



Analysis from 05-JAN-2010 00:00:00 to 05-JAN-2010 23:59:59. Page generated on 06-JAN-2010 08:34:16.
View log file: ASAR_Daily_Report_20100106_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.

SUMMARY

1. DATA SUMMARY
 - 1.1 Summary tables
 - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
 - 2.1 IECF operational ADFs list
 - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
 - 3.1 V/V polarisation
 - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
 - 4.1 Analysis for WVS IS2 V/V
 - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
 - 4.1.2 All Rows Analysis for WVS IS2 V/V
 - 4.2 Analysis for GM1 SS3 H/H
 - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
 - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
 - 5.1 Analysis for WVS IS2 V/V
 - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
 - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
 - 5.2 Analysis for GM1 SS1 H/H
 - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
 - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
 - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
 - 6.1 Analysis for WSM SS1 H/H
 - 6.1.1 ScaleFactor
 - 6.2 Analysis for WSM SS1 V/V
 - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
 - 7.1 Analysis for WVS
 - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
 - 8.1 Number of Missing Lines
 - 8.2 Number of Gaps

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

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	28	PDE	IS6	H/H	1	PDE	IS2	V/V	12	PDE	WS	H/H	34	PDE	2010-01-05 04:28:44	V	320
PDE	IS2	V/V	27	PDK	WS	H/H	45					PDE	IS3	H/H	1	PDE	WS	V/V	12				
PDK	IS2	V/V	29									PDE	IS5	H/H	1	PDK	WS	H/H	17				
												PDE	IS6	V/V	1	PDK	WS	V/V	3				
												PDE	IS7	V/V	1								
												PDK	IS2	H/H	2								
												PDK	IS2	V/V	1								
												PDK	IS4	V/V	1								

1.2 - Lists of products used

[[BACK TO MENU](#)]

[\[TXT\]](#) [\[XLS\]](#) 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

[[BACK TO MENU](#)]

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

3 - MODULE STEPPING PRODUCTS ANALYSIS





3.2 - H/H polarisation

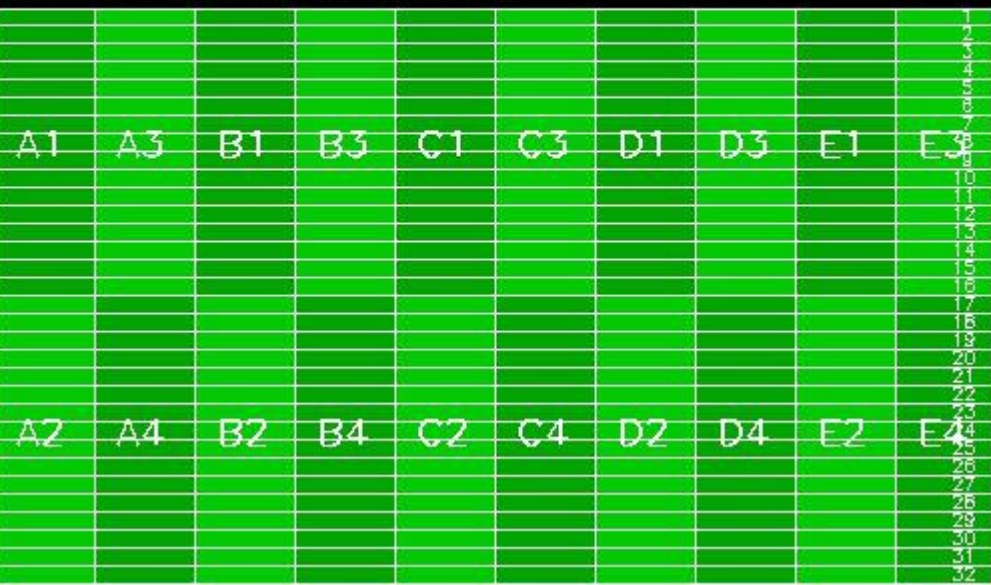
[BACK TO MENU]

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 : 2010-01-04 05:00:21 H



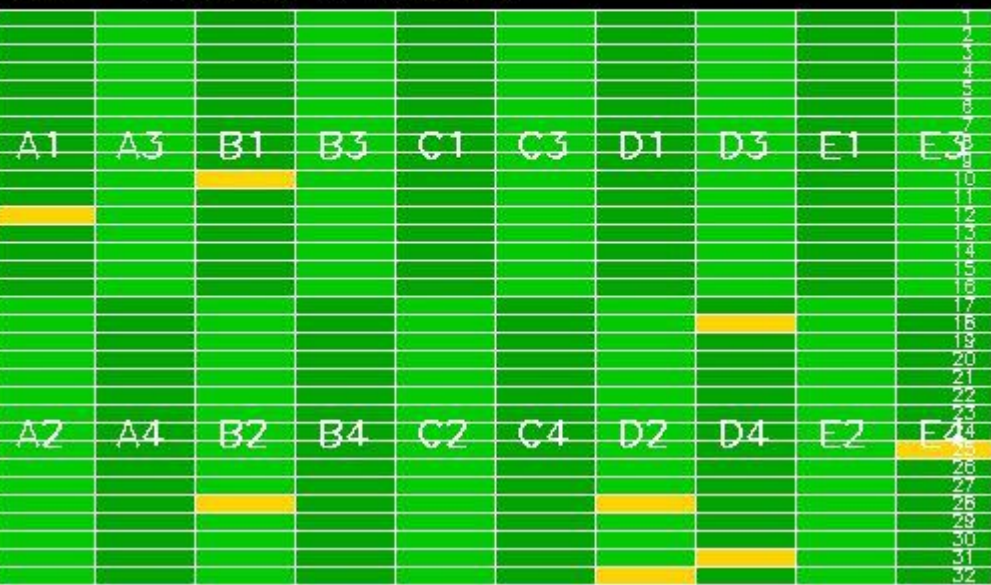
Reference: 2010-01-02 06:03:35 H RxGain
 Test : 2010-01-04 05:00:21 H

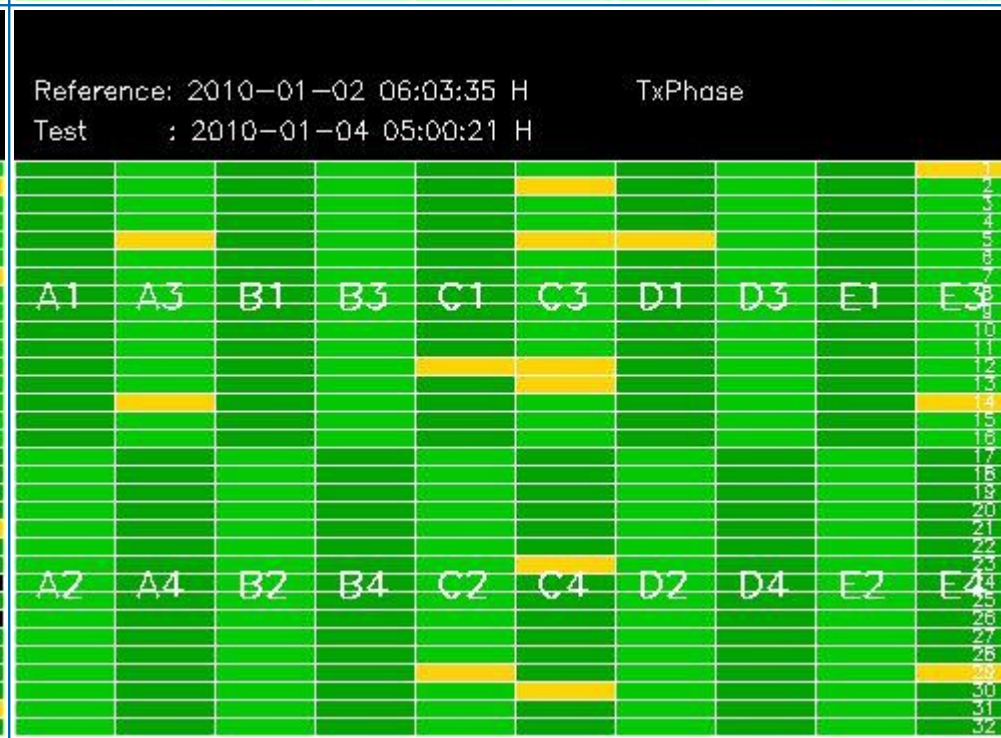
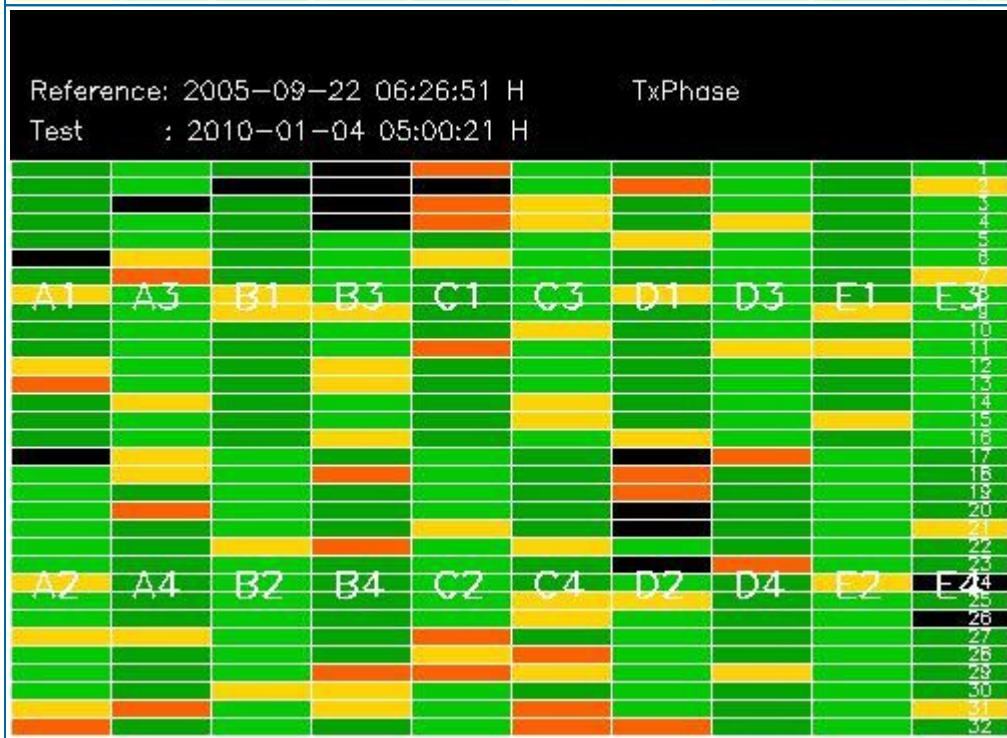
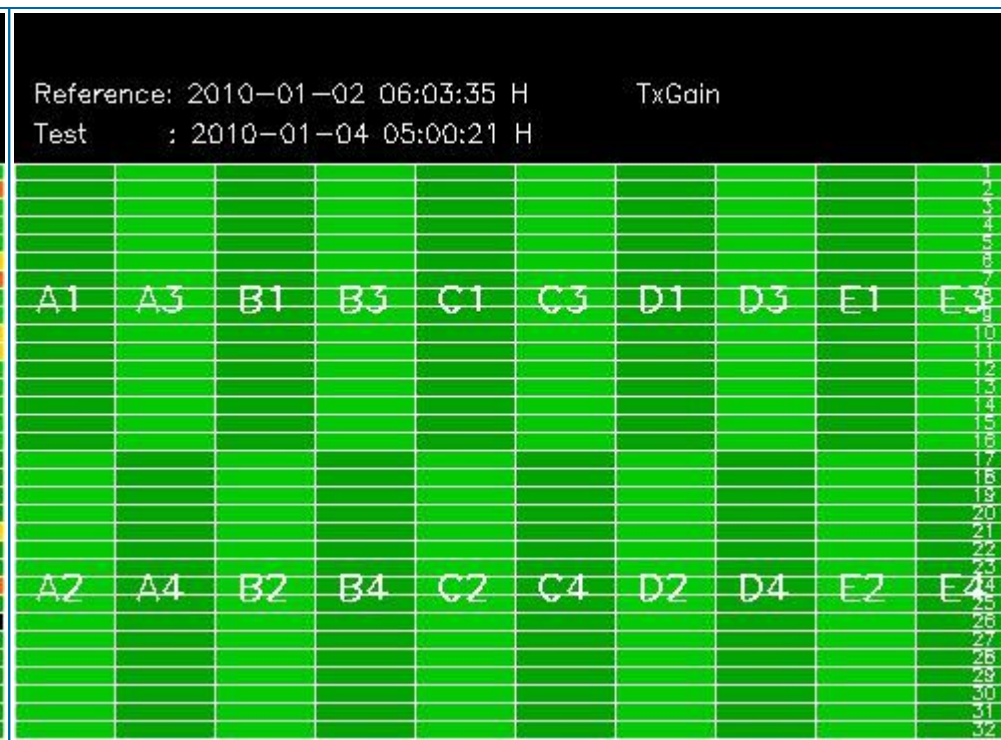
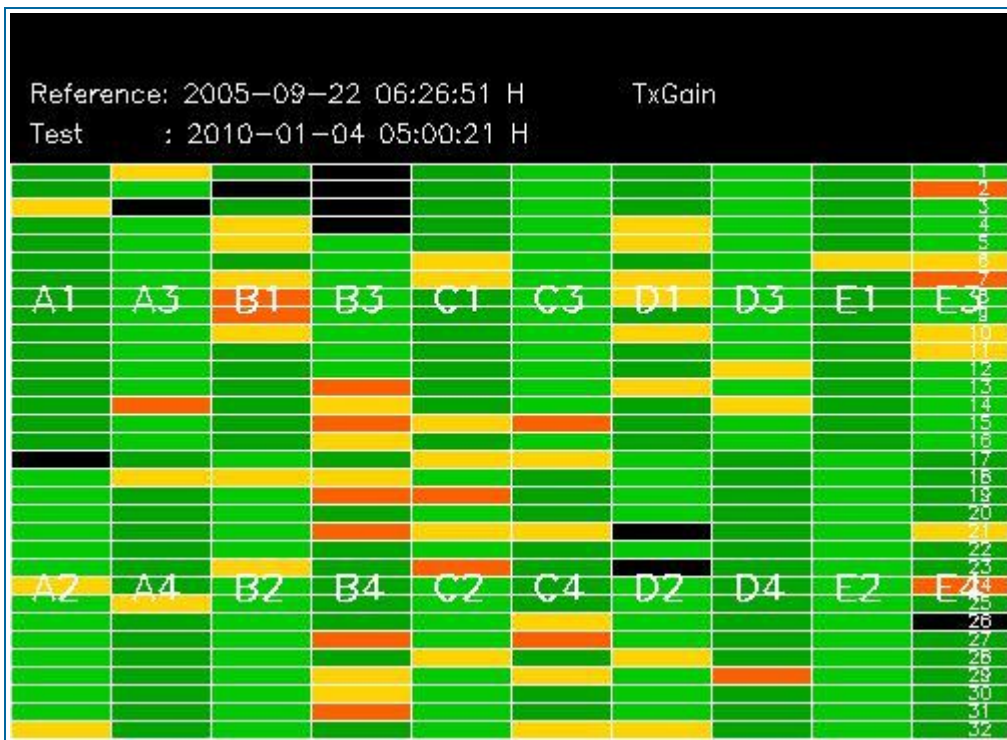


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2010-01-04 05:00:21 H



Reference: 2010-01-02 06:03:35 H RxPhase
 Test : 2010-01-04 05:00:21 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

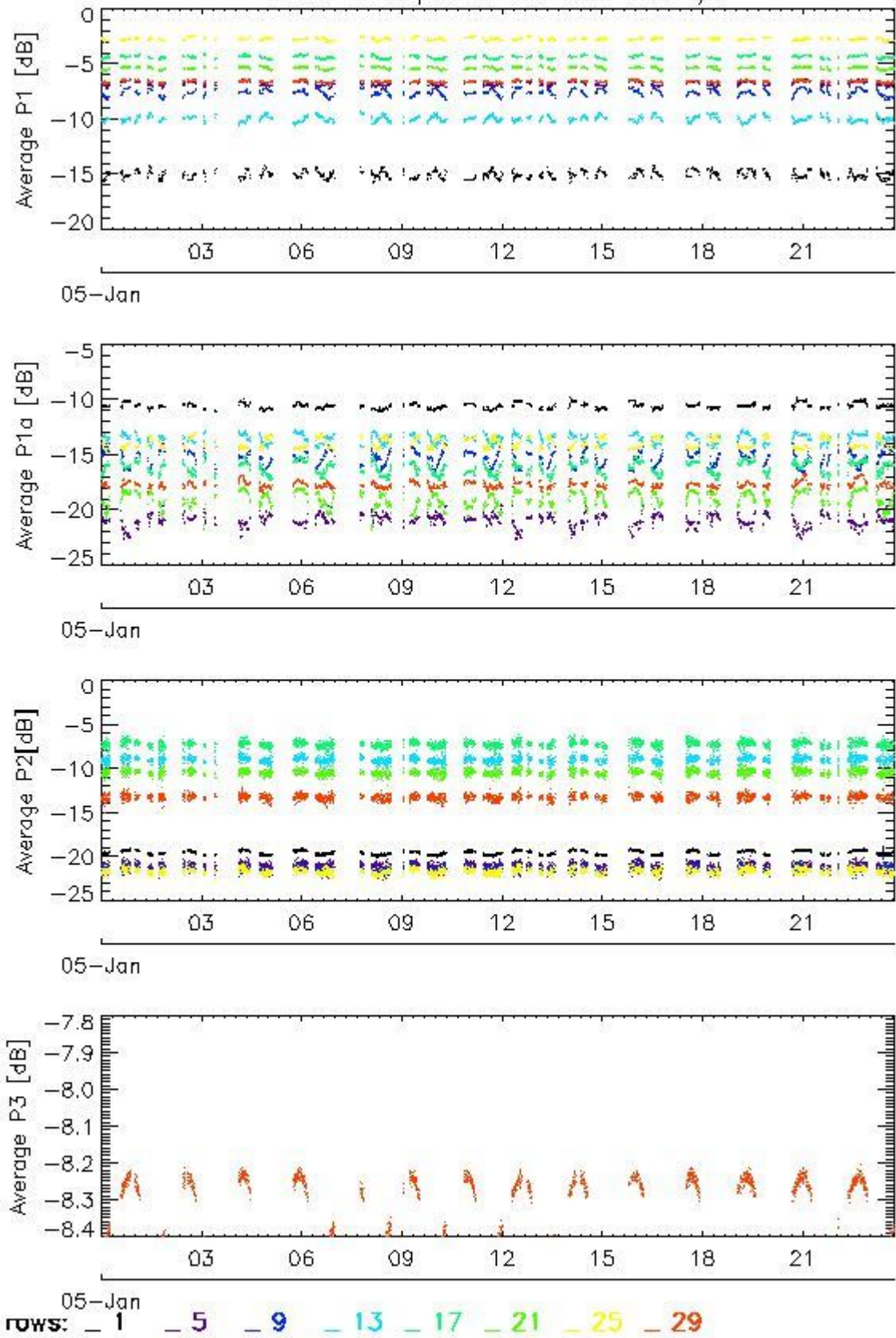
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

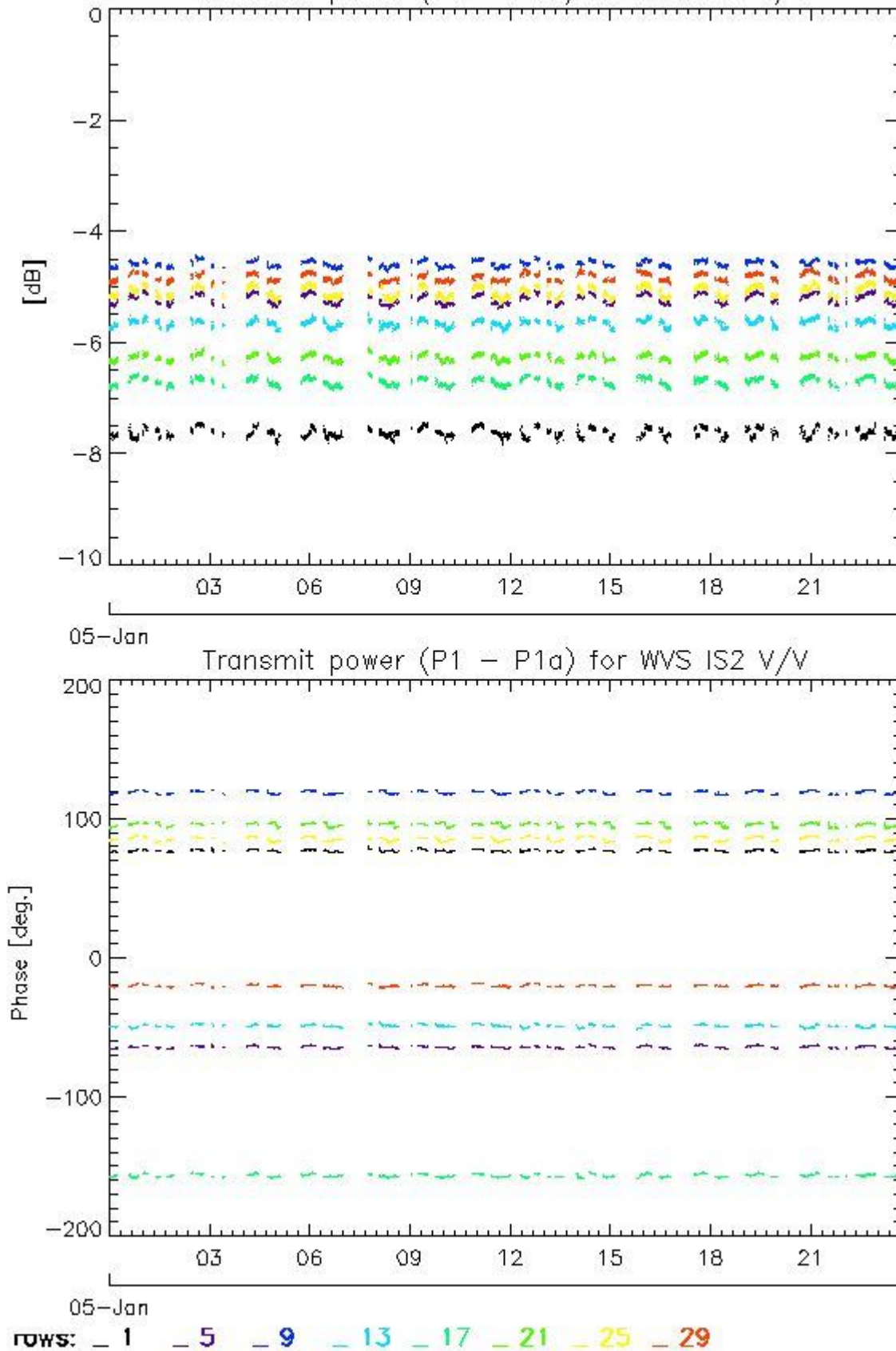
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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 WVS IS2 V/V



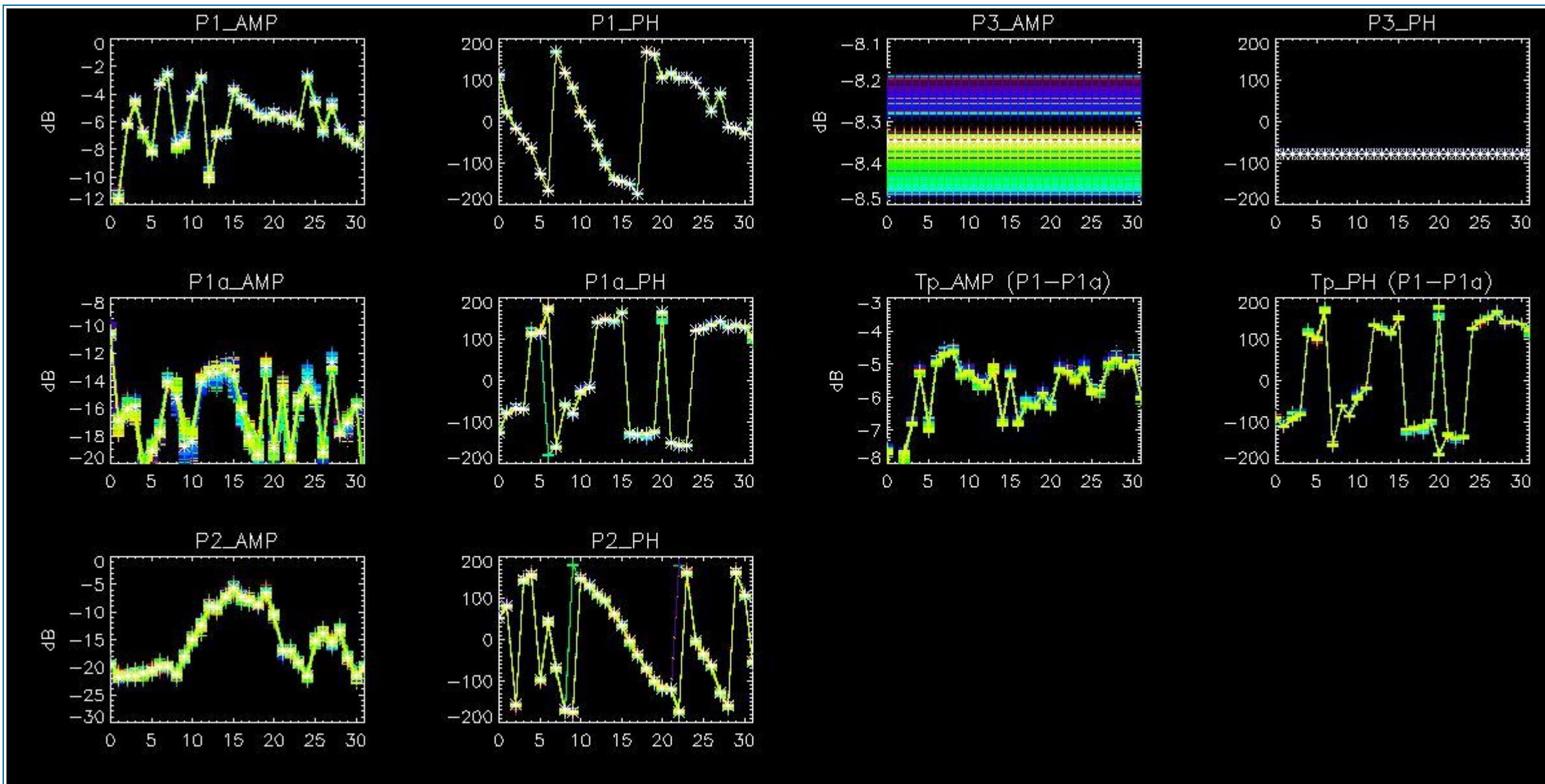
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

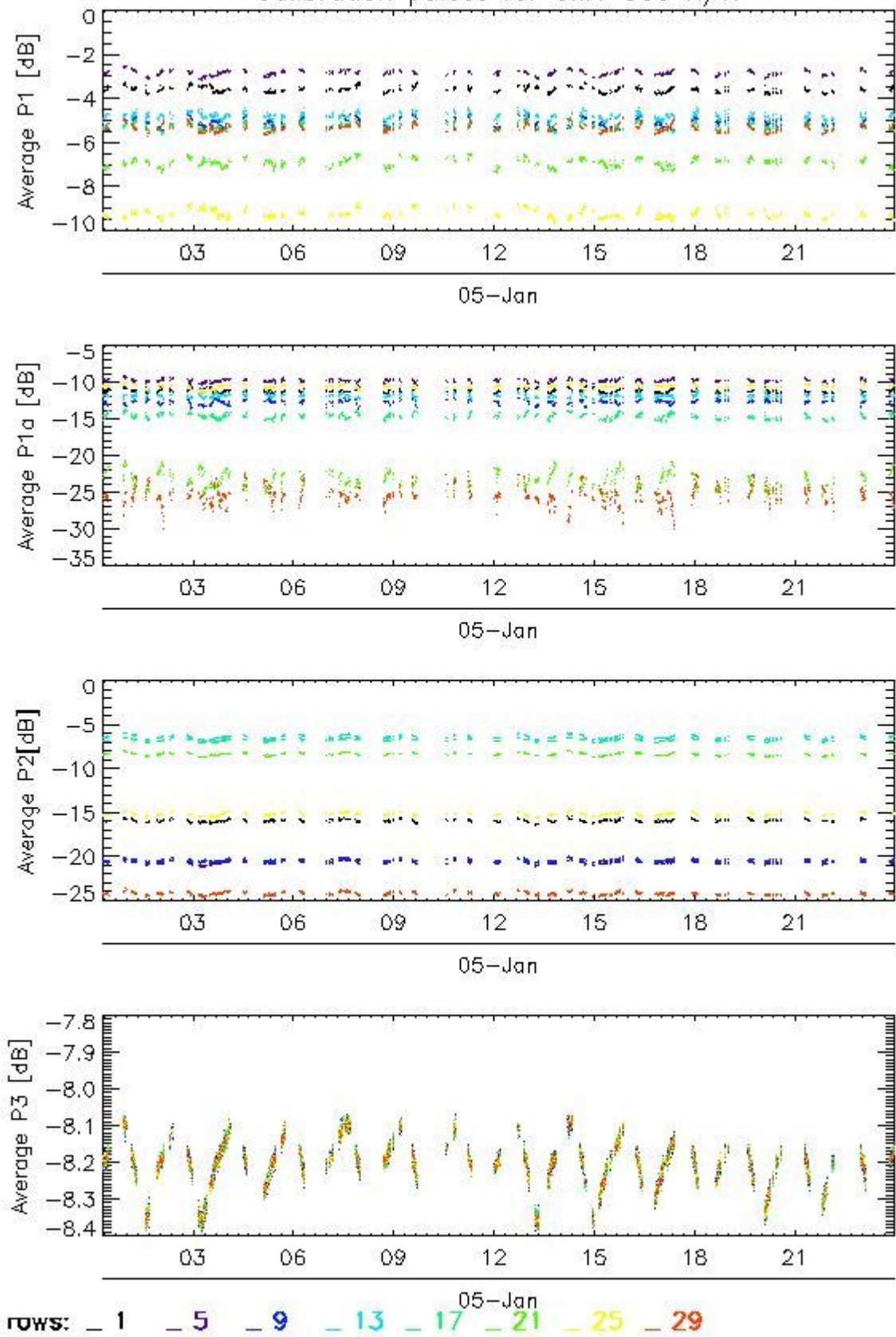
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

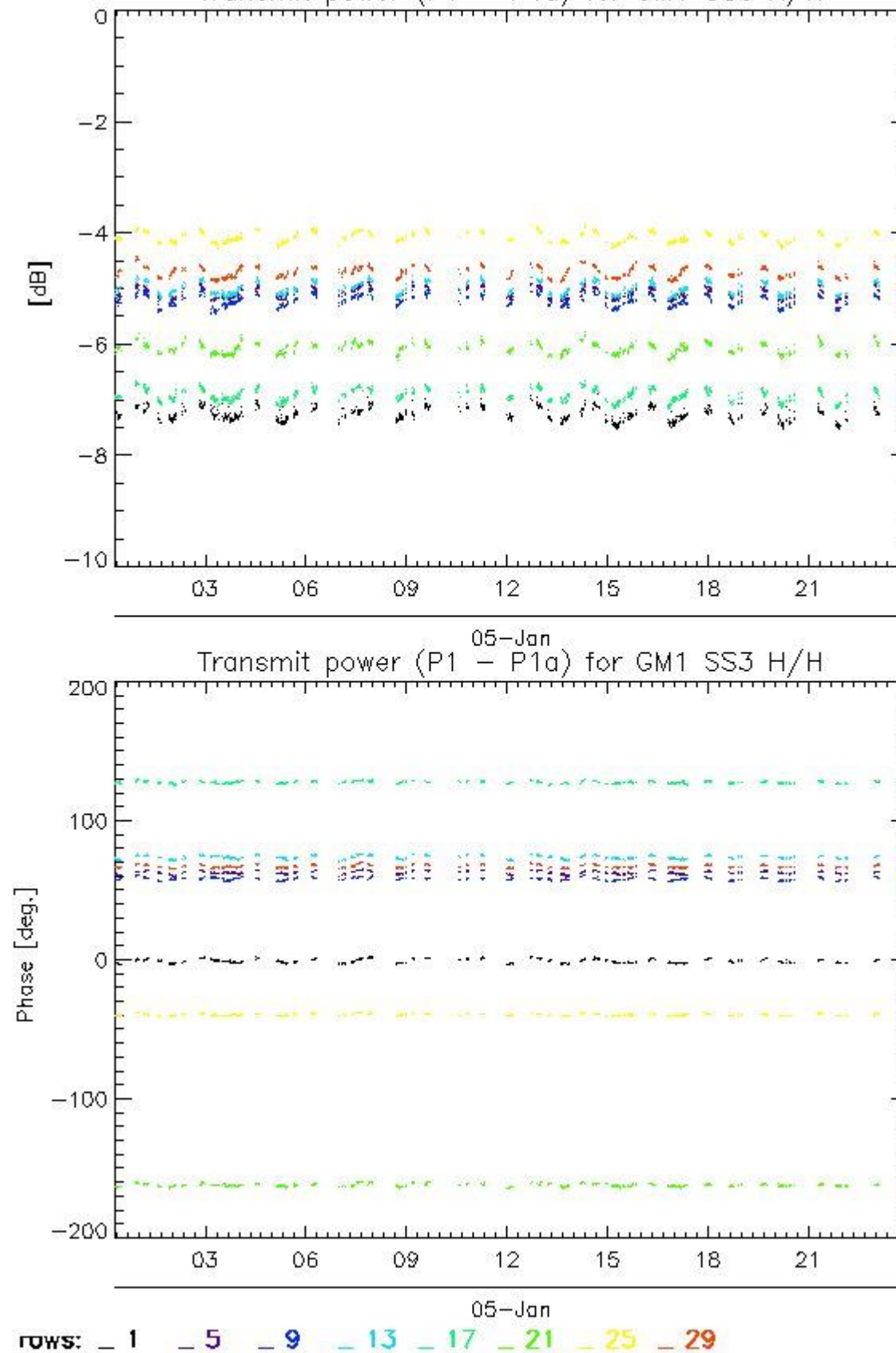
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



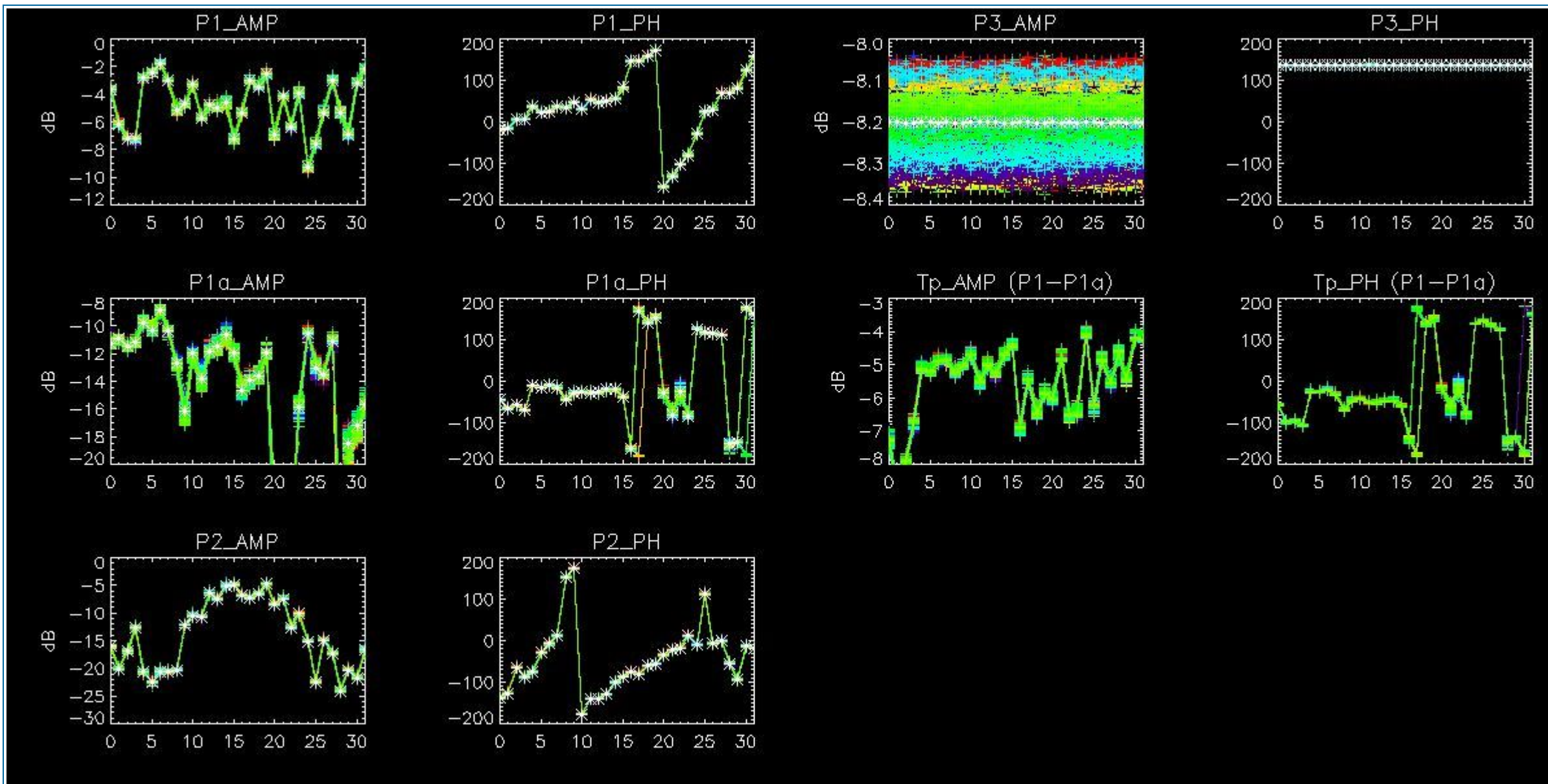
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





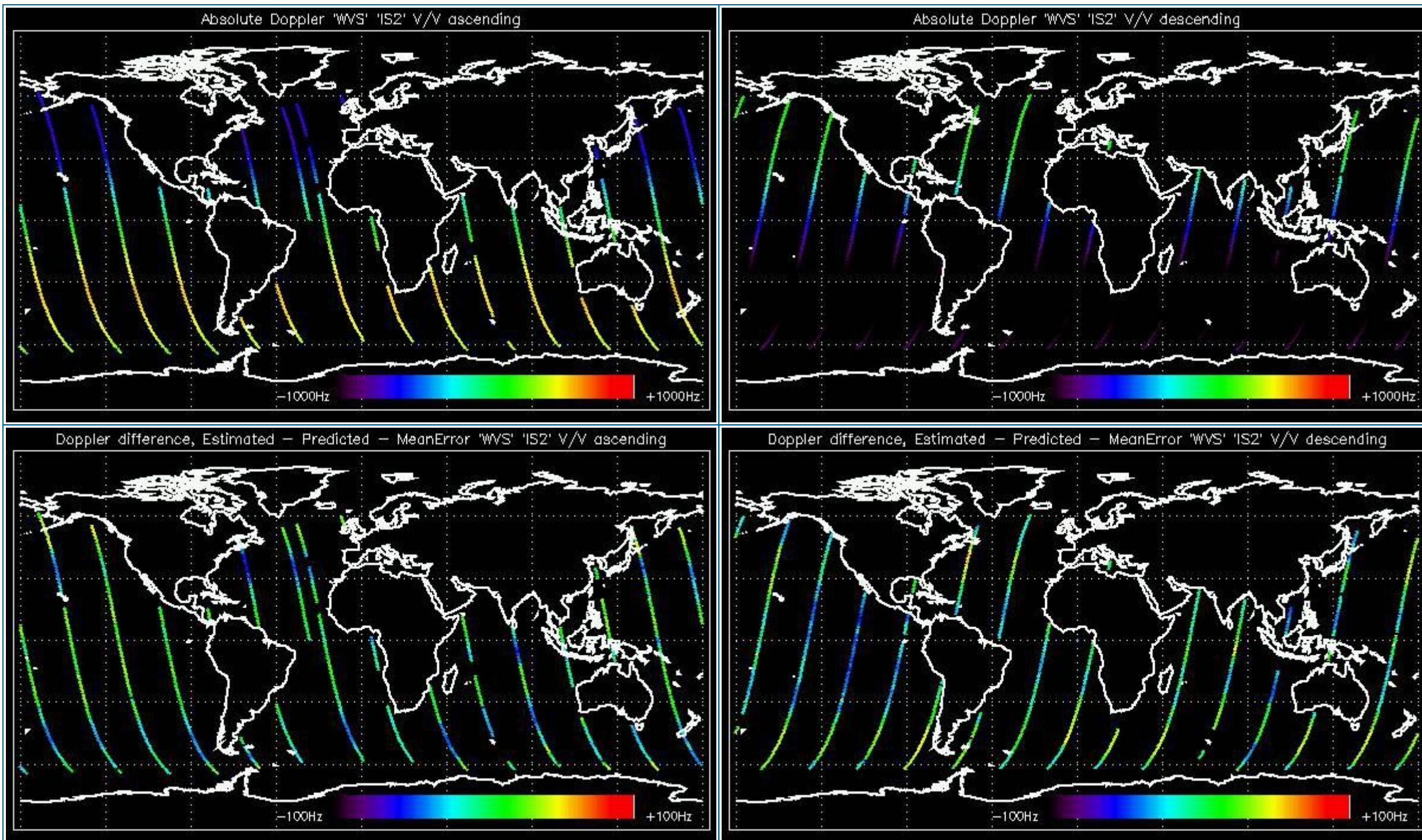
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

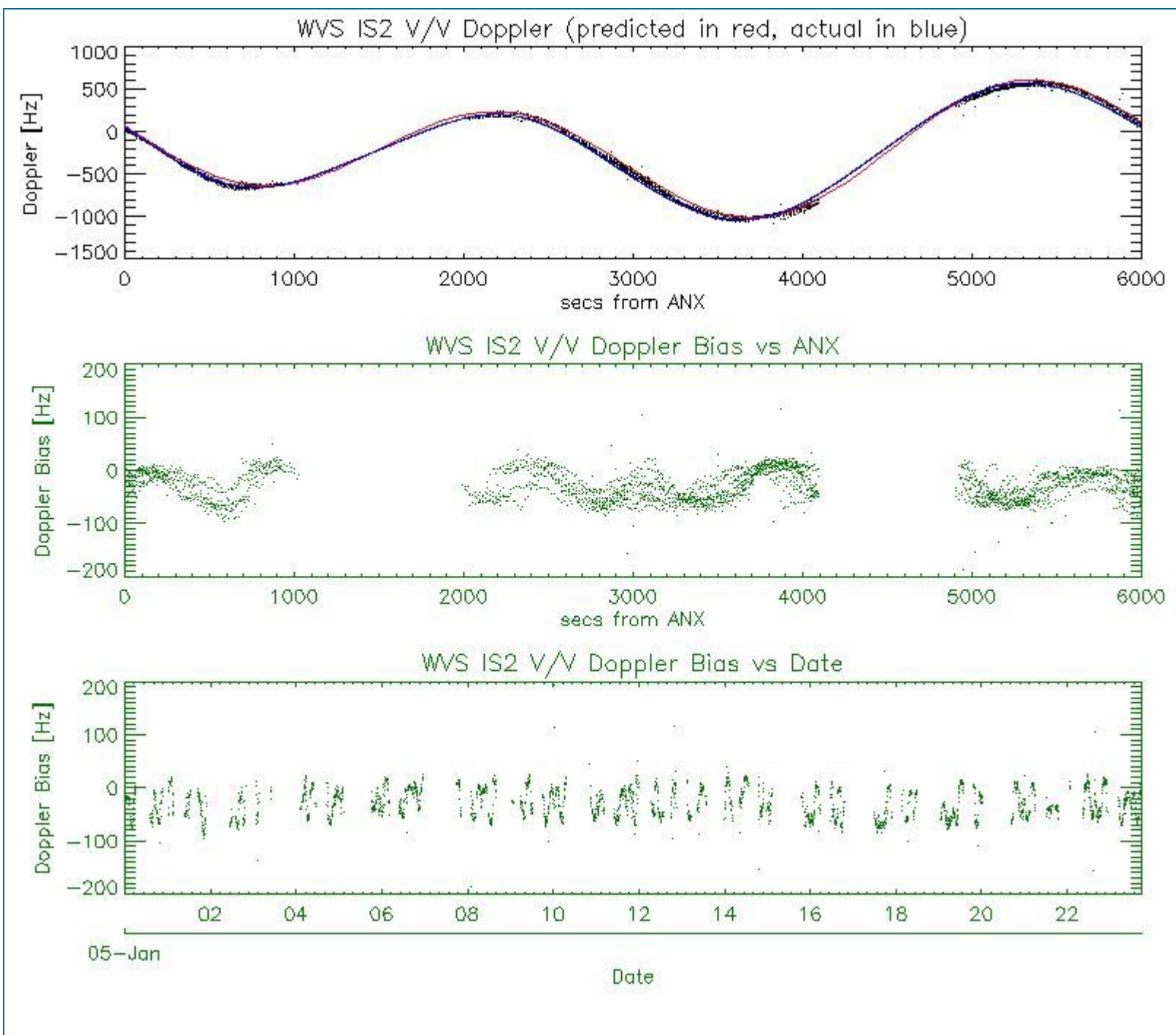




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



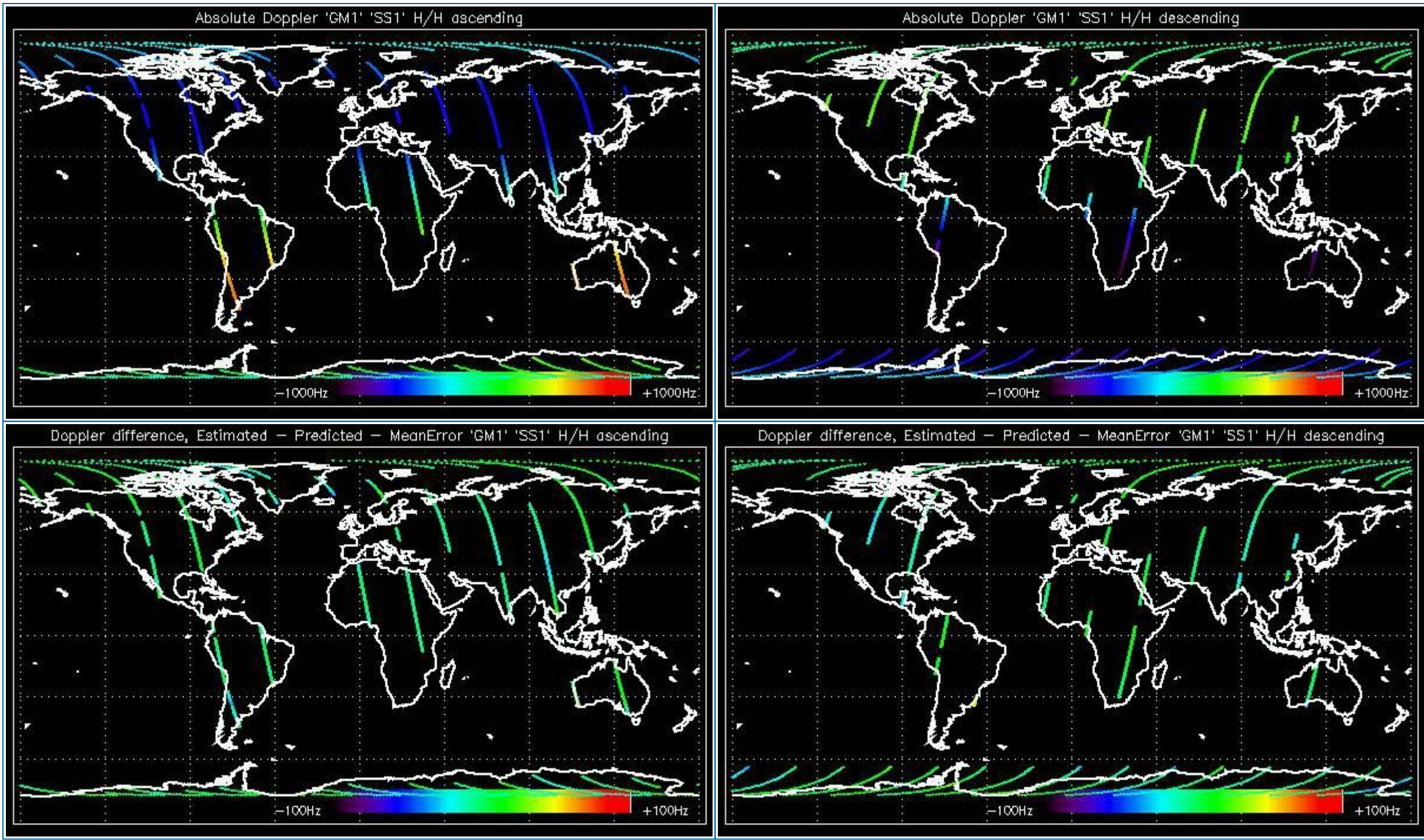


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

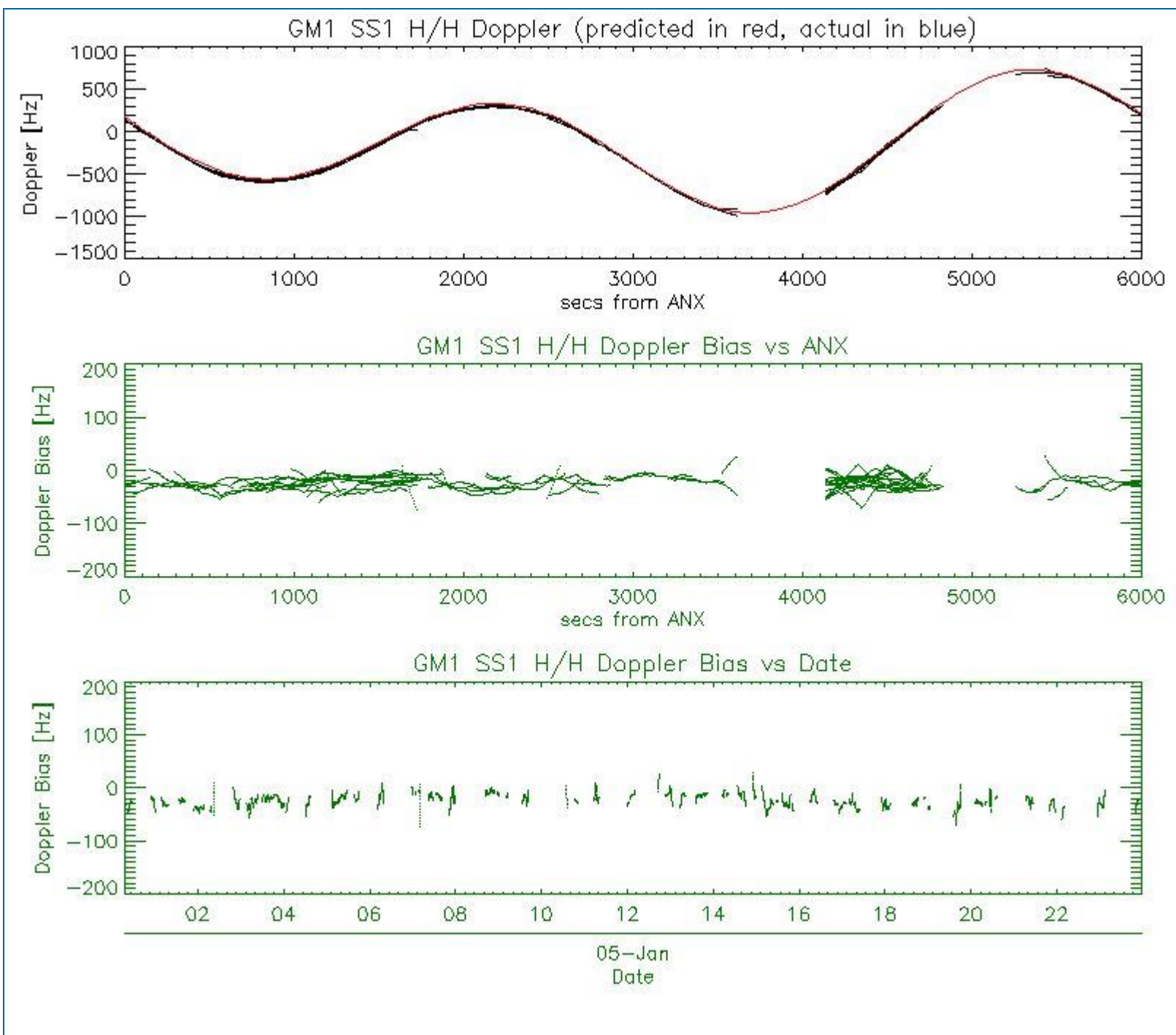




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

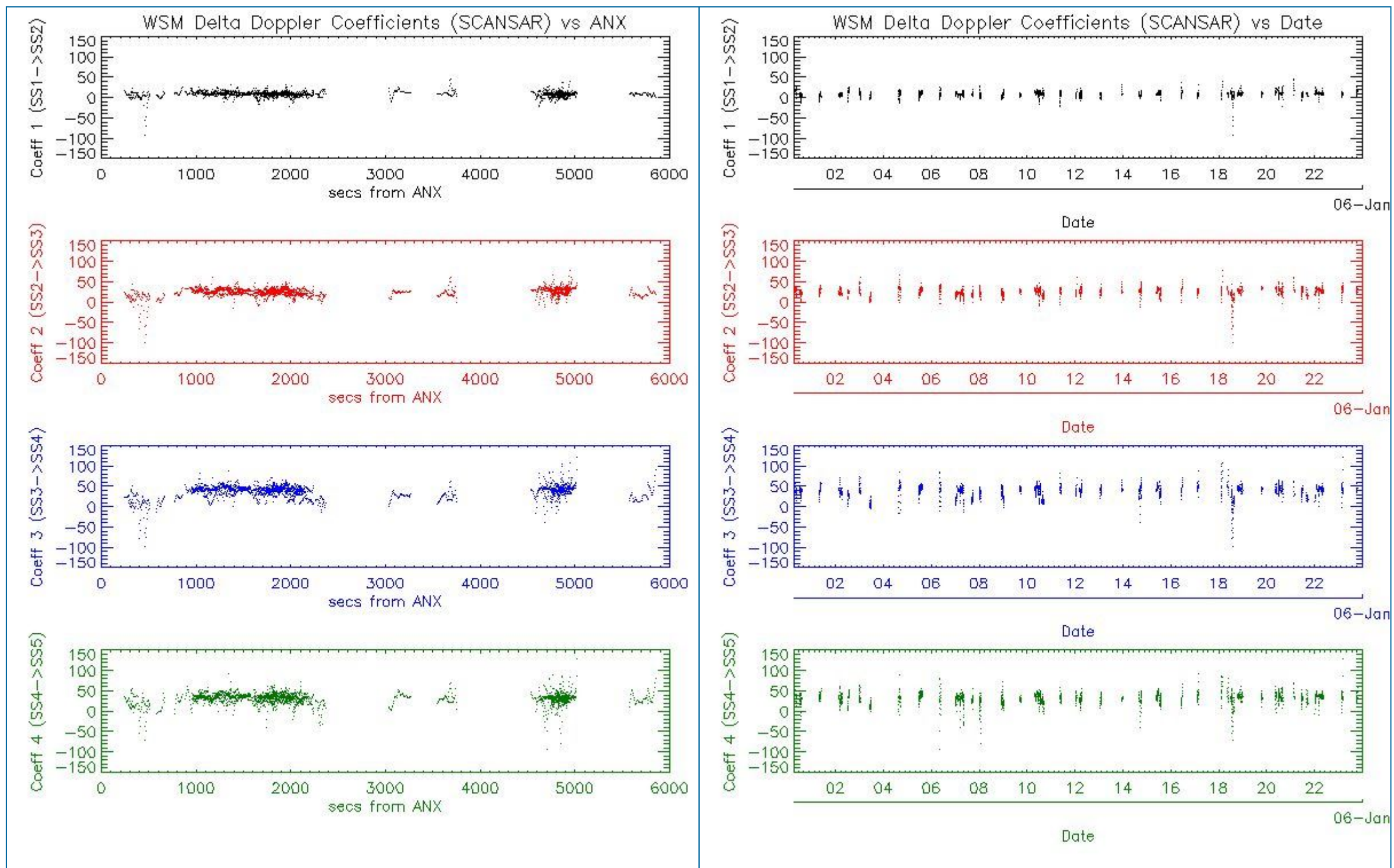




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]

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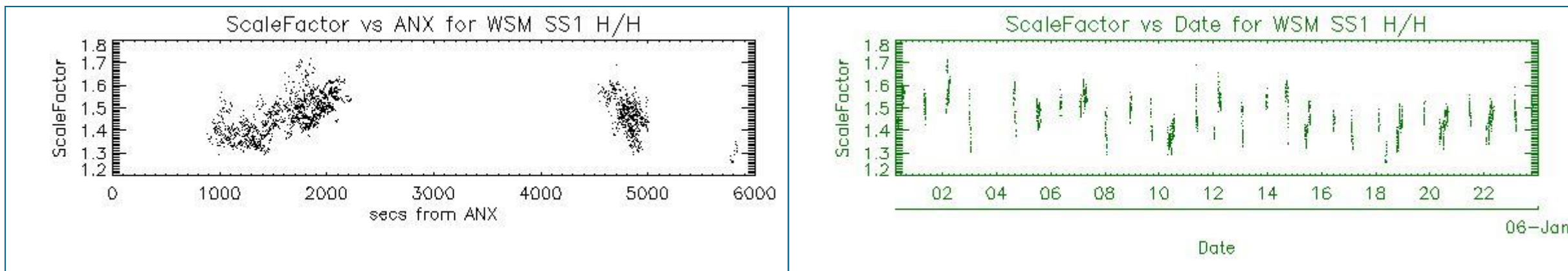
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

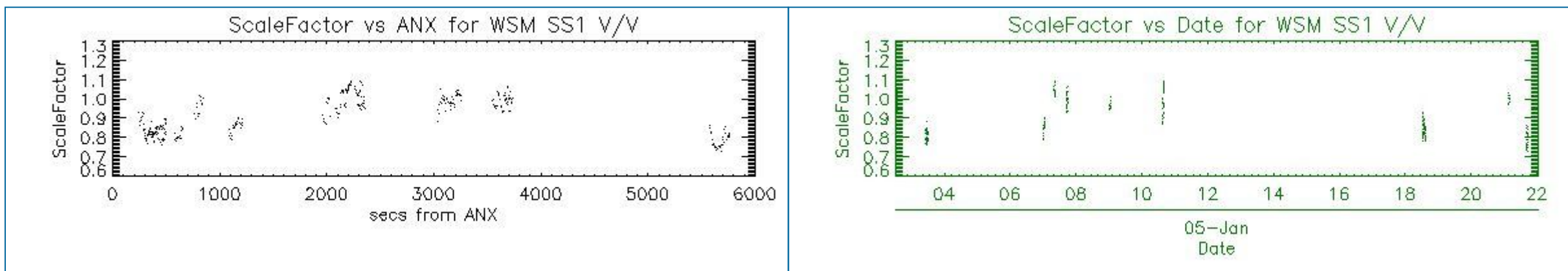




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

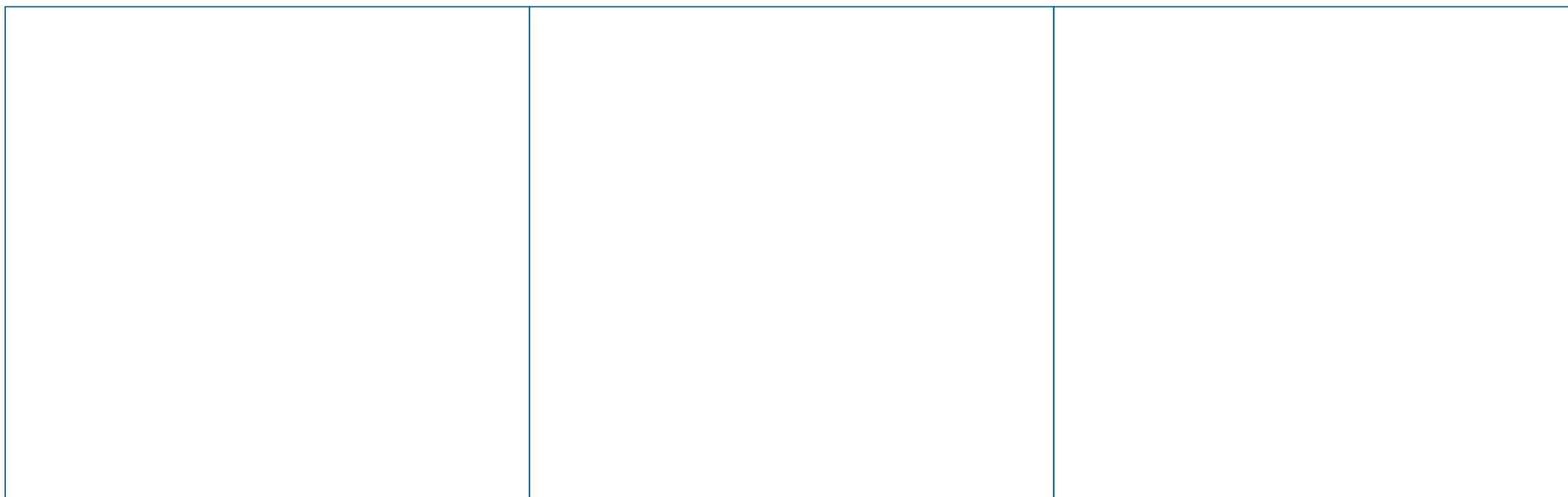
[[BACK TO MENU](#)]

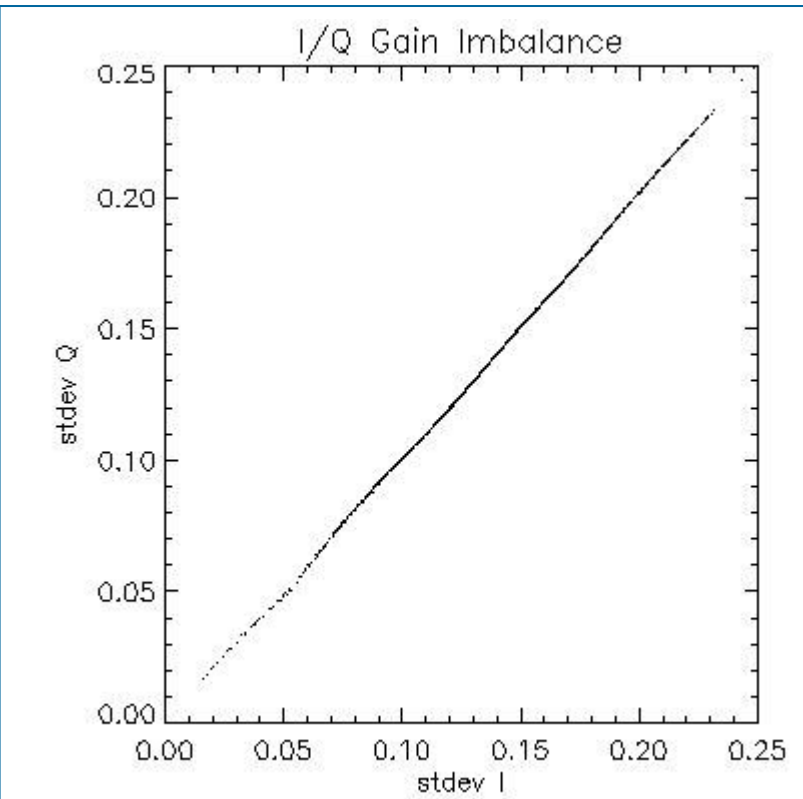
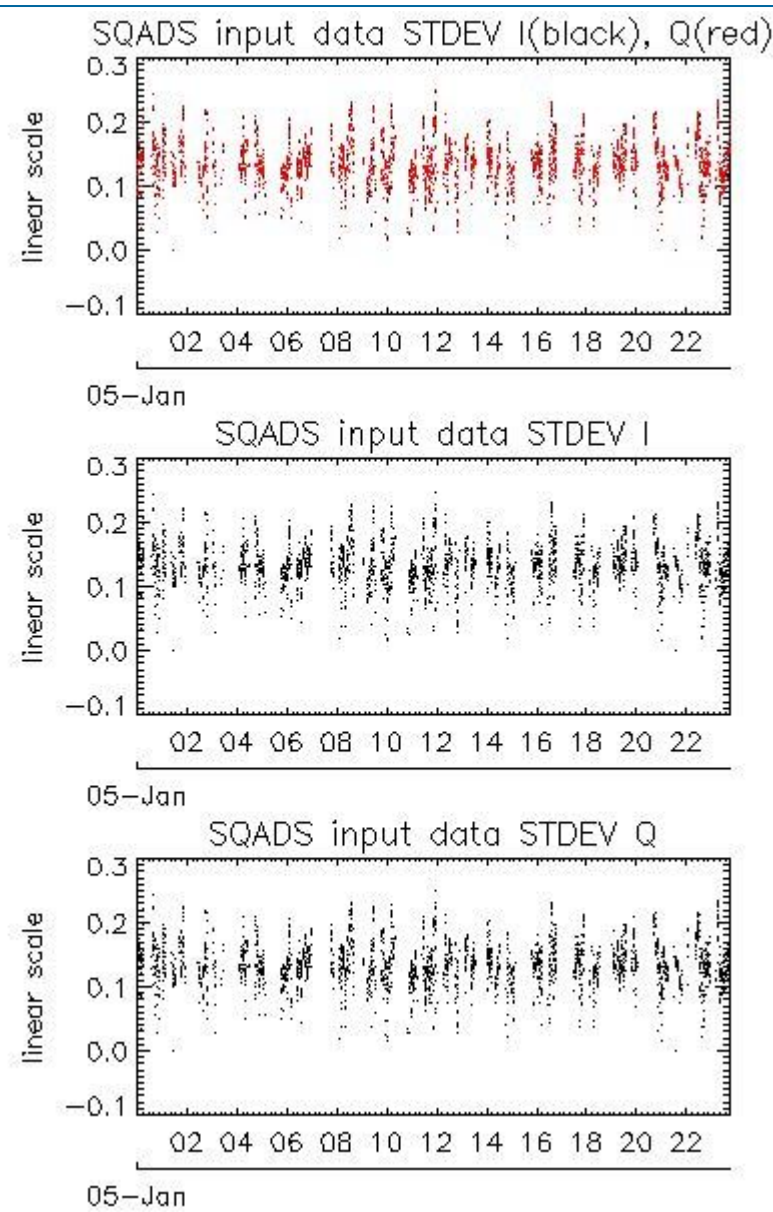
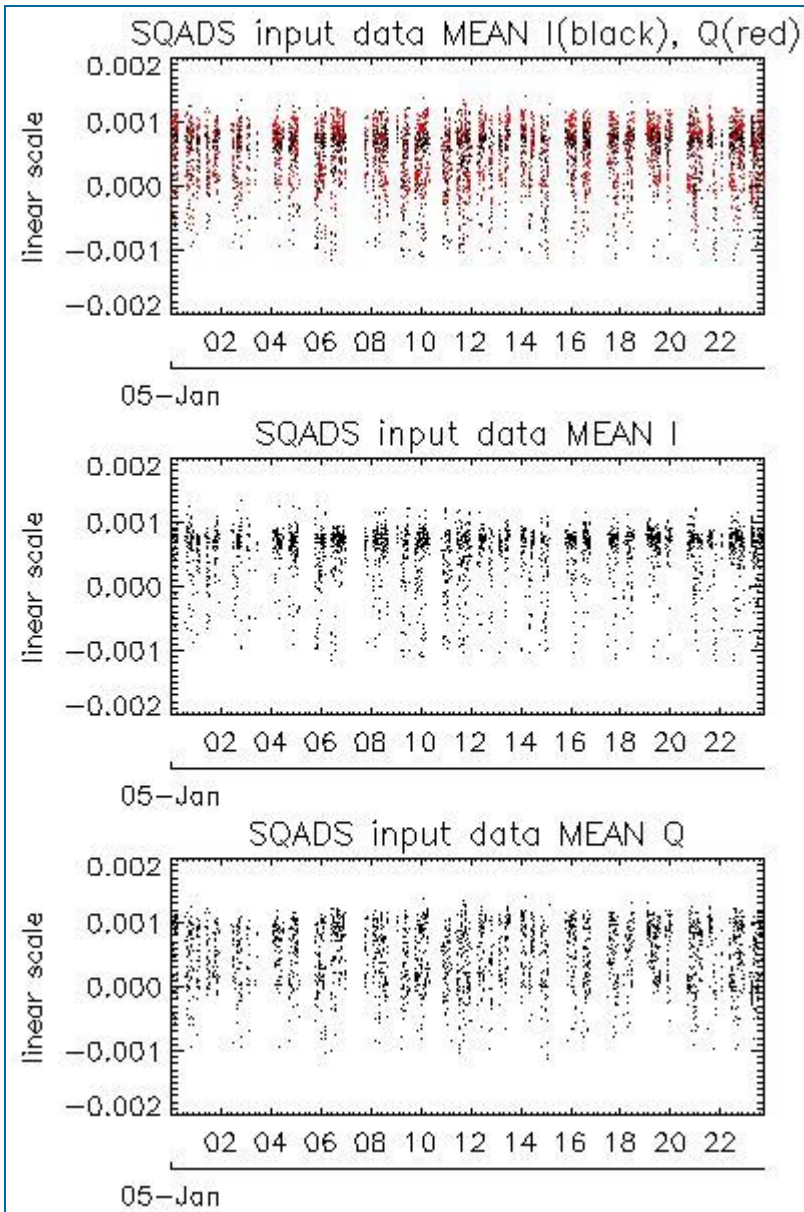


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]



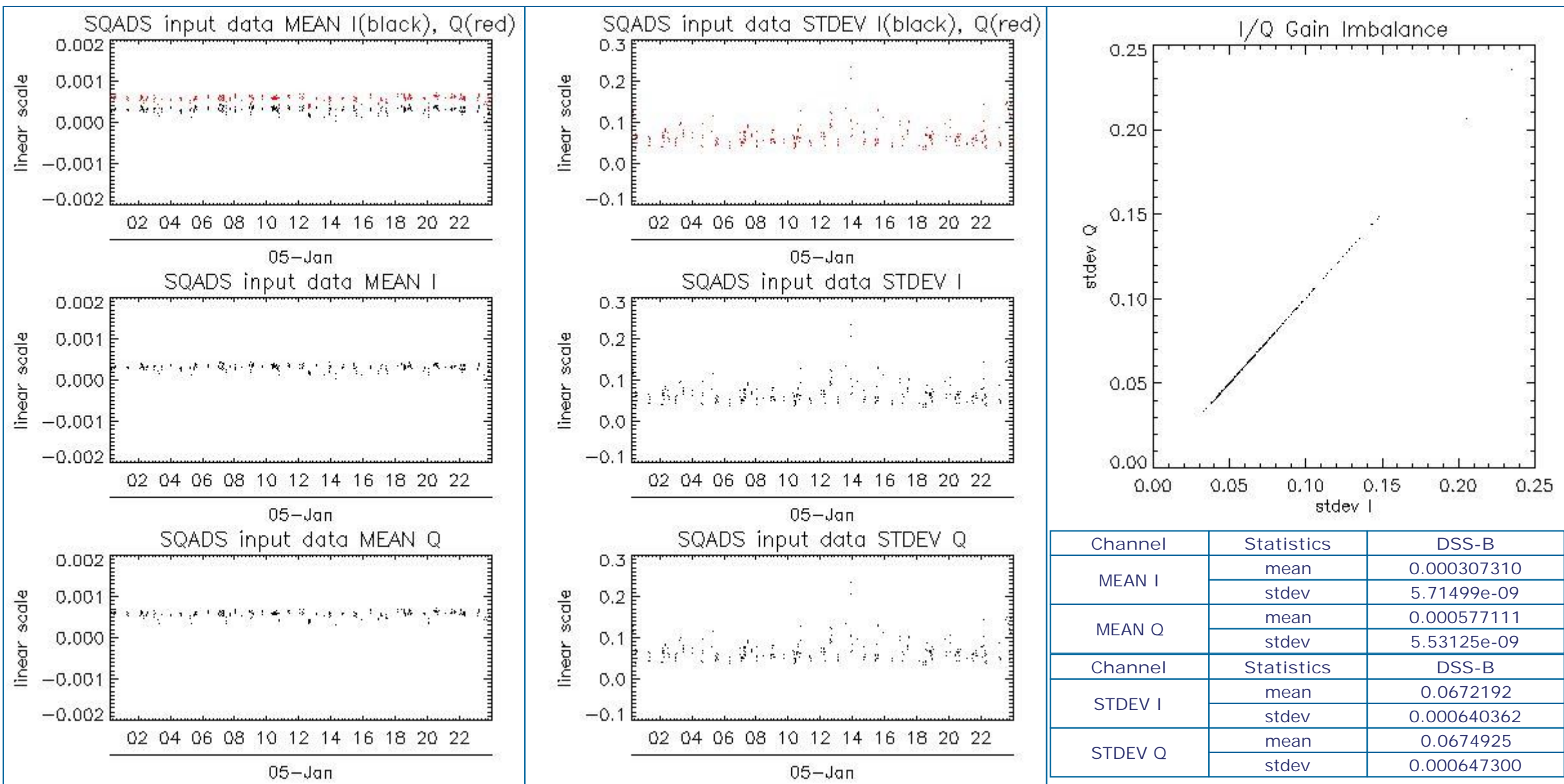


Channel	Statistics	DSS-B
MEAN I	mean	0.000508565
	stdev	2.12322e-07
MEAN Q	mean	0.000490969
	stdev	2.35768e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.134830
	stdev	0.00117269
STDEV Q	mean	0.135226
	stdev	0.00119251

7.2 - Analysis for IMM

[[BACK TO MENU](#)]





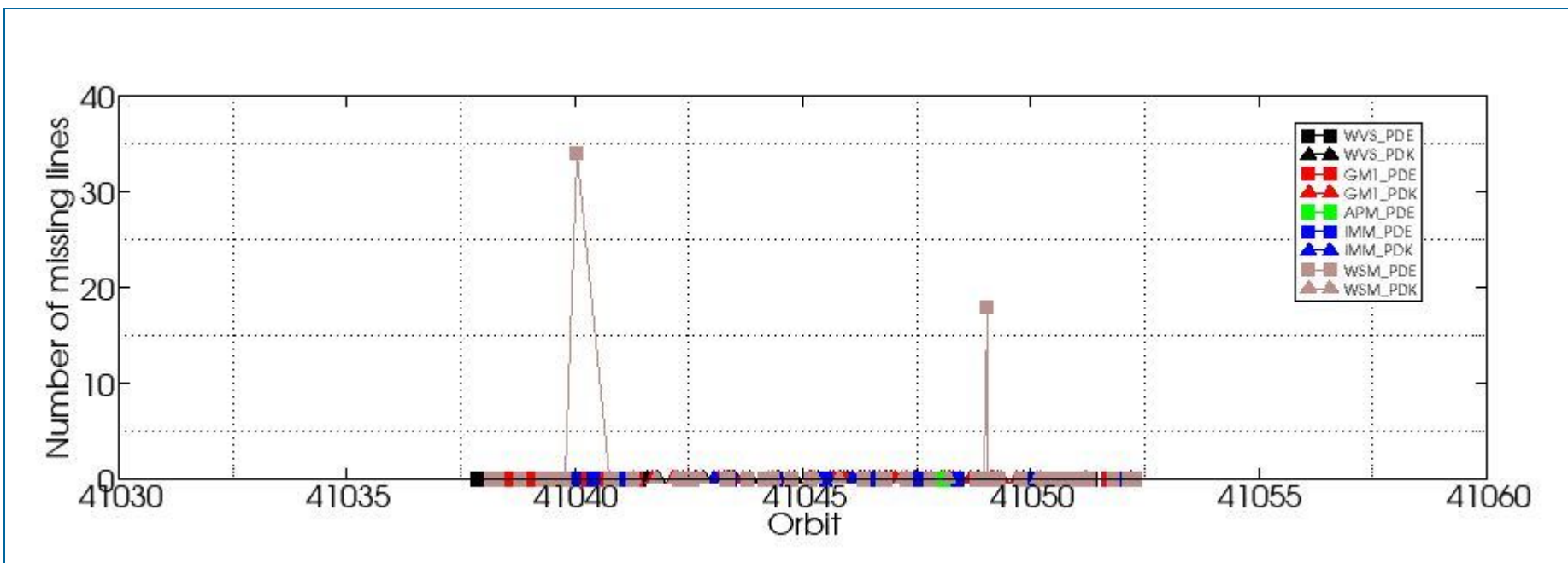
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20100105_032610_000002262085_00405_41040_3375.N1	0	34
PDE	ASA_WSM_1PNPDE20100105_183051_000000982085_00414_41049_3482.N1	0	18

8.1 - Number of Missing lines

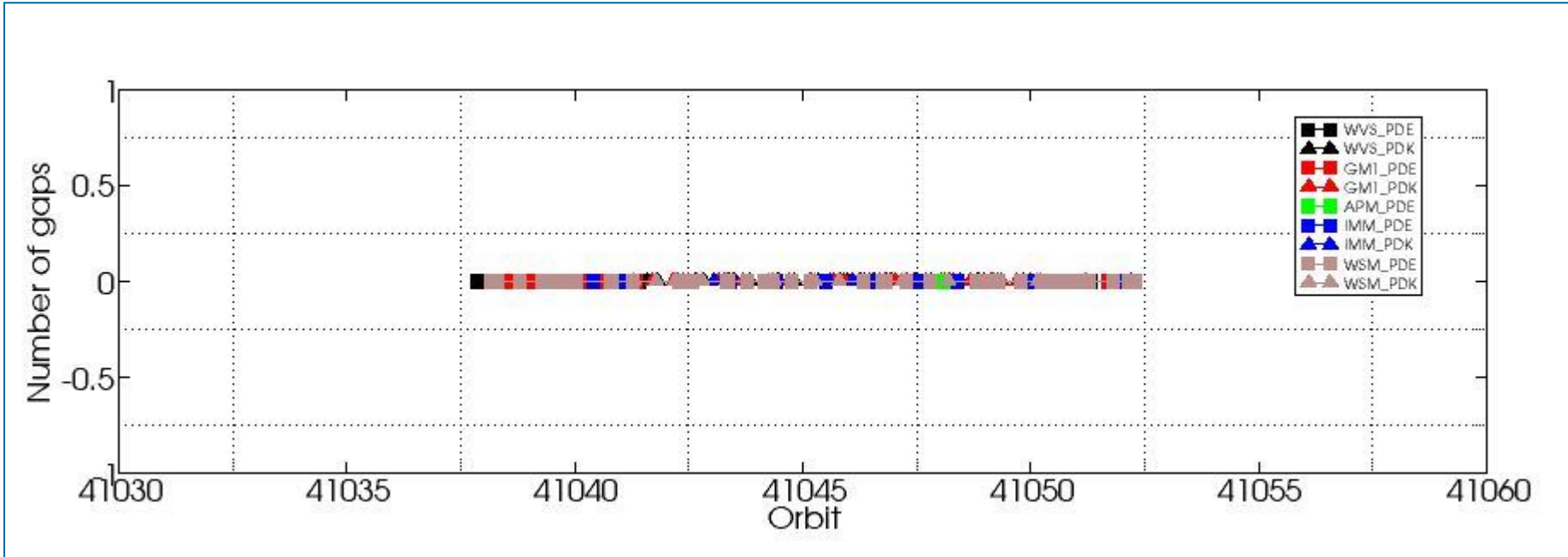
[BACK TO MENU]





8.2 - Number of Gaps

[\[BACK TO MENU \]](#)



ASAR DAILY REPORT for 100105
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100105/

DATA SUMMARY

Summary will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100105/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_100105/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_100105/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100105/AUXILIARY

Creating directory ./RESULTS/DAILY/_100105/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20100105*current_3_IECF_ADFs.txt
 Found list 20100105_030002_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/_100105/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20100105_003536_000010522085_00403_41038_3344.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_010025_000004802085_00403_41038_3346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_012346_000002842085_00403_41038_3347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_012746_000002402085_00403_41038_3356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_014218_000007042085_00404_41039_3358.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_022642_000002242085_00404_41039_3361.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_023519_000005992085_00404_41039_3363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_024504_000002402085_00404_41039_3384.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_030330_000002552085_00404_41039_3380.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_032408_000000742085_00405_41040_3376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_040617_000009742085_00405_41040_3389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_042217_000000902085_00405_41040_3404.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_042659_000000602085_00405_41040_3403.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_044309_000013792085_00405_41040_3398.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_054524_000010342085_00406_41041_3397.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_204121_000015742085_00415_41050_3486.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_210935_000003602085_00415_41050_3488.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_213057_000002242085_00415_41050_3489.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_213357_000002852085_00415_41050_3501.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_214343_000002692085_00415_41050_3502.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_220306_000000902085_00416_41051_3503.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_222123_000020842085_00416_41051_3506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_231143_000003602085_00416_41051_3507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_231644_000008992085_00416_41051_3526.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_233333_000002842085_00417_41052_3525.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100105_233950_000002552085_00417_41052_3523.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_060224_000004652085_00406_41041_4082.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_062345_000020542085_00406_41041_4087.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_074509_000003302085_00407_41042_4103.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_080434_000013642085_00407_41042_4104.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_082852_000006892085_00408_41043_4106.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_090246_000000592085_00408_41043_4123.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_091347_000010492085_00408_41043_4126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_094518_000020092085_00408_41043_4127.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_105136_000012142085_00409_41044_4144.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_112536_000020392085_00409_41044_4148.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_121736_000010042085_00410_41045_4158.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_124441_000004652085_00410_41045_4161.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_130645_000003752085_00410_41045_4166.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_132129_000005242085_00410_41045_4165.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_133314_000000742085_00411_41046_4163.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_135942_000007192085_00411_41046_4178.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_142051_000007352085_00411_41046_4183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_144724_000004352085_00411_41046_4184.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_145905_000004792085_00411_41046_4187.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_154746_000000892085_00412_41047_4200.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_155213_000001642085_00412_41047_4202.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_155627_000010342085_00412_41047_4204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_WVS_1PNPDK20100105_162825_000011692085_00412_41047_4207.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_173002_000014542085_00413_41048_4222.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_180838_000006062085_00413_41048_4221.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_181325_000004942085_00413_41048_4220.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_182345_000003742085_00413_41048_4224.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_190231_000019492085_00414_41049_4240.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100105_194909_000007052085_00414_41049_4243.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_GM1.txt...

```
ASA_GM1_1PNPDE20100105_001806_000001142085_00403_41038_3341.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_002149_000004342085_00403_41038_3343.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_005352_000003922085_00403_41038_3345.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_010907_000005982085_00403_41038_3348.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_013405_000004892085_00403_41038_3357.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_015442_000008342085_00404_41039_3360.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_021719_000001142085_00404_41039_3359.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_022220_000000782085_00404_41039_3362.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_024940_000005312085_00404_41039_3385.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_030825_000001812085_00404_41039_3383.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_031136_000001142085_00404_41039_3382.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_031418_000003922085_00404_41039_3381.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_032137_000001382085_00405_41040_3379.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_033003_000007072085_00405_41040_3377.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_034239_000011302085_00405_41040_3387.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_040312_000001812085_00405_41040_3390.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_043017_000004472085_00405_41040_3402.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_050653_000003442085_00406_41041_3401.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_051406_000001932085_00406_41041_3400.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_051821_000006282085_00406_41041_3399.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_053731_000004712085_00406_41041_3405.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_202521_000001992085_00415_41050_3485.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_203335_000001572085_00415_41050_3487.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_211616_000006162085_00415_41050_3490.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_214849_000005132085_00416_41051_3504.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_220701_000001632085_00416_41051_3505.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_225655_000006042085_00416_41051_3508.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100105_235003_000005012085_00417_41052_3524.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_061053_000005552085_00406_41041_4083.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_065852_000000962085_00407_41042_4085.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_070313_000000962085_00407_41042_4084.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_070830_000001442085_00407_41042_4086.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_070949_000000902085_00407_41042_4100.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_072154_000004162085_00407_41042_4101.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_073144_000005922085_00407_41042_4102.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_075127_000005192085_00407_41042_4105.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_084107_000007372085_00408_41043_4107.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_085213_000001442085_00408_41043_4122.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_085843_000001442085_00408_41043_4124.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_091017_000002052085_00408_41043_4125.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_093206_000005732085_00408_41043_4129.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_103447_000000662085_00409_41044_4142.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_104701_000002712085_00409_41044_4143.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_111243_000004772085_00409_41044_4145.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_120024_000001082085_00410_41045_4146.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_120401_000004222085_00410_41045_4149.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_124305_000000902085_00410_41045_4159.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_125318_000005922085_00410_41045_4160.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_131341_000004652085_00410_41045_4164.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_133515_000008642085_00411_41046_4167.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_134829_000001752085_00411_41046_4177.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_141217_000002832085_00411_41046_4179.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_GM1_1PNPDK20100105_141827_000001382085_00411_41046_4180.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_143350_000003922085_00411_41046_4181.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_144311_000001082085_00411_41046_4182.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_145525_000002172085_00411_41046_4185.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_150756_000009302085_00412_41047_4186.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_152844_000001442085_00412_41047_4199.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_153557_000007072085_00412_41047_4201.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_154951_000001382085_00412_41047_4203.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_161428_000006832085_00412_41047_4206.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_164833_000003562085_00413_41048_4205.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_165535_000005792085_00413_41048_4210.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_170912_000003562085_00413_41048_4218.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_171558_000004832085_00413_41048_4219.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_175504_000006952085_00413_41048_4223.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_183805_000004342085_00414_41049_4225.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_184403_000001502085_00414_41049_4238.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_185406_000000962085_00414_41049_4237.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_190013_000001322085_00414_41049_4239.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_193540_000006282085_00414_41049_4241.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_200454_000006952085_00414_41049_4242.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100105_202008_000001082085_00415_41050_4244.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20100105_165431_000000432085_00413_41048_3473.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20100105_021916_000001732085_00404_41039_3371.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_031332_000000372085_00404_41039_3373.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_032047_000000422085_00404_41039_3374.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_040126_000000972085_00405_41040_3378.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_051232_000000832085_00406_41041_3415.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_051718_000000502085_00406_41041_3414.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_072848_000001642085_00407_41042_3418.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_090443_000003232085_00408_41043_3436.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_104431_000001412085_00409_41044_3446.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_123457_000004762085_00410_41045_3465.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_141700_000000792085_00411_41046_3468.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_155529_000000502085_00412_41047_3472.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_172402_000003532085_00413_41048_3476.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_200205_000001592085_00414_41049_3484.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_233220_000000682085_00417_41052_3517.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100105_233852_000000532085_00417_41052_3578.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100105_082759_000000472085_00408_41043_4114.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100105_133231_000000362085_00411_41046_4172.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100105_135126_000003022085_00411_41046_4174.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100105_234823_000000922085_00417_41052_4261.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_100105/AUXILIARY/Check_ADFs_WSM.txt...

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_100105/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_100105/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_100105/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20050922_062651_00000152041_00034_18625_0041.N1

Test product: ASA_MS_0PNPDE20100104_050021_00000162085_00391_41026_0491.N1

H

H

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/TGH_20100104_050021-20050922_062651.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/TPH_20100104_050021-20050922_062651.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/RGH_20100104_050021-20050922_062651.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/RPH_20100104_050021-20050922_062651.png

Polarization: V

Reference product: ASA_MS_0PNPDK20050923_055514_00000152041_00048_18639_0042.N1

Test product: ASA_MS_0PNPDE20100105_042844_00000162085_00405_41040_0492.N1

V

V

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/TGV_20100105_042844-20050923_055514.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/TPV_20100105_042844-20050923_055514.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/RGV_20100105_042844-20050923_055514.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/SECOND_REFERENCE/RPV_20100105_042844-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20100102_060335_00000162085_00363_40998_0952.N1

Test product: ASA_MS_0PNPDE20100104_050021_00000162085_00391_41026_0491.N1

H

H

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20100104_050021-20100102_060335.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20100104_050021-20100102_060335.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20100104_050021-20100102_060335.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20100104_050021-20100102_060335.png

Polarization: V

Reference product: ASA_MS_0PNPDE20100103_053158_00000162085_00377_41012_0490.N1

Test product: ASA_MS_0PNPDE20100105_042844_00000162085_00405_41040_0492.N1

V

V

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20100105_042844-20100103_053158.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20100105_042844-20100103_053158.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20100105_042844-20100103_053158.png

../../RESULTS/DAILY/_100105/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20100105_042844-20100103_053158.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100105/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-05_1.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-05_2.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-05_3.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-01-05_4.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_100105//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 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-05_1.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-05_2.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-05_3.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-01-05 00:00:00 to 2010-01-05 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_100105/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-01-05_4.dat...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_100105//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100105/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...

Writing file ./RESULTS/DAILY/_100105/DOPPLER/Doppler_data_WVS_IS2_VV_2010-01-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100105/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...

Writing file ./RESULTS/DAILY/_100105/DOPPLER/Doppler_data_GM1_SS1_HH_2010-01-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100105/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...

Writing file ./RESULTS/DAILY/_100105/DOPPLER/Doppler_Jumps_data_WSM_2010-01-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100105/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_100105/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 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 = -28.942040 Hz

Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -29.742917 Hz
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -22.578271 Hz
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -25.154656 Hz
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_100105//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_100105/CHIRP...

CHIRP Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-01-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100105/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100105/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...
Writing file ./RESULTS/DAILY/_100105/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-01-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100105/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100105/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed
#####

```
#####  
Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_100105/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_100105/RAW_DATA...
```

```
*****  
Getting raw data for WVS from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...  
Writing file ./RESULTS/DAILY/_100105/RAW_DATA/Raw_data_WVS_2010-01-05.dat...  
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_WVS_input_mean.png...  
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_WVS_input_stdev.png...  
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****  
Getting raw data for IMM from 2010-01-05 00:00:00 to 2010-01-05 23:59:59...  
Writing file ./RESULTS/DAILY/_100105/RAW_DATA/Raw_data_IMM_2010-01-05.dat...  
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_IMM_input_mean.png...  
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_IMM_input_stdev.png...  
Creating image ../../RESULTS/DAILY/_100105/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

```
RAW DATA ANALYSIS completed
```

```
#####
```

TELEMETRY ANALYSIS

```
#####  
Analysis will be performed from 2010-01-05 00:00:00 to 2010-01-05 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_100105/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_100105/TELEMETRY...
```

```
Looking for gaps and missing lines in WVS products...  
*****  
Checking 27 products from PDE...  
Checking 29 products from PDK...
```

```
Looking for gaps and missing lines in GM1 products...  
*****  
Checking 28 products from PDE...  
Checking 45 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 16 products from PDE...  
Checking 4 products from PDK...
```

```
Looking for gaps and missing lines in WSM products...  
*****  
Checking 46 products from PDE...  
Found product...ASA_WSM_1PNPDE20100105_032610_000002262085_00405_41040_3375.N1 / 0 gaps / 34 missing lines  
Found product...ASA_WSM_1PNPDE20100105_183051_000000982085_00414_41049_3482.N1 / 0 gaps / 18 missing lines  
Checking 20 products from PDK...
```

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

```
*****
```

```
Creating image: ./RESULTS/DAILY/_100105/TELEMETRY/TELEMETRY_Missing_lines.png...  
Creating image: ./RESULTS/DAILY/_100105/TELEMETRY/TELEMETRY_Gaps.png...
```

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2010-01-05

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

Results will be exported to the directory: /nfs-store/ASAR_Data//ASA_GM_BP/JPG/20100105/

Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_001806_000001142085_00403_41038_3341.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_002149_000004342085_00403_41038_3343.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_005352_000003922085_00403_41038_3345.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_010907_000005982085_00403_41038_3348.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_013405_000004892085_00403_41038_3357.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_015442_000008342085_00404_41039_3360.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_021719_000001142085_00404_41039_3359.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_022220_00000782085_00404_41039_3362.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_024940_000005312085_00404_41039_3385.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_030825_000001812085_00404_41039_3383.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_031136_000001142085_00404_41039_3382.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_031418_000003922085_00404_41039_3381.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_032137_000001382085_00405_41040_3379.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_033003_000007072085_00405_41040_3377.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_034239_000011302085_00405_41040_3387.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_040312_000001812085_00405_41040_3390.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_043017_000004472085_00405_41040_3402.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_050653_000003442085_00406_41041_3401.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_051406_000001932085_00406_41041_3400.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_051821_000006282085_00406_41041_3399.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDE20100105_053731_000004712085_00406_41041_3405.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_061053_000005552085_00406_41041_4083.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_065852_000000962085_00407_41042_4085.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_070313_000000962085_00407_41042_4084.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_070830_000001442085_00407_41042_4086.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_070949_000000902085_00407_41042_4100.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_072154_000004162085_00407_41042_4101.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_073144_000005922085_00407_41042_4102.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_075127_000005192085_00407_41042_4105.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_084107_000007372085_00408_41043_4107.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_085213_000001442085_00408_41043_4122.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_085843_000001442085_00408_41043_4124.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_091017_000002052085_00408_41043_4125.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_093206_000005732085_00408_41043_4129.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_103447_000000662085_00409_41044_4142.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_104701_000002712085_00409_41044_4143.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_111243_000004772085_00409_41044_4145.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_120024_000001082085_00410_41045_4146.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_120401_000004222085_00410_41045_4149.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_124305_000000902085_00410_41045_4159.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_125318_000005922085_00410_41045_4160.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_131341_000004652085_00410_41045_4164.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_133515_000008642085_00411_41046_4167.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_134829_000001752085_00411_41046_4177.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_141217_000002832085_00411_41046_4179.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_141827_000001382085_00411_41046_4180.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_143350_000003922085_00411_41046_4181.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_144311_000001082085_00411_41046_4182.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_145525_000002172085_00411_41046_4185.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_150756_000009302085_00412_41047_4186.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_152844_000001442085_00412_41047_4199.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM_BP/ASA_GM_BPZPDK20100105_153557_000007072085_00412_41047_4201.N1 ...



```

Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_154951_000001382085_00412_41047_4203.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_161428_000006832085_00412_41047_4206.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_164833_000003562085_00413_41048_4205.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_165535_000005792085_00413_41048_4210.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_170912_000003562085_00413_41048_4218.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_171558_000004832085_00413_41048_4219.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_175504_000006952085_00413_41048_4223.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_183805_000004342085_00414_41049_4225.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_184403_000001502085_00414_41049_4238.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_185406_000000962085_00414_41049_4237.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_190013_000001322085_00414_41049_4239.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_193540_000006282085_00414_41049_4241.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_200454_000006952085_00414_41049_4242.N1 ...
Stripping browse product /nfs-store/ASAR_Data//ASA_GM__BP/ASA_GM__BPZPDK20100105_202008_000001082085_00415_41050_4244.N1 ...

```

ANALYSIS COMPLETED: 66 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/20100105/

```

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/20100105/

```

ANALYSIS COMPLETED: 0 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/20100105/

```

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

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation

#####

```

Building file ./RESULTS/DAILY/_100105/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_1PNPDE20100105_165431_000000432085_00413_41048_3473.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_1PNPDE20100105_001806_000001142085_00403_41038_3341.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_002149_000004342085_00403_41038_3343.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_005352_000003922085_00403_41038_3345.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_010907_000005982085_00403_41038_3348.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_013405_000004892085_00403_41038_3357.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_015442_000008342085_00404_41039_3360.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_021719_000001142085_00404_41039_3359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_022220_000000782085_00404_41039_3362.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_024940_000005312085_00404_41039_3385.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_030825_000001812085_00404_41039_3383.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_031136_000001142085_00404_41039_3382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_031418_000003922085_00404_41039_3381.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_032137_000001382085_00405_41040_3379.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_033003_000007072085_00405_41040_3377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_034239_000011302085_00405_41040_3387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_040312_000001812085_00405_41040_3390.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_043017_000004472085_00405_41040_3402.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_050653_000003442085_00406_41041_3401.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_051406_000001932085_00406_41041_3400.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_051821_000006282085_00406_41041_3399.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_053731_000004712085_00406_41041_3405.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_202521_000001992085_00415_41050_3485.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_203335_000001572085_00415_41050_3487.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_211616_000006162085_00415_41050_3490.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_214849_000005132085_00416_41051_3504.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_220701_000001632085_00416_41051_3505.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_225655_000006042085_00416_41051_3508.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100105_235003_000005012085_00417_41052_3524.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_061053_000005552085_00406_41041_4083.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_065852_000000962085_00407_41042_4085.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_070313_000000962085_00407_41042_4084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_070830_000001442085_00407_41042_4086.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_070949_000000902085_00407_41042_4100.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_072154_000004162085_00407_41042_4101.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_073144_000005922085_00407_41042_4102.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_075127_000005192085_00407_41042_4105.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_084107_000007372085_00408_41043_4107.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_085213_000001442085_00408_41043_4122.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_085843_000001442085_00408_41043_4124.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_091017_000002052085_00408_41043_4125.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_093206_000005732085_00408_41043_4129.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_103447_000000662085_00409_41044_4142.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_104701_000002712085_00409_41044_4143.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_111243_000004772085_00409_41044_4145.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_120024_000001082085_00410_41045_4146.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_120401_000004222085_00410_41045_4149.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_124305_000000902085_00410_41045_4159.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_125318_000005922085_00410_41045_4160.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_131341_000004652085_00410_41045_4164.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_133515_000008642085_00411_41046_4167.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_134829_000001752085_00411_41046_4177.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_141217_000002832085_00411_41046_4179.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_141827_000001382085_00411_41046_4180.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_143350_000003922085_00411_41046_4181.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_144311_000001082085_00411_41046_4182.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_145525_000002172085_00411_41046_4185.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_150756_000009302085_00412_41047_4186.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_152844_000001442085_00412_41047_4199.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_153557_000007072085_00412_41047_4201.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_154951_000001382085_00412_41047_4203.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_161428_000006832085_00412_41047_4206.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_164833_000003562085_00413_41048_4205.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_165535_000005792085_00413_41048_4210.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_170912_000003562085_00413_41048_4218.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20100105_171558_000004832085_00413_41048_4219.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_175504_000006952085_00413_41048_4223.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_183805_000004342085_00414_41049_4225.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_184403_000001502085_00414_41049_4238.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_185406_000000962085_00414_41049_4237.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_190013_000001322085_00414_41049_4239.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_193540_000006282085_00414_41049_4241.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_200454_000006952085_00414_41049_4242.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100105_202008_000001082085_00415_41050_4244.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_1PNPDE20100105_021916_000001732085_00404_41039_3371.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_031332_000000372085_00404_41039_3373.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_032047_000000422085_00404_41039_3374.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_040126_000000972085_00405_41040_3378.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_051232_000000832085_00406_41041_3415.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_051718_000000502085_00406_41041_3414.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_072848_000001642085_00407_41042_3418.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_090443_000003232085_00408_41043_3436.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_104431_000001412085_00409_41044_3446.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_123457_000004762085_00410_41045_3465.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_141700_000000792085_00411_41046_3468.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_155529_000000502085_00412_41047_3472.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_172402_000003532085_00413_41048_3476.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_200205_000001592085_00414_41049_3484.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_233220_000000682085_00417_41052_3517.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100105_233852_000000532085_00417_41052_3578.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100105_082759_000000472085_00408_41043_4114.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100105_133231_000000362085_00411_41046_4172.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100105_135126_000003022085_00411_41046_4174.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100105_234823_000000922085_00417_41052_4261.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_1PNPDE20100105_001607_000001102085_00403_41038_3339.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_002007_000000982085_00403_41038_3340.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_002907_000003922085_00403_41038_3354.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_011913_000002752085_00403_41038_3355.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_020843_000005082085_00404_41039_3370.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_023119_000002392085_00404_41039_3369.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_025841_000002942085_00404_41039_3372.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_032610_000002262085_00405_41040_3375.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_043748_000002202085_00405_41040_3412.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_044148_000000672085_00405_41040_3413.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_052853_000005142085_00406_41041_3396.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_071131_000005082085_00407_41042_3416.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_072011_000000982085_00407_41042_3417.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_074142_000002082085_00407_41042_3419.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_085706_000000922085_00408_41043_3430.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_090116_000000862085_00408_41043_3431.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_094149_000002082085_00408_41043_3447.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_101937_000003922085_00409_41044_3448.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_102653_000000982085_00409_41044_3444.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_103943_000000922085_00409_41044_3445.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_112044_000002942085_00409_41044_3461.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_120219_000000982085_00410_41045_3462.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_135725_000001282085_00411_41046_3467.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_144029_000001592085_00411_41046_3469.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_144511_000001282085_00411_41046_3470.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_153408_000001042085_00412_41047_3471.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_162554_000001532085_00412_41047_3466.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_180644_000001162085_00413_41048_3474.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_182217_000000922085_00413_41048_3477.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_183051_000000982085_00414_41049_3482.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_183159_000002022085_00414_41049_3478.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_183623_000000982085_00414_41049_3479.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_185220_000000982085_00414_41049_3480.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_185552_000002572085_00414_41049_3483.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_194618_000001712085_00414_41049_3481.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_203148_000001042085_00415_41050_3497.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_203620_000002692085_00415_41050_3498.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_210825_000000672085_00415_41050_3499.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_212638_000002572085_00415_41050_3496.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_214015_000002082085_00415_41050_3500.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_220046_000000922085_00416_41051_3577.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_221112_000001842085_00416_41051_3515.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_221512_000003672085_00416_41051_3516.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_230706_000002812085_00416_41051_3514.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_234455_000001472085_00417_41052_3518.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100105_235831_000002692085_00417_41052_3533.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_052938_000002452085_00406_41041_4079.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_062018_000001772085_00406_41041_4088.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_070041_000001472085_00407_41042_4094.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_070459_000002082085_00407_41042_4095.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_080015_000002632085_00407_41042_4109.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_085444_000002392085_00408_41043_4115.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_102801_000001222085_00409_41044_4128.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_103039_000002452085_00409_41044_4135.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20100105_152331_000003062085_00412_41047_4193.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100105_153117_000002202085_00412_41047_4194.N1					OK	OK	OK	OK
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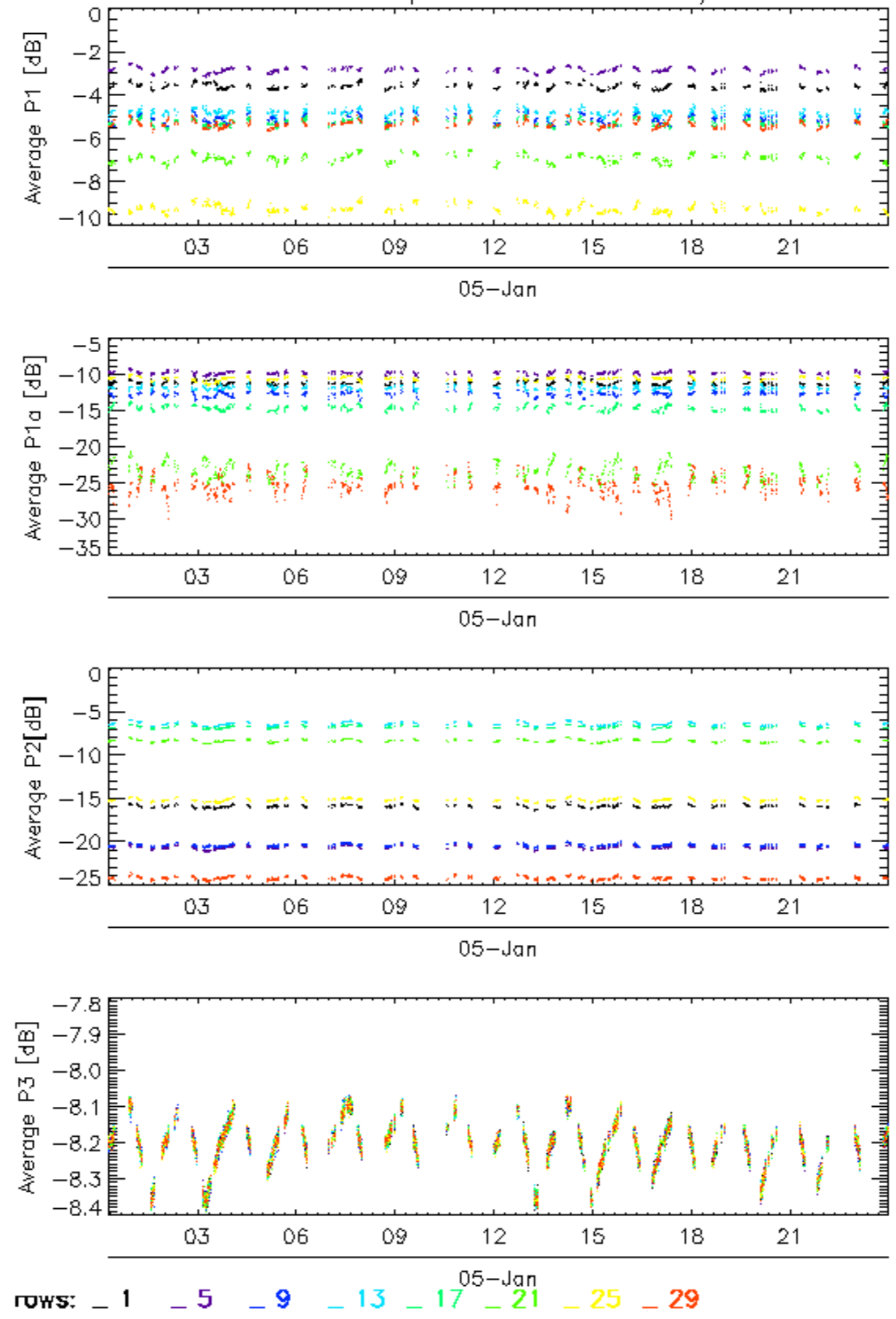
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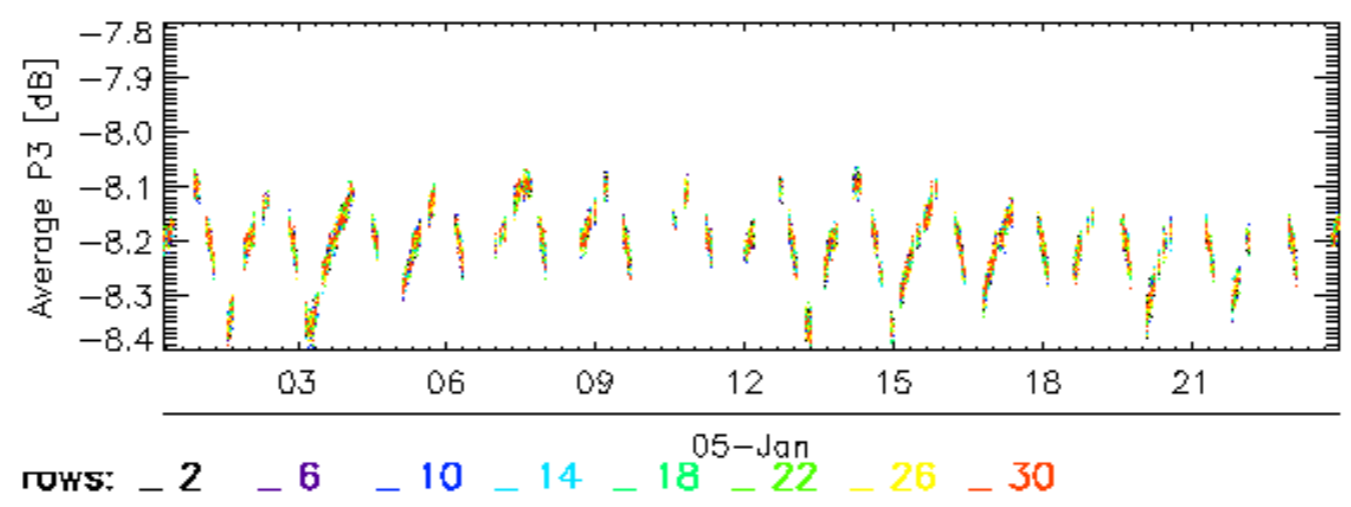
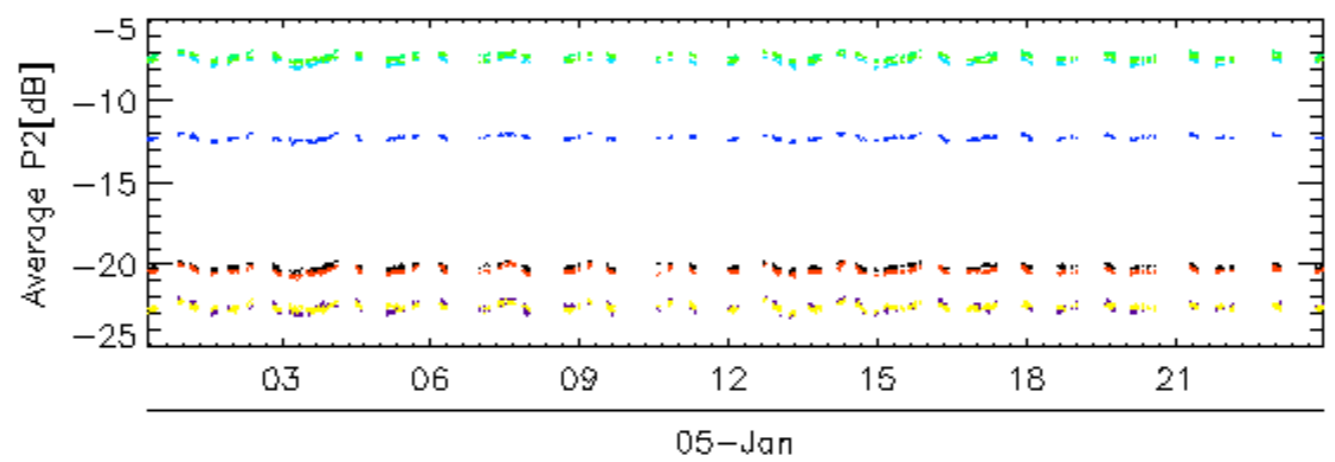
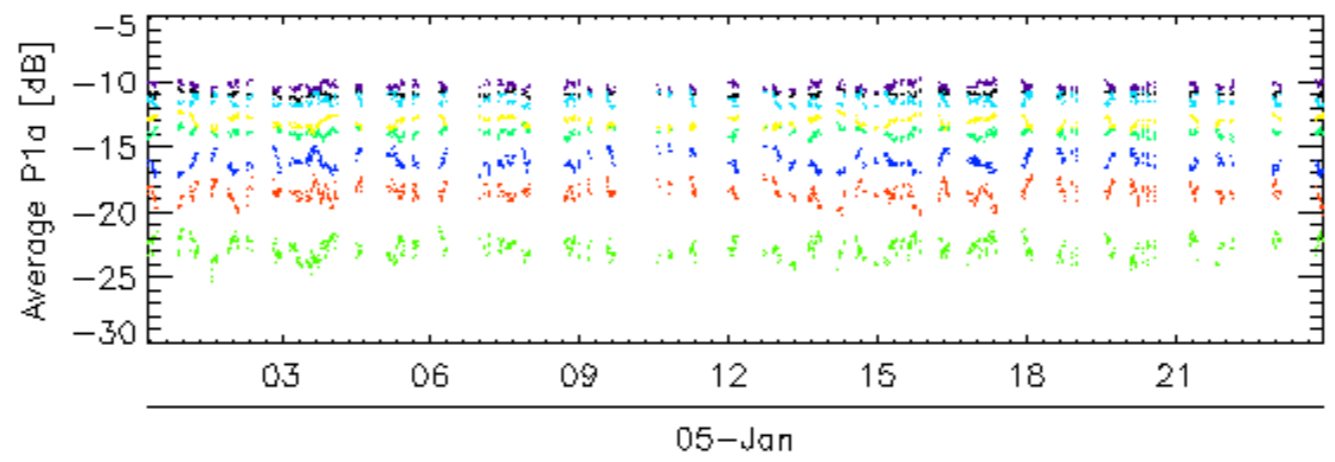
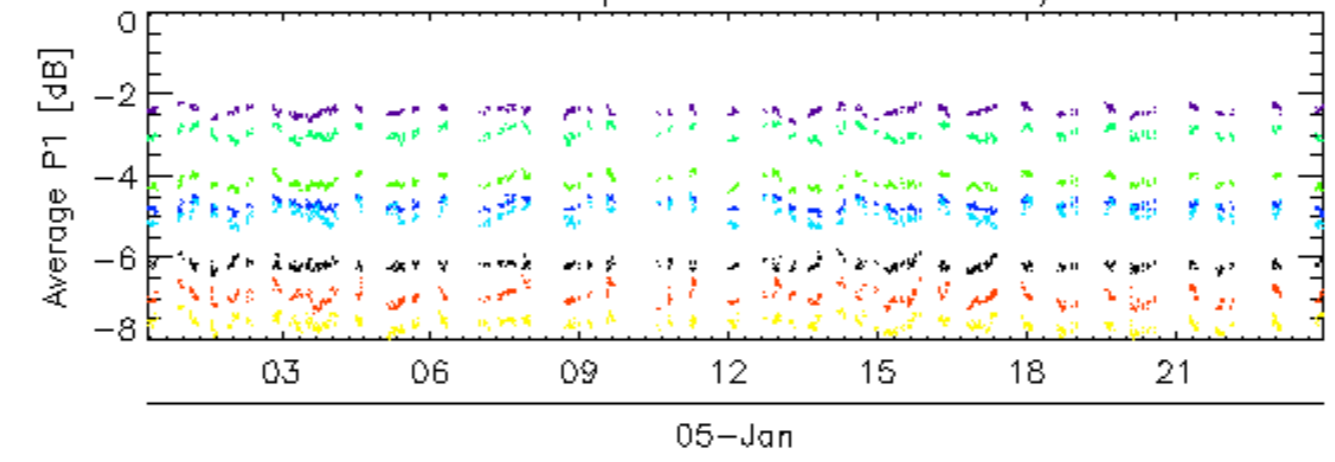
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20100105_012746_000002402085_00403_41038_3356.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_014218_000007042085_00404_41039_3358.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_022642_000002242085_00404_41039_3361.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_023519_000005992085_00404_41039_3363.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_024504_000002402085_00404_41039_3384.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_030330_000002552085_00404_41039_3380.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_032408_000000742085_00405_41040_3376.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_040617_000009742085_00405_41040_3389.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_042217_00000902085_00405_41040_3404.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_042659_00000602085_00405_41040_3403.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_044309_000013792085_00405_41040_3398.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_054524_000010342085_00406_41041_3397.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100105_210935_000003602085_00415_41050_3488.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100105_220306_00000902085_00416_41051_3503.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_222123_000020842085_00416_41051_3506.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_231143_000003602085_00416_41051_3507.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100105_233333_000002842085_00417_41052_3525.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100105_233950_000002552085_00417_41052_3523.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100105_074509_000003302085_00407_41042_4103.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100105_091347_000010492085_00408_41043_4126.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_094518_000020092085_00408_41043_4127.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_105136_000012142085_00409_41044_4144.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100105_133314_000000742085_00411_41046_4163.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100105_144724_000004352085_00411_41046_4184.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_145905_000004792085_00411_41046_4187.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_154746_00000892085_00412_41047_4200.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_155213_000001642085_00412_41047_4202.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_155627_000010342085_00412_41047_4204.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100105_173002_000014542085_00413_41048_4222.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_180838_00000602085_00413_41048_4221.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100105_181325_000004942085_00413_41048_4220.N1					OK	OK	OK	OK
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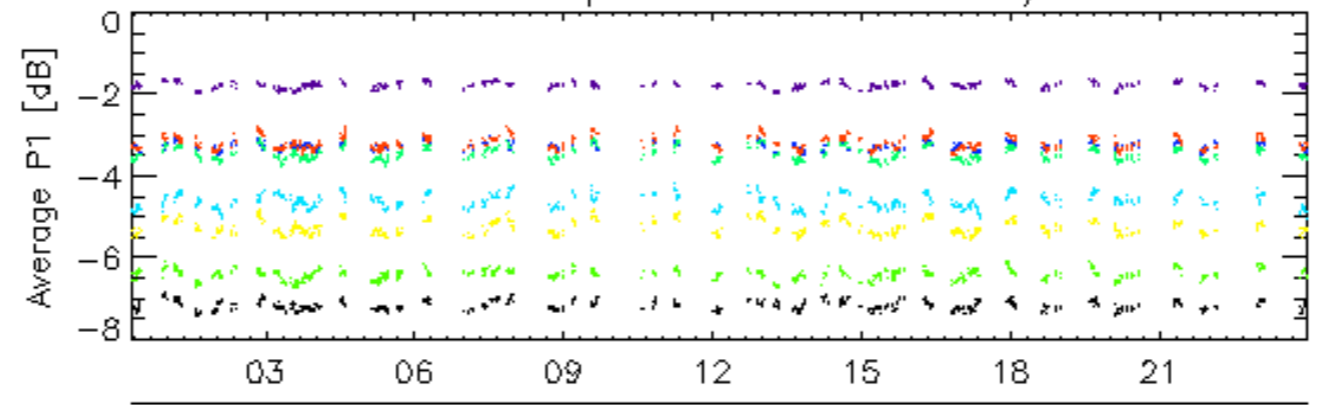
Calibration pulses for GM1 SS3 H/H



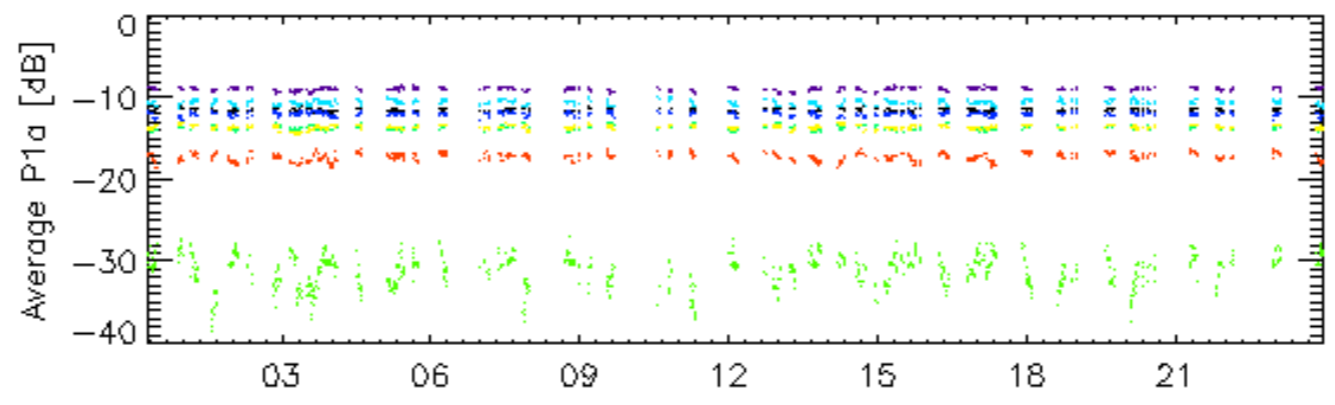
Calibration pulses for GM1 SS3 H/H



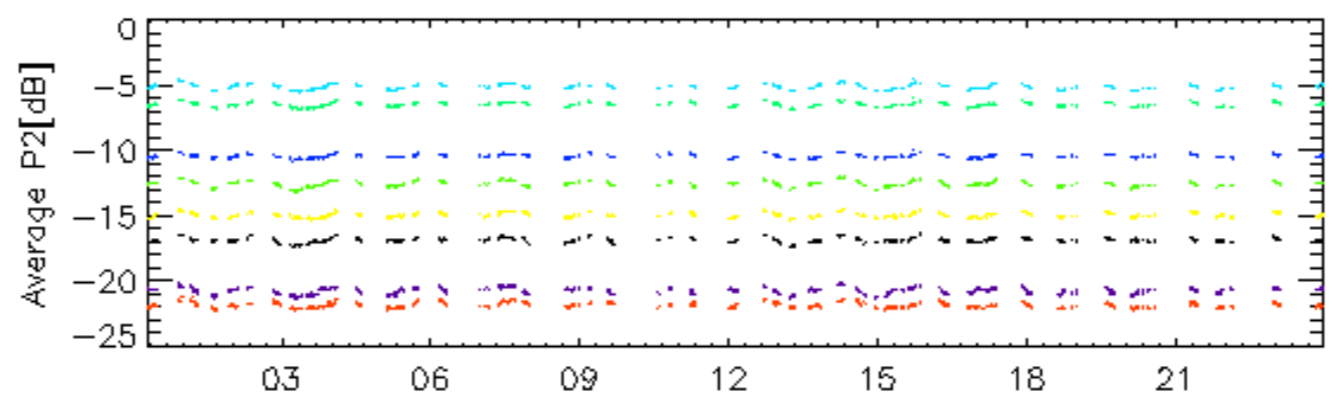
Calibration pulses for GM1 SS3 H/H



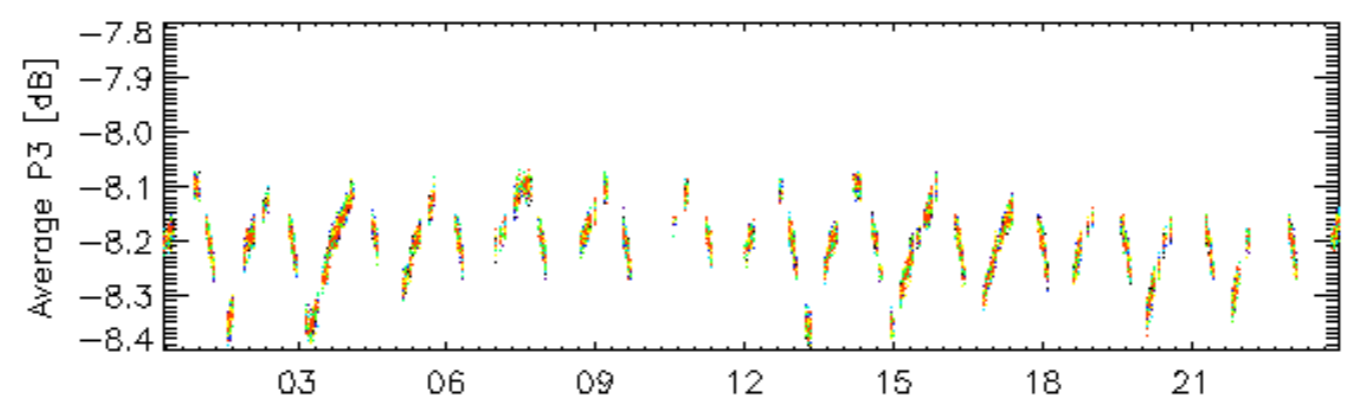
05-Jan



05-Jan



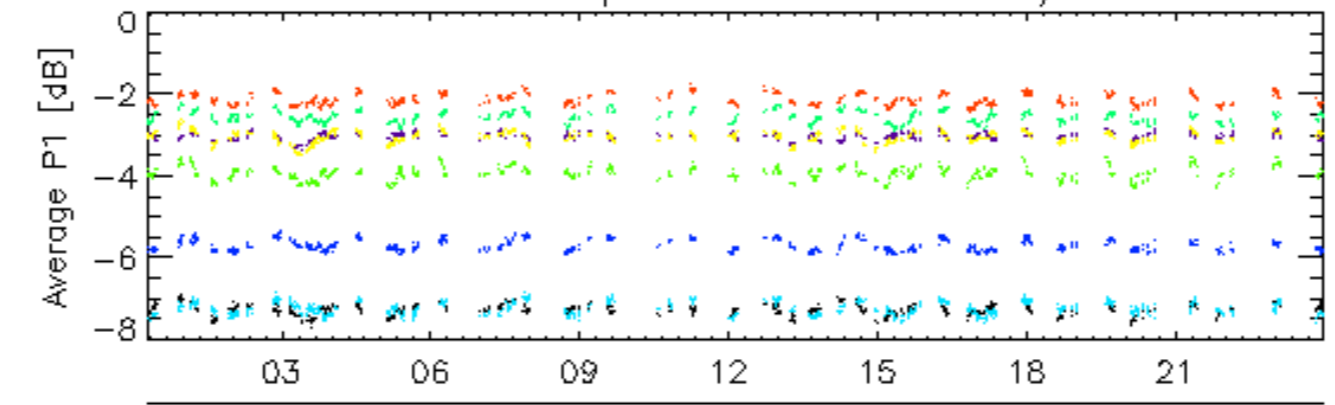
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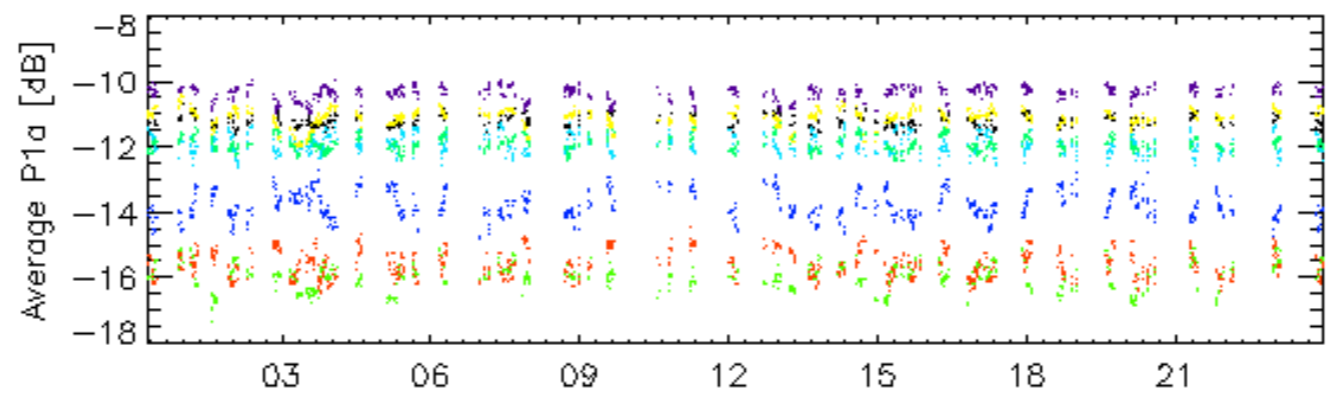
05-Jan

rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

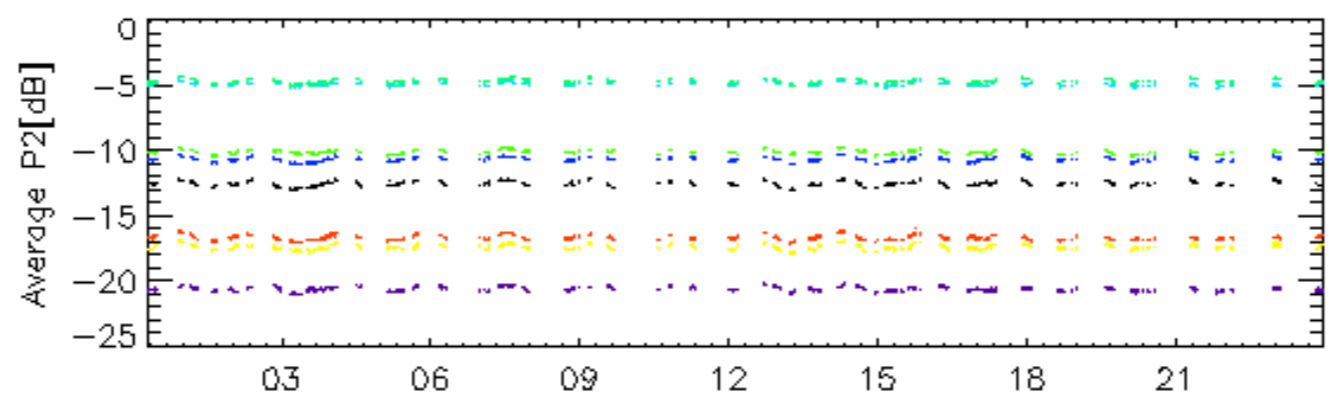
Calibration pulses for GM1 SS3 H/H



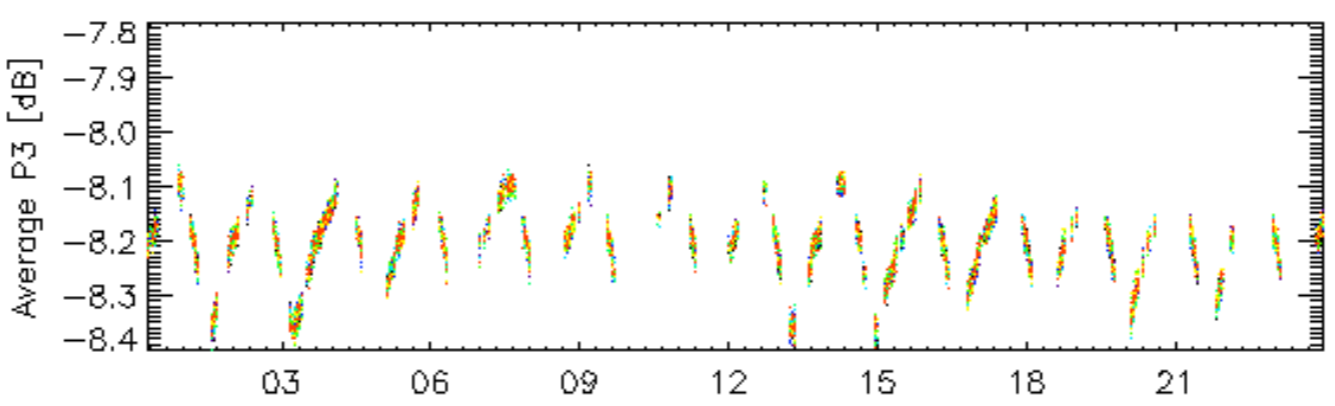
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05-Jan



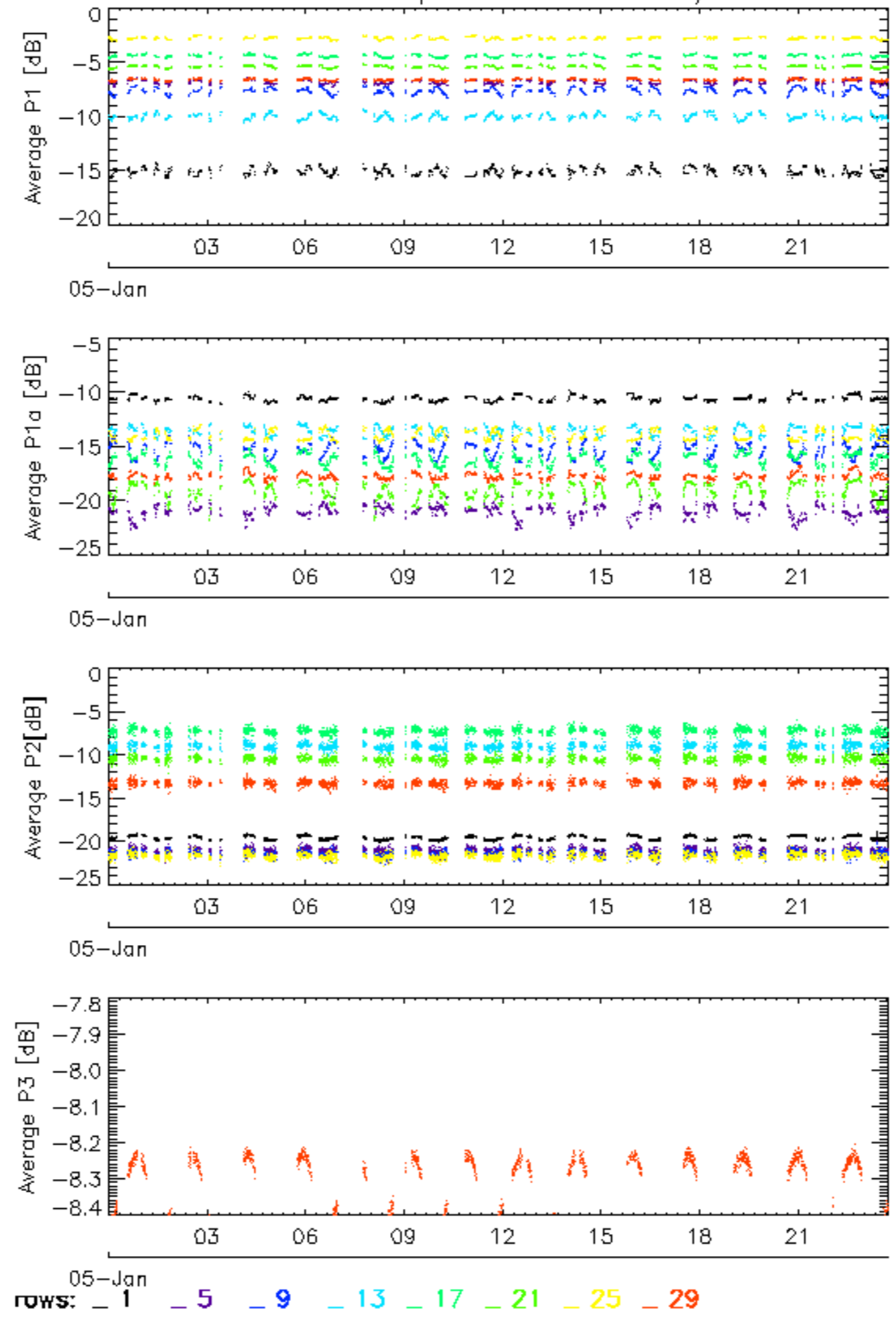
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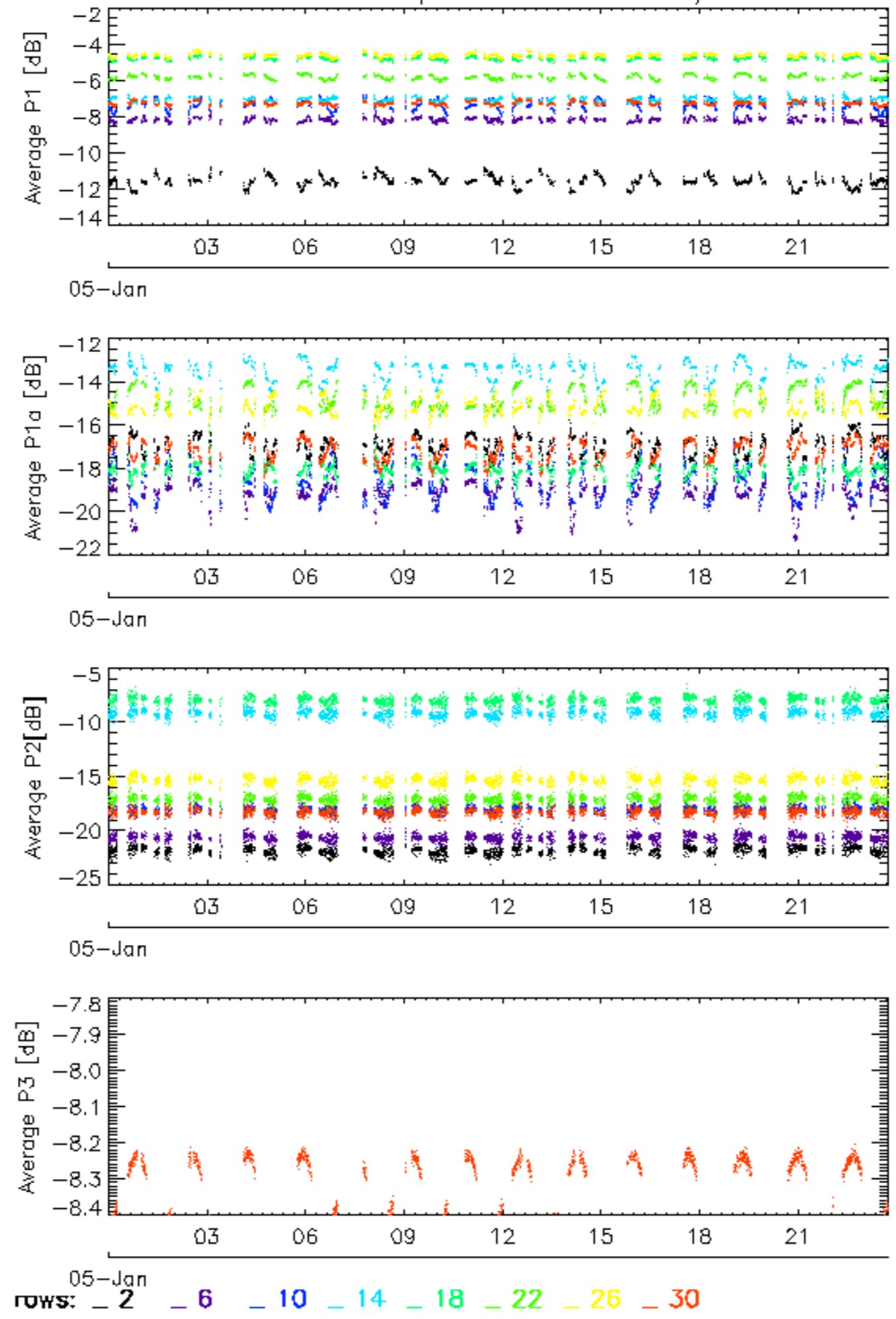
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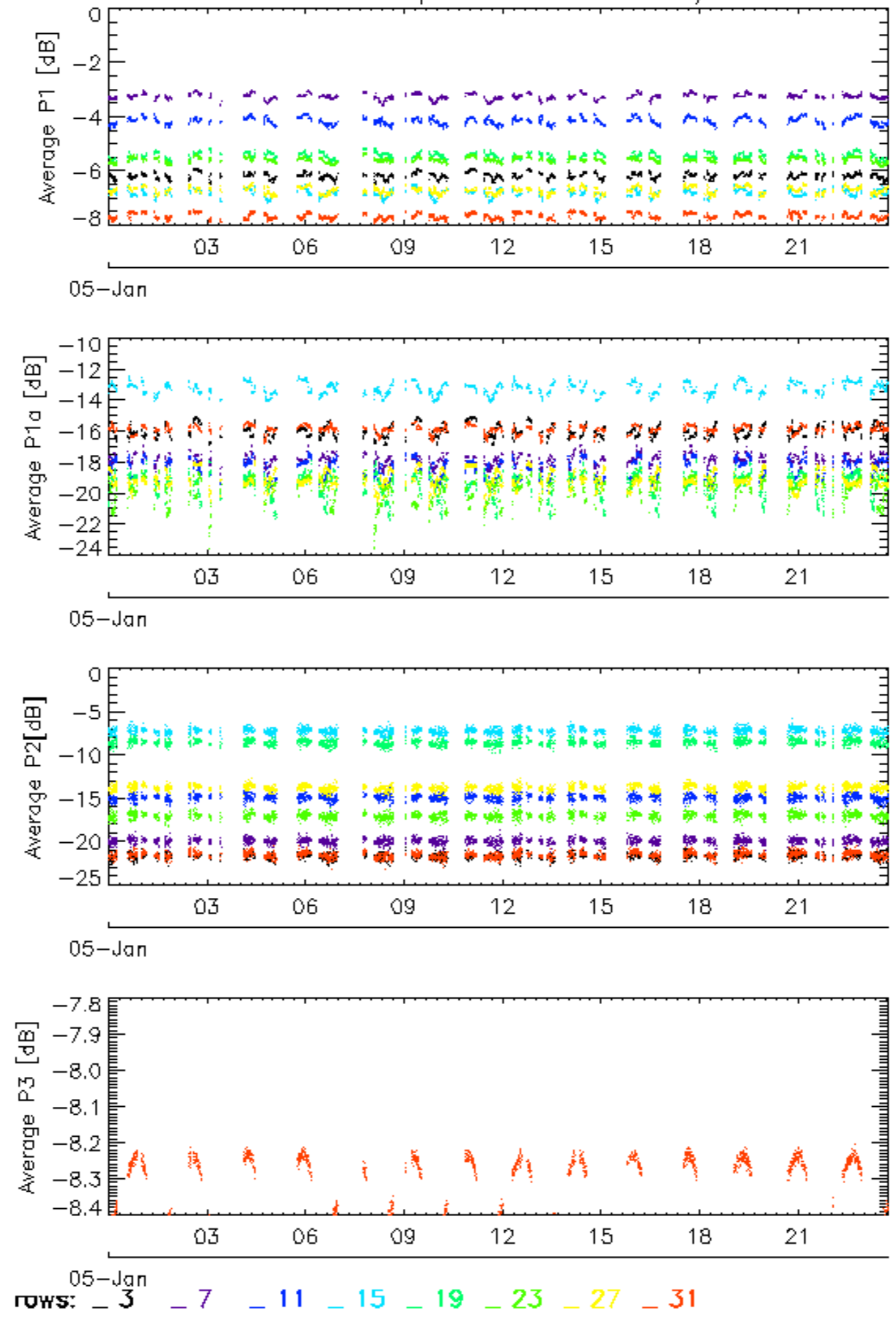
Calibration pulses for WVS IS2 V/V



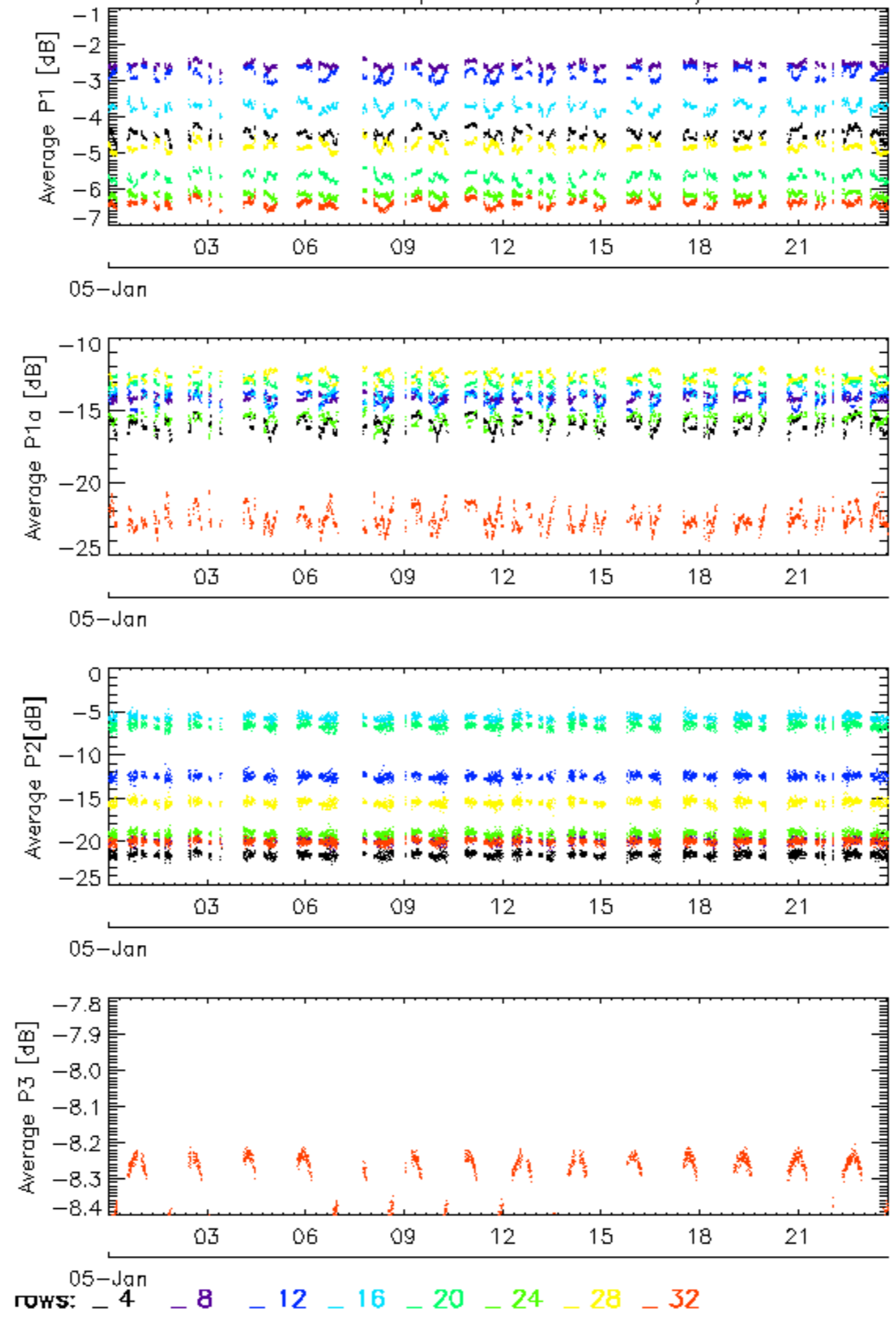
Calibration pulses for WVS IS2 V/V

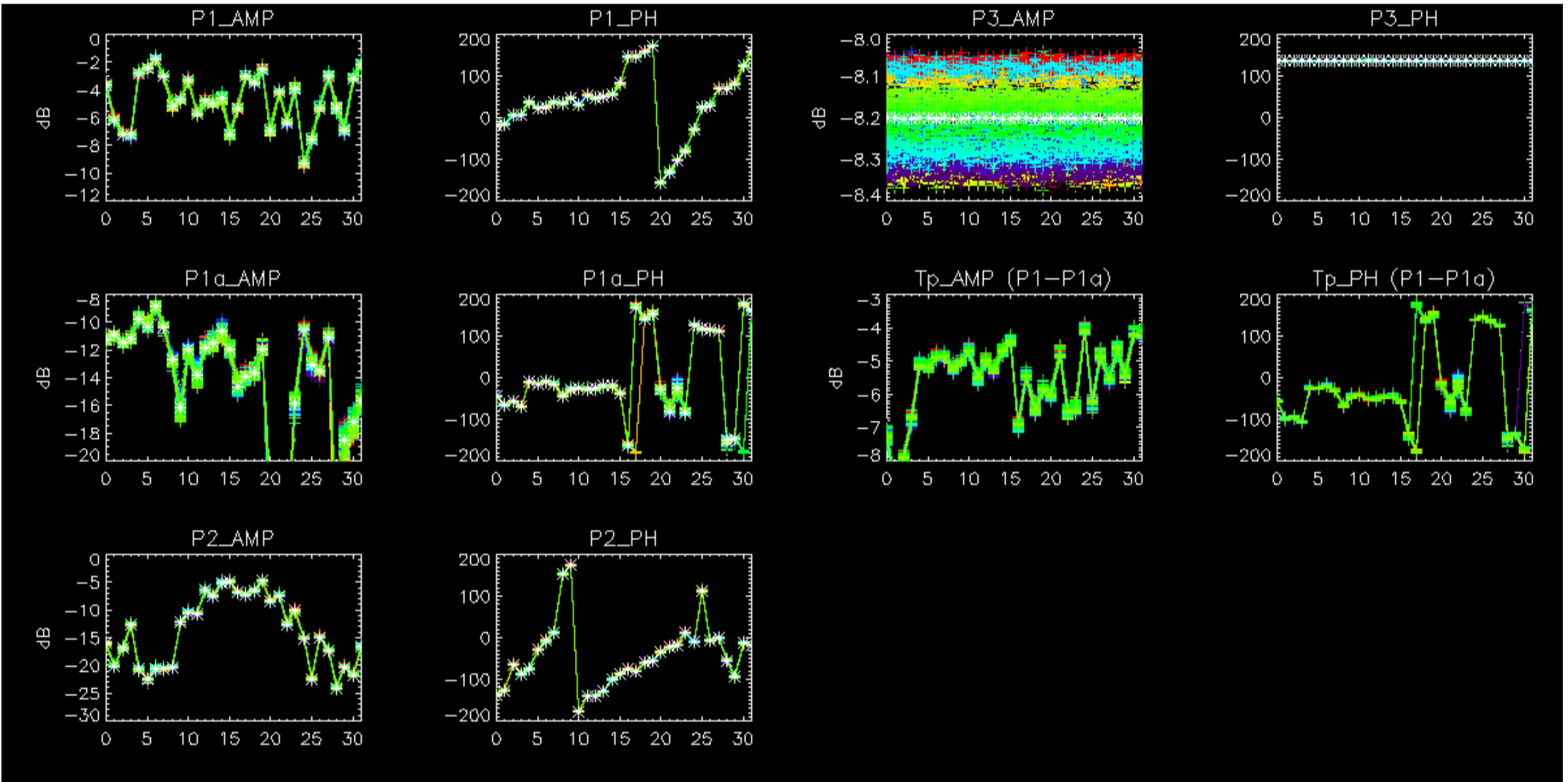


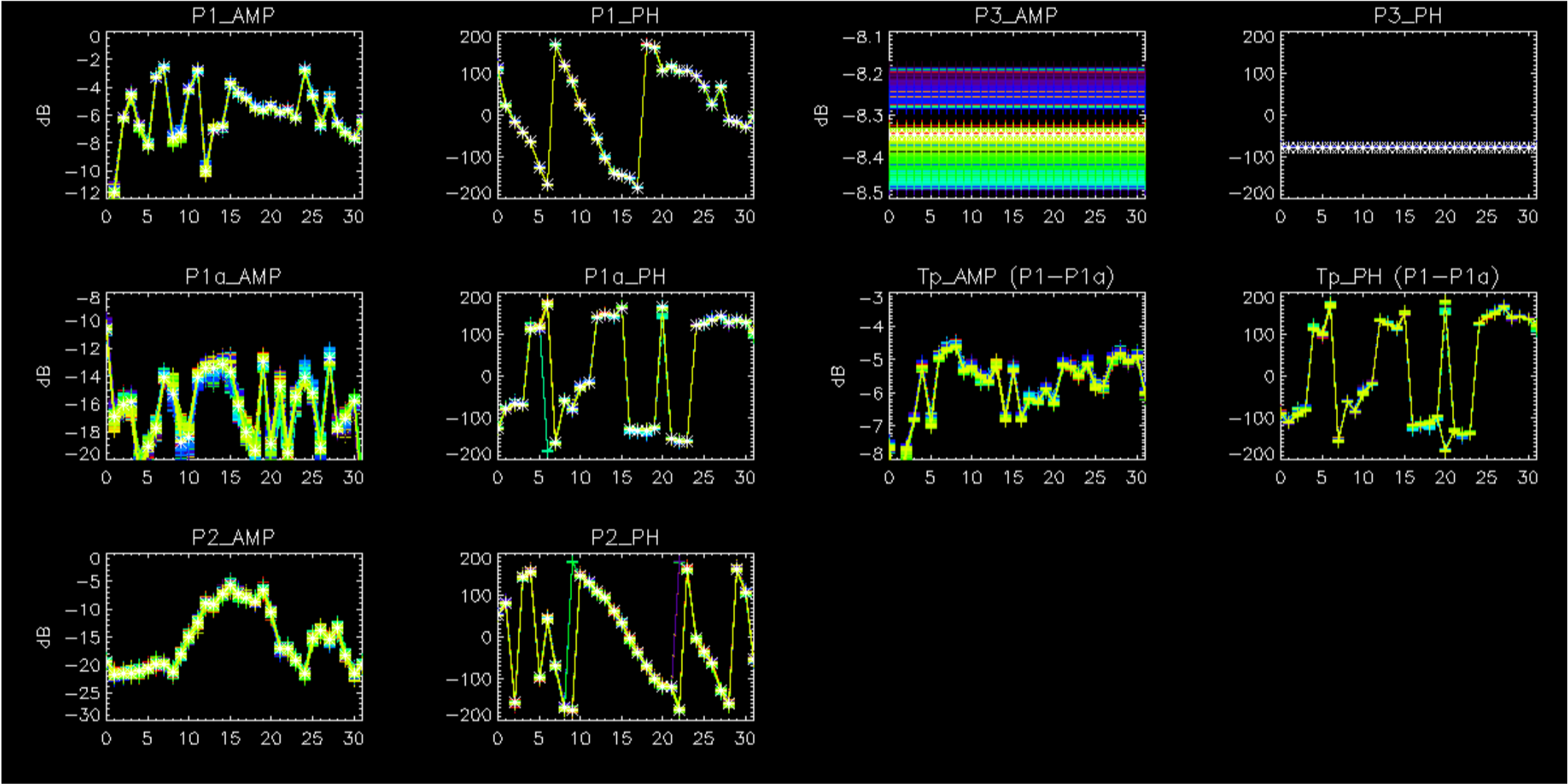
Calibration pulses for WVS IS2 V/V

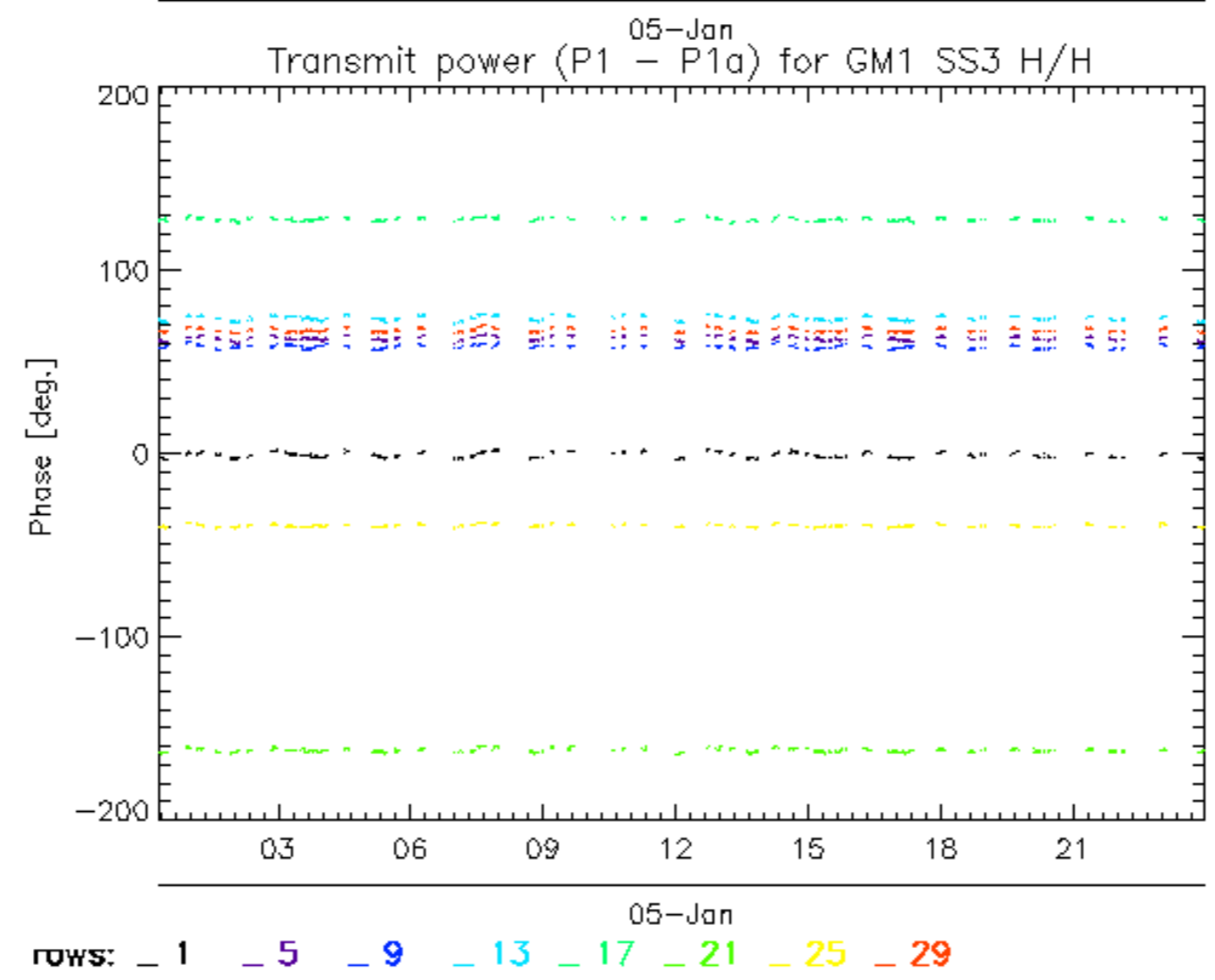
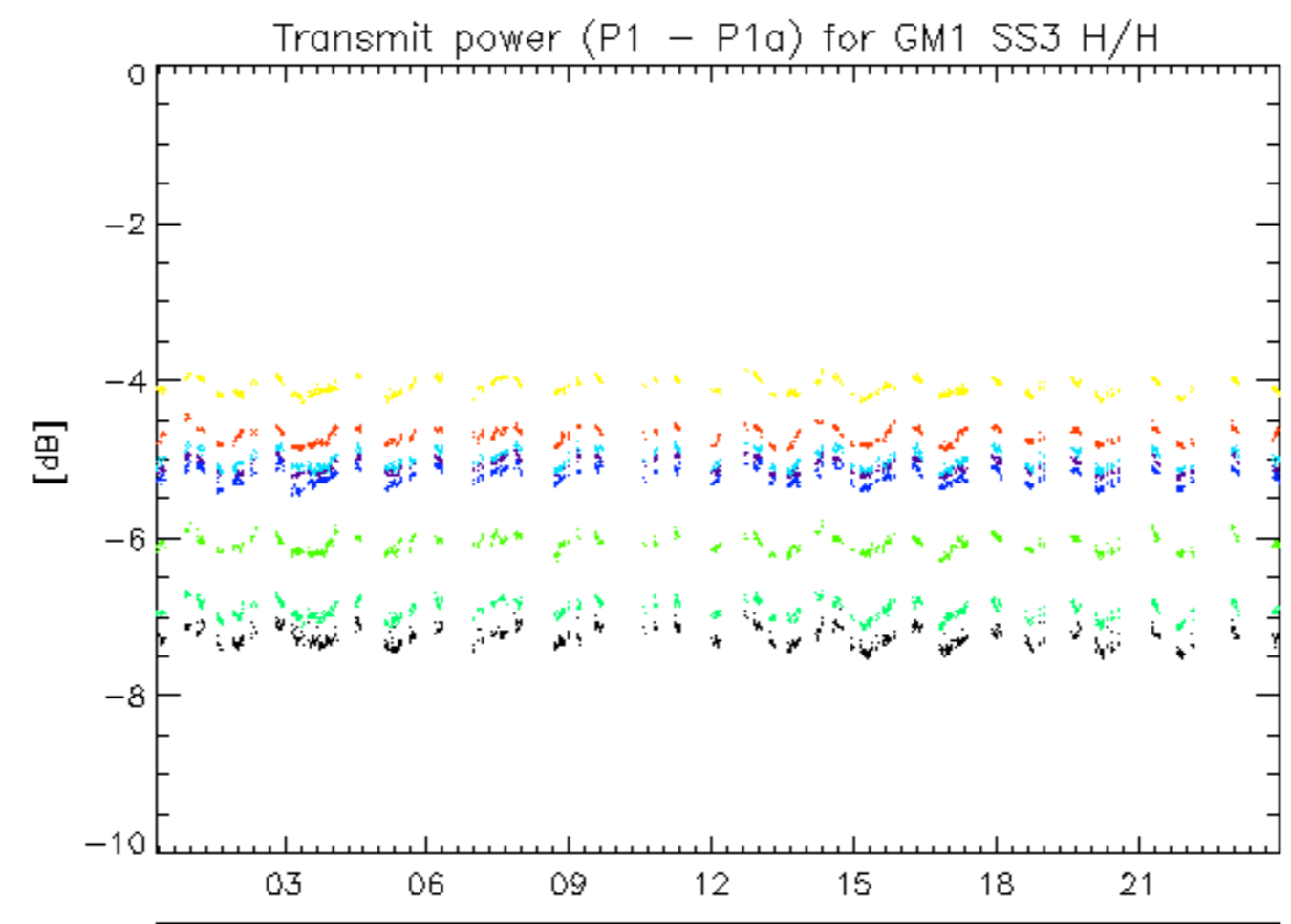


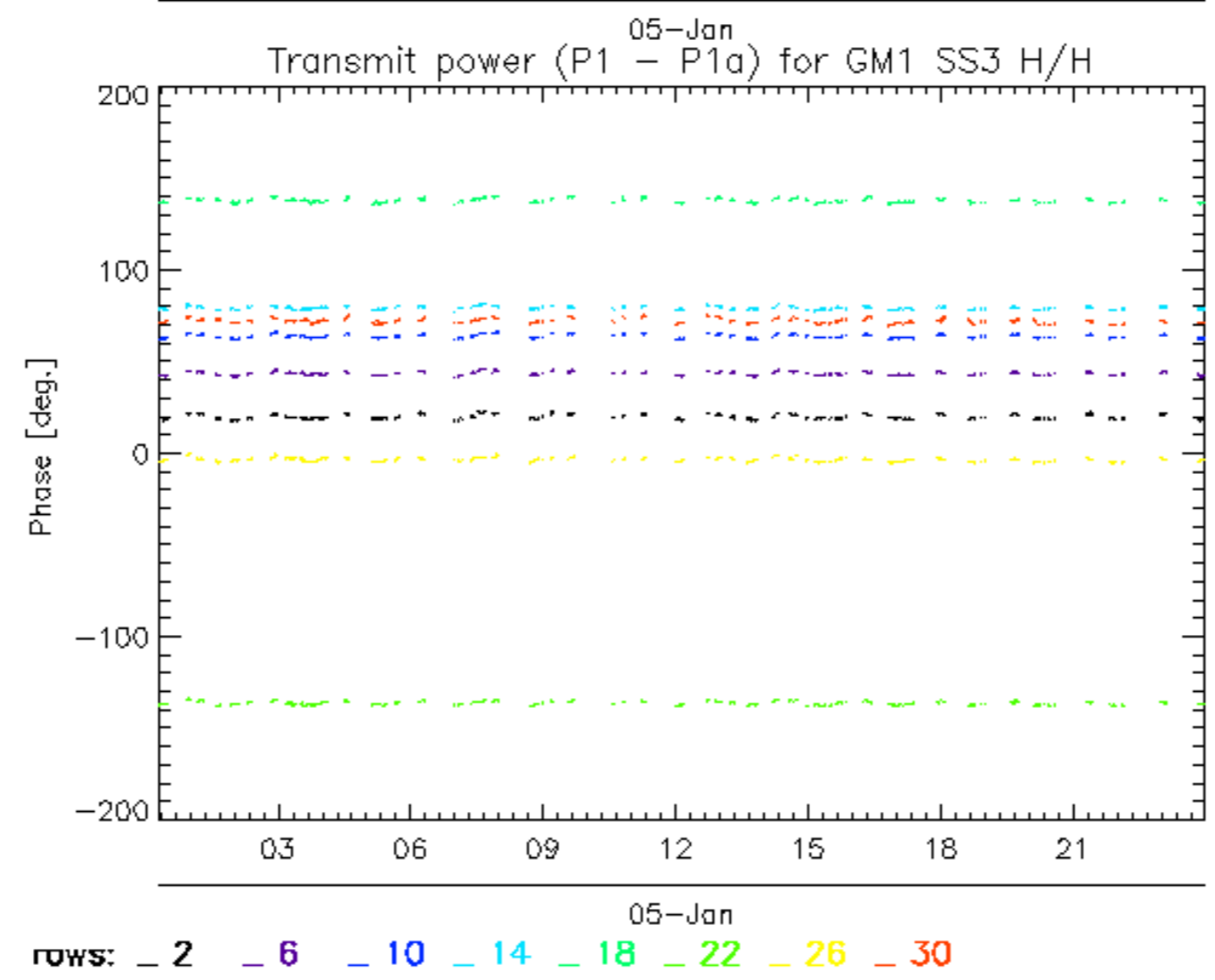
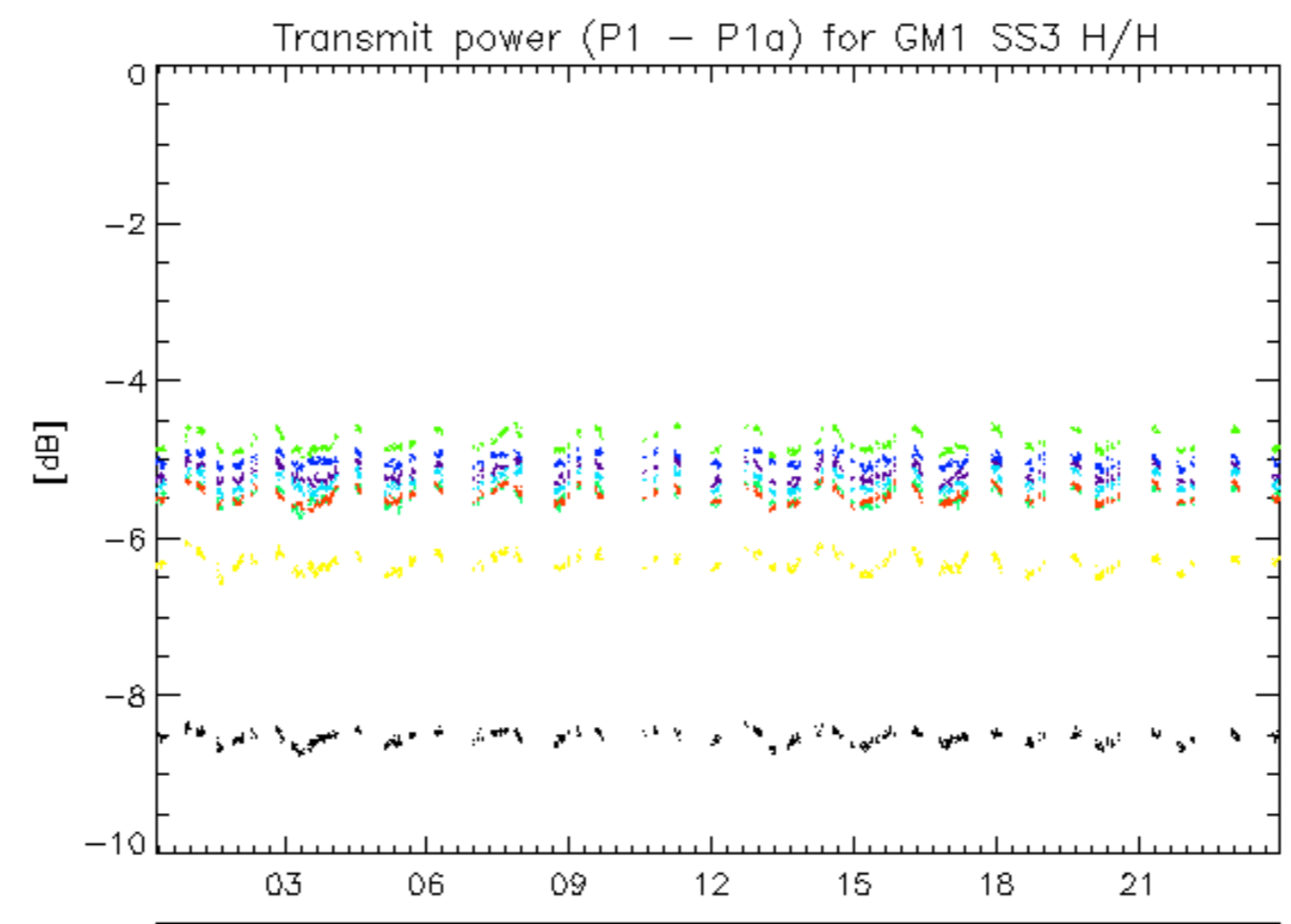
Calibration pulses for WVS IS2 V/V

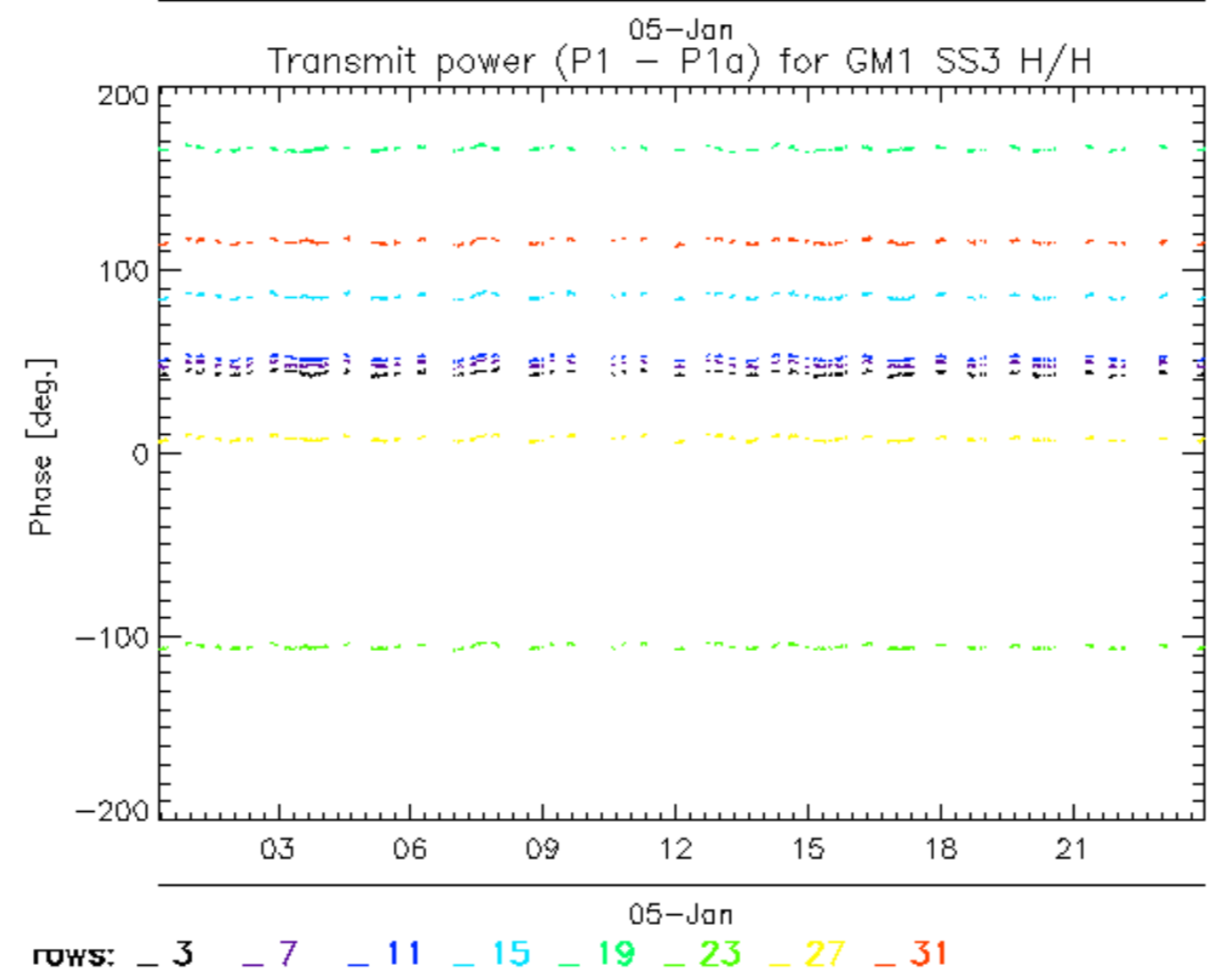
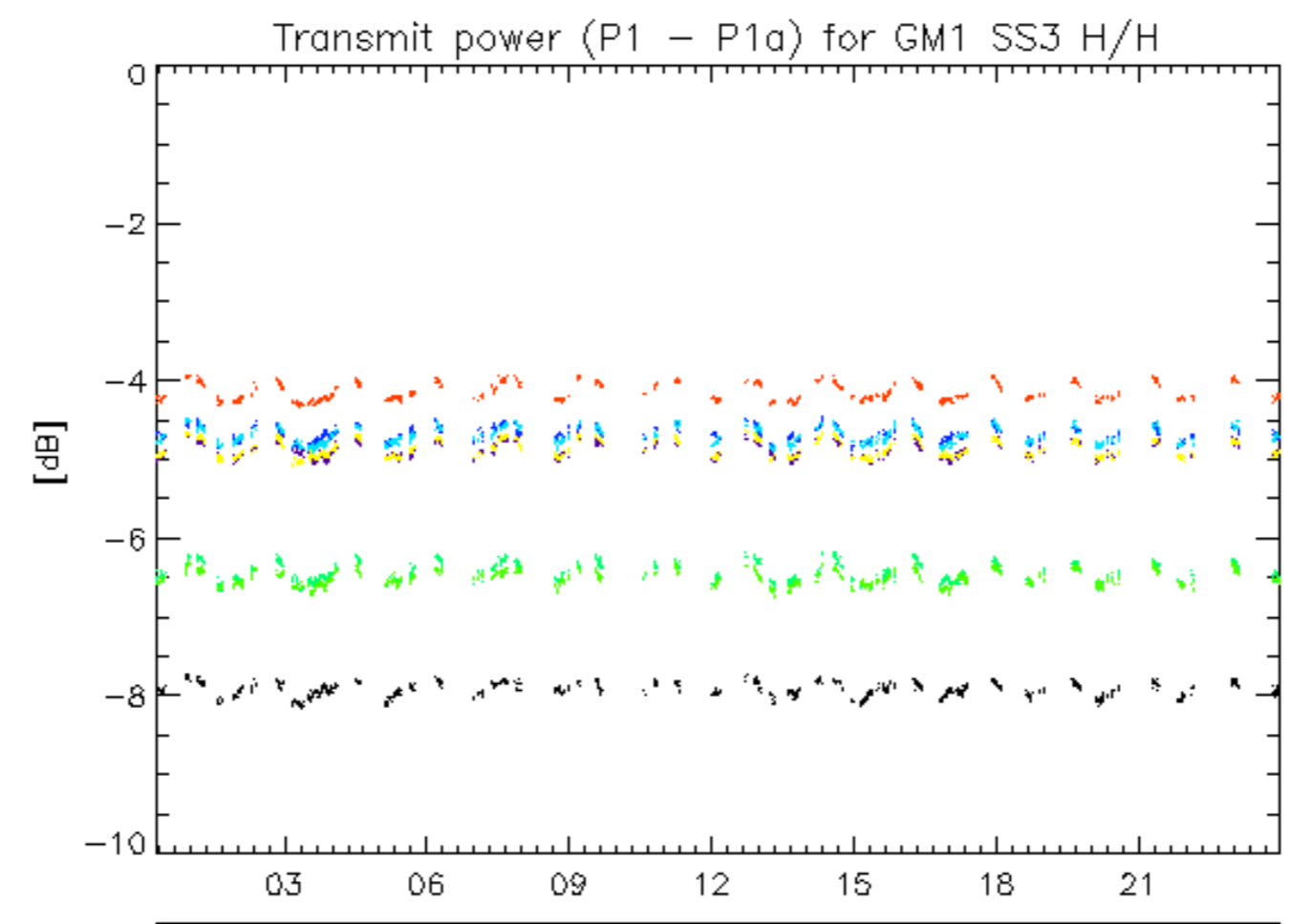


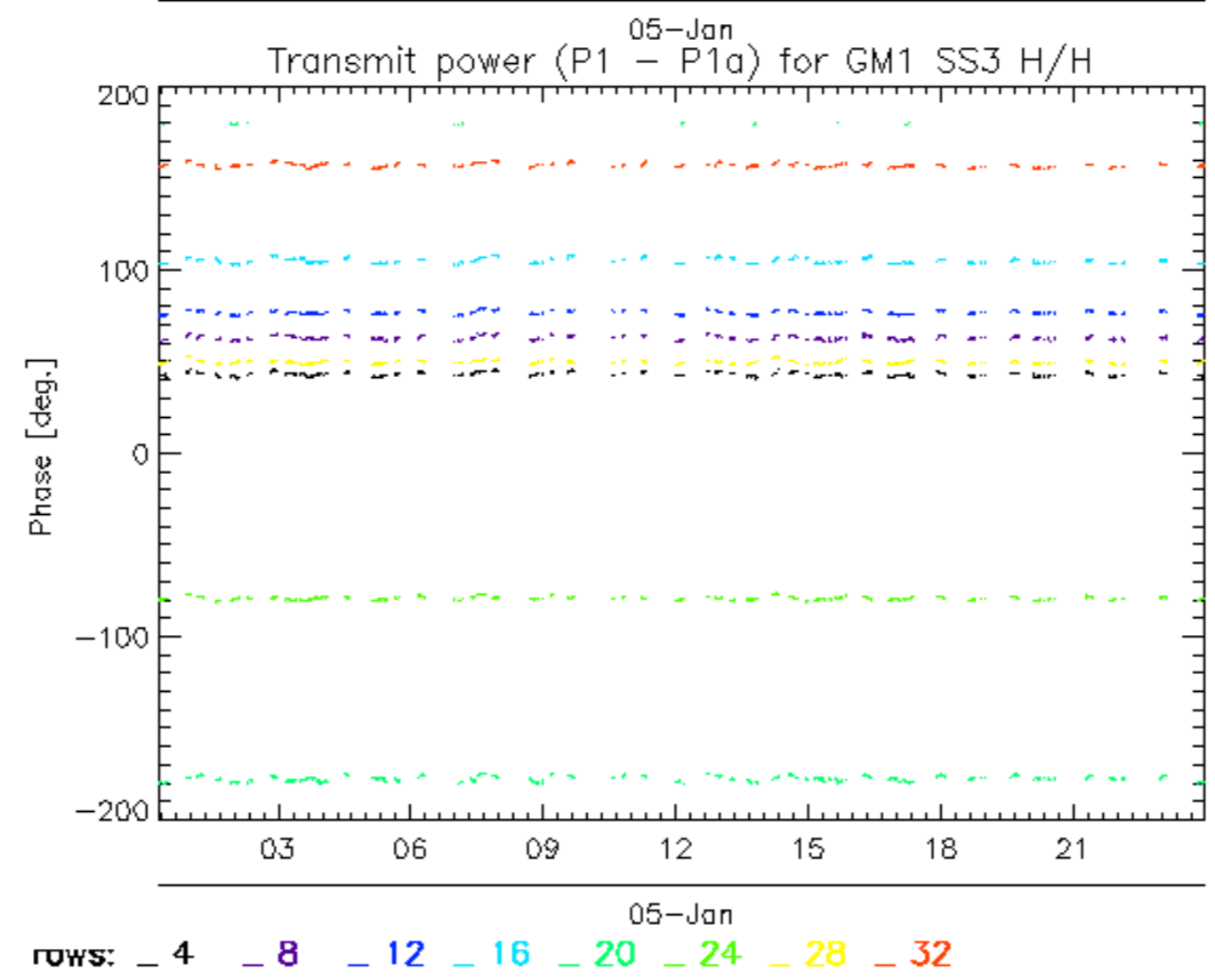
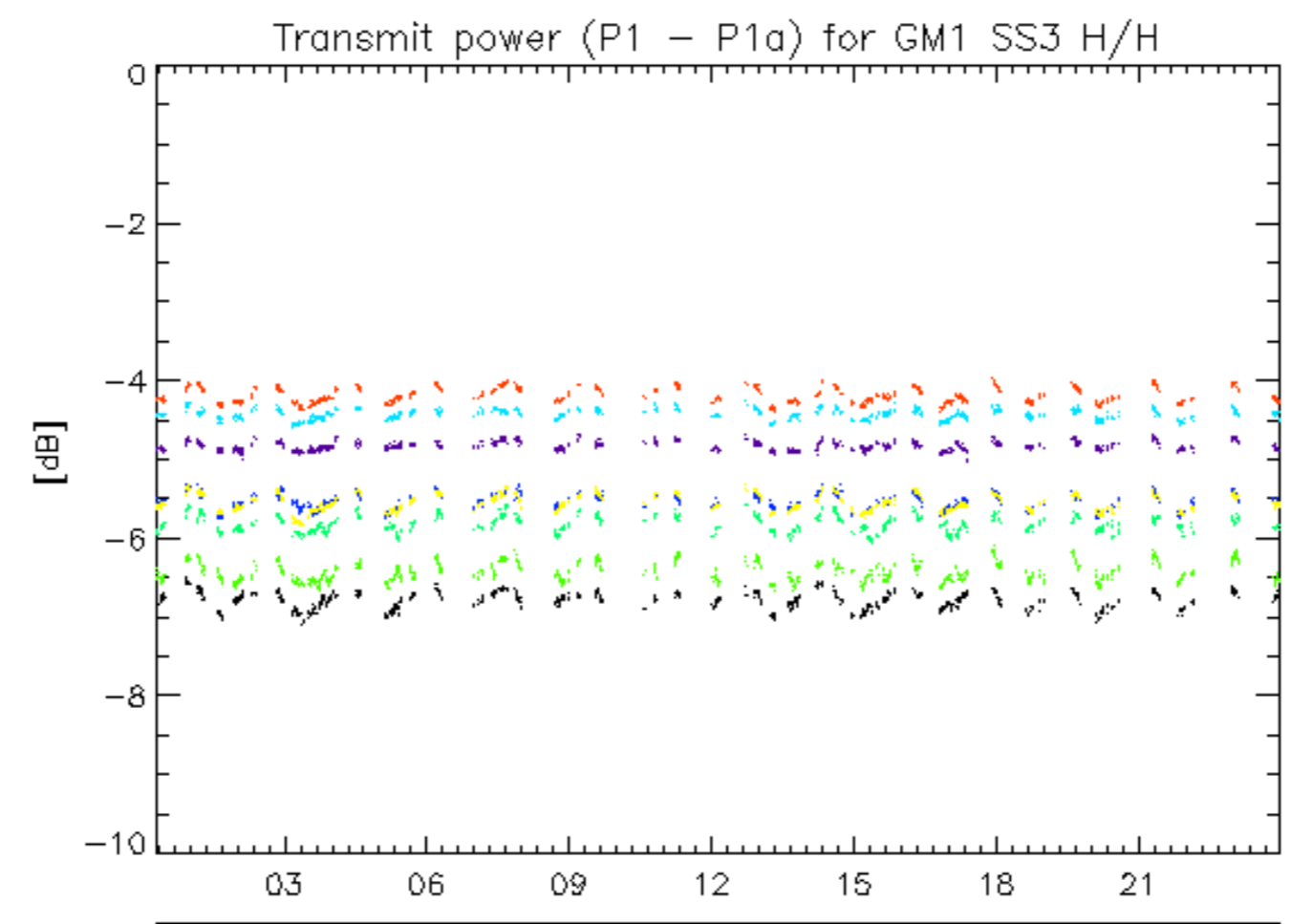


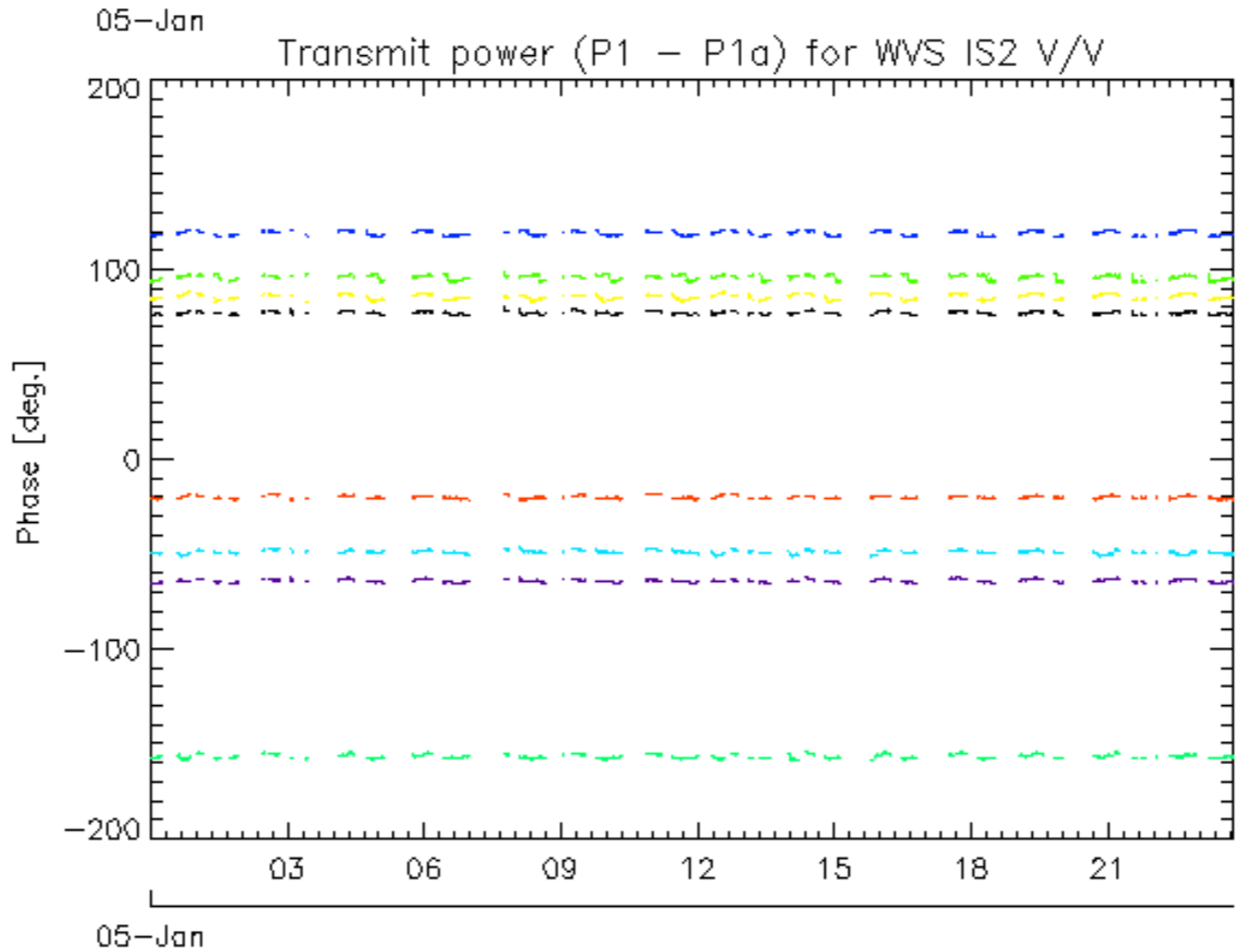
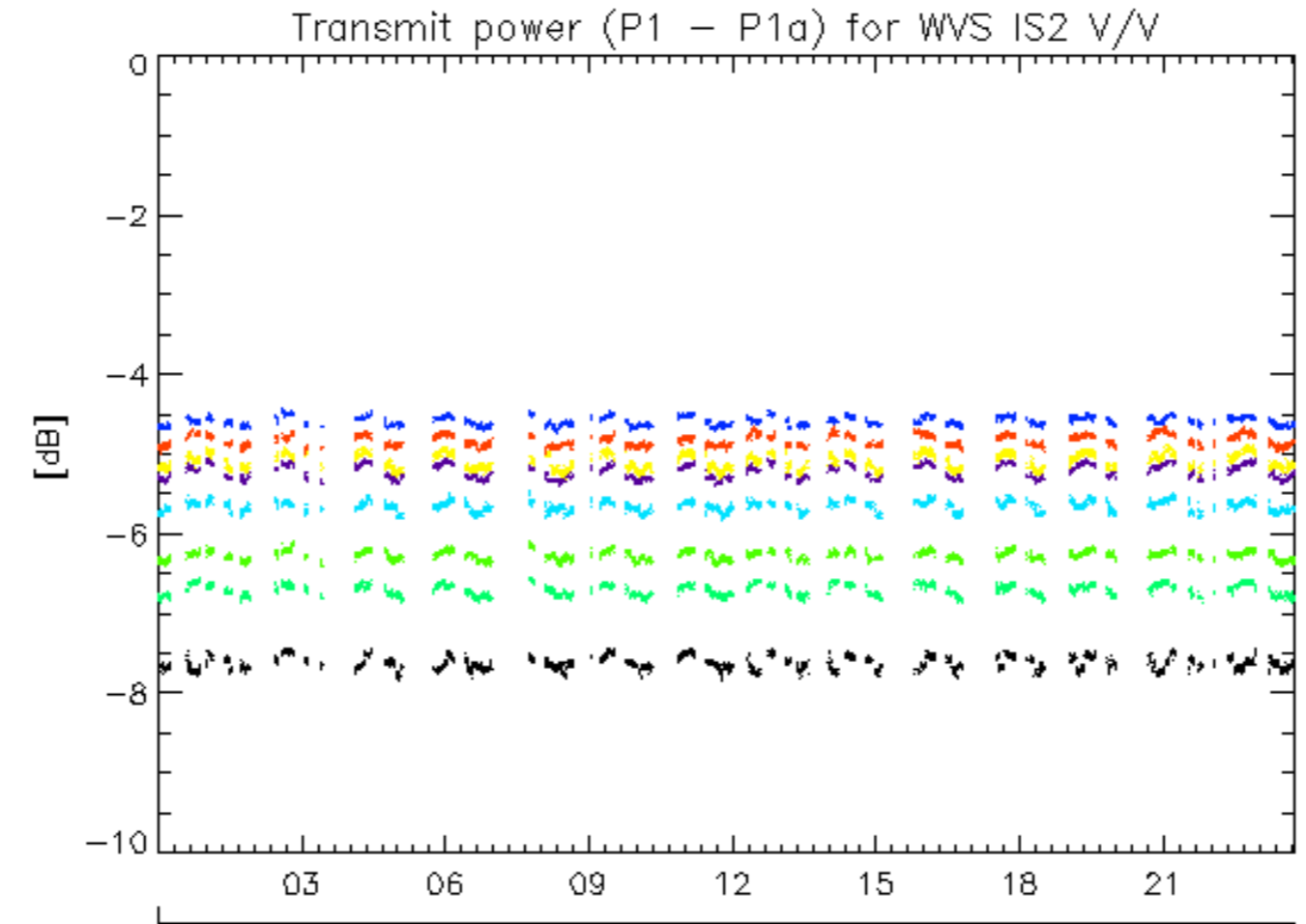




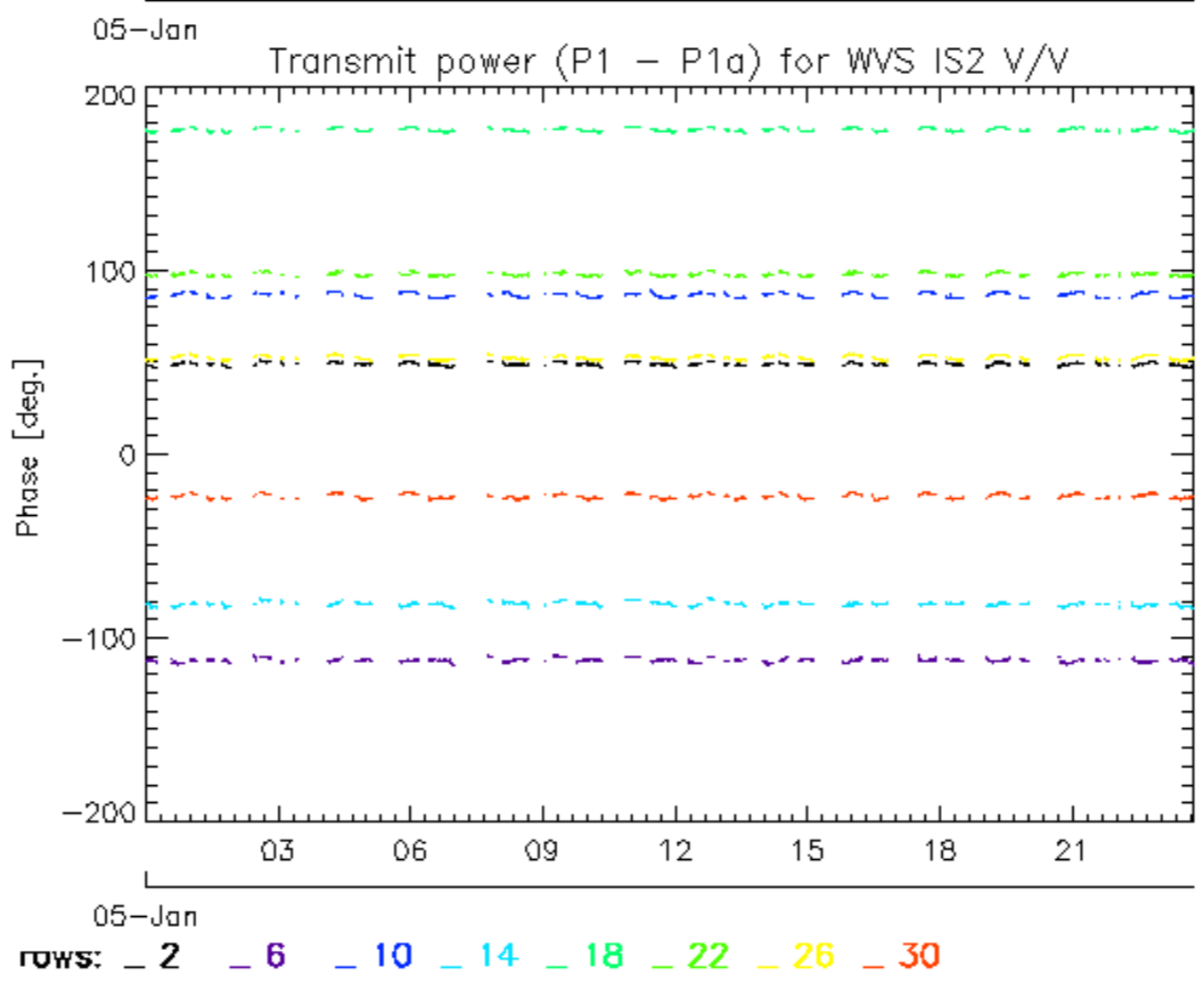
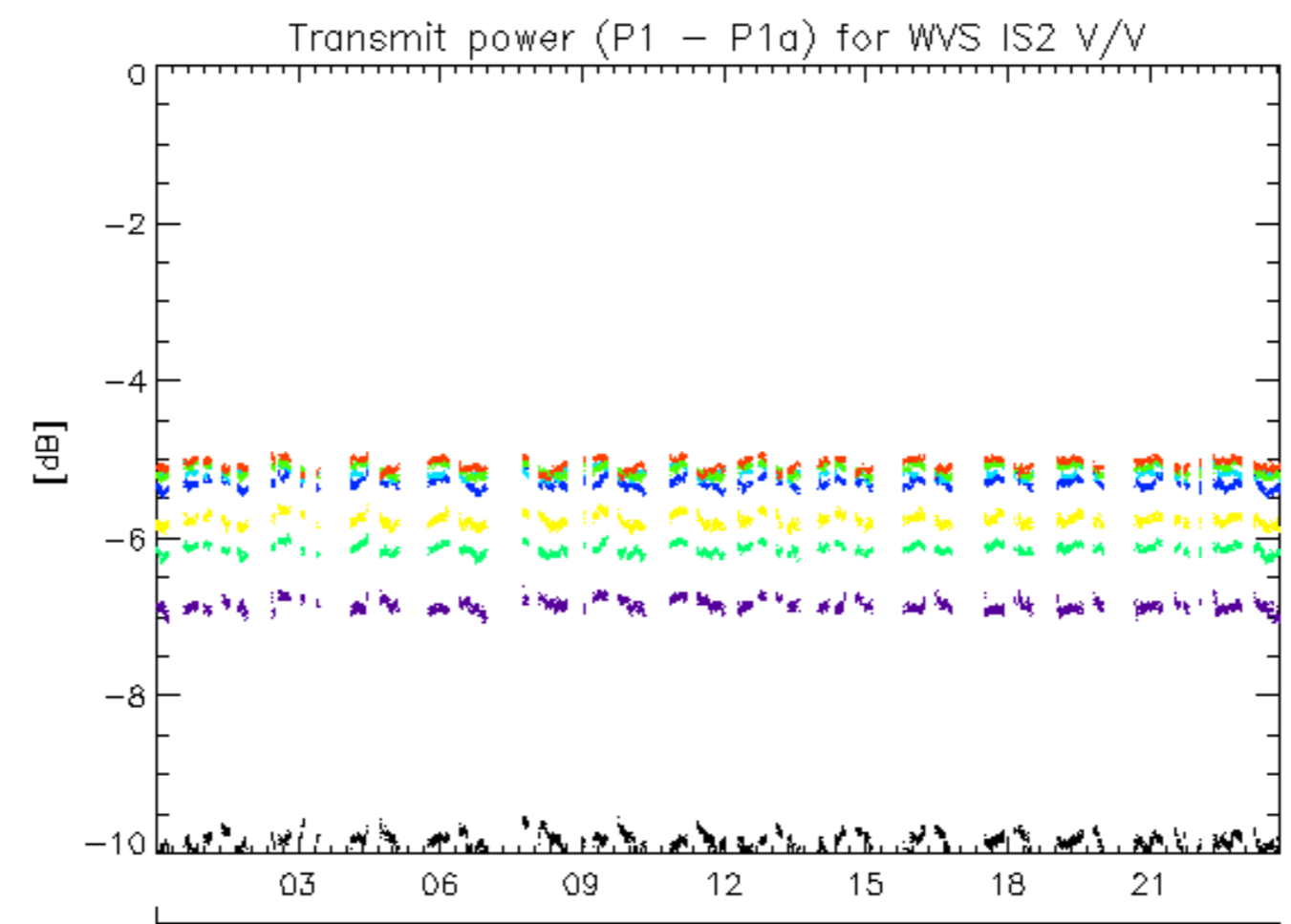


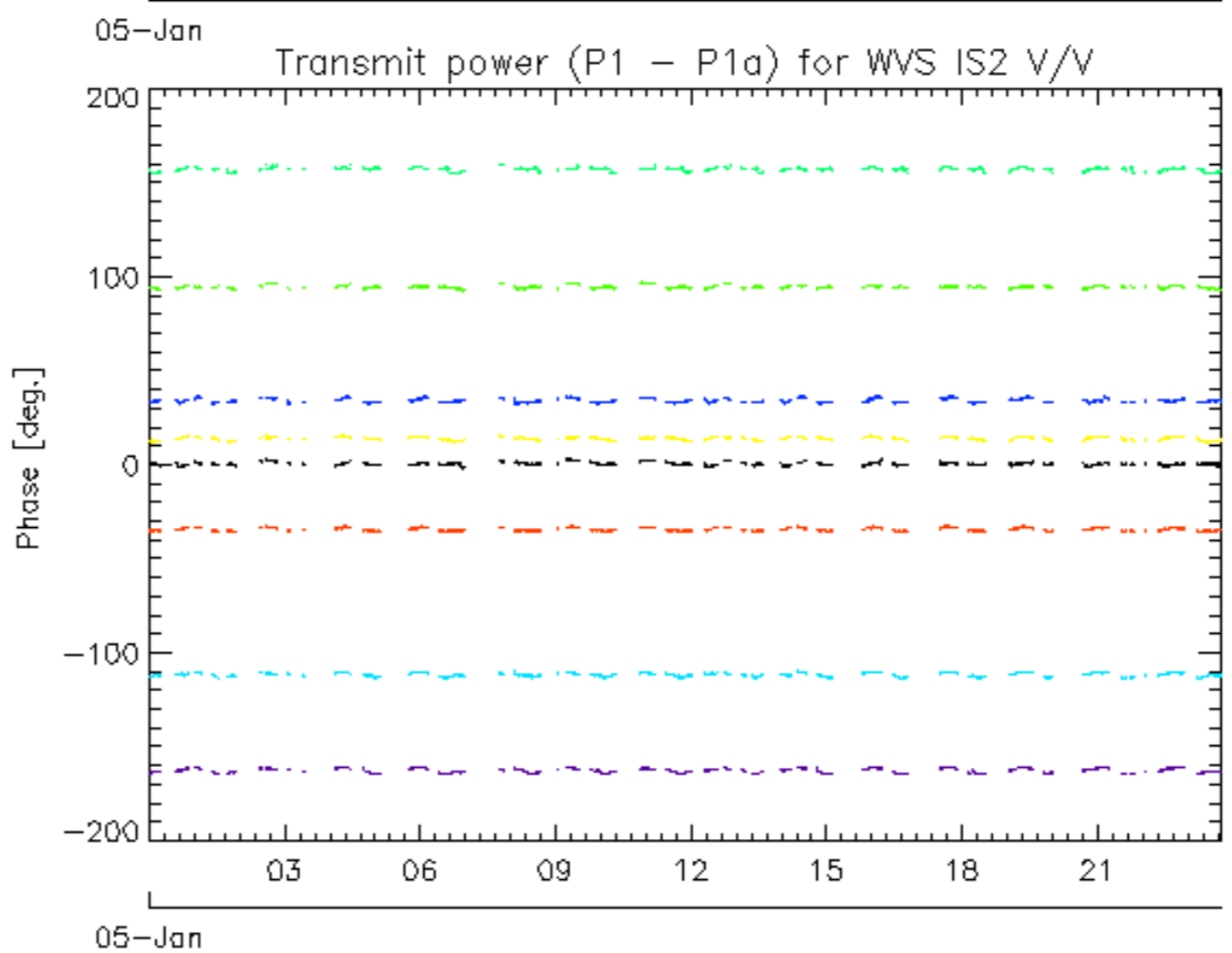
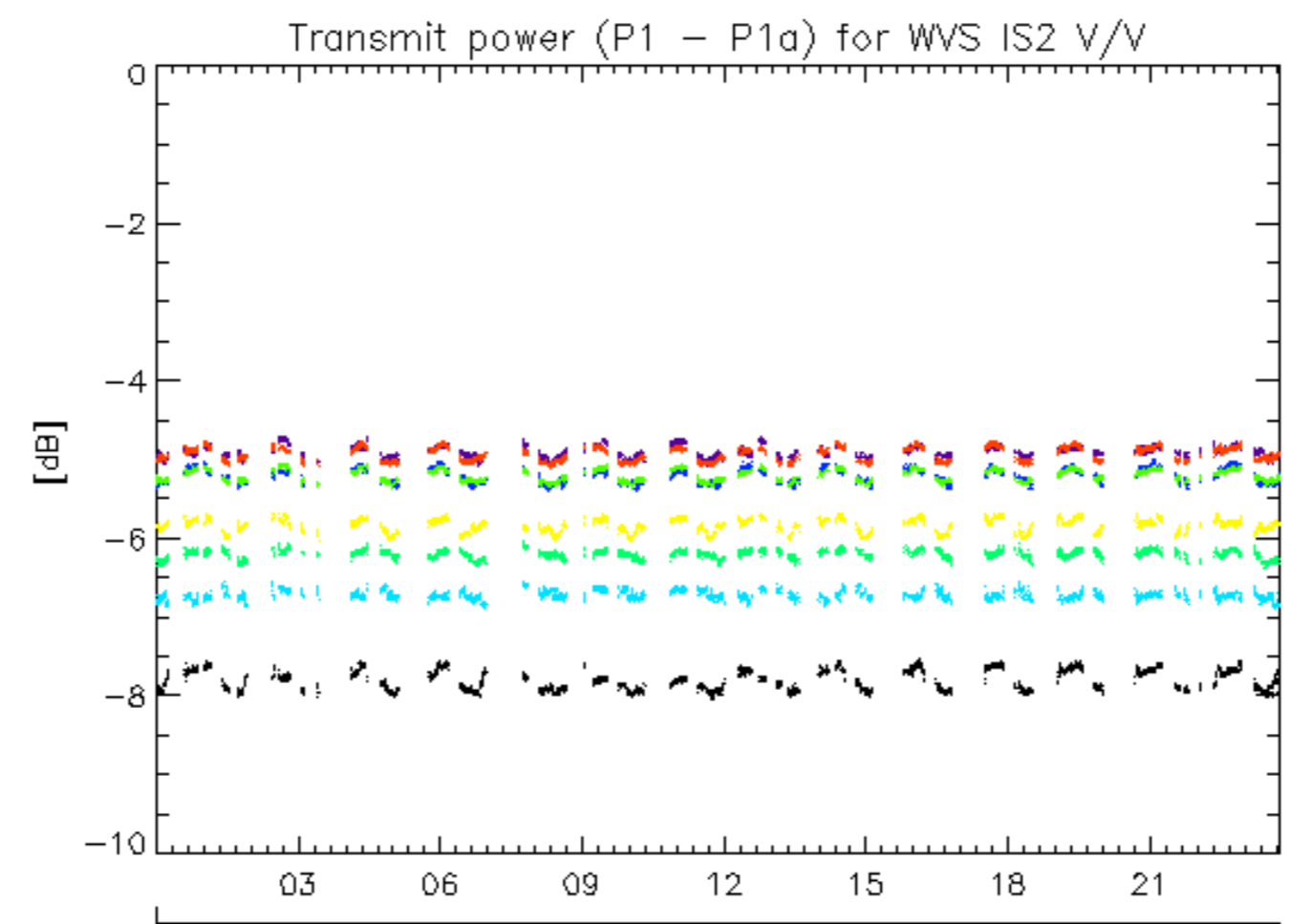




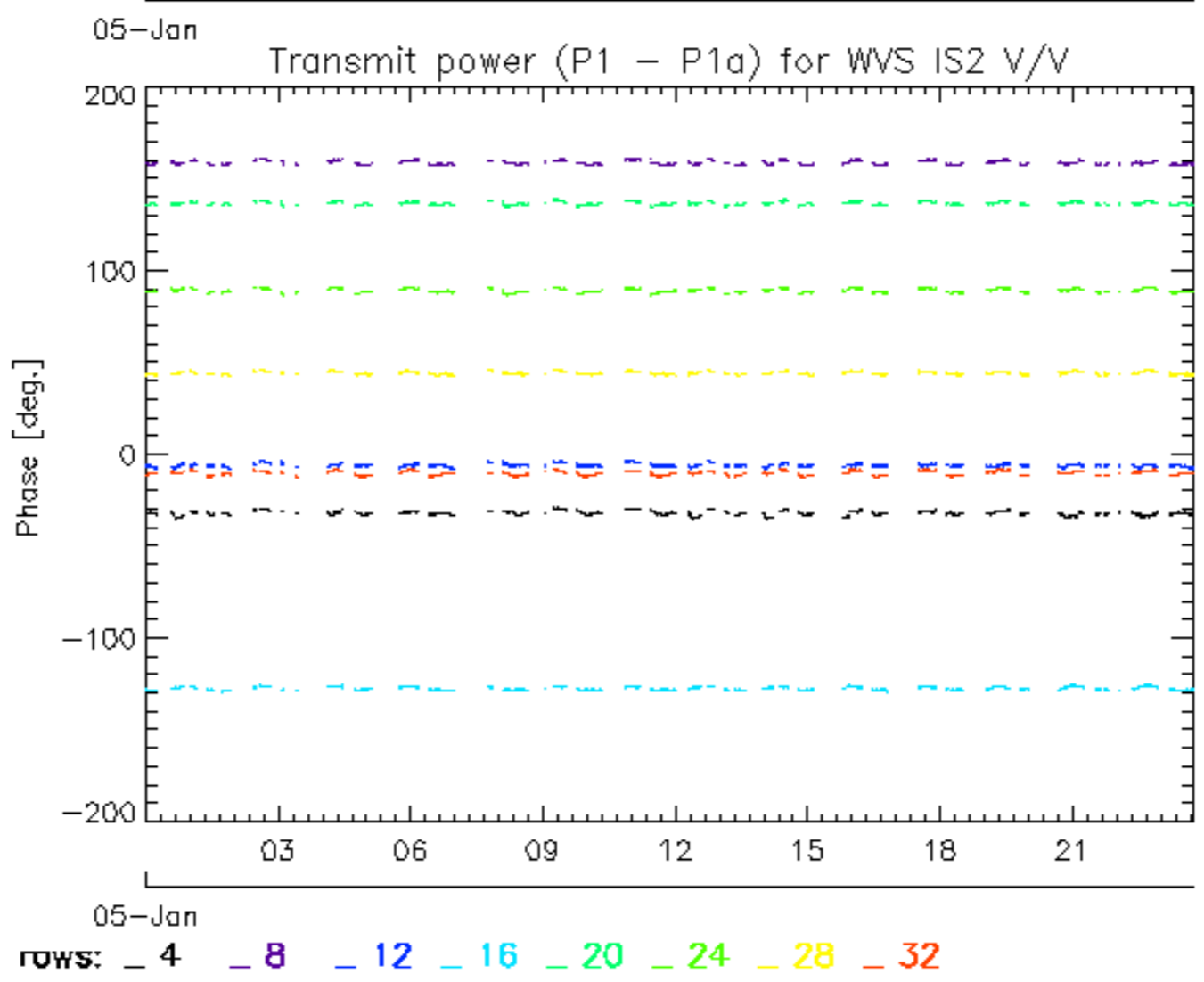
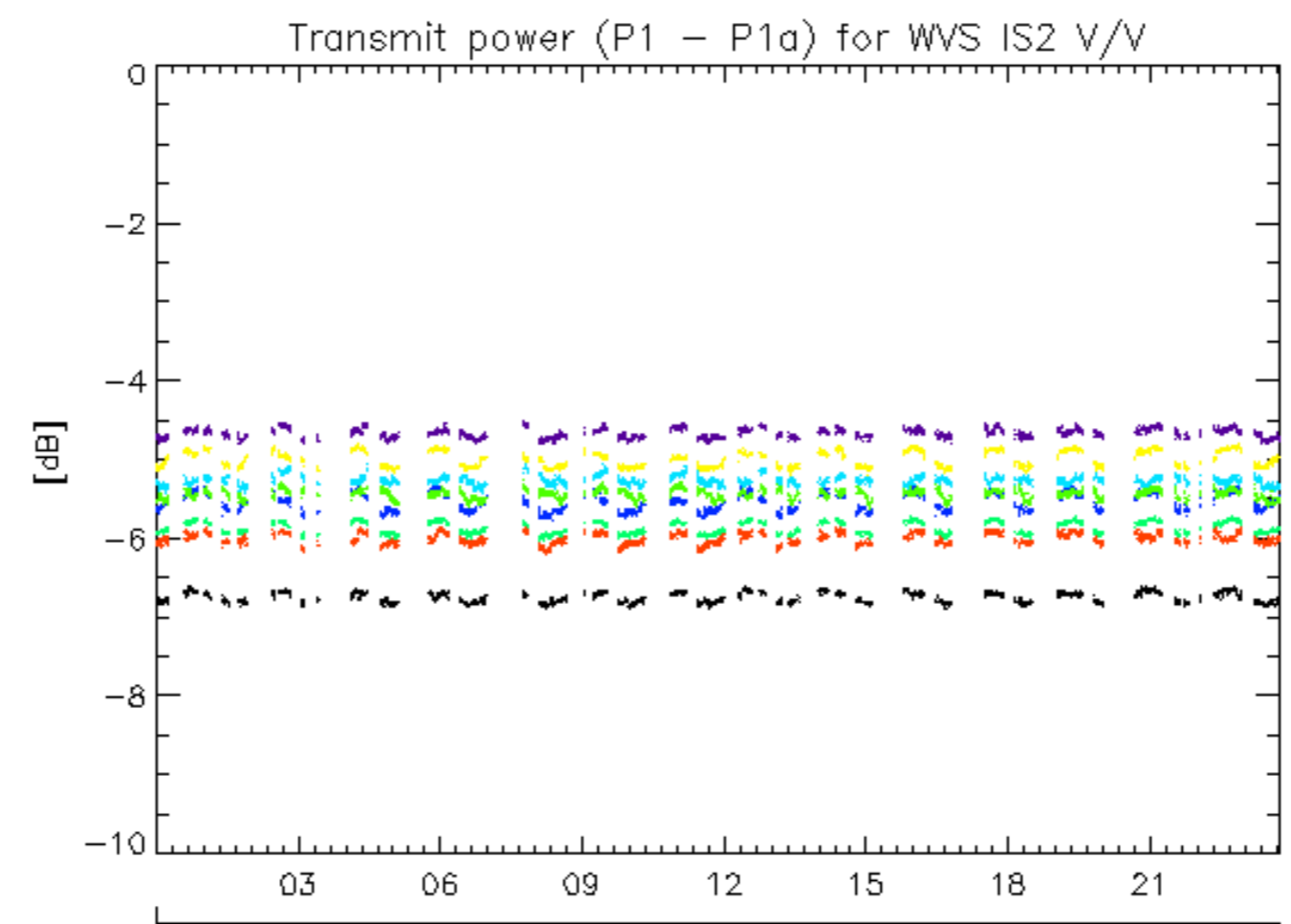


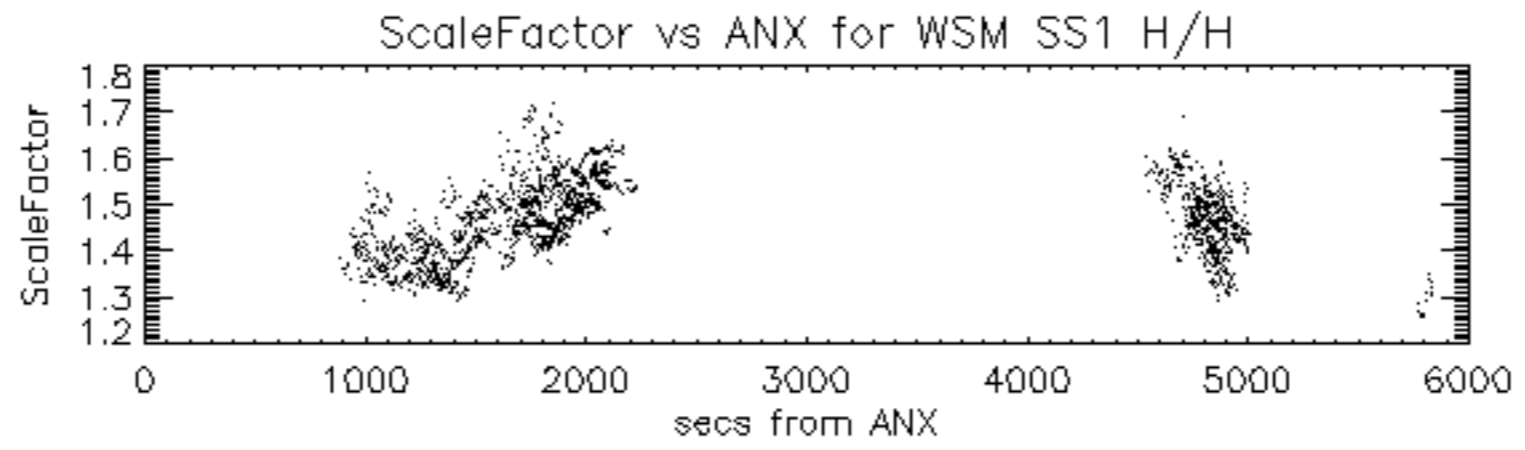
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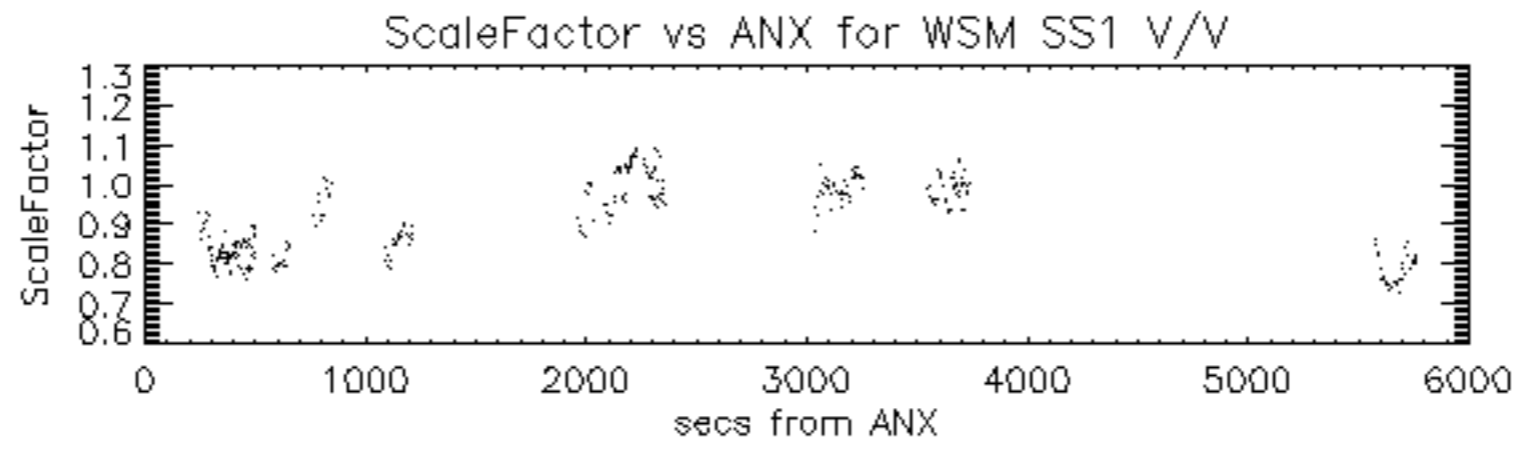


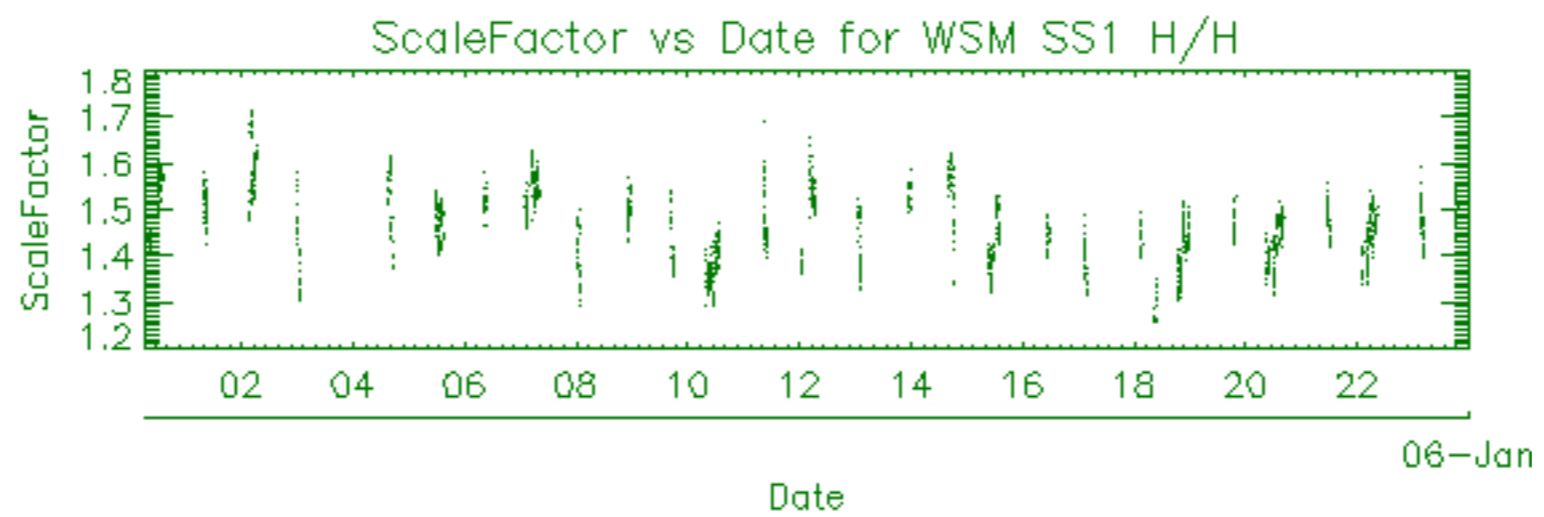


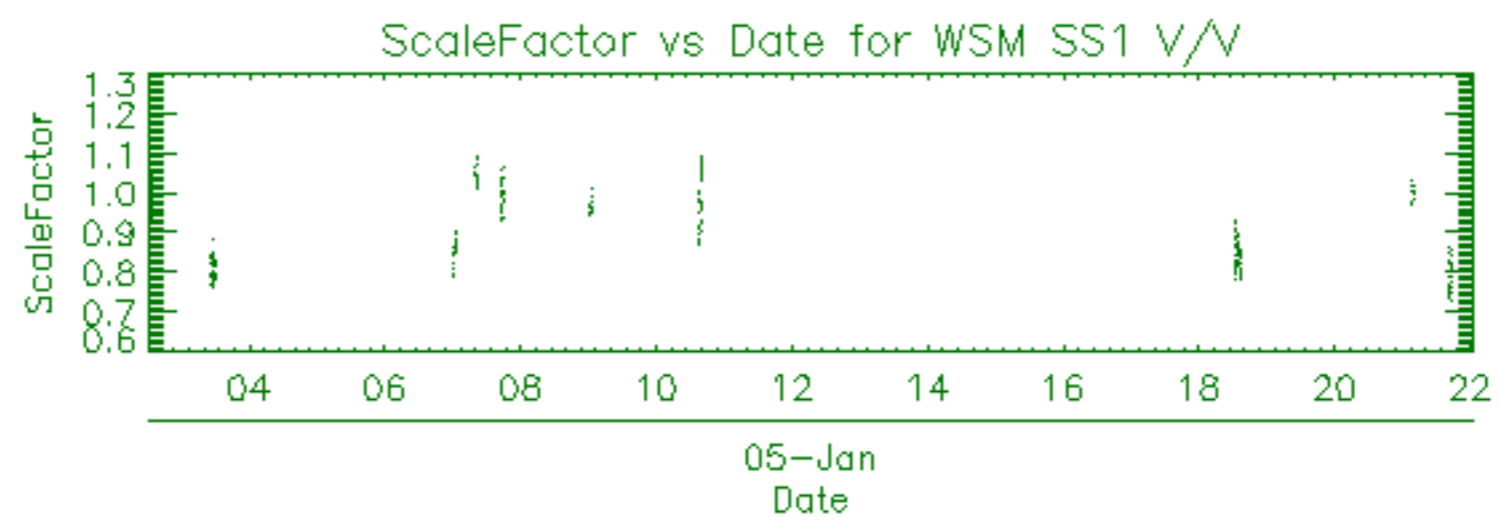
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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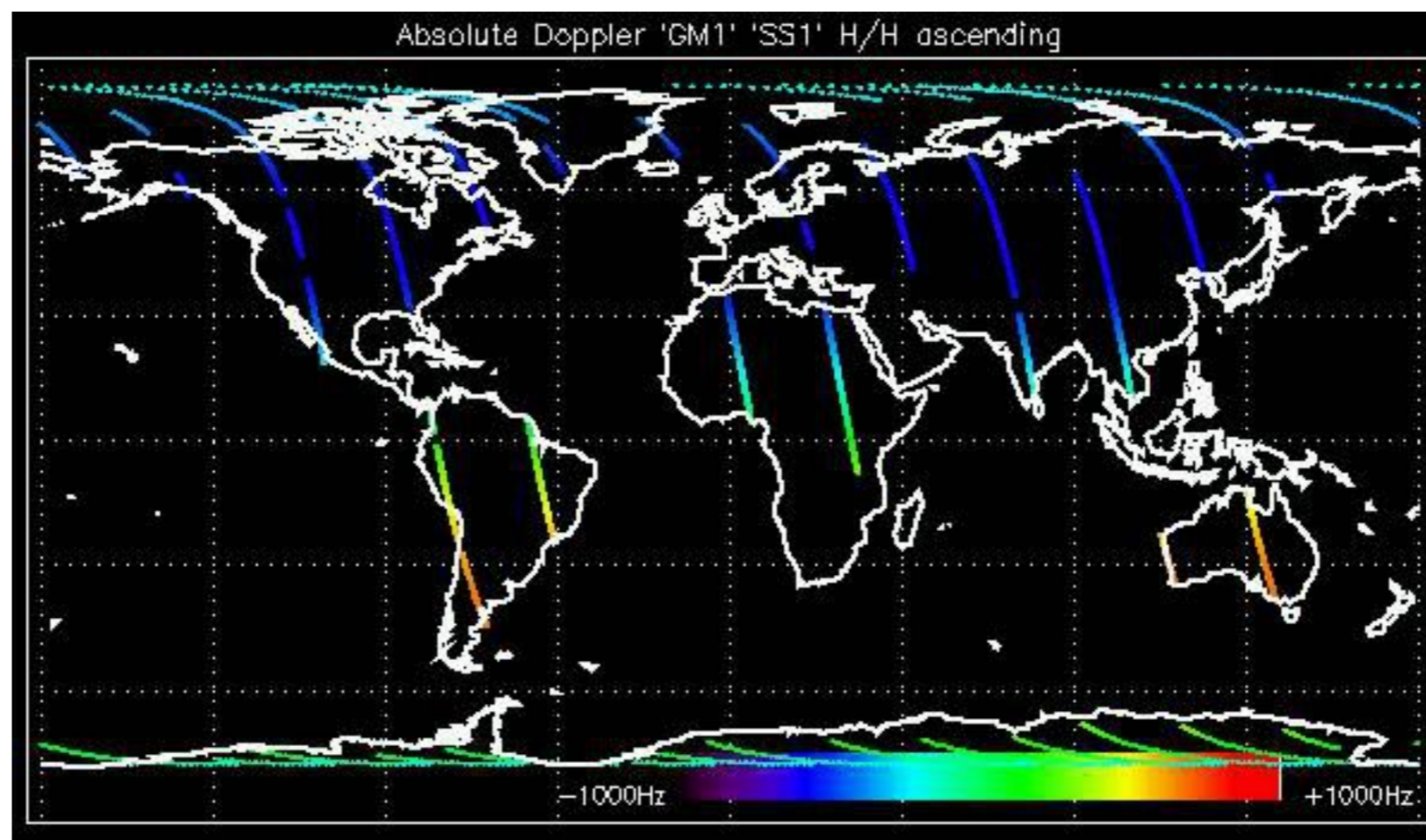


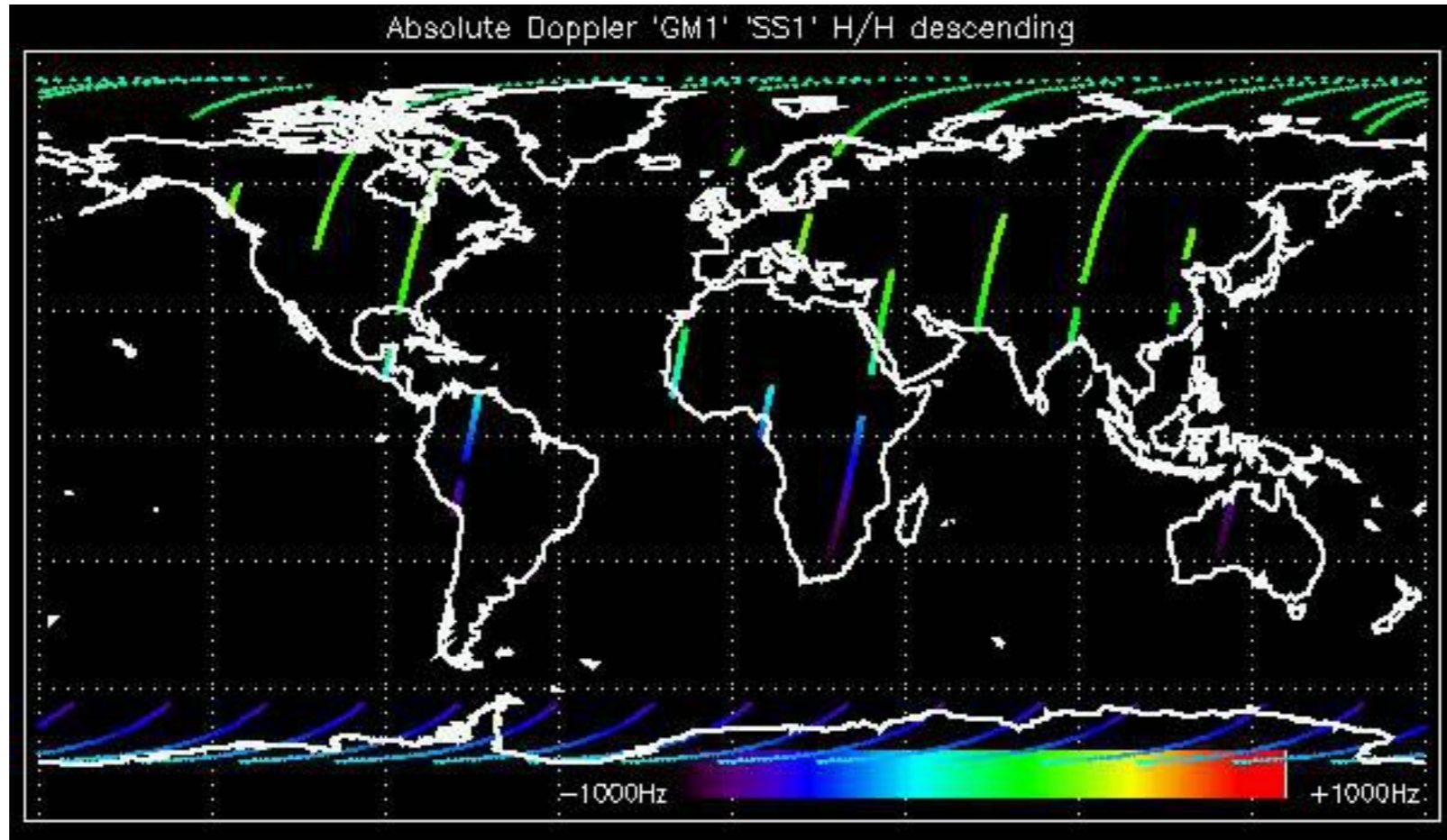
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ASA_GM1_1PNPDE20100105_220701_000001632085_00416_41051_3505.N1	SS1	H/H	85	41051	416	5.03
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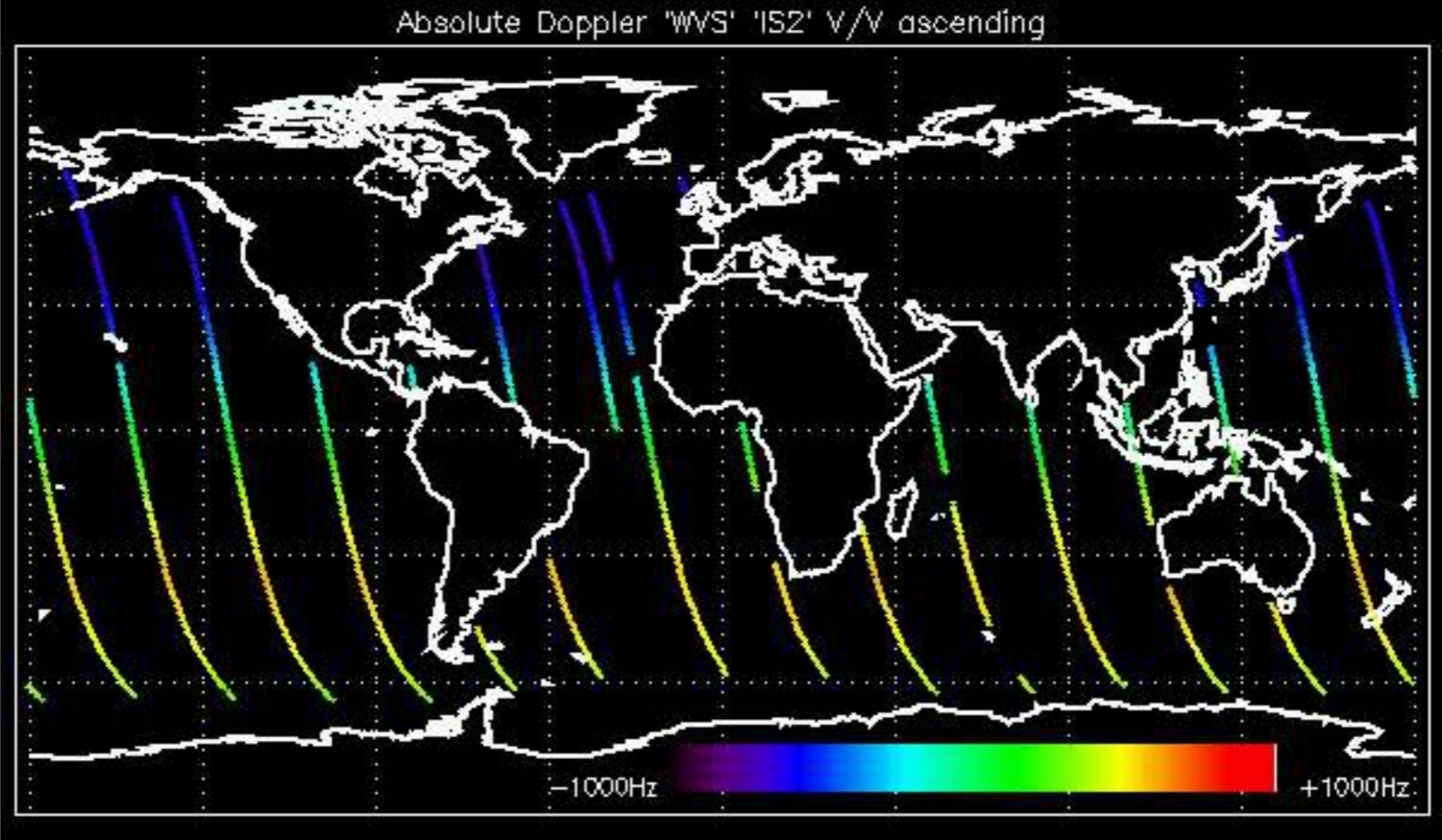
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20100105_031332_000000372085_00404_41039_3373.N1						IS6	V/V	85	41039	404	5.03
ASA_IMM_1PNPDE20100105_032047_000000422085_00404_41039_3374.N1						IS2	V/V	85	41039	404	5.03
ASA_IMM_1PNPDE20100105_040126_000000972085_00405_41040_3378.N1						IS2	V/V	85	41040	405	5.03
ASA_IMM_1PNPDE20100105_051232_000000832085_00406_41041_3415.N1						IS2	V/V	85	41041	406	5.03
ASA_IMM_1PNPDE20100105_051718_000000502085_00406_41041_3414.N1						IS7	V/V	85	41041	406	5.03
ASA_IMM_1PNPDE20100105_072848_000001642085_00407_41042_3418.N1						IS2	V/V	85	41042	407	5.03
ASA_IMM_1PNPDK20100105_082759_000000472085_00408_41043_4114.N1						IS4	V/V	85	41043	408	5.03
ASA_IMM_1PNPDE20100105_090443_000003232085_00408_41043_3436.N1						IS2	V/V	85	41043	408	5.03
ASA_IMM_1PNPDE20100105_104431_000001412085_00409_41044_3446.N1						IS2	V/V	85	41044	409	5.03
ASA_IMM_1PNPDE20100105_123457_000004762085_00410_41045_3465.N1						IS2	V/V	85	41045	410	5.03
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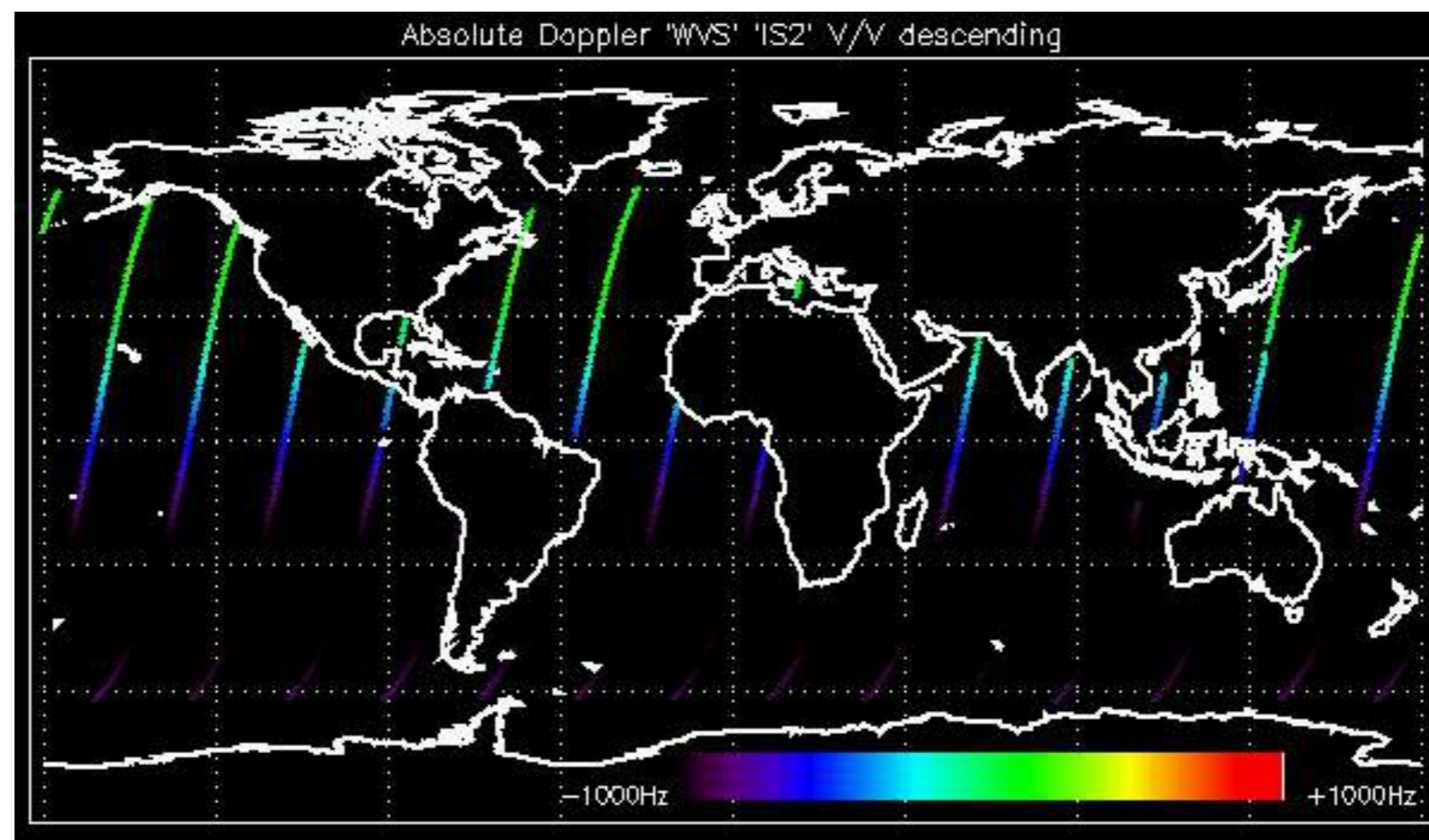
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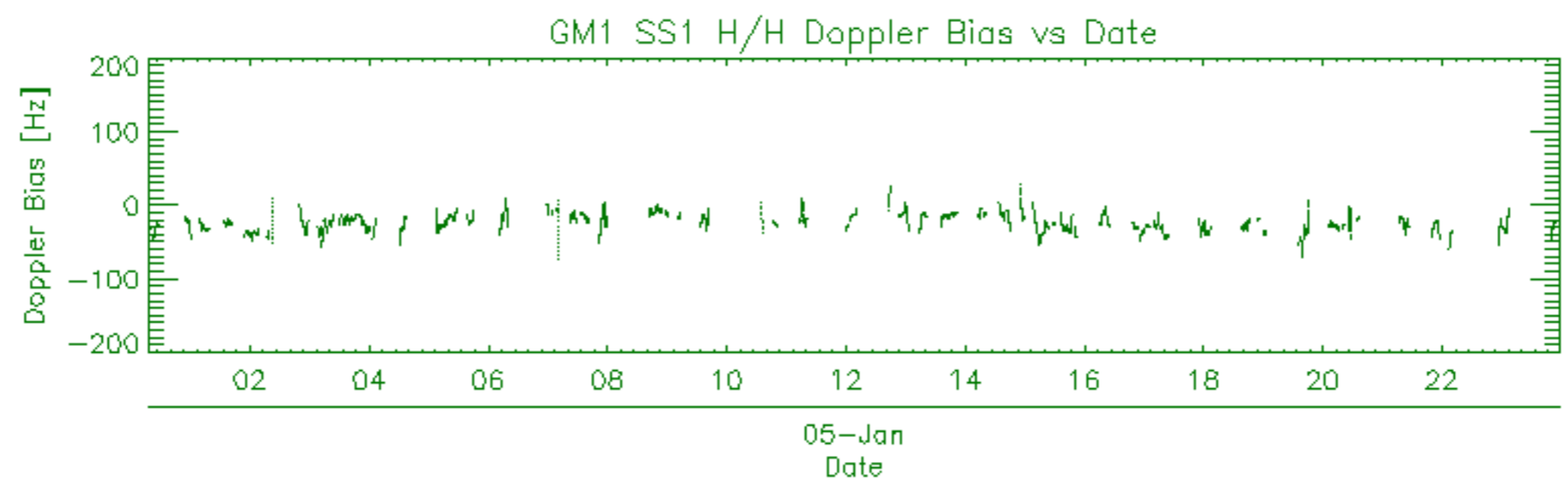
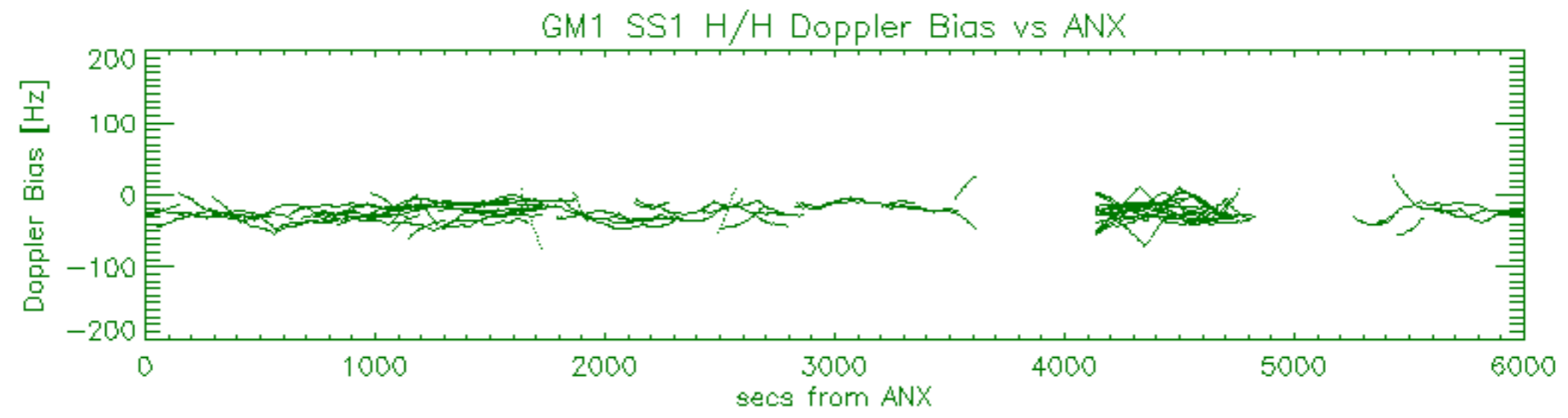
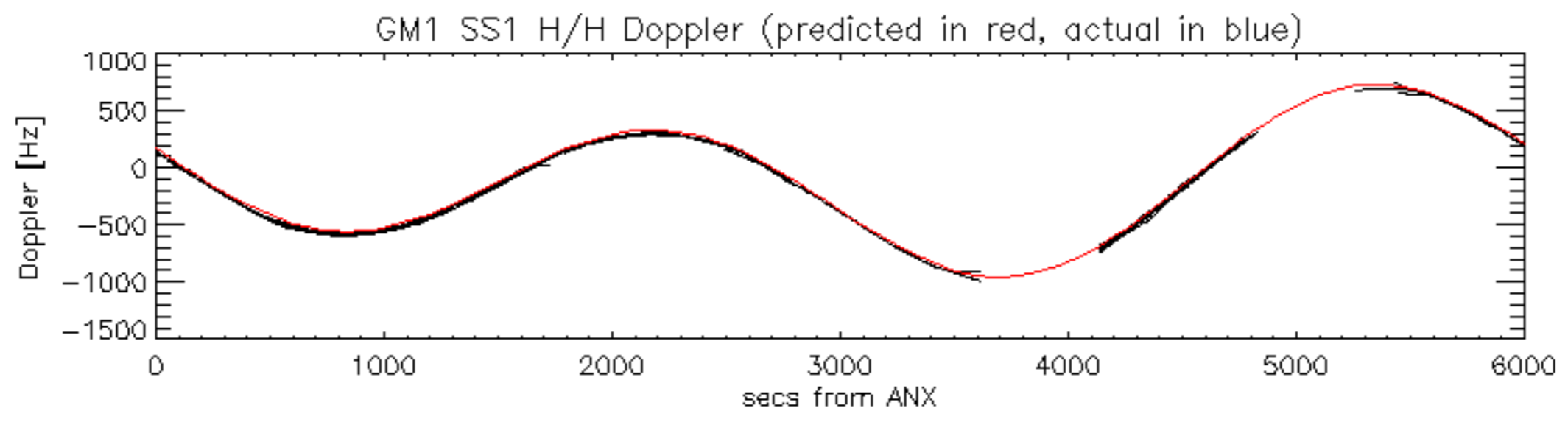


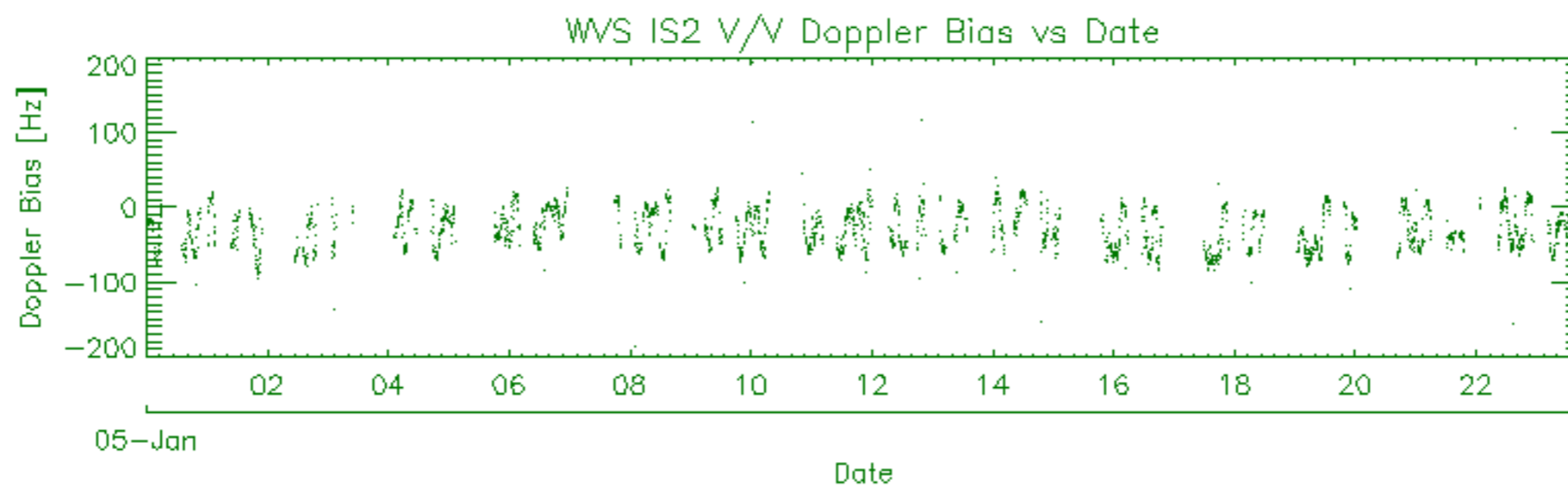
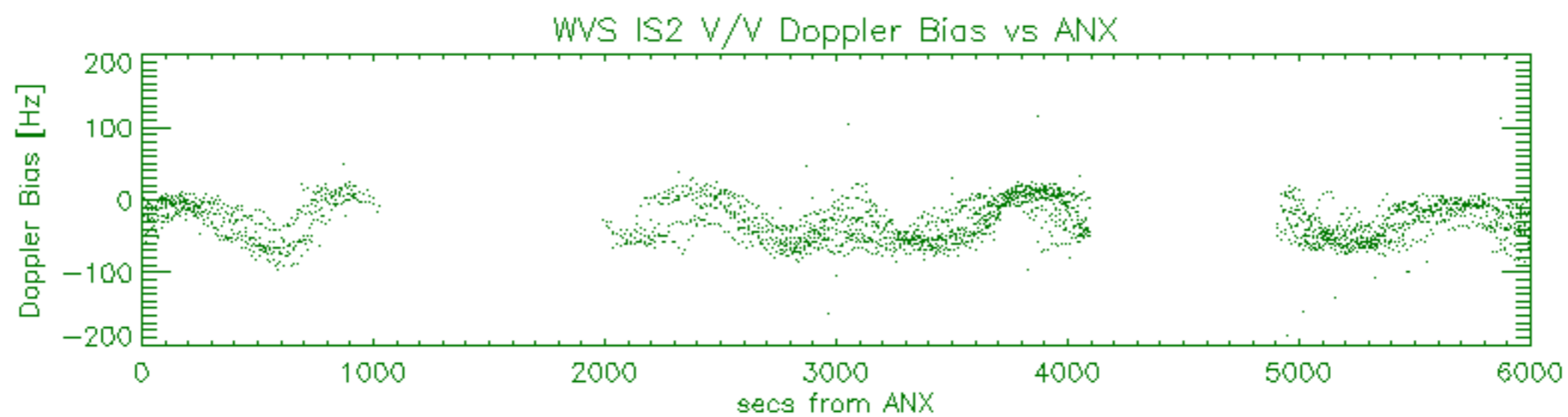
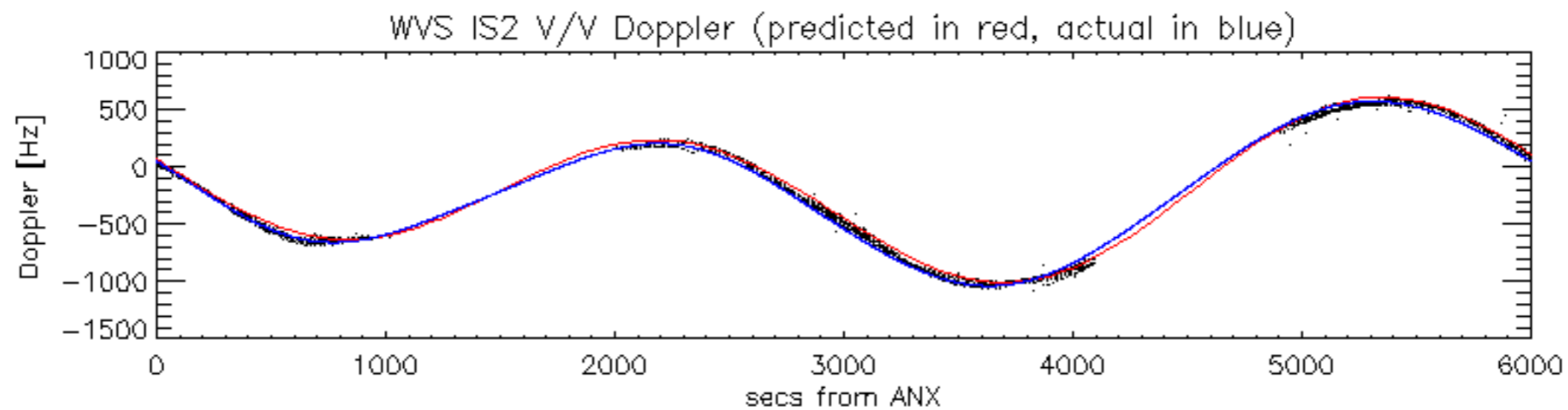


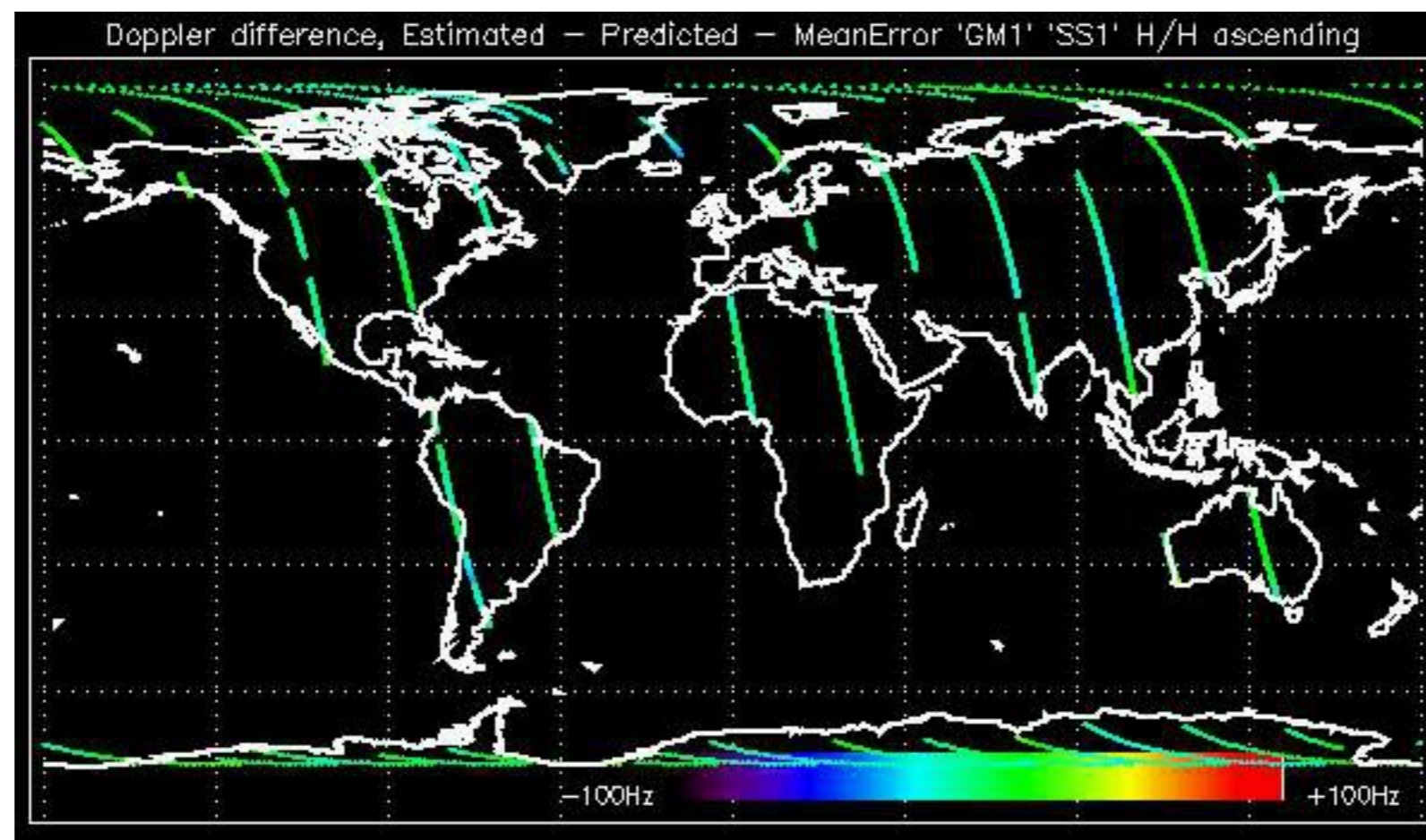


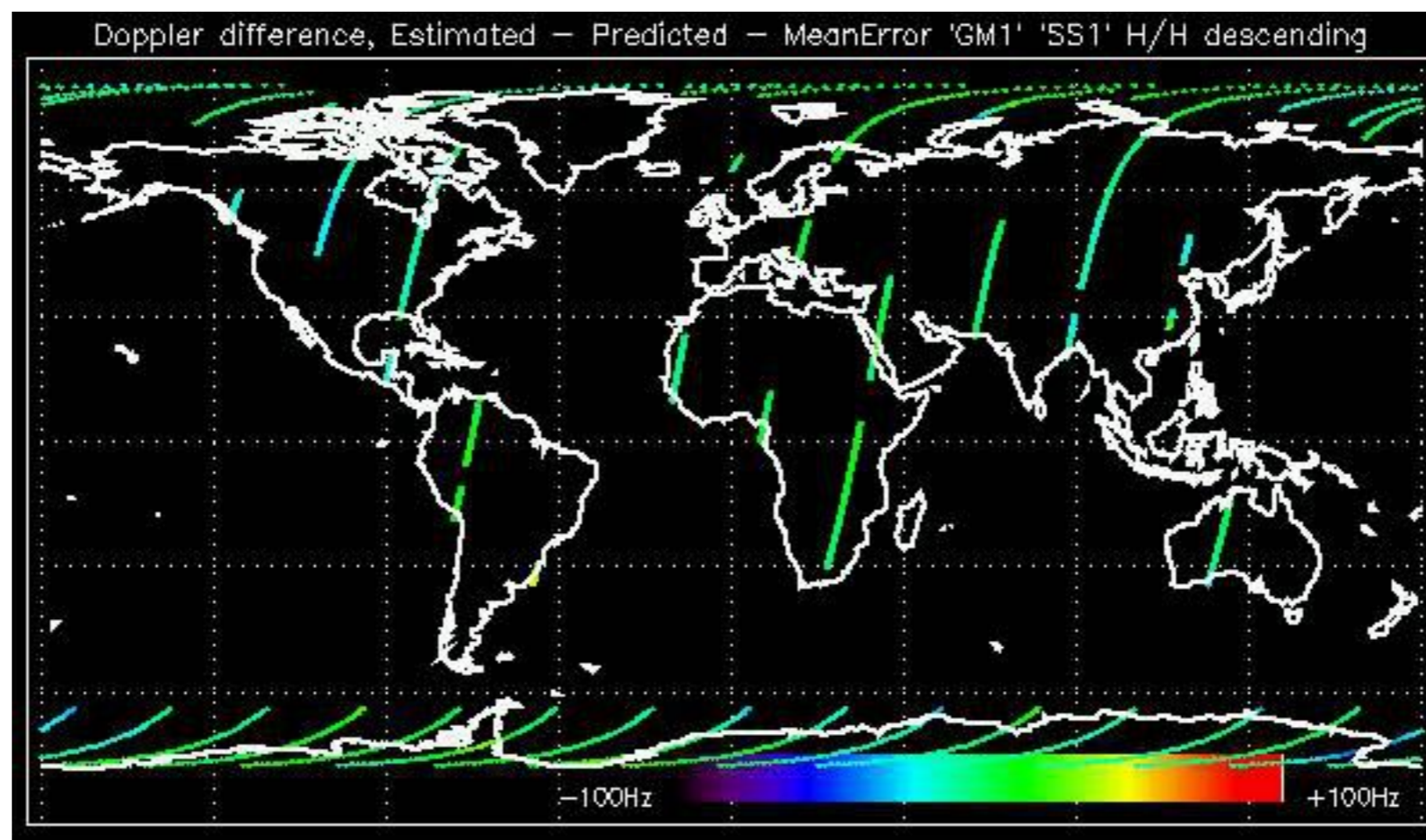


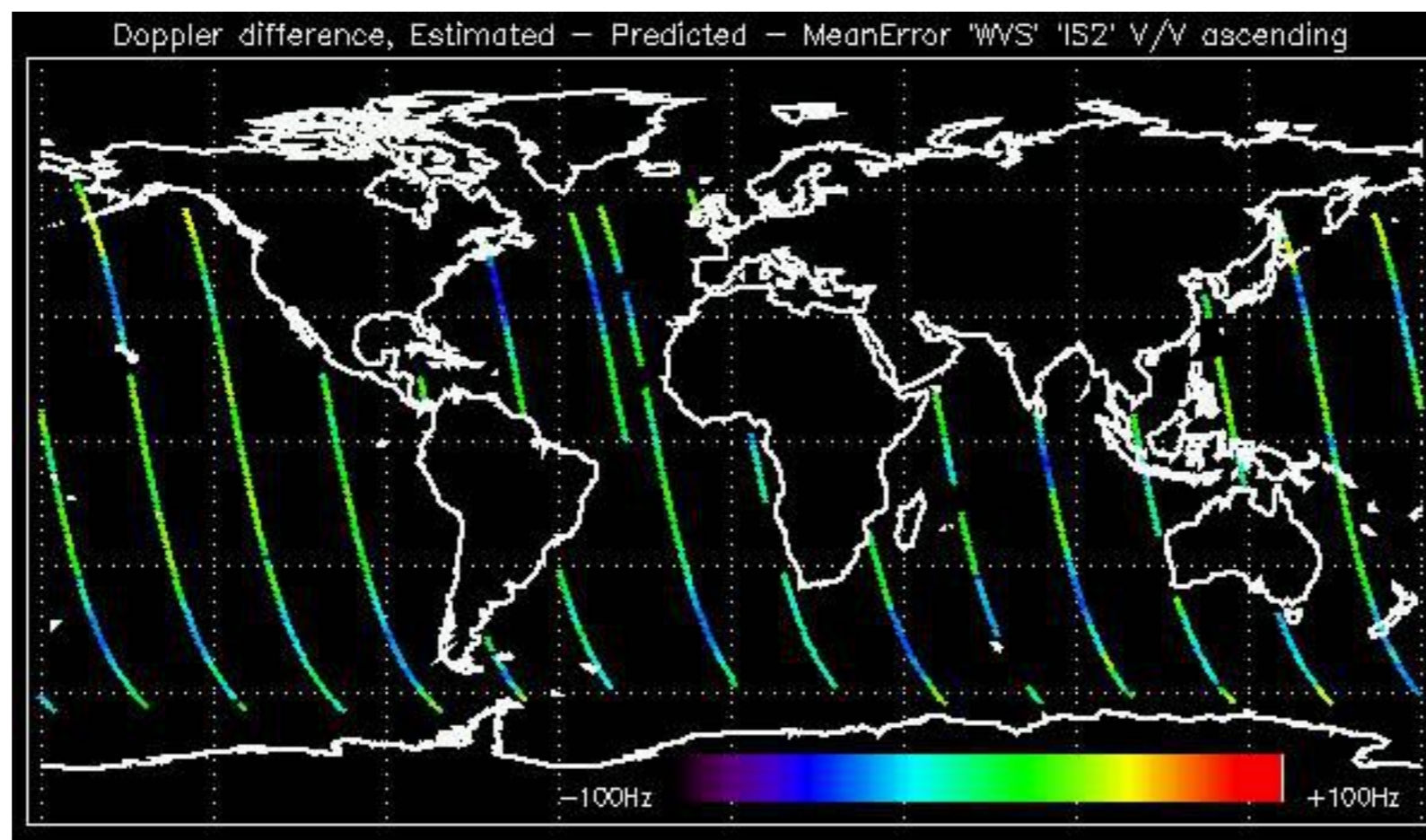


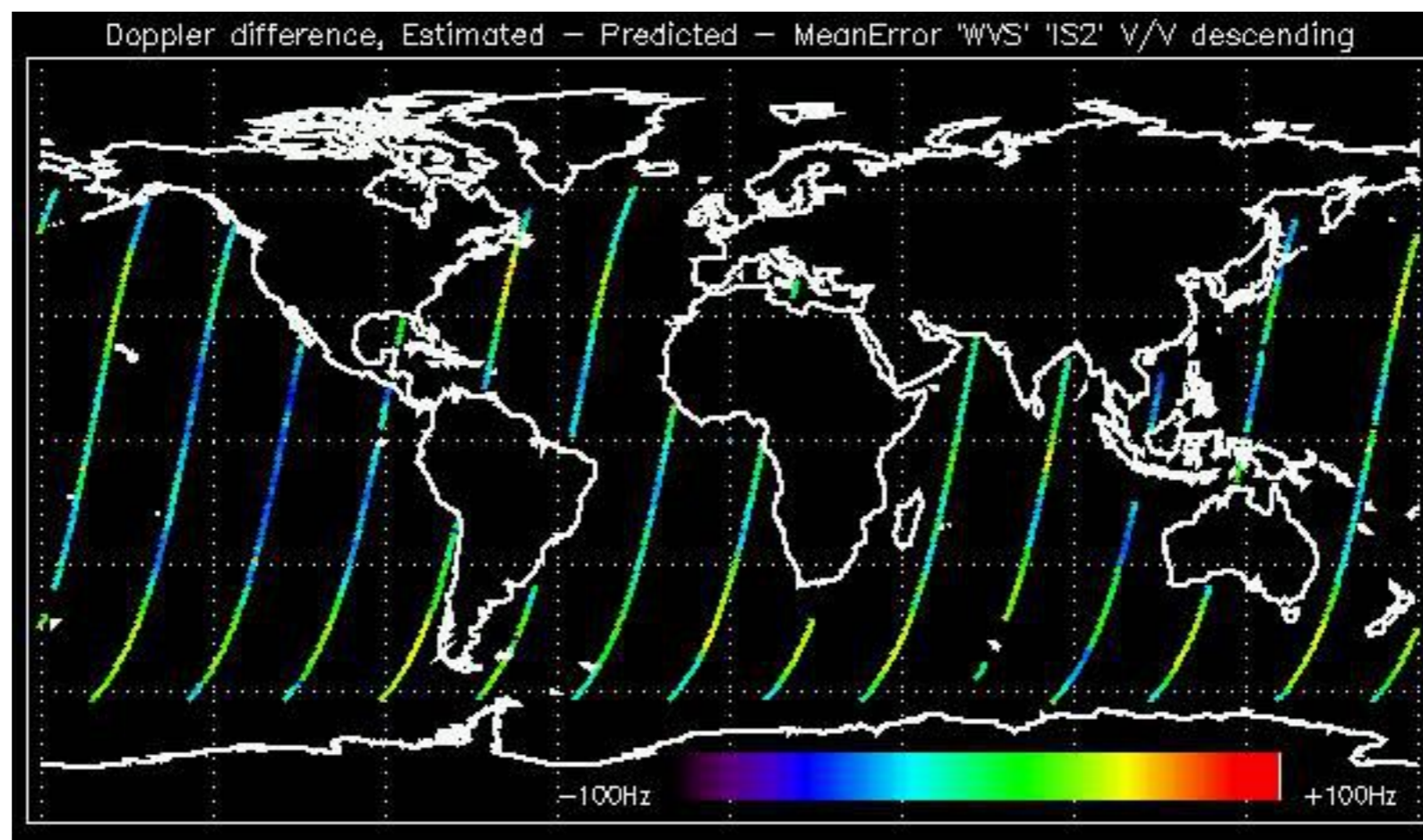


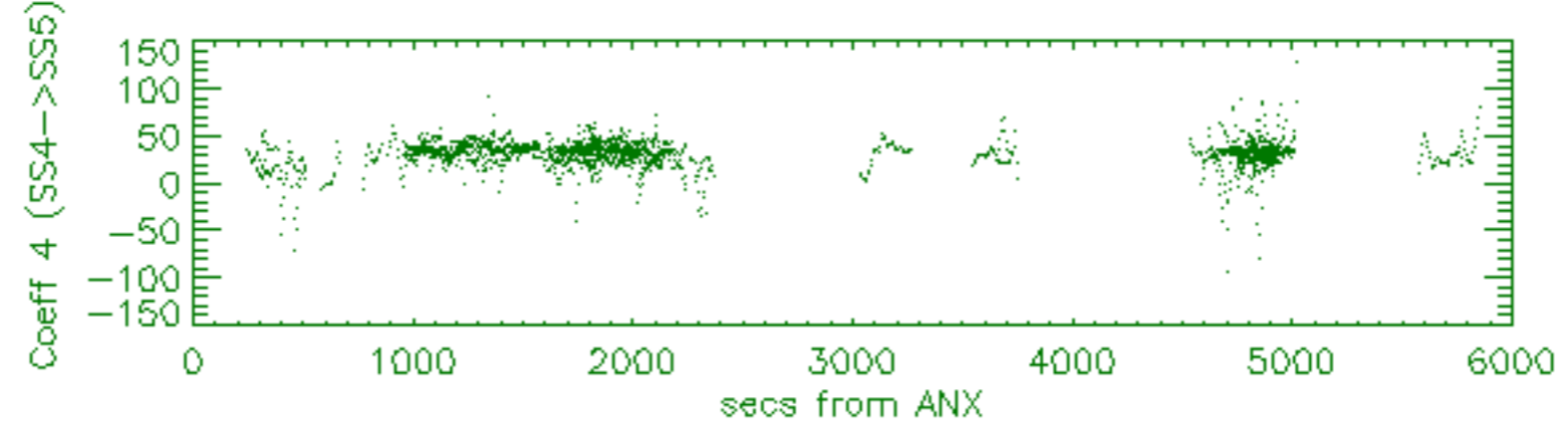
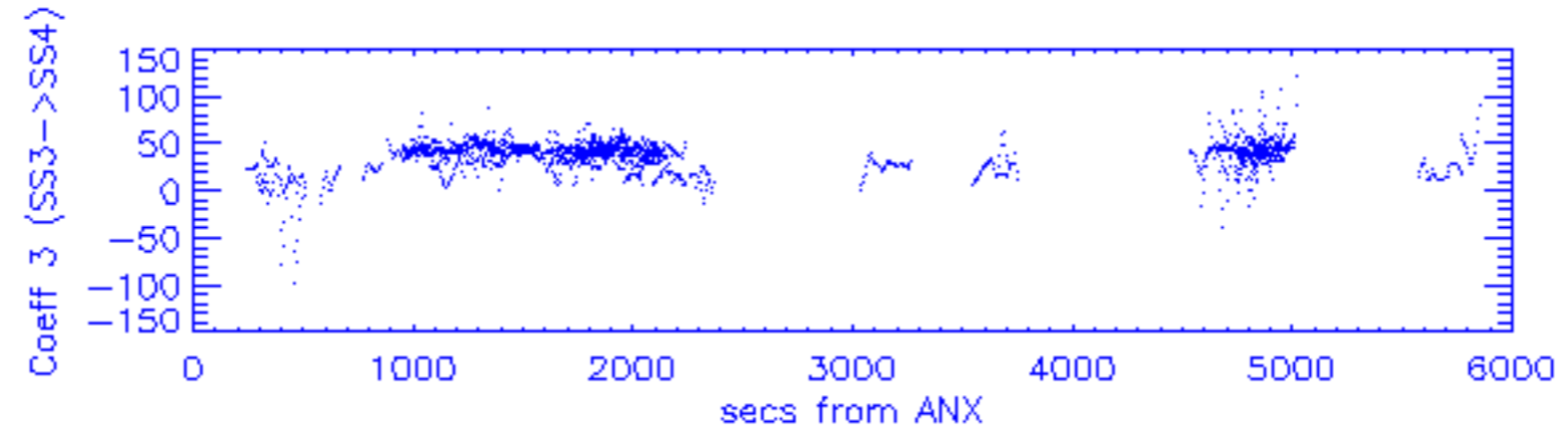
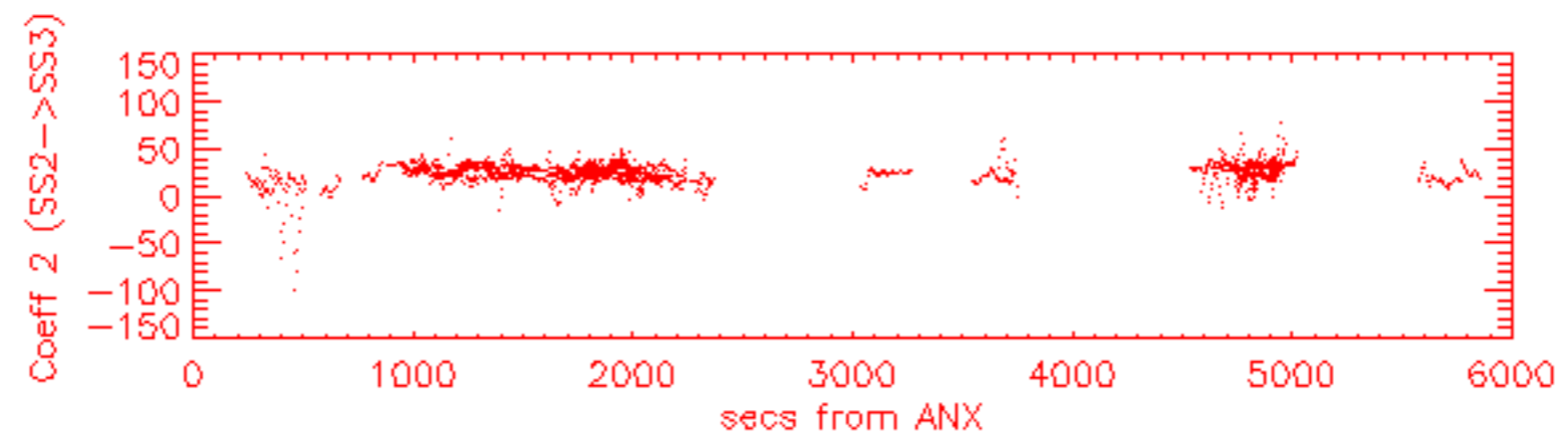
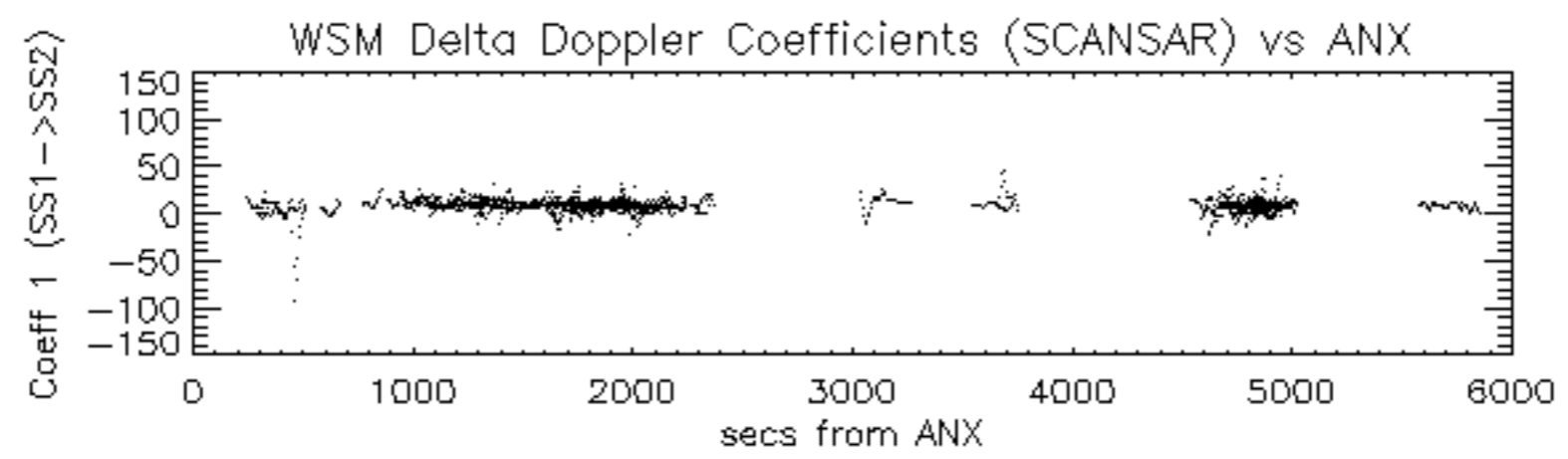


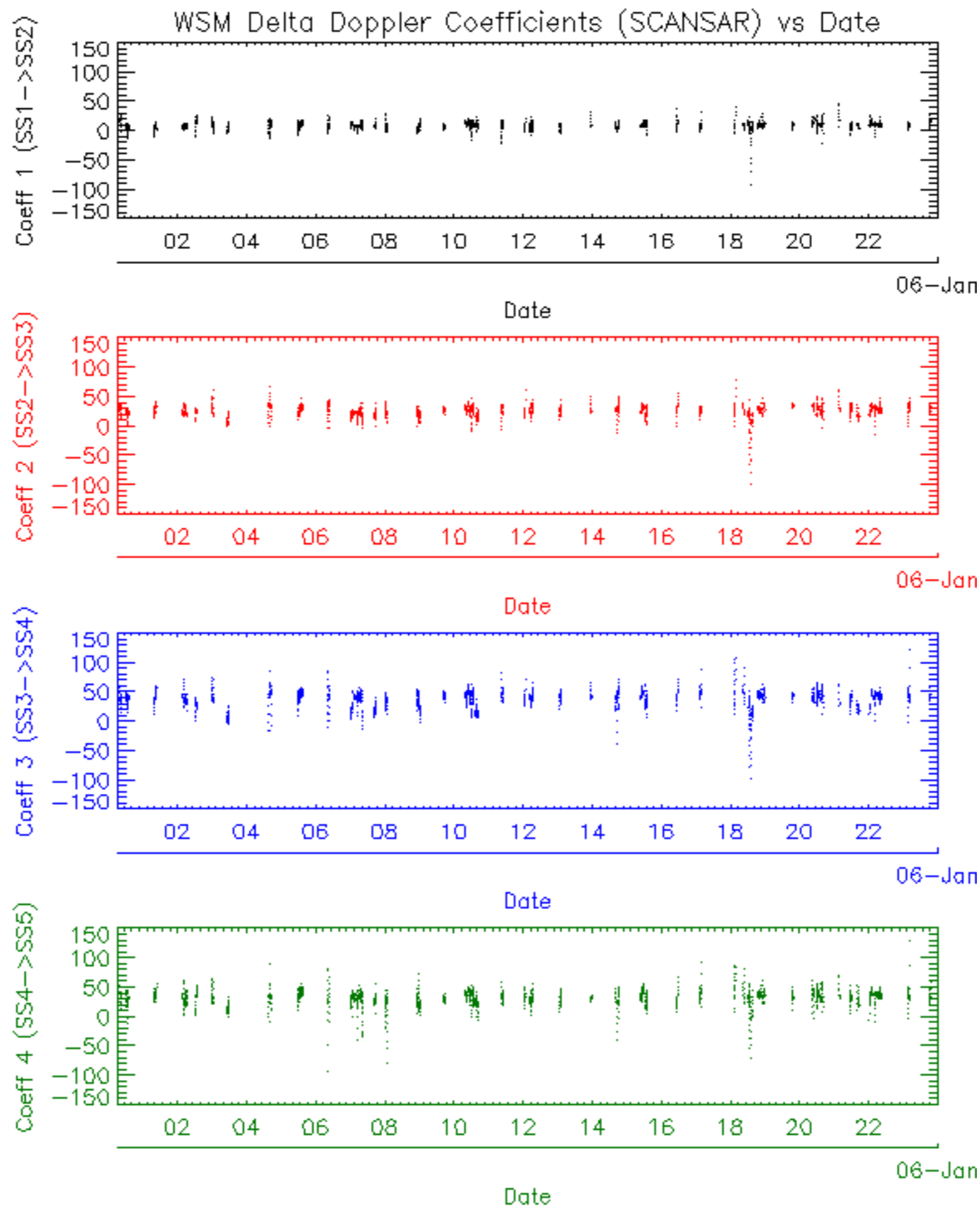


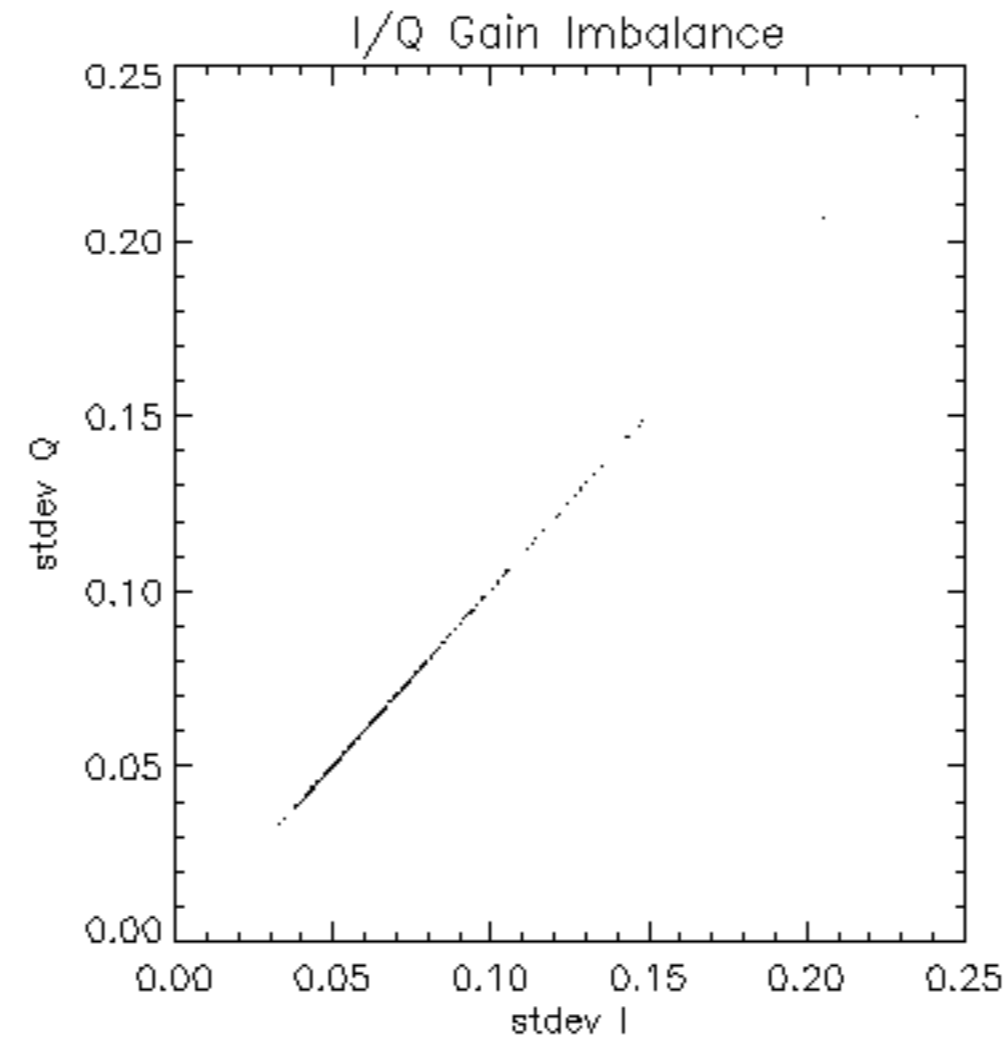


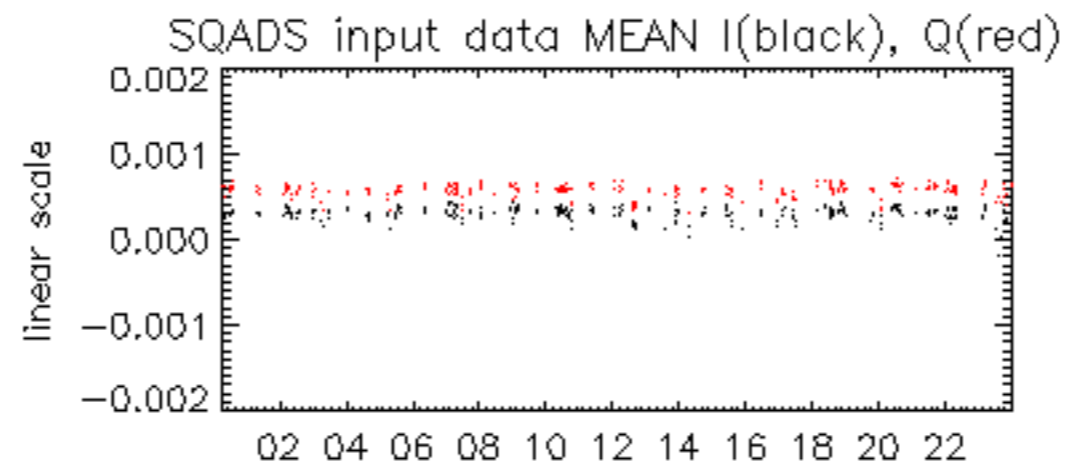




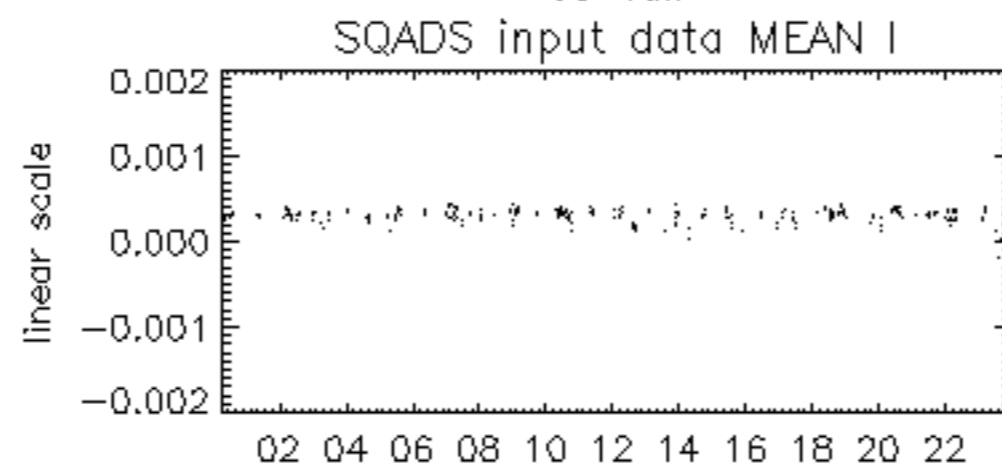




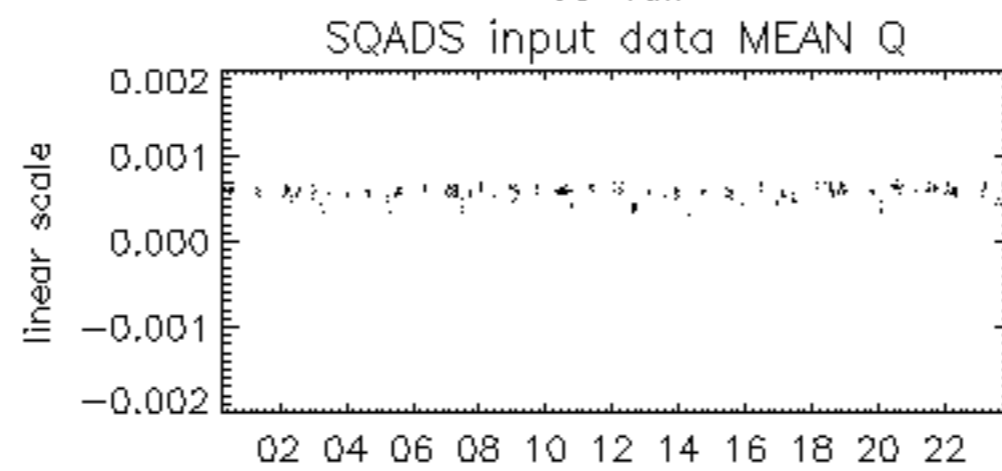




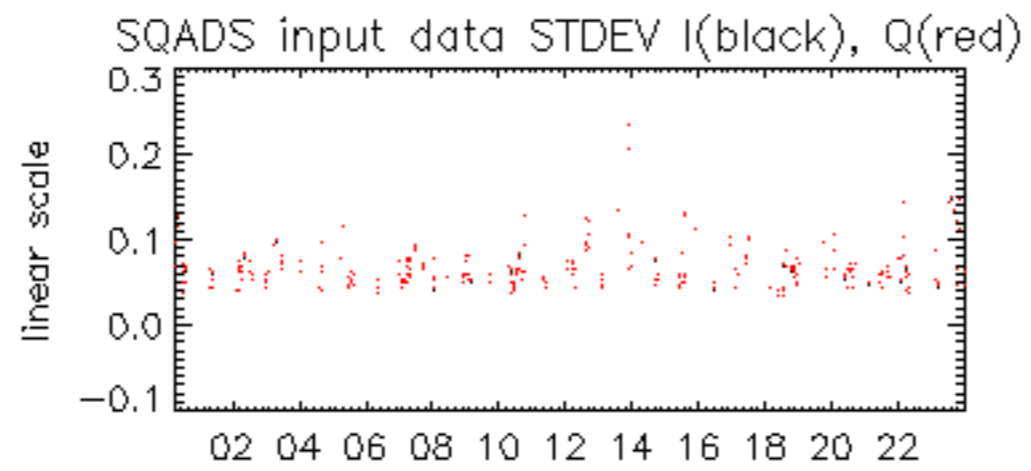
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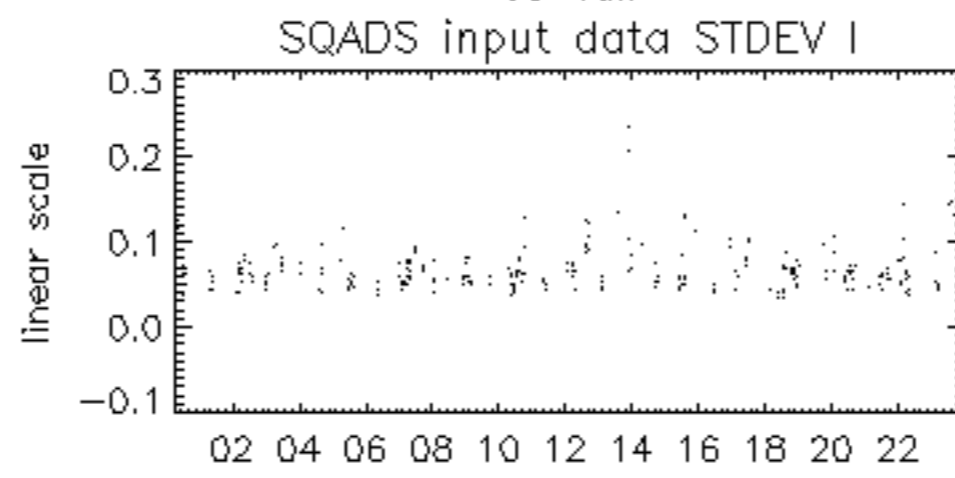
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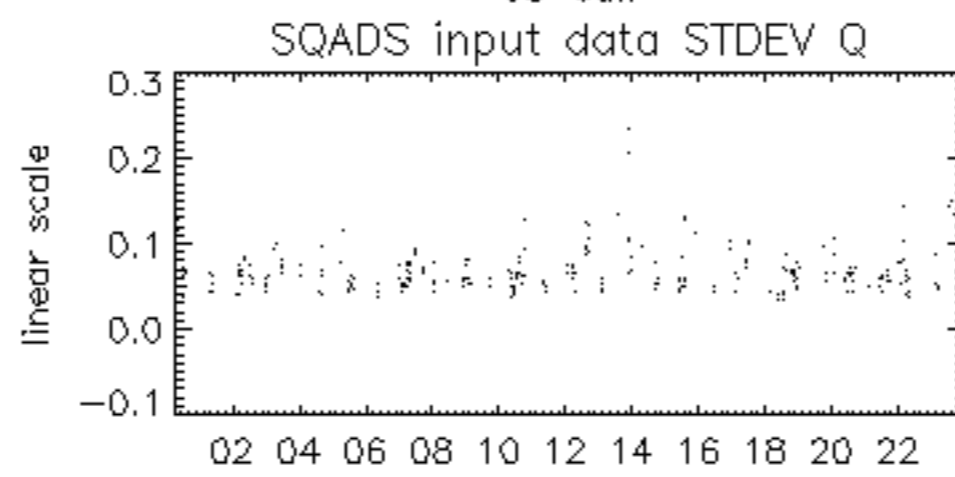
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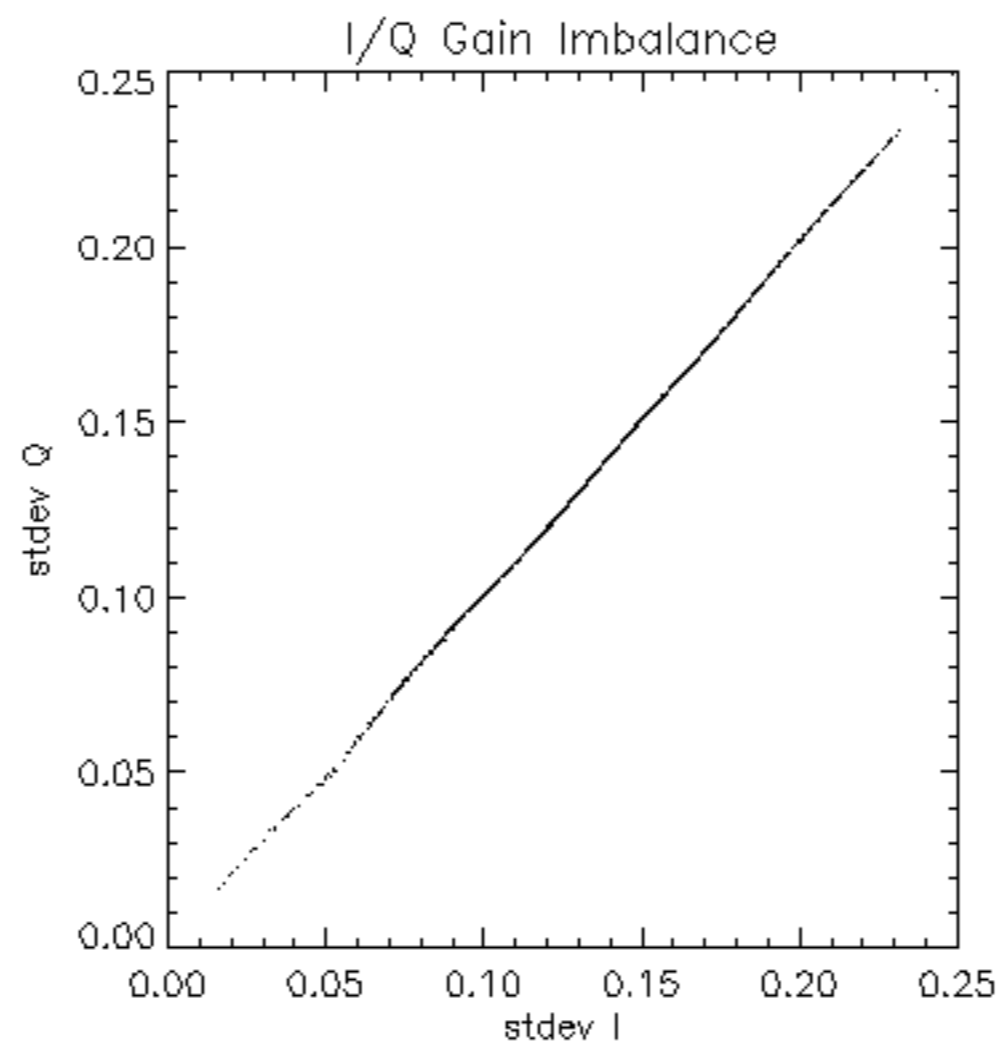
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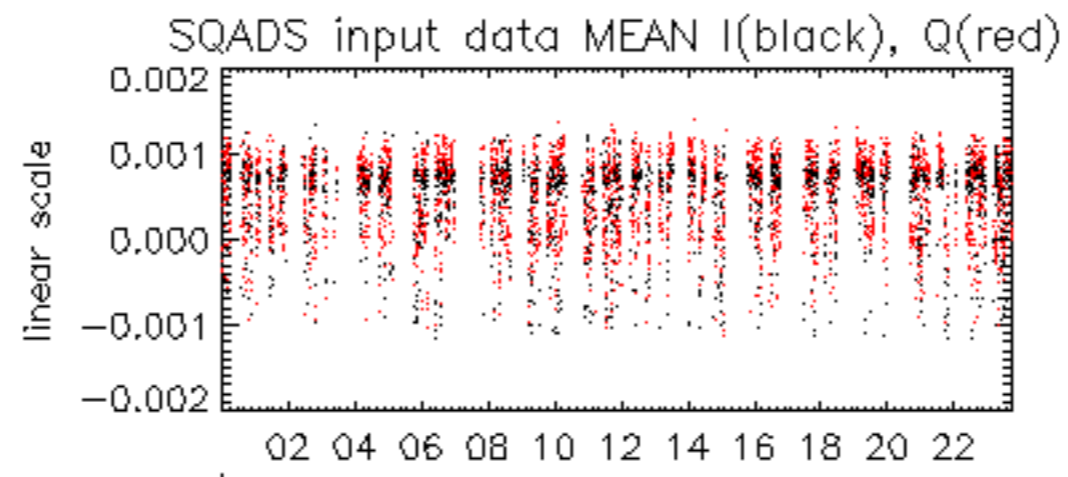


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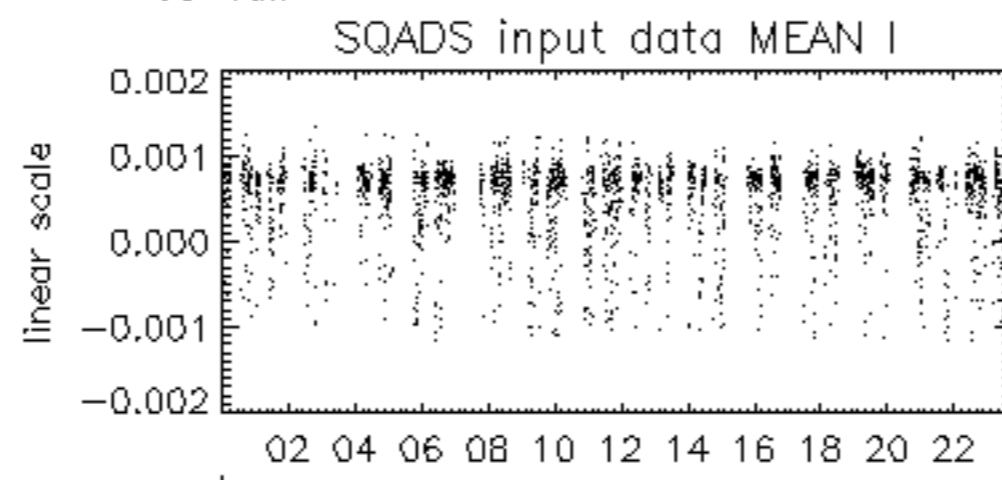


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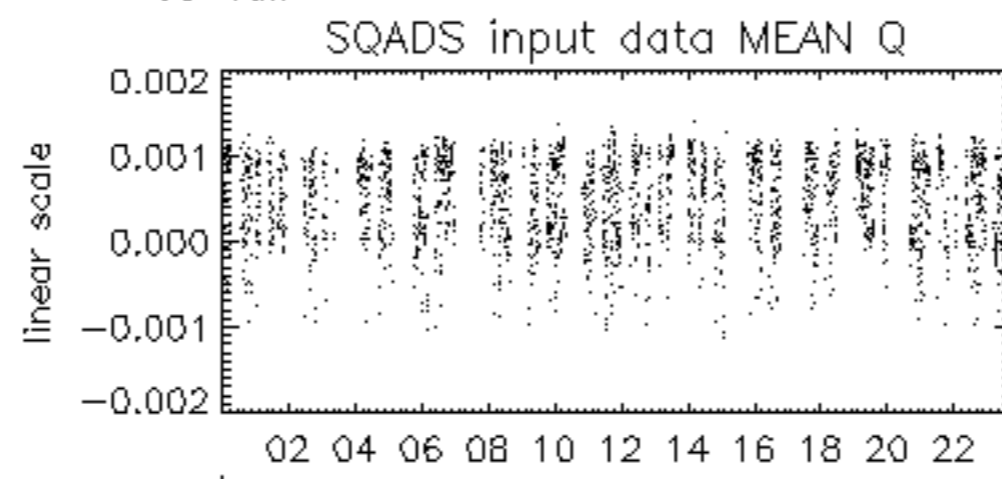




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