



Analysis from 15-JAN-2010 00:00:00 to 15-JAN-2010 23:59:59. Page generated on 16-JAN-2010 08:34:32.
View log file: ASAR_Daily_Report_20100116_0831.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	IS1	V/V	2	PDE	WS	H/H	23	PDE	IS1	H/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	22	PDK	2010-01-15 05:54:57	V	320
PDE	IS2	V/V	20	PDK	WS	H/H	49					PDE	IS2	H/H	1	PDE	WS	V/V	9				
PDK	IS2	V/V	25									PDE	IS2	V/V	19	PDK	WS	H/H	14				
												PDE	IS3	V/V	1	PDK	WS	V/V	3				
												PDE	IS4	V/V	1								
												PDE	IS5	H/H	1								
												PDE	IS5	V/V	2								
												PDE	IS6	H/H	2								
												PDE	IS6	V/V	2								
												PDK	IS2	H/H	1								
												PDK	IS2	V/V	3								
												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

[BACK TO MENU]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959

2.2 - Products with wrong ADFs

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

WSM	0	0	0	0
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- [TXT] [XLS] Check_ADFs_WVS
- [TXT] [XLS] Check_ADFs_GM1
- [TXT] [XLS] Check_ADFs_APM
- [TXT] [XLS] Check_ADFs_IMM
- [TXT] [XLS] Check_ADFs_WSM

3 - MODULE STEPPING PRODUCTS ANALYSIS





3.2 - H/H polarisation

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

Reference: 2005-09-22 06:26:51 H RxGain
 Test : 2010-01-14 06:26:34 H



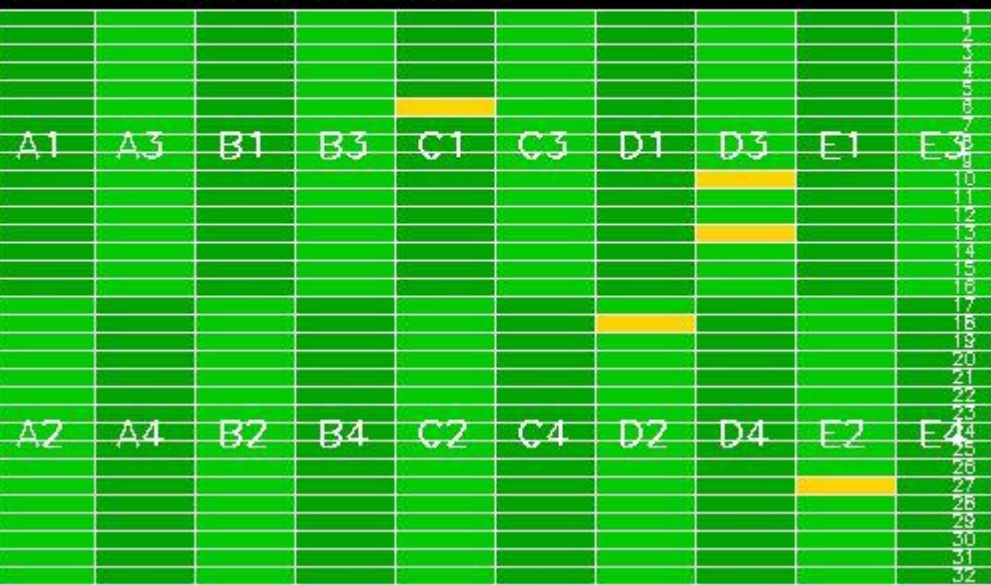
Reference: 2010-01-12 17:33:24 H RxGain
 Test : 2010-01-14 06:26:34 H

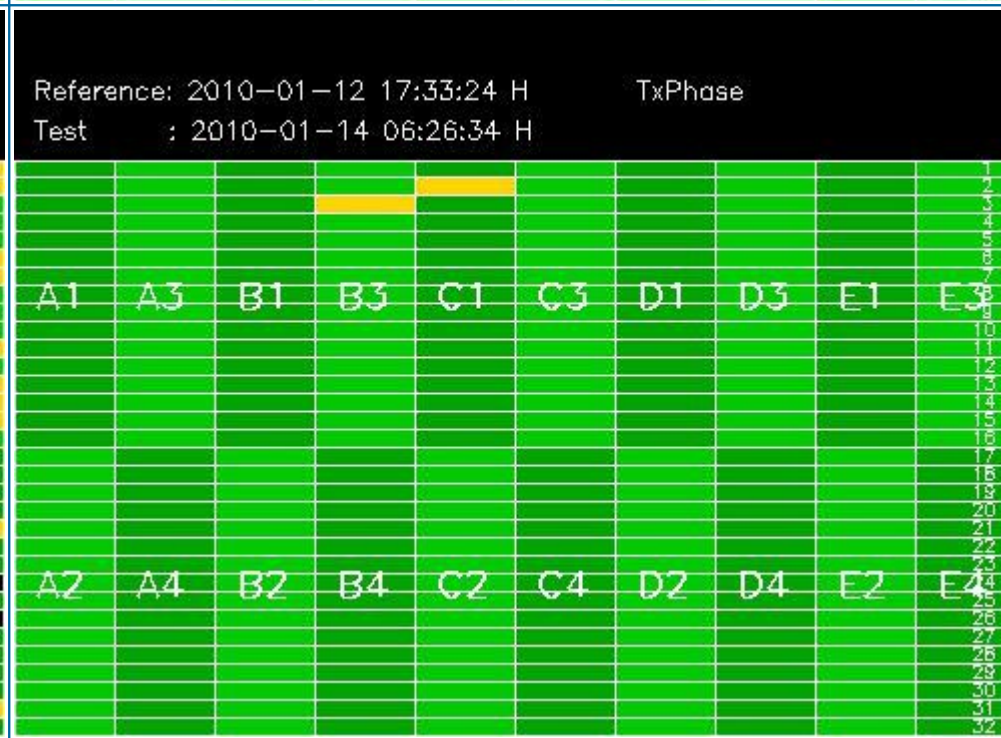
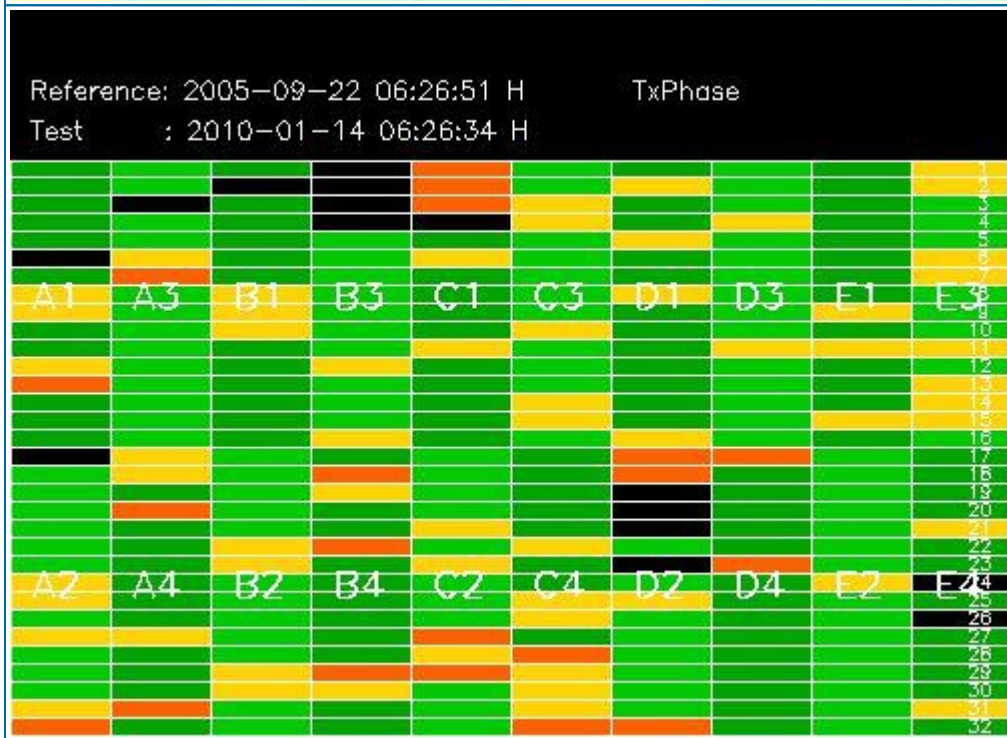
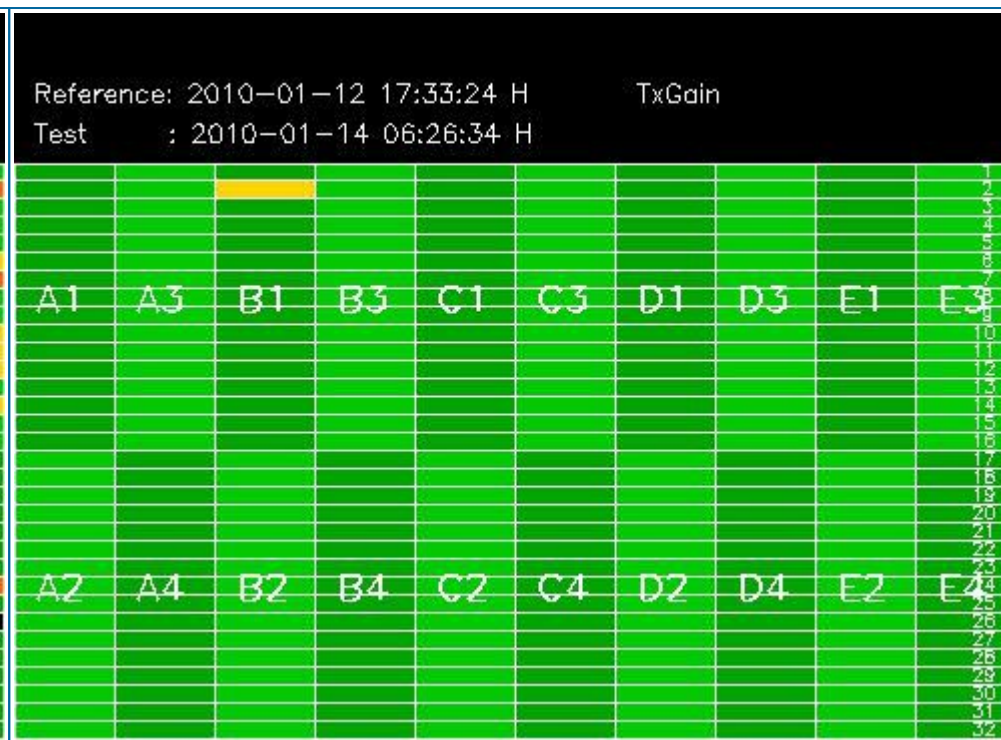
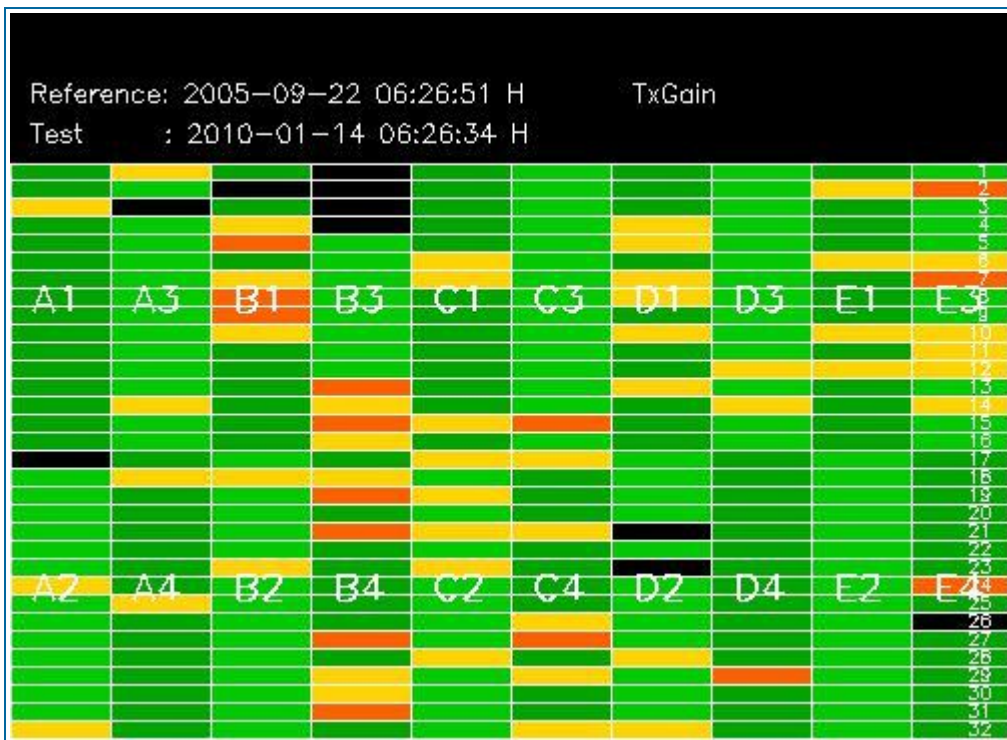


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2010-01-14 06:26:34 H



Reference: 2010-01-12 17:33:24 H RxPhase
 Test : 2010-01-14 06:26:34 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

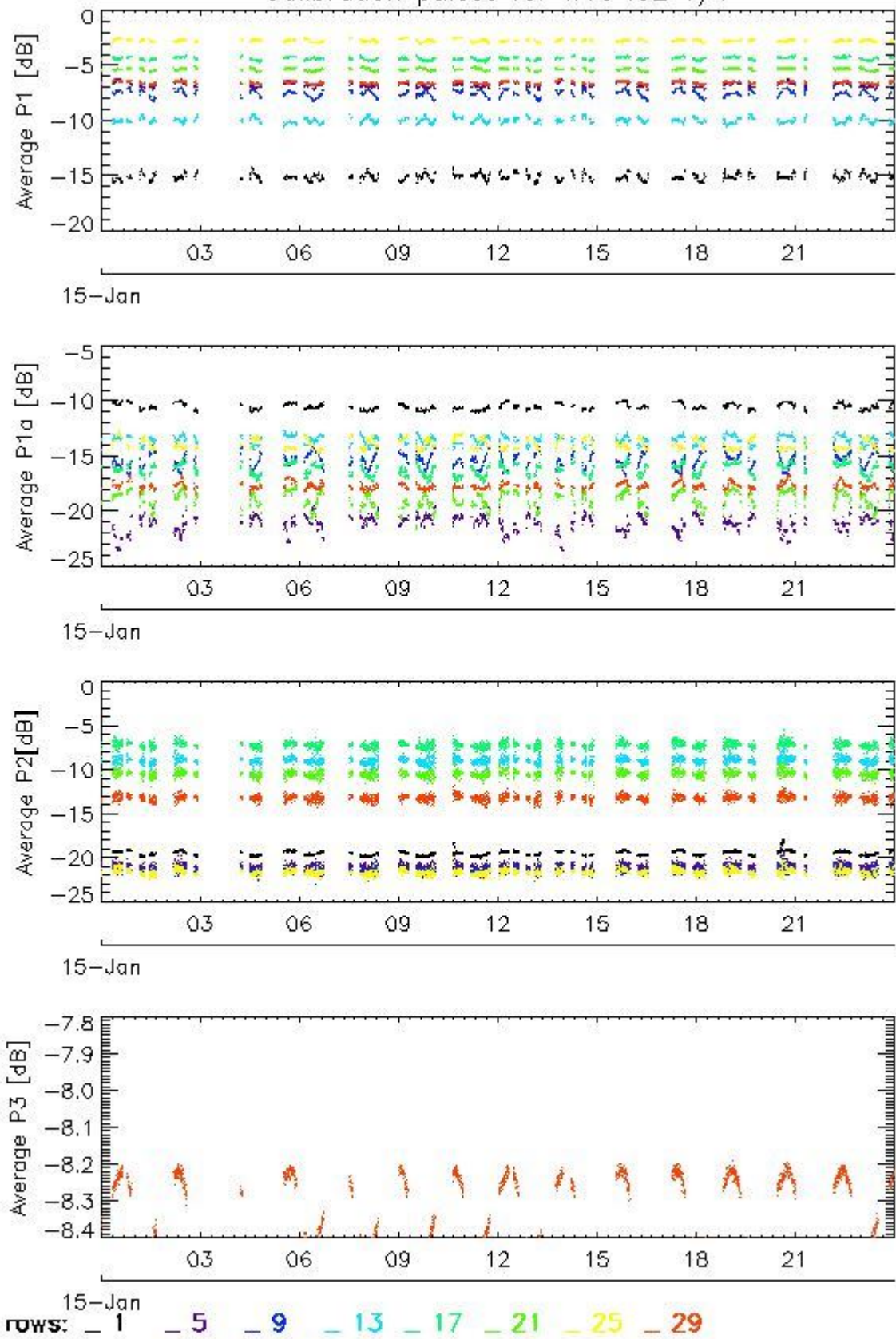
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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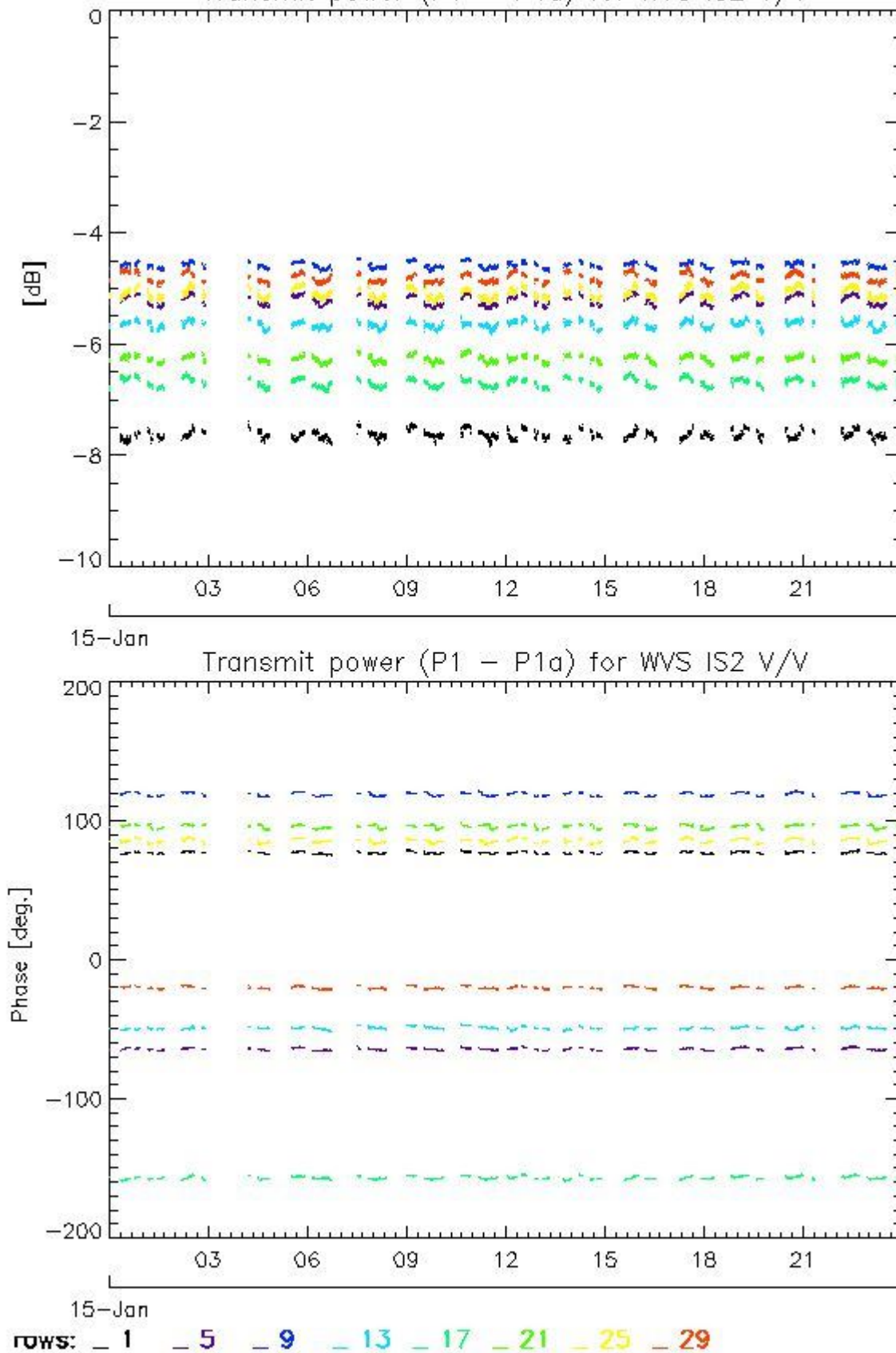
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



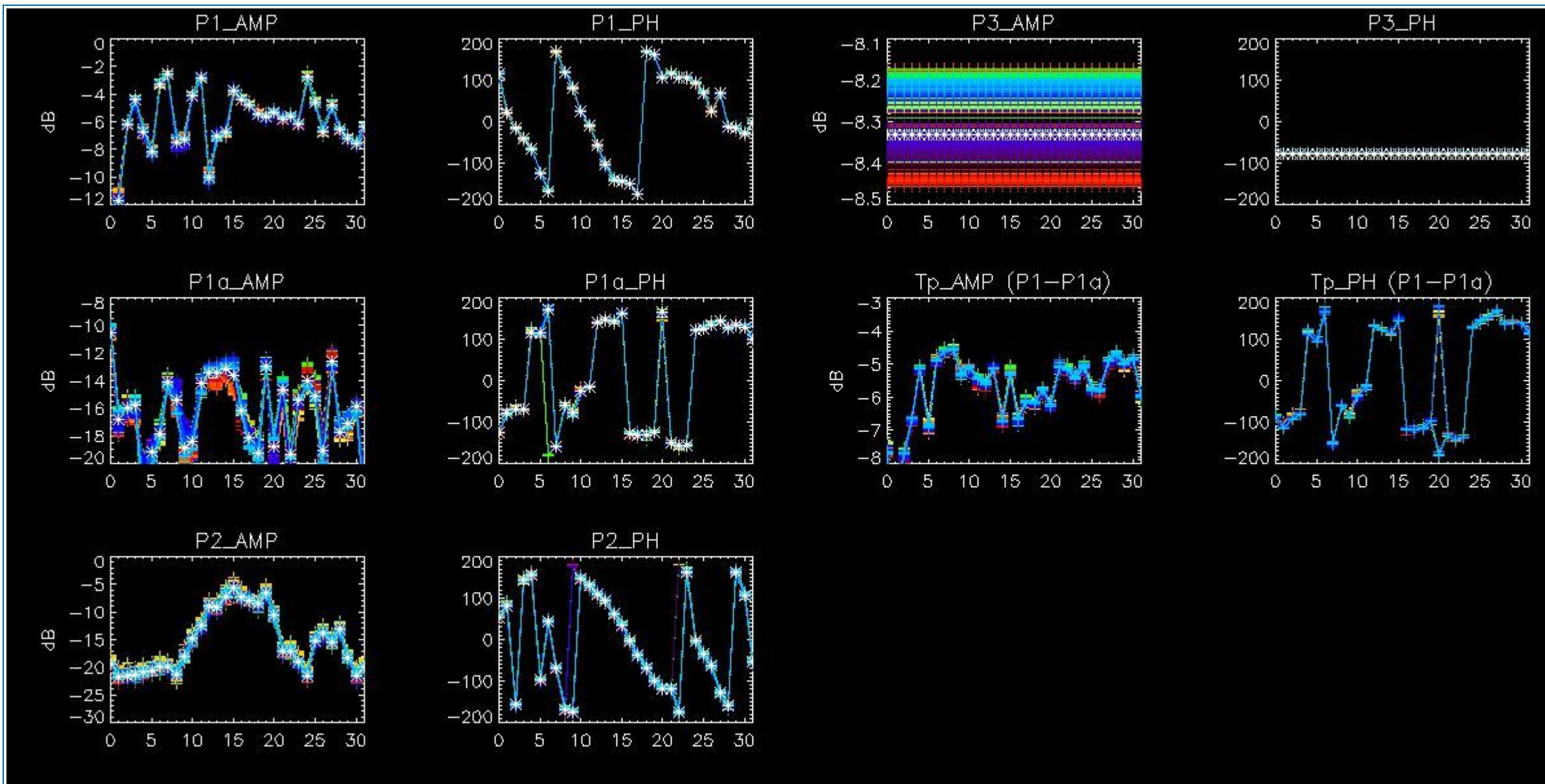
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

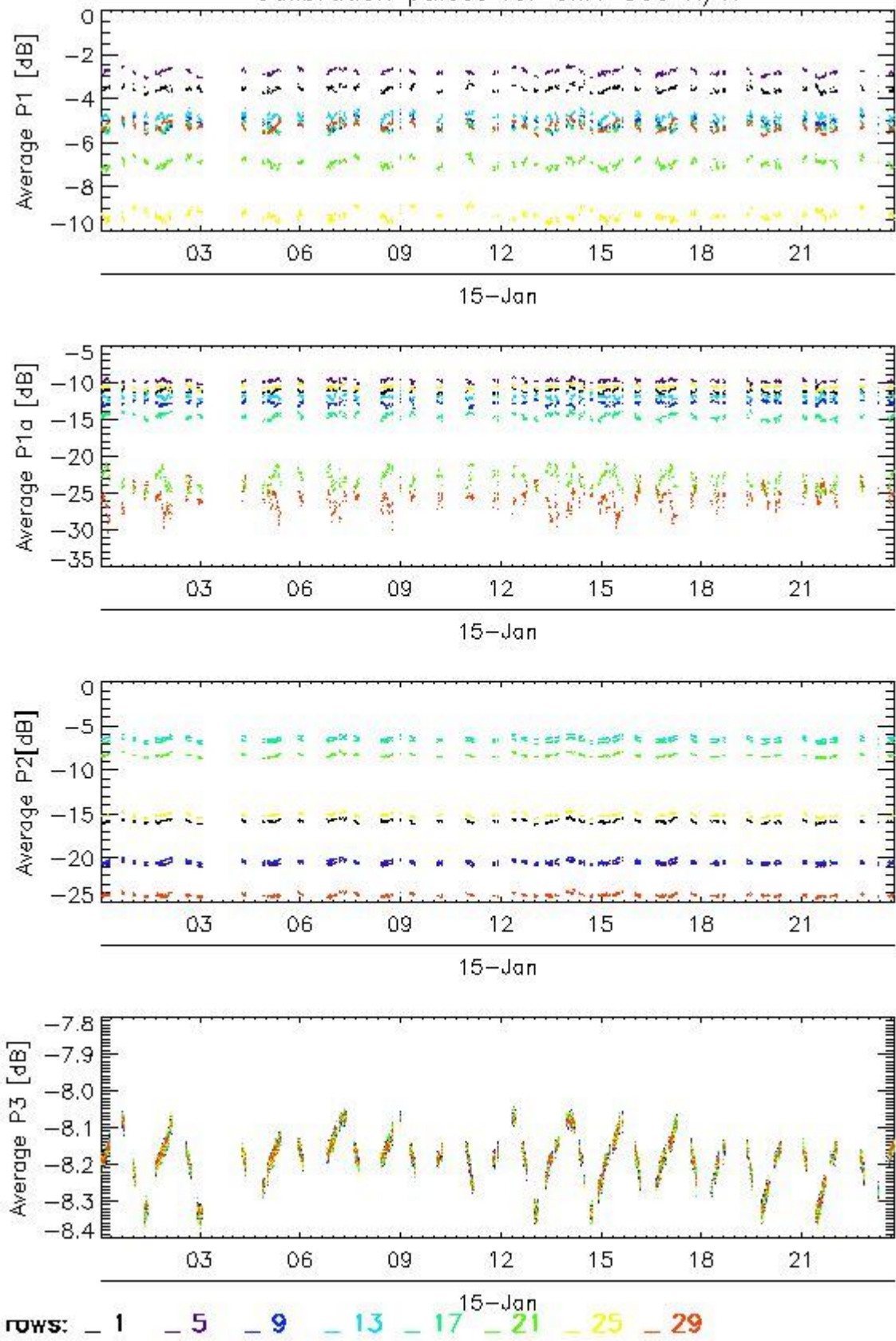
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

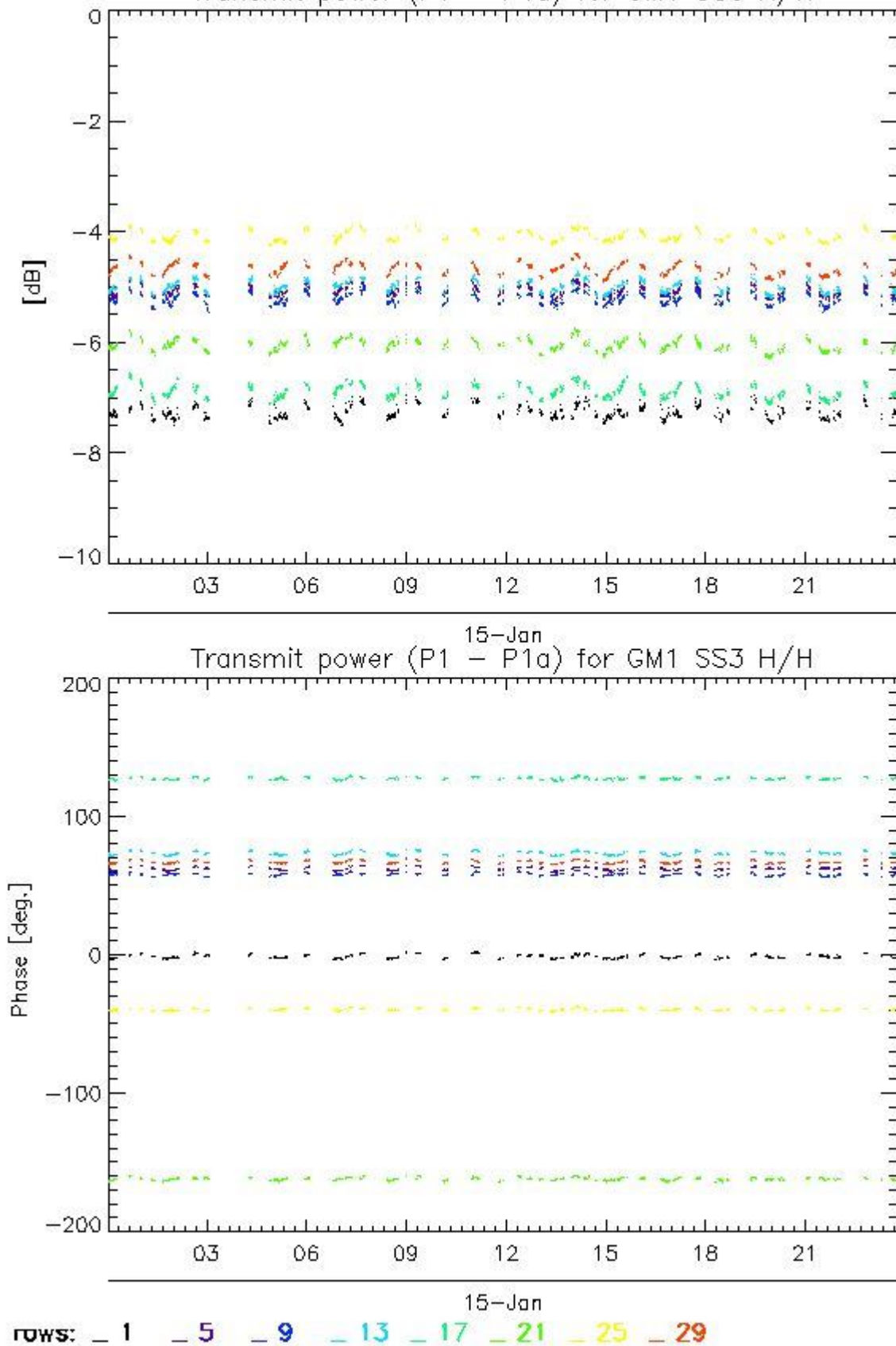
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



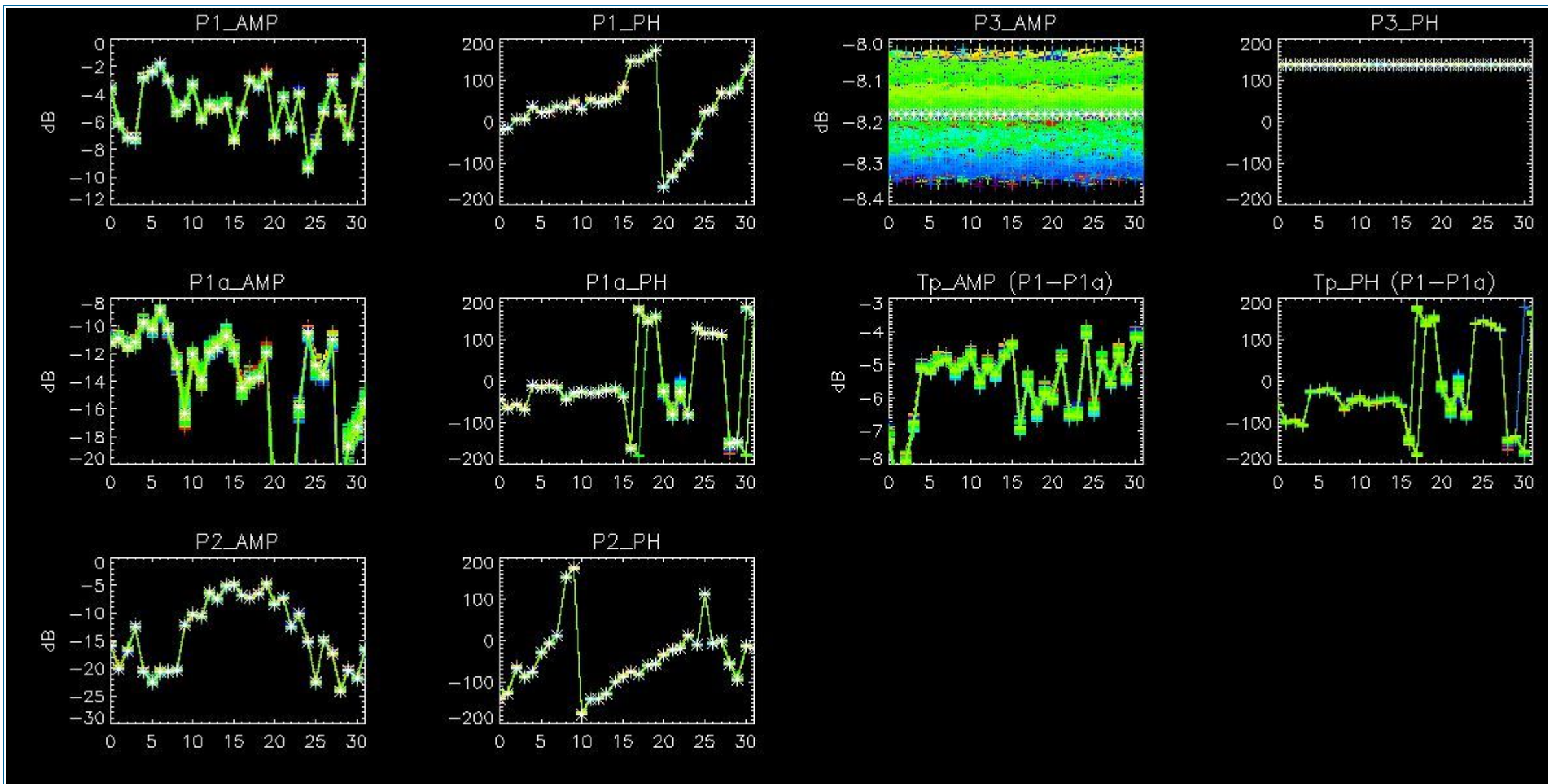
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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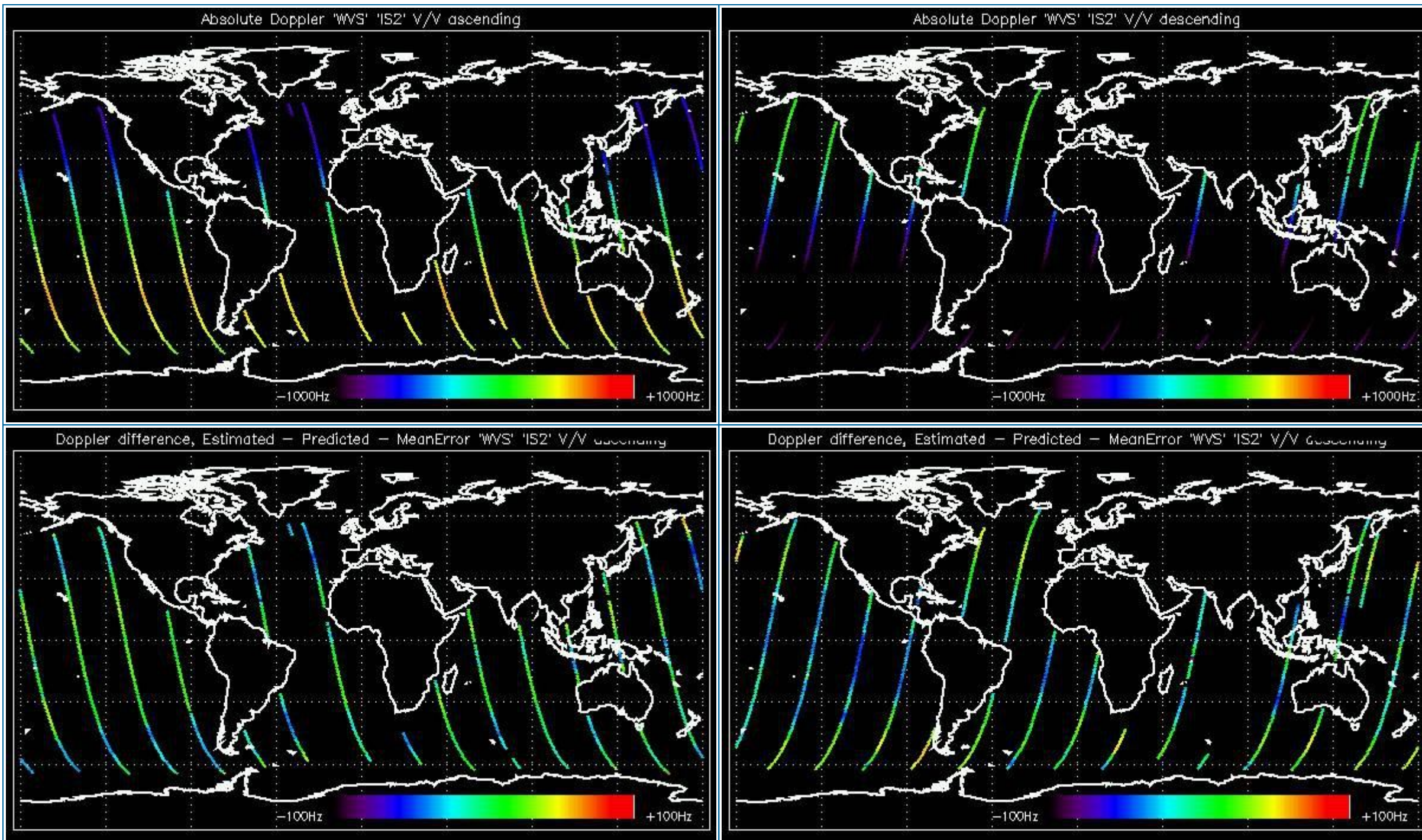
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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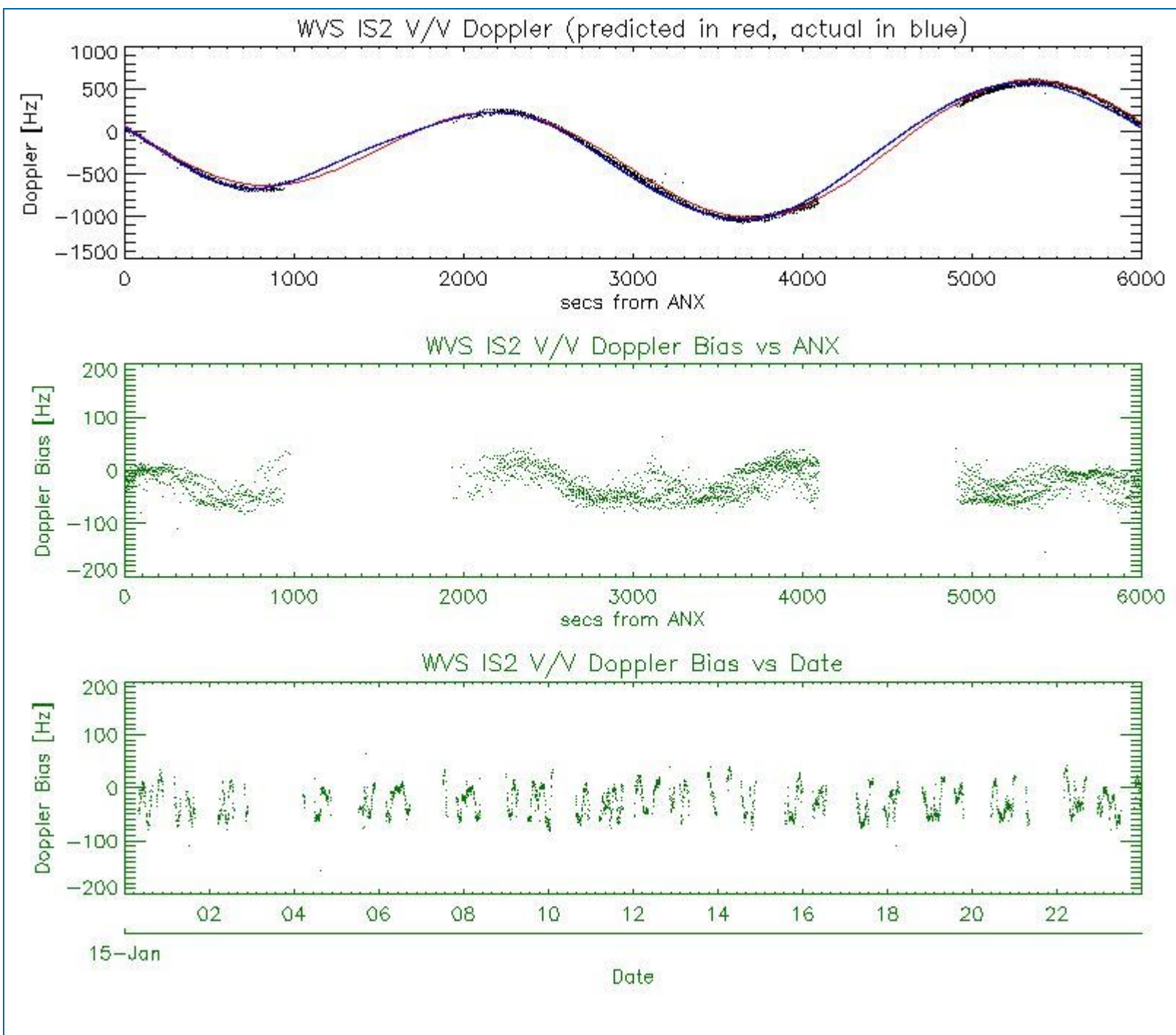




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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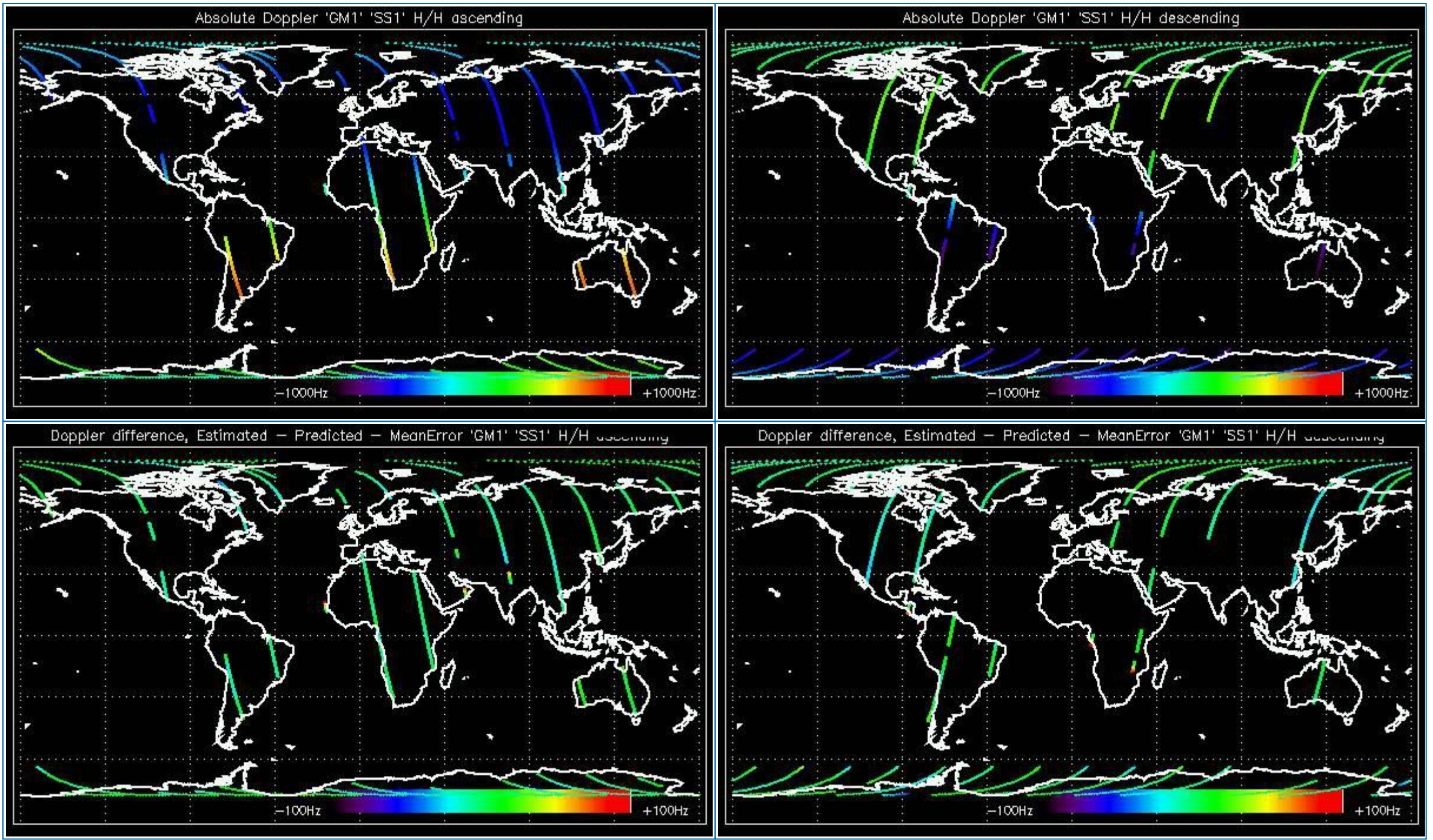


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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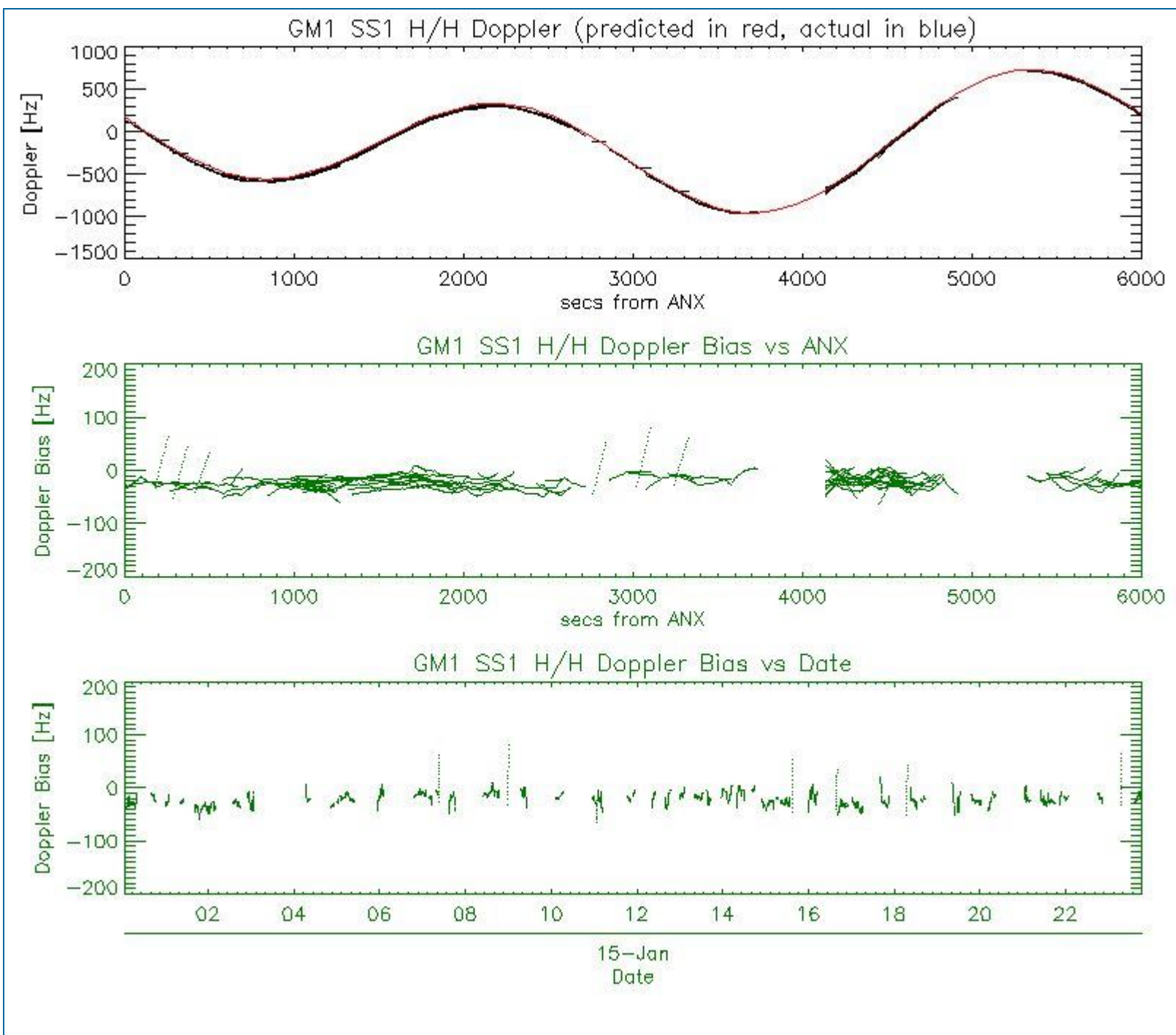




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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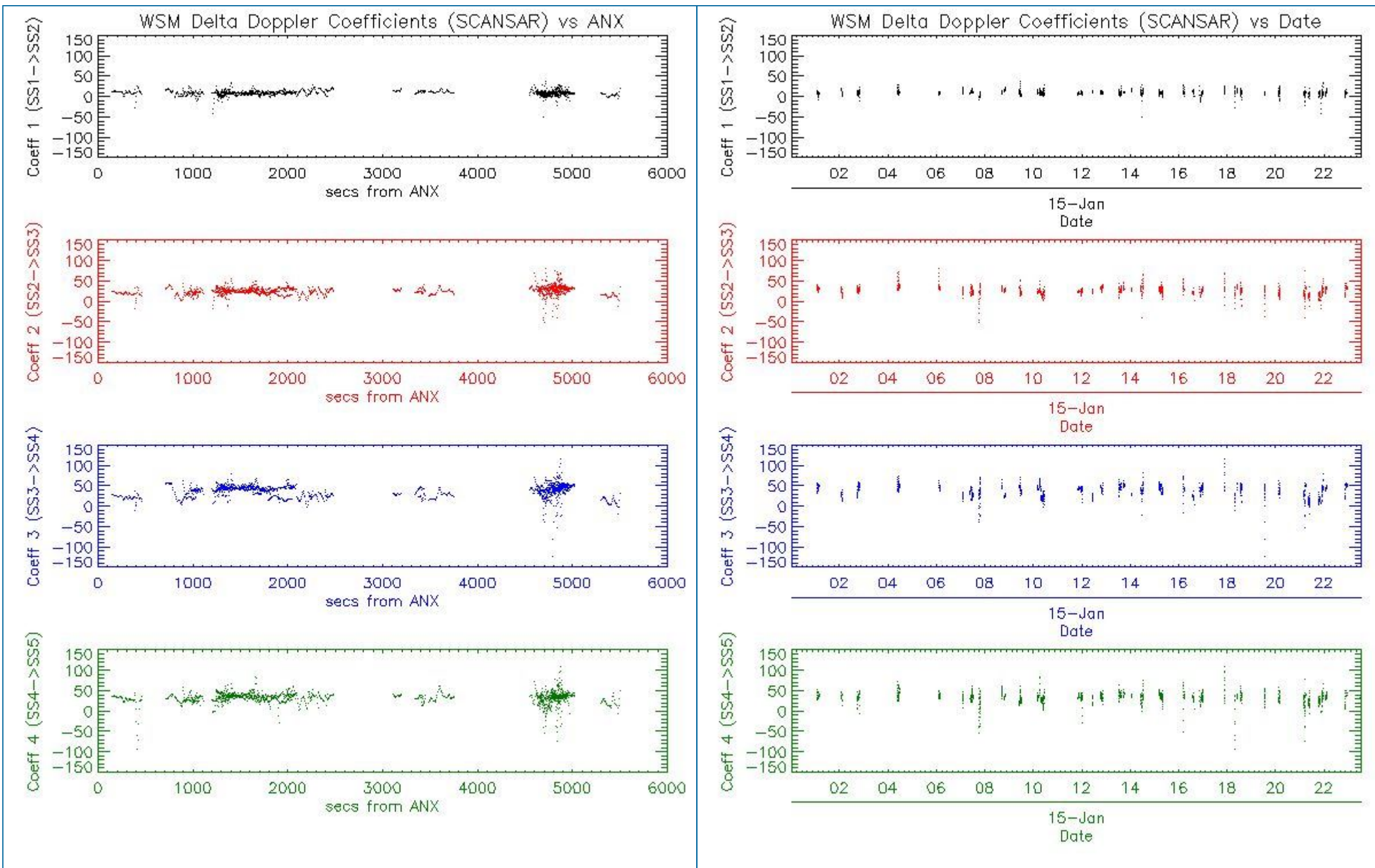




5.3 - Doppler JUMPS Analysis for WSM

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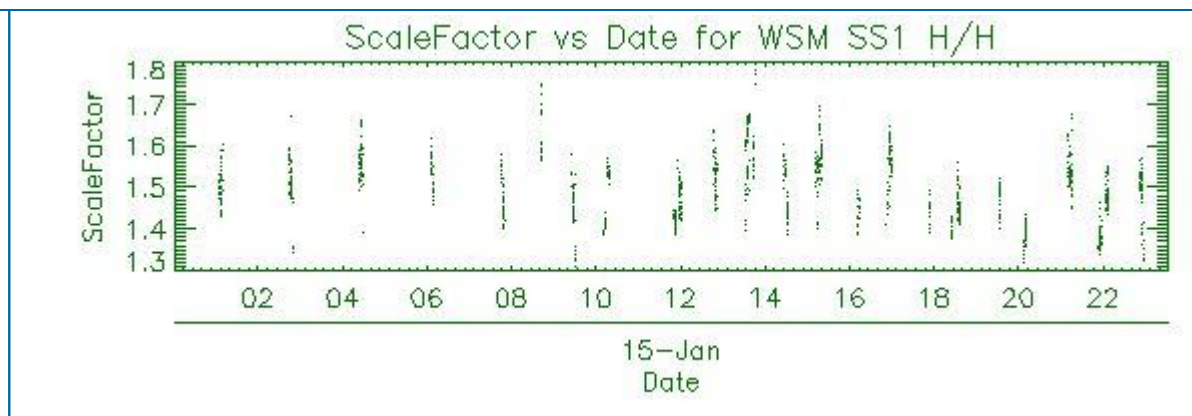
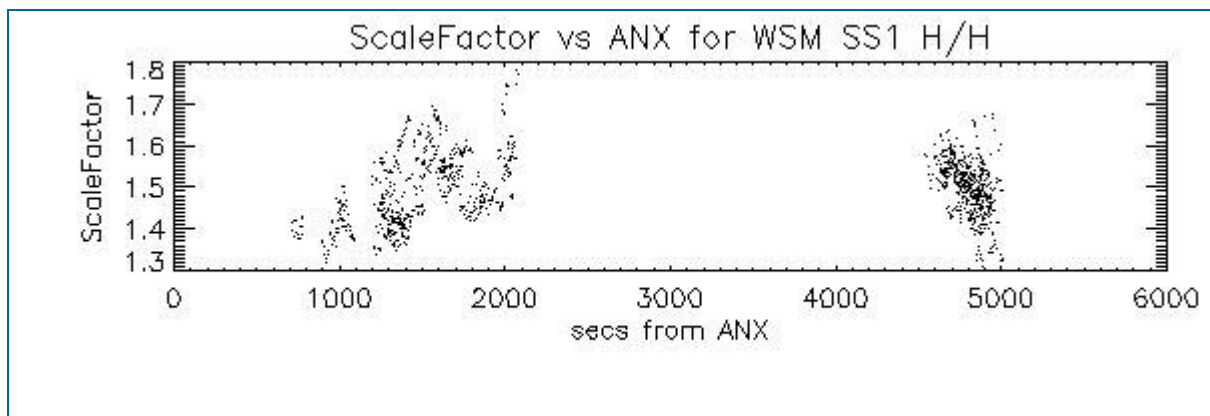
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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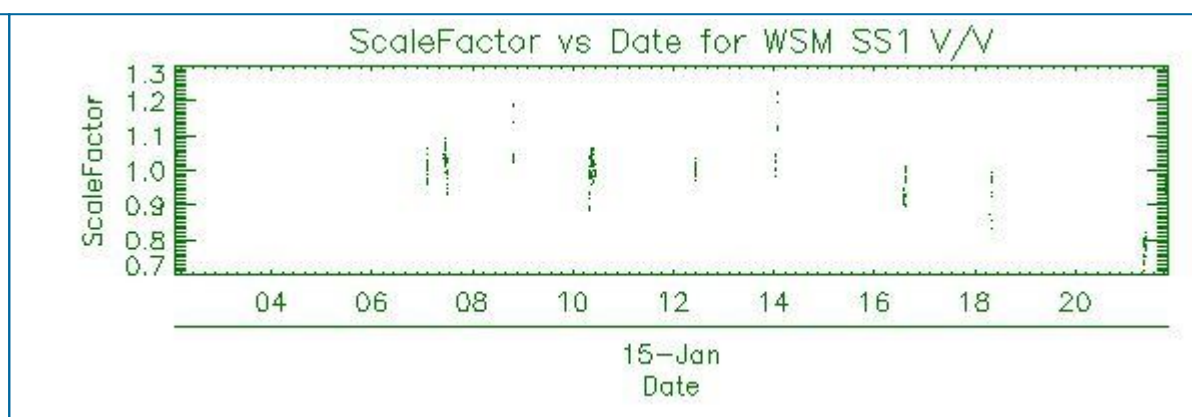
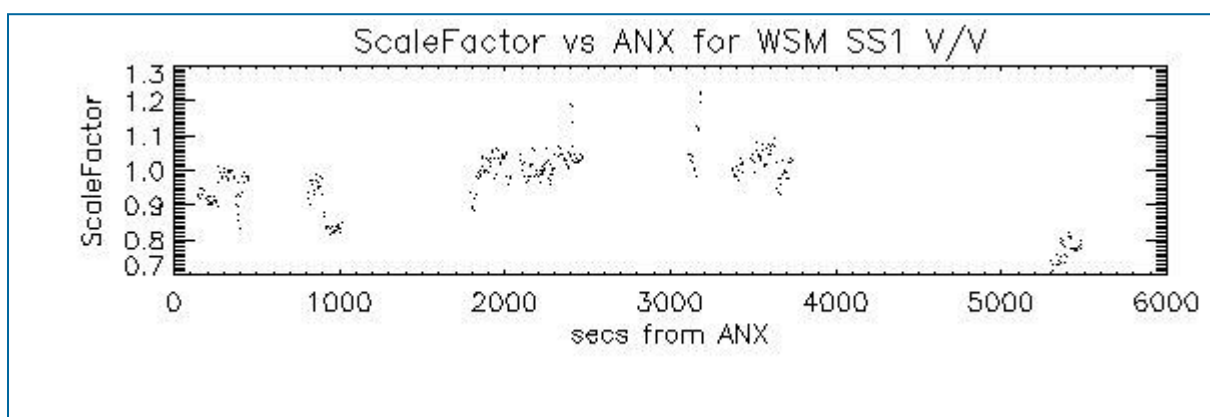




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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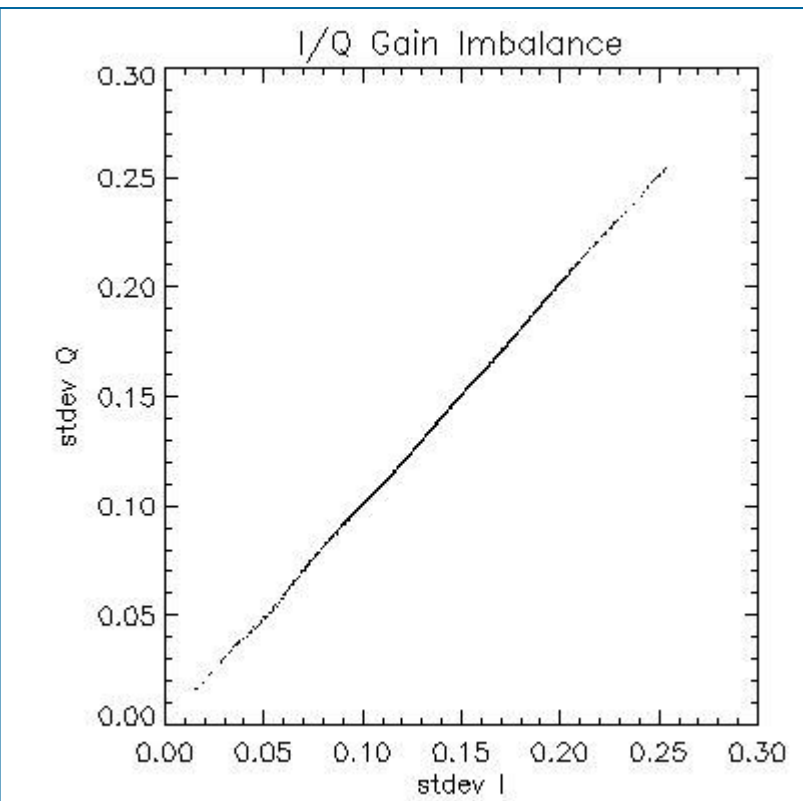
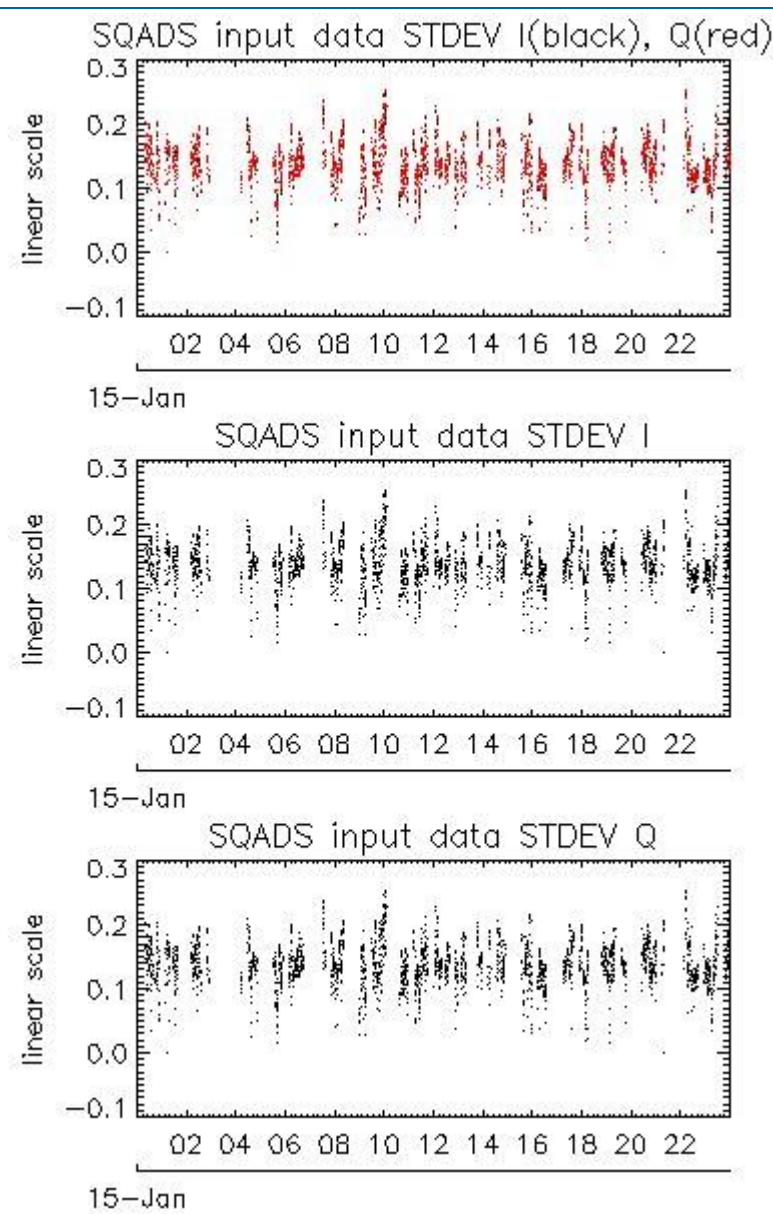
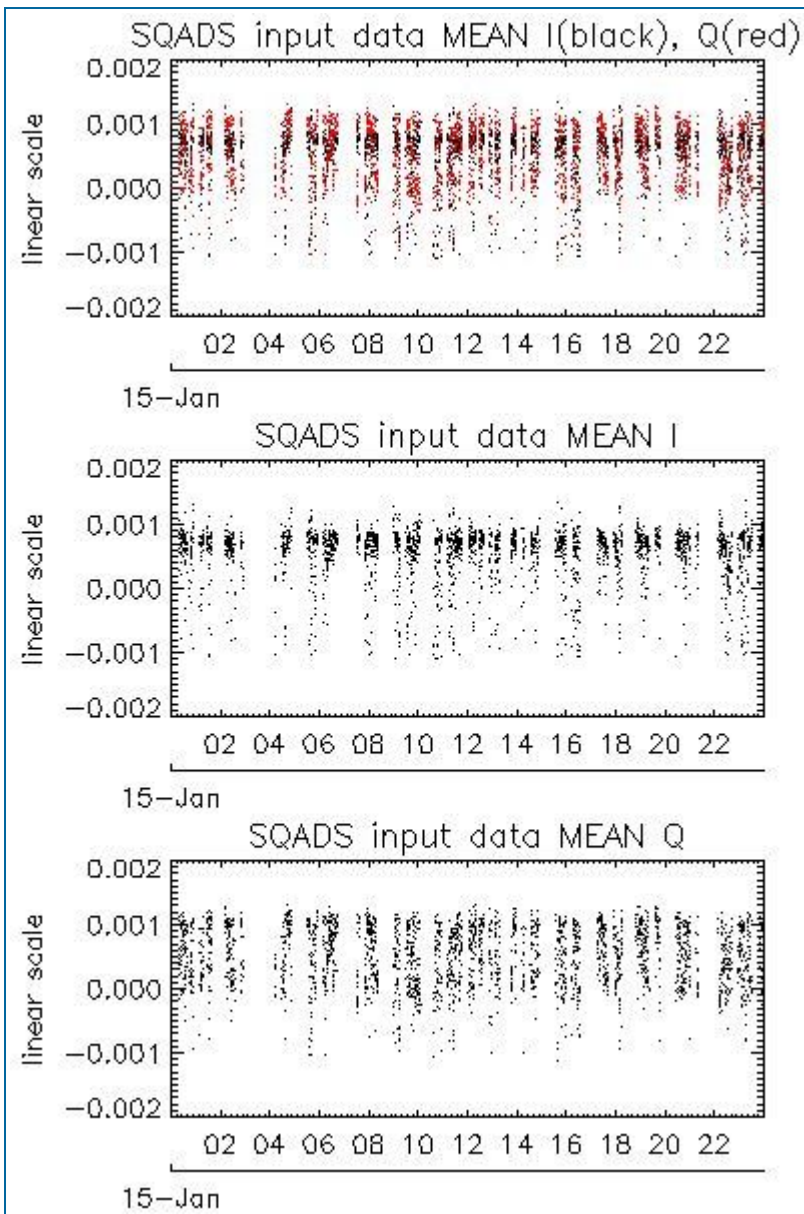


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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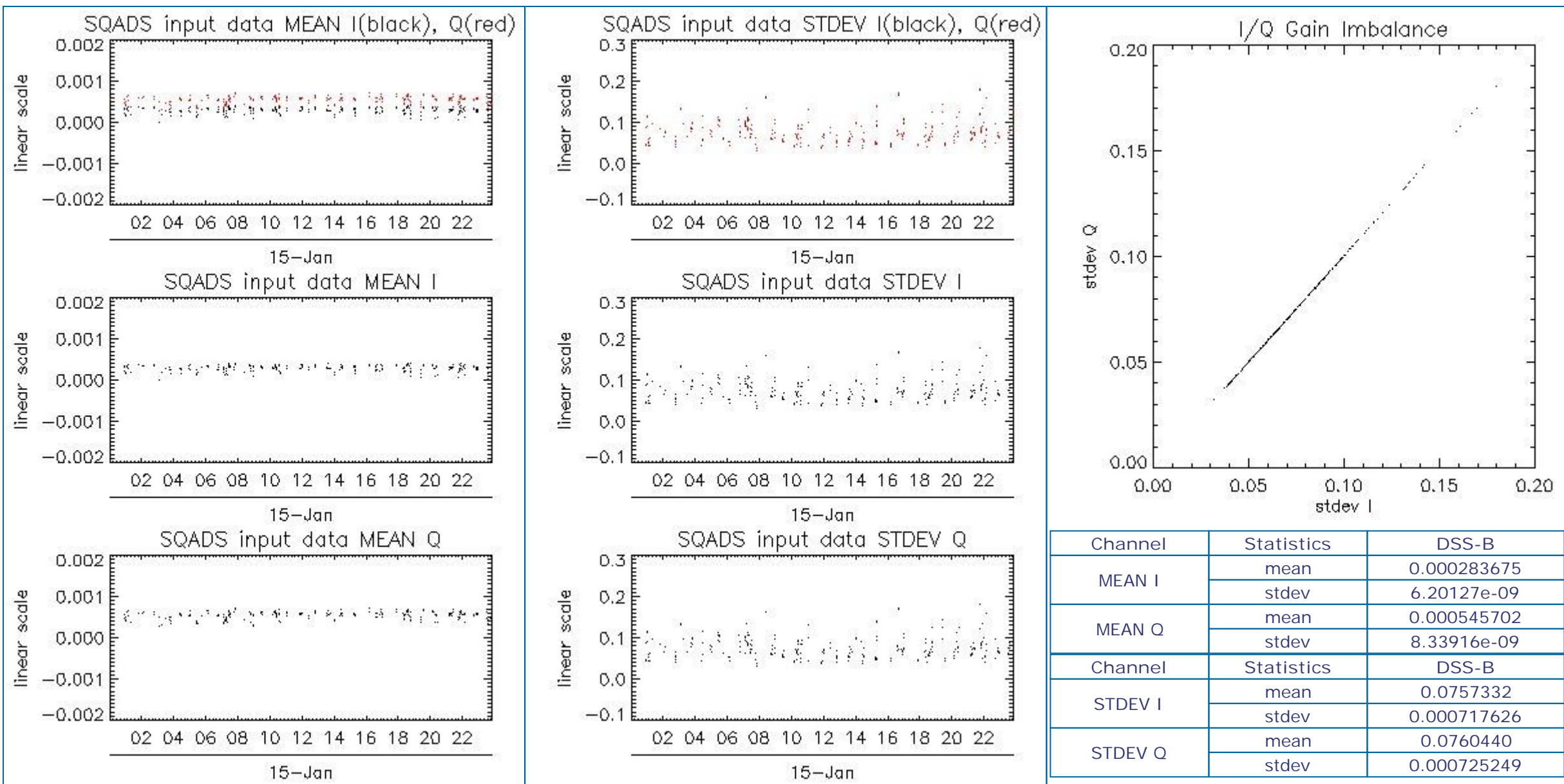


Channel	Statistics	DSS-B
MEAN I	mean	0.000551984
	stdev	1.76877e-07
MEAN Q	mean	0.000520827
	stdev	2.16870e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.139057
	stdev	0.00113438
STDEV Q	mean	0.139444
	stdev	0.00115632

7.2 - Analysis for IMM

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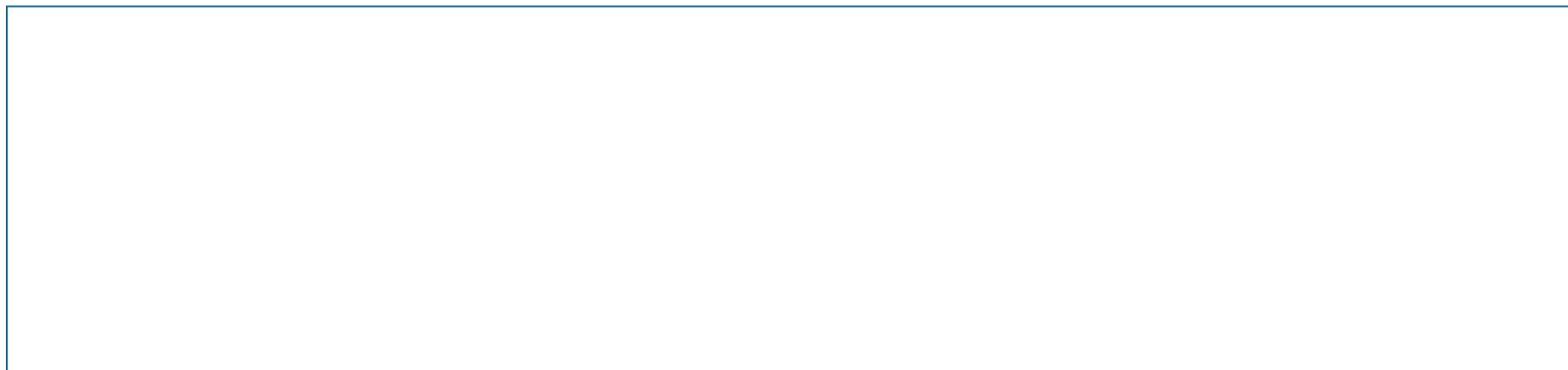


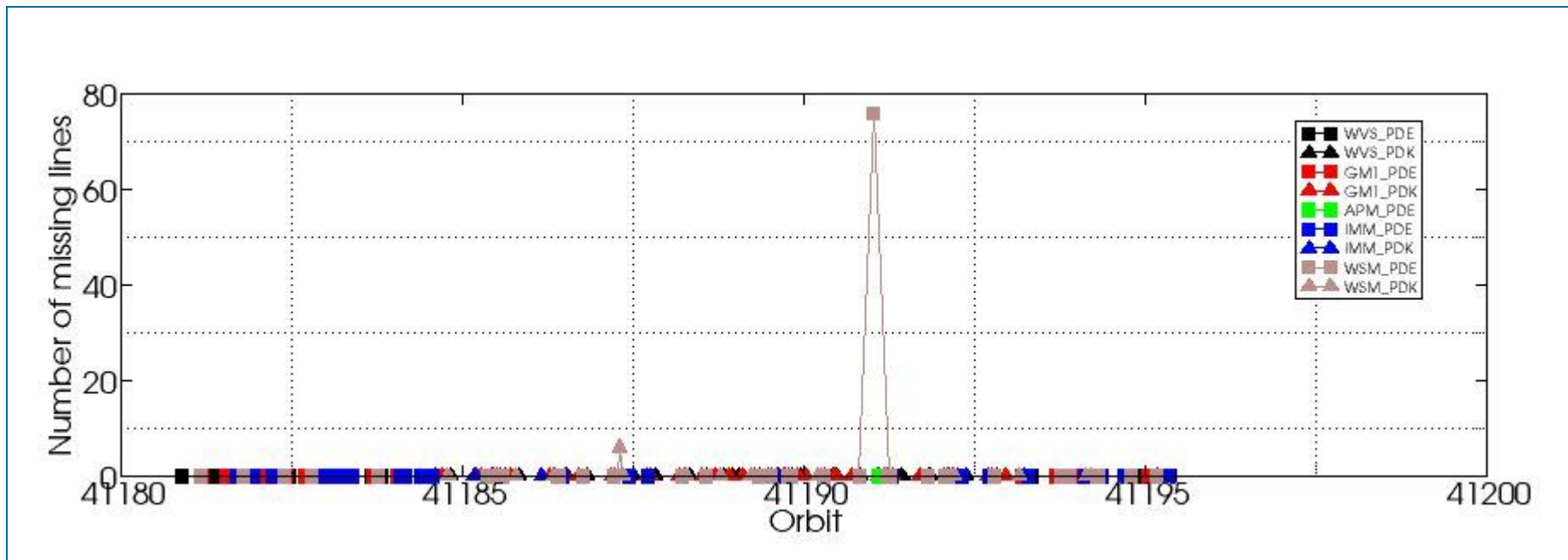
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_IMM_1PNPDE20100115_054343_00000372086_00048_41184_5270.N1	1	0
PDE	ASA_WSM_1PNPDE20100115_163412_000002632086_00055_41191_5335.N1	0	76
PDK	ASA_WSM_1PNPDK20100115_101915_000002632086_00051_41187_5952.N1	0	6

8.1 - Number of Missing lines

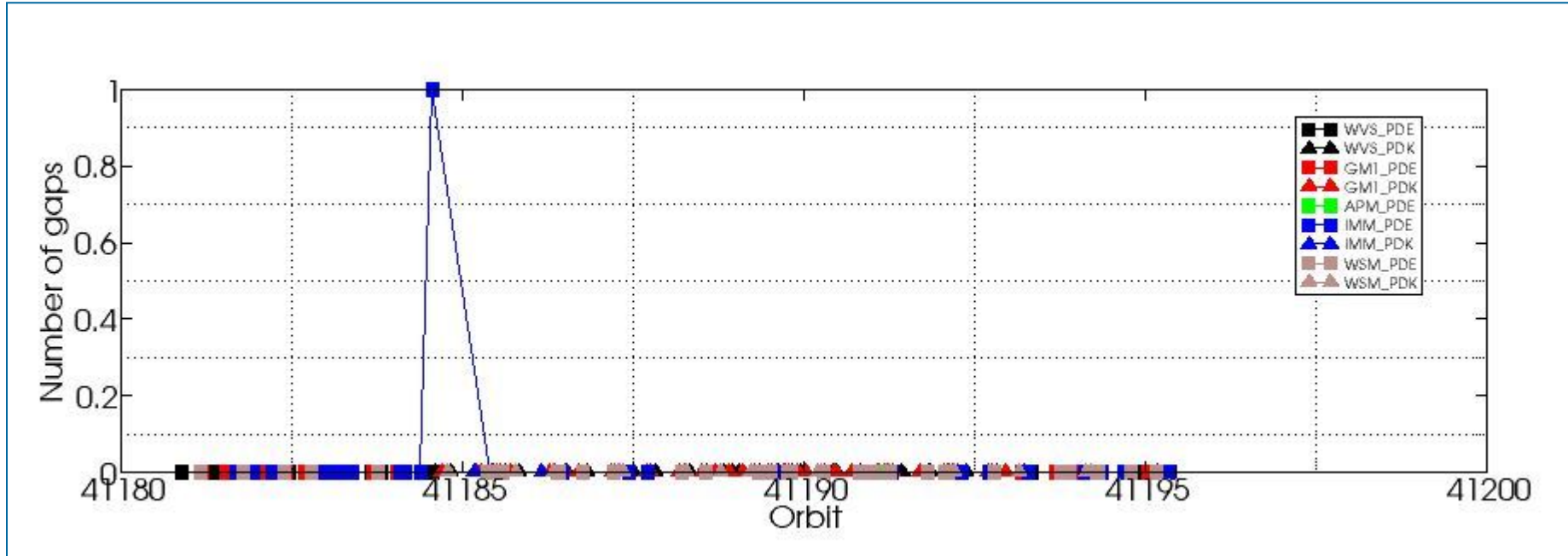
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 100115
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100115/

DATA SUMMARY

Summary will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100115/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_100115/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_100115/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100115/AUXILIARY

Creating directory ./RESULTS/DAILY/_100115/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20100115*current_3_IECF_ADFs.txt
 Found list 20100115_030003_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000
 ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20091217_114112_20080801_000000_20101231_235959

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20100115_001938_000011482086_00045_41181_5215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_004535_000005102086_00045_41181_5217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_010933_000002992086_00045_41181_5219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_011333_000003152086_00045_41181_5231.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_012639_000007342086_00046_41182_5233.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_021153_000013642086_00046_41182_5235.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_024918_000003002086_00046_41182_5237.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_041307_000001202086_00047_41183_5254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_042849_000013492086_00047_41183_5260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_053131_000006892086_00048_41184_5259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_054427_000002242086_00048_41184_5256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_202655_000020542086_00057_41193_5347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_211616_000001942086_00057_41193_5348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_211831_000001202086_00057_41193_5360.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_220947_000019192086_00058_41194_5362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_225719_000002552086_00058_41194_5364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_230049_000009292086_00058_41194_5374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_231837_000006742086_00059_41195_5376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100115_235005_000008992086_00059_41195_5378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_054757_000003752086_00048_41184_5902.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_060923_000020392086_00048_41184_5904.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_073048_000003302086_00049_41185_5919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_075001_000019792086_00049_41185_5921.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_090040_000009742086_00050_41186_5941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_093058_000020842086_00050_41186_5944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_103830_000011392086_00051_41187_5965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_111120_000020692086_00051_41187_5968.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_120208_000010942086_00052_41188_5978.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_122738_000006302086_00052_41188_5982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_125148_000004052086_00052_41188_5981.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_130610_000005692086_00052_41188_5980.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_131642_000001642086_00053_41189_5985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_134532_000007192086_00053_41189_5999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_141259_000003452086_00053_41189_6003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_143304_000004502086_00053_41189_6006.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_144507_000004792086_00053_41189_6009.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_153419_000001342086_00054_41190_6022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_153844_000012442086_00054_41190_6025.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_161349_000011842086_00054_41190_6028.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_171533_000014692086_00055_41191_6046.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_175427_000000752086_00055_41191_6045.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_175717_000011392086_00055_41191_6050.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_184920_000018742086_00056_41192_6064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100115_193445_000007502086_00056_41192_6066.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...


```
ASA_GM1_1PNPDK20100115_174042_000007072086_00055_41191_6047.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_181707_000000902086_00056_41192_6049.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_182253_000000662086_00056_41192_6048.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_182543_000002832086_00056_41192_6051.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_182913_000001812086_00056_41192_6060.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_183755_000003142086_00056_41192_6062.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_192118_000001872086_00056_41192_6063.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_192734_000002652086_00056_41192_6065.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100115_194758_000008282086_00056_41192_6067.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20100115_164020_000000432086_00055_41191_5333.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20100115_005444_000003122086_00045_41181_5212.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_011930_000000402086_00045_41181_5227.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_014733_000000622086_00046_41182_5246.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_030446_000000792086_00046_41182_5251.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_031723_000000372086_00047_41183_5250.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_032732_000000372086_00047_41183_5249.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_034500_000003182086_00047_41183_5228.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_045610_000001142086_00048_41184_5261.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_045906_000000762086_00048_41184_5258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_050257_000000622086_00048_41184_5267.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_052518_000003112086_00048_41184_5264.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_054343_000000372086_00048_41184_5270.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_070706_000001332086_00049_41185_5273.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_071407_000002112086_00049_41185_5274.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_072056_000000632086_00049_41185_5275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_084705_000000372086_00050_41186_5286.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_085507_000002262086_00050_41186_5289.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_103311_000003142086_00051_41187_5308.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_110111_000001302086_00051_41187_5311.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_142219_000000912086_00053_41189_5329.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_170047_000000372086_00055_41191_5338.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_182028_000001342086_00056_41192_5340.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_184310_000003642086_00056_41192_5343.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_192422_000001832086_00056_41192_5344.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_202245_000002432086_00057_41193_5355.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_214438_000000372086_00058_41194_5357.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_214524_000000372086_00058_41194_5370.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_220846_000000562086_00058_41194_5372.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_224256_000000972086_00058_41194_5373.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100115_234645_000001892086_00059_41195_5390.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100115_064431_000002432086_00049_41185_5912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100115_071330_000000682086_00049_41185_5923.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100115_082332_000000572086_00050_41186_5930.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100115_201539_000001062086_00057_41193_6073.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100115_233209_000002082086_00059_41195_6083.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...



Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_WSM.xls...
 Writing file ./RESULTS/DAILY/_100115/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20100115_000210_000000672086_00045_41181_5225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_010501_000002752086_00045_41181_5226.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_020502_000001102086_00046_41182_5247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_024426_000002942086_00046_41182_5248.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_042339_000003062086_00047_41183_5252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_070505_000001102086_00049_41185_5272.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_072350_000000982086_00049_41185_5276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_072619_000002692086_00049_41185_5277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_084845_000000922086_00050_41186_5287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_092555_000003062086_00050_41186_5309.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_101103_000001162086_00051_41187_5310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_115047_000002022086_00052_41188_5319.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_122611_000000862086_00052_41188_5325.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_134342_000001102086_00053_41189_5327.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_140226_000000922086_00053_41189_5328.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_142618_000001592086_00053_41189_5330.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_143051_000001282086_00053_41189_5331.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_151931_000001222086_00054_41190_5332.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_161144_000001282086_00054_41190_5326.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_163412_000002632086_00055_41191_5335.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_165559_000001162086_00055_41191_5336.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_165759_000001222086_00055_41191_5337.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_175236_000001102086_00055_41191_5334.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_181850_000000802086_00056_41192_5339.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_182413_000000862086_00056_41192_5341.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_193207_000001592086_00056_41192_5342.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_211007_000003672086_00057_41193_5354.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_212117_000002082086_00057_41193_5356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_220332_000002692086_00058_41194_5371.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_225155_000003242086_00058_41194_5369.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100115_233033_000000982086_00059_41195_5389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_060610_000001592086_00048_41184_5911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_074546_000002452086_00049_41185_5929.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_084121_000001282086_00050_41186_5931.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_101622_000001412086_00051_41187_5951.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_101915_000002632086_00051_41187_5952.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_102415_000001712086_00051_41187_5953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_115646_000003062086_00052_41188_5974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_124709_000002752086_00052_41188_5993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_133209_000003432086_00053_41189_5991.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_151155_000001842086_00054_41190_6015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_151700_000002392086_00054_41190_6016.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_165229_000000672086_00055_41191_6036.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_165654_000000982086_00055_41191_6035.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_183220_000003302086_00056_41192_6056.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_200751_000002202086_00057_41193_6072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_214703_000002262086_00058_41194_6079.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100115_215341_000002392086_00058_41194_6080.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
 #####

MODULE STEPPING ANALYSIS
 #####
 Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
 Results will be exported to the directory: ./RESULTS/DAILY/_100115/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_100115/MODULE_STEPPING...
 Creating directory ./RESULTS/DAILY/_100115/MODULE_STEPPING/FIRST_REFERENCE...
 Creating directory ./RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE...



Creating directory ./RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDK20100114_062634_000000162086_00034_41170_0960.N1
H
H
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/TGH_20100114_062634-20050922_062651.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/TPH_20100114_062634-20050922_062651.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/RGH_20100114_062634-20050922_062651.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/RPH_20100114_062634-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDK20100115_055457_000000162086_00048_41184_0961.N1
V
V
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/TGV_20100115_055457-20050923_055514.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/TPV_20100115_055457-20050923_055514.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/RGV_20100115_055457-20050923_055514.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/SECOND_REFERENCE/RPV_20100115_055457-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20100112_173324_000000162086_00012_41148_0958.N1
Test product: ASA_MS__0PNPDK20100114_062634_000000162086_00034_41170_0960.N1
H
H
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20100114_062634-20100112_173324.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20100114_062634-20100112_173324.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20100114_062634-20100112_173324.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20100114_062634-20100112_173324.png

Polarization: V
Reference product: ASA_MS__0PNPDK20100113_170147_000000162086_00026_41162_0959.N1
Test product: ASA_MS__0PNPDK20100115_055457_000000162086_00048_41184_0961.N1
V
V
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20100115_055457-20100113_170147.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20100115_055457-20100113_170147.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20100115_055457-20100113_170147.png
../../RESULTS/DAILY/_100115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20100115_055457-20100113_170147.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_100115/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59

Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-15_1.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-15_2.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-15_3.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-15_4.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_100115//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 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-15_1.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-15_2.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-15_3.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-15 00:00:00 to 2010-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-15_4.dat...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_100115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100115/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...

Writing file ./RESULTS/DAILY/_100115/DOPPLER/Doppler_data_WVS_IS2_VV_2010-01-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100115/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...

Writing file ./RESULTS/DAILY/_100115/DOPPLER/Doppler_data_GM1_SS1_HH_2010-01-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100115/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-01-15 00:00:00 to 2010-01-15 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...

Writing file ./RESULTS/DAILY/_100115/DOPPLER/Doppler_Jumps_data_WSM_2010-01-15.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100115/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_100115/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59

Analysing products WVS IS2 V/V

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -22.185892 Hz

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -28.621838 Hz

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -19.624765 Hz

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...

Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -23.700080 Hz
Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_100115//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_100115/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-01-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100115/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100115/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-01-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100115/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100115/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100115/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_100115/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/RAW_DATA/Raw_data_WVS_2010-01-15.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2010-01-15 00:00:00 to 2010-01-15 23:59:59...
Writing file ./RESULTS/DAILY/_100115/RAW_DATA/Raw_data_IMM_2010-01-15.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100115/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

```
#####
```

TELEMETRY ANALYSIS

```
#####
```

```
Analysis will be performed from 2010-01-15 00:00:00 to 2010-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100115/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_100115/TELEMETRY...
```

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

```
*****
Checking 20 products from PDE...
Checking 25 products from PDK...
```

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

```
*****
Checking 23 products from PDE...
Checking 49 products from PDK...
```

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

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

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

```
*****
Checking 30 products from PDE...
Found product..ASA_IMM_1PNPDE20100115_054343_00000372086_00048_41184_5270.N1 / 1 gaps / 0 missing lines
Checking 5 products from PDK...
```

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

```
*****
Checking 31 products from PDE...
Found product..ASA_WSM_1PNPDE20100115_163412_000002632086_00055_41191_5335.N1 / 0 gaps / 76 missing lines
Checking 17 products from PDK...
Found product..ASA_WSM_1PNPDK20100115_101915_000002632086_00051_41187_5952.N1 / 0 gaps / 6 missing lines
```

```
Creating graph of missing lines and gaps...
```

```
*****
Creating image: ./RESULTS/DAILY/_100115/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_100115/TELEMETRY/TELEMETRY_Gaps.png...
```

TELEMETRY ANALYSIS completed

```
#####
```

BROWSE PRODUCTS ANALYSIS

```
#####
```

```
Analysis will be performed on 2010-01-15
```

```
*****
Scanning directory /nfs-store/ASAR_Data//ASA_GM_BP...
```

Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_GM_BP/JPG/20100115/

Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_055632_000005732086_00048_41184_5903.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_064847_000005372086_00049_41185_5905.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_065631_000005072086_00049_41185_5915.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_070932_000002412086_00049_41185_5916.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_071748_000001872086_00049_41185_5917.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_072211_000000902086_00049_41185_5918.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_073705_000005132086_00049_41185_5920.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_082501_000008102086_00050_41186_5922.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_083725_000002292086_00050_41186_5938.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_084336_000002112086_00050_41186_5939.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_085904_000000902086_00050_41186_5940.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_091745_000004832086_00050_41186_5942.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_100623_000002712086_00051_41187_5943.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_101306_000001932086_00051_41187_5945.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_105817_000001752086_00051_41187_5964.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_110332_000004652086_00051_41187_5967.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_114623_000002592086_00052_41188_5966.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_115410_000001502086_00052_41188_5969.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_122113_000002892086_00052_41188_5979.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_123857_000004832086_00052_41188_5983.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_125921_000004042086_00052_41188_5984.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_132012_000007132086_00053_41189_5986.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_133755_000003382086_00053_41189_5997.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_135815_000002472086_00053_41189_5998.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_140357_000003802086_00053_41189_6000.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_141021_000001572086_00053_41189_6001.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_141929_000001692086_00053_41189_6002.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_142356_000001322086_00053_41189_6004.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_142904_000000962086_00053_41189_6005.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_144113_000002292086_00053_41189_6007.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_145353_000010752086_00054_41190_6010.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_151508_000001022086_00054_41190_6021.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_152140_000007552086_00054_41190_6023.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_153712_000000842086_00054_41190_6024.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_160006_000006952086_00054_41190_6027.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_163842_000000902086_00055_41191_6026.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_164126_000006102086_00055_41191_6029.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_165020_000001202086_00055_41191_6043.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_165344_000001262086_00055_41191_6042.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_170137_000008342086_00055_41191_6044.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_174042_000007072086_00055_41191_6047.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_181707_000000902086_00056_41192_6049.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_182253_000000662086_00056_41192_6048.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_182543_000002832086_00056_41192_6051.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_182913_000001812086_00056_41192_6060.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_183755_000003142086_00056_41192_6062.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_192118_000001872086_00056_41192_6063.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_192734_000002652086_00056_41192_6065.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100115_194758_000008282086_00056_41192_6067.N1 ...

ANALYSIS COMPLETED: 49 GM browse products to see...

Scanning directory /nfs-store/ASAR_Data//ASA_AP_BP...

Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_AP_BP/JPG/20100115/

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

Scanning directory /nfs-store/ASAR_Data//ASA_IM_BP...

Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_IM_BP/JPG/20100115/

Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_005444_000003122086_00045_41181_5212.N1 ...

```
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_011930_000000402086_00045_41181_5227.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_014733_000000622086_00046_41182_5246.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_030446_000000792086_00046_41182_5251.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_031723_000000372086_00047_41183_5250.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_032732_000000372086_00047_41183_5249.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_034500_0000003182086_00047_41183_5228.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_045610_0000001142086_00048_41184_5261.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_045906_000000762086_00048_41184_5258.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_050257_000000622086_00048_41184_5267.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_052518_0000003112086_00048_41184_5264.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_054343_000000372086_00048_41184_5270.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_070706_0000001332086_00049_41185_5273.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_071407_0000002112086_00049_41185_5274.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDE20100115_072056_000000632086_00049_41185_5275.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20100115_064431_0000002422086_00049_41185_5912.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20100115_071330_000000682086_00049_41185_5923.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20100115_082332_000000572086_00050_41186_5930.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_IM_BP/ASA_IM_BPZPDK20100115_201539_0000001062086_00057_41193_6073.N1 ...
```

ANALYSIS COMPLETED: 19 IM browse products to see...

Scanning directory /nfs-store/ASAR_Data//ASA_WS_BP...

Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_WS_BP/JPG/20100115/

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

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_100115/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_1PNPDE20100115_164020_000000432086_00055_41191_5333.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_1PNPDE20100115_000322_000009732086_00045_41181_5214.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_003931_000003622086_00045_41181_5216.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_010006_000002892086_00045_41181_5218.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_012023_000003562086_00045_41181_5230.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_014030_000004222086_00046_41182_5229.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_014846_000009732086_00046_41182_5232.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_020657_000001992086_00046_41182_5234.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_023518_000005432086_00046_41182_5236.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_025509_000001142086_00046_41182_5238.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_025710_000004222086_00046_41182_5239.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_041556_000004592086_00047_41183_5253.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_045202_000002472086_00048_41184_5263.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_050030_000001442086_00048_41184_5262.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_050415_000012332086_00048_41184_5255.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_201137_000002412086_00057_41193_5345.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_201736_000003082086_00057_41193_5346.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_210157_000004832086_00057_41193_5349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_212450_000011902086_00057_41193_5359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_215135_000001142086_00058_41194_5358.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_215746_000003382086_00058_41194_5361.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_224444_000004222086_00058_41194_5363.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_231707_000000842086_00059_41195_5375.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100115_233547_000006282086_00059_41195_5377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_055632_000005732086_00048_41184_5903.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_064847_000005372086_00049_41185_5905.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_065631_000005072086_00049_41185_5915.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_070932_000002412086_00049_41185_5916.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_071748_000001872086_00049_41185_5917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_072211_000000902086_00049_41185_5918.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_073705_000005132086_00049_41185_5920.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_082501_000008102086_00050_41186_5922.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_083725_000002292086_00050_41186_5938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_084336_000002112086_00050_41186_5939.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_085904_000000902086_00050_41186_5940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_091745_000004832086_00050_41186_5942.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_100623_000002712086_00051_41187_5943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_101306_000001932086_00051_41187_5945.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_105817_000001752086_00051_41187_5964.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_110332_000004652086_00051_41187_5967.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_114623_000002592086_00052_41188_5966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_115410_000001502086_00052_41188_5969.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_122113_000002892086_00052_41188_5979.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_123857_000004832086_00052_41188_5983.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_125921_000004042086_00052_41188_5984.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_132012_000007132086_00053_41189_5986.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_133755_000003382086_00053_41189_5997.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_135815_000002472086_00053_41189_5998.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_140357_000003802086_00053_41189_6000.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_141021_000001572086_00053_41189_6001.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_141929_000001692086_00053_41189_6002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_142356_000001322086_00053_41189_6004.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_142904_000000962086_00053_41189_6005.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_144113_000002292086_00053_41189_6007.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_145353_000010752086_00054_41190_6010.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_151508_000001022086_00054_41190_6021.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_152140_000007552086_00054_41190_6023.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_153712_000000842086_00054_41190_6024.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_160006_000006952086_00054_41190_6027.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_163842_000000902086_00055_41191_6026.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_164126_000006102086_00055_41191_6029.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_165020_000001202086_00055_41191_6043.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_165344_000001262086_00055_41191_6042.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_170137_000008342086_00055_41191_6044.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_174042_000007072086_00055_41191_6047.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20100115_181707_00000902086_00056_41192_6049.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_182253_00000662086_00056_41192_6048.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_182543_000002832086_00056_41192_6051.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_182913_000001812086_00056_41192_6060.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_183755_000003142086_00056_41192_6062.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_192118_000001872086_00056_41192_6063.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_192734_000002652086_00056_41192_6065.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100115_194758_000008282086_00056_41192_6067.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_1PNPDE20100115_005444_000003122086_00045_41181_5212.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_011930_00000402086_00045_41181_5227.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_014733_00000622086_00046_41182_5246.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_030446_00000792086_00046_41182_5251.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_031723_00000372086_00047_41183_5250.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_032732_00000372086_00047_41183_5249.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_034500_000003182086_00047_41183_5228.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_045610_000001142086_00048_41184_5261.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_045906_00000762086_00048_41184_5258.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_050257_00000622086_00048_41184_5267.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_052518_000003112086_00048_41184_5264.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_054343_00000372086_00048_41184_5270.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_070706_000001332086_00049_41185_5273.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_071407_000002112086_00049_41185_5274.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_072056_00000632086_00049_41185_5275.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_084705_00000372086_00050_41186_5286.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_085507_000002262086_00050_41186_5289.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_103311_000003142086_00051_41187_5308.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_110111_000001302086_00051_41187_5311.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_142219_000000912086_00053_41189_5329.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_170047_00000372086_00055_41191_5338.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_182028_000001342086_00056_41192_5340.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_184310_000003642086_00056_41192_5343.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_192422_000001832086_00056_41192_5344.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_202245_000002432086_00057_41193_5355.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_214438_00000372086_00058_41194_5357.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_214524_00000372086_00058_41194_5370.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_220846_00000562086_00058_41194_5372.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_224256_00000972086_00058_41194_5373.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100115_234645_000001892086_00059_41195_5390.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100115_064431_000002432086_00049_41185_5912.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100115_071330_00000682086_00049_41185_5923.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100115_082332_00000572086_00050_41186_5930.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100115_201539_000001062086_00057_41193_6073.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100115_233209_000002082086_00059_41195_6083.N1					OK	OK	OK	OK

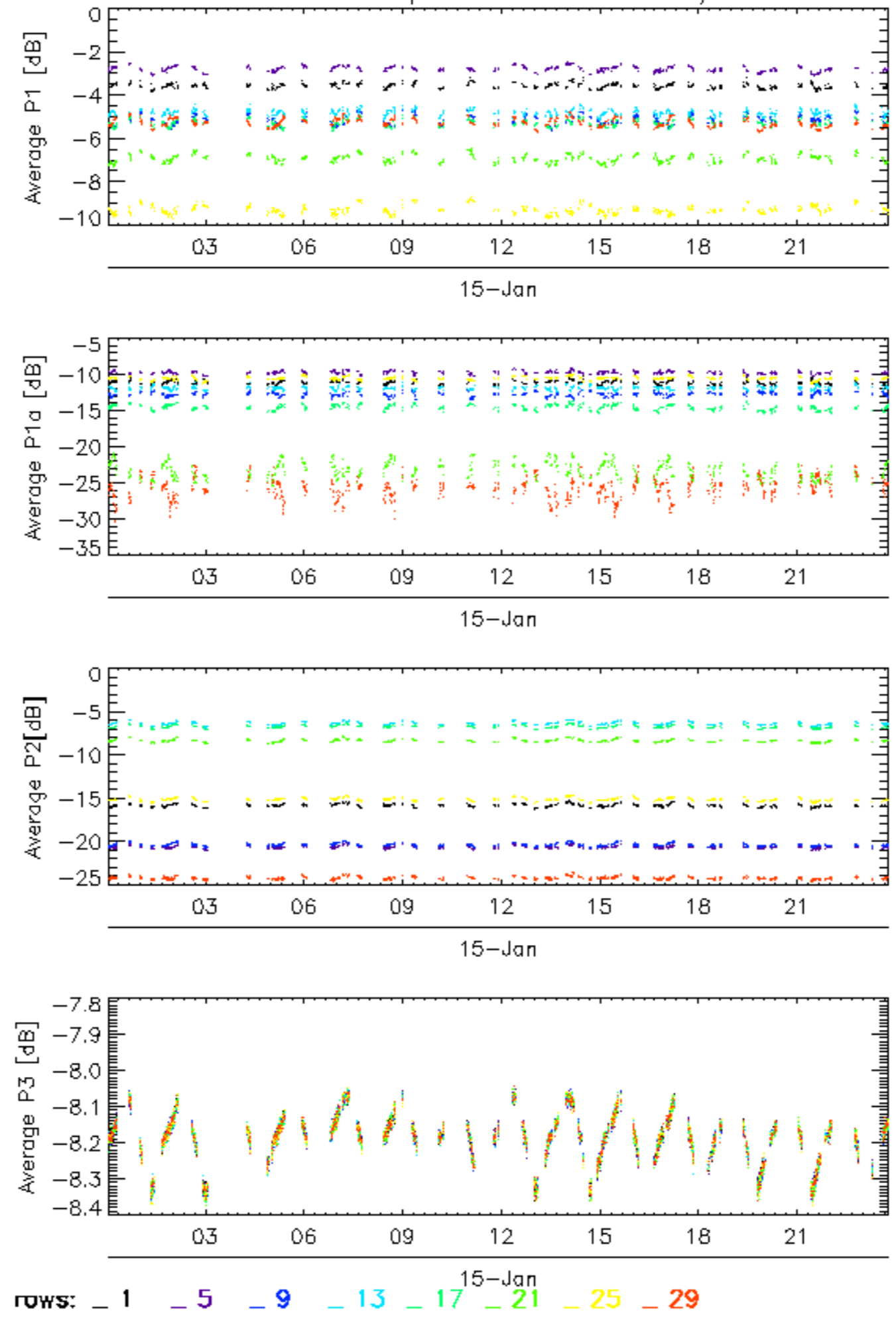
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20100115_000210_000000672086_00045_41181_5225.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_010501_000002752086_00045_41181_5226.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_020502_000001102086_00046_41182_5247.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_024426_000002942086_00046_41182_5248.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_042339_000003062086_00047_41183_5252.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_070505_000001102086_00049_41185_5272.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_072350_000000982086_00049_41185_5276.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_072619_000002692086_00049_41185_5277.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_084845_000000922086_00050_41186_5287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_092555_000003062086_00050_41186_5309.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_101103_000001162086_00051_41187_5310.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_115047_000002022086_00052_41188_5319.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_122611_000000862086_00052_41188_5325.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_134342_000001102086_00053_41189_5327.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_140226_000000922086_00053_41189_5328.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_142618_000001592086_00053_41189_5330.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_143051_000001282086_00053_41189_5331.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_151931_000001222086_00054_41190_5332.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_161144_000001282086_00054_41190_5326.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_163412_000002632086_00055_41191_5335.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_165559_000001162086_00055_41191_5336.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_165759_000001222086_00055_41191_5337.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_175236_000001102086_00055_41191_5334.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_181850_000000802086_00056_41192_5339.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_182413_000000862086_00056_41192_5341.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_193207_000001592086_00056_41192_5342.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_211007_000003672086_00057_41193_5354.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_212117_000002082086_00057_41193_5356.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_220332_000002692086_00058_41194_5371.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_225155_000003242086_00058_41194_5369.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100115_233033_000000982086_00059_41195_5389.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_060610_000001592086_00048_41184_5911.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_074546_000002452086_00049_41185_5929.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_084121_000001282086_00050_41186_5931.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_101622_000001412086_00051_41187_5951.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_101915_000002632086_00051_41187_5952.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_102415_000001712086_00051_41187_5953.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_115646_000003062086_00052_41188_5974.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_124709_000002752086_00052_41188_5993.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_133209_000003432086_00053_41189_5991.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_151155_000001842086_00054_41190_6015.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_151700_000002392086_00054_41190_6016.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_165229_000000672086_00055_41191_6036.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_165654_000000982086_00055_41191_6035.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_183220_000003302086_00056_41192_6056.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_200751_000002202086_00057_41193_6072.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_214703_000002262086_00058_41194_6079.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100115_215341_000002392086_00058_41194_6080.N1					OK	OK	OK	OK

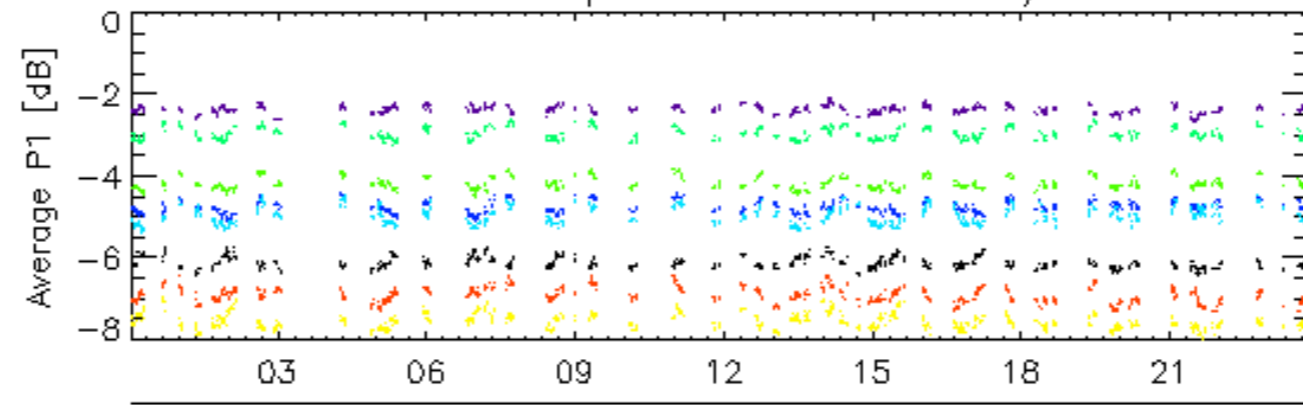
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20100115_004535_000005102086_00045_41181_5217.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_010933_000002992086_00045_41181_5219.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_011333_000003152086_00045_41181_5231.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_012639_000007342086_00046_41182_5233.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_021153_000013642086_00046_41182_5235.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_024918_000003002086_00046_41182_5237.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_041307_000001202086_00047_41183_5254.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_042849_000013492086_00047_41183_5260.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_053131_000006892086_00048_41184_5259.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_054427_000002242086_00048_41184_5256.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_202655_000020542086_00057_41193_5347.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_211616_000001942086_00057_41193_5348.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_211831_000001202086_00057_41193_5360.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_220947_000019192086_00058_41194_5362.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_225719_000002552086_00058_41194_5364.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_230049_000009292086_00058_41194_5374.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_231837_000006742086_00059_41195_5376.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100115_235005_000008992086_00059_41195_5378.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_054757_000003752086_00048_41184_5902.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_060923_000020392086_00048_41184_5904.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_073048_000003302086_00049_41185_5919.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_075001_000019792086_00049_41185_5921.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100115_093058_000020842086_00050_41186_5944.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_103830_000011392086_00051_41187_5965.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_111120_000020692086_00051_41187_5968.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_120208_000010942086_00052_41188_5978.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100115_125148_000004052086_00052_41188_5981.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_130610_000005692086_00052_41188_5980.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_131642_000001642086_00053_41189_5985.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_134532_000007192086_00053_41189_5999.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_141259_000003452086_00053_41189_6003.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_143304_000004502086_00053_41189_6006.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_144507_000004792086_00053_41189_6009.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_153419_000001342086_00054_41190_6022.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_153844_000012442086_00054_41190_6025.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_161349_000011842086_00054_41190_6028.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_171533_000014692086_00055_41191_6046.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_175427_000000752086_00055_41191_6045.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100115_175717_000011392086_00055_41191_6050.N1					OK	OK	OK	OK
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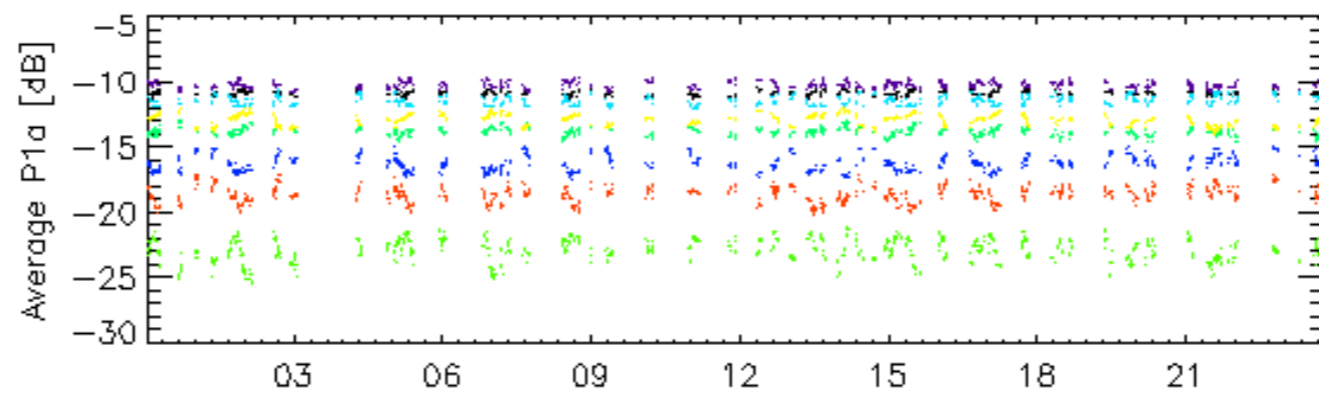
Calibration pulses for GM1 SS3 H/H



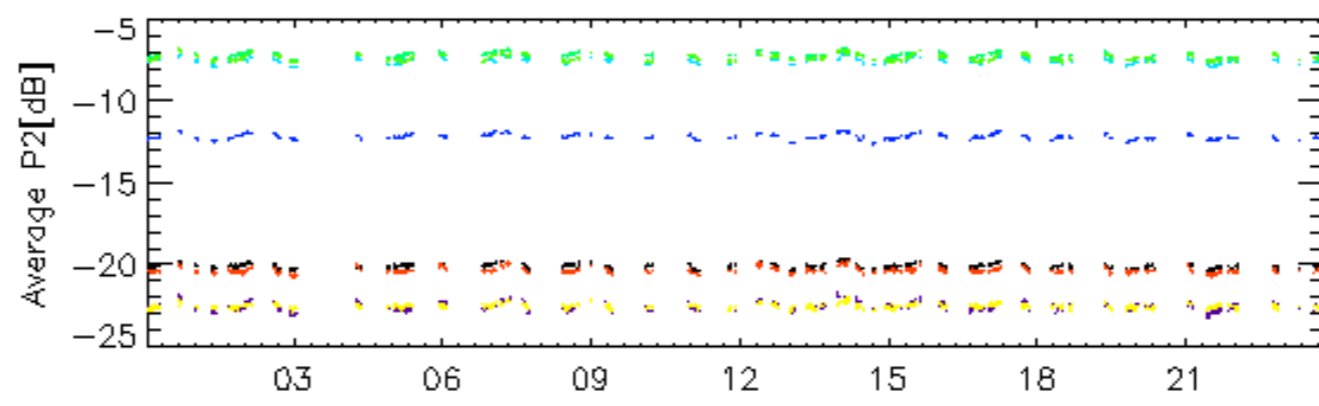
Calibration pulses for GM1 SS3 H/H



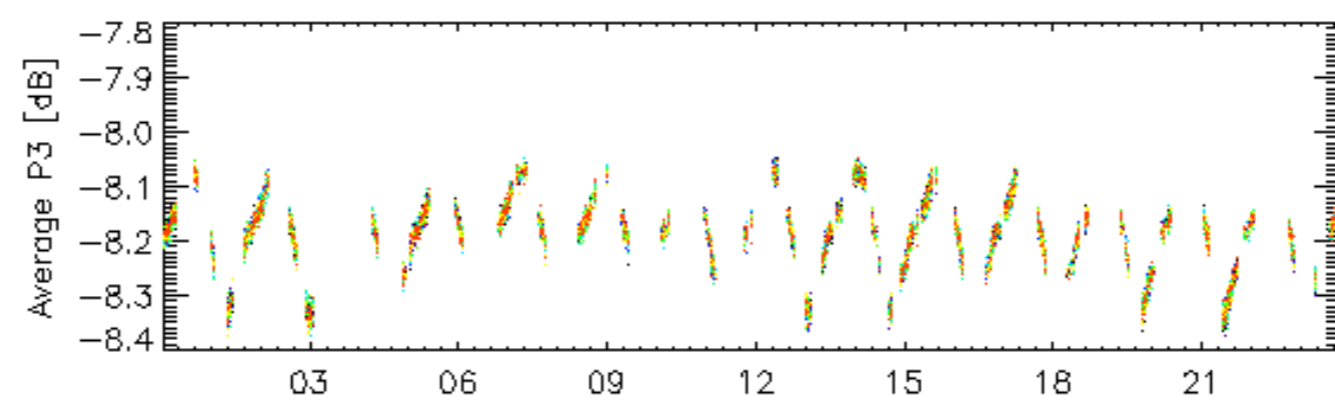
15-Jan



15-Jan



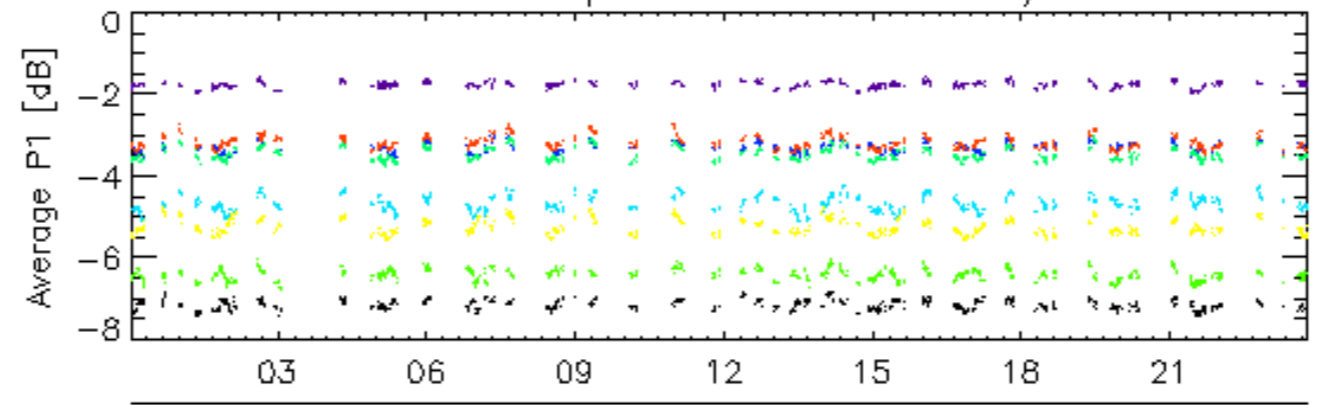
15-Jan



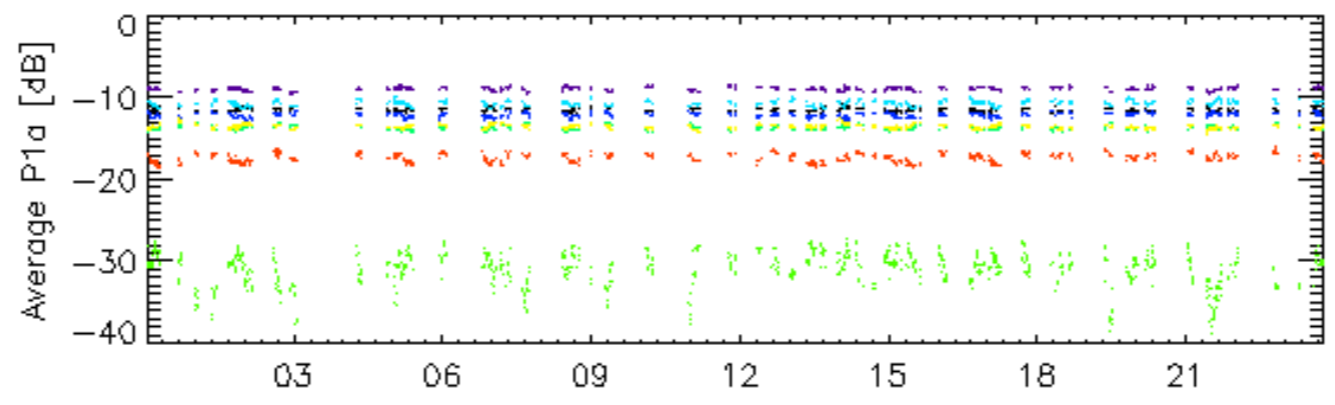
15-Jan

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

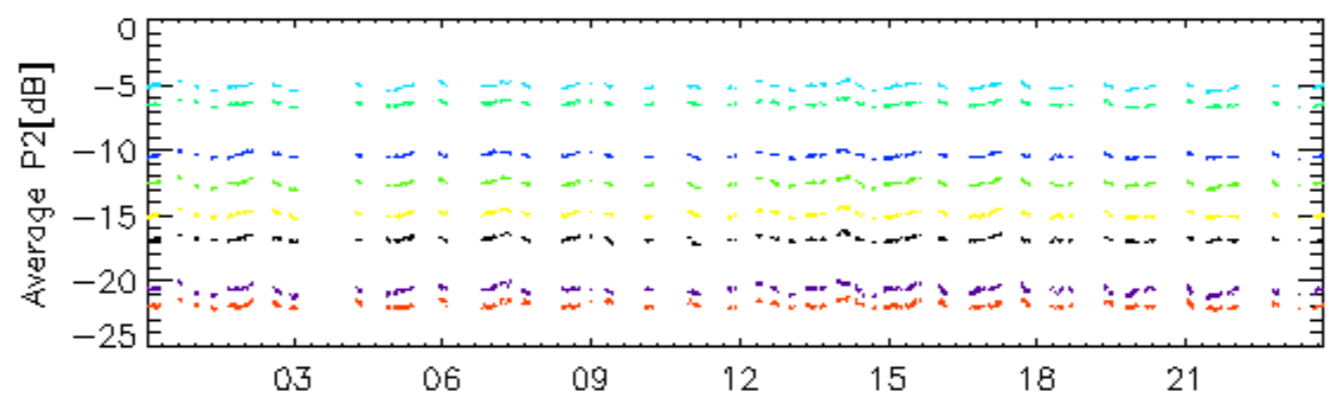
Calibration pulses for GM1 SS3 H/H



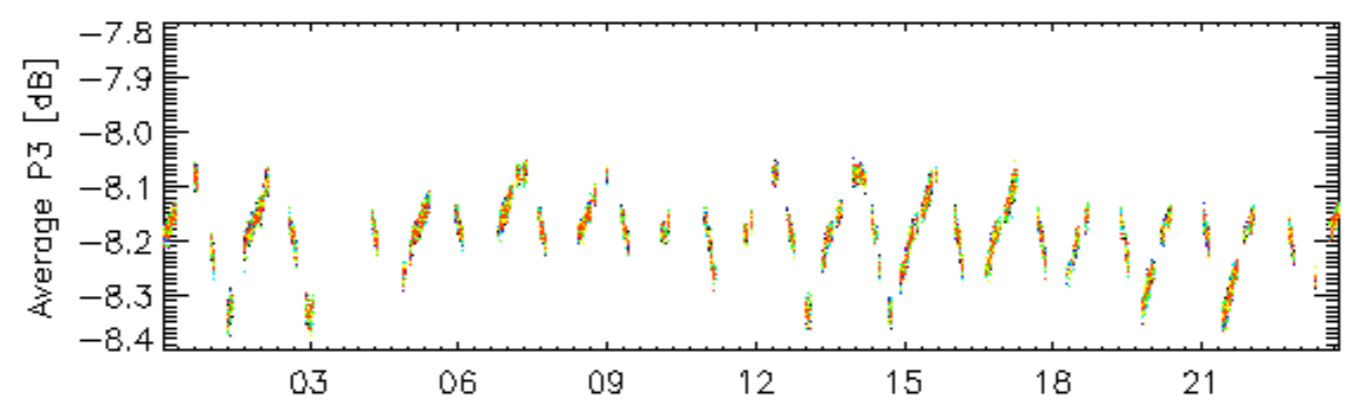
15-Jan



15-Jan



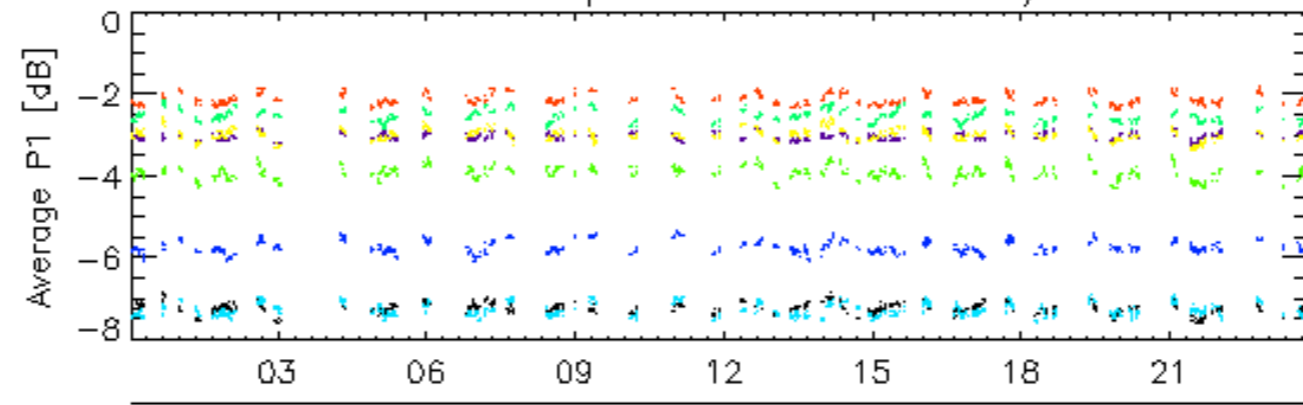
15-Jan



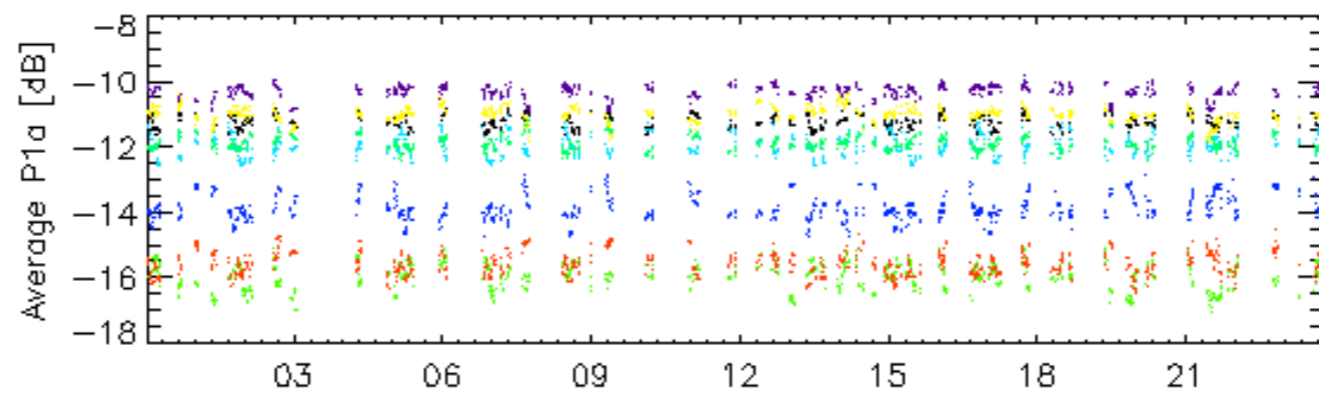
15-Jan

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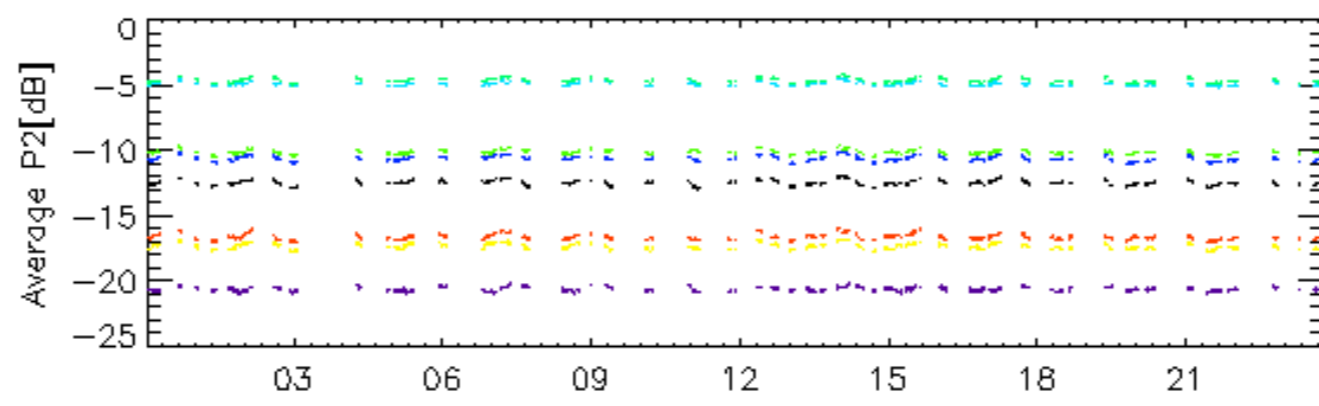
Calibration pulses for GM1 SS3 H/H



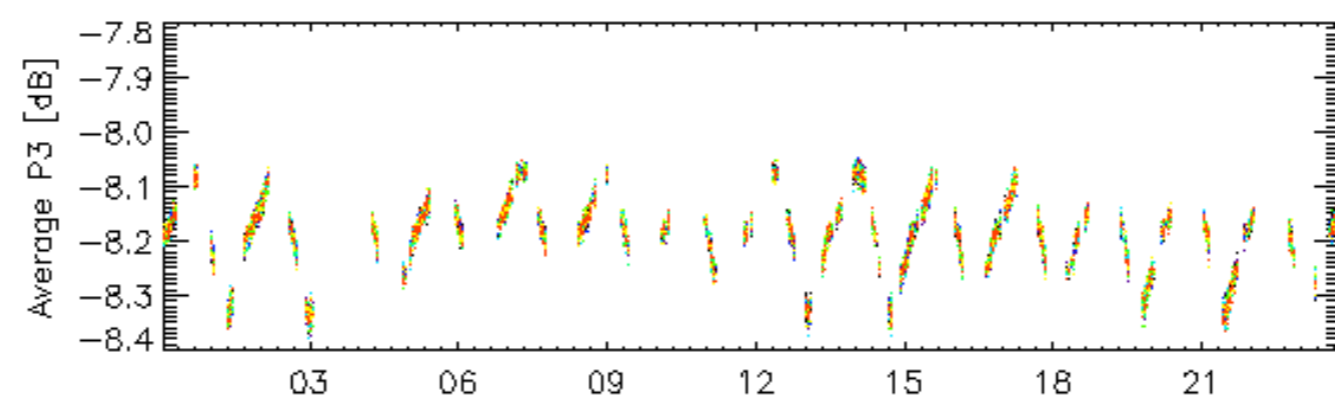
15-Jan



15-Jan



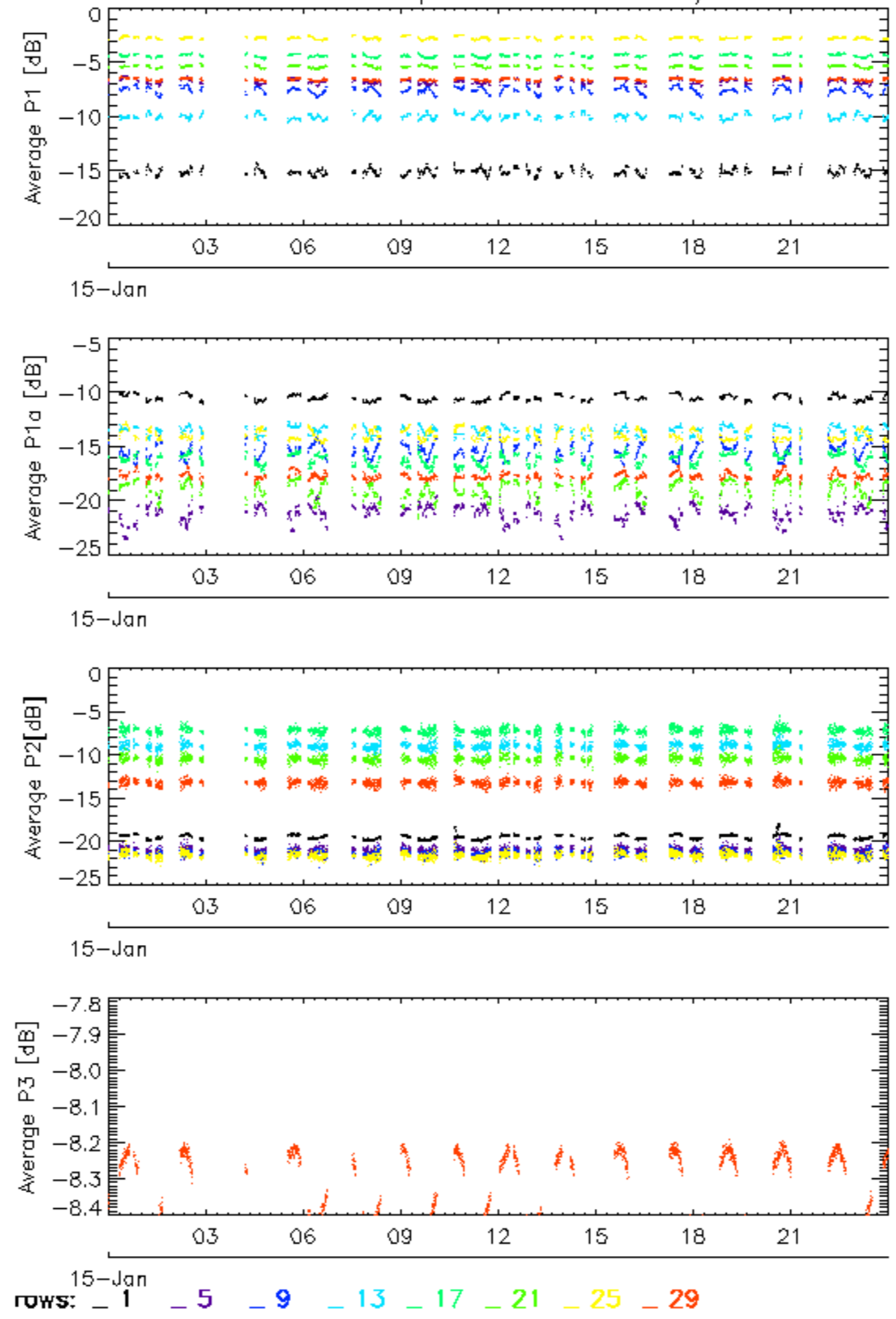
15-Jan



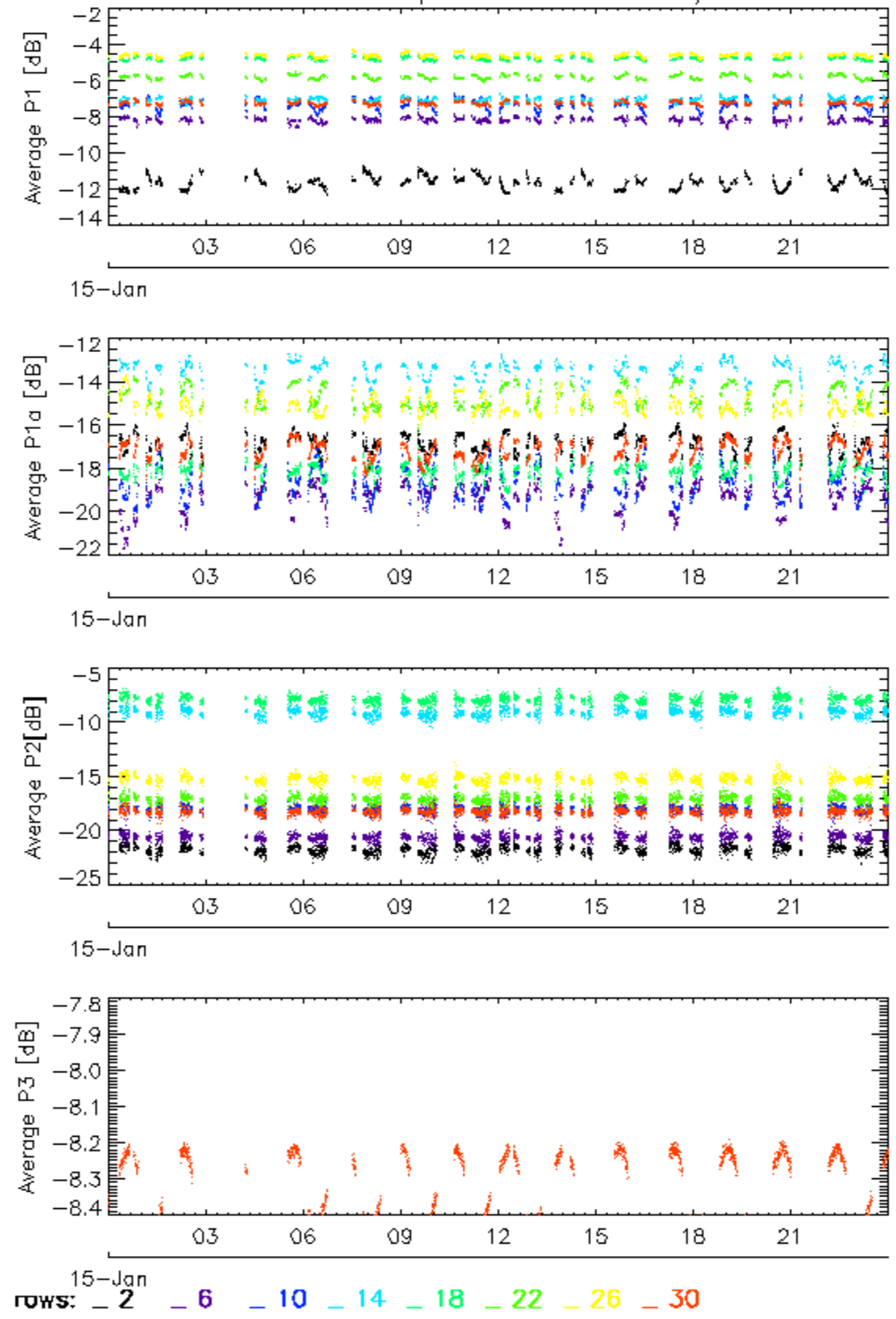
15-Jan

rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

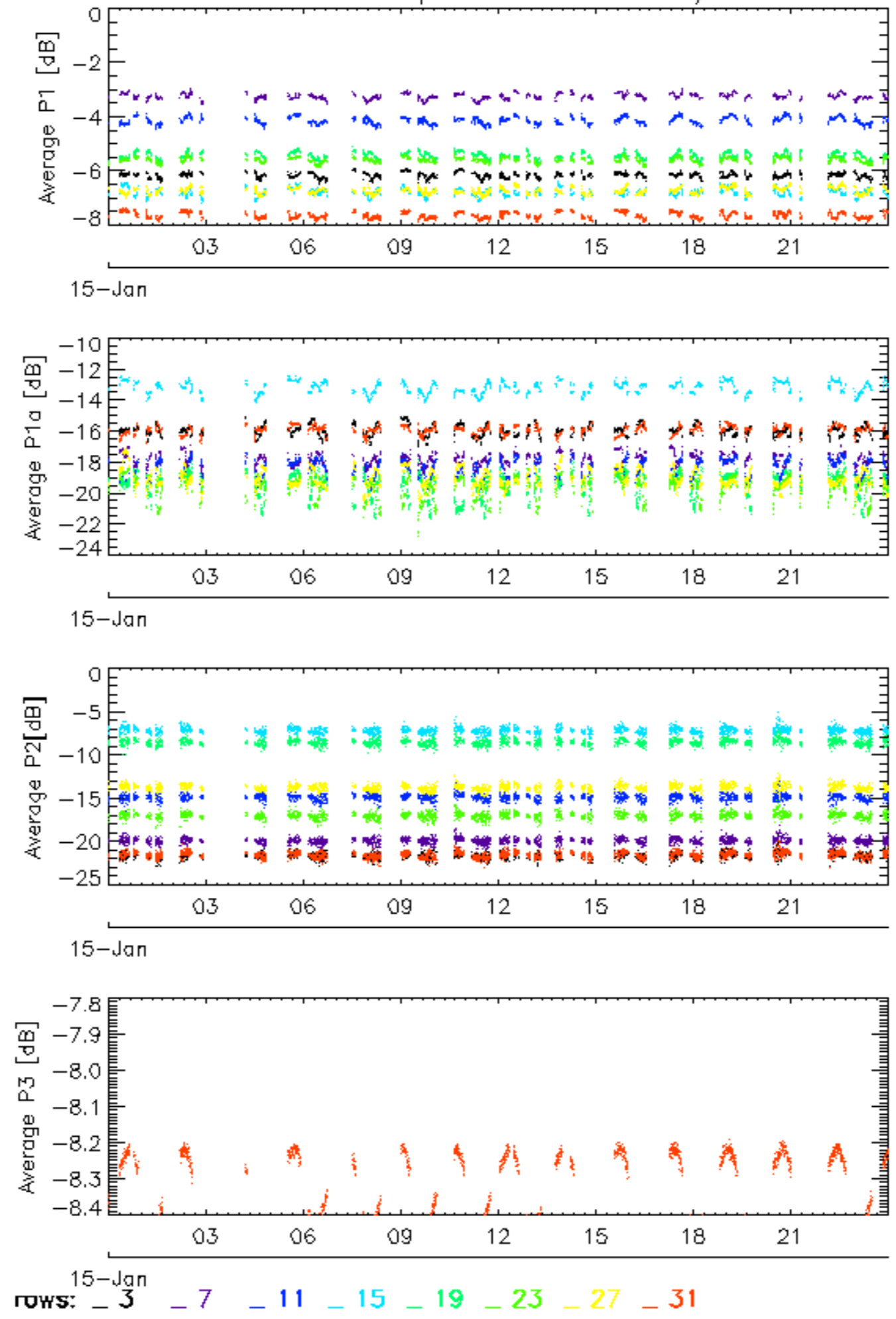
Calibration pulses for WVS IS2 V/V



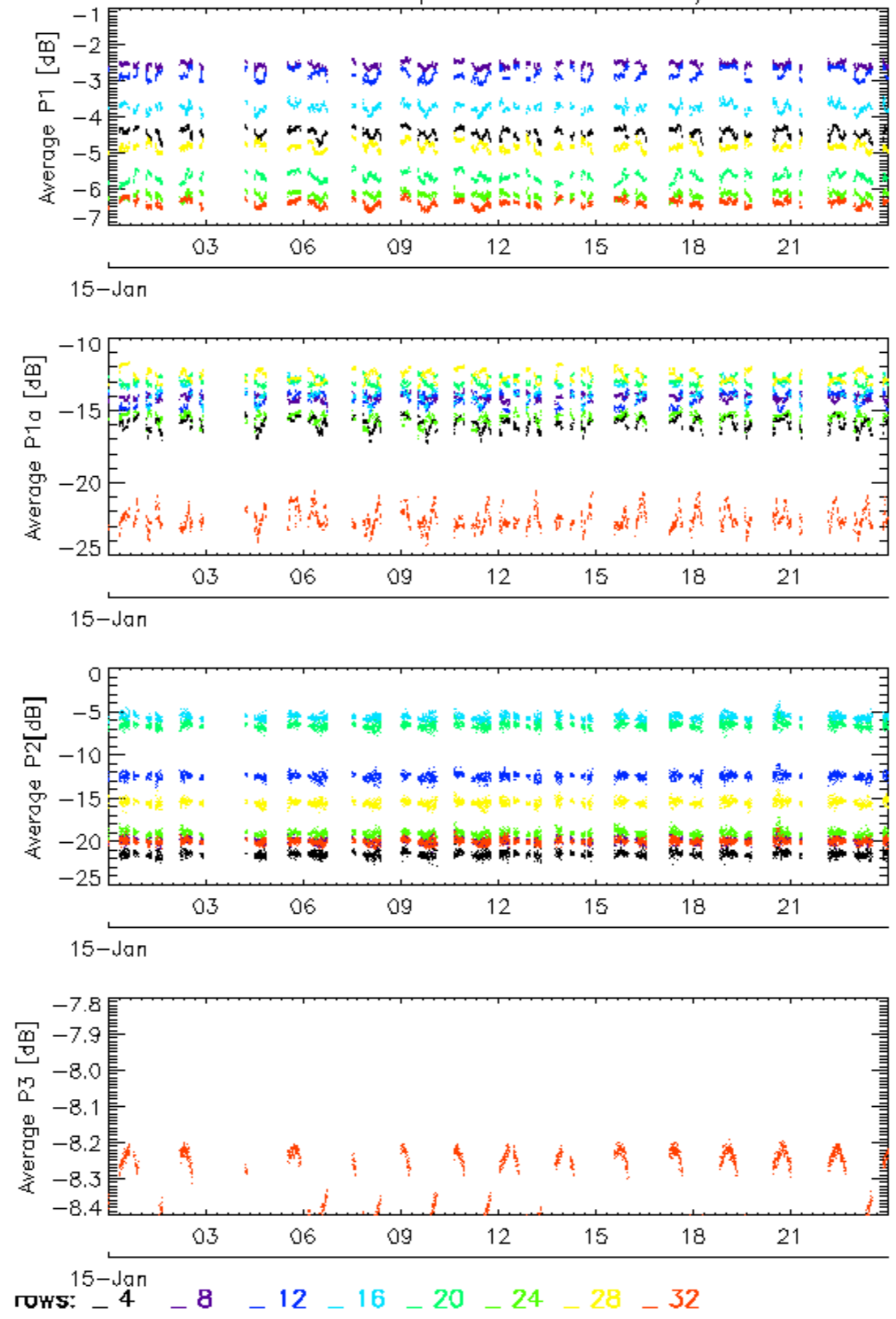
Calibration pulses for WVS IS2 V/V

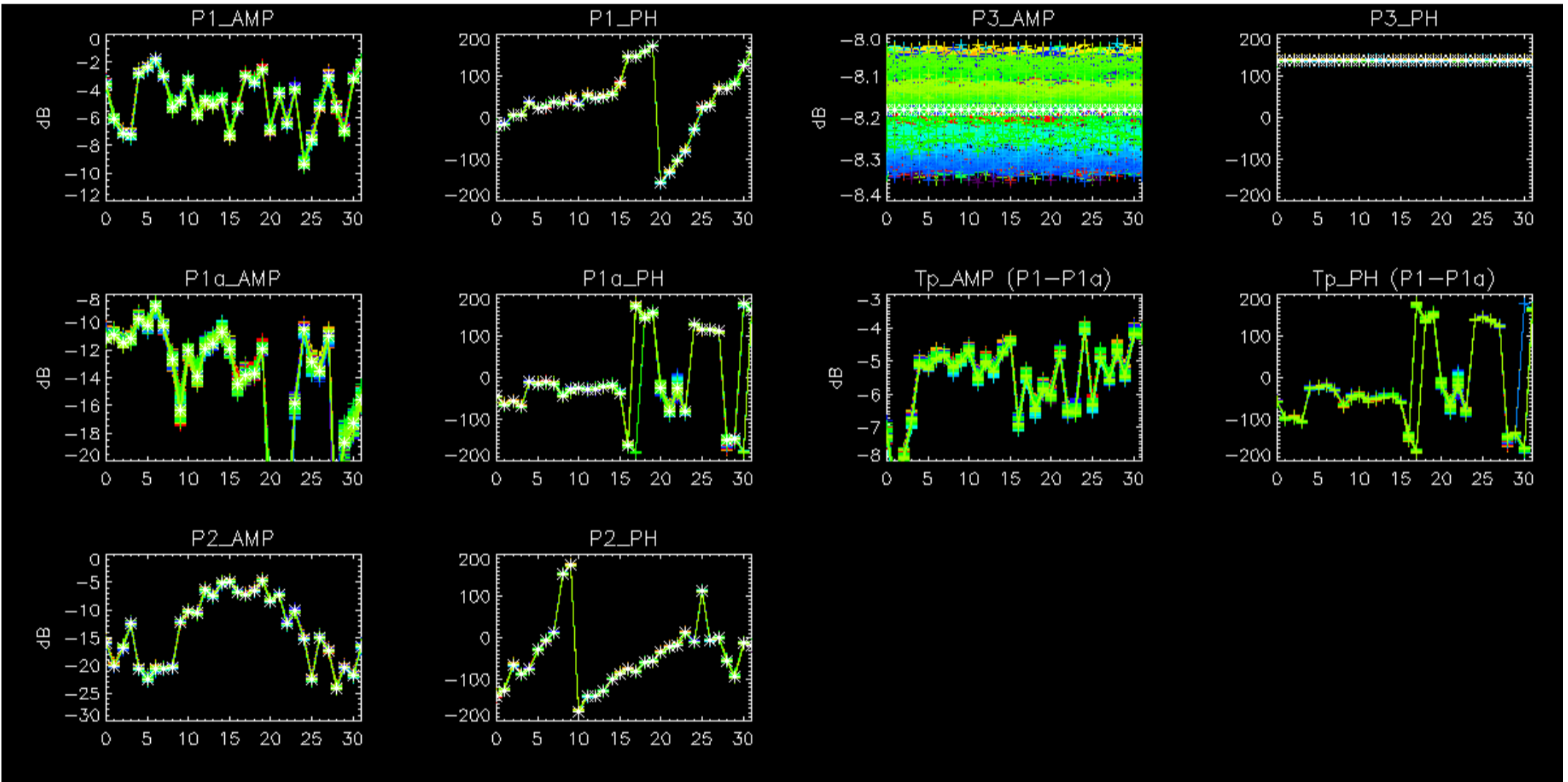


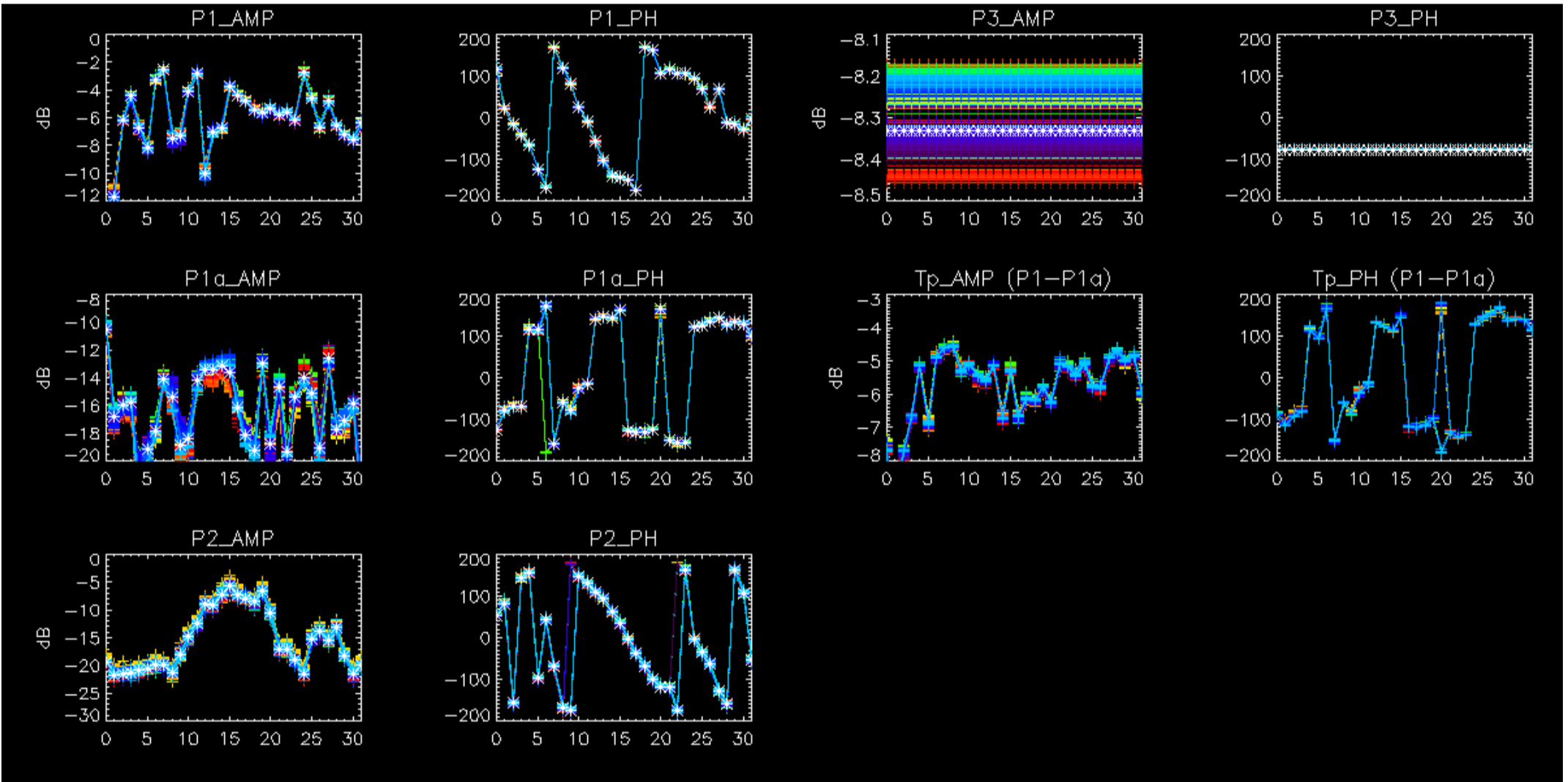
Calibration pulses for WVS IS2 V/V

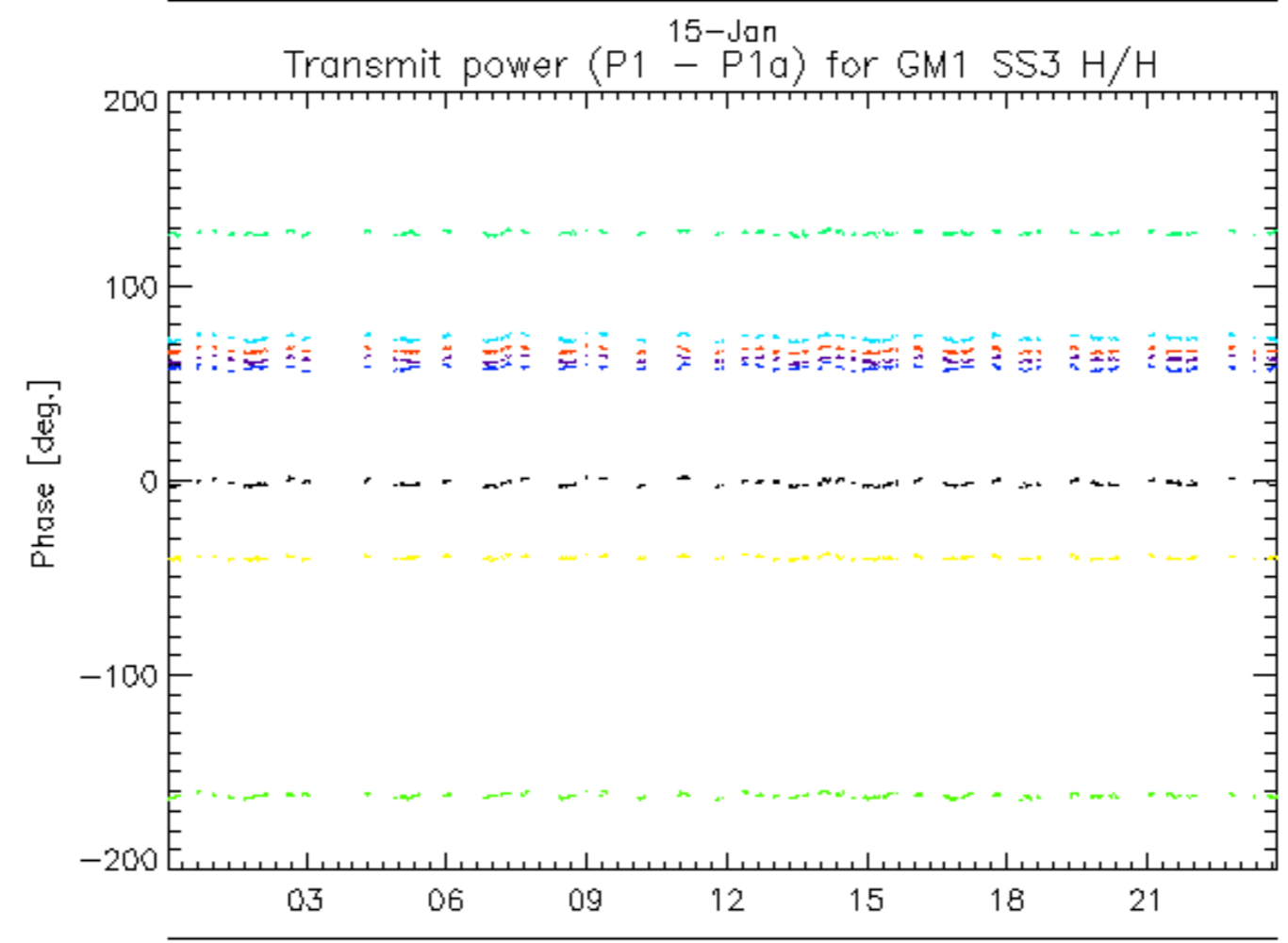
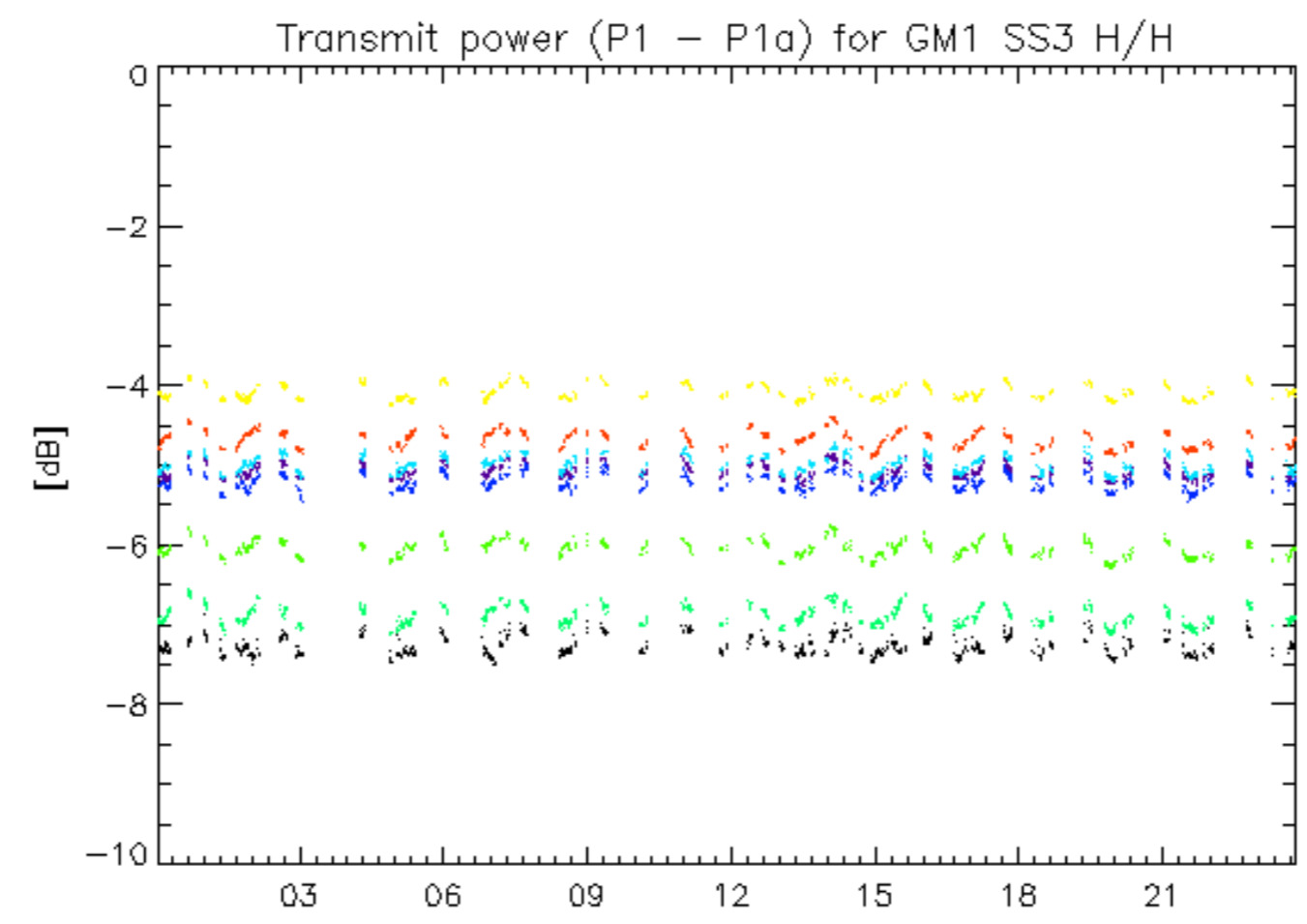


Calibration pulses for WVS IS2 V/V

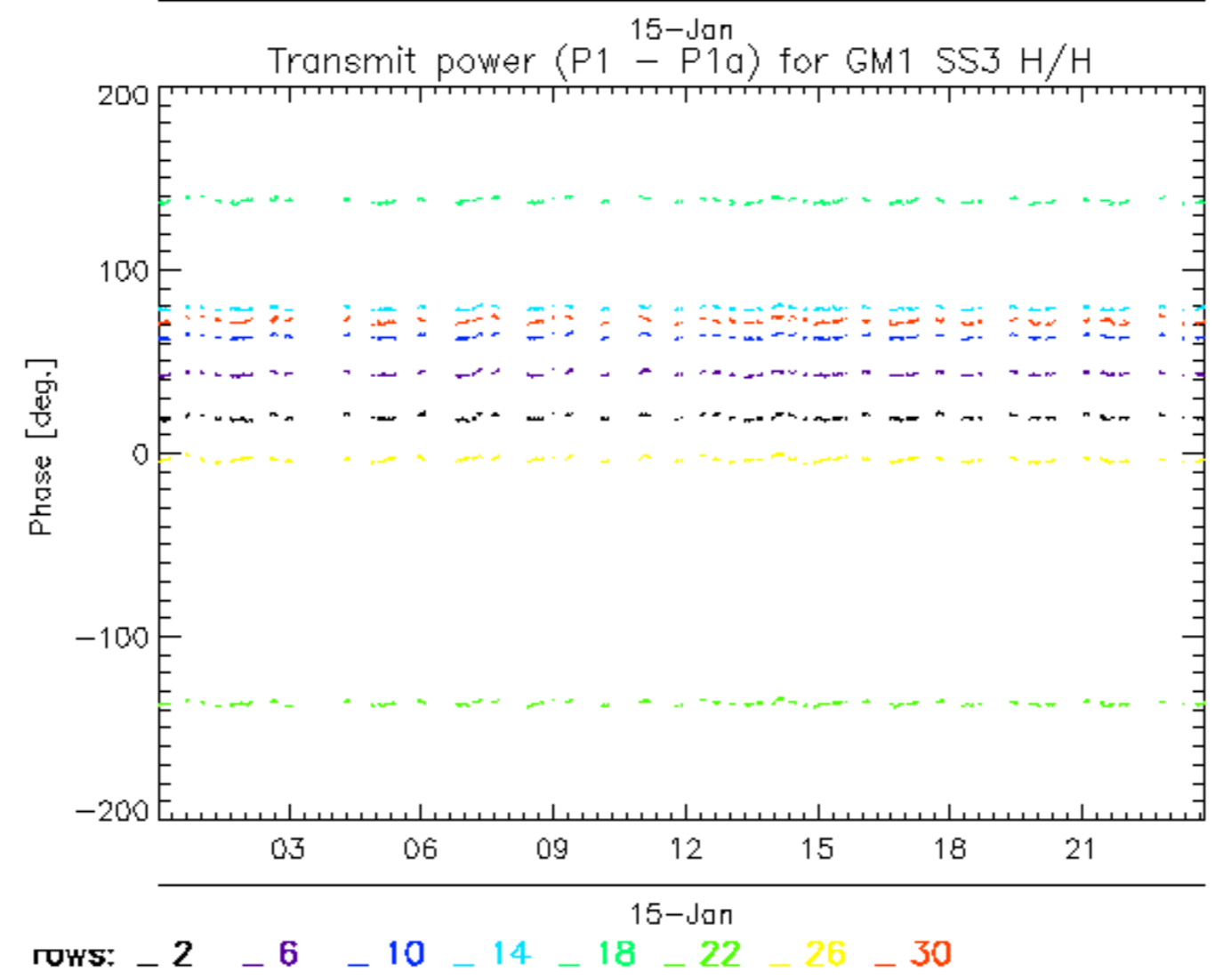
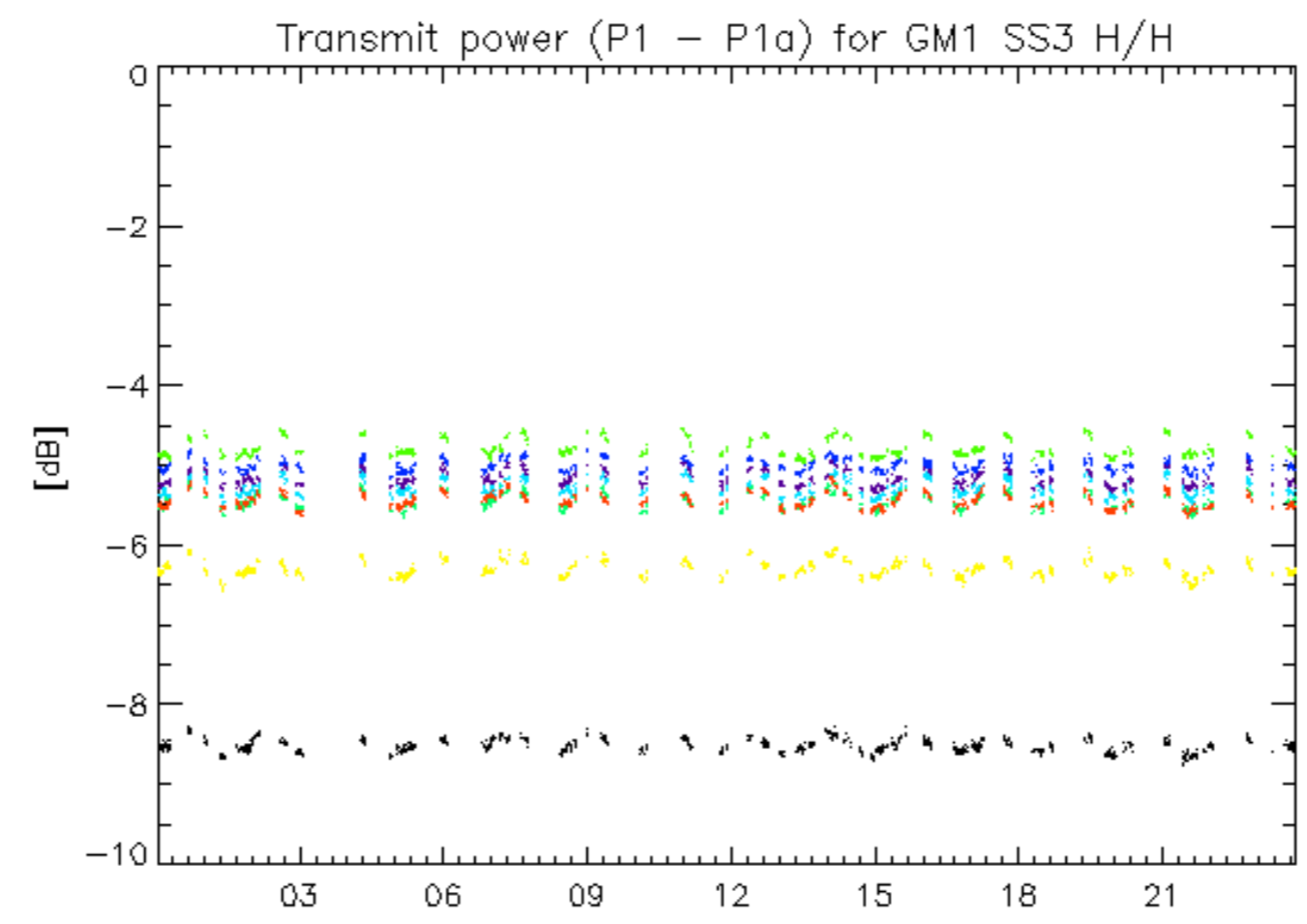


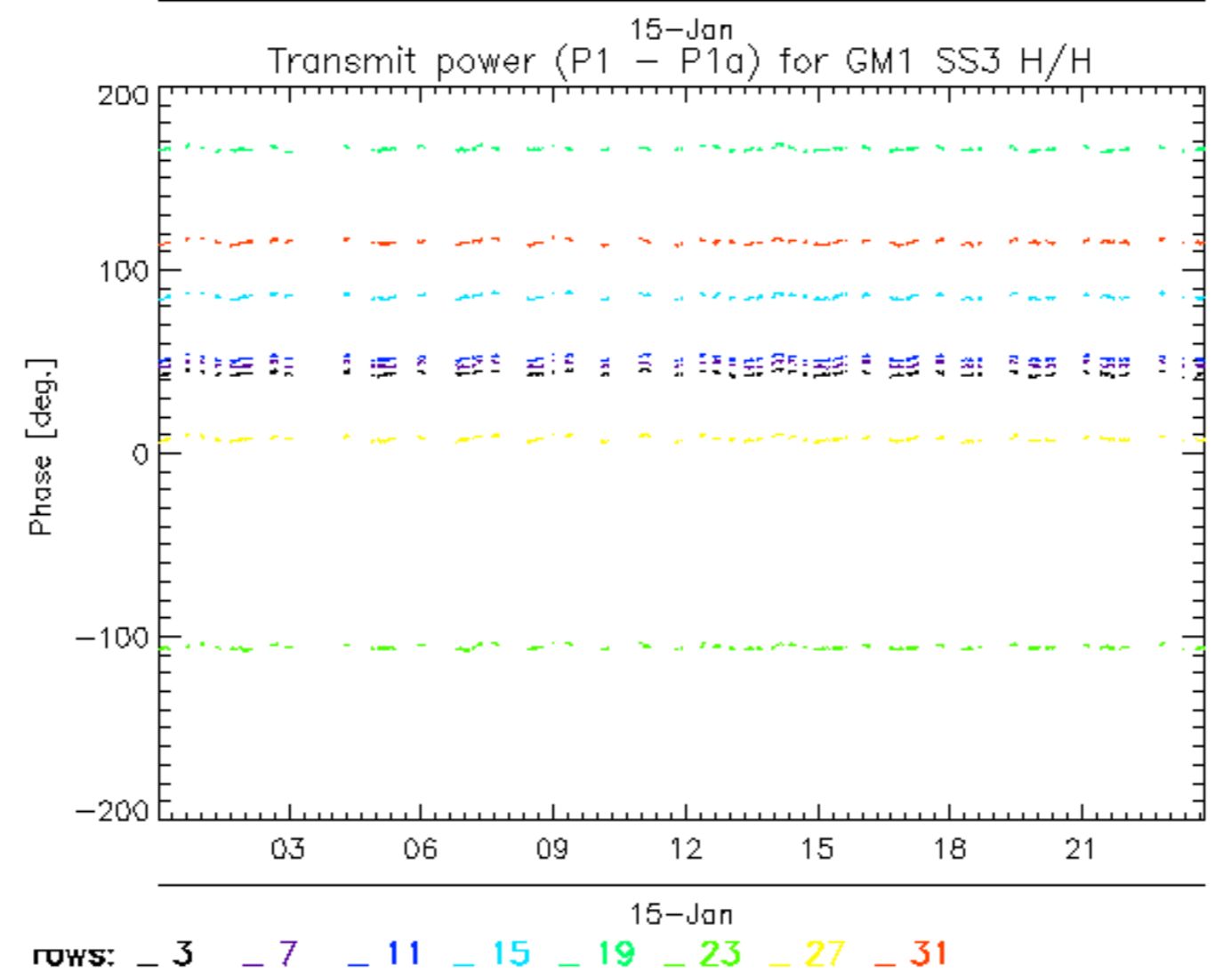
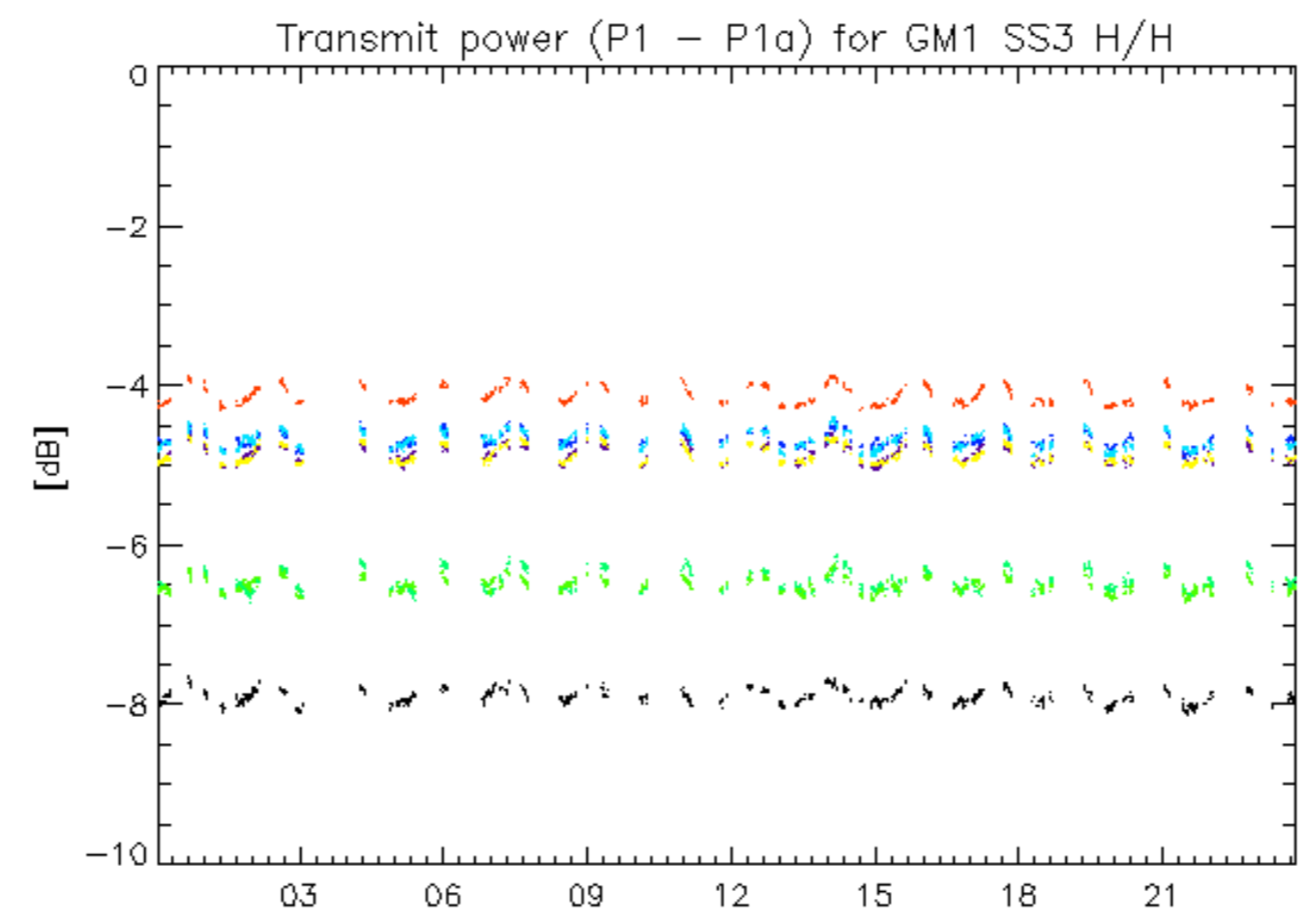


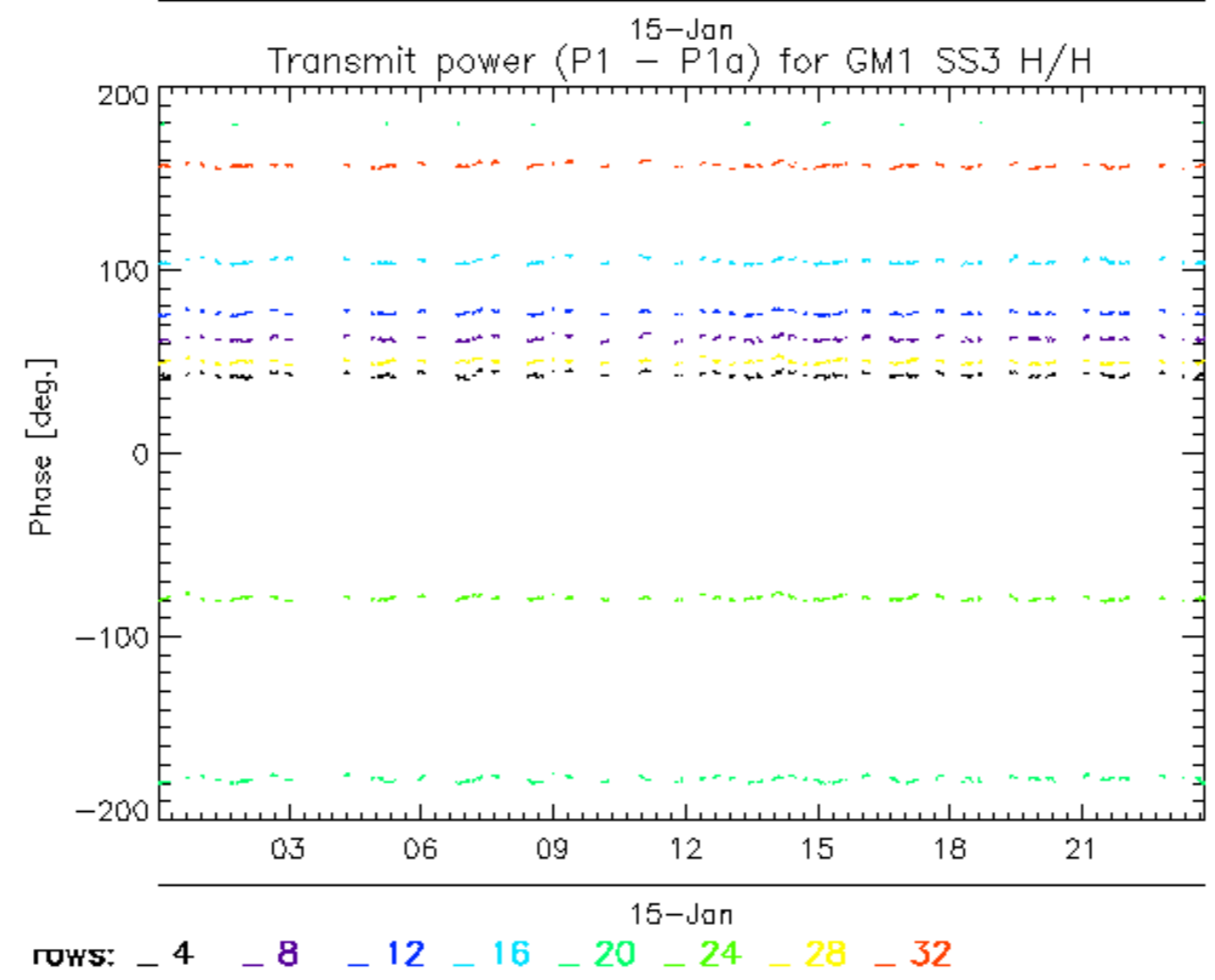
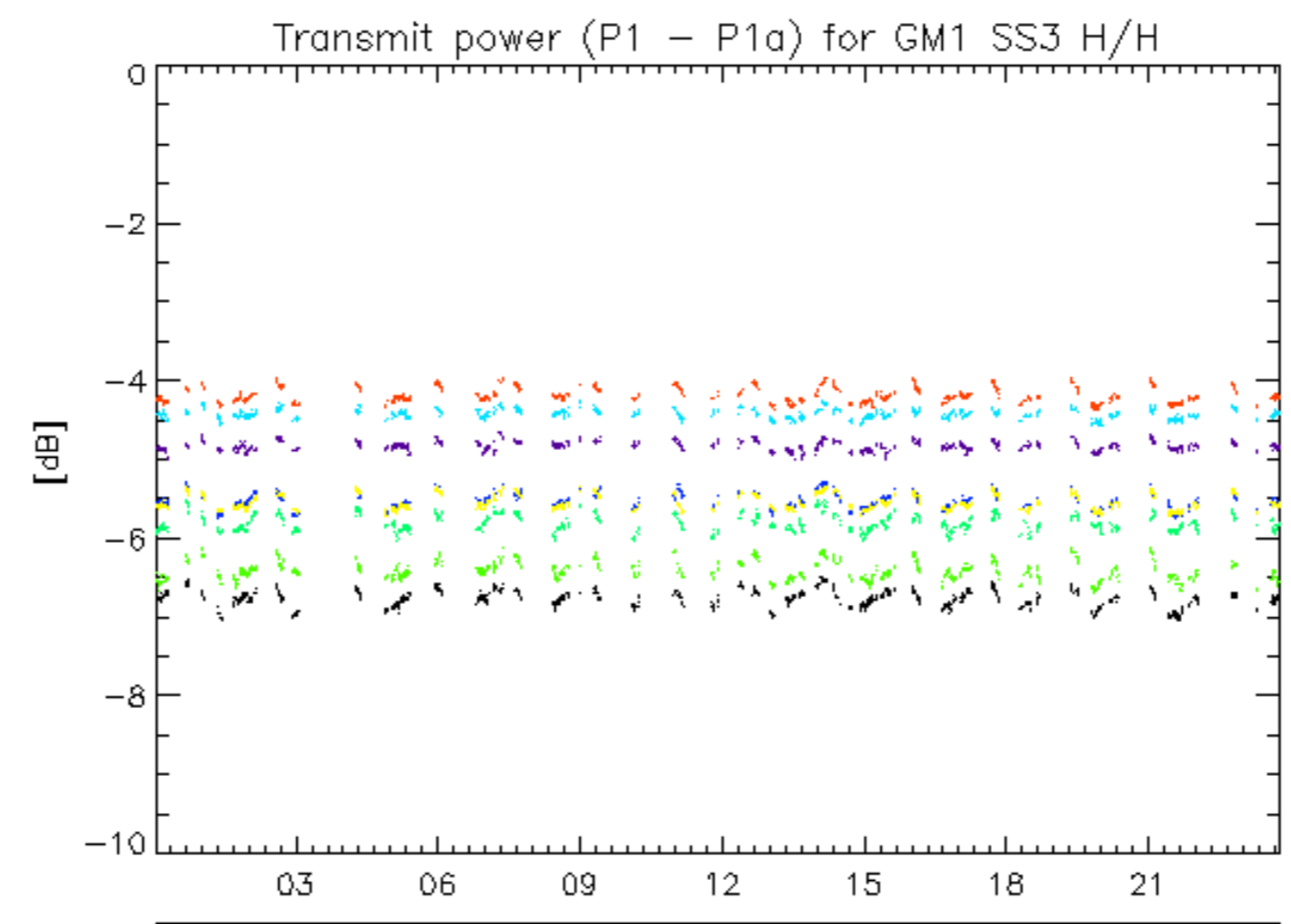


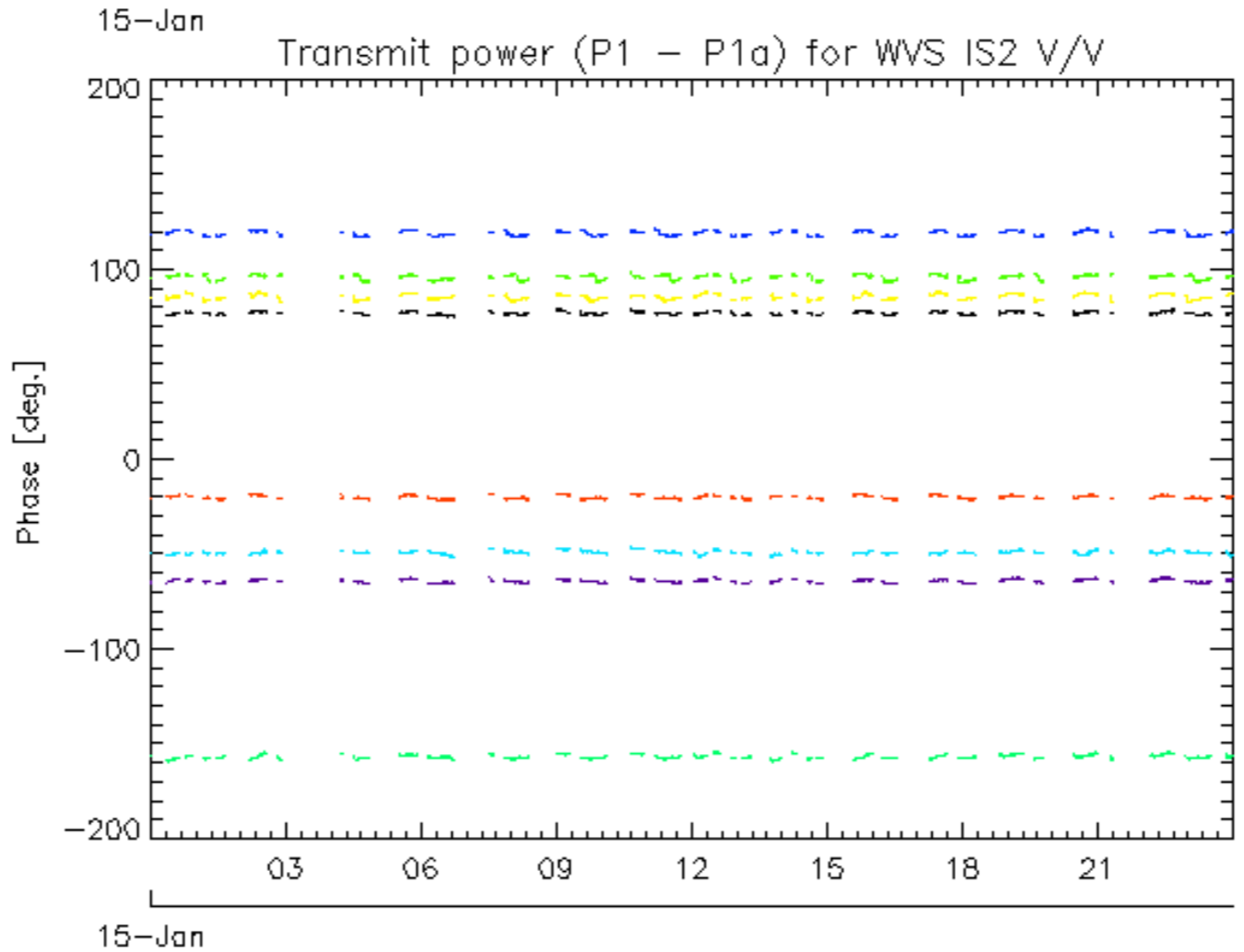
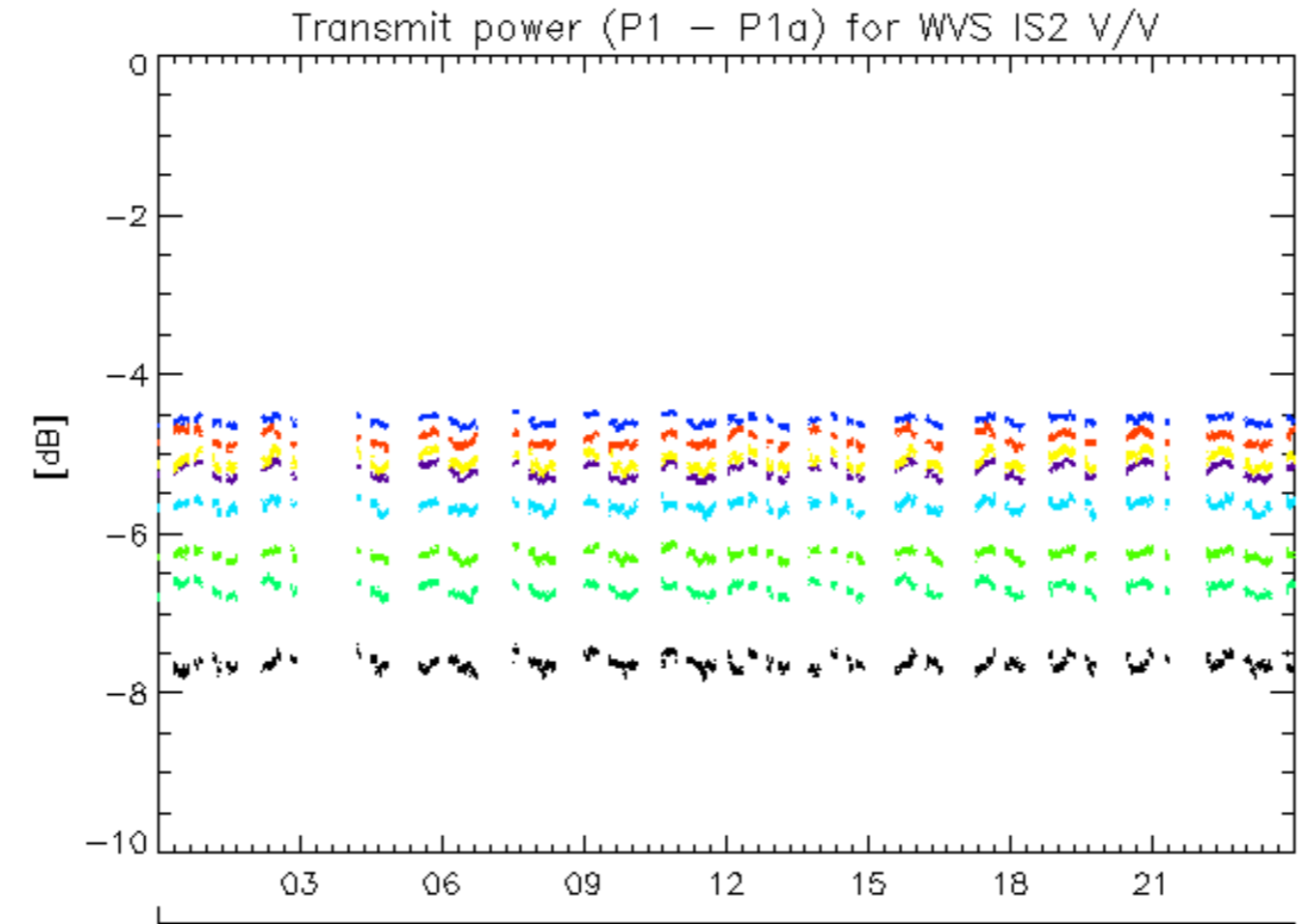


15-Jan
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

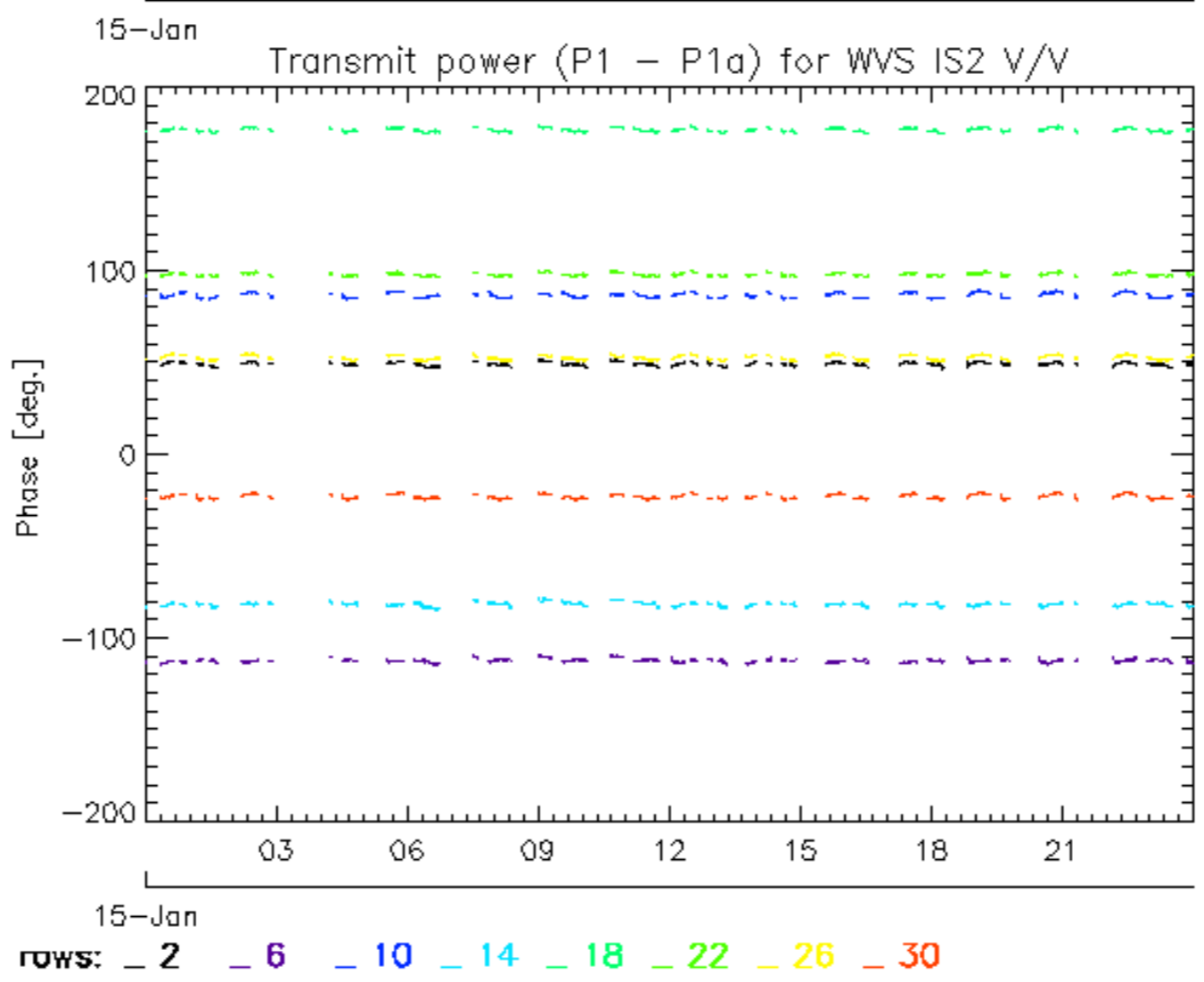
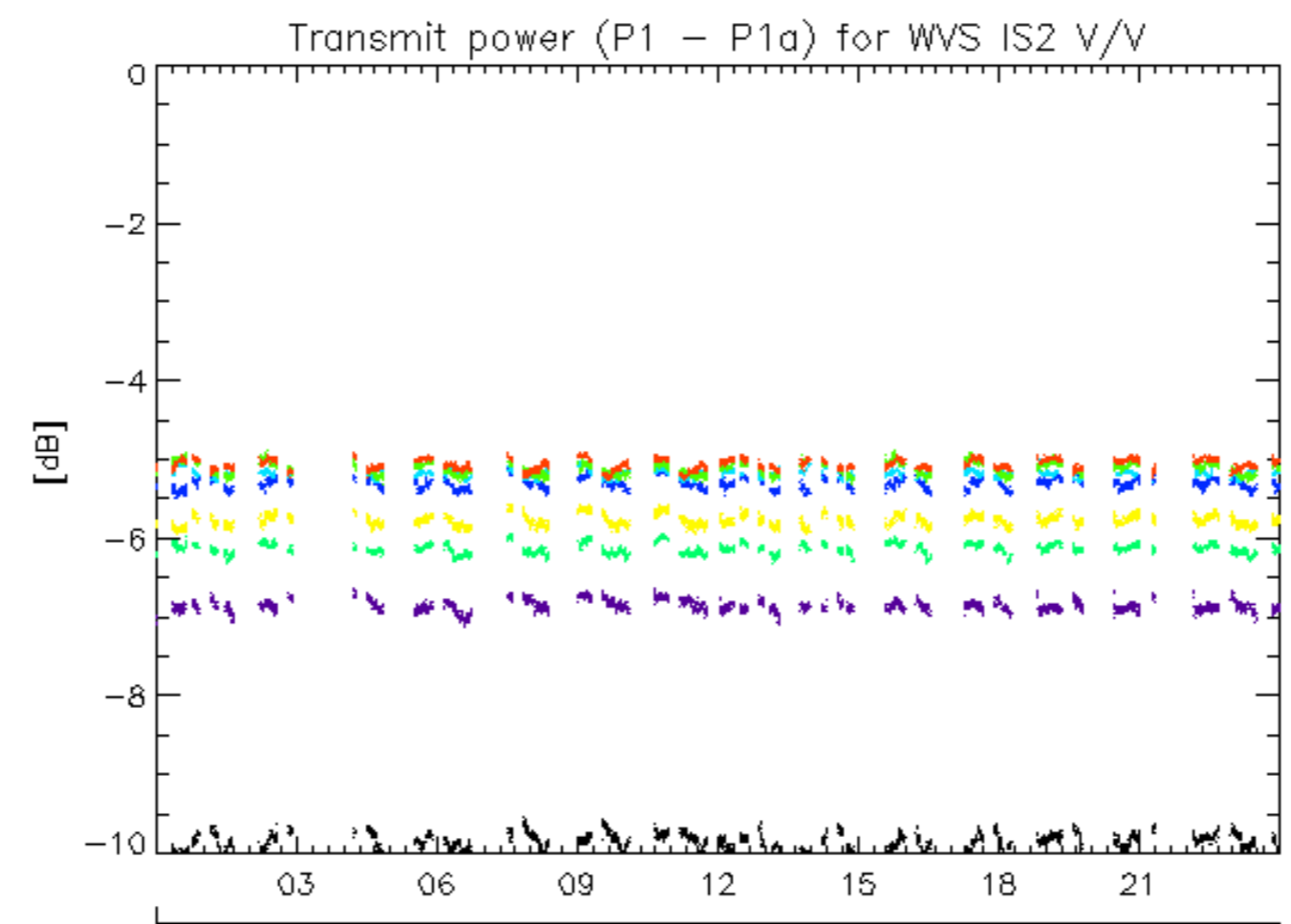


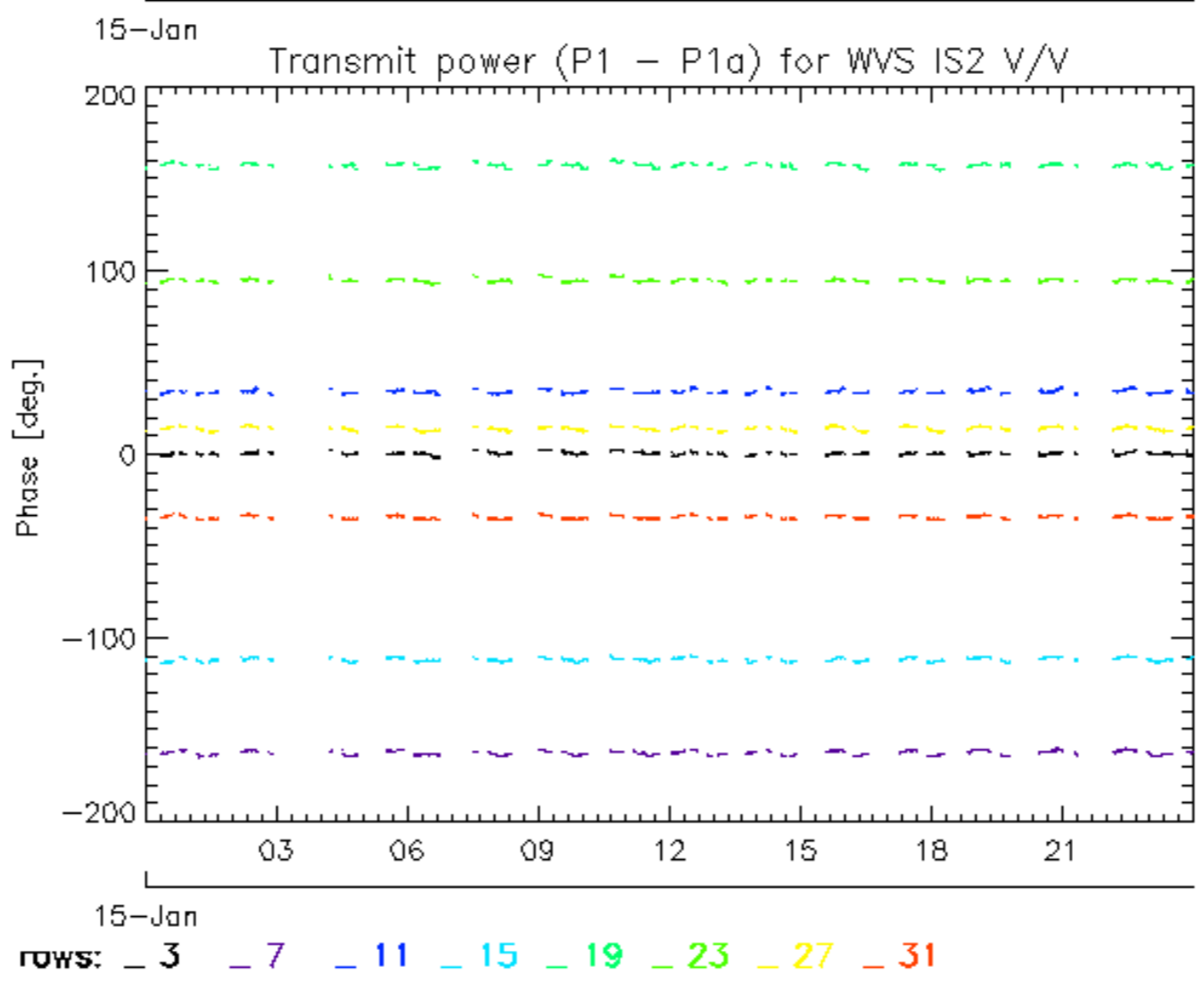
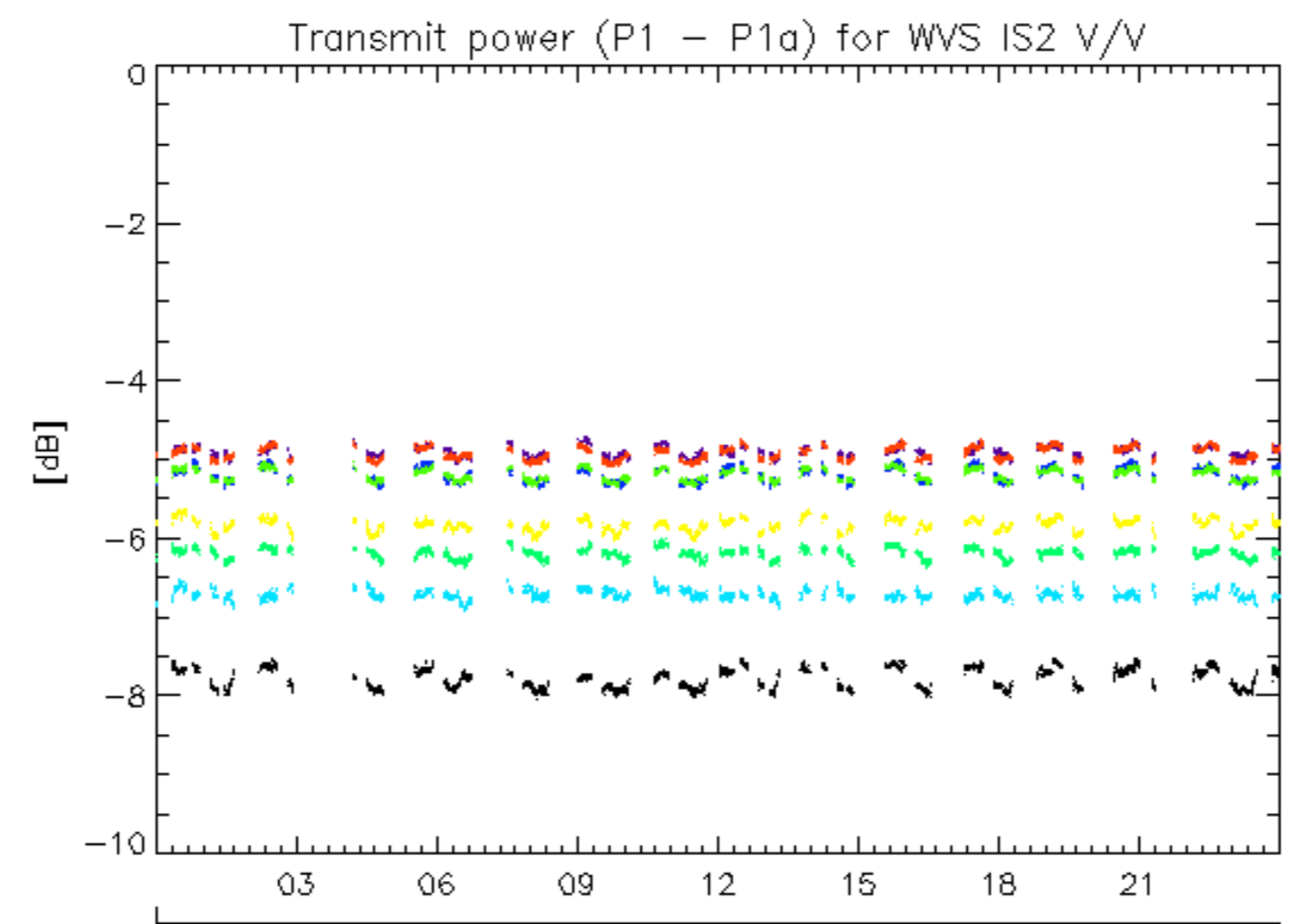


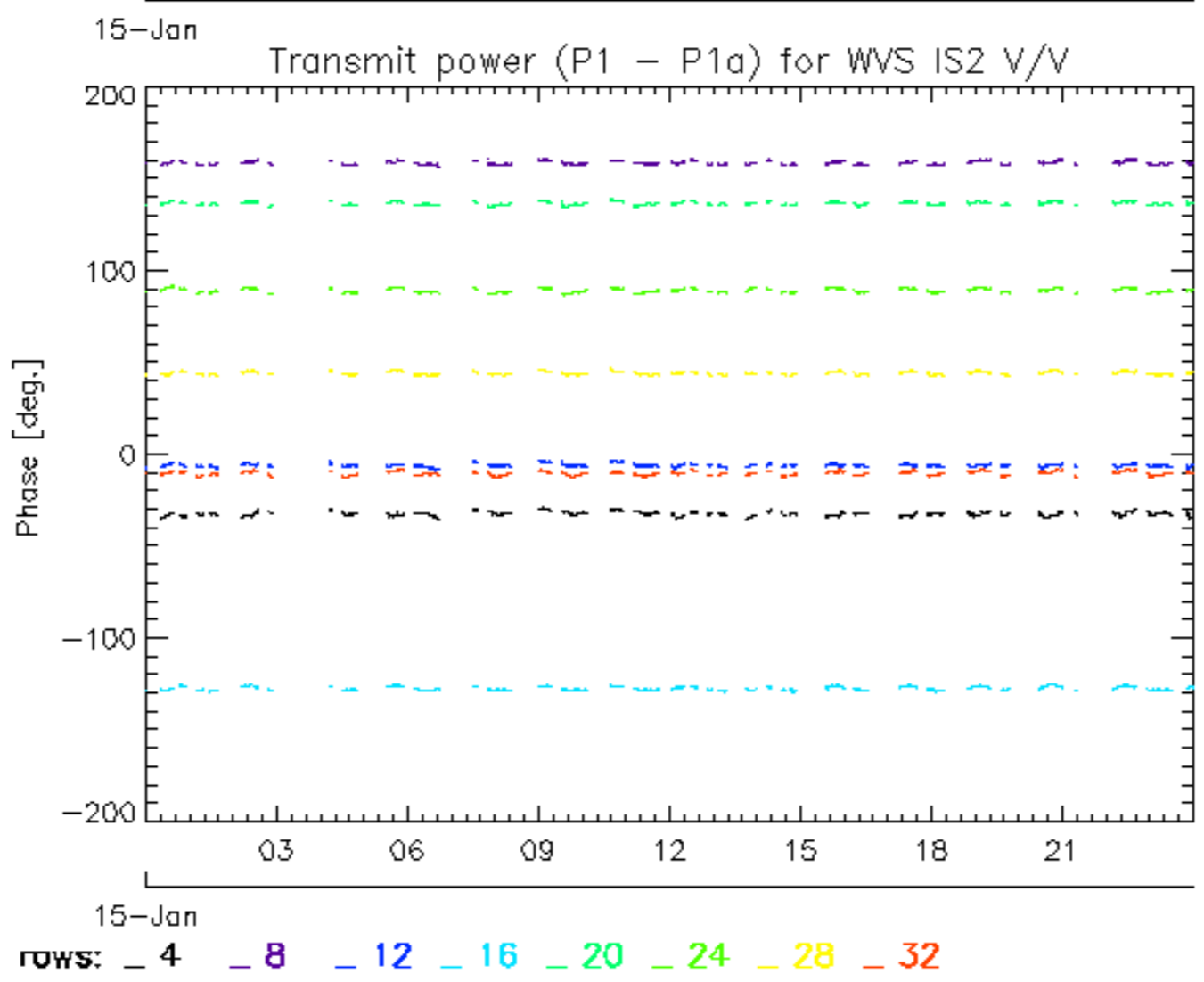
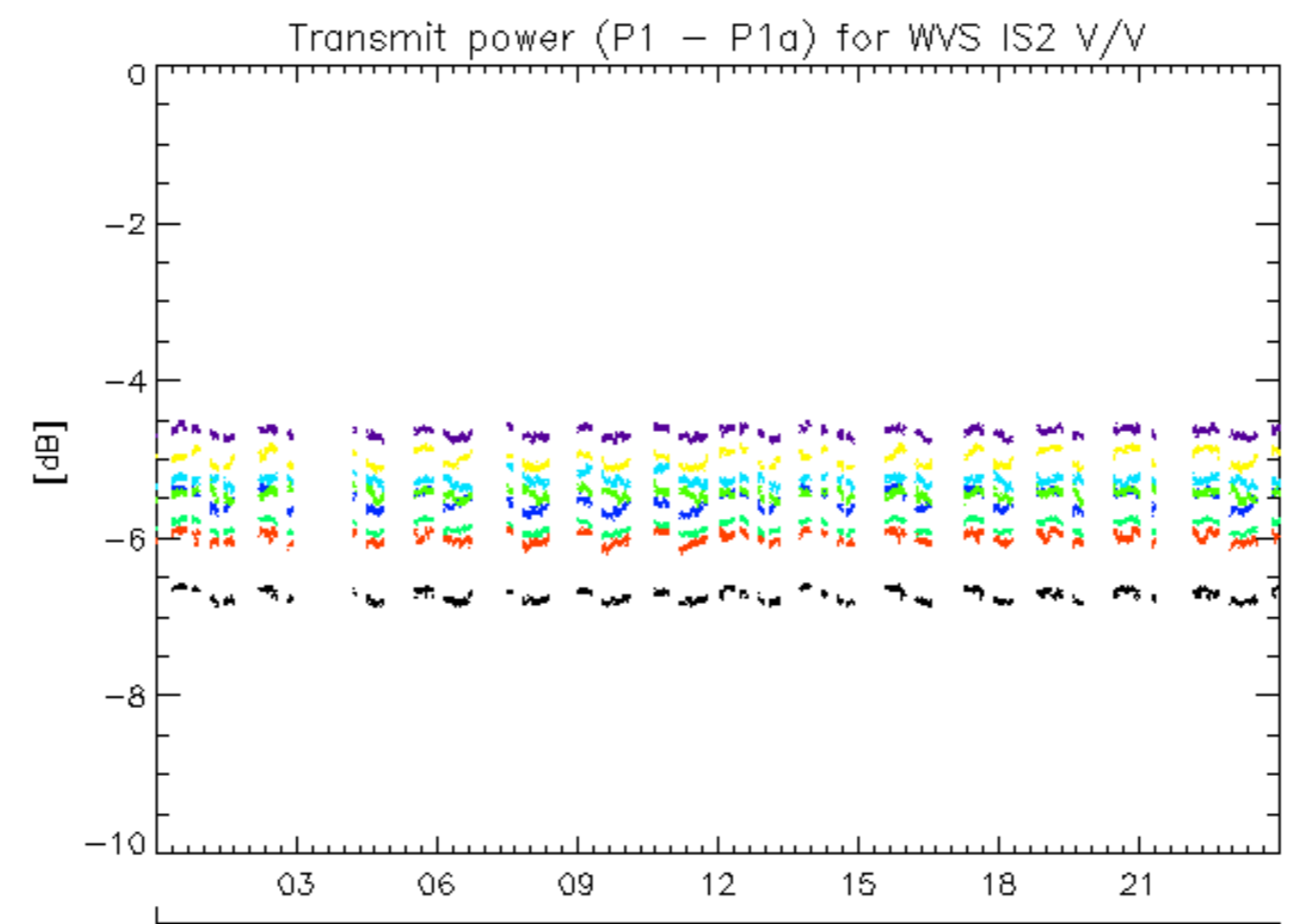


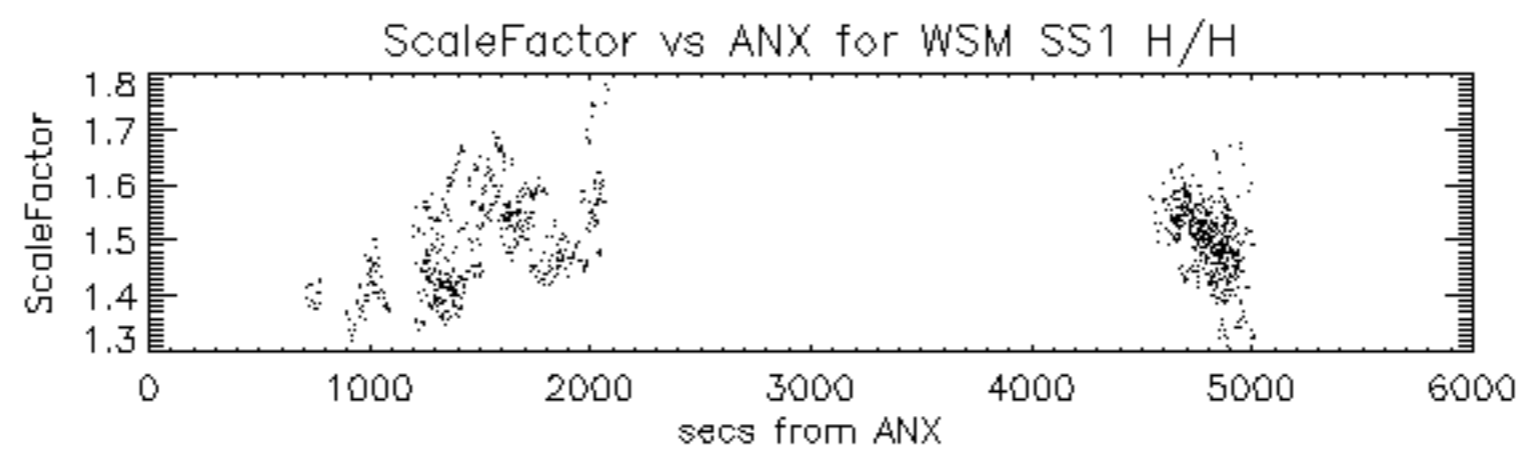


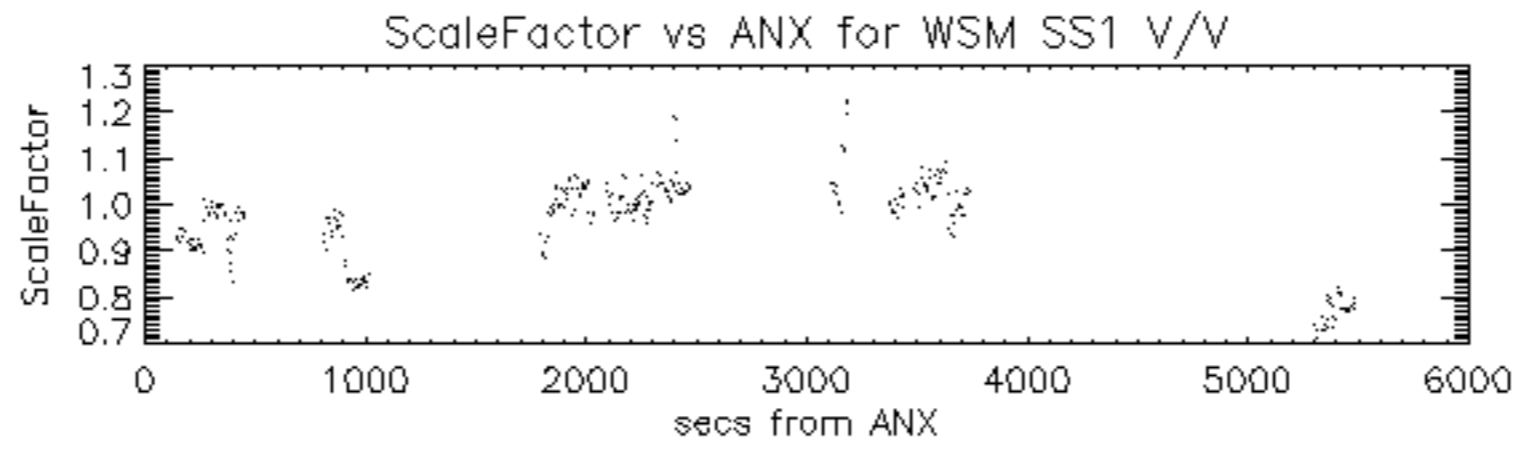
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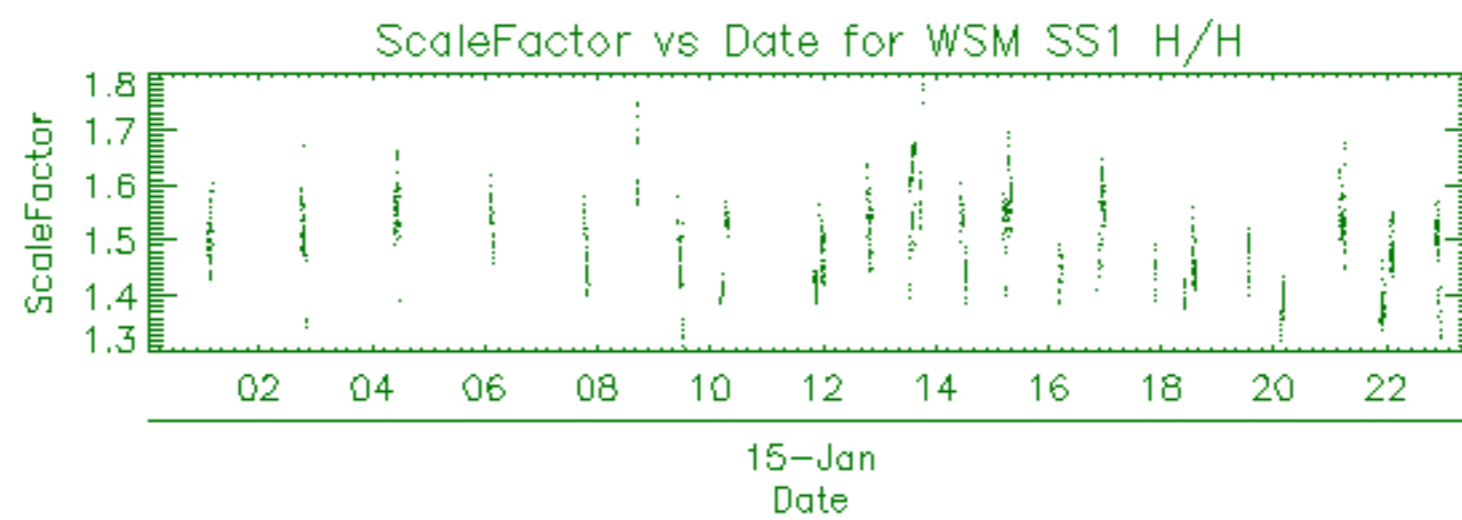


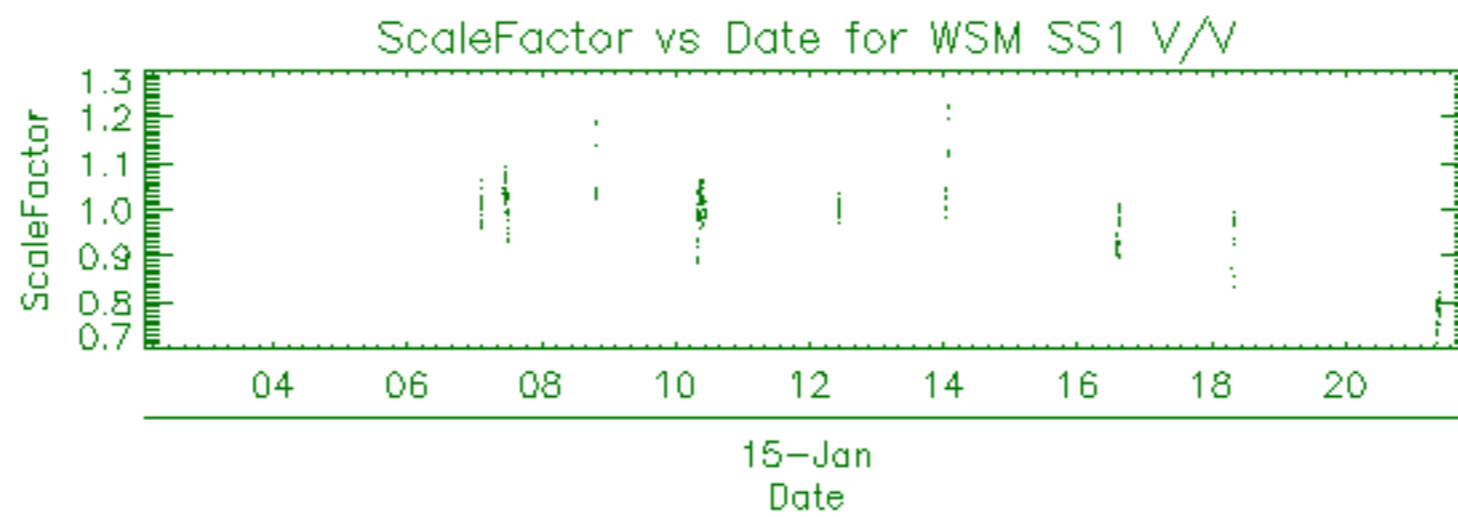












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20100115_164020_000000432086_00055_41191_5333.N1						IS1	H/H	86	41191 55 5.03



ASA_GM1_1PNPDE20100115_215135_000001142086_00058_41194_5358.N1	SS1	H/H	86	41194	58	5.03
ASA_GM1_1PNPDE20100115_215746_000003382086_00058_41194_5361.N1	SS1	H/H	86	41194	58	5.03
ASA_GM1_1PNPDE20100115_224444_000004222086_00058_41194_5363.N1	SS1	H/H	86	41194	58	5.03
ASA_GM1_1PNPDE20100115_231707_000000842086_00059_41195_5375.N1	SS1	H/H	86	41195	59	5.03
ASA_GM1_1PNPDE20100115_233547_000006282086_00059_41195_5377.N1	SS1	H/H	86	41195	59	5.03

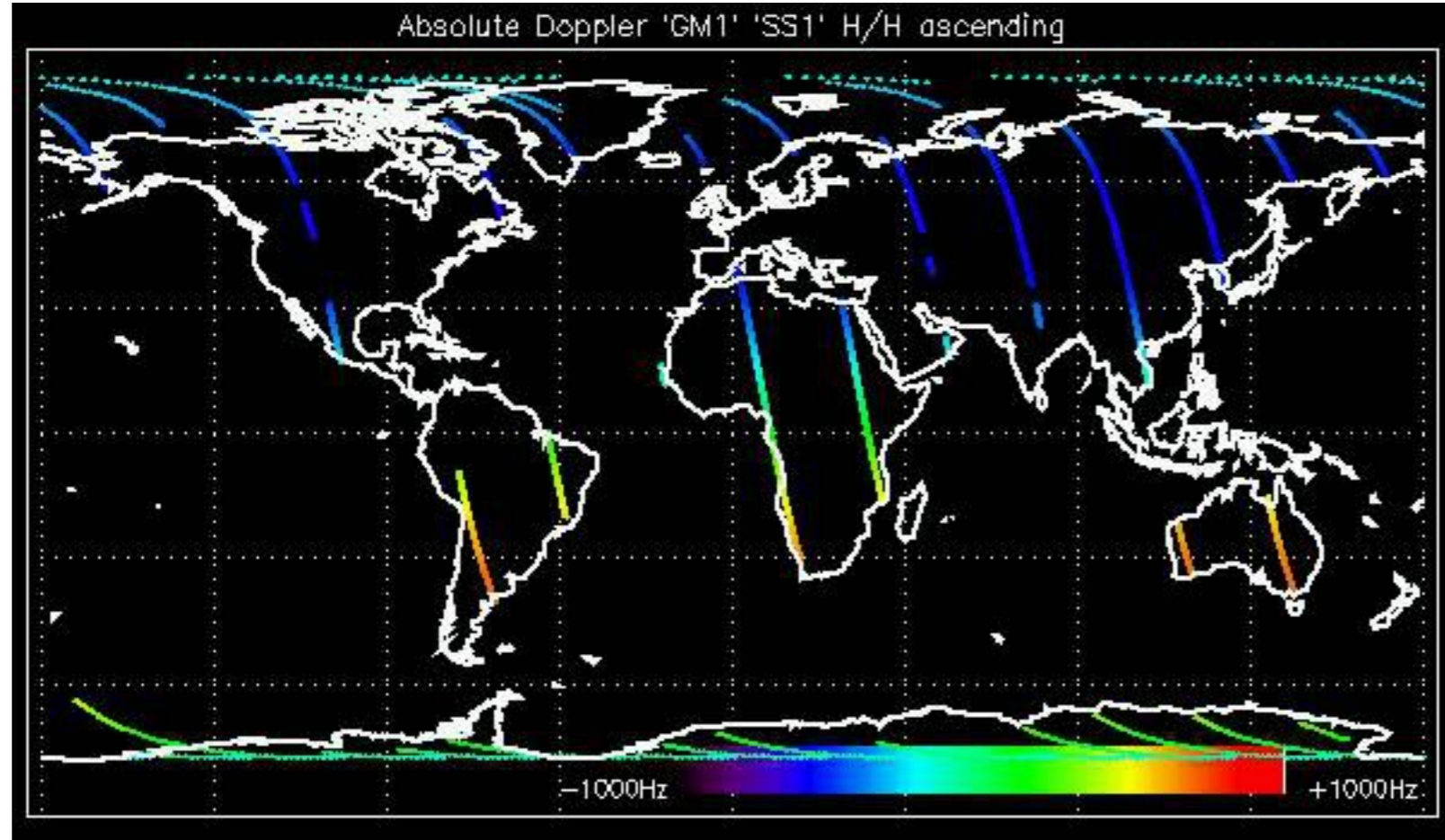
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ASA_IMM_1PNPDE20100115_011930_00000402086_00045_41181_5227.N1						IS2	V/V	86	41181	45	5.03
ASA_IMM_1PNPDE20100115_014733_00000622086_00046_41182_5246.N1						IS6	H/H	86	41182	46	5.03
ASA_IMM_1PNPDE20100115_030446_00000792086_00046_41182_5251.N1						IS6	V/V	86	41182	46	5.03
ASA_IMM_1PNPDE20100115_031723_00000372086_00047_41183_5250.N1						IS3	V/V	86	41183	47	5.03
ASA_IMM_1PNPDE20100115_032732_00000372086_00047_41183_5249.N1						IS5	H/H	86	41183	47	5.03
ASA_IMM_1PNPDE20100115_034500_000003182086_00047_41183_5228.N1						IS2	V/V	86	41183	47	5.03
ASA_IMM_1PNPDE20100115_045610_000001142086_00048_41184_5261.N1						IS2	V/V	86	41184	48	5.03
ASA_IMM_1PNPDE20100115_045906_00000762086_00048_41184_5258.N1						IS2	V/V	86	41184	48	5.03
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ASA_IMM_1PNPDE20100115_054343_00000372086_00048_41184_5270.N1						IS5	V/V	86	41184	48	5.03
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ASA_IMM_1PNPDE20100115_084705_00000372086_00050_41186_5286.N1						IS5	V/V	86	41186	50	5.03
ASA_IMM_1PNPDE20100115_085507_000002262086_00050_41186_5289.N1						IS2	V/V	86	41186	50	5.03
ASA_IMM_1PNPDE20100115_103311_000003142086_00051_41187_5308.N1						IS2	V/V	86	41187	51	5.03
ASA_IMM_1PNPDE20100115_110111_000001302086_00051_41187_5311.N1						IS2	V/V	86	41187	51	5.03
ASA_IMM_1PNPDE20100115_142219_000000912086_00053_41189_5329.N1						IS2	V/V	86	41189	53	5.03
ASA_IMM_1PNPDE20100115_170047_00000372086_00055_41191_5338.N1						IS6	H/H	86	41191	55	5.03
ASA_IMM_1PNPDE20100115_182028_000001342086_00056_41192_5340.N1						IS6	V/V	86	41192	56	5.03
ASA_IMM_1PNPDE20100115_184310_000003642086_00056_41192_5343.N1						IS2	V/V	86	41192	56	5.03
ASA_IMM_1PNPDE20100115_192422_000001832086_00056_41192_5344.N1						IS2	V/V	86	41192	56	5.03
ASA_IMM_1PNPDK20100115_201539_000001062086_00057_41193_6073.N1						IS2	H/H	86	41193	57	5.03
ASA_IMM_1PNPDE20100115_202245_000002432086_00057_41193_5355.N1						IS2	V/V	86	41193	57	5.03
ASA_IMM_1PNPDE20100115_214438_00000372086_00058_41194_5357.N1						IS1	H/H	86	41194	58	5.03
ASA_IMM_1PNPDE20100115_214524_00000372086_00058_41194_5370.N1						IS2	V/V	86	41194	58	5.03
ASA_IMM_1PNPDE20100115_220846_00000562086_00058_41194_5372.N1						IS2	V/V	86	41194	58	5.03
ASA_IMM_1PNPDE20100115_224256_00000972086_00058_41194_5373.N1						IS2	V/V	86	41194	58	5.03
ASA_IMM_1PNPDK20100115_233209_000002082086_00059_41195_6083.N1						IS6	H/H	86	41195	59	5.03
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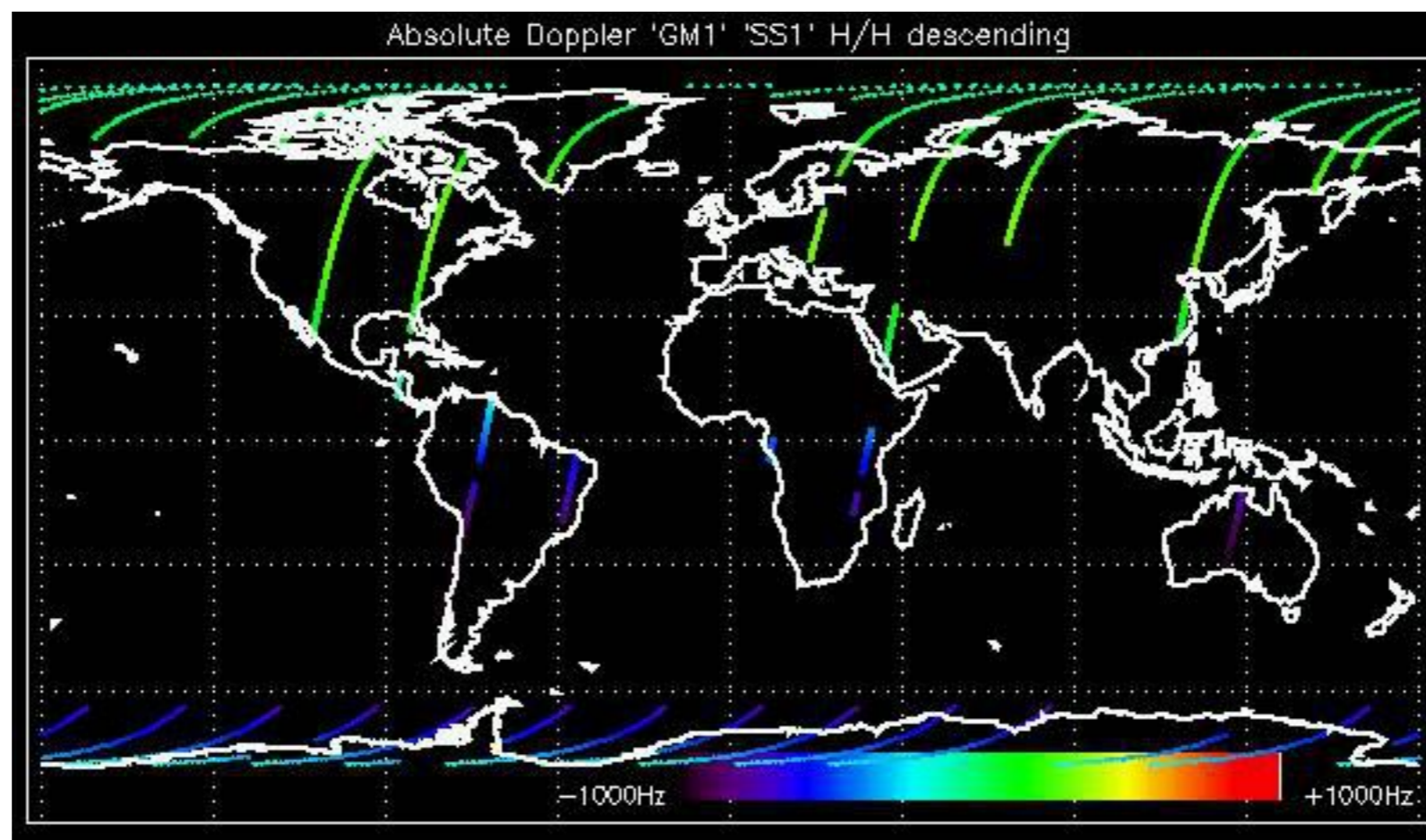
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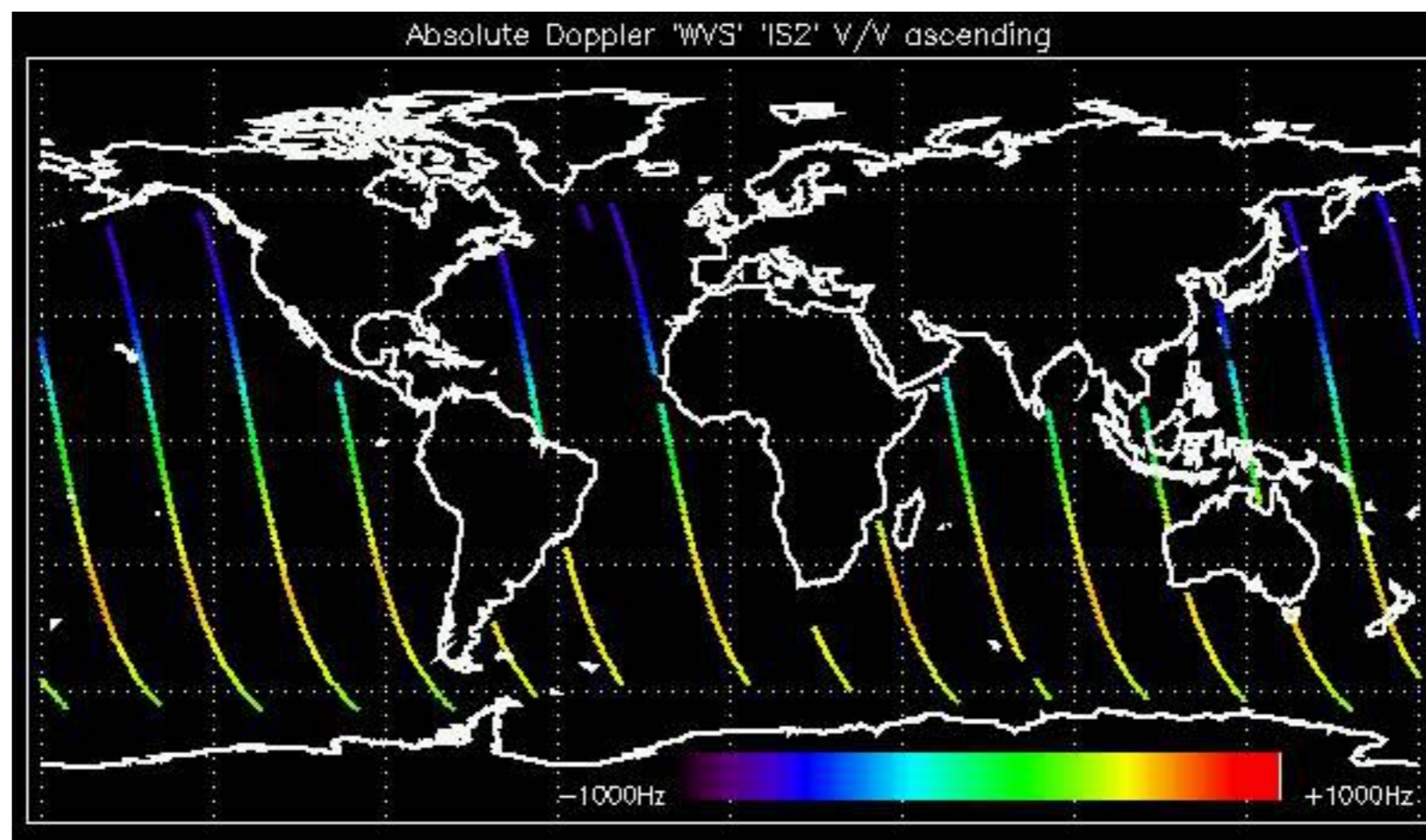


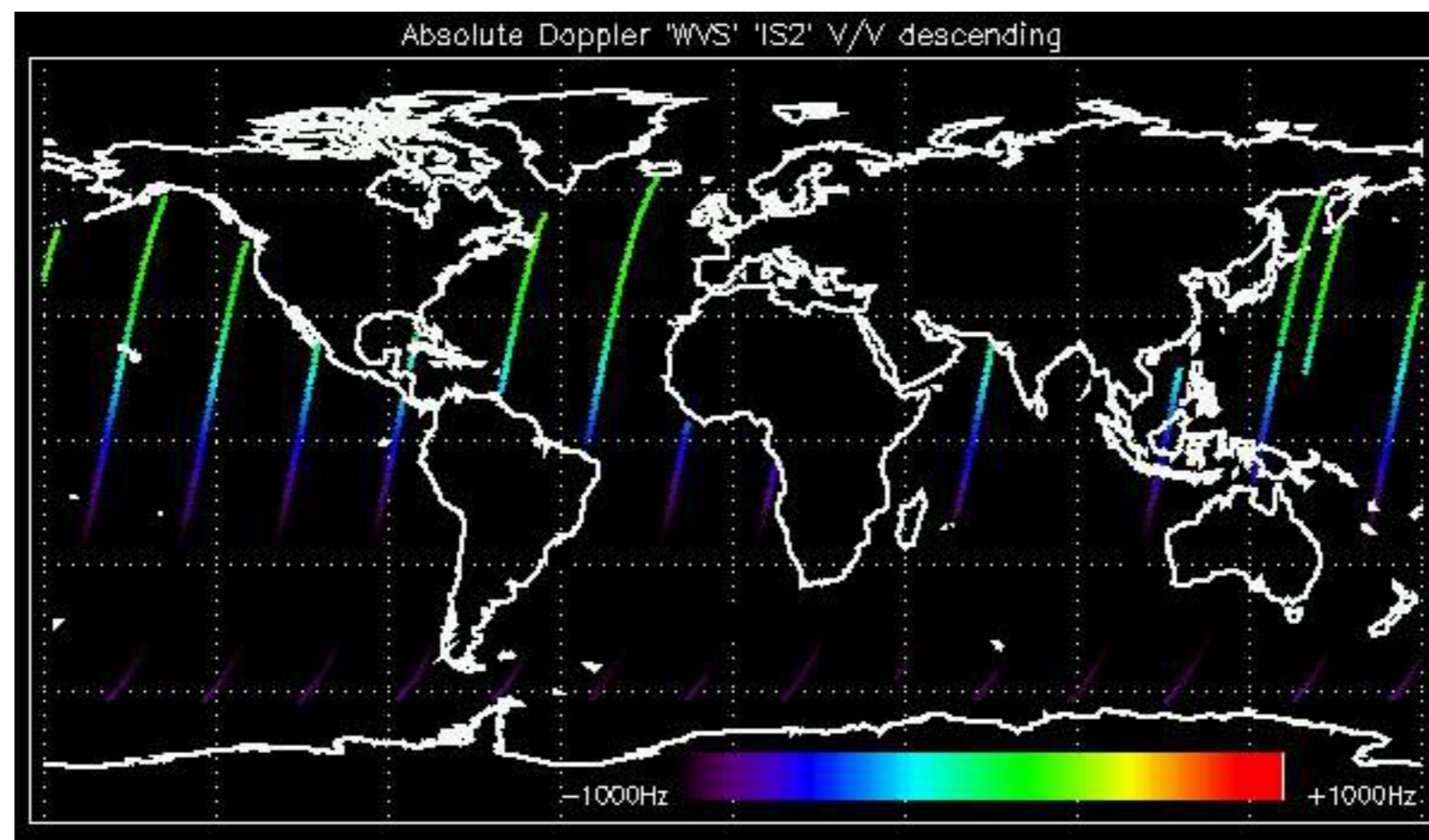
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ASA_WSM_1PNPDE20100115_010501_000002752086_00045_41181_5226.N1						SS1	H/H	86	41181	45	5.03
ASA_WSM_1PNPDE20100115_020502_000001102086_00046_41182_5247.N1						SS1	V/V	86	41182	46	5.03
ASA_WSM_1PNPDE20100115_024426_000002942086_00046_41182_5248.N1						SS1	H/H	86	41182	46	5.03
ASA_WSM_1PNPDE20100115_042339_000003062086_00047_41183_5252.N1						SS1	H/H	86	41183	47	5.03
ASA_WSM_1PNPDK20100115_060610_000001592086_00048_41184_5911.N1						SS1	H/H	86	41184	48	5.03
ASA_WSM_1PNPDE20100115_070505_000001102086_00049_41185_5272.N1						SS1	V/V	86	41185	49	5.03
ASA_WSM_1PNPDE20100115_072350_000000982086_00049_41185_5276.N1						SS1	H/H	86	41185	49	5.03
ASA_WSM_1PNPDE20100115_072619_000002692086_00049_41185_5277.N1						SS1	V/V	86	41185	49	5.03
ASA_WSM_1PNPDK20100115_074546_000002452086_00049_41185_5929.N1						SS1	H/H	86	41185	49	5.03
ASA_WSM_1PNPDK20100115_084121_000001282086_00050_41186_5931.N1						SS1	H/H	86	41186	50	5.03
ASA_WSM_1PNPDE20100115_084845_000000922086_00050_41186_5287.N1						SS1	V/V	86	41186	50	5.03
ASA_WSM_1PNPDE20100115_092555_000003062086_00050_41186_5309.N1						SS1	H/H	86	41186	50	5.03
ASA_WSM_1PNPDE20100115_101103_000001162086_00051_41187_5310.N1						SS1	H/H	86	41187	51	5.03
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ASA_WSM_1PNPDE20100115_115047_000002022086_00052_41188_5319.N1						SS1	H/H	86	41188	52	5.03
ASA_WSM_1PNPDK20100115_115646_000003062086_00052_41188_5974.N1						SS1	H/H	86	41188	52	5.03
ASA_WSM_1PNPDE20100115_122611_000000862086_00052_41188_5325.N1						SS1	V/V	86	41188	52	5.03
ASA_WSM_1PNPDK20100115_124709_000002752086_00052_41188_5993.N1						SS1	H/H	86	41188	52	5.03
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ASA_WSM_1PNPDE20100115_134342_000001102086_00053_41189_5327.N1						SS1	H/H	86	41189	53	5.03
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ASA_WSM_1PNPDE20100115_165759_000001222086_00055_41191_5337.N1						SS1	H/H	86	41191	55	5.03
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ASA_WSM_1PNPDE20100115_181850_000000802086_00056_41192_5339.N1						SS1	V/V	86	41192	56	5.03
ASA_WSM_1PNPDE20100115_182413_000000862086_00056_41192_5341.N1						SS1	H/H	86	41192	56	5.03
ASA_WSM_1PNPDK20100115_183220_000003302086_00056_41192_6056.N1						SS1	H/H	86	41192	56	5.03
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ASA_WSM_1PNPDK20100115_214703_000002262086_00058_41194_6079.N1						SS1	V/V	86	41194	58	5.03
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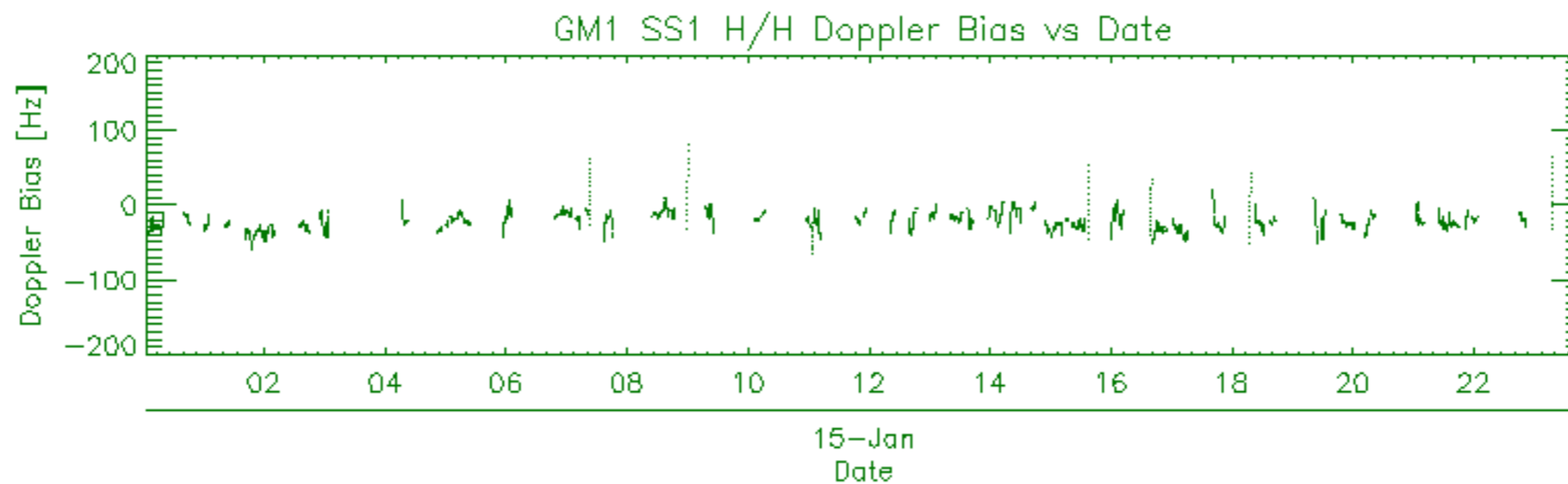
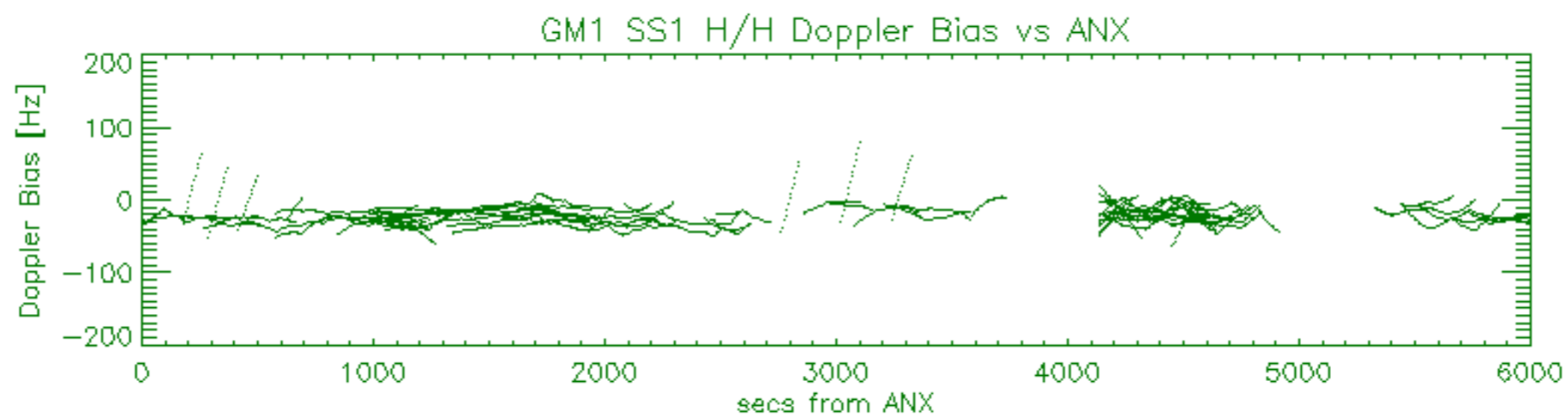
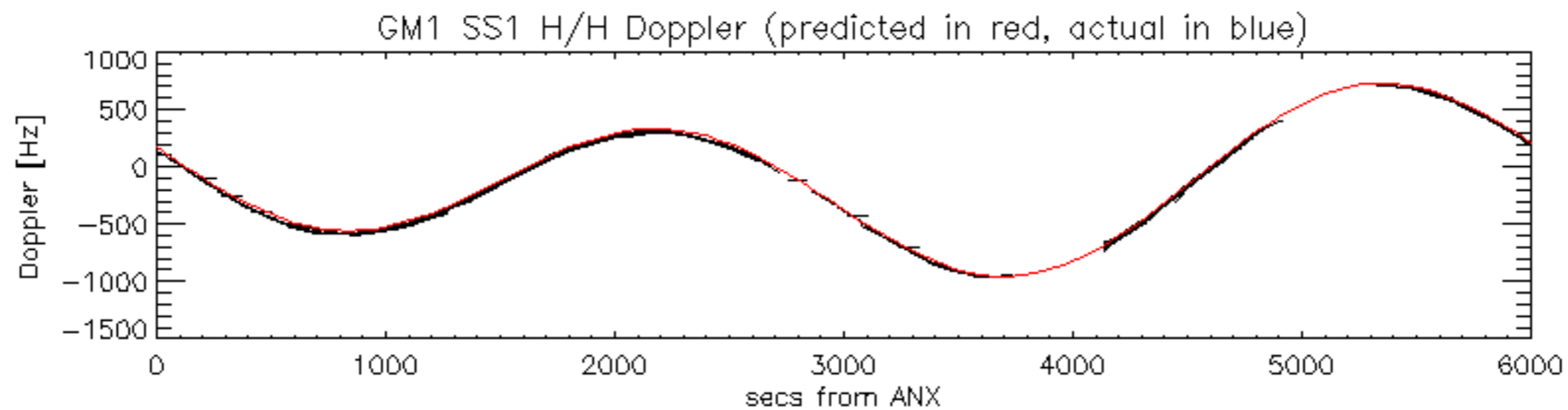
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ASA_WVS_1PNPDE20100115_004535_000005102086_00045_41181_5217.N1						IS2	V/V	86	41181	45	5.03
ASA_WVS_1PNPDE20100115_010933_000002992086_00045_41181_5219.N1						IS2	V/V	86	41181	45	5.03
ASA_WVS_1PNPDE20100115_011333_000003152086_00045_41181_5231.N1						IS2	V/V	86	41181	45	5.03
ASA_WVS_1PNPDE20100115_010933_000002992086_00045_41181_5219.N1						IS1	V/V	86	41181	45	5.03
ASA_WVS_1PNPDE20100115_012639_000007342086_00046_41182_5233.N1						IS2	V/V	86	41182	46	5.03
ASA_WVS_1PNPDE20100115_021153_000013642086_00046_41182_5235.N1						IS2	V/V	86	41182	46	5.03
ASA_WVS_1PNPDE20100115_024918_000003002086_00046_41182_5237.N1						IS2	V/V	86	41182	46	5.03
ASA_WVS_1PNPDE20100115_041307_000001202086_00047_41183_5254.N1						IS2	V/V	86	41183	47	5.03
ASA_WVS_1PNPDE20100115_042849_000013492086_00047_41183_5260.N1						IS2	V/V	86	41183	47	5.03
ASA_WVS_1PNPDE20100115_053131_000006892086_00048_41184_5259.N1						IS2	V/V	86	41184	48	5.03
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ASA_WVS_1PNPDK20100115_093058_000020842086_00050_41186_5944.N1						IS2	V/V	86	41186	50	5.03
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ASA_WVS_1PNPDK20100115_171533_000014692086_00055_41191_6046.N1						IS2	V/V	86	41191	55	5.03
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ASA_WVS_1PNPDK20100115_184920_000018742086_00056_41192_6064.N1						IS2	V/V	86	41192	56	5.03
ASA_WVS_1PNPDK20100115_193445_000007502086_00056_41192_6066.N1						IS2	V/V	86	41192	56	5.03
ASA_WVS_1PNPDE20100115_202655_000020542086_00057_41193_5347.N1						IS2	V/V	86	41193	57	5.03
ASA_WVS_1PNPDE20100115_211616_000001942086_00057_41193_5348.N1						IS2	V/V	86	41193	57	5.03
ASA_WVS_1PNPDE20100115_211831_000001202086_00057_41193_5360.N1						IS2	V/V	86	41193	57	5.03
ASA_WVS_1PNPDE20100115_211616_000001942086_00057_41193_5348.N1						IS1	V/V	86	41193	57	5.03
ASA_WVS_1PNPDE20100115_220947_000019192086_00058_41194_5362.N1						IS2	V/V	86	41194	58	5.03
ASA_WVS_1PNPDE20100115_225719_000002552086_00058_41194_5364.N1						IS2	V/V	86	41194	58	5.03
ASA_WVS_1PNPDE20100115_230049_000009292086_00058_41194_5374.N1						IS2	V/V	86	41194	58	5.03
ASA_WVS_1PNPDE20100115_231837_000006742086_00059_41195_5376.N1						IS2	V/V	86	41195	59	5.03
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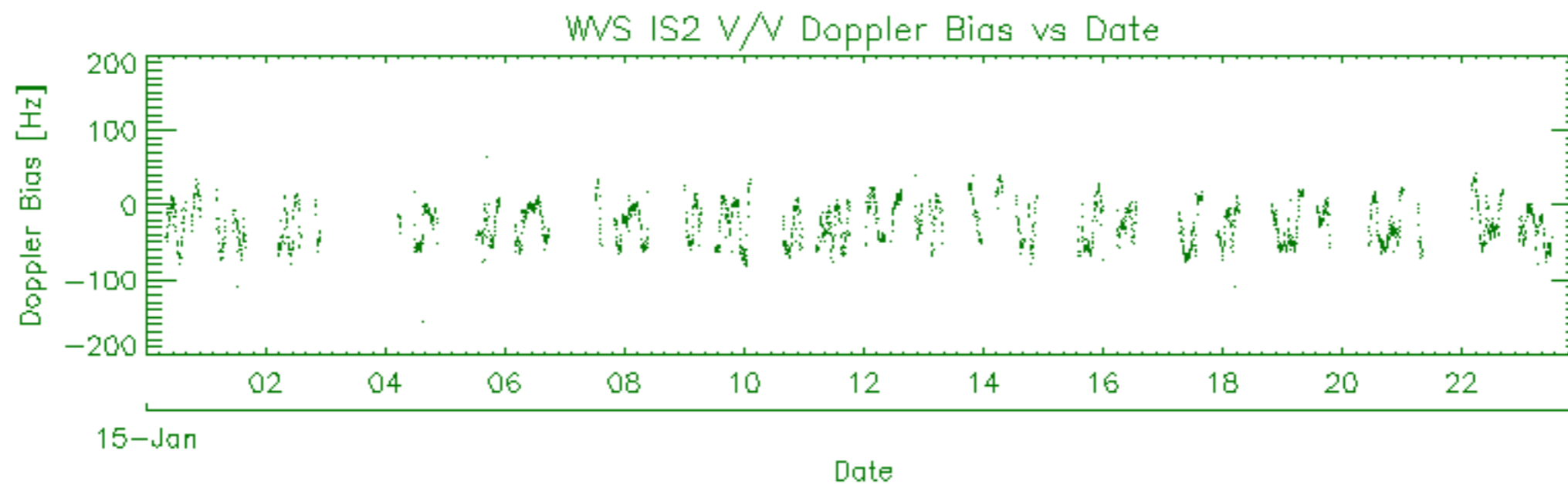
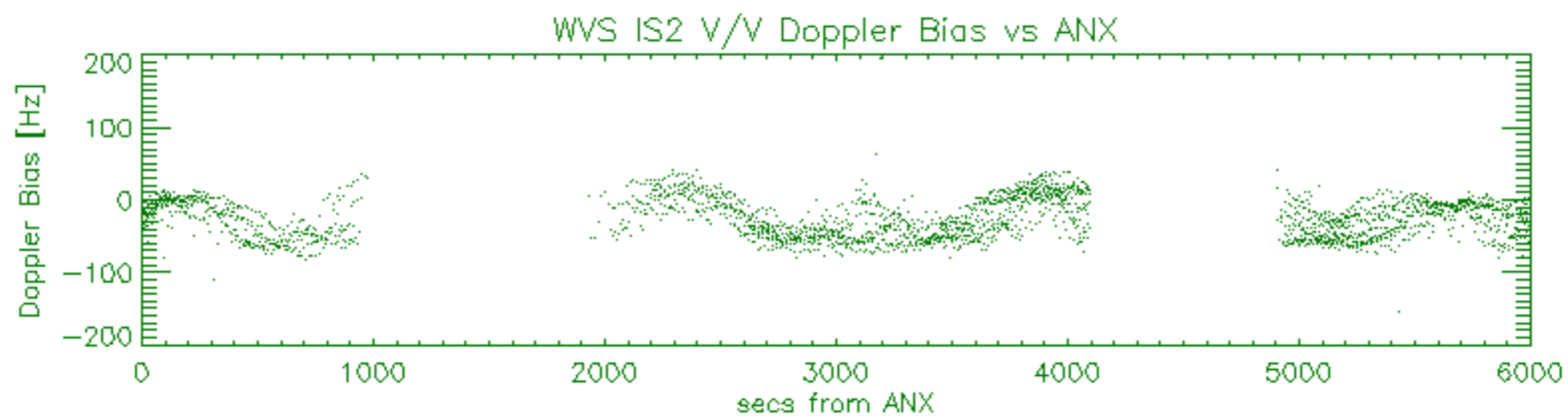
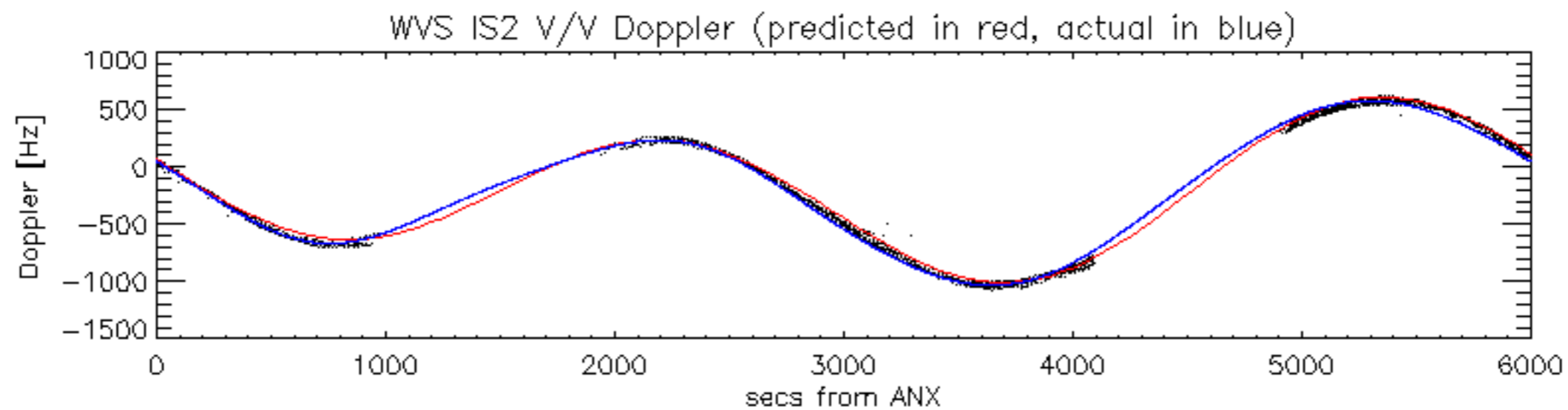


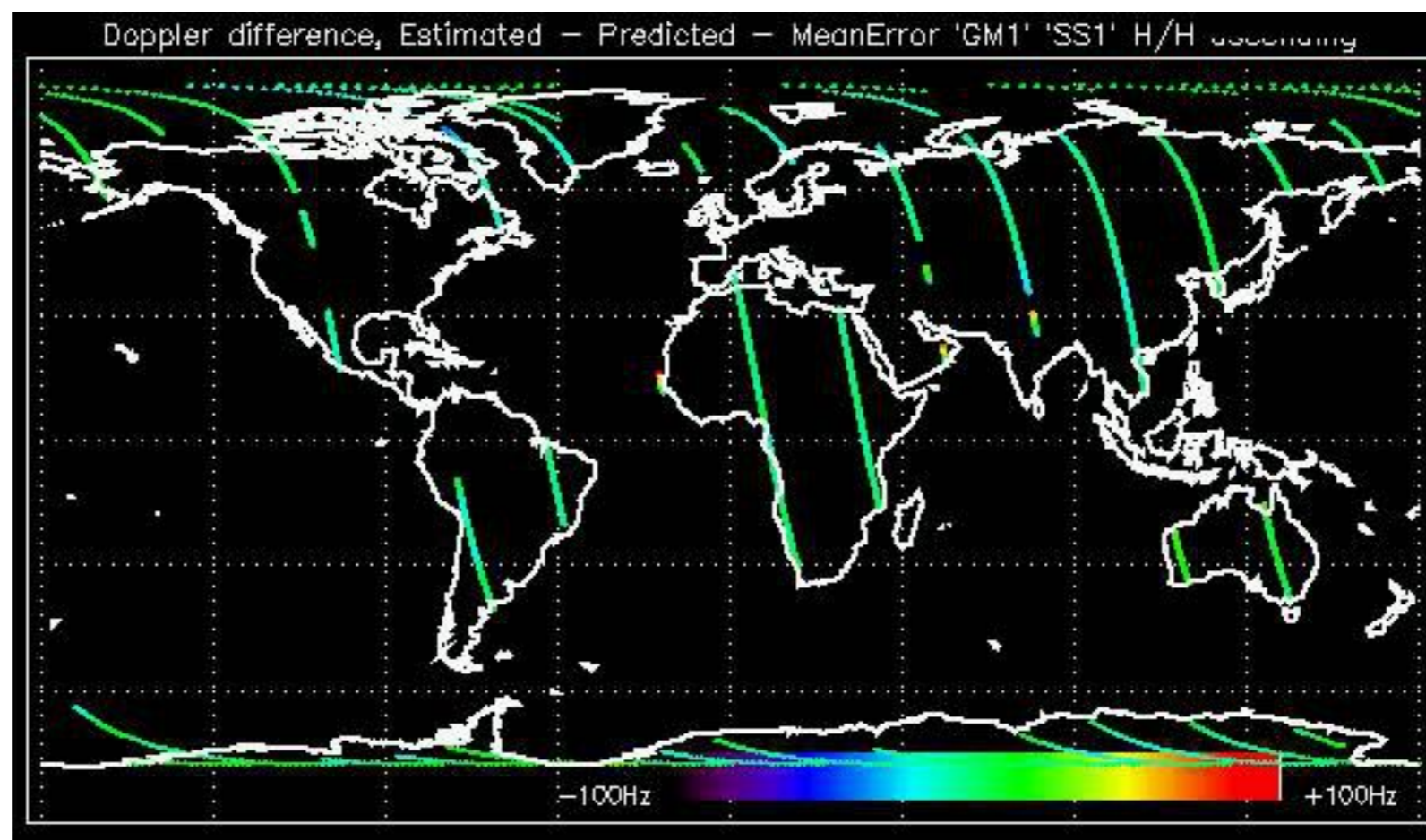


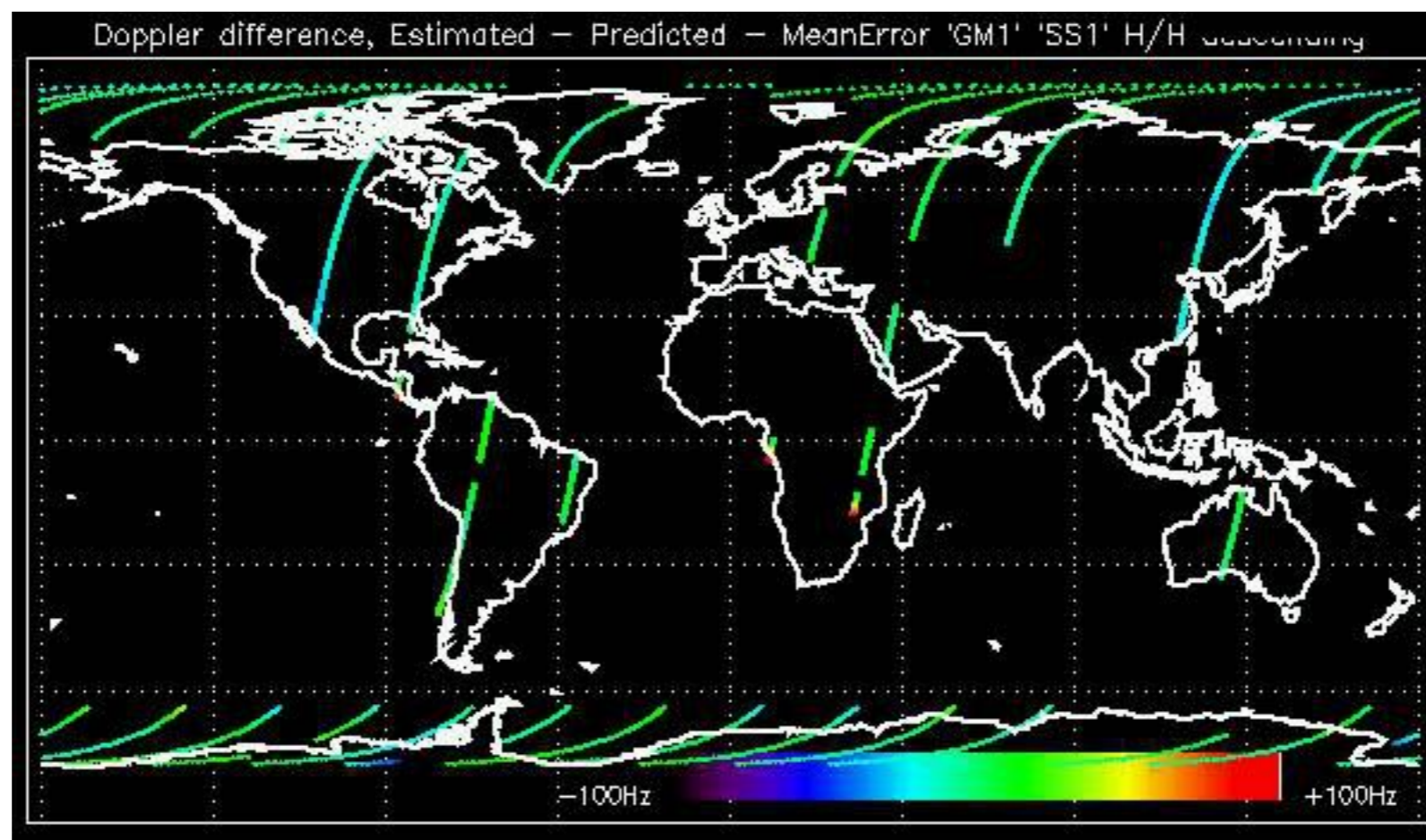


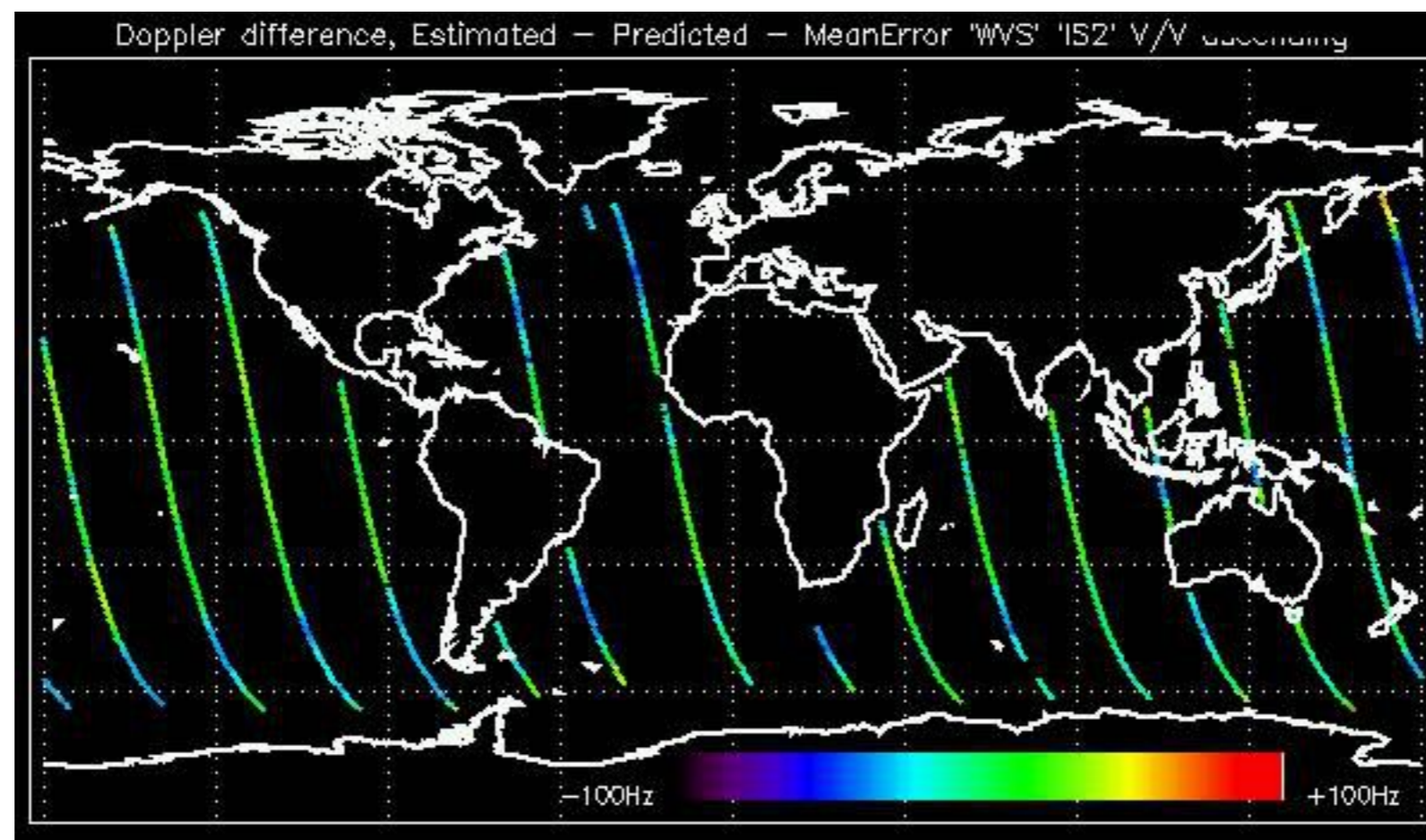


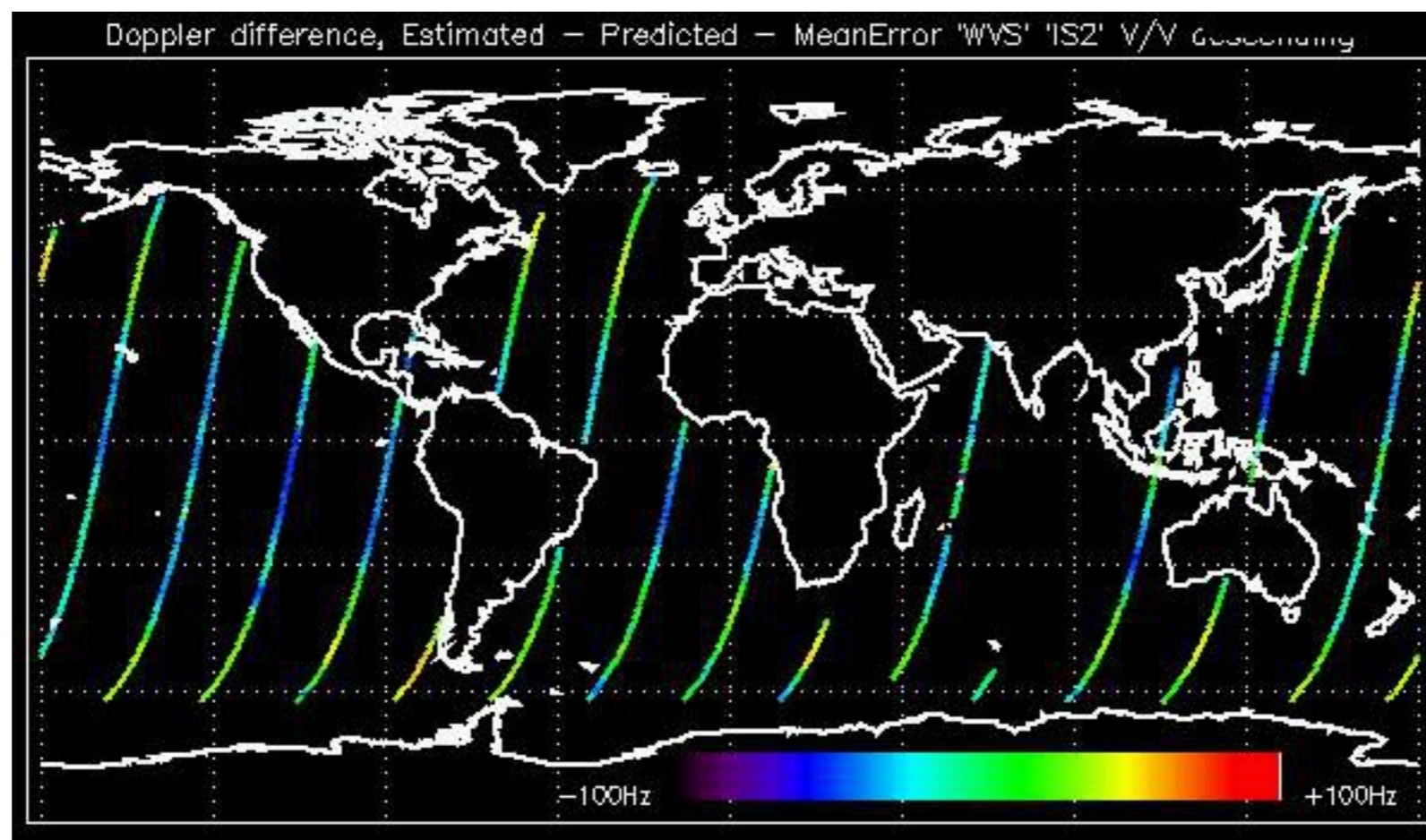


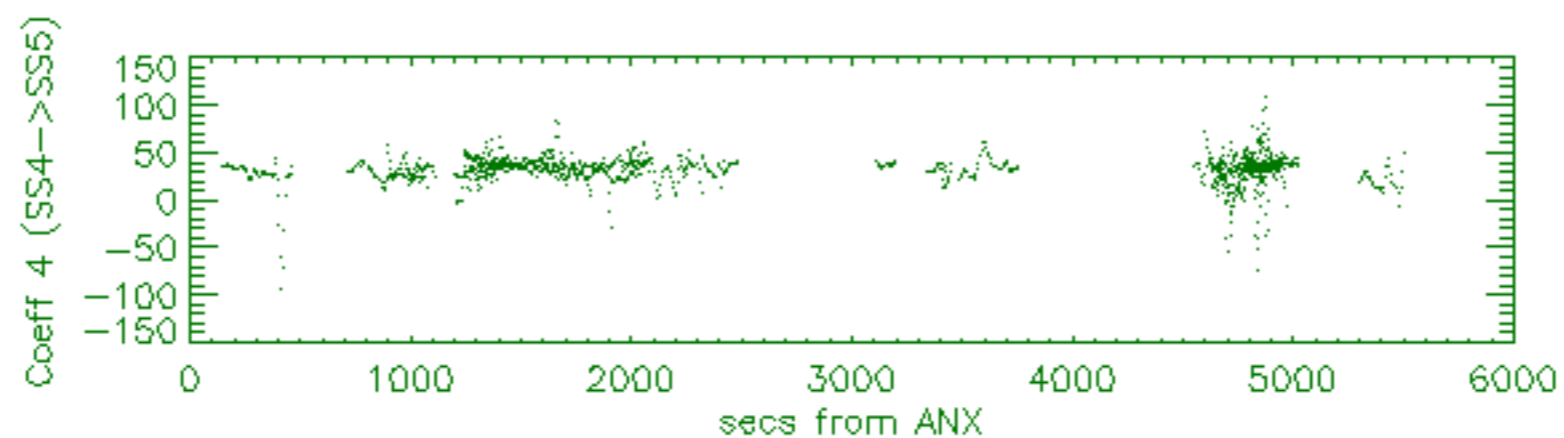
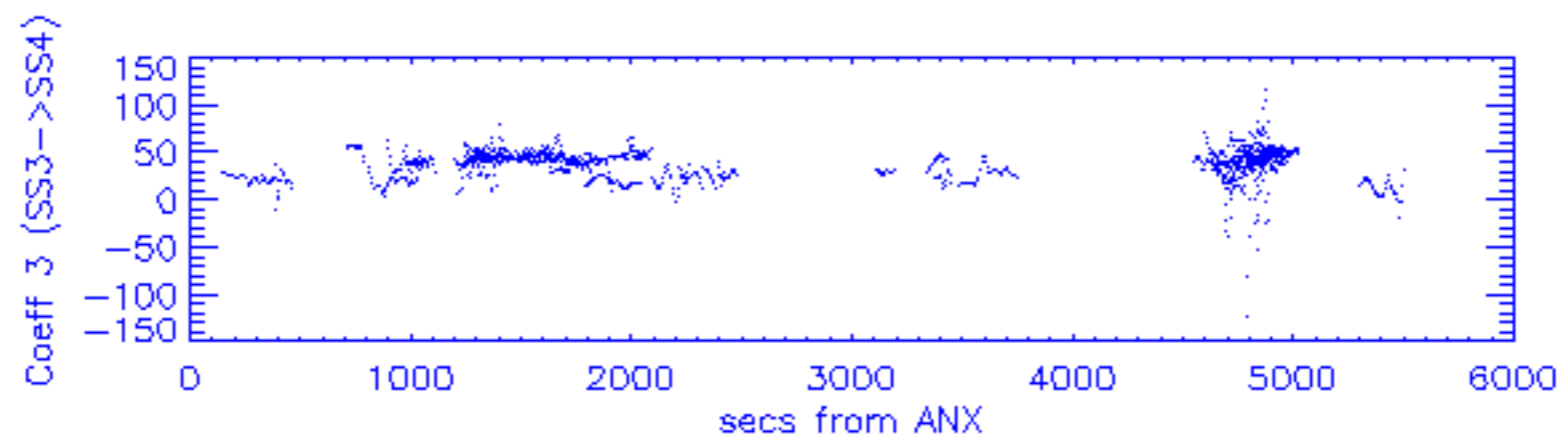
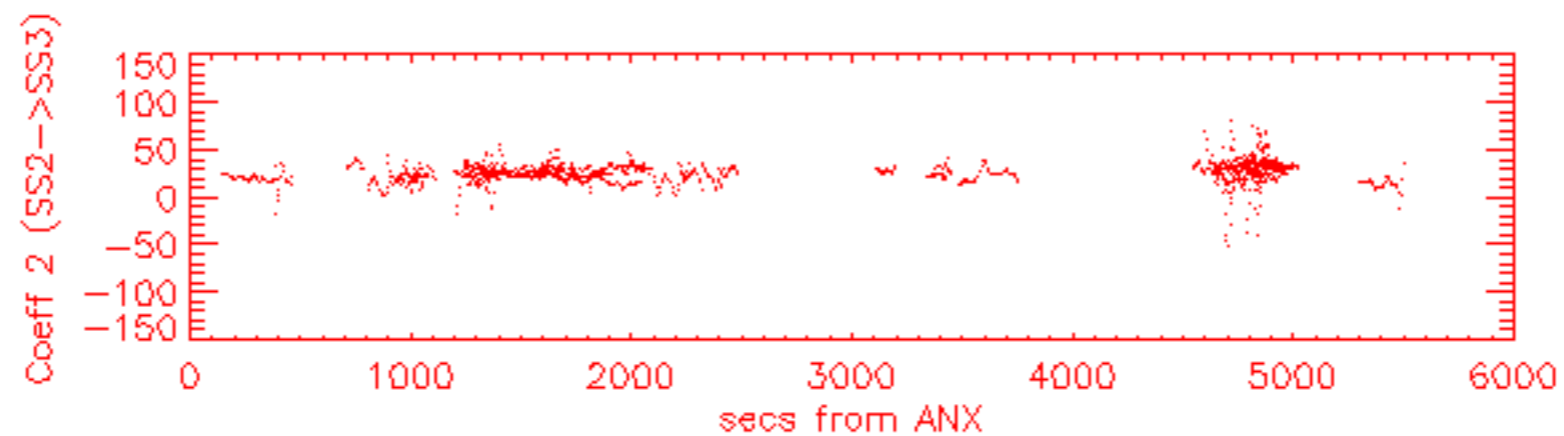
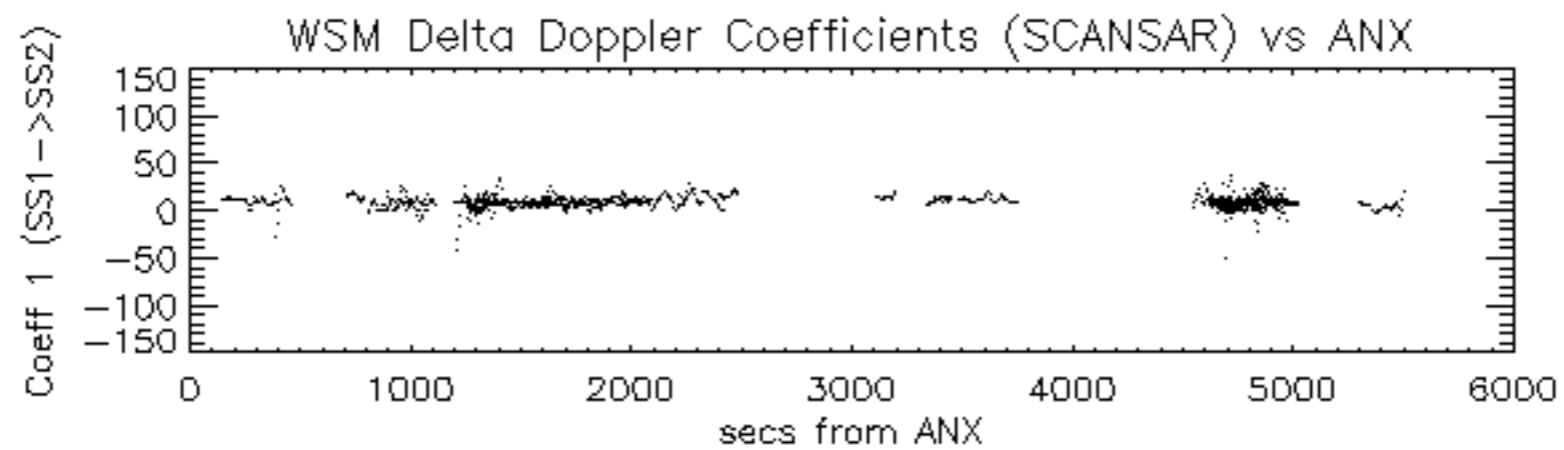


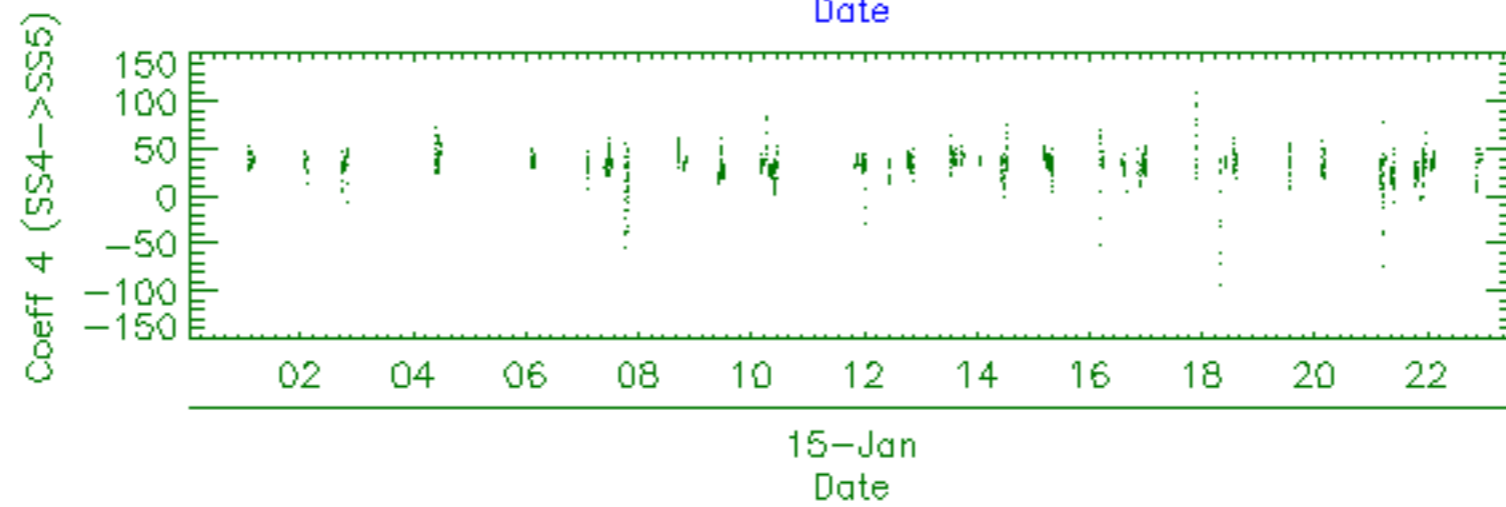
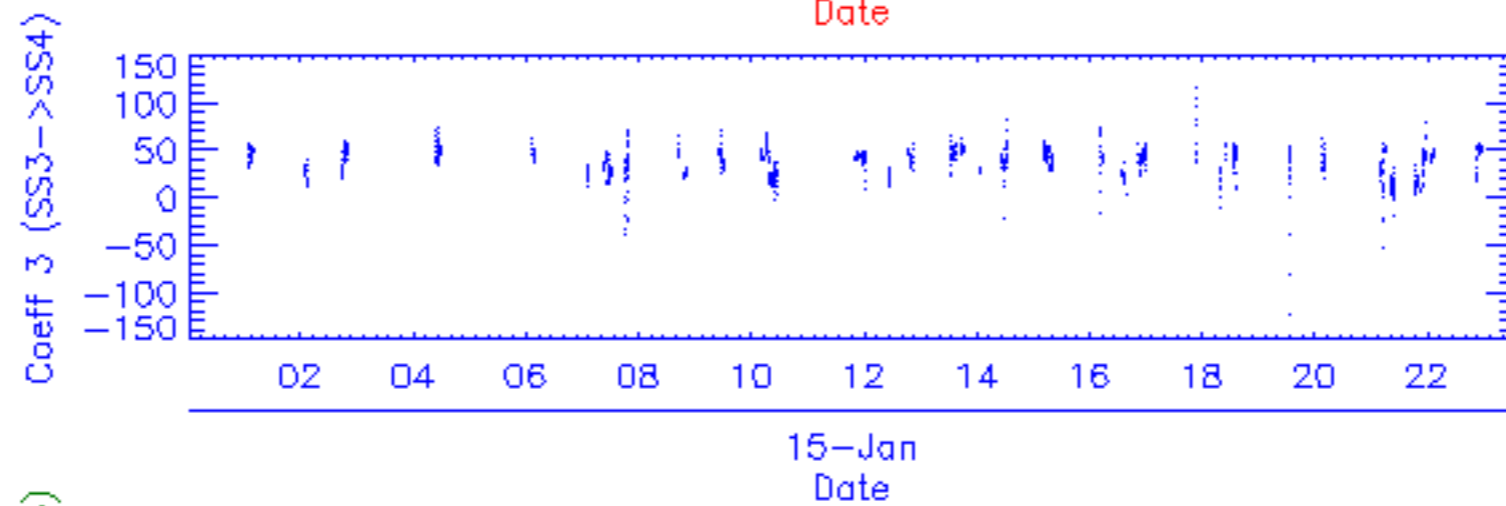
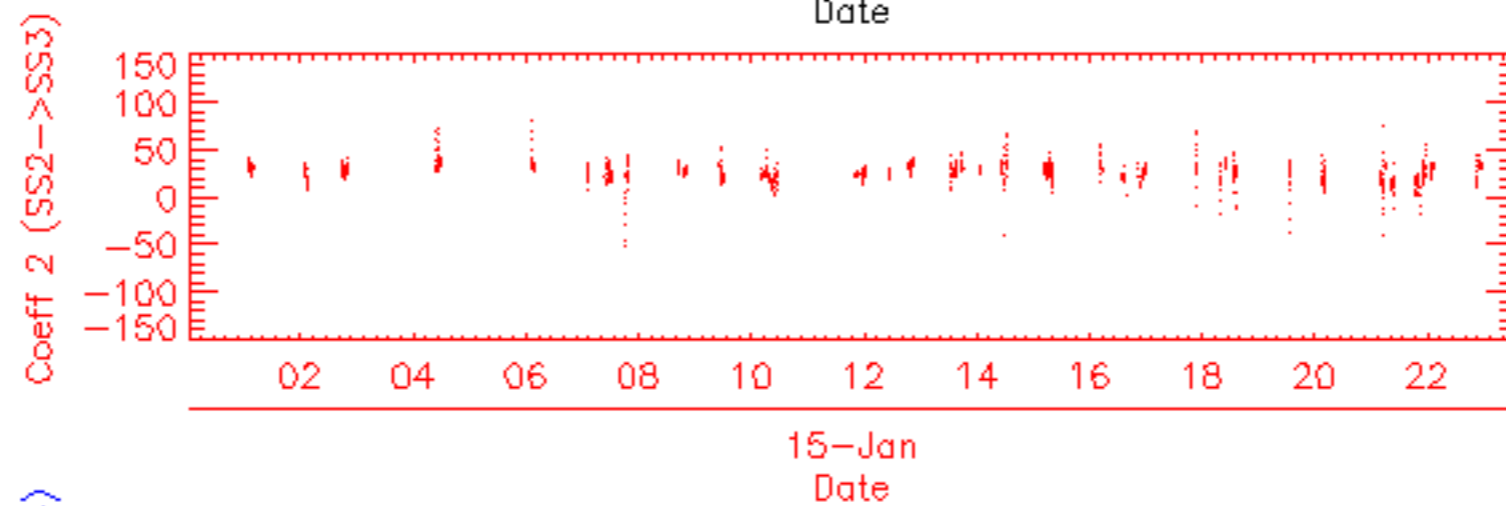
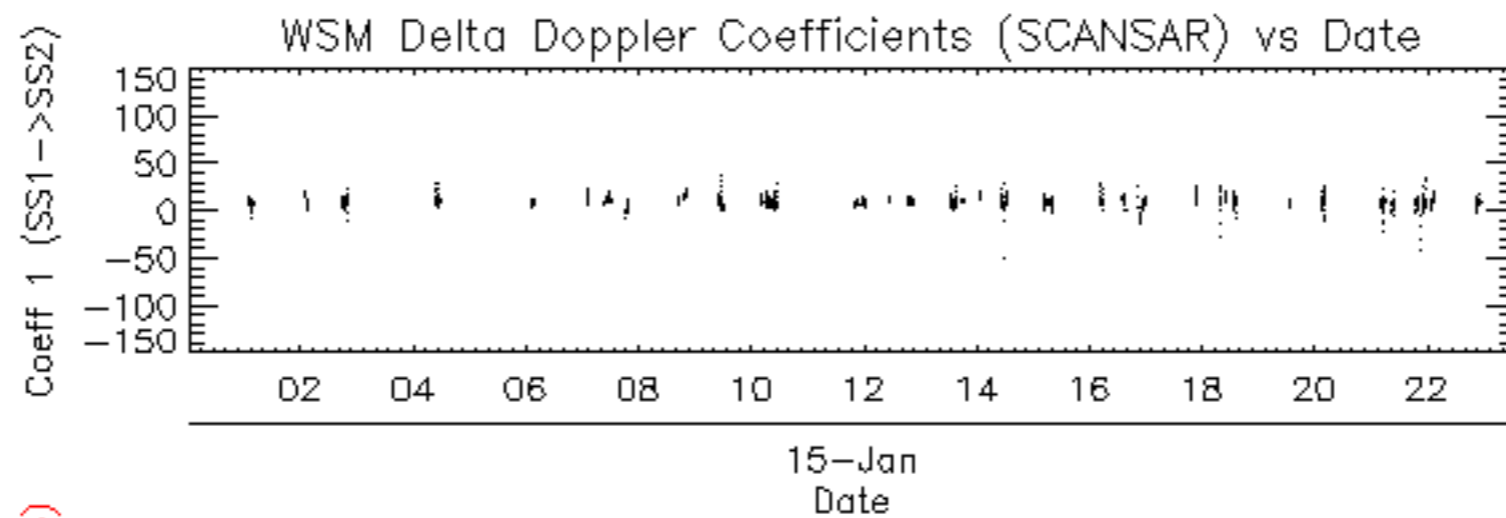


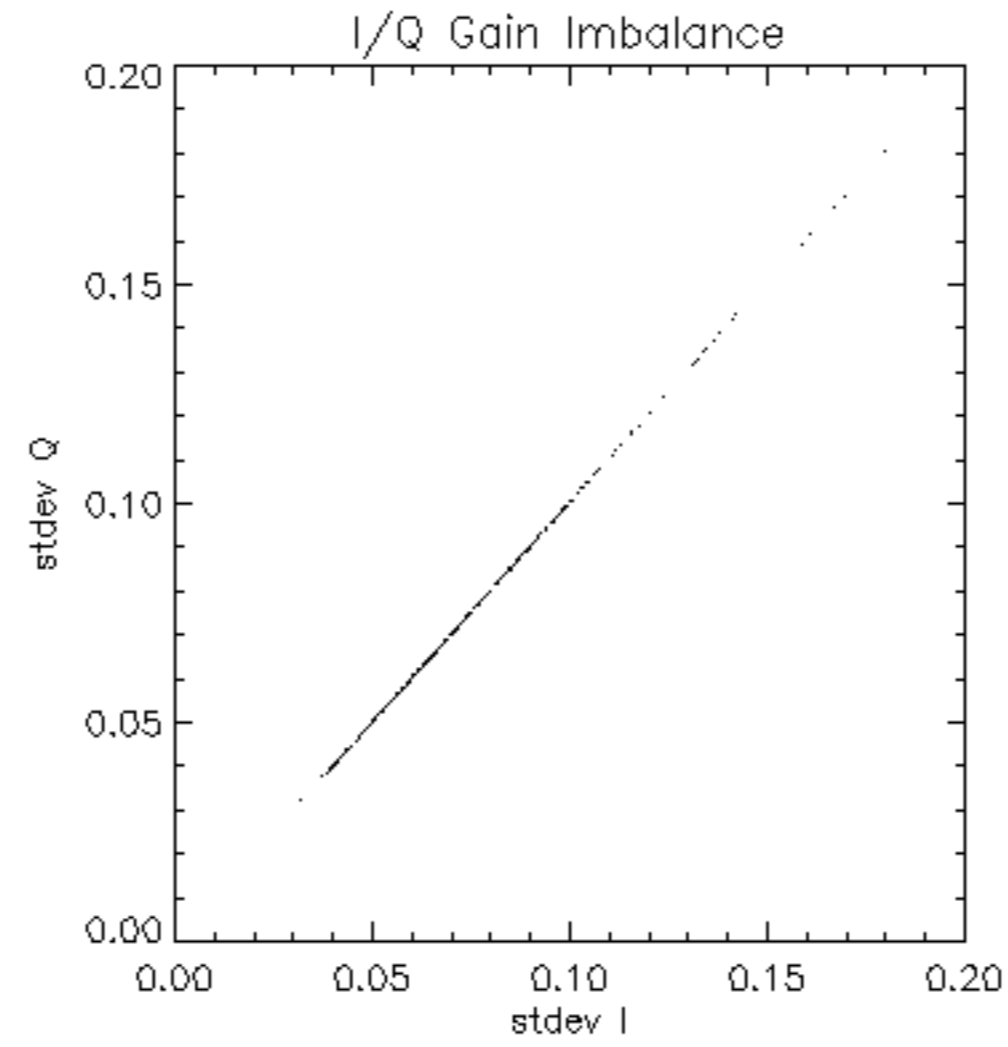


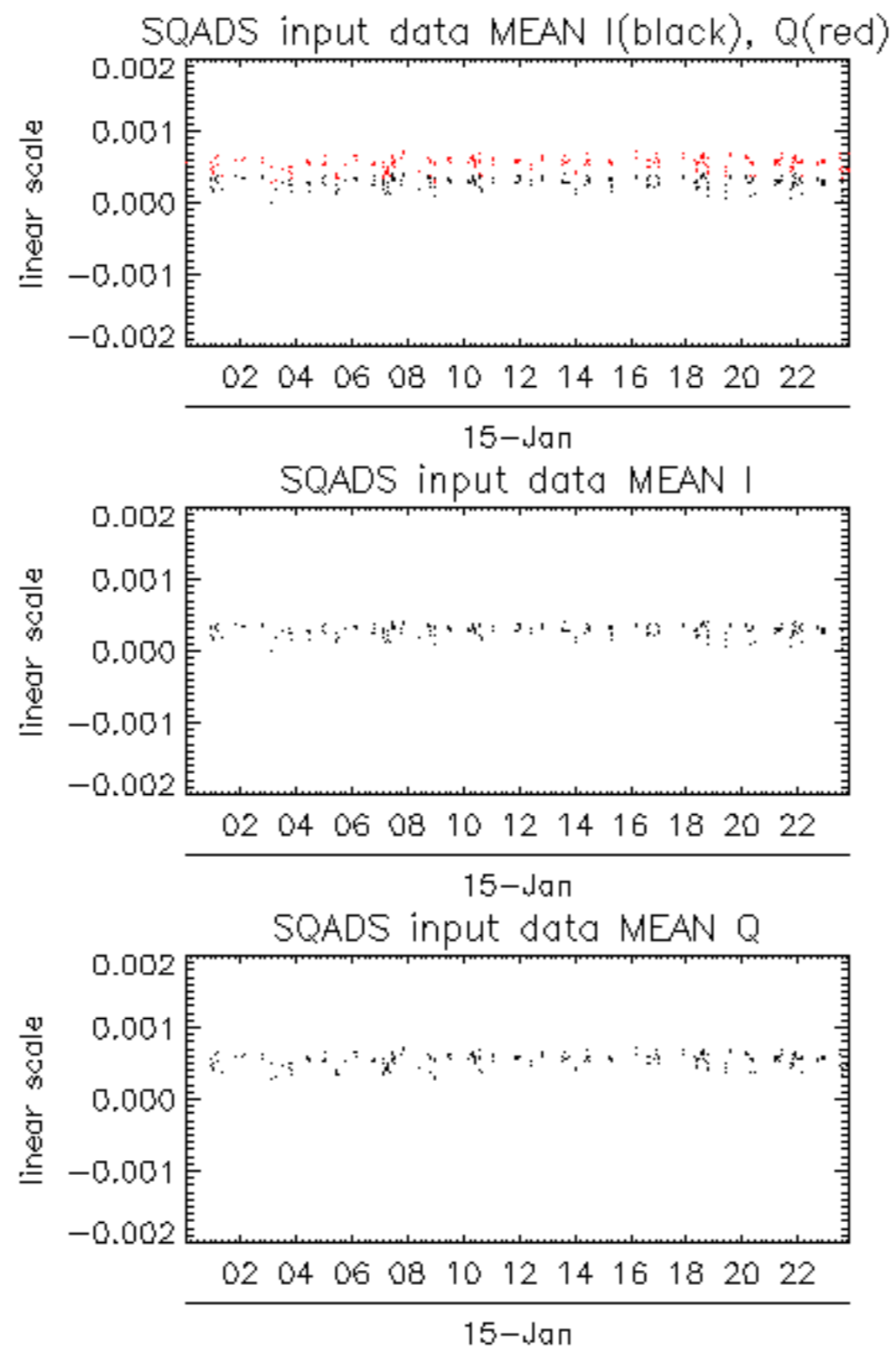


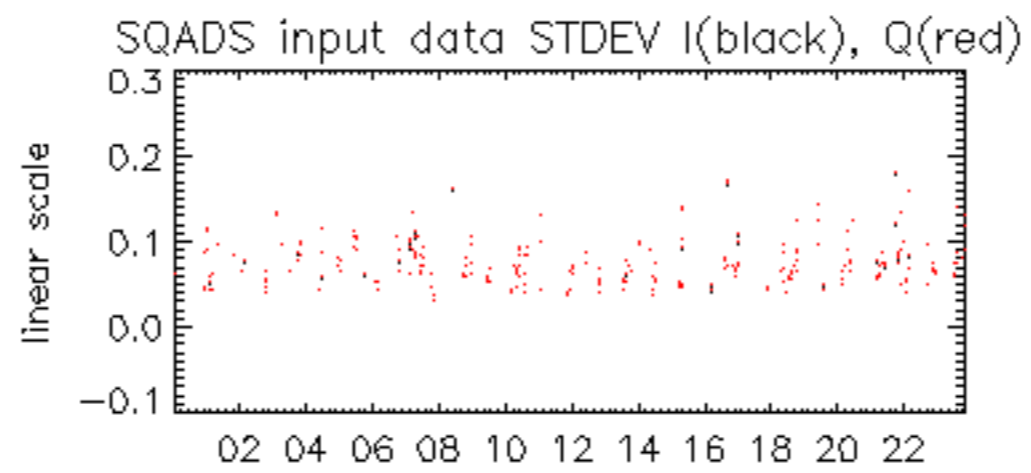




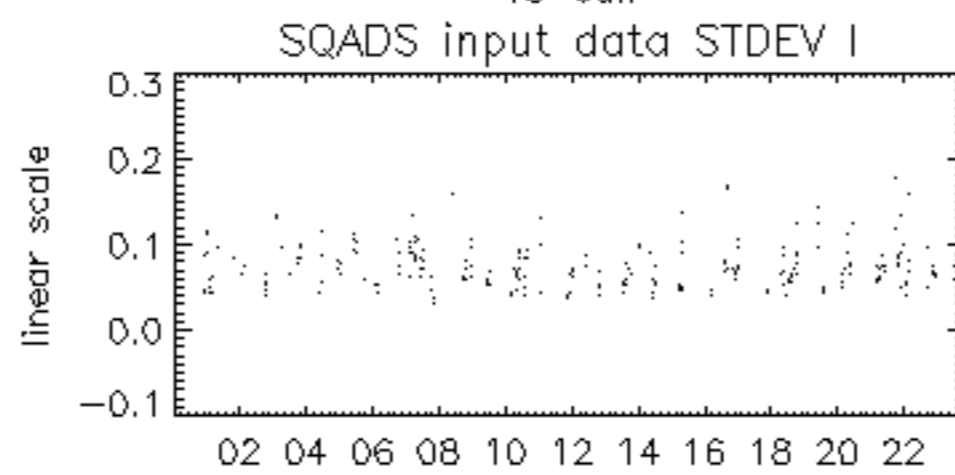




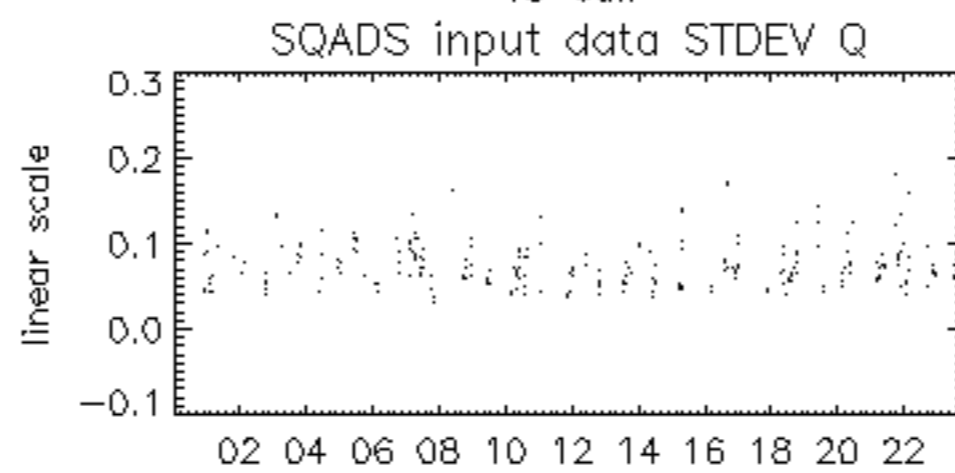




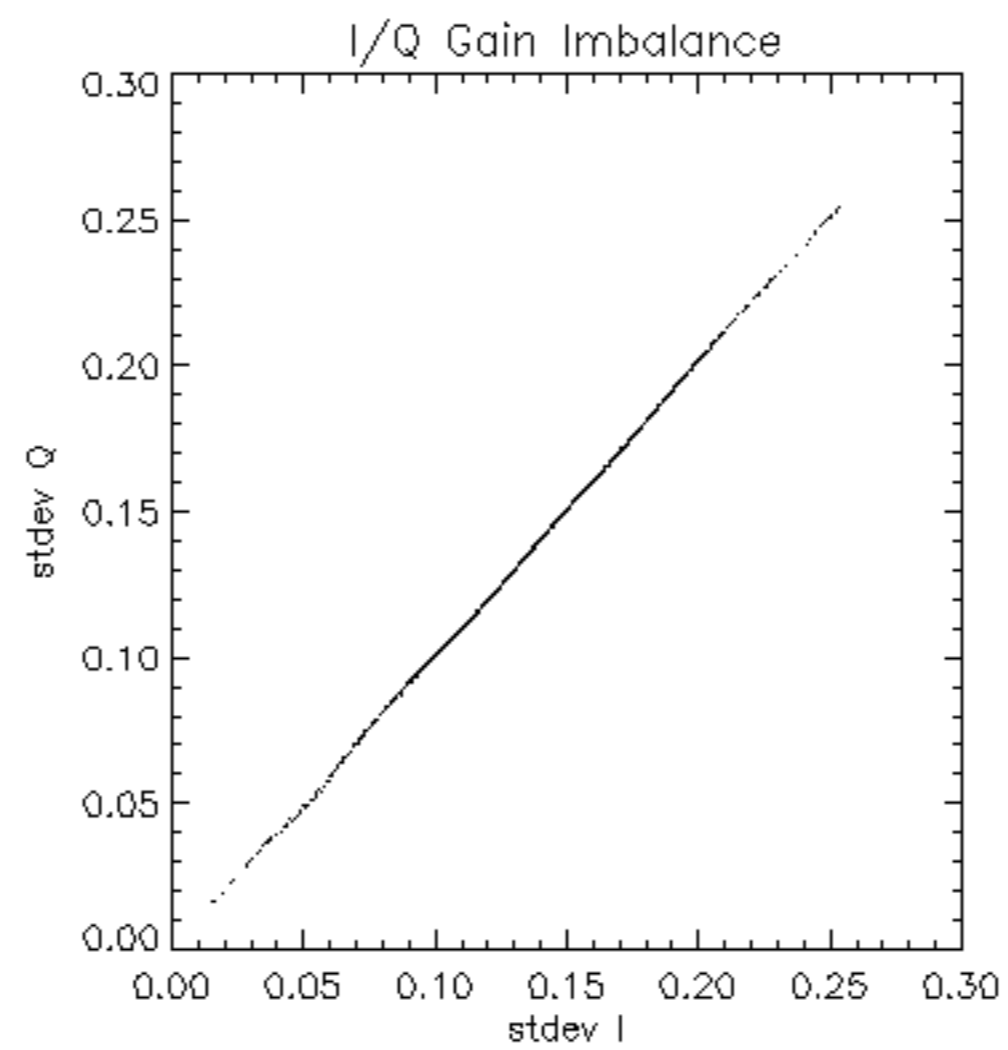
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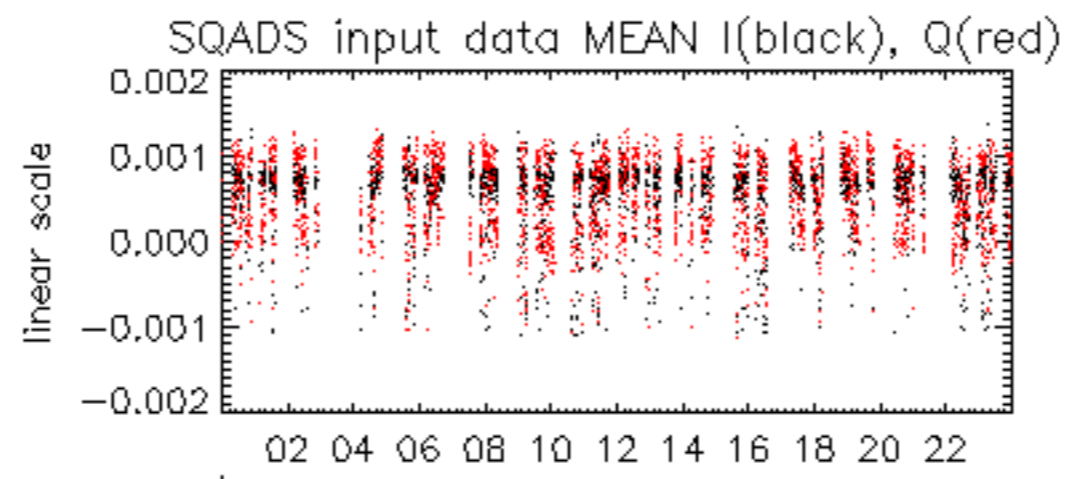


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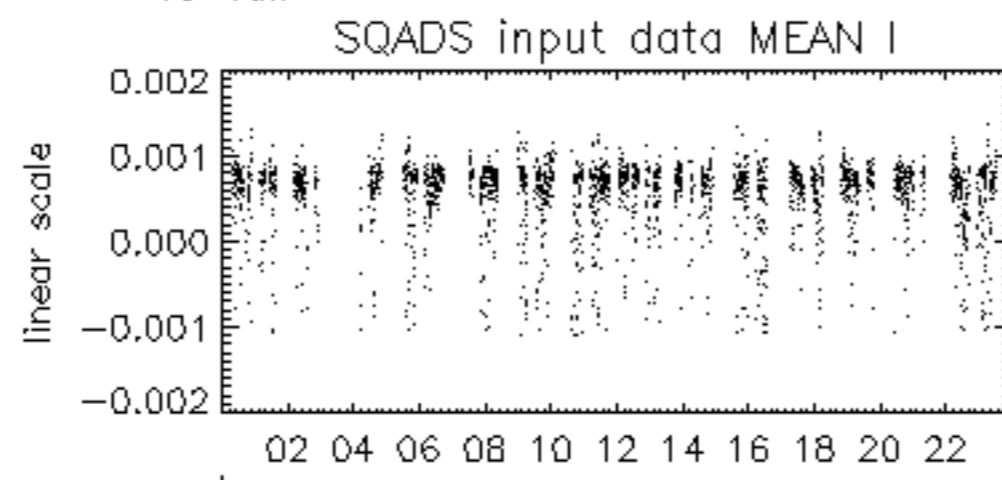


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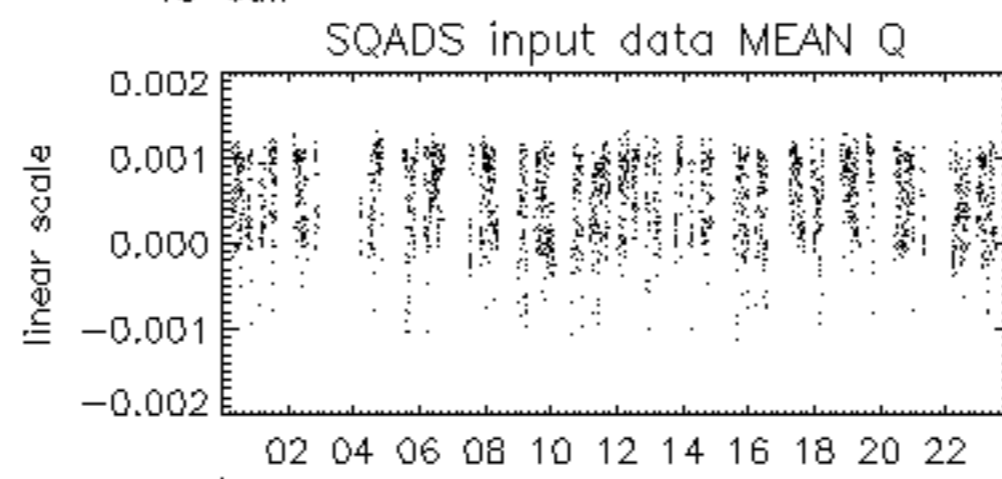




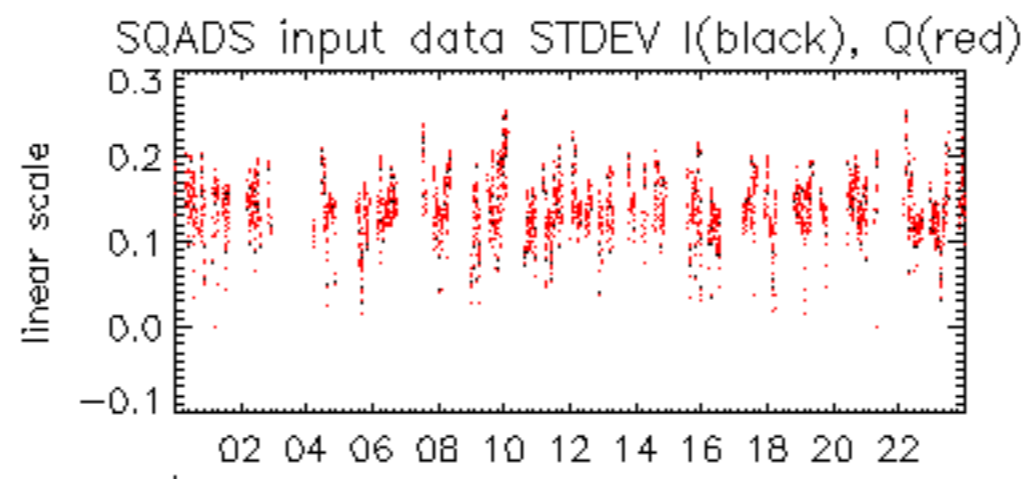
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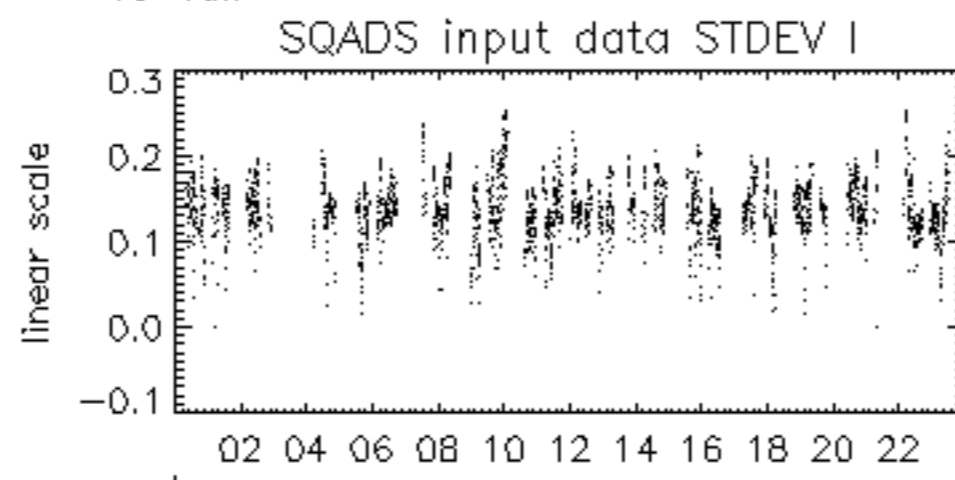
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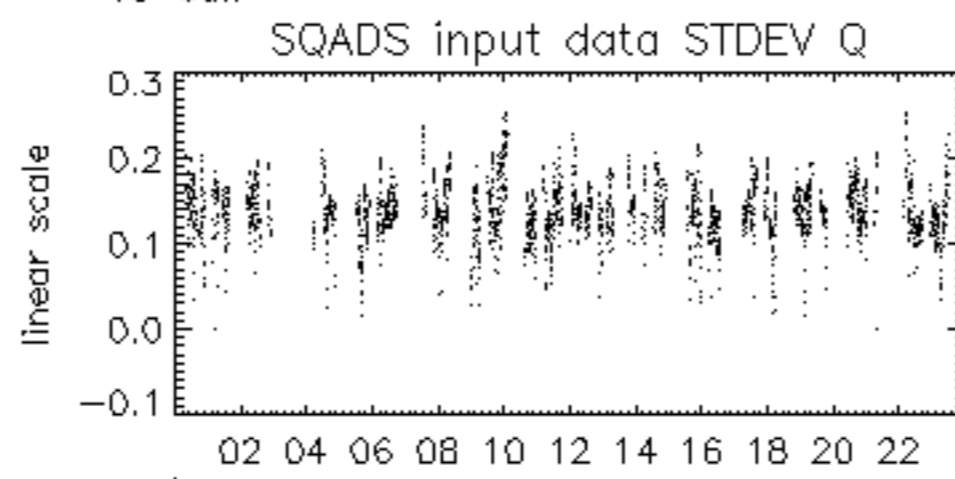
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