



Analysis from 01-DEC-2010 00:00:00 to 01-DEC-2010 23:59:59. Page generated on 02-DEC-2010 15:43:22.
View log file: ASAR_Daily_Report_20101202_1542.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
PDE	IS2	H/H	1	PDE	WS	H/H	29	PDE	IS4	V/H	3	PDE	IS2	V/V	1	PDE	WS	H/H	27	PDE	2010-12-01 21:42:15	V	320
PDE	IS4	H/H	1	PDK	WS	H/H	43					PDE	IS4	H/H	1	PDE	WS	V/V	6	PDK	2010-12-01 20:02:01	H	320
												PDE	IS6	H/H	3								
												PDE	IS6	V/V	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_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

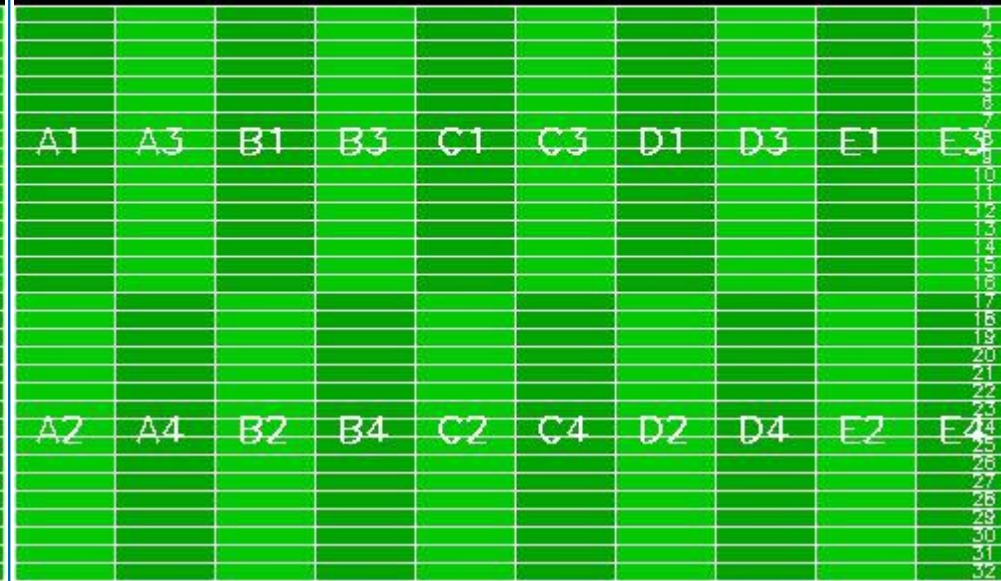
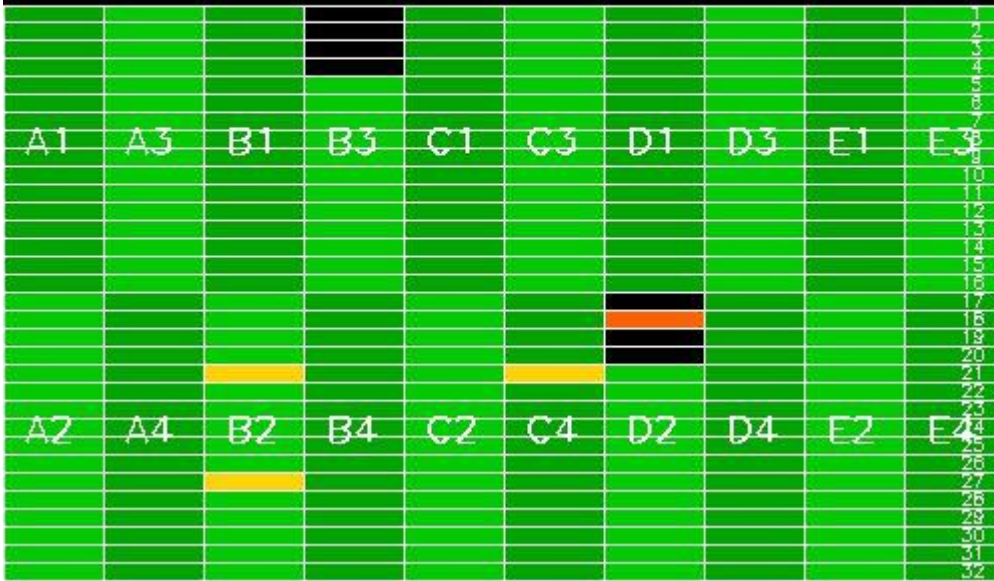
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
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Pre-launch reference (2001-02-09)

Previous product in the same polarisation

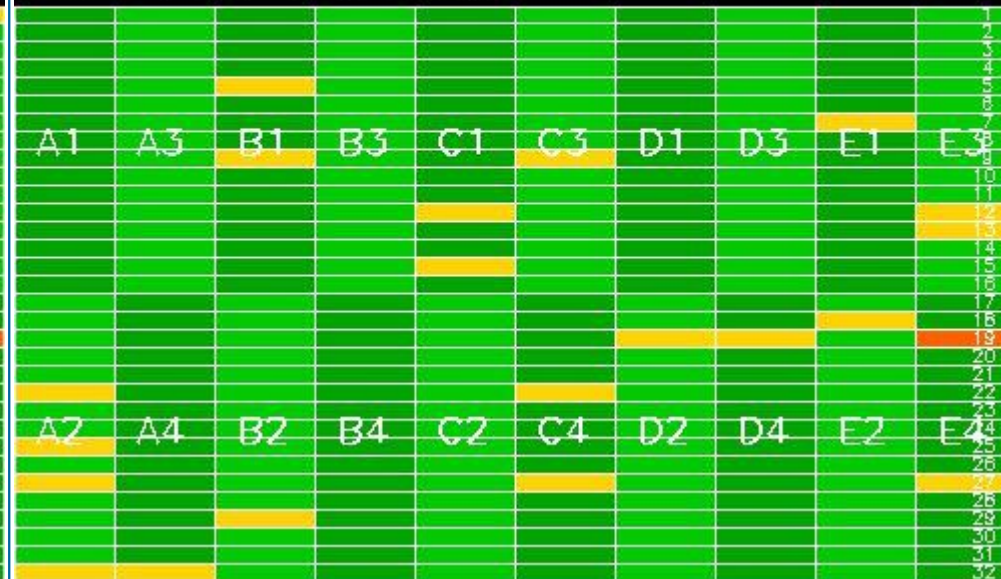
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2010-12-01 21:42:15 V

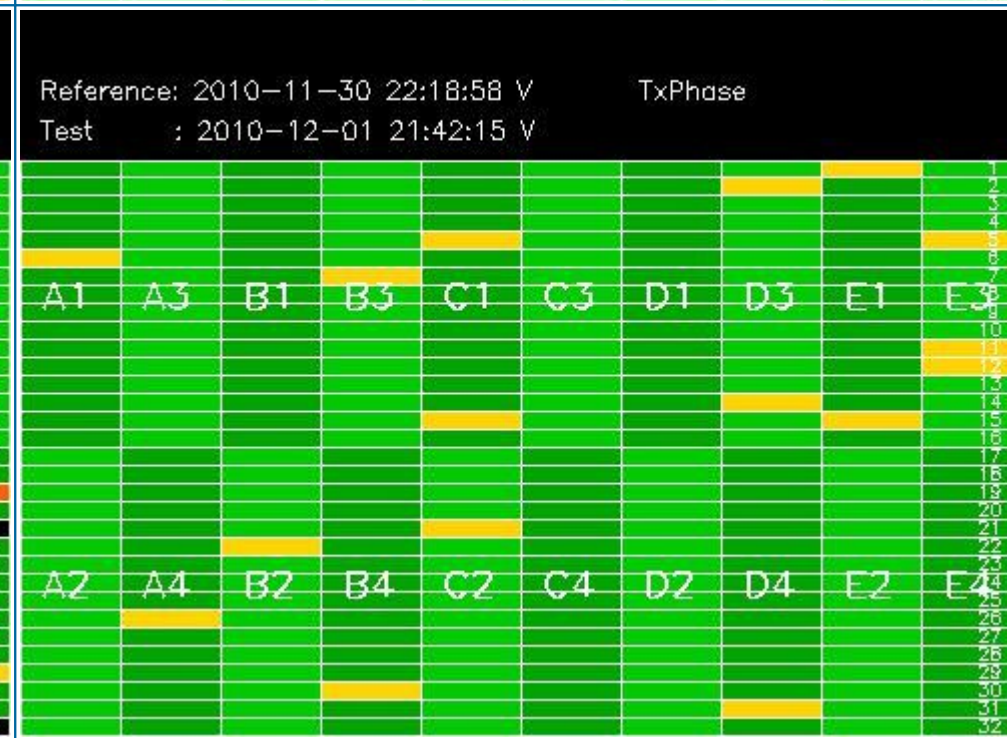
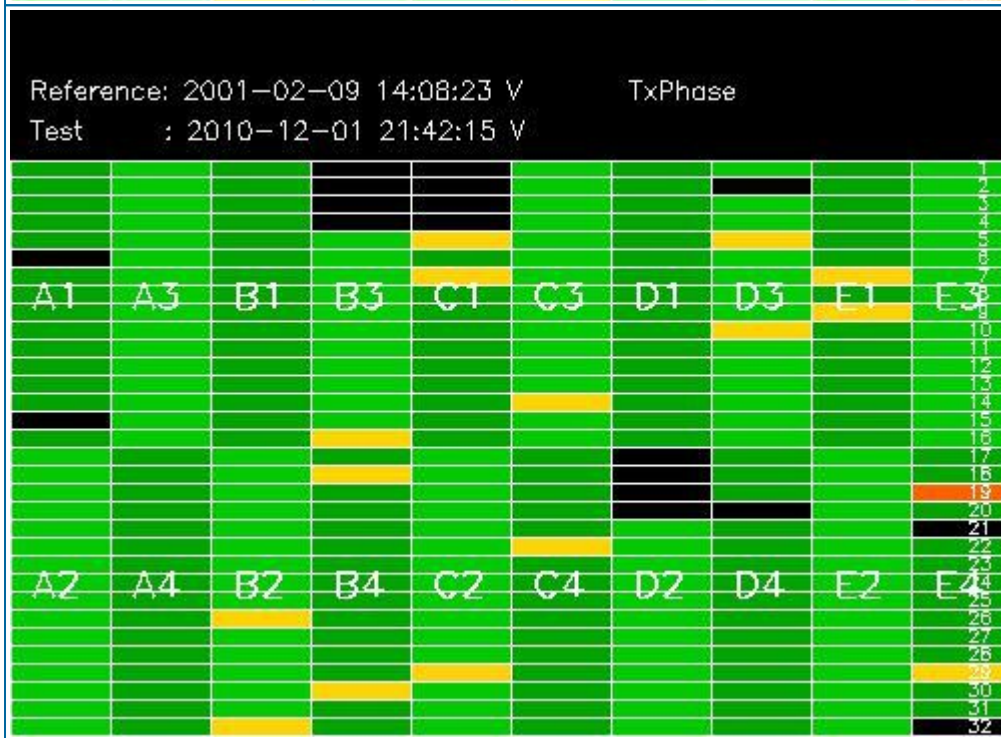
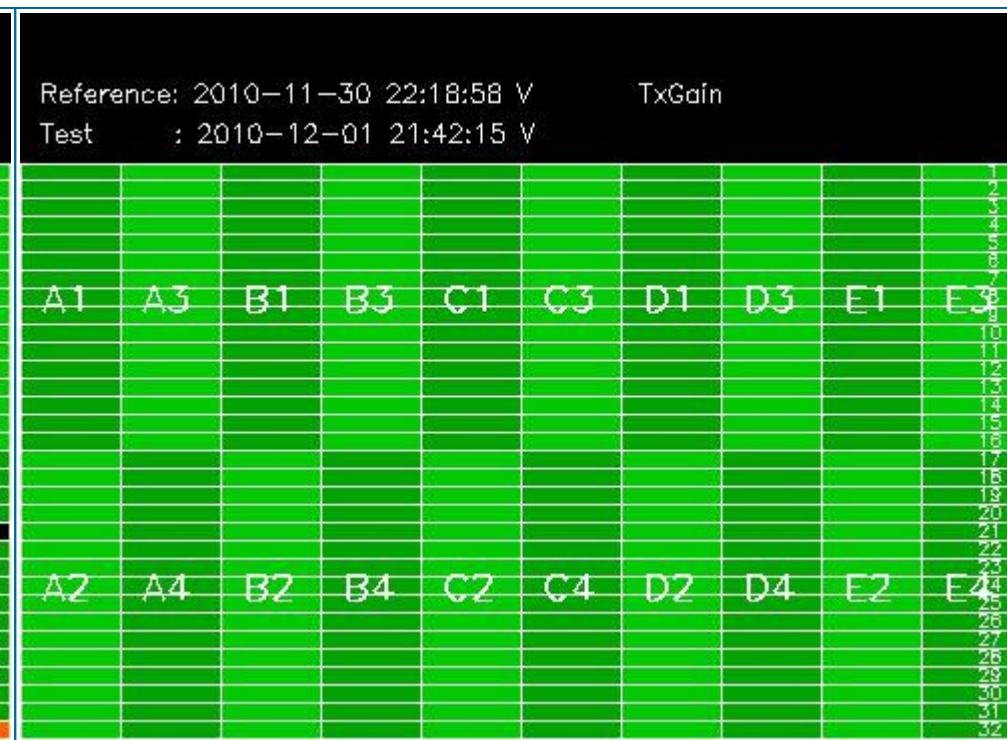
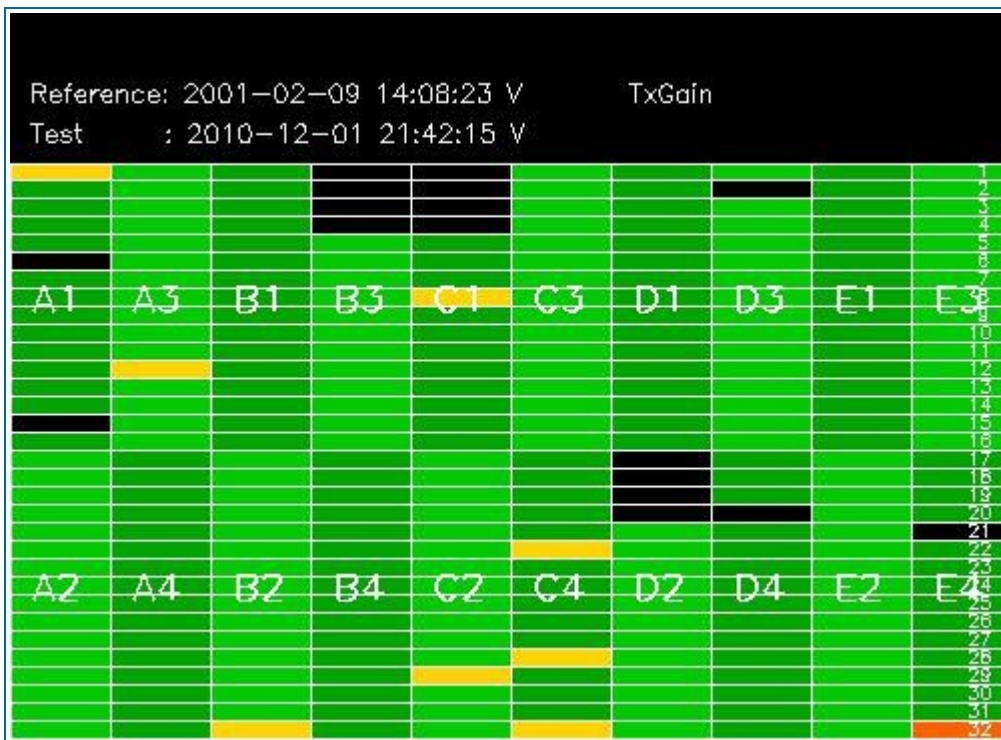
Reference: 2010-11-30 22:18:58 V RxGain
 Test : 2010-12-01 21:42:15 V



Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2010-12-01 21:42:15 V

Reference: 2010-11-30 22:18:58 V RxPhase
 Test : 2010-12-01 21:42:15 V

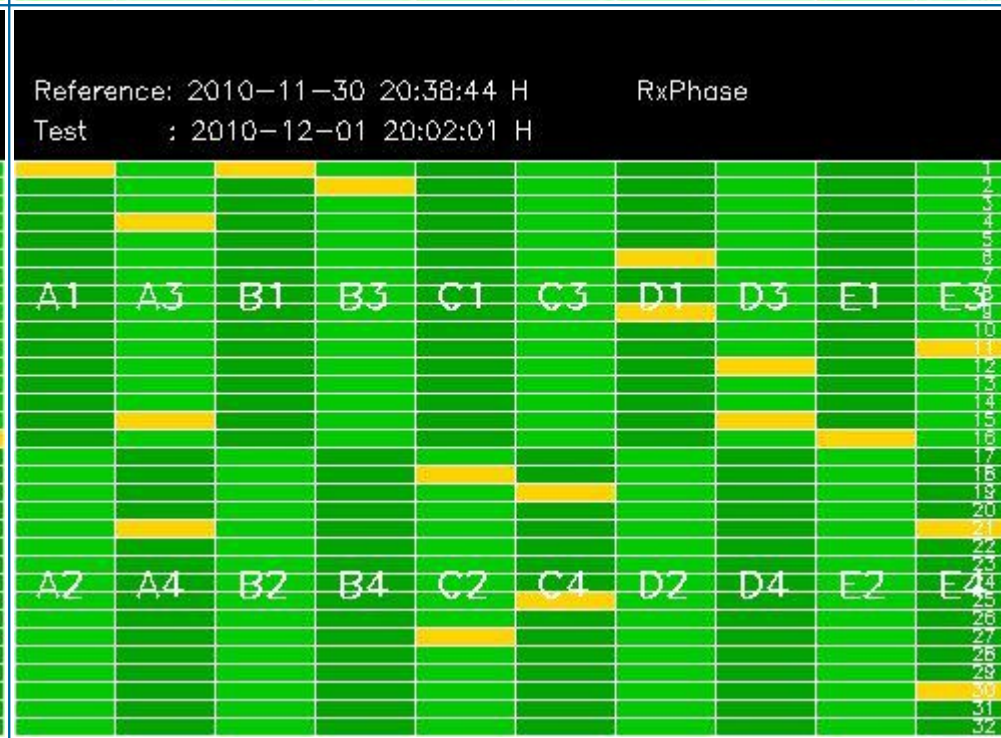
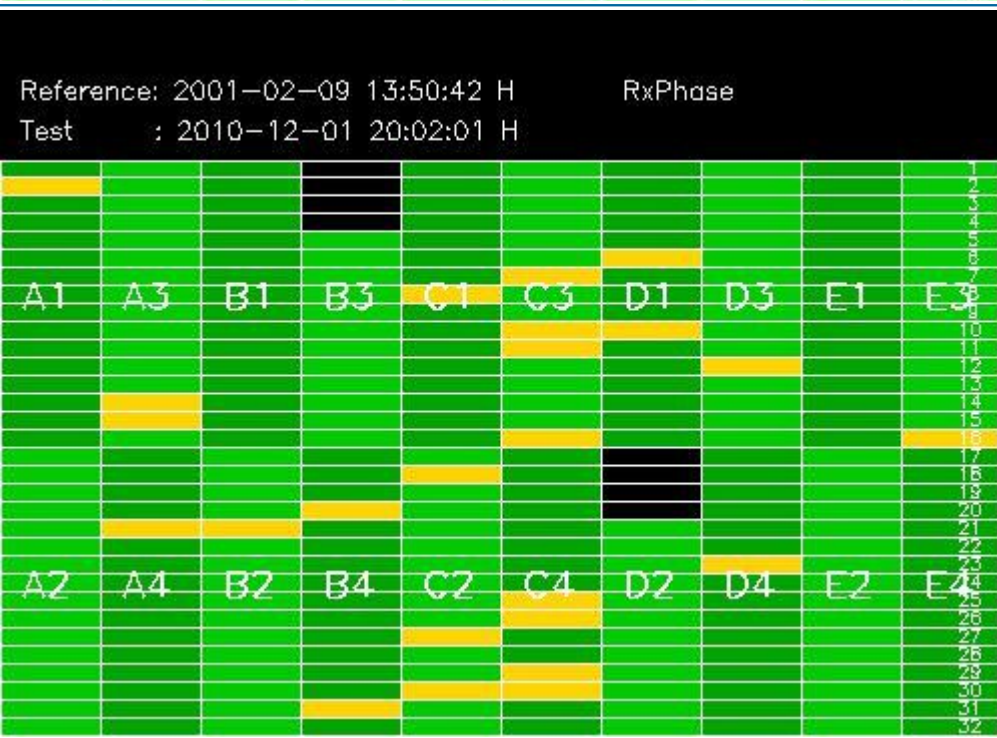
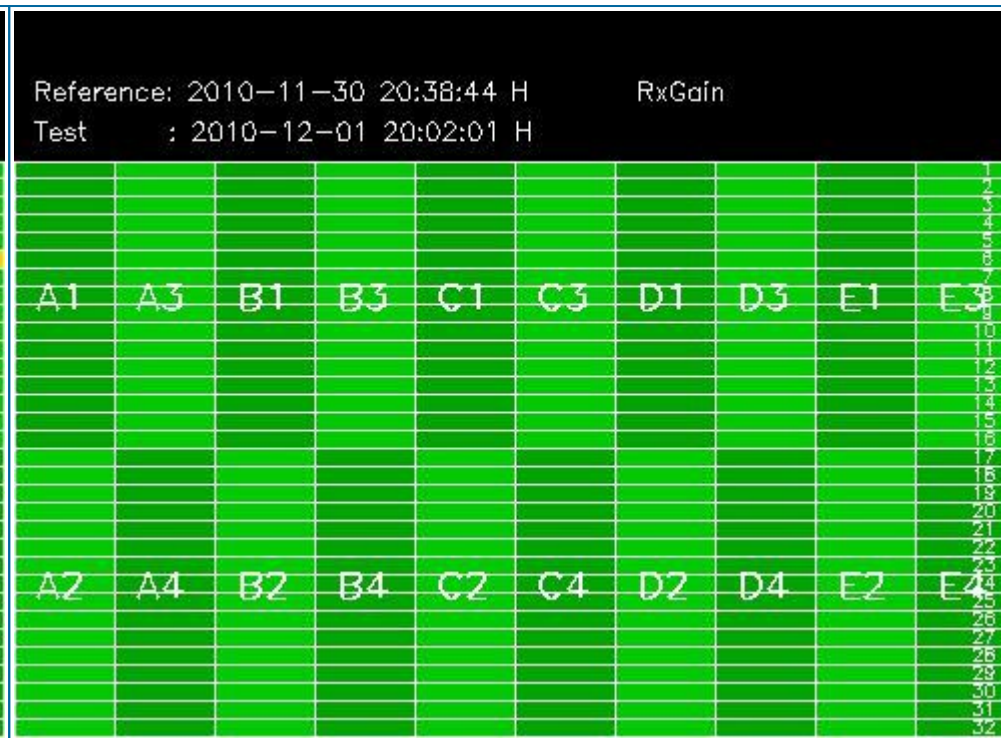
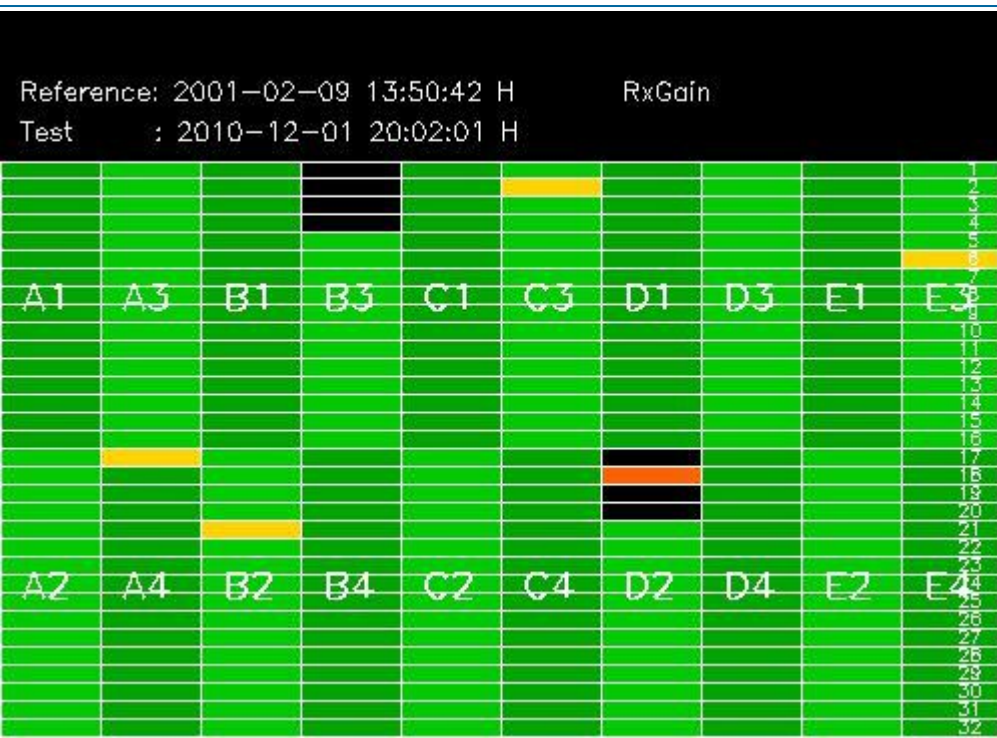


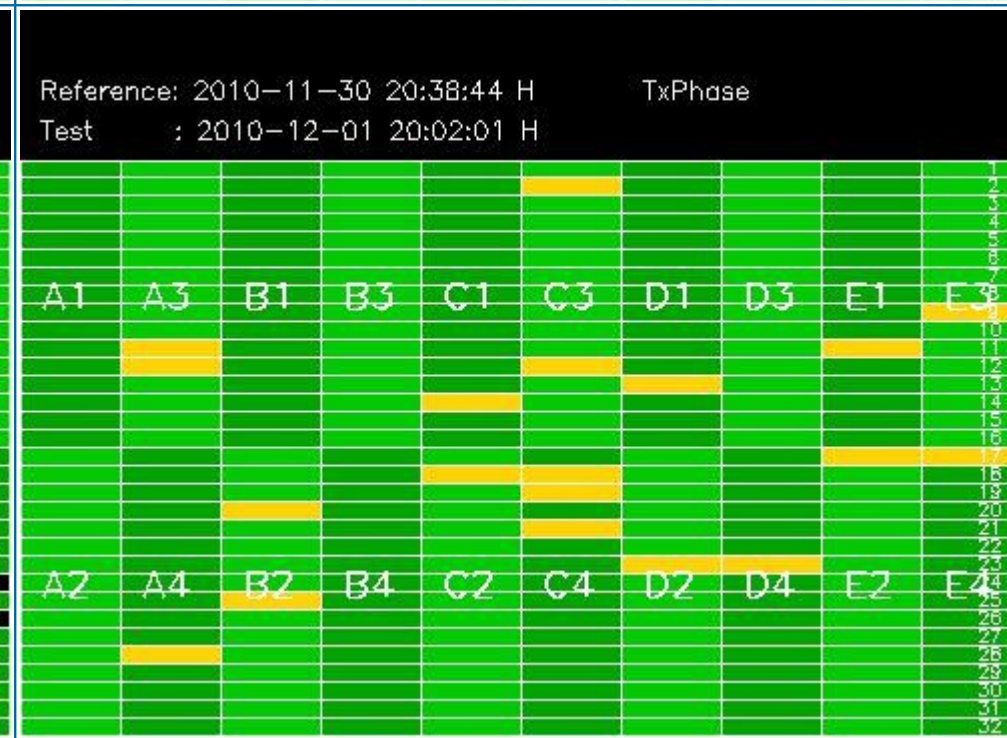
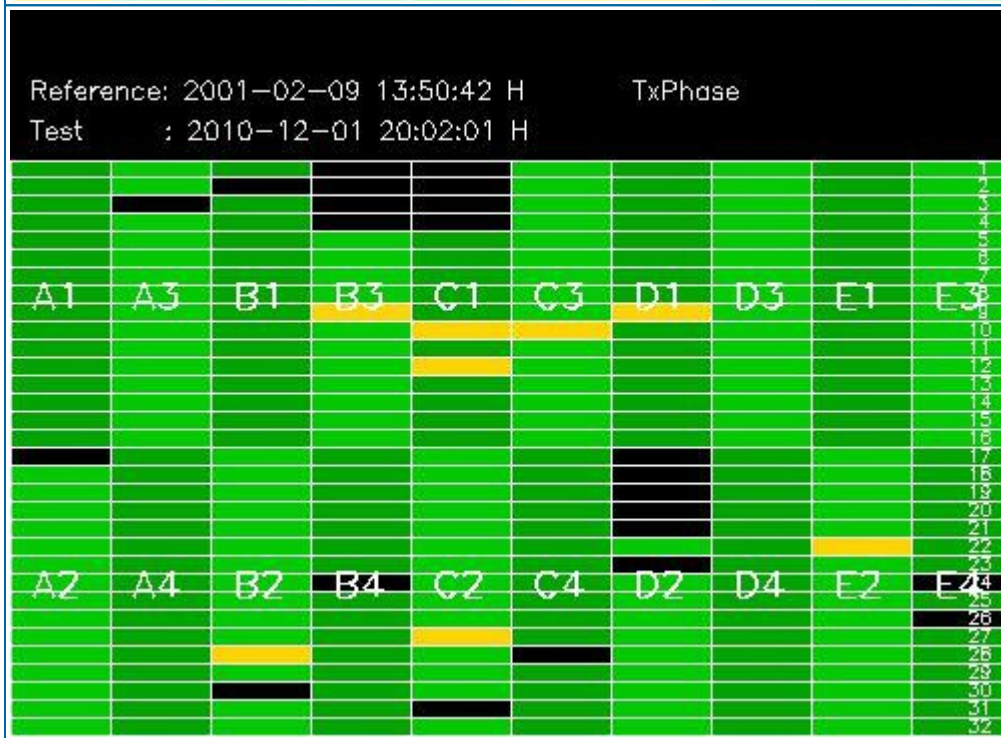
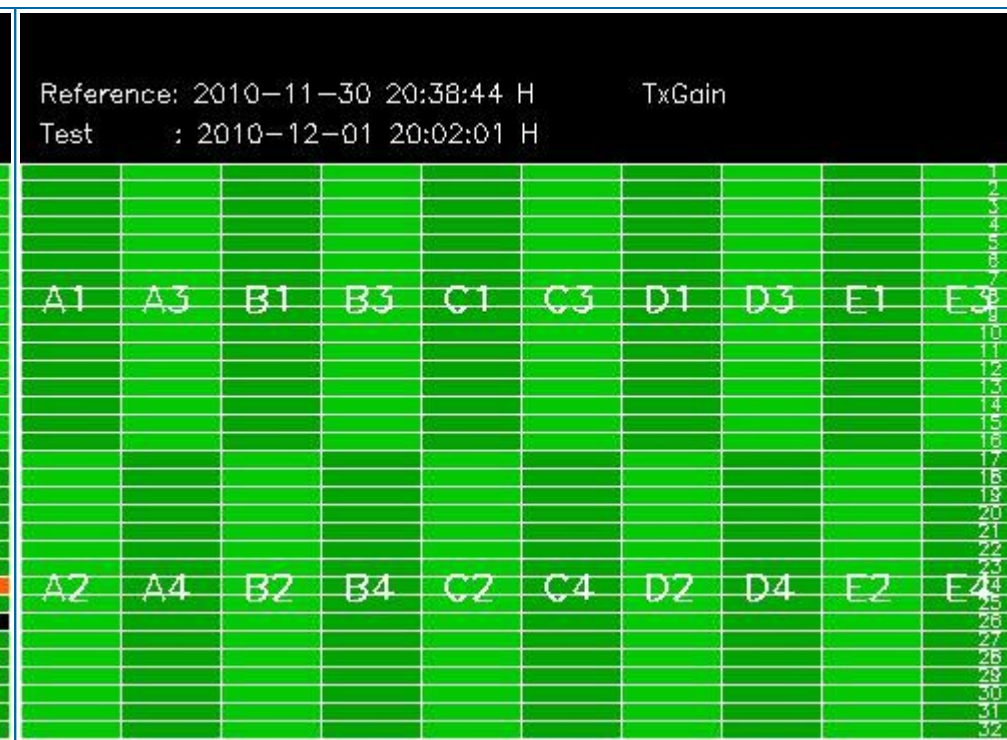
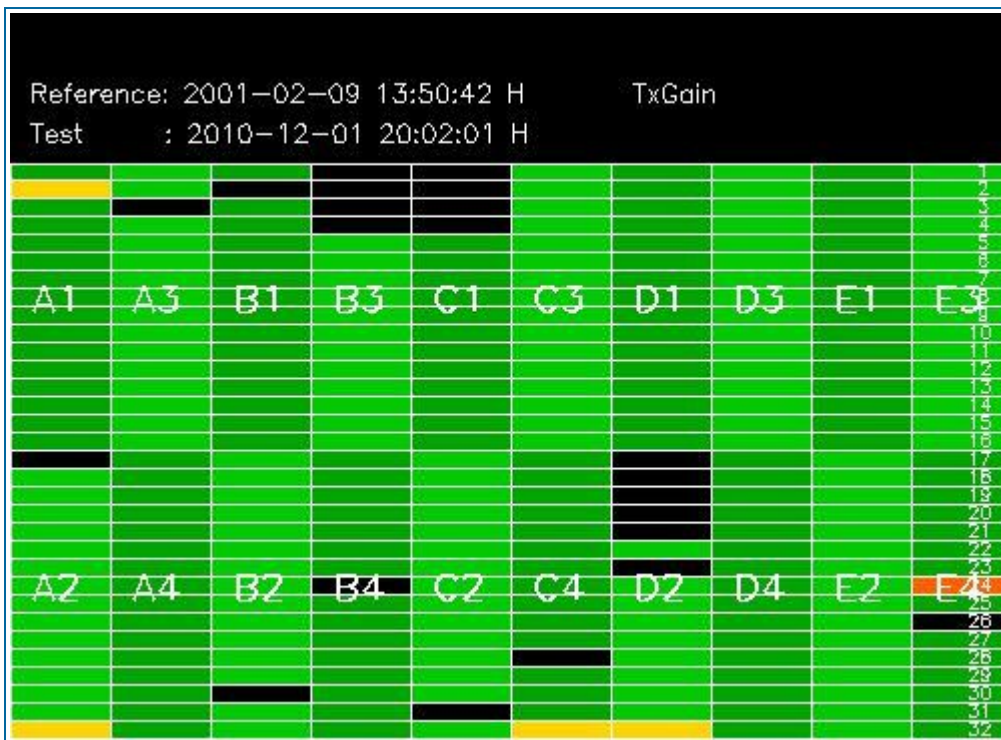


3.2 - H/H polarisation

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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

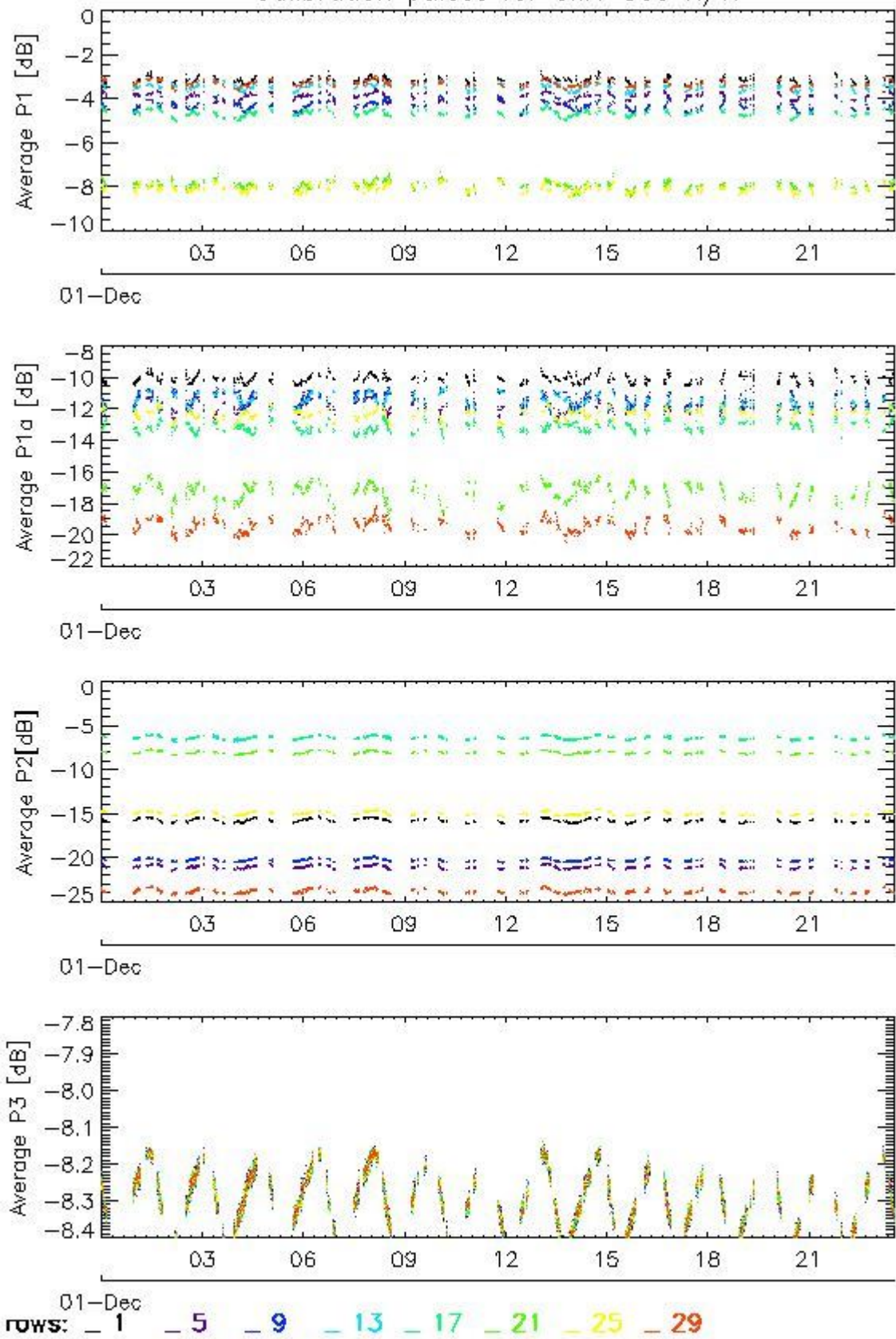
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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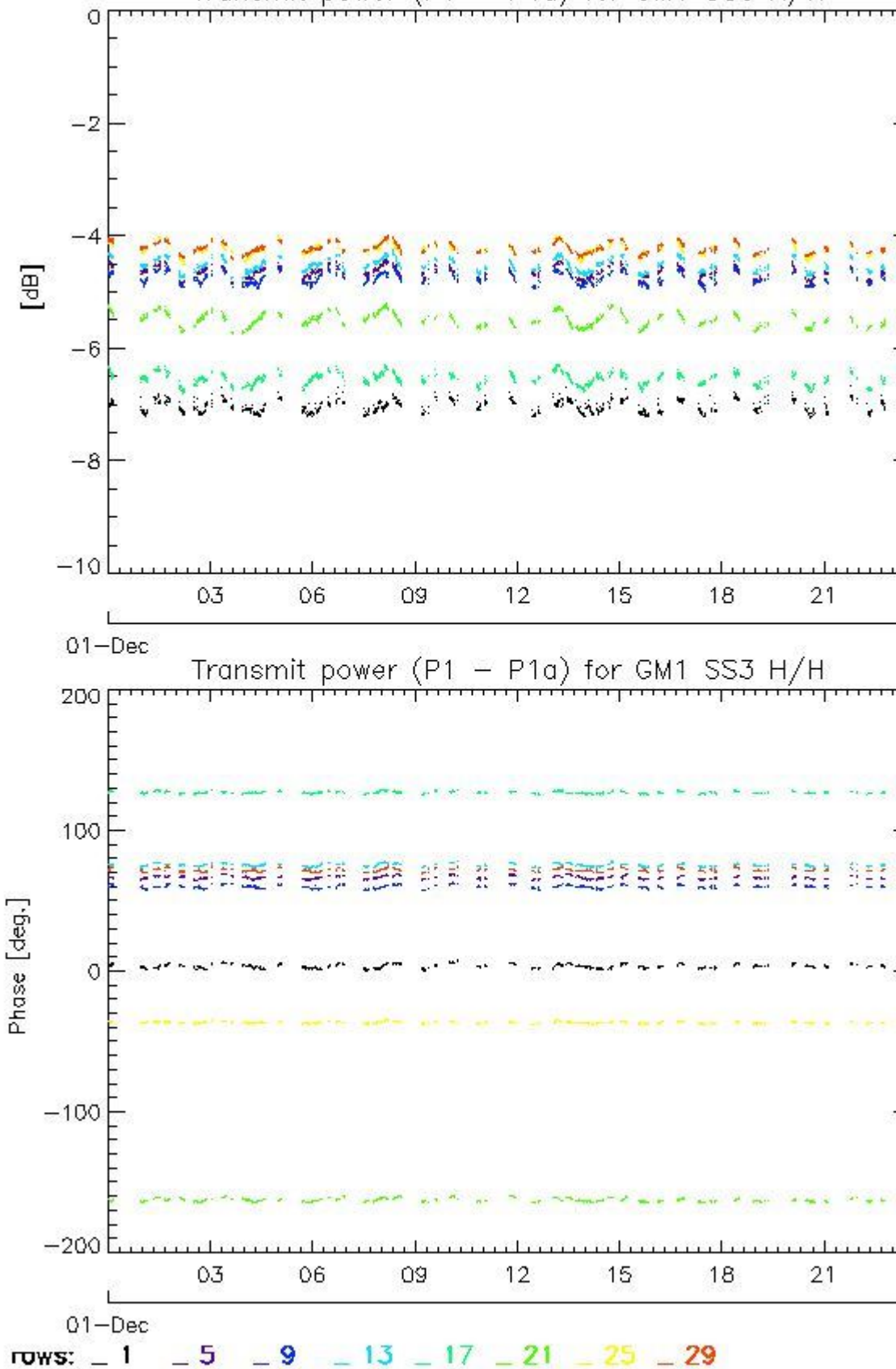
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

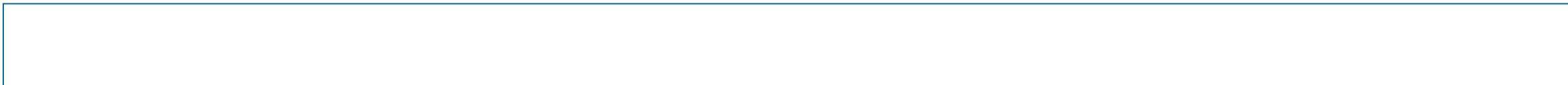


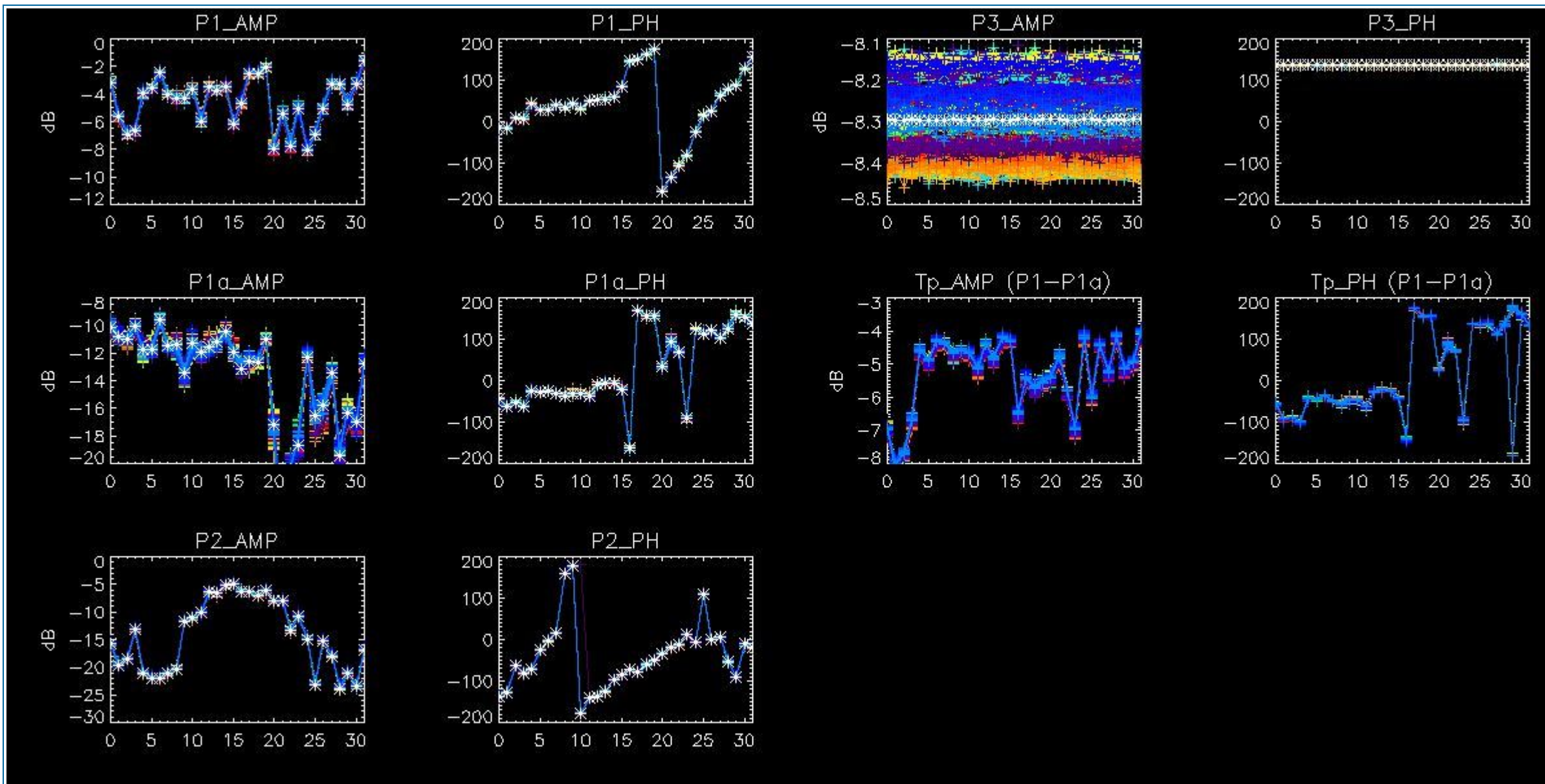
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

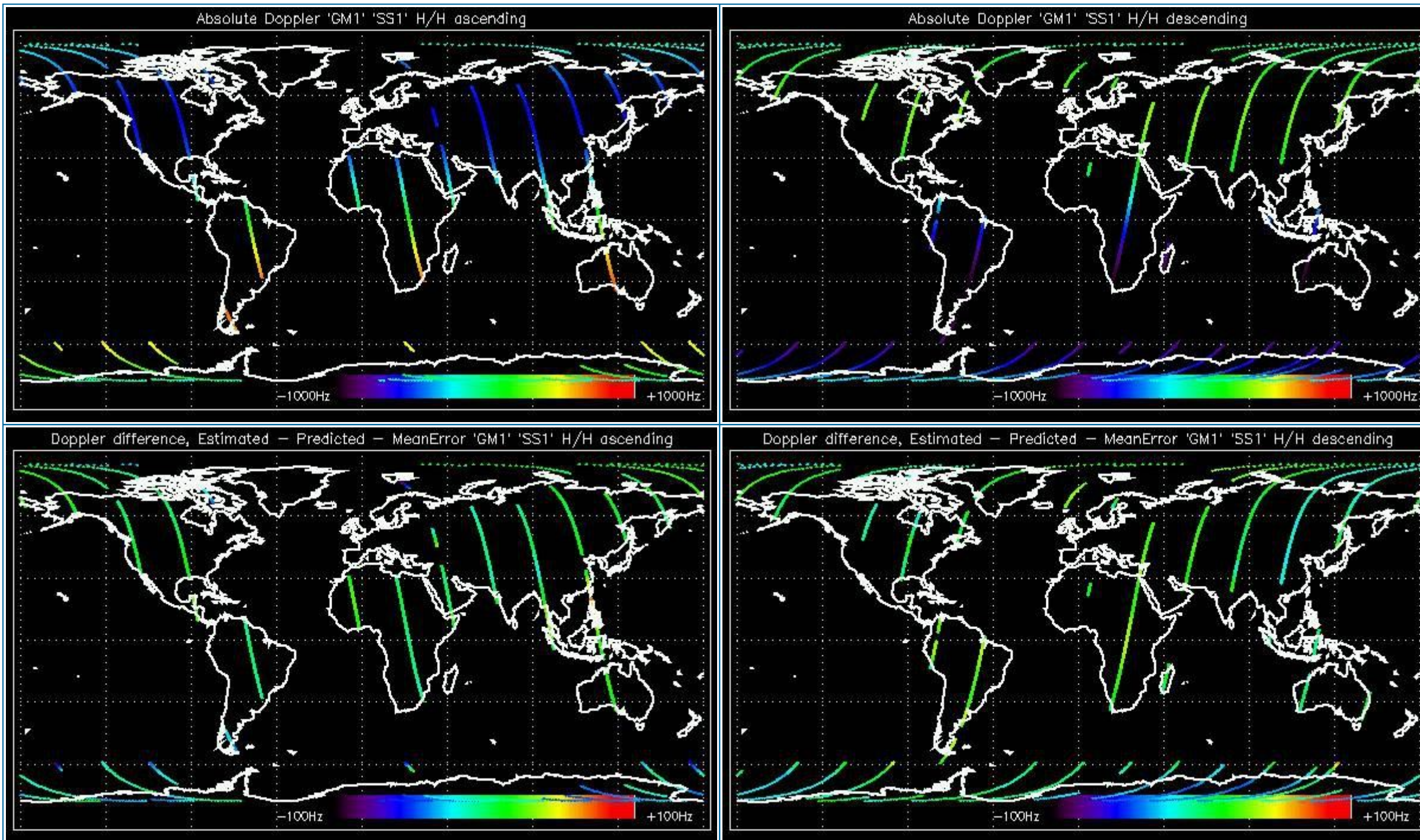
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5.2 - Analysis for GM1 SS1 H/H

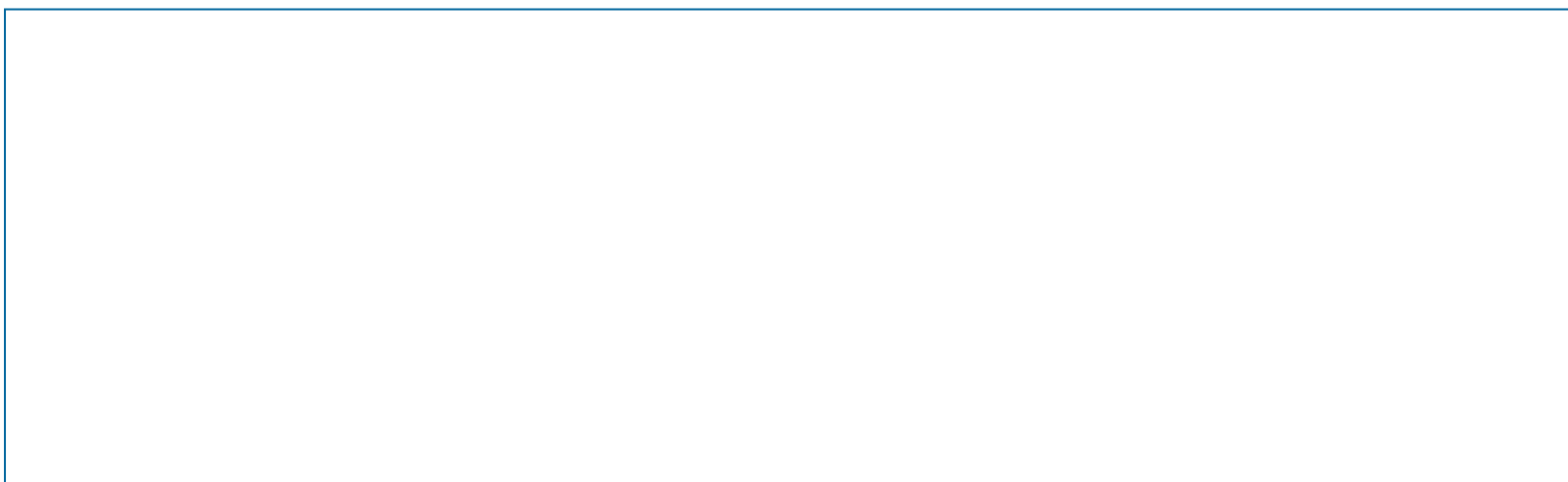
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

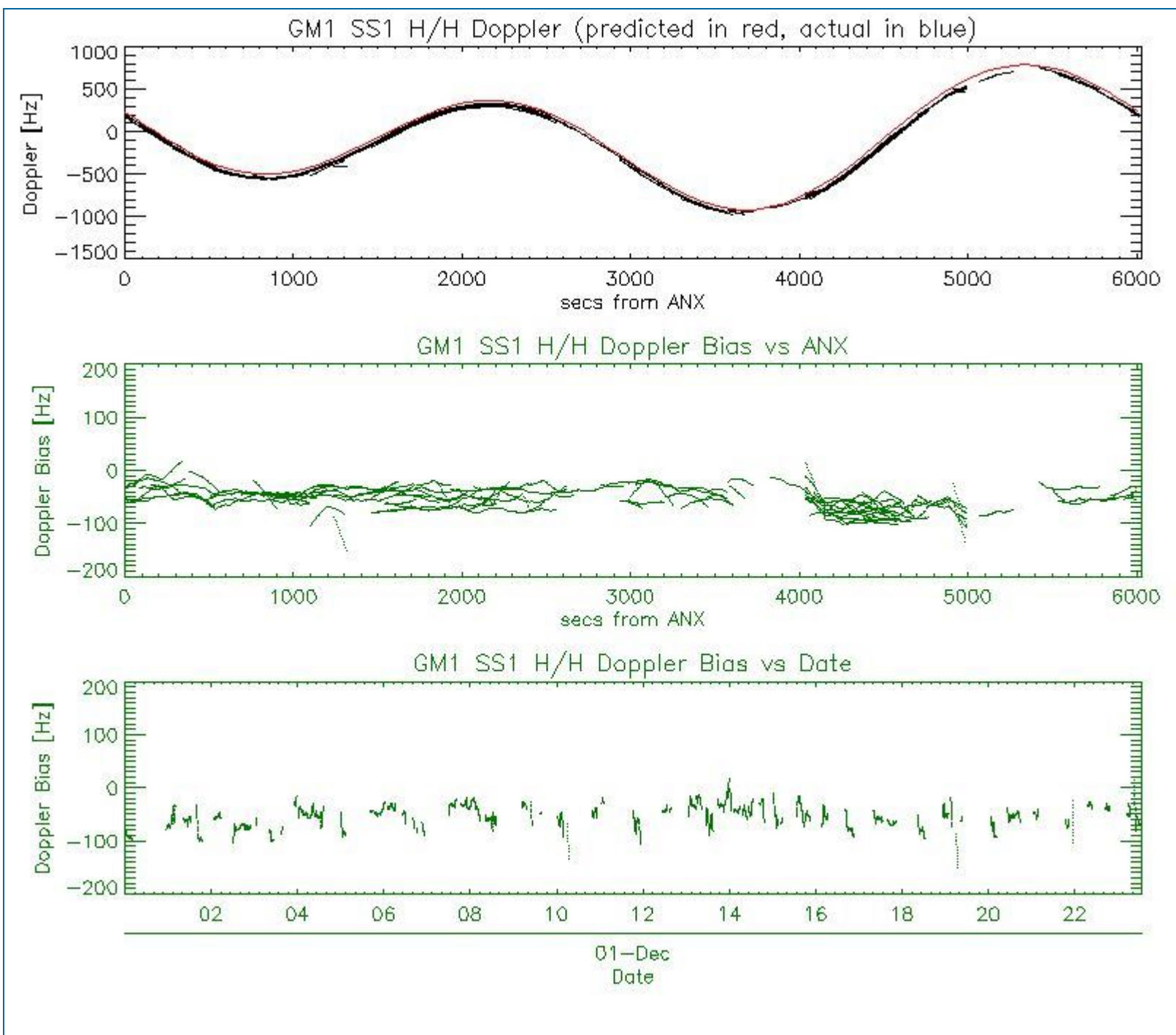
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5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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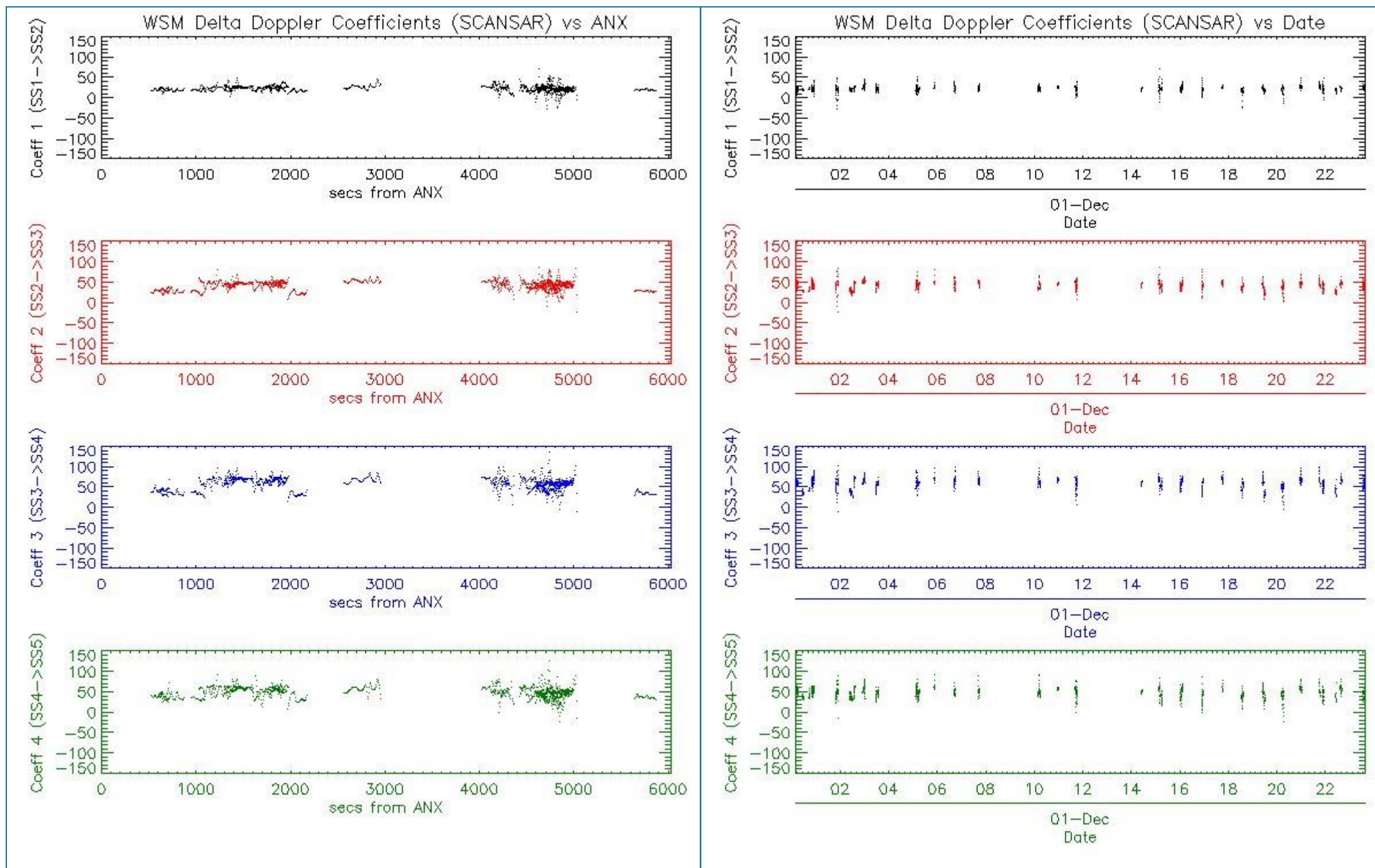




5.3 - Doppler JUMPS Analysis for WSM

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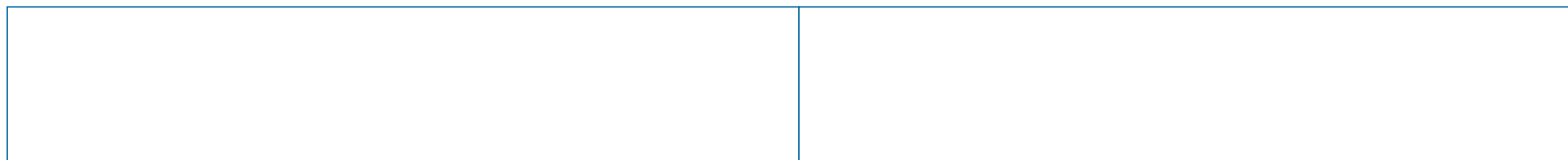


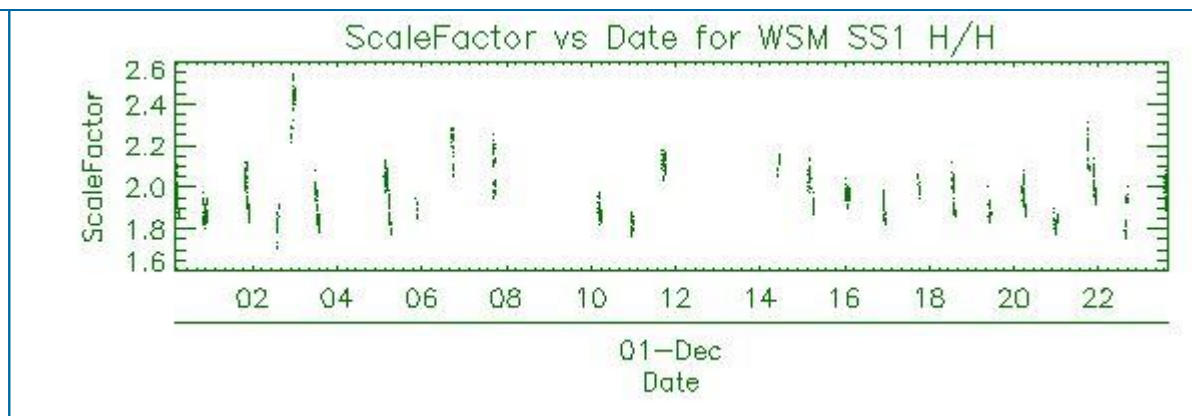
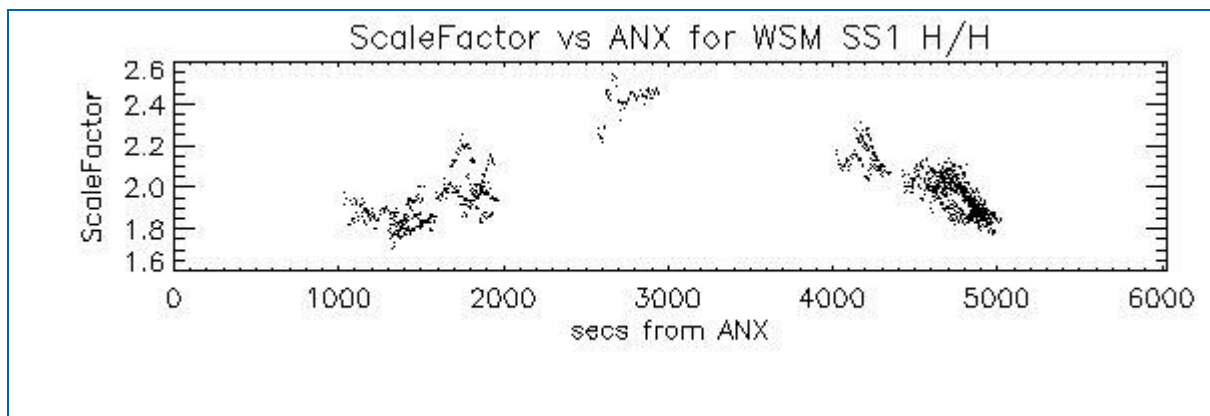
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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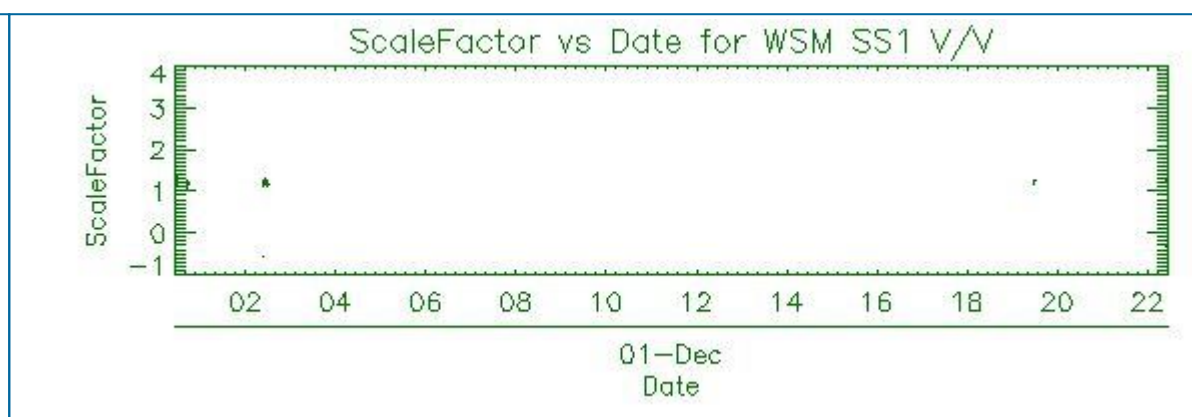
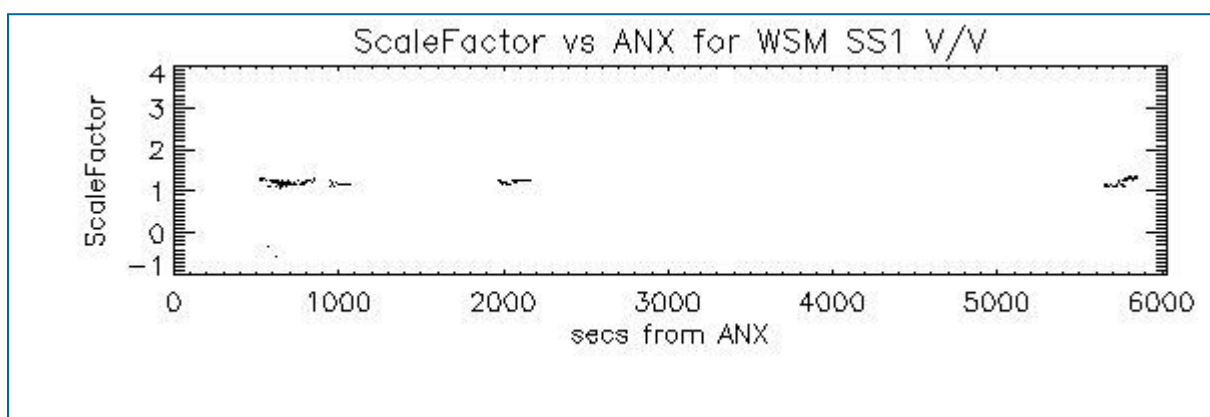




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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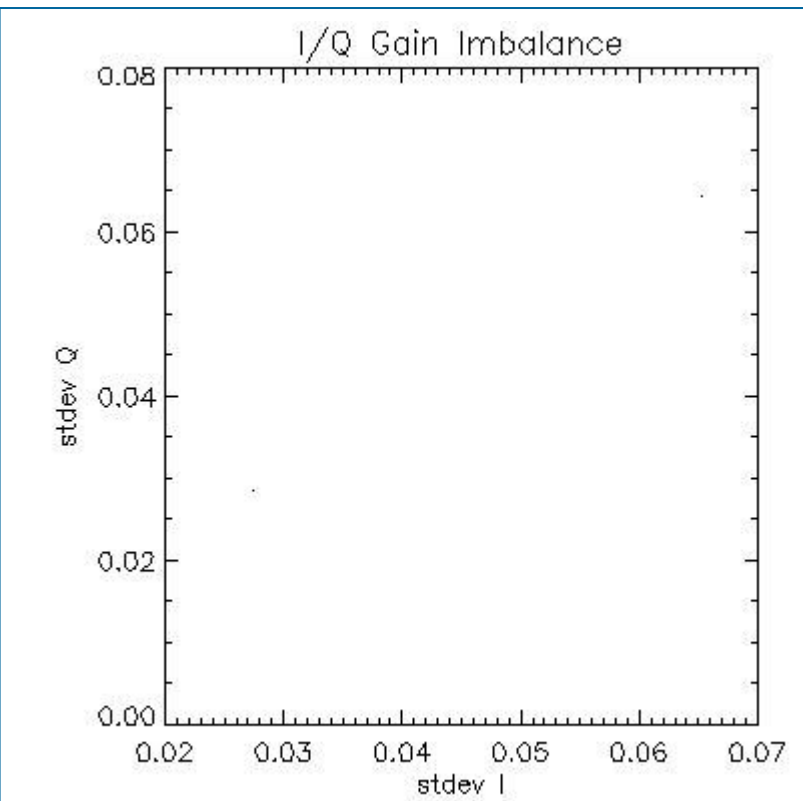
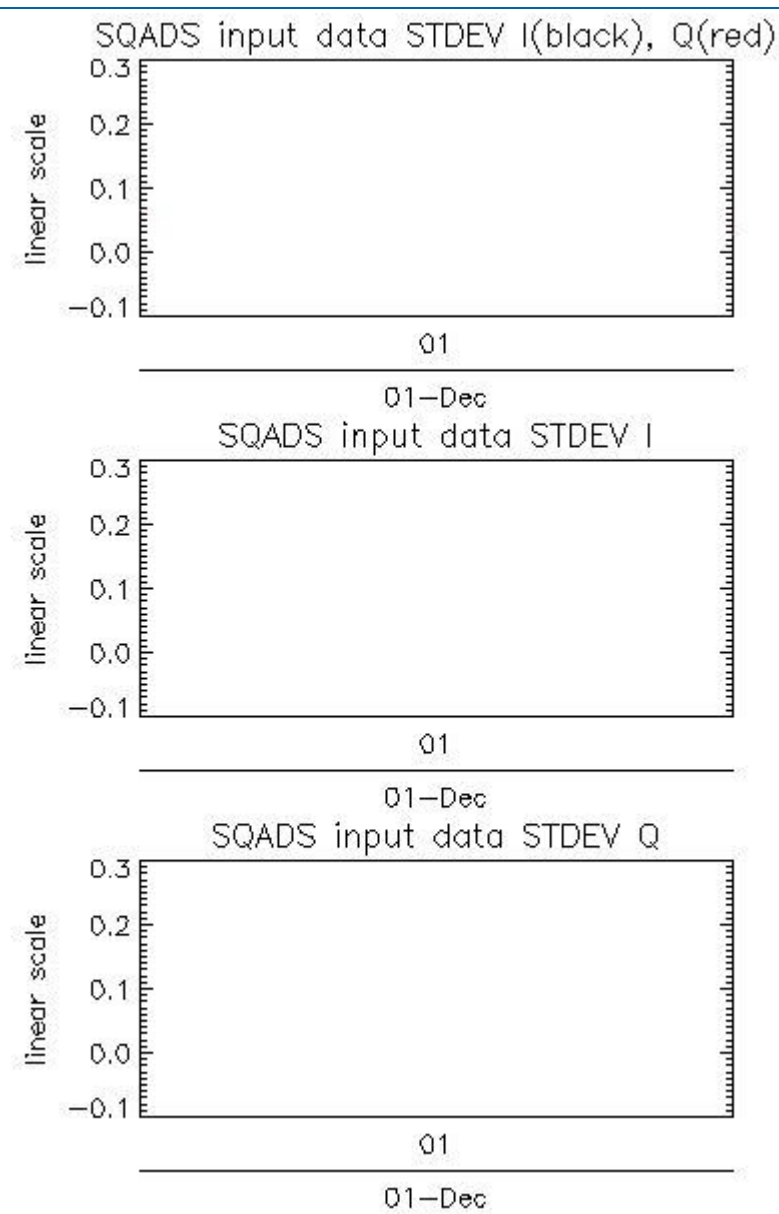
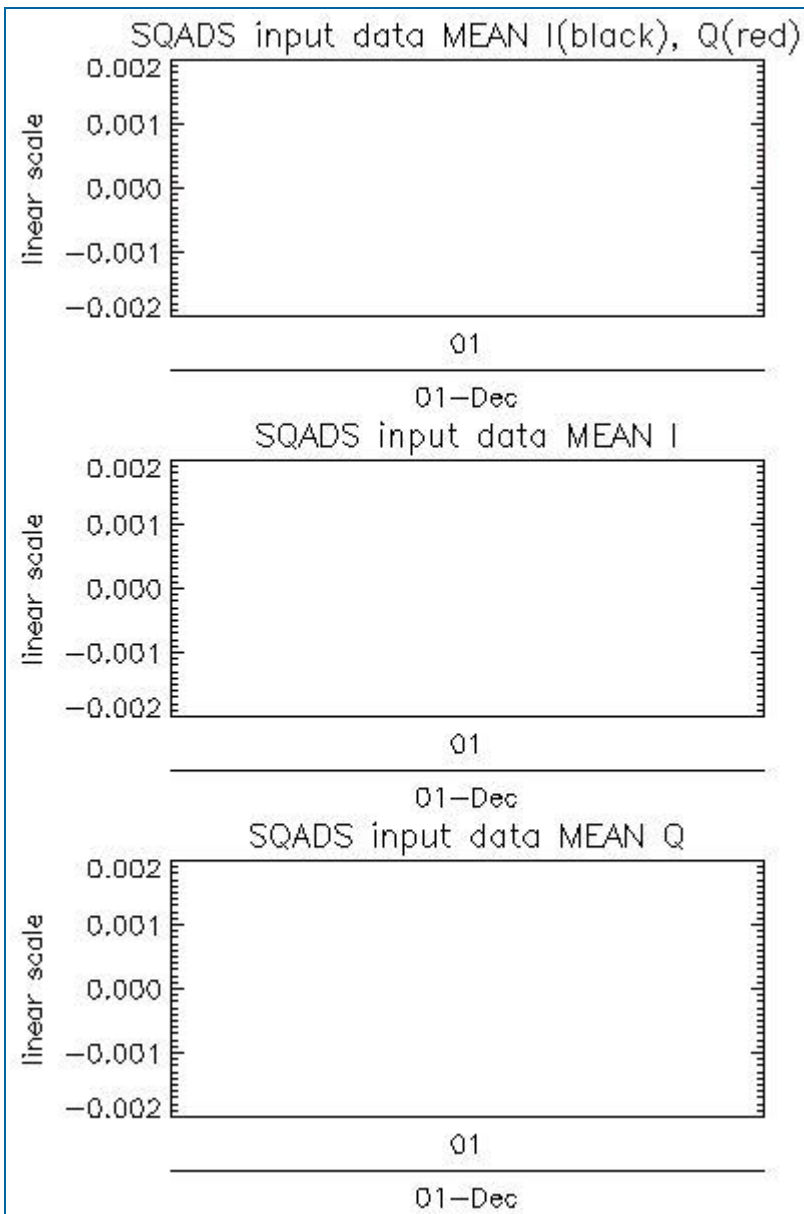


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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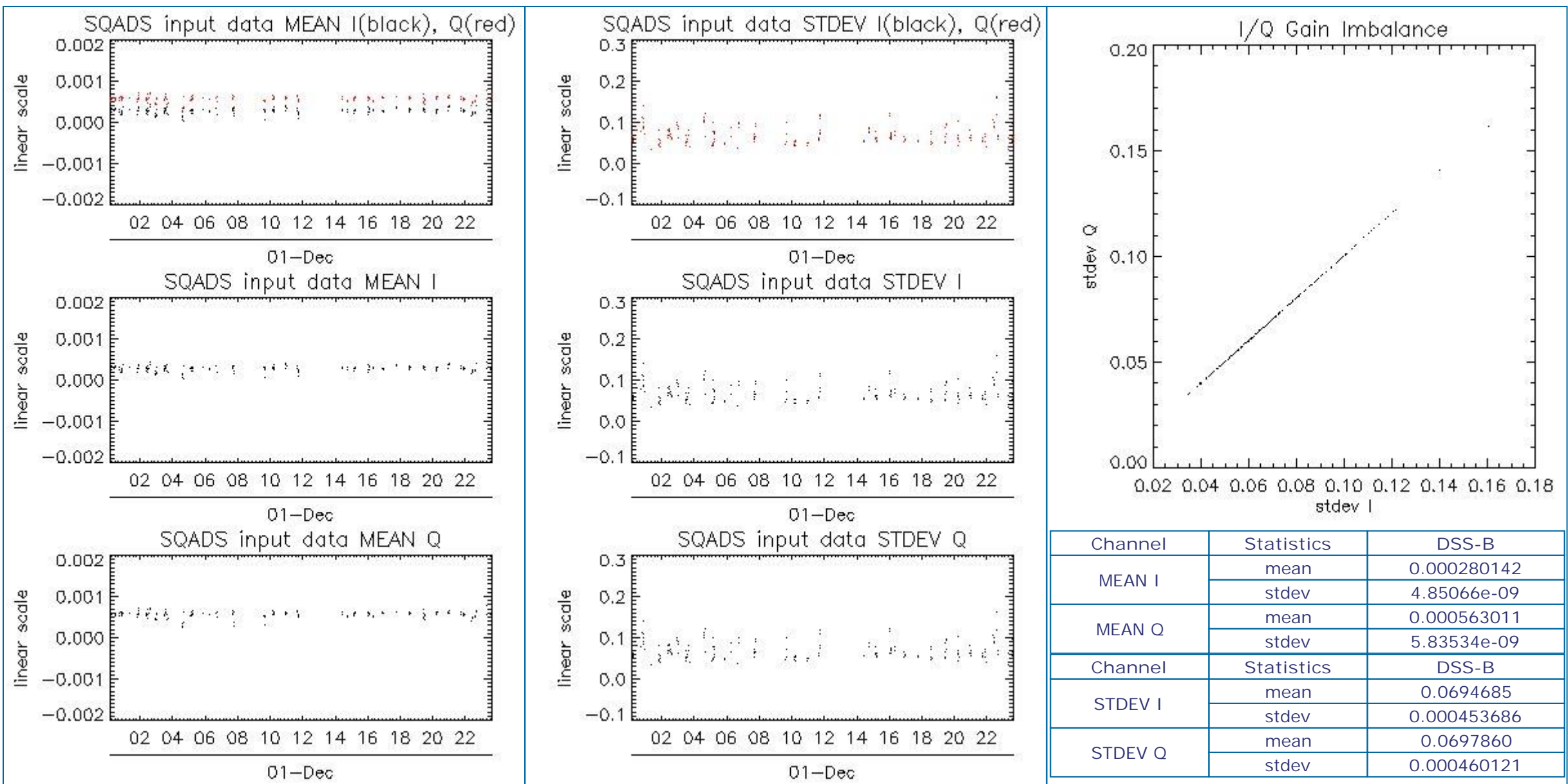


Channel	Statistics	DSS-B
MEAN I	mean	0.000879500
	stdev	2.64265e-07
MEAN Q	mean	0.000284000
	stdev	2.21778e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.0463660
	stdev	0.000719418
STDEV Q	mean	0.0464750
	stdev	0.000648000

7.2 - Analysis for IMM

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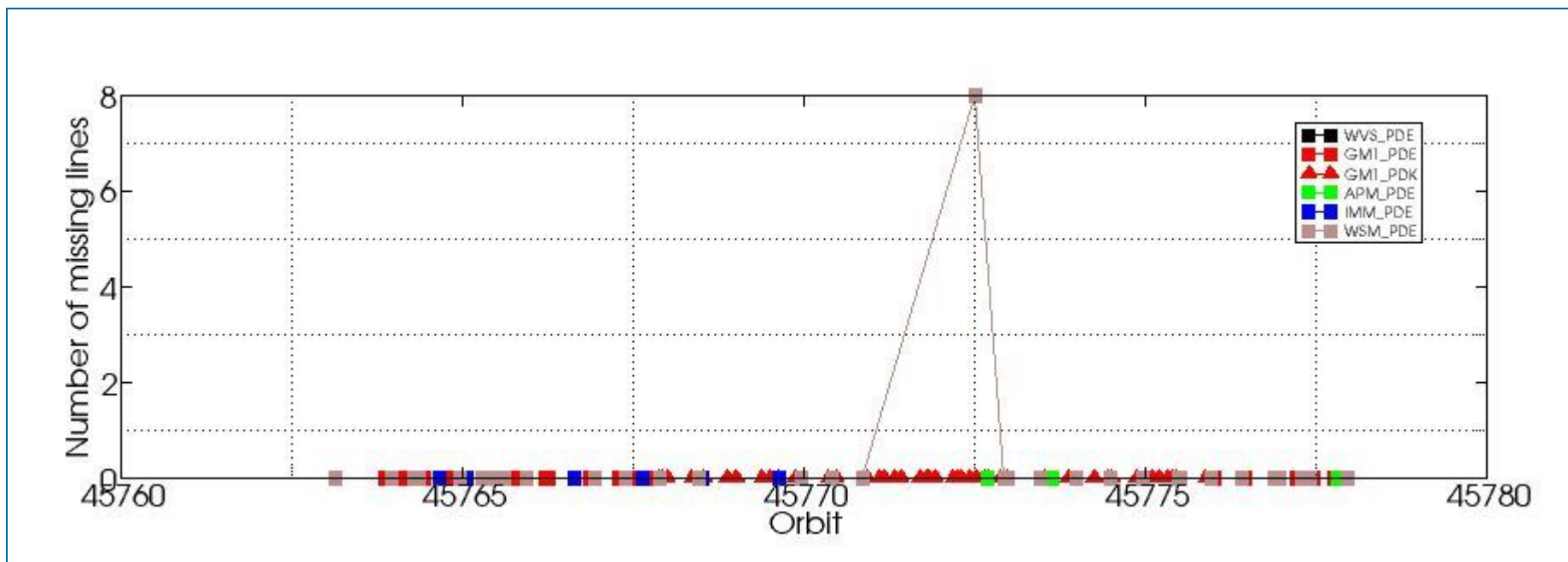
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20101201_142510_00000983097_00068_45772_0678.N1	0	8

8.1 - Number of Missing lines

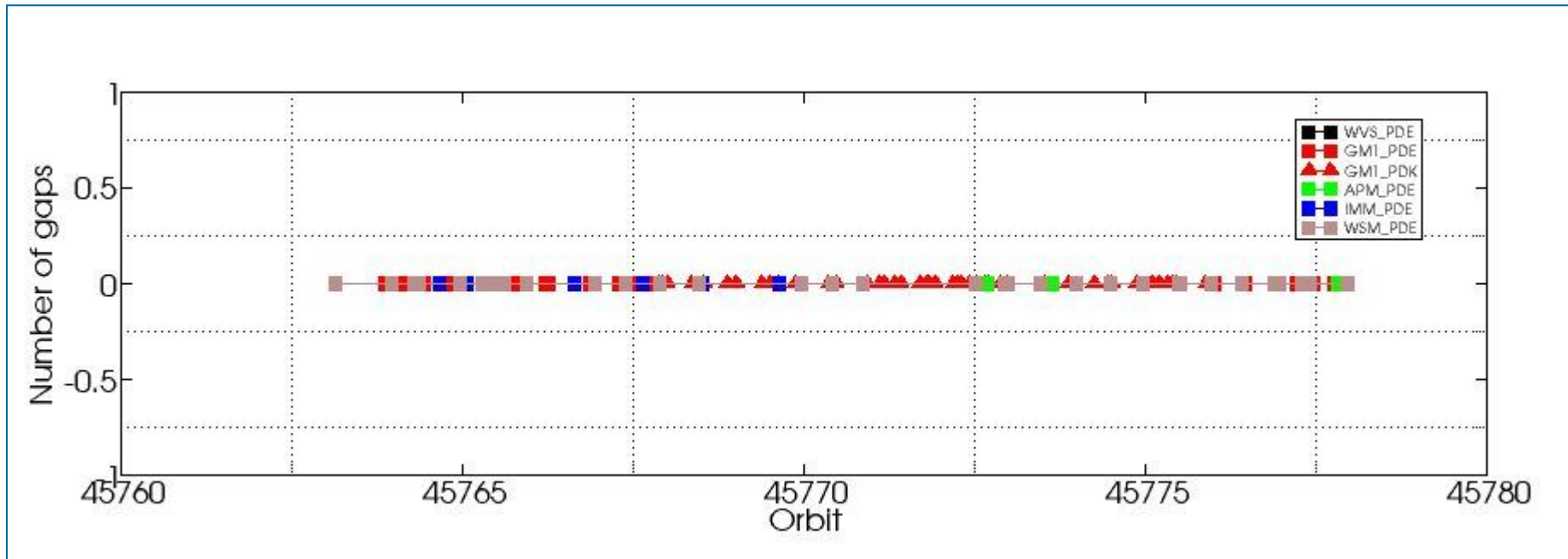
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 101201
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2010-12-01 00:00:00

Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101201/

DATA SUMMARY

Summary will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101201/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_101201/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_101201/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101201/AUXILIARY

Creating directory ./RESULTS/DAILY/_101201/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20101201*current_3_IECF_ADFs.txt
 Found list 20101201_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/_101201/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20101201_012534_000000143097_00060_45764_0406.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20101201_005653_000008043097_00060_45764_0403.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_012105_000002653097_00060_45764_0401.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_012709_000003143097_00060_45764_0410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_013927_000005493097_00060_45764_0412.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_020426_000006283097_00060_45764_0423.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_023045_000002053097_00061_45765_0422.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0431.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0432.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_030152_000001023097_00061_45765_0442.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_032005_000004533097_00061_45765_0465.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_033654_000002053097_00061_45765_0467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_035512_000002053097_00062_45766_0458.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_040049_000021333097_00062_45766_0480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_045954_000003923097_00062_45766_0527.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_054127_000006223097_00063_45767_0526.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_055331_000004713097_00063_45767_0515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_060502_000006893097_00063_45767_0514.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_062630_000002413097_00063_45767_0506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_210146_000004283097_00072_45776_0738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_214649_000003023097_00072_45776_0736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_215653_000000783097_00072_45776_0732.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_221636_000004343097_00073_45777_0760.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_224059_000004413097_00073_45777_0766.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_231242_000001263097_00073_45777_0765.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_231456_000000963097_00073_45777_0780.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101201_232230_000006163097_00073_45777_0786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_064012_000001023097_00063_45767_8613.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_064509_000001143097_00063_45767_8616.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_065244_000002053097_00063_45767_8636.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_073001_000006103097_00064_45768_8638.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_074733_000015293097_00064_45768_8662.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_082024_000009613097_00064_45768_8686.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_091122_000004103097_00065_45769_8688.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_092426_000000783097_00065_45769_8709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_093601_000001023097_00065_45769_8720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_100038_000005493097_00065_45769_8723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_101526_000000663097_00065_45769_8742.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_GM1_1PNPDK20101201_104842_000004593097_00066_45770_8744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_110226_000002053097_00066_45770_8768.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_114630_000006223097_00066_45770_8801.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_122655_000004103097_00067_45771_8795.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_123642_000001873097_00067_45771_8803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_130337_000005863097_00067_45771_8831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_131328_000001503097_00067_45771_8830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_131742_000002173097_00067_45771_8832.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_132701_000006043097_00067_45771_8838.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_134409_000003623097_00067_45771_8837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_135116_000005073097_00067_45771_8840.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_140019_000001873097_00068_45772_8839.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_140533_000005733097_00068_45772_8841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_141824_000004043097_00068_45772_8865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_142655_000003143097_00068_45772_8871.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_144104_000001383097_00068_45772_8868.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_144431_000002293097_00068_45772_8880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_150118_000003923097_00068_45772_8881.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_151123_000001443097_00068_45772_8890.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_153253_000011843097_00068_45772_8892.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_160725_000005493097_00069_45773_8927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_164134_000007313097_00069_45773_8943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_171926_000007913097_00070_45774_8944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_174025_000001753097_00070_45774_8963.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_174625_000002953097_00070_45774_8979.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_182148_000006223097_00070_45774_8986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_185608_000005193097_00071_45775_8990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_190723_000001443097_00071_45775_8991.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_191526_000000783097_00071_45775_9006.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_192026_000001933097_00071_45775_9026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_200321_000004833097_00071_45775_9032.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101201_202633_000010333097_00071_45775_9033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20101201_144326_000000443097_00068_45772_0677.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101201_161923_000000423097_00069_45773_0699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101201_231657_000000723097_00073_45777_0749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20101201_012016_000000393097_00060_45764_0384.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101201_034018_000001423097_00061_45765_0451.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101201_043619_000002733097_00062_45766_0452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101201_061629_000000733097_00063_45767_0489.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101201_074537_000001063097_00064_45768_0544.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101201_093747_000002913097_00065_45769_0577.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing WSM products...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_101201/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20101201_000948_000003363097_00059_45763_0331.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_002602_000002263097_00059_45763_0375.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_004225_000000983097_00060_45764_0380.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_004923_000004343097_00060_45764_0383.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_014840_000004533097_00060_45764_0409.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_022234_000002693097_00061_45765_0424.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_022809_000001533097_00061_45765_0443.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_023416_000001533097_00061_45765_0436.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_025515_000003923097_00061_45765_0420.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_032740_000004533097_00061_45765_0450.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_050628_000005753097_00062_45766_0488.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_055153_000000923097_00063_45767_0490.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_064203_000001773097_00063_45767_0530.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_074016_000003003097_00064_45768_0543.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_100951_000003303097_00065_45769_0624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_105625_000002393097_00066_45770_0614.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_114034_000003553097_00066_45770_0629.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_142510_000000983097_00068_45772_0678.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_150751_000002143097_00068_45772_0679.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_151351_000001473097_00068_45772_0680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_160044_000003983097_00069_45773_0698.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_165351_000002143097_00069_45773_0697.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_174410_000001353097_00070_45774_0701.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_183212_000002813097_00070_45774_0700.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_192339_000002203097_00071_45775_0707.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_192737_000002083097_00071_45775_0708.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_201127_000003433097_00071_45775_0706.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_205644_000003003097_00072_45776_0737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_214353_000001713097_00072_45776_0743.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_215153_000002943097_00072_45776_0710.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_222351_000002083097_00073_45777_0747.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_223651_000002453097_00073_45777_0748.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101201_233251_000003303097_00073_45777_0761.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_101201/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_101201/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_101201/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1

Test product: ASA_MS_0PNPDK200101201_200201_000000163097_00071_45775_0327.N1

H

H

../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/TGH_20101201_200201-20010209_135042.png

../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/TPH_20101201_200201-20010209_135042.png

../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/RGH_20101201_200201-20010209_135042.png

../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/RPH_20101201_200201-20010209_135042.png



Polarization: V
 Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
 Test product: ASA_MS__0PNPDE20101201_214215_000000163097_00072_45776_0098.N1

V
 V

../../../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/TGV_20101201_214215-20010209_140823.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/TPV_20101201_214215-20010209_140823.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/RGV_20101201_214215-20010209_140823.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/SECOND_REFERENCE/RPV_20101201_214215-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDE20101130_203844_000000163097_00057_45761_0096.N1
 Test product: ASA_MS__0PNPDK20101201_200201_000000163097_00071_45775_0327.N1

H
 H

../../../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20101201_200201-20101130_203844.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20101201_200201-20101130_203844.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20101201_200201-20101130_203844.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20101201_200201-20101130_203844.png

Polarization: V
 Reference product: ASA_MS__0PNPDE20101130_221858_000000163097_00058_45762_0097.N1
 Test product: ASA_MS__0PNPDE20101201_214215_000000163097_00072_45776_0098.N1

V
 V

../../../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101201_214215-20101130_221858.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101201_214215-20101130_221858.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101201_214215-20101130_221858.png
 ../../RESULTS/DAILY/_101201/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101201_214215-20101130_221858.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101201/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59

Analysing products WVS IS2 V/V

*** No Data ***

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-01_1.dat...

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

Getting calibration pulses data for WVS IS2 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-01_2.dat...



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

Getting calibration pulses data for WVS IS2 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-01_3.dat...

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

Getting calibration pulses data for WVS IS2 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-12-01_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 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-01_1.dat...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-01_2.dat...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-01_3.dat...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-01 00:00:00 to 2010-12-01 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101201/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-12-01_4.dat...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_101201//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101201/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...

Writing file ./RESULTS/DAILY/_101201/DOPPLER/Doppler_data_WVS_IS2_VV_2010-12-01.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 2010-12-01 00:00:00 to 2010-12-01 23:59:59...

Writing file ./RESULTS/DAILY/_101201/DOPPLER/Doppler_data_GM1_SS1_HH_2010-12-01.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101201/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-12-01 00:00:00 to 2010-12-01 23:59:59

```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/DOPPLER/Doppler_Jumps_data_WSM_2010-12-01.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101201/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_101201/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 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 = -58.191314 Hz
Writing file ../../RESULTS/DAILY/_101201//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101201//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -52.576434 Hz
Writing file ../../RESULTS/DAILY/_101201//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101201//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101201/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-12-01.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101201/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101201/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-12-01.dat...
Running IDL program...
```

Writing file ../../RESULTS/DAILY/_101201/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101201/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101201/RAW_DATA

Creating directory ./RESULTS/DAILY/_101201/RAW_DATA...

Getting raw data for WVS from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/RAW_DATA/Raw_data_WVS_2010-12-01.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-12-01 00:00:00 to 2010-12-01 23:59:59...
Writing file ./RESULTS/DAILY/_101201/RAW_DATA/Raw_data_IMM_2010-12-01.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101201/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-12-01 00:00:00 to 2010-12-01 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101201/TELEMETRY

Creating directory ./RESULTS/DAILY/_101201/TELEMETRY...

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

Checking 1 products from PDE...

No products from PDK...

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

Checking 29 products from PDE...

Checking 43 products from PDK...

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

Checking 3 products from PDE...

No products from PDK...

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

Checking 6 products from PDE...

No products from PDK...

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


```
*****  
Checking 33 products from PDE...  
Found product...ASA_WSM_1PNPDE20101201_142510_00000983097_00068_45772_0678.N1 / 0 gaps / 8 missing lines  
No products from PDK...
```

```
Creating graph of missing lines and gaps...  
*****  
Creating image: ./RESULTS/DAILY/_101201/TELEMETRY/TELEMETRY_Missing_lines.png...  
Creating image: ./RESULTS/DAILY/_101201/TELEMETRY/TELEMETRY_Gaps.png...
```

```
TELEMETRY ANALYSIS completed  
#####
```

```
HTML REPORT generation  
#####
```

```
Building file ./RESULTS/DAILY/_101201/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_1PNPDE20101201_144326_000000443097_00068_45772_0677.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101201_161923_000000423097_00069_45773_0699.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101201_231657_000000723097_00073_45777_0749.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_1PNPDE20101201_005653_000008043097_00060_45764_0403.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_012105_000002653097_00060_45764_0401.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_012709_000003143097_00060_45764_0410.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_013927_000005493097_00060_45764_0412.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_020426_000006283097_00060_45764_0423.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_023045_000002053097_00061_45765_0422.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0431.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0432.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_023651_000011003097_00061_45765_0437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_030152_000001023097_00061_45765_0442.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_032005_000004533097_00061_45765_0465.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_033654_000002053097_00061_45765_0467.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_035512_000002053097_00062_45766_0458.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_040049_000021333097_00062_45766_0480.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_045954_000003923097_00062_45766_0527.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_054127_000006223097_00063_45767_0526.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_055331_000004713097_00063_45767_0515.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_060502_000006893097_00063_45767_0514.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_062630_000002413097_00063_45767_0506.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_210146_000004283097_00072_45776_0738.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_214649_000003023097_00072_45776_0736.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_215653_000000783097_00072_45776_0732.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_221636_000004343097_00073_45777_0760.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_224059_000004413097_00073_45777_0766.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_231242_000001263097_00073_45777_0765.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_231456_000000963097_00073_45777_0780.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101201_232230_000006163097_00073_45777_0786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_064012_000001023097_00063_45767_8613.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_064509_000001143097_00063_45767_8616.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_065244_000002053097_00063_45767_8636.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_073001_000006103097_00064_45768_8638.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_074733_000015293097_00064_45768_8662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_082024_000009613097_00064_45768_8686.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_091122_000004103097_00065_45769_8688.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_092426_000000783097_00065_45769_8709.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_093601_000001023097_00065_45769_8720.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_100038_000005493097_00065_45769_8723.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_101526_000000663097_00065_45769_8742.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_104842_000004593097_00066_45770_8744.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_110226_000002053097_00066_45770_8768.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_114630_000006223097_00066_45770_8801.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_122655_000004103097_00067_45771_8795.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_123642_000001873097_00067_45771_8803.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_130337_000005863097_00067_45771_8831.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_131328_000001503097_00067_45771_8830.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_131742_000002173097_00067_45771_8832.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_132701_000006043097_00067_45771_8838.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_134409_000003623097_00067_45771_8837.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_135116_000005073097_00067_45771_8840.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_140019_000001873097_00068_45772_8839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_140533_000005733097_00068_45772_8841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_141824_000004043097_00068_45772_8865.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_142655_000003143097_00068_45772_8871.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_144104_000001383097_00068_45772_8868.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_144431_000002293097_00068_45772_8880.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_150118_000003923097_00068_45772_8881.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_151123_000001443097_00068_45772_8890.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_153253_000011843097_00068_45772_8892.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_160725_000005493097_00069_45773_8927.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_164134_000007313097_00069_45773_8943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_171926_000007913097_00070_45774_8944.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_174025_000001753097_00070_45774_8963.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_174625_000002953097_00070_45774_8979.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_182148_000006223097_00070_45774_8986.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20101201_185608_000005193097_00071_45775_8990.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_190723_000001443097_00071_45775_8991.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_191526_000000783097_00071_45775_9006.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_192026_000001933097_00071_45775_9026.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_200321_000004833097_00071_45775_9032.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101201_202633_000010333097_00071_45775_9033.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_1PNPDE20101201_012016_000000393097_00060_45764_0384.N1				
ASA_IMM_1PNPDE20101201_034018_000001423097_00061_45765_0451.N1				
ASA_IMM_1PNPDE20101201_043619_000002733097_00062_45766_0452.N1				
ASA_IMM_1PNPDE20101201_061629_000000733097_00063_45767_0489.N1				
ASA_IMM_1PNPDE20101201_074537_000001063097_00064_45768_0544.N1				
ASA_IMM_1PNPDE20101201_093747_000002913097_00065_45769_0577.N1				

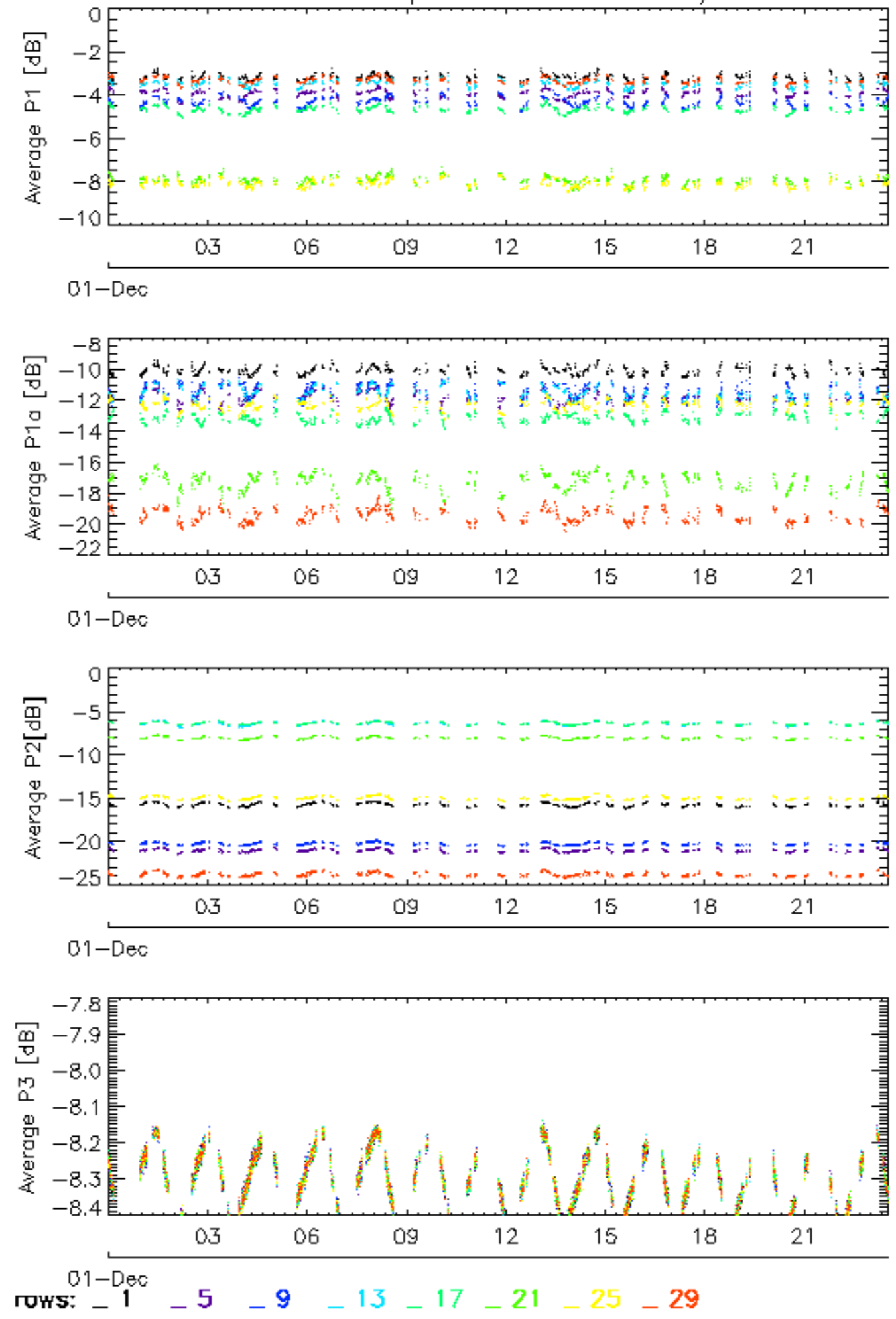
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101201_000948_000003363097_00059_45763_0331.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_002602_000002263097_00059_45763_0375.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_004225_000000983097_00060_45764_0380.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_004923_000004343097_00060_45764_0383.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_014840_000004533097_00060_45764_0409.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_022234_000002693097_00061_45765_0424.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_022809_000001533097_00061_45765_0443.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_023416_000001533097_00061_45765_0436.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_025515_000003923097_00061_45765_0420.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_032740_000004533097_00061_45765_0450.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_050628_000005753097_00062_45766_0488.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_055153_000000923097_00063_45767_0490.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_064203_000001773097_00063_45767_0530.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_074016_000003003097_00064_45768_0543.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_100951_000003303097_00065_45769_0624.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_105625_000002393097_00066_45770_0614.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_114034_000003553097_00066_45770_0629.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_142510_000000983097_00068_45772_0678.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_150751_000002143097_00068_45772_0679.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_151351_000001473097_00068_45772_0680.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_160044_000003983097_00069_45773_0698.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_165351_000002143097_00069_45773_0697.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_174410_000001353097_00070_45774_0701.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_183212_000002813097_00070_45774_0700.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_192339_000002203097_00071_45775_0707.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_192737_000002083097_00071_45775_0708.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_201127_000003433097_00071_45775_0706.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_205644_000003003097_00072_45776_0737.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_214353_000001713097_00072_45776_0743.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_215153_000002943097_00072_45776_0710.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_222351_000002083097_00073_45777_0747.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_223651_000002453097_00073_45777_0748.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101201_233251_000003303097_00073_45777_0761.N1					OK	OK	OK	OK

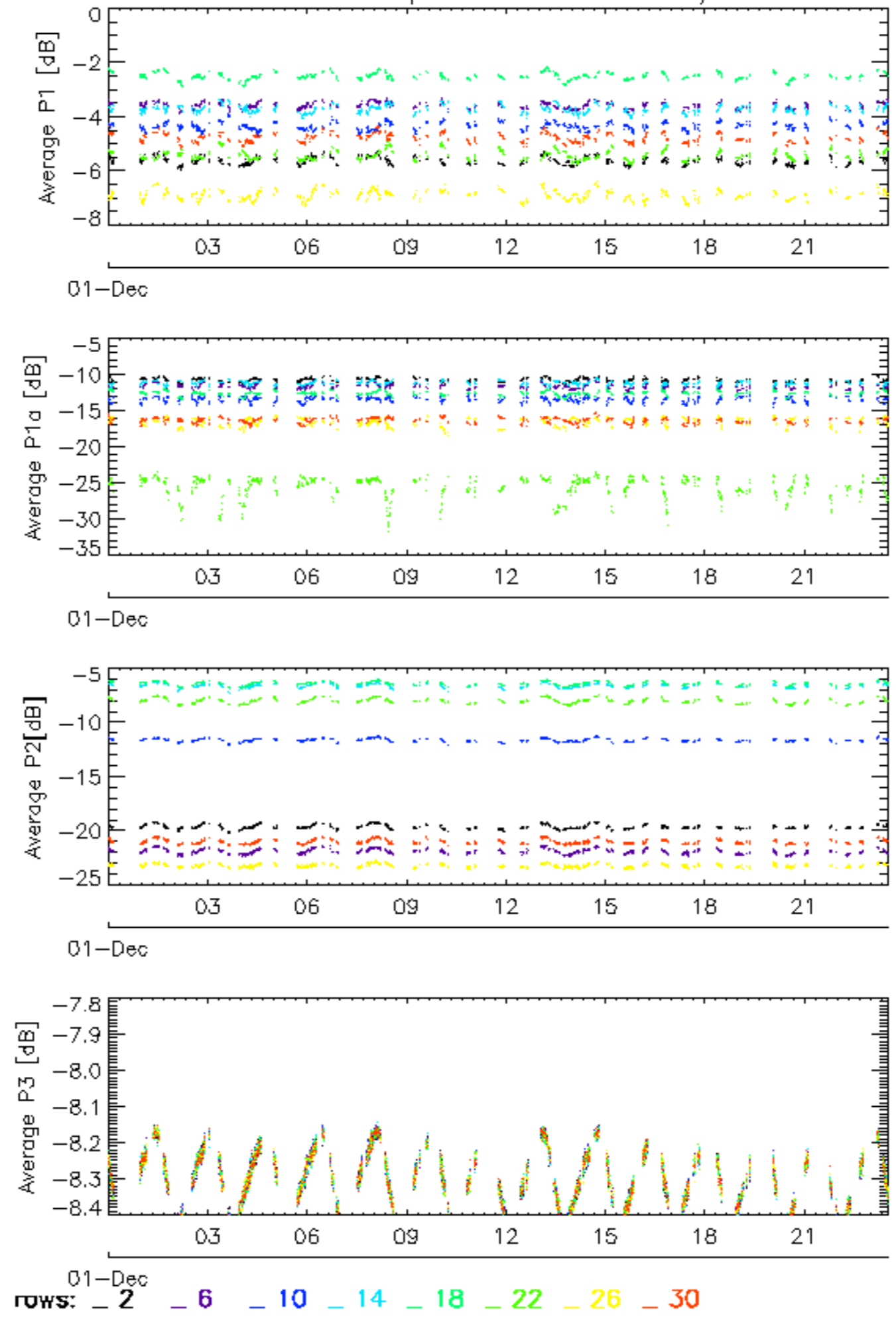
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WVS_1PNPDE20101201_012534_000000143097_00060_45764_0406.N1	OK	OK	OK	OK

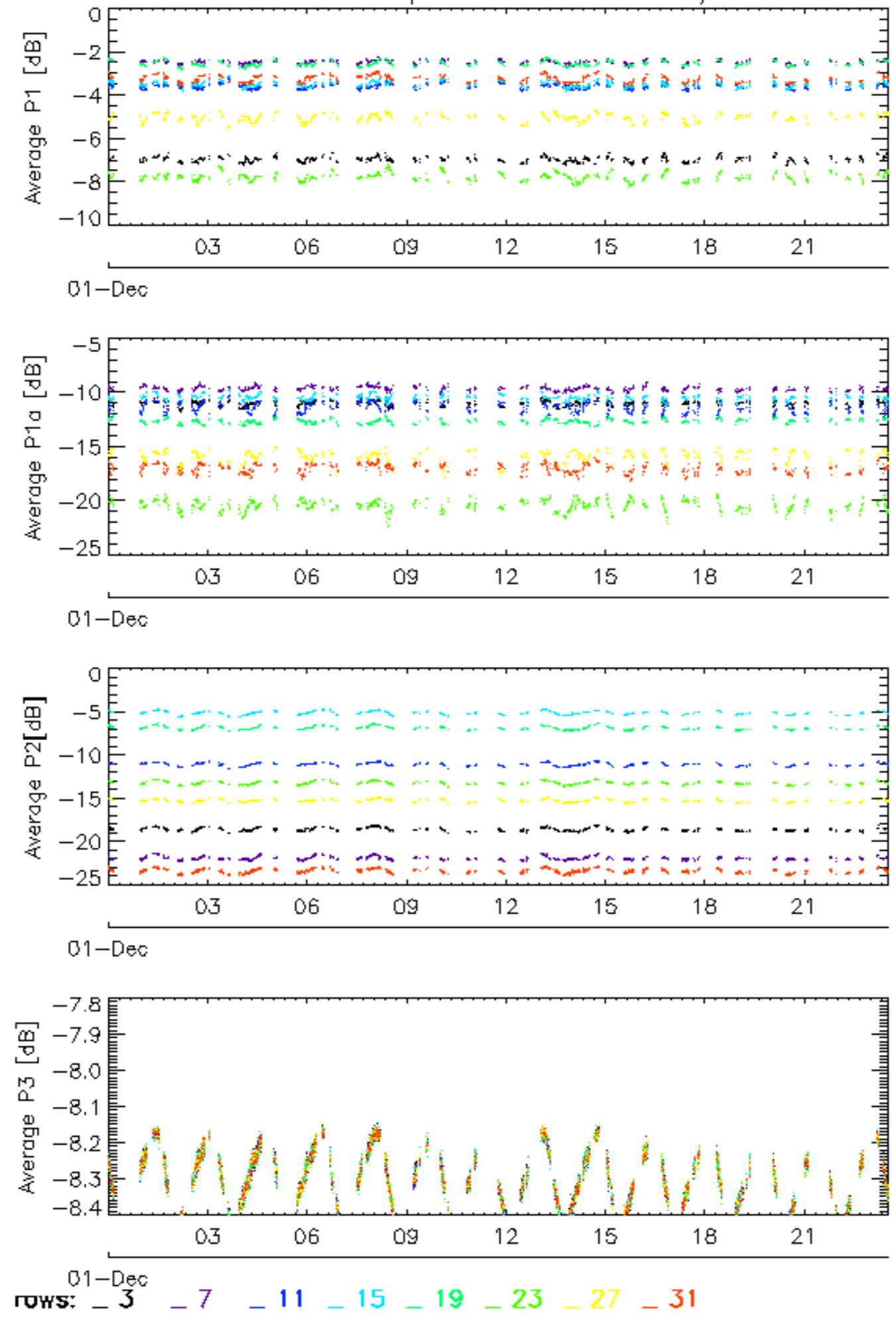
Calibration pulses for GM1 SS3 H/H



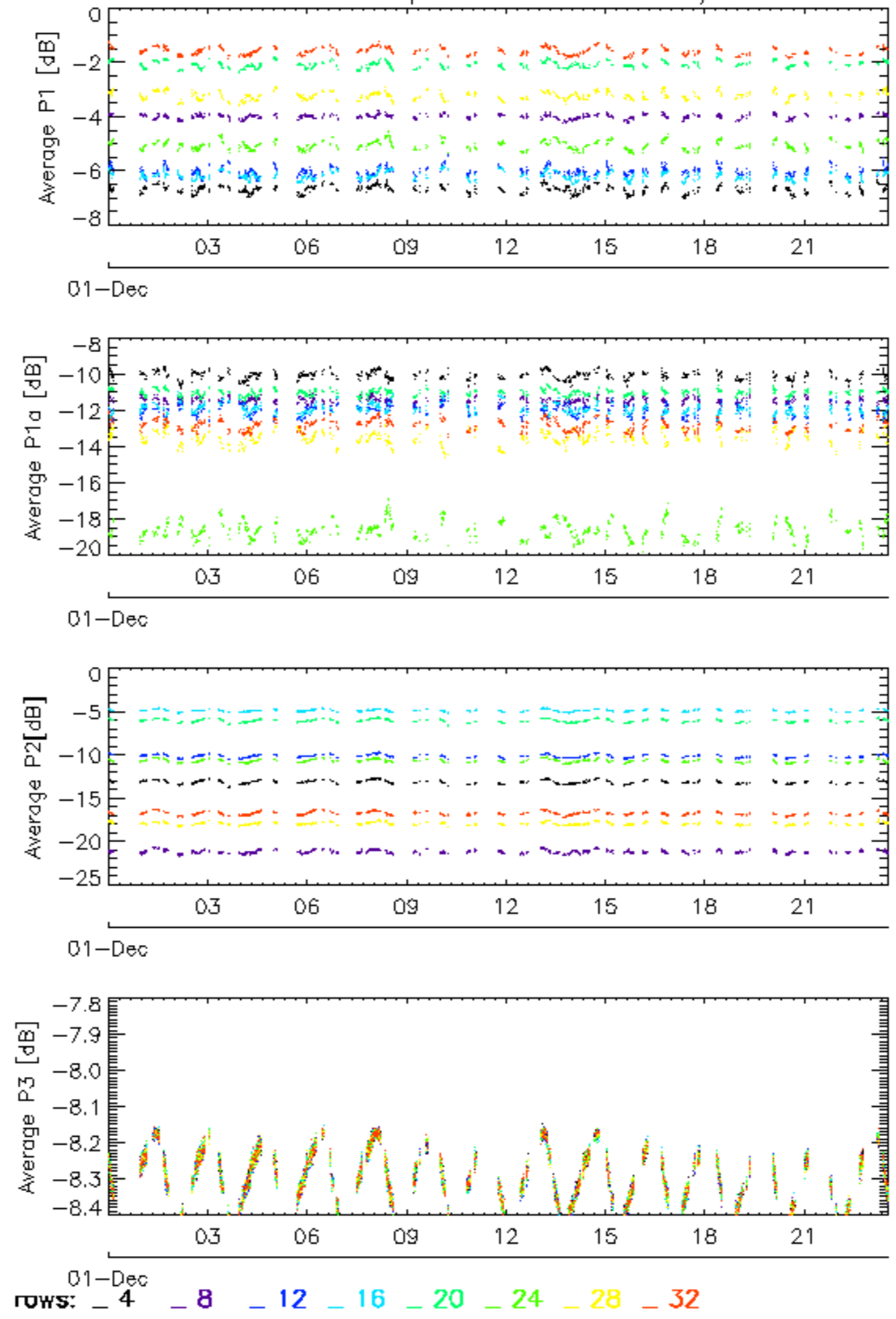
Calibration pulses for GM1 SS3 H/H

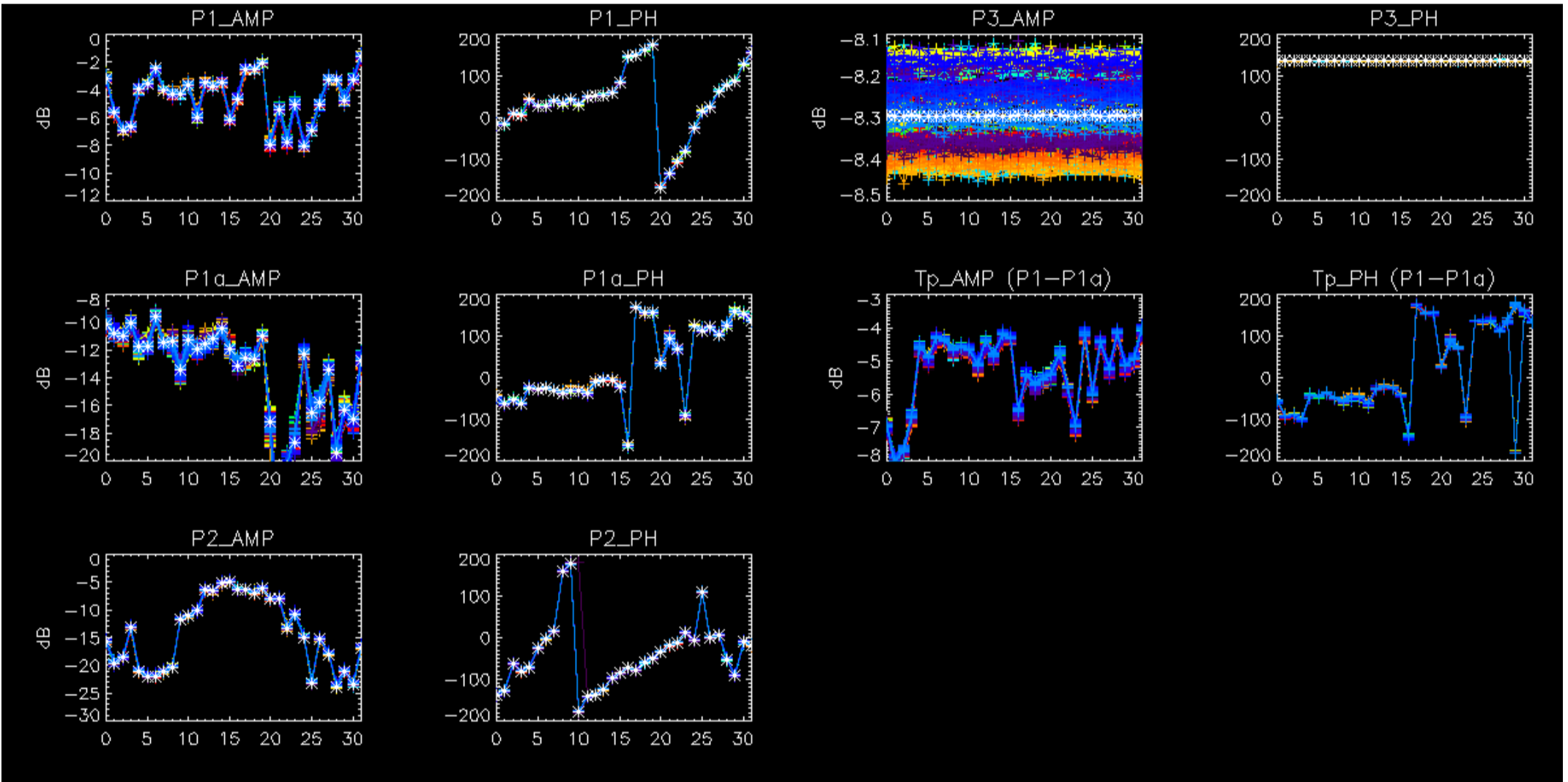


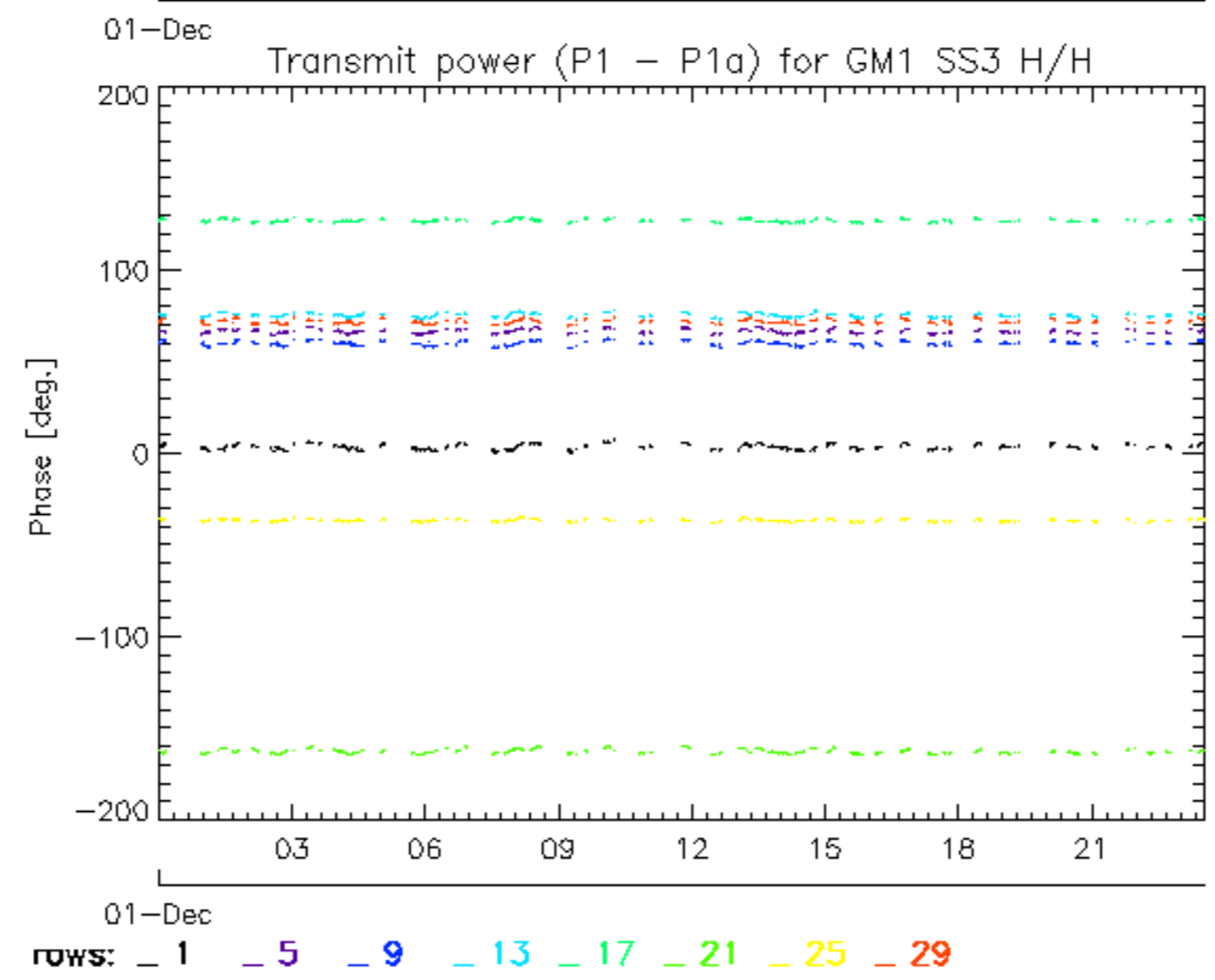
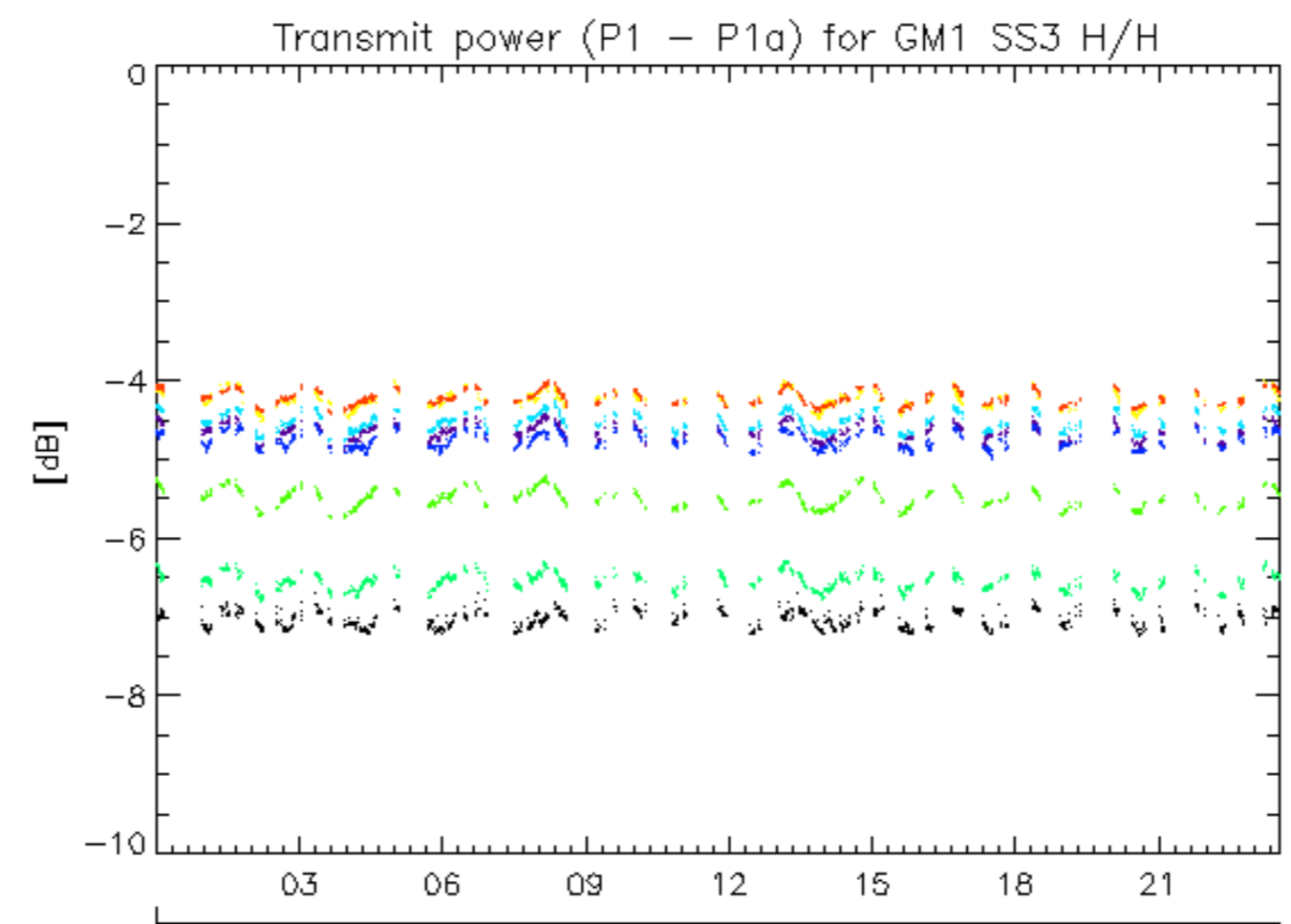
Calibration pulses for GM1 SS3 H/H

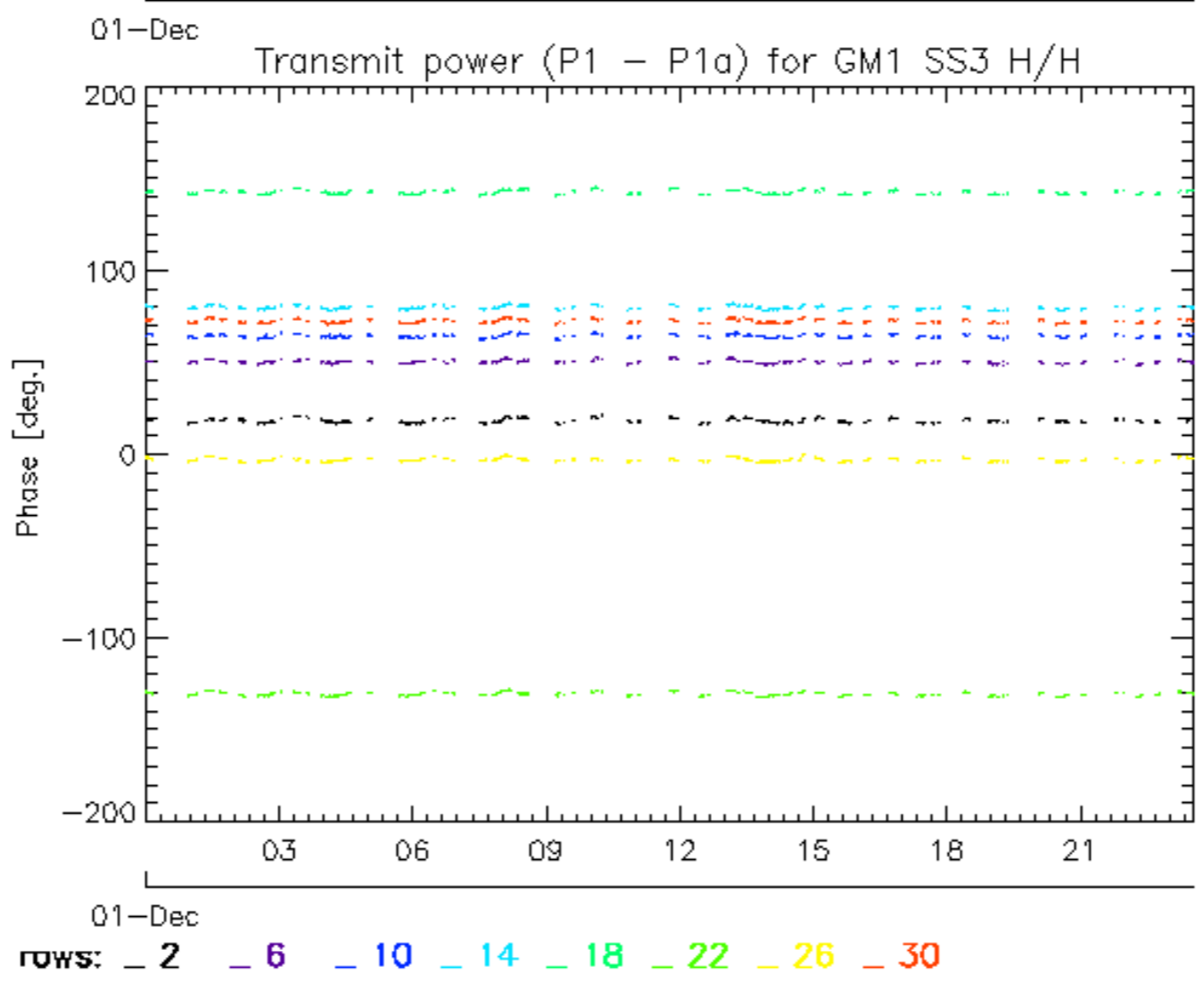
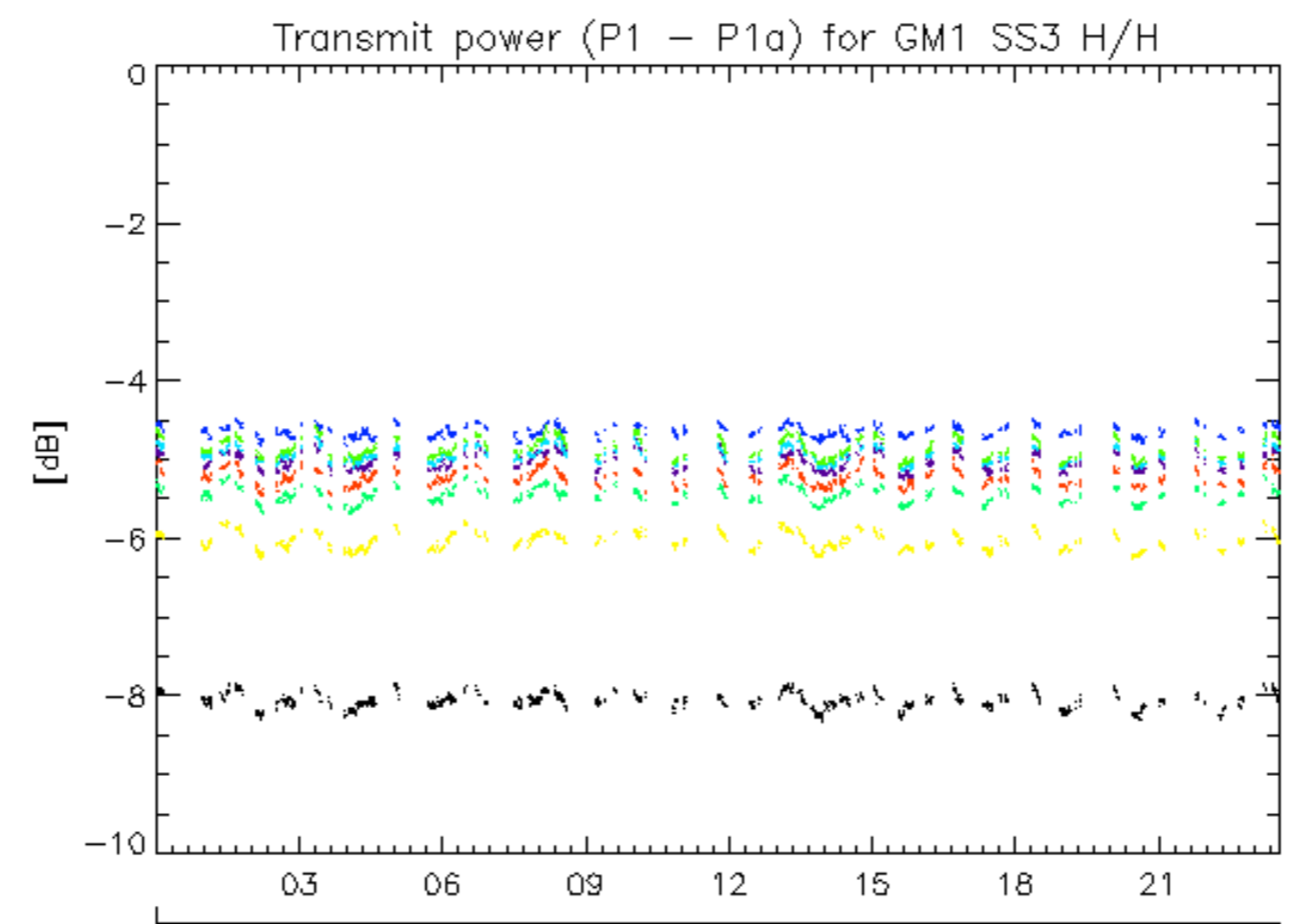


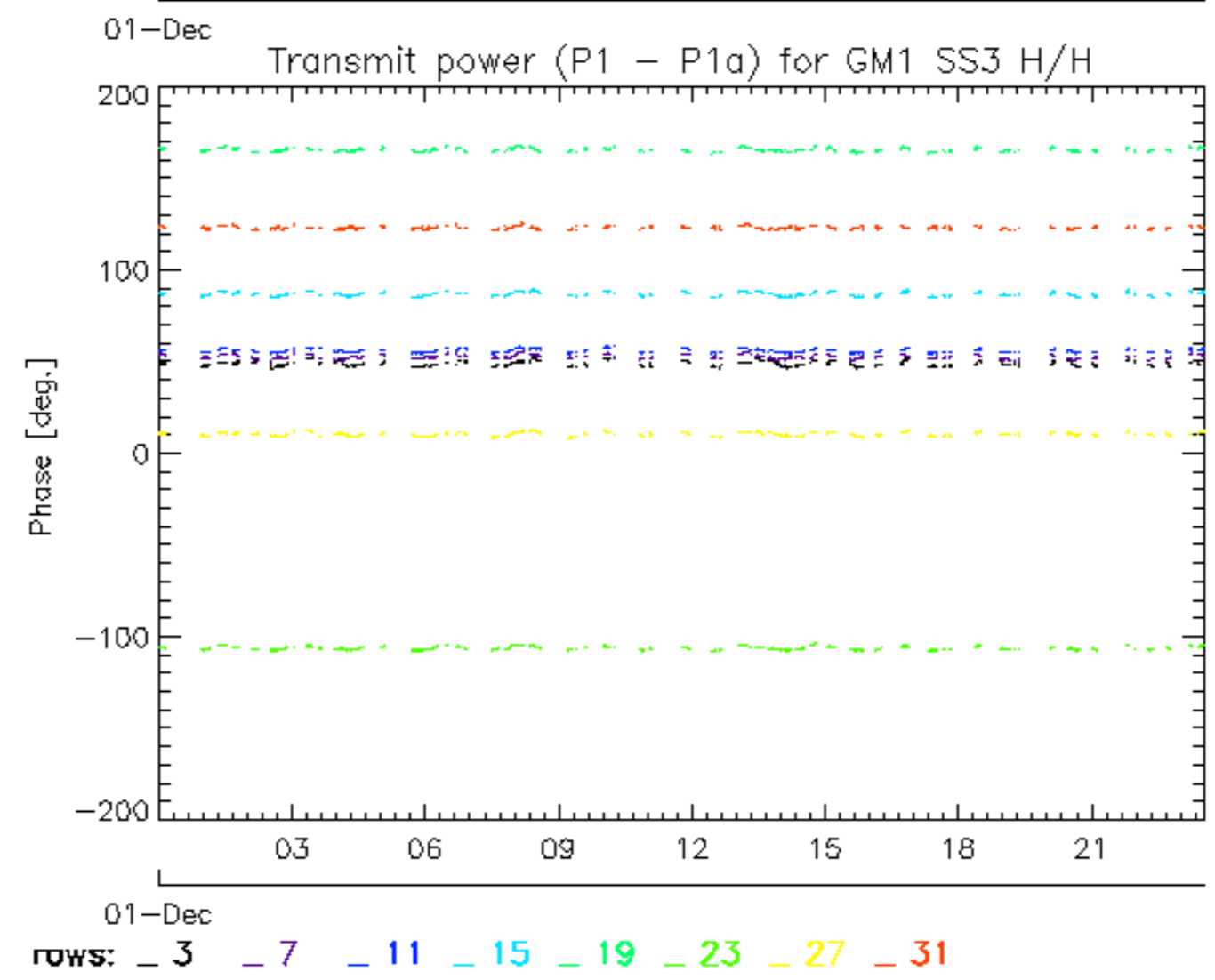
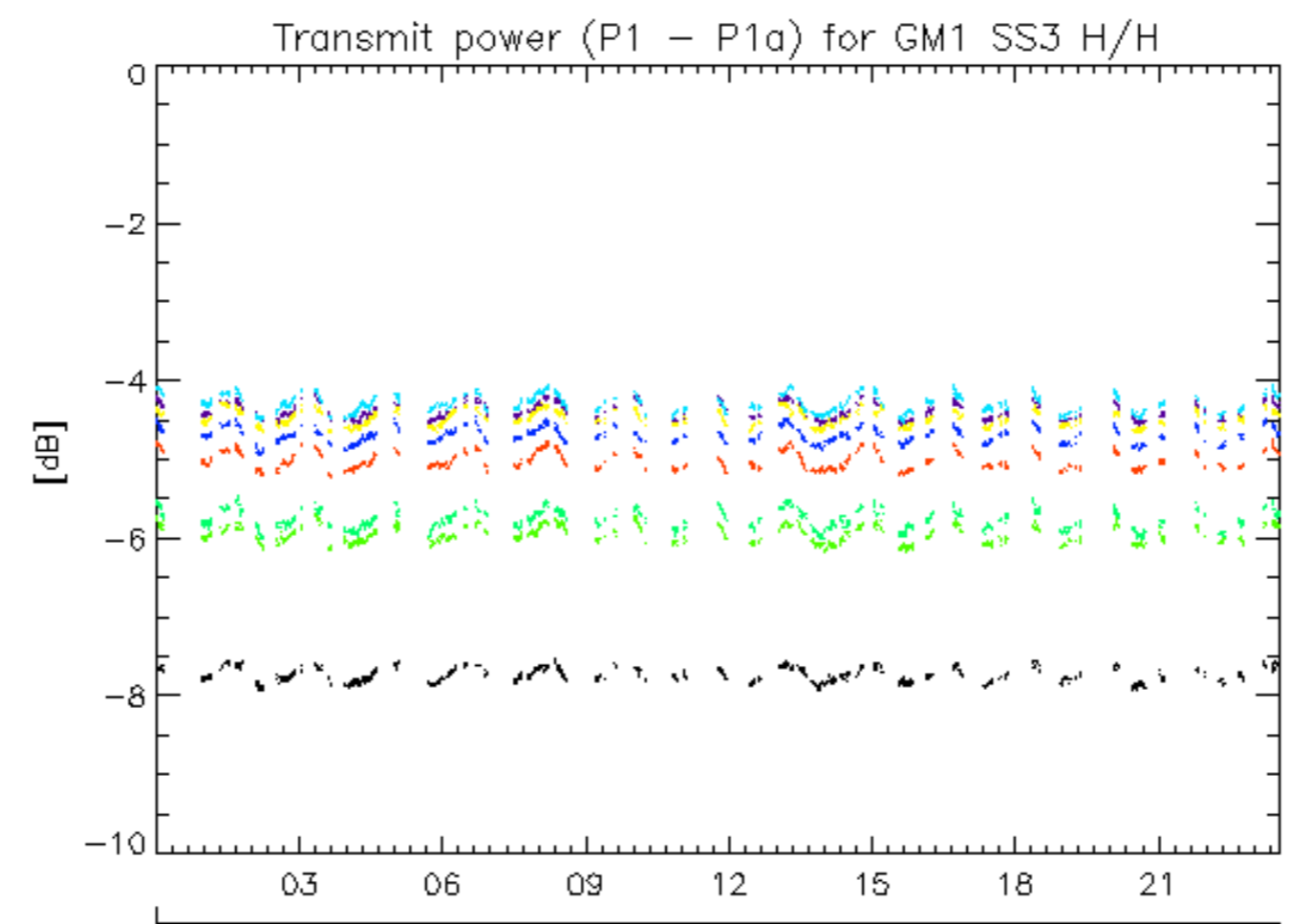
Calibration pulses for GM1 SS3 H/H

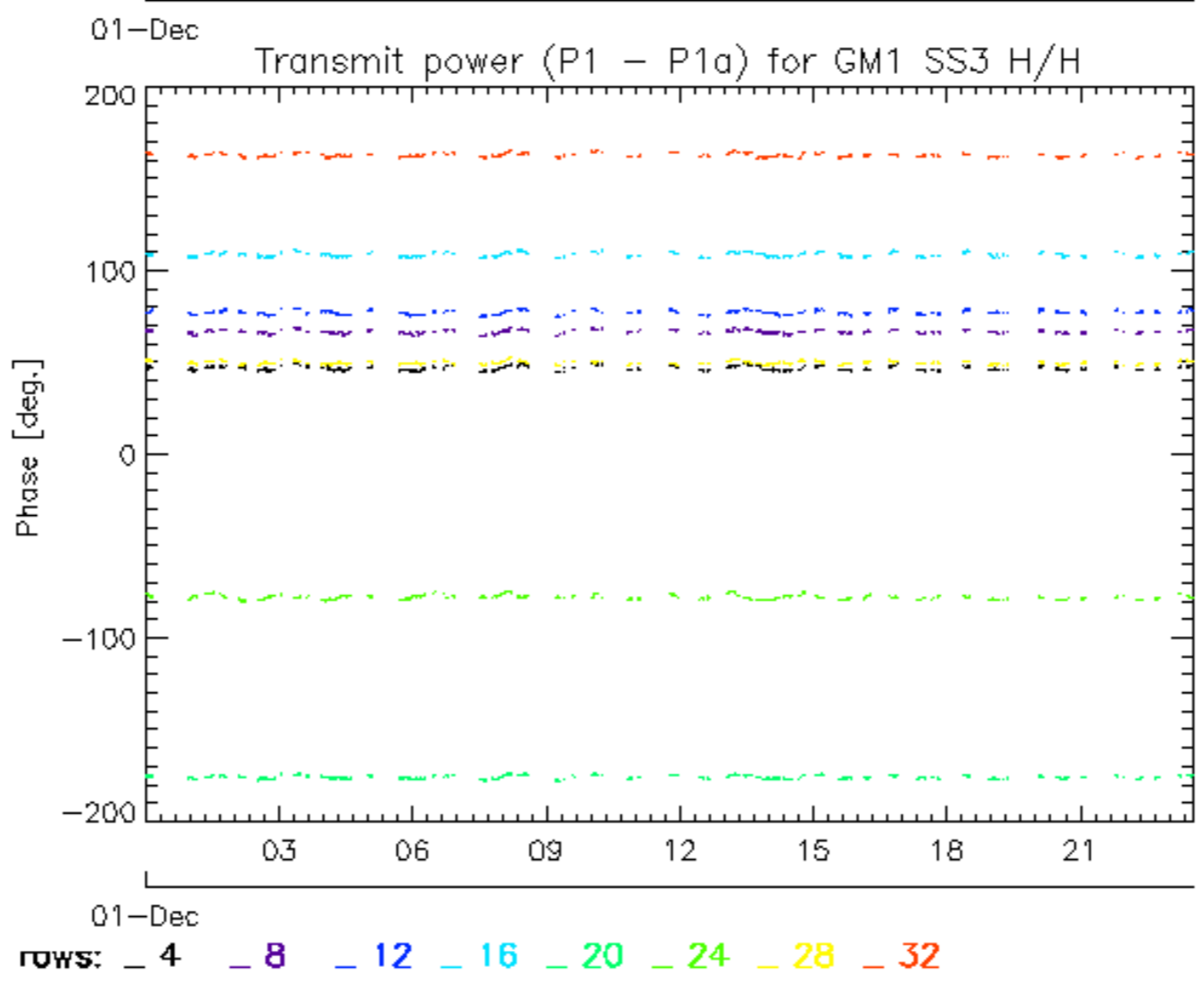
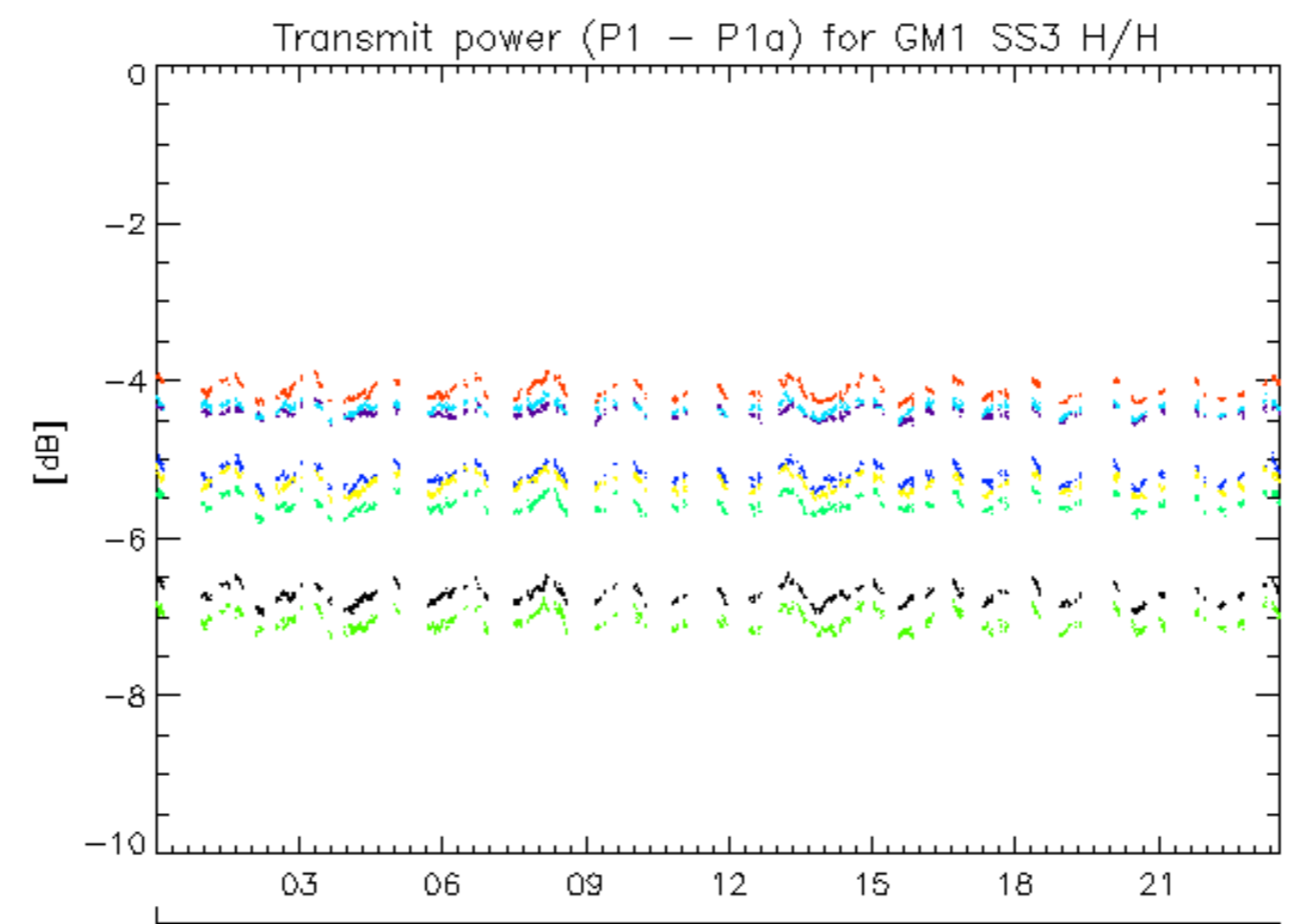


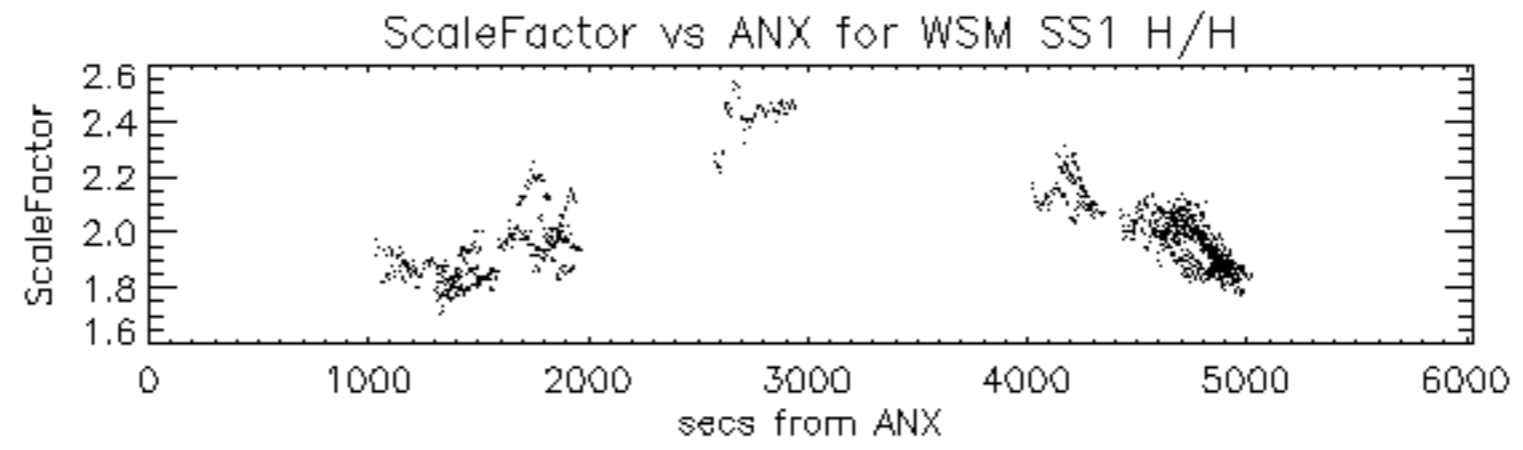


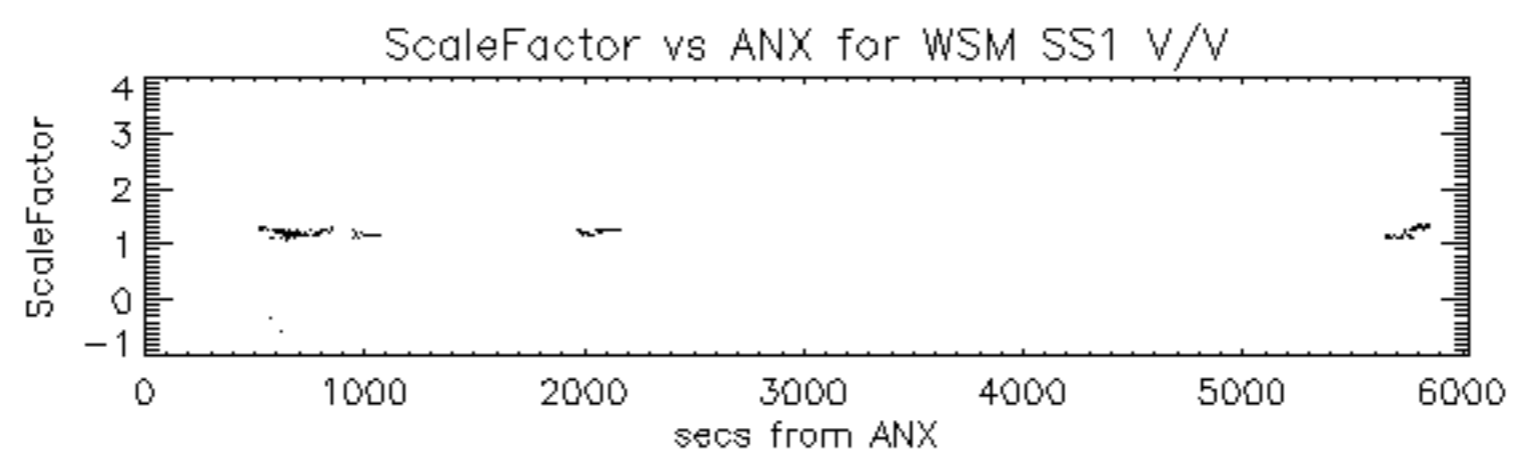


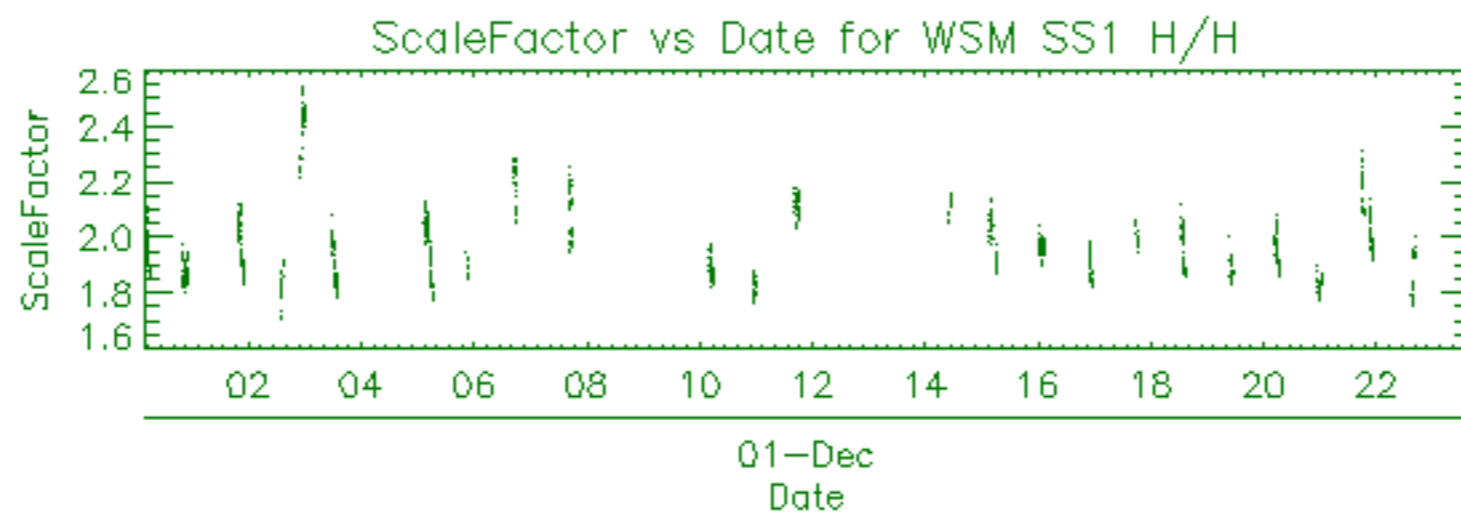


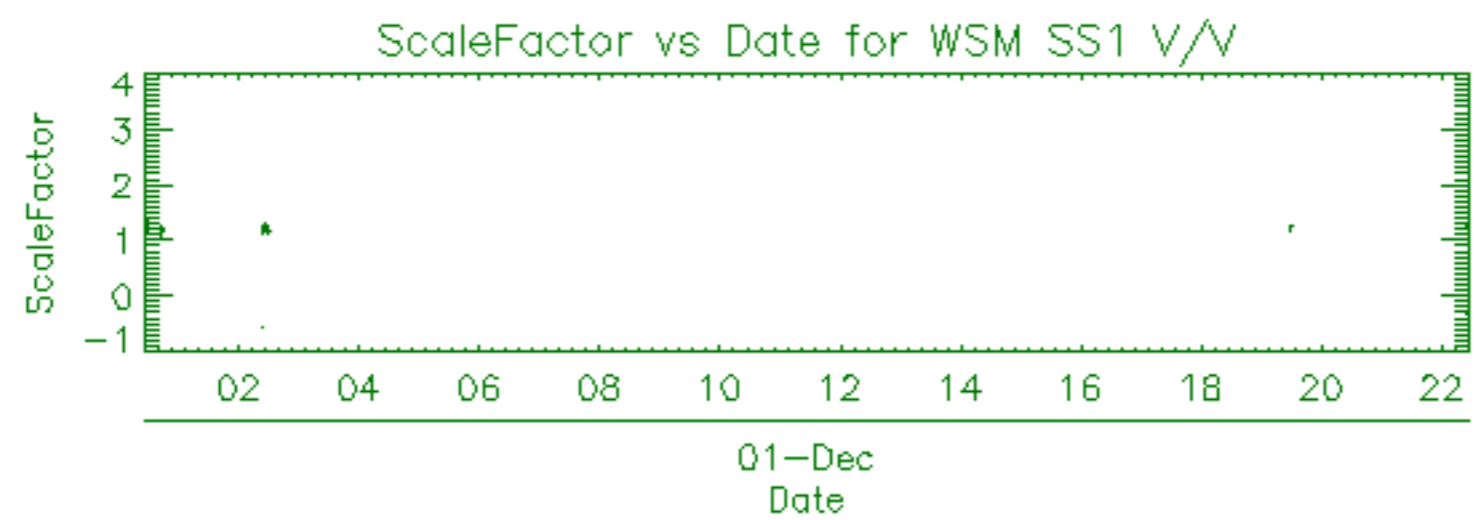












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
ASA_APM_1PNPDE20101201_144326_000000443097_00068_45772_0677.N1						IS4 V/H 97	45772	68	5.04	
ASA_APM_1PNPDE20101201_161923_000000423097_00069_45773_0699.N1						IS4 V/H 97	45773	69	5.04	
ASA_APM_1PNPDE20101201_231657_000000723097_00073_45777_0749.N1						IS4 V/H 97	45777	73	5.04	

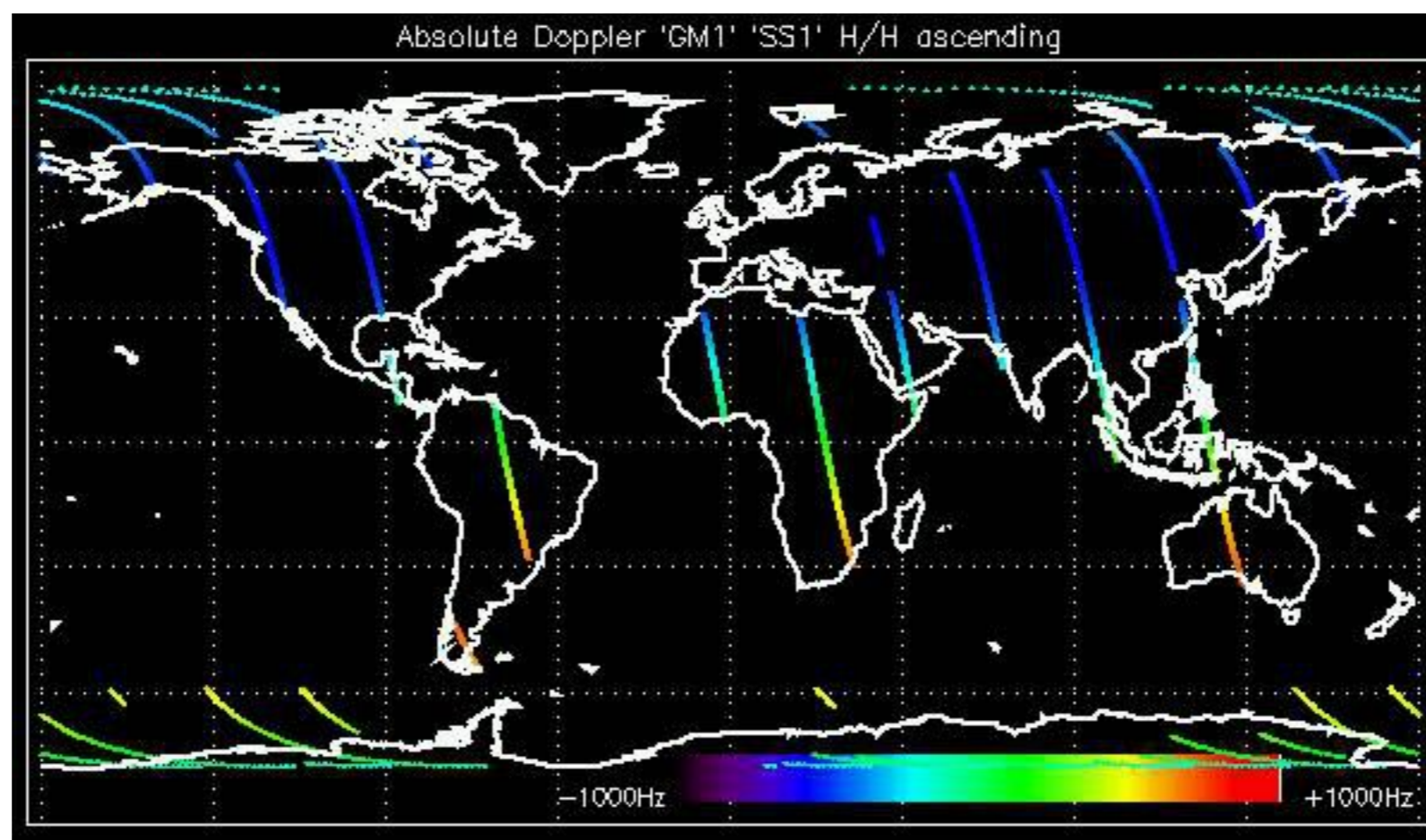
ASA_GM1_1PNPDE20101201_221636_000004343097_00073_45777_0760.N1	SS1	H/H	97	45777	73	5.04
ASA_GM1_1PNPDE20101201_224059_000004413097_00073_45777_0766.N1	SS1	H/H	97	45777	73	5.04
ASA_GM1_1PNPDE20101201_231242_000001263097_00073_45777_0765.N1	SS1	H/H	97	45777	73	5.04
ASA_GM1_1PNPDE20101201_231456_000000963097_00073_45777_0780.N1	SS1	H/H	97	45777	73	5.04
ASA_GM1_1PNPDE20101201_232230_000006163097_00073_45777_0786.N1	SS1	H/H	97	45777	73	5.04

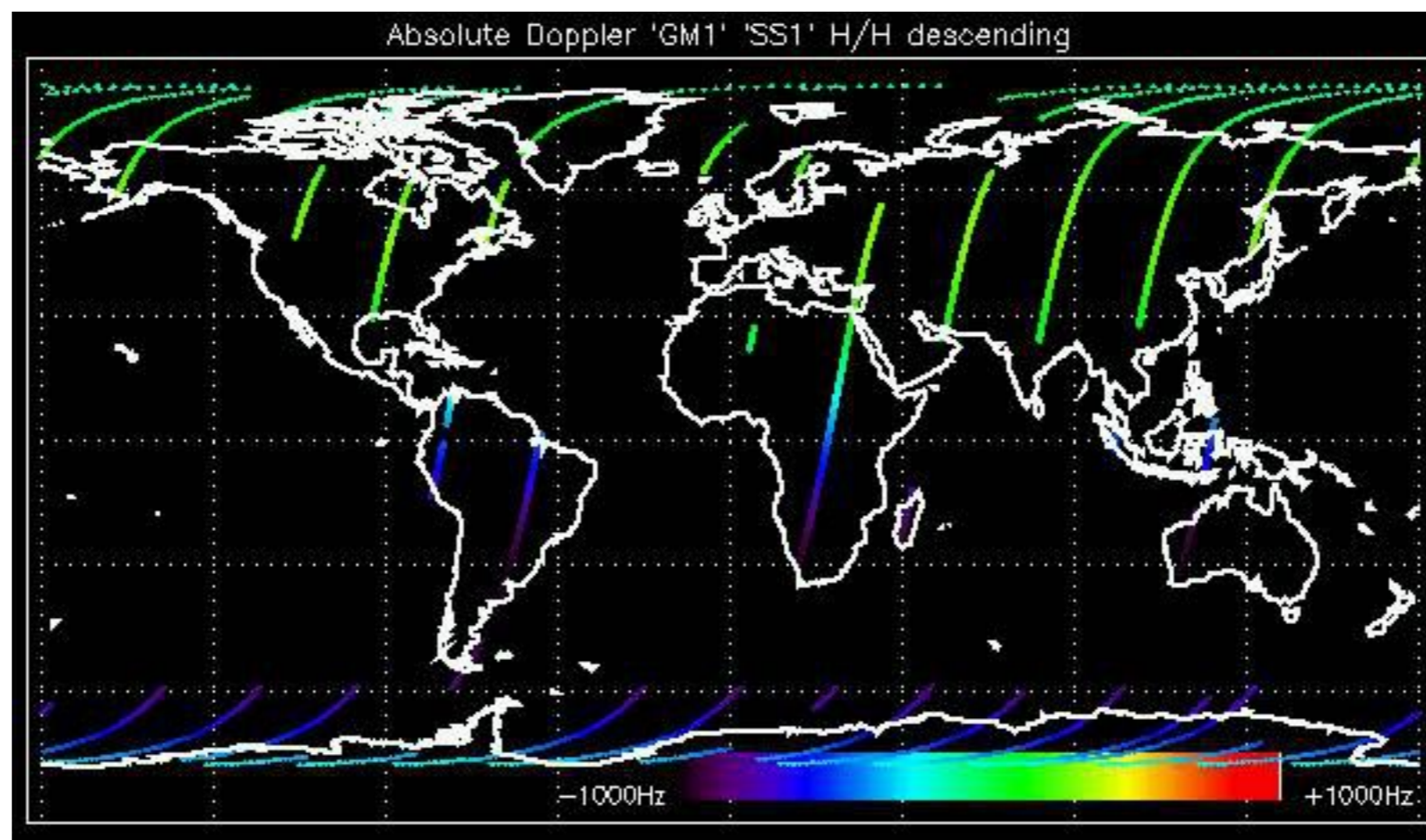
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20101201_012016_000000393097_00060_45764_0384.N1						IS4	H/H	97	45764	60	5.04
ASA_IMM_1PNPDE20101201_034018_000001423097_00061_45765_0451.N1						IS6	H/H	97	45765	61	5.04
ASA_IMM_1PNPDE20101201_043619_000002733097_00062_45766_0452.N1						IS6	H/H	97	45766	62	5.04
ASA_IMM_1PNPDE20101201_061629_000000733097_00063_45767_0489.N1						IS2	V/V	97	45767	63	5.04
ASA_IMM_1PNPDE20101201_074537_000001063097_00064_45768_0544.N1						IS6	V/V	97	45768	64	5.04
ASA_IMM_1PNPDE20101201_093747_000002913097_00065_45769_0577.N1						IS6	H/H	97	45769	65	5.04

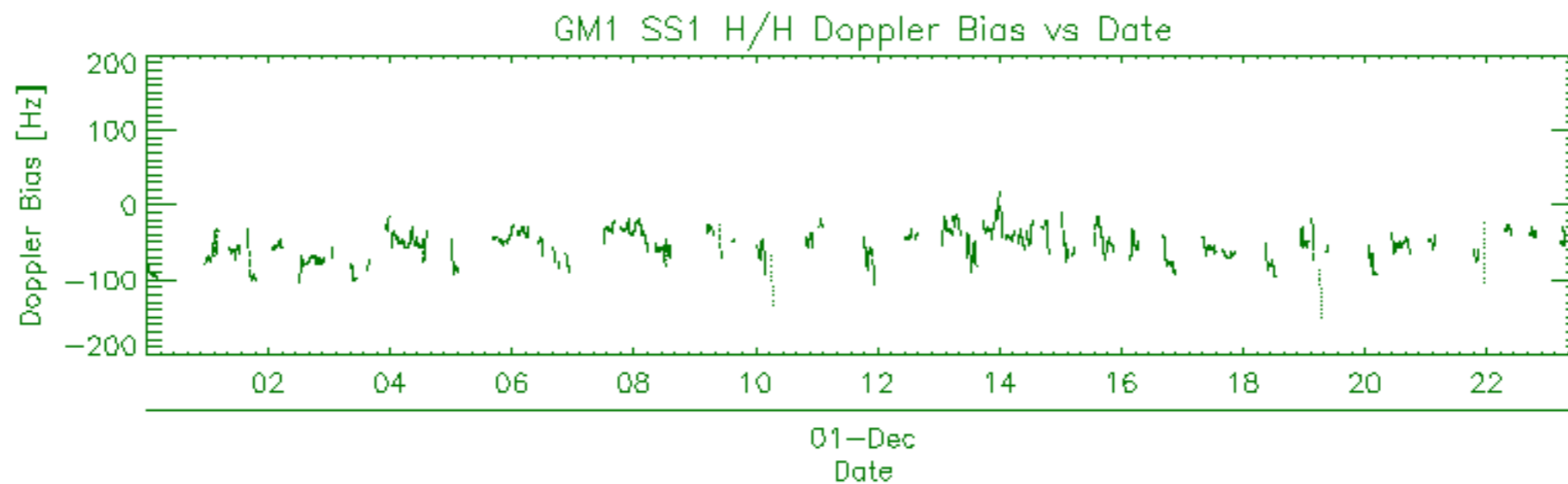
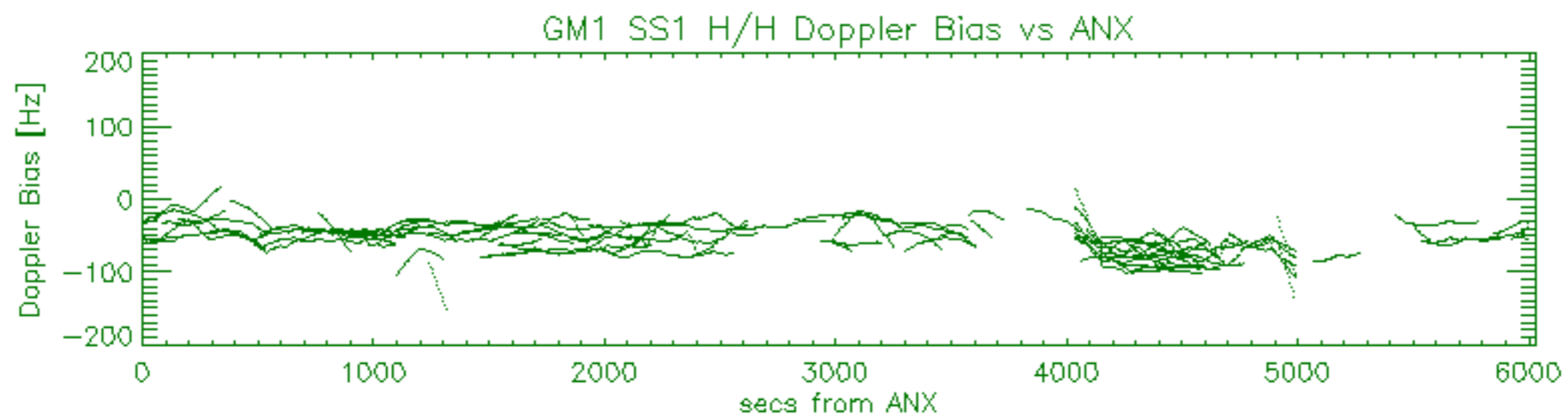
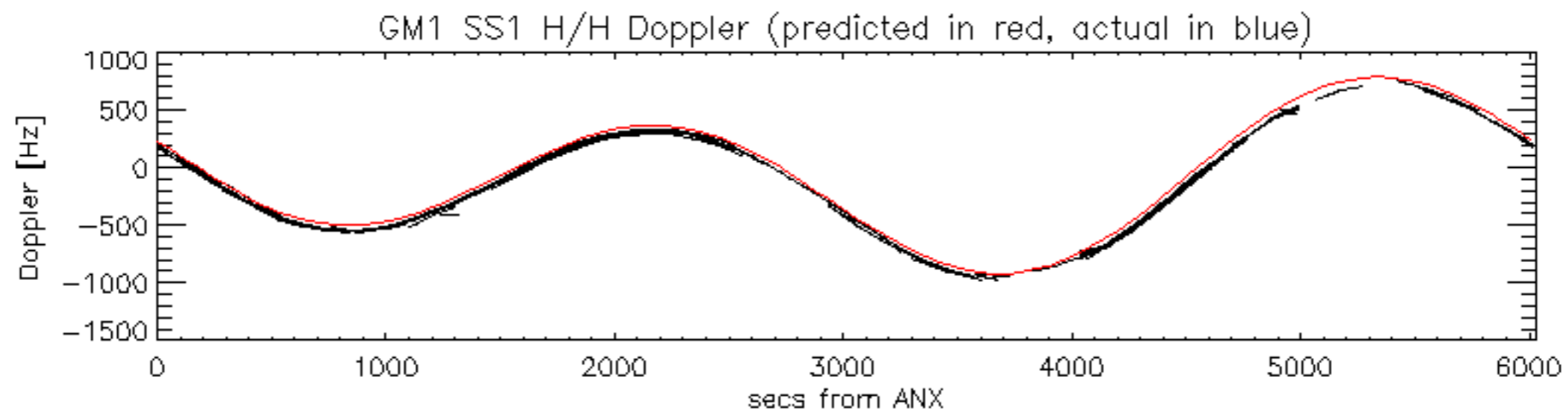
Filename	Pol	Timestamp	count(Module)				
ASA_MS__0PNPDK20101201_200201_000000163097_00071_45775_0327.N1	H			2010-12-01	20:02:01	320	
ASA_MS__0PNPDE20101201_214215_000000163097_00072_45776_0098.N1	V			2010-12-01	21:42:15	320	

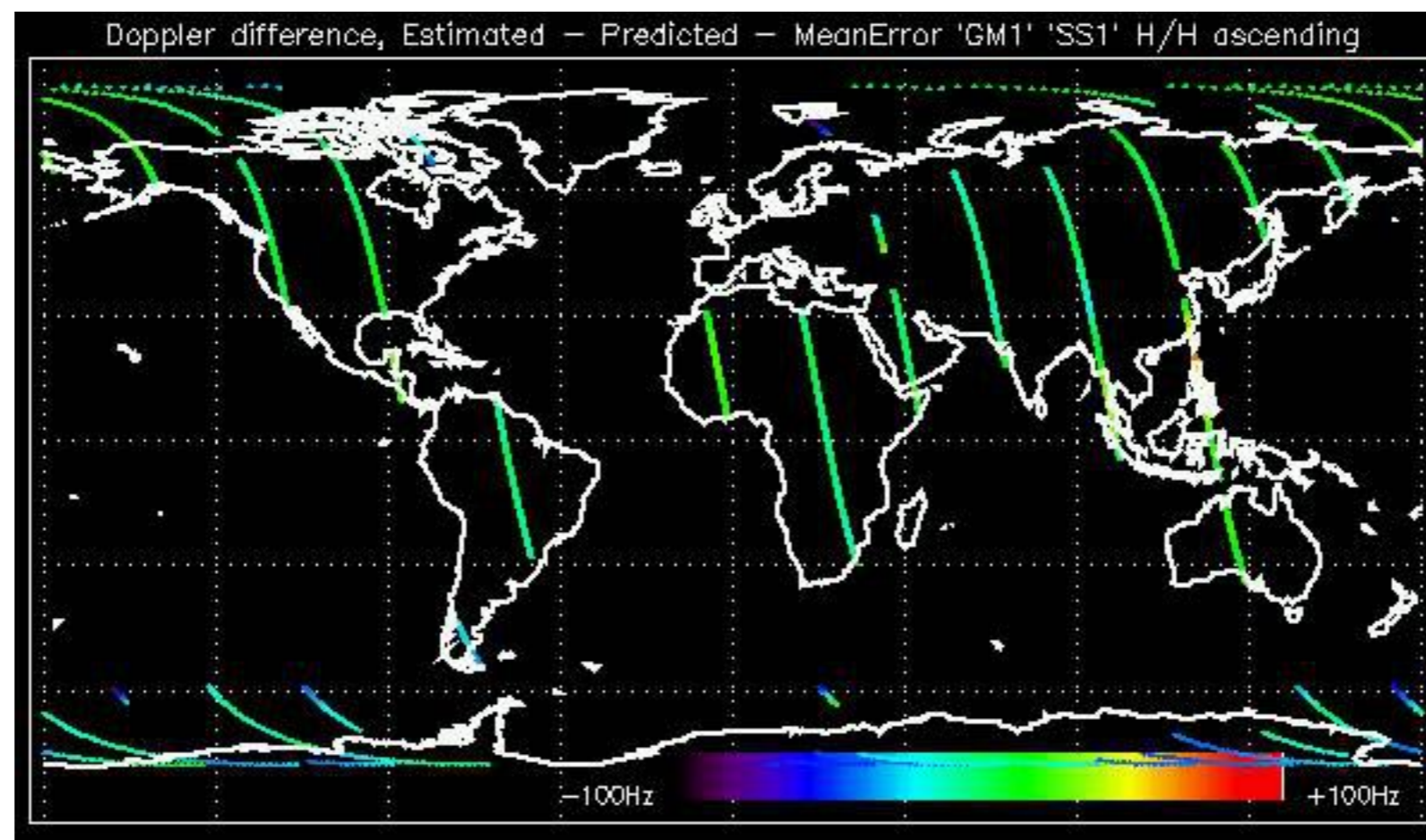
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20101201_000948_000003363097_00059_45763_0331.N1						SS1	H/H	97	45763	59	5.04
ASA_WSM_1PNPDE20101201_002602_000002263097_00059_45763_0375.N1						SS1	V/V	97	45763	59	5.04
ASA_WSM_1PNPDE20101201_004225_000000983097_00060_45764_0380.N1						SS1	V/V	97	45764	60	5.04
ASA_WSM_1PNPDE20101201_004923_000004343097_00060_45764_0383.N1						SS1	H/H	97	45764	60	5.04
ASA_WSM_1PNPDE20101201_014840_000004533097_00060_45764_0409.N1						SS1	H/H	97	45764	60	5.04
ASA_WSM_1PNPDE20101201_022234_000002693097_00061_45765_0424.N1						SS1	V/V	97	45765	61	5.04
ASA_WSM_1PNPDE20101201_022809_000001533097_00061_45765_0443.N1						SS1	V/V	97	45765	61	5.04
ASA_WSM_1PNPDE20101201_023416_000001533097_00061_45765_0436.N1						SS1	H/H	97	45765	61	5.04
ASA_WSM_1PNPDE20101201_025515_000003923097_00061_45765_0420.N1						SS1	H/H	97	45765	61	5.04
ASA_WSM_1PNPDE20101201_032740_000004533097_00061_45765_0450.N1						SS1	H/H	97	45765	61	5.04
ASA_WSM_1PNPDE20101201_050628_000005753097_00062_45766_0488.N1						SS1	H/H	97	45766	62	5.04
ASA_WSM_1PNPDE20101201_055153_000000923097_00063_45767_0490.N1						SS1	H/H	97	45767	63	5.04
ASA_WSM_1PNPDE20101201_064203_000001773097_00063_45767_0530.N1						SS1	H/H	97	45767	63	5.04
ASA_WSM_1PNPDE20101201_074016_000003003097_00064_45768_0543.N1						SS1	H/H	97	45768	64	5.04
ASA_WSM_1PNPDE20101201_100951_000003303097_00065_45769_0624.N1						SS1	H/H	97	45769	65	5.04
ASA_WSM_1PNPDE20101201_105625_000002393097_00066_45770_0614.N1						SS1	H/H	97	45770	66	5.04
ASA_WSM_1PNPDE20101201_114034_000003553097_00066_45770_0629.N1						SS1	H/H	97	45770	66	5.04
ASA_WSM_1PNPDE20101201_142510_000000983097_00068_45772_0678.N1						SS1	H/H	97	45772	68	5.04
ASA_WSM_1PNPDE20101201_150751_000002143097_00068_45772_0679.N1						SS1	H/H	97	45772	68	5.04
ASA_WSM_1PNPDE20101201_151351_000001473097_00068_45772_0680.N1						SS1	H/H	97	45772	68	5.04
ASA_WSM_1PNPDE20101201_160044_000003983097_00069_45773_0698.N1						SS1	H/H	97	45773	69	5.04
ASA_WSM_1PNPDE20101201_165351_000002143097_00069_45773_0697.N1						SS1	H/H	97	45773	69	5.04
ASA_WSM_1PNPDE20101201_174410_000001353097_00070_45774_0701.N1						SS1	H/H	97	45774	70	5.04
ASA_WSM_1PNPDE20101201_183212_000002813097_00070_45774_0700.N1						SS1	H/H	97	45774	70	5.04
ASA_WSM_1PNPDE20101201_192339_000002203097_00071_45775_0707.N1						SS1	H/H	97	45775	71	5.04
ASA_WSM_1PNPDE20101201_192737_000002083097_00071_45775_0708.N1						SS1	V/V	97	45775	71	5.04
ASA_WSM_1PNPDE20101201_201127_000003433097_00071_45775_0706.N1						SS1	H/H	97	45775	71	5.04
ASA_WSM_1PNPDE20101201_205644_000003003097_00072_45776_0737.N1						SS1	H/H	97	45776	72	5.04
ASA_WSM_1PNPDE20101201_214353_000001713097_00072_45776_0743.N1						SS1	H/H	97	45776	72	5.04
ASA_WSM_1PNPDE20101201_215153_000002943097_00072_45776_0710.N1						SS1	H/H	97	45776	72	5.04
ASA_WSM_1PNPDE20101201_222351_000002083097_00073_45777_0747.N1						SS1	V/V	97	45777	73	5.04
ASA_WSM_1PNPDE20101201_223651_000002453097_00073_45777_0748.N1						SS1	H/H	97	45777	73	5.04
ASA_WSM_1PNPDE20101201_233251_000003303097_00073_45777_0761.N1						SS1	H/H	97	45777	73	5.04

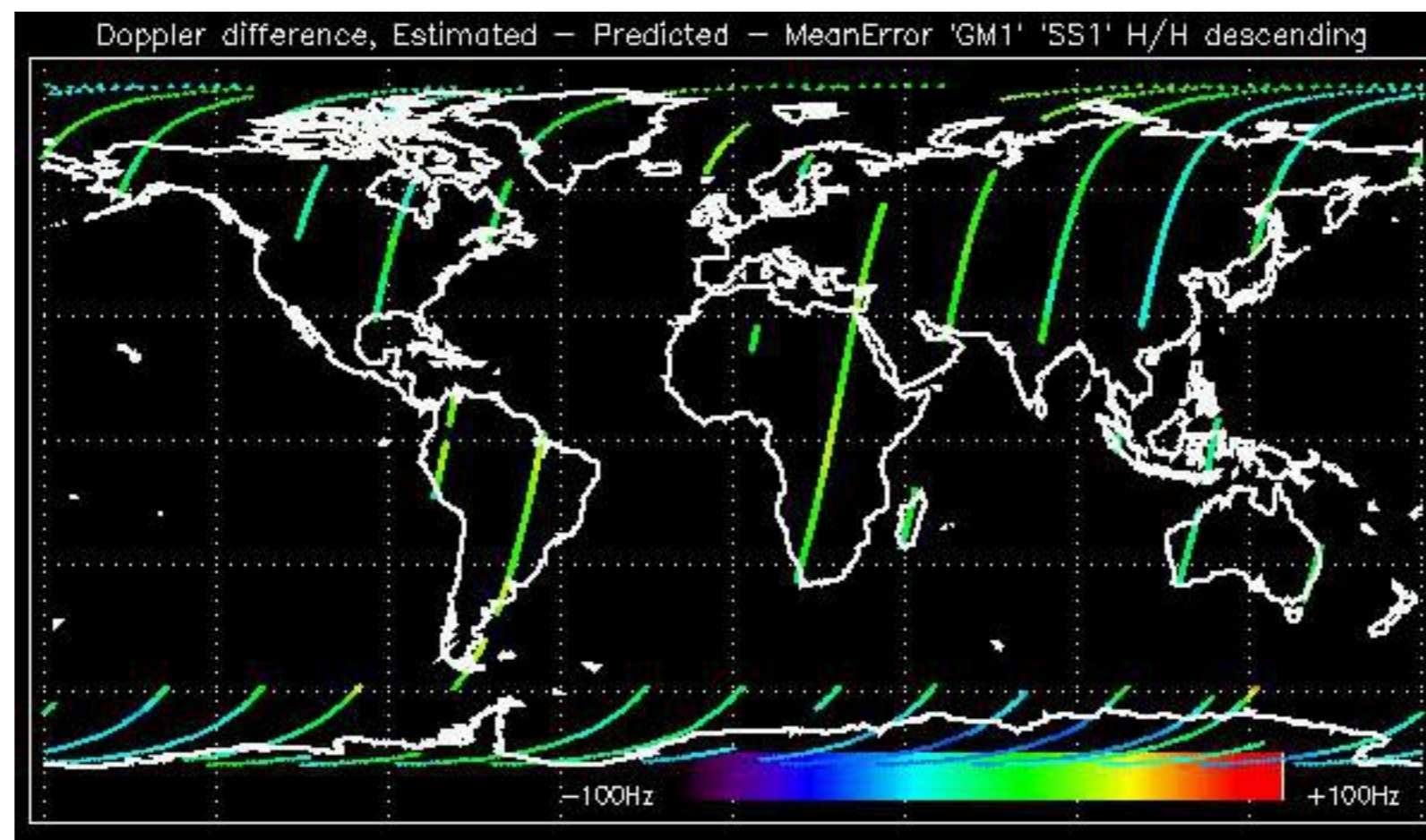
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20101201_012534_000000143097_00060_45764_0406.N1						IS2	H/H	97	45764	60	5.04
ASA_WVS_1PNPDE20101201_012534_000000143097_00060_45764_0406.N1						IS4	H/H	97	45764	60	5.04

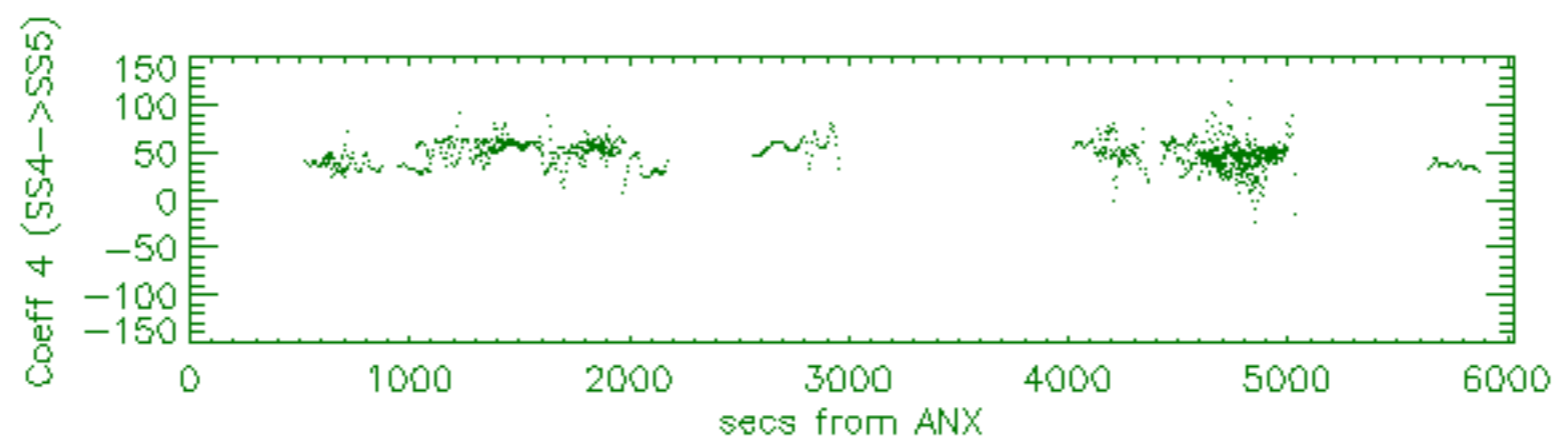
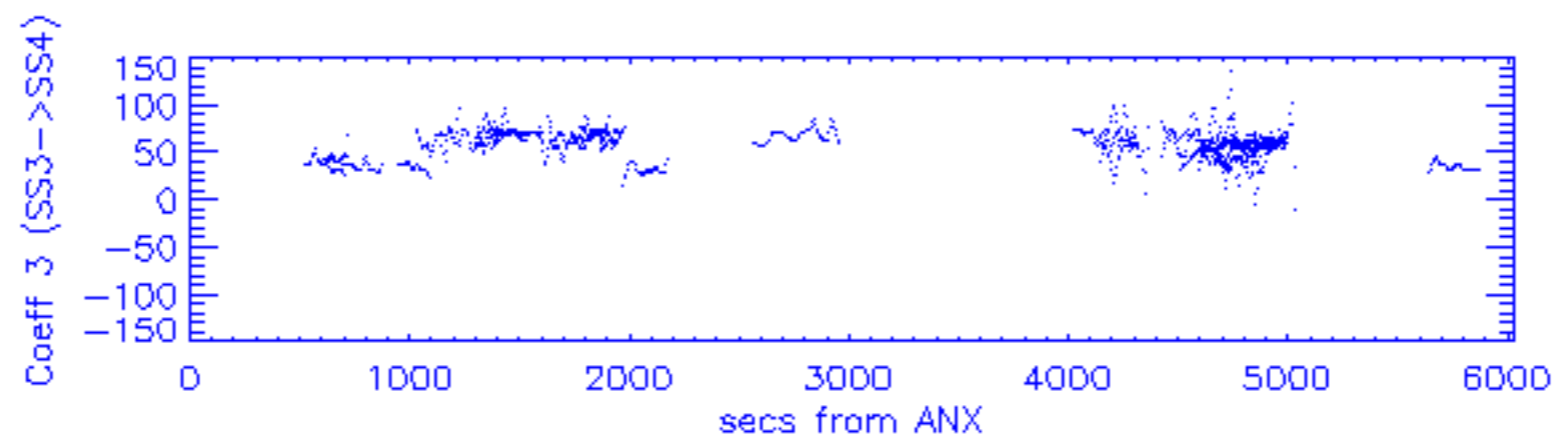
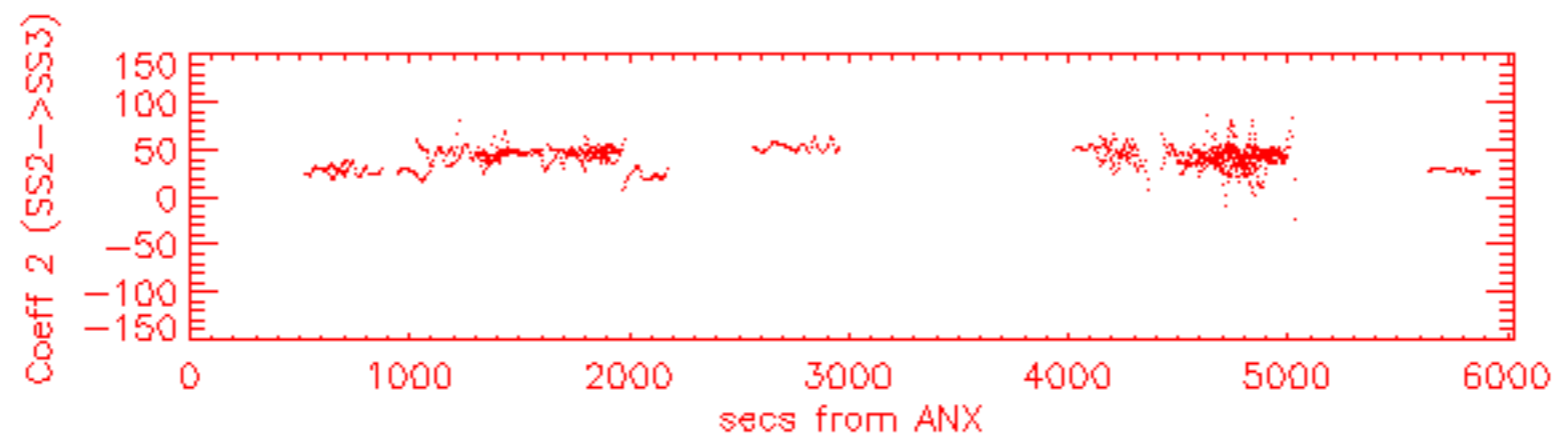
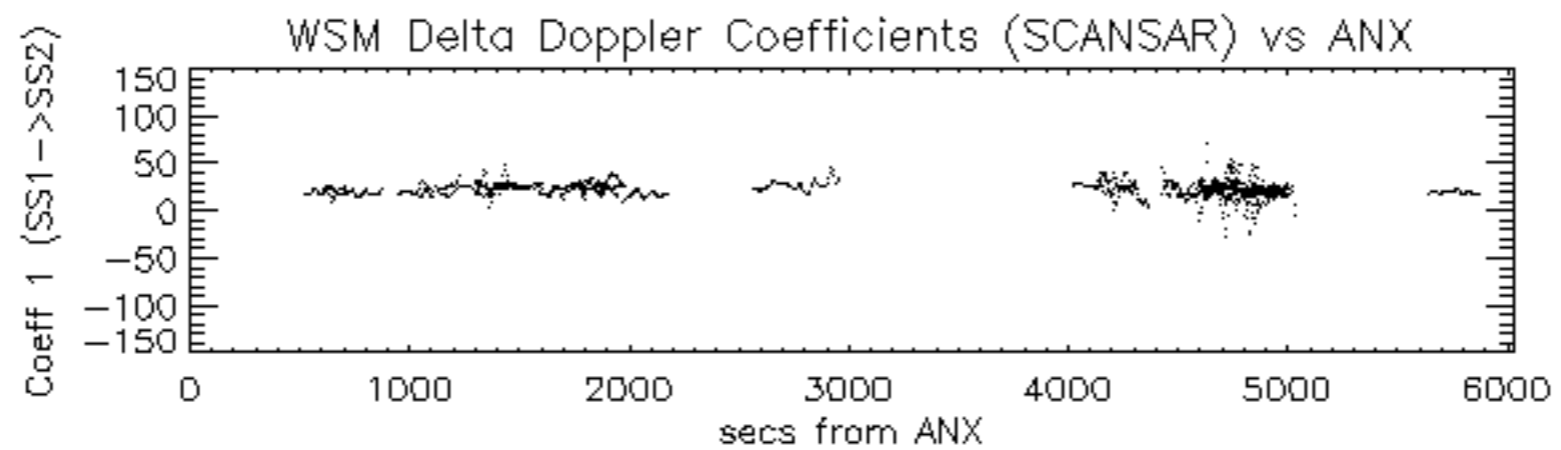


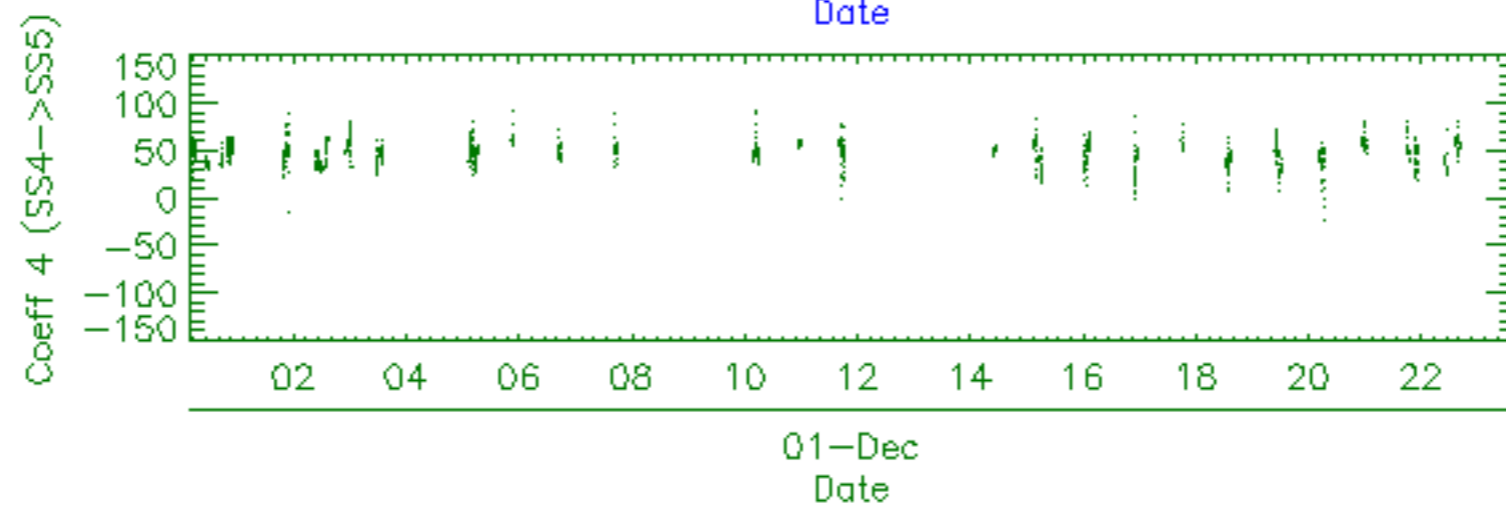
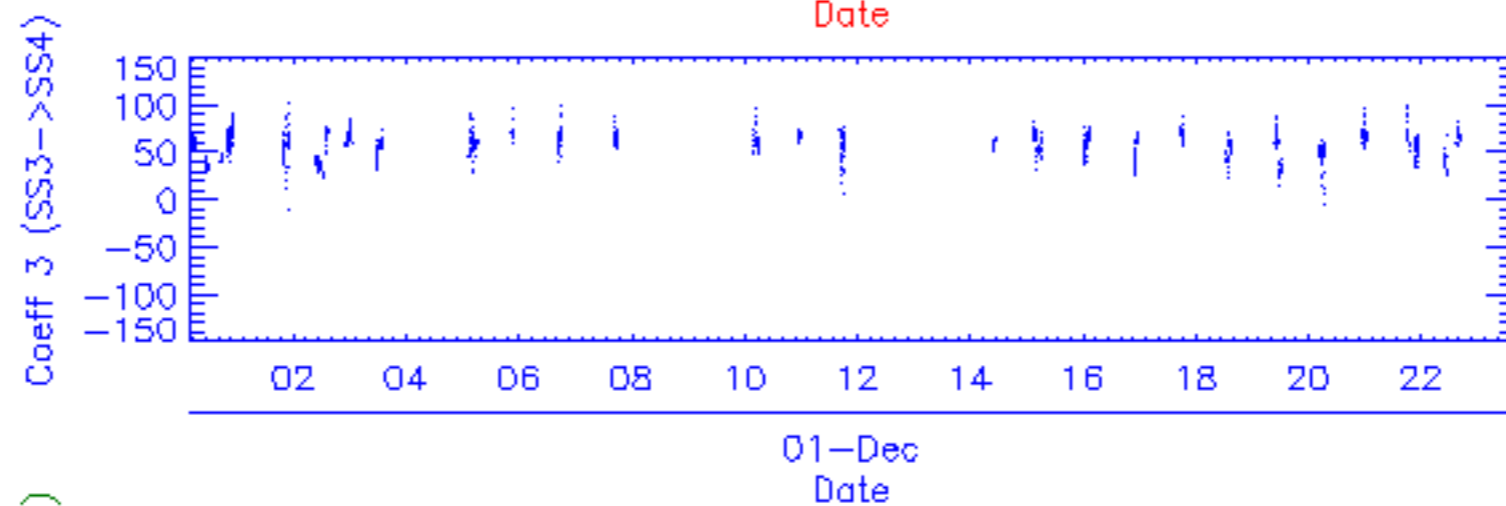
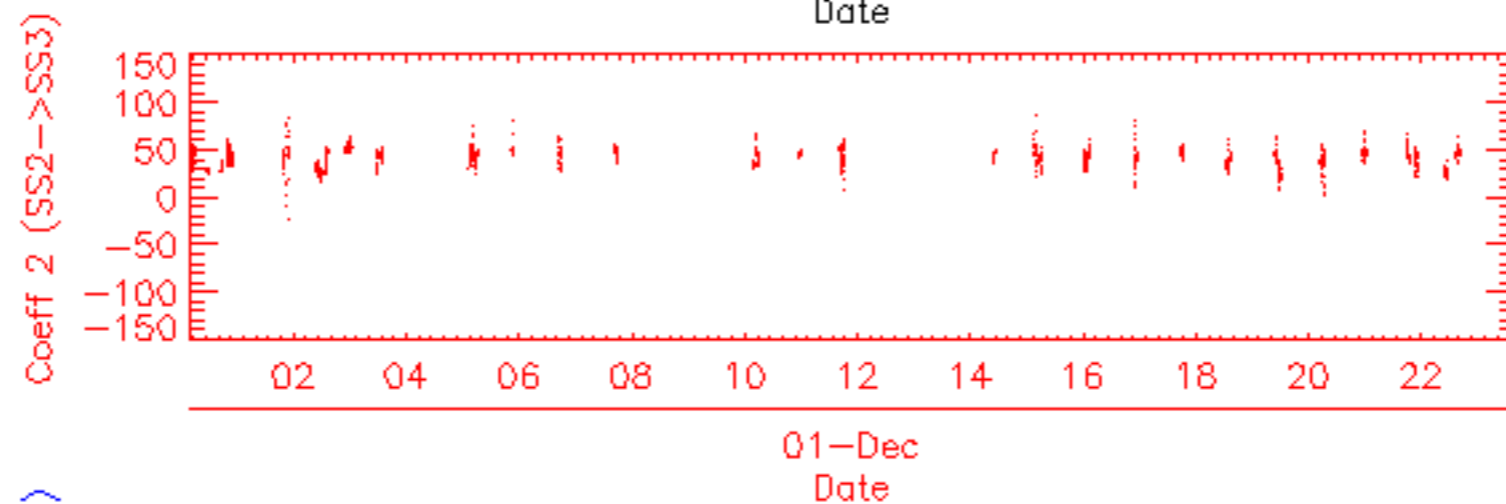
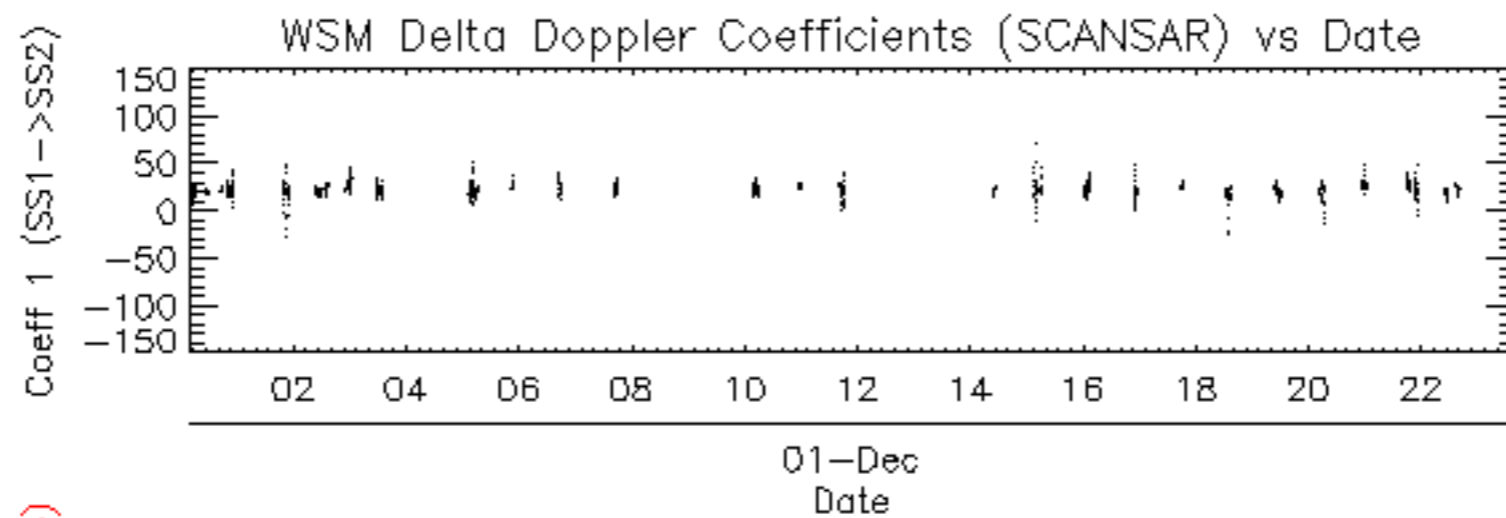


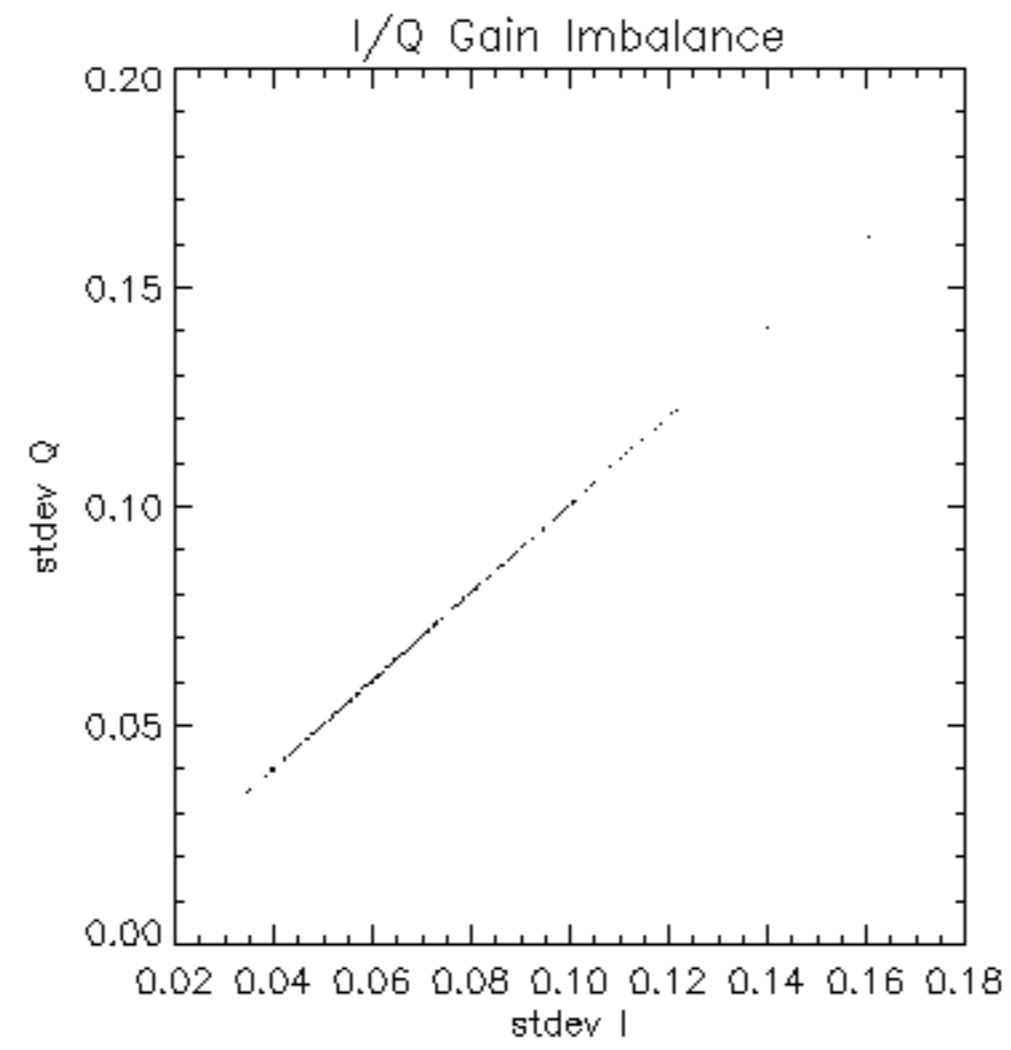


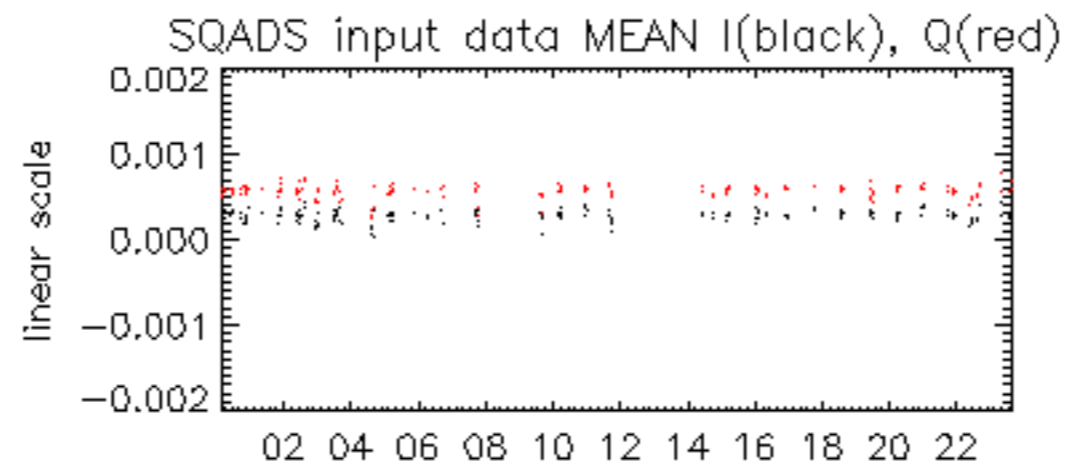




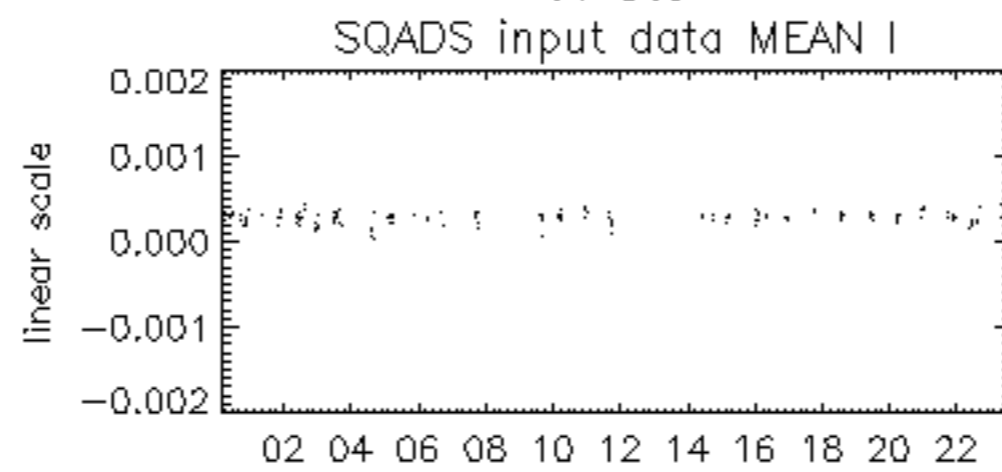




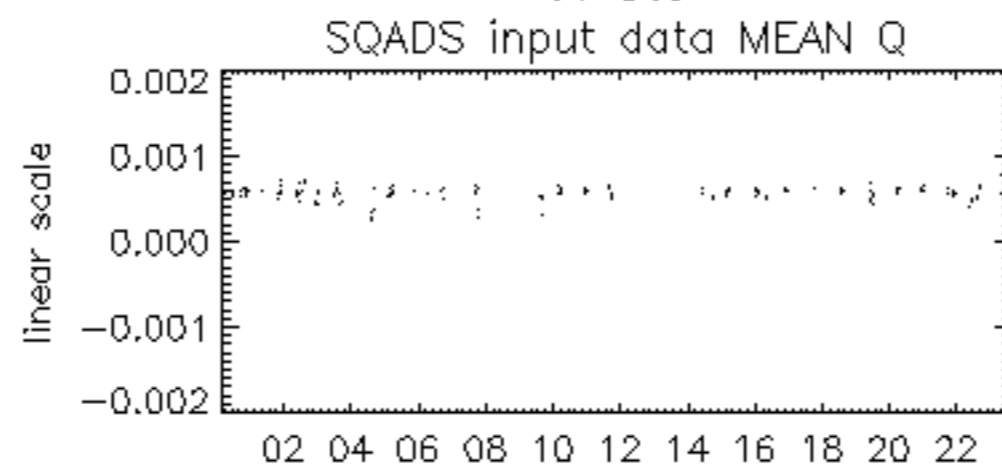




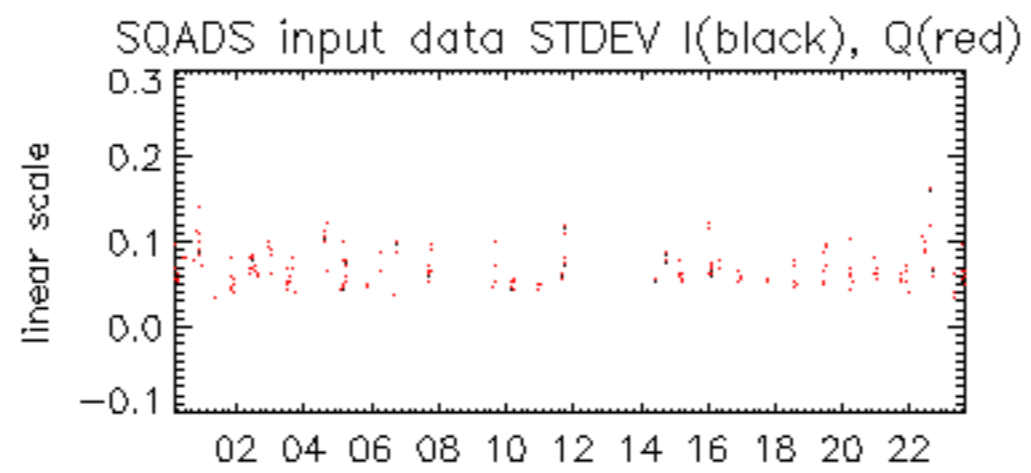
01-Dec



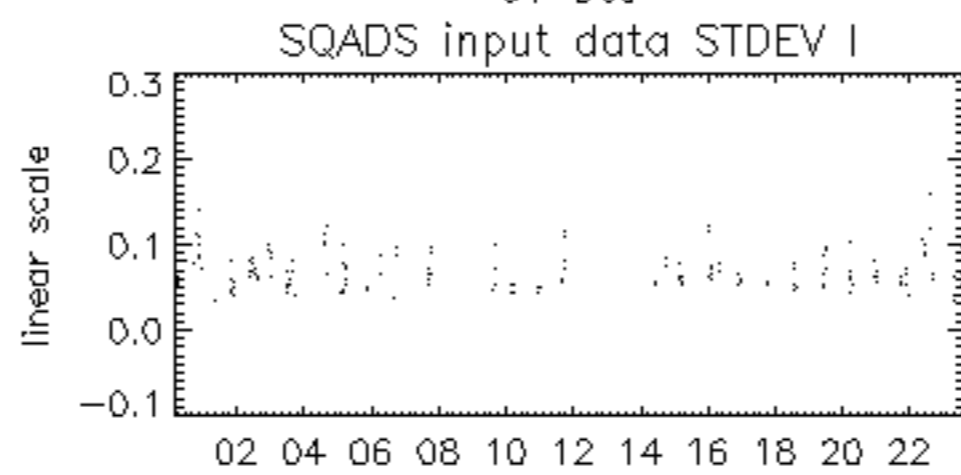
01-Dec



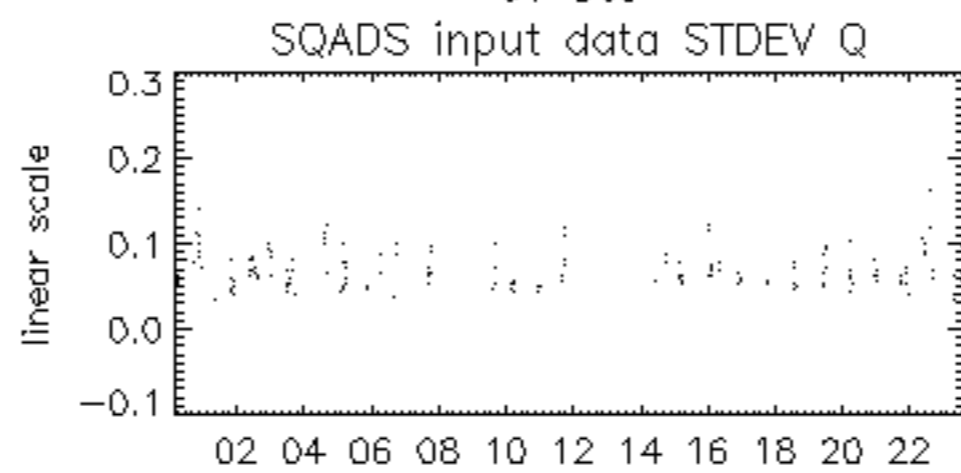
01-Dec



01-Dec



01-Dec



01-Dec

