



Analysis from 16-FEB-2012 00:00:00 to 16-FEB-2012 23:59:59. Page generated on 17-FEB-2012 06:31:43.
View log file: ASAR_Daily_Report_20120217_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	2	PDE	WS	H/H	29	PDE	IS1	V/H	3	PDE	IS2	V/V	2	PDE	WS	H/H	24	PDK	2012-02-16 06:39:25	H	320
PDE	IS2	V/V	30	PDK	WS	H/H	45	PDE	IS1	V/V	3	PDE	IS4	V/V	1	PDE	WS	V/V	9	PDK	2012-02-16 08:19:38	V	320
PDK	IS2	V/V	19					PDE	IS2	H/H	1	PDE	IS6	H/H	8	PDK	WS	H/H	18				
								PDE	IS4	H/H	2	PDE	IS7	V/V	1	PDK	WS	V/V	3				
								PDE	IS4	H/V	1	PDK	IS5	V/V	2								
								PDE	IS7	H/H	1												
								PDK	IS2	H/H	4												
								PDK	IS4	H/H	2												

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

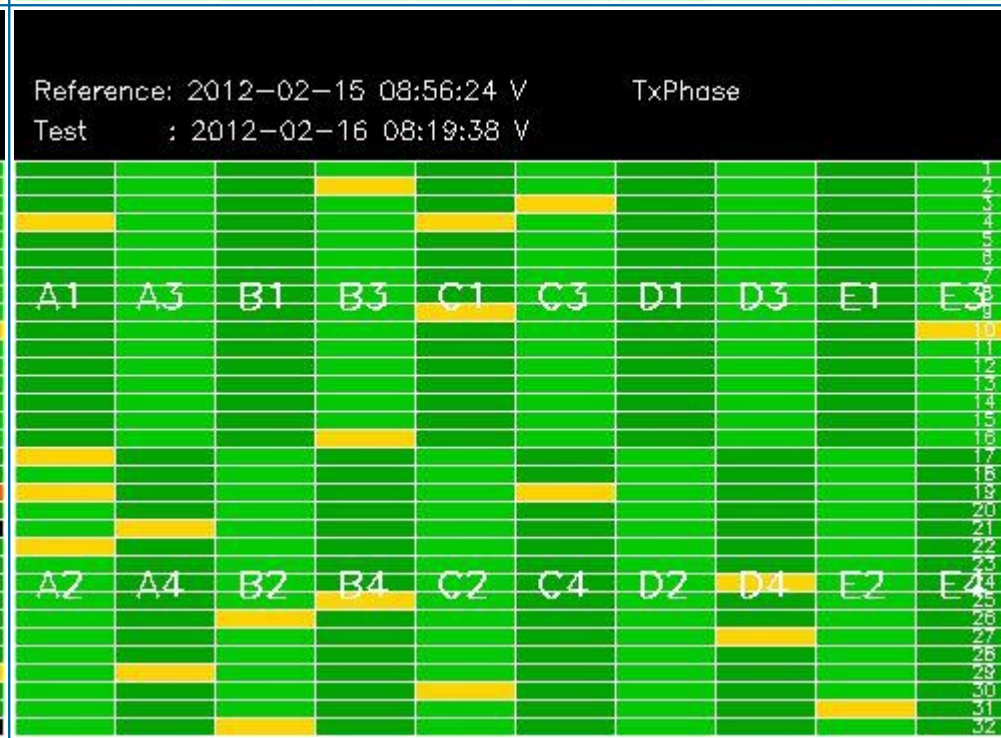
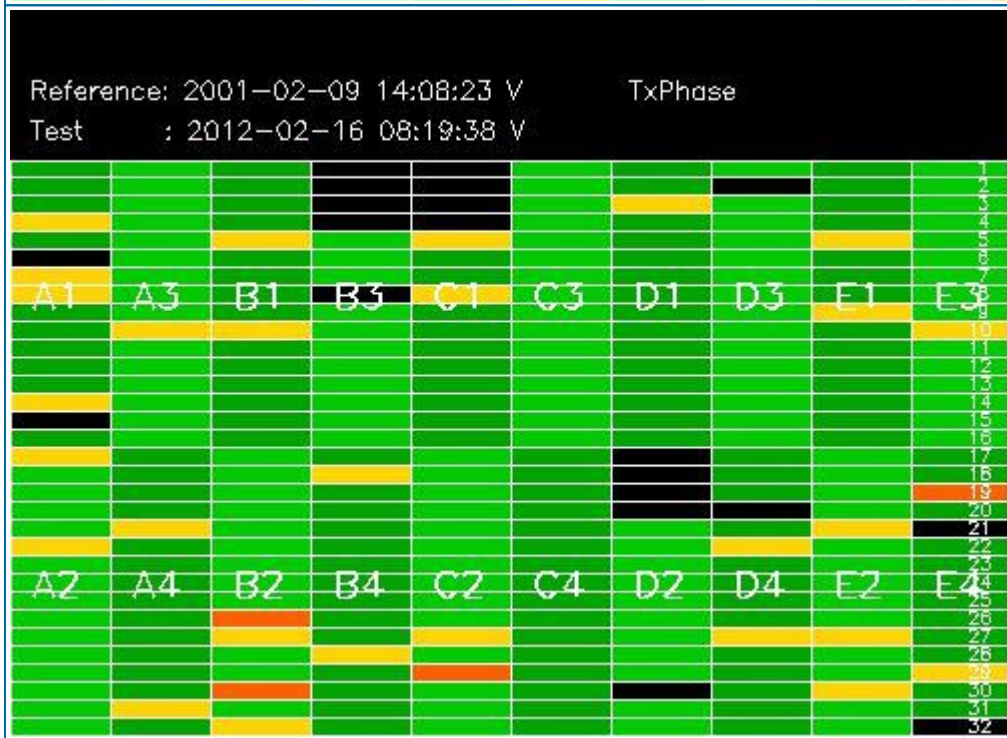
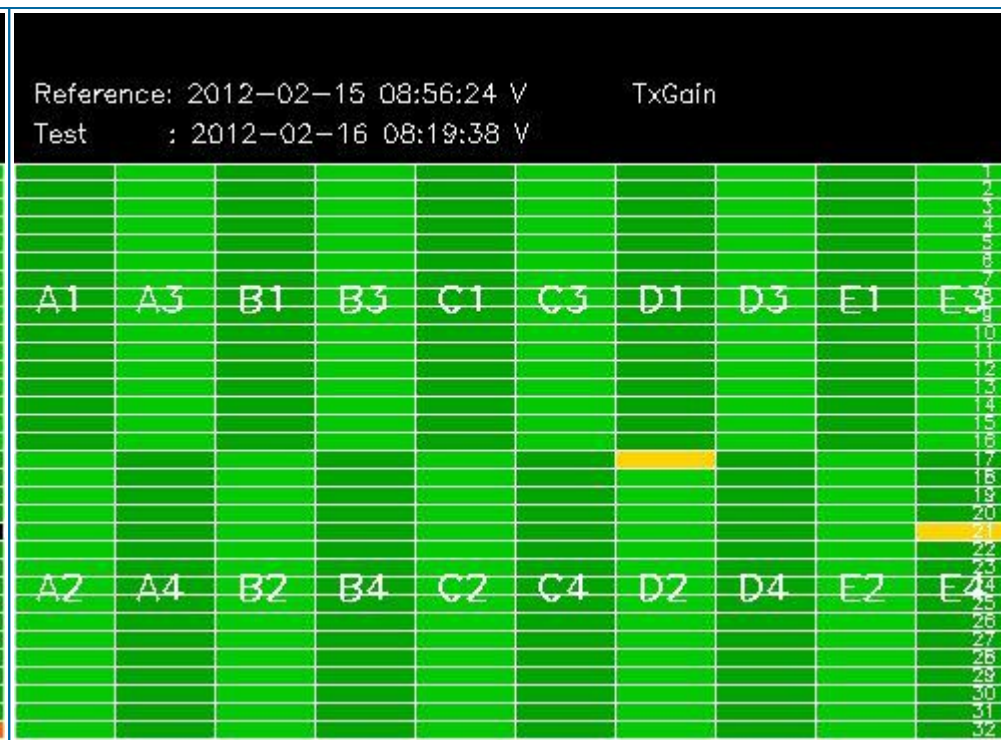
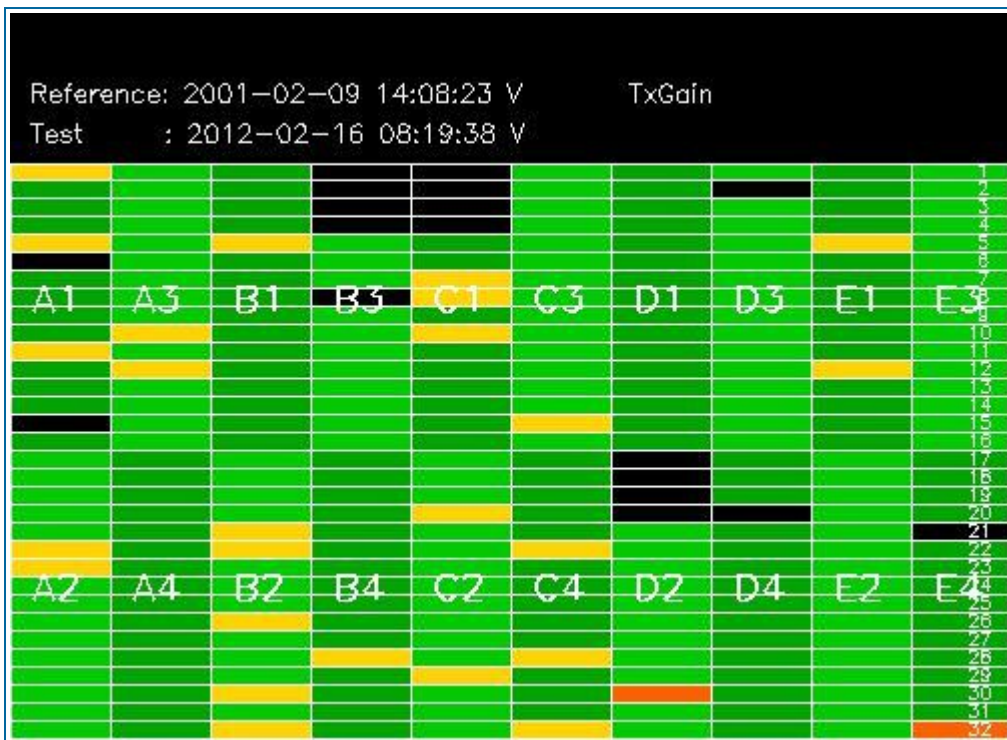
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

[\[TXT\]](#) [\[XLS\]](#) 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 : 2012-02-16 08:19:38 V										Reference: 2012-02-15 08:56:24 V Test : 2012-02-16 08:19:38 V																																									
RxGain										RxGain																																									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	21	22	23	24	25	26	27	28	29	30	31	32																				
Reference: 2001-02-09 14:08:23 V Test : 2012-02-16 08:19:38 V										Reference: 2012-02-15 08:56:24 V Test : 2012-02-16 08:19:38 V																																									
RxPhase										RxPhase																																									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	21	22	23	24	25	26	27	28	29	30	31	32																				



3.2 - H/H polarisation

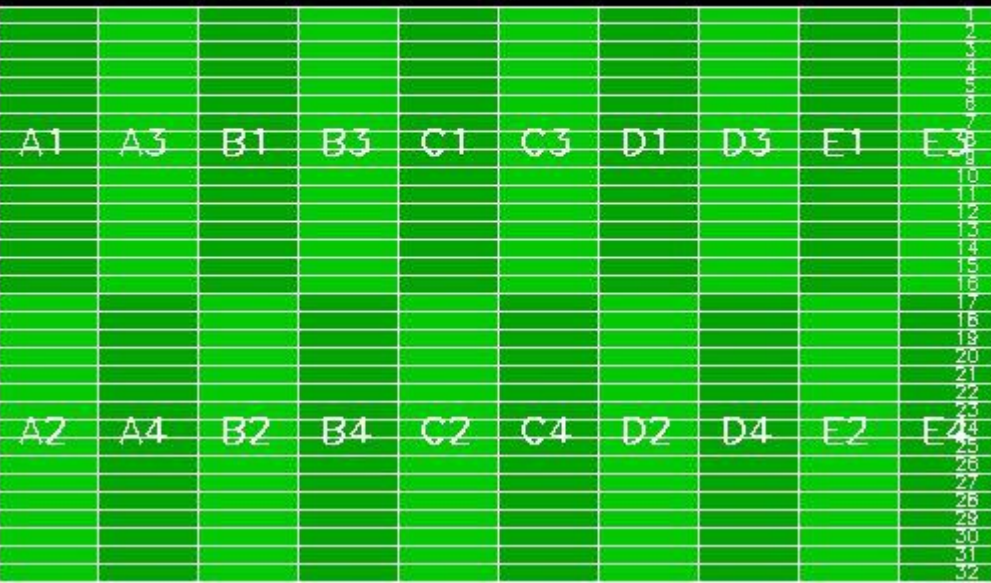
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2012-02-16 06:39:25 H



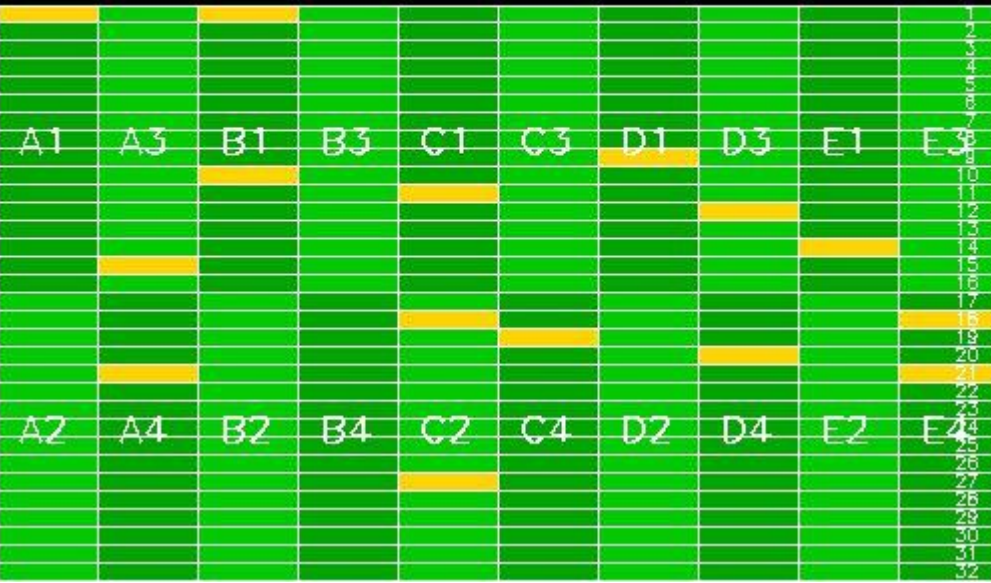
Reference: 2012-02-15 07:16:10 H RxGain
 Test : 2012-02-16 06:39:25 H

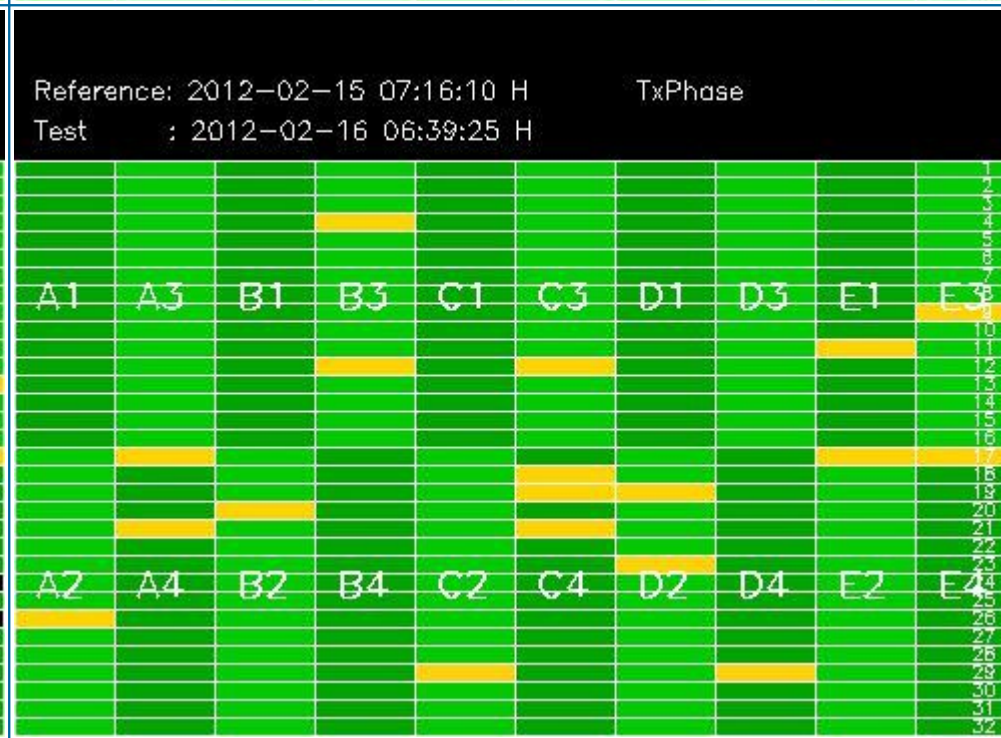
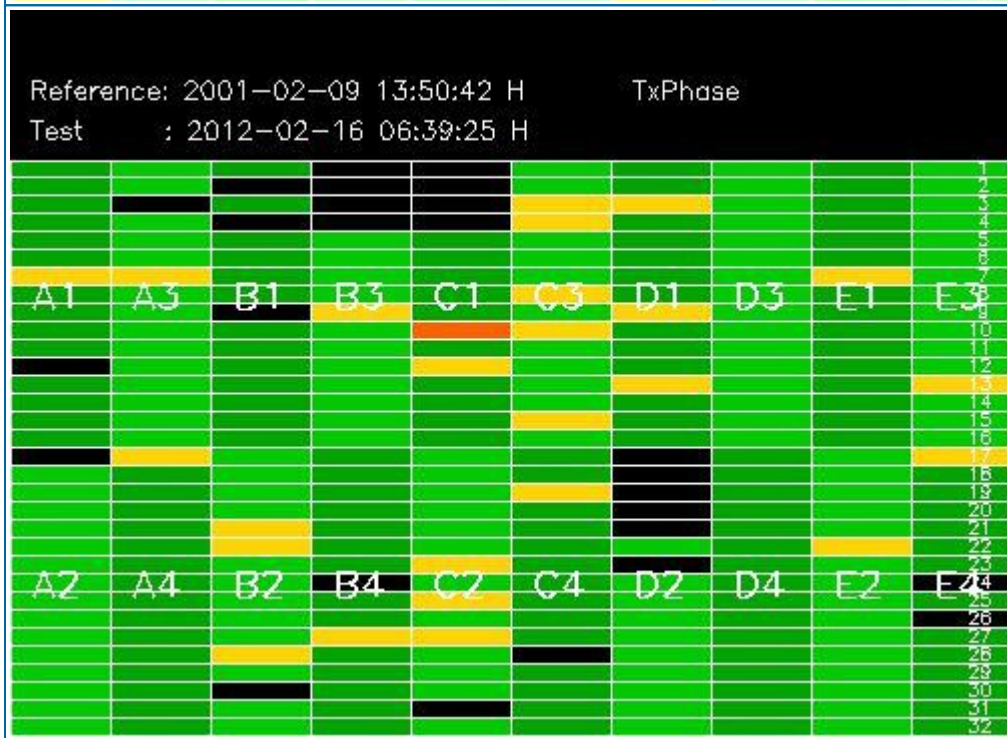
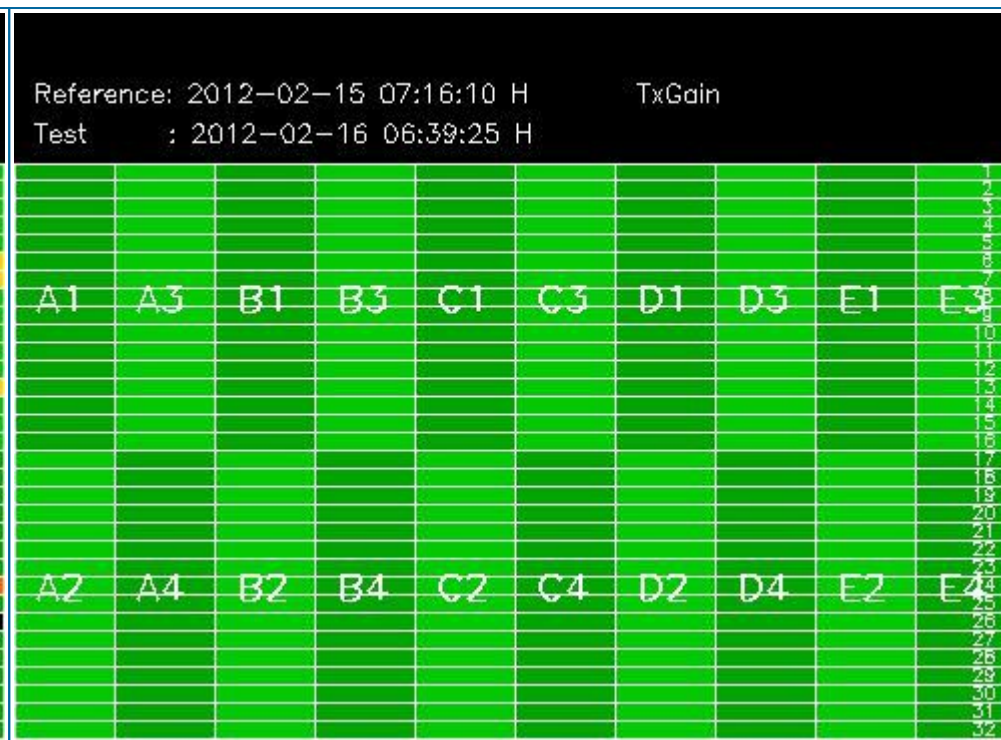
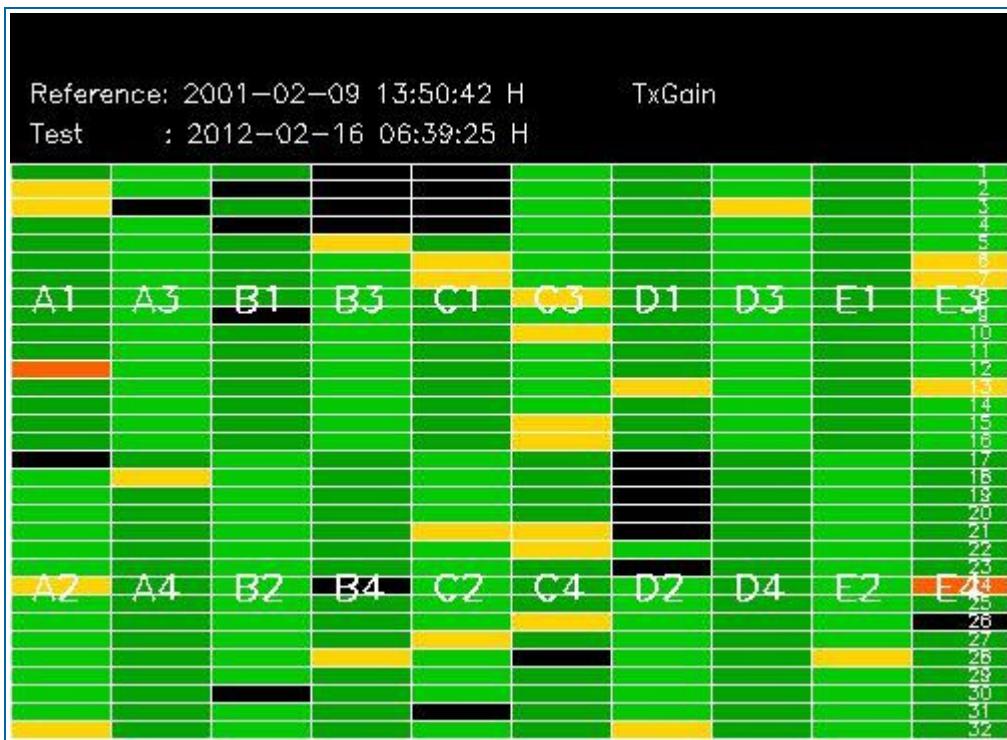


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2012-02-16 06:39:25 H



Reference: 2012-02-15 07:16:10 H RxPhase
 Test : 2012-02-16 06:39:25 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

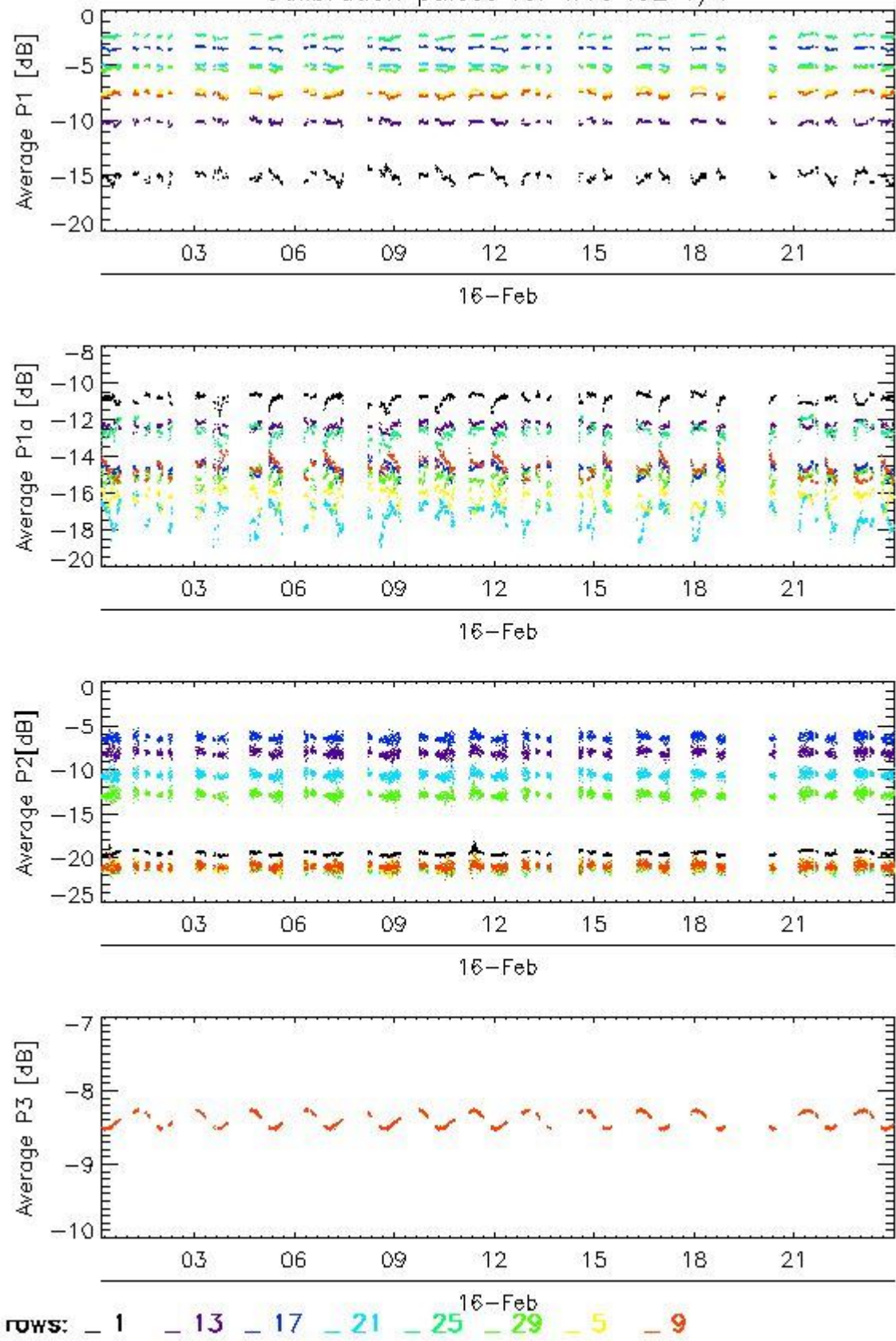
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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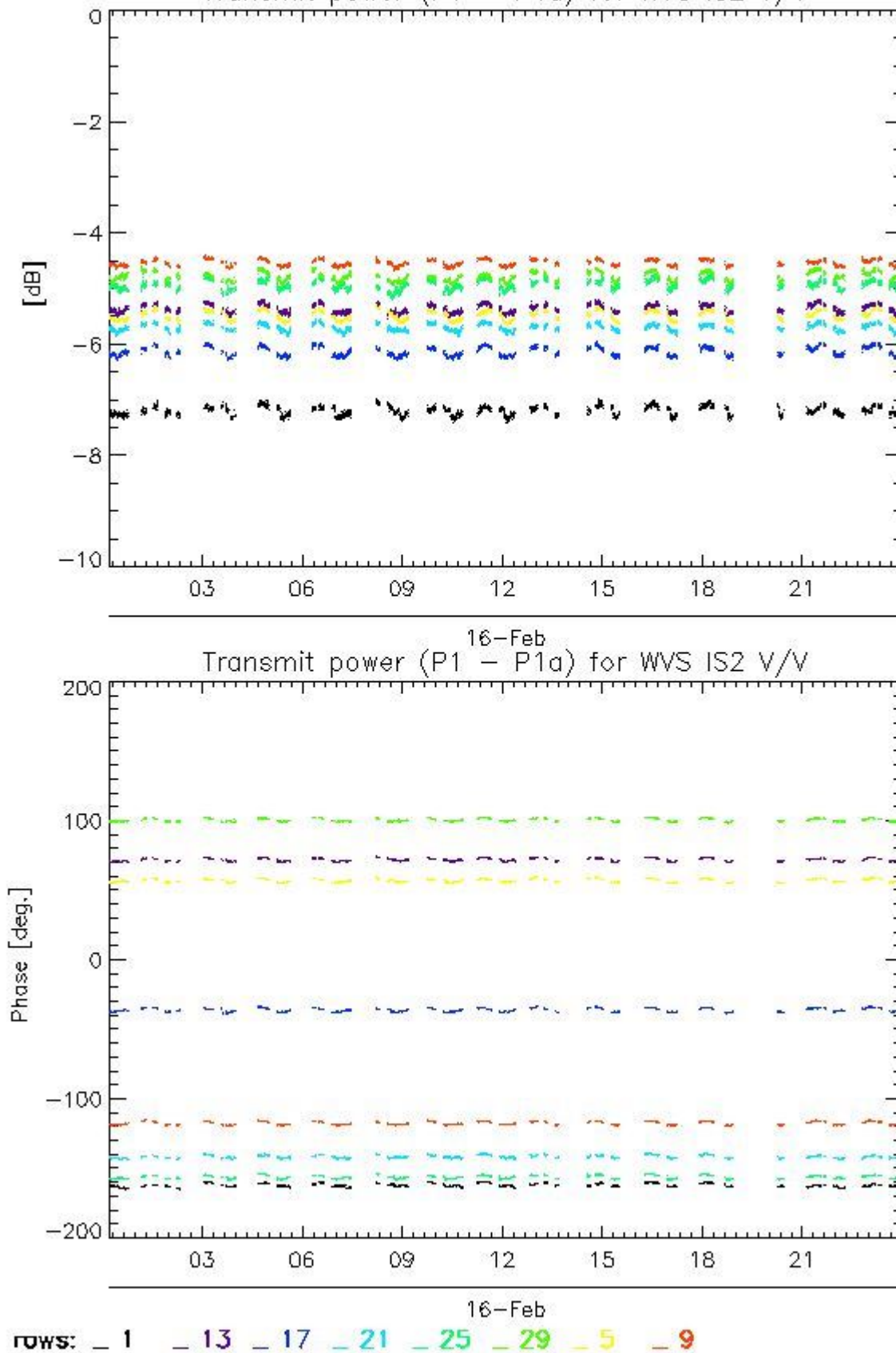
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



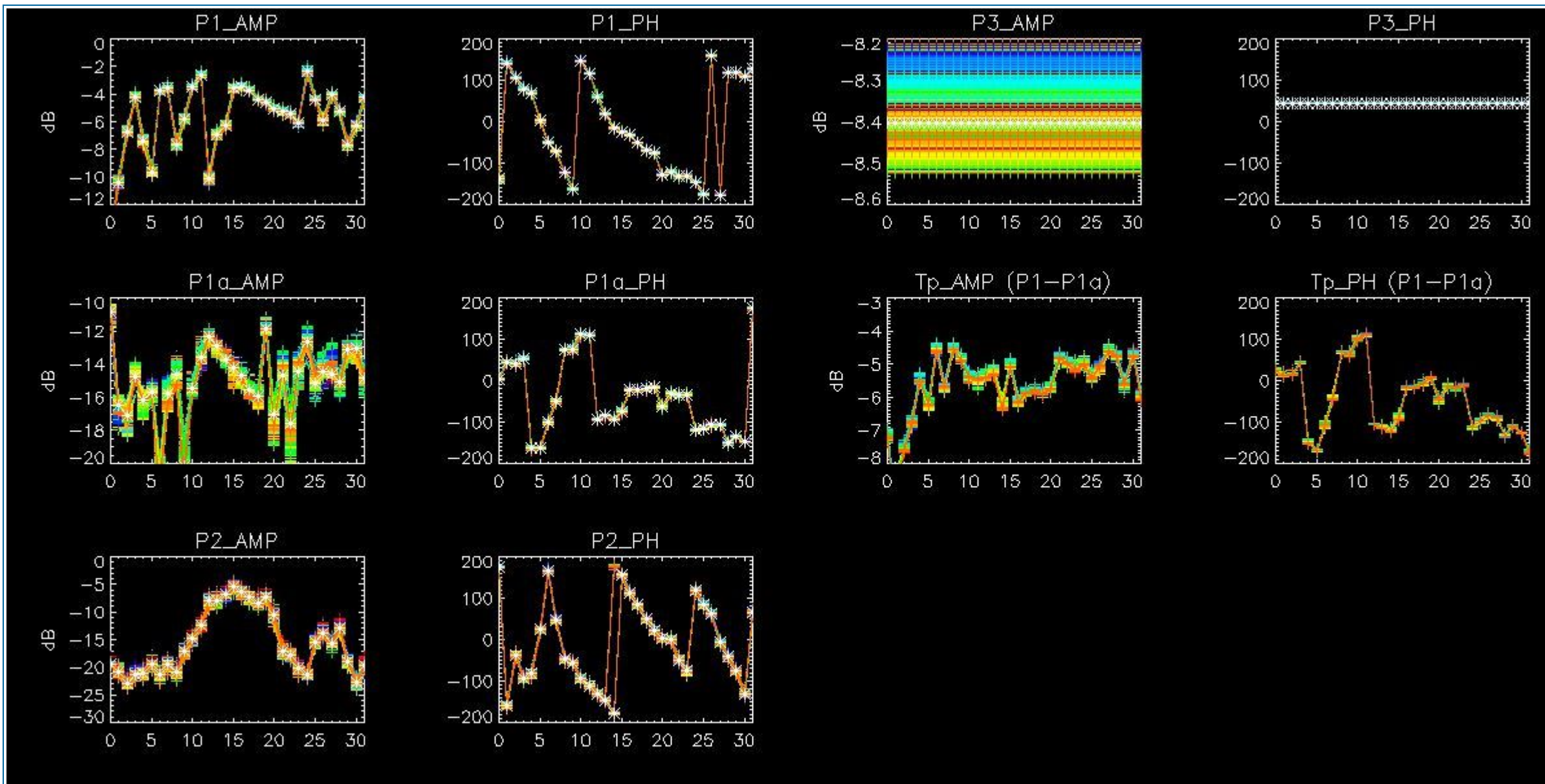
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

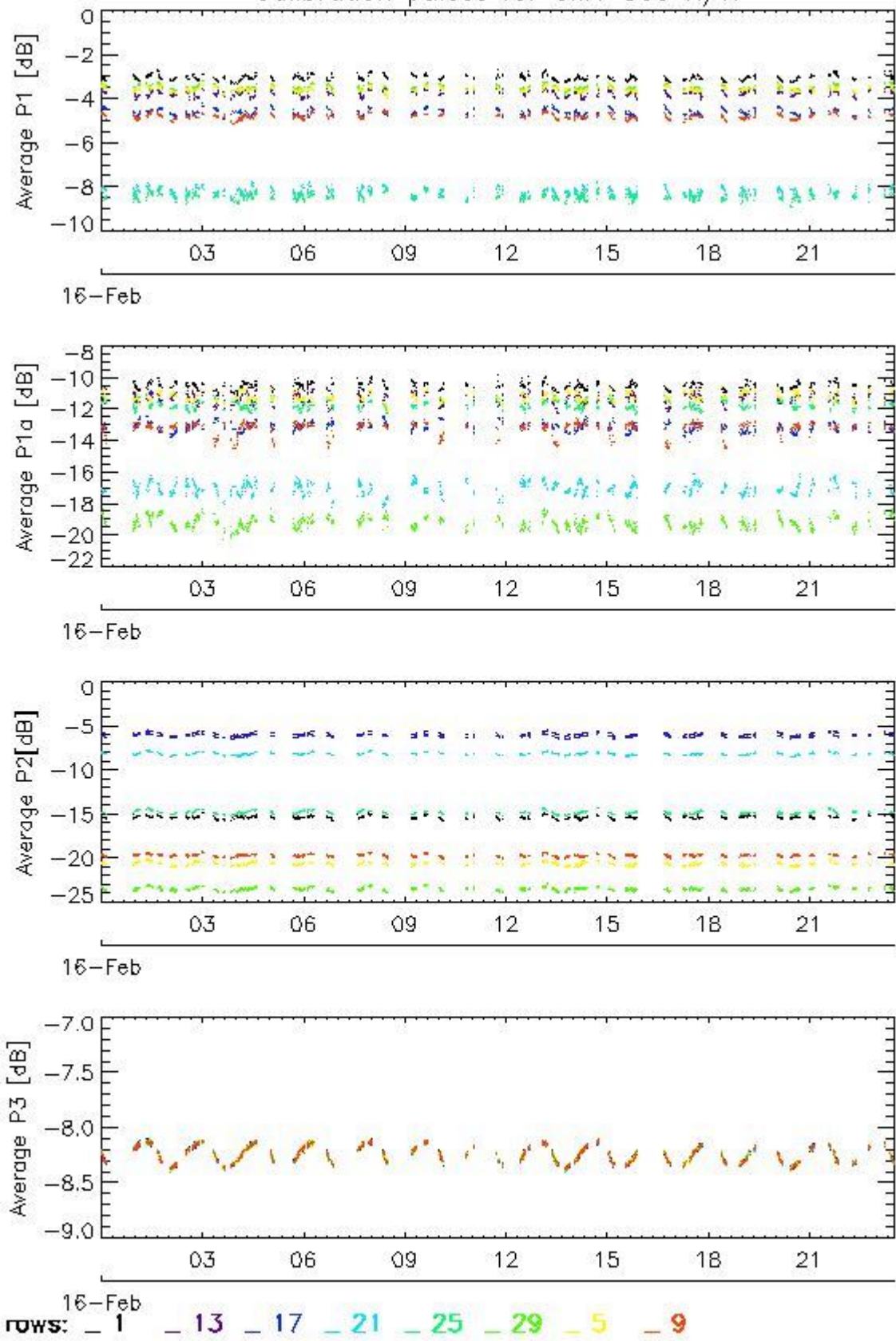
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

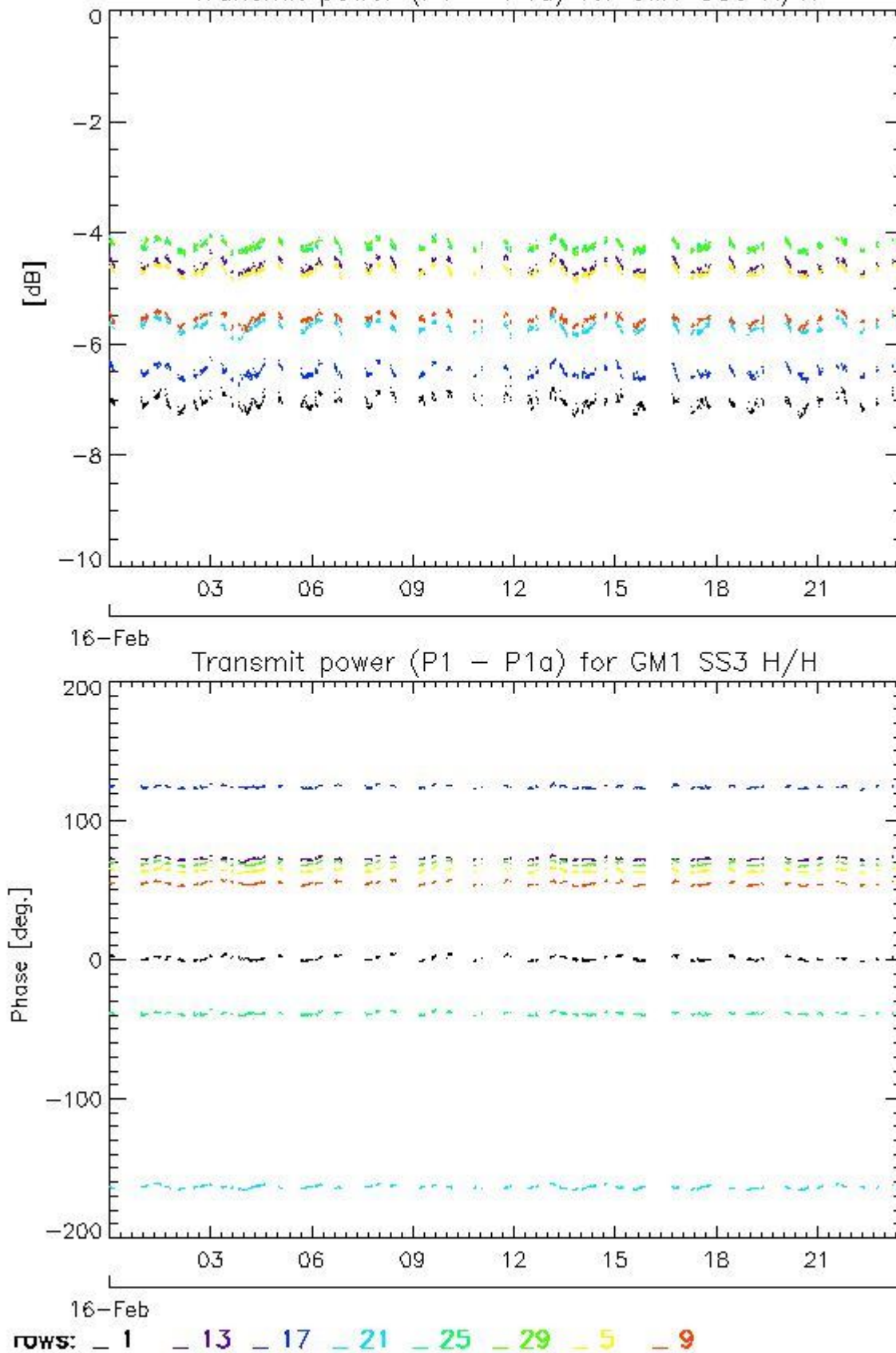
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



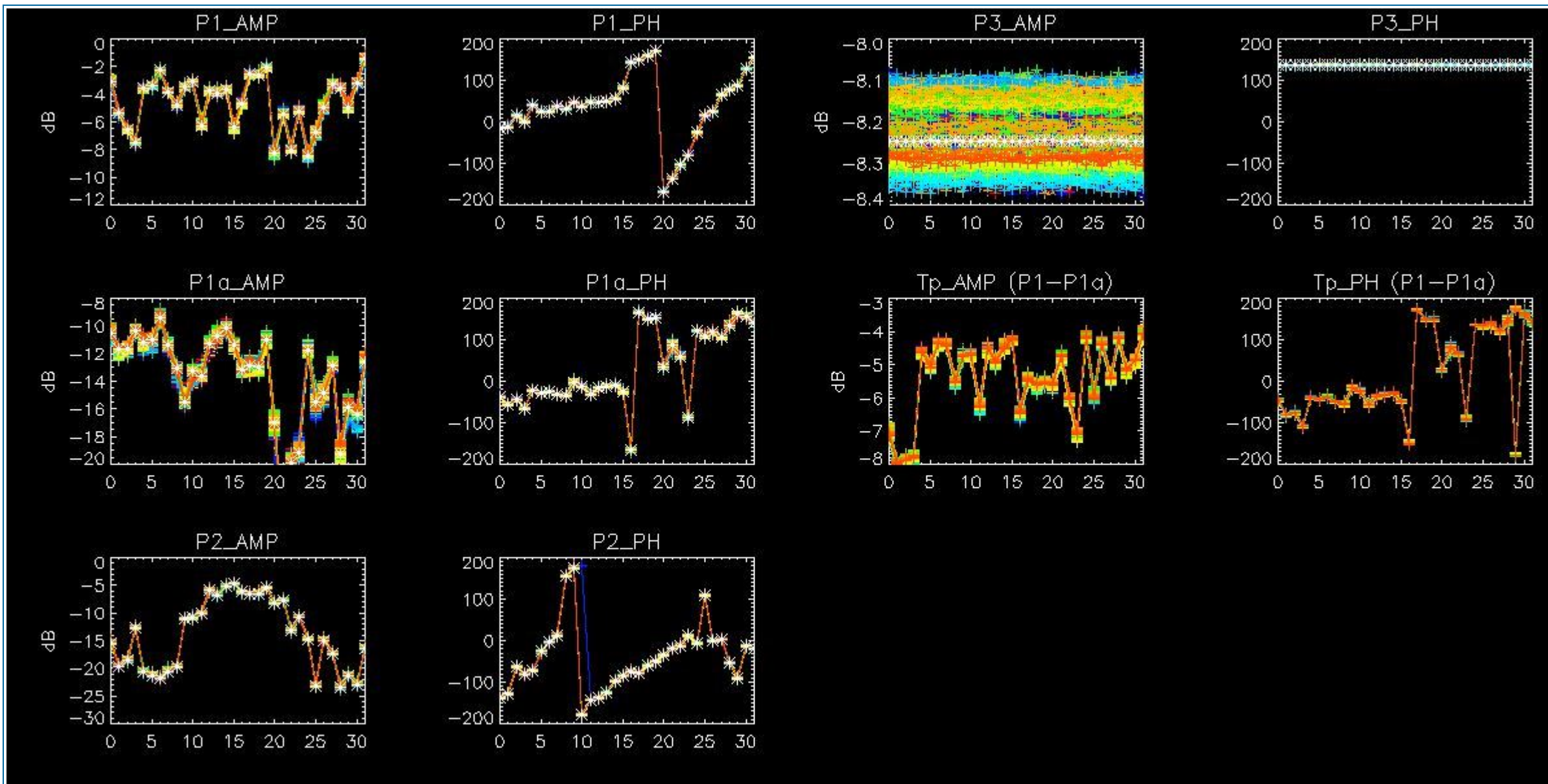
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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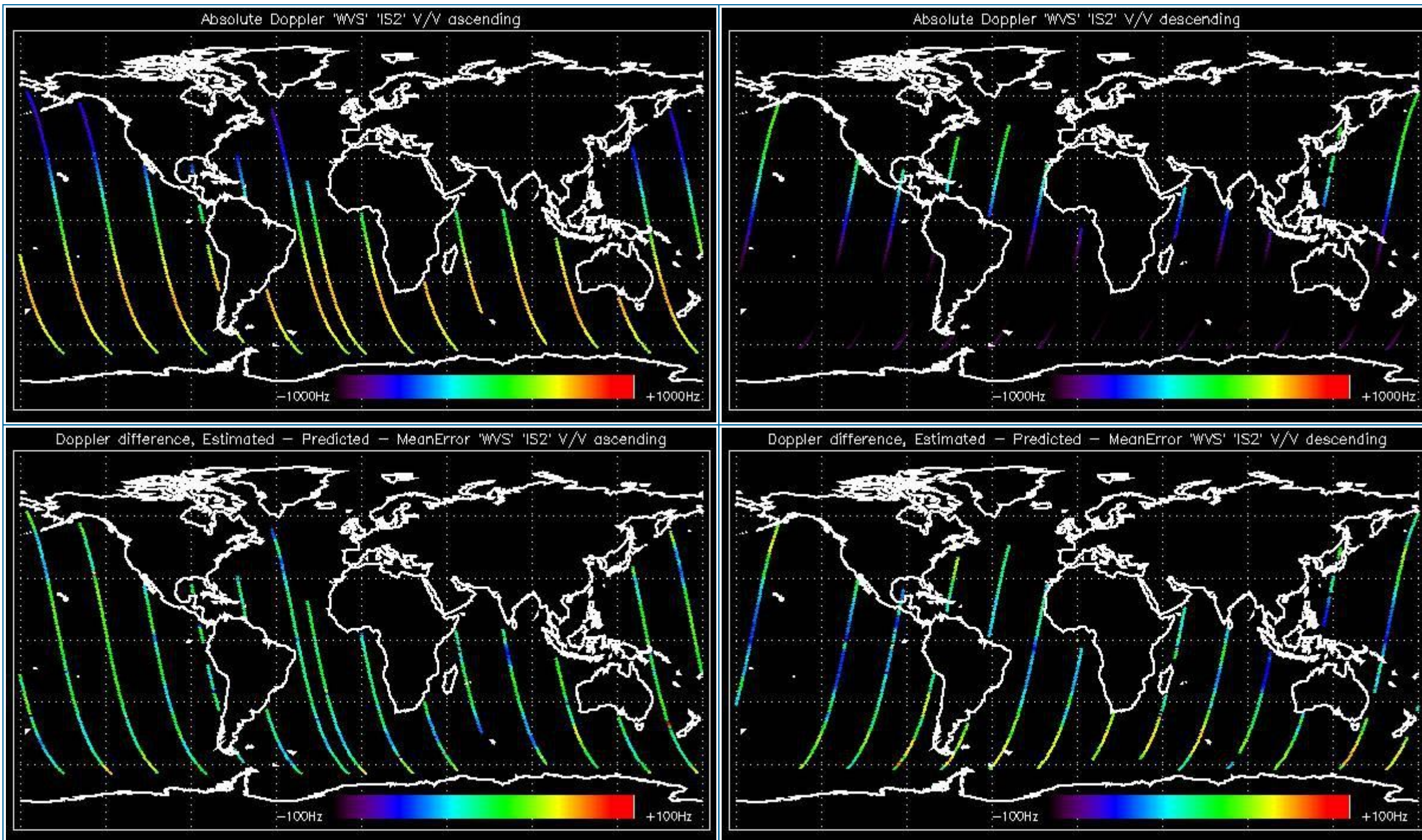
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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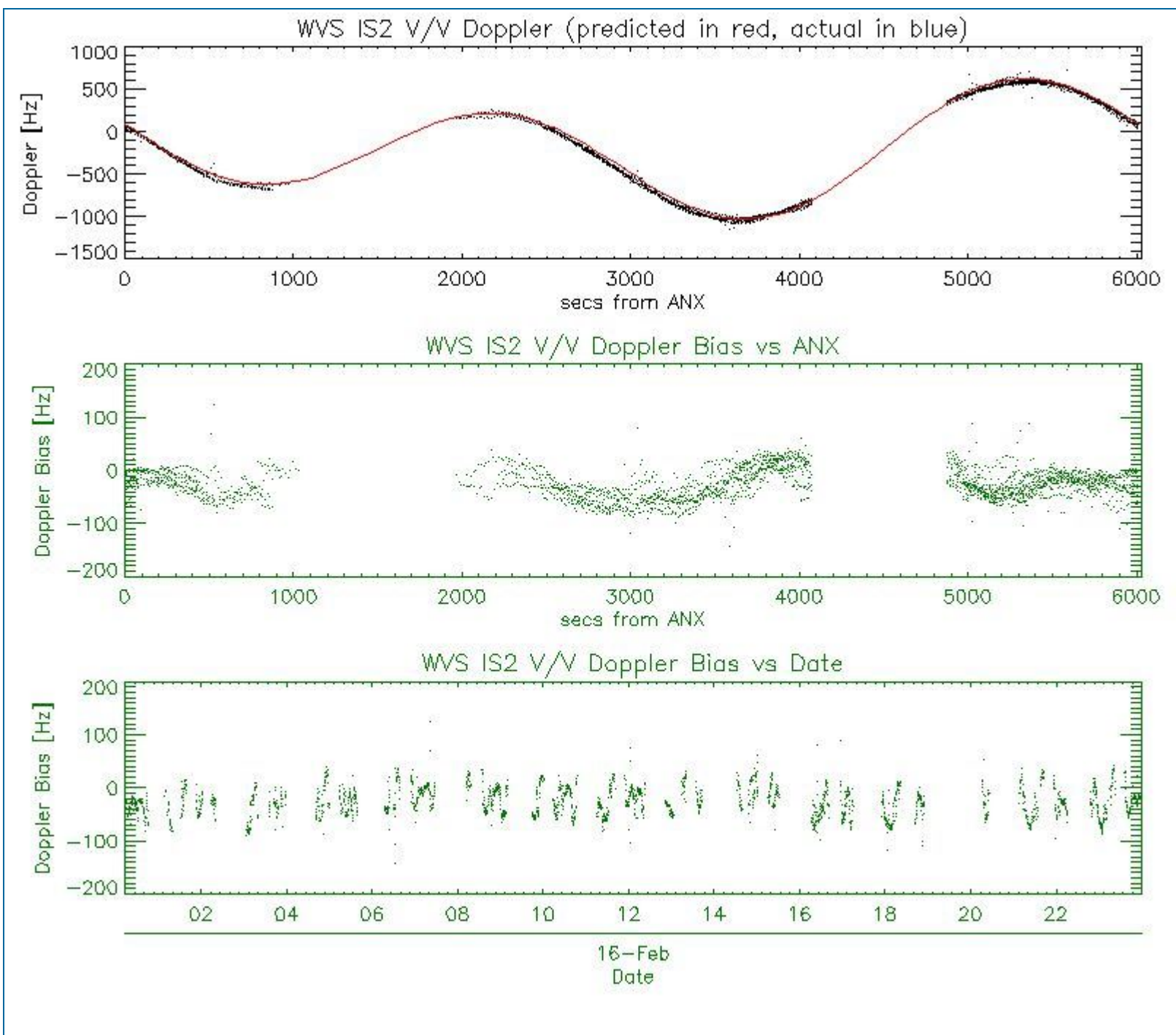




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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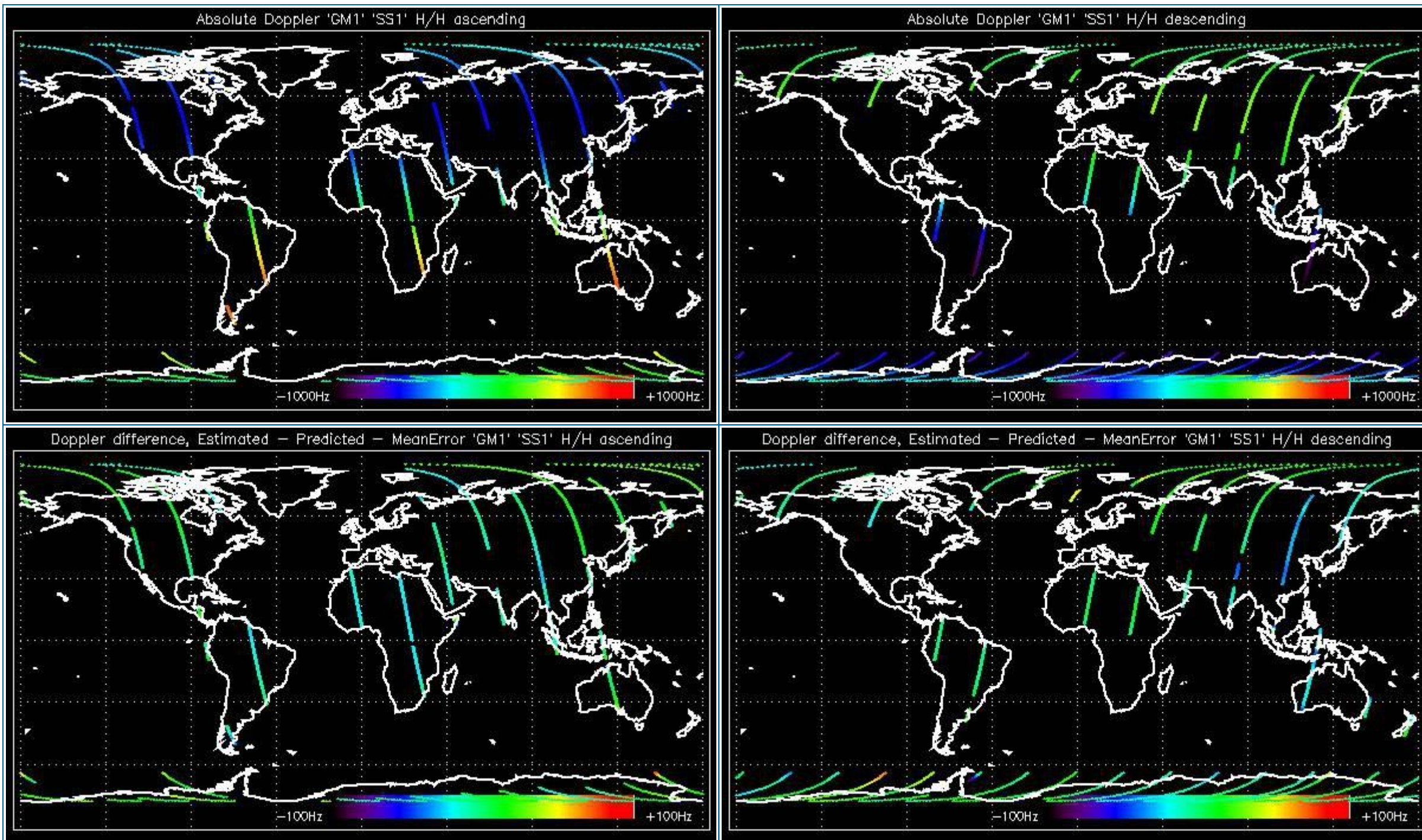


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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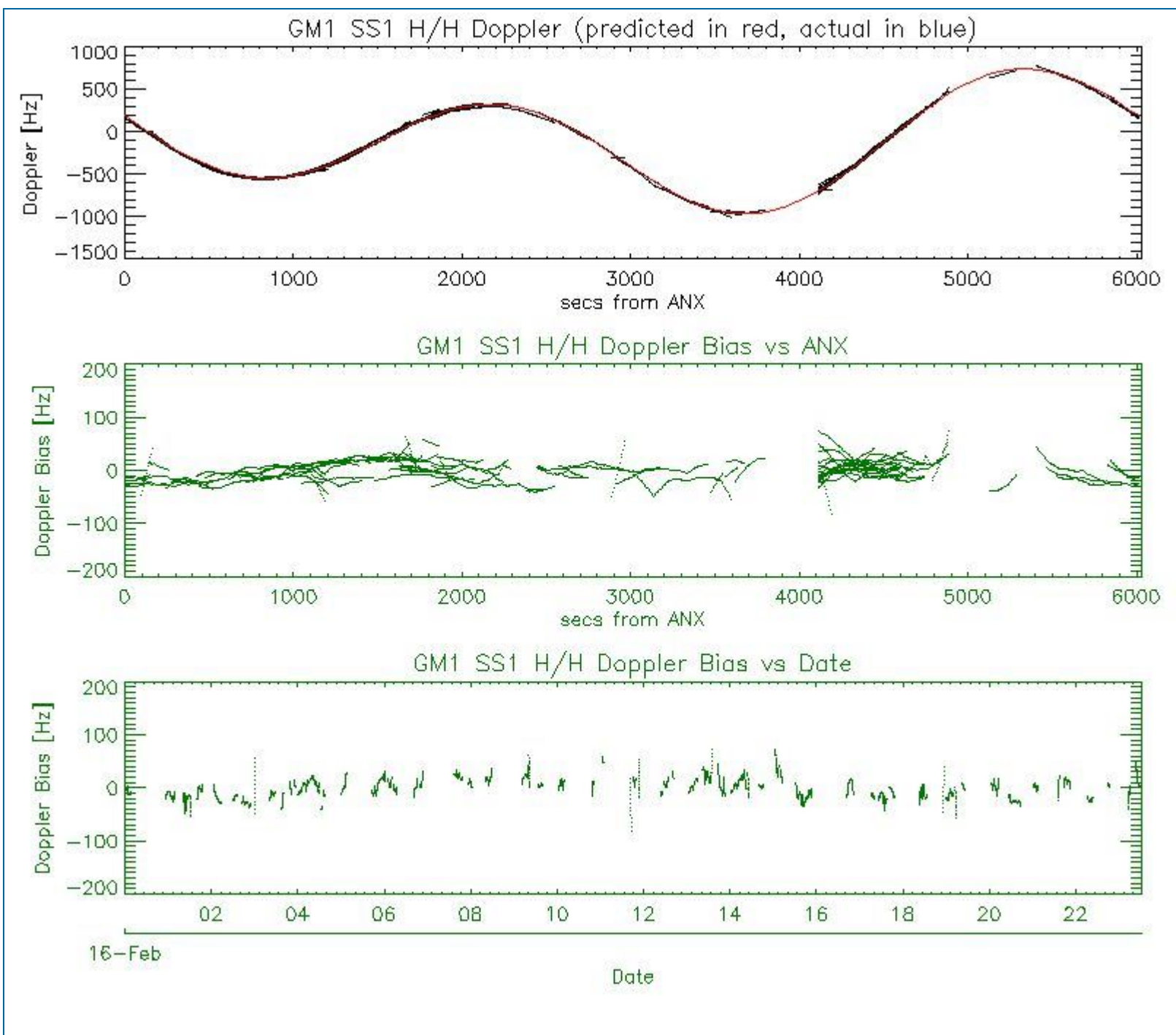




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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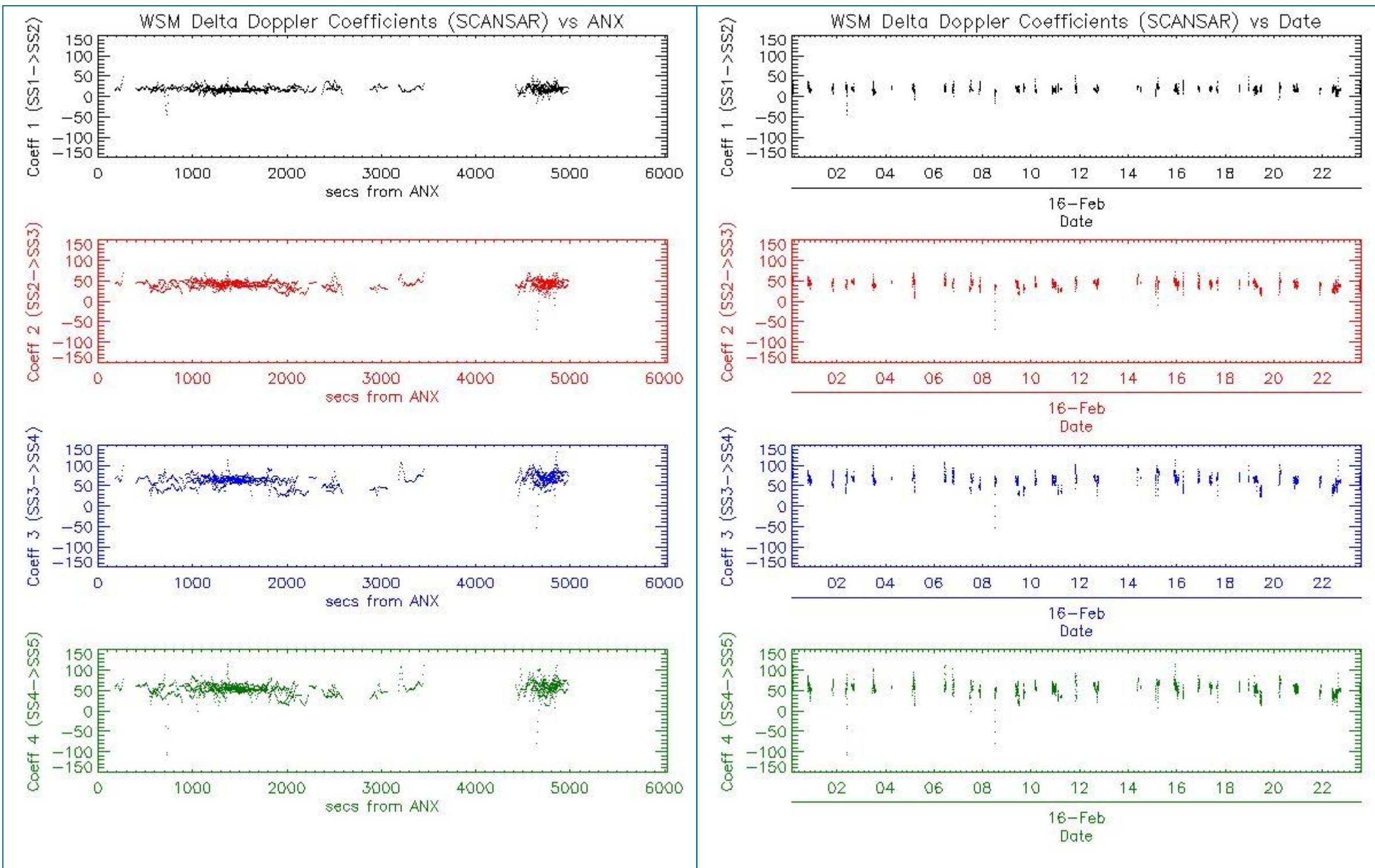




5.3 - Doppler JUMPS Analysis for WSM

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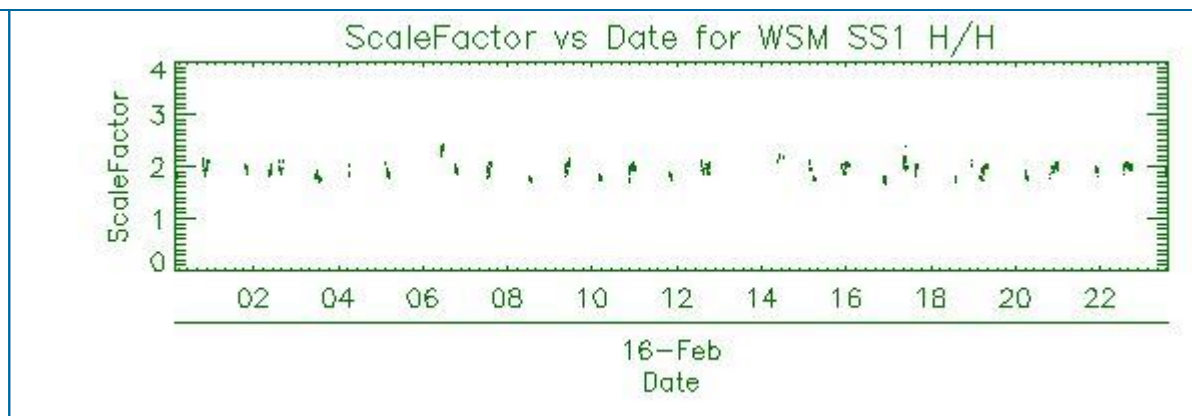
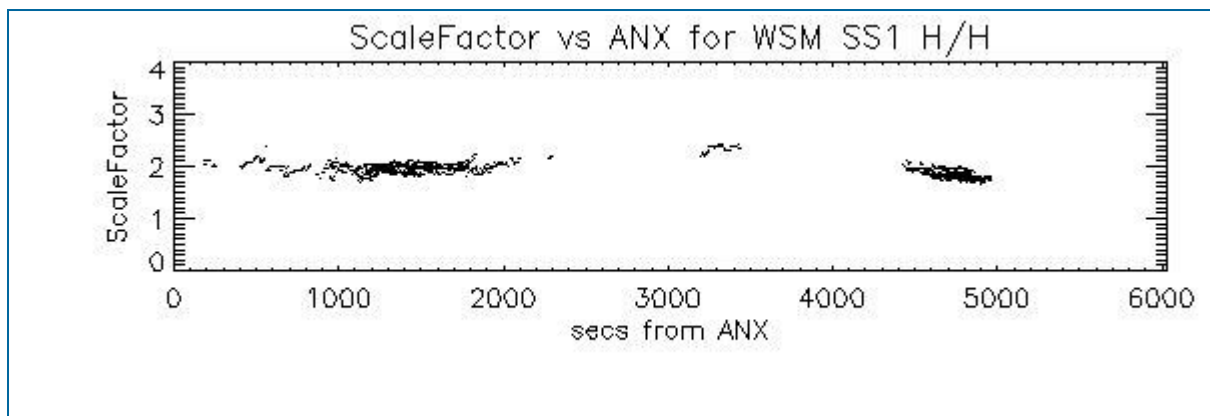
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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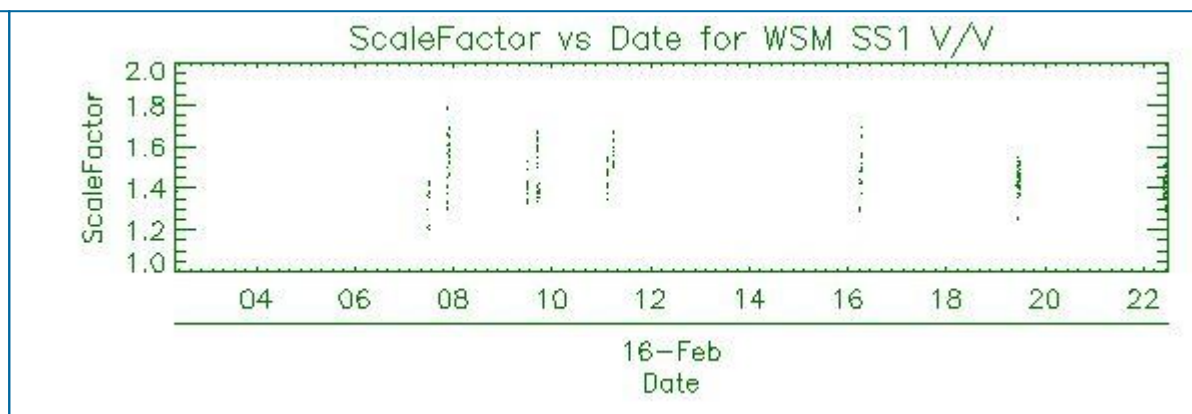
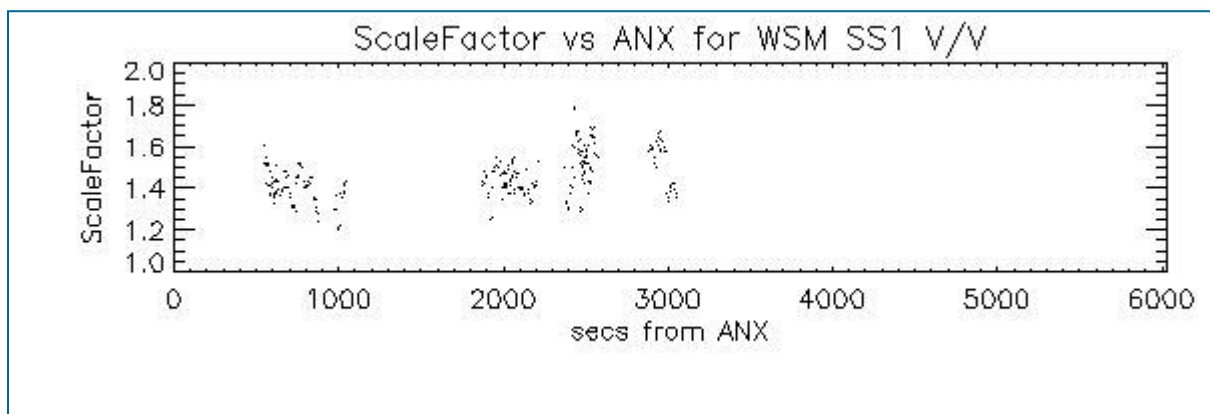




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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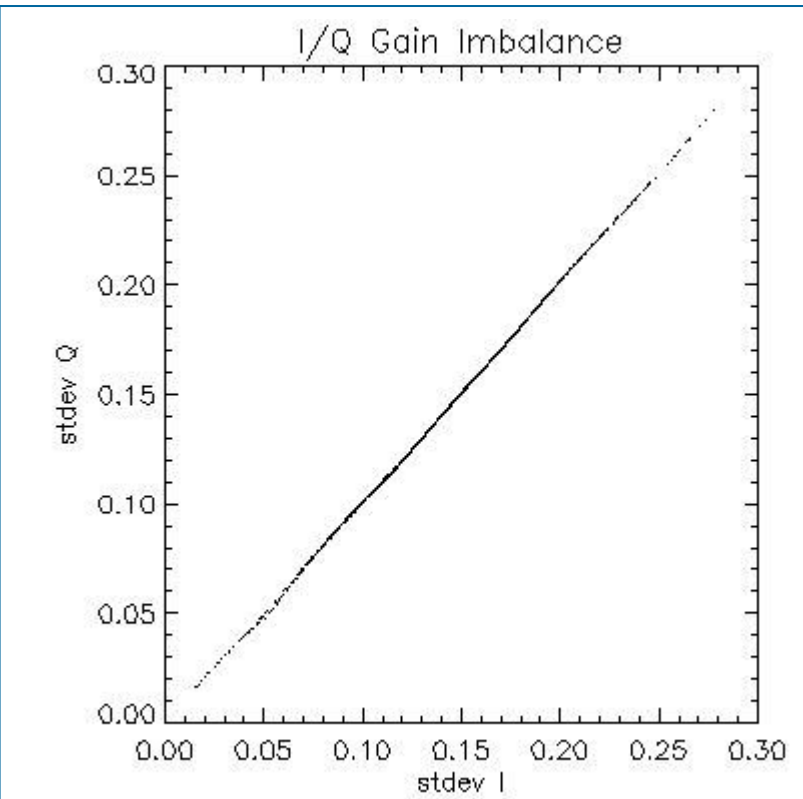
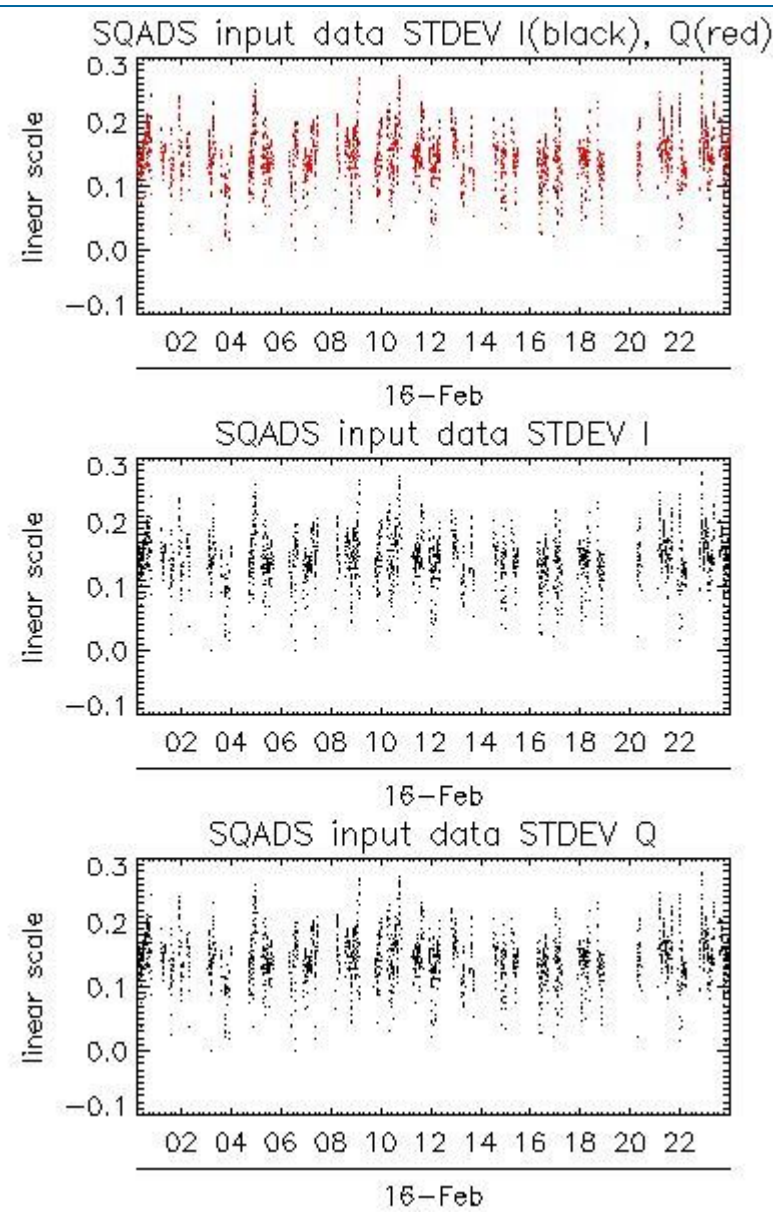
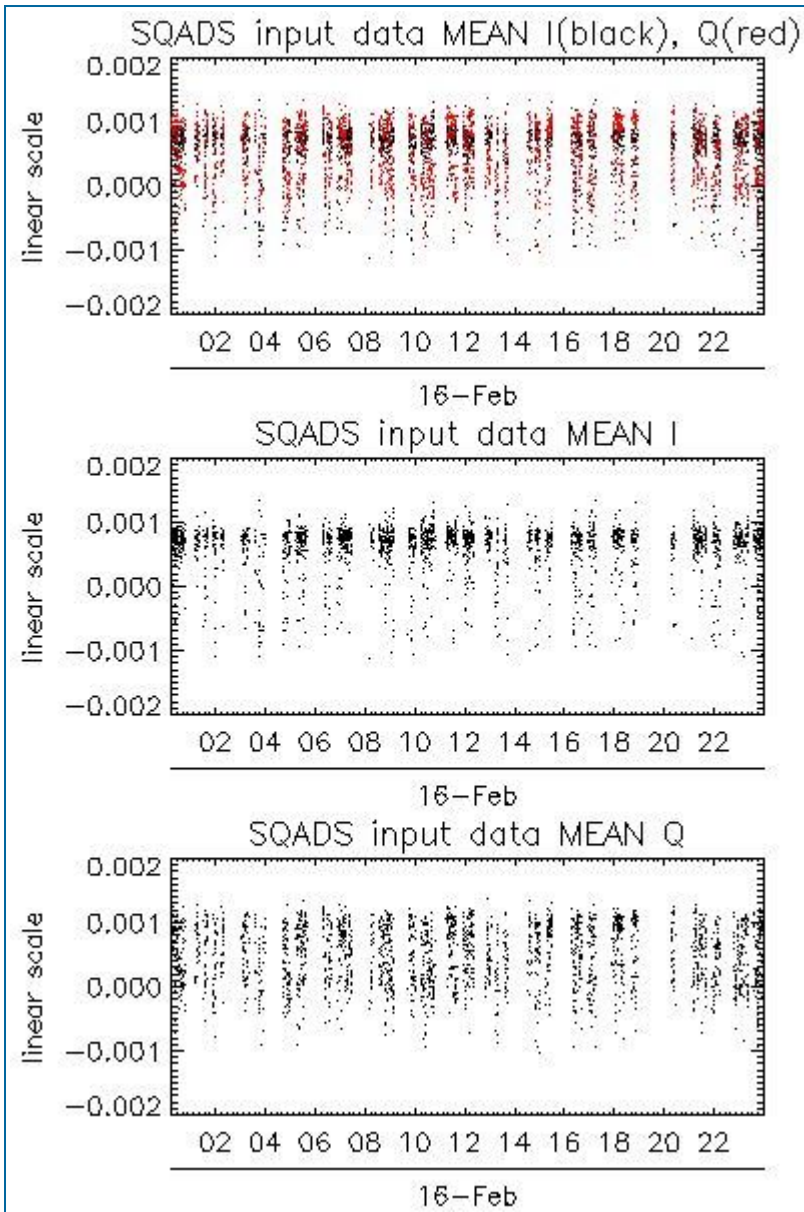


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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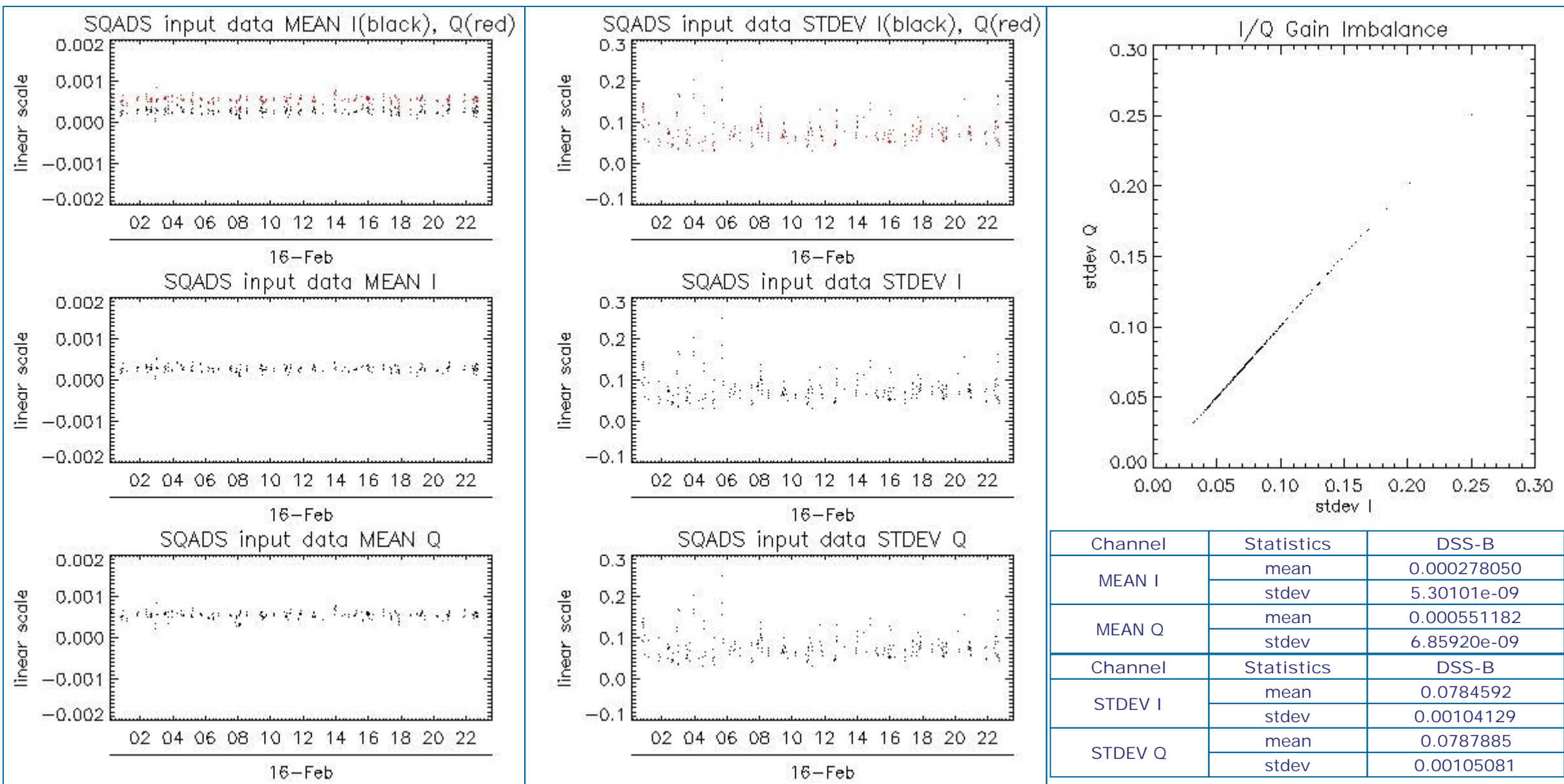


Channel	Statistics	DSS-B
MEAN I	mean	0.000598218
	stdev	1.60992e-07
MEAN Q	mean	0.000492044
	stdev	2.18238e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.145077
	stdev	0.00148604
STDEV Q	mean	0.145620
	stdev	0.00151536

7.2 - Analysis for IMM

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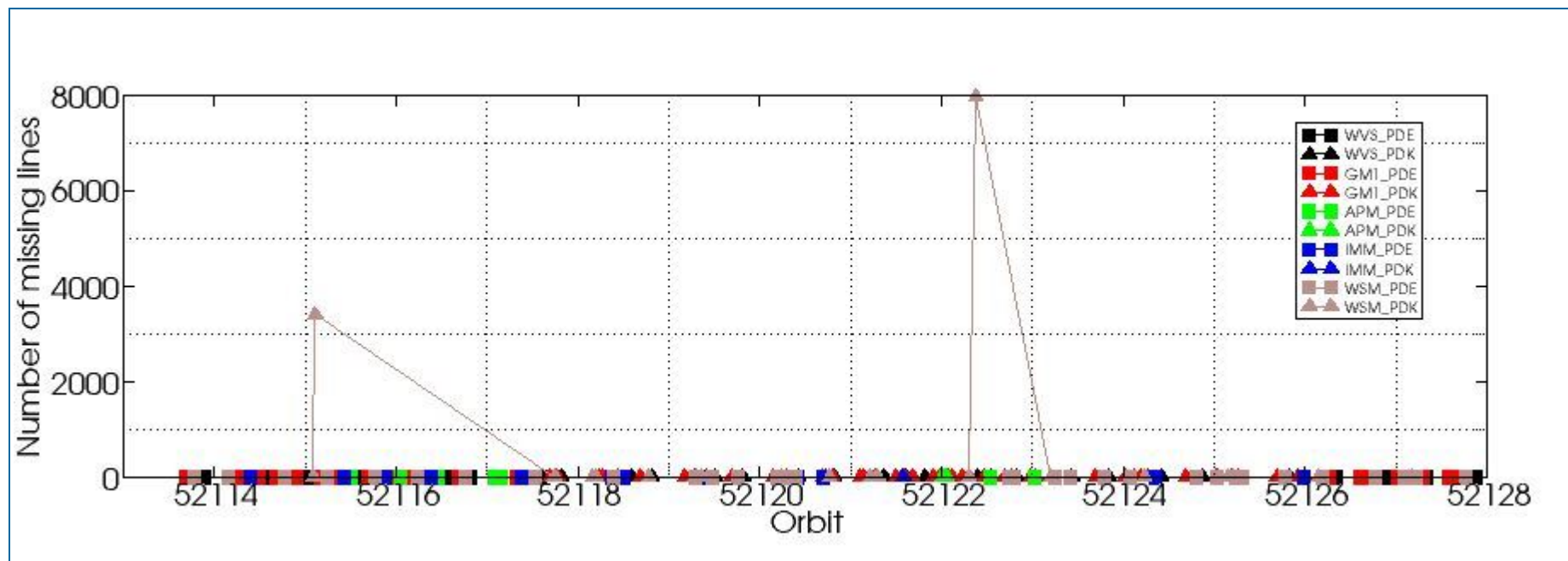


8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120216_001253_000005103111_00375_52113_1786.N1	1	0
PDE	ASA_WVS_1PNPDE20120216_011305_000003943111_00376_52114_1807.N1	0	8
PDE	ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1810.N1	1	0
PDE	ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1812.N1	1	0
PDE	ASA_WVS_1PNPDE20120216_044035_000007793111_00378_52116_1887.N1	1	0
PDE	ASA_WVS_1PNPDE20120216_215602_000003603111_00388_52126_2130.N1	1	0
PDE	ASA_WVS_1PNPDE20120216_233608_000004653111_00389_52127_2160.N1	0	24
PDK	ASA_WVS_1PNPDK20120216_165651_000010943111_00385_52123_7580.N1	1	0
PDK	ASA_WSM_1PNPDK20120216_022240_000002083111_00377_52115_7136.N1	7	3417
PDK	ASA_WSM_1PNPDK20120216_143054_000000733111_00384_52122_7348.N1	43	7971

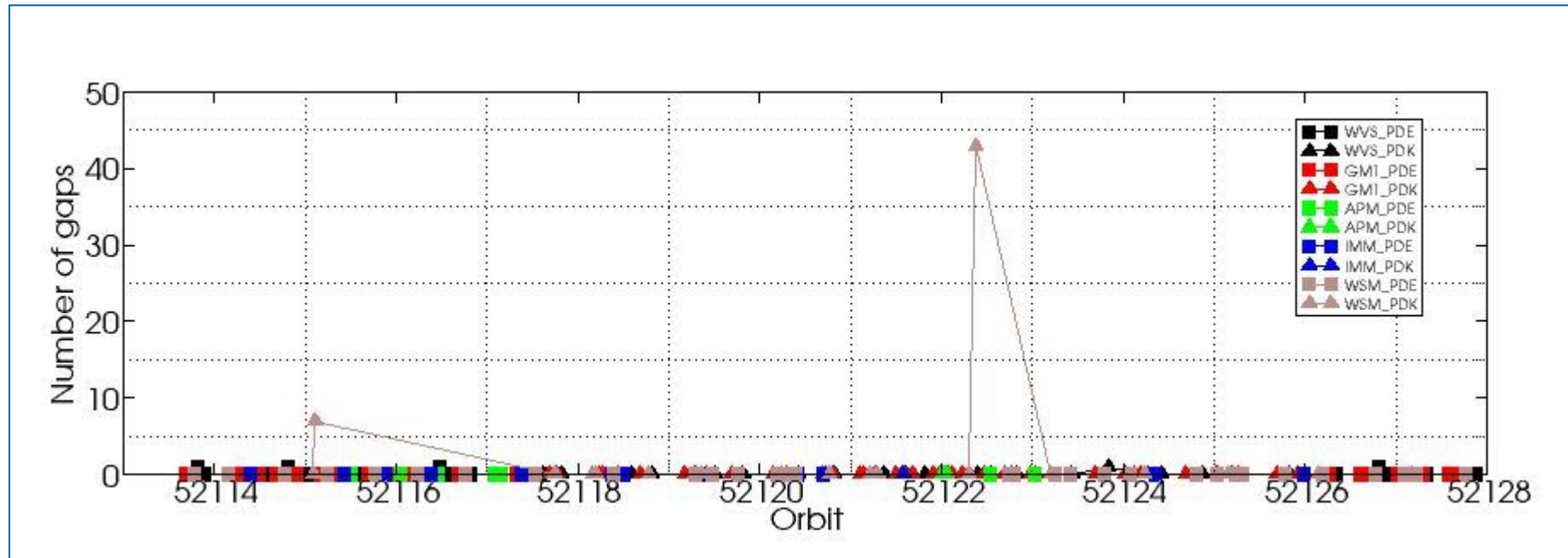
8.1 - Number of Missing lines

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8.2 - Number of Gaps

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ASAR DAILY REPORT for 120216
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-02-16 00:00:00

Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/

DATA SUMMARY

Summary will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120216/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120216/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/AUXILIARY

Creating directory ./RESULTS/DAILY/_120216/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120216*current_3_IECF_ADFs.txt
 Found list 20120216_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/_120216/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120216_001253_000005103111_00375_52113_1786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_002023_000015593111_00375_52113_1805.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_010913_000000753111_00376_52114_1804.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_010913_000000753111_00376_52114_1818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_011305_000003943111_00376_52114_1807.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_013148_000004653111_00376_52114_1809.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1810.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1812.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_015807_000002403111_00376_52114_1823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_021416_000003593111_00377_52115_1828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_030341_000004653111_00377_52115_1826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_031111_000003753111_00377_52115_1869.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20120216_033500_000001053111_00377_52115_1870.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20120216_035817_000000593111_00378_52116_1885.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_044035_000007793111_00378_52116_1887.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_045320_000004053111_00378_52116_1923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_051334_000015443111_00378_52116_1927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_061803_000004043111_00379_52117_1930.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_062959_000001953111_00379_52117_1931.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_210815_000015443111_00388_52126_2128.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_213753_000002703111_00388_52126_2132.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_215602_000003603111_00388_52126_2130.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_220117_000008393111_00388_52126_2152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_224733_000014543111_00389_52127_2156.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_231531_000004203111_00389_52127_2159.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_233608_000004653111_00389_52127_2160.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120216_234308_000015893111_00389_52127_2183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_063259_000003453111_00379_52117_7173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_065357_000020543111_00379_52117_7176.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_081215_000004053111_00380_52118_7204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_083402_000021593111_00380_52118_7206.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_094404_000009903111_00381_52119_7243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_101416_000019943111_00381_52119_7246.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_111540_000015143111_00382_52120_7276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_115439_000016943111_00382_52120_7281.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_125030_000007343111_00383_52121_7302.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_131442_000003903111_00383_52121_7306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_133453_000004653111_00383_52121_7310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_143221_000004343111_00384_52122_7355.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_144756_000008103111_00384_52122_7358.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_151554_000009003111_00384_52122_7361.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_161701_000014693111_00385_52123_7582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_165651_000010943111_00385_52123_7580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_175515_000015893111_00386_52124_7617.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120216_184126_000008243111_00386_52124_7620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WVS_1PNPDK20120216_201615_000005703111_00387_52125_7656.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_GM1.txt...

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ASA_GM1_1PNPDE20120216_014017_000004893111_00376_52114_1814.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_APM.txt...

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ASA_APM_1PNPDK20120216_135552_000000563111_00384_52122_7320.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120216_135730_000000633111_00384_52122_7325.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120216_135908_000000703111_00384_52122_7323.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120216_135908_000000703111_00384_52122_7324.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20120216_011137_000000823111_00376_52114_1802.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_025431_000001083111_00377_52115_1820.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_034010_000001303111_00377_52115_1871.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_043026_000000783111_00378_52116_1862.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_061017_000001603111_00379_52117_1920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_075051_000000693111_00380_52118_1965.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_080315_000004843111_00380_52118_1972.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_093049_000000383111_00381_52119_2000.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_111456_000000373111_00382_52120_2038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_114306_000001393111_00382_52120_2042.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_174841_000003883111_00386_52124_2109.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120216_203317_000000373111_00387_52125_2126.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7312.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7315.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...



Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_120216/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20120216_000846_000002263111_00375_52113_1773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_004707_000005513111_00376_52114_1801.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_014828_000002263111_00376_52114_1803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_023638_000003303111_00377_52115_1824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_032828_000003923111_00377_52115_1867.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_041521_000000923111_00378_52116_1880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_050738_000003303111_00378_52116_1916.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_062529_000002693111_00379_52117_1925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_075211_000001903111_00380_52118_1969.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_092200_000001353111_00381_52119_1999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_094055_000001903111_00381_52119_2004.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_100938_000002143111_00381_52119_2039.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_105140_000002513111_00382_52120_2040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2034.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2035.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2036.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_111326_000000923111_00382_52120_2037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_150747_000001283111_00384_52122_2095.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_151322_000001533111_00384_52122_2096.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_155814_000003363111_00385_52123_2099.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_161449_000001353111_00385_52123_2100.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_165320_000002143111_00385_52123_2098.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_172044_000003123111_00386_52124_2104.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_183337_000001533111_00386_52124_2108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_185713_000000923111_00387_52125_2110.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_191709_000002453111_00387_52125_2114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_192521_000002883111_00387_52125_2116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_201244_000002143111_00387_52125_2115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_205401_000003923111_00388_52126_2129.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_215226_000002203111_00388_52126_2125.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_222400_000003433111_00389_52127_2140.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_223734_000004343111_00389_52127_2168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120216_233127_000002513111_00389_52127_2151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_022059_000000983111_00377_52115_7135.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_022240_000002083111_00377_52115_7136.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_064610_000001903111_00379_52117_7185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_072850_000000923111_00380_52118_7186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_073129_000002693111_00380_52118_7187.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_083006_000002143111_00380_52118_7212.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_083006_000002143111_00380_52118_7213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_092200_000003733111_00381_52119_7214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_092834_000000923111_00381_52119_7218.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_105636_000003553111_00382_52120_7254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_114918_000002143111_00382_52120_7311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_123514_000002753111_00383_52121_7288.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_124247_000002453111_00383_52121_7289.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_142308_000000733111_00384_52122_7329.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_143054_000000733111_00384_52122_7348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_155350_000003003111_00385_52123_7370.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_173737_000002143111_00386_52124_7600.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_190958_000001533111_00387_52125_7630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_191411_000002083111_00387_52125_7632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_204857_000002693111_00388_52126_7664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120216_223234_000002693111_00389_52127_7682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120216/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120216/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120216_063925_000000163111_00379_52117_1035.N1
H
H
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120216_063925-20010209_135042.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120216_063925-20010209_135042.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120216_063925-20010209_135042.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120216_063925-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120216_081938_000000163111_00380_52118_1036.N1
V
V
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120216_081938-20010209_140823.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120216_081938-20010209_140823.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120216_081938-20010209_140823.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120216_081938-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20120215_071610_000000163111_00365_52103_1033.N1
Test product: ASA_MS__0PNPDK20120216_063925_000000163111_00379_52117_1035.N1
H
H
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120216_063925-20120215_071610.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120216_063925-20120215_071610.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120216_063925-20120215_071610.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120216_063925-20120215_071610.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120215_085624_000000163111_00366_52104_1034.N1
Test product: ASA_MS__0PNPDK20120216_081938_000000163111_00380_52118_1036.N1
V
V
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120216_081938-20120215_085624.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120216_081938-20120215_085624.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120216_081938-20120215_085624.png
../../RESULTS/DAILY/_120216/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120216_081938-20120215_085624.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120216/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing products WVS IS2 V/V

1 78337 7 78337

Writing image ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 36609 7 36609

Writing image ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-16_1.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-16_2.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-16_3.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-16_4.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120216//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 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-16_1.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-16_2.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-16_3.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-16 00:00:00 to 2012-02-16 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120216/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-16_4.dat...

Writing ../../RESULTS/DAILY/_120216//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...



CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_120216/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DOPPLER/Doppler_data_WVS_IS2_VV_2012-02-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120216/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DOPPLER/Doppler_data_GM1_SS1_HH_2012-02-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120216/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/DOPPLER/Doppler_Jumps_data_WSM_2012-02-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120216/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_120216/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing products WVS IS2 V/V

1092
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -25.970666 Hz
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1358
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...

Mean error = -24.528442 Hz
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2438
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = 2.2829113 Hz
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

2231
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -4.9523887 Hz
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120216//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120216/CHIRP...

CHIRP Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-02-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120216/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120216/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-02-16.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120216/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120216/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/RAW_DATA

Creating directory ./RESULTS/DAILY/_120216/RAW_DATA...

Getting raw data for WVS from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/RAW_DATA/Raw_data_WVS_2012-02-16.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-02-16 00:00:00 to 2012-02-16 23:59:59...
Writing file ./RESULTS/DAILY/_120216/RAW_DATA/Raw_data_IMM_2012-02-16.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120216/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-02-16 00:00:00 to 2012-02-16 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120216/TELEMETRY

Creating directory ./RESULTS/DAILY/_120216/TELEMETRY...

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

Checking 30 products from PDE...
Found product...ASA_WVS_1PNPDE20120216_001253_000005103111_00375_52113_1786.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120216_011305_000003943111_00376_52114_1807.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1810.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120216_015306_000003453111_00376_52114_1812.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120216_044035_000007793111_00378_52116_1887.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120216_215602_000003603111_00388_52126_2130.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120216_233608_000004653111_00389_52127_2160.N1 / 0 gaps / 24 missing lines
Checking 19 products from PDK...
Found product...ASA_WVS_1PNPDK20120216_165651_000010943111_00385_52123_7580.N1 / 1 gaps / 0 missing lines

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

Checking 29 products from PDE...
Checking 45 products from PDK...

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

Checking 11 products from PDE...
Checking 6 products from PDK...

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



Checking 12 products from PDE...
Checking 2 products from PDK...

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

Checking 33 products from PDE...
Checking 21 products from PDK...

Found product...ASA_WSM_1PNPDK20120216_022240_000002083111_00377_52115_7136.N1 / 7 gaps / 3417 missing lines
Found product...ASA_WSM_1PNPDK20120216_143054_00000733111_00384_52122_7348.N1 / 43 gaps / 7971 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120216/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_120216/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_120216/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_1PNPDE20120216_025730_000001353111_00377_52115_1821.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_030137_000001183111_00377_52115_1822.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_035636_000000943111_00378_52116_1878.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_043401_000000493111_00378_52116_1863.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_043800_000001143111_00378_52116_1865.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_054000_000000923111_00379_52117_1917.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_054725_000000413111_00379_52117_1919.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_080155_000000433111_00380_52118_1970.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_093241_000000443111_00381_52119_2002.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_144628_000000433111_00384_52122_2094.N1		OK	OK	OK
ASA_APM_1PNPDE20120216_153623_000000703111_00385_52123_2097.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135429_000000573111_00384_52122_7321.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135552_000000563111_00384_52122_7319.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135552_000000563111_00384_52122_7320.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135730_000000633111_00384_52122_7325.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135908_000000703111_00384_52122_7323.N1		OK	OK	OK
ASA_APM_1PNPDK20120216_135908_000000703111_00384_52122_7324.N1		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_1PNPDE20120216_005627_000007673111_00376_52114_1806.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_012021_000006833111_00376_52114_1808.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_014017_000004893111_00376_52114_1814.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_020247_000006893111_00376_52114_1825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_022929_000004223111_00377_52115_1833.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_024214_000007373111_00377_52115_1829.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_030005_000008843111_00377_52115_1827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_032031_000004713111_00377_52115_1872.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_033726_000001633111_00377_52115_1877.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_034906_000001443111_00377_52115_1875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_035432_000001203111_00378_52116_1873.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_040008_000009123111_00378_52116_1879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_041655_000008103111_00378_52116_1881.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_043156_000001203111_00378_52116_1883.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_043509_000001693111_00378_52116_1888.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_050042_000004103111_00378_52116_1924.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_054153_000003323111_00379_52117_1926.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_054828_000008043111_00379_52117_1929.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_060529_000002893111_00379_52117_1928.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_061307_000002953111_00379_52117_1932.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_210038_000004533111_00388_52126_2127.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_213448_000001813111_00388_52126_2133.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_214302_000005613111_00388_52126_2131.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_221600_000004773111_00389_52127_2153.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_224501_000001503111_00389_52127_2154.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_231239_000000783111_00389_52127_2157.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_231410_000000723111_00389_52127_2158.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120216_232318_000004833111_00389_52127_2161.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_064056_000003083111_00379_52117_7174.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_064921_000002713111_00379_52117_7175.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_073603_000003083111_00380_52118_7177.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_074007_000004833111_00380_52118_7202.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_075531_000003863111_00380_52118_7203.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_082109_000005313111_00380_52118_7205.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_091039_000006653111_00381_52119_7207.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_092037_000000723111_00381_52119_7241.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_093343_000004283111_00381_52119_7242.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_100127_000004893111_00381_52119_7244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_104814_000002053111_00382_52120_7247.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_110237_000000963111_00382_52120_7274.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_114139_000008843111_00382_52120_7275.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_114537_000002173111_00382_52120_7277.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_115256_000000963111_00382_52120_7278.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_122340_000001503111_00383_52121_7279.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_122750_000004413111_00383_52121_7280.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_123952_000001693111_00383_52121_7301.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_130333_000004473111_00383_52121_7303.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_131248_000001083111_00383_52121_7304.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_132152_000007793111_00383_52121_7305.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_134325_000003803111_00383_52121_7309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_135045_000002233111_00383_52121_7308.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_140038_000001573111_00384_52122_7307.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_140452_000007853111_00384_52122_7316.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_141642_000003863111_00384_52122_7353.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_142430_000008843111_00384_52122_7354.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_144026_000003623111_00384_52122_7356.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_150207_000003383111_00384_52122_7357.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_151000_000001993111_00384_52122_7359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_153129_000002953111_00384_52122_7360.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_153754_000009553111_00385_52123_7362.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_164220_000006283111_00385_52123_7581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_171547_000002953111_00386_52124_7583.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_172605_000004833111_00386_52124_7584.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_173256_000002773111_00386_52124_7615.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120216_174115_000004473111_00386_52124_7616.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_182234_000006283111_00386_52124_7619.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_185553_000000723111_00387_52125_7618.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_185849_000006653111_00387_52125_7621.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_191234_000000903111_00387_52125_7651.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_192120_000002353111_00387_52125_7652.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_200250_000005923111_00387_52125_7654.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_202624_000004163111_00387_52125_7655.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120216_203405_000005493111_00387_52125_7657.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_1PNPDE20120216_011137_000000823111_00376_52114_1802.N1				
ASA_IMM_1PNPDE20120216_025431_000001083111_00377_52115_1820.N1				
ASA_IMM_1PNPDE20120216_034010_000001303111_00377_52115_1871.N1				
ASA_IMM_1PNPDE20120216_043026_000000783111_00378_52116_1862.N1				
ASA_IMM_1PNPDE20120216_061017_000001603111_00379_52117_1920.N1				
ASA_IMM_1PNPDE20120216_075051_000000693111_00380_52118_1965.N1				
ASA_IMM_1PNPDE20120216_080315_000004843111_00380_52118_1972.N1				
ASA_IMM_1PNPDE20120216_093049_000000383111_00381_52119_2000.N1				
ASA_IMM_1PNPDE20120216_111456_000000373111_00382_52120_2038.N1				
ASA_IMM_1PNPDE20120216_114306_000001393111_00382_52120_2042.N1				
ASA_IMM_1PNPDE20120216_174841_000003883111_00386_52124_2109.N1				
ASA_IMM_1PNPDE20120216_203317_000000373111_00387_52125_2126.N1				
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7312.N1				
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7315.N1				

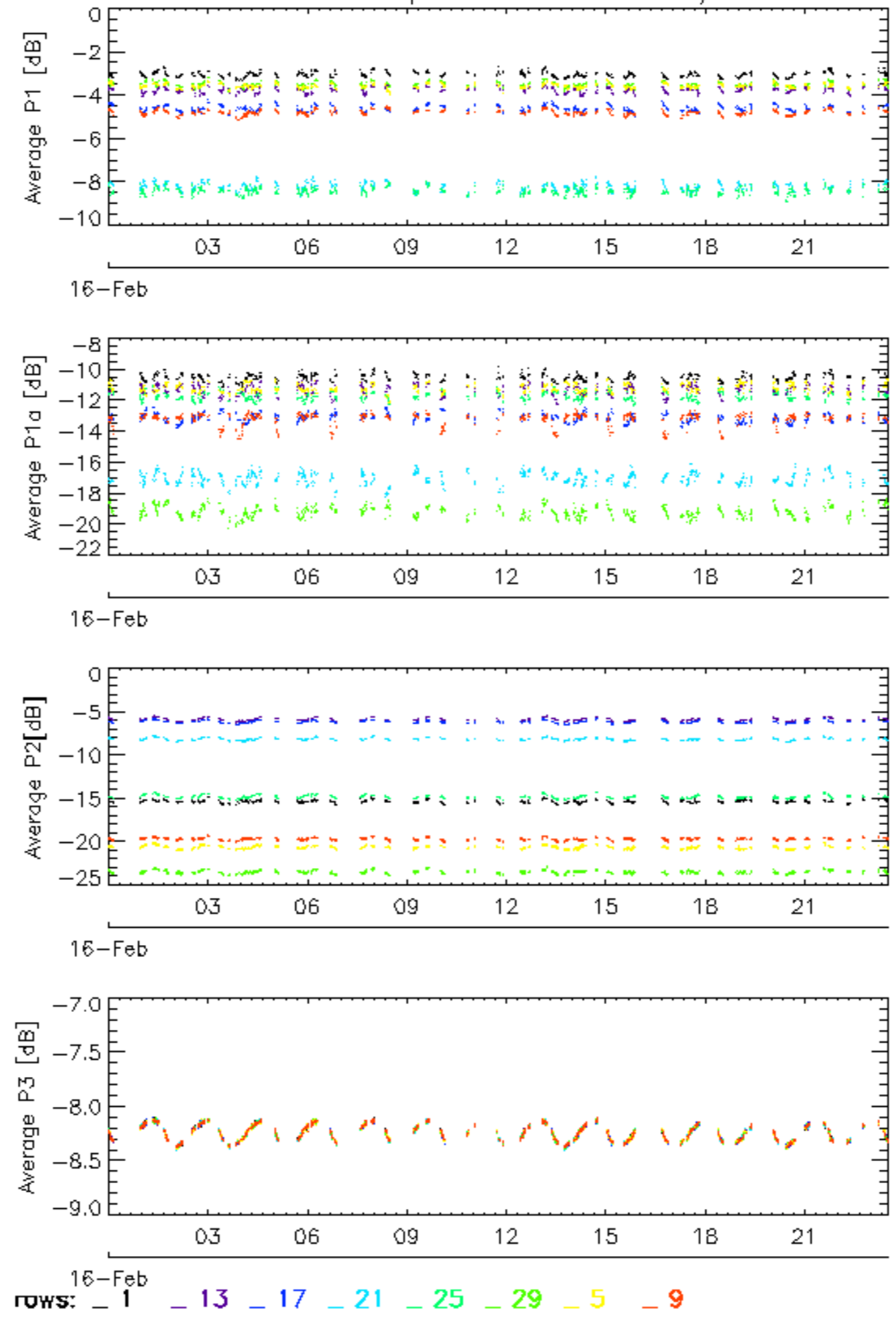
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120216_000846_000002263111_00375_52113_1773.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_004707_000005513111_00376_52114_1801.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_014828_000002263111_00376_52114_1803.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_023638_000003303111_00377_52115_1824.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_032828_000003923111_00377_52115_1867.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_041521_000000923111_00378_52116_1880.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_050738_000003303111_00378_52116_1916.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_062529_000002693111_00379_52117_1925.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_075211_000001903111_00380_52118_1969.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_092200_000001353111_00381_52119_1999.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_094055_000001903111_00381_52119_2004.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_100938_000002143111_00381_52119_2039.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_105140_000002513111_00382_52120_2040.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2034.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2035.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_110614_000000983111_00382_52120_2036.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_111326_000000923111_00382_52120_2037.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_150747_000001283111_00384_52122_2095.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120216_151322_000001533111_00384_52122_2096.N1					OK	OK	OK	OK
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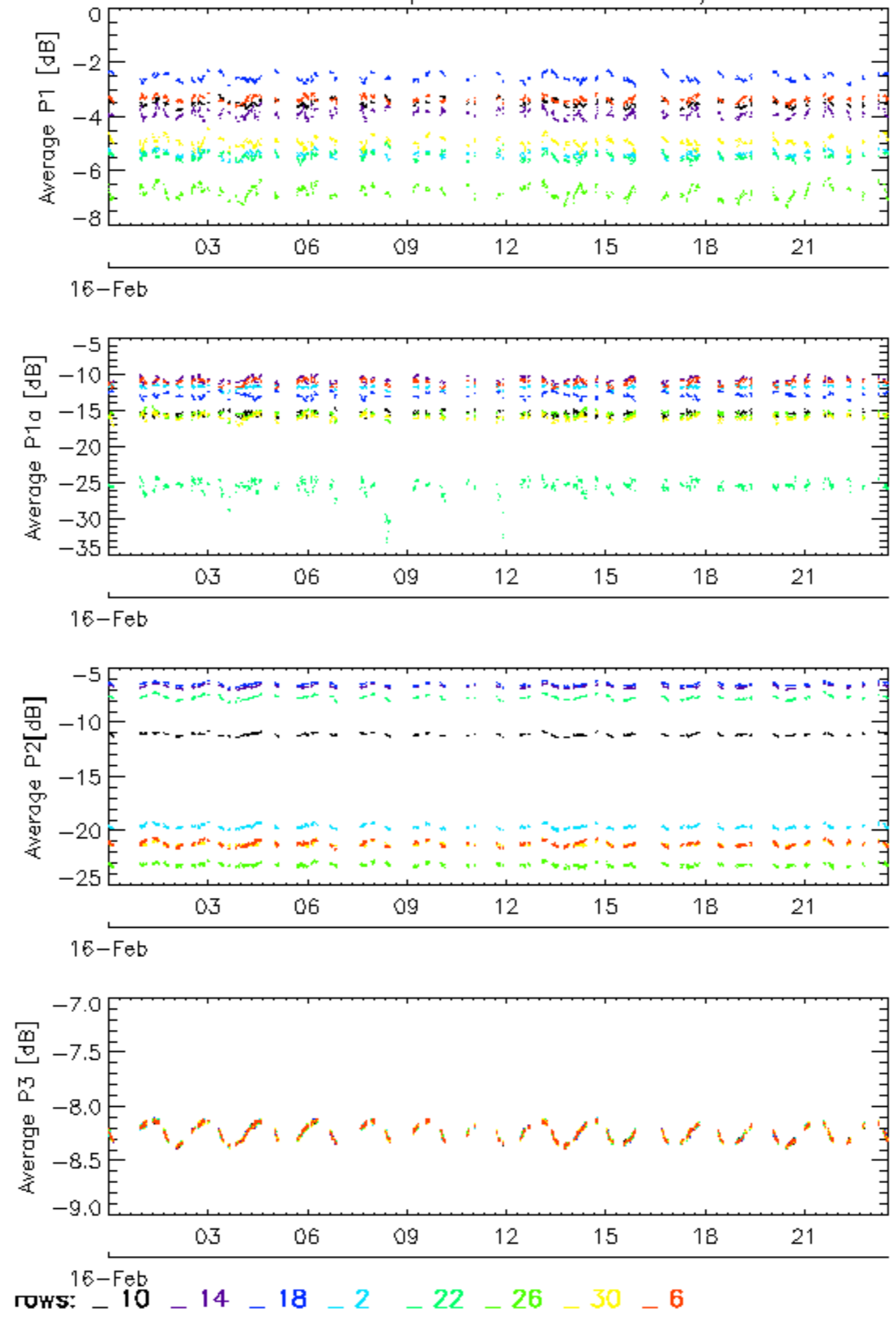
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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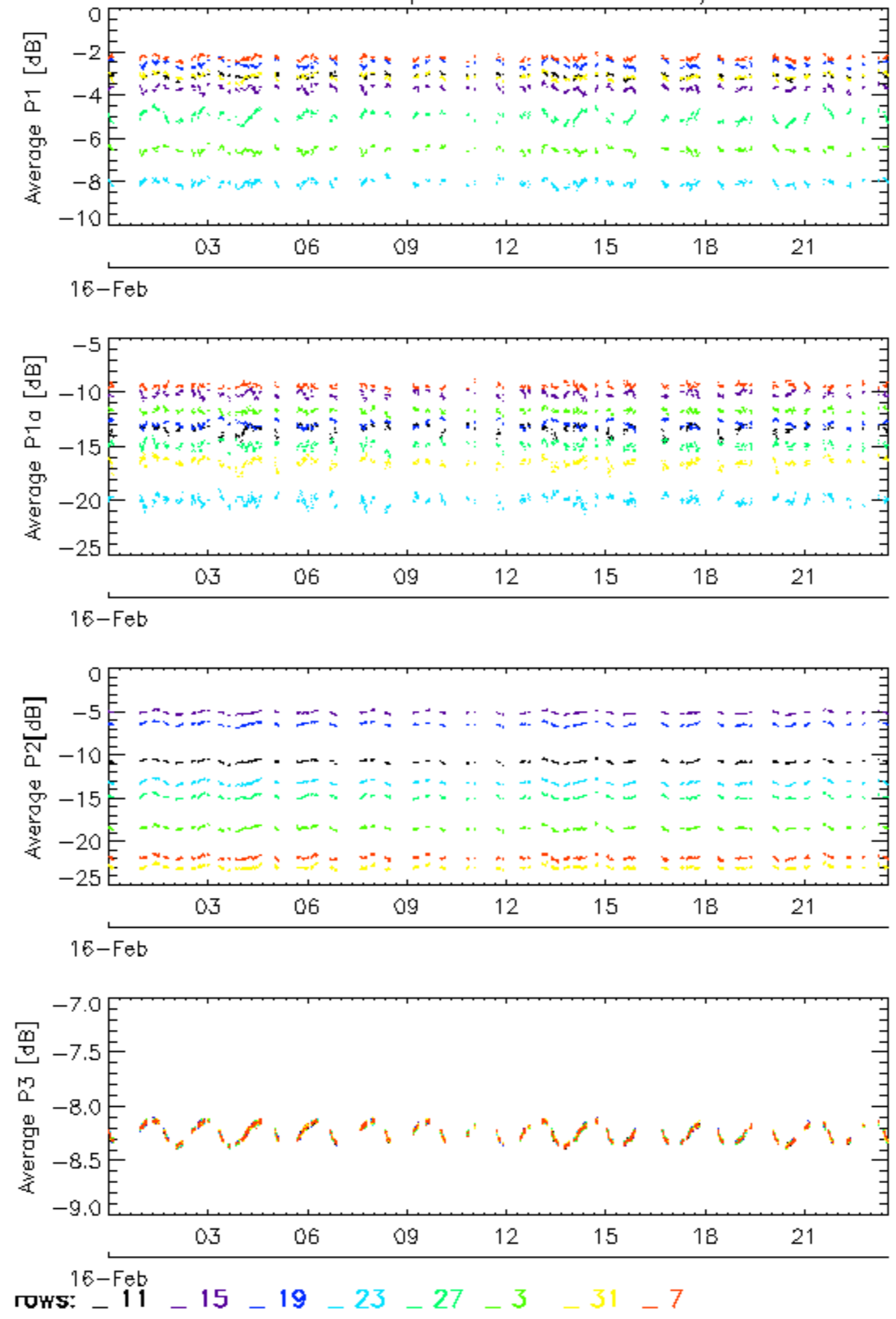
Calibration pulses for GM1 SS3 H/H



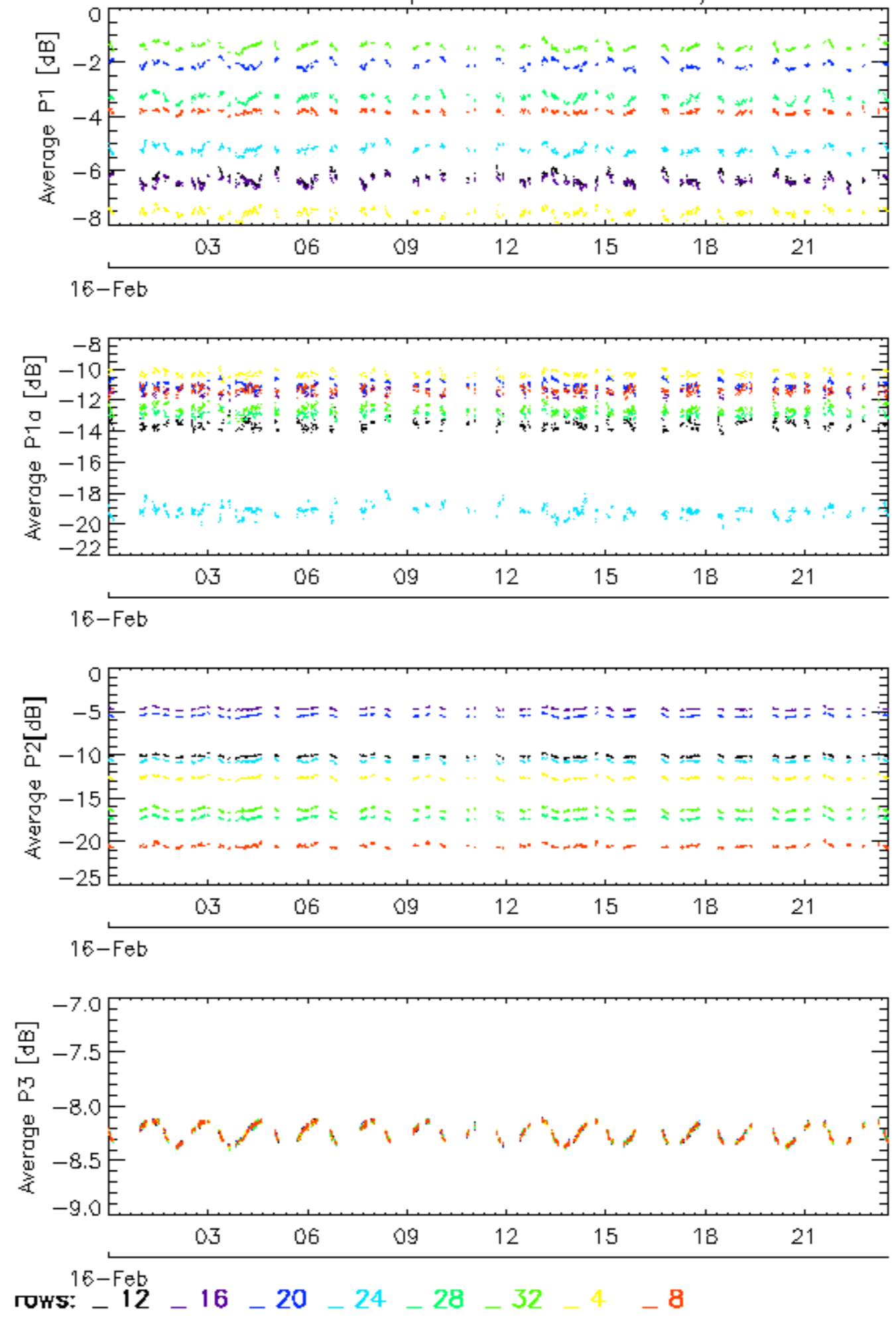
Calibration pulses for GM1 SS3 H/H



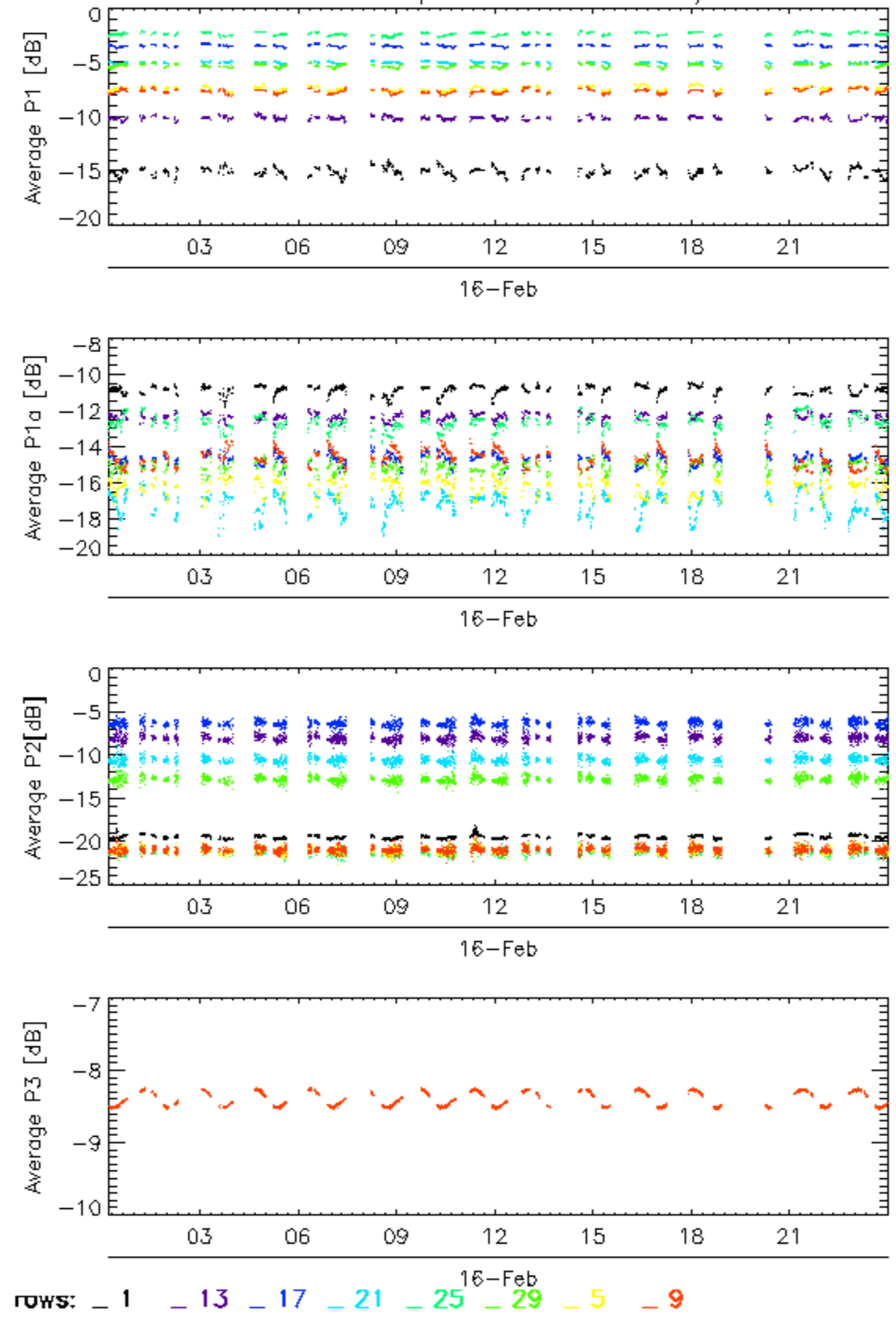
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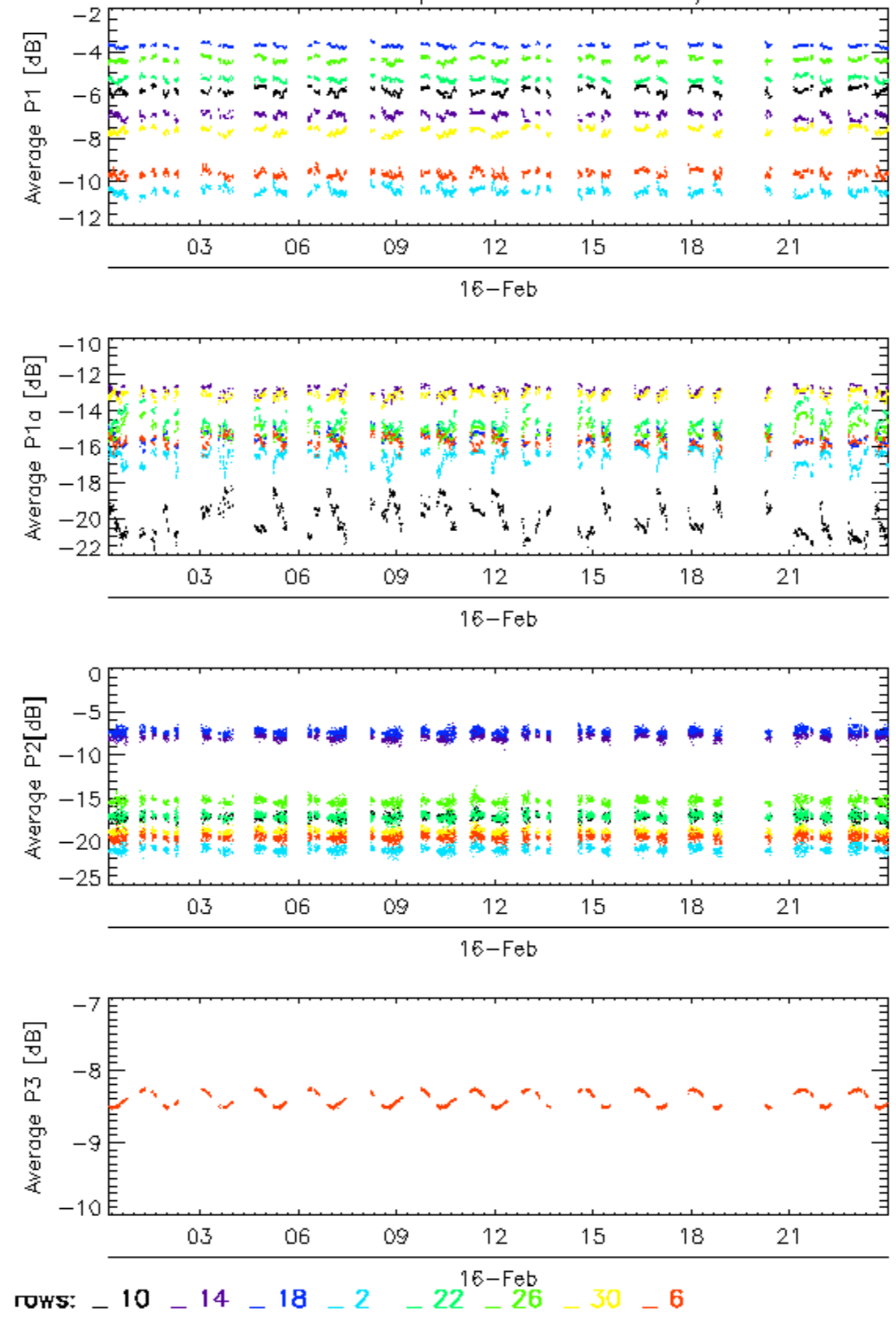
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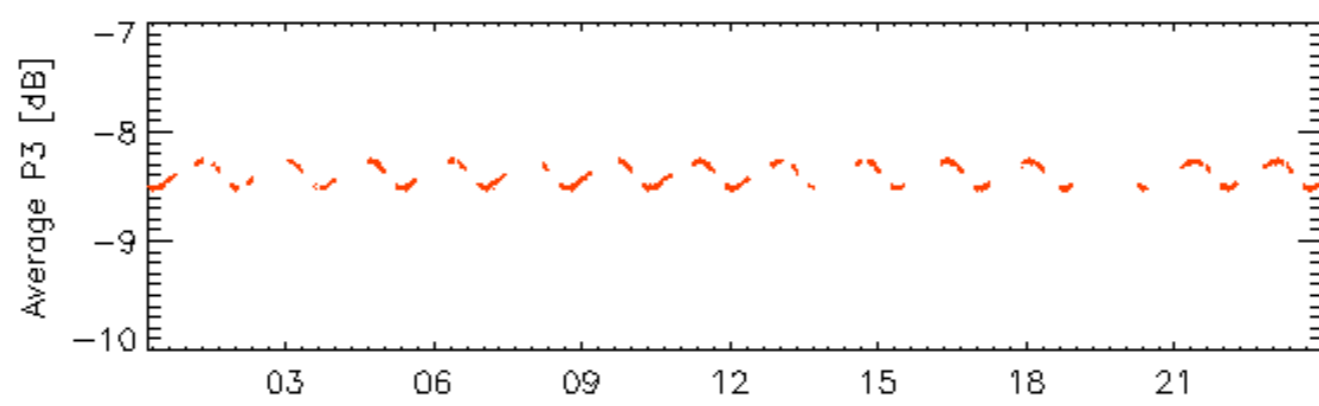
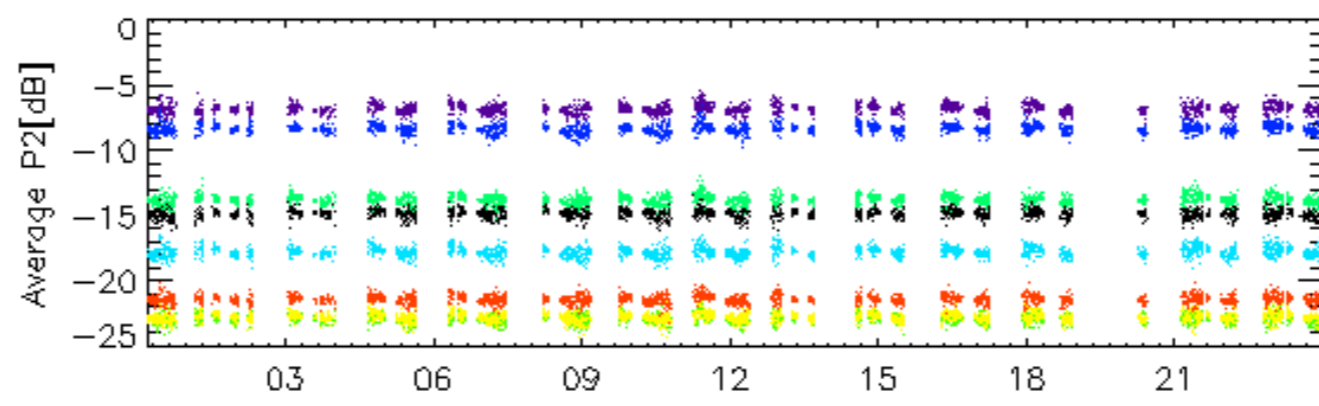
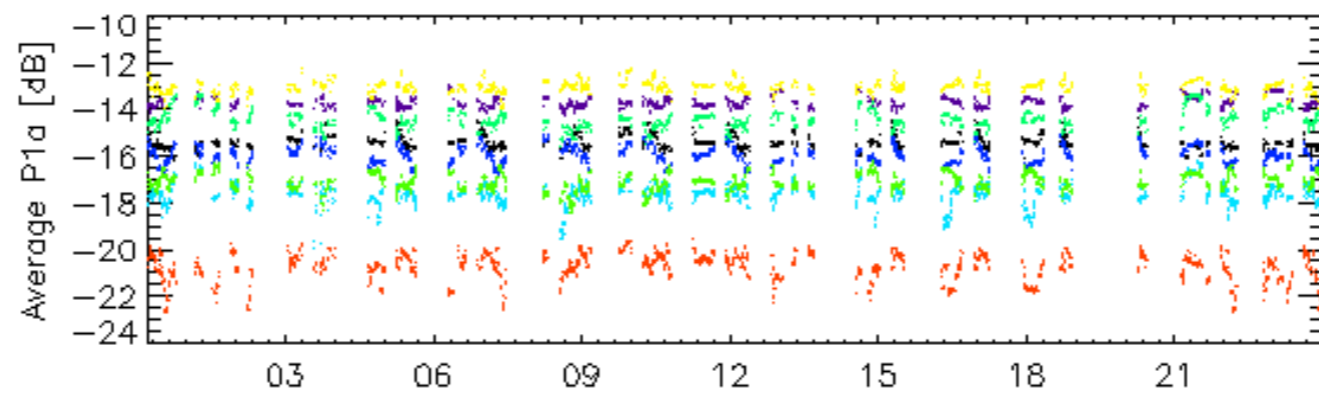
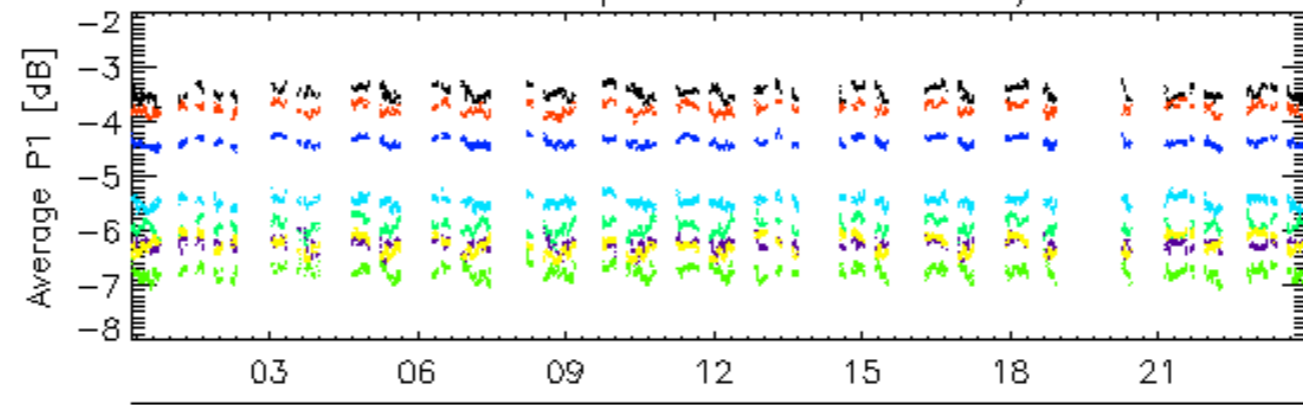
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

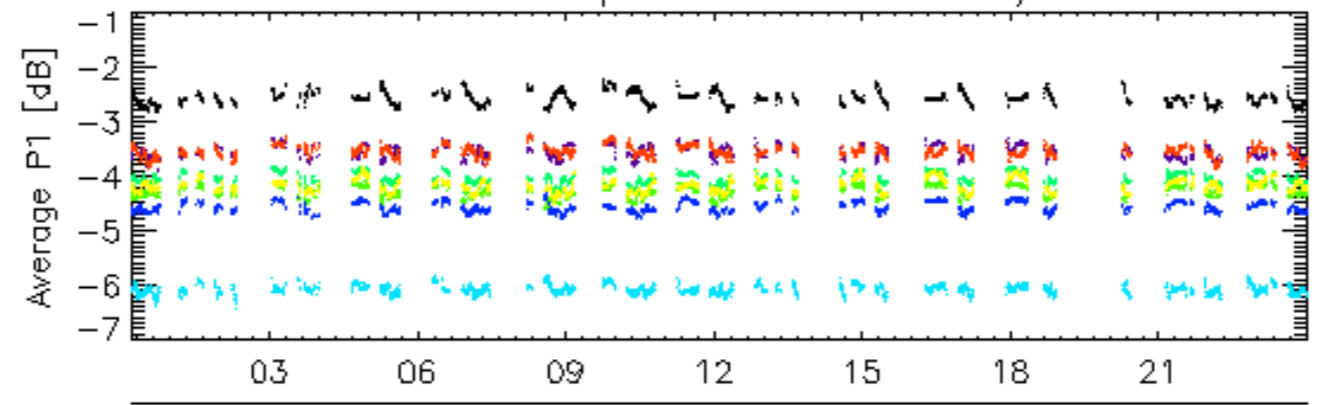


Calibration pulses for WVS IS2 V/V

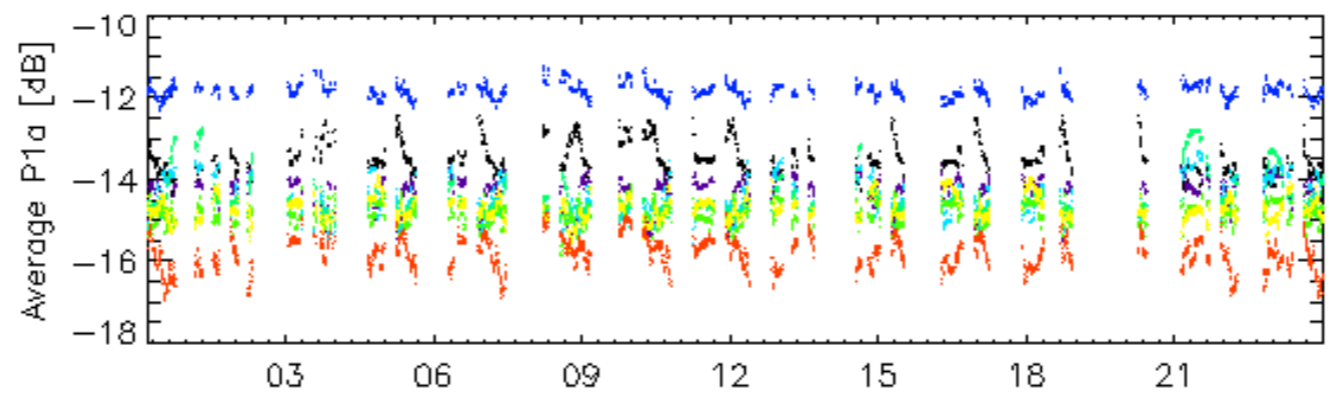


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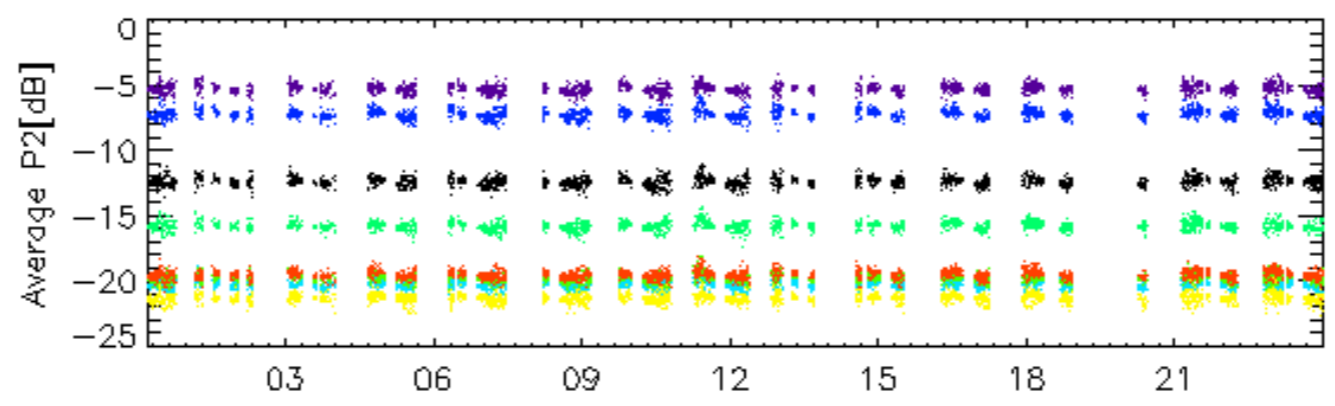
Calibration pulses for WVS IS2 V/V



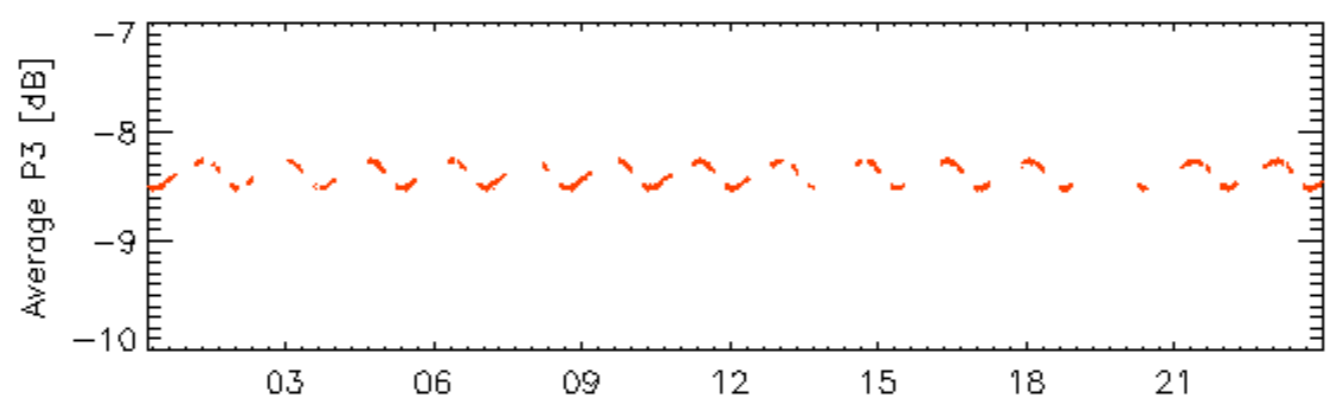
16-Feb



16-Feb

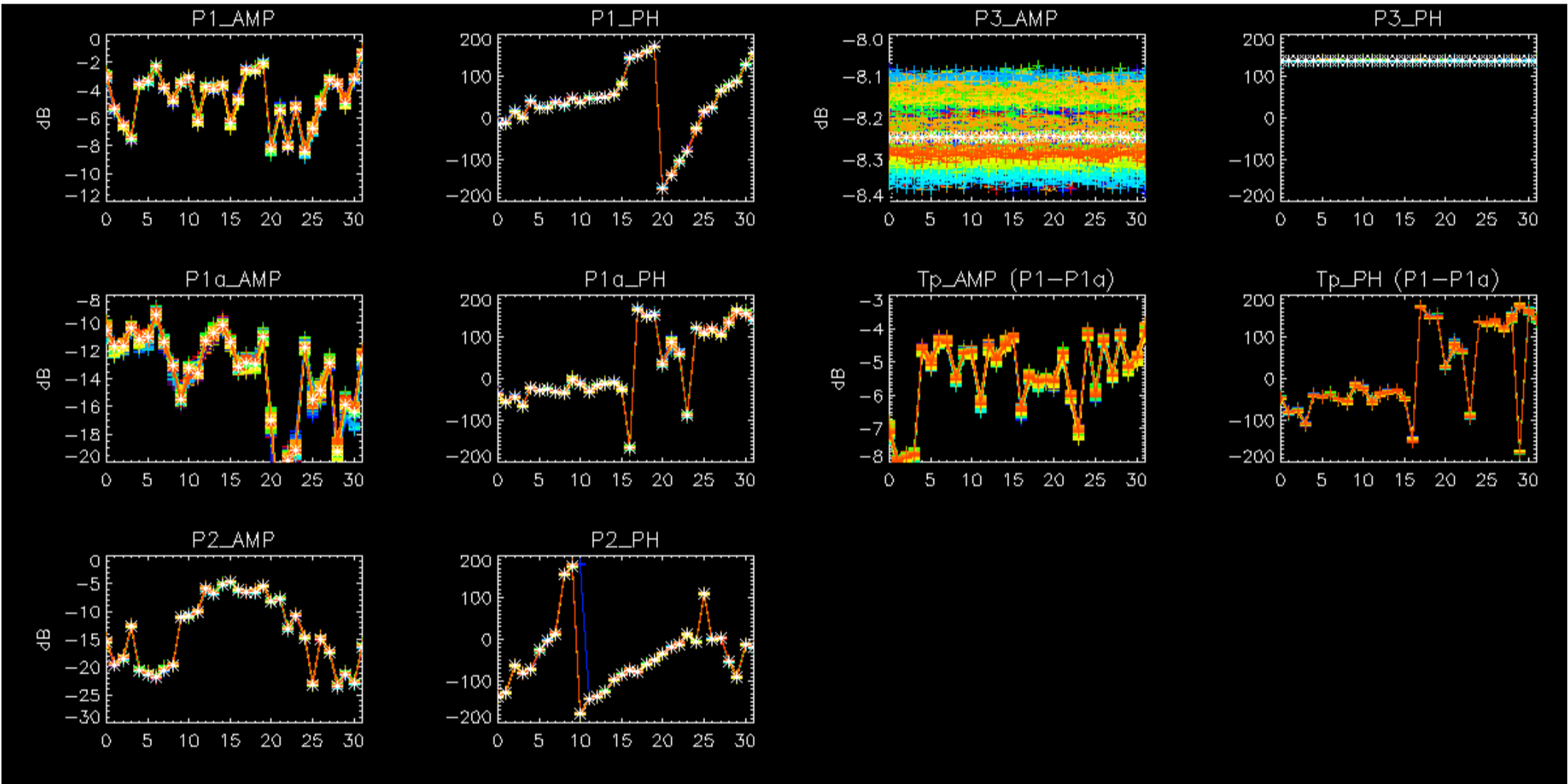


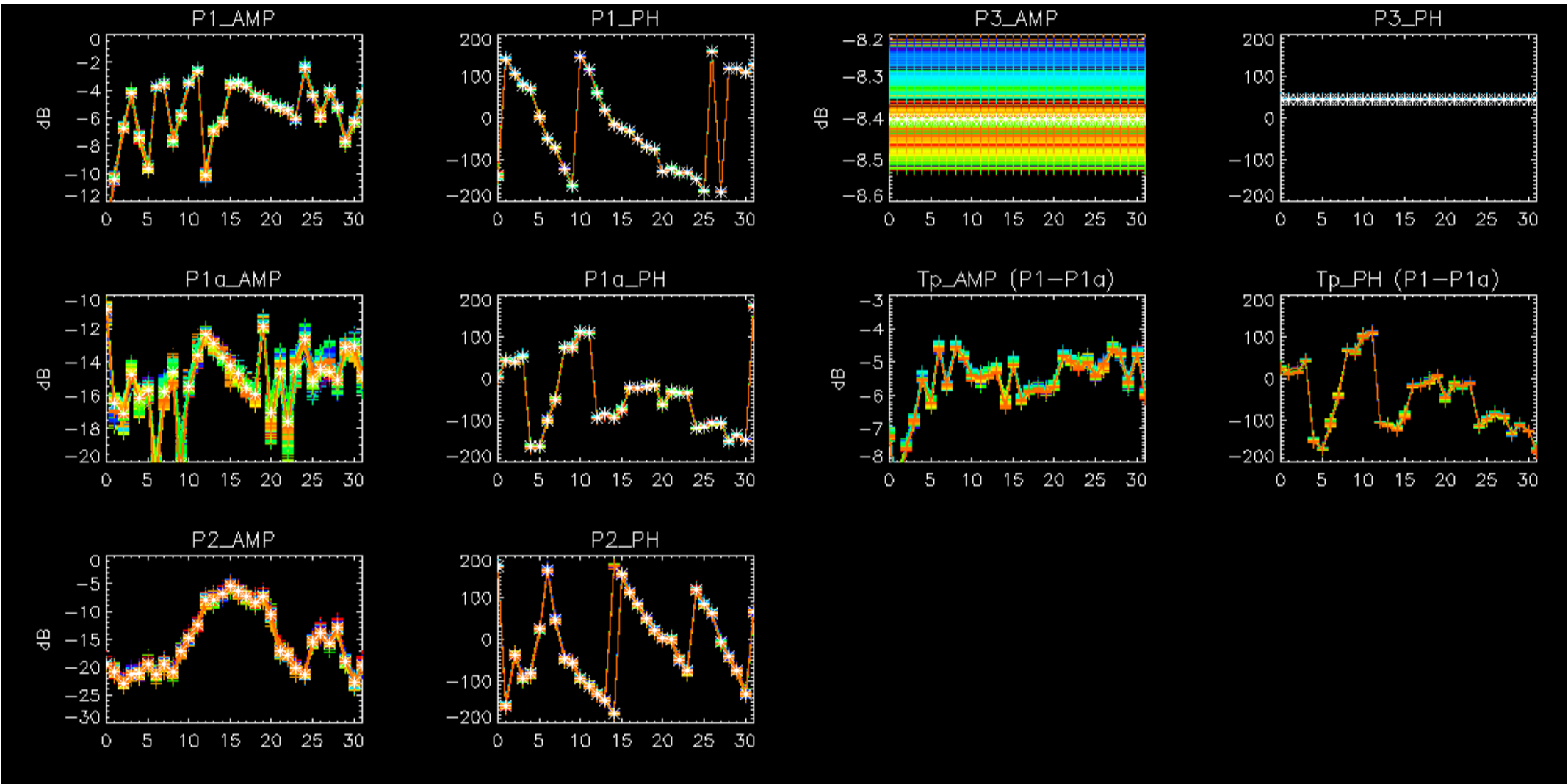
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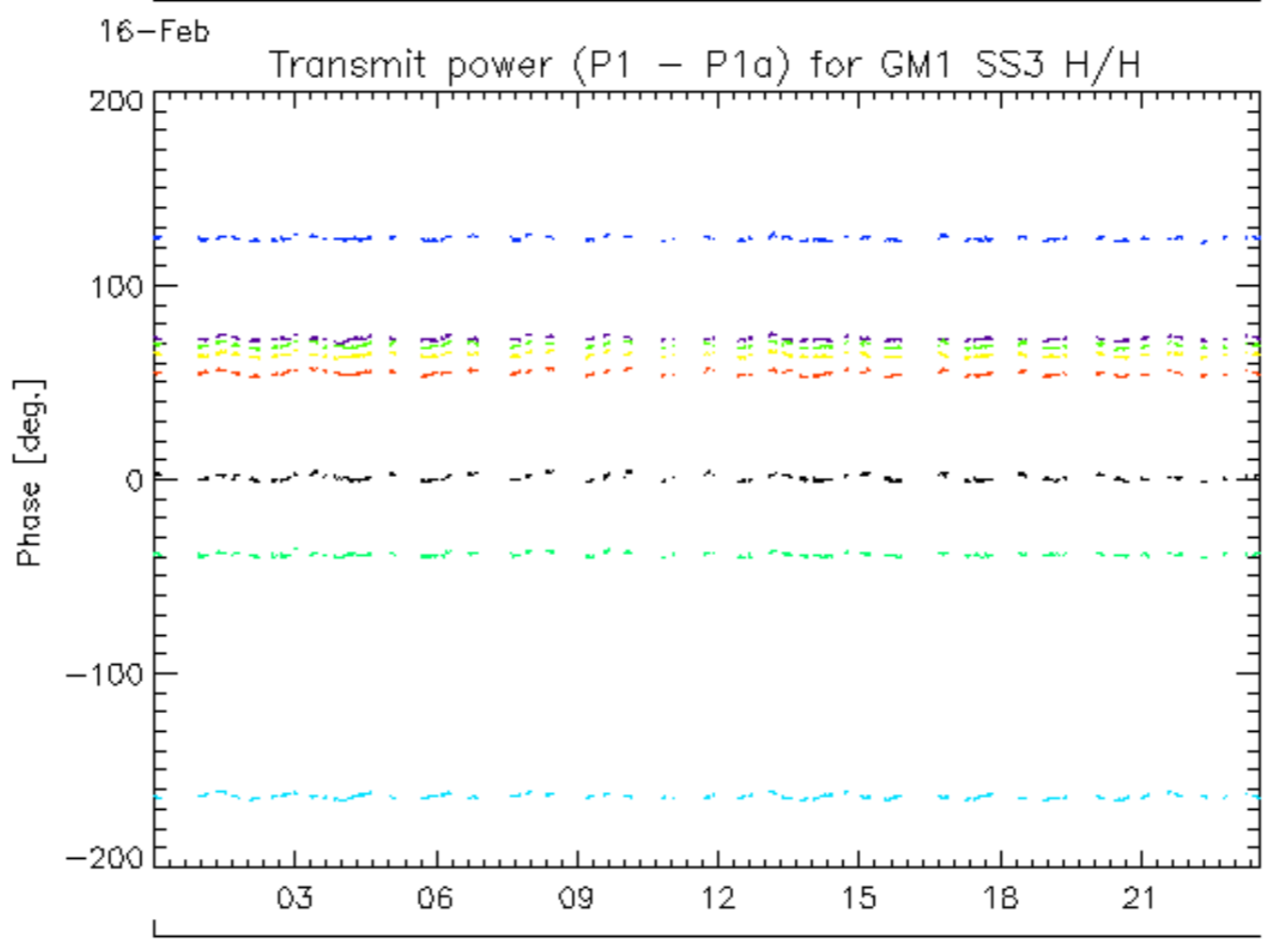
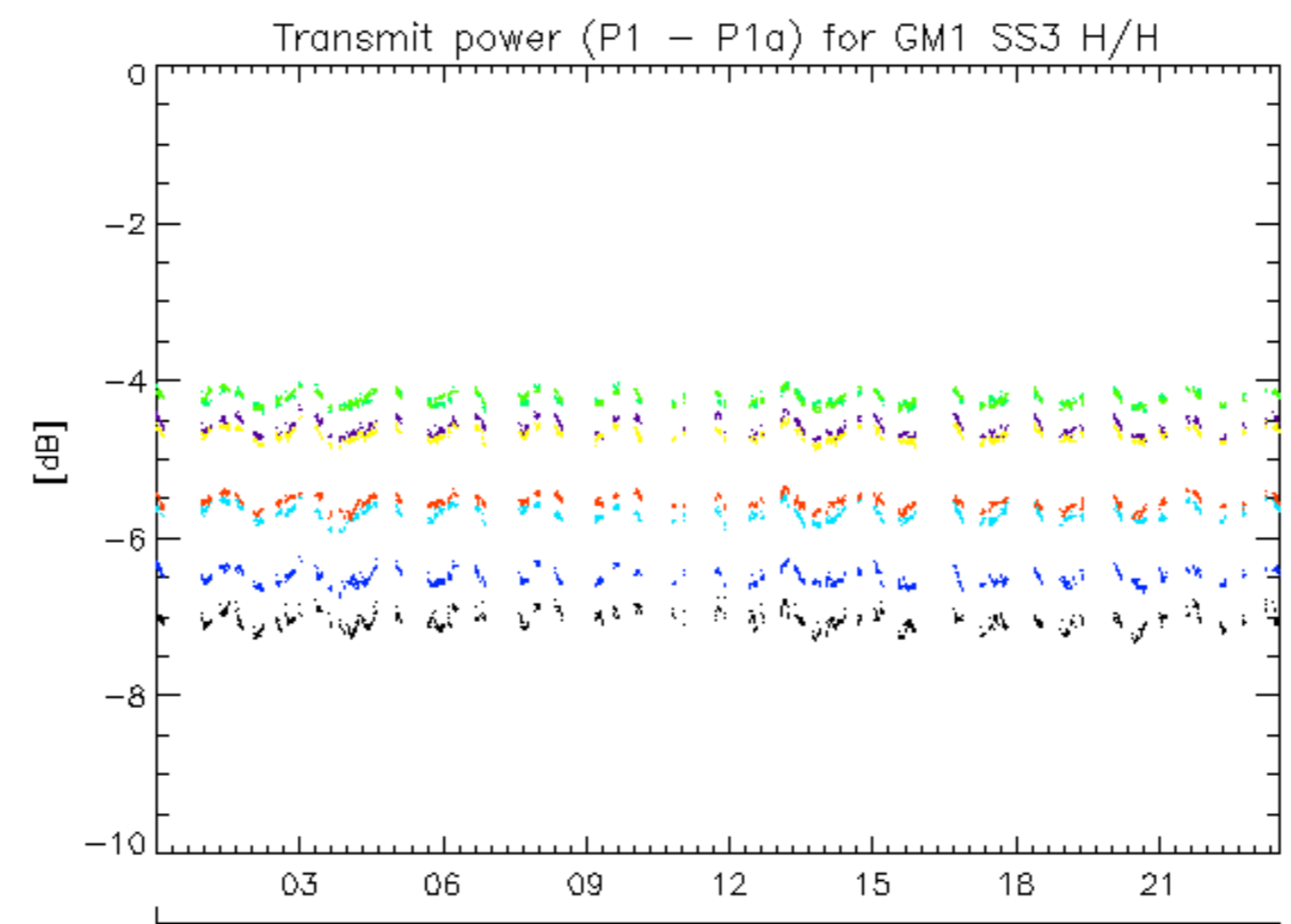


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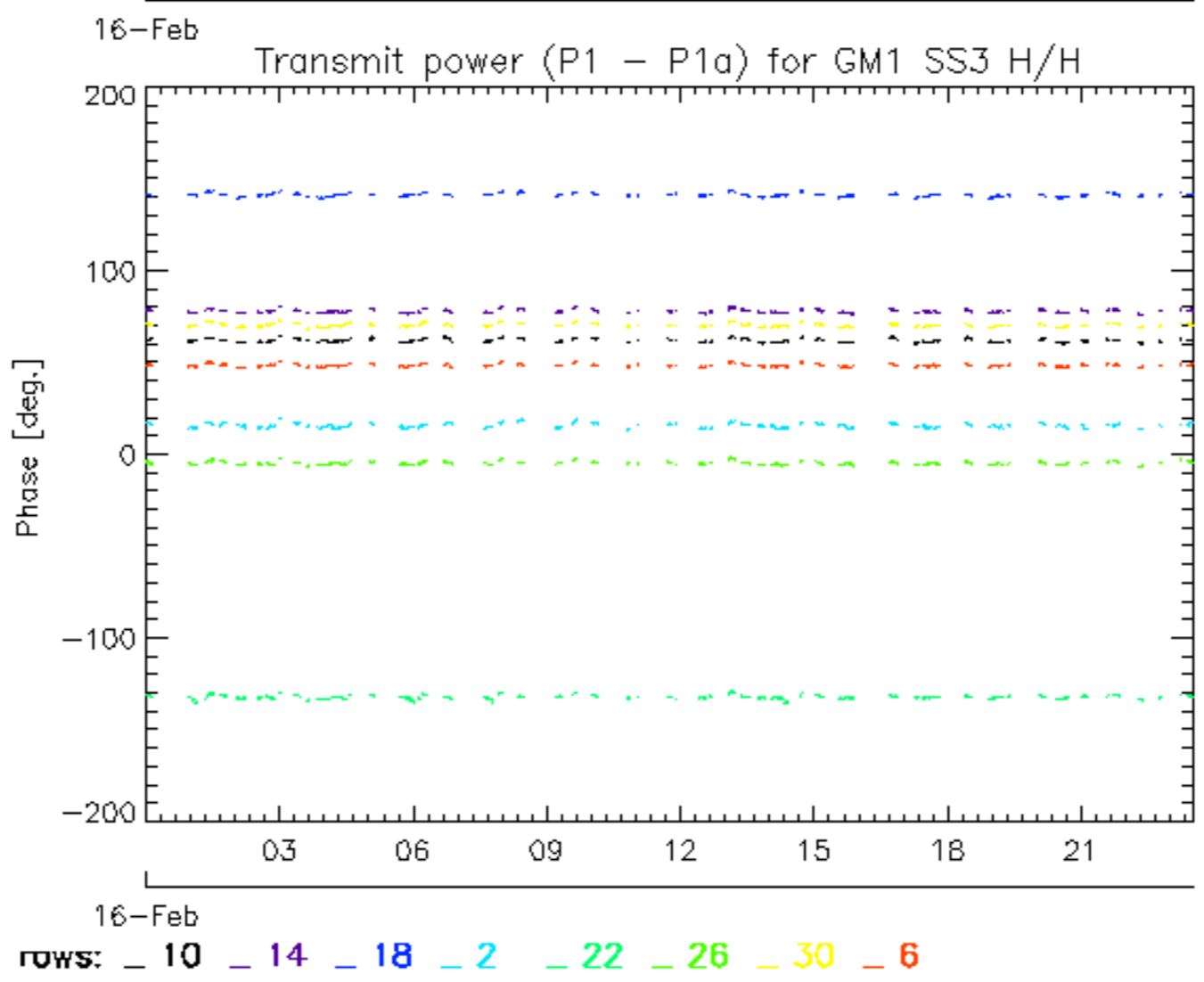
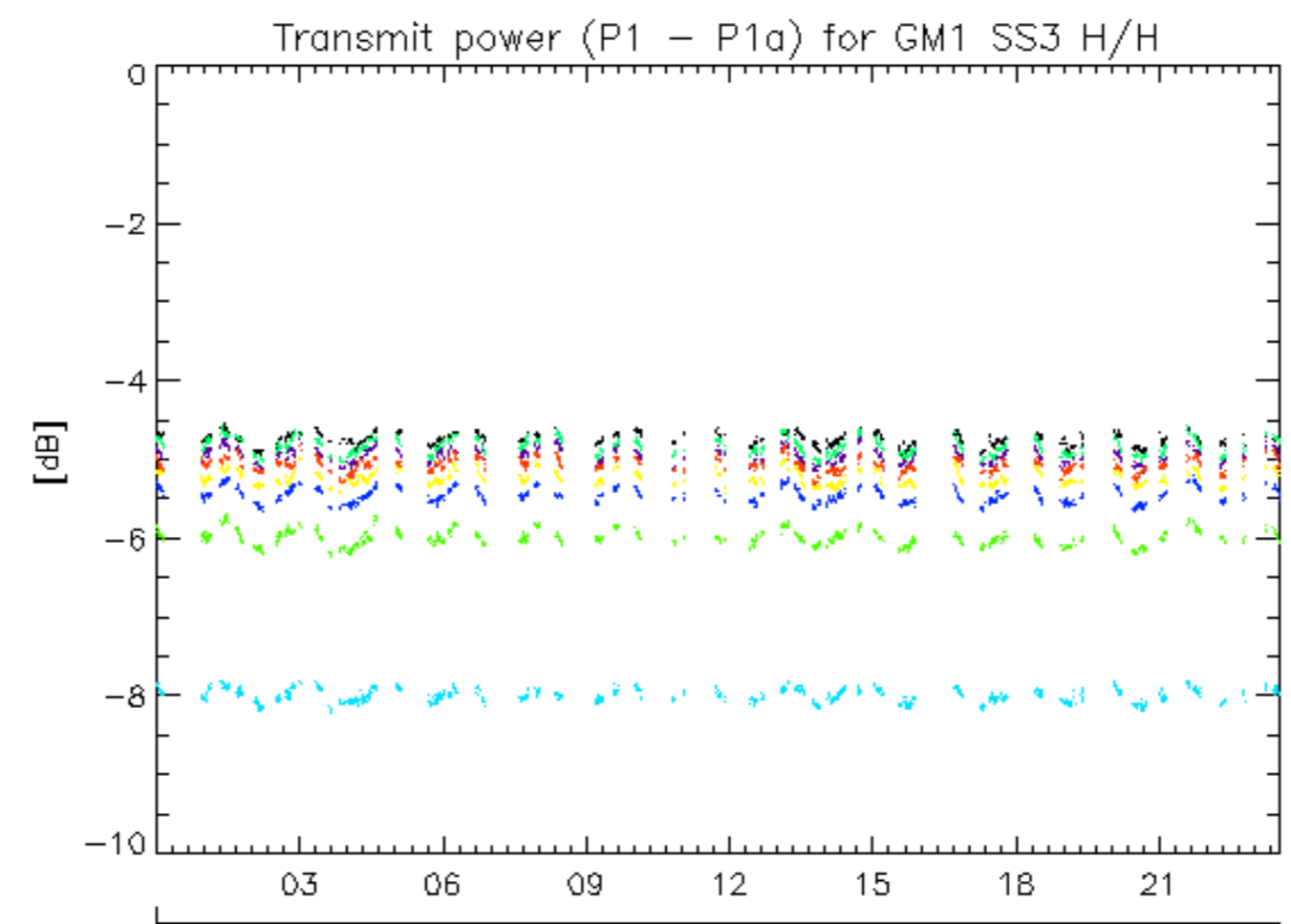
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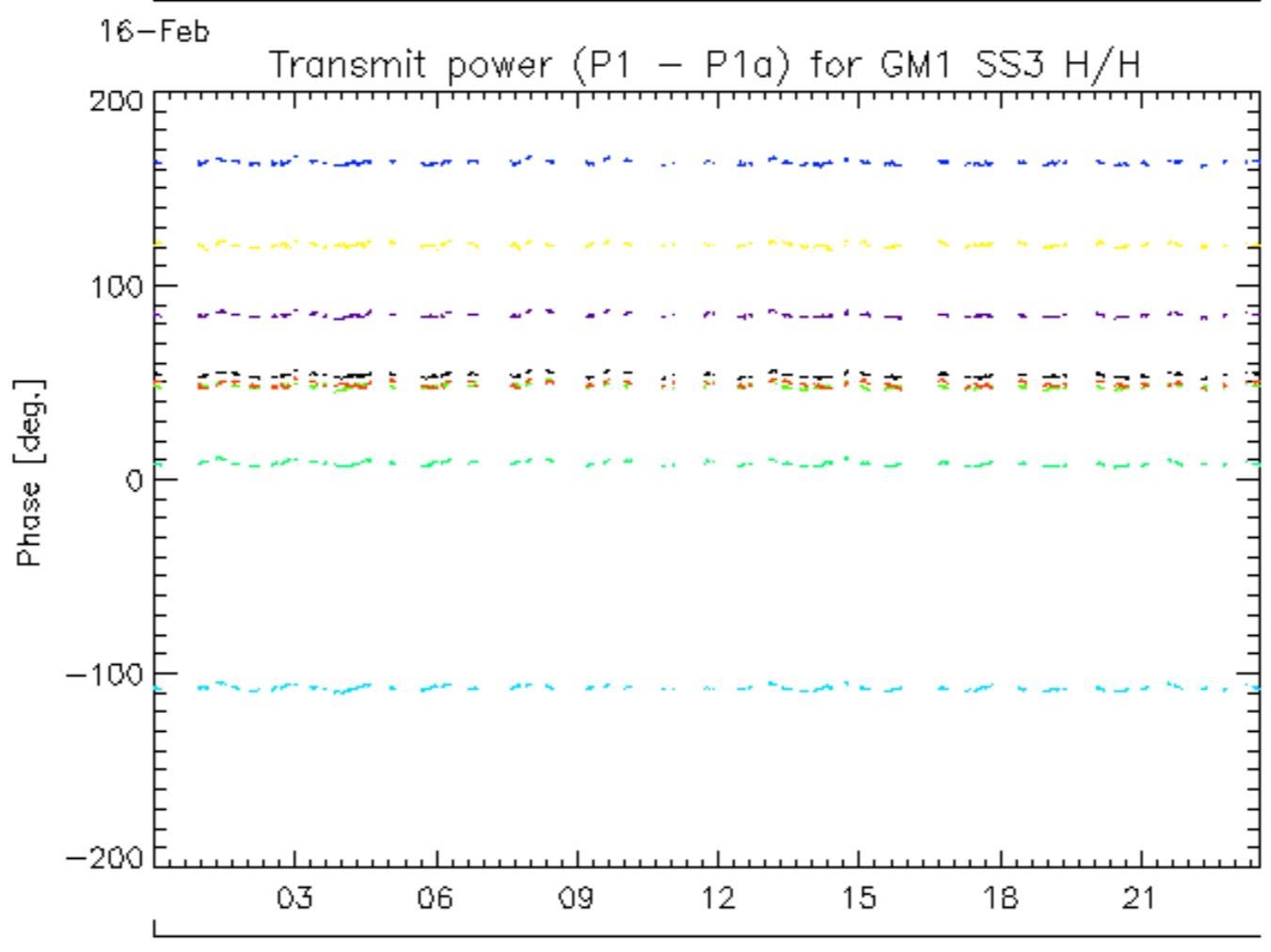
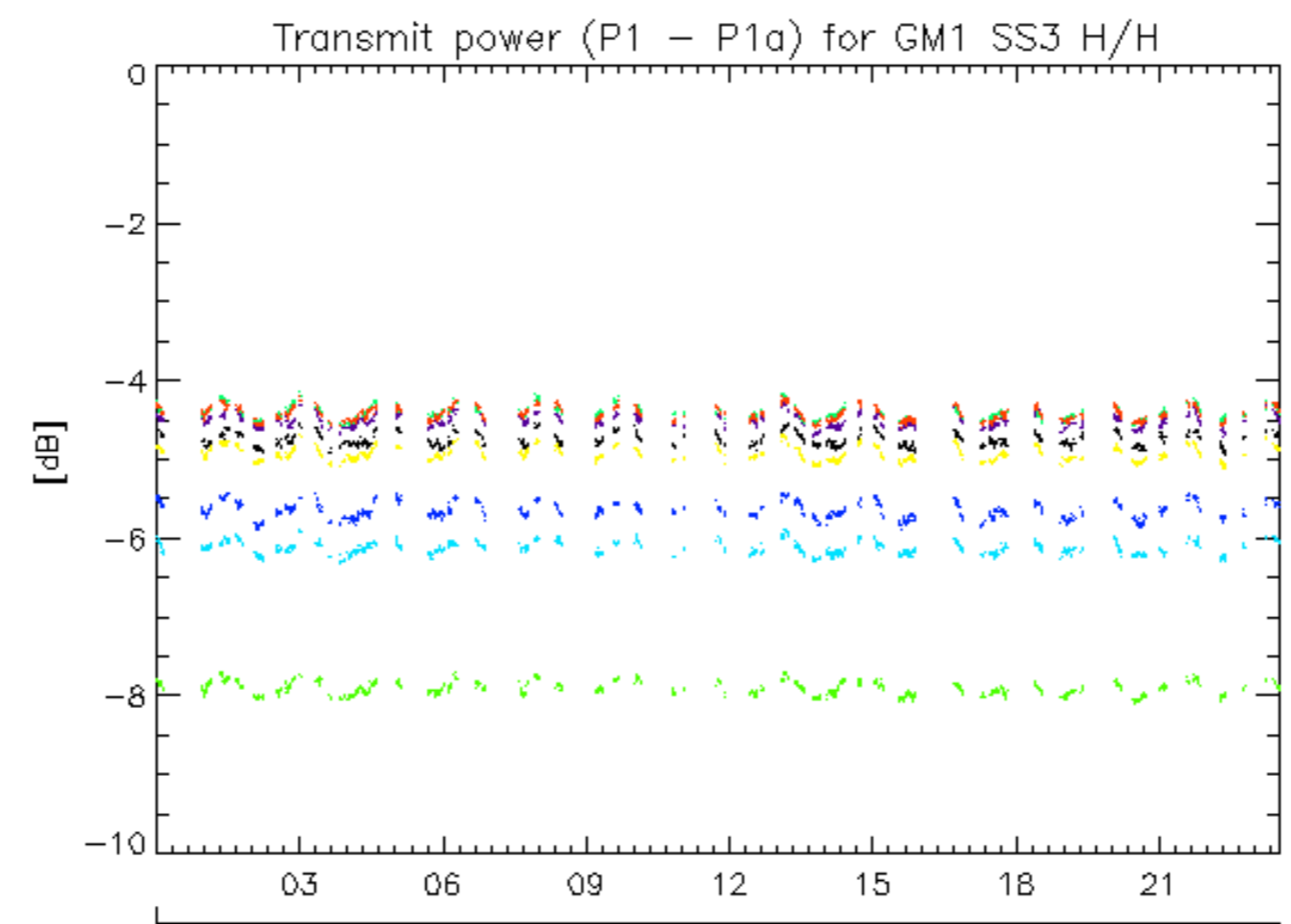




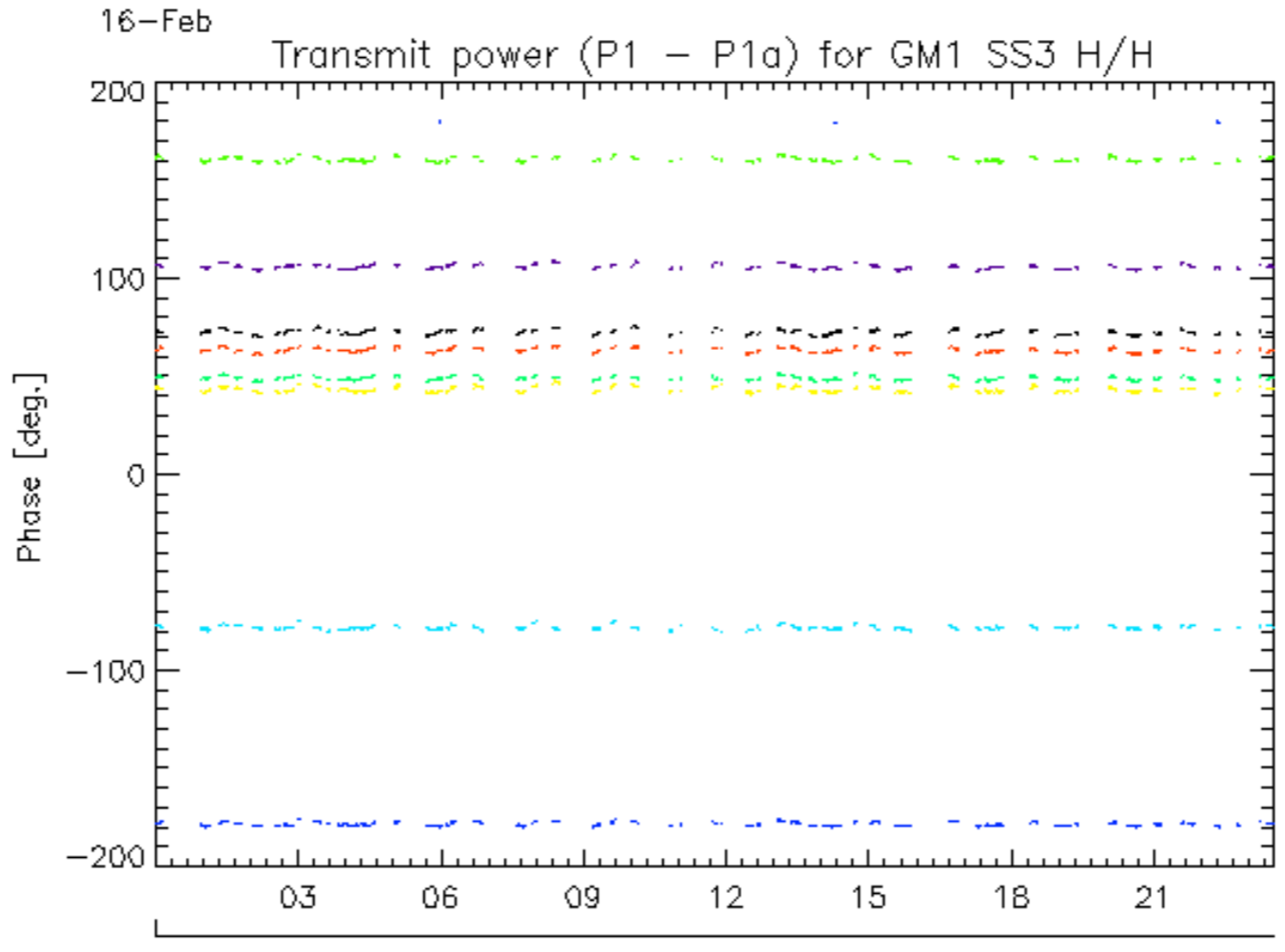
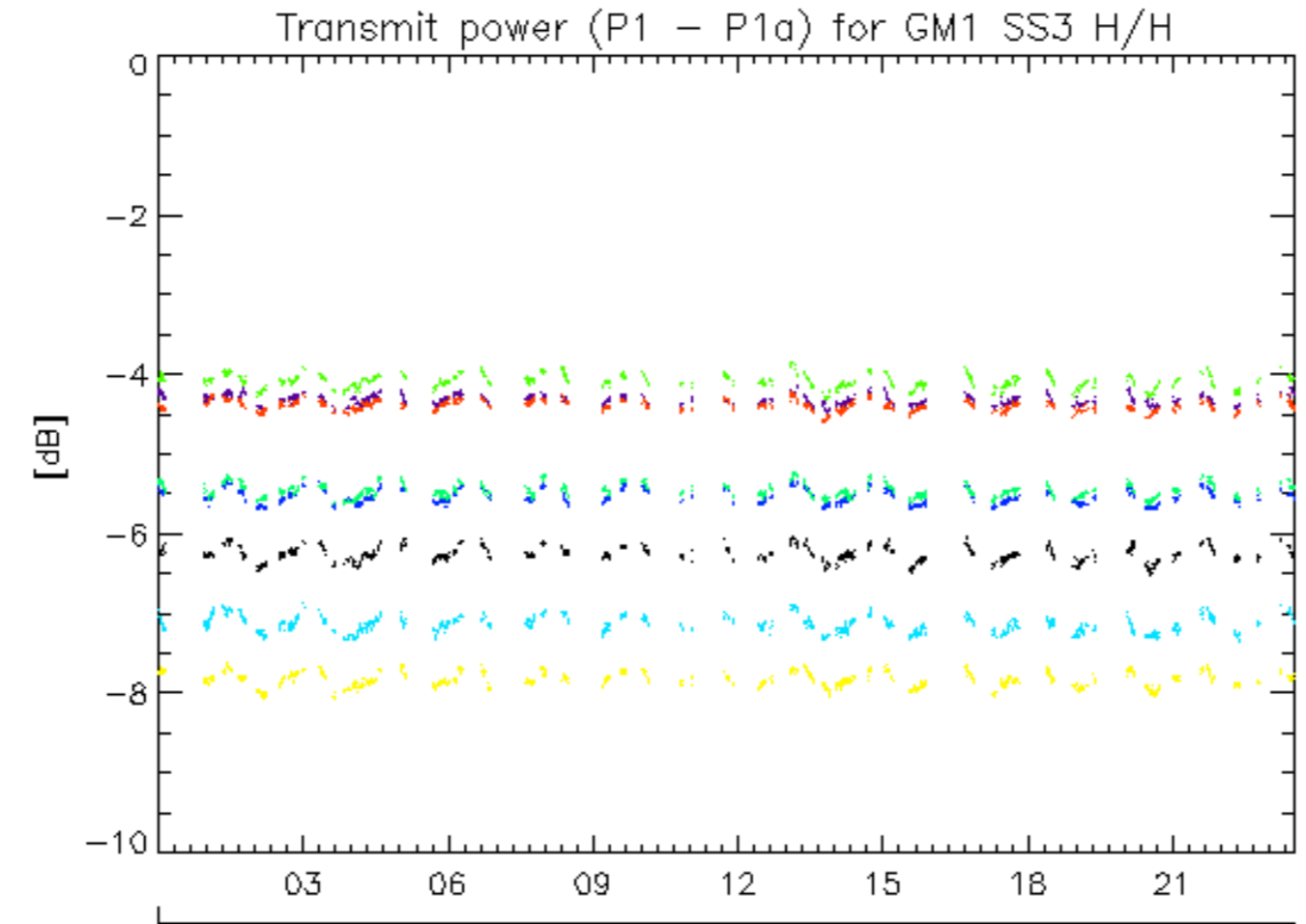


16-Feb
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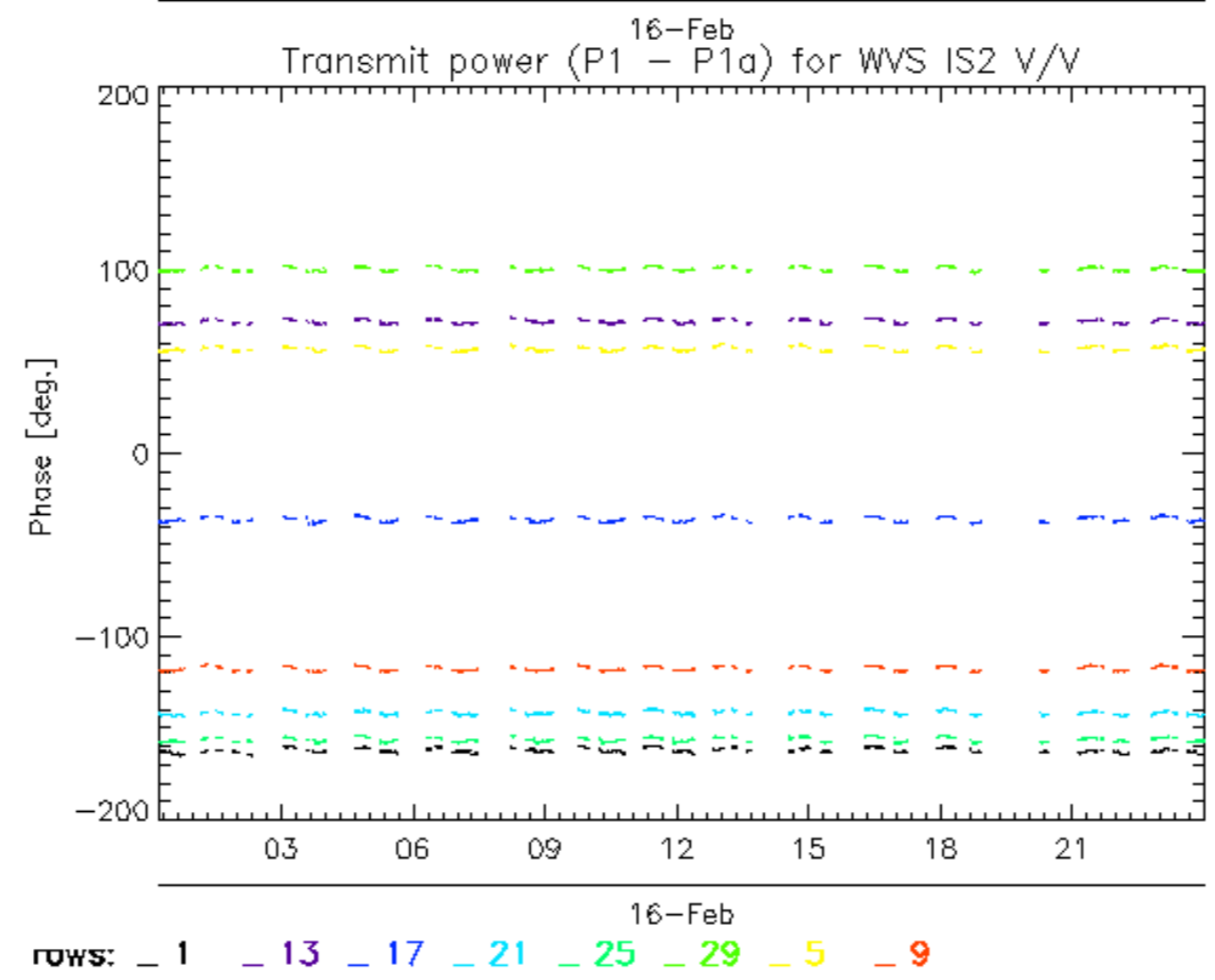
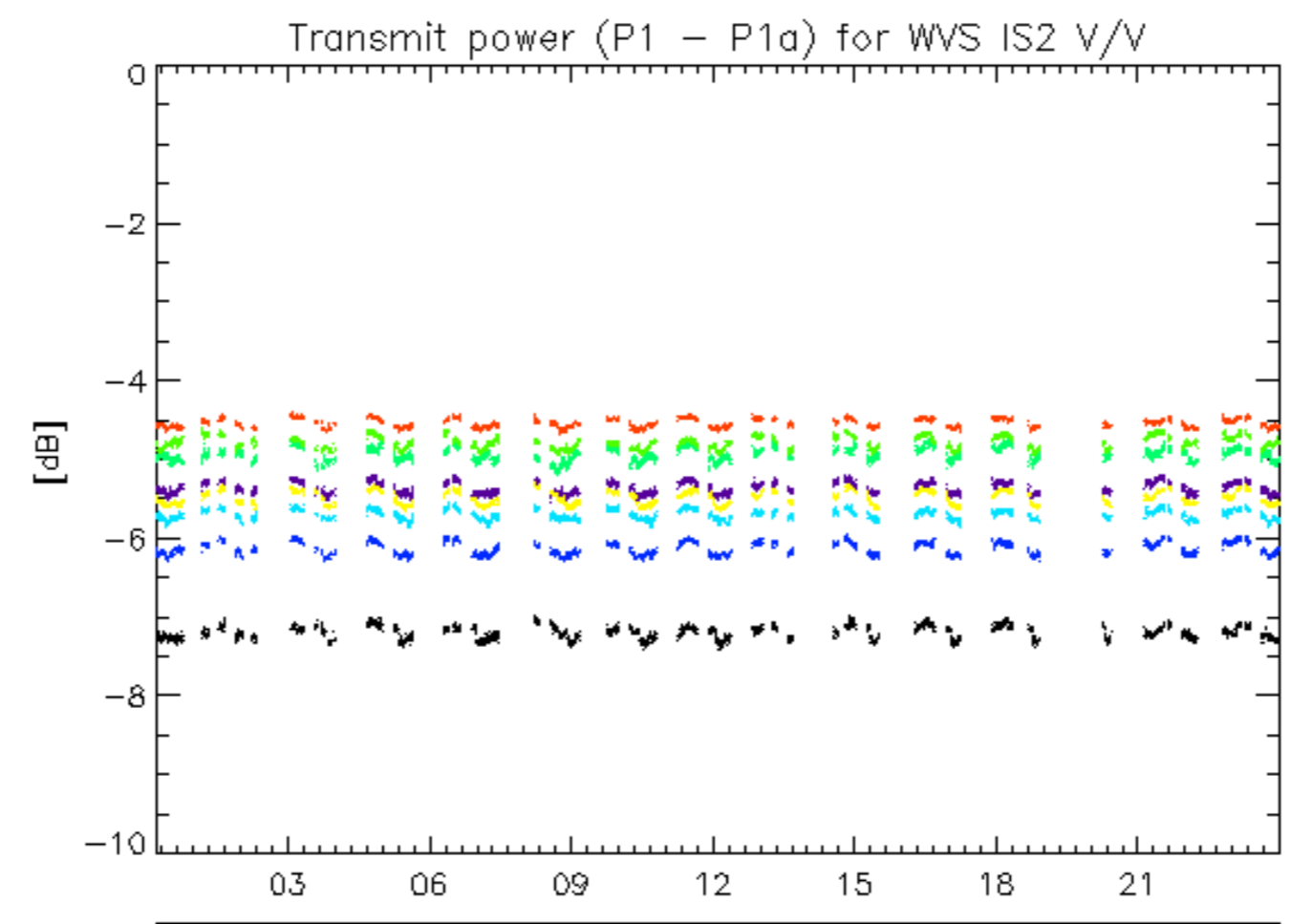


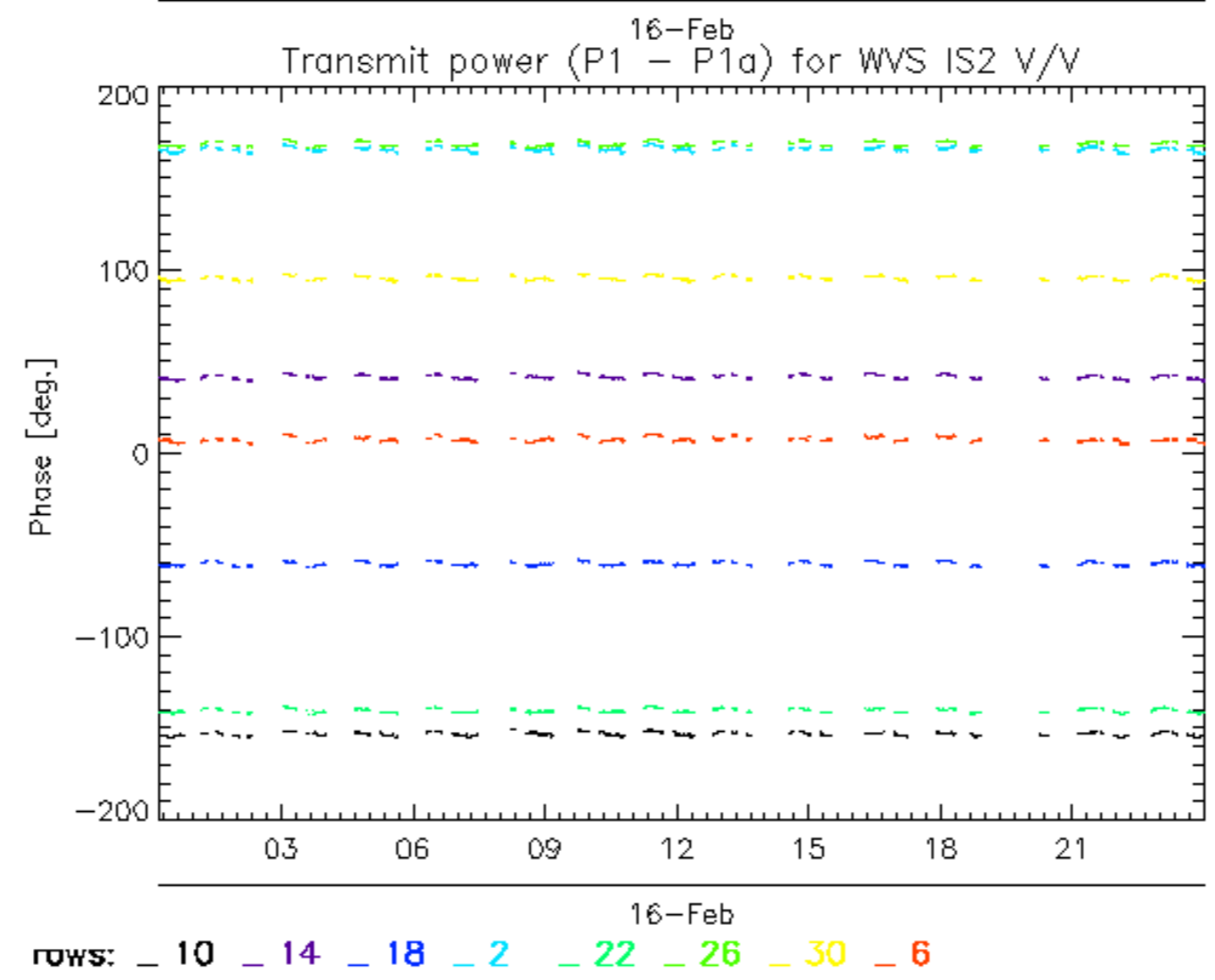
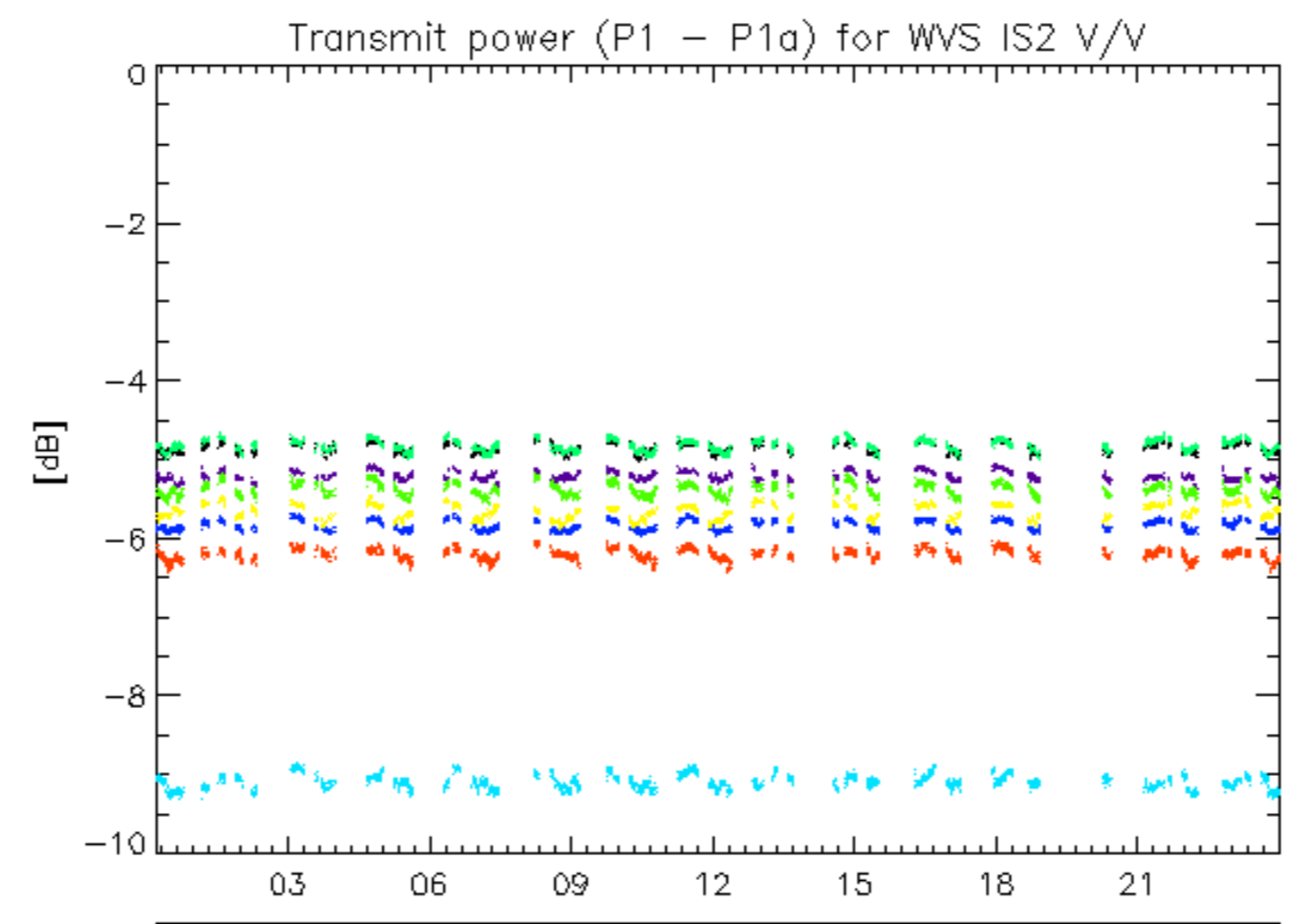


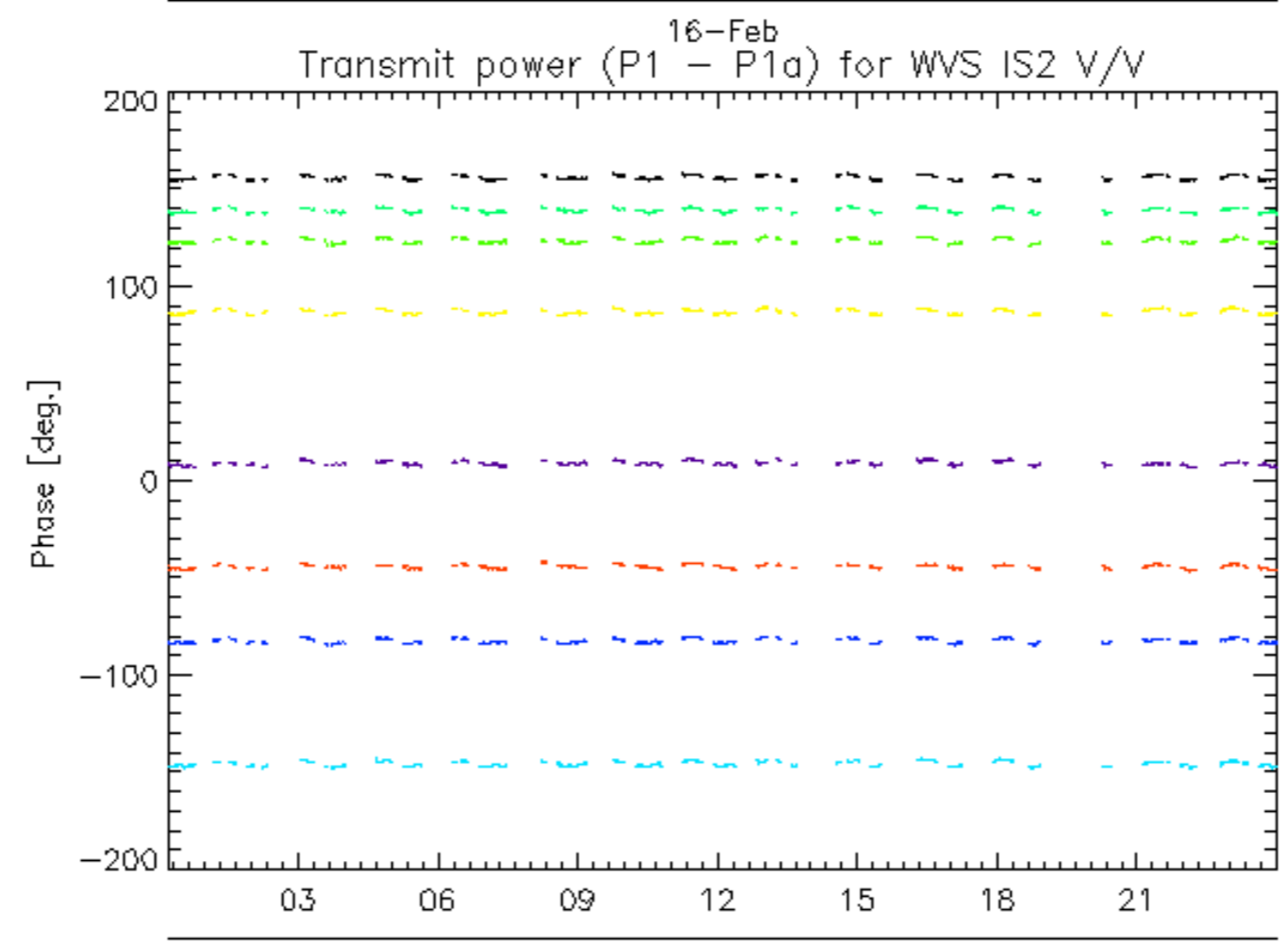
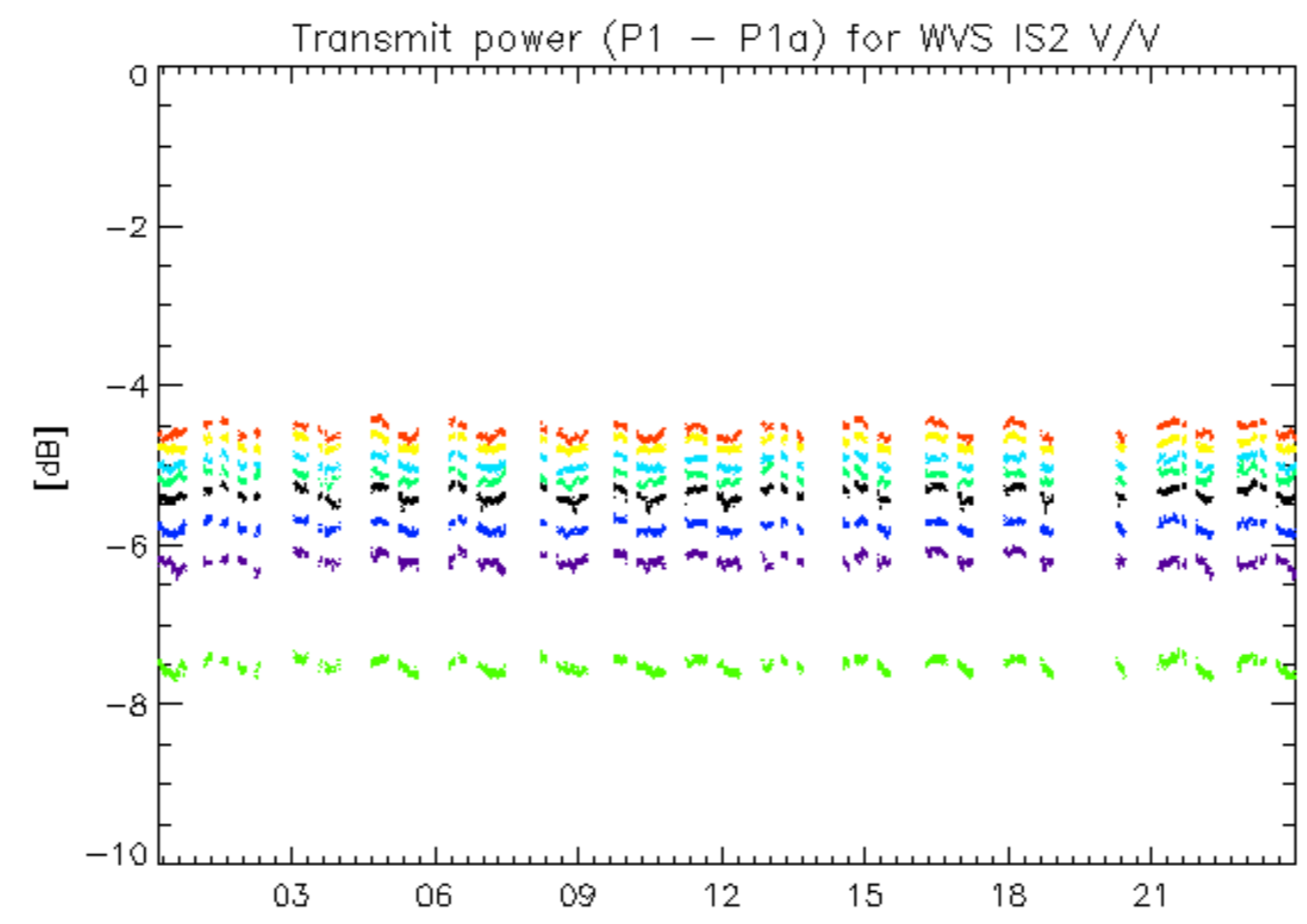
16-Feb
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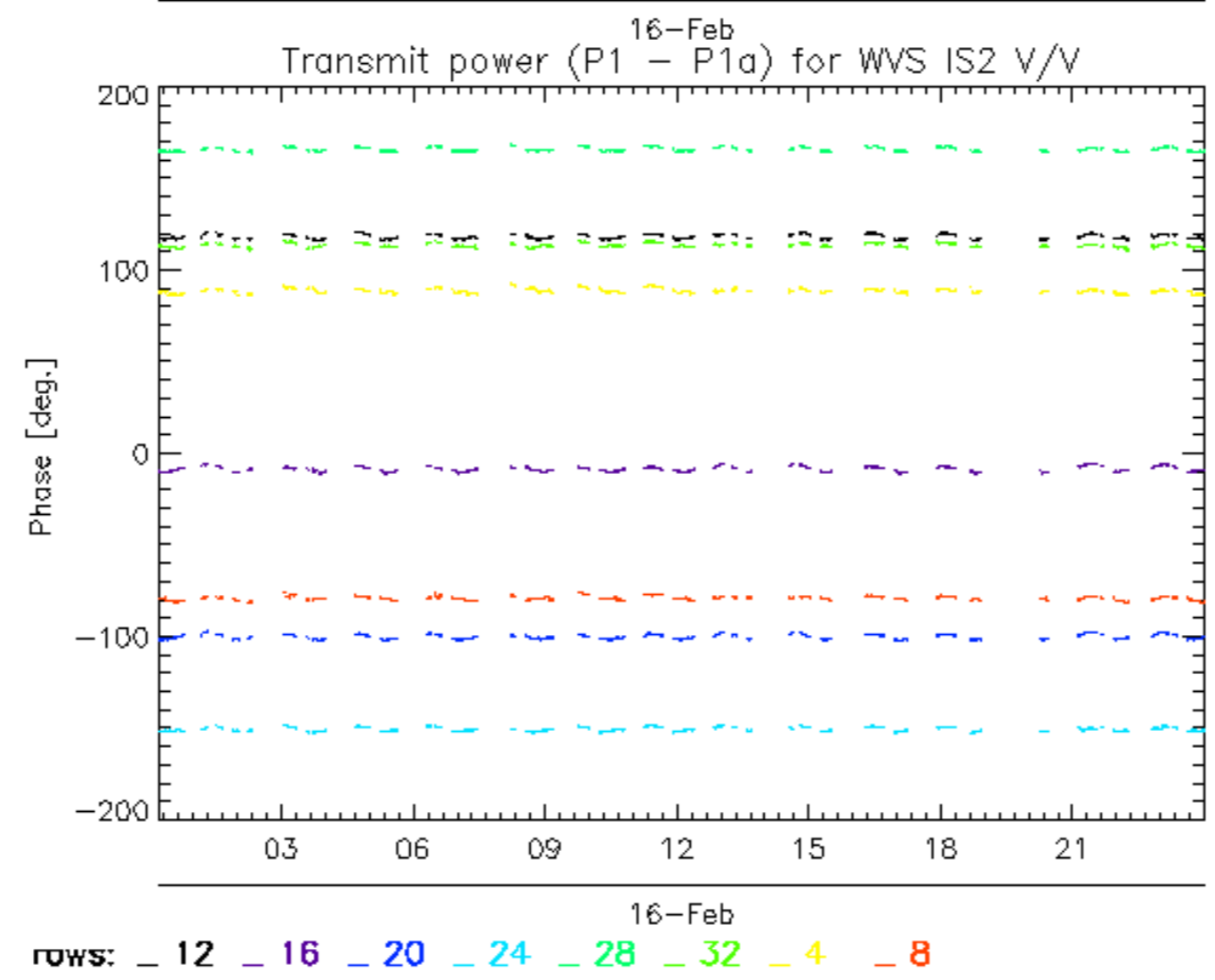
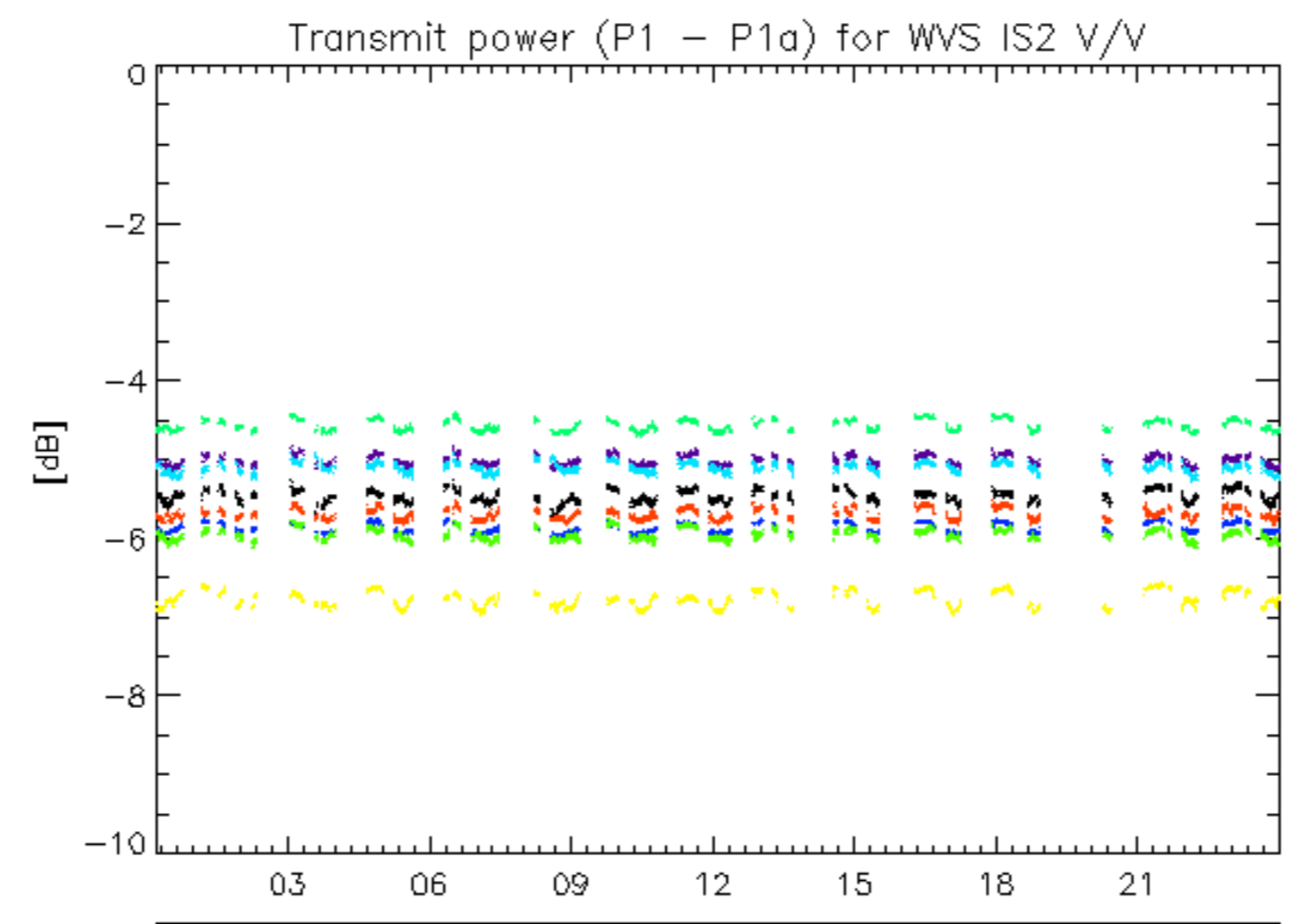
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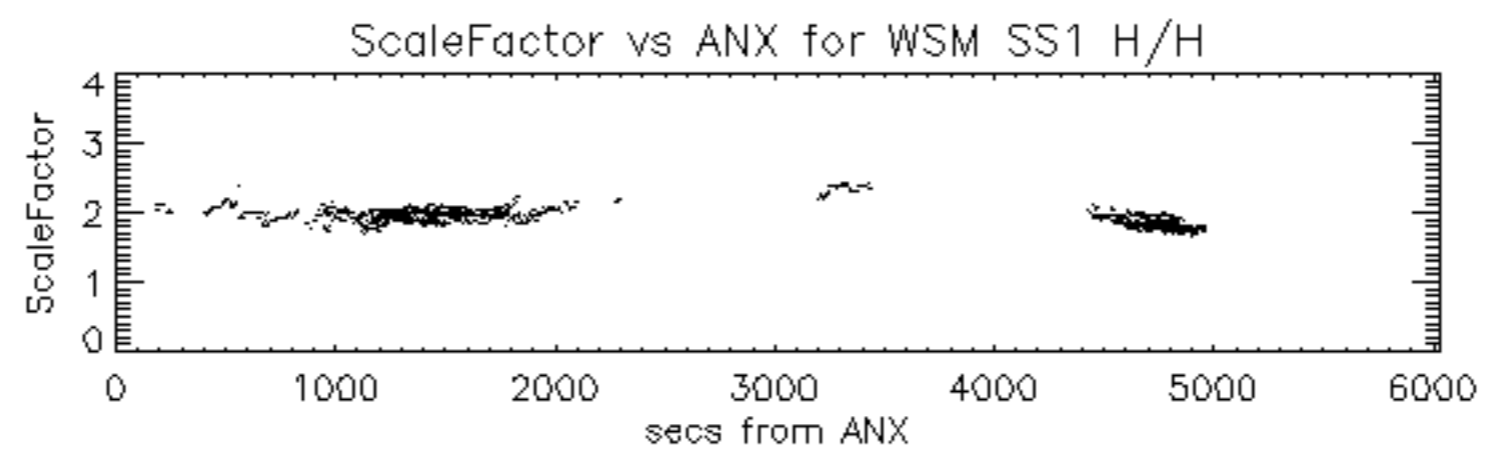


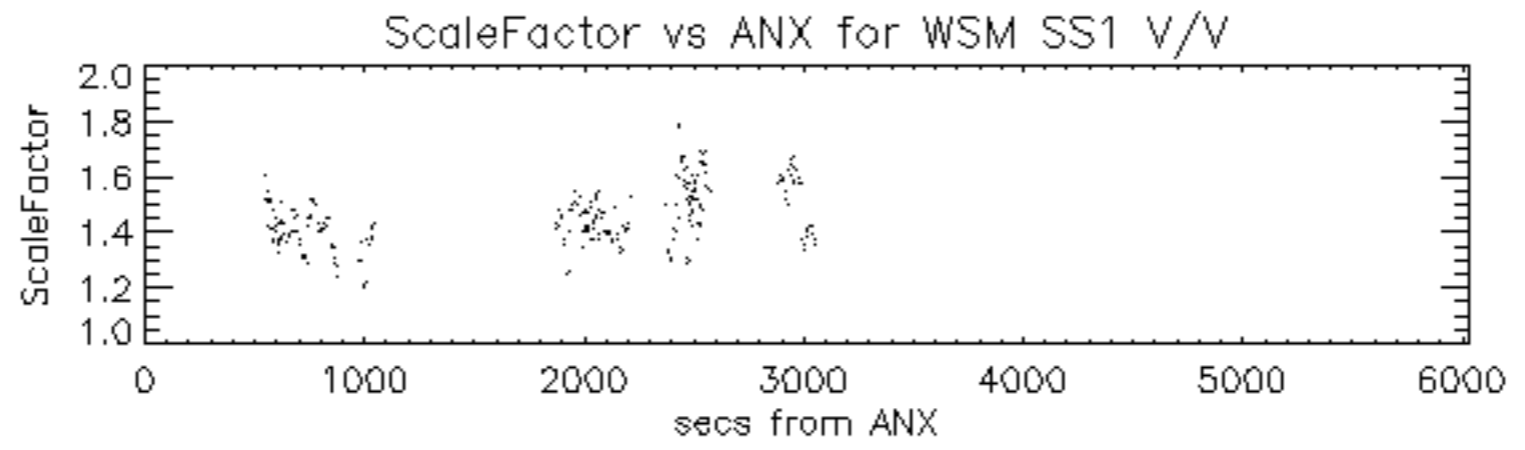


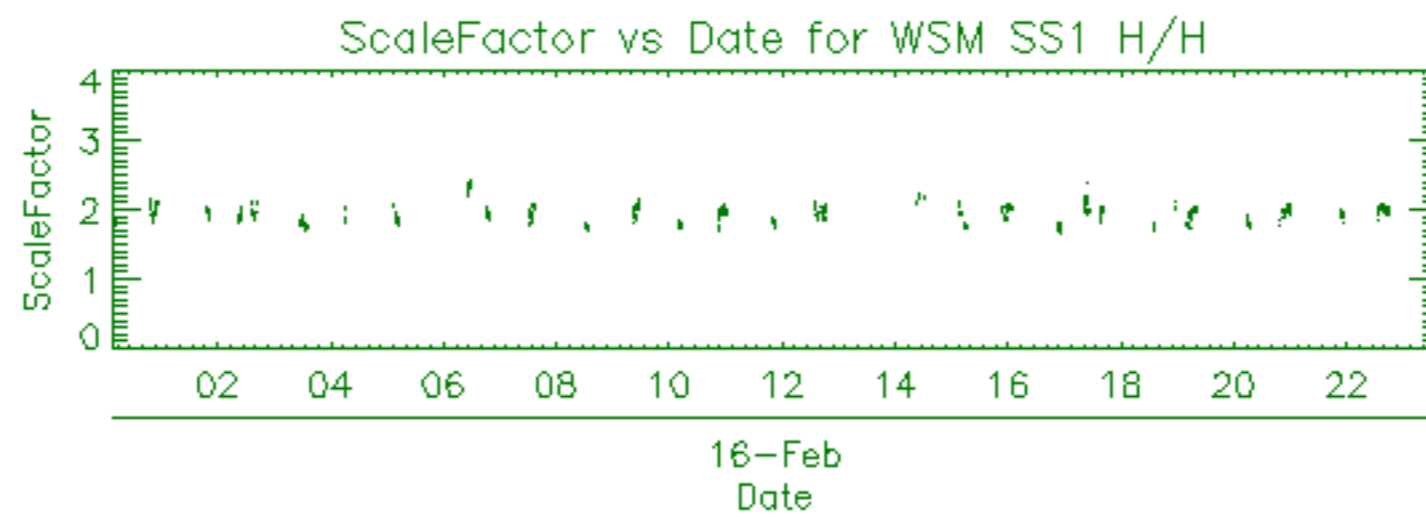


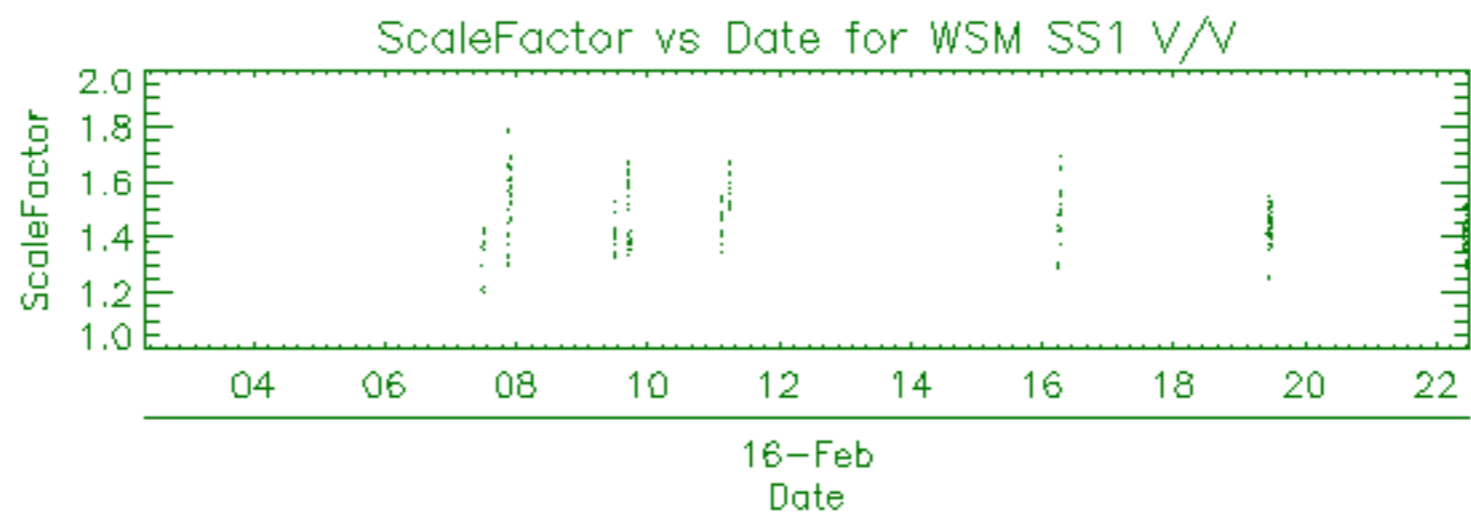
16-Feb
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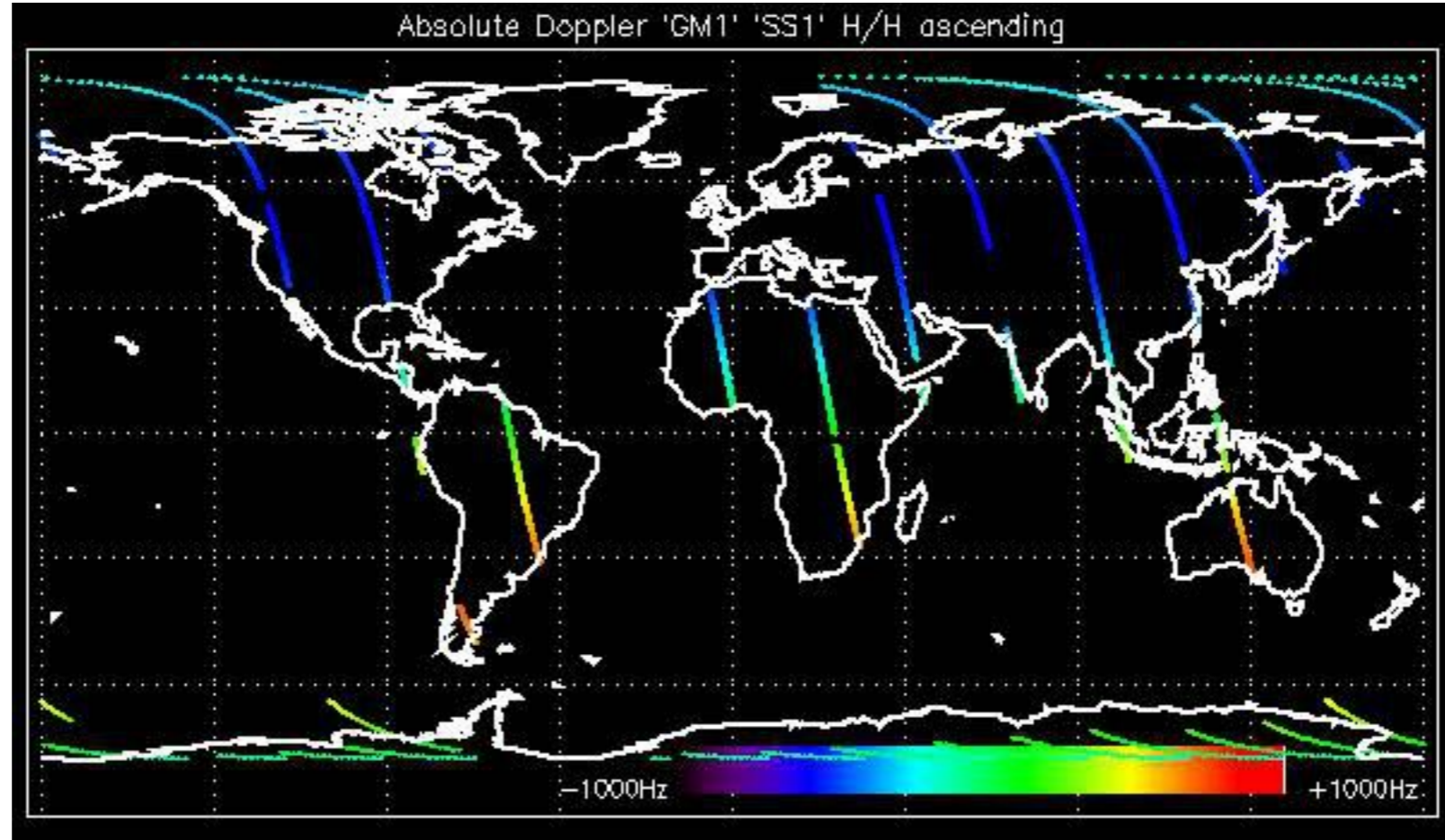


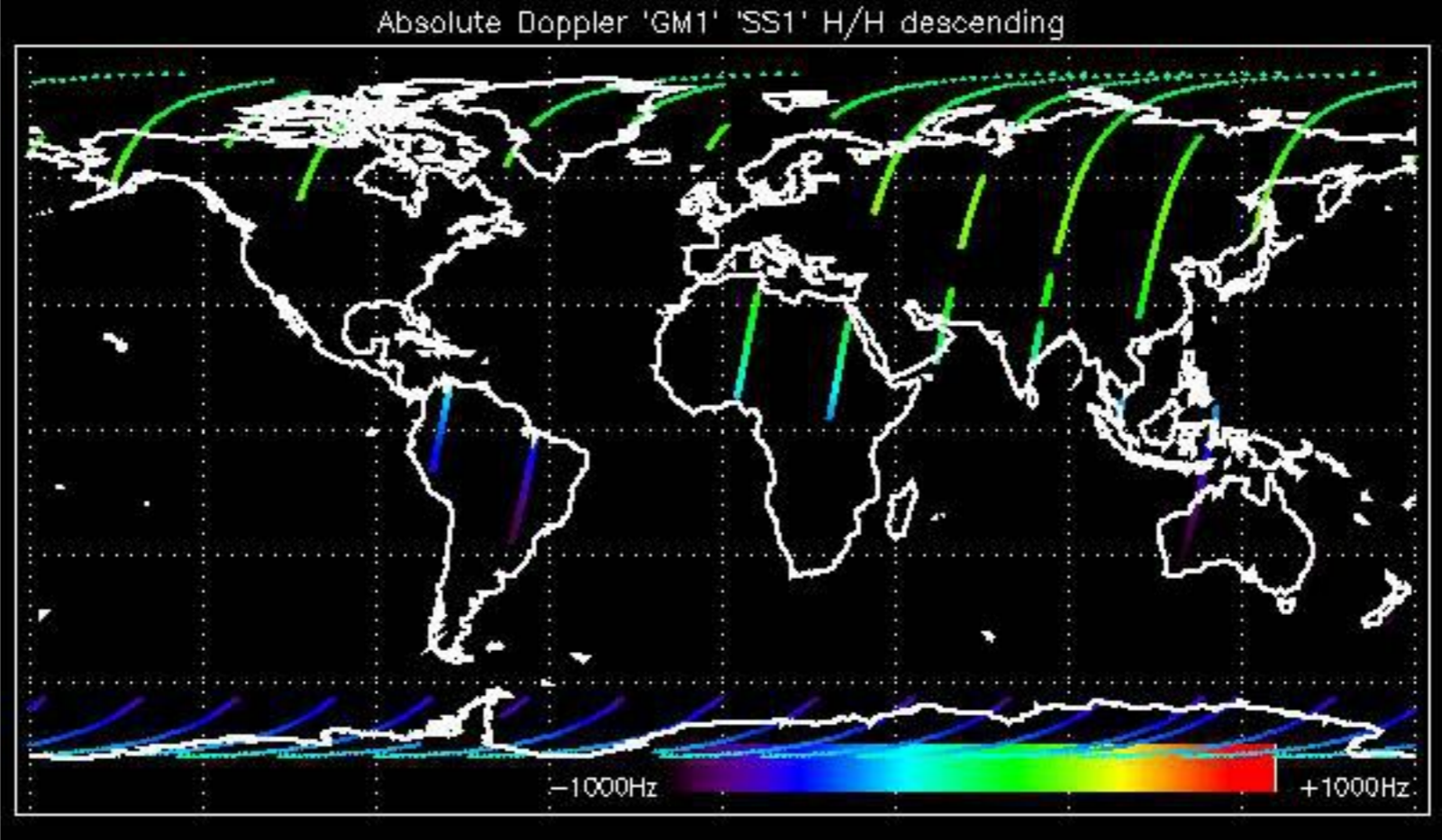
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ASA_APM_1PNPDE20120216_043401_000000493111_00378_52116_1863.N1						IS1	V/H	111	52116	378	5.04
ASA_APM_1PNPDE20120216_043800_000001143111_00378_52116_1865.N1						IS4	H/V	111	52116	378	5.04
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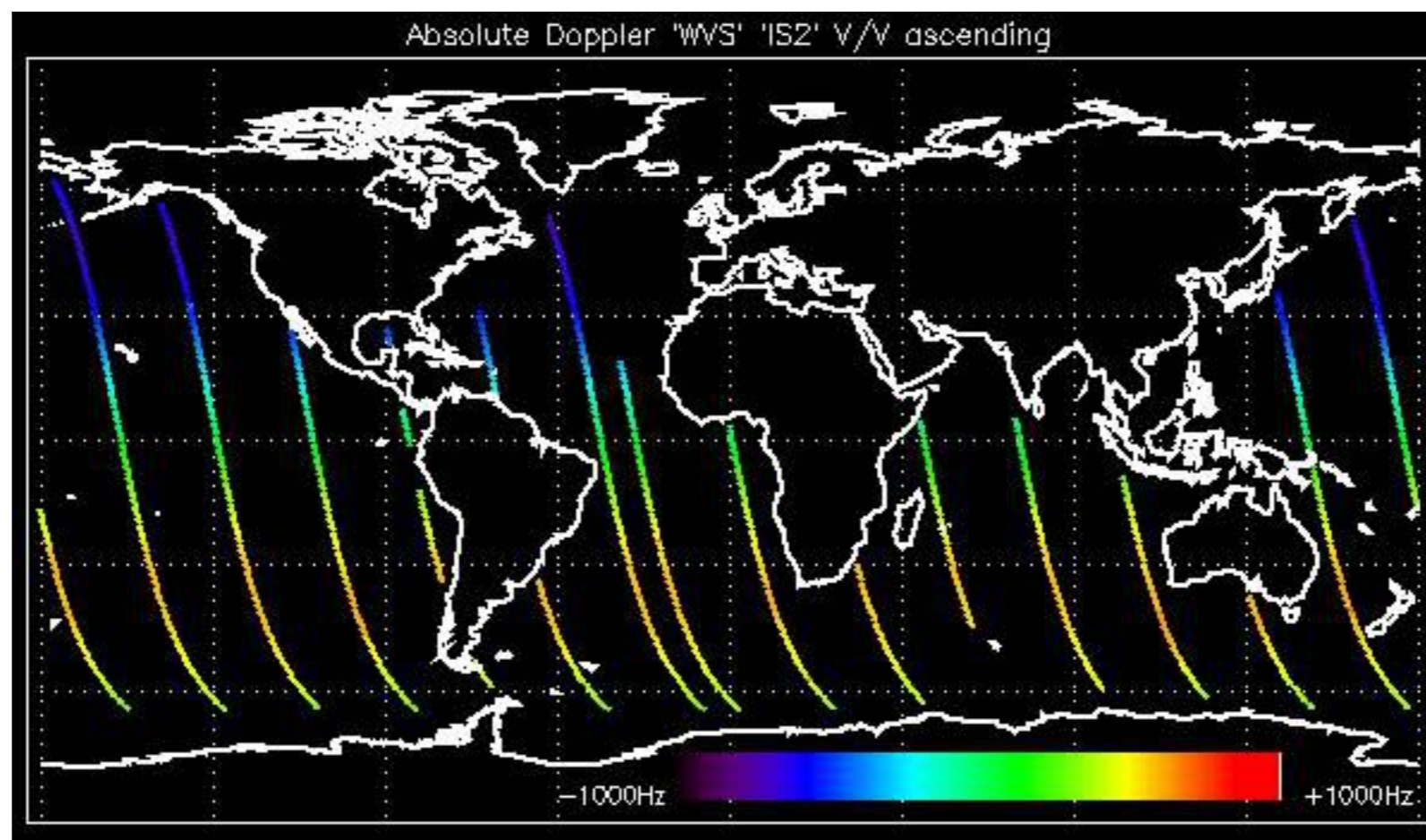
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ASA_GM1_1PNPDE20120216_231239_000000783111_00389_52127_2157.N1	SS1	H/H	111	52127	389	5.04
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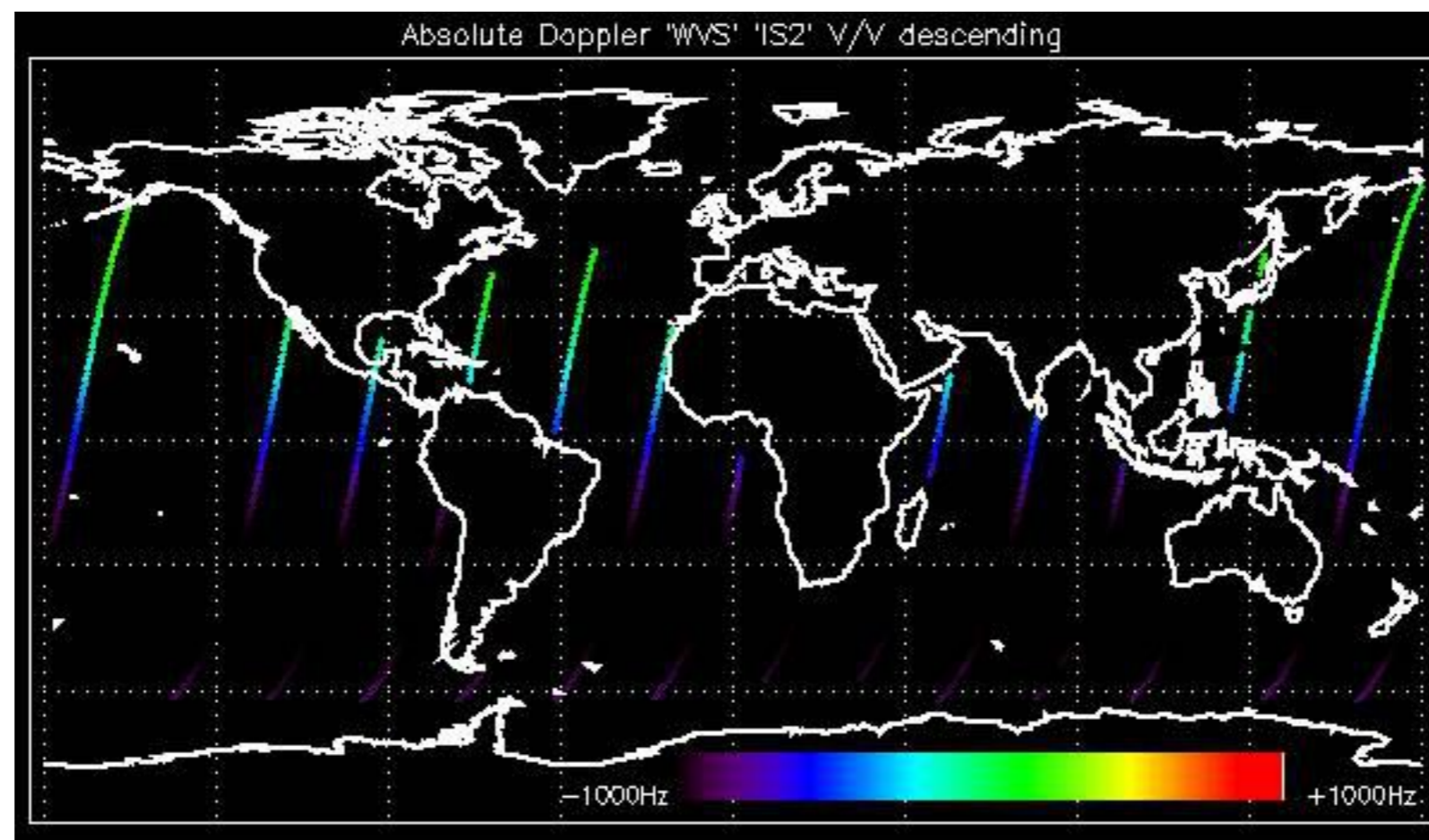
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ASA_IMM_1PNPDE20120216_034010_000001303111_00377_52115_1871.N1						IS6	H/H	111	52115	377	5.04
ASA_IMM_1PNPDE20120216_043026_000000783111_00378_52116_1862.N1						IS6	H/H	111	52116	378	5.04
ASA_IMM_1PNPDE20120216_061017_000001603111_00379_52117_1920.N1						IS6	H/H	111	52117	379	5.04
ASA_IMM_1PNPDE20120216_075051_000000693111_00380_52118_1965.N1						IS6	H/H	111	52118	380	5.04
ASA_IMM_1PNPDE20120216_080315_000004843111_00380_52118_1972.N1						IS2	V/V	111	52118	380	5.04
ASA_IMM_1PNPDE20120216_093049_000000383111_00381_52119_2000.N1						IS4	V/V	111	52119	381	5.04
ASA_IMM_1PNPDE20120216_111456_000000373111_00382_52120_2038.N1						IS6	H/H	111	52120	382	5.04
ASA_IMM_1PNPDE20120216_114306_000001393111_00382_52120_2042.N1						IS2	V/V	111	52120	382	5.04
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7315.N1						IS5	V/V	111	52121	383	5.04
ASA_IMM_1PNPDK20120216_131100_000000373111_00383_52121_7312.N1						IS5	V/V	111	52121	383	5.04
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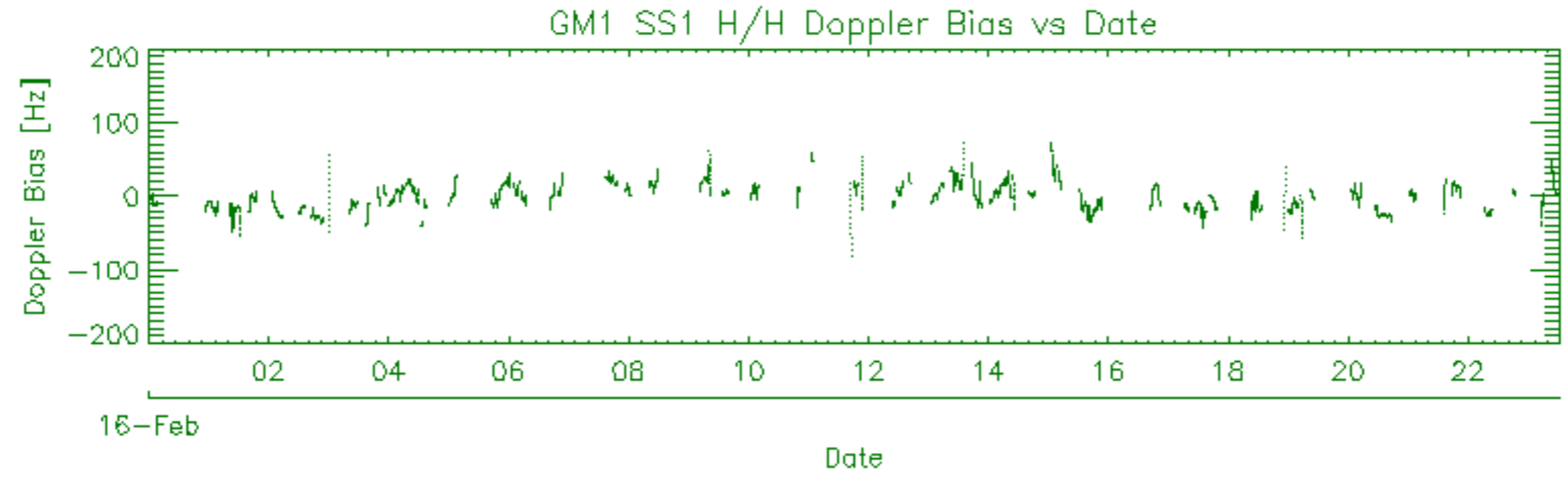
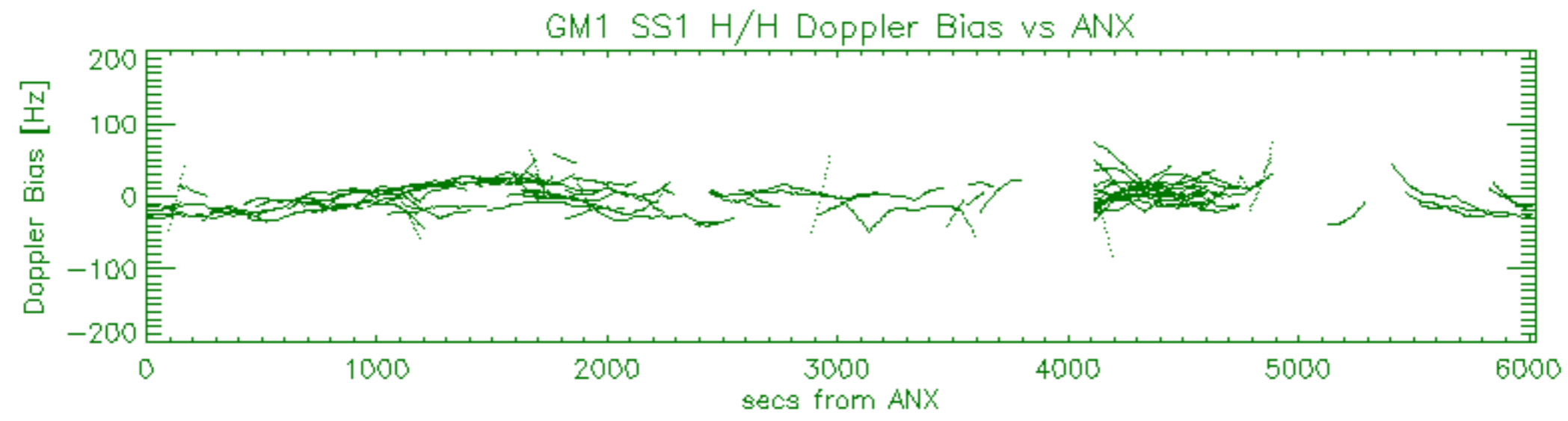
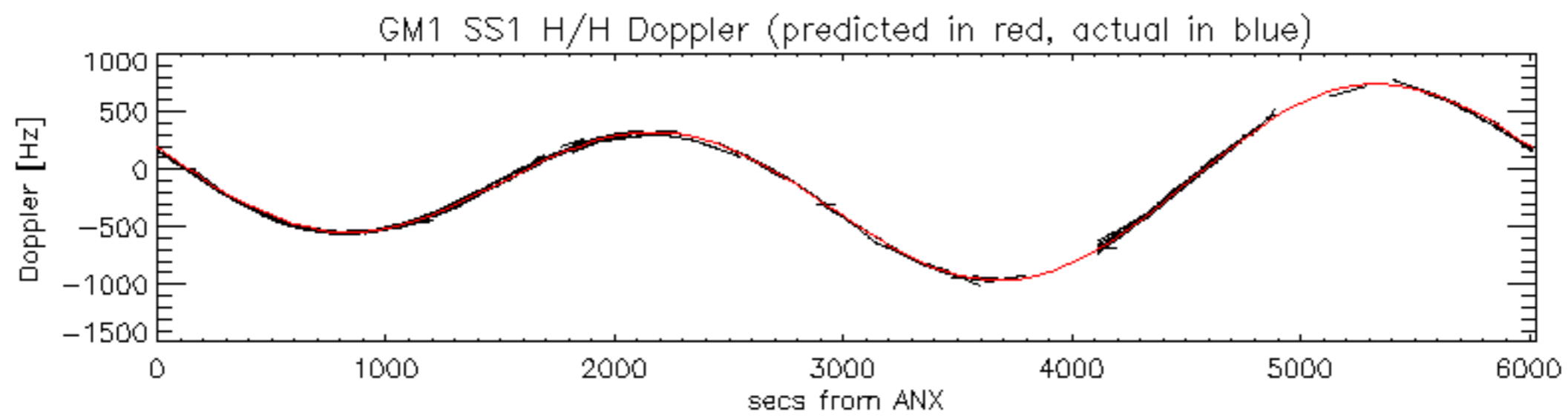
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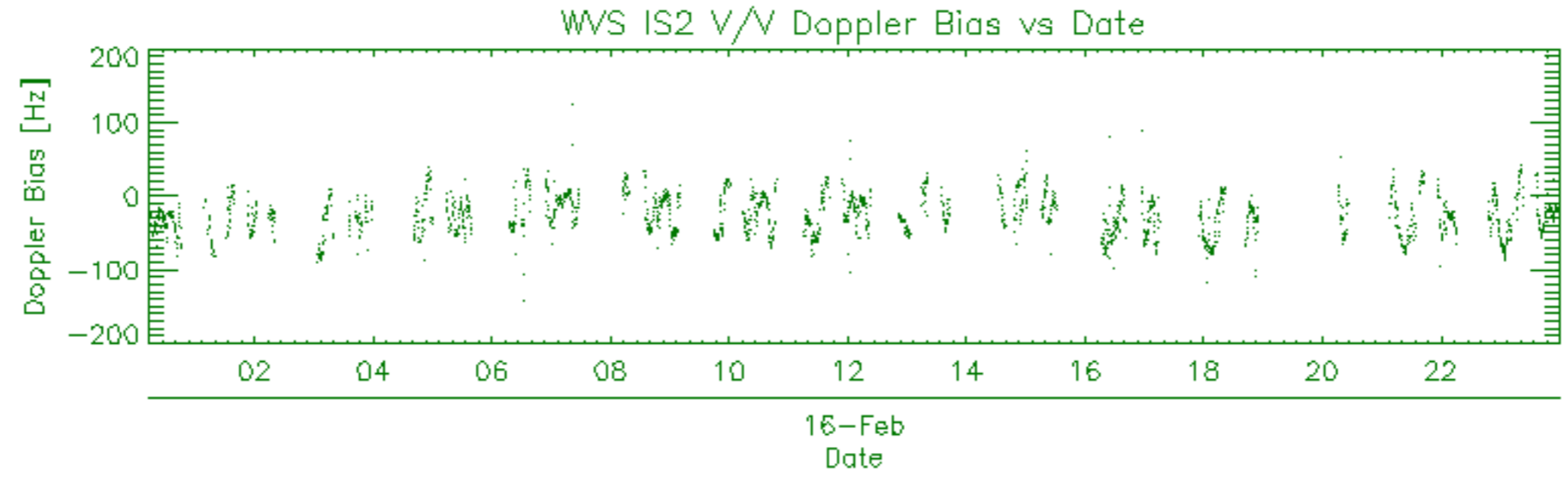
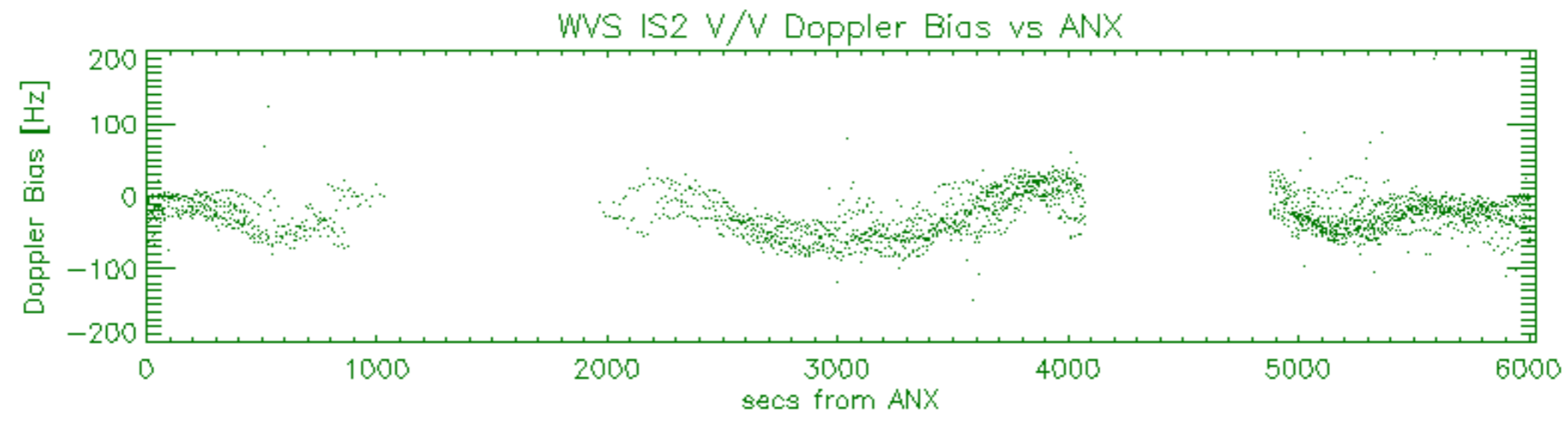
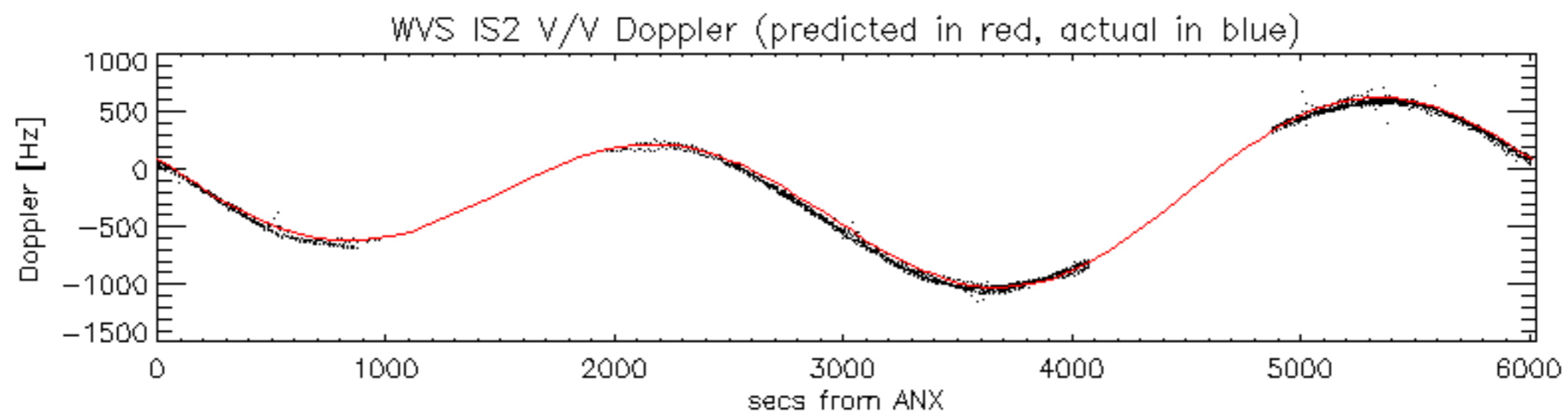


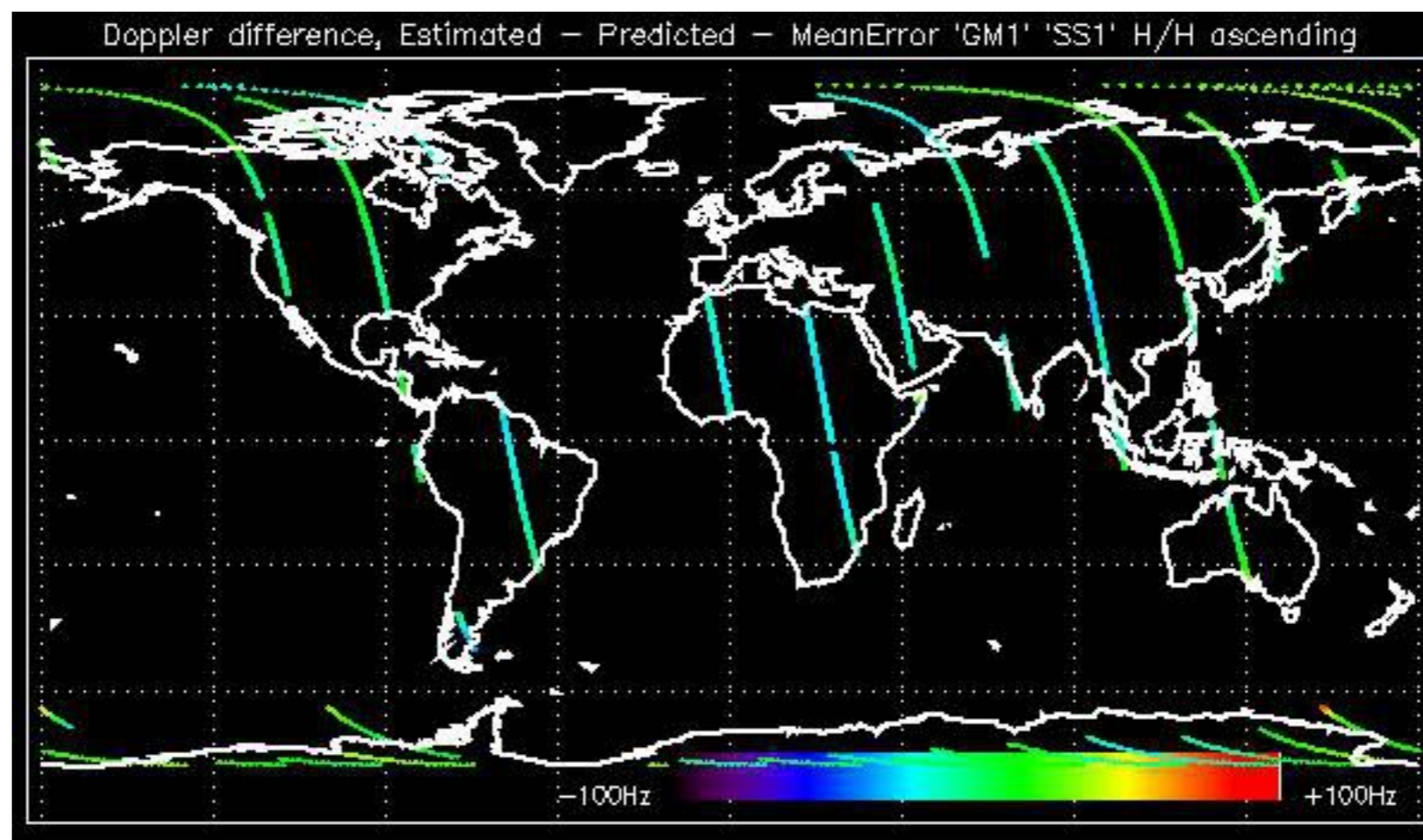


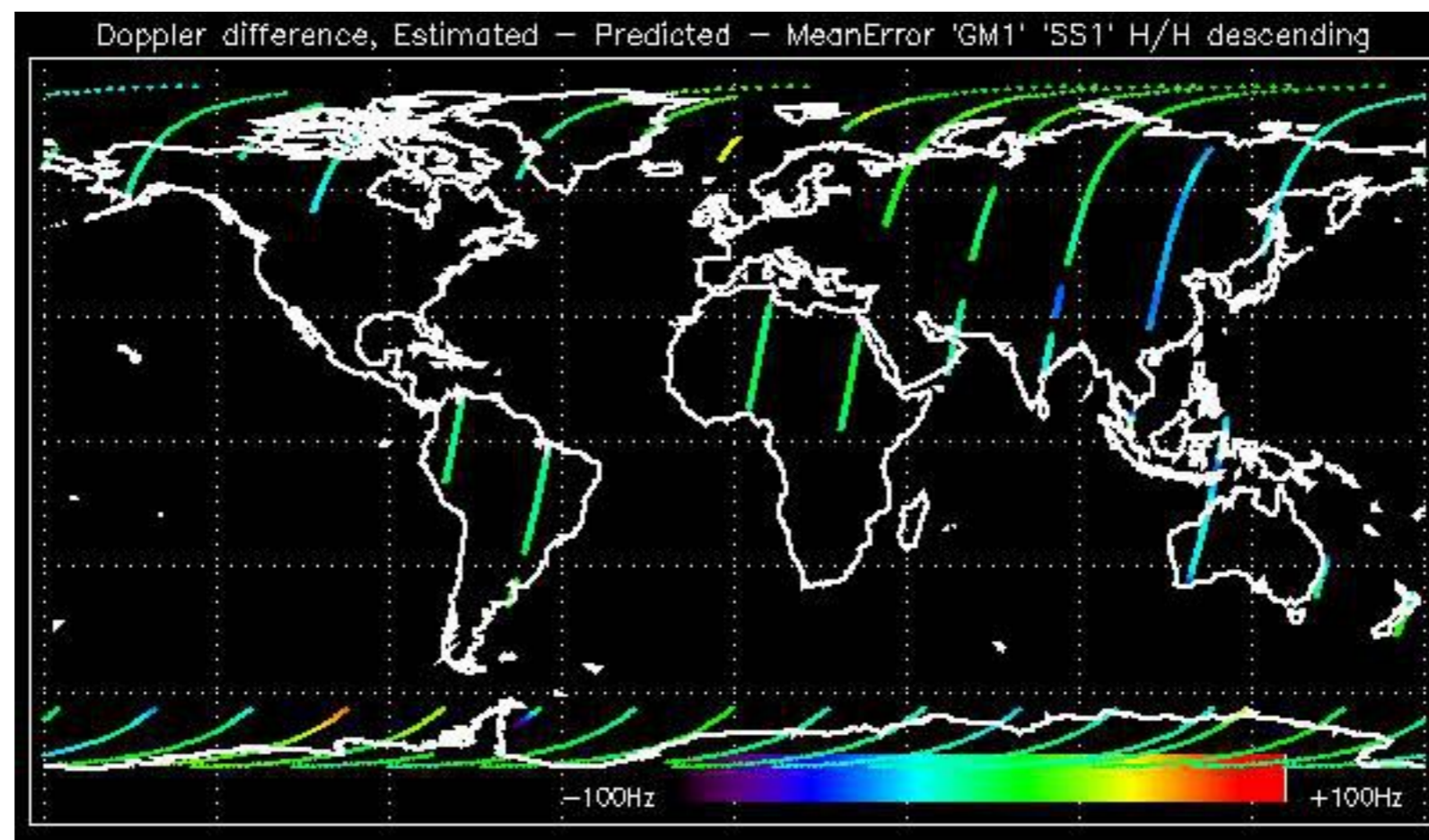


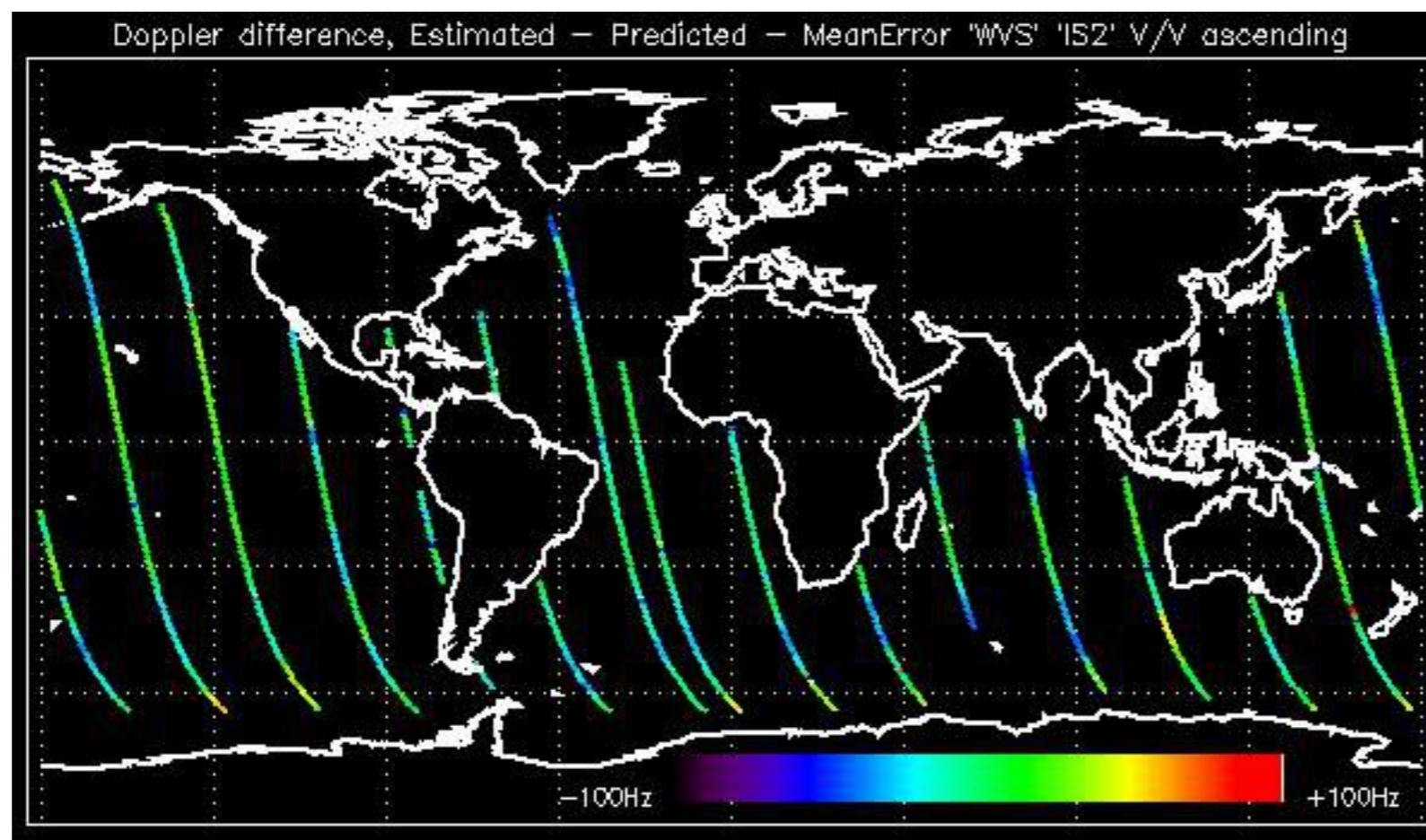


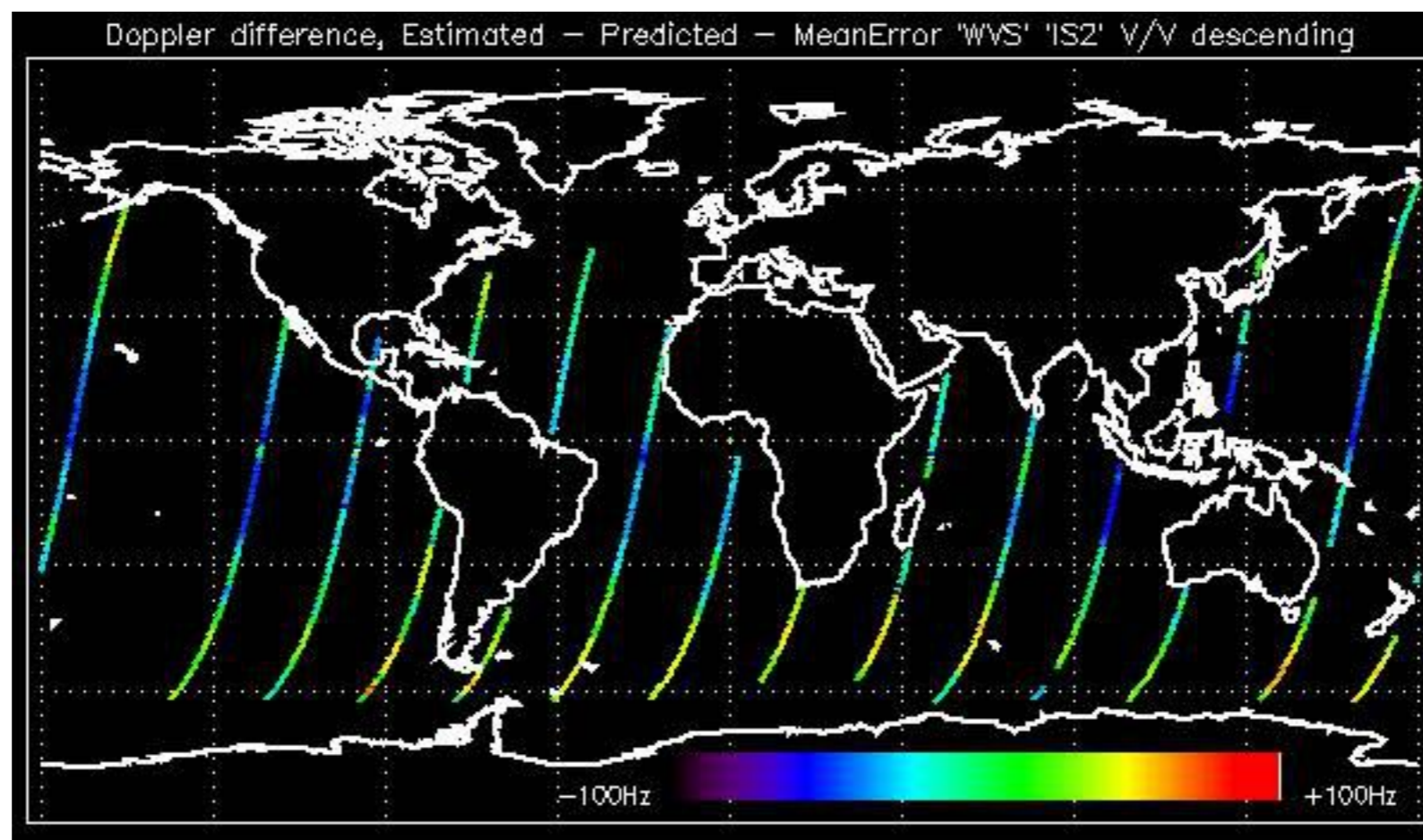


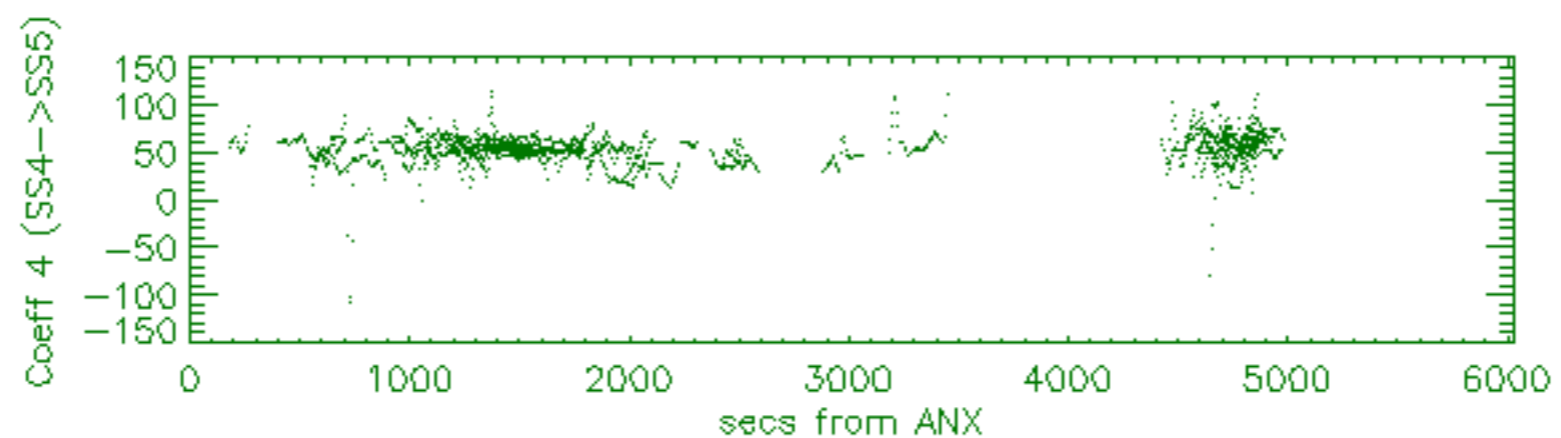
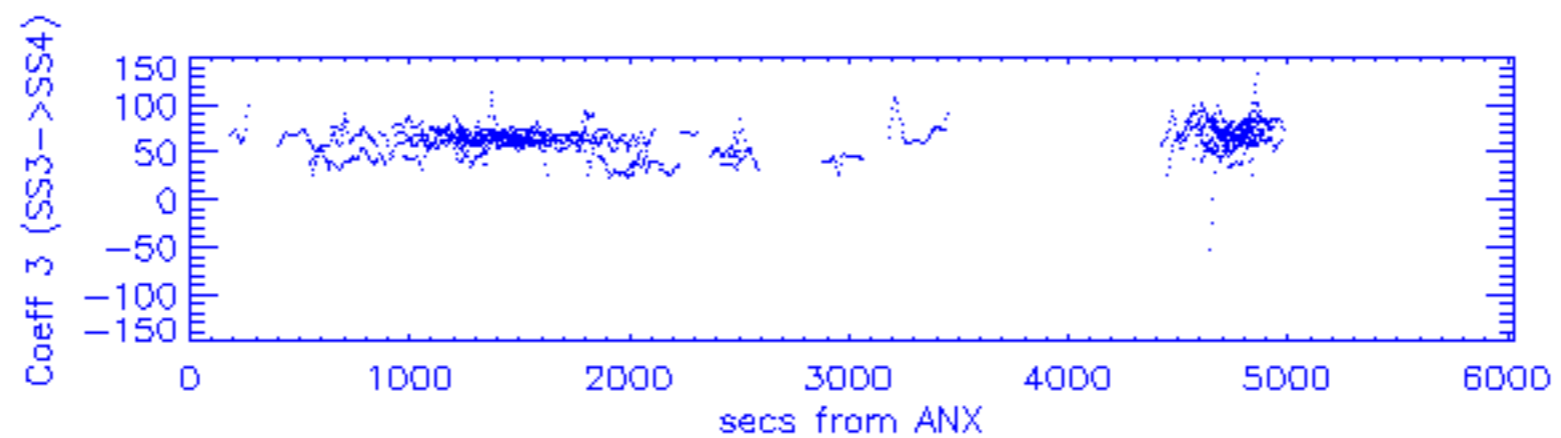
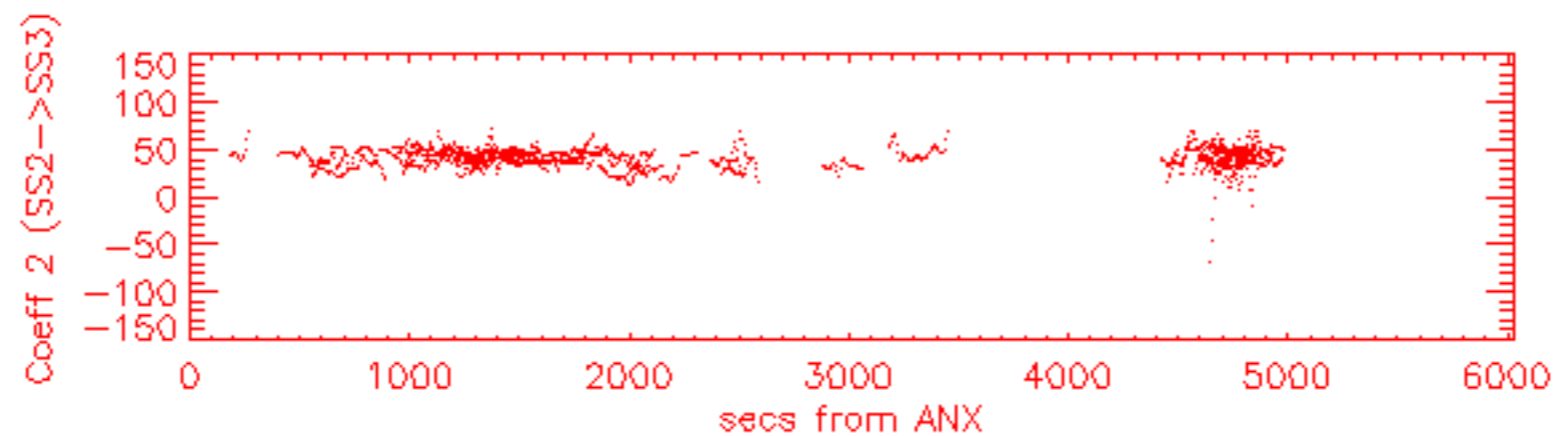
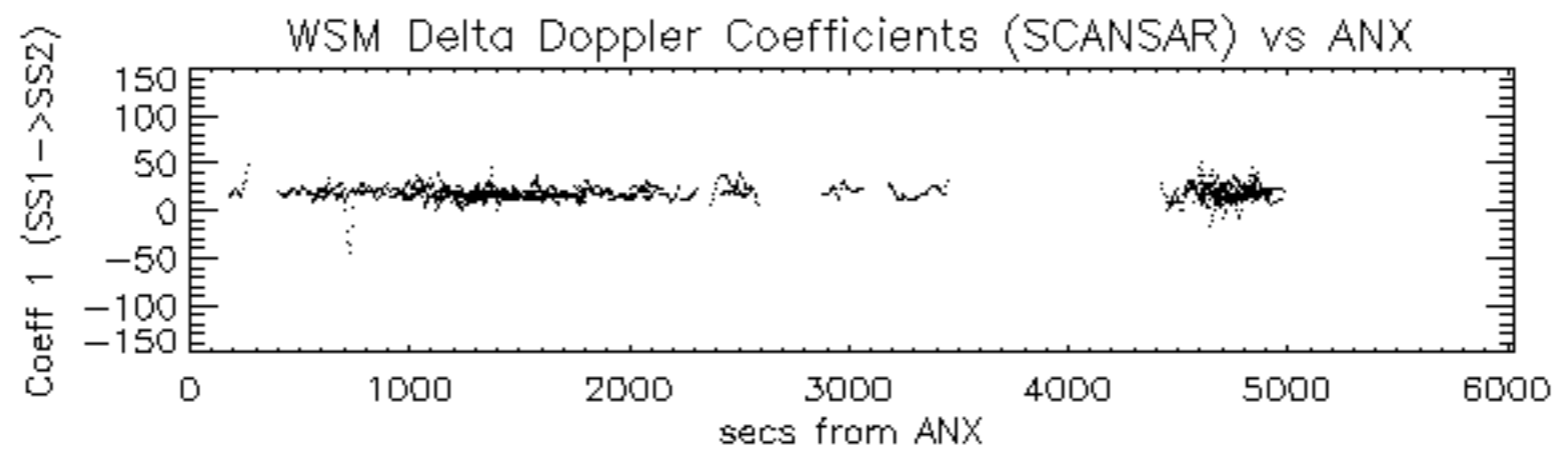


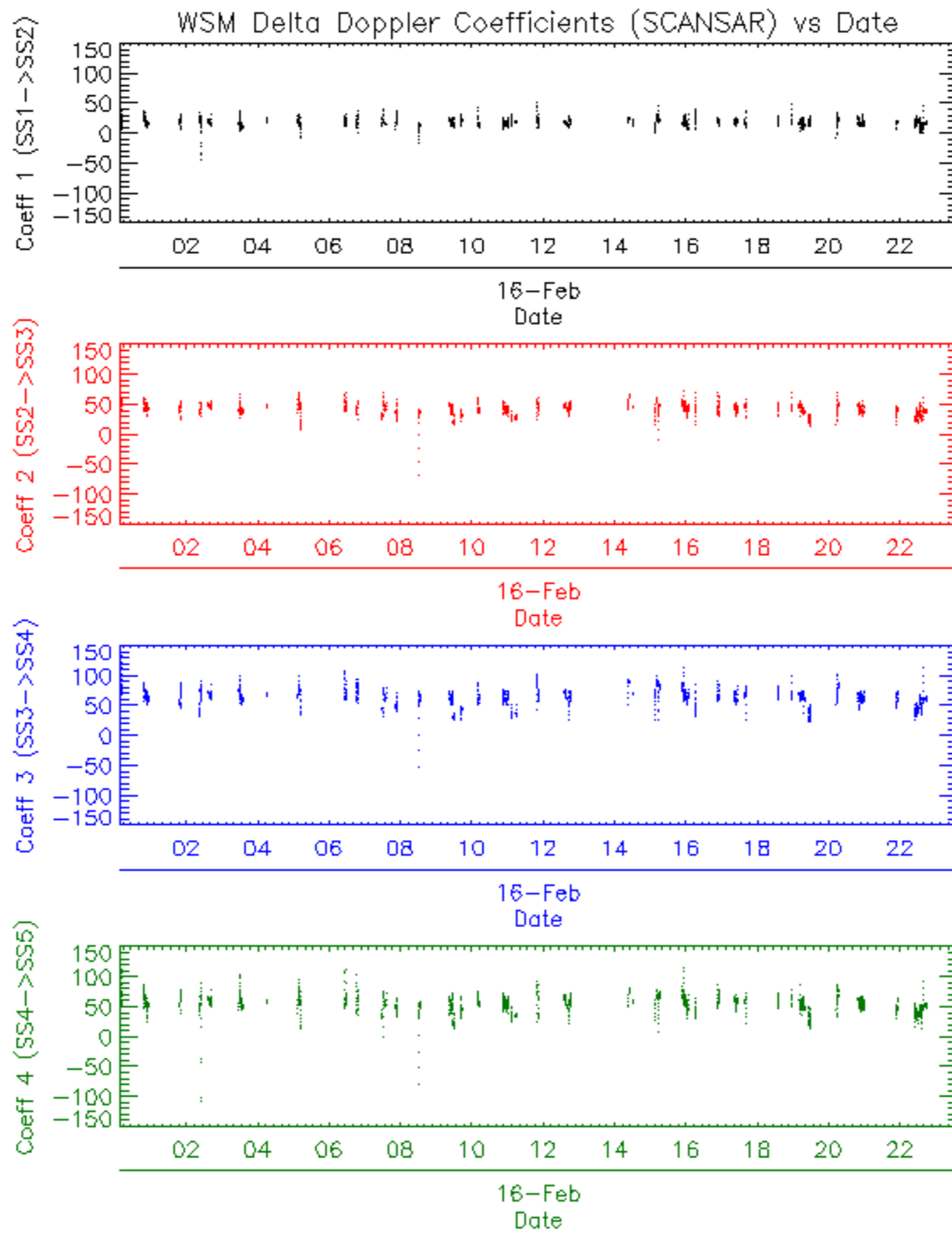


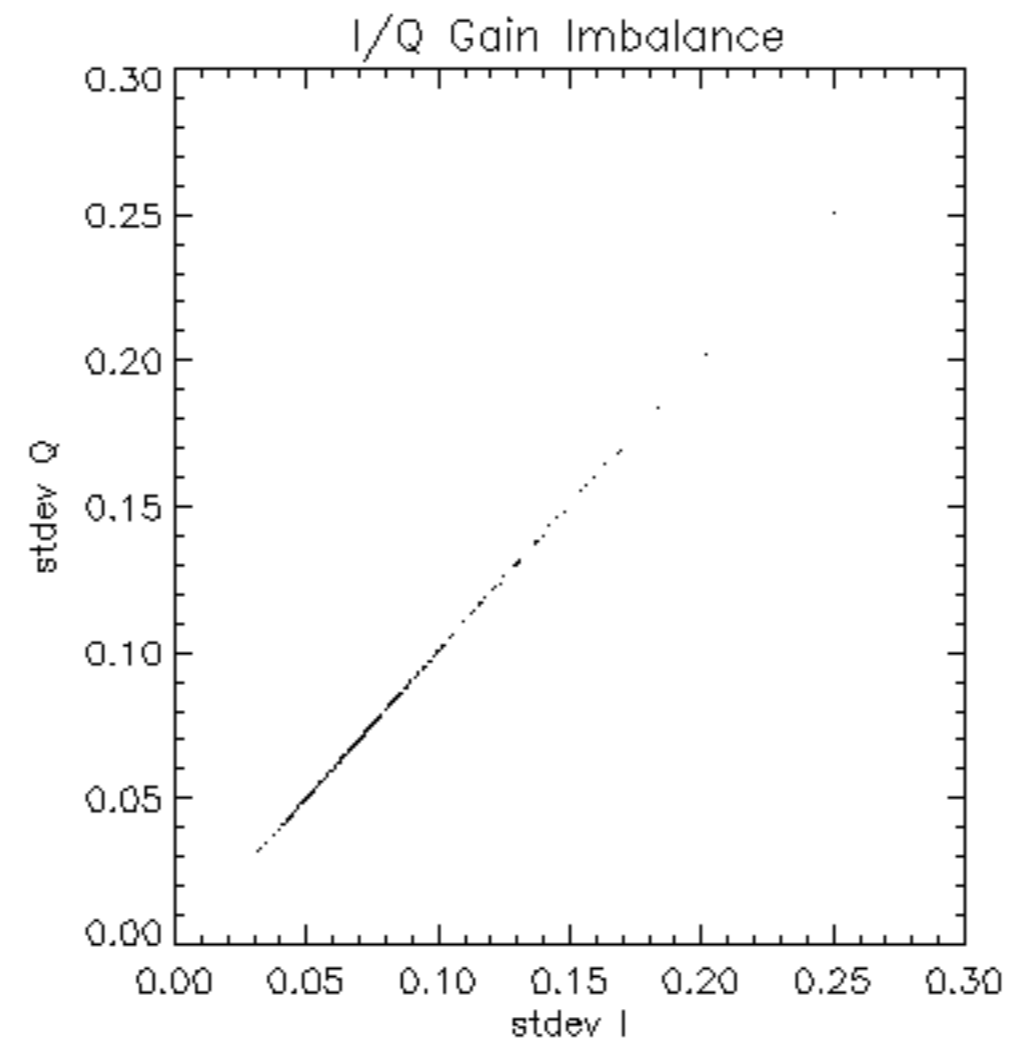


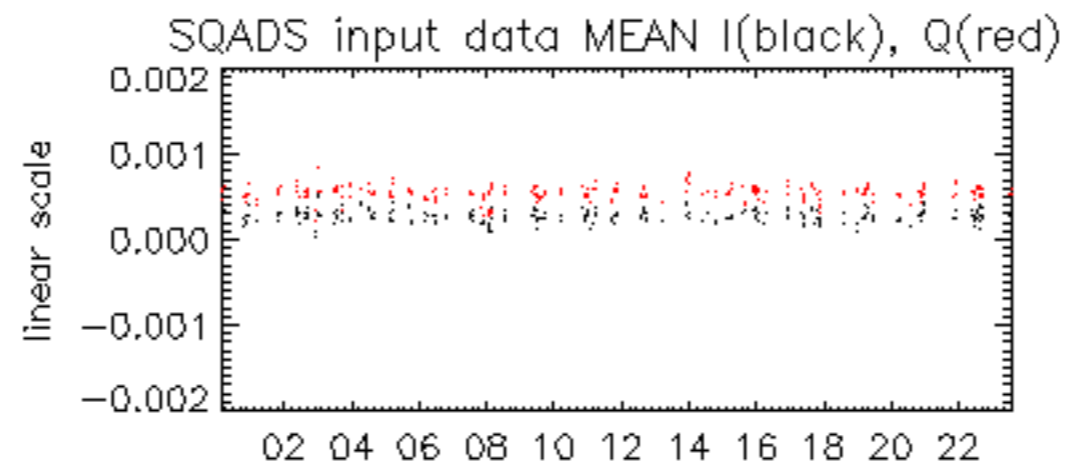




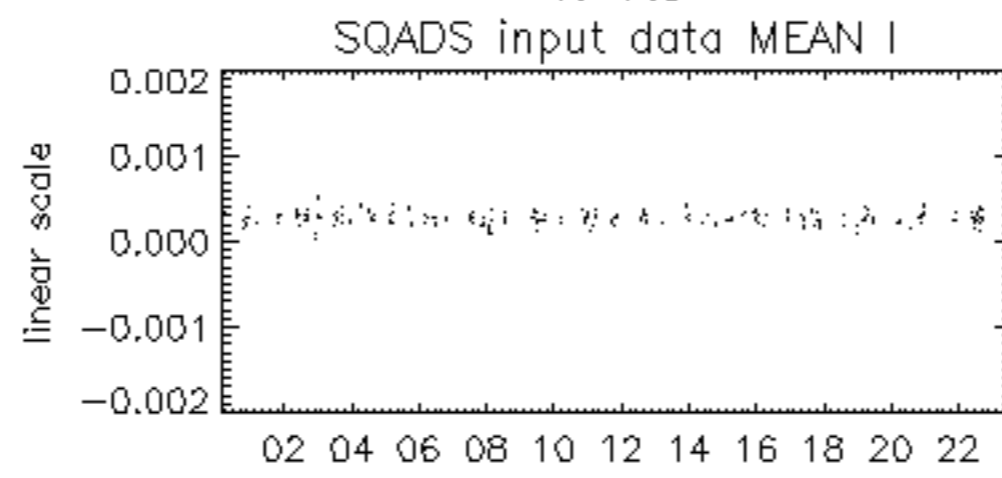




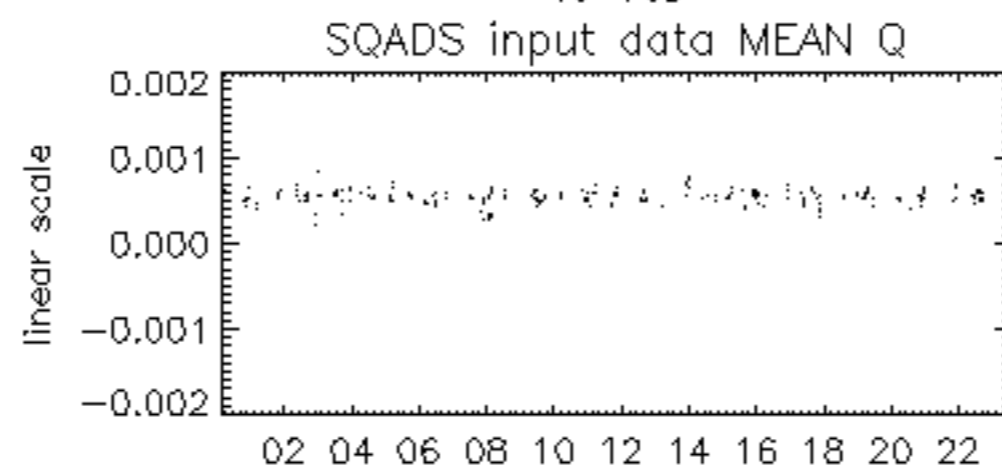




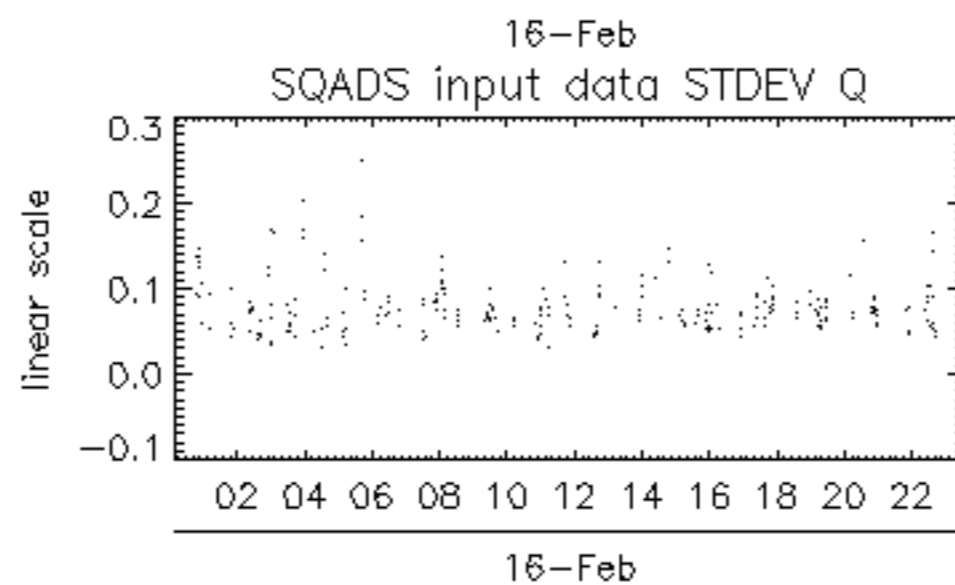
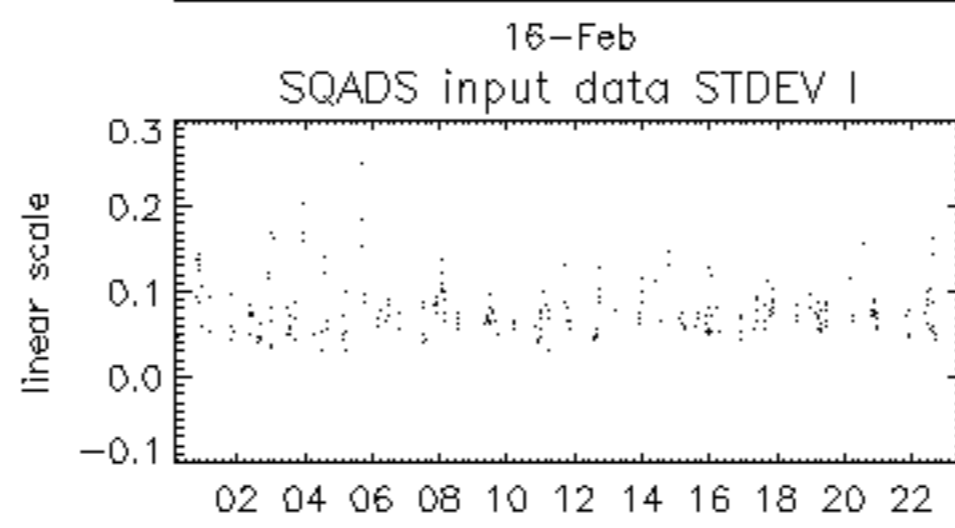
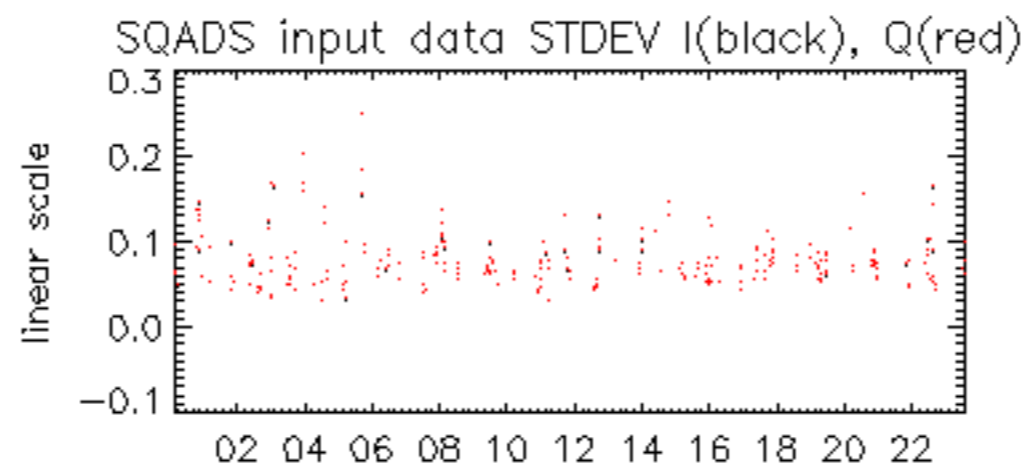
16-Feb

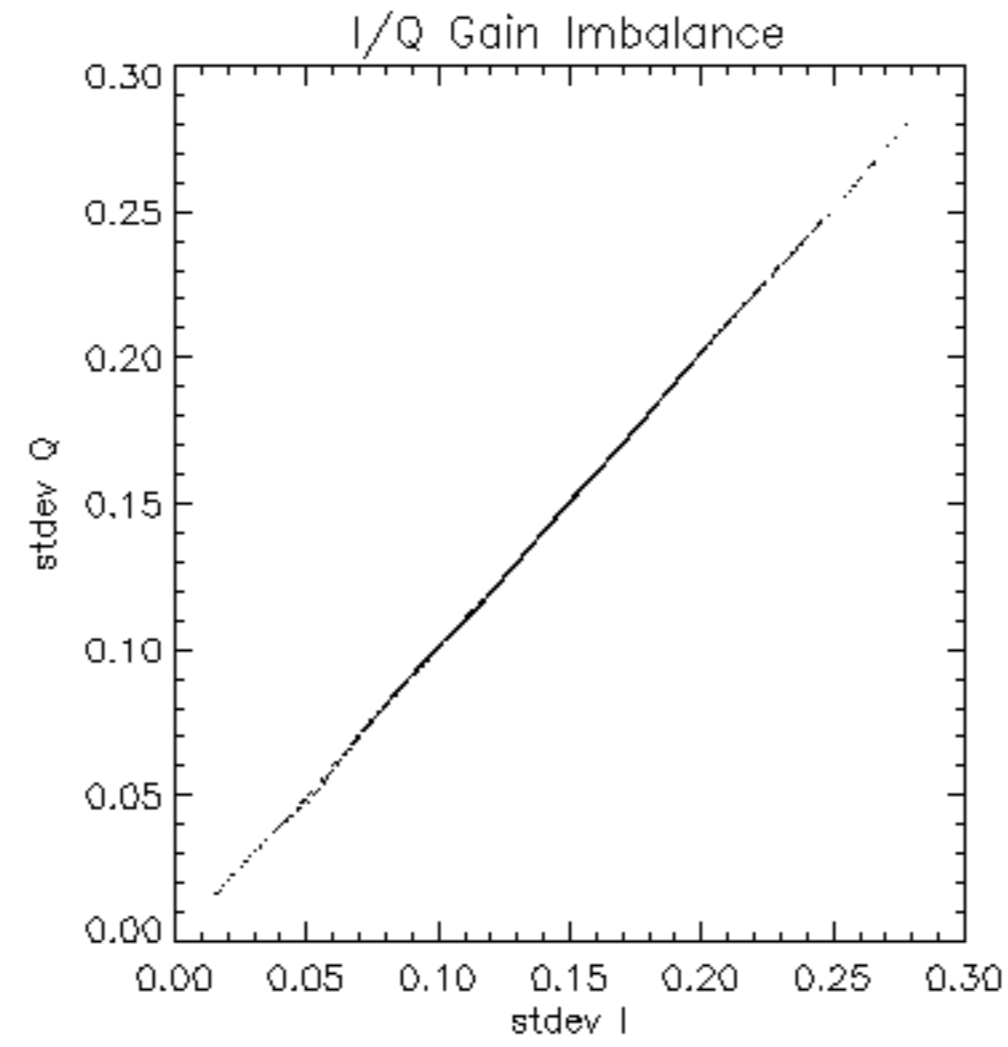


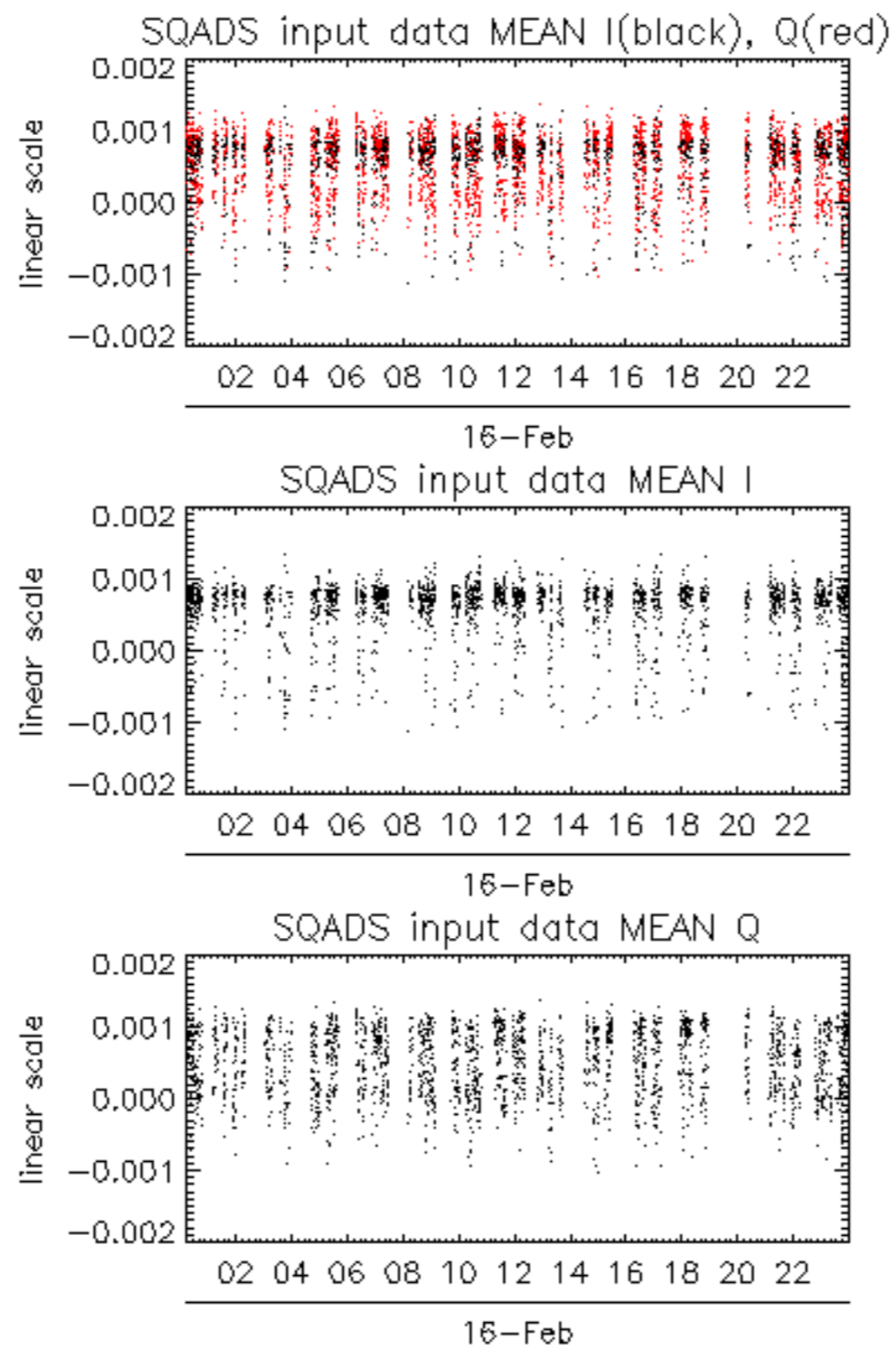
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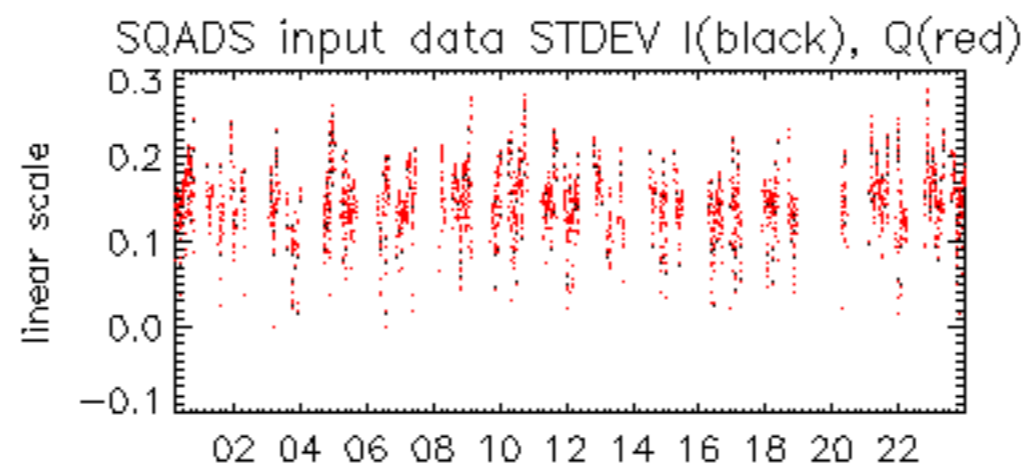


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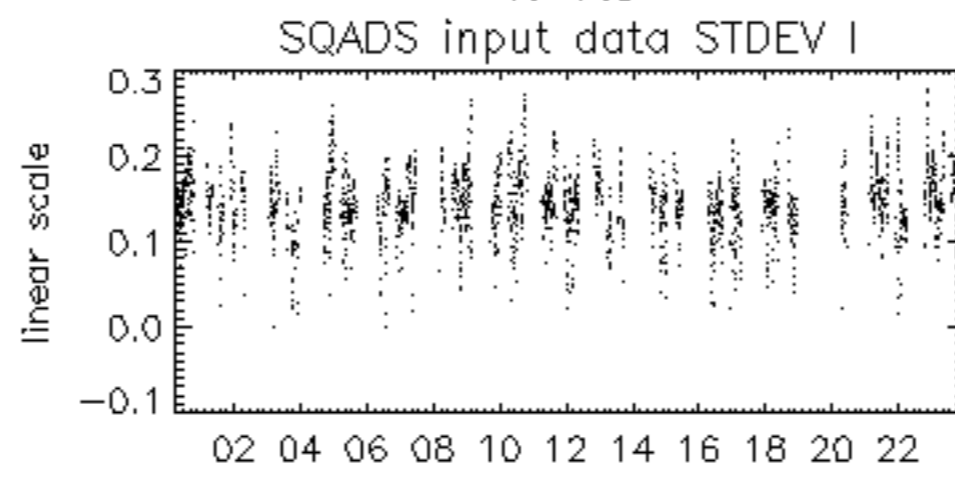




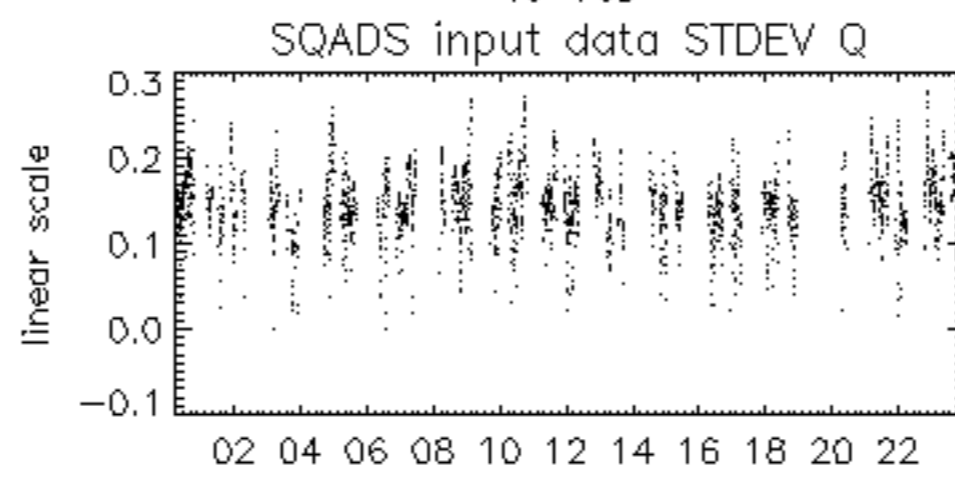




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