



Analysis from 11-DEC-2011 00:00:00 to 11-DEC-2011 23:59:59. Page generated on 12-DEC-2011 06:31:41.
View log file: ASAR_Daily_Report_20111212_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.com.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	5	PDE	WS	H/H	41	PDE	IS1	V/V	1	PDE	IS2	V/V	2	PDE	WS	H/H	42	PDK	2011-12-11 10:56:28	H	320
PDE	IS2	V/V	25	PDK	WS	H/H	45	PDE	IS3	H/H	1	PDE	IS6	H/H	5	PDE	WS	V/V	5	PDK	2011-12-11 12:36:42	V	320
PDK	IS2	V/V	24					PDE	IS4	H/H	1	PDE	IS6	V/V	1	PDK	WS	H/H	14				
								PDE	IS6	V/H	1	PDK	IS4	V/V	1	PDK	WS	V/V	1				
												PDK	IS6	H/H	1								

1.2 - Lists of products used

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[TXT] [XLS] [List_WVS_products_used](#)
 [TXT] [XLS] [List_GM1_products_used](#)
 [TXT] [XLS] [List_APM_products_used](#)
 [TXT] [XLS] [List_IMM_products_used](#)
 [TXT] [XLS] [List_WSM_products_used](#)
 [TXT] [XLS] [List_MS_products_used](#)

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

2.2 - Products with wrong ADFs

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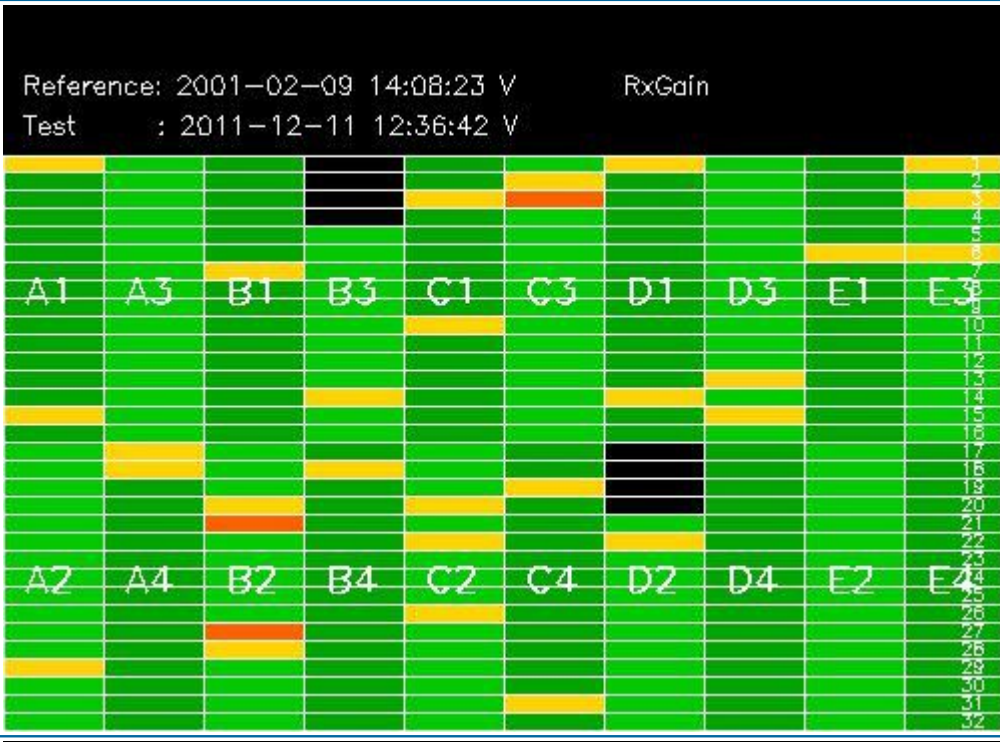
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

[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

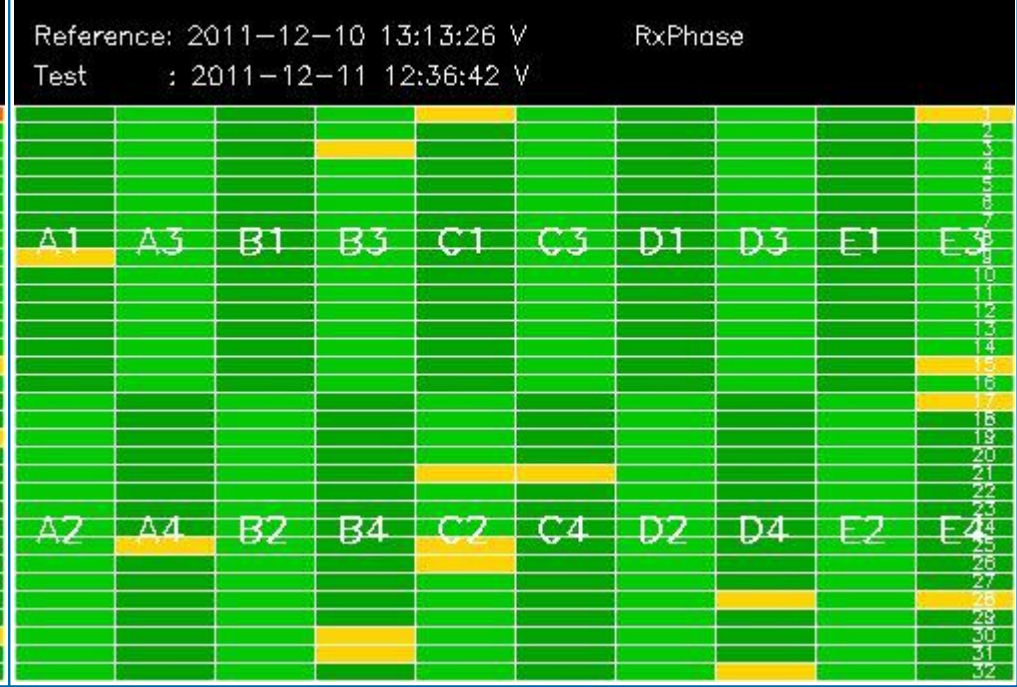
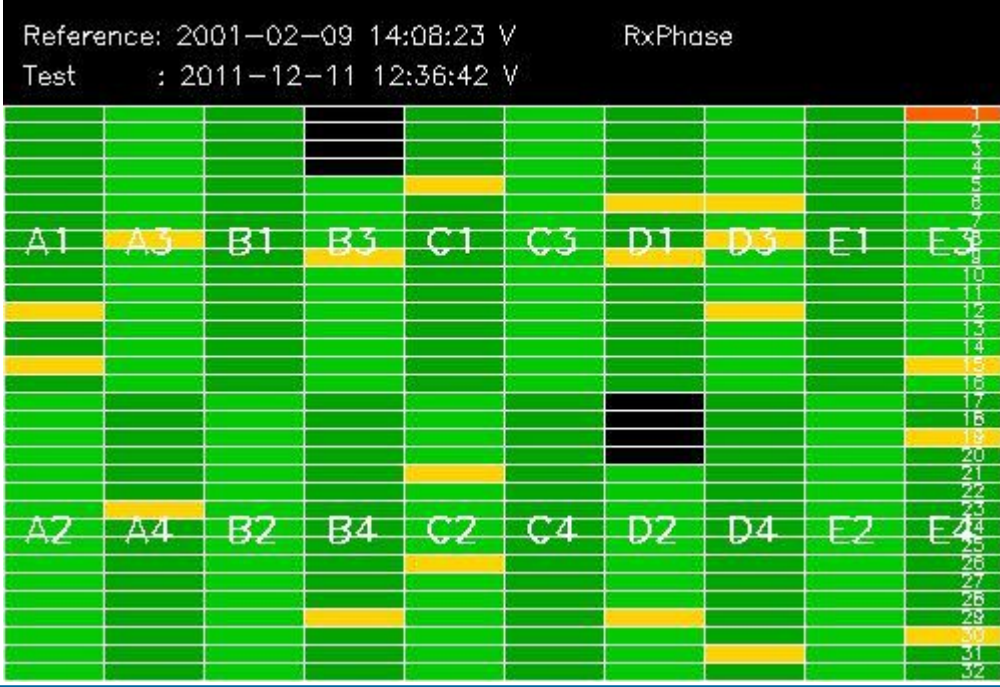
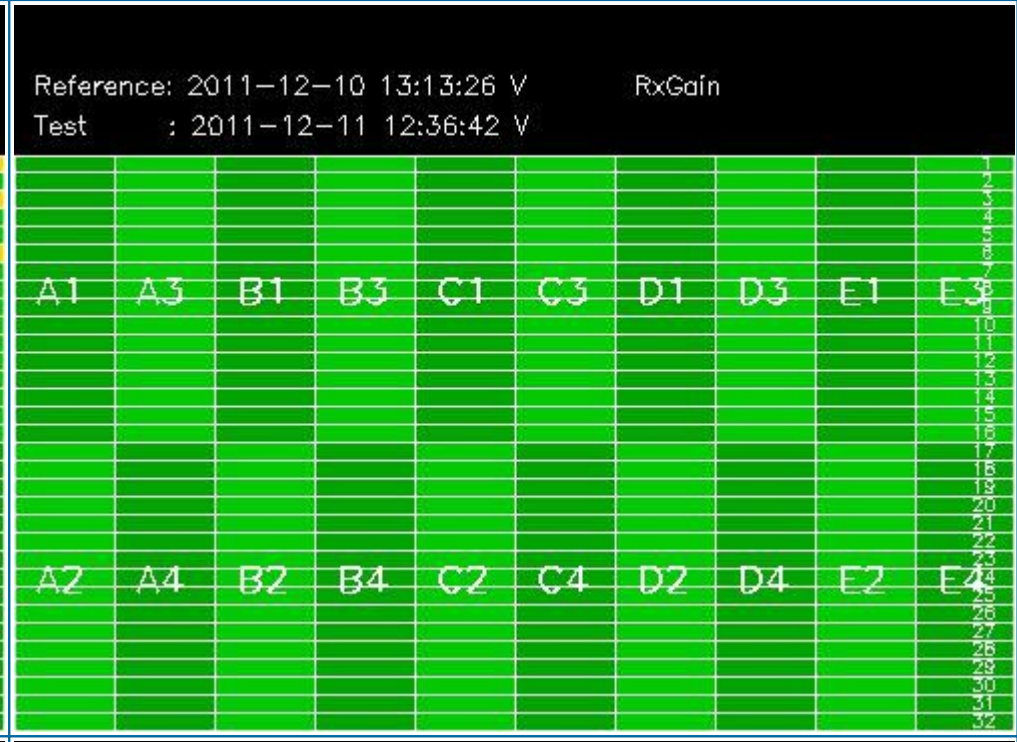
SECOND FIXED REFERENCE

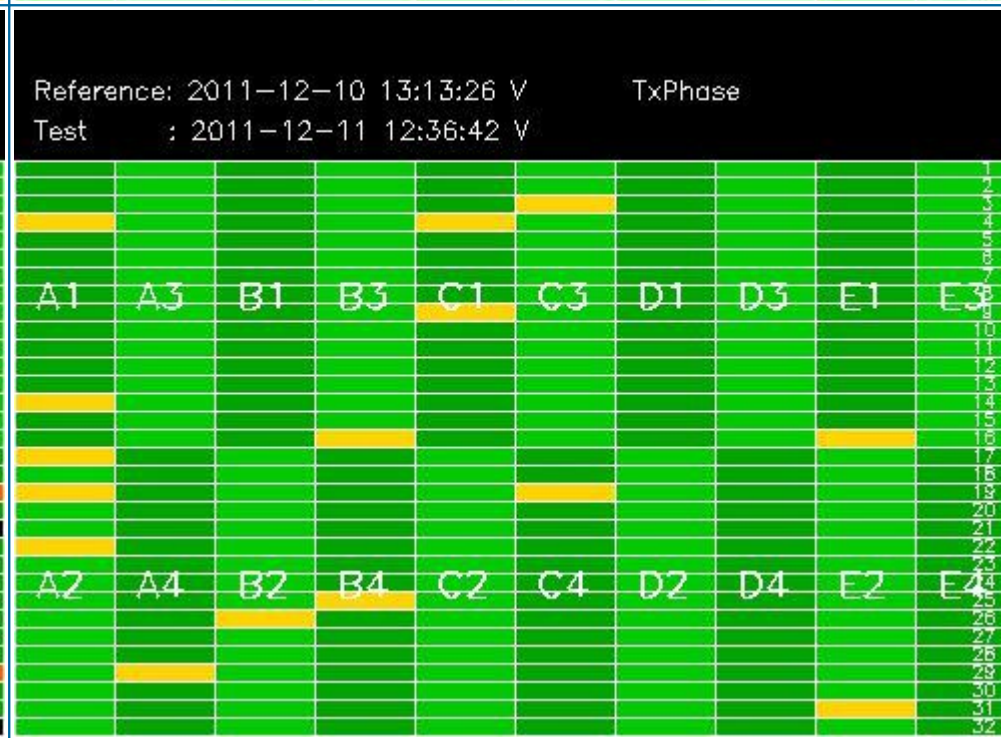
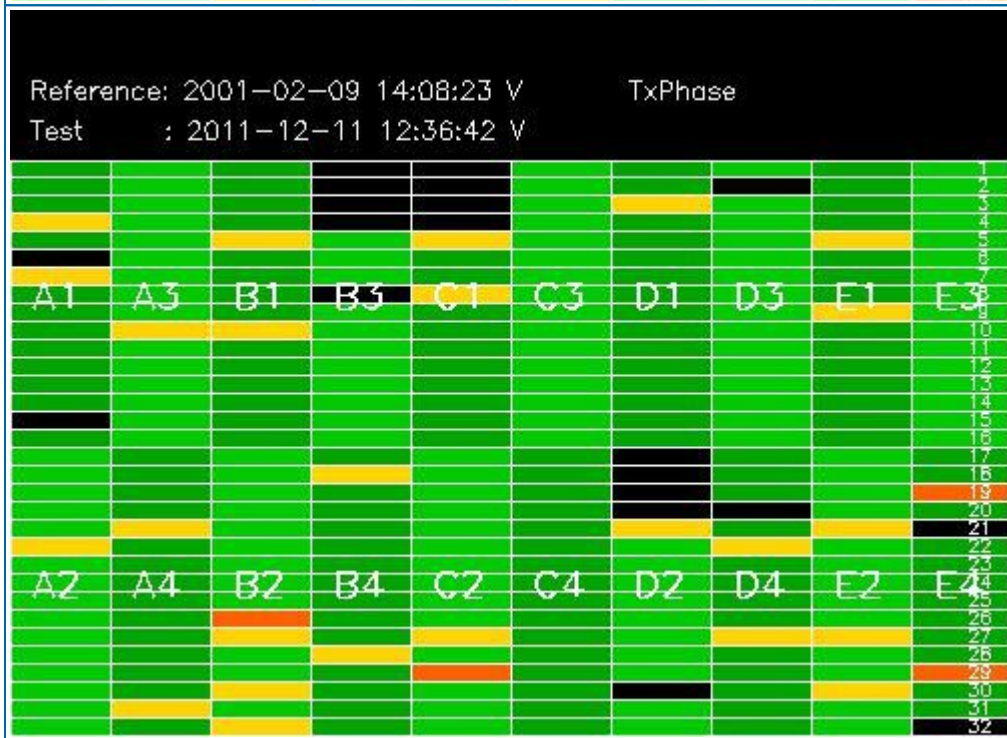
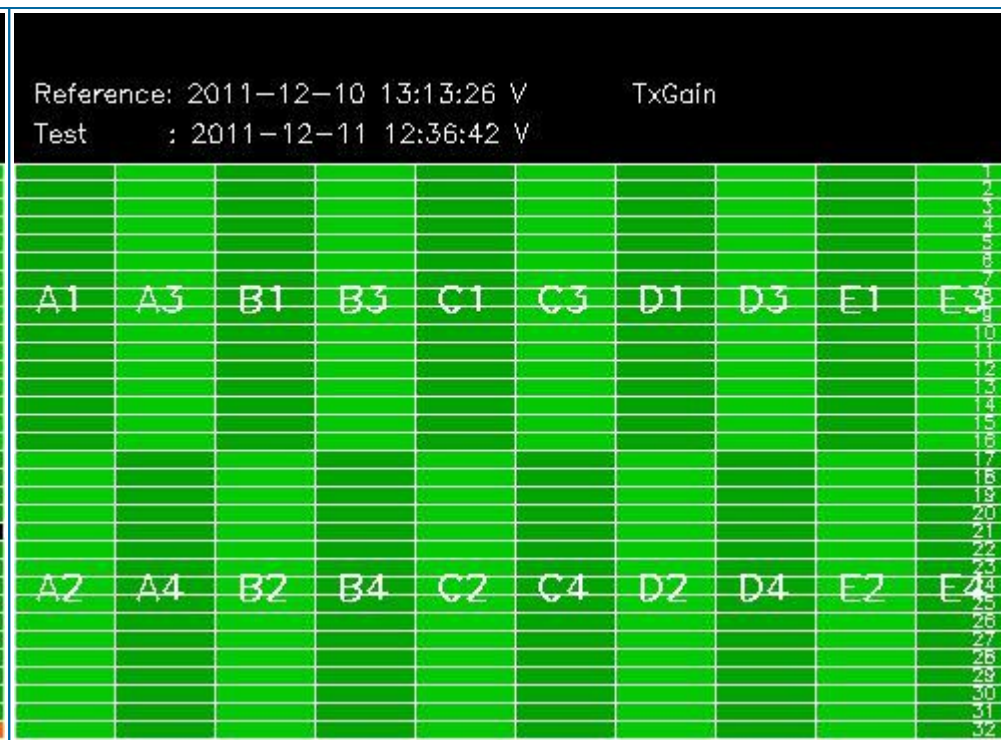
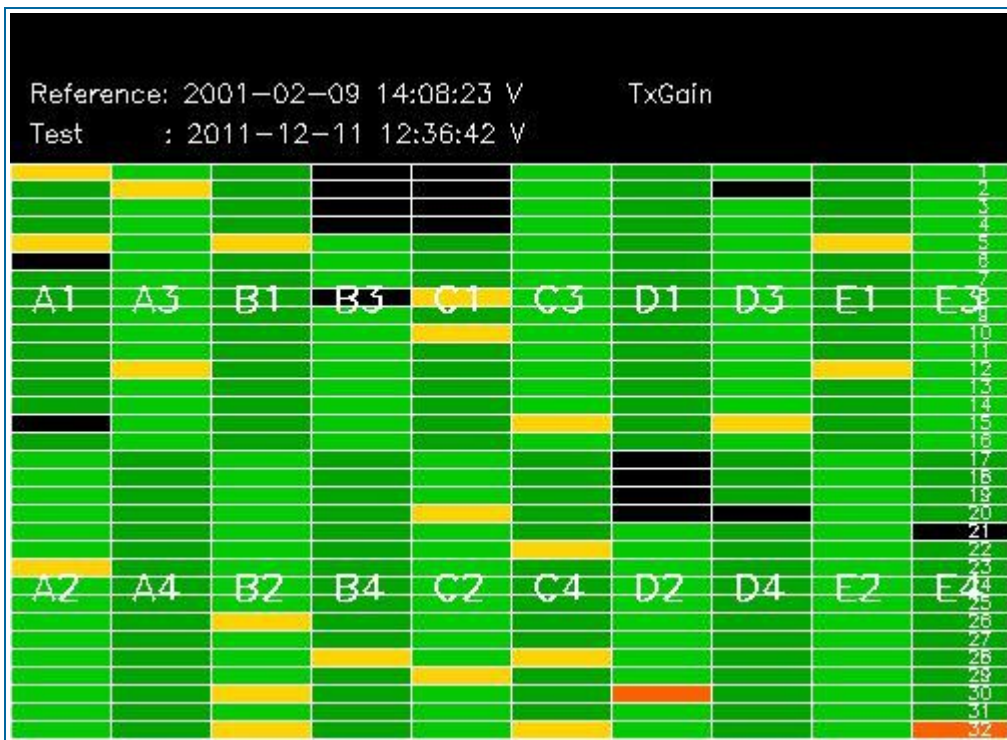
Pre-launch reference (2001-02-09)



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

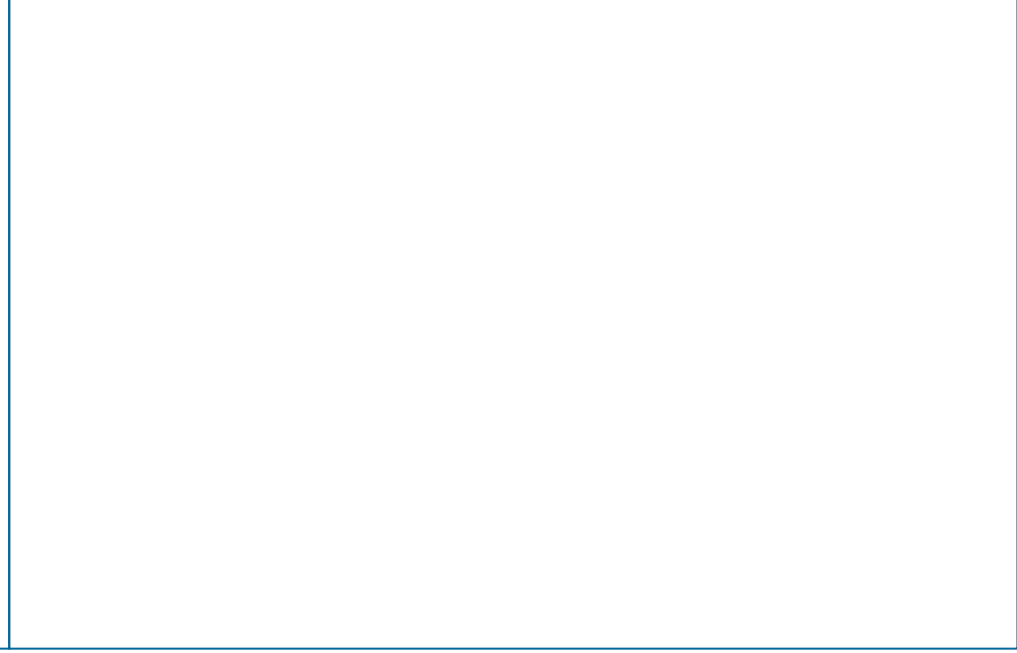
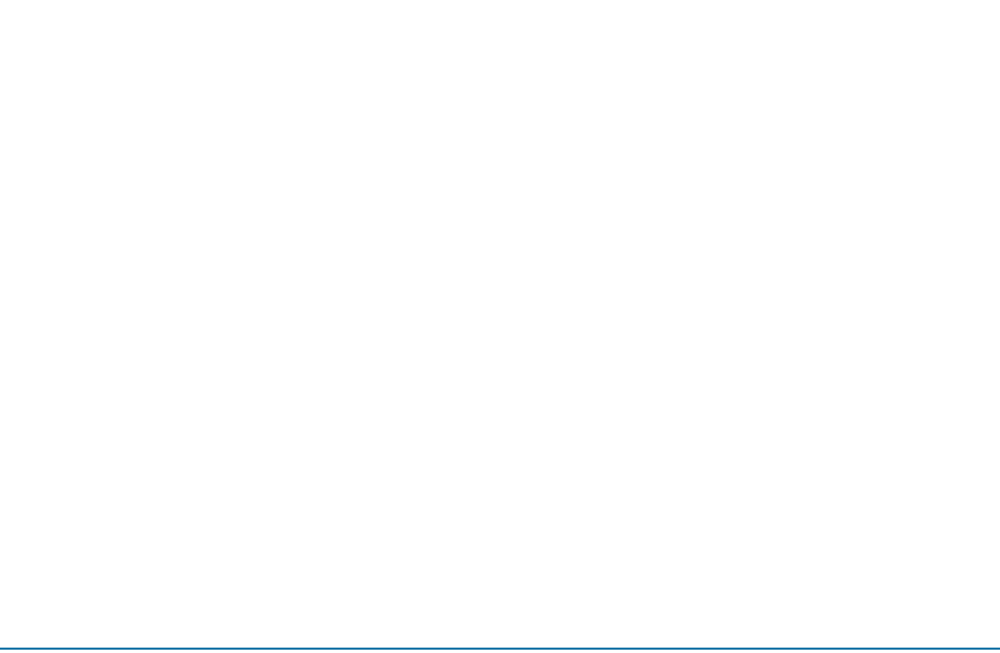
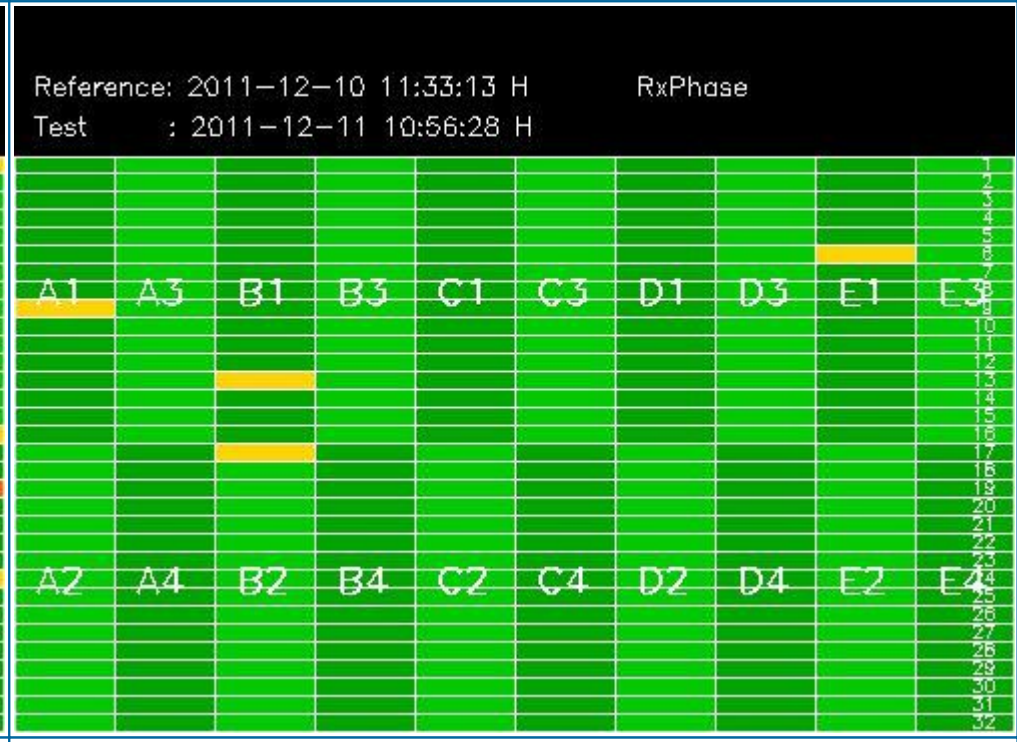
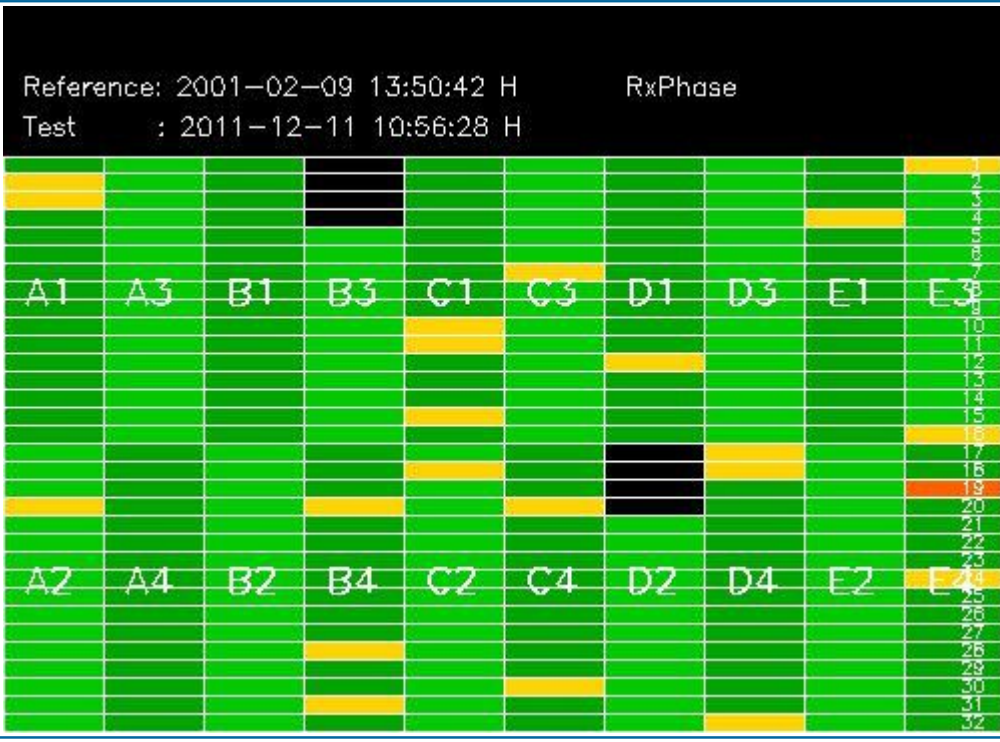
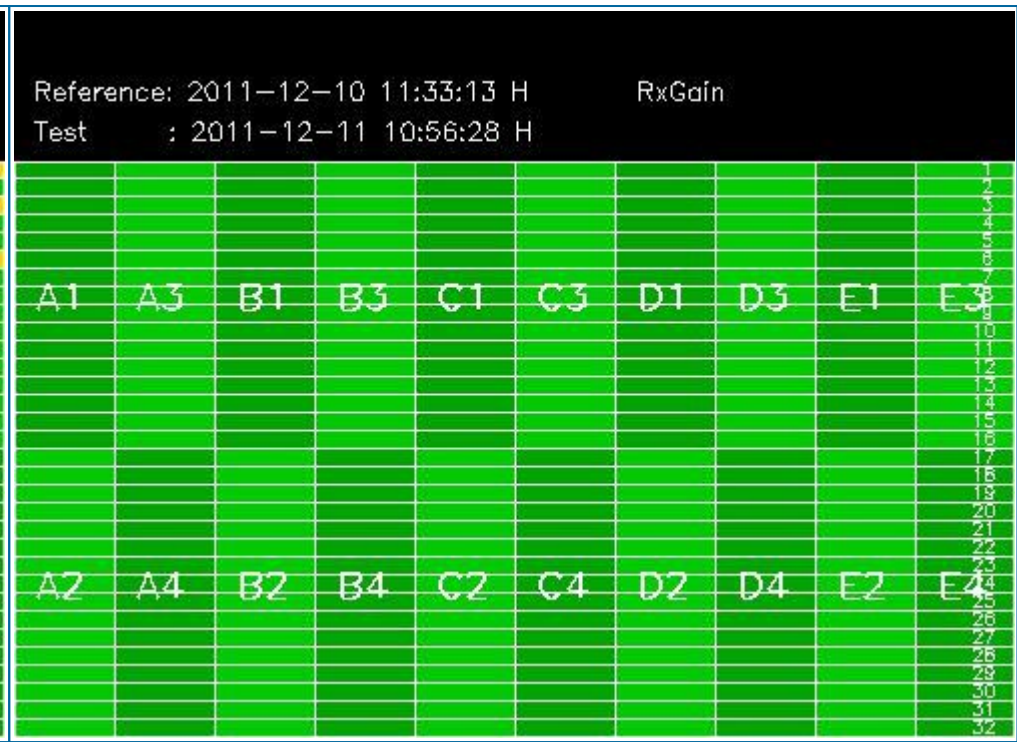
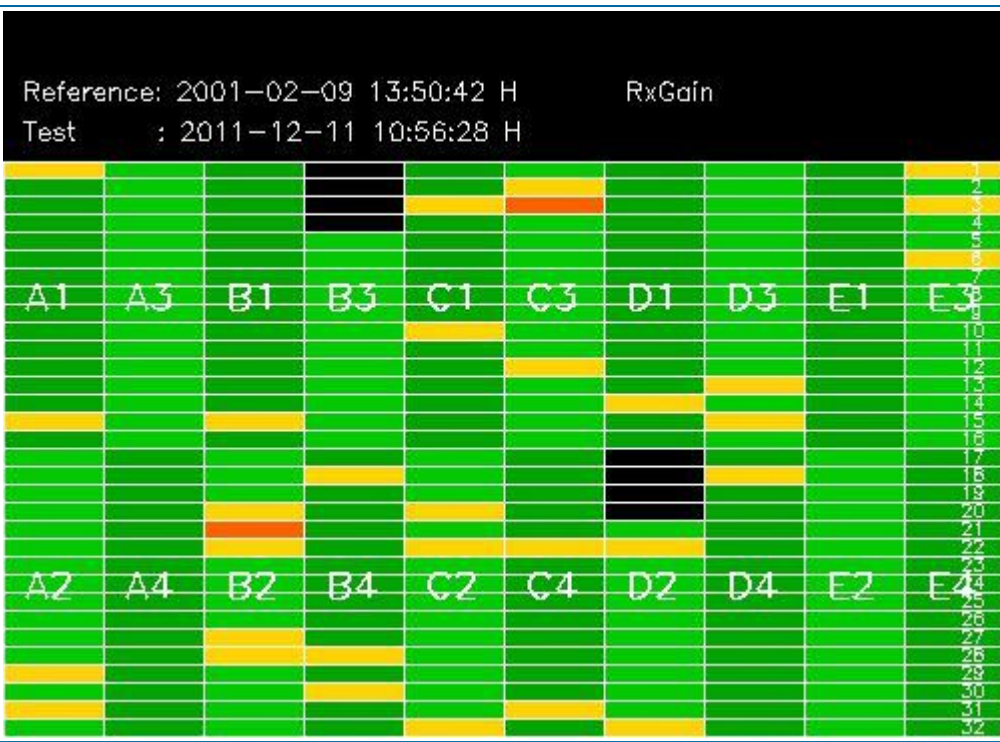


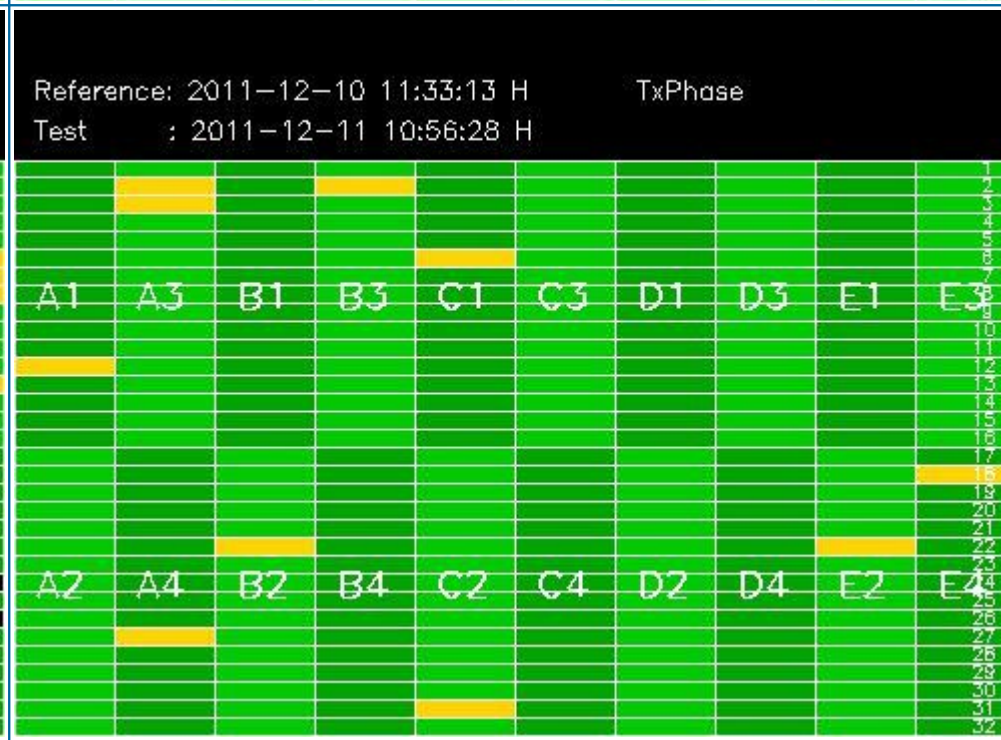
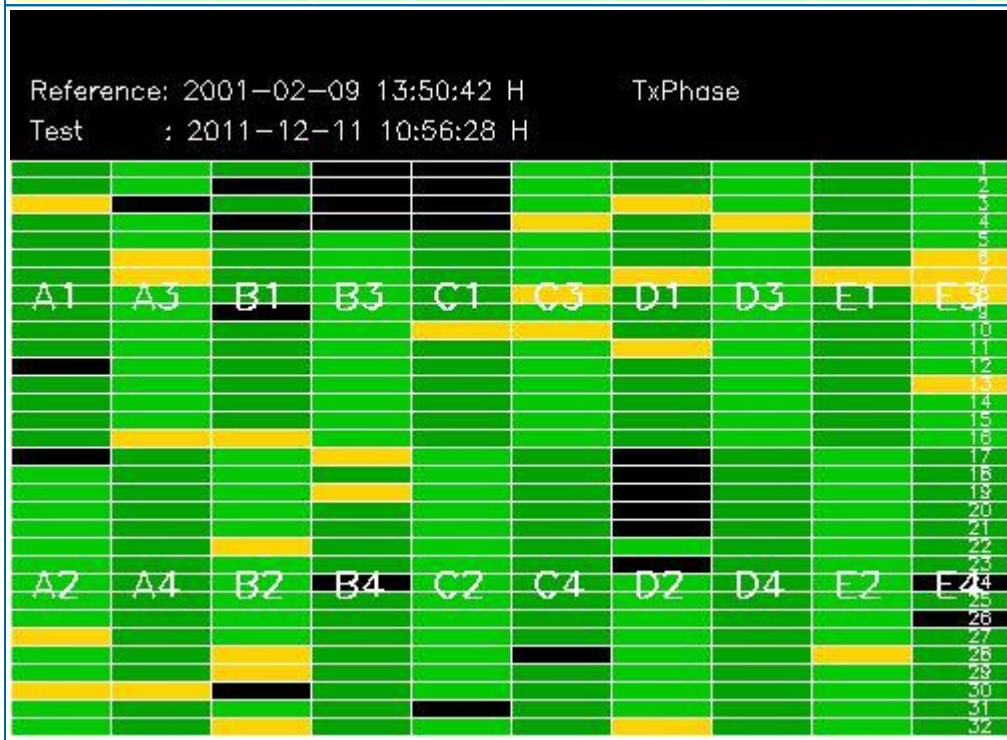
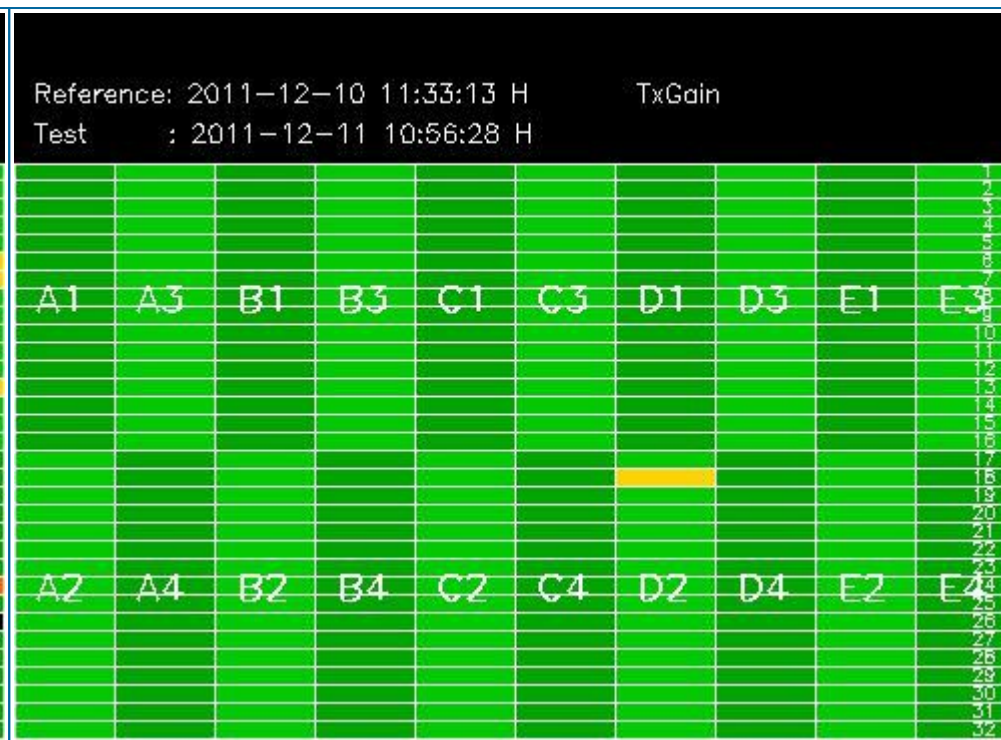
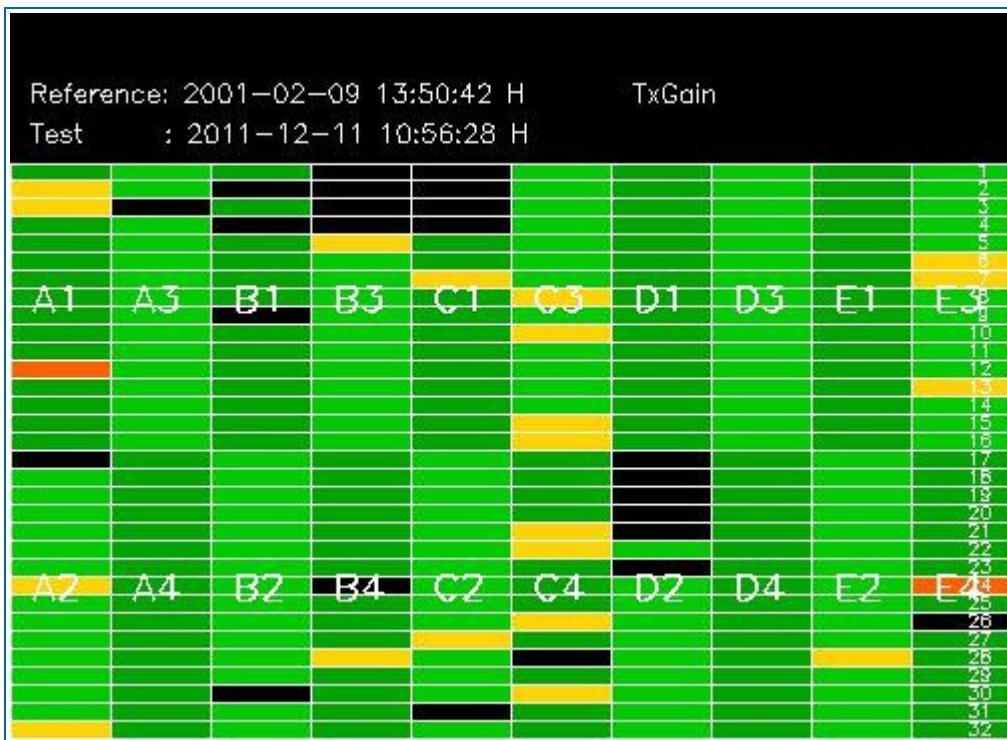


3.2 - H/H polarisation

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

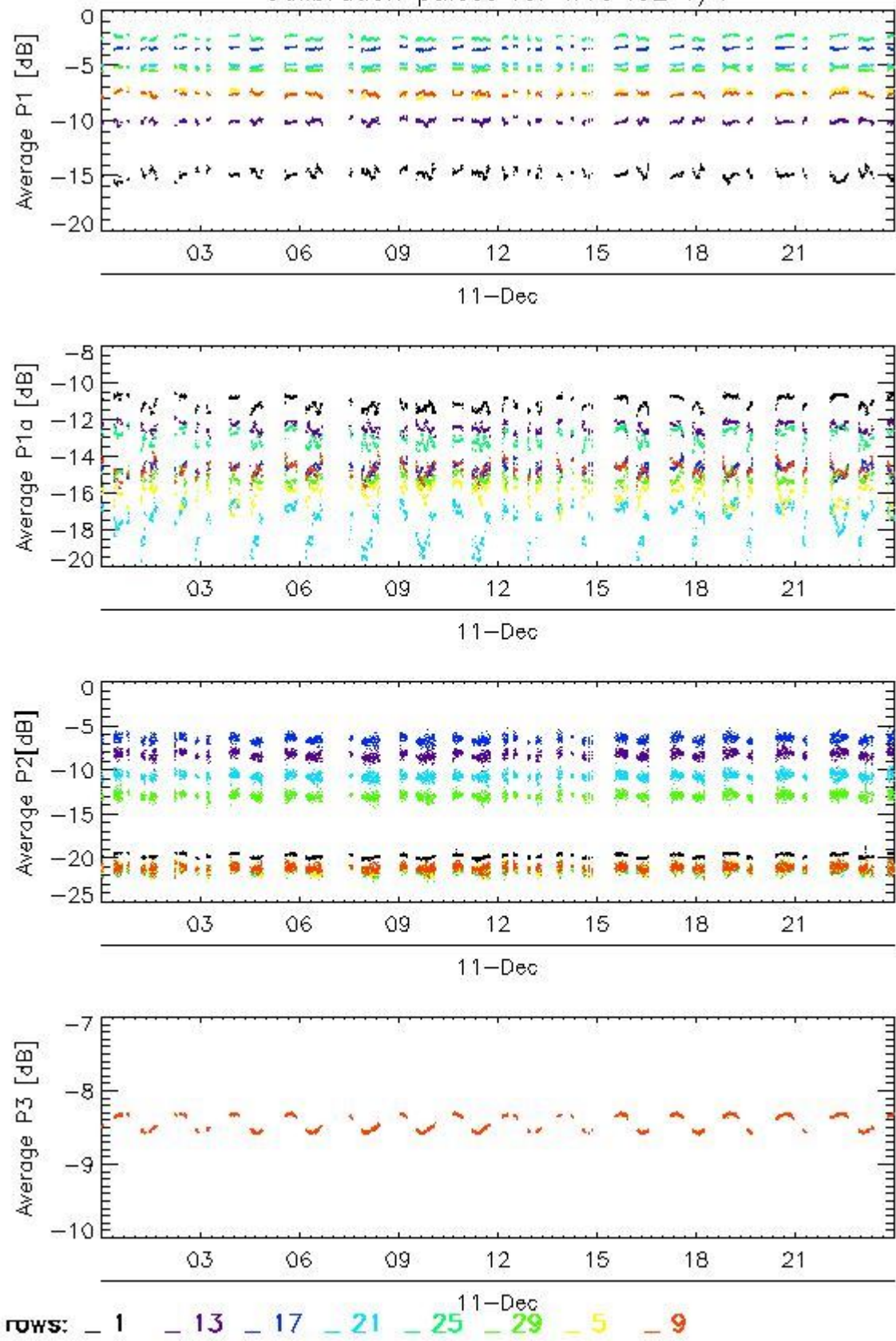
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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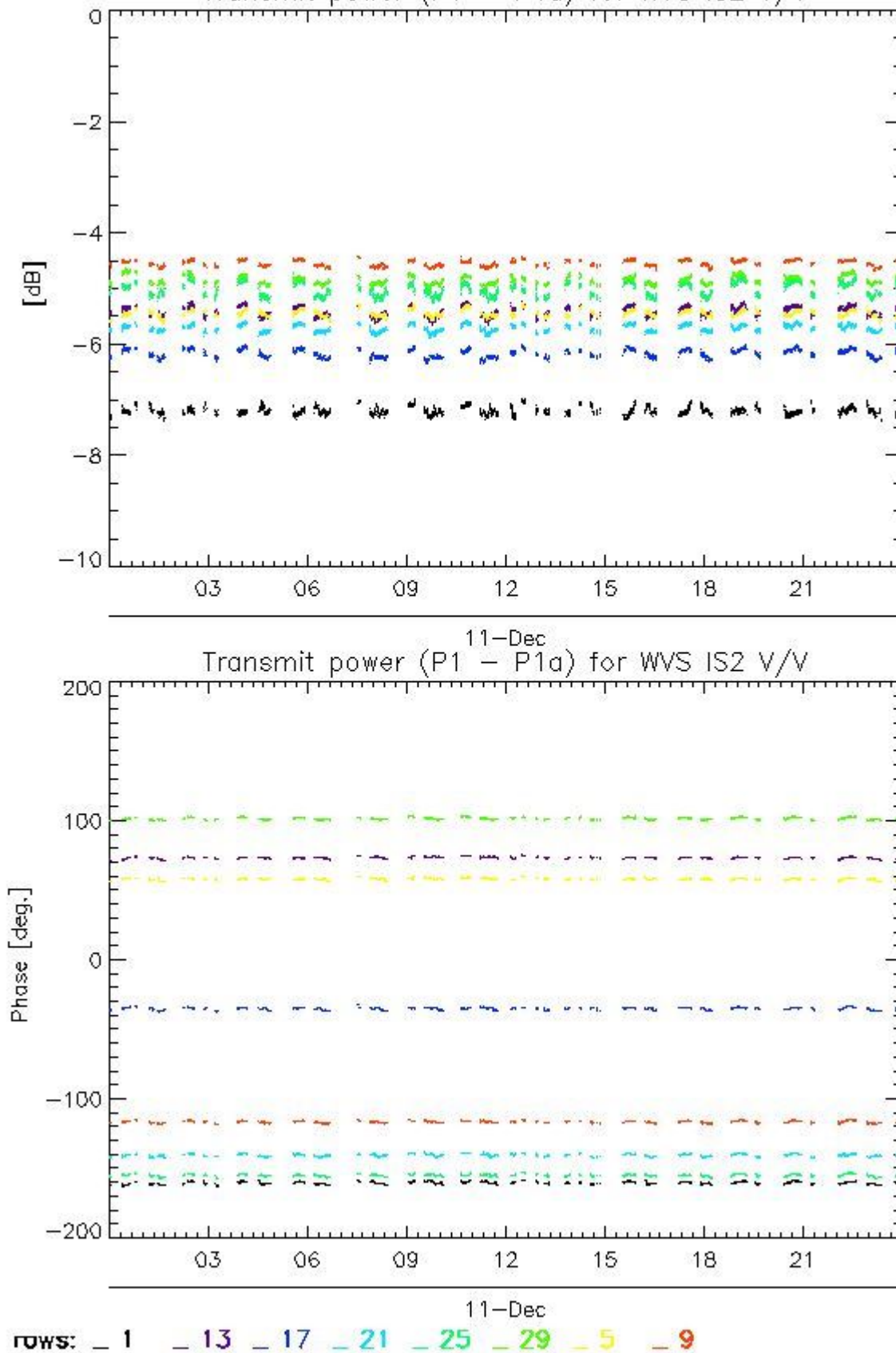
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



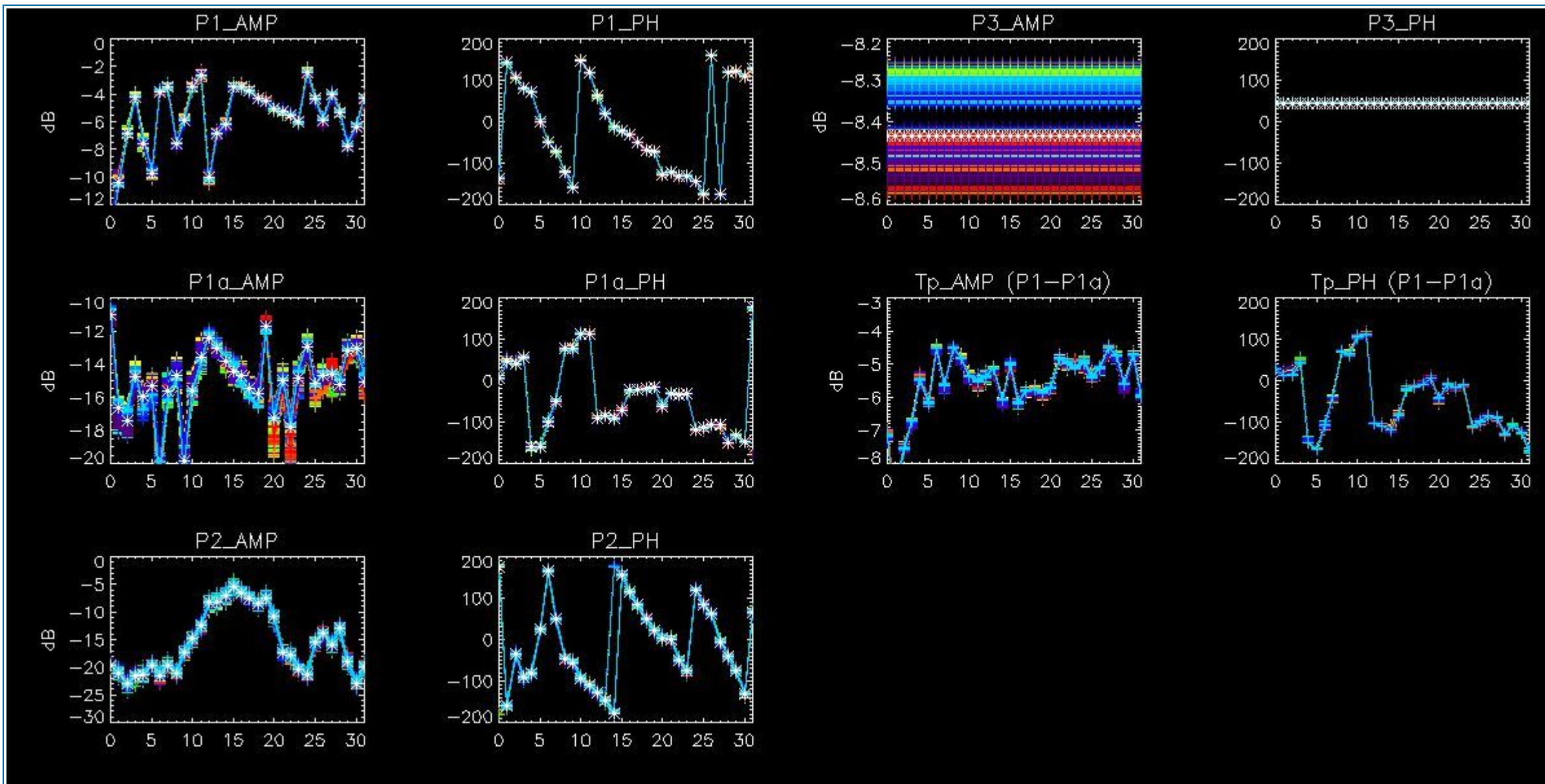
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

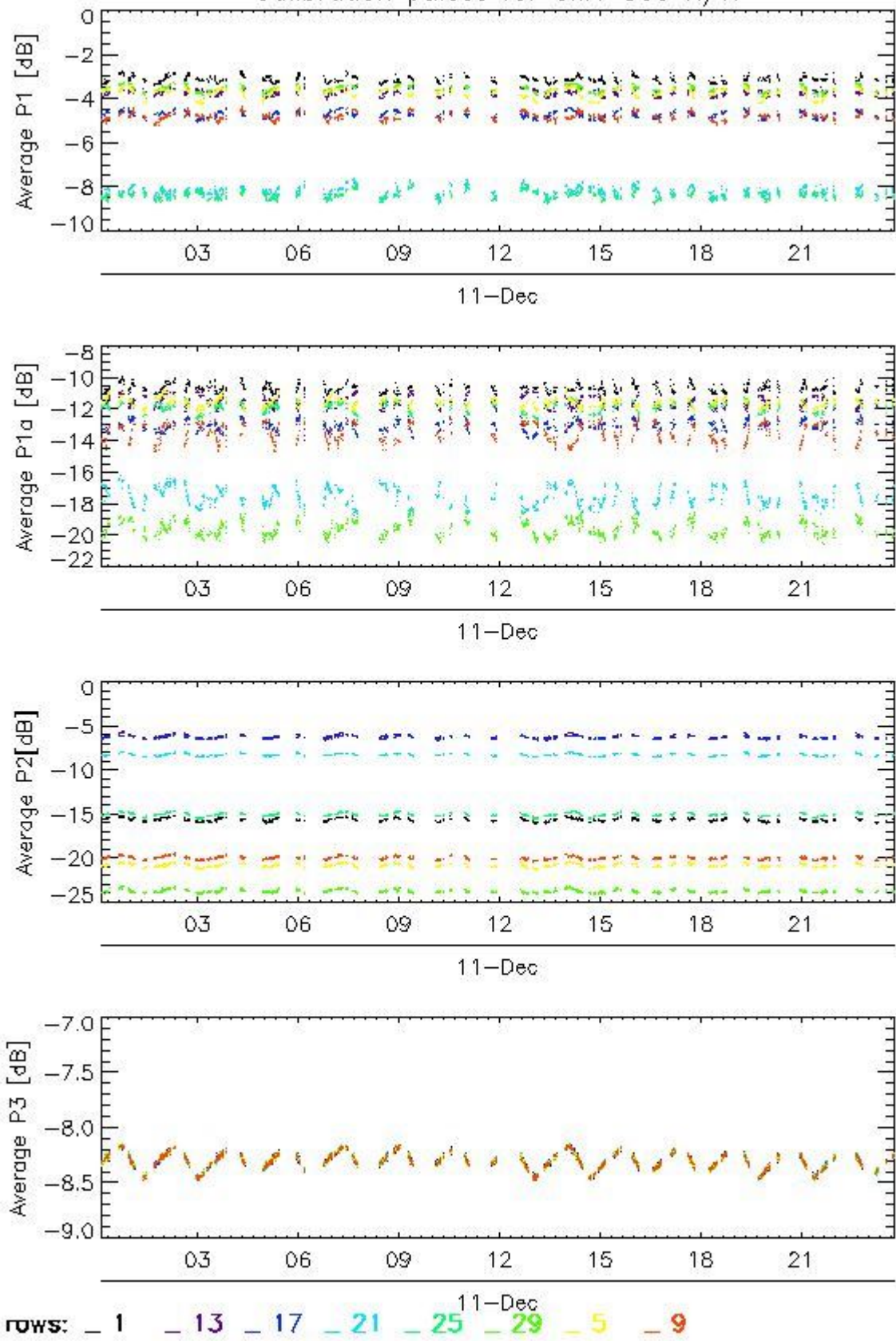
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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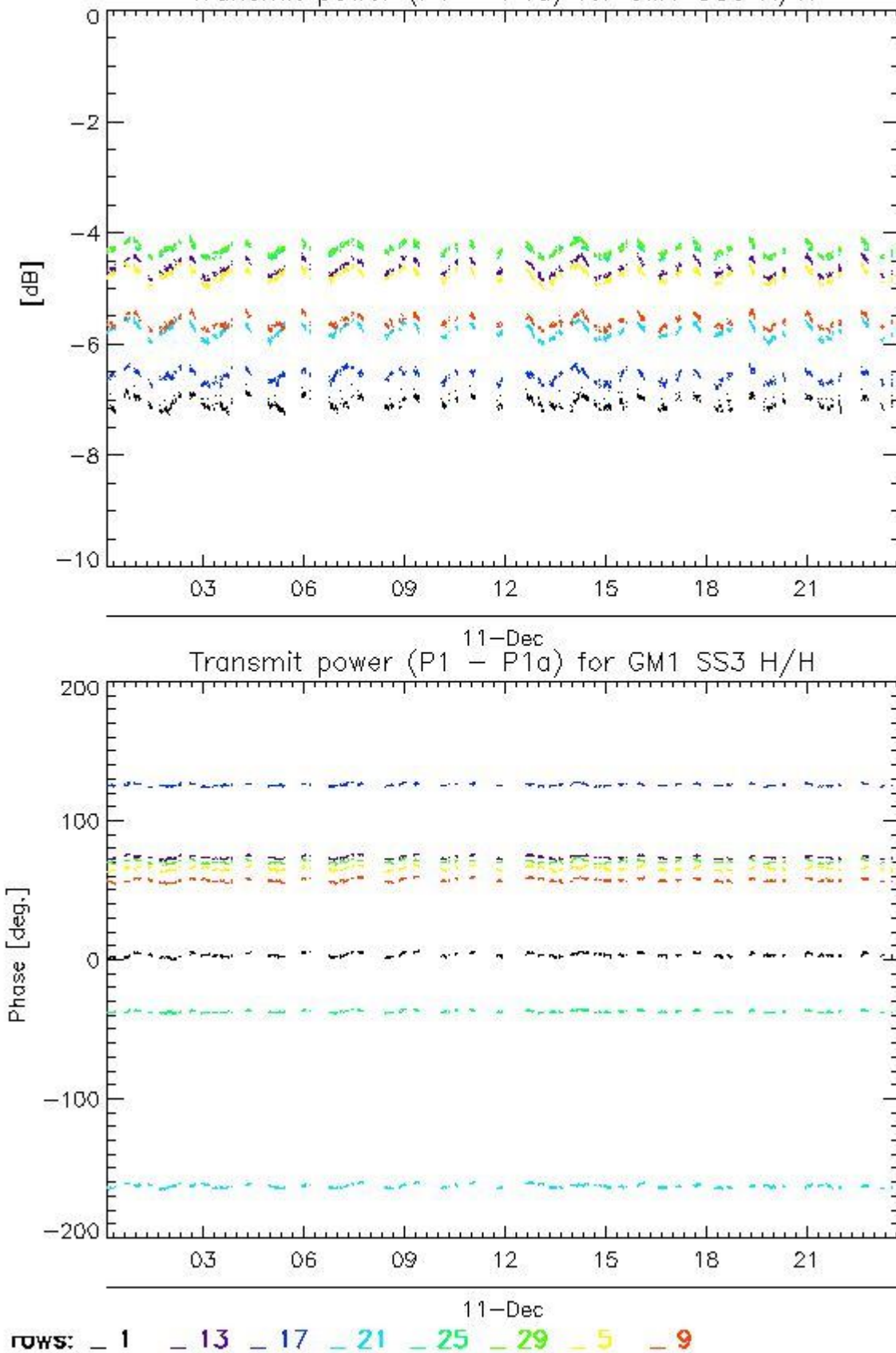
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



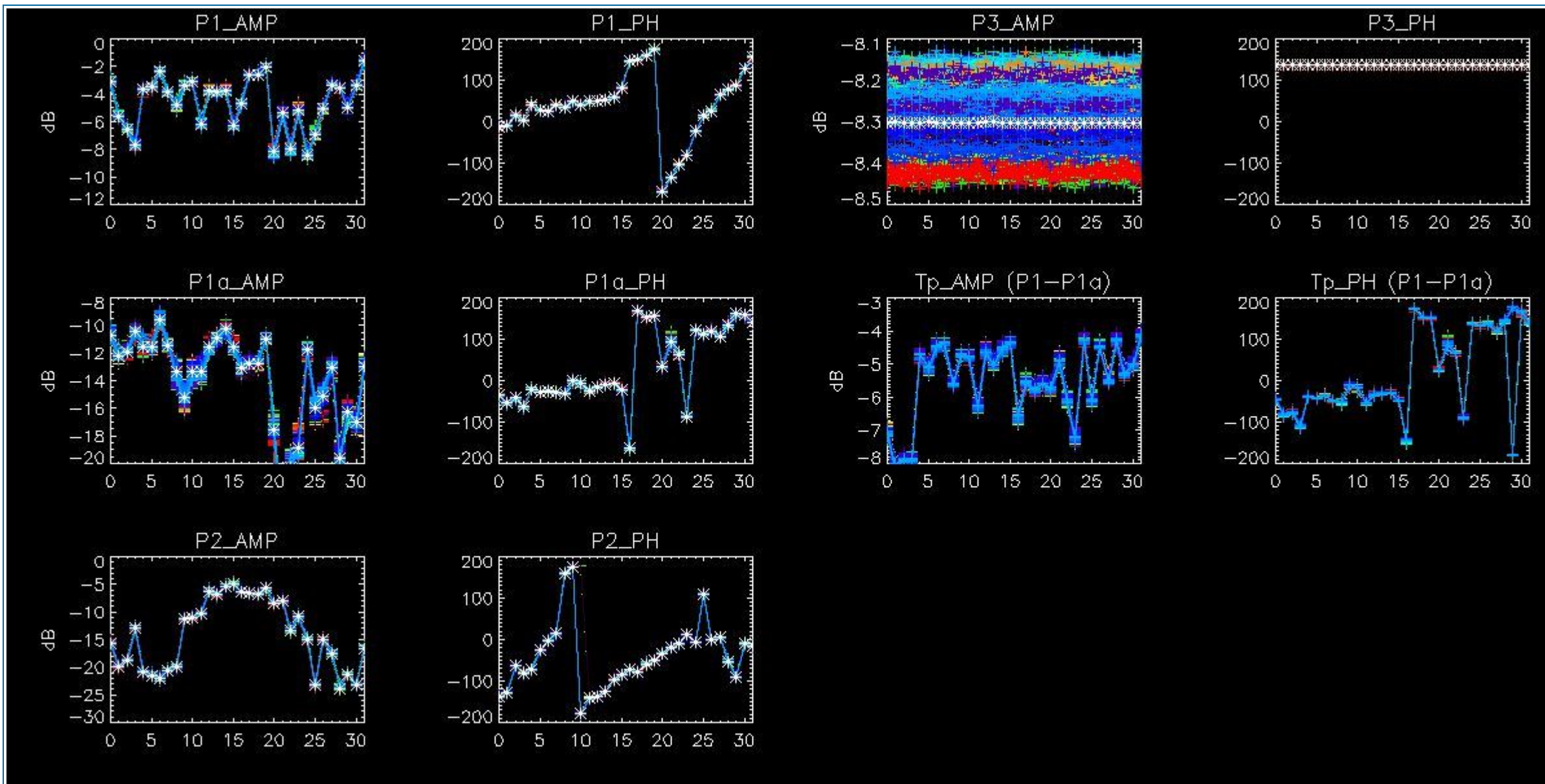
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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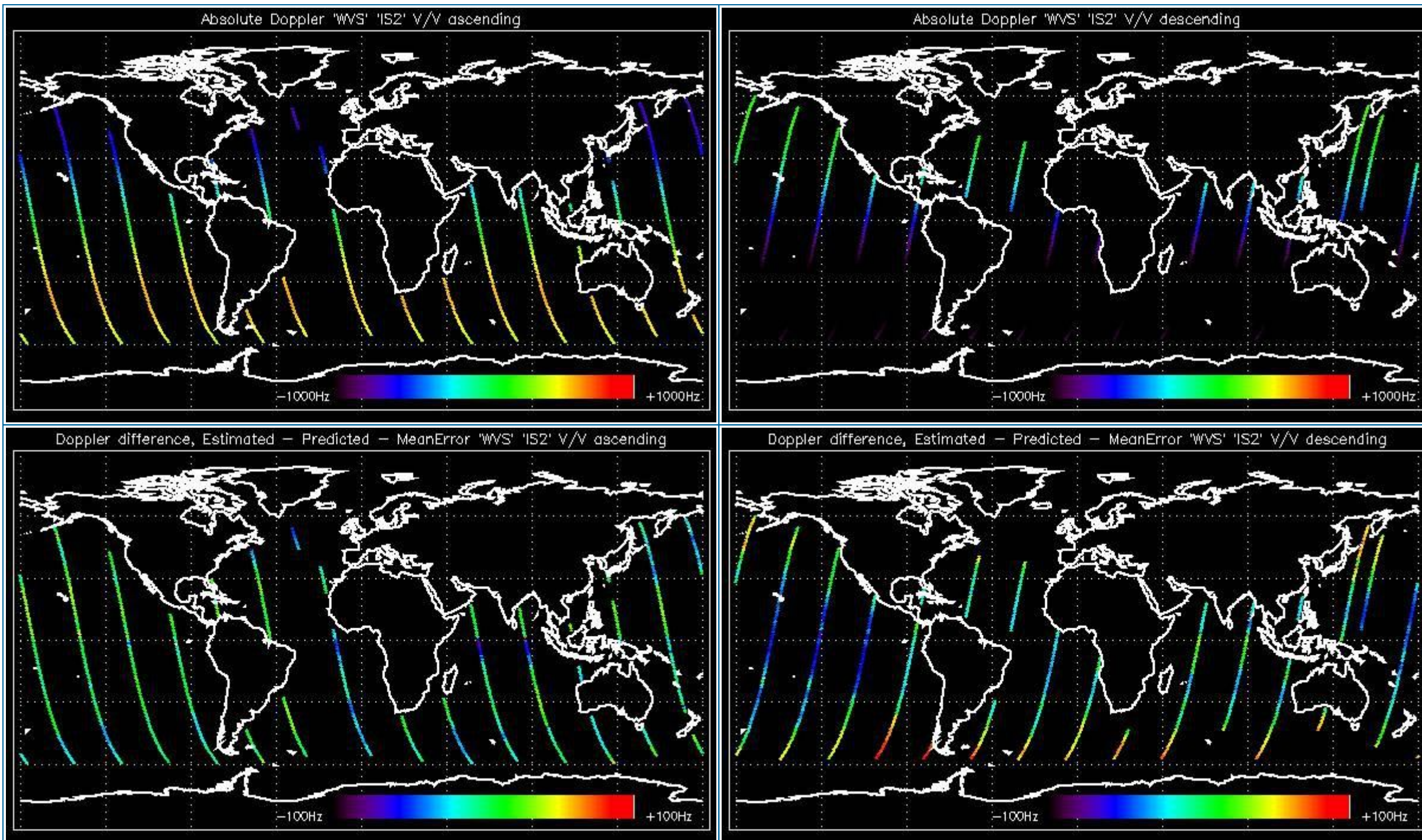
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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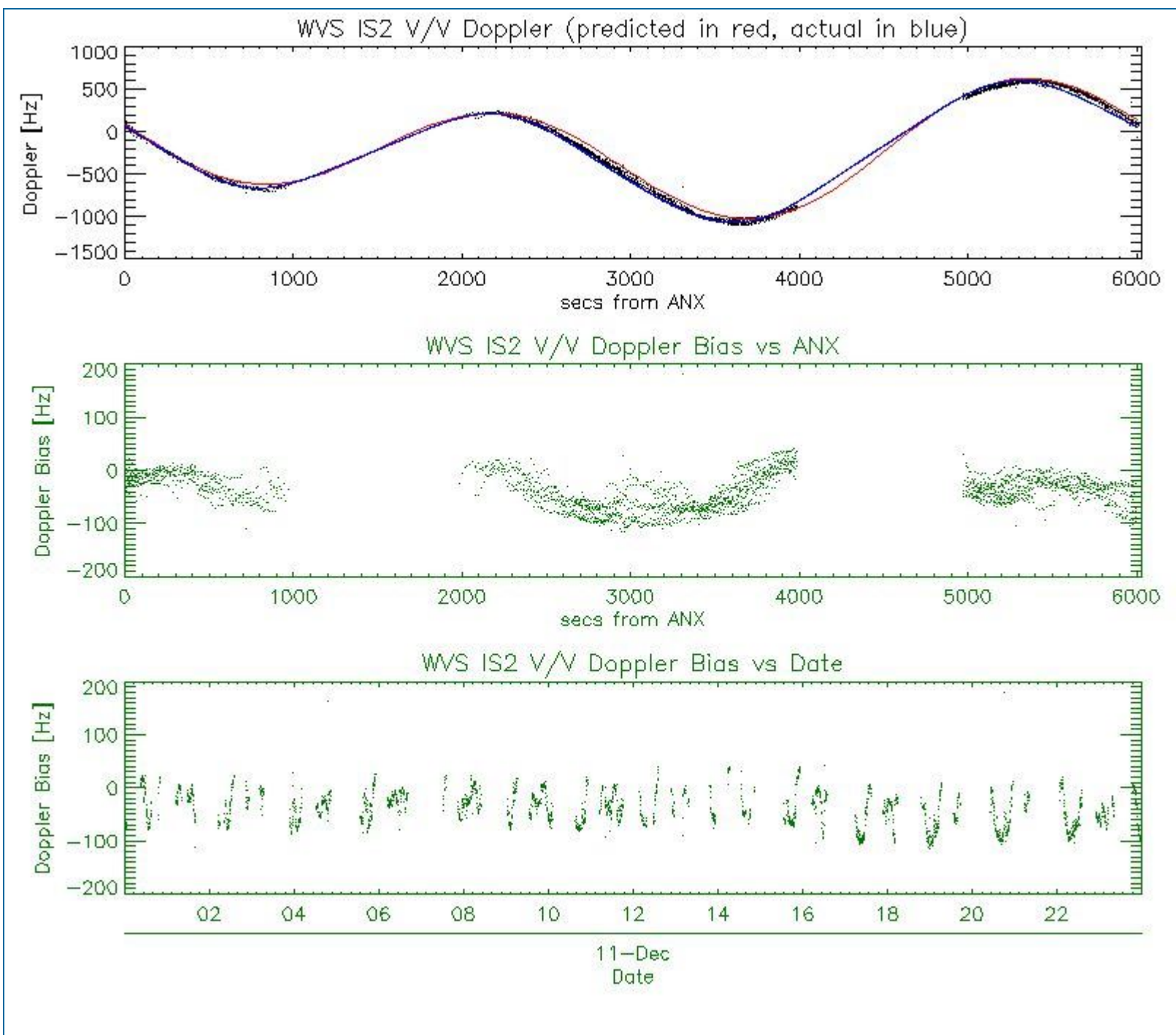




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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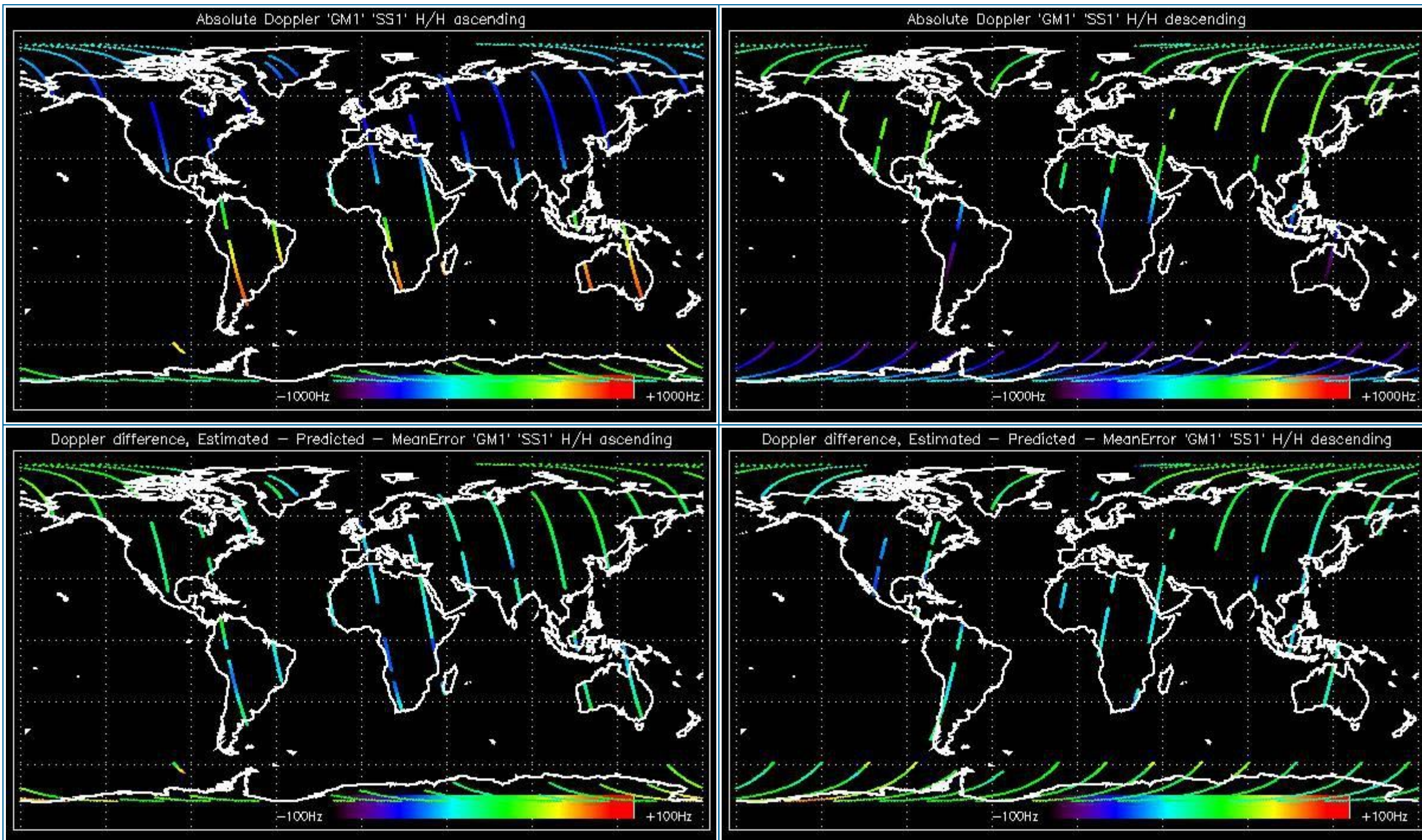


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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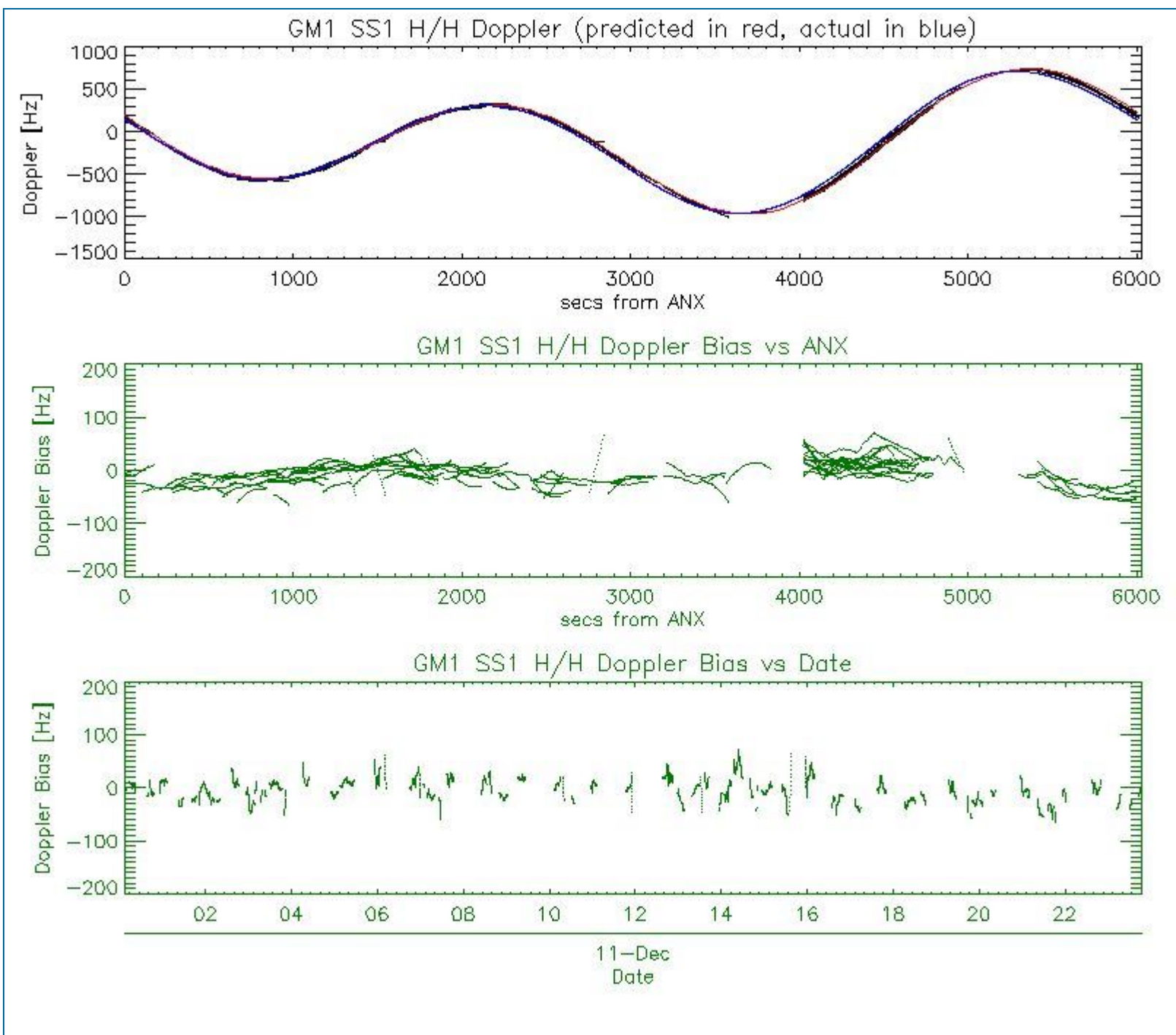




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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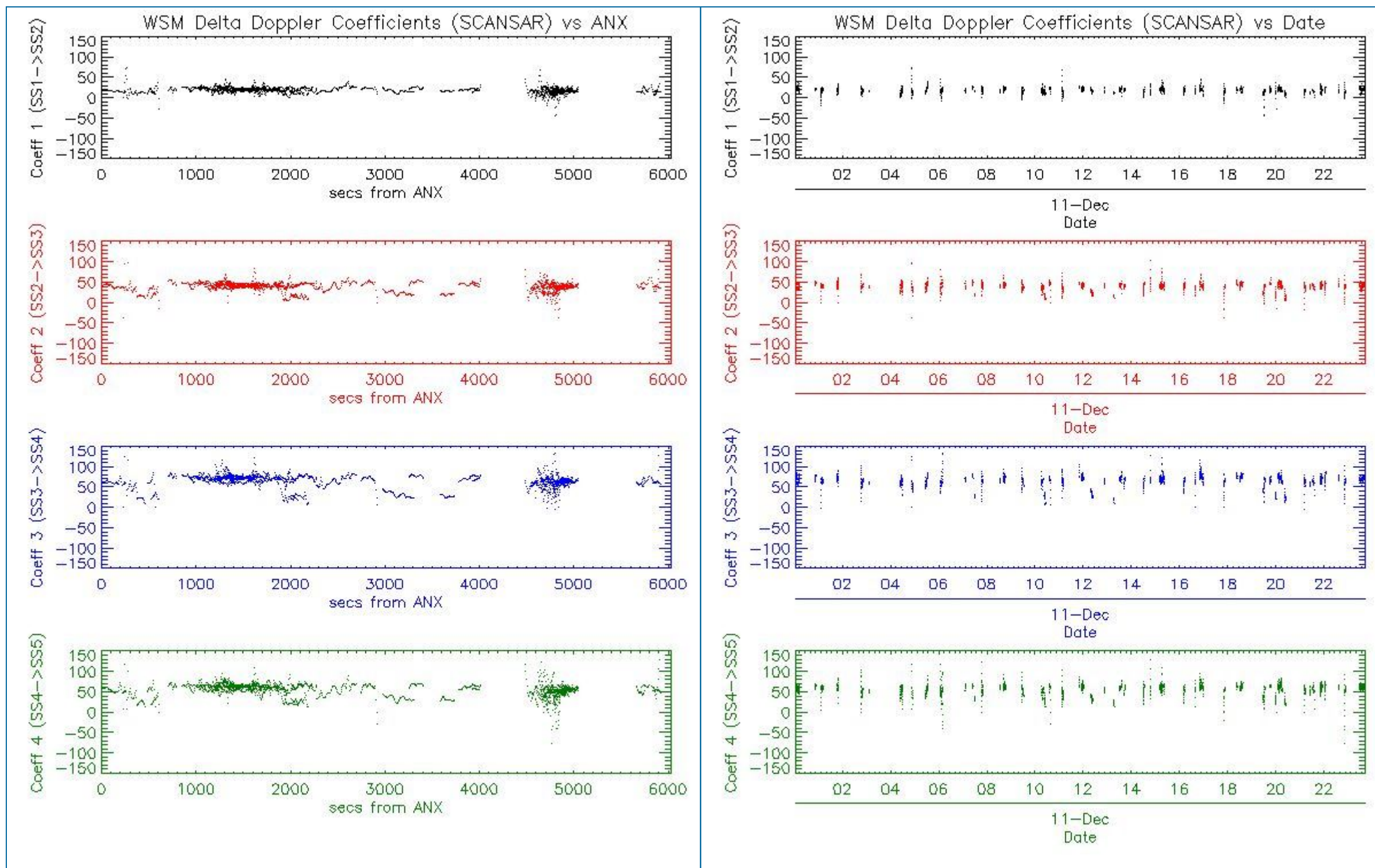




5.3 - Doppler JUMPS Analysis for WSM

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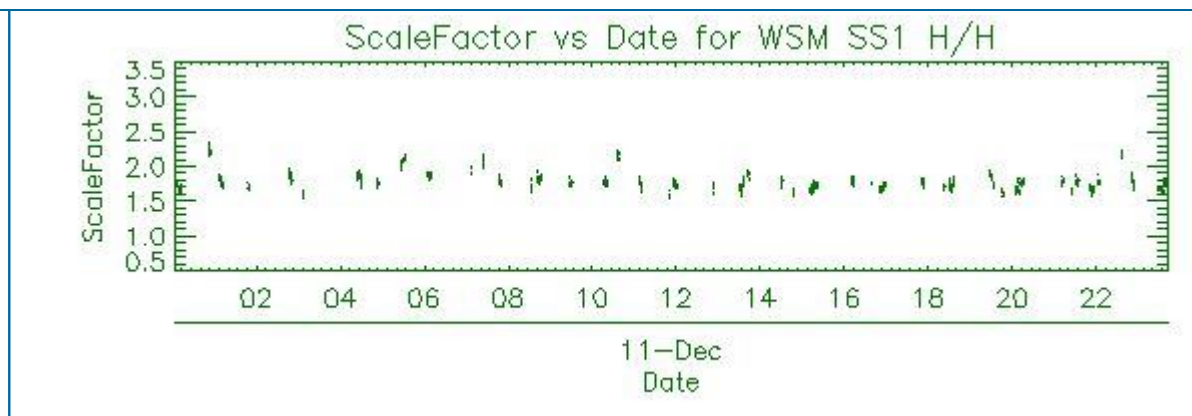
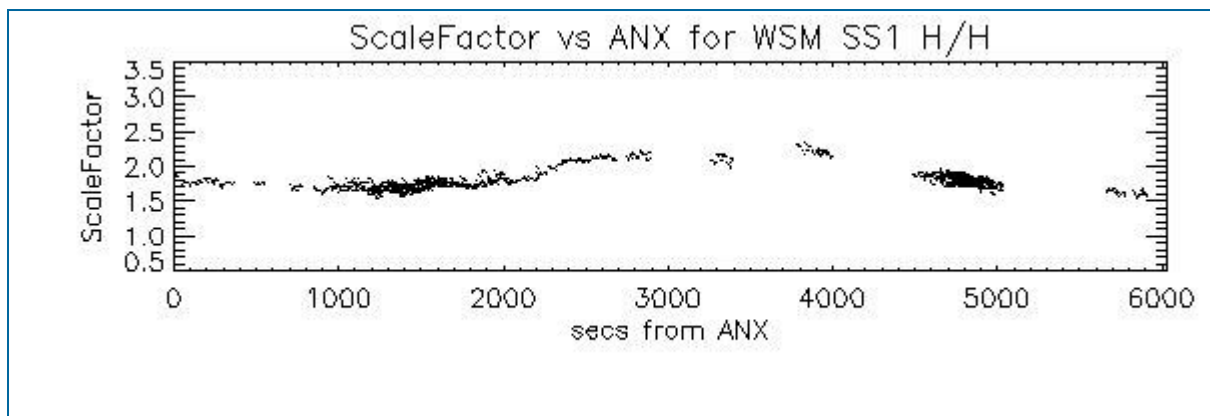
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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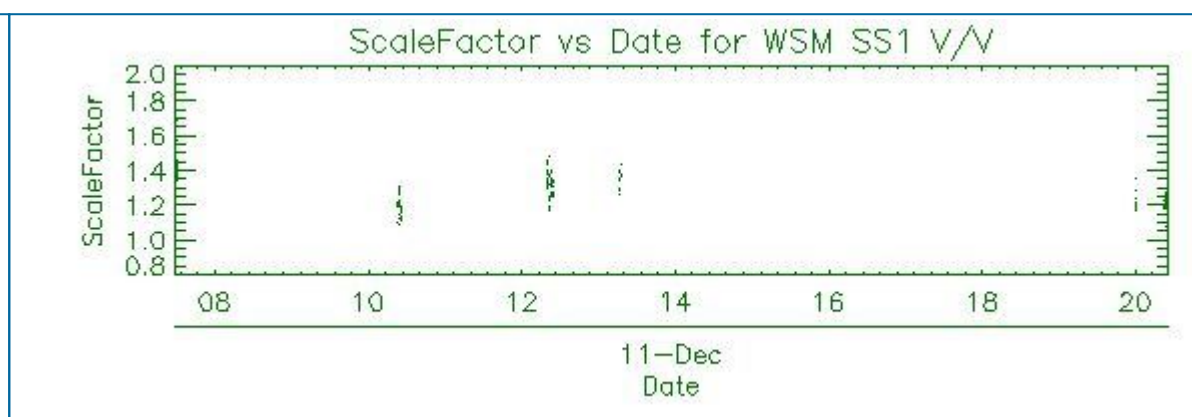
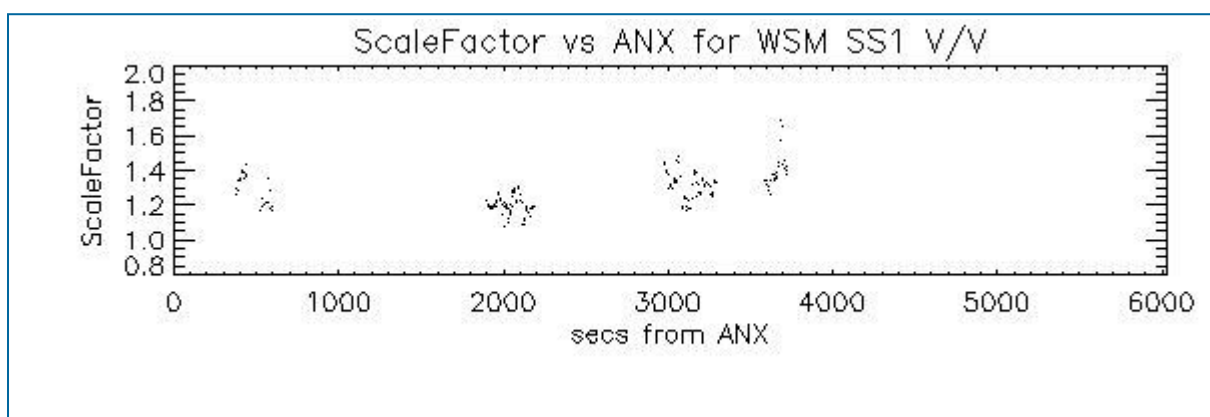




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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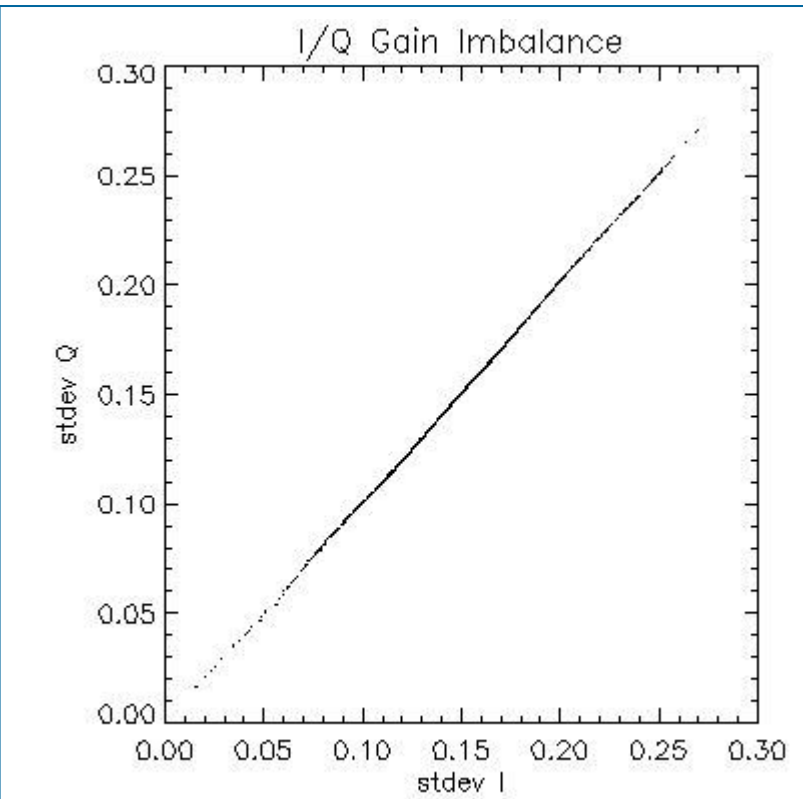
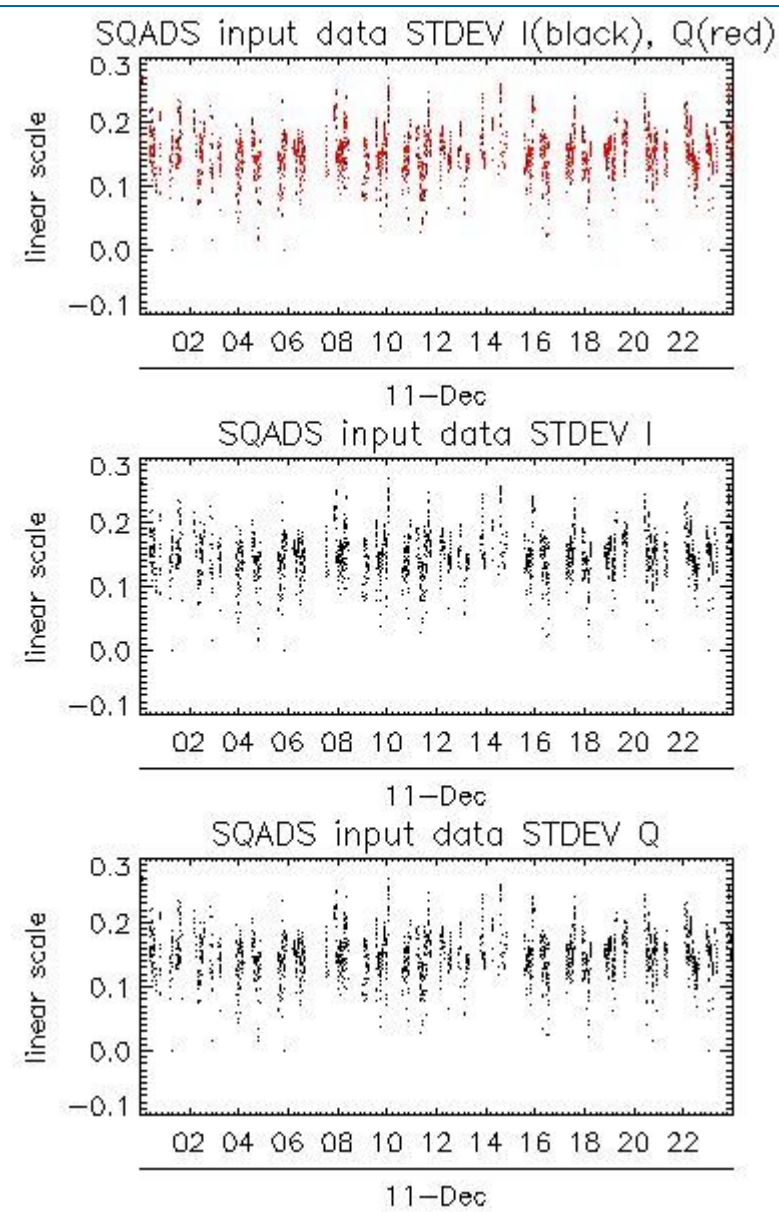
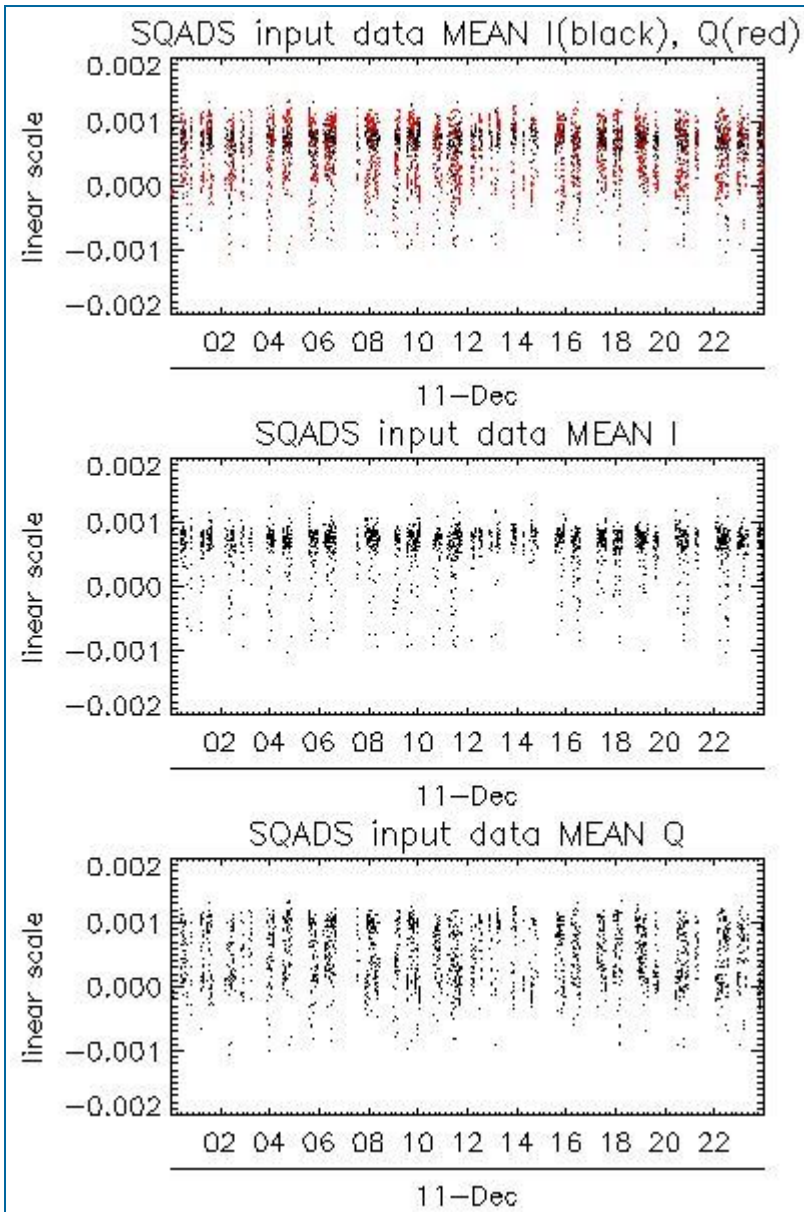


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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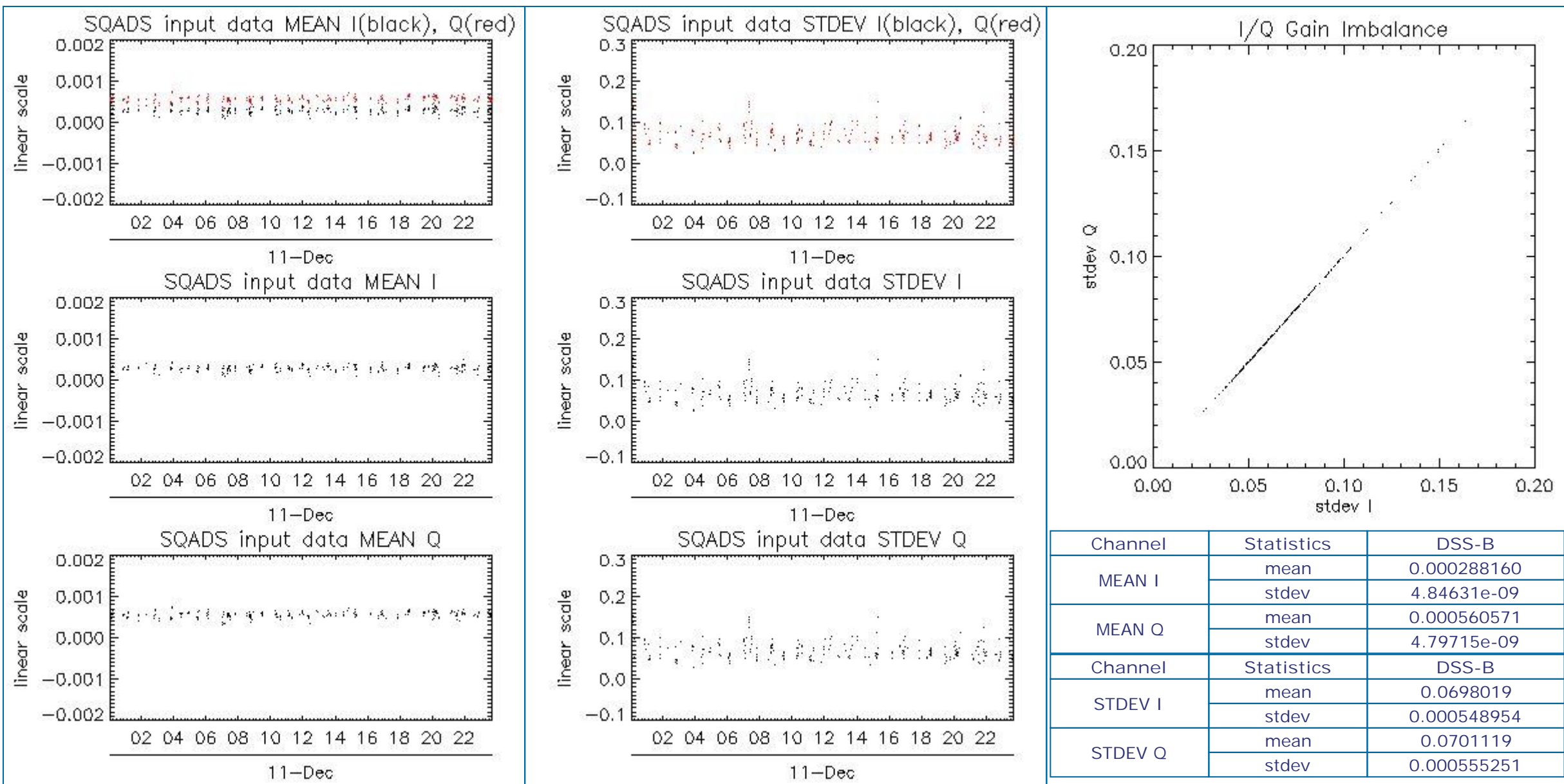


Channel	Statistics	DSS-B
MEAN I	mean	0.000629230
	stdev	1.24225e-07
MEAN Q	mean	0.000505738
	stdev	2.11544e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150255
	stdev	0.00132332
STDEV Q	mean	0.150823
	stdev	0.00134925

7.2 - Analysis for IMM

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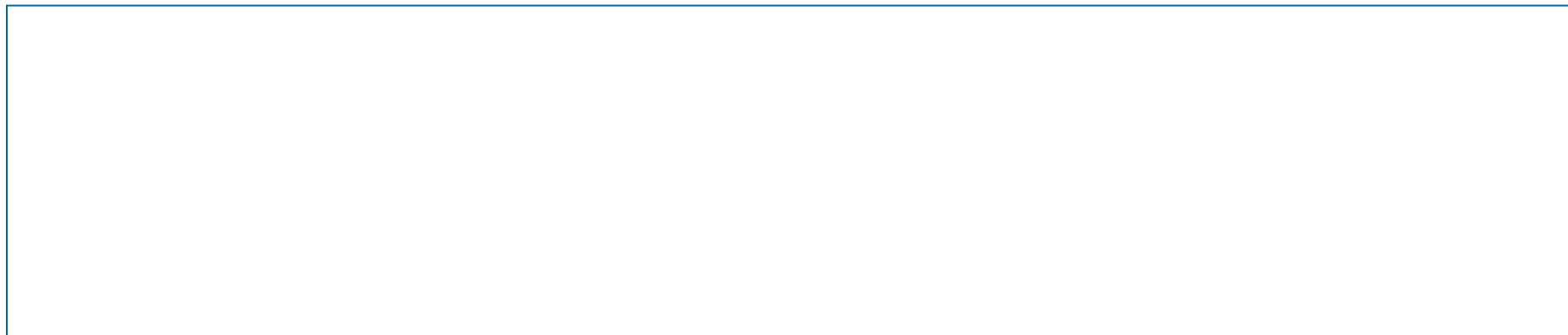


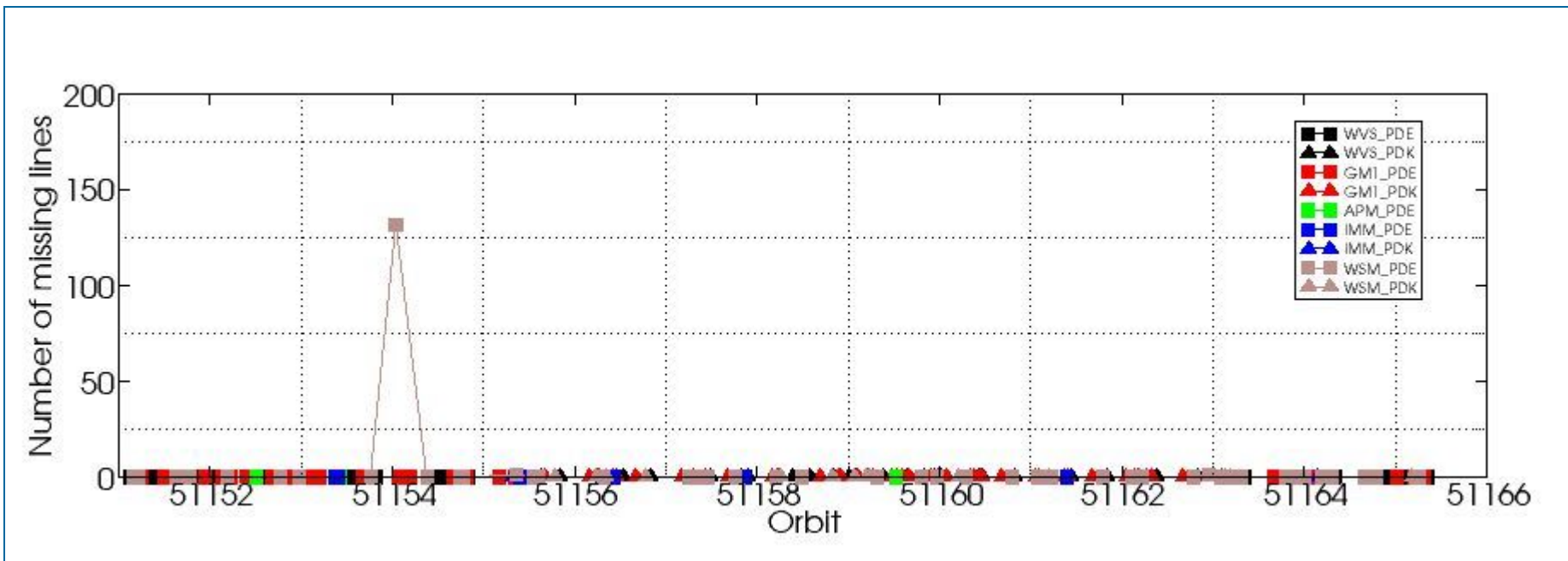
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20111211_035330_000007943109_00277_51153_8212.N1	1	0
PDE	ASA_WSM_1PNPDE20111211_045233_000001473109_00278_51154_8252.N1	0	132
PDE	ASA_WSM_1PNPDE20111211_070530_000000923109_00279_51155_8289.N1	0	1
PDE	ASA_WSM_1PNPDE20111211_194543_000000923109_00286_51162_8422.N1	0	1

8.1 - Number of Missing lines

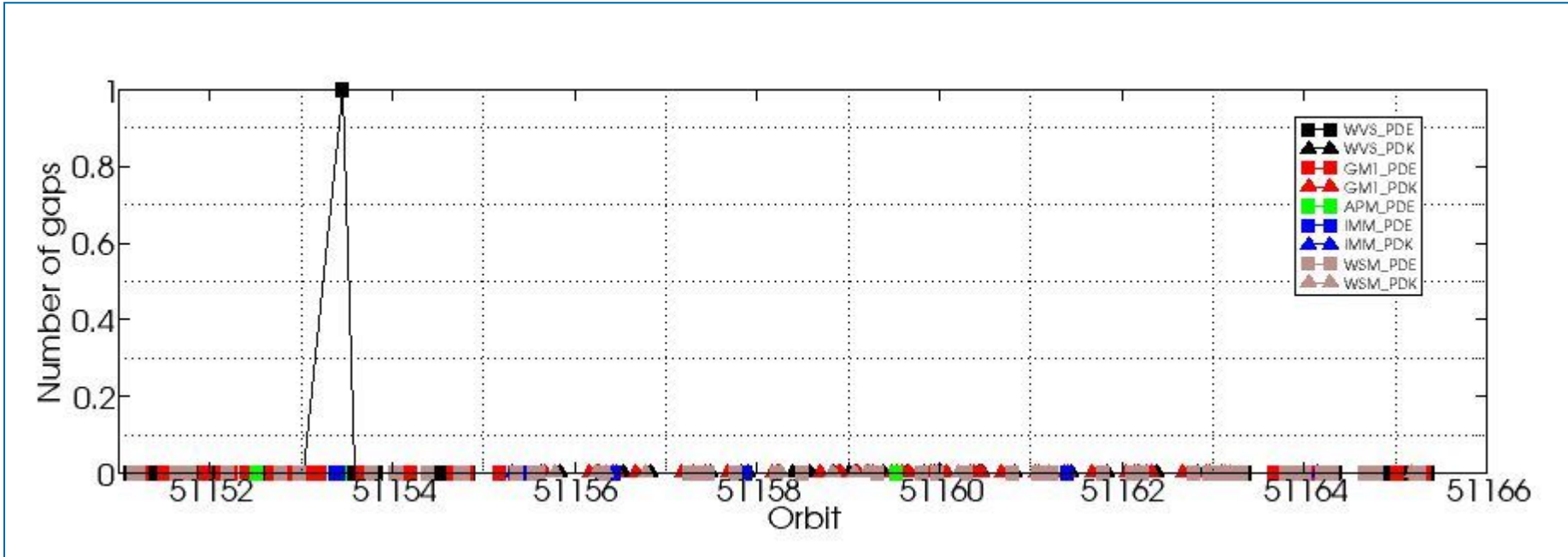
[BACK TO MENU]





8.2 - Number of Gaps

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ASAR DAILY REPORT for 111211
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2011-12-11 00:00:00

Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/

DATA SUMMARY

Summary will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_111211/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_111211/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/AUXILIARY

Creating directory ./RESULTS/DAILY/_111211/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20111211*current_3_IECF_ADFs.txt
 Found list 20111211_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20111211_002228_000009293109_00275_51151_8181.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_004723_000001803109_00275_51151_8183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8184.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8189.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_011553_000002543109_00275_51151_8206.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_012803_000007343109_00275_51151_8224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_021230_000001793109_00276_51152_8223.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_022105_000008103109_00276_51152_8222.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_025124_000002703109_00276_51152_8215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_031127_000002993109_00277_51153_8213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_035330_000007943109_00277_51153_8212.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_040630_000002553109_00277_51153_8258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_043127_000012293109_00277_51153_8261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_053344_000010193109_00278_51154_8263.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_055014_000002853109_00278_51154_8292.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_061150_000017243109_00278_51154_8301.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_202532_000018893109_00287_51163_8435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_211406_000003753109_00287_51163_8450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_220410_000018893109_00288_51164_8454.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_225511_000002693109_00288_51164_8460.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_225856_000008093109_00288_51164_8478.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_231728_000002093109_00289_51165_8477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111211_234705_000008543109_00289_51165_8475.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_073116_000002403109_00279_51155_3607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_075155_000019493109_00279_51155_3610.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_090137_000008403109_00280_51156_3628.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_093209_000020093109_00280_51156_3630.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_103804_000010643109_00281_51157_3663.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_111223_000002403109_00281_51157_3662.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_111940_000015443109_00281_51157_3667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_120906_000005543109_00282_51158_3686.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_122757_000004803109_00282_51158_3689.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_125346_000002553109_00282_51158_3691.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_130922_000003293109_00282_51158_3692.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_131733_000000743109_00283_51159_3695.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_134833_000004943109_00283_51159_3717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_141346_000001503109_00283_51159_3718.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_143251_000003903109_00283_51159_3719.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_144409_000001193109_00283_51159_3721.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_145111_000000443109_00284_51160_3724.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_153313_000001193109_00284_51160_3748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_153737_000011243109_00284_51160_3755.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_161315_000012593109_00284_51160_3759.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_171426_000013343109_00285_51161_3774.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_175343_000012743109_00285_51161_3778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_184815_000017243109_00286_51162_3807.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111211_193333_000005403109_00286_51162_3812.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20111211_000708_000001383109_00275_51151_8177.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_001308_000005553109_00275_51151_8180.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_003844_000001143109_00275_51151_8179.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_004132_000003503109_00275_51151_8182.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8187.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8190.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_012223_000003383109_00275_51151_8207.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_014106_000003623109_00276_51152_8208.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_015043_000009913109_00276_51152_8227.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_020836_000002053109_00276_51152_8226.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_021616_000002233109_00276_51152_8225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_023519_000006283109_00276_51152_8220.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_025637_000001323109_00276_51152_8221.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_025856_000003923109_00276_51152_8219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_030705_000002593109_00276_51152_8218.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_031708_000001323109_00277_51153_8217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_032213_000001143109_00277_51153_8216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_032922_000010333109_00277_51153_8214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_034953_000001203109_00277_51153_8211.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_041532_000005193109_00277_51153_8259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_045507_000005613109_00278_51154_8260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_050747_000011303109_00278_51154_8262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_055549_000004593109_00278_51154_8293.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_061006_000000963109_00278_51154_8295.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_064524_000008583109_00279_51155_8304.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_070401_000000783109_00279_51155_8302.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_070901_000006283109_00279_51155_8303.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_072548_000001753109_00279_51155_8306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_201724_000002953109_00287_51163_8429.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_205753_000007673109_00287_51163_8436.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_212106_000002413109_00287_51163_8446.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_212640_000002653109_00287_51163_8449.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_213546_000003263109_00288_51164_8448.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_214209_000001693109_00288_51164_8452.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_214545_000000963109_00288_51164_8451.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_215633_000003023109_00288_51164_8453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_223807_000006893109_00288_51164_8457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_231301_000002653109_00289_51165_8480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_233050_000001693109_00289_51165_8479.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20111211_234242_000002593109_00289_51165_8476.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_073601_000006223109_00279_51155_3609.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_082512_000004163109_00280_51156_3608.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_083427_000002113109_00280_51156_3611.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_083645_000001503109_00280_51156_3625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_085014_000001573109_00280_51156_3626.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_085456_000003983109_00280_51156_3627.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_091617_000005923109_00280_51156_3629.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_100624_000005553109_00281_51157_3636.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_101919_000000663109_00281_51157_3660.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_103151_000001993109_00281_51157_3661.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_105749_000004833109_00281_51157_3665.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_114602_000002173109_00282_51158_3664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_115113_000002473109_00282_51158_3666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_115411_000000783109_00282_51158_3687.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_123800_000008523109_00282_51158_3688.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_125847_000000843109_00282_51158_3690.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_130022_000005373109_00282_51158_3693.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_131930_000006283109_00283_51159_3694.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_GM1_1PNPDK20111211_133130_000000783109_00283_51159_3696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_133704_000003083109_00283_51159_3713.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_135735_000002233109_00283_51159_3714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_140307_000003683109_00283_51159_3715.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_140919_000002653109_00283_51159_3716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_141657_000007493109_00283_51159_3720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_144010_000002353109_00283_51159_3722.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_144826_000001633109_00283_51159_3723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_145647_000008043109_00284_51160_3725.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_152407_000001813109_00284_51160_3747.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_152809_000003023109_00284_51160_3749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_153600_00000903109_00284_51160_3750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_155711_000007493109_00284_51160_3756.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_163456_000002053109_00285_51161_3757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_163958_000006283109_00285_51161_3758.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_170644_000001573109_00285_51161_3772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_171035_000002293109_00285_51161_3773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_173725_000007673109_00285_51161_3776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_181540_000003983109_00286_51162_3777.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_182354_000002833109_00286_51162_3779.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_182720_000001753109_00286_51162_3803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_183809_000002053109_00286_51162_3802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_184312_000001633109_00286_51162_3806.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_191739_000006283109_00286_51162_3810.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_194312_00000963109_00286_51162_3809.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_194718_000007253109_00286_51162_3808.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111211_200107_000002233109_00287_51163_3811.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20111211_022002_000000573109_00276_51152_8205.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111211_035154_000000723109_00277_51153_8203.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111211_071950_000001633109_00279_51155_8291.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111211_140120_000000843109_00283_51159_8402.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20111211_034631_000001223109_00277_51153_8201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_034847_000000533109_00277_51153_8202.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_070800_000000503109_00279_51155_8290.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_083915_000000523109_00280_51156_8322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_084819_000000373109_00280_51156_8326.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_085249_000001183109_00280_51156_8328.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_111725_000001283109_00281_51157_8373.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111211_170923_000000583109_00285_51161_8414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111211_065938_000002513109_00279_51155_3596.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111211_214455_000000363109_00288_51164_3834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing WSM products...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_111211/AUXILIARY/Check_ADFs_WSM.txt...

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_111211/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_111211/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20111211_105628_000000163109_00281_51157_0921.N1
H
H
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/TGH_20111211_105628-20010209_135042.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/TPH_20111211_105628-20010209_135042.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/RGH_20111211_105628-20010209_135042.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/RPH_20111211_105628-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20111211_123642_000000163109_00282_51158_0922.N1
V
V
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/TGV_20111211_123642-20010209_140823.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/TPV_20111211_123642-20010209_140823.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/RGV_20111211_123642-20010209_140823.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/SECOND_REFERENCE/RPV_20111211_123642-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20111210_113313_000000163109_00267_51143_0919.N1
Test product: ASA_MS__0PNPDK20111211_105628_000000163109_00281_51157_0921.N1
H
H
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20111211_105628-20111210_113313.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20111211_105628-20111210_113313.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20111211_105628-20111210_113313.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20111211_105628-20111210_113313.png

Polarization: V
Reference product: ASA_MS__0PNPDK20111210_131326_000000163109_00268_51144_0920.N1
Test product: ASA_MS__0PNPDK20111211_123642_000000163109_00282_51158_0922.N1
V
V
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20111211_123642-20111210_131326.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20111211_123642-20111210_131326.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20111211_123642-20111210_131326.png
../../RESULTS/DAILY/_111211/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20111211_123642-20111210_131326.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/_111211/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing products WVS IS2 V/V
1 74625 7 74625
Writing image ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
1 42401 7 42401
Writing image ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-11_1.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-11_2.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-11_3.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-11_4.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-11_1.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-11_2.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-11_3.dat...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...



Getting calibration pulses data for GM1 SS3 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/_111211/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-11_4.dat...
 Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/_111211//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/_111211/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
 Writing file ./RESULTS/DAILY/_111211/DOPPLER/Doppler_data_WVS_IS2_VV_2011-12-11.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_111211/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
 Writing file ./RESULTS/DAILY/_111211/DOPPLER/Doppler_data_GM1_SS1_HH_2011-12-11.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_111211/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
 Writing file ./RESULTS/DAILY/_111211/DOPPLER/Doppler_Jumps_data_WSM_2011-12-11.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_111211/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/_111211/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing products WVS IS2 V/V

1164
 Loading predicted doppler values....
 ./PREDICTED_DOPPLER/doppler.WV_2

- 87.7758
- 10.5846
- 66.5771
- 142.520
- 216.086
- 286.172
- 351.735
- 411.816
- 465.557
- 512.209
- 551.146
- 581.874

-604.040
-617.434
-621.993
-617.804
-605.099
-584.252
-555.770
-520.289
-478.560
-431.434
-379.856
-324.838
-267.455
-208.814
-150.050
-92.2908
-36.6568
15.7690
63.9616
106.958
143.888
173.973
196.555
211.098
217.196
214.587
203.150
182.918
154.068
116.919
71.9387
19.7218
-39.0043
-103.408
-172.552
-245.410
-320.887
-397.839
-475.084
-551.423
-625.659
-696.616
-763.167
-824.227
-878.795
-925.960
-964.912
-994.961
-1015.54
-1026.24
-1026.75
-1016.96
-996.863
-966.640
-926.597
-877.190
-819.014
-752.784
-679.341
-599.625
-514.669
-425.588
-333.549
-239.763
-145.472
-51.9192
39.6591
128.055

212.107
290.720
362.878
427.653
484.231
531.914
570.135
598.464
616.615
624.452
621.987
609.384
586.949
555.141
514.541
465.868
409.943
347.705
280.167
208.420
133.607
87.7758

Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -46.693282 Hz
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1170
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
87.7758
10.5846
-66.5771
-142.520
-216.086
-286.172
-351.735
-411.816
-465.557
-512.209
-551.146
-581.874
-604.040
-617.434
-621.993
-617.804
-605.099
-584.252
-555.770
-520.289
-478.560
-431.434
-379.856
-324.838
-267.455
-208.814
-150.050
-92.2908
-36.6568
15.7690
63.9616
106.958
143.888
173.973

196.555
211.098
217.196
214.587
203.150
182.918
154.068
116.919
71.9387
19.7218
-39.0043
-103.408
-172.552
-245.410
-320.887
-397.839
-475.084
-551.423
-625.659
-696.616
-763.167
-824.227
-878.795
-925.960
-964.912
-994.961
-1015.54
-1026.24
-1026.75
-1016.96
-996.863
-966.640
-926.597
-877.190
-819.014
-752.784
-679.341
-599.625
-514.669
-425.588
-333.549
-239.763
-145.472
-51.9192
39.6591
128.055
212.107
290.720
362.878
427.653
484.231
531.914
570.135
598.464
616.615
624.452
621.987
609.384
586.949
555.141
514.541
465.868
409.943
347.705
280.167
208.420
133.607
87.7758

Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.144056 Hz
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2874
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1

- 184.992
- 105.344
- 25.7108
- 52.6784
- 128.628
- 200.994
- 268.701
- 330.755
- 386.270
- 434.471
- 474.711
- 506.478
- 529.407
- 543.281
- 548.035
- 543.757
- 530.687
- 509.209
- 479.846
- 443.254
- 400.207
- 351.580
- 298.350
- 241.557
- 182.312
- 121.754
- 61.0538
- 1.37585
- 56.1256
- 110.332
- 160.186
- 204.692
- 242.951
- 274.157
- 297.628
- 312.808
- 319.274
- 316.753
- 305.115
- 284.389
- 254.756
- 216.541
- 170.222
- 116.410
- 55.8538
- 10.5896
- 81.9546
- 157.182
- 235.141
- 314.650
- 394.487
- 473.412
- 550.189

-623.599
-692.478
-755.702
-812.234
-861.133
-901.560
-932.801
-954.273
-965.533
-966.290
-956.401
-935.881
-904.900
-863.776
-812.982
-753.127
-684.950
-609.318
-527.197
-439.654
-347.835
-252.944
-156.229
-58.9700
37.5528
132.063
223.317
310.115
391.326
465.902
532.883
591.427
640.811
680.447
709.887
728.832
737.138
734.812
722.019
699.073
666.441
624.722
574.653
517.082
452.975
383.378
309.414
232.267
184.992

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = 1.4935820 Hz

Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...

Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

2495

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.GM_1

184.992
105.344
25.7108
-52.6784
-128.628
-200.994
-268.701

-330.755
-386.270
-434.471
-474.711
-506.478
-529.407
-543.281
-548.035
-543.757
-530.687
-509.209
-479.846
-443.254
-400.207
-351.580
-298.350
-241.557
-182.312
-121.754
-61.0538
-1.37585
56.1256
110.332
160.186
204.692
242.951
274.157
297.628
312.808
319.274
316.753
305.115
284.389
254.756
216.541
170.222
116.410
55.8538
-10.5896
-81.9546
-157.182
-235.141
-314.650
-394.487
-473.412
-550.189
-623.599
-692.478
-755.702
-812.234
-861.133
-901.560
-932.801
-954.273
-965.533
-966.290
-956.401
-935.881
-904.900
-863.776
-812.982
-753.127
-684.950
-609.318
-527.197
-439.654
-347.835
-252.944

-156.229
-58.9700
37.5528
132.063
223.317
310.115
391.326
465.902
532.883
591.427
640.811
680.447
709.887
728.832
737.138
734.812
722.019
699.073
666.441
624.722
574.653
517.082
452.975
383.378
309.414
232.267
184.992

Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -10.533616 Hz
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_111211//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_111211/CHIRP...

CHIRP Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-12-11.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111211/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_111211/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-12-11.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111211/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...

Writing file ../../RESULTS/DAILY/_111211/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/RAW_DATA

Creating directory ./RESULTS/DAILY/_111211/RAW_DATA...

Getting raw data for WVS from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/RAW_DATA/Raw_data_WVS_2011-12-11.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2011-12-11 00:00:00 to 2011-12-11 23:59:59...
Writing file ./RESULTS/DAILY/_111211/RAW_DATA/Raw_data_IMM_2011-12-11.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111211/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-12-11 00:00:00 to 2011-12-11 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111211/TELEMETRY

Creating directory ./RESULTS/DAILY/_111211/TELEMETRY...

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

Checking 25 products from PDE...
Found product...ASA_WVS_1PNPDE20111211_035330_000007943109_00277_51153_8212.N1 / 1 gaps / 0 missing lines
Checking 24 products from PDK...

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

Checking 41 products from PDE...
Checking 45 products from PDK...

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

Checking 4 products from PDE...
No products from PDK...

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

Checking 8 products from PDE...
Checking 2 products from PDK...

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

```
*****
Checking 47 products from PDE...
Found product...ASA_WSM_1PNPDE20111211_045233_000001473109_00278_51154_8252.N1 / 0 gaps / 132 missing lines
Found product...ASA_WSM_1PNPDE20111211_070530_000000923109_00279_51155_8289.N1 / 0 gaps / 1 missing lines
Found product...ASA_WSM_1PNPDE20111211_194543_000000923109_00286_51162_8422.N1 / 0 gaps / 1 missing lines
Checking 15 products from PDK...
```

```
Creating graph of missing lines and gaps...
*****
Creating image: ./RESULTS/DAILY/_111211/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_111211/TELEMETRY/TELEMETRY_Gaps.png...
```

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

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

```
Building file ./RESULTS/DAILY/_111211/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_1PNPDE20111211_022002_000000573109_00276_51152_8205.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111211_035154_000000723109_00277_51153_8203.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111211_071950_000001633109_00279_51155_8291.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111211_140120_000000843109_00283_51159_8402.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_1PNPDE20111211_000708_000001383109_00275_51151_8177.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_001308_000005553109_00275_51151_8180.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_003844_000001143109_00275_51151_8179.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_004132_000003503109_00275_51151_8182.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8185.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8187.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8190.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_012223_000003383109_00275_51151_8207.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_014106_000003623109_00276_51152_8208.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_015043_000009913109_00276_51152_8227.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_020836_000002053109_00276_51152_8226.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_021616_000002233109_00276_51152_8225.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_023519_000006283109_00276_51152_8220.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_025637_000001323109_00276_51152_8221.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_025856_000003923109_00276_51152_8219.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_030705_000002593109_00276_51152_8218.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_031708_000001323109_00277_51153_8217.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_032213_000001143109_00277_51153_8216.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_032922_000010333109_00277_51153_8214.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_034953_000001203109_00277_51153_8211.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_041532_000005193109_00277_51153_8259.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_045507_000005613109_00278_51154_8260.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_050747_000011303109_00278_51154_8262.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_055549_000004593109_00278_51154_8293.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_061006_000000963109_00278_51154_8295.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_064524_000008583109_00279_51155_8304.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_070401_000000783109_00279_51155_8302.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_070901_000006283109_00279_51155_8303.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_072548_000001753109_00279_51155_8306.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_201724_000002953109_00287_51163_8429.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_205753_000007673109_00287_51163_8436.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_212106_000002413109_00287_51163_8446.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_212640_000002653109_00287_51163_8449.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_213546_000003263109_00288_51164_8448.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_214209_000001693109_00288_51164_8452.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_214545_000000963109_00288_51164_8451.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_215633_000003023109_00288_51164_8453.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_223807_000006893109_00288_51164_8457.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_231301_000002653109_00289_51165_8480.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_233050_000001693109_00289_51165_8479.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111211_234242_000002593109_00289_51165_8476.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_073601_000006223109_00279_51155_3609.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_082512_000004163109_00280_51156_3608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_083427_000002113109_00280_51156_3611.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_083645_000001503109_00280_51156_3625.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_085014_000001573109_00280_51156_3626.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_085456_000003983109_00280_51156_3627.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_091617_000005923109_00280_51156_3629.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_100624_000005553109_00281_51157_3636.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_101919_000000663109_00281_51157_3660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_103151_000001993109_00281_51157_3661.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_105749_000004833109_00281_51157_3665.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_114602_000002173109_00282_51158_3664.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_115113_000002473109_00282_51158_3666.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_115411_000000783109_00282_51158_3687.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_123800_000008523109_00282_51158_3688.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_125847_000000843109_00282_51158_3690.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_130022_000005373109_00282_51158_3693.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_131930_000006283109_00283_51159_3694.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_133130_000000783109_00283_51159_3696.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_133704_000003083109_00283_51159_3713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_135735_000002233109_00283_51159_3714.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_140307_000003683109_00283_51159_3715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_140919_000002653109_00283_51159_3716.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20111211_141657_000007493109_00283_51159_3720.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_144010_000002353109_00283_51159_3722.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_144826_000001633109_00283_51159_3723.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_145647_000008043109_00284_51160_3725.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_152407_000001813109_00284_51160_3747.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_152809_000003023109_00284_51160_3749.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_153600_00000903109_00284_51160_3750.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_155711_000007493109_00284_51160_3756.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_163456_000002053109_00285_51161_3757.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_163958_000006283109_00285_51161_3758.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_170644_000001573109_00285_51161_3772.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_171035_000002293109_00285_51161_3773.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_173725_000007673109_00285_51161_3776.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_181540_000003983109_00286_51162_3777.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_182354_000002833109_00286_51162_3779.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_182720_000001753109_00286_51162_3803.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_183809_000002053109_00286_51162_3802.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_184312_000001633109_00286_51162_3806.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_191739_000006283109_00286_51162_3810.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_194312_000000963109_00286_51162_3809.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_194718_000007253109_00286_51162_3808.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111211_200107_000002233109_00287_51163_3811.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_1PNPDE20111211_034631_000001223109_00277_51153_8201.N1				
ASA_IMM_1PNPDE20111211_034847_000000533109_00277_51153_8202.N1				
ASA_IMM_1PNPDE20111211_070800_000000503109_00279_51155_8290.N1				
ASA_IMM_1PNPDE20111211_083915_000000523109_00280_51156_8322.N1				
ASA_IMM_1PNPDE20111211_084819_000000373109_00280_51156_8326.N1				
ASA_IMM_1PNPDE20111211_085249_000001183109_00280_51156_8328.N1				
ASA_IMM_1PNPDE20111211_111725_000001283109_00281_51157_8373.N1				
ASA_IMM_1PNPDE20111211_170923_000000583109_00285_51161_8414.N1				
ASA_IMM_1PNPDK20111211_065938_000002513109_00279_51155_3596.N1				
ASA_IMM_1PNPDK20111211_214455_000000363109_00288_51164_3834.N1				

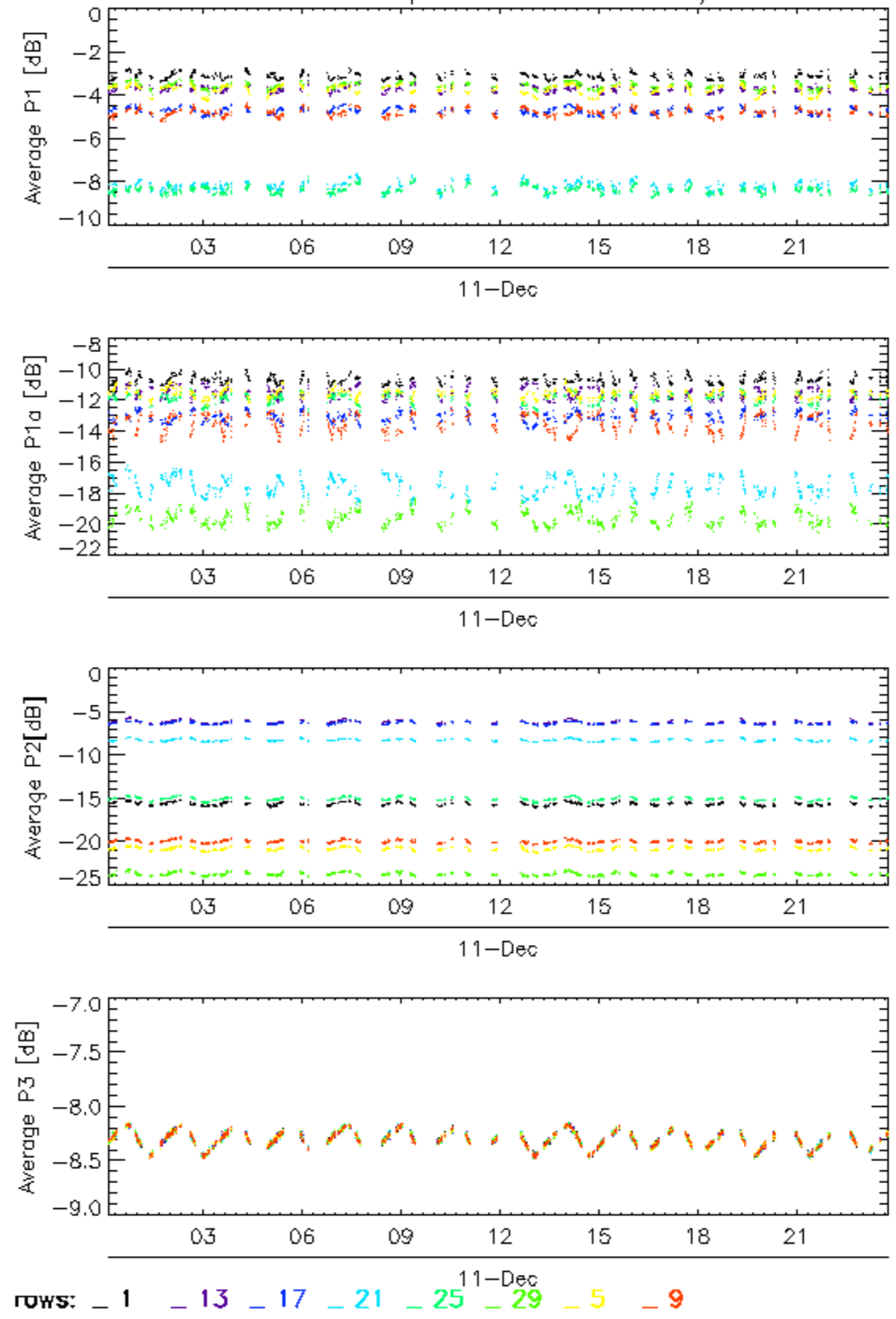
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20111211_000335_000002143109_00275_51151_8172.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_000933_000002143109_00275_51151_8173.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_005100_000002083109_00275_51151_8174.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_010636_000003303109_00275_51151_8175.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_014708_000002143109_00276_51152_8204.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_024551_000003363109_00276_51152_8209.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_030533_000000923109_00276_51152_8210.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_042416_000003923109_00277_51153_8250.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_045233_000001473109_00278_51154_8252.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_052639_000004283109_00278_51154_8255.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_060328_000001533109_00278_51154_8287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_060628_000002143109_00278_51154_8288.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_070530_000000923109_00279_51155_8289.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_072313_000001533109_00279_51155_8294.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_072845_000001533109_00279_51155_8296.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_084014_000002693109_00280_51156_8325.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_101544_000002143109_00281_51157_8349.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_102034_000000923109_00281_51157_8350.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_102253_000001903109_00281_51157_8351.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_103510_000001773109_00281_51157_8352.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_110553_000003363109_00281_51157_8372.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_114945_000000733109_00282_51158_8374.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_121910_000003363109_00282_51158_8375.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_134217_000001283109_00283_51159_8401.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_142927_000001653109_00283_51159_8403.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_144652_000000923109_00283_51159_8404.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_151841_000001653109_00284_51160_8405.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_160944_000002143109_00284_51160_8400.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_163823_000000923109_00285_51161_8407.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_165320_000003553109_00285_51161_8413.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_175013_000002143109_00285_51161_8412.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_182220_000000923109_00286_51162_8416.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_183314_000002883109_00286_51162_8418.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_192811_000003123109_00286_51162_8421.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_194543_000000923109_00286_51162_8422.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_195931_000000923109_00287_51163_8423.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_201315_000002453109_00287_51163_8437.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_202224_000001903109_00287_51163_8439.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_211045_000001903109_00287_51163_8428.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_212508_000000923109_00287_51163_8440.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_213111_000002693109_00288_51164_8441.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_214959_000003923109_00288_51164_8458.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_220139_000001533109_00288_51164_8459.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_223628_000000923109_00288_51164_8461.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_224940_000003303109_00288_51164_8447.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_233341_000001533109_00289_51165_8472.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111211_233710_000003303109_00289_51165_8473.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_074628_000002753109_00279_51155_3617.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_083211_000001283109_00280_51156_3619.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_084255_000002143109_00280_51156_3620.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_092612_000003303109_00280_51156_3642.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_115537_000003303109_00282_51158_3675.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_125215_000000923109_00282_51158_3699.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_131603_000000923109_00283_51159_3704.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_133000_000000733109_00283_51159_3705.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_133254_000002453109_00283_51159_3698.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_151013_000004773109_00284_51160_3736.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_165027_000002083109_00285_51161_3765.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_183016_000003983109_00286_51162_3792.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_200452_000002883109_00287_51163_3819.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_201022_000002083109_00287_51163_3820.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111211_232817_000001533109_00289_51165_3843.N1					OK	OK	OK	OK

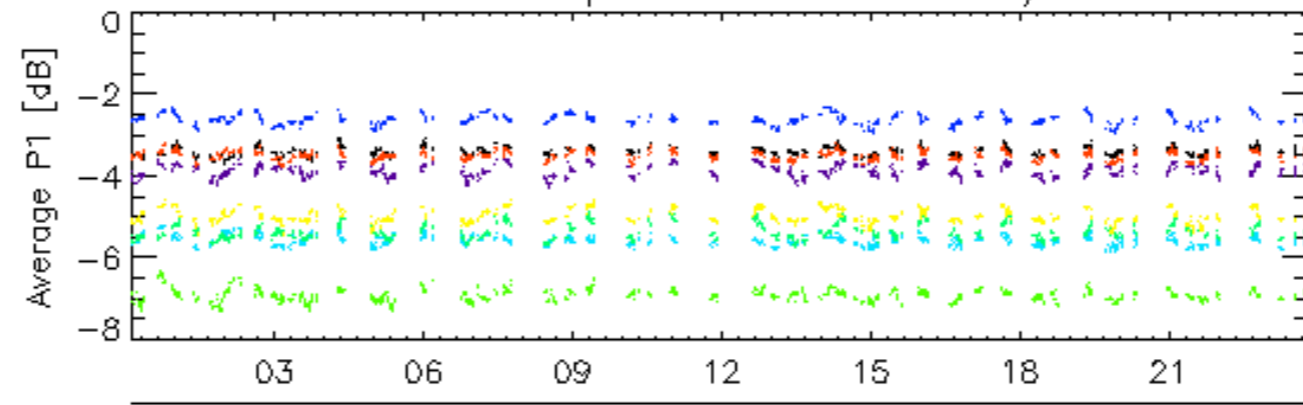
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20111211_002228_000009293109_00275_51151_8181.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_004723_000001803109_00275_51151_8183.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8184.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8186.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_011208_000002693109_00275_51151_8189.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_011553_000002543109_00275_51151_8206.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_012803_000007343109_00275_51151_8224.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_021230_000001793109_00276_51152_8223.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_022105_000008103109_00276_51152_8222.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_025124_000002703109_00276_51152_8215.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_031127_000002993109_00277_51153_8213.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_035330_000007943109_00277_51153_8212.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_040630_000002553109_00277_51153_8258.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_043127_000012293109_00277_51153_8261.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_053344_000010193109_00278_51154_8263.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_055014_000002853109_00278_51154_8292.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_061150_000017243109_00278_51154_8301.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_202532_000018893109_00287_51163_8435.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_211406_000003753109_00287_51163_8450.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_220410_000018893109_00288_51164_8454.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_225511_000002693109_00288_51164_8460.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_225856_000008093109_00288_51164_8478.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_231728_000002093109_00289_51165_8477.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111211_234705_000008543109_00289_51165_8475.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_073116_000002403109_00279_51155_3607.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_075155_000019493109_00279_51155_3610.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_090137_000008403109_00280_51156_3628.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_093209_000020093109_00280_51156_3630.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_103804_000010643109_00281_51157_3663.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_111223_000002403109_00281_51157_3662.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20111211_145111_000000443109_00284_51160_3724.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20111211_153737_000011243109_00284_51160_3755.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20111211_171426_000013343109_00285_51161_3774.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_175343_000012743109_00285_51161_3778.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_184815_000017243109_00286_51162_3807.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111211_193333_000005403109_00286_51162_3812.N1					OK	OK	OK	OK

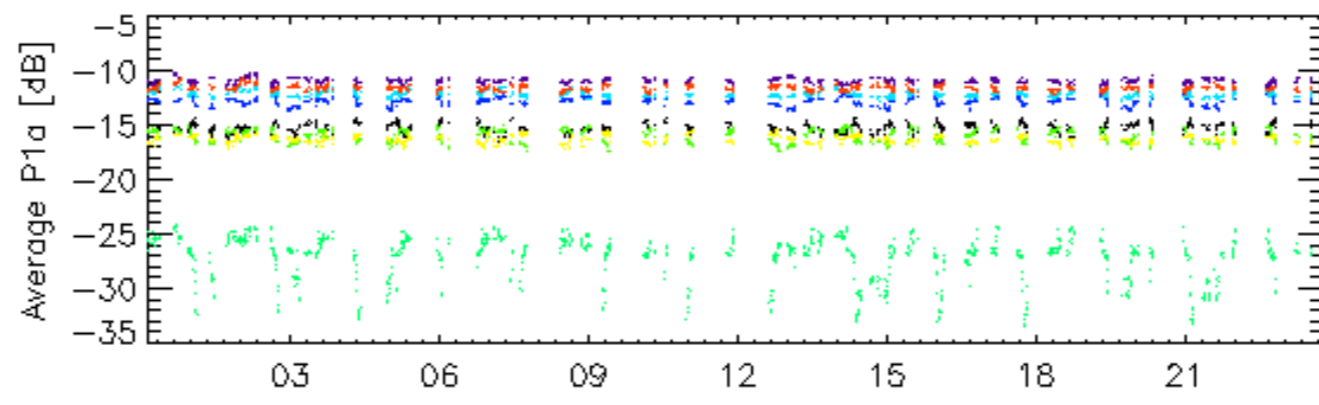
Calibration pulses for GM1 SS3 H/H



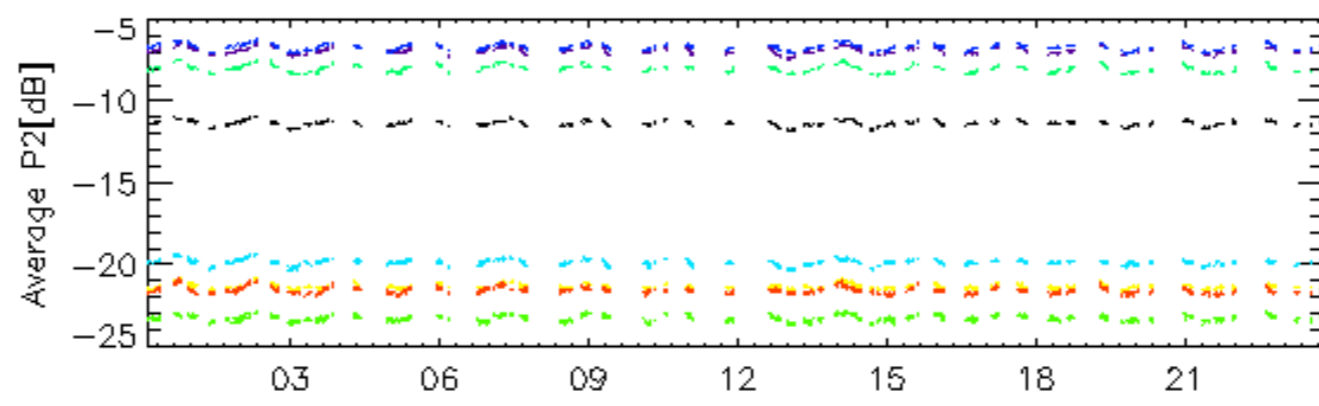
Calibration pulses for GM1 SS3 H/H



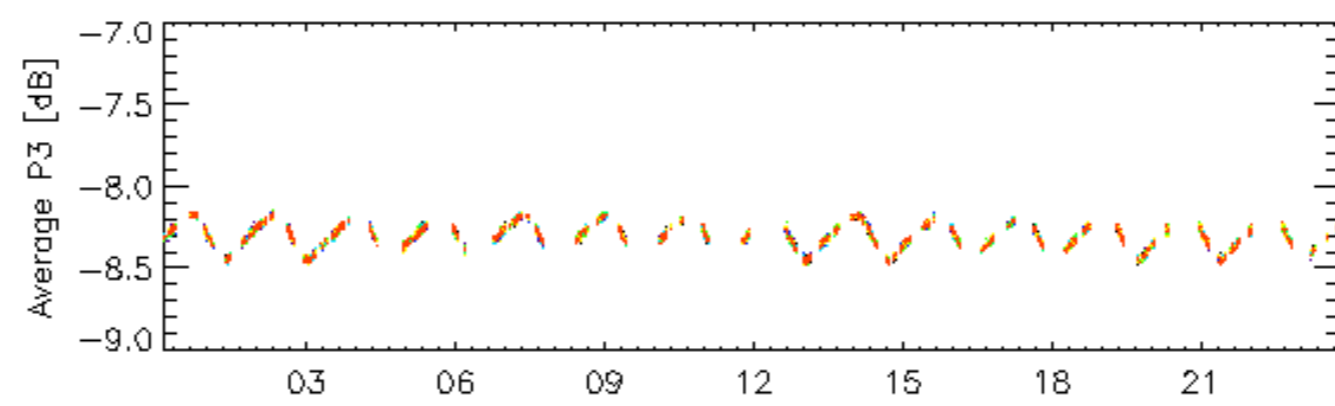
11-Dec



11-Dec



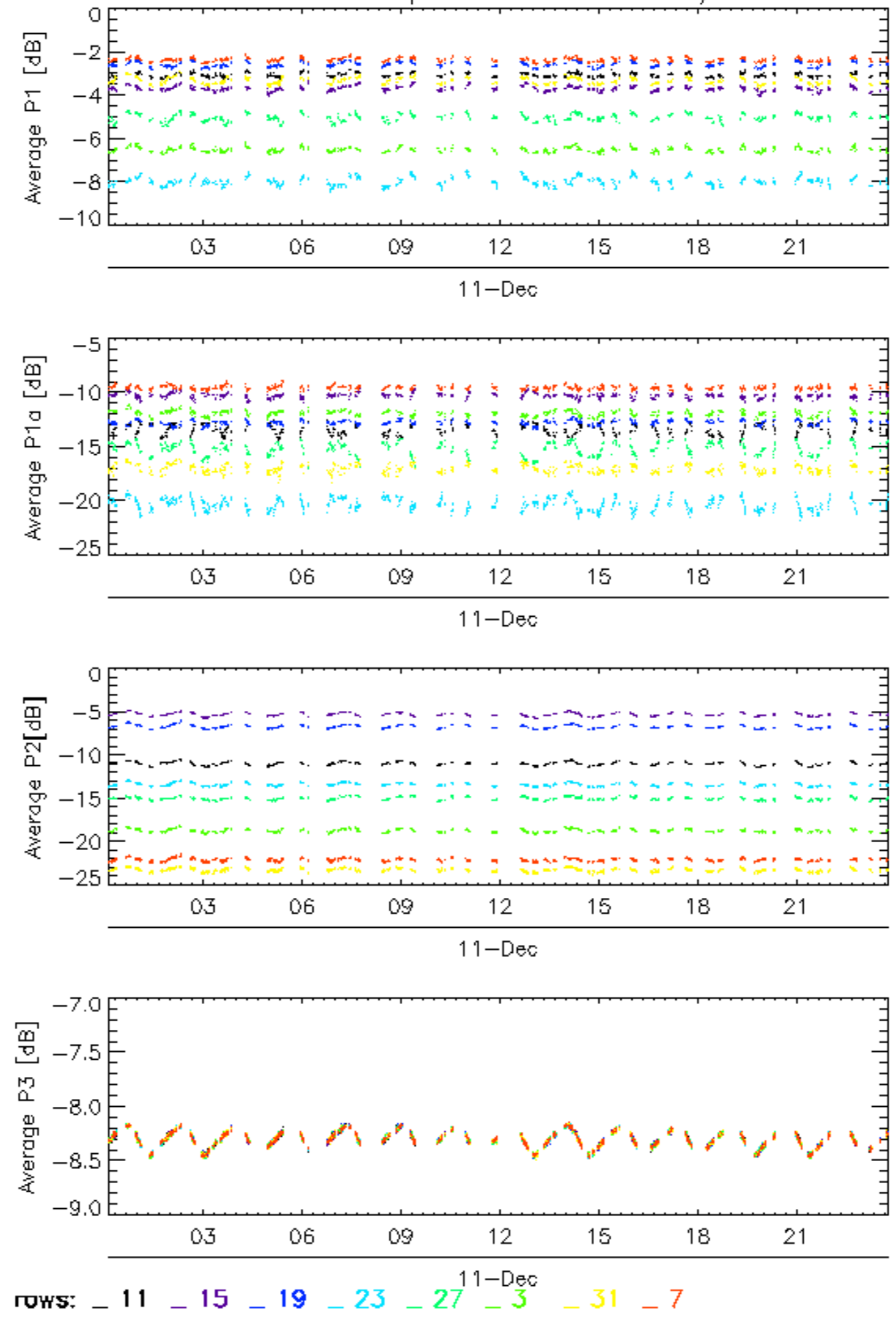
11-Dec



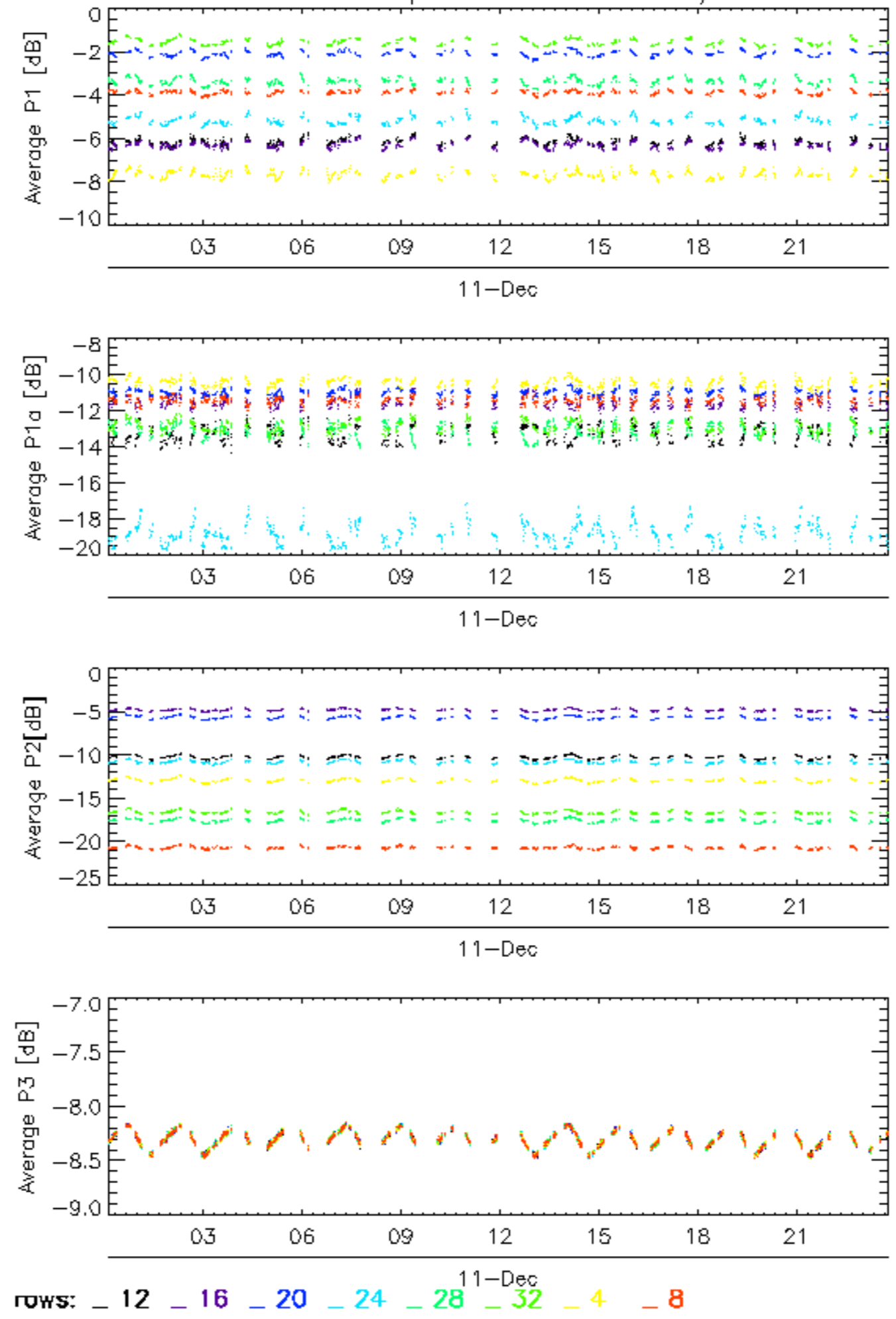
11-Dec

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

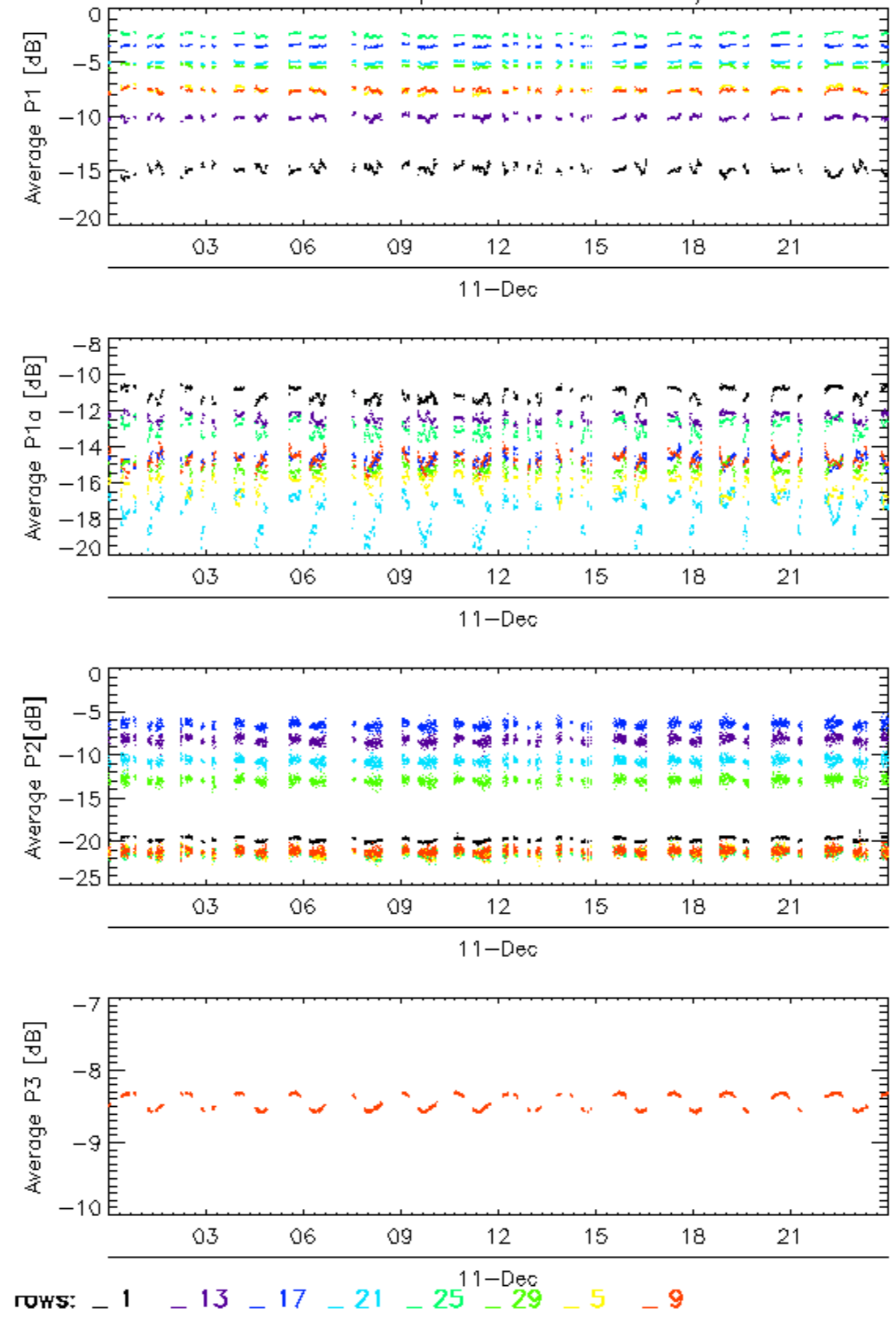
Calibration pulses for GM1 SS3 H/H



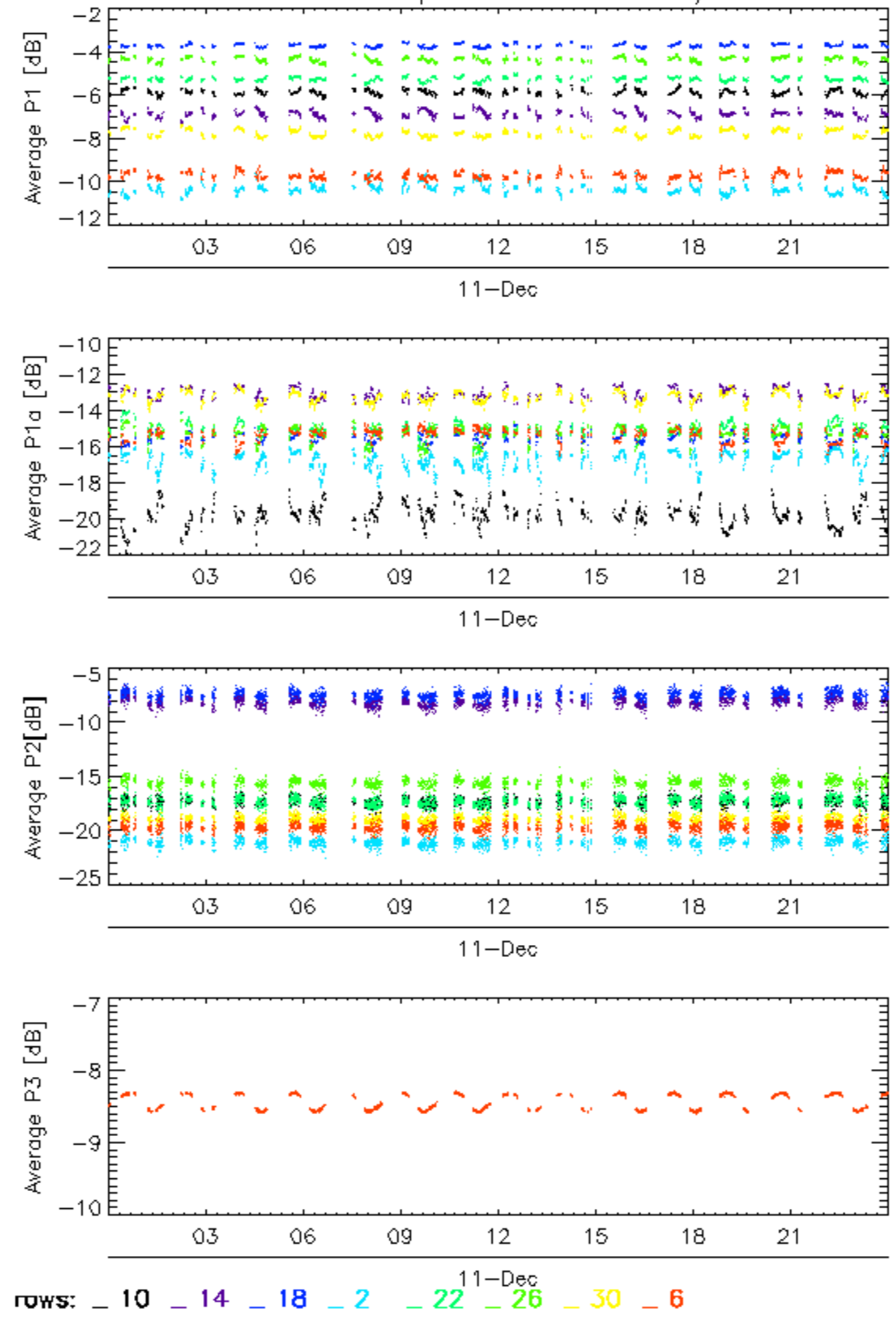
Calibration pulses for GM1 SS3 H/H



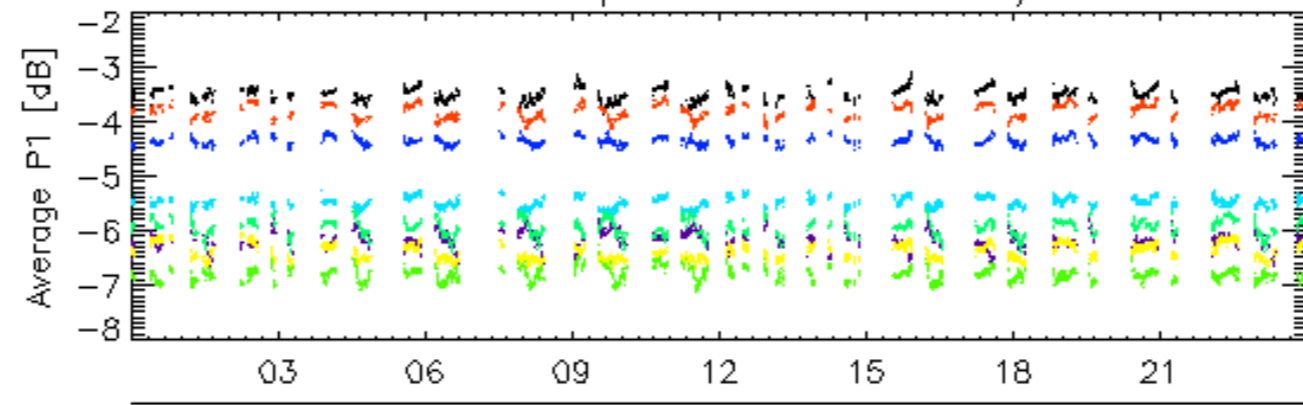
Calibration pulses for WVS IS2 V/V



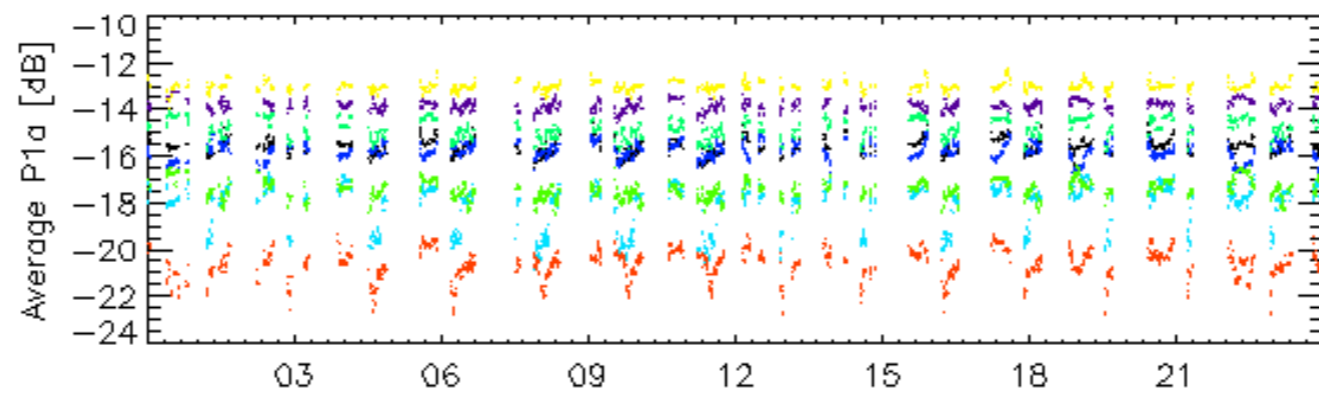
Calibration pulses for WVS IS2 V/V



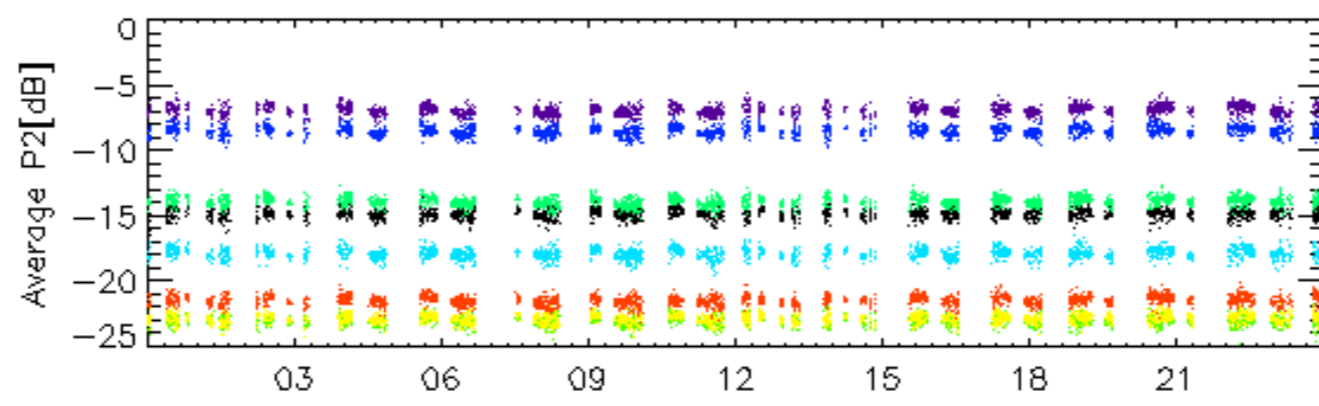
Calibration pulses for WVS IS2 V/V



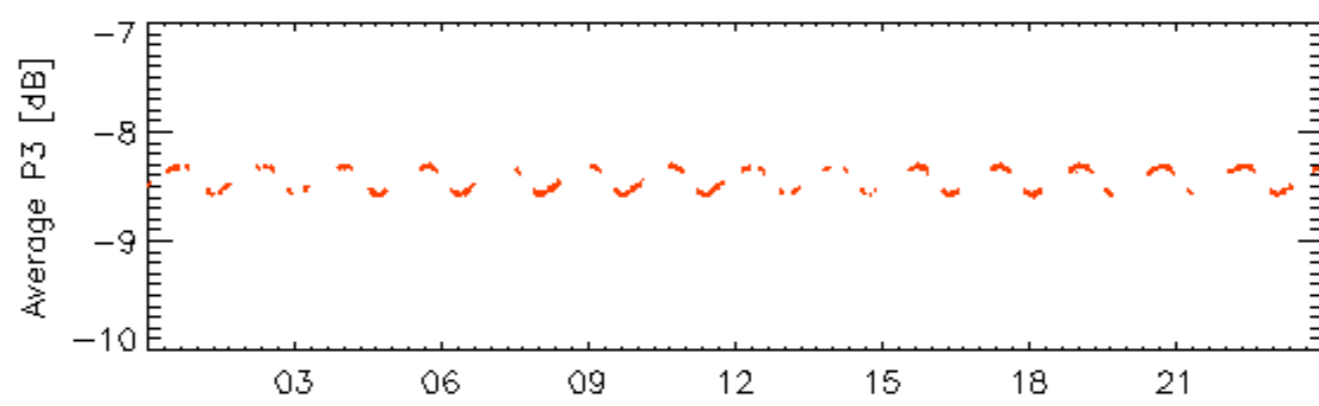
11-Dec



11-Dec



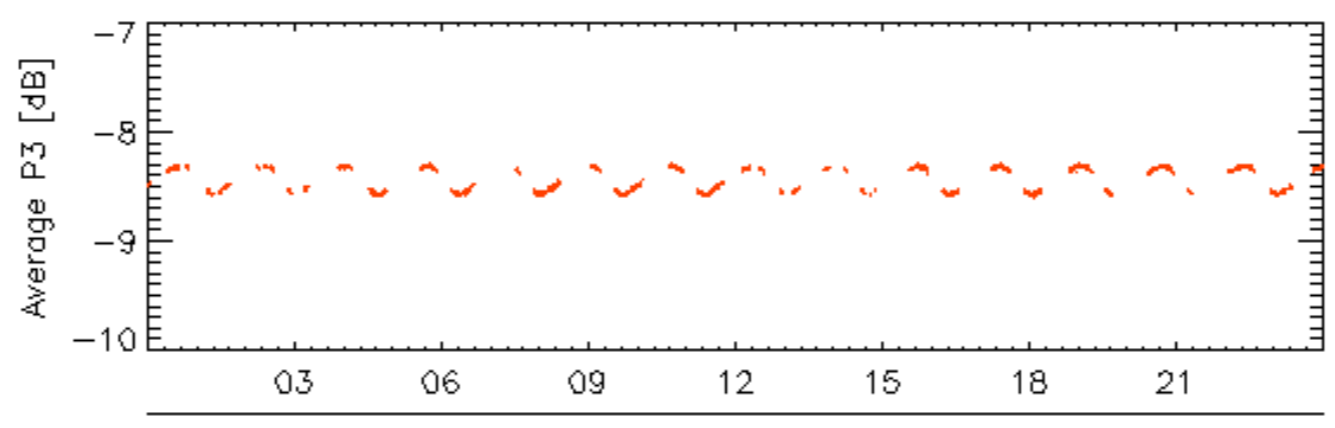
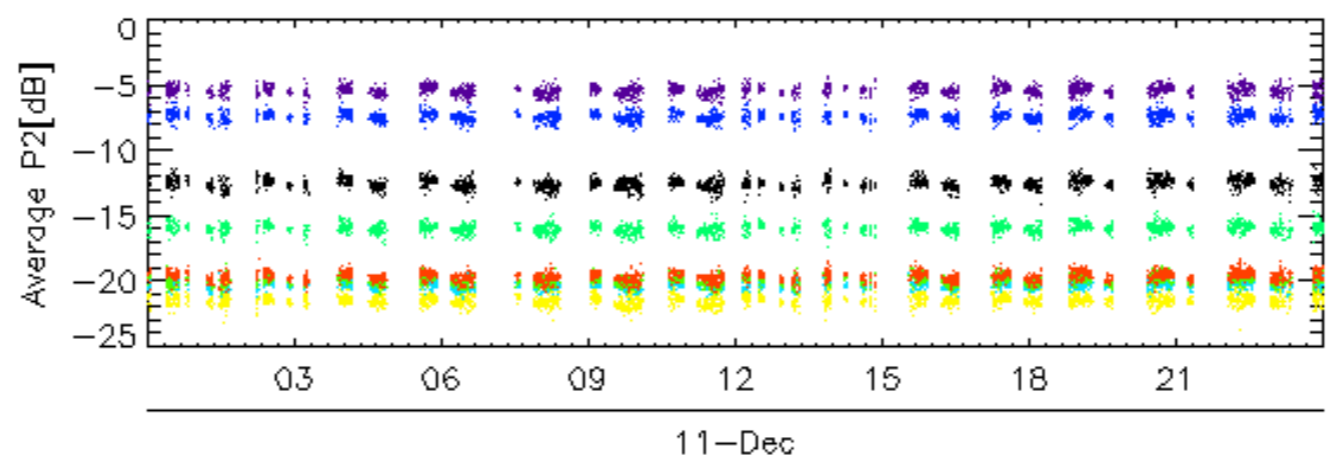
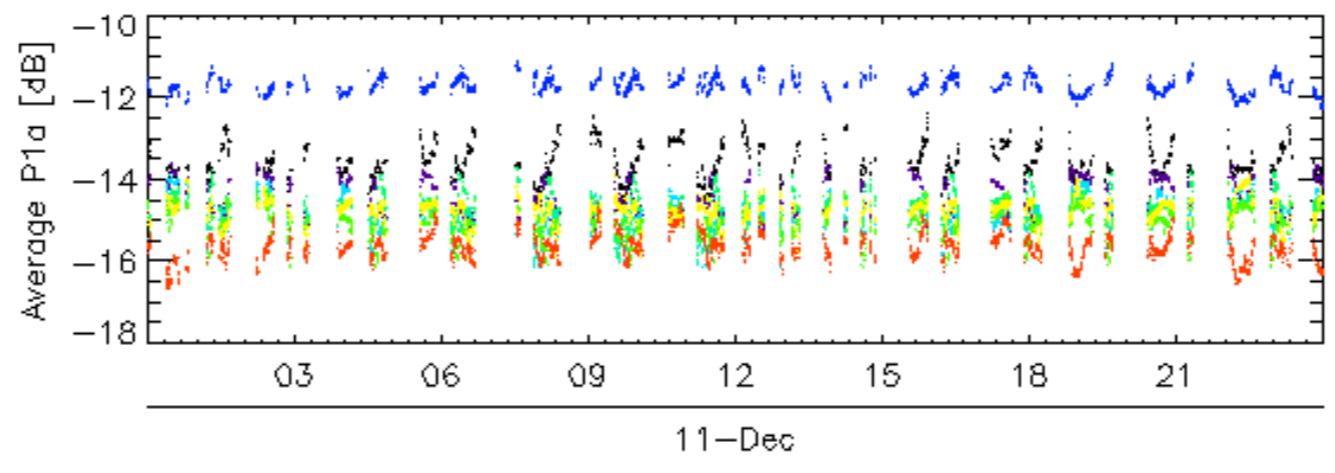
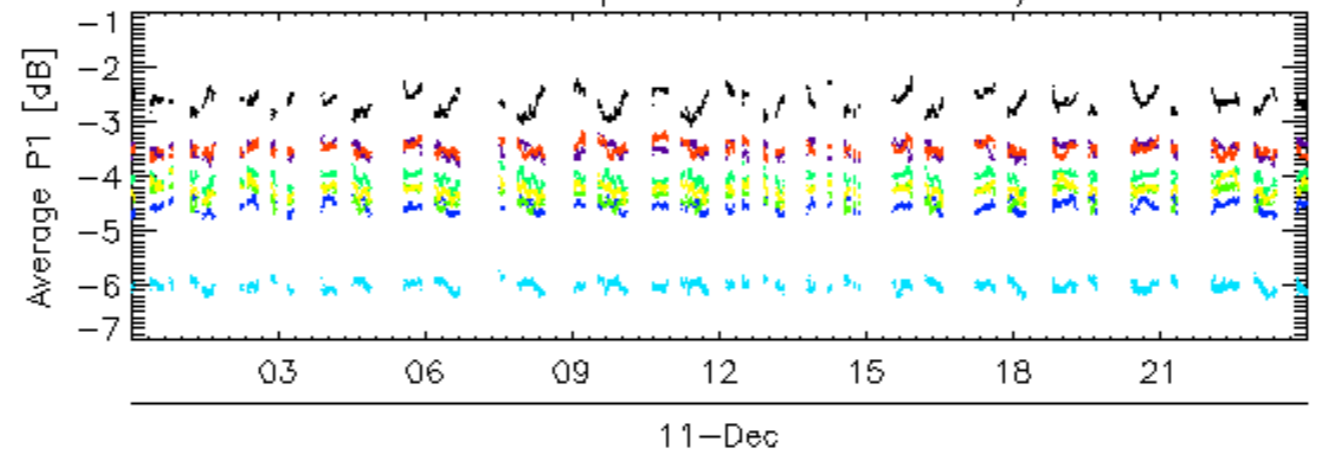
11-Dec



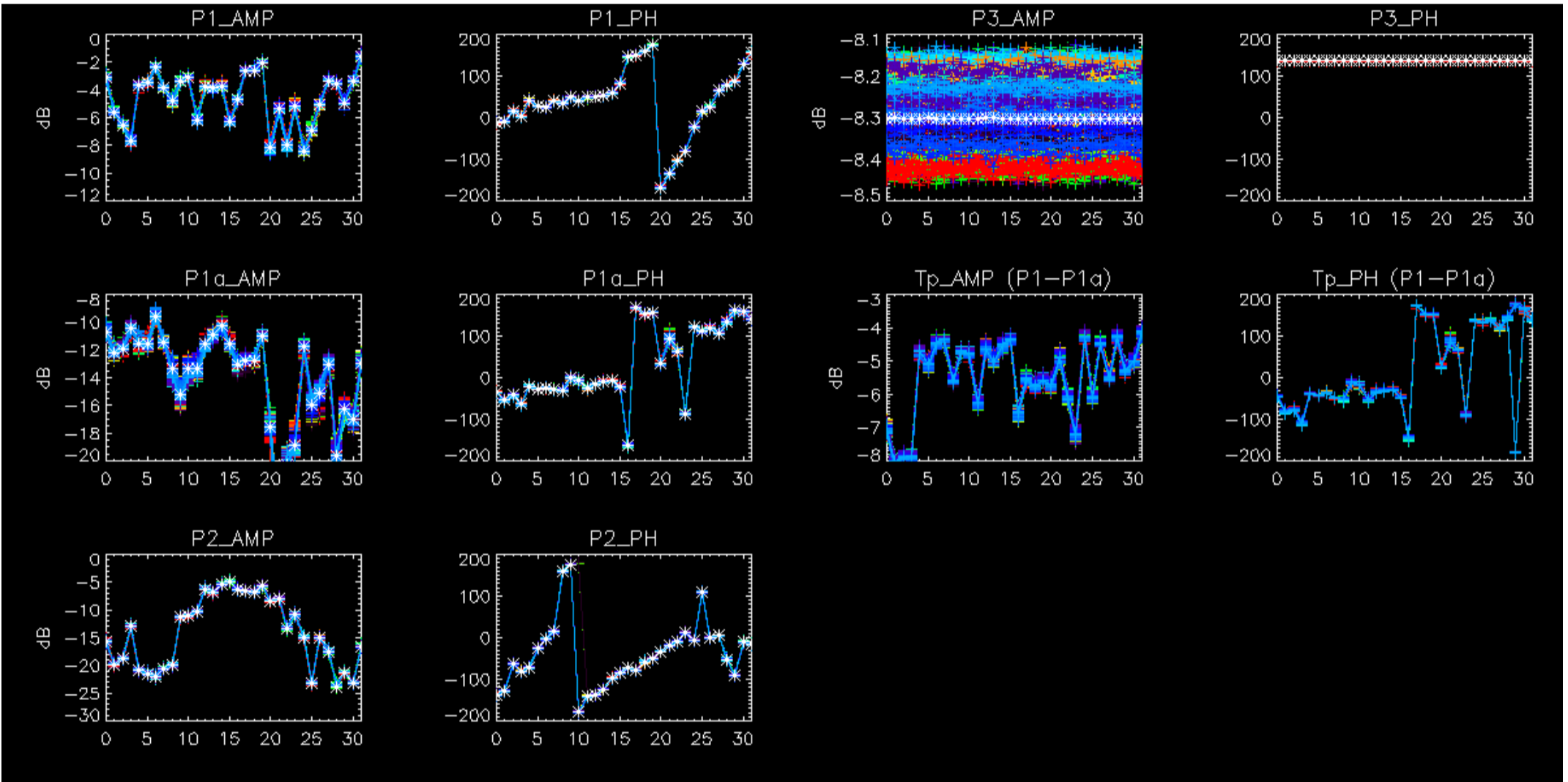
11-Dec

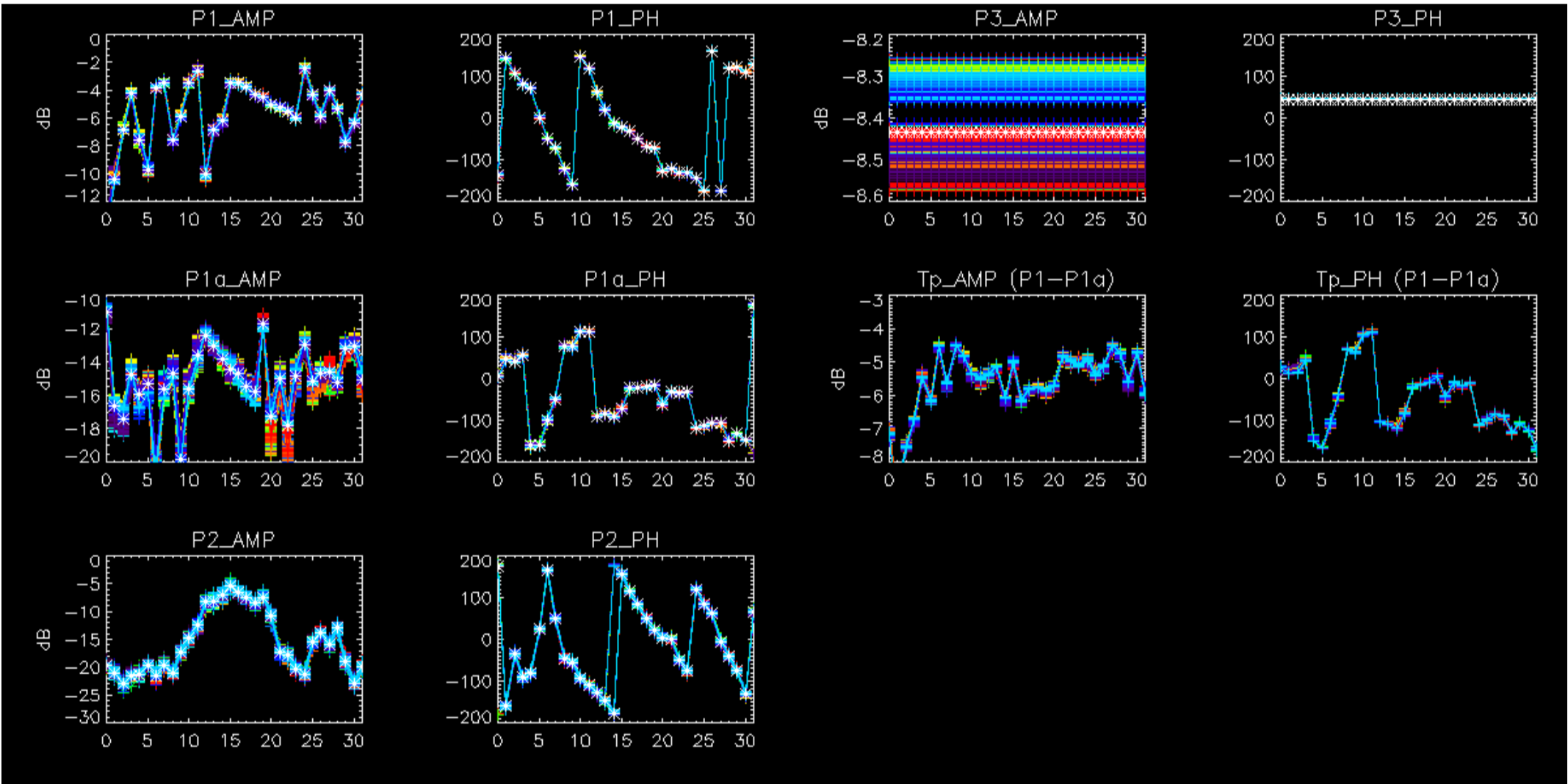
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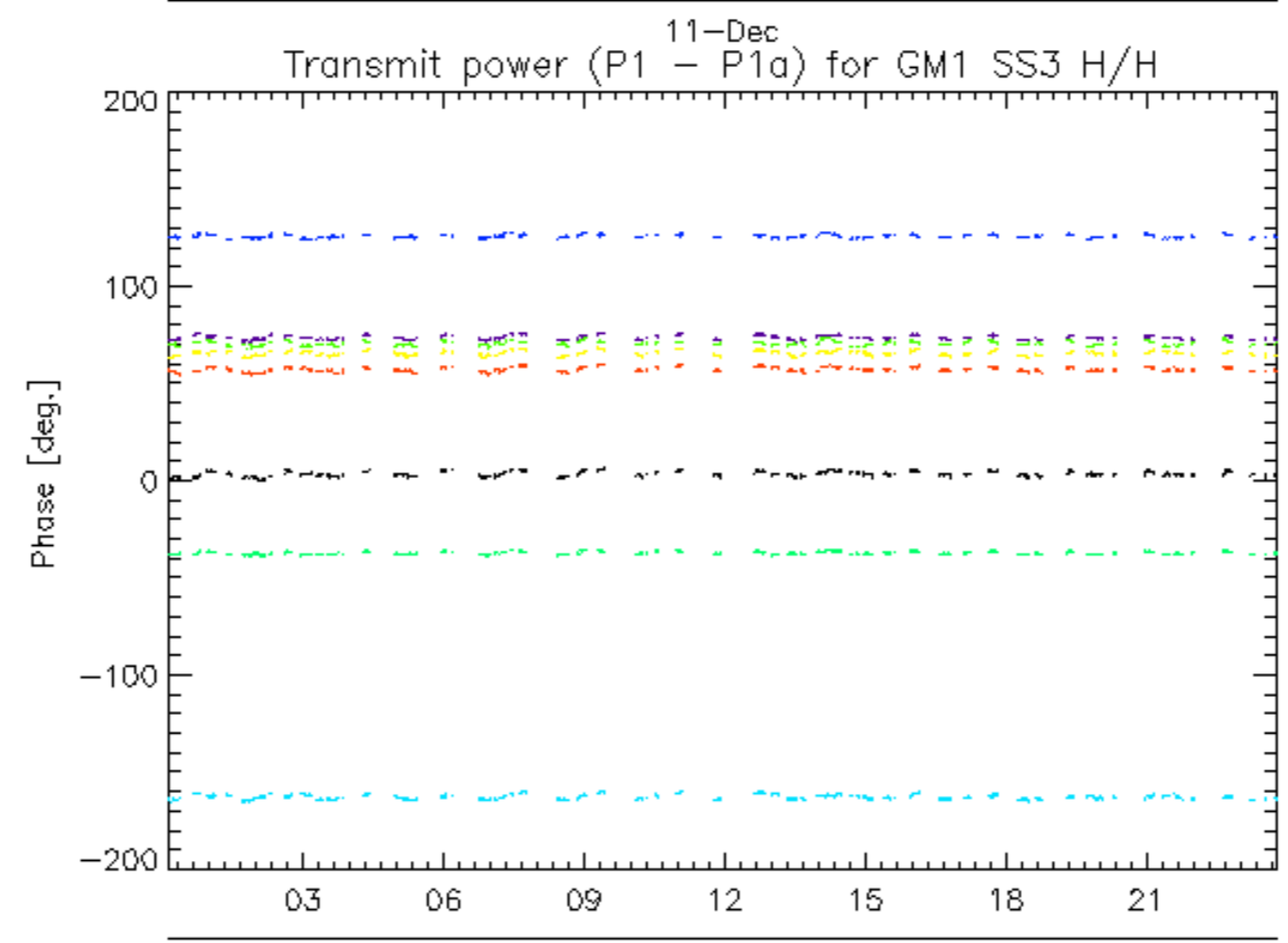
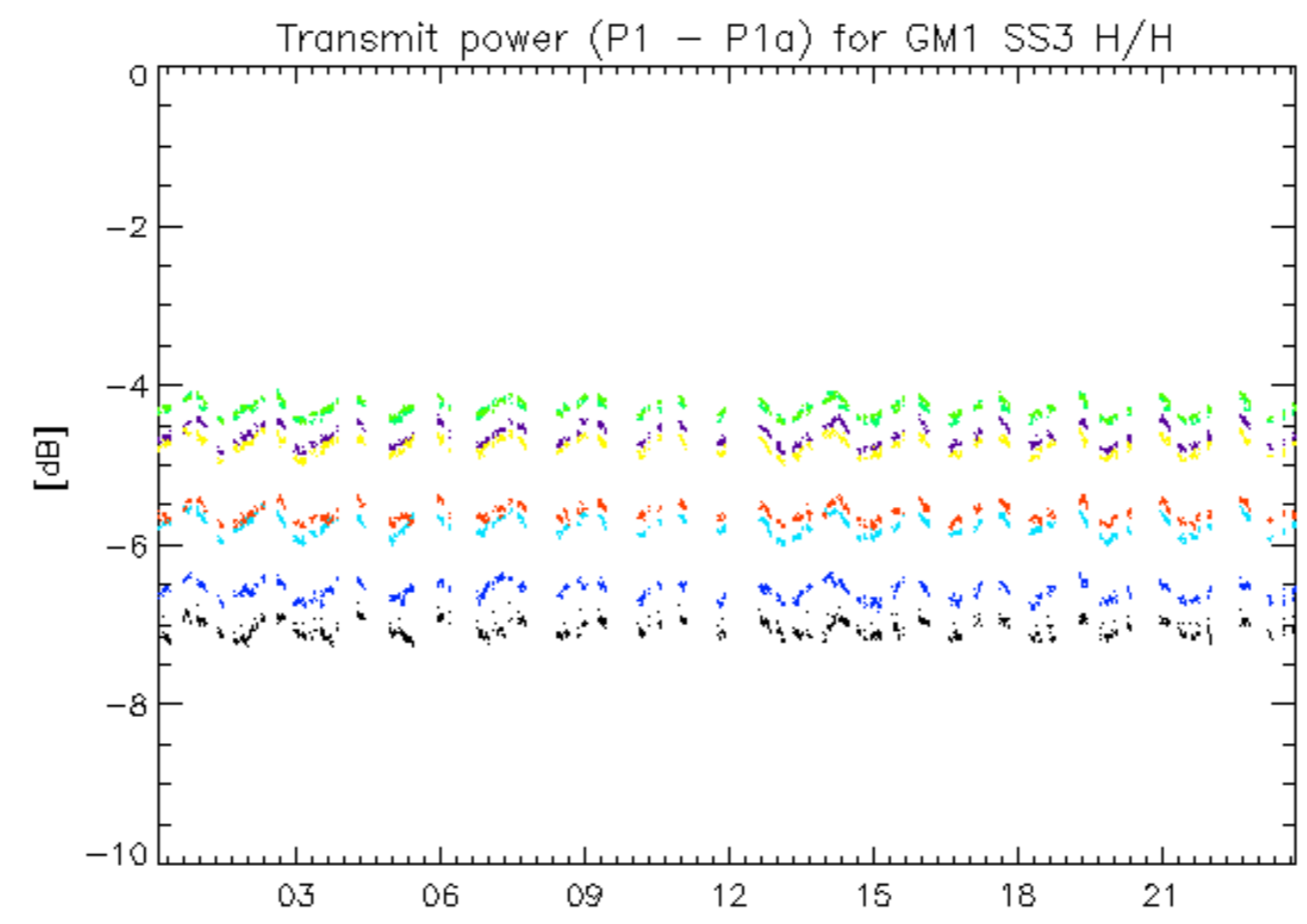
Calibration pulses for WVS IS2 V/V



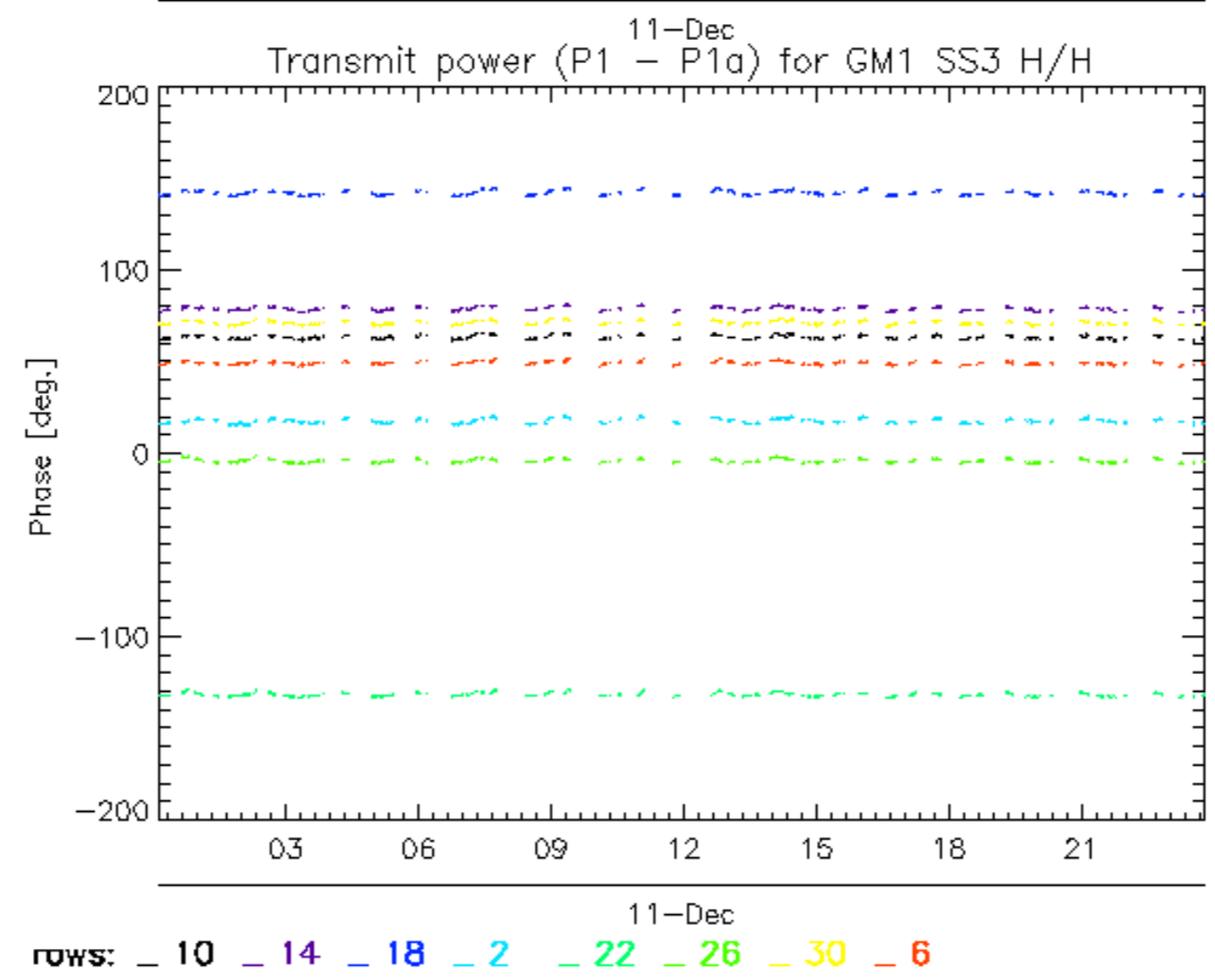
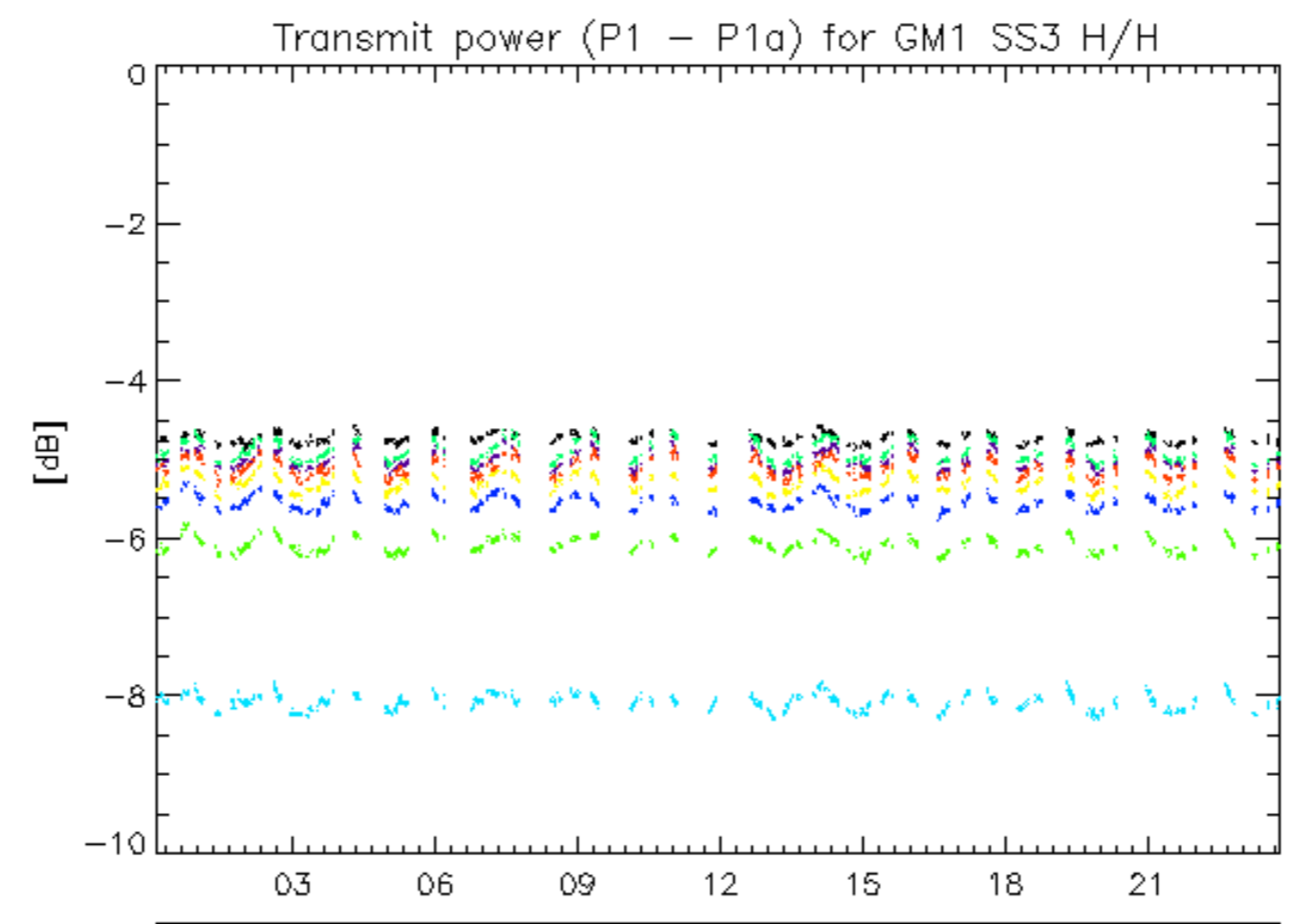
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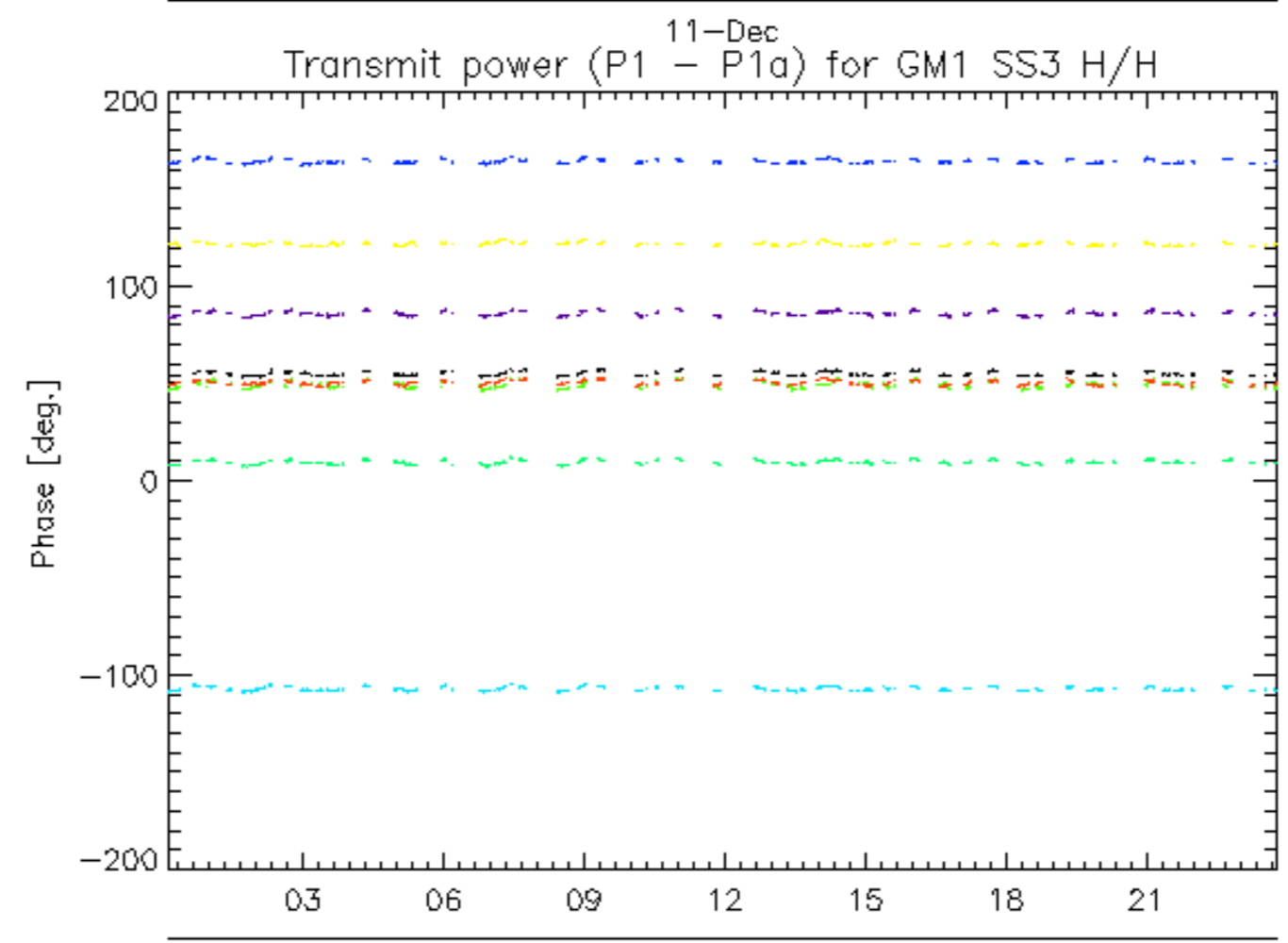
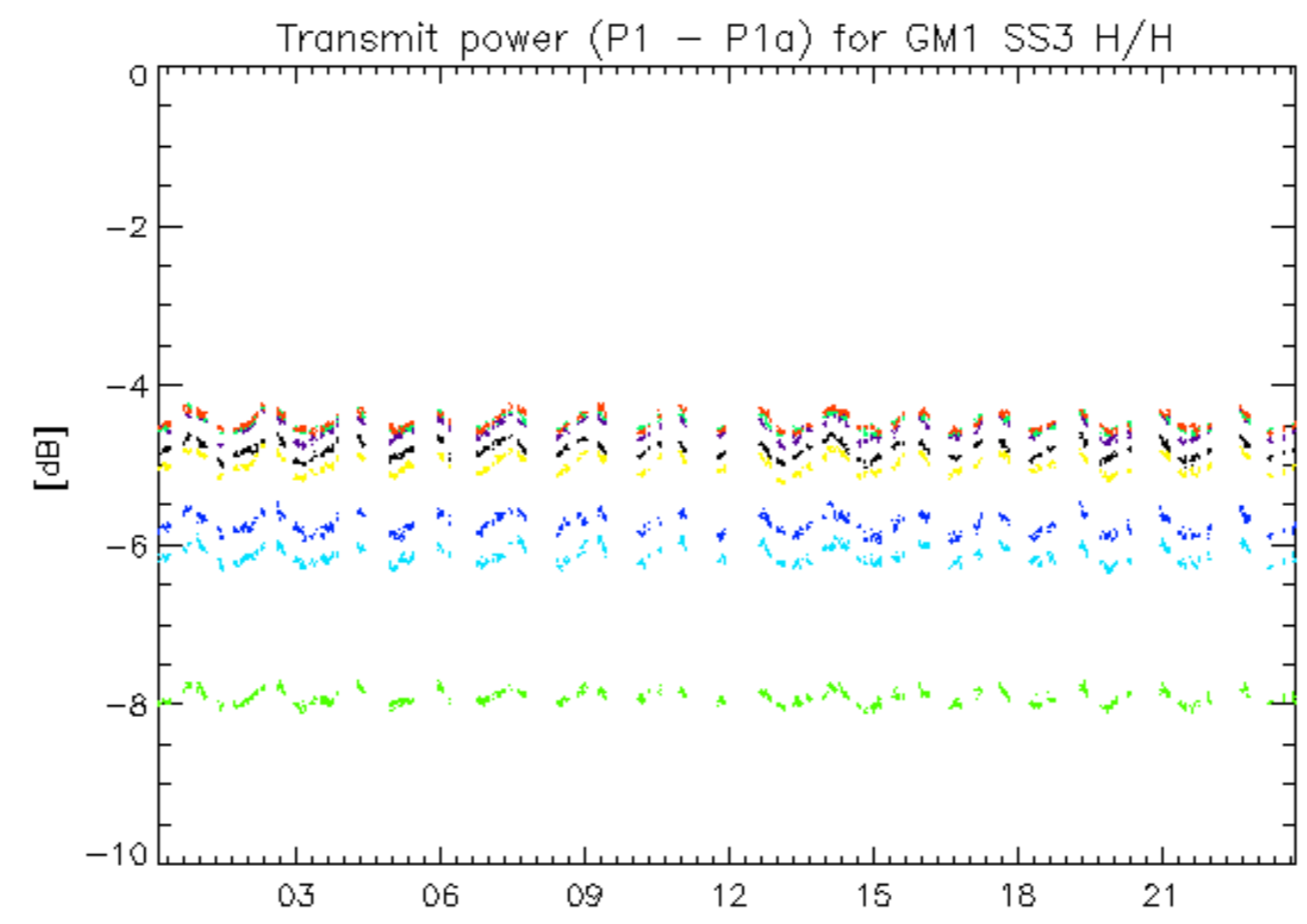




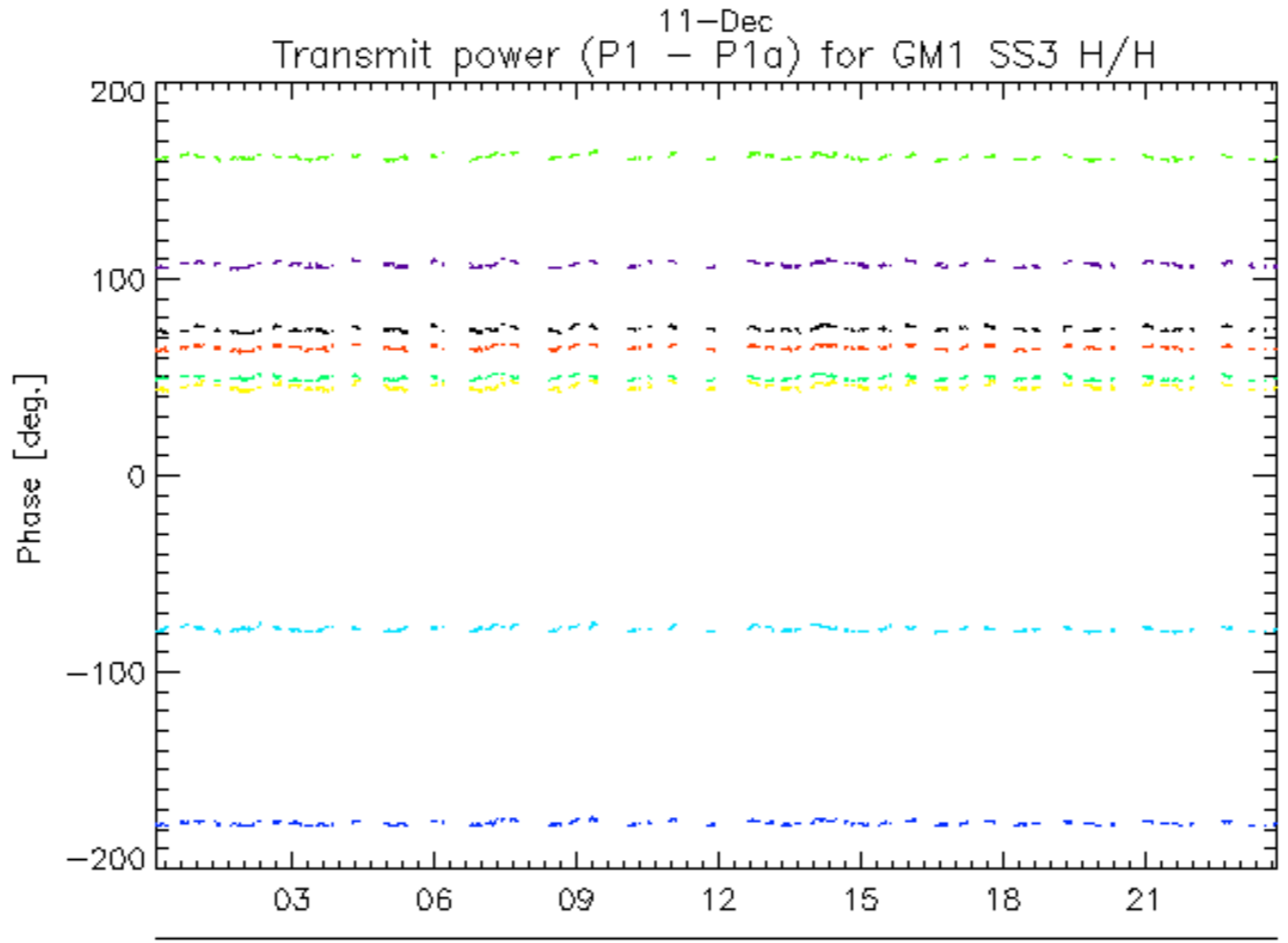
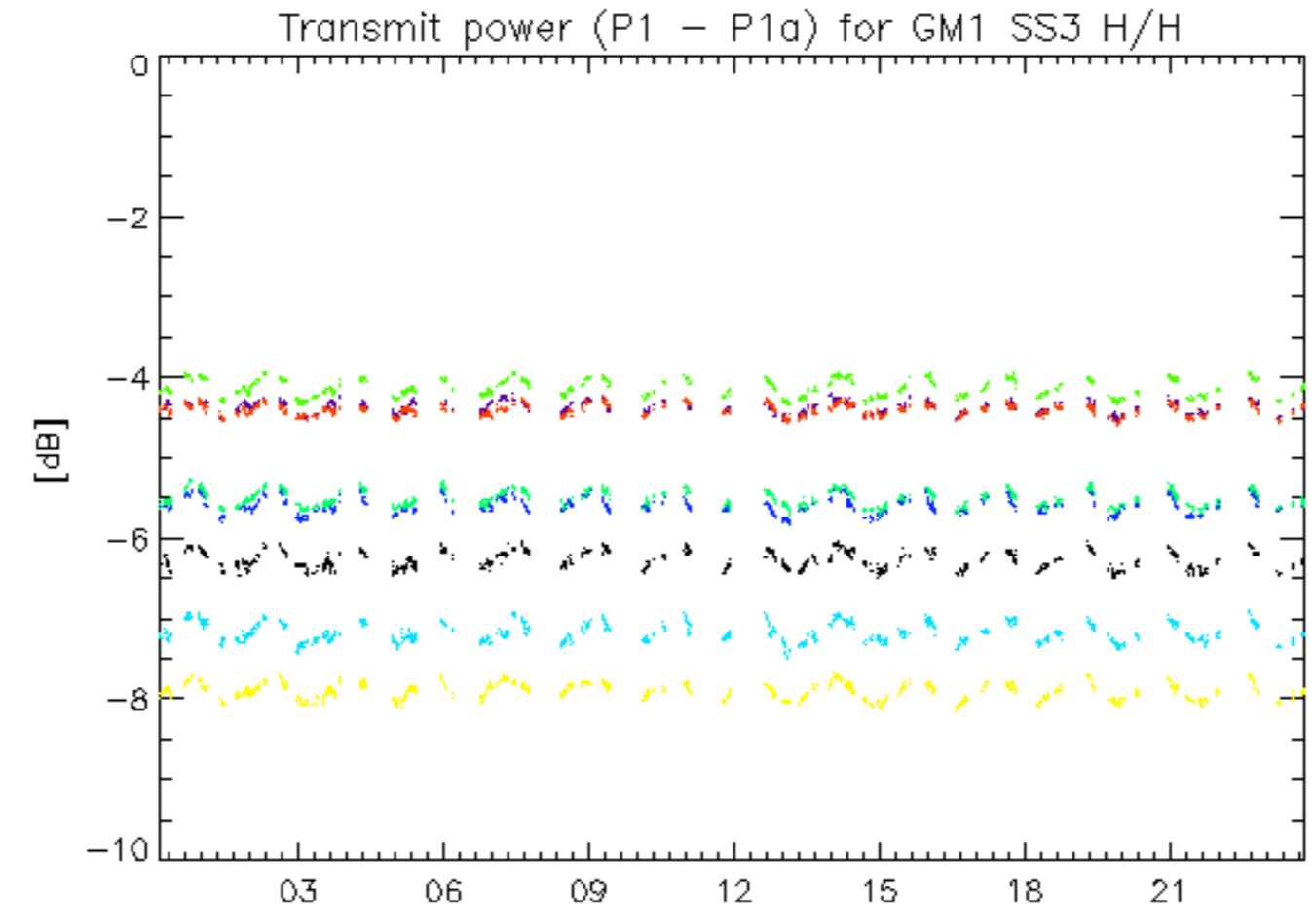


11-Dec
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

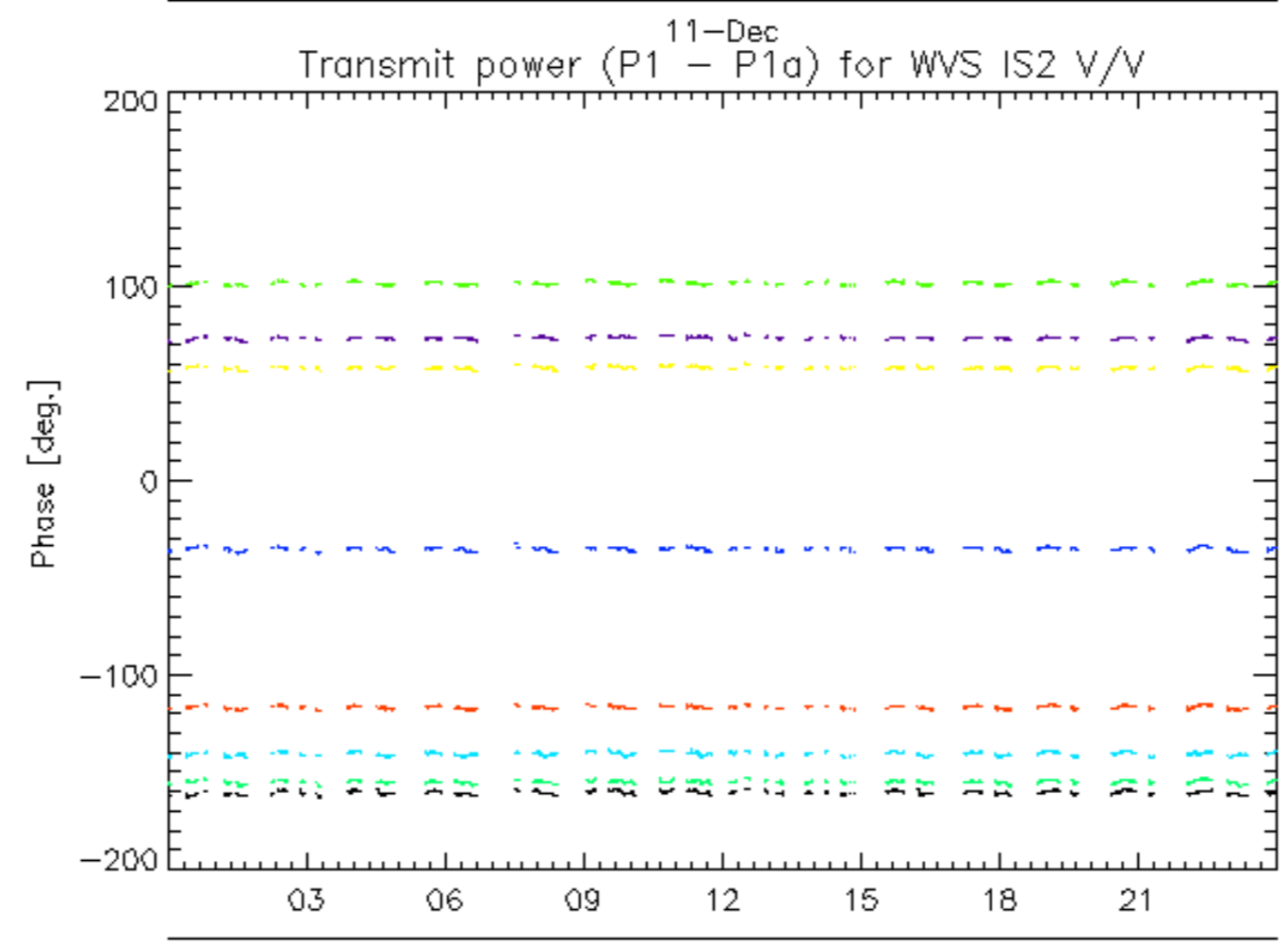
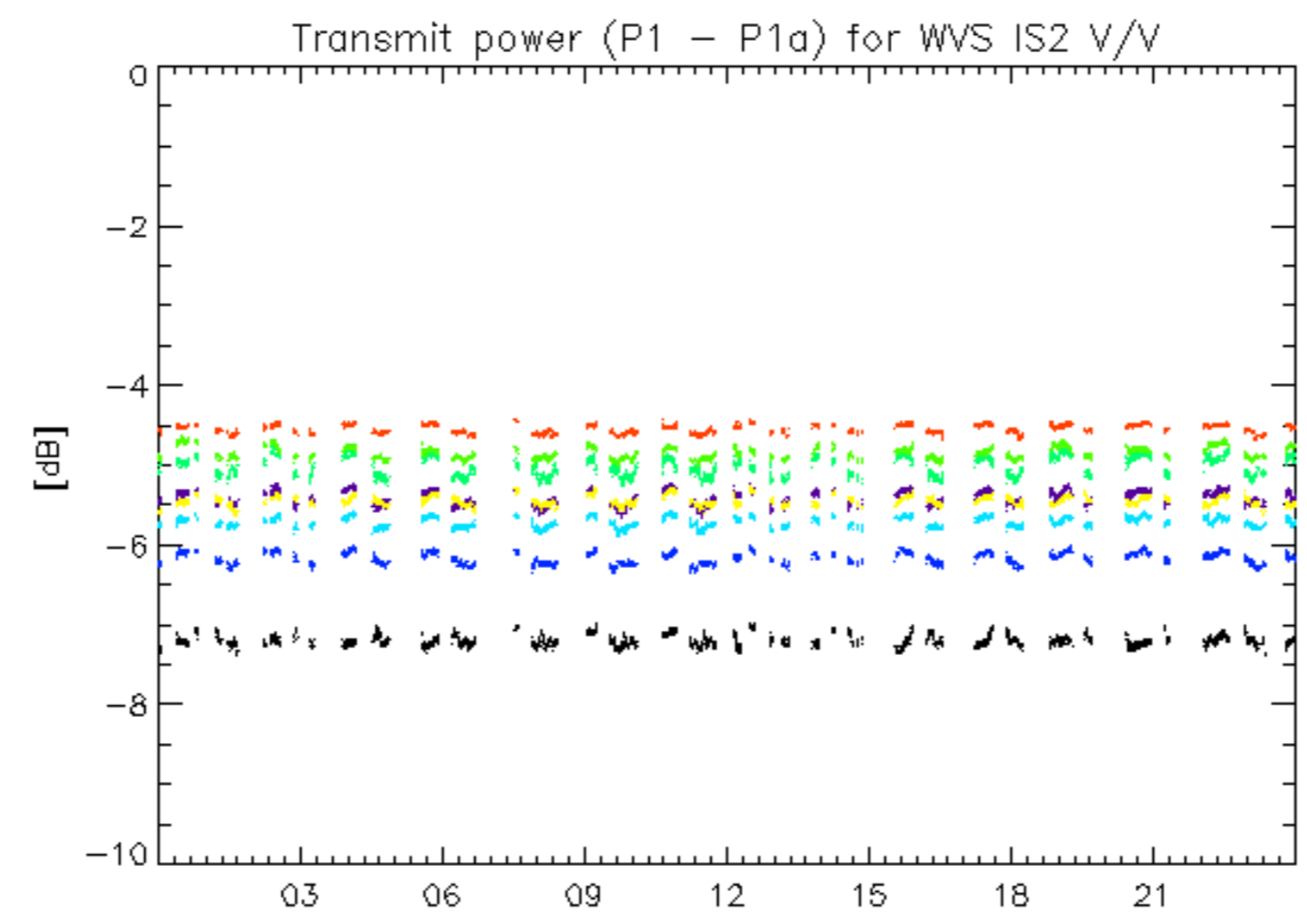




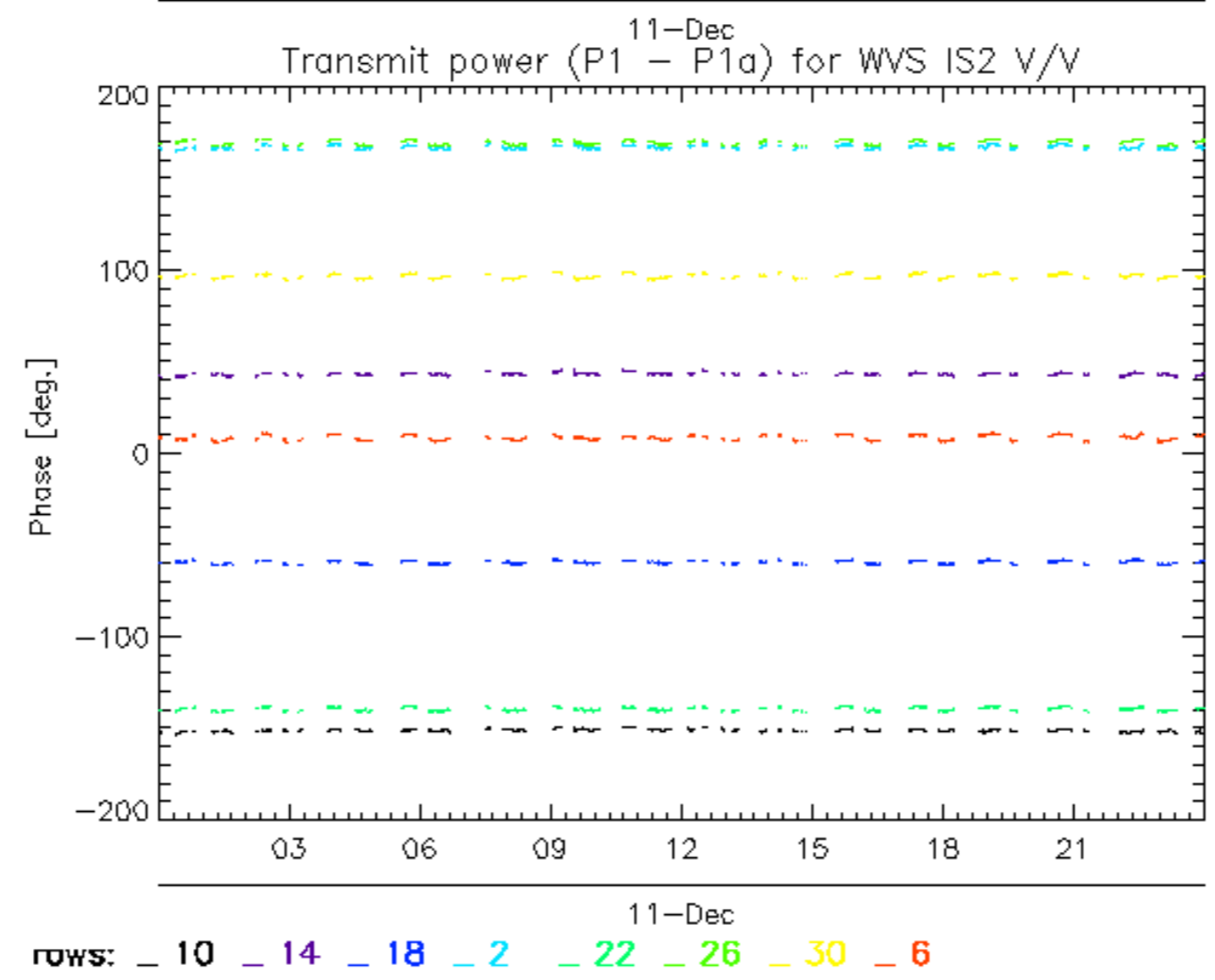
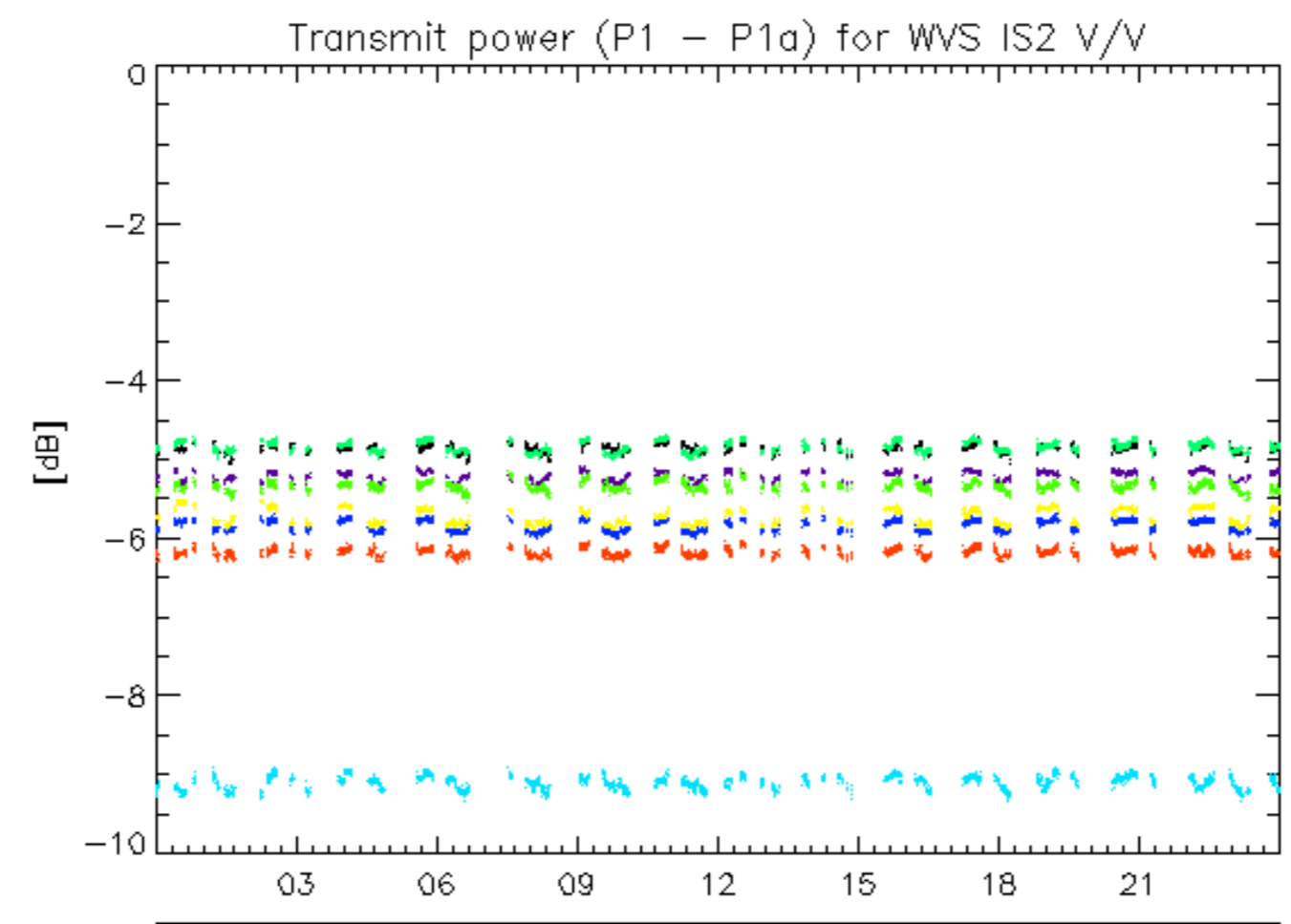
11-Dec
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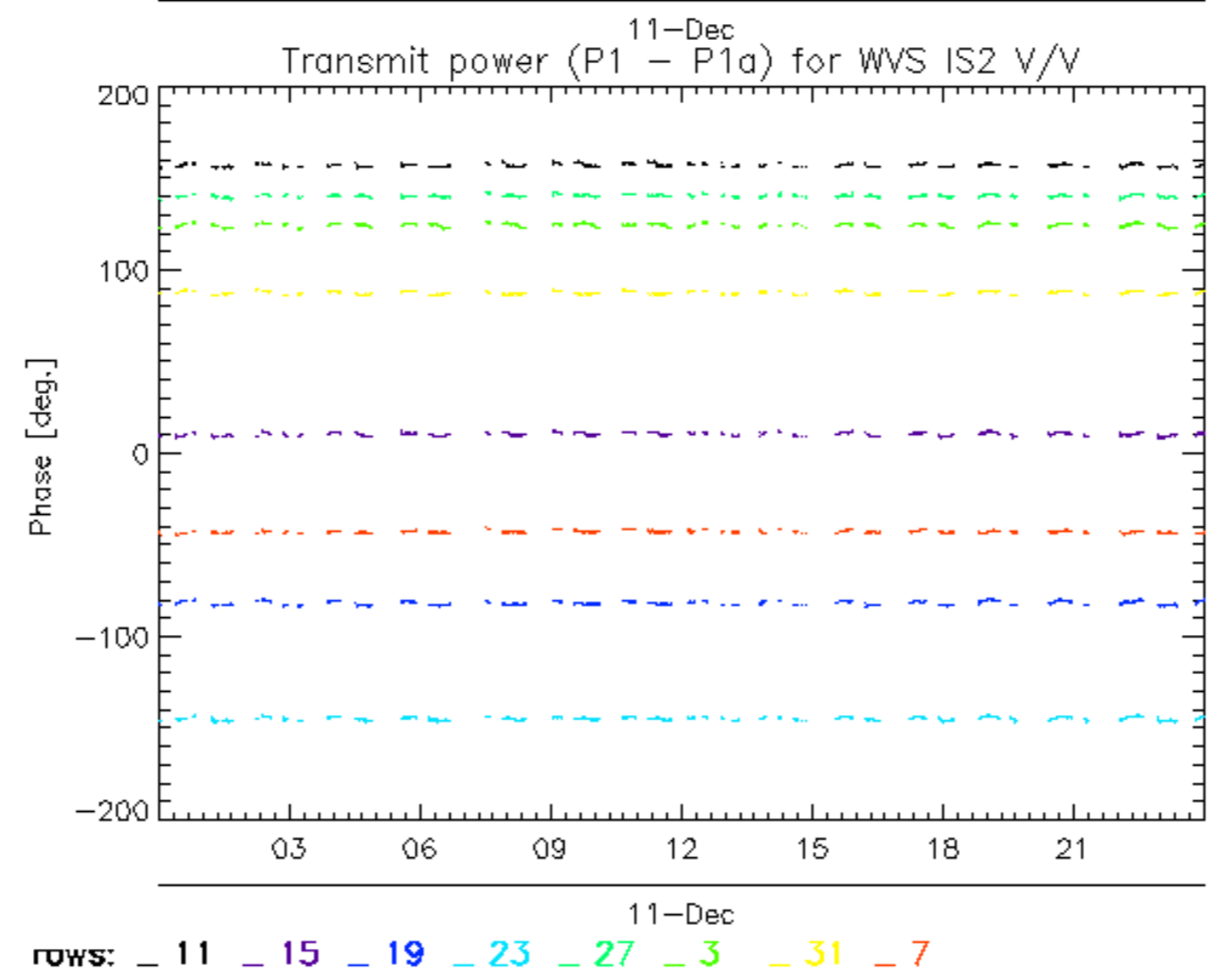
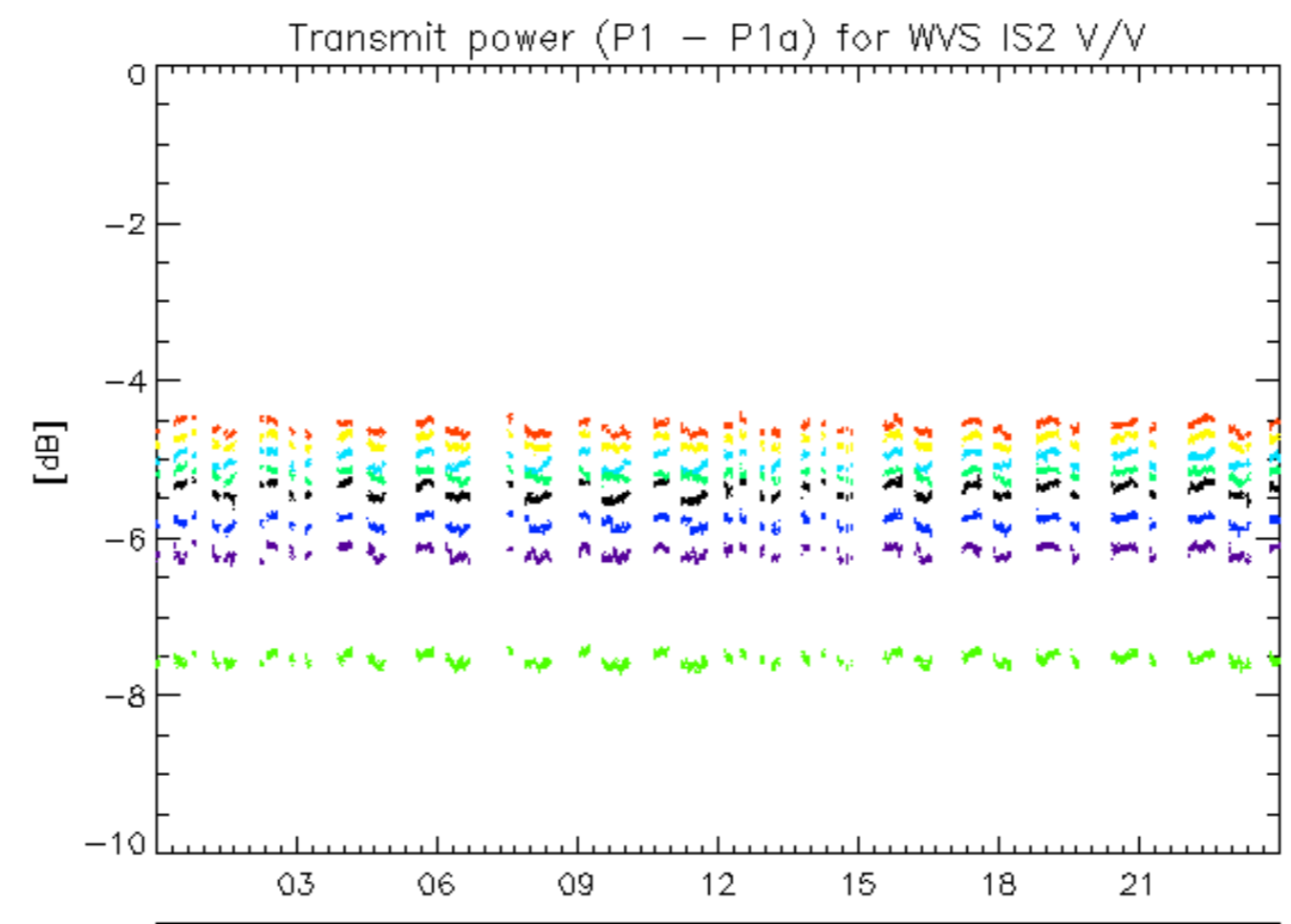


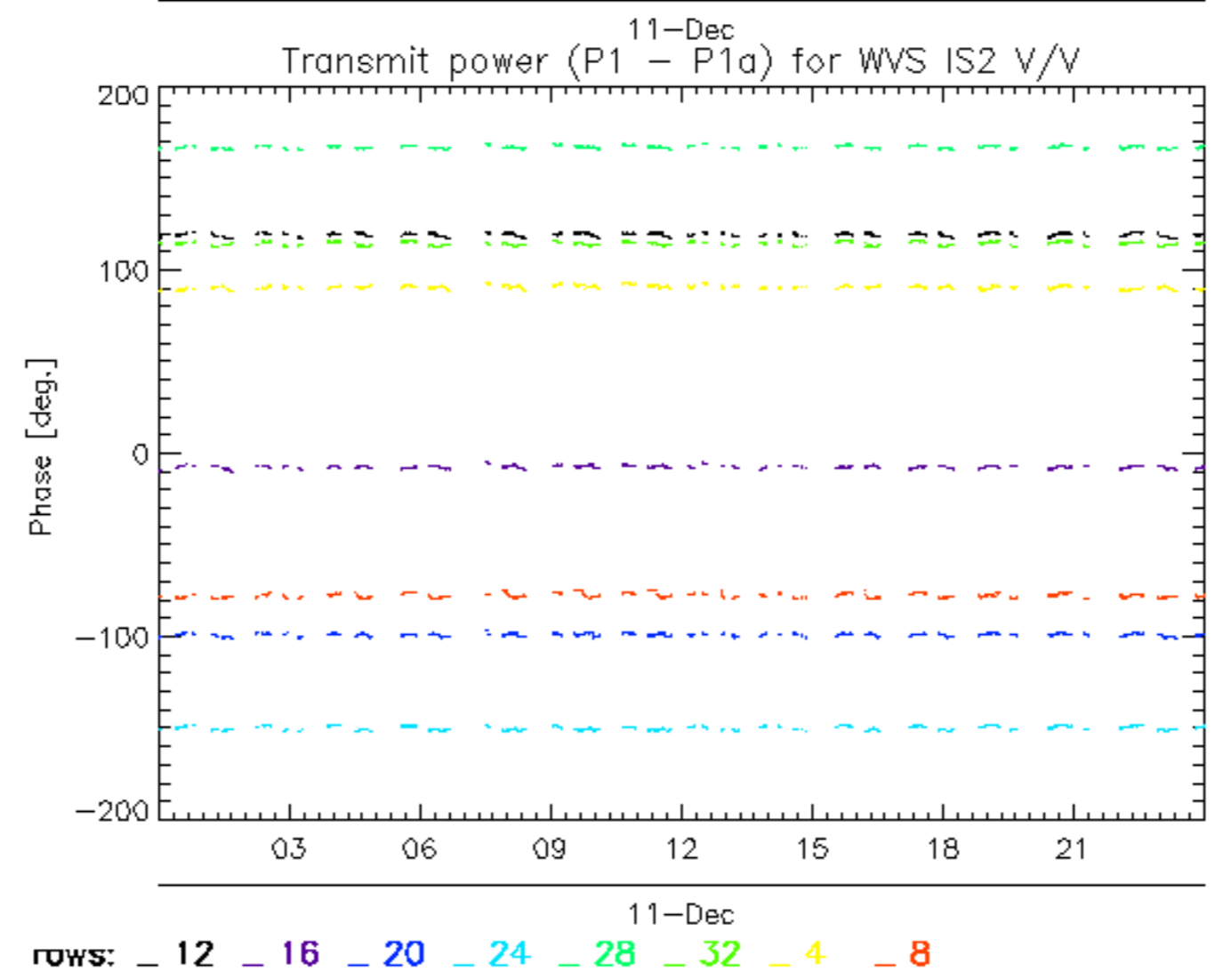
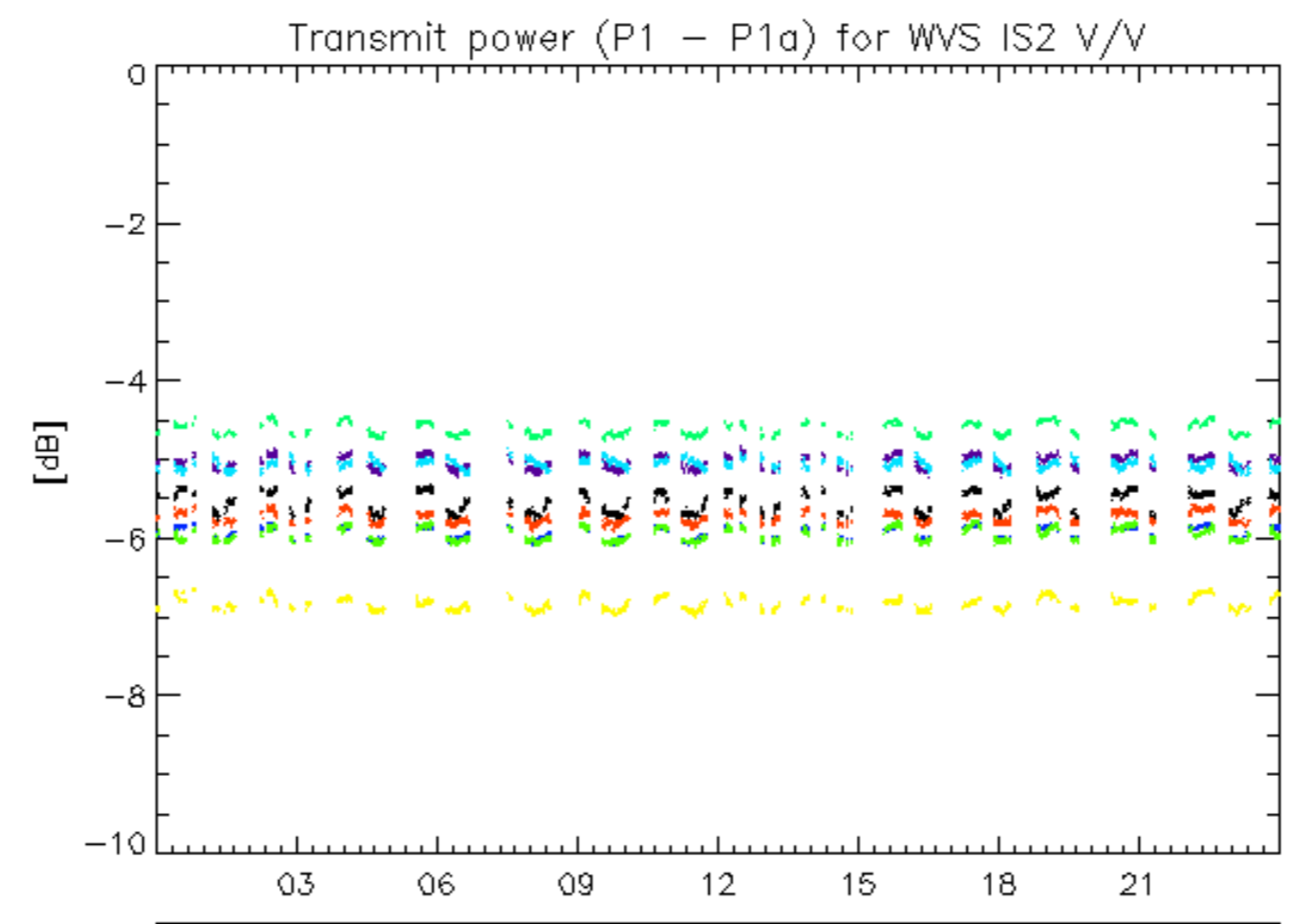
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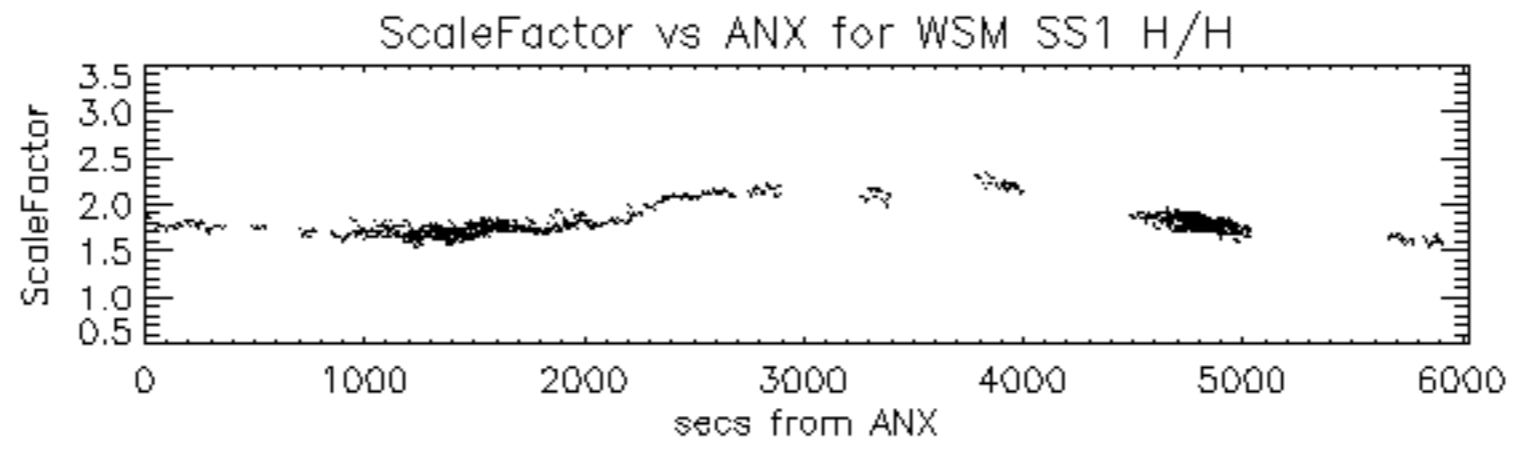


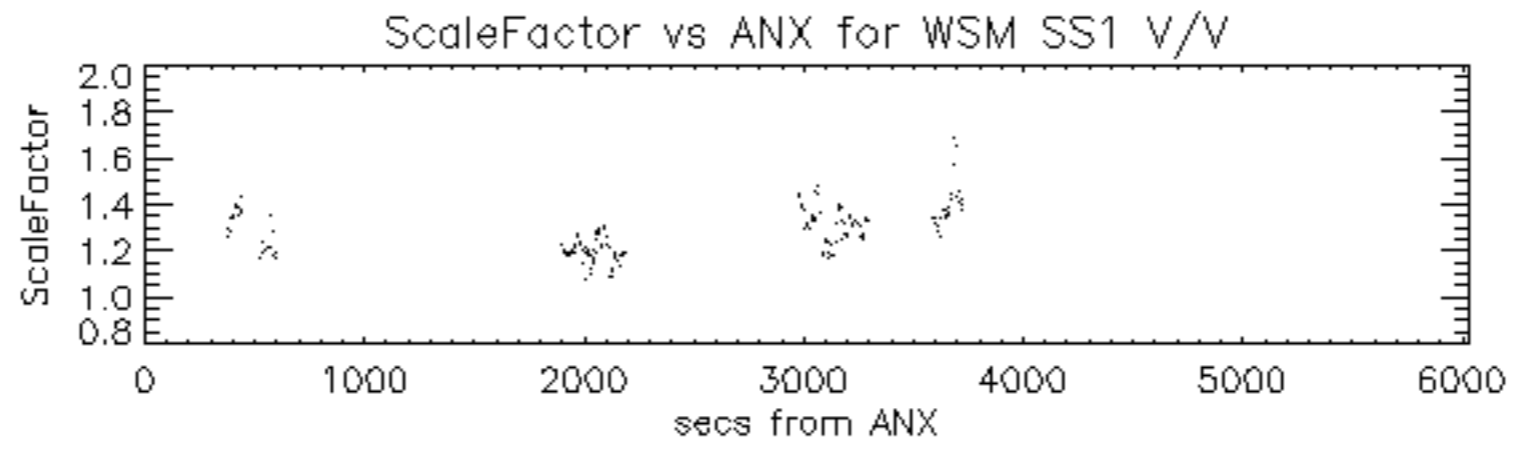
11-Dec
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

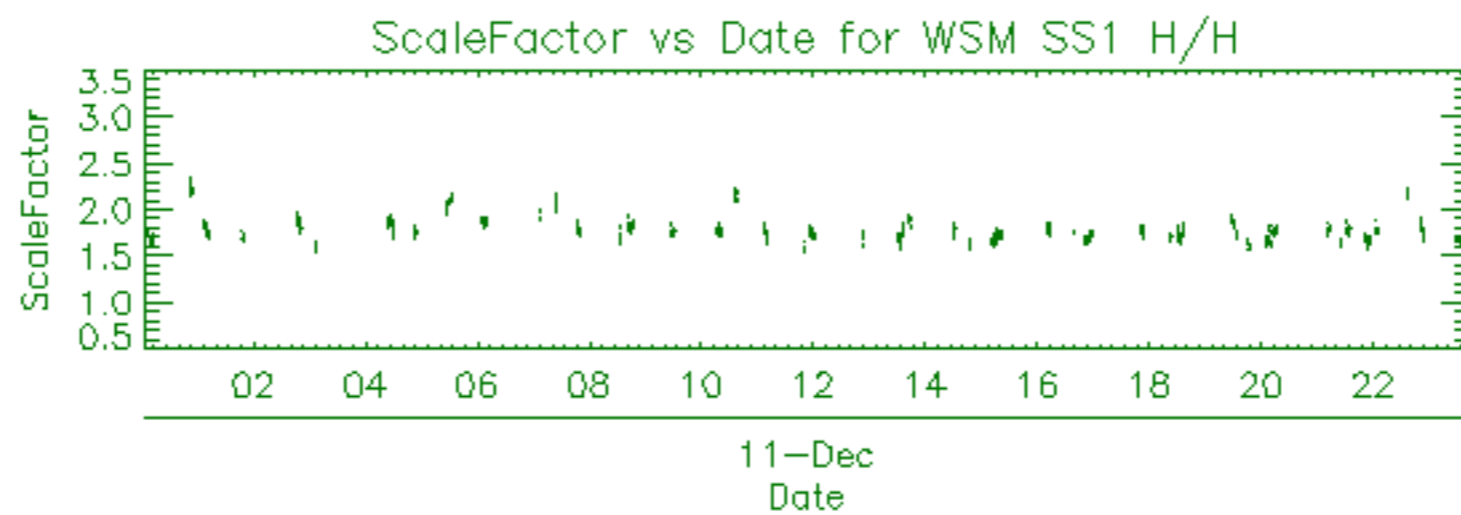


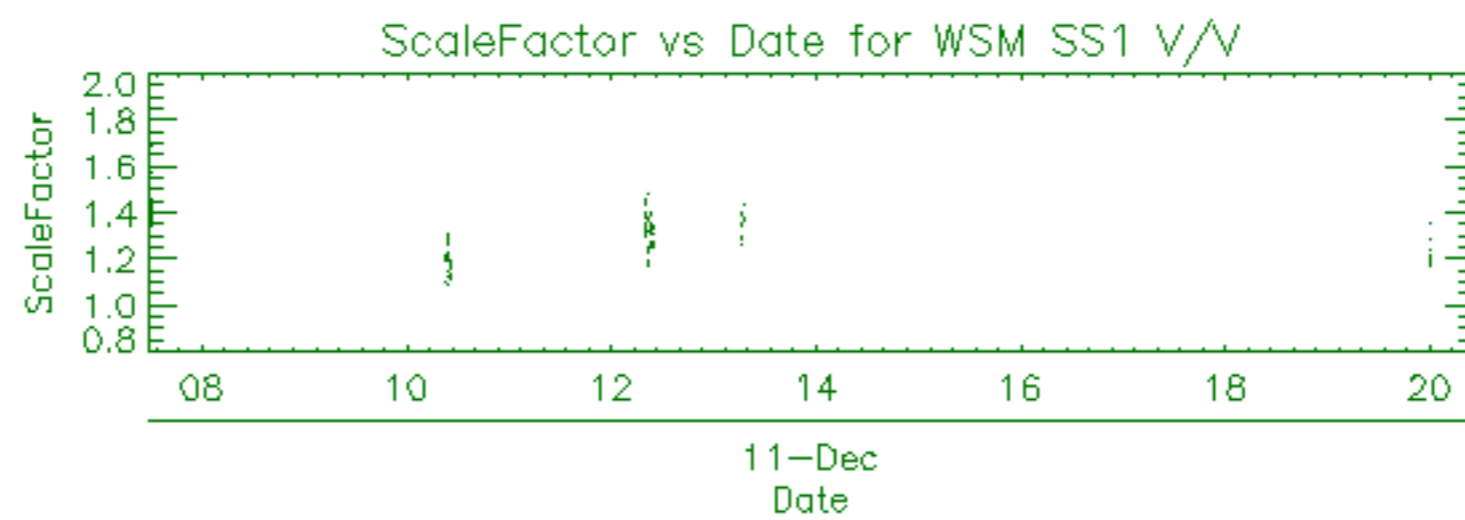












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20111211_022002_000000573109_00276_51152_8205.N1						IS3	H/H	109	51152	276	5.04
ASA_APM_1PNPDE20111211_035154_000000723109_00277_51153_8203.N1						IS4	H/H	109	51153	277	5.04
ASA_APM_1PNPDE20111211_071950_000001633109_00279_51155_8291.N1						IS1	V/V	109	51155	279	5.04
ASA_APM_1PNPDE20111211_140120_000000843109_00283_51159_8402.N1						IS6	V/H	109	51159	283	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20111211_000708_000001383109_00275_51151_8177.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_001308_000005553109_00275_51151_8180.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_003844_000001143109_00275_51151_8179.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_004132_000003503109_00275_51151_8182.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8185.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8187.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_005505_000006893109_00275_51151_8190.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_012223_000003383109_00275_51151_8207.N1						SS1	H/H	109	51151	275	5.04
ASA_GM1_1PNPDE20111211_014106_000003623109_00276_51152_8208.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_015043_000009913109_00276_51152_8227.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_020836_000002053109_00276_51152_8226.N1						SS1	H/H	109	51152	276	5.04
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ASA_GM1_1PNPDE20111211_023519_000006283109_00276_51152_8220.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_025637_000001323109_00276_51152_8221.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_025856_000003923109_00276_51152_8219.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_030705_000002593109_00276_51152_8218.N1						SS1	H/H	109	51152	276	5.04
ASA_GM1_1PNPDE20111211_031708_000001323109_00277_51153_8217.N1						SS1	H/H	109	51153	277	5.04
ASA_GM1_1PNPDE20111211_032213_000001143109_00277_51153_8216.N1						SS1	H/H	109	51153	277	5.04
ASA_GM1_1PNPDE20111211_032922_000010333109_00277_51153_8214.N1						SS1	H/H	109	51153	277	5.04
ASA_GM1_1PNPDE20111211_034953_000001203109_00277_51153_8211.N1						SS1	H/H	109	51153	277	5.04
ASA_GM1_1PNPDE20111211_041532_000005193109_00277_51153_8259.N1						SS1	H/H	109	51153	277	5.04
ASA_GM1_1PNPDE20111211_045507_000005613109_00278_51154_8260.N1						SS1	H/H	109	51154	278	5.04
ASA_GM1_1PNPDE20111211_050747_000011303109_00278_51154_8262.N1						SS1	H/H	109	51154	278	5.04
ASA_GM1_1PNPDE20111211_055549_000004593109_00278_51154_8293.N1						SS1	H/H	109	51154	278	5.04
ASA_GM1_1PNPDE20111211_061006_000000963109_00278_51154_8295.N1						SS1	H/H	109	51154	278	5.04
ASA_GM1_1PNPDE20111211_064524_000008583109_00279_51155_8304.N1						SS1	H/H	109	51155	279	5.04
ASA_GM1_1PNPDE20111211_070401_000000783109_00279_51155_8302.N1						SS1	H/H	109	51155	279	5.04
ASA_GM1_1PNPDE20111211_070901_000006283109_00279_51155_8303.N1						SS1	H/H	109	51155	279	5.04
ASA_GM1_1PNPDE20111211_072548_000001753109_00279_51155_8306.N1						SS1	H/H	109	51155	279	5.04
ASA_GM1_1PNPDK20111211_073601_000006223109_00279_51155_3609.N1						SS1	H/H	109	51155	279	5.04
ASA_GM1_1PNPDK20111211_082512_000004163109_00280_51156_3608.N1						SS1	H/H	109	51156	280	5.04
ASA_GM1_1PNPDK20111211_083427_000002113109_00280_51156_3611.N1						SS1	H/H	109	51156	280	5.04
ASA_GM1_1PNPDK20111211_083645_000001503109_00280_51156_3625.N1						SS1	H/H	109	51156	280	5.04
ASA_GM1_1PNPDK20111211_085014_000001573109_00280_51156_3626.N1						SS1	H/H	109	51156	280	5.04
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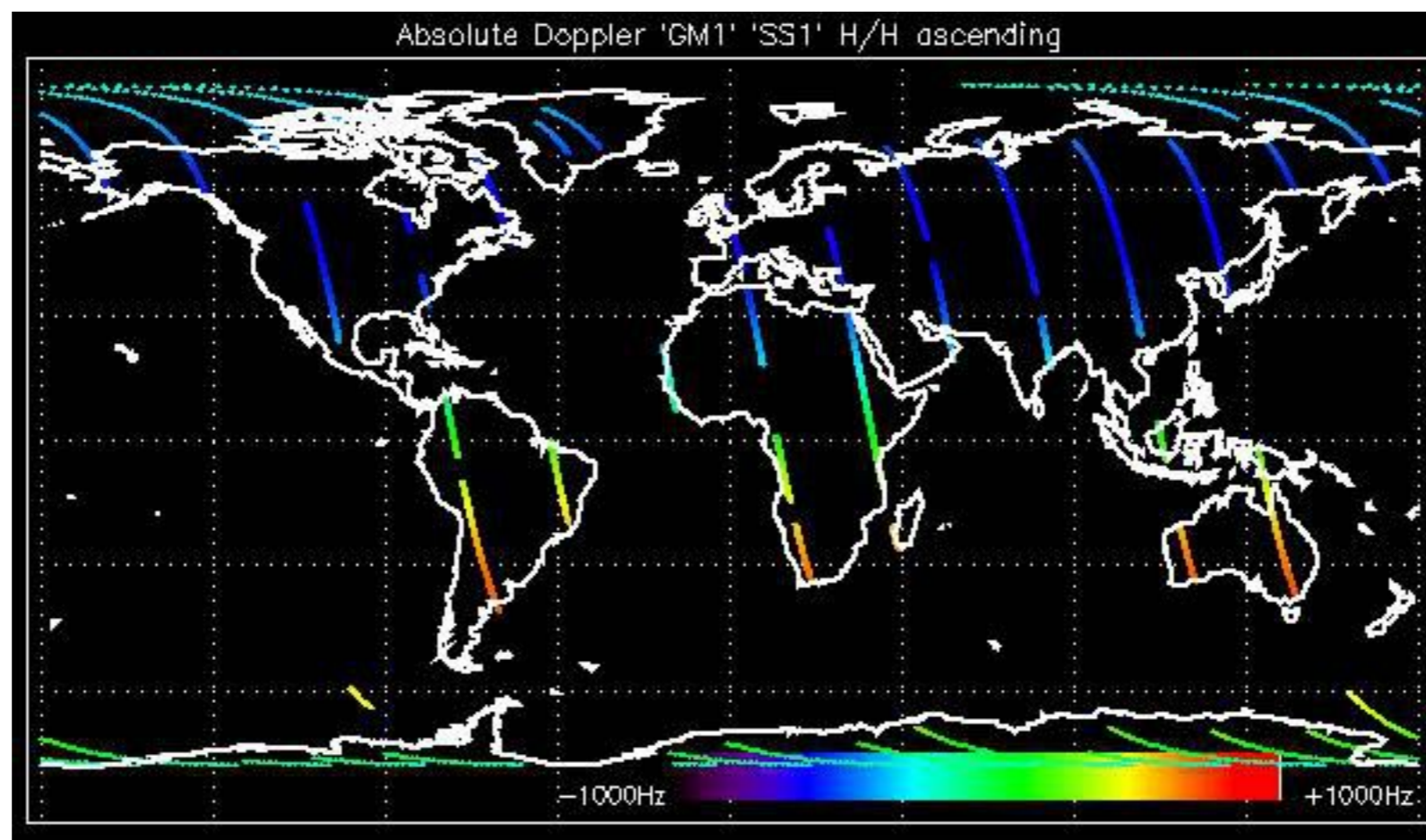
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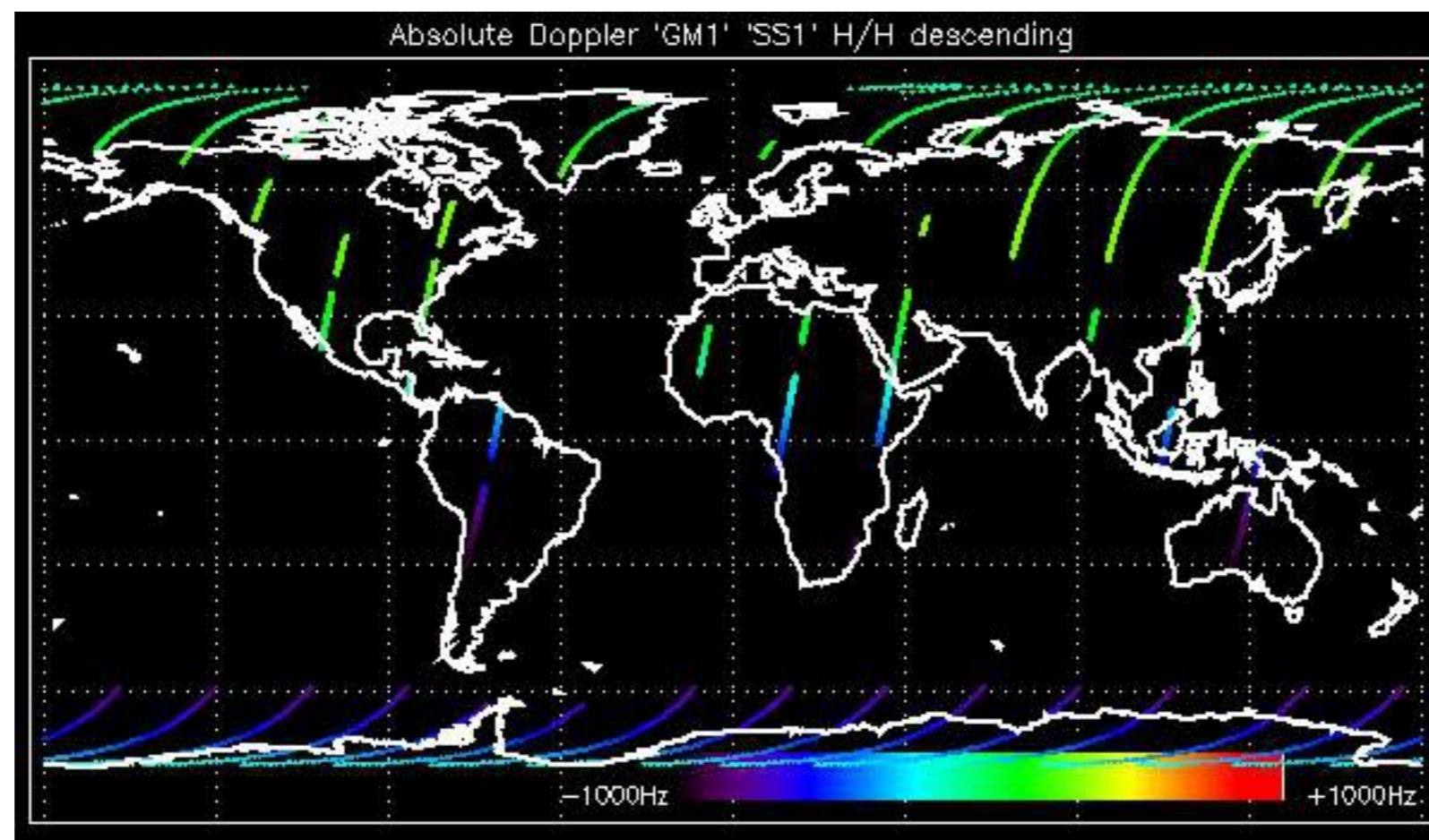
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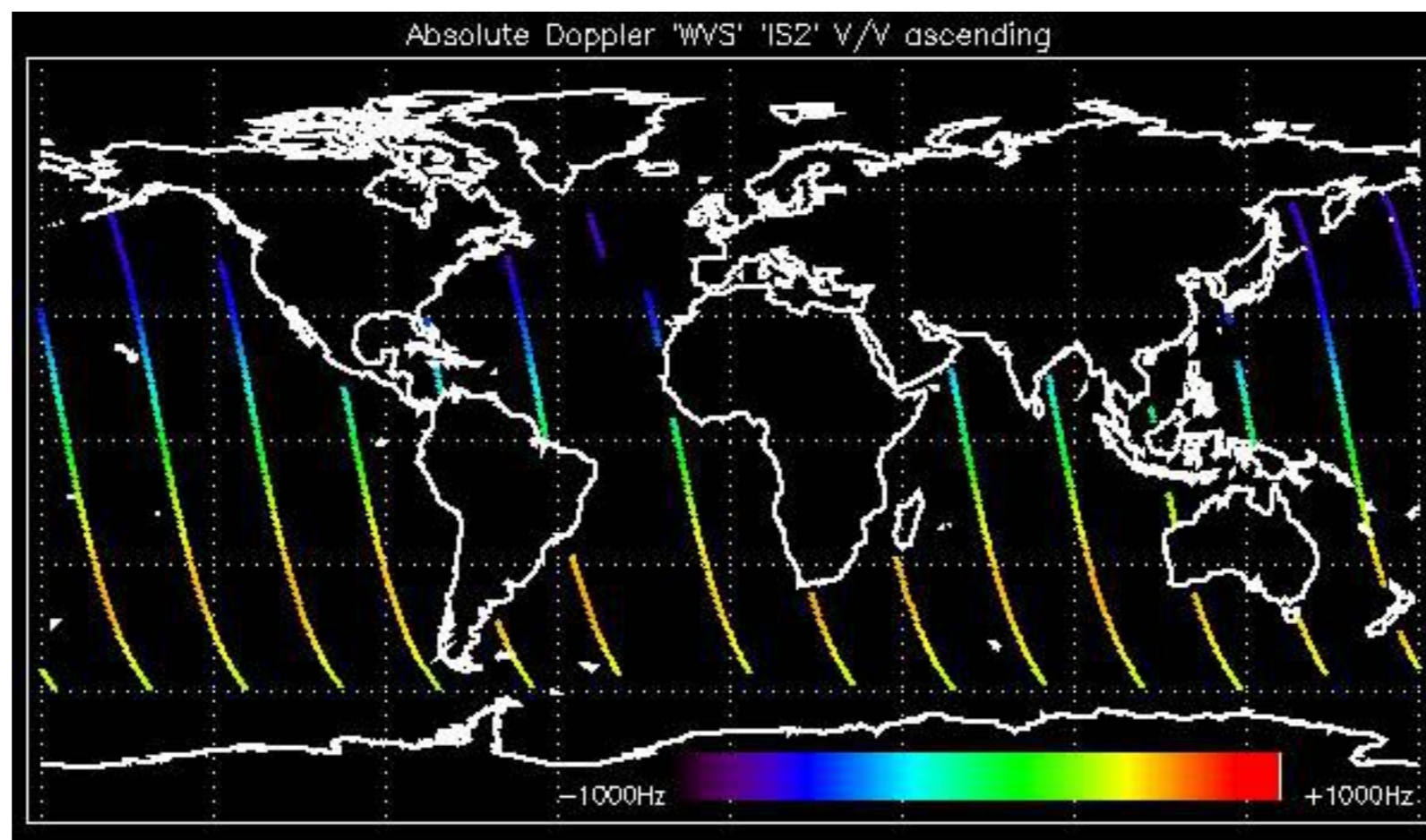
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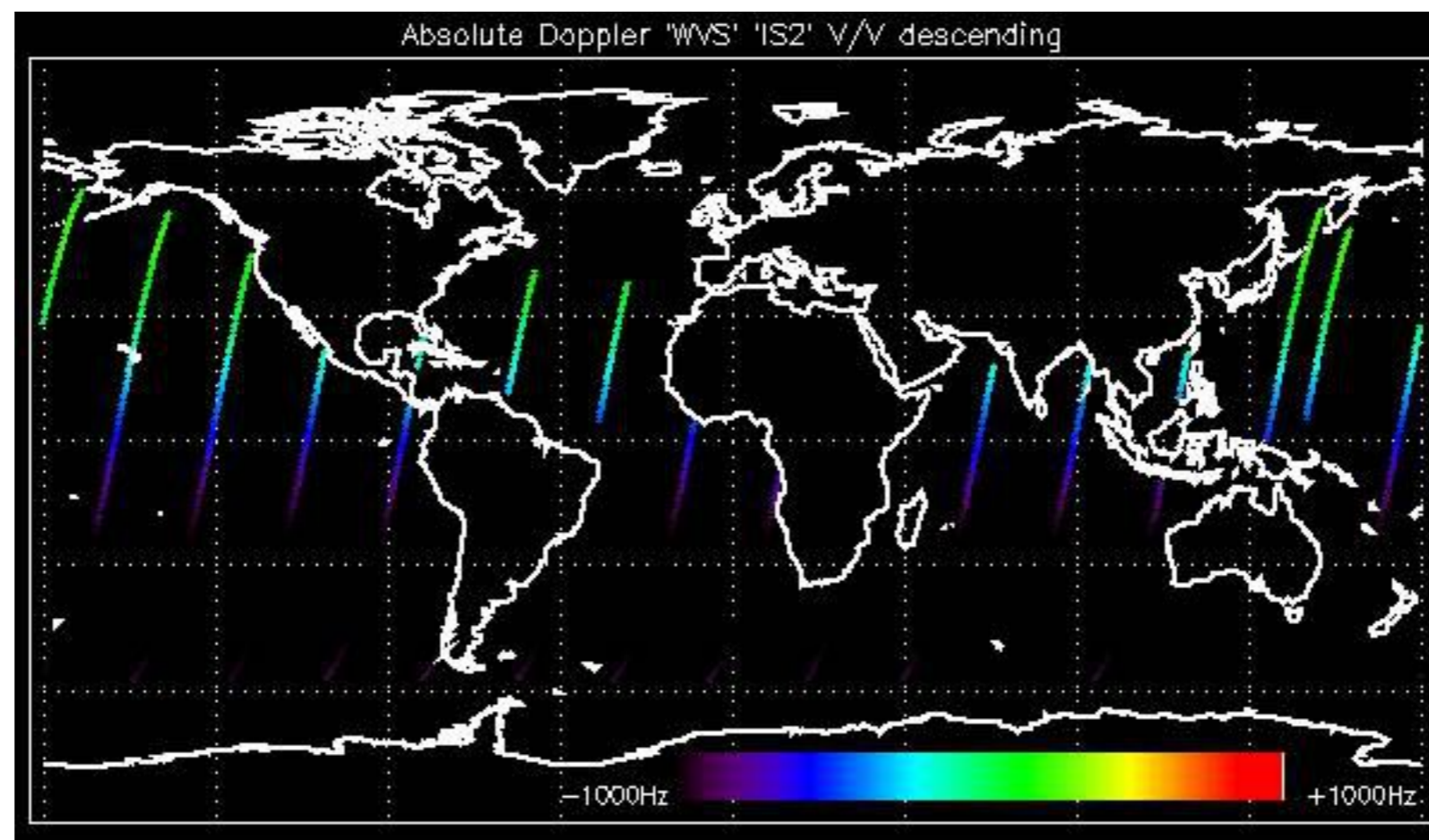
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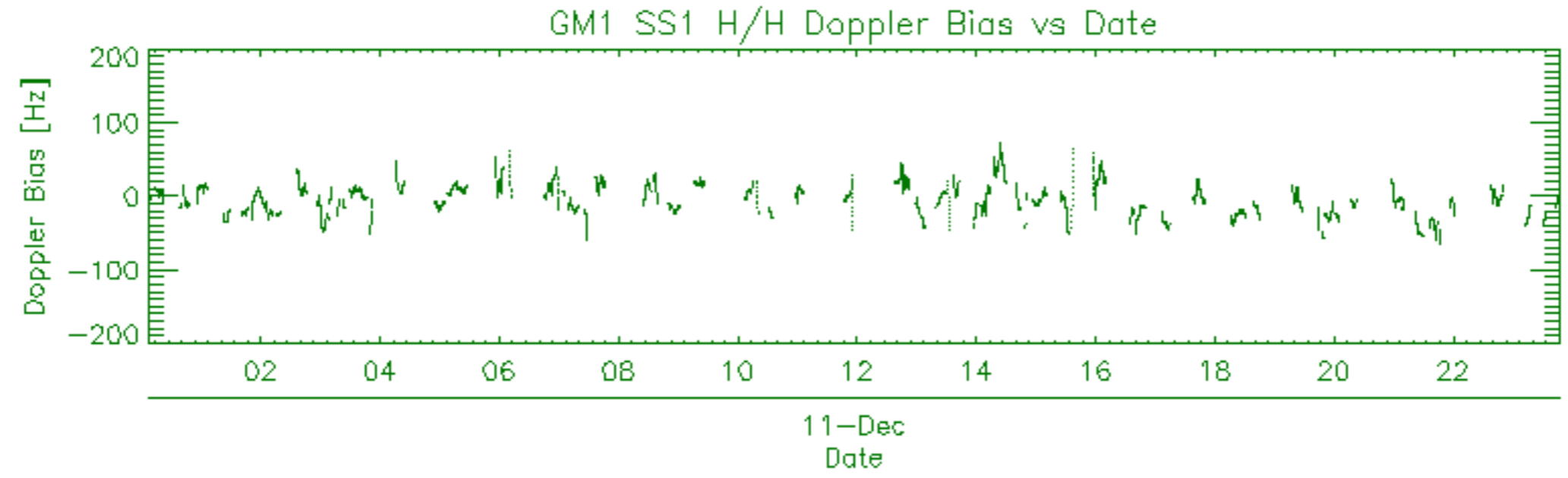
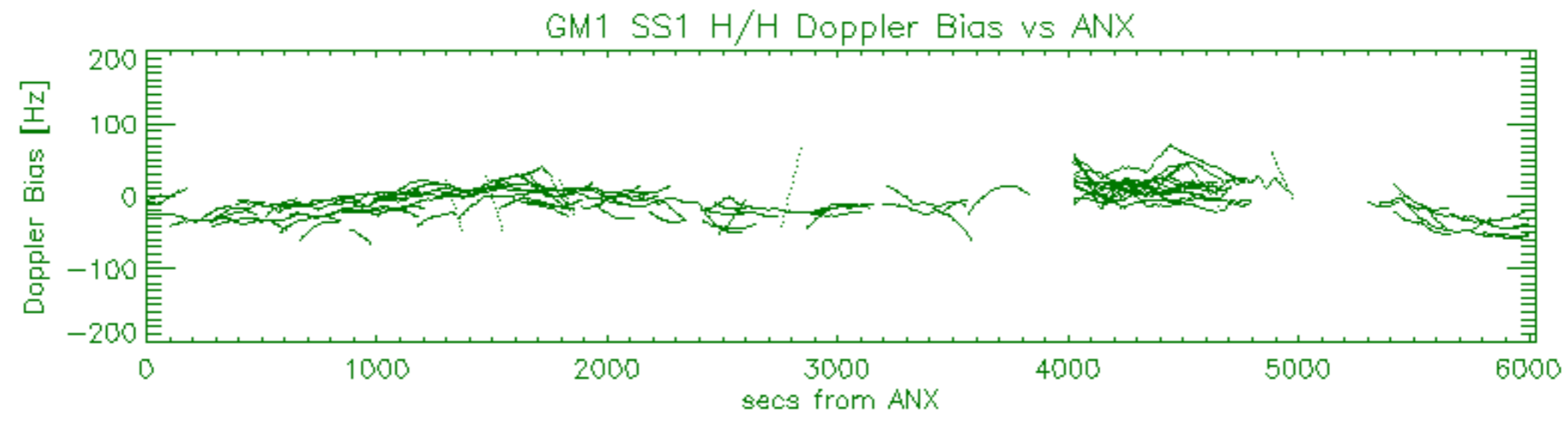
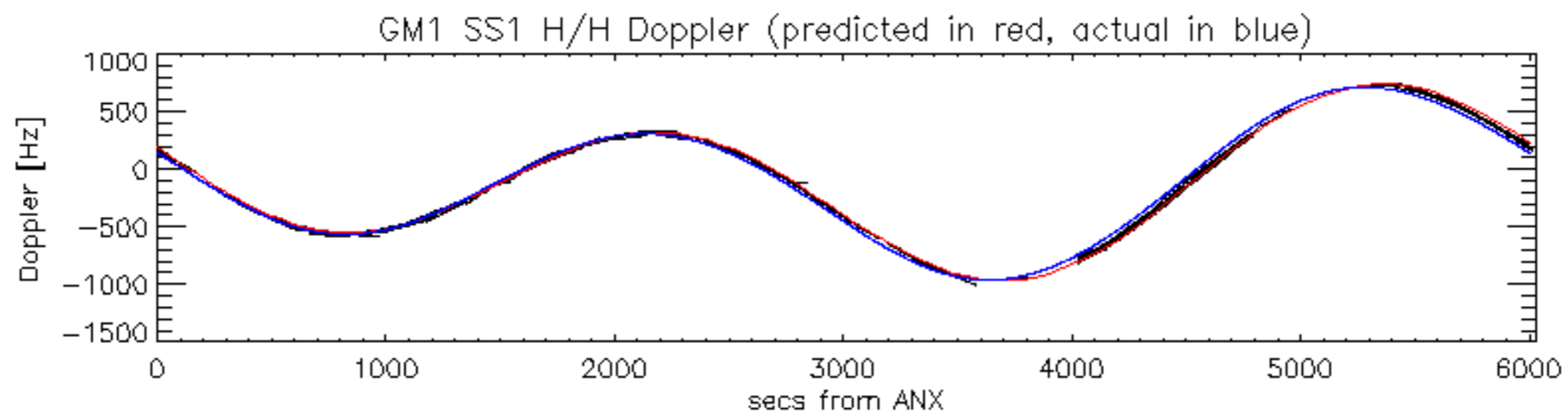
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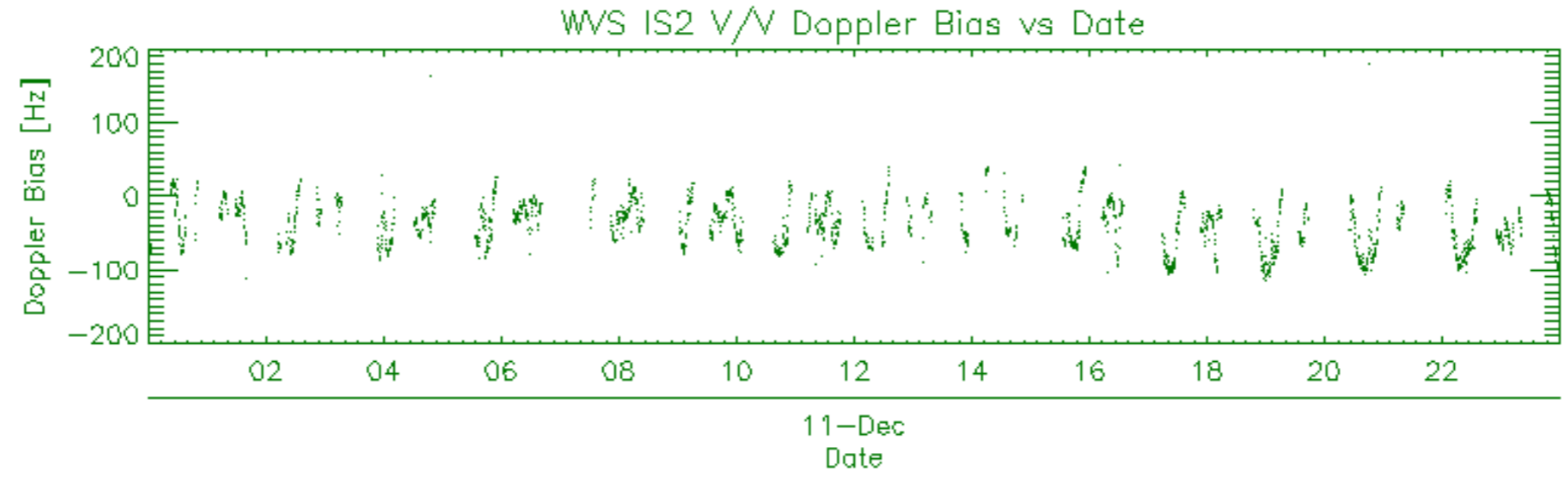
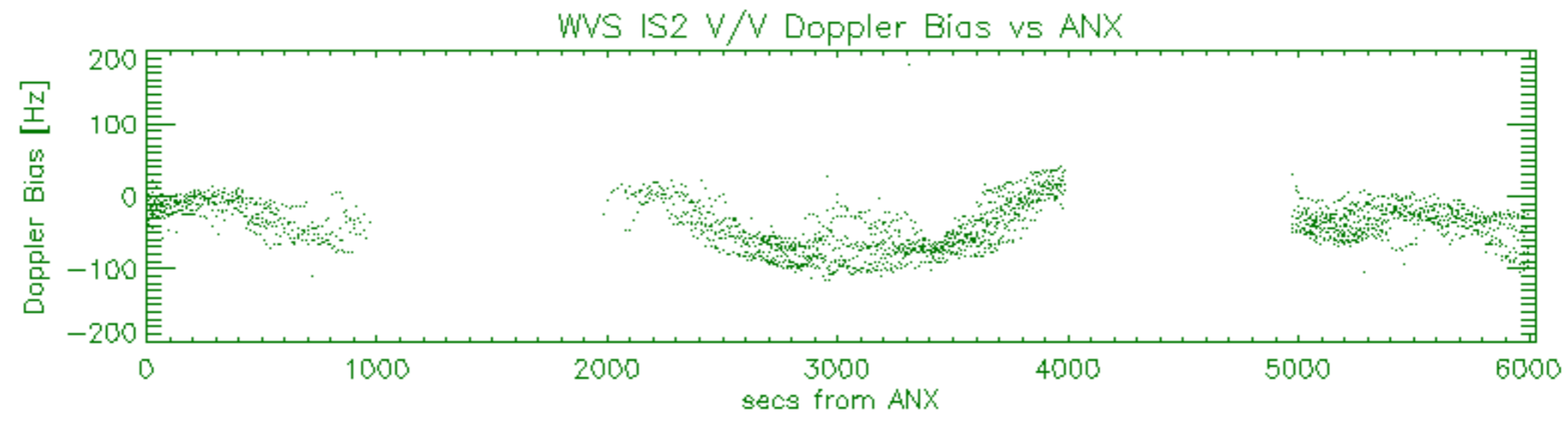
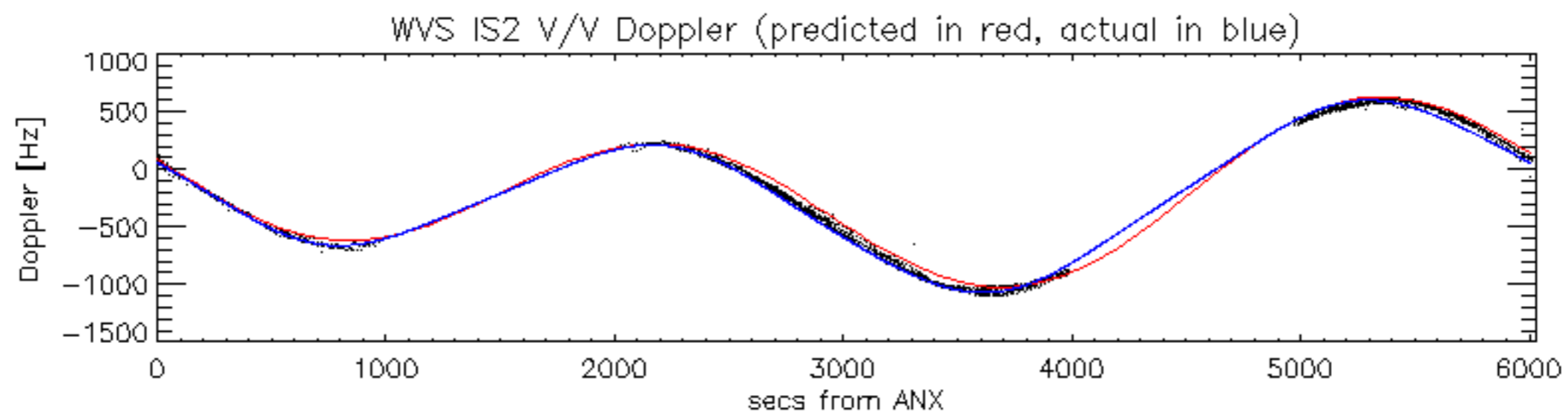


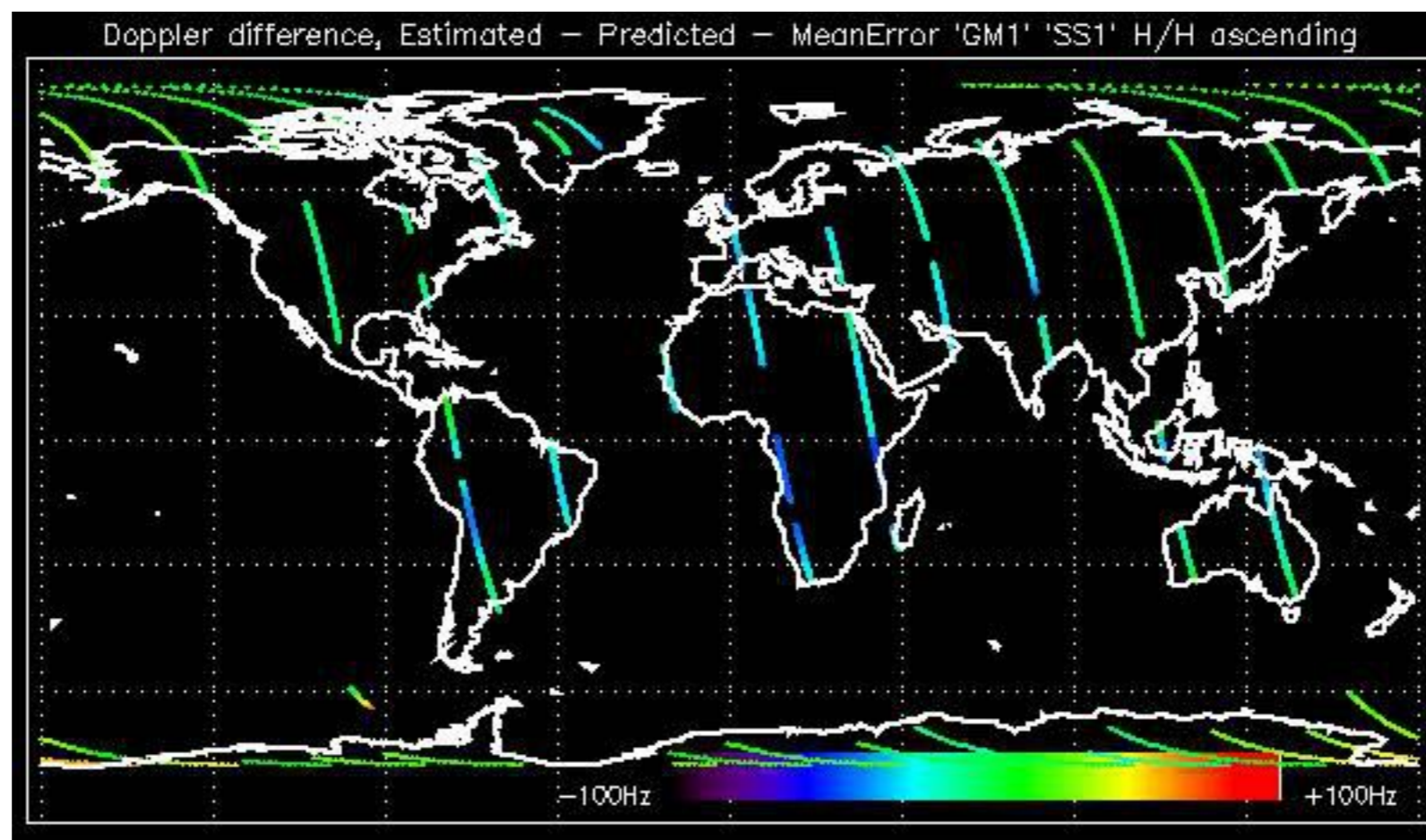


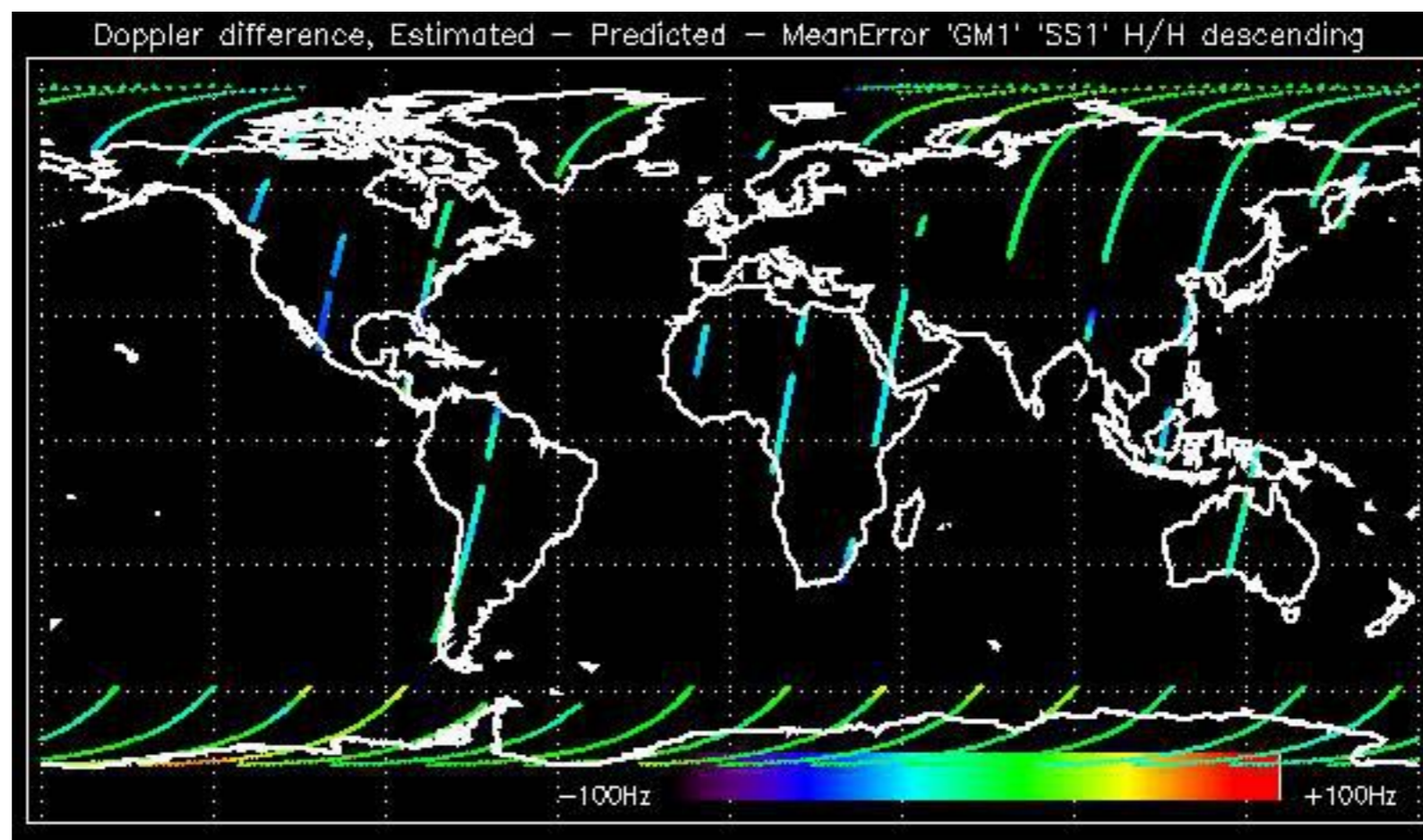


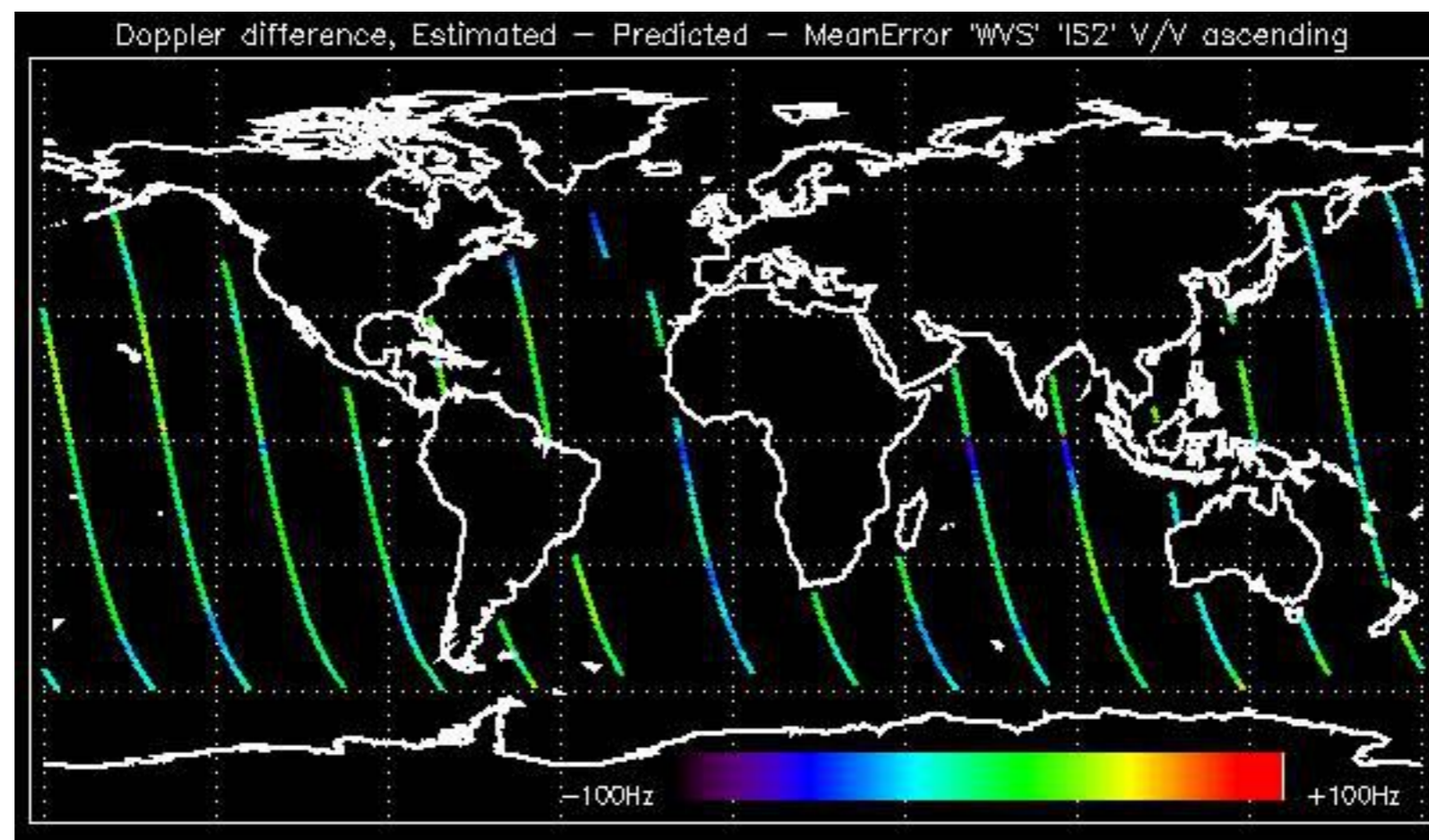


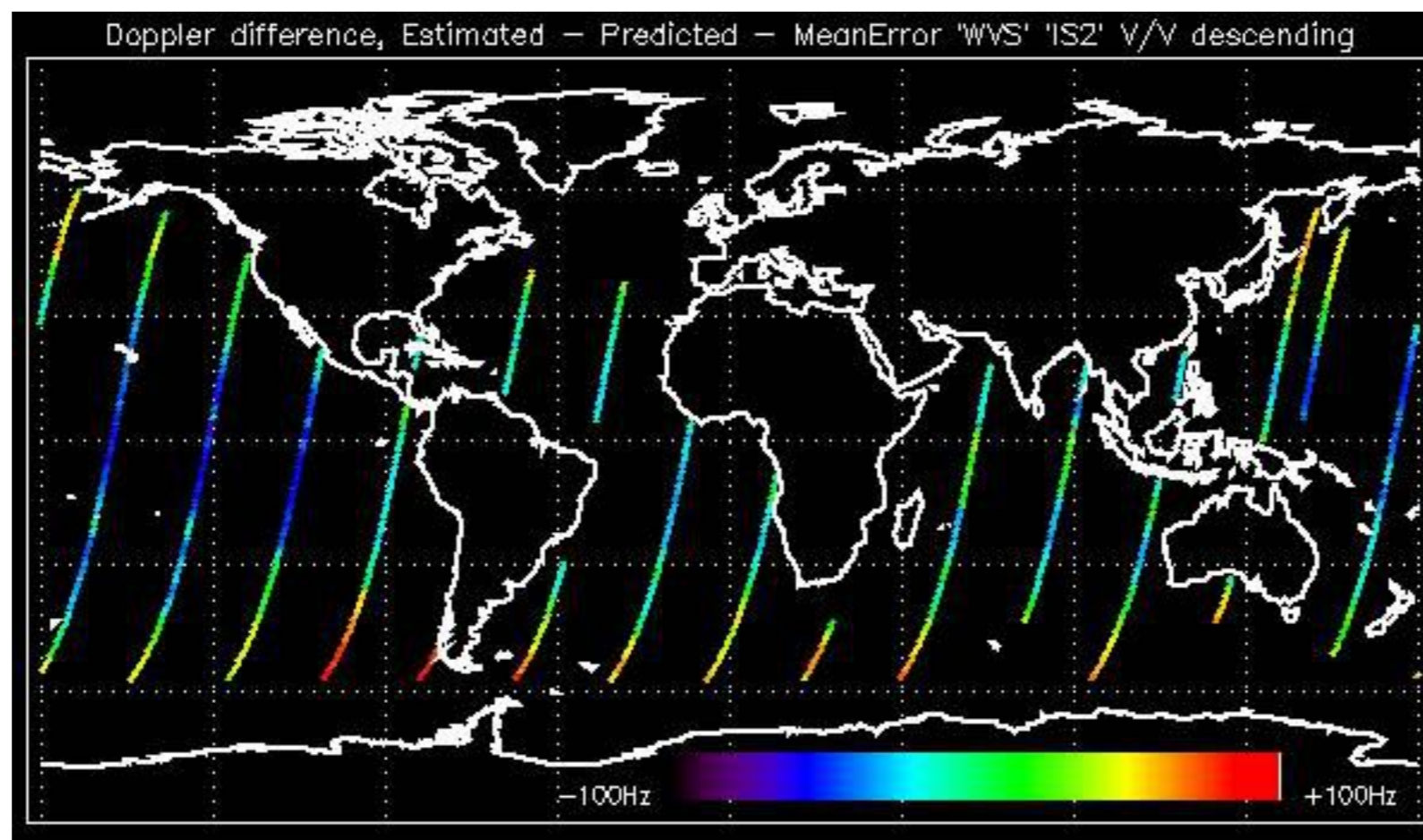


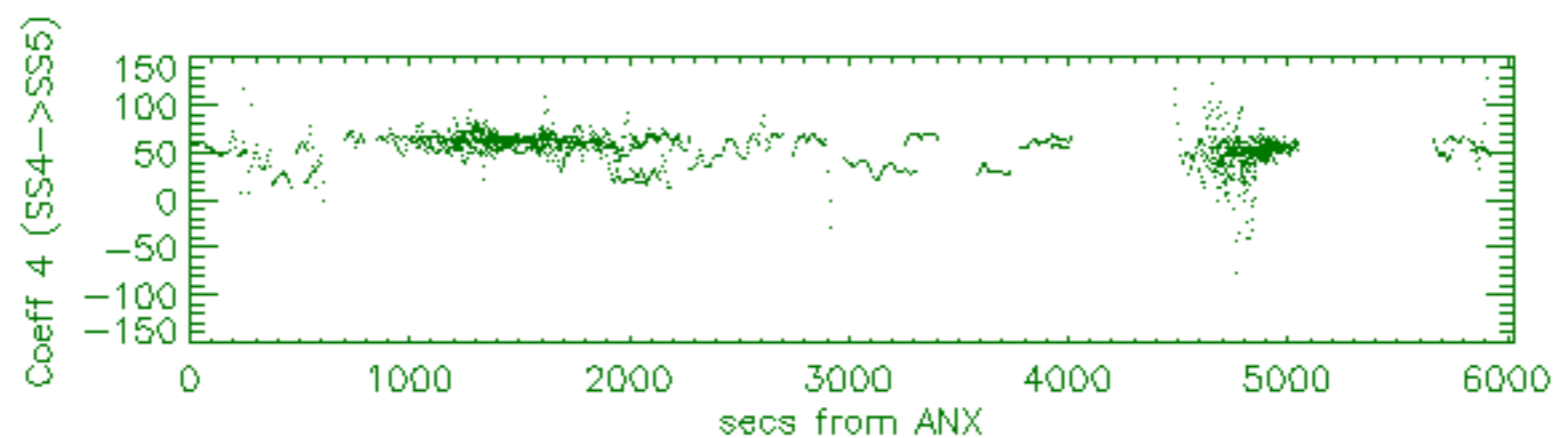
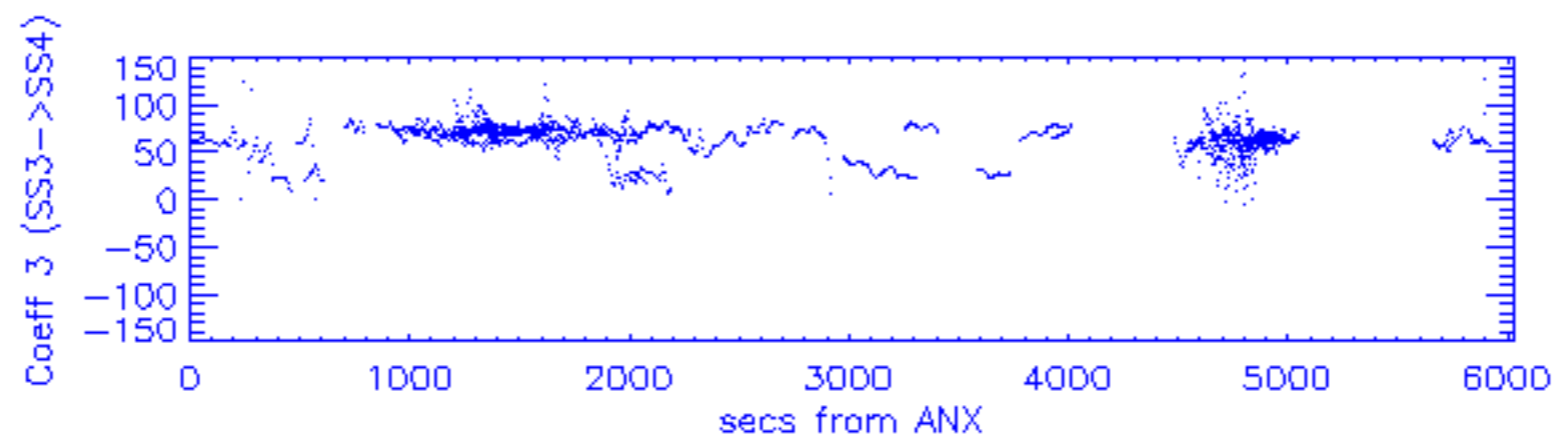
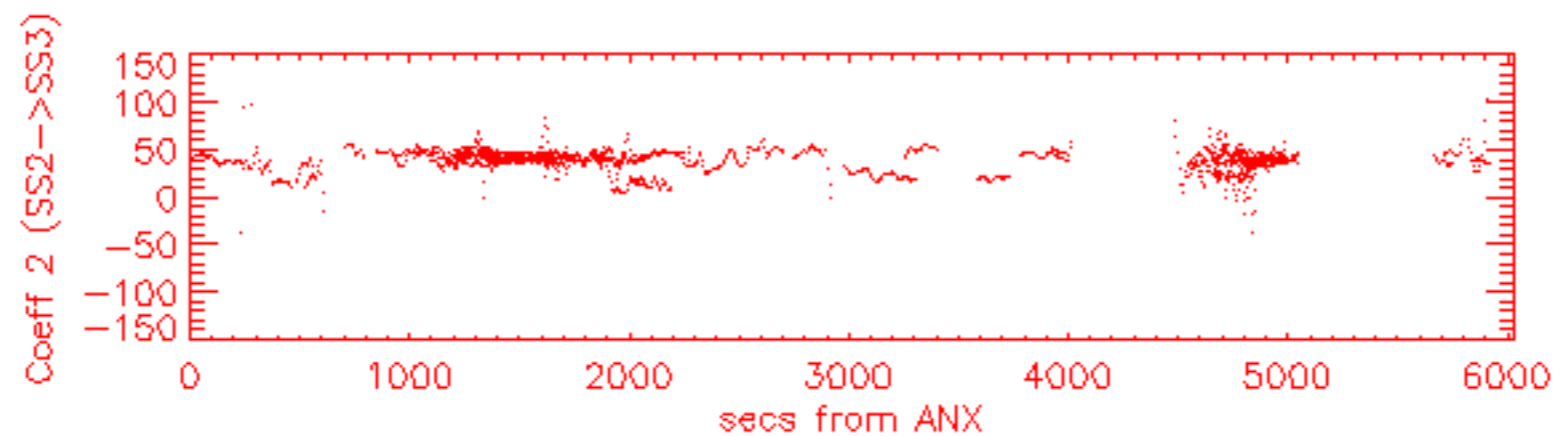
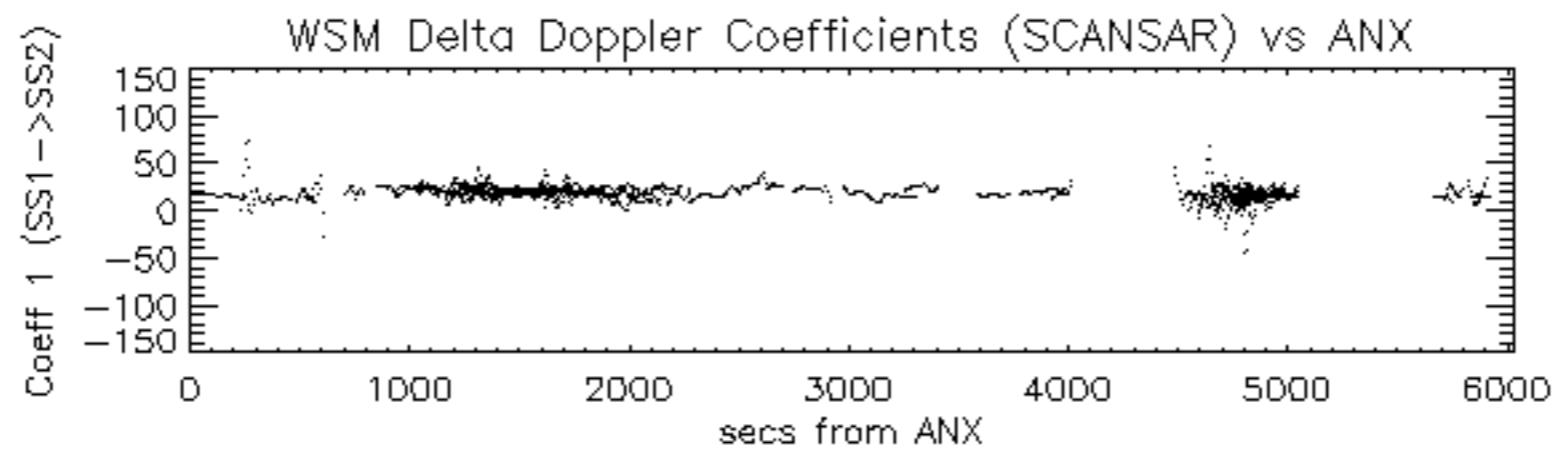


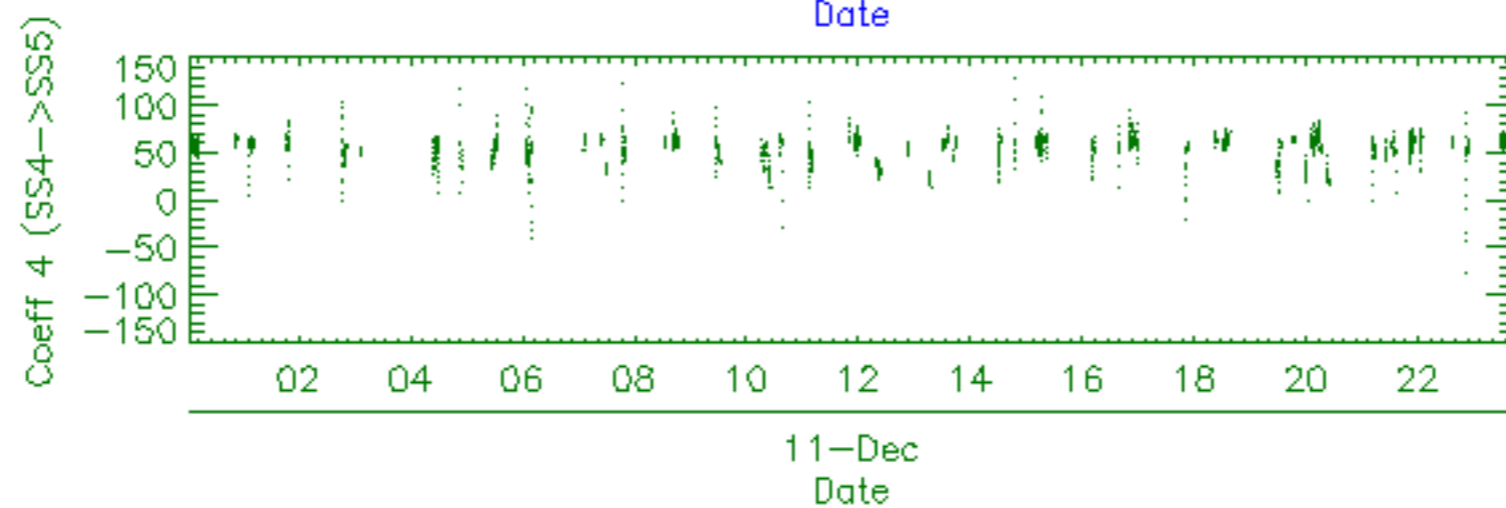
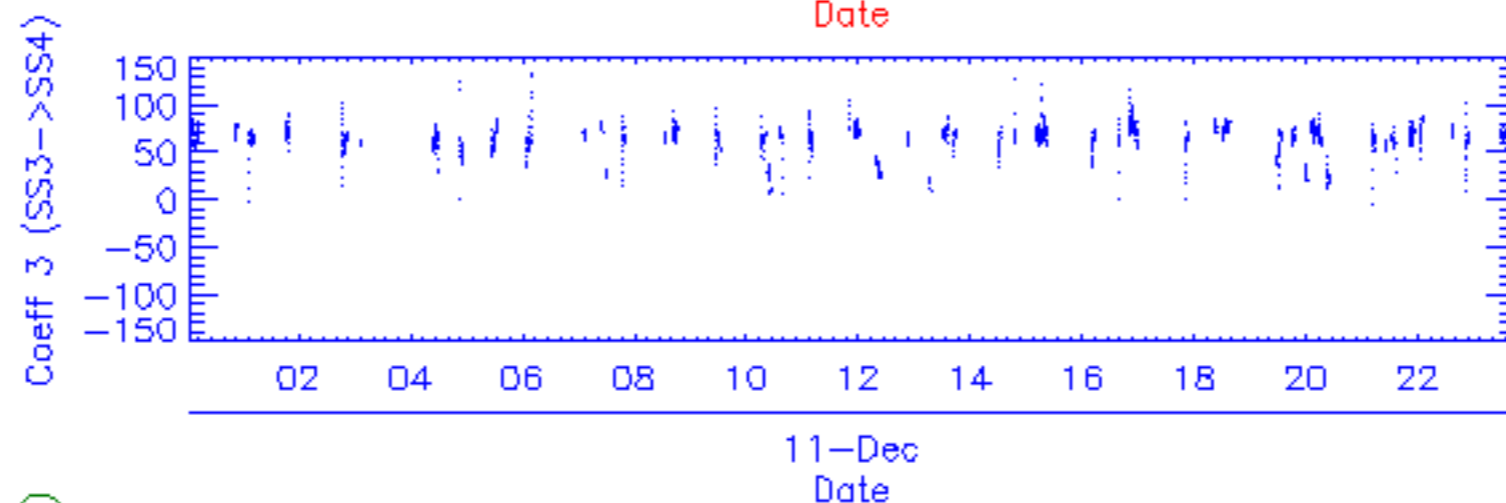
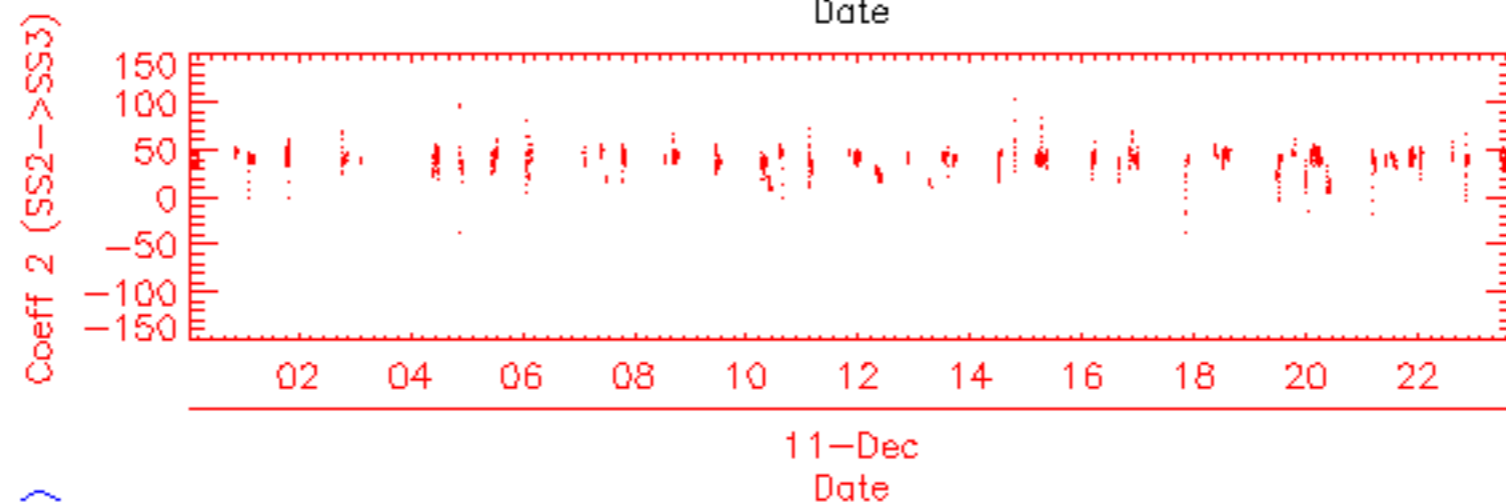
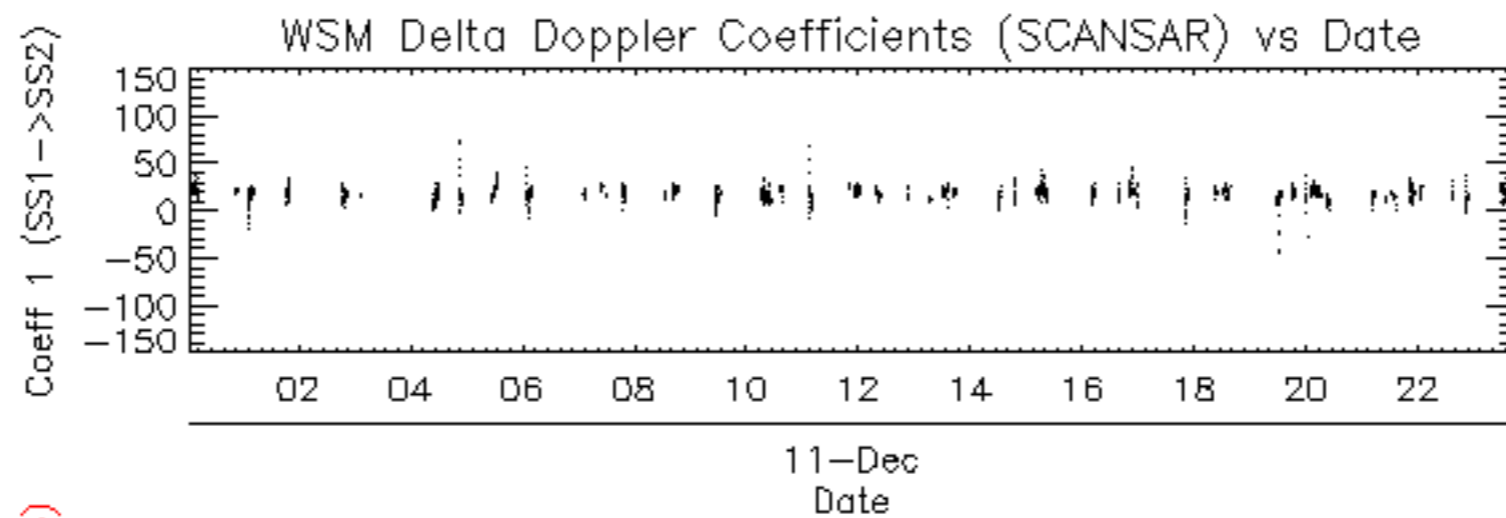


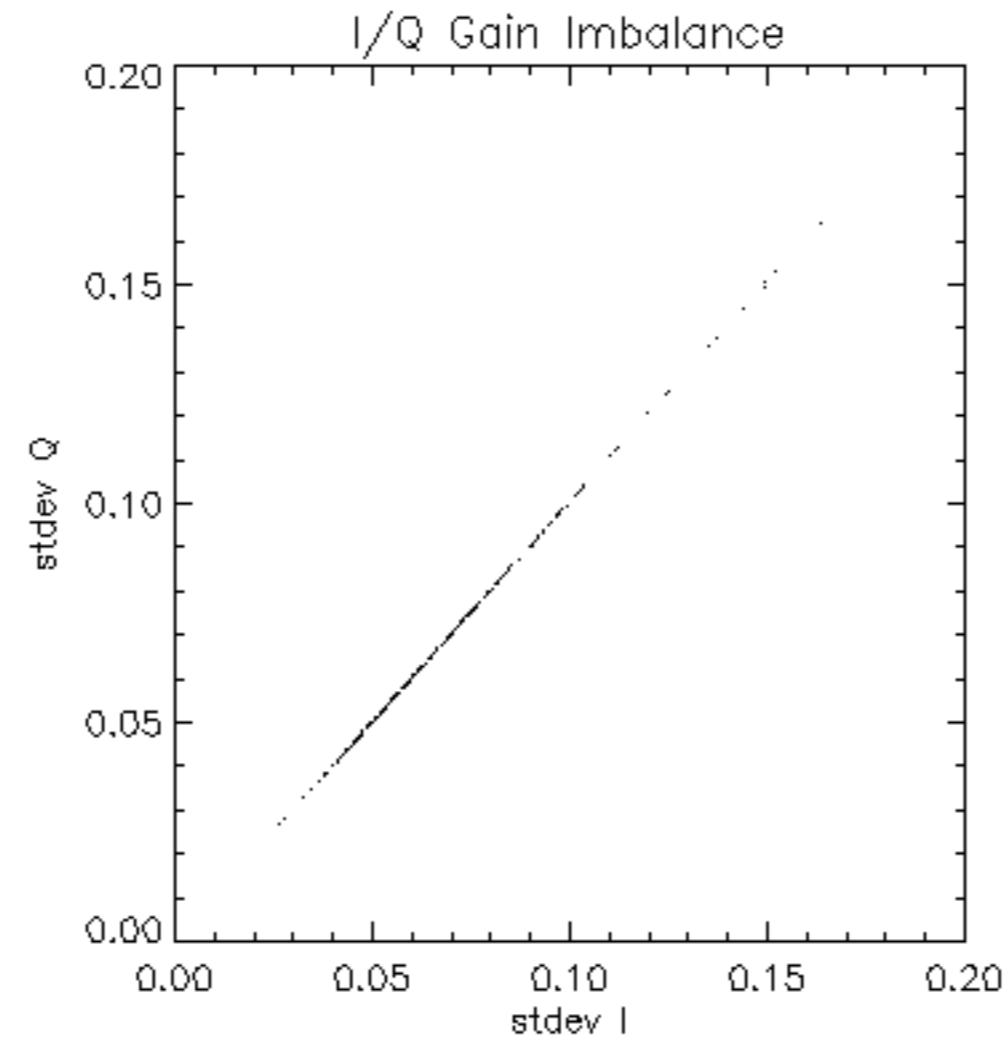


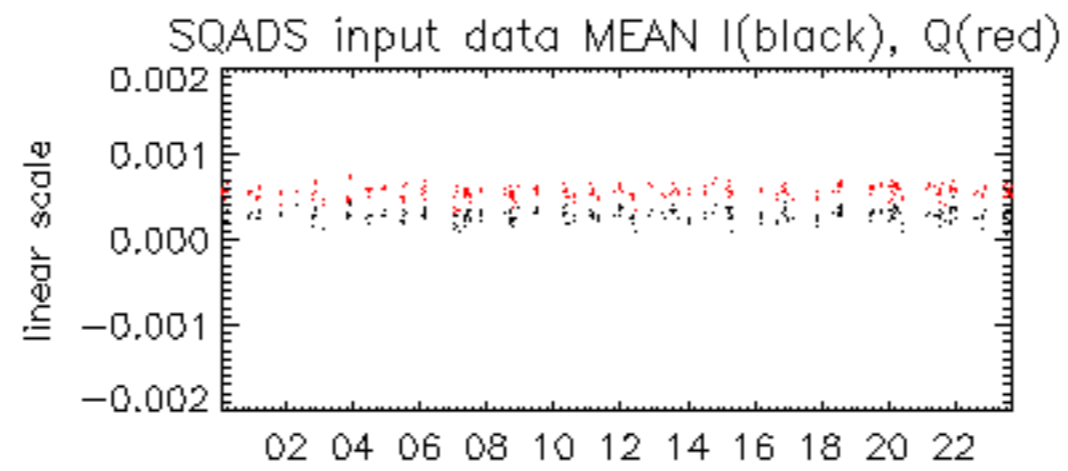




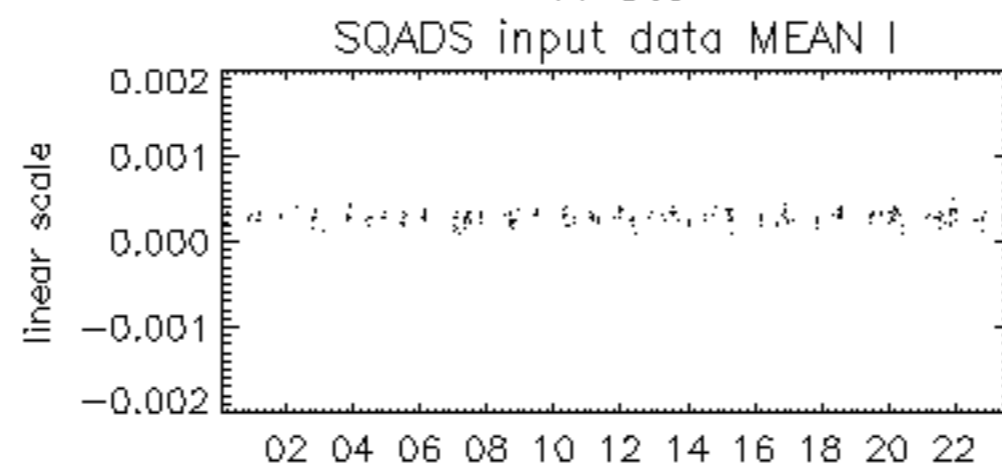




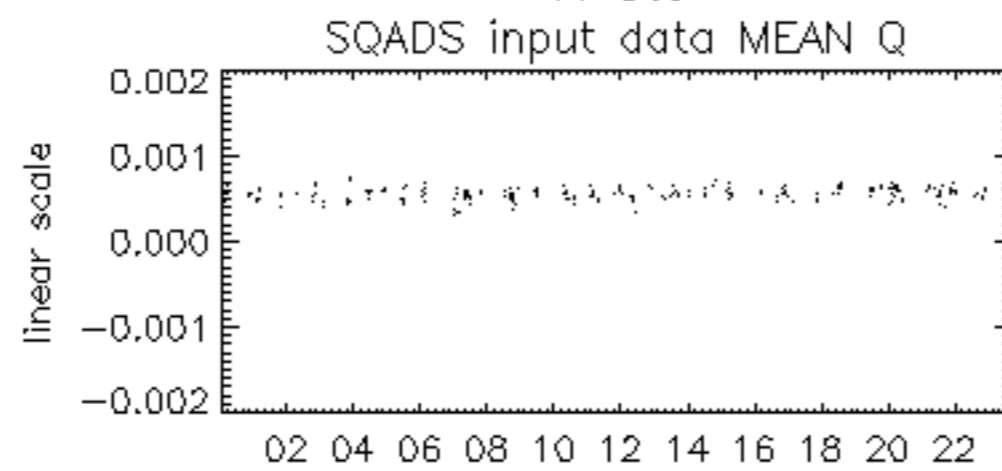




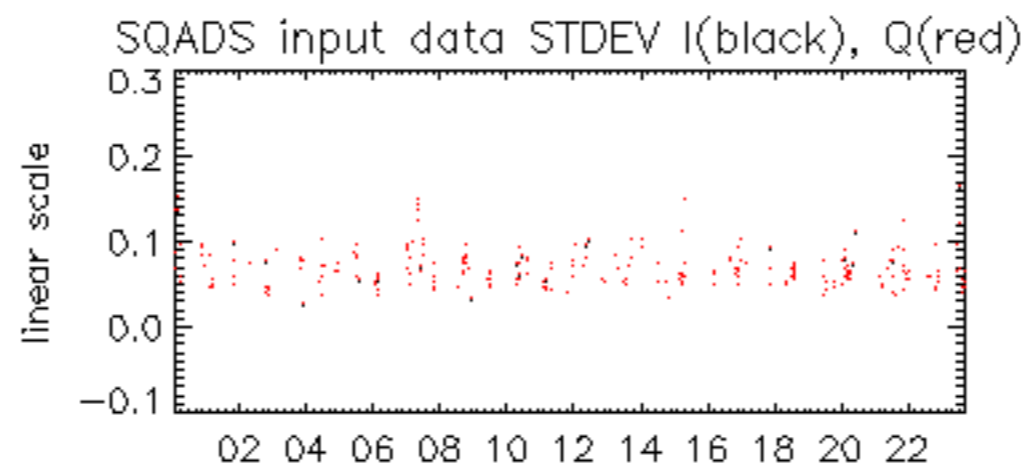
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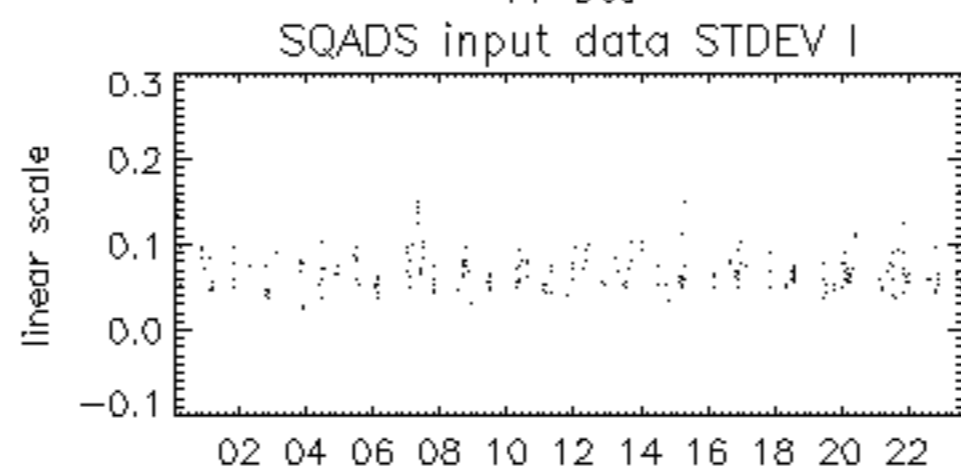
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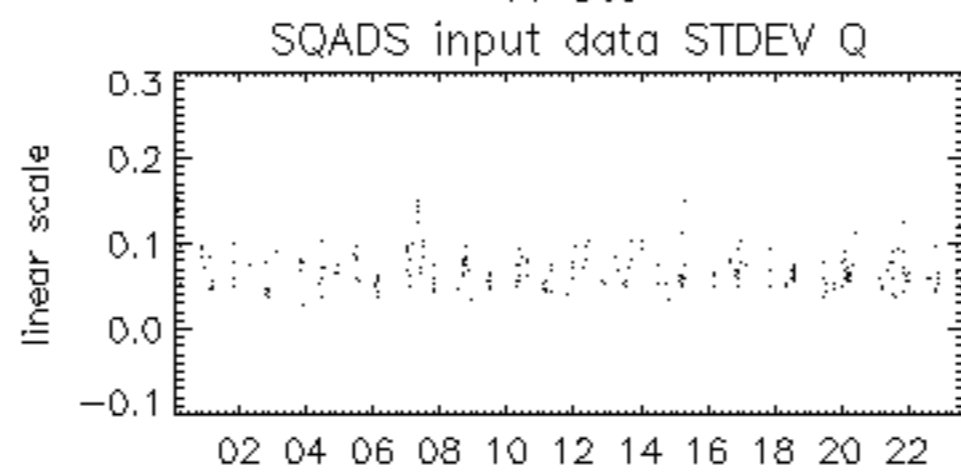
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