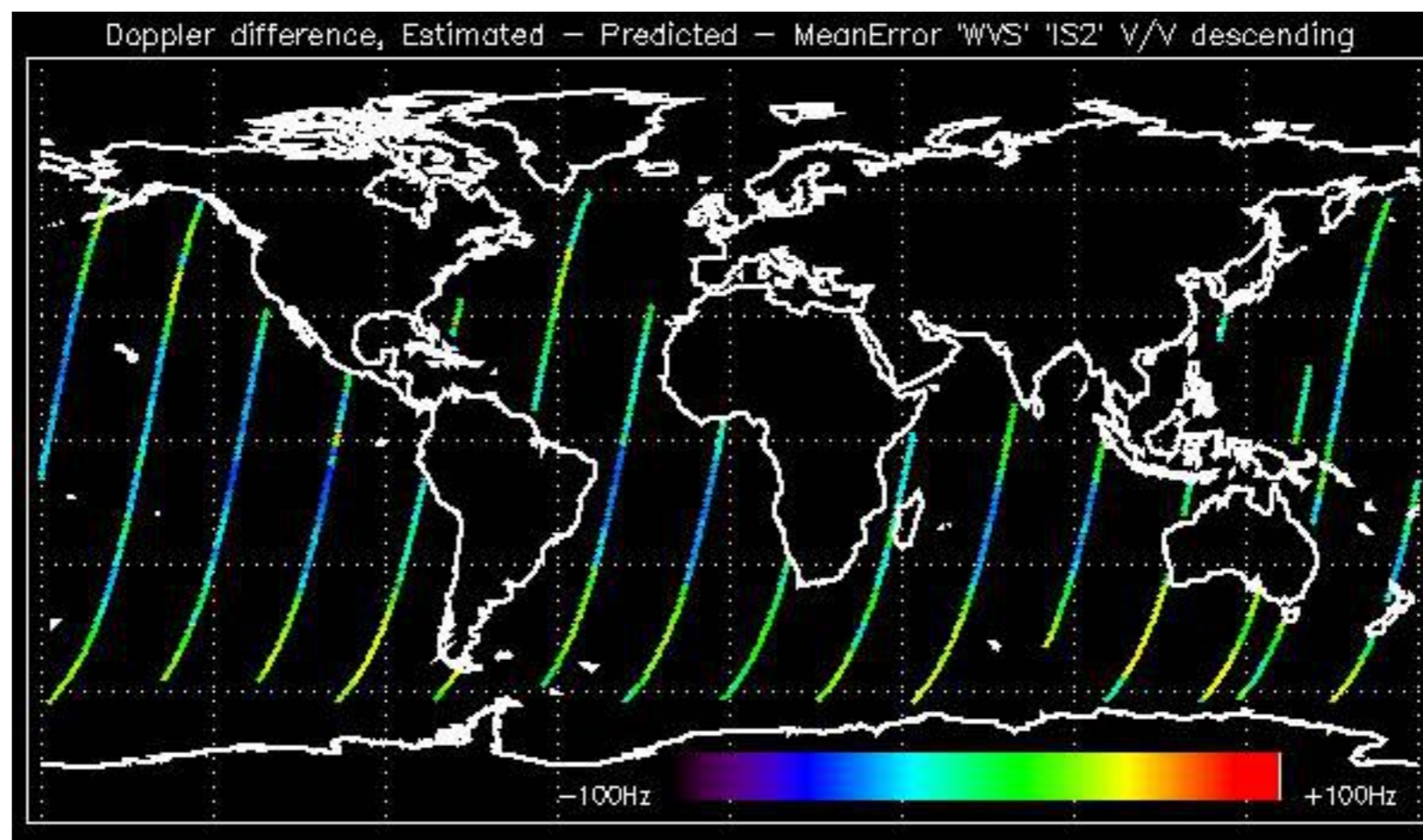


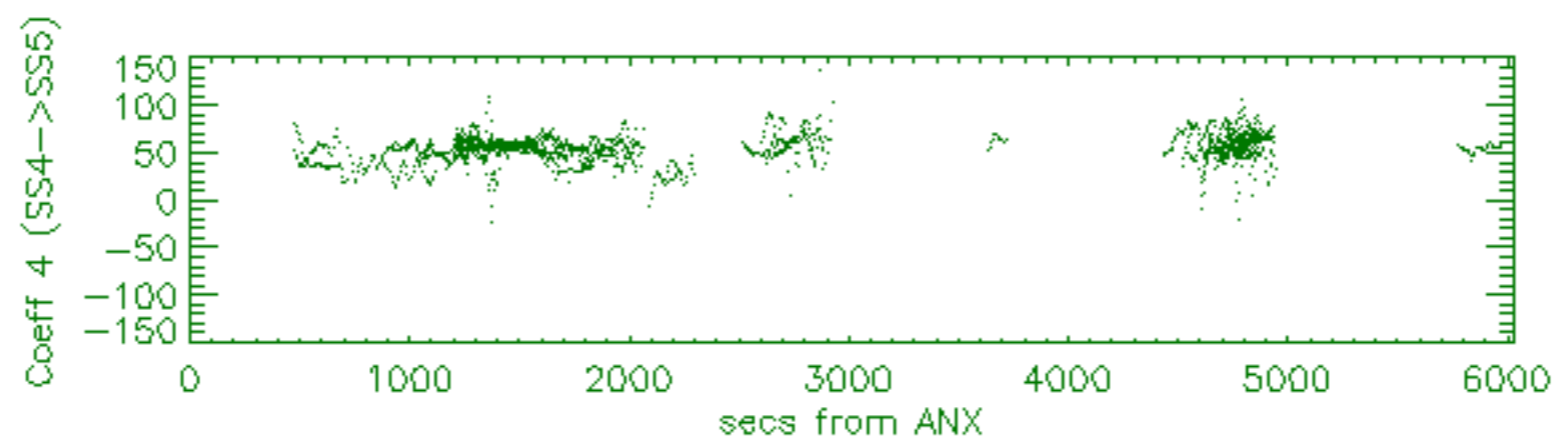
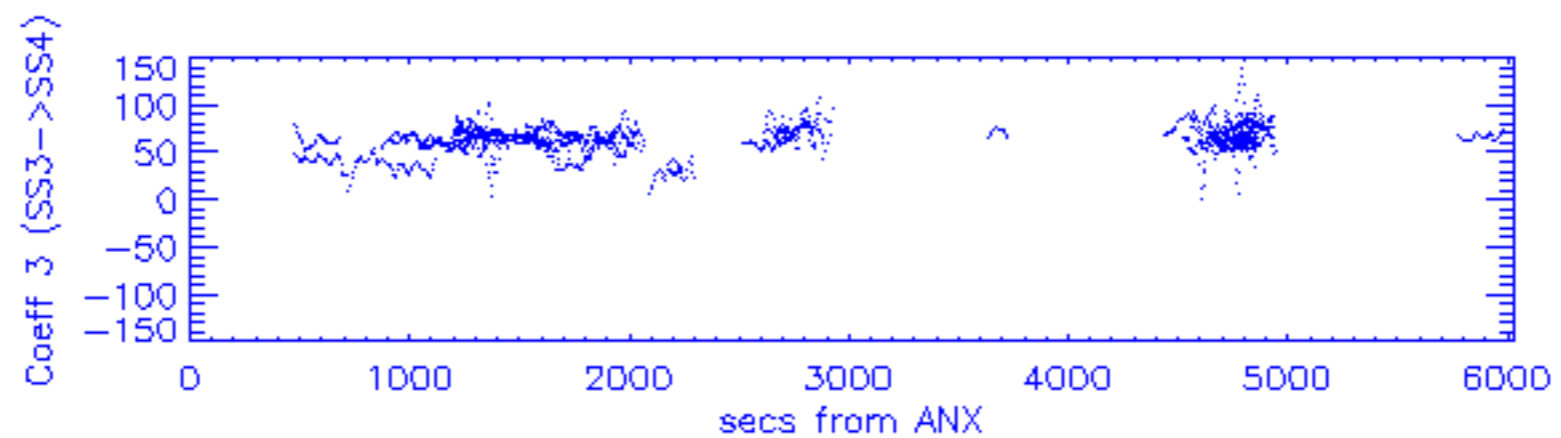
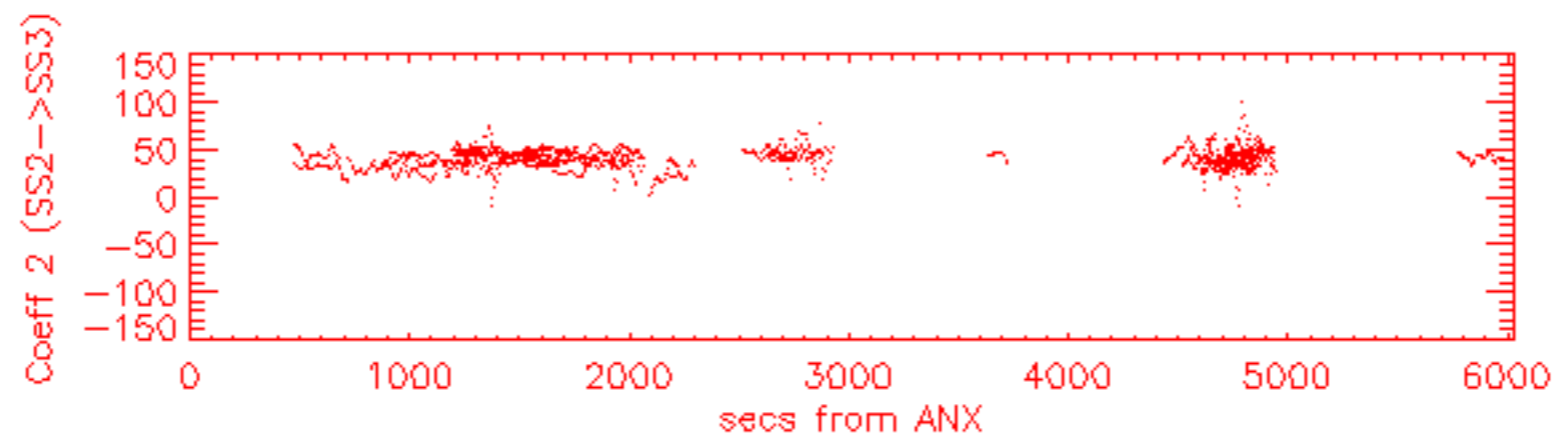
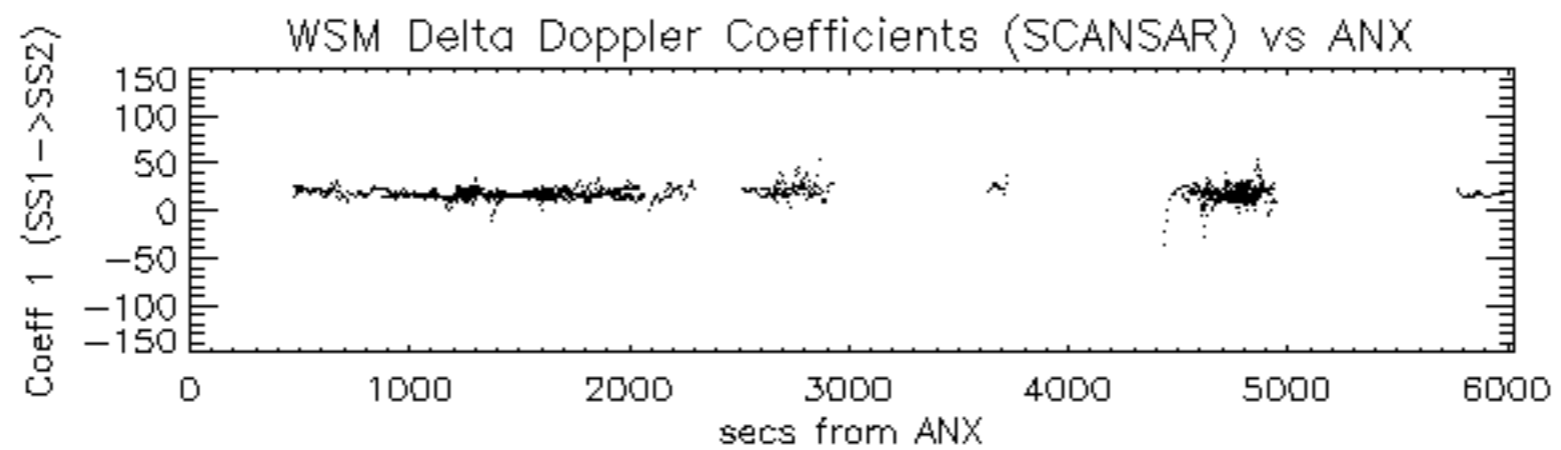


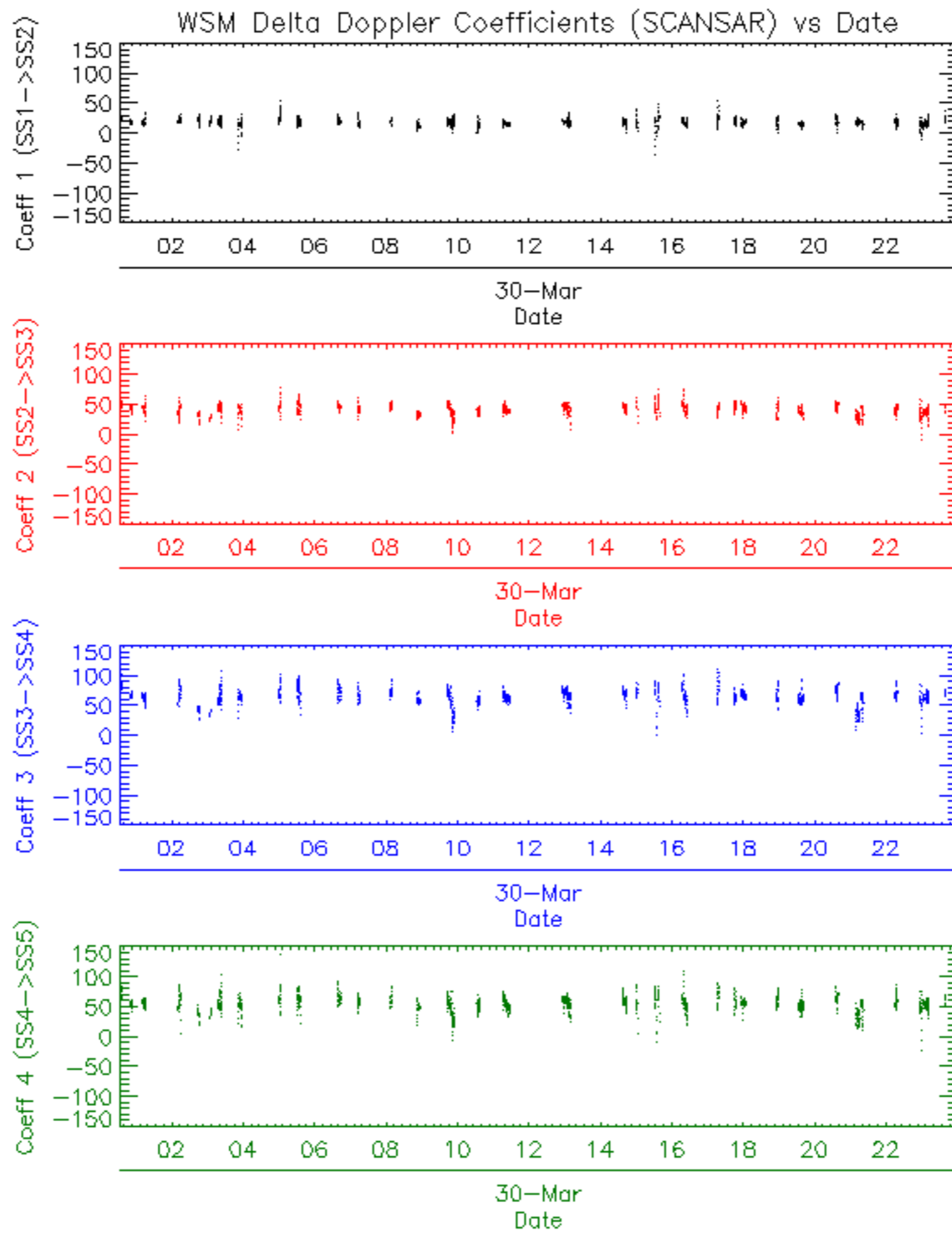


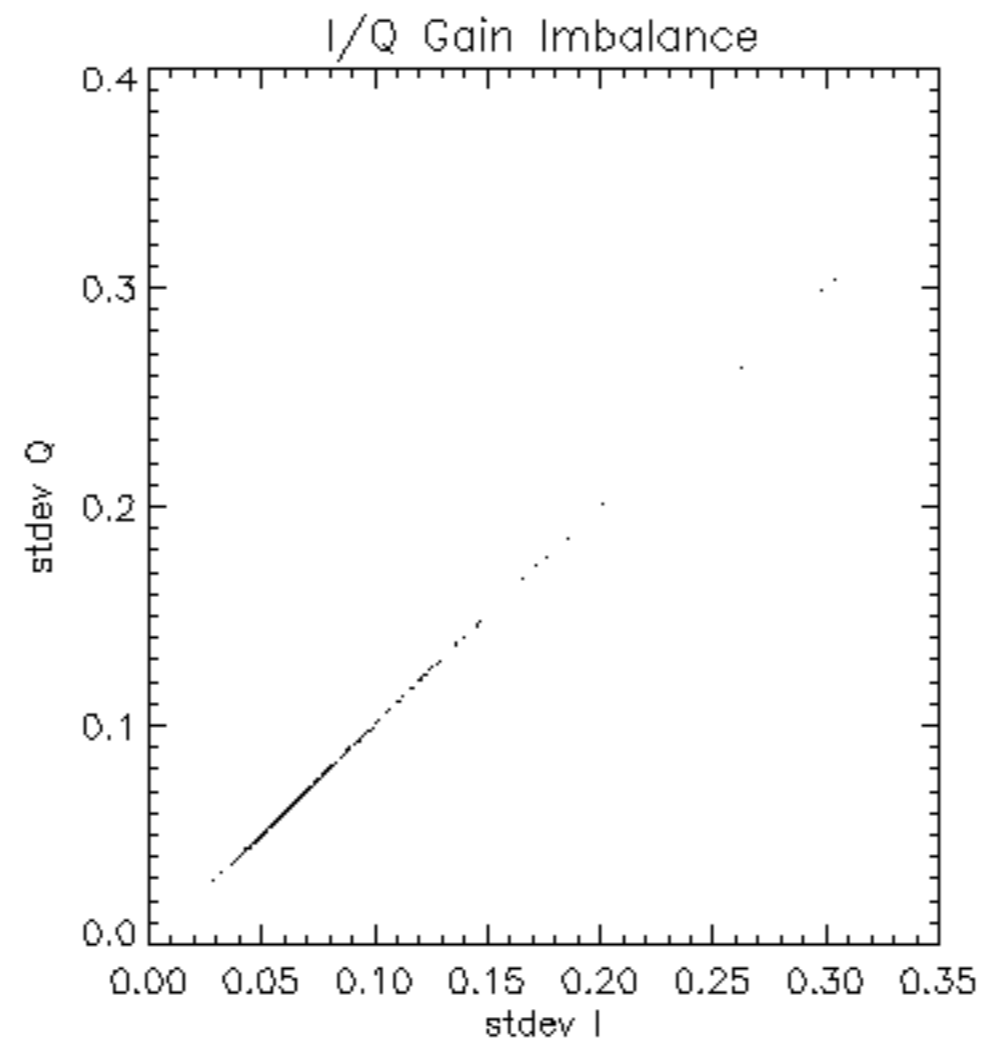


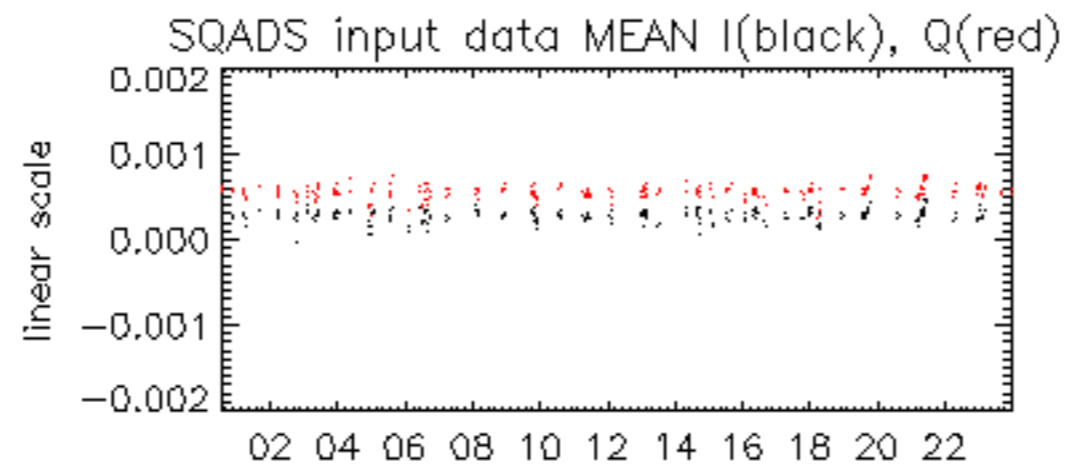




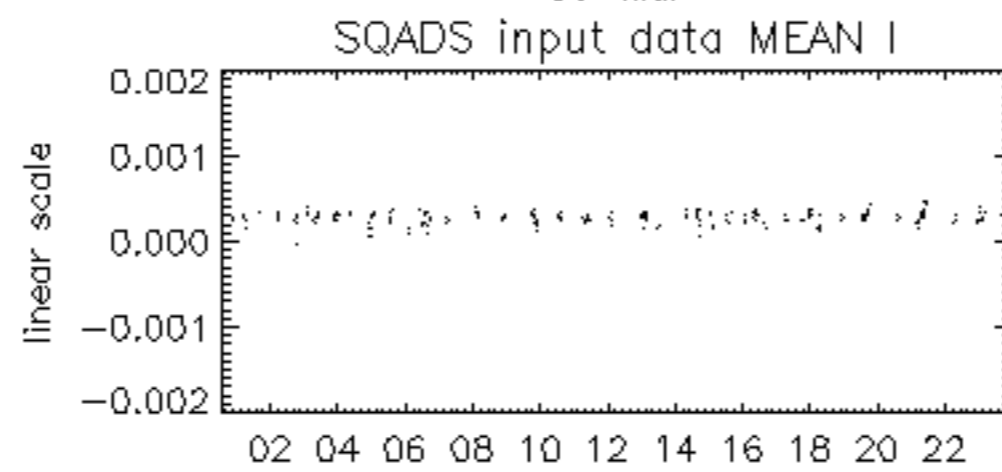




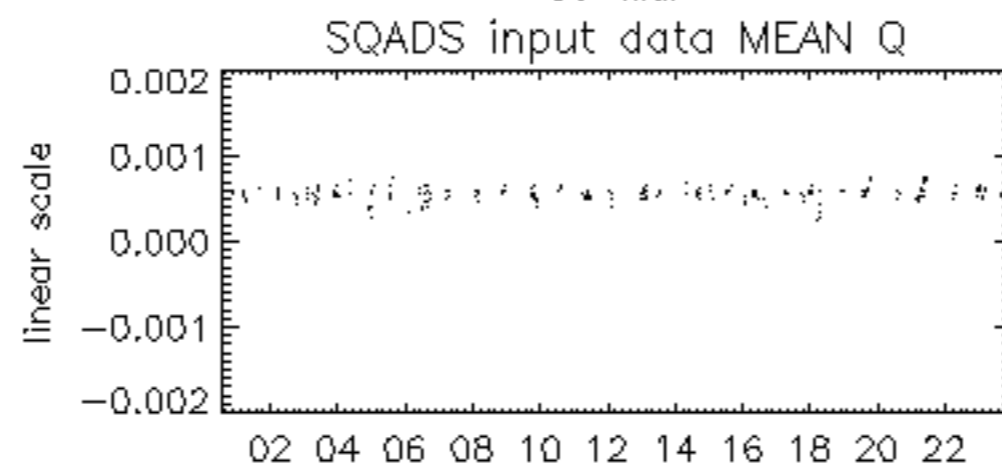




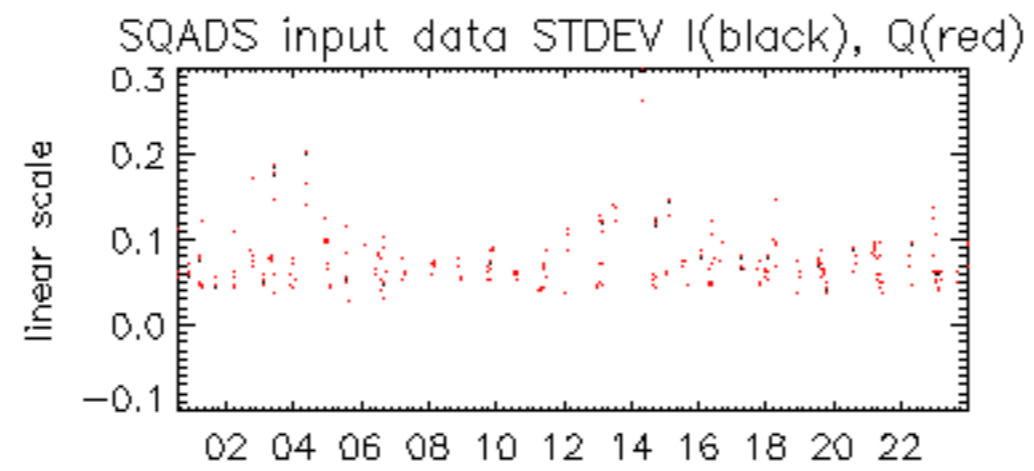
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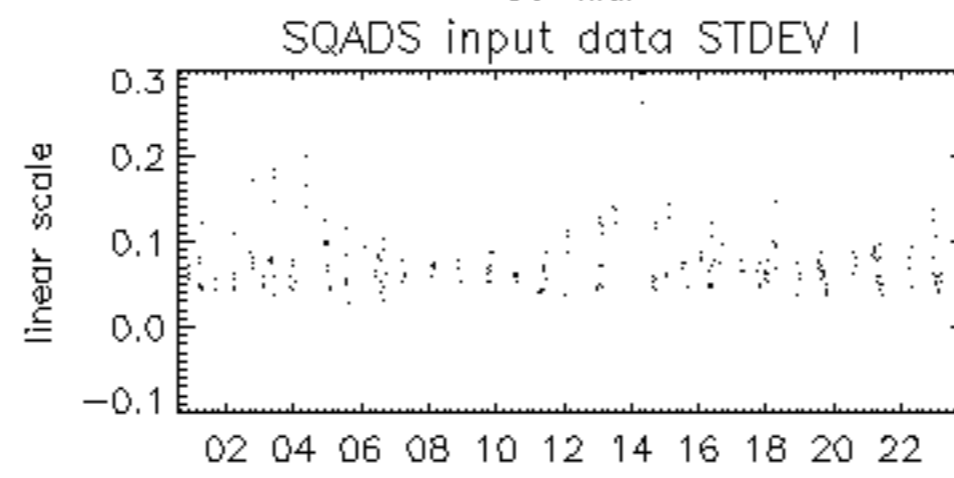
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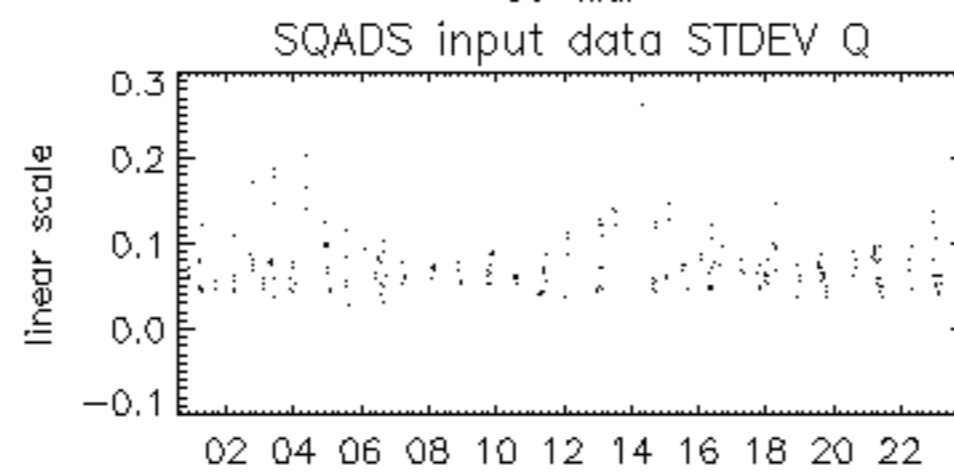
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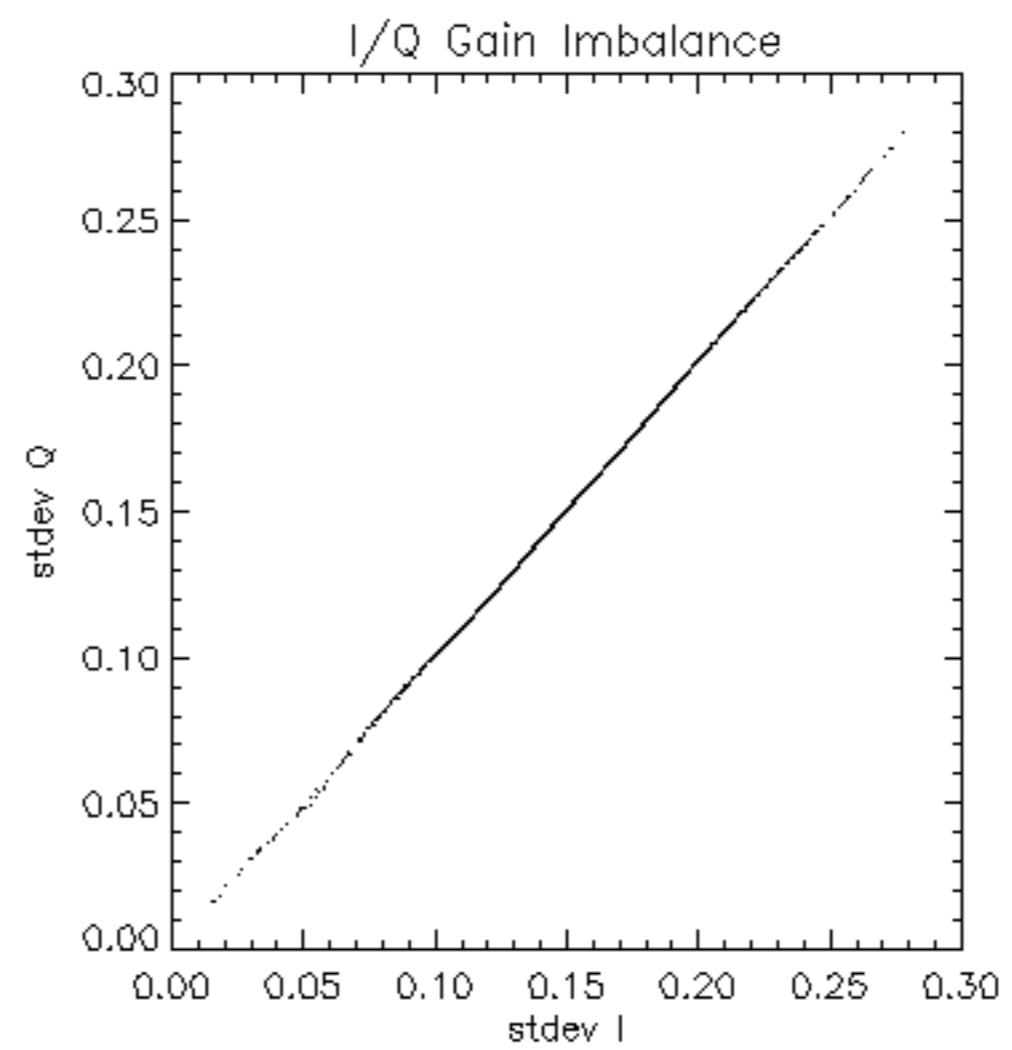
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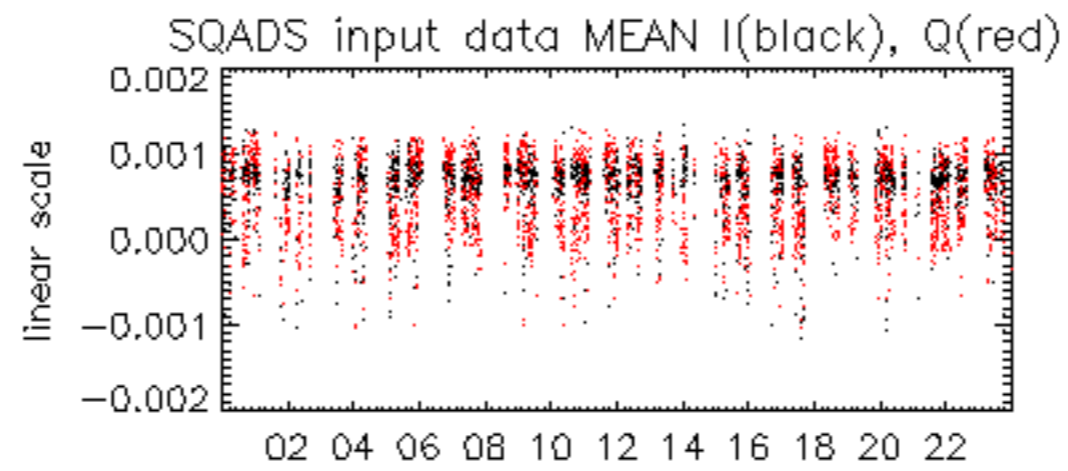


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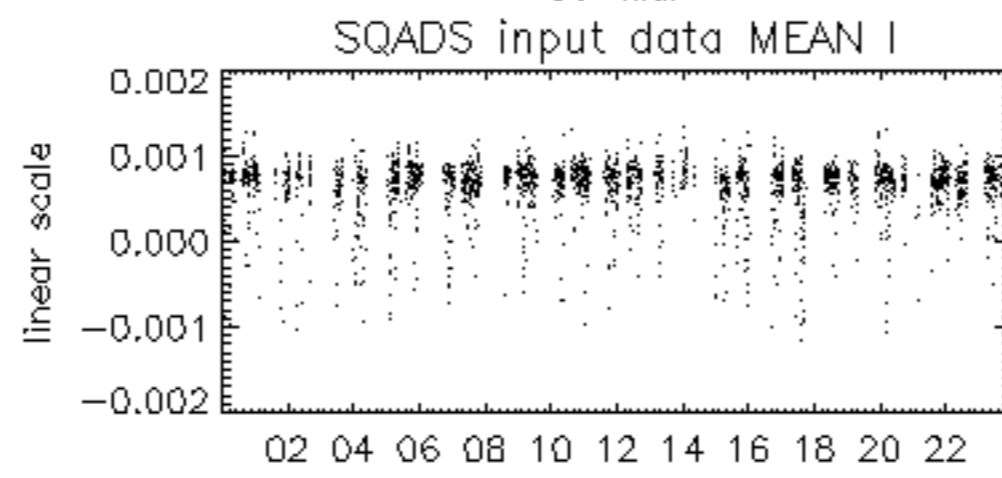


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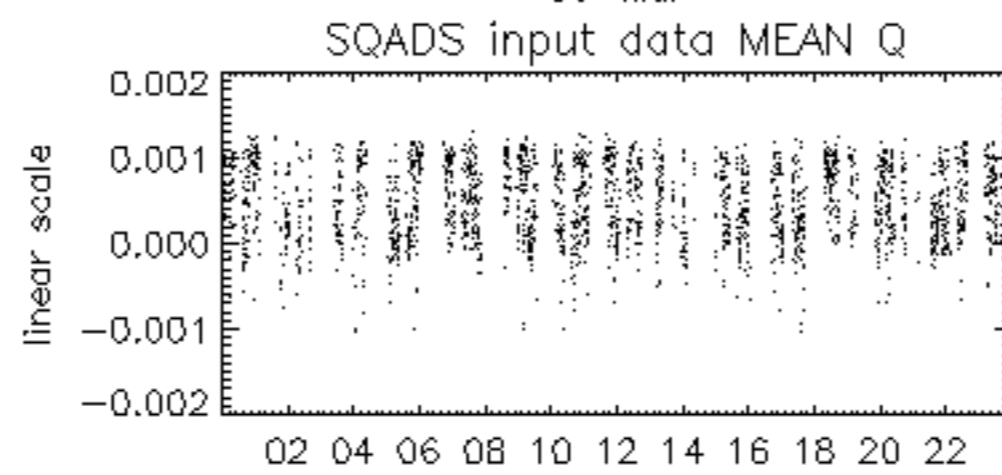




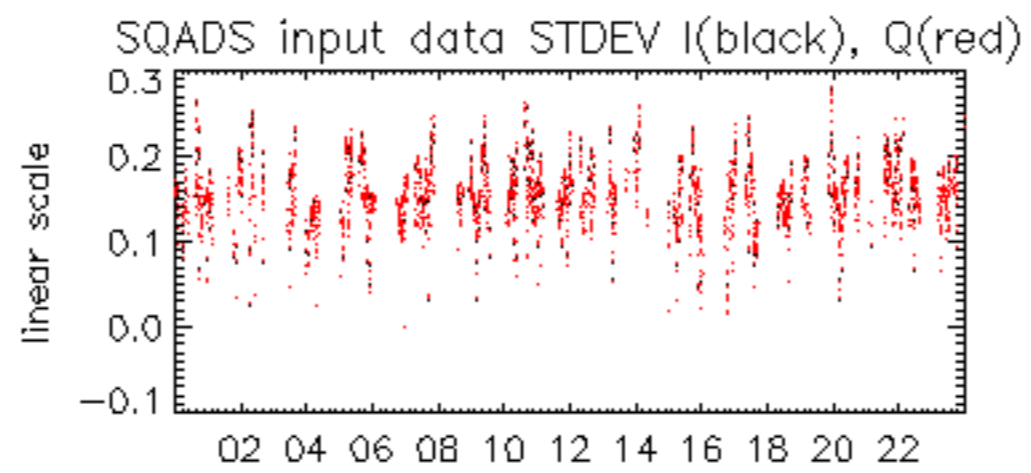
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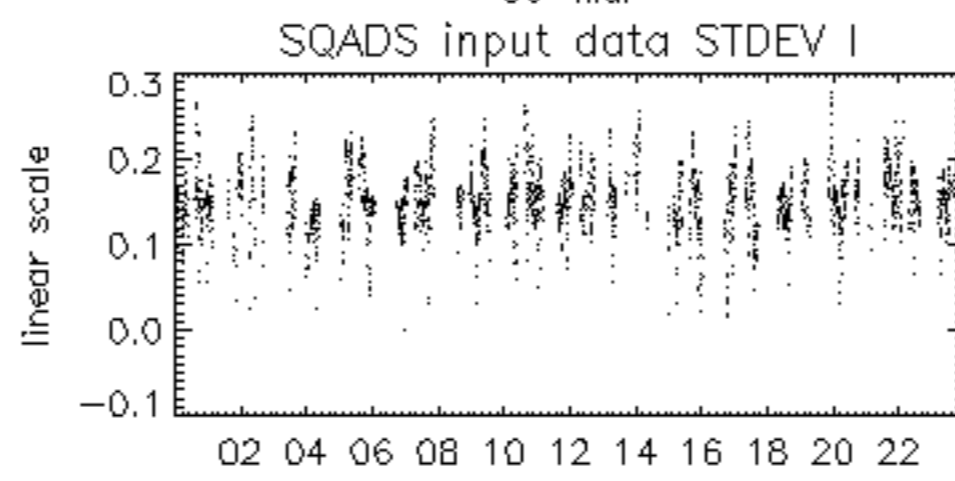
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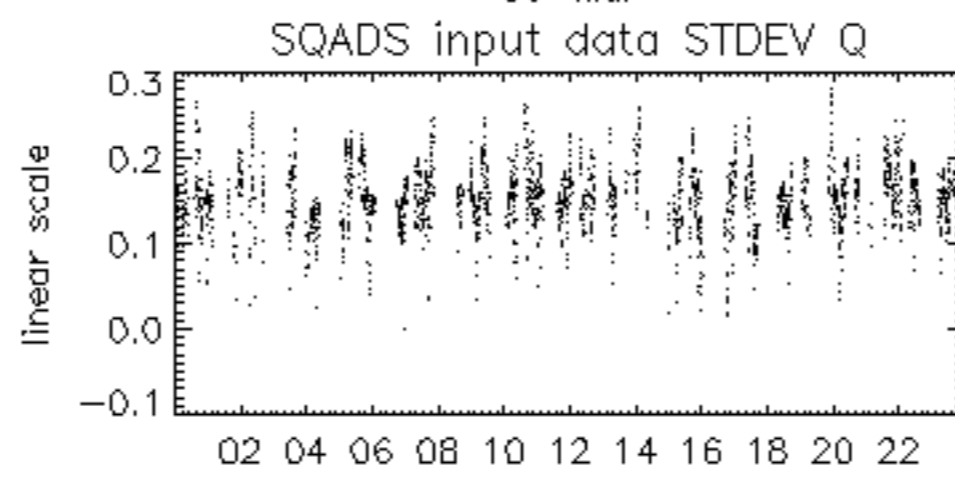
30-Mar



30-Mar



30-Mar



30-Mar

