



Analysis from 28-OCT-2009 00:00:00 to 28-OCT-2009 23:59:59. Page generated on 29-OCT-2009 08:34:08.
View log file: ASAR_Daily_Report_20091029_0831.log. For any anomalies please contact emma.griffiths@vega.co.uk.

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	IS2	V/V	11	PDE	WS	H/H	12	PDE	IS3	H/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	31	PDK	2009-10-28 07:18:19	H	320
PDK	IS2	V/V	21	PDK	WS	H/H	43					PDE	IS2	V/V	5	PDE	WS	V/V	1				
												PDE	IS4	V/V	1	PDK	WS	H/H	18				
												PDE	IS6	H/H	1	PDK	WS	V/V	2				
												PDK	IS2	H/H	1								
												PDK	IS2	V/V	2								
												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_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

2.2 - Products with wrong ADFs

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

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

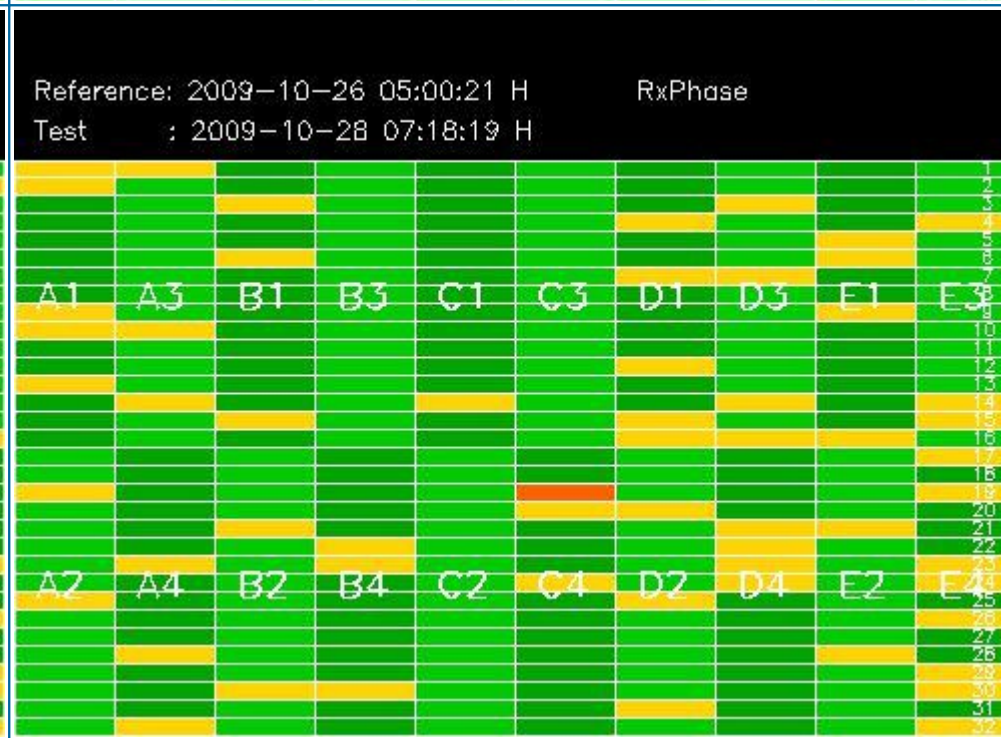
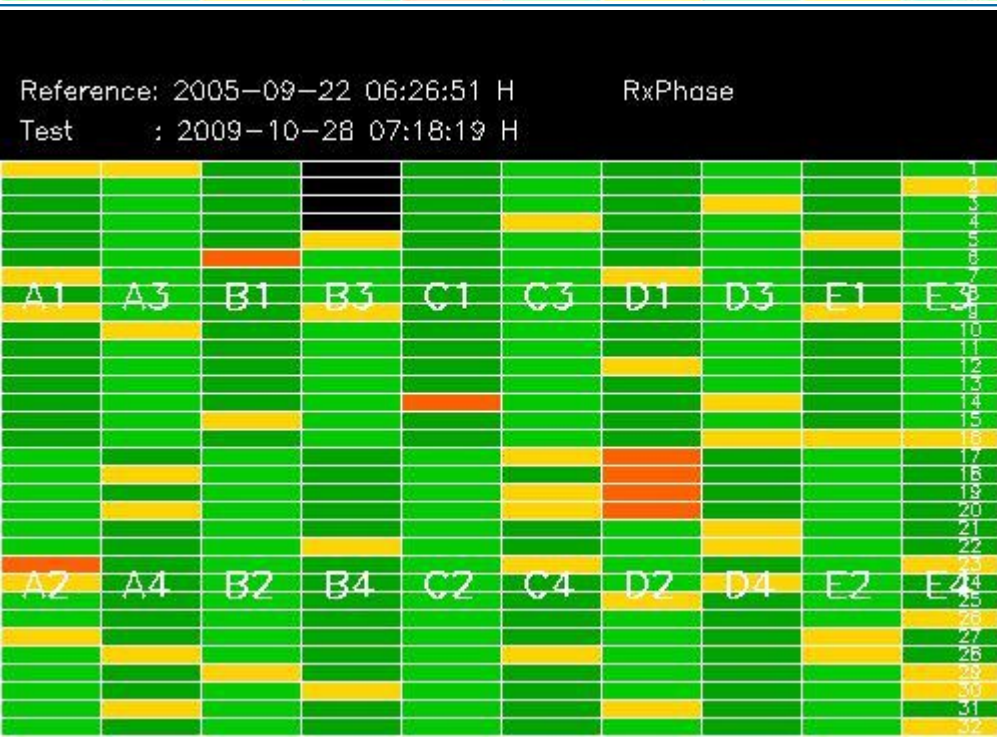
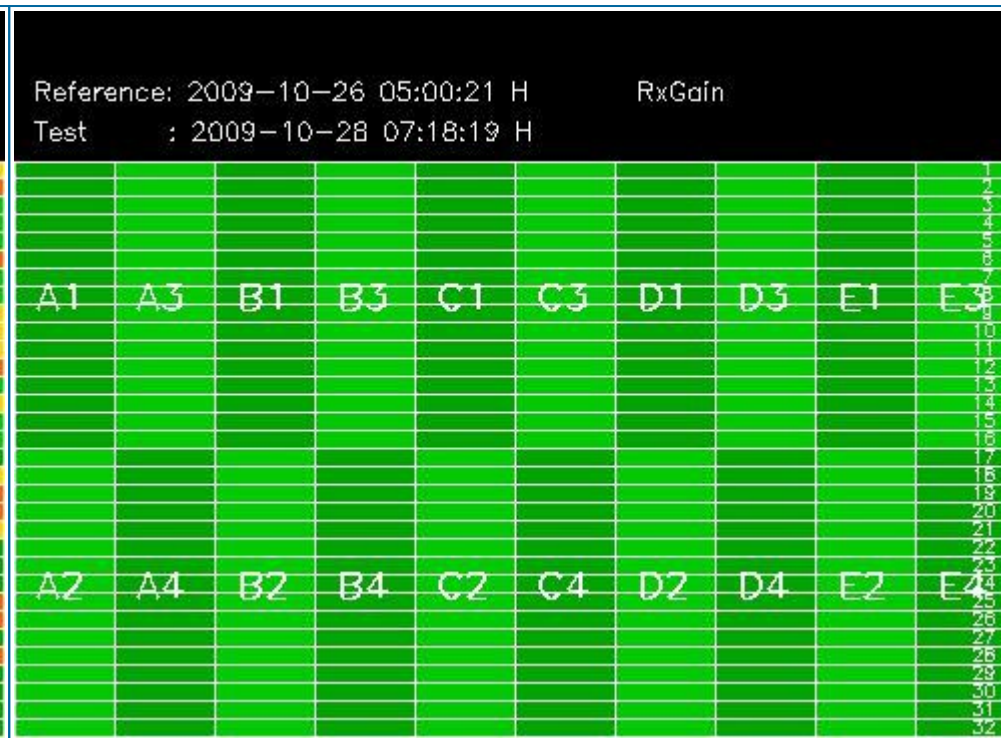


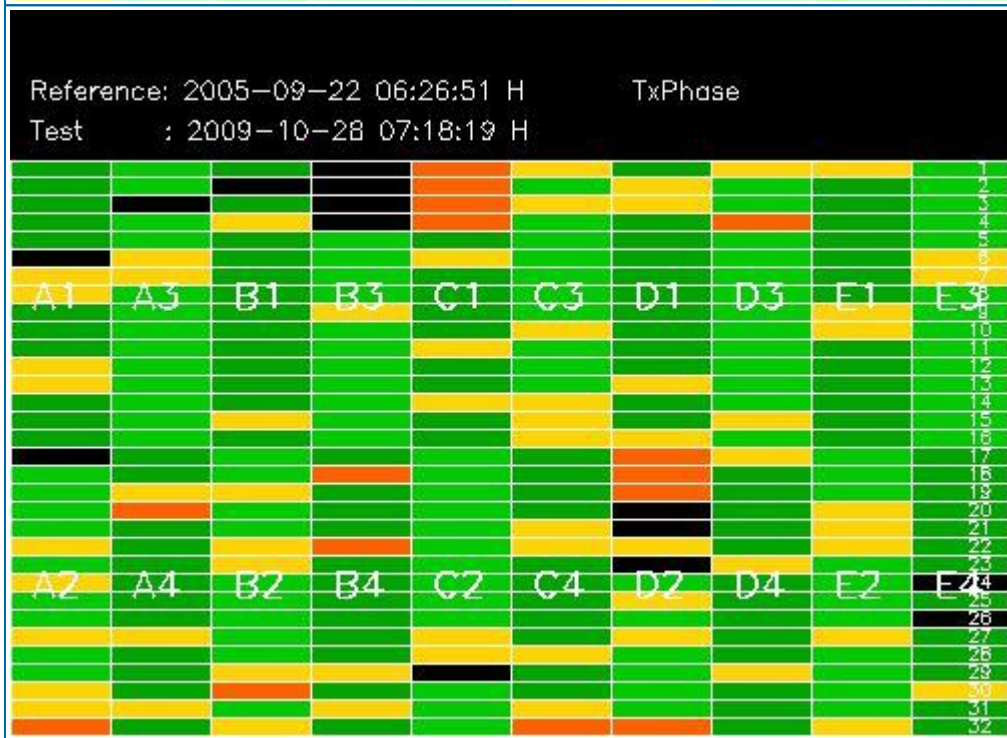
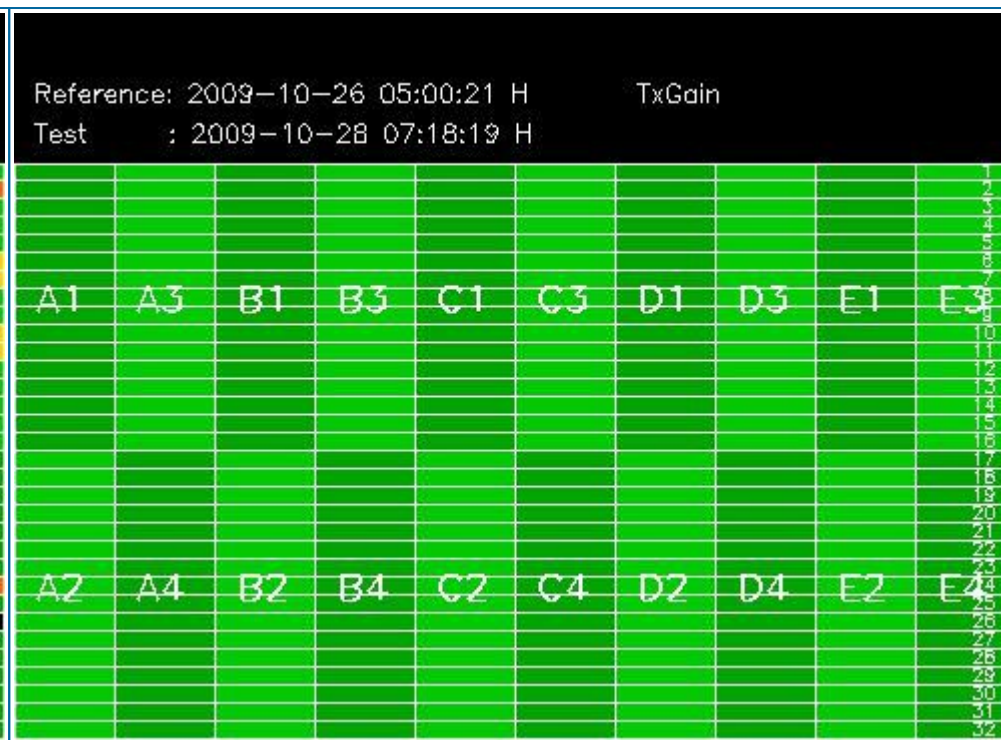
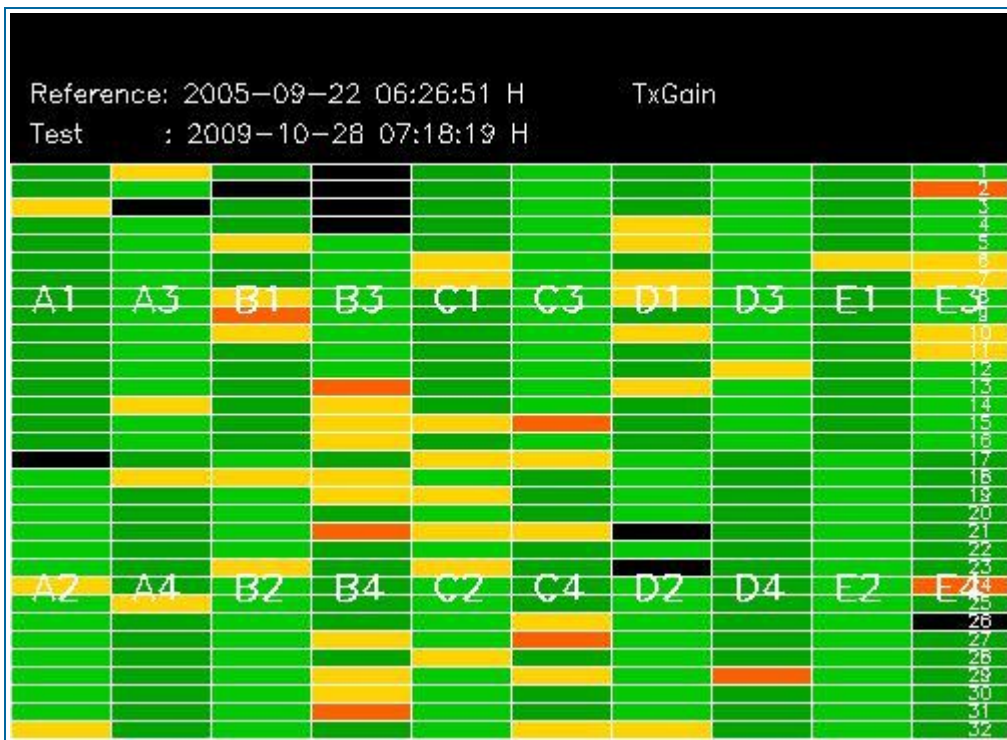


3.2 - H/H polarisation

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

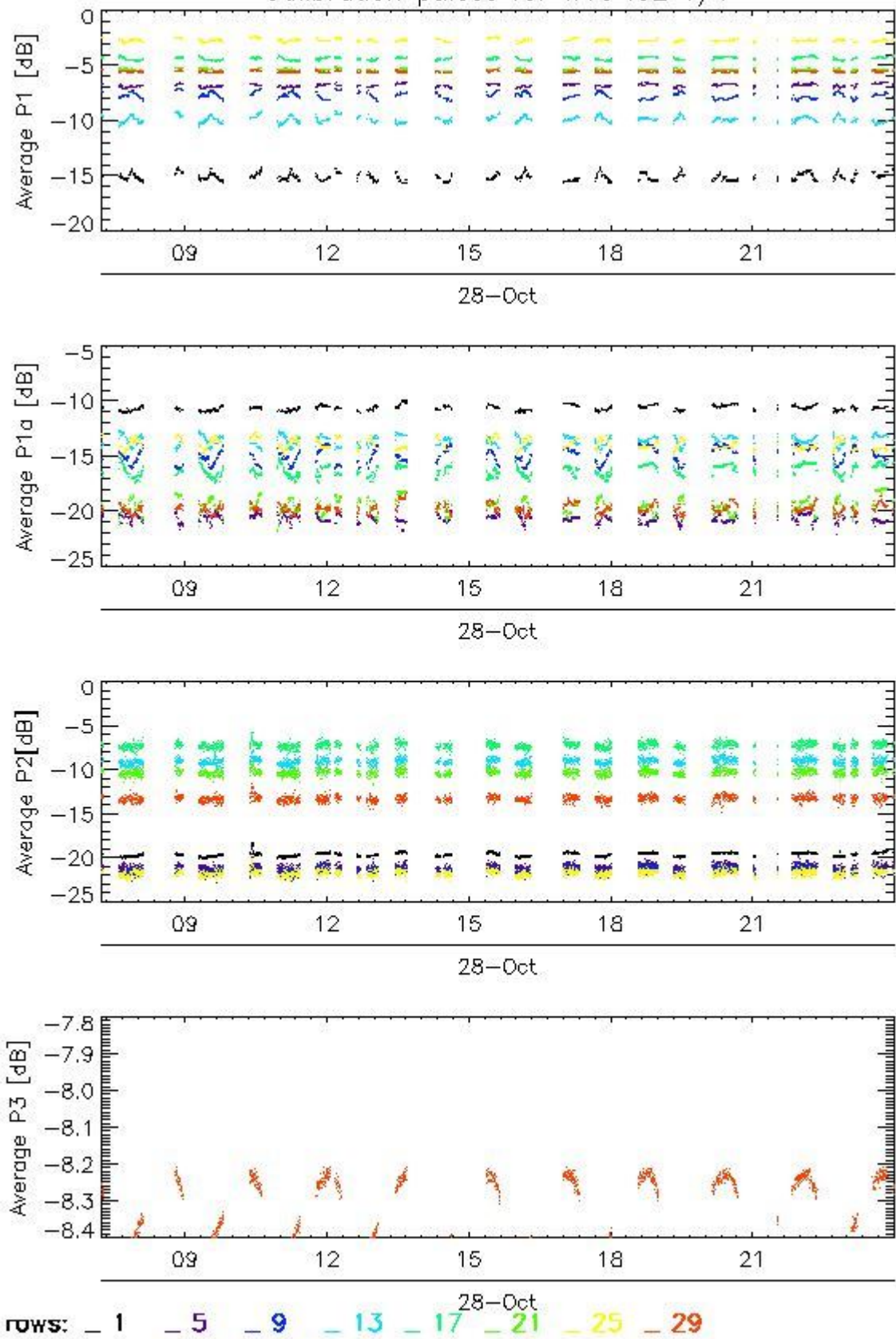
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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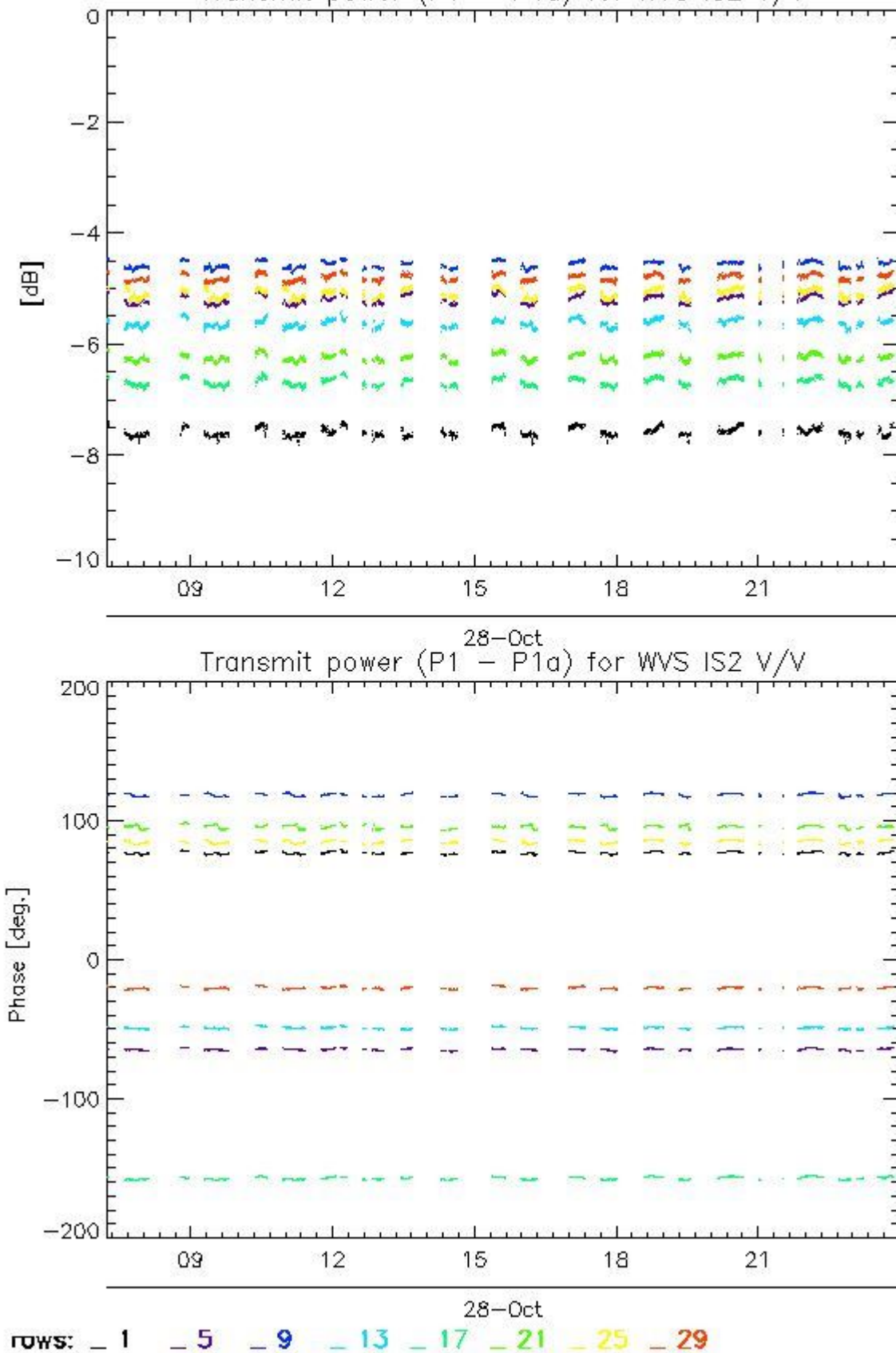
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



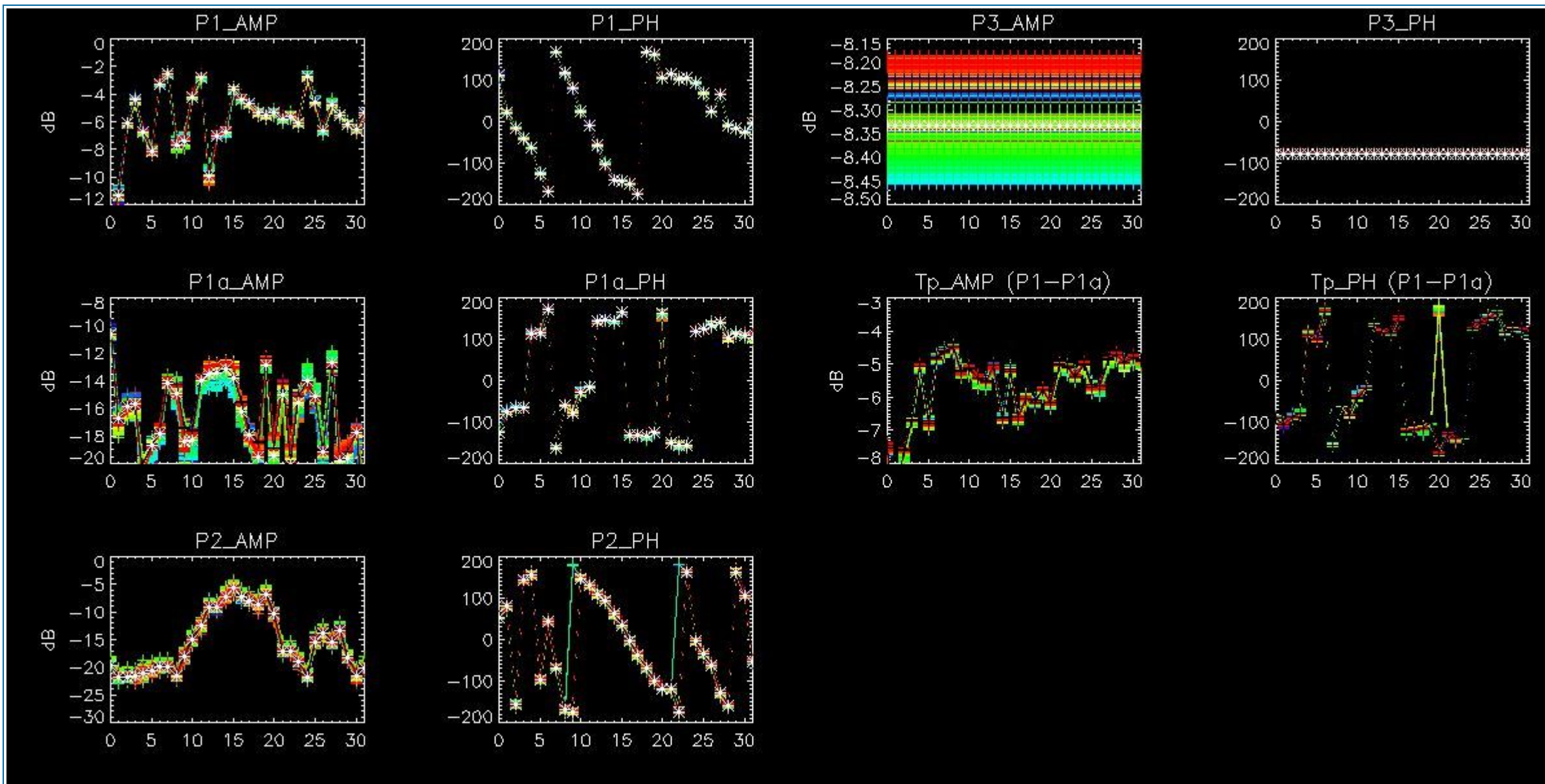
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

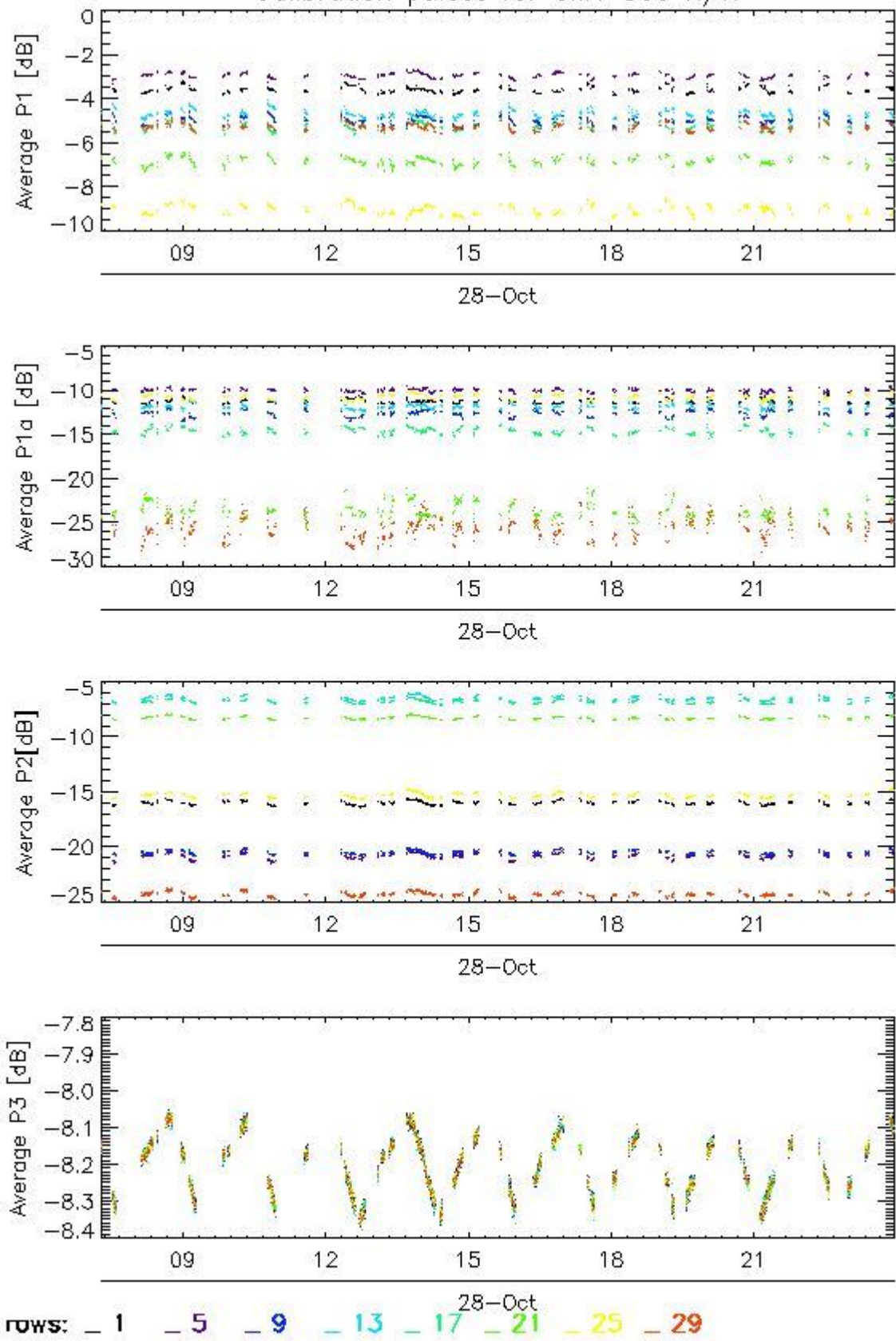
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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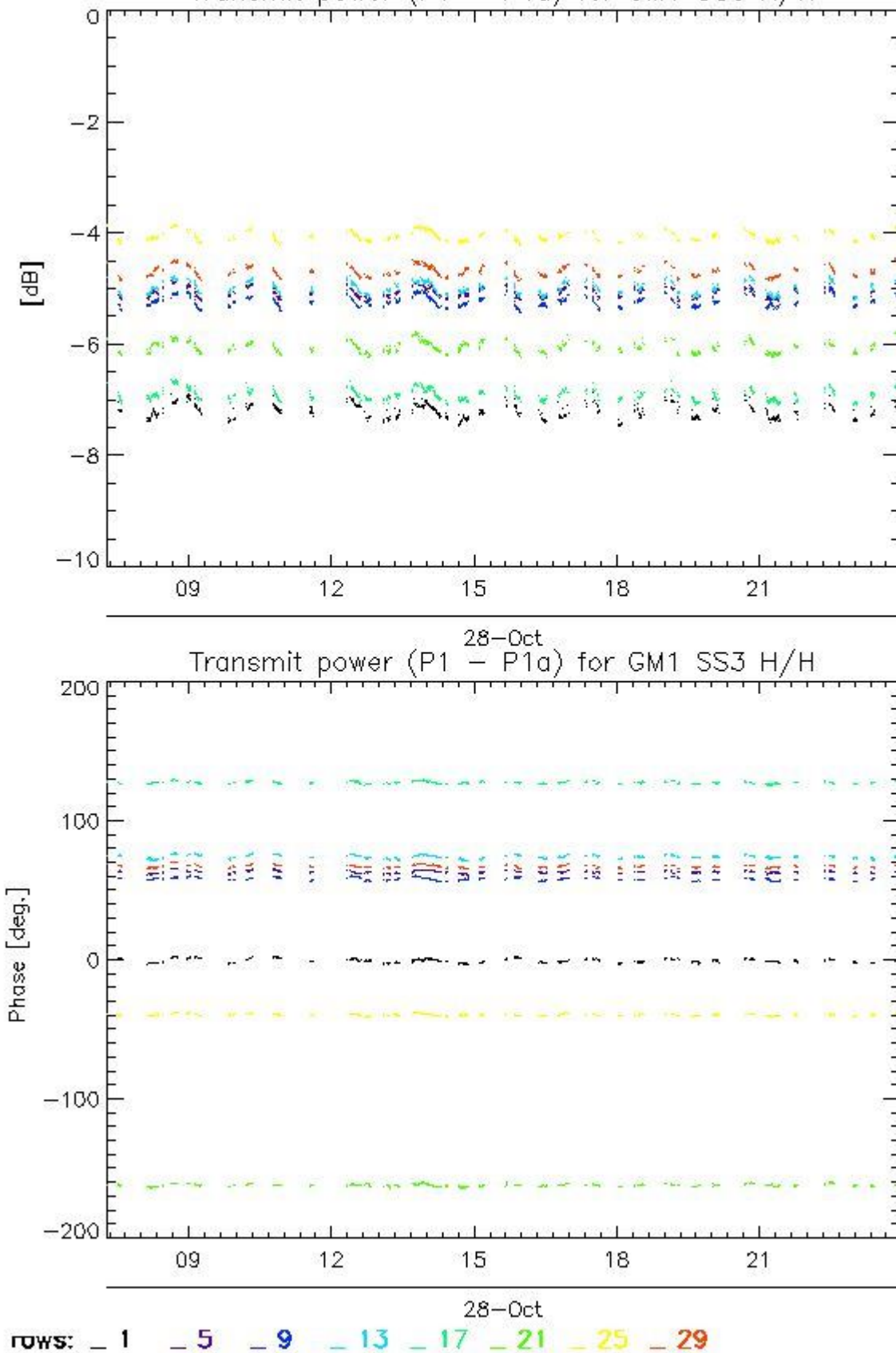
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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 GM1 SS3 H/H



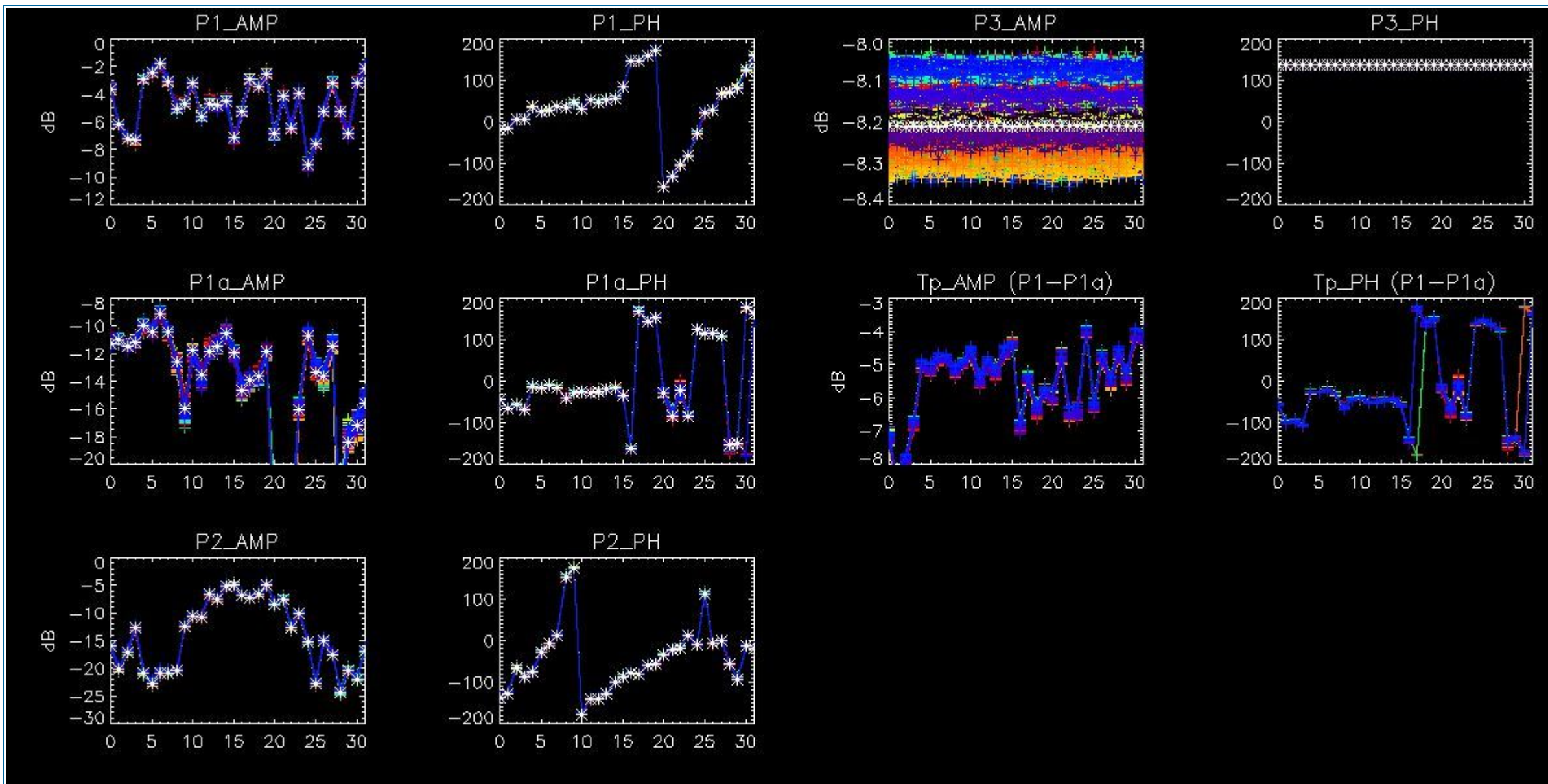
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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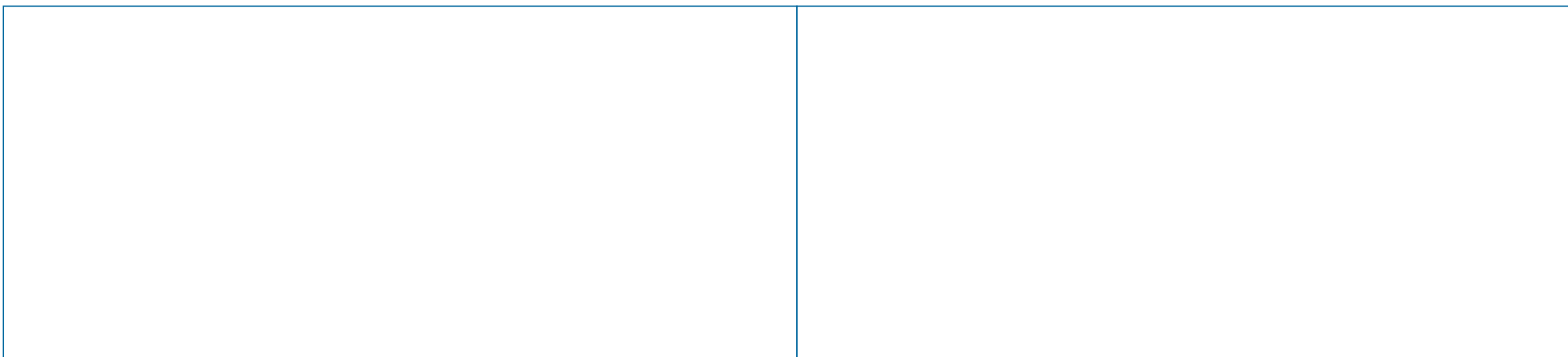


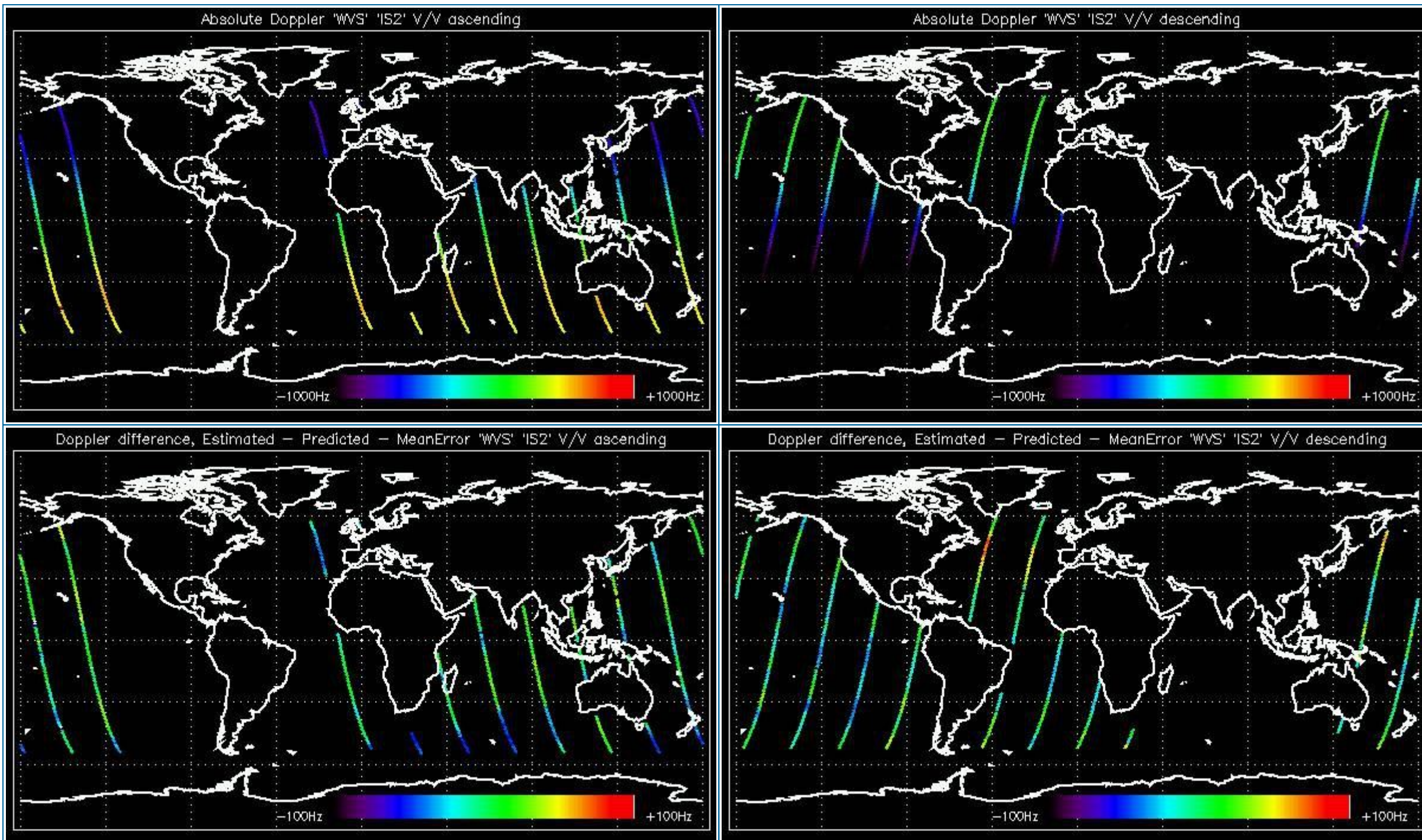
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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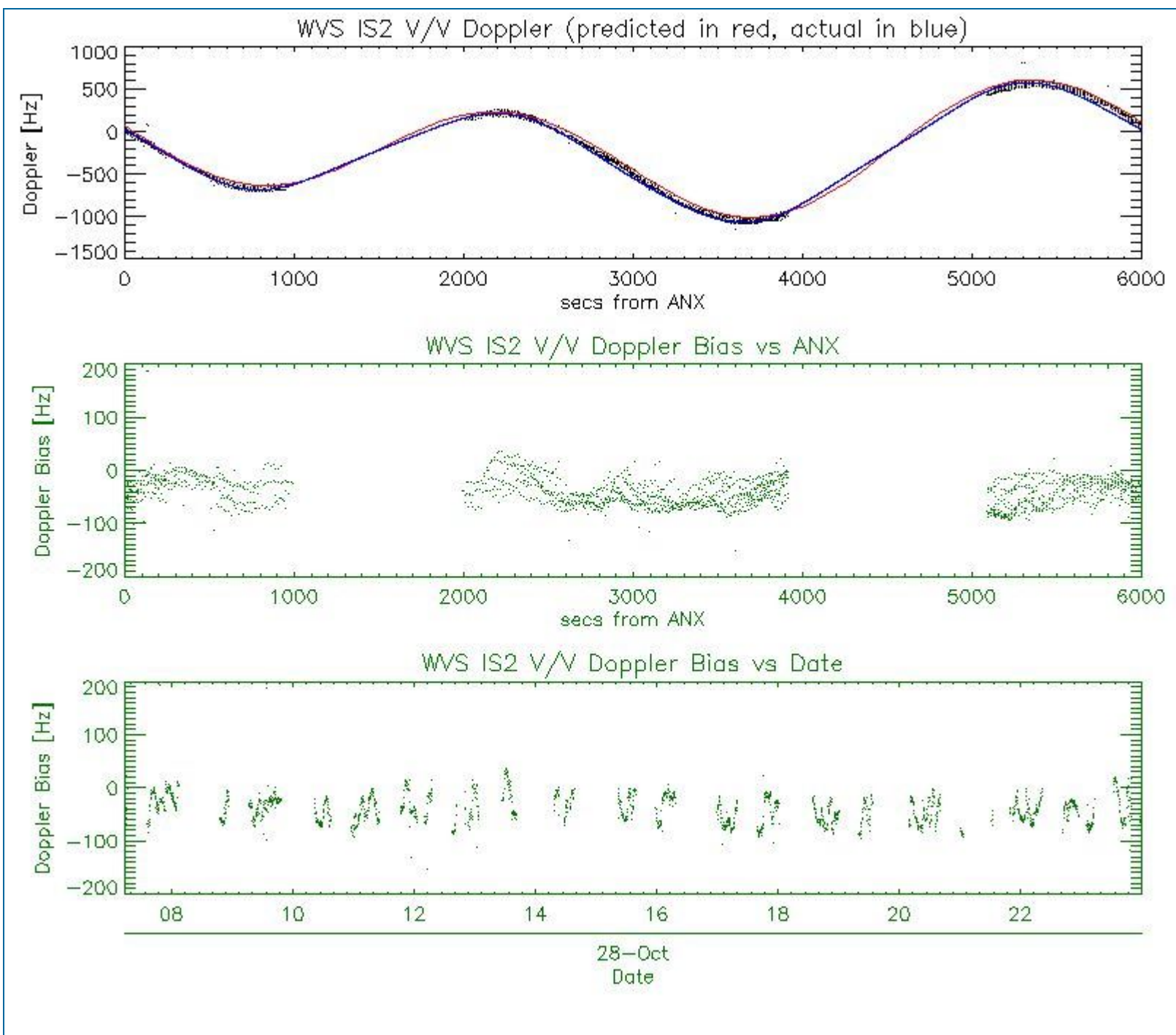




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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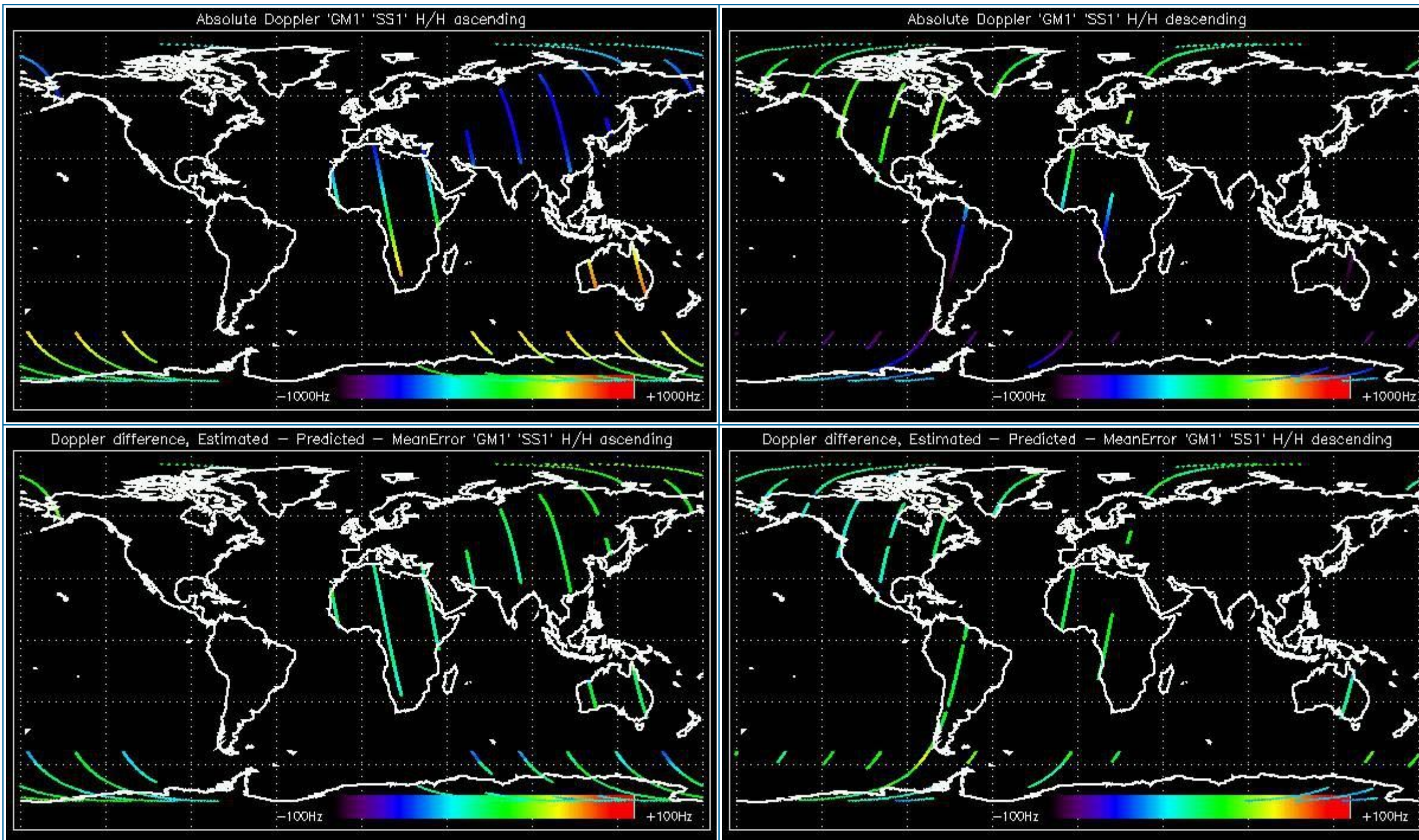


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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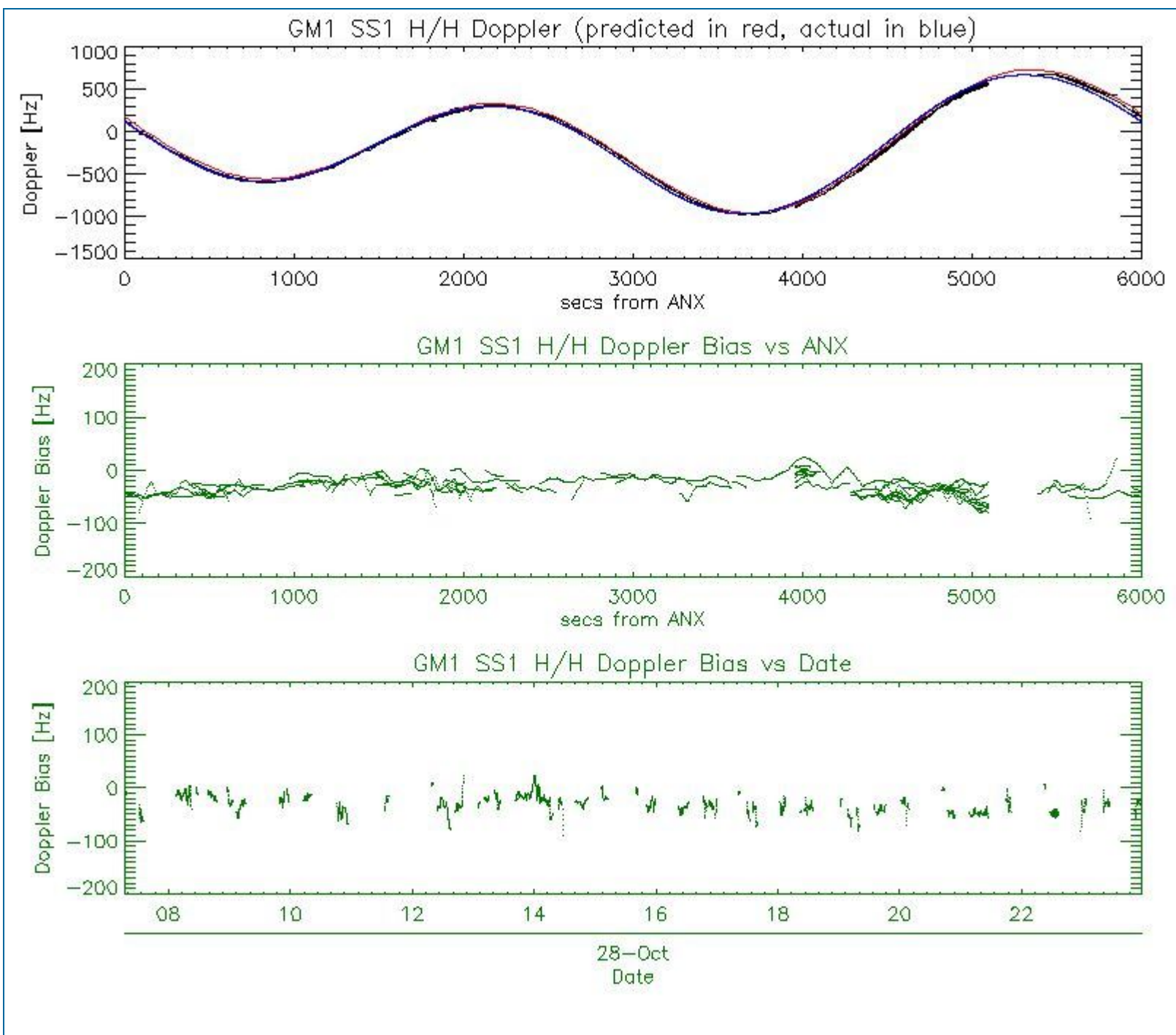




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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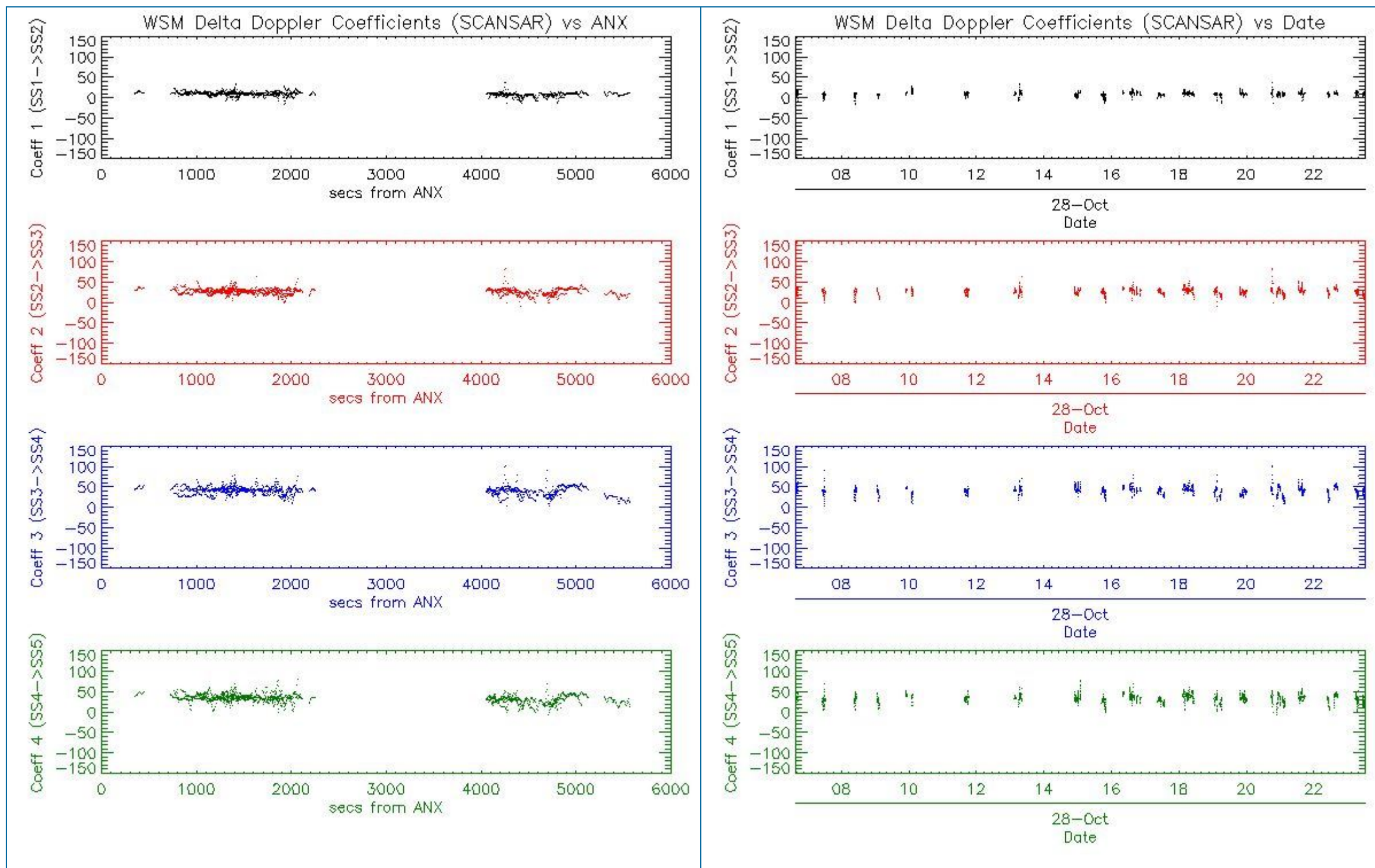




5.3 - Doppler JUMPS Analysis for WSM

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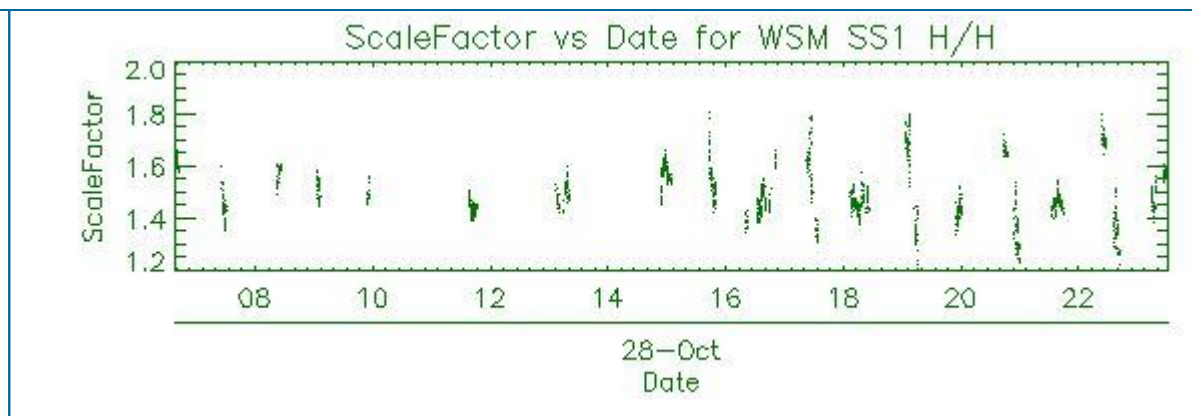
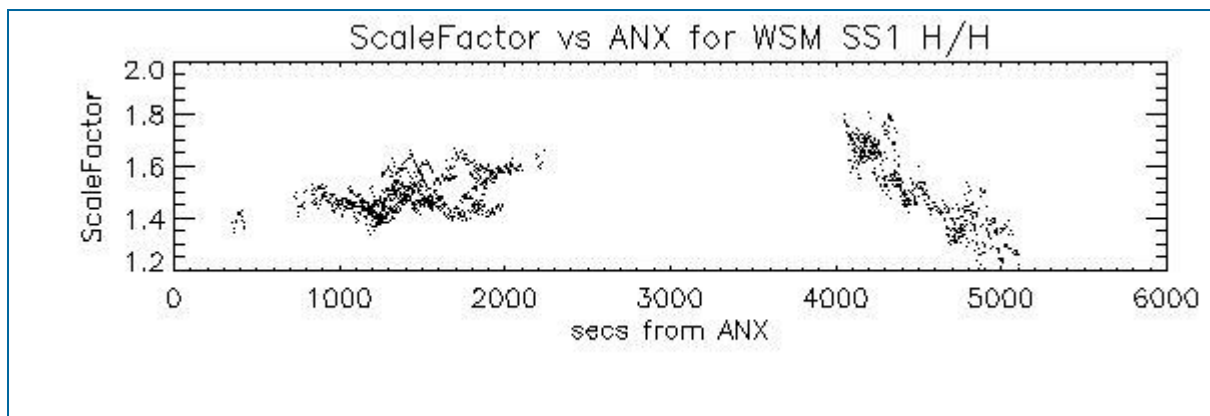
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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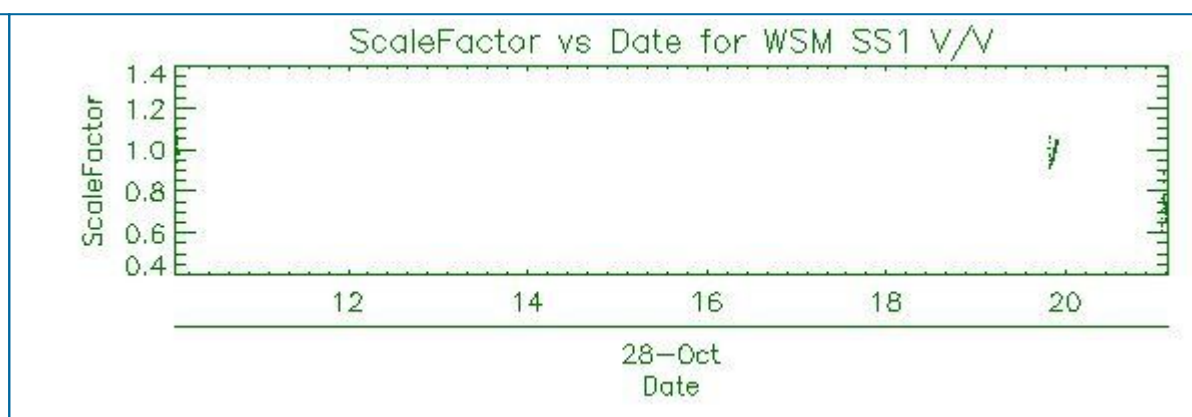
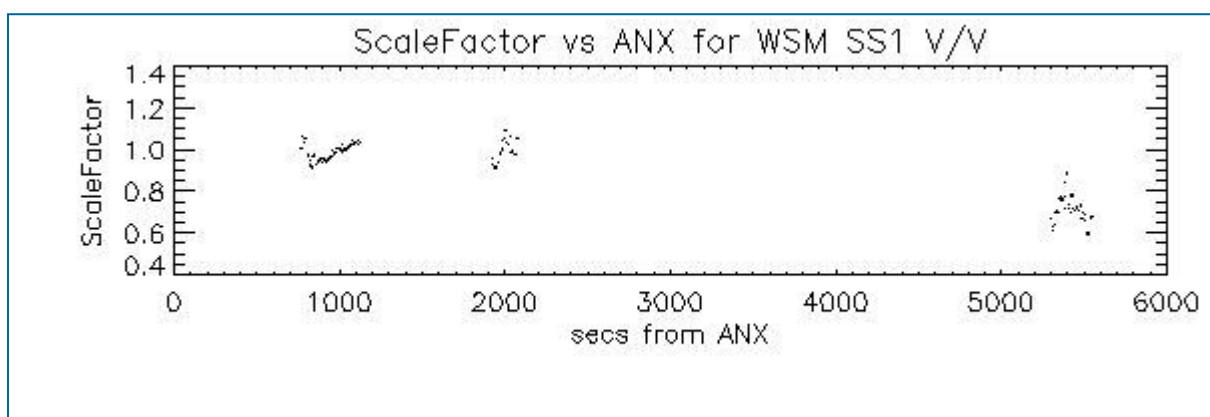




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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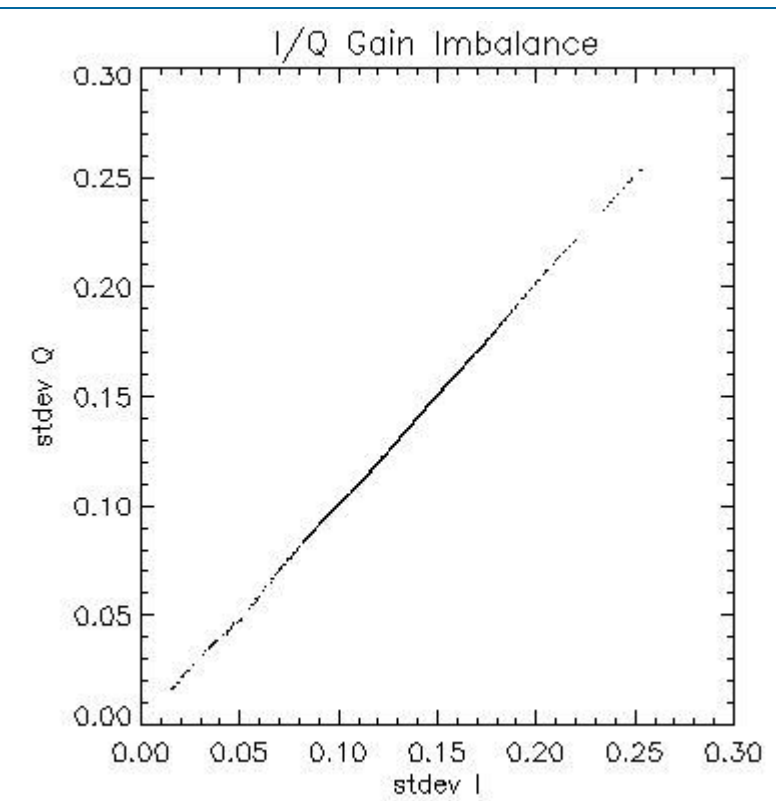
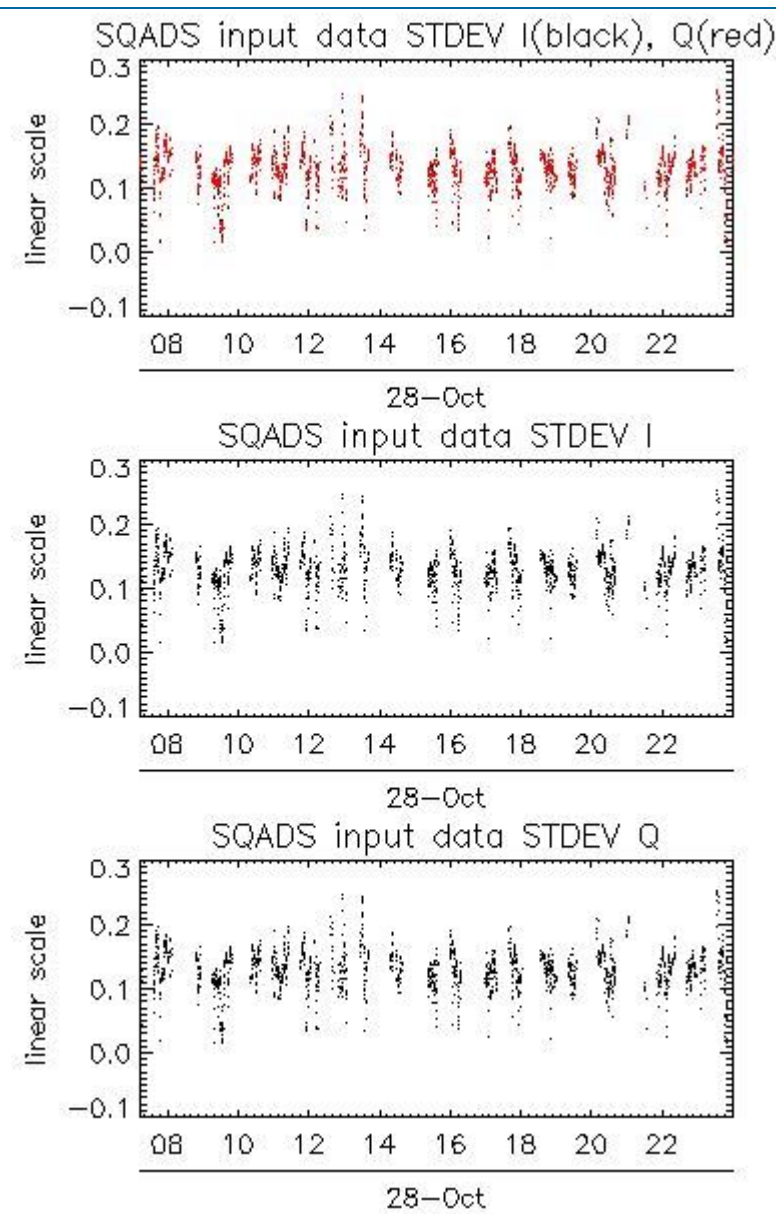
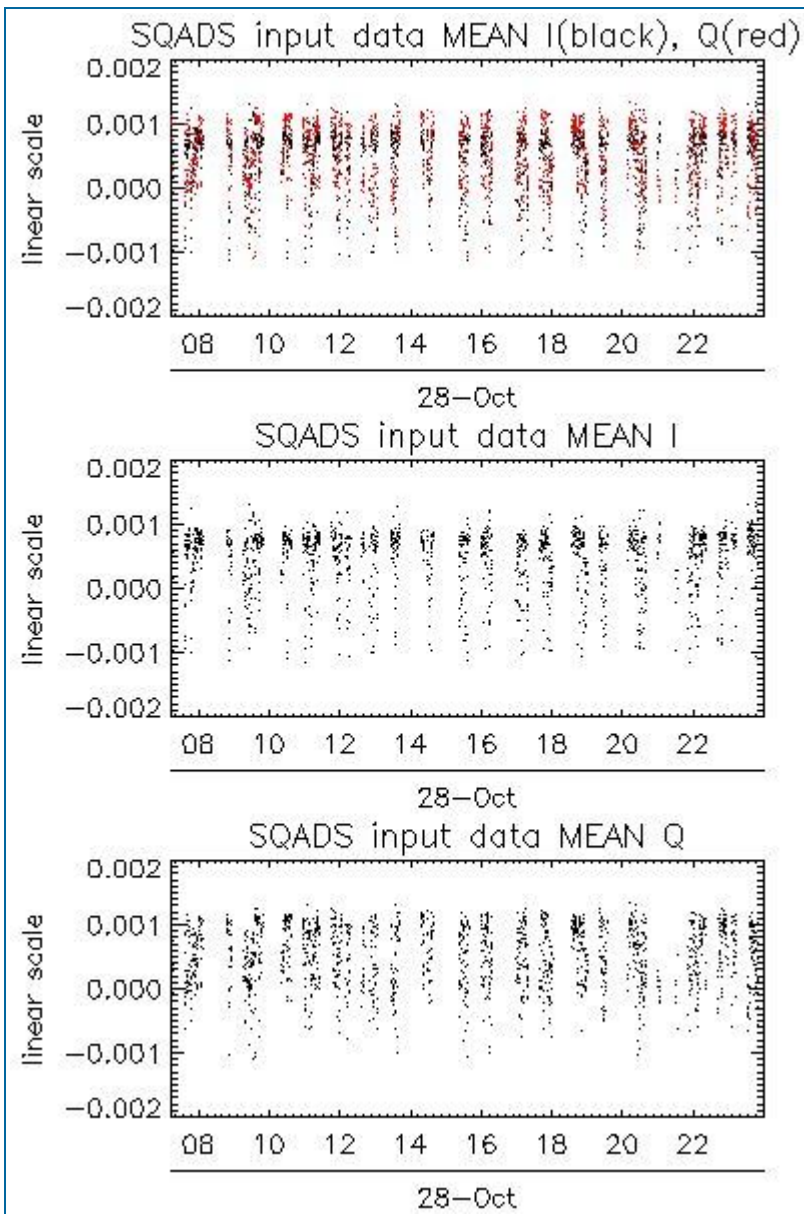


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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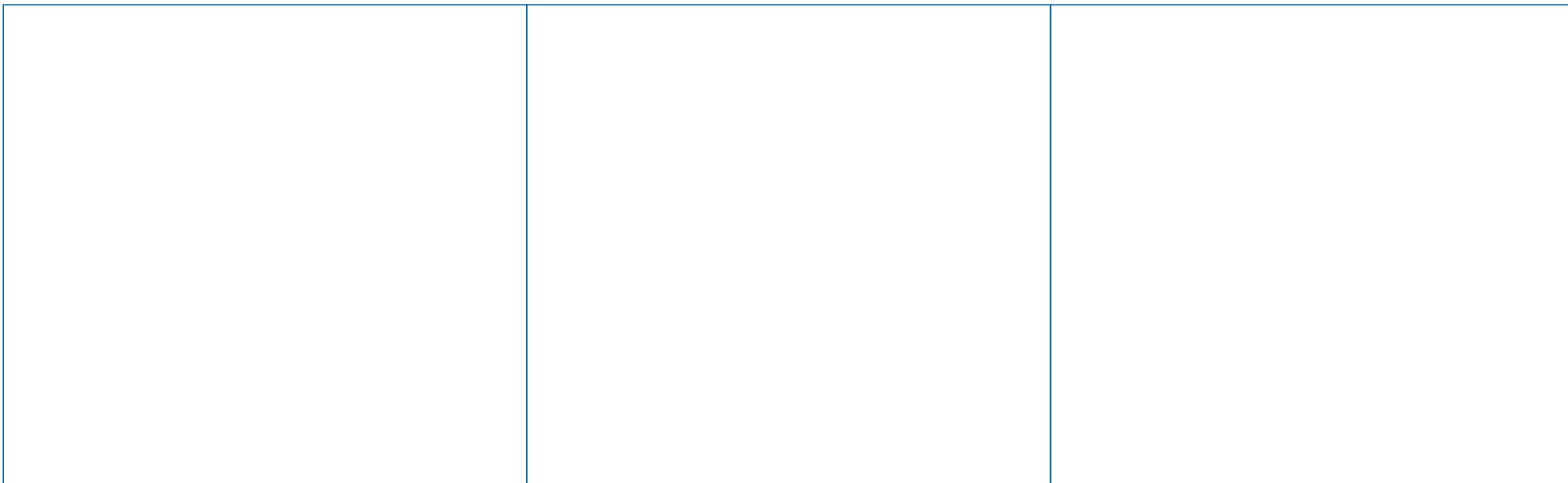
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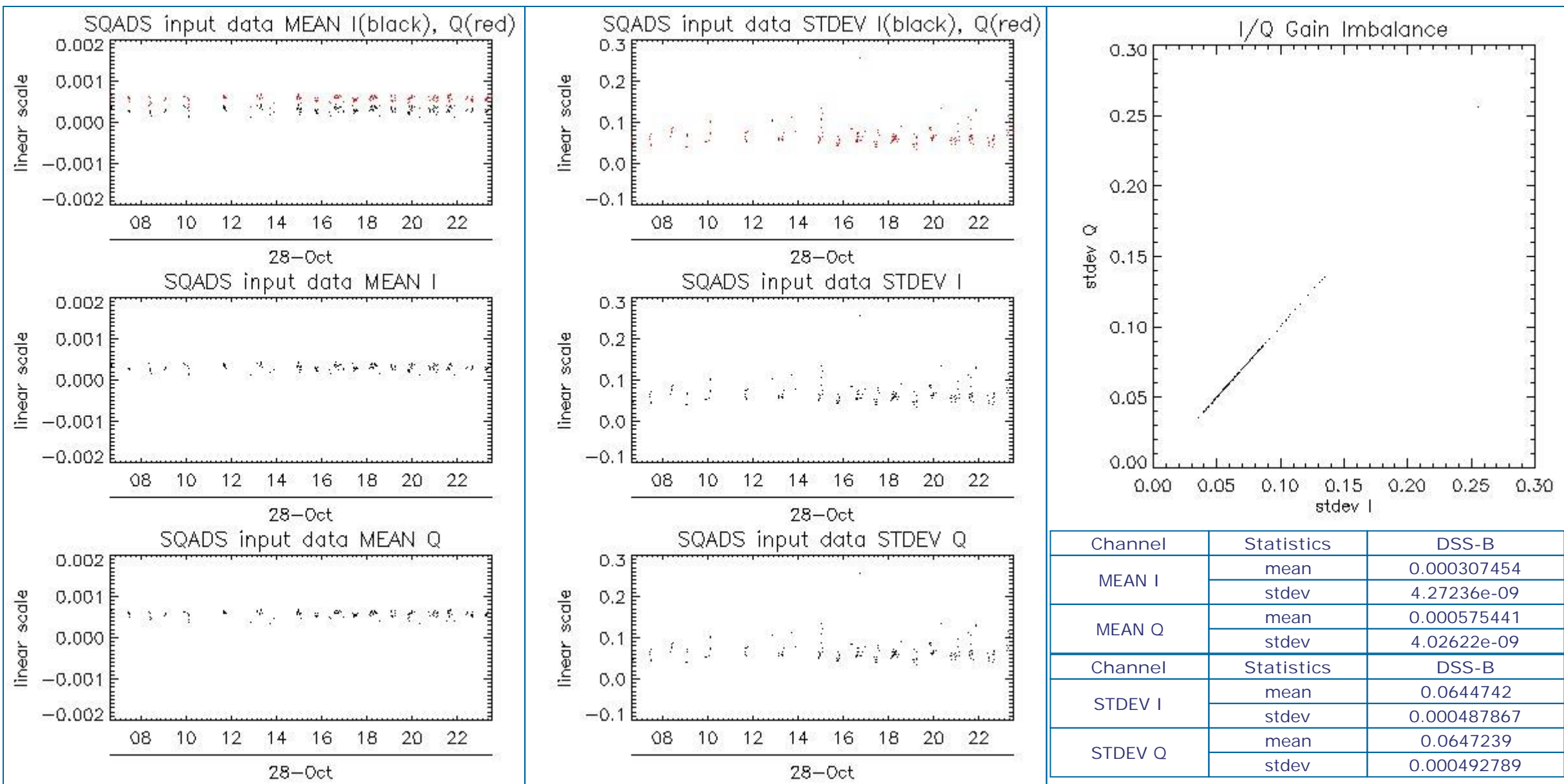


Channel	Statistics	DSS-B
MEAN I	mean	0.000471683
	stdev	2.39169e-07
MEAN Q	mean	0.000530278
	stdev	2.30001e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.129878
	stdev	0.00107609
STDEV Q	mean	0.130205
	stdev	0.00108828

7.2 - Analysis for IMM

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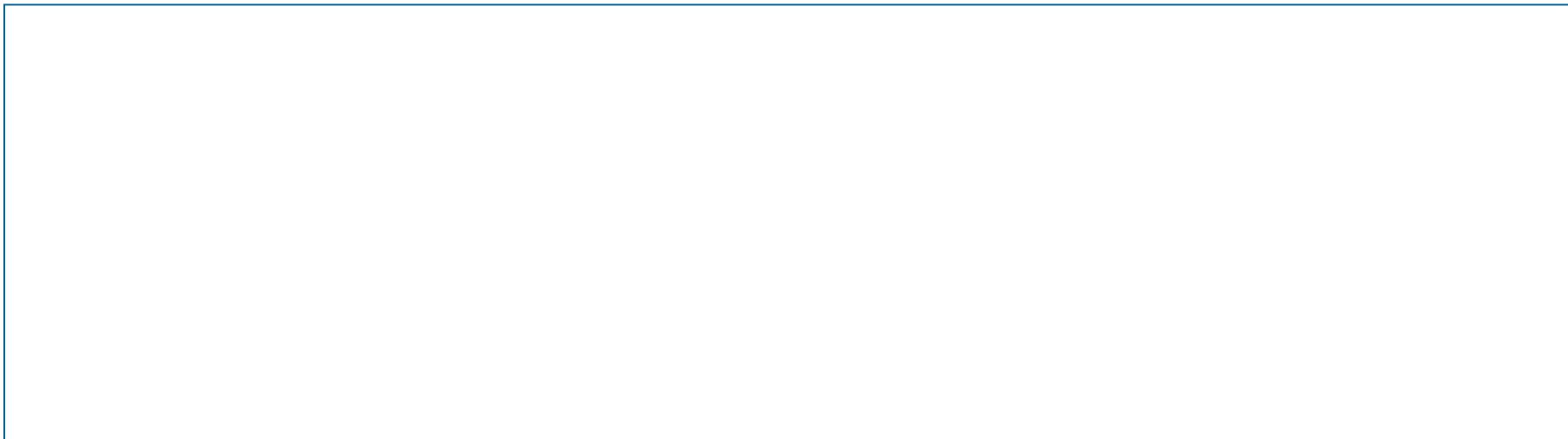


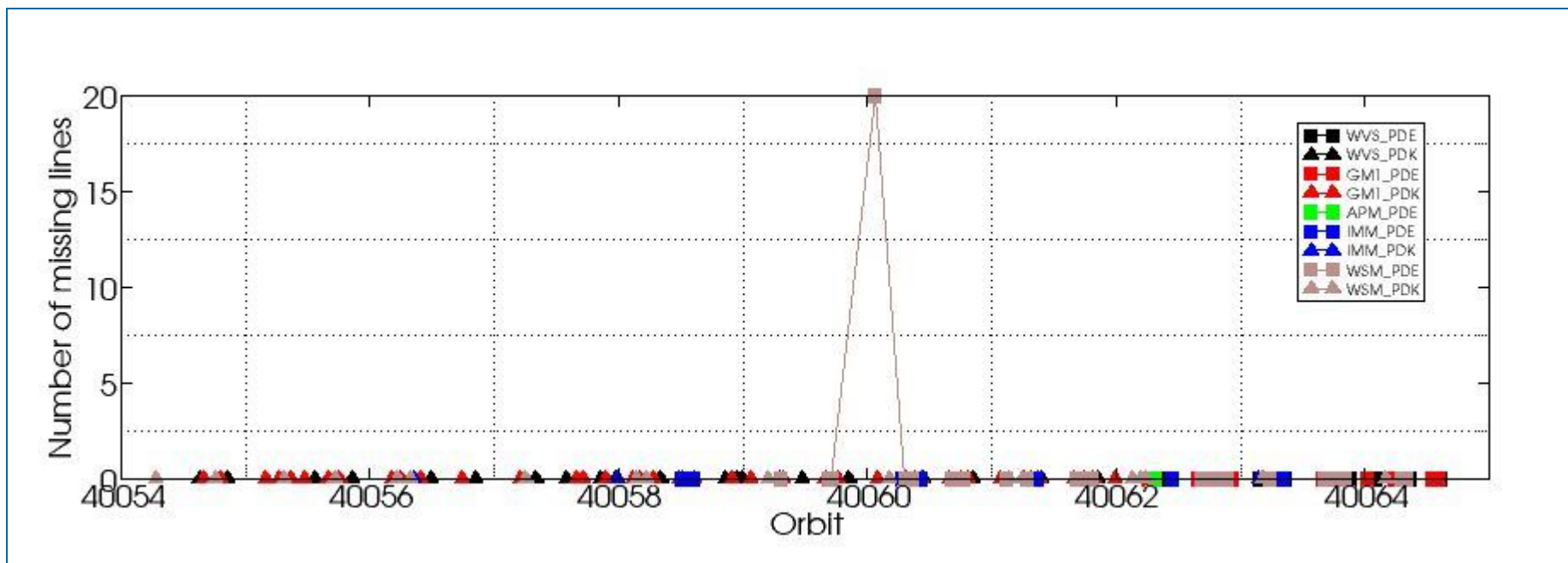
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20091028_162022_00000972083_00427_40060_2624.N1	0	20

8.1 - Number of Missing lines

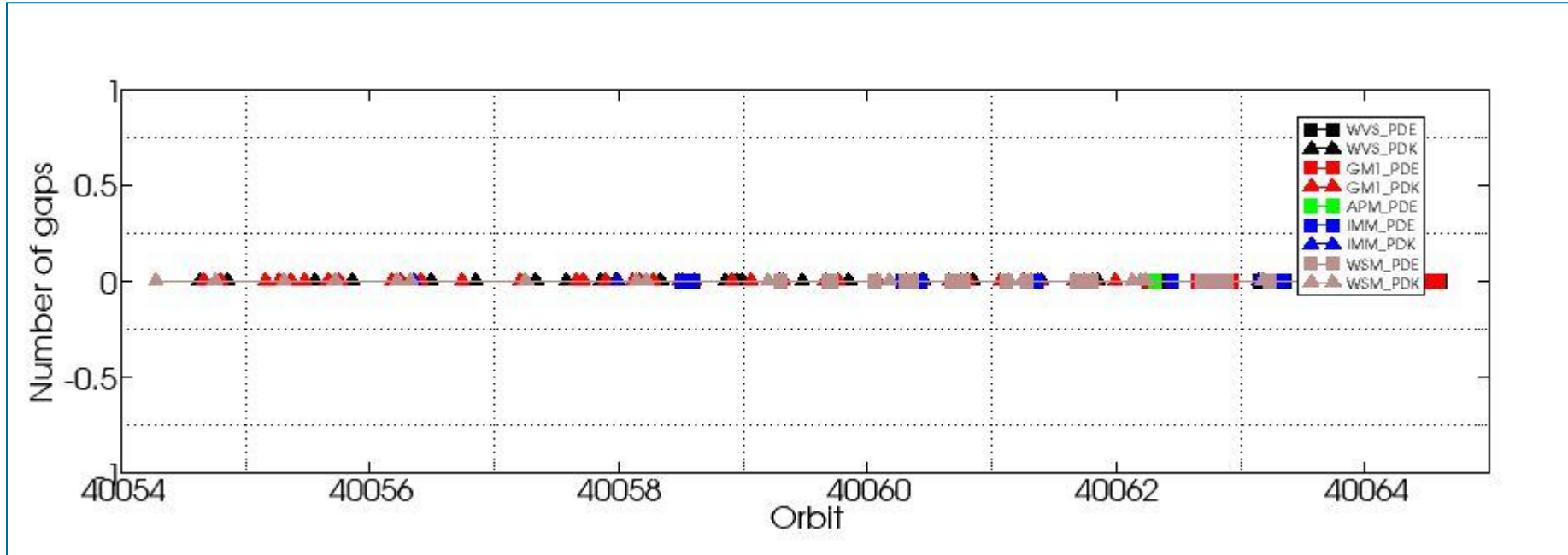
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 091028
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091028/

DATA SUMMARY

Summary will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091028/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/091028/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/091028/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091028/AUXILIARY

Creating directory ./RESULTS/DAILY/091028/AUXILIARY...

Looking for the IECF operational ADFs list...

ADF filter 20091028*current_3_IECF_ADFs.txt
Found list 20091028_030002_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

Writing file ./RESULTS/DAILY/091028/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/091028/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20091028_200917_000006142083_00429_40062_2697.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_202104_000011842083_00429_40062_2702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_210033_000001652083_00429_40062_2738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_213112_000000752083_00430_40063_2748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_214930_000000452083_00430_40063_2745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_215235_000017392083_00430_40063_2755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_224148_000002102083_00430_40063_2758.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_224433_000007792083_00430_40063_2826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_230528_000004502083_00431_40064_2834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_233221_000011092083_00431_40064_2831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20091028_235809_000002402083_00431_40064_2842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_071333_000001502083_00421_40054_6271.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_073555_000018592083_00421_40054_6276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_084725_000005552083_00422_40055_6316.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_091631_000019342083_00422_40055_6325.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_102124_000009592083_00423_40056_6368.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_105706_000017242083_00423_40056_6375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_114611_000010342083_00424_40057_6402.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_121019_000004502083_00424_40057_6407.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_123742_000002402083_00424_40057_6415.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_125019_000000442083_00424_40057_6412.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_125253_000006742083_00424_40057_6424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_132658_000008392083_00425_40058_6460.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_141818_000003002083_00425_40058_6470.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_142822_000002392083_00425_40058_6467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_143342_000002692083_00425_40058_6475.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_152140_000010492083_00426_40059_6511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_155854_000011992083_00426_40059_6518.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_165941_000011992083_00427_40060_6557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_173930_000013042083_00427_40060_6564.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_183420_000015592083_00428_40061_6610.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20091028_192006_000008092083_00428_40061_6613.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20091028_200110_000003142083_00429_40062_2692.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_200728_000001082083_00429_40062_2694.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_204139_000001262083_00429_40062_2699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_204724_000004042083_00429_40062_2704.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_210837_000010802083_00429_40062_2762.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_214433_000002952083_00430_40063_2752.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_222215_00000902083_00430_40063_2750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_GM1_1PNPDE20091028_222746_000004892083_00430_40063_2760.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_225818_000003322083_00431_40064_2823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_232010_000003862083_00431_40064_2836.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_235131_000003082083_00431_40064_2828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20091028_235644_000000842083_00431_40064_2844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_071652_000000842083_00421_40054_6268.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_073111_000002832083_00421_40054_6273.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_080743_000007002083_00422_40055_6278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_081807_000002592083_00422_40055_6307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_082704_000001022083_00422_40055_6309.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_083824_000005372083_00422_40055_6311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_085728_000003262083_00422_40055_6313.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_090652_000005732083_00422_40055_6318.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_094924_000002772083_00423_40056_6320.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_095638_000000902083_00423_40056_6322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_095649_000000902083_00423_40056_6363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_101253_000005072083_00423_40056_6365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_104555_000006702083_00423_40056_6370.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_113308_000002772083_00424_40057_6372.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_121840_000000962083_00424_40057_6404.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_122411_000008092083_00424_40057_6409.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_124229_000004712083_00424_40057_6417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_130445_000001382083_00425_40058_6419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_131021_000002832083_00425_40058_6421.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_132045_000003682083_00425_40058_6455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_134135_000001202083_00425_40058_6453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_134426_000005012083_00425_40058_6457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_135336_000014792083_00425_40058_6479.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_142408_000002532083_00425_40058_6472.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_144017_000008032083_00426_40059_6477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_150556_000004162083_00426_40059_6506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_153951_000001502083_00426_40059_6508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_155025_000005072083_00426_40059_6513.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_162206_000006102083_00427_40060_6515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_164613_000002832083_00427_40060_6546.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_165212_000002892083_00427_40060_6548.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_165829_000000722083_00427_40060_6550.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_172027_000001142083_00427_40060_6554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_172906_000001812083_00427_40060_6552.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_173447_000002832083_00427_40060_6559.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_180158_000003082083_00428_40061_6561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_182140_000001022083_00428_40061_6597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_182620_000003202083_00428_40061_6599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_183241_000000962083_00428_40061_6601.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_190103_000000902083_00428_40061_6603.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_190855_000002232083_00428_40061_6605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_191651_000001932083_00428_40061_6607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20091028_193413_000007122083_00428_40061_6615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20091028_200622_000000472083_00429_40062_2711.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
--	--

Analysing IMM products...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20091028_134337_000000382083_00425_40058_2572.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
--	--

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ASA_IMM_1PNPDE20091028_135248_000000382083_00425_40058_2574.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_164228_000000522083_00427_40060_2618.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_165702_000000632083_00427_40060_2620.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_165702_000000772083_00427_40060_2634.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_183138_000000532083_00428_40061_2670.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_202011_000000482083_00429_40062_2709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20091028_215057_000000912083_00430_40063_2799.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091028_100709_000000852083_00423_40056_6352.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091028_125148_000000592083_00424_40057_6426.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091028_150307_000000512083_00426_40059_6481.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20091028_213029_000000372083_00430_40063_6648.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/091028/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20091028_150422_000000912083_00426_40059_2582.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_154229_000004702083_00426_40059_2652.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_154443_000003362083_00426_40059_2614.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_162022_000000972083_00427_40060_2624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_164429_000000972083_00427_40060_2630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_165058_000000732083_00427_40060_2616.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_172229_000003912083_00427_40060_2654.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_173208_000001522083_00427_40060_2632.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_180713_000000912083_00428_40061_2650.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_182326_000001712083_00428_40061_2686.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_190241_000002512083_00428_40061_2690.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_190241_000003672083_00428_40061_2713.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_190241_000003672083_00428_40061_2817.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_190753_000000552083_00428_40061_2682.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_191239_000001342083_00428_40061_2684.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_191239_000002512083_00428_40061_2688.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_191549_000000612083_00428_40061_2662.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_204348_000002072083_00429_40062_2764.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_204501_000001332083_00429_40062_2735.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_205411_000000732083_00429_40062_2723.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_205411_000003542083_00429_40062_2821.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_205626_000002192083_00429_40062_2785.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_210401_000002742083_00429_40062_2903.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_214000_000002502083_00430_40063_2901.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_222349_000002322083_00430_40063_2850.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_222503_000001572083_00430_40063_2819.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_223602_000001902083_00430_40063_2869.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_223602_000003482083_00430_40063_2927.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_224013_000000612083_00430_40063_2795.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_232642_000001342083_00431_40064_2956.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_232642_000002812083_00431_40064_2968.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20091028_232952_000000612083_00431_40064_2877.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_063820_000002262083_00421_40054_6266.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_072557_000003122083_00421_40054_6303.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_082229_000002692083_00422_40055_6305.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_090256_000002322083_00422_40055_6354.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_095405_000001342083_00423_40056_6356.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_100405_000001832083_00423_40056_6361.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_113750_000004892083_00424_40057_6396.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_130710_000001892083_00425_40058_6449.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_131509_000003302083_00425_40058_6451.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_145346_000005312083_00426_40059_6504.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_163219_000005502083_00427_40060_6544.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_180858_000005922083_00428_40061_6595.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_181918_000001342083_00428_40061_6593.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_194827_000003732083_00429_40062_6644.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_195451_000002502083_00429_40062_6646.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_195451_000003732083_00429_40062_6666.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WSM_1PNPDK20091028_200003_000000612083_00429_40062_6642.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_213307_000001212083_00430_40063_6664.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_213527_000003112083_00430_40063_6668.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20091028_231343_000003732083_00431_40064_6682.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/091028/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/091028/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/091028/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20050922_062651_00000152041_00034_18625_0041.N1

Test product: ASA_MS_0PNPDK20091028_071819_00000162083_00421_40054_0902.N1

H

H

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/TGH_20091028_071819-20050922_062651.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/TPH_20091028_071819-20050922_062651.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/RGH_20091028_071819-20050922_062651.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/RPH_20091028_071819-20050922_062651.png

Polarization: V

Reference product: ASA_MS_0PNPDK20050923_055514_00000152041_00048_18639_0042.N1

Test product: ASA_MS_0PNPDE20091027_042844_00000162083_00405_40038_0467.N1

V

V

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/TGV_20091027_042844-20050923_055514.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/TPV_20091027_042844-20050923_055514.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/RGV_20091027_042844-20050923_055514.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/SECOND_REFERENCE/RPV_20091027_042844-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDE20091026_050021_00000162083_00391_40024_0466.N1

Test product: ASA_MS_0PNPDK20091028_071819_00000162083_00421_40054_0902.N1

H

H

../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20091028_071819-20091026_050021.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20091028_071819-20091026_050021.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20091028_071819-20091026_050021.png

../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20091028_071819-20091026_050021.png

Polarization: V

Reference product: ASA_MS_0PNPDE20091025_053158_00000162083_00377_40010_0465.N1

Test product: ASA_MS_0PNPDE20091027_042844_00000162083_00405_40038_0467.N1

V
V

../../../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20091027_042844-20091025_053158.png
../../../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20091027_042844-20091025_053158.png
../../../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20091027_042844-20091025_053158.png
../../../../RESULTS/DAILY/091028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20091027_042844-20091025_053158.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/091028/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-28_1.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-28_2.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-28_3.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-10-28_4.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/091028//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 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-28_1.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-28_2.dat...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-28_3.dat...
Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-10-28 00:00:00 to 2009-10-28 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/091028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-10-28_4.dat...
Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/091028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/091028/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DOPPLER/Doppler_data_WVS_IS2_VV_2009-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091028/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DOPPLER/Doppler_data_GM1_SS1_HH_2009-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091028/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/DOPPLER/Doppler_Jumps_data_WSM_2009-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091028/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/091028/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59

Analysing products WVS IS2 V/V
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -41.967119 Hz
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -36.872235 Hz
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
*****
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -22.386788 Hz
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -37.404936 Hz
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/091028//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/091028/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091028/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/091028/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/091028/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/091028/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

RAW DATA ANALYSIS

Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091028/RAW_DATA

Creating directory ./RESULTS/DAILY/091028/RAW_DATA...

Getting raw data for WVS from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/RAW_DATA/Raw_data_WVS_2009-10-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-10-28 00:00:00 to 2009-10-28 23:59:59...
Writing file ./RESULTS/DAILY/091028/RAW_DATA/Raw_data_IMM_2009-10-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/091028/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

Analysis will be performed from 2009-10-28 00:00:00 to 2009-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/091028/TELEMETRY

Creating directory ./RESULTS/DAILY/091028/TELEMETRY...

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

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

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

Checking 12 products from PDE...
Checking 43 products from PDK...

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

Checking 1 products from PDE...
No products from PDK...

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

Checking 8 products from PDE...
Checking 4 products from PDK...

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

Checking 32 products from PDE...
Found product...ASA_WSM_1PNPDE20091028_162022_00000972083_00427_40060_2624.N1 / 0 gaps / 20 missing lines
Checking 20 products from PDK...



Creating graph of missing lines and gaps...

 Creating image: ./RESULTS/DAILY/091028/TELEMETRY/TELEMETRY_Missing_lines.png...
 Creating image: ./RESULTS/DAILY/091028/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
 #####

BROWSE PRODUCTS ANALYSIS
 #####
 Analysis will be performed on 2009-10-28

 Scanning directory /nfs-store/ASAR_Data//ASA_GM_BP...
 Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_GM_BP/JPG/20091028/

Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_071652_00000842083_00421_40054_6269.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_073111_000002832083_00421_40054_6274.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_080743_000007002083_00422_40055_6279.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_081807_000002592083_00422_40055_6308.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_082704_000001022083_00422_40055_6310.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_083824_000005372083_00422_40055_6312.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_085728_000003262083_00422_40055_6314.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_090652_000005732083_00422_40055_6319.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_094924_000002772083_00423_40056_6321.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_095638_00000902083_00423_40056_6323.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_095649_00000902083_00423_40056_6364.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_101253_000005072083_00423_40056_6366.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_104555_000006702083_00423_40056_6371.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_113308_000002772083_00424_40057_6373.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_121840_00000962083_00424_40057_6405.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_122411_000008092083_00424_40057_6410.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_124229_000004712083_00424_40057_6418.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_130445_000001382083_00425_40058_6420.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_131021_000002832083_00425_40058_6422.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_132045_000003682083_00425_40058_6456.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_134135_000001202083_00425_40058_6454.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_134426_000005012083_00425_40058_6458.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_135336_000014792083_00425_40058_6480.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_142408_000002532083_00425_40058_6473.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_144017_000008032083_00426_40059_6478.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_150556_000004162083_00426_40059_6507.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_153951_000001502083_00426_40059_6509.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_155025_000005072083_00426_40059_6514.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_162206_000006102083_00427_40060_6516.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_164613_000002832083_00427_40060_6547.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_165212_000002892083_00427_40060_6549.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_165829_00000722083_00427_40060_6551.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_172027_000001142083_00427_40060_6555.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_172906_000001812083_00427_40060_6553.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_173447_000002832083_00427_40060_6560.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_180158_000003082083_00428_40061_6562.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_182140_000001022083_00428_40061_6598.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_182620_000003202083_00428_40061_6600.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_183241_00000962083_00428_40061_6602.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_190103_00000902083_00428_40061_6604.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_190855_000002232083_00428_40061_6606.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_191651_000001932083_00428_40061_6608.N1 ...
 Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20091028_193413_000007122083_00428_40061_6616.N1 ...

ANALYSIS COMPLETED: 43 GM browse products to see...

Scanning directory /nfs-store/ASAR_Data//ASA_AP_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_AP_BP/JPG/20091028/

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

Scanning directory /nfs-store/ASAR_Data//ASA_IM_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_IM_BP/JPG/20091028/

Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20091028_100709_000000852083_00423_40056_6353.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20091028_125148_000000592083_00424_40057_6427.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20091028_150307_000000512083_00426_40059_6482.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20091028_213029_000000372083_00430_40063_6649.N1 ...

ANALYSIS COMPLETED: 4 IM browse products to see...

Scanning directory /nfs-store/ASAR_Data//ASA_WS_BP...
Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_WS_BP/JPG/20091028/

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

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/091028/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_1PNPDE20091028_200622_000000472083_00429_40062_2711.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_1PNPDE20091028_200110_000003142083_00429_40062_2692.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_200728_000001082083_00429_40062_2694.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_204139_000001262083_00429_40062_2699.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_204724_000004042083_00429_40062_2704.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_210837_000010802083_00429_40062_2762.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_214433_000002952083_00430_40063_2752.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_222215_000000902083_00430_40063_2750.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_222746_000004892083_00430_40063_2760.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_225818_000003322083_00431_40064_2823.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_232010_000003862083_00431_40064_2836.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_235131_000003082083_00431_40064_2828.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20091028_235644_000000842083_00431_40064_2844.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_071652_000000842083_00421_40054_6268.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_073111_000002832083_00421_40054_6273.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_080743_000007002083_00422_40055_6278.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_081807_000002592083_00422_40055_6307.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_082704_000001022083_00422_40055_6309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_083824_000005372083_00422_40055_6311.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_085728_000003262083_00422_40055_6313.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_090652_000005732083_00422_40055_6318.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_094924_000002772083_00423_40056_6320.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_095638_000000902083_00423_40056_6322.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_095649_000000902083_00423_40056_6363.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_101253_000005072083_00423_40056_6365.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_104555_000006702083_00423_40056_6370.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_113308_000002772083_00424_40057_6372.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_121840_000000962083_00424_40057_6404.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_122411_000008092083_00424_40057_6409.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_124229_000004712083_00424_40057_6417.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_130445_000001382083_00425_40058_6419.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_131021_000002832083_00425_40058_6421.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_132045_000003682083_00425_40058_6455.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_134135_000001202083_00425_40058_6453.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_134426_000005012083_00425_40058_6457.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_135336_000014792083_00425_40058_6479.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_142408_000002532083_00425_40058_6472.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_144017_000008032083_00426_40059_6477.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_150556_000004162083_00426_40059_6506.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_153951_000001502083_00426_40059_6508.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_155025_000005072083_00426_40059_6513.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_162206_000006102083_00427_40060_6515.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_164613_000002832083_00427_40060_6546.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_165212_000002892083_00427_40060_6548.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_165829_000000722083_00427_40060_6550.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_172027_000001142083_00427_40060_6554.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_172906_000001812083_00427_40060_6552.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20091028_180158_000003082083_00428_40061_6561.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_182140_000001022083_00428_40061_6597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_182620_000003202083_00428_40061_6599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_183241_000000962083_00428_40061_6601.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_190103_000000902083_00428_40061_6603.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_190855_000002232083_00428_40061_6605.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_191651_000001932083_00428_40061_6607.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20091028_193413_000007122083_00428_40061_6615.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_1PNPDE20091028_134337_000000382083_00425_40058_2572.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_135248_000000382083_00425_40058_2574.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_164228_000000522083_00427_40060_2618.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_165702_000000632083_00427_40060_2620.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_165702_000000772083_00427_40060_2634.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_183138_000000532083_00428_40061_2670.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_202011_000000482083_00429_40062_2709.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20091028_215057_000000912083_00430_40063_2799.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20091028_100709_000000852083_00423_40056_6352.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20091028_125148_000000592083_00424_40057_6426.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20091028_150307_000000512083_00426_40059_6481.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20091028_213029_000000372083_00430_40063_6648.N1	OK	OK	OK	OK

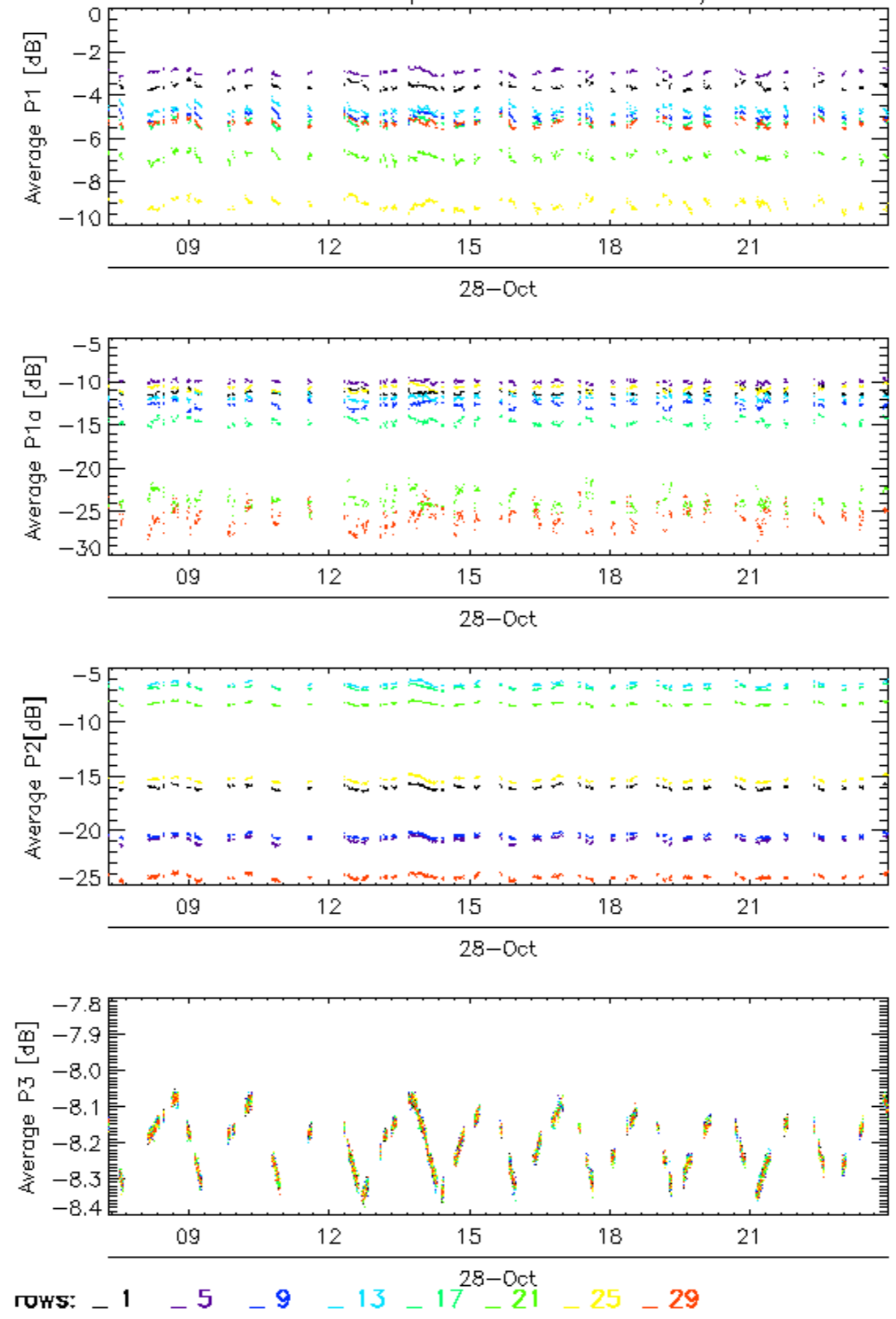
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20091028_150422_000000912083_00426_40059_2582.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_154229_000004702083_00426_40059_2652.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_154443_000003362083_00426_40059_2614.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_162022_000000972083_00427_40060_2624.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_164429_000000972083_00427_40060_2630.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_165058_000000732083_00427_40060_2616.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_172229_000003912083_00427_40060_2654.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_173208_000001522083_00427_40060_2632.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_180713_000000912083_00428_40061_2650.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_182326_000001712083_00428_40061_2686.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_190241_000002512083_00428_40061_2690.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_190241_000003672083_00428_40061_2713.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_190241_000003672083_00428_40061_2817.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_190753_000000552083_00428_40061_2682.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_191239_000001342083_00428_40061_2684.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_191239_000002512083_00428_40061_2688.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_191549_000000612083_00428_40061_2662.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_204348_000002072083_00429_40062_2764.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_204501_000001332083_00429_40062_2735.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_205411_000000732083_00429_40062_2723.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_205411_000003542083_00429_40062_2821.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_205626_000002192083_00429_40062_2785.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_210401_000002742083_00429_40062_2903.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_214000_000002502083_00430_40063_2901.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_222349_000002322083_00430_40063_2850.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_222503_000001572083_00430_40063_2819.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_223602_000001902083_00430_40063_2869.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_223602_000003482083_00430_40063_2927.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_224013_000000612083_00430_40063_2795.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_232642_000001342083_00431_40064_2956.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_232642_000002812083_00431_40064_2968.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20091028_232952_000000612083_00431_40064_2877.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_063820_000002262083_00421_40054_6266.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20091028_082229_000002692083_00422_40055_6305.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_090256_000002322083_00422_40055_6354.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_095405_000001342083_00423_40056_6356.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_100405_000001832083_00423_40056_6361.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_113750_000004892083_00424_40057_6396.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_130710_000001892083_00425_40058_6449.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_131509_000003302083_00425_40058_6451.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_145346_000005312083_00426_40059_6504.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_163219_000005502083_00427_40060_6544.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_180858_000005922083_00428_40061_6595.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_181918_000001342083_00428_40061_6593.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_194827_000003732083_00429_40062_6644.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_195451_000002502083_00429_40062_6646.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_195451_000003732083_00429_40062_6666.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_200003_000000612083_00429_40062_6642.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_213307_000001212083_00430_40063_6664.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_213527_000003112083_00430_40063_6668.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20091028_231343_000003732083_00431_40064_6682.N1					OK	OK	OK	OK

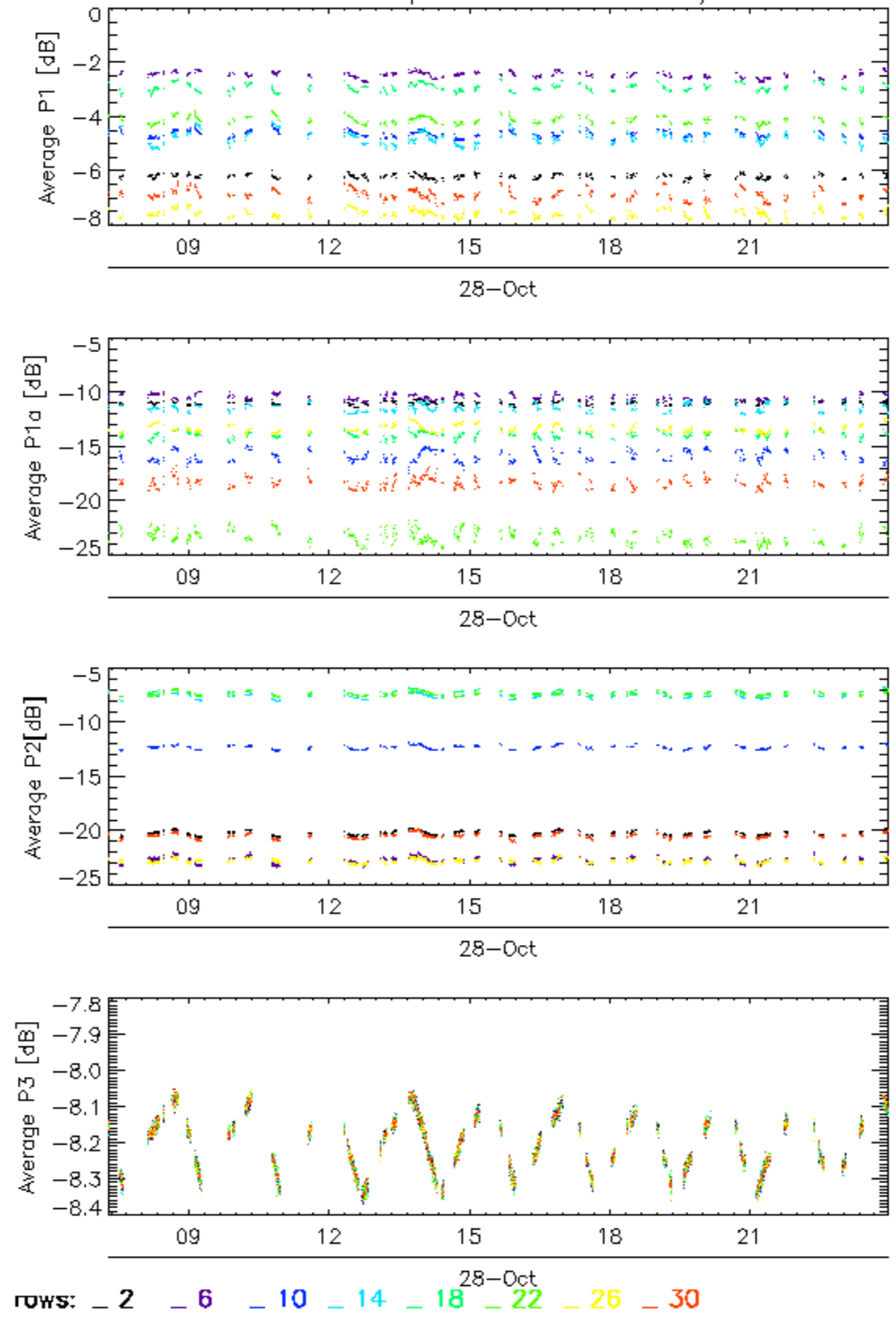
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20091028_200917_000006142083_00429_40062_2697.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_202104_000011842083_00429_40062_2702.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_210033_000001652083_00429_40062_2738.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_213112_000000752083_00430_40063_2748.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_214930_000000452083_00430_40063_2745.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_215235_000017392083_00430_40063_2755.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_224148_000002102083_00430_40063_2758.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_224433_000007792083_00430_40063_2826.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_230528_000004502083_00431_40064_2834.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_233221_000011092083_00431_40064_2831.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20091028_235809_000002402083_00431_40064_2842.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_071333_000001502083_00421_40054_6271.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_073555_000018592083_00421_40054_6276.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_084725_000005552083_00422_40055_6316.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_091631_000019342083_00422_40055_6325.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_102124_000009592083_00423_40056_6368.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_105706_000017242083_00423_40056_6375.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_114611_000010342083_00424_40057_6402.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_121019_000004502083_00424_40057_6407.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_123742_000002402083_00424_40057_6415.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_125019_000000442083_00424_40057_6412.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_125253_000006742083_00424_40057_6424.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_132658_000008392083_00425_40058_6460.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_141818_000003002083_00425_40058_6470.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_142822_000002392083_00425_40058_6467.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_143342_000002692083_00425_40058_6475.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_152140_000010492083_00426_40059_6511.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_155854_000011992083_00426_40059_6518.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_165941_000011992083_00427_40060_6557.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_173930_000013042083_00427_40060_6564.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_183420_000015592083_00428_40061_6610.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20091028_192006_000008092083_00428_40061_6613.N1					OK	OK	OK	OK

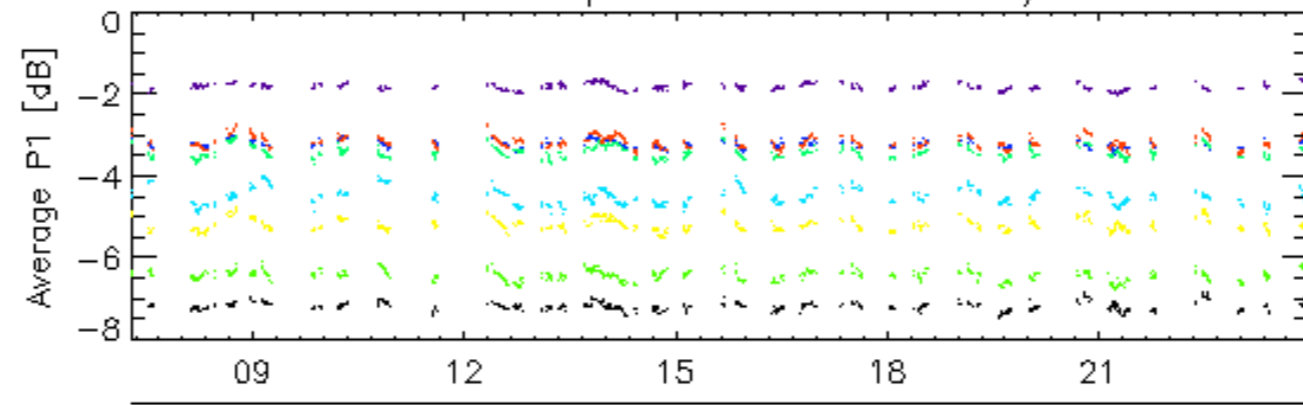
Calibration pulses for GM1 SS3 H/H



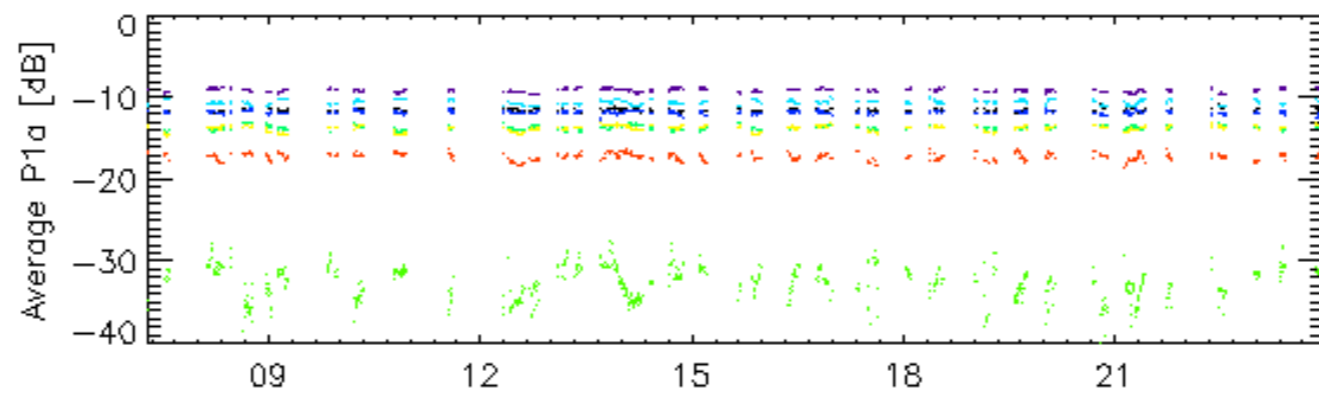
Calibration pulses for GM1 SS3 H/H



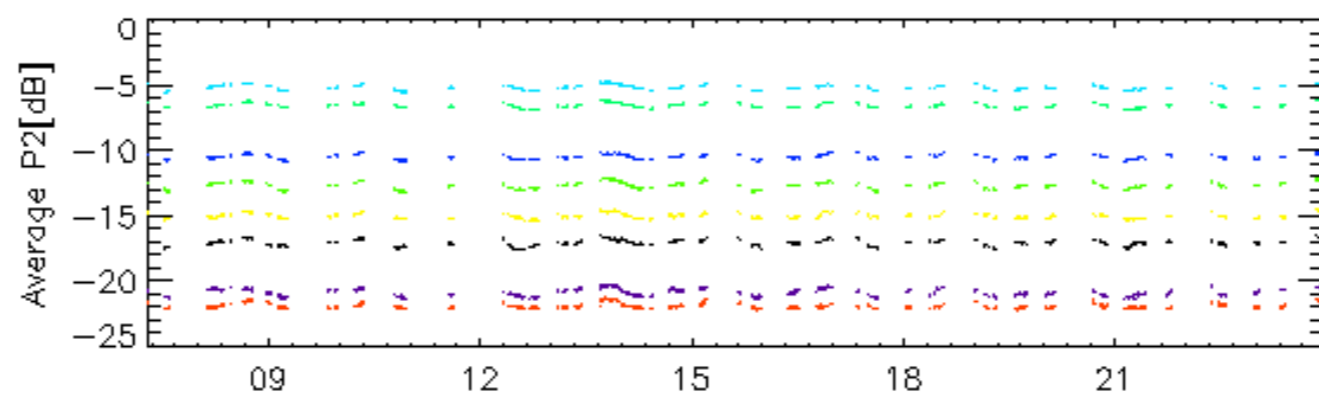
Calibration pulses for GM1 SS3 H/H



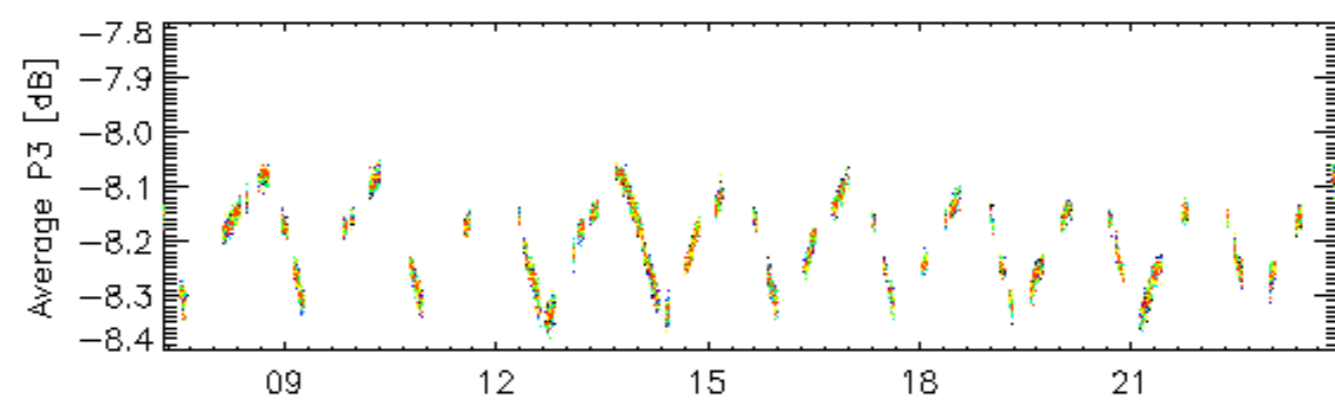
28-Oct



28-Oct



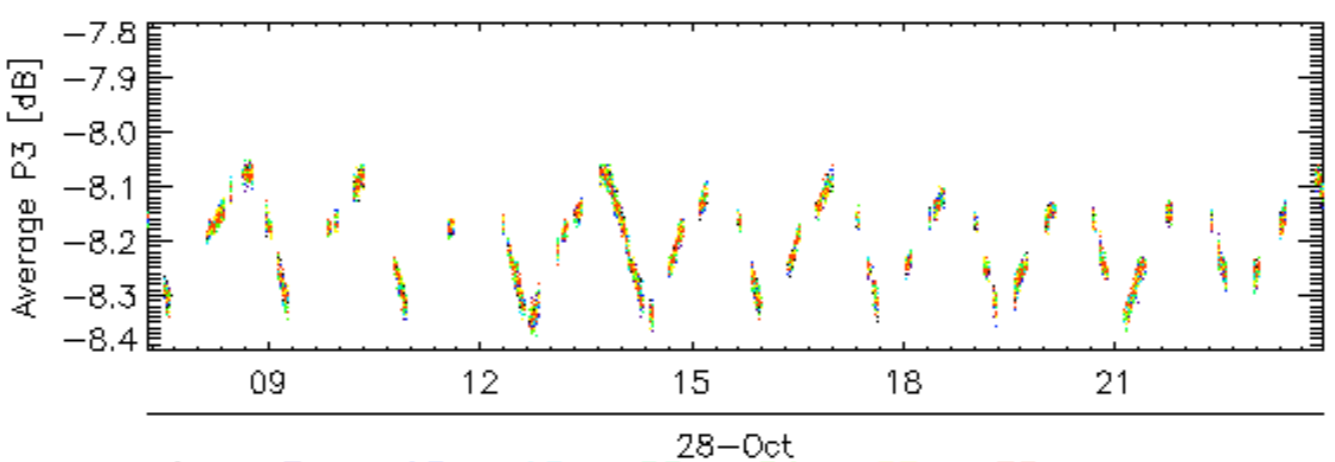
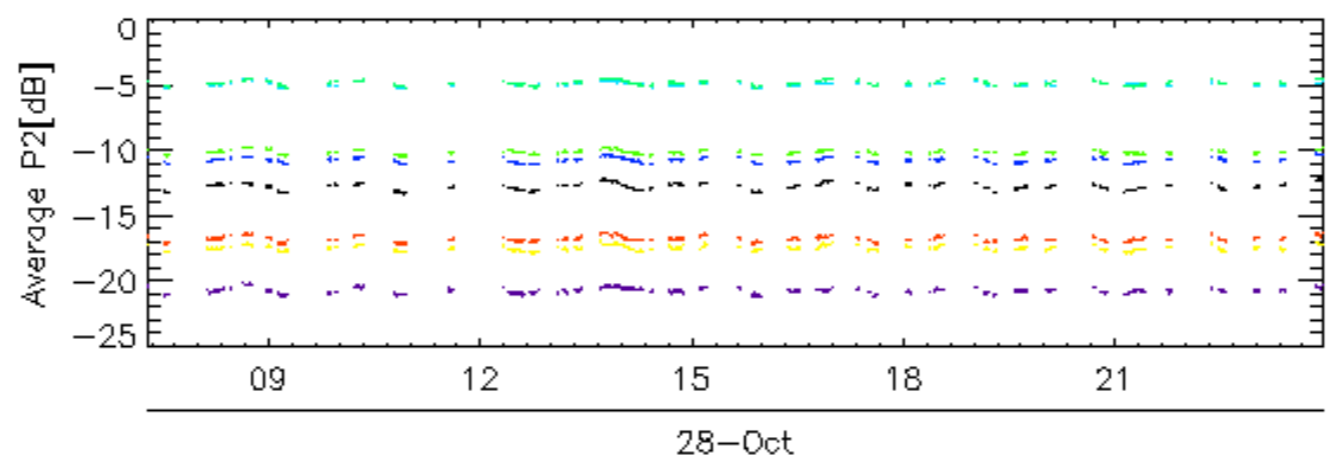
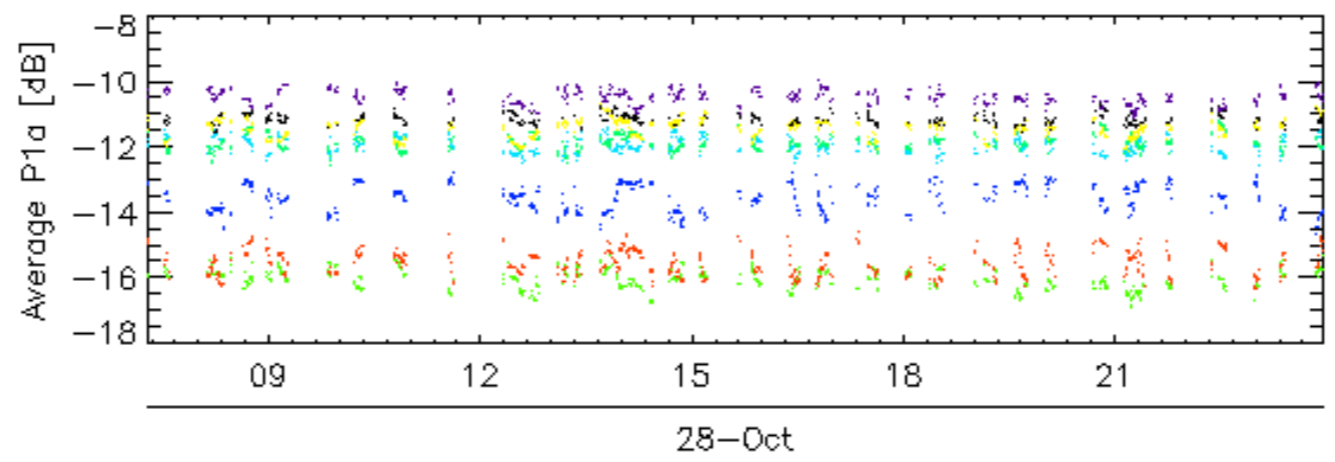
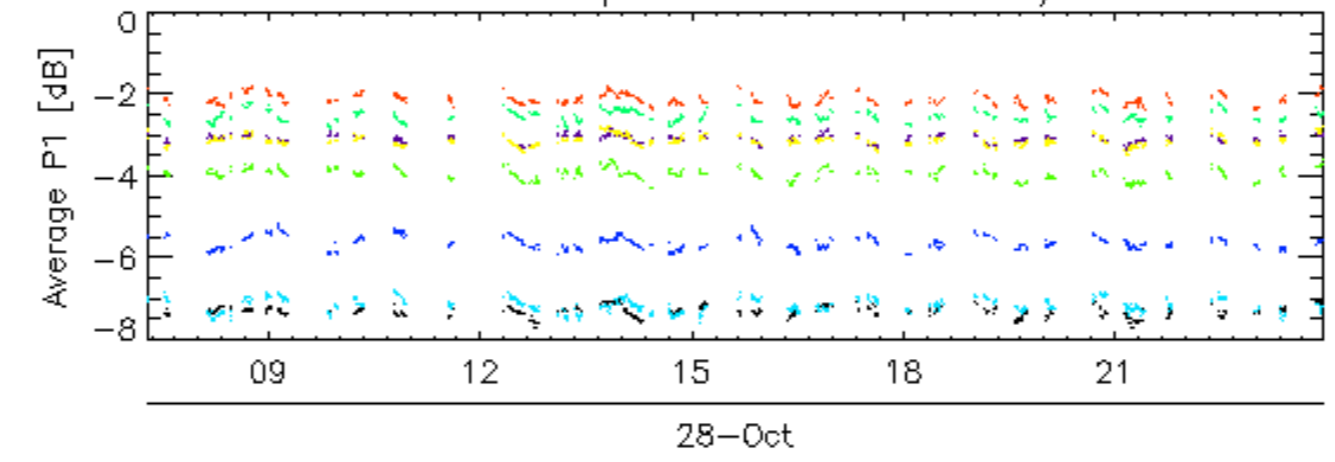
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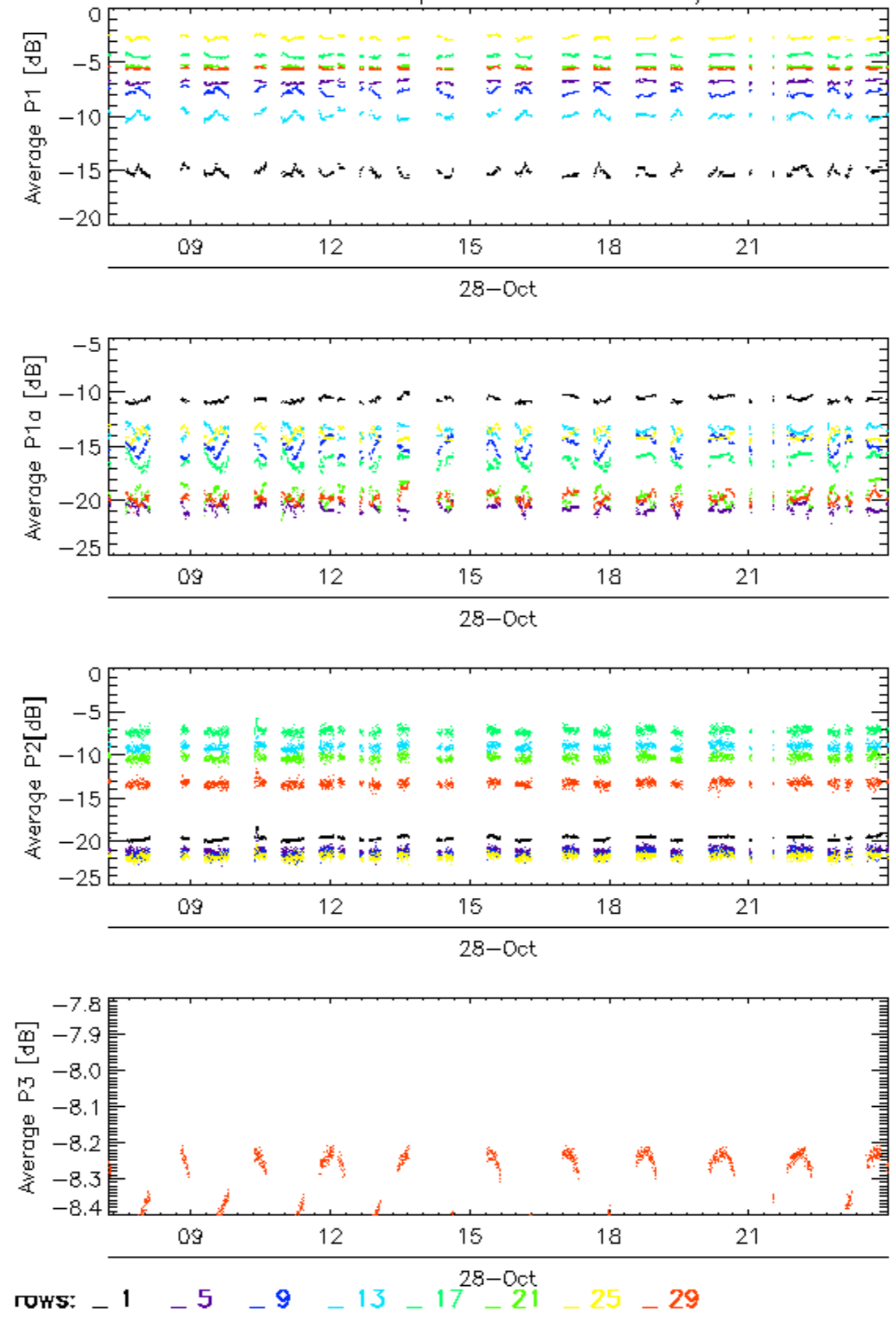
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Calibration pulses for GM1 SS3 H/H

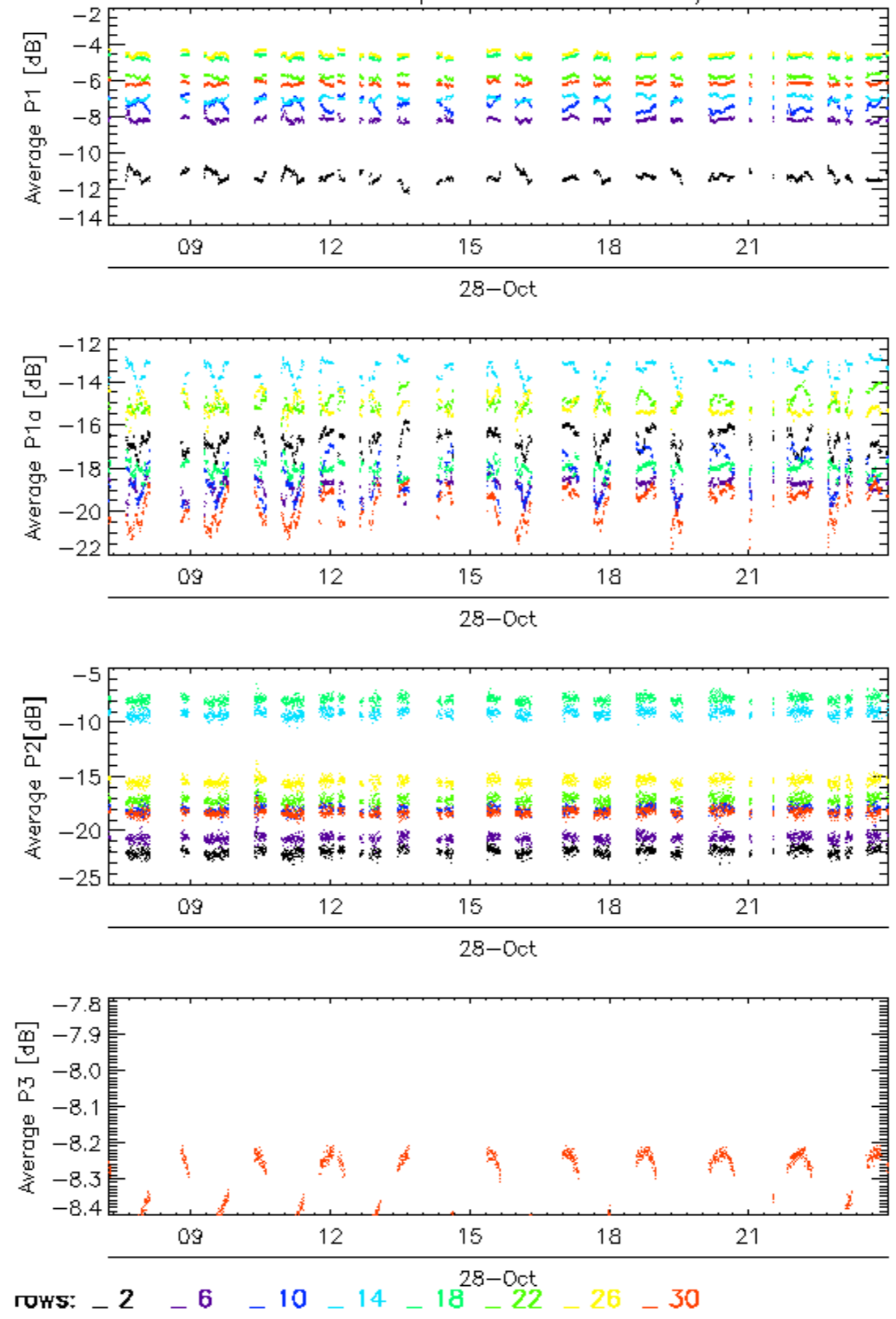


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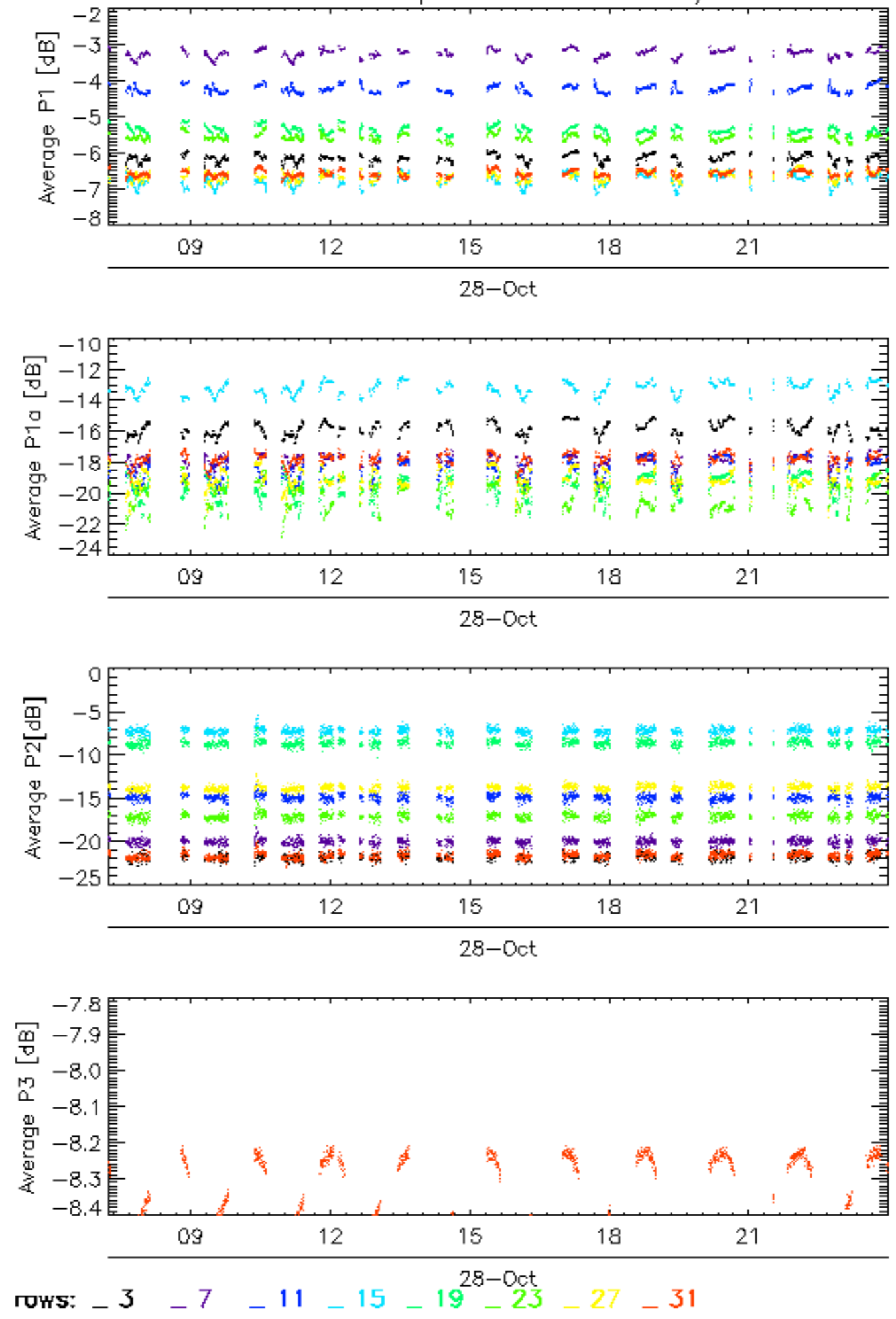
Calibration pulses for WVS IS2 V/V



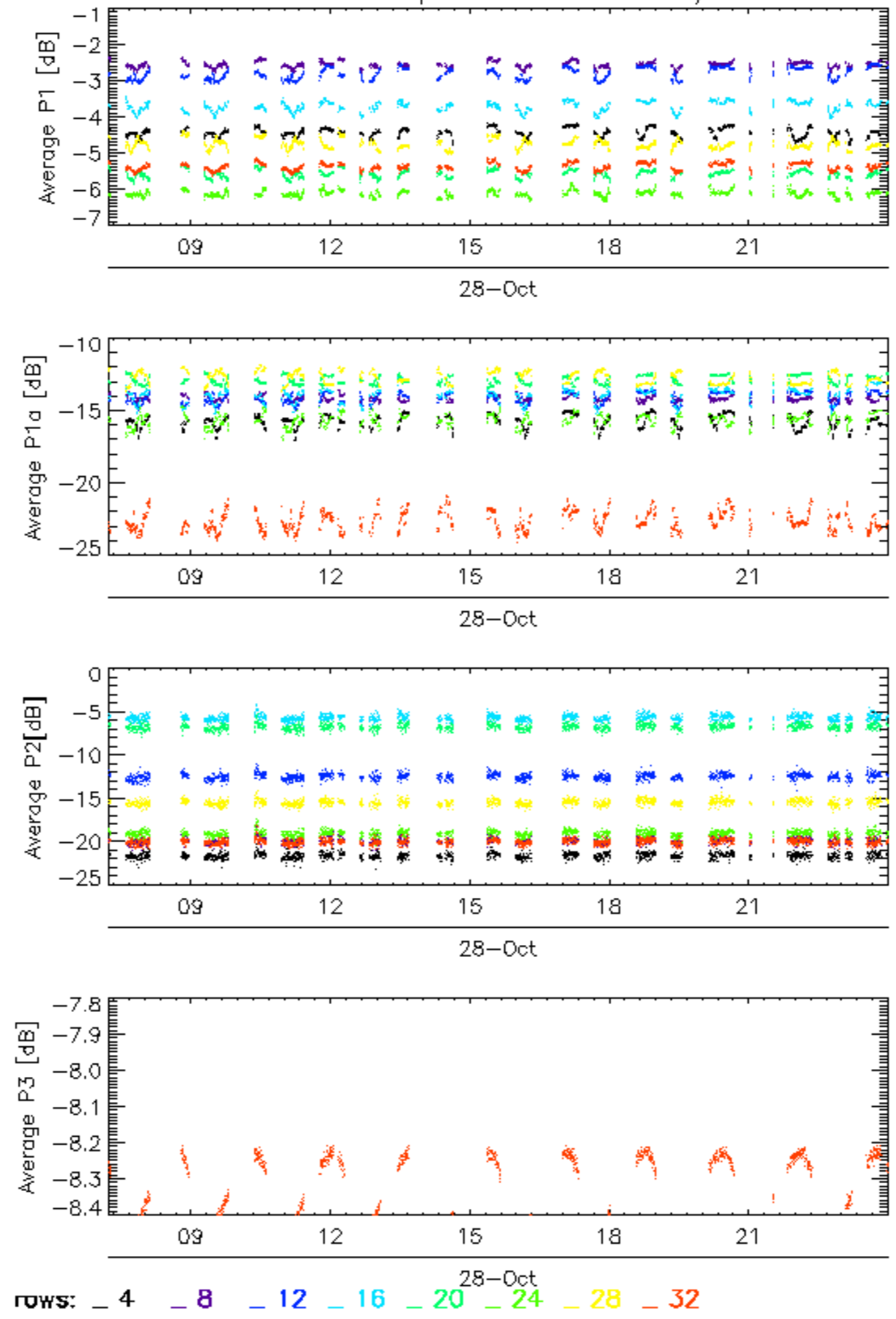
Calibration pulses for WVS IS2 V/V

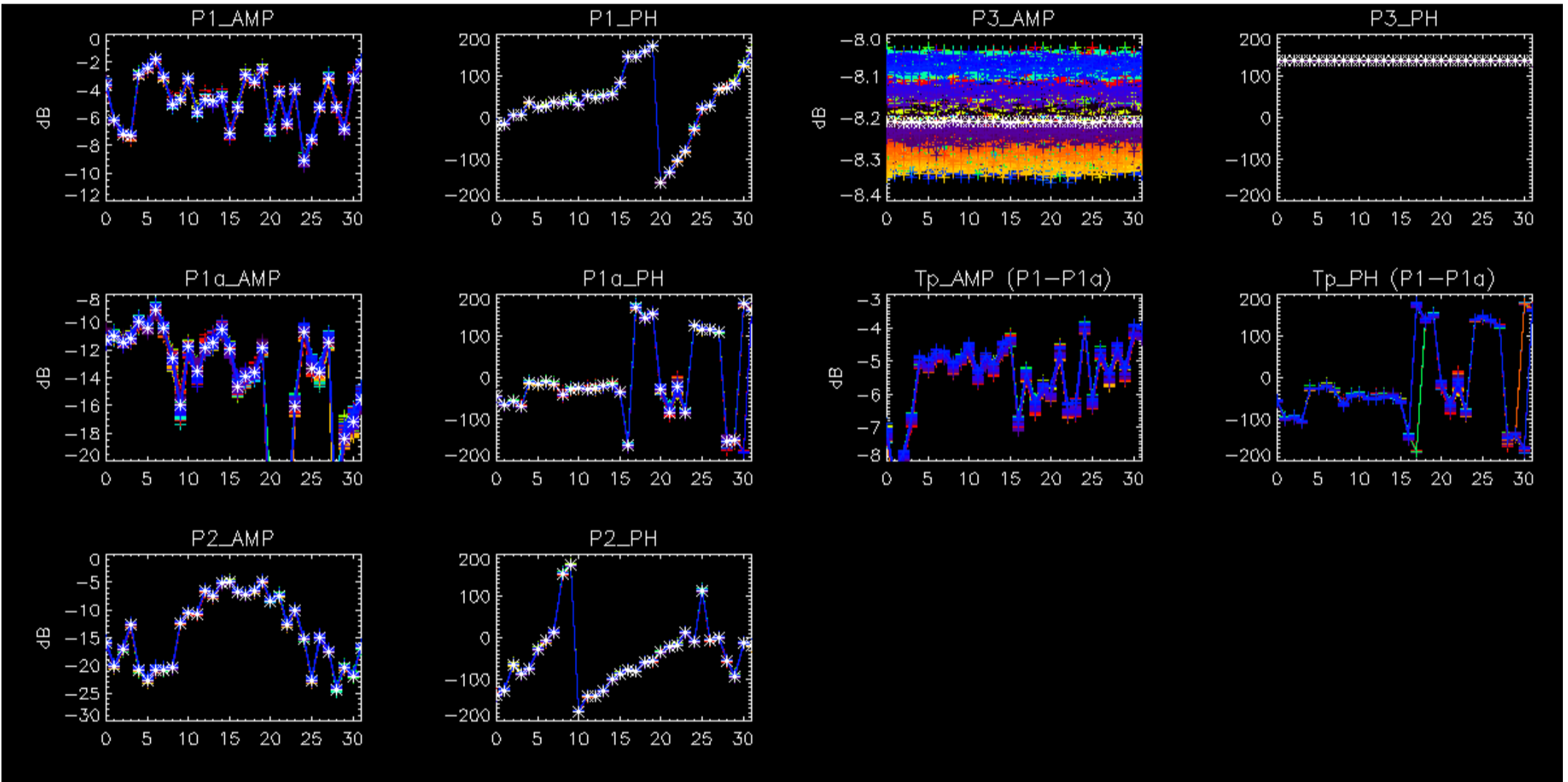


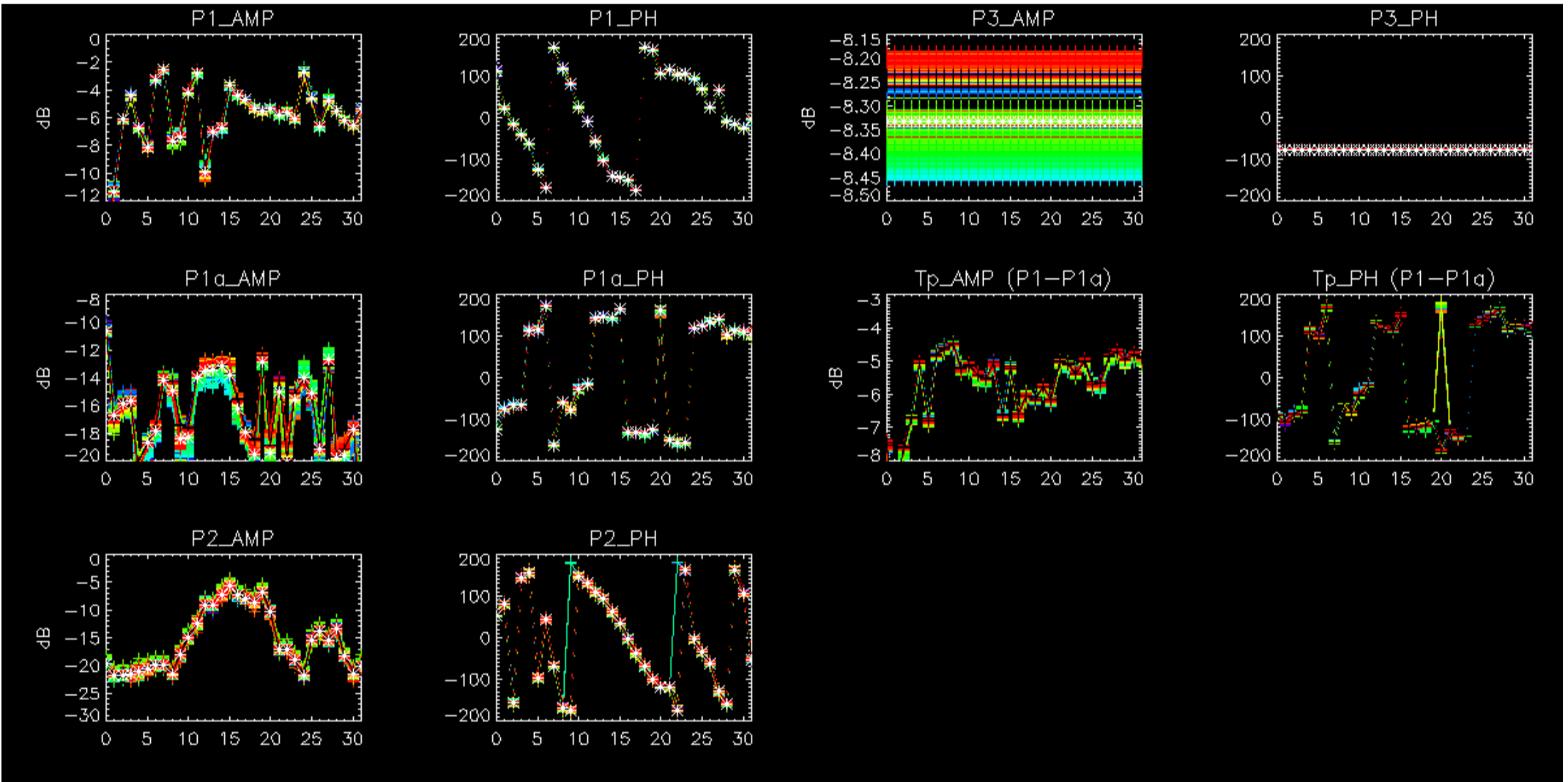
Calibration pulses for WVS IS2 V/V

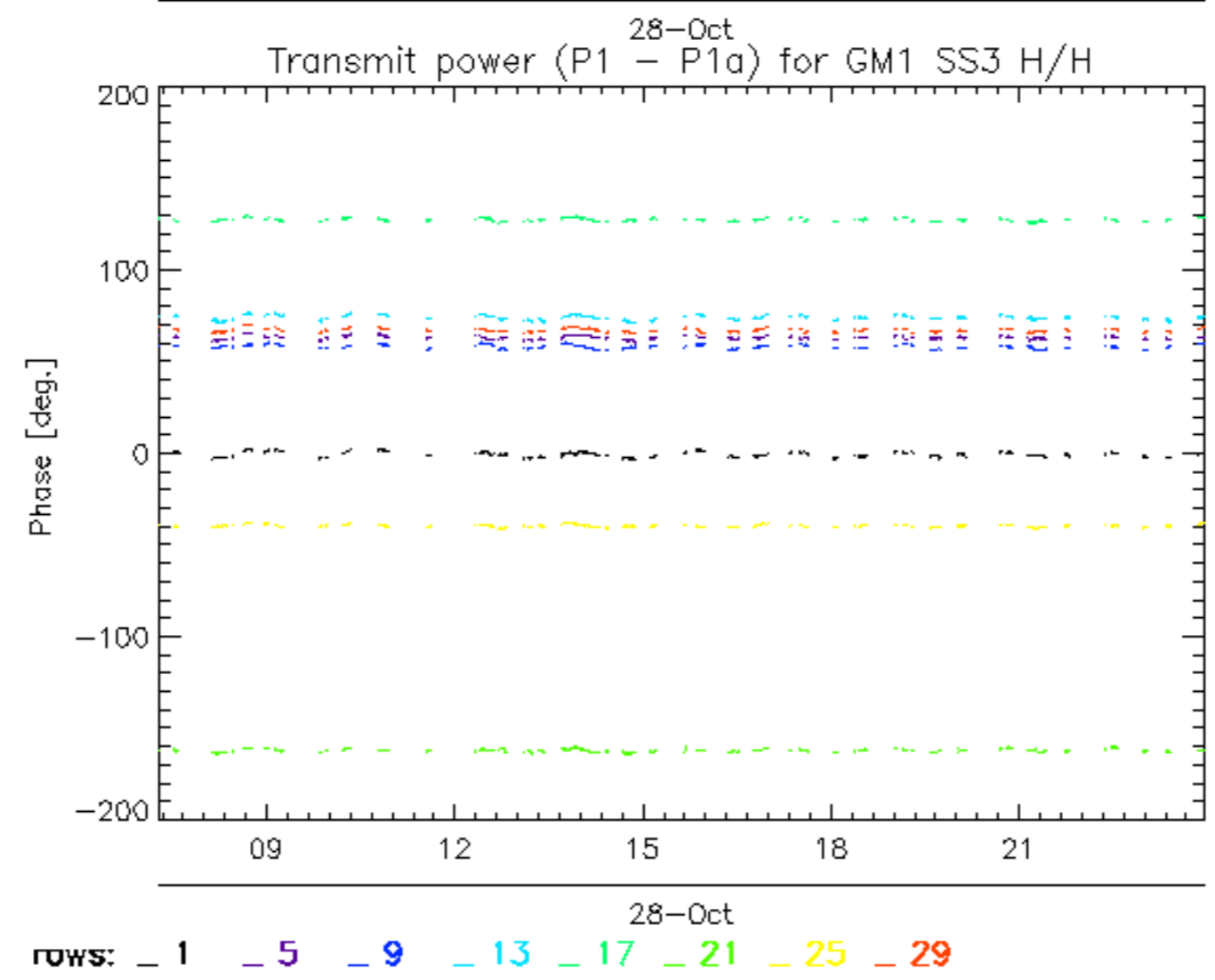
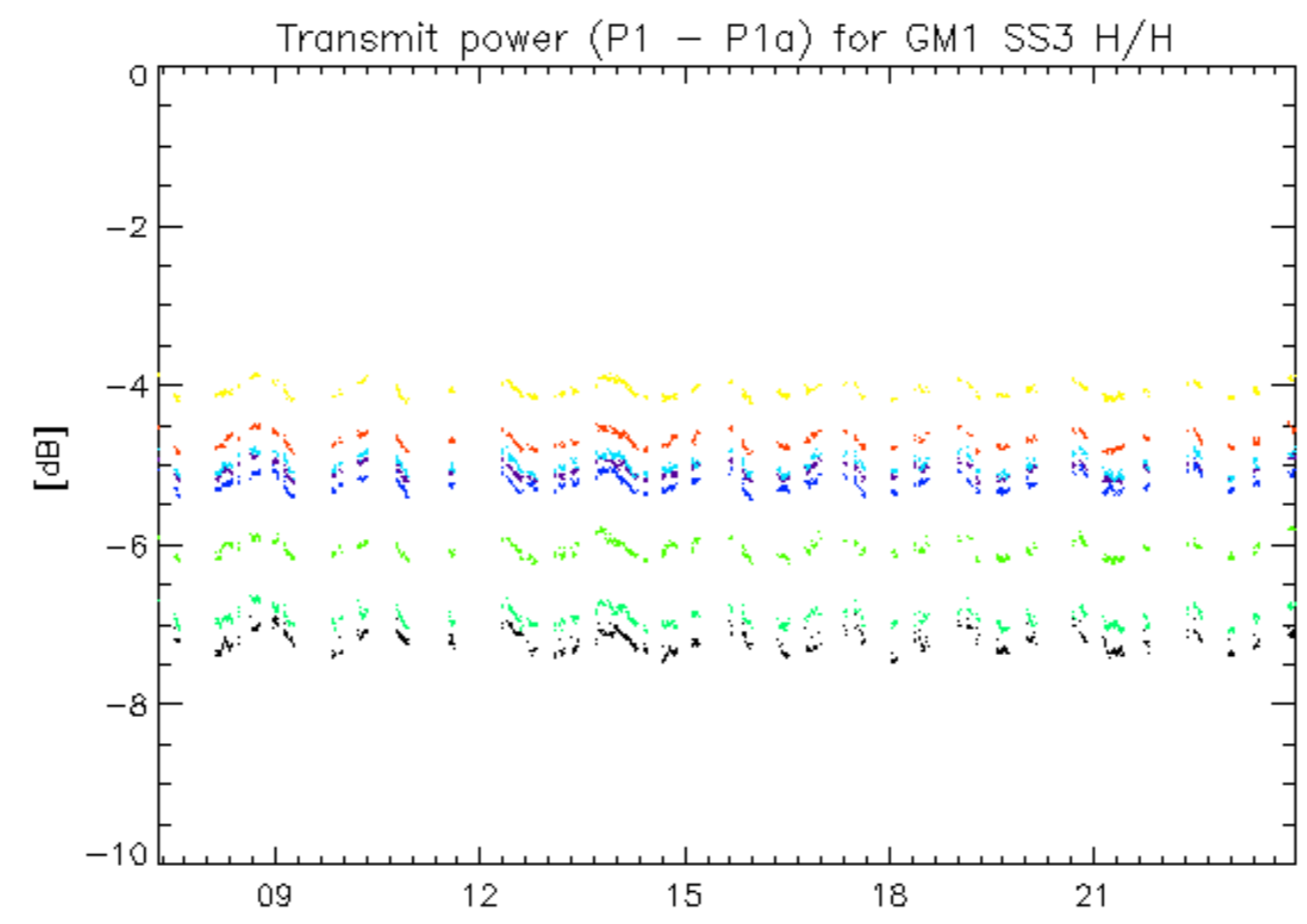


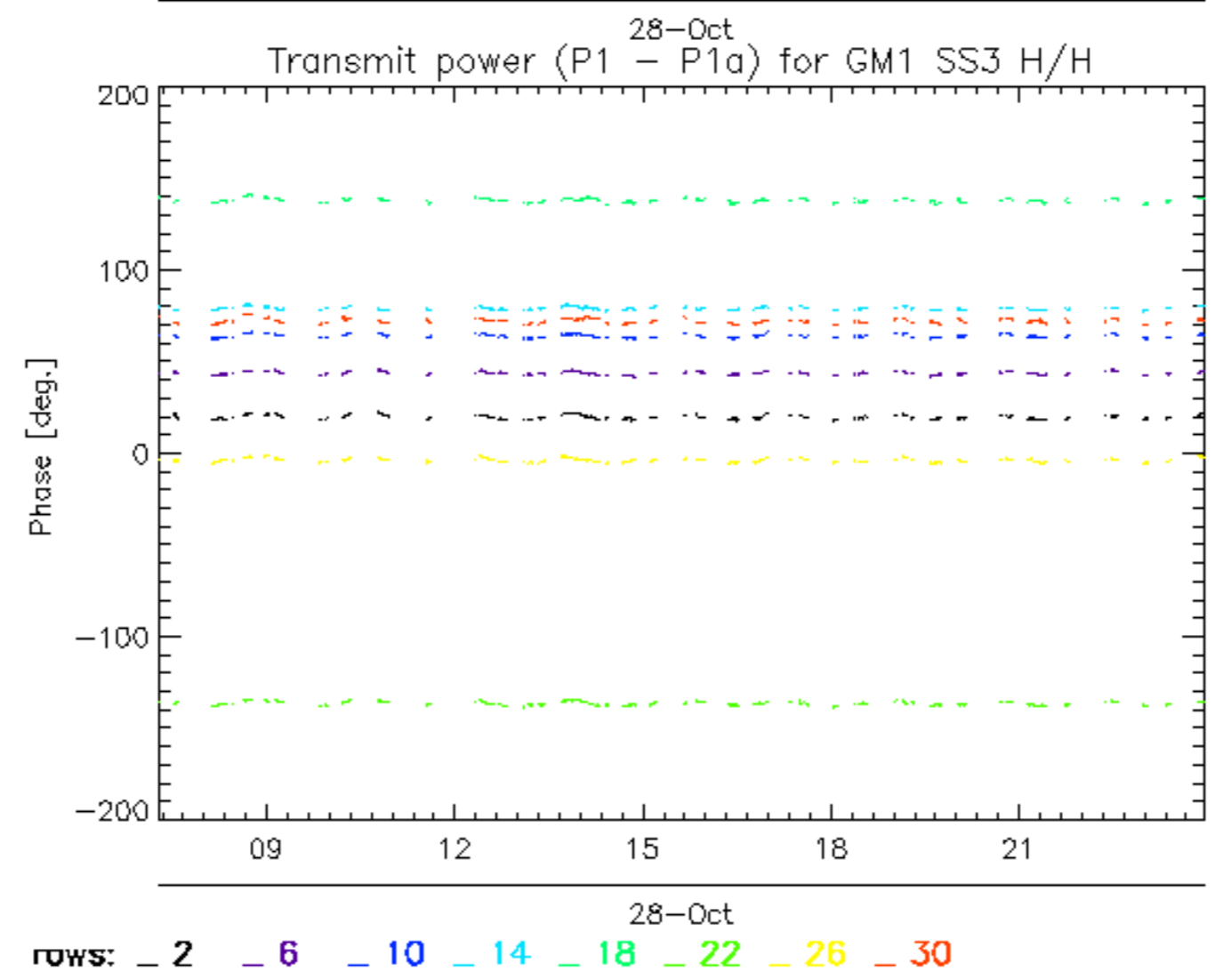
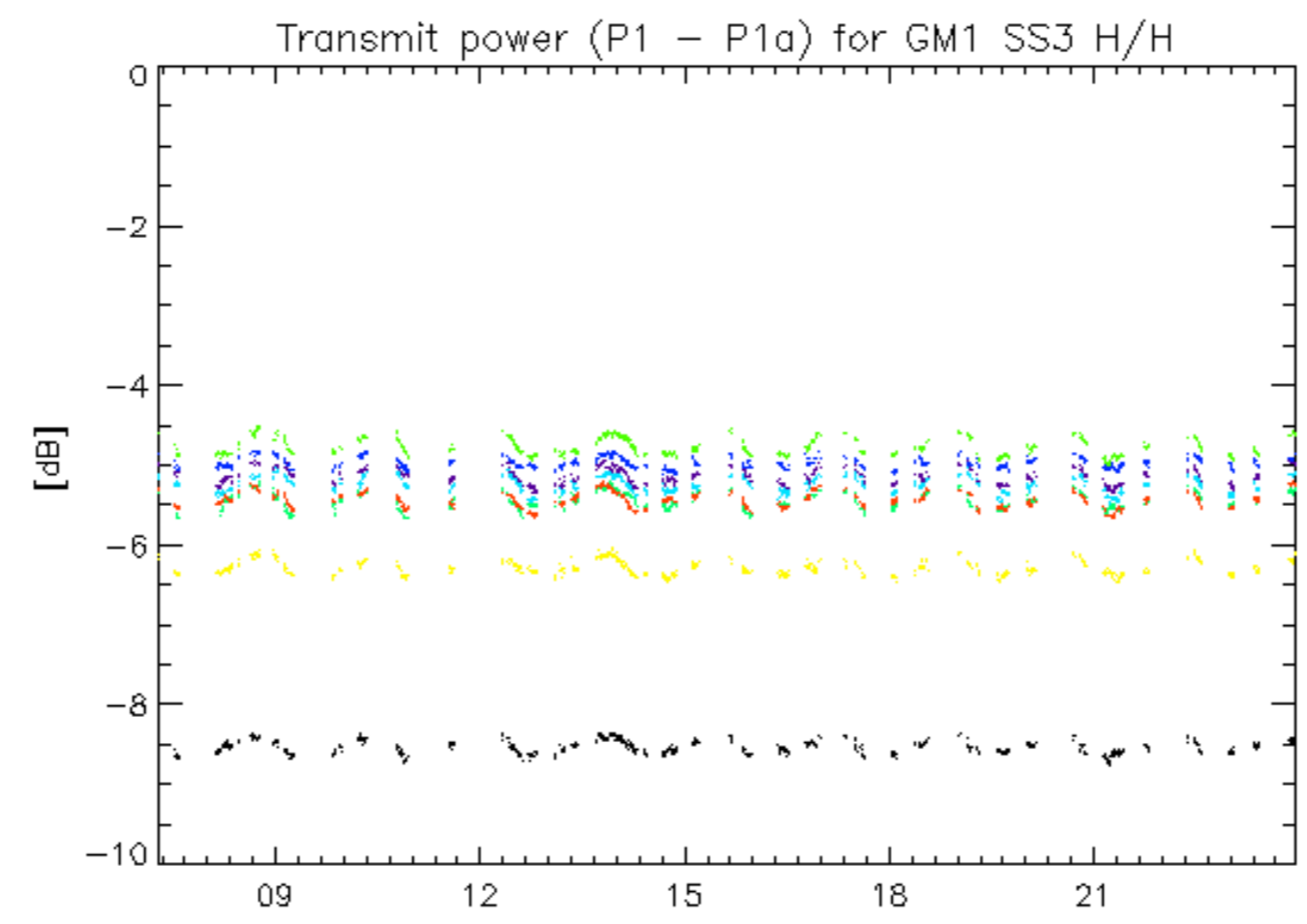
Calibration pulses for WVS IS2 V/V

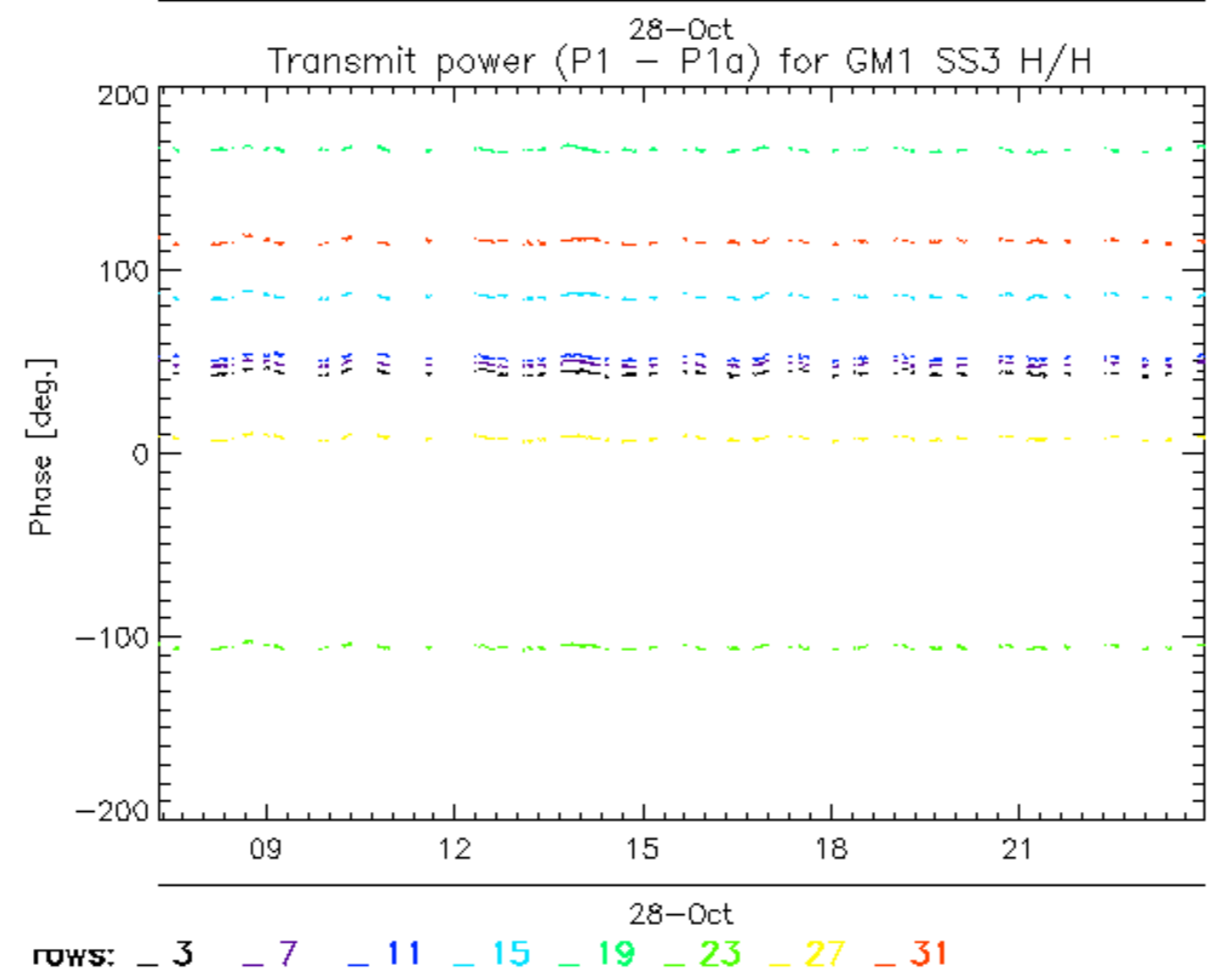
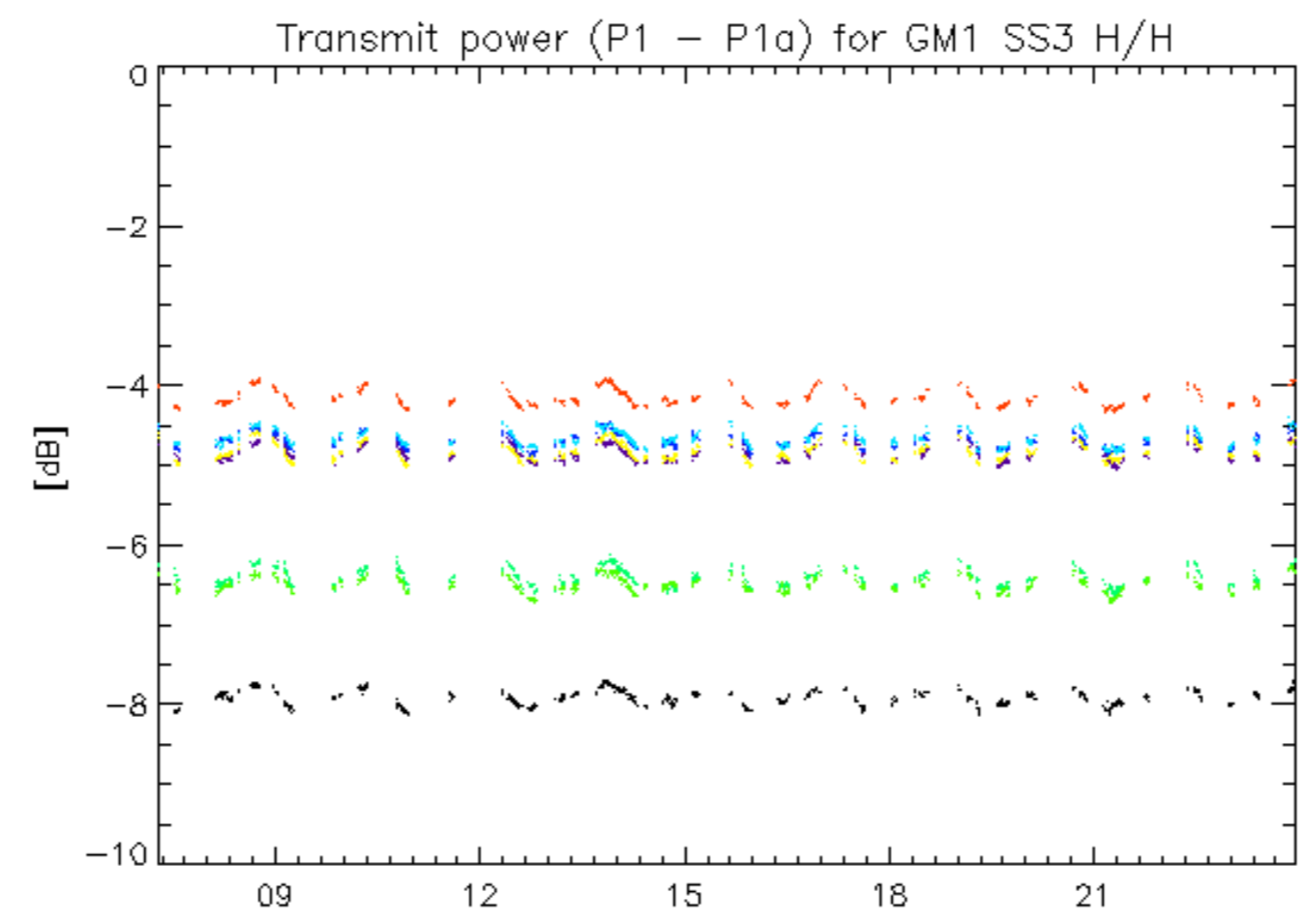


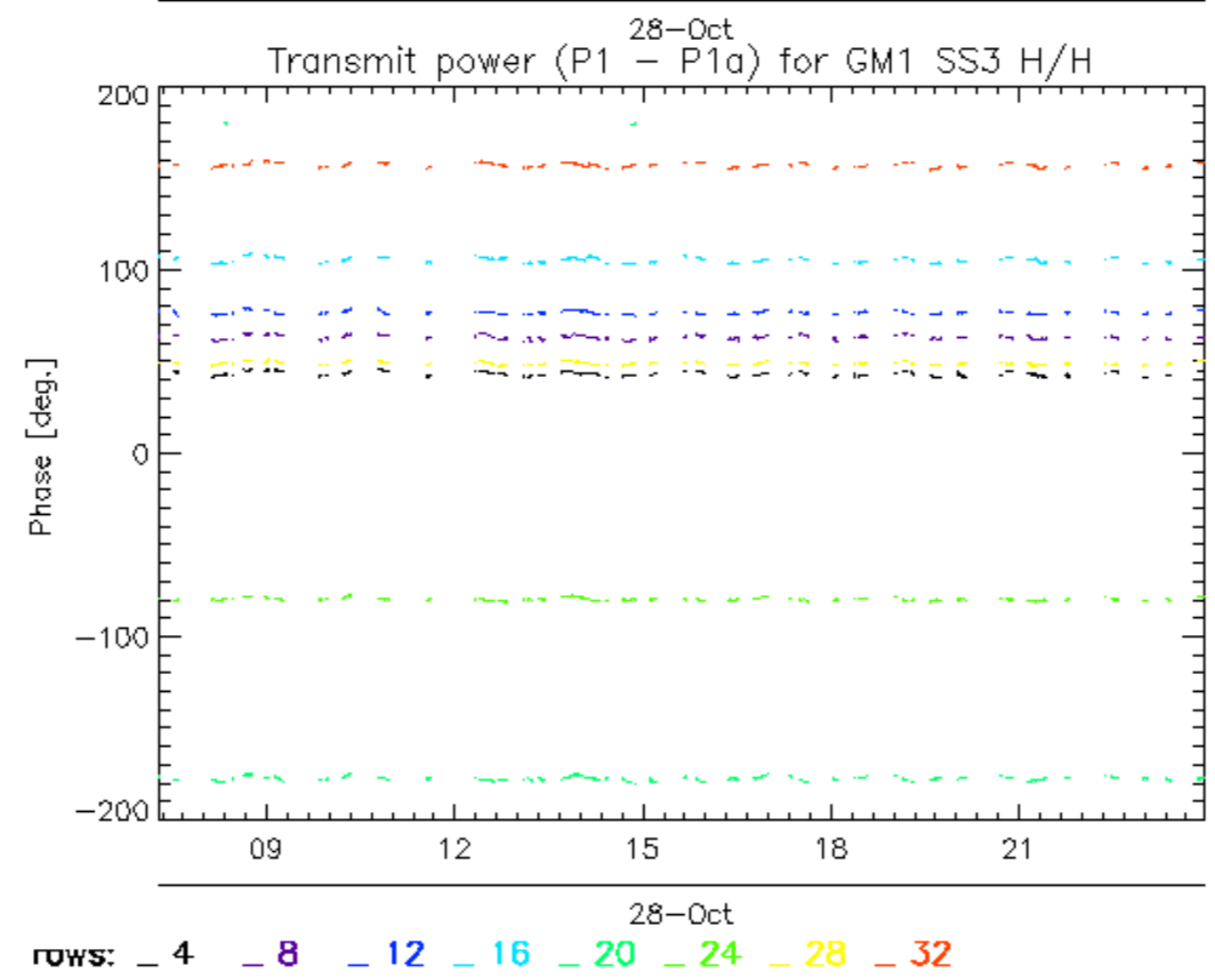
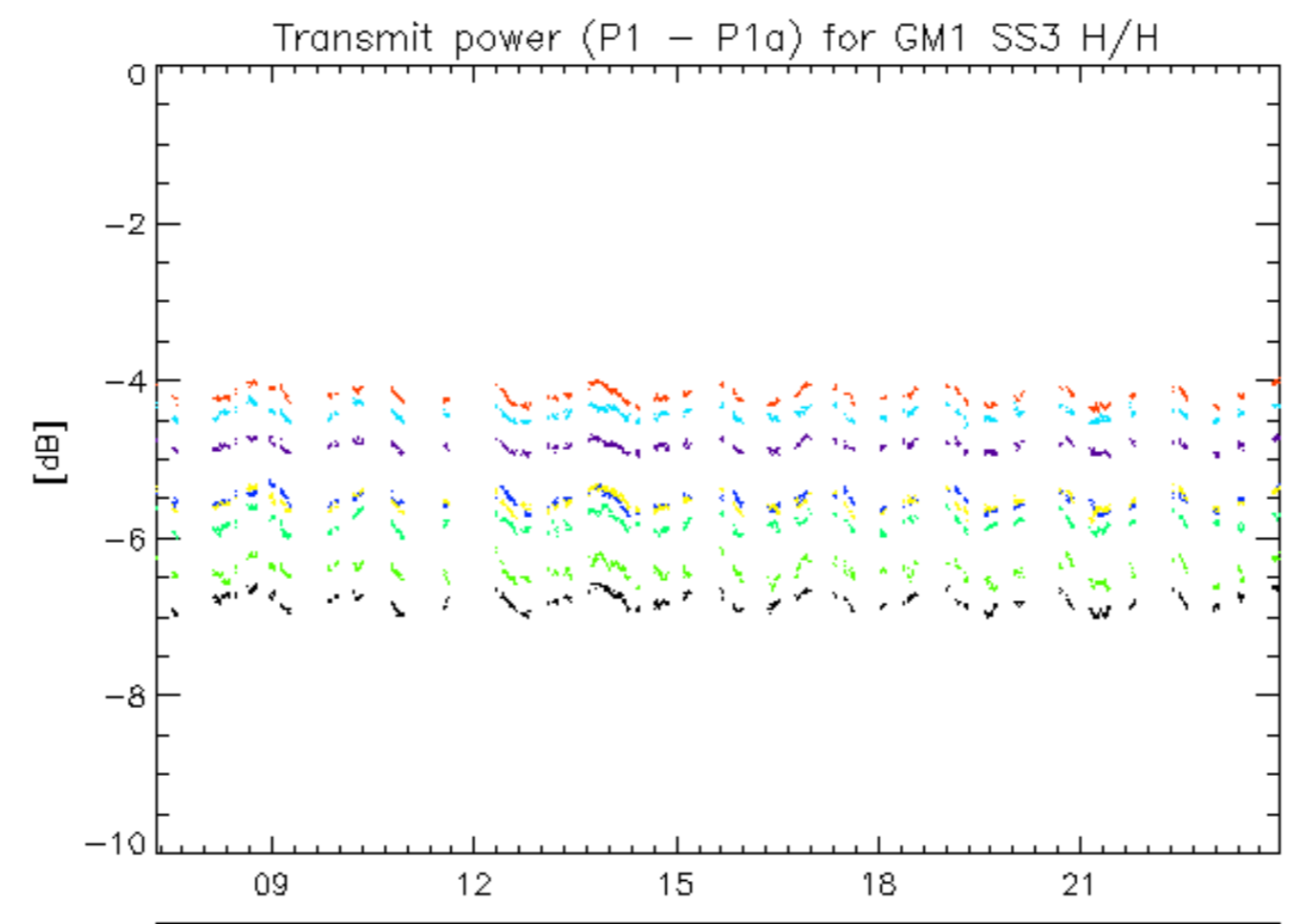


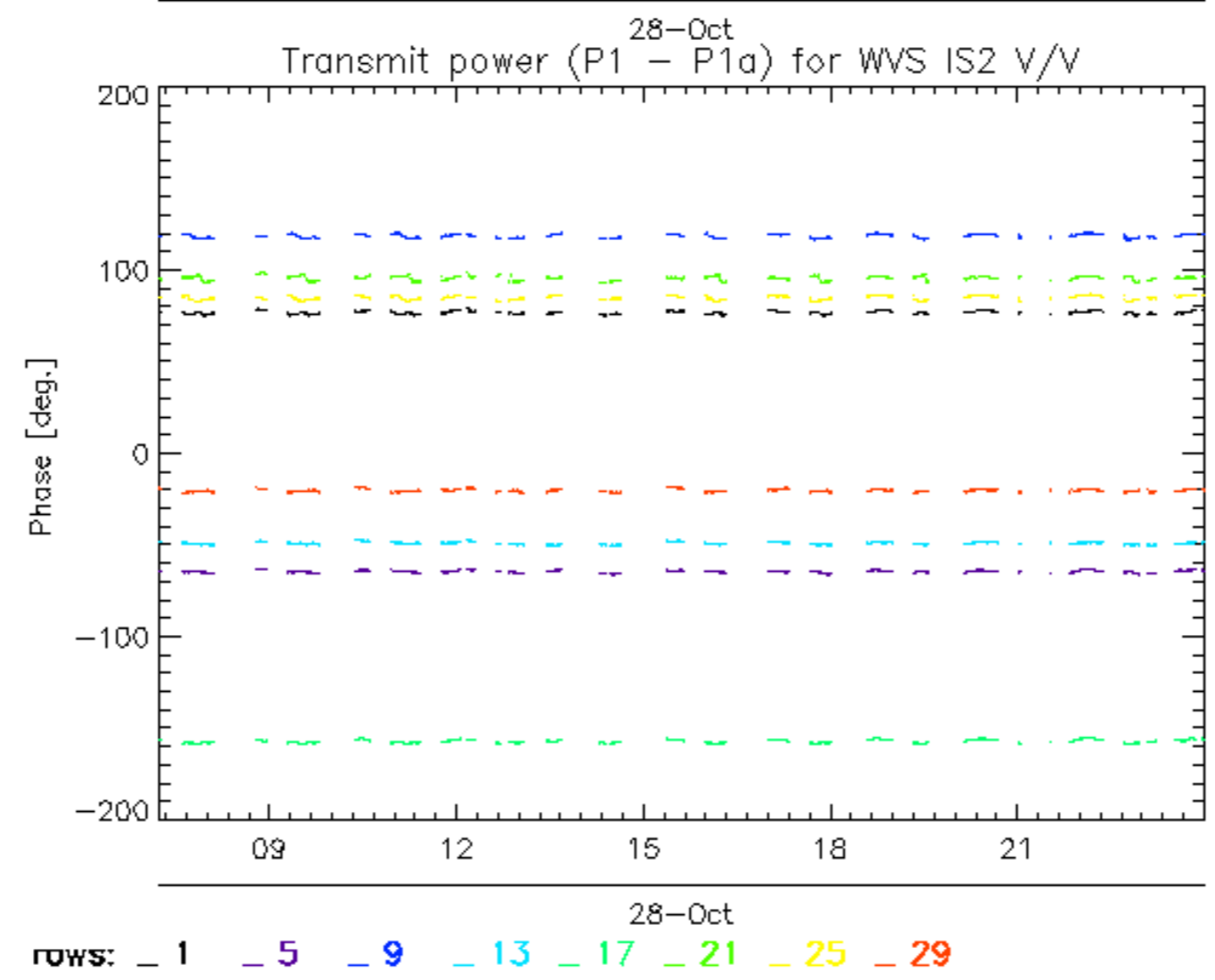
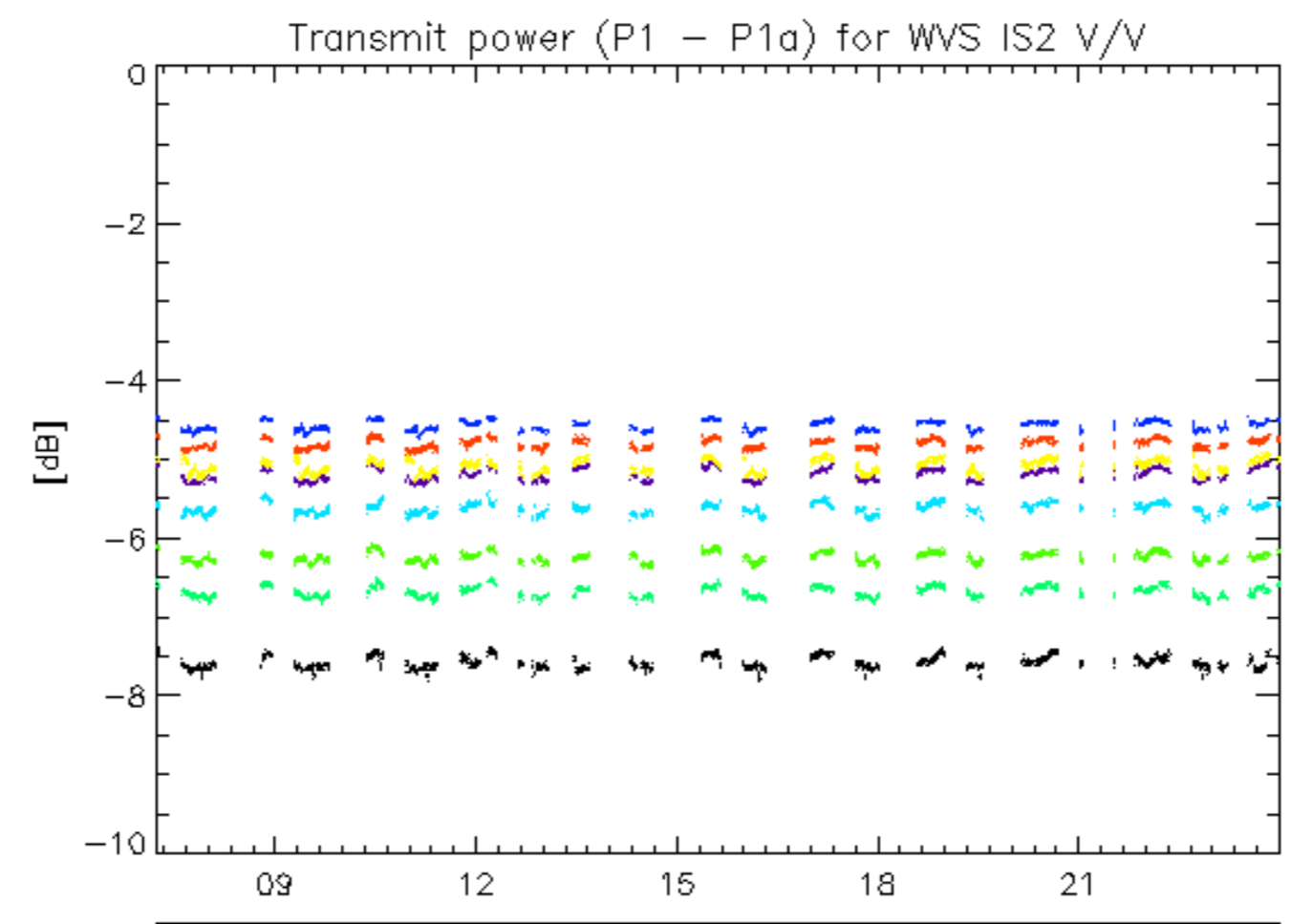


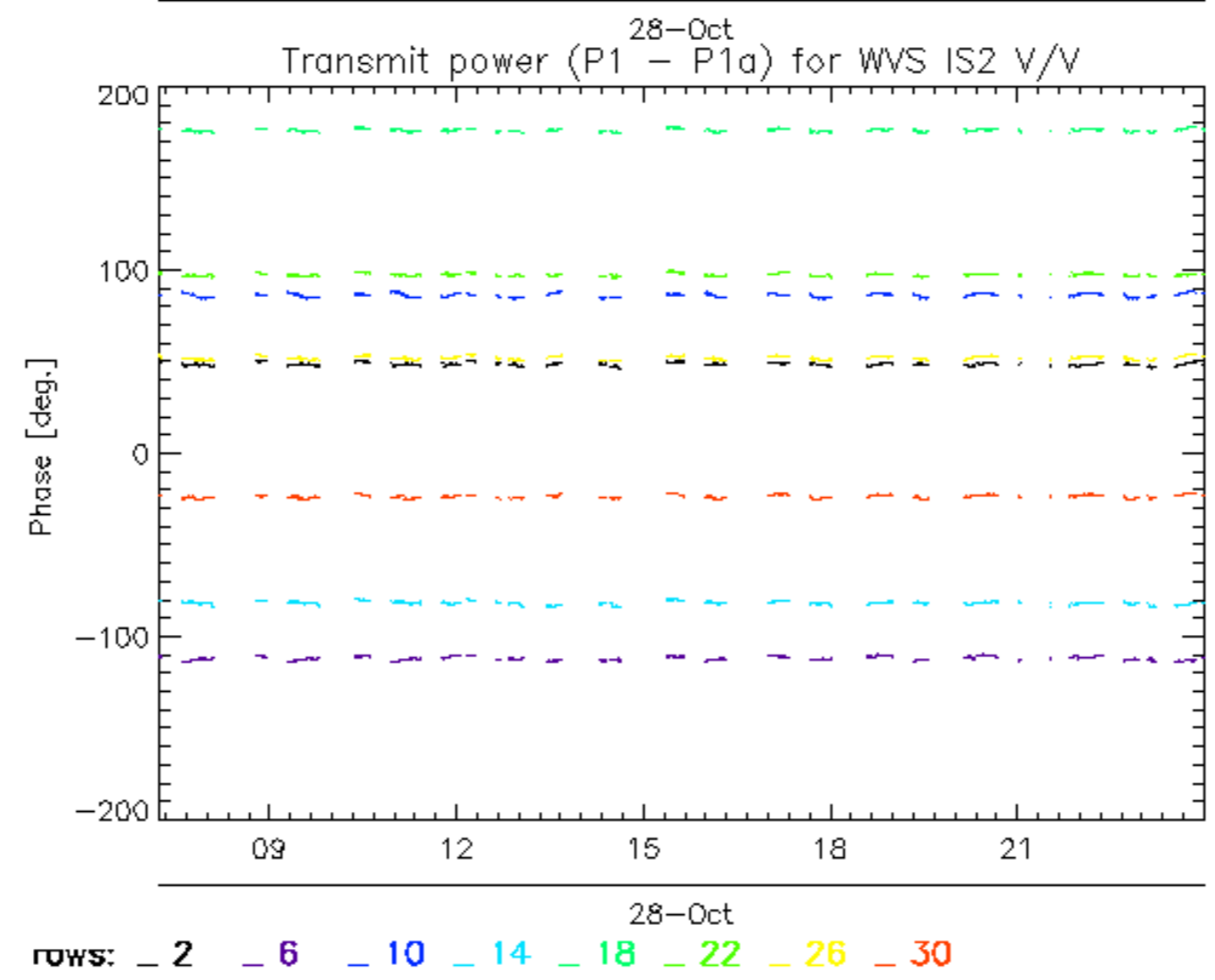
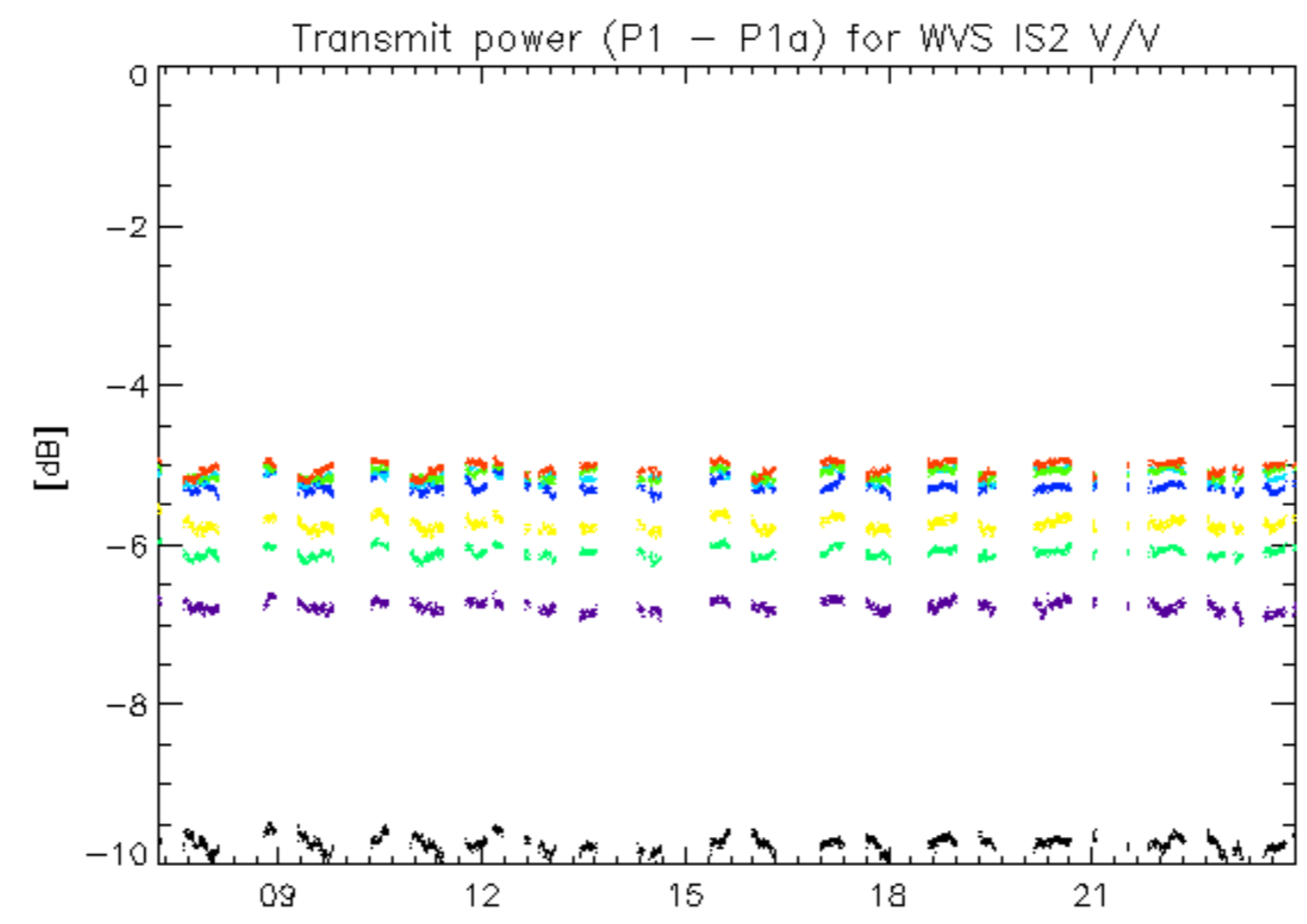


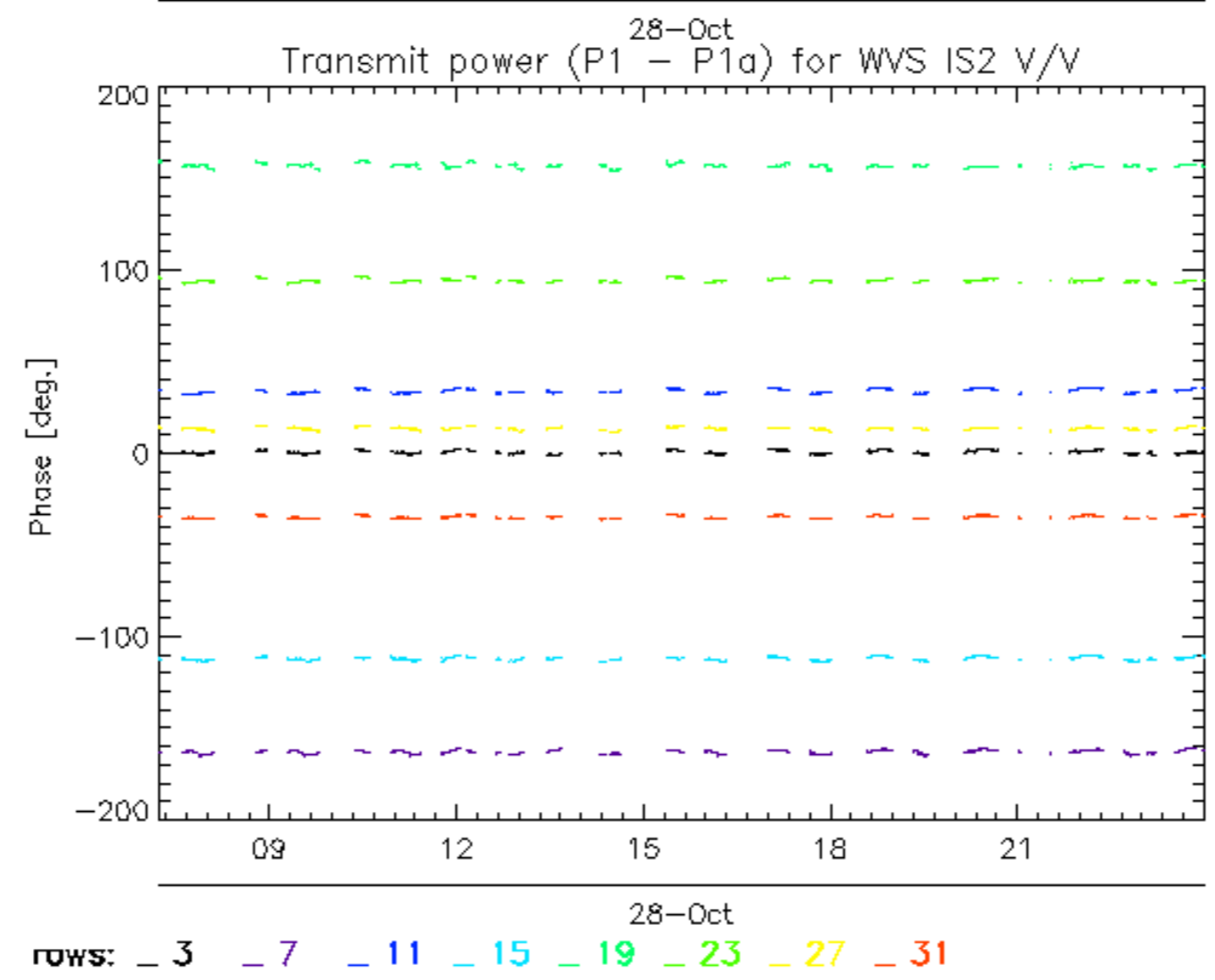
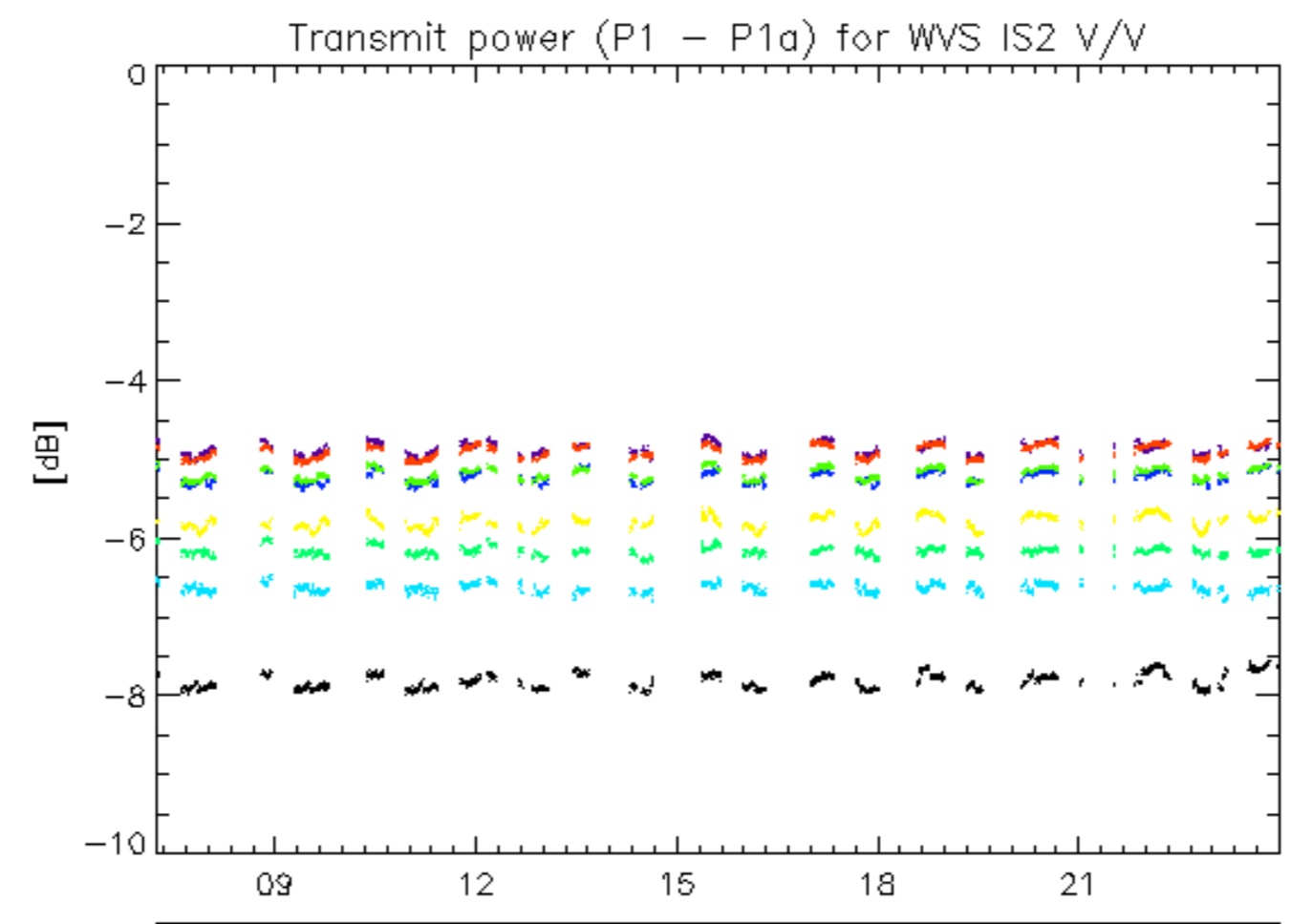


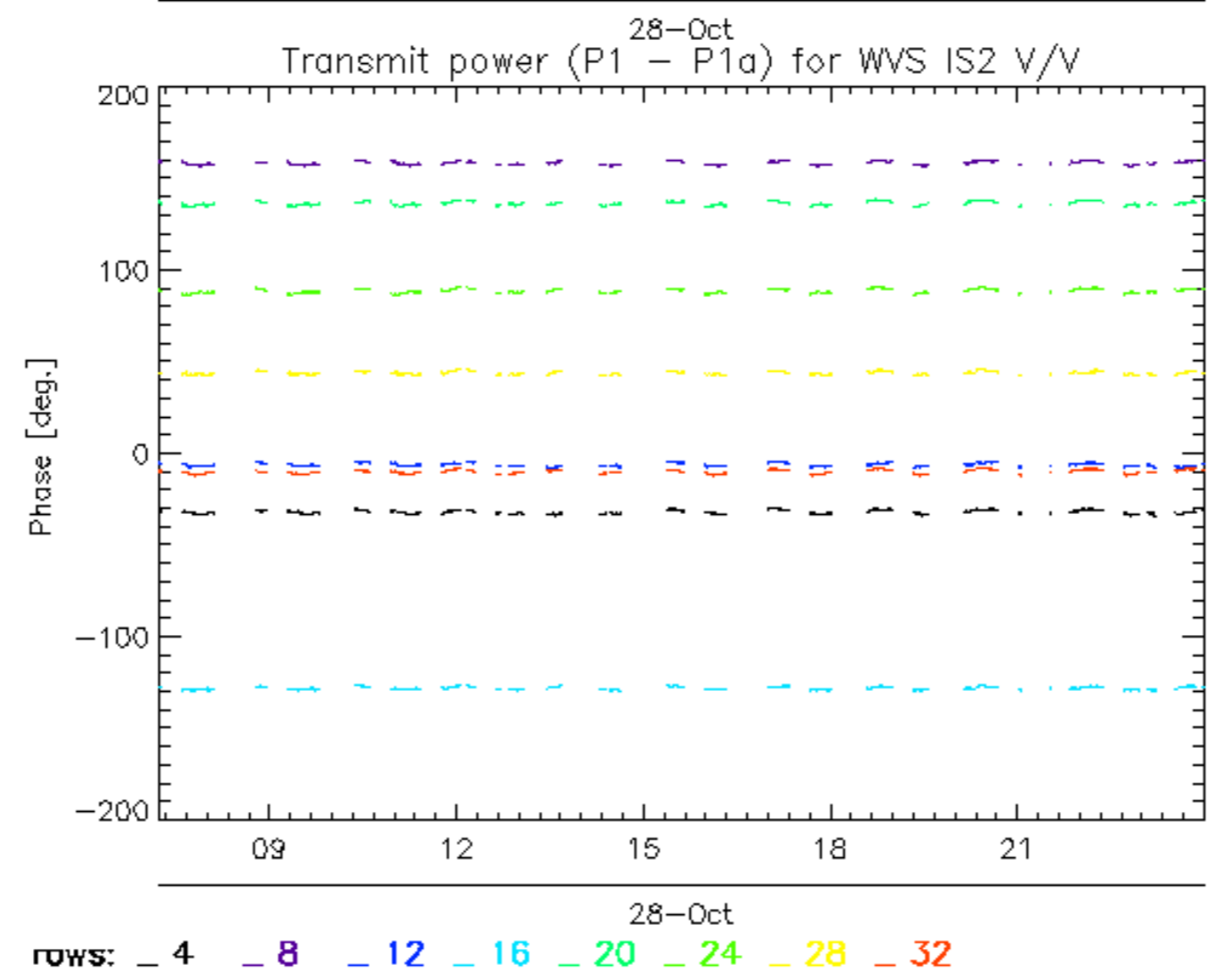
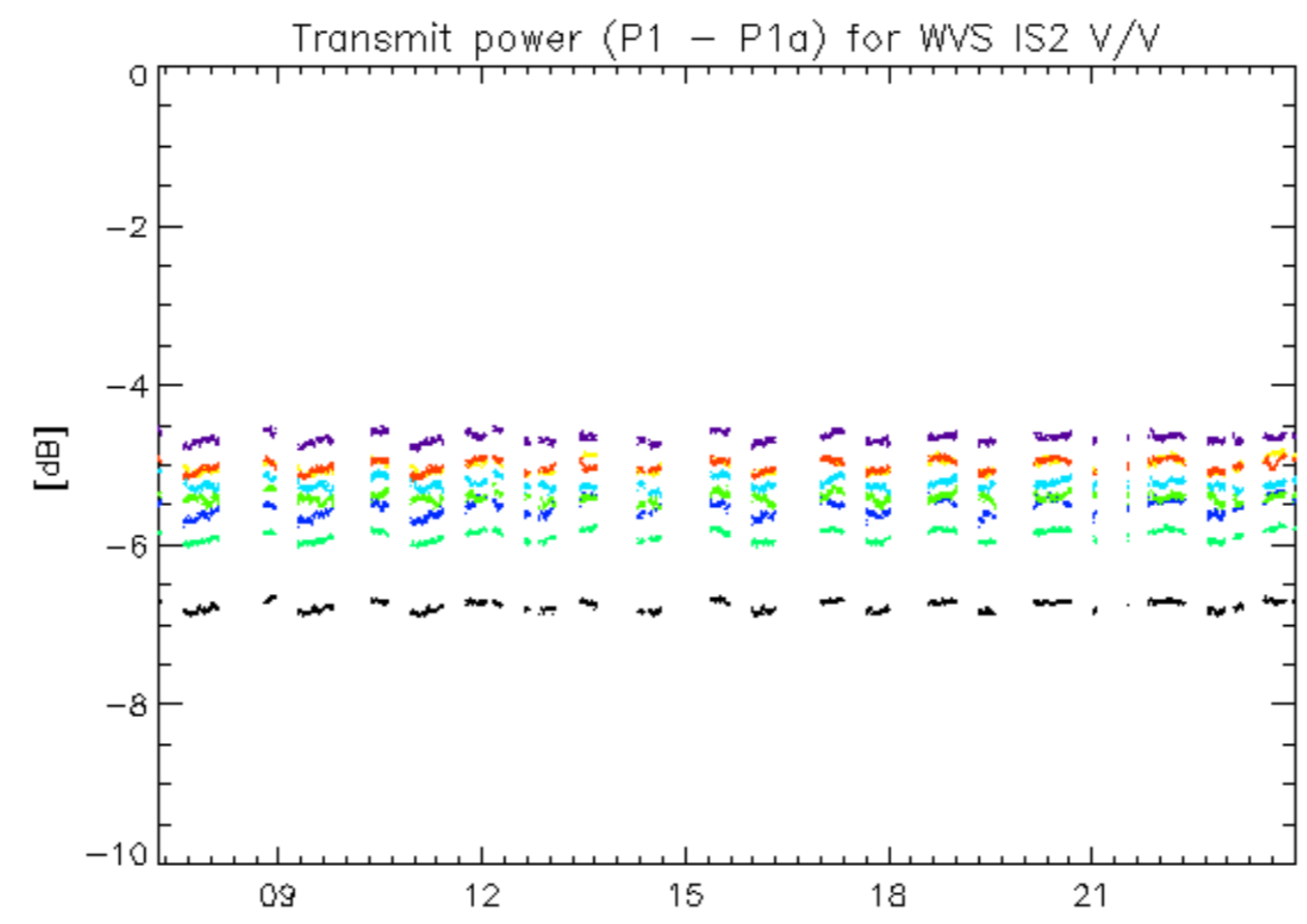


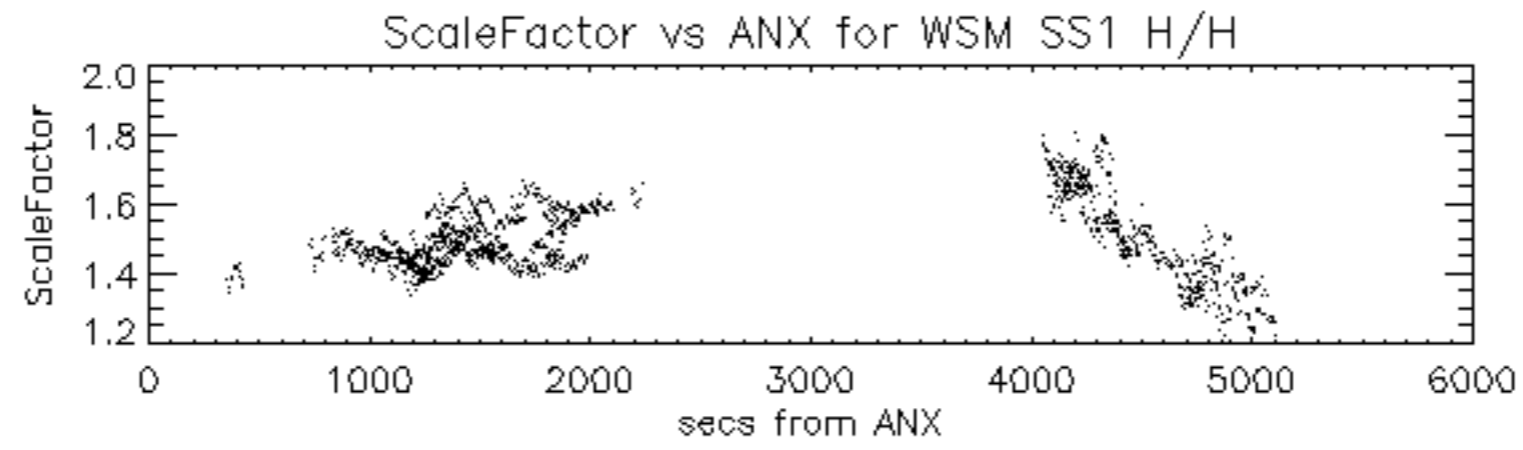


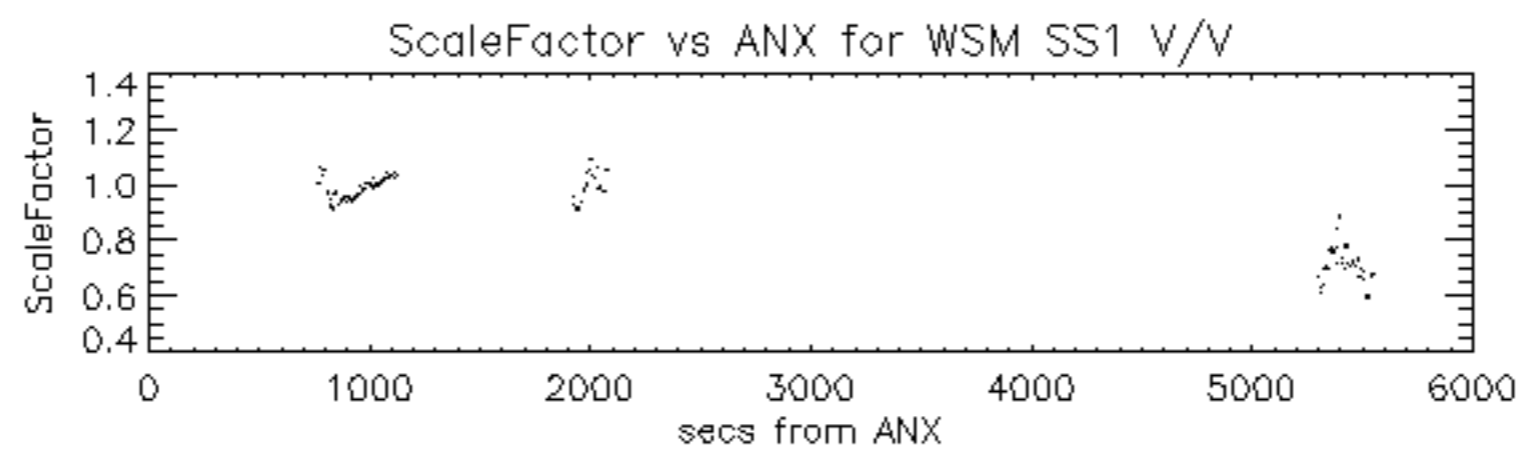


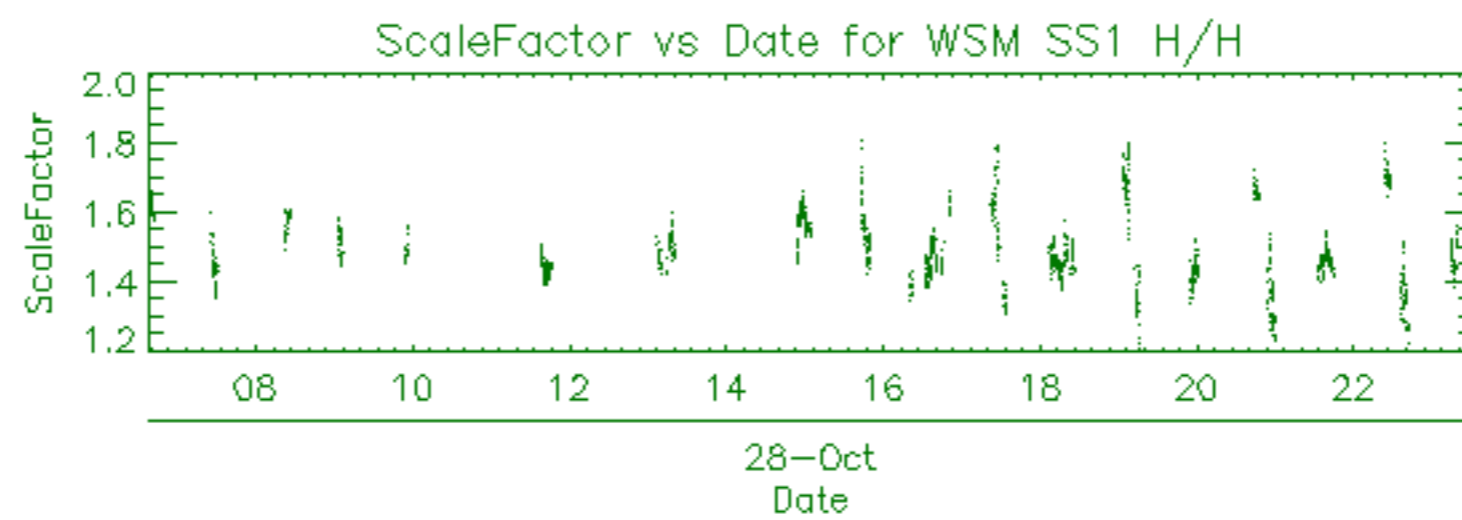


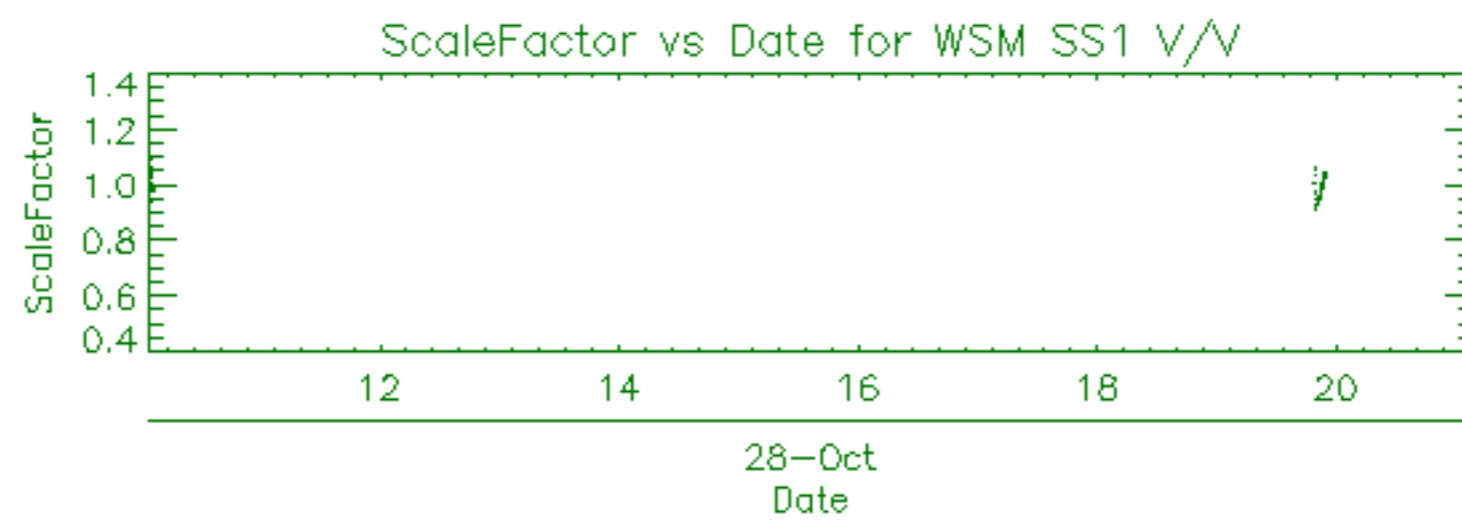












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20091028_200622_000000472083_00429_40062_2711.N1						IS3	H/H	83	40062	429	4.07



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDK20091028_071652_000000842083_00421_40054_6268.N1						SS1	H/H	83	40054	421	4.07
ASA_GM1_1PNPDK20091028_073111_000002832083_00421_40054_6273.N1						SS1	H/H	83	40054	421	4.07
ASA_GM1_1PNPDK20091028_080743_000007002083_00422_40055_6278.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_081807_000002592083_00422_40055_6307.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_082704_000001022083_00422_40055_6309.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_083824_000005372083_00422_40055_6311.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_085728_000003262083_00422_40055_6313.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_090652_000005732083_00422_40055_6318.N1						SS1	H/H	83	40055	422	4.07
ASA_GM1_1PNPDK20091028_094924_000002772083_00423_40056_6320.N1						SS1	H/H	83	40056	423	4.07
ASA_GM1_1PNPDK20091028_095638_000000902083_00423_40056_6322.N1						SS1	H/H	83	40056	423	4.07
ASA_GM1_1PNPDK20091028_095649_000000902083_00423_40056_6363.N1						SS1	H/H	83	40056	423	4.07
ASA_GM1_1PNPDK20091028_101253_000005072083_00423_40056_6365.N1						SS1	H/H	83	40056	423	4.07
ASA_GM1_1PNPDK20091028_104555_000006702083_00423_40056_6370.N1						SS1	H/H	83	40056	423	4.07
ASA_GM1_1PNPDK20091028_113308_000002772083_00424_40057_6372.N1						SS1	H/H	83	40057	424	4.07
ASA_GM1_1PNPDK20091028_121840_000000962083_00424_40057_6404.N1						SS1	H/H	83	40057	424	4.07
ASA_GM1_1PNPDK20091028_122411_000008092083_00424_40057_6409.N1						SS1	H/H	83	40057	424	4.07
ASA_GM1_1PNPDK20091028_124229_000004712083_00424_40057_6417.N1						SS1	H/H	83	40057	424	4.07
ASA_GM1_1PNPDK20091028_130445_000001382083_00425_40058_6419.N1						SS1	H/H	83	40058	425	4.07
ASA_GM1_1PNPDK20091028_131021_000002832083_00425_40058_6421.N1						SS1	H/H	83	40058	425	4.07
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ASA_GM1_1PNPDK20091028_134135_000001202083_00425_40058_6453.N1						SS1	H/H	83	40058	425	4.07
ASA_GM1_1PNPDK20091028_134426_000005012083_00425_40058_6457.N1						SS1	H/H	83	40058	425	4.07
ASA_GM1_1PNPDK20091028_135336_000014792083_00425_40058_6479.N1						SS1	H/H	83	40058	425	4.07
ASA_GM1_1PNPDK20091028_142408_000002532083_00425_40058_6472.N1						SS1	H/H	83	40058	425	4.07
ASA_GM1_1PNPDK20091028_144017_000008032083_00426_40059_6477.N1						SS1	H/H	83	40059	426	4.07
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ASA_GM1_1PNPDK20091028_165829_000000722083_00427_40060_6550.N1						SS1	H/H	83	40060	427	4.07
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ASA_GM1_1PNPDK20091028_183241_000000962083_00428_40061_6601.N1						SS1	H/H	83	40061	428	4.07
ASA_GM1_1PNPDK20091028_190103_000000902083_00428_40061_6603.N1						SS1	H/H	83	40061	428	4.07
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ASA_GM1_1PNPDE20091028_204139_000001262083_00429_40062_2699.N1						SS1	H/H	83	40062	429	4.07
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ASA_GM1_1PNPDE20091028_210837_000010802083_00429_40062_2762.N1						SS1	H/H	83	40062	429	4.07
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ASA_GM1_1PNPDE20091028_232010_000003862083_00431_40064_2836.N1						SS1	H/H	83	40064	431	4.07
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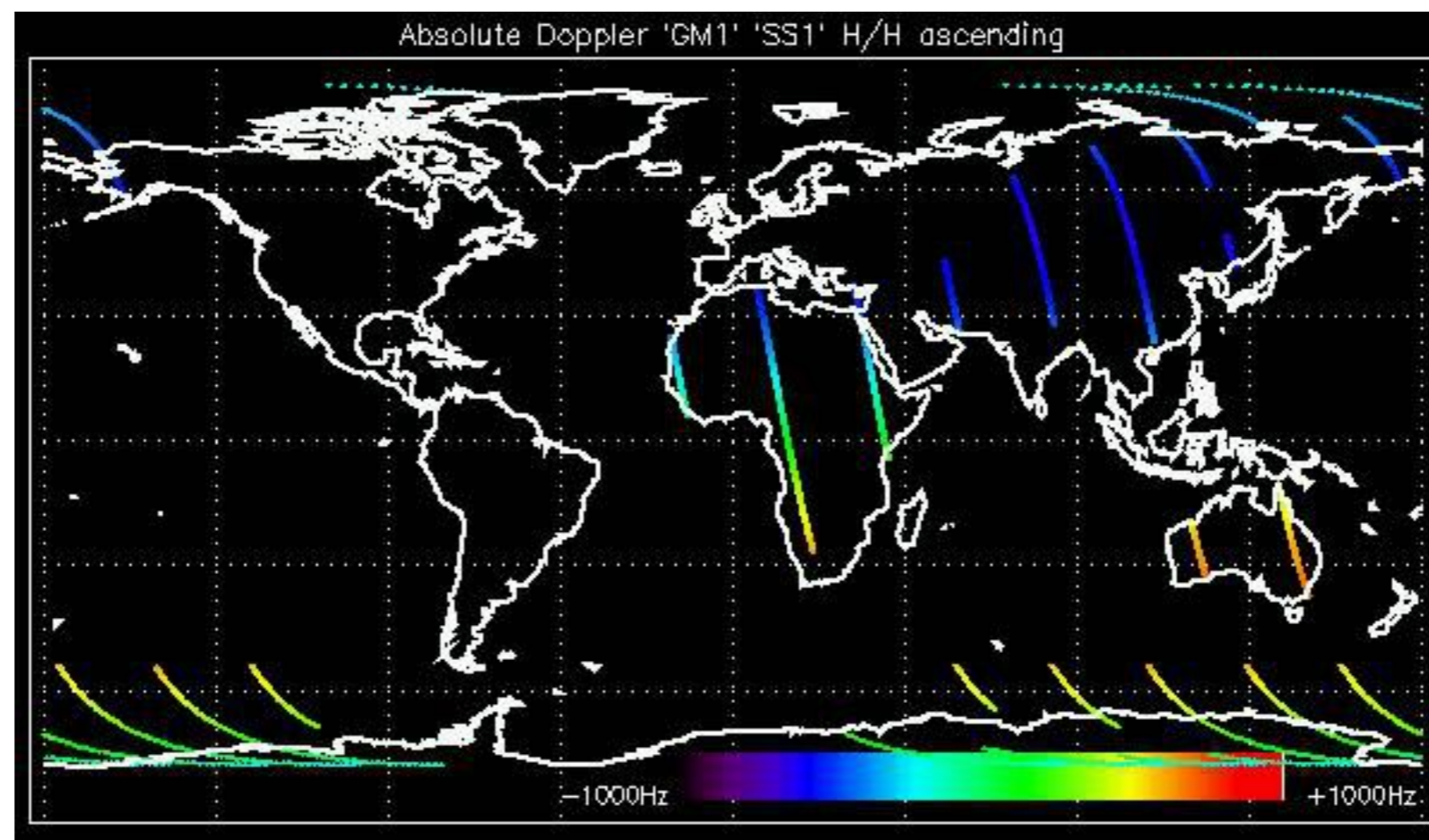
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDK20091028_100709_000000852083_00423_40056_6352.N1						IS2	V/V	83	40056	423	4.07
ASA_IMM_1PNPDK20091028_125148_000000592083_00424_40057_6426.N1						IS2	V/V	83	40057	424	4.07
ASA_IMM_1PNPDE20091028_134337_000000382083_00425_40058_2572.N1						IS6	H/H	83	40058	425	4.07
ASA_IMM_1PNPDE20091028_135248_000000382083_00425_40058_2574.N1						IS4	V/V	83	40058	425	4.07
ASA_IMM_1PNPDK20091028_150307_000000512083_00426_40059_6481.N1						IS2	H/H	83	40059	426	4.07
ASA_IMM_1PNPDE20091028_164228_000000522083_00427_40060_2618.N1						IS1	H/H	83	40060	427	4.07
ASA_IMM_1PNPDE20091028_165702_000000632083_00427_40060_2620.N1						IS2	V/V	83	40060	427	4.07
ASA_IMM_1PNPDE20091028_165702_000000772083_00427_40060_2634.N1						IS2	V/V	83	40060	427	4.07
ASA_IMM_1PNPDE20091028_183138_000000532083_00428_40061_2670.N1						IS2	V/V	83	40061	428	4.07
ASA_IMM_1PNPDE20091028_202011_000000482083_00429_40062_2709.N1						IS2	V/V	83	40062	429	4.07
ASA_IMM_1PNPDK20091028_213029_000000372083_00430_40063_6648.N1						IS6	H/H	83	40063	430	4.07
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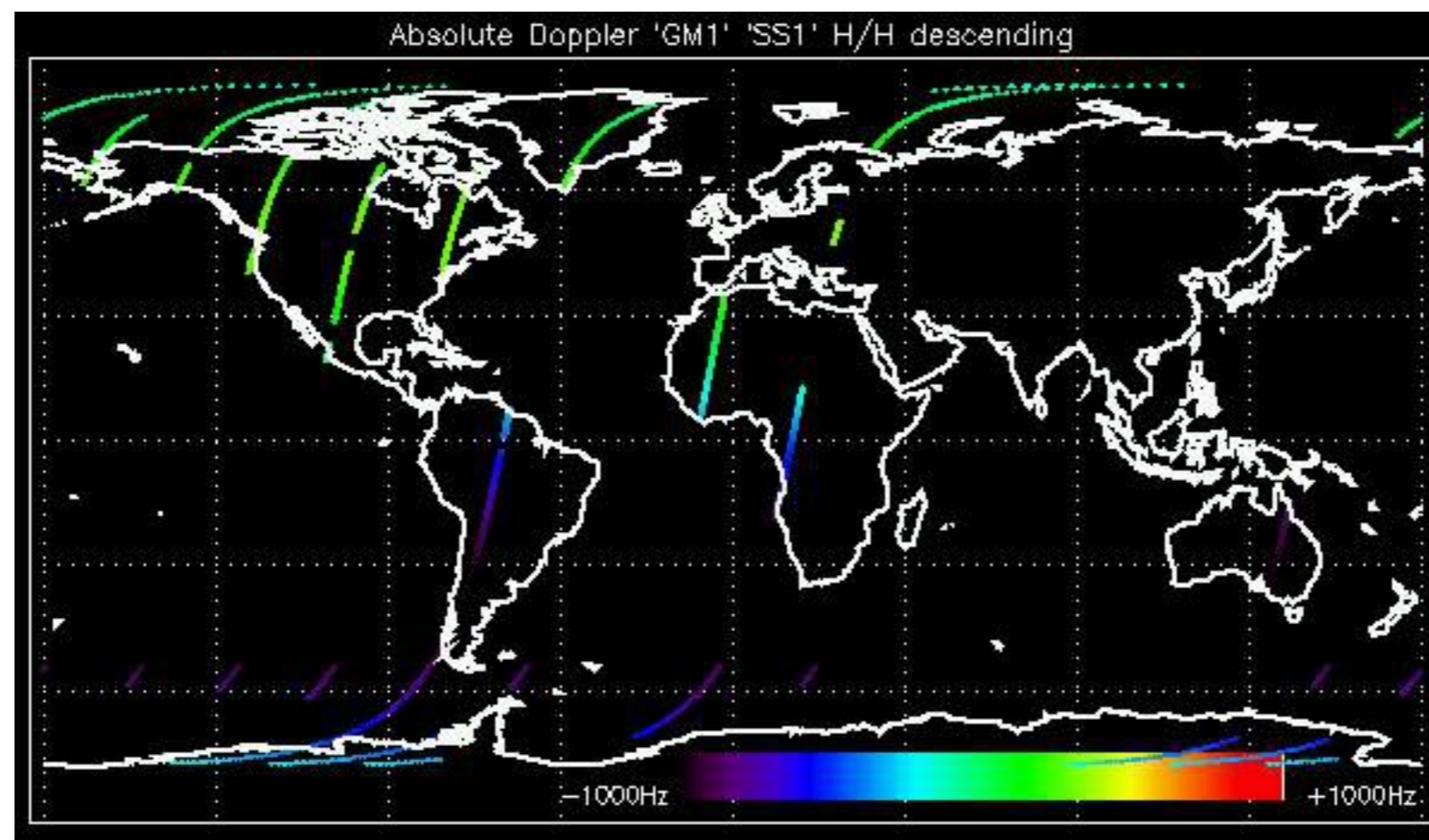
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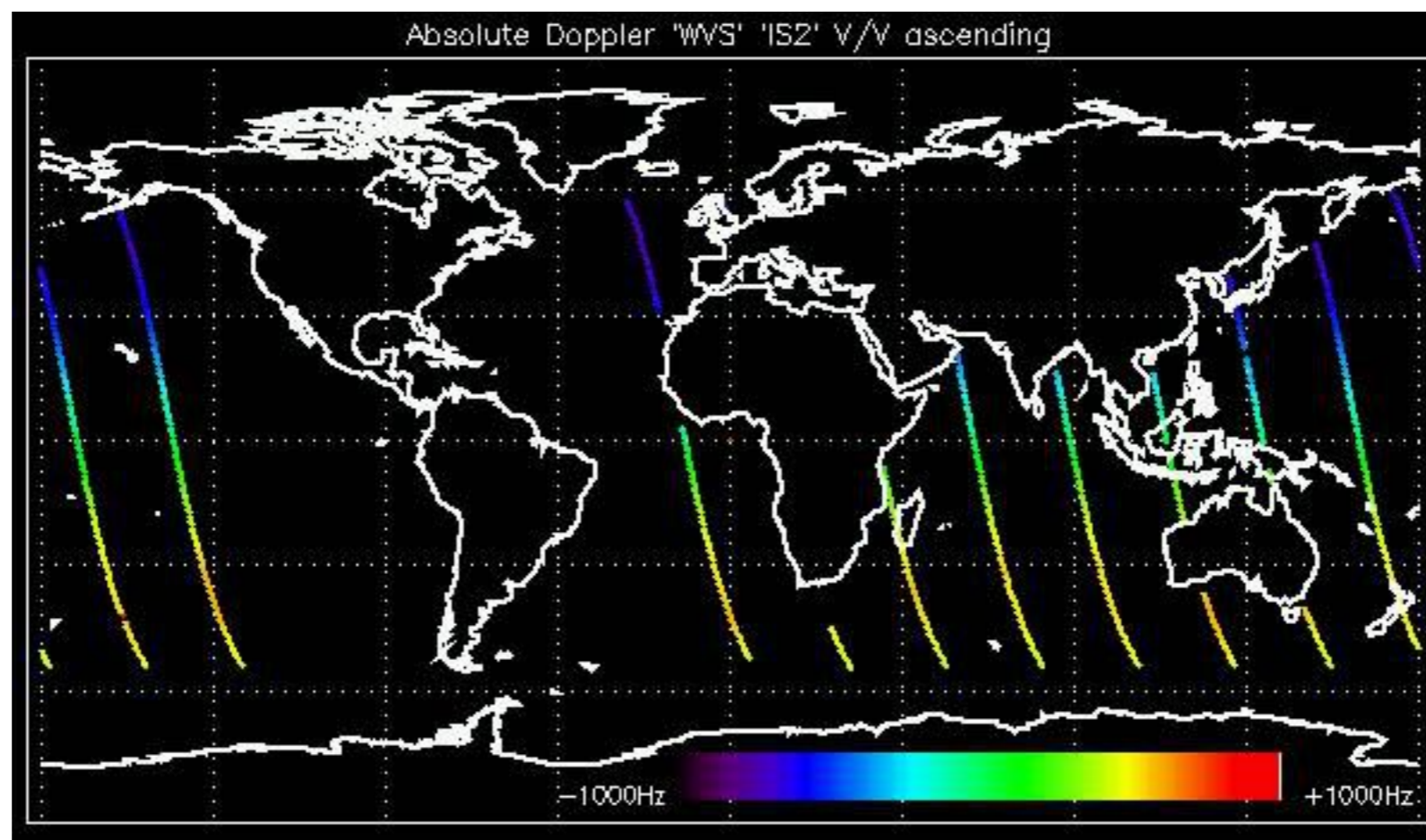


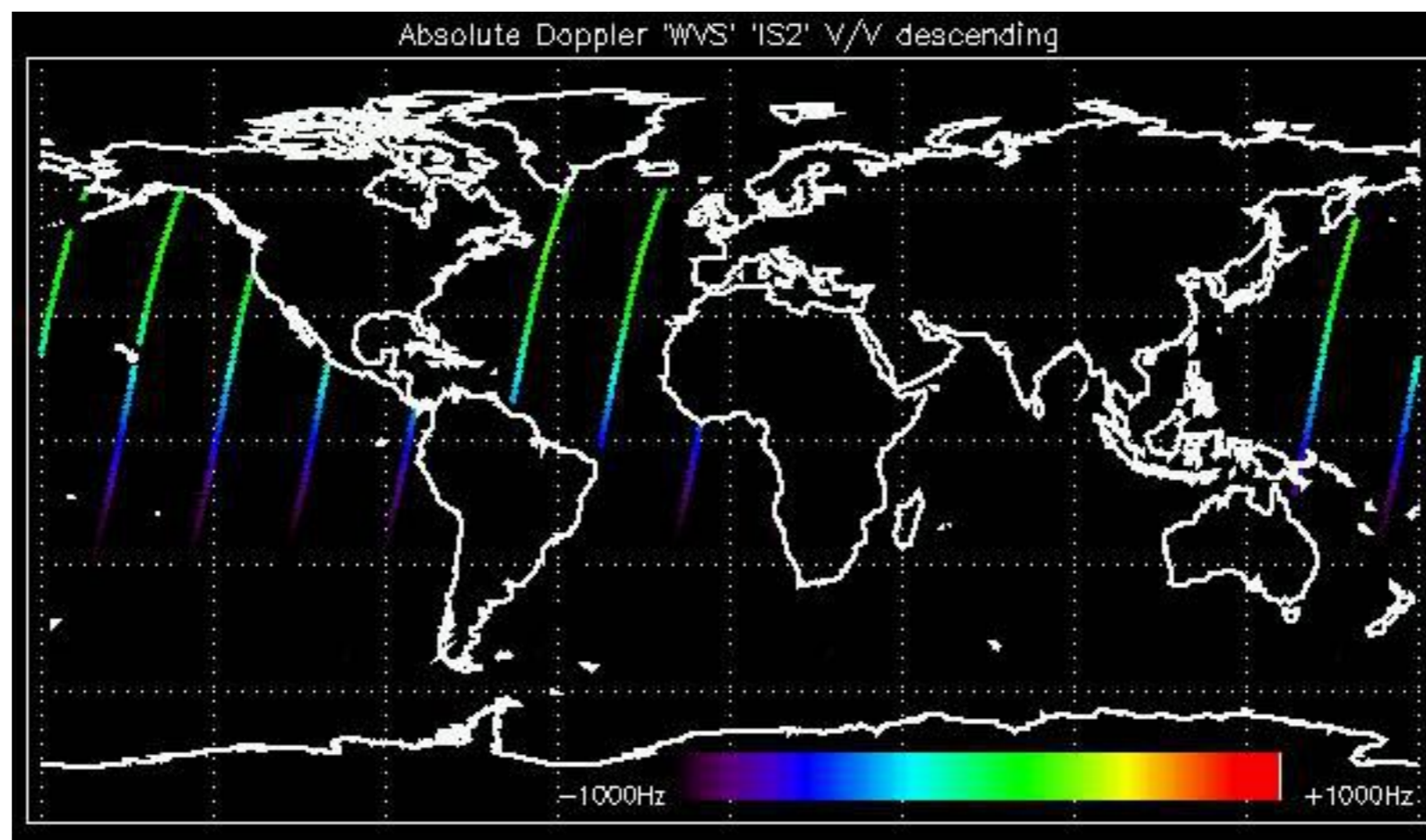
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDK20091028_063820_000002262083_00421_40054_6266.N1						SS1	H/H	83	40054	421	4.07
ASA_WSM_1PNPDK20091028_072557_000003122083_00421_40054_6303.N1						SS1	H/H	83	40054	421	4.07
ASA_WSM_1PNPDK20091028_082229_000002692083_00422_40055_6305.N1						SS1	H/H	83	40055	422	4.07
ASA_WSM_1PNPDK20091028_090256_000002322083_00422_40055_6354.N1						SS1	H/H	83	40055	422	4.07
ASA_WSM_1PNPDK20091028_095405_000001342083_00423_40056_6356.N1						SS1	H/H	83	40056	423	4.07
ASA_WSM_1PNPDK20091028_100405_000001832083_00423_40056_6361.N1						SS1	V/V	83	40056	423	4.07
ASA_WSM_1PNPDK20091028_113750_000004892083_00424_40057_6396.N1						SS1	H/H	83	40057	424	4.07
ASA_WSM_1PNPDK20091028_130710_000001892083_00425_40058_6449.N1						SS1	H/H	83	40058	425	4.07
ASA_WSM_1PNPDK20091028_131509_000003302083_00425_40058_6451.N1						SS1	H/H	83	40058	425	4.07
ASA_WSM_1PNPDK20091028_145346_000005312083_00426_40059_6504.N1						SS1	H/H	83	40059	426	4.07
ASA_WSM_1PNPDE20091028_150422_000000912083_00426_40059_2582.N1						SS1	H/H	83	40059	426	4.07
ASA_WSM_1PNPDE20091028_154229_000004702083_00426_40059_2652.N1						SS1	H/H	83	40059	426	4.07
ASA_WSM_1PNPDE20091028_154443_000003362083_00426_40059_2614.N1						SS1	H/H	83	40059	426	4.07
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ASA_WSM_1PNPDE20091028_164429_000000972083_00427_40060_2630.N1						SS1	H/H	83	40060	427	4.07
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ASA_WSM_1PNPDE20091028_173208_000001522083_00427_40060_2632.N1						SS1	H/H	83	40060	427	4.07
ASA_WSM_1PNPDE20091028_180713_000000912083_00428_40061_2650.N1						SS1	H/H	83	40061	428	4.07
ASA_WSM_1PNPDK20091028_180858_000005922083_00428_40061_6595.N1						SS1	H/H	83	40061	428	4.07
ASA_WSM_1PNPDK20091028_181918_000001342083_00428_40061_6593.N1						SS1	H/H	83	40061	428	4.07
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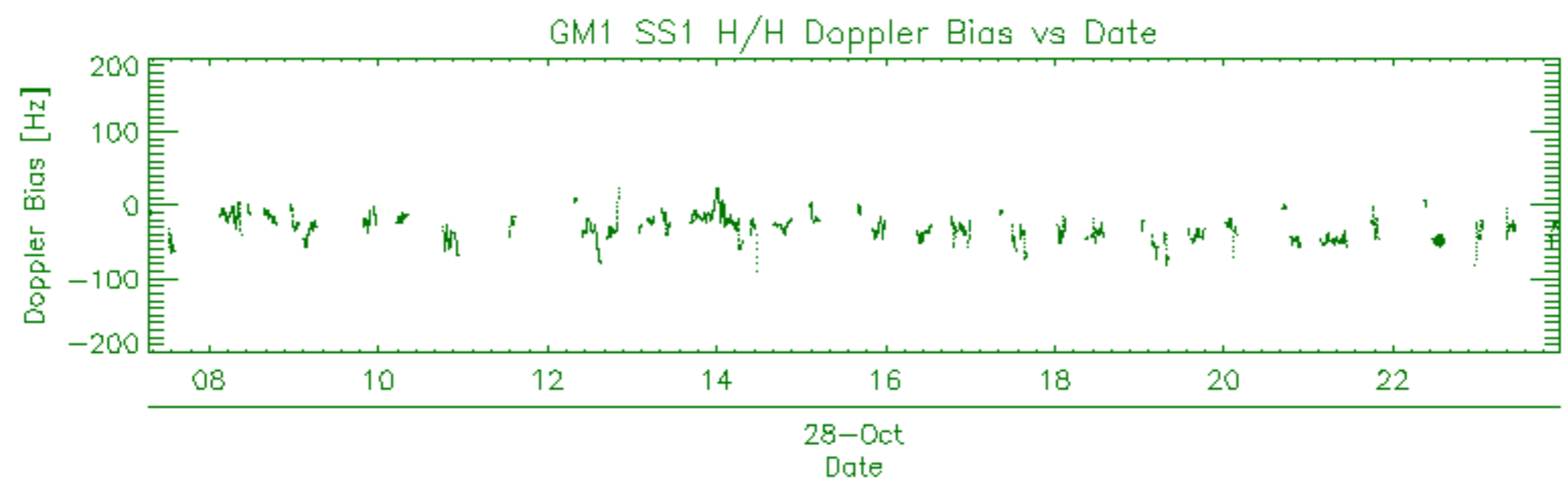
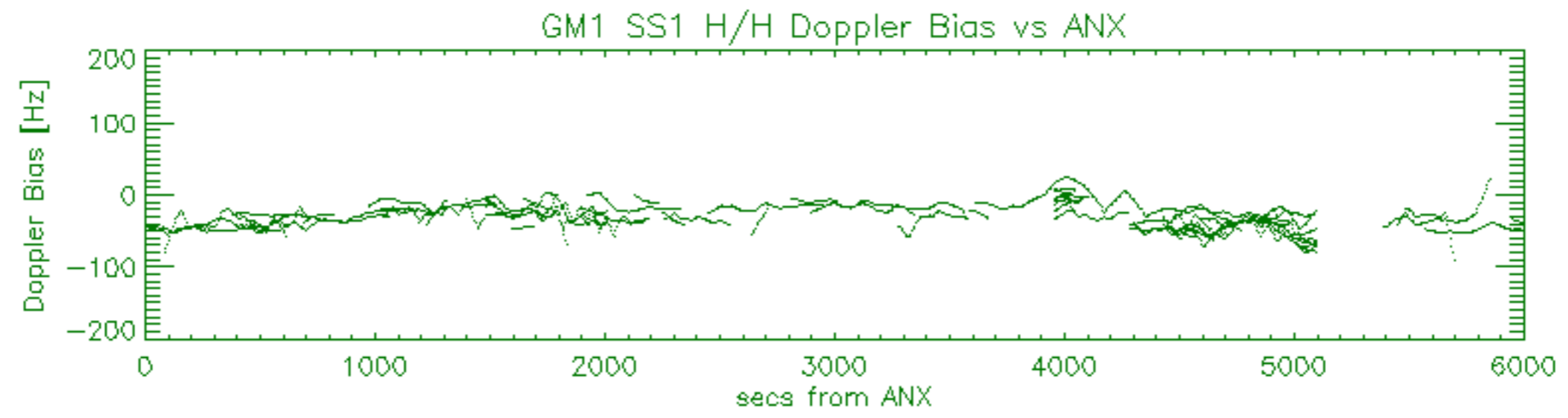
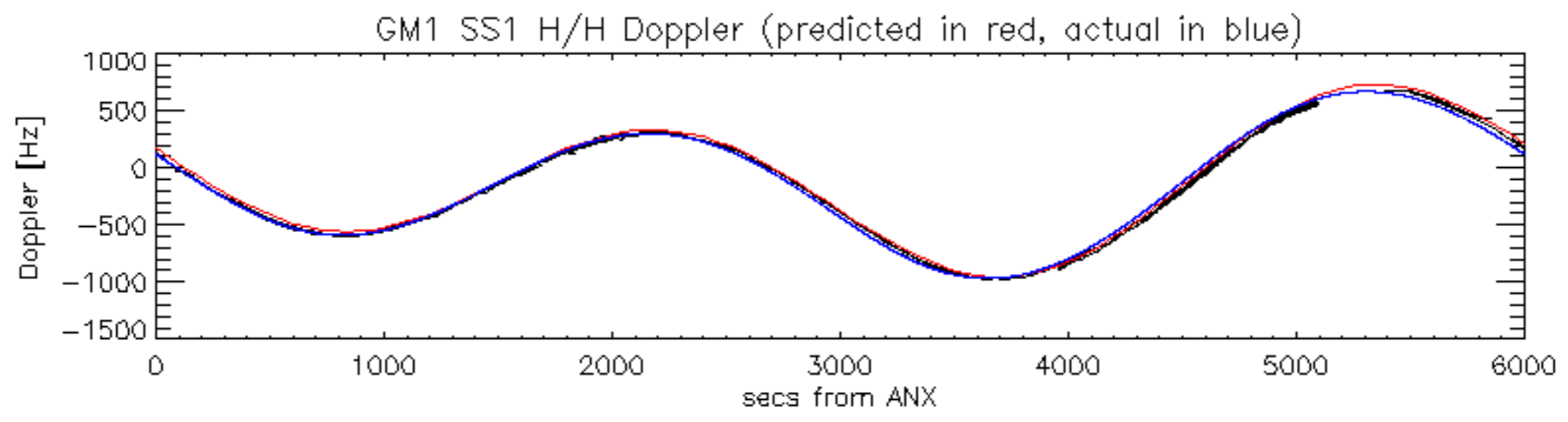
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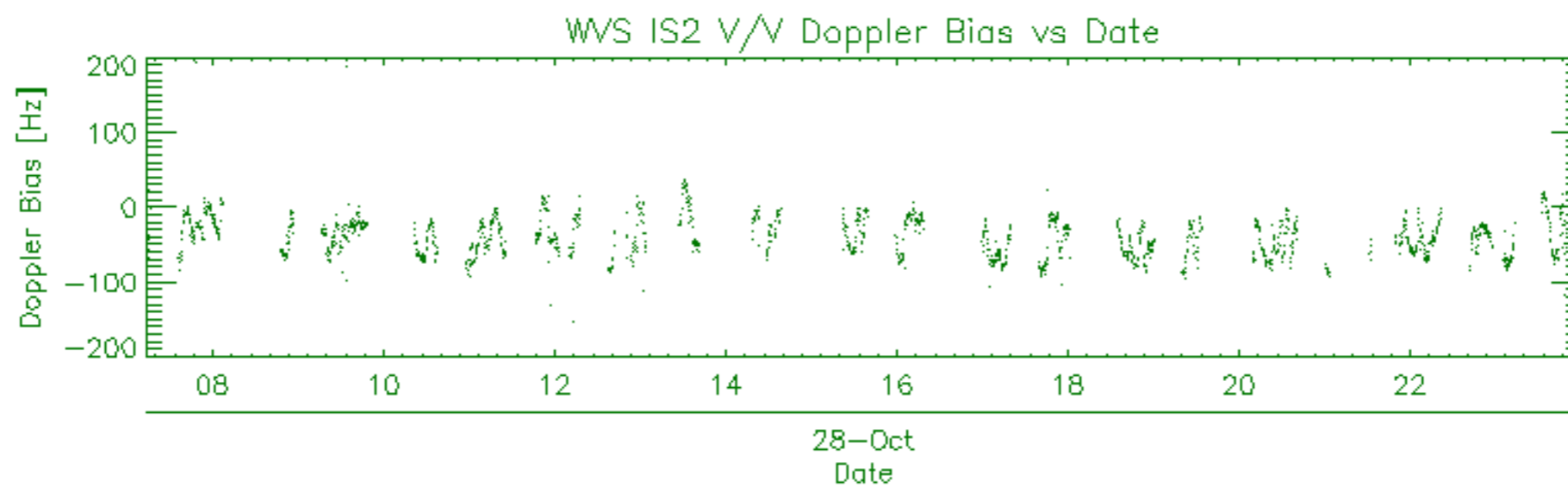
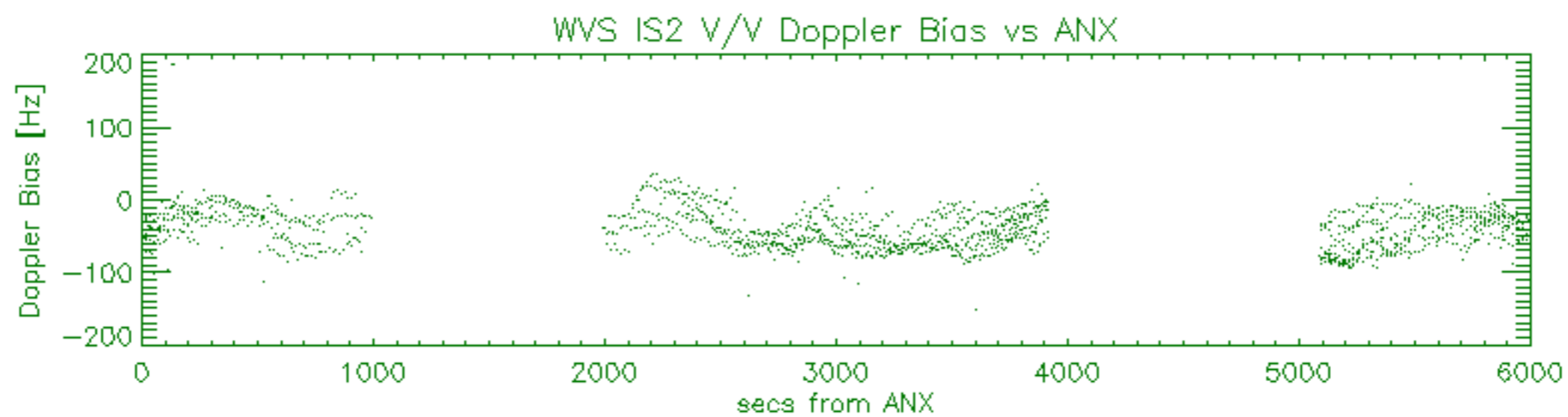
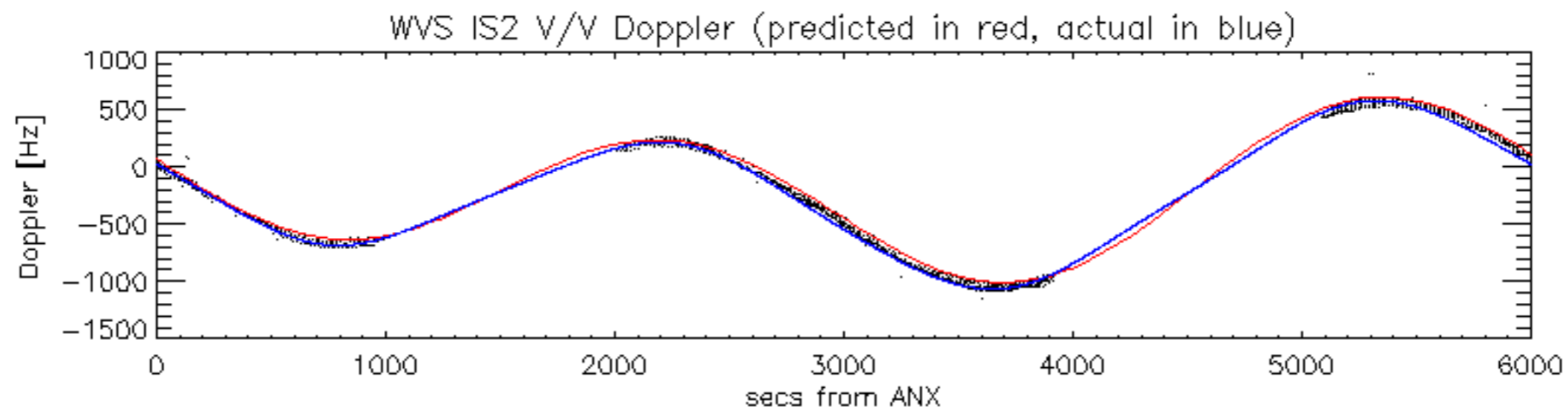


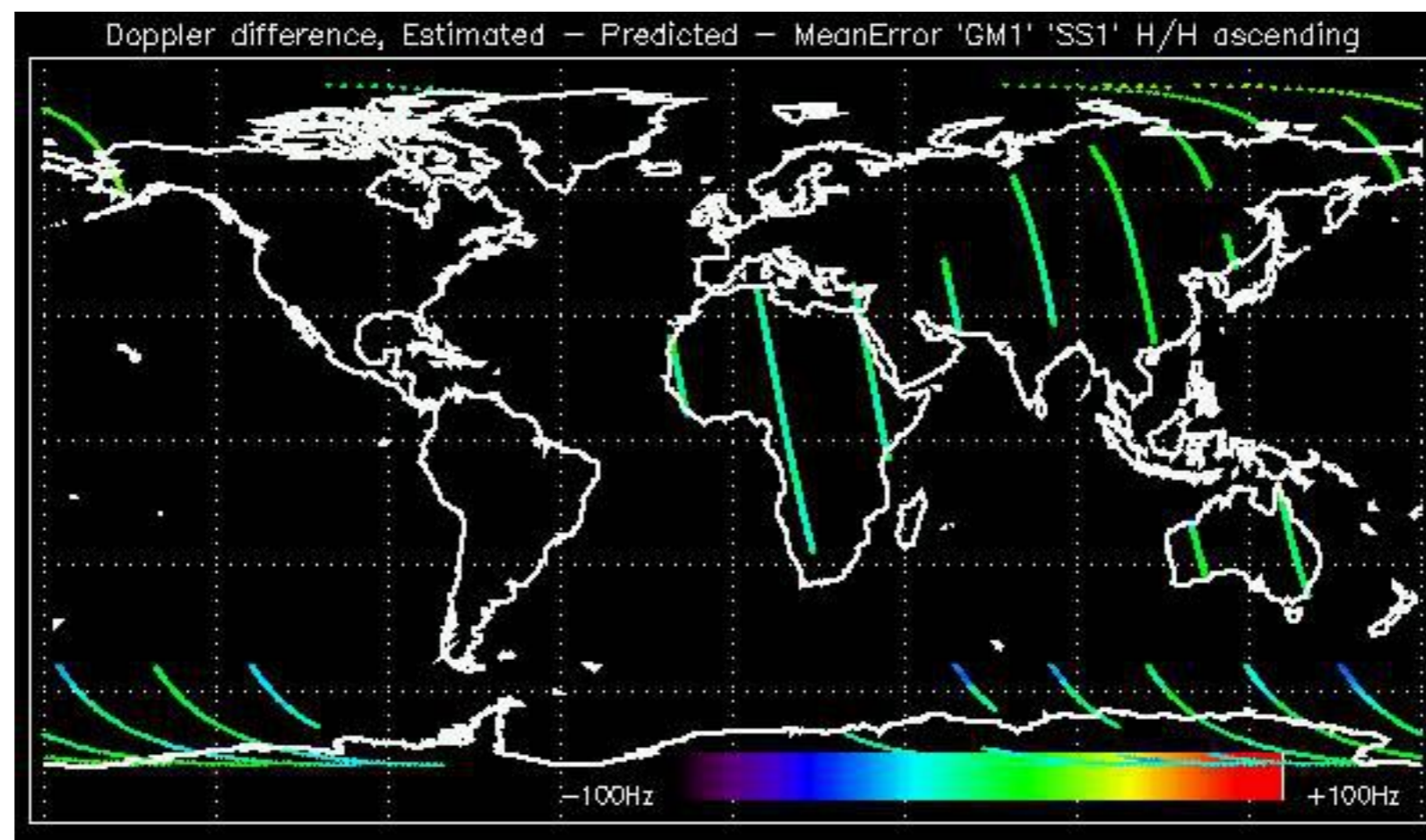


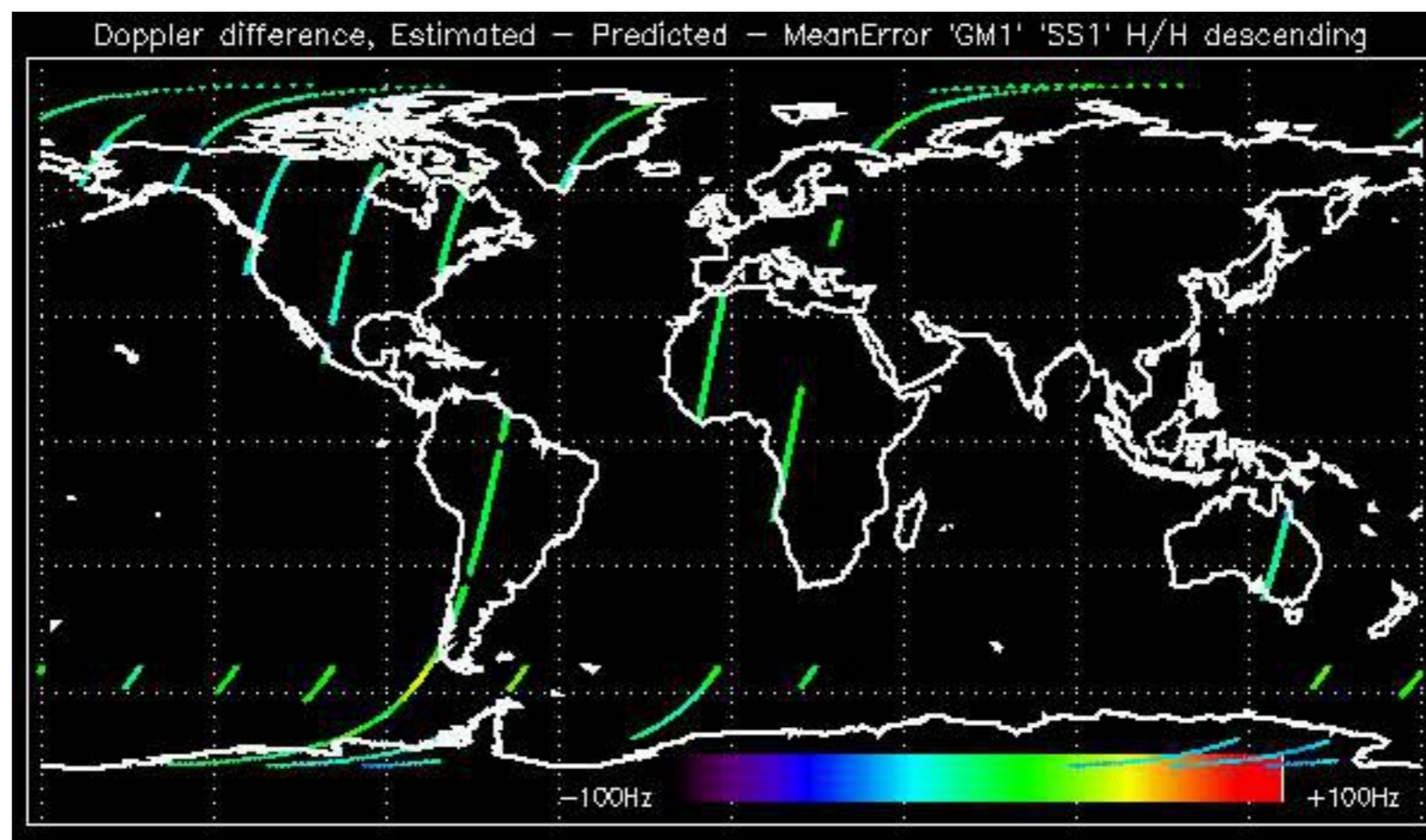


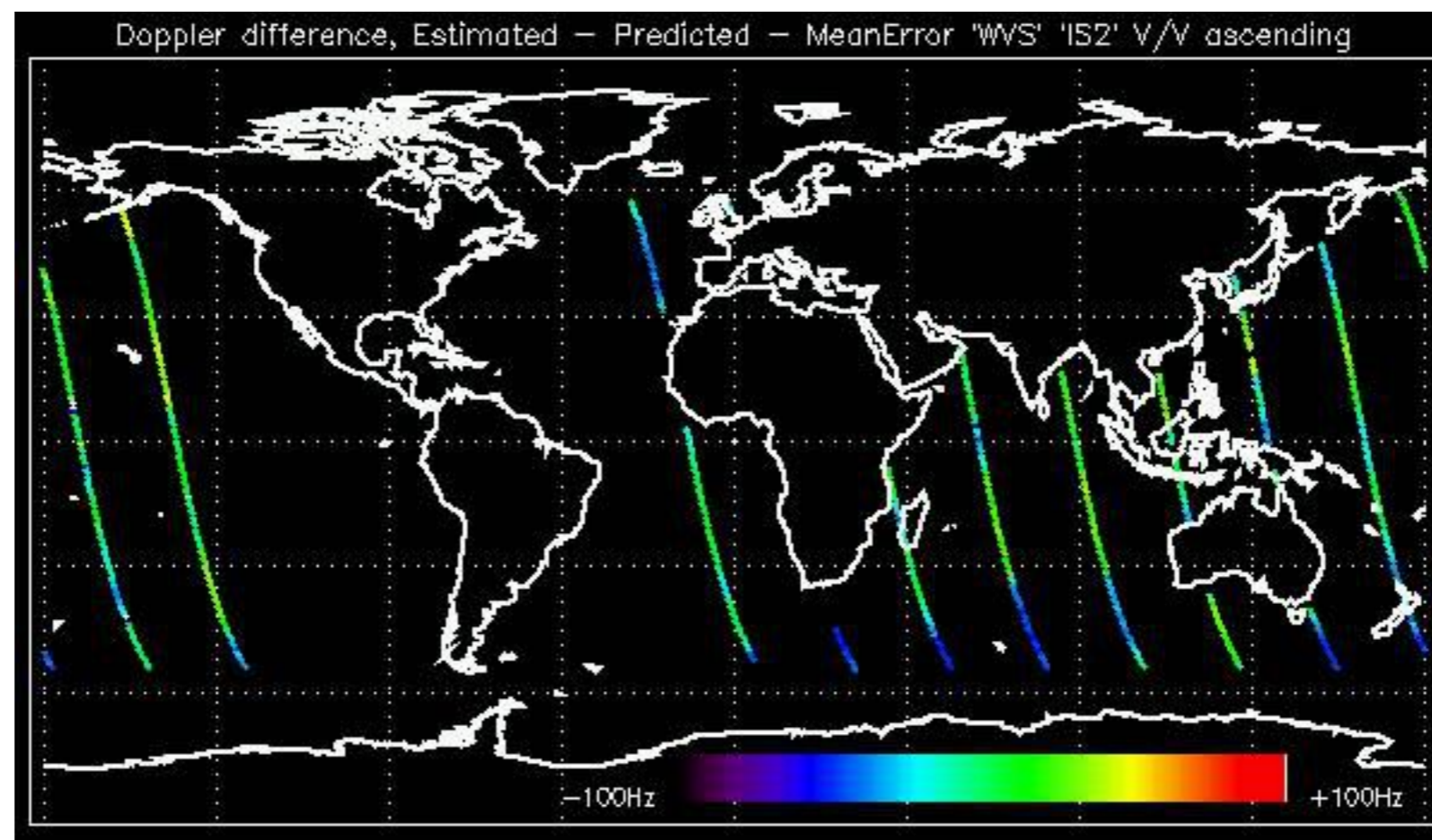


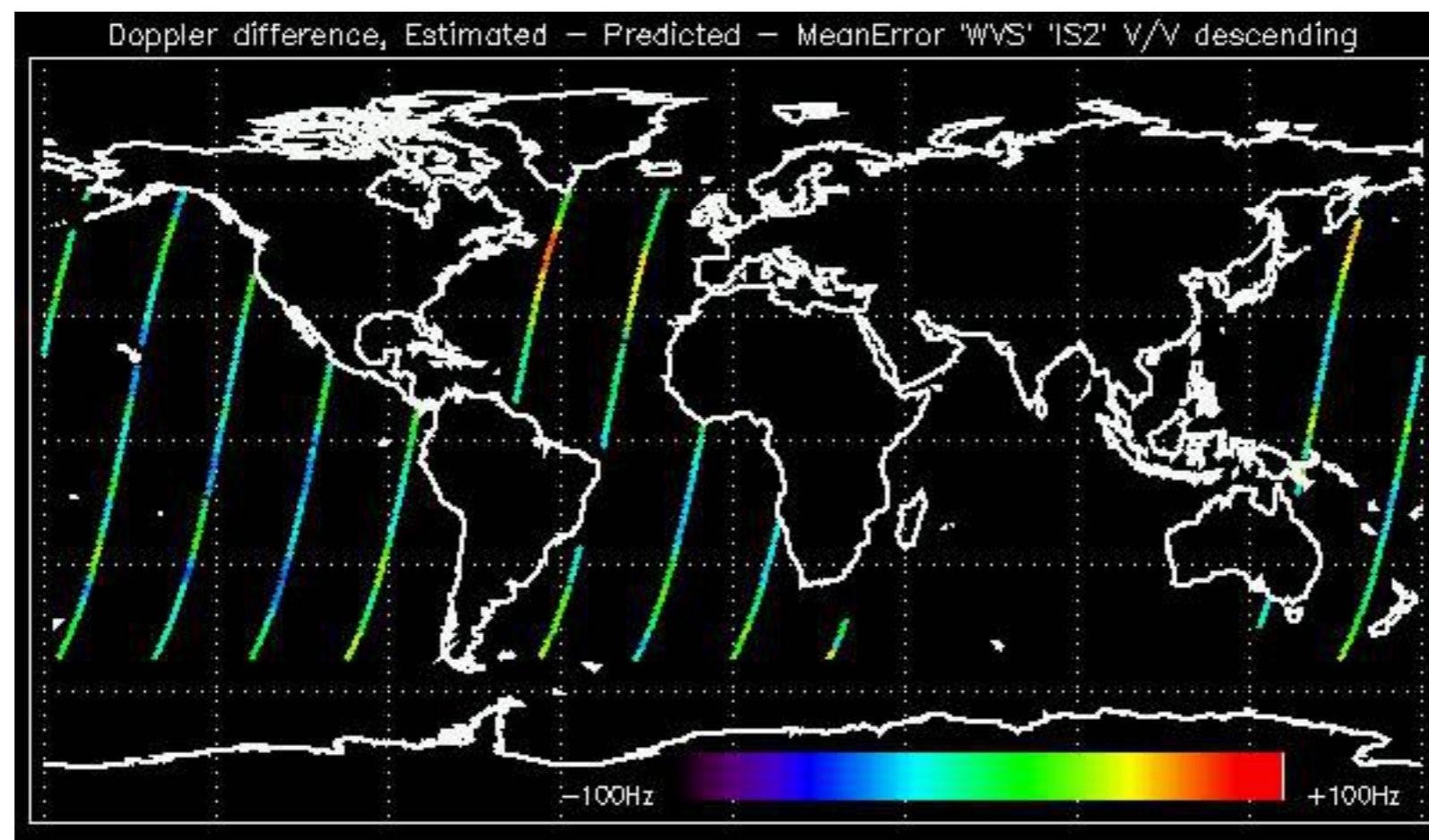


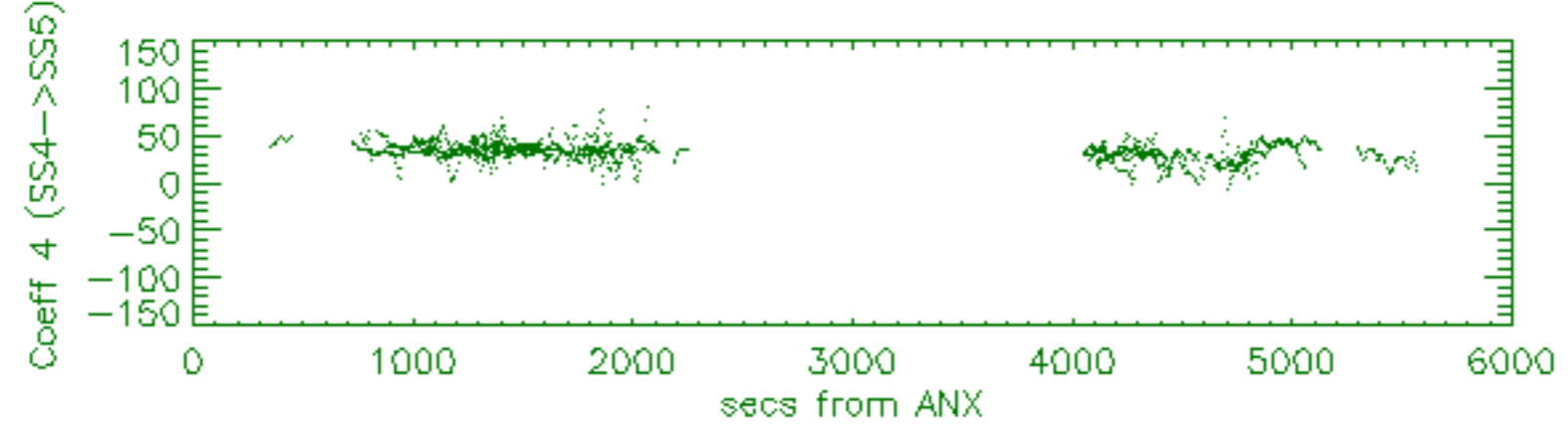
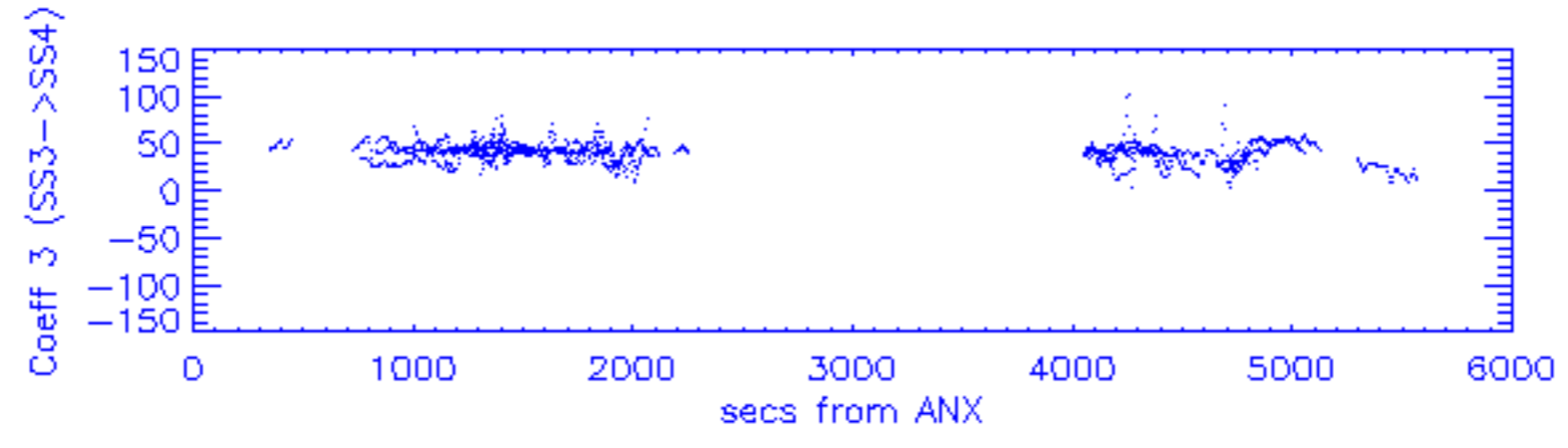
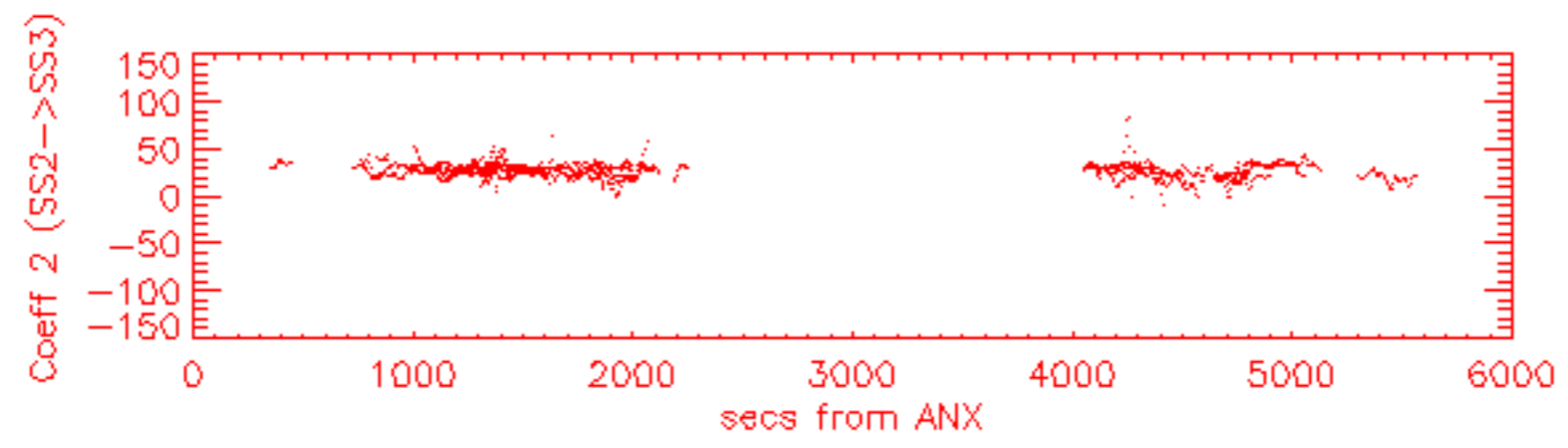
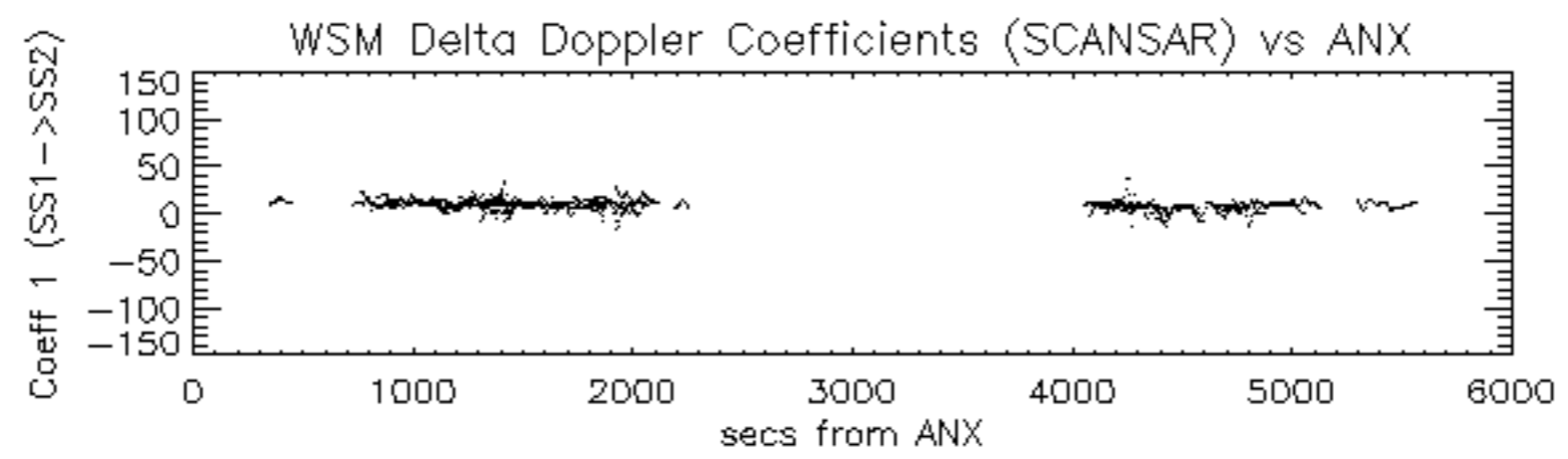


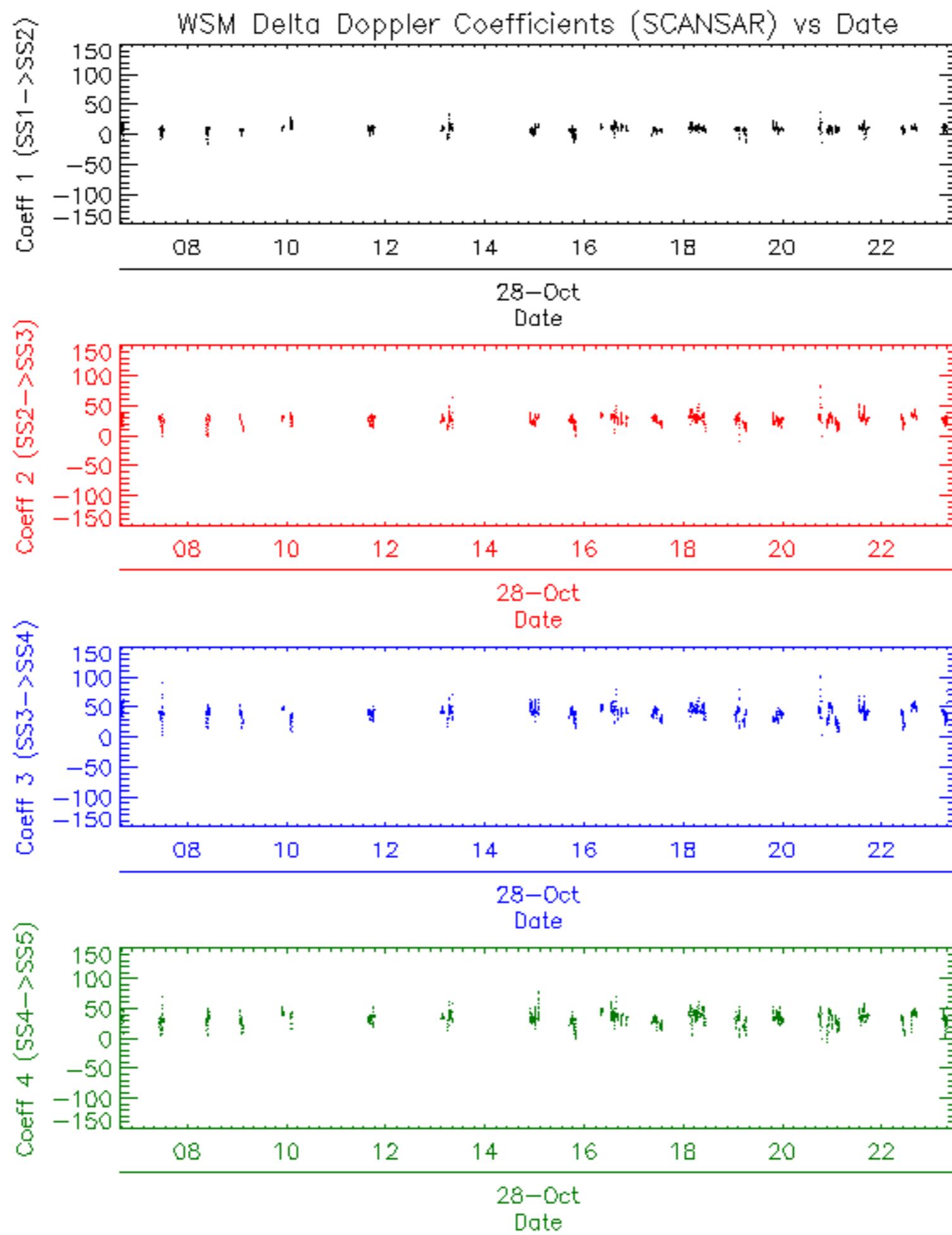


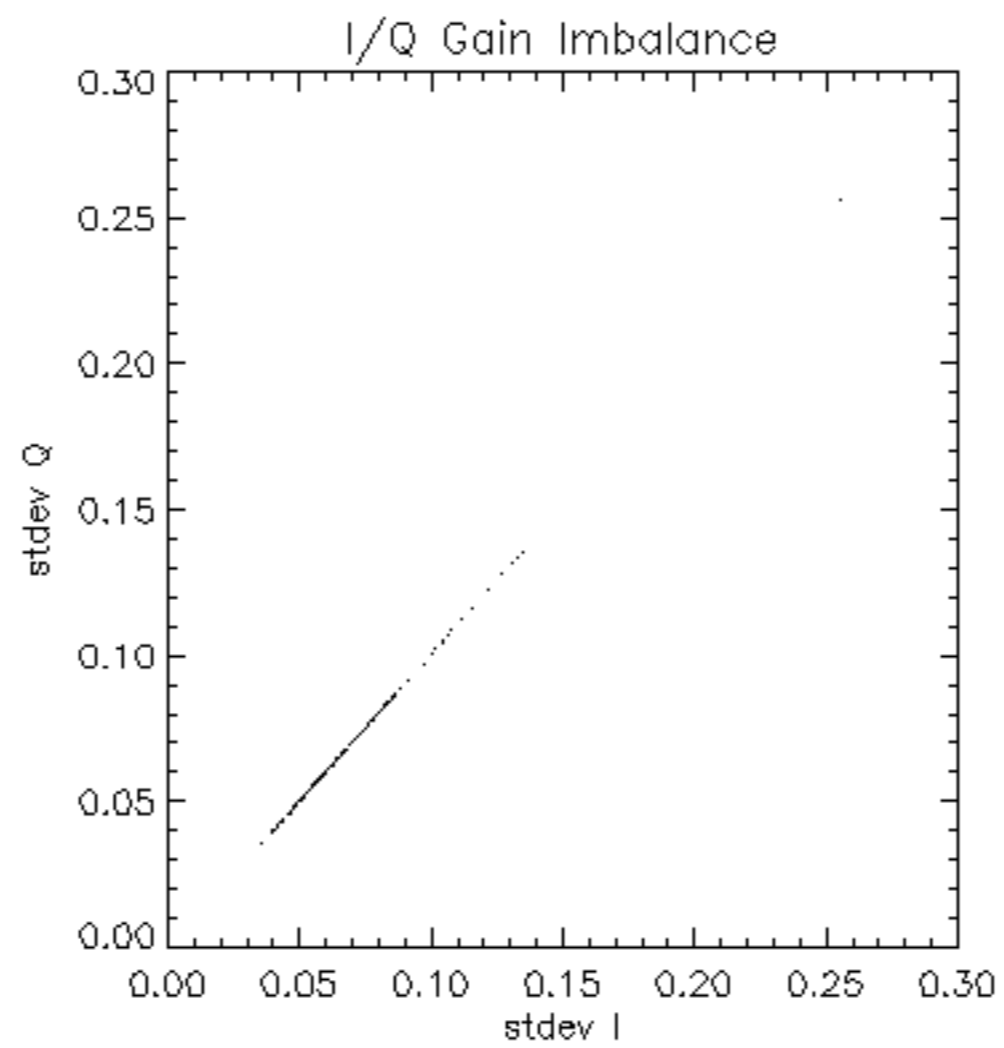


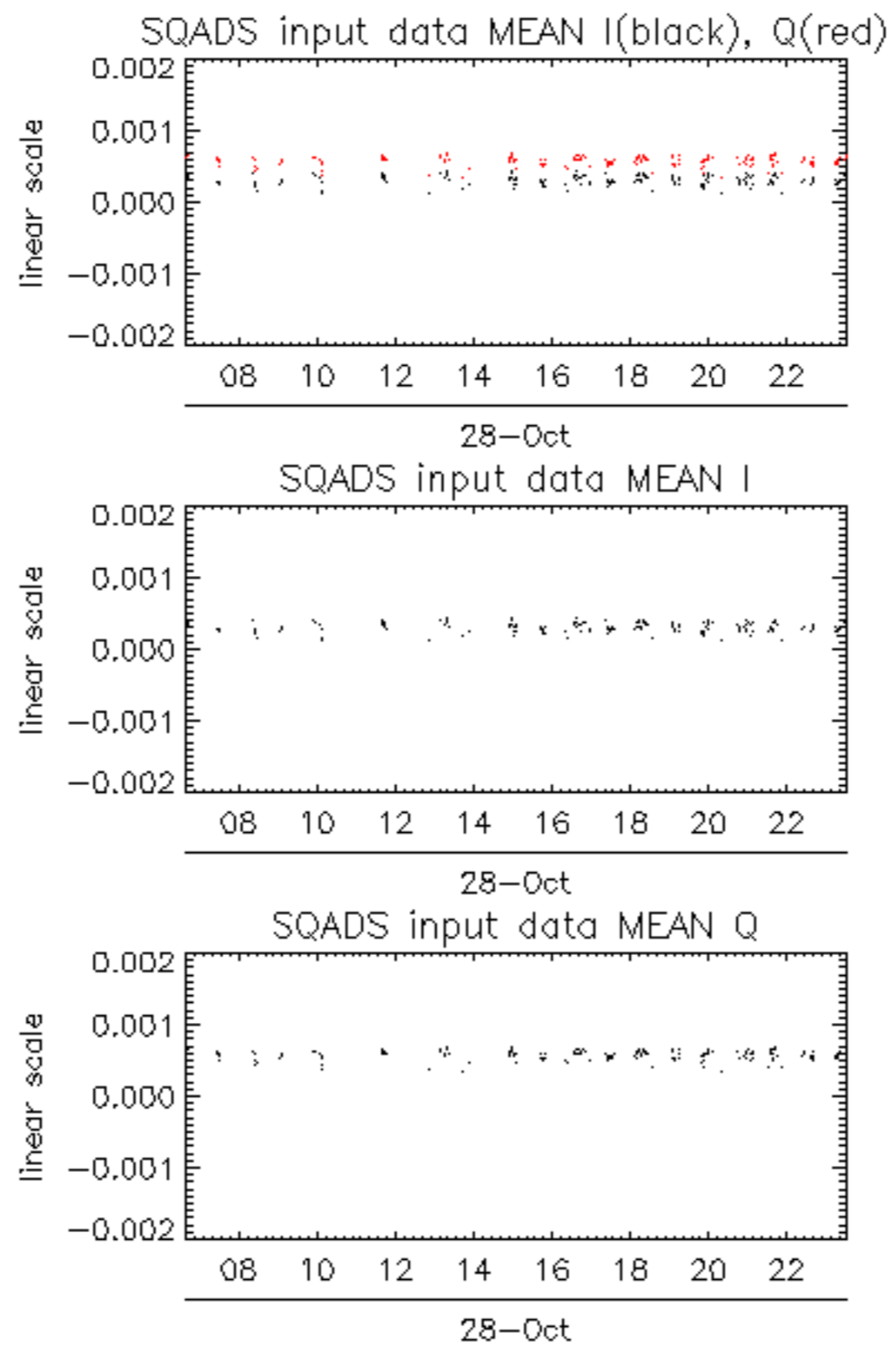


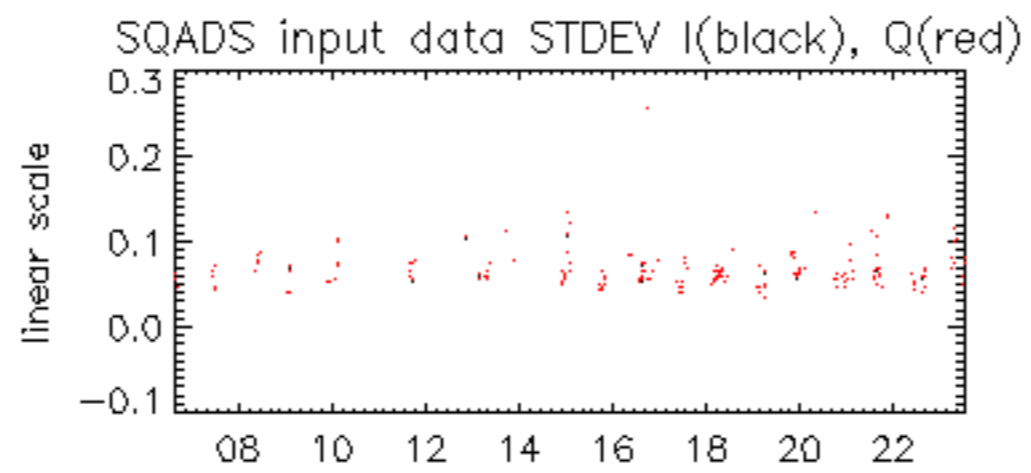




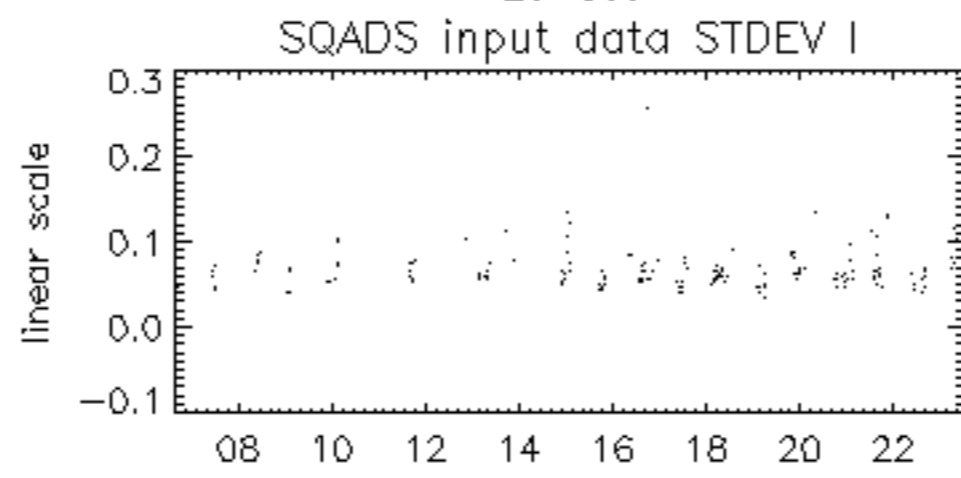




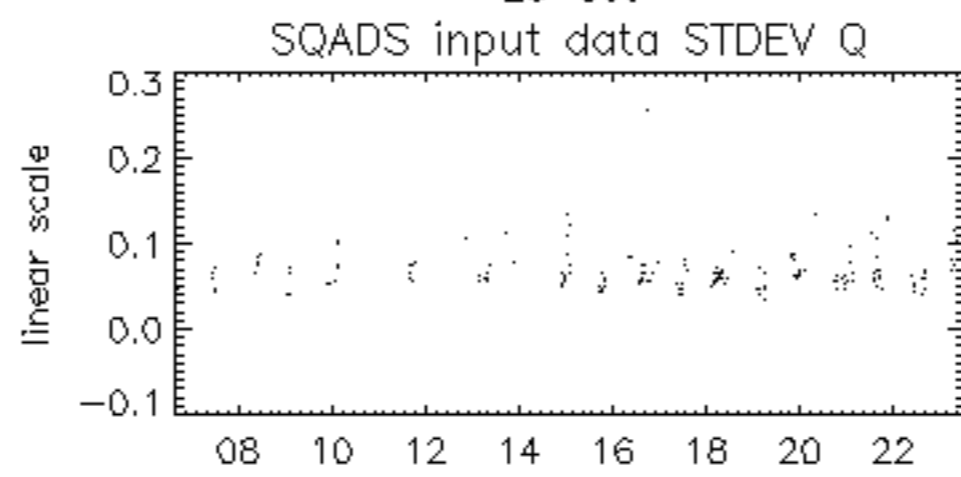




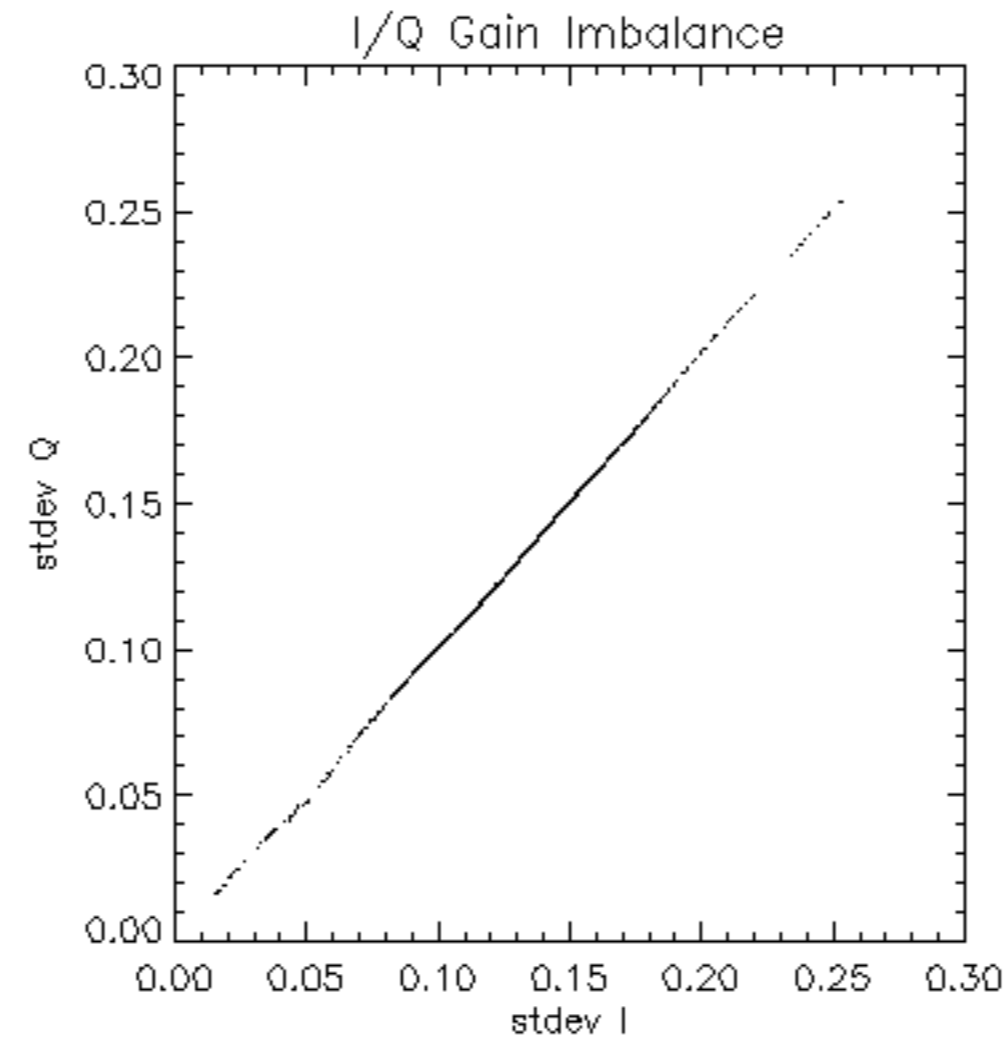
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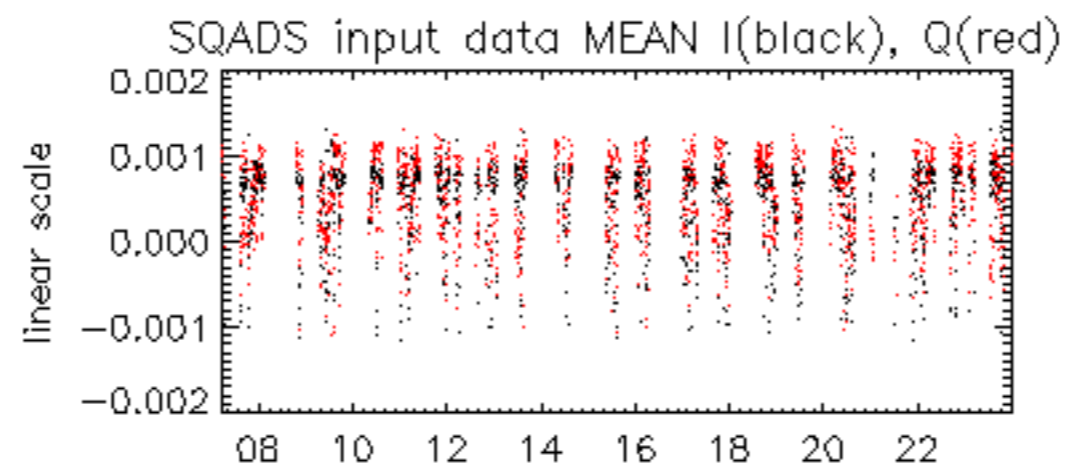


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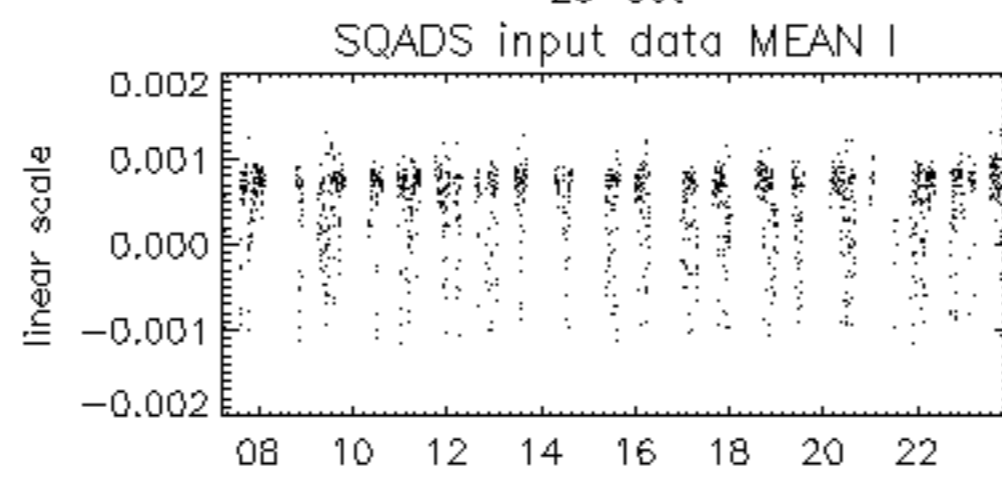


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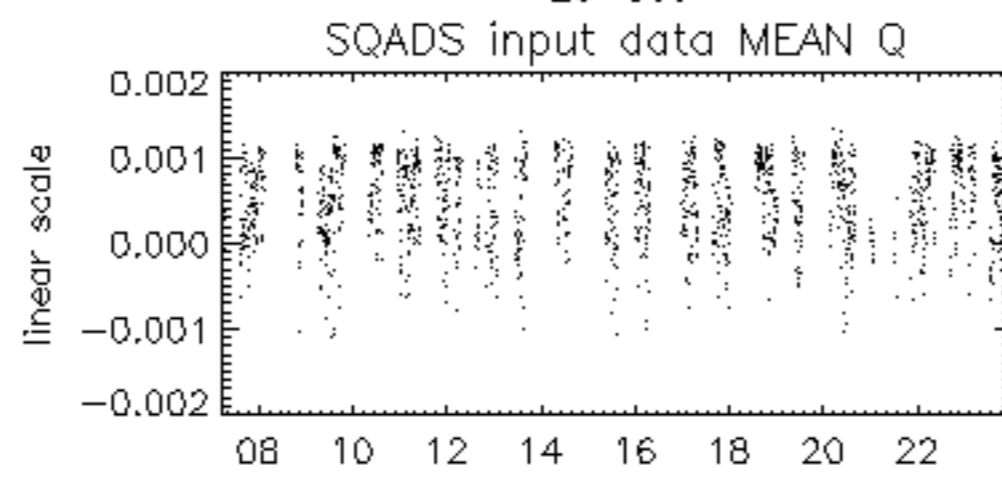




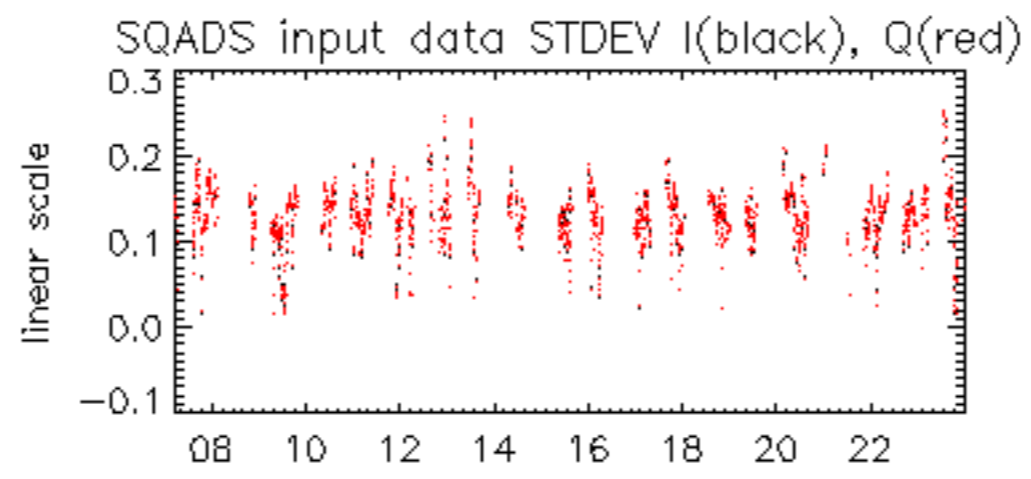
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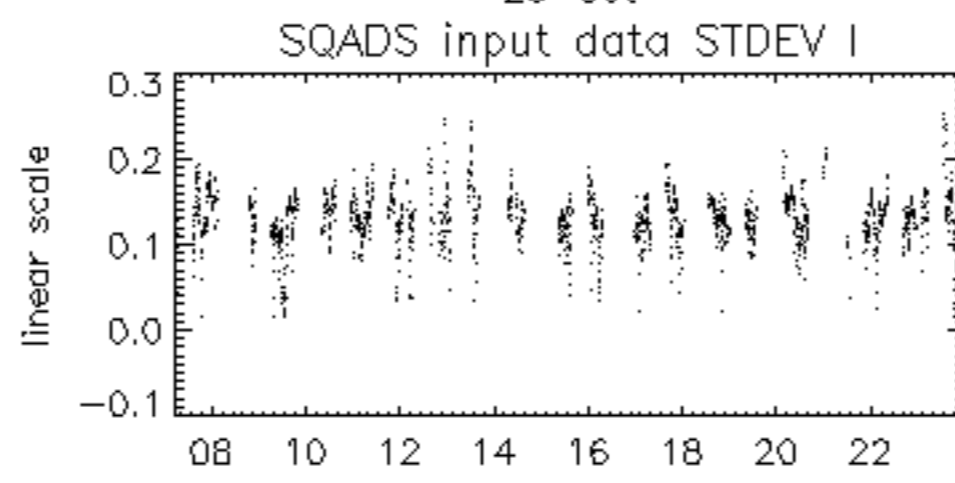
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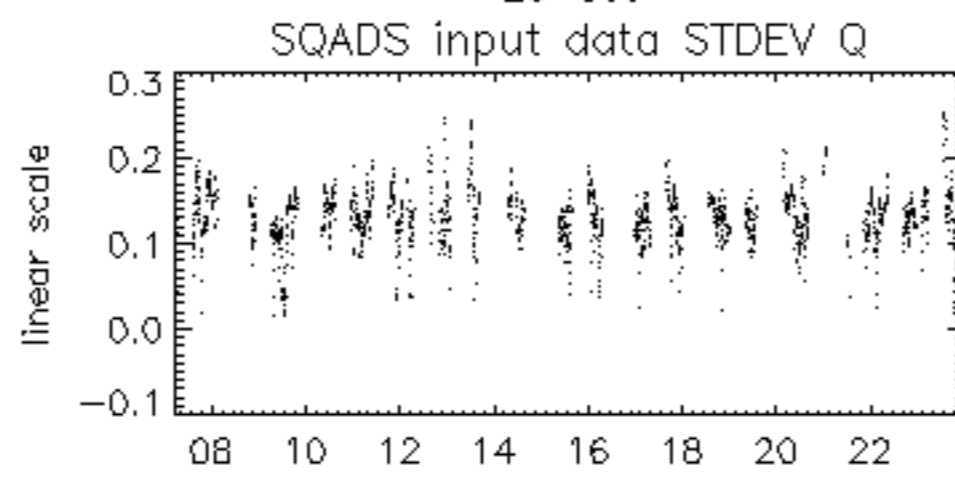
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