ASAR Daily Report

Analysis from 28-OCT-2008 00:00:00 to 28-OCT-2008 23:59:59. Page generated on 29-OCT-2008 07:52:11.
View log file: ASAR_Daily_Report_20081029_0730.log. For any anomalies please contact mtranfaglia@serco.it,gscarpino@serco.it,Emma.Griffiths@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	2
PDE	IS2	V/V	22
PDK	IS2	V/V	23

GM1			
Center	Beam	Pol	#
PDE	WS	H/H	29
PDK	WS	H/H	41

APM			
Center	Beam	Pol	#
PDE	IS1	H/H	1
PDE	IS3	V/H	1
PDE	IS4	H/H	1
PDE	IS7	H/H	1
PDK	IS7	H/H	1

IMM			
Center	Beam	Pol	#
PDE	IS1	V/V	2
PDE	IS2	H/H	4
PDE	IS2	V/V	9
PDE	IS3	H/H	1
PDE	IS4	H/H	1
PDE	IS6	H/H	1
PDE	IS6	V/V	1
PDK	IS2	H/H	2
PDK	IS2	V/V	3
PDK	IS4	H/H	1

WSM			
Center	Beam	Pol	#
PDE	WS	H/H	35
PDE	WS	V/V	3

MS			
Center	Time	Pol	Modules
PDE	2008-10-28 05:09:03	H	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_APM_products_used
[TXT] [XLS] List_IMM_products_used
[TXT] [XLS] List_WSM_products_used
[TXT] [XLS] List_MS_products_used

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[BACK TO MENU]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20080710_132557_20070204_165113_20081231_000000
ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20080710_133546_20070204_165113_20081231_000000

2.2 - Products with wrong ADFs

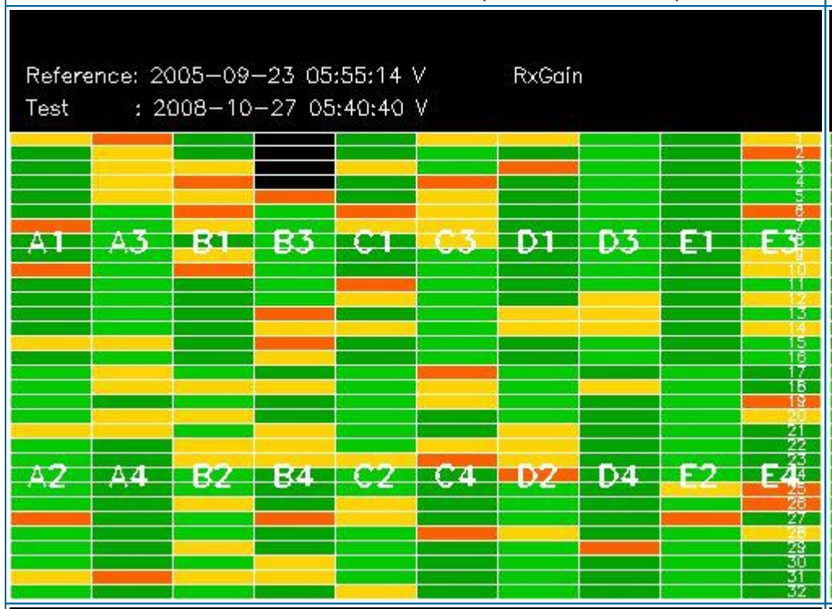
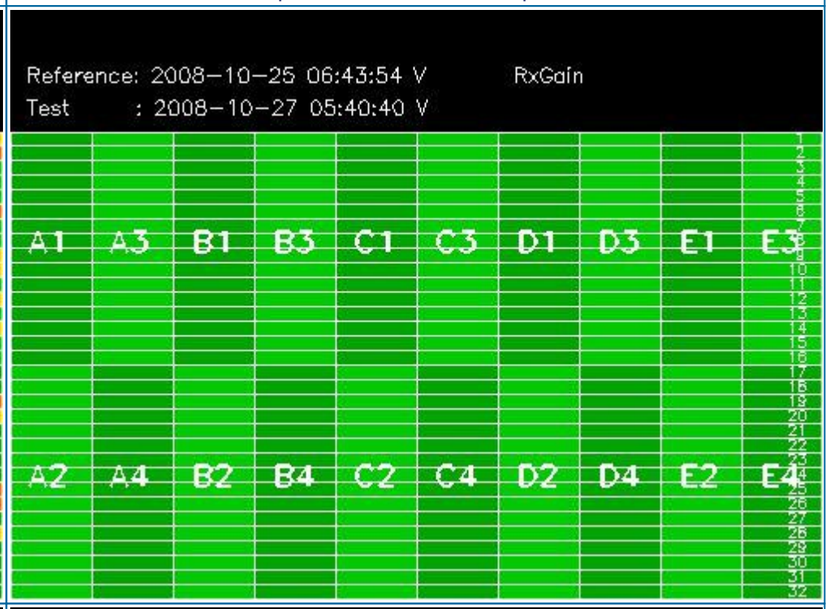
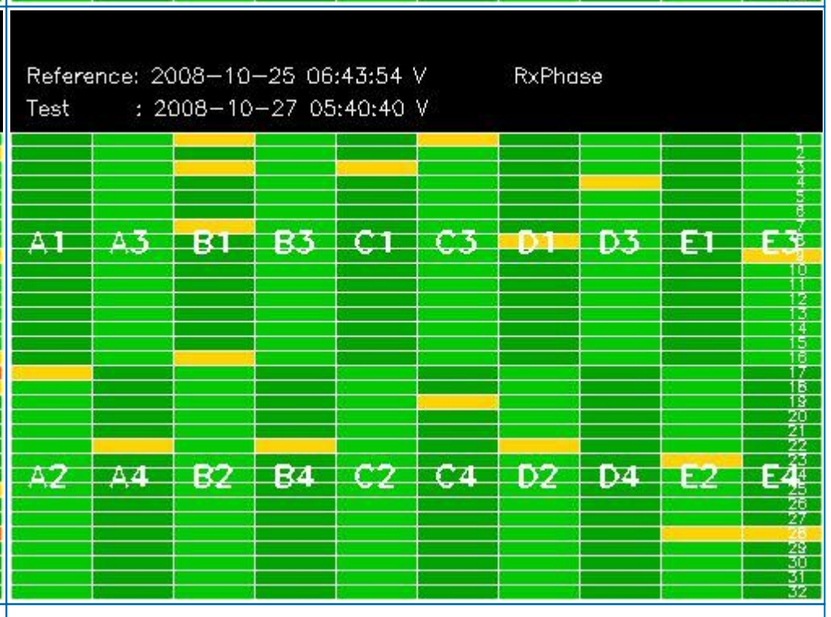
[BACK TO MENU]

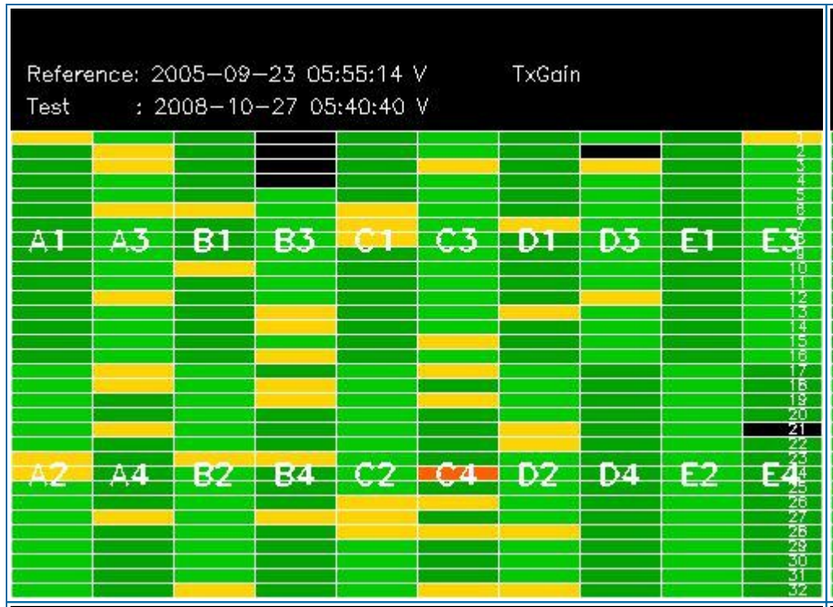
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

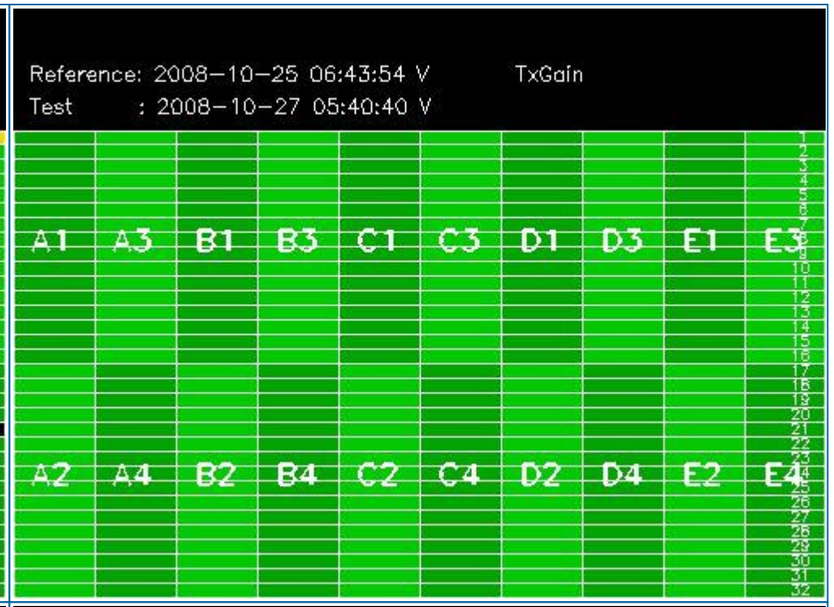
[TXT] [XLS] Check_ADFs_WVS
[TXT] [XLS] Check_ADFs_GM1
[TXT] [XLS] Check_ADFs_APM

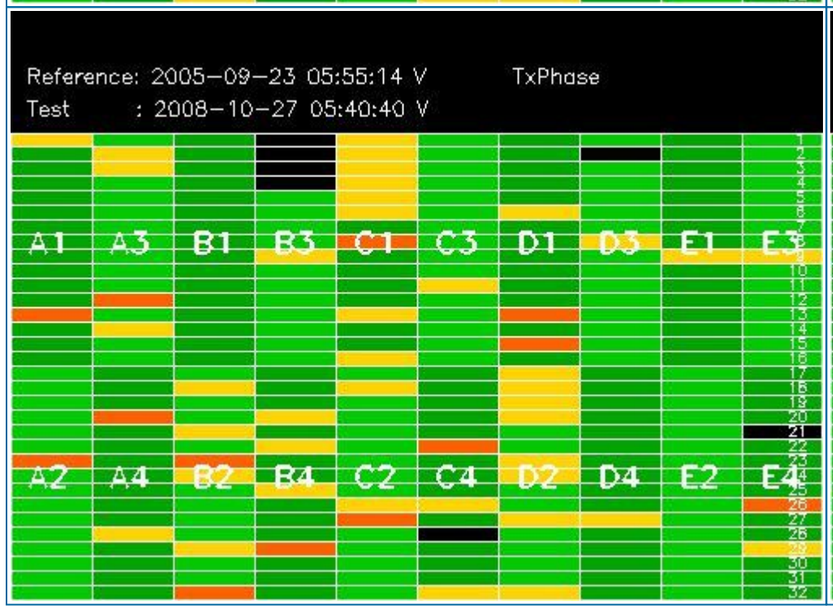
[TXT] [XLS] Check_ADFs_IMM
[TXT] [XLS] Check_ADFs_WSM

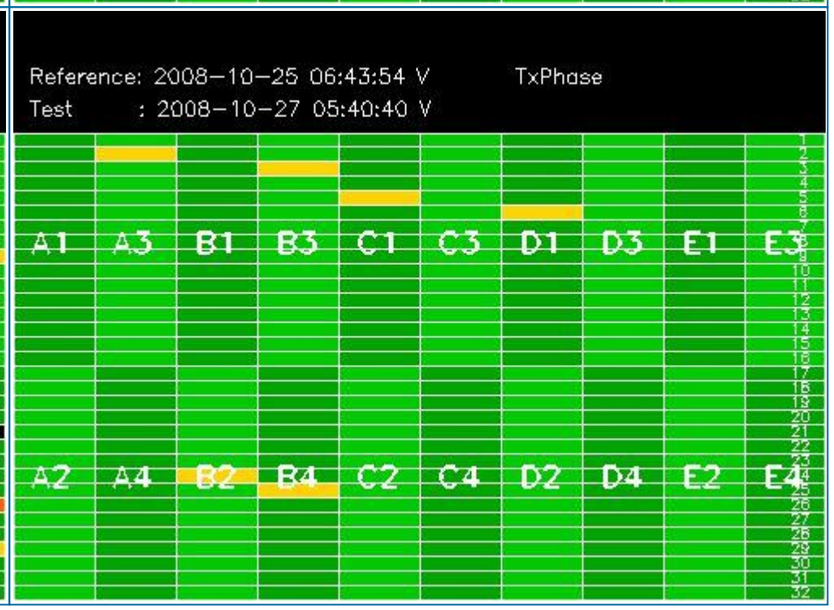
3 - MODULE STEPPING PRODUCTS ANALYSIS

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





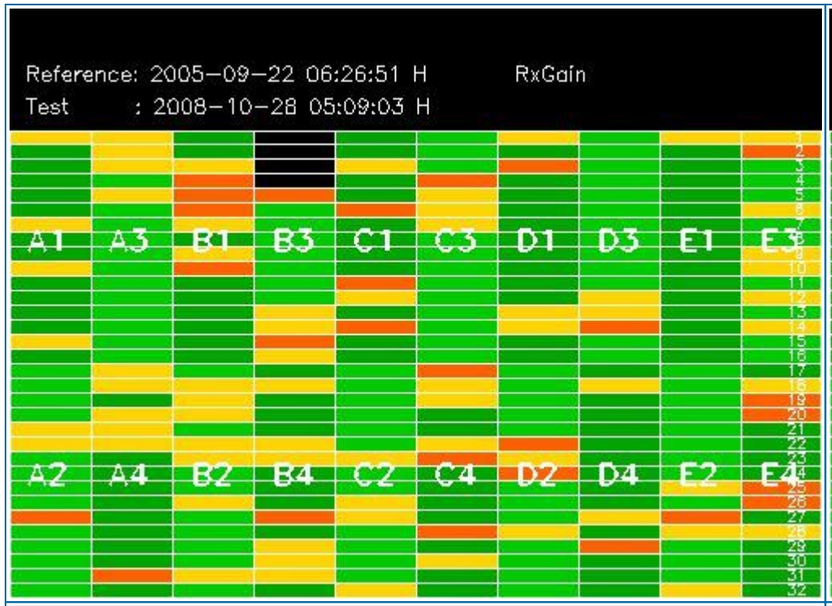




3.2 - H/H polarisation

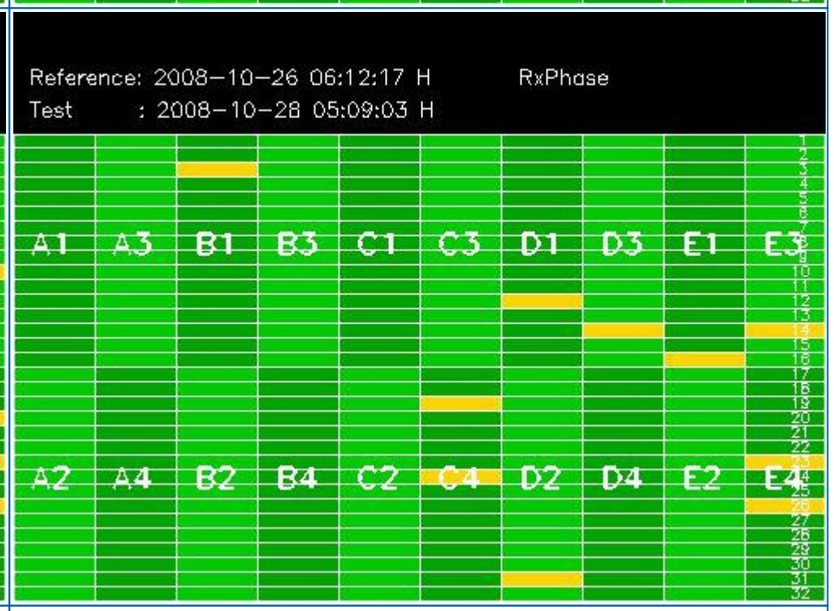
[BACK TO MENU]

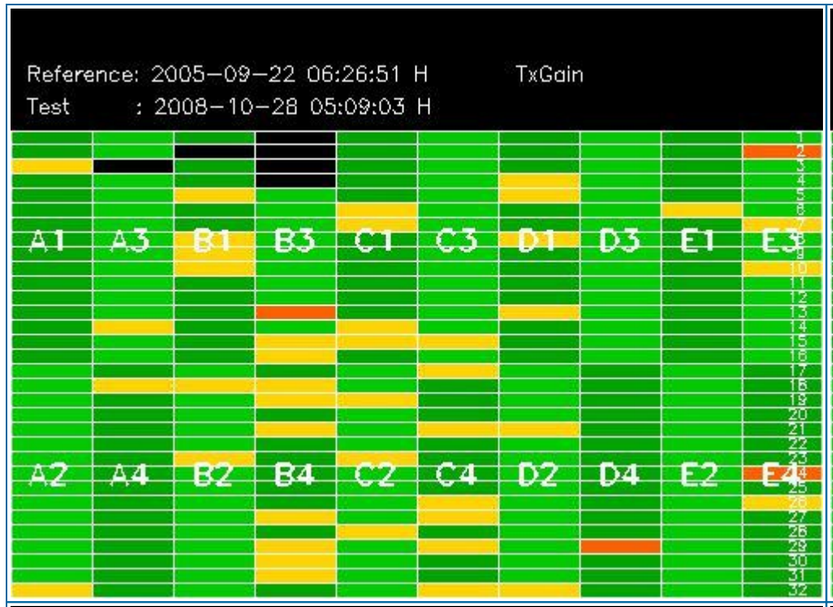
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

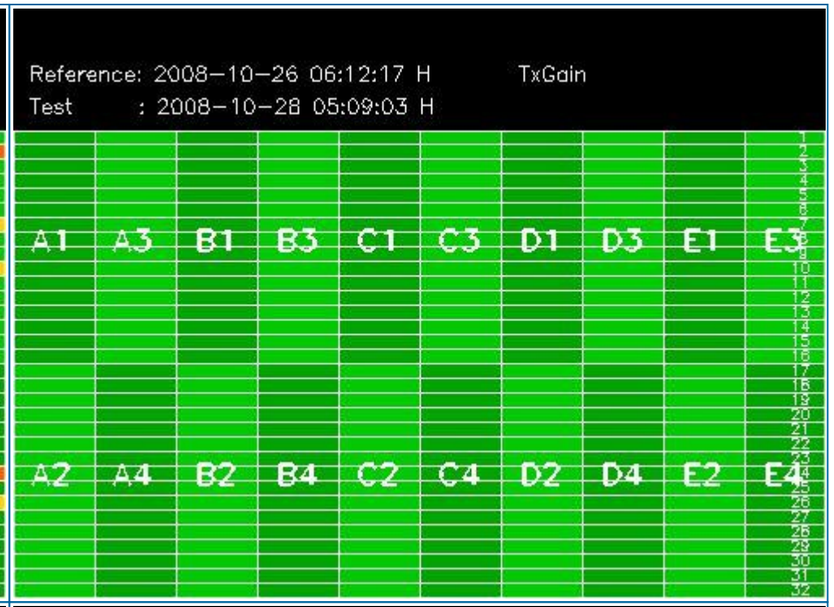

Reference: 2005-09-22 06:26:51 H
Test : 2008-10-28 05:09:03 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

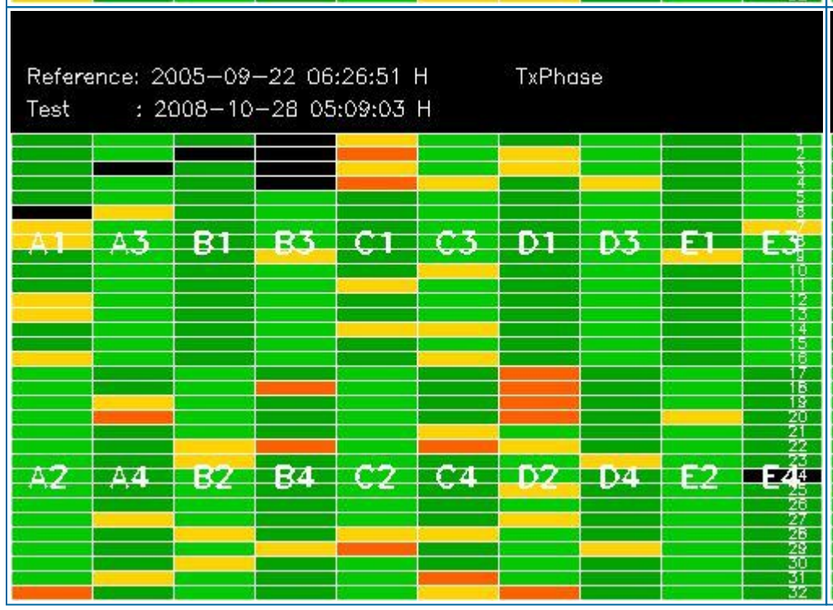
Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
RxGain
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

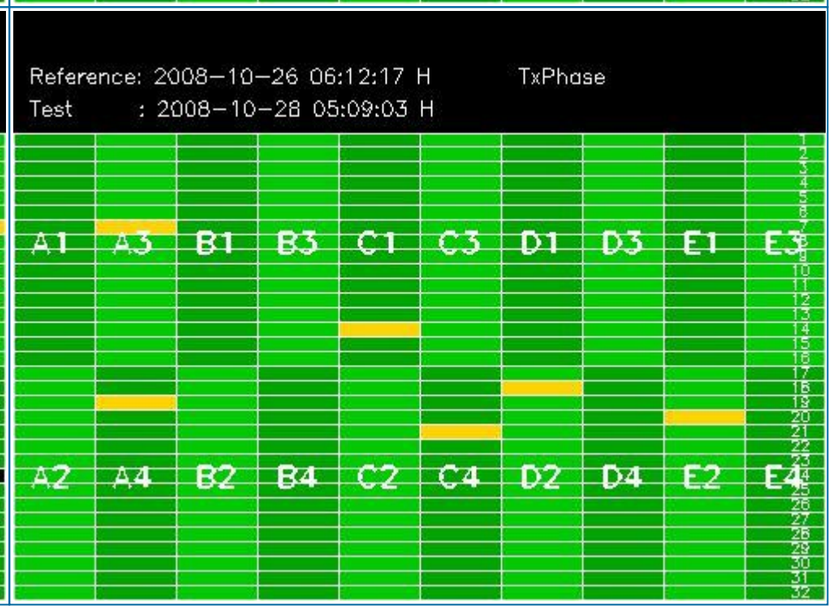
Reference: 2005-09-22 06:26:51 H
Test : 2008-10-28 05:09:03 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4


Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
RxPhase
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4









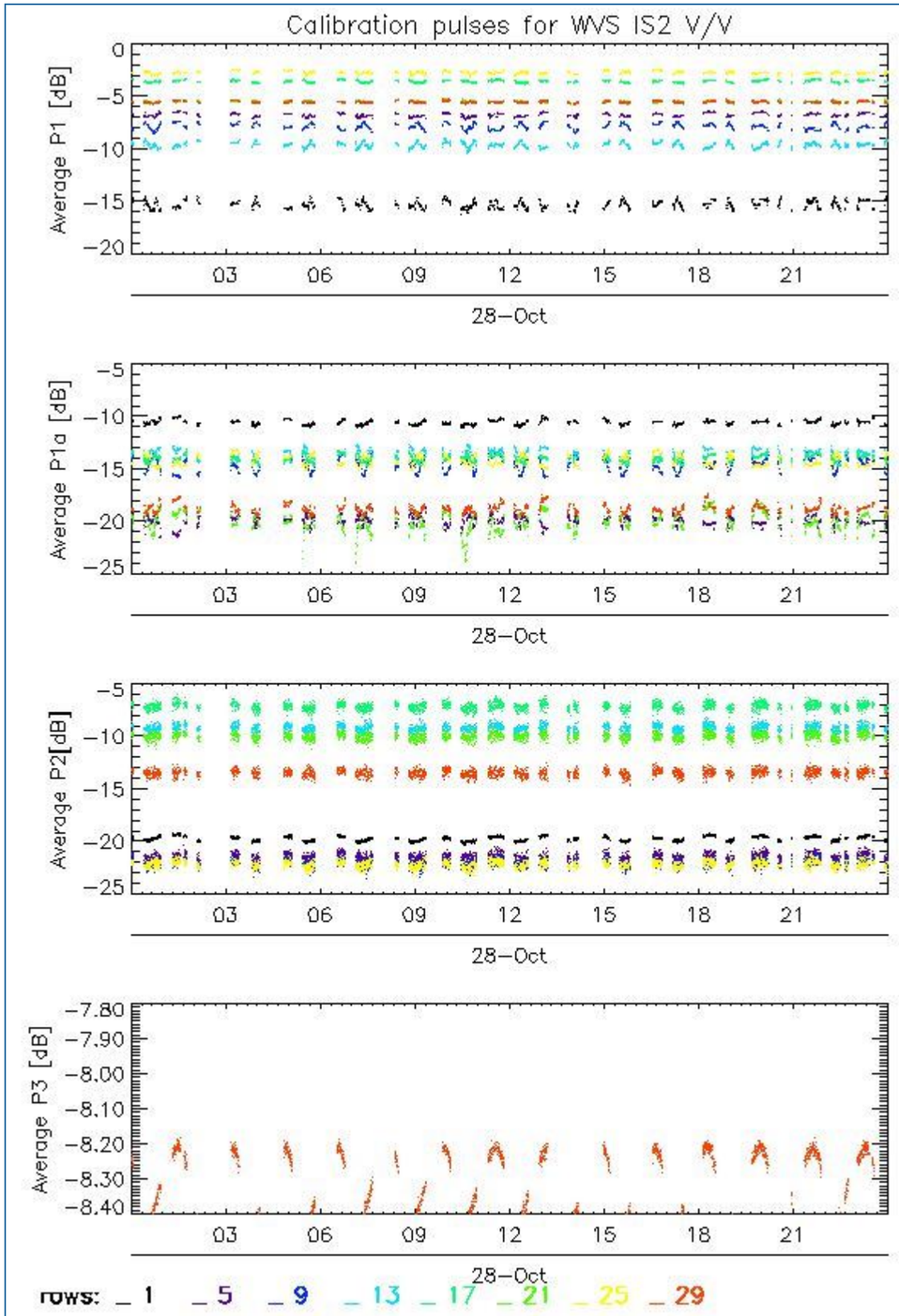
4 - CALIBRATION PULSES ANALYSIS

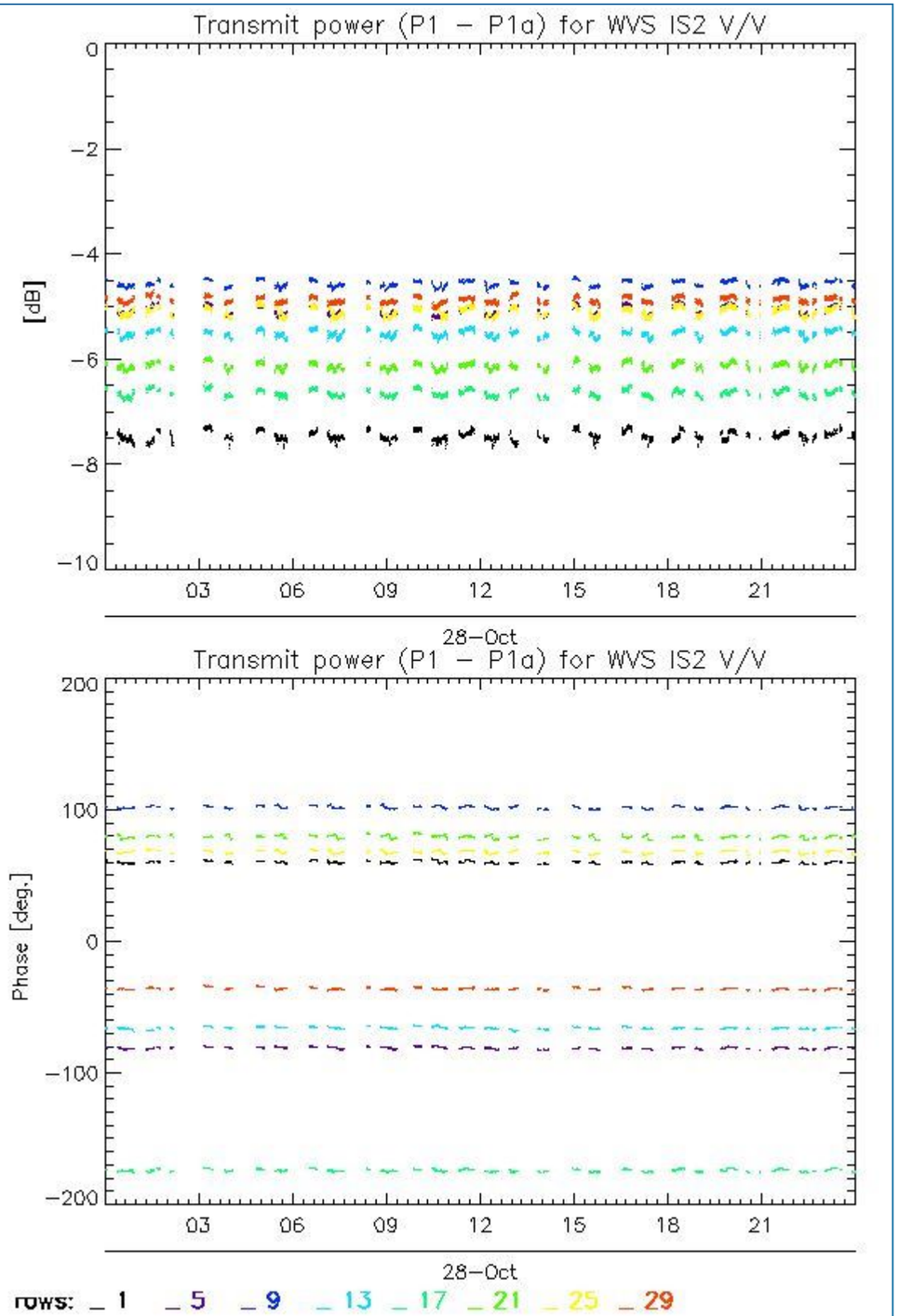
4.1 - Analysis for WVS IS2 V/V

4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

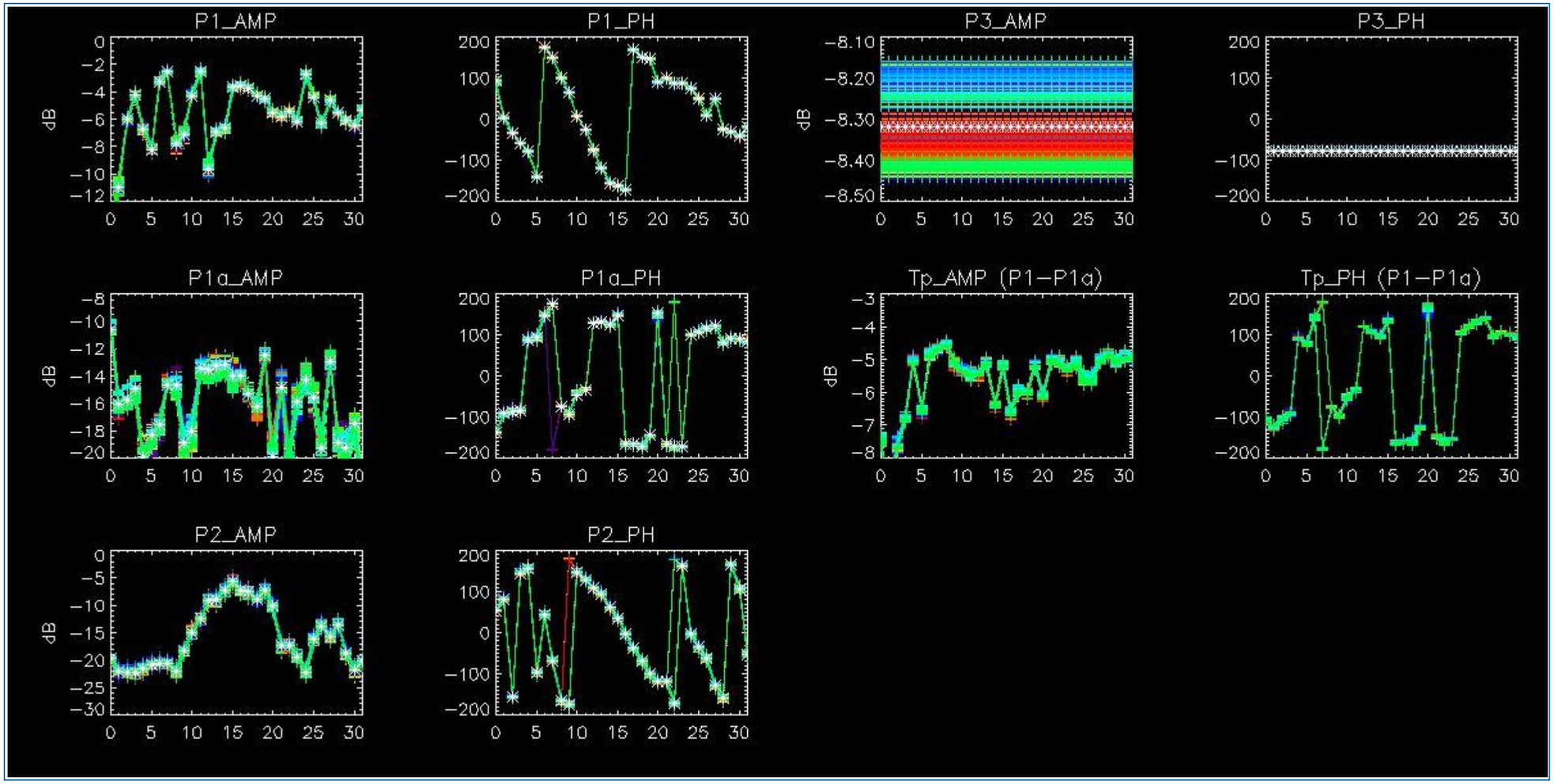
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





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

[BACK TO MENU]

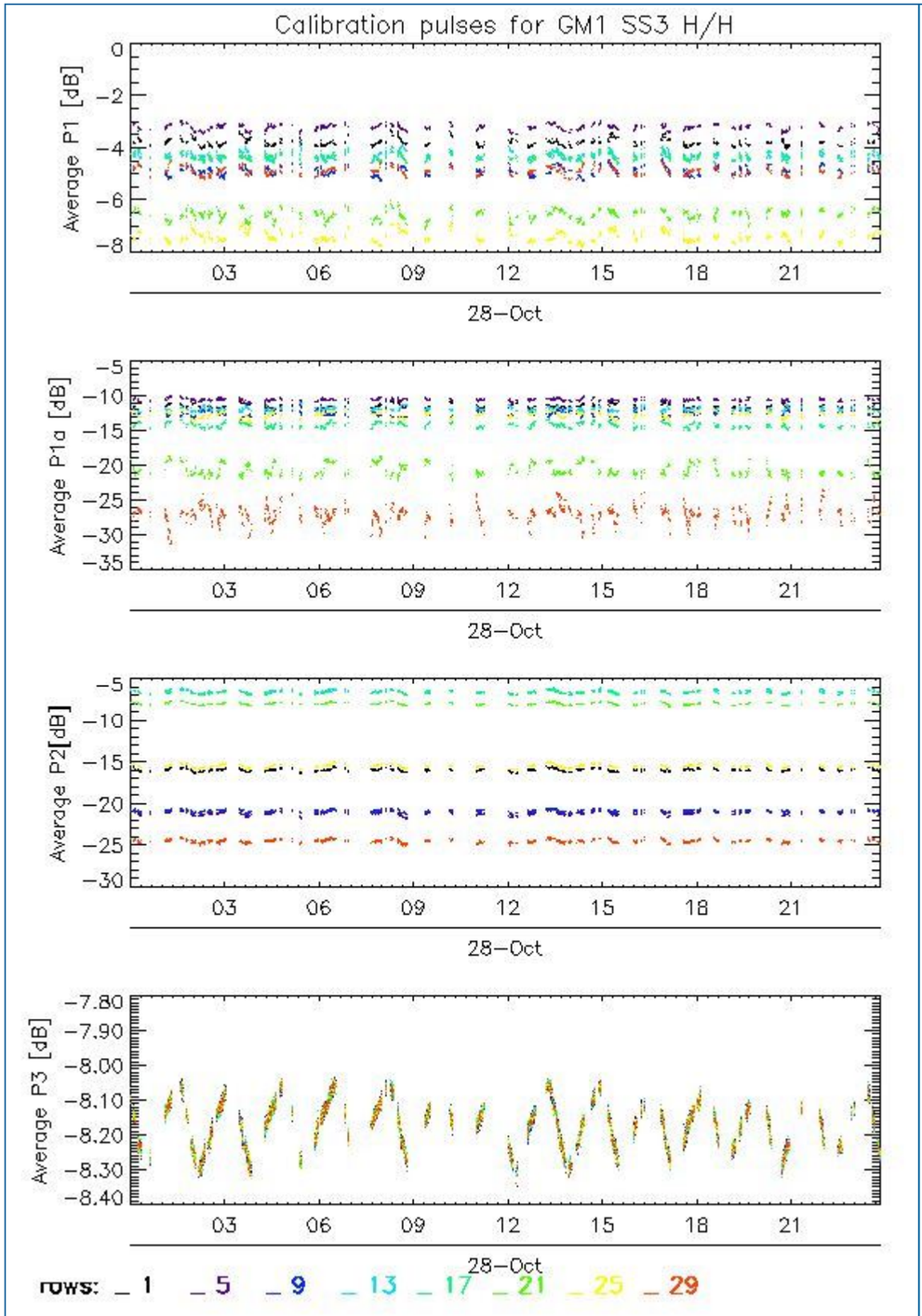


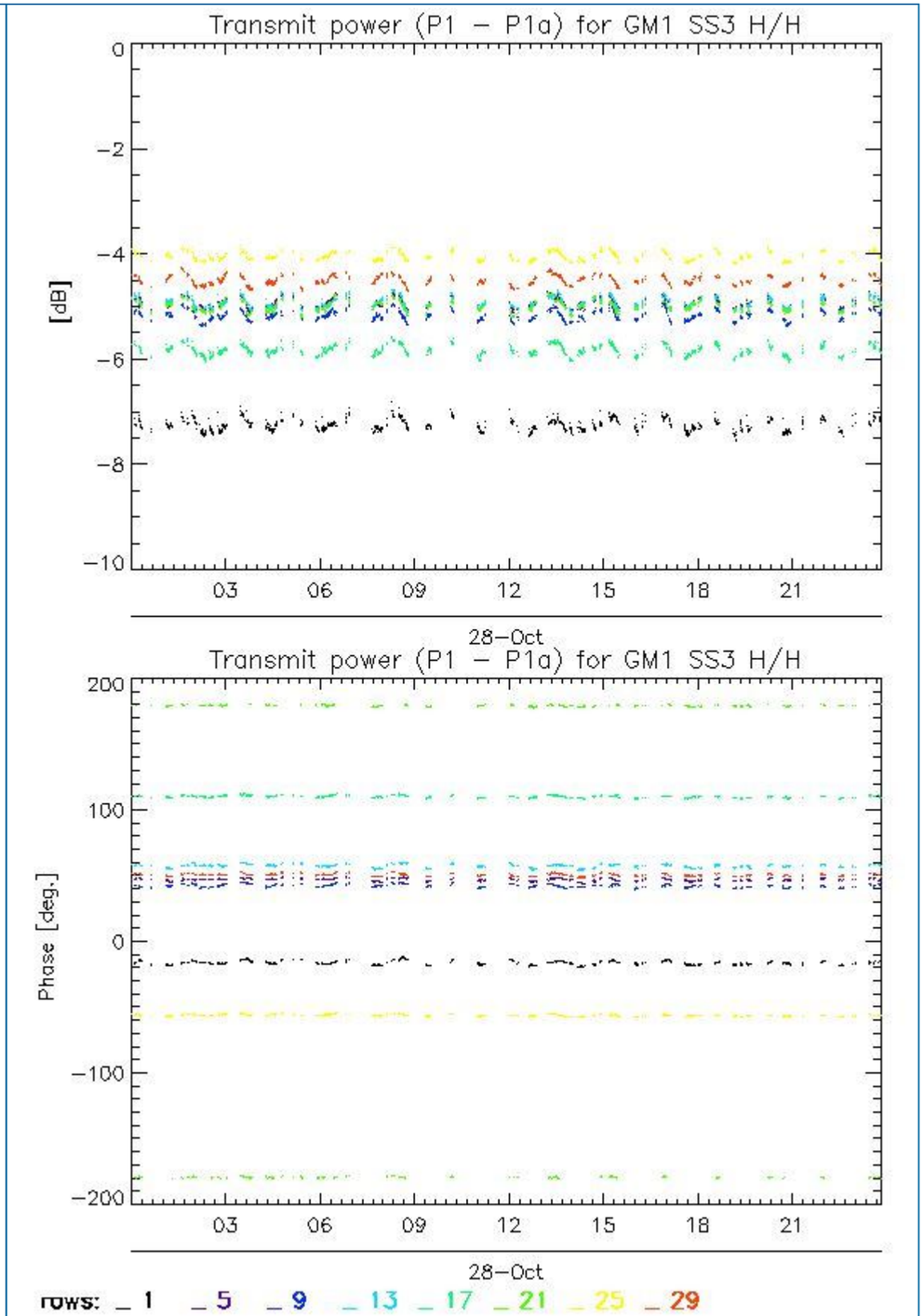
4.2 - Analysis for GM1 SS3 H/H

4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

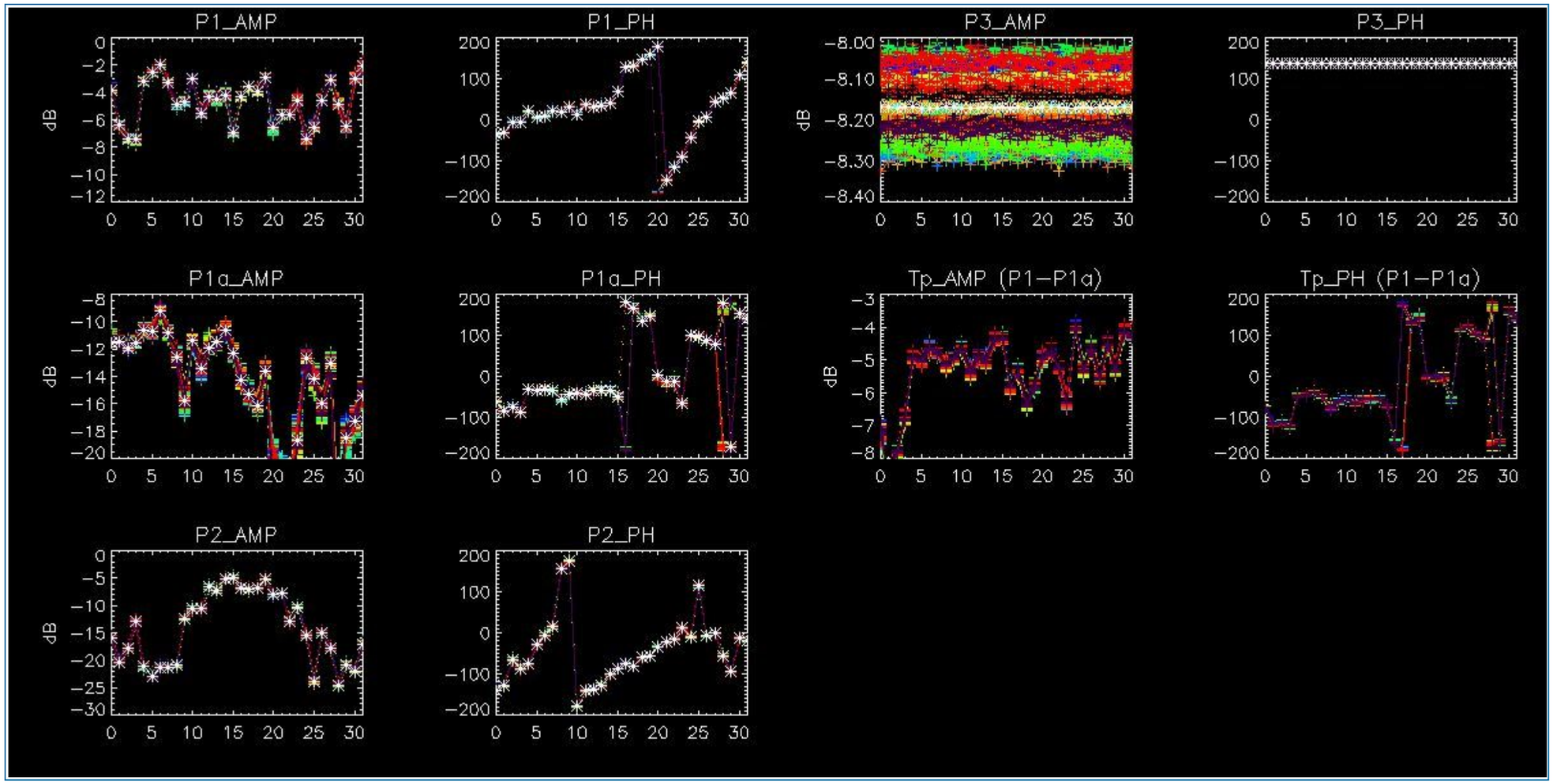
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





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

[BACK TO MENU]

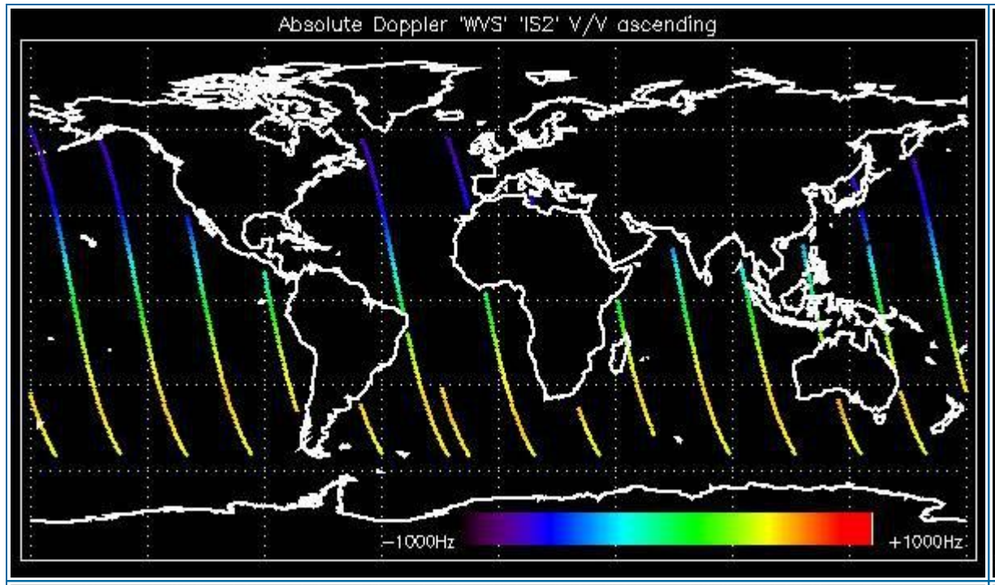


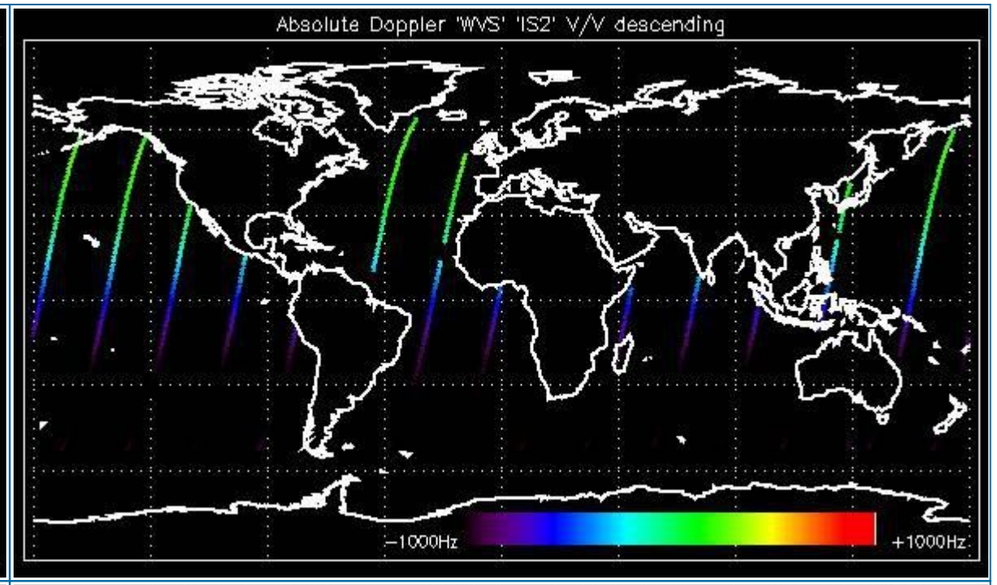
5 - DOPPLER ANALYSIS

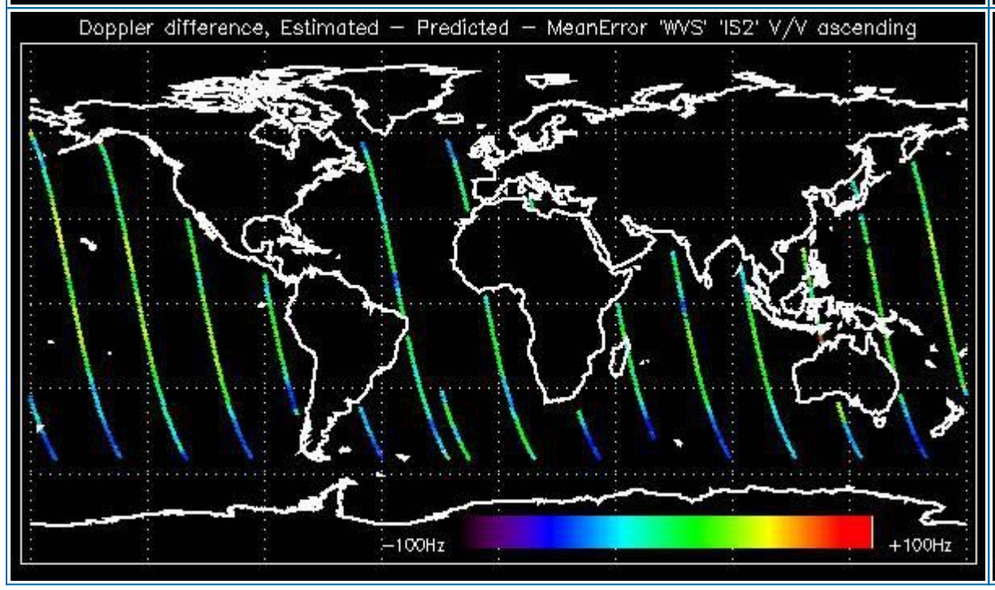
5.1 - Analysis for WVS IS2 V/V

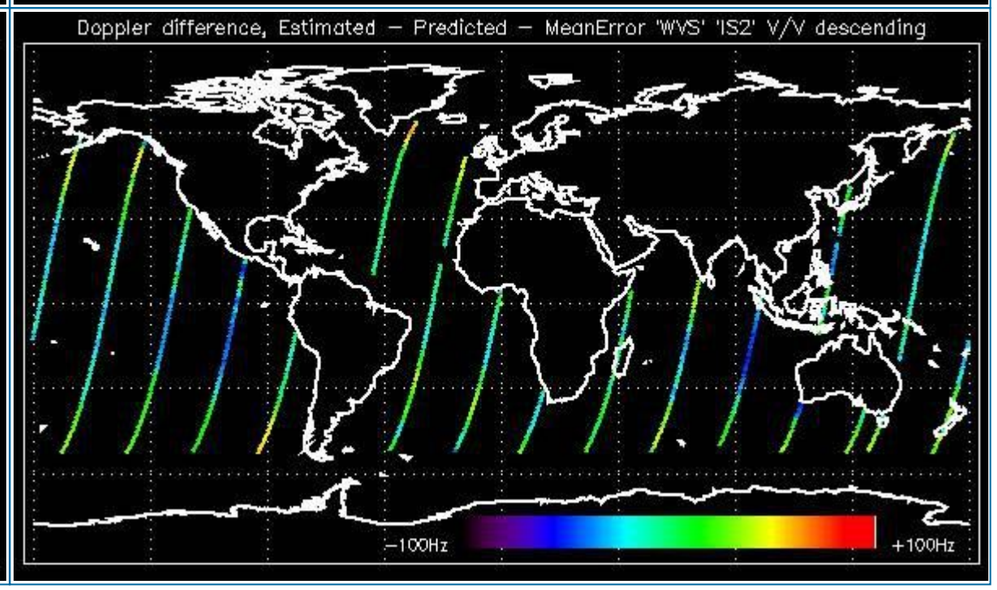
5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[BACK TO MENU]



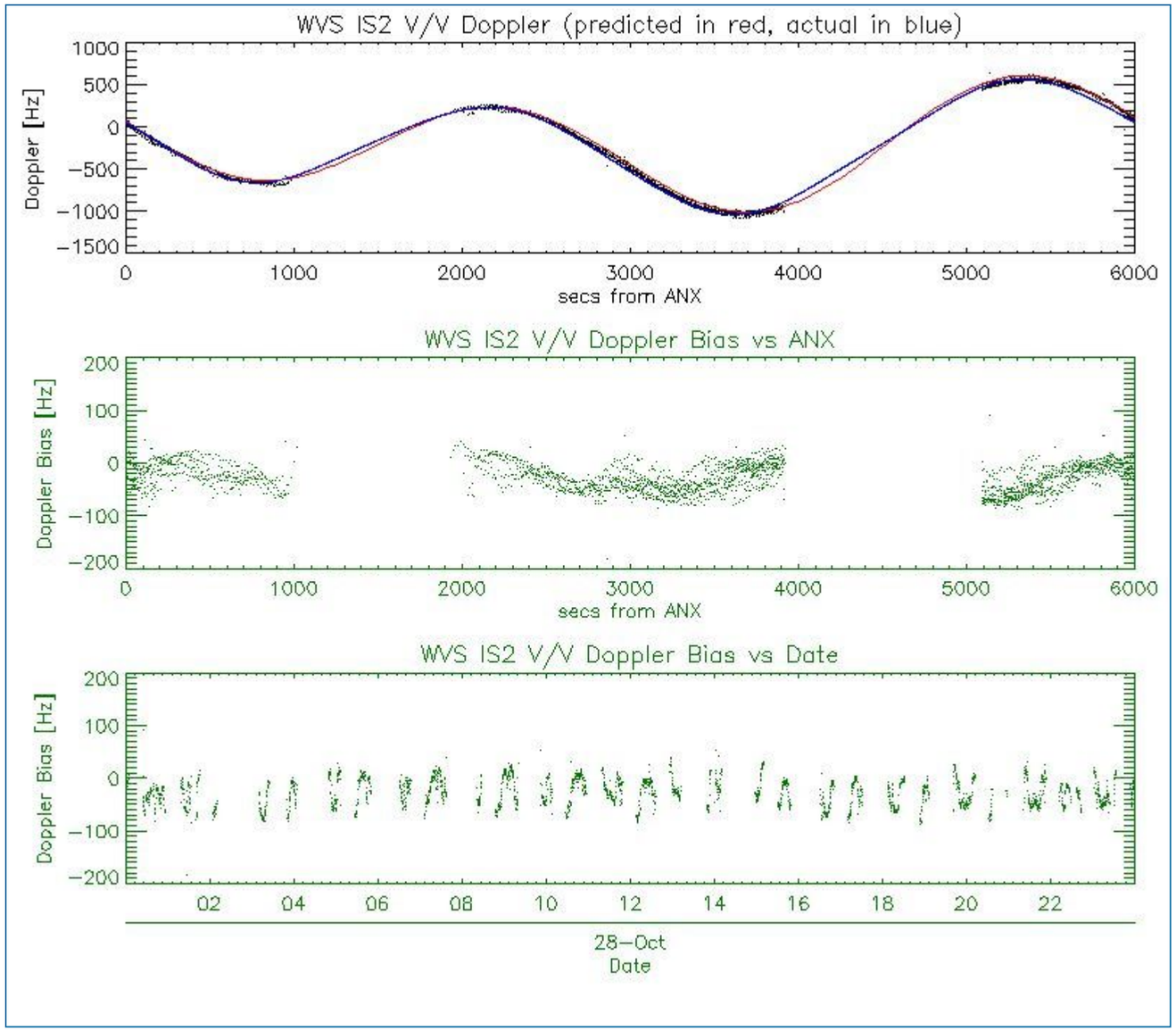






5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

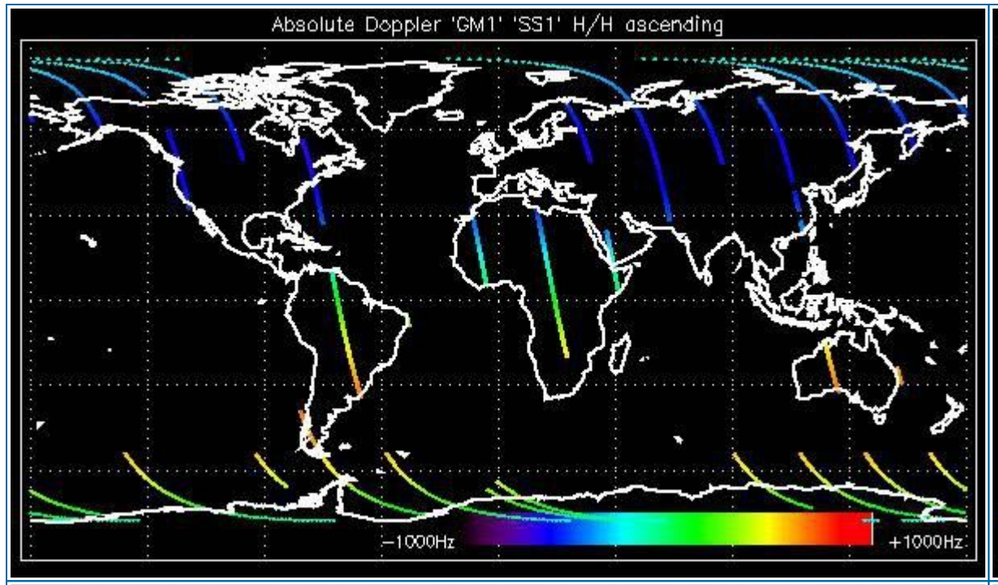
[BACK TO MENU]

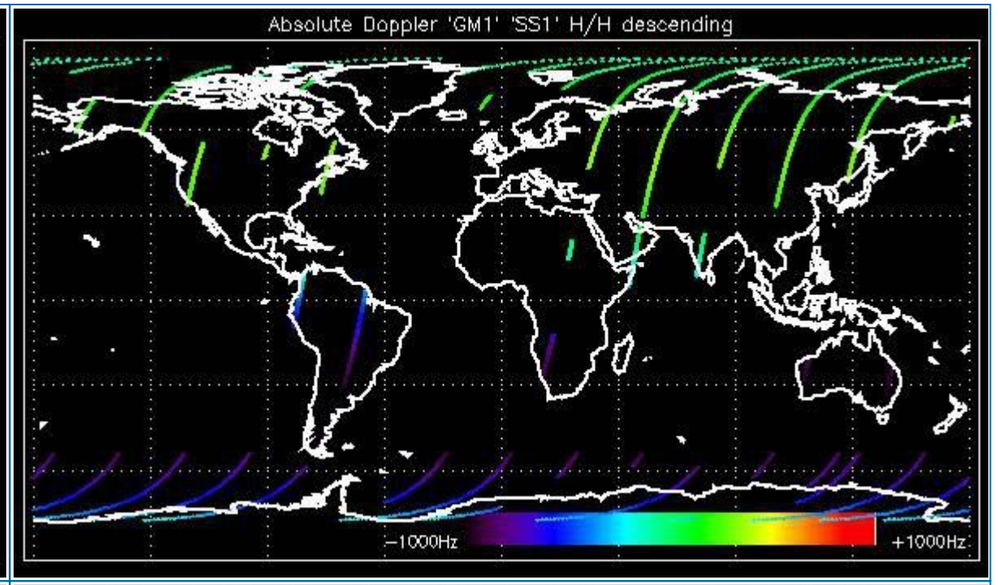


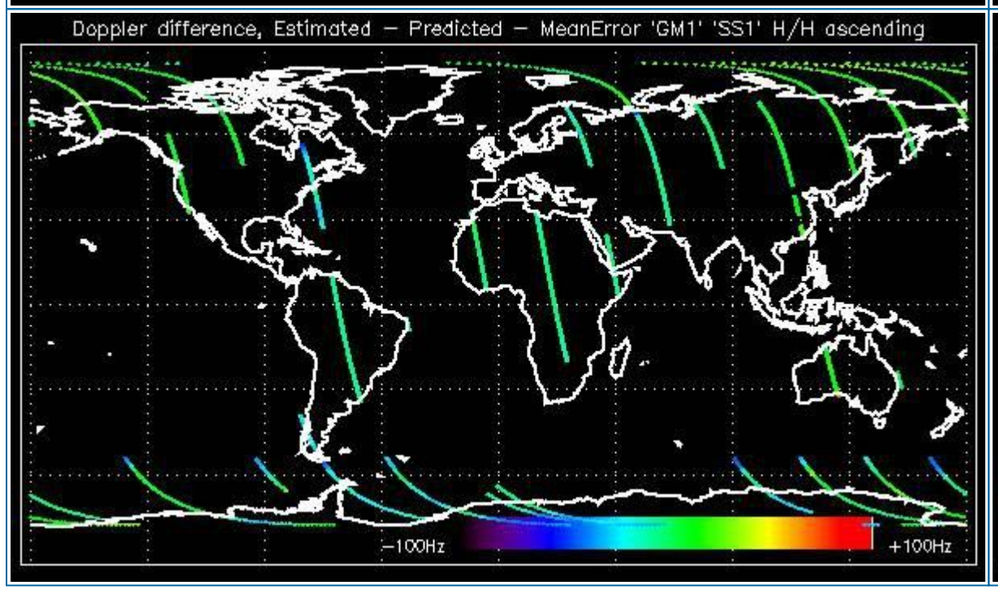
5.2 - Analysis for GM1 SS1 H/H

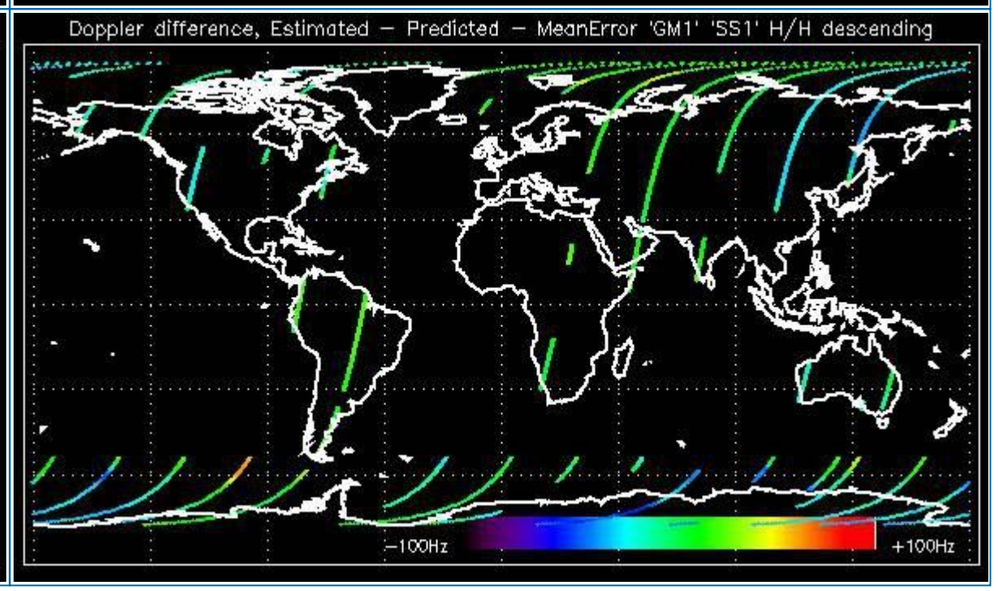
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]



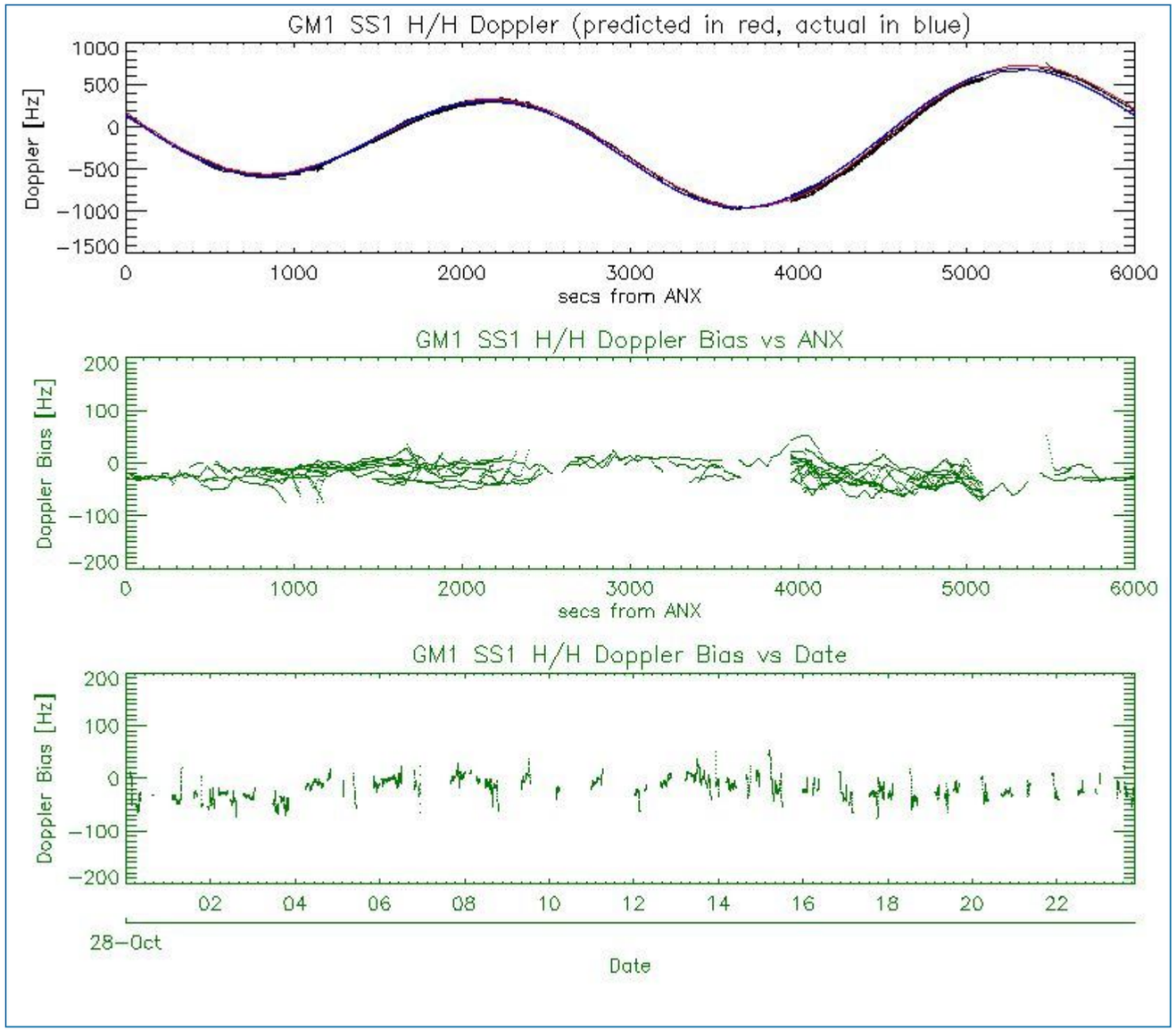






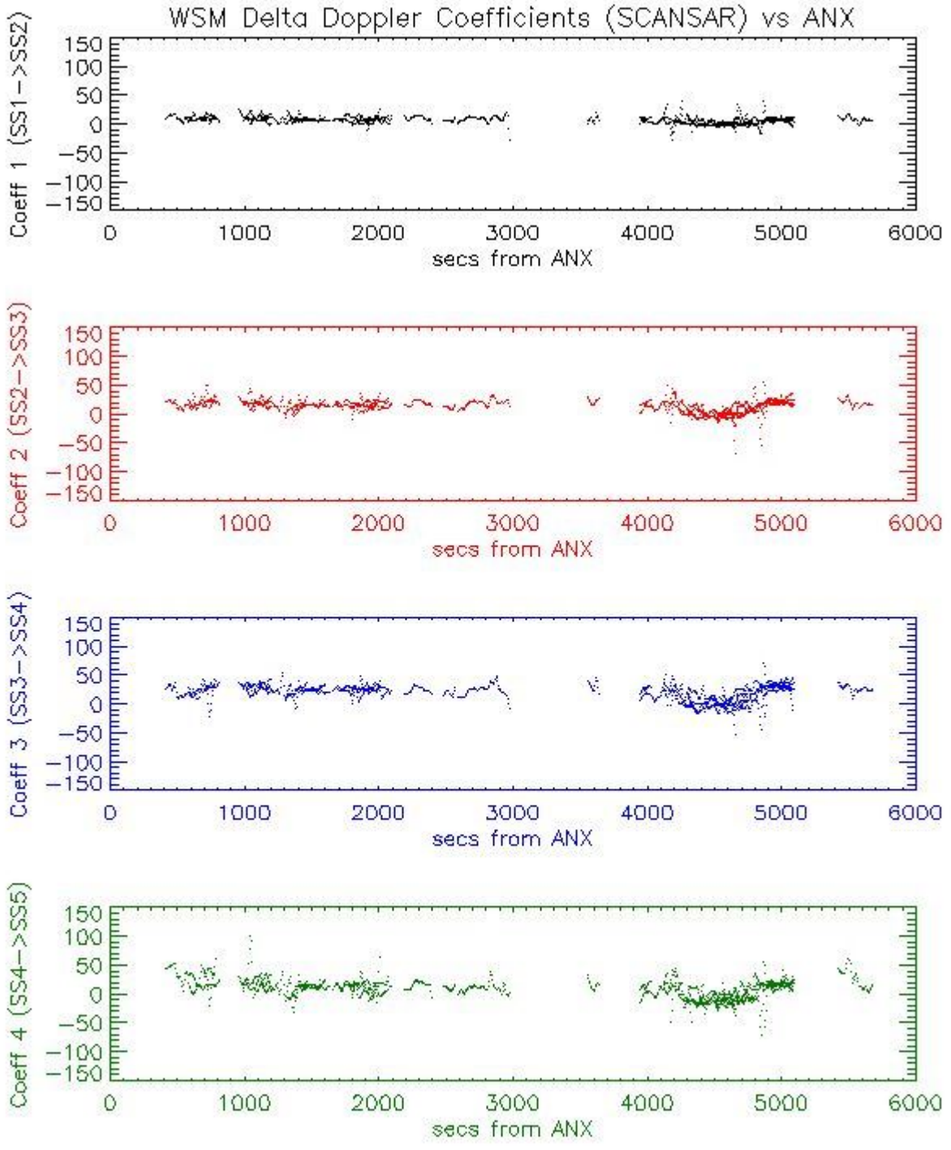
5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

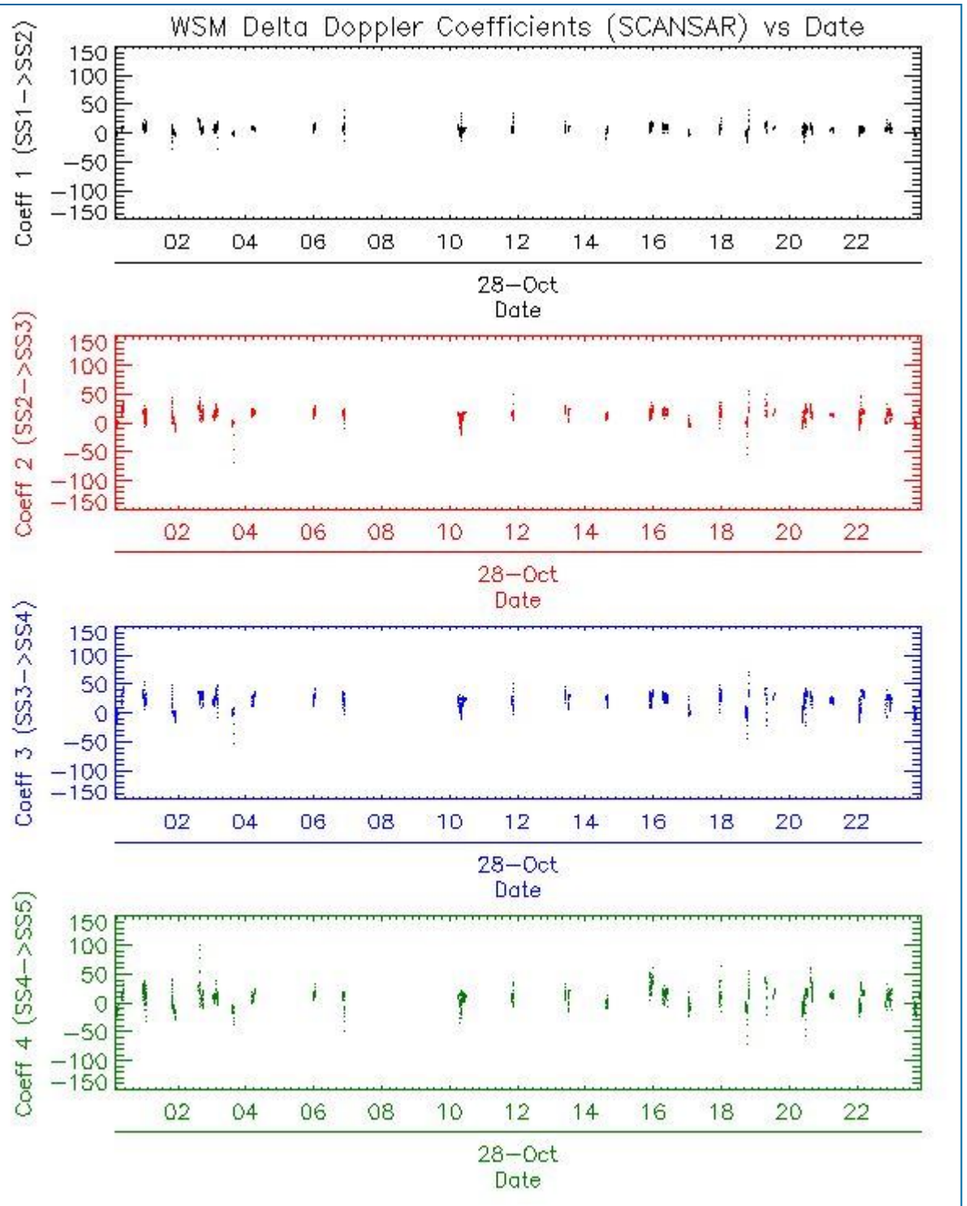
[BACK TO MENU]



5.3 - **Doppler JUMPS Analysis for WSM**

[BACK TO MENU]



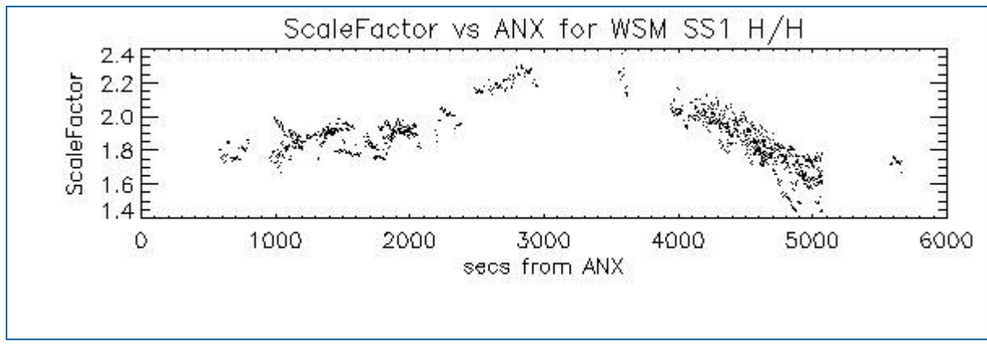


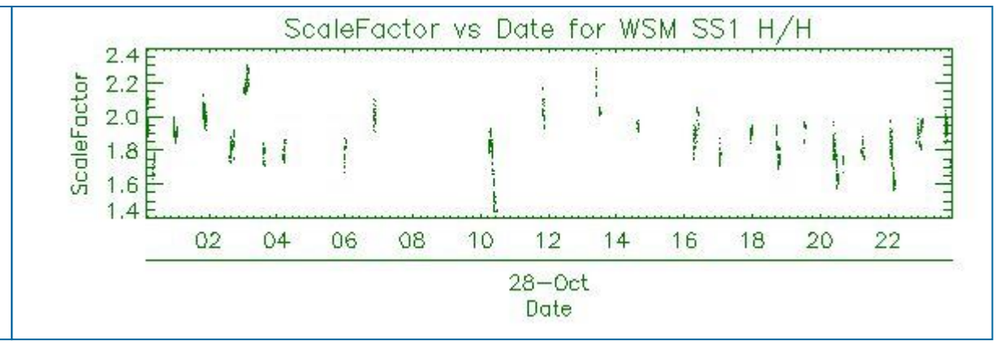
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

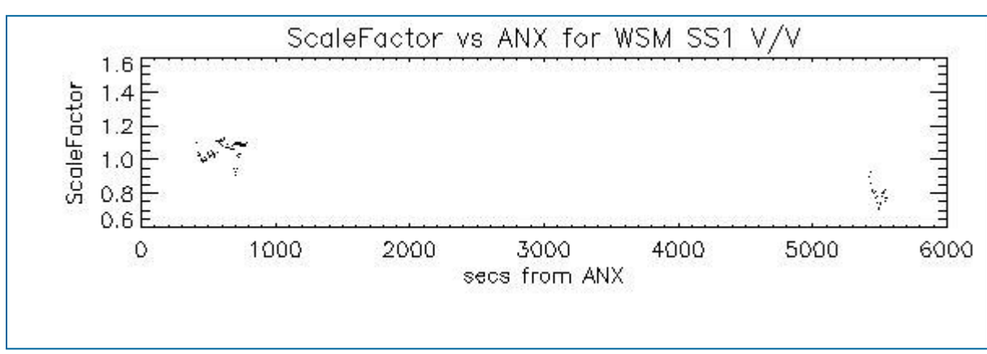


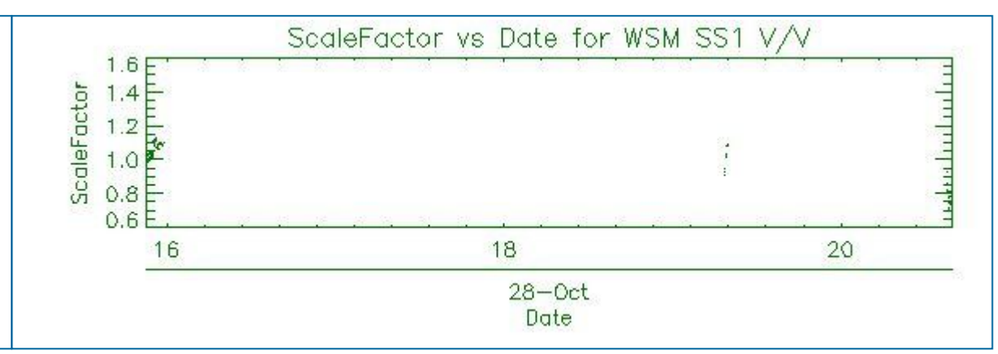


6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[BACK TO MENU]

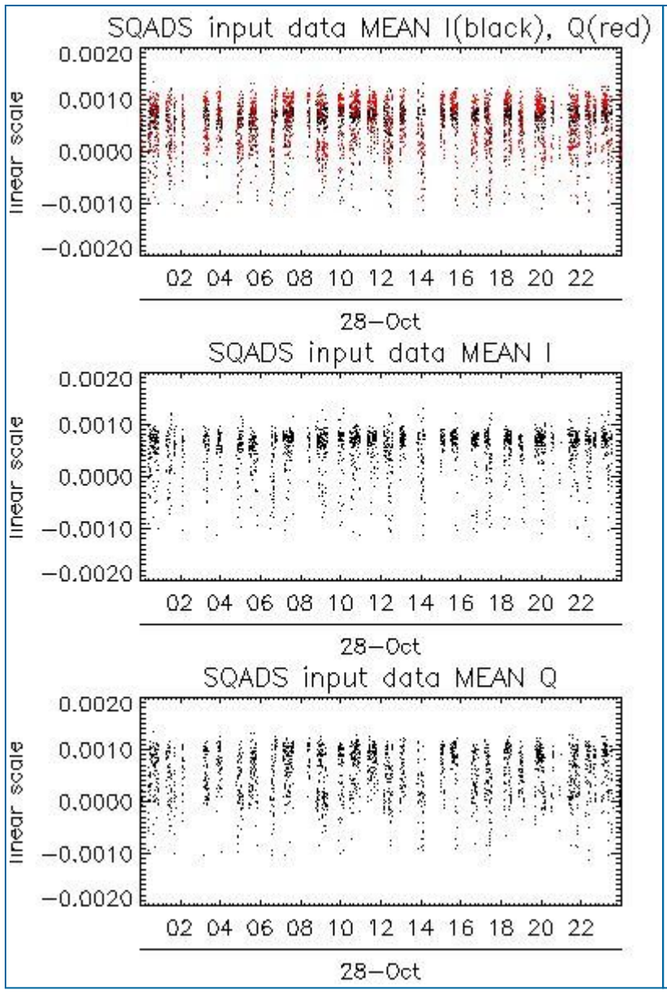


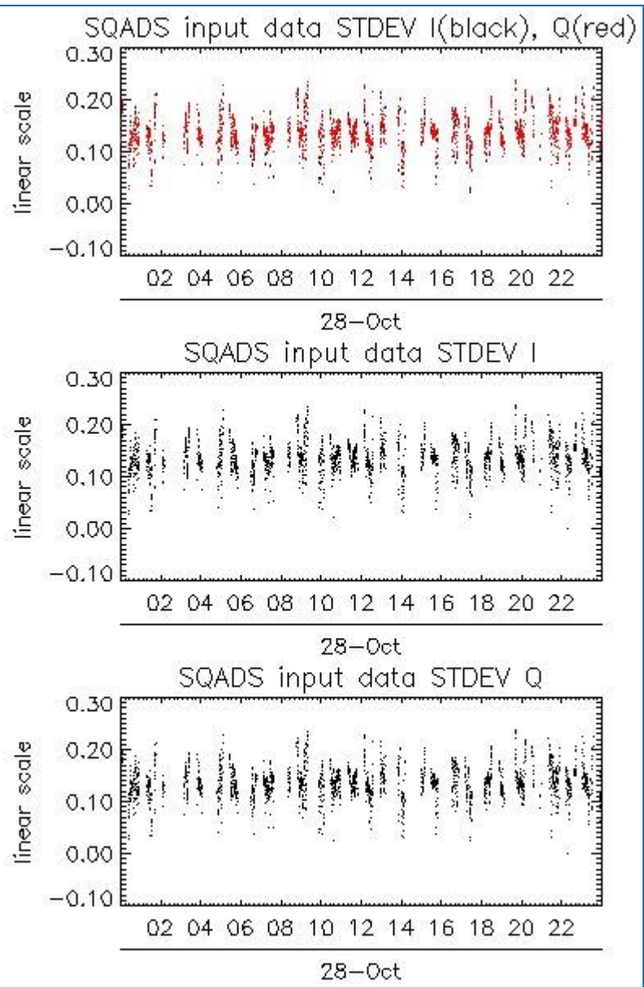


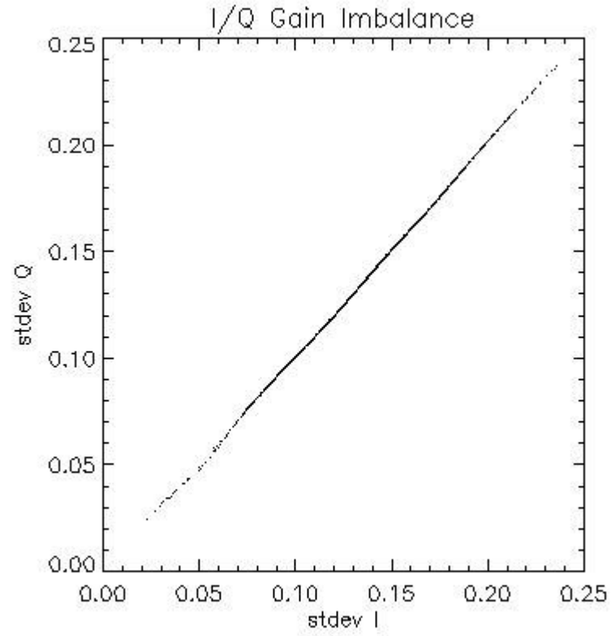
7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[BACK TO MENU]



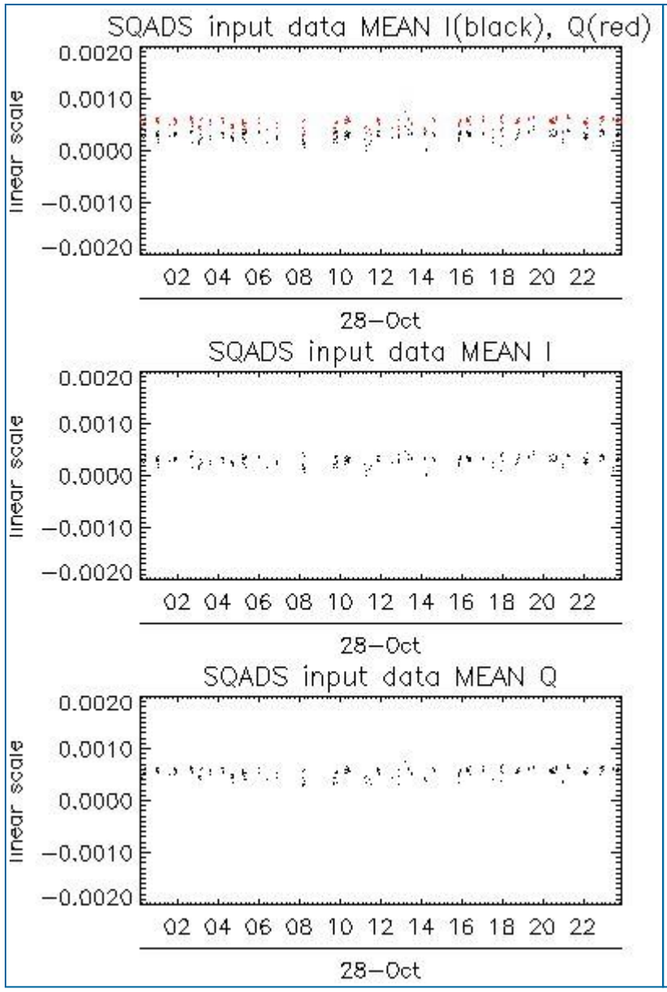


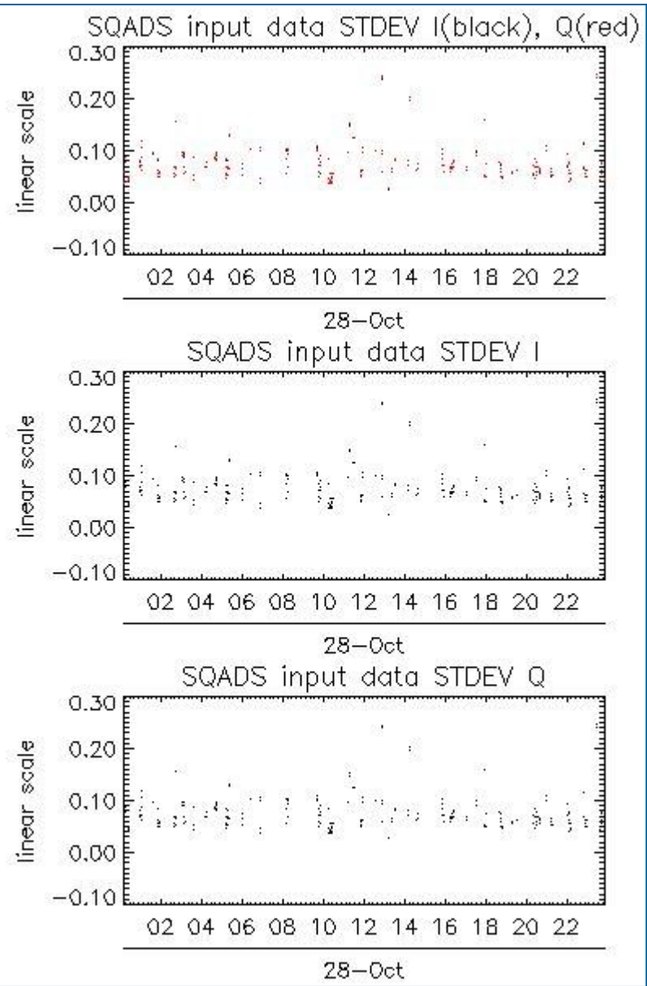


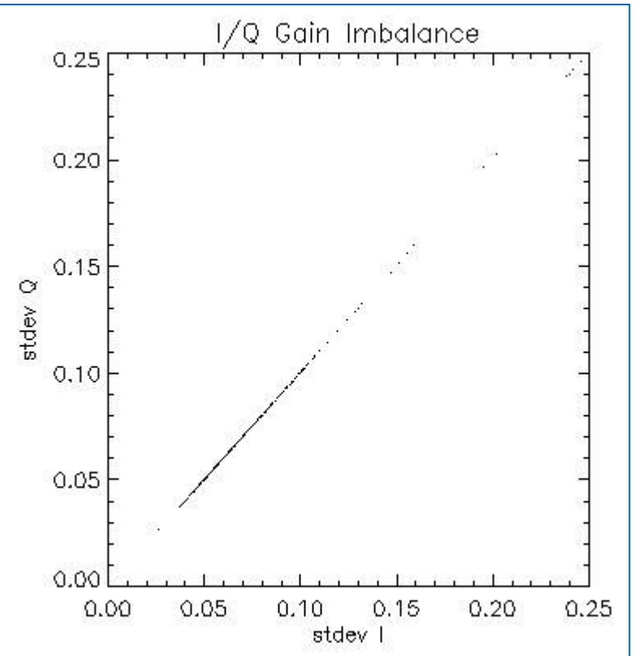
Channel	Statistics	DSS-B
MEAN I	mean	0.000534419
	stdev	1.64520e-07
MEAN Q	mean	0.000552586
	stdev	2.19721e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.136697
	stdev	0.000925292
STDEV Q	mean	0.137082
	stdev	0.000942503

7.2 - Analysis for IMM

[BACK TO MENU]





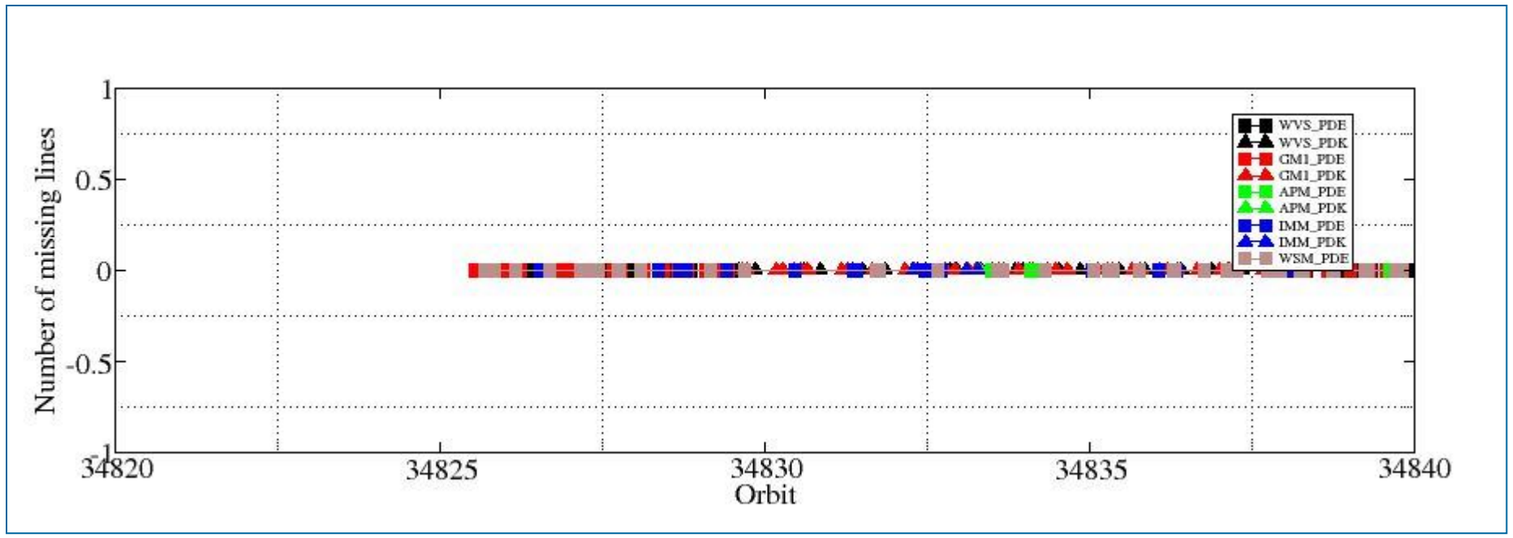


Channel	Statistics	DSS-B
MEAN I	mean	0.000294204
	stdev	7.16856e-09
MEAN Q	mean	0.000539258
	stdev	8.37487e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0749625
	stdev	0.00114068
STDEV Q	mean	0.0752636
	stdev	0.00115073

8 - TELEMETRY ANALYSIS

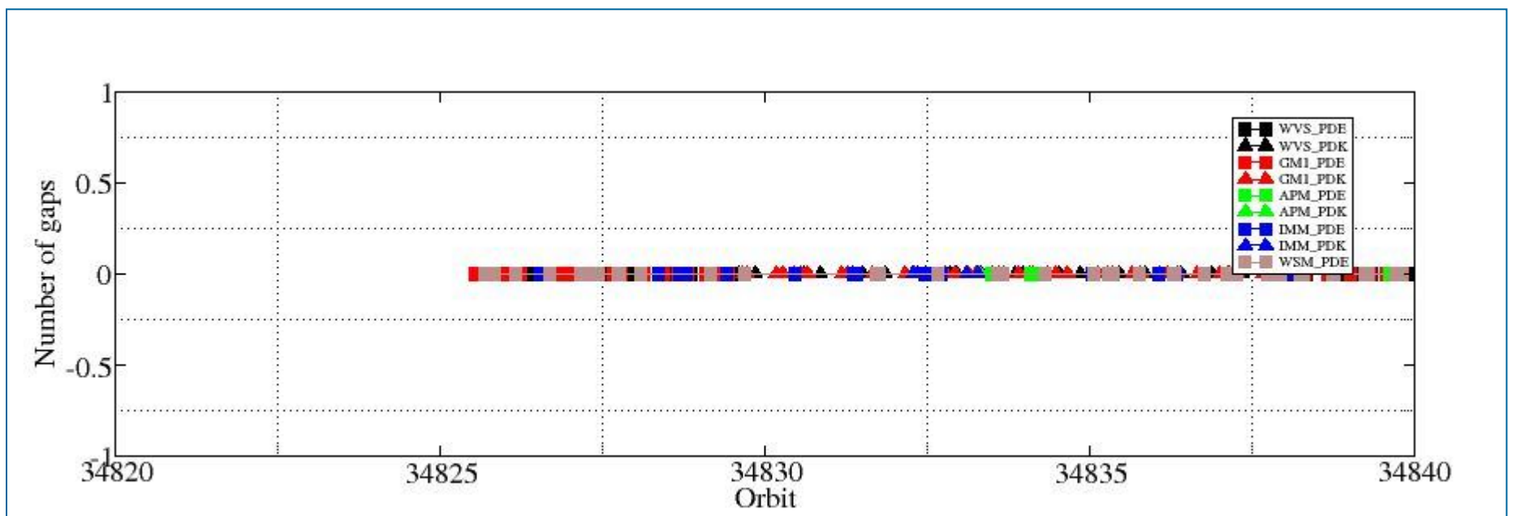
8.1 - Number of Missing lines

[BACK TO MENU]



8.2 - Number of Gaps

[BACK TO MENU]



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```
######################################################################
ASAR DAILY REPORT for 081028
######################################################################

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/


DATA SUMMARY
######################################################################
Summary will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/081028/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/Data_summary.html...

**************************************************
Getting WVS products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_WVS_products_used.txt...

**************************************************
Getting GM1 products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_GM1_products_used.txt...

**************************************************
Getting APM products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_APM_products_used.txt...

**************************************************
Getting IMM products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_IMM_products_used.txt...

**************************************************
Getting WSM products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_WSM_products_used.txt...

**************************************************
Getting MS products list from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/081028/DATA_SUMMARY/List_MS_products_used.txt...

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



AUXILIARY FILES ANALYSIS
######################################################################
Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/AUXILIARY

Creating directory ./RESULTS/DAILY/081028/AUXILIARY...


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

```
Found list 20081028_030001_current_3_IECF_ADFs.txt...
Extracting ADFs...

       ASA_CON_AXVIEC20080710_132557_20070204_165113_20081231_000000
       ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
       ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
       ASA_XCA_AXVIEC20080710_133546_20070204_165113_20081231_000000

Writing file ./RESULTS/DAILY/081028/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Auxiliary_files_summary.html...


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

Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_WVS.txt...


ASA_WVS_1PNPDE20081028_000053_000002552073_00202_34825_1676.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_002442_000002992073_00202_34825_1679.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_002842_000004942073_00202_34825_1815.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_003900_000010342073_00202_34825_1820.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_011913_000008692073_00203_34826_1829.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_014040_000003002073_00203_34826_1832.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_020526_000003002073_00203_34826_1976.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_031035_000006292073_00204_34827_1979.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_032050_000002852073_00204_34827_2124.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_035029_000008242073_00204_34827_2121.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_044949_000008092073_00205_34828_2129.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_050304_000002252073_00205_34828_2280.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_052638_000014242073_00205_34828_2312.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_063126_000007192073_00206_34829_2315.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_212128_000018892073_00215_34838_2715.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_221229_000002242073_00215_34838_2718.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_221514_000008092073_00215_34838_2844.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_223719_000004192073_00216_34839_2851.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_230139_000013492073_00216_34839_2856.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_232951_000002102073_00216_34839_2863.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_235304_000002552073_00216_34839_2868.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081028_235635_000016942073_00216_34839_3012.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_064311_000002552073_00206_34829_4515.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_070705_000018892073_00206_34829_4520.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_082152_000003752073_00207_34830_4610.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_084750_000019492073_00207_34830_4619.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_095239_000009592073_00208_34831_4736.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_102817_000017692073_00208_34831_4746.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_111953_000005242073_00209_34832_4866.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_113035_000011092073_00209_34832_4876.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_120902_000003752073_00209_34832_4871.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_121748_000009312073_00209_34832_4879.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_123447_000001042073_00210_34833_4884.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_125649_000009142073_00210_34833_4998.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_134938_000003302073_00210_34833_5012.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_140109_000005542073_00210_34833_5003.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_145833_000007192073_00211_34834_5124.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_153014_000011392073_00211_34834_5136.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_163141_000011542073_00212_34835_5244.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_171050_000012292073_00212_34835_5256.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_180727_000014542073_00213_34836_5339.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_185329_000007942073_00213_34836_5351.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_194103_000018742073_00214_34837_5452.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_203153_000002852073_00214_34837_5455.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20081028_205645_000000592073_00215_34838_5460.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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

Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20081028_000548_000002112073_00202_34825_1673.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_001405_000004042073_00202_34825_1681.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_003739_000000782073_00202_34825_1812.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_010513_000008392073_00203_34826_1822.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_013619_000002592073_00203_34826_1826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_014623_000001572073_00203_34826_1824.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_015603_000005552073_00203_34826_1839.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_020412_000000722073_00203_34826_1963.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_021107_000007612073_00203_34826_1965.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_022825_000005072073_00204_34827_1967.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_024527_000010082073_00204_34827_2062.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_032818_000004652073_00204_34827_2111.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_033839_000007062073_00204_34827_2126.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_041520_000014192073_00205_34828_2228.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_044529_000002592073_00205_34828_2118.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_050735_000000842073_00205_34828_2273.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_052256_000002172073_00205_34828_2277.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_055107_000004712073_00206_34829_2275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_060237_000013102073_00206_34829_2366.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_062528_000003562073_00206_34829_2309.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_211810_000001932073_00215_34838_2712.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20081028_225424_000000842073_00216_34839_2846.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_230024_000000722073_00216_34839_2853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081028_232457_000002472073_00216_34839_2858.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20081028_064811_000001572073_00206_34829_4512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_065429_000001632073_00206_34829_4517.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_073925_000007612073_00207_34830_4527.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_075103_000005492073_00207_34830_4603.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_080722_000001142073_00207_34830_4605.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20081028_082847_000011422073_00207_34830_4692.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20081028_093118_000000842073_00208_34831_4733.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_100923_000003382073_00208_34831_4738.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_105838_000007792073_00209_34832_4752.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_111402_000000842073_00209_34832_4868.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_120138_000004412073_00209_34832_4873.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_121607_000000962073_00209_34832_4881.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_123715_000008822073_00210_34833_4891.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_125051_000000842073_00210_34833_4991.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_131359_000005862073_00210_34833_4993.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_132521_000002952073_00210_34833_4995.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_133153_000010632073_00210_34833_5088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_135550_000003202073_00210_34833_5009.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_141135_000000782073_00211_34834_5007.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_141355_000001142073_00211_34834_5005.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_141650_000005072073_00211_34834_5000.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_143956_000003142073_00211_34834_5119.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_145251_000003382073_00211_34834_5121.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_151111_000011412073_00211_34834_5207.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_155912_000004282073_00212_34835_5138.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_161311_000001502073_00212_34835_5237.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_162052_000000842073_00212_34835_5239.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_165147_000006042073_00212_34835_5241.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_170426_000003802073_00212_34835_5246.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_173410_000007122073_00213_34836_5253.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_174517_000005922073_00213_34836_5334.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_180113_000003742073_00213_34836_5336.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_183223_000005672073_00213_34836_5341.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_GM1_1PNPDK20081028_190729_000003742073_00214_34837_5343.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_192039_000002232073_00214_34837_5353.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_192314_000002052073_00214_34837_5447.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_193347_000004342073_00214_34837_5449.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_201259_000005432073_00214_34837_5457.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20081028_204144_000009002073_00214_34837_5471.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


*****************************************************
Analysing APM products...

Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_APM.xls...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_APM.txt...


ASA_APM_1PNPDE20081028_131241_000000572073_00210_34833_2550.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20081028_141252_000000442073_00211_34834_2556.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20081028_141547_000000432073_00211_34834_2558.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20081028_232902_000000422073_00216_34839_2960.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20081028_125548_000000432073_00210_34833_4962.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


*****************************************************
Analysing IMM products...

Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_IMM.xls...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_IMM.txt...


ASA_IMM_1PNPDE20081028_013426_000000432073_00203_34826_1908.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_024155_000000392073_00204_34827_1953.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_043858_000003792073_00205_34828_2218.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_051036_000002022073_00205_34828_2230.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_051436_000001222073_00205_34828_2269.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_051436_000003222073_00205_34828_2376.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_051739_000001392073_00205_34828_2270.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_052004_000001622073_00205_34828_2267.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_062425_000000532073_00206_34829_2241.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_080916_000004352073_00207_34830_2427.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_094058_000000372073_00208_34831_2433.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_094452_000004602073_00208_34831_2473.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_112921_000000672073_00209_34832_2490.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_115414_000001622073_00209_34832_2527.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_155038_000000962073_00212_34835_2574.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_173237_000000822073_00213_34836_2626.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_175508_000000392073_00213_34836_2632.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_180010_000000512073_00213_34836_2634.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081028_205956_000000422073_00215_34838_2720.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_093926_000001142073_00208_34831_4711.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_111137_000000372073_00209_34832_4749.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_111824_000000822073_00209_34832_4832.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_123404_000000362073_00210_34833_4960.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_125212_000001422073_00210_34833_4978.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20081028_205944_000000832073_00215_34838_5540.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


*****************************************************
Analysing WSM products...

Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/081028/AUXILIARY/Check_ADFs_WSM.txt...


ASA_WSM_1PNPDE20081028_000923_000002752073_00202_34825_1797.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_002053_000001342073_00202_34825_1810.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_002053_000002252073_00202_34825_1932.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_002402_000000362073_00202_34825_1785.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_005653_000004892073_00203_34826_1951.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WSM_1PNPDE20081028_014907_000004092073_00203_34826_2043.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_023656_000002502073_00204_34827_2045.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_024251_000001522073_00204_34827_2070.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_030221_000000912073_00204_34827_2072.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_030404_000003912073_00204_34827_2087.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_033605_000001522073_00204_34827_2208.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_041119_000002372073_00205_34828_2220.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_055903_000001892073_00206_34829_2384.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_065055_000002082073_00206_34829_2386.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_101508_000002312073_00208_34831_2477.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_101929_000005252073_00208_34831_2542.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_114944_000002072073_00209_34832_2537.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_132346_000000922073_00210_34833_2578.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_133019_000000922073_00210_34833_2576.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_143706_000001532073_00211_34834_2592.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_155241_000003732073_00212_34835_2594.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_161548_000002992073_00212_34835_2630.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_162218_000002082073_00212_34835_2628.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_170152_000001532073_00212_34835_2624.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_175620_000002142073_00213_34836_2666.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_184156_000004822073_00213_34836_2668.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_191829_000000922073_00214_34837_2664.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_193201_000001042073_00214_34837_2704.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_202204_000005872073_00214_34837_2710.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_203721_000001532073_00214_34837_2708.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_203955_000001042073_00214_34837_2706.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_211138_000001902073_00215_34838_2829.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_211536_000001342073_00215_34838_2831.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_220240_000005872073_00215_34838_2865.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_225050_000002082073_00216_34839_2999.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_225550_000002692073_00216_34839_3001.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_233954_000002932073_00216_34839_2989.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081028_235016_000001642073_00216_34839_2991.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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



MODULE STEPPING ANALYSIS
######################################################################
Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/081028/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/081028/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

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

Exporting results to the directory ../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDE20081028_050903_000000162073_00205_34828_0345.N1
      H
      H
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/TGH_20081028_050903-20050922_062651.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/TPH_20081028_050903-20050922_062651.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/RGH_20081028_050903-20050922_062651.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/RPH_20081028_050903-20050922_062651.png
```

```
Polarization:  V
Reference product:  ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDE20081027_054040_000000162073_00191_34814_0344.N1
      V
      V
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/TGV_20081027_054040-20050923_055514.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/TPV_20081027_054040-20050923_055514.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/RGV_20081027_054040-20050923_055514.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/SECOND_REFERENCE/RPV_20081027_054040-20050923_055514.png

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

Exporting results to the directory ../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDK20081026_061217_000000162073_00177_34800_0670.N1
Test product: ASA_MS__0PNPDE20081028_050903_000000162073_00205_34828_0345.N1
      H
      H
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20081028_050903-20081026_061217.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20081028_050903-20081026_061217.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20081028_050903-20081026_061217.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20081028_050903-20081026_061217.png

Polarization:  V
Reference product:  ASA_MS__0PNPDK20081025_064354_000000162073_00163_34786_0669.N1
Test product: ASA_MS__0PNPDE20081027_054040_000000162073_00191_34814_0344.N1
      V
      V
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20081027_054040-20081025_064354.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20081027_054040-20081025_064354.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20081027_054040-20081025_064354.png
../../RESULTS/DAILY/081028/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20081027_054040-20081025_064354.png

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



CALIBRATION PULSES ANALYSIS
####################################################################
Creating directory ./RESULTS/DAILY/081028/CALIBRATION_PULSES...


**************************************************************************************
**************************************************************************************
ALL ROWS Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59

Analysing products WVS IS2 V/V
Writing image ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...


**************************************************************************************
**************************************************************************************
TEMPORAL EVOLUTION Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-10-28_1.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-10-28_2.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...


Getting calibration pulses data for WVS IS2 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-10-28_3.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...


Getting calibration pulses data for WVS IS2 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-10-28_4.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../.././RESULTS/DAILY/081028//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 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-10-28_1.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...


Getting calibration pulses data for GM1 SS3 H/H from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-10-28_2.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...


Getting calibration pulses data for GM1 SS3 H/H from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-10-28_3.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...


Getting calibration pulses data for GM1 SS3 H/H from 2008-10-28 00:00:00 to 2008-10-28 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/081028/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-10-28_4.dat...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../.././RESULTS/DAILY/081028//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...



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




DOPPLER ANALYSIS
#####################################################################
Creating directory ./RESULTS/DAILY/081028/DOPPLER...


*********************************************************************************************
*********************************************************************************************
DOPPLER ANX Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DOPPLER/Doppler_data_WVS_IS2_VV_2008-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081028/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DOPPLER/Doppler_data_GM1_SS1_HH_2008-10-28.dat...
```

```
Running IDL program...
Writing file ../../RESULTS/DAILY/081028/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...



********************************************************************************************
********************************************************************************************
DOPPLER JUMPS Analysis will be performed on WSM products from 2008-10-28 00:00:00 to 2008-10-28 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/DOPPLER/Doppler_Jumps_data_WSM_2008-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081028/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/081028/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

********************************************************************************************
********************************************************************************************
DOPPLER MAP Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 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 =  -27.873280 Hz
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

*****************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -26.961634 Hz
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../.././RESULTS/DAILY/081028//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 =  -14.326375 Hz
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

*****************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -23.842986 Hz
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../.././RESULTS/DAILY/081028//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

*****************************************************


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

```
CHIRP ANALYSIS
######################################################################
Creating directory ./RESULTS/DAILY/081028/CHIRP...


**************************************************************************************
**************************************************************************************
CHIRP Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59


Analysing products WSM SS1 H/H
**********************************************************************
Getting ScaleFactor data for WSM SS1 H/H from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/CHIRP/ScaleFactor_data_WSM_SS1_HH_2008-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081028/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/081028/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...


Analysing products WSM SS1 V/V
**********************************************************************
Getting ScaleFactor data for WSM SS1 V/V from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/CHIRP/ScaleFactor_data_WSM_SS1_VV_2008-10-28.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081028/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/081028/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

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




RAW DATA ANALYSIS
######################################################################
Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/RAW_DATA

Creating directory ./RESULTS/DAILY/081028/RAW_DATA...

**************************************************************************
Getting raw data for WVS from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/RAW_DATA/Raw_data_WVS_2008-10-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

**************************************************************************
Getting raw data for IMM from 2008-10-28 00:00:00 to 2008-10-28 23:59:59...
Writing file ./RESULTS/DAILY/081028/RAW_DATA/Raw_data_IMM_2008-10-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/081028/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

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




TELEMETRY ANALYSIS
######################################################################
Analysis will be performed from 2008-10-28 00:00:00 to 2008-10-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081028/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/081028/TELEMETRY...

Looking for gaps and missing lines in WVS products...
**********************************
Checking 22 products from PDE...
Checking 23 products from PDK...

Looking for gaps and missing lines in GM1 products...
**********************************
Checking 29 products from PDE...
Checking 41 products from PDK...

Looking for gaps and missing lines in APM products...
**********************************
Checking 4 products from PDE...
Checking 1 products from PDK...

Looking for gaps and missing lines in IMM products...
**********************************
Checking 19 products from PDE...
Checking 6 products from PDK...

Looking for gaps and missing lines in WSM products...
**********************************
Checking 38 products from PDE...
No products from PDK...

Creating graph of missing lines and gaps...
************************************************************
Creating image: ./RESULTS/DAILY/081028/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/081028/TELEMETRY/TELEMETRY_Gaps.png...

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



BROWSE PRODUCTS ANALYSIS
######################################################################
Analysis will be performed on 2008-10-28


************************************************************
Scanning directory /nas3/ENVISAT/ASAR//ASA_GM__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM__BP/JPG/20081028/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_211810_000001932073_00215_34838_2713.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_215335_000005432073_00215_34838_2728.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_222922_000004772073_00216_34839_2849.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_225424_000000842073_00216_34839_2847.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_230024_000000722073_00216_34839_2854.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_232457_000002472073_00216_34839_2859.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_233410_000003382073_00216_34839_2861.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20081028_234450_000003202073_00216_34839_2871.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDK20081028_192314_000002052073_00214_34837_5448.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDK20081028_193347_000004342073_00214_34837_5450.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDK20081028_201259_000005432073_00214_34837_5458.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDK20081028_204144_000009002073_00214_34837_5472.N1 ...

ANALYSIS COMPLETED: 12 GM browse products to see...
************************************************************

************************************************************
Scanning directory /nas3/ENVISAT/ASAR//ASA_AP__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP__BP/JPG/20081028/
```

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20081028_131241_000000572073_00210_34833_2551.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20081028_141252_000000442073_00211_34834_2557.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20081028_141547_000000432073_00211_34834_2559.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20081028_232902_000000422073_00216_34839_2961.N1 ...

ANALYSIS COMPLETED: 4 AP browse products to see...
************************************************************

************************************************************
Scanning directory /nas3/ENVISAT/ASAR//ASA_IM__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM__BP/JPG/20081028/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_094058_000000372073_00208_34831_2434.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_094452_000004602073_00208_34831_2474.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_112921_000000672073_00209_34832_2491.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_115414_000001622073_00209_34832_2528.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_155038_000000962073_00212_34835_2575.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_173237_000000822073_00213_34836_2627.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_175508_000000392073_00213_34836_2633.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_180010_000000512073_00213_34836_2635.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDE20081028_205956_000000422073_00215_34838_2721.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM__BP/ASA_IM__BPZPDK20081028_205944_000000832073_00215_34838_5541.N1 ...

ANALYSIS COMPLETED: 10 IM browse products to see...
************************************************************

************************************************************
Scanning directory /nas3/ENVISAT/ASAR//ASA_WS__BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS__BP/JPG/20081028/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_101508_000002312073_00208_34831_2478.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_101929_000005252073_00208_34831_2543.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_114944_000002072073_00209_34832_2538.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_132346_000000922073_00210_34833_2579.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_133019_000000922073_00210_34833_2577.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_143706_000001532073_00211_34834_2593.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_155241_000003732073_00212_34835_2595.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_161548_000002992073_00212_34835_2631.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_162218_000002082073_00212_34835_2629.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_170152_000001532073_00212_34835_2625.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_175620_000002142073_00213_34836_2667.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_184156_000004822073_00213_34836_2669.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_191829_000000922073_00214_34837_2665.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_193201_000001042073_00214_34837_2705.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_202204_000005872073_00214_34837_2711.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_203721_000001532073_00214_34837_2709.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_203955_000001042073_00214_34837_2707.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_211138_000001902073_00215_34838_2830.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_211536_000001342073_00215_34838_2832.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_220240_000005872073_00215_34838_2866.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_225050_000002082073_00216_34839_3000.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_225550_000002692073_00216_34839_3002.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_233954_000002932073_00216_34839_2990.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDE20081028_235016_000001642073_00216_34839_2992.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDK20081028_210223_000002142073_00215_34838_5578.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS__BP/ASA_WS__BPZPDK20081028_210626_000003482073_00215_34838_5580.N1 ...

ANALYSIS COMPLETED: 26 WS browse products to see...
************************************************************


BROWSE PRODUCTS ANALYSIS completed
####################################################################



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

```
Building file ./RESULTS/DAILY/081028/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
######################################################################
```

ENVISAT
ASAR Daily Report
esa
serco

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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20081028_131241_000000572073_00210_34833_2550.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20081028_141252_000000442073_00211_34834_2556.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20081028_141547_000000432073_00211_34834_2558.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20081028_232902_000000422073_00216_34839_2960.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20081028_125548_000000432073_00210_34833_4962.N1	OK	OK	OK	OK

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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_GM1_1PNPDE20081028_000548_000002112073_00202_34825_1673.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_001405_000004042073_00202_34825_1681.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_003739_000000782073_00202_34825_1812.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_010513_000008392073_00203_34826_1822.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_013619_000002592073_00203_34826_1826.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_014623_000001572073_00203_34826_1824.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_015603_000005552073_00203_34826_1839.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_020412_000000722073_00203_34826_1963.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_021107_000007612073_00203_34826_1965.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_022825_000005072073_00204_34827_1967.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_024527_000010082073_00204_34827_2062.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_032818_000004652073_00204_34827_2111.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_033839_000007062073_00204_34827_2126.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_041520_000014192073_00205_34828_2228.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_044529_000002592073_00205_34828_2118.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_050735_000000842073_00205_34828_2273.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_052256_000002172073_00205_34828_2277.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_055107_000004712073_00206_34829_2275.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_060237_000013102073_00206_34829_2366.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_062528_000003562073_00206_34829_2309.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_211810_000001932073_00215_34838_2712.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_215335_000005432073_00215_34838_2727.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_222922_000004772073_00216_34839_2848.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_225424_000000842073_00216_34839_2846.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_230024_000000722073_00216_34839_2853.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_232457_000002472073_00216_34839_2858.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_233410_000003382073_00216_34839_2860.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20081028_234450_000003202073_00216_34839_2870.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_064811_000001572073_00206_34829_4512.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_065429_000001632073_00206_34829_4517.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_073925_000007612073_00207_34830_4527.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_075103_000005492073_00207_34830_4603.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_080722_000001142073_00207_34830_4605.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_081641_000003082073_00207_34830_4607.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_082847_000011422073_00207_34830_4692.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_092105_000006822073_00208_34831_4616.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_093118_000000842073_00208_34831_4733.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_100923_000003382073_00208_34831_4738.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_105838_000007792073_00209_34832_4752.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_111402_000000842073_00209_34832_4868.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_120138_000004412073_00209_34832_4873.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_121607_000000962073_00209_34832_4881.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_123715_000008822073_00210_34833_4891.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_125051_000000842073_00210_34833_4991.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_131359_000005862073_00210_34833_4993.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_132521_000002952073_00210_34833_4995.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_133153_000010632073_00210_34833_5088.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_135550_000003202073_00210_34833_5009.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_141135_000000782073_00211_34834_5007.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_141355_000001142073_00211_34834_5005.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_141650_000005072073_00211_34834_5000.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_143956_000003142073_00211_34834_5119.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_145251_000003382073_00211_34834_5121.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_151111_000011412073_00211_34834_5207.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_155912_000004282073_00212_34835_5138.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_161311_000001502073_00212_34835_5237.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_162052_000000842073_00212_34835_5239.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_165147_000006042073_00212_34835_5241.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_170426_000003802073_00212_34835_5246.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_173410_000007122073_00213_34836_5253.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_174517_000005922073_00213_34836_5334.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_180113_000003742073_00213_34836_5336.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_183223_000005672073_00213_34836_5341.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_190729_000003742073_00214_34837_5343.N1	OK	OK	OK	OK

ASA_GM1_1PNPDK20081028_192039_000002232073_00214_34837_5353.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_192314_000002052073_00214_34837_5447.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_193347_000004342073_00214_34837_5449.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_201259_000005432073_00214_34837_5457.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20081028_204144_000009002073_00214_34837_5471.N1	OK	OK	OK	OK

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

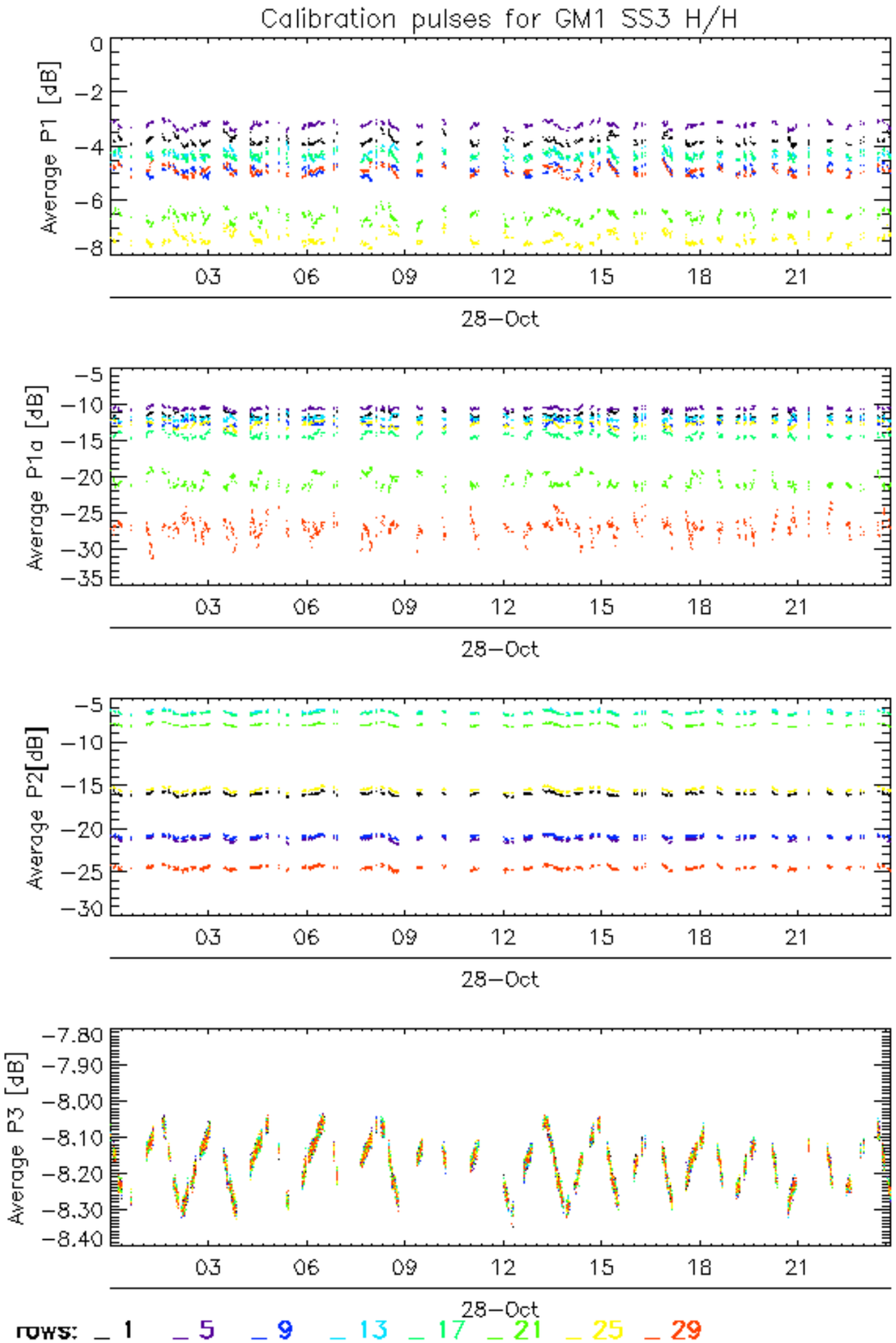
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20081028_013426_000000432073_00203_34826_1908.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_024155_000000392073_00204_34827_1953.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_043858_000003792073_00205_34828_2218.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_051036_000002022073_00205_34828_2230.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_051436_000001222073_00205_34828_2269.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_051436_000003222073_00205_34828_2376.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_051739_000001392073_00205_34828_2270.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_052004_000001622073_00205_34828_2267.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_062425_000000532073_00206_34829_2241.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_080916_000004352073_00207_34830_2427.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_094058_000000372073_00208_34831_2433.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_094452_000004602073_00208_34831_2473.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_112921_000000672073_00209_34832_2490.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_115414_000001622073_00209_34832_2527.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_155038_000000962073_00212_34835_2574.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_173237_000000822073_00213_34836_2626.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_175508_000000392073_00213_34836_2632.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_180010_000000512073_00213_34836_2634.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20081028_205956_000000422073_00215_34838_2720.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_093926_000001142073_00208_34831_4711.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_111137_000000372073_00209_34832_4749.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_111824_000000822073_00209_34832_4832.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_123404_000000362073_00210_34833_4960.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_125212_000001422073_00210_34833_4978.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20081028_205944_000000832073_00215_34838_5540.N1	OK	OK	OK	OK

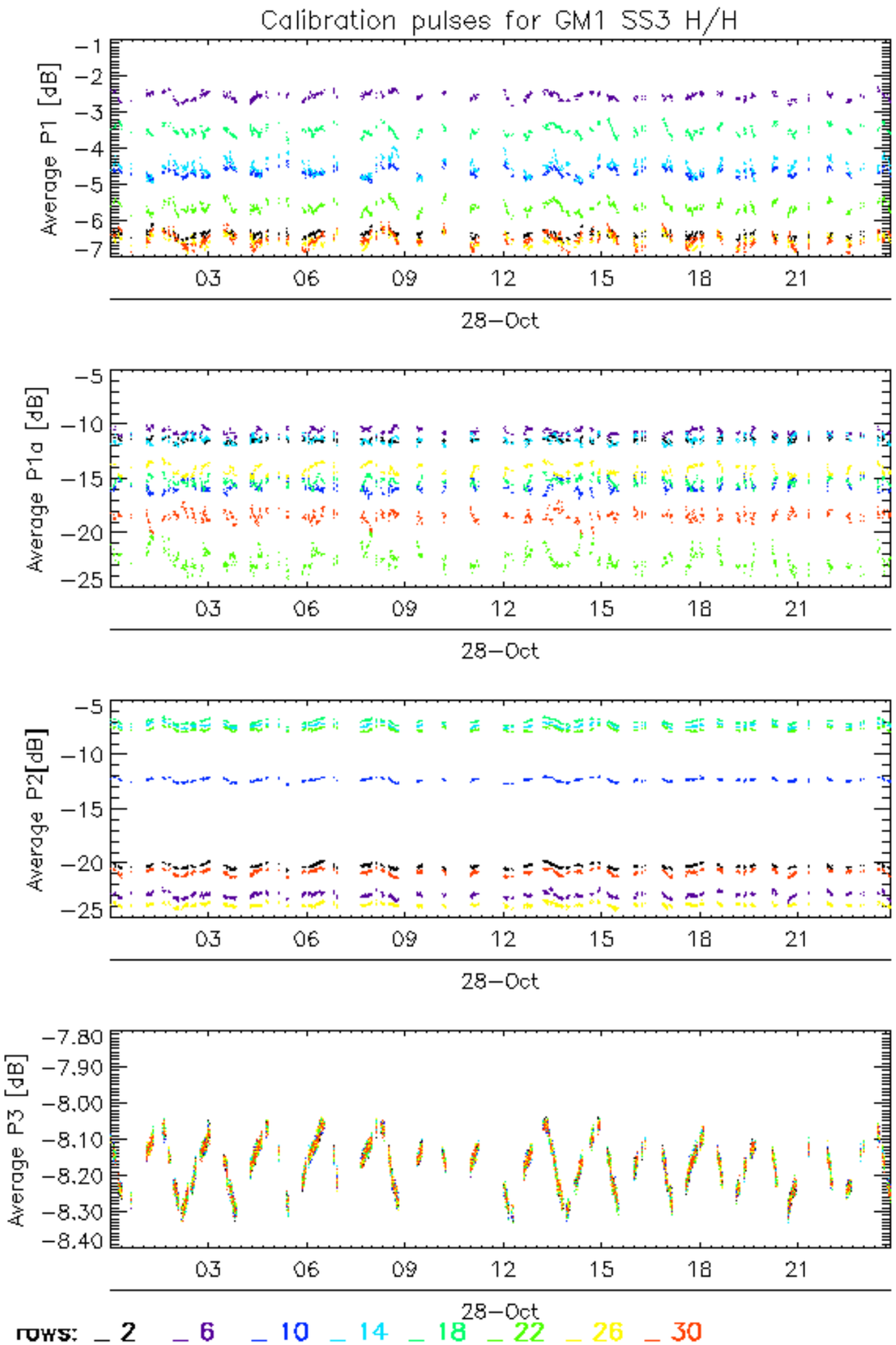
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

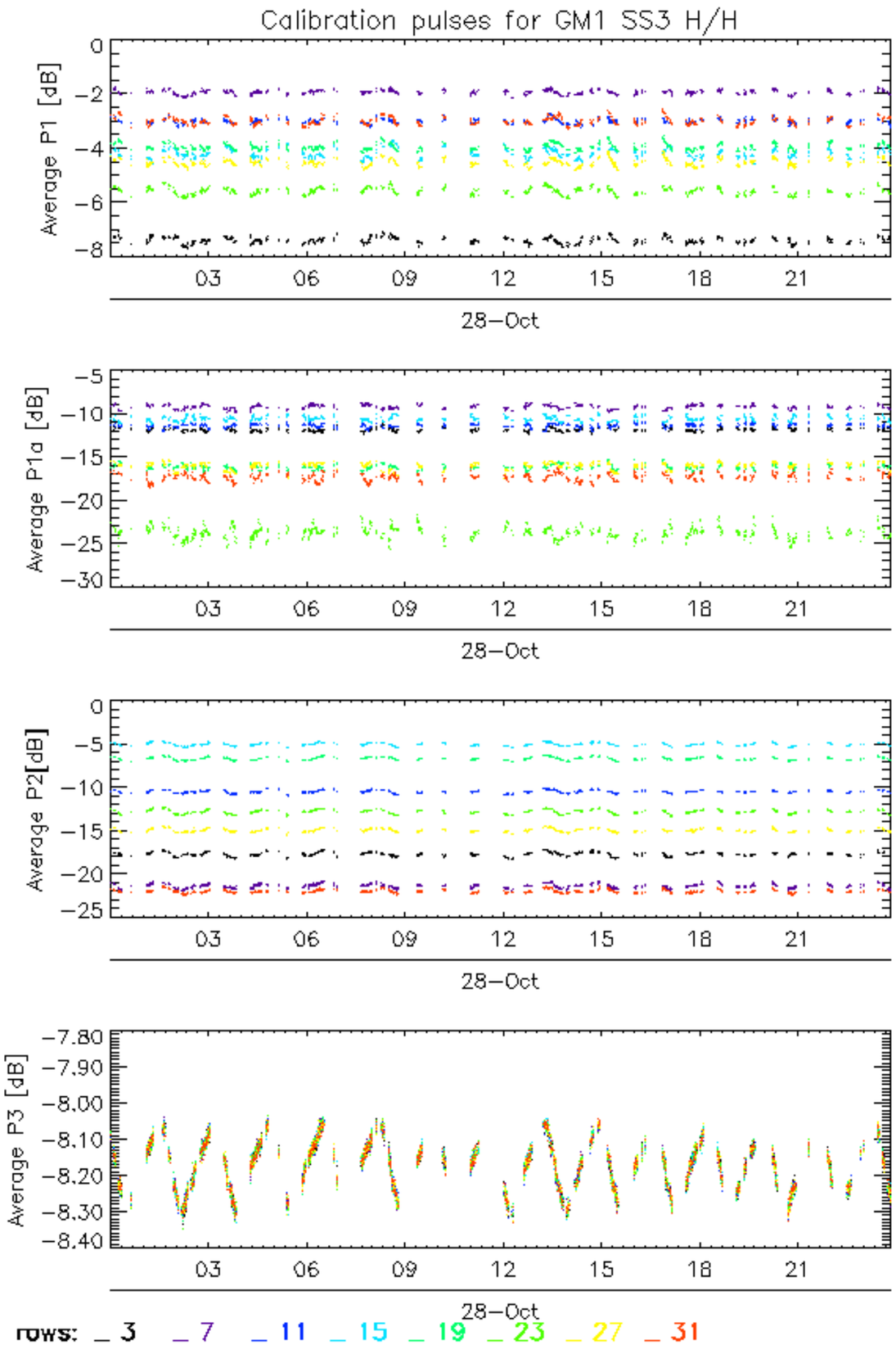
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WSM_1PNPDE20081028_000923_000002752073_00202_34825_1797.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_002053_000001342073_00202_34825_1810.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_002053_000002252073_00202_34825_1932.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_002402_000000362073_00202_34825_1785.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_005653_000004892073_00203_34826_1951.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_014907_000004092073_00203_34826_2043.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_023656_000002502073_00204_34827_2045.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_024251_000001522073_00204_34827_2070.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_030221_000000912073_00204_34827_2072.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_030404_000003912073_00204_34827_2087.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_033605_000001522073_00204_34827_2208.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_041119_000002372073_00205_34828_2220.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_055903_000001892073_00206_34829_2384.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_065055_000002082073_00206_34829_2386.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_101508_000002312073_00208_34831_2477.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_101929_000005252073_00208_34831_2542.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_114944_000002072073_00209_34832_2537.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_132346_000000922073_00210_34833_2578.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_133019_000000922073_00210_34833_2576.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_143706_000001532073_00211_34834_2592.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_155241_000003732073_00212_34835_2594.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_161548_000002992073_00212_34835_2630.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_162218_000002082073_00212_34835_2628.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_170152_000001532073_00212_34835_2624.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_175620_000002142073_00213_34836_2666.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_184156_000004822073_00213_34836_2668.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_191829_000000922073_00214_34837_2664.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_193201_000001042073_00214_34837_2704.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_202204_000005872073_00214_34837_2710.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_203721_000001532073_00214_34837_2708.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_203955_000001042073_00214_34837_2706.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_211138_000001902073_00215_34838_2829.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_211536_000001342073_00215_34838_2831.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_220240_000005872073_00215_34838_2865.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_225050_000002082073_00216_34839_2999.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_225550_000002692073_00216_34839_3001.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_233954_000002932073_00216_34839_2989.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20081028_235016_000001642073_00216_34839_2991.N1	OK	OK	OK	OK

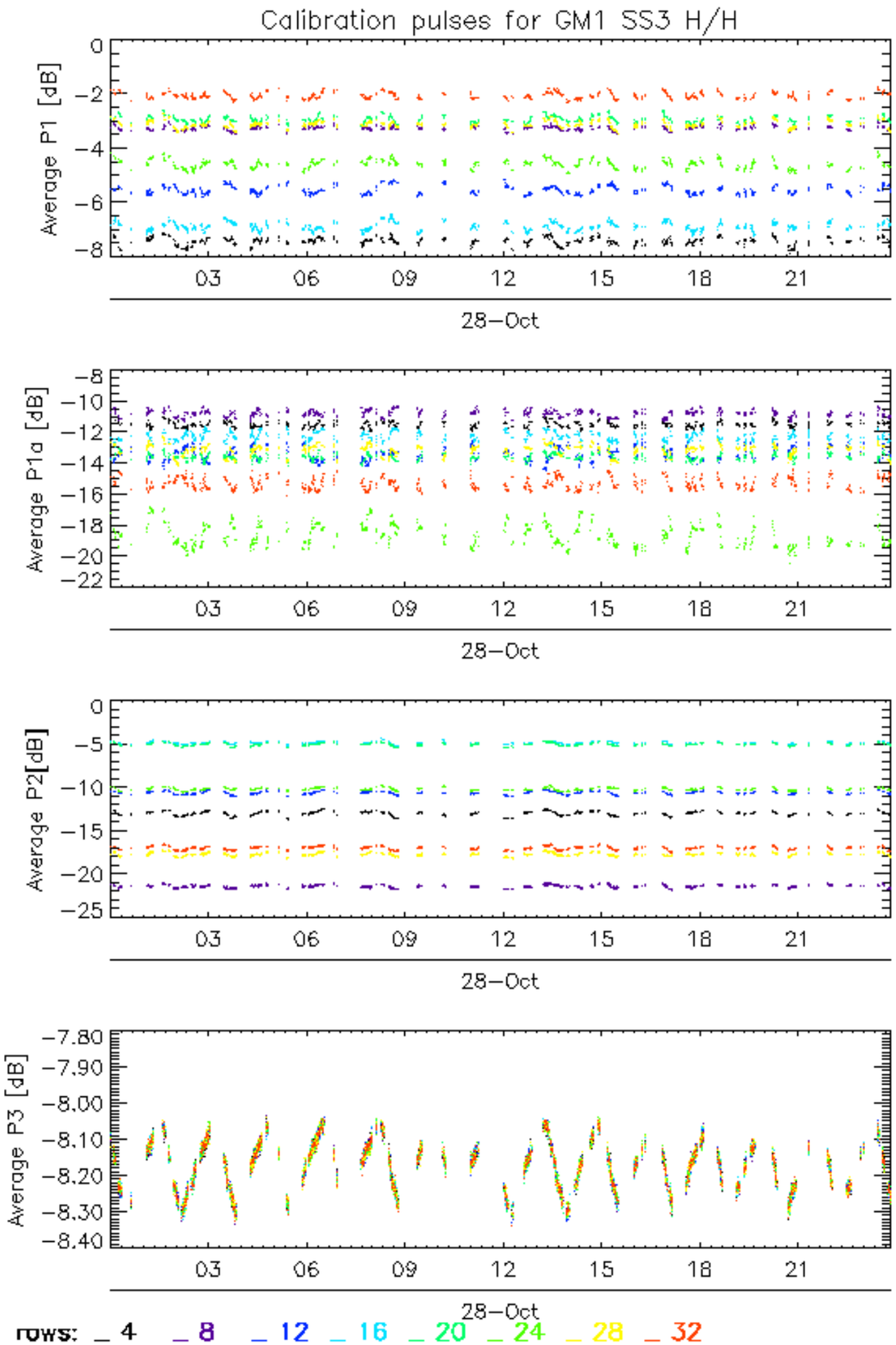
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

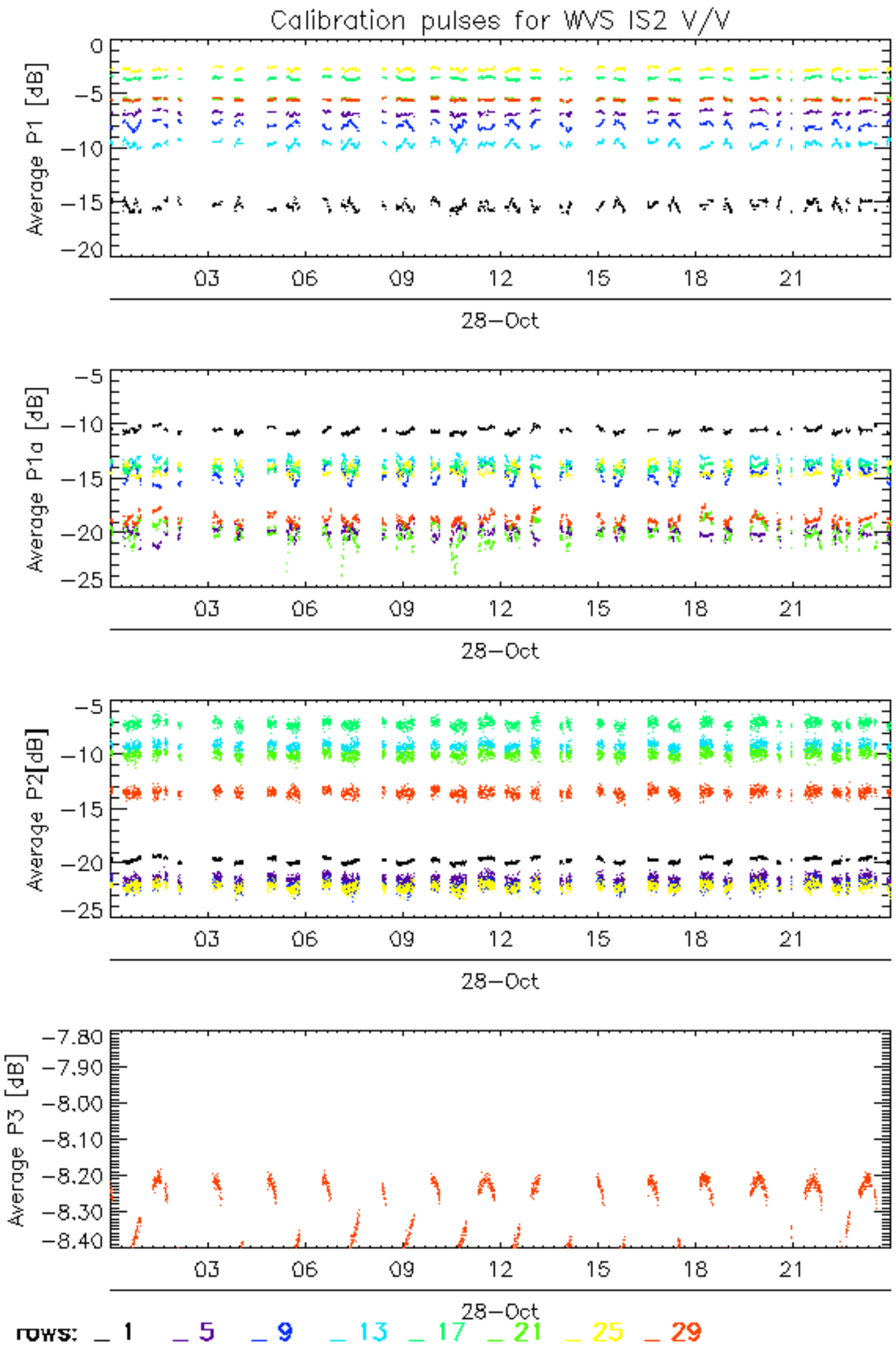
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WVS_1PNPDE20081028_000053_000002552073_00202_34825_1676.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_002442_000002992073_00202_34825_1679.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_002842_000004942073_00202_34825_1815.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_003900_000010342073_00202_34825_1820.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_011913_000008692073_00203_34826_1829.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_014040_000003002073_00203_34826_1832.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_020526_000003002073_00203_34826_1976.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_031035_000006292073_00204_34827_1979.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_032050_000002852073_00204_34827_2124.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_035029_000008242073_00204_34827_2121.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_044949_000008092073_00205_34828_2129.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_050304_000002252073_00205_34828_2280.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_052638_000014242073_00205_34828_2312.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_063126_000007192073_00206_34829_2315.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_212128_000018892073_00215_34838_2715.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_221229_000002242073_00215_34838_2718.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_221514_000008092073_00215_34838_2844.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_223719_000004192073_00216_34839_2851.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_230139_000013492073_00216_34839_2856.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_232951_000002102073_00216_34839_2863.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_235304_000002552073_00216_34839_2868.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081028_235635_000016942073_00216_34839_3012.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_064311_000002552073_00206_34829_4515.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_070705_000018892073_00206_34829_4520.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_082152_000003752073_00207_34830_4610.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_084750_000019492073_00207_34830_4619.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_095239_000009592073_00208_34831_4736.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_102817_000017692073_00208_34831_4746.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_111953_000005242073_00209_34832_4866.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_113035_000011092073_00209_34832_4876.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_120902_000003752073_00209_34832_4871.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_121748_000009312073_00209_34832_4879.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_123447_000001042073_00210_34833_4884.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_125649_000009142073_00210_34833_4998.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_134938_000003302073_00210_34833_5012.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_140109_000005542073_00210_34833_5003.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_145833_000007192073_00211_34834_5124.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_153014_000011392073_00211_34834_5136.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_163141_000011542073_00212_34835_5244.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_171050_000012292073_00212_34835_5256.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_180727_000014542073_00213_34836_5339.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_185329_000007942073_00213_34836_5351.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_194103_000018742073_00214_34837_5452.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_203153_000002852073_00214_34837_5455.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20081028_205645_000000592073_00215_34838_5460.N1	OK	OK	OK	OK

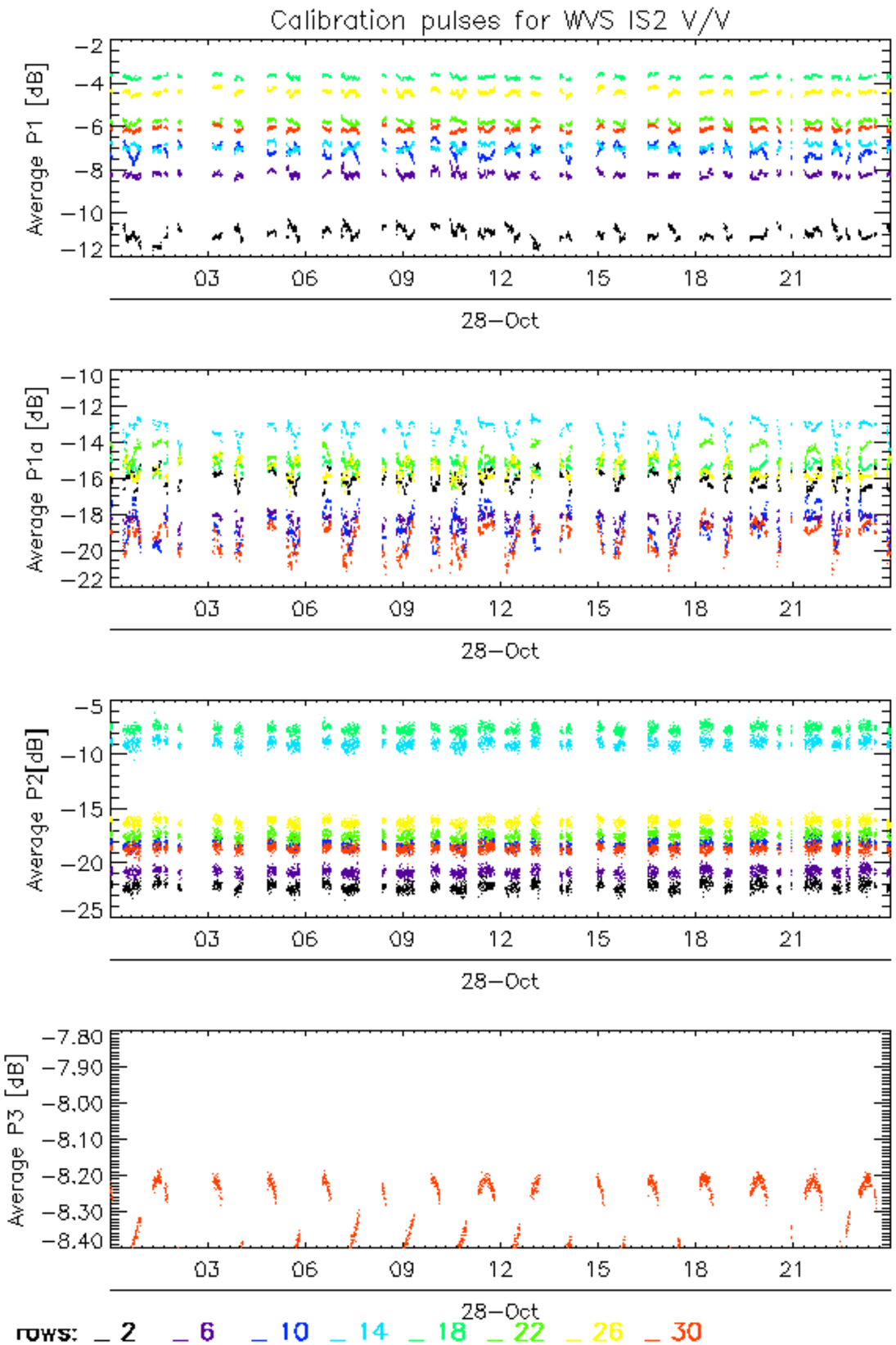

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

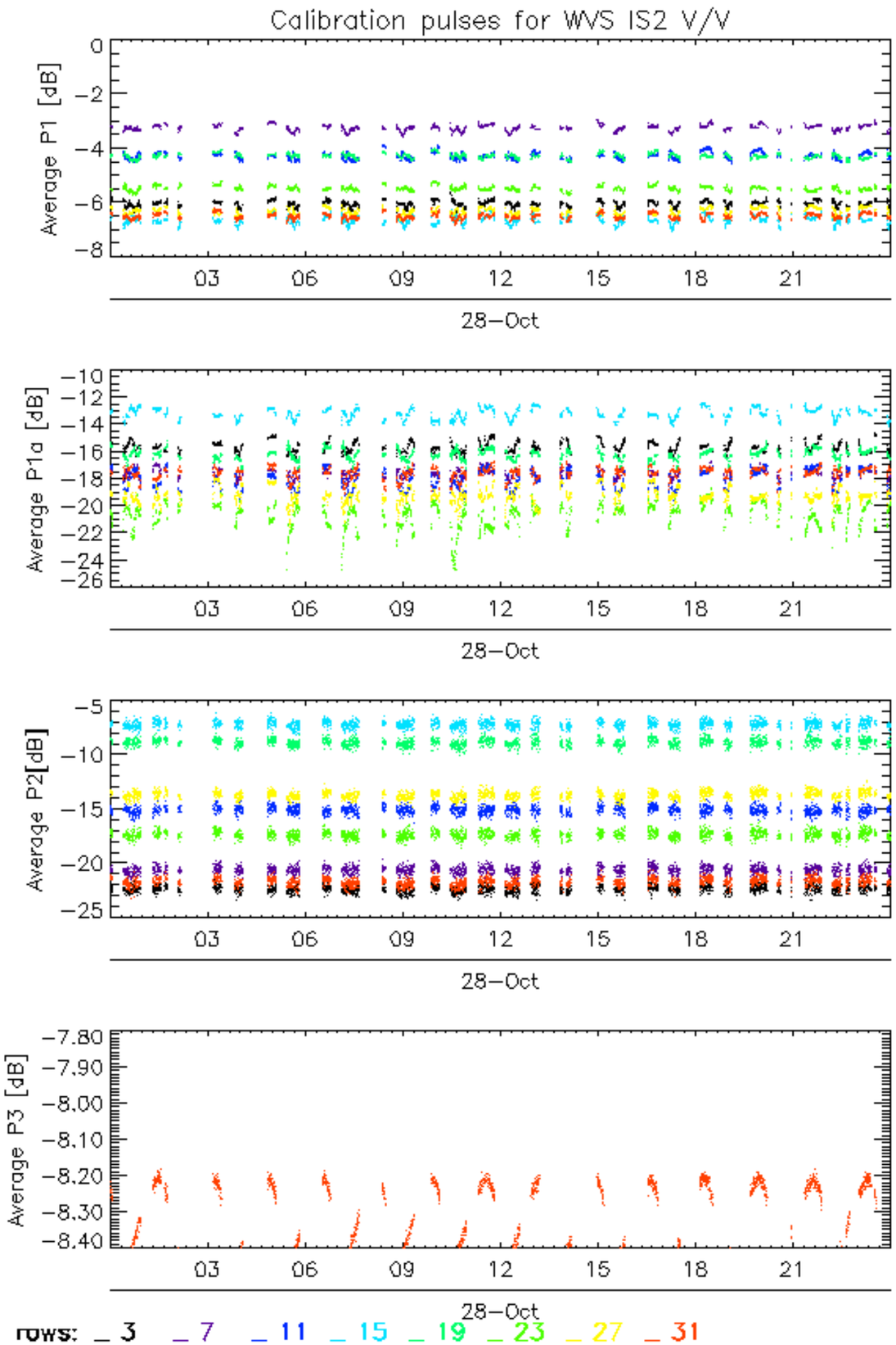

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
28−Oct
Average P2[dB]
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
28−Oct
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
03
06
09
12
15
18
21
28−Oct
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

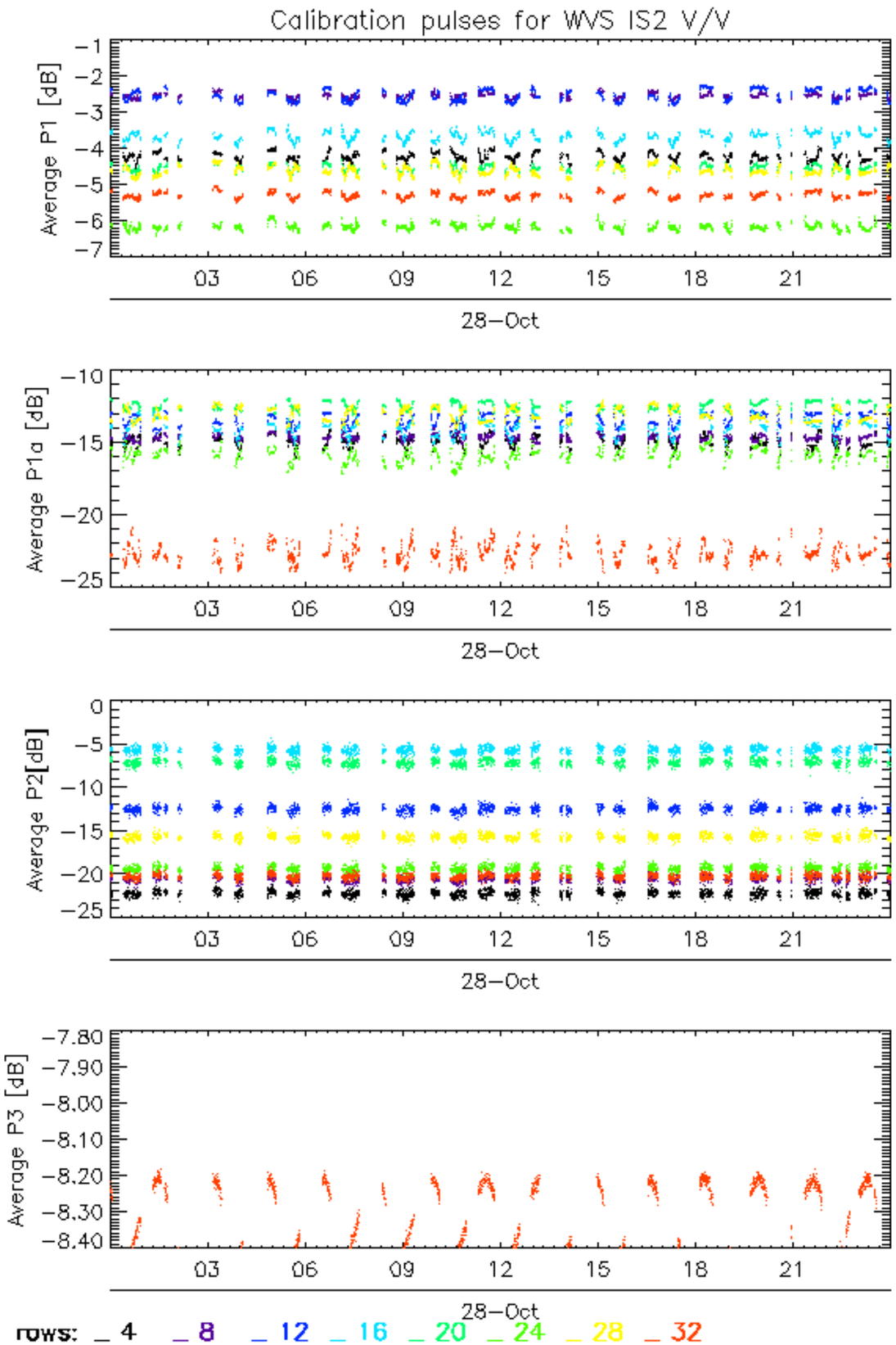

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−5
−10
−15
−20
−25
−30
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

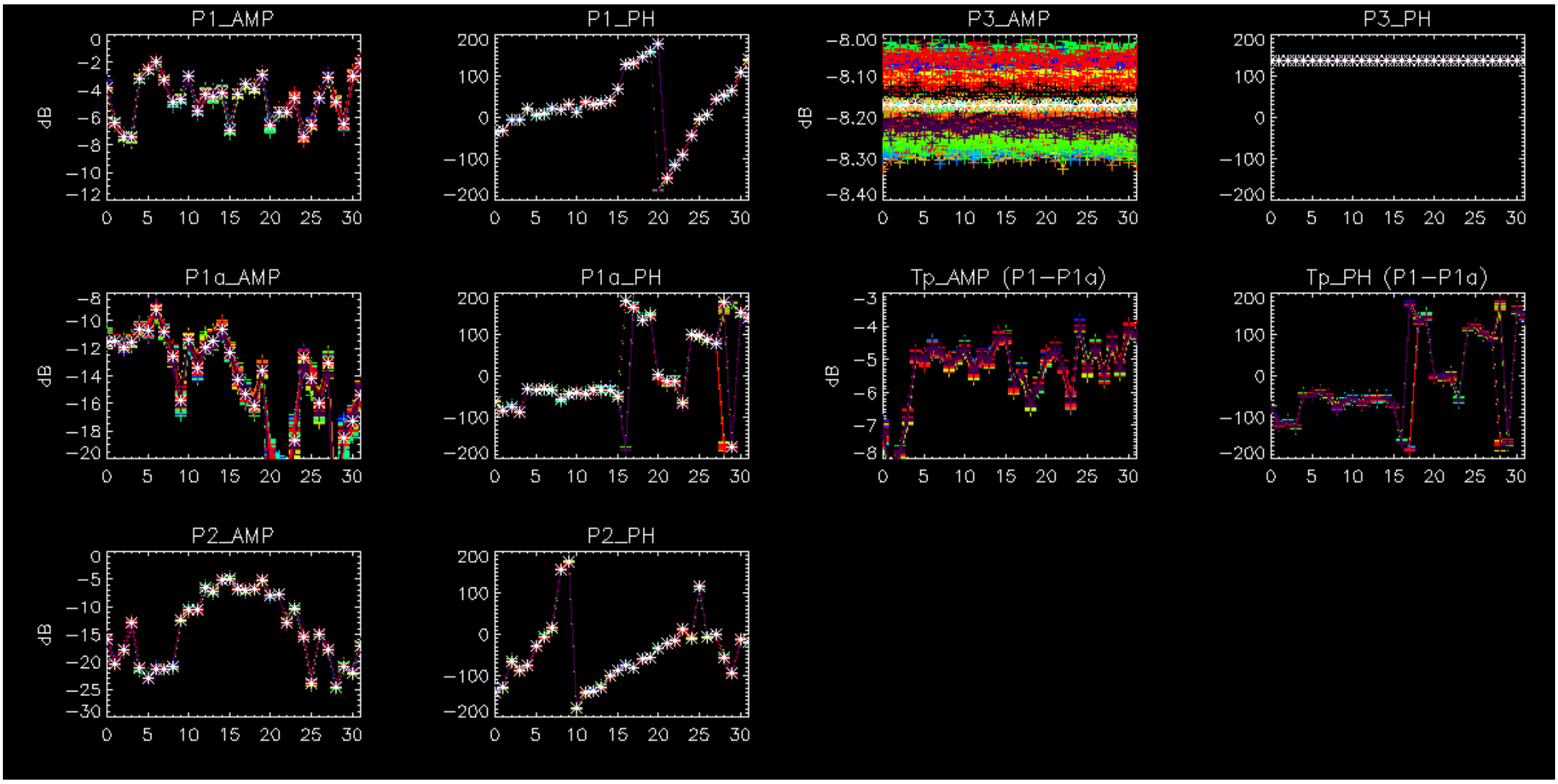

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
Average P2[dB]
−5
−15
−25
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

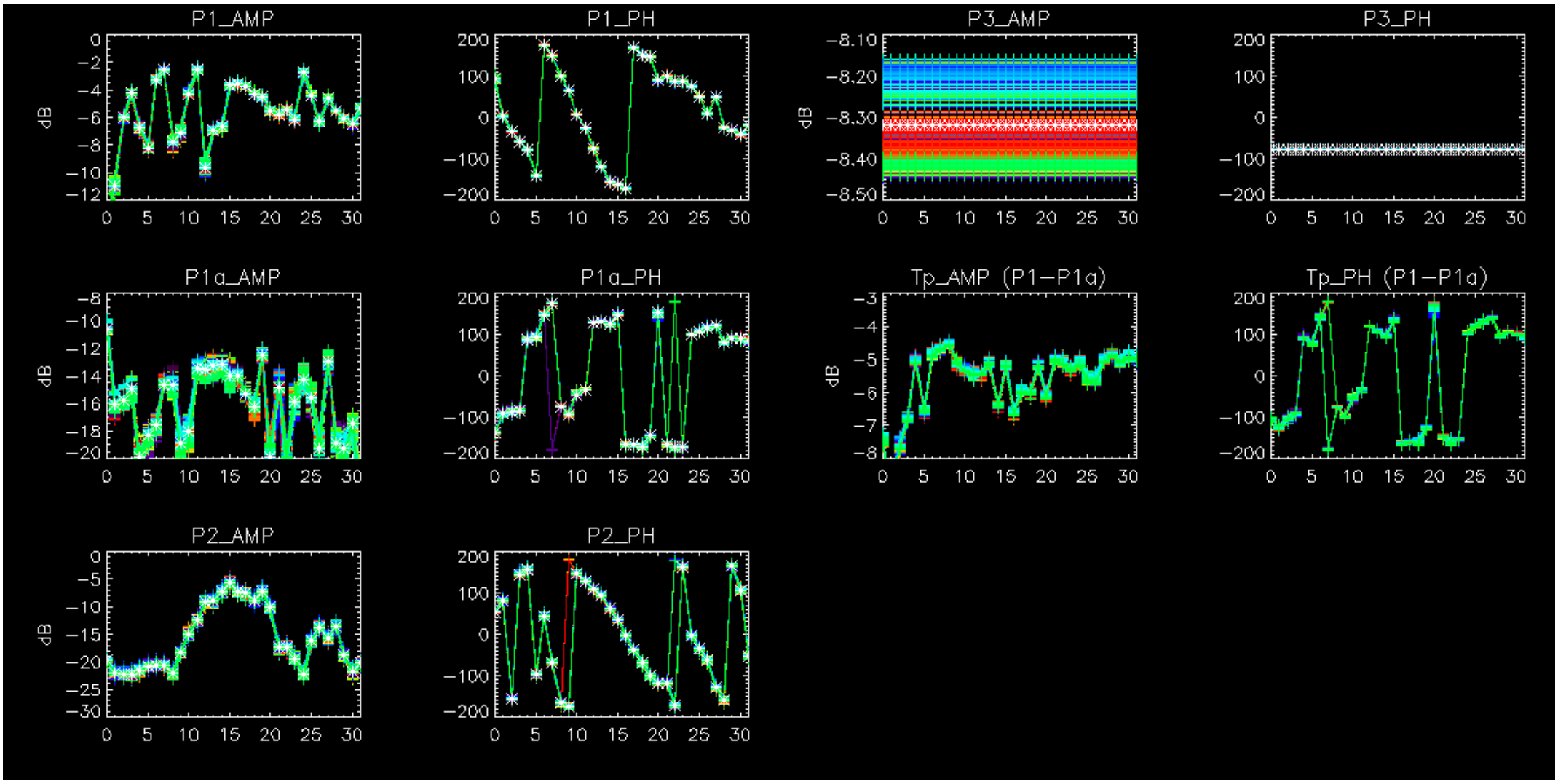

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−5
−10
−15
−20
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2[dB]
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: 1 5 9 13 17 21 25 29

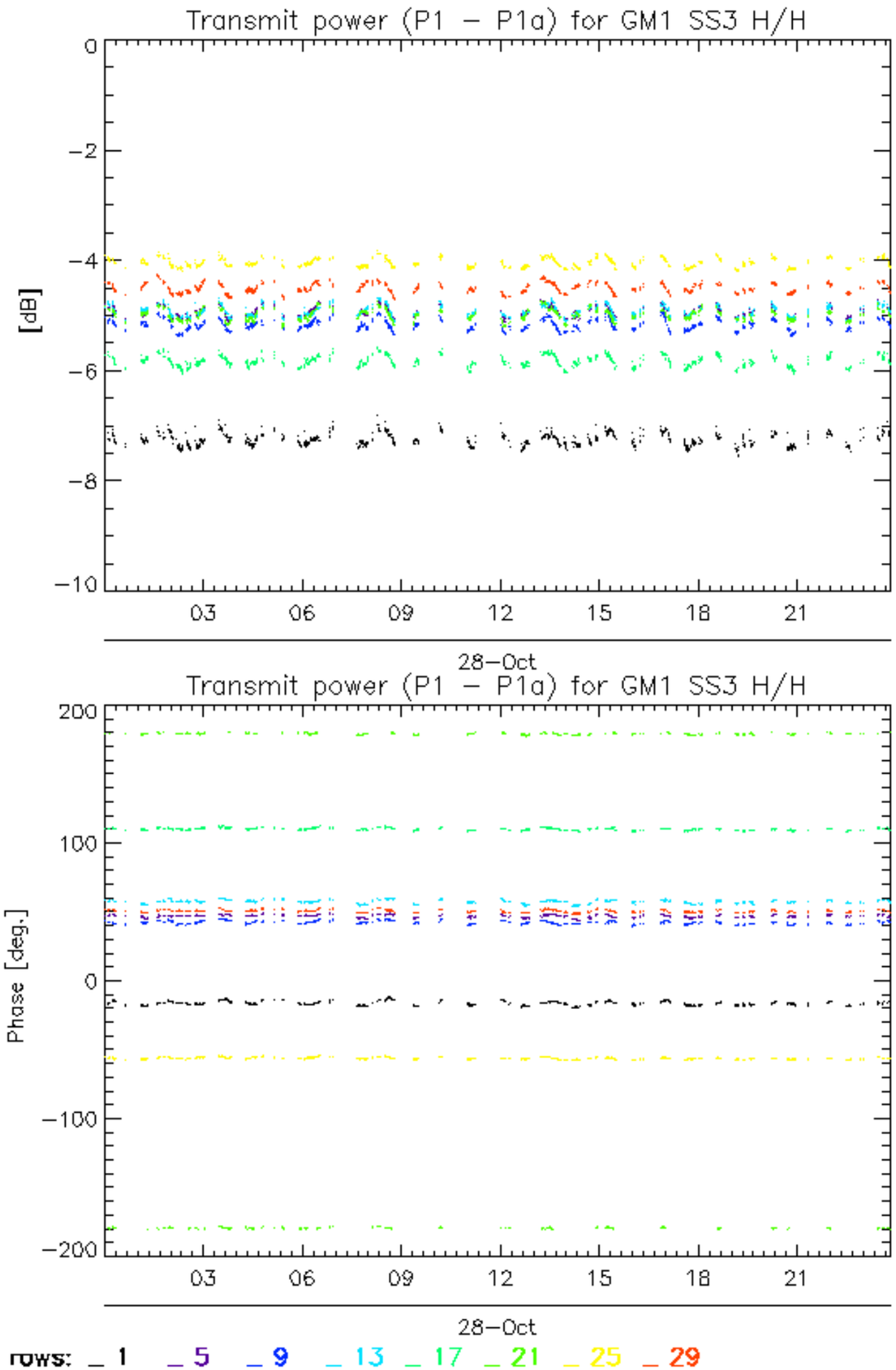

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−2
−4
−6
−8
−10
−12
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
03
06
09
12
15
18
21
28−Oct
Average P2[dB]
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
28−Oct
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
03
06
09
12
15
18
21
28−Oct
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

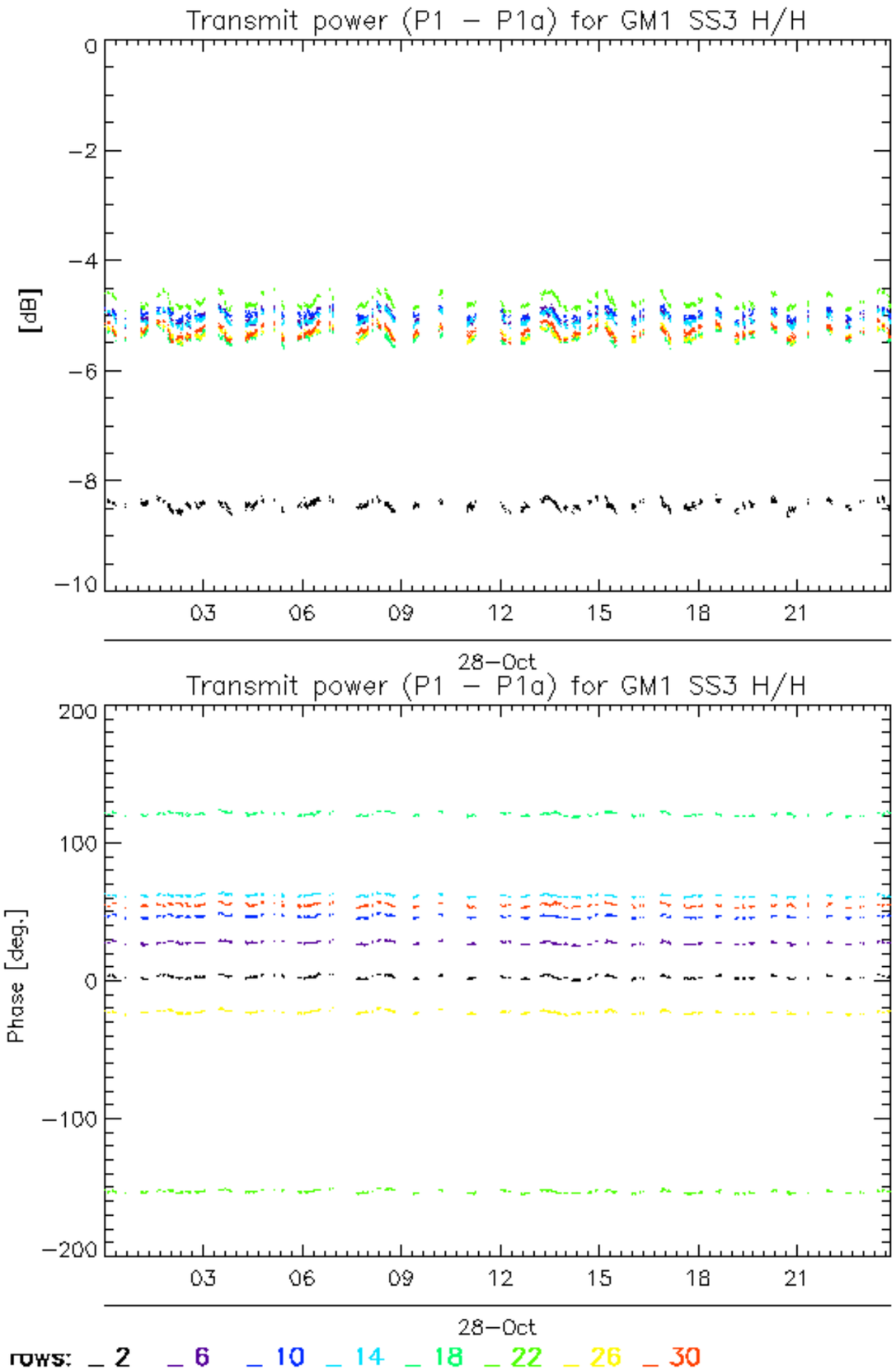

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
−24
−26
Average P2[dB]
−5
−10
−15
−20
−25
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

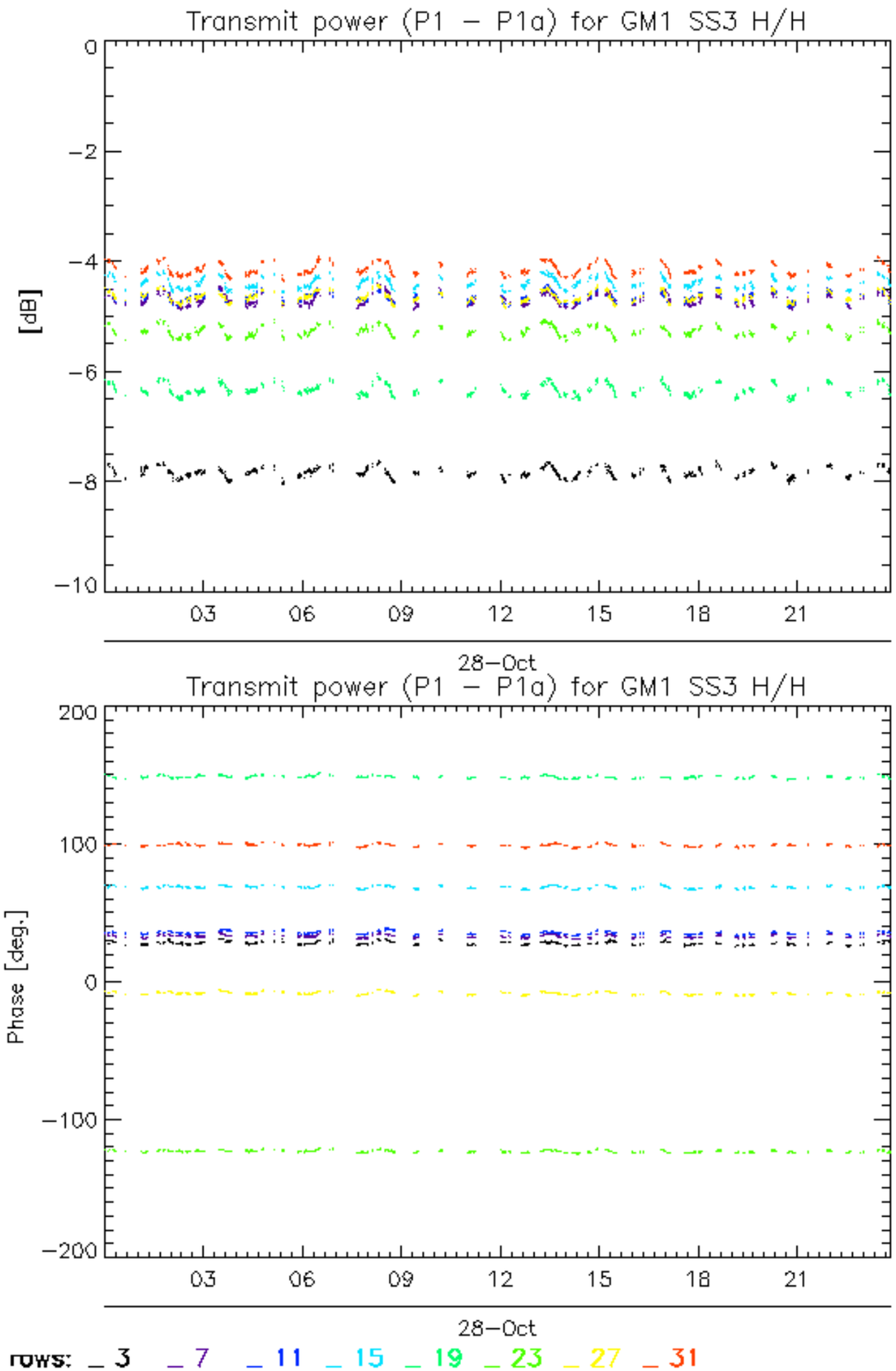

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
28−Oct
Average P1a [dB]
−10
−15
−20
−25
03
06
09
12
15
18
21
28−Oct
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
28−Oct
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
03
06
09
12
15
18
21
28−Oct
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

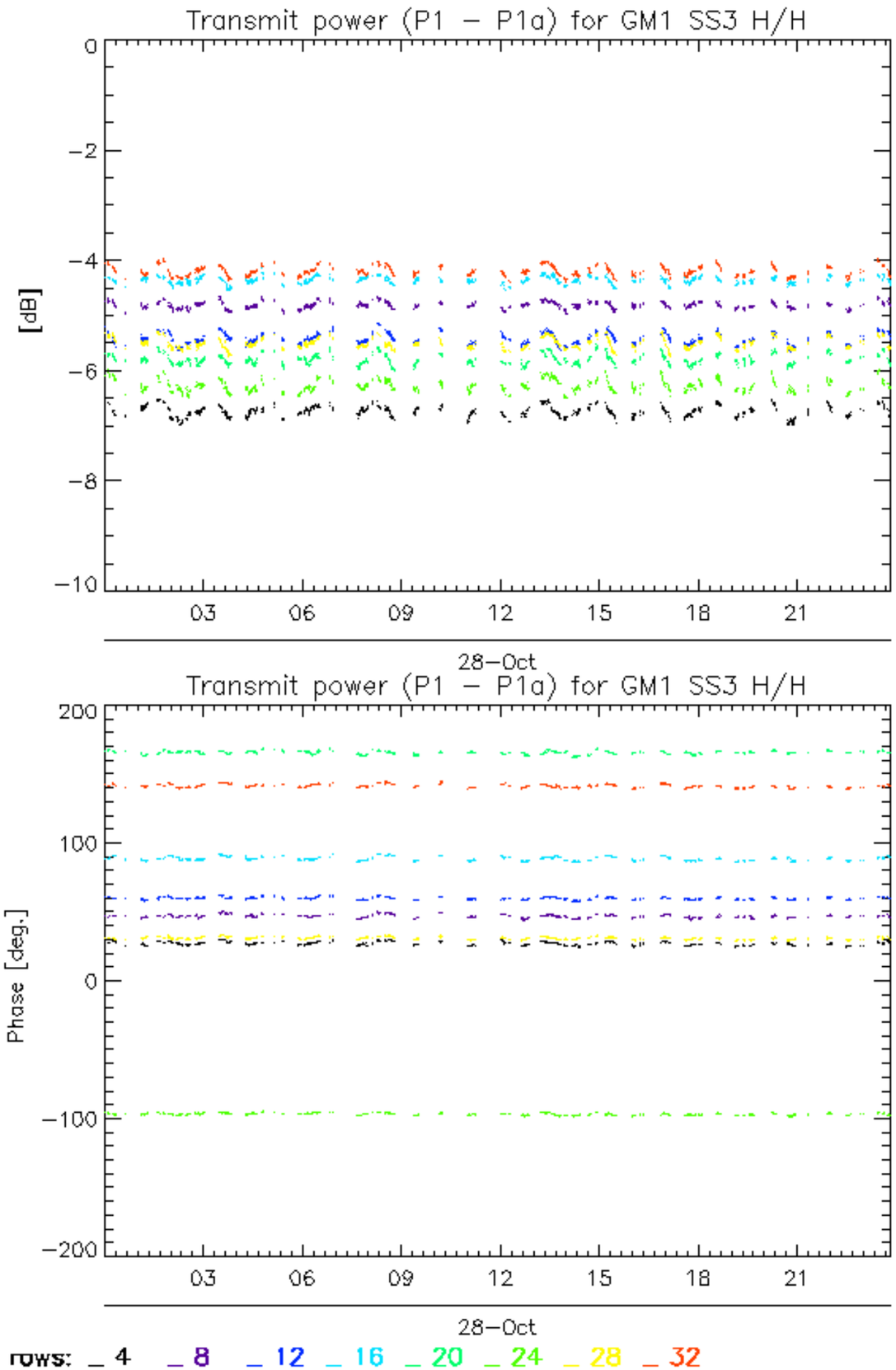

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

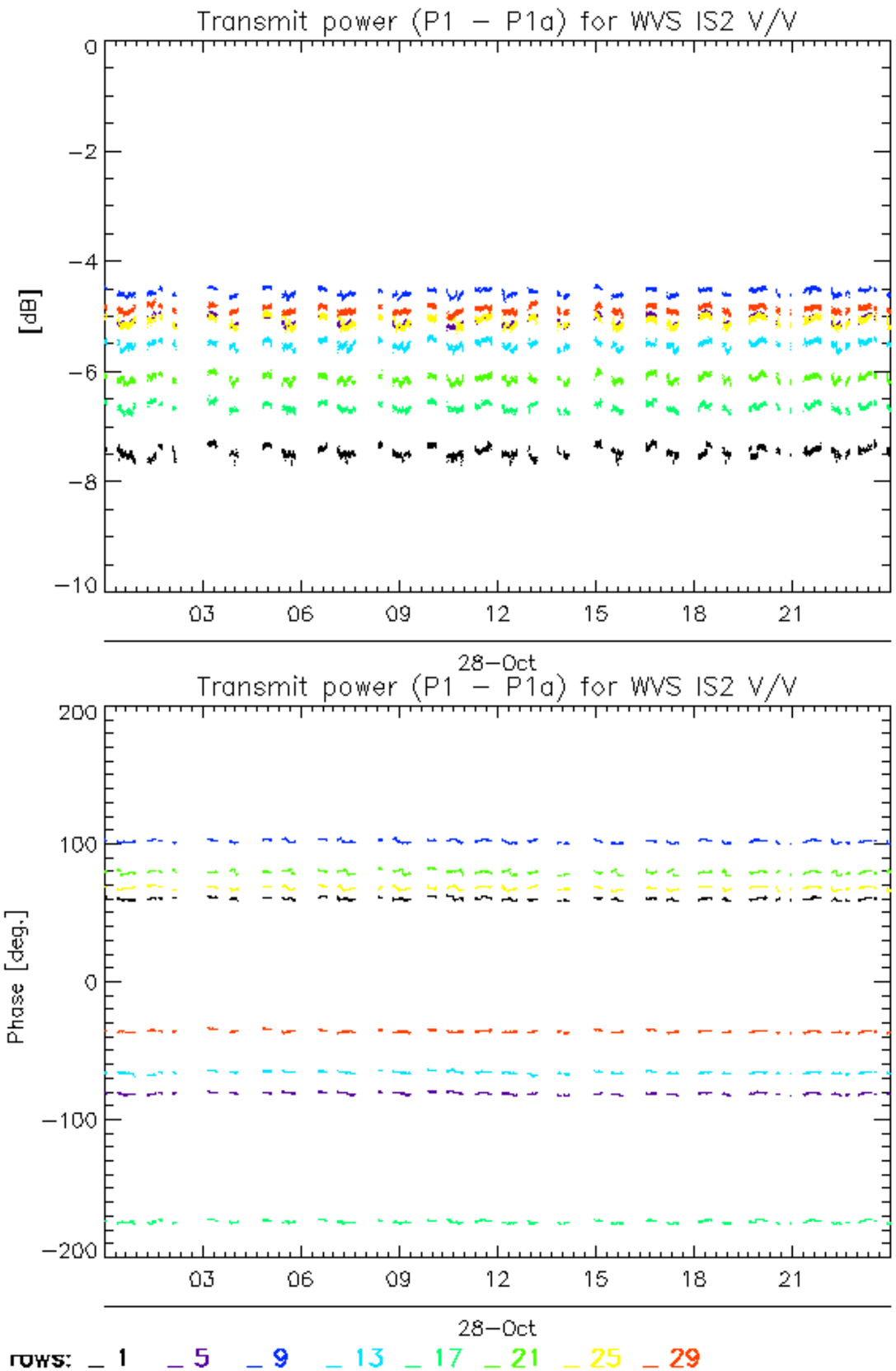

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

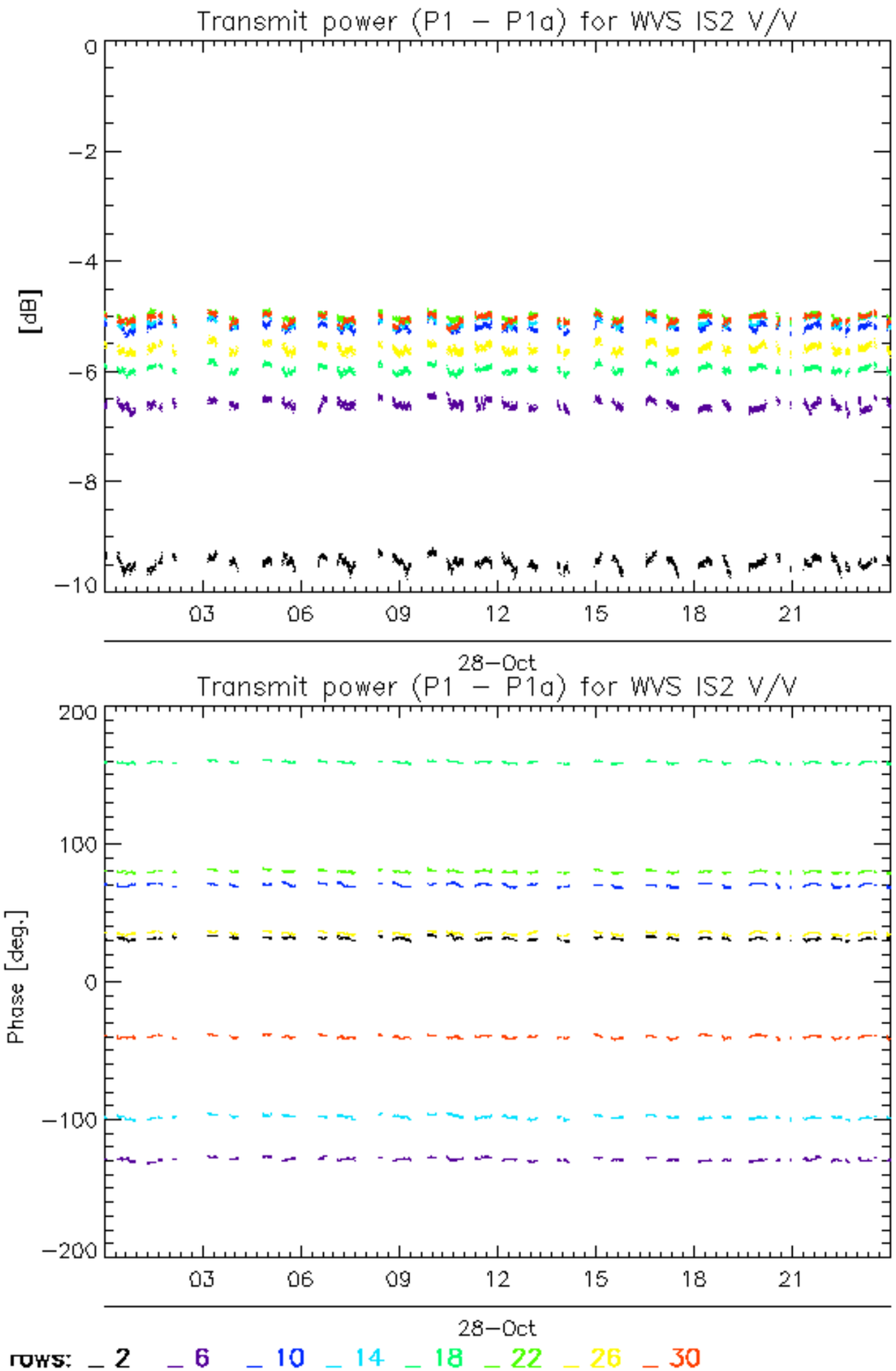

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 1 5 9 13 17 21 25 29

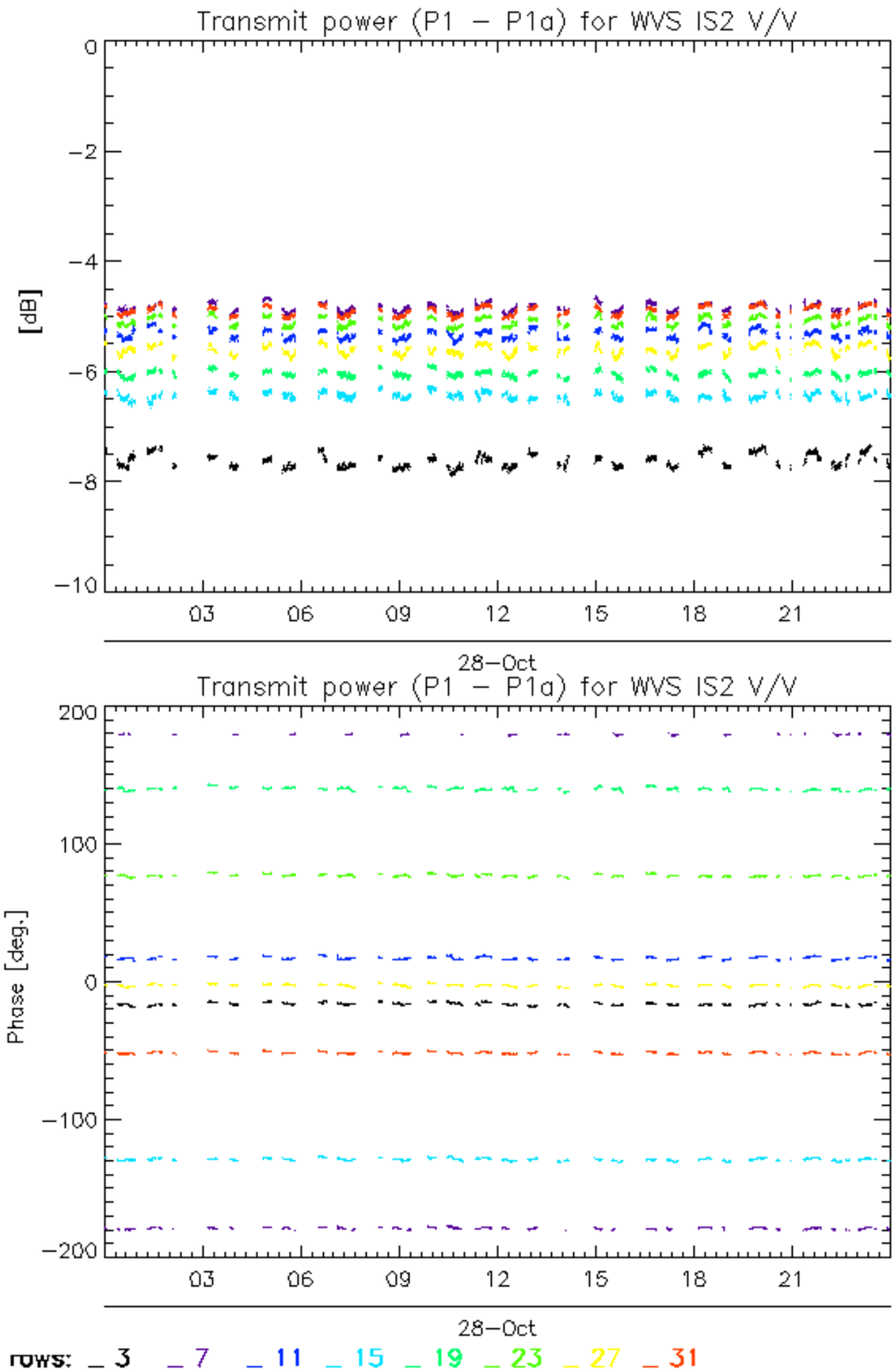

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 2 6 10 14 18 22 26 30

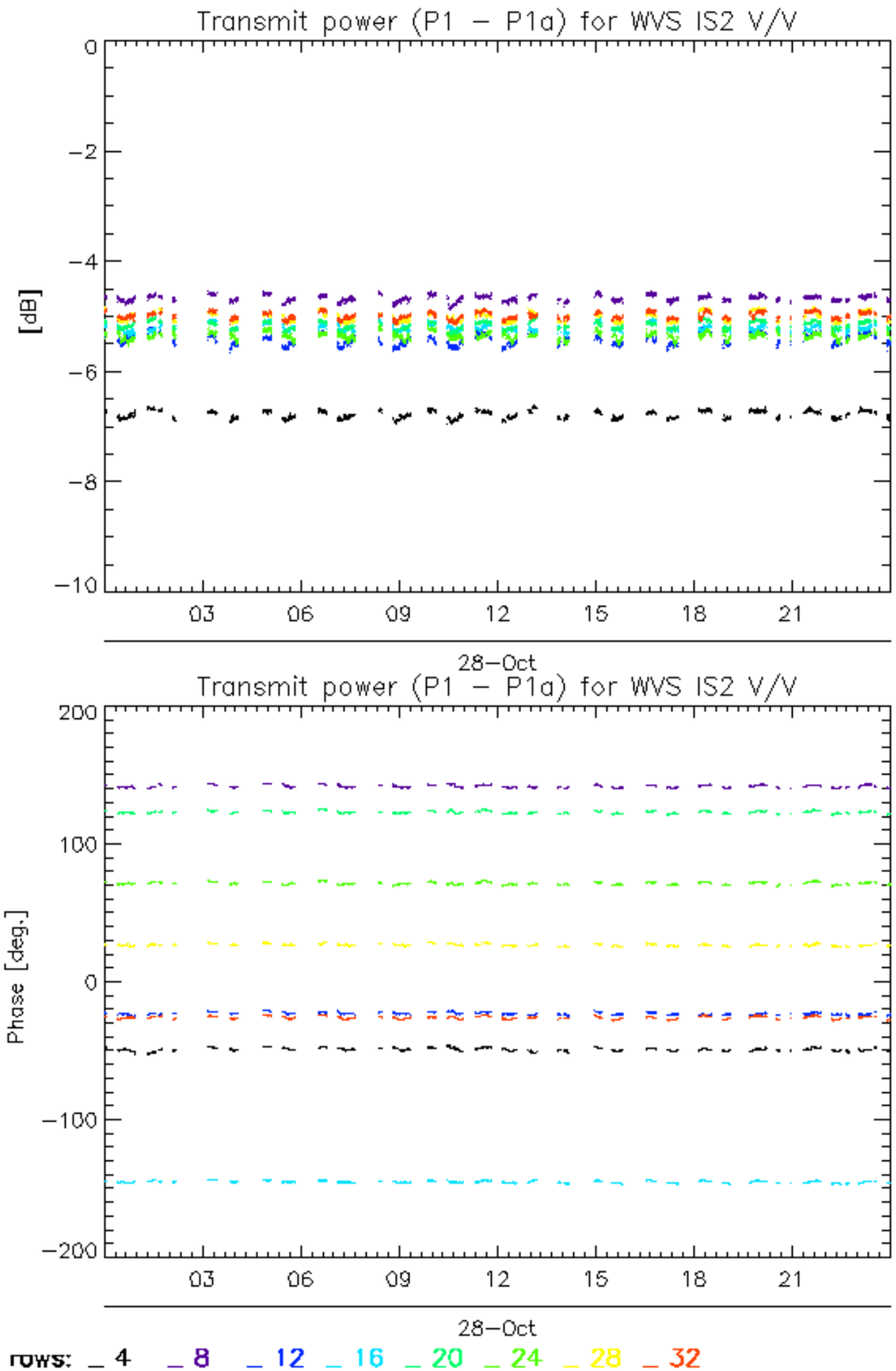

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 3 7 11 15 19 23 27 31

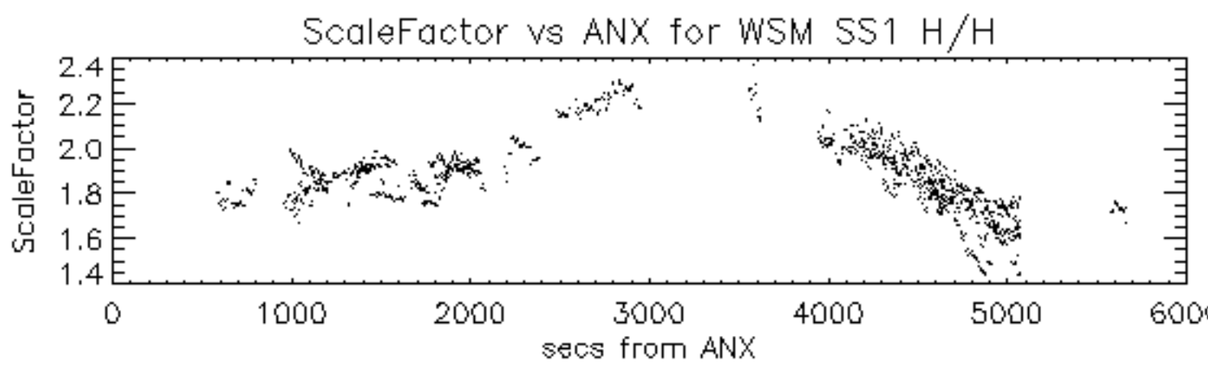

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 4 8 12 16 20 24 28 32

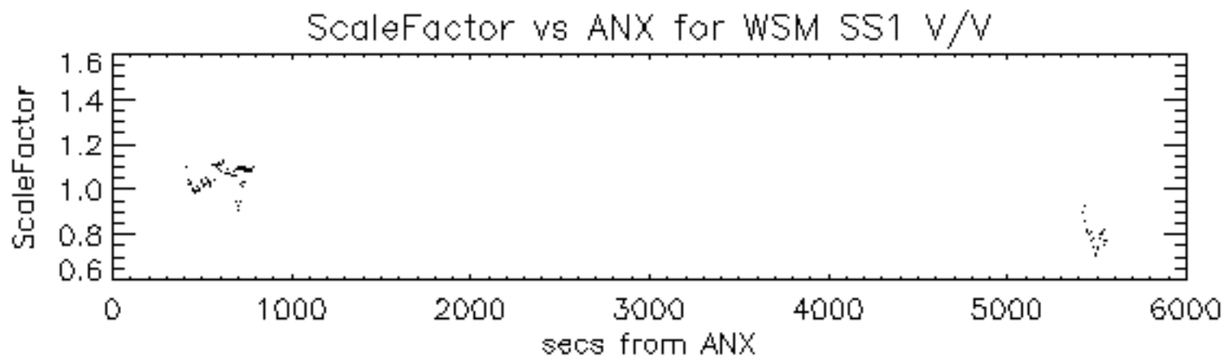

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28−Oct
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28−Oct
rows: 1 5 9 13 17 21 25 29

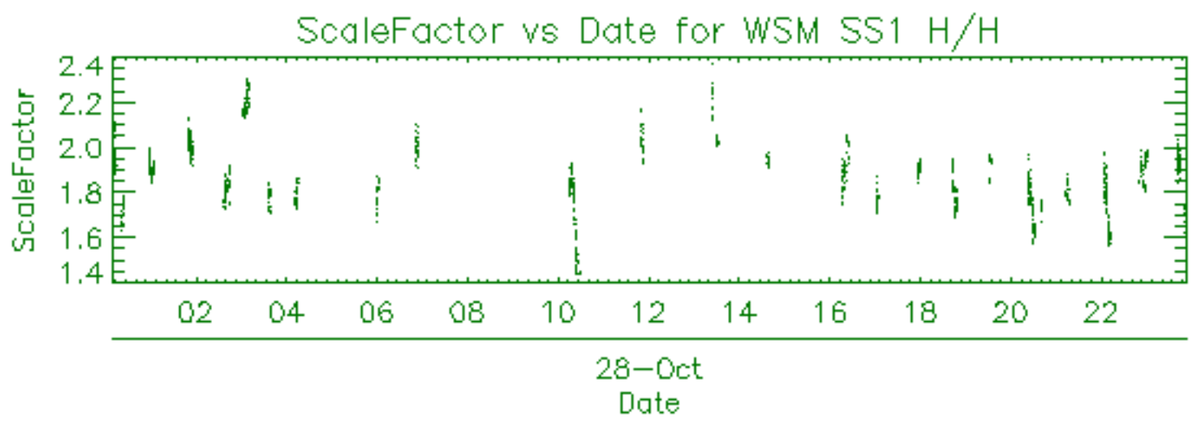

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 2 6 10 14 18 22 26 30

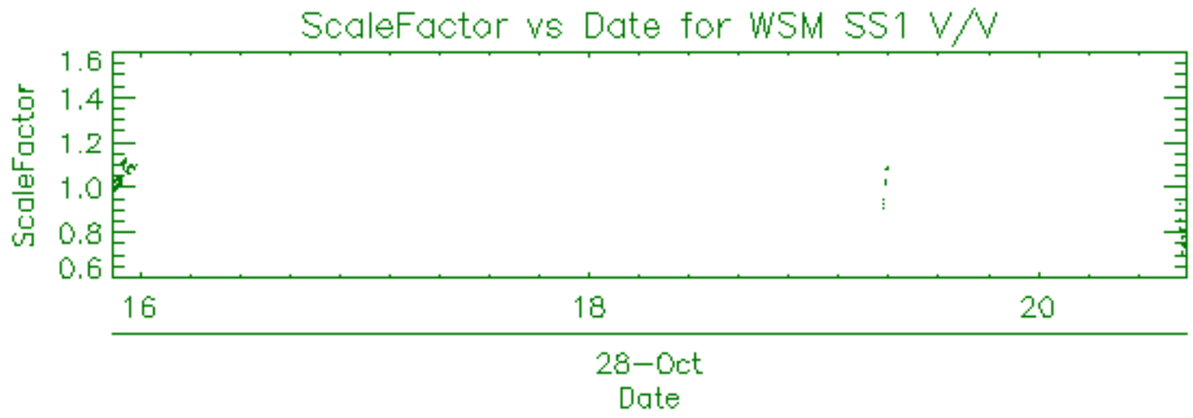

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
28–Oct
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
28–Oct
rows: 3 7 11 15 19 23 27 31


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


ScaleFactor vs ANX for WSM SS1 H/H
ScaleFactor
2.4
2.2
2.0
1.8
1.6
1.4
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs ANX for WSM SS1 V/V
ScaleFactor
1.6
1.4
1.2
1.0
0.8
0.6
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs Date for WSM SS1 H/H
ScaleFactor
2.4
2.2
2.0
1.8
1.6
1.4
02
04
06
08
10
12
14
16
18
20
22
28-Oct
Date


ScaleFactor vs Date for WSM SS1 V/V
ScaleFactor
1.6
1.4
1.2
1.0
0.8
0.6
16
18
20
28-Oct
Date

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDK20081028_125548_000000432073_00210_34833_4962.N1	IS7	H/H	73	34833	210	4.07					
ASA_APM_1PNPDE20081028_131241_000000572073_00210_34833_2550.N1	IS4	H/H	73	34833	210	4.07					
ASA_APM_1PNPDE20081028_141252_000000442073_00211_34834_2556.N1	IS3	V/H	73	34834	211	4.07					
ASA_APM_1PNPDE20081028_141547_000000432073_00211_34834_2558.N1	IS7	H/H	73	34834	211	4.07					
ASA_APM_1PNPDE20081028_232902_000000422073_00216_34839_2960.N1	IS1	H/H	73	34839	216	4.07					

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20081027_235410_000003982073_00202_34825_1671.N1	SS1	H/H	73	34825	202	4.07					
ASA_GM1_1PNPDE20081028_000548_000002112073_00202_34825_1673.N1	SS1	H/H	73	34825	202	4.07					
ASA_GM1_1PNPDE20081028_001405_000004042073_00202_34825_1681.N1	SS1	H/H	73	34825	202	4.07					
ASA_GM1_1PNPDE20081028_003739_000000782073_00202_34825_1812.N1	SS1	H/H	73	34825	202	4.07					
ASA_GM1_1PNPDE20081028_010513_000008392073_00203_34826_1822.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_013619_000002592073_00203_34826_1826.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_014623_000001572073_00203_34826_1824.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_015603_000005552073_00203_34826_1839.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_020412_000000722073_00203_34826_1963.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_021107_000007612073_00203_34826_1965.N1	SS1	H/H	73	34826	203	4.07					
ASA_GM1_1PNPDE20081028_022825_000005072073_00204_34827_1967.N1	SS1	H/H	73	34827	204	4.07					
ASA_GM1_1PNPDE20081028_024527_000010082073_00204_34827_2062.N1	SS1	H/H	73	34827	204	4.07					
ASA_GM1_1PNPDE20081028_032818_000004652073_00204_34827_2111.N1	SS1	H/H	73	34827	204	4.07					
ASA_GM1_1PNPDE20081028_033839_000007062073_00204_34827_2126.N1	SS1	H/H	73	34827	204	4.07					
ASA_GM1_1PNPDE20081028_041520_000014192073_00205_34828_2228.N1	SS1	H/H	73	34828	205	4.07					
ASA_GM1_1PNPDE20081028_044529_000002592073_00205_34828_2118.N1	SS1	H/H	73	34828	205	4.07					
ASA_GM1_1PNPDE20081028_050735_000000842073_00205_34828_2273.N1	SS1	H/H	73	34828	205	4.07					
ASA_GM1_1PNPDE20081028_052256_000002172073_00205_34828_2277.N1	SS1	H/H	73	34828	205	4.07					
ASA_GM1_1PNPDE20081028_055107_000004712073_00206_34829_2275.N1	SS1	H/H	73	34829	206	4.07					
ASA_GM1_1PNPDE20081028_060237_000013102073_00206_34829_2366.N1	SS1	H/H	73	34829	206	4.07					
ASA_GM1_1PNPDE20081028_062528_000003562073_00206_34829_2309.N1	SS1	H/H	73	34829	206	4.07					
ASA_GM1_1PNPDK20081028_064811_000001572073_00206_34829_4512.N1	SS1	H/H	73	34829	206	4.07					
ASA_GM1_1PNPDK20081028_065429_000001632073_00206_34829_4517.N1	SS1	H/H	73	34829	206	4.07					
ASA_GM1_1PNPDK20081028_073925_000007612073_00207_34830_4527.N1	SS1	H/H	73	34830	207	4.07					
ASA_GM1_1PNPDK20081028_075103_000005492073_00207_34830_4603.N1	SS1	H/H	73	34830	207	4.07					
ASA_GM1_1PNPDK20081028_080722_000001142073_00207_34830_4605.N1	SS1	H/H	73	34830	207	4.07					
ASA_GM1_1PNPDK20081028_081641_000003082073_00207_34830_4607.N1	SS1	H/H	73	34830	207	4.07					
ASA_GM1_1PNPDK20081028_082847_000011422073_00207_34830_4692.N1	SS1	H/H	73	34830	207	4.07					
ASA_GM1_1PNPDK20081028_092105_000006822073_00208_34831_4616.N1	SS1	H/H	73	34831	208	4.07					
ASA_GM1_1PNPDK20081028_093118_000000842073_00208_34831_4733.N1	SS1	H/H	73	34831	208	4.07					
ASA_GM1_1PNPDK20081028_100923_000003382073_00208_34831_4738.N1	SS1	H/H	73	34831	208	4.07					
ASA_GM1_1PNPDK20081028_105838_000007792073_00209_34832_4752.N1	SS1	H/H	73	34832	209	4.07					
ASA_GM1_1PNPDK20081028_111402_000000842073_00209_34832_4868.N1	SS1	H/H	73	34832	209	4.07					
ASA_GM1_1PNPDK20081028_120138_000004412073_00209_34832_4873.N1	SS1	H/H	73	34832	209	4.07					
ASA_GM1_1PNPDK20081028_121607_000000962073_00209_34832_4881.N1	SS1	H/H	73	34832	209	4.07					
ASA_GM1_1PNPDK20081028_123715_000008822073_00210_34833_4891.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_125051_000000842073_00210_34833_4991.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_131359_000005862073_00210_34833_4993.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_132521_000002952073_00210_34833_4995.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_133153_000010632073_00210_34833_5088.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_135550_000003202073_00210_34833_5009.N1	SS1	H/H	73	34833	210	4.07					
ASA_GM1_1PNPDK20081028_141135_000000782073_00211_34834_5007.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_141355_000001142073_00211_34834_5005.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_141650_000005072073_00211_34834_5000.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_143956_000003142073_00211_34834_5119.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_145251_000003382073_00211_34834_5121.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_151111_000011412073_00211_34834_5207.N1	SS1	H/H	73	34834	211	4.07					
ASA_GM1_1PNPDK20081028_155912_000004282073_00212_34835_5138.N1	SS1	H/H	73	34835	212	4.07					
ASA_GM1_1PNPDK20081028_161311_000001502073_00212_34835_5237.N1	SS1	H/H	73	34835	212	4.07					
ASA_GM1_1PNPDK20081028_162052_000000842073_00212_34835_5239.N1	SS1	H/H	73	34835	212	4.07					
ASA_GM1_1PNPDK20081028_165147_000006042073_00212_34835_5241.N1	SS1	H/H	73	34835	212	4.07					
ASA_GM1_1PNPDK20081028_170426_000003802073_00212_34835_5246.N1	SS1	H/H	73	34835	212	4.07					
ASA_GM1_1PNPDK20081028_173410_000007122073_00213_34836_5253.N1	SS1	H/H	73	34836	213	4.07					
ASA_GM1_1PNPDK20081028_174517_000005922073_00213_34836_5334.N1	SS1	H/H	73	34836	213	4.07					
ASA_GM1_1PNPDK20081028_180113_000003742073_00213_34836_5336.N1	SS1	H/H	73	34836	213	4.07					
ASA_GM1_1PNPDK20081028_183223_000005672073_00213_34836_5341.N1	SS1	H/H	73	34836	213	4.07					
ASA_GM1_1PNPDK20081028_190729_000003742073_00214_34837_5343.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDK20081028_192039_000002232073_00214_34837_5353.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDK20081028_192314_000002052073_00214_34837_5447.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDK20081028_193347_000004342073_00214_34837_5449.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDK20081028_201259_000005432073_00214_34837_5457.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDK20081028_204144_000009002073_00214_34837_5471.N1	SS1	H/H	73	34837	214	4.07					
ASA_GM1_1PNPDE20081028_211810_000001932073_00215_34838_2712.N1	SS1	H/H	73	34838	215	4.07					
ASA_GM1_1PNPDE20081028_215335_000005432073_00215_34838_2727.N1	SS1	H/H	73	34838	215	4.07					
ASA_GM1_1PNPDE20081028_222922_000004772073_00216_34839_2848.N1	SS1	H/H	73	34839	216	4.07					
ASA_GM1_1PNPDE20081028_225424_000000842073_00216_34839_2846.N1	SS1	H/H	73	34839	216	4.07					
ASA_GM1_1PNPDE20081028_230024_000000722073_00216_34839_2853.N1	SS1	H/H	73	34839	216	4.07					

ASA_GM1_1PNPDE20081028_232457_000002472073_00216_34839_2858.N1	SS1	H/H	73	34839	216	4.07
ASA_GM1_1PNPDE20081028_233410_000003382073_00216_34839_2860.N1	SS1	H/H	73	34839	216	4.07
ASA_GM1_1PNPDE20081028_234450_000003202073_00216_34839_2870.N1	SS1	H/H	73	34839	216	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_IMM_1PNPDE20081028_013426_000000432073_00203_34826_1908.N1	IS2	V/V	73	34826	203	4.07
ASA_IMM_1PNPDE20081028_024155_000000392073_00204_34827_1953.N1	IS1	V/V	73	34827	204	4.07
ASA_IMM_1PNPDE20081028_043858_000003792073_00205_34828_2218.N1	IS2	V/V	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_051036_000002022073_00205_34828_2230.N1	IS2	H/H	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_051436_000001222073_00205_34828_2269.N1	IS2	H/H	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_051436_000003222073_00205_34828_2376.N1	IS2	H/H	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_051739_000001392073_00205_34828_2270.N1	IS2	H/H	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_052004_000001622073_00205_34828_2267.N1	IS3	H/H	73	34828	205	4.07
ASA_IMM_1PNPDE20081028_062425_000000532073_00206_34829_2241.N1	IS2	V/V	73	34829	206	4.07
ASA_IMM_1PNPDE20081028_080916_000004352073_00207_34830_2427.N1	IS2	V/V	73	34830	207	4.07
ASA_IMM_1PNPDK20081028_093926_000001142073_00208_34831_4711.N1	IS2	V/V	73	34831	208	4.07
ASA_IMM_1PNPDE20081028_094058_000000372073_00208_34831_2433.N1	IS2	V/V	73	34831	208	4.07
ASA_IMM_1PNPDE20081028_094452_000004602073_00208_34831_2473.N1	IS2	V/V	73	34831	208	4.07
ASA_IMM_1PNPDK20081028_111137_000000372073_00209_34832_4749.N1	IS2	H/H	73	34832	209	4.07
ASA_IMM_1PNPDK20081028_111824_000000822073_00209_34832_4832.N1	IS2	V/V	73	34832	209	4.07
ASA_IMM_1PNPDE20081028_112921_000000672073_00209_34832_2490.N1	IS2	V/V	73	34832	209	4.07
ASA_IMM_1PNPDE20081028_115414_000001622073_00209_34832_2527.N1	IS6	H/H	73	34832	209	4.07
ASA_IMM_1PNPDK20081028_123404_000000362073_00210_34833_4960.N1	IS4	H/H	73	34833	210	4.07
ASA_IMM_1PNPDK20081028_125212_000001422073_00210_34833_4978.N1	IS2	H/H	73	34833	210	4.07
ASA_IMM_1PNPDE20081028_155038_000000962073_00212_34835_2574.N1	IS4	H/H	73	34835	212	4.07
ASA_IMM_1PNPDE20081028_173237_000000822073_00213_34836_2626.N1	IS6	V/V	73	34836	213	4.07
ASA_IMM_1PNPDE20081028_175508_000000392073_00213_34836_2632.N1	IS1	V/V	73	34836	213	4.07
ASA_IMM_1PNPDE20081028_180010_000000512073_00213_34836_2634.N1	IS2	V/V	73	34836	213	4.07
ASA_IMM_1PNPDK20081028_205944_000000832073_00215_34838_5540.N1	IS2	V/V	73	34838	215	4.07
ASA_IMM_1PNPDE20081028_205956_000000422073_00215_34838_2720.N1	IS2	V/V	73	34838	215	4.07

Filename	Pol	Timestamp	count(Module)
ASA_MS__0PNPDE20081028_050903_000000162073_00205_34828_0345.N1	H	2008-10-28 05:09:03	320

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_WSM_1PNPDE20081028_000923_000002752073_00202_34825_1797.N1	SS1	H/H	73	34825	202	4.07			
ASA_WSM_1PNPDE20081028_002053_000001342073_00202_34825_1810.N1	SS1	H/H	73	34825	202	4.07			
ASA_WSM_1PNPDE20081028_002053_000002252073_00202_34825_1932.N1	SS1	H/H	73	34825	202	4.07			
ASA_WSM_1PNPDE20081028_002402_000000362073_00202_34825_1785.N1	SS1	H/H	73	34825	202	4.07			
ASA_WSM_1PNPDE20081028_005653_000004892073_00203_34826_1951.N1	SS1	H/H	73	34826	203	4.07			
ASA_WSM_1PNPDE20081028_014907_000004092073_00203_34826_2043.N1	SS1	H/H	73	34826	203	4.07			
ASA_WSM_1PNPDE20081028_023656_000002502073_00204_34827_2045.N1	SS1	H/H	73	34827	204	4.07			
ASA_WSM_1PNPDE20081028_024251_000001522073_00204_34827_2070.N1	SS1	H/H	73	34827	204	4.07			
ASA_WSM_1PNPDE20081028_030221_000000912073_00204_34827_2072.N1	SS1	H/H	73	34827	204	4.07			
ASA_WSM_1PNPDE20081028_030404_000003912073_00204_34827_2087.N1	SS1	H/H	73	34827	204	4.07			
ASA_WSM_1PNPDE20081028_033605_000001522073_00204_34827_2208.N1	SS1	H/H	73	34827	204	4.07			
ASA_WSM_1PNPDE20081028_041119_000002372073_00205_34828_2220.N1	SS1	H/H	73	34828	205	4.07			
ASA_WSM_1PNPDE20081028_055903_000001892073_00206_34829_2384.N1	SS1	H/H	73	34829	206	4.07			
ASA_WSM_1PNPDE20081028_065055_000002082073_00206_34829_2386.N1	SS1	H/H	73	34829	206	4.07			
ASA_WSM_1PNPDE20081028_101508_000002312073_00208_34831_2477.N1	SS1	H/H	73	34831	208	4.07			
ASA_WSM_1PNPDE20081028_101929_000005252073_00208_34831_2542.N1	SS1	H/H	73	34831	208	4.07			
ASA_WSM_1PNPDE20081028_114944_000002072073_00209_34832_2537.N1	SS1	H/H	73	34832	209	4.07			
ASA_WSM_1PNPDE20081028_132346_000000922073_00210_34833_2578.N1	SS1	H/H	73	34833	210	4.07			
ASA_WSM_1PNPDE20081028_133019_000000922073_00210_34833_2576.N1	SS1	H/H	73	34833	210	4.07			
ASA_WSM_1PNPDE20081028_143706_000001532073_00211_34834_2592.N1	SS1	H/H	73	34834	211	4.07			
ASA_WSM_1PNPDE20081028_155241_000003732073_00212_34835_2594.N1	SS1	V/V	73	34835	212	4.07			
ASA_WSM_1PNPDE20081028_161548_000002992073_00212_34835_2630.N1	SS1	H/H	73	34835	212	4.07			
ASA_WSM_1PNPDE20081028_162218_000002082073_00212_34835_2628.N1	SS1	H/H	73	34835	212	4.07			
ASA_WSM_1PNPDE20081028_170152_000001532073_00212_34835_2624.N1	SS1	H/H	73	34835	212	4.07			
ASA_WSM_1PNPDE20081028_175620_000002142073_00213_34836_2666.N1	SS1	H/H	73	34836	213	4.07			
ASA_WSM_1PNPDE20081028_184156_000004822073_00213_34836_2668.N1	SS1	H/H	73	34836	213	4.07			
ASA_WSM_1PNPDE20081028_191829_000000922073_00214_34837_2664.N1	SS1	V/V	73	34837	214	4.07			
ASA_WSM_1PNPDE20081028_193201_000001042073_00214_34837_2704.N1	SS1	H/H	73	34837	214	4.07			
ASA_WSM_1PNPDE20081028_202204_000005872073_00214_34837_2710.N1	SS1	H/H	73	34837	214	4.07			
ASA_WSM_1PNPDE20081028_203721_000001532073_00214_34837_2708.N1	SS1	V/V	73	34837	214	4.07			
ASA_WSM_1PNPDE20081028_203955_000001042073_00214_34837_2706.N1	SS1	H/H	73	34837	214	4.07			
ASA_WSM_1PNPDE20081028_211138_000001902073_00215_34838_2829.N1	SS1	H/H	73	34838	215	4.07			
ASA_WSM_1PNPDE20081028_211536_000001342073_00215_34838_2831.N1	SS1	H/H	73	34838	215	4.07			
ASA_WSM_1PNPDE20081028_220240_000005872073_00215_34838_2865.N1	SS1	H/H	73	34838	215	4.07			
ASA_WSM_1PNPDE20081028_225050_000002082073_00216_34839_2999.N1	SS1	H/H	73	34839	216	4.07			
ASA_WSM_1PNPDE20081028_225550_000002692073_00216_34839_3001.N1	SS1	H/H	73	34839	216	4.07			
ASA_WSM_1PNPDE20081028_233954_000002932073_00216_34839_2989.N1	SS1	H/H	73	34839	216	4.07			
ASA_WSM_1PNPDE20081028_235016_000001642073_00216_34839_2991.N1	SS1	H/H	73	34839	216	4.07			

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_WVS_1PNPDE20081028_000053_000002552073_00202_34825_1676.N1	IS2	V/V	73	34825	202	4.07			
ASA_WVS_1PNPDE20081028_002442_000002992073_00202_34825_1679.N1	IS2	V/V	73	34825	202	4.07			
ASA_WVS_1PNPDE20081028_002842_000004942073_00202_34825_1815.N1	IS2	V/V	73	34825	202	4.07			
ASA_WVS_1PNPDE20081028_002442_000002992073_00202_34825_1679.N1	IS1	V/V	73	34825	202	4.07			
ASA_WVS_1PNPDE20081028_003900_000010342073_00202_34825_1820.N1	IS2	V/V	73	34825	202	4.07			
ASA_WVS_1PNPDE20081028_011913_000008692073_00203_34826_1829.N1	IS2	V/V	73	34826	203	4.07			
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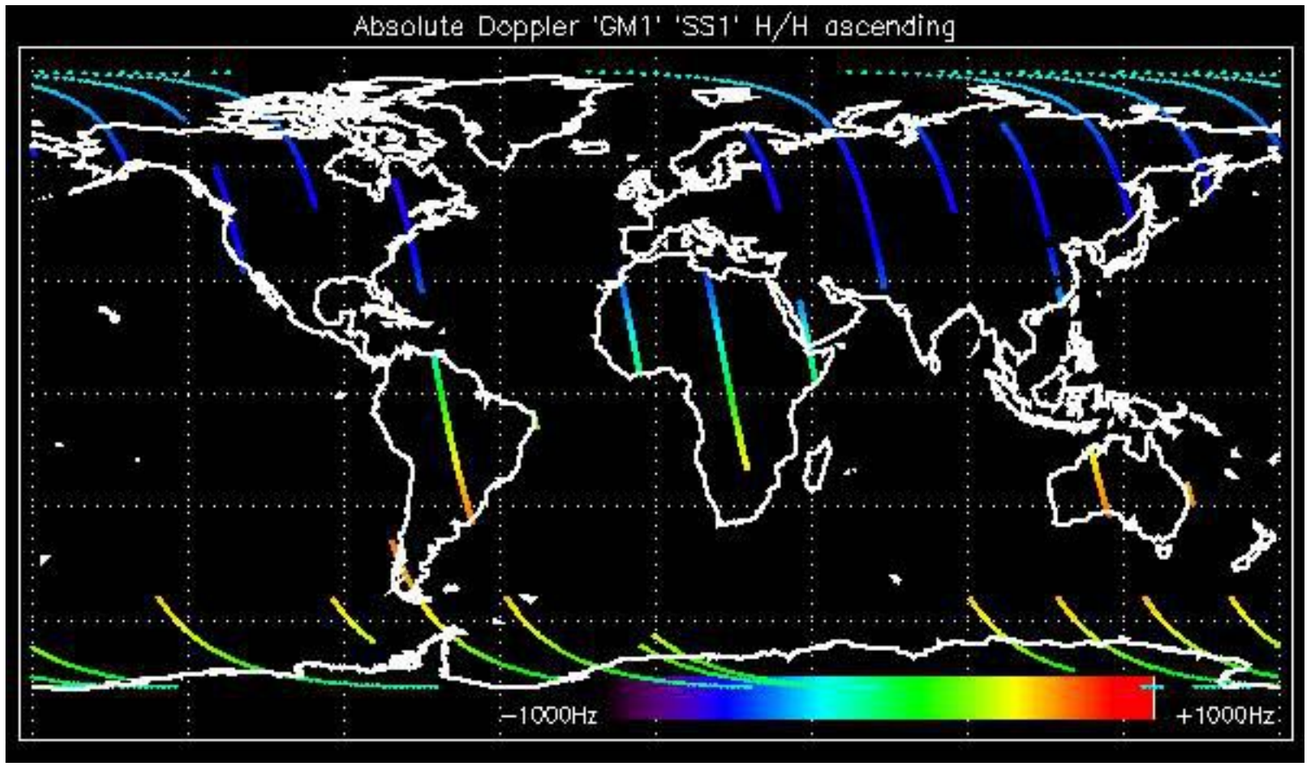
ASA_WVS_1PNPDE20081028_035029_000008242073_00204_34827_2121.N1	IS2	V/V	73	34827	204	4.07			
ASA_WVS_1PNPDE20081028_044949_000008092073_00205_34828_2129.N1	IS2	V/V	73	34828	205	4.07			
ASA_WVS_1PNPDE20081028_050304_000002252073_00205_34828_2280.N1	IS2	V/V	73	34828	205	4.07			
ASA_WVS_1PNPDE20081028_052638_000014242073_00205_34828_2312.N1	IS2	V/V	73	34828	205	4.07			
ASA_WVS_1PNPDE20081028_063126_000007192073_00206_34829_2315.N1	IS2	V/V	73	34829	206	4.07			
ASA_WVS_1PNPDK20081028_064311_000002552073_00206_34829_4515.N1	IS2	V/V	73	34829	206	4.07			
ASA_WVS_1PNPDK20081028_070705_000018892073_00206_34829_4520.N1	IS2	V/V	73	34829	206	4.07			
ASA_WVS_1PNPDK20081028_082152_000003752073_00207_34830_4610.N1	IS2	V/V	73	34830	207	4.07			
ASA_WVS_1PNPDK20081028_084750_000019492073_00207_34830_4619.N1	IS2	V/V	73	34830	207	4.07			
ASA_WVS_1PNPDK20081028_095239_000009592073_00208_34831_4736.N1	IS2	V/V	73	34831	208	4.07			
ASA_WVS_1PNPDK20081028_102817_000017692073_00208_34831_4746.N1	IS2	V/V	73	34831	208	4.07			
ASA_WVS_1PNPDK20081028_111953_000005242073_00209_34832_4866.N1	IS2	V/V	73	34832	209	4.07			
ASA_WVS_1PNPDK20081028_113035_000011092073_00209_34832_4876.N1	IS2	V/V	73	34832	209	4.07			
ASA_WVS_1PNPDK20081028_120902_000003752073_00209_34832_4871.N1	IS2	V/V	73	34832	209	4.07			
ASA_WVS_1PNPDK20081028_121748_000009312073_00209_34832_4879.N1	IS2	V/V	73	34832	209	4.07			
ASA_WVS_1PNPDK20081028_123447_000001042073_00210_34833_4884.N1	IS2	V/V	73	34833	210	4.07			
ASA_WVS_1PNPDK20081028_125649_000009142073_00210_34833_4998.N1	IS2	V/V	73	34833	210	4.07			
ASA_WVS_1PNPDK20081028_134938_000003302073_00210_34833_5012.N1	IS2	V/V	73	34833	210	4.07			
ASA_WVS_1PNPDK20081028_140109_000005542073_00210_34833_5003.N1	IS2	V/V	73	34833	210	4.07			
ASA_WVS_1PNPDK20081028_145833_000007192073_00211_34834_5124.N1	IS2	V/V	73	34834	211	4.07			
ASA_WVS_1PNPDK20081028_153014_000011392073_00211_34834_5136.N1	IS2	V/V	73	34834	211	4.07			
ASA_WVS_1PNPDK20081028_163141_000011542073_00212_34835_5244.N1	IS2	V/V	73	34835	212	4.07			
ASA_WVS_1PNPDK20081028_171050_000012292073_00212_34835_5256.N1	IS2	V/V	73	34835	212	4.07			
ASA_WVS_1PNPDK20081028_180727_000014542073_00213_34836_5339.N1	IS2	V/V	73	34836	213	4.07			
ASA_WVS_1PNPDK20081028_185329_000007942073_00213_34836_5351.N1	IS2	V/V	73	34836	213	4.07			
ASA_WVS_1PNPDK20081028_194103_000018742073_00214_34837_5452.N1	IS2	V/V	73	34837	214	4.07			
ASA_WVS_1PNPDK20081028_203153_000002852073_00214_34837_5455.N1	IS2	V/V	73	34837	214	4.07			
ASA_WVS_1PNPDK20081028_205645_000000592073_00215_34838_5460.N1	IS2	V/V	73	34838	215	4.07			
ASA_WVS_1PNPDE20081028_212128_000018892073_00215_34838_2715.N1	IS2	V/V	73	34838	215	4.07			
ASA_WVS_1PNPDE20081028_221229_000002242073_00215_34838_2718.N1	IS2	V/V	73	34838	215	4.07			
ASA_WVS_1PNPDE20081028_221514_000008092073_00215_34838_2844.N1	IS2	V/V	73	34838	215	4.07			
ASA_WVS_1PNPDE20081028_221229_000002242073_00215_34838_2718.N1	IS1	V/V	73	34838	215	4.07			
ASA_WVS_1PNPDE20081028_223719_000004192073_00216_34839_2851.N1	IS2	V/V	73	34839	216	4.07			
ASA_WVS_1PNPDE20081028_230139_000013492073_00216_34839_2856.N1	IS2	V/V	73	34839	216	4.07			
ASA_WVS_1PNPDE20081028_232951_000002102073_00216_34839_2863.N1	IS2	V/V	73	34839	216	4.07			
ASA_WVS_1PNPDE20081028_235304_000002552073_00216_34839_2868.N1	IS2	V/V	73	34839	216	4.07			
ASA_WVS_1PNPDE20081028_235635_000016942073_00216_34839_3012.N1	IS2	V/V	73	34839	216	4.07			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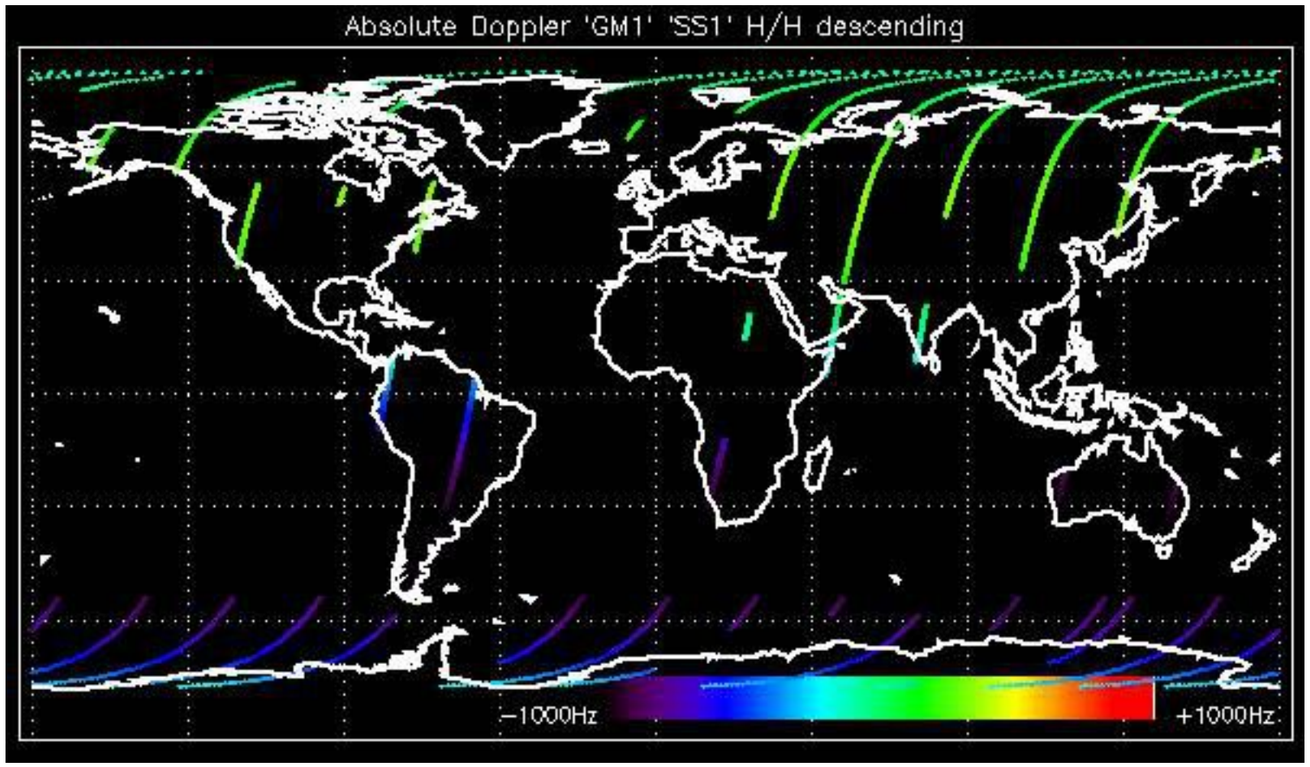
+1000Hz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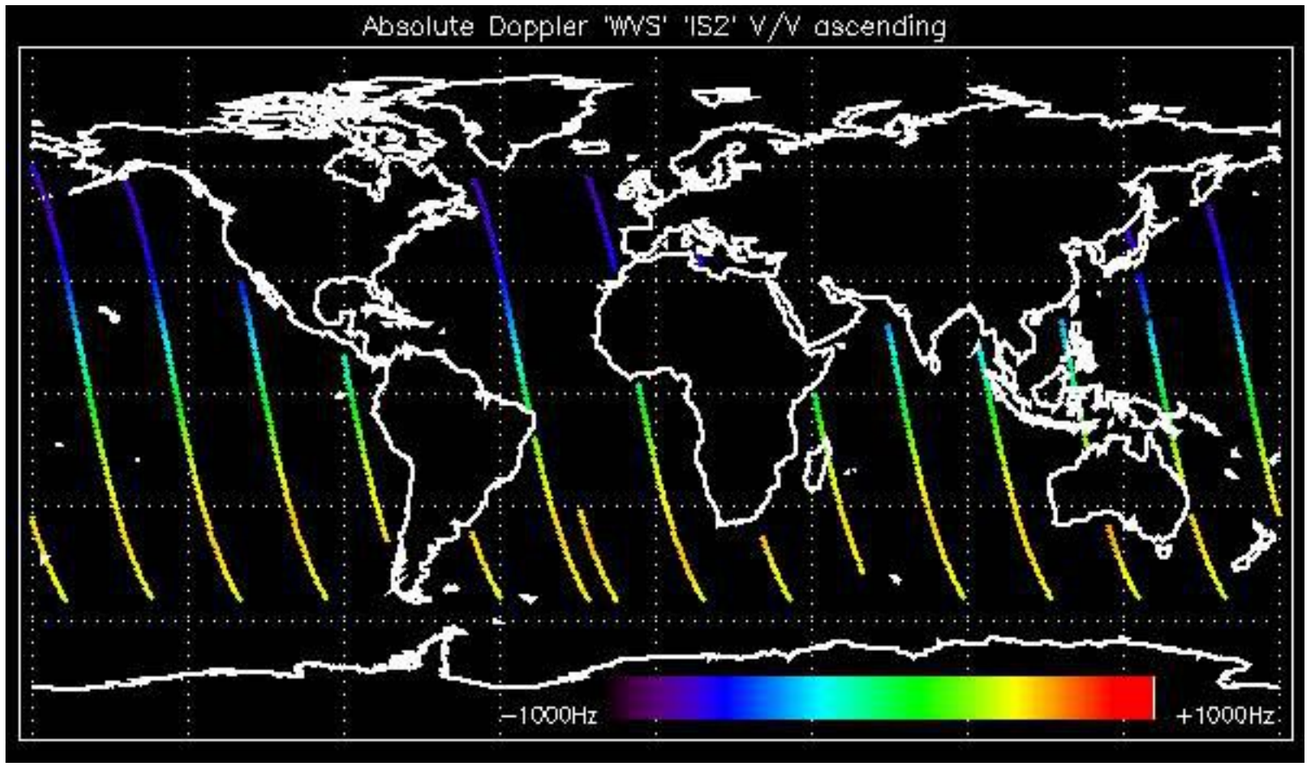
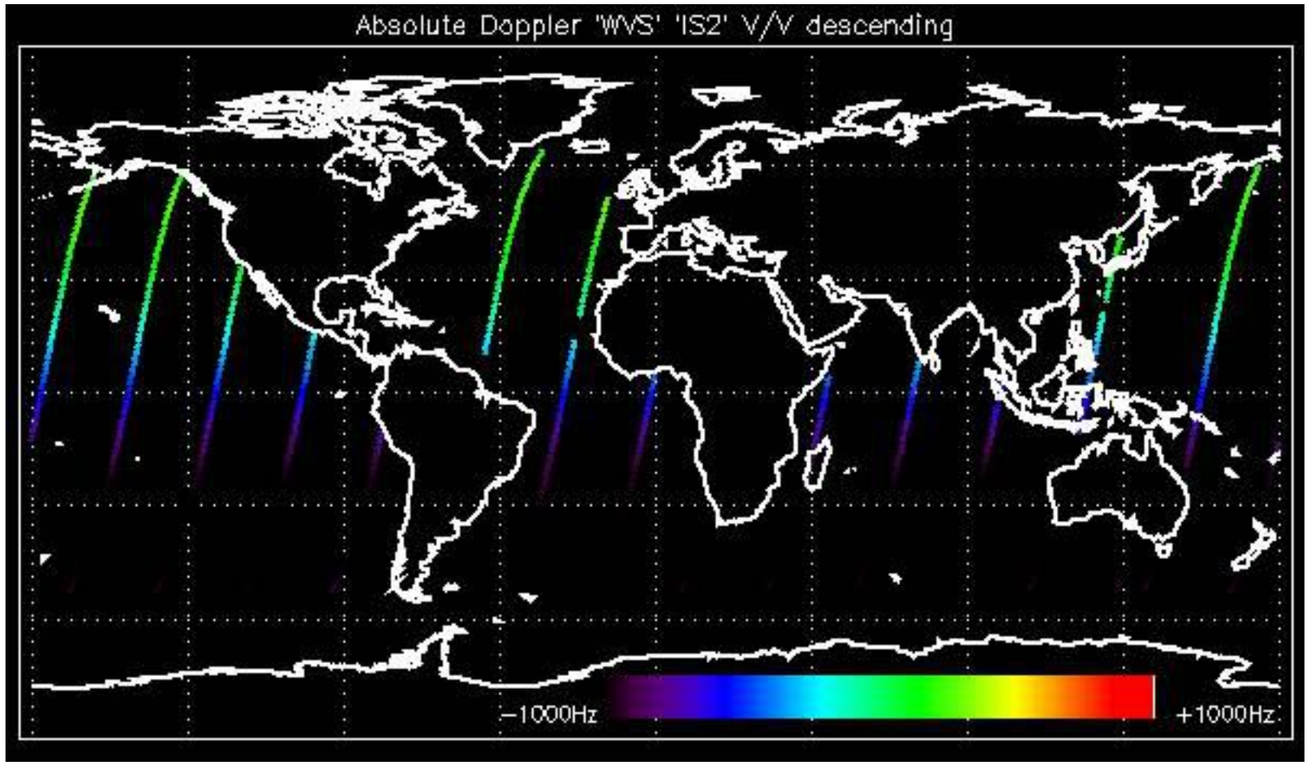
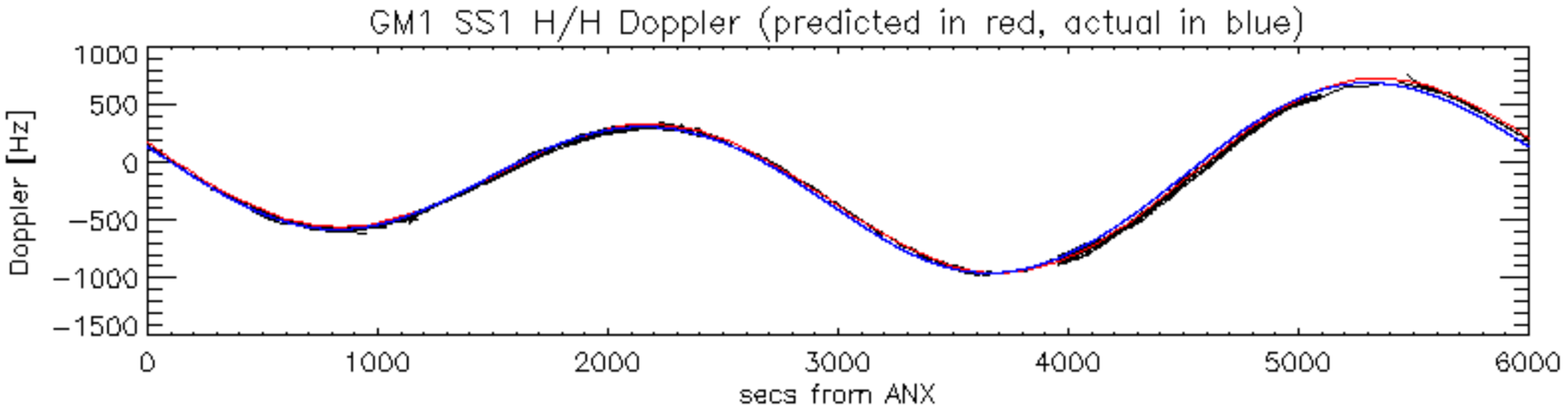
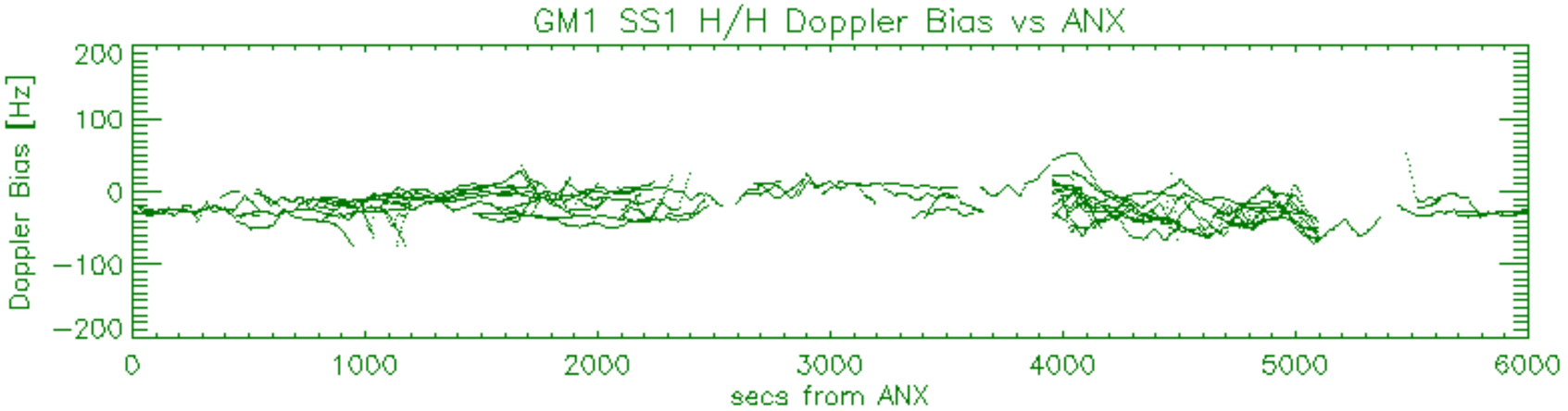
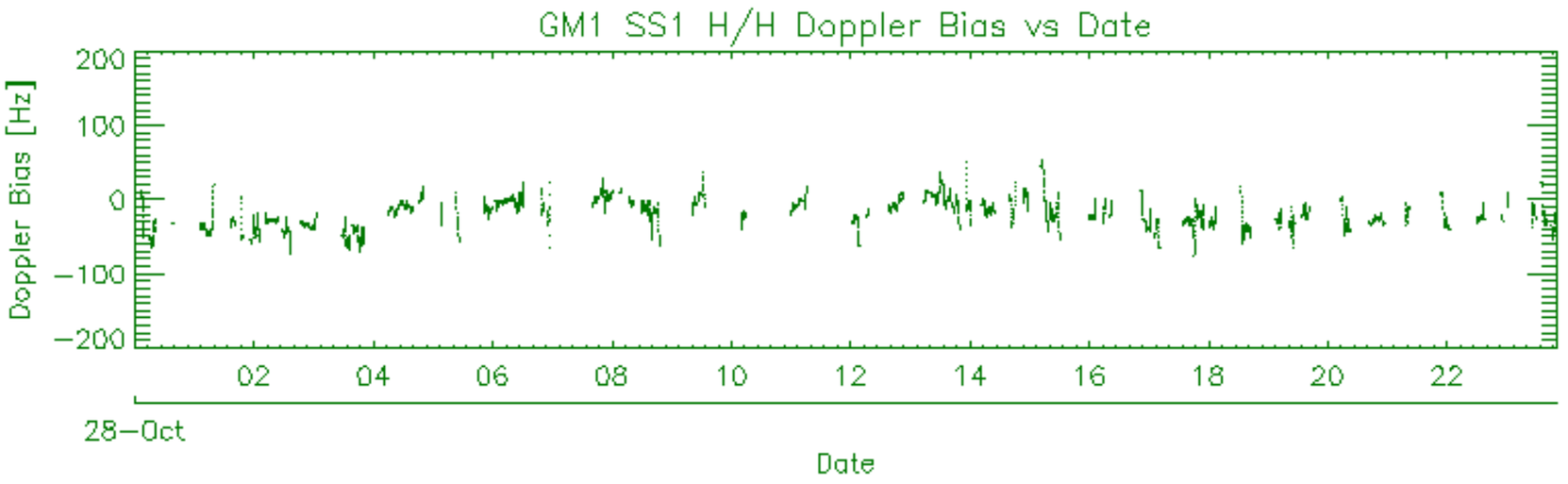
−1000Hz
+1000Hz

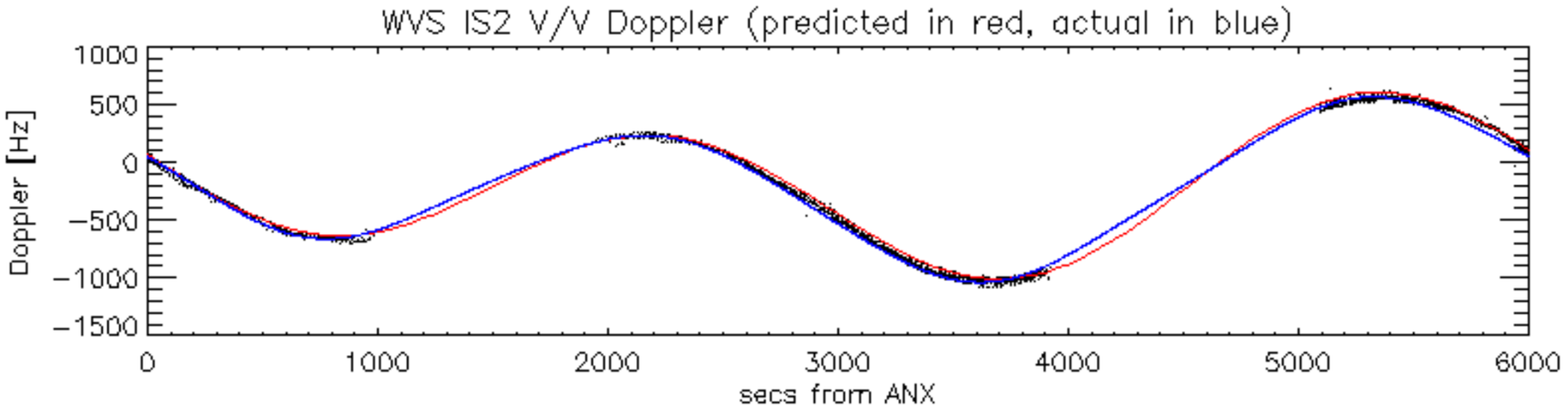

Absolute Doppler 'WVS' 'IS2' V/V ascending
−1000Hz
+1000Hz

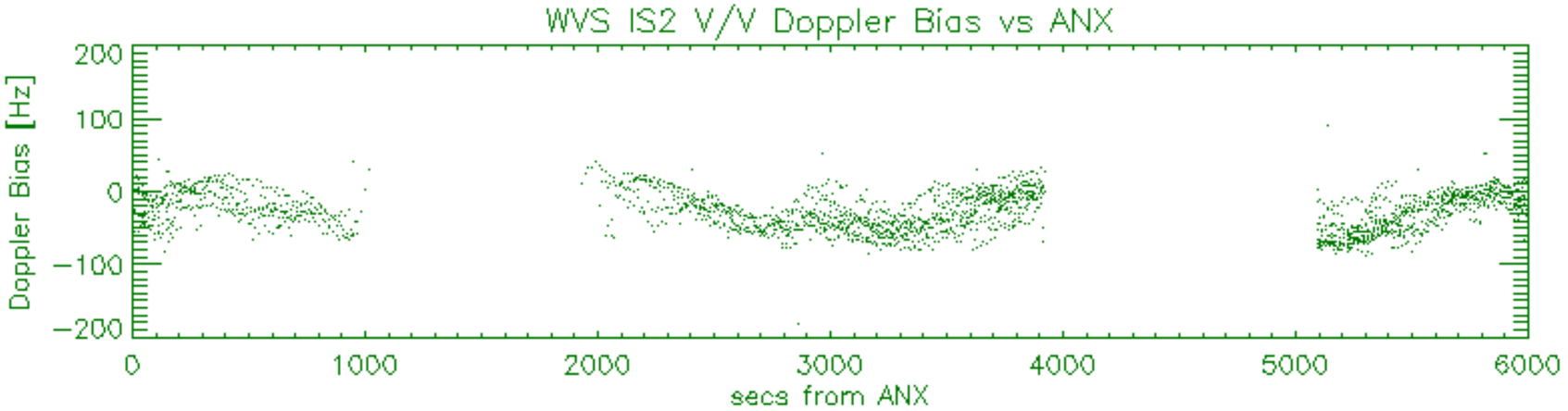

Absolute Doppler 'WVS' 'IS2' V/V descending
−1000Hz
+1000Hz

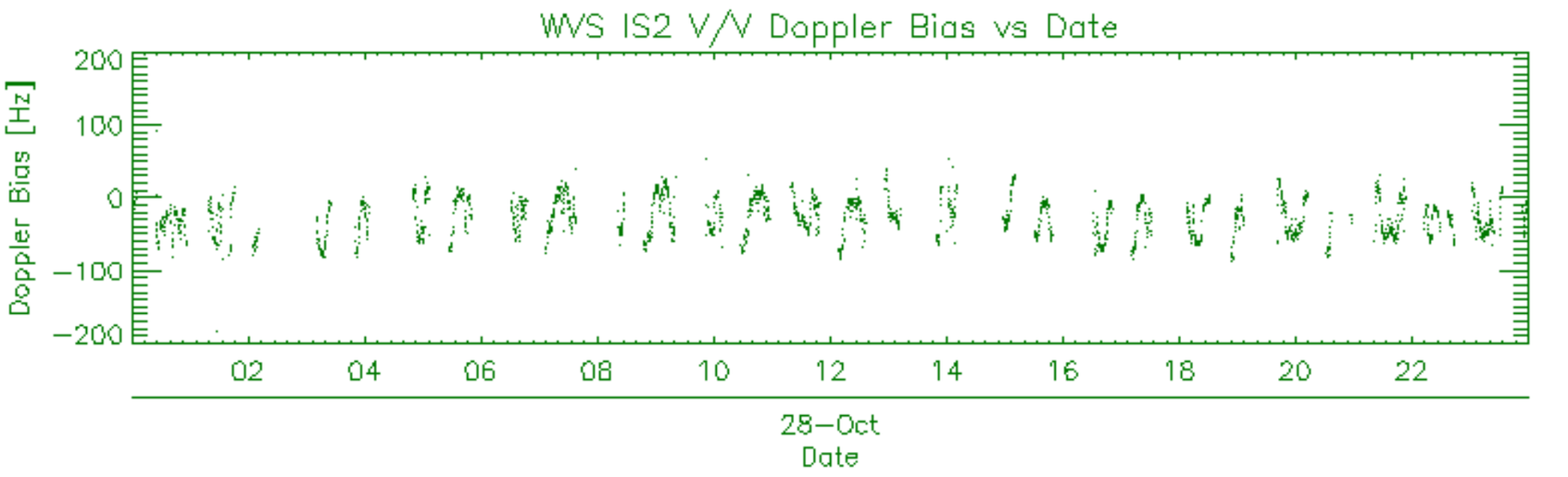

GM1 SS1 H/H Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

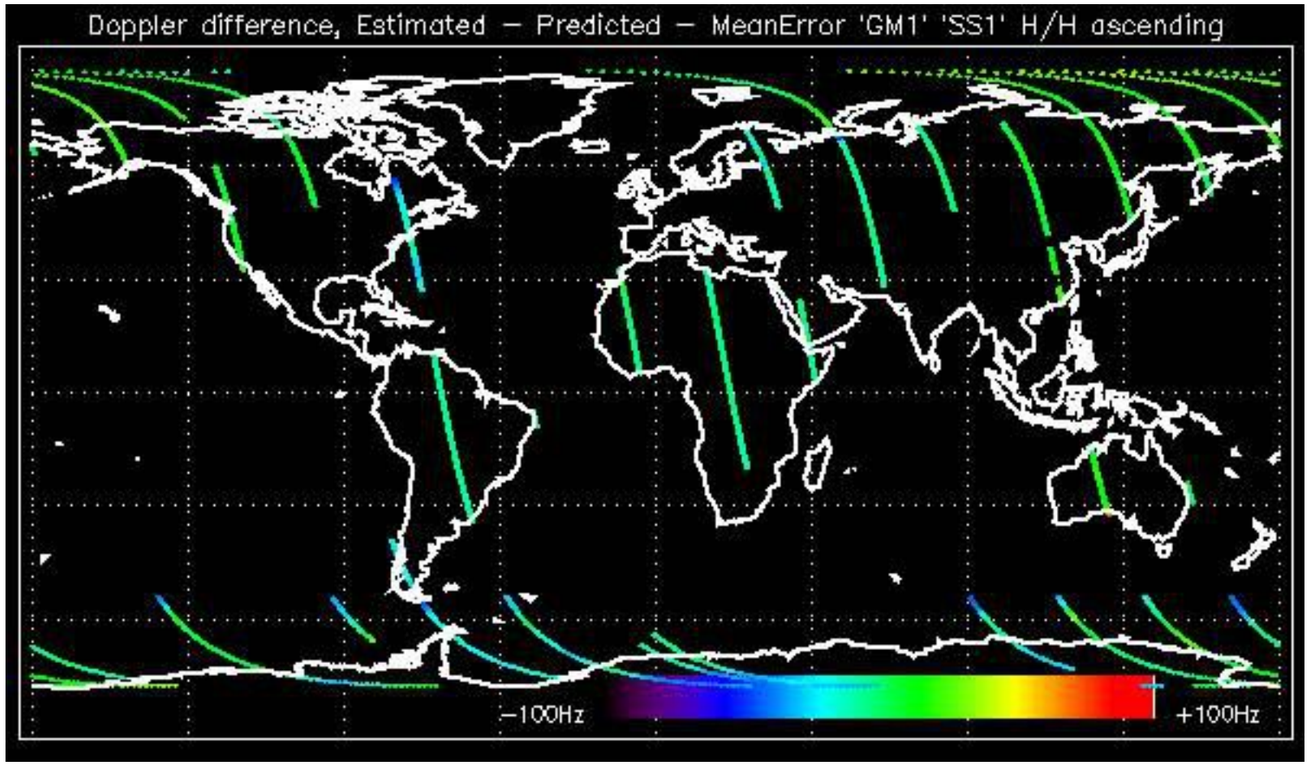

GM1 SS1 H/H Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

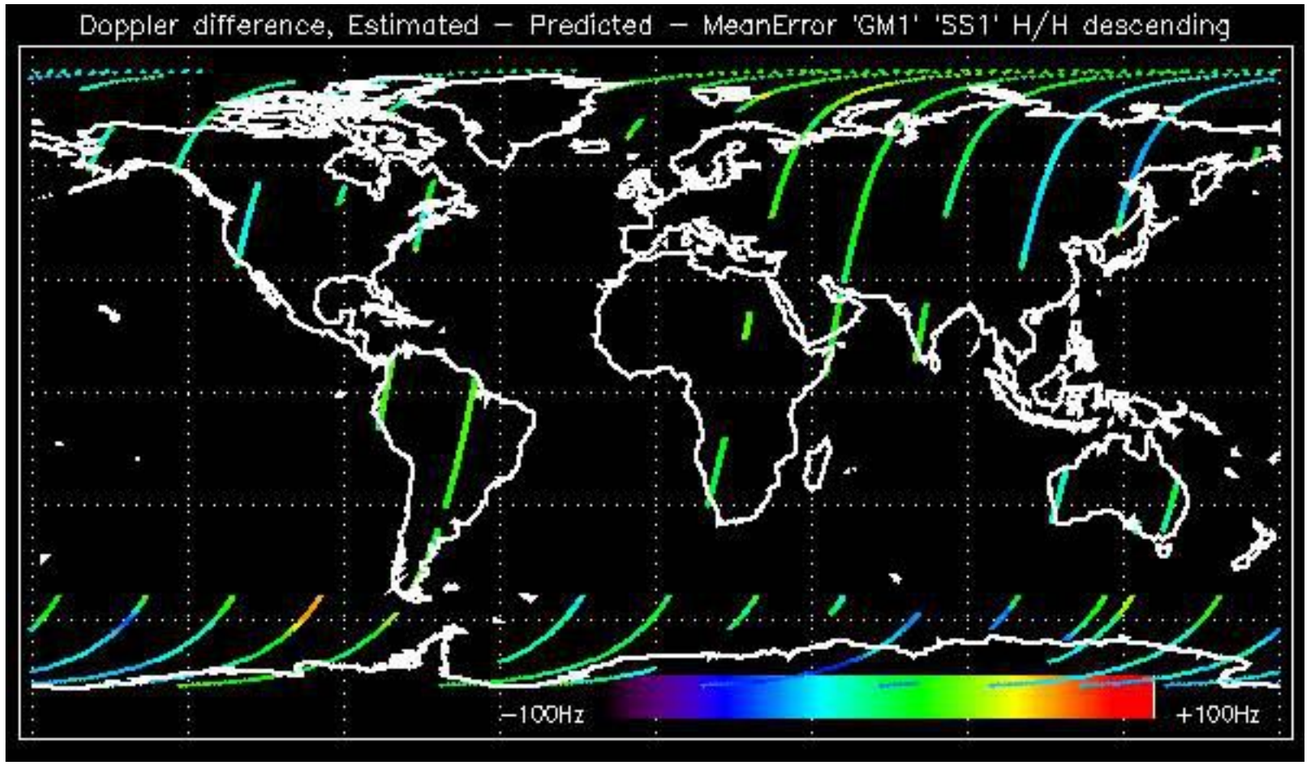

GM1 SS1 H/H Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
28−Oct
Date

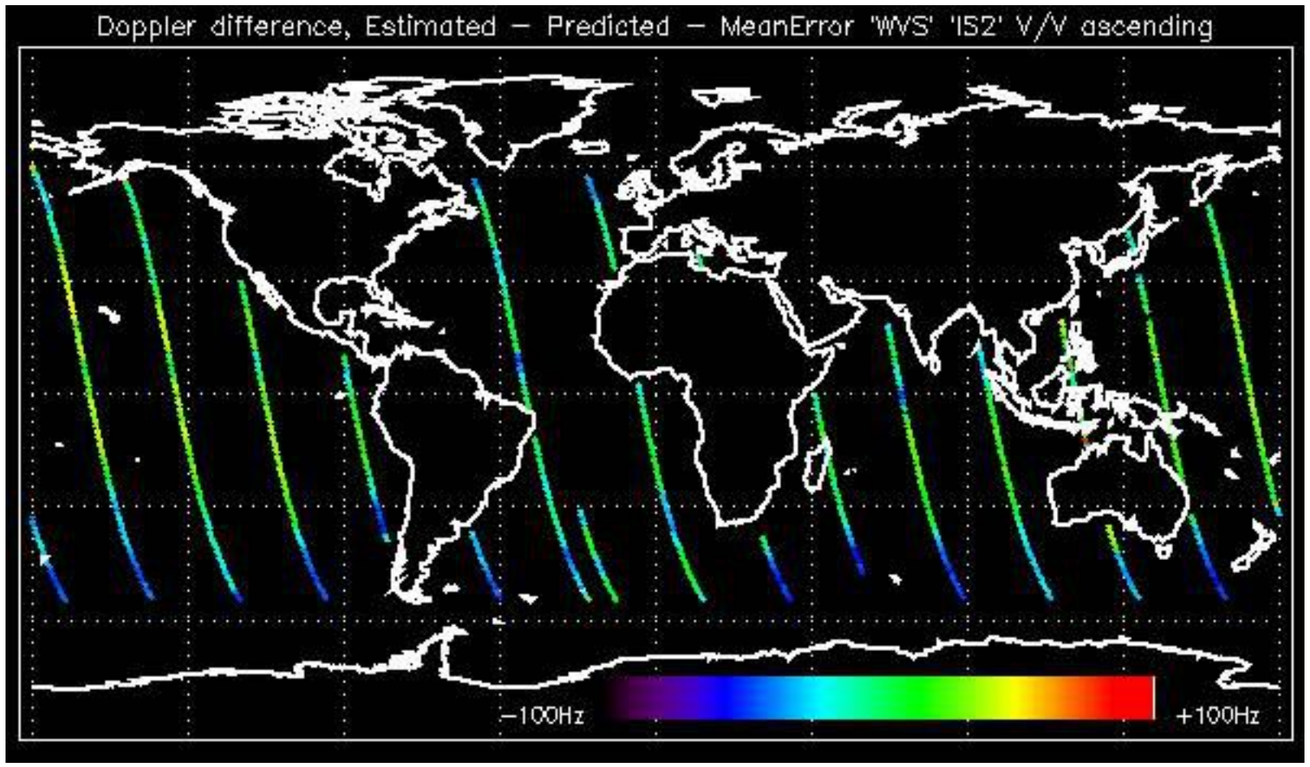

WVS IS2 V/V Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

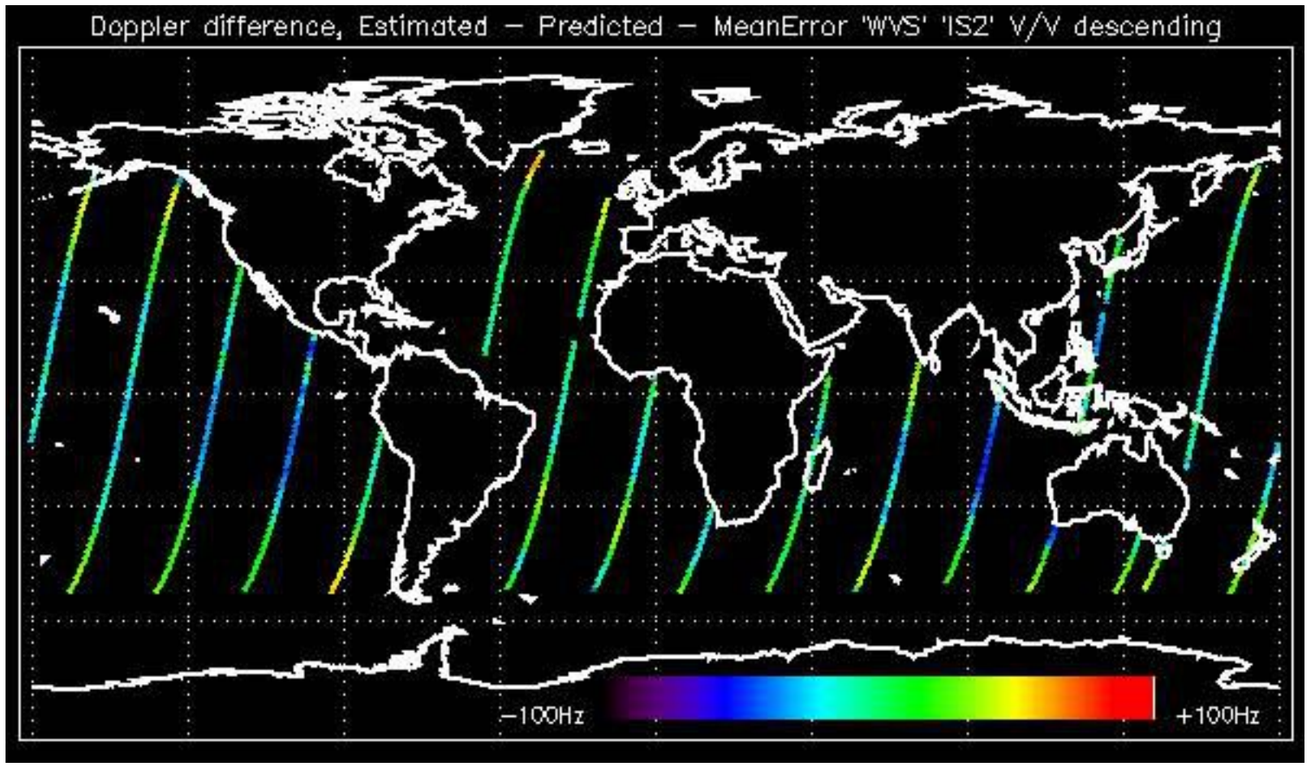

WVS IS2 V/V Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

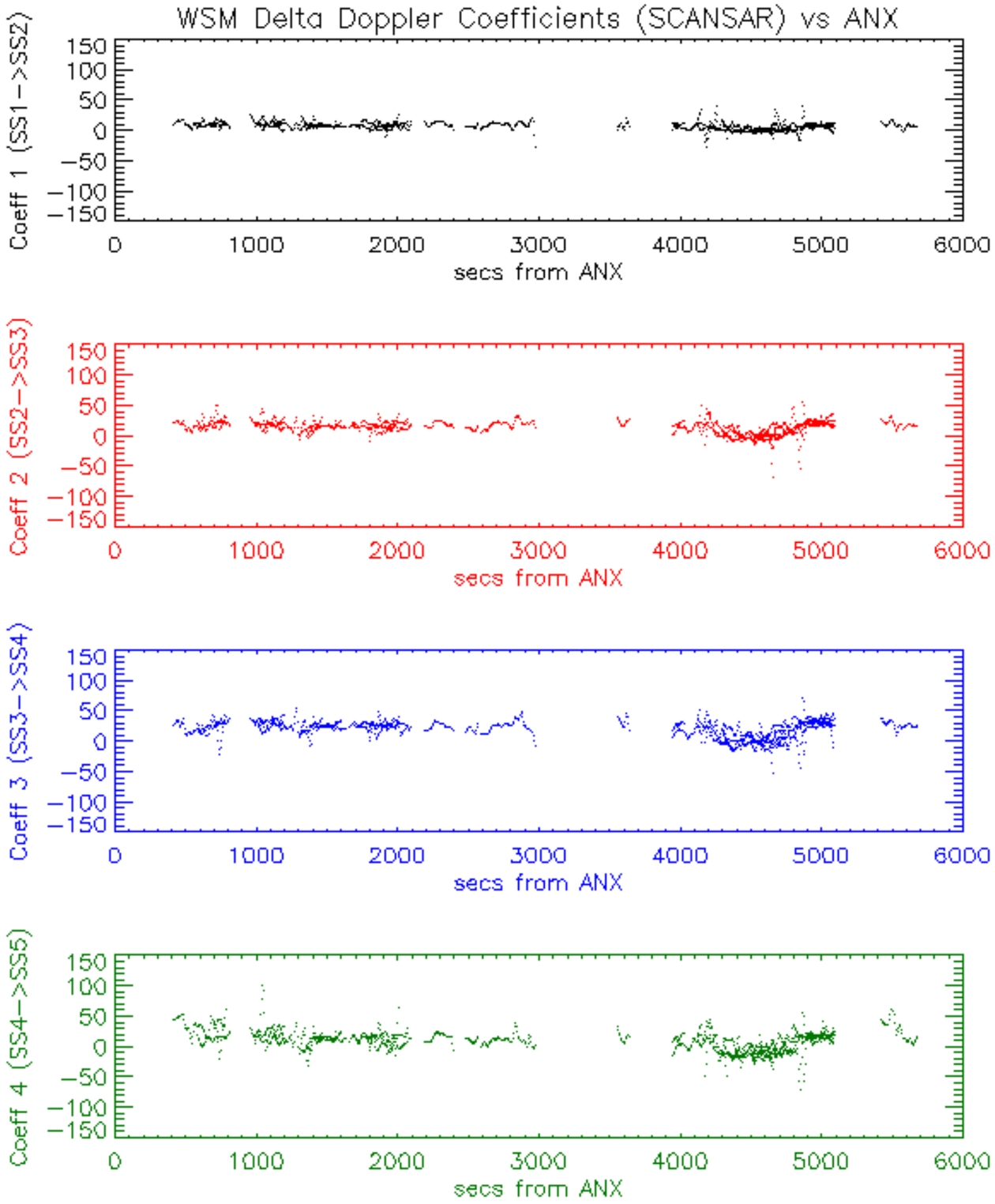

WVS IS2 V/V Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
28−Oct
Date

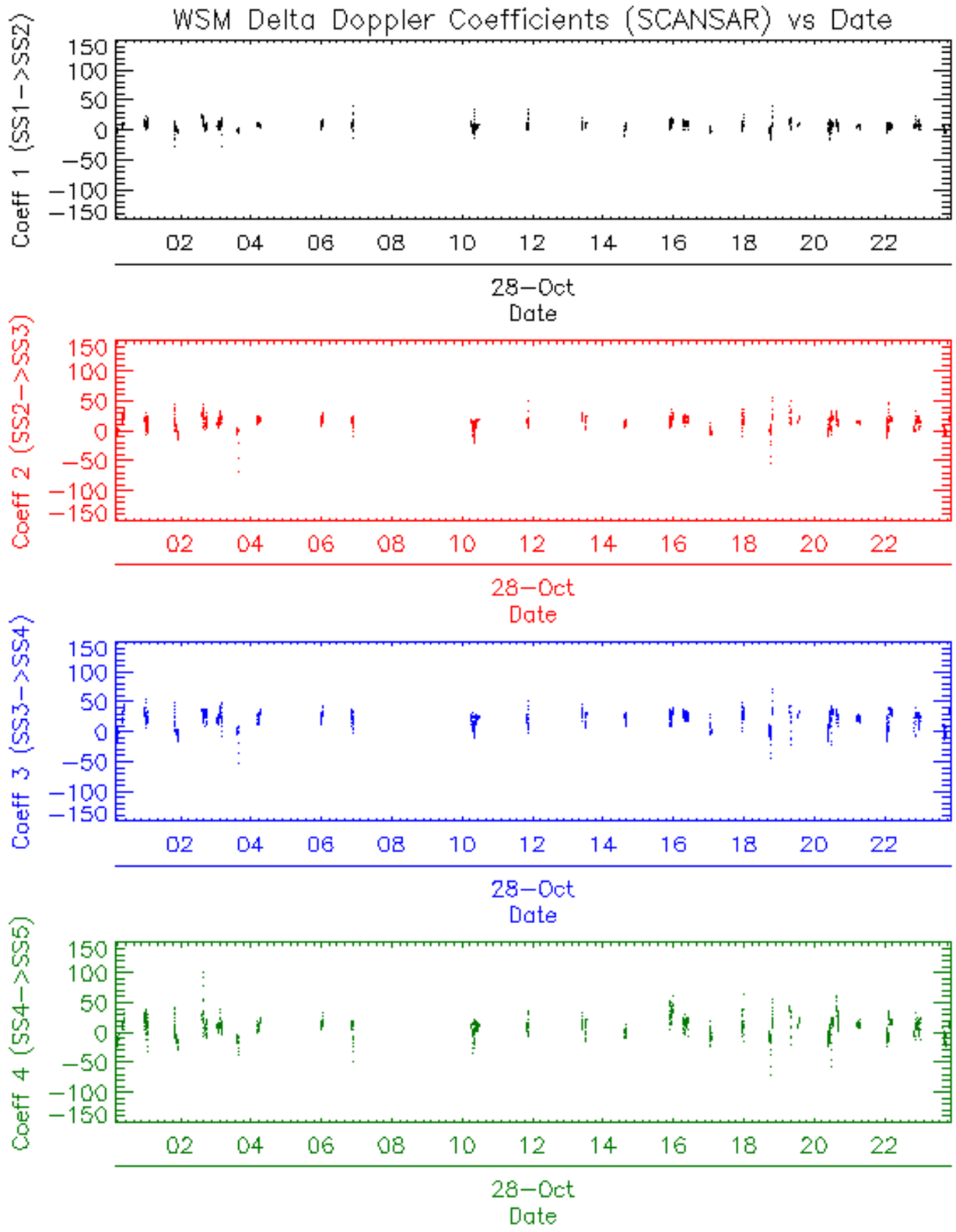

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H ascending
−100Hz
+100Hz

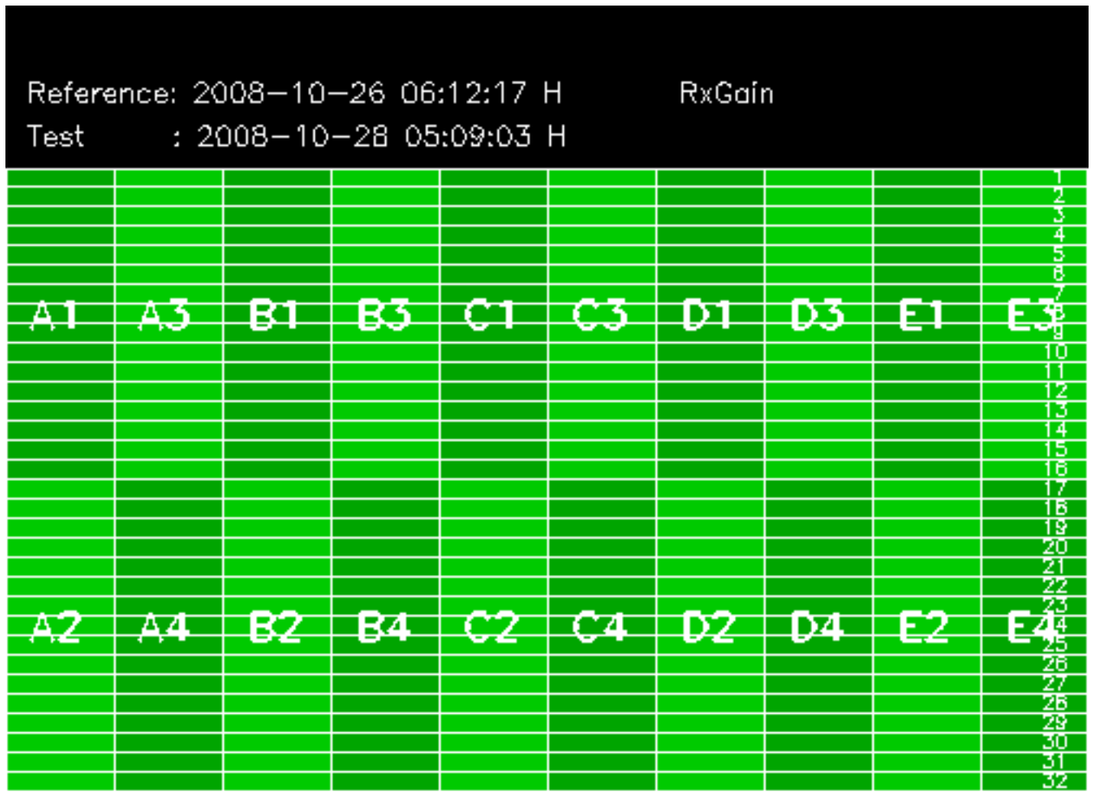

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H descending
−100Hz
+100Hz


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)
Coeff 2 (SS2->SS3)
Coeff 3 (SS3->SS4)
Coeff 4 (SS4->SS5)
150
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
28−Oct
Date


Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
RxGain
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
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7
8
9
10
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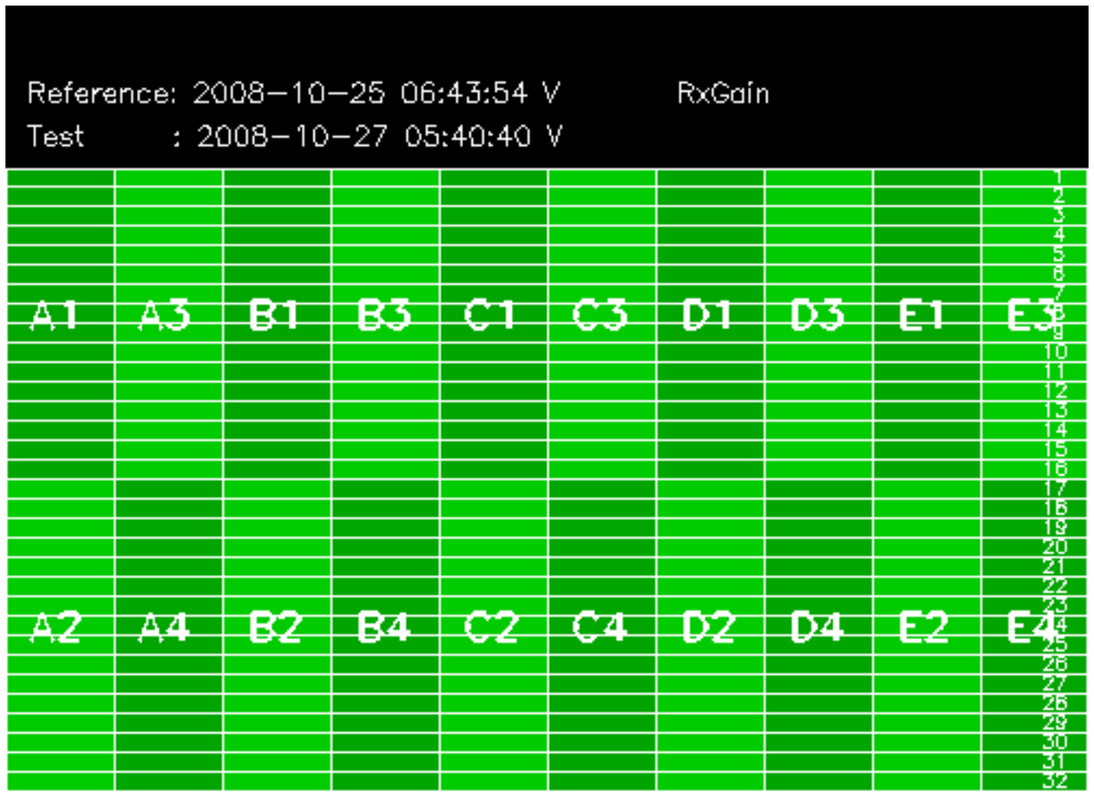
Reference: 2008-10-25 06:43:54 V
Test : 2008-10-27 05:40:40 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
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8
9
10
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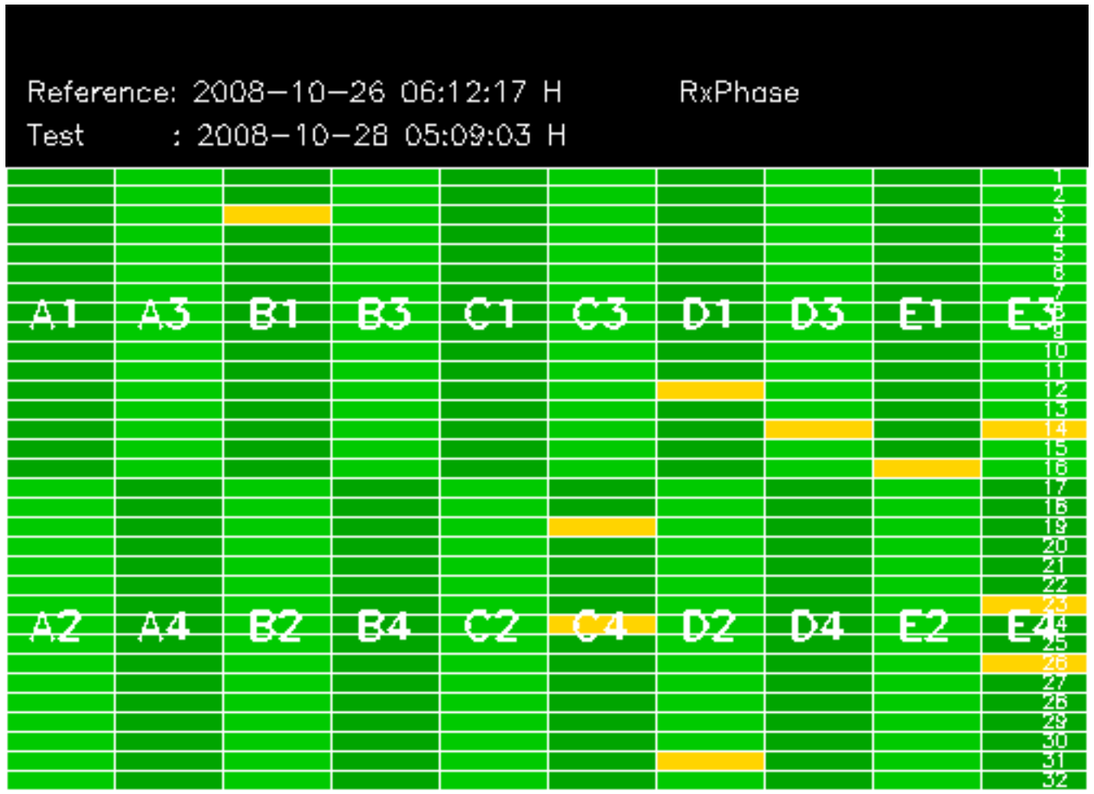
Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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8
9
10
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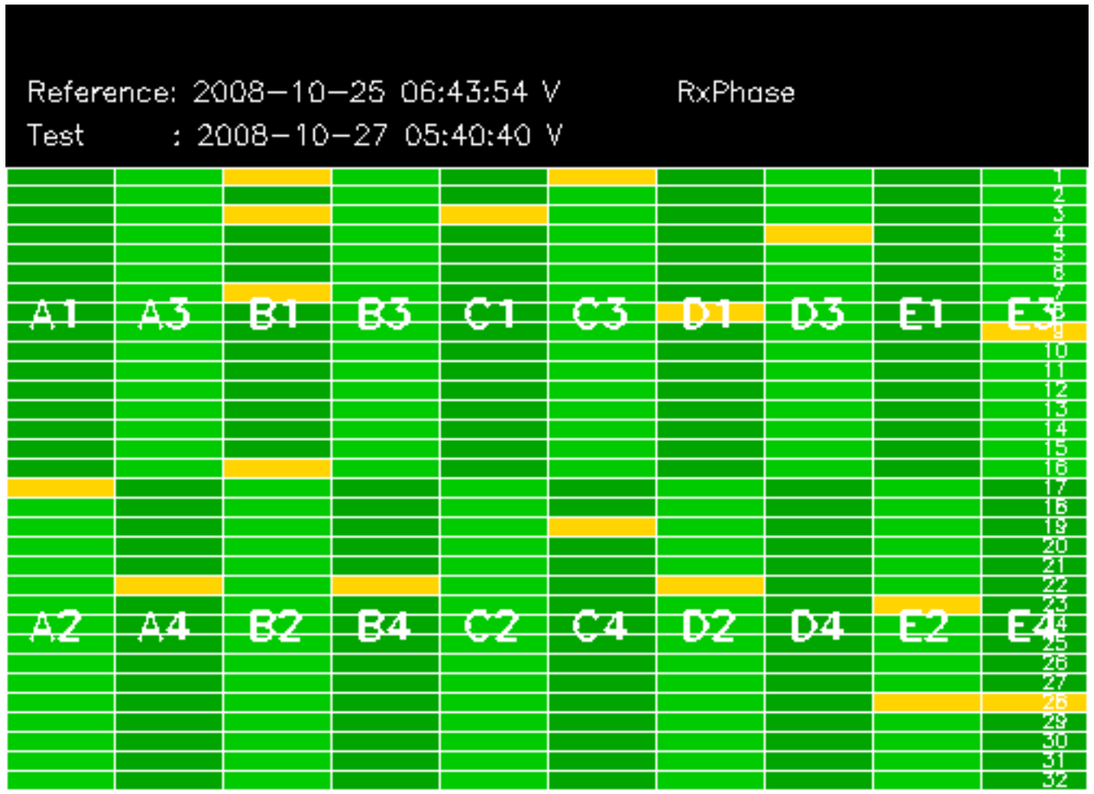
Reference: 2008-10-25 06:43:54 V
Test : 2008-10-27 05:40:40 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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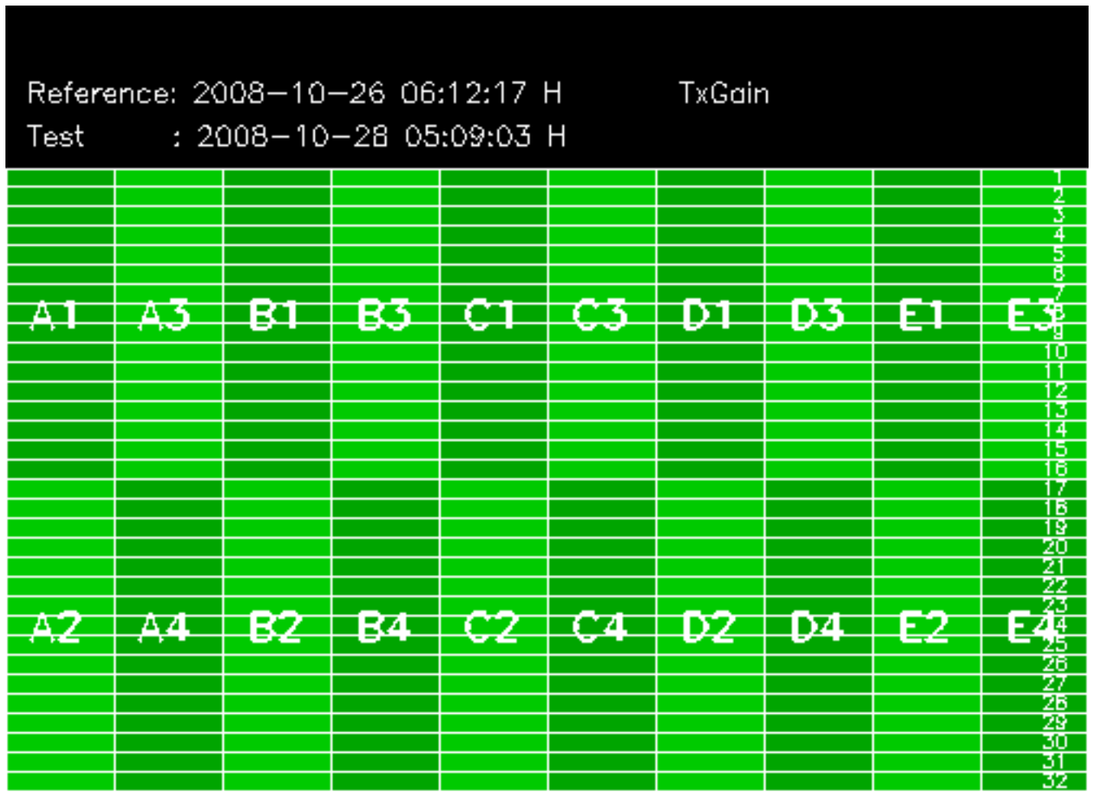
Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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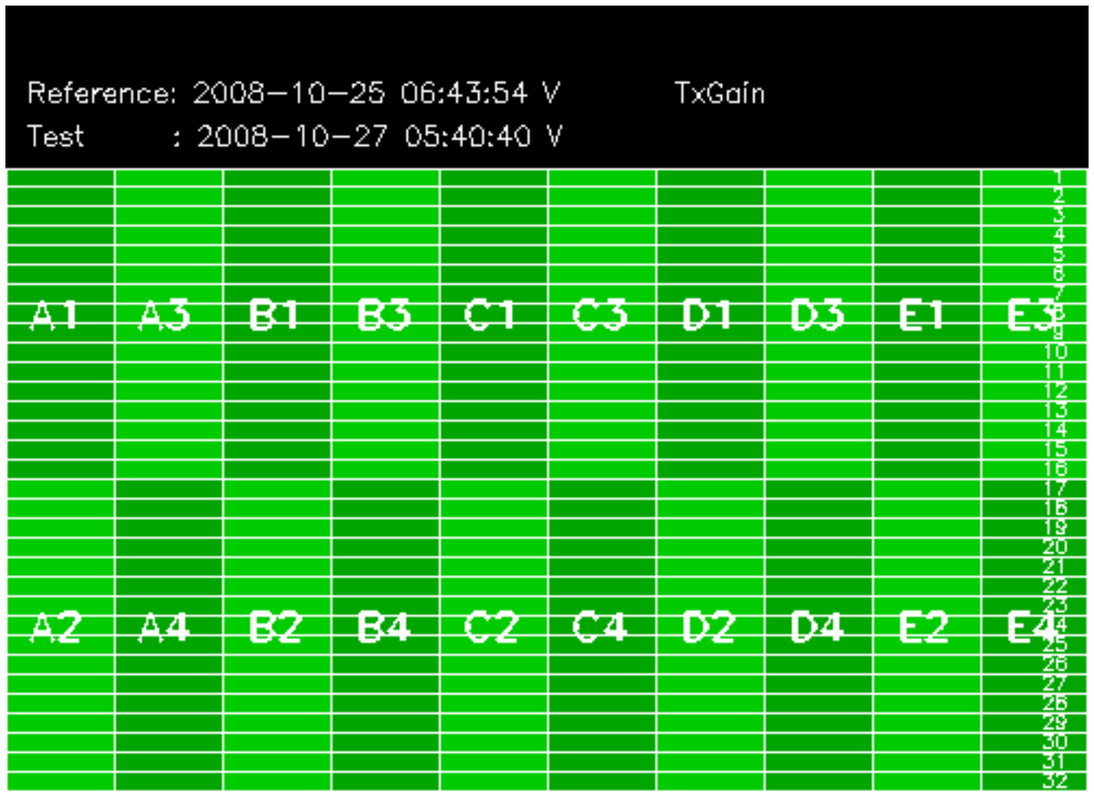
Reference: 2008-10-25 06:43:54 V
Test : 2008-10-27 05:40:40 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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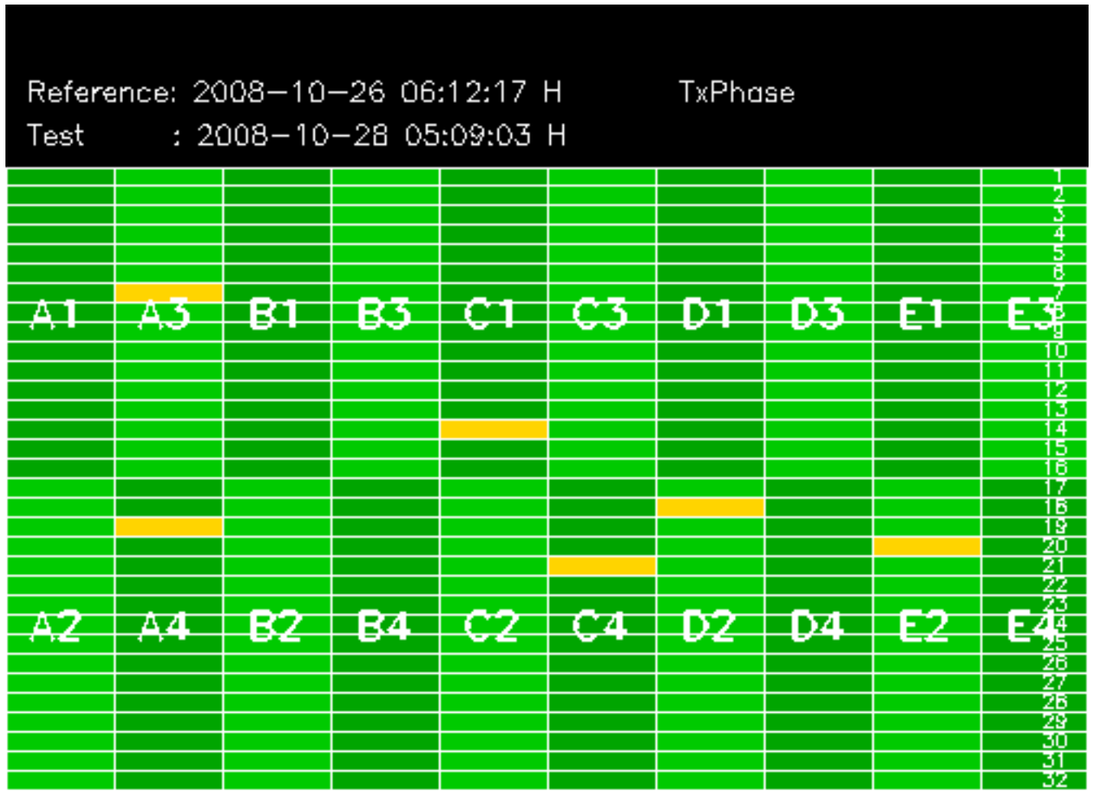
Reference: 2008-10-26 06:12:17 H
Test : 2008-10-28 05:09:03 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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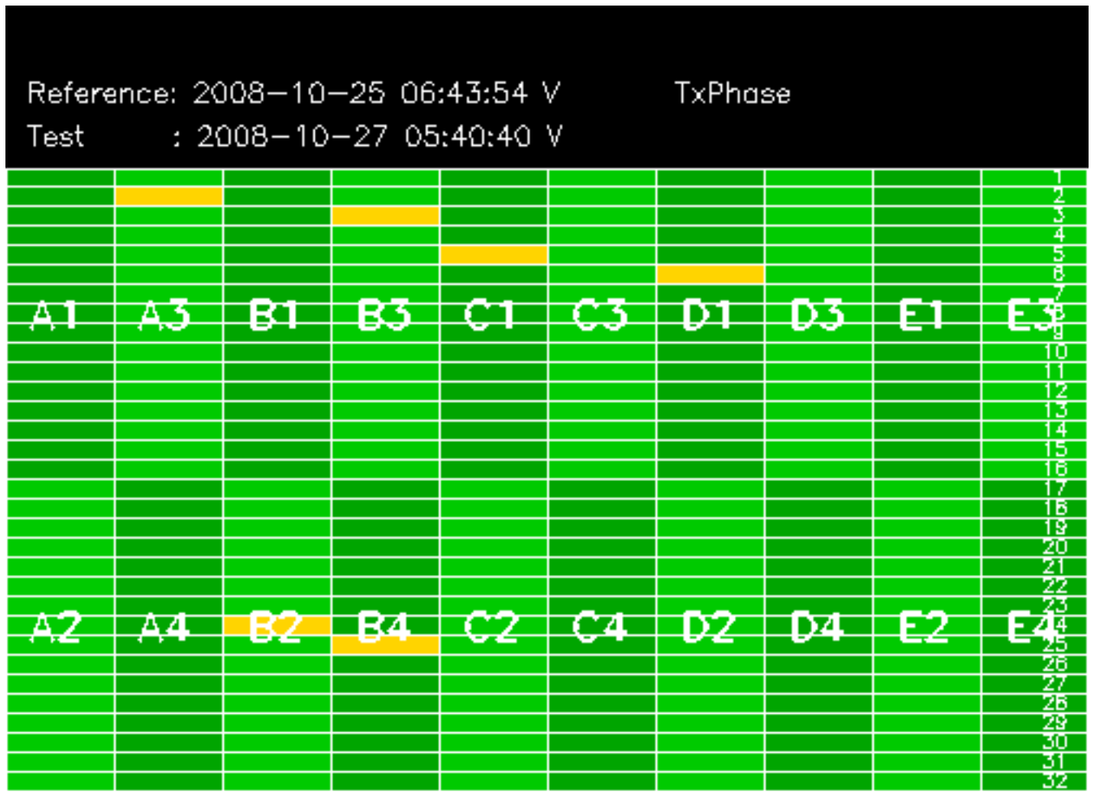
Reference: 2008-10-25 06:43:54 V
Test : 2008-10-27 05:40:40 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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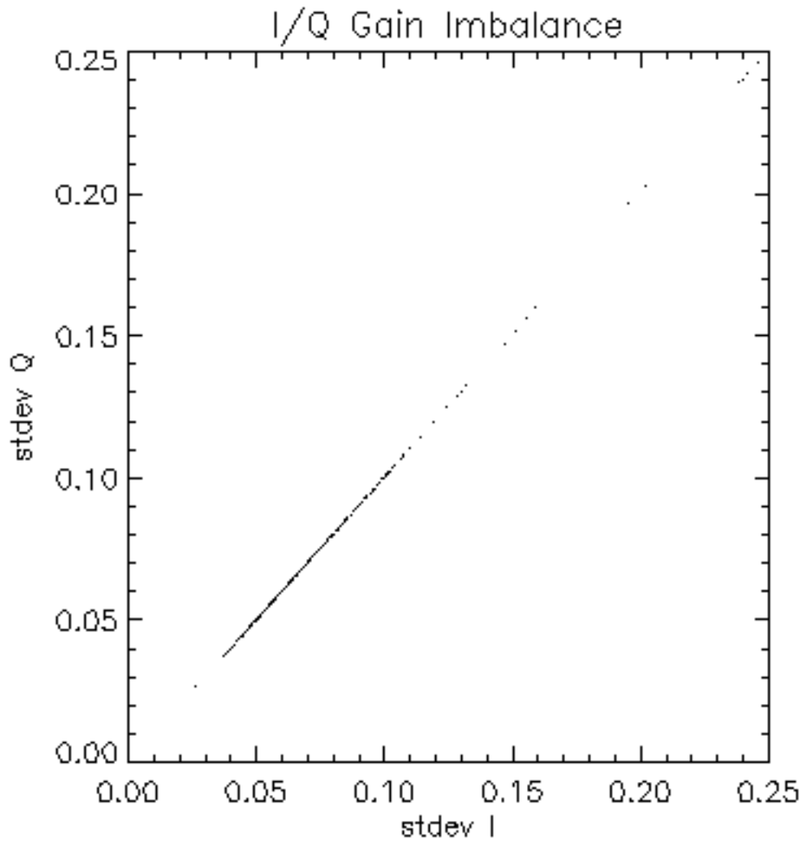
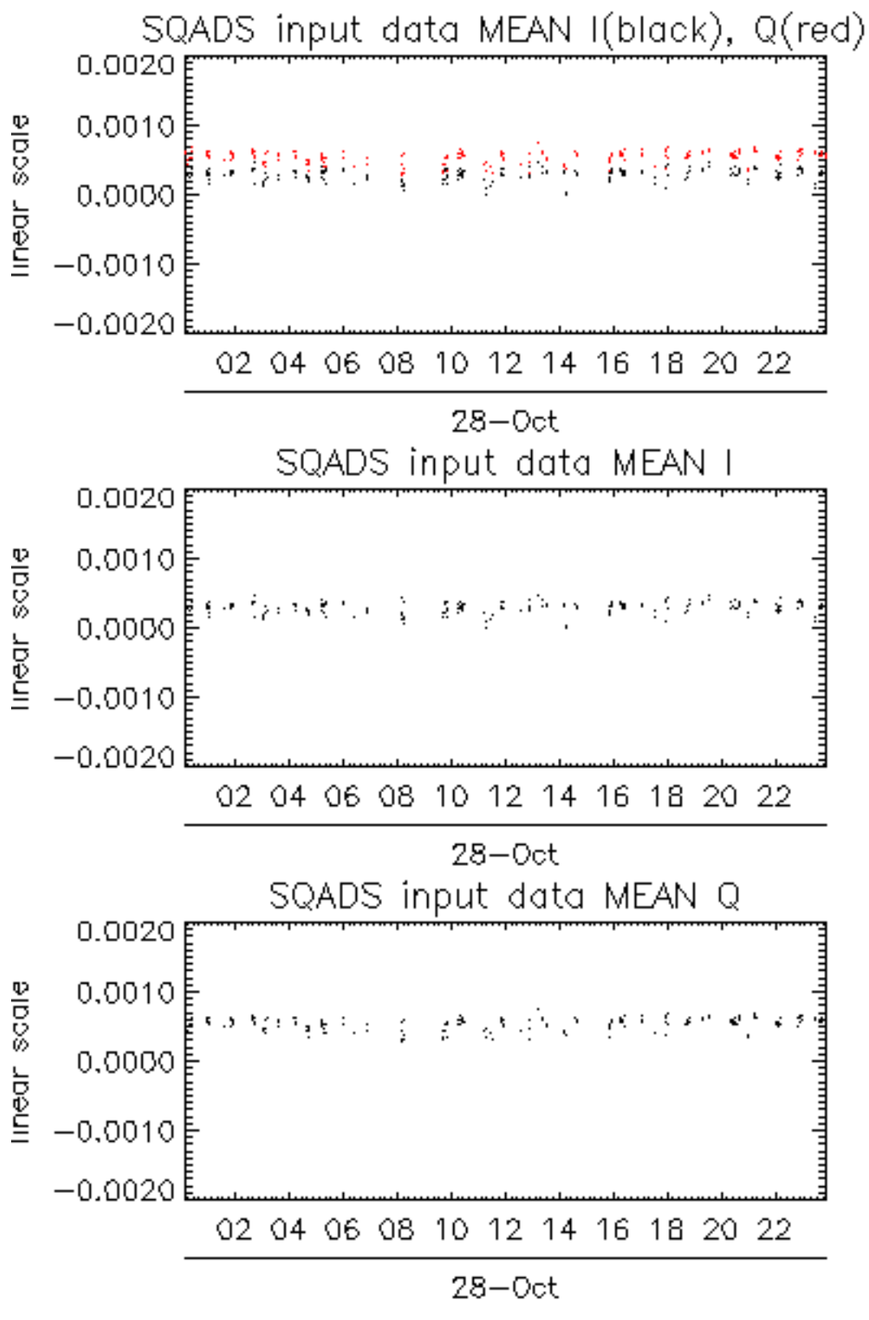
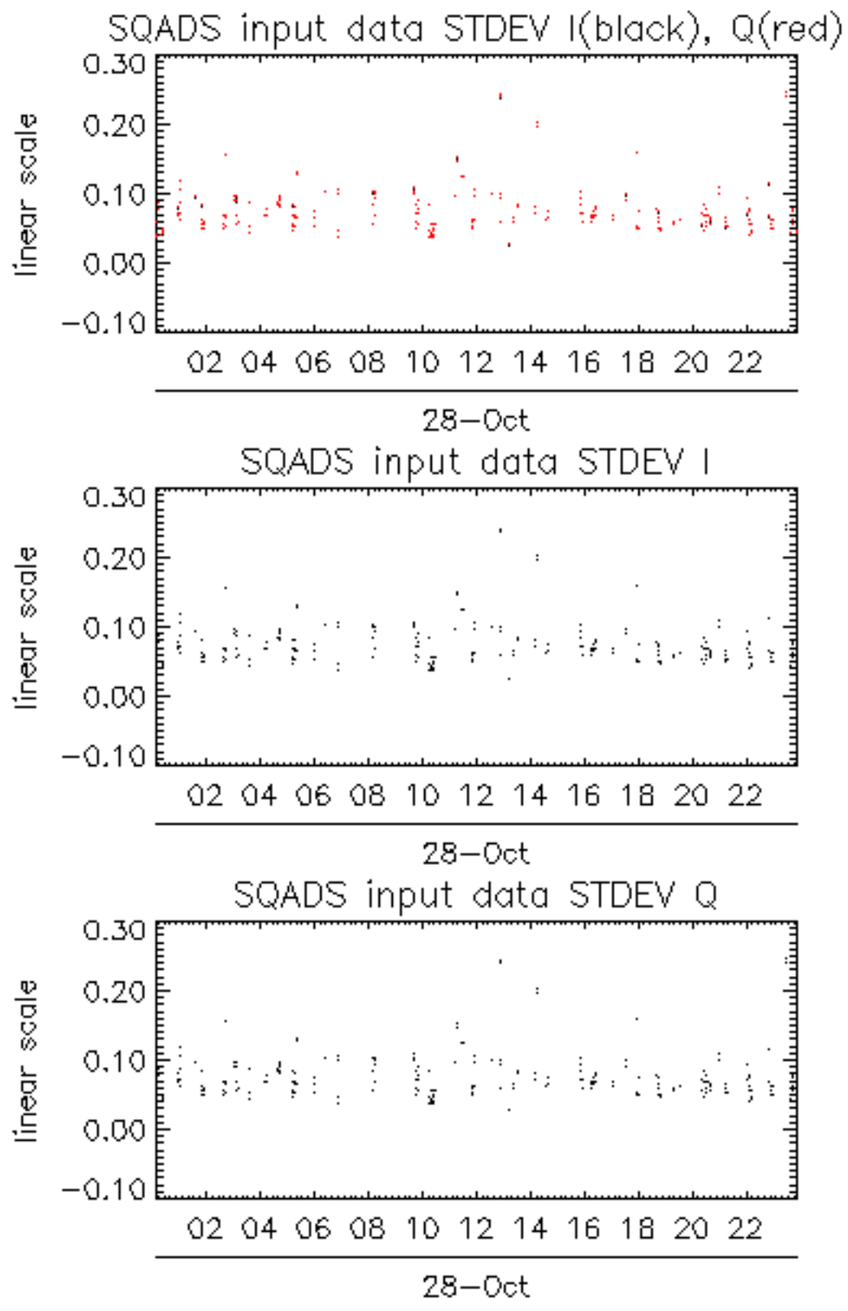
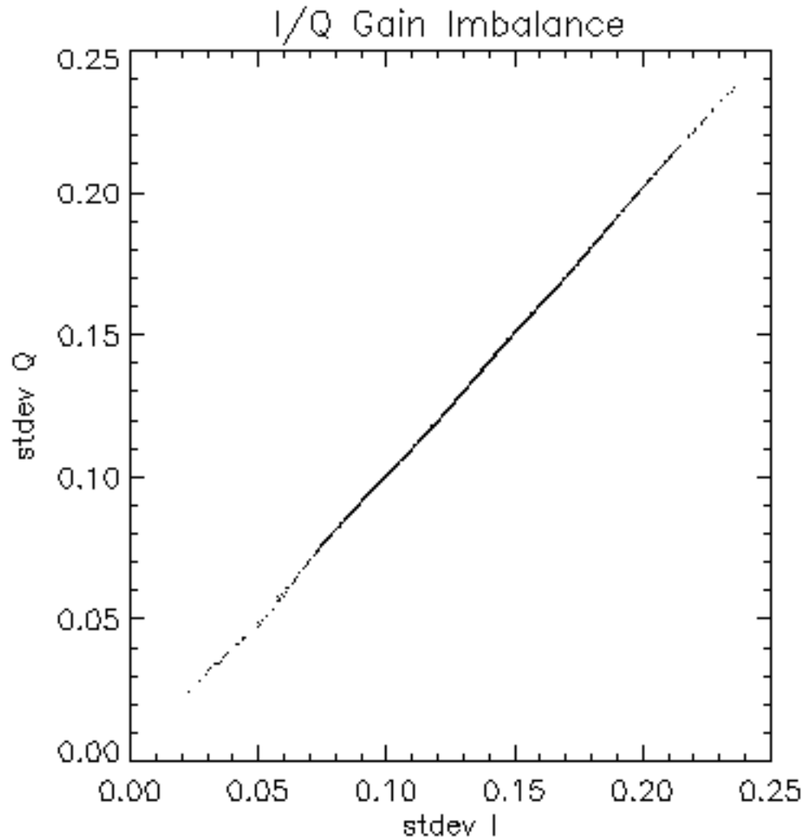
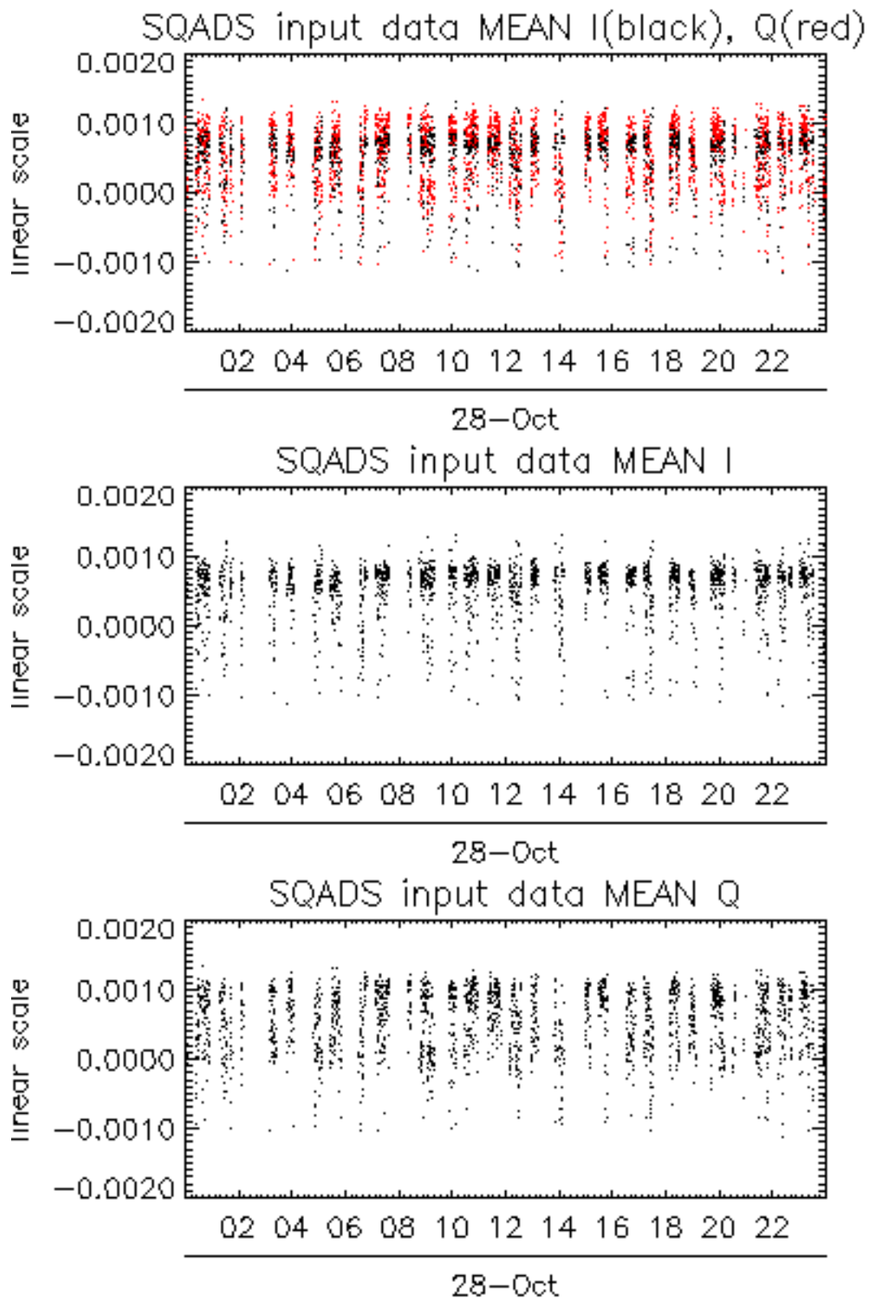
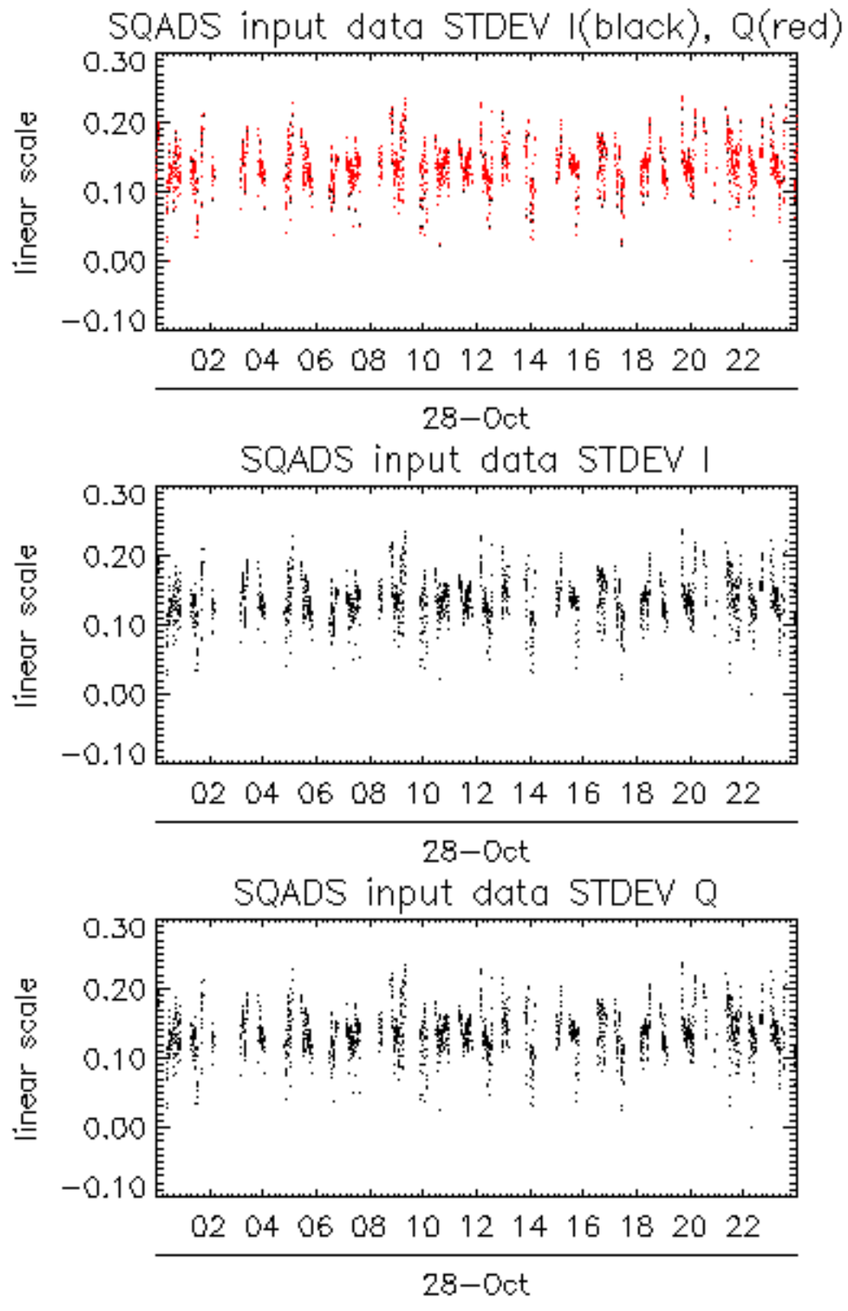

I/Q Gain Imbalance
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00
0.05
0.10
0.15
0.20
0.25
stdev I

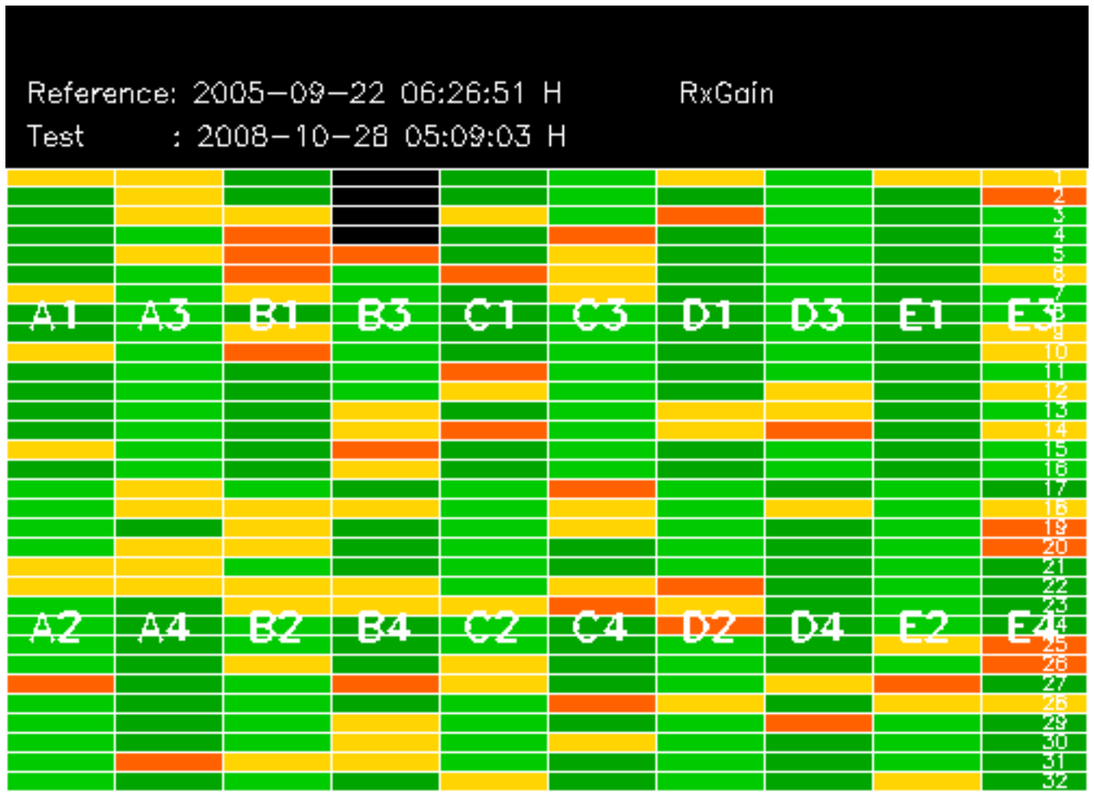

SQADS input data MEAN I(black), Q(red)
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data MEAN I
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data MEAN Q
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct

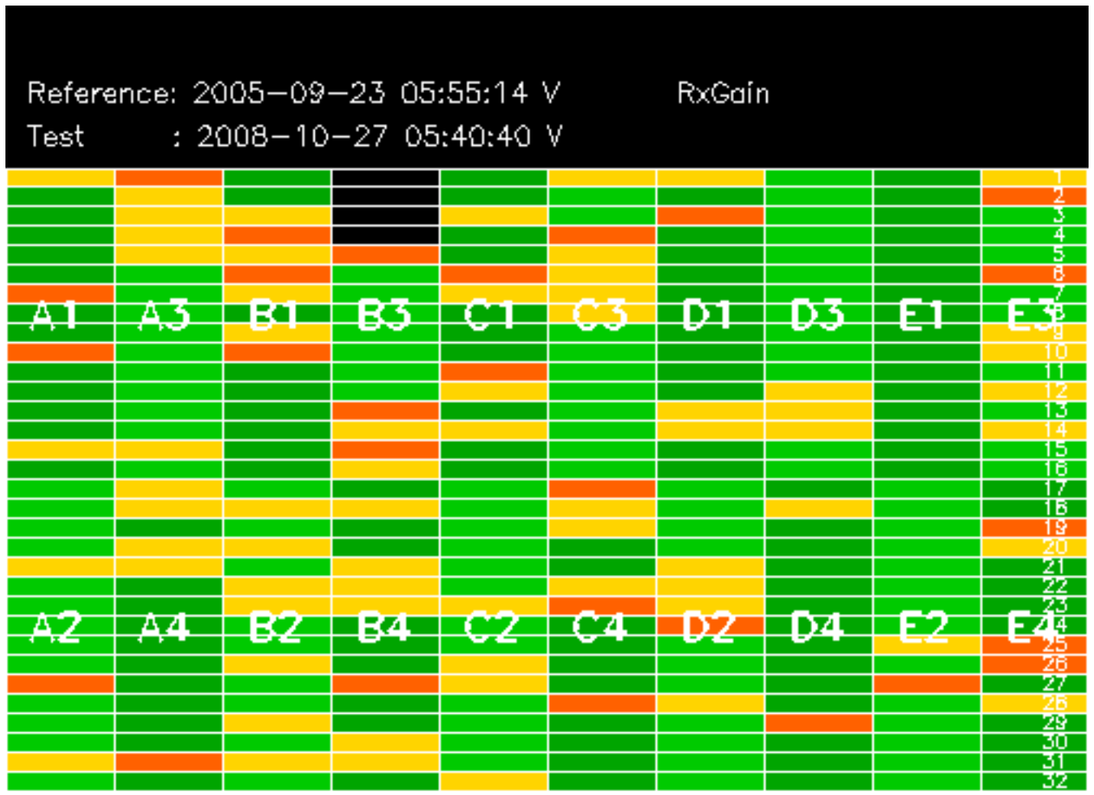

SQADS input data STDEV I(black), Q(red)
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data STDEV I
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data STDEV Q
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct

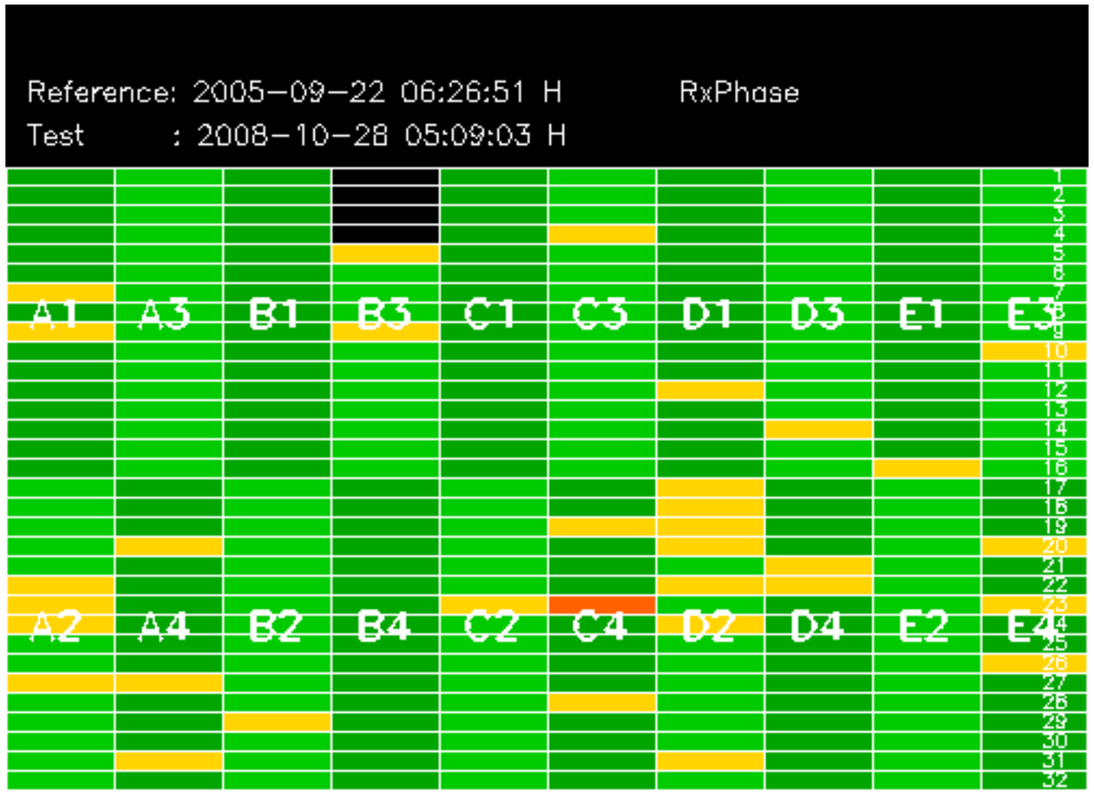

I/Q Gain Imbalance
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00
0.05
0.10
0.15
0.20
0.25
stdev I


SQADS input data MEAN I(black), Q(red)
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data MEAN I
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data MEAN Q
linear scale
0.0020
0.0010
0.0000
−0.0010
−0.0020
02 04 06 08 10 12 14 16 18 20 22
28−Oct


SQADS input data STDEV I(black), Q(red)
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data STDEV I
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct
SQADS input data STDEV Q
linear scale
0.30
0.20
0.10
0.00
−0.10
02 04 06 08 10 12 14 16 18 20 22
28−Oct


Reference: 2005-09-22 06:26:51 H
RxGain
Test : 2008-10-28 05:09:03 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2008-10-27 05:40:40 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2008-10-28 05:09:03 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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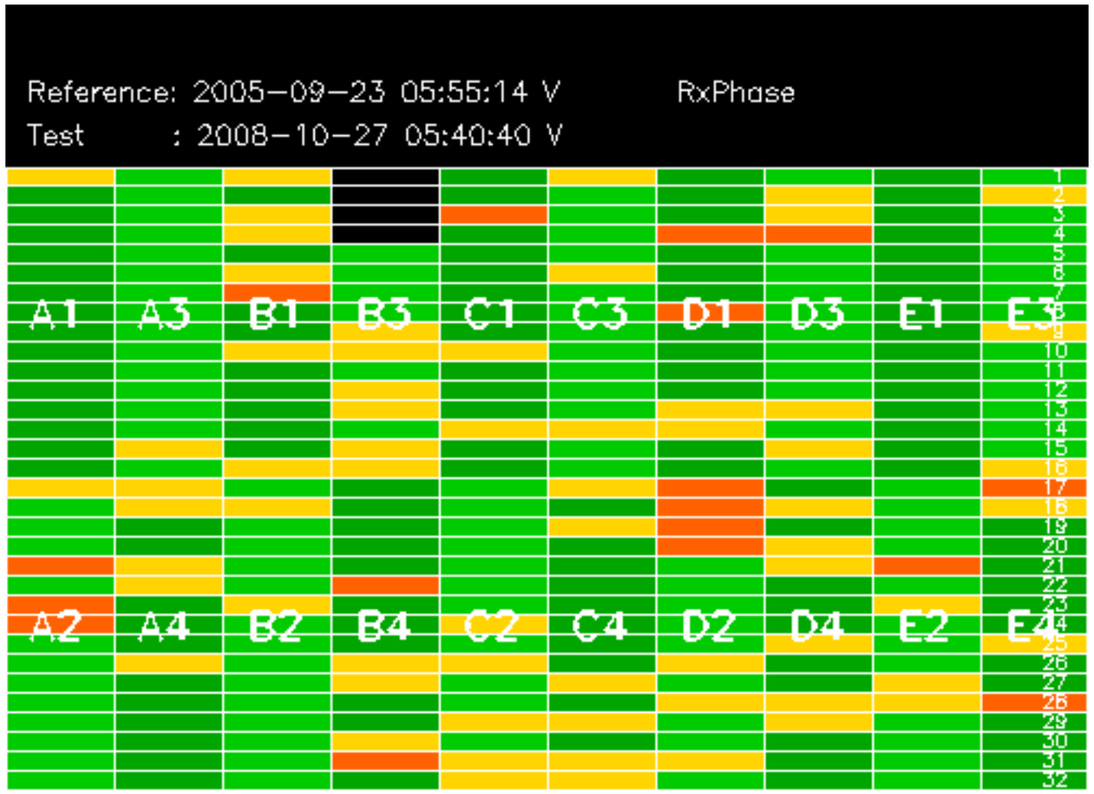
Reference: 2005-09-23 05:55:14 V
Test : 2008-10-27 05:40:40 V
RxPhase
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A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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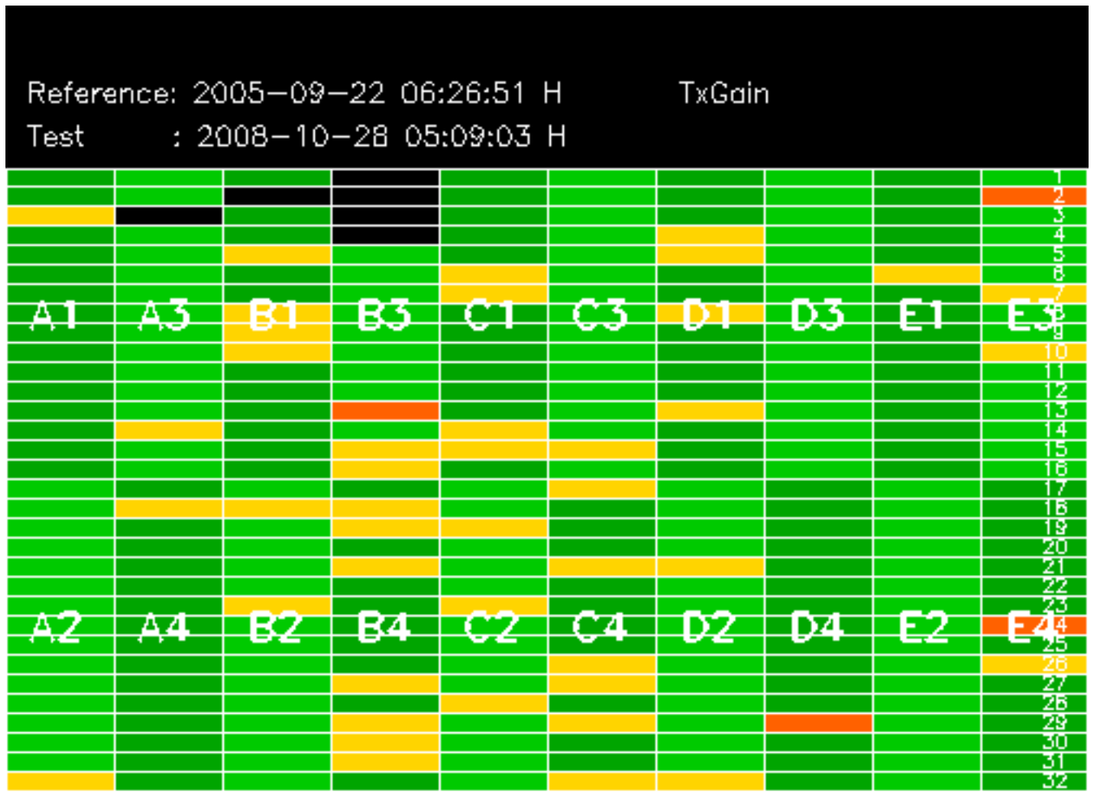
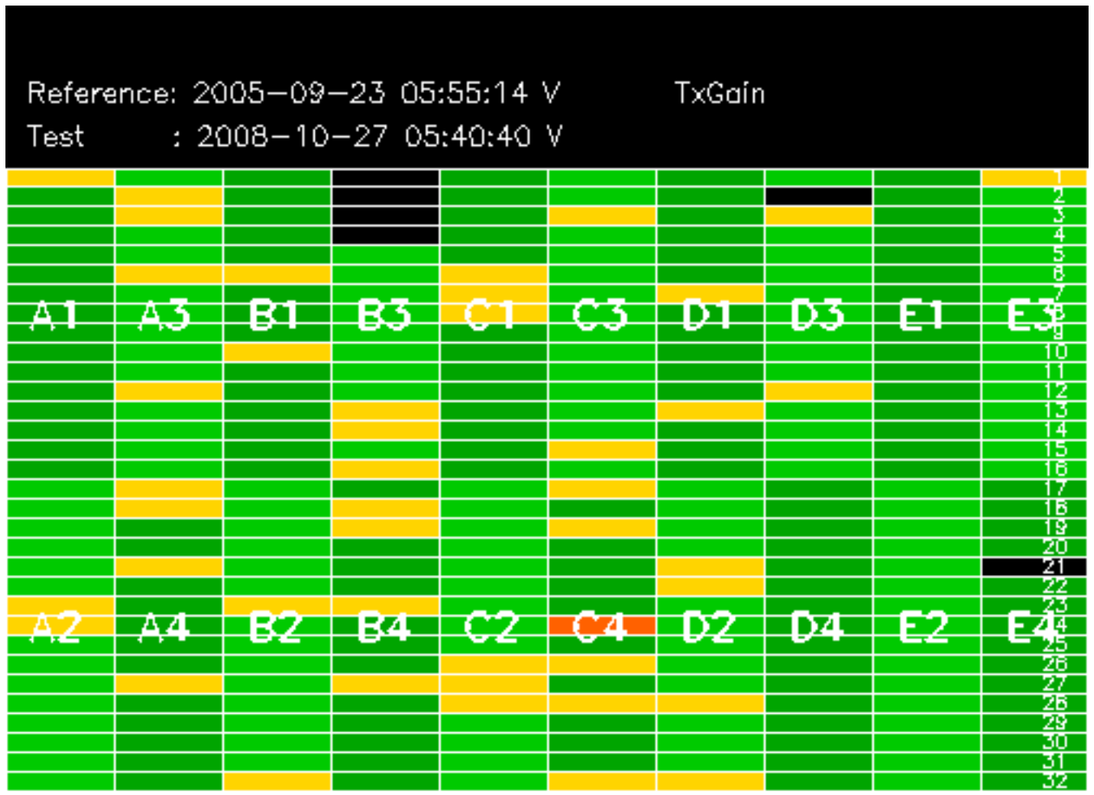

Reference: 2005-09-22 06:26:51 H
Test : 2008-10-28 05:09:03 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2008-10-27 05:40:40 V
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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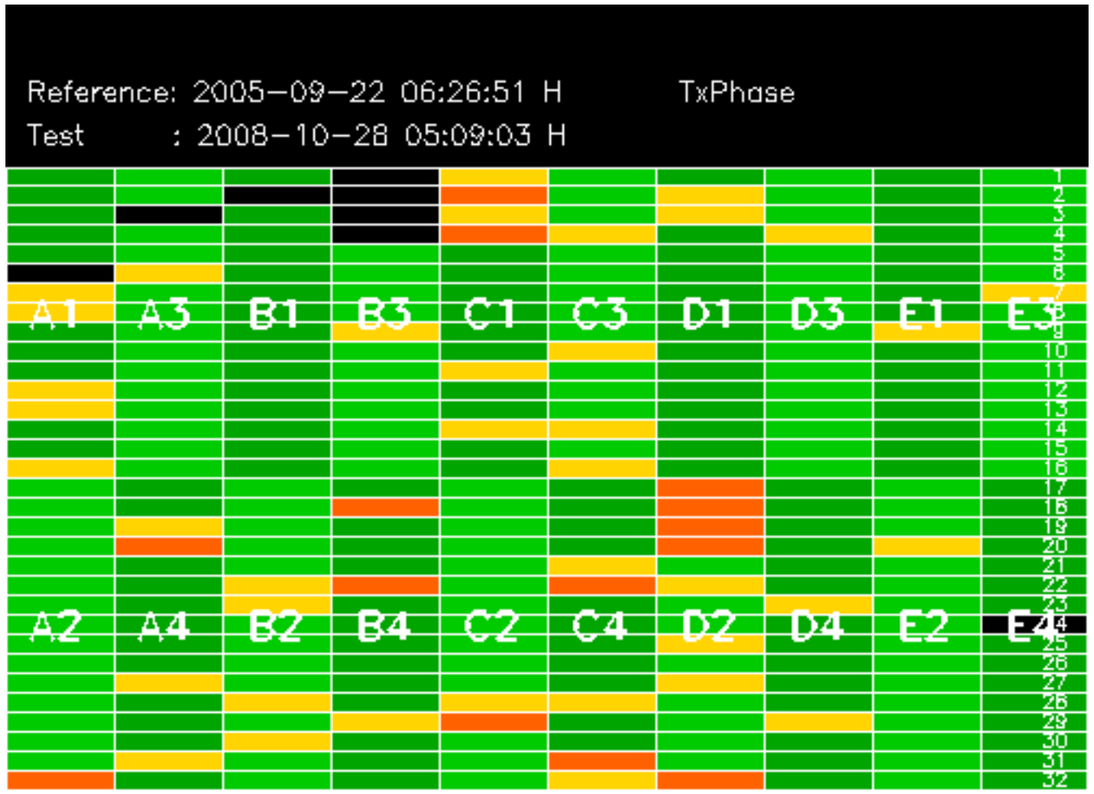
Reference: 2005-09-22 06:26:51 H
Test : 2008-10-28 05:09:03 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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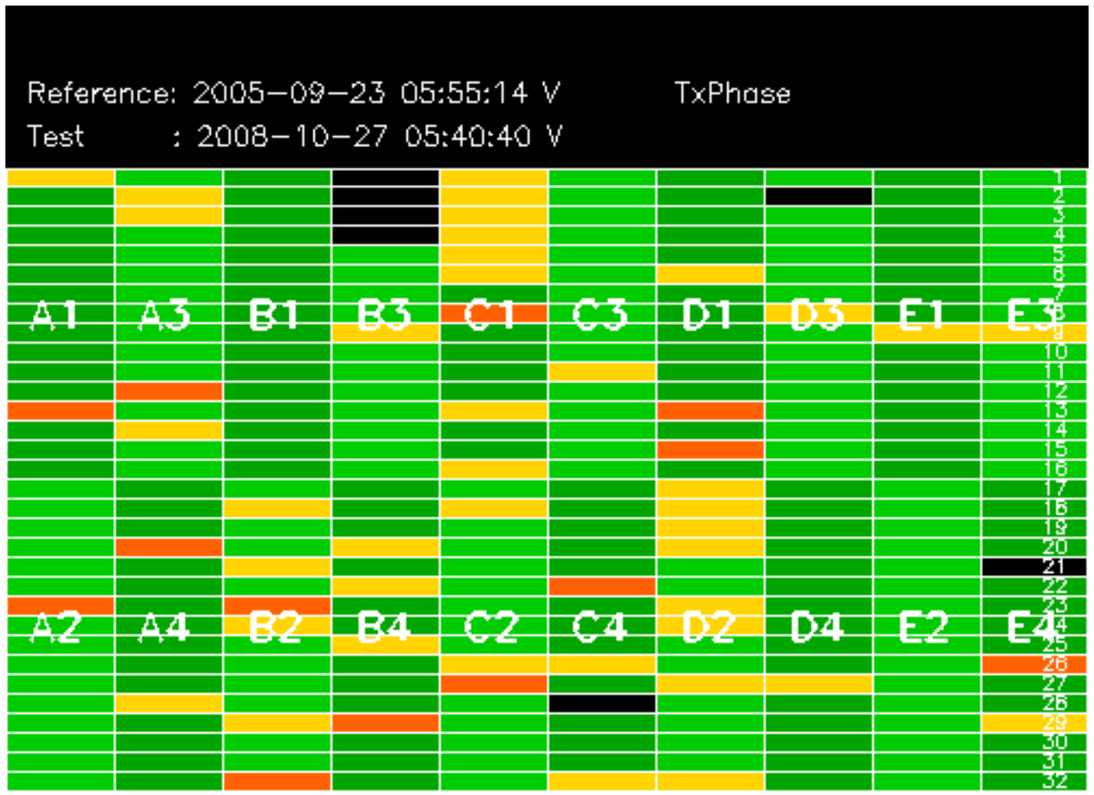
Reference: 2005-09-23 05:55:14 V
Test : 2008-10-27 05:40:40 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
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D4
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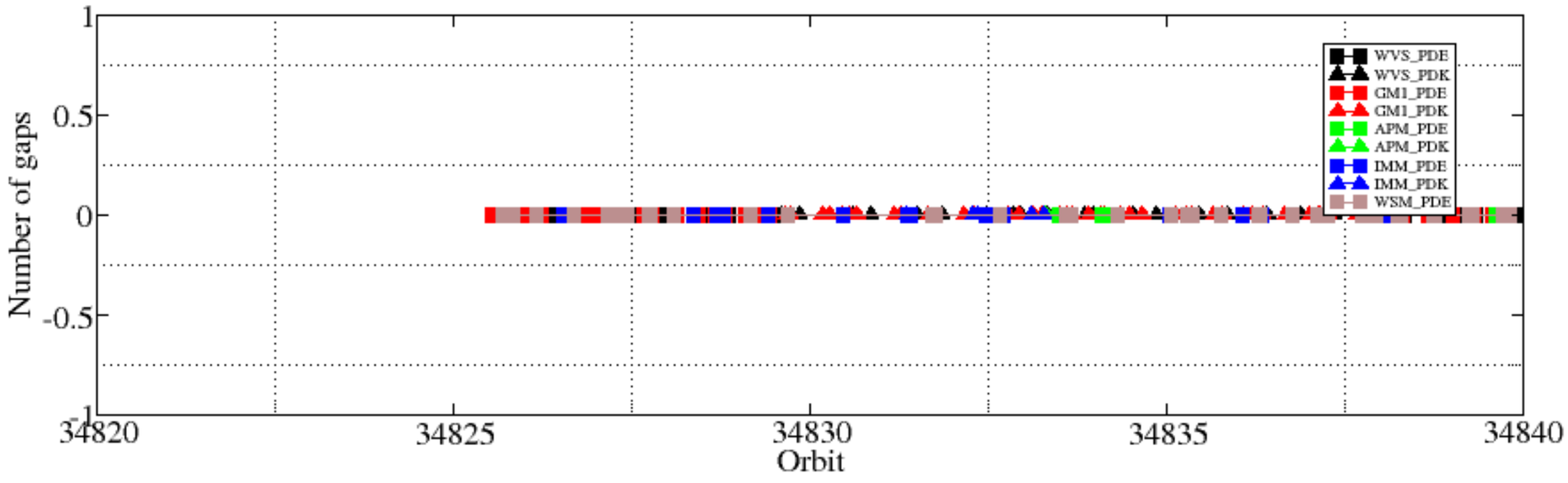
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE
Number of gaps
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0
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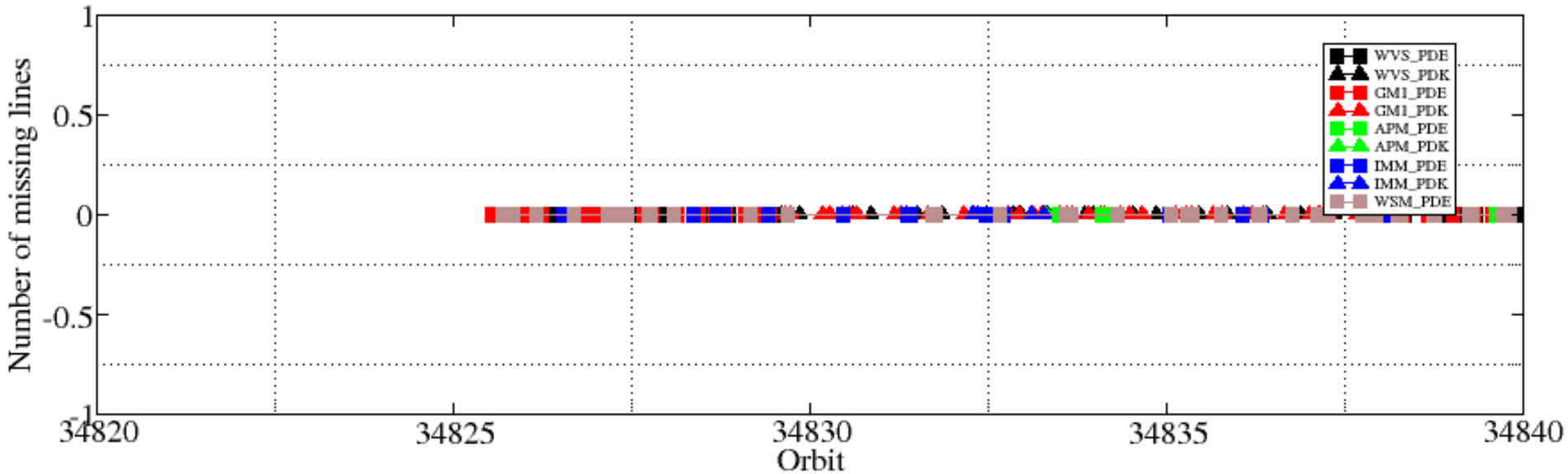
-1
34820
34825
34830
34835
34840
Orbit


Number of missing lines
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-1
34820
34825
34830
34835
34840
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE