



Analysis from 13-MAR-2012 00:00:00 to 13-MAR-2012 23:59:59. Page generated on 14-MAR-2012 06:31:42.
View log file: ASAR_Daily_Report_20120314_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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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	3	PDE	WS	H/H	34	PDE	IS1	H/H	1	PDE	IS2	V/V	1	PDE	WS	H/H	37	PDK	2012-03-13 09:06:30	H	320
PDE	IS2	V/V	30	PDK	WS	H/H	42	PDE	IS1	V/H	2	PDE	IS5	H/H	1	PDE	WS	V/V	5	PDK	2012-03-13 10:46:44	V	320
PDK	IS2	V/V	27					PDE	IS2	H/H	1	PDE	IS5	V/V	2	PDK	WS	H/H	14				
								PDE	IS2	H/V	1	PDE	IS6	H/H	3	PDK	WS	V/V	2				
								PDE	IS4	H/H	3	PDE	IS6	V/V	1								
								PDE	IS4	V/H	1	PDE	IS7	V/V	1								
								PDK	IS6	H/H	1	PDK	IS5	H/H	1								
												PDK	IS6	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_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

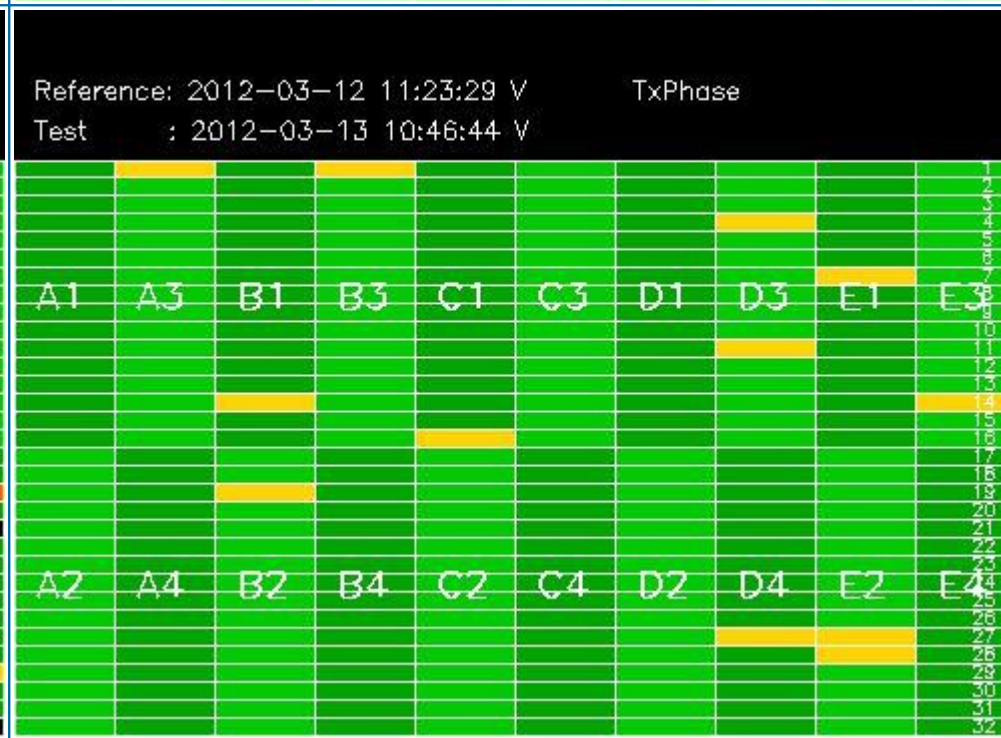
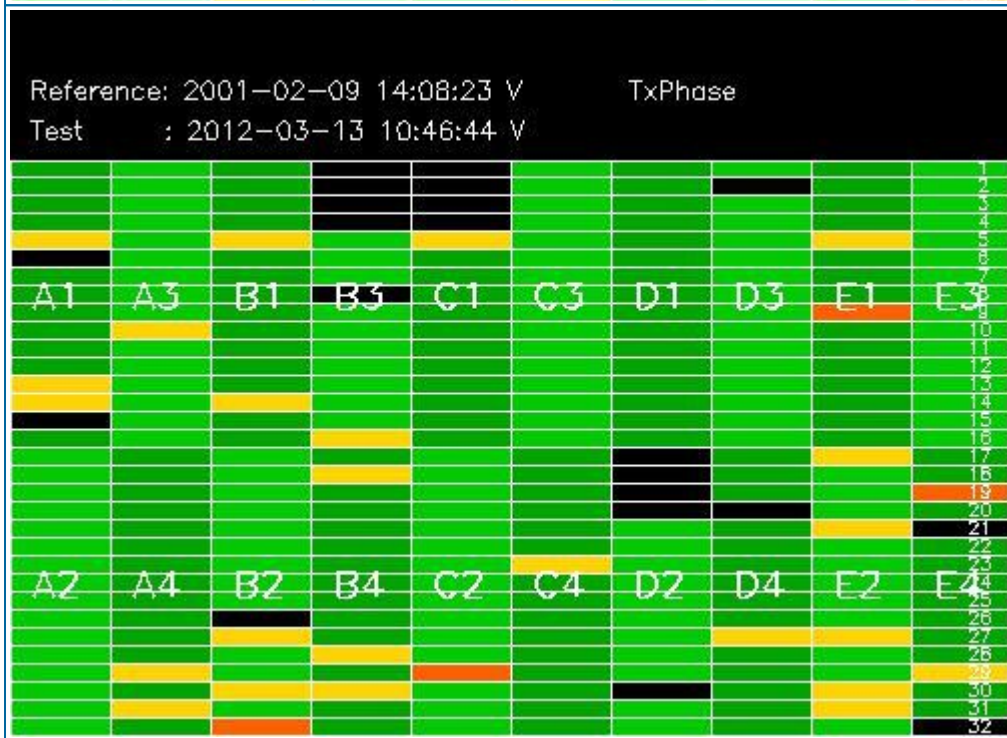
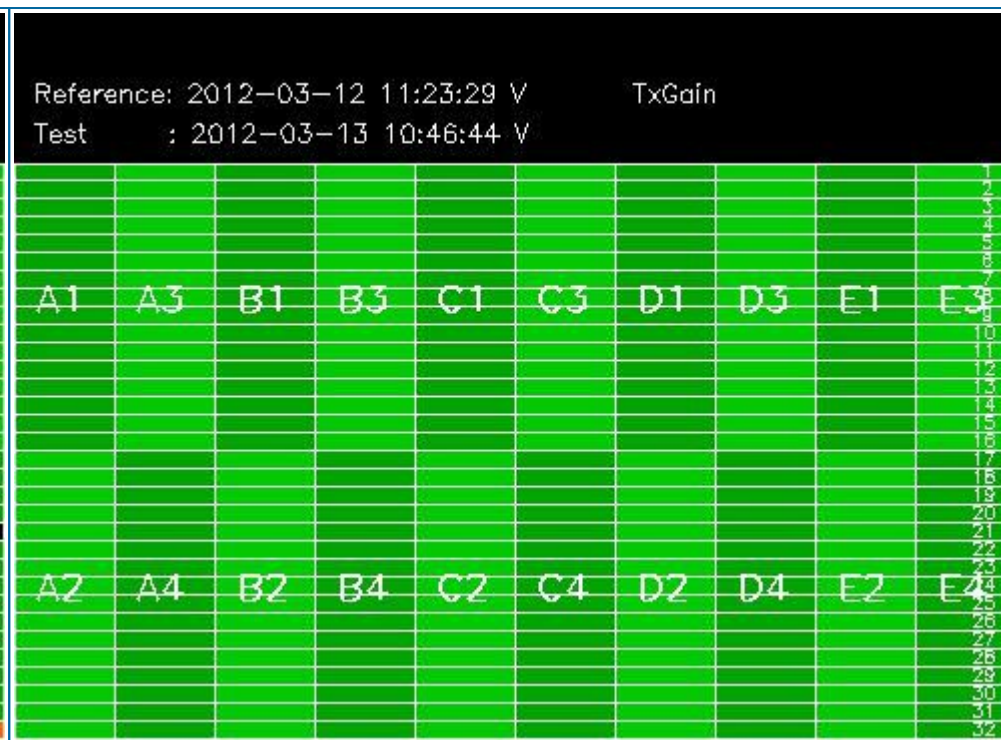
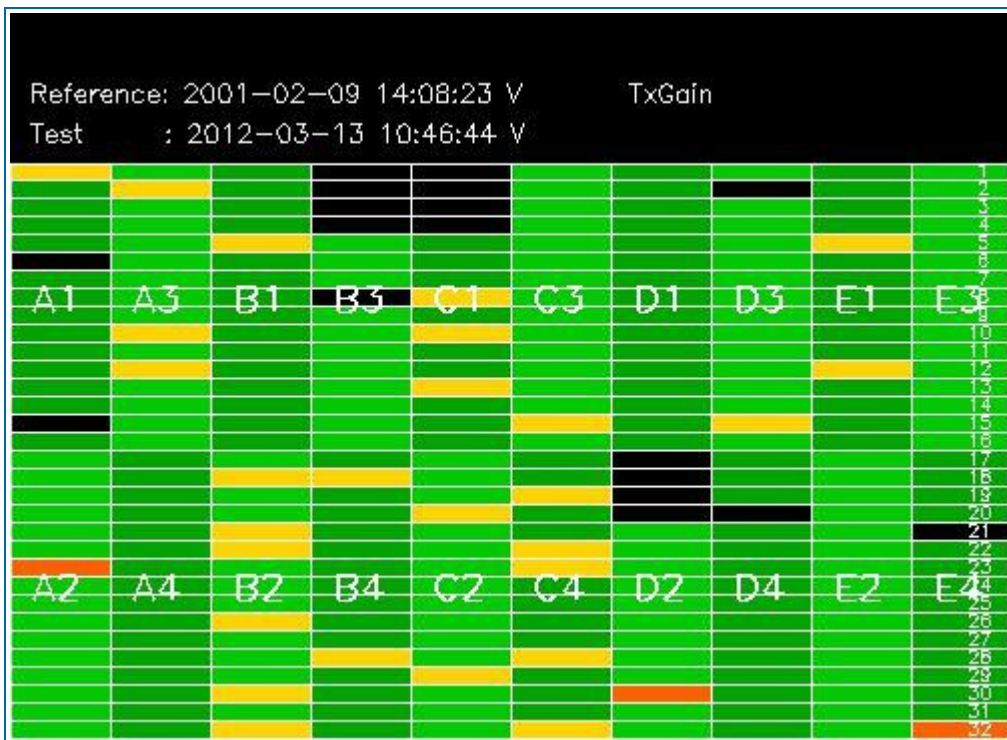
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

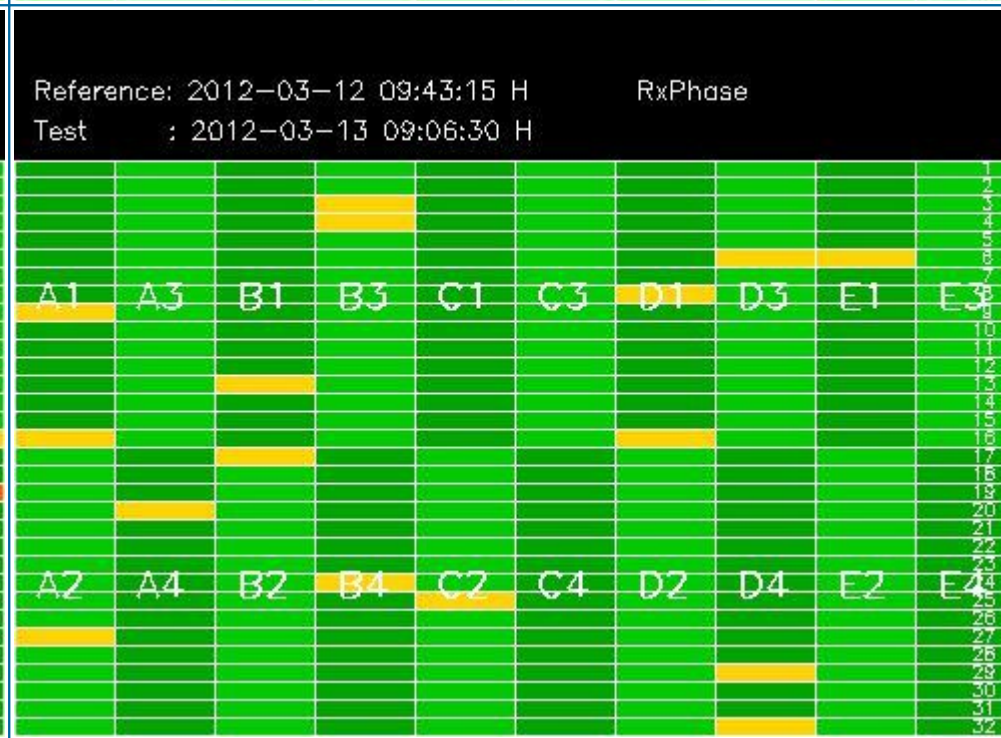
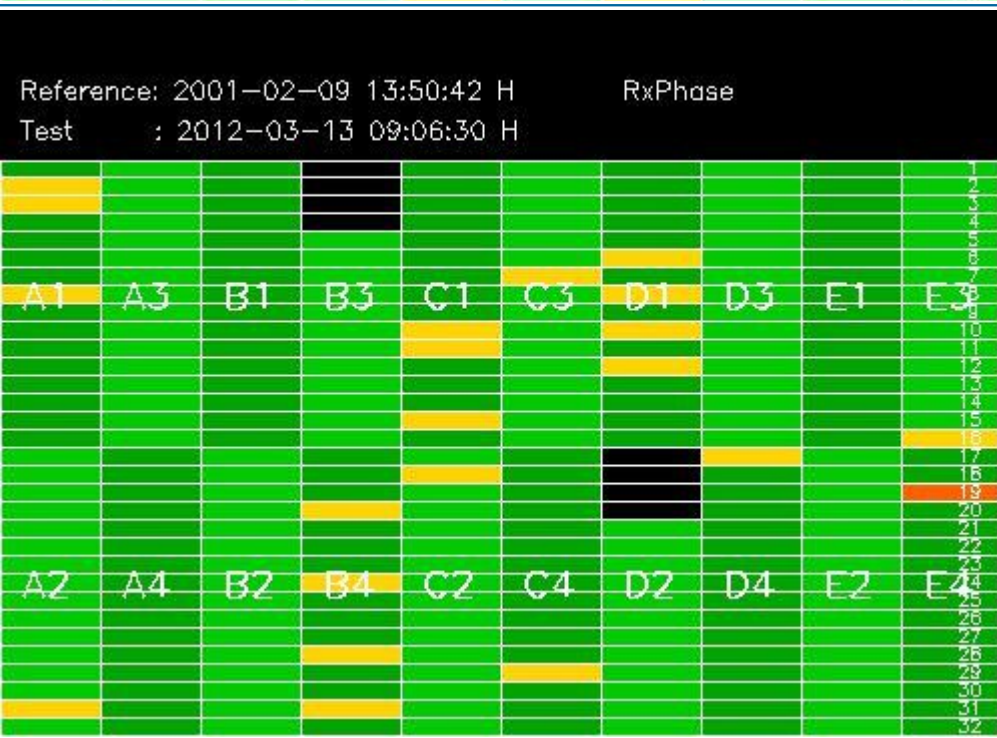
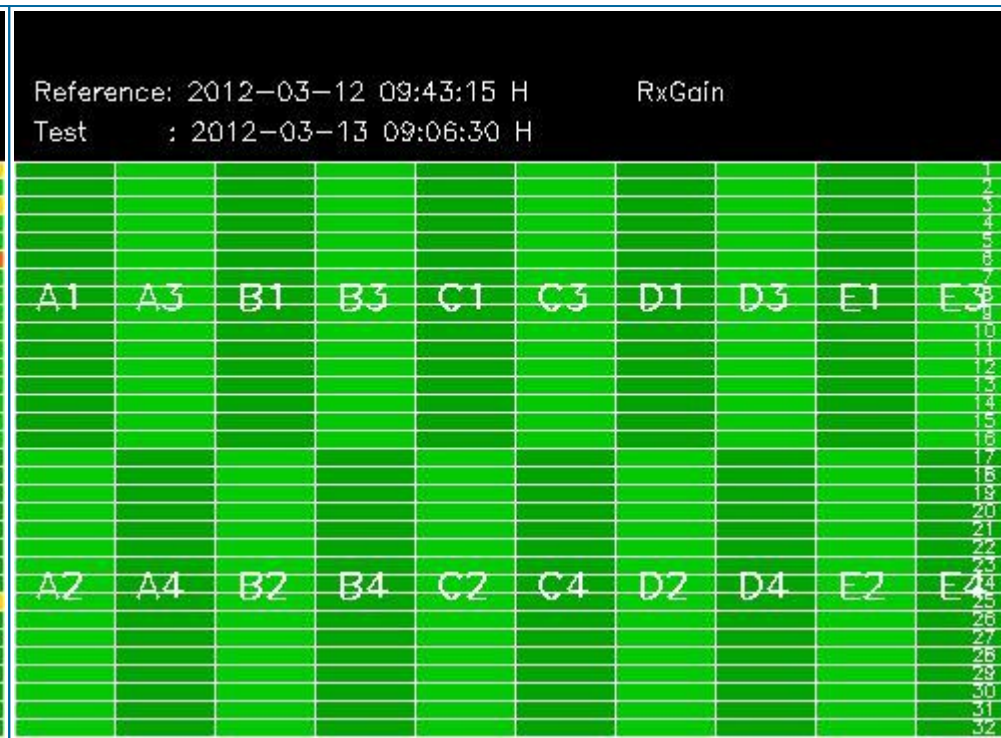
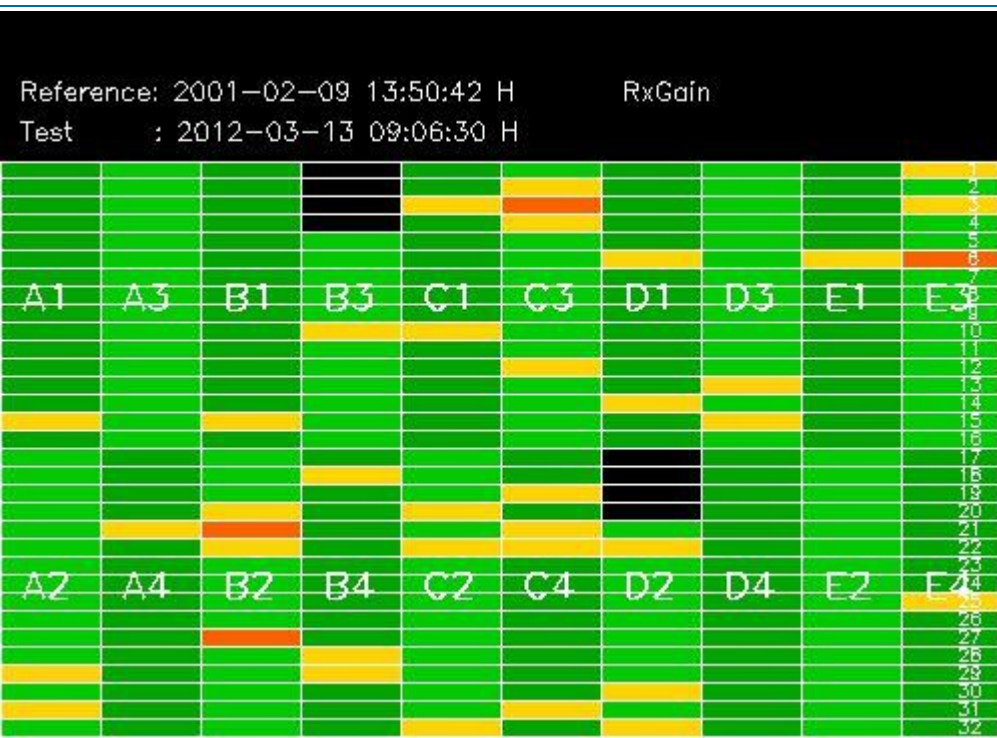
SECOND FIXED REFERENCE										PREVIOUS PRODUCT REFERENCE									
Pre-launch reference (2001-02-09)										Previous product in the same polarisation									
Reference: 2001-02-09 14:08:23 V Test : 2012-03-13 10:46:44 V										Reference: 2012-03-12 11:23:29 V Test : 2012-03-13 10:46:44 V									
RxGain										RxGain									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4
RxPhase										RxPhase									
Reference: 2001-02-09 14:08:23 V Test : 2012-03-13 10:46:44 V										Reference: 2012-03-12 11:23:29 V Test : 2012-03-13 10:46:44 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4

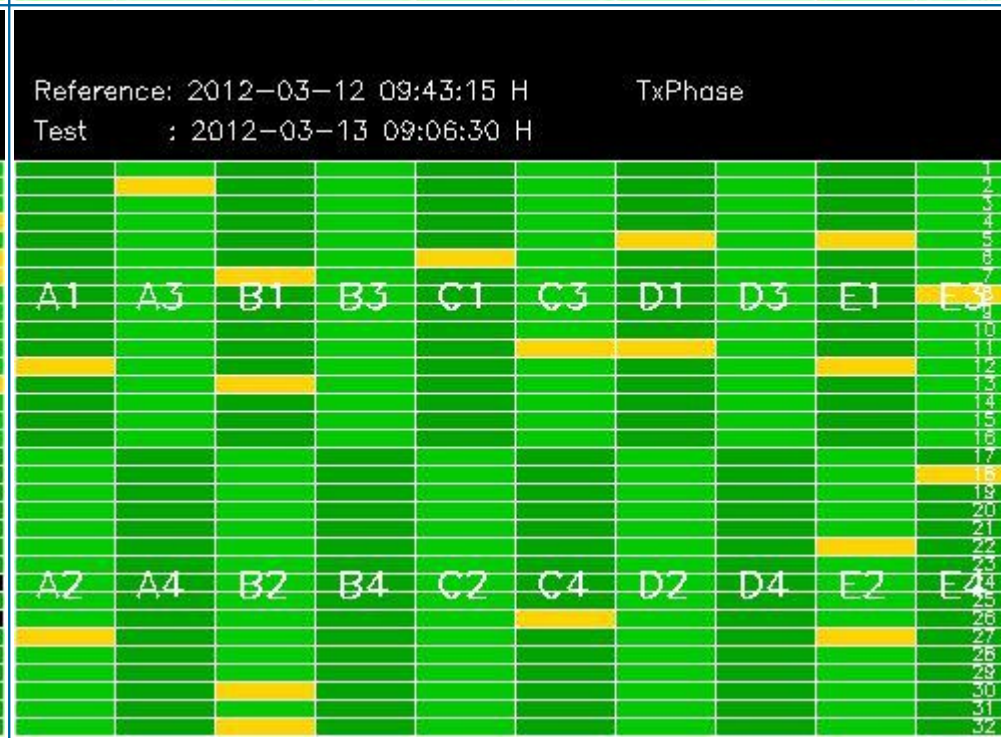
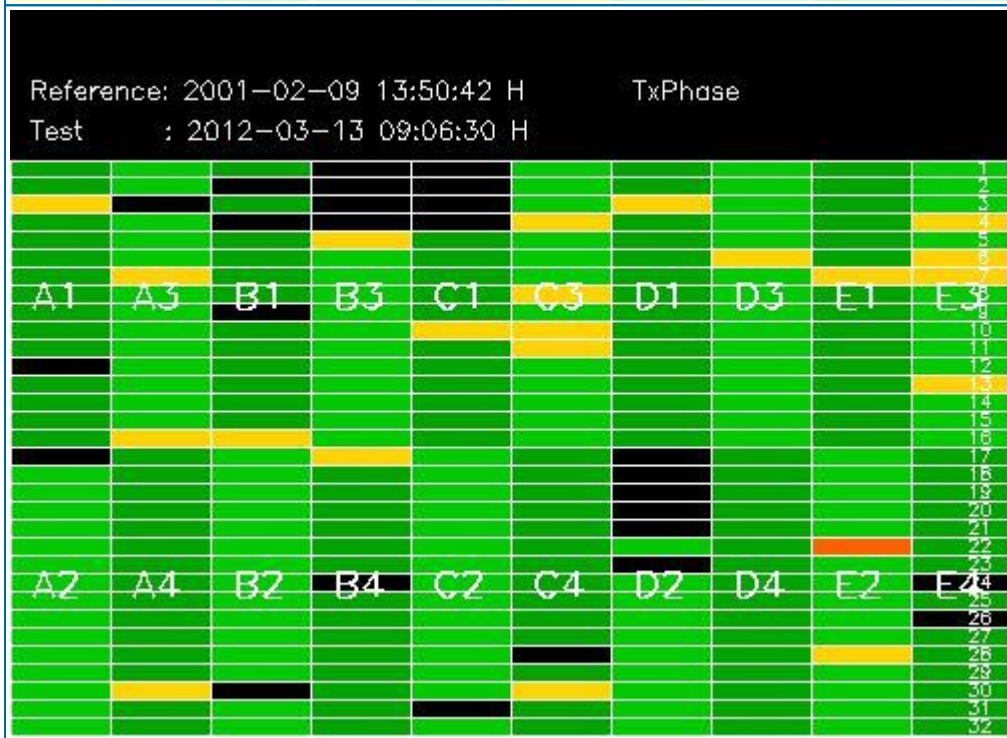
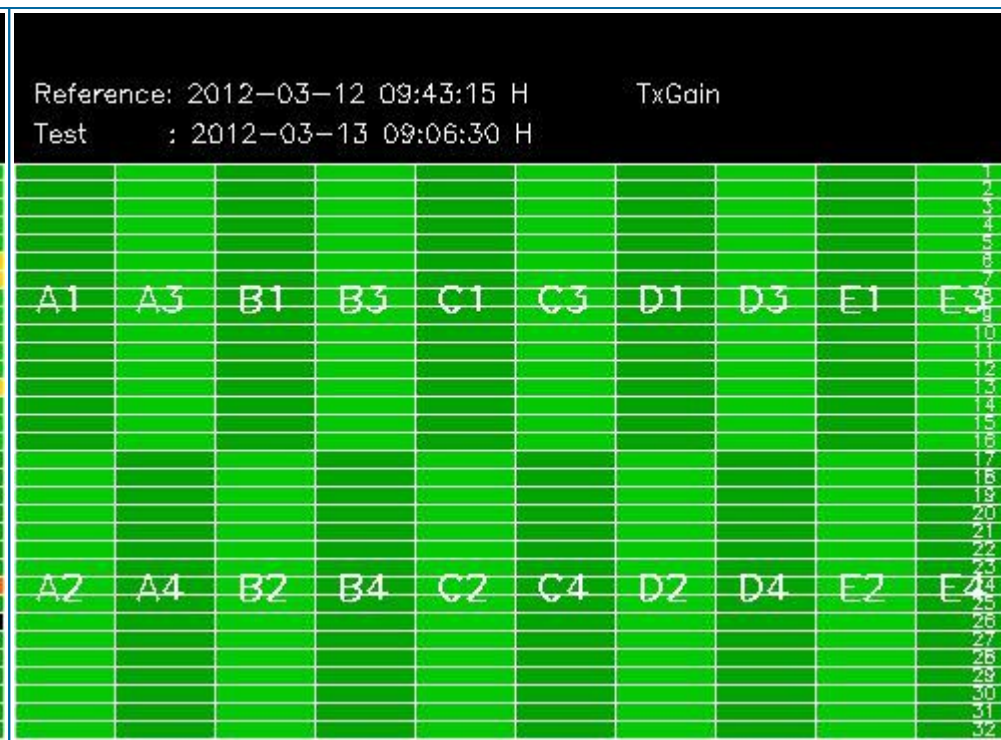
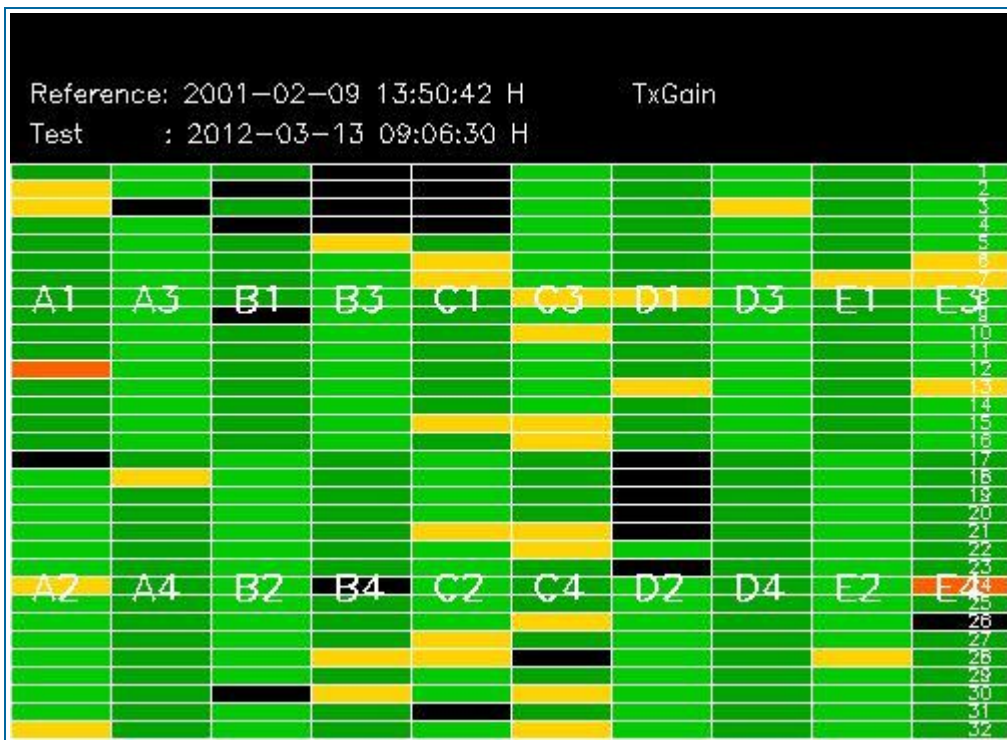


3.2 - H/H polarisation

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

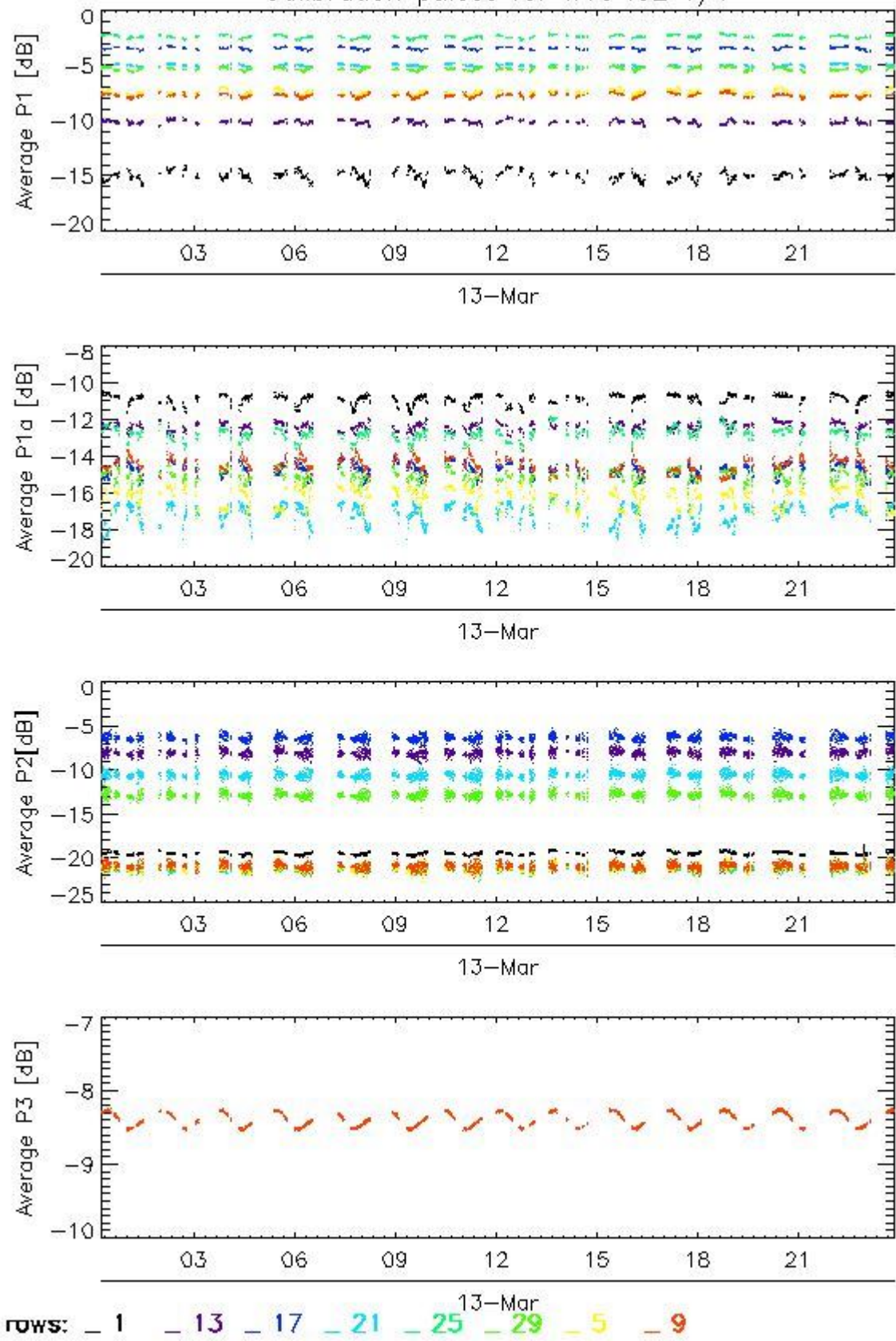
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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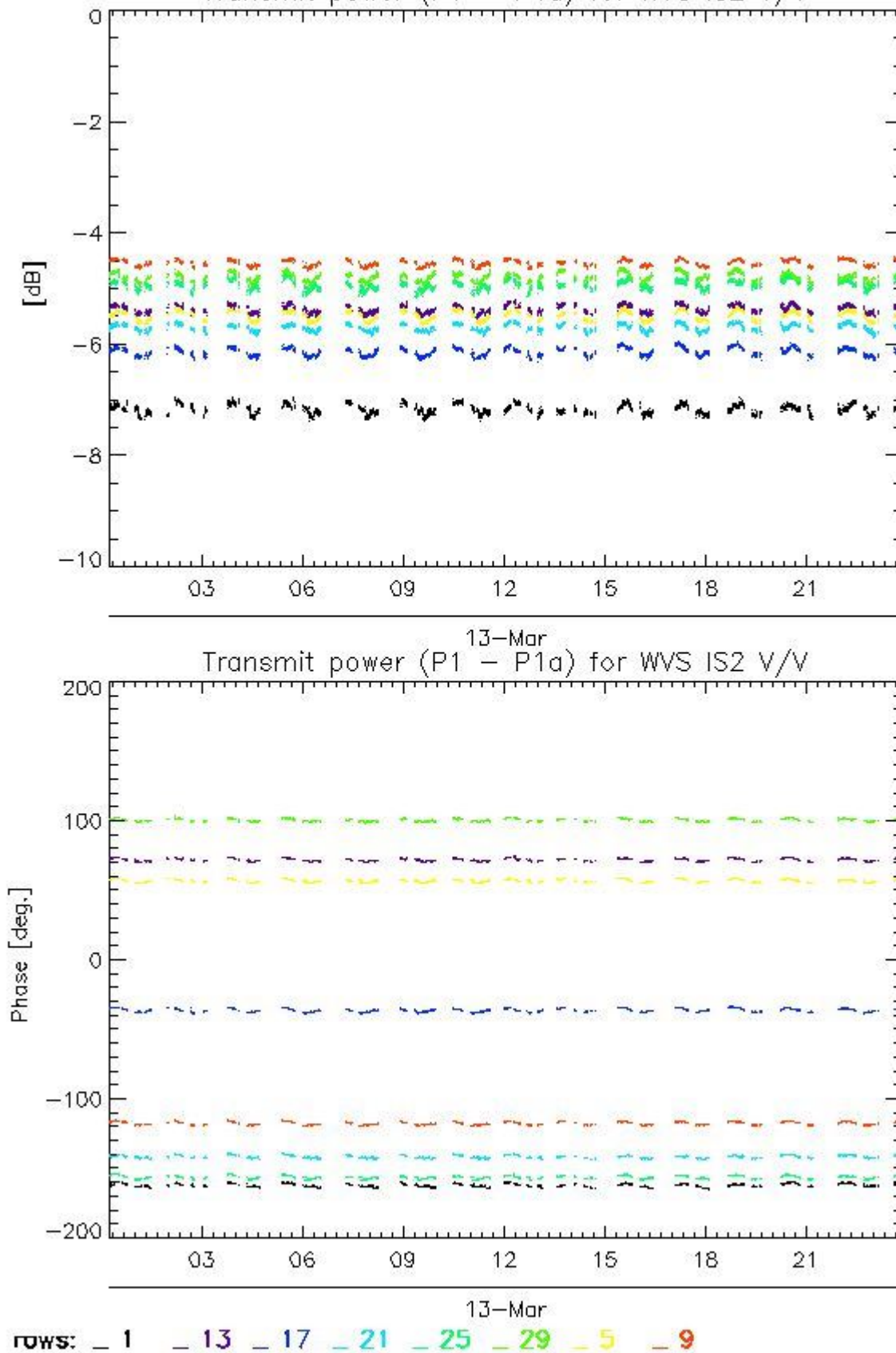
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



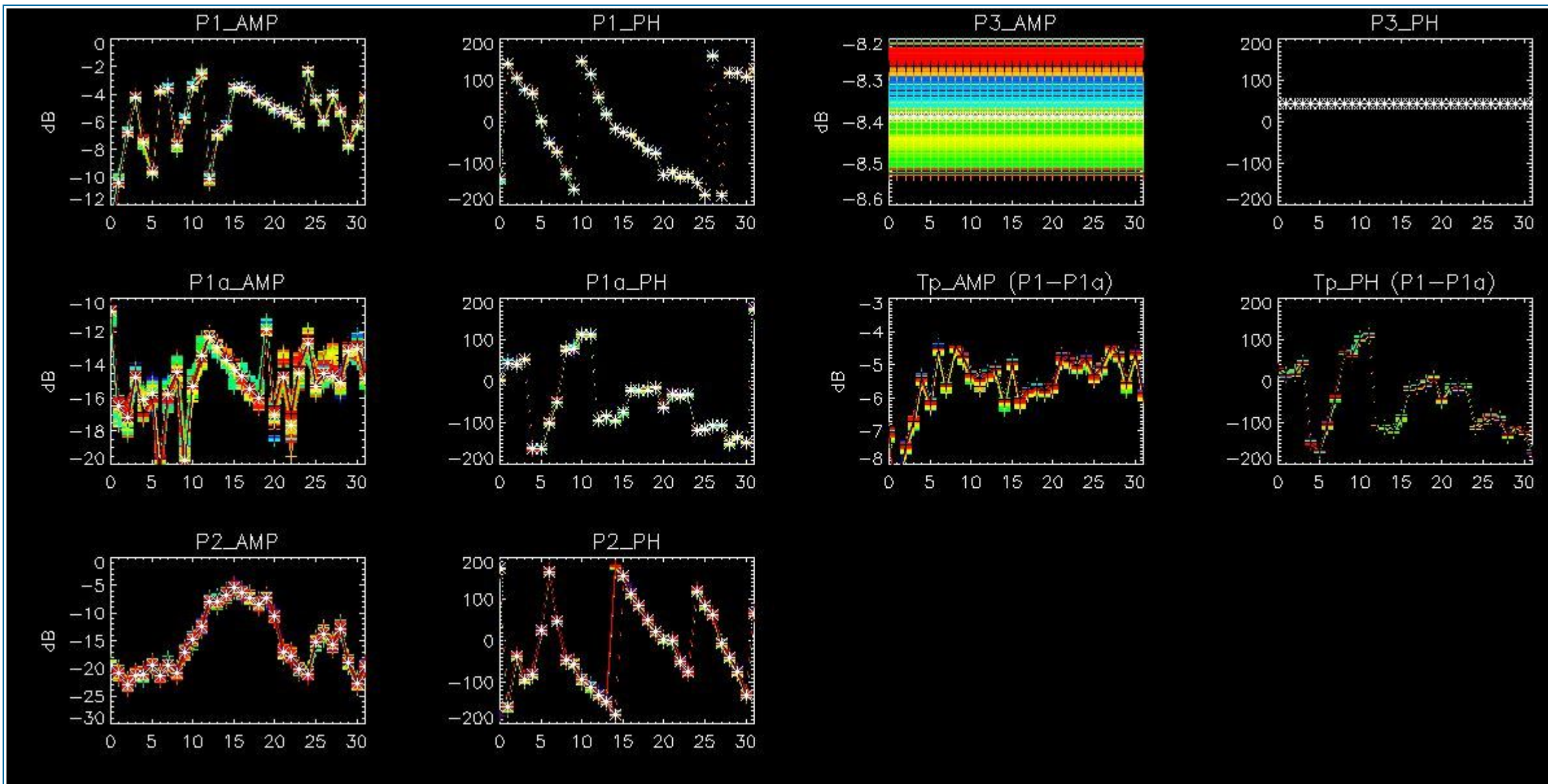
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

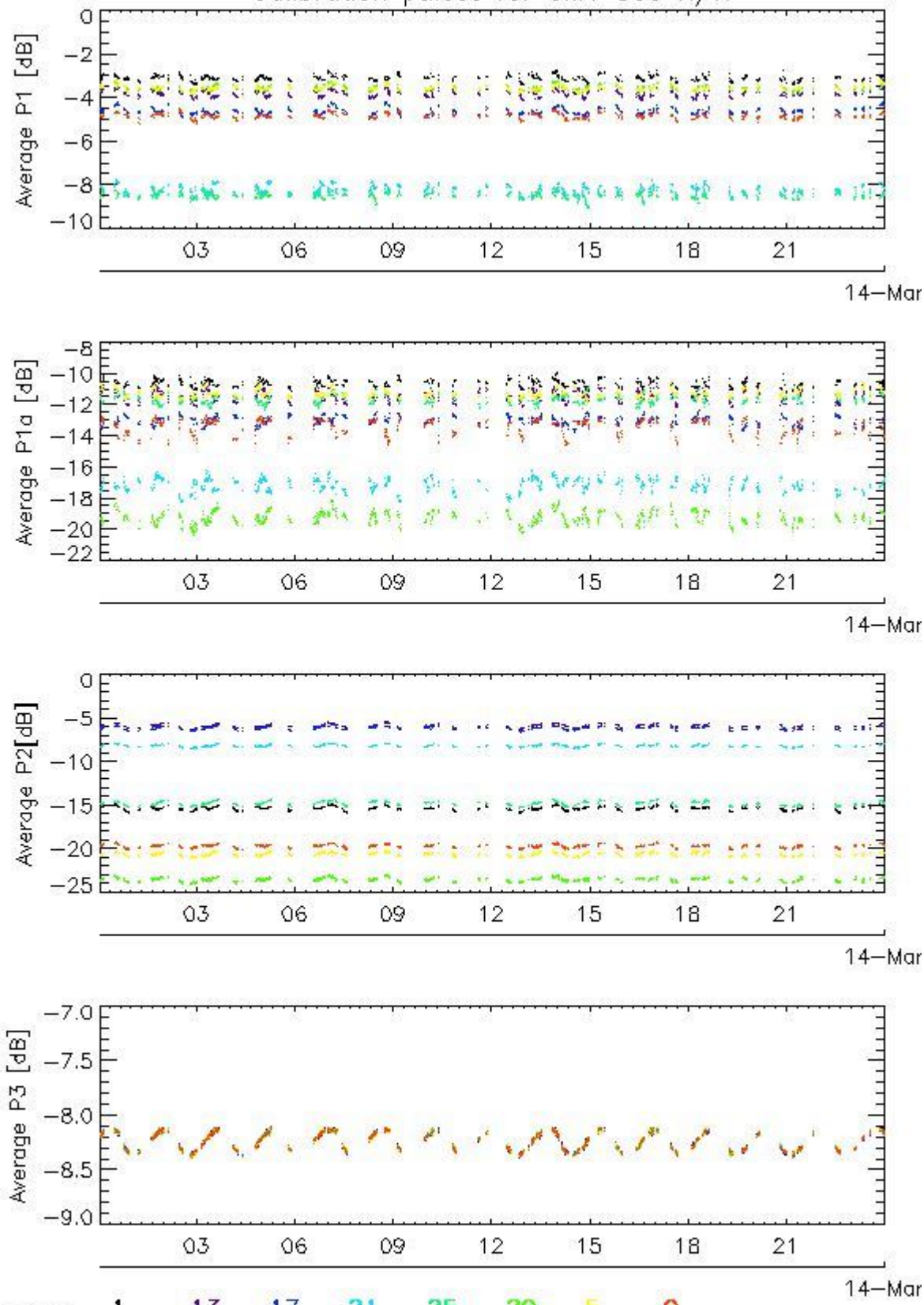
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

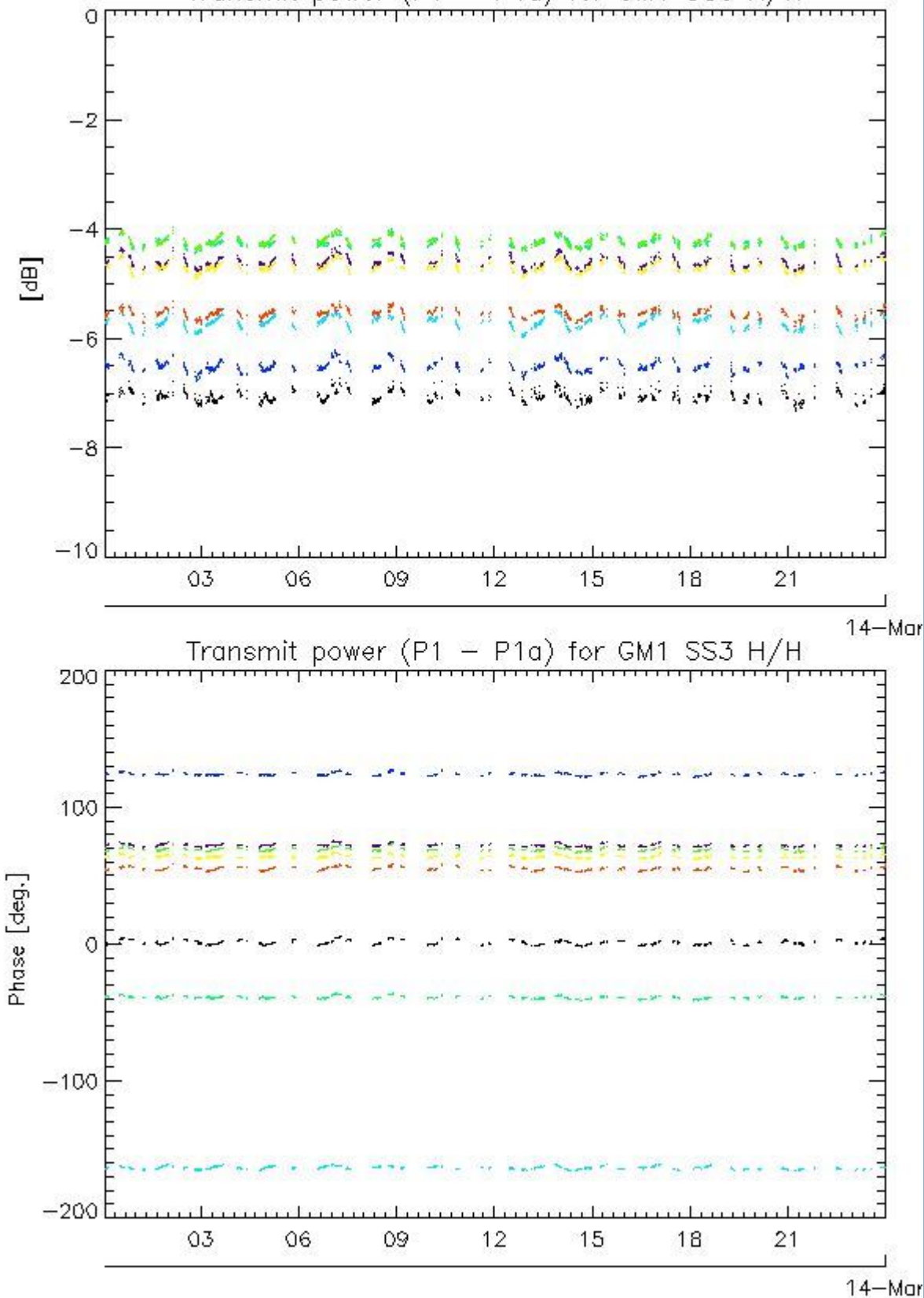
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



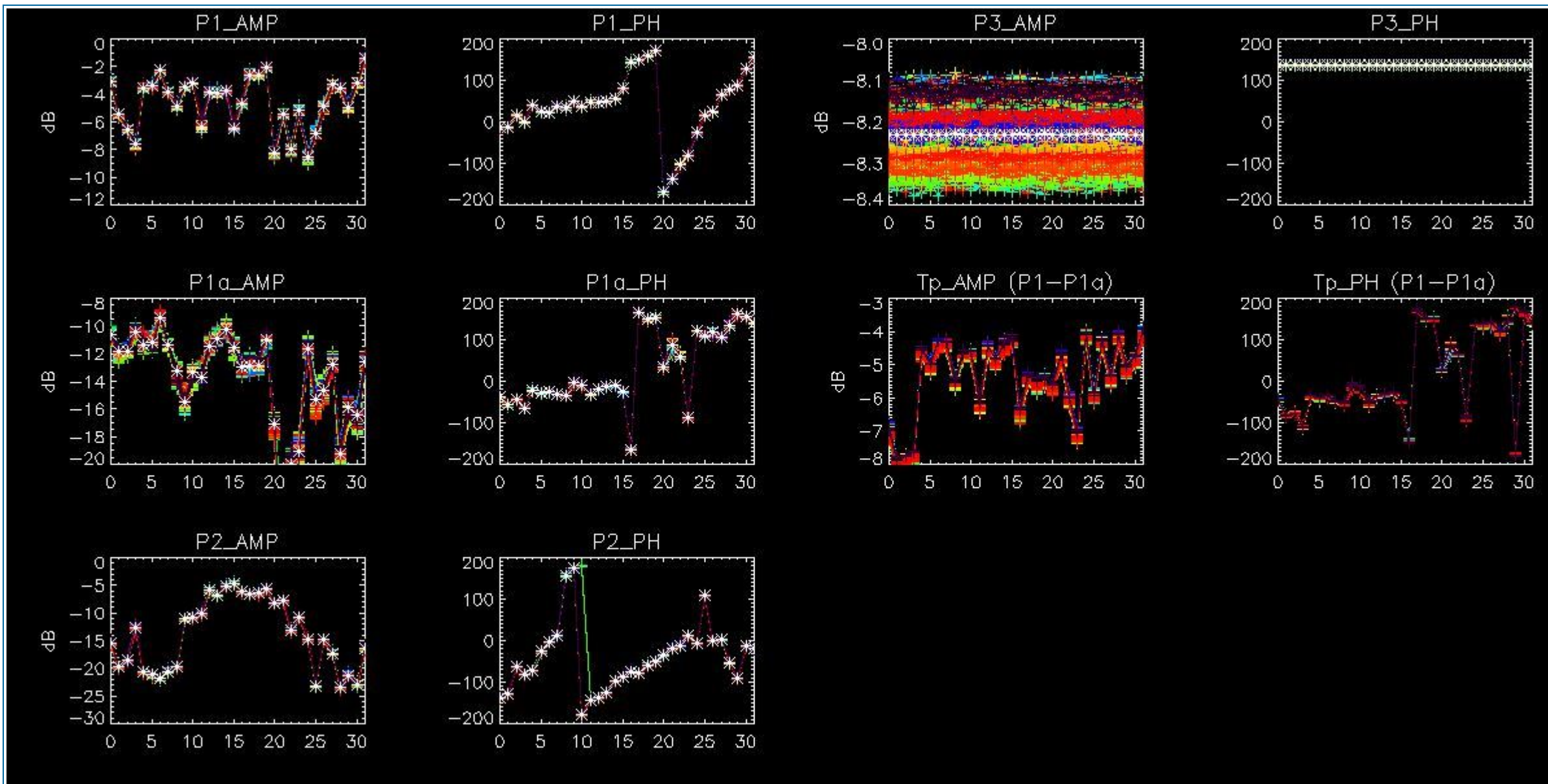
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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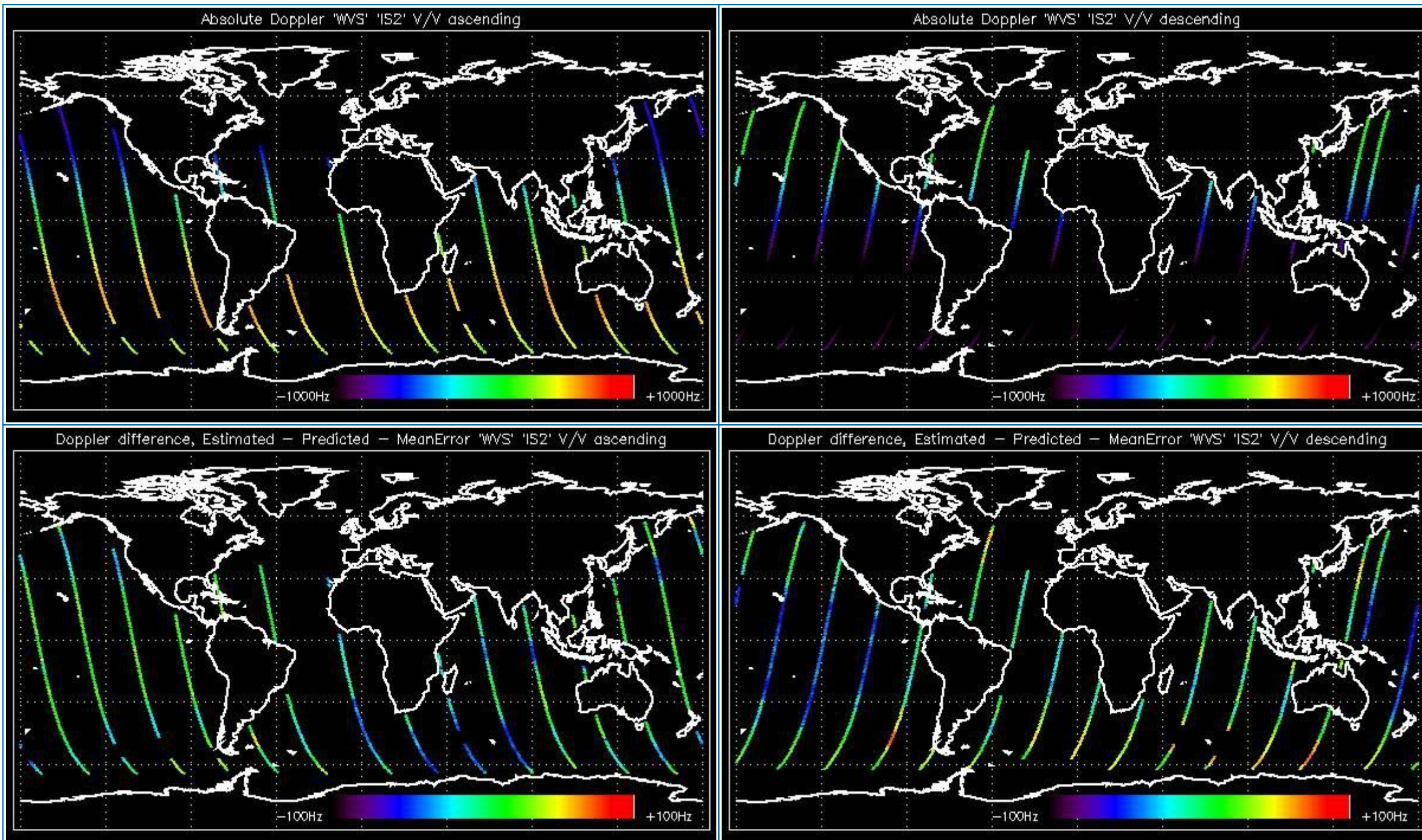
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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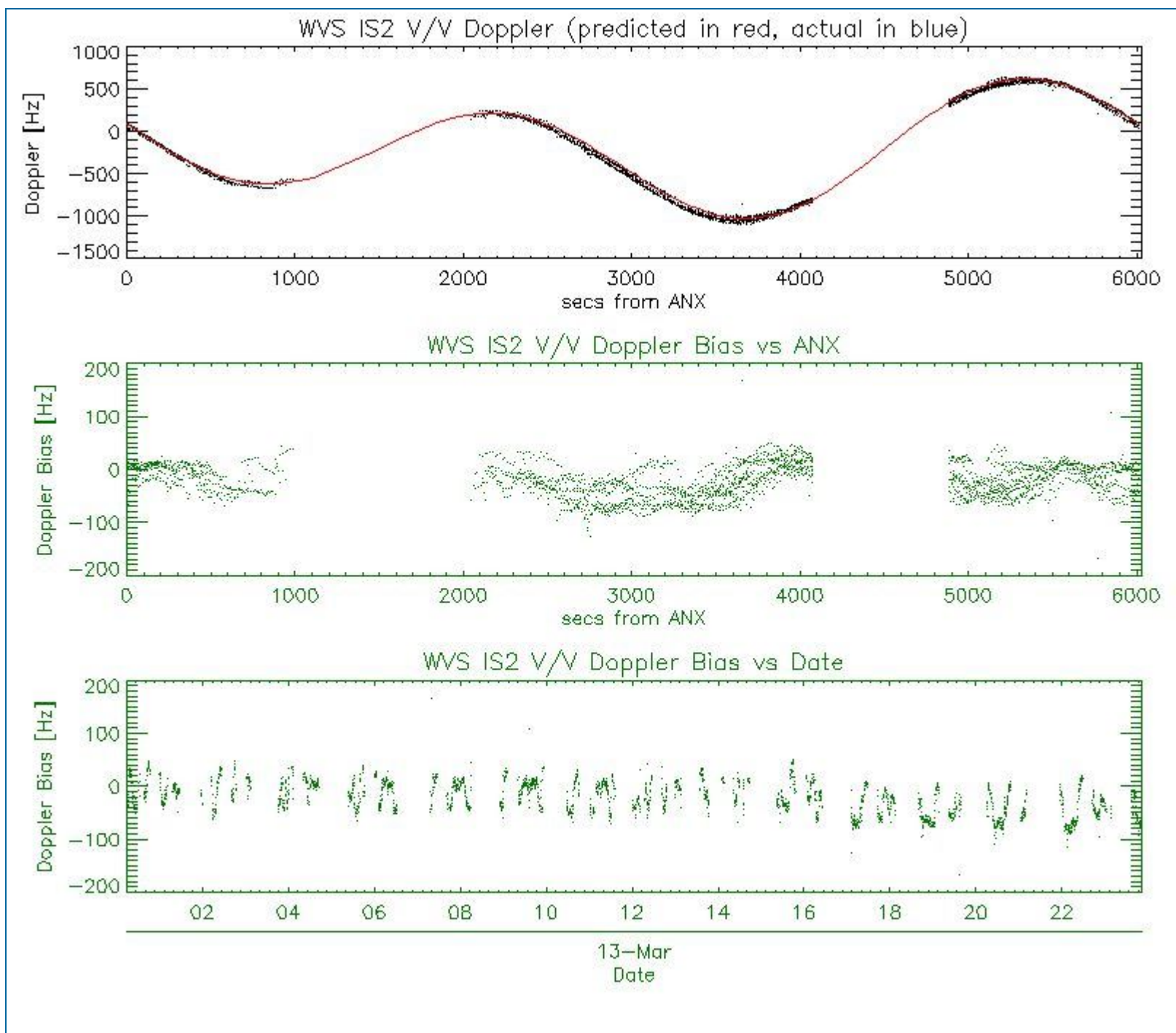




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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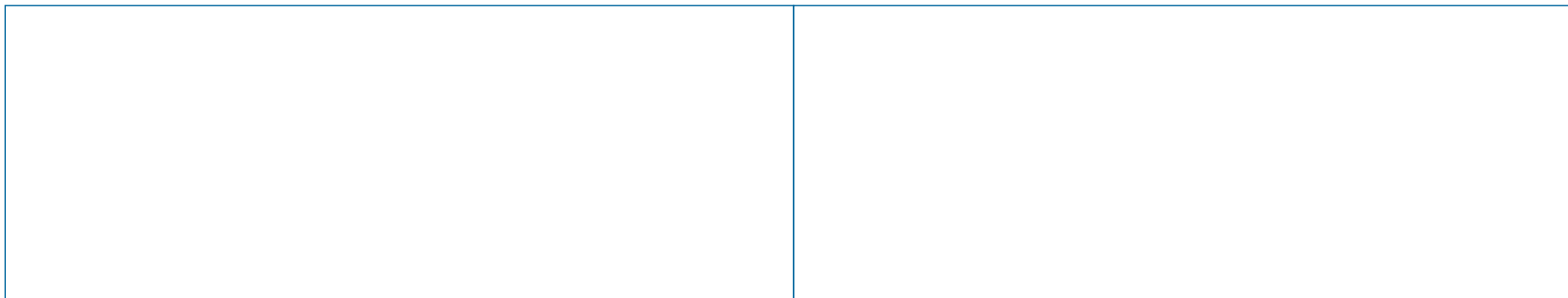


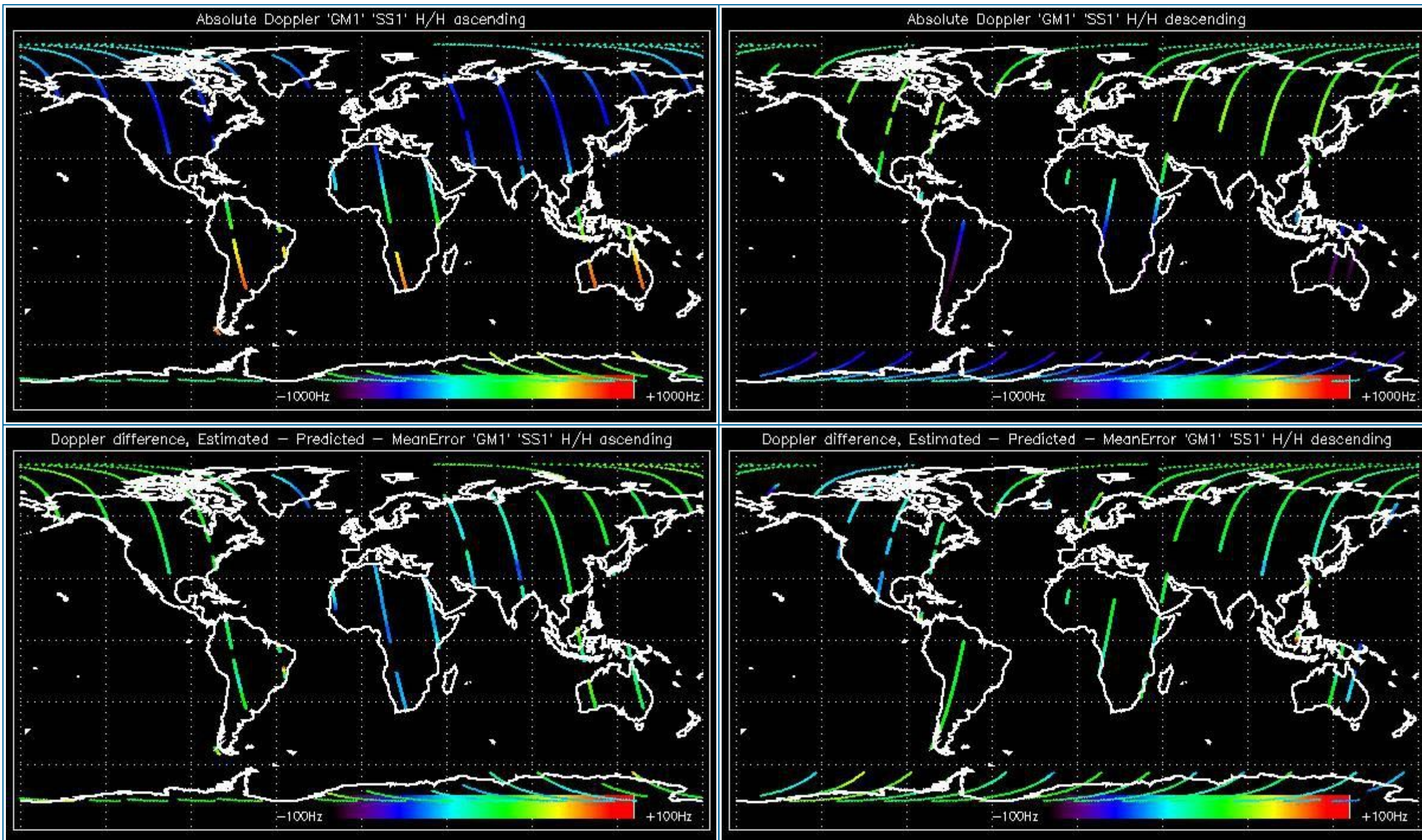


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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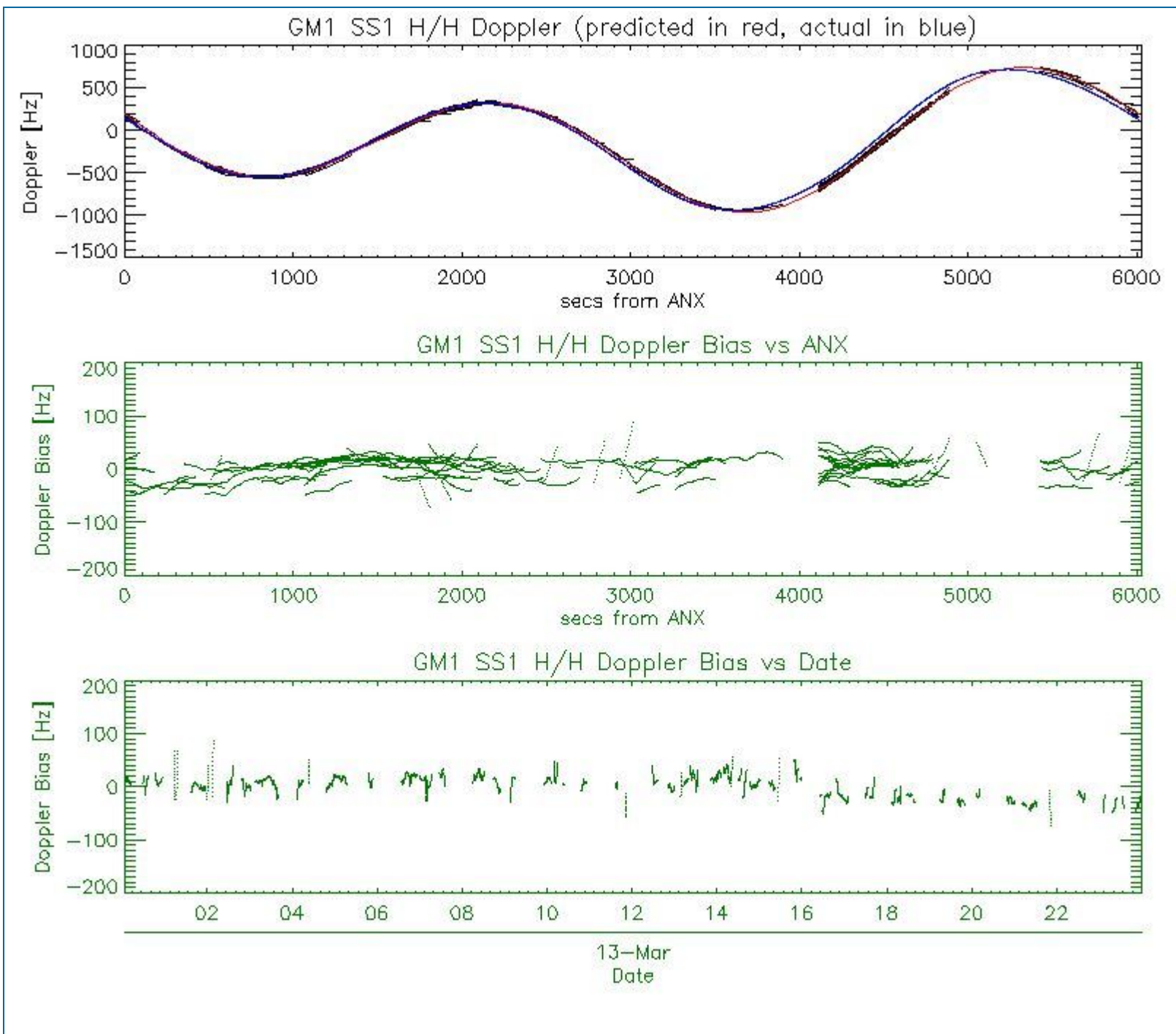




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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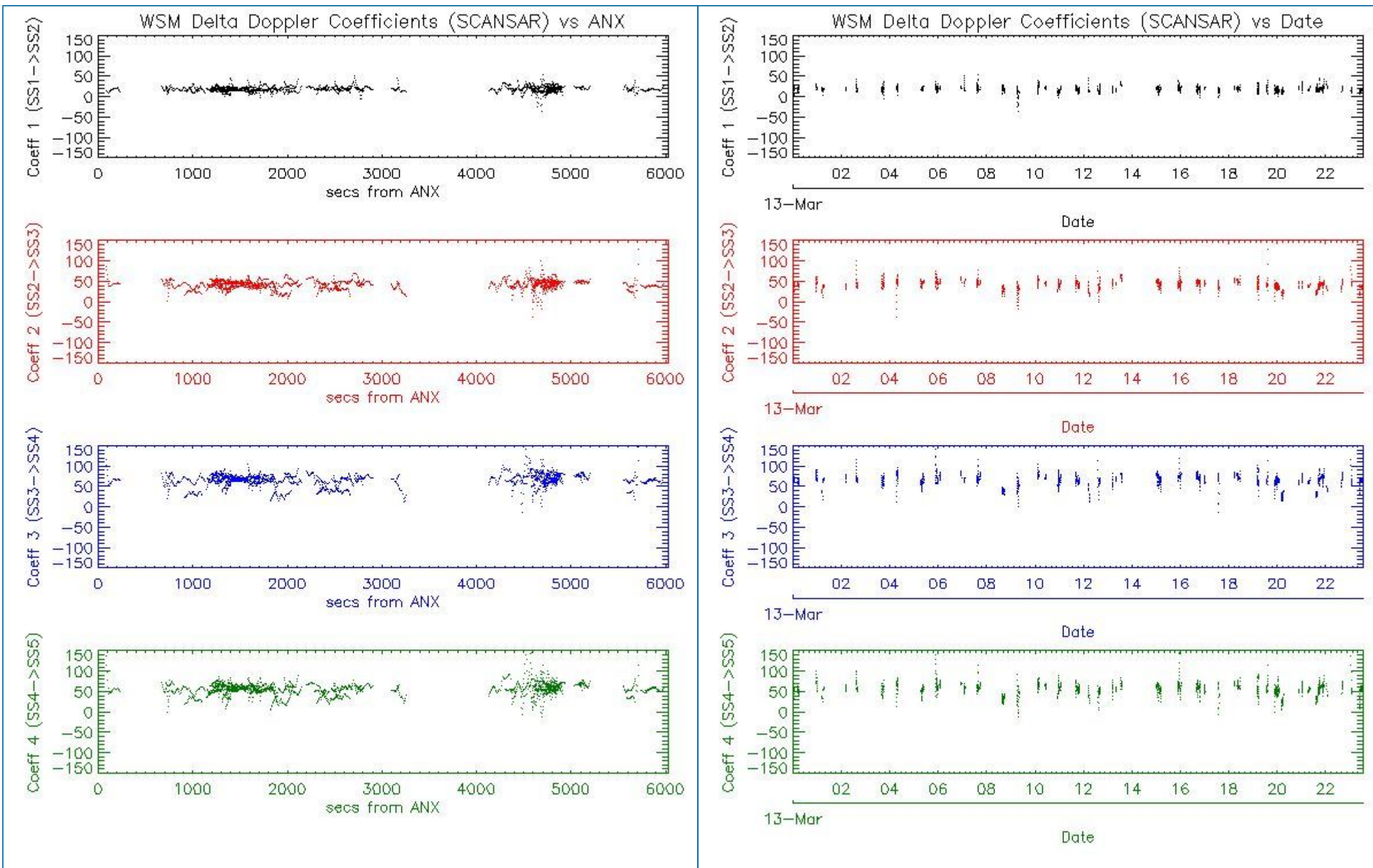




5.3 - Doppler JUMPS Analysis for WSM

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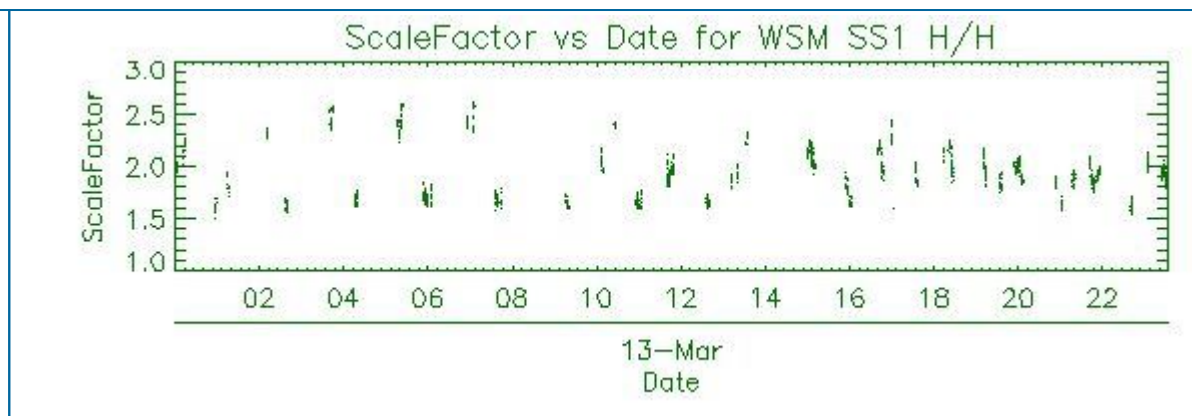
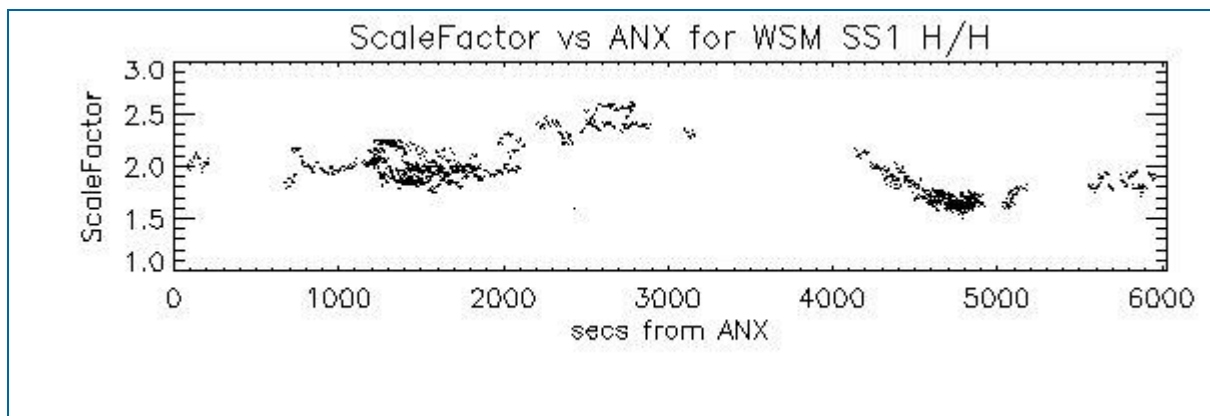
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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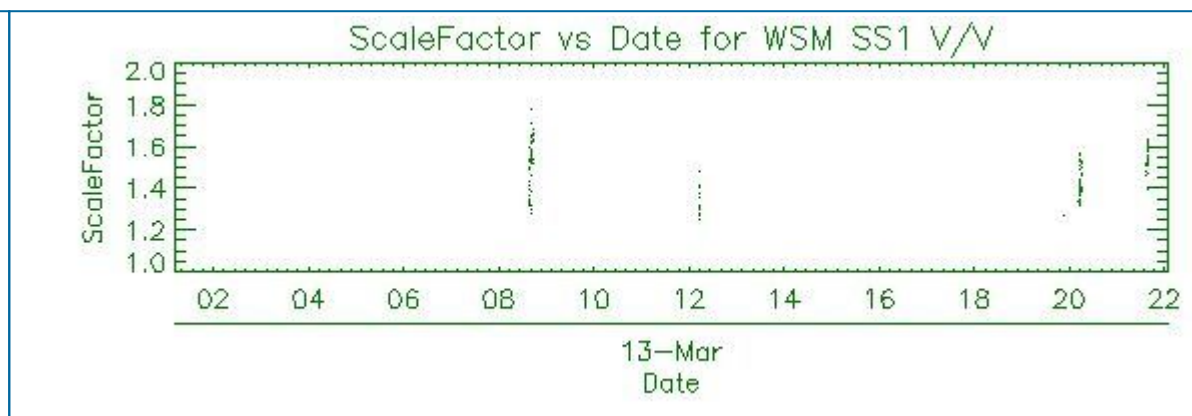
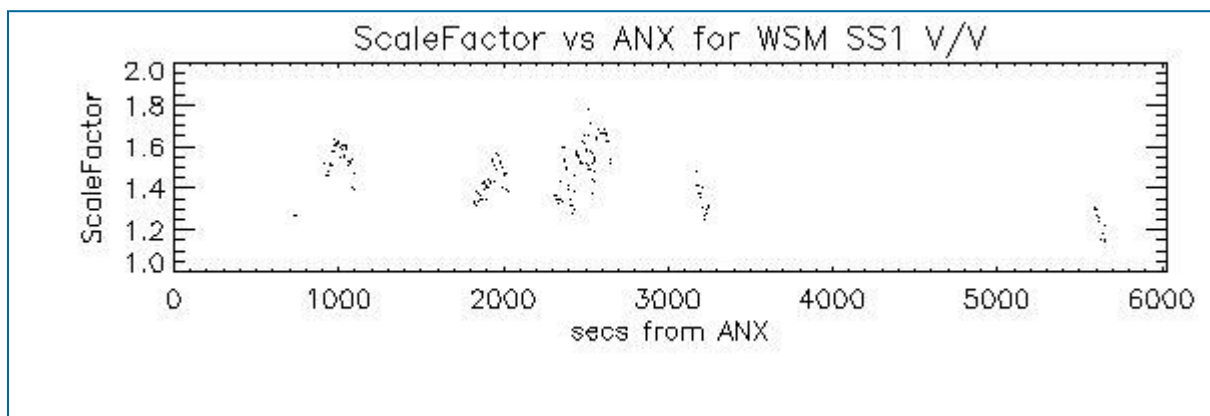




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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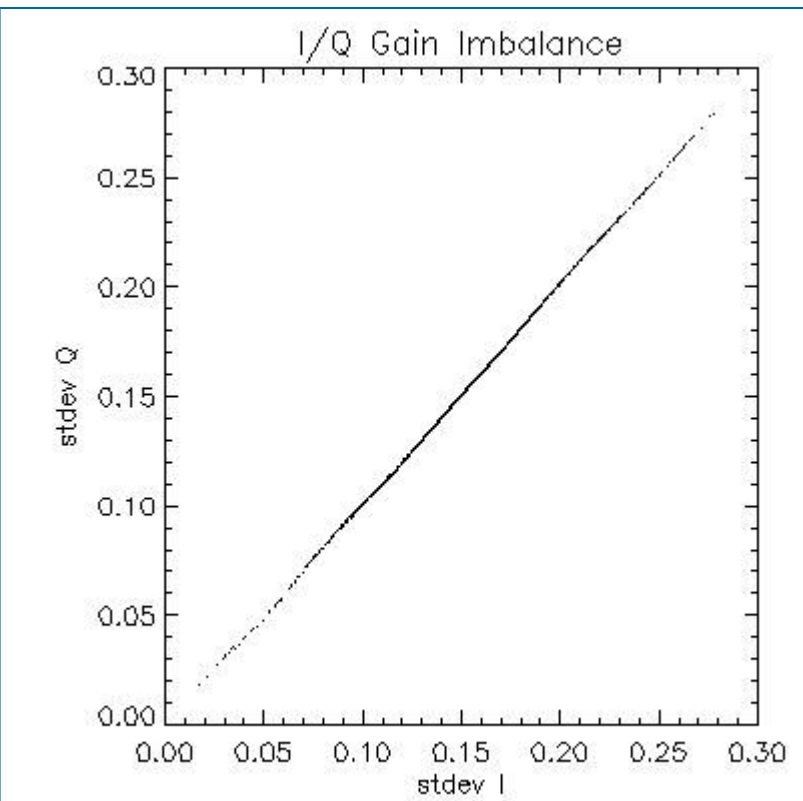
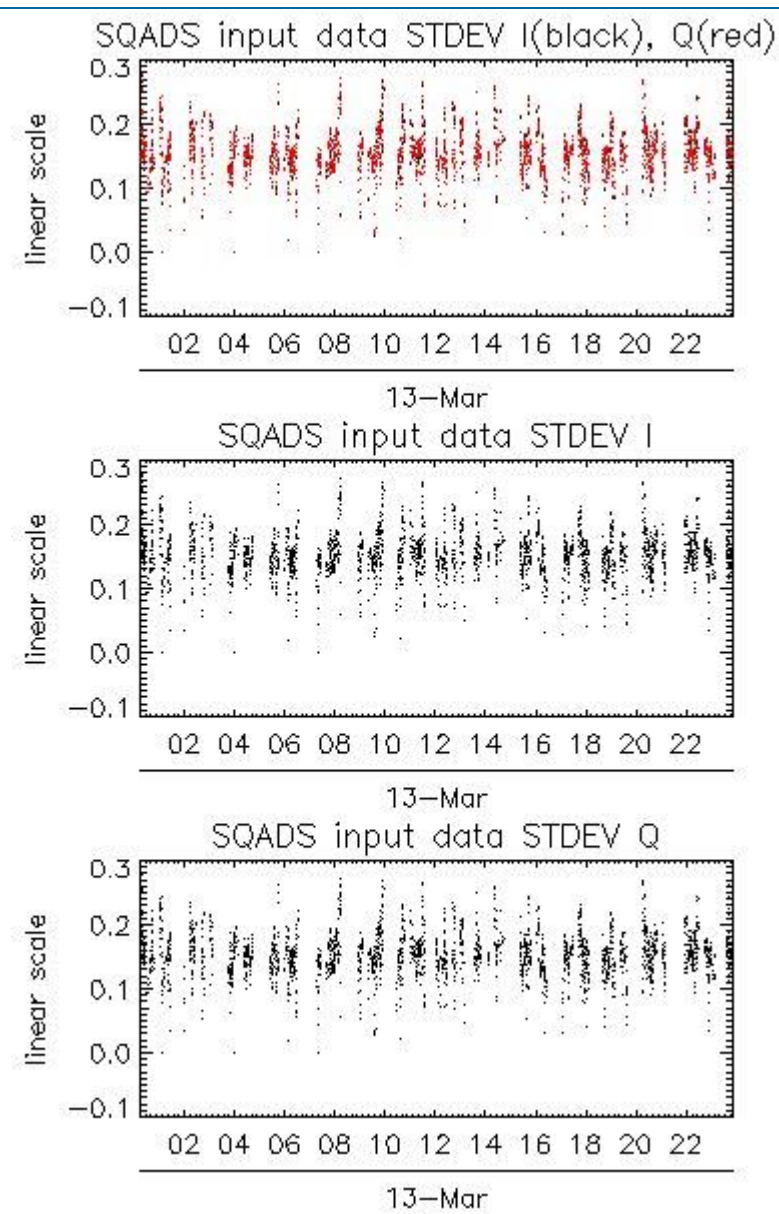
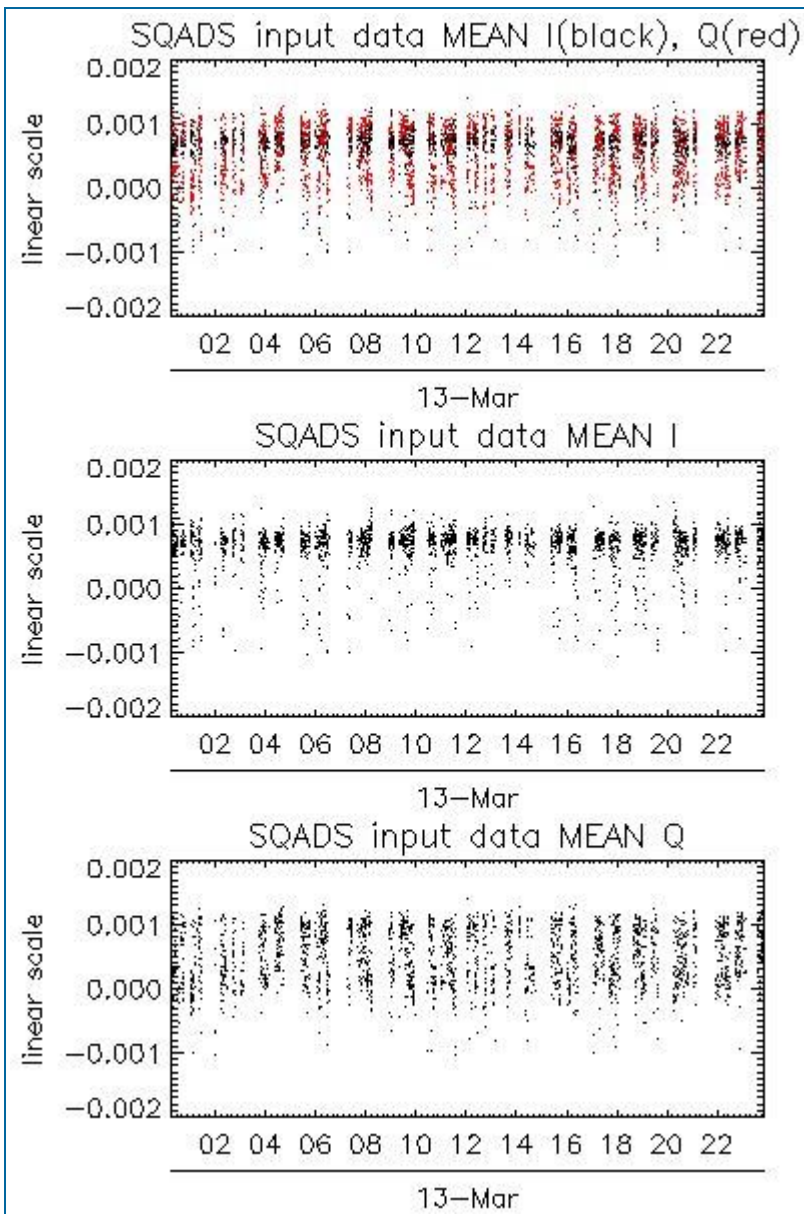


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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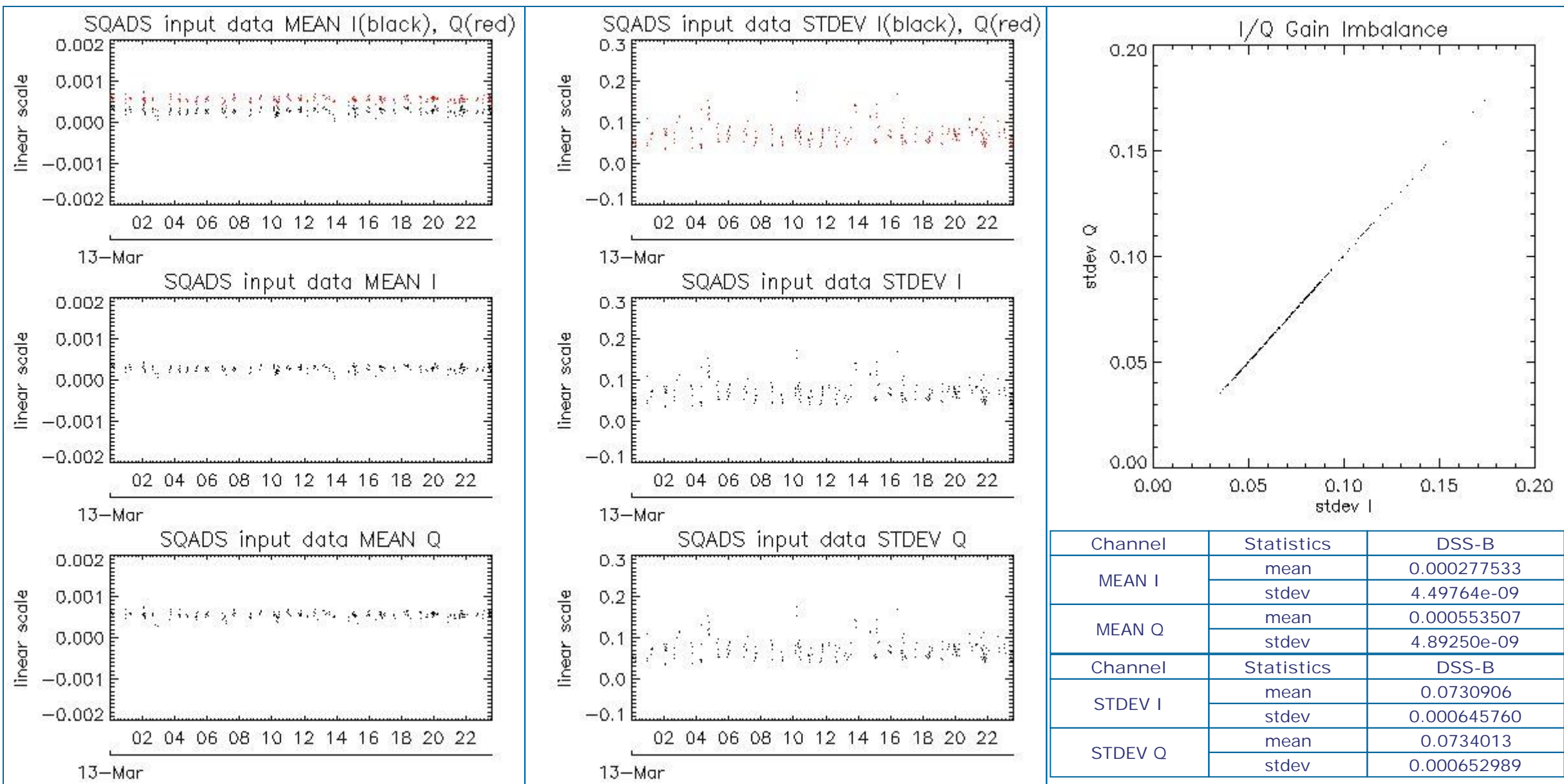
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Channel	Statistics	DSS-B
MEAN I	mean	0.000656975
	stdev	1.06770e-07
MEAN Q	mean	0.000523104
	stdev	1.93121e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.153755
	stdev	0.00121154
STDEV Q	mean	0.154357
	stdev	0.00123831

7.2 - Analysis for IMM

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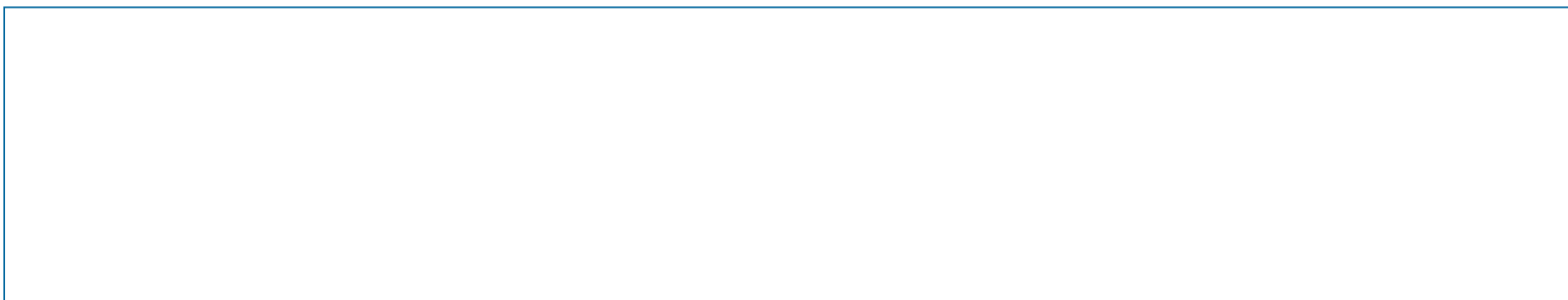


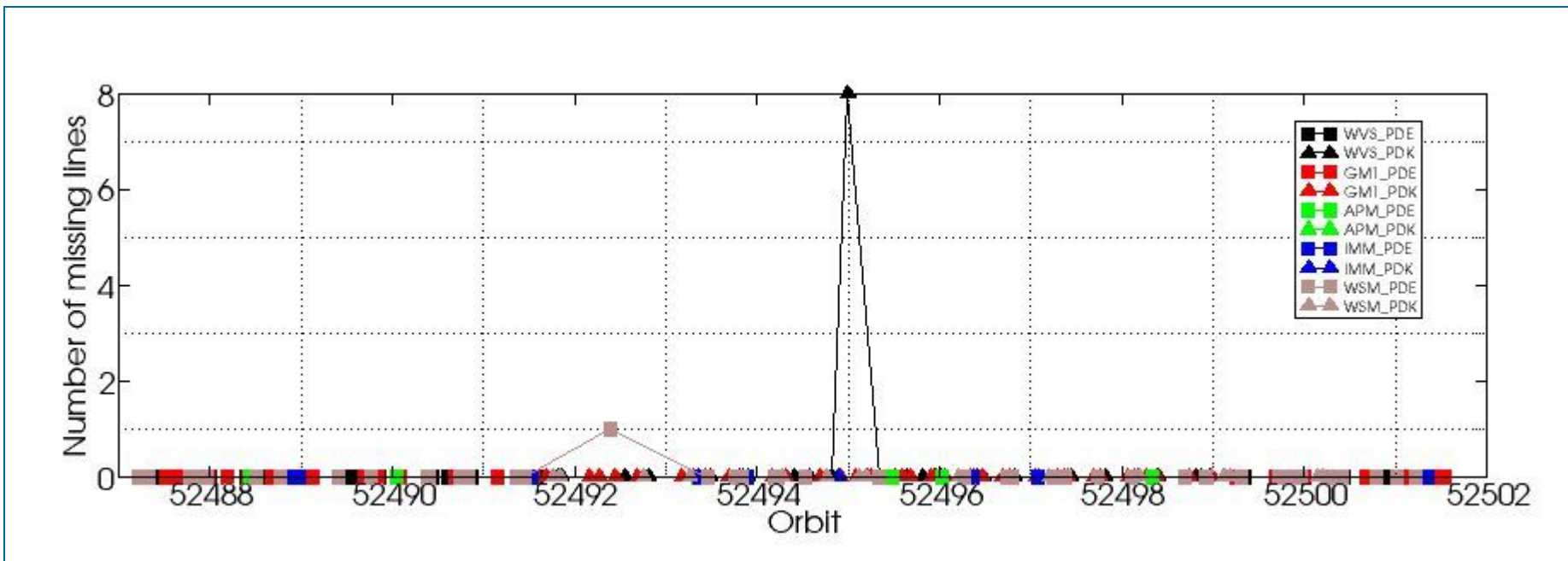
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120313_052347_000009893112_00321_52490_1684.N1	1	0
PDE	ASA_WVS_1PNPDE20120313_210243_000001203112_00330_52499_1929.N1	1	0
PDE	ASA_WVS_1PNPDE20120313_224247_000005103112_00331_52500_1954.N1	1	0
PDK	ASA_WVS_1PNPDK20120313_125924_000005213112_00325_52494_7937.N1	0	8
PDE	ASA_WSM_1PNPDE20120313_083758_000003613112_00323_52492_1773.N1	0	1

8.1 - Number of Missing lines

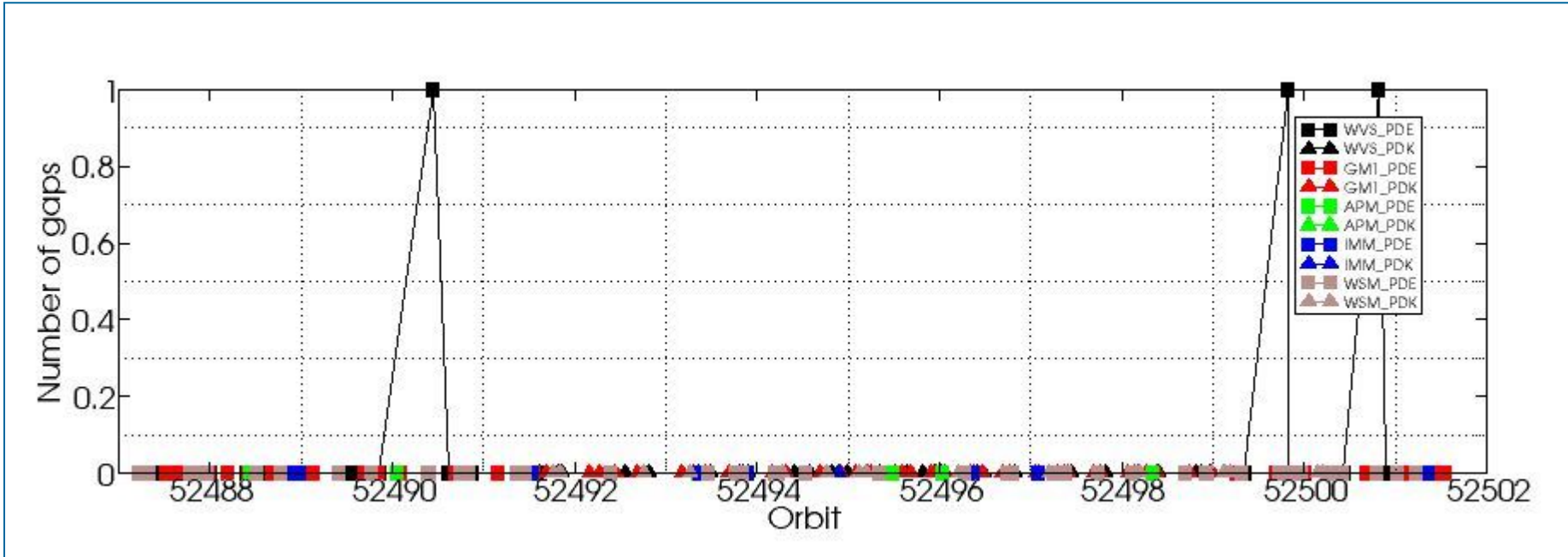
[BACK TO MENU]





8.2 - Number of Gaps

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ASAR DAILY REPORT for 120313
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-03-13 00:00:00

Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/

DATA SUMMARY

Summary will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120313/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120313/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/AUXILIARY

Creating directory ./RESULTS/DAILY/_120313/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120313*current_3_IECF_ADFs.txt
 Found list 20120313_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120313_001407_000008543112_00318_52487_1588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_003106_00000593112_00318_52487_1591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_003742_000005103112_00318_52487_1593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_005944_000004793112_00318_52487_1595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_010659_000002253112_00318_52487_1615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_011803_000006143112_00318_52487_1618.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_015805_00000743112_00319_52488_1627.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_021136_000008853112_00319_52488_1632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_024011_000003903112_00319_52488_1635.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_030149_000003293112_00320_52489_1645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_034536_000006893112_00320_52489_1644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_035651_000002553112_00320_52489_1677.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_040451_000001053112_00320_52489_1679.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_042047_000000903112_00320_52489_1678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_042407_000010793112_00320_52489_1682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_052347_000009893112_00321_52490_1684.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_054002_000000303112_00321_52490_1733.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_054324_000002103112_00321_52490_1735.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_060026_000001203112_00321_52490_1734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_060540_000015293112_00321_52490_1742.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_071723_000002103112_00322_52491_1740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_201509_000020243112_00330_52499_1934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_210243_000001203112_00330_52499_1929.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_210343_000004203112_00330_52499_1949.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_215633_000003443112_00331_52500_1951.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_220410_000014993112_00331_52500_1953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_224247_000005103112_00331_52500_1954.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_225032_000006893112_00331_52500_1971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_230837_00000593112_00332_52501_1974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120313_233645_000008843112_00332_52501_1978.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_072038_000003903112_00322_52491_7816.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_074040_000001353112_00322_52491_7815.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_074501_000017843112_00322_52491_7818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_085501_000006453112_00323_52492_7854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_092054_000021143112_00323_52492_7856.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_102831_000010493112_00324_52493_7881.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_110108_000001053112_00324_52493_7880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_110459_000001203112_00324_52493_7879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_110952_000015443112_00324_52493_7883.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_120035_000006143112_00325_52494_7927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_121735_000006153112_00325_52494_7932.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_124121_000004353112_00325_52494_7931.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_125924_000005213112_00325_52494_7937.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_133439_000007643112_00326_52495_7984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_140519_000001653112_00326_52495_7986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_142144_000004803112_00326_52495_7989.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_143445_000001043112_00326_52495_7990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_144153_000000893112_00327_52496_7994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_WVS_1PNPDK20120313_152133_000002693112_00327_52496_8019.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120313_160243_000013343112_00327_52496_8026.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_170533_000013793112_00328_52497_8050.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_174212_000014843112_00328_52497_8054.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_183956_000017243112_00329_52498_8077.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_192226_000002403112_00329_52498_8085.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_192829_000002553112_00329_52498_8084.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120313_193614_000001643112_00329_52498_8087.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_GM1.txt...

```
ASA_GM1_1PNPDE20120313_000339_000004713112_00318_52487_1590.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120313_003243_000002953112_00318_52487_1592.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_004654_000005863112_00318_52487_1594.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_011300_000000963112_00318_52487_1616.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_011638_000000783112_00318_52487_1617.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_013728_000012333112_00319_52488_1630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_015958_000000783112_00319_52488_1629.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_020727_000000843112_00319_52488_1628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120313_024910_000004043112_00319_52488_1636.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120313_025718_000002653112_00319_52488_1634.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120313_115056_000000783112_00325_52494_7929.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120313_122830_000004473112_00325_52494_7930.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120313_132207_000002053112_00326_52495_7936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120313_193941_000005923112_00329_52498_8088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_APM.txt...

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ASA_APM_1PNPDE20120313_020121_000000813112_00319_52488_1619.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_APM_1PNPDE20120313_020857_000000443112_00319_52488_1621.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_044307_000002563112_00321_52490_1676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_101435_000000483112_00324_52493_1796.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_134858_000000743112_00326_52495_1896.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_144403_000000823112_00327_52496_1897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_165557_000000443112_00328_52497_1912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120313_183500_000000443112_00329_52498_1919.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120313_213520_000000473112_00331_52500_8111.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20120313_024824_000000383112_00319_52488_1625.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_025552_000000763112_00319_52488_1626.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_065811_000001123112_00322_52491_1729.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_071140_000001173112_00322_52491_1732.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_101633_000003753112_00324_52493_1798.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_110815_000000523112_00324_52493_1832.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_151732_000000383112_00327_52496_1899.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_162743_000000373112_00328_52497_1903.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120313_233554_000000443112_00332_52501_1983.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120313_101537_000000943112_00324_52493_7866.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120313_124947_000000383112_00325_52494_7954.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



Analysing WSM products...

Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_120313/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20120313_000002_000002143112_00318_52487_1583.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120313_001135_000001533112_00318_52487_1584.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120313_005640_000001533112_00318_52487_1585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
... (repeating pattern of file names and status checks) ...
ASA_WSM_1PNPDK20120313_214026_000003303112_00331_52500_8114.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120313/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120313/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120313_090630_000000163112_00323_52492_1076.N1

H
H
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120313_090630-20010209_135042.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120313_090630-20010209_135042.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120313_090630-20010209_135042.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120313_090630-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120313_104644_000000163112_00324_52493_1077.N1

V
V
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120313_104644-20010209_140823.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120313_104644-20010209_140823.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120313_104644-20010209_140823.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120313_104644-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20120312_094315_000000163112_00309_52478_1074.N1
Test product: ASA_MS__0PNPDK20120313_090630_000000163112_00323_52492_1076.N1

H
H
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120313_090630-20120312_094315.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120313_090630-20120312_094315.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120313_090630-20120312_094315.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120313_090630-20120312_094315.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120312_112329_000000163112_00310_52479_1075.N1
Test product: ASA_MS__0PNPDK20120313_104644_000000163112_00324_52493_1077.N1

V
V
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120313_104644-20120312_112329.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120313_104644-20120312_112329.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120313_104644-20120312_112329.png
../../RESULTS/DAILY/_120313/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120313_104644-20120312_112329.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120313/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59

Analysing products WVS IS2 V/V

1 78529 7 78529

Writing image ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 38017 7 38017

Writing image ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-13_1.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-13_2.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-13_3.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-13_4.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120313//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 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-13_1.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-13_2.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-13_3.dat...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

```
Getting calibration pulses data for GM1 SS3 H/H from 2012-03-13 00:00:00 to 2012-03-13 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120313/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-13_4.dat...
Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_120313//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...
```

```
CALIBRATION PULSES ANALYSIS completed
#####
```

```
DOPPLER ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120313/DOPPLER...
```

```
*****
*****
DOPPLER ANX Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DOPPLER/Doppler_data_WVS_IS2_VV_2012-03-13.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120313/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...
```

```
Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DOPPLER/Doppler_data_GM1_SS1_HH_2012-03-13.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120313/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...
```

```
*****
*****
DOPPLER JUMPS Analysis will be performed on WSM products from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
```

```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/DOPPLER/Doppler_Jumps_data_WSM_2012-03-13.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120313/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_120313/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
```

```
Analysing products WVS IS2 V/V

1257
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -26.739203 Hz
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
```

```
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.WV_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -15.625592 Hz  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

Analysing products GM1 SS1 H/H

```
2574  
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = 4.7571725 Hz  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
2256  
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -2.8379144 Hz  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...  
Writing file ../../RESULTS/DAILY/_120313//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_120313/CHIRP...

```
*****  
*****  
CHIRP Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
```

```
Analysing products WSM SS1 H/H  
*****  
Getting ScaleFactor data for WSM SS1 H/H from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...  
Writing file ./RESULTS/DAILY/_120313/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-03-13.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/_120313/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...  
Writing file ../../RESULTS/DAILY/_120313/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V  
*****  
Getting ScaleFactor data for WSM SS1 V/V from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...  
Writing file ./RESULTS/DAILY/_120313/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-03-13.dat...
```

Running IDL program...
Writing file ../../RESULTS/DAILY/_120313/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120313/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/RAW_DATA

Creating directory ./RESULTS/DAILY/_120313/RAW_DATA...

Getting raw data for WVS from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/RAW_DATA/Raw_data_WVS_2012-03-13.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-03-13 00:00:00 to 2012-03-13 23:59:59...
Writing file ./RESULTS/DAILY/_120313/RAW_DATA/Raw_data_IMM_2012-03-13.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120313/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-03-13 00:00:00 to 2012-03-13 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120313/TELEMETRY

Creating directory ./RESULTS/DAILY/_120313/TELEMETRY...

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

Checking 30 products from PDE...
Found product...ASA_WVS_1PNPDE20120313_052347_000009893112_00321_52490_1684.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120313_210243_000001203112_00330_52499_1929.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120313_224247_000005103112_00331_52500_1954.N1 / 1 gaps / 0 missing lines
Checking 27 products from PDK...
Found product...ASA_WVS_1PNPDK20120313_125924_000005213112_00325_52494_7937.N1 / 0 gaps / 8 missing lines

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

Checking 34 products from PDE...
Checking 42 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 9 products from PDE...
Checking 2 products from PDK...

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

Checking 42 products from PDE...
Found product...ASA_WSM_1PNPDE20120313_083758_000003613112_00323_52492_1773.N1 / 0 gaps / 1 missing lines
Checking 16 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120313/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_120313/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_120313/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_1PNPDE20120313_020121_000000813112_00319_52488_1619.N1				
ASA_APM_1PNPDE20120313_020312_000000973112_00319_52488_1622.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_020857_000000443112_00319_52488_1621.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_044307_000002563112_00321_52490_1676.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_101435_000000483112_00324_52493_1796.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_134858_000000743112_00326_52495_1896.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_144403_000000823112_00327_52496_1897.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_165557_000000443112_00328_52497_1912.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120313_183500_000000443112_00329_52498_1919.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120313_213520_000000473112_00331_52500_8111.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_1PNPDE20120313_000339_000004713112_00318_52487_1590.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_002912_000001083112_00318_52487_1589.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_003243_000002953112_00318_52487_1592.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_004654_000005863112_00318_52487_1594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_011300_000000963112_00318_52487_1616.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_011638_000000783112_00318_52487_1617.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_013728_000012333112_00319_52488_1630.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_015958_000000783112_00319_52488_1629.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_020727_000000843112_00319_52488_1628.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_022706_000005613112_00319_52488_1631.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_024910_000004043112_00319_52488_1636.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_025718_000002653112_00319_52488_1634.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_030758_000001143112_00320_52489_1633.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_031156_000016923112_00320_52489_1641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_040722_000004713112_00320_52489_1680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_042254_000000663112_00320_52489_1681.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_044744_000017583112_00321_52490_1683.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDE20120313_070016_000002413112_00322_52491_1744.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_070616_000003263112_00322_52491_1743.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120313_071347_000002113112_00322_52491_1741.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDE20120313_205451_000003443112_00330_52499_1932.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120313_072750_000004773112_00322_52491_7817.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_081529_000007253112_00323_52492_7819.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_082638_000002653112_00323_52492_7852.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120313_132422_000005073112_00326_52495_7982.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_135030_000005433112_00326_52495_7983.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_135938_000003383112_00326_52495_7985.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_140843_000007793112_00326_52495_7988.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_143035_000002473112_00326_52495_7987.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_143713_000002773112_00326_52495_7991.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_144611_000008523112_00327_52496_7993.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_151432_000001813112_00327_52496_8018.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_151821_000001873112_00327_52496_8020.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_152645_000000663112_00327_52496_8021.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_154858_000003143112_00327_52496_8022.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_155729_000001573112_00327_52496_8025.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_162545_000001143112_00328_52497_8024.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120313_164916_000003983112_00328_52497_8046.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_165702_000001203112_00328_52497_8047.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_170133_000002413112_00328_52497_8048.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_172914_000002473112_00328_52497_8049.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_173624_000003443112_00328_52497_8051.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_180735_000003083112_00329_52498_8052.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_181419_000003263112_00329_52498_8053.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_181838_000001083112_00329_52498_8074.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_182734_000004473112_00329_52498_8075.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_183813_000000963112_00329_52498_8076.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_191455_000004473112_00329_52498_8086.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120313_193941_000005923112_00329_52498_8088.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
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ASA_IMM_1PNPDE20120313_025552_000000763112_00319_52488_1626.N1				
ASA_IMM_1PNPDE20120313_065811_000001123112_00322_52491_1729.N1				
ASA_IMM_1PNPDE20120313_071140_000001173112_00322_52491_1732.N1				
ASA_IMM_1PNPDE20120313_101633_000003753112_00324_52493_1798.N1				
ASA_IMM_1PNPDE20120313_110815_000000523112_00324_52493_1832.N1				
ASA_IMM_1PNPDE20120313_151732_000000383112_00327_52496_1899.N1				
ASA_IMM_1PNPDE20120313_162743_000000373112_00328_52497_1903.N1				
ASA_IMM_1PNPDE20120313_233554_000000443112_00332_52501_1983.N1				
ASA_IMM_1PNPDK20120313_101537_000000943112_00324_52493_7866.N1				
ASA_IMM_1PNPDK20120313_124947_000000383112_00325_52494_7954.N1				

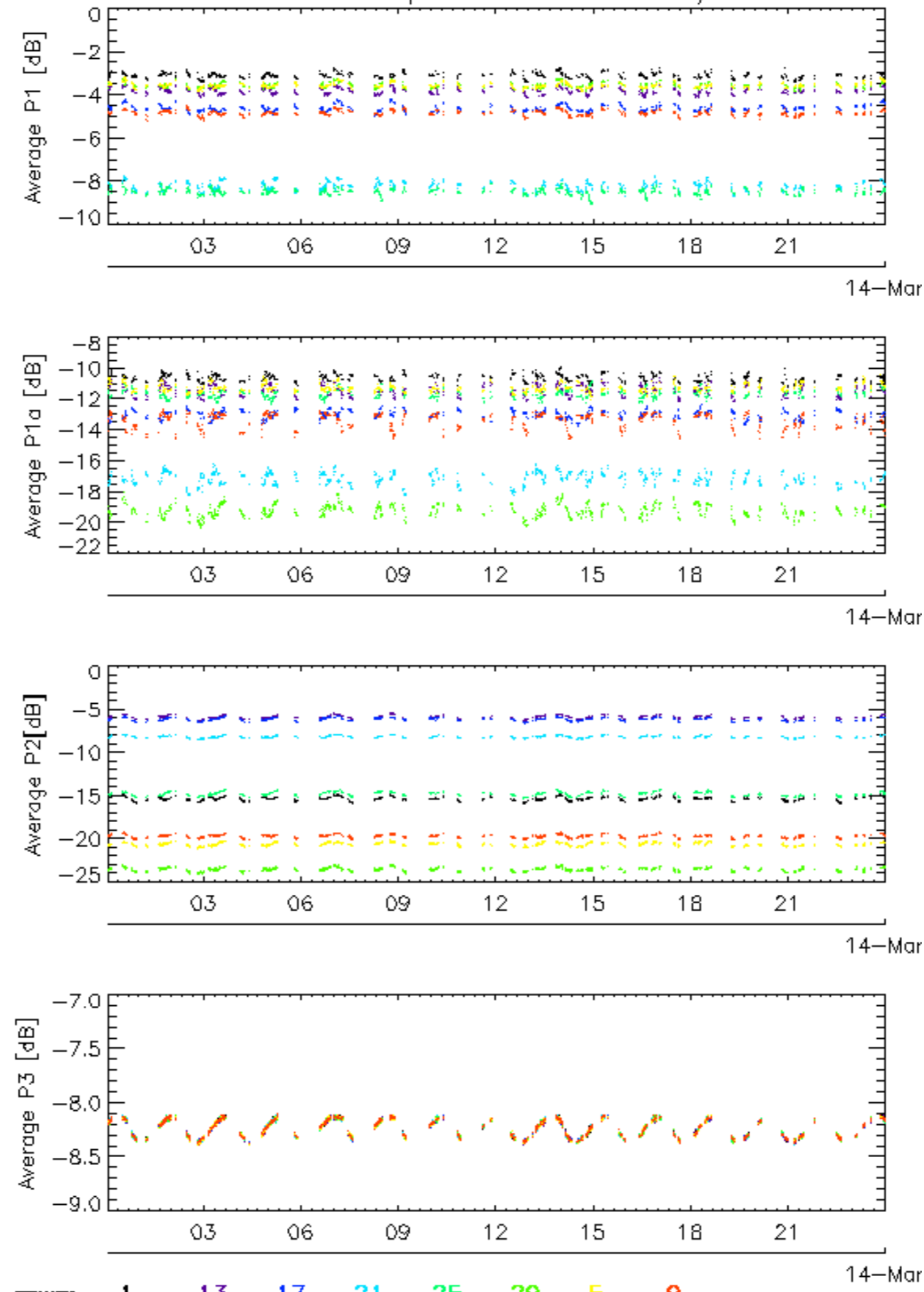
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WSM_1PNPDE20120313_005640_000001533112_00318_52487_1585.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_011123_000000923112_00318_52487_1602.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_011443_000001103112_00318_52487_1603.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_021006_000000923112_00319_52488_1623.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_023632_000002203112_00319_52488_1624.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_034012_000003123112_00320_52489_1620.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_041516_000003303112_00320_52489_1675.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_051707_000001353112_00321_52490_1660.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_052003_000002263112_00321_52490_1665.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_055335_000003923112_00321_52490_1726.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_060309_000001533112_00321_52490_1728.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_065556_000000923112_00322_52491_1727.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_070421_000001103112_00322_52491_1731.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_083758_000003613112_00323_52492_1773.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_102500_000001903112_00324_52493_1799.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_105605_000002753112_00324_52493_1831.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_110328_000000923112_00324_52493_1833.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_113958_000001103112_00325_52494_1835.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_114234_000003493112_00325_52494_1821.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_121240_000000923112_00325_52494_1837.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_133250_000001103112_00326_52495_1895.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_150816_000002143112_00327_52496_1898.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_155415_000001903112_00327_52496_1900.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_160012_000001533112_00327_52496_1894.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_164435_000002813112_00328_52497_1910.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_165910_000001353112_00328_52497_1911.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_173325_000001713112_00328_52497_1913.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_181243_000000923112_00329_52498_1914.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_190938_000003123112_00329_52498_1920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_193320_000001713112_00329_52498_1921.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_201124_000002263112_00330_52499_1937.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_205251_000001163112_00330_52499_1939.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_210037_000001283112_00330_52499_1926.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_211647_000002393112_00330_52499_1940.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_214524_000002753112_00331_52500_1950.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_215137_000003003112_00331_52500_1960.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_220300_000000673112_00331_52500_1964.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_223946_000001843112_00331_52500_1946.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_230252_000001533112_00332_52501_1965.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120313_232358_000005443112_00332_52501_1980.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_073548_000002753112_00322_52491_7836.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_074331_000000923112_00322_52491_7835.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_091543_000002693112_00323_52492_7862.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_100605_000002143112_00324_52493_7861.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_114752_000001773112_00325_52494_7893.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_123600_000002883112_00325_52494_7953.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_131117_000000923112_00326_52495_7952.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_132009_000001103112_00326_52495_7951.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_150024_000004533112_00327_52496_8000.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_164039_000002693112_00328_52497_8039.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_182032_000004163112_00329_52498_8067.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_195312_000000363112_00330_52499_8073.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_195356_000003613112_00330_52499_8083.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_200009_000003733112_00330_52499_8096.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_213632_000001903112_00331_52500_8113.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120313_214026_000003303112_00331_52500_8114.N1					OK	OK	OK	OK

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

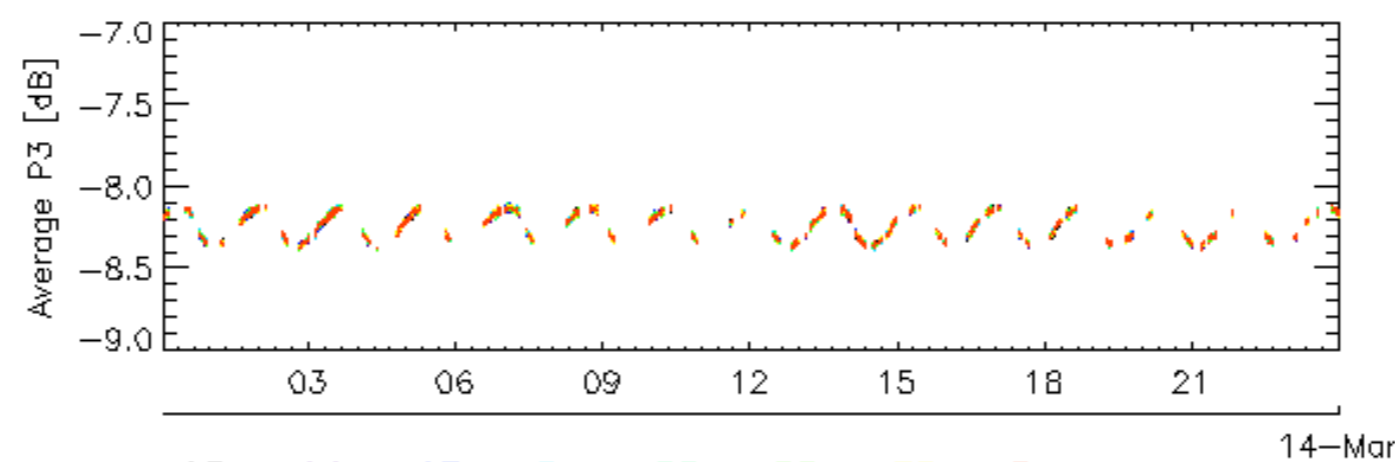
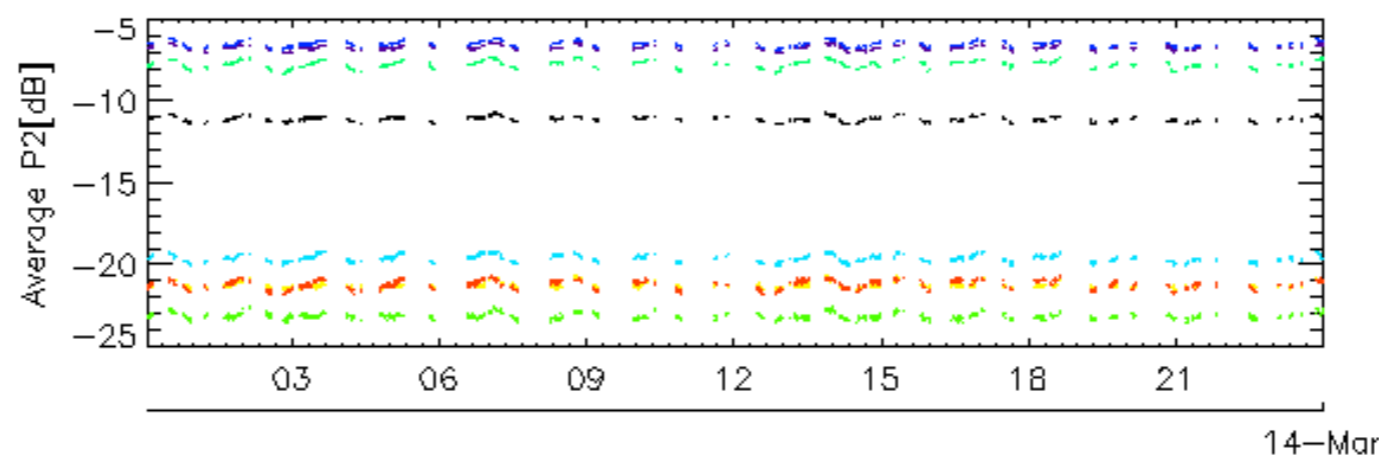
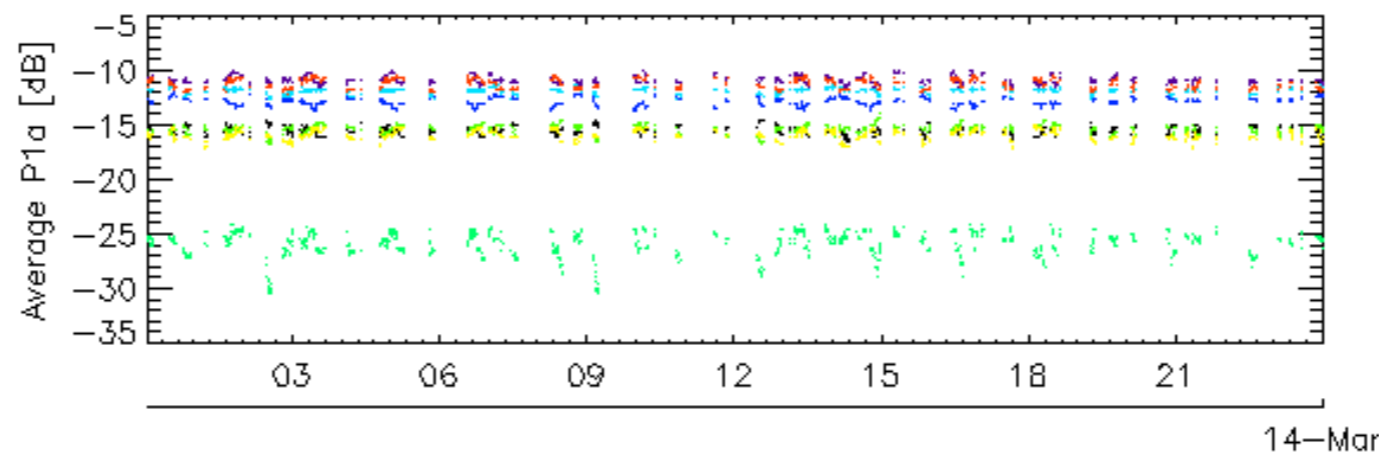
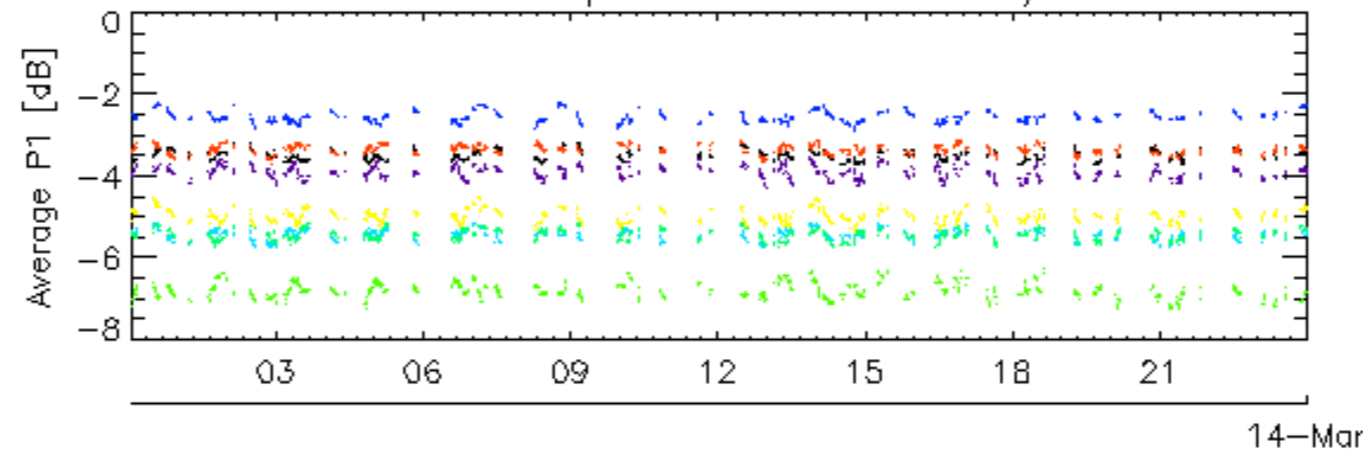
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ASA_WVS_1PNPDE20120313_010659_000002253112_00318_52487_1615.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120313_015805_000000743112_00319_52488_1627.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_021136_000008853112_00319_52488_1632.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_024011_000003903112_00319_52488_1635.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_030149_000003293112_00320_52489_1645.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_034536_000006893112_00320_52489_1644.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_035651_000002553112_00320_52489_1677.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_040451_000001053112_00320_52489_1679.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_042047_000000903112_00320_52489_1678.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_042407_000010793112_00320_52489_1682.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_052347_000009893112_00321_52490_1684.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_054002_000000303112_00321_52490_1733.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120313_060026_000001203112_00321_52490_1734.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_060540_000015293112_00321_52490_1742.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_071723_000002103112_00322_52491_1740.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_201509_000020243112_00330_52499_1934.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120313_210343_000004203112_00330_52499_1949.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_215633_000003443112_00331_52500_1951.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_220410_000014993112_00331_52500_1953.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_224247_000005103112_00331_52500_1954.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_225032_000006893112_00331_52500_1971.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_230837_000000593112_00332_52501_1974.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120313_233645_000008843112_00332_52501_1978.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_072038_000003903112_00322_52491_7816.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120313_074501_000017843112_00322_52491_7818.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_085501_000006453112_00323_52492_7854.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_092054_000021143112_00323_52492_7856.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_102831_000010493112_00324_52493_7881.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_110108_000001053112_00324_52493_7880.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120313_110952_000015443112_00324_52493_7883.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_120035_000006143112_00325_52494_7927.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_121735_000006153112_00325_52494_7932.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_124121_000004353112_00325_52494_7931.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120313_160243_000013343112_00327_52496_8026.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_170533_000013793112_00328_52497_8050.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_174212_000014843112_00328_52497_8054.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_183956_000017243112_00329_52498_8077.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_192226_000002403112_00329_52498_8085.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120313_192829_000002553112_00329_52498_8084.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H



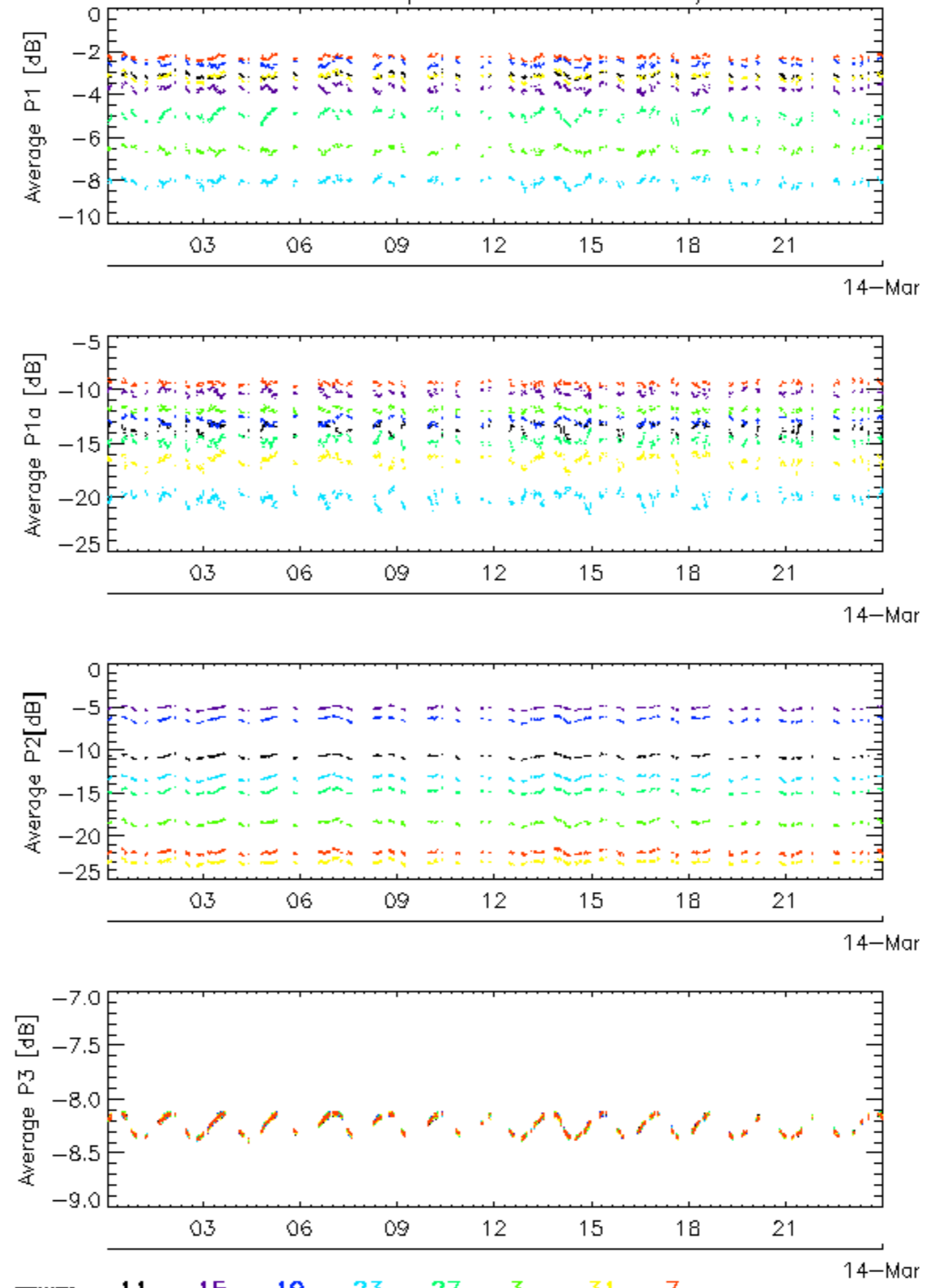
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

Calibration pulses for GM1 SS3 H/H



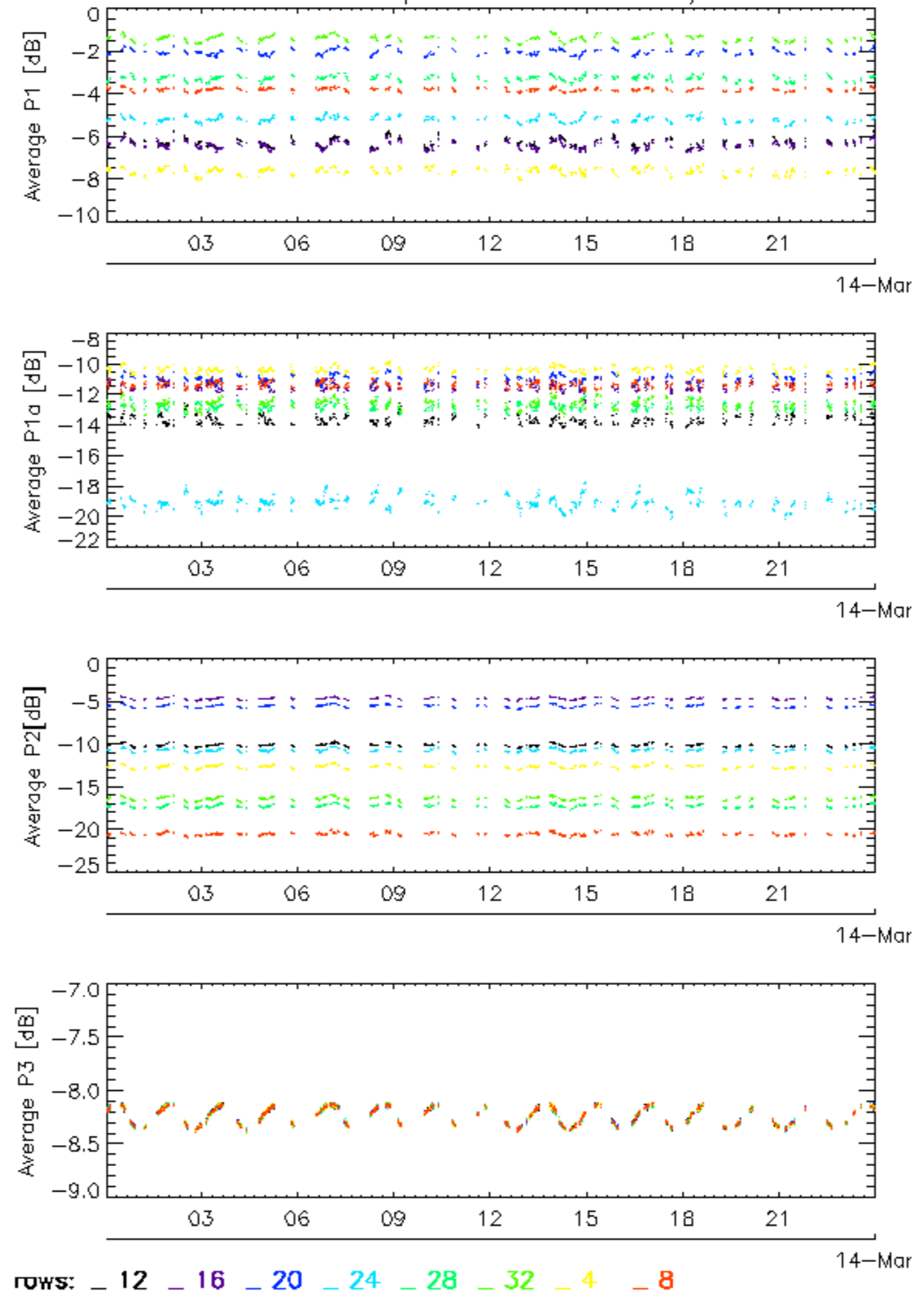
rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

Calibration pulses for GM1 SS3 H/H

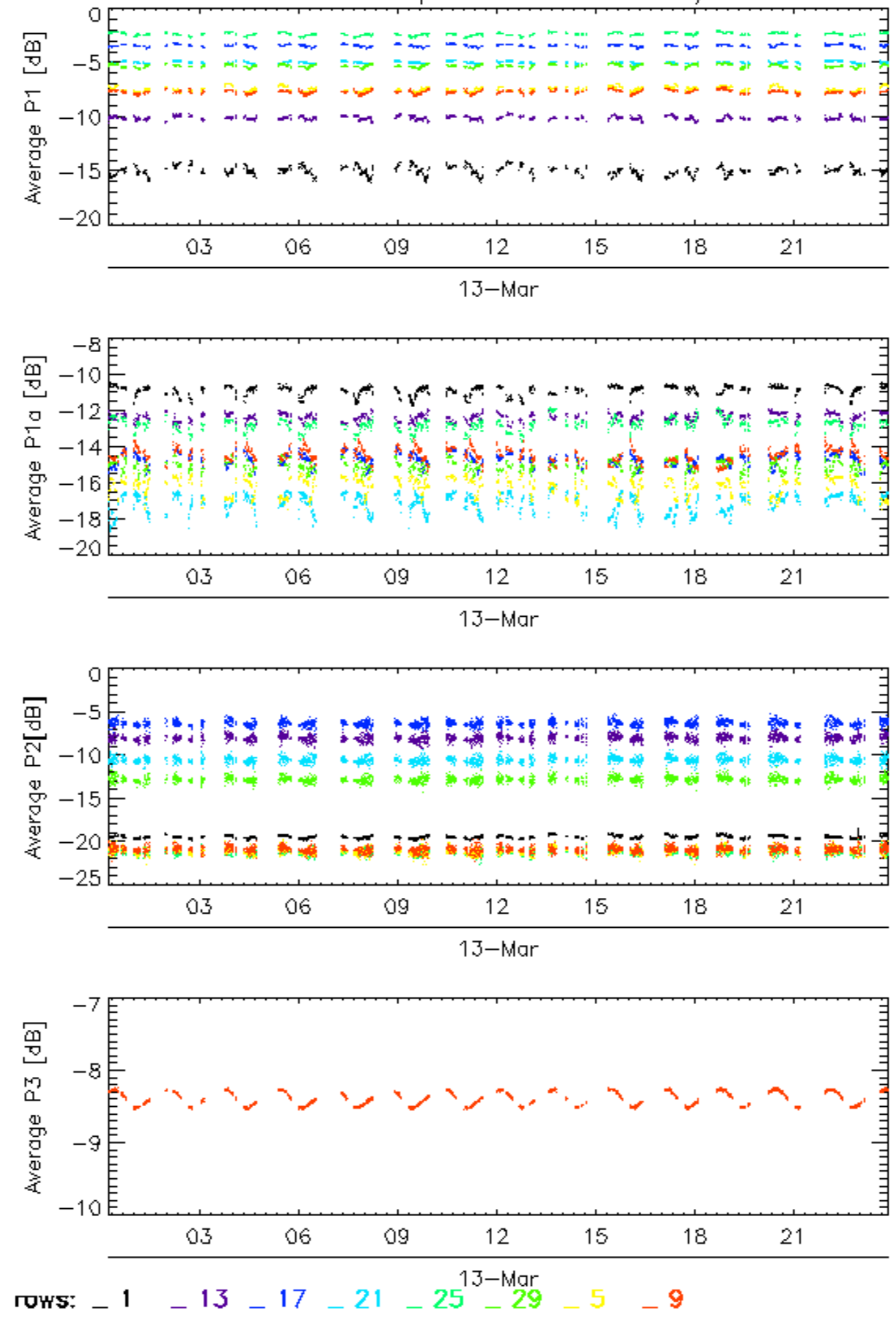


rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 3 _ 31 _ 7

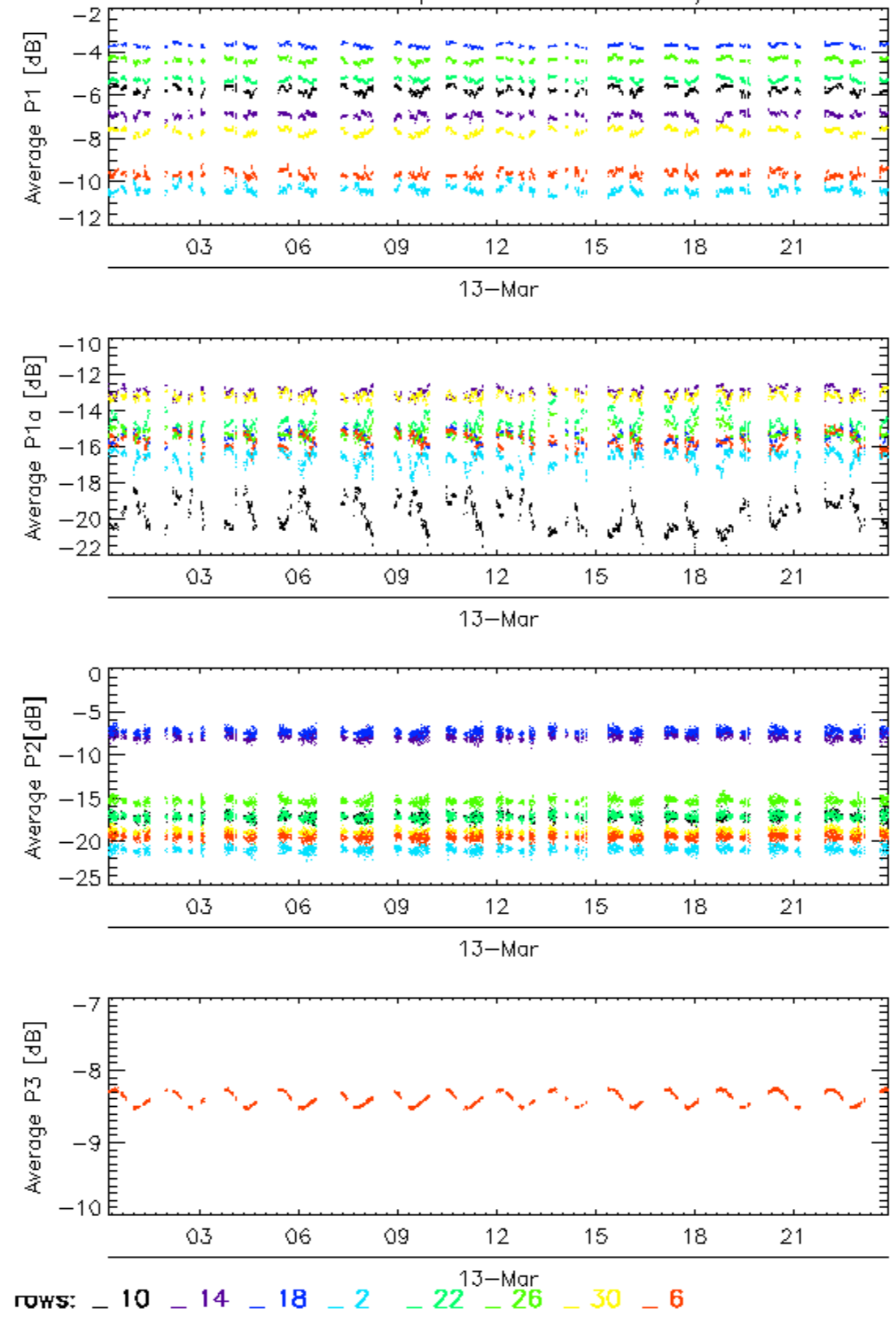
Calibration pulses for GM1 SS3 H/H



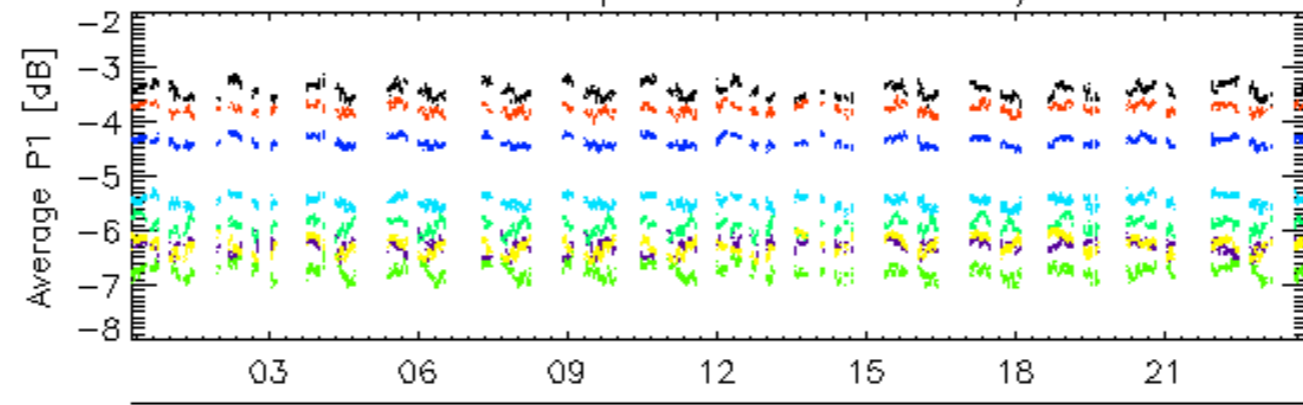
Calibration pulses for WVS IS2 V/V



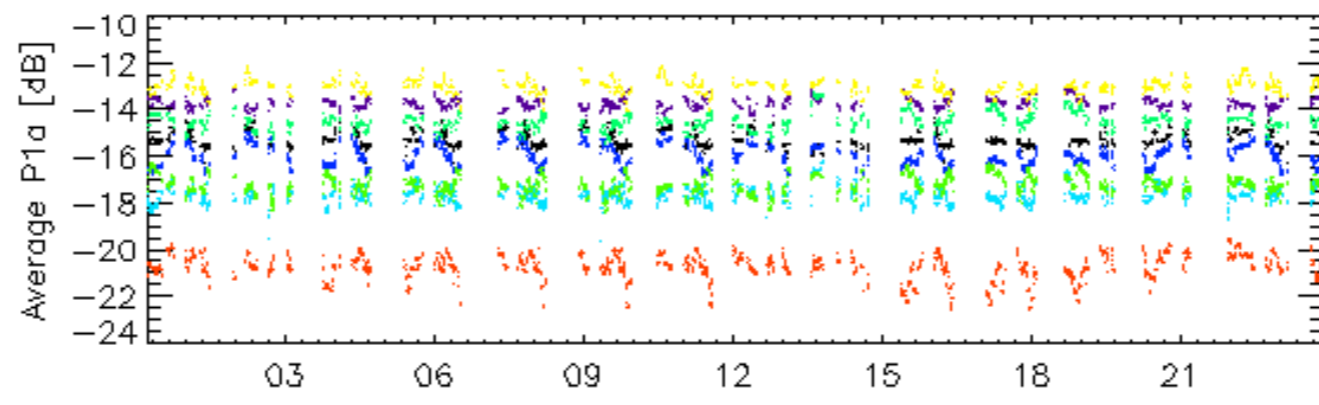
Calibration pulses for WVS IS2 V/V



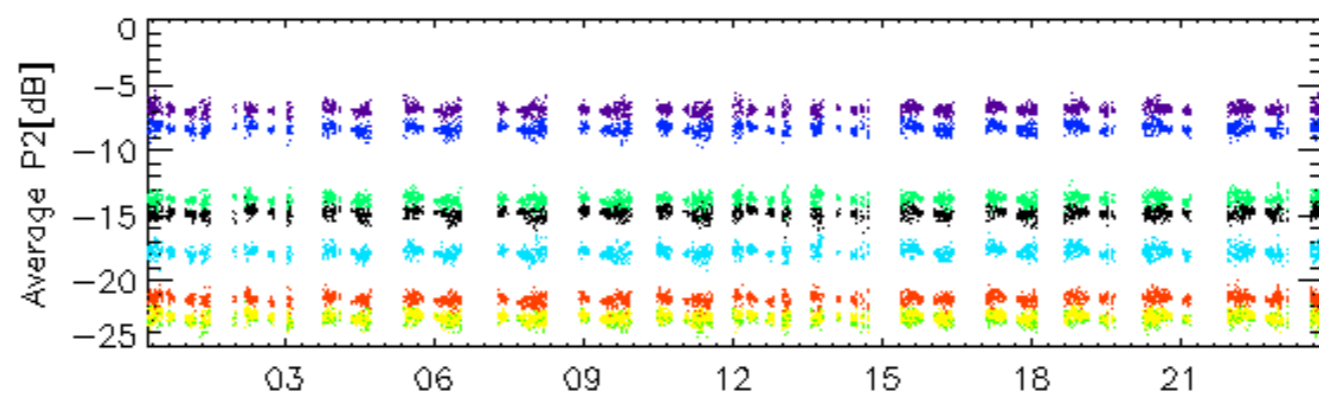
Calibration pulses for WVS IS2 V/V



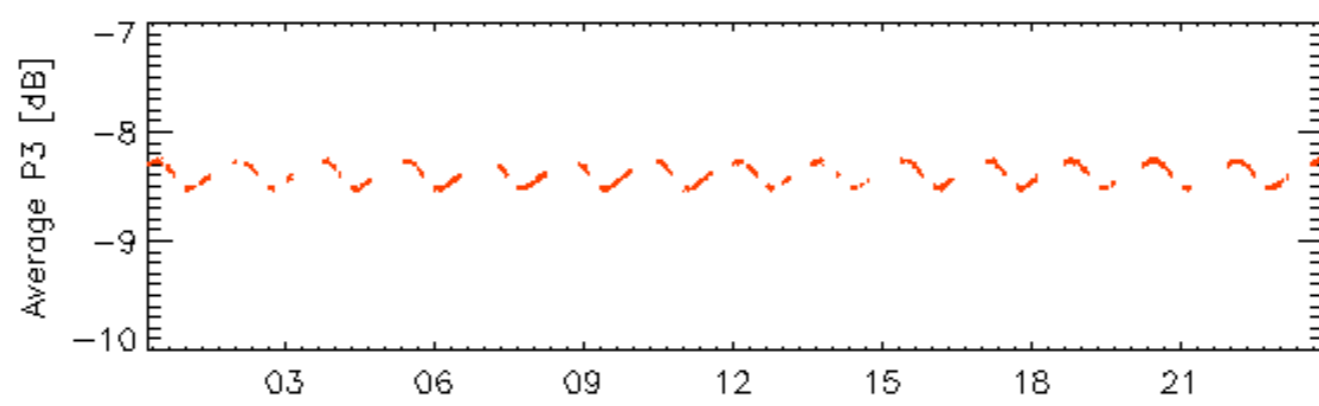
13-Mar



13-Mar



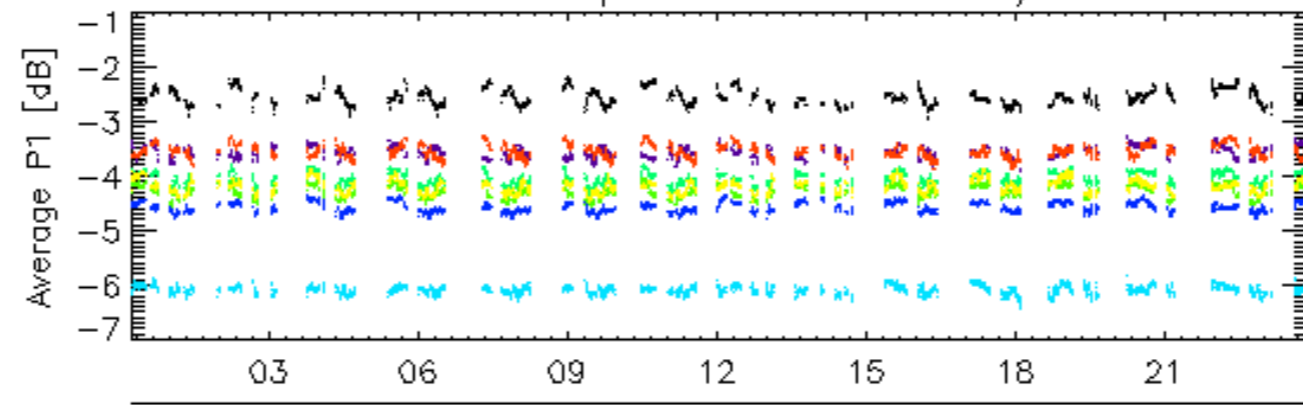
13-Mar



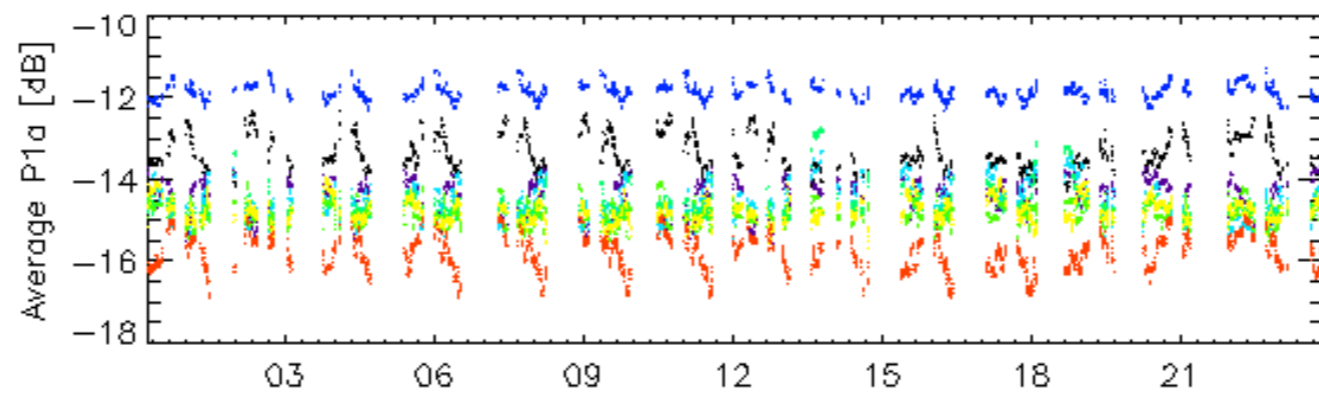
13-Mar

rows: _ 11 _ 15 _ 19 _ 23 _ 27 ^{13-Mar} _ 3 _ 31 _ 7

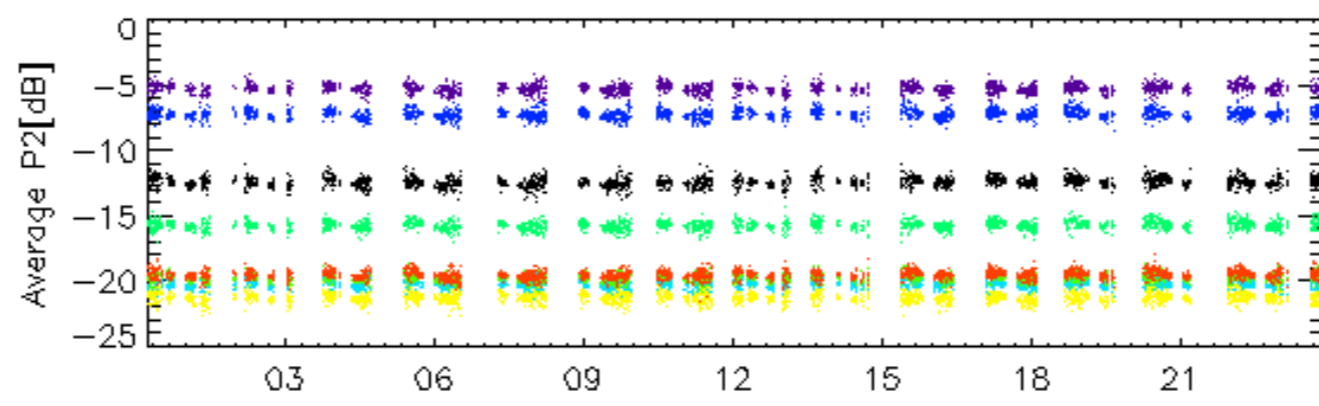
Calibration pulses for WVS IS2 V/V



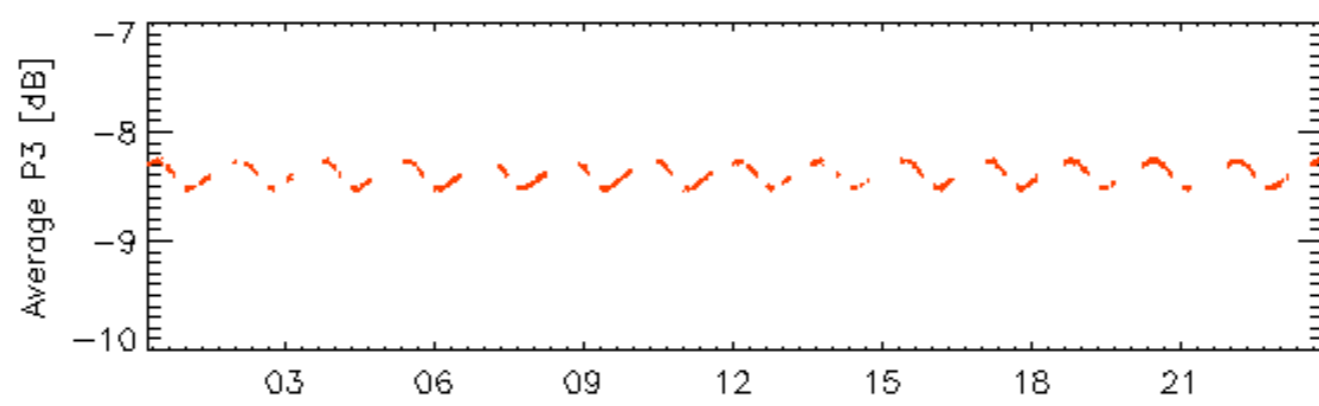
13-Mar



13-Mar

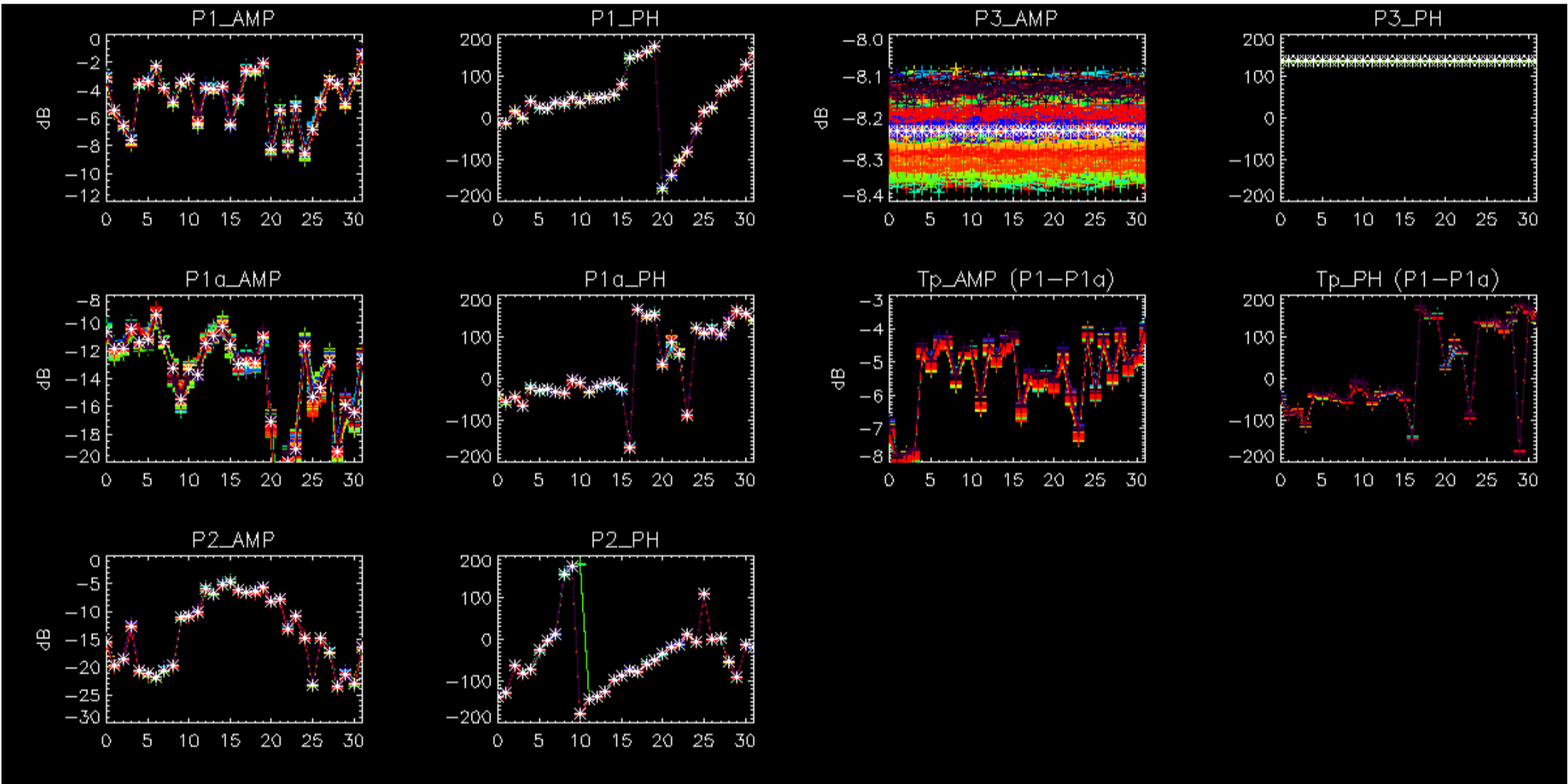


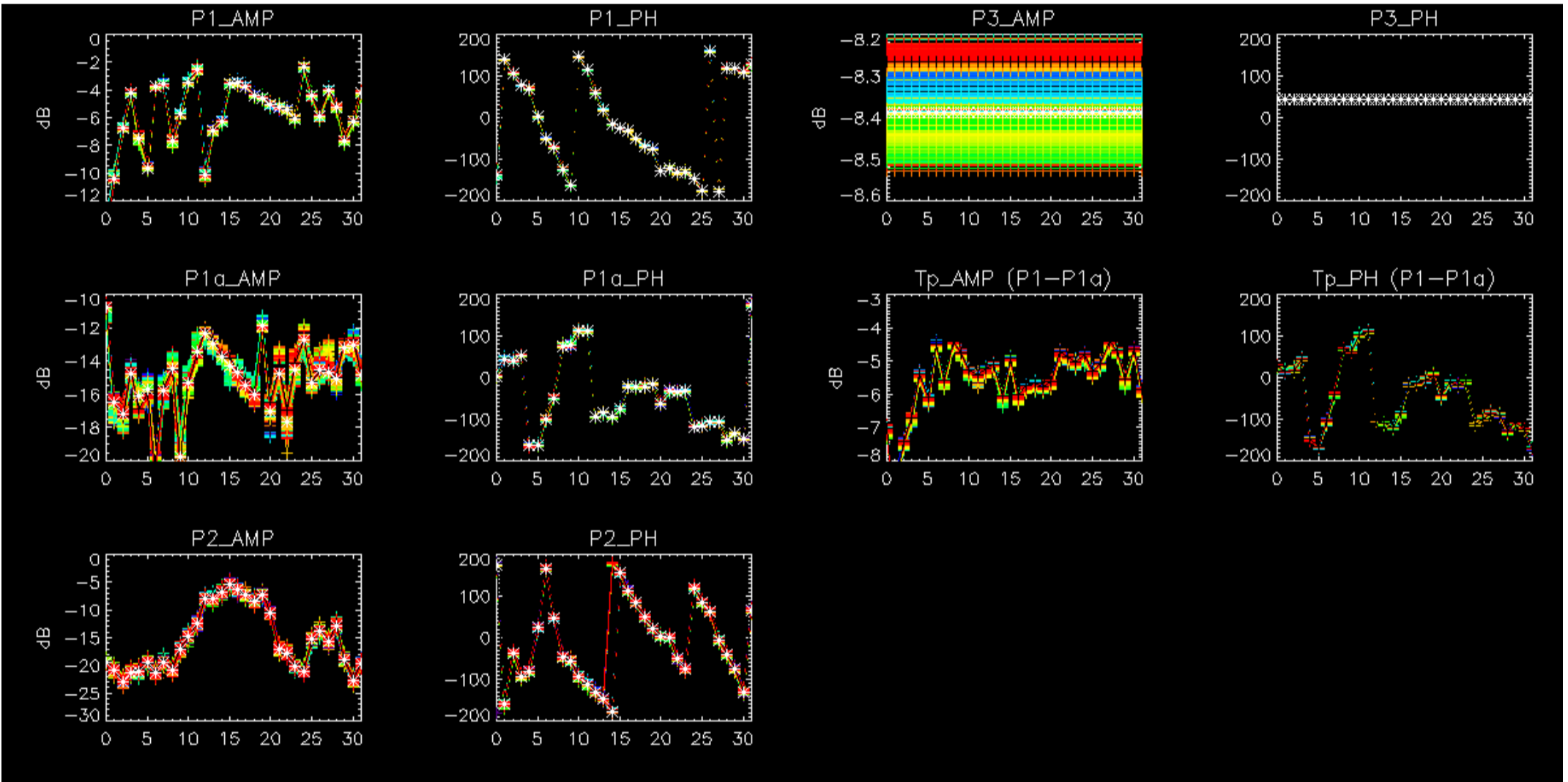
13-Mar

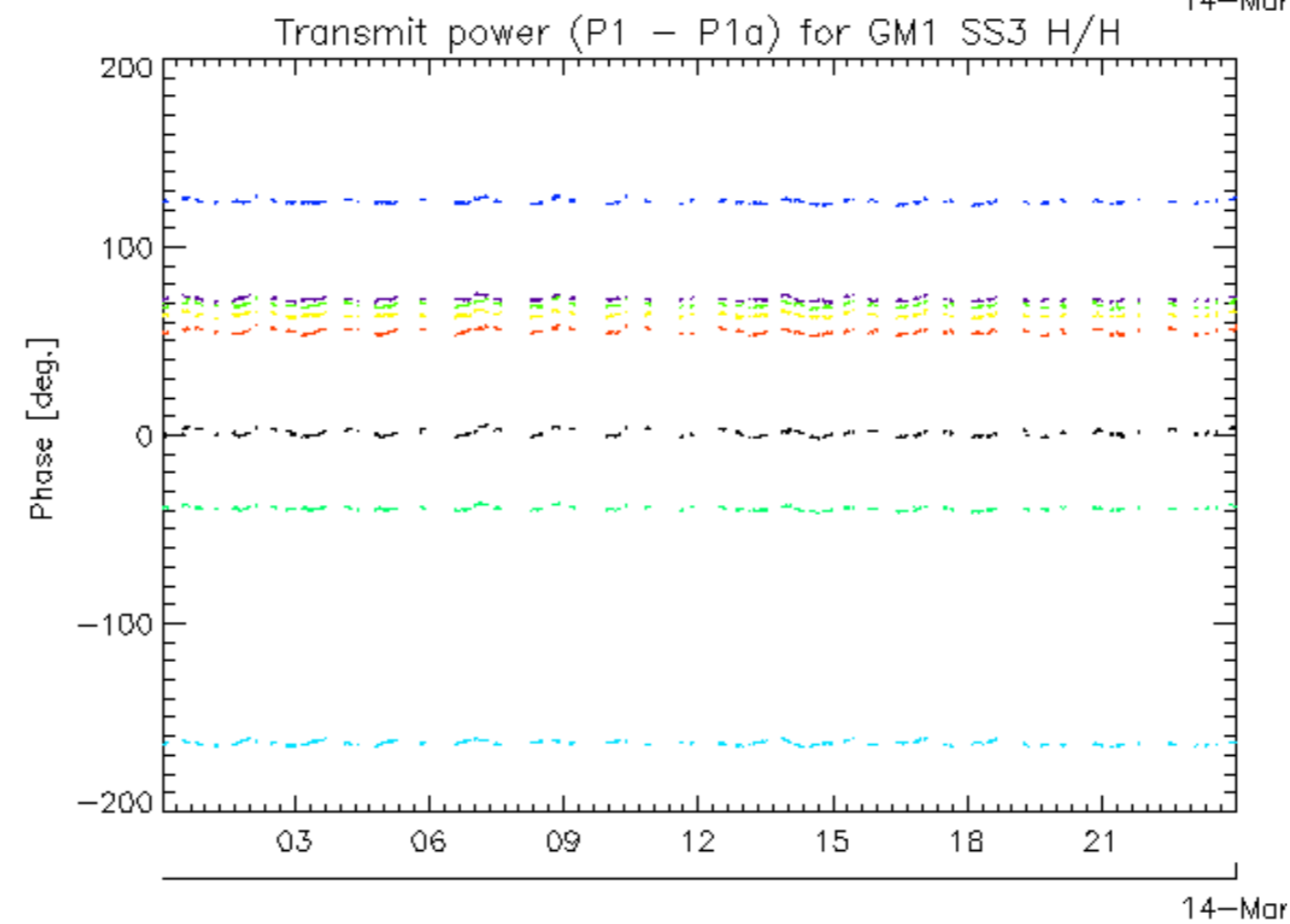
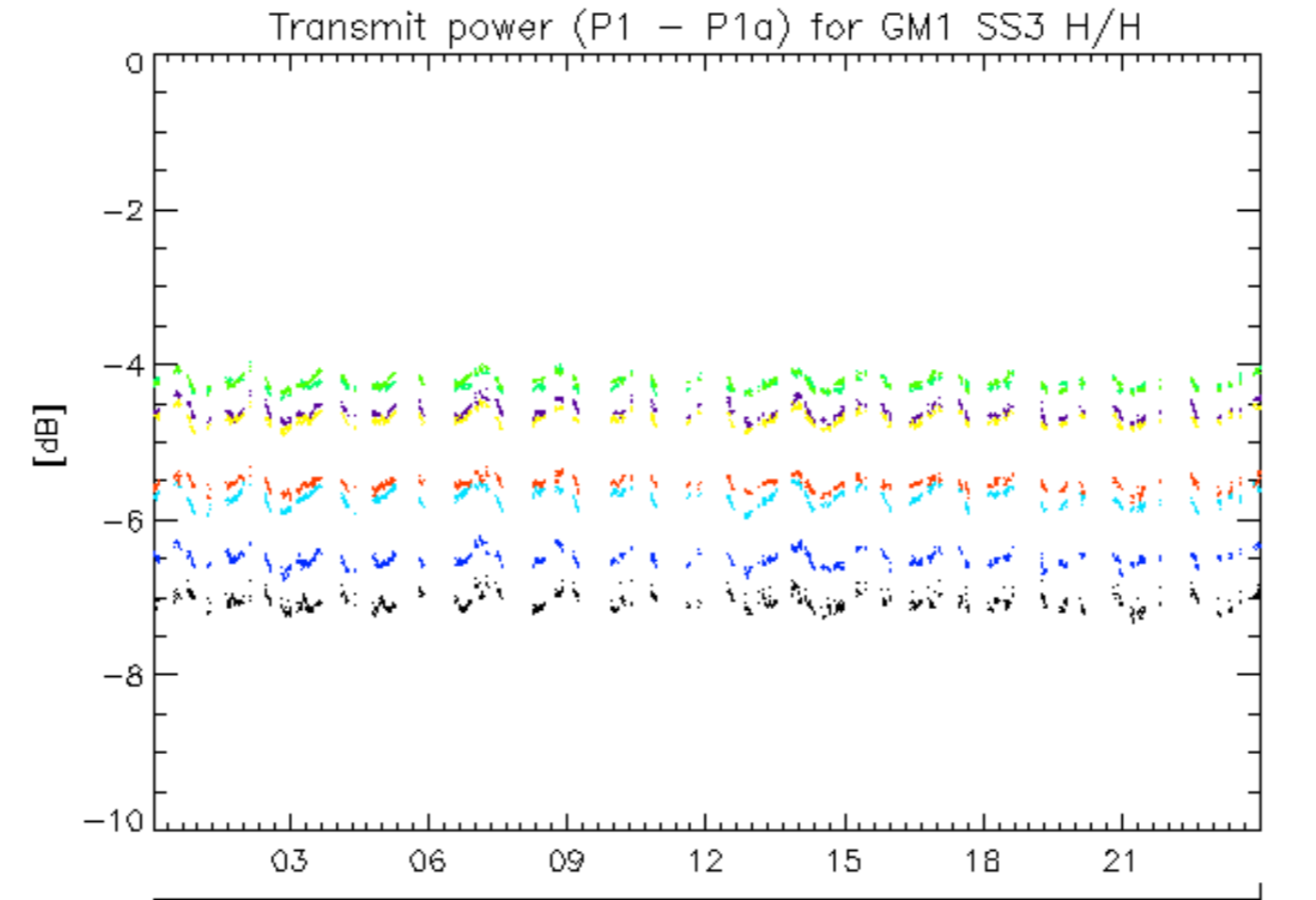


13-Mar

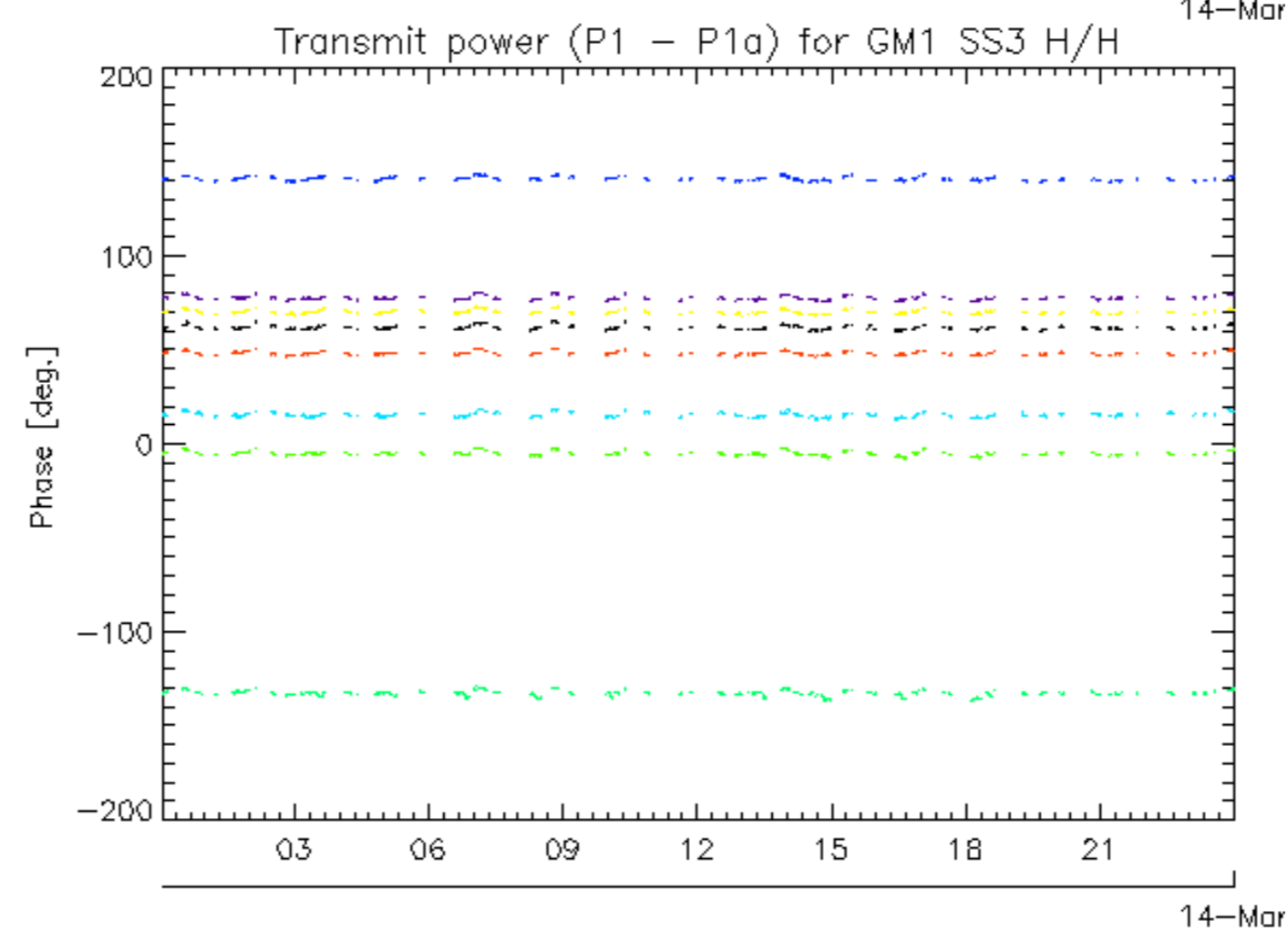
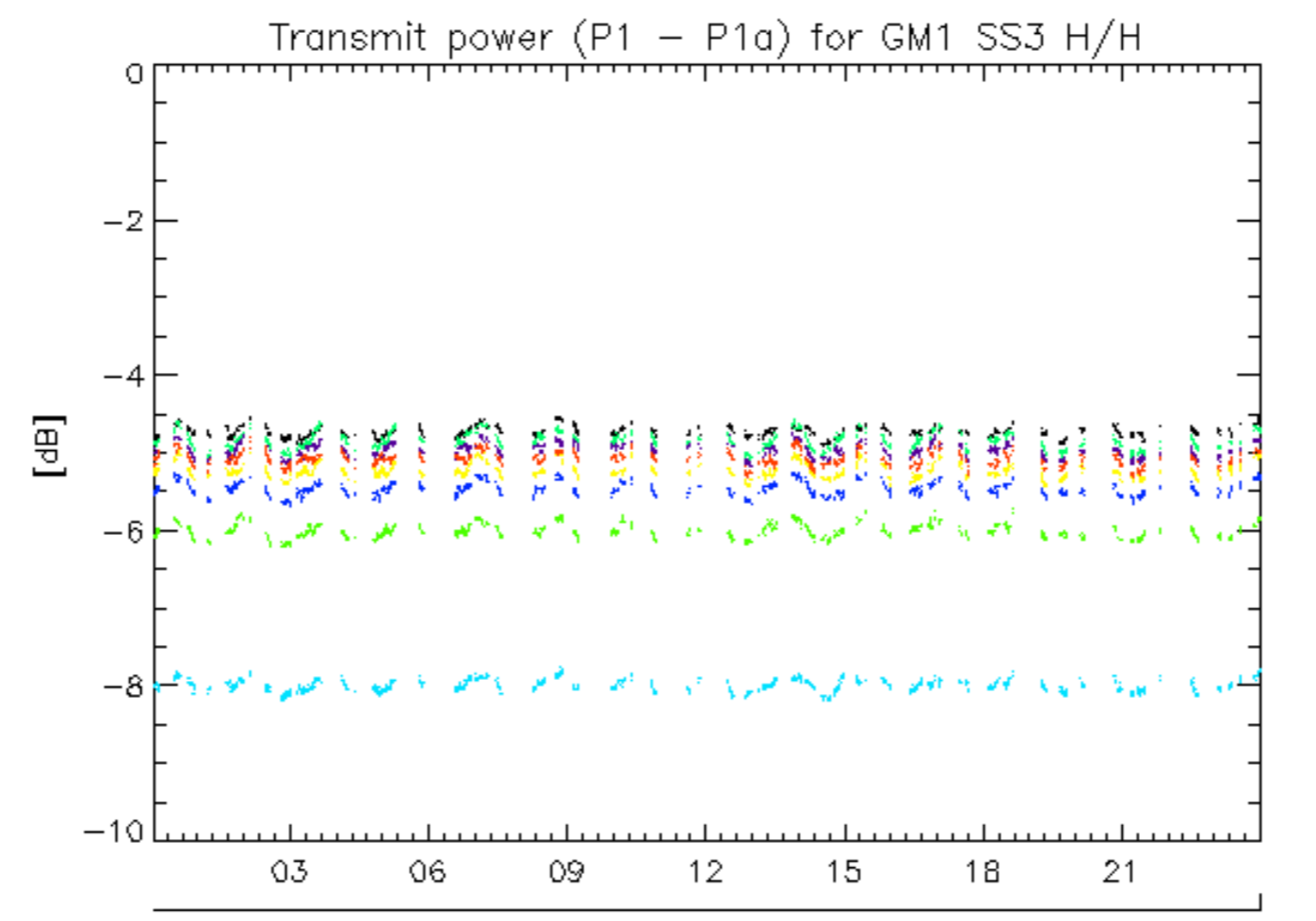
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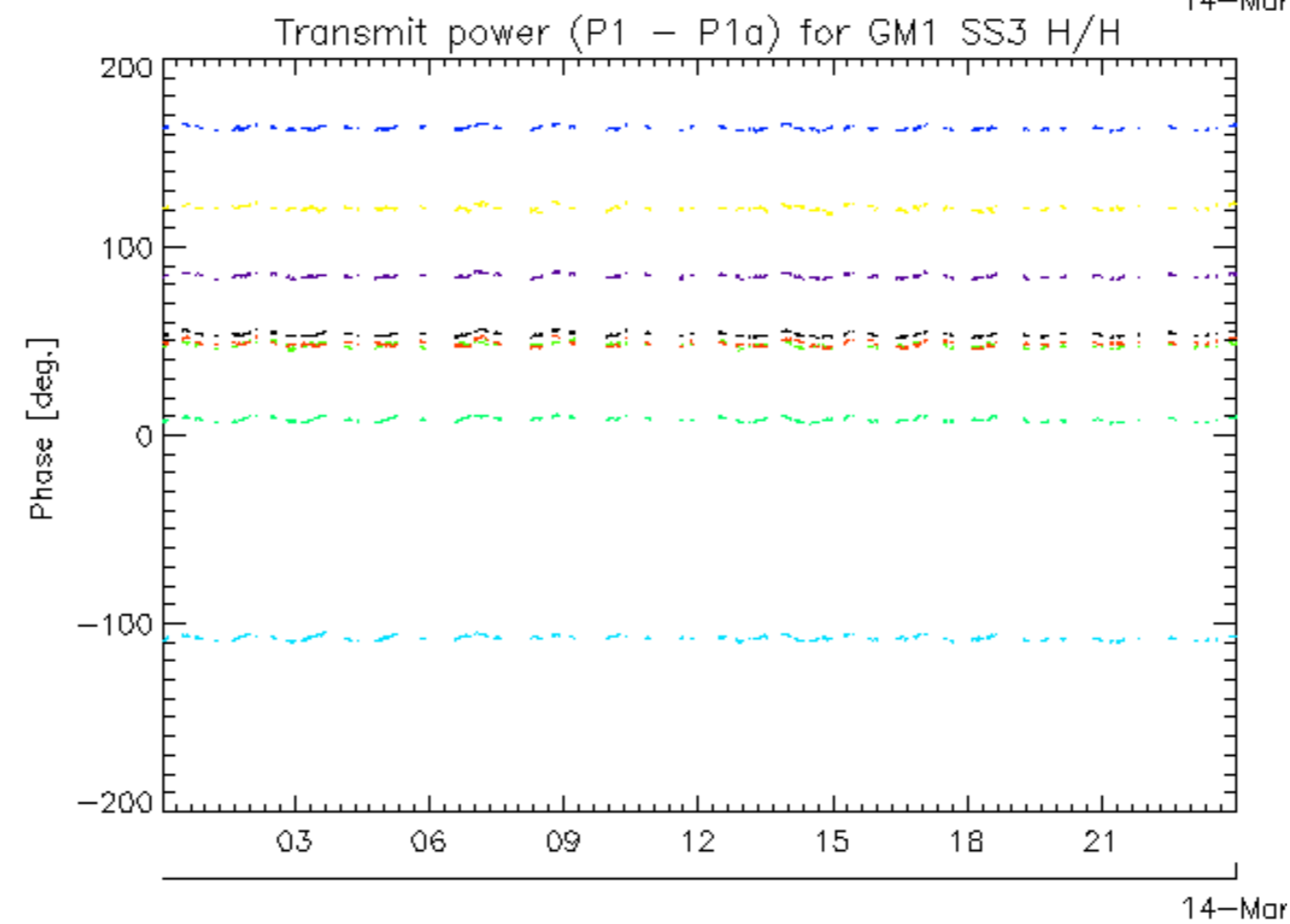
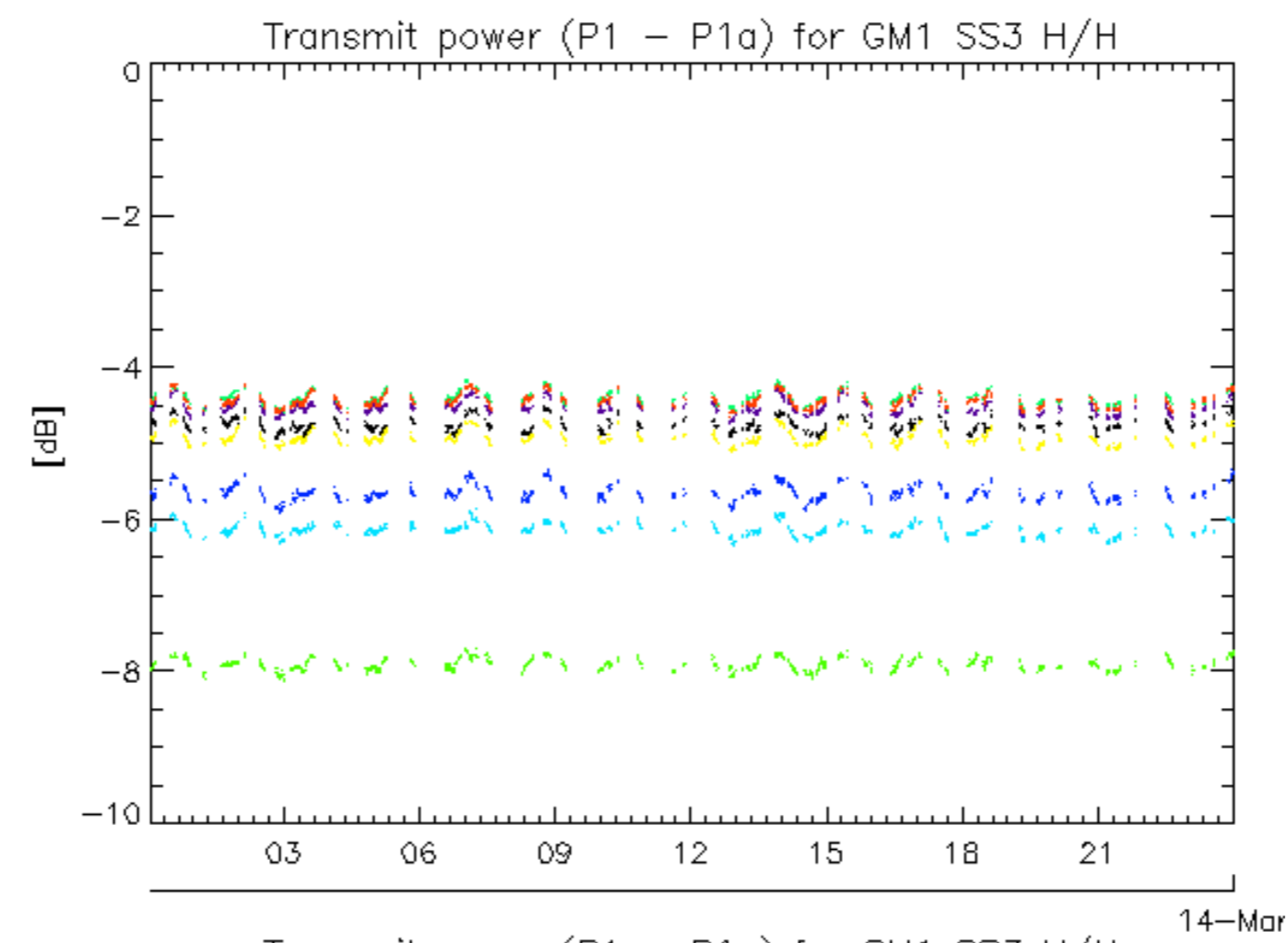




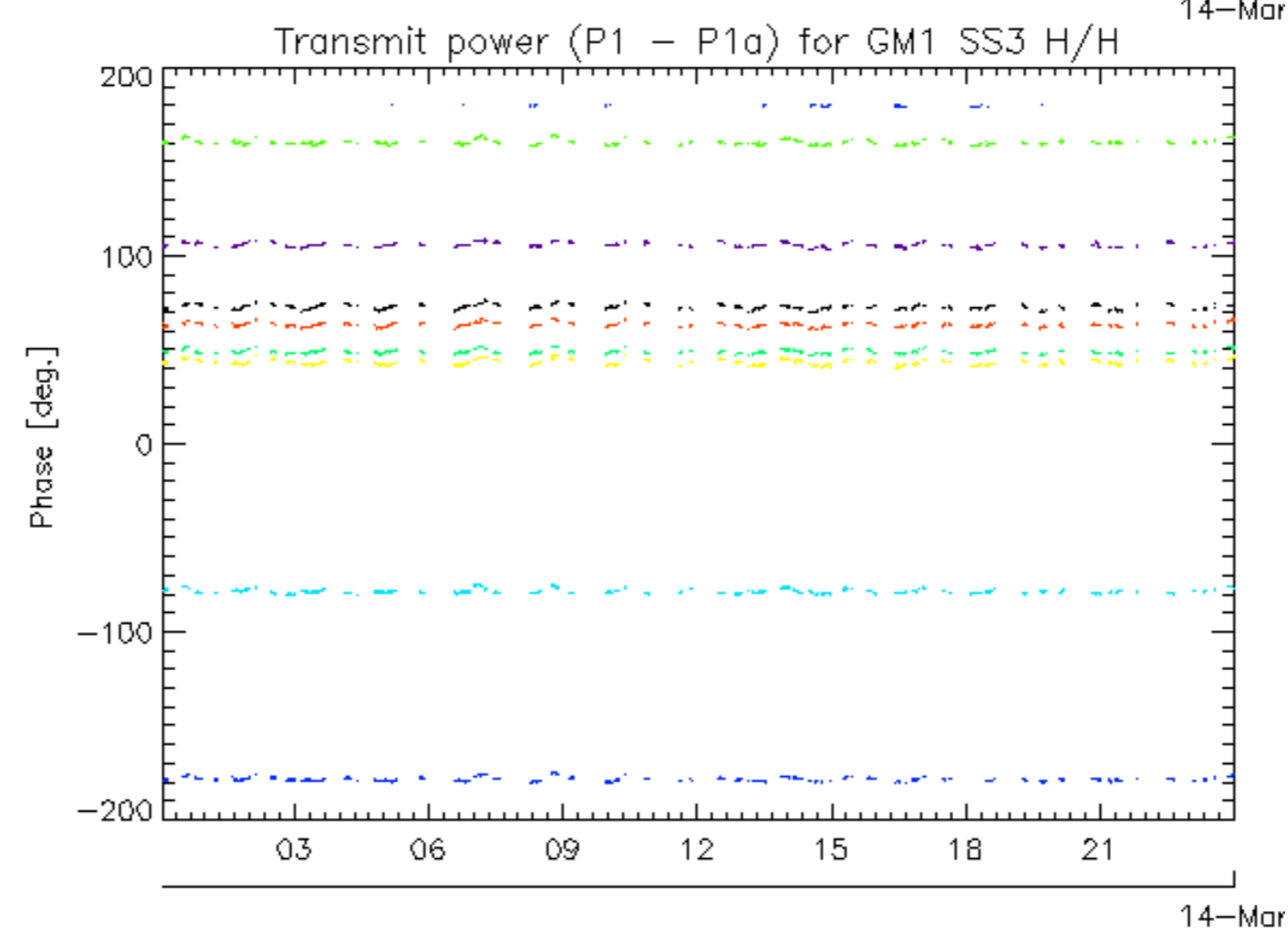
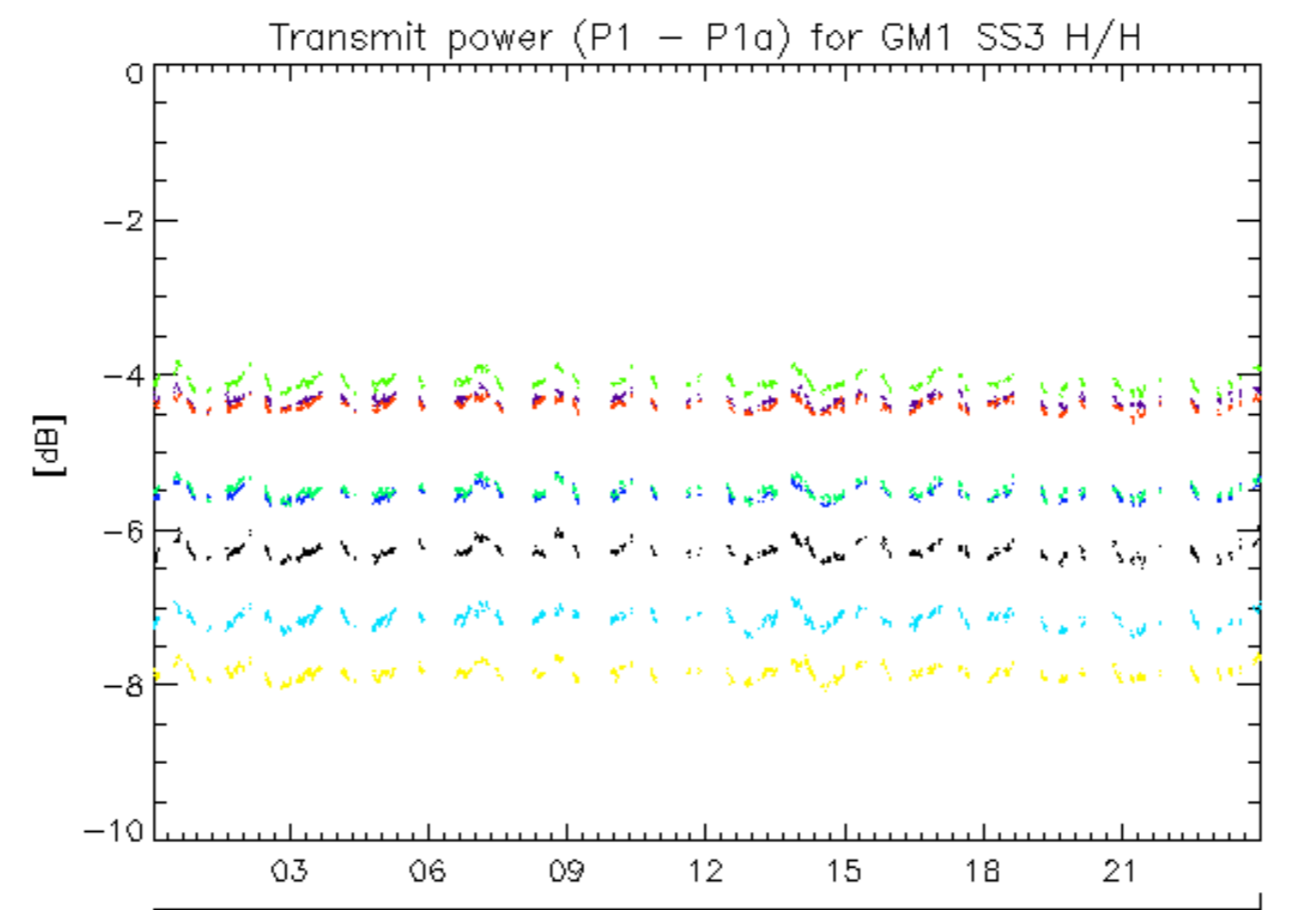
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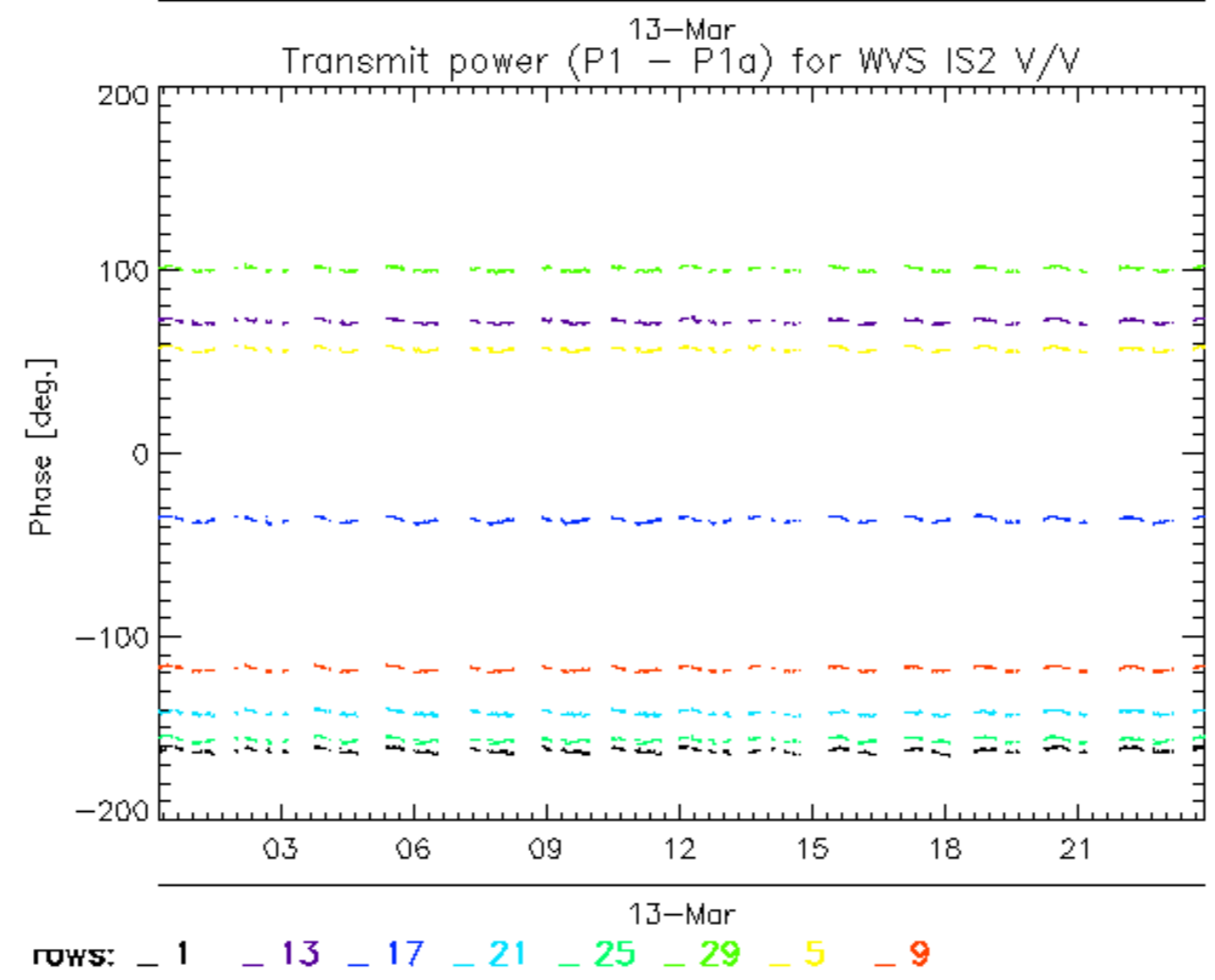
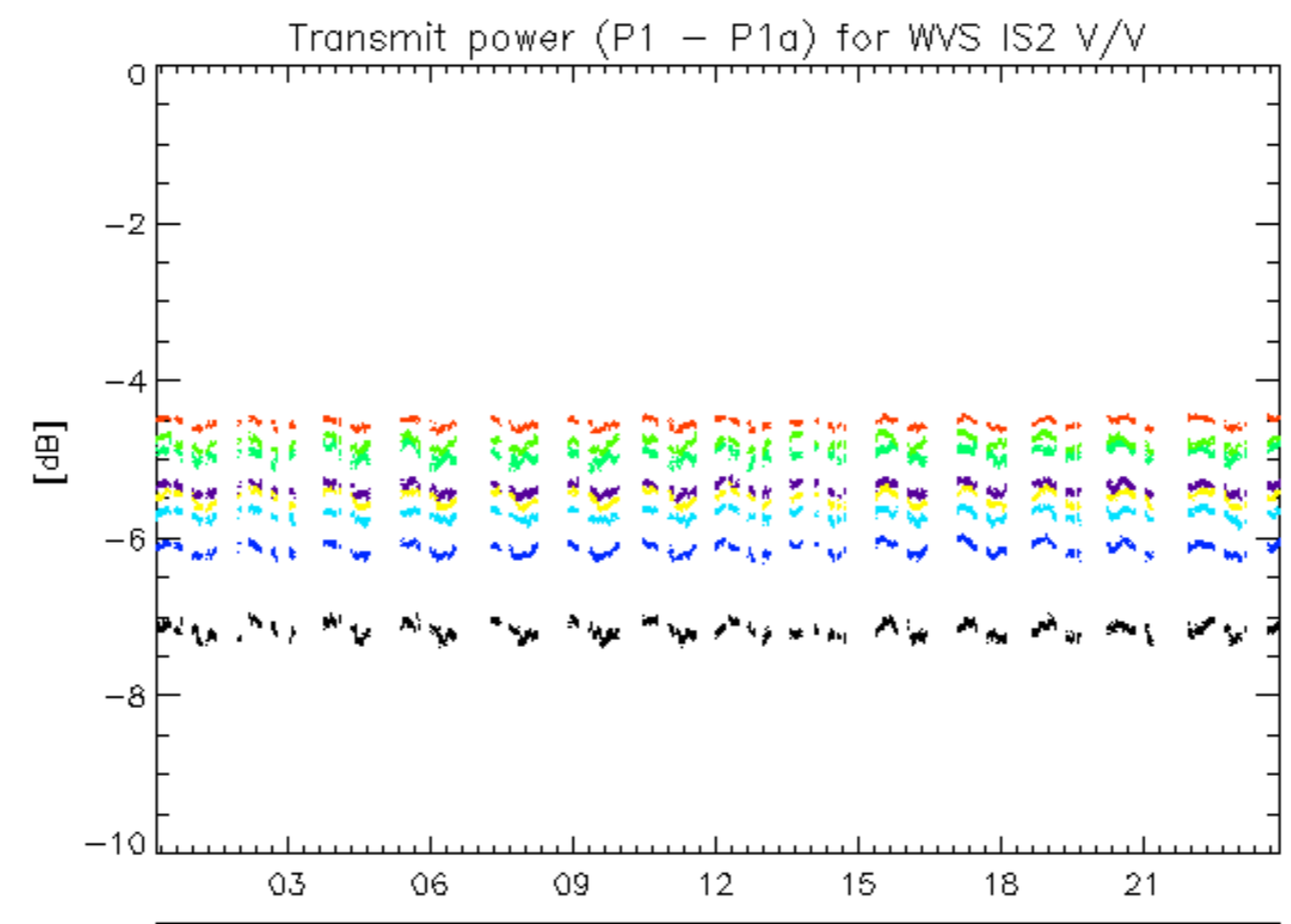
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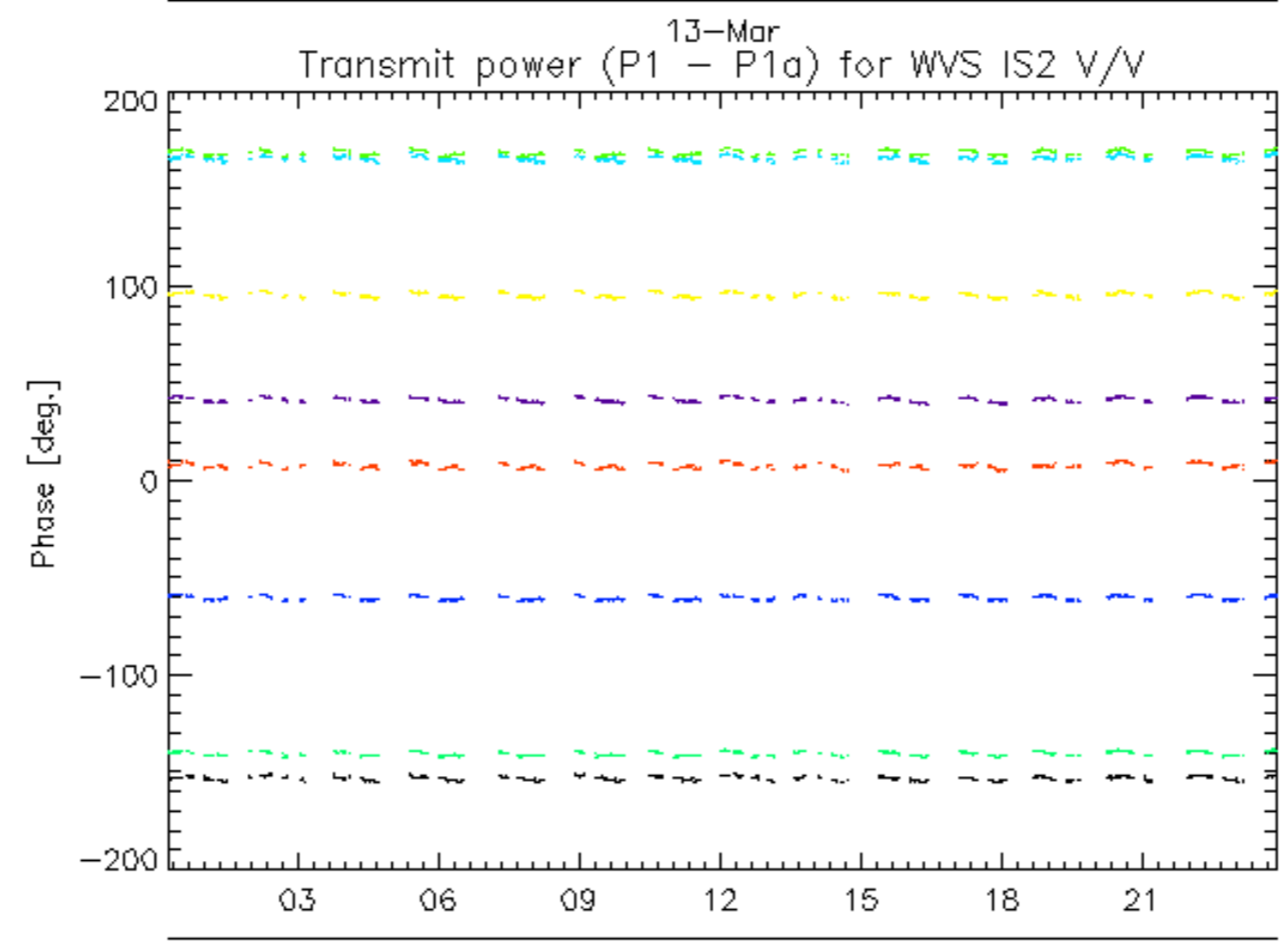
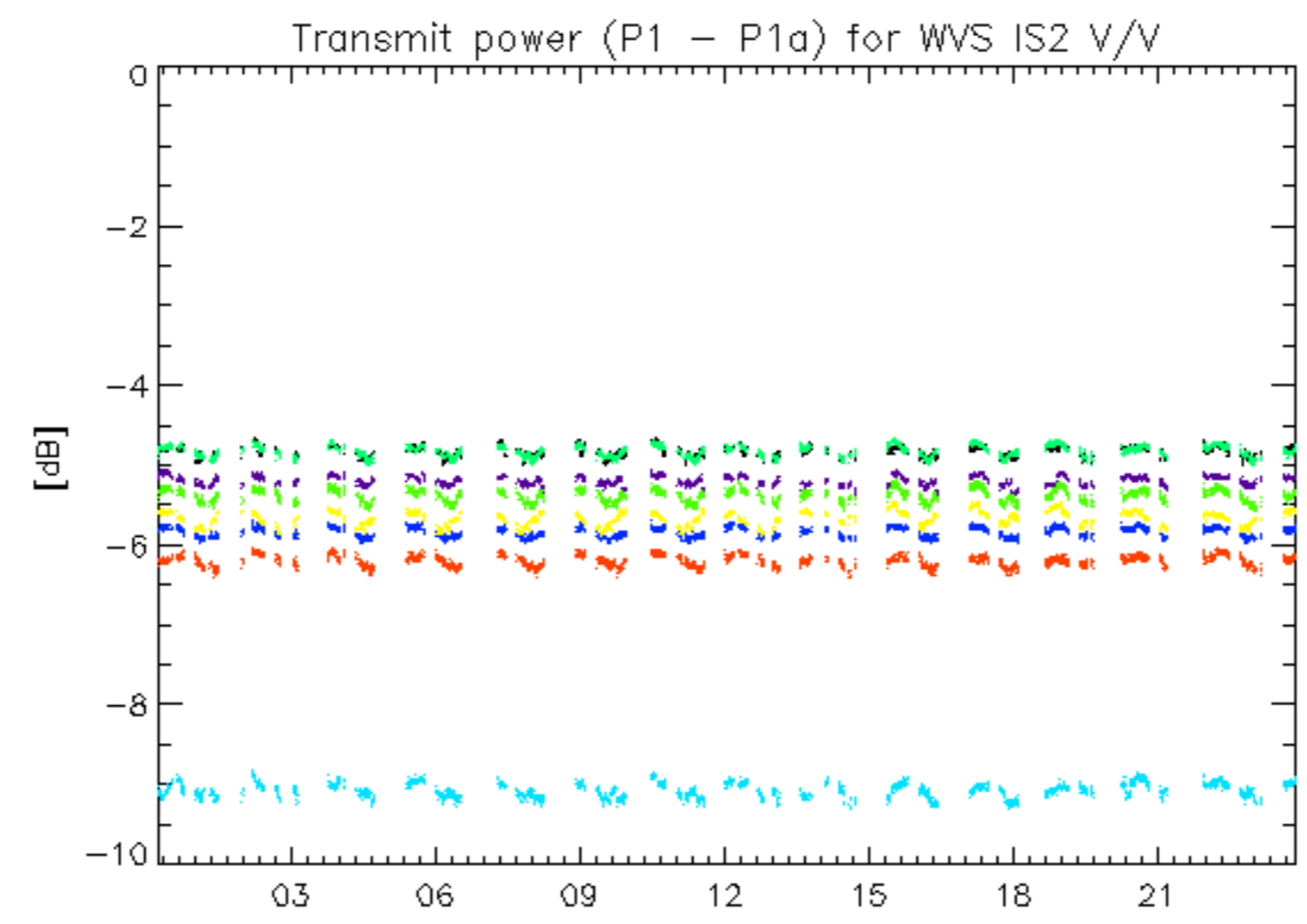


rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7

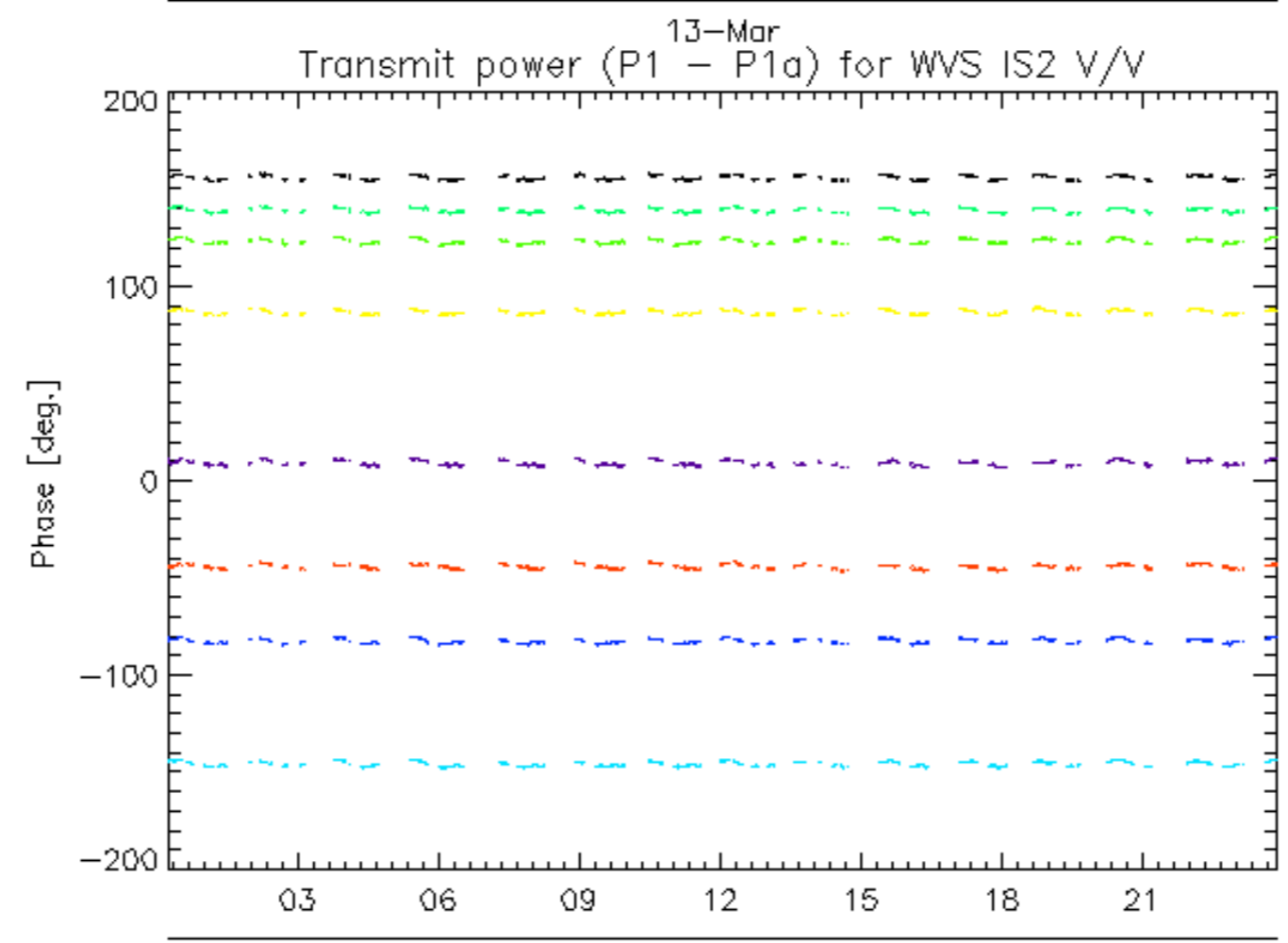
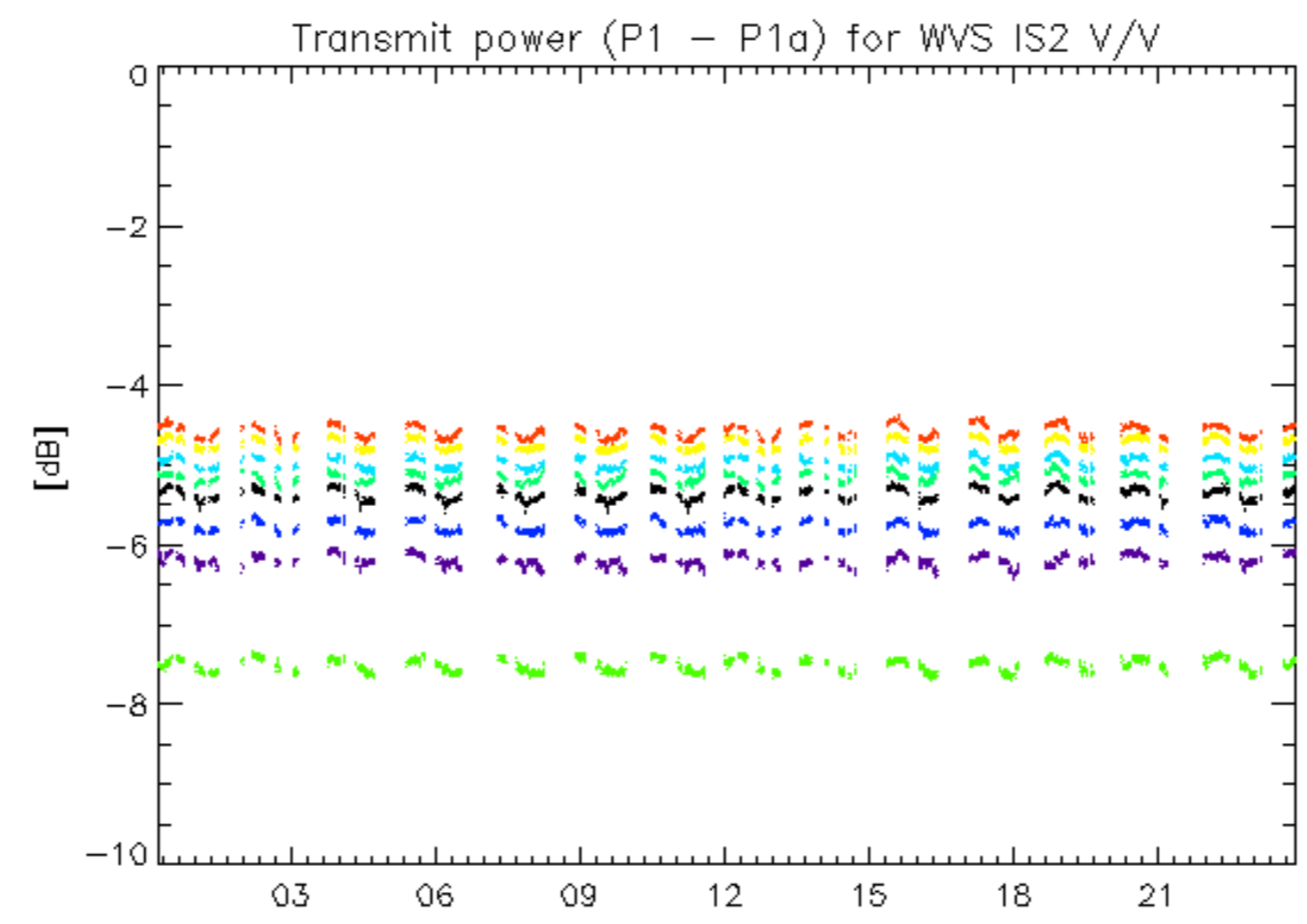


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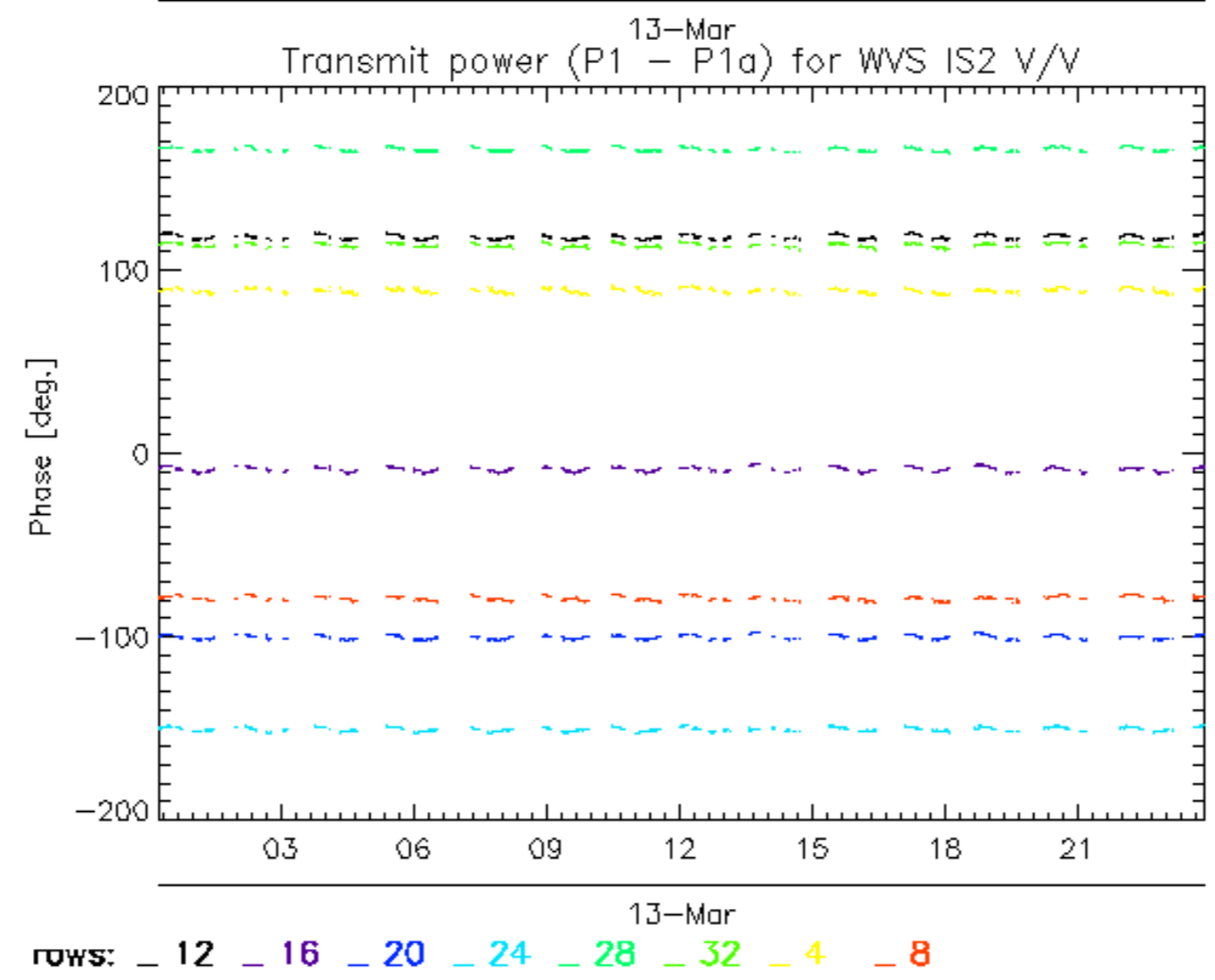
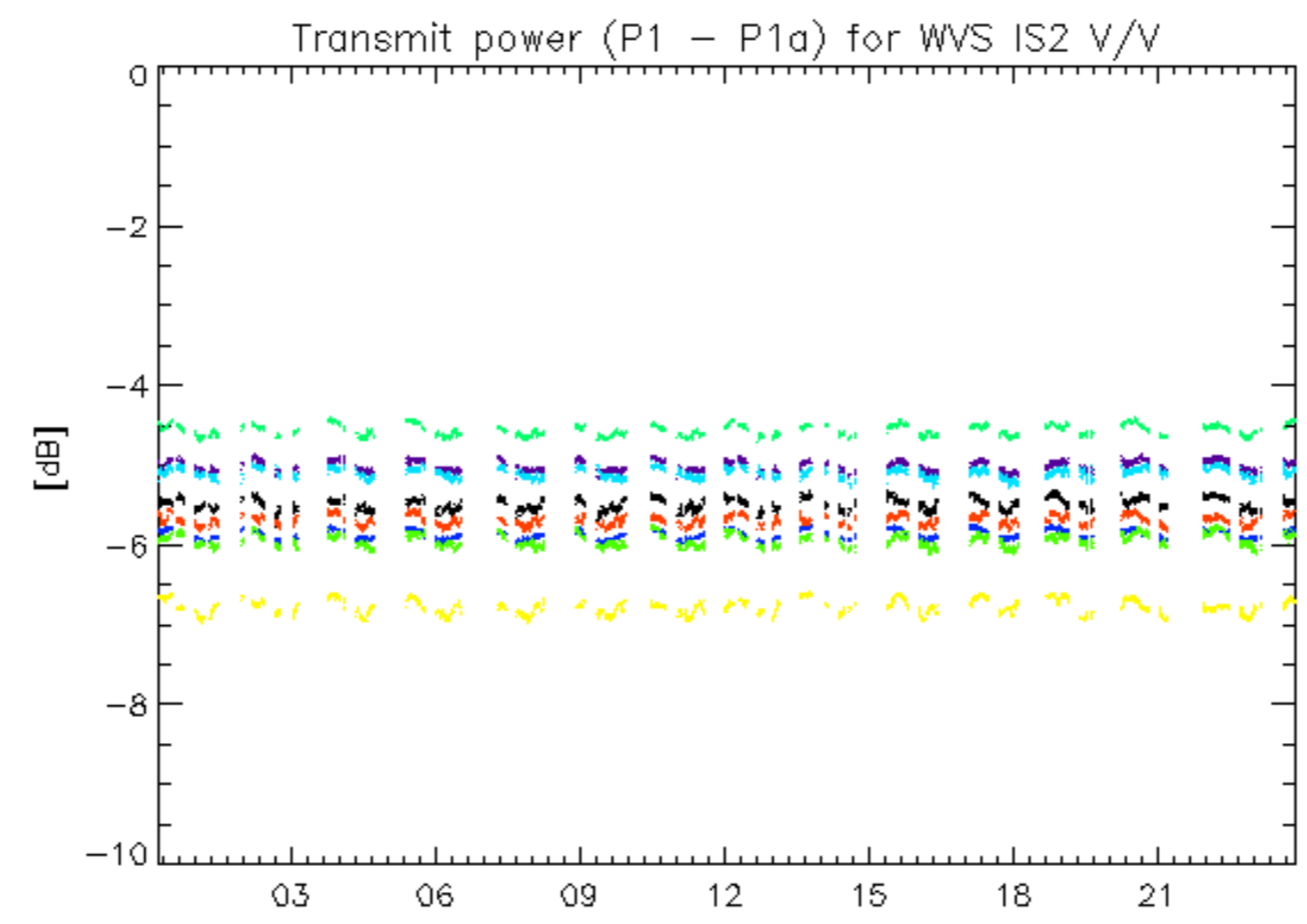


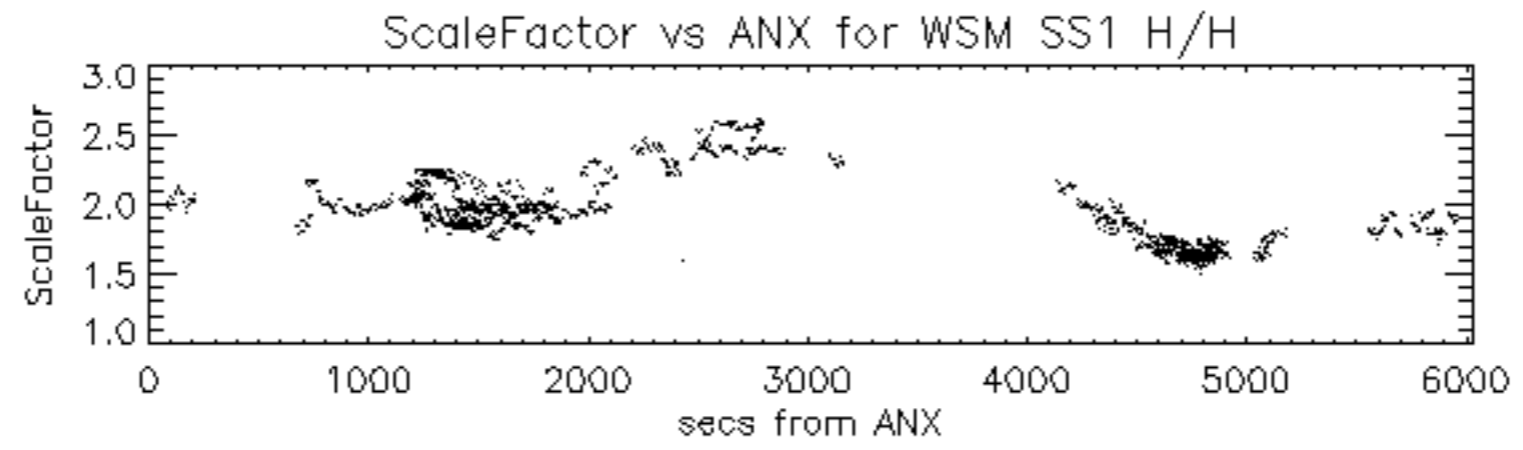


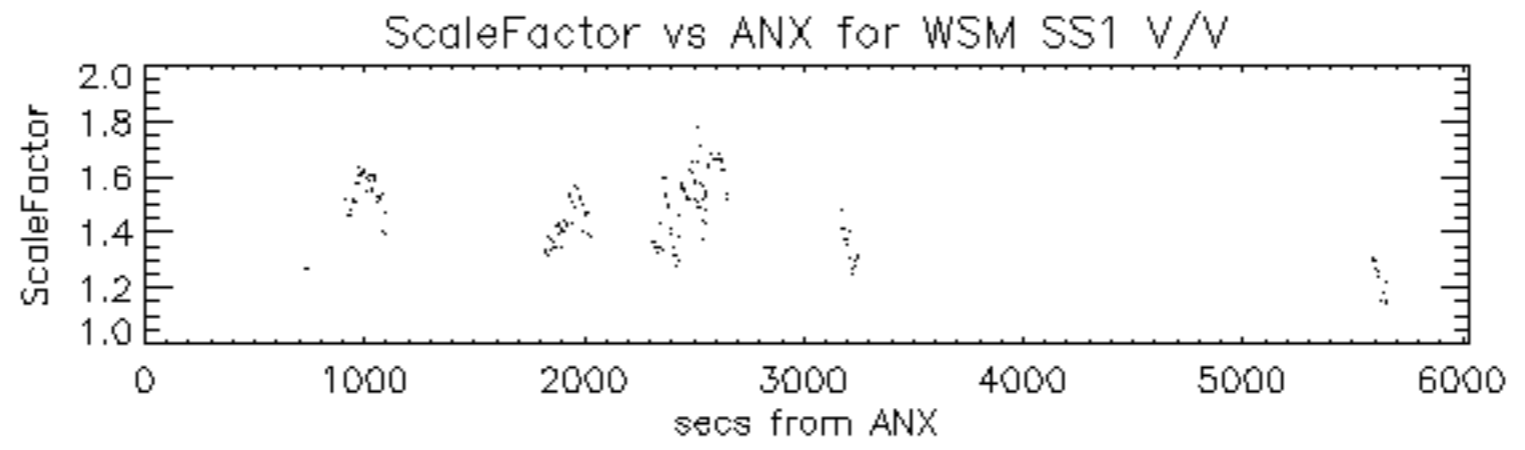
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rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

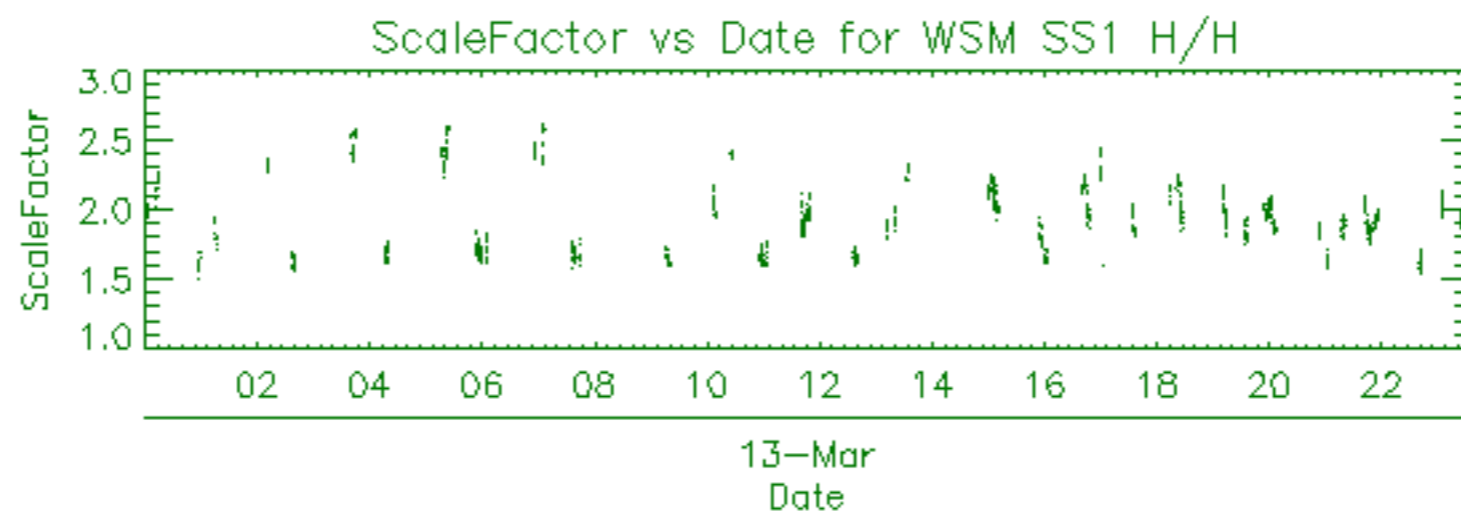


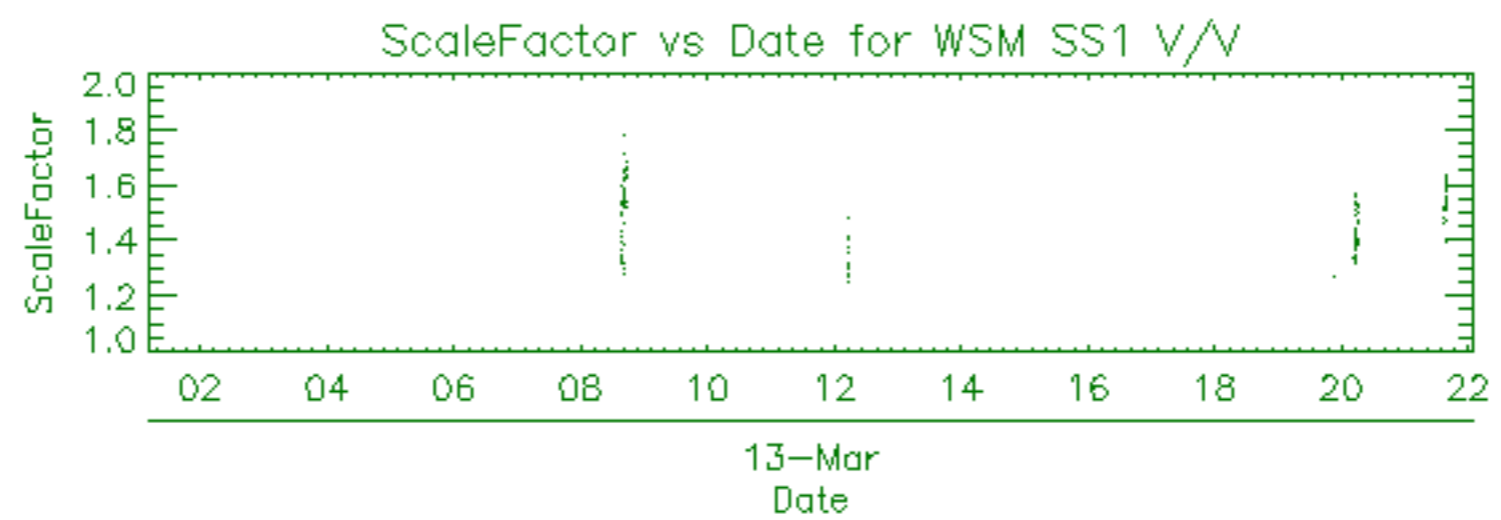
13-Mar
rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7











Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120313_020121_000000813112_00319_52488_1619.N1						IS4	H/H	112	52488	319	5.04
ASA_APM_1PNPDE20120313_020312_000000973112_00319_52488_1622.N1						IS2	H/V	112	52488	319	5.04
ASA_APM_1PNPDE20120313_020857_000000443112_00319_52488_1621.N1						IS4	V/H	112	52488	319	5.04
ASA_APM_1PNPDE20120313_044307_000002563112_00321_52490_1676.N1						IS1	V/H	112	52490	321	5.04
ASA_APM_1PNPDE20120313_101435_000000483112_00324_52493_1796.N1						IS1	H/H	112	52493	324	5.04
ASA_APM_1PNPDE20120313_134858_000000743112_00326_52495_1896.N1						IS1	V/H	112	52495	326	5.04
ASA_APM_1PNPDE20120313_144403_000000823112_00327_52496_1897.N1						IS2	H/H	112	52496	327	5.04
ASA_APM_1PNPDE20120313_165557_000000443112_00328_52497_1912.N1						IS4	H/H	112	52497	328	5.04
ASA_APM_1PNPDE20120313_183500_000000443112_00329_52498_1919.N1						IS4	H/H	112	52498	329	5.04
ASA_APM_1PNPDK20120313_213520_000000473112_00331_52500_8111.N1						IS6	H/H	112	52500	331	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120313_000339_000004713112_00318_52487_1590.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_002912_000001083112_00318_52487_1589.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_003243_000002953112_00318_52487_1592.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_004654_000005863112_00318_52487_1594.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_011300_000000963112_00318_52487_1616.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_011638_000000783112_00318_52487_1617.N1						SS1	H/H	112	52487	318	5.04
ASA_GM1_1PNPDE20120313_013728_000012333112_00319_52488_1630.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_015958_000000783112_00319_52488_1629.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_020727_000000843112_00319_52488_1628.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_022706_000005613112_00319_52488_1631.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_024910_000004043112_00319_52488_1636.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_025718_000002653112_00319_52488_1634.N1						SS1	H/H	112	52488	319	5.04
ASA_GM1_1PNPDE20120313_030758_000001143112_00320_52489_1633.N1						SS1	H/H	112	52489	320	5.04
ASA_GM1_1PNPDE20120313_031156_000016923112_00320_52489_1641.N1						SS1	H/H	112	52489	320	5.04
ASA_GM1_1PNPDE20120313_040722_000004713112_00320_52489_1680.N1						SS1	H/H	112	52489	320	5.04
ASA_GM1_1PNPDE20120313_042254_000000663112_00320_52489_1681.N1						SS1	H/H	112	52489	320	5.04
ASA_GM1_1PNPDE20120313_044744_000017583112_00321_52490_1683.N1						SS1	H/H	112	52490	321	5.04
ASA_GM1_1PNPDE20120313_054736_000003563112_00321_52490_1736.N1						SS1	H/H	112	52490	321	5.04
ASA_GM1_1PNPDE20120313_063440_000012753112_00322_52491_1745.N1						SS1	H/H	112	52491	322	5.04
ASA_GM1_1PNPDE20120313_070016_000002413112_00322_52491_1744.N1						SS1	H/H	112	52491	322	5.04
ASA_GM1_1PNPDE20120313_070616_000003263112_00322_52491_1743.N1						SS1	H/H	112	52491	322	5.04
ASA_GM1_1PNPDE20120313_071347_000002113112_00322_52491_1741.N1						SS1	H/H	112	52491	322	5.04
ASA_GM1_1PNPDK20120313_072750_000004773112_00322_52491_7817.N1						SS1	H/H	112	52491	322	5.04
ASA_GM1_1PNPDK20120313_081529_000007253112_00323_52492_7819.N1						SS1	H/H	112	52492	323	5.04
ASA_GM1_1PNPDK20120313_082638_000002653112_00323_52492_7852.N1						SS1	H/H	112	52492	323	5.04
ASA_GM1_1PNPDK20120313_084403_000006283112_00323_52492_7853.N1						SS1	H/H	112	52492	323	5.04
ASA_GM1_1PNPDK20120313_090803_000004593112_00323_52492_7855.N1						SS1	H/H	112	52492	323	5.04
ASA_GM1_1PNPDK20120313_095648_000005553112_00324_52493_7857.N1						SS1	H/H	112	52493	324	5.04
ASA_GM1_1PNPDK20120313_100940_000002953112_00324_52493_7877.N1						SS1	H/H	112	52493	324	5.04
ASA_GM1_1PNPDK20120313_102300_000001143112_00324_52493_7878.N1						SS1	H/H	112	52493	324	5.04
ASA_GM1_1PNPDK20120313_104817_000004653112_00324_52493_7882.N1						SS1	H/H	112	52493	324	5.04
ASA_GM1_1PNPDK20120313_113621_000002173112_00325_52494_7884.N1						SS1	H/H	112	52494	325	5.04
ASA_GM1_1PNPDK20120313_115056_000000783112_00325_52494_7929.N1						SS1	H/H	112	52494	325	5.04
ASA_GM1_1PNPDK20120313_122830_000004473112_00325_52494_7930.N1						SS1	H/H	112	52494	325	5.04
ASA_GM1_1PNPDK20120313_125033_000005313112_00325_52494_7933.N1						SS1	H/H	112	52494	325	5.04
ASA_GM1_1PNPDK20120313_130843_000000663112_00326_52495_7934.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_131252_000004343112_00326_52495_7935.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_132207_000002053112_00326_52495_7936.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_132422_000005073112_00326_52495_7982.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_135030_000005433112_00326_52495_7983.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_135938_000003383112_00326_52495_7985.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_140843_000007793112_00326_52495_7988.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_143035_000002473112_00326_52495_7987.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_143713_000002773112_00326_52495_7991.N1						SS1	H/H	112	52495	326	5.04
ASA_GM1_1PNPDK20120313_144611_000008523112_00327_52496_7993.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_151432_000001813112_00327_52496_8018.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_151821_000001873112_00327_52496_8020.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_152645_000000663112_00327_52496_8021.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_154858_000003143112_00327_52496_8022.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_155729_000001573112_00327_52496_8025.N1						SS1	H/H	112	52496	327	5.04
ASA_GM1_1PNPDK20120313_162545_000001143112_00328_52497_8024.N1						SS1	H/H	112	52497	328	5.04
ASA_GM1_1PNPDK20120313_162831_000007253112_00328_52497_8027.N1						SS1	H/H	112	52497	328	5.04
ASA_GM1_1PNPDK20120313_164916_000003983112_00328_52497_8046.N1						SS1	H/H	112	52497	328	5.04
ASA_GM1_1PNPDK20120313_165702_000001203112_00328_52497_8047.N1						SS1	H/H	112	52497	328	5.04
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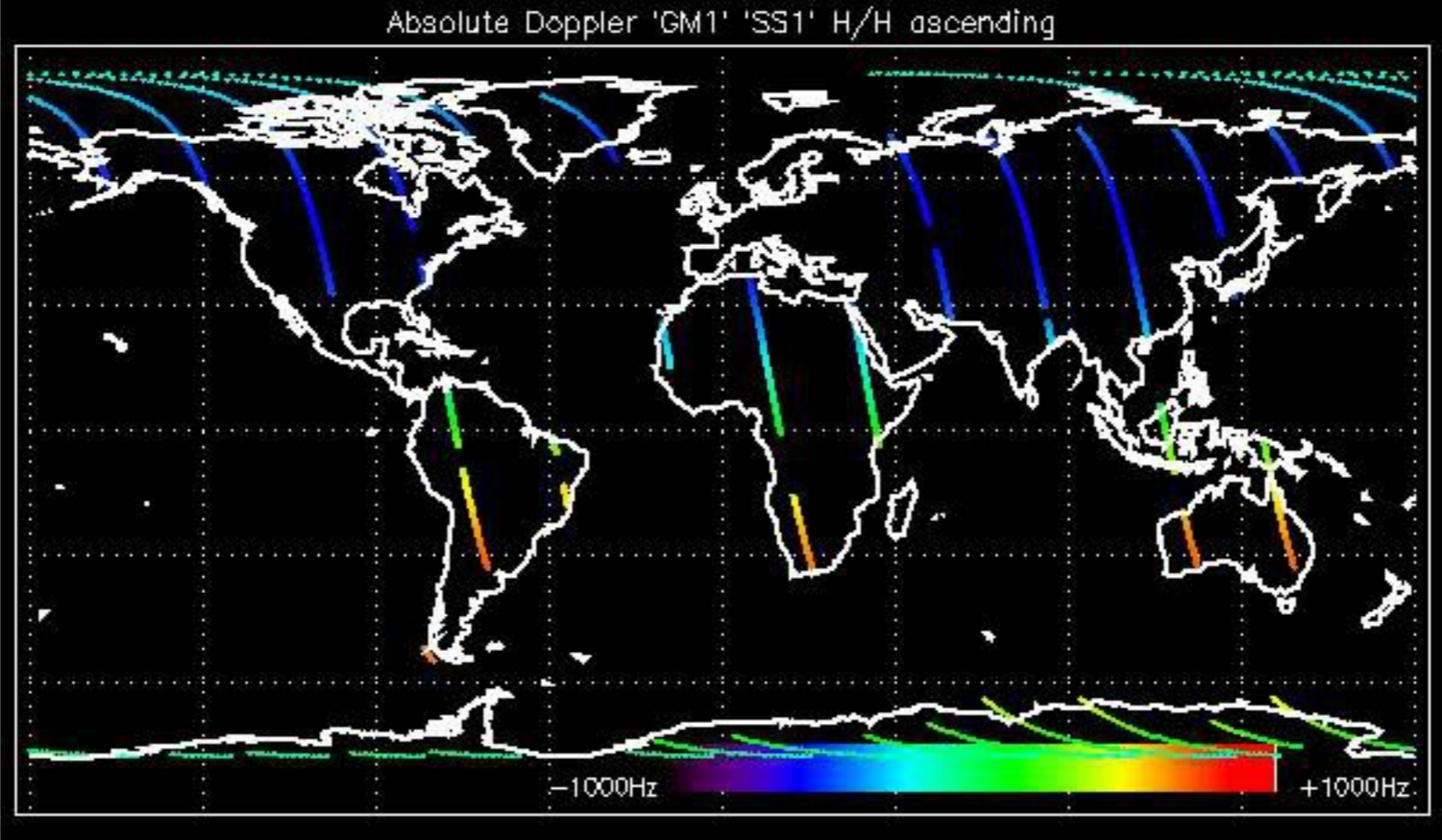
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ASA_GM1_1PNPDE20120313_222955_000005863112_00331_52500_1955.N1	SS1	H/H	112	52500	331	5.04
ASA_GM1_1PNPDE20120313_230527_000001873112_00332_52501_1972.N1	SS1	H/H	112	52501	332	5.04
ASA_GM1_1PNPDE20120313_231920_000002773112_00332_52501_1973.N1	SS1	H/H	112	52501	332	5.04
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ASA_GM1_1PNPDE20120313_235213_000001383112_00332_52501_1976.N1	SS1	H/H	112	52501	332	5.04
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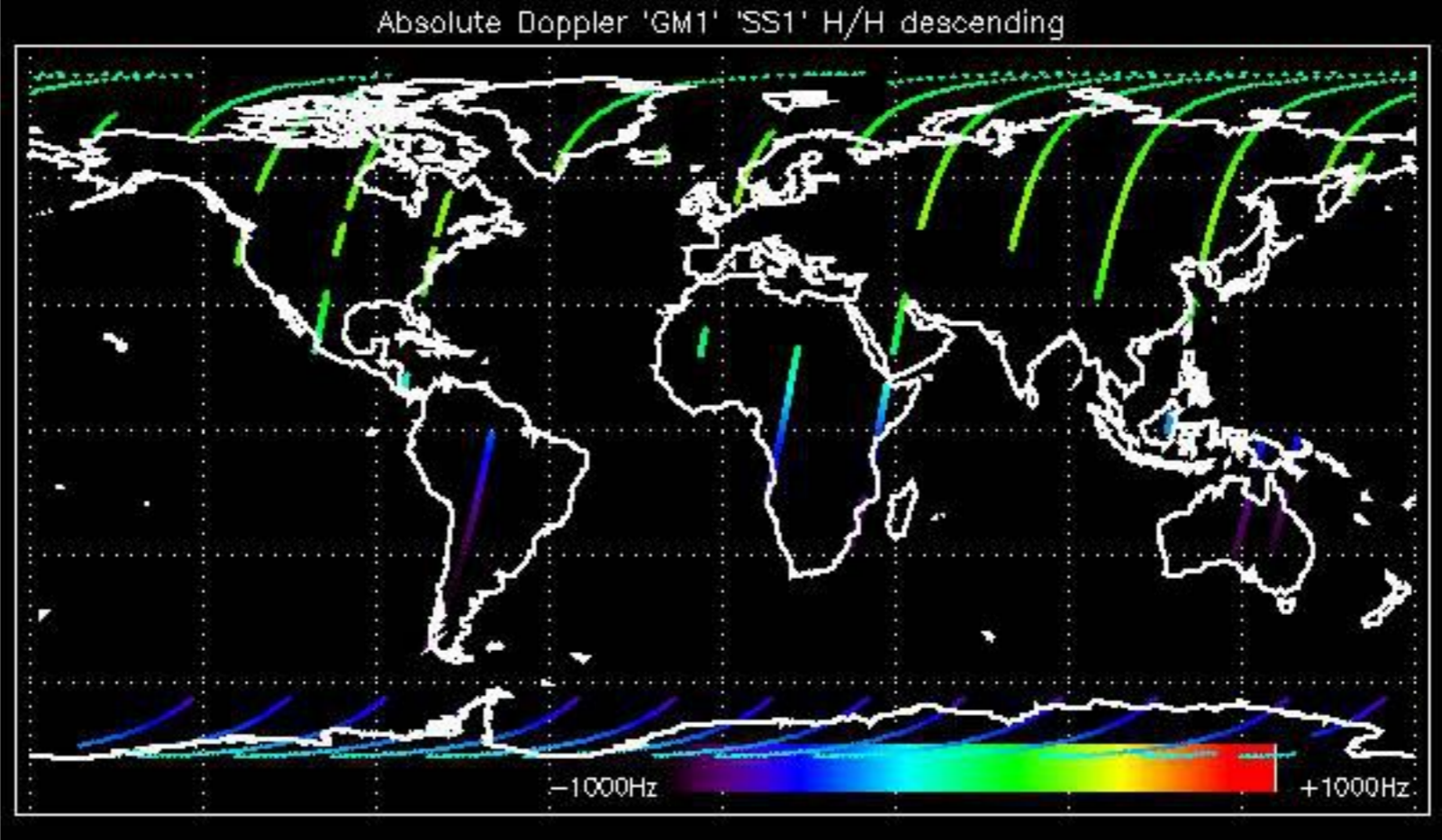
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ASA_IMM_1PNPDE20120313_025552_000000763112_00319_52488_1626.N1						IS5	V/V	112	52488	319	5.04
ASA_IMM_1PNPDE20120313_065811_000001123112_00322_52491_1729.N1						IS6	H/H	112	52491	322	5.04
ASA_IMM_1PNPDE20120313_071140_000001173112_00322_52491_1732.N1						IS2	V/V	112	52491	322	5.04
ASA_IMM_1PNPDK20120313_101537_000000943112_00324_52493_7866.N1						IS6	H/H	112	52493	324	5.04
ASA_IMM_1PNPDE20120313_101633_000003753112_00324_52493_1798.N1						IS6	H/H	112	52493	324	5.04
ASA_IMM_1PNPDE20120313_110815_000000523112_00324_52493_1832.N1						IS6	H/H	112	52493	324	5.04
ASA_IMM_1PNPDK20120313_124947_000000383112_00325_52494_7954.N1						IS5	H/H	112	52494	325	5.04
ASA_IMM_1PNPDE20120313_151732_000000383112_00327_52496_1899.N1						IS5	H/H	112	52496	327	5.04
ASA_IMM_1PNPDE20120313_162743_000000373112_00328_52497_1903.N1						IS7	V/V	112	52497	328	5.04
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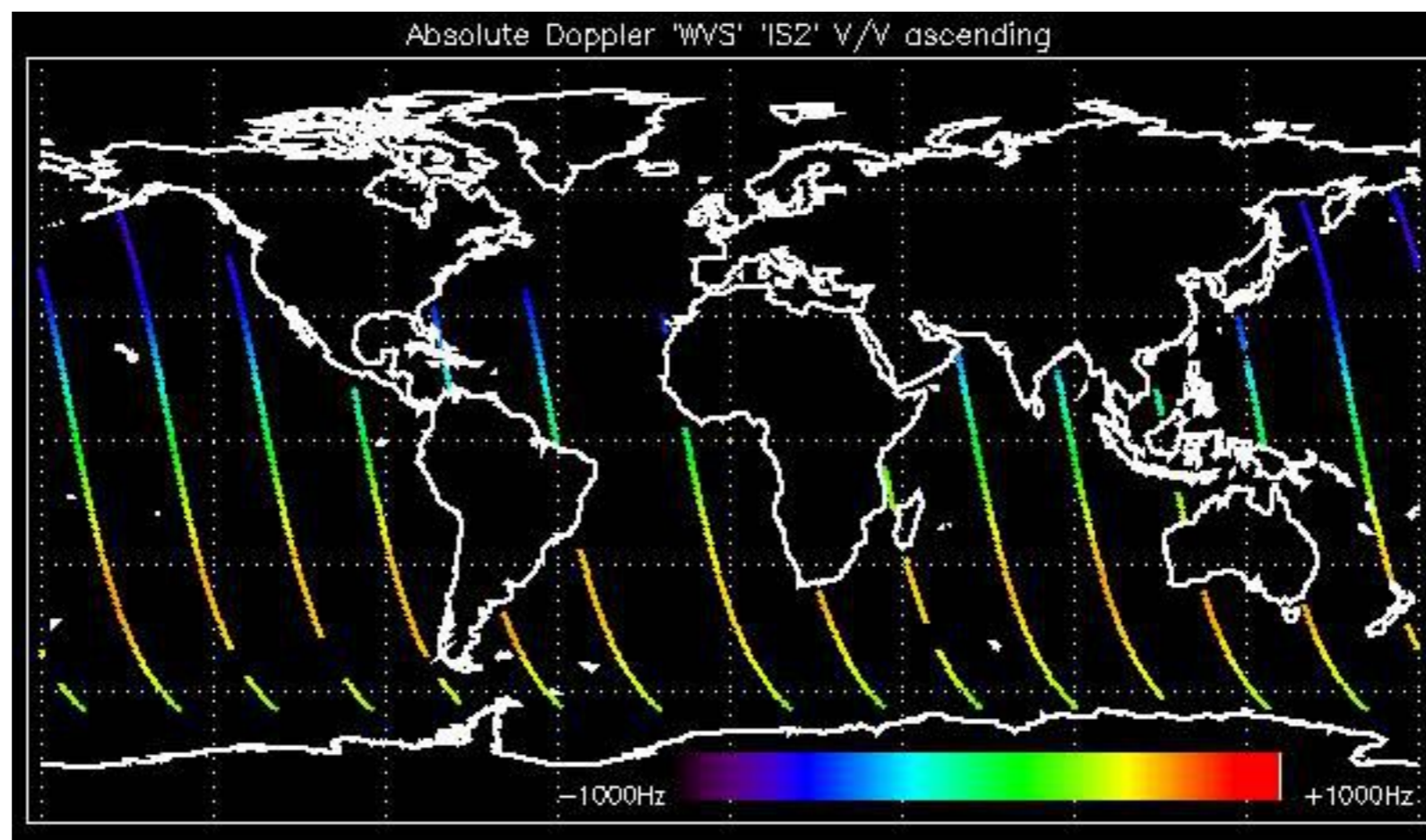
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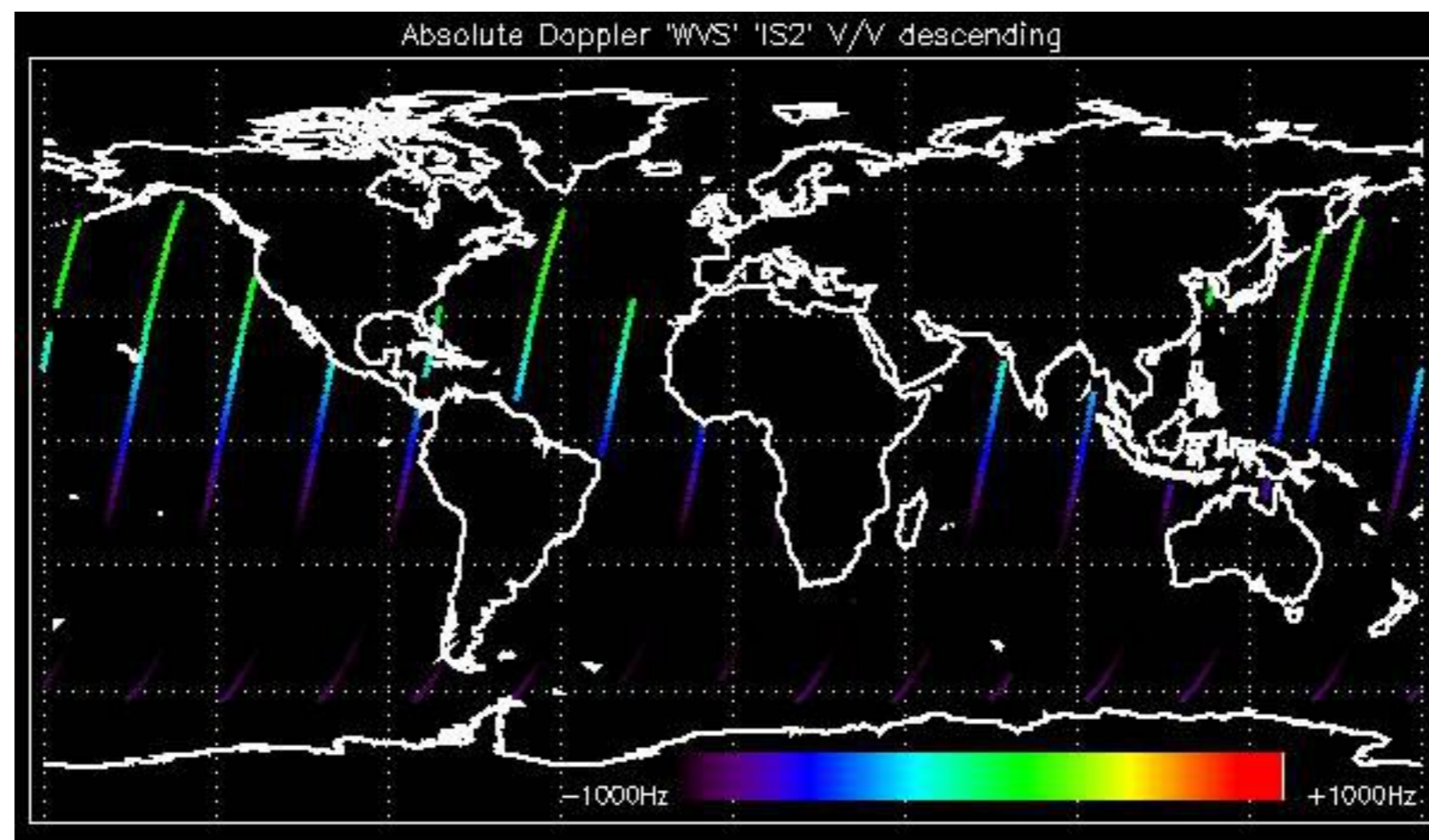
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ASA_WSM_1PNPDE20120313_001135_000001533112_00318_52487_1584.N1						SS1	H/H	112	52487	318	5.04
ASA_WSM_1PNPDE20120313_005640_000001533112_00318_52487_1585.N1						SS1	H/H	112	52487	318	5.04
ASA_WSM_1PNPDE20120313_011123_000000923112_00318_52487_1602.N1						SS1	V/V	112	52487	318	5.04
ASA_WSM_1PNPDE20120313_011443_000001103112_00318_52487_1603.N1						SS1	H/H	112	52487	318	5.04
ASA_WSM_1PNPDE20120313_021006_000000923112_00319_52488_1623.N1						SS1	H/H	112	52488	319	5.04
ASA_WSM_1PNPDE20120313_023632_000002203112_00319_52488_1624.N1						SS1	H/H	112	52488	319	5.04
ASA_WSM_1PNPDE20120313_034012_000003123112_00320_52489_1620.N1						SS1	H/H	112	52489	320	5.04
ASA_WSM_1PNPDE20120313_041516_000003303112_00320_52489_1675.N1						SS1	H/H	112	52489	320	5.04
ASA_WSM_1PNPDE20120313_051707_000001353112_00321_52490_1660.N1						SS1	H/H	112	52490	321	5.04
ASA_WSM_1PNPDE20120313_052003_000002263112_00321_52490_1665.N1						SS1	H/H	112	52490	321	5.04
ASA_WSM_1PNPDE20120313_055335_000003923112_00321_52490_1726.N1						SS1	H/H	112	52490	321	5.04
ASA_WSM_1PNPDE20120313_060309_000001533112_00321_52490_1728.N1						SS1	H/H	112	52490	321	5.04
ASA_WSM_1PNPDE20120313_065556_000000923112_00322_52491_1727.N1						SS1	H/H	112	52491	322	5.04
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ASA_WSM_1PNPDK20120313_073548_000002753112_00322_52491_7836.N1						SS1	H/H	112	52491	322	5.04
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ASA_WSM_1PNPDE20120313_083758_000003613112_00323_52492_1773.N1						SS1	V/V	112	52492	323	5.04
ASA_WSM_1PNPDK20120313_091543_000002693112_00323_52492_7862.N1						SS1	H/H	112	52492	323	5.04
ASA_WSM_1PNPDK20120313_100605_000002143112_00324_52493_7861.N1						SS1	H/H	112	52493	324	5.04
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ASA_WSM_1PNPDE20120313_110328_000000923112_00324_52493_1833.N1						SS1	H/H	112	52493	324	5.04
ASA_WSM_1PNPDE20120313_113958_000001103112_00325_52494_1835.N1						SS1	H/H	112	52494	325	5.04
ASA_WSM_1PNPDE20120313_114234_000003493112_00325_52494_1821.N1						SS1	H/H	112	52494	325	5.04
ASA_WSM_1PNPDK20120313_114752_000001773112_00325_52494_7893.N1						SS1	H/H	112	52494	325	5.04
ASA_WSM_1PNPDE20120313_121240_000000923112_00325_52494_1837.N1						SS1	V/V	112	52494	325	5.04
ASA_WSM_1PNPDK20120313_123600_000002883112_00325_52494_7953.N1						SS1	H/H	112	52494	325	5.04
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ASA_WSM_1PNPDE20120313_164435_000002813112_00328_52497_1910.N1						SS1	H/H	112	52497	328	5.04
ASA_WSM_1PNPDE20120313_165910_000001353112_00328_52497_1911.N1						SS1	H/H	112	52497	328	5.04
ASA_WSM_1PNPDE20120313_173325_000001713112_00328_52497_1913.N1						SS1	H/H	112	52497	328	5.04
ASA_WSM_1PNPDE20120313_181243_000000923112_00329_52498_1914.N1						SS1	H/H	112	52498	329	5.04
ASA_WSM_1PNPDK20120313_182032_000004163112_00329_52498_8067.N1						SS1	H/H	112	52498	329	5.04
ASA_WSM_1PNPDE20120313_190938_000003123112_00329_52498_1920.N1						SS1	H/H	112	52498	329	5.04
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ASA_WSM_1PNPDK20120313_195312_000000363112_00330_52499_8073.N1						SS1	V/V	112	52499	330	5.04
ASA_WSM_1PNPDK20120313_195356_000003613112_00330_52499_8083.N1						SS1	H/H	112	52499	330	5.04
ASA_WSM_1PNPDK20120313_200009_000003733112_00330_52499_8096.N1						SS1	H/H	112	52499	330	5.04
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ASA_WSM_1PNPDE20120313_210037_000001283112_00330_52499_1926.N1						SS1	H/H	112	52499	330	5.04
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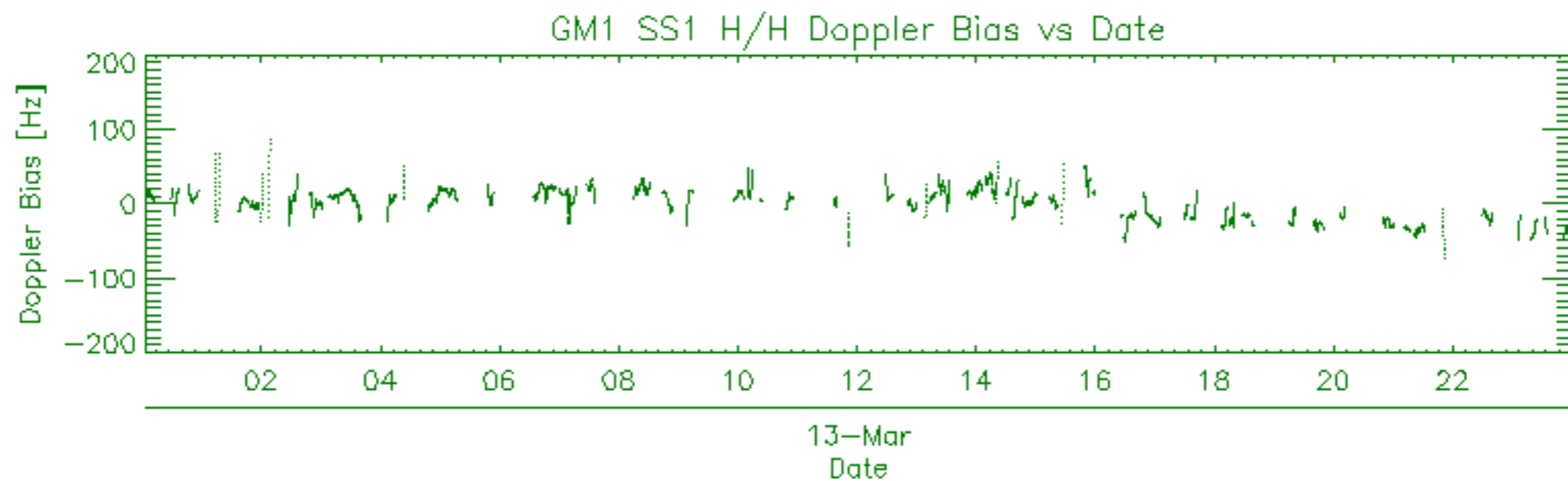
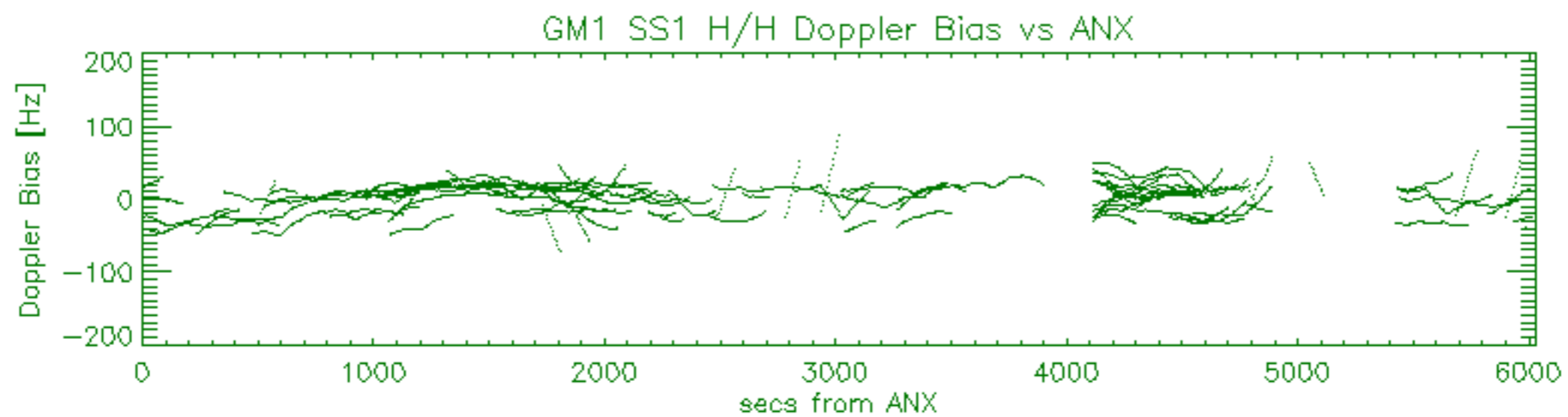
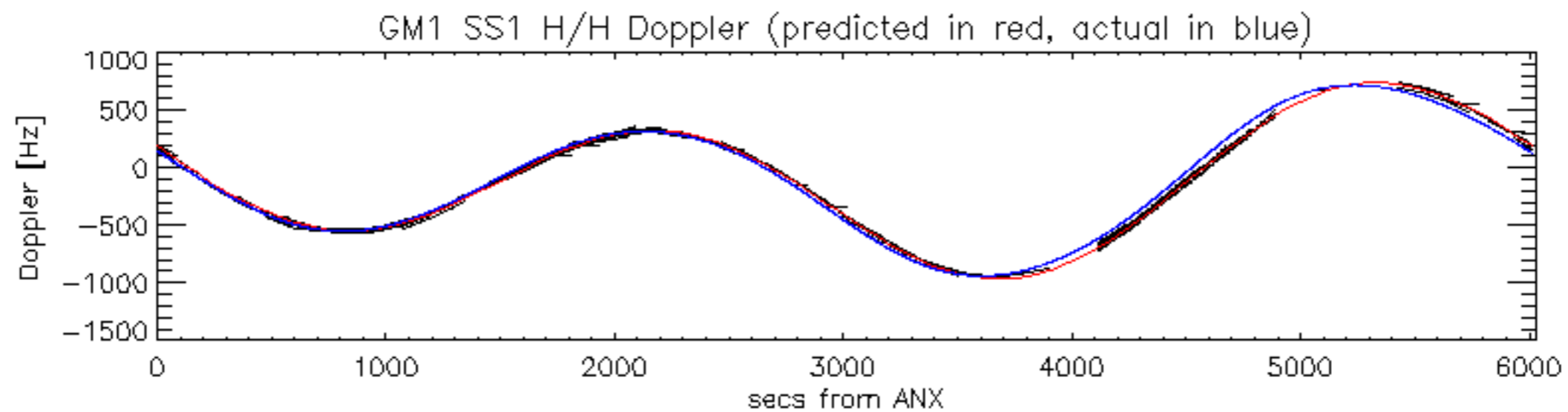
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WVS_1PNPDE20120313_010659_000002253112_00318_52487_1615.N1						IS2	V/V	112	52487	318	5.04
ASA_WVS_1PNPDE20120313_005944_000004793112_00318_52487_1595.N1						IS1	V/V	112	52487	318	5.04
ASA_WVS_1PNPDE20120313_011803_000006143112_00318_52487_1618.N1						IS2	V/V	112	52487	318	5.04
ASA_WVS_1PNPDE20120313_015805_000000743112_00319_52488_1627.N1						IS2	V/V	112	52488	319	5.04
ASA_WVS_1PNPDE20120313_021136_000008853112_00319_52488_1632.N1						IS2	V/V	112	52488	319	5.04
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ASA_WVS_1PNPDE20120313_034536_000006893112_00320_52489_1644.N1						IS2	V/V	112	52489	320	5.04
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ASA_WVS_1PNPDE20120313_042407_000010793112_00320_52489_1682.N1						IS2	V/V	112	52489	320	5.04
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ASA_WVS_1PNPDK20120313_110952_000015443112_00324_52493_7883.N1						IS2	V/V	112	52493	324	5.04
ASA_WVS_1PNPDK20120313_120035_000006143112_00325_52494_7927.N1						IS2	V/V	112	52494	325	5.04
ASA_WVS_1PNPDK20120313_121735_000006153112_00325_52494_7932.N1						IS2	V/V	112	52494	325	5.04
ASA_WVS_1PNPDK20120313_124121_000004353112_00325_52494_7931.N1						IS2	V/V	112	52494	325	5.04
ASA_WVS_1PNPDK20120313_125924_000005213112_00325_52494_7937.N1						IS2	V/V	112	52494	325	5.04
ASA_WVS_1PNPDK20120313_133439_000007643112_00326_52495_7984.N1						IS2	V/V	112	52495	326	5.04
ASA_WVS_1PNPDK20120313_140519_000001653112_00326_52495_7986.N1						IS2	V/V	112	52495	326	5.04
ASA_WVS_1PNPDK20120313_142144_000004803112_00326_52495_7989.N1						IS2	V/V	112	52495	326	5.04
ASA_WVS_1PNPDK20120313_143445_000001043112_00326_52495_7990.N1						IS2	V/V	112	52495	326	5.04
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ASA_WVS_1PNPDK20120313_152133_000002693112_00327_52496_8019.N1						IS2	V/V	112	52496	327	5.04
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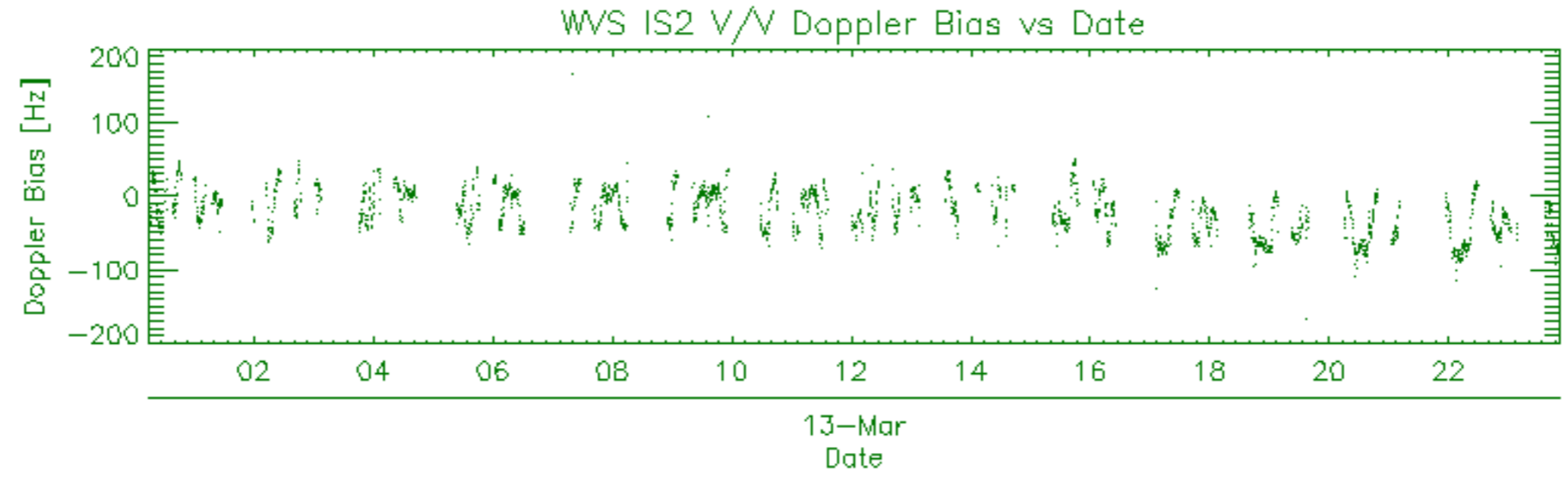
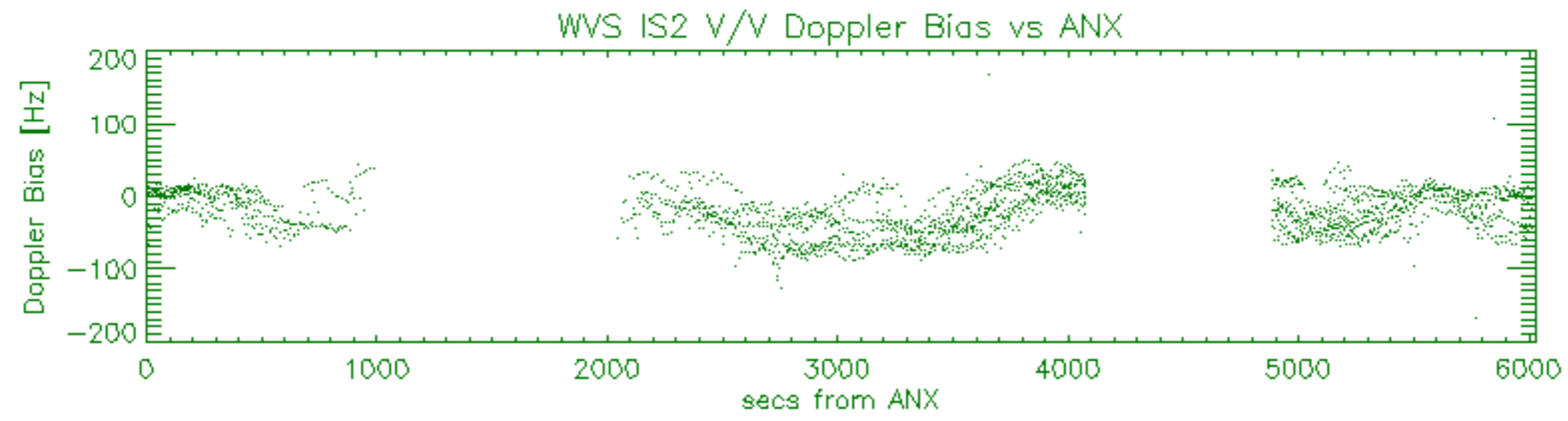
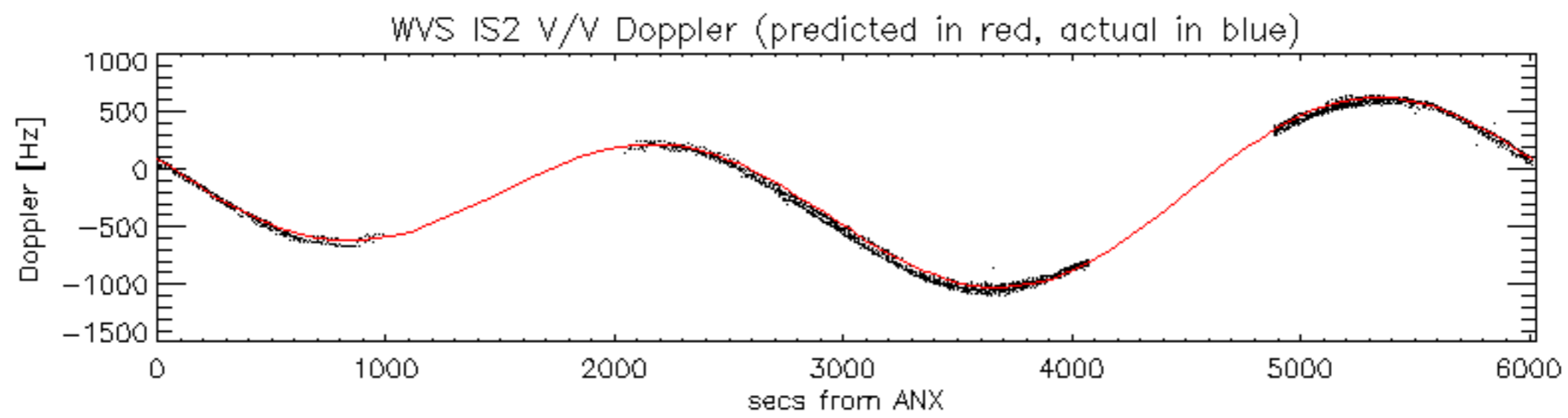


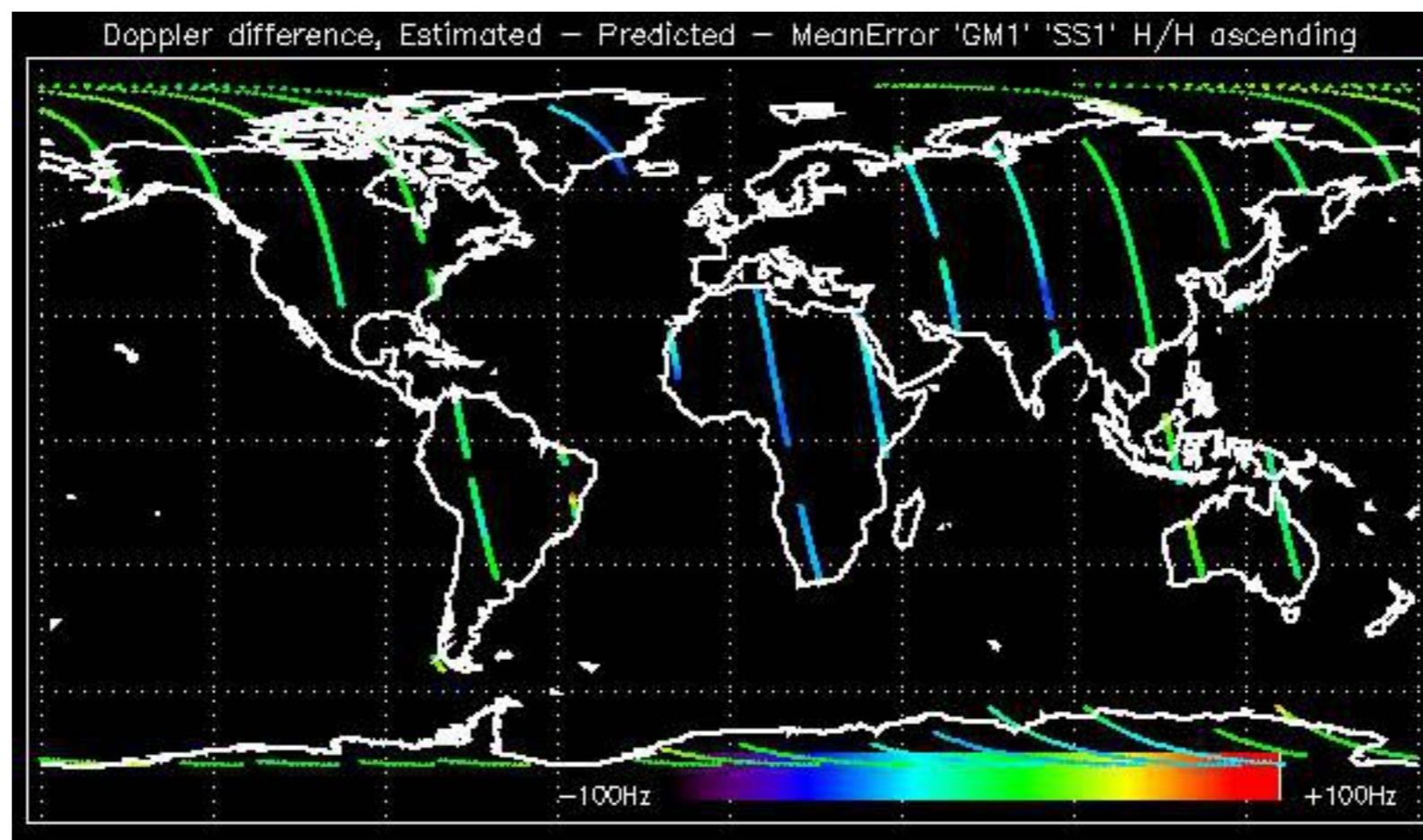


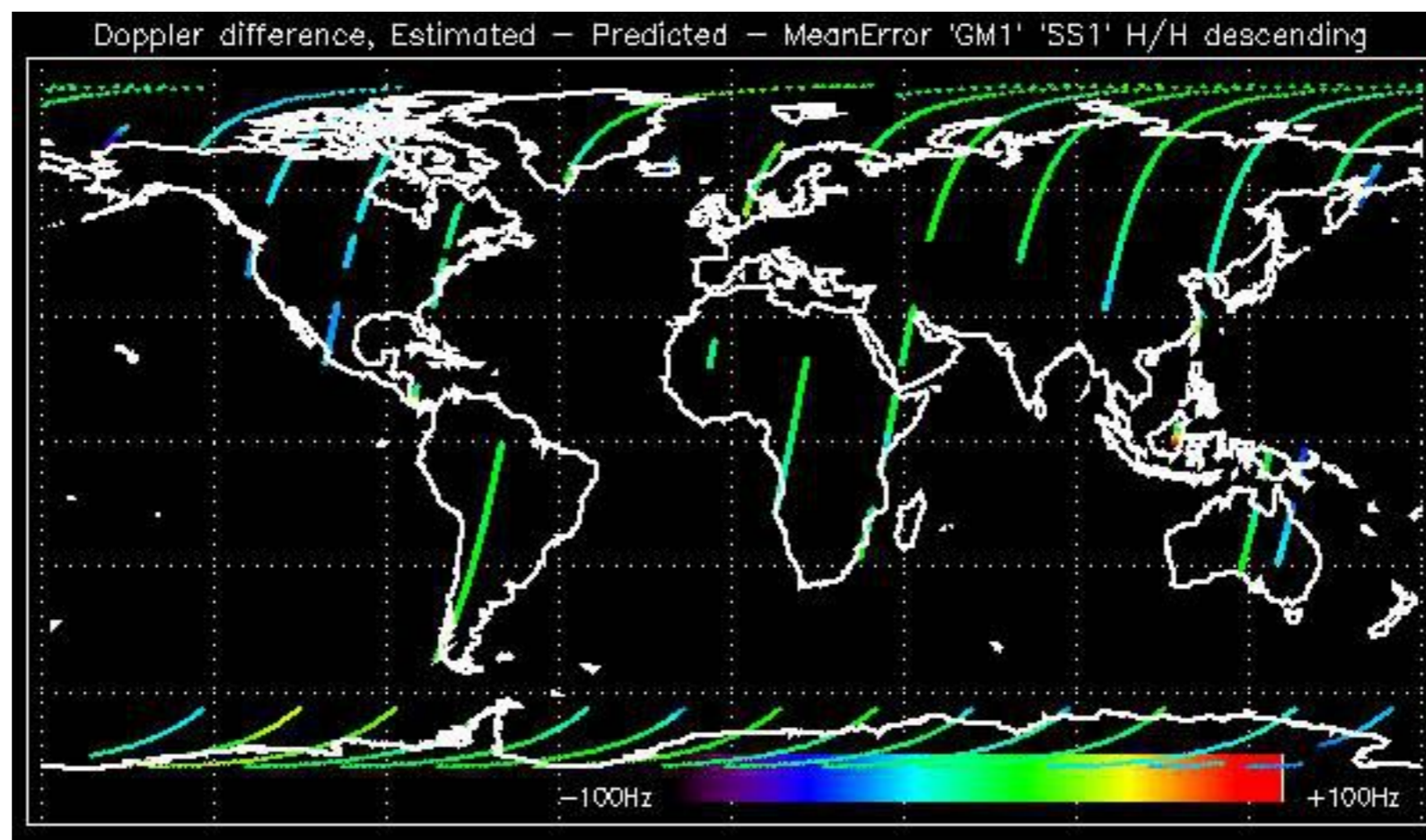


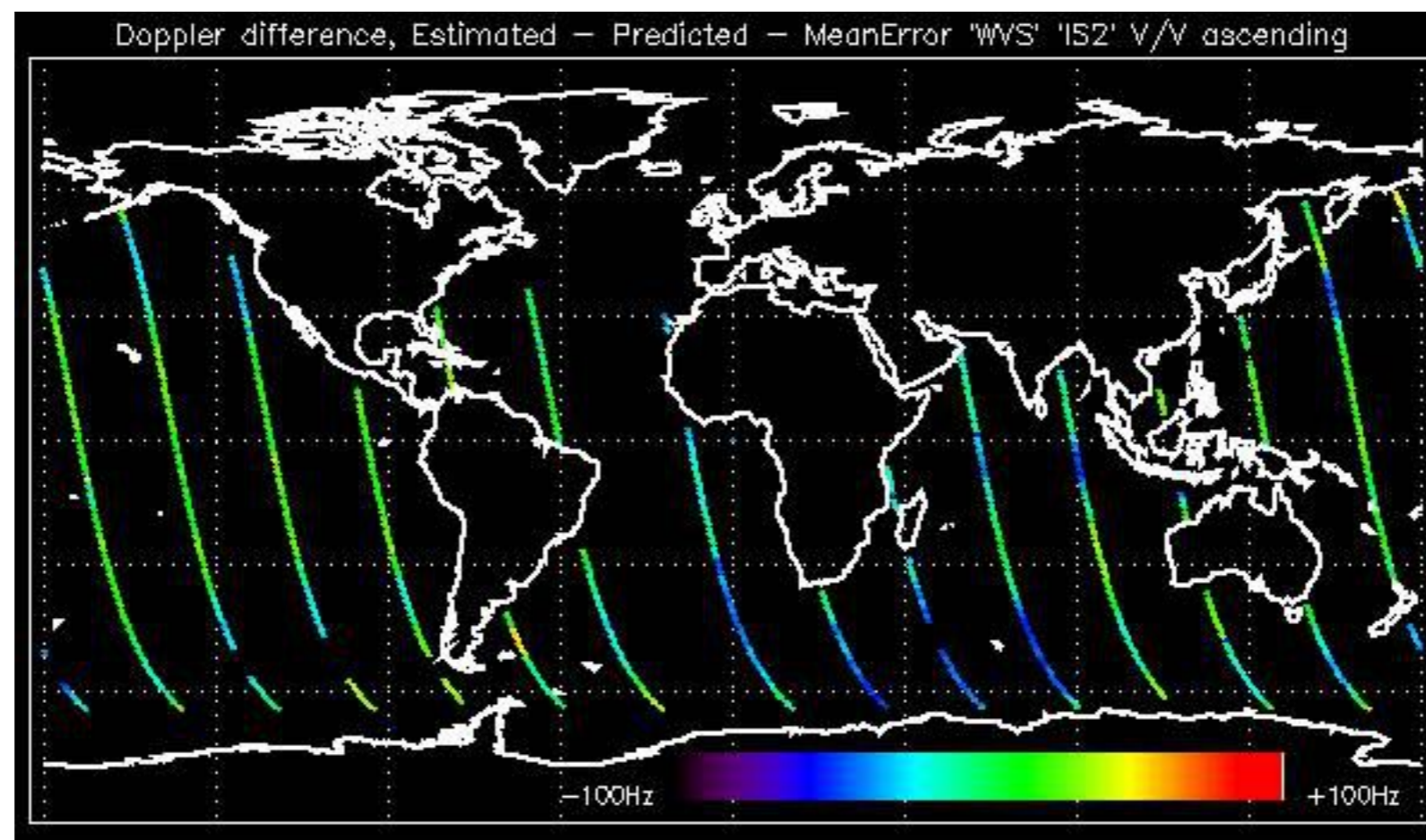


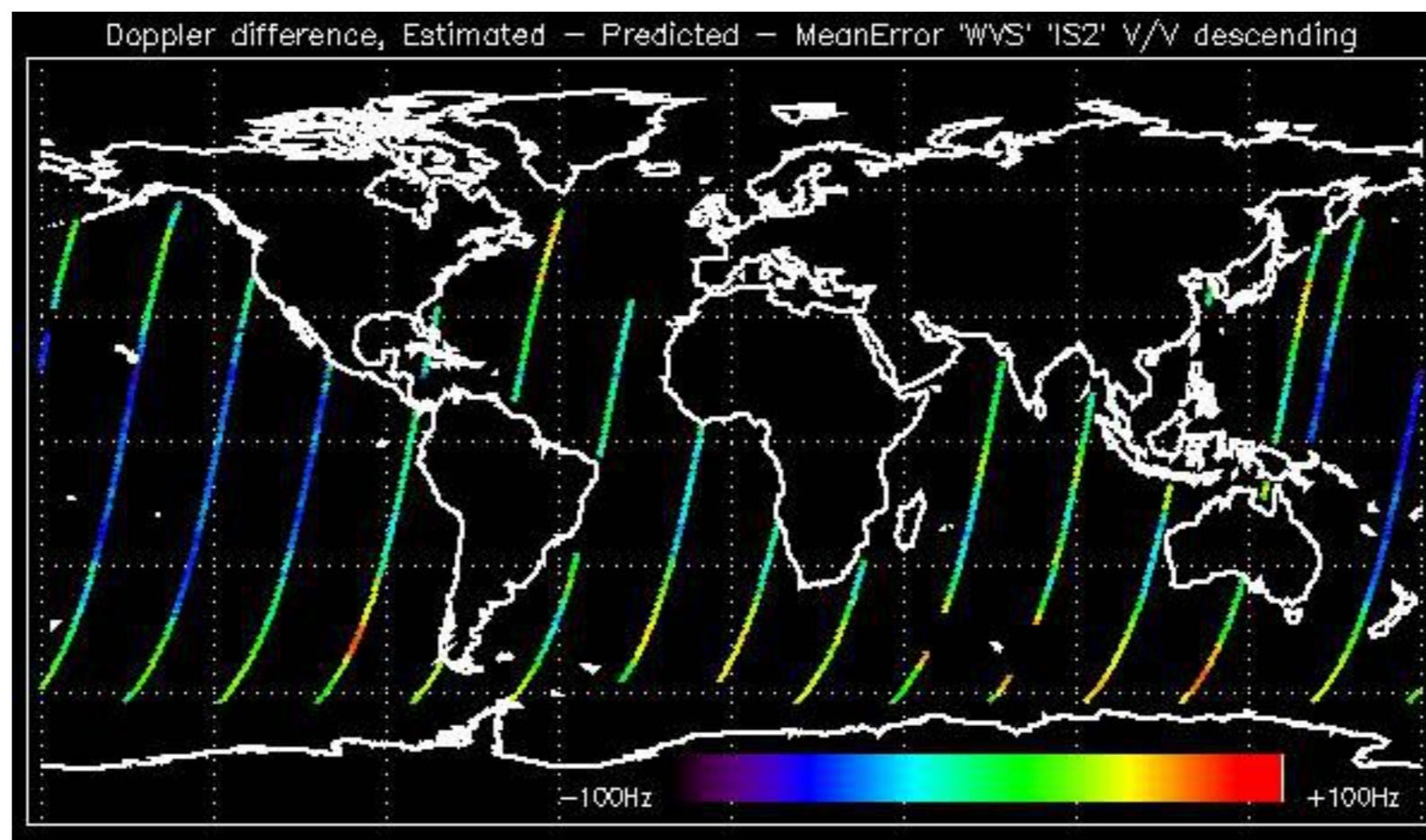


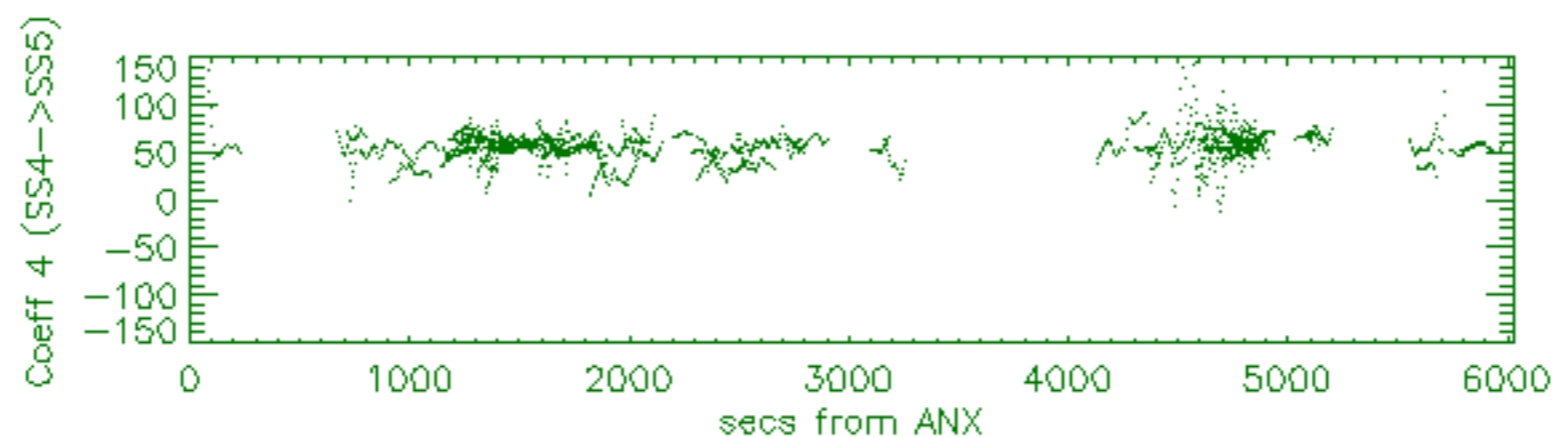
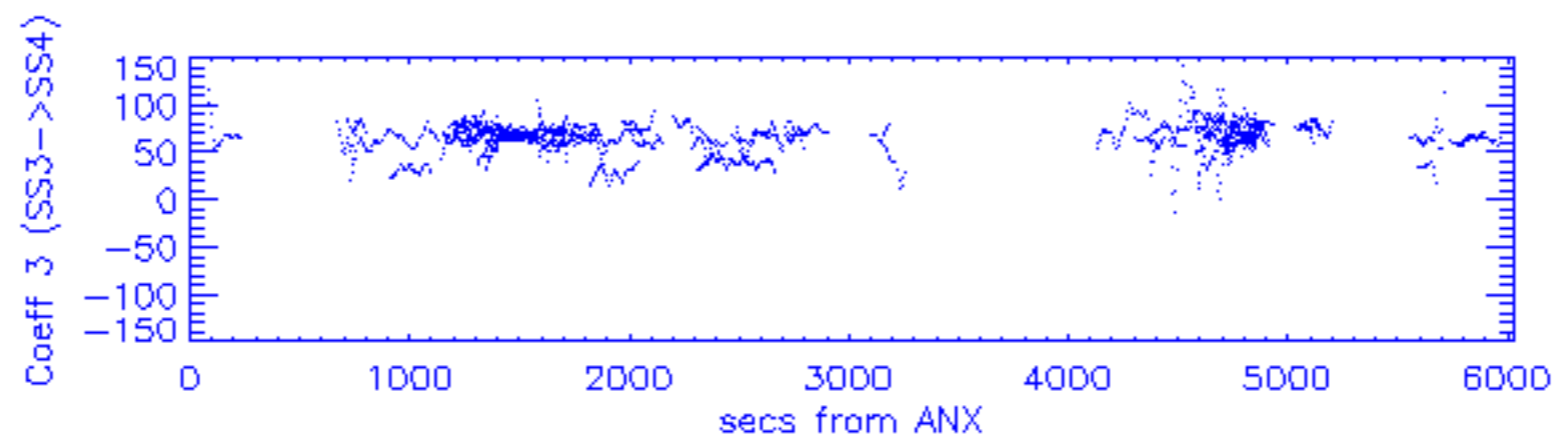
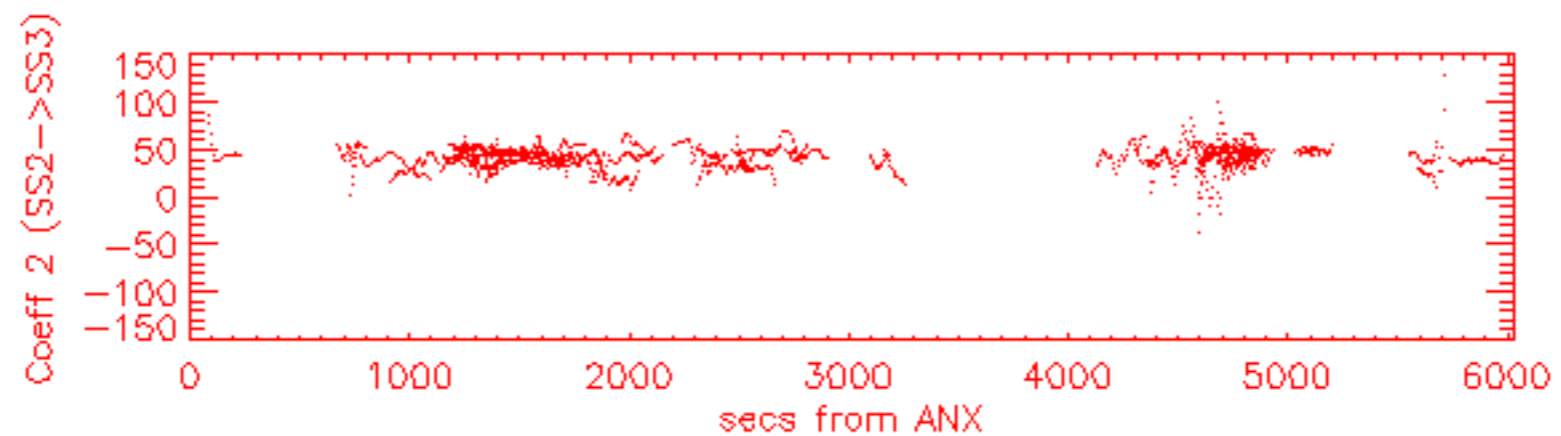
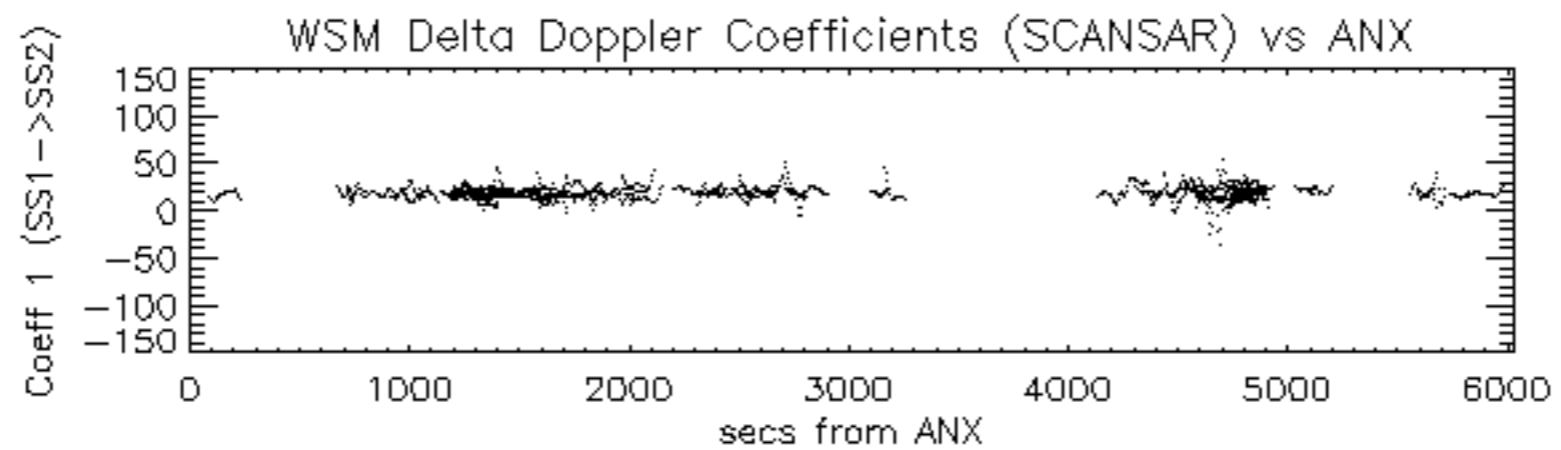


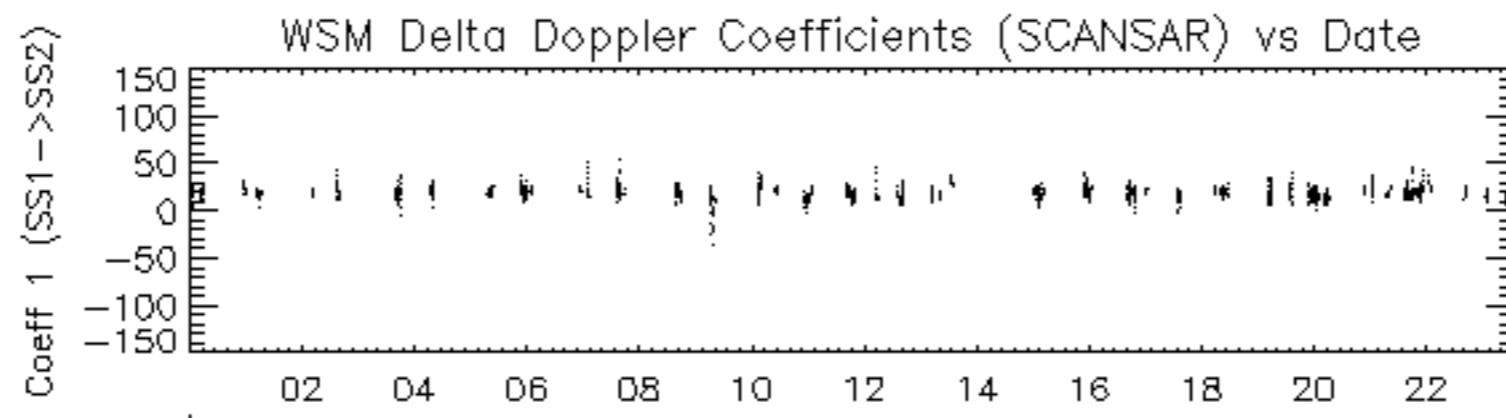




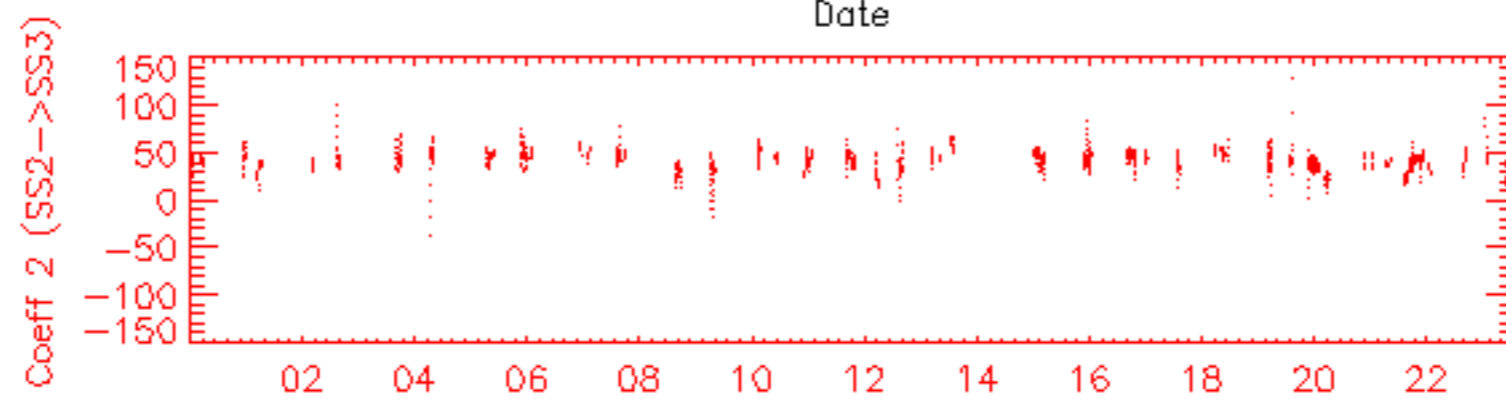




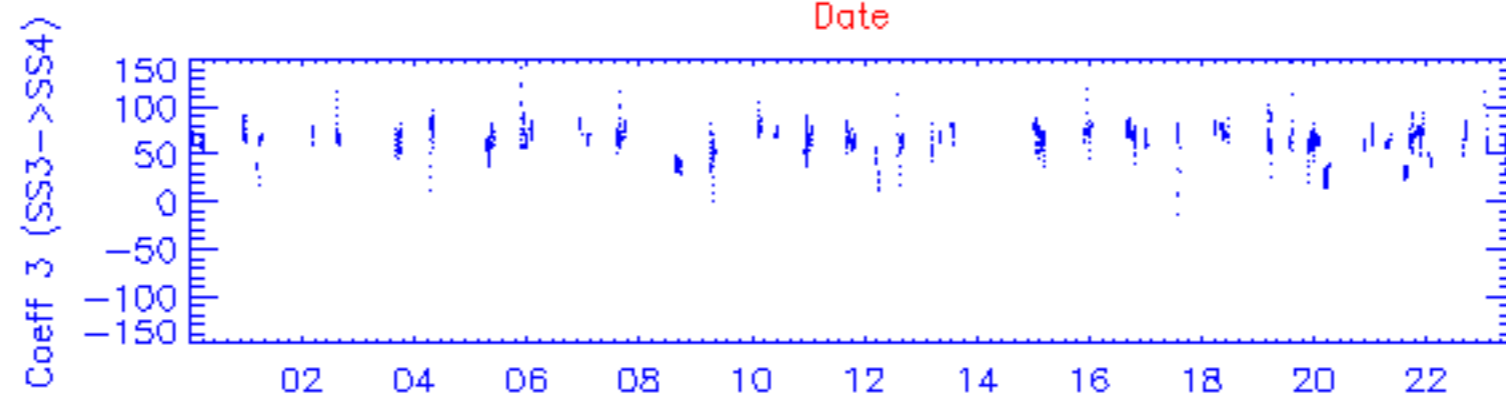




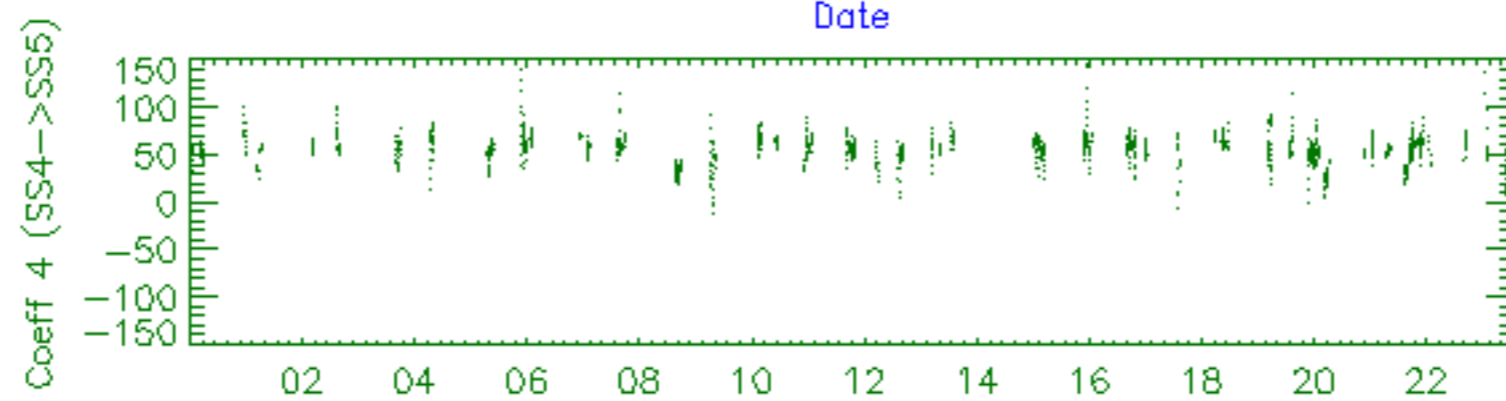
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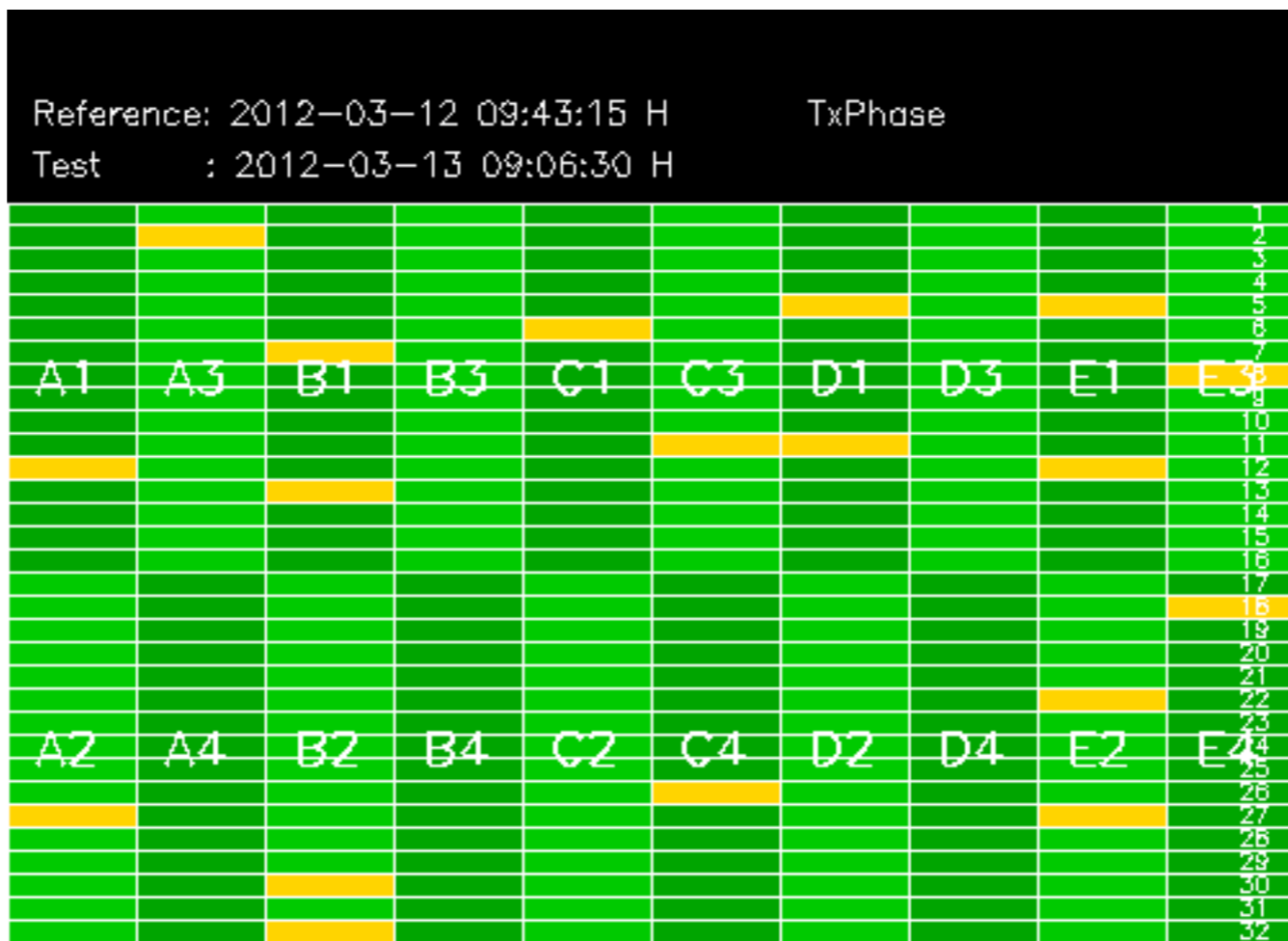


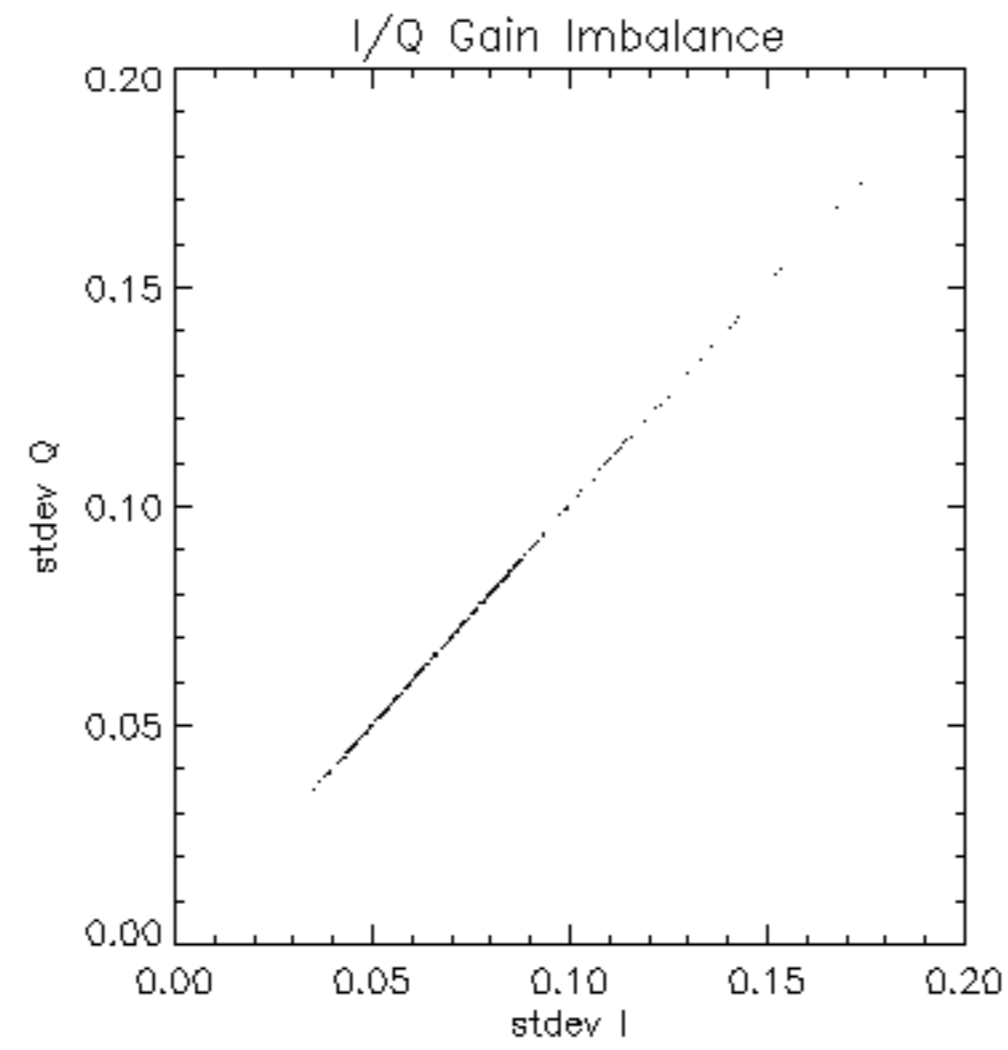
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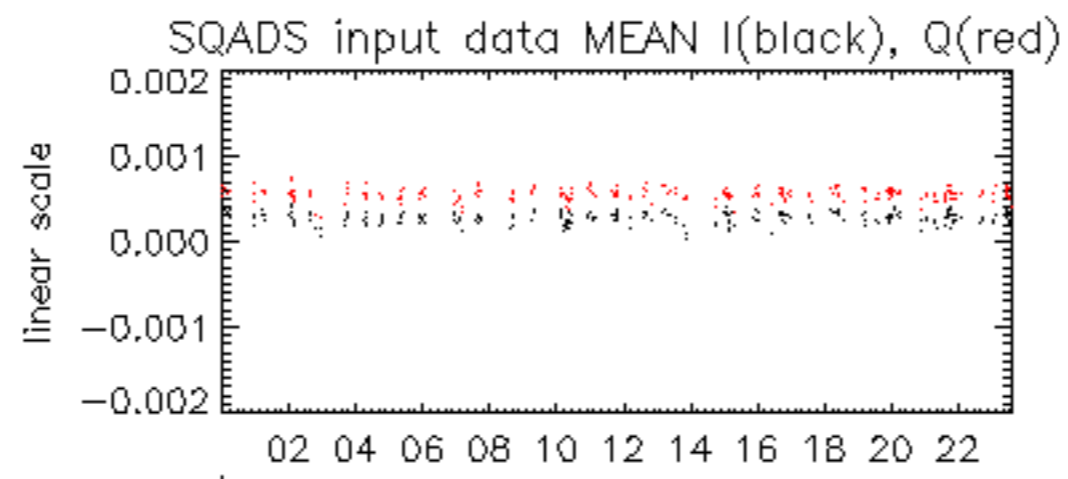


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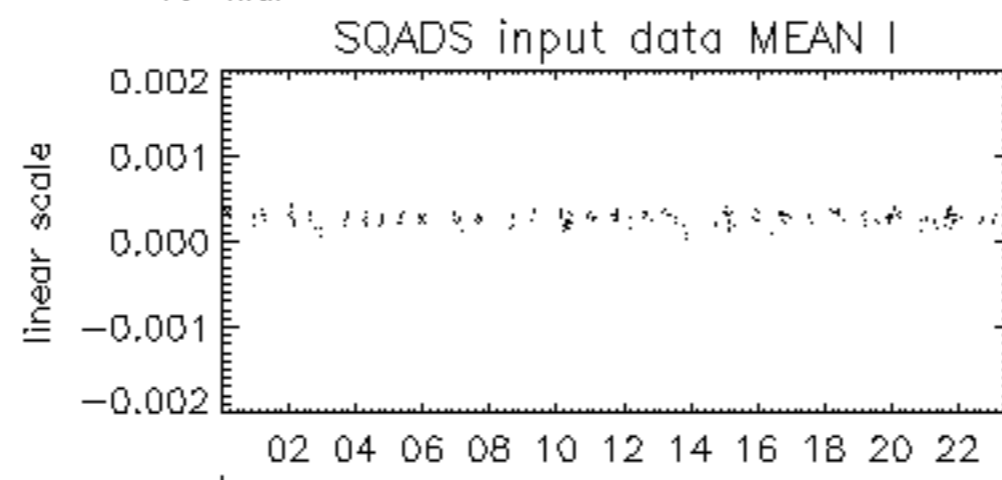
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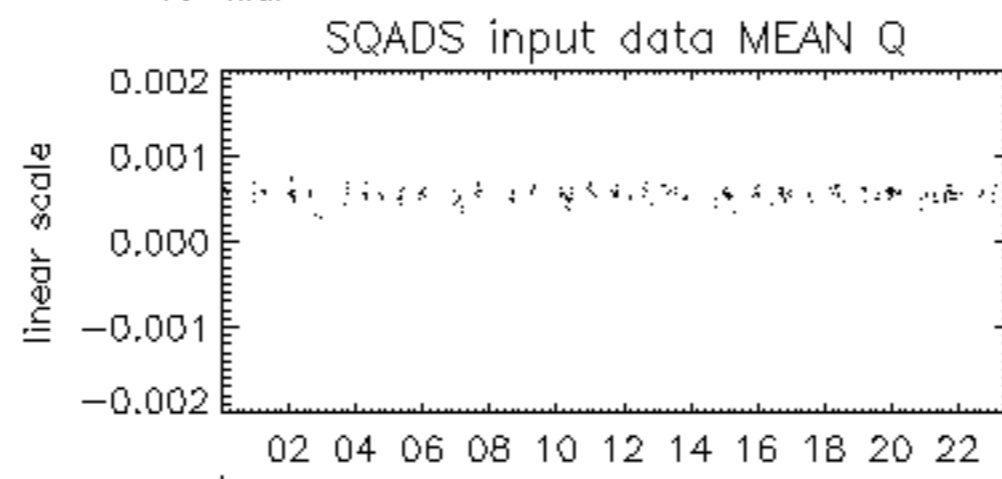




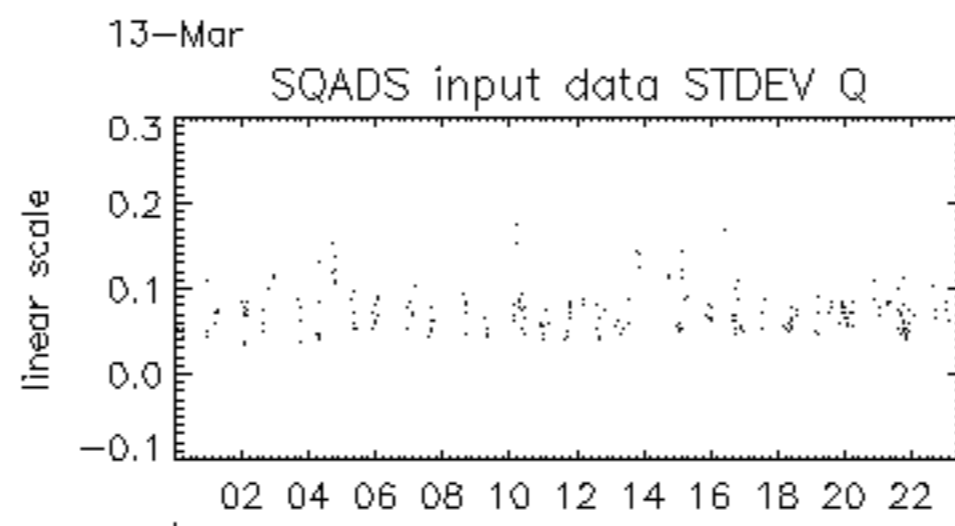
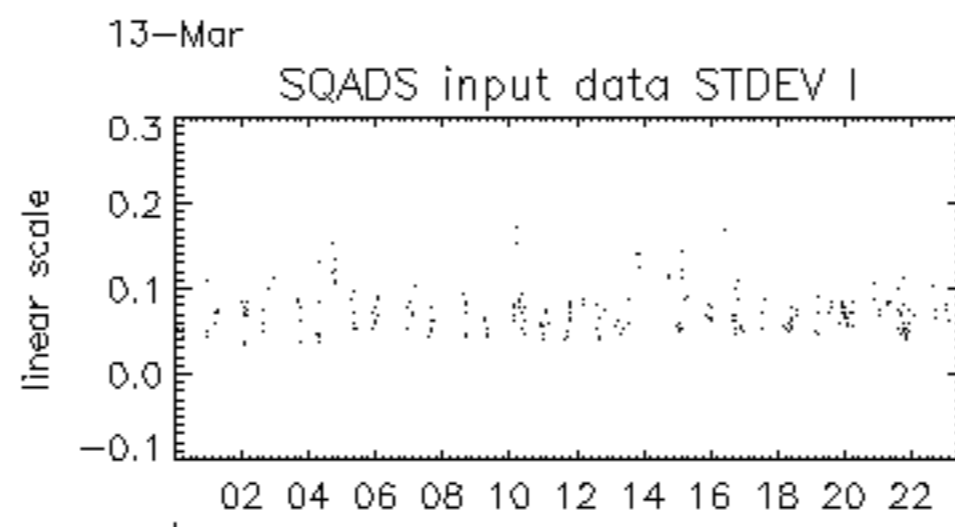
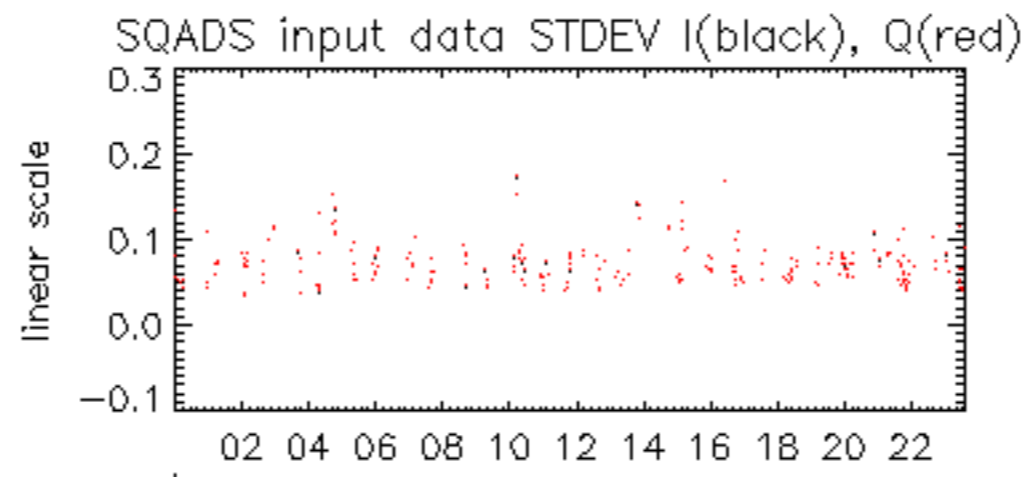
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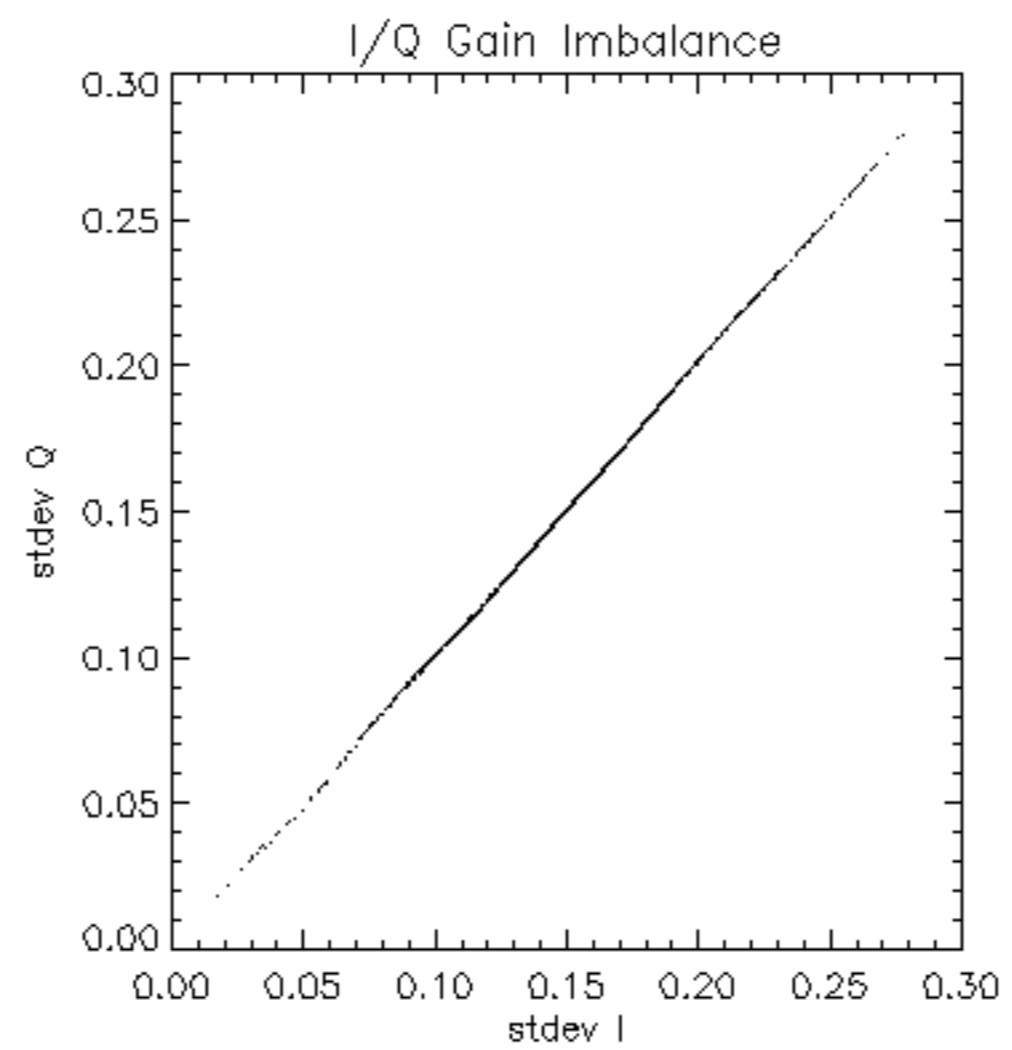
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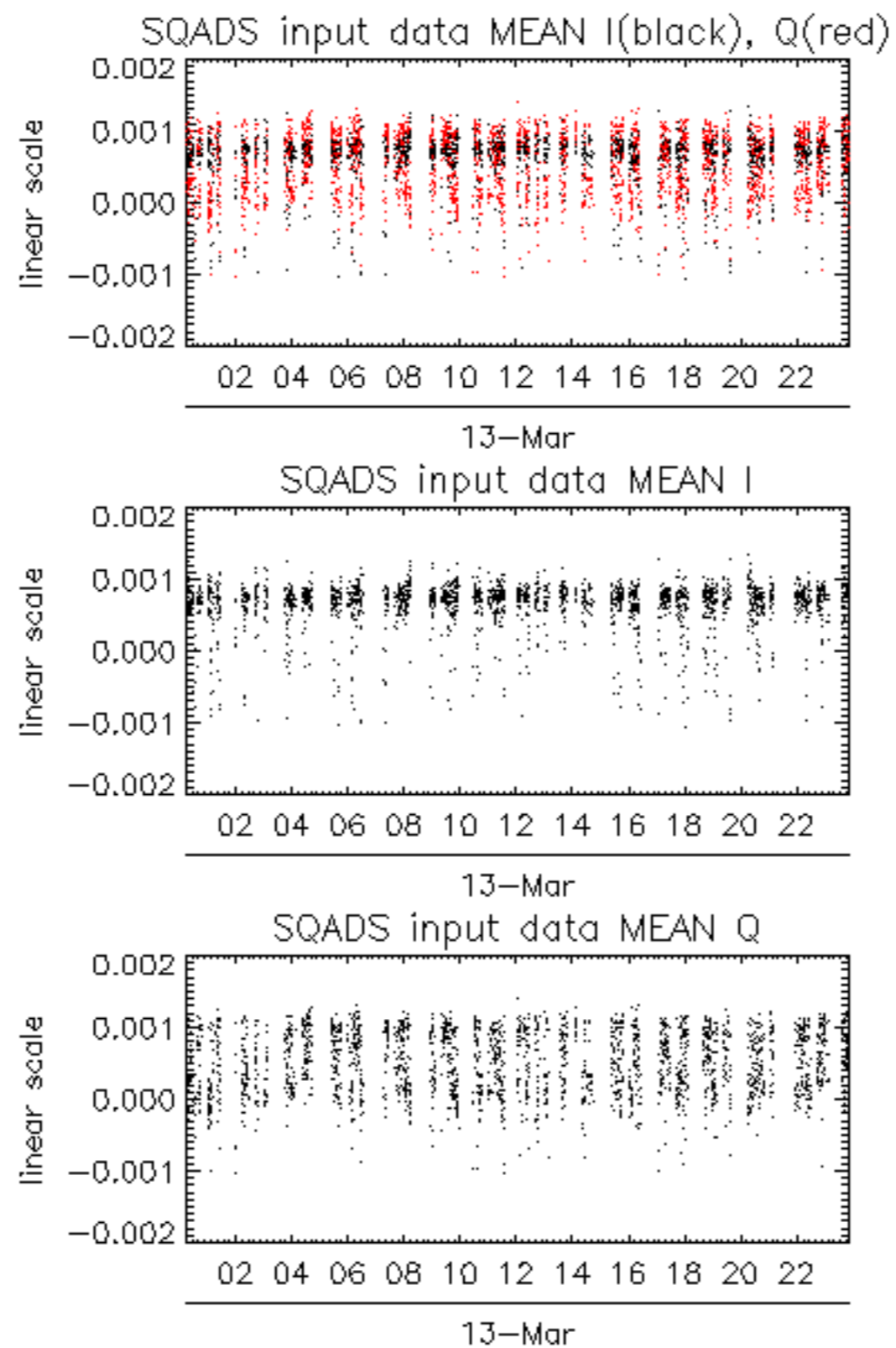


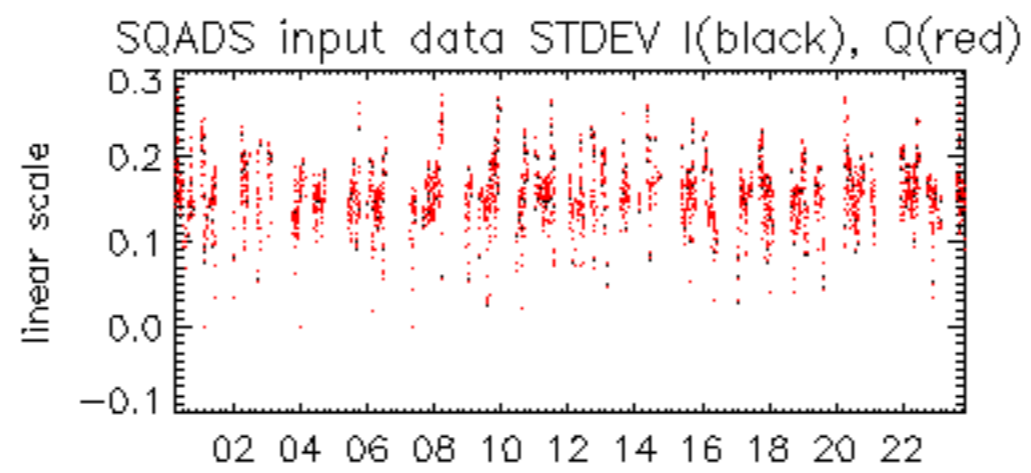
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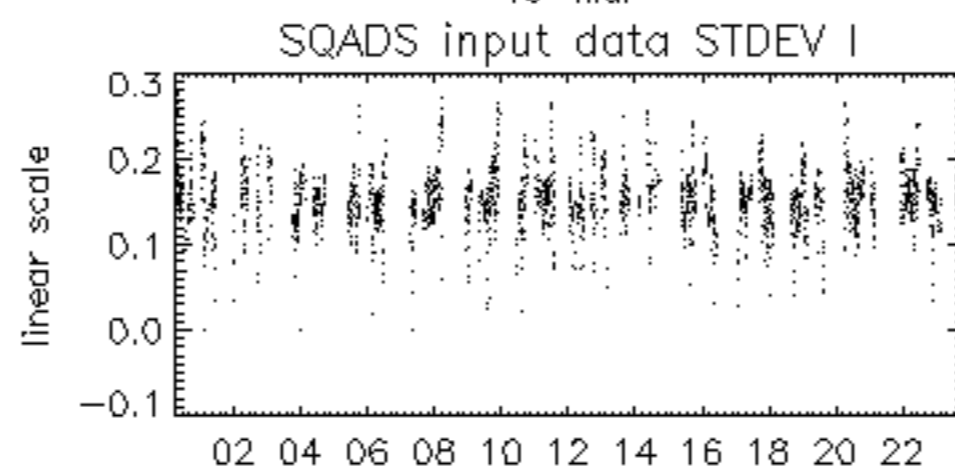
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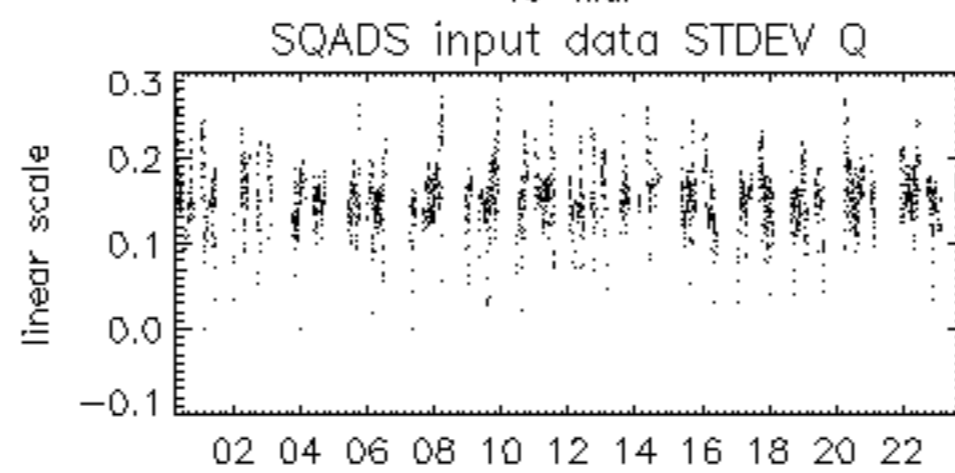




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