



Analysis from 03-DEC-2010 00:00:00 to 03-DEC-2010 23:59:59. Page generated on 04-DEC-2010 07:31:34.
View log file: ASAR_Daily_Report_20101204_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@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
PDK	IS2	H/H	1	PDE	WS	H/H	30	PDE	IS4	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	26	PDE	2010-12-03 20:28:48	V	320
PDK	IS4	H/H	1	PDK	WS	H/H	41					PDE	IS2	H/H	1	PDE	WS	V/V	6	PDK	2010-12-03 18:48:34	H	320
												PDE	IS2	V/V	1	PDK	WS	H/H	11				
												PDE	IS4	H/H	1	PDK	WS	V/V	4				
												PDE	IS6	H/H	3								
												PDK	IS3	H/H	1								
												PDK	IS6	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_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20101028_095209_20101022_000000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

2.2 - Products with wrong ADFs

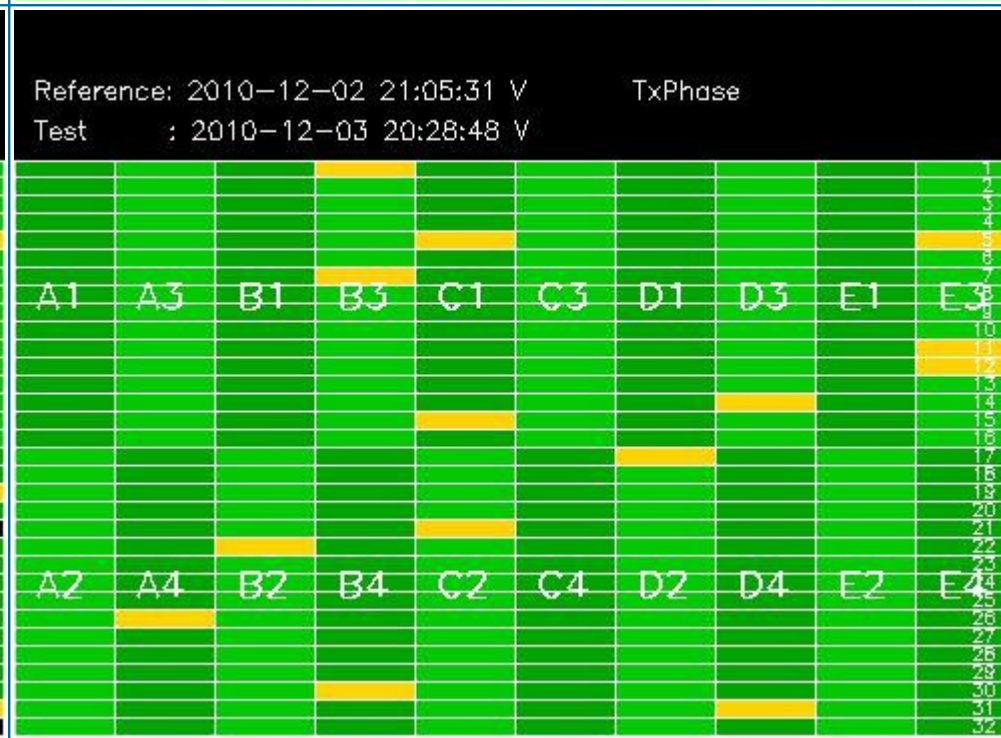
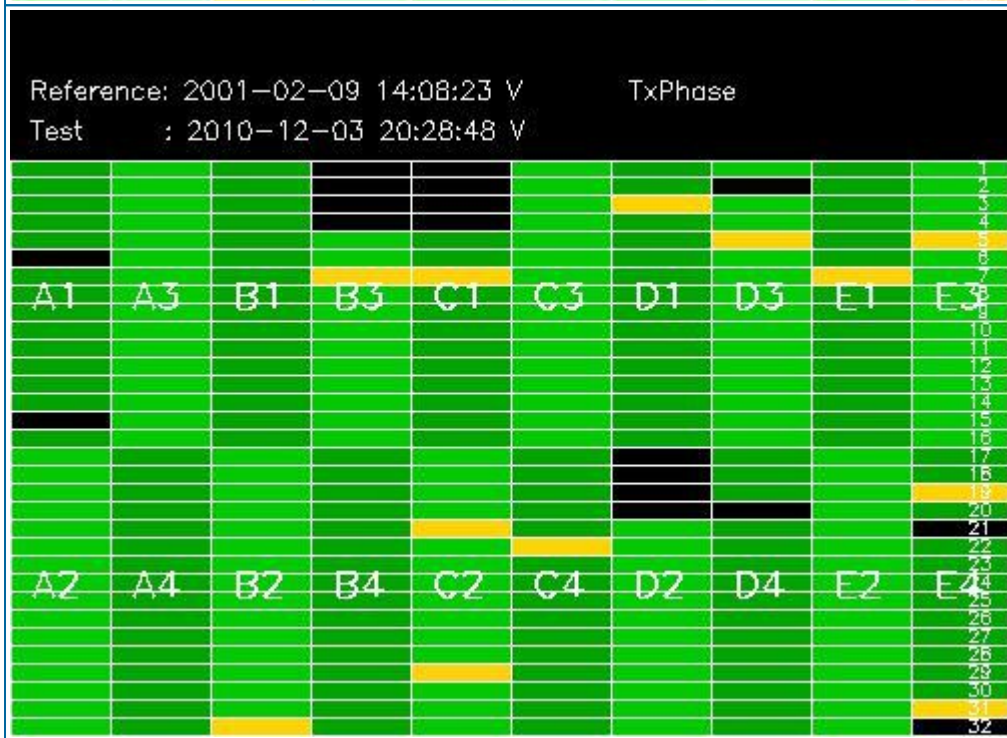
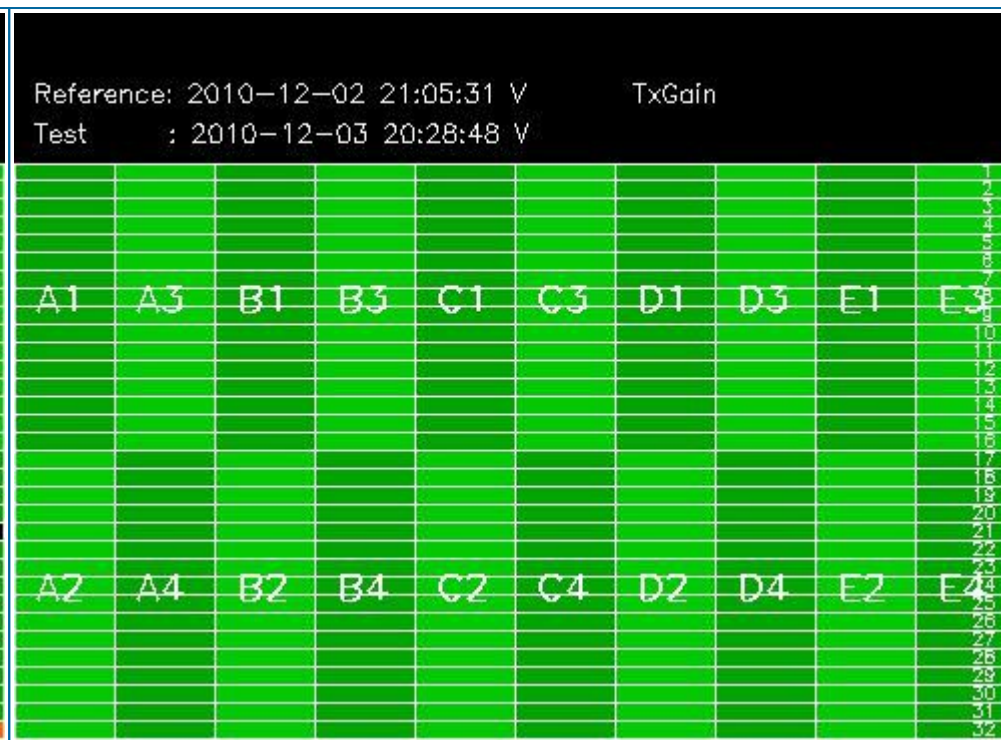
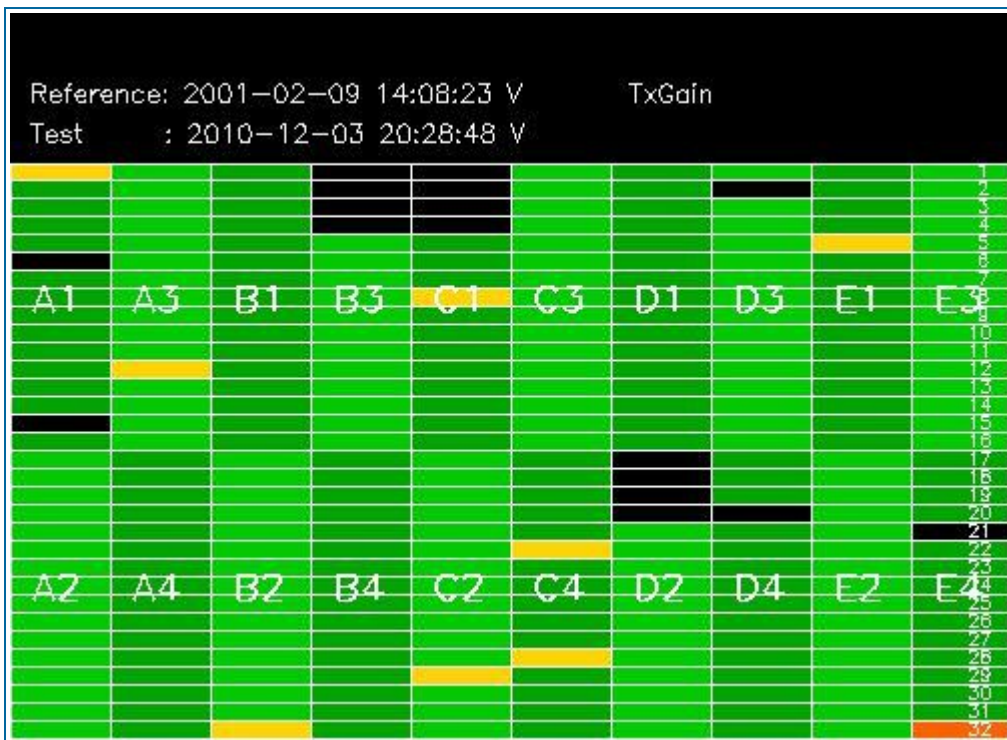
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

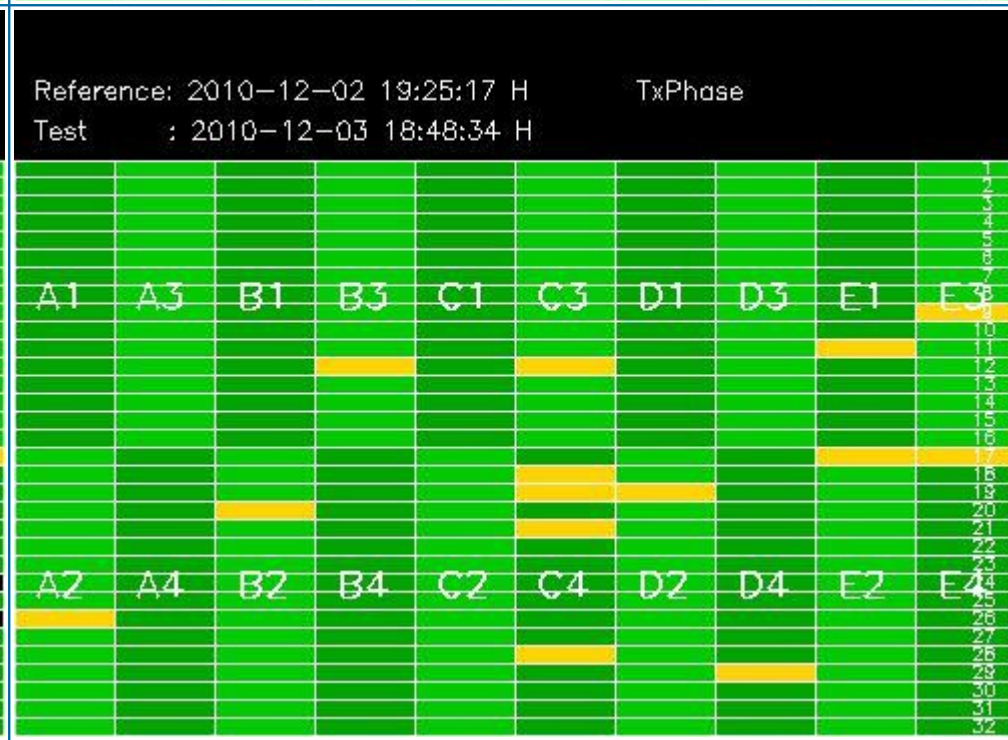
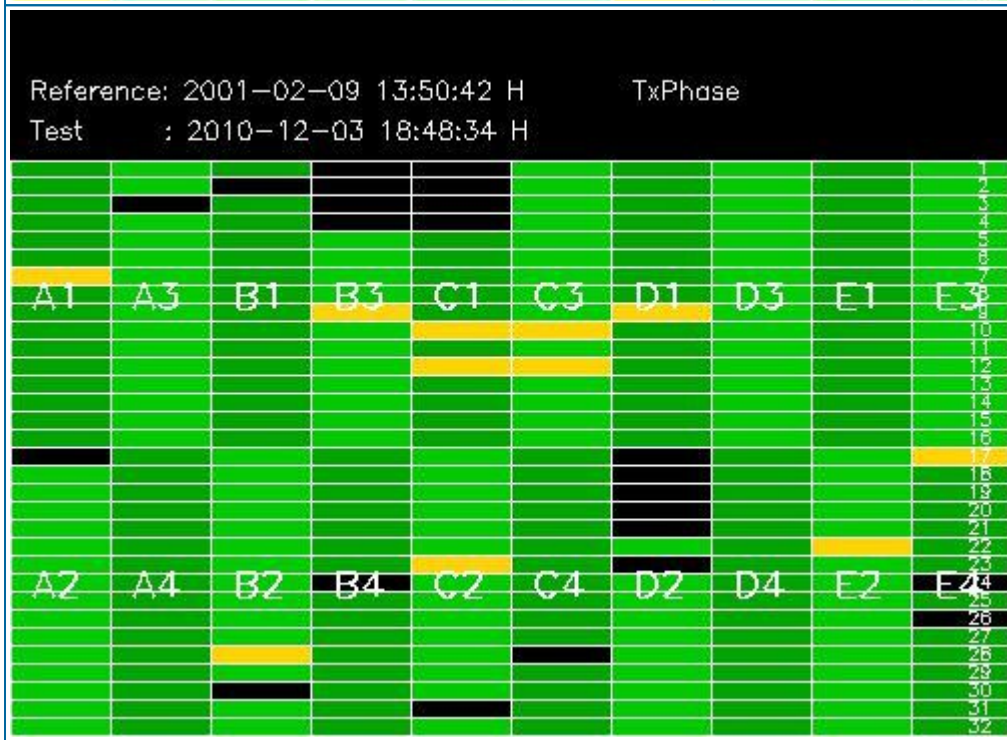
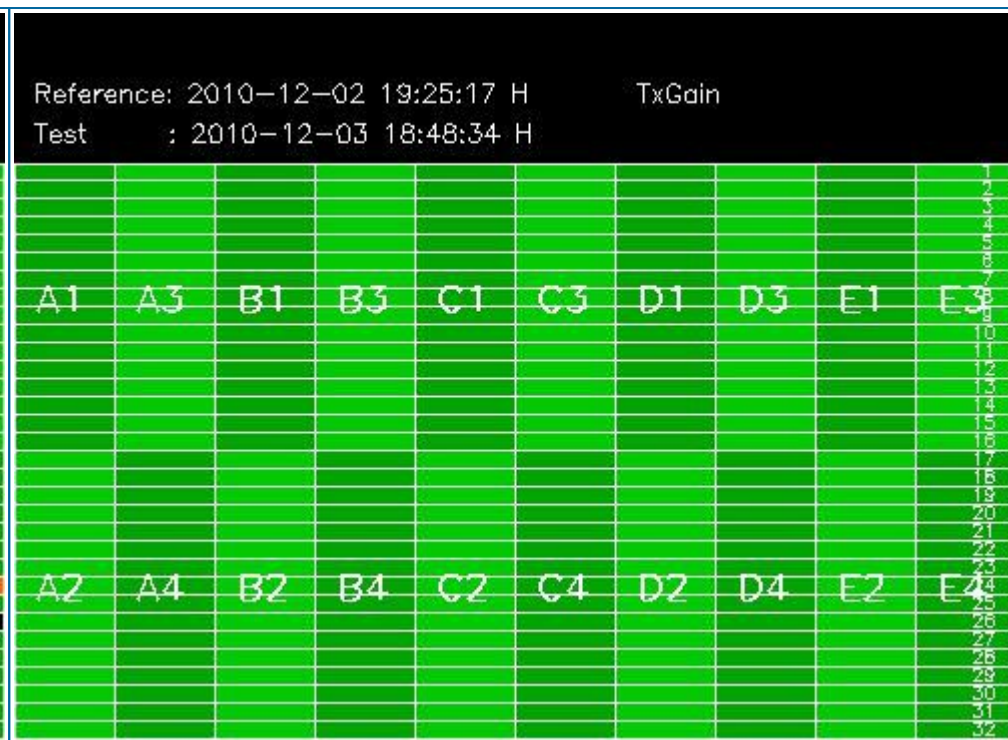
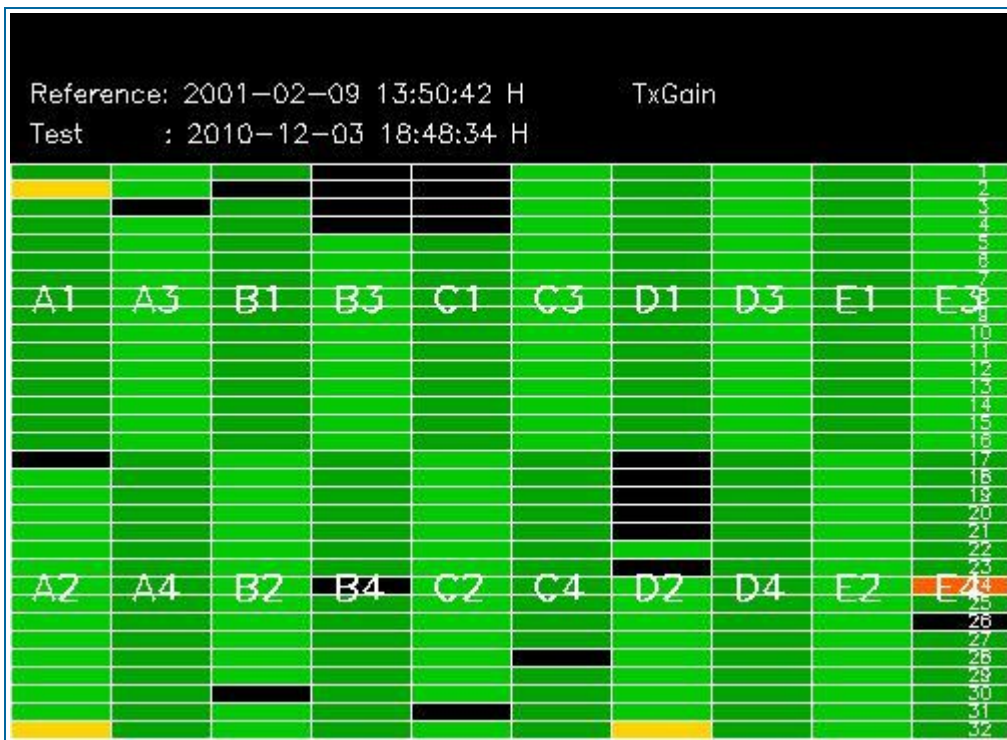




3.2 - H/H polarisation

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



4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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



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



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

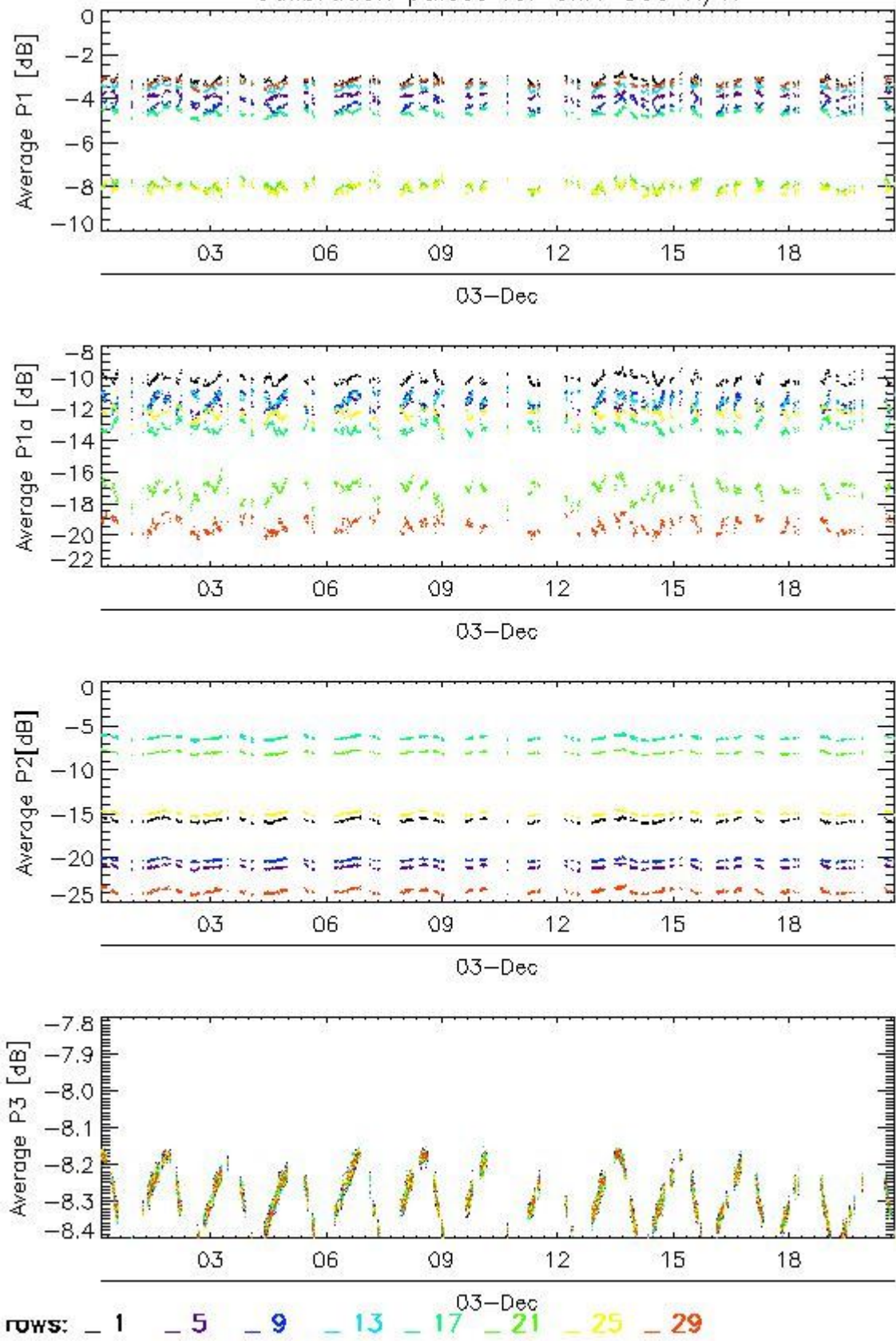
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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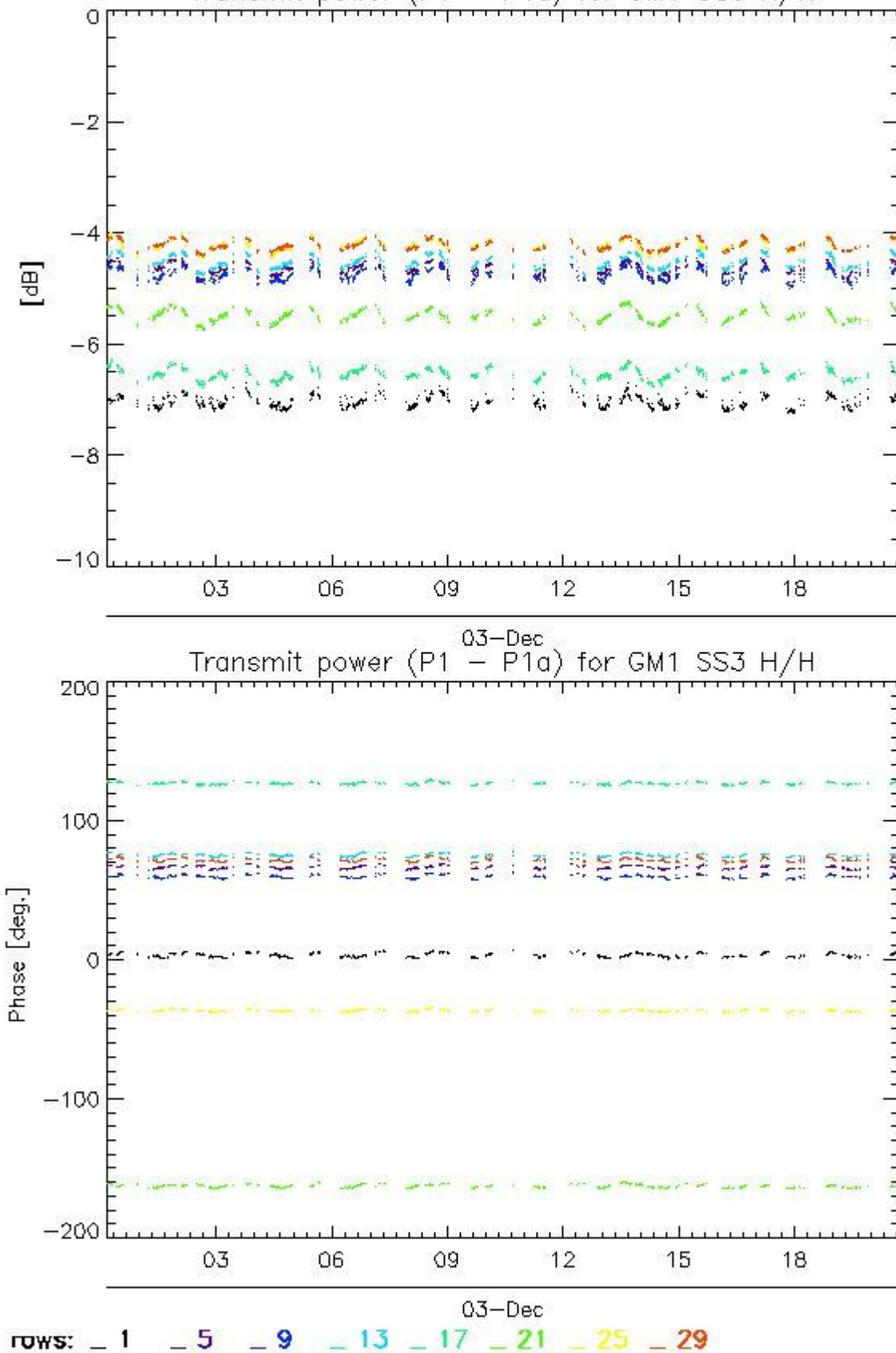
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

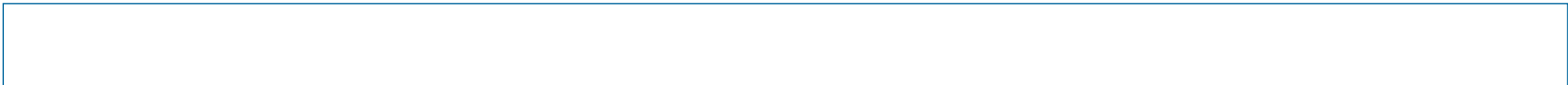


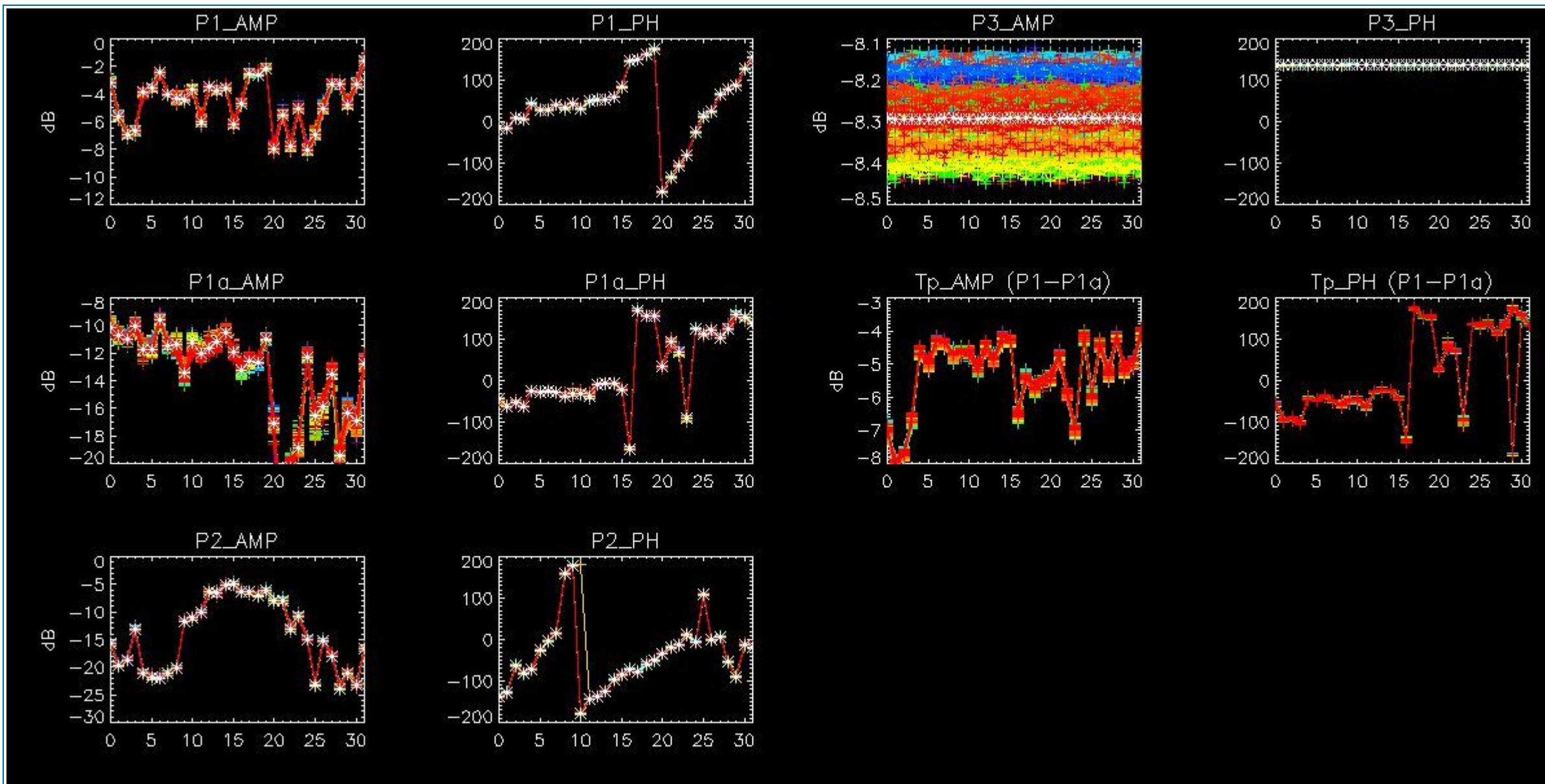
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

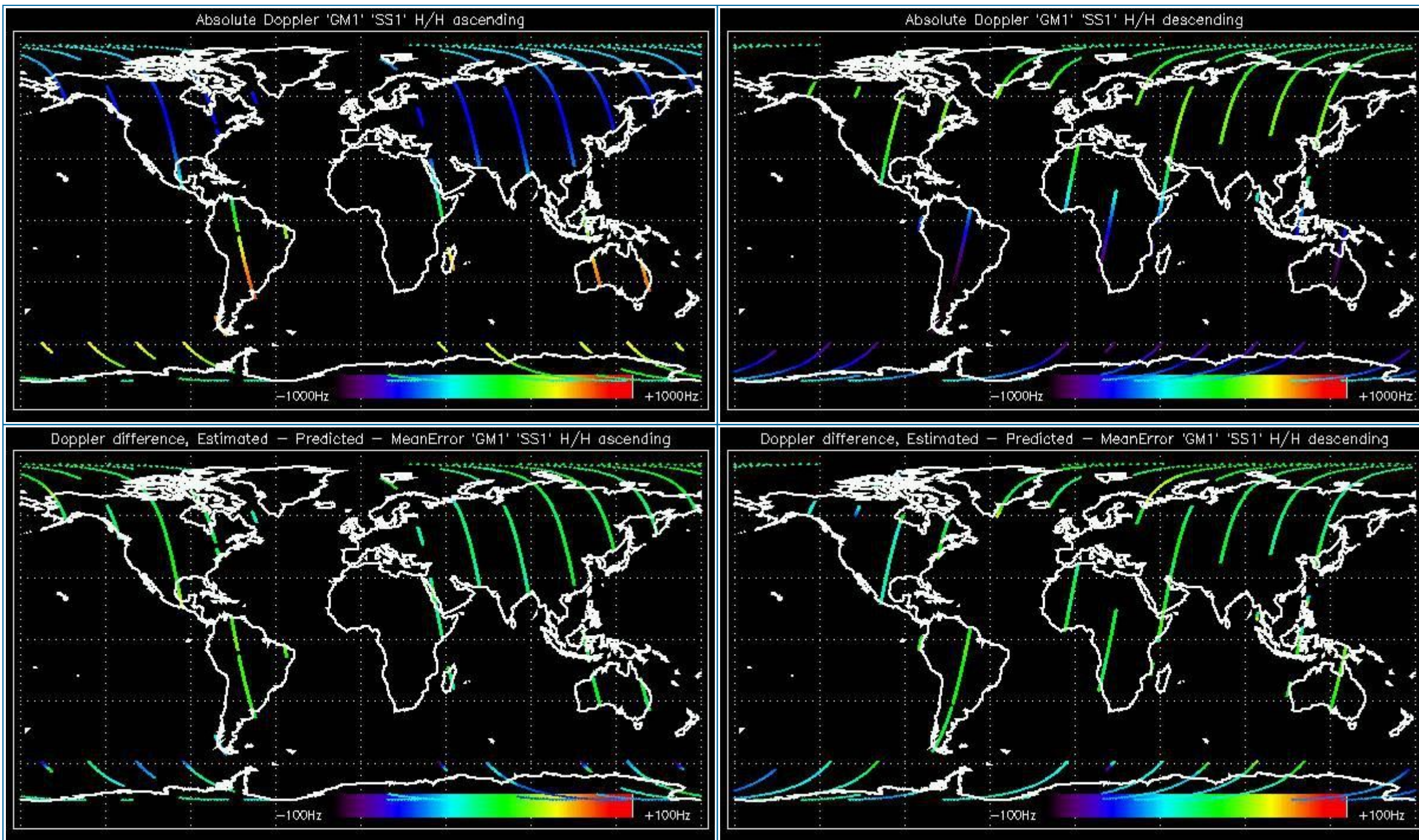
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5.2 - Analysis for GM1 SS1 H/H

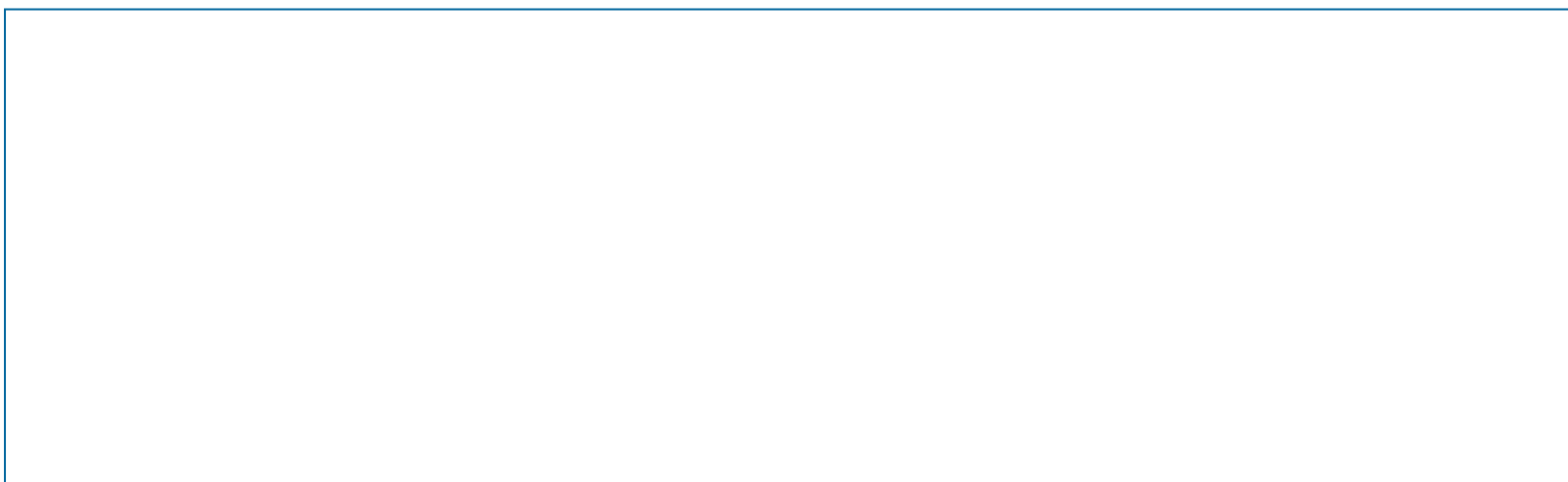
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

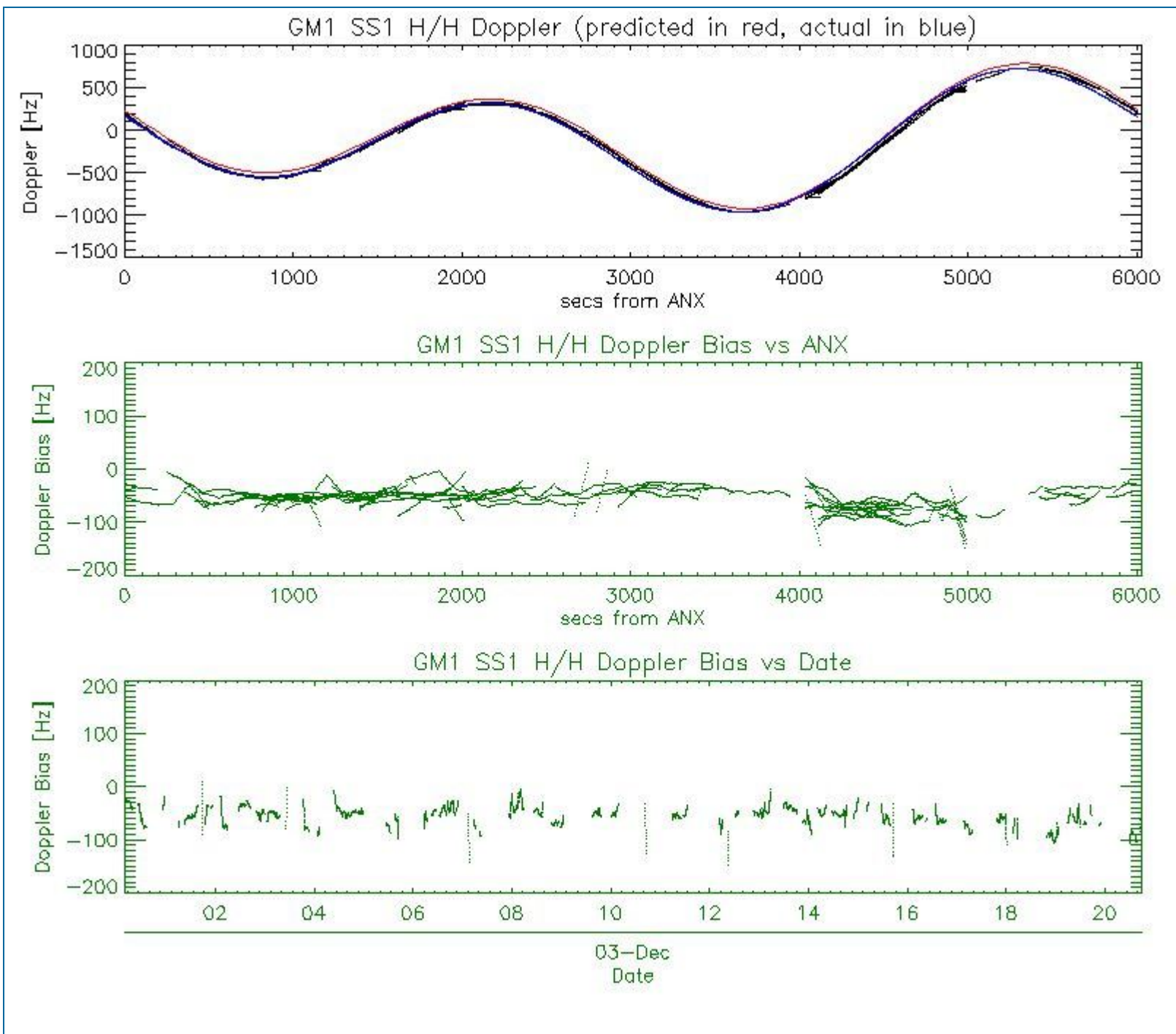
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5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

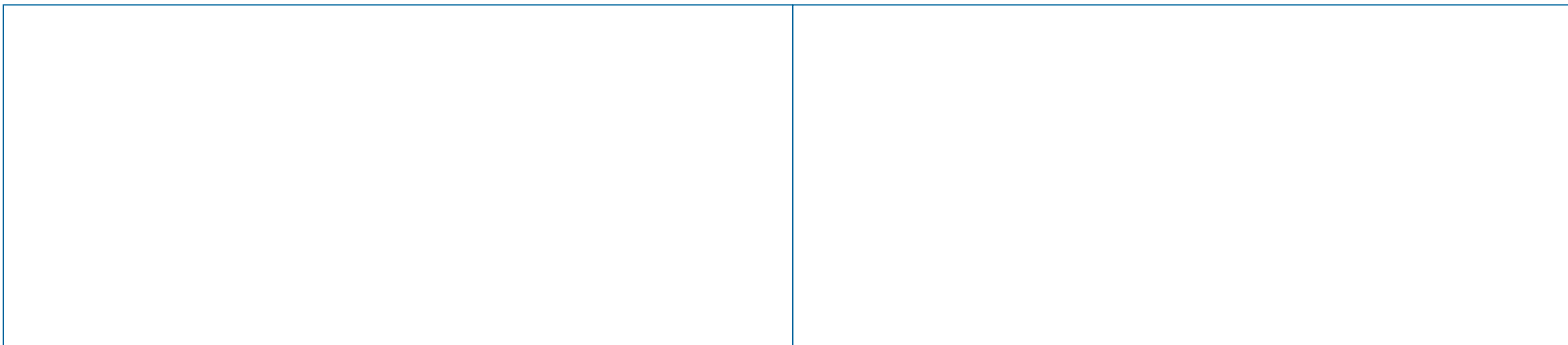
[[BACK TO MENU](#)]

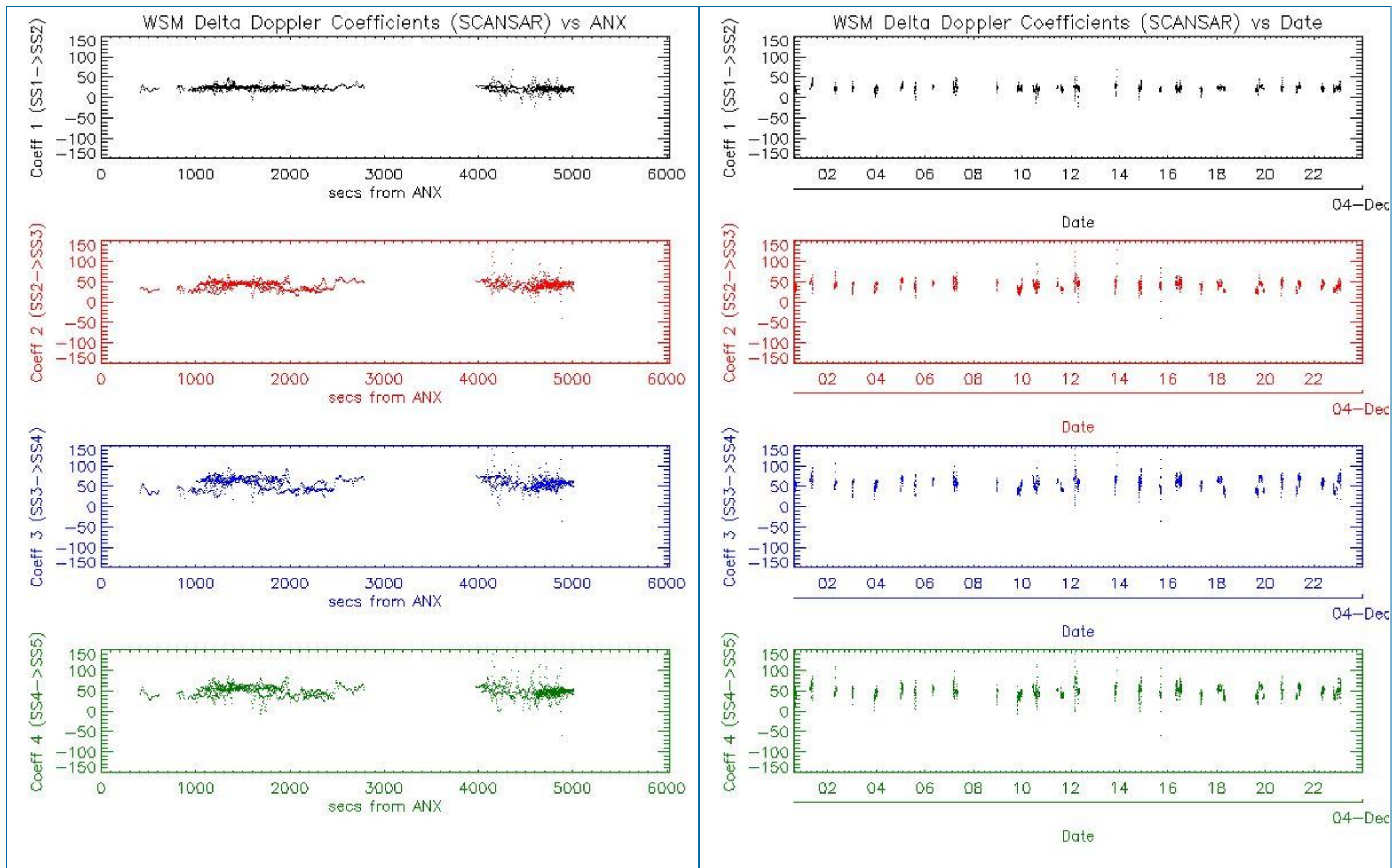




5.3 - Doppler JUMPS Analysis for WSM

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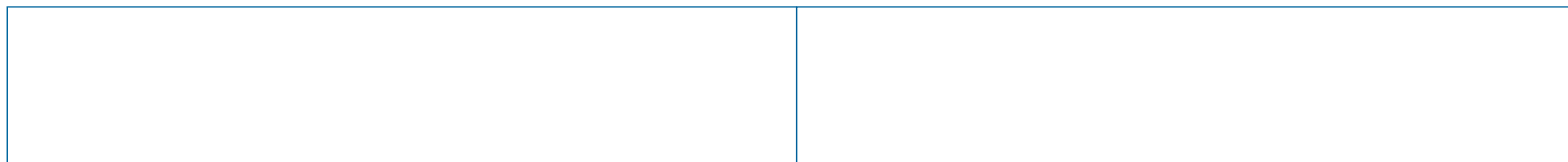


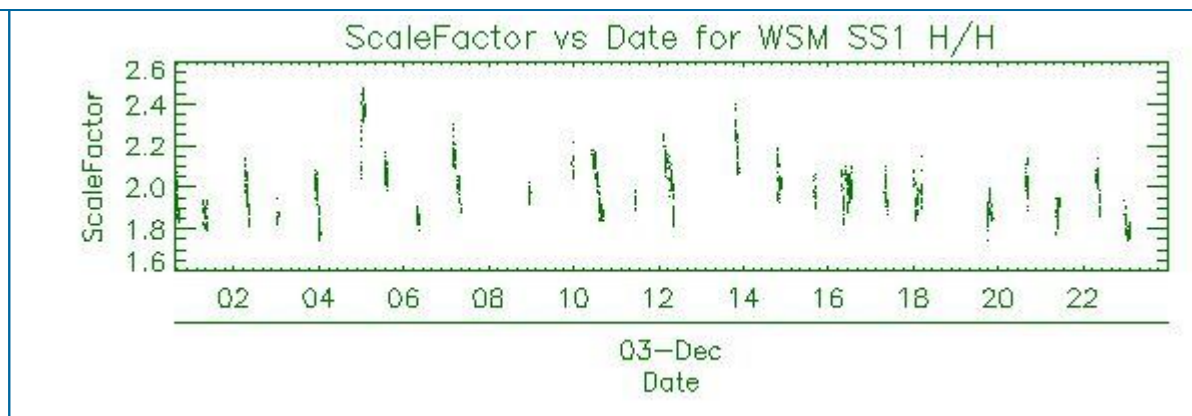
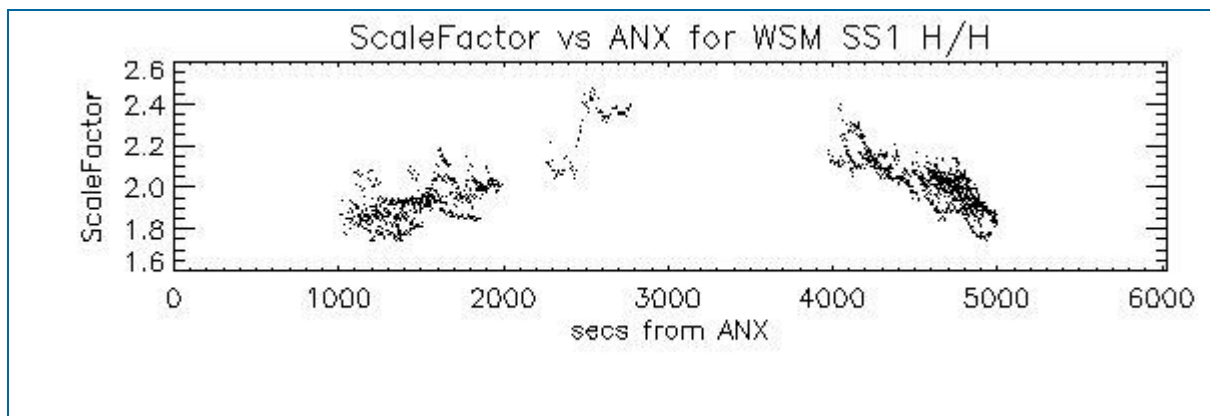
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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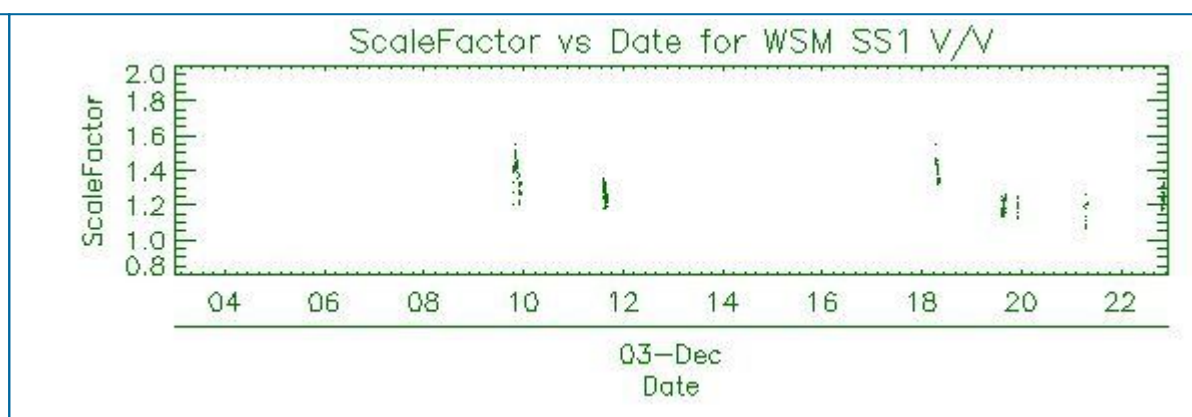
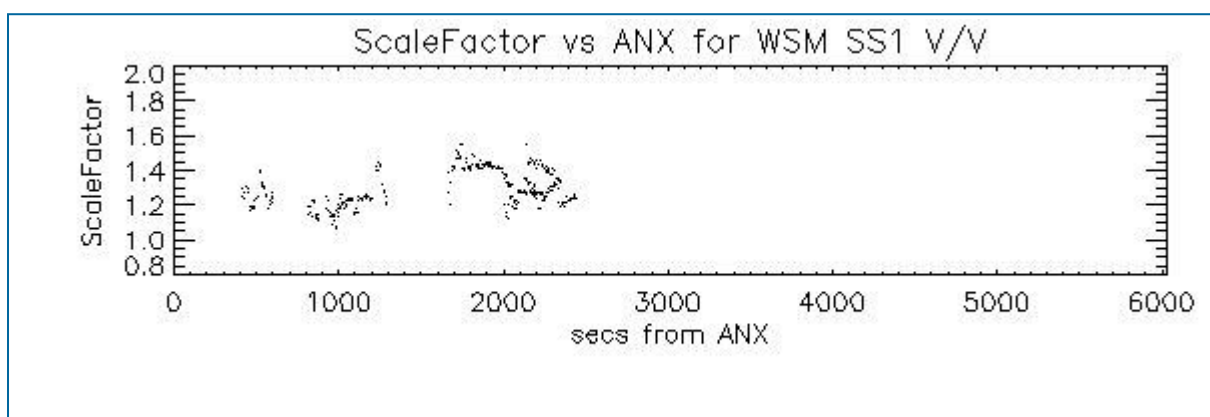




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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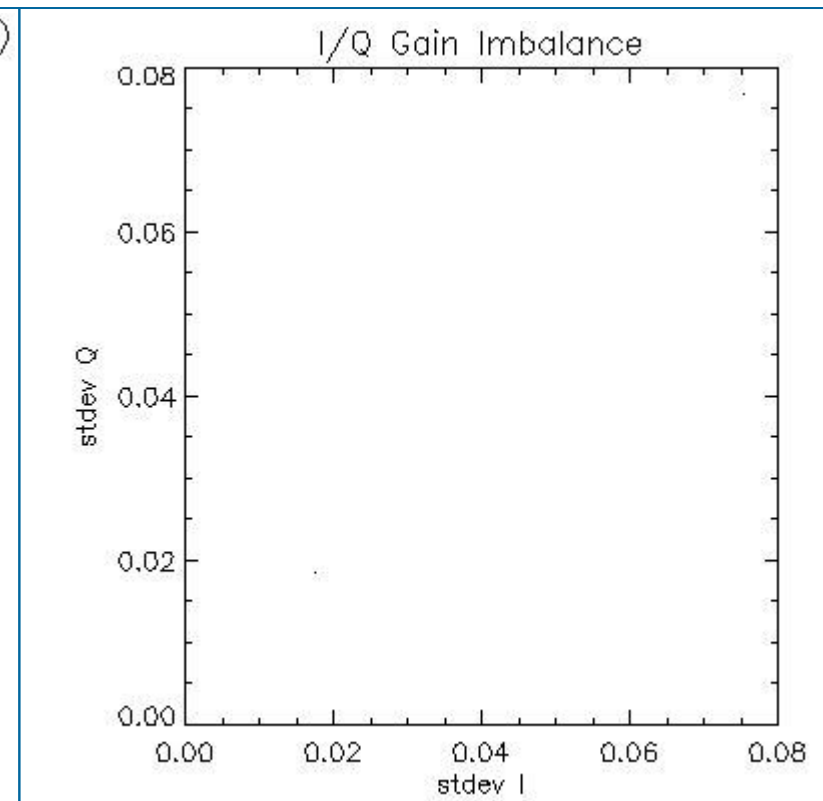
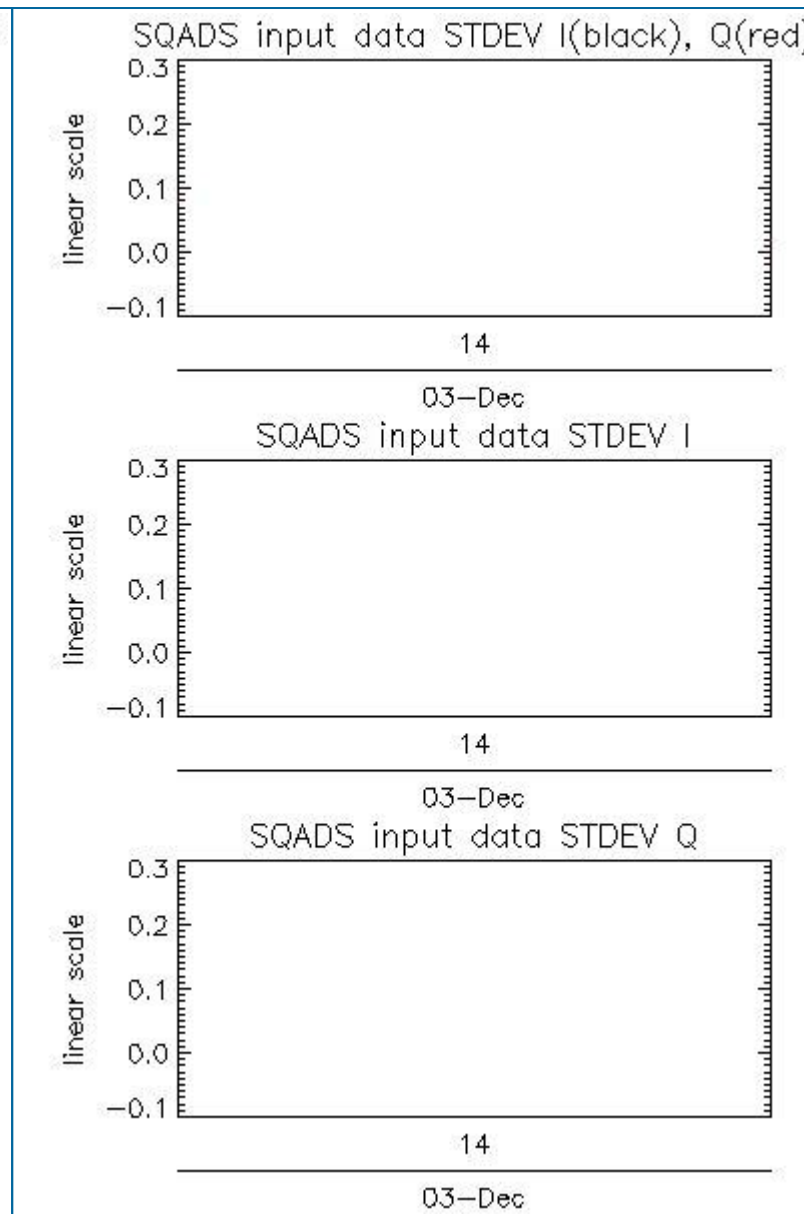
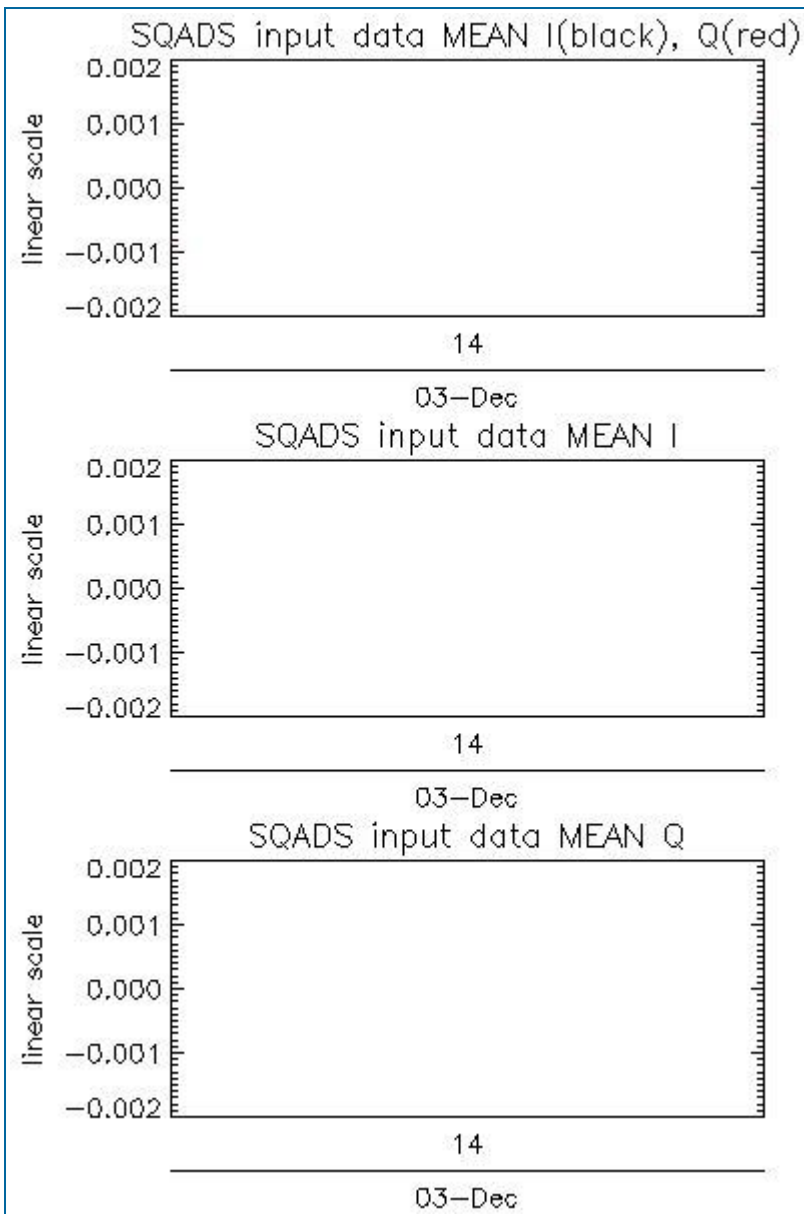


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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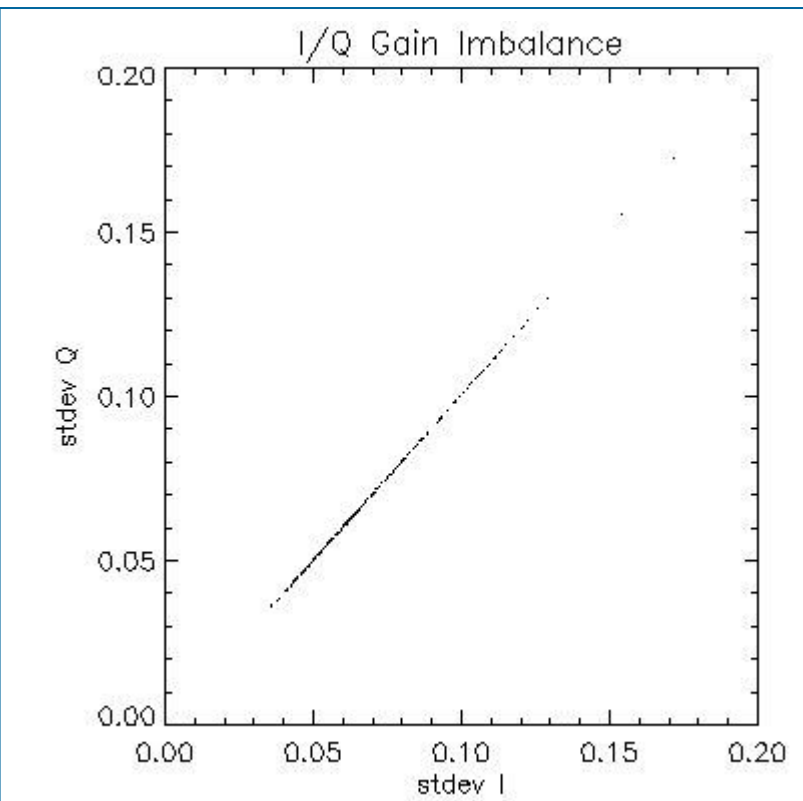
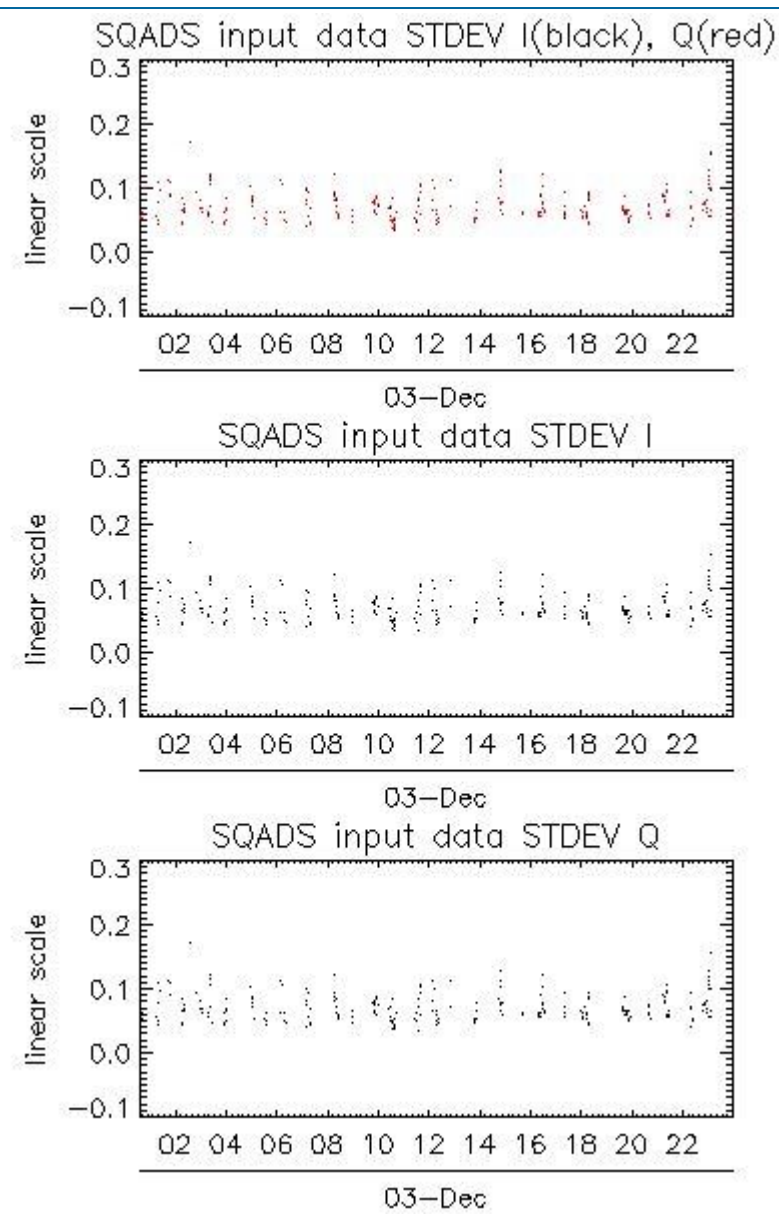
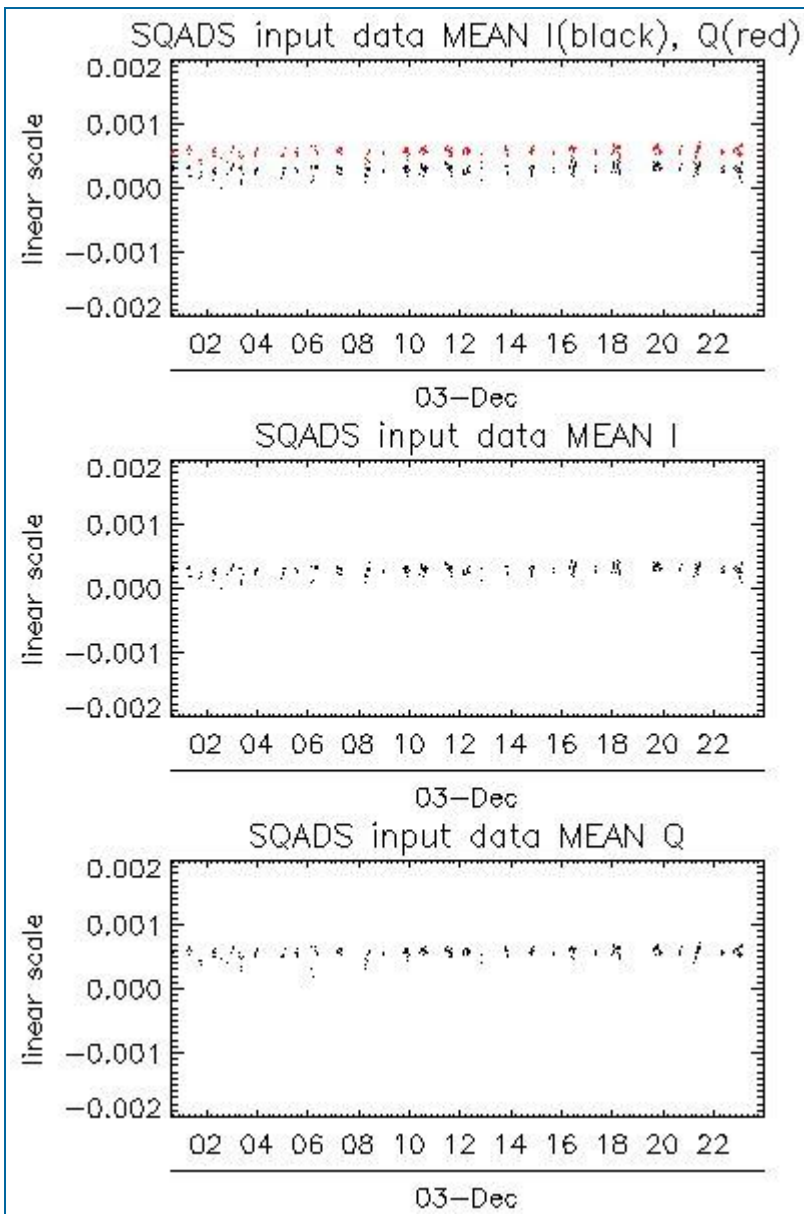


Channel	Statistics	DSS-B
MEAN I	mean	0.000937500
	stdev	2.57645e-08
MEAN Q	mean	-5.35000e-05
	stdev	1.24978e-06
Channel	Statistics	DSS-B
STDEV I	mean	0.0465380
	stdev	0.00167748
STDEV Q	mean	0.0476825
	stdev	0.00170732

7.2 - Analysis for IMM

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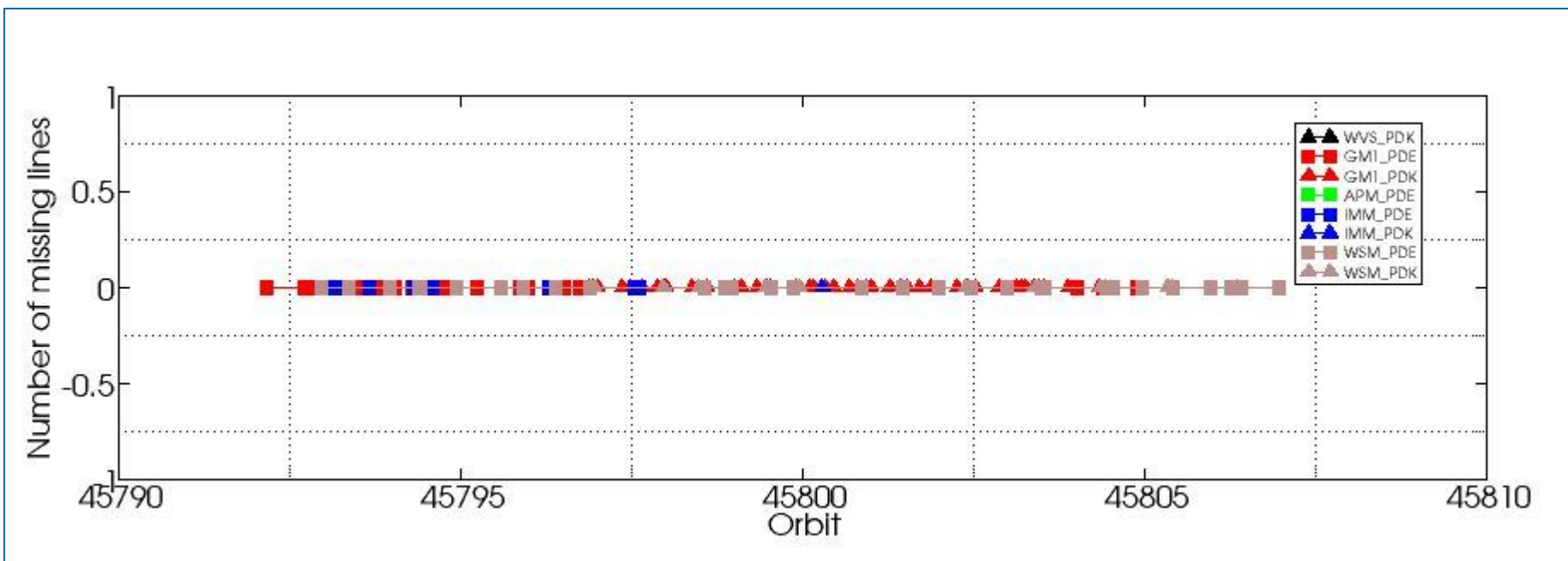
Channel	Statistics	DSS-B
MEAN I	mean	0.000286919
	stdev	5.03124e-09
MEAN Q	mean	0.000563703
	stdev	5.28869e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0699208
	stdev	0.000461442
STDEV Q	mean	0.0702277
	stdev	0.000468181

8 - TELEMETRY ANALYSIS

8.1 - Number of Missing lines

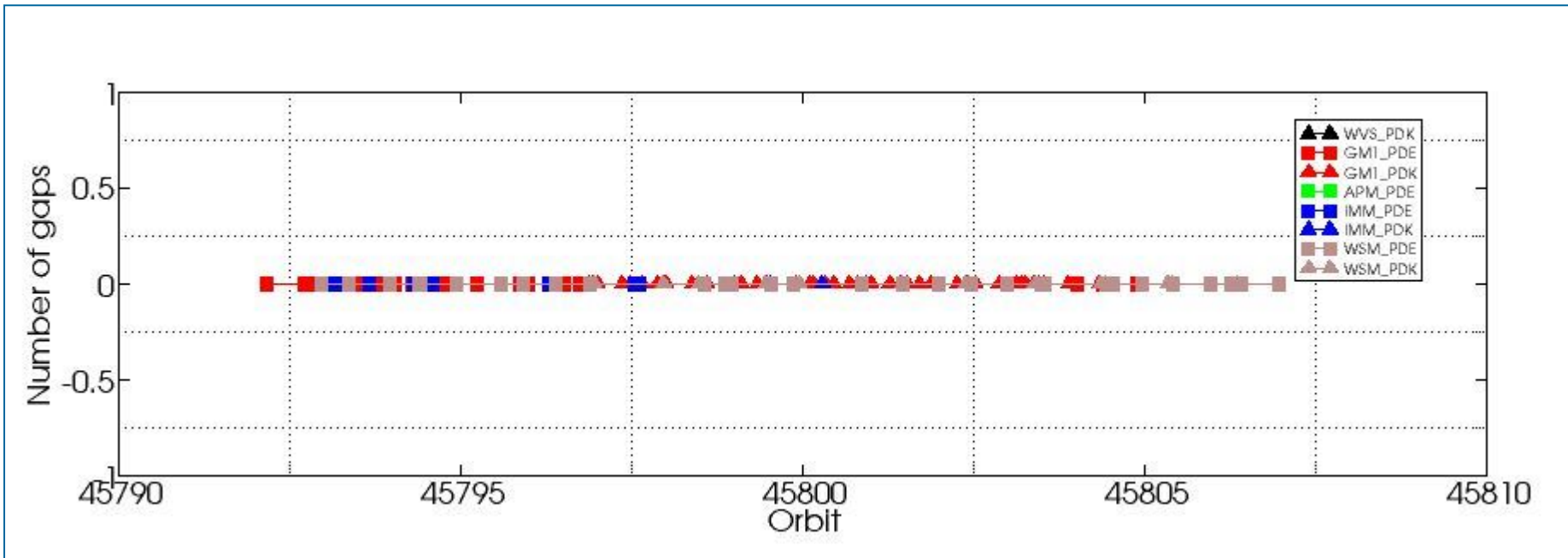
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 101203
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2010-12-03 00:00:00

Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/

DATA SUMMARY

Summary will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_101203/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_101203/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/AUXILIARY

Creating directory ./RESULTS/DAILY/_101203/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20101203*current_3_IECF_ADFs.txt
 Found list 20101203_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
 ASA_INS_AXVIEC20101028_095209_20101022_000000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDK20101203_141611_000000143097_00096_45800_9888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20101203_001004_000005313097_00088_45792_1145.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_002601_000006283097_00088_45792_1155.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_005629_000001083097_00088_45792_1189.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_011450_000000963097_00089_45793_1186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_012209_000010453097_00089_45793_1190.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_014323_000000903097_00089_45793_1191.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_014741_000002593097_00089_45793_1194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_015511_000001143097_00089_45793_1199.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_020613_000005253097_00089_45793_1201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_022823_000000783097_00089_45793_1226.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_022953_000004223097_00089_45793_1223.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_023741_000002893097_00089_45793_1219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_024947_000001023097_00090_45794_1217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_025219_000004343097_00090_45794_1216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_030255_000009063097_00090_45794_1228.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_032552_000000663097_00090_45794_1236.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_034644_000004163097_00090_45794_1259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_040322_000001693097_00090_45794_1271.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_042333_000021513097_00091_45795_1283.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_052644_000003263097_00091_45795_1306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_053745_000002953097_00091_45795_1323.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_061314_000002833097_00092_45796_1322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_062142_000003863097_00092_45796_1320.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_063144_000011183097_00092_45796_1319.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_065317_000000963097_00092_45796_1331.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_194206_000000963097_00100_45804_1425.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_195258_000001143097_00100_45804_1439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_195258_000001143097_00100_45804_1442.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_203004_000005133097_00100_45804_1444.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101203_204326_000000783097_00100_45804_1450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_070658_000000903097_00092_45796_9663.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_071325_000001383097_00092_45796_9666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_072023_000001503097_00092_45796_9690.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_075615_000007493097_00093_45797_9691.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_080734_000004163097_00093_45797_9715.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_082610_000006713097_00093_45797_9720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_084711_000005613097_00093_45797_9723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_085913_000002353097_00093_45797_9744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_GM1_1PNPDK20101203_093740_000006103097_00094_45798_9747.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_100015_000005493097_00094_45798_9778.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_104147_000000903097_00094_45798_9798.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_111443_000006283097_00095_45799_9800.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_112822_000002593097_00095_45799_9825.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_121217_000002113097_00095_45799_9831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_122225_000000663097_00095_45799_9827.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_123046_000002713097_00095_45799_9835.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_125239_000009183097_00096_45800_9841.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_130650_000004473097_00096_45800_9877.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_132919_000006283097_00096_45800_9878.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_134020_000003683097_00096_45800_9879.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_135331_000006223097_00096_45800_9886.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_141137_000002713097_00096_45800_9882.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_141742_000002593097_00096_45800_9887.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_142808_000010033097_00097_45801_9889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_144403_000001573097_00097_45801_0006.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_145427_000003443097_00097_45801_0013.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_151049_000001143097_00097_45801_0023.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_152807_000007013097_00097_45801_0029.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_154227_000000963097_00097_45801_0038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_160657_000007373097_00098_45802_0040.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_162257_000001083097_00098_45802_0061.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_163426_000007313097_00098_45802_0074.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_170821_000006283097_00098_45802_0088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_174815_000007253097_00099_45803_0093.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_175909_000000963097_00099_45803_0115.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_180818_000001443097_00099_45803_0114.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_181327_000000843097_00099_45803_0129.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_184952_000008703097_00099_45803_0136.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_191443_000001813097_00099_45803_0141.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_192117_000005133097_00099_45803_0142.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101203_193423_000001443097_00100_45804_0144.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20101203_181458_00000733097_00099_45803_1423.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20101203_014455_000001583097_00089_45793_1171.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_023653_000000393097_00089_45793_1211.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_025130_000000383097_00090_45794_1212.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_031801_000004603097_00090_45794_1215.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_060907_000001423097_00092_45796_1295.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_081430_000002903097_00093_45797_1353.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101203_082128_000002713097_00093_45797_1354.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101203_113241_000001223097_00095_45799_9806.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101203_124948_000000813097_00096_45800_9858.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101203_211609_000000373097_00101_45805_0158.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_101203/AUXILIARY/Check_ADFs_WSM.xls...



ASA_WSM_1PNPDE20101203_003633_000003493097_00088_45792_1143.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_011634_000003303097_00089_45793_1170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_021503_000004533097_00089_45793_1203.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_025936_000000923097_00090_45794_1213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_030120_000000923097_00090_45794_1214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_035343_000005143097_00090_45794_1254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_045927_000003923097_00091_45795_1255.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_053215_000003123097_00091_45795_1294.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_061802_000002203097_00092_45796_1296.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_070838_000002883097_00092_45796_1335.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_095752_000001353097_00094_45798_1372.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_102619_000005753097_00094_45798_1378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_103611_000003303097_00094_45798_1391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_113549_000003363097_00095_45799_1390.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_120750_000002513097_00095_45799_1393.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_134755_000003303097_00096_45800_1417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_144806_000003733097_00097_45801_1418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_153951_000001533097_00097_45801_1416.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_162844_000003363097_00098_45802_1420.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_171927_000002323097_00098_45802_1419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_181051_000001533097_00099_45803_1422.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_181658_000002323097_00099_45803_1424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_194524_000004343097_00100_45804_1452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_195501_000000923097_00100_45804_1454.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_203842_000002813097_00100_45804_1438.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_203842_000002813097_00100_45804_1441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_212432_000002203097_00101_45805_1491.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_221841_000004043097_00101_45805_1488.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_224851_000002083097_00102_45806_1497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_225528_000000863097_00102_45806_1498.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_230354_000002203097_00102_45806_1499.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101203_235905_000003733097_00102_45806_1500.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_071551_000002693097_00092_45796_9698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_085634_000001533097_00093_45797_9743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_094751_000006003097_00094_45798_9755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_112551_000001533097_00095_45799_9804.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_121550_000003923097_00095_45799_9857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_144645_000001533097_00097_45801_9894.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_161920_000002083097_00098_45802_0045.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_162451_000002513097_00098_45802_0044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_180051_000004343097_00099_45803_0099.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_193651_000003123097_00100_45804_0150.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_194351_000001533097_00100_45804_0152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_211523_000000303097_00101_45805_0157.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_211751_000000923097_00101_45805_0159.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_212151_000002693097_00101_45805_0160.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101203_225851_000003923097_00102_45806_0180.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_101203/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_101203/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_00000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20101203_184834_000000163097_00099_45803_0329.N1
H
H
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/TGH_20101203_184834-20010209_135042.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/TPH_20101203_184834-20010209_135042.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/RGH_20101203_184834-20010209_135042.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/RPH_20101203_184834-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_00000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDE20101203_202848_000000163097_00100_45804_0100.N1
V
V
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/TGV_20101203_202848-20010209_140823.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/TPV_20101203_202848-20010209_140823.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/RGV_20101203_202848-20010209_140823.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/SECOND_REFERENCE/RPV_20101203_202848-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20101202_192517_000000163097_00085_45789_0328.N1
Test product: ASA_MS__0PNPDK20101203_184834_000000163097_00099_45803_0329.N1
H
H
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20101203_184834-20101202_192517.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20101203_184834-20101202_192517.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20101203_184834-20101202_192517.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20101203_184834-20101202_192517.png

Polarization: V
Reference product: ASA_MS__0PNPDE20101202_210531_000000163097_00086_45790_0099.N1
Test product: ASA_MS__0PNPDE20101203_202848_000000163097_00100_45804_0100.N1
V
V
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101203_202848-20101202_210531.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101203_202848-20101202_210531.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101203_202848-20101202_210531.png
../../RESULTS/DAILY/_101203/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101203_202848-20101202_210531.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/_101203/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59



Analysing products WVS IS2 V/V

*** No Data ***

Analysing products GM1 SS3 H/H

Writing image ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-03_1.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-03_2.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-03_3.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-03_4.dat...

No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-03_1.dat...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-03_2.dat...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-03_3.dat...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101203/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-03_4.dat...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../.././RESULTS/DAILY/_101203//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101203/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59



Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
 Writing file ./RESULTS/DAILY/_101203/DOPPLER/Doppler_data_WVS_IS2_VV_2010-12-03.dat...
 No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
 Writing file ./RESULTS/DAILY/_101203/DOPPLER/Doppler_data_GM1_SS1_HH_2010-12-03.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_101203/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2010-12-03 00:00:00 to 2010-12-03 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
 Writing file ./RESULTS/DAILY/_101203/DOPPLER/Doppler_Jumps_data_WSM_2010-12-03.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_101203/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/_101203/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59

Analysing products WVS IS2 V/V
 *** Insufficient Data to Plot ***
 *** Insufficient Data to Plot ***

Analysing products GM1 SS1 H/H
 Loading predicted doppler values....
 Phase: descending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -53.298830 Hz
 Writing file ../../RESULTS/DAILY/_101203//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
 Writing file ../../RESULTS/DAILY/_101203//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

 Loading predicted doppler values....
 Phase: ascending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -57.663930 Hz
 Writing file ../../RESULTS/DAILY/_101203//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
 Writing file ../../RESULTS/DAILY/_101203//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

 DOPPLER ANALYSIS completed
 #####

CHIRP ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/_101203/CHIRP...

CHIRP Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59



Analysing products WSM SS1 H/H

```
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-12-03.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101203/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101203/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-12-03.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101203/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101203/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/RAW_DATA
```

Creating directory ./RESULTS/DAILY/_101203/RAW_DATA...

```
*****
Getting raw data for WVS from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/RAW_DATA/Raw_data_WVS_2010-12-03.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2010-12-03 00:00:00 to 2010-12-03 23:59:59...
Writing file ./RESULTS/DAILY/_101203/RAW_DATA/Raw_data_IMM_2010-12-03.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101203/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2010-12-03 00:00:00 to 2010-12-03 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101203/TELEMETRY
```

Creating directory ./RESULTS/DAILY/_101203/TELEMETRY...

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

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

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

Checking 30 products from PDE...

Checking 41 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 7 products from PDE...

Checking 3 products from PDK...

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

Checking 32 products from PDE...

Checking 15 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_101203/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_101203/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_101203/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_1PNPDE20101203_181458_000000733097_00099_45803_1423.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_1PNPDE20101203_001004_000005313097_00088_45792_1145.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_002601_000006283097_00088_45792_1155.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_005629_000001083097_00088_45792_1189.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_011450_000000963097_00089_45793_1186.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_012209_000010453097_00089_45793_1190.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_014323_000000903097_00089_45793_1191.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_014741_000002593097_00089_45793_1194.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_015511_000001143097_00089_45793_1199.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_020613_000005253097_00089_45793_1201.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_022823_000000783097_00089_45793_1226.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_022953_000004223097_00089_45793_1223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_023741_000002893097_00089_45793_1219.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_024947_000001023097_00090_45794_1217.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_025219_000004343097_00090_45794_1216.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_030255_000009063097_00090_45794_1228.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_032552_000000663097_00090_45794_1236.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_034644_000004163097_00090_45794_1259.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_040322_000001693097_00090_45794_1271.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_042333_000021513097_00091_45795_1283.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_052644_000003263097_00091_45795_1306.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_053745_000002953097_00091_45795_1323.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_061314_000002833097_00092_45796_1322.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_062142_000003863097_00092_45796_1320.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_063144_000011183097_00092_45796_1319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_065317_000000963097_00092_45796_1331.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_194206_000000963097_00100_45804_1425.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_195258_000001143097_00100_45804_1439.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_195258_000001143097_00100_45804_1442.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_203004_000005133097_00100_45804_1444.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101203_204326_000000783097_00100_45804_1450.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_070658_000000903097_00092_45796_9663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_071325_000001383097_00092_45796_9666.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_072023_000001503097_00092_45796_9690.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_075615_000007493097_00093_45797_9691.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_080734_000004163097_00093_45797_9715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_082610_000006713097_00093_45797_9720.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_084711_000005613097_00093_45797_9723.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_085913_000002353097_00093_45797_9744.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_093740_000006103097_00094_45798_9747.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_100015_000005493097_00094_45798_9778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_104147_000000903097_00094_45798_9798.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_111443_000006283097_00095_45799_9800.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_112822_000002593097_00095_45799_9825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_121217_000002113097_00095_45799_9831.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_122225_000000663097_00095_45799_9827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_123046_000002713097_00095_45799_9835.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_125239_000009183097_00096_45800_9841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_130650_000004473097_00096_45800_9877.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_132919_000006283097_00096_45800_9878.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_134020_000003683097_00096_45800_9879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_135331_000006223097_00096_45800_9886.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_141137_000002713097_00096_45800_9882.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_141742_000002593097_00096_45800_9887.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_142808_000010033097_00097_45801_9889.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_144403_000001573097_00097_45801_0006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_145427_000003443097_00097_45801_0013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_151049_000001143097_00097_45801_0023.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_152807_000007013097_00097_45801_0029.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_154227_000000963097_00097_45801_0038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_160657_000007373097_00098_45802_0040.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_162257_000001083097_00098_45802_0061.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_163426_000007313097_00098_45802_0074.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_170821_000006283097_00098_45802_0088.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_174815_000007253097_00099_45803_0093.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20101203_175909_00000963097_00099_45803_0115.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_180818_000001443097_00099_45803_0114.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_181327_000000843097_00099_45803_0129.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_184952_000008703097_00099_45803_0136.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_191443_000001813097_00099_45803_0141.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_192117_000005133097_00099_45803_0142.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101203_193423_000001443097_00100_45804_0144.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_1PNPDE20101203_014455_000001583097_00089_45793_1171.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_023653_000000393097_00089_45793_1211.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_025130_000000383097_00090_45794_1212.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_031801_000004603097_00090_45794_1215.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_060907_000001423097_00092_45796_1295.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_081430_000002903097_00093_45797_1353.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101203_082128_000002713097_00093_45797_1354.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101203_113241_000001223097_00095_45799_9806.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101203_124948_000000813097_00096_45800_9858.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101203_211609_000000373097_00101_45805_0158.N1	OK	OK	OK	OK

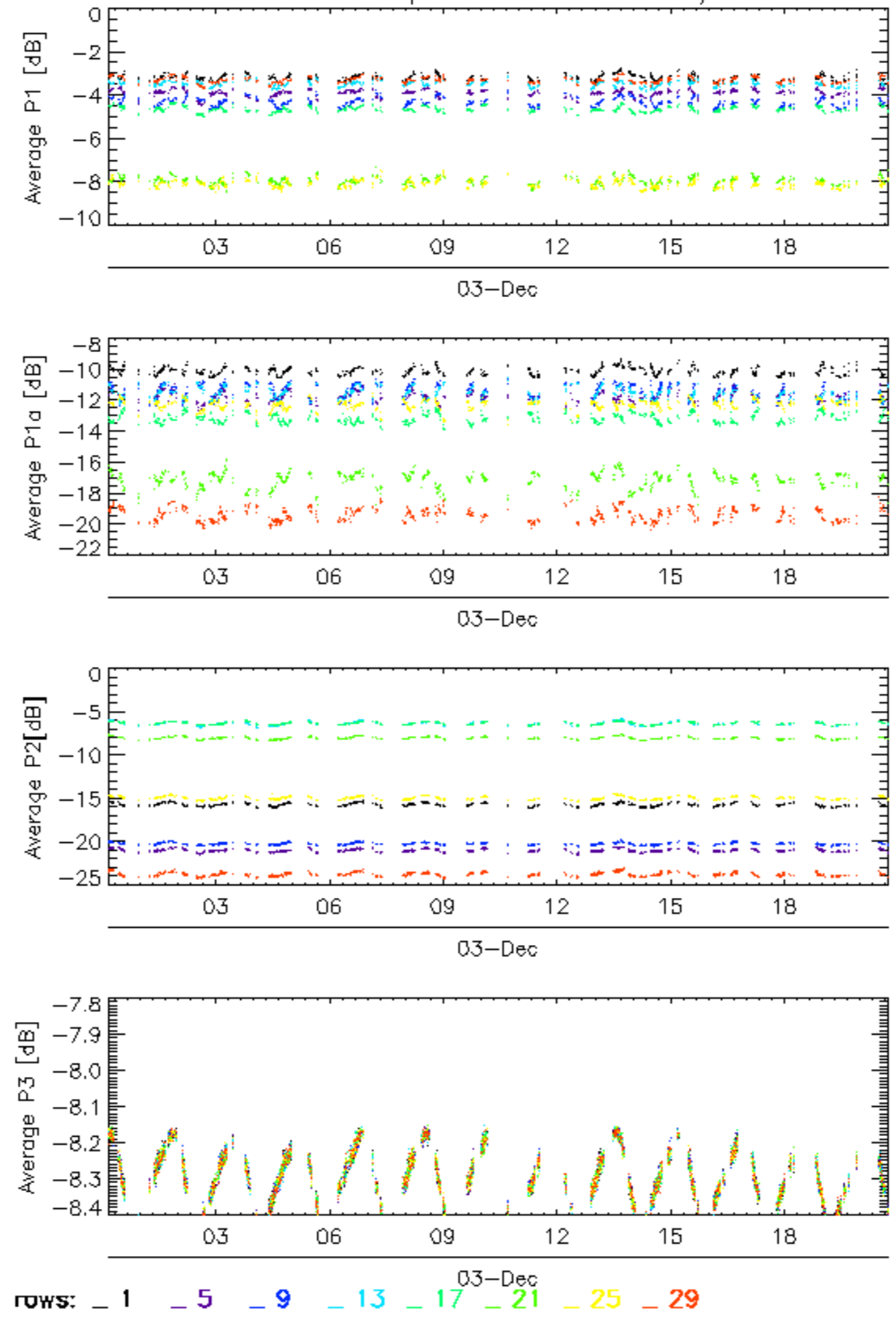
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101203_003633_000003493097_00088_45792_1143.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_011634_000003303097_00089_45793_1170.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_021503_000004533097_00089_45793_1203.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_025936_000000923097_00090_45794_1213.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_030120_000000923097_00090_45794_1214.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_035343_000005143097_00090_45794_1254.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_045927_000003923097_00091_45795_1255.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_053215_000003123097_00091_45795_1294.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_061802_000002203097_00092_45796_1296.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_070838_000002883097_00092_45796_1335.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_095752_000001353097_00094_45798_1372.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_102619_000005753097_00094_45798_1378.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_103611_000003303097_00094_45798_1391.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_113549_000003363097_00095_45799_1390.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_120750_000002513097_00095_45799_1393.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_134755_000003303097_00096_45800_1417.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101203_144806_000003733097_00097_45801_1418.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101203_212151_000002693097_00101_45805_0160.N1					OK	OK	OK	OK
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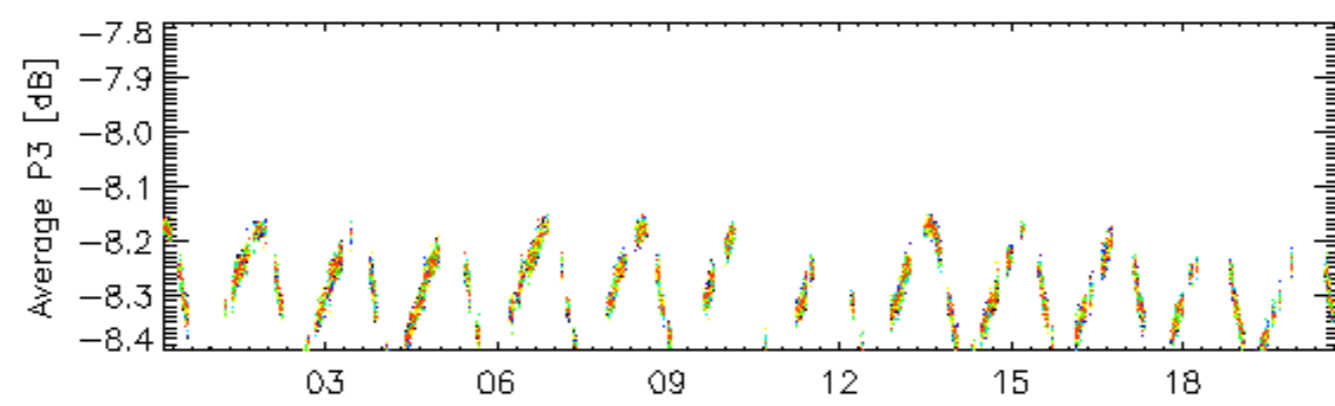
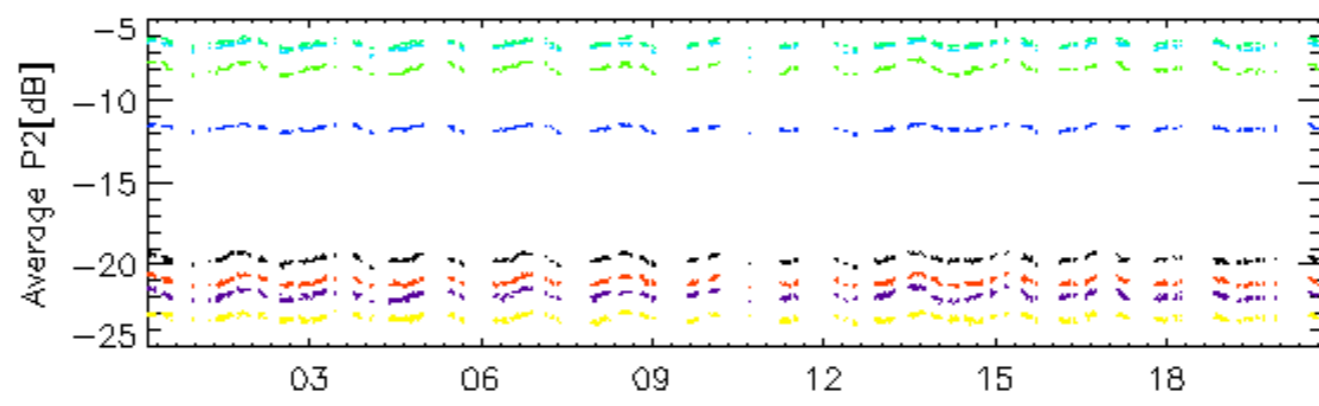
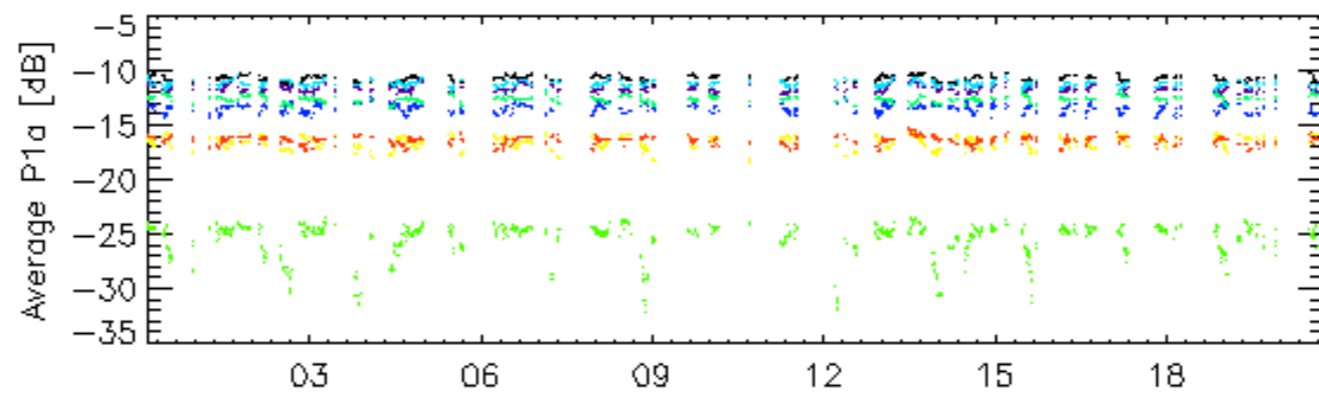
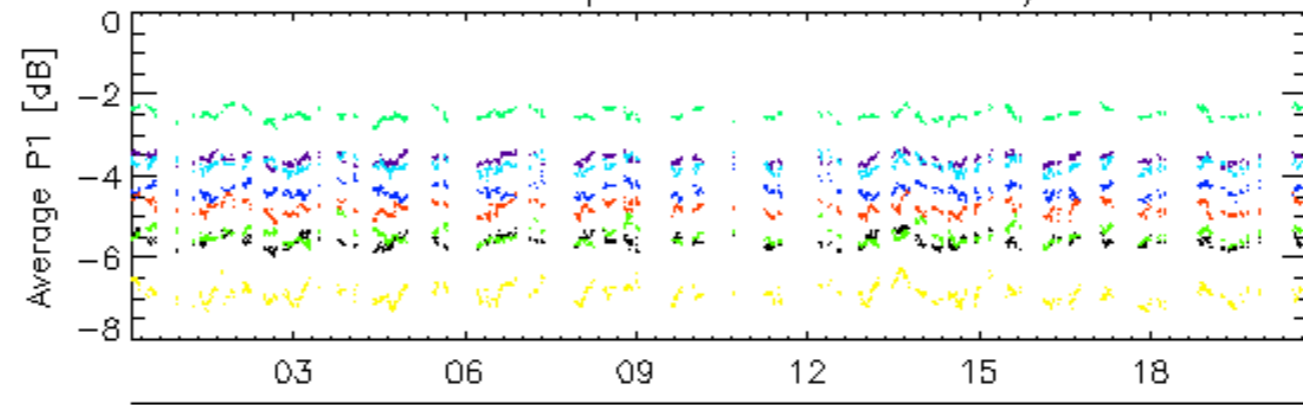
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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Calibration pulses for GM1 SS3 H/H

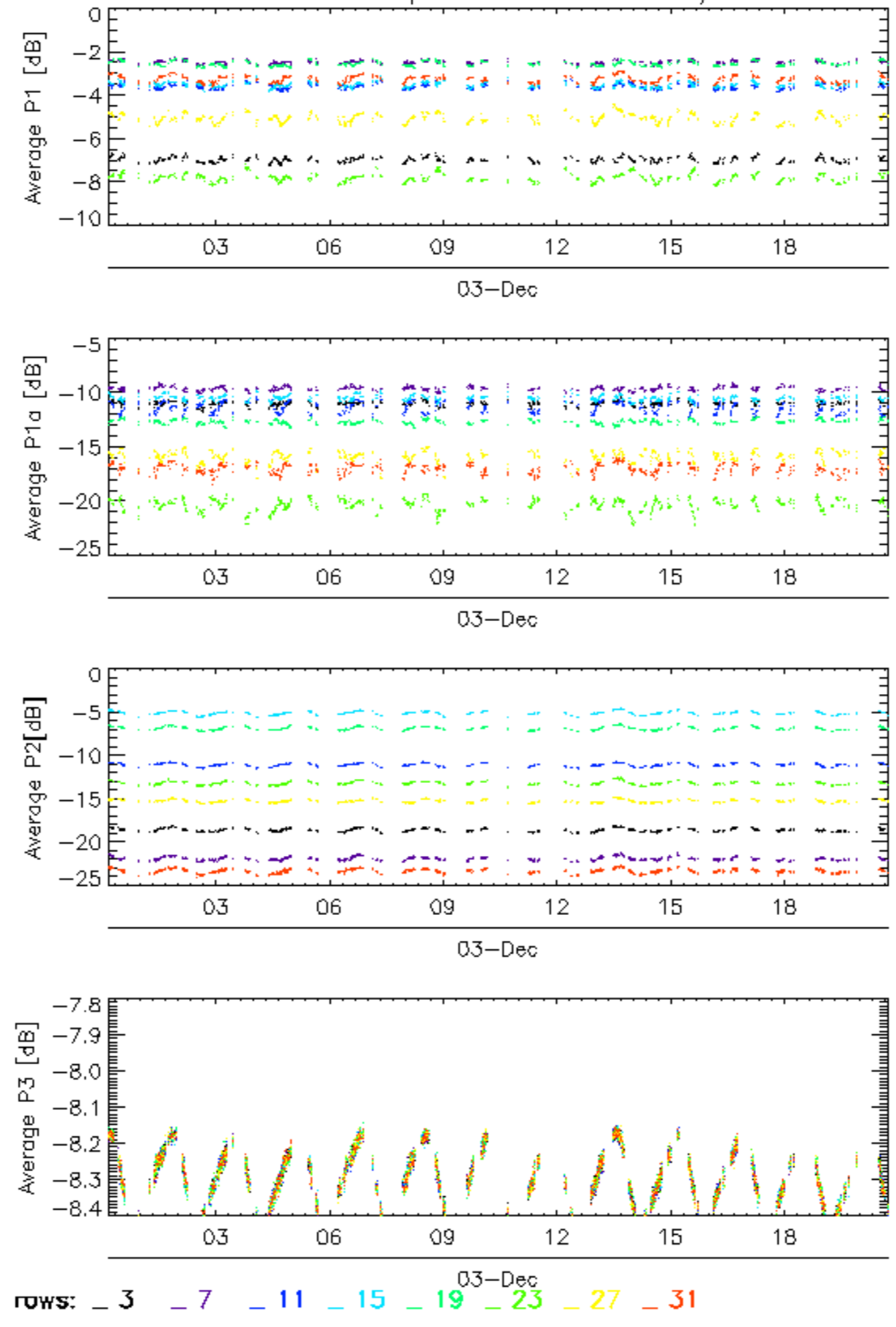


Calibration pulses for GM1 SS3 H/H

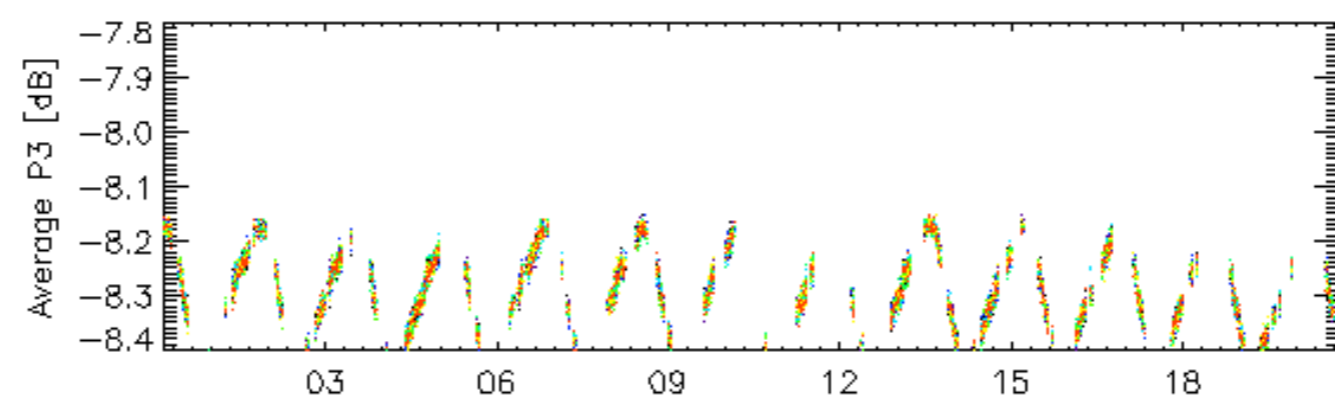
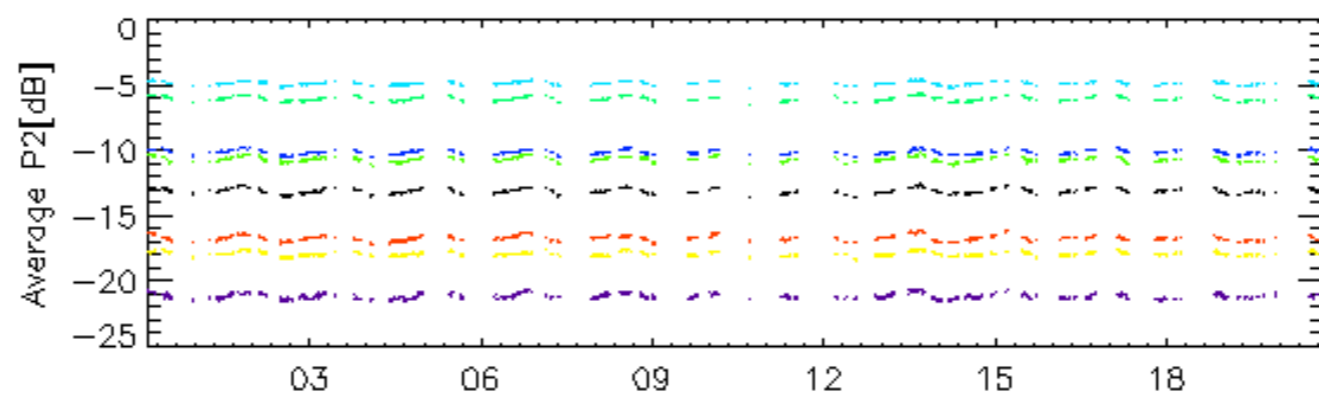
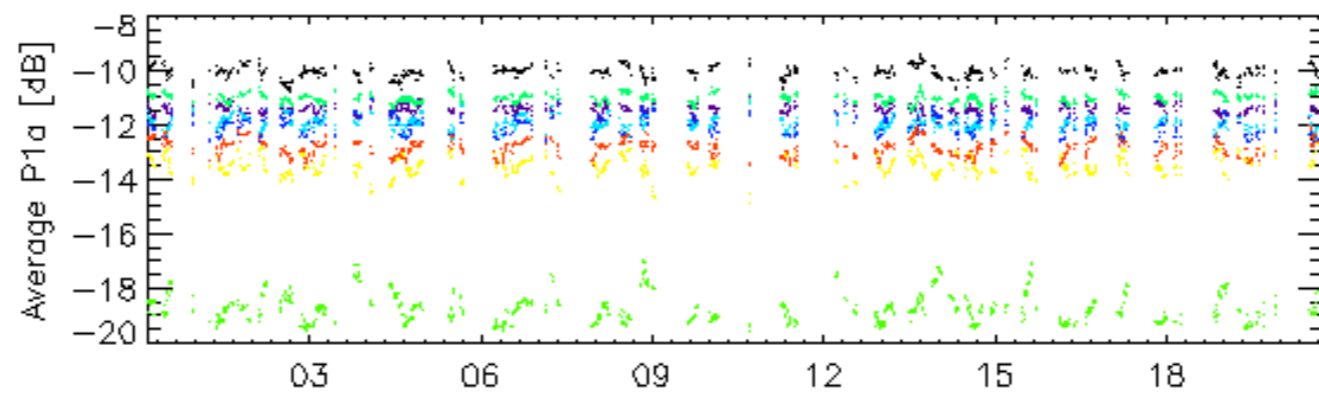
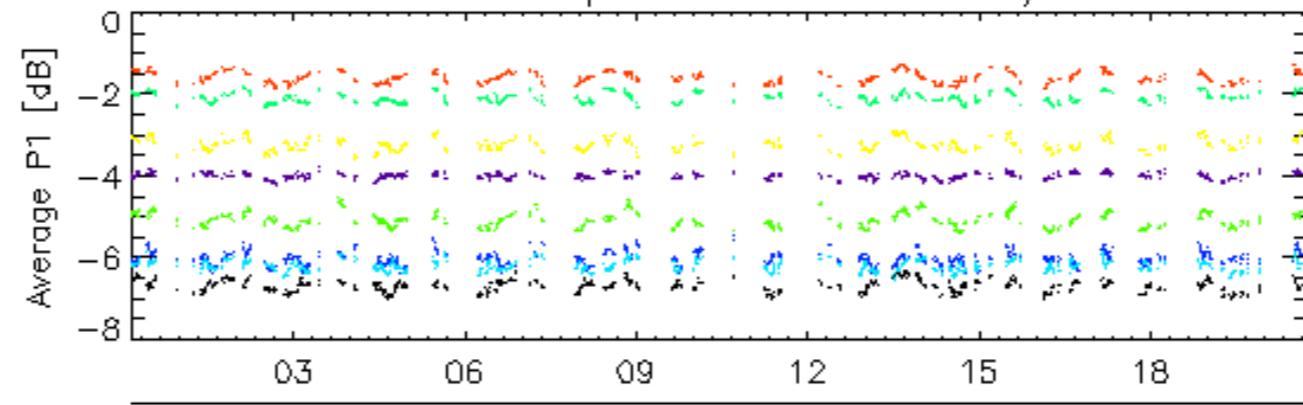


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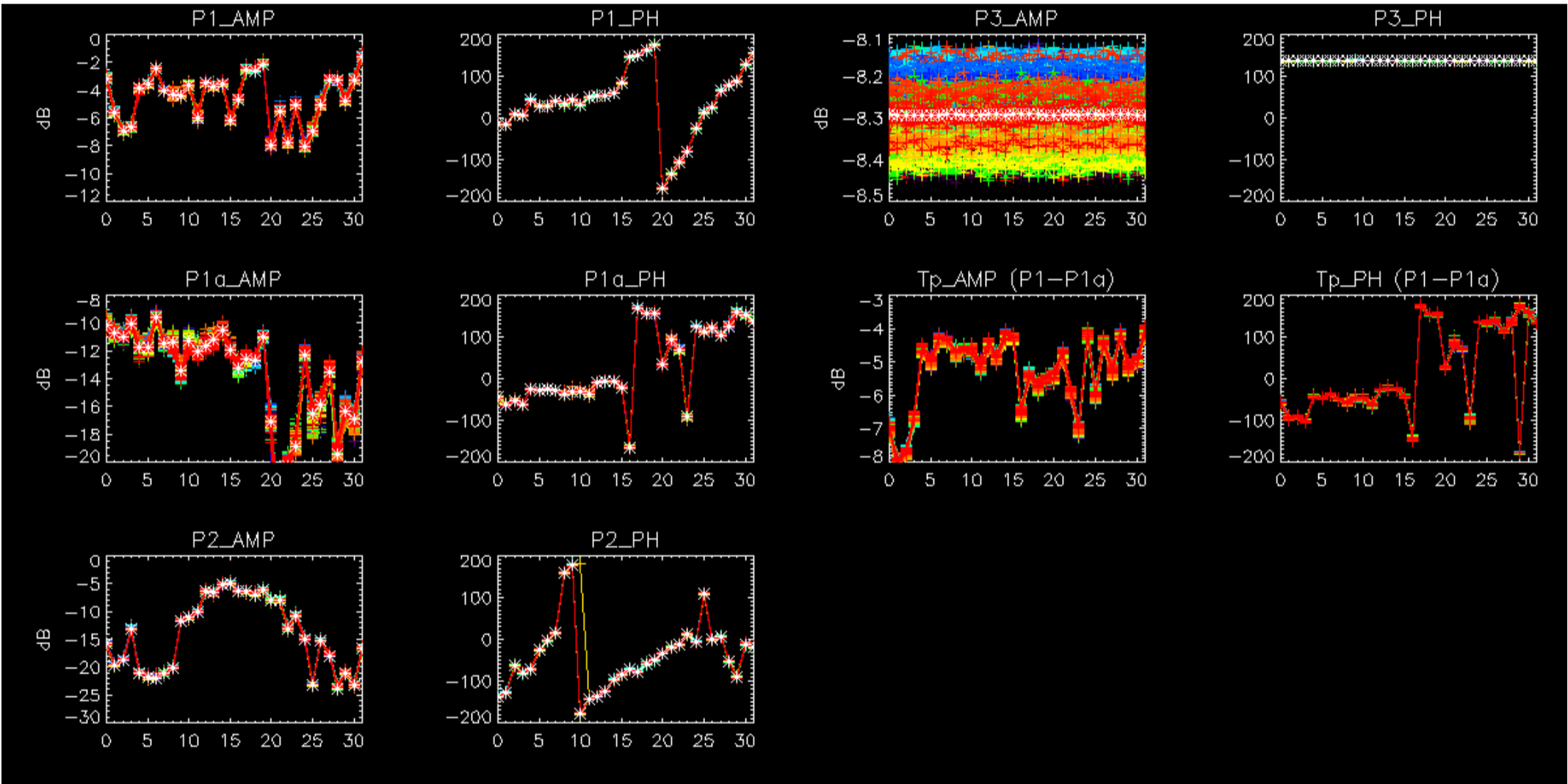
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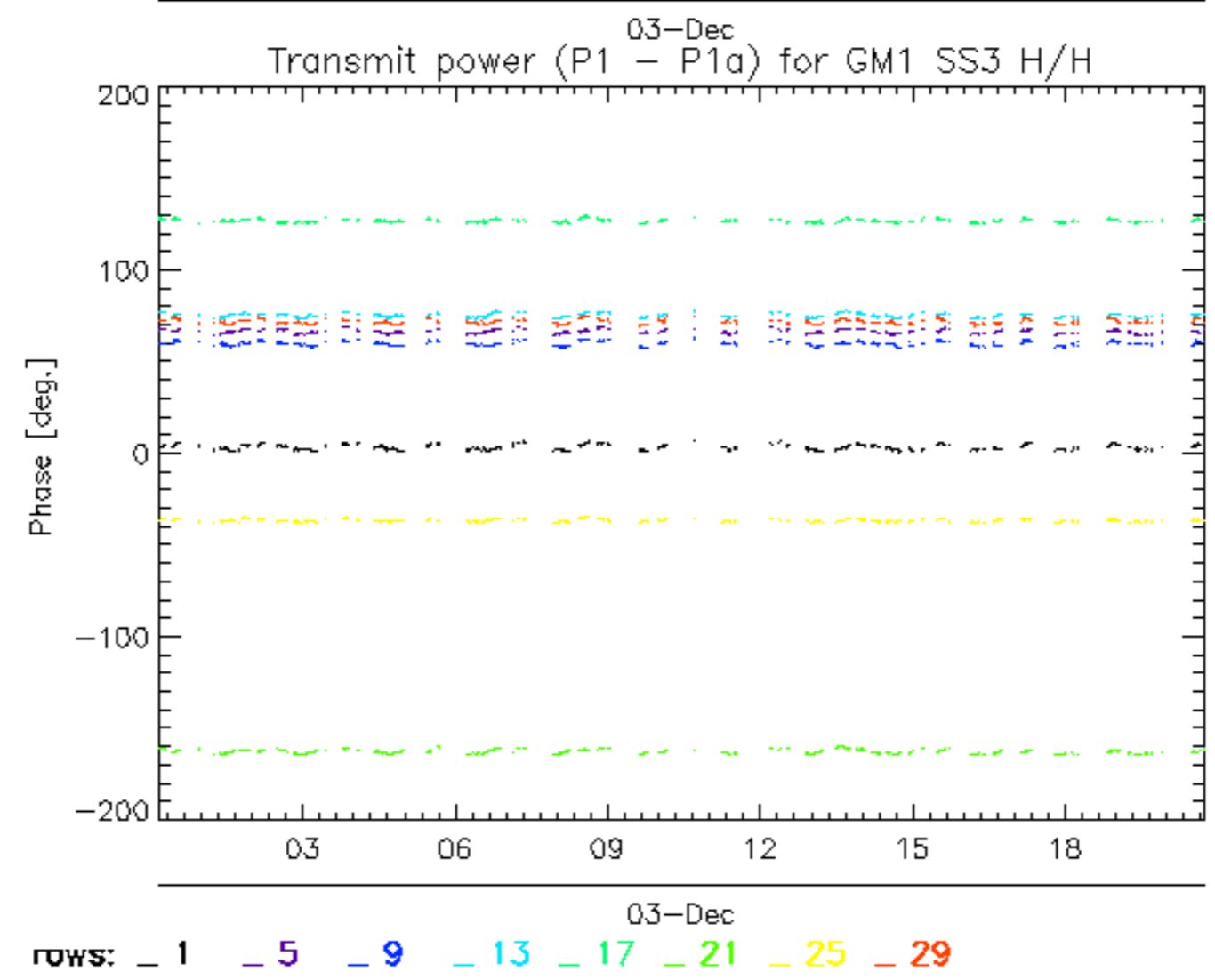
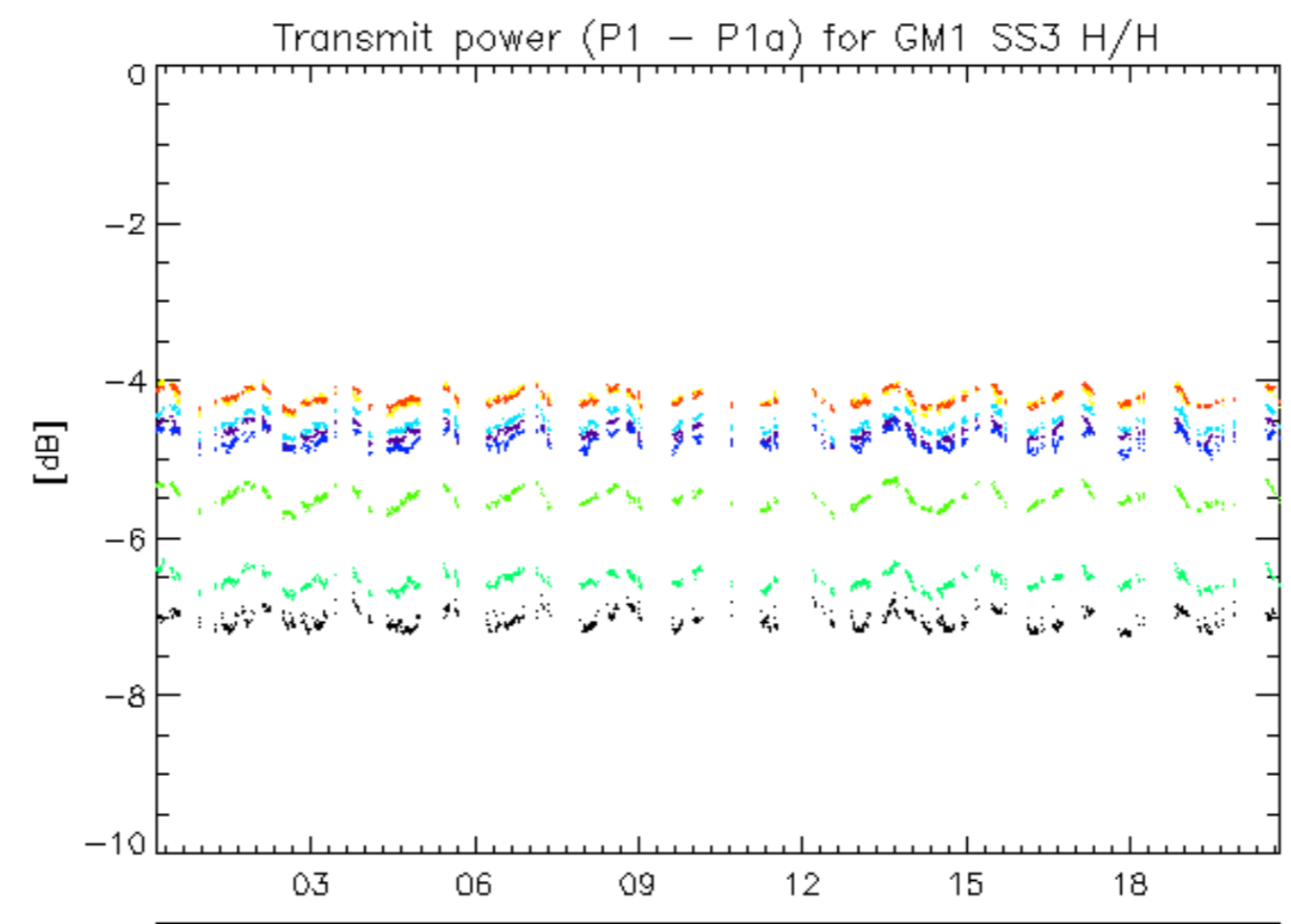


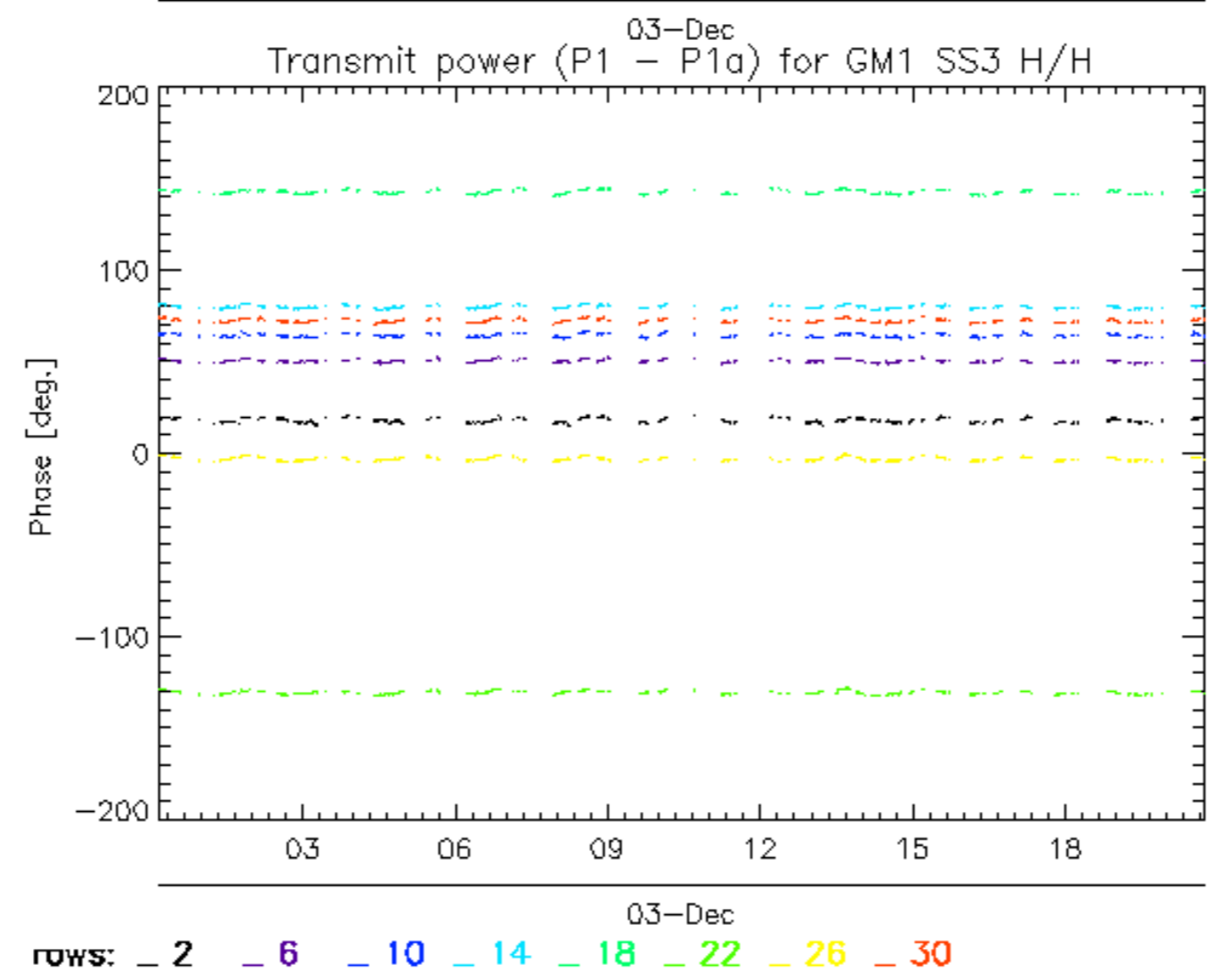
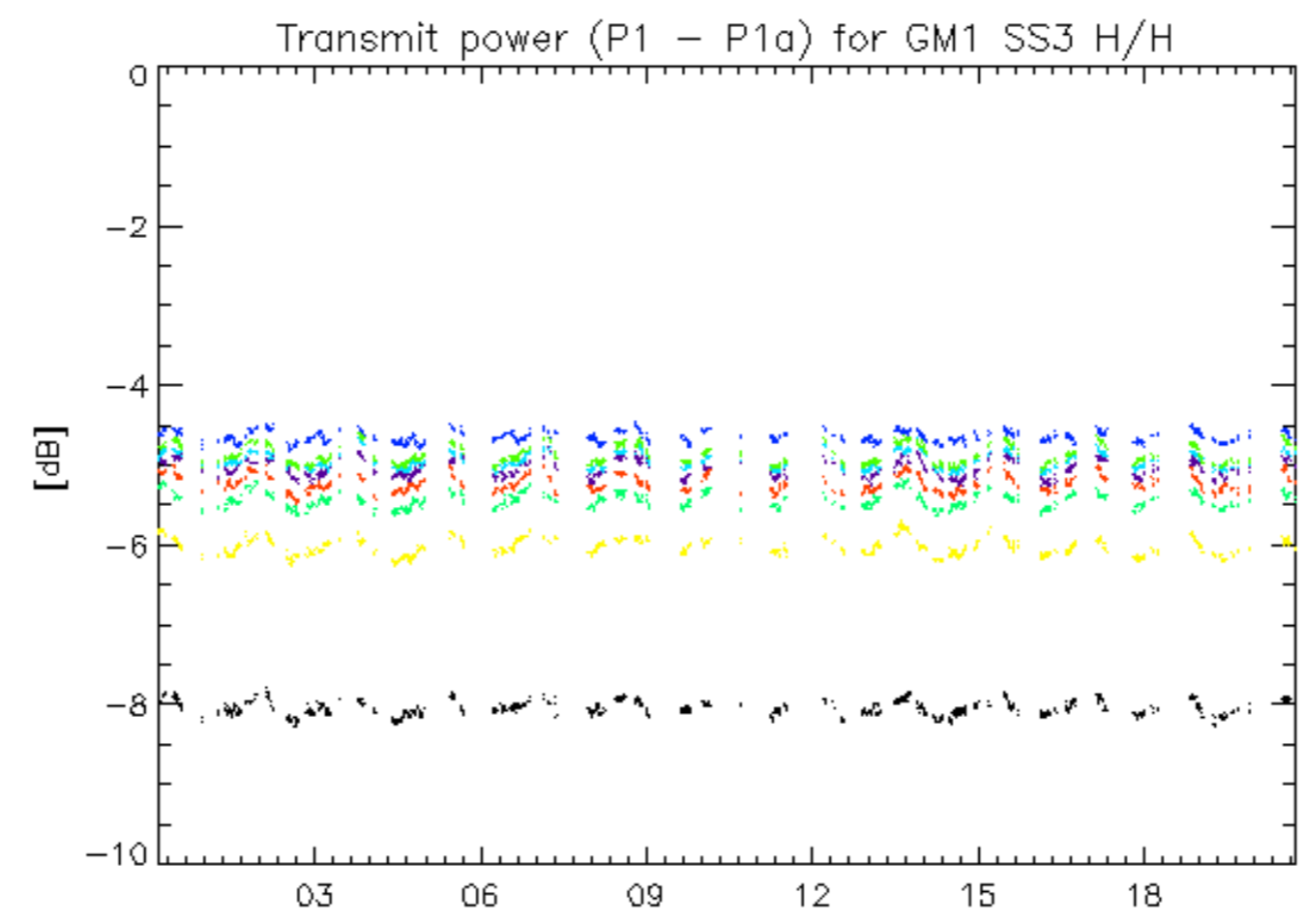
Calibration pulses for GM1 SS3 H/H

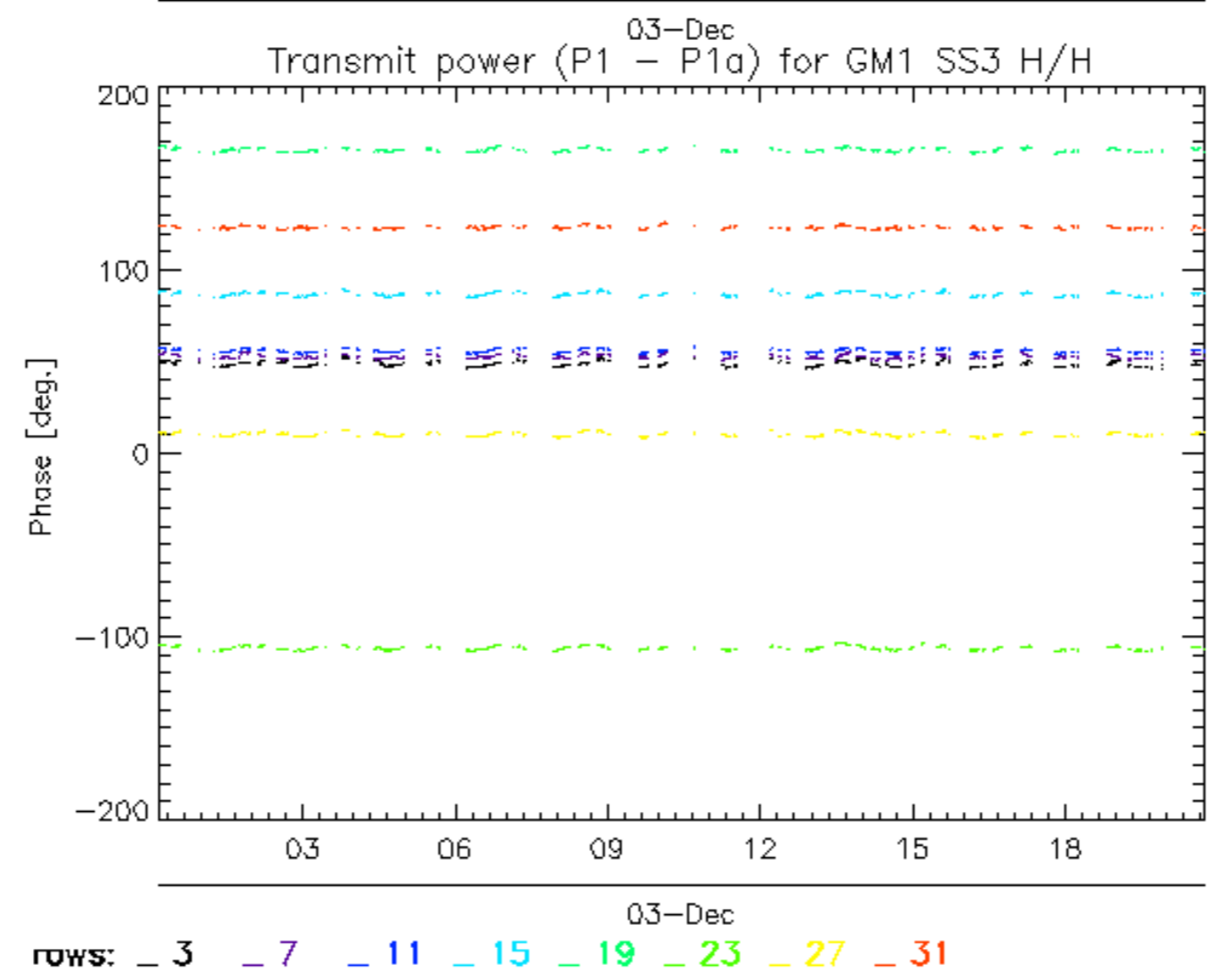
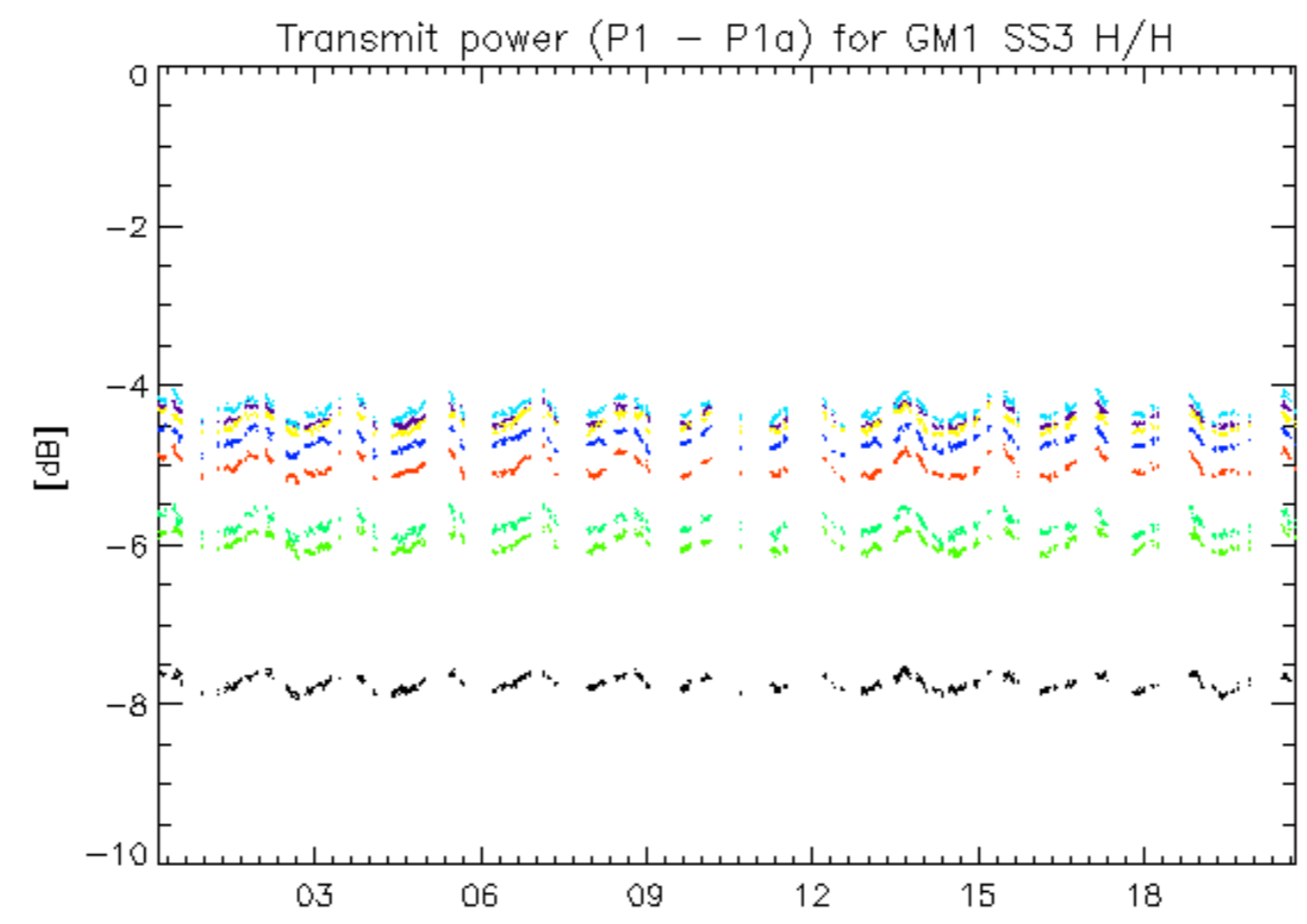


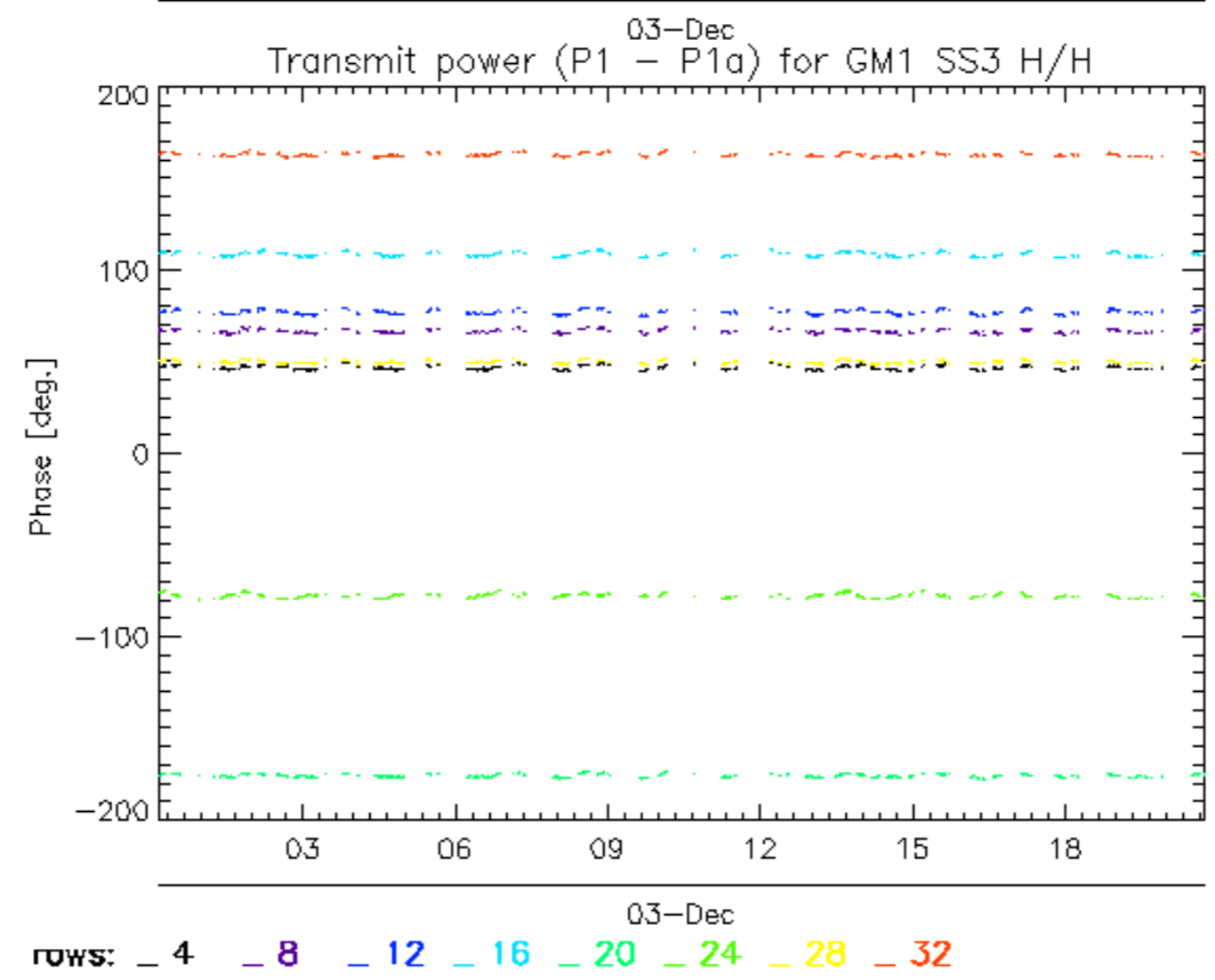
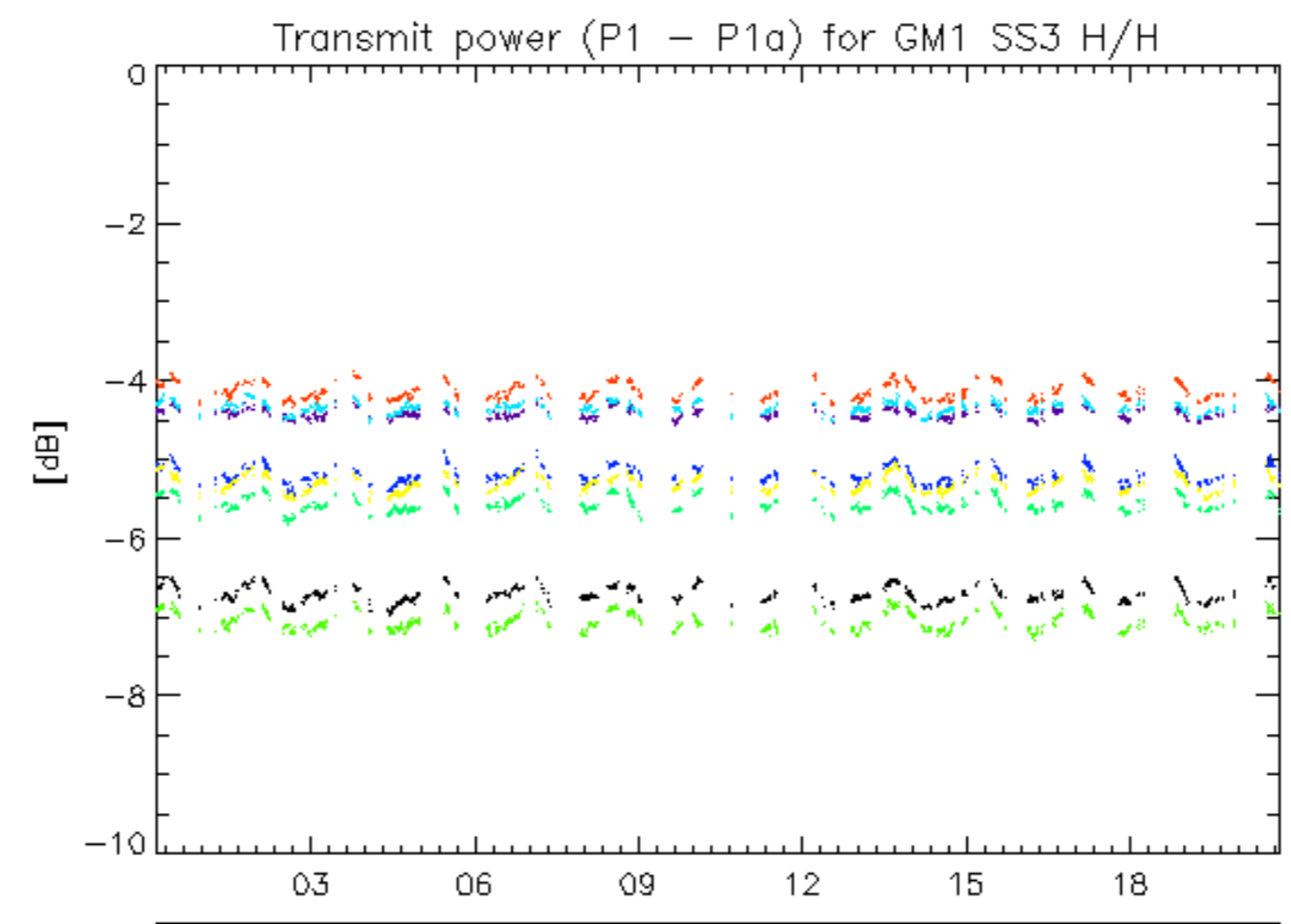
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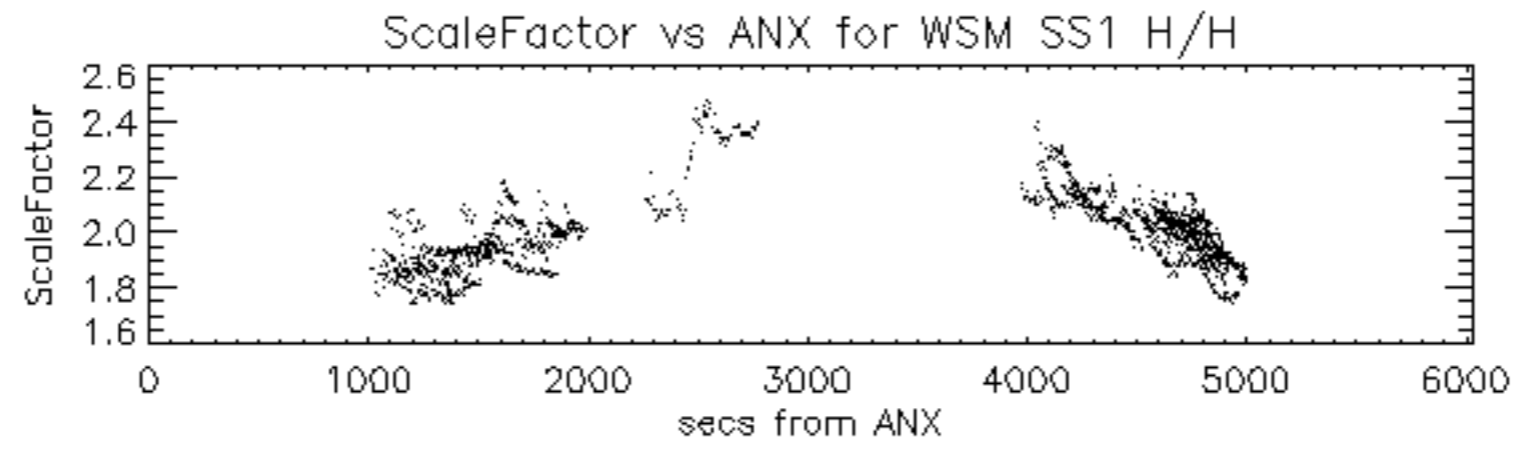


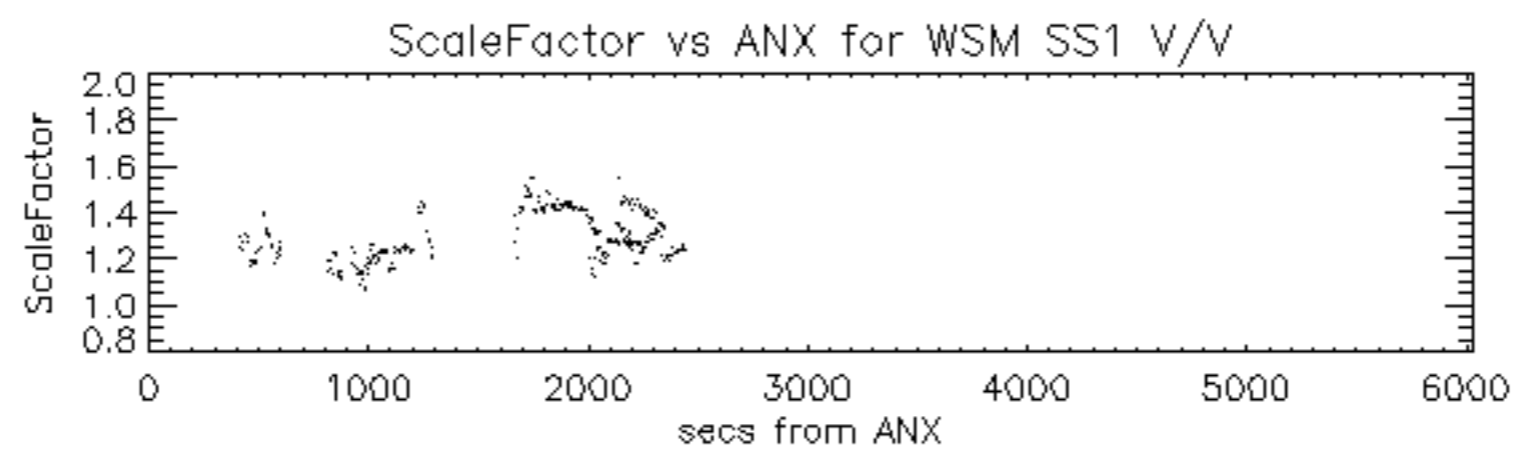


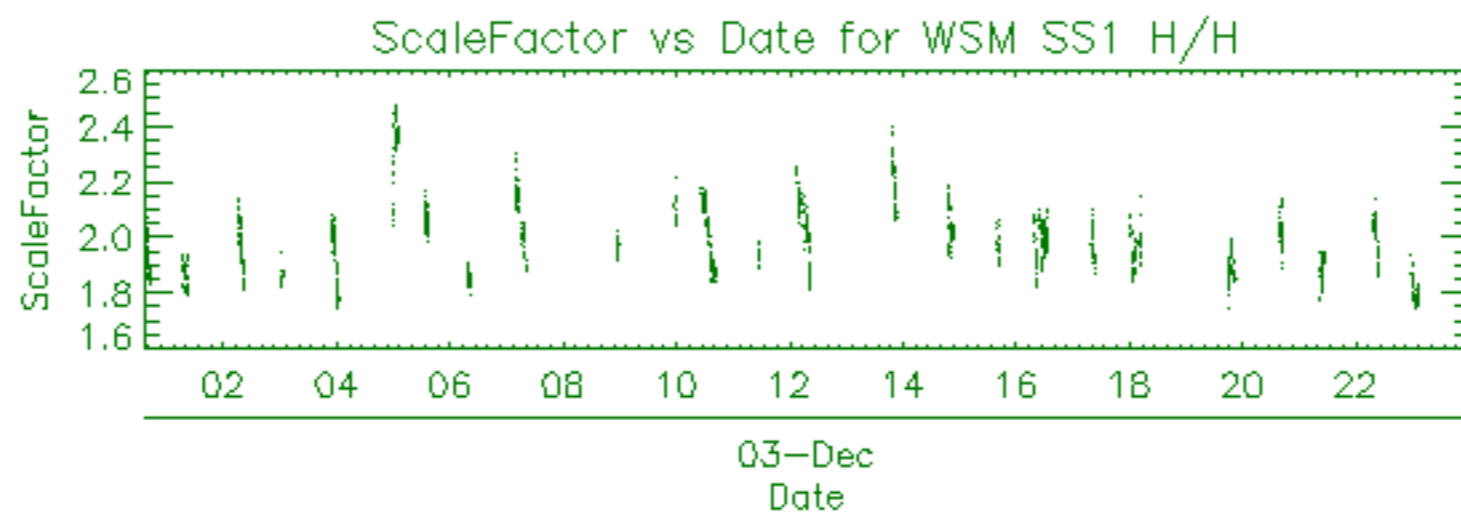


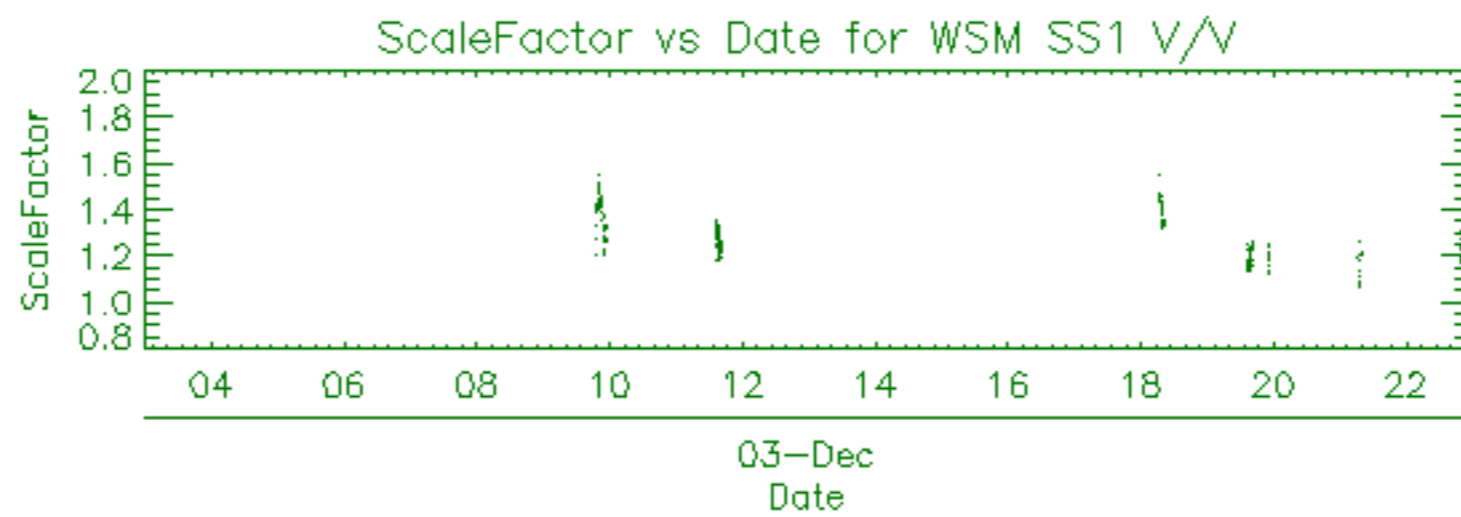












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20101203_181458_000000733097_00099_45803_1423.N1						IS4	H/H	97	45803 99 5.04



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20101203_001004_000005313097_00088_45792_1145.N1						SS1	H/H	97	45792	88	5.04
ASA_GM1_1PNPDE20101203_002601_000006283097_00088_45792_1155.N1						SS1	H/H	97	45792	88	5.04
ASA_GM1_1PNPDE20101203_005629_000001083097_00088_45792_1189.N1						SS1	H/H	97	45792	88	5.04
ASA_GM1_1PNPDE20101203_011450_000000963097_00089_45793_1186.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_012209_000010453097_00089_45793_1190.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_014323_000000903097_00089_45793_1191.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_014741_000002593097_00089_45793_1194.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_015511_000001143097_00089_45793_1199.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_020613_000005253097_00089_45793_1201.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_022823_000000783097_00089_45793_1226.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_022953_000004223097_00089_45793_1223.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_023741_000002893097_00089_45793_1219.N1						SS1	H/H	97	45793	89	5.04
ASA_GM1_1PNPDE20101203_024947_000001023097_00090_45794_1217.N1						SS1	H/H	97	45794	90	5.04
ASA_GM1_1PNPDE20101203_025219_000004343097_00090_45794_1216.N1						SS1	H/H	97	45794	90	5.04
ASA_GM1_1PNPDE20101203_030255_000009063097_00090_45794_1228.N1						SS1	H/H	97	45794	90	5.04
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ASA_GM1_1PNPDE20101203_042333_000021513097_00091_45795_1283.N1						SS1	H/H	97	45795	91	5.04
ASA_GM1_1PNPDE20101203_052644_000003263097_00091_45795_1306.N1						SS1	H/H	97	45795	91	5.04
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ASA_GM1_1PNPDE20101203_065317_000000963097_00092_45796_1331.N1						SS1	H/H	97	45796	92	5.04
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ASA_GM1_1PNPDK20101203_130650_000004473097_00096_45800_9877.N1						SS1	H/H	97	45800	96	5.04
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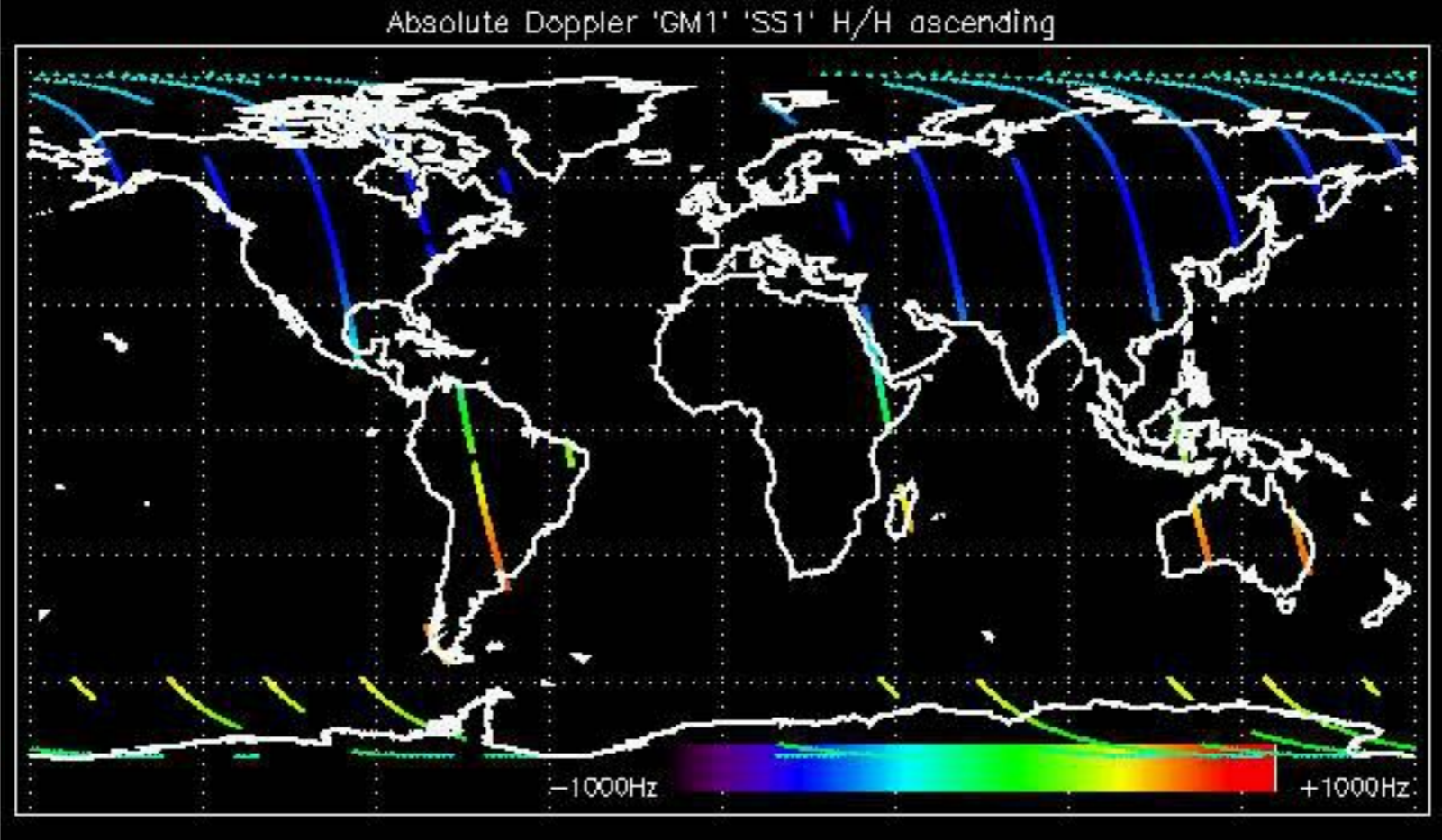
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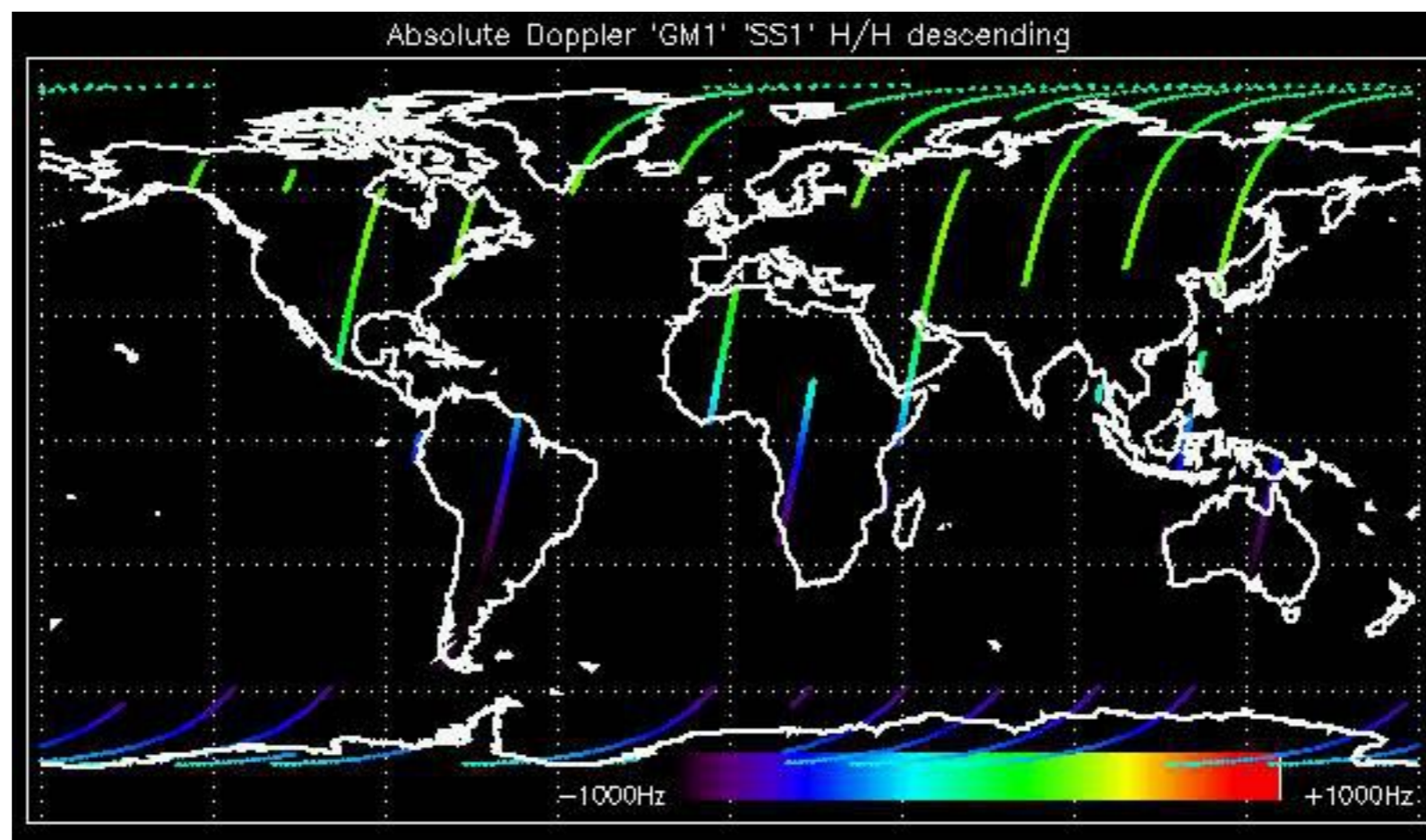
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ASA_IMM_1PNPDE20101203_025130_000000383097_00090_45794_1212.N1						IS4	H/H	97	45794	90	5.04
ASA_IMM_1PNPDE20101203_031801_000004603097_00090_45794_1215.N1						IS6	H/H	97	45794	90	5.04
ASA_IMM_1PNPDE20101203_060907_000001423097_00092_45796_1295.N1						IS6	H/H	97	45796	92	5.04
ASA_IMM_1PNPDE20101203_081430_000002903097_00093_45797_1353.N1						IS6	H/H	97	45797	93	5.04
ASA_IMM_1PNPDE20101203_082128_000002713097_00093_45797_1354.N1						IS2	V/V	97	45797	93	5.04
ASA_IMM_1PNPDK20101203_113241_000001223097_00095_45799_9806.N1						IS6	H/H	97	45799	95	5.04
ASA_IMM_1PNPDK20101203_124948_000000813097_00096_45800_9858.N1						IS6	H/H	97	45800	96	5.04
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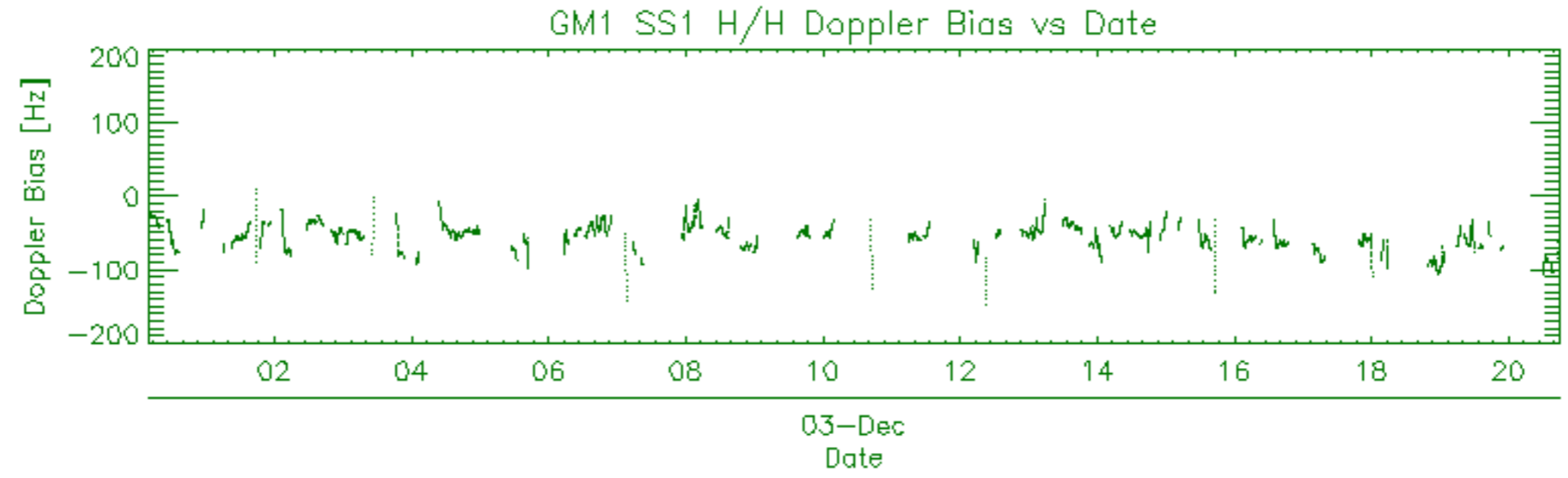
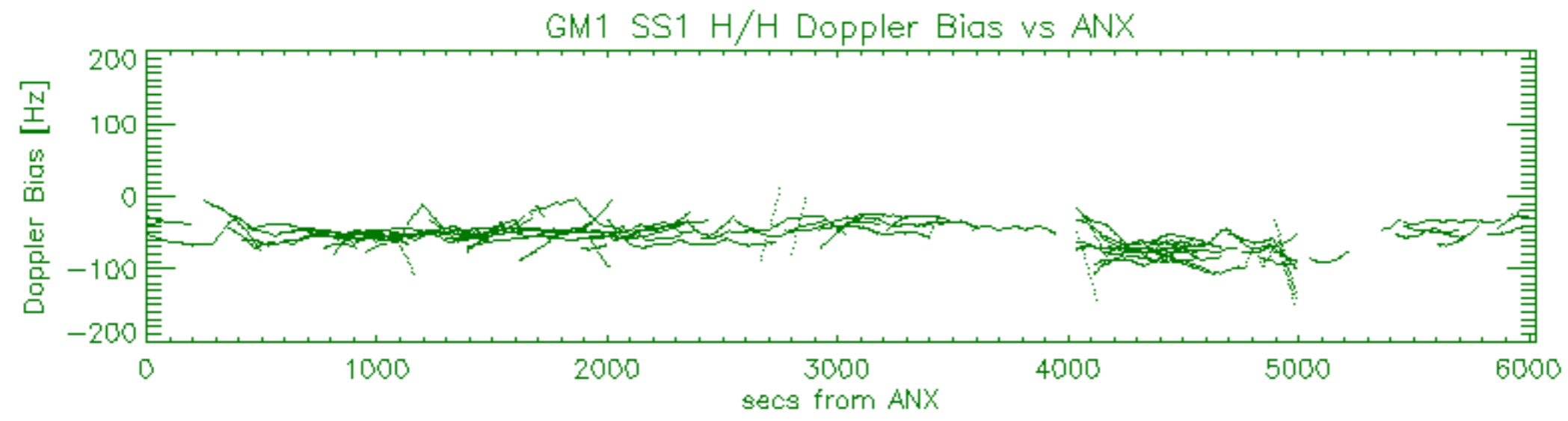
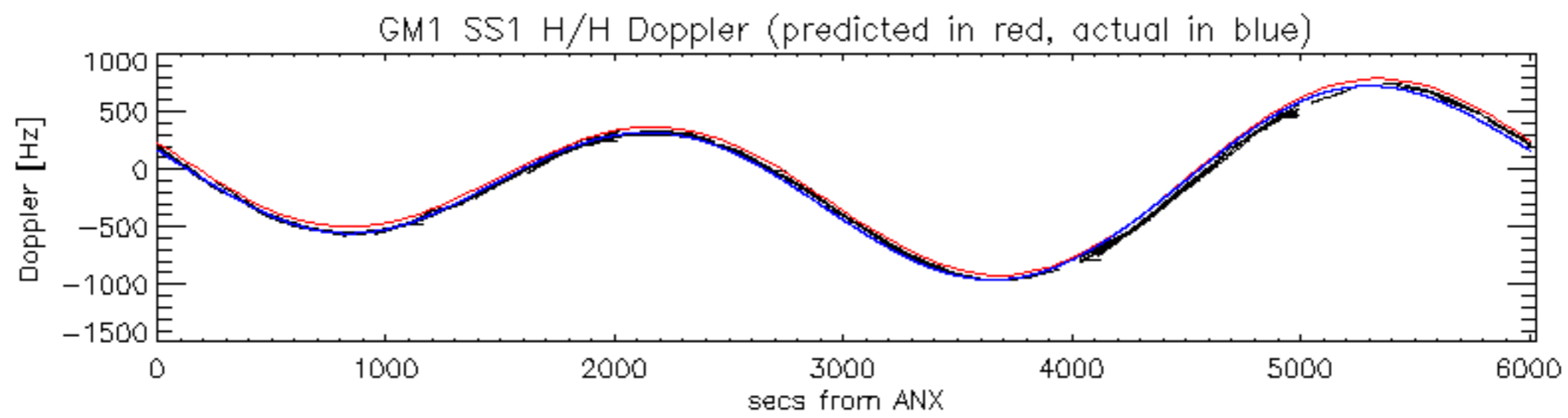
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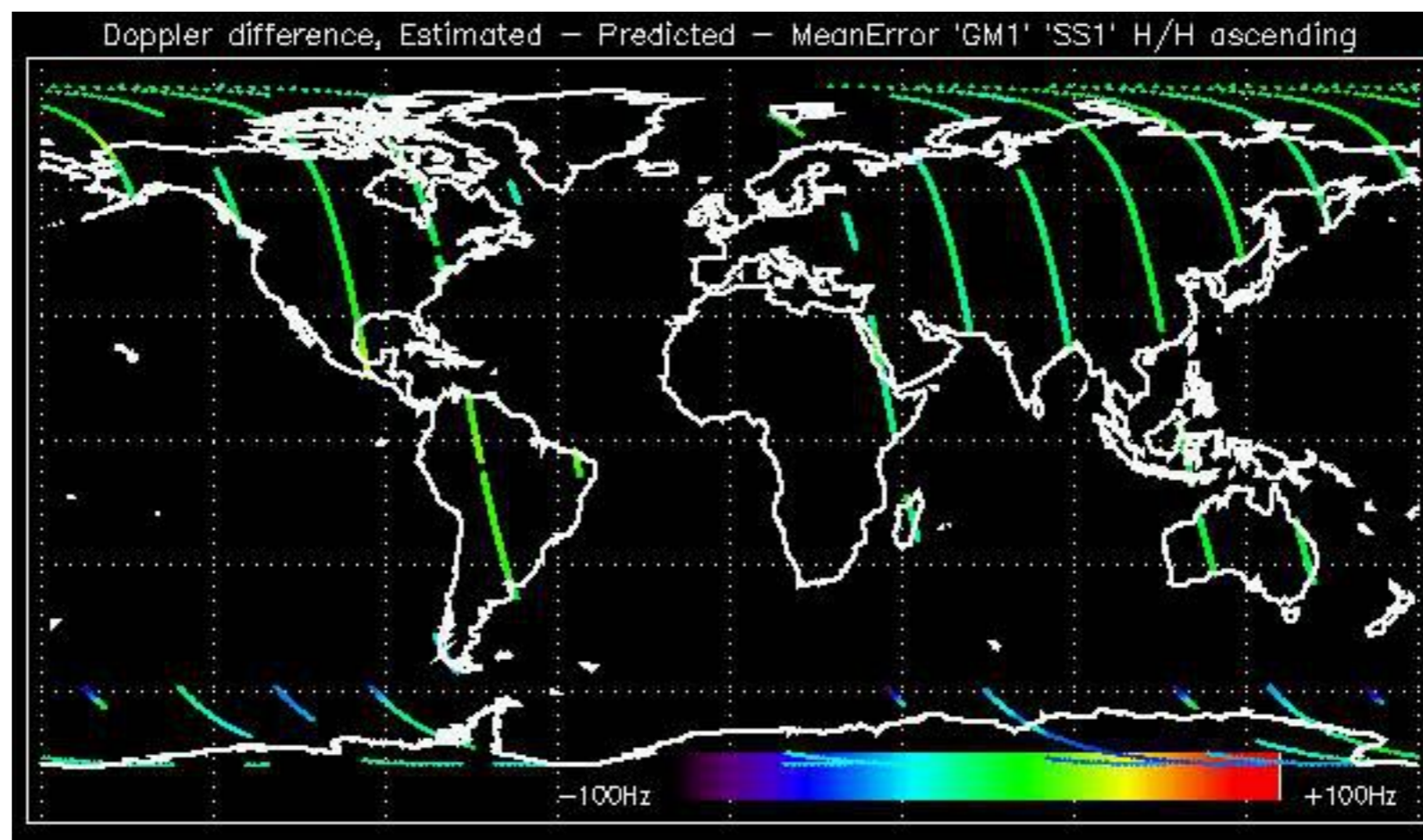
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ASA_WSM_1PNPDE20101203_021503_000004533097_00089_45793_1203.N1						SS1	H/H	97	45793	89	5.04
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ASA_WSM_1PNPDE20101203_035343_000005143097_00090_45794_1254.N1						SS1	H/H	97	45794	90	5.04
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ASA_WSM_1PNPDE20101203_053215_000003123097_00091_45795_1294.N1						SS1	H/H	97	45795	91	5.04
ASA_WSM_1PNPDE20101203_061802_000002203097_00092_45796_1296.N1						SS1	H/H	97	45796	92	5.04
ASA_WSM_1PNPDE20101203_070838_000002883097_00092_45796_1335.N1						SS1	H/H	97	45796	92	5.04
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ASA_WSM_1PNPDE20101203_224851_000002083097_00102_45806_1497.N1						SS1	V/V	97	45806	102	5.04
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ASA_WSM_1PNPDE20101203_230354_000002203097_00102_45806_1499.N1						SS1	H/H	97	45806	102	5.04
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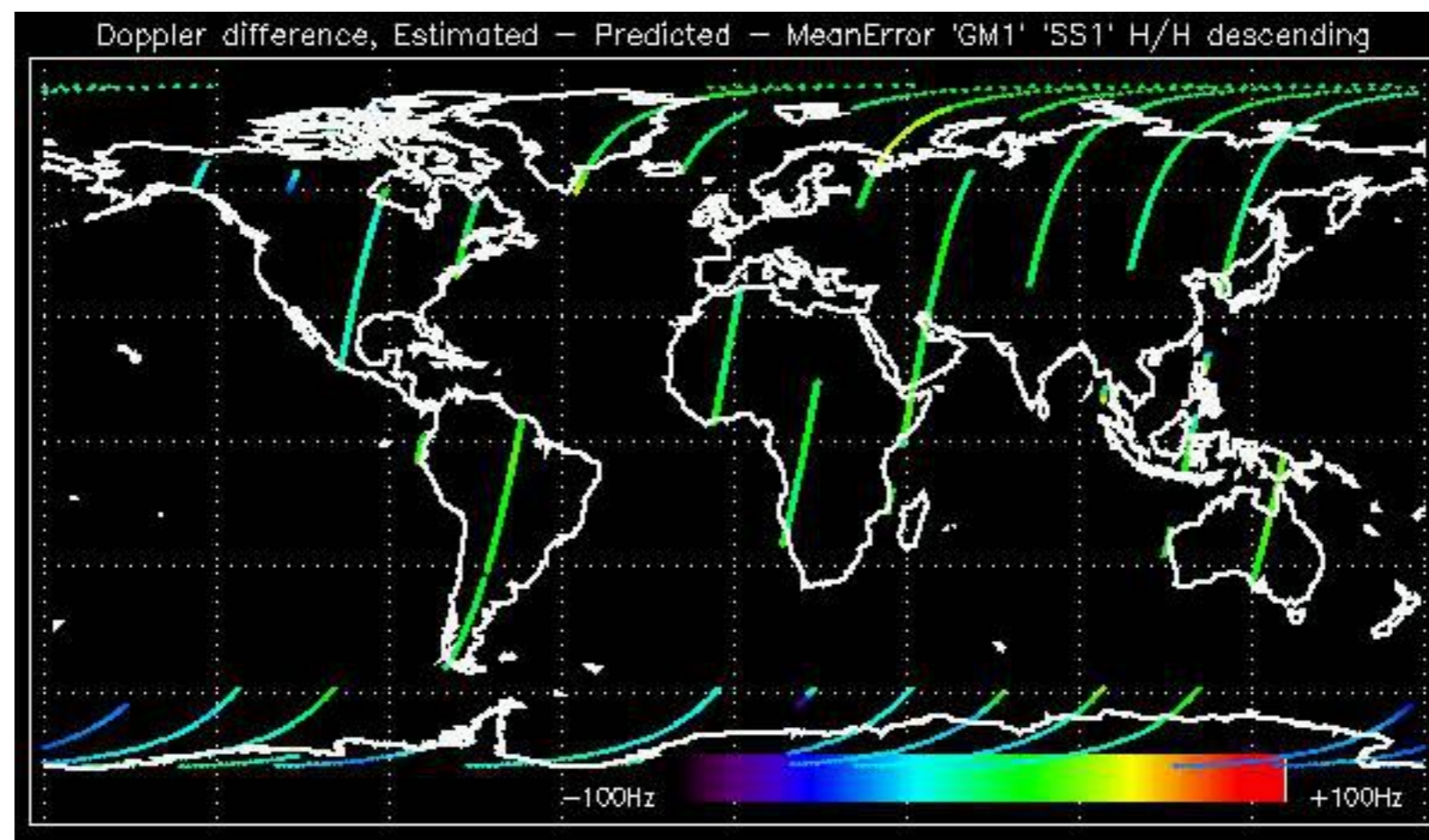
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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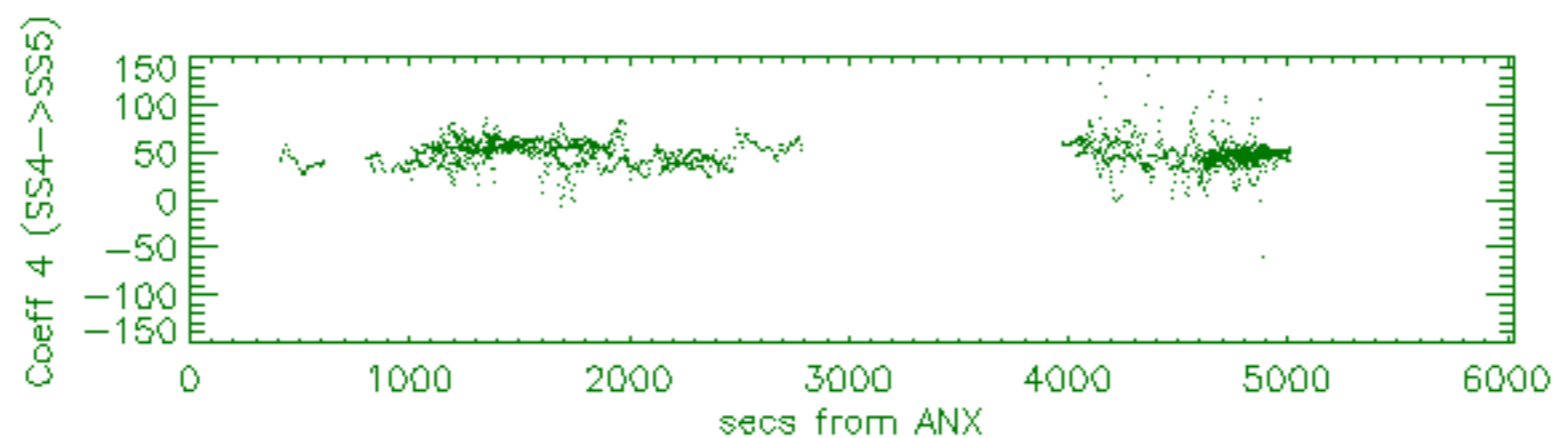
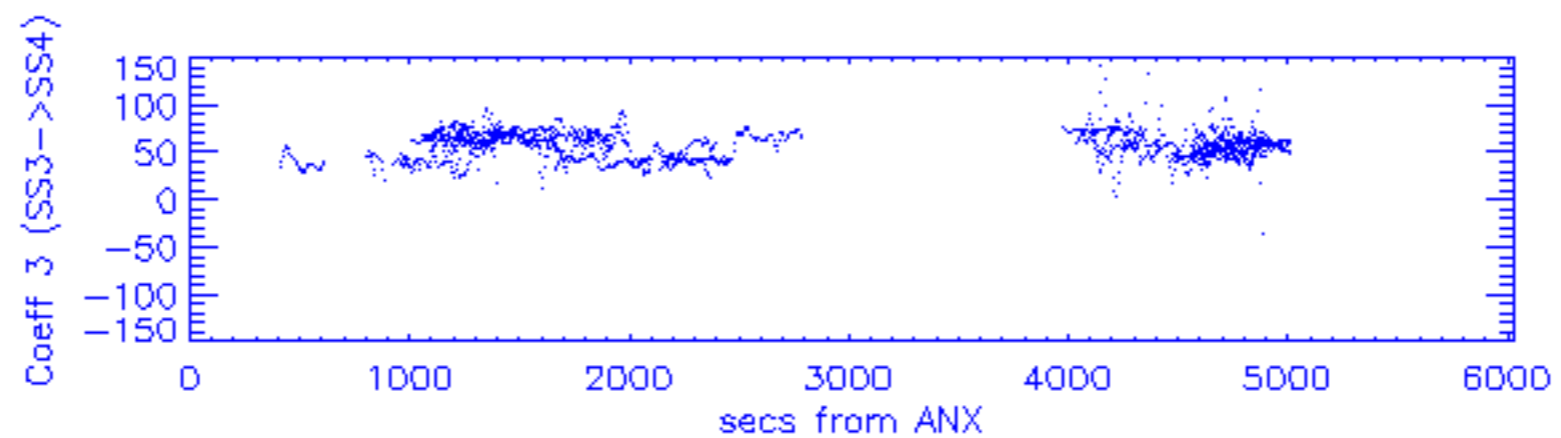
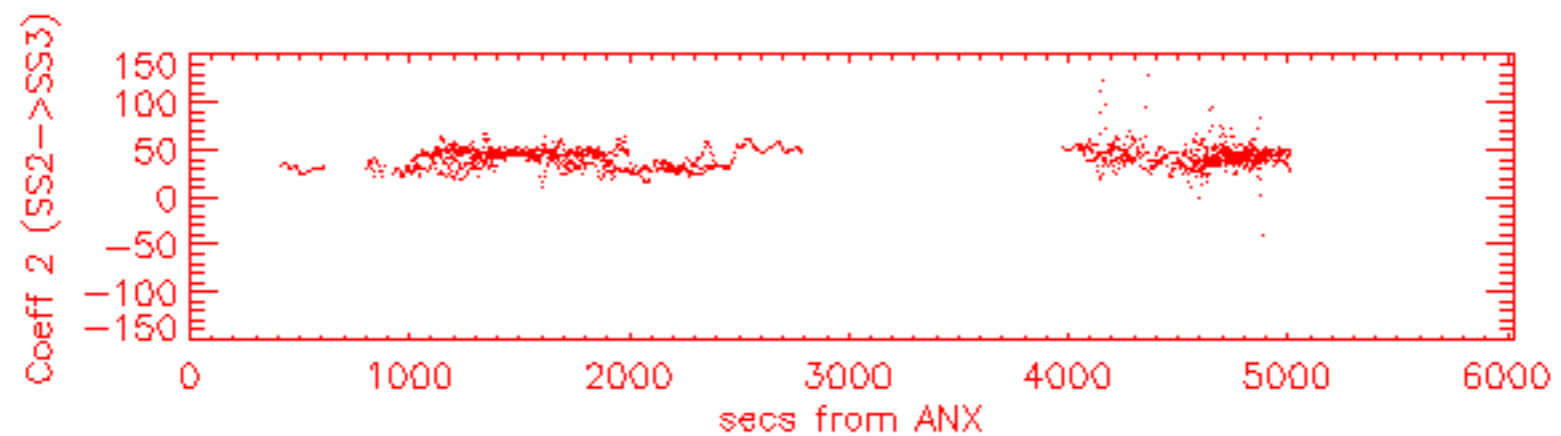
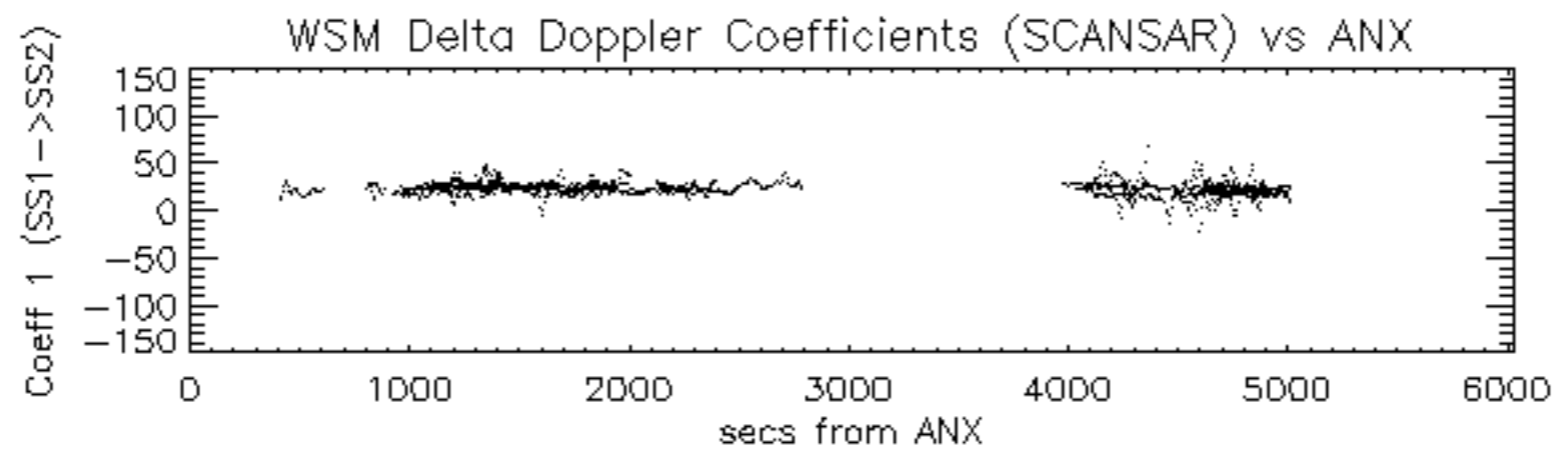


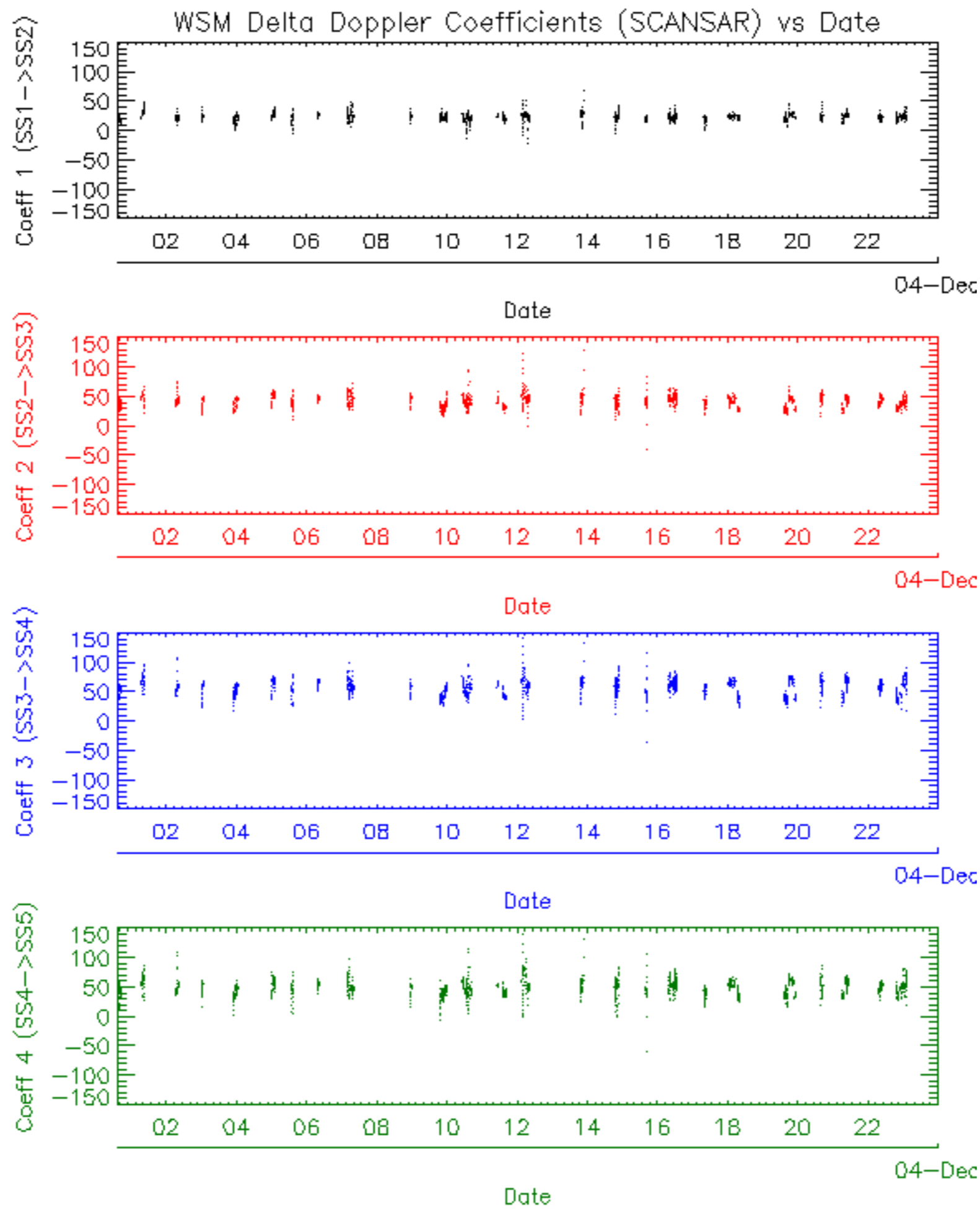


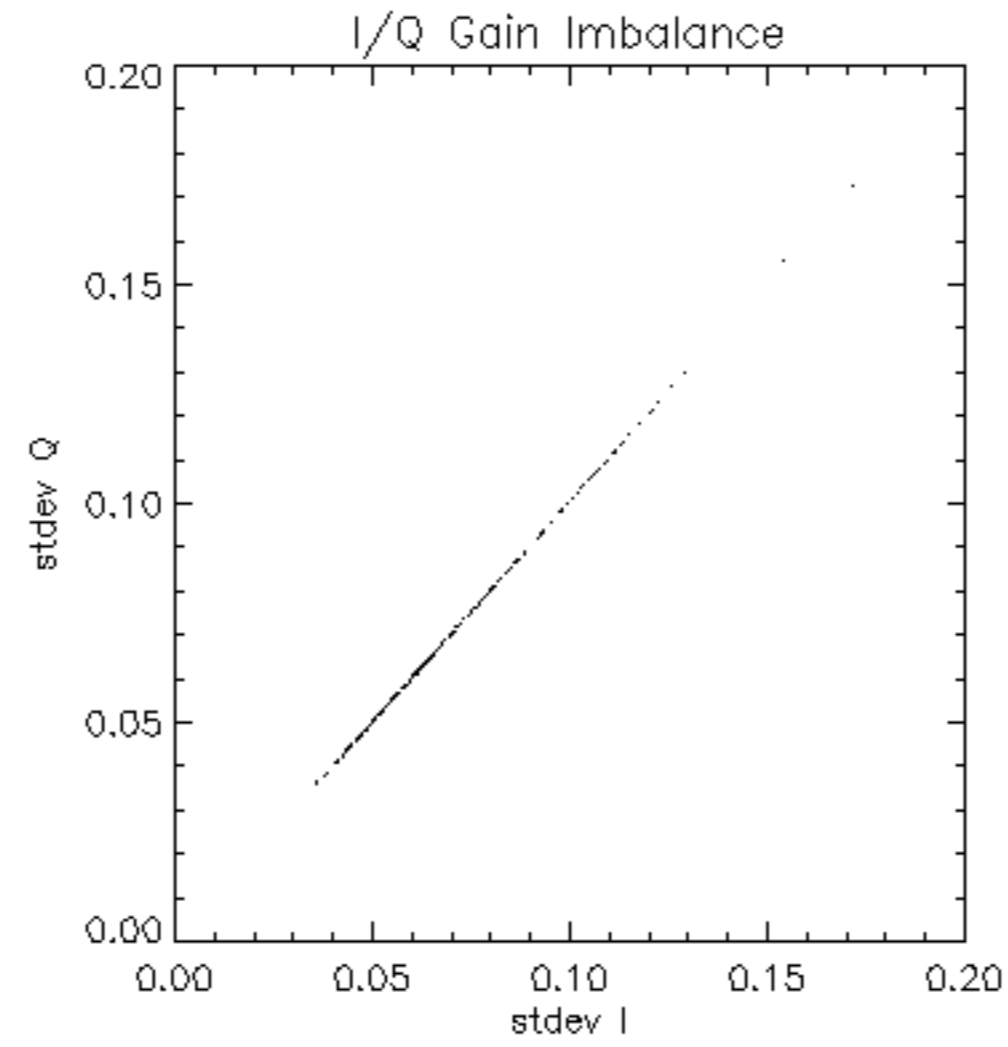


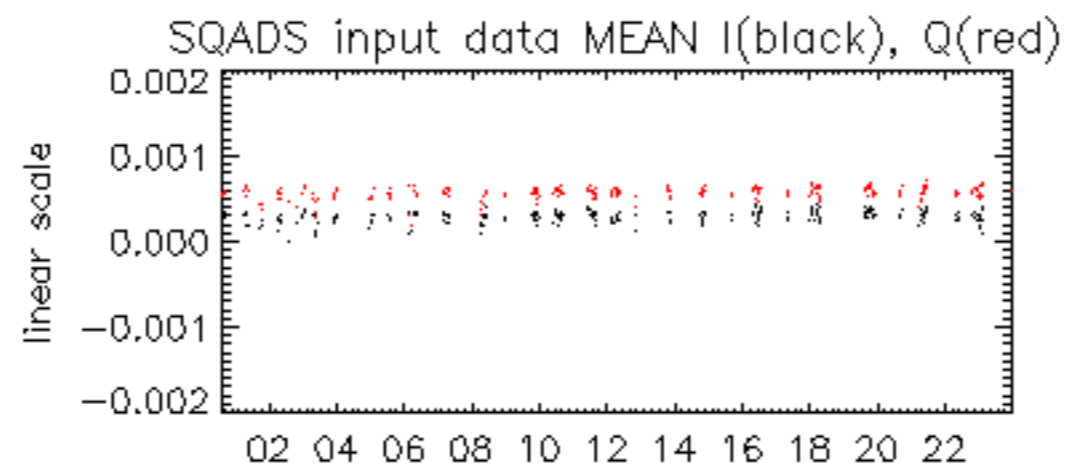




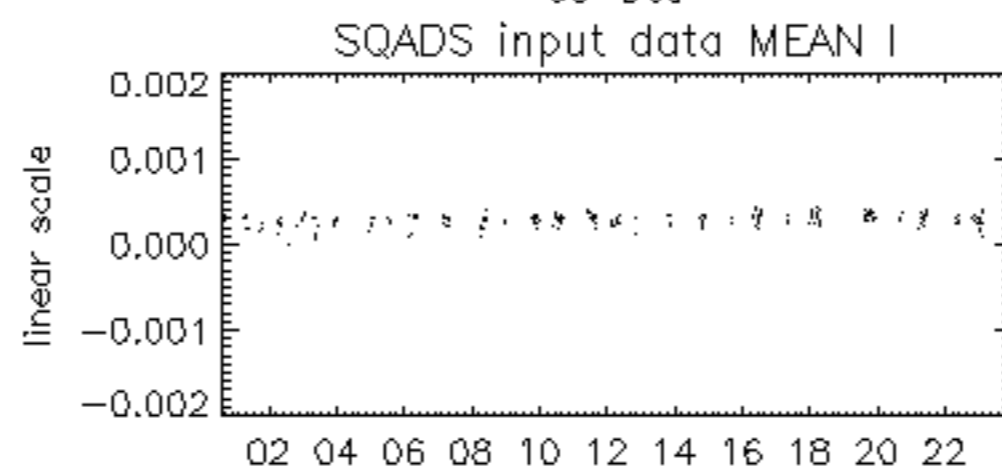




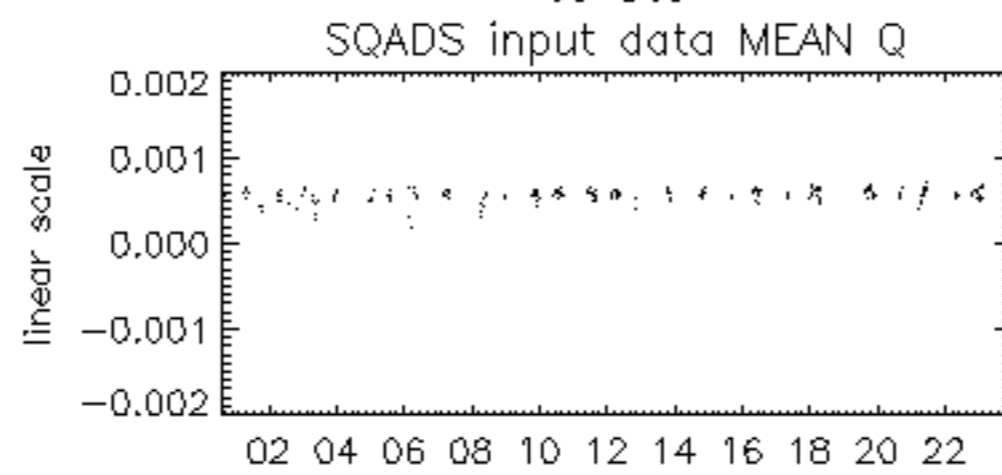




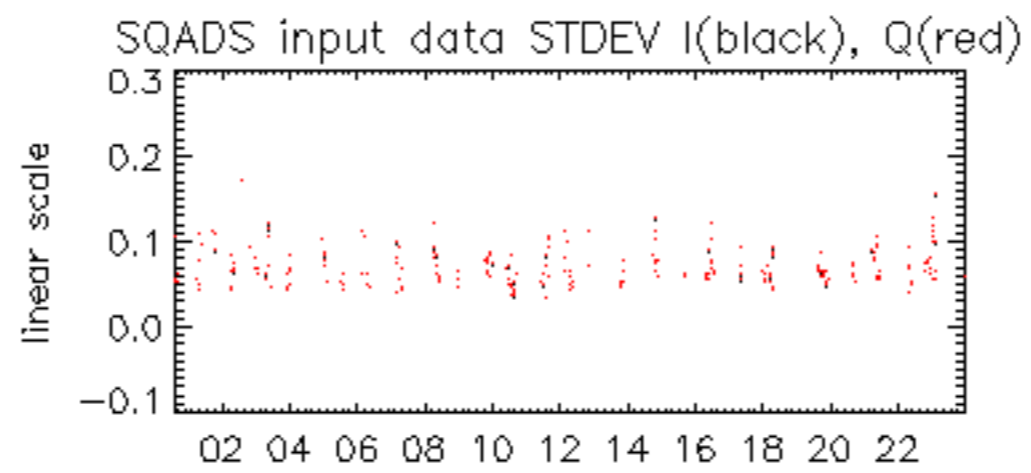
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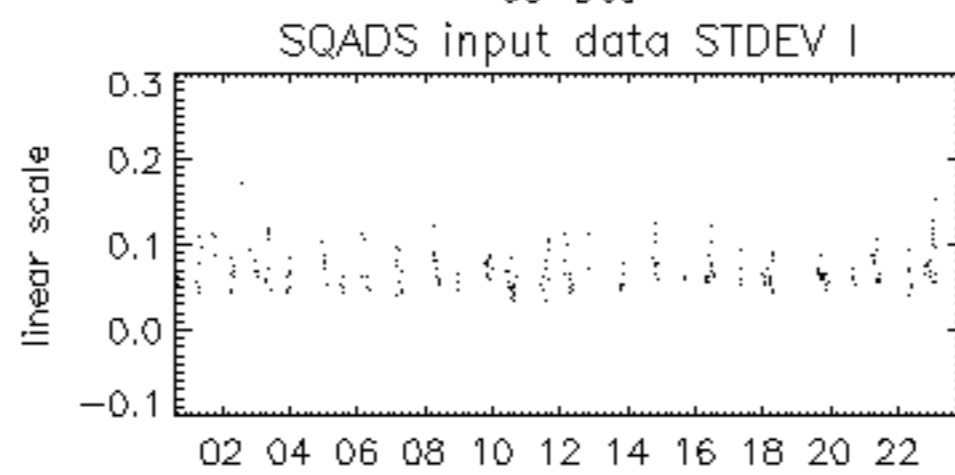
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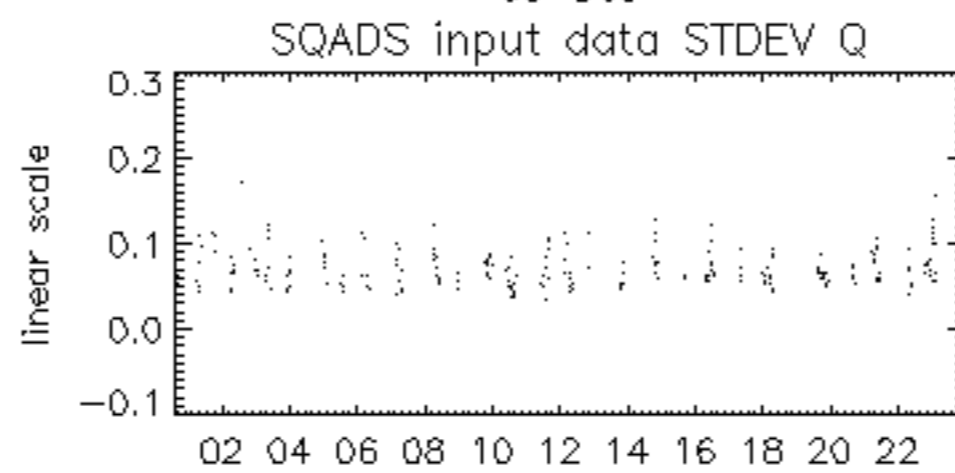
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