



ASAR Daily Report



Analysis from 21-APR-2008 00:00:00 to 21-APR-2008 23:00:02. Page generated on 21-APR-2008 23:12:08.
View log file: ASAR_Daily_Report_20080421_2300.log. For any anomalies please contact mtranfaglia@serco.it, gscarpino@serco.it.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	27	PDE	IS1	H/H	1	PDE	IS2	V/V	11	PDE	WS	H/H	31	PDK	2008-04-21 18:05:07	V	320
PDE	IS2	V/V	19	PDK	WS	H/H	42	PDE	IS4	H/H	1	PDE	IS3	H/H	1	PDE	WS	V/V	4				
PDK	IS2	V/V	22					PDE	IS6	V/H	1	PDE	IS4	V/V	1	PDK	WS	H/H	1				
								PDK	IS1	H/H	1	PDE	IS6	V/V	1								
								PDK	IS2	H/H	1	PDK	IS2	V/V	3								
												PDK	IS5	H/H	1								

1.2 - Lists of products used

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[TXT] [XLS] List_WVS_products_used
 [TXT] [XLS] List_GM1_products_used
 [TXT] [XLS] List_APM_products_used
 [TXT] [XLS] List_IMM_products_used
 [TXT] [XLS] List_WSM_products_used
 [TXT] [XLS] List_MS_products_used

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20071218_084201_20070204_165113_20081231_000000
ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20071218_082742_20070204_165113_20081231_000000

2.2 - Products with wrong ADFs

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

[TXT] [XLS] Check_ADFs_WVS
 [TXT] [XLS] Check_ADFs_GM1
 [TXT] [XLS] Check_ADFs_APM
 [TXT] [XLS] Check_ADFs_IMM
 [TXT] [XLS] Check_ADFs_WSM

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

After antenna maintenance (2005-09-22/23)

Reference: 2005-09-23 05:55:14 V RxGain
 Test : 2008-04-21 18:05:07 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

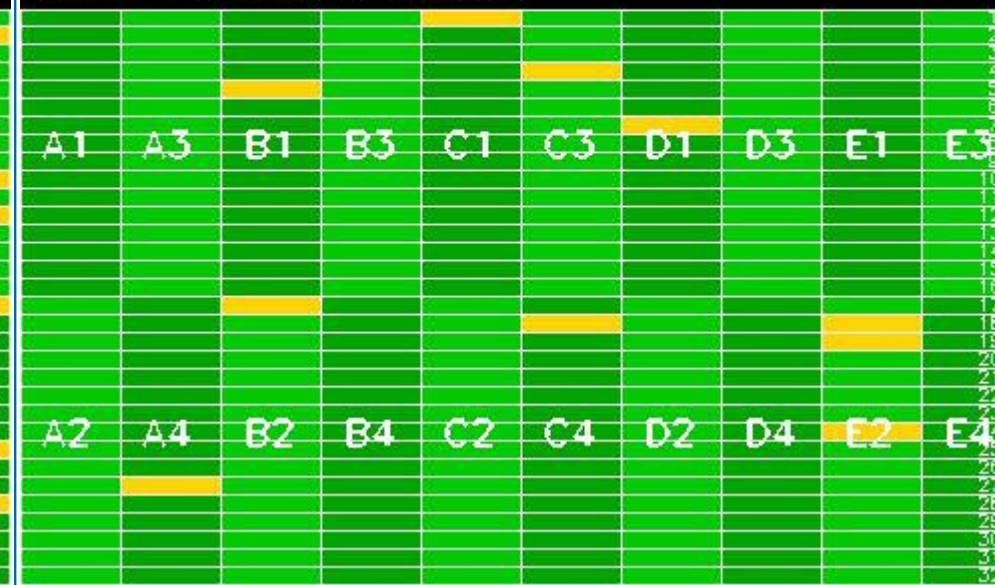
Reference: 2008-04-19 20:48:57 V RxGain
 Test : 2008-04-21 18:05:07 V



Reference: 2005-09-23 05:55:14 V RxPhase
 Test : 2008-04-21 18:05:07 V



Reference: 2008-04-19 20:48:57 V RxPhase
 Test : 2008-04-21 18:05:07 V



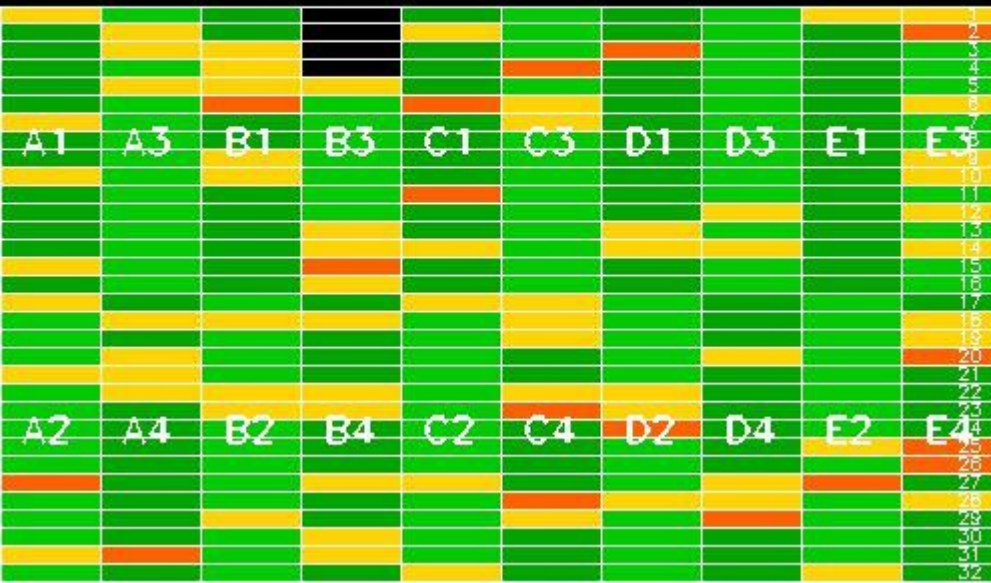


3.2 - H/H polarisation

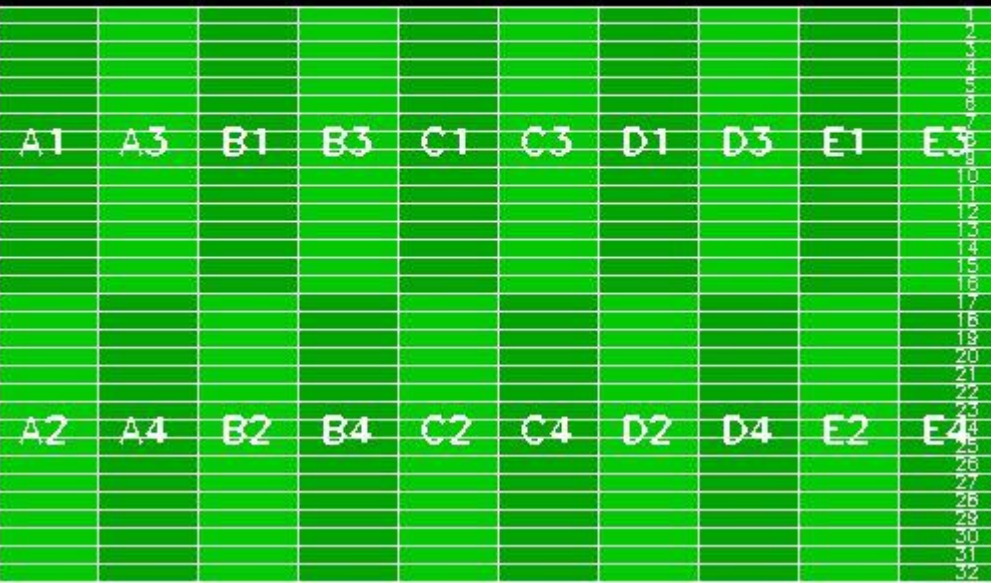
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

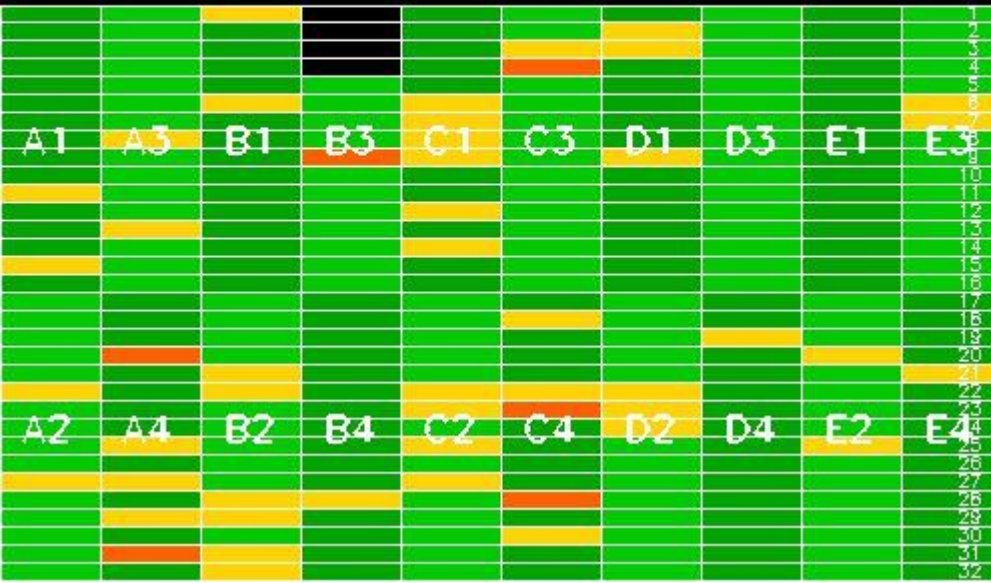
Reference: 2005-09-22 06:26:51 H RxGain
 Test : 2008-04-20 18:36:44 H



Reference: 2008-04-18 14:38:10 H RxGain
 Test : 2008-04-20 18:36:44 H

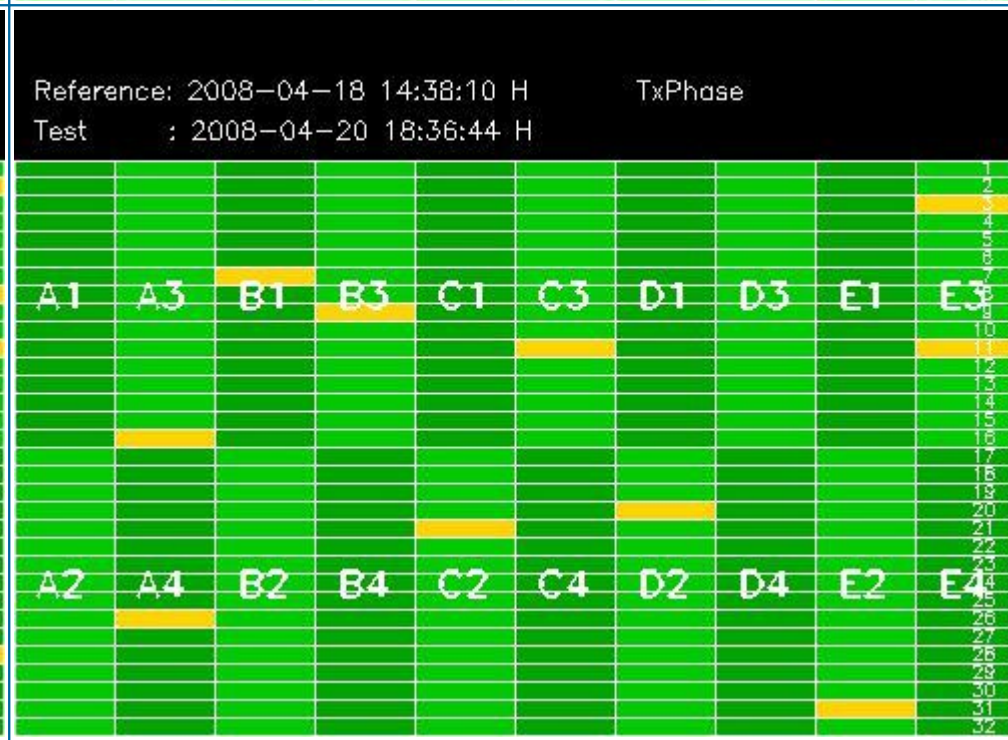
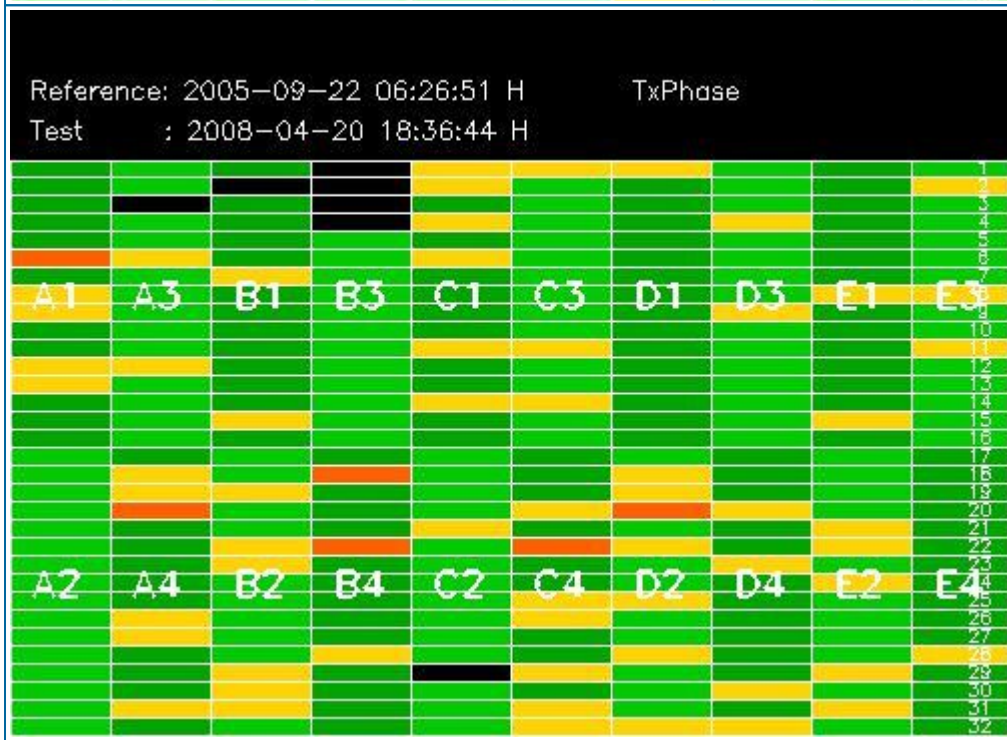
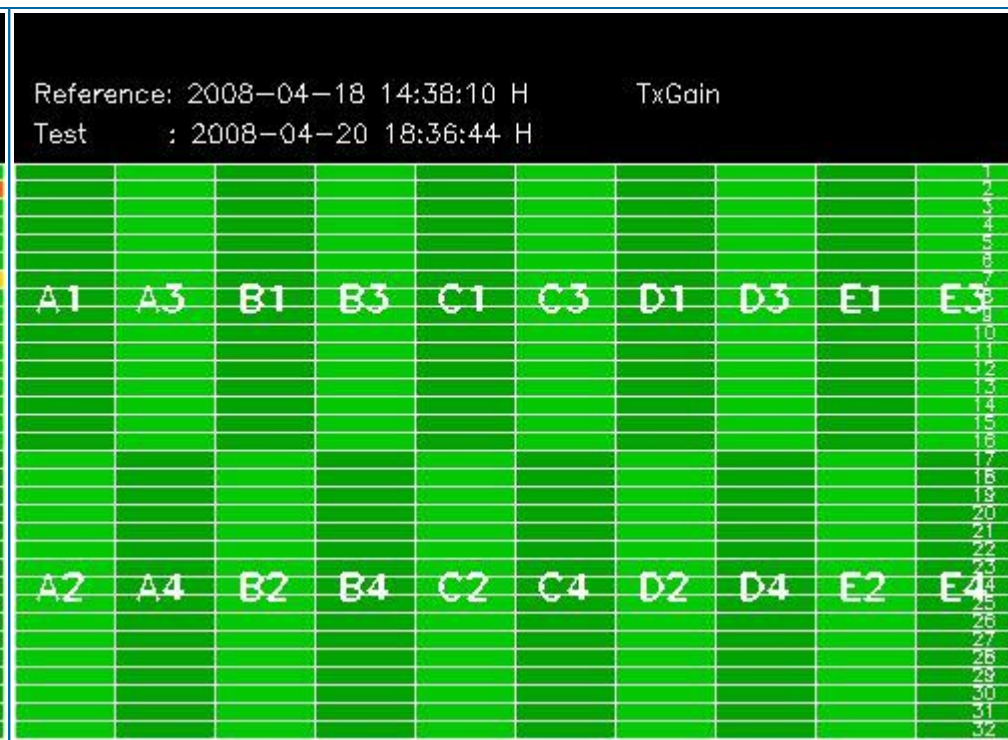


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2008-04-20 18:36:44 H



Reference: 2008-04-18 14:38:10 H RxPhase
 Test : 2008-04-20 18:36:44 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

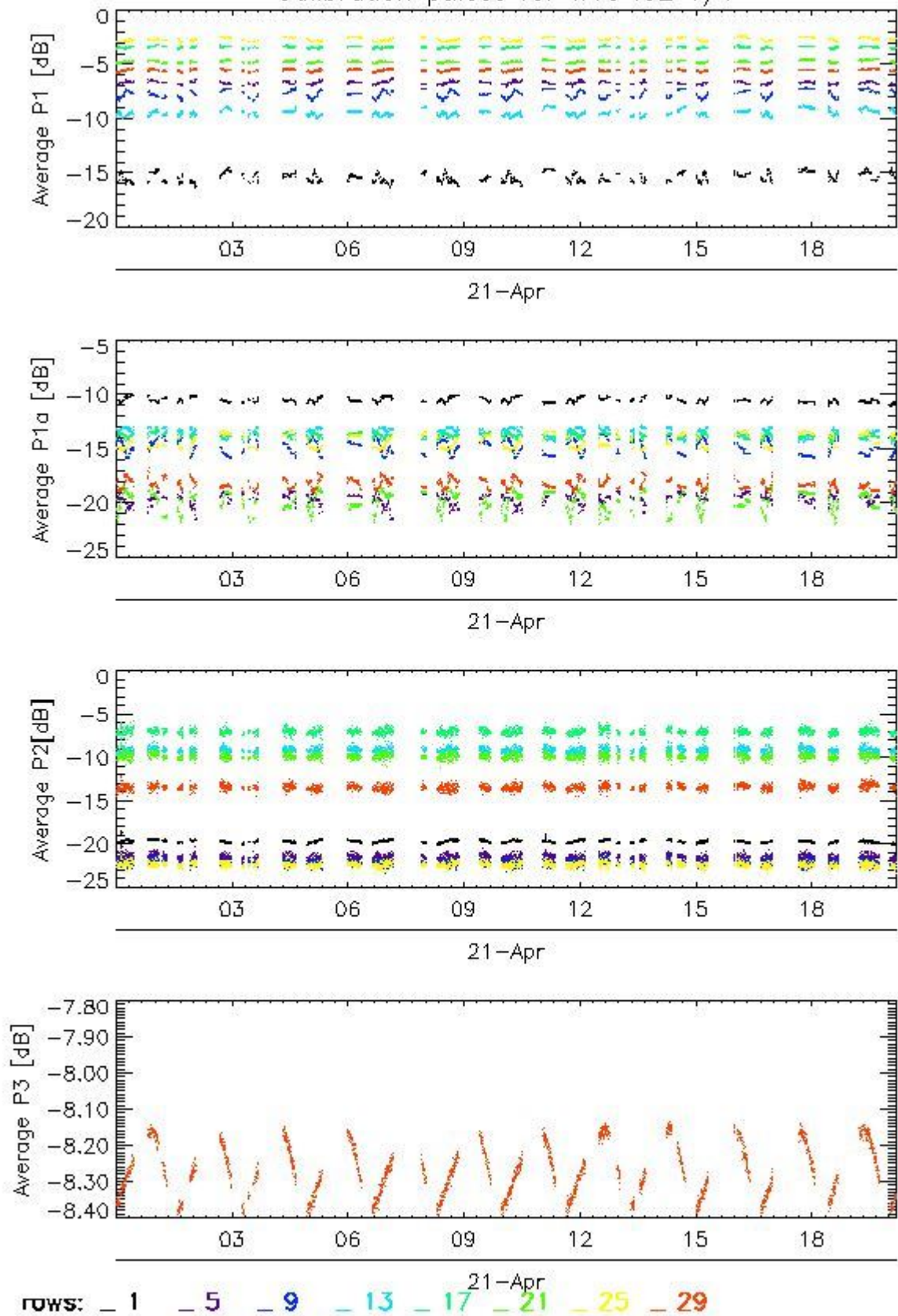
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

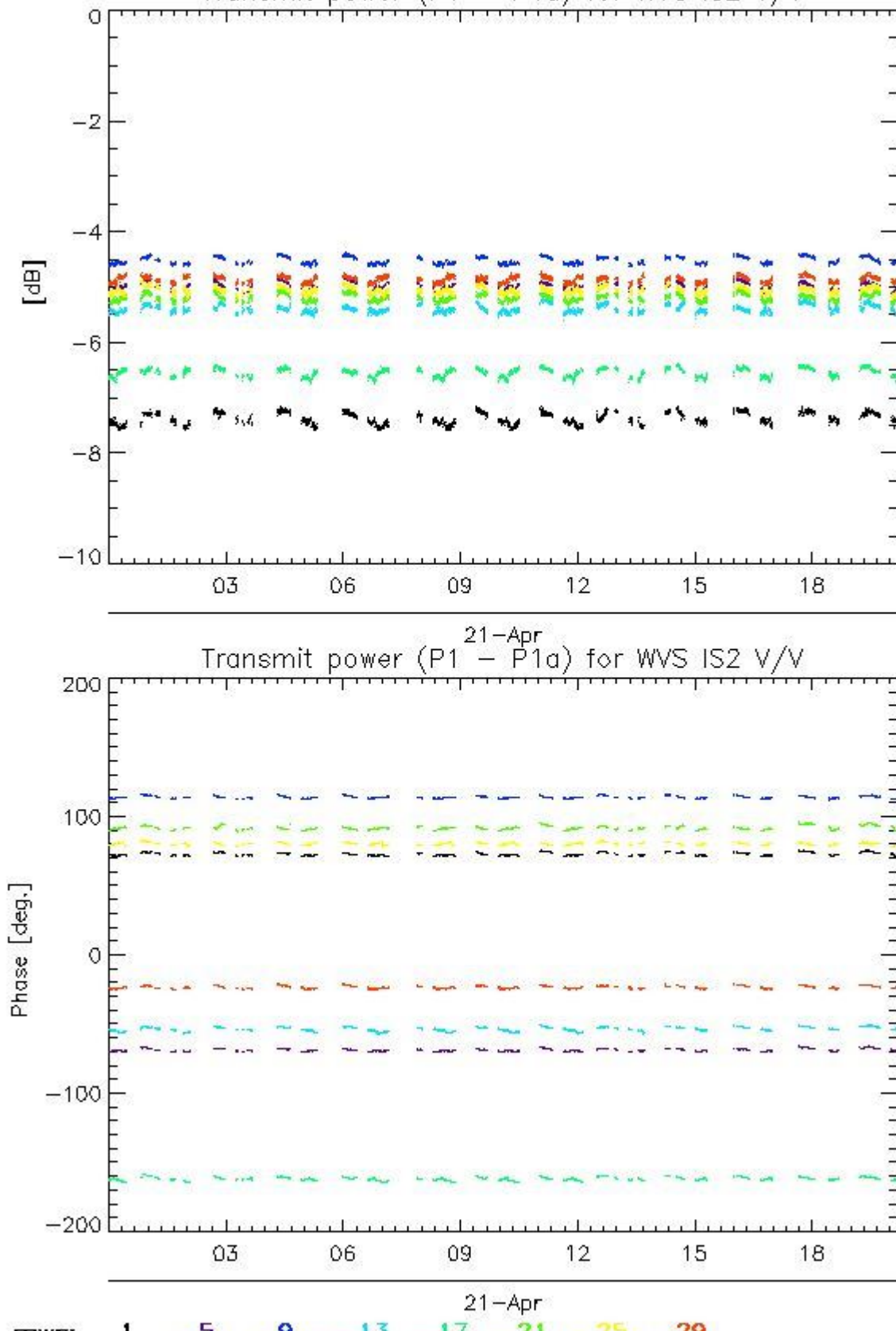
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



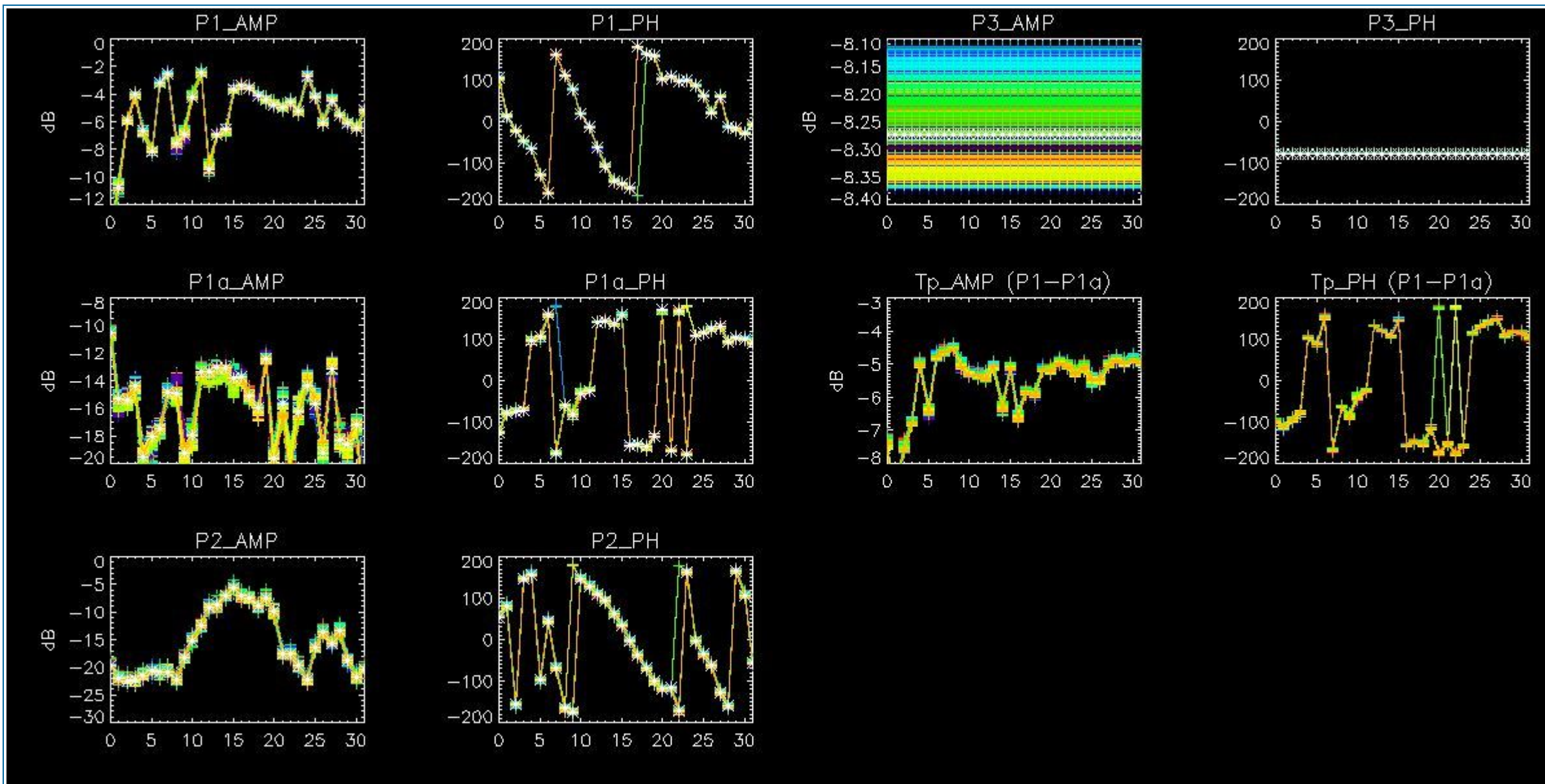
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

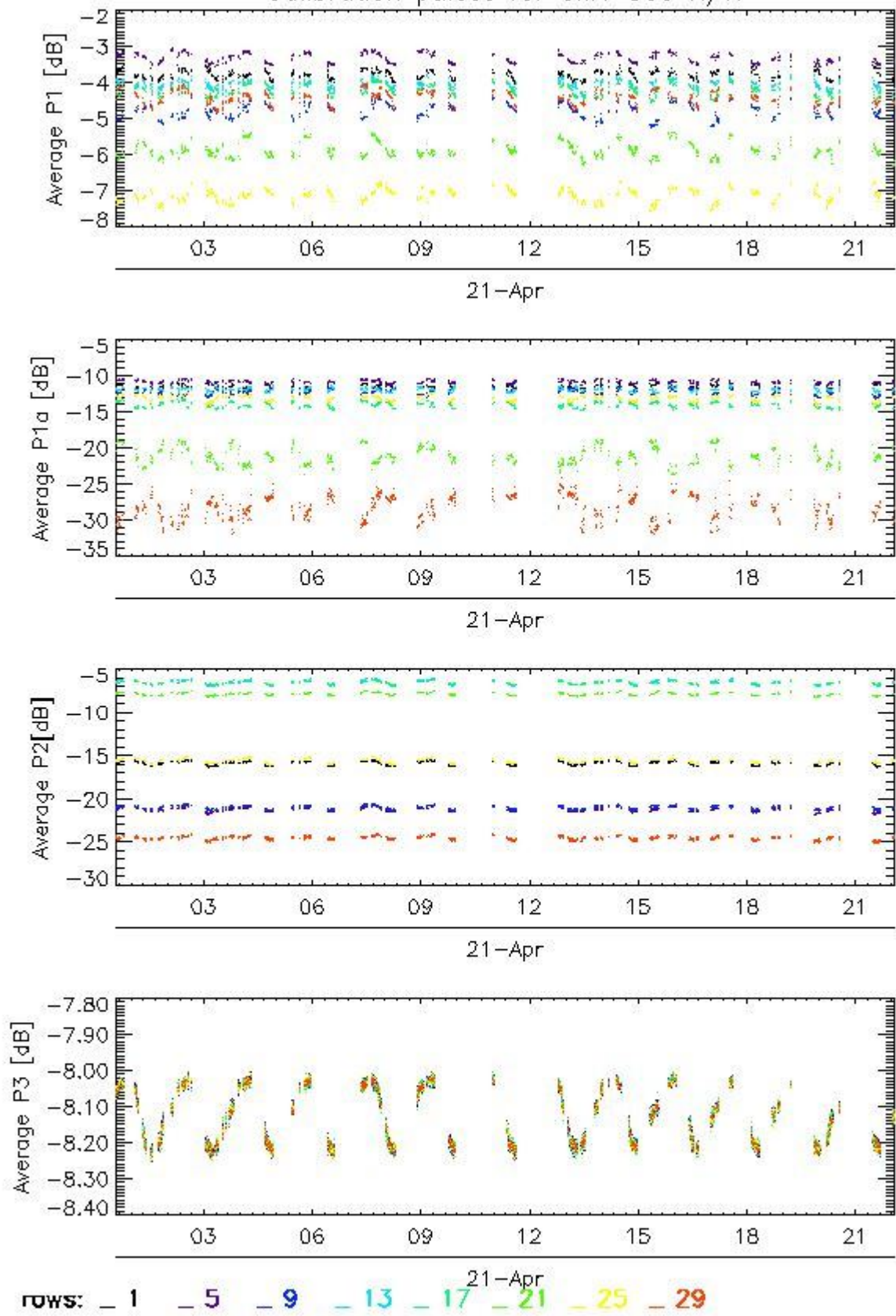
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

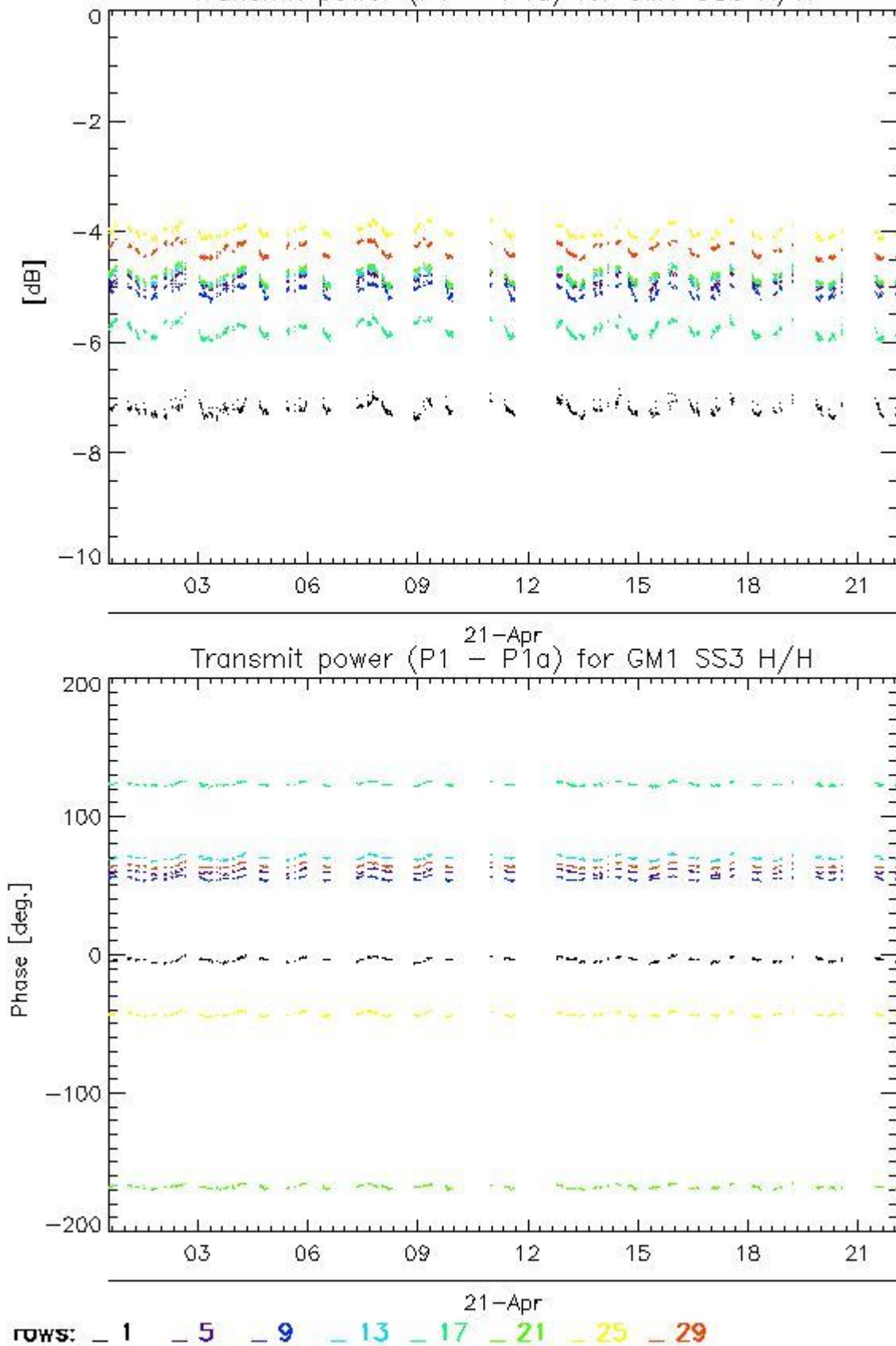
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



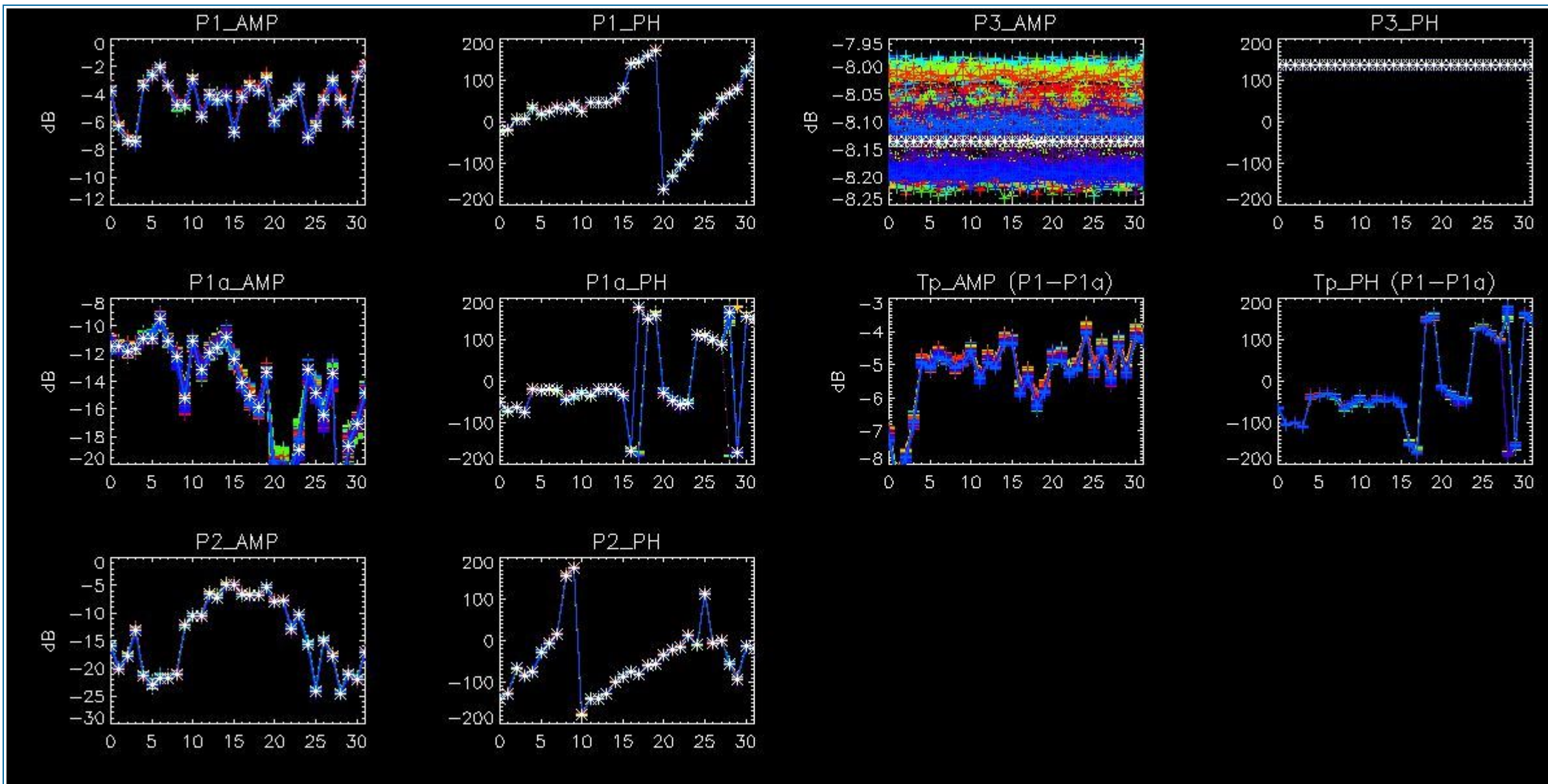
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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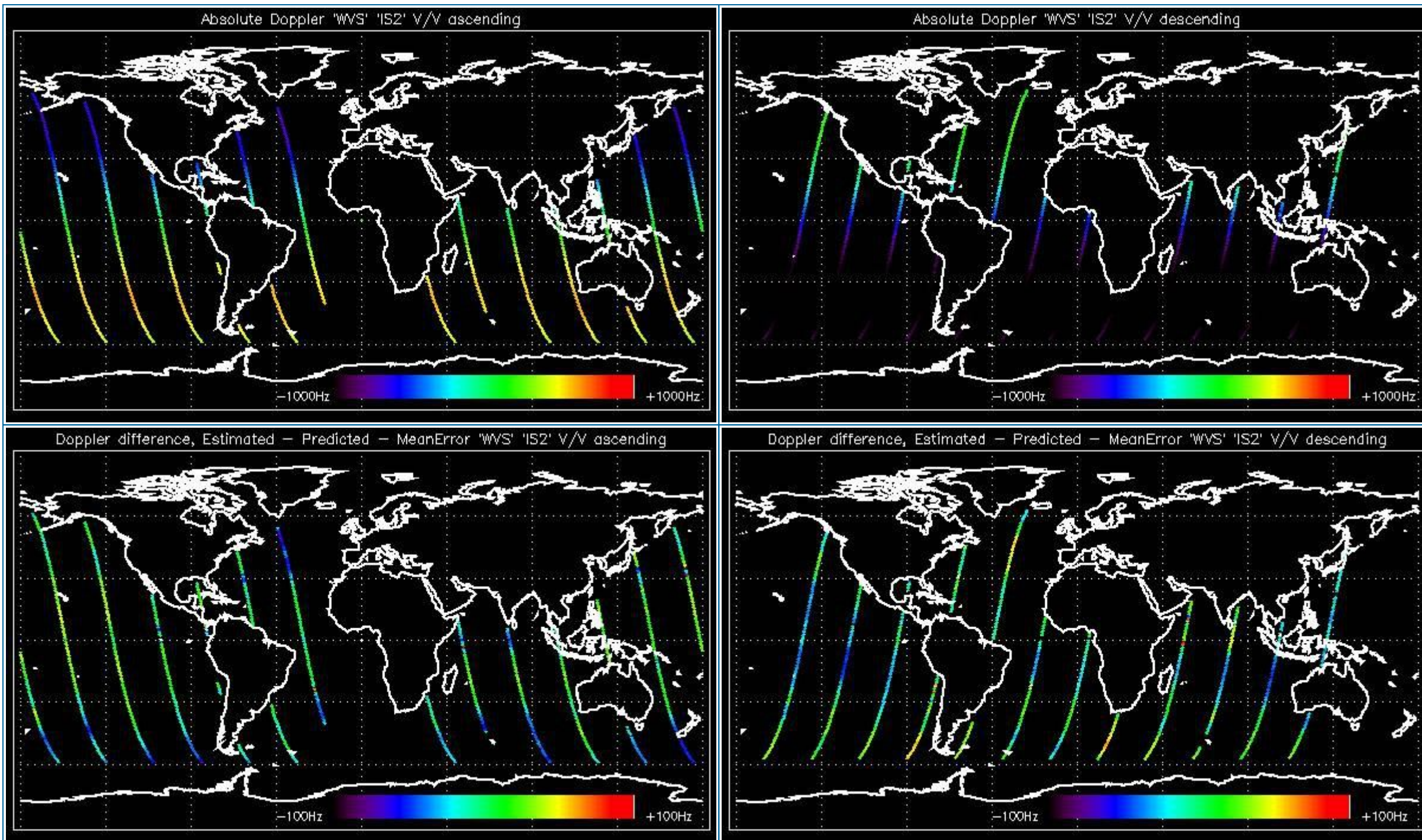
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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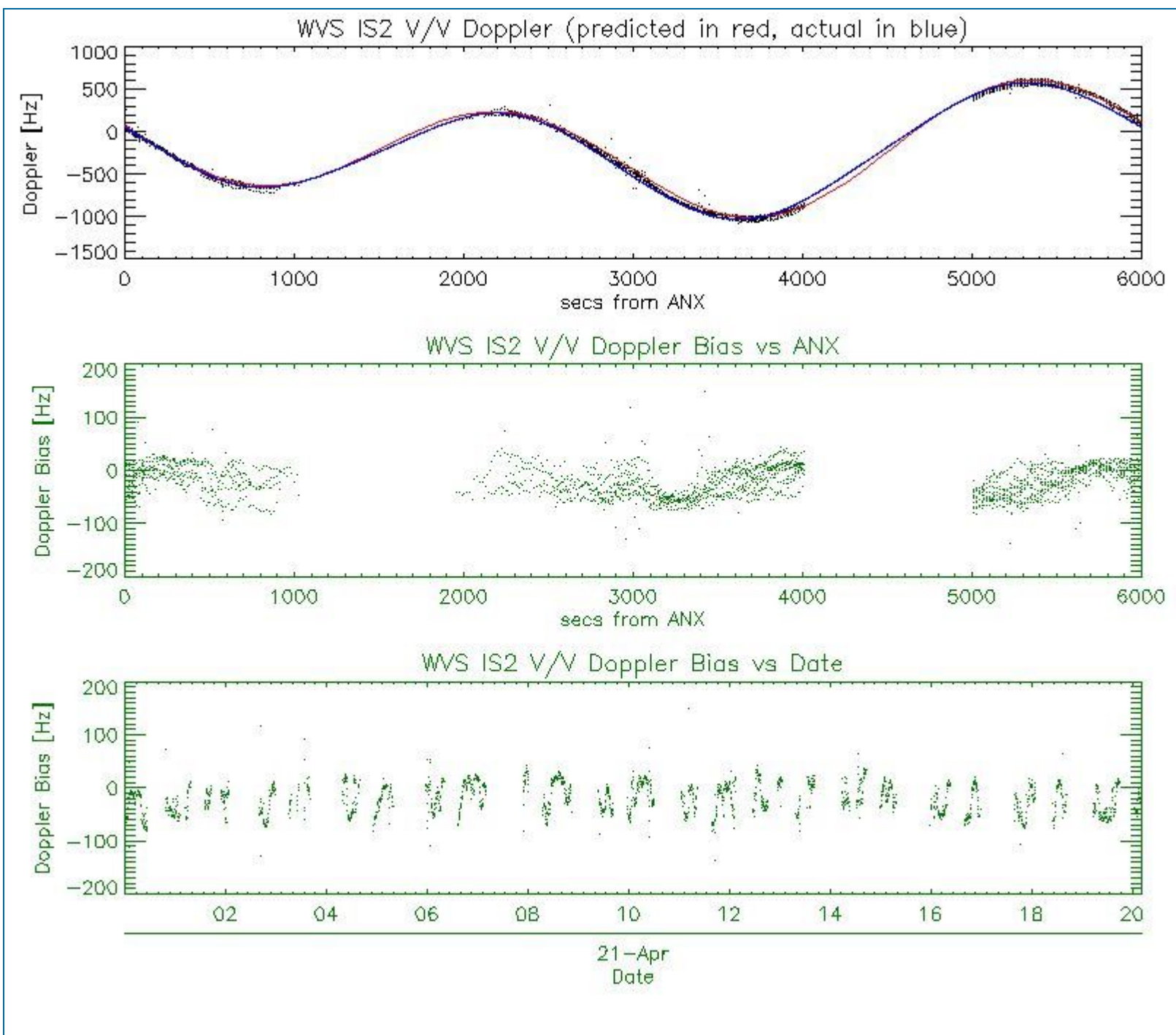




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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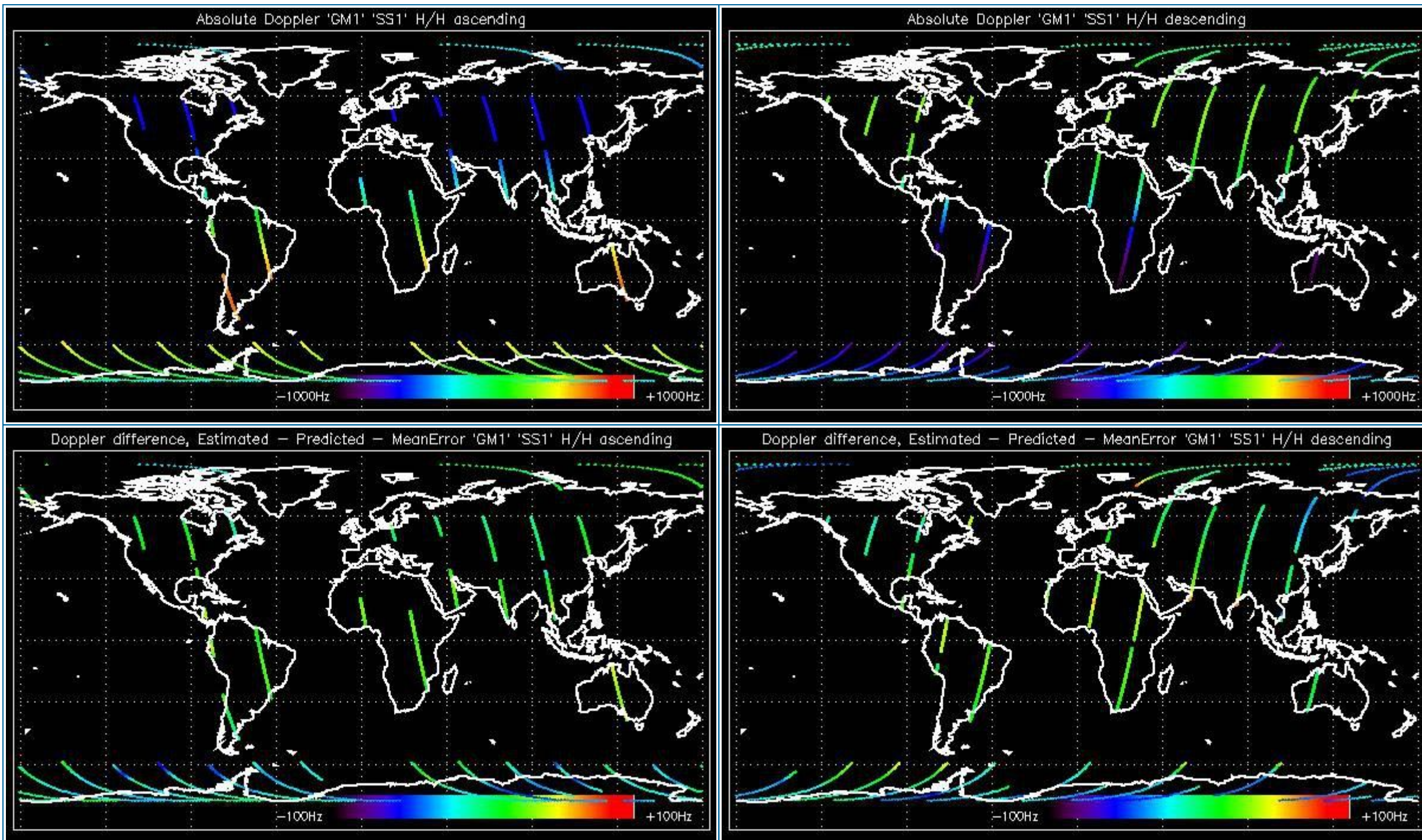


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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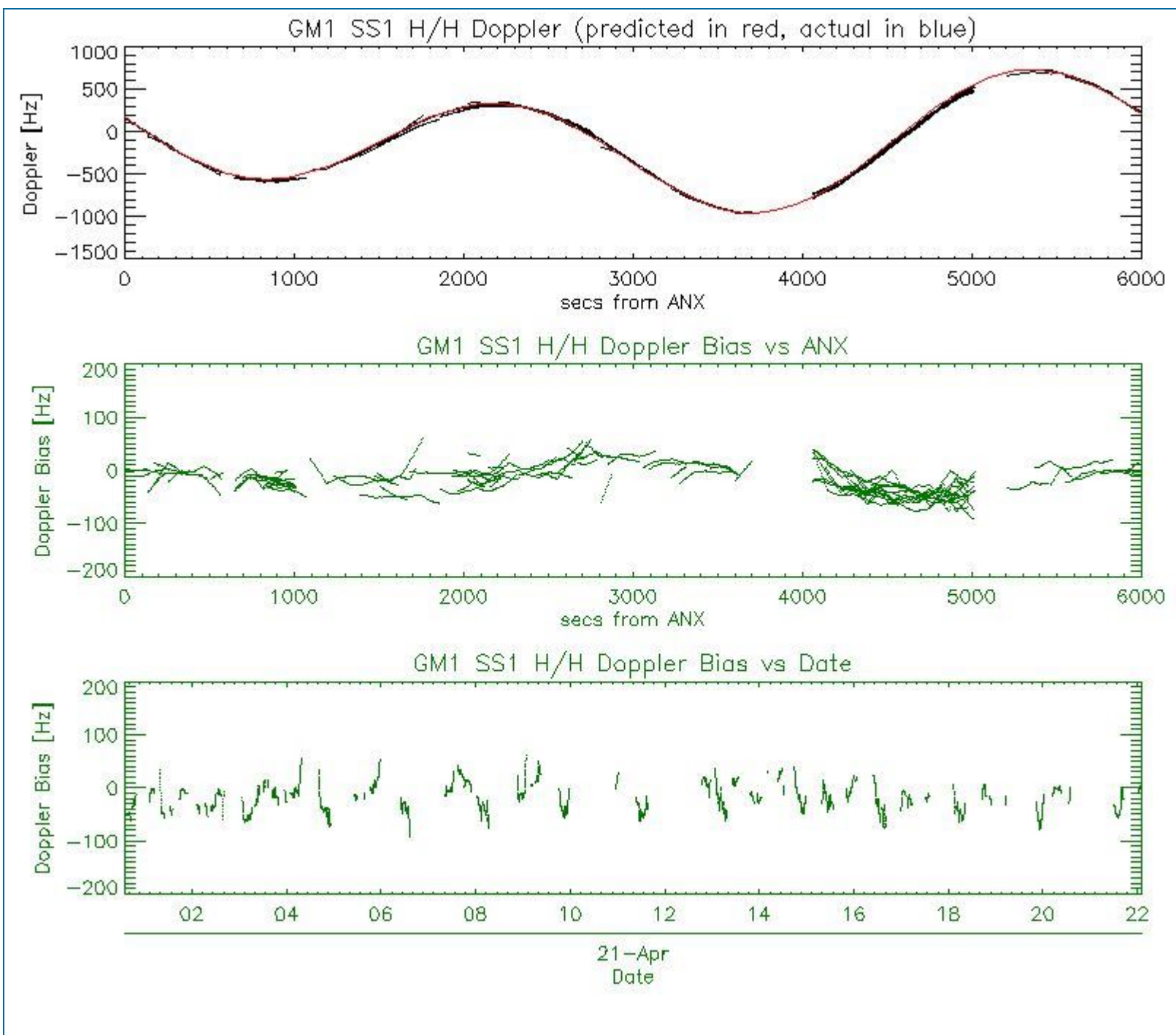




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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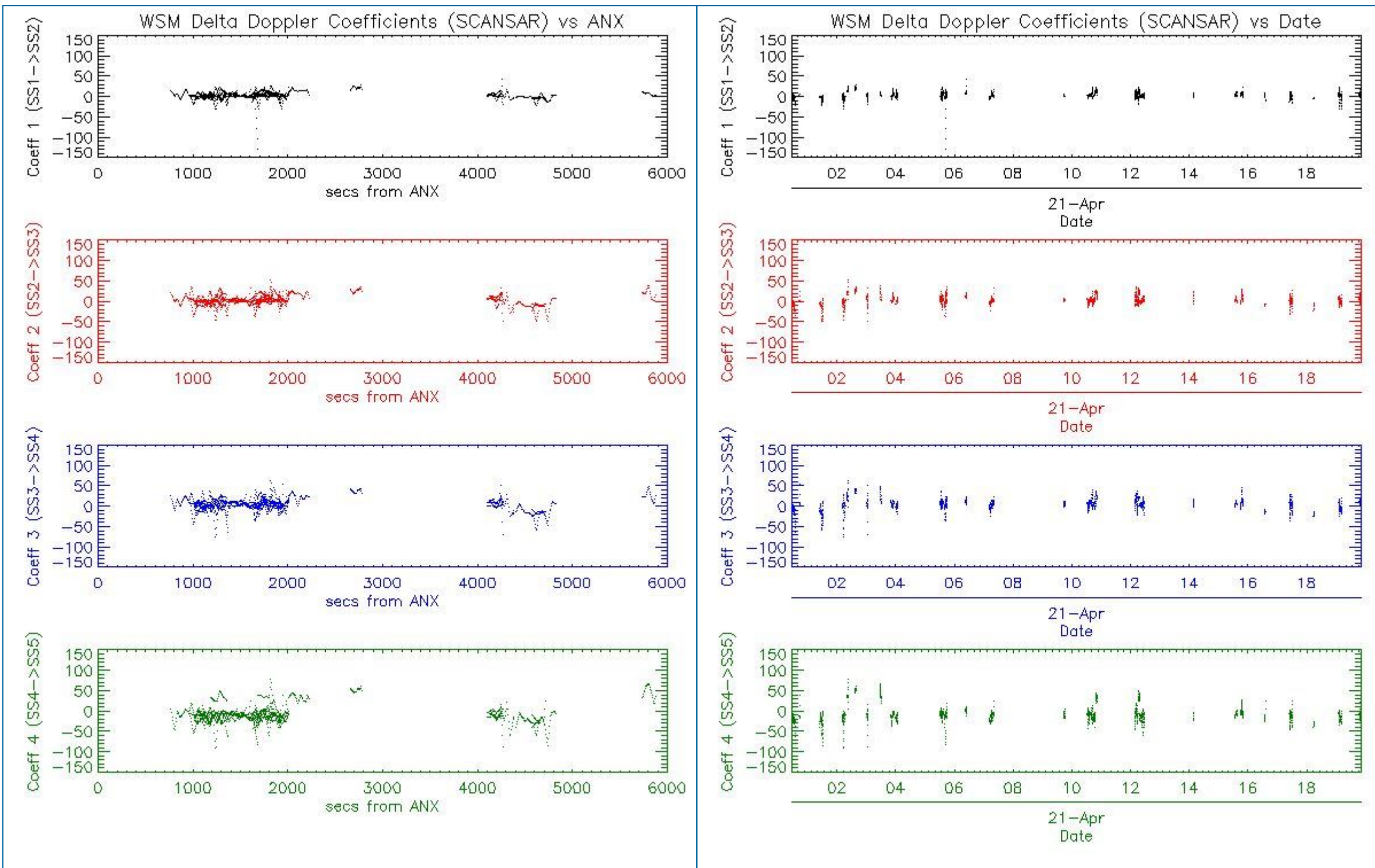




5.3 - Doppler JUMPS Analysis for WSM

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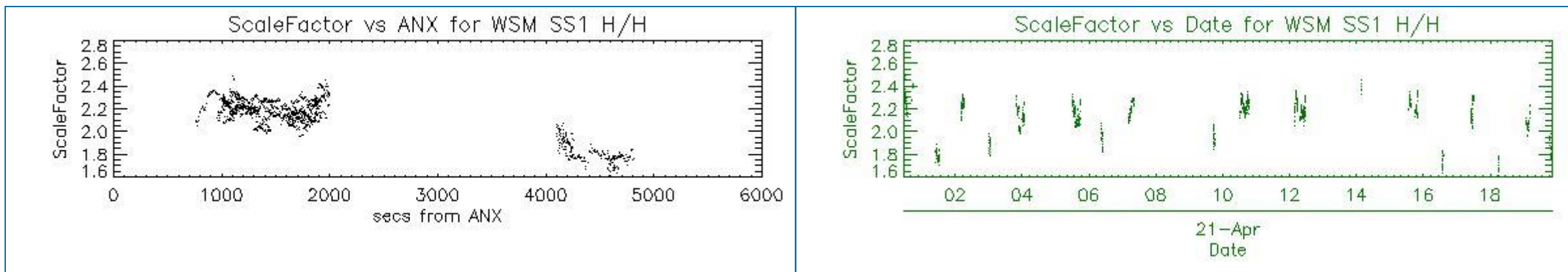
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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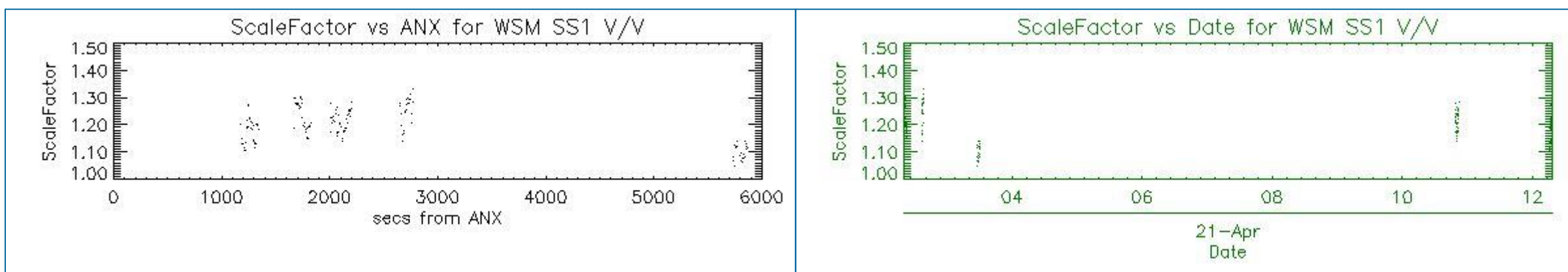




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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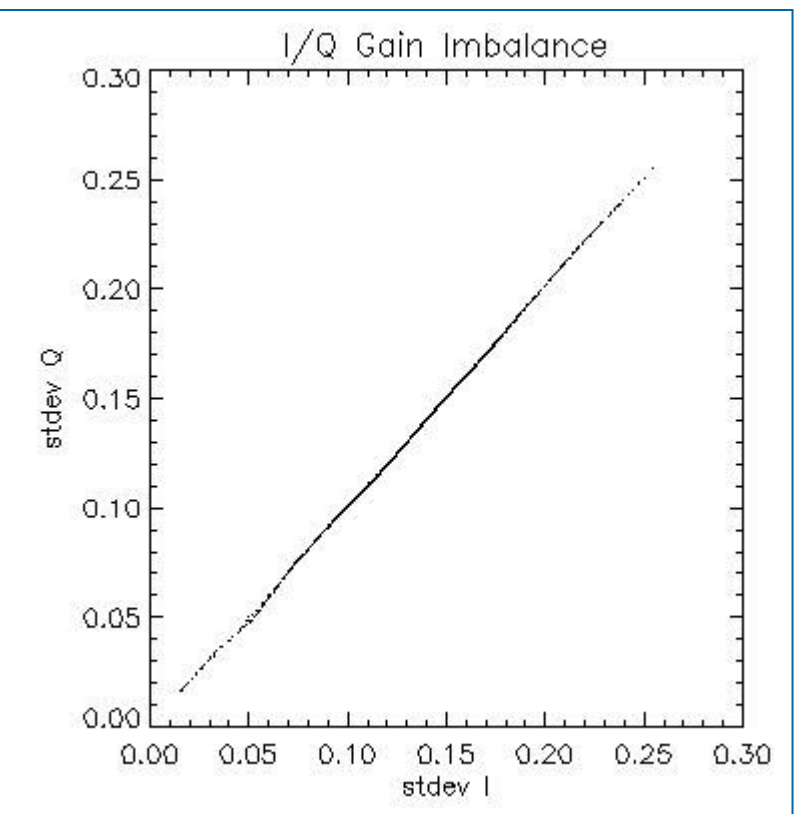
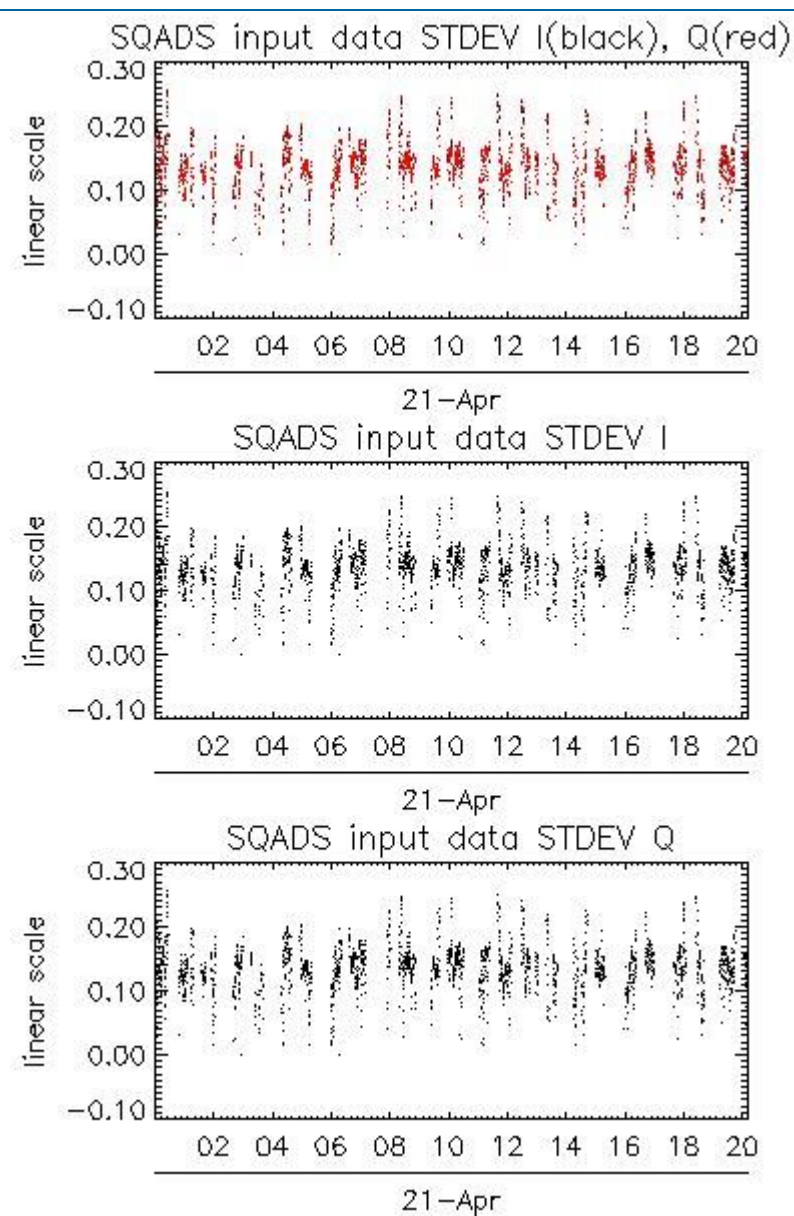
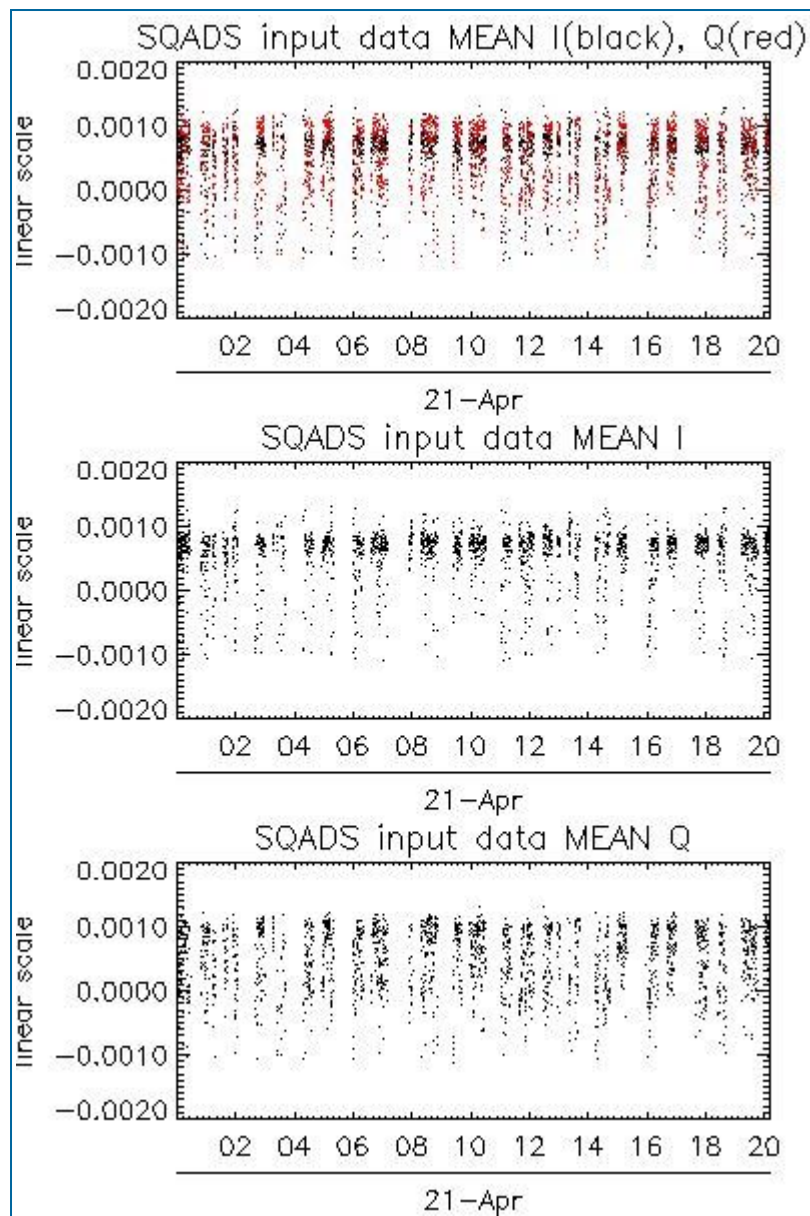


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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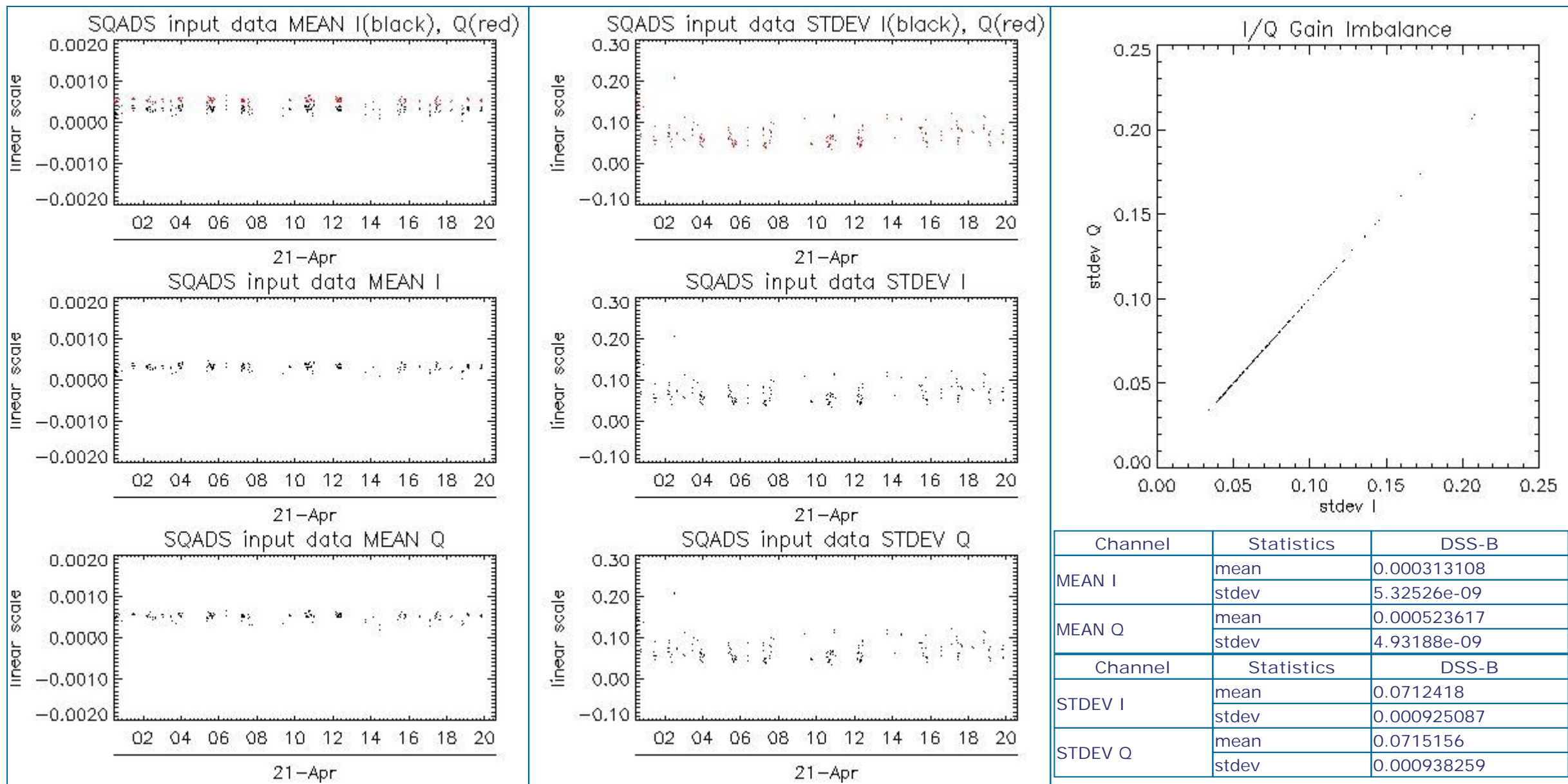


Channel	Statistics	DSS-B
MEAN I	mean	0.000554210
	stdev	1.86449e-07
MEAN Q	mean	0.000495651
	stdev	2.50842e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.136209
	stdev	0.00135975
STDEV Q	mean	0.136628
	stdev	0.00137822

7.2 - Analysis for IMM

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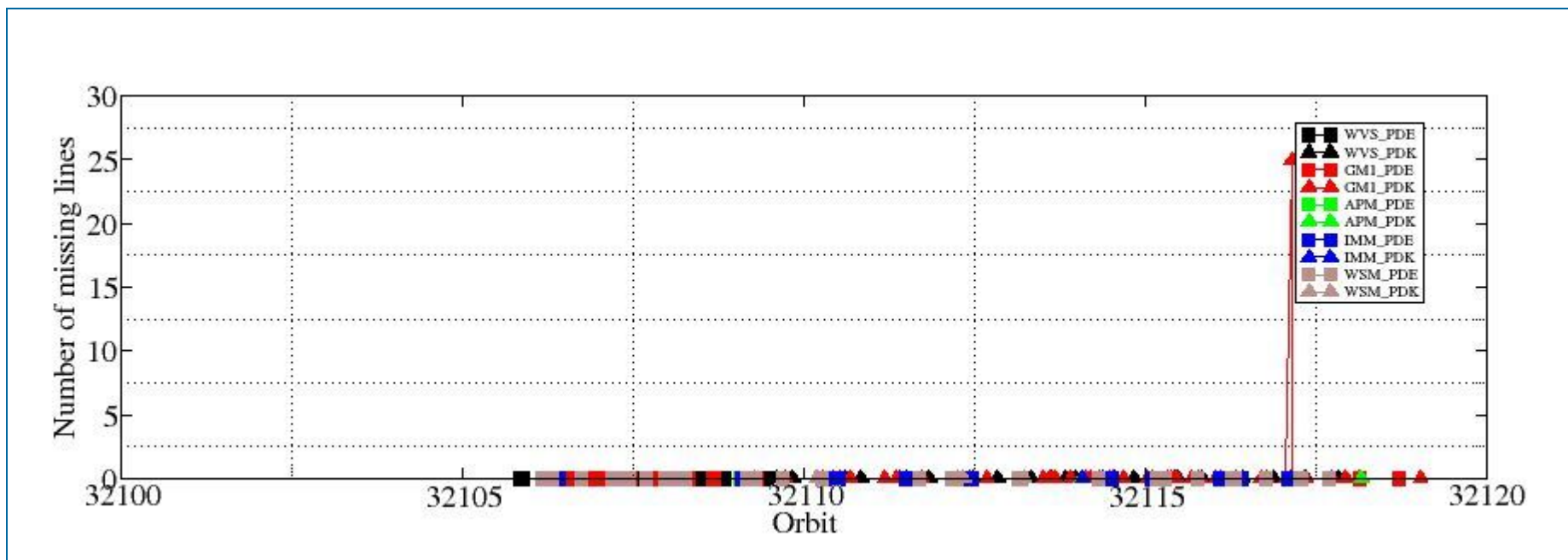
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_GM1_1PNPDK20080421_185225_000001082067_00500_32117_2396.N1	0	25

8.1 - Number of Missing lines

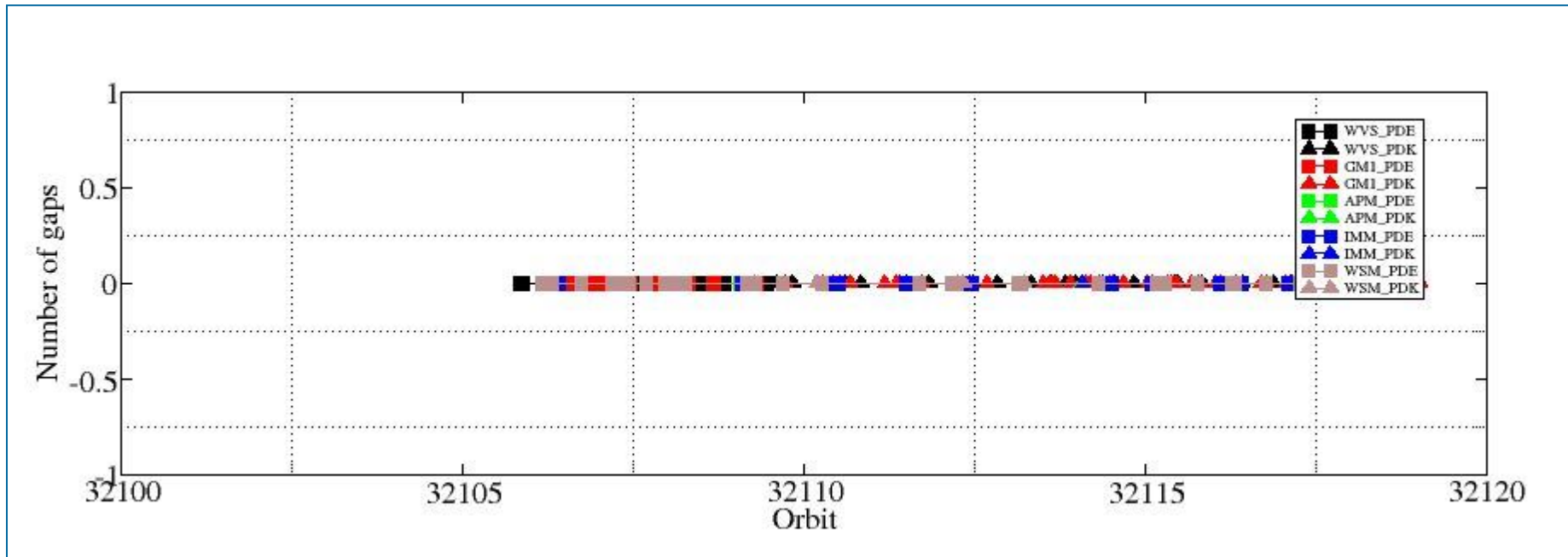
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 080421
#####

MODE: DAILY
ANALYSIS: ALL
DATE: TODAY

Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/080421/

DATA SUMMARY

Summary will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/080421/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/080421/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/080421/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/080421/AUXILIARY

Creating directory ./RESULTS/DAILY/080421/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20080421_030003_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20071218_084201_20070204_165113_20081231_000000
ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20071218_082742_20070204_165113_20081231_000000

Writing file ./RESULTS/DAILY/080421/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/080421/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20080421_000023_000015892067_00488_32105_1644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_004848_000001352067_00489_32106_1634.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_005228_000007812067_00489_32106_1637.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_011205_000003752067_00489_32106_1631.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_013513_000002702067_00489_32106_1651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_013858_000002552067_00489_32106_1778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_015406_000005992067_00490_32107_1792.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_024016_000010192067_00490_32107_1785.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_025645_000001352067_00490_32107_1917.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_031549_000001502067_00490_32107_1928.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_032523_000000892067_00490_32107_1925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_033324_000000892067_00491_32108_1922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_033713_000001942067_00491_32108_1953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_041846_000008992067_00491_32108_1958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_043331_000001492067_00491_32108_2131.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_043804_000000902067_00491_32108_2134.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_045625_000013792067_00491_32108_2160.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20080421_055834_000009742067_00492_32109_2137.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_061419_000003602067_00492_32109_1339.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_063701_000019792067_00492_32109_1356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_075423_000003902067_00493_32110_1429.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_081737_000020542067_00493_32110_1502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_092408_000010342067_00494_32111_1560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_095813_000019342067_00494_32111_1624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_110233_000011692067_00495_32112_1762.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_113849_000017392067_00495_32112_1826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_122831_000010492067_00496_32113_1875.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_125733_000003002067_00496_32113_1880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_131925_000003002067_00496_32113_1883.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_133301_000005242067_00496_32113_2056.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_141359_000005392067_00497_32114_2114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_143144_000006902067_00497_32114_2119.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_150001_000011242067_00497_32114_2128.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_155926_000000742067_00498_32115_2234.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_160328_000012142067_00498_32115_2243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_164037_000011092067_00498_32115_2252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_173942_000014842067_00499_32116_2385.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_182530_000009592067_00499_32116_2392.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_191333_000018892067_00500_32117_2503.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20080421_200149_000005552067_00500_32117_2510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_GM1.txt...



ASA_GM1_1PNPDK20080421_220108_000002412068_00001_32119_2629.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20080421_023056_00000362067_00490_32107_1867.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20080421_052034_00000412067_00492_32109_2128.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20080421_073149_00000412067_00493_32110_2294.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20080421_134305_00000562067_00497_32114_1870.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20080421_203454_00000572067_00501_32118_2513.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20080421_005146_00000362067_00489_32106_2326.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_034233_00000502067_00491_32108_2087.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_052224_000001852067_00492_32109_2245.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_073329_000002262067_00493_32110_2312.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_074441_00000342067_00493_32110_2296.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_092327_00000362067_00494_32111_2399.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_105500_000001052067_00495_32112_2488.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_110052_00000942067_00495_32112_2500.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_142838_00000752067_00497_32114_2583.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_152629_00000662067_00498_32115_2585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_170545_000001382067_00499_32116_2621.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_173631_00000812067_00499_32116_2639.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_173817_00000512067_00499_32116_2633.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20080421_184746_00000802067_00500_32117_2661.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20080421_071333_00000352067_00493_32110_1391.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20080421_134448_00000402067_00497_32114_1961.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20080421_185048_00000212067_00500_32117_2378.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20080421_185121_00000462067_00500_32117_2394.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing WSM products...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/080421/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20080421_002748_000002452067_00489_32106_1863.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_002748_000004032067_00489_32106_1912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_003254_00000962067_00489_32106_1864.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_004247_00000862067_00489_32106_1767.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_012500_000004282067_00489_32106_1914.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_012608_000003602067_00489_32106_1861.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_021013_000004152067_00490_32107_1919.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_022008_000001772067_00490_32107_1910.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_023627_000001282067_00490_32107_1875.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_030036_000001712067_00490_32107_1908.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_032749_000001472067_00490_32107_2108.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_034949_000004582067_00491_32108_2310.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_035956_000002872067_00491_32108_2110.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_053025_000004462067_00492_32109_2298.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_053926_000001282067_00492_32109_2223.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_054106_000002672067_00492_32109_2623.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_062211_000001412067_00492_32109_2272.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_WSM_1PNPDE20080421_071928_000000852067_00493_32110_2308.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_094259_000001702067_00494_32111_2521.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_103117_000003852067_00495_32112_2528.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_103821_000001702067_00495_32112_2502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_120836_000003972067_00496_32113_2552.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_121535_000001762067_00496_32113_2550.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_140851_000000672067_00497_32114_2573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_153401_000002072067_00498_32115_2565.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_154511_000003242067_00498_32115_2627.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_163315_000001462067_00498_32115_2597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_172437_000000852067_00499_32116_2625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_172453_000001832067_00499_32116_2665.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_172453_000003672067_00499_32116_2691.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_172858_000001212067_00499_32116_2666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_181351_000000852067_00499_32116_2693.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_181458_00000182067_00499_32116_2631.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_190454_000000852067_00500_32117_2663.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_190547_000003612067_00500_32117_2697.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20080421_194659_000002612067_00500_32117_2695.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_054106_000002672067_00492_32109_1336.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_071101_000001412067_00493_32110_1413.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_071431_000003242067_00493_32110_1418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_103916_000004842067_00495_32112_1757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_104841_000002202067_00495_32112_1755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20080421_121910_000005432067_00496_32113_1868.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:00

Results will be exported to the directory: ./RESULTS/DAILY/080421/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/080421/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/080421/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20050922_062651_00000152041_00034_18625_0041.N1

Test product: ASA_MS_0PNPDK20080420_183644_00000162067_00485_32102_0527.N1

H

H

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/TGH_20080420_183644-20050922_062651.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/TPH_20080420_183644-20050922_062651.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/RGH_20080420_183644-20050922_062651.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/RPH_20080420_183644-20050922_062651.png

Polarization: V

Reference product: ASA_MS_0PNPDK20050923_055514_00000152041_00048_18639_0042.N1

Test product: ASA_MS_0PNPDK20080421_180507_00000162067_00499_32116_0528.N1

V

V

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/TGV_20080421_180507-20050923_055514.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/TPV_20080421_180507-20050923_055514.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/RGV_20080421_180507-20050923_055514.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/SECOND_REFERENCE/RPV_20080421_180507-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPK20080418_143810_00000162067_00454_32071_0526.N1

Test product: ASA_MS__0PNPK20080420_183644_00000162067_00485_32102_0527.N1

H

H

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20080420_183644-20080418_143810.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20080420_183644-20080418_143810.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20080420_183644-20080418_143810.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20080420_183644-20080418_143810.png

Polarization: V

Reference product: ASA_MS__0PNPDE20080419_204857_00000162067_00472_32089_0278.N1

Test product: ASA_MS__0PNPK20080421_180507_00000162067_00499_32116_0528.N1

V

V

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20080421_180507-20080419_204857.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20080421_180507-20080419_204857.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20080421_180507-20080419_204857.png

../../RESULTS/DAILY/080421/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20080421_180507-20080419_204857.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/080421/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-04-21_1.dat...

Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-04-21_2.dat...

Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-04-21_3.dat...



Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-04-21_4.dat...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
 Writing ../../RESULTS/DAILY/080421//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 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 1/5/9/13/17/21/25/29
 Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-04-21_1.dat...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 2/6/10/14/18/22/26/30
 Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-04-21_2.dat...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 3/7/11/15/19/23/27/31
 Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-04-21_3.dat...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-04-21 00:00:00 to 2008-04-21 23:00:02. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/080421/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-04-21_4.dat...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/080421//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/080421/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
 Writing file ./RESULTS/DAILY/080421/DOPPLER/Doppler_data_WVS_IS2_VV_2008-04-21.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/080421/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
 Writing file ./RESULTS/DAILY/080421/DOPPLER/Doppler_data_GM1_SS1_HH_2008-04-21.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/080421/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2008-04-21 00:00:00 to 2008-04-21 23:00:02


```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/DOPPLER/Doppler_Jumps_data_WSM_2008-04-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080421/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/080421/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
```

```
Analysing products WVS IS2 V/V
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -23.485302 Hz
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -16.988012 Hz
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

```
*****
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -10.270153 Hz
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -28.013658 Hz
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/080421//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/080421/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
```

Analysing products WSM SS1 H/H

```
*****
Getting ScaleFactor data for WSM SS1 H/H from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/CHIRP/ScaleFactor_data_WSM_SS1_HH_2008-04-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080421/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/080421/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/CHIRP/ScaleFactor_data_WSM_SS1_VV_2008-04-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/080421/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/080421/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/080421/RAW_DATA
```

Creating directory ./RESULTS/DAILY/080421/RAW_DATA...

```
*****
Getting raw data for WVS from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/RAW_DATA/Raw_data_WVS_2008-04-21.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2008-04-21 00:00:00 to 2008-04-21 23:00:02...
Writing file ./RESULTS/DAILY/080421/RAW_DATA/Raw_data_IMM_2008-04-21.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/080421/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2008-04-21 00:00:00 to 2008-04-21 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/080421/TELEMETRY
```

Creating directory ./RESULTS/DAILY/080421/TELEMETRY...

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

```
*****
Checking 19 products from PDE...
Checking 22 products from PDK...
```


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

Checking 27 products from PDE...
Checking 42 products from PDK...
Found product...ASA_GM1_1PNPDK20080421_185225_00001082067_00500_32117_2396.N1 / 0 gaps / 25 missing lines

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

Checking 3 products from PDE...
Checking 2 products from PDK...

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

Checking 14 products from PDE...
Checking 4 products from PDK...

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

Checking 36 products from PDE...
Checking 6 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/080421/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/080421/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS

Analysis will be performed on 2008-04-21

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM__BP/JPG/20080421/

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

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP__BP/JPG/20080421/

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

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM__BP/JPG/20080421/

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

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS__BP/JPG/20080421/

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

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/080421/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

#####



ASAR Daily Report



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20080421_023056_000000362067_00490_32107_1867.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20080421_052034_000000412067_00492_32109_2128.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20080421_073149_000000412067_00493_32110_2294.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20080421_134305_000000562067_00497_32114_1870.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20080421_203454_000000572067_00501_32118_2513.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_1PNPDE20080421_003442_000004772067_00489_32106_1628.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_004421_00000962067_00489_32106_1626.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_004729_00000782067_00489_32106_1641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_010613_000003502067_00489_32106_1648.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_011915_000003382067_00489_32106_1639.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_013225_000001692067_00489_32106_1653.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_014406_000005982067_00489_32106_1780.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_020602_000002412067_00490_32107_1775.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_021717_000001632067_00490_32107_1773.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_022313_000004532067_00490_32107_1787.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_023242_000002172067_00490_32107_1782.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_023900_000000722067_00490_32107_1789.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_030340_000007252067_00490_32107_1938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_031901_000002412067_00490_32107_1940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_032315_000001262067_00490_32107_1936.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_033027_000001752067_00490_32107_1934.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_033540_00000902067_00491_32108_1932.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_034113_00000782067_00491_32108_1930.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_034341_000003562067_00491_32108_1948.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_035741_000001262067_00491_32108_1950.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_040456_000008272067_00491_32108_1955.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_044027_000009242067_00491_32108_2157.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_052547_000002652067_00492_32109_2143.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_053800_00000782067_00492_32109_2141.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_054544_000007672067_00492_32109_2139.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_203333_00000782067_00501_32118_2705.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20080421_212908_000007912067_00501_32118_2713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_062445_000007312067_00492_32109_1341.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_072106_00000962067_00493_32110_1359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_072204_000005862067_00493_32110_1422.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_073732_000004282067_00493_32110_1424.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_074534_000005252067_00493_32110_1426.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_080139_000009242067_00493_32110_1431.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_085249_000006702067_00494_32111_1499.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_091021_00000842067_00494_32111_1554.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_091552_000004532067_00494_32111_1557.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_094603_000007312067_00494_32111_1621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_105752_000001812067_00495_32112_1759.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_112251_000009242067_00495_32112_1828.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_124647_000005312067_00496_32113_1872.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_125550_000001022067_00496_32113_1877.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_130326_000009242067_00496_32113_1889.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_132516_000004652067_00496_32113_1885.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_134802_000003142067_00497_32114_1887.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_135659_000003442067_00497_32114_1993.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_141010_00000782067_00497_32114_2109.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_142354_000002832067_00497_32114_2111.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_143010_00000902067_00497_32114_2116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_144402_000009242067_00497_32114_2121.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_151942_000004042067_00498_32115_2123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_152752_000003562067_00498_32115_2125.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_155046_000001992067_00498_32115_2231.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_155547_000002172067_00498_32115_2236.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_160132_000001142067_00498_32115_2238.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_162438_000005072067_00498_32115_2240.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_163549_000002832067_00498_32115_2245.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_165950_000003562067_00499_32116_2247.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_170821_000003682067_00499_32116_2249.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_173122_000003082067_00499_32116_2380.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_180631_000004282067_00499_32116_2382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_181525_000003442067_00499_32116_2387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_184226_000003202067_00500_32117_2389.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_185225_000001082067_00500_32117_2396.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_185311_000001142067_00500_32117_2496.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20080421_191158_00000962067_00500_32117_2498.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_195133_000006162067_00500_32117_2500.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_201148_000006582067_00500_32117_2505.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_203224_000001322067_00501_32118_2507.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20080421_220108_000002412068_00001_32119_2629.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_1PNPDE20080421_005146_000000362067_00489_32106_2326.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_034233_000000502067_00491_32108_2087.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_052224_000001852067_00492_32109_2245.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_073329_000002262067_00493_32110_2312.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_074441_000000342067_00493_32110_2296.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_092327_000000362067_00494_32111_2399.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_105500_000001052067_00495_32112_2488.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_110052_000000942067_00495_32112_2500.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_142838_000000752067_00497_32114_2583.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_152629_000000662067_00498_32115_2585.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_170545_000001382067_00499_32116_2621.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_173631_000000812067_00499_32116_2639.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_173817_000000512067_00499_32116_2633.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20080421_184746_000000802067_00500_32117_2661.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20080421_071333_000000352067_00493_32110_1391.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20080421_134448_000000402067_00497_32114_1961.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20080421_185048_000000212067_00500_32117_2378.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20080421_185121_000000462067_00500_32117_2394.N1					OK	OK	OK	OK

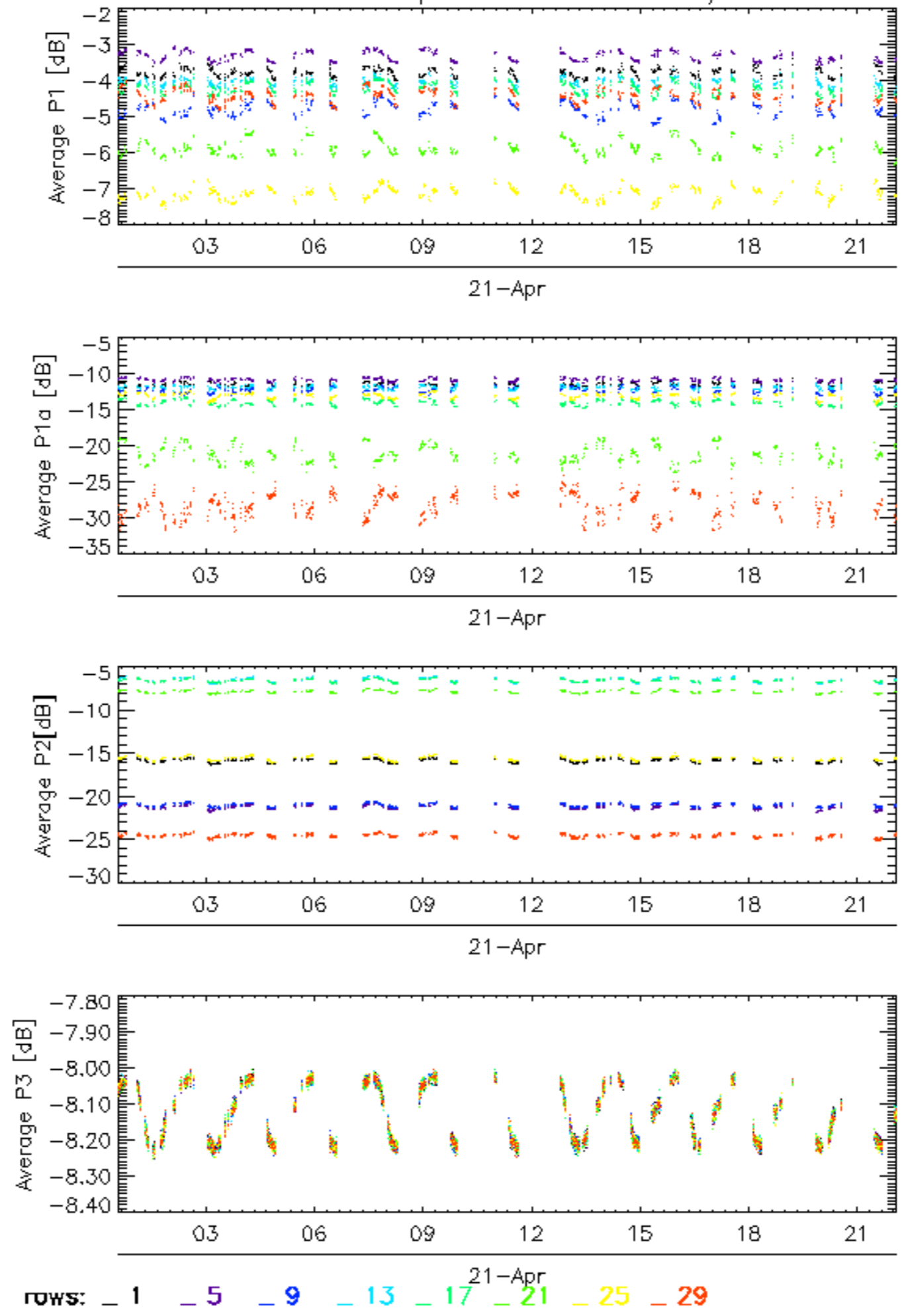
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20080421_002748_000002452067_00489_32106_1863.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_002748_000004032067_00489_32106_1912.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_003254_000000962067_00489_32106_1864.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_004247_000000862067_00489_32106_1767.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_012500_000004282067_00489_32106_1914.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_012608_000003602067_00489_32106_1861.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_021013_000004152067_00490_32107_1919.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_022008_000001772067_00490_32107_1910.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_023627_000001282067_00490_32107_1875.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_030036_000001712067_00490_32107_1908.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_032749_000001472067_00490_32107_2108.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_034949_000004582067_00491_32108_2310.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_035956_000002872067_00491_32108_2110.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_053025_000004462067_00492_32109_2298.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_053926_000001282067_00492_32109_2223.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_054106_000002672067_00492_32109_2623.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_062211_000001412067_00492_32109_2272.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_071928_000000852067_00493_32110_2308.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_094259_000001702067_00494_32111_2521.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_103117_000003852067_00495_32112_2528.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_103821_000001702067_00495_32112_2502.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_120836_000003972067_00496_32113_2552.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_121535_000001762067_00496_32113_2550.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_140851_000000672067_00497_32114_2573.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20080421_154511_000003242067_00498_32115_2627.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_163315_000001462067_00498_32115_2597.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_172437_000000852067_00499_32116_2625.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_172453_000001832067_00499_32116_2665.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_172453_000003672067_00499_32116_2691.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20080421_181351_000000852067_00499_32116_2693.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_181458_000000182067_00499_32116_2631.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_190454_000000852067_00500_32117_2663.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_190547_000003612067_00500_32117_2697.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20080421_194659_000002612067_00500_32117_2695.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20080421_071101_000001412067_00493_32110_1413.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20080421_071431_000003242067_00493_32110_1418.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20080421_103916_000004842067_00495_32112_1757.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20080421_104841_000002202067_00495_32112_1755.N1					OK	OK	OK	OK
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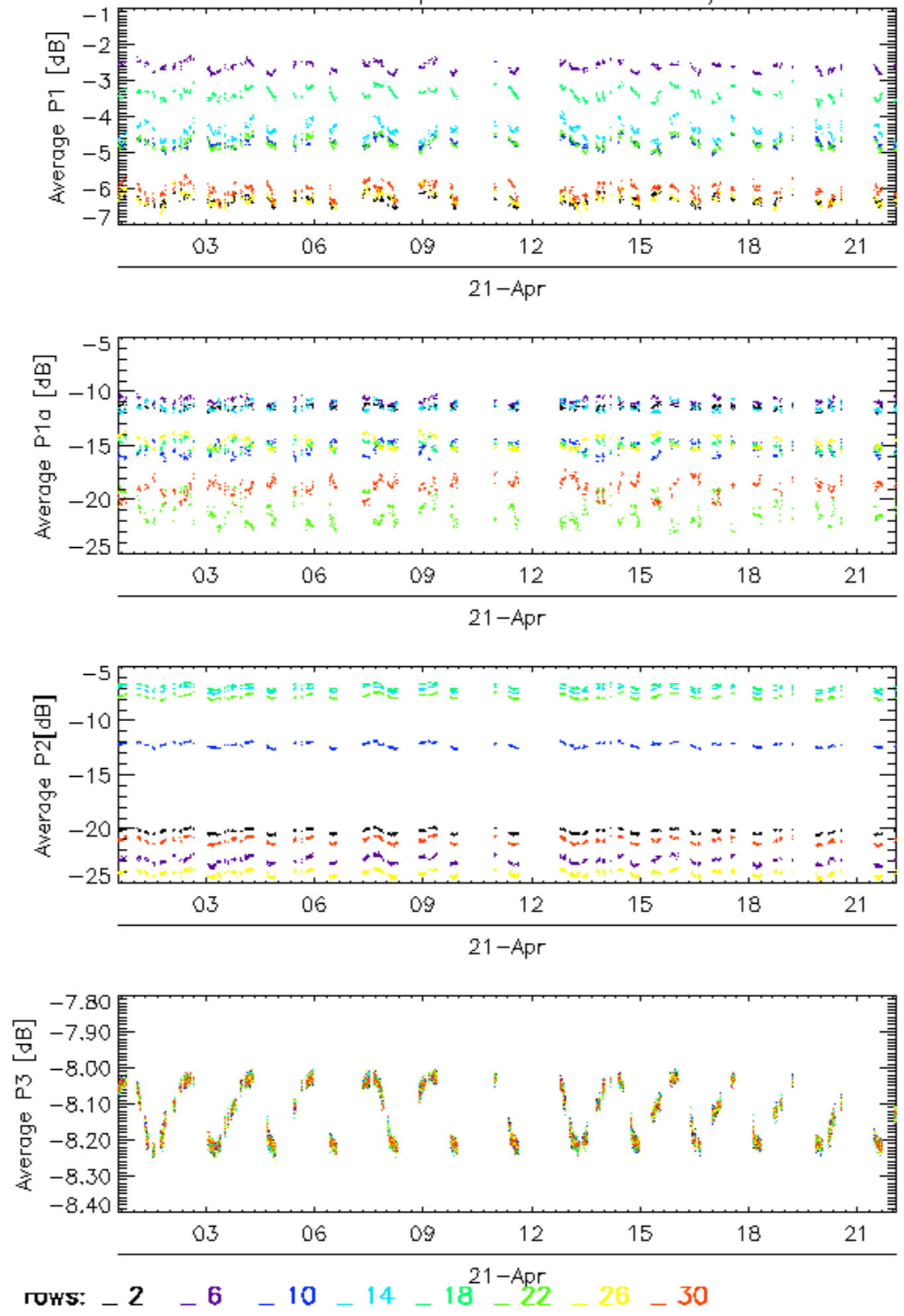
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20080421_004848_000001352067_00489_32106_1634.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_005228_000007812067_00489_32106_1637.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_011205_000003752067_00489_32106_1631.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_013513_000002702067_00489_32106_1651.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_013858_000002552067_00489_32106_1778.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_015406_000005992067_00490_32107_1792.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_024016_000010192067_00490_32107_1785.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_025645_000001352067_00490_32107_1917.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_031549_000001502067_00490_32107_1928.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_032523_000000892067_00490_32107_1925.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_033324_000000892067_00491_32108_1922.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_033713_000001942067_00491_32108_1953.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_041846_000008992067_00491_32108_1958.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_043331_000001492067_00491_32108_2131.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_043804_000000902067_00491_32108_2134.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_045625_000013792067_00491_32108_2160.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20080421_055834_000009742067_00492_32109_2137.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_061419_000003602067_00492_32109_1339.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_063701_000019792067_00492_32109_1356.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_075423_000003902067_00493_32110_1429.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_081737_000020542067_00493_32110_1502.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_092408_000010342067_00494_32111_1560.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_095813_000019342067_00494_32111_1624.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_110233_000011692067_00495_32112_1762.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_113849_000017392067_00495_32112_1826.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_122831_000010492067_00496_32113_1875.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_125733_000003002067_00496_32113_1880.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_131925_000003002067_00496_32113_1883.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_133301_000005242067_00496_32113_2056.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_141359_000005392067_00497_32114_2114.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_143144_000006902067_00497_32114_2119.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_150001_000011242067_00497_32114_2128.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_155926_000000742067_00498_32115_2234.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_160328_000012142067_00498_32115_2243.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_164037_000011092067_00498_32115_2252.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_173942_000014842067_00499_32116_2385.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_182530_000009592067_00499_32116_2392.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20080421_191333_000018892067_00500_32117_2503.N1					OK	OK	OK	OK
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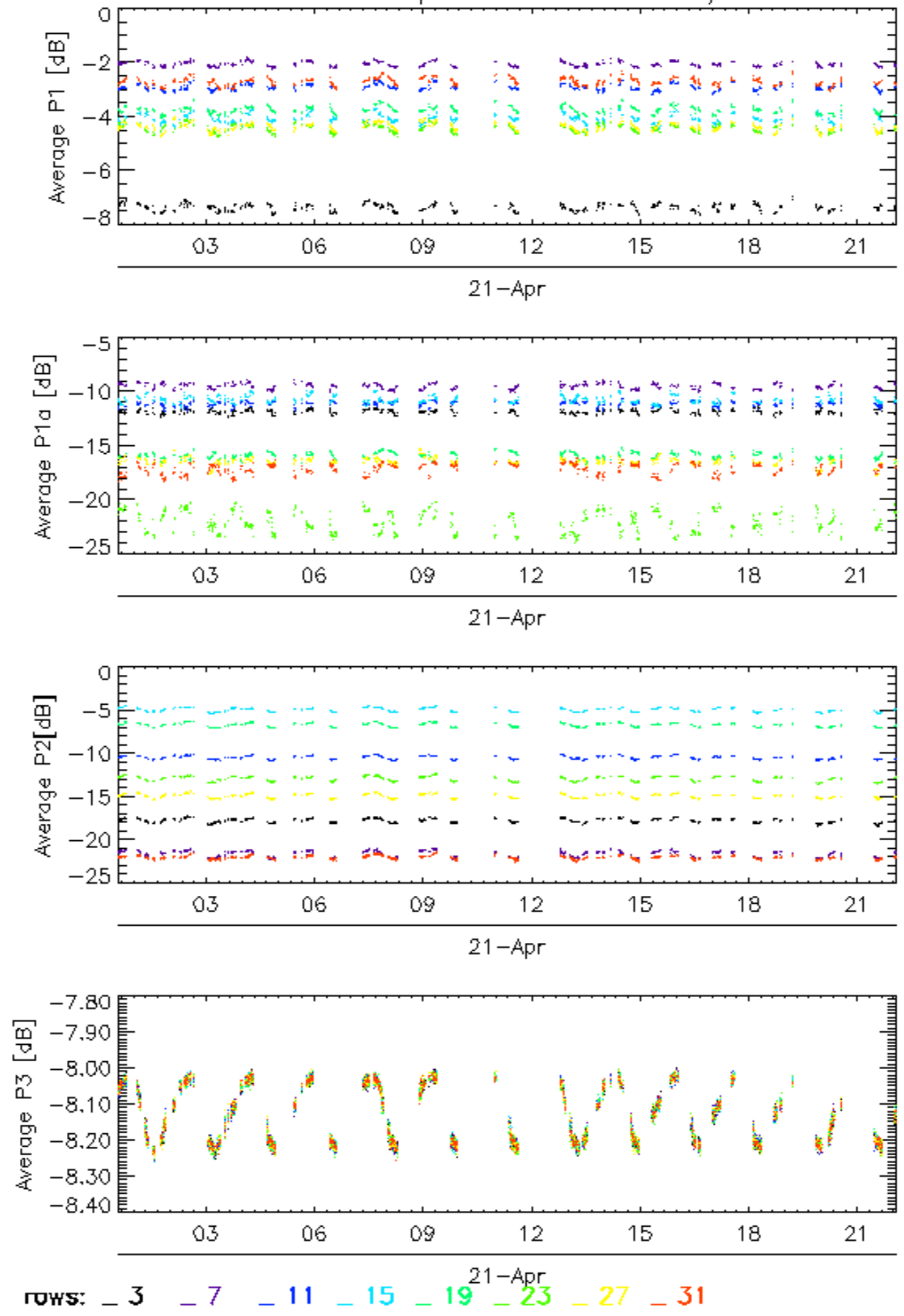
Calibration pulses for GM1 SS3 H/H



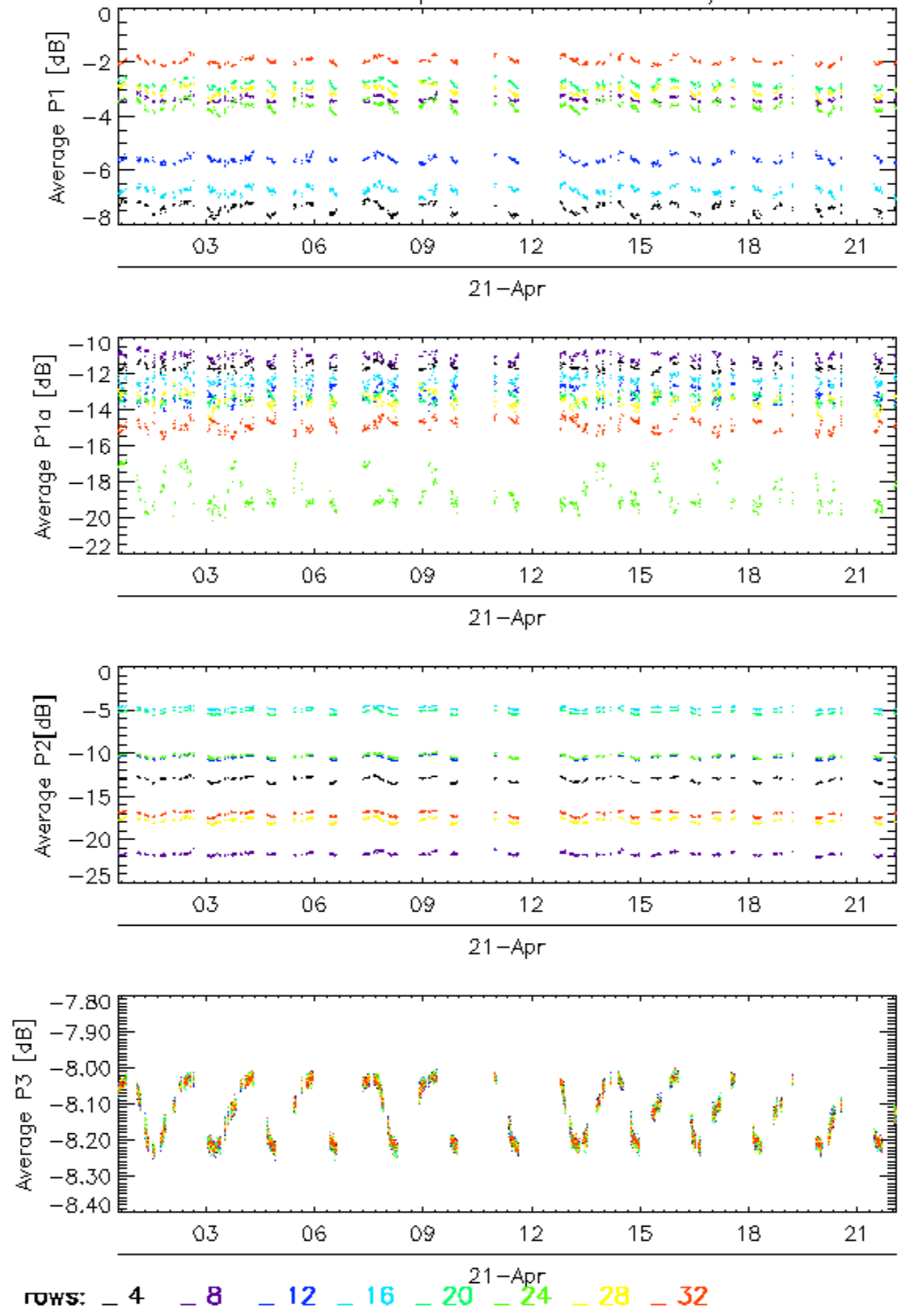
Calibration pulses for GM1 SS3 H/H



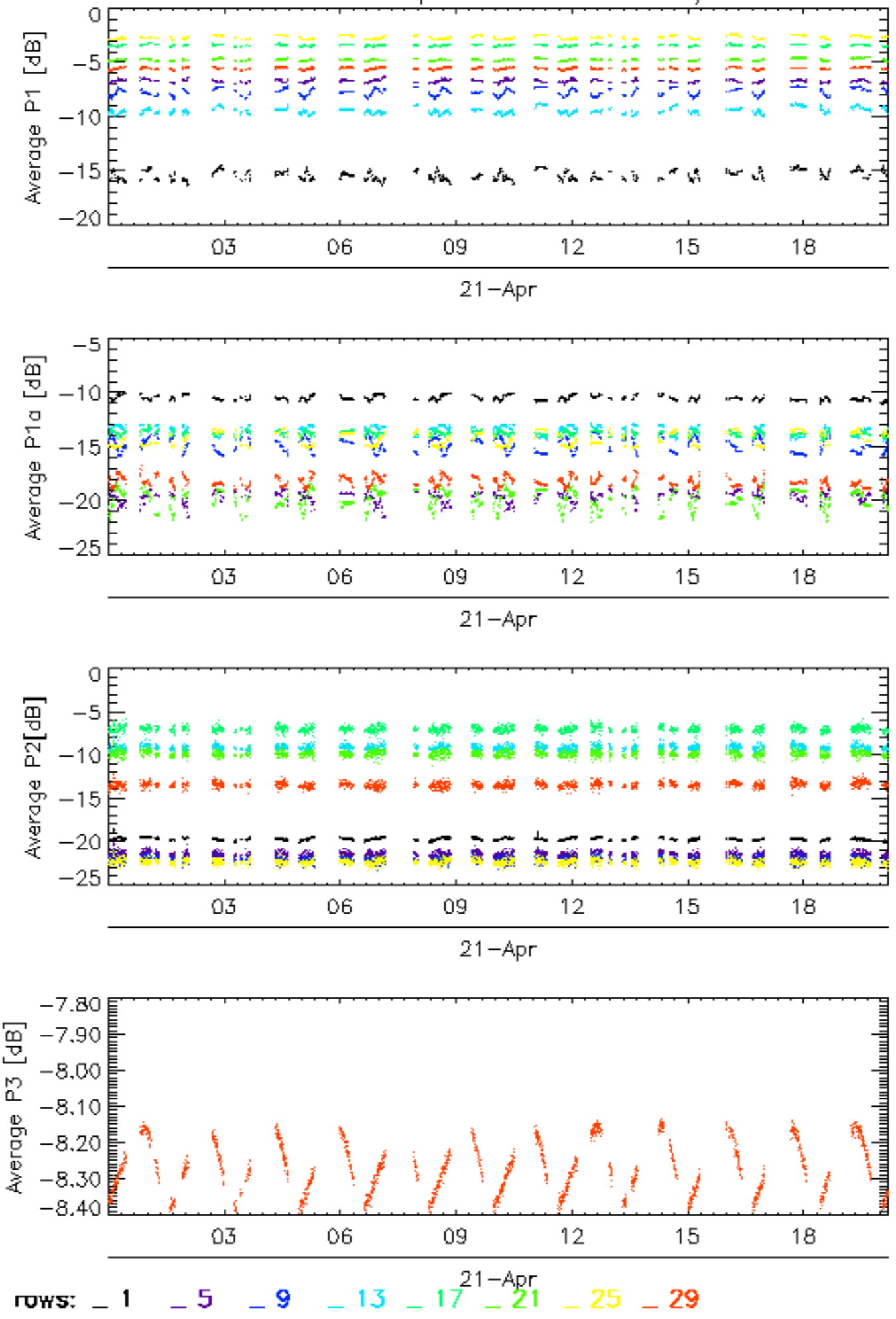
Calibration pulses for GM1 SS3 H/H



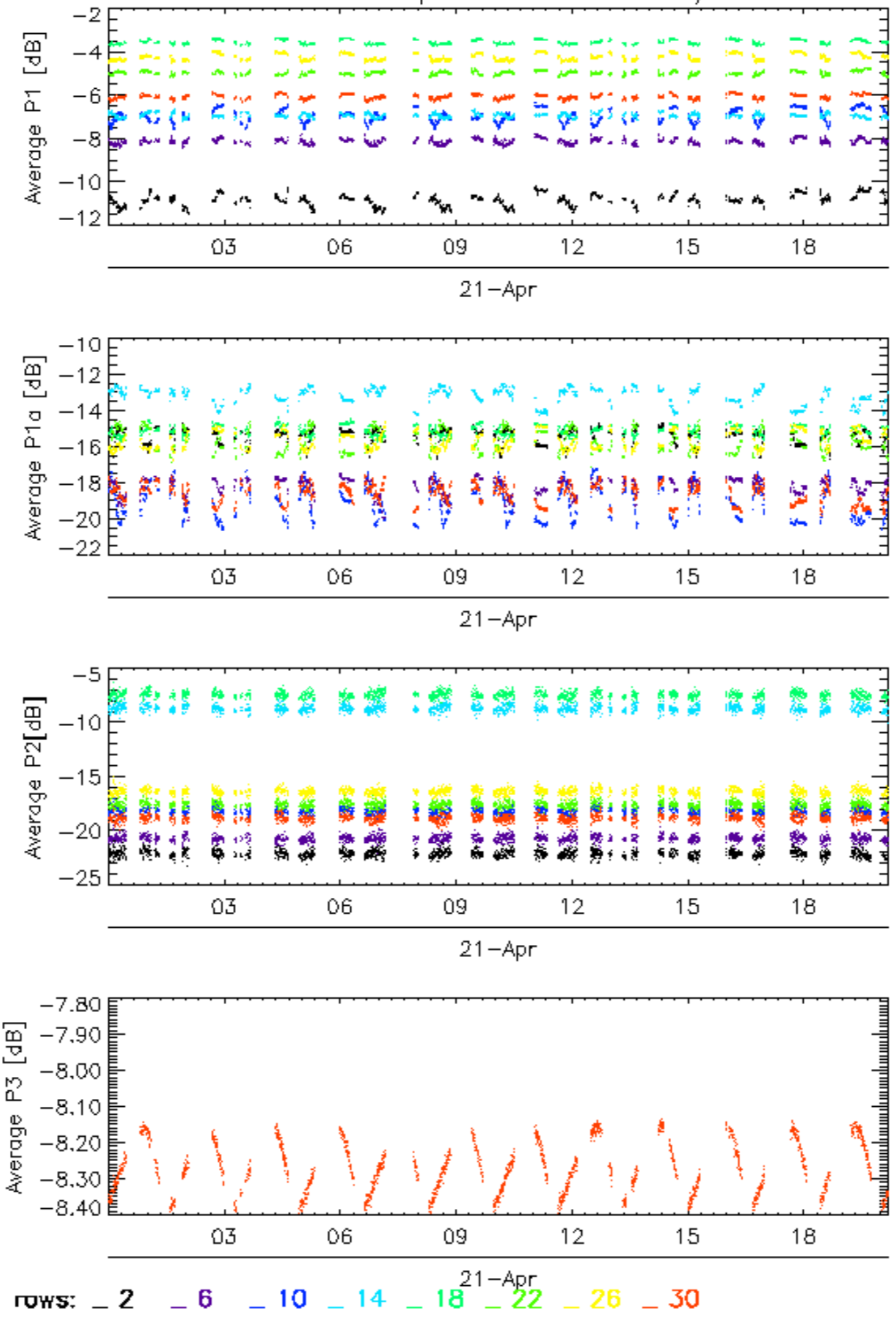
Calibration pulses for GM1 SS3 H/H



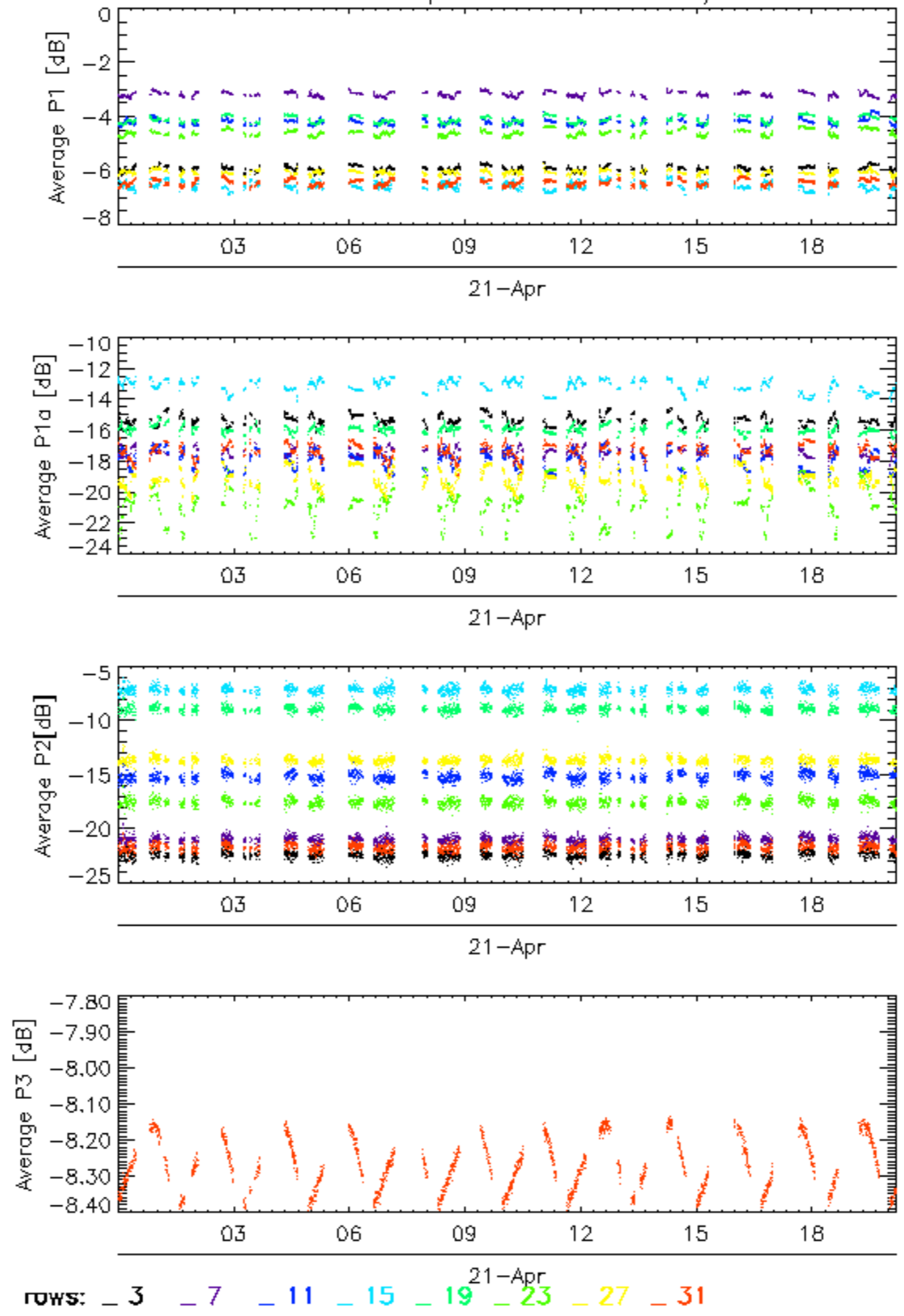
Calibration pulses for WVS IS2 V/V



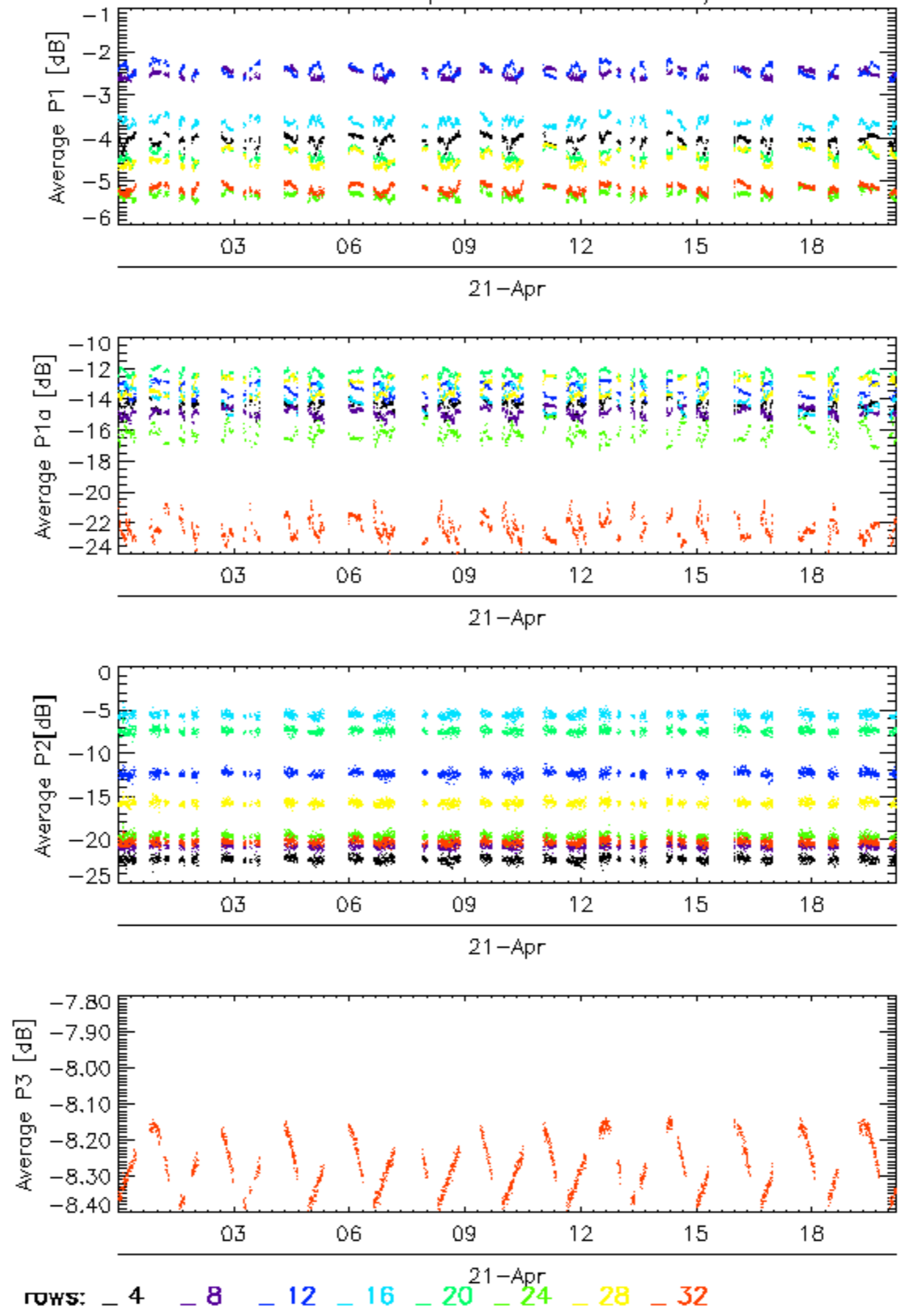
Calibration pulses for WVS IS2 V/V

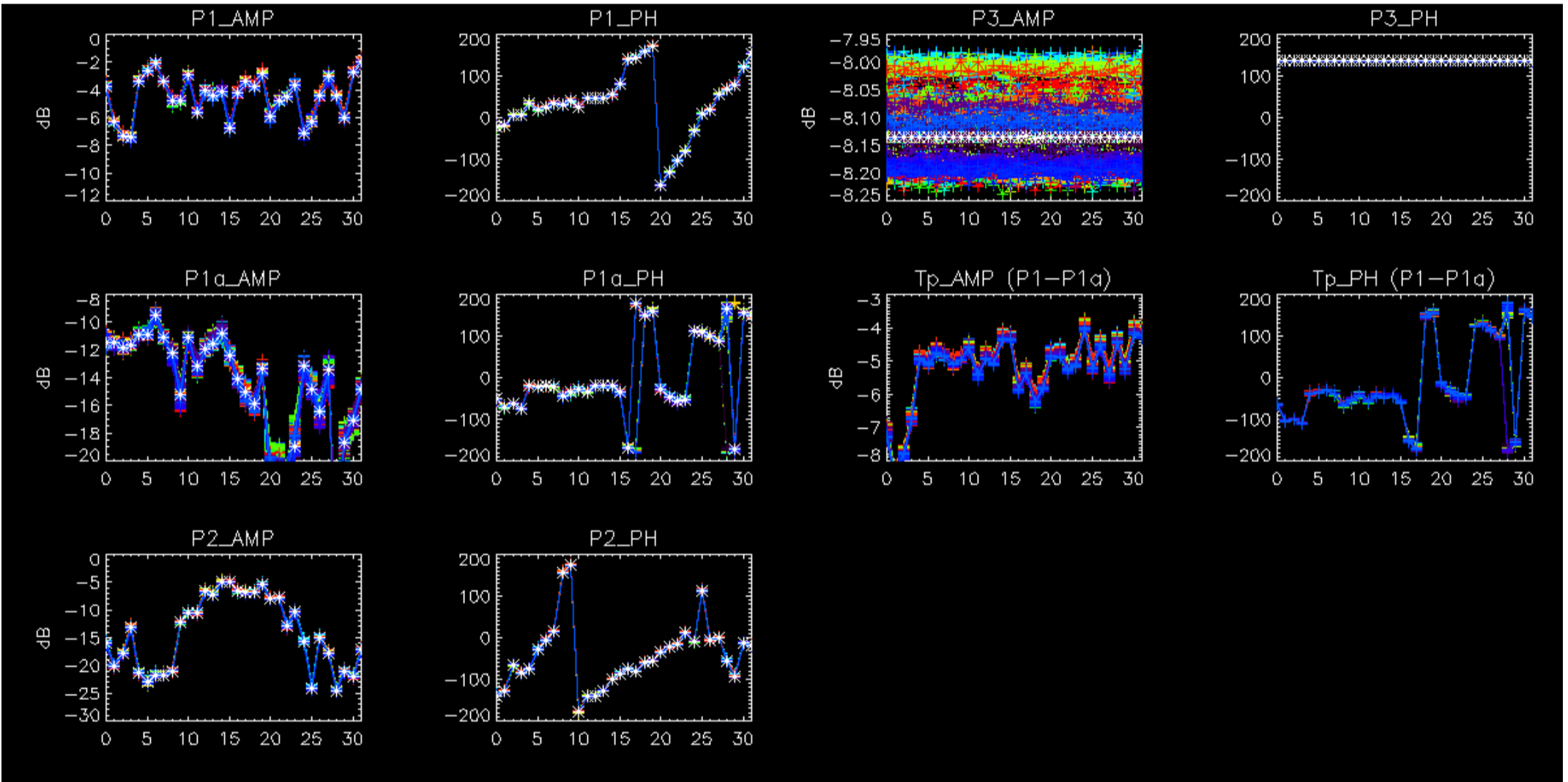


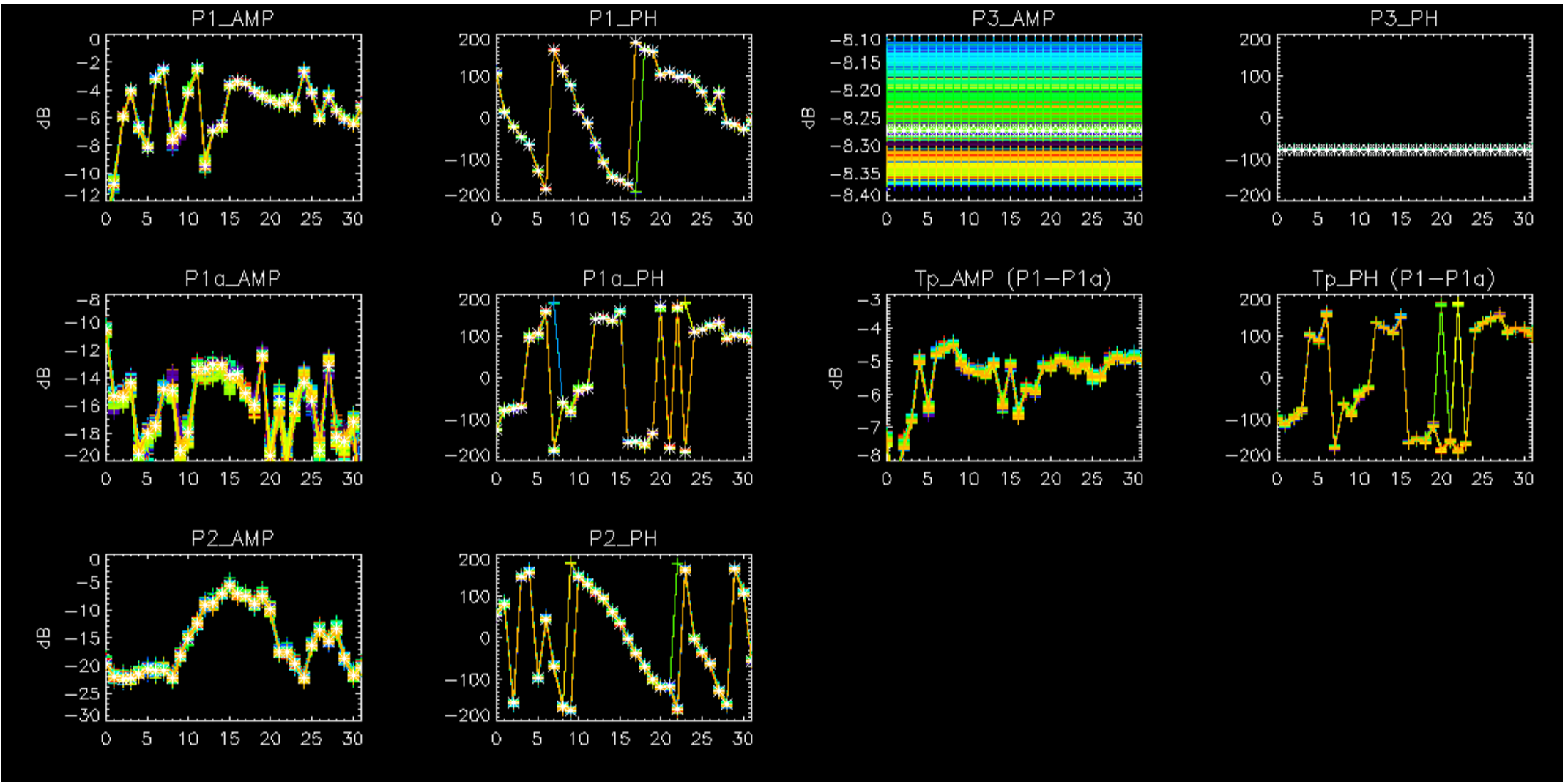
Calibration pulses for WVS IS2 V/V

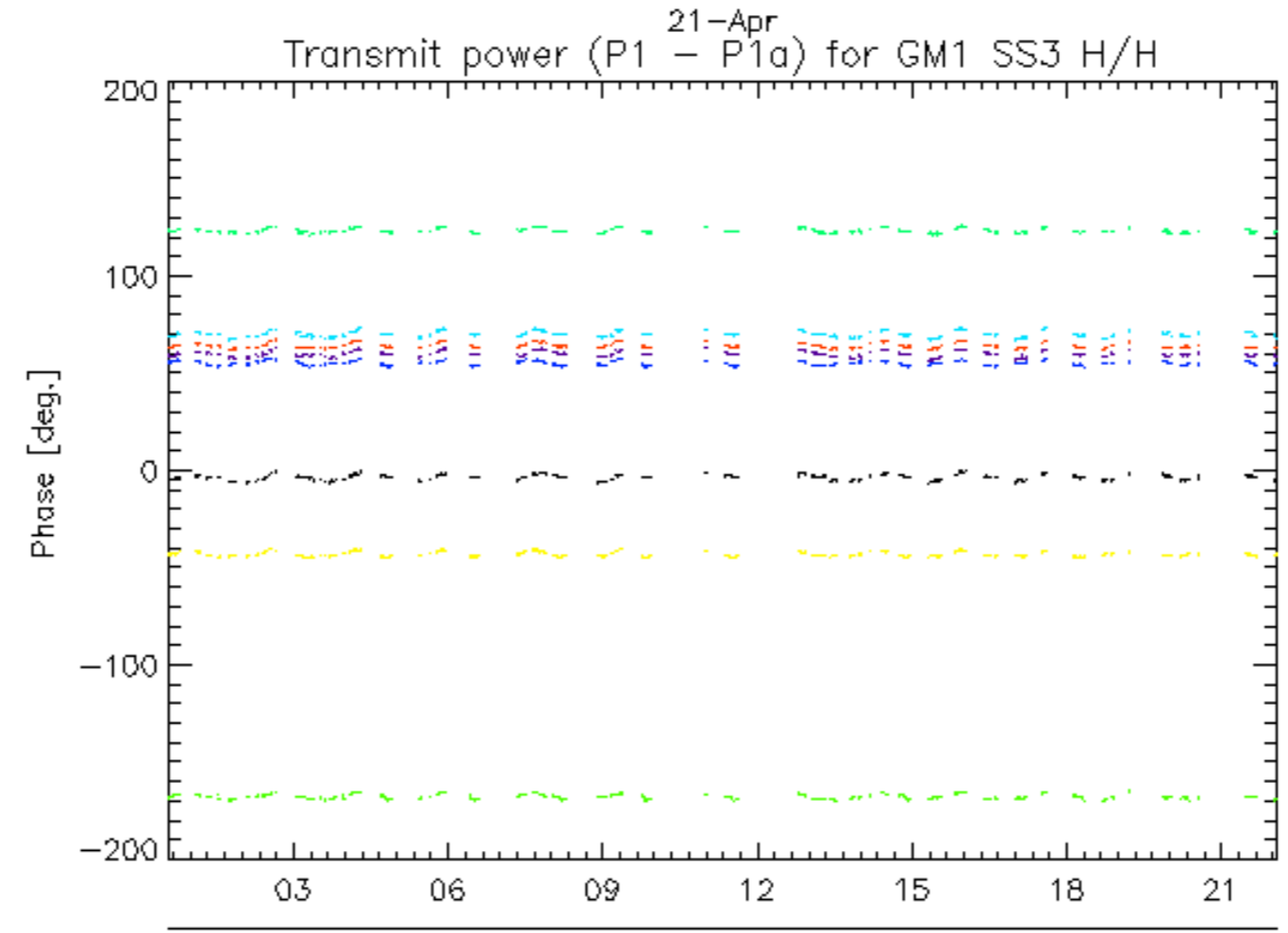
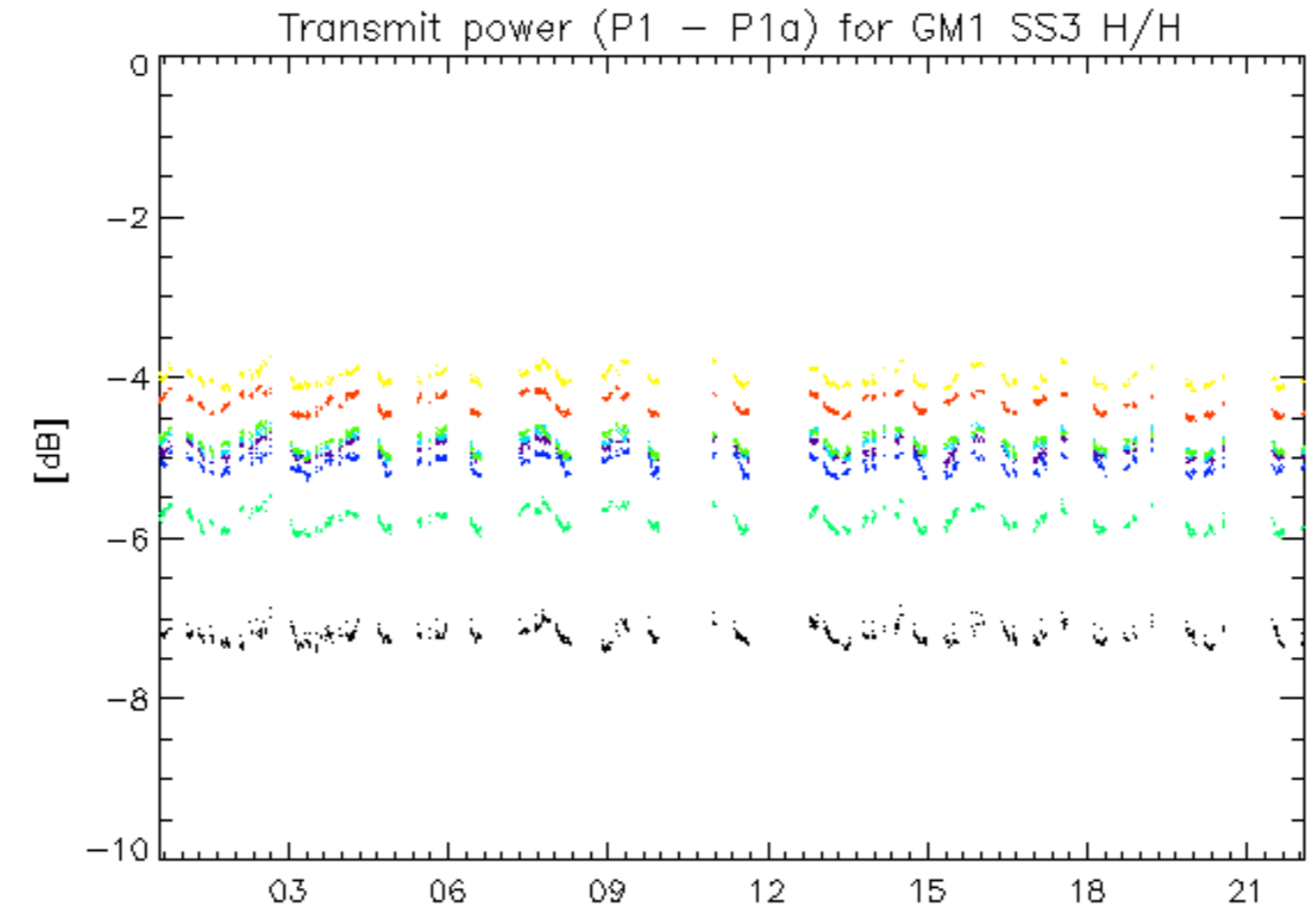


Calibration pulses for WVS IS2 V/V

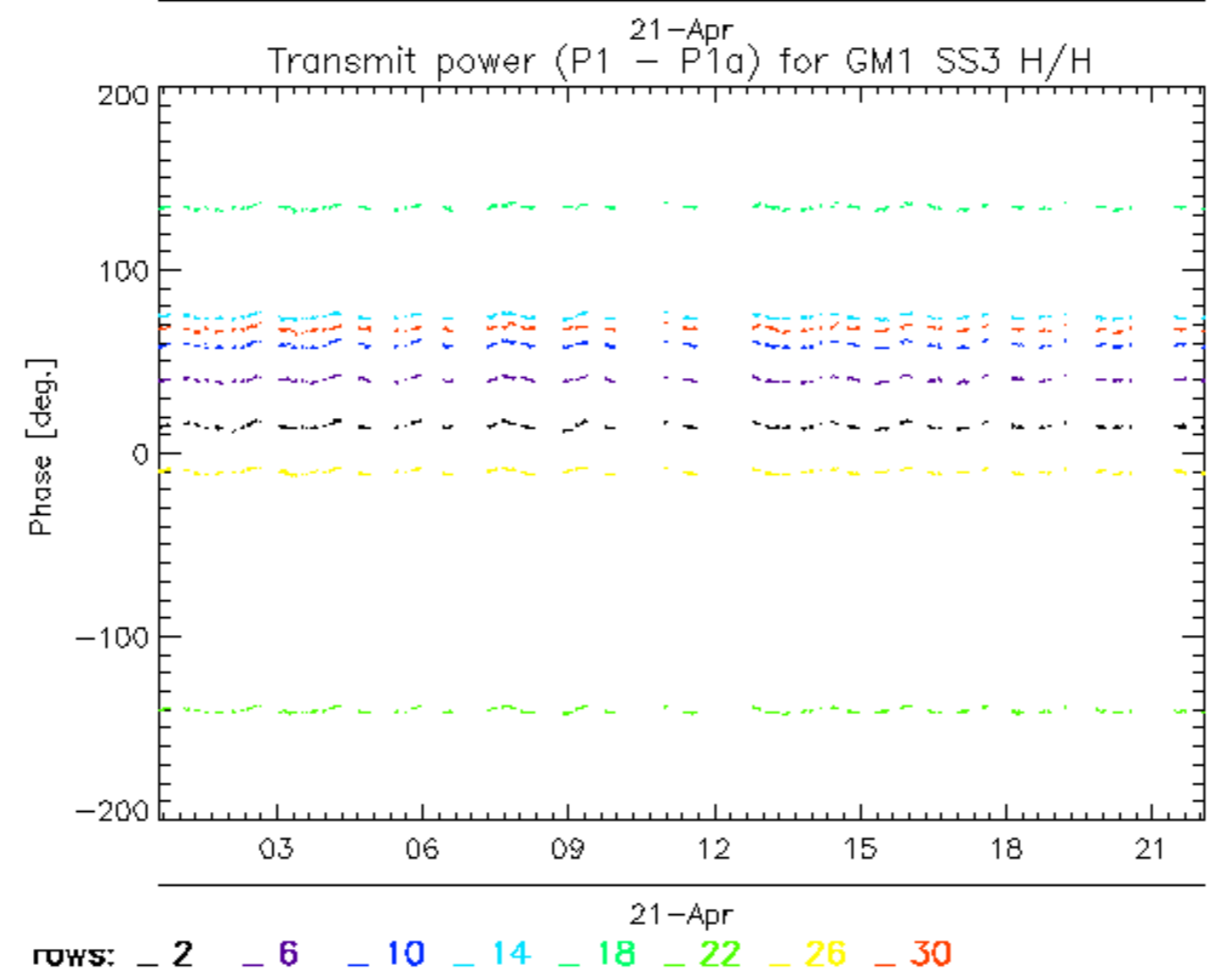
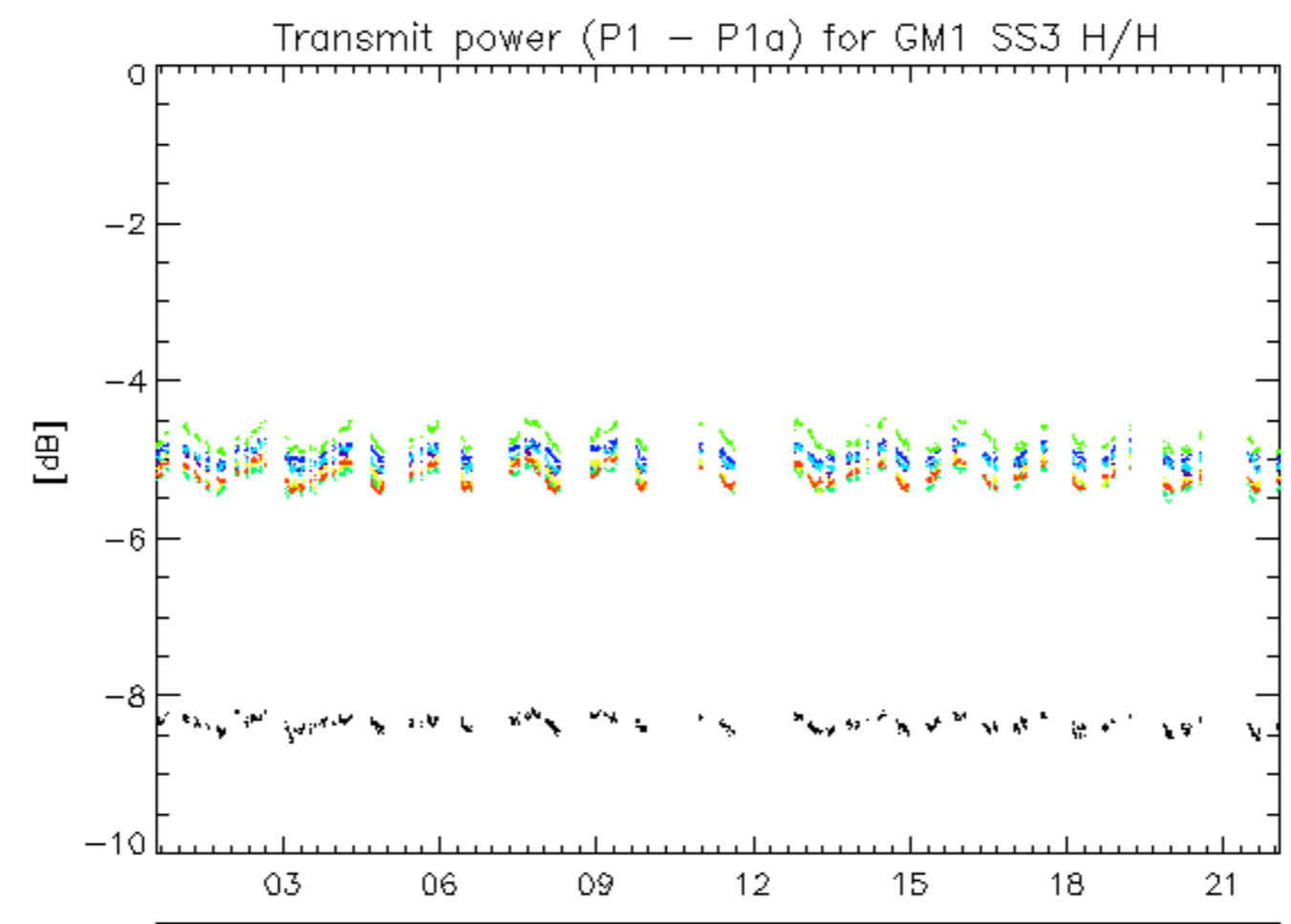


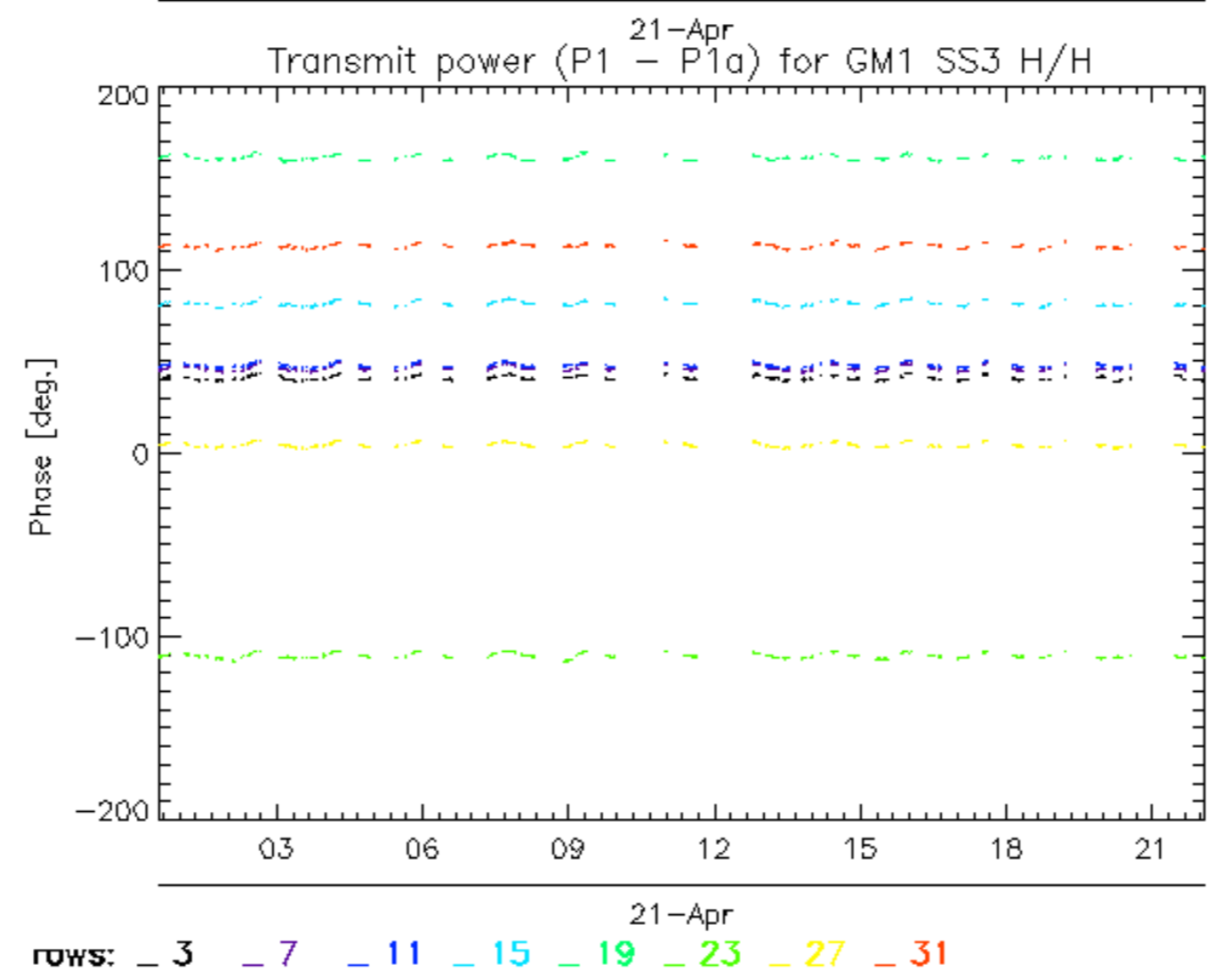
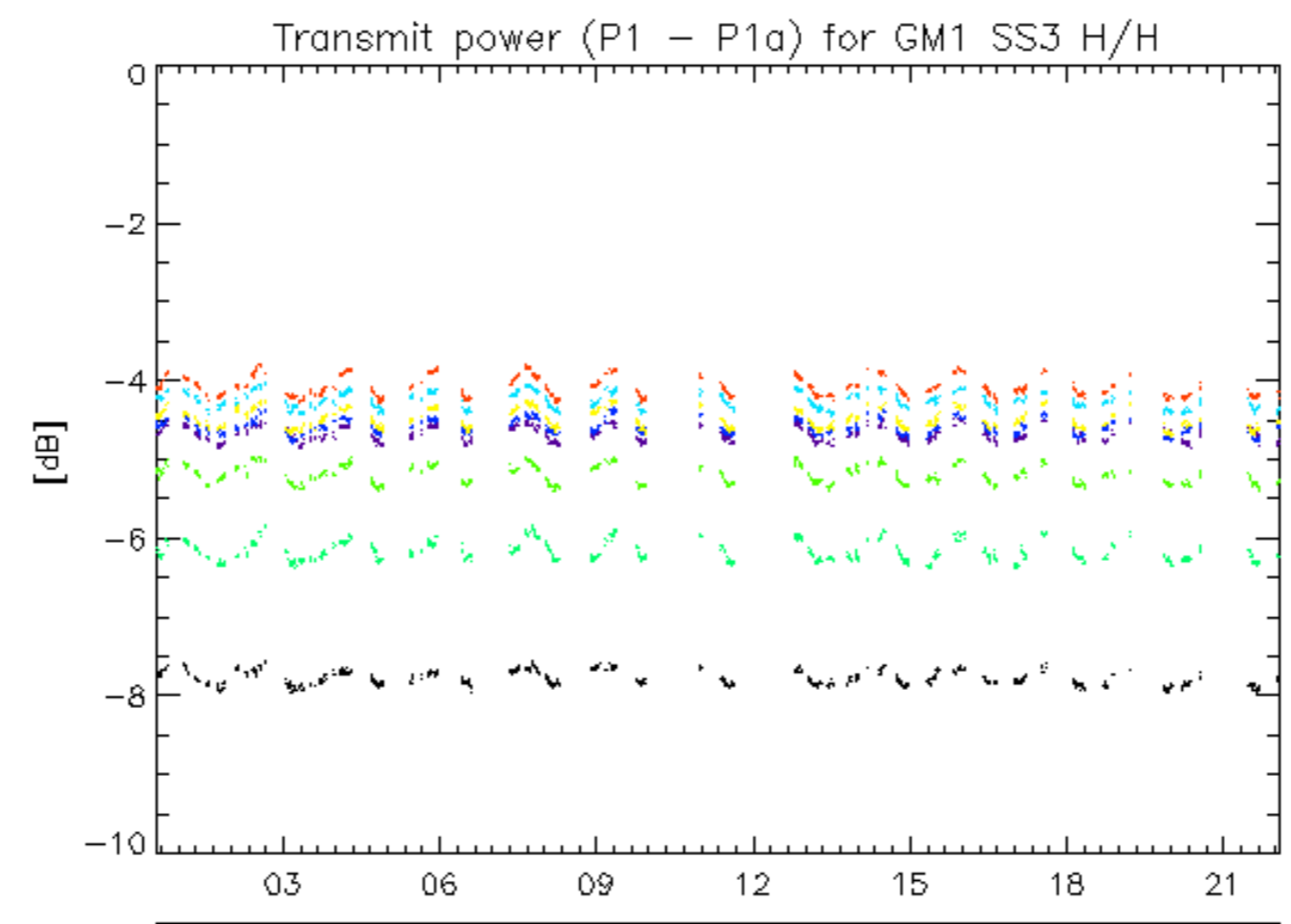


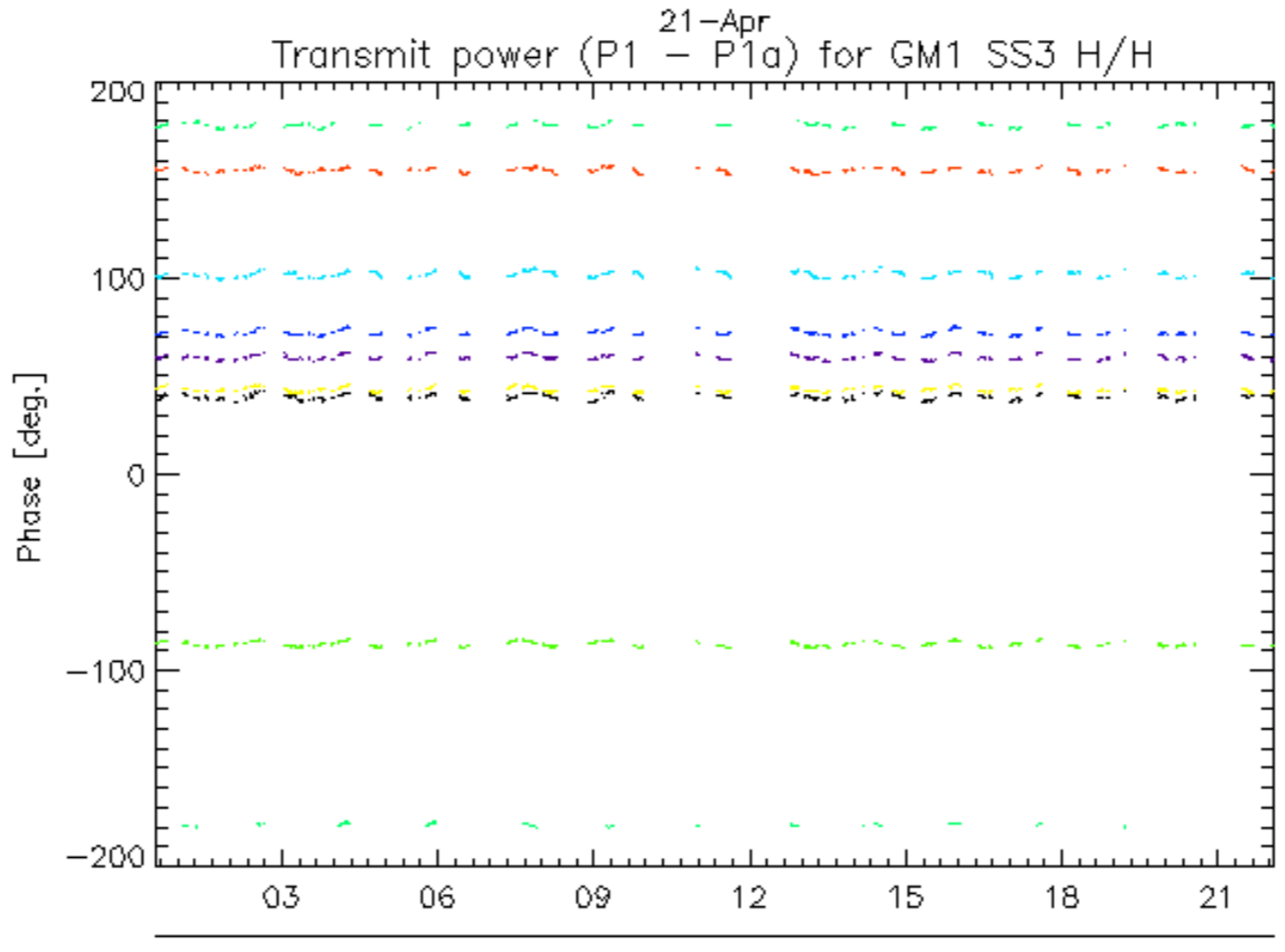
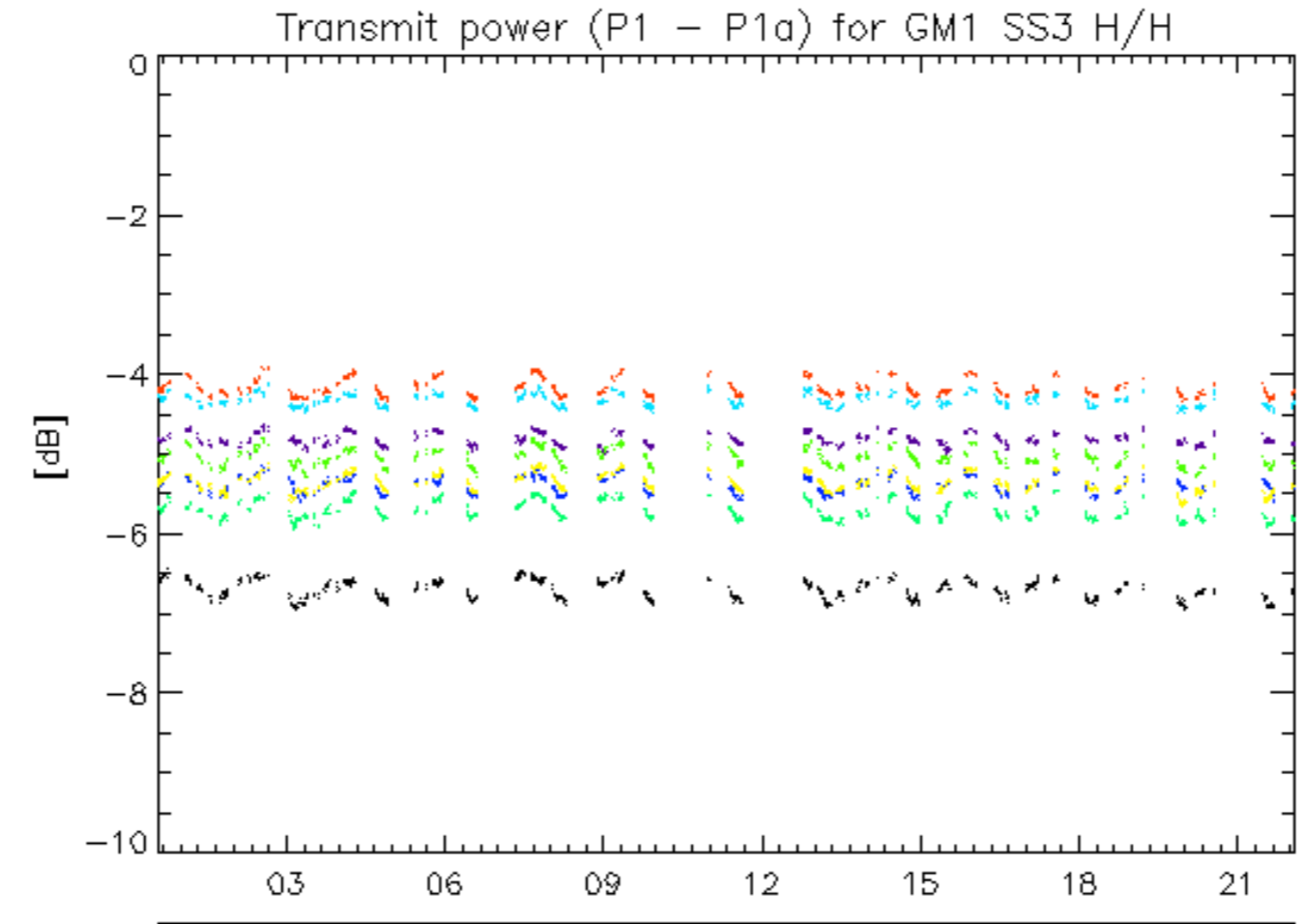




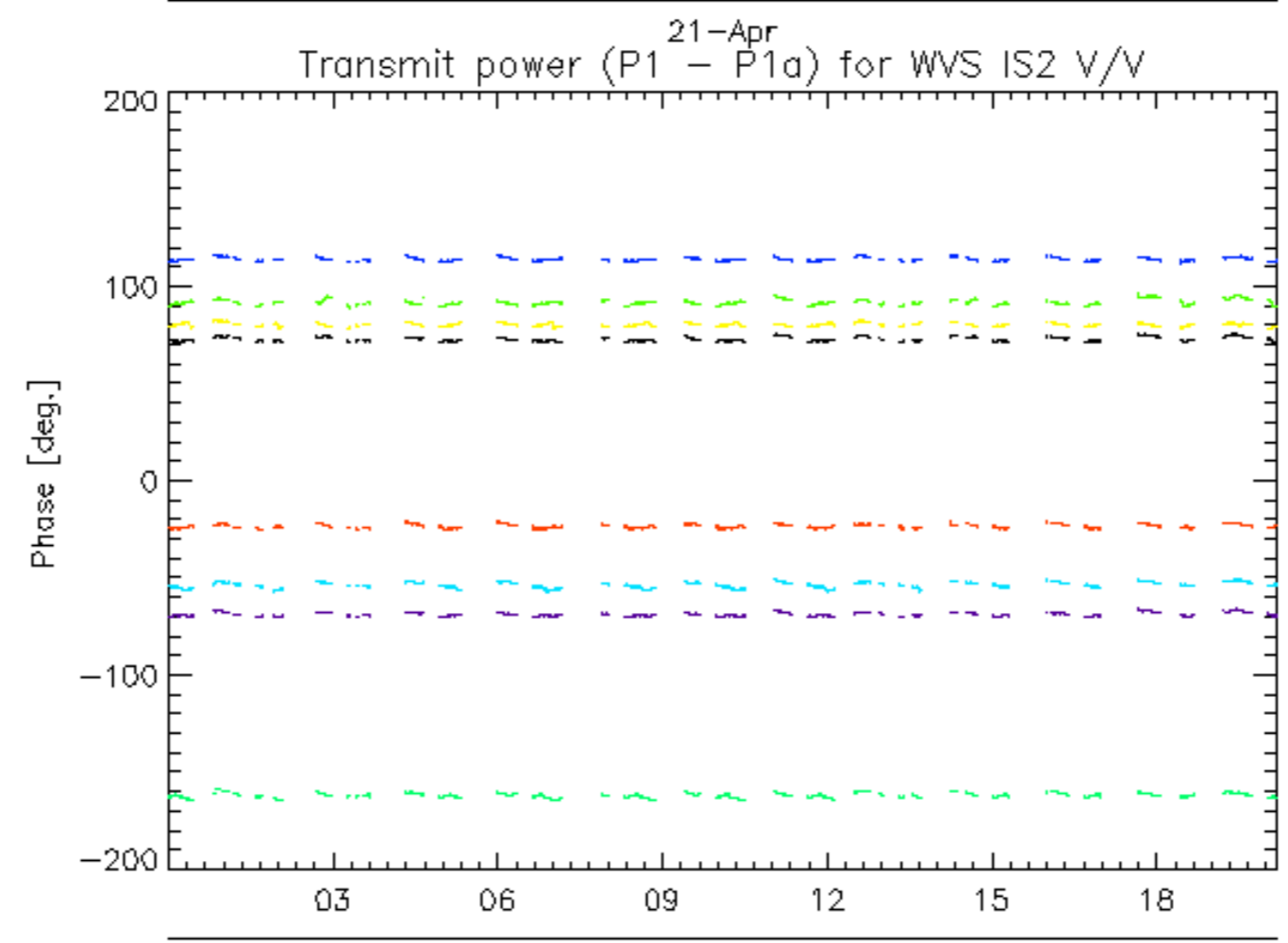
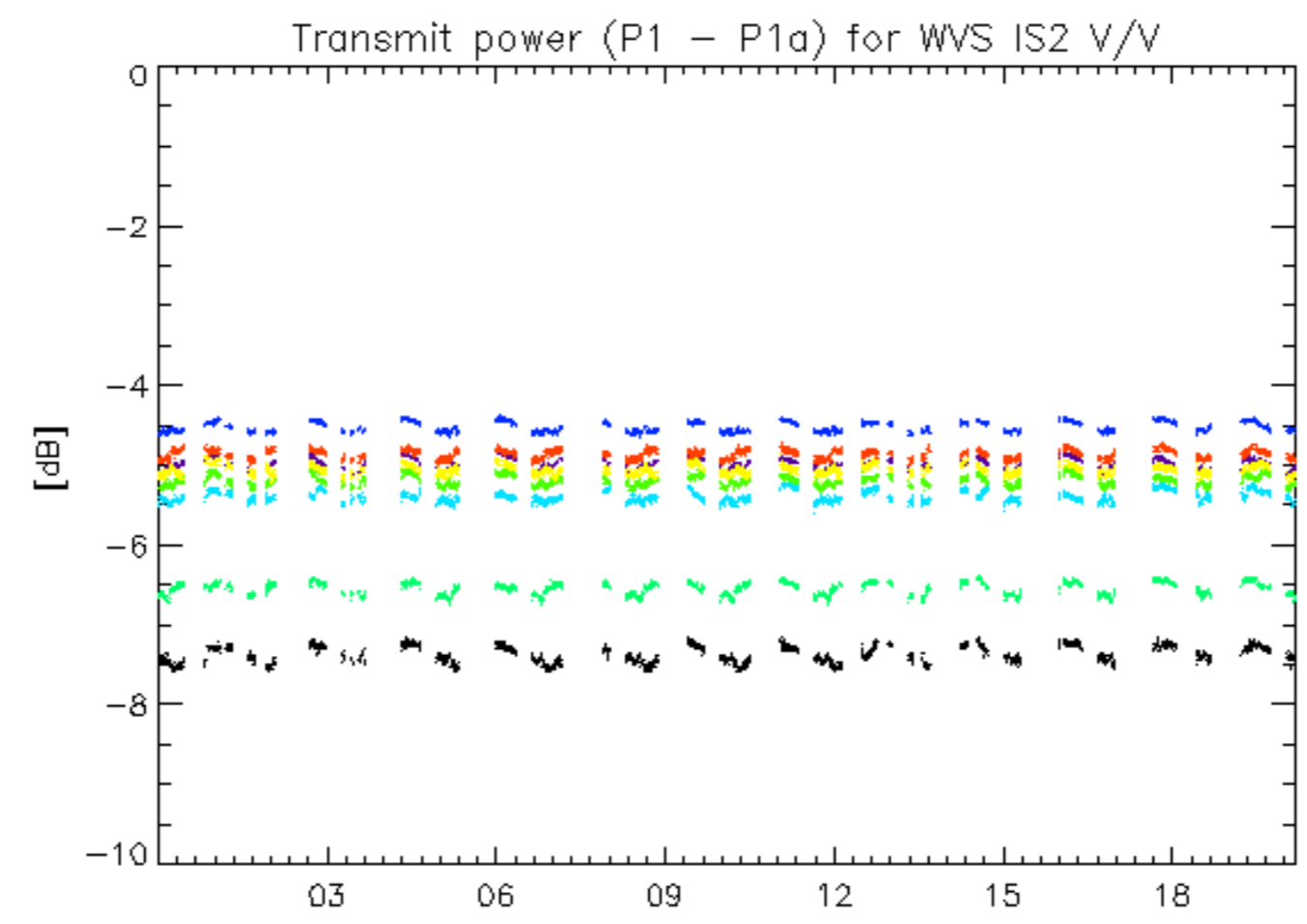
21-Apr
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29



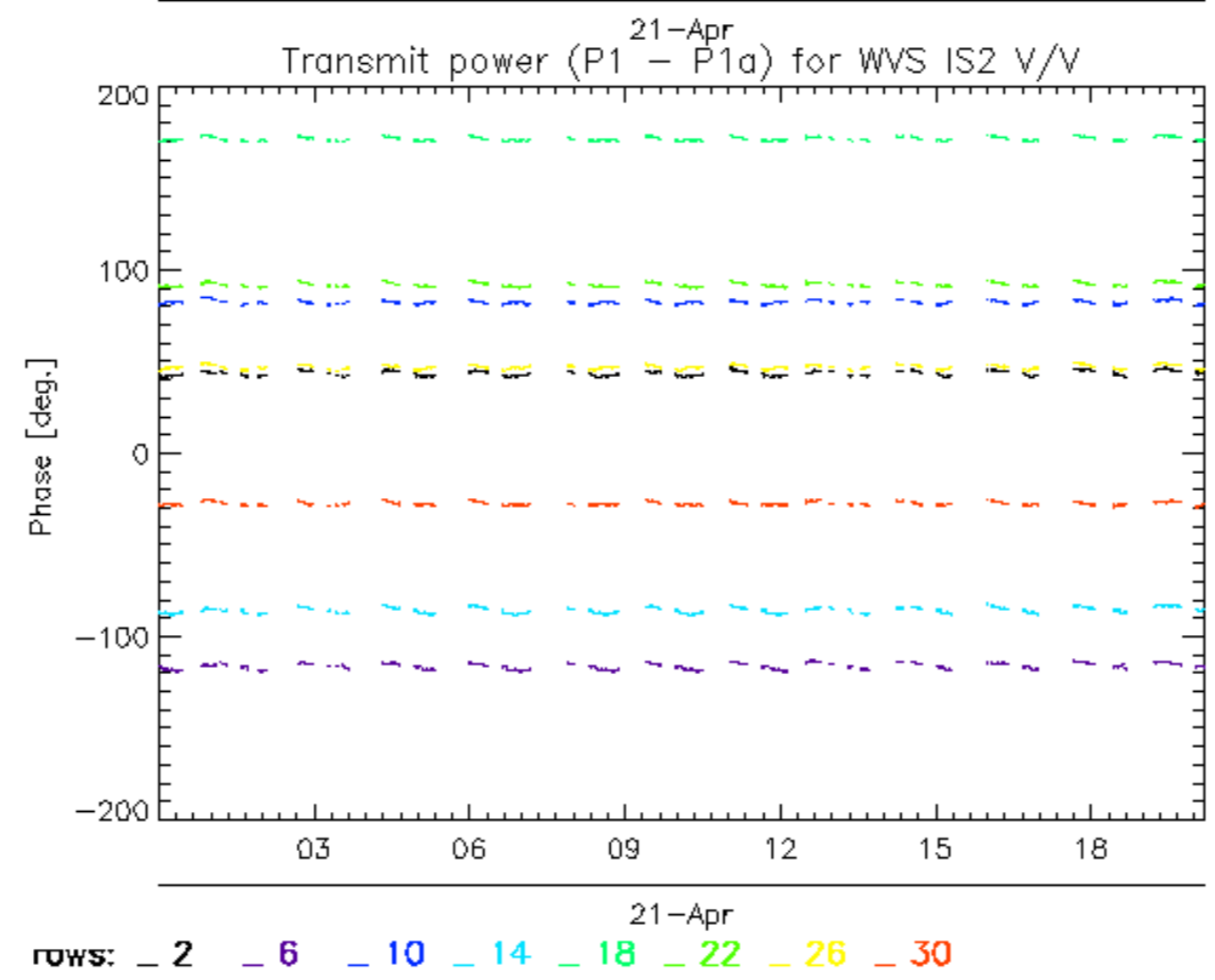
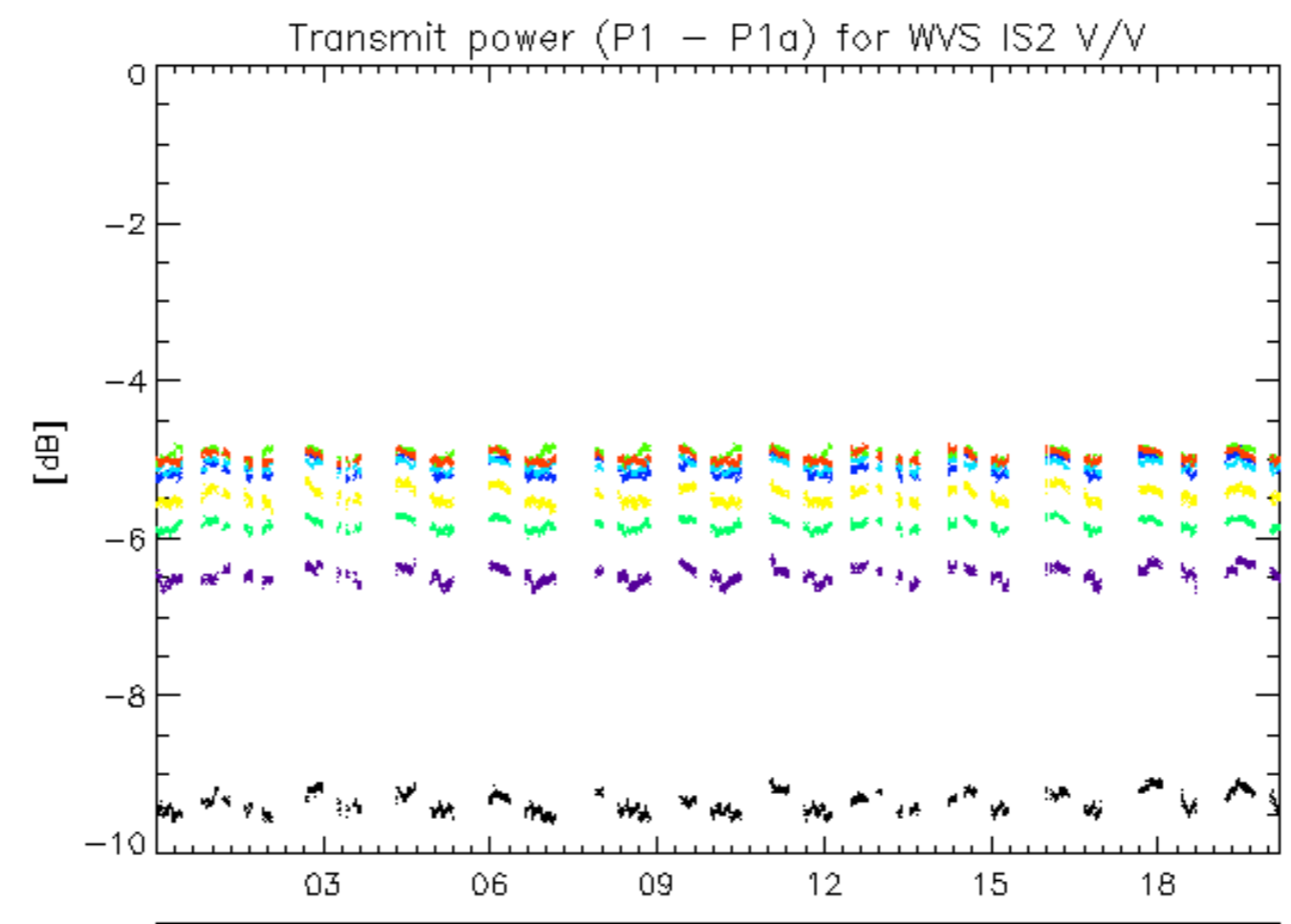


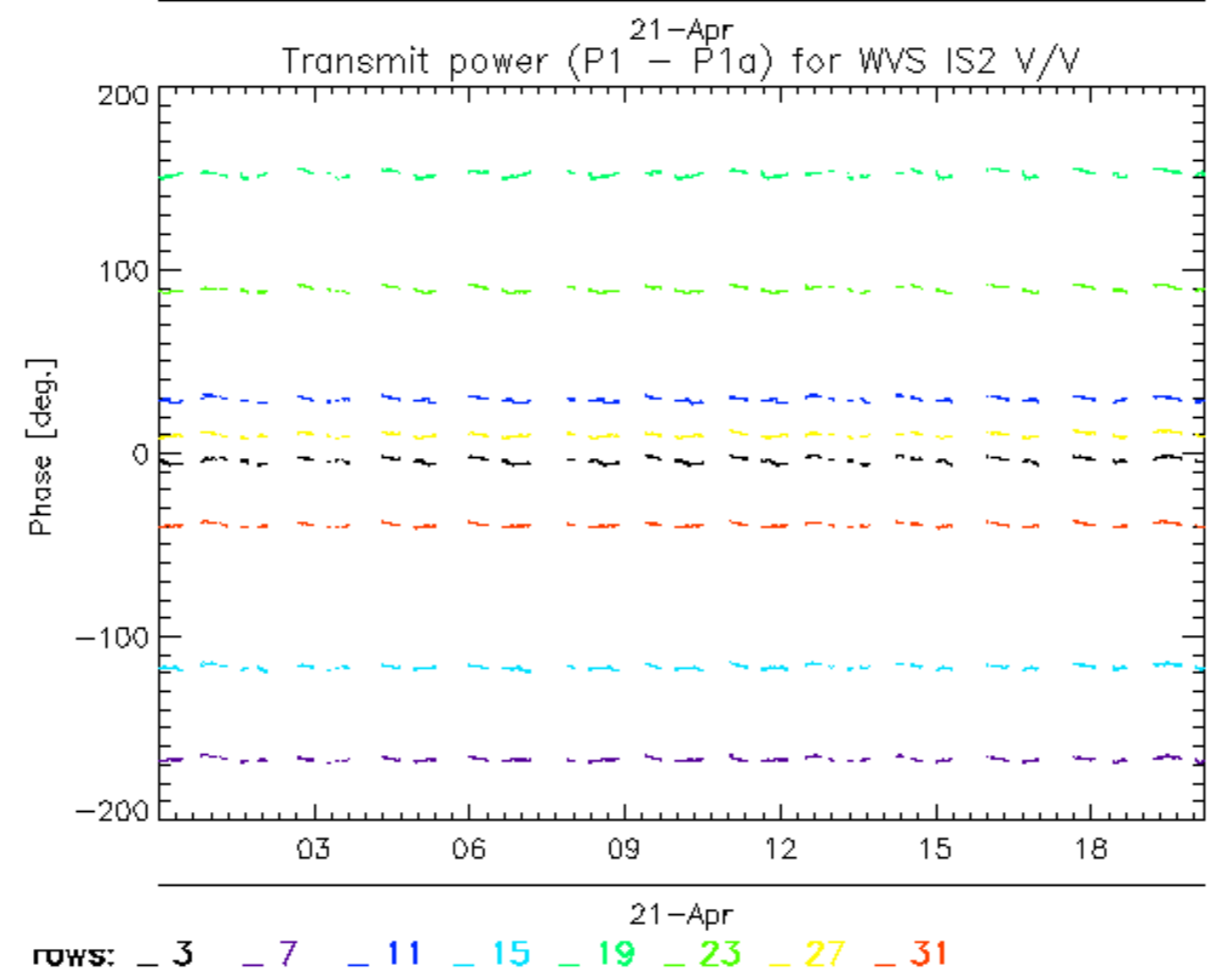
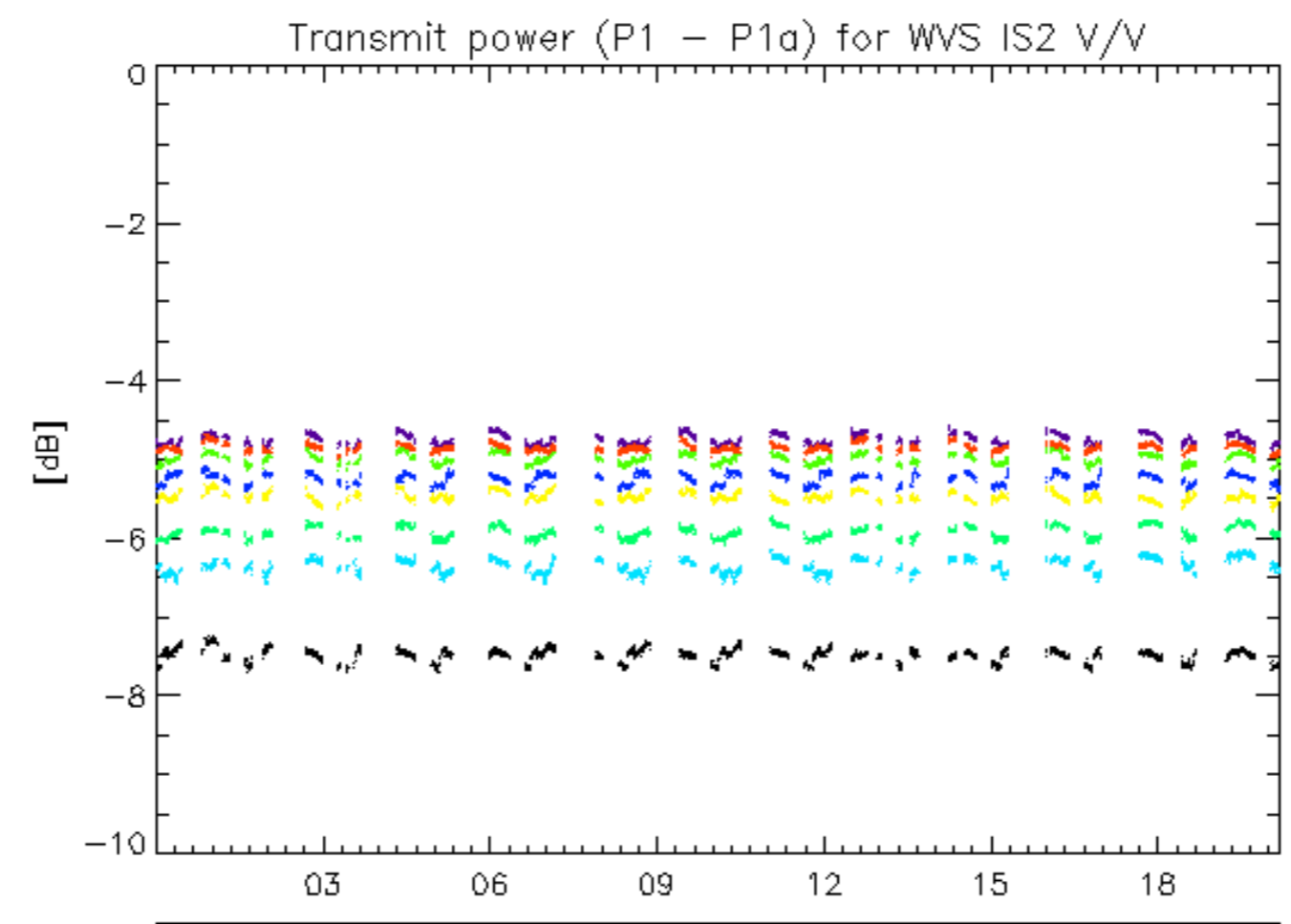


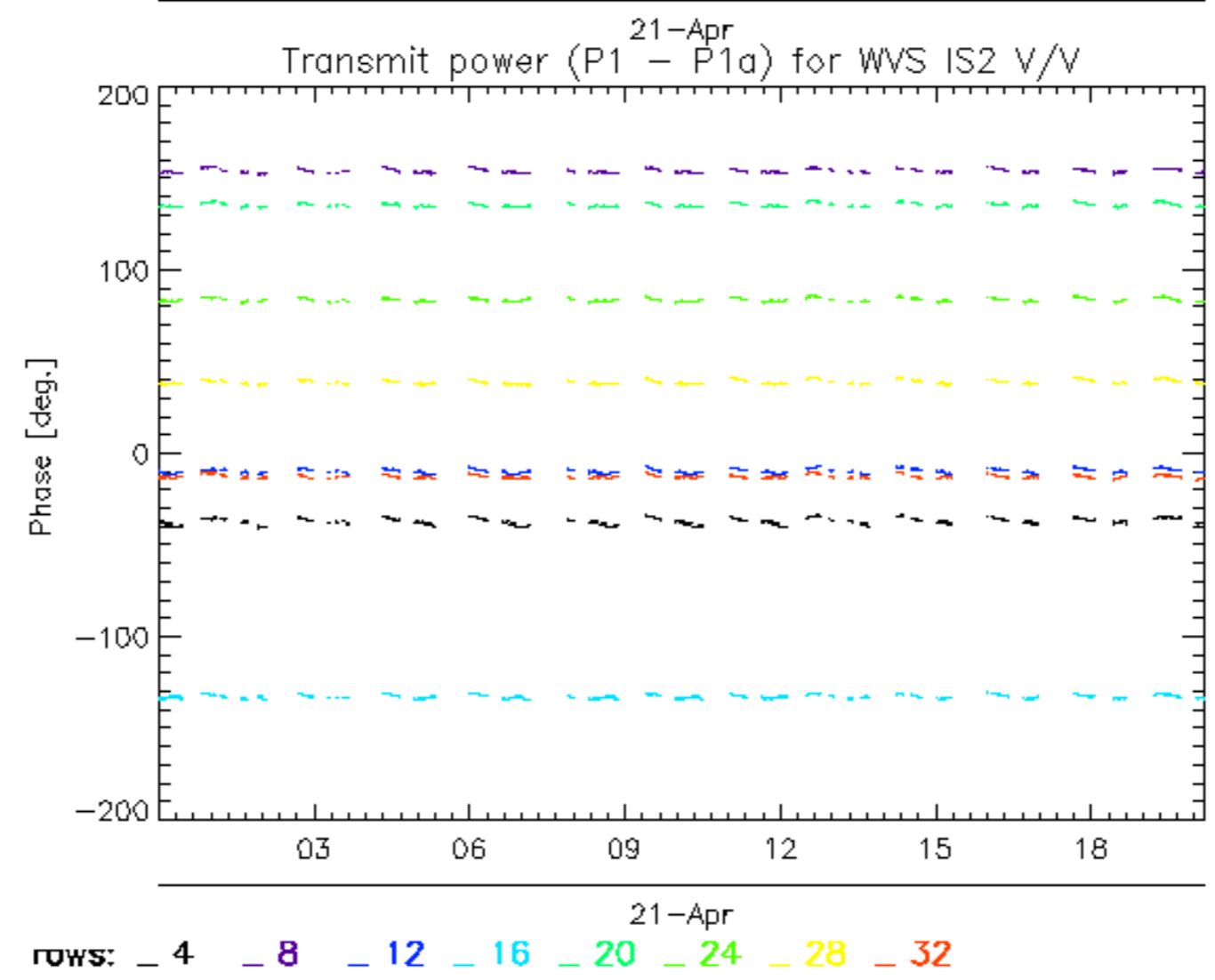
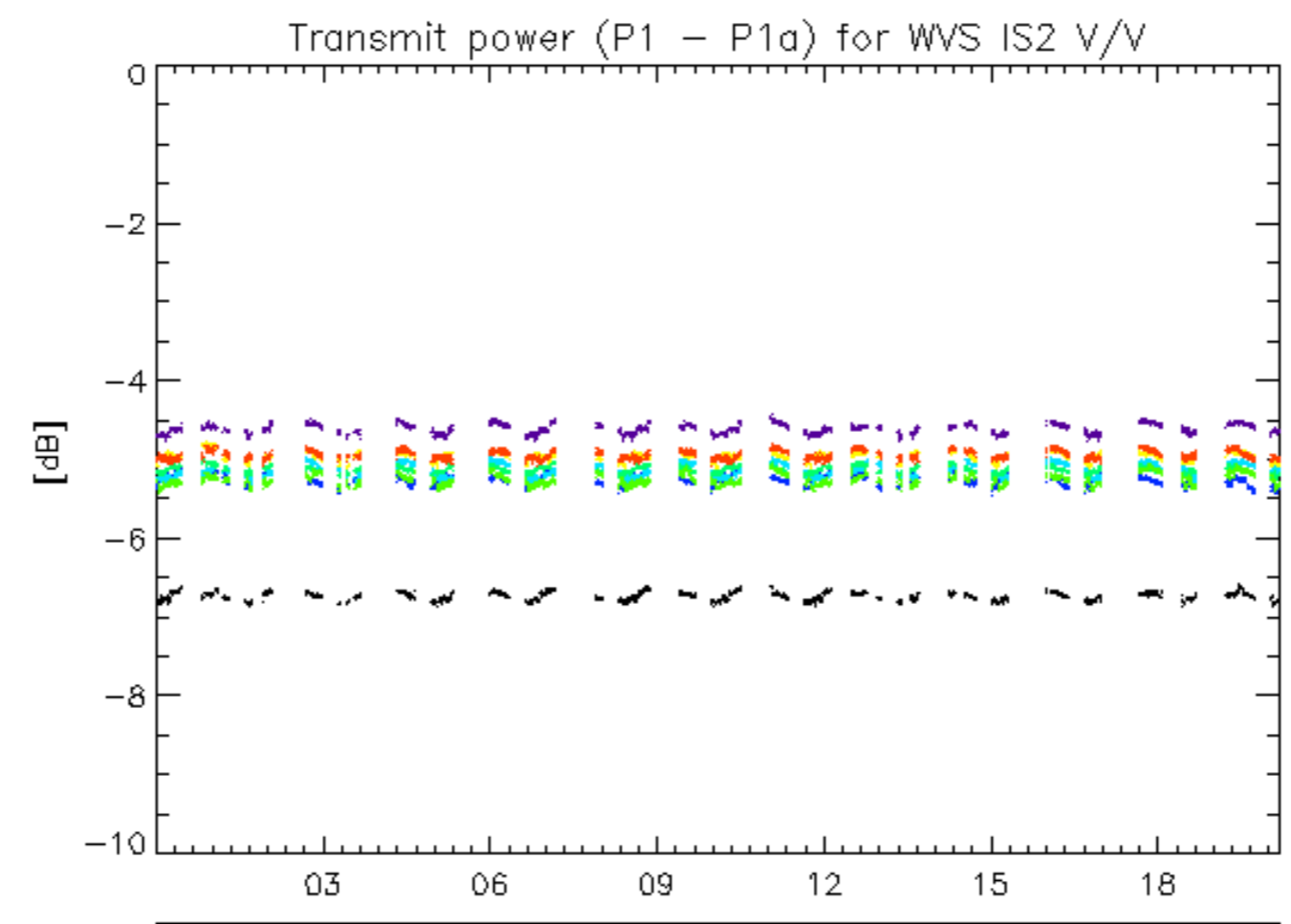
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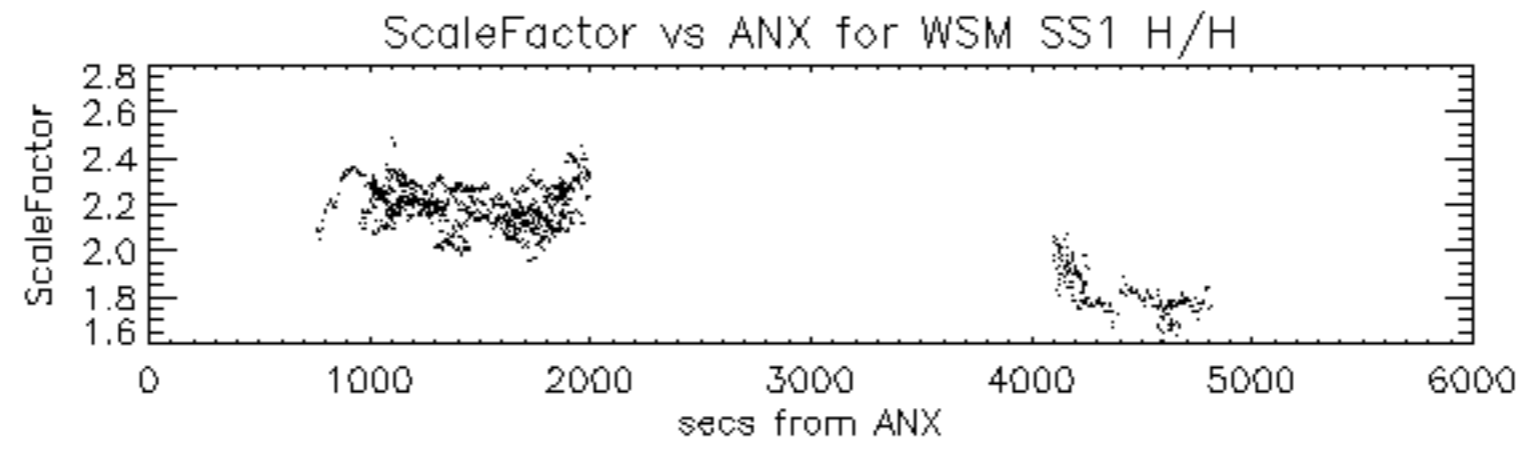


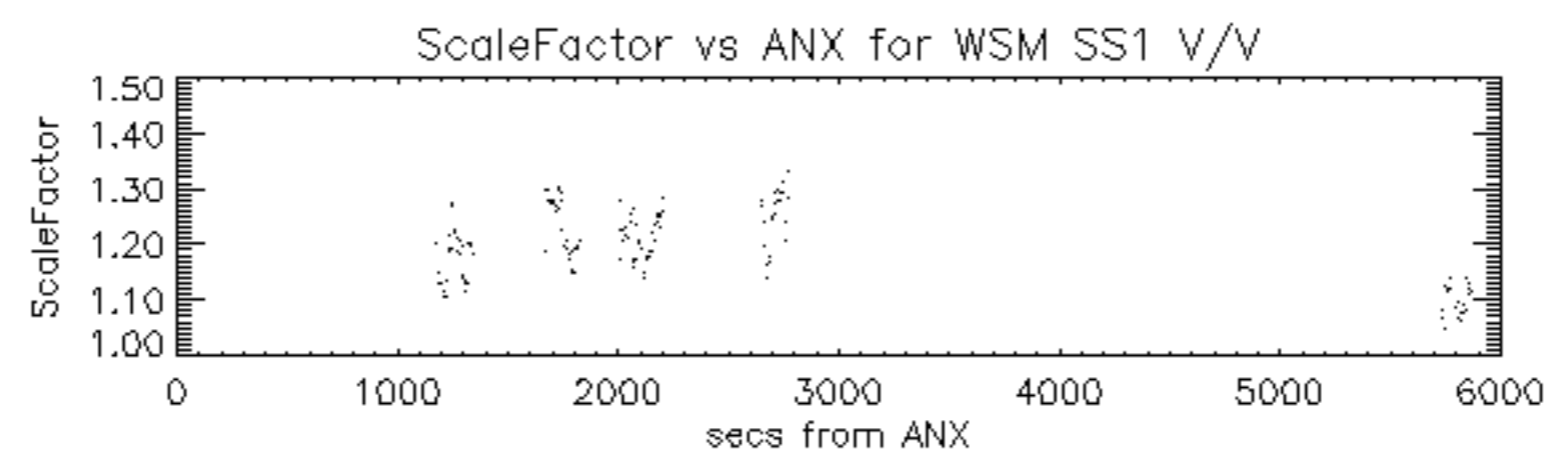
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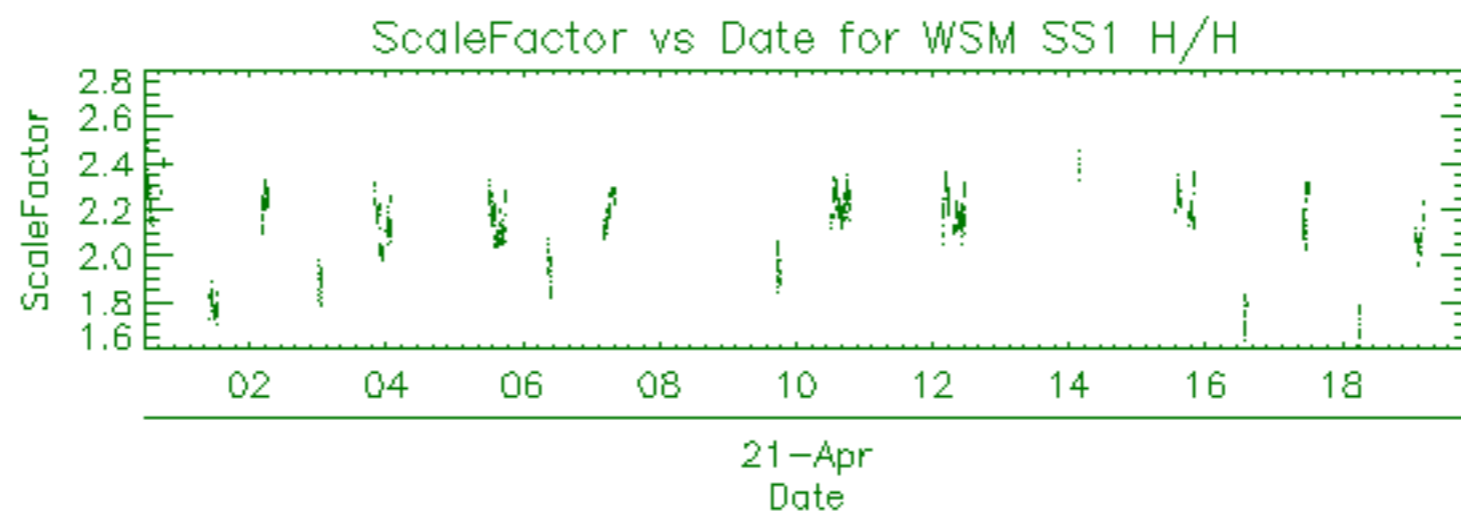


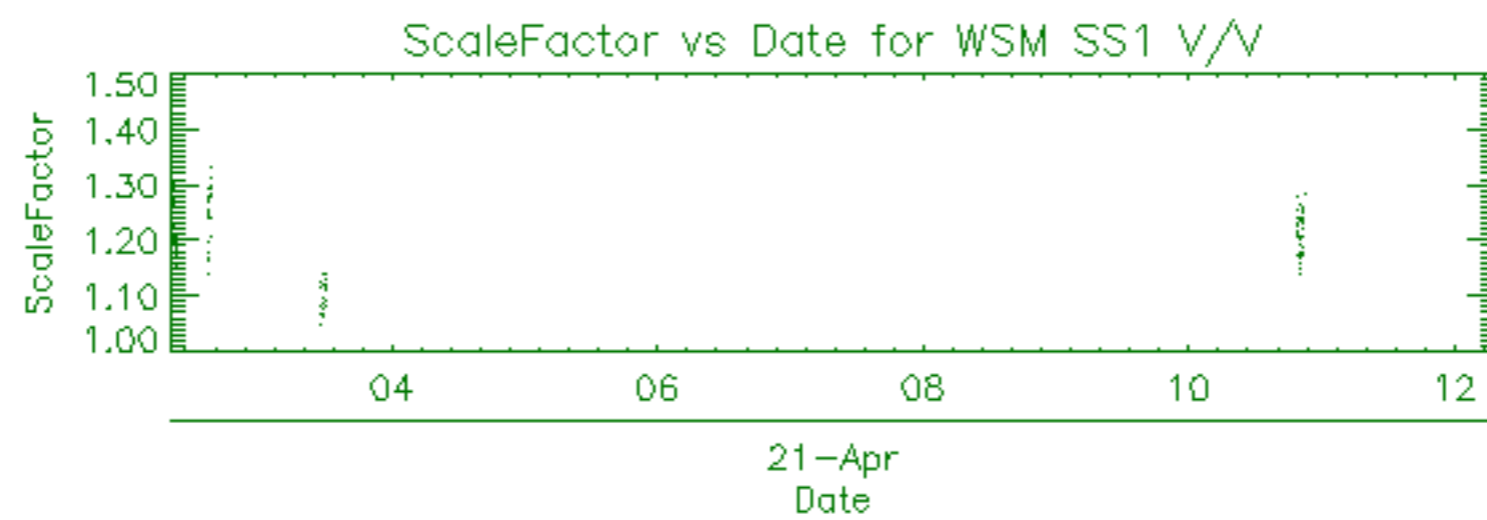












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20080421_023056_000000362067_00490_32107_1867.N1						IS1	H/H	67	32107	490	4.06
ASA_APM_1PNPDE20080421_052034_000000412067_00492_32109_2128.N1						IS4	H/H	67	32109	492	4.06
ASA_APM_1PNPDE20080421_073149_000000412067_00493_32110_2294.N1						IS6	V/H	67	32110	493	4.06
ASA_APM_1PNPDK20080421_134305_000000562067_00497_32114_1870.N1						IS2	H/H	67	32114	497	4.06
ASA_APM_1PNPDK20080421_203454_000000572067_00501_32118_2513.N1						IS1	H/H	67	32118	501	4.06

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20080421_003442_000004772067_00489_32106_1628.N1						SS1	H/H	67	32106	489	4.06
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ASA_GM1_1PNPDE20080421_004729_000000782067_00489_32106_1641.N1						SS1	H/H	67	32106	489	4.06
ASA_GM1_1PNPDE20080421_010613_000003502067_00489_32106_1648.N1						SS1	H/H	67	32106	489	4.06
ASA_GM1_1PNPDE20080421_011915_000003382067_00489_32106_1639.N1						SS1	H/H	67	32106	489	4.06
ASA_GM1_1PNPDE20080421_013225_000001692067_00489_32106_1653.N1						SS1	H/H	67	32106	489	4.06
ASA_GM1_1PNPDE20080421_014406_000005982067_00489_32106_1780.N1						SS1	H/H	67	32106	489	4.06
ASA_GM1_1PNPDE20080421_020602_000002412067_00490_32107_1775.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_021717_000001632067_00490_32107_1773.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_022313_000004532067_00490_32107_1787.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_023242_000002172067_00490_32107_1782.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_023900_000000722067_00490_32107_1789.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_030340_000007252067_00490_32107_1938.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_031901_000002412067_00490_32107_1940.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_032315_000001262067_00490_32107_1936.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_033027_000001752067_00490_32107_1934.N1						SS1	H/H	67	32107	490	4.06
ASA_GM1_1PNPDE20080421_033540_000000902067_00491_32108_1932.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_034113_000000782067_00491_32108_1930.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_034341_000003562067_00491_32108_1948.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_035741_000001262067_00491_32108_1950.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_040456_000008272067_00491_32108_1955.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_044027_000009242067_00491_32108_2157.N1						SS1	H/H	67	32108	491	4.06
ASA_GM1_1PNPDE20080421_052547_000002652067_00492_32109_2143.N1						SS1	H/H	67	32109	492	4.06
ASA_GM1_1PNPDE20080421_053800_000000782067_00492_32109_2141.N1						SS1	H/H	67	32109	492	4.06
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ASA_GM1_1PNPDK20080421_072106_000000962067_00493_32110_1359.N1						SS1	H/H	67	32110	493	4.06
ASA_GM1_1PNPDK20080421_072204_000005862067_00493_32110_1422.N1						SS1	H/H	67	32110	493	4.06
ASA_GM1_1PNPDK20080421_073732_000004282067_00493_32110_1424.N1						SS1	H/H	67	32110	493	4.06
ASA_GM1_1PNPDK20080421_074534_000005252067_00493_32110_1426.N1						SS1	H/H	67	32110	493	4.06
ASA_GM1_1PNPDK20080421_080139_000009242067_00493_32110_1431.N1						SS1	H/H	67	32110	493	4.06
ASA_GM1_1PNPDK20080421_085249_000006702067_00494_32111_1499.N1						SS1	H/H	67	32111	494	4.06
ASA_GM1_1PNPDK20080421_091021_000000842067_00494_32111_1554.N1						SS1	H/H	67	32111	494	4.06
ASA_GM1_1PNPDK20080421_091552_000004532067_00494_32111_1557.N1						SS1	H/H	67	32111	494	4.06
ASA_GM1_1PNPDK20080421_094603_000007312067_00494_32111_1621.N1						SS1	H/H	67	32111	494	4.06
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ASA_GM1_1PNPDK20080421_112251_000009242067_00495_32112_1828.N1						SS1	H/H	67	32112	495	4.06
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ASA_GM1_1PNPDK20080421_125550_000001022067_00496_32113_1877.N1						SS1	H/H	67	32113	496	4.06
ASA_GM1_1PNPDK20080421_130326_000009242067_00496_32113_1889.N1						SS1	H/H	67	32113	496	4.06
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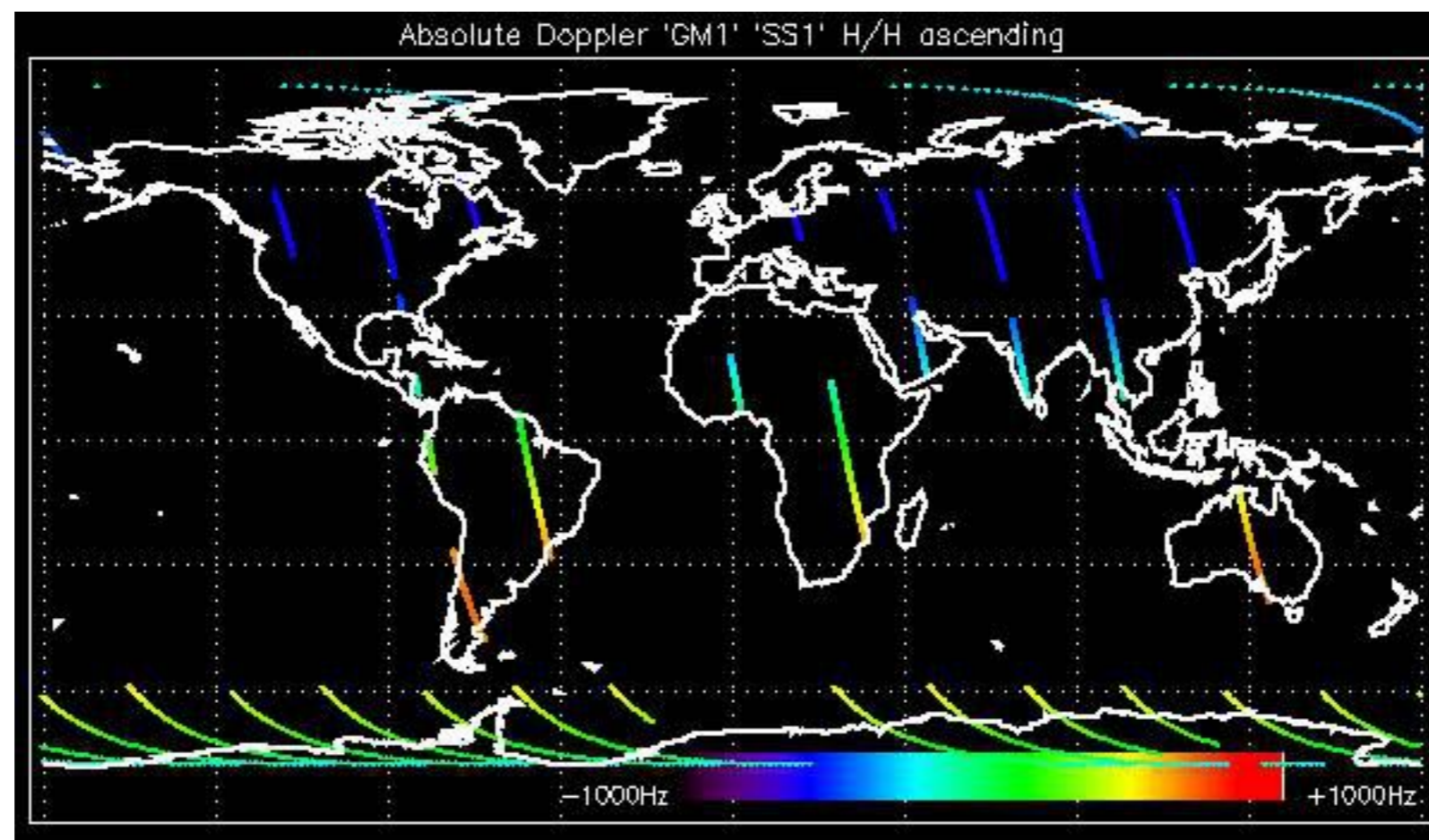
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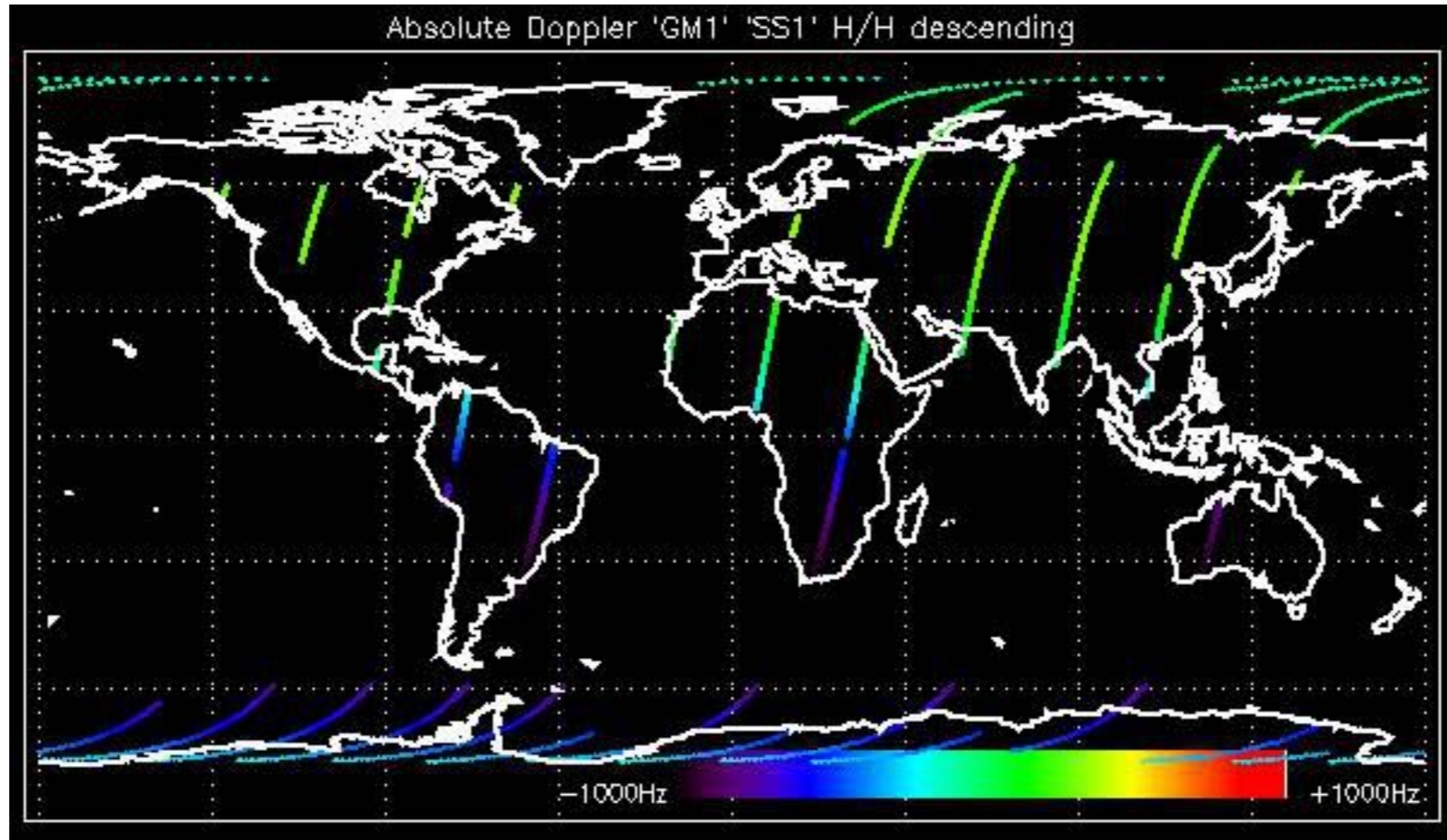
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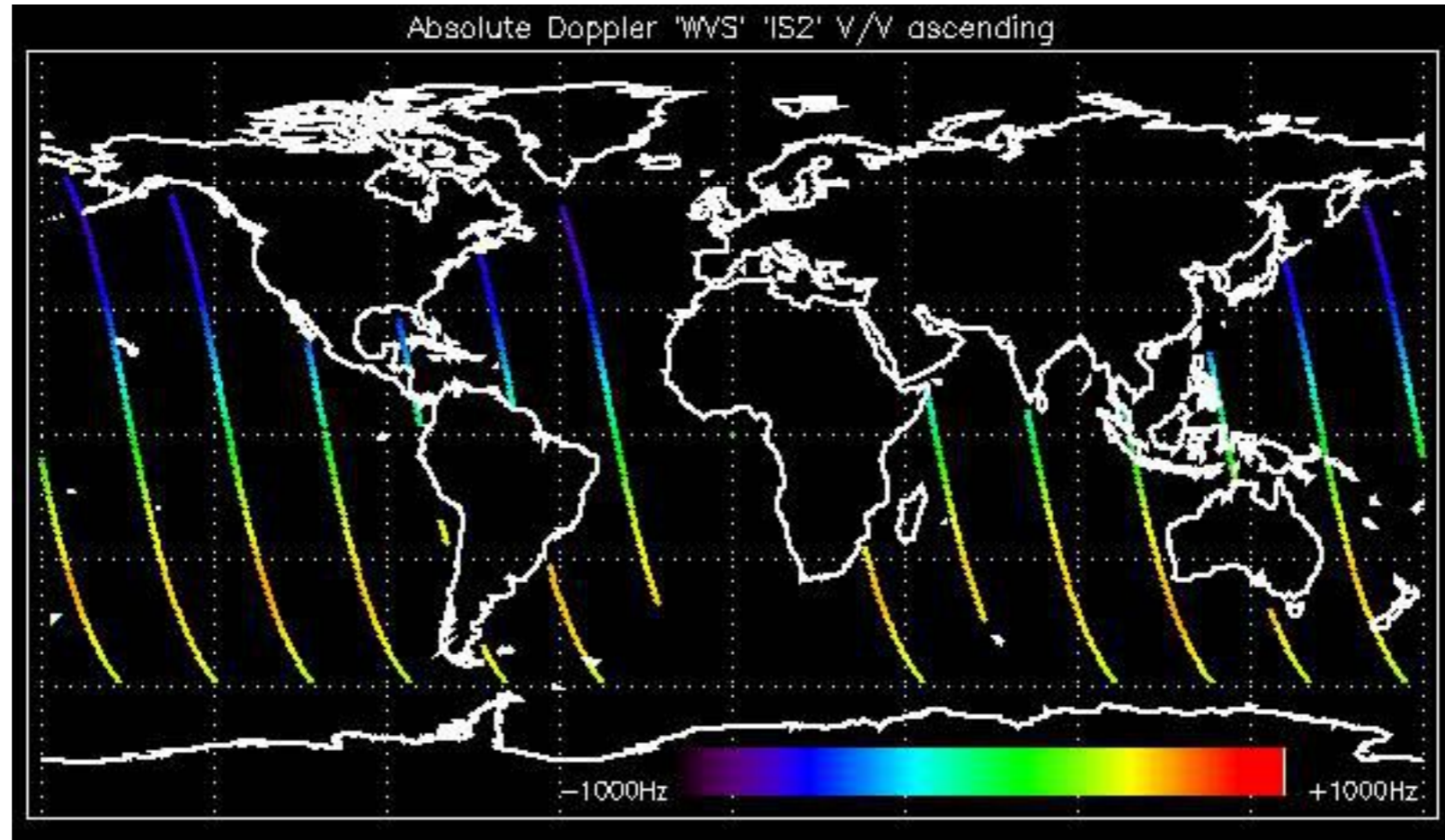


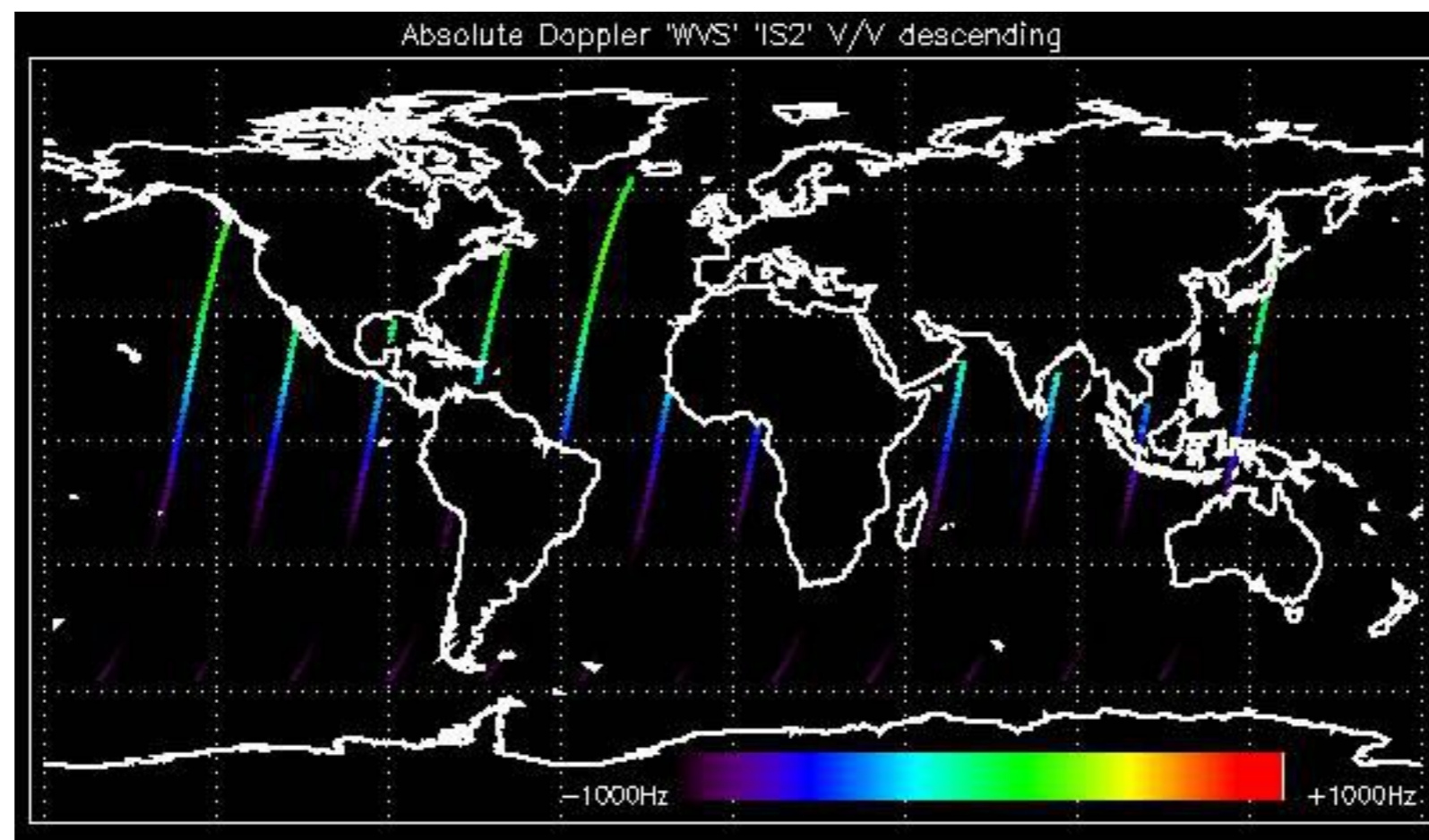
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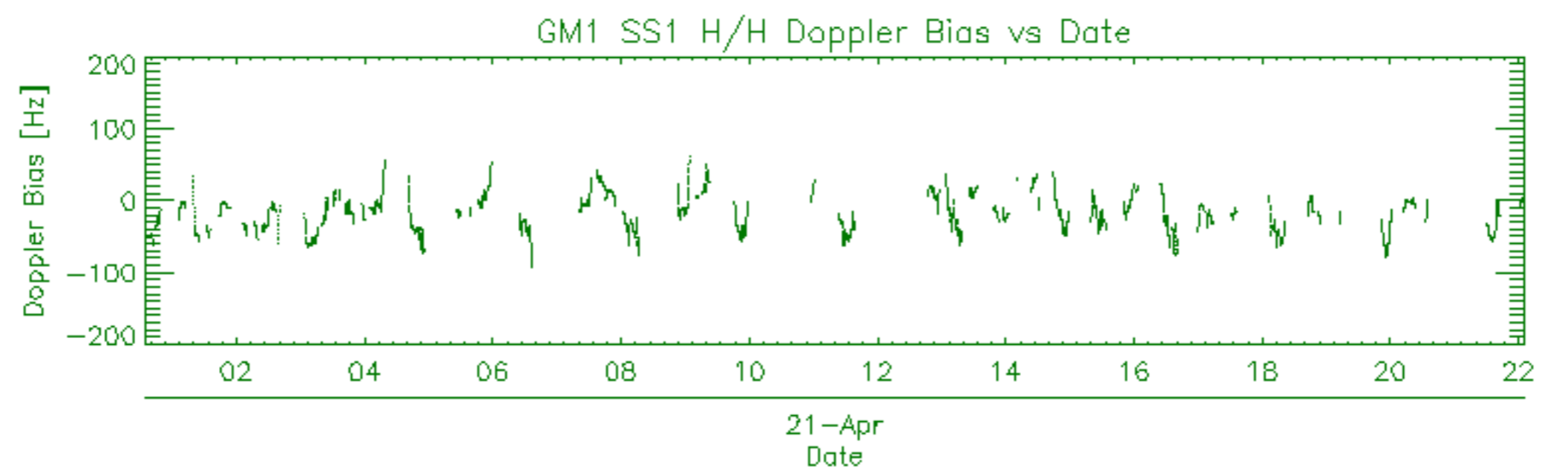
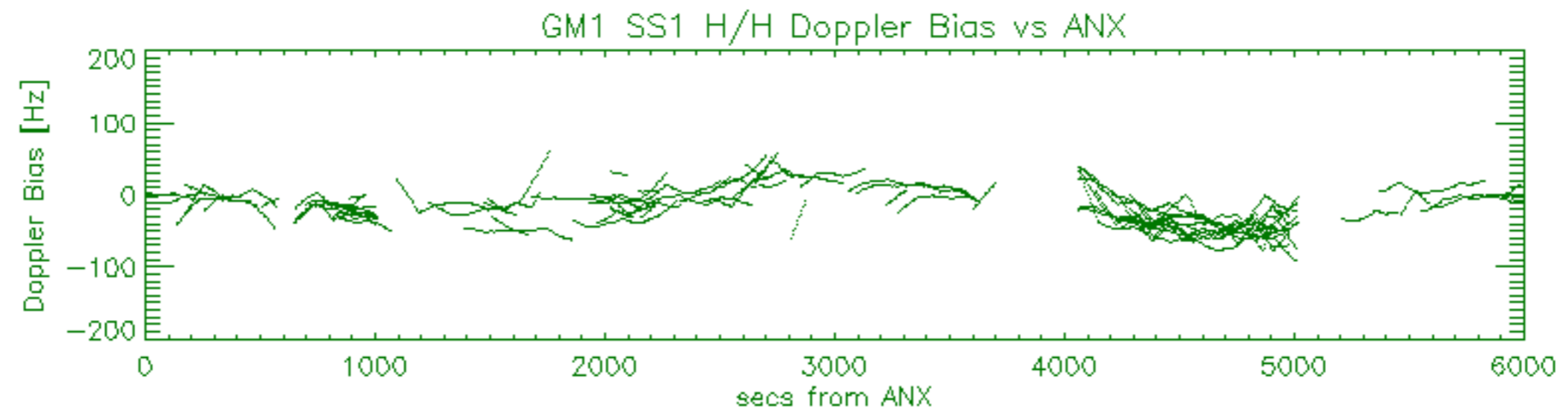
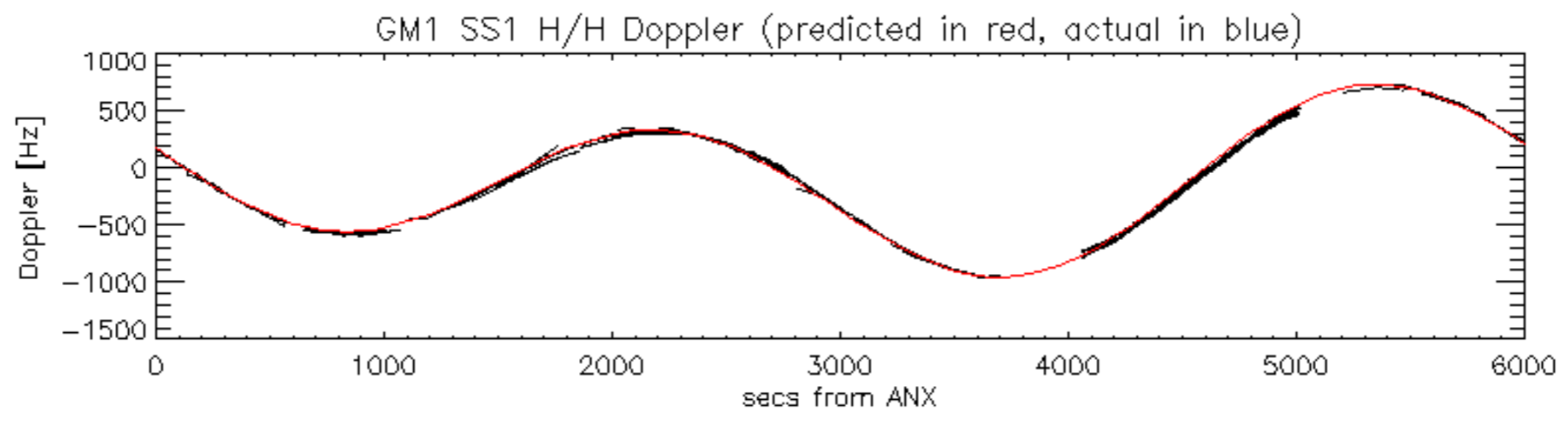
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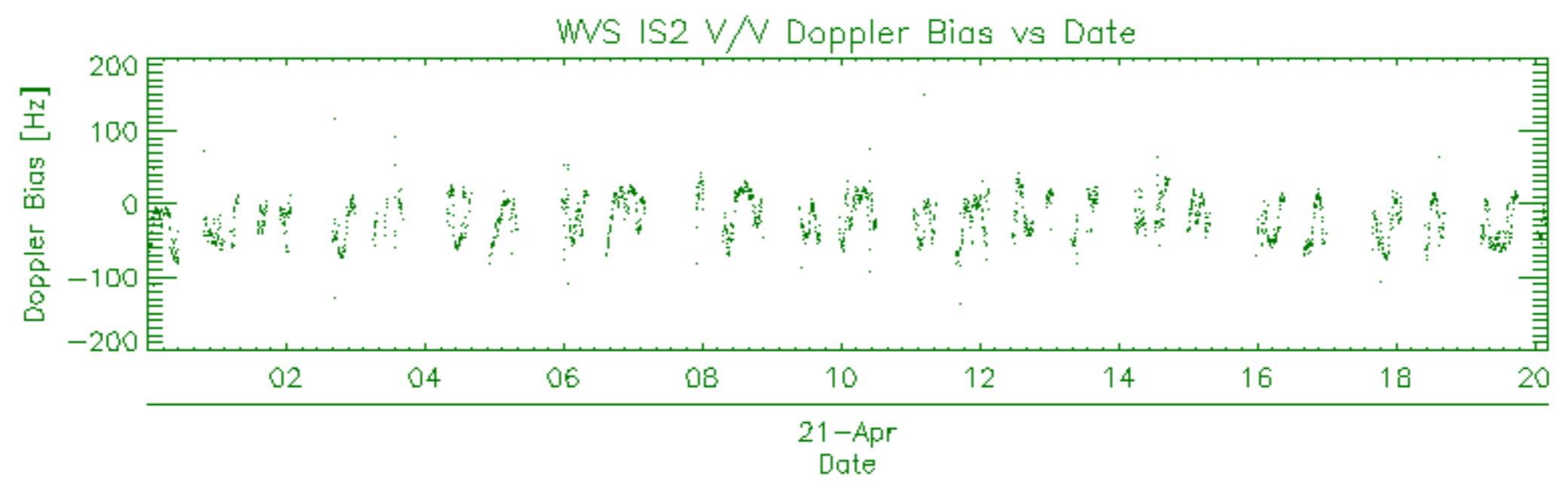
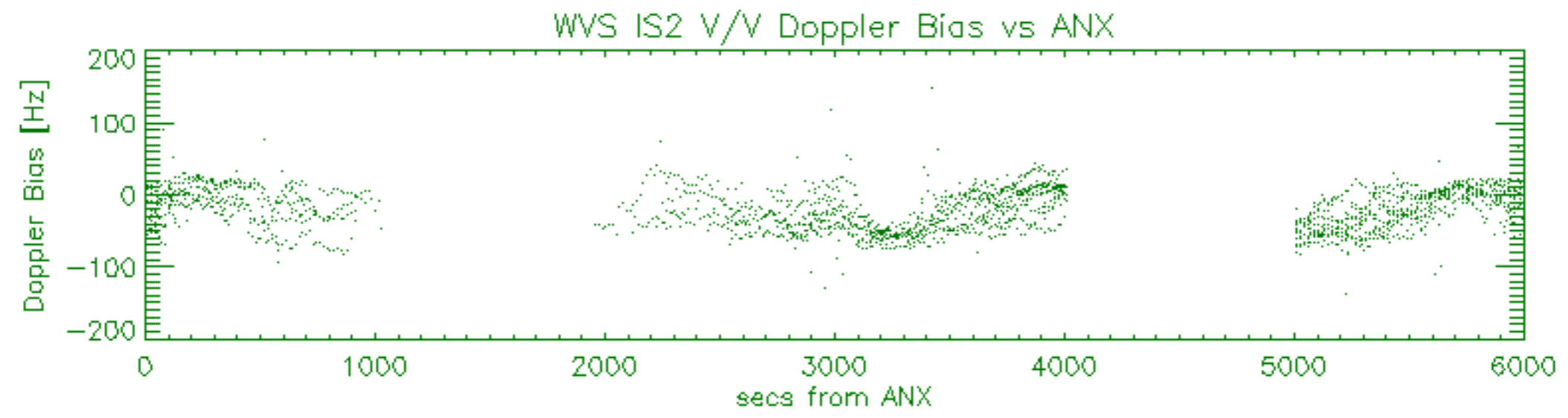
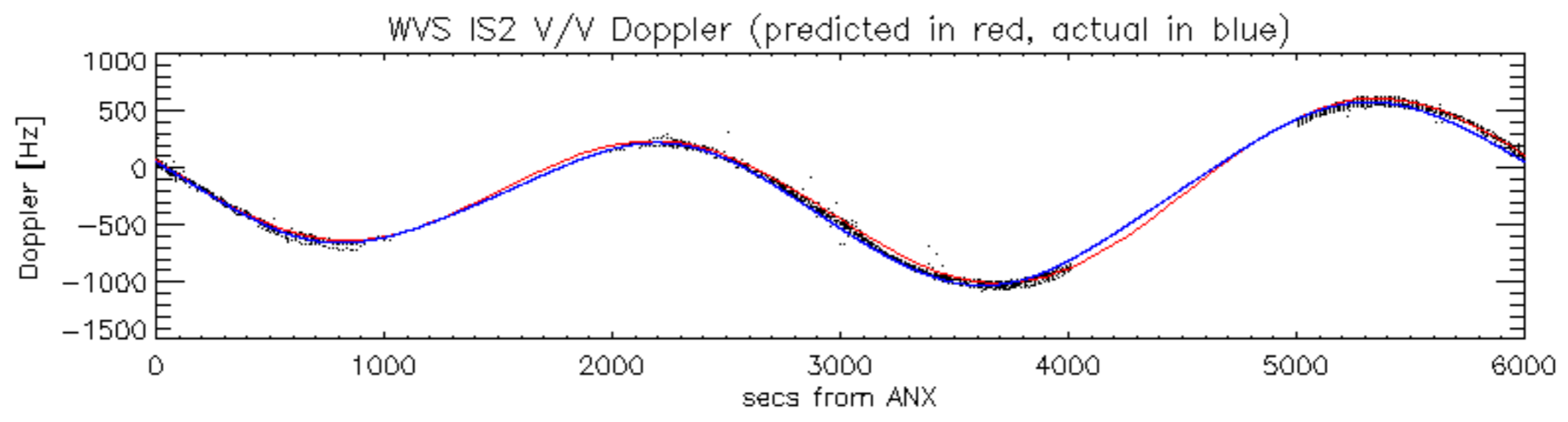


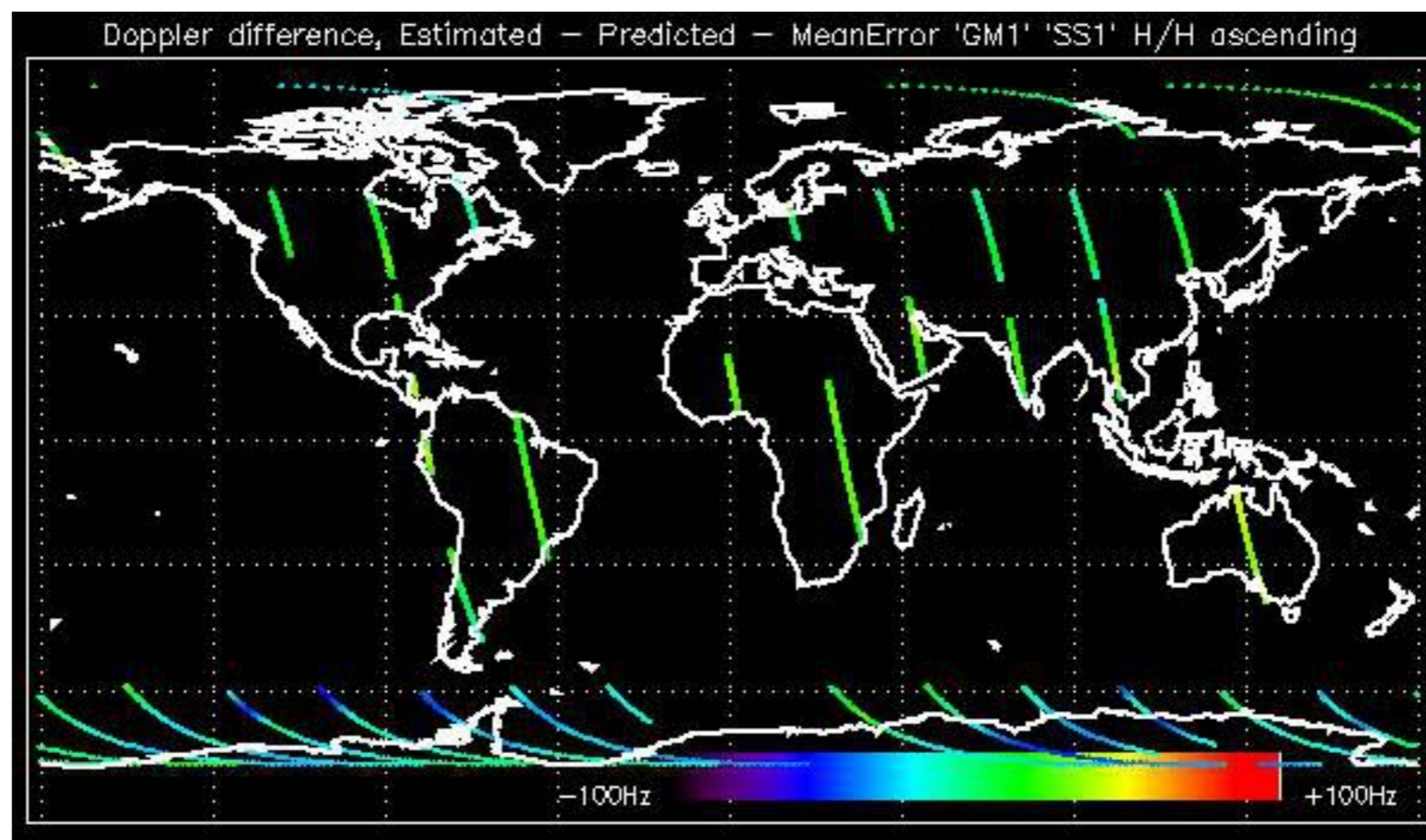


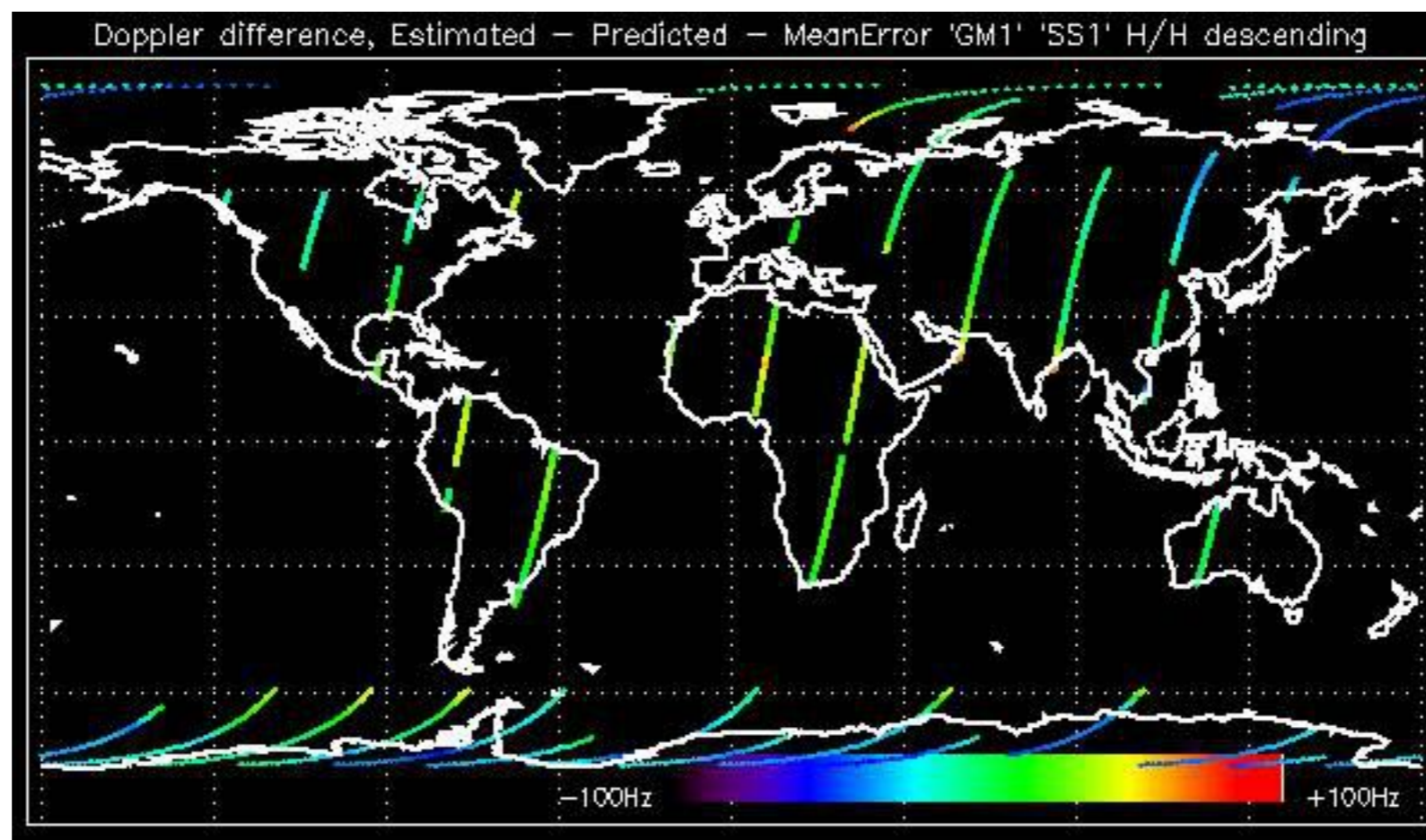


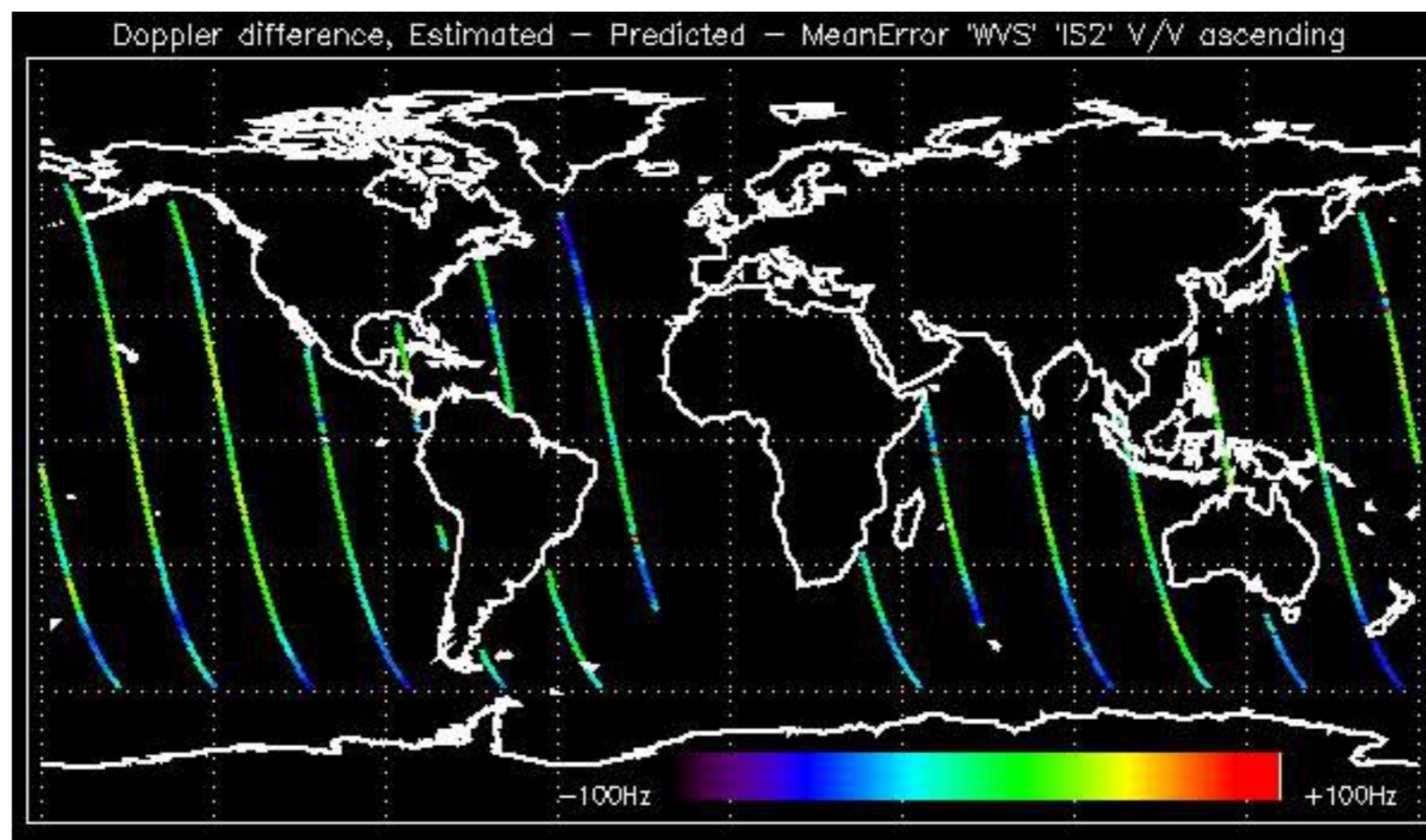


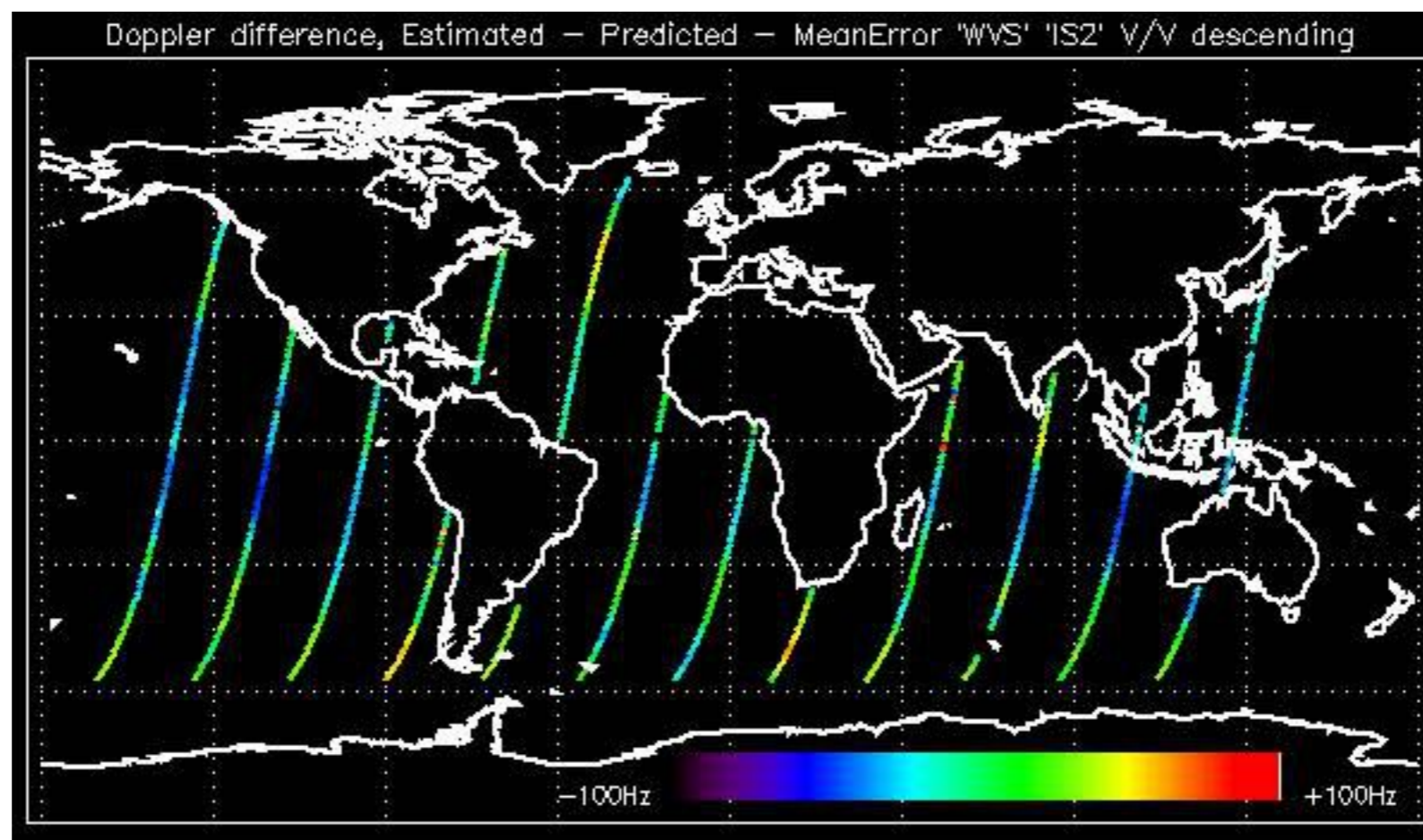


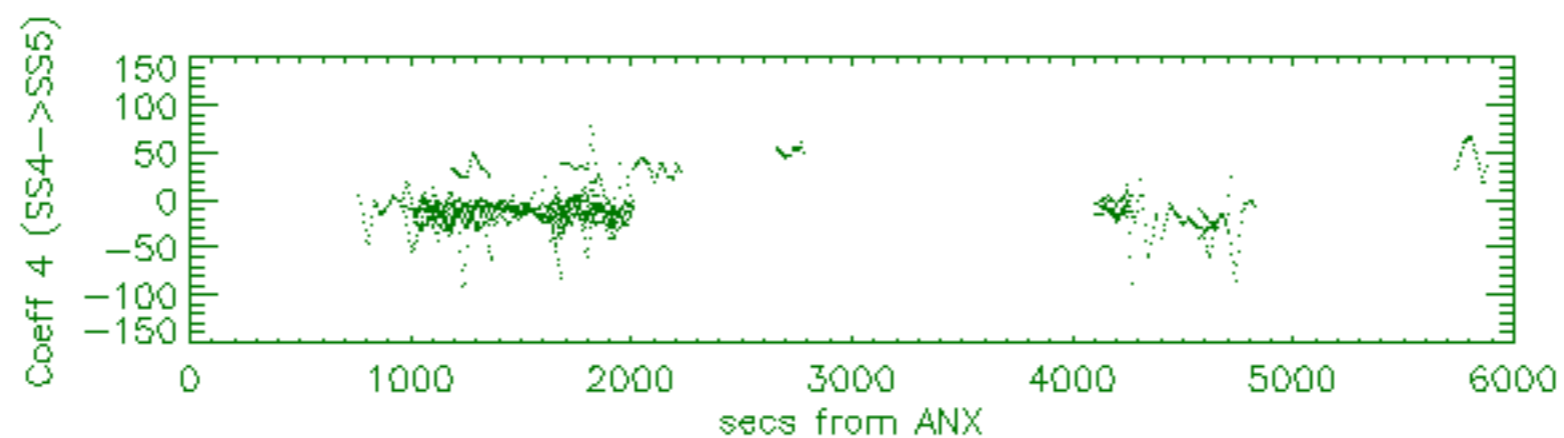
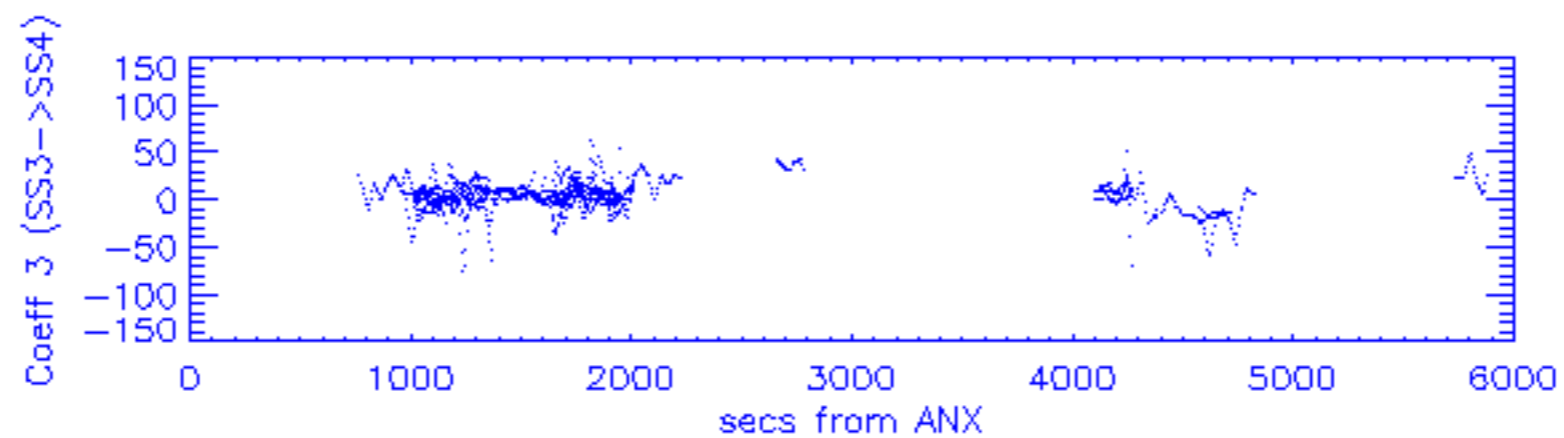
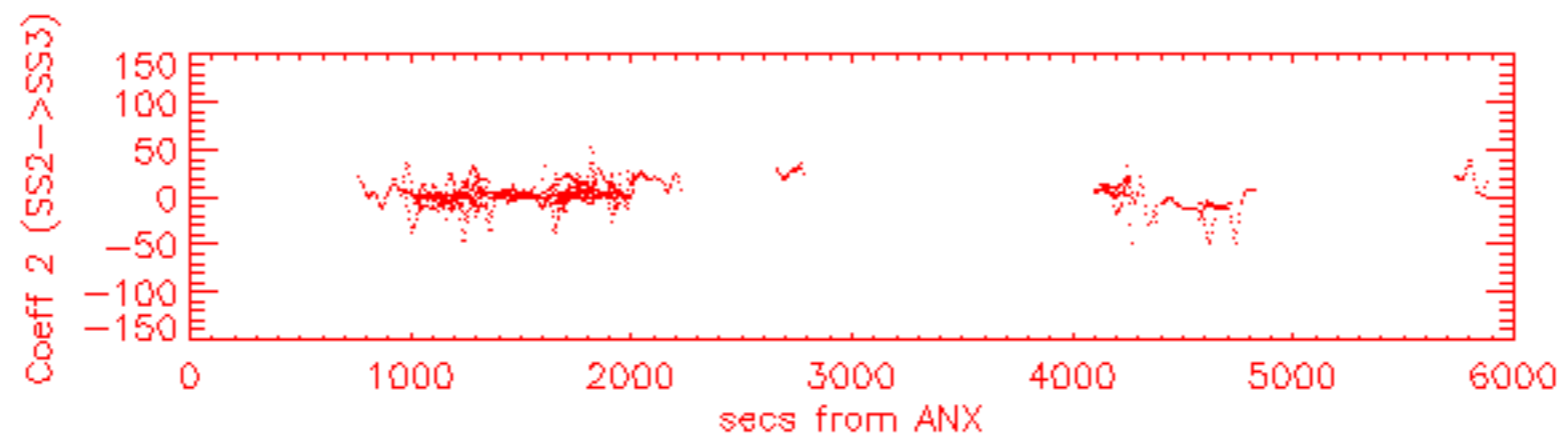
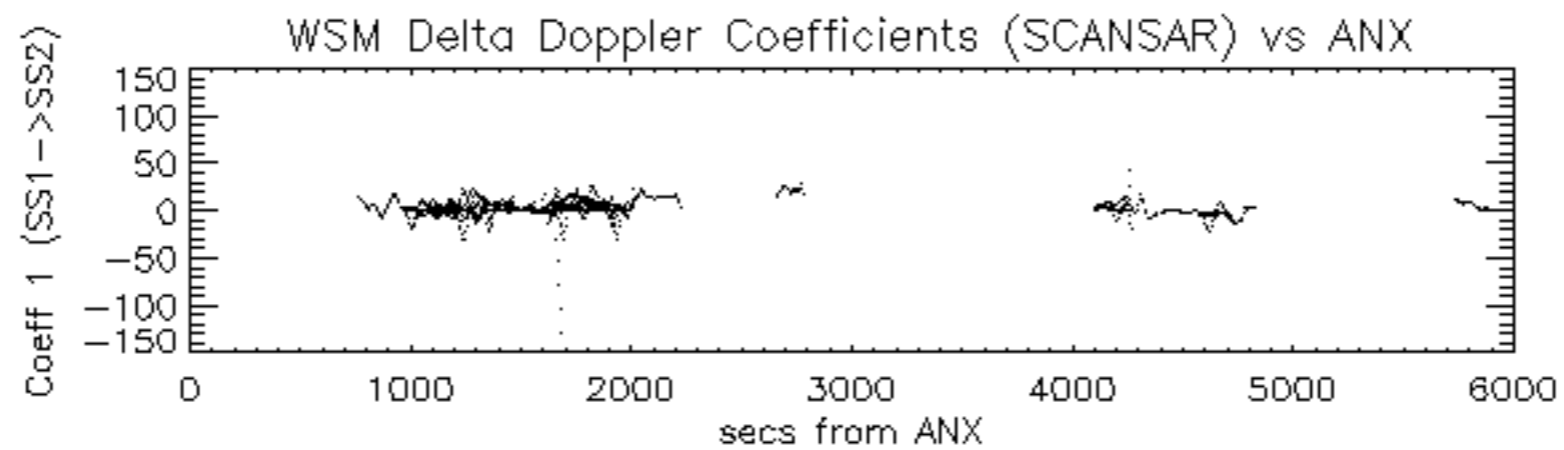


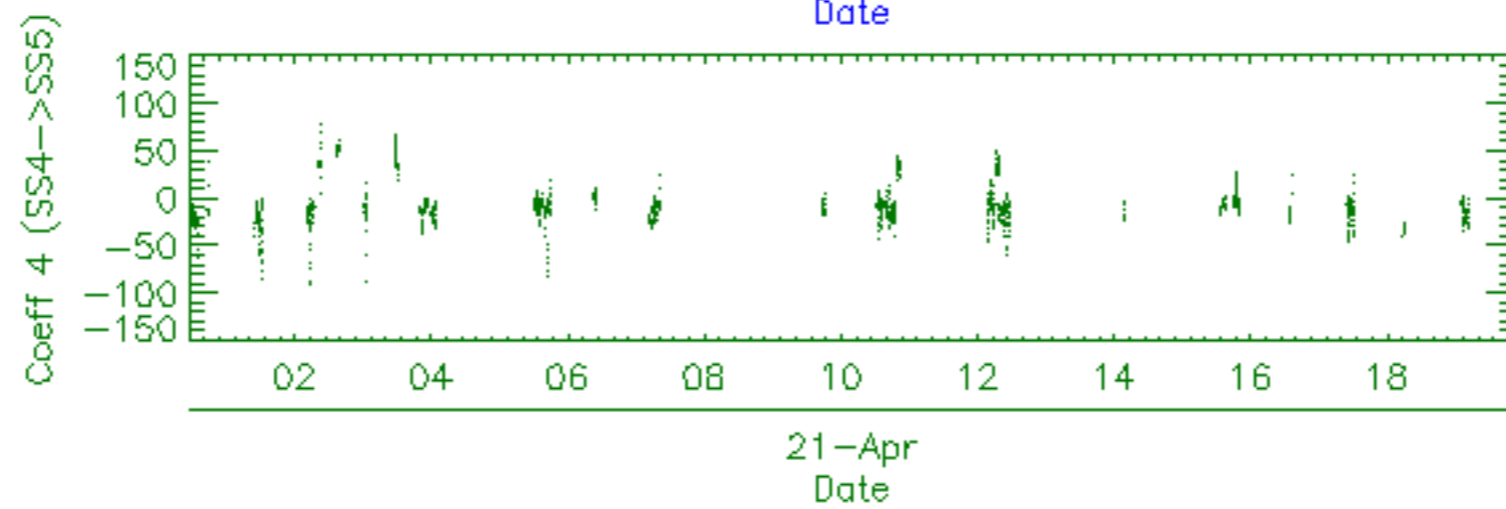
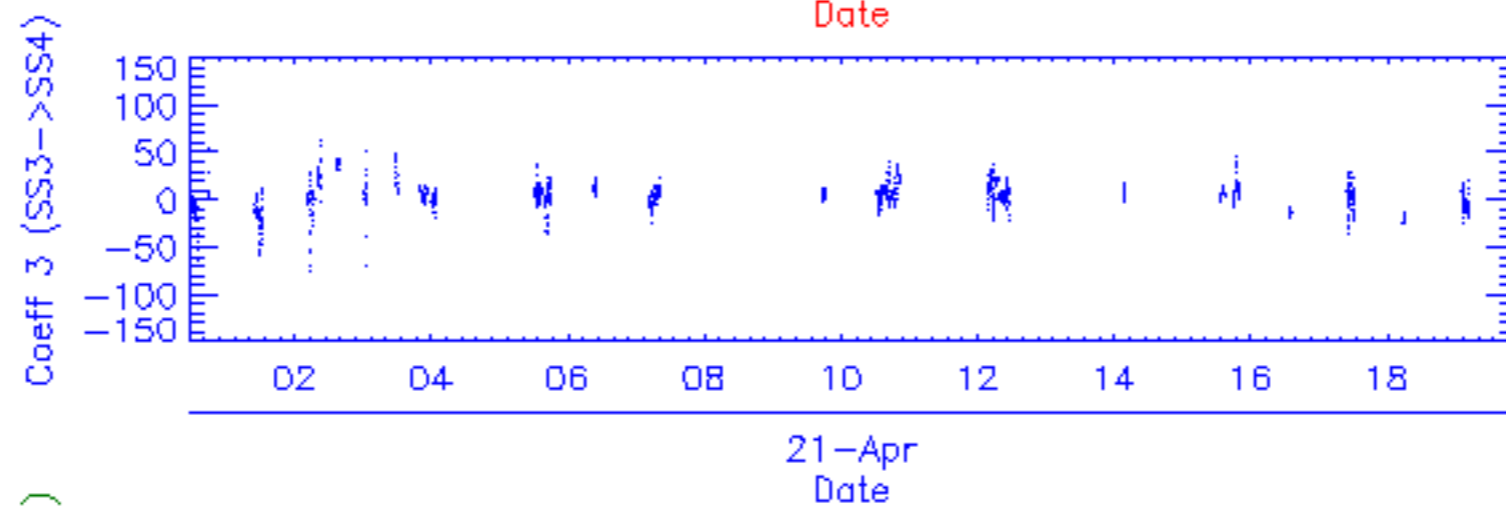
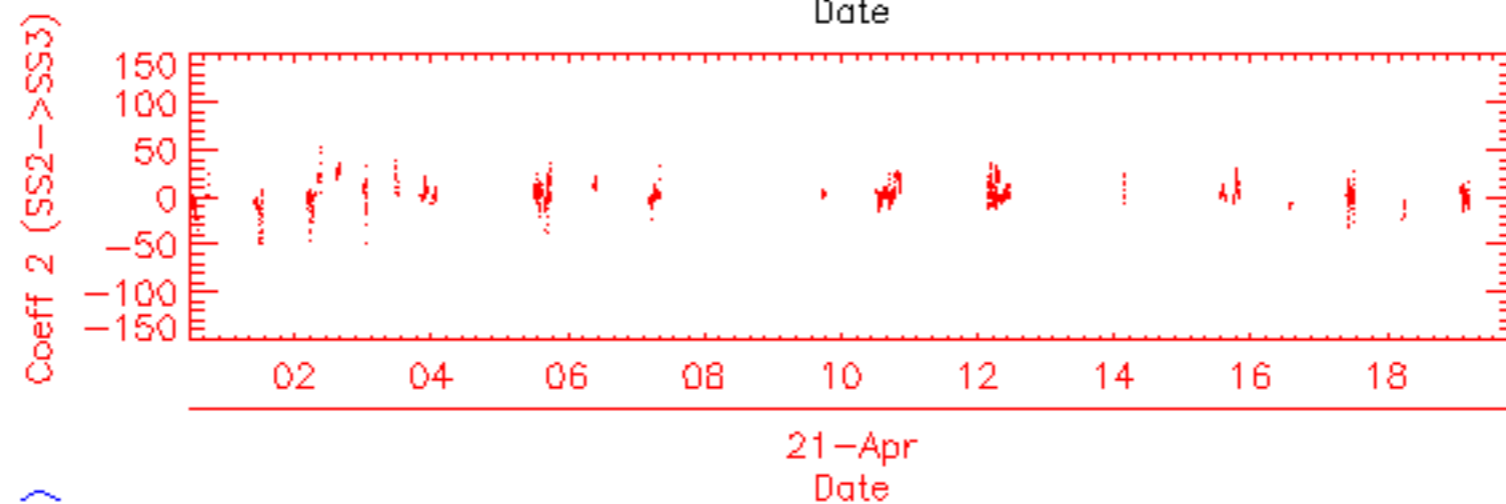
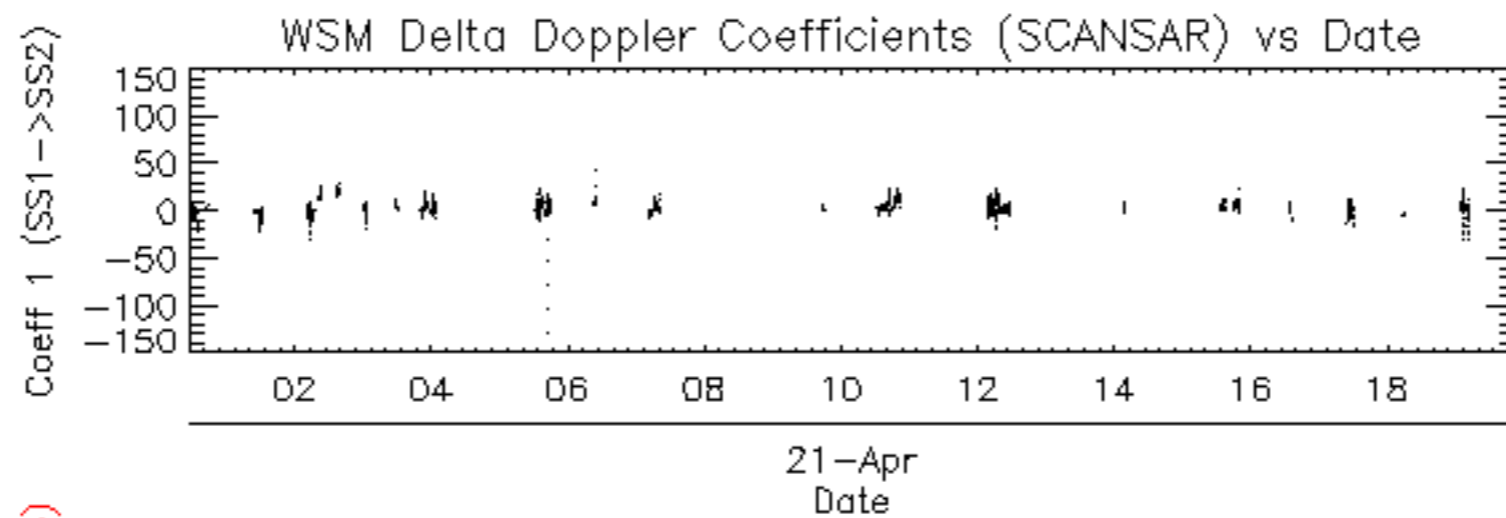


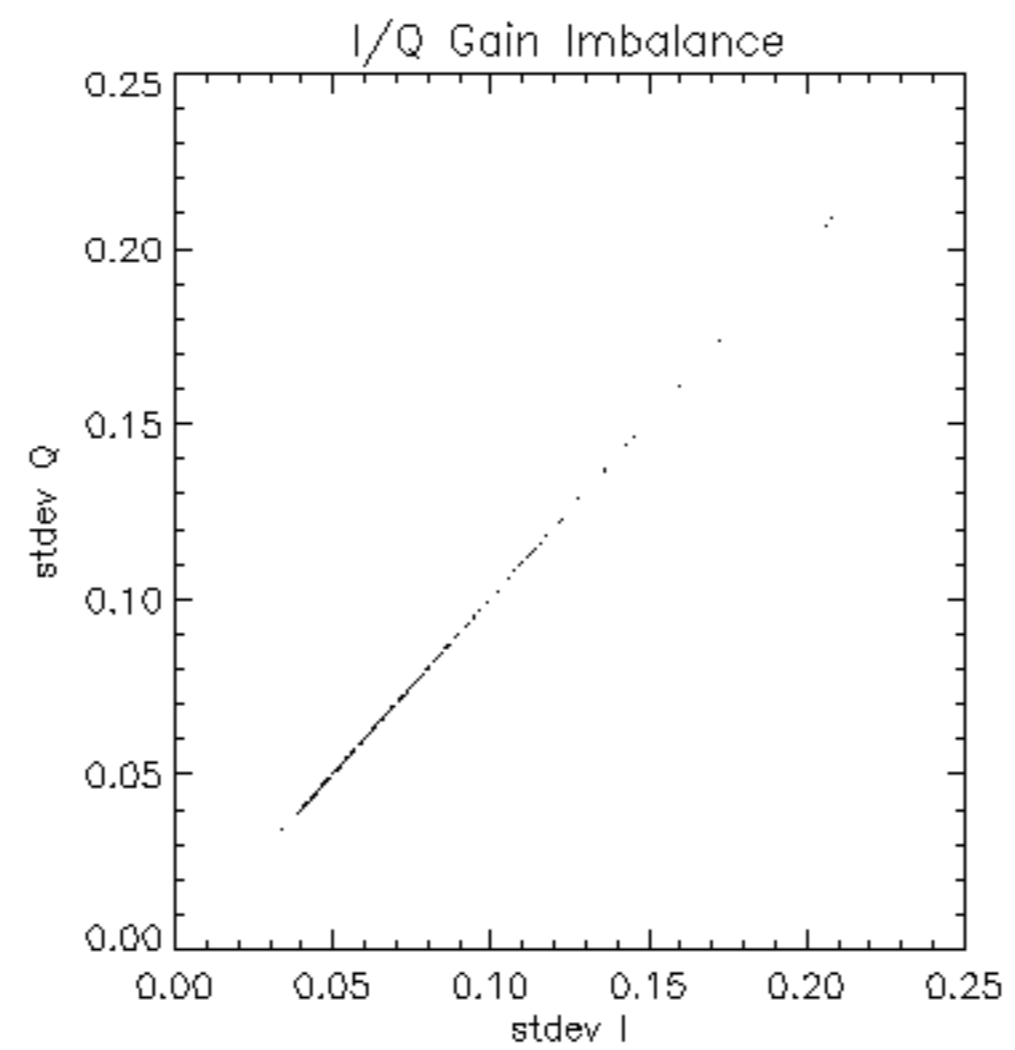


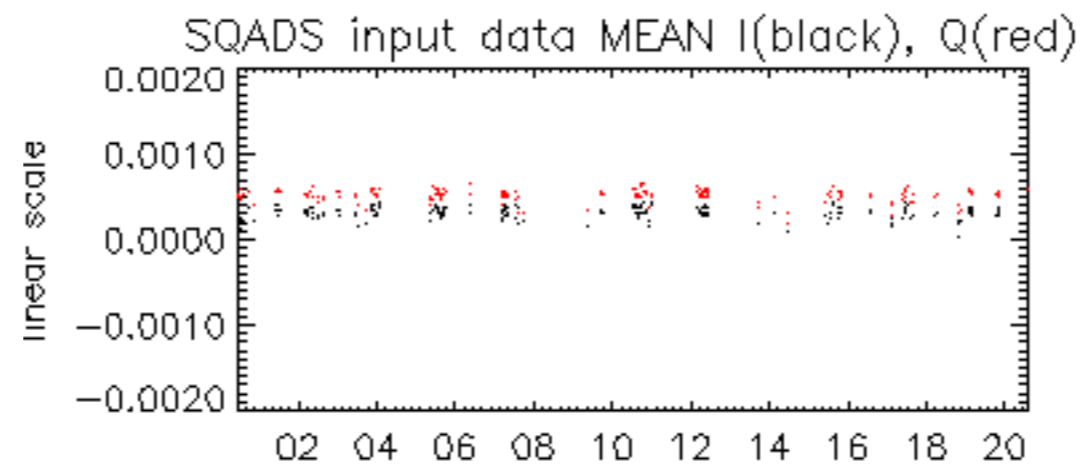




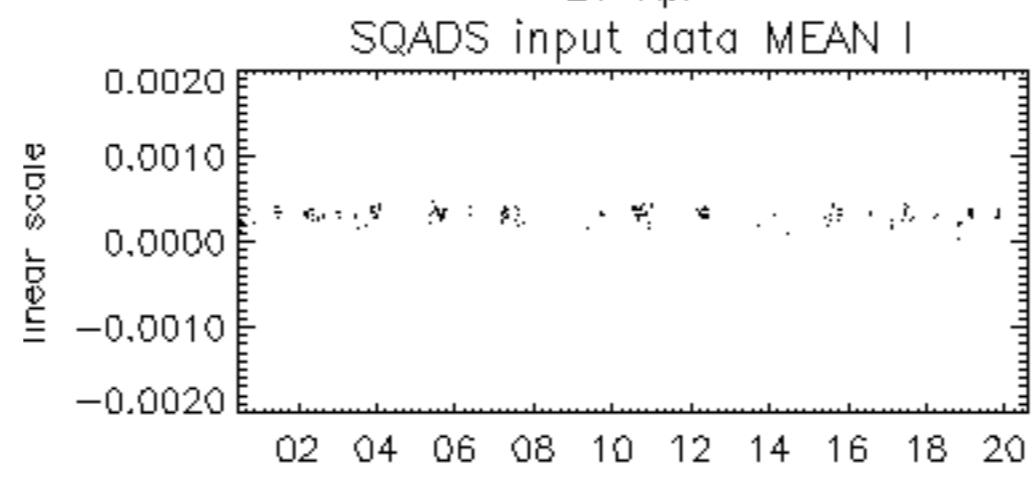




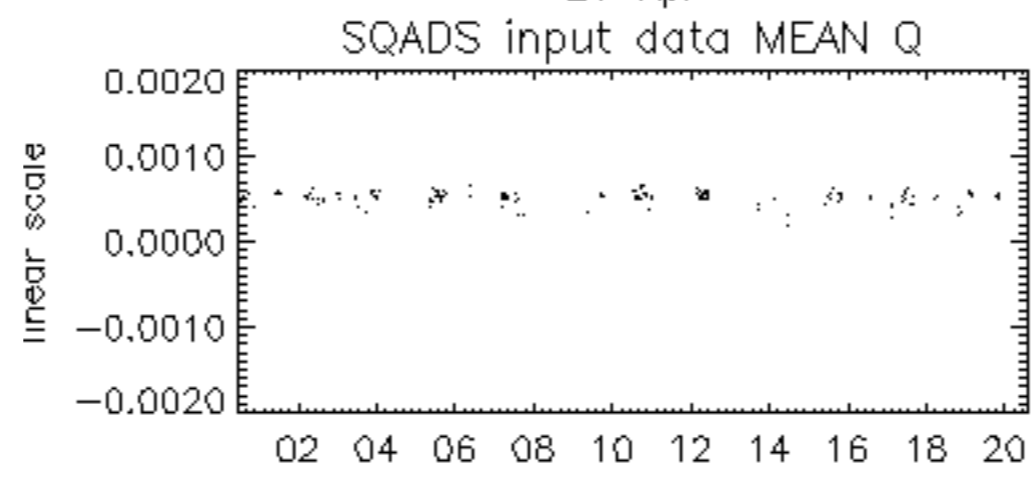




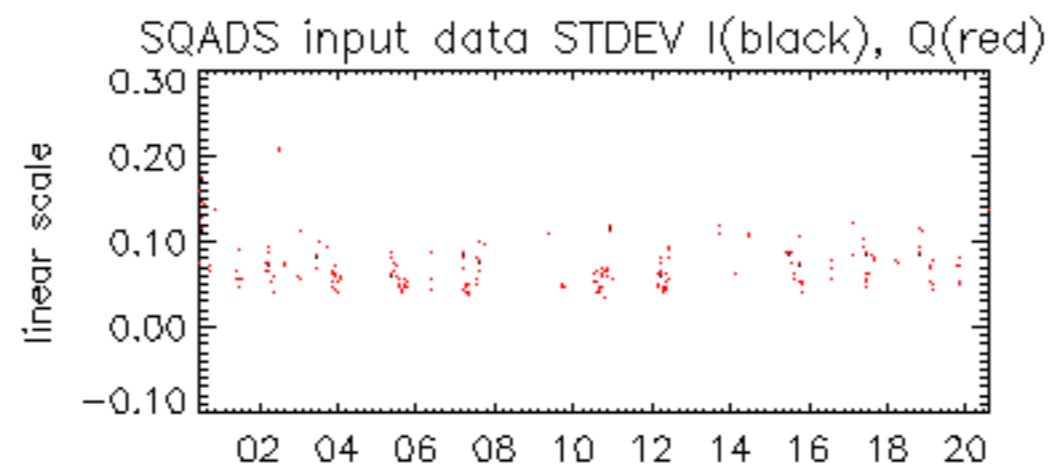
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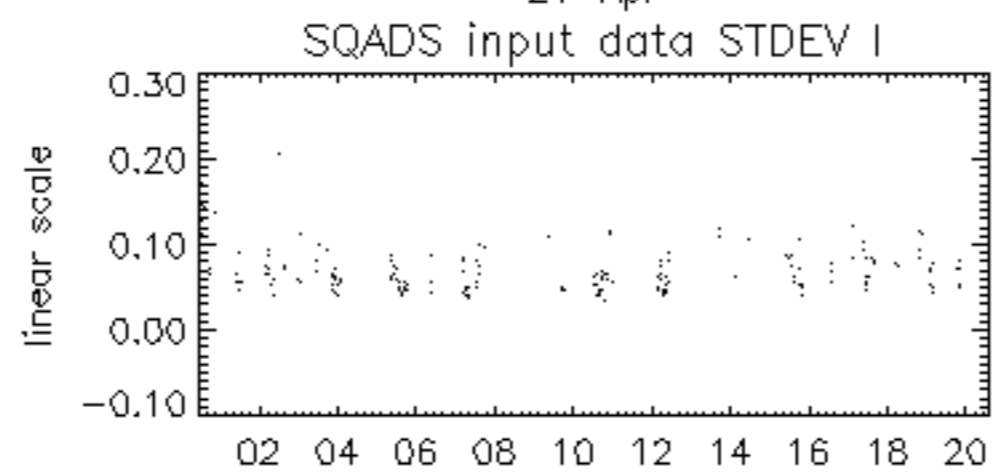
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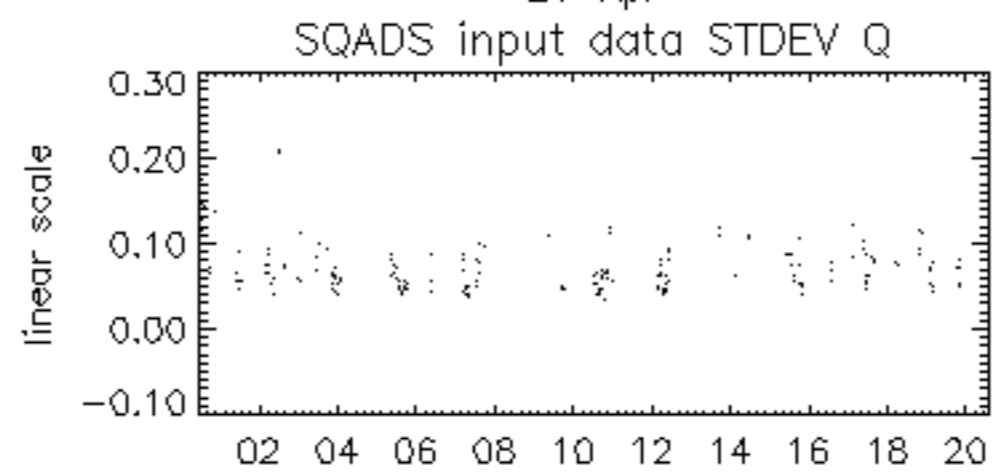
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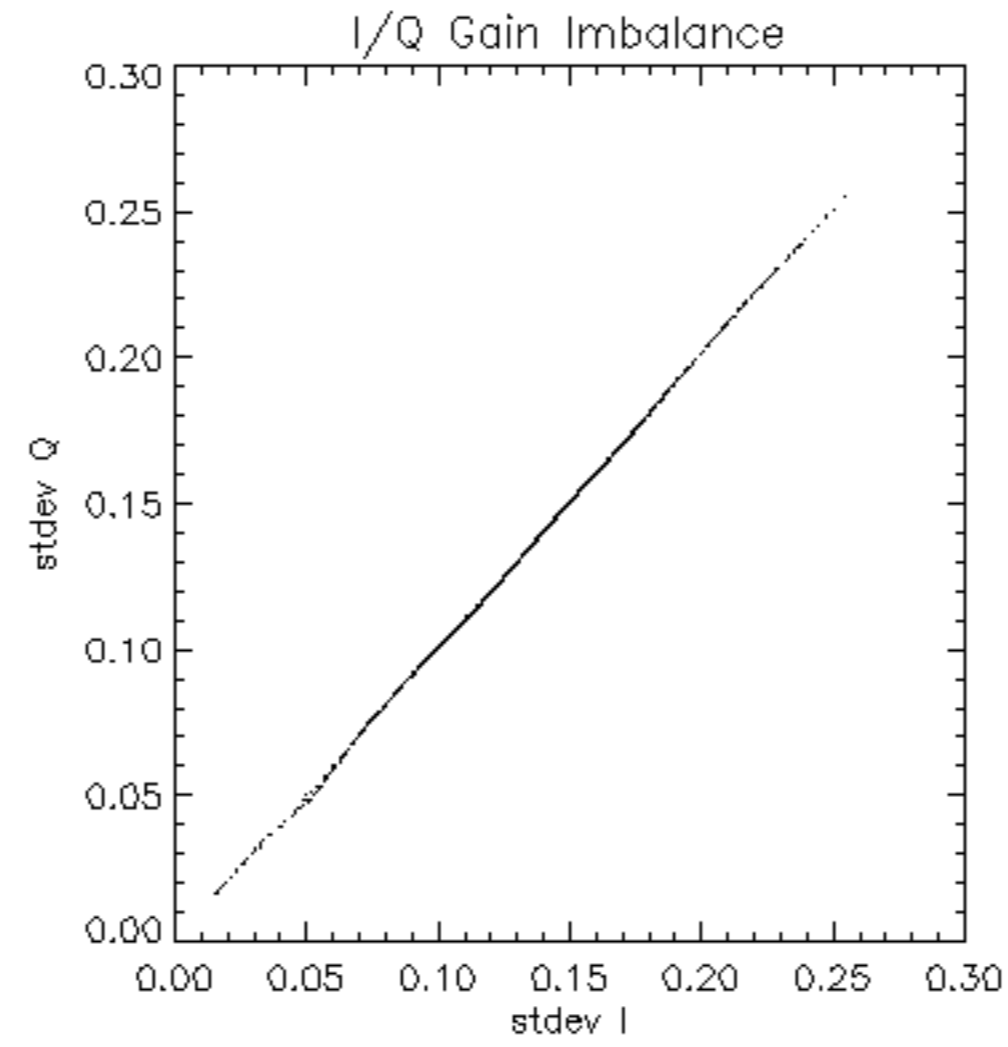
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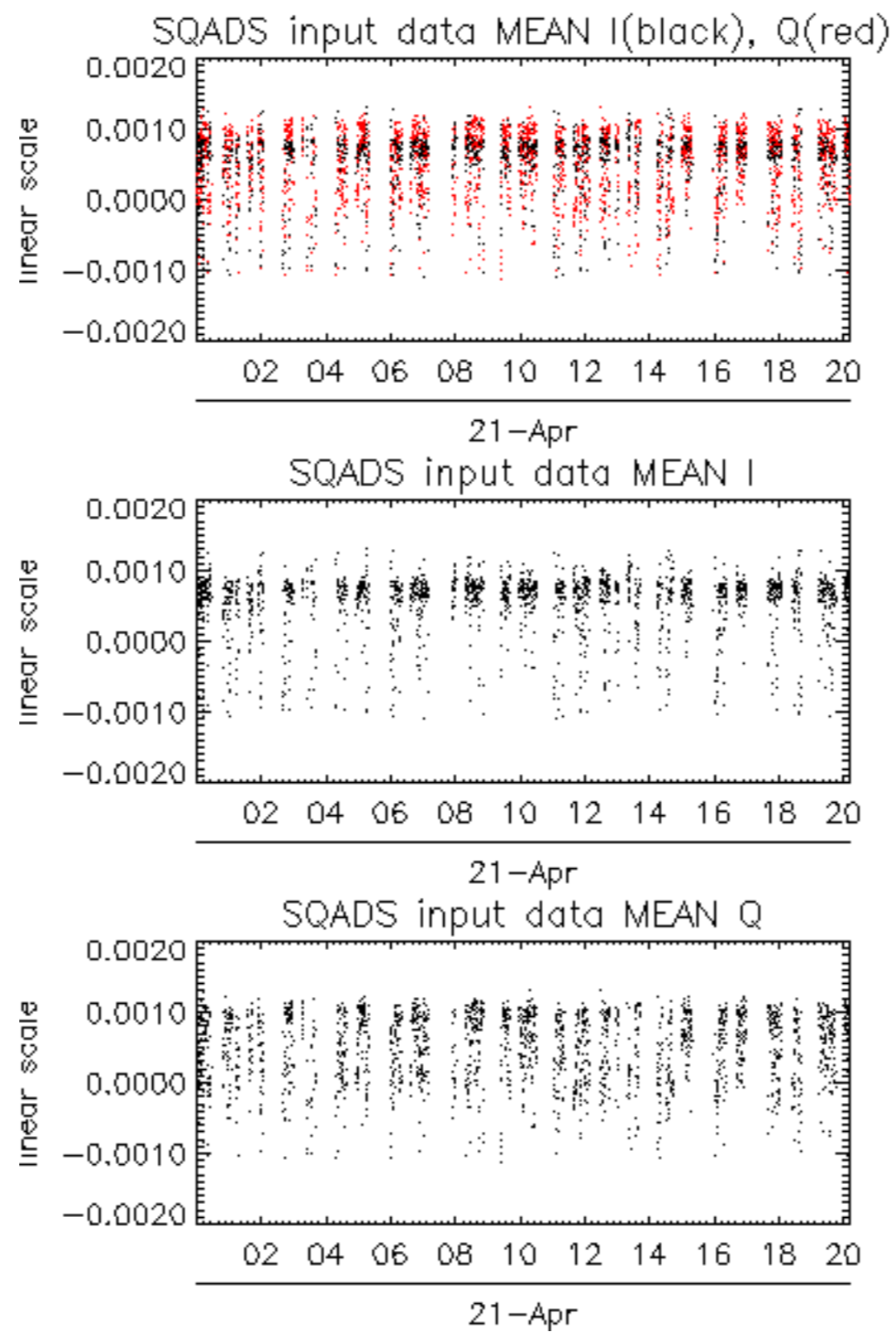


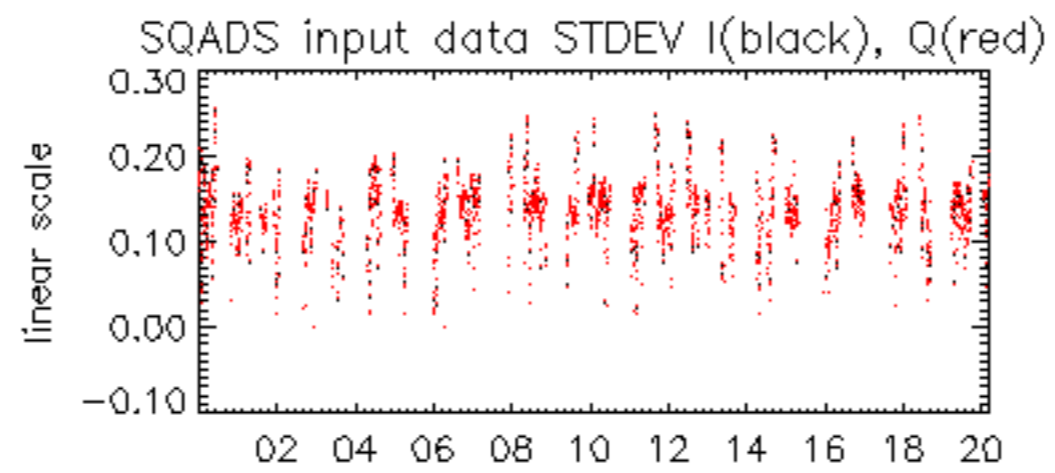
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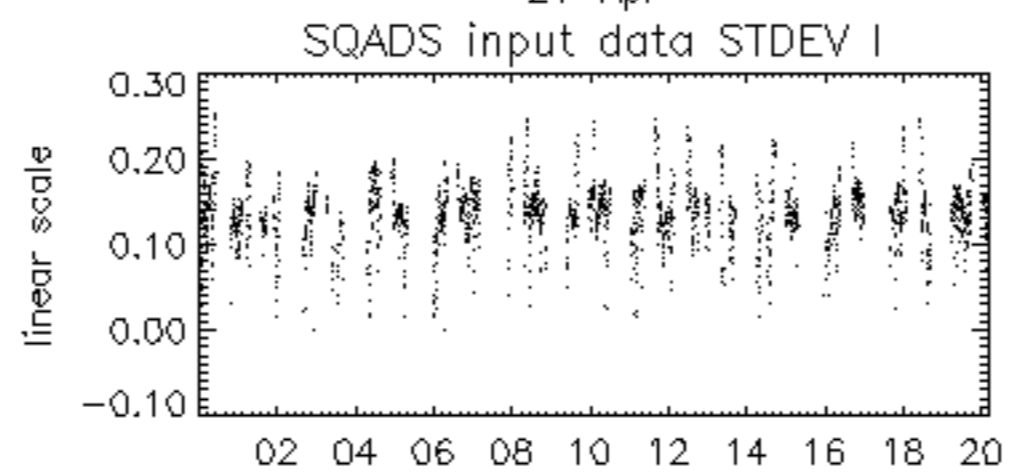
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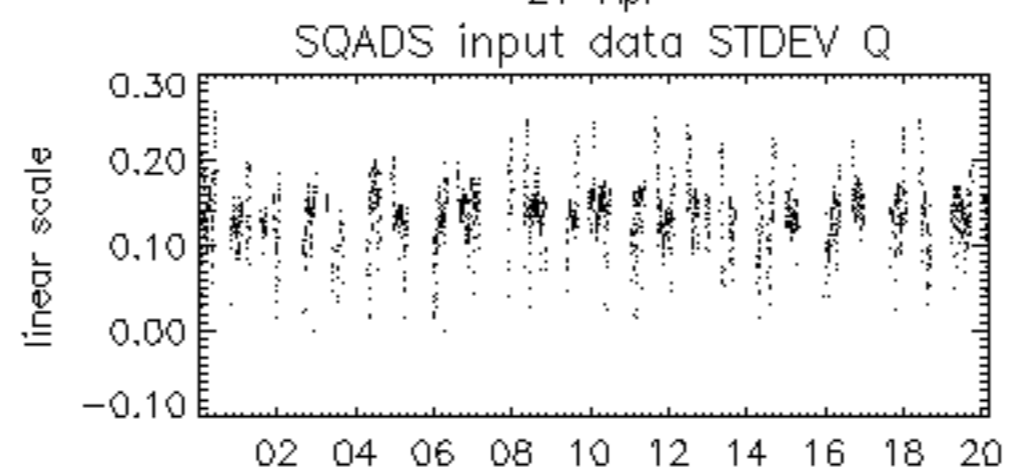




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