Analysis from 19-JAN-2011 00:00:00 to 19-JAN-2011 23:59:59. Page generated on 20-JAN-2011 07:32:18.
View log file: ASAR_Daily_Report_20110120_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

[BACK TO MENU]

WVS			
Center	Beam	Pol	#
PDE	IS1	V/V	5
PDE	IS2	V/V	31
PDK	IS2	V/V	22

GM1			
Center	Beam	Pol	#
PDE	WS	H/H	34
PDK	WS	H/H	44

APM			
Center	Beam	Pol	#

IMM			
Center	Beam	Pol	#
PDE	IS2	H/H	1
PDE	IS2	V/V	1
PDE	IS3	V/V	1
PDE	IS6	H/H	2
PDK	IS2	H/H	1
PDK	IS6	H/H	1

WSM			
Center	Beam	Pol	#
PDE	WS	H/H	26
PDE	WS	V/V	8
PDK	WS	H/H	16
PDK	WS	V/V	3

MS			
Center	Time	Pol	Modules
PDK	2011-01-19 08:24:55	H	320
PDK	2011-01-19 10:05:09	V	320

1.2 - Lists of products used

[BACK TO MENU]

[TXT] [XLS] List_WVS_products_used
[TXT] [XLS] List_GM1_products_used
[TXT] [XLS] List_IMM_products_used
[TXT] [XLS] List_WSM_products_used
[TXT] [XLS] List_MS_products_used

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2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[BACK TO MENU]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20101222_141422_20100317_120410_20141231_000000
ASA_INS_AXVIEC20101222_143805_20101022_000000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

2.2 - Products with wrong ADFs

[BACK TO MENU]

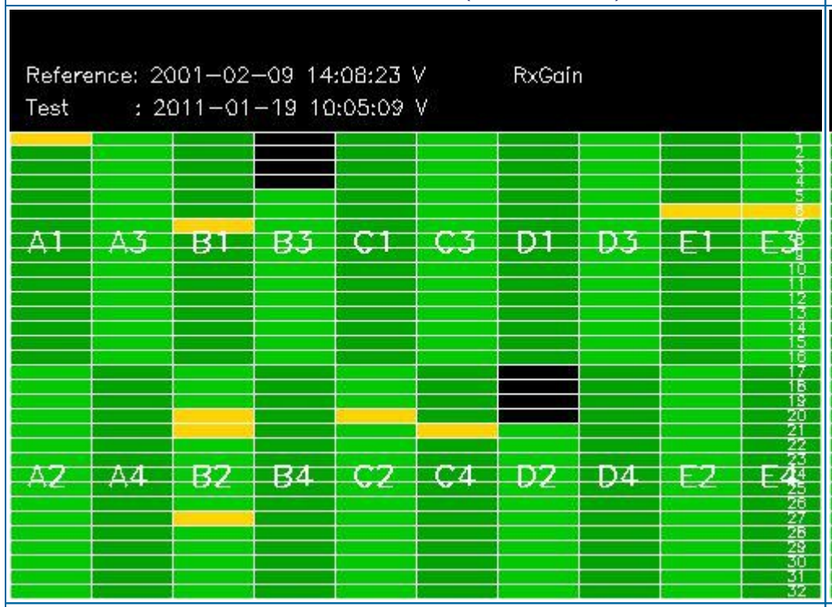
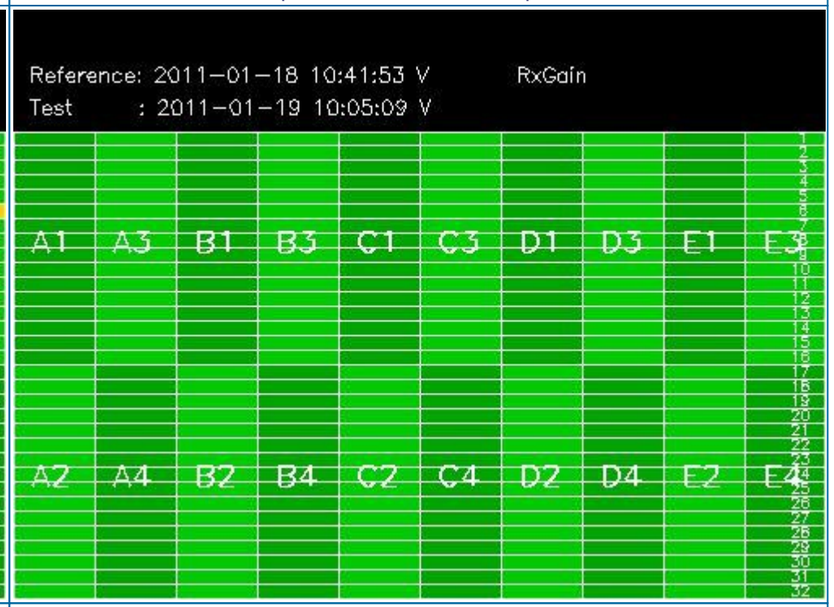
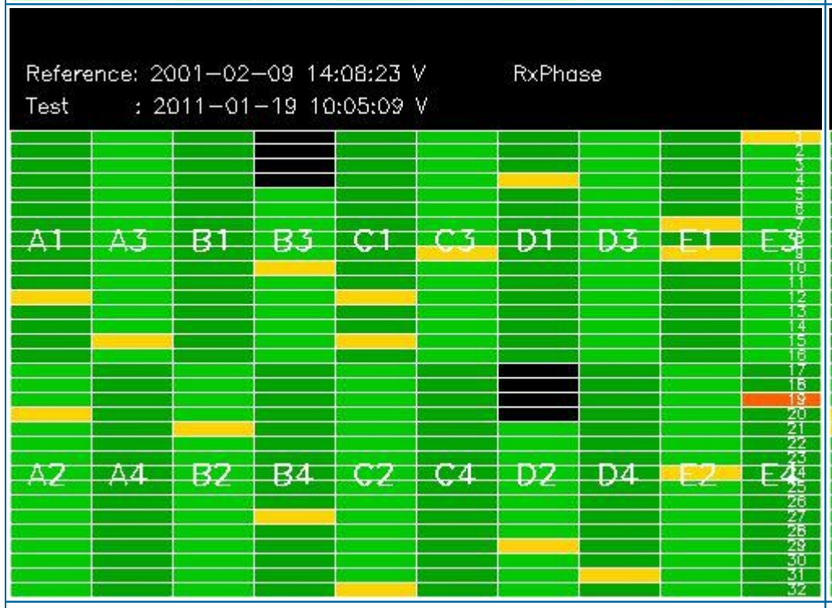
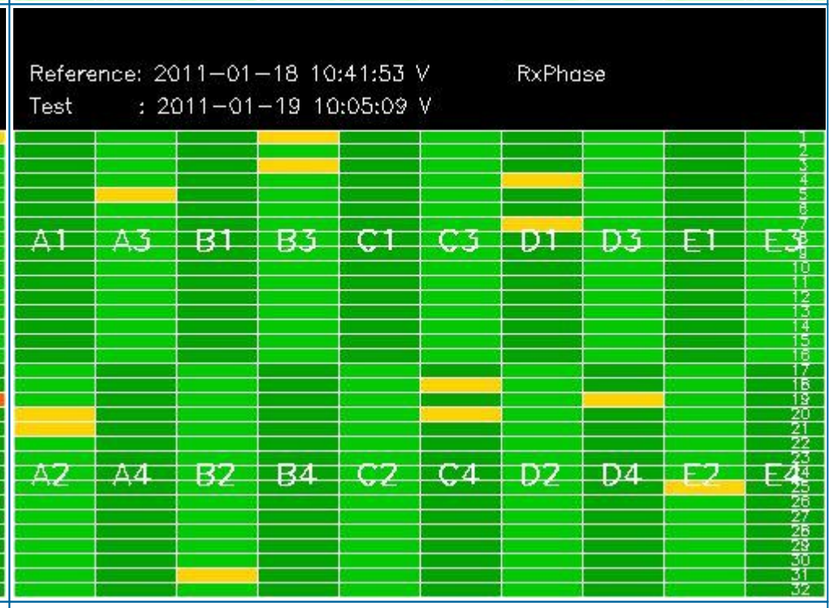
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

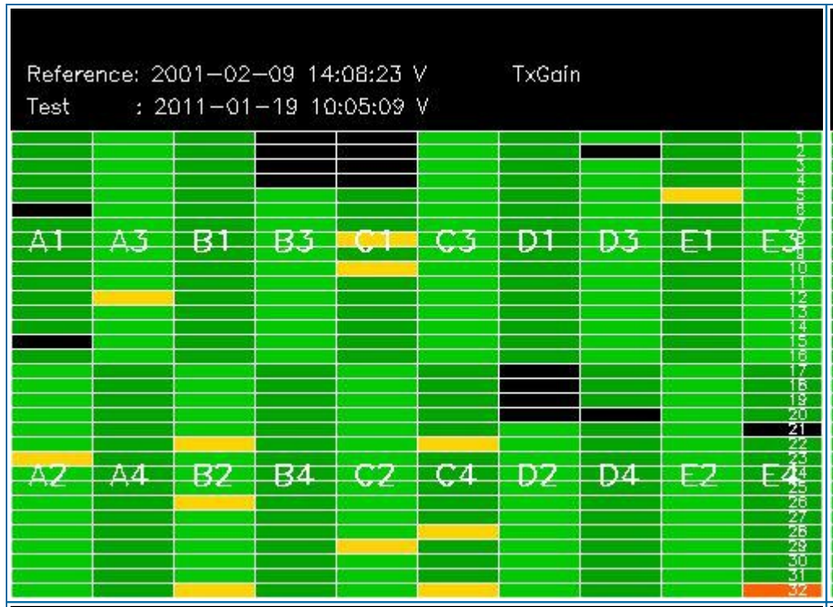
[TXT] [XLS] Check_ADFs_WVS
[TXT] [XLS] Check_ADFs_GM1
[TXT] [XLS] Check_ADFs_IMM
[TXT] [XLS] Check_ADFs_WSM

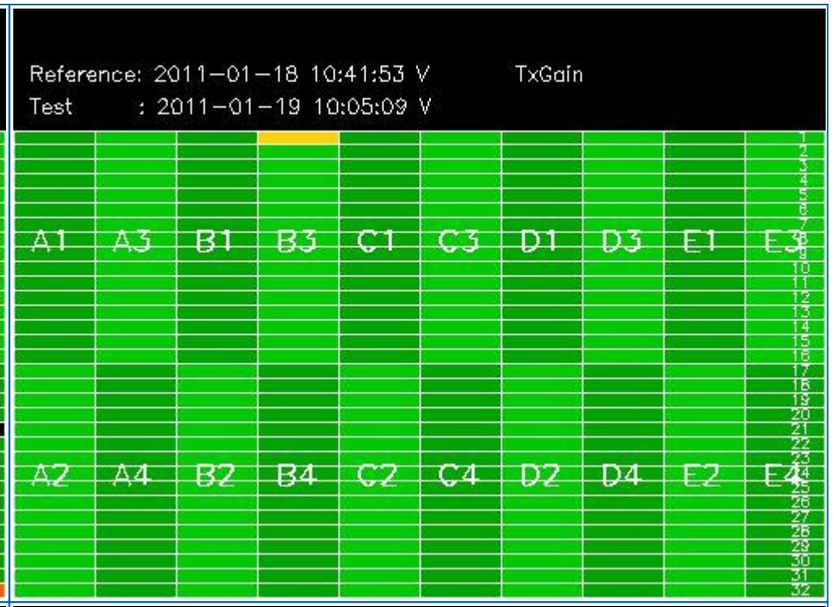
---

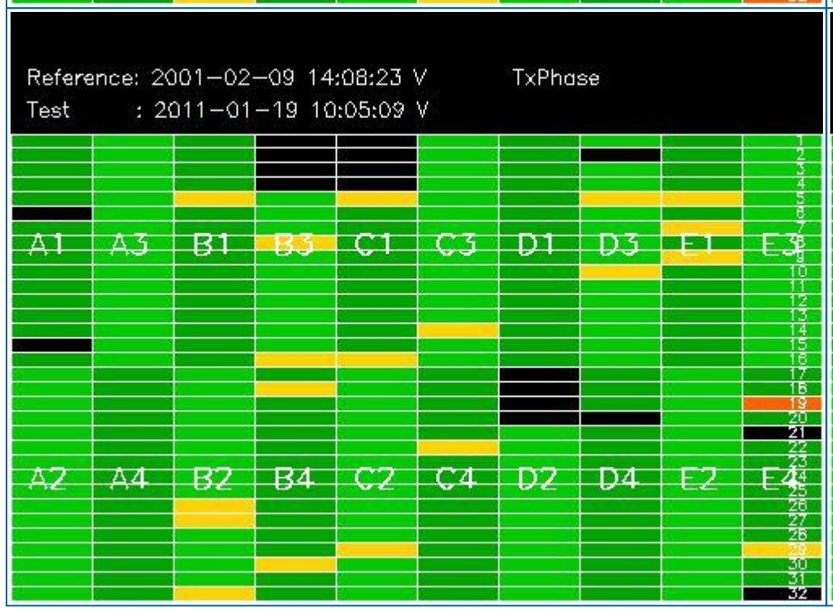
3 - MODULE STEPPING PRODUCTS ANALYSIS

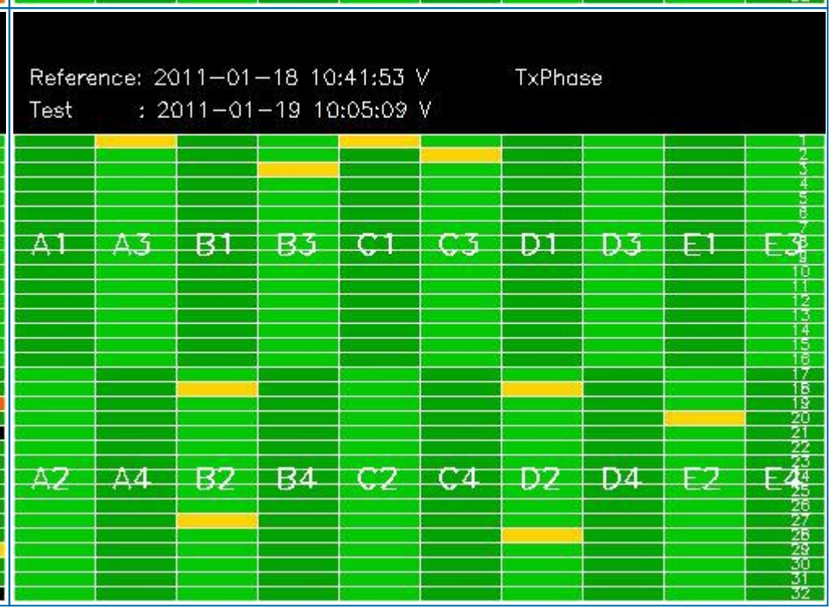
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE

Pre-launch reference (2001-02-09)	Previous product in the same polarisation
	
	





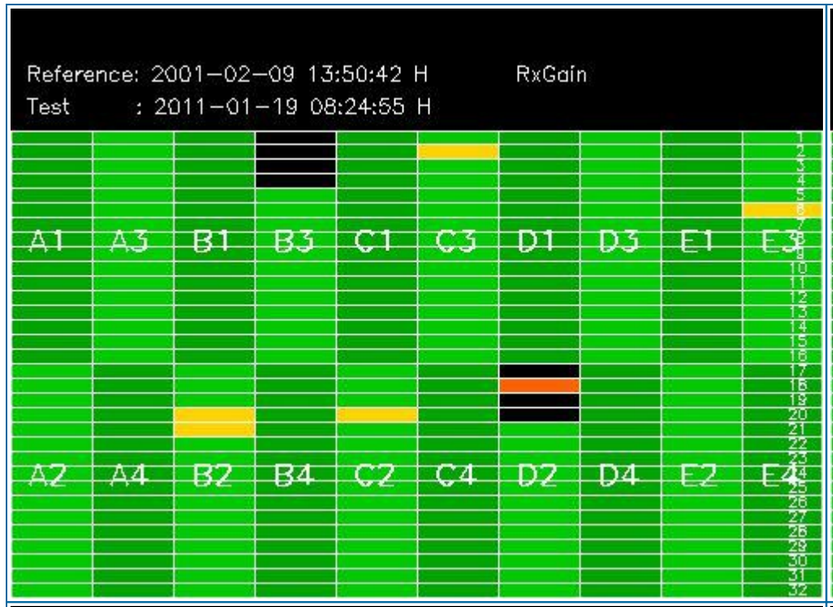


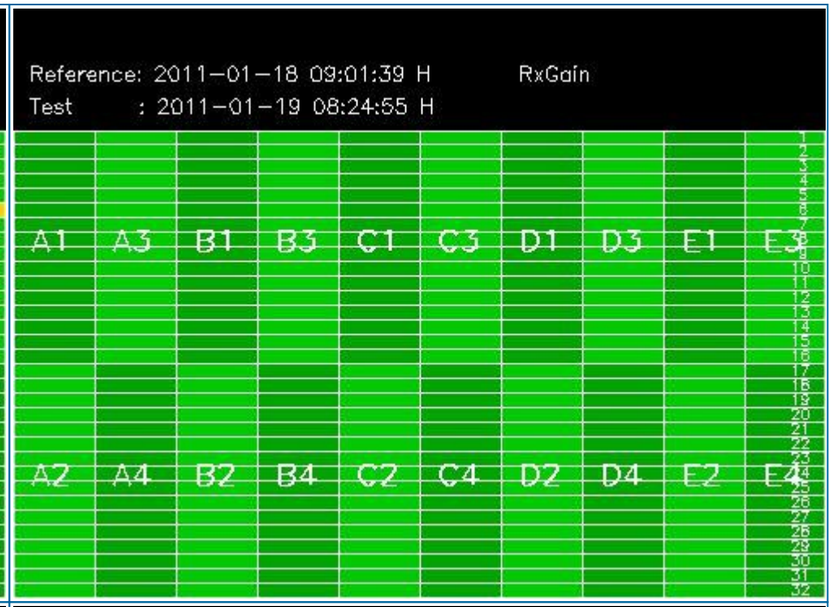


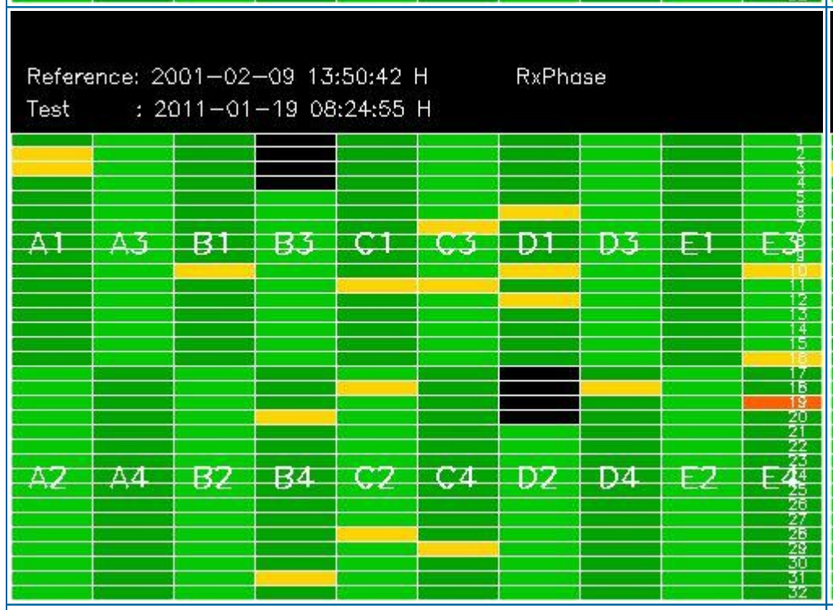
3.2 - H/H polarisation

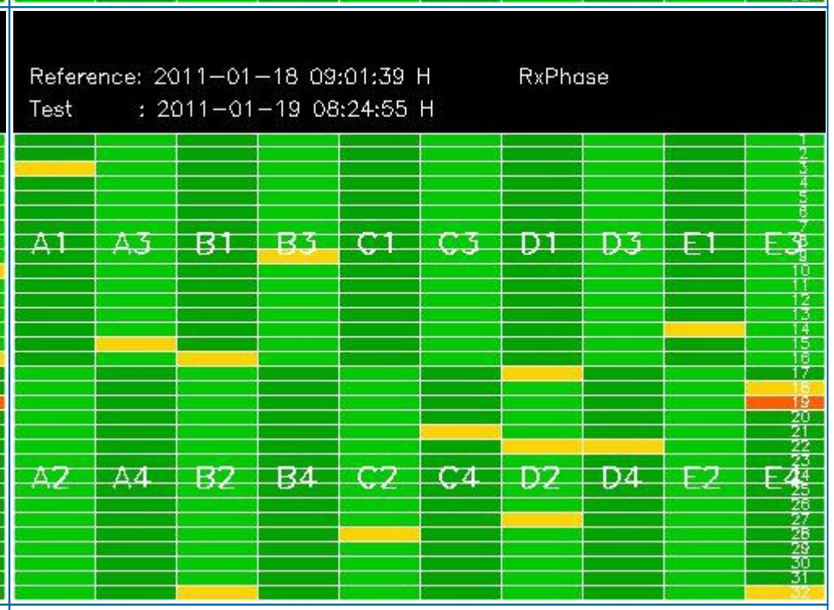
[BACK TO MENU]

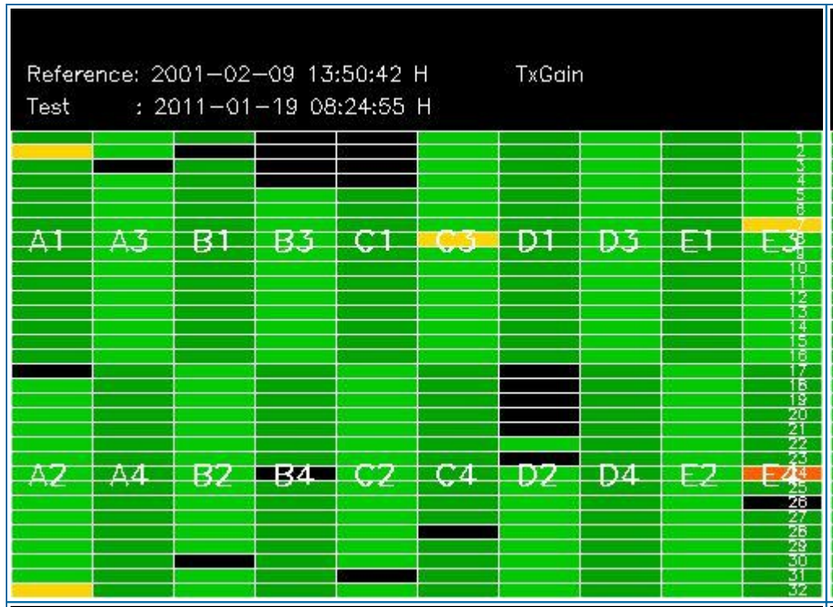
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

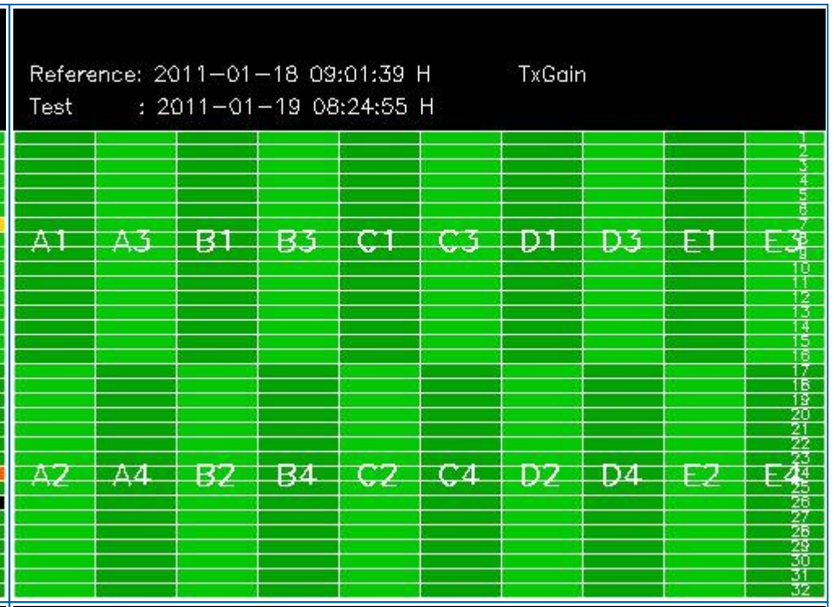

Reference: 2001-02-09 13:50:42 H
Test : 2011-01-19 08:24:55 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

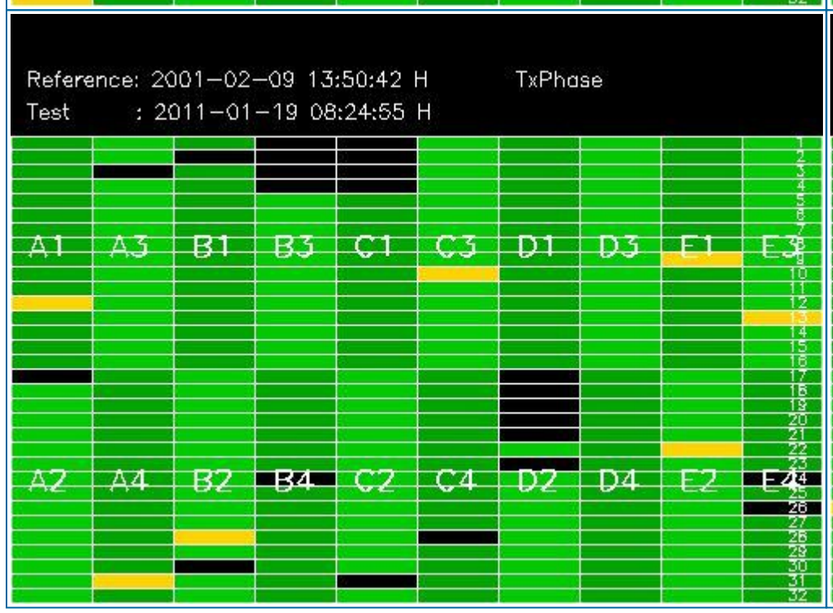

Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

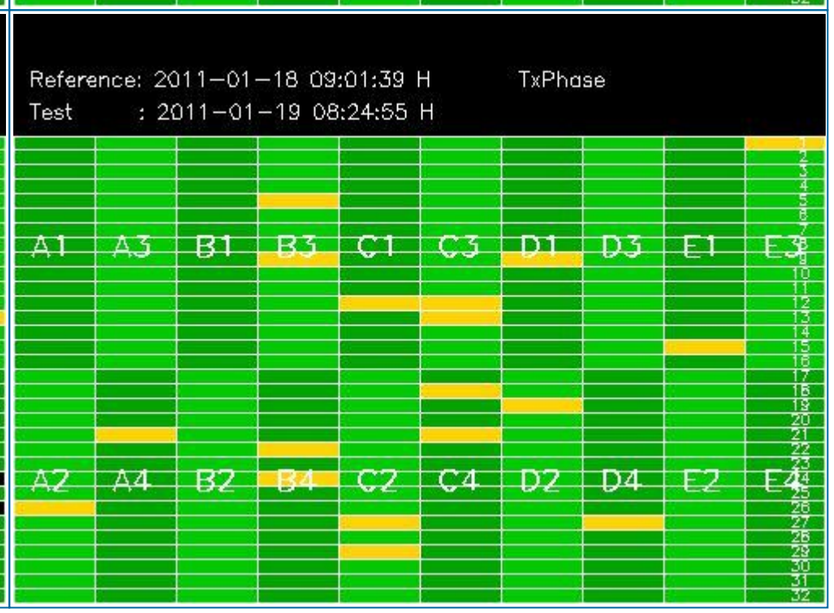

Reference: 2001-02-09 13:50:42 H
Test : 2011-01-19 08:24:55 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4


Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4









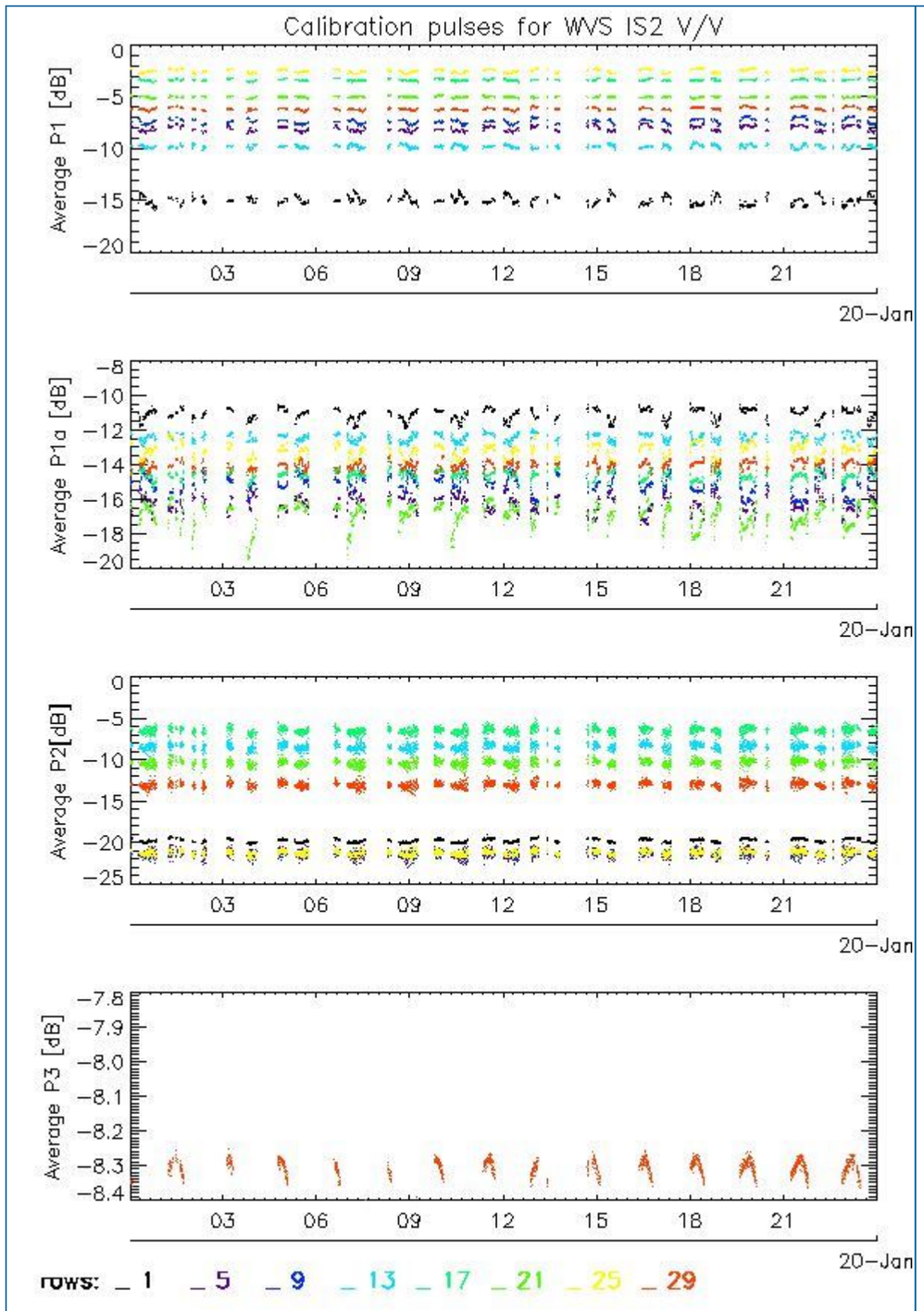
4 - CALIBRATION PULSES ANALYSIS

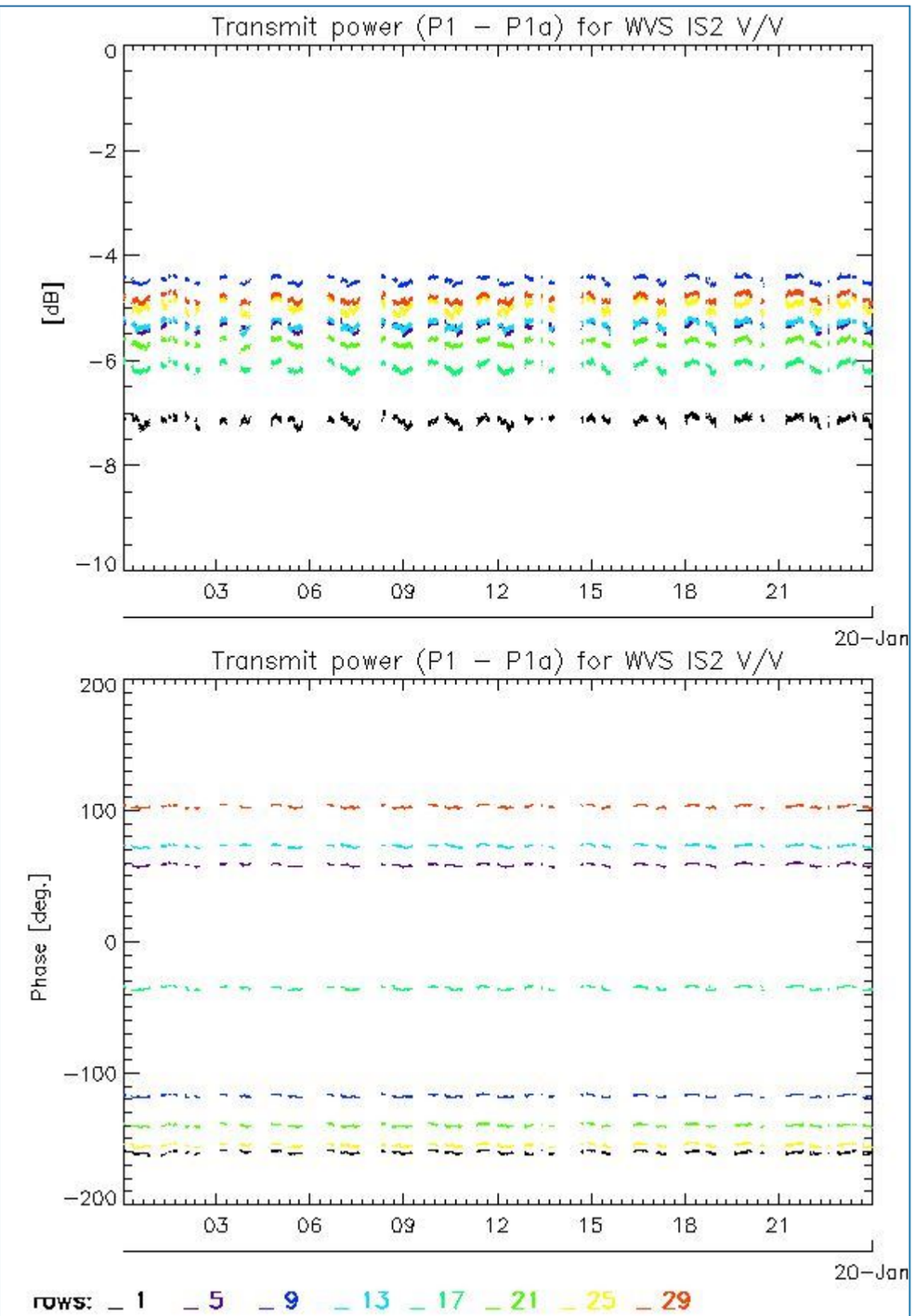
4.1 - Analysis for WVS IS2 V/V

4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

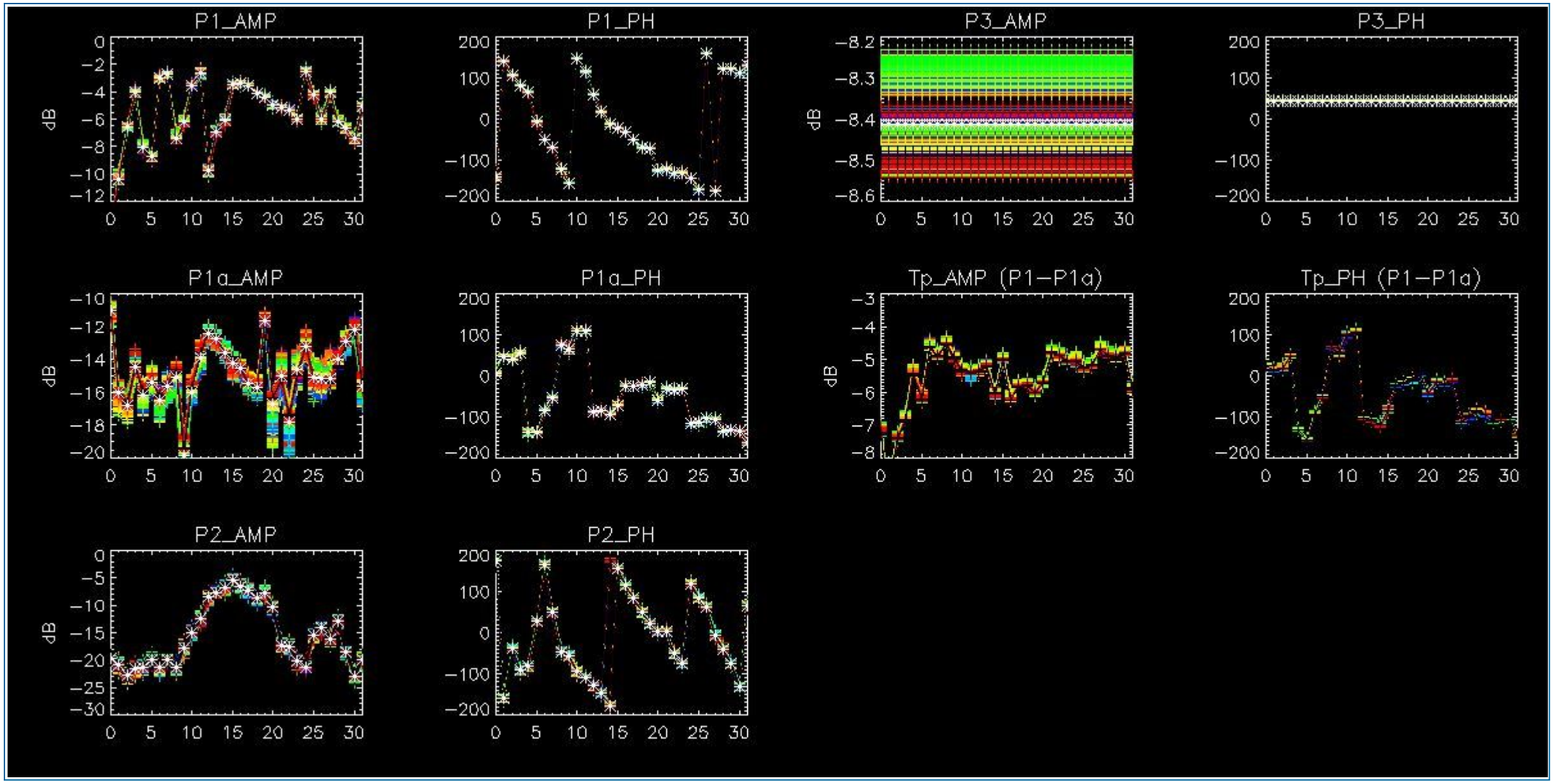
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





4.1.2 - **All Rows Analysis for WVS IS2 V/V**

[BACK TO MENU]

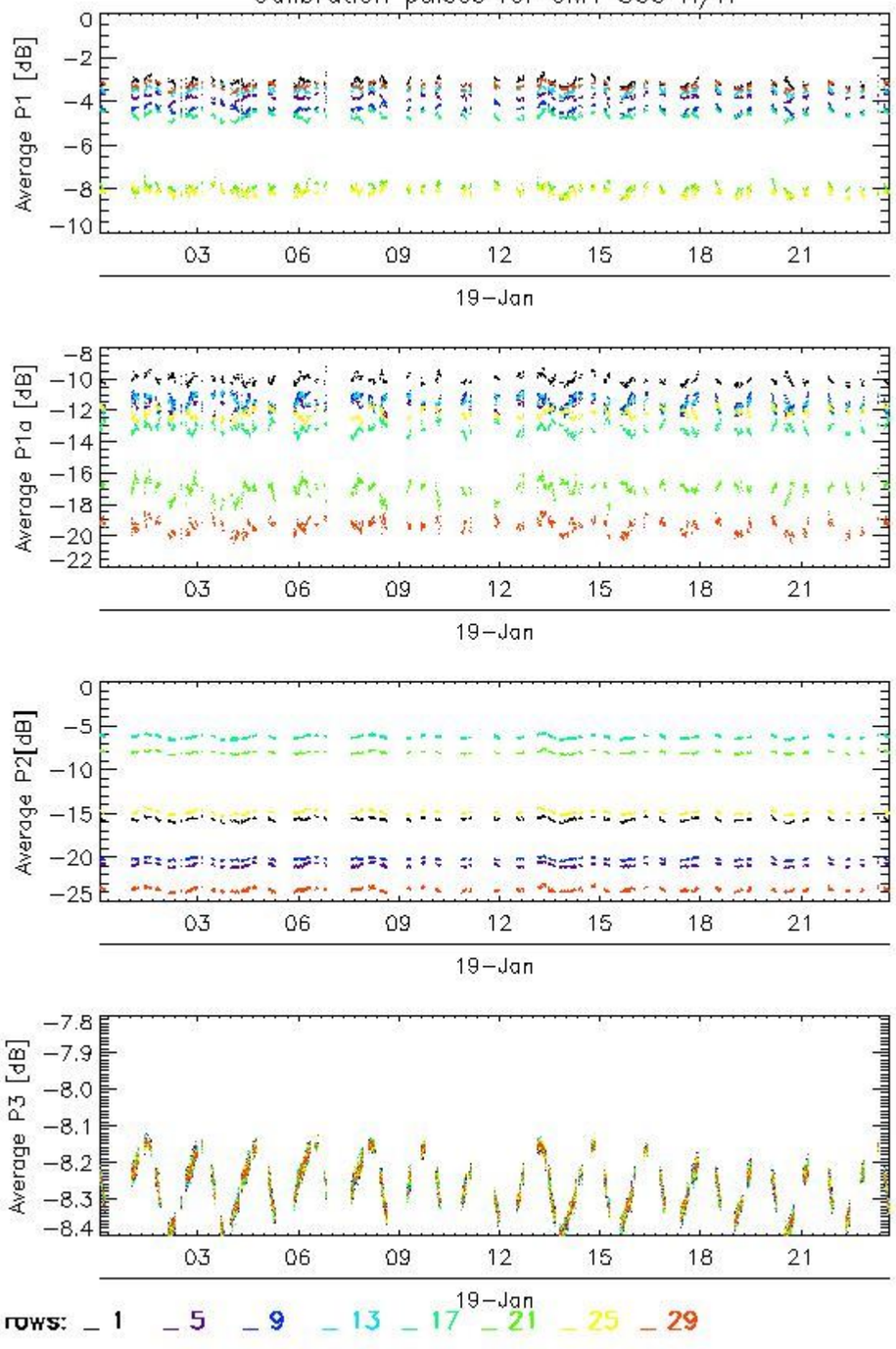


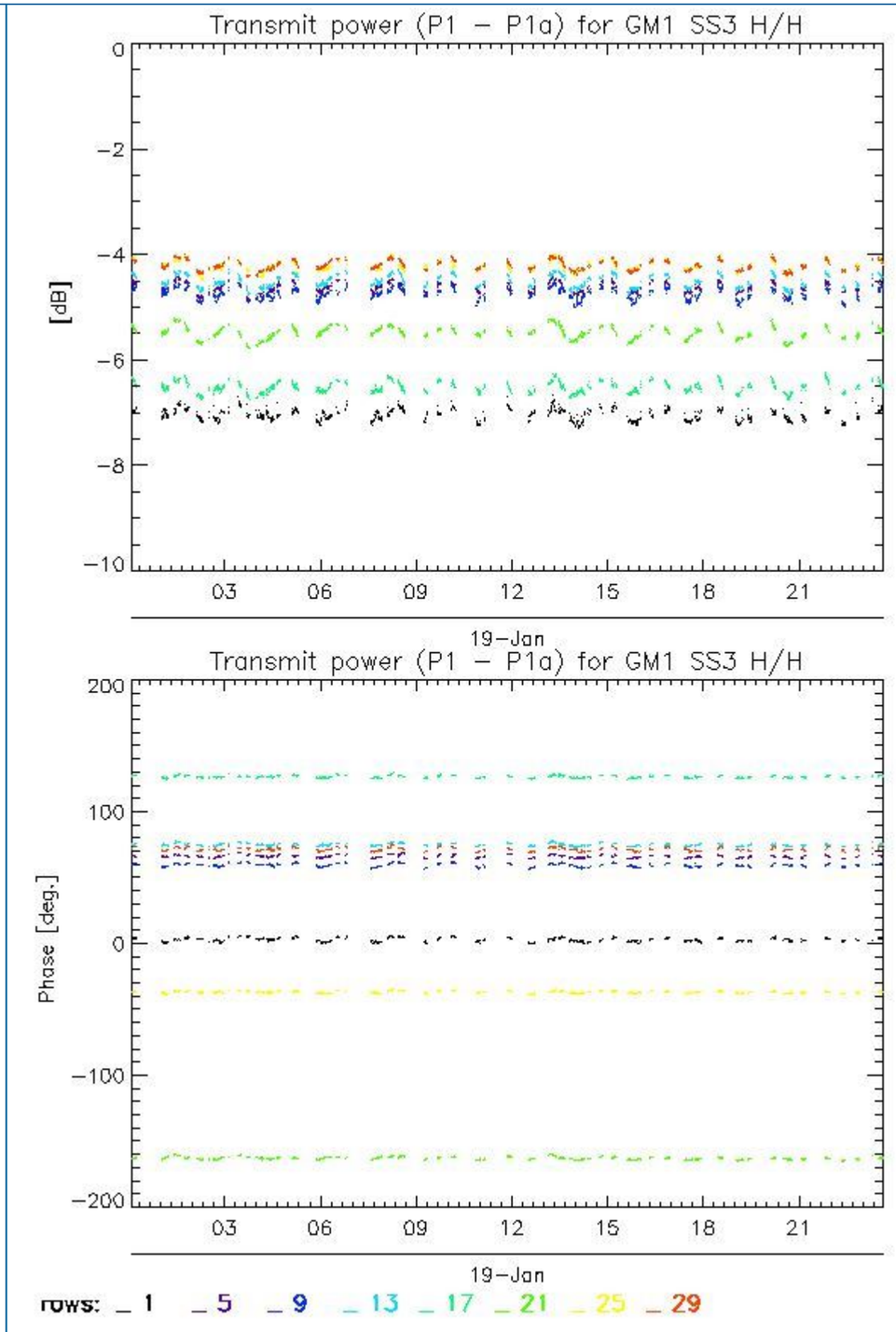
4.2 - Analysis for GM1 SS3 H/H

4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

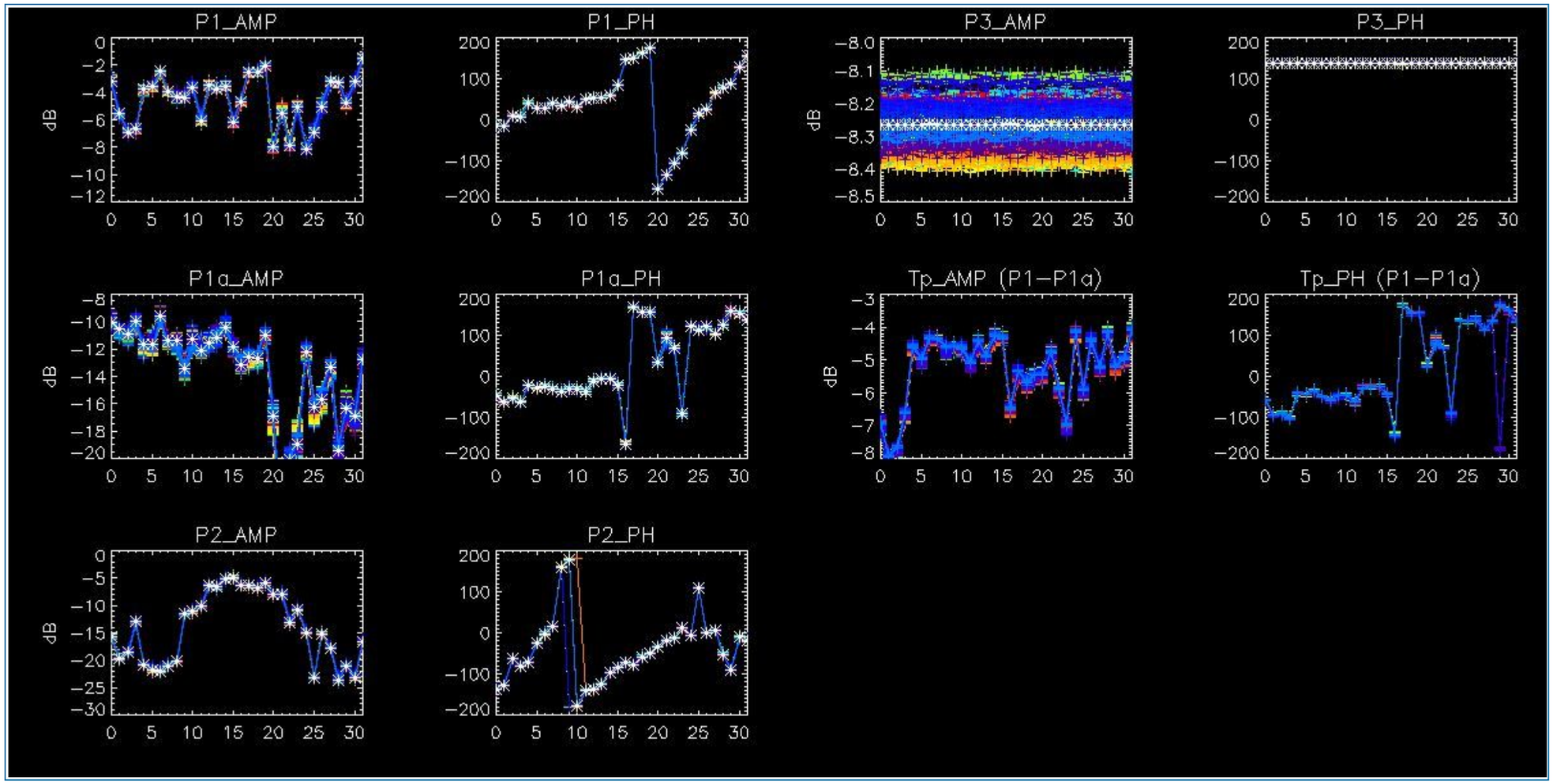
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





4.2.2 - **All Rows Analysis for GM1 SS3 H/H**

[BACK TO MENU]

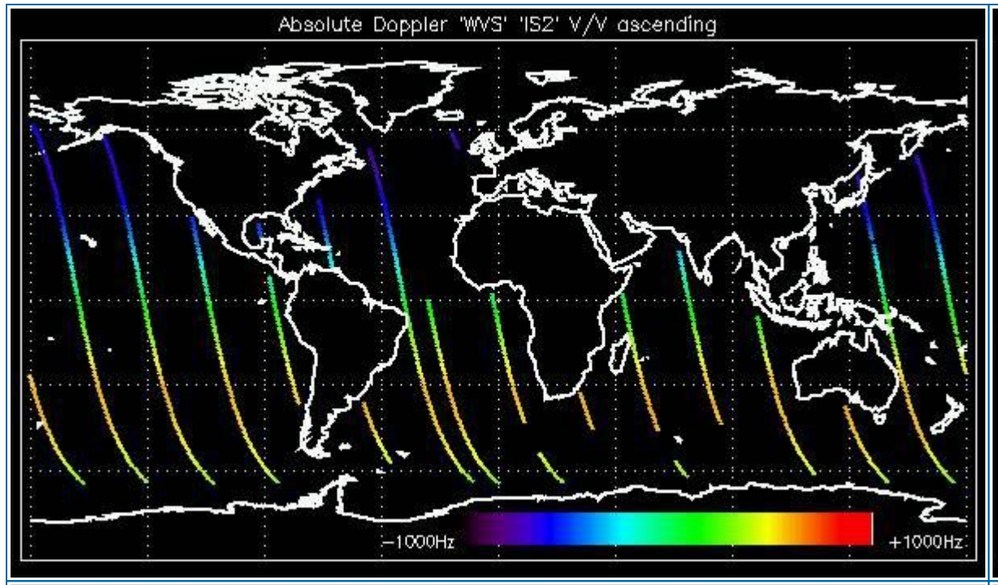


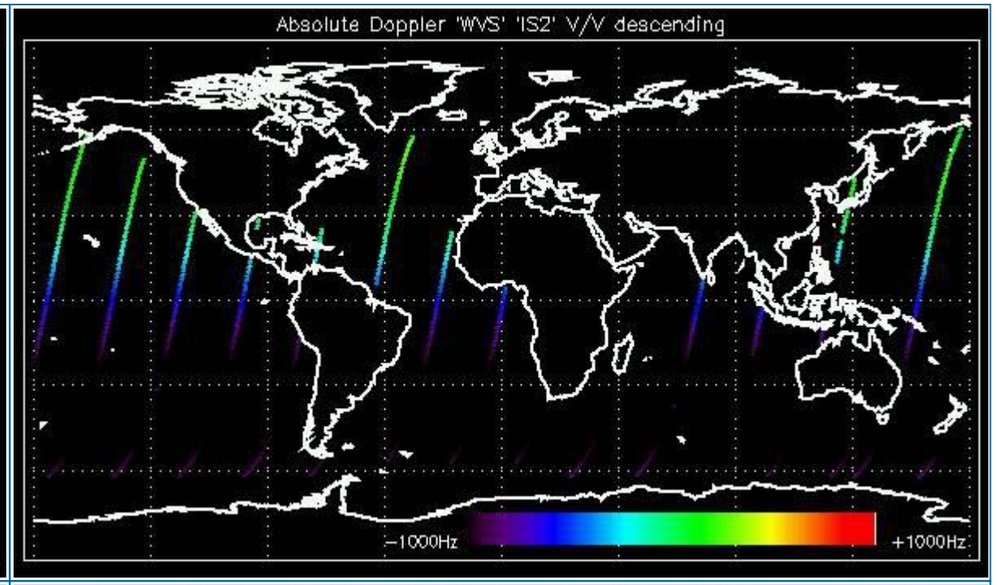
5 - DOPPLER ANALYSIS

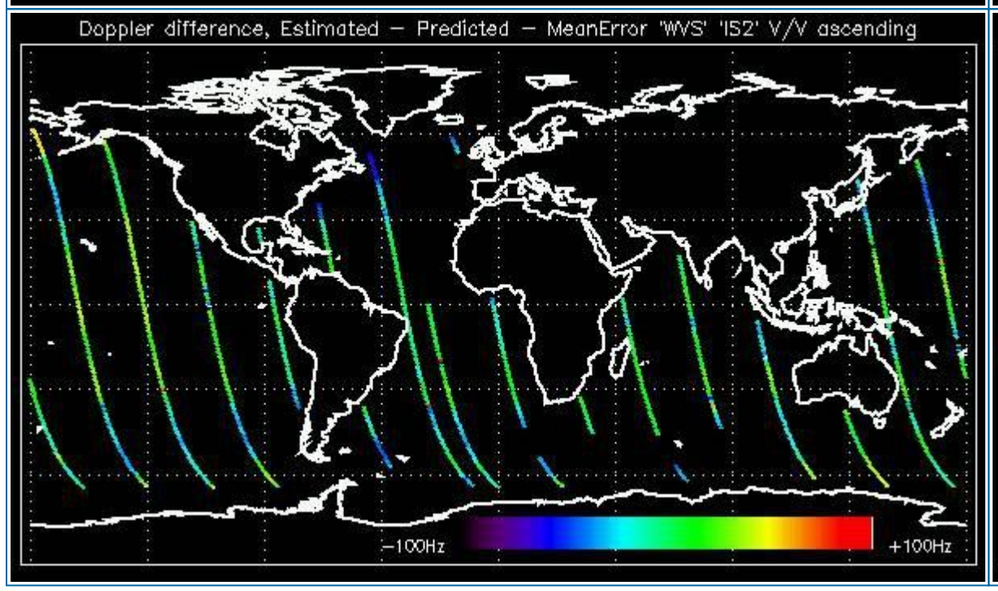
5.1 - Analysis for WVS IS2 V/V

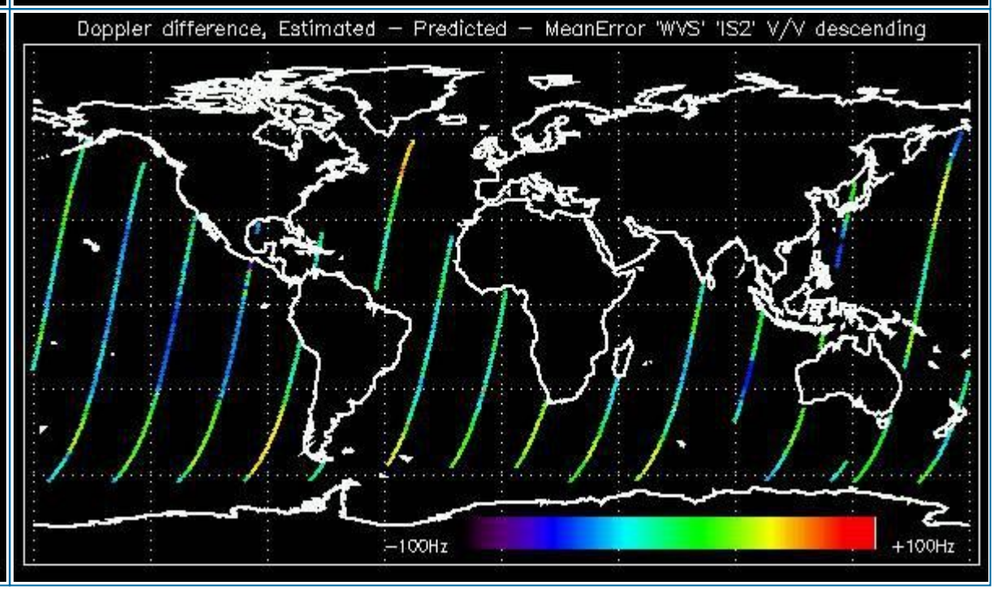
5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[BACK TO MENU]



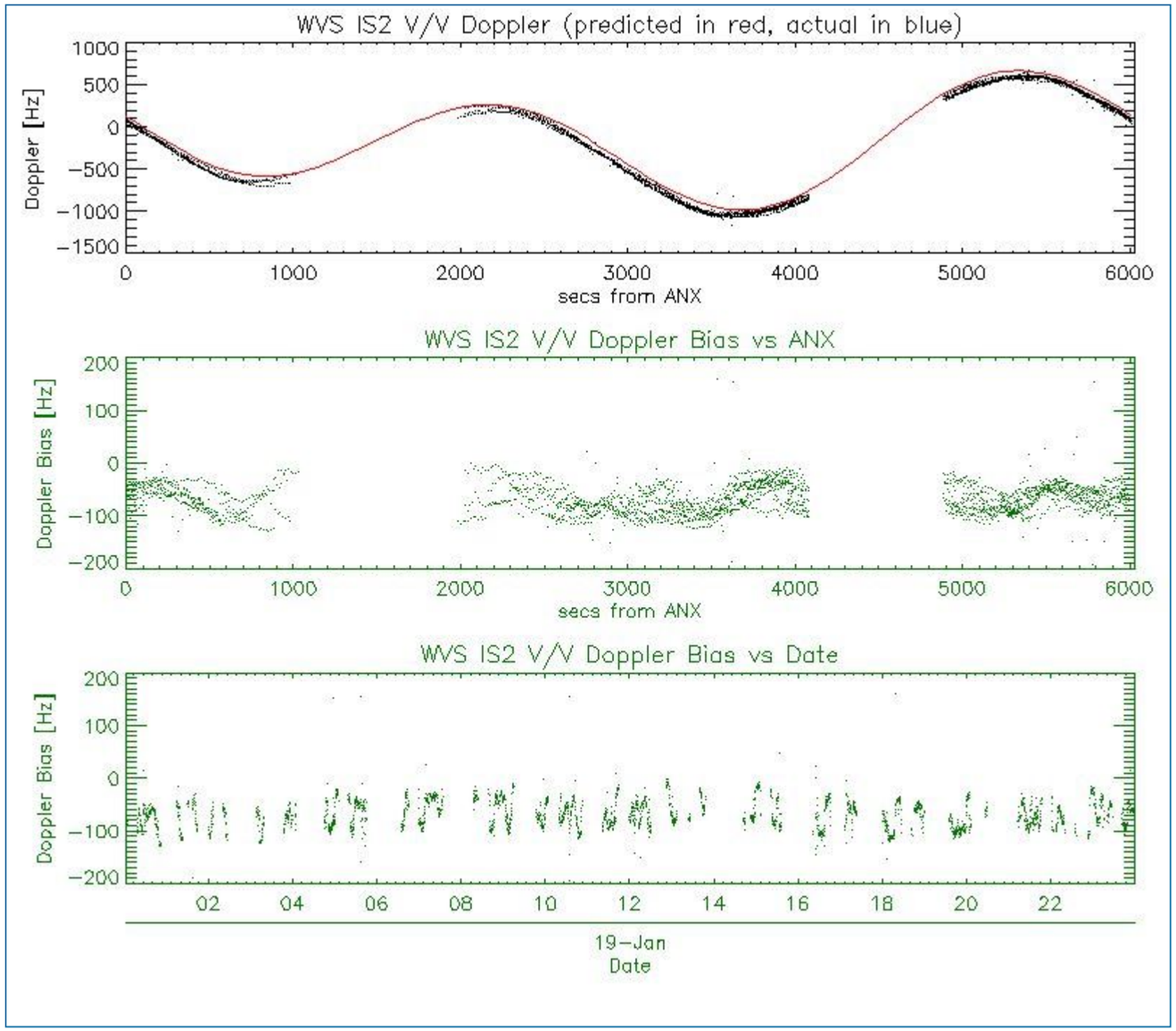






5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

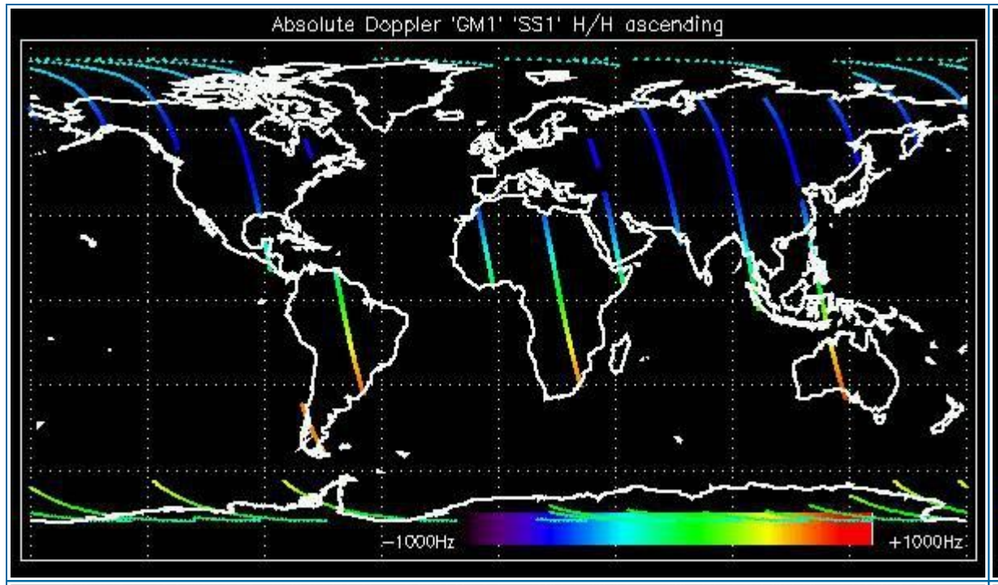
[BACK TO MENU]

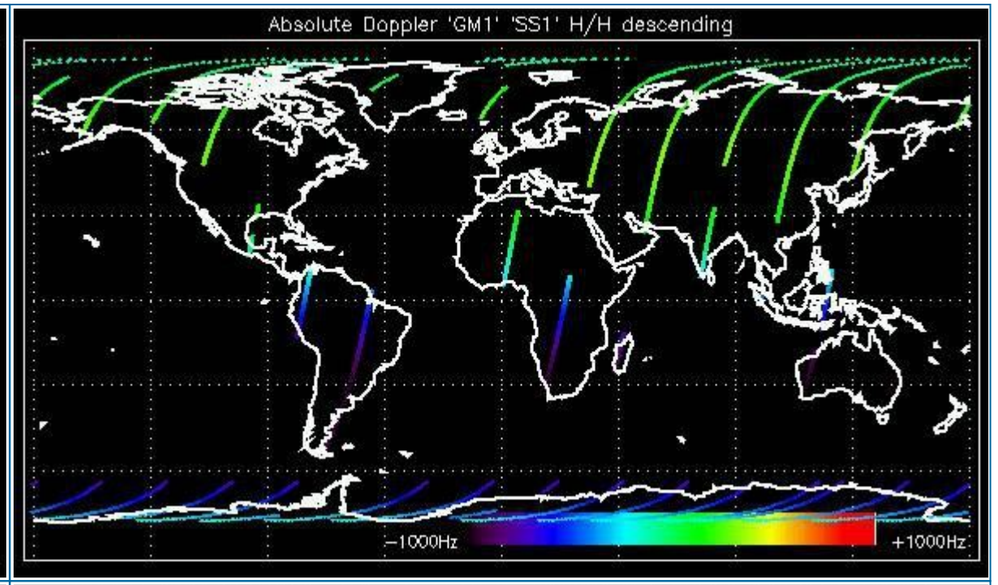


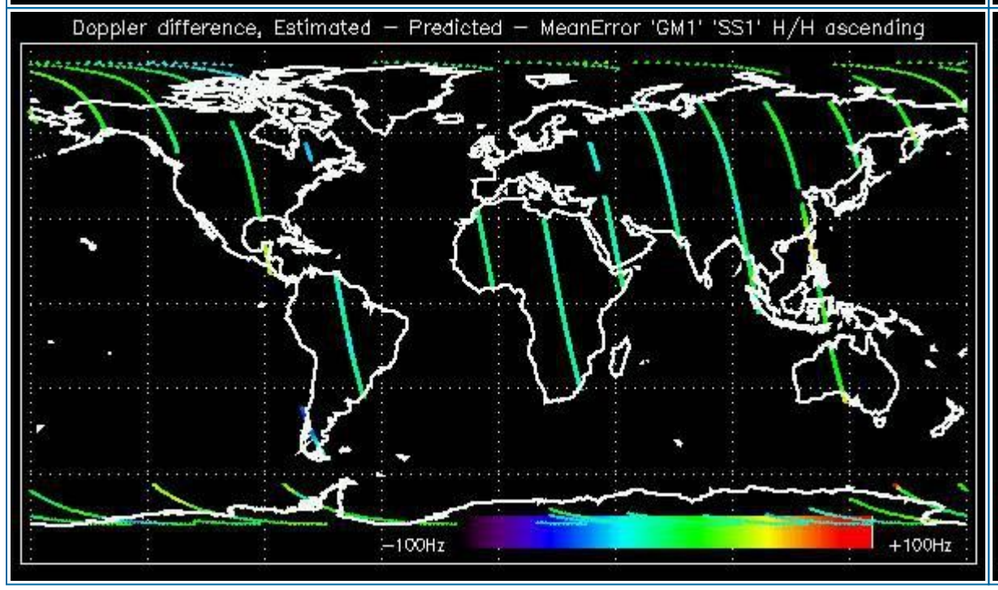
5.2 - Analysis for GM1 SS1 H/H

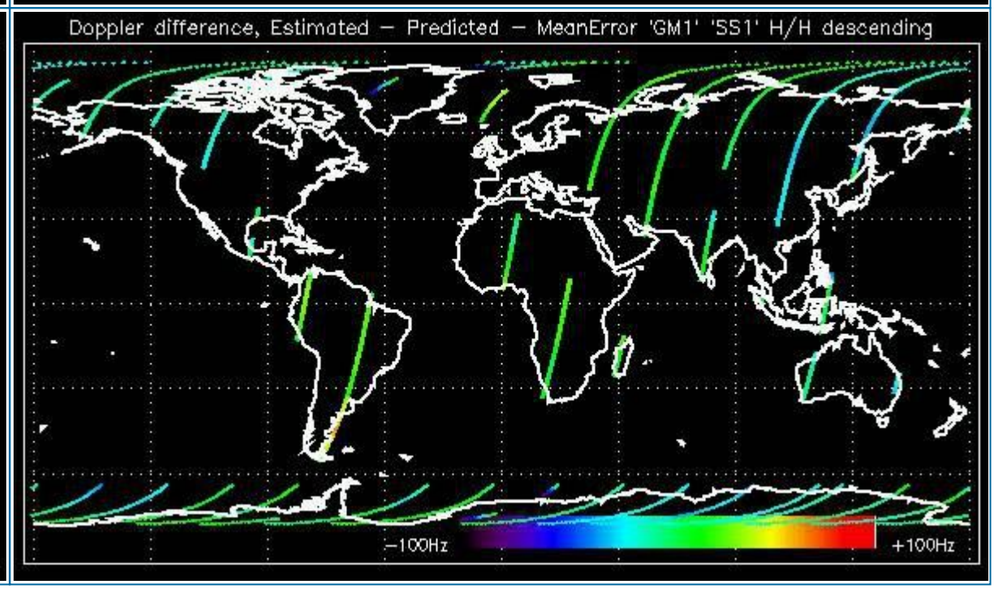
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]



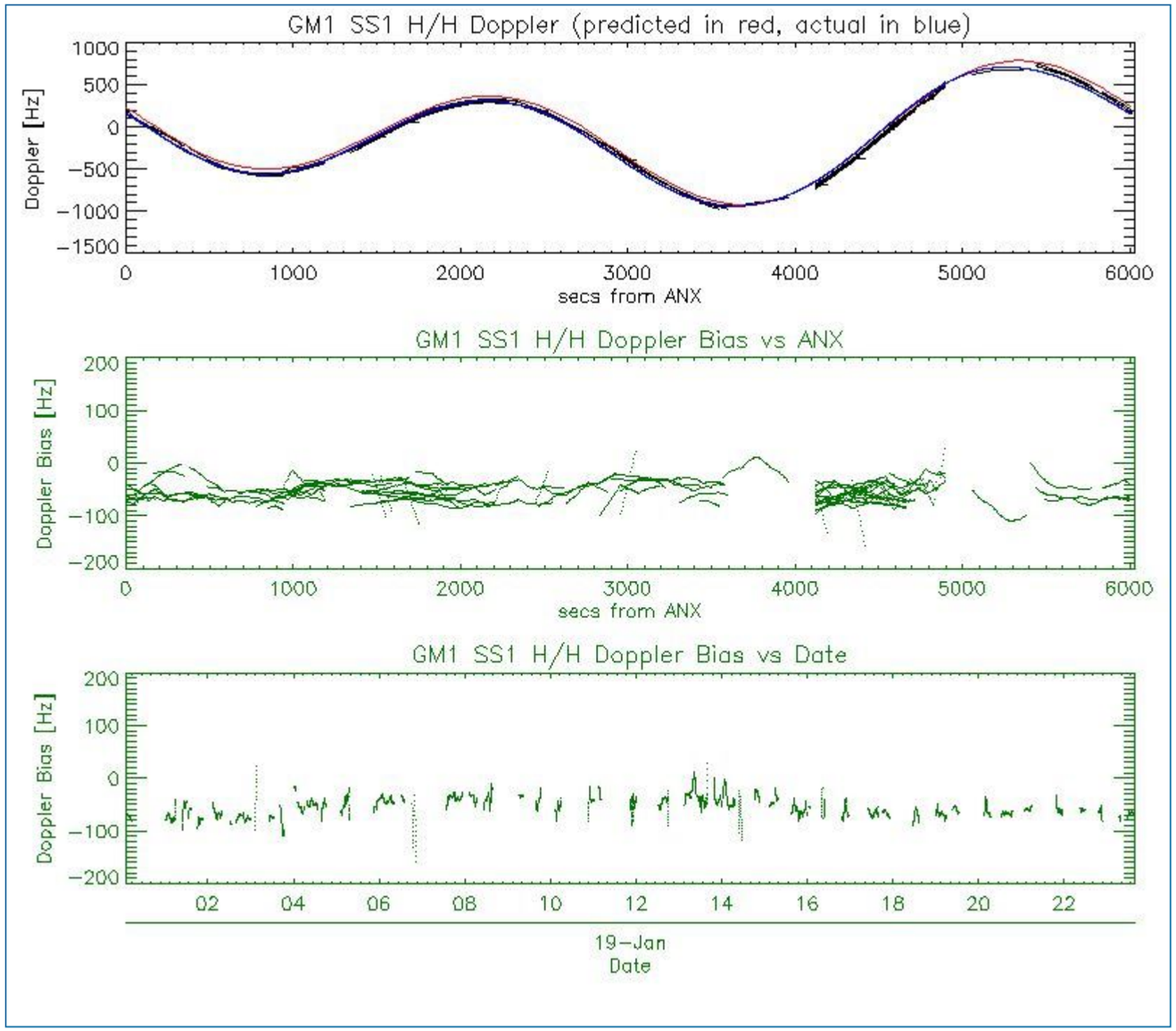






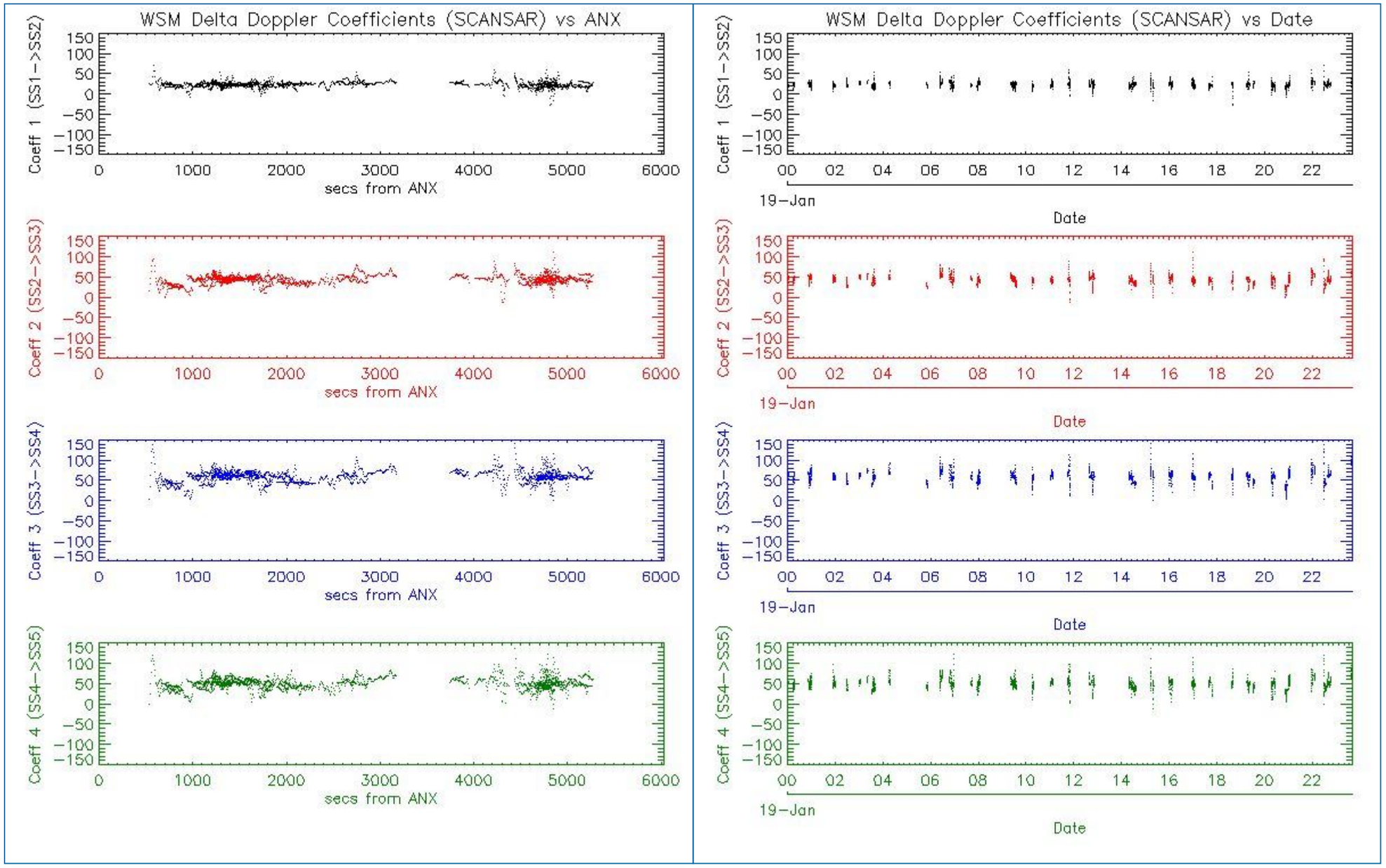
5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[BACK TO MENU]



5.3 - **Doppler JUMPS Analysis for WSM**

[BACK TO MENU]

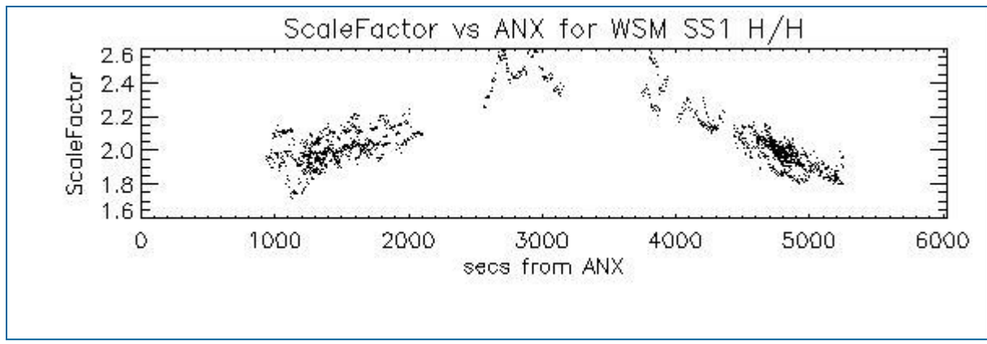


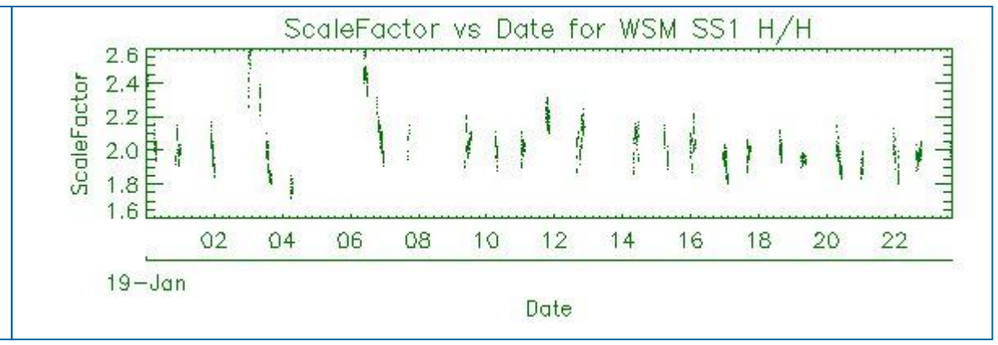
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

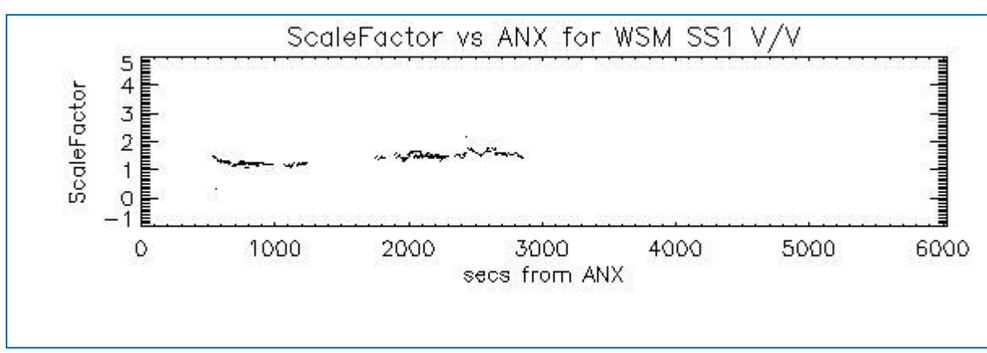


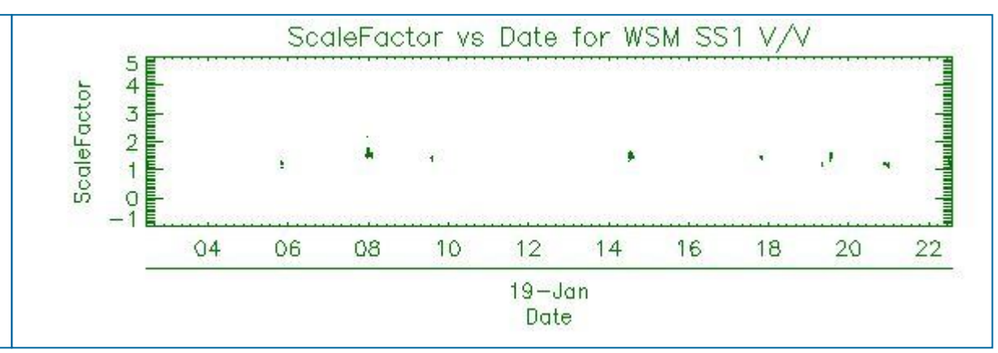


6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[BACK TO MENU]

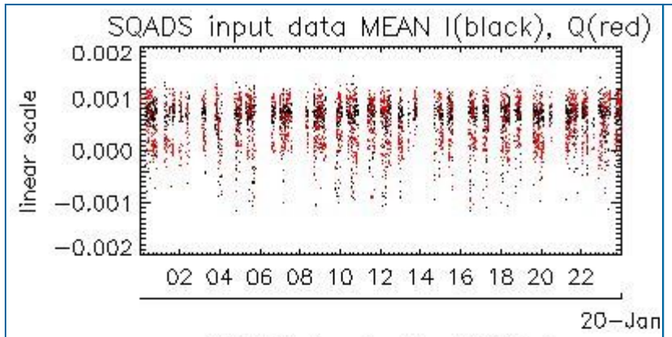


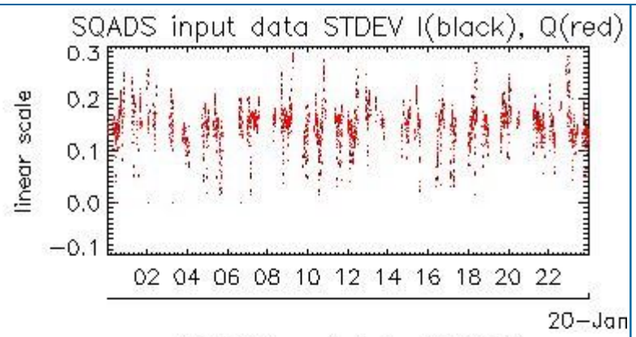


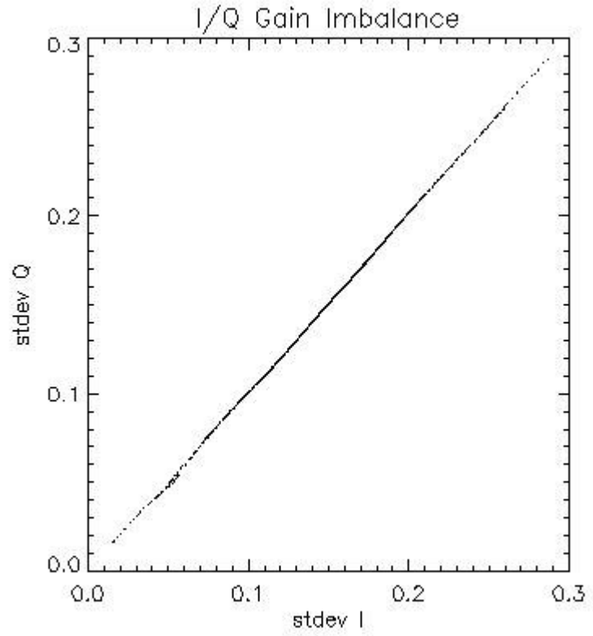
7 - RAW DATA ANALYSIS

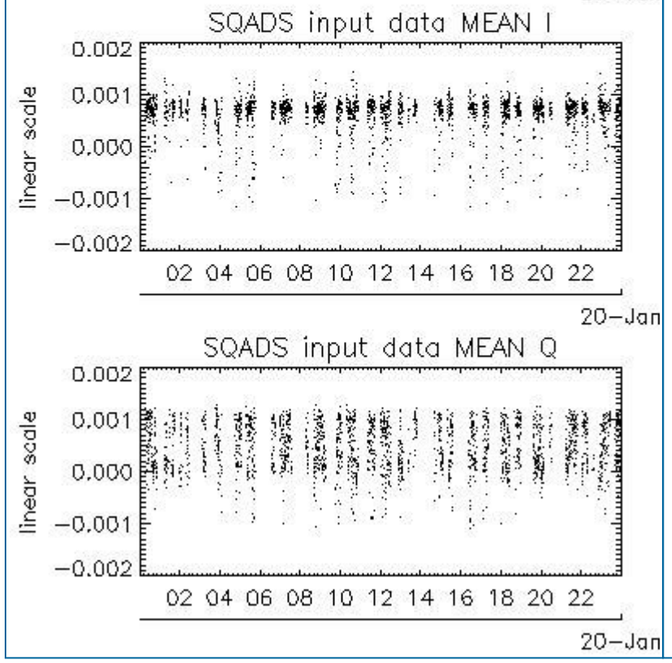
7.1 - Analysis for WVS

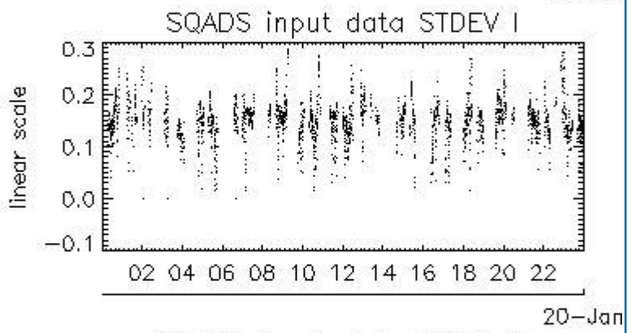
[BACK TO MENU]

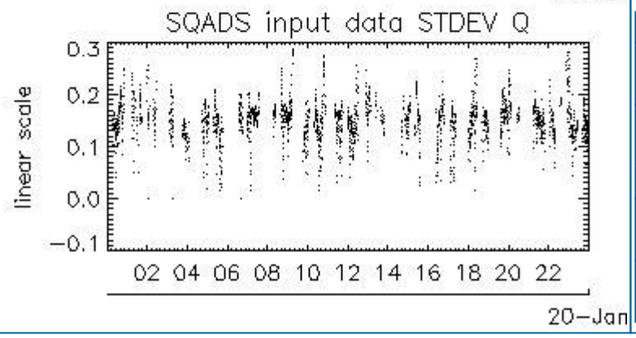








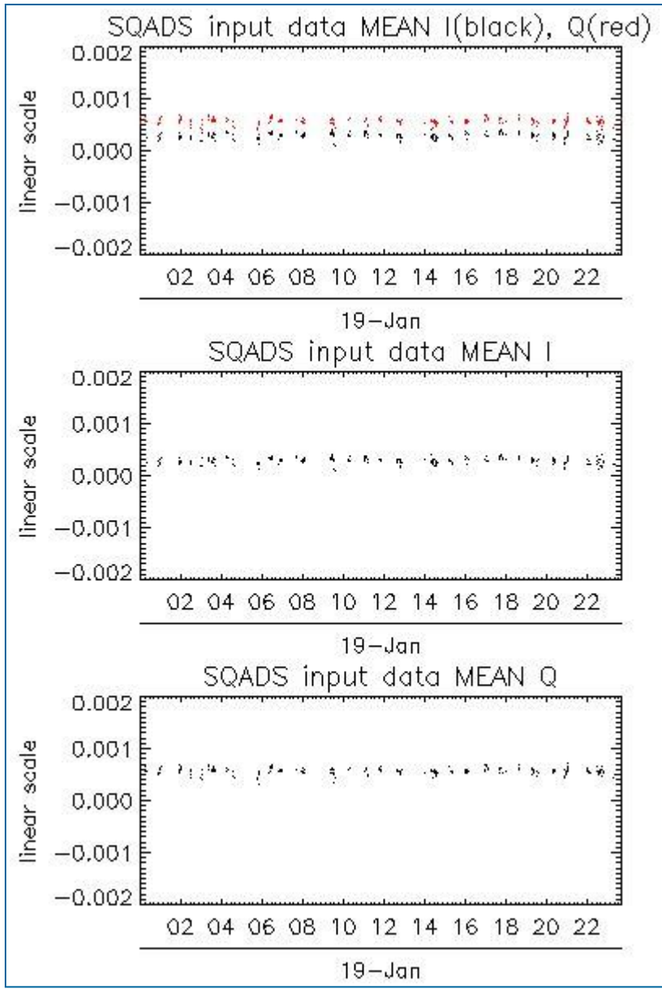


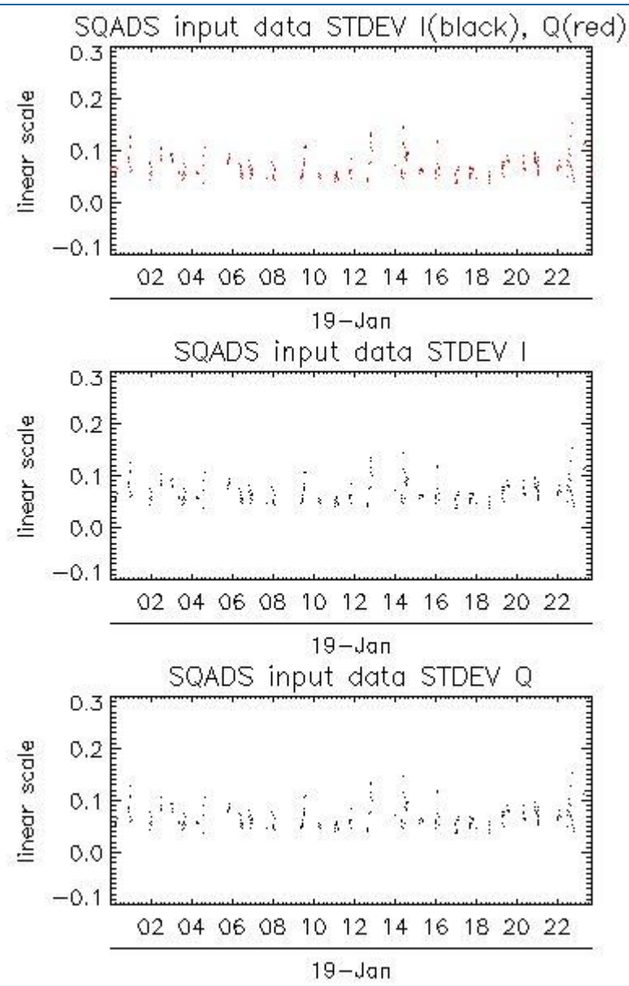


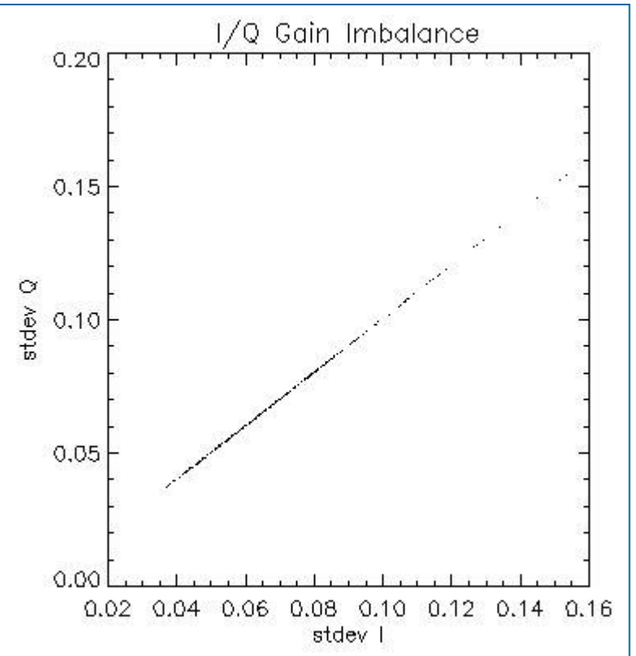
Channel	Statistics	DSS-B
MEAN I	mean	0.000628835
	stdev	1.17734e-07
MEAN Q	mean	0.000499181
	stdev	2.09575e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.149475
	stdev	0.00145106
STDEV Q	mean	0.150010
	stdev	0.00147808

7.2 - Analysis for IMM

[BACK TO MENU]





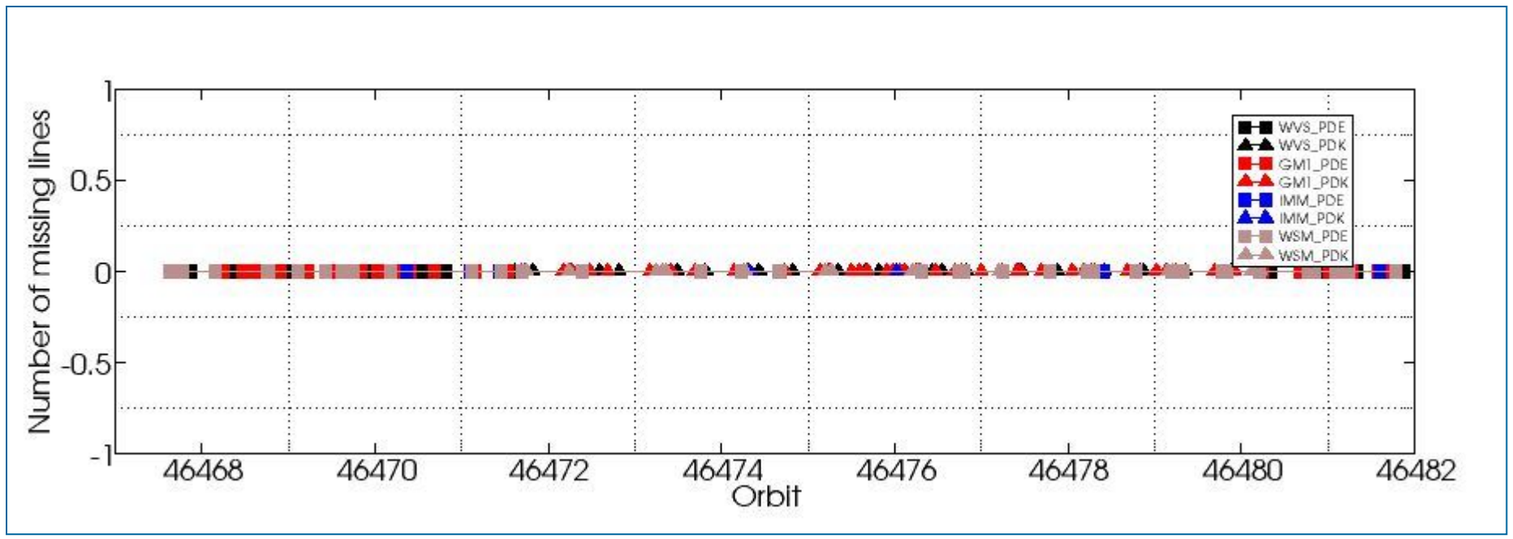


Channel	Statistics	DSS-B
MEAN I	mean	0.000289264
	stdev	3.38702e-09
MEAN Q	mean	0.000569927
	stdev	3.60302e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0689383
	stdev	0.000464270
STDEV Q	mean	0.0692530
	stdev	0.000470619

8 - TELEMETRY ANALYSIS

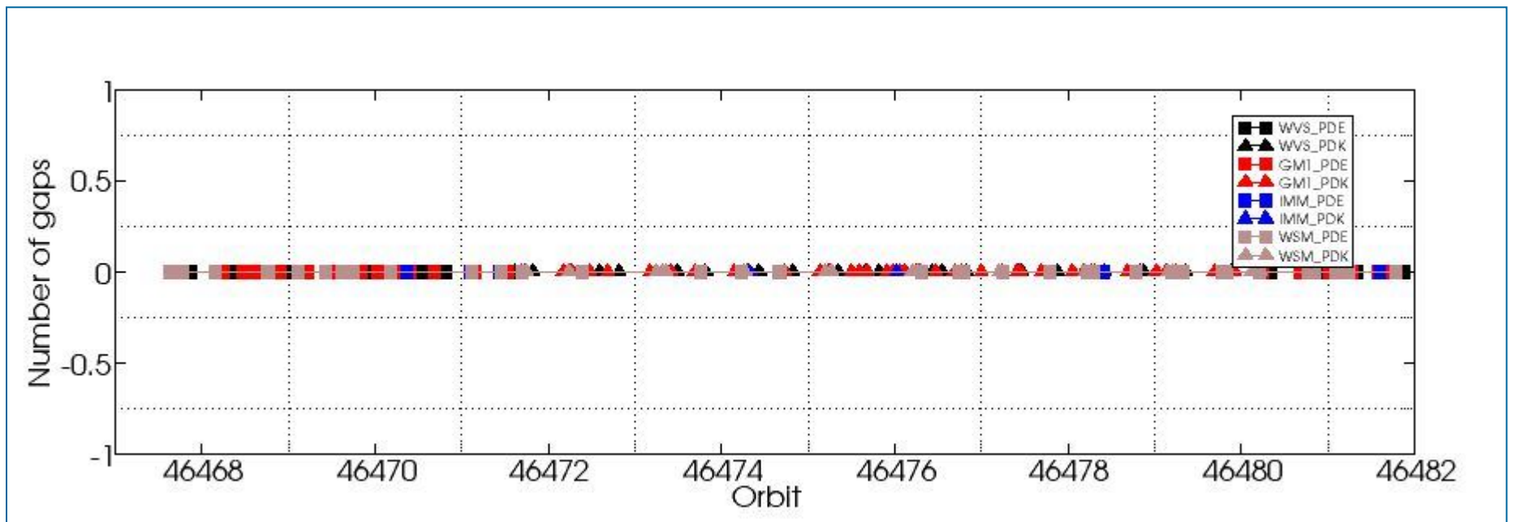
8.1 - Number of Missing lines

[BACK TO MENU]



8.2 - **Number of Gaps**

[BACK TO MENU]



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```
######################################################################
ASAR DAILY REPORT for 110119
######################################################################

MODE: DAILY
ANALYSIS: ALL
DATE: 2011-01-19 00:00:00

Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/


DATA SUMMARY
######################################################################
Summary will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_110119/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/Data_summary.html...

**************************************************
Getting WVS products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_WVS_products_used.txt...

**************************************************
Getting GM1 products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_GM1_products_used.txt...

**************************************************
Getting APM products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_APM_products_used.txt...

**************************************************
Getting IMM products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_IMM_products_used.txt...

**************************************************
Getting WSM products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_WSM_products_used.txt...

**************************************************
Getting MS products list from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_110119/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
######################################################################




AUXILIARY FILES ANALYSIS
######################################################################
Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/AUXILIARY

Creating directory ./RESULTS/DAILY/_110119/AUXILIARY...


**************************************************
Looking for the IECF operational ADFs list...
```

```
ADF filter 20110119*current_3_IECF_ADFs.txt
Found list 20110119_030001_current_3_IECF_ADFs.txt...
Extracting ADFs...

      ASA_CON_AXVIEC20101222_141422_20100317_120410_20141231_000000
      ASA_INS_AXVIEC20101222_143805_20101022_000000_20141231_235959
      ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
      ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

Writing file ./RESULTS/DAILY/_110119/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Auxiliary_files_summary.html...


*****************************************************
Analysing WVS products...

Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_WVS.txt...


ASA_WVS_1PNPDE20110119_000233_000001203098_00332_46467_2867.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2868.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2870.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_002436_000016193098_00332_46467_2897.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_011505_000004863098_00333_46468_2893.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_013005_000000743098_00333_46468_2890.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_013655_000004653098_00333_46468_2888.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020041_000001193098_00333_46468_2887.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2906.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2909.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2912.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2915.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2918.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_022003_000004043098_00334_46469_2924.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_030801_000005553098_00334_46469_2923.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_031646_000001203098_00334_46469_2937.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_034654_000007493098_00334_46469_2949.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_040310_000000893098_00335_46470_2947.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_044525_000007943098_00335_46470_2945.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_045825_000004053098_00335_46470_2961.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_051900_000015893098_00335_46470_2970.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_063503_000002703098_00336_46471_2969.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_211328_000020543098_00345_46480_3075.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_220117_000001803098_00345_46480_3072.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_220733_000000903098_00345_46480_3081.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_220818_000007193098_00345_46480_3091.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_223448_000000903098_00346_46481_3093.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_225259_000013943098_00346_46481_3094.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_232109_000004053098_00346_46481_3097.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_234125_000004503098_00346_46481_3099.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110119_234810_000011993098_00346_46481_3112.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_063903_000003903098_00336_46471_0215.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_065905_000020843098_00336_46471_0218.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_081729_000004053098_00337_46472_0247.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_083928_000021443098_00337_46472_0249.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_094658_000010493098_00338_46473_0281.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_101933_000019643098_00338_46473_0283.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_112141_000013643098_00339_46474_0322.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_115956_000018393098_00339_46474_0325.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_125221_000008843098_00340_46475_0341.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_132434_000001053098_00340_46475_0340.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_134010_000004653098_00340_46475_0347.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_144152_000001793098_00341_46476_0383.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_145237_000008403098_00341_46476_0386.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_152116_000009443098_00341_46476_0388.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_162113_000000443098_00342_46477_0412.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_162457_000013193098_00342_46477_0415.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_170645_000010193098_00342_46477_0417.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WVS_1PNPDK20110119_180042_000015893098_00343_46478_0446.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_184129_000000903098_00343_46478_0445.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_184619_000008093098_00343_46478_0450.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_193535_000019043098_00344_46479_0476.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110119_202642_000002103098_00344_46479_0479.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


**************************************************
Analysing GM1 products...

Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_GM1.txt...


ASA_GM1_1PNPDE20110119_000517_000005433098_00332_46467_2869.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_000517_000005433098_00332_46467_2871.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2894.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2896.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_012402_000003623098_00333_46468_2892.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_013201_000002893098_00333_46468_2889.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_014533_000004533098_00333_46468_2886.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2908.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2911.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2914.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2917.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2920.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2907.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2910.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2913.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2916.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2919.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_023929_000012083098_00334_46469_2926.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_030621_000000963098_00334_46469_2925.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_032548_000003623098_00334_46469_2939.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_034124_000003263098_00334_46469_2938.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_040001_000001873098_00335_46470_2951.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_040523_000005923098_00335_46470_2950.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_041829_000009433098_00335_46470_2948.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_043824_000004163098_00335_46470_2946.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_050600_000007793098_00335_46470_2962.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_055222_000017283098_00336_46471_2972.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_063104_000002353098_00336_46471_2971.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_210450_000005193098_00345_46480_3074.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_214821_000005673098_00345_46480_3082.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_222107_000004593098_00346_46481_3092.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_224745_000003143098_00346_46481_3095.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_231704_000001203098_00346_46481_3096.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110119_232836_000005983098_00346_46481_3098.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_064614_000000723098_00336_46471_0214.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_064952_000000843098_00336_46471_0216.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_073428_000004223098_00337_46472_0217.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_074320_000001633098_00337_46472_0221.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_074456_000007133098_00337_46472_0245.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_080539_000007073098_00337_46472_0246.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_082628_000007793098_00337_46472_0248.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_091548_000003923098_00338_46473_0250.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_093927_000004473098_00338_46473_0280.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_100644_000004773098_00338_46473_0282.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_105307_000004653098_00339_46474_0284.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_110710_000001933098_00339_46474_0321.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_115117_000005193098_00339_46474_0324.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_123121_000004223098_00340_46475_0323.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_124123_000002173098_00340_46475_0327.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_124349_000000723098_00340_46475_0338.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_130744_000006163098_00340_46475_0339.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_131801_000003923098_00340_46475_0342.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_132710_000007793098_00340_46475_0343.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_134839_000003683098_00340_46475_0345.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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ASA_GM1_1PNPDK20110119_135545_000002653098_00340_46475_0344.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_140109_000001873098_00341_46476_0349.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_140501_000002053098_00341_46476_0348.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_140957_000005193098_00341_46476_0350.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_142317_000000843098_00341_46476_0381.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_142625_000000963098_00341_46476_0382.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_144539_000004163098_00341_46476_0384.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_150724_000003083098_00341_46476_0385.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_151446_000002353098_00341_46476_0387.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_153744_000012693098_00341_46476_0389.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_160232_000000963098_00342_46477_0411.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_161946_000000783098_00342_46477_0413.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_162247_000001263098_00342_46477_0414.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_164740_000005983098_00342_46477_0416.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_172430_000008283098_00343_46478_0418.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_173705_000001143098_00343_46478_0442.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_174513_000001873098_00343_46478_0443.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_174957_000003623098_00343_46478_0444.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_182752_000005493098_00343_46478_0447.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_190029_000005613098_00344_46479_0448.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_191224_000001693098_00344_46479_0449.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_192255_000005433098_00344_46479_0475.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_200805_000005433098_00344_46479_0477.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110119_203054_000010153098_00344_46479_0480.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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Analysing APM products...

No APM products available for the selected period...


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Analysing IMM products...

Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_IMM.xls...
Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_IMM.txt...


ASA_IMM_1PNPDE20110119_043408_000002433098_00335_46470_2934.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110119_054626_000001733098_00336_46471_2957.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110119_062109_000000373098_00336_46471_2959.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110119_175958_000000363098_00343_46478_3065.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110119_231905_000000803098_00346_46481_3089.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110119_111023_000001123098_00339_46474_0292.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110119_140006_000000533098_00341_46476_0364.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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Analysing WSM products...

Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_110119/AUXILIARY/Check_ADFs_WSM.txt...


ASA_WSM_1PNPDE20110119_001426_000002323098_00332_46467_2857.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_005223_000005083098_00333_46468_2885.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_015309_000004533098_00333_46468_2891.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_022732_000002083098_00334_46469_2905.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_025942_000002083098_00334_46469_2904.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_031930_000001533098_00334_46469_2930.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_033156_000005143098_00334_46469_2935.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_041521_000001843098_00335_46470_2936.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_054947_000001533098_00336_46471_2958.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_062233_000004833098_00336_46471_2960.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_064736_000001353098_00336_46471_2974.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_075651_000005263098_00337_46472_2993.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_101445_000002693098_00338_46473_3037.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WSM_1PNPDE20110119_110053_000002813098_00339_46474_3029.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_114509_000003673098_00339_46474_3040.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_143014_000004283098_00341_46476_3057.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_151238_000001223098_00341_46476_3059.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_151844_000001533098_00341_46476_3058.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_160418_000002693098_00342_46477_3062.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_165743_000005443098_00342_46477_3061.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_174219_000001713098_00343_46478_3063.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_174820_000000923098_00343_46478_3066.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_183703_000002513098_00343_46478_3064.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_191850_000000923098_00344_46479_3067.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_193205_000002083098_00344_46479_3070.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_201710_000002513098_00344_46479_3068.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_202250_000002323098_00344_46479_3069.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_210017_000002693098_00345_46480_3084.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_215749_000002083098_00345_46480_3071.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_220503_000001533098_00345_46480_3073.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_222851_000003613098_00346_46481_3086.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_224344_000002393098_00346_46481_3088.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110119_233838_000001533098_00346_46481_3090.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_065127_000004343098_00336_46471_0228.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_074136_000001043098_00337_46472_0229.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_092224_000004163098_00338_46473_0259.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_092945_000002143098_00338_46473_0260.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_093346_000001163098_00338_46473_0261.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_110434_000001533098_00339_46474_0291.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_123827_000001713098_00340_46475_0326.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_124511_000004283098_00340_46475_0333.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_141842_000002693098_00341_46476_0362.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_142449_000000923098_00341_46476_0367.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_142806_000000983098_00341_46476_0365.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_155856_000002083098_00342_46477_0395.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_173904_000002323098_00343_46478_0426.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_191515_000001533098_00344_46479_0451.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_192053_000001163098_00344_46479_0458.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_205124_000003003098_00345_46480_0486.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_205731_000000923098_00345_46480_0483.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_210034_000001653098_00345_46480_0489.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110119_223658_000003493098_00346_46481_0504.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


AUXILIARY FILES ANALYSIS completed
######################################################################




MODULE STEPPING ANALYSIS
######################################################################
Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_110119/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_110119/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

**********************************************************************************************************************
**********************************************************************************************************************
Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDK20010209_135042_00000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20110119_082455_000000163098_00337_46472_0408.N1
      H
```

```
      H
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/TGH_20110119_082455-20010209_135042.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/TPH_20110119_082455-20010209_135042.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/RGH_20110119_082455-20010209_135042.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/RPH_20110119_082455-20010209_135042.png

Polarization:  V
Reference product:  ASA_MS__0PNPDK20010209_140823_00000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20110119_100509_000000163098_00338_46473_0409.N1
      V
      V
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/TGV_20110119_100509-20010209_140823.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/TPV_20110119_100509-20010209_140823.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/RGV_20110119_100509-20010209_140823.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/SECOND_REFERENCE/RPV_20110119_100509-20010209_140823.png

*********************************************************************************************************
*********************************************************************************************************
Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDK20110118_090139_000000163098_00323_46458_0406.N1
Test product: ASA_MS__0PNPDK20110119_082455_000000163098_00337_46472_0408.N1
      H
      H
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20110119_082455-20110118_090139.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20110119_082455-20110118_090139.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20110119_082455-20110118_090139.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20110119_082455-20110118_090139.png

Polarization:  V
Reference product:  ASA_MS__0PNPDK20110118_104153_000000163098_00324_46459_0407.N1
Test product: ASA_MS__0PNPDK20110119_100509_000000163098_00338_46473_0409.N1
      V
      V
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20110119_100509-20110118_104153.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20110119_100509-20110118_104153.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20110119_100509-20110118_104153.png
../../RESULTS/DAILY/_110119/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20110119_100509-20110118_104153.png

MODULE_STEPPING ANALYSIS completed
#####################################################################




CALIBRATION PULSES ANALYSIS
#####################################################################
Creating directory ./RESULTS/DAILY/_110119/CALIBRATION_PULSES...


*********************************************************************************************
*********************************************************************************************
ALL ROWS Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59

Analysing products WVS IS2 V/V
Writing image ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...


*********************************************************************************************
*********************************************************************************************
TEMPORAL EVOLUTION Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59

Analysing products WVS IS2 V/V
```

```
Getting calibration pulses data for WVS IS2 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-01-19_1.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...


Getting calibration pulses data for WVS IS2 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-01-19_2.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...


Getting calibration pulses data for WVS IS2 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-01-19_3.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...


Getting calibration pulses data for WVS IS2 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-01-19_4.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...


Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-01-19_1.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...


Getting calibration pulses data for GM1 SS3 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-01-19_2.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...


Getting calibration pulses data for GM1 SS3 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-01-19_3.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...


Getting calibration pulses data for GM1 SS3 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_110119/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-01-19_4.dat...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../.././RESULTS/DAILY/_110119//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...



CALIBRATION PULSES ANALYSIS completed
######################################################################




DOPPLER ANALYSIS
######################################################################
Creating directory ./RESULTS/DAILY/_110119/DOPPLER...


********************************************************************************************
********************************************************************************************
DOPPLER ANX Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DOPPLER/Doppler_data_WVS_IS2_VV_2011-01-19.dat...
```

```
Running IDL program...
Writing file ../../RESULTS/DAILY/_110119/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DOPPLER/Doppler_data_GM1_SS1_HH_2011-01-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110119/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...



**************************************************************************************
**************************************************************************************
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-01-19 00:00:00 to 2011-01-19 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/DOPPLER/Doppler_Jumps_data_WSM_2011-01-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110119/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_110119/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

**************************************************************************************
**************************************************************************************
DOPPLER MAP Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 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 =  -69.476122 Hz
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

******************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -67.765866 Hz
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../.././RESULTS/DAILY/_110119//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 =  -55.390346 Hz
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

******************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -58.092852 Hz
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../.././RESULTS/DAILY/_110119//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

******************************************************
```

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



CHIRP ANALYSIS
######################################################################
Creating directory ./RESULTS/DAILY/_110119/CHIRP...


**************************************************************************************************
**************************************************************************************************
CHIRP Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59


Analysing products WSM SS1 H/H
**************************************************************
Getting ScaleFactor data for WSM SS1 H/H from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-01-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110119/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_110119/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...


Analysing products WSM SS1 V/V
**************************************************************
Getting ScaleFactor data for WSM SS1 V/V from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-01-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110119/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_110119/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

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



RAW DATA ANALYSIS
######################################################################
Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/RAW_DATA

Creating directory ./RESULTS/DAILY/_110119/RAW_DATA...

**************************************************************************
Getting raw data for WVS from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/RAW_DATA/Raw_data_WVS_2011-01-19.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

**************************************************************************
Getting raw data for IMM from 2011-01-19 00:00:00 to 2011-01-19 23:59:59...
Writing file ./RESULTS/DAILY/_110119/RAW_DATA/Raw_data_IMM_2011-01-19.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110119/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
######################################################################
```

```
TELEMETRY ANALYSIS
######################################################################
Analysis will be performed from 2011-01-19 00:00:00 to 2011-01-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110119/TELEMETRY

Creating directory ./RESULTS/DAILY/_110119/TELEMETRY...

Looking for gaps and missing lines in WVS products...
**********************************
Checking 31 products from PDE...
Checking 22 products from PDK...

Looking for gaps and missing lines in GM1 products...
**********************************
Checking 34 products from PDE...
Checking 44 products from PDK...

Looking for gaps and missing lines in APM products...
**********************************
No products from PDE...
No products from PDK...

Looking for gaps and missing lines in IMM products...
**********************************
Checking 5 products from PDE...
Checking 2 products from PDK...

Looking for gaps and missing lines in WSM products...
**********************************
Checking 34 products from PDE...
Checking 19 products from PDK...

Creating graph of missing lines and gaps...
**********************************************************
Creating image: ./RESULTS/DAILY/_110119/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_110119/TELEMETRY/TELEMETRY_Gaps.png...

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



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


Building file ./RESULTS/DAILY/_110119/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
######################################################################
```

IDEAS

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_1PNPDE20110119_000517_000005433098_00332_46467_2869.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_000517_000005433098_00332_46467_2871.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2894.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2896.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_012402_000003623098_00333_46468_2892.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_013201_000002893098_00333_46468_2889.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_014533_000004533098_00333_46468_2886.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2908.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2911.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2914.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2917.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2920.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2907.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2910.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2913.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2916.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2919.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_023929_000012083098_00334_46469_2926.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_030621_000000963098_00334_46469_2925.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_032548_000003623098_00334_46469_2939.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_034124_000003263098_00334_46469_2938.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_040001_000001873098_00335_46470_2951.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_040523_000005923098_00335_46470_2950.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_041829_000009433098_00335_46470_2948.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_043824_000004163098_00335_46470_2946.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_050600_000007793098_00335_46470_2962.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_055222_000017283098_00336_46471_2972.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_063104_000002353098_00336_46471_2971.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_210450_000005193098_00345_46480_3074.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_214821_000005673098_00345_46480_3082.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_222107_000004593098_00346_46481_3092.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_224745_000003143098_00346_46481_3095.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_231704_000001203098_00346_46481_3096.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20110119_232836_000005983098_00346_46481_3098.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_064614_000000723098_00336_46471_0214.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_064952_000000843098_00336_46471_0216.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_073428_000004223098_00337_46472_0217.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_074320_000001633098_00337_46472_0221.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_074456_000007133098_00337_46472_0245.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_080539_000007073098_00337_46472_0246.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_082628_000007793098_00337_46472_0248.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_091548_000003923098_00338_46473_0250.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_093927_000004473098_00338_46473_0280.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_100644_000004773098_00338_46473_0282.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_105307_000004653098_00339_46474_0284.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_110710_000001933098_00339_46474_0321.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_115117_000005193098_00339_46474_0324.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_123121_000004223098_00340_46475_0323.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_124123_000002173098_00340_46475_0327.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_124349_000000723098_00340_46475_0338.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_130744_000006163098_00340_46475_0339.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_131801_000003923098_00340_46475_0342.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_132710_000007793098_00340_46475_0343.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_134839_000003683098_00340_46475_0345.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_135545_000002653098_00340_46475_0344.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_140109_000001873098_00341_46476_0349.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_140501_000002053098_00341_46476_0348.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_140957_000005193098_00341_46476_0350.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_142317_000000843098_00341_46476_0381.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_142625_000000963098_00341_46476_0382.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_144539_000004163098_00341_46476_0384.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_150724_000003083098_00341_46476_0385.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_151446_000002353098_00341_46476_0387.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_153744_000012693098_00341_46476_0389.N1	OK	OK	OK	OK

ASA_GM1_1PNPDK20110119_160232_000000963098_00342_46477_0411.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_161946_000000783098_00342_46477_0413.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_162247_000001263098_00342_46477_0414.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_164740_000005983098_00342_46477_0416.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_172430_000008283098_00343_46478_0418.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_173705_000001143098_00343_46478_0442.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_174513_000001873098_00343_46478_0443.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_174957_000003623098_00343_46478_0444.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_182752_000005493098_00343_46478_0447.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_190029_000005613098_00344_46479_0448.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_191224_000001693098_00344_46479_0449.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_192255_000005433098_00344_46479_0475.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_200805_000005433098_00344_46479_0477.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110119_203054_000010153098_00344_46479_0480.N1	OK	OK	OK	OK

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

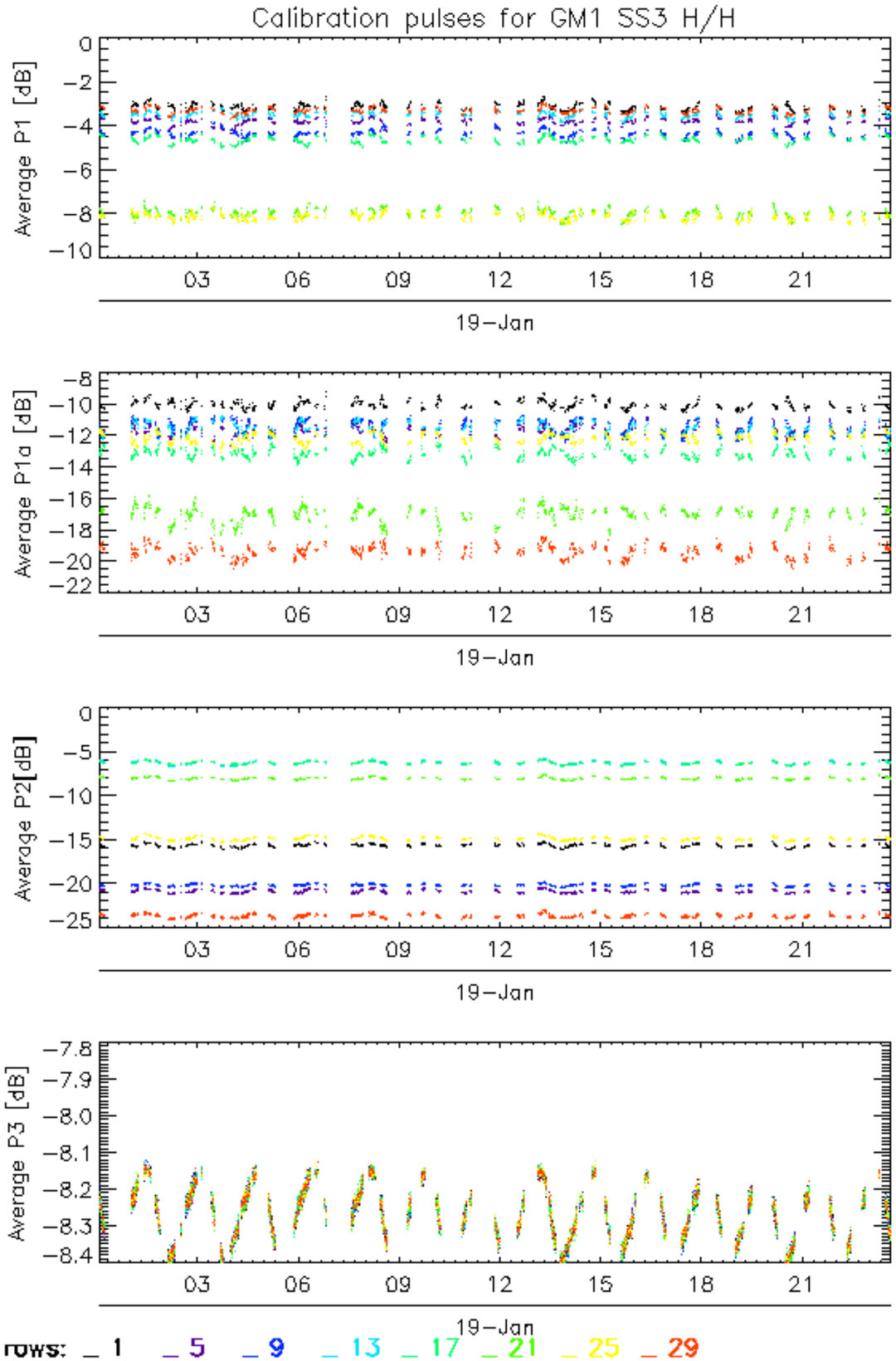
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20110119_043408_000002433098_00335_46470_2934.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110119_054626_000001733098_00336_46471_2957.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110119_062109_000000373098_00336_46471_2959.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110119_175958_000000363098_00343_46478_3065.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110119_231905_000000803098_00346_46481_3089.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20110119_111023_000001123098_00339_46474_0292.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20110119_140006_000000533098_00341_46476_0364.N1	OK	OK	OK	OK

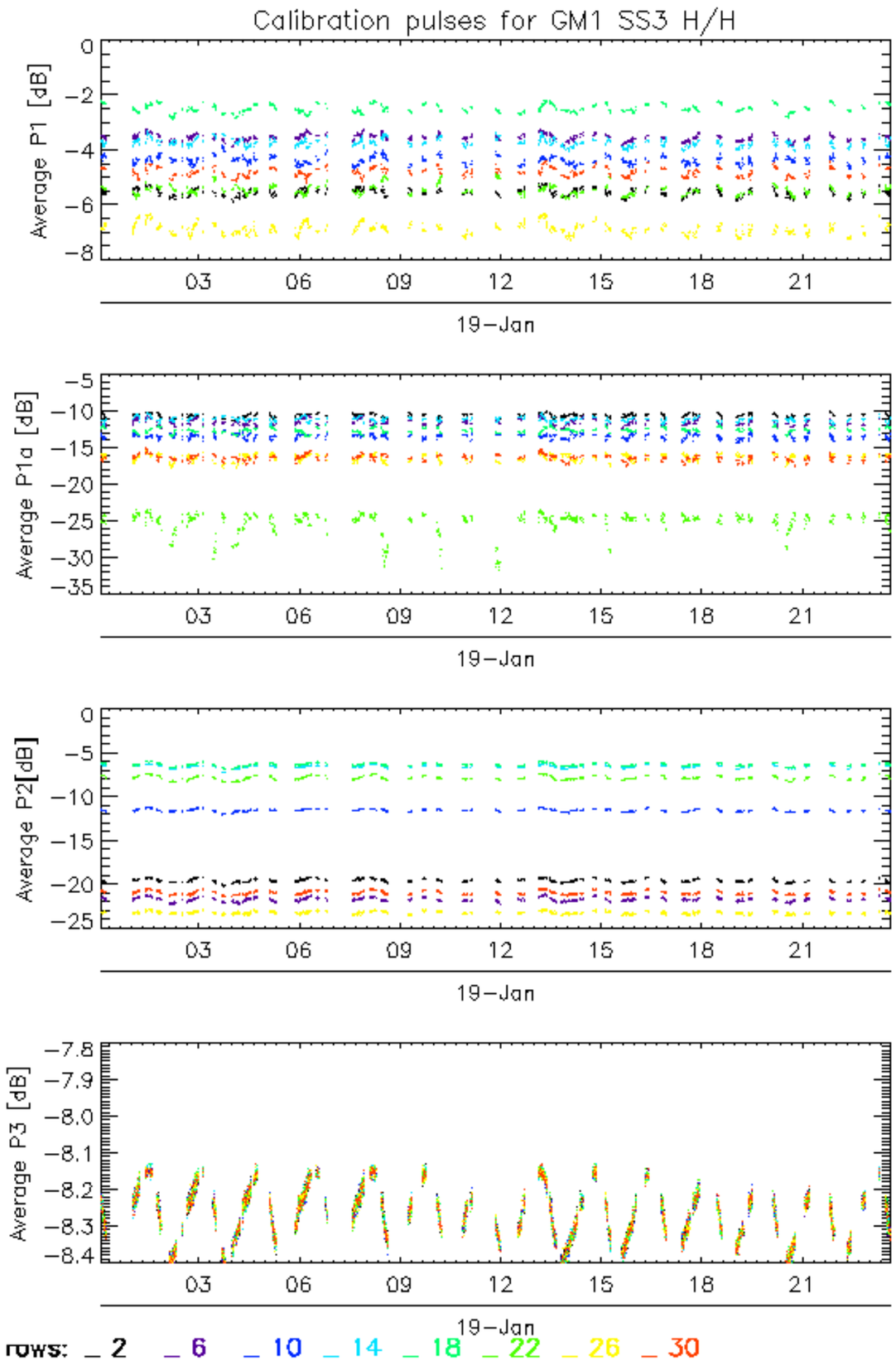
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

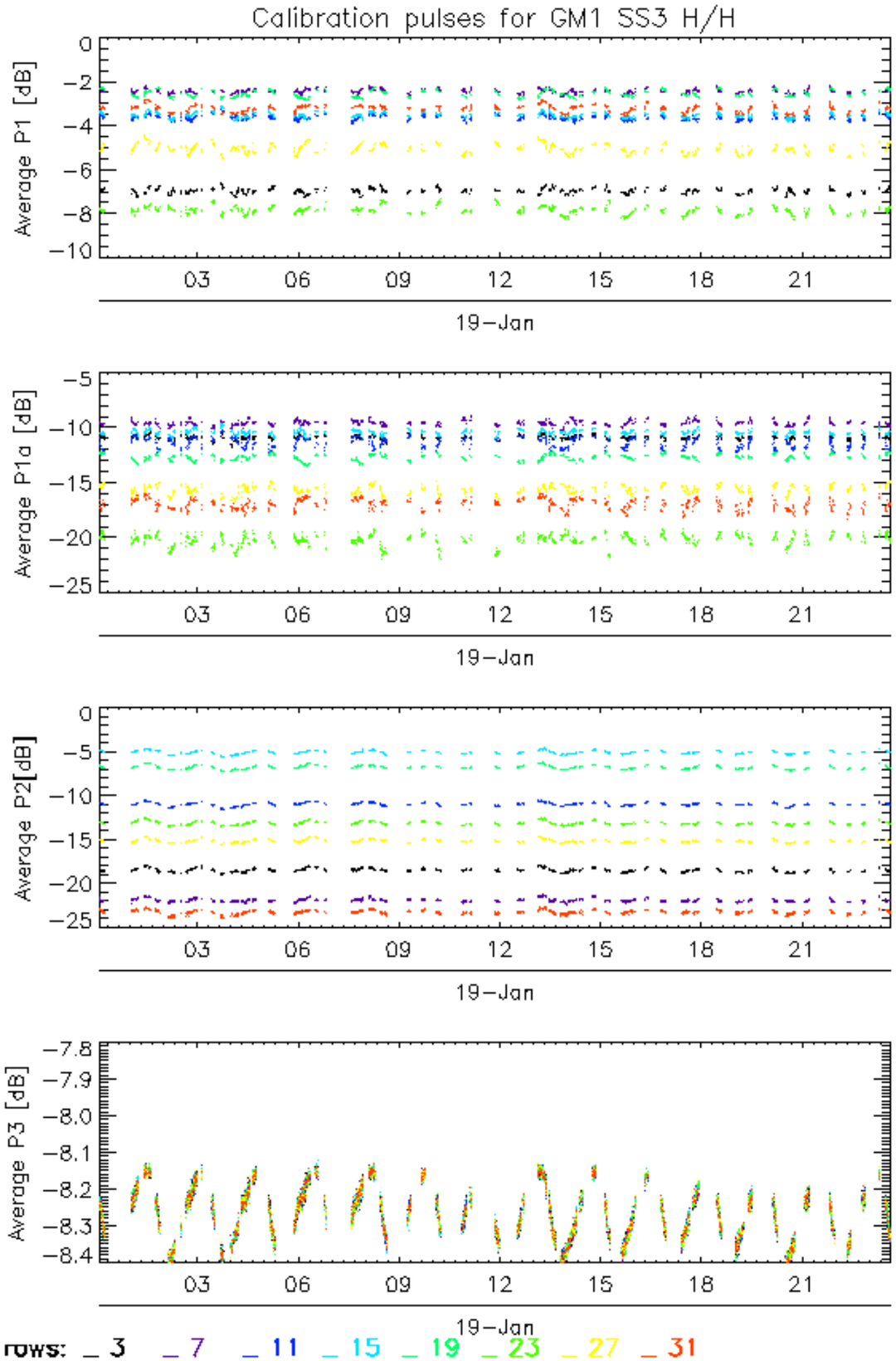
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WSM_1PNPDE20110119_001426_000002323098_00332_46467_2857.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_005223_000005083098_00333_46468_2885.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_015309_000004533098_00333_46468_2891.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_022732_000002083098_00334_46469_2905.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_025942_000002083098_00334_46469_2904.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_031930_000001533098_00334_46469_2930.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_033156_000005143098_00334_46469_2935.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_041521_000001843098_00335_46470_2936.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_054947_000001533098_00336_46471_2958.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_062233_000004833098_00336_46471_2960.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_064736_000001353098_00336_46471_2974.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_075651_000005263098_00337_46472_2993.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_101445_000002693098_00338_46473_3037.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_110053_000002813098_00339_46474_3029.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_114509_000003673098_00339_46474_3040.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_143014_000004283098_00341_46476_3057.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_151238_000001223098_00341_46476_3059.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_151844_000001533098_00341_46476_3058.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_160418_000002693098_00342_46477_3062.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_165743_000005443098_00342_46477_3061.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_174219_000001713098_00343_46478_3063.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_174820_000000923098_00343_46478_3066.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_183703_000002513098_00343_46478_3064.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_191850_000000923098_00344_46479_3067.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_193205_000002083098_00344_46479_3070.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_201710_000002513098_00344_46479_3068.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_202250_000002323098_00344_46479_3069.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_210017_000002693098_00345_46480_3084.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_215749_000002083098_00345_46480_3071.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_220503_000001533098_00345_46480_3073.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_222851_000003613098_00346_46481_3086.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_224344_000002393098_00346_46481_3088.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20110119_233838_000001533098_00346_46481_3090.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_065127_000004343098_00336_46471_0228.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_074136_000001043098_00337_46472_0229.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_092224_000004163098_00338_46473_0259.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_092945_000002143098_00338_46473_0260.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_093346_000001163098_00338_46473_0261.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_110434_000001533098_00339_46474_0291.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_123827_000001713098_00340_46475_0326.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_124511_000004283098_00340_46475_0333.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_141842_000002693098_00341_46476_0362.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_142449_000000923098_00341_46476_0367.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_142806_000000983098_00341_46476_0365.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_155856_000002083098_00342_46477_0395.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_173904_000002323098_00343_46478_0426.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_191515_000001533098_00344_46479_0451.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_192053_000001163098_00344_46479_0458.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_205124_000003003098_00345_46480_0486.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_205731_000000923098_00345_46480_0483.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_210034_000001653098_00345_46480_0489.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20110119_223658_000003493098_00346_46481_0504.N1	OK	OK	OK	OK

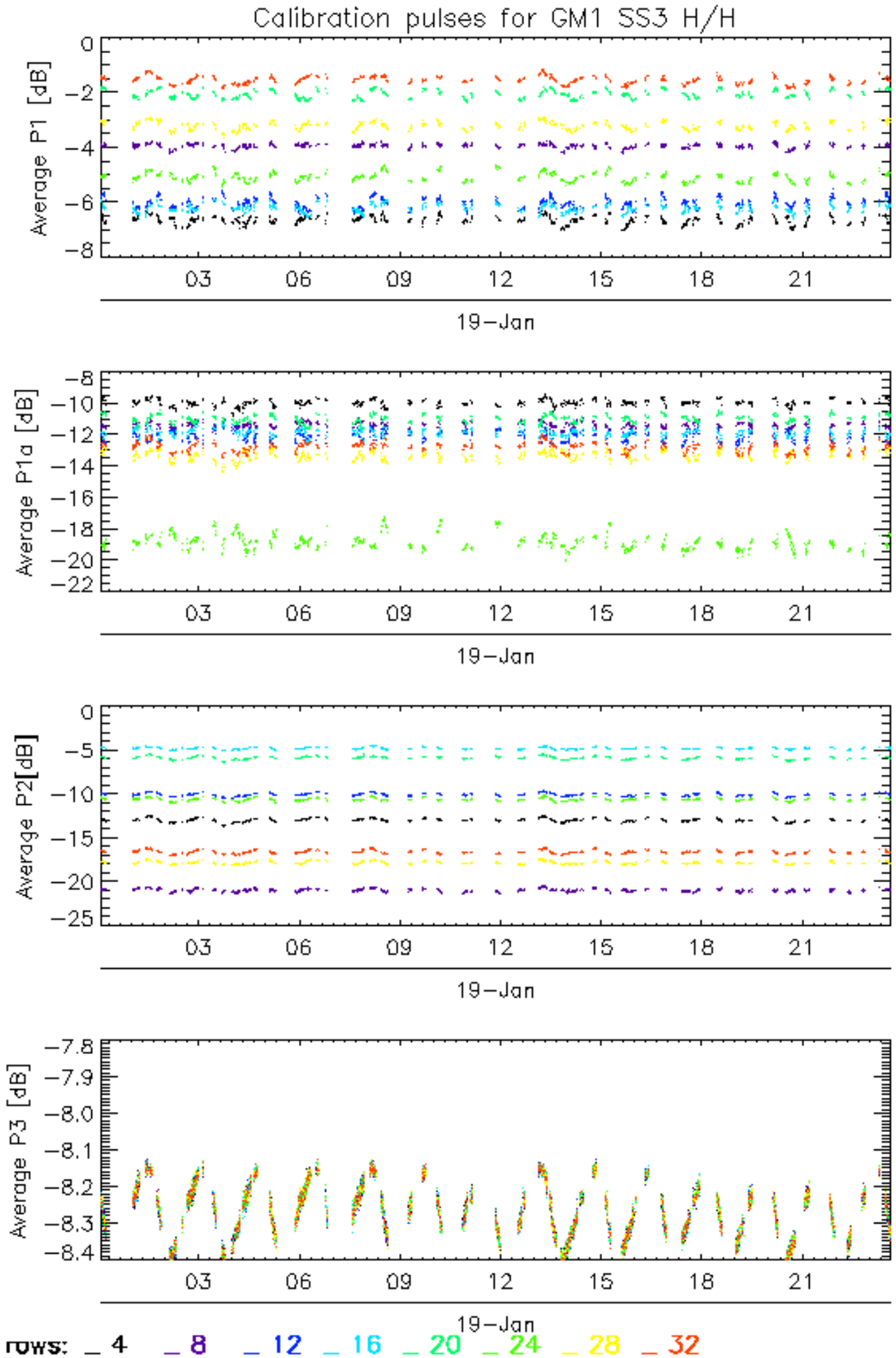
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

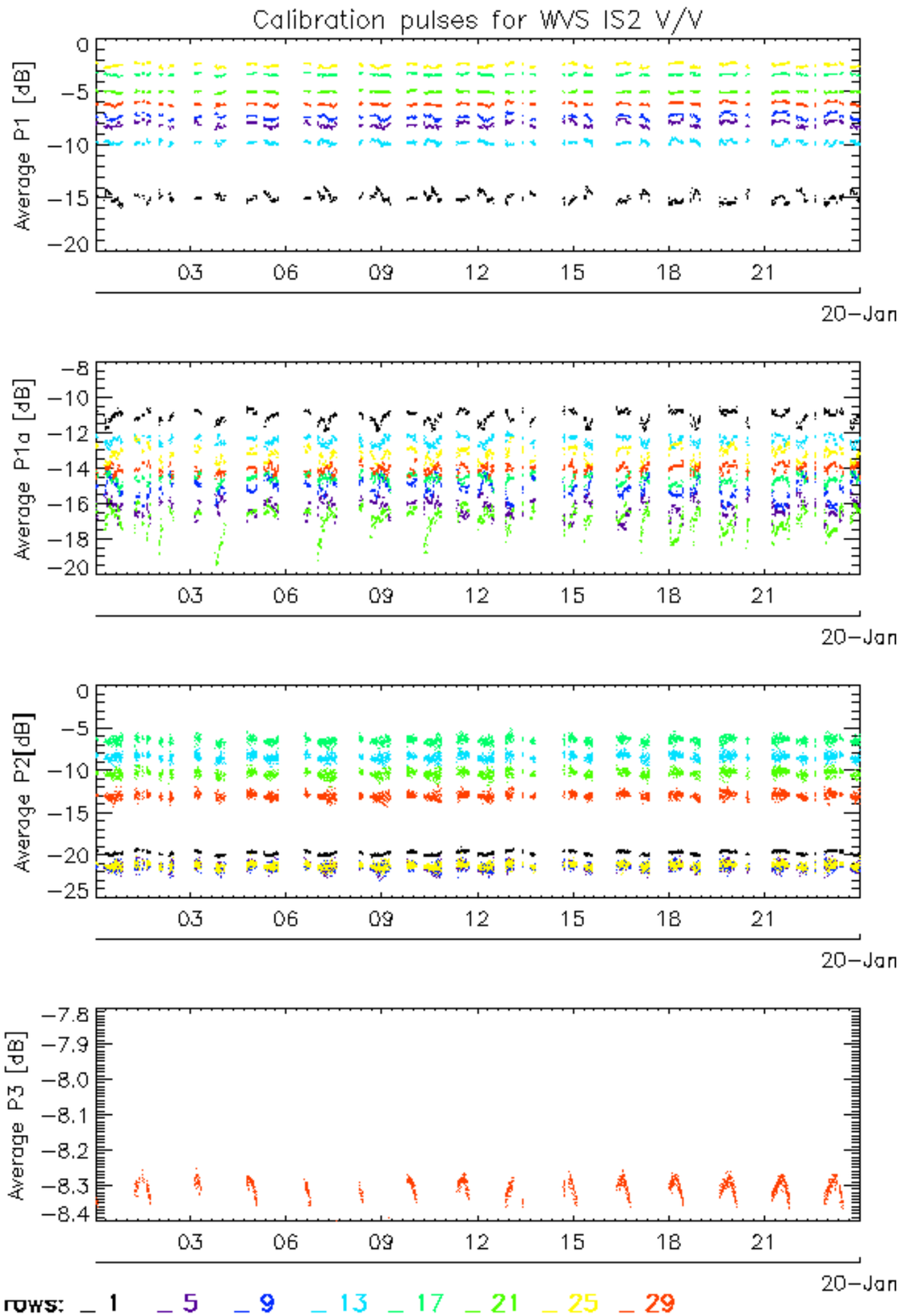
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WVS_1PNPDE20110119_000233_000001203098_00332_46467_2867.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2868.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2870.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_002436_000016193098_00332_46467_2897.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_011505_000004863098_00333_46468_2893.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_013005_000000743098_00333_46468_2890.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_013655_000004653098_00333_46468_2888.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020041_000001193098_00333_46468_2887.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2906.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2909.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2912.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2915.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2918.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_022003_000004043098_00334_46469_2924.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_030801_000005553098_00334_46469_2923.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_031646_000001203098_00334_46469_2937.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_034654_000007493098_00334_46469_2949.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_040310_000000893098_00335_46470_2947.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_044525_000007943098_00335_46470_2945.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_045825_000004053098_00335_46470_2961.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_051900_000015893098_00335_46470_2970.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_063503_000002703098_00336_46471_2969.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_211328_000020543098_00345_46480_3075.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_220117_000001803098_00345_46480_3072.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_220733_000000903098_00345_46480_3081.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_220818_000007193098_00345_46480_3091.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_223448_000000903098_00346_46481_3093.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_225259_000013943098_00346_46481_3094.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_232109_000004053098_00346_46481_3097.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_234125_000004503098_00346_46481_3099.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20110119_234810_000011993098_00346_46481_3112.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_063903_000003903098_00336_46471_0215.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_065905_000020843098_00336_46471_0218.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_081729_000004053098_00337_46472_0247.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_083928_000021443098_00337_46472_0249.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_094658_000010493098_00338_46473_0281.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_101933_000019643098_00338_46473_0283.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_112141_000013643098_00339_46474_0322.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_115956_000018393098_00339_46474_0325.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_125221_000008843098_00340_46475_0341.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_132434_000001053098_00340_46475_0340.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_134010_000004653098_00340_46475_0347.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_144152_000001793098_00341_46476_0383.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_145237_000008403098_00341_46476_0386.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_152116_000009443098_00341_46476_0388.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_162113_000000443098_00342_46477_0412.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_162457_000013193098_00342_46477_0415.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_170645_000010193098_00342_46477_0417.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_180042_000015893098_00343_46478_0446.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_184129_000000903098_00343_46478_0445.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_184619_000008093098_00343_46478_0450.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_193535_000019043098_00344_46479_0476.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20110119_202642_000002103098_00344_46479_0479.N1	OK	OK	OK	OK

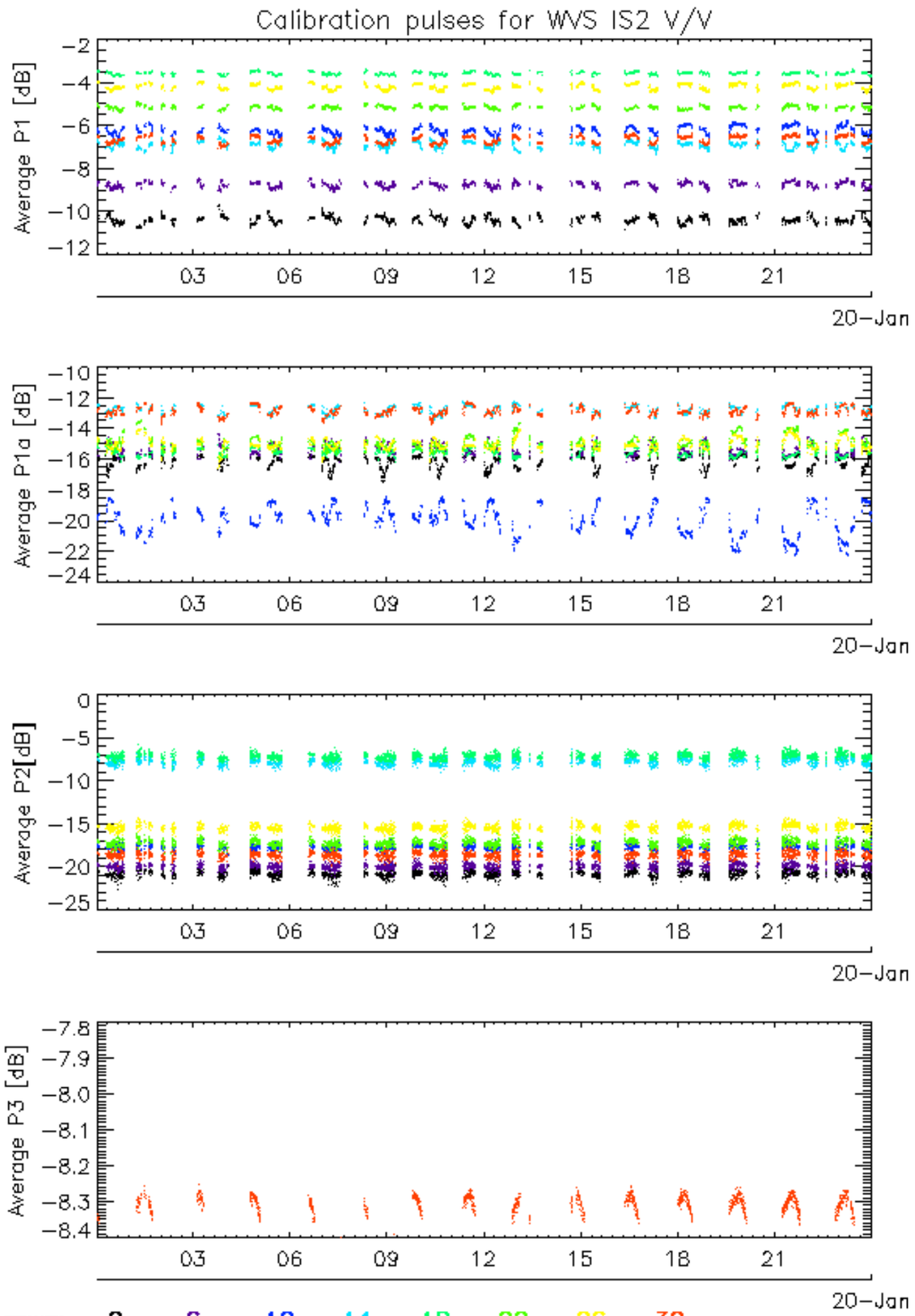

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
−10
03
06
09
12
15
18
21
19−Jan
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−5
−15
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

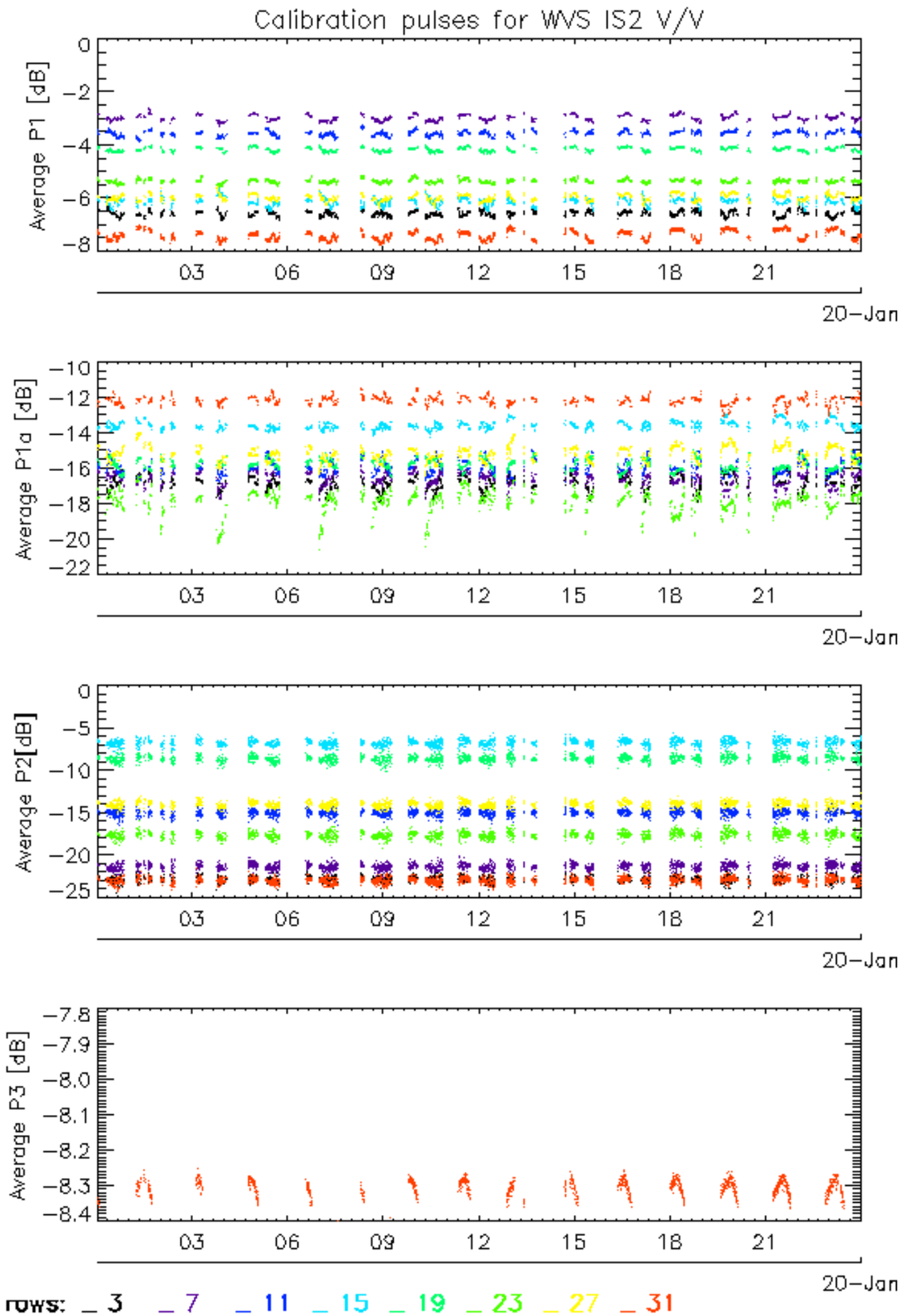

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
19−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
Average P2[dB]
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

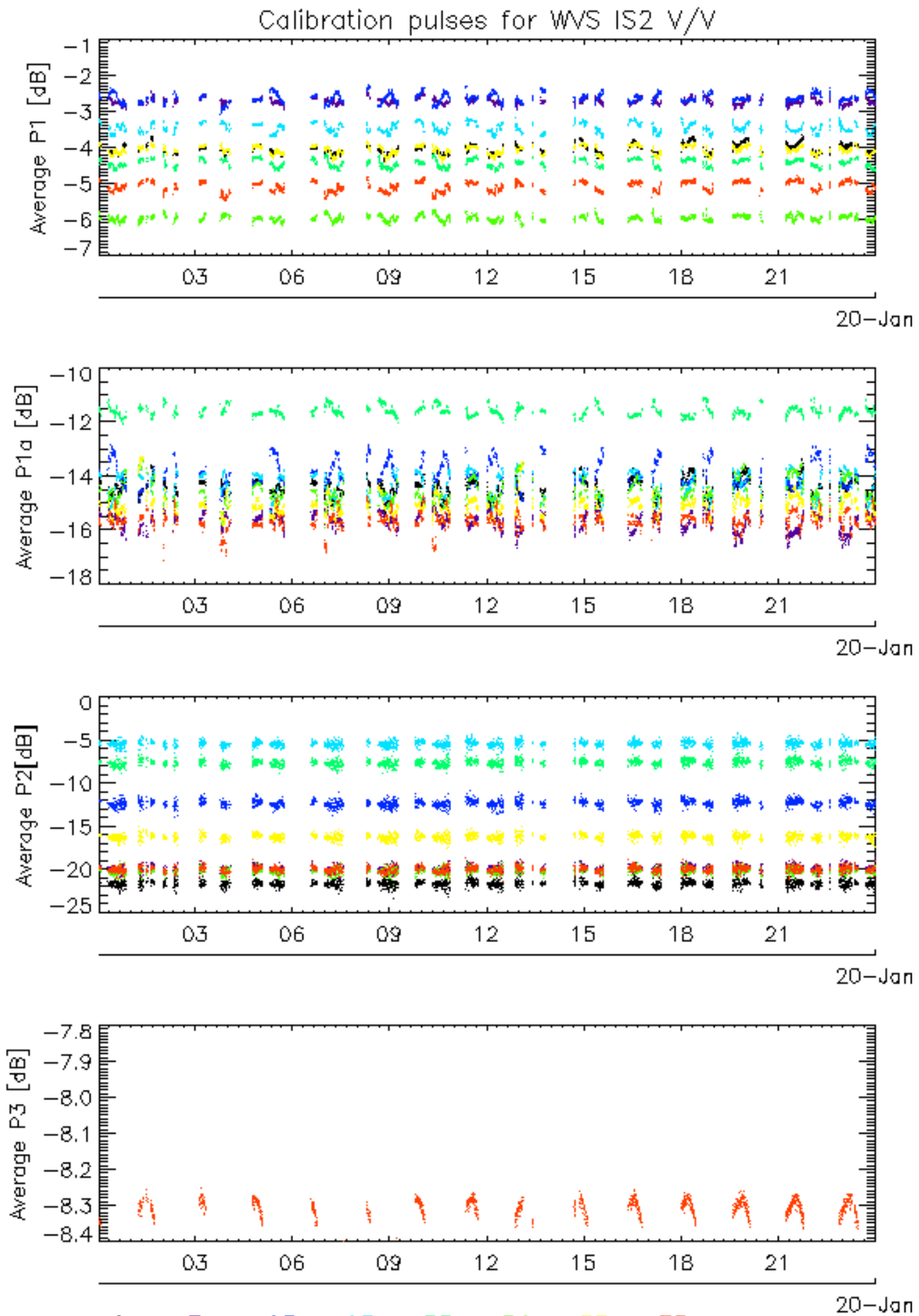

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
−10
03
06
09
12
15
18
21
19−Jan
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2[dB]
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

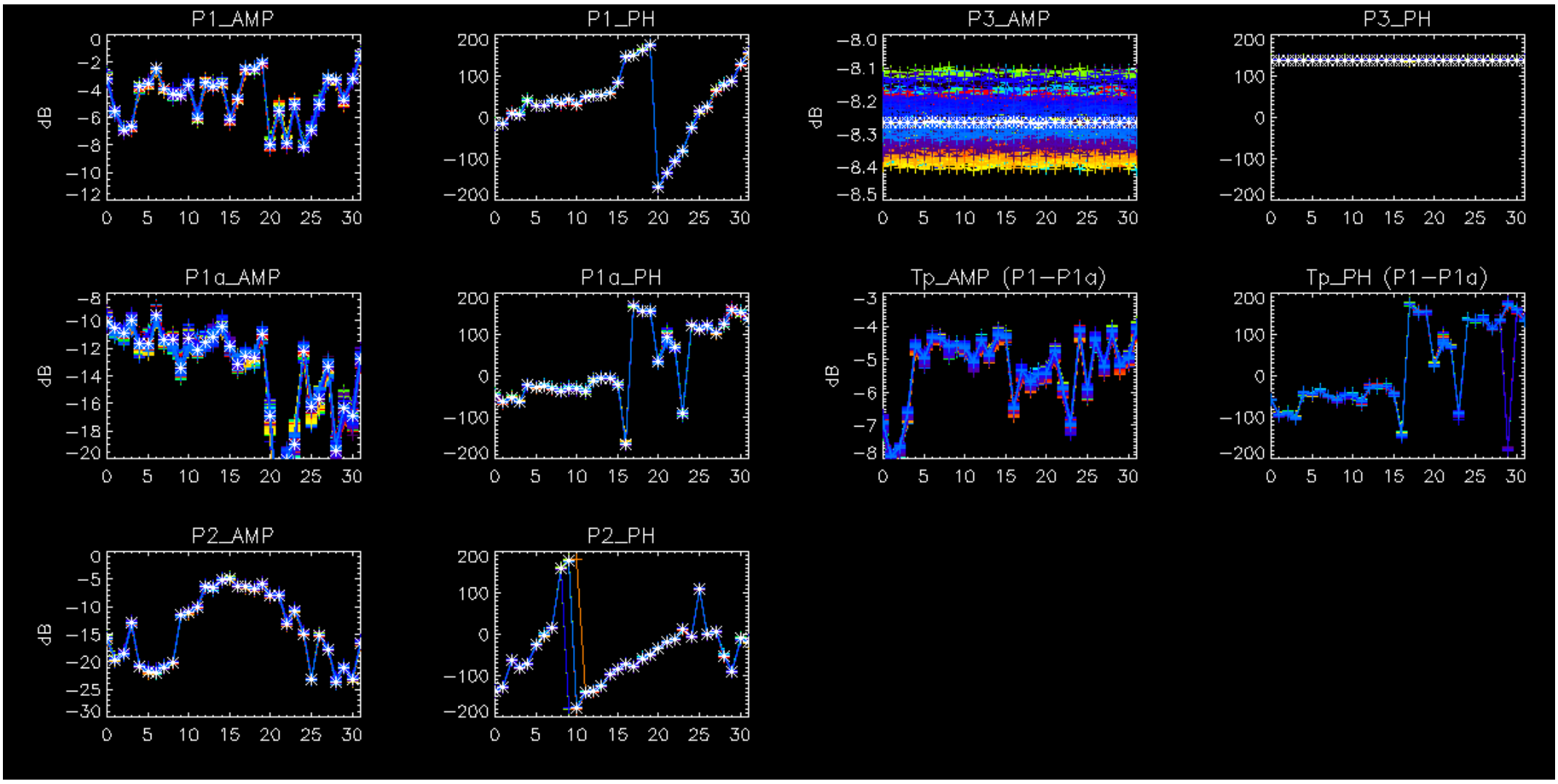

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
19−Jan
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−5
−15
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

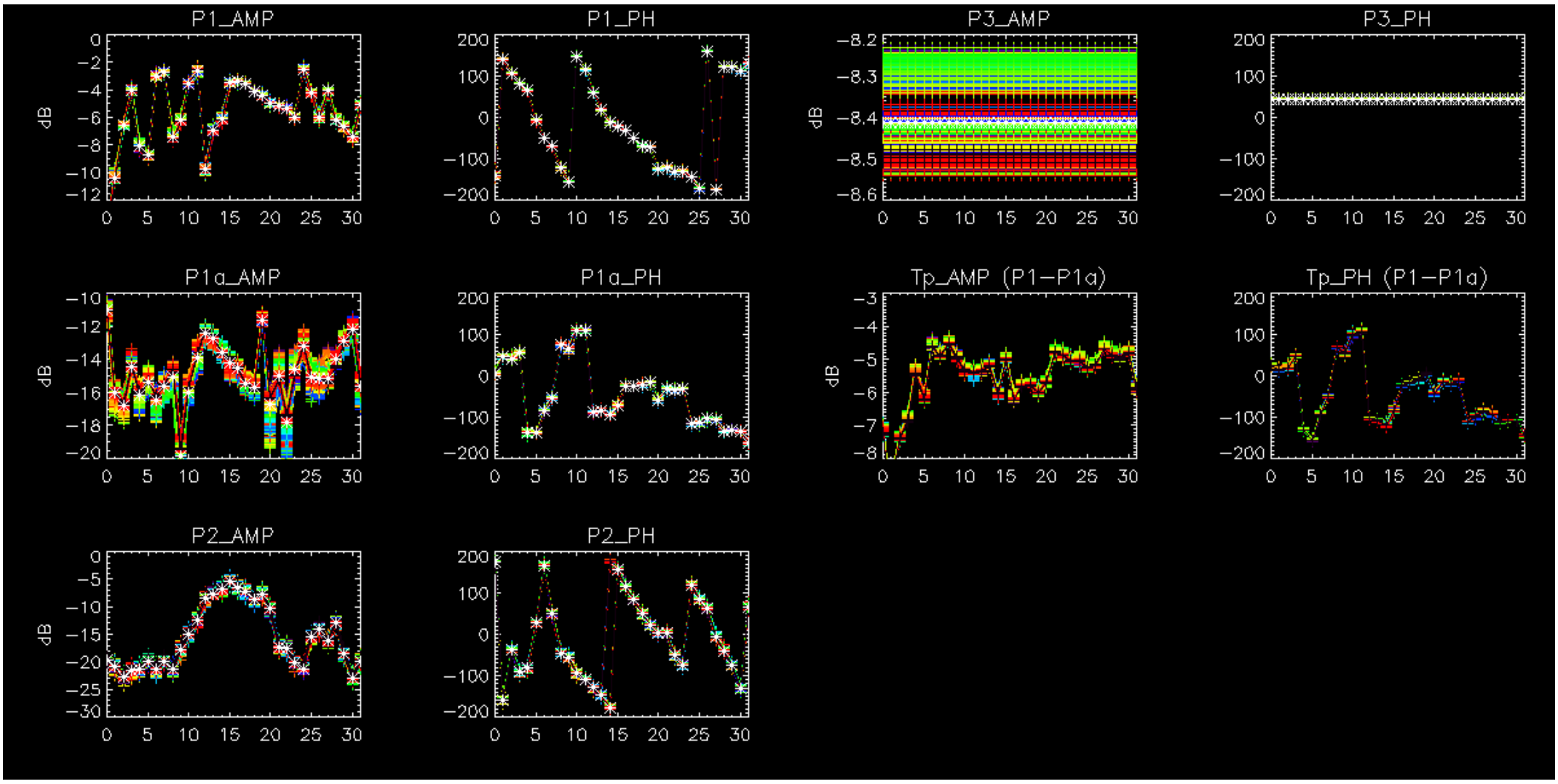

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−5
−10
−15
−20
03
06
09
12
15
18
21
20−Jan
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2[dB]
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

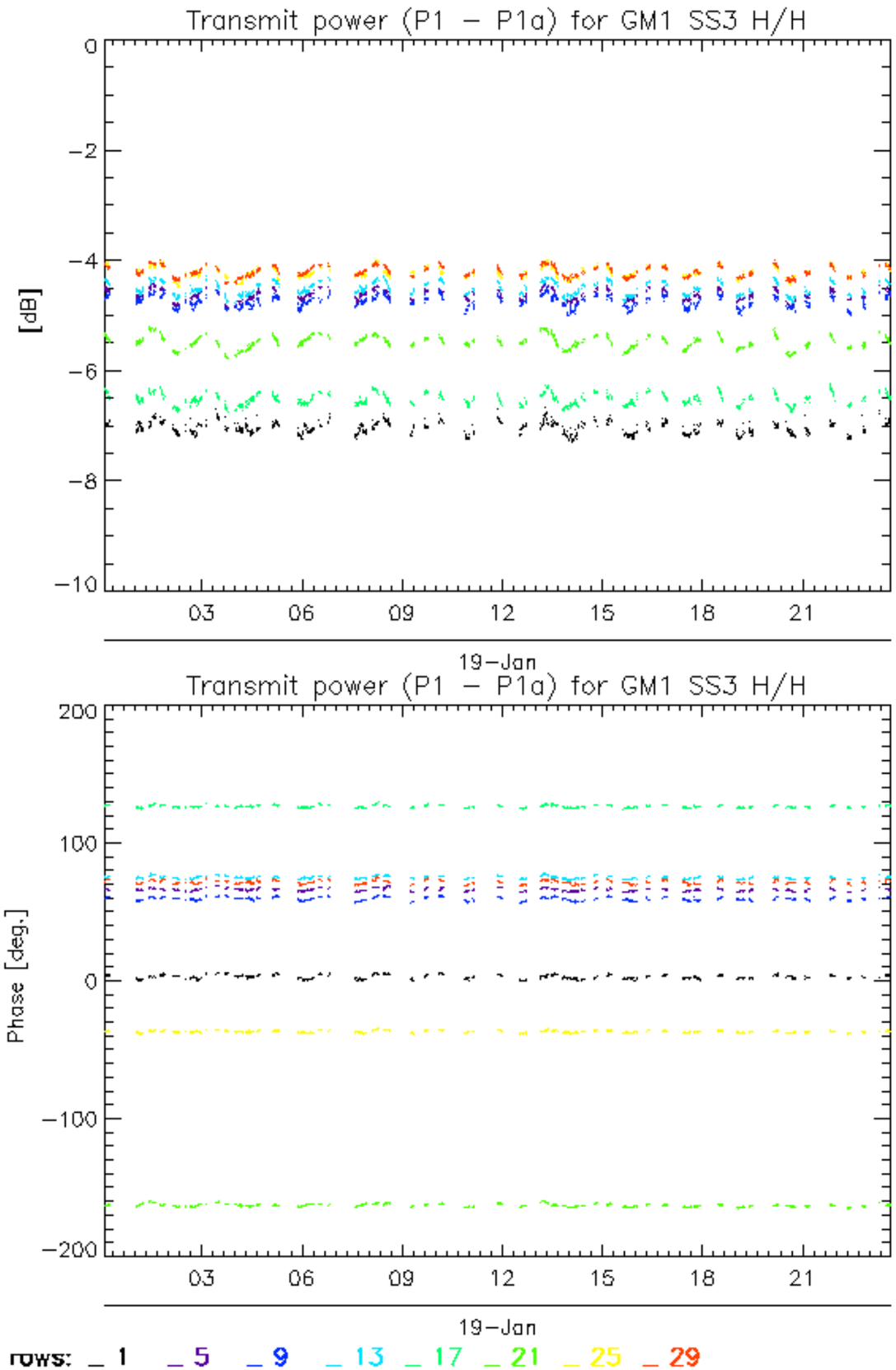

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−2
−4
−6
−8
−10
−12
03
06
09
12
15
18
21
20−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
−24
03
06
09
12
15
18
21
20−Jan
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
20−Jan
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
03
06
09
12
15
18
21
20−Jan
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

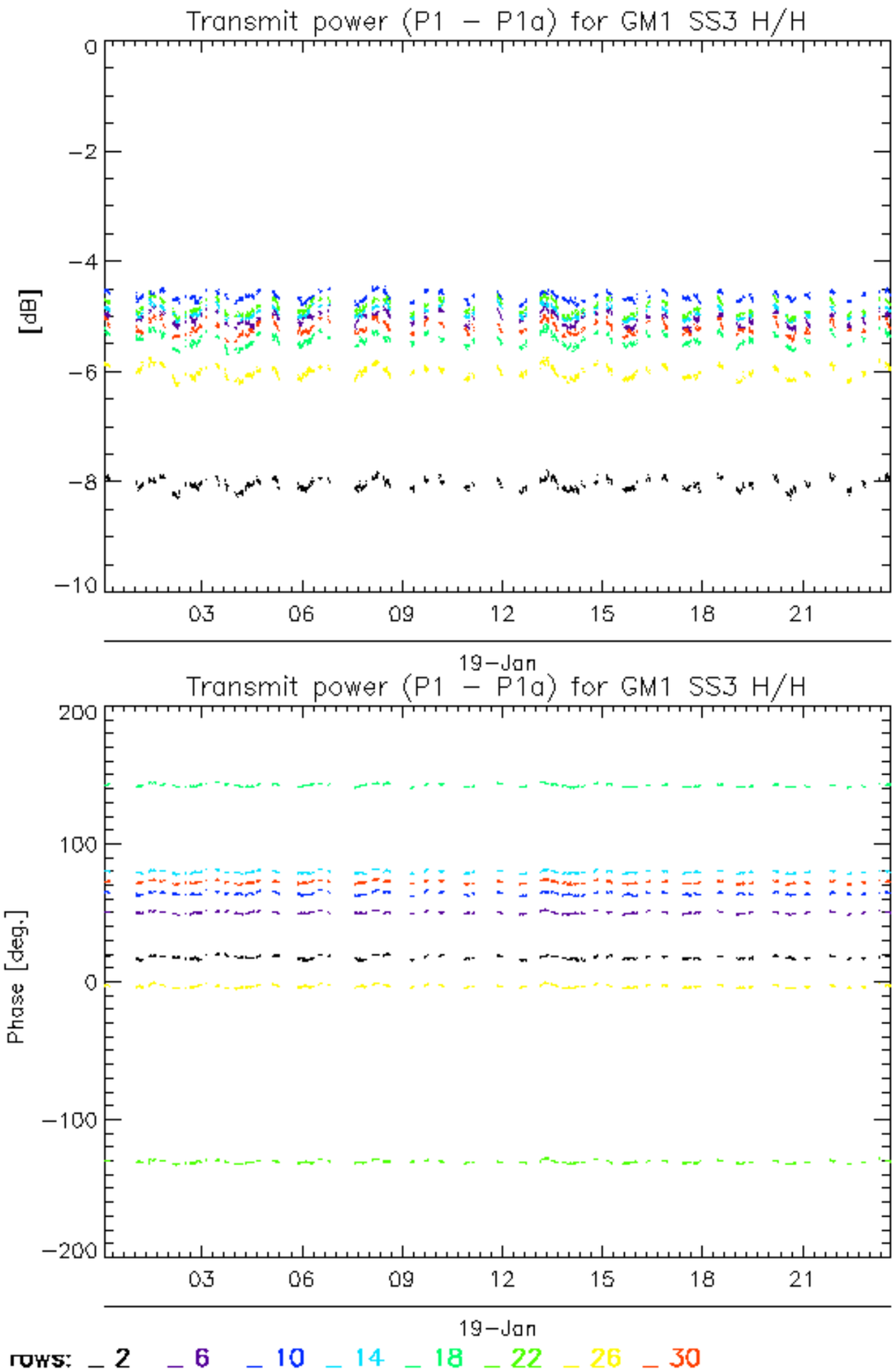

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
20−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−5
−15
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

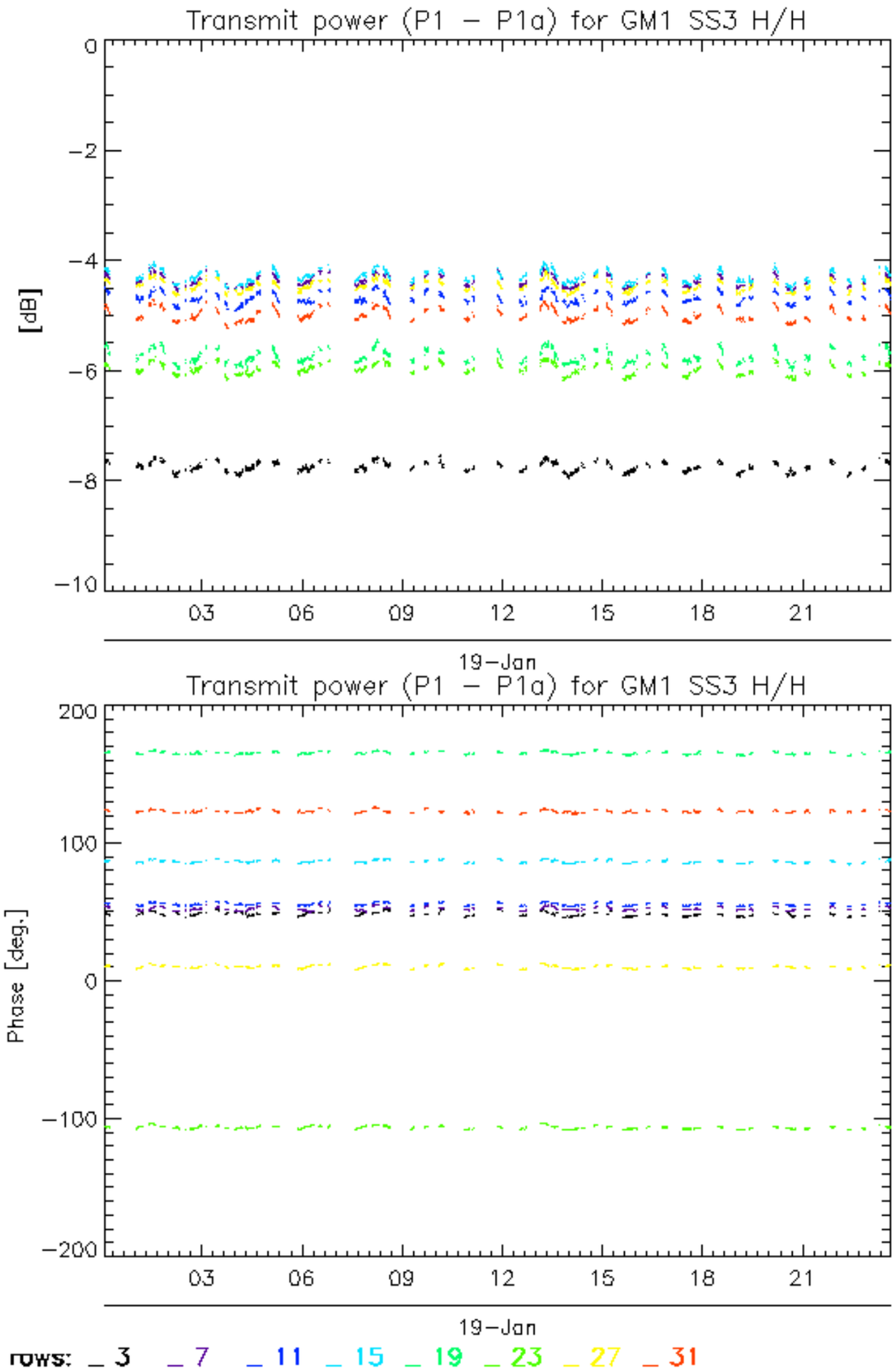

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
20−Jan
Average P1a [dB]
−10
−12
−14
−16
−18
03
06
09
12
15
18
21
20−Jan
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
20−Jan
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
03
06
09
12
15
18
21
20−Jan
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

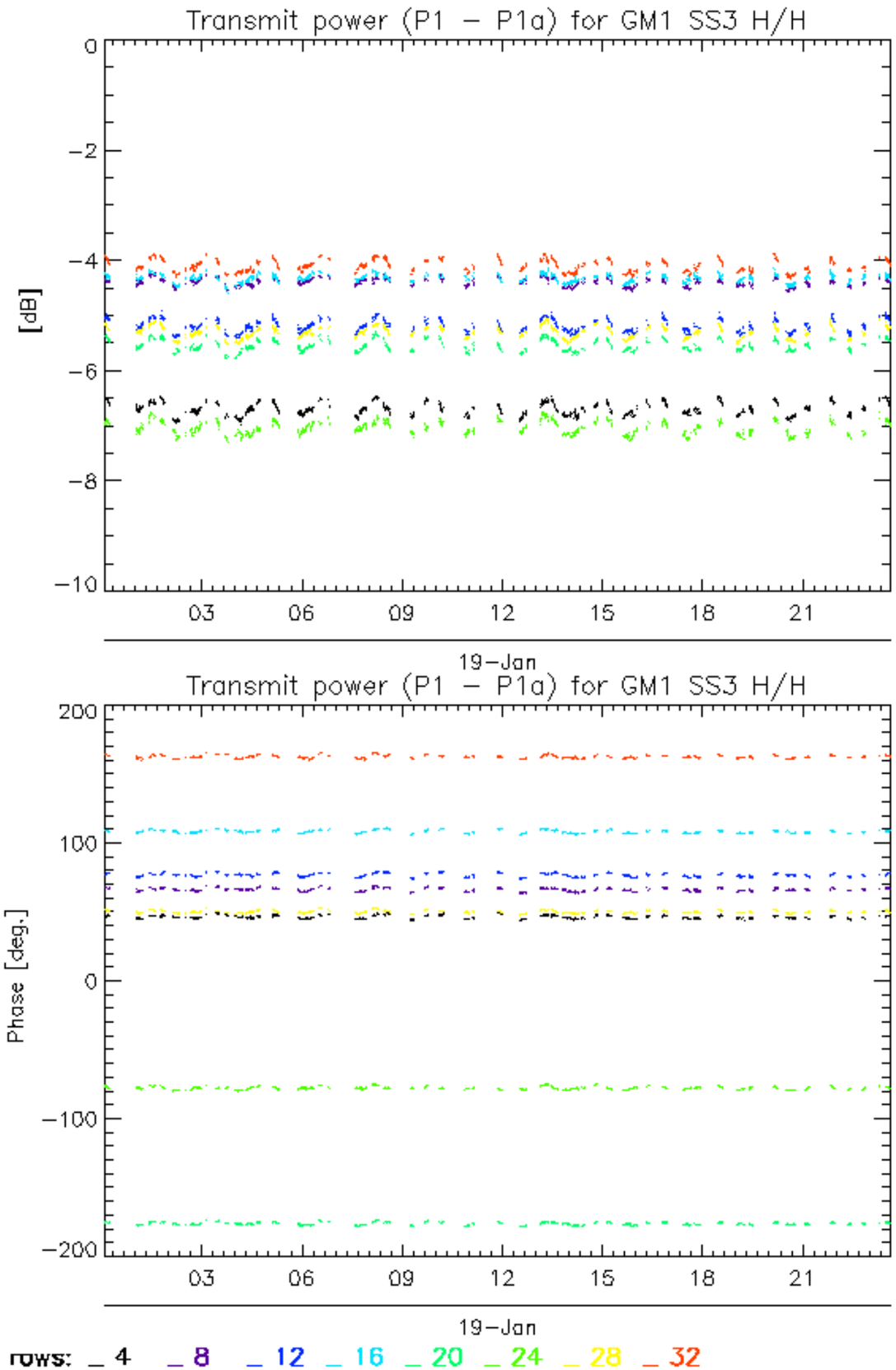

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

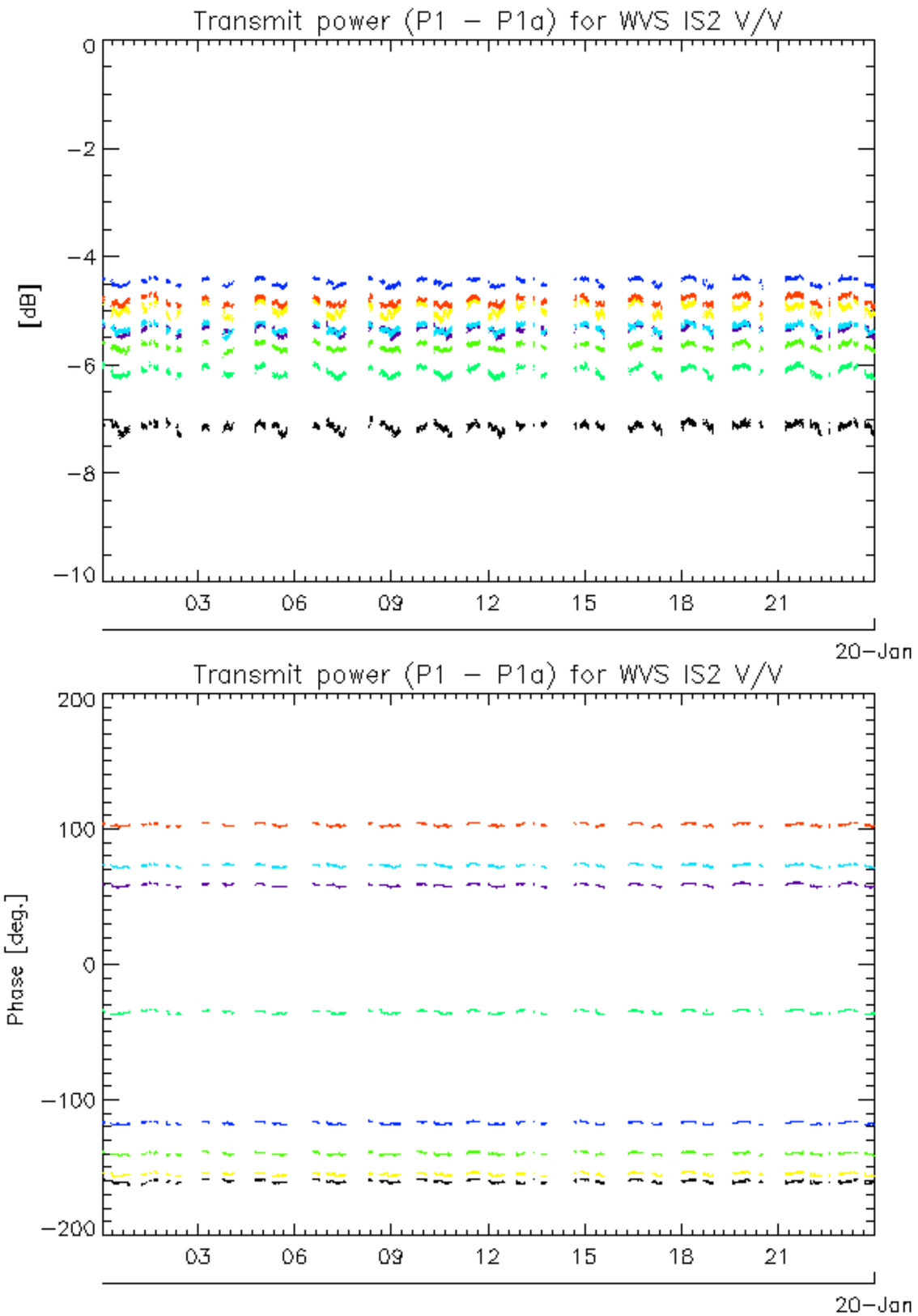

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

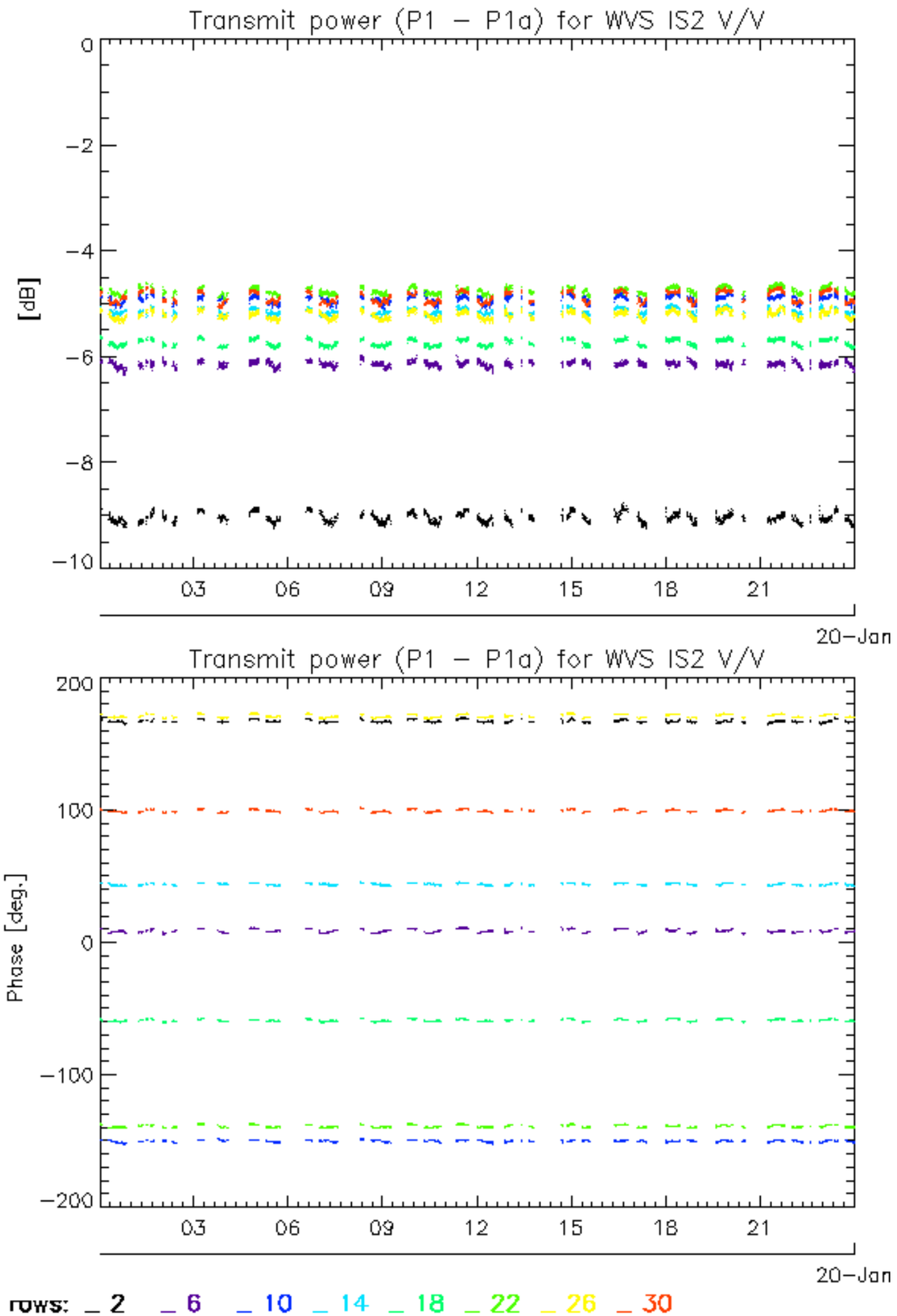

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
19−Jan
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
19−Jan
rows: 1 5 9 13 17 21 25 29

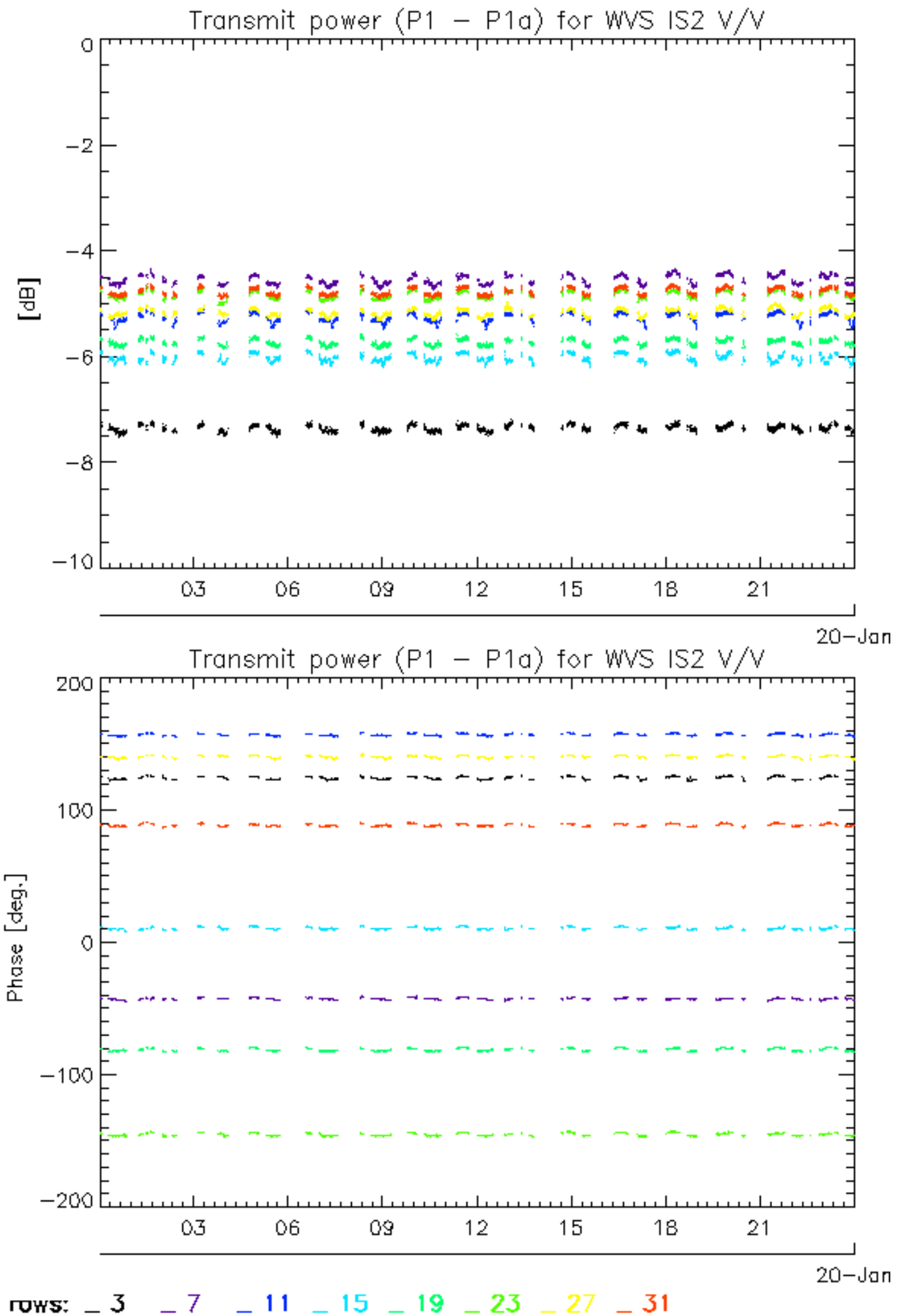

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
19−Jan
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
19−Jan
rows: 2 6 10 14 18 22 26 30

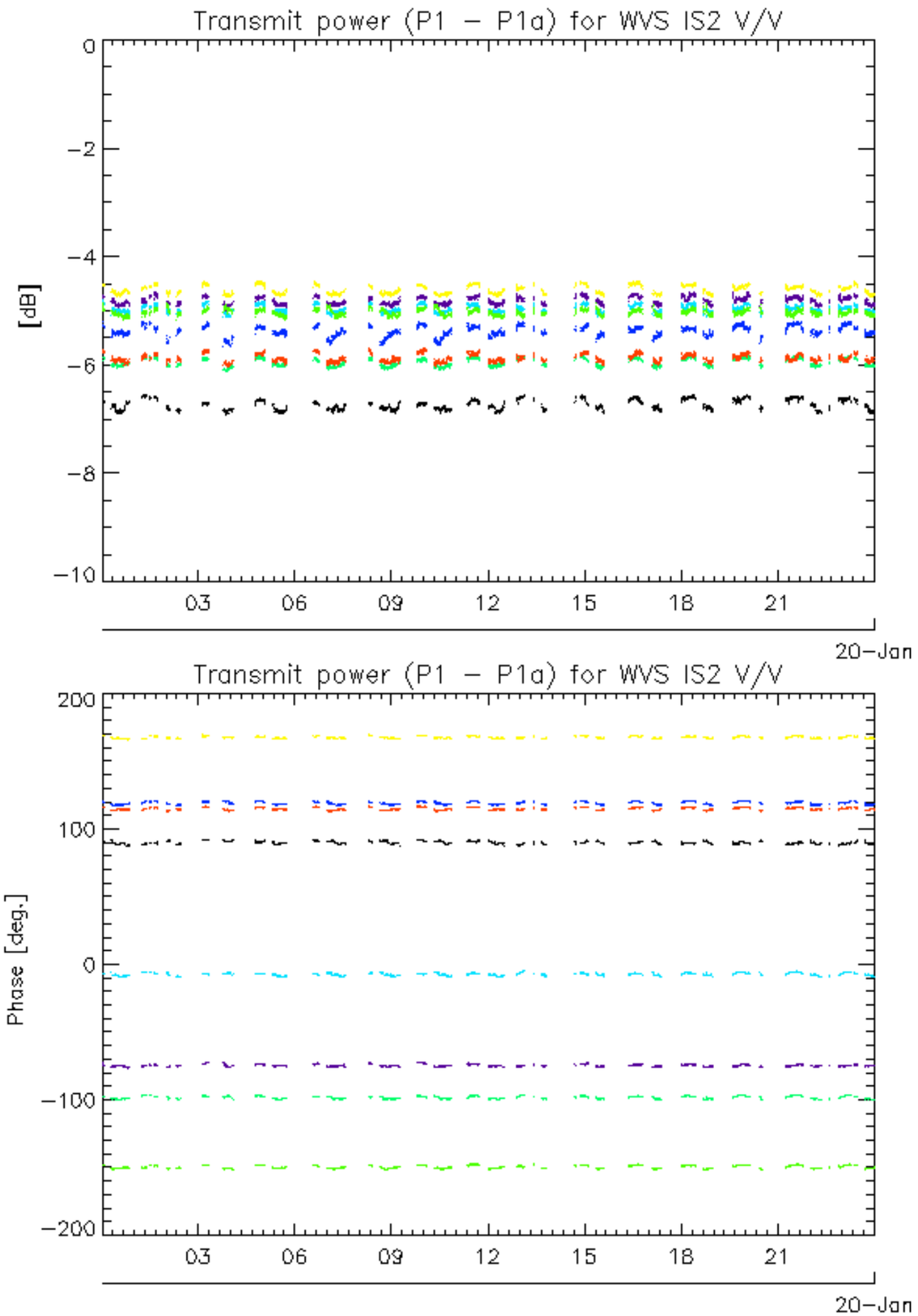

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
19−Jan
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
19−Jan
rows: 3 7 11 15 19 23 27 31

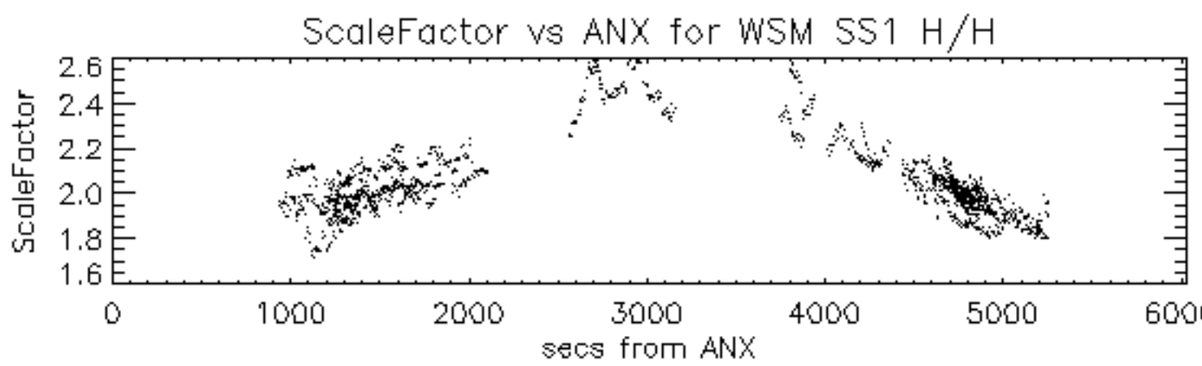

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
19−Jan
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
19−Jan
rows: 4 8 12 16 20 24 28 32

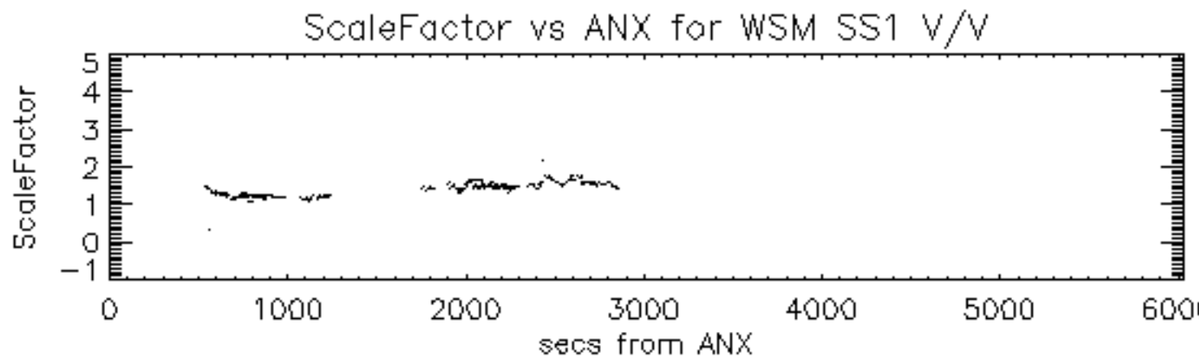

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
20−Jan
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
20−Jan
rows: 1 5 9 13 17 21 25 29

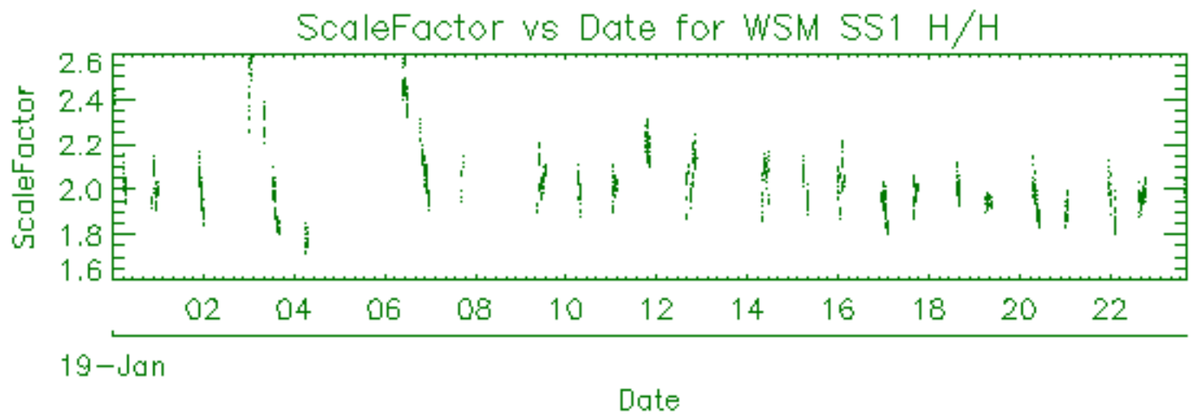

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
20−Jan
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
20−Jan
rows: 2 6 10 14 18 22 26 30

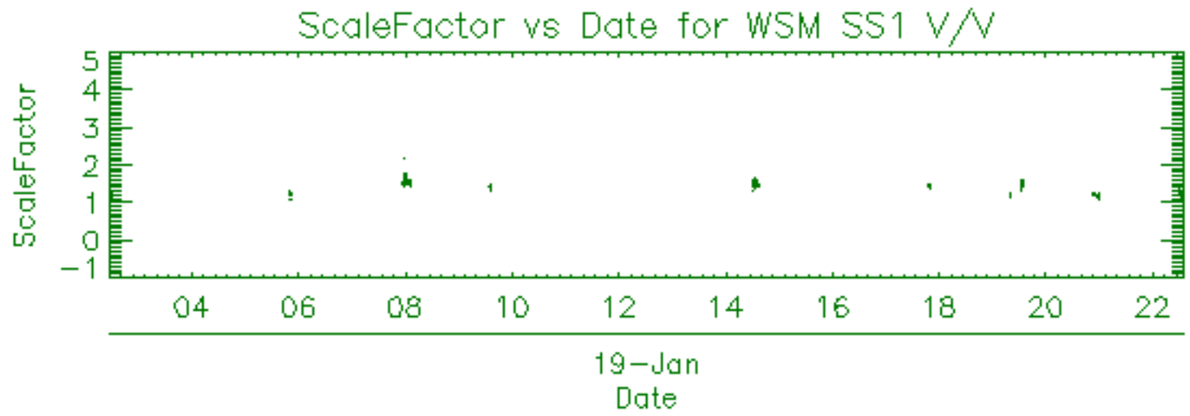

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
20−Jan
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
20−Jan
rows: 3 7 11 15 19 23 27 31


Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
20−Jan
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
20−Jan
rows: 4 8 12 16 20 24 28 32


ScaleFactor vs ANX for WSM SS1 H/H
ScaleFactor
2.6
2.4
2.2
2.0
1.8
1.6
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs ANX for WSM SS1 V/V
ScaleFactor
5
4
3
2
1
0
−1
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs Date for WSM SS1 H/H
ScaleFactor
2.6
2.4
2.2
2.0
1.8
1.6
02
04
06
08
10
12
14
16
18
20
22
19-Jan
Date


ScaleFactor vs Date for WSM SS1 V/V
ScaleFactor
5
4
3
2
1
0
−1
04
06
08
10
12
14
16
18
20
22
19−Jan
Date

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_GM1_1PNPDE20110119_000517_000005433098_00332_46467_2869.N1	SS1	H/H	98	46467	332	5.04
ASA_GM1_1PNPDE20110119_000517_000005433098_00332_46467_2871.N1	SS1	H/H	98	46467	332	5.04
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2894.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_010058_000008463098_00333_46468_2896.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_012402_000003623098_00333_46468_2892.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_013201_000002893098_00333_46468_2889.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_014533_000004533098_00333_46468_2886.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2917.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2911.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2920.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2914.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_020729_000007493098_00333_46468_2908.N1	SS1	H/H	98	46468	333	5.04
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2916.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2910.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2919.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2913.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_023109_000000963098_00334_46469_2907.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_023929_000012083098_00334_46469_2926.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_030621_000000963098_00334_46469_2925.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_032548_000003623098_00334_46469_2939.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_034124_000003263098_00334_46469_2938.N1	SS1	H/H	98	46469	334	5.04
ASA_GM1_1PNPDE20110119_040001_000001873098_00335_46470_2951.N1	SS1	H/H	98	46470	335	5.04
ASA_GM1_1PNPDE20110119_040523_000005923098_00335_46470_2950.N1	SS1	H/H	98	46470	335	5.04
ASA_GM1_1PNPDE20110119_041829_000009433098_00335_46470_2948.N1	SS1	H/H	98	46470	335	5.04
ASA_GM1_1PNPDE20110119_043824_000004163098_00335_46470_2946.N1	SS1	H/H	98	46470	335	5.04
ASA_GM1_1PNPDE20110119_050600_000007793098_00335_46470_2962.N1	SS1	H/H	98	46470	335	5.04
ASA_GM1_1PNPDE20110119_055222_000017283098_00336_46471_2972.N1	SS1	H/H	98	46471	336	5.04
ASA_GM1_1PNPDE20110119_063104_000002353098_00336_46471_2971.N1	SS1	H/H	98	46471	336	5.04
ASA_GM1_1PNPDK20110119_064614_000000723098_00336_46471_0214.N1	SS1	H/H	98	46471	336	5.04
ASA_GM1_1PNPDK20110119_064952_000000843098_00336_46471_0216.N1	SS1	H/H	98	46471	336	5.04
ASA_GM1_1PNPDK20110119_073428_000004223098_00337_46472_0217.N1	SS1	H/H	98	46472	337	5.04
ASA_GM1_1PNPDK20110119_074320_000001633098_00337_46472_0221.N1	SS1	H/H	98	46472	337	5.04
ASA_GM1_1PNPDK20110119_074456_000007133098_00337_46472_0245.N1	SS1	H/H	98	46472	337	5.04
ASA_GM1_1PNPDK20110119_080539_000007073098_00337_46472_0246.N1	SS1	H/H	98	46472	337	5.04
ASA_GM1_1PNPDK20110119_082628_000007793098_00337_46472_0248.N1	SS1	H/H	98	46472	337	5.04
ASA_GM1_1PNPDK20110119_091548_000003923098_00338_46473_0250.N1	SS1	H/H	98	46473	338	5.04
ASA_GM1_1PNPDK20110119_093927_000004473098_00338_46473_0280.N1	SS1	H/H	98	46473	338	5.04
ASA_GM1_1PNPDK20110119_100644_000004773098_00338_46473_0282.N1	SS1	H/H	98	46473	338	5.04
ASA_GM1_1PNPDK20110119_105307_000004653098_00339_46474_0284.N1	SS1	H/H	98	46474	339	5.04
ASA_GM1_1PNPDK20110119_110710_000001933098_00339_46474_0321.N1	SS1	H/H	98	46474	339	5.04
ASA_GM1_1PNPDK20110119_115117_000005193098_00339_46474_0324.N1	SS1	H/H	98	46474	339	5.04
ASA_GM1_1PNPDK20110119_123121_000004223098_00340_46475_0323.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_124123_000002173098_00340_46475_0327.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_124349_000000723098_00340_46475_0338.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_130744_000006163098_00340_46475_0339.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_131801_000003923098_00340_46475_0342.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_132710_000007793098_00340_46475_0343.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_134839_000003683098_00340_46475_0345.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_135545_000002653098_00340_46475_0344.N1	SS1	H/H	98	46475	340	5.04
ASA_GM1_1PNPDK20110119_140109_000001873098_00341_46476_0349.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_140501_000002053098_00341_46476_0348.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_140957_000005193098_00341_46476_0350.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_142317_000000843098_00341_46476_0381.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_142625_000000963098_00341_46476_0382.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_144539_000004163098_00341_46476_0384.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_150724_000003083098_00341_46476_0385.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_151446_000002353098_00341_46476_0387.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_153744_000012693098_00341_46476_0389.N1	SS1	H/H	98	46476	341	5.04
ASA_GM1_1PNPDK20110119_160232_000000963098_00342_46477_0411.N1	SS1	H/H	98	46477	342	5.04
ASA_GM1_1PNPDK20110119_161946_000000783098_00342_46477_0413.N1	SS1	H/H	98	46477	342	5.04
ASA_GM1_1PNPDK20110119_162247_000001263098_00342_46477_0414.N1	SS1	H/H	98	46477	342	5.04
ASA_GM1_1PNPDK20110119_164740_000005983098_00342_46477_0416.N1	SS1	H/H	98	46477	342	5.04
ASA_GM1_1PNPDK20110119_172430_000008283098_00343_46478_0418.N1	SS1	H/H	98	46478	343	5.04
ASA_GM1_1PNPDK20110119_173705_000001143098_00343_46478_0442.N1	SS1	H/H	98	46478	343	5.04
ASA_GM1_1PNPDK20110119_174513_000001873098_00343_46478_0443.N1	SS1	H/H	98	46478	343	5.04
ASA_GM1_1PNPDK20110119_174957_000003623098_00343_46478_0444.N1	SS1	H/H	98	46478	343	5.04
ASA_GM1_1PNPDK20110119_182752_000005493098_00343_46478_0447.N1	SS1	H/H	98	46478	343	5.04

ASA_GM1_1PNPDK20110119_190029_000005613098_00344_46479_0448.N1	SS1	H/H	98	46479	344	5.04
ASA_GM1_1PNPDK20110119_191224_000001693098_00344_46479_0449.N1	SS1	H/H	98	46479	344	5.04
ASA_GM1_1PNPDK20110119_192255_000005433098_00344_46479_0475.N1	SS1	H/H	98	46479	344	5.04
ASA_GM1_1PNPDK20110119_200805_000005433098_00344_46479_0477.N1	SS1	H/H	98	46479	344	5.04
ASA_GM1_1PNPDK20110119_203054_000010153098_00344_46479_0480.N1	SS1	H/H	98	46479	344	5.04
ASA_GM1_1PNPDE20110119_210450_000005193098_00345_46480_3074.N1	SS1	H/H	98	46480	345	5.04
ASA_GM1_1PNPDE20110119_214821_000005673098_00345_46480_3082.N1	SS1	H/H	98	46480	345	5.04
ASA_GM1_1PNPDE20110119_222107_000004593098_00346_46481_3092.N1	SS1	H/H	98	46481	346	5.04
ASA_GM1_1PNPDE20110119_224745_000003143098_00346_46481_3095.N1	SS1	H/H	98	46481	346	5.04
ASA_GM1_1PNPDE20110119_231704_000001203098_00346_46481_3096.N1	SS1	H/H	98	46481	346	5.04
ASA_GM1_1PNPDE20110119_232836_000005983098_00346_46481_3098.N1	SS1	H/H	98	46481	346	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20110119_043408_000002433098_00335_46470_2934.N1	IS6	H/H	98	46470	335	5.04					
ASA_IMM_1PNPDE20110119_054626_000001733098_00336_46471_2957.N1	IS6	H/H	98	46471	336	5.04					
ASA_IMM_1PNPDE20110119_062109_000000373098_00336_46471_2959.N1	IS2	V/V	98	46471	336	5.04					
ASA_IMM_1PNPDK20110119_111023_000001123098_00339_46474_0292.N1	IS6	H/H	98	46474	339	5.04					
ASA_IMM_1PNPDK20110119_140006_000000533098_00341_46476_0364.N1	IS2	H/H	98	46476	341	5.04					
ASA_IMM_1PNPDE20110119_175958_000000363098_00343_46478_3065.N1	IS3	V/V	98	46478	343	5.04					
ASA_IMM_1PNPDE20110119_231905_000000803098_00346_46481_3089.N1	IS2	H/H	98	46481	346	5.04					

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Filename     Pol    Timestamp    count(Module)
 ASA_MS__0PNPDK20110119_082455_000000163098_00337_46472_0408.N1  H      2011-01-19 08:24:55 320
 ASA_MS__0PNPDK20110119_100509_000000163098_00338_46473_0409.N1  V      2011-01-19 10:05:09 320
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_WSM_1PNPDE20110118_235902_000002083098_00332_46467_2856.N1	SS1	H/H	98	46467	332	5.04
ASA_WSM_1PNPDE20110119_001426_000002323098_00332_46467_2857.N1	SS1	H/H	98	46467	332	5.04
ASA_WSM_1PNPDE20110119_005223_000005083098_00333_46468_2885.N1	SS1	H/H	98	46468	333	5.04
ASA_WSM_1PNPDE20110119_015309_000004533098_00333_46468_2891.N1	SS1	H/H	98	46468	333	5.04
ASA_WSM_1PNPDE20110119_022732_000002083098_00334_46469_2905.N1	SS1	V/V	98	46469	334	5.04
ASA_WSM_1PNPDE20110119_025942_000002083098_00334_46469_2904.N1	SS1	H/H	98	46469	334	5.04
ASA_WSM_1PNPDE20110119_031930_000001533098_00334_46469_2930.N1	SS1	H/H	98	46469	334	5.04
ASA_WSM_1PNPDE20110119_033156_000005143098_00334_46469_2935.N1	SS1	H/H	98	46469	334	5.04
ASA_WSM_1PNPDE20110119_041521_000001843098_00335_46470_2936.N1	SS1	H/H	98	46470	335	5.04
ASA_WSM_1PNPDE20110119_054947_000001533098_00336_46471_2958.N1	SS1	V/V	98	46471	336	5.04
ASA_WSM_1PNPDE20110119_062233_000004833098_00336_46471_2960.N1	SS1	H/H	98	46471	336	5.04
ASA_WSM_1PNPDE20110119_064736_000001353098_00336_46471_2974.N1	SS1	H/H	98	46471	336	5.04
ASA_WSM_1PNPDK20110119_065127_000004343098_00336_46471_0228.N1	SS1	H/H	98	46471	336	5.04
ASA_WSM_1PNPDK20110119_074136_000001043098_00337_46472_0229.N1	SS1	H/H	98	46472	337	5.04
ASA_WSM_1PNPDE20110119_075651_000005263098_00337_46472_2993.N1	SS1	V/V	98	46472	337	5.04
ASA_WSM_1PNPDK20110119_092224_000004163098_00338_46473_0259.N1	SS1	H/H	98	46473	338	5.04
ASA_WSM_1PNPDK20110119_092945_000002143098_00338_46473_0260.N1	SS1	H/H	98	46473	338	5.04
ASA_WSM_1PNPDK20110119_093346_000001163098_00338_46473_0261.N1	SS1	V/V	98	46473	338	5.04
ASA_WSM_1PNPDE20110119_101445_000002693098_00338_46473_3037.N1	SS1	H/H	98	46473	338	5.04
ASA_WSM_1PNPDE20110119_110053_000002813098_00339_46474_3029.N1	SS1	H/H	98	46474	339	5.04
ASA_WSM_1PNPDK20110119_110434_000001533098_00339_46474_0291.N1	SS1	H/H	98	46474	339	5.04
ASA_WSM_1PNPDE20110119_114509_000003673098_00339_46474_3040.N1	SS1	H/H	98	46474	339	5.04
ASA_WSM_1PNPDK20110119_123827_000001713098_00340_46475_0326.N1	SS1	H/H	98	46475	340	5.04
ASA_WSM_1PNPDK20110119_124511_000004283098_00340_46475_0333.N1	SS1	H/H	98	46475	340	5.04
ASA_WSM_1PNPDK20110119_141842_000002693098_00341_46476_0362.N1	SS1	H/H	98	46476	341	5.04
ASA_WSM_1PNPDK20110119_142449_000000923098_00341_46476_0367.N1	SS1	H/H	98	46476	341	5.04
ASA_WSM_1PNPDK20110119_142806_000000983098_00341_46476_0365.N1	SS1	H/H	98	46476	341	5.04
ASA_WSM_1PNPDE20110119_143014_000004283098_00341_46476_3057.N1	SS1	V/V	98	46476	341	5.04
ASA_WSM_1PNPDE20110119_151238_000001223098_00341_46476_3059.N1	SS1	H/H	98	46476	341	5.04
ASA_WSM_1PNPDE20110119_151844_000001533098_00341_46476_3058.N1	SS1	H/H	98	46476	341	5.04
ASA_WSM_1PNPDK20110119_155856_000002083098_00342_46477_0395.N1	SS1	H/H	98	46477	342	5.04
ASA_WSM_1PNPDE20110119_160418_000002693098_00342_46477_3062.N1	SS1	H/H	98	46477	342	5.04
ASA_WSM_1PNPDE20110119_165743_000005443098_00342_46477_3061.N1	SS1	H/H	98	46477	342	5.04
ASA_WSM_1PNPDK20110119_173904_000002323098_00343_46478_0426.N1	SS1	H/H	98	46478	343	5.04
ASA_WSM_1PNPDE20110119_174219_000001713098_00343_46478_3063.N1	SS1	H/H	98	46478	343	5.04
ASA_WSM_1PNPDE20110119_174820_000000923098_00343_46478_3066.N1	SS1	V/V	98	46478	343	5.04
ASA_WSM_1PNPDE20110119_183703_000002513098_00343_46478_3064.N1	SS1	H/H	98	46478	343	5.04
ASA_WSM_1PNPDK20110119_191515_000001533098_00344_46479_0451.N1	SS1	H/H	98	46479	344	5.04
ASA_WSM_1PNPDE20110119_191850_000000923098_00344_46479_3067.N1	SS1	V/V	98	46479	344	5.04
ASA_WSM_1PNPDK20110119_192053_000001163098_00344_46479_0458.N1	SS1	H/H	98	46479	344	5.04
ASA_WSM_1PNPDE20110119_193205_000002083098_00344_46479_3070.N1	SS1	V/V	98	46479	344	5.04
ASA_WSM_1PNPDE20110119_201710_000002513098_00344_46479_3068.N1	SS1	H/H	98	46479	344	5.04
ASA_WSM_1PNPDE20110119_202250_000002323098_00344_46479_3069.N1	SS1	H/H	98	46479	344	5.04
ASA_WSM_1PNPDK20110119_205124_000003003098_00345_46480_0486.N1	SS1	V/V	98	46480	345	5.04
ASA_WSM_1PNPDK20110119_205731_000000923098_00345_46480_0483.N1	SS1	V/V	98	46480	345	5.04
ASA_WSM_1PNPDE20110119_210017_000002693098_00345_46480_3084.N1	SS1	H/H	98	46480	345	5.04
ASA_WSM_1PNPDK20110119_210034_000001653098_00345_46480_0489.N1	SS1	H/H	98	46480	345	5.04
ASA_WSM_1PNPDE20110119_215749_000002083098_00345_46480_3071.N1	SS1	H/H	98	46480	345	5.04
ASA_WSM_1PNPDE20110119_220503_000001533098_00345_46480_3073.N1	SS1	H/H	98	46480	345	5.04
ASA_WSM_1PNPDE20110119_222851_000003613098_00346_46481_3086.N1	SS1	V/V	98	46481	346	5.04
ASA_WSM_1PNPDK20110119_223658_000003493098_00346_46481_0504.N1	SS1	H/H	98	46481	346	5.04
ASA_WSM_1PNPDE20110119_224344_000002393098_00346_46481_3088.N1	SS1	H/H	98	46481	346	5.04
ASA_WSM_1PNPDE20110119_233838_000001533098_00346_46481_3090.N1	SS1	H/H	98	46481	346	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_WVS_1PNPDE20110119_000233_000001203098_00332_46467_2867.N1	IS2	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2870.N1	IS2	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2868.N1	IS2	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_002436_000016193098_00332_46467_2897.N1	IS2	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2868.N1	IS1	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_001821_000004343098_00332_46467_2870.N1	IS1	V/V	98	46467	332	5.04
ASA_WVS_1PNPDE20110119_011505_000004863098_00333_46468_2893.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_013005_000000743098_00333_46468_2890.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_013655_000004653098_00333_46468_2888.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020041_000001193098_00333_46468_2887.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2918.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2912.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2906.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2915.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020156_000002853098_00333_46468_2909.N1	IS2	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_020041_000001193098_00333_46468_2887.N1	IS1	V/V	98	46468	333	5.04
ASA_WVS_1PNPDE20110119_022003_000004043098_00334_46469_2924.N1	IS2	V/V	98	46469	334	5.04
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ASA_WVS_1PNPDE20110119_045825_000004053098_00335_46470_2961.N1	IS2	V/V	98	46470	335	5.04
ASA_WVS_1PNPDE20110119_051900_000015893098_00335_46470_2970.N1	IS2	V/V	98	46470	335	5.04
ASA_WVS_1PNPDE20110119_063503_000002703098_00336_46471_2969.N1	IS2	V/V	98	46471	336	5.04
ASA_WVS_1PNPDK20110119_063903_000003903098_00336_46471_0215.N1	IS2	V/V	98	46471	336	5.04
ASA_WVS_1PNPDE20110119_063503_000002703098_00336_46471_2969.N1	IS1	V/V	98	46471	336	5.04
ASA_WVS_1PNPDK20110119_065905_000020843098_00336_46471_0218.N1	IS2	V/V	98	46471	336	5.04
ASA_WVS_1PNPDK20110119_081729_000004053098_00337_46472_0247.N1	IS2	V/V	98	46472	337	5.04
ASA_WVS_1PNPDK20110119_083928_000021443098_00337_46472_0249.N1	IS2	V/V	98	46472	337	5.04
ASA_WVS_1PNPDK20110119_094658_000010493098_00338_46473_0281.N1	IS2	V/V	98	46473	338	5.04
ASA_WVS_1PNPDK20110119_101933_000019643098_00338_46473_0283.N1	IS2	V/V	98	46473	338	5.04
ASA_WVS_1PNPDK20110119_112141_000013643098_00339_46474_0322.N1	IS2	V/V	98	46474	339	5.04
ASA_WVS_1PNPDK20110119_115956_000018393098_00339_46474_0325.N1	IS2	V/V	98	46474	339	5.04
ASA_WVS_1PNPDK20110119_125221_000008843098_00340_46475_0341.N1	IS2	V/V	98	46475	340	5.04
ASA_WVS_1PNPDK20110119_132434_000001053098_00340_46475_0340.N1	IS2	V/V	98	46475	340	5.04
ASA_WVS_1PNPDK20110119_134010_000004653098_00340_46475_0347.N1	IS2	V/V	98	46475	340	5.04
ASA_WVS_1PNPDK20110119_144152_000001793098_00341_46476_0383.N1	IS2	V/V	98	46476	341	5.04
ASA_WVS_1PNPDK20110119_145237_000008403098_00341_46476_0386.N1	IS2	V/V	98	46476	341	5.04
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ASA_WVS_1PNPDK20110119_162113_000000443098_00342_46477_0412.N1	IS2	V/V	98	46477	342	5.04
ASA_WVS_1PNPDK20110119_162457_000013193098_00342_46477_0415.N1	IS2	V/V	98	46477	342	5.04
ASA_WVS_1PNPDK20110119_170645_000010193098_00342_46477_0417.N1	IS2	V/V	98	46477	342	5.04
ASA_WVS_1PNPDK20110119_180042_000015893098_00343_46478_0446.N1	IS2	V/V	98	46478	343	5.04
ASA_WVS_1PNPDK20110119_184129_000000903098_00343_46478_0445.N1	IS2	V/V	98	46478	343	5.04
ASA_WVS_1PNPDK20110119_184619_000008093098_00343_46478_0450.N1	IS2	V/V	98	46478	343	5.04
ASA_WVS_1PNPDK20110119_193535_000019043098_00344_46479_0476.N1	IS2	V/V	98	46479	344	5.04
ASA_WVS_1PNPDK20110119_202642_000002103098_00344_46479_0479.N1	IS2	V/V	98	46479	344	5.04
ASA_WVS_1PNPDE20110119_211328_000020543098_00345_46480_3075.N1	IS2	V/V	98	46480	345	5.04
ASA_WVS_1PNPDE20110119_220117_000001803098_00345_46480_3072.N1	IS2	V/V	98	46480	345	5.04
ASA_WVS_1PNPDE20110119_220733_000000903098_00345_46480_3081.N1	IS2	V/V	98	46480	345	5.04
ASA_WVS_1PNPDE20110119_220818_000007193098_00345_46480_3091.N1	IS2	V/V	98	46480	345	5.04
ASA_WVS_1PNPDE20110119_223448_000000903098_00346_46481_3093.N1	IS2	V/V	98	46481	346	5.04
ASA_WVS_1PNPDE20110119_225259_000013943098_00346_46481_3094.N1	IS2	V/V	98	46481	346	5.04
ASA_WVS_1PNPDE20110119_232109_000004053098_00346_46481_3097.N1	IS2	V/V	98	46481	346	5.04
ASA_WVS_1PNPDE20110119_234125_000004503098_00346_46481_3099.N1	IS2	V/V	98	46481	346	5.04
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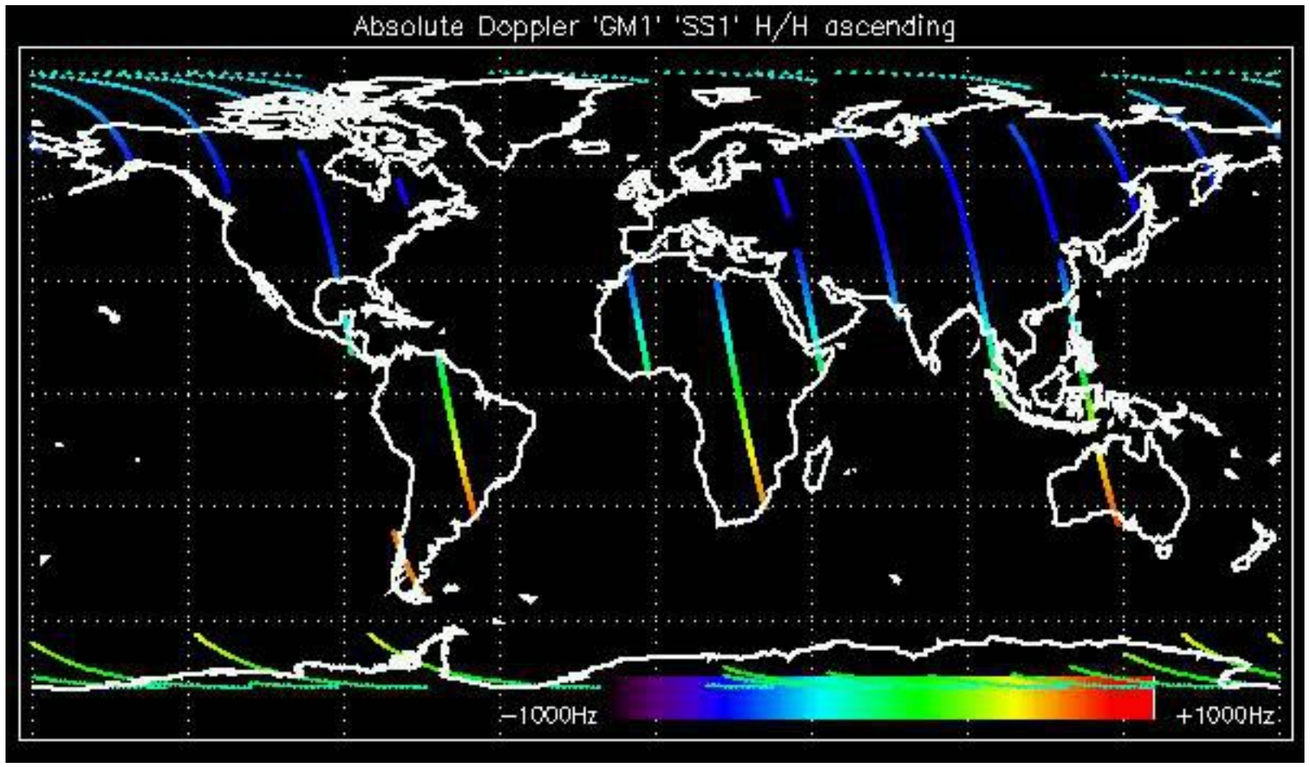
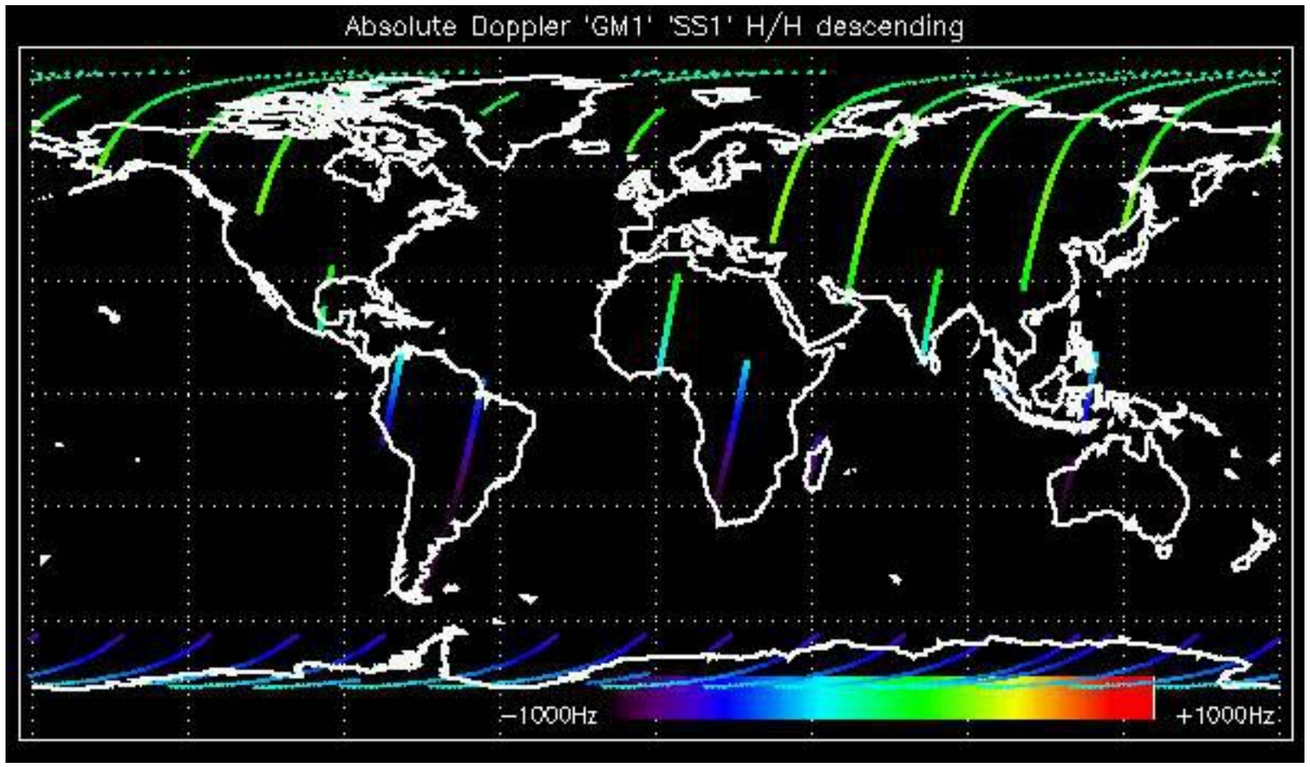
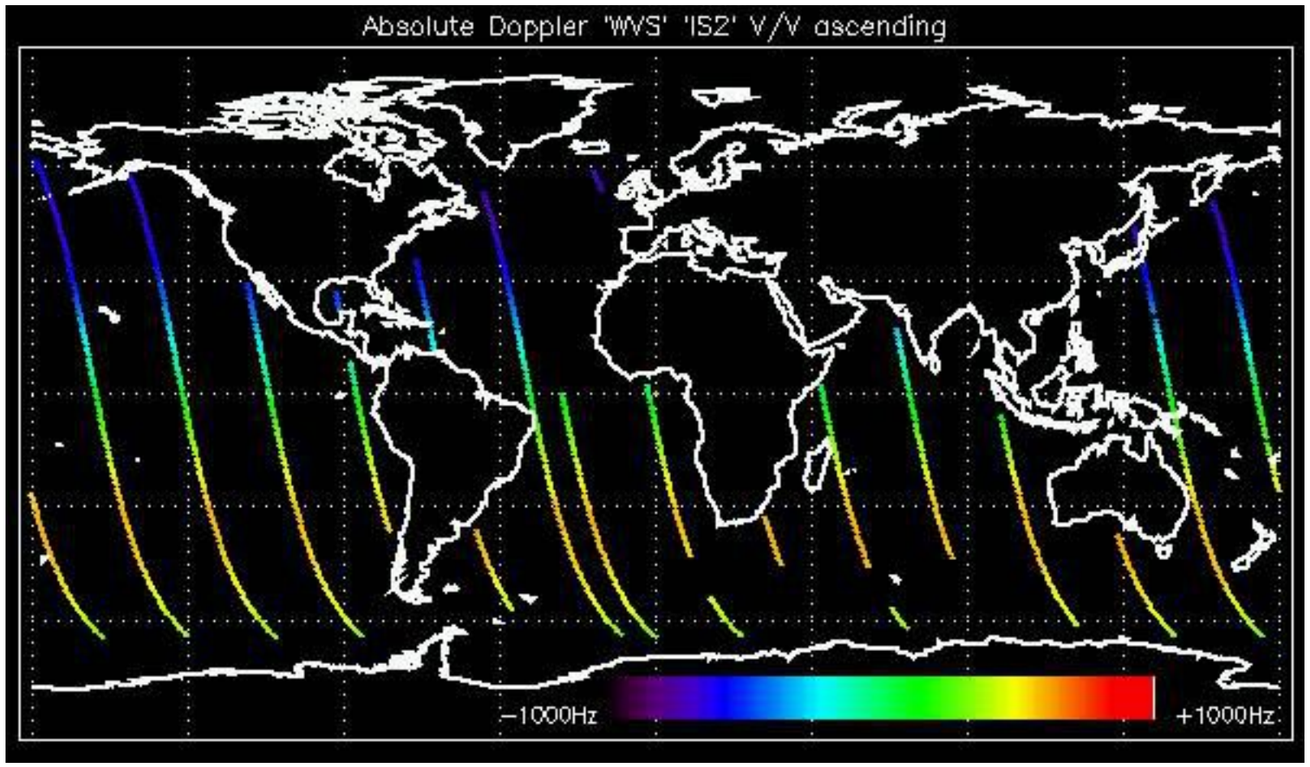
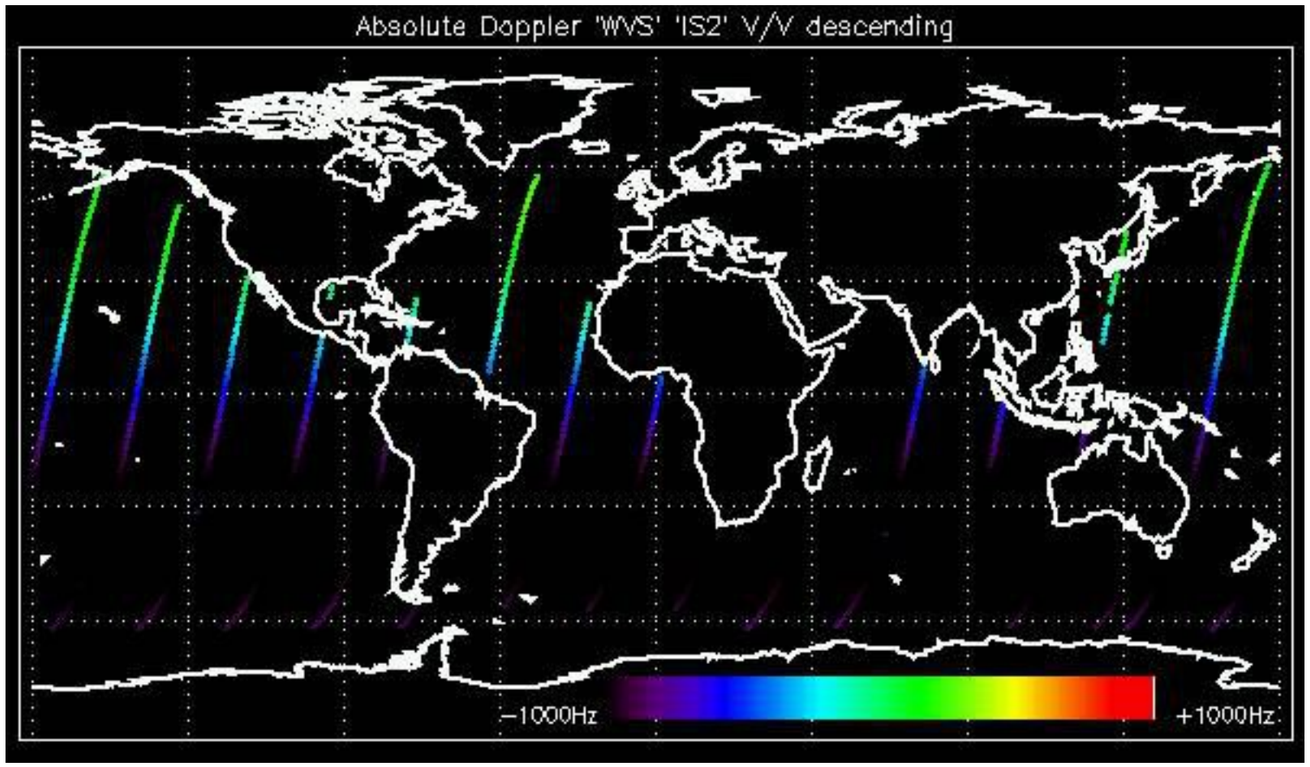
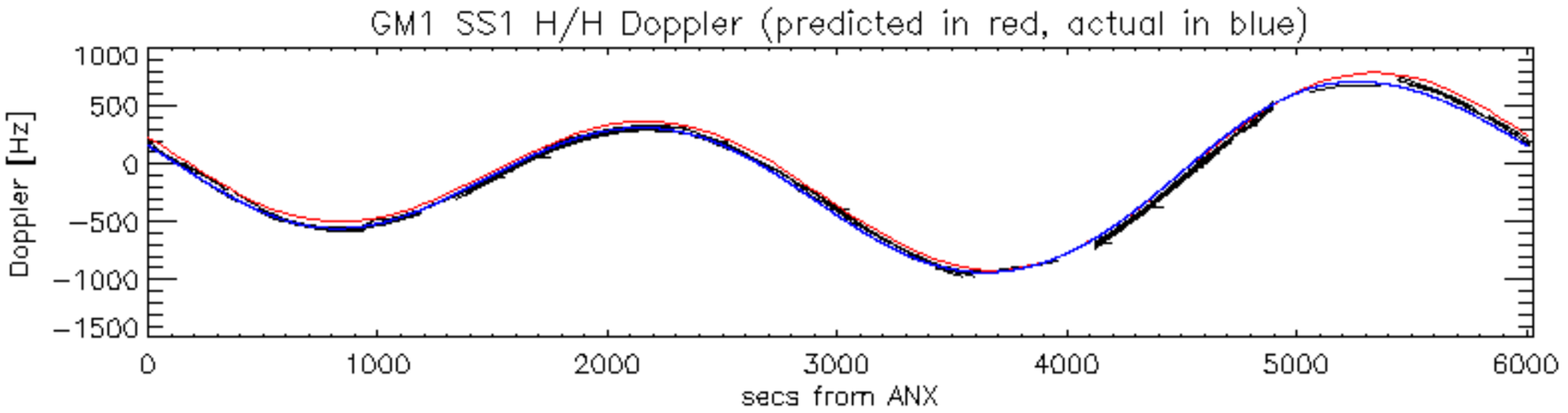
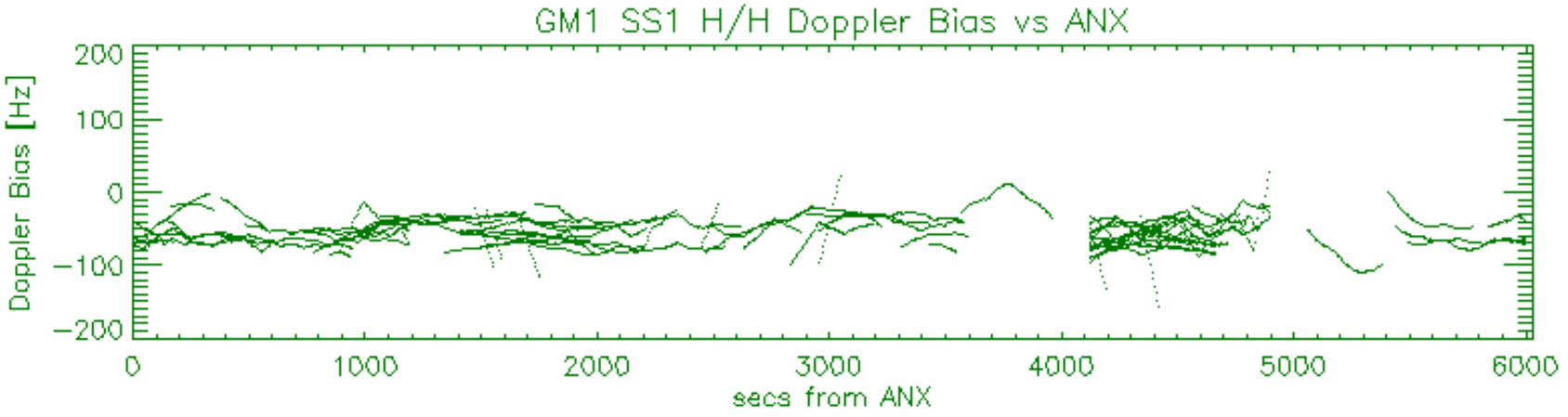

Absolute Doppler 'GM1' 'SS1' H/H ascending
−1000Hz
+1000Hz

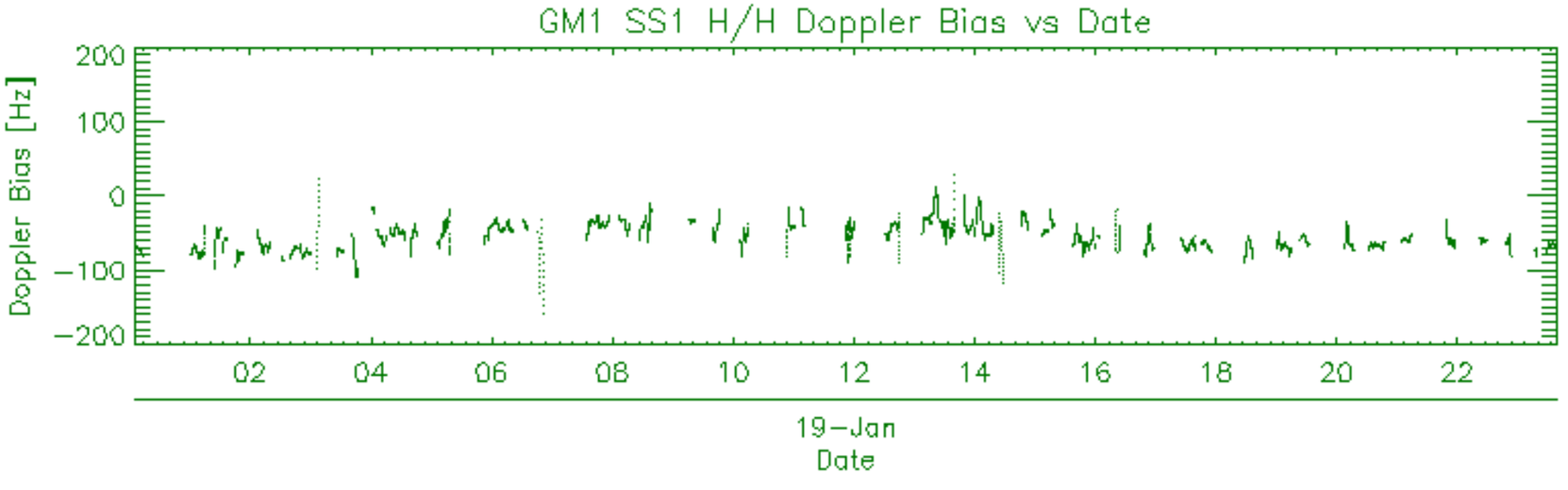

Absolute Doppler 'GM1' 'SS1' H/H descending
−1000Hz
+1000Hz

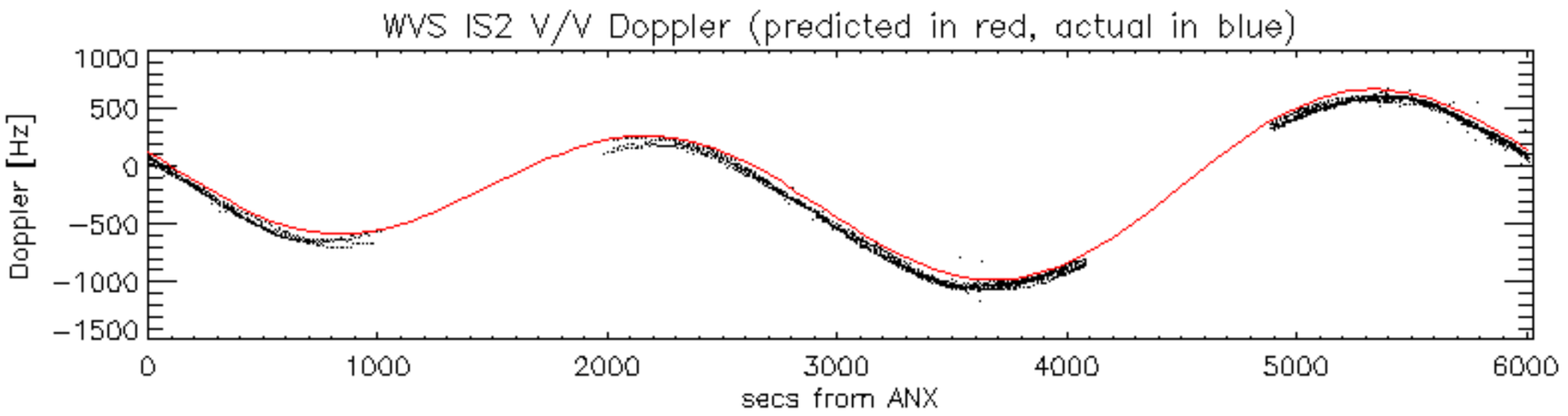

Absolute Doppler 'WVS' 'IS2' V/V ascending
−1000Hz
+1000Hz

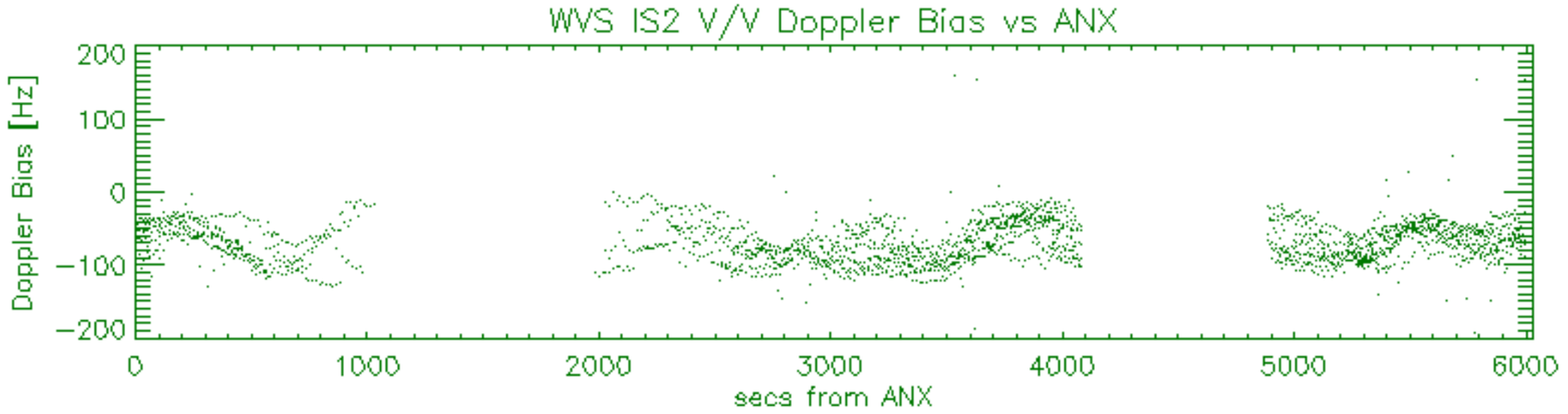

Absolute Doppler 'WVS' 'IS2' V/V descending
−1000Hz
+1000Hz

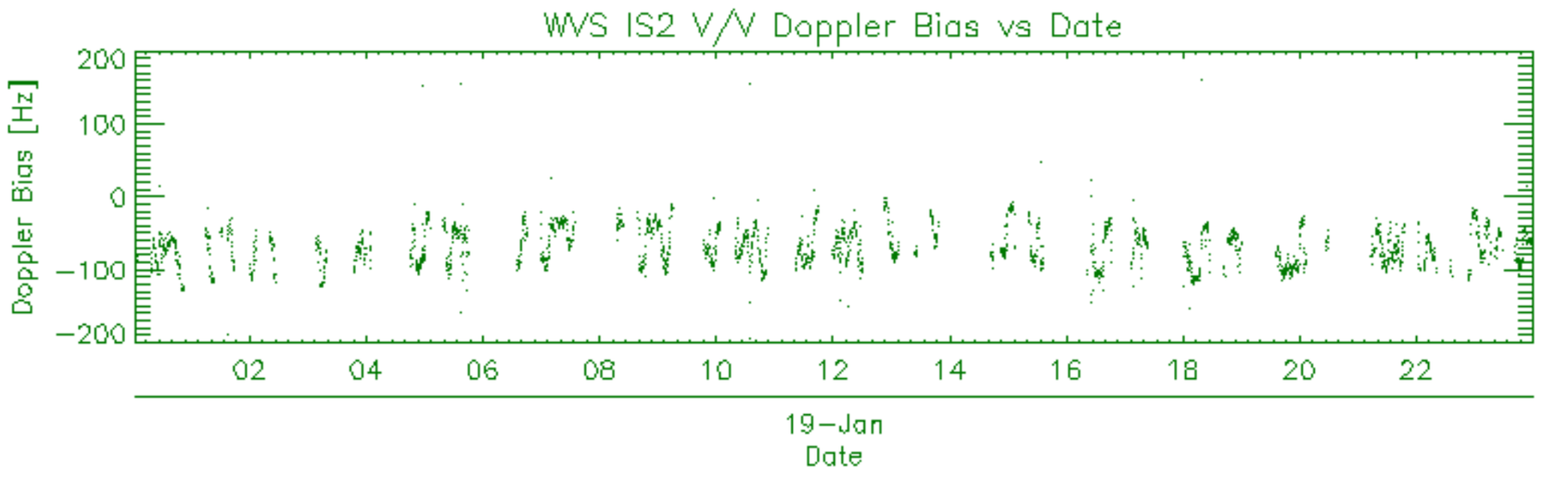

GM1 SS1 H/H Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

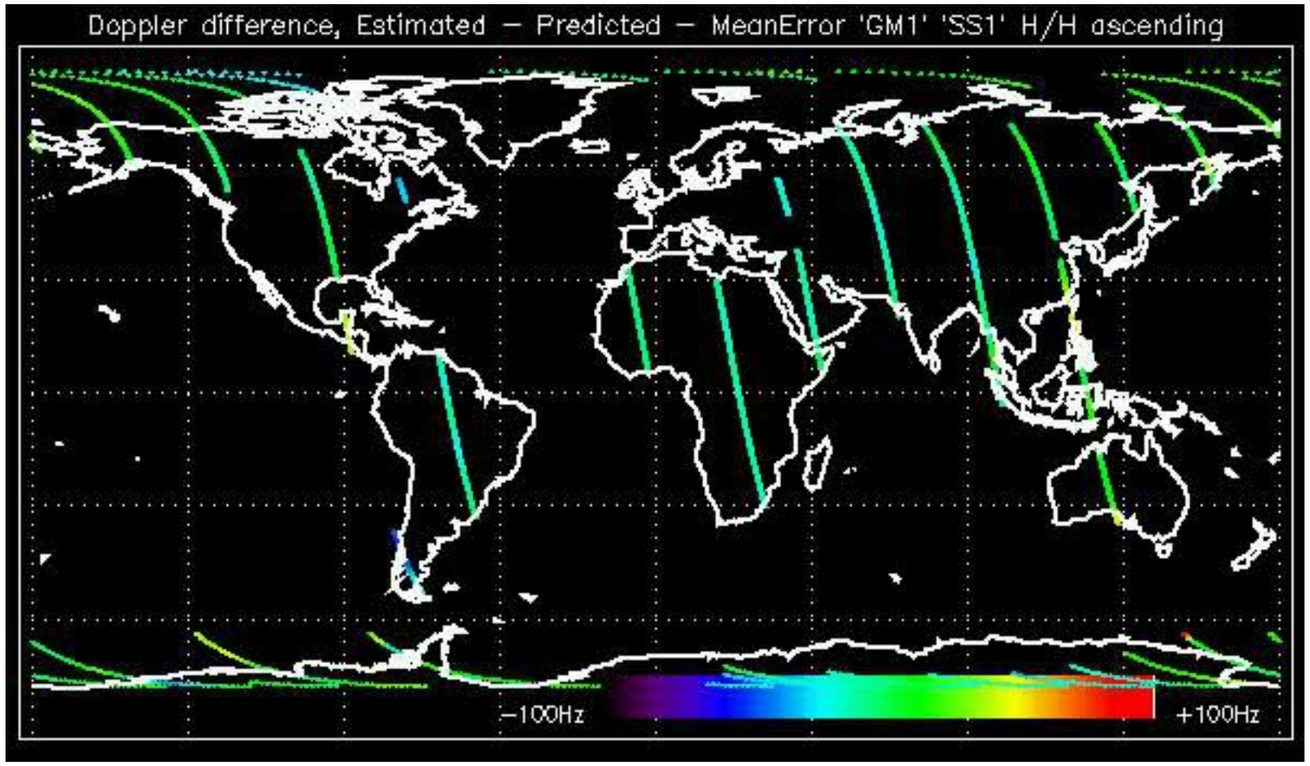

GM1 SS1 H/H Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

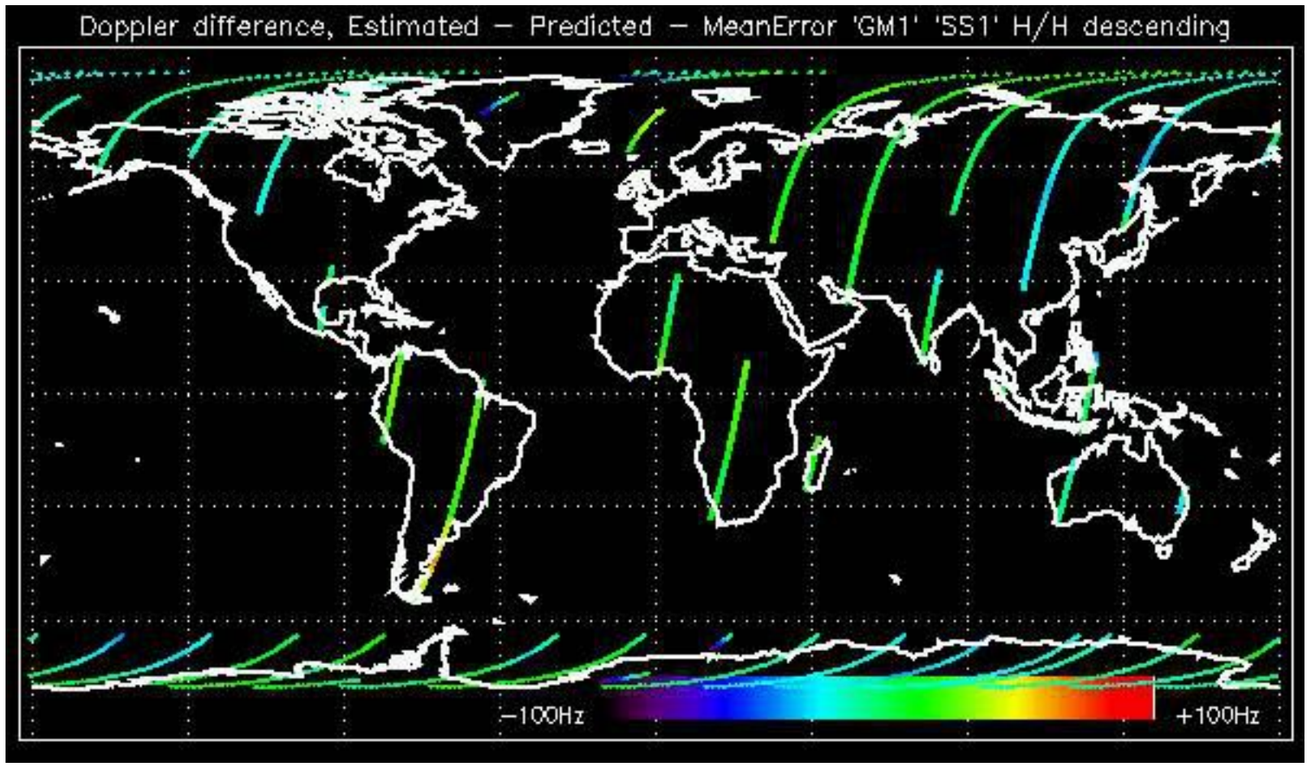

GM1 SS1 H/H Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
19−Jan
Date

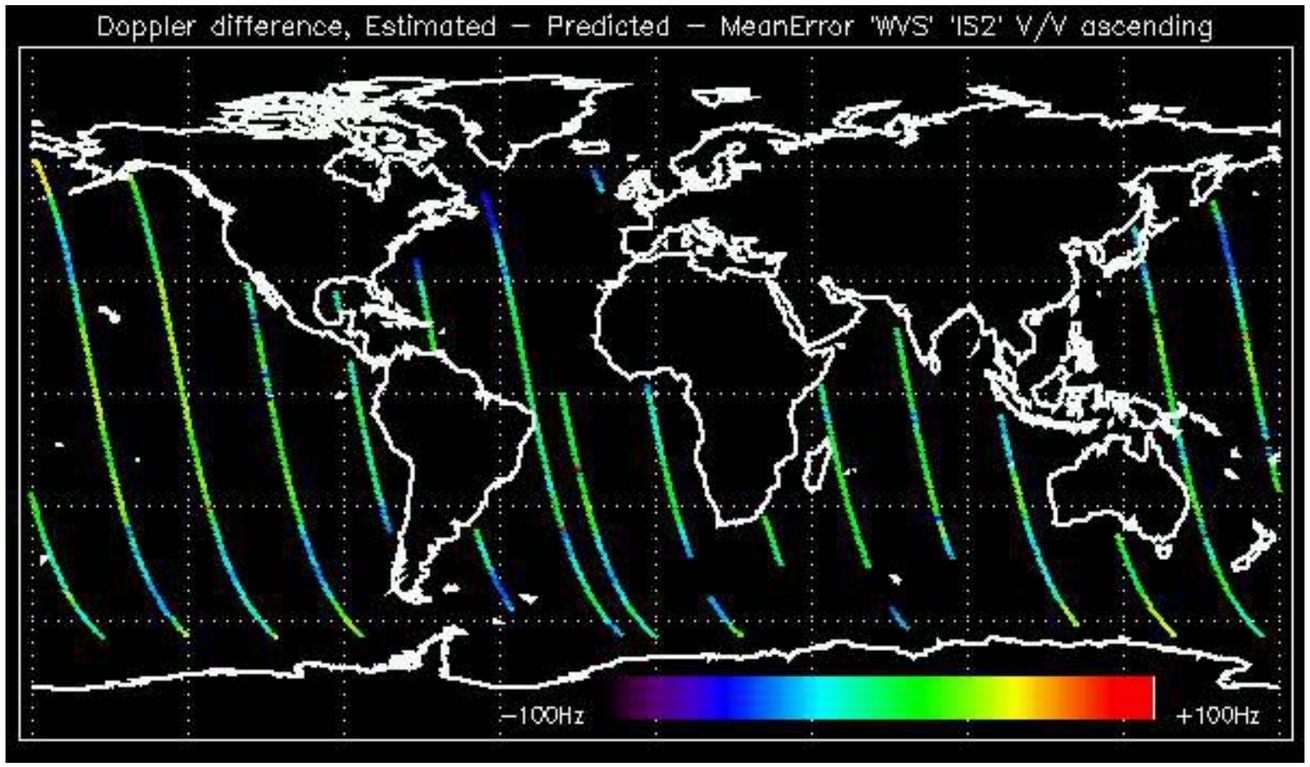

WVS IS2 V/V Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

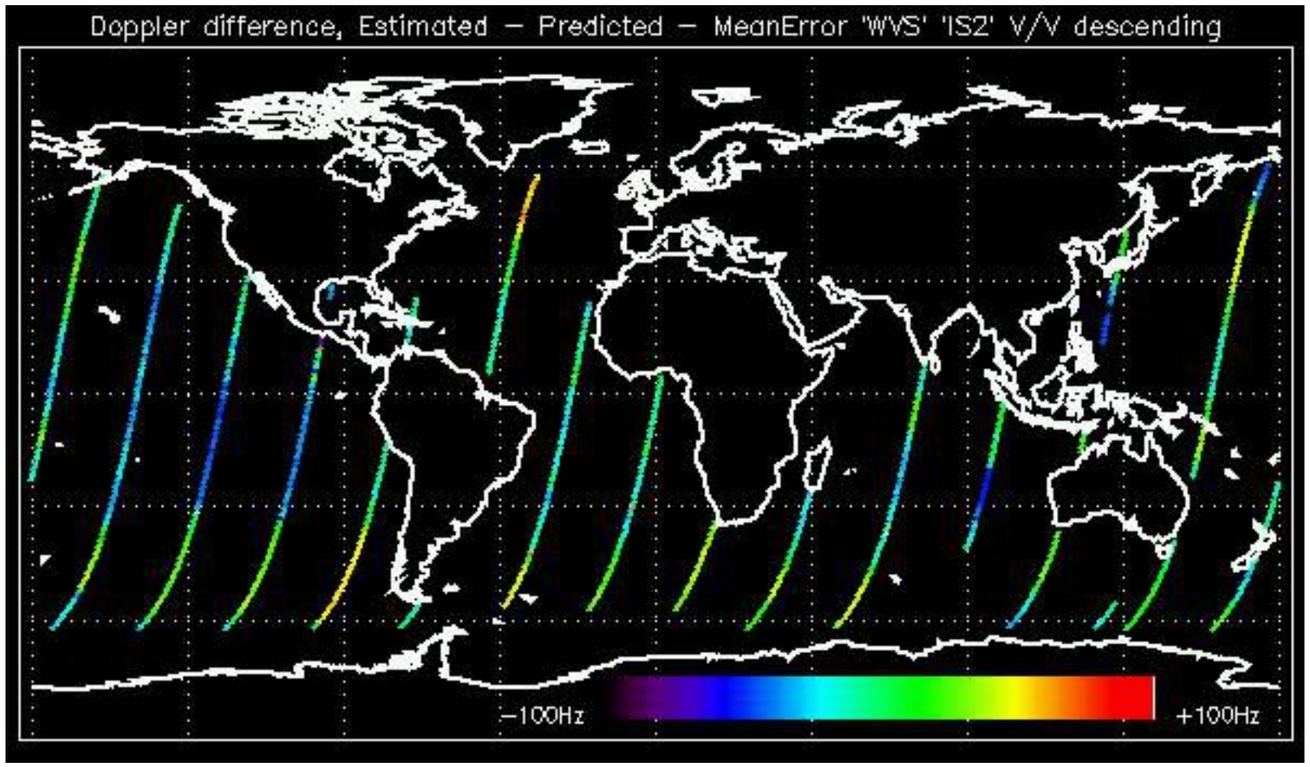

WVS IS2 V/V Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

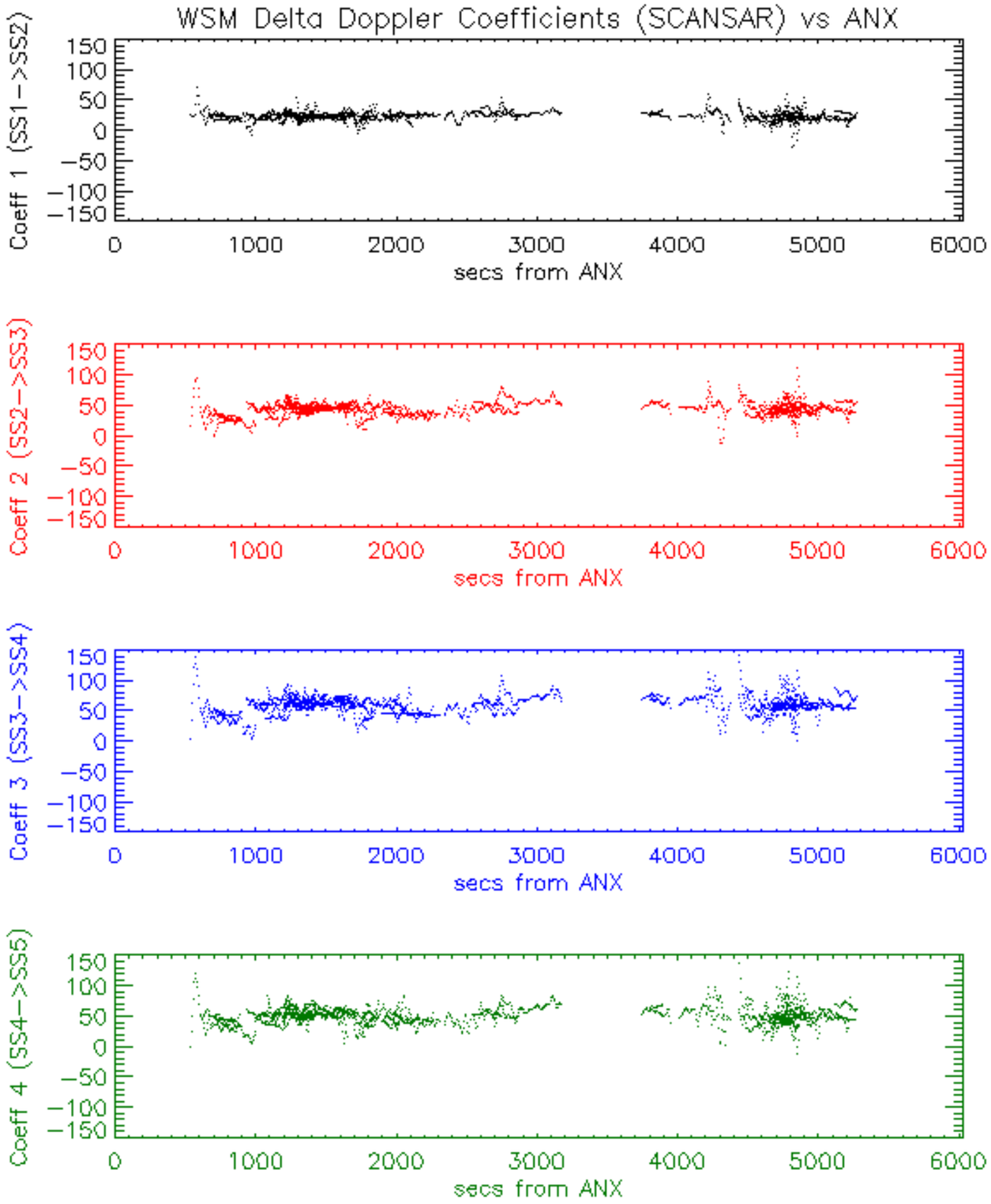

WVS IS2 V/V Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
19−Jan
Date

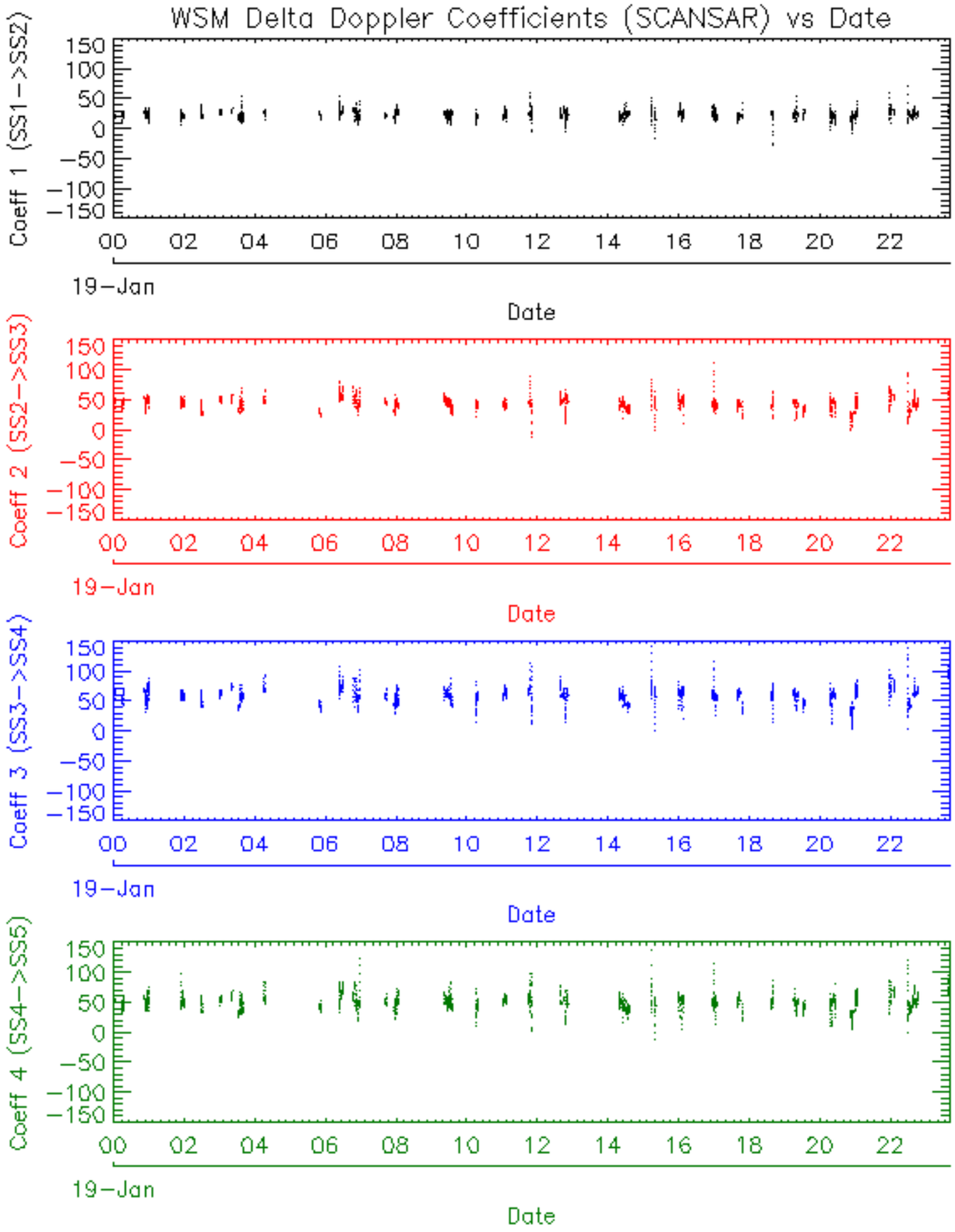

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H ascending
−100Hz
+100Hz

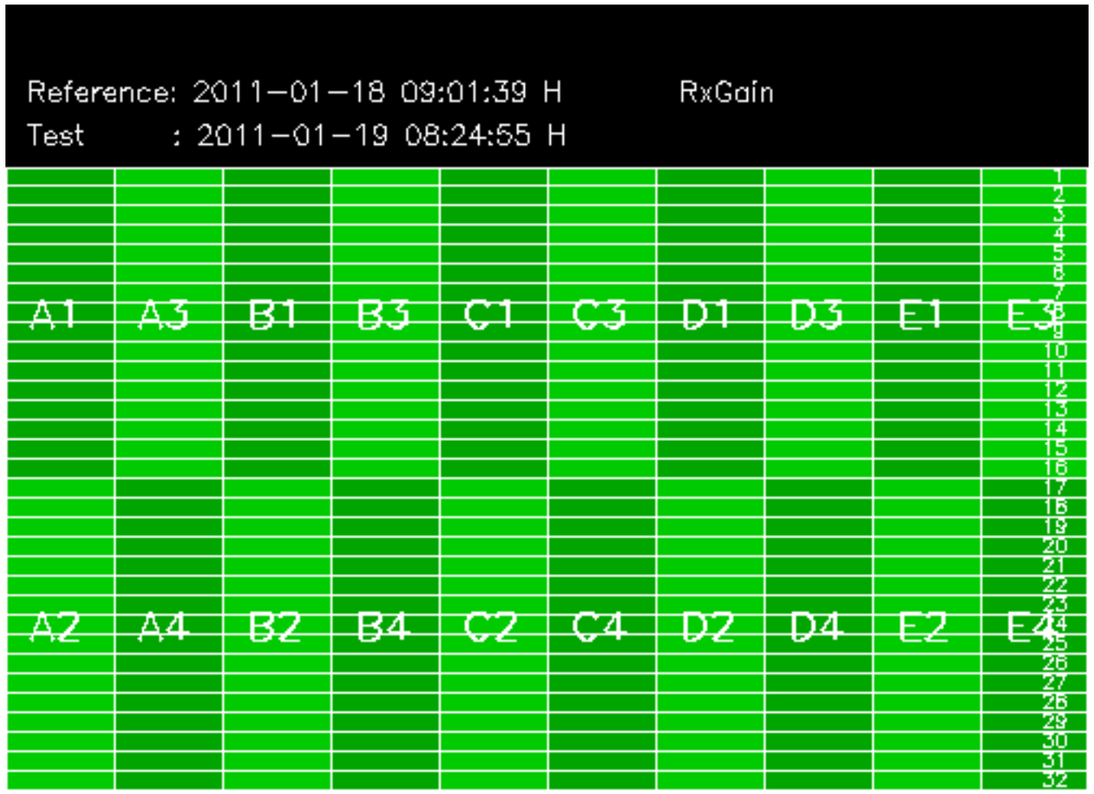

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H descending
−100Hz
+100Hz


Doppler difference, Estimated – Predicted – MeanError 'WVS' 'IS2' V/V ascending
−100Hz
+100Hz


Doppler difference, Estimated – Predicted – MeanError 'WVS' 'IS2' V/V descending
−100Hz
+100Hz


WSM Delta Doppler Coefficients (SCANSAR) vs ANX
Coeff 1 (SS1->SS2)
Coeff 2 (SS2->SS3)
Coeff 3 (SS3->SS4)
Coeff 4 (SS4->SS5)
150
100
50
0
−50
−100
−150
0
1000
2000
3000
4000
5000
6000
secs from ANX


WSM Delta Doppler Coefficients (SCANSAR) vs Date
Coeff 1 (SS1->SS2)
150
100
50
0
−50
−100
−150
00 02 04 06 08 10 12 14 16 18 20 22
19−Jan
Date
Coeff 2 (SS2->SS3)
150
100
50
0
−50
−100
−150
00 02 04 06 08 10 12 14 16 18 20 22
19−Jan
Date
Coeff 3 (SS3->SS4)
150
100
50
0
−50
−100
−150
00 02 04 06 08 10 12 14 16 18 20 22
19−Jan
Date
Coeff 4 (SS4->SS5)
150
100
50
0
−50
−100
−150
00 02 04 06 08 10 12 14 16 18 20 22
19−Jan
Date


Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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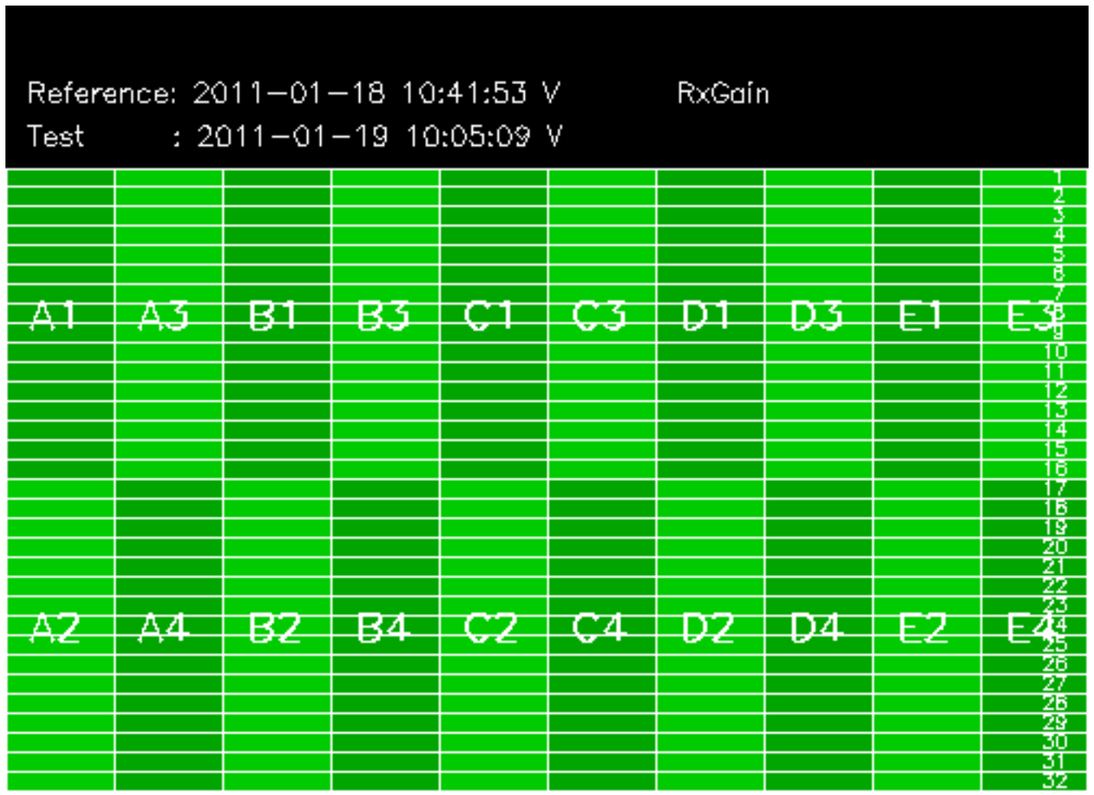
Reference: 2011-01-18 10:41:53 V
Test : 2011-01-19 10:05:09 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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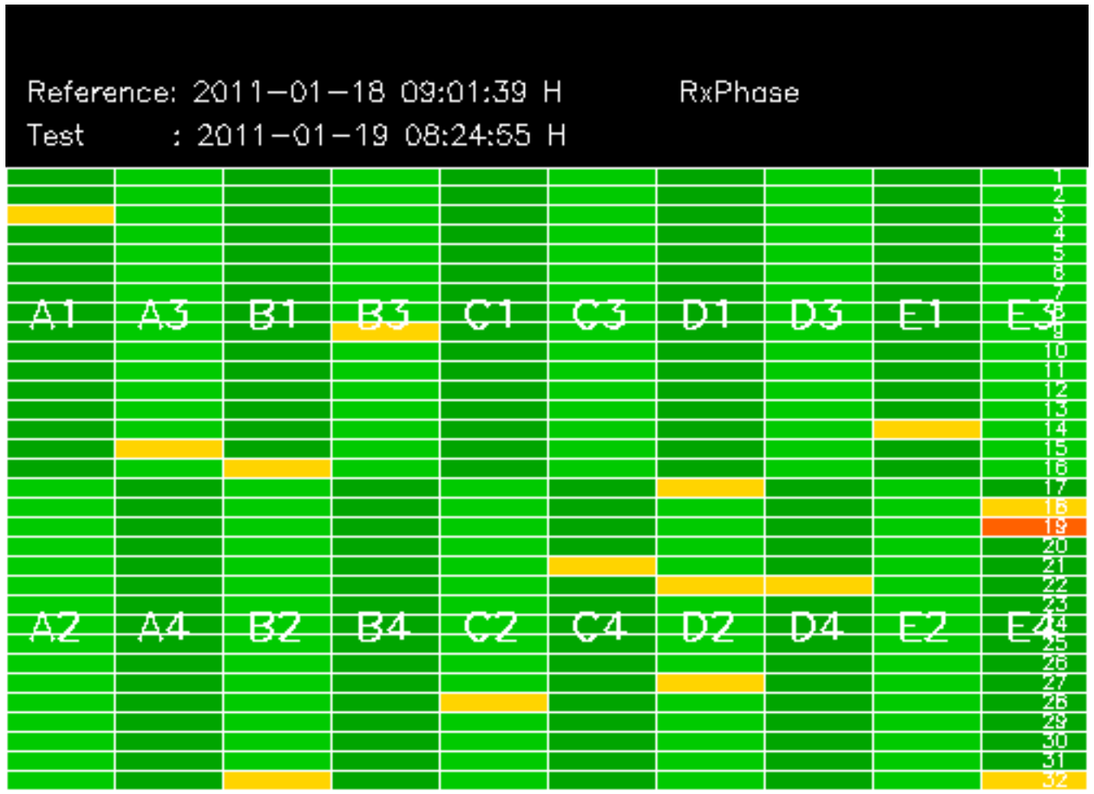
Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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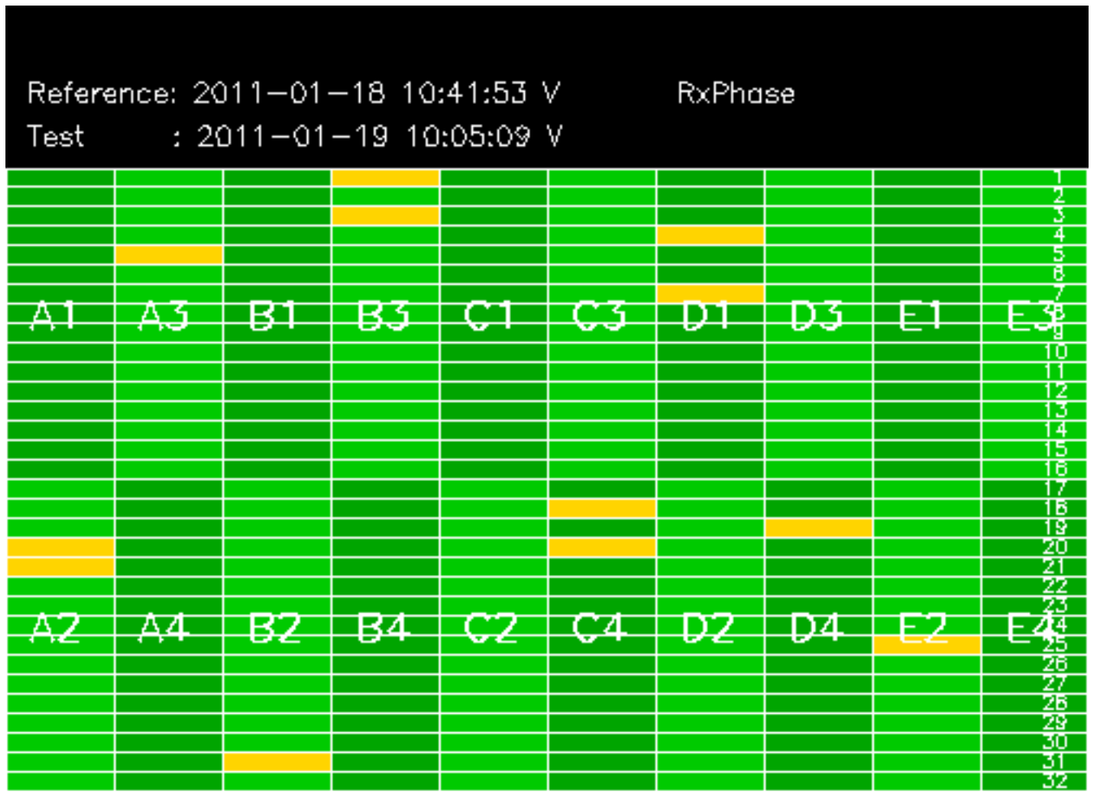
Reference: 2011-01-18 10:41:53 V
Test : 2011-01-19 10:05:09 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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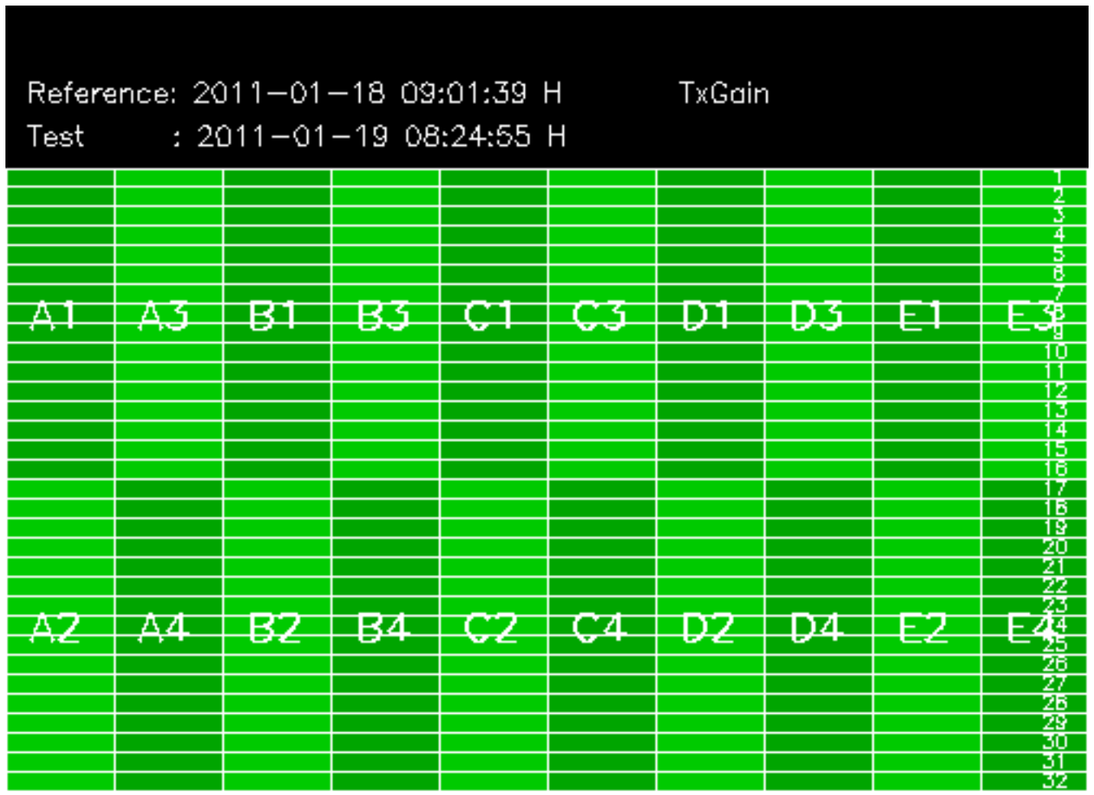
Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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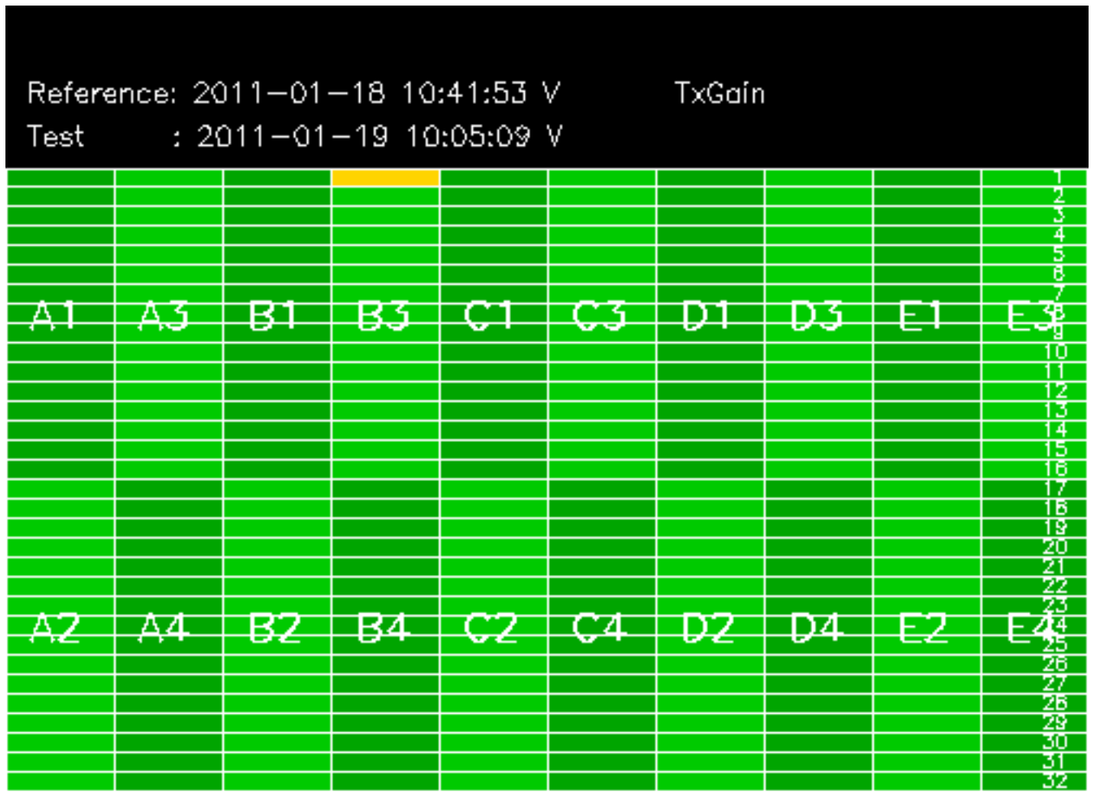
Reference: 2011-01-18 10:41:53 V
Test : 2011-01-19 10:05:09 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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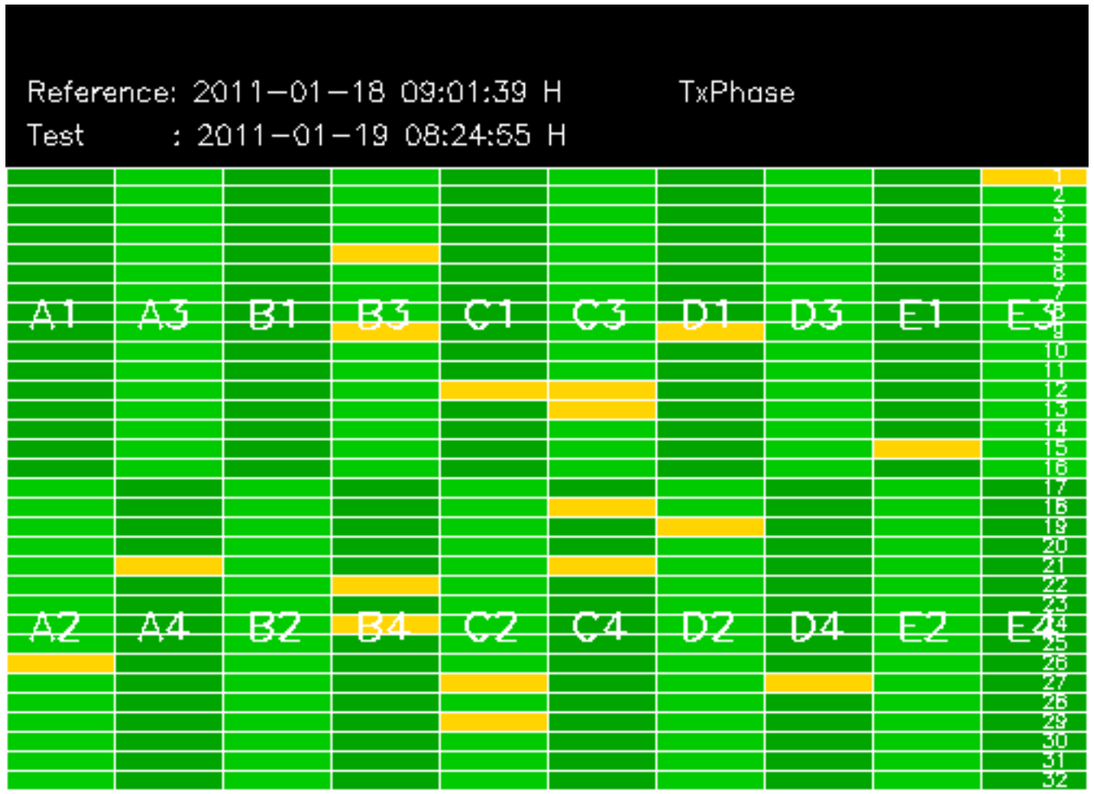
Reference: 2011-01-18 09:01:39 H
Test : 2011-01-19 08:24:55 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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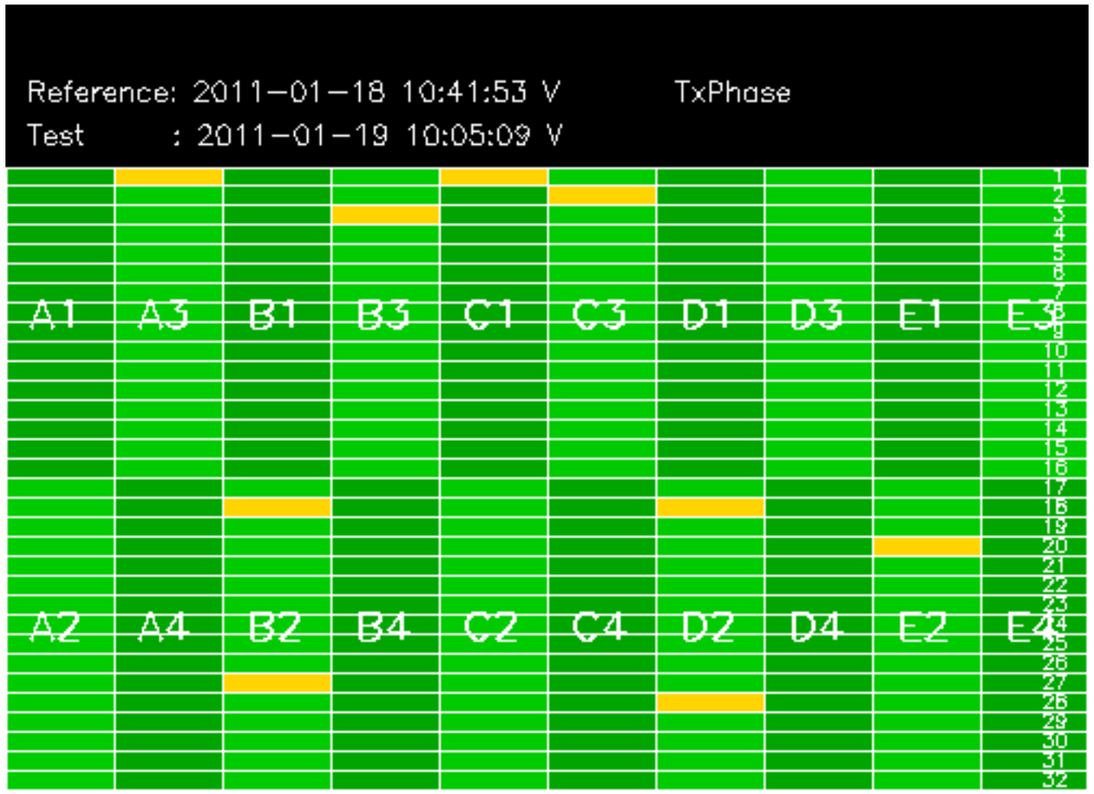
Reference: 2011-01-18 10:41:53 V
Test : 2011-01-19 10:05:09 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
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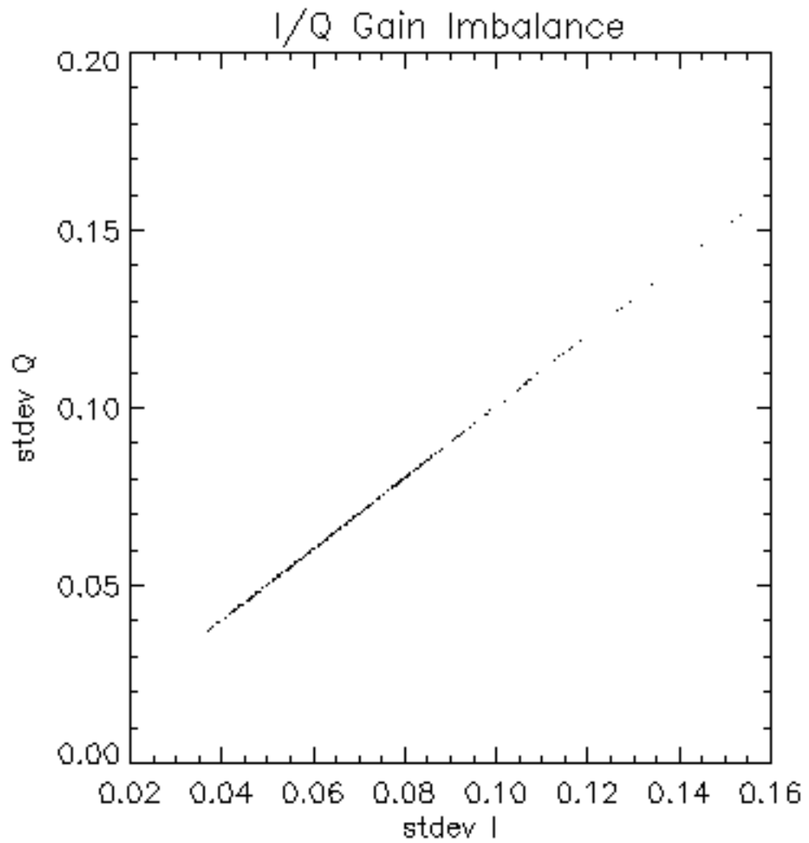
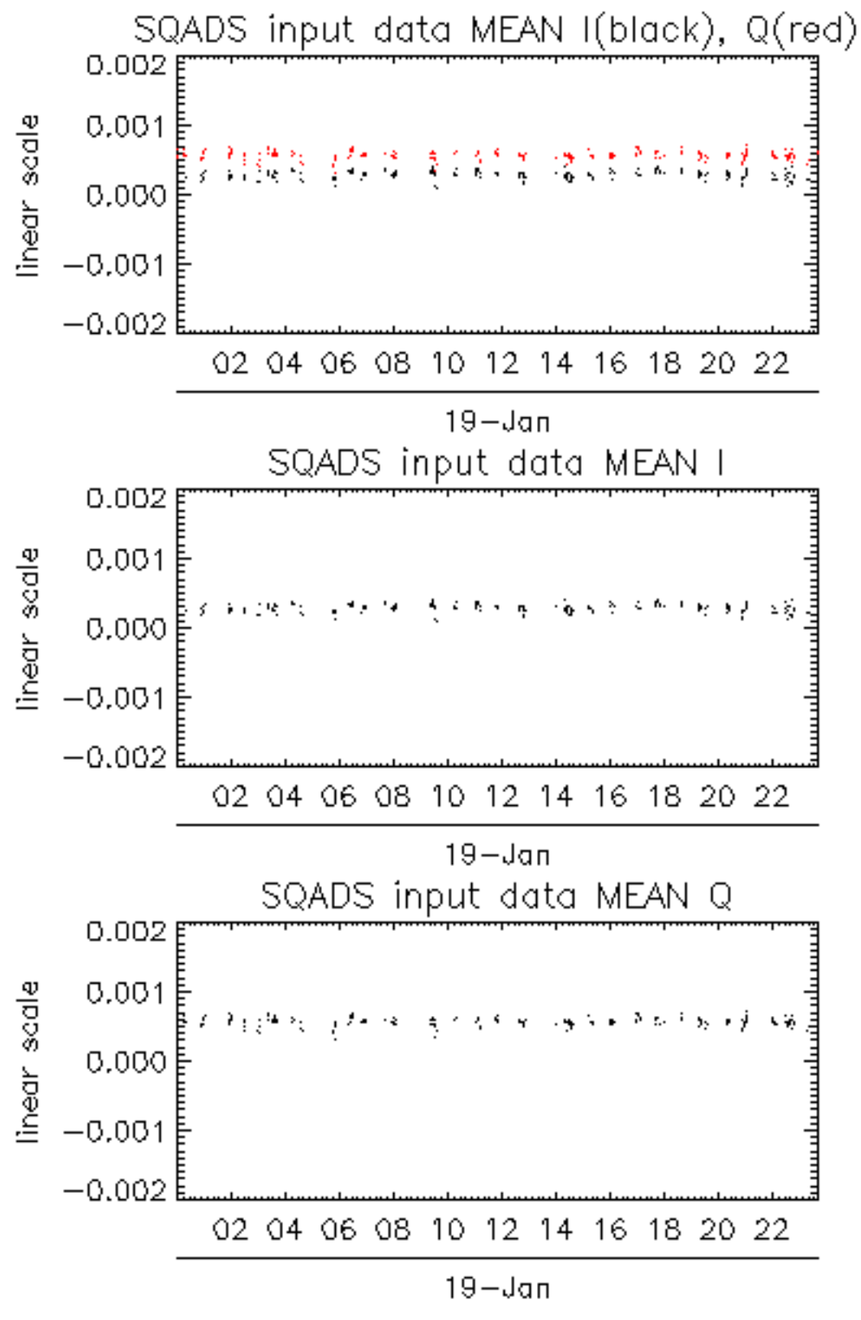
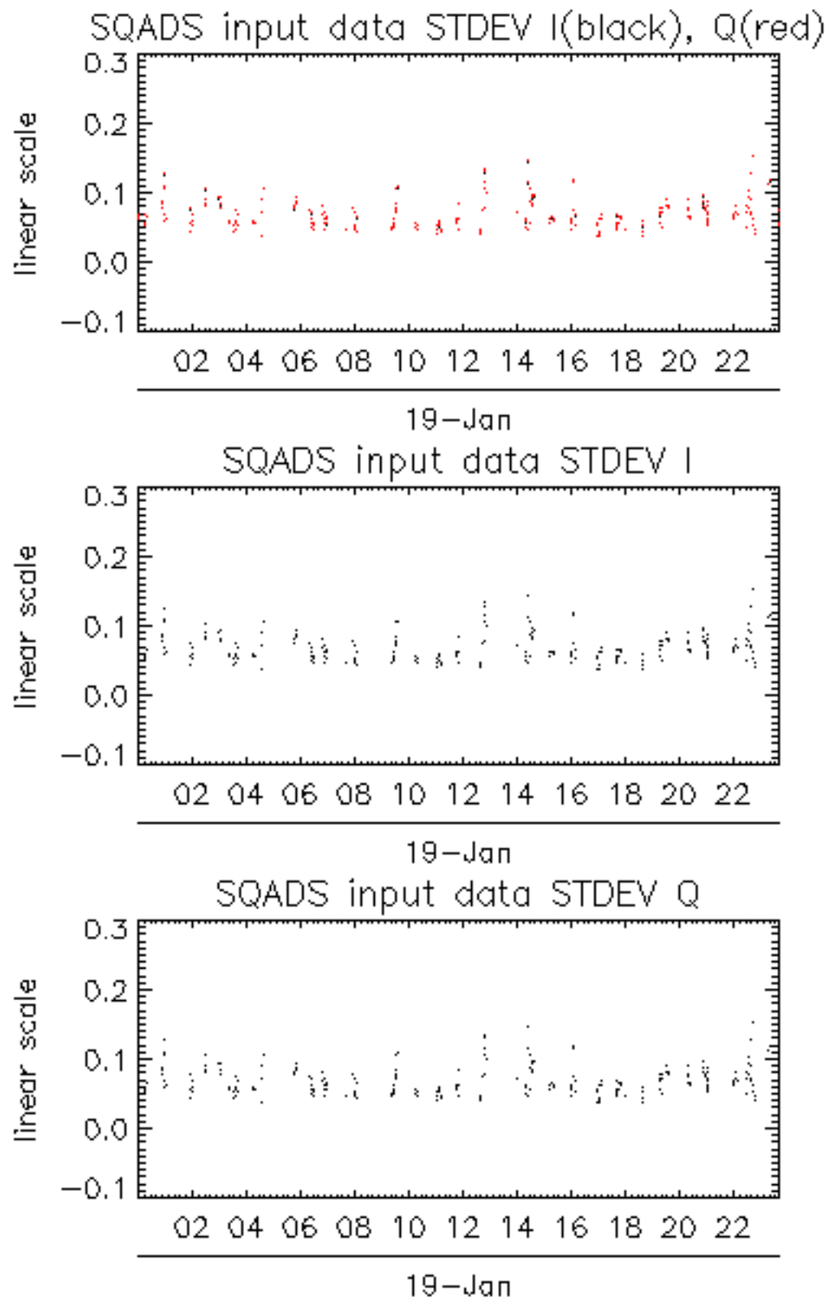
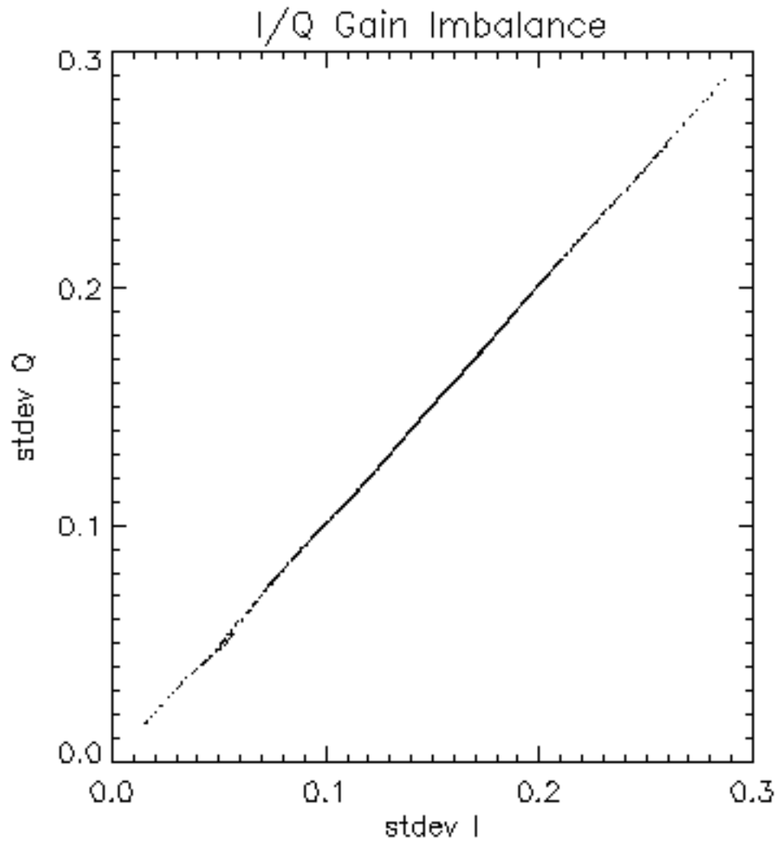
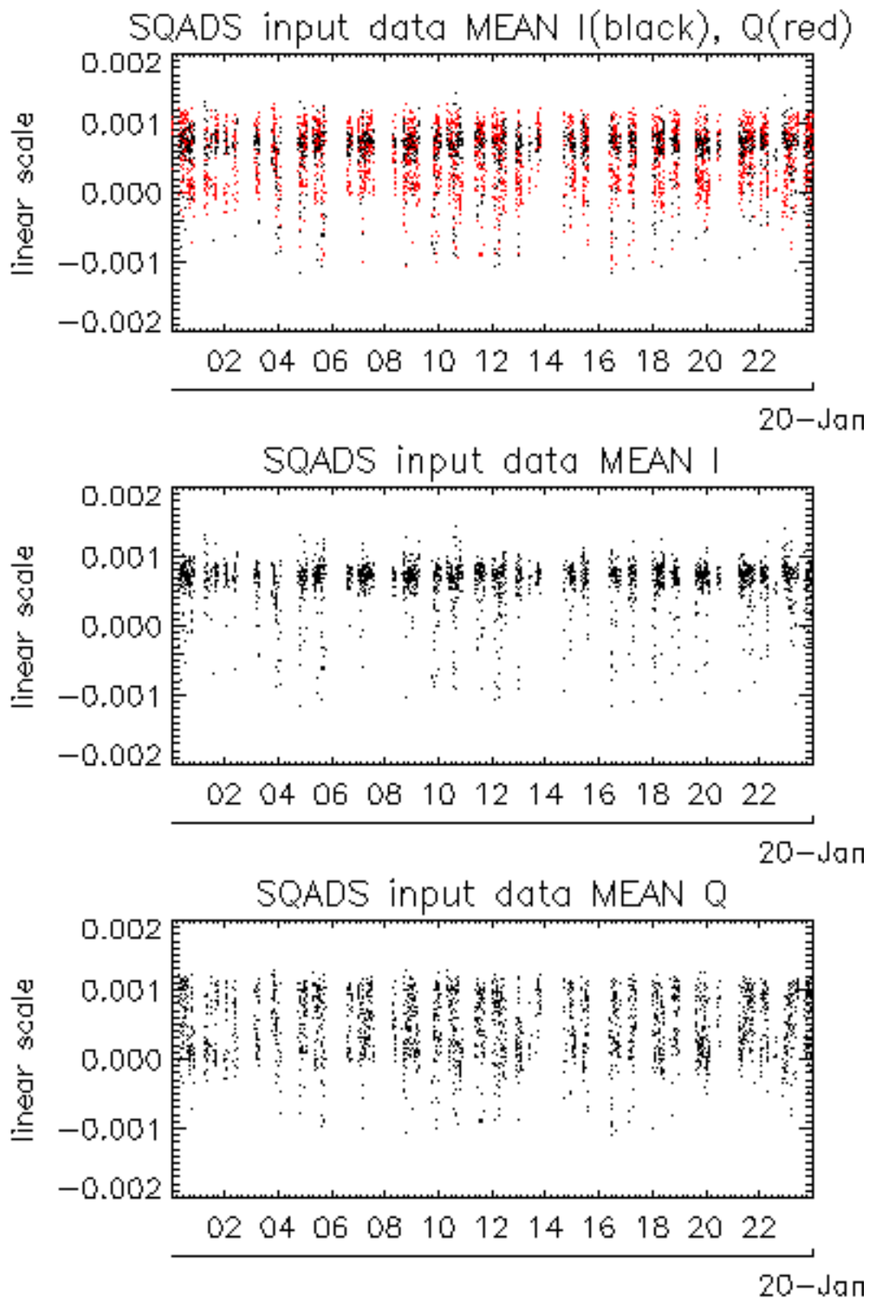
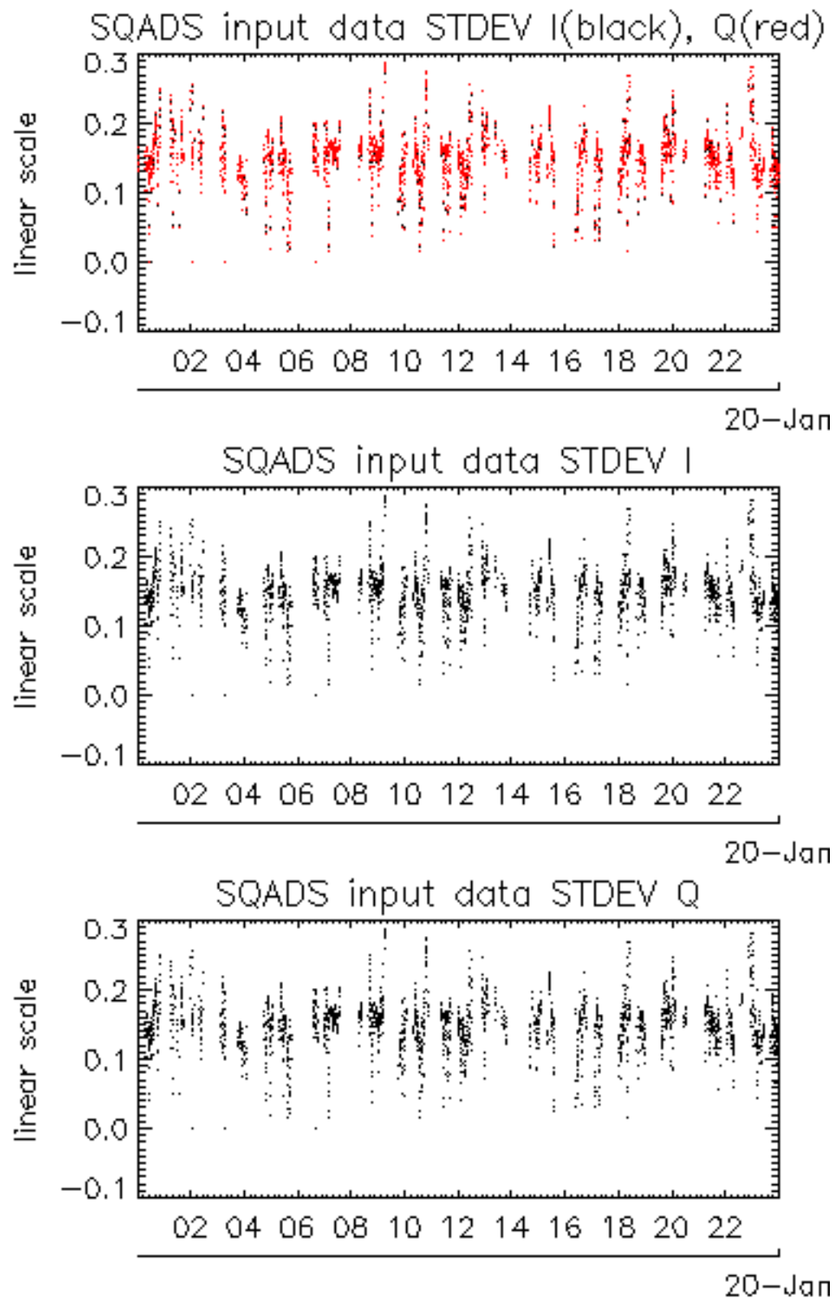

I/Q Gain Imbalance
0.20
0.15
0.10
0.05
0.00
stdev Q
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
stdev I

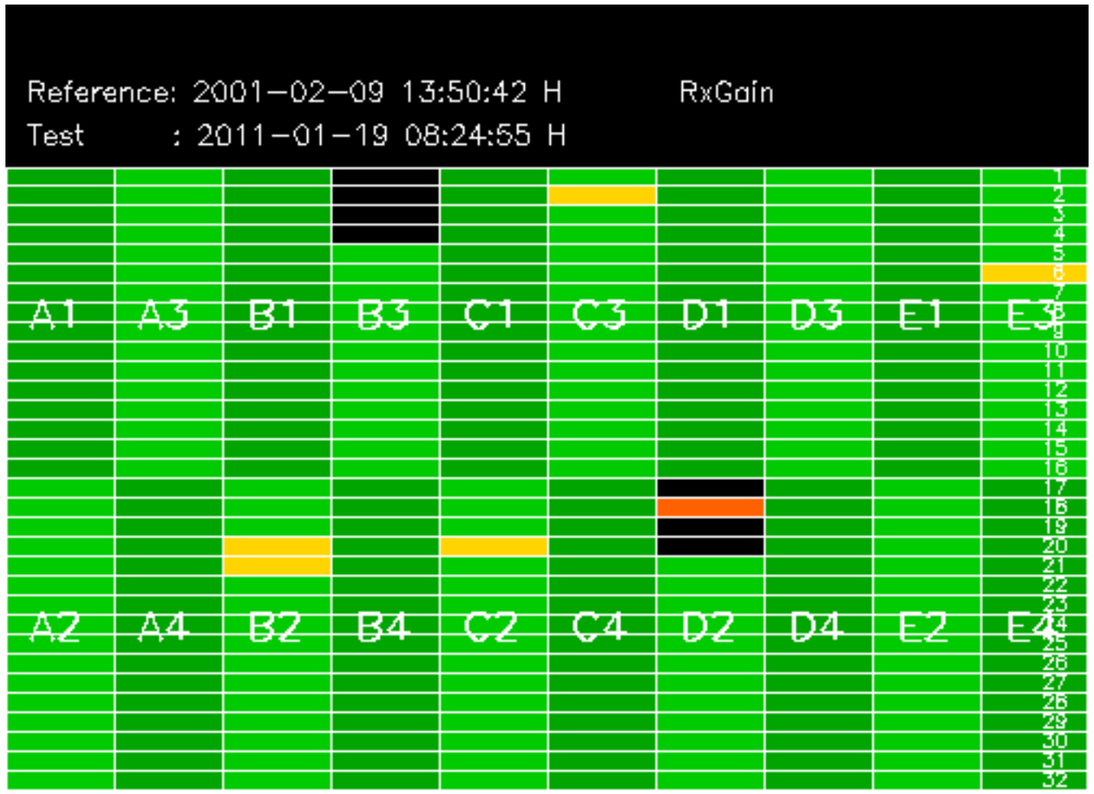

SQADS input data MEAN I(black), Q(red)
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
19−Jan
SQADS input data MEAN I
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
19−Jan
SQADS input data MEAN Q
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
19−Jan


SQADS input data STDEV I(black), Q(red)
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
19−Jan
SQADS input data STDEV I
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
19−Jan
SQADS input data STDEV Q
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
19−Jan


I/Q Gain Imbalance
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
stdev I


SQADS input data MEAN I(black), Q(red)
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
20−Jan
SQADS input data MEAN I
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
20−Jan
SQADS input data MEAN Q
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
20−Jan


SQADS input data STDEV I(black), Q(red)
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
20−Jan
SQADS input data STDEV I
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
20−Jan
SQADS input data STDEV Q
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
20−Jan


Reference: 2001-02-09 13:50:42 H
Test : 2011-01-19 08:24:55 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
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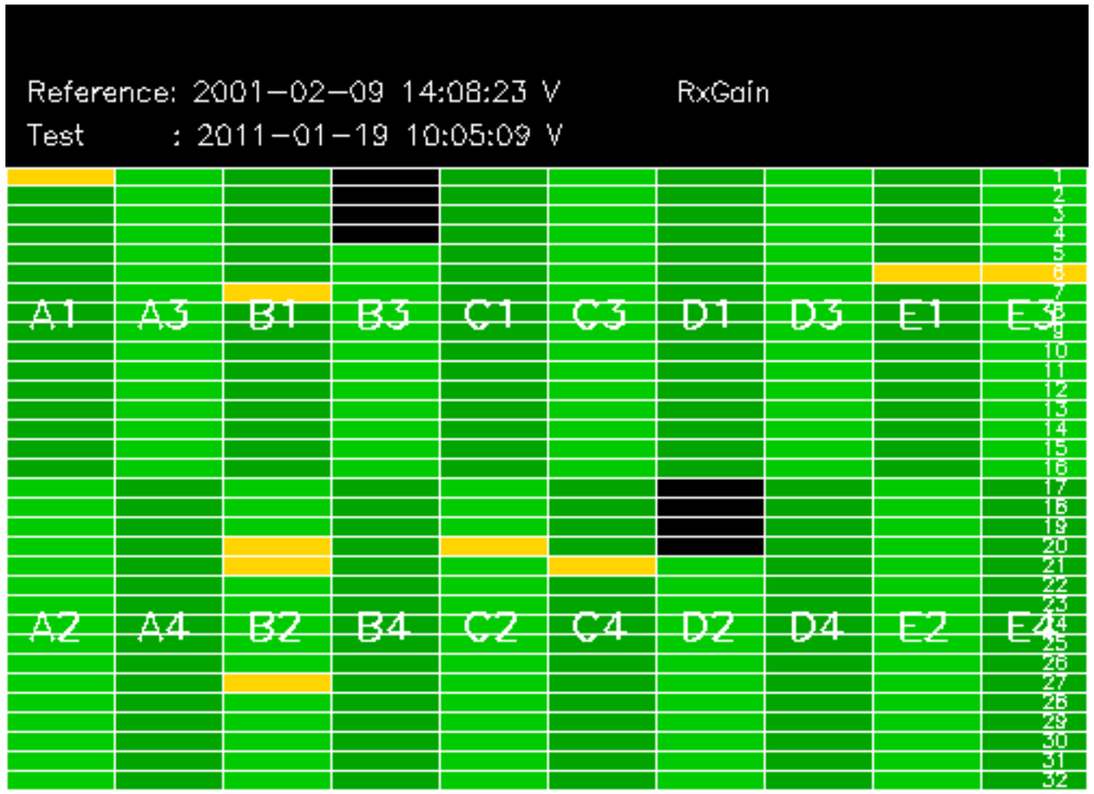
Reference: 2001-02-09 14:08:23 V
Test : 2011-01-19 10:05:09 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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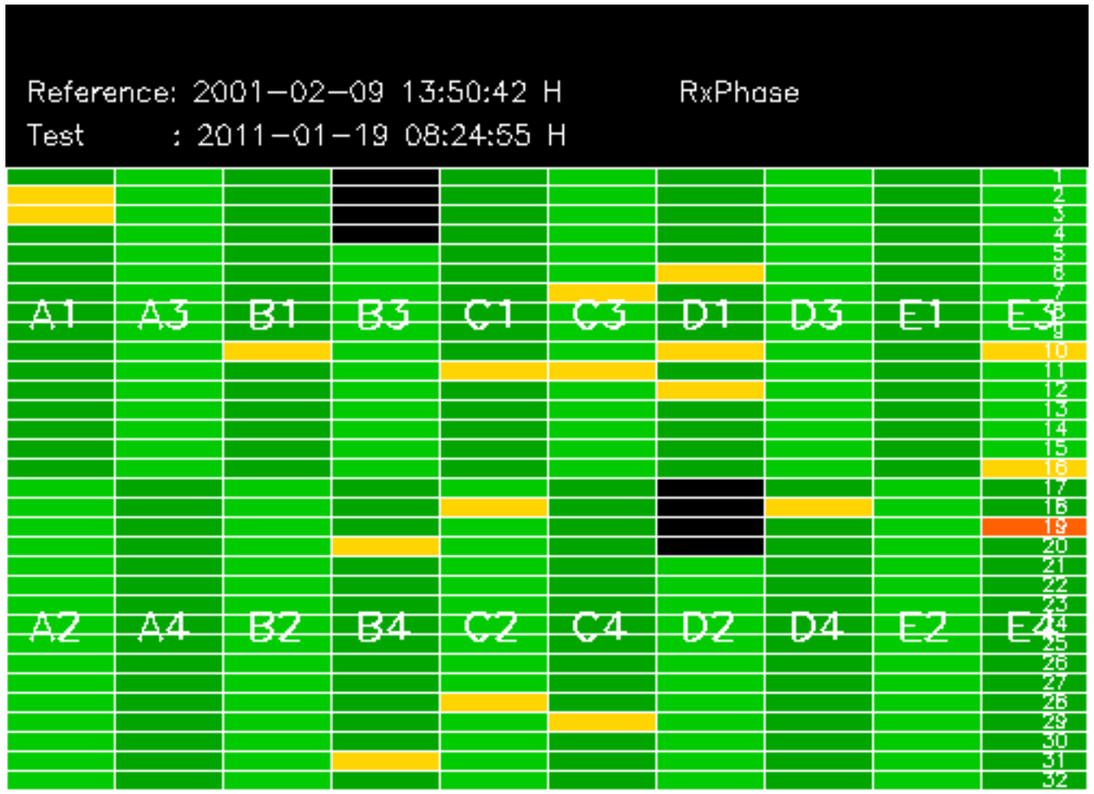
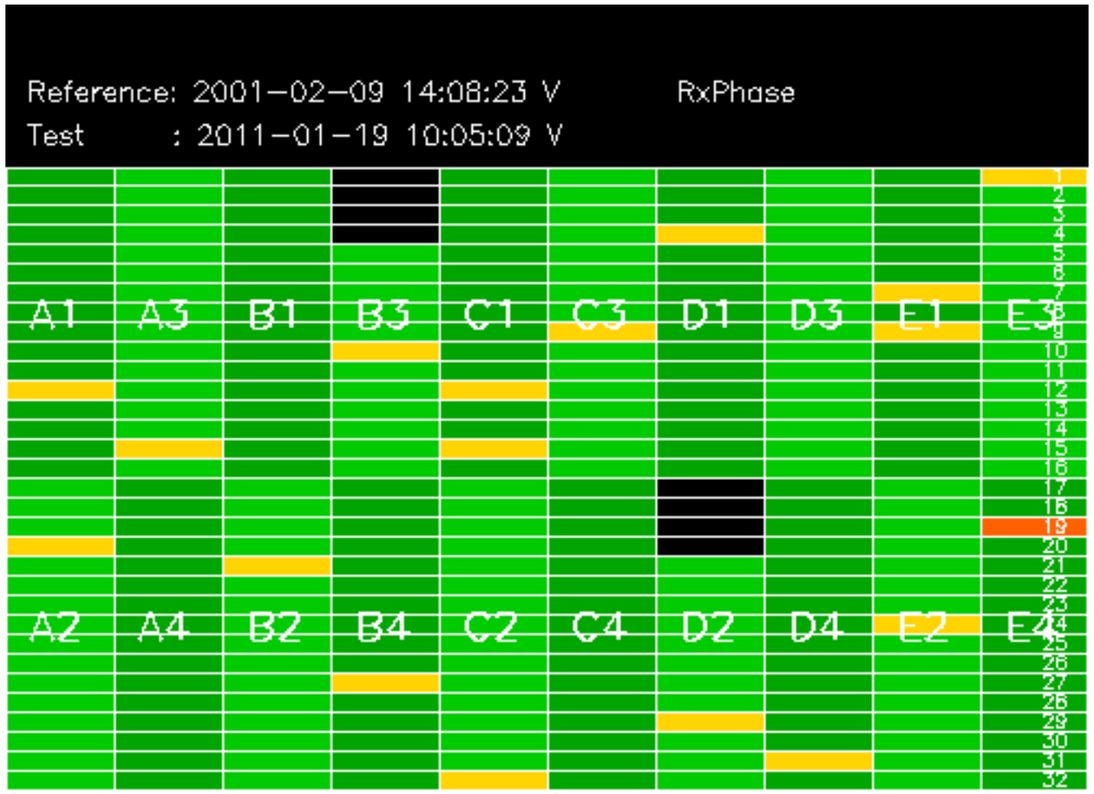

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2011-01-19 08:24:55 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
Test : 2011-01-19 10:05:09 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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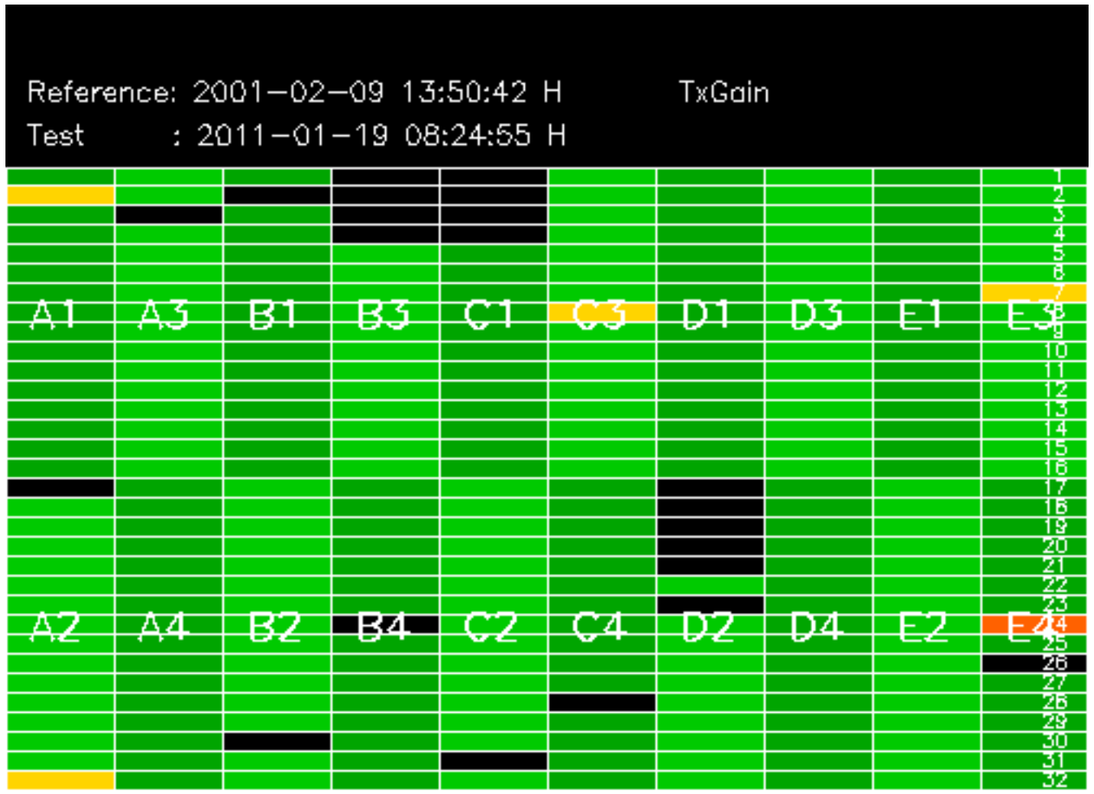
Reference: 2001-02-09 13:50:42 H
Test : 2011-01-19 08:24:55 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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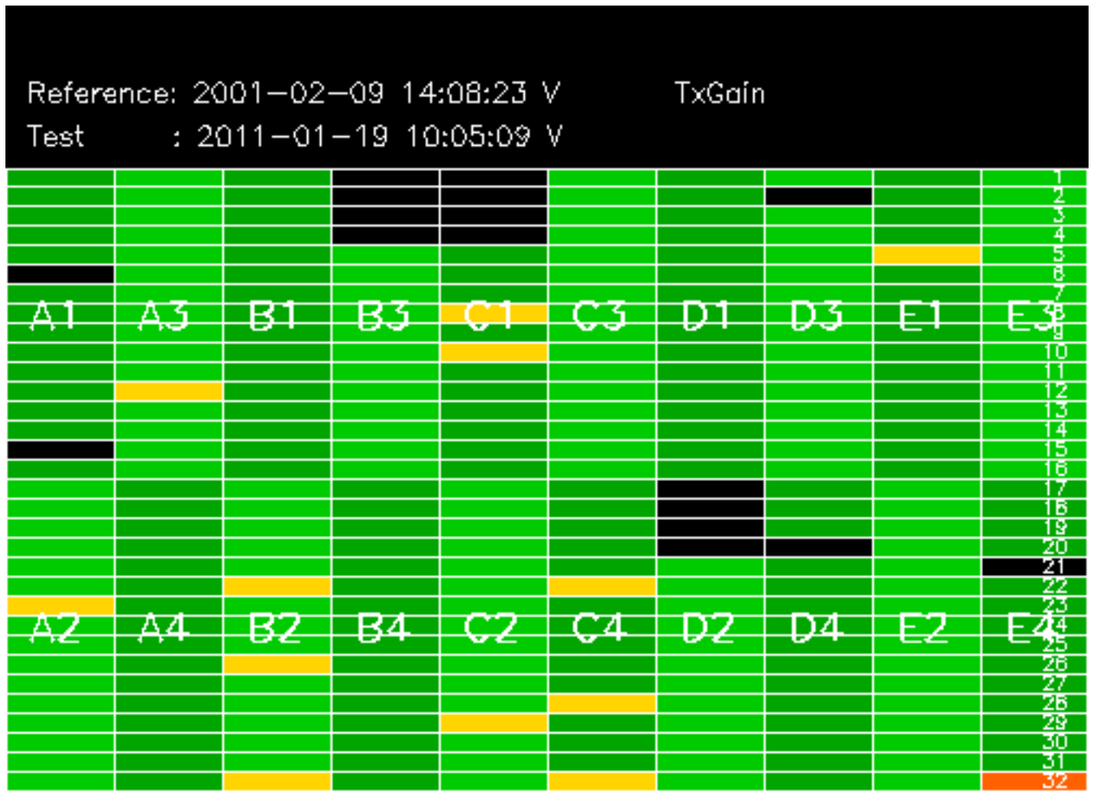
Reference: 2001-02-09 14:08:23 V
TxGain
Test : 2011-01-19 10:05:09 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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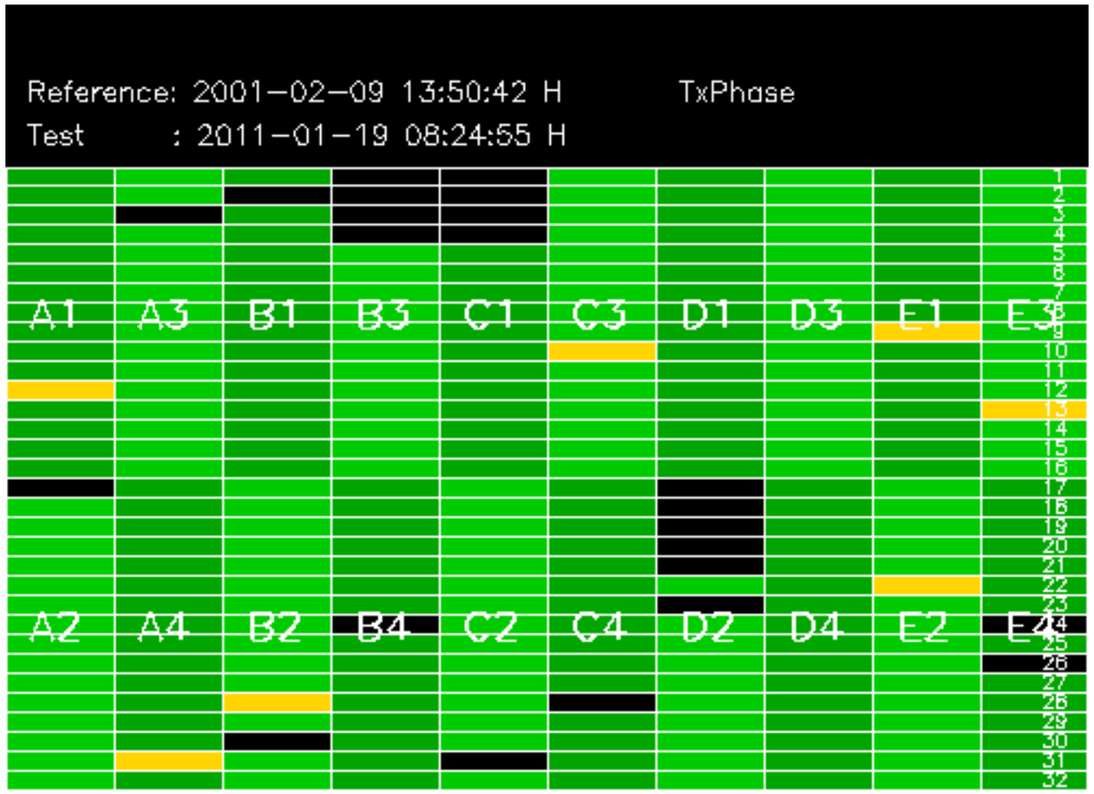
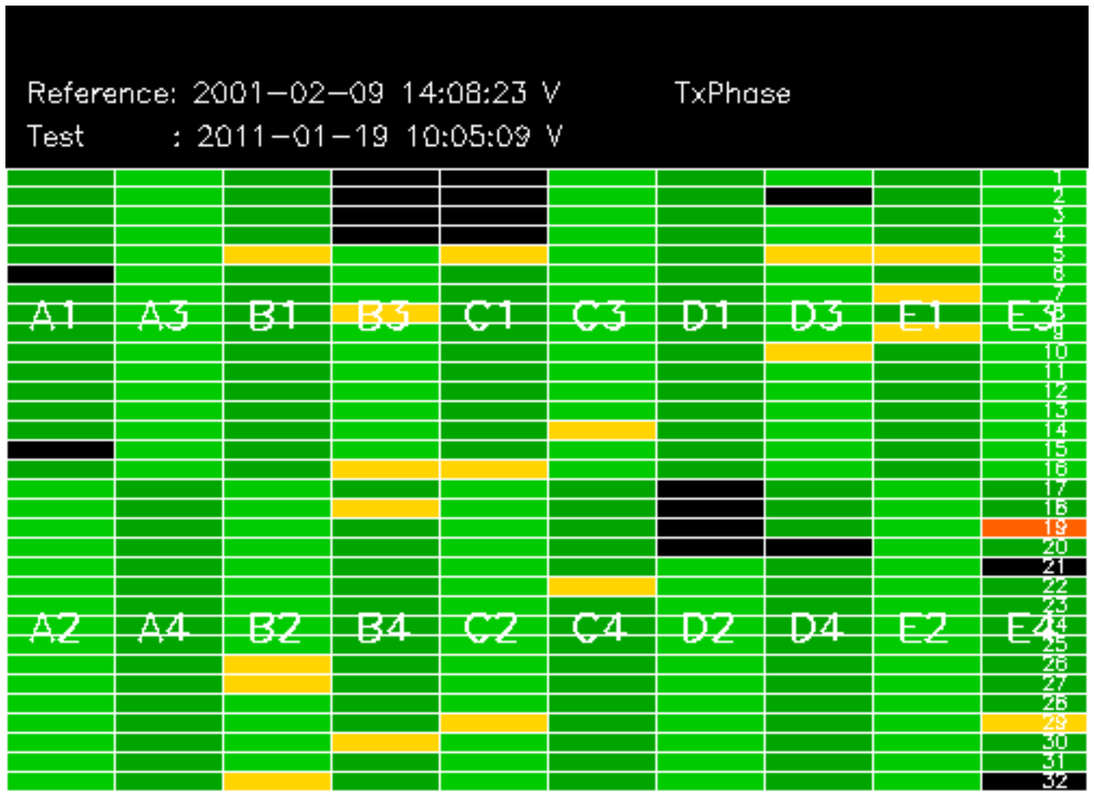

Reference: 2001-02-09 13:50:42 H
Test : 2011-01-19 08:24:55 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
TxPhase
Test : 2011-01-19 10:05:09 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
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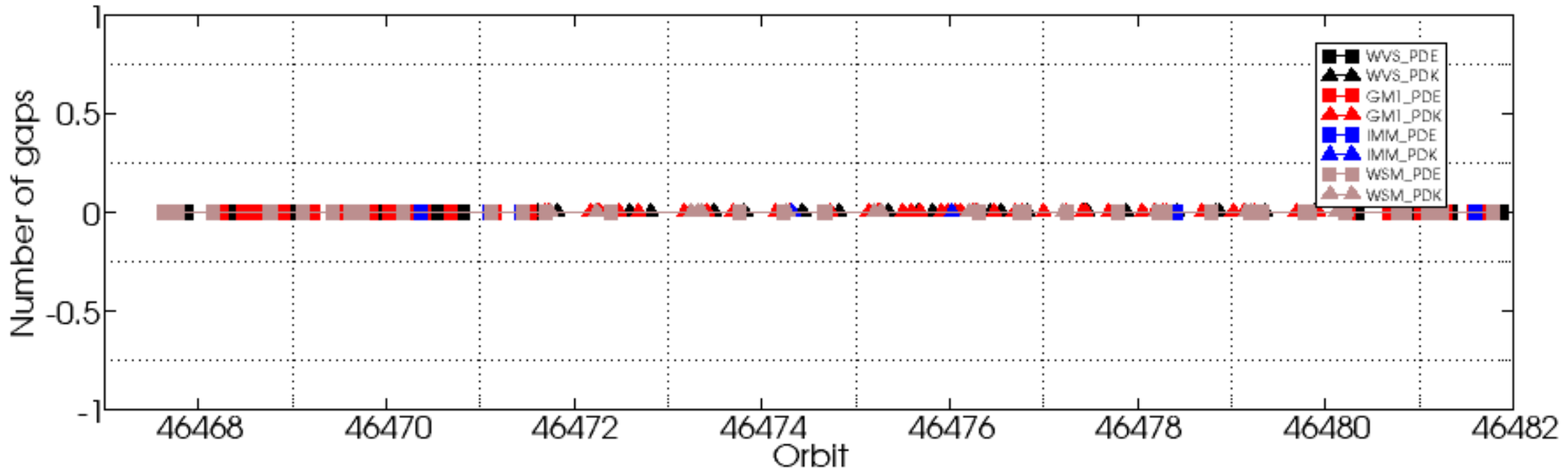
31
32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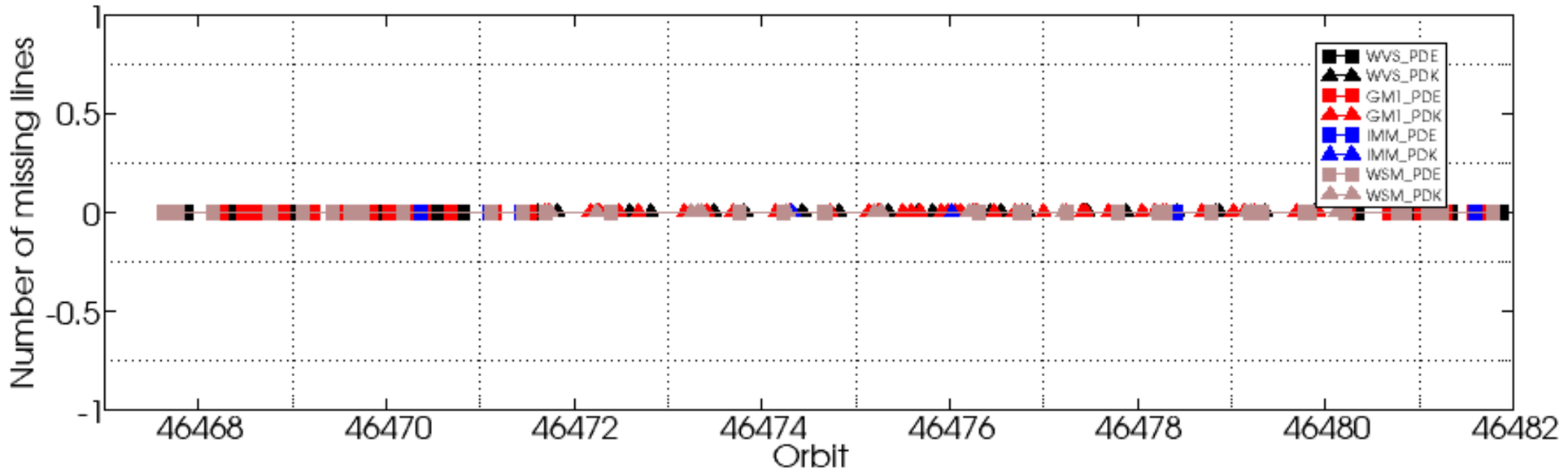
-0.5
-1
Number of gaps
46468
46470
46472
46474
46476
46478
46480
46482
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK


Number of missing lines
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-1
46468
46470
46472
46474
46476
46478
46480
46482
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK