Analysis from 17-MAR-2010 00:00:00 to 17-MAR-2010 23:59:59. Page generated on 18-MAR-2010 08:32:31.
View log file: ASAR_Daily_Report_20100318_0831.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

[BACK TO MENU]

WVS			
Center	Beam	Pol	#
PDE	IS2	V/V	31
PDK	IS2	V/V	23

GM1			
Center	Beam	Pol	#
PDE	WS	H/H	35
PDK	WS	H/H	37

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

IMM			
Center	Beam	Pol	#
PDE	IS1	V/V	1
PDE	IS2	H/H	1
PDE	IS2	V/V	15
PDE	IS4	H/H	1
PDE	IS4	V/V	1
PDE	IS6	H/H	1
PDE	IS6	V/V	1
PDK	IS2	H/H	1
PDK	IS2	V/V	3
PDK	IS6	V/V	1

WSM			
Center	Beam	Pol	#
PDE	WS	H/H	21
PDE	WS	V/V	8
PDK	WS	H/H	19
PDK	WS	V/V	1

MS			
Center	Time	Pol	Modules
PDK	2010-03-17 07:18:18	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_AXVIEC20091217_101713_20070204_165113_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100315_123052_20090501_000000_20110101_000000

2.2 - Products with wrong ADFs

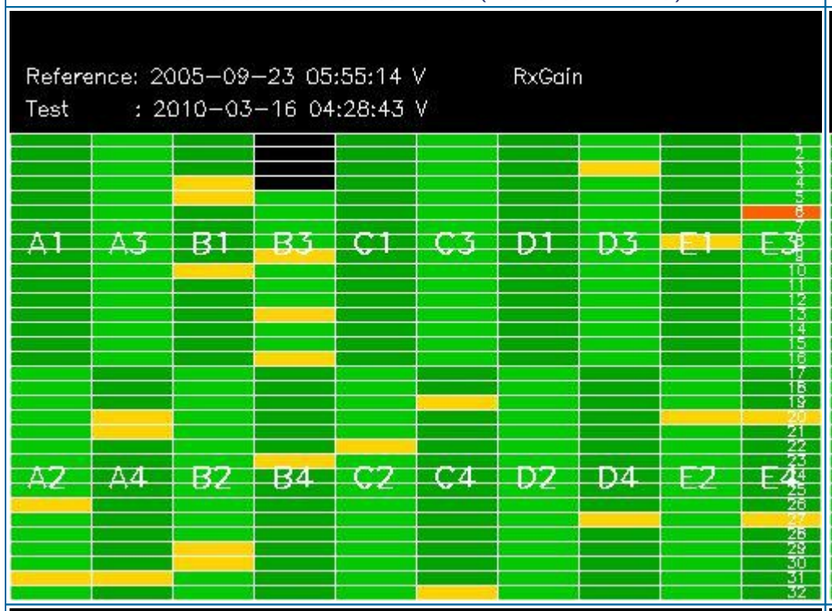
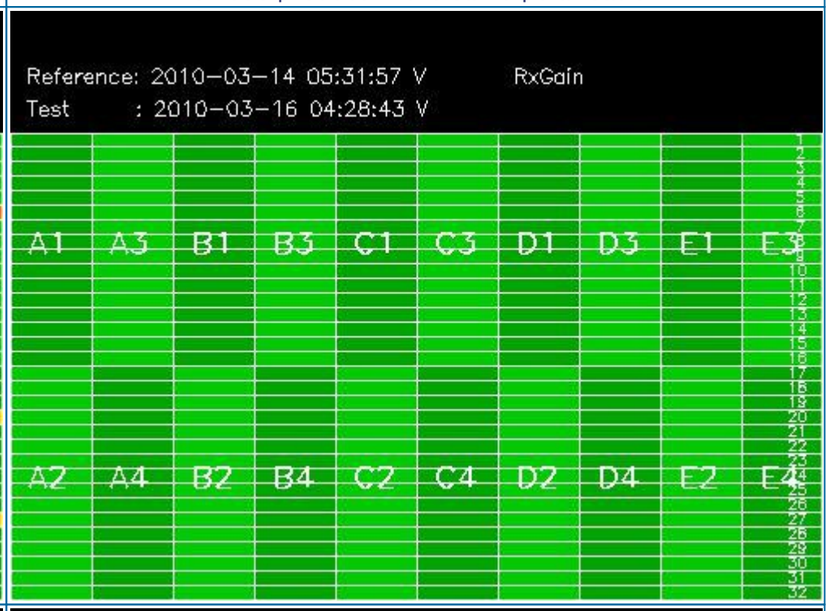
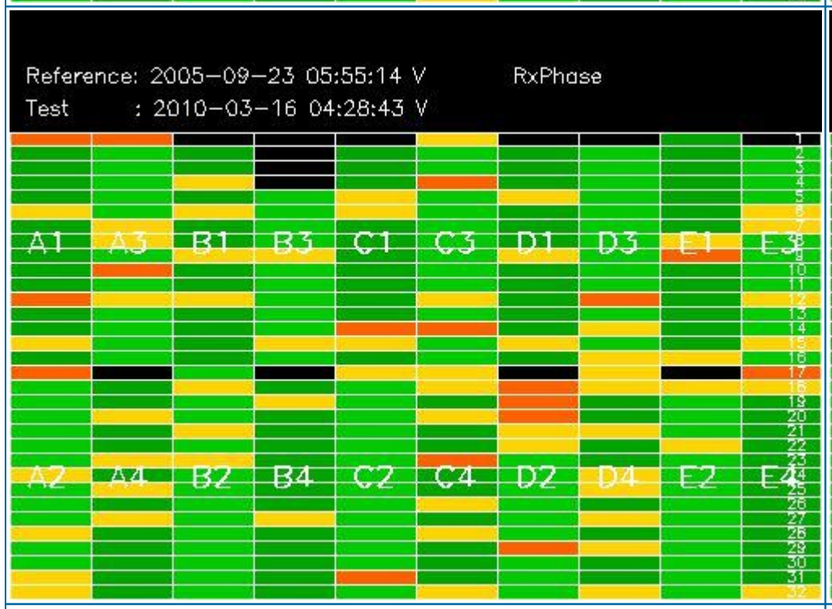
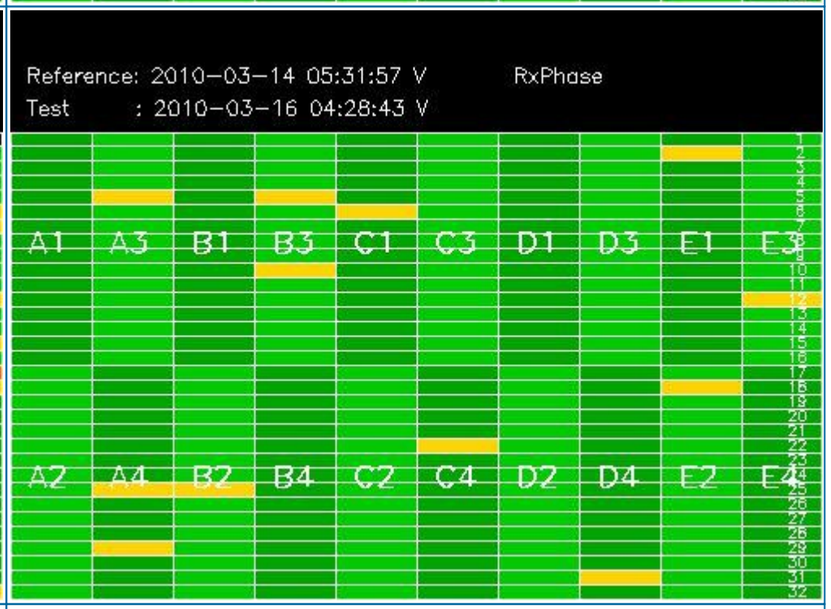
[BACK TO MENU]

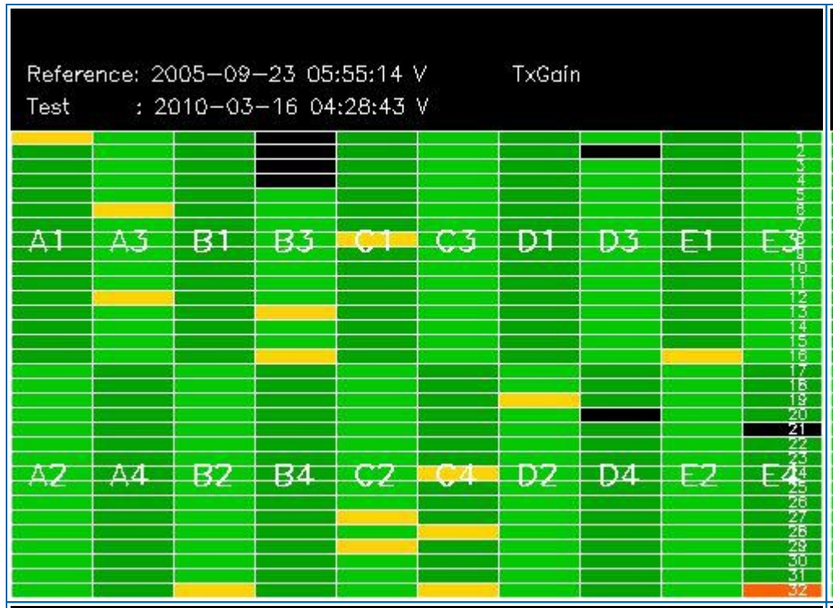
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

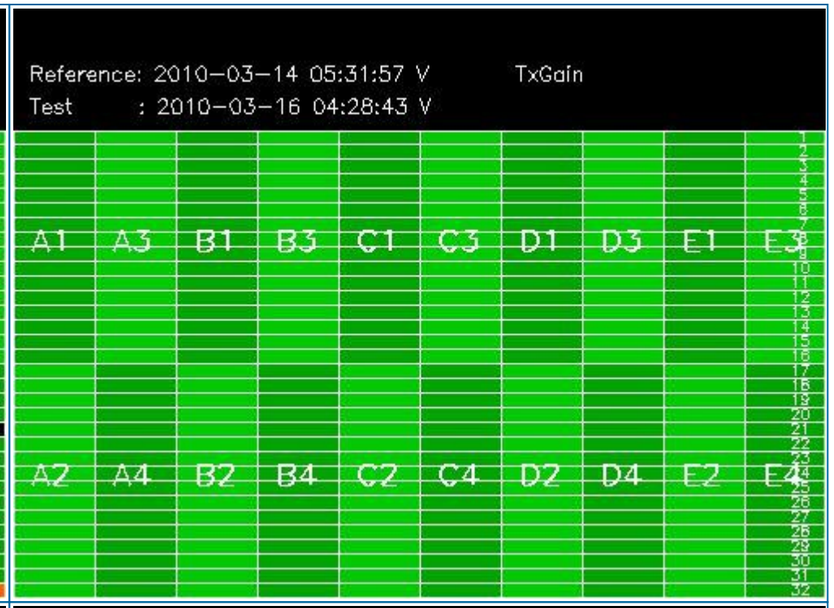
[TXT] [XLS] Check_ADFs_WVS

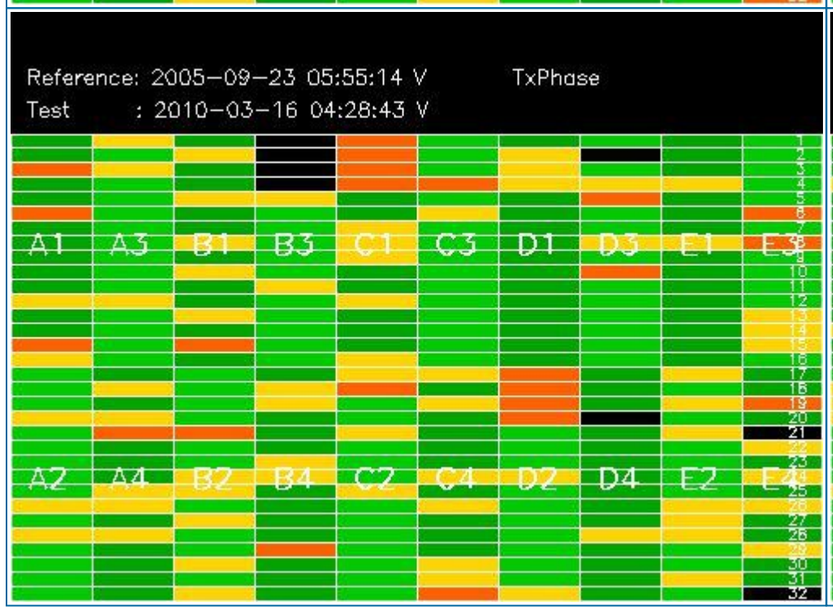
[TXT] [XLS] Check_ADFs_GM1
[TXT] [XLS] Check_ADFs_APM
[TXT] [XLS] Check_ADFs_IMM
[TXT] [XLS] Check_ADFs_WSM

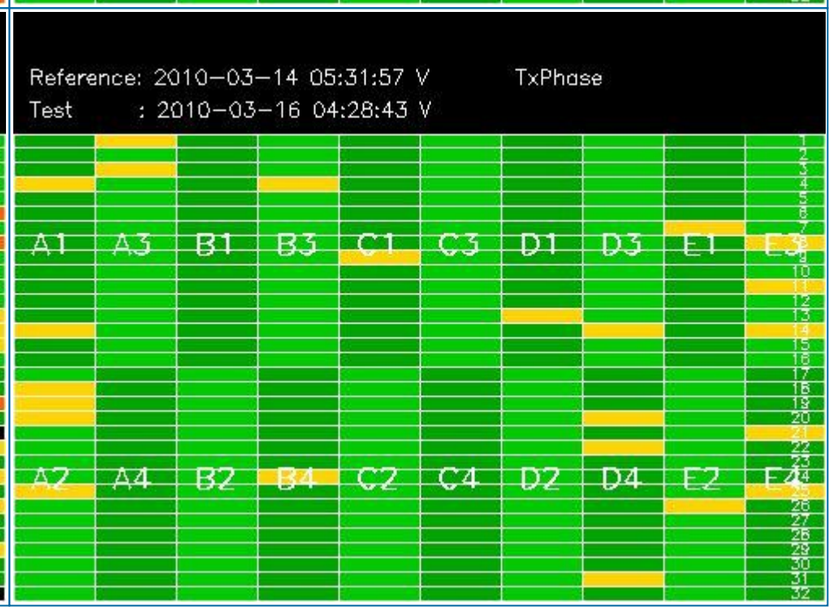
3 - MODULE STEPPING PRODUCTS ANALYSIS

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





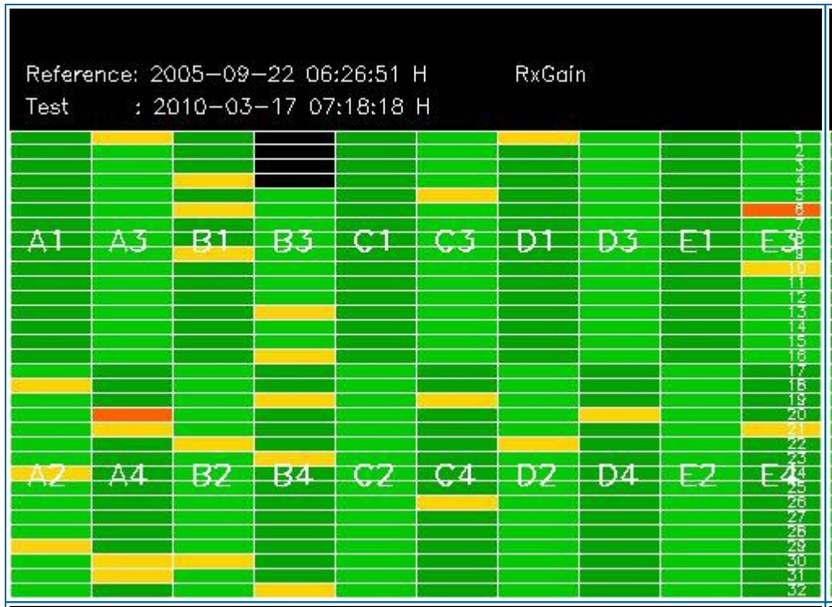


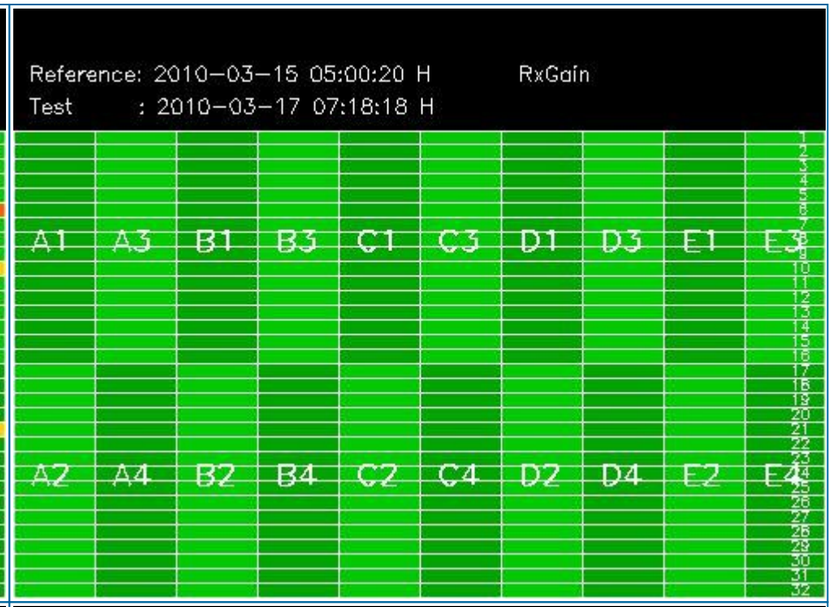


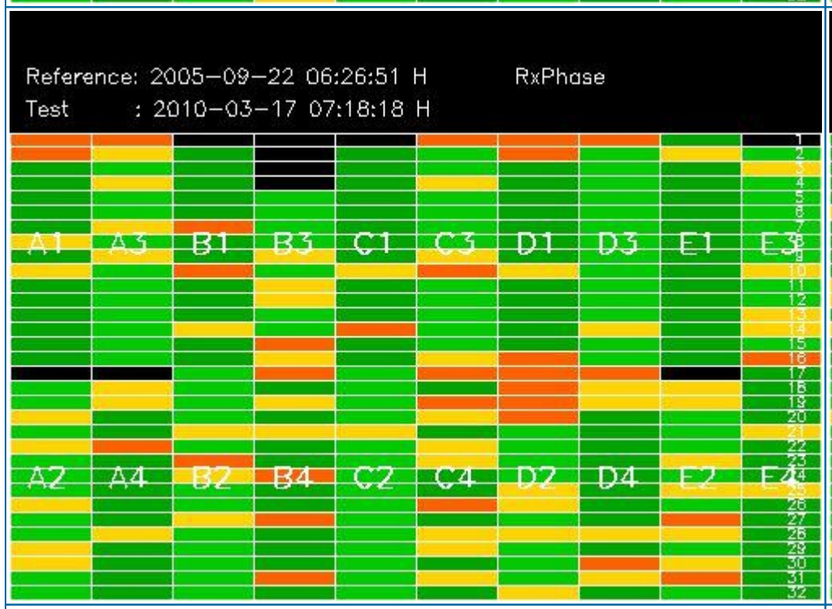
3.2 - H/H polarisation

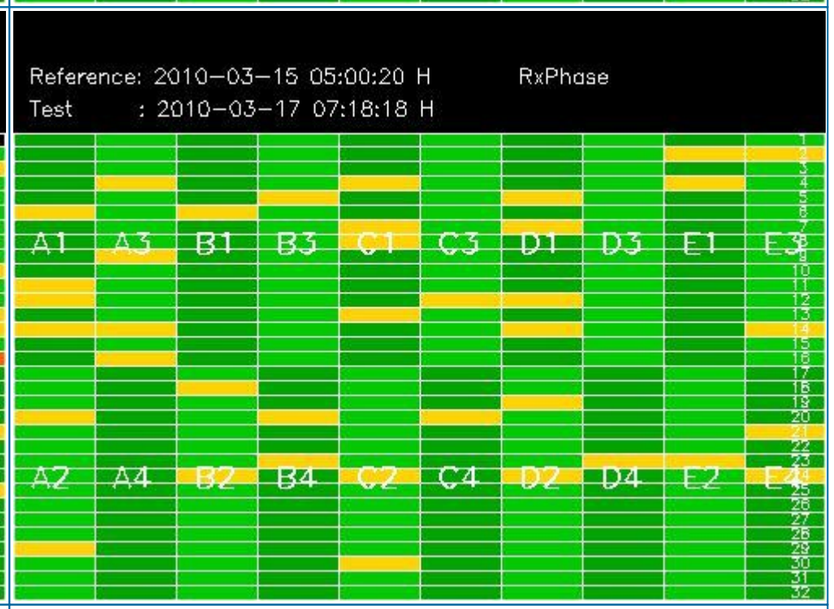
[BACK TO MENU]

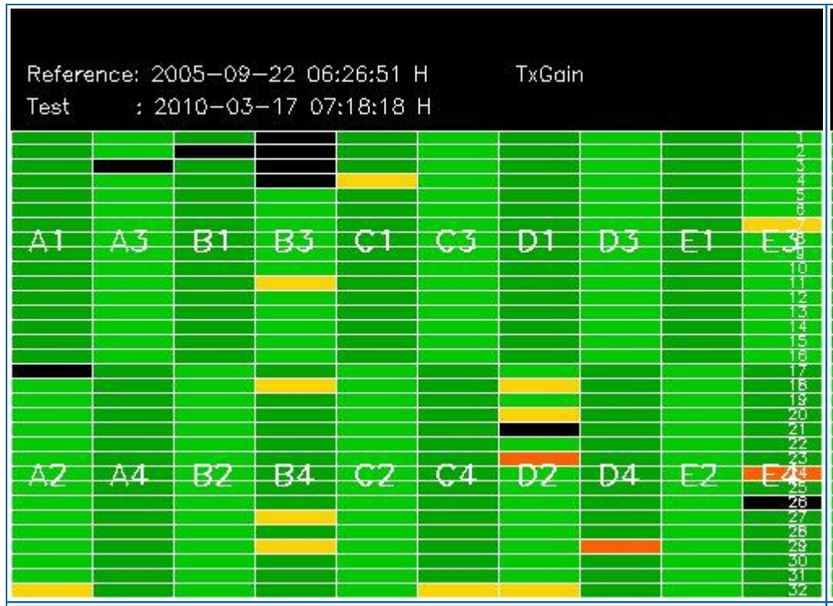
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

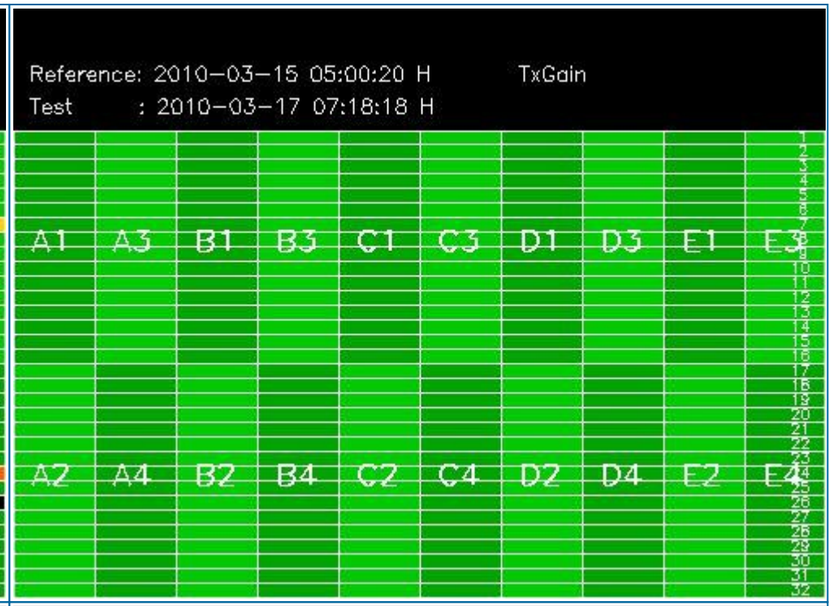

Reference: 2005-09-22 06:26:51 H
RxGain
Test : 2010-03-17 07:18:18 H
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

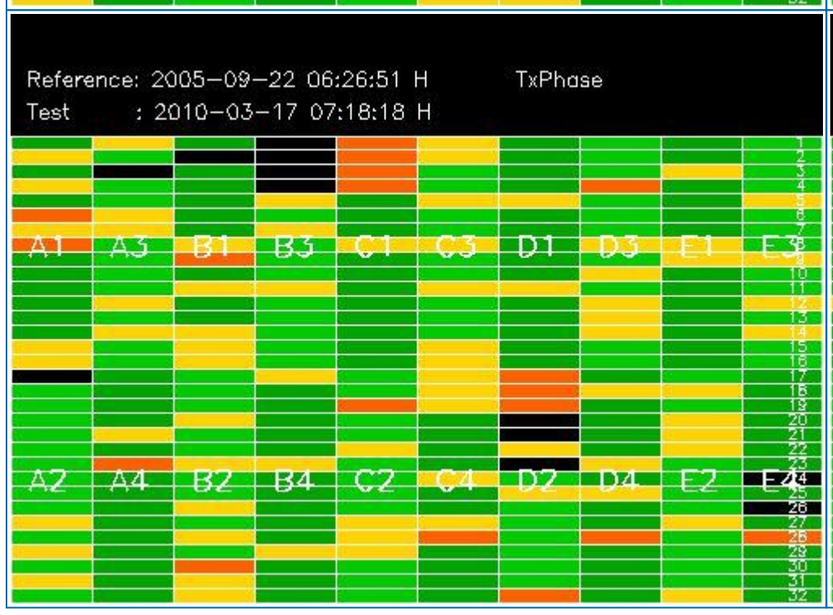

Reference: 2010-03-15 05:00:20 H
RxGain
Test : 2010-03-17 07:18:18 H
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4

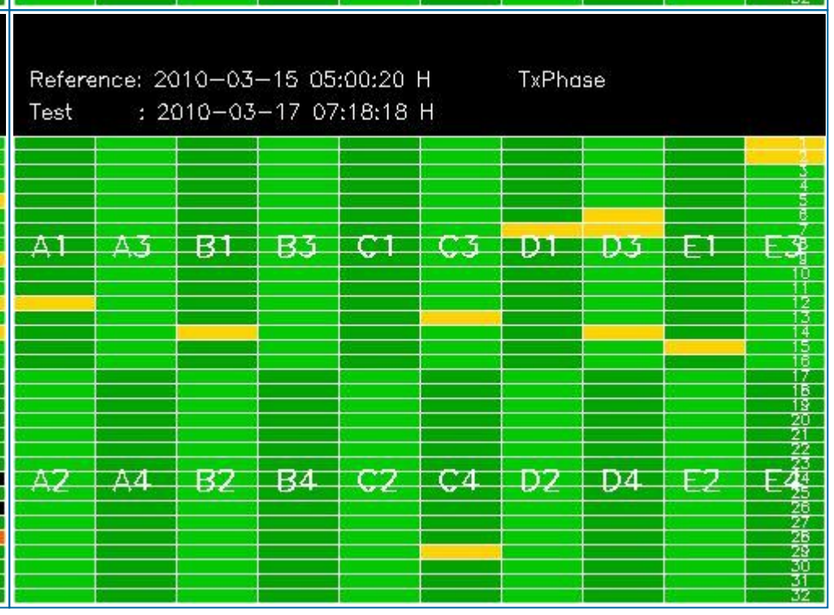

Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2010-03-17 07:18:18 H
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4


Reference: 2010-03-15 05:00:20 H
RxPhase
Test : 2010-03-17 07:18:18 H
A1 A3 B1 B3 C1 C3 D1 D3 E1 E3
A2 A4 B2 B4 C2 C4 D2 D4 E2 E4









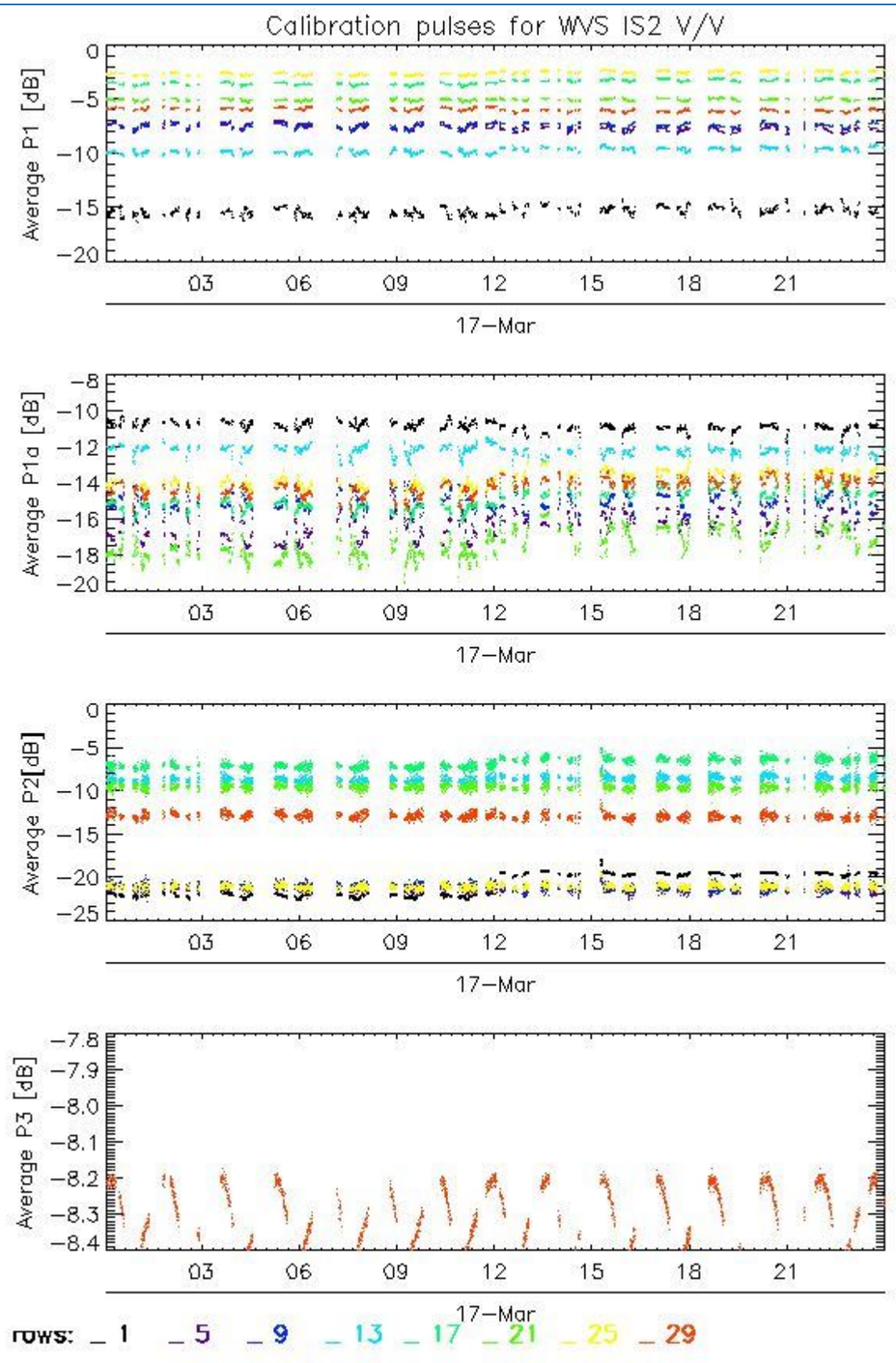
4 - CALIBRATION PULSES ANALYSIS

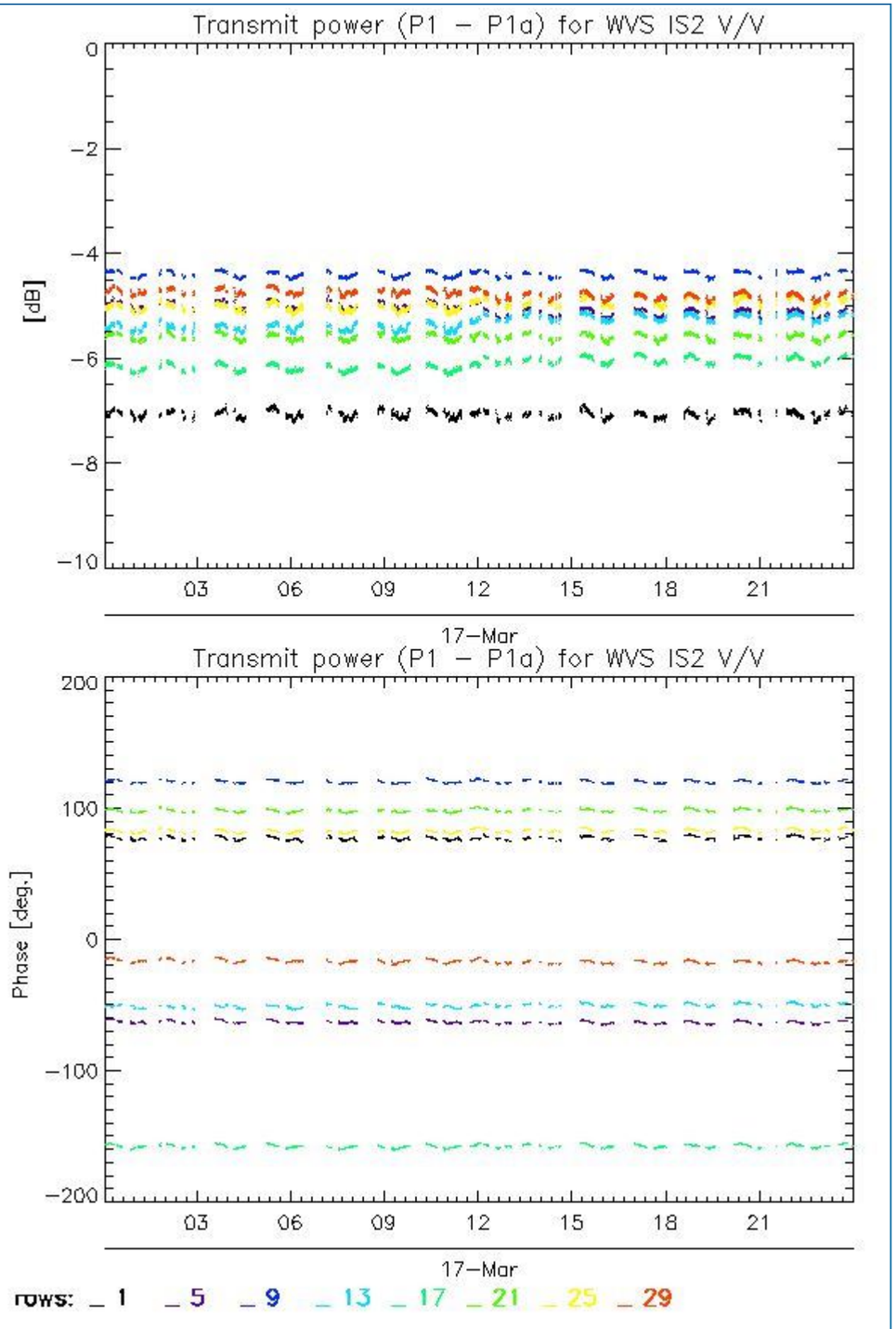
4.1 - Analysis for WVS IS2 V/V

4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

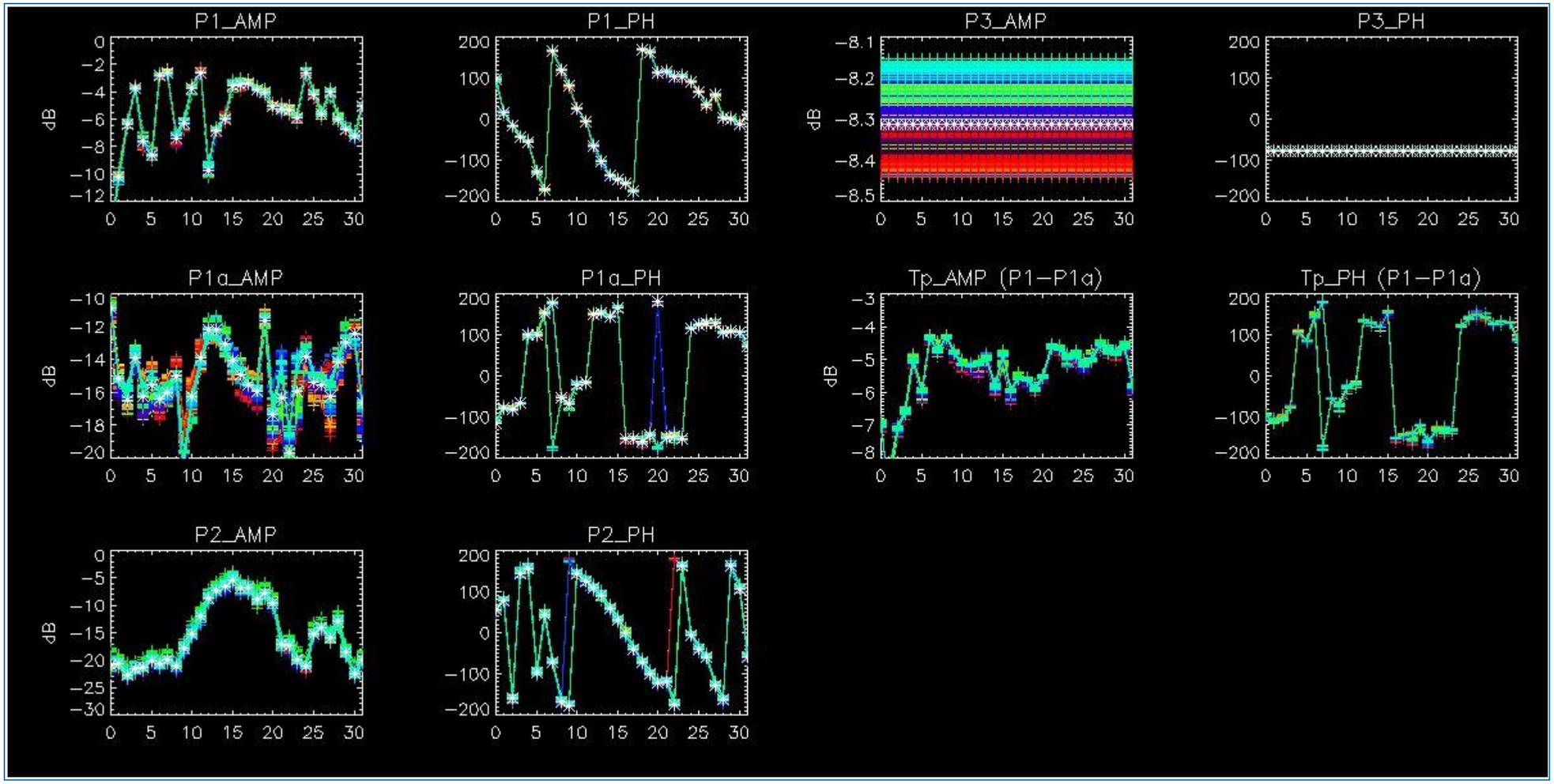
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





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

[BACK TO MENU]

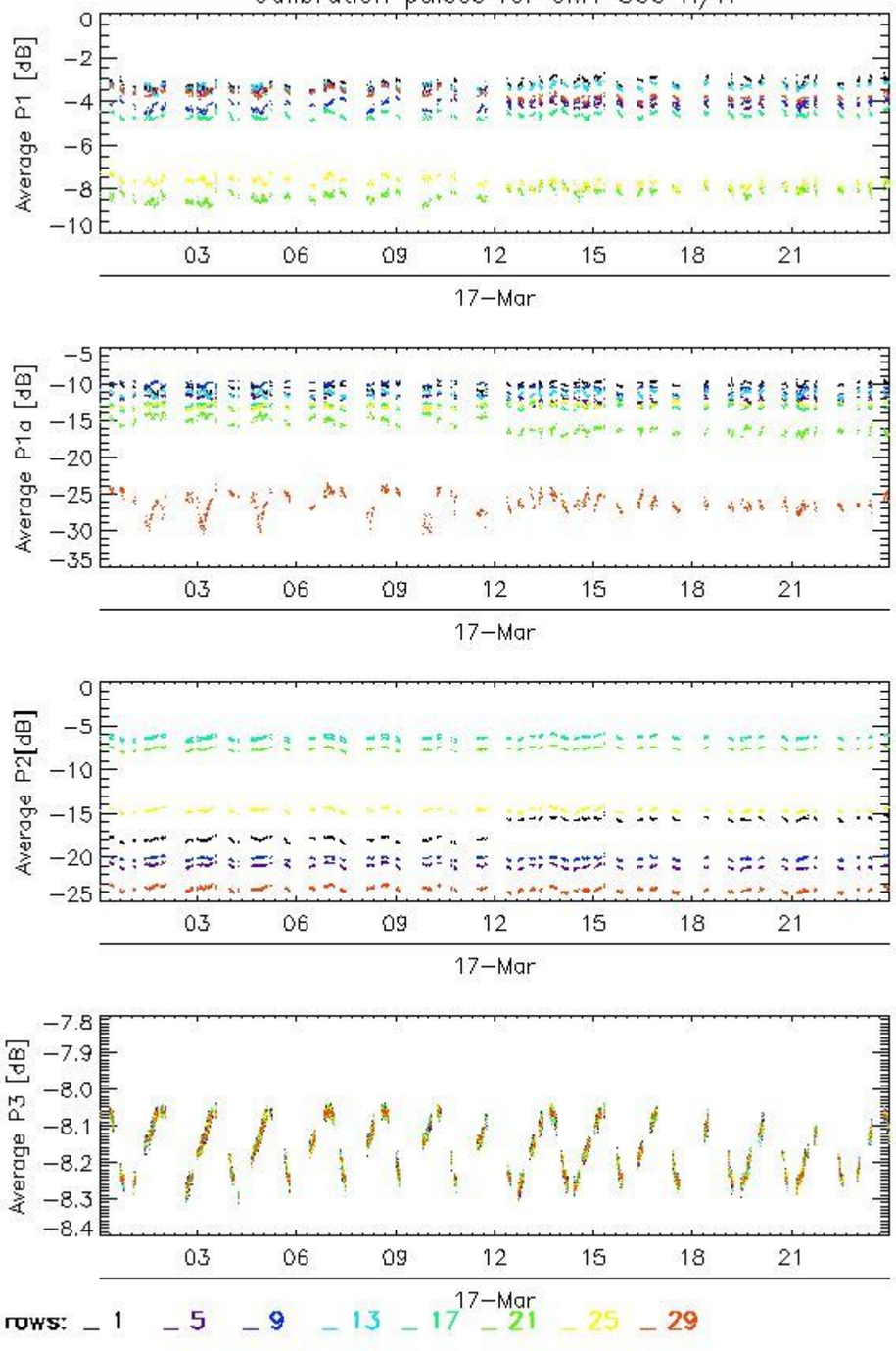


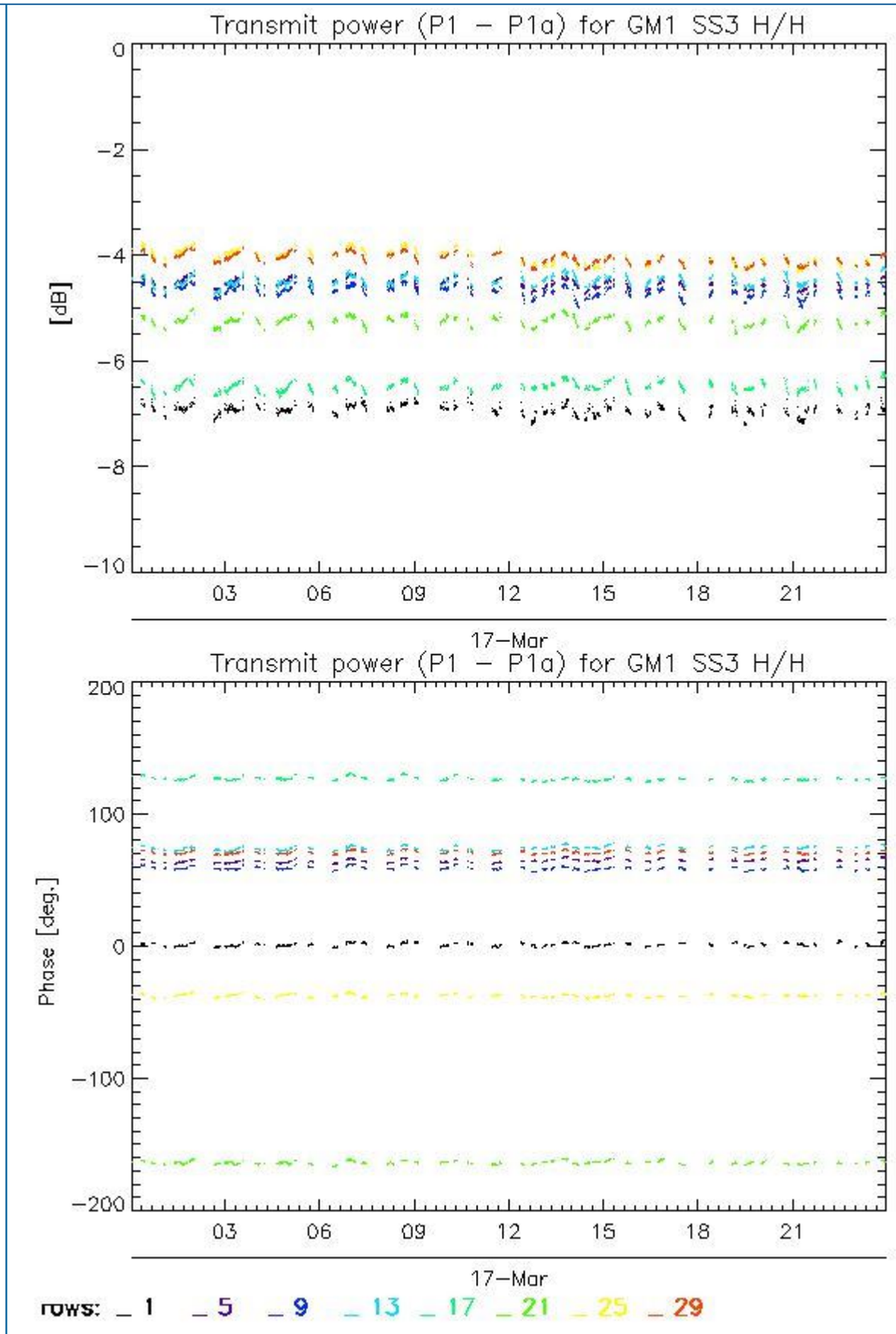
4.2 - Analysis for GM1 SS3 H/H

4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

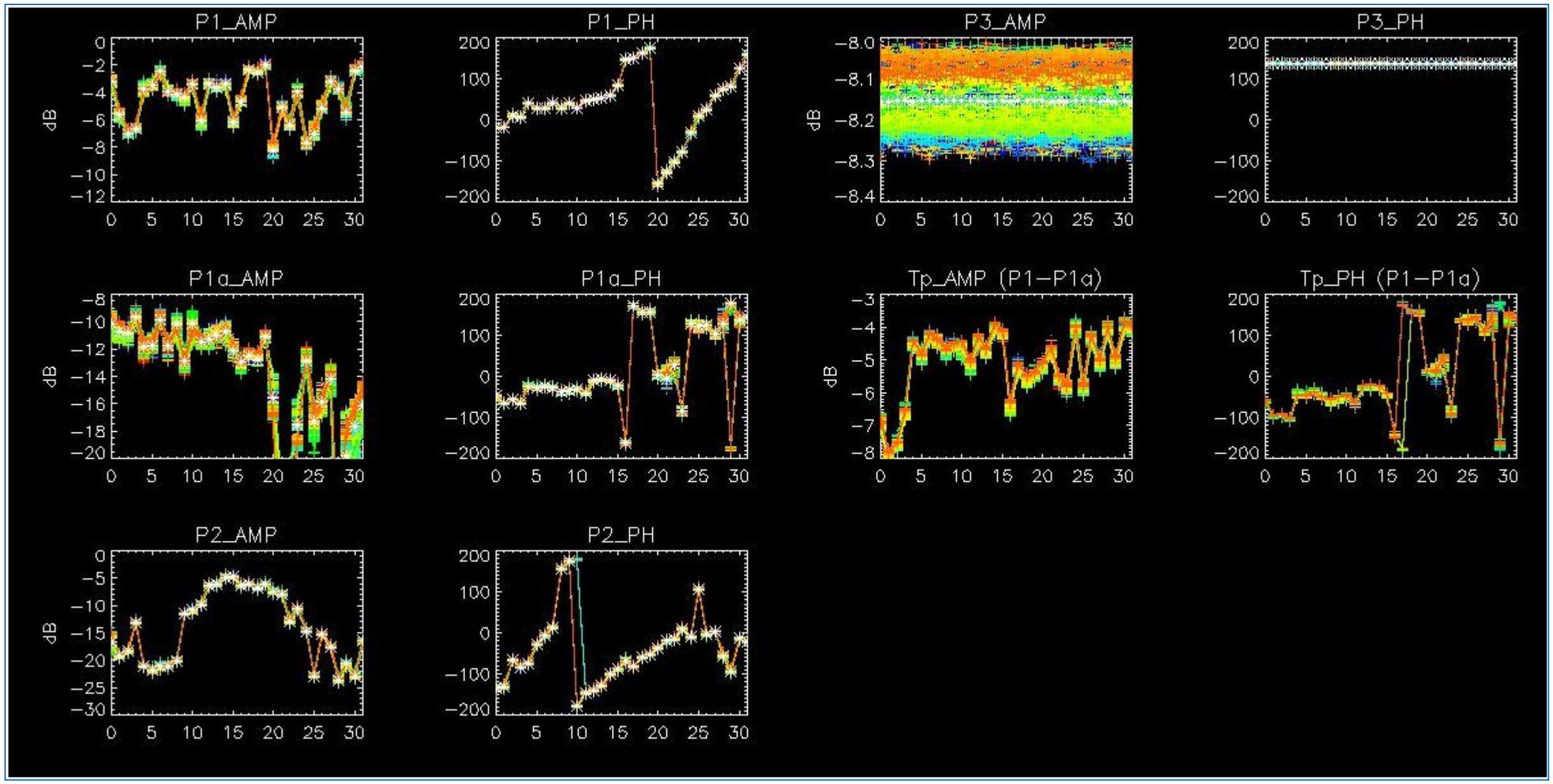
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]	Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]





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

[BACK TO MENU]

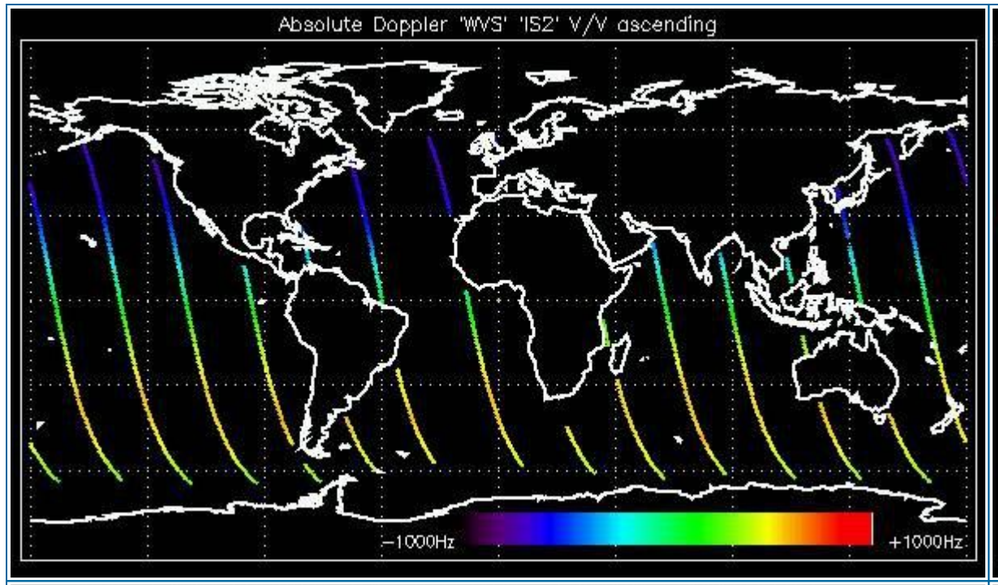


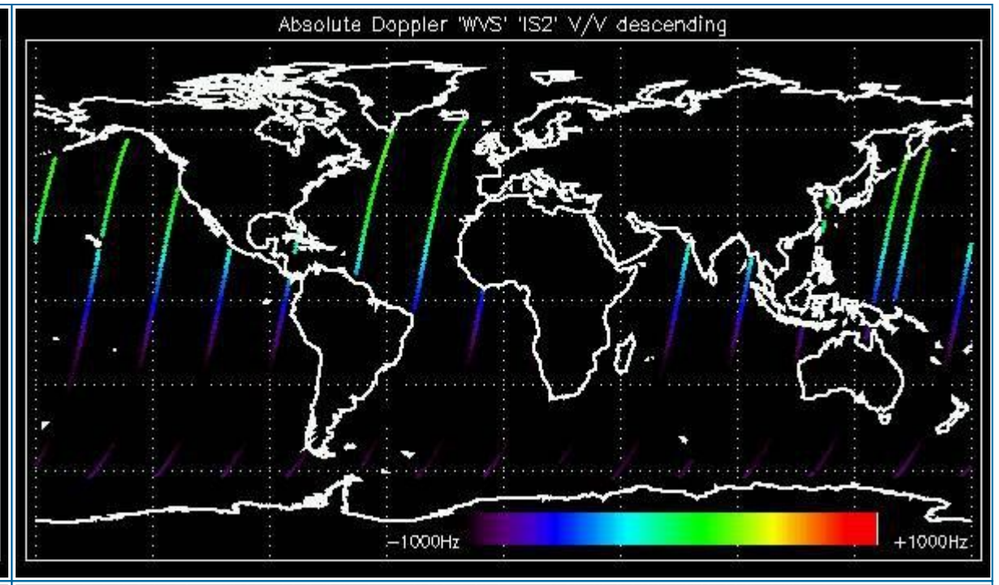
5 - DOPPLER ANALYSIS

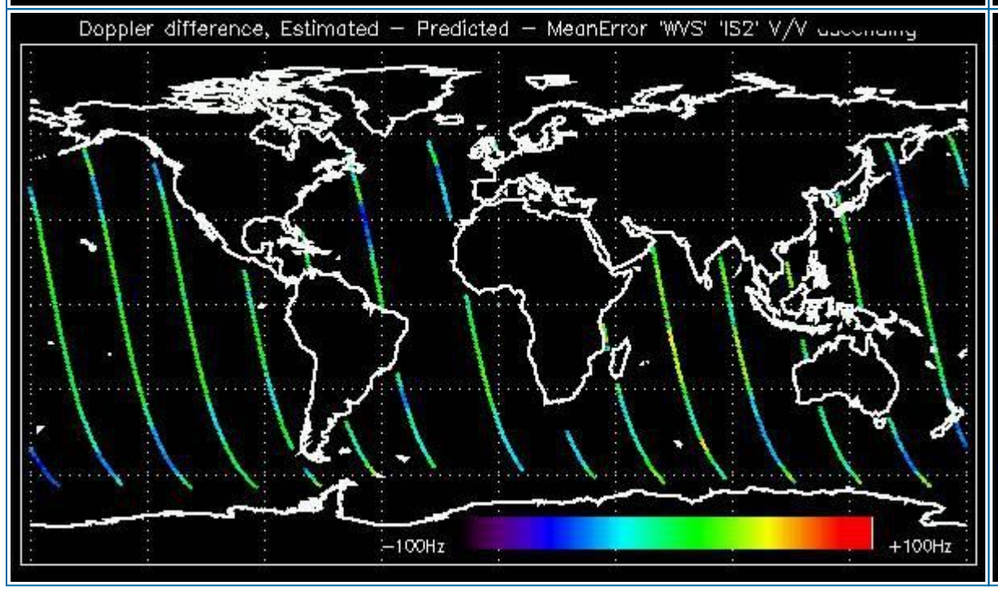
5.1 - Analysis for WVS IS2 V/V

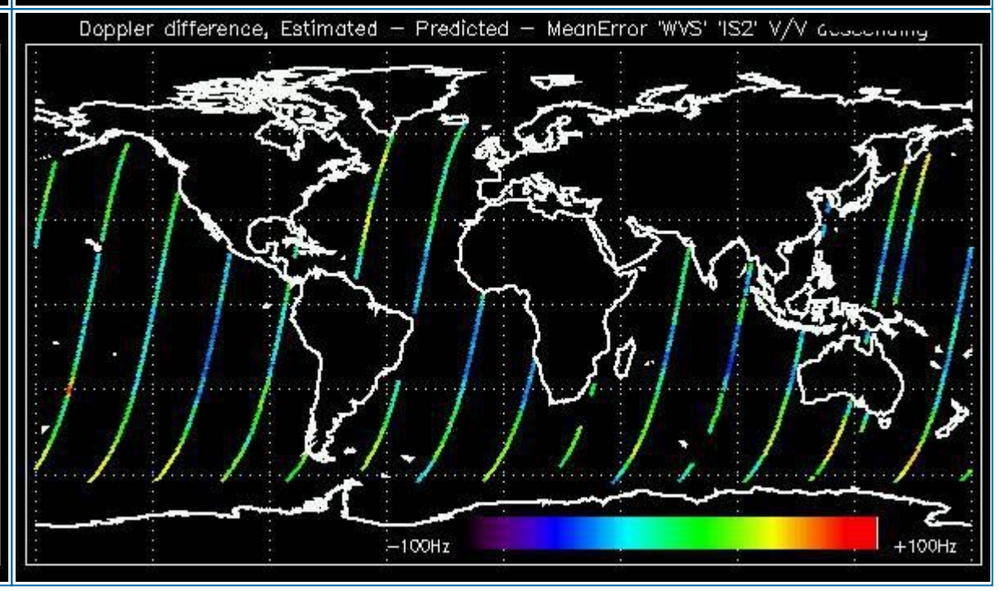
5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[BACK TO MENU]



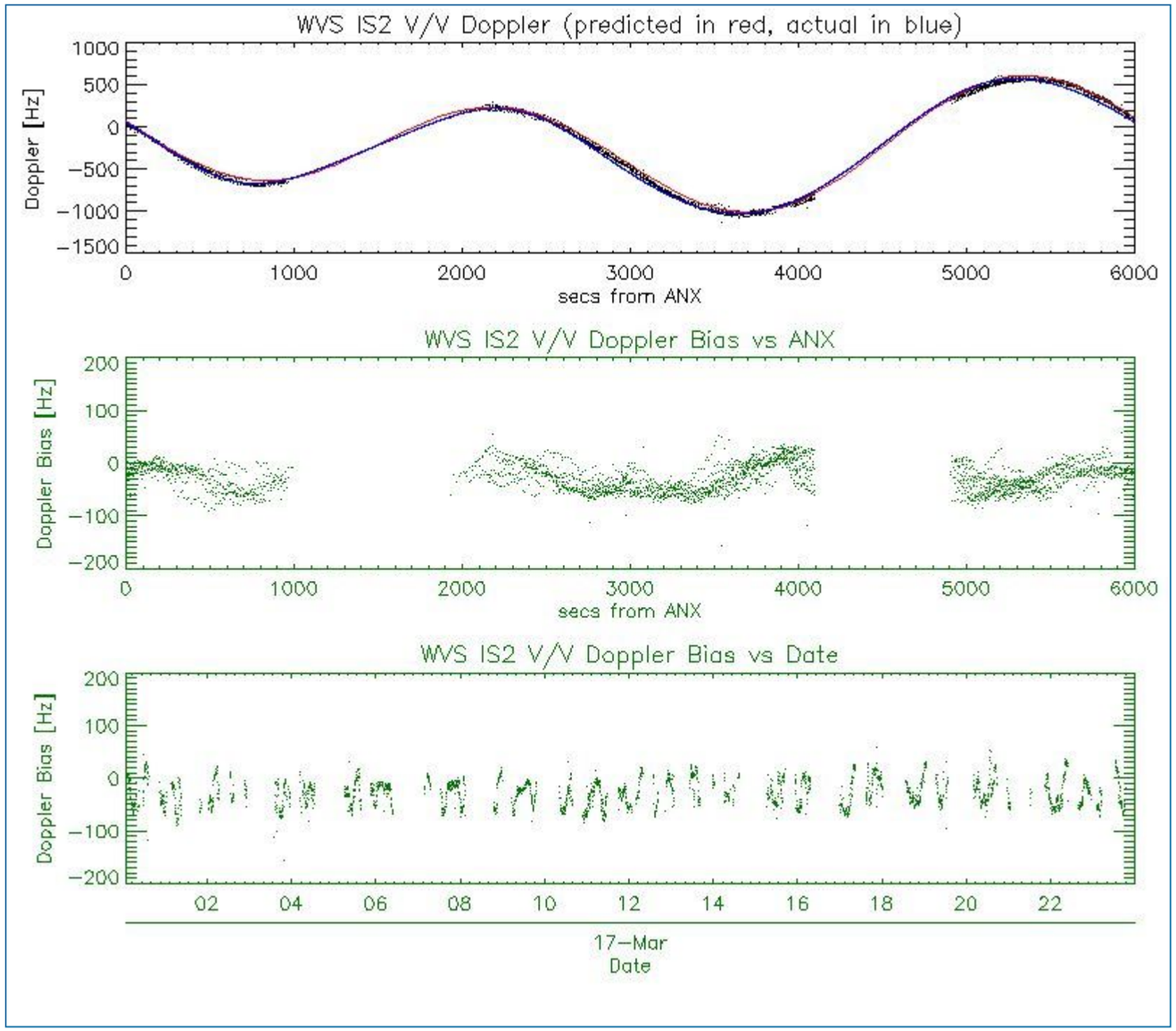






5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

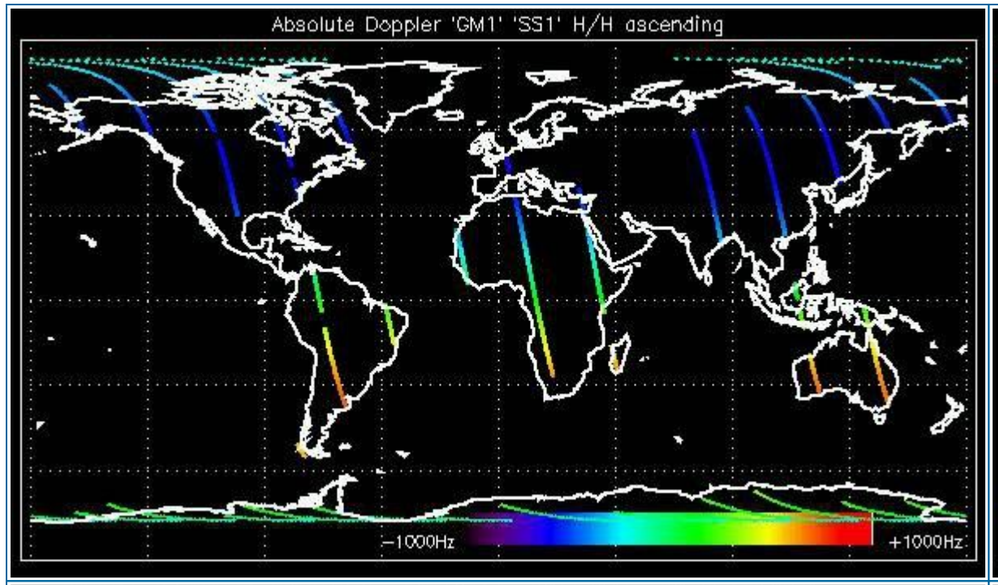
[BACK TO MENU]

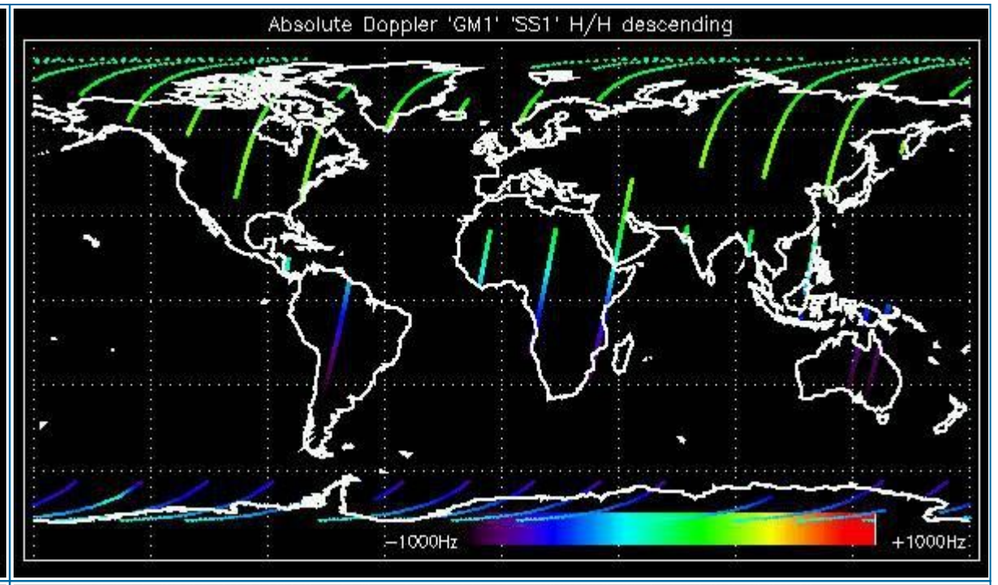


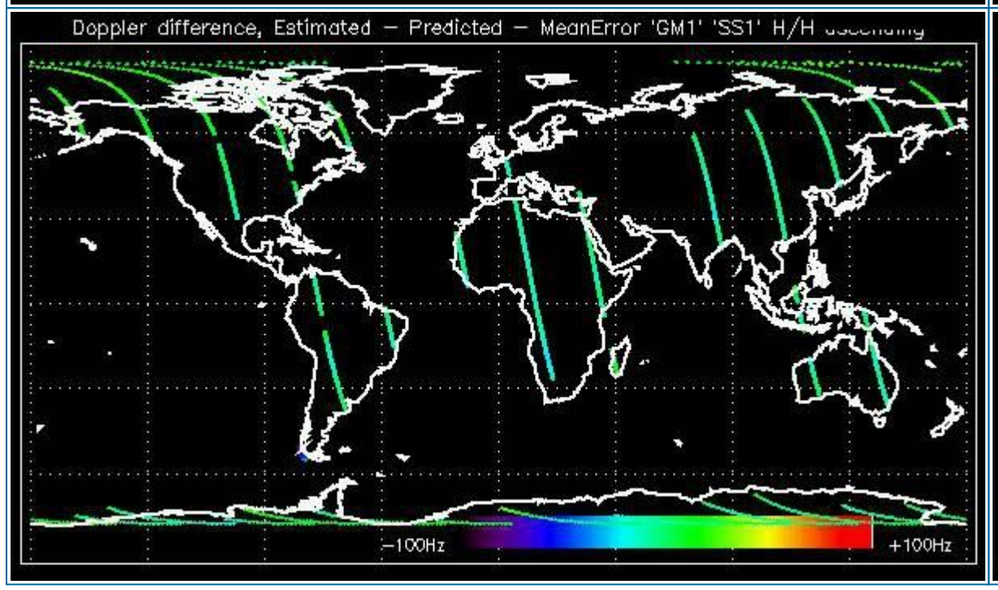
5.2 - Analysis for GM1 SS1 H/H

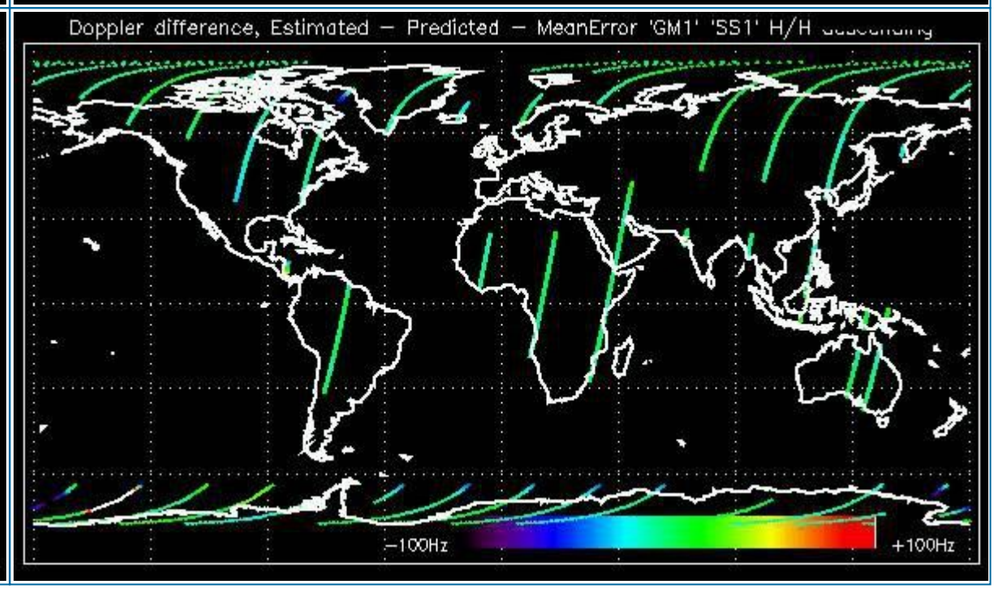
5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]



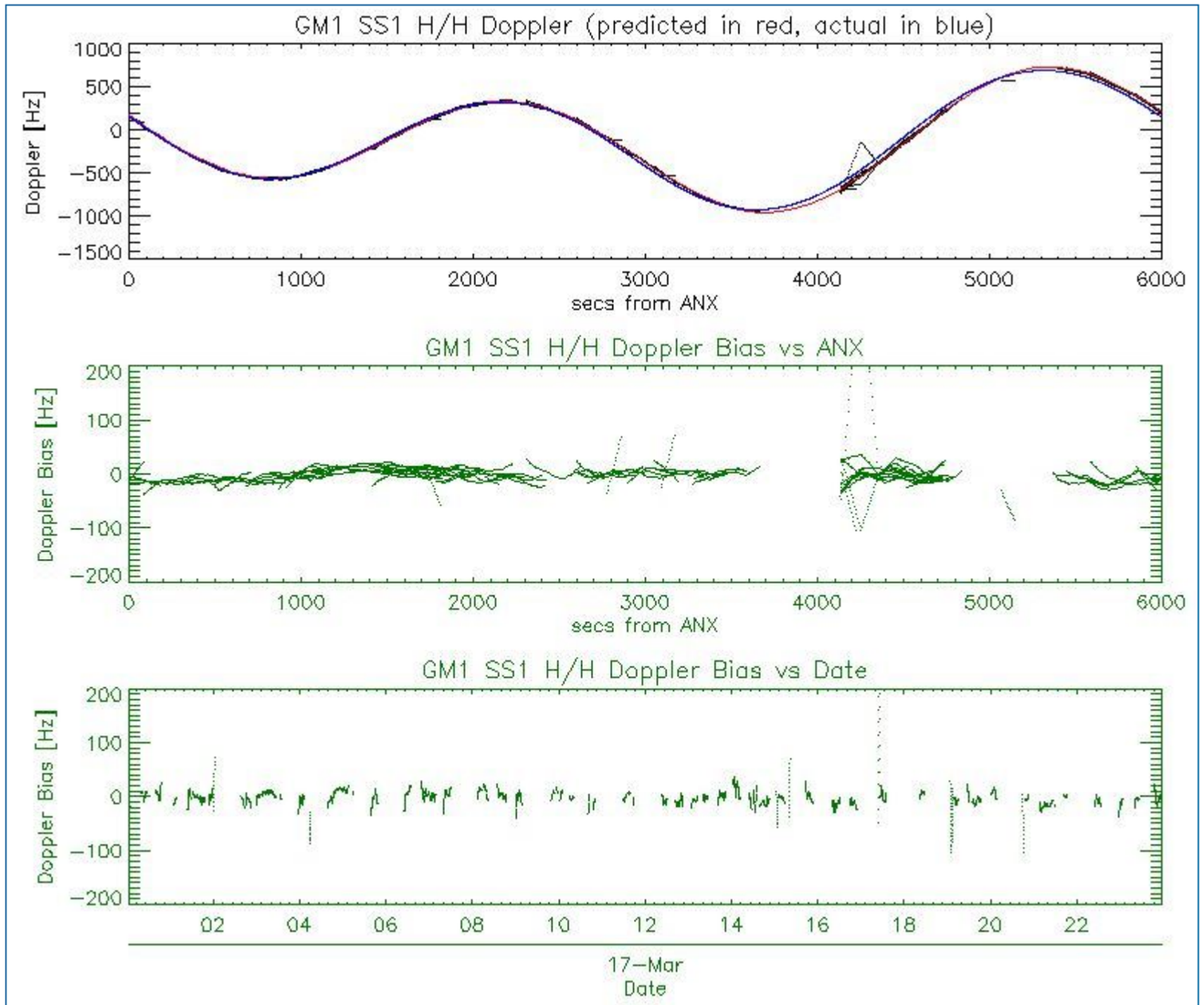






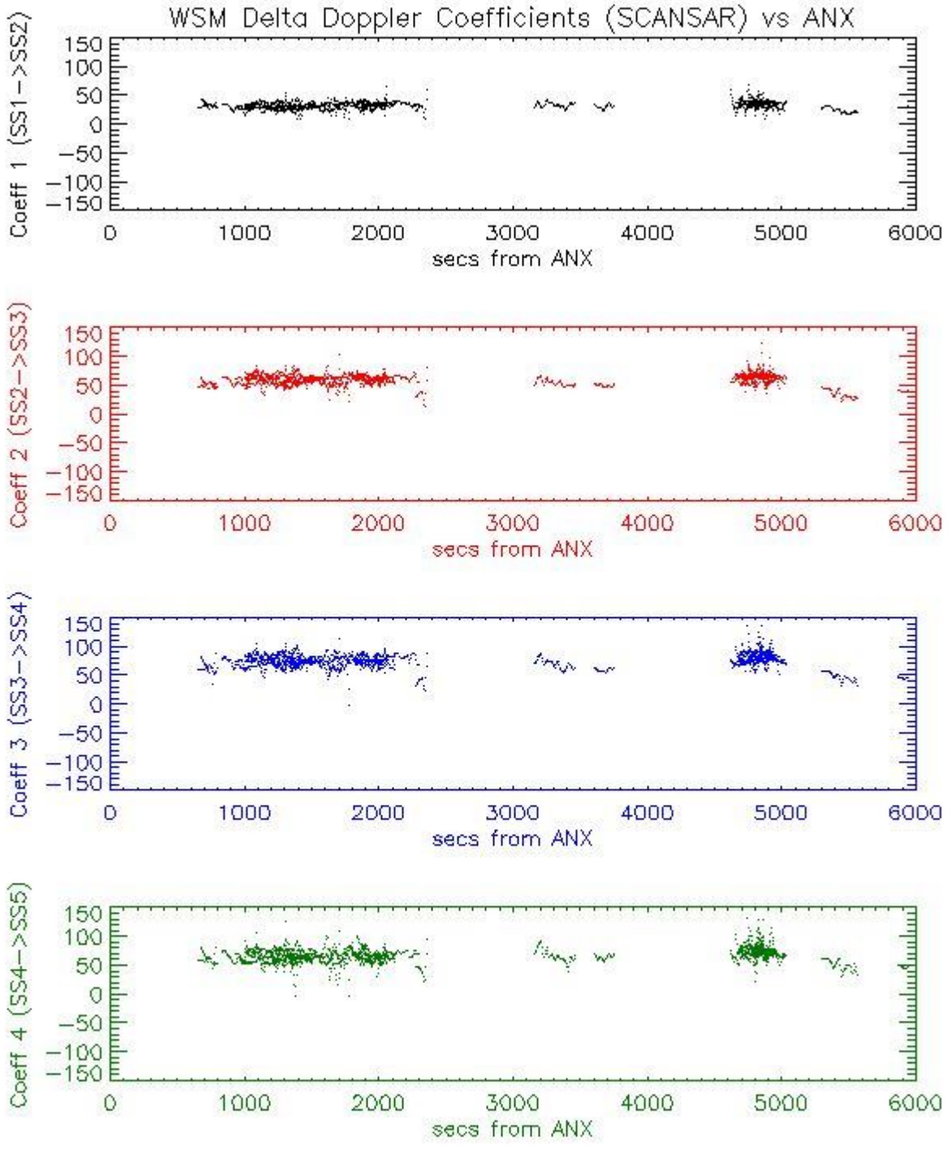
5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

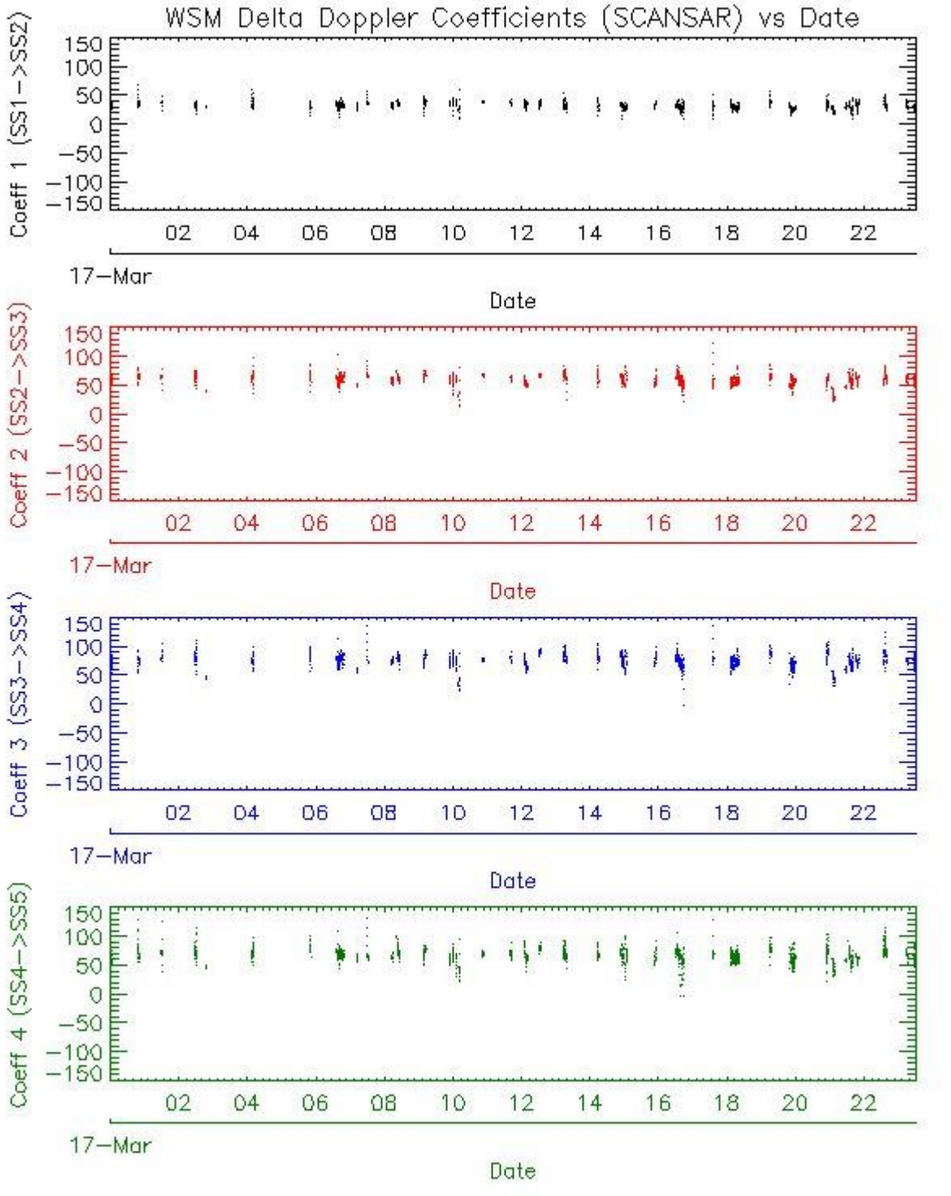
[BACK TO MENU]



5.3 - **Doppler JUMPS Analysis for WSM**

[BACK TO MENU]



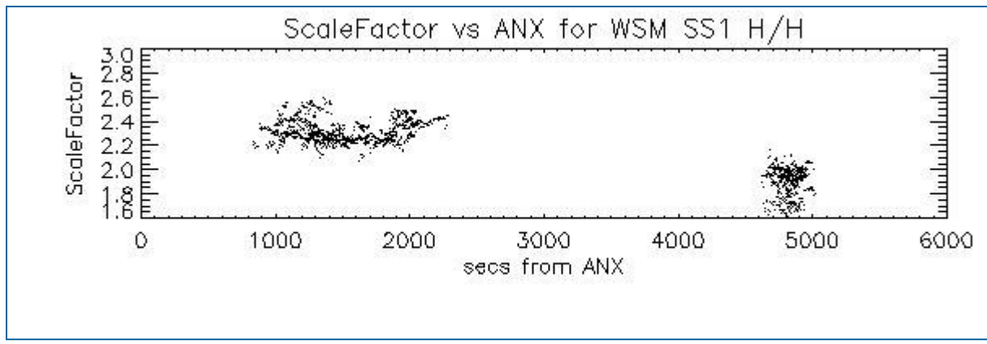


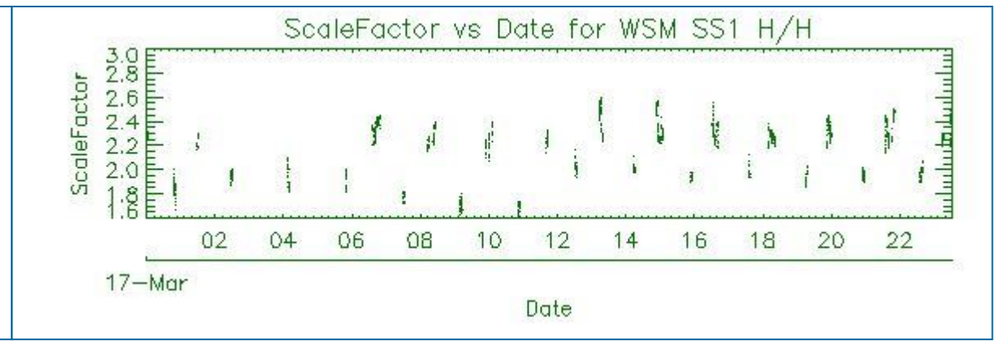
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

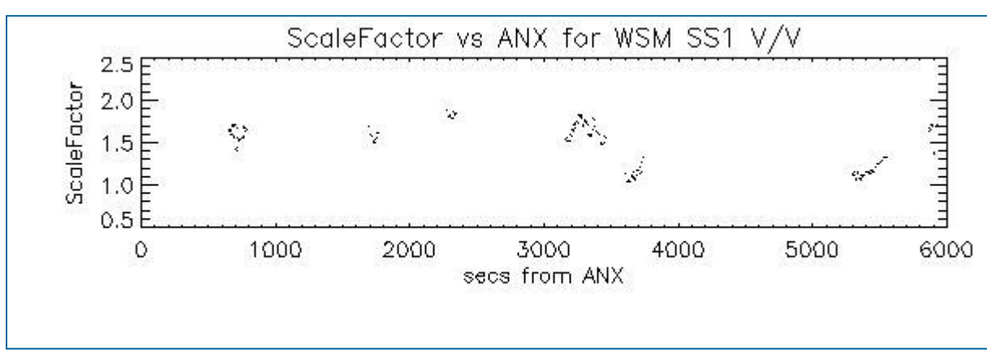


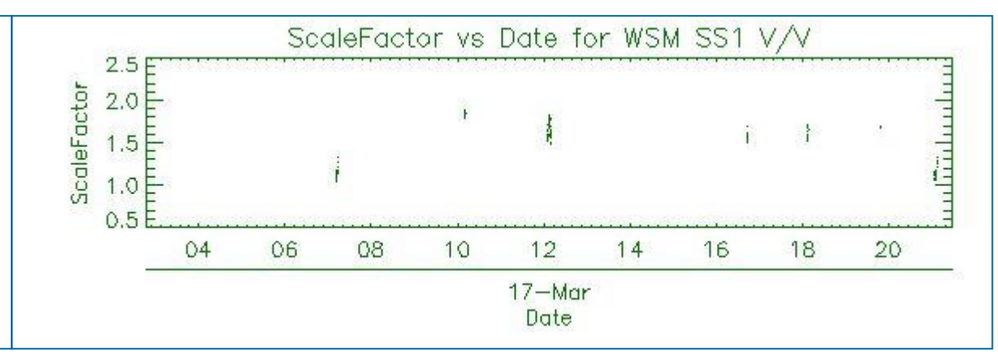


6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[BACK TO MENU]

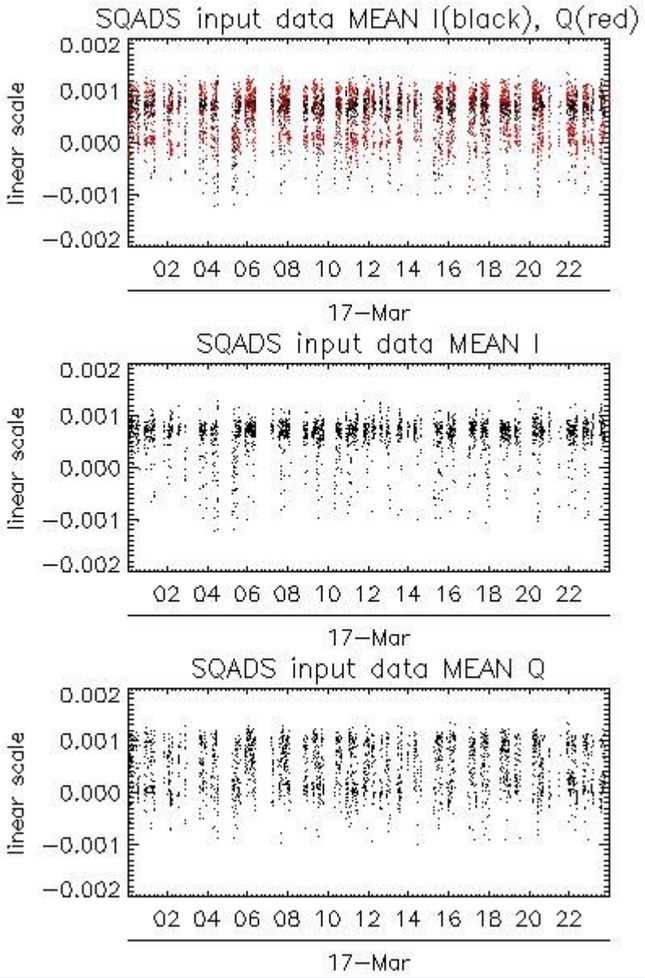


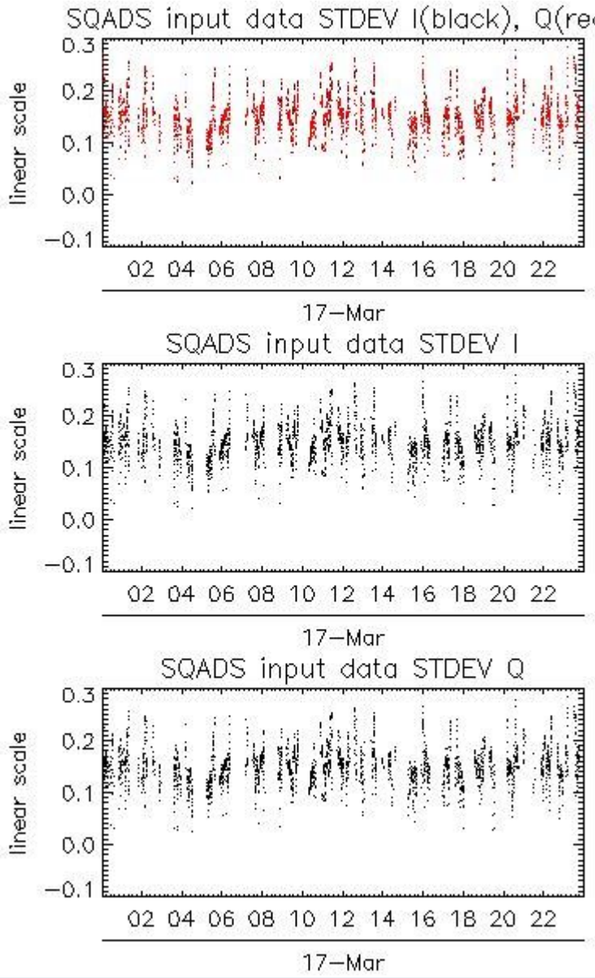


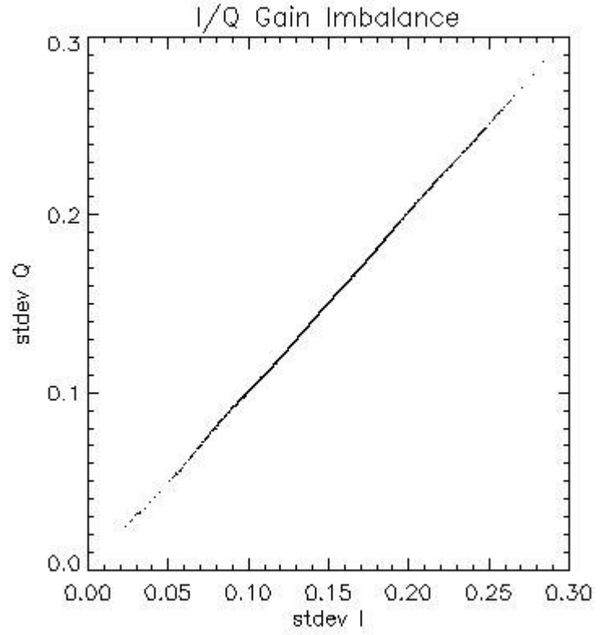
7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[BACK TO MENU]



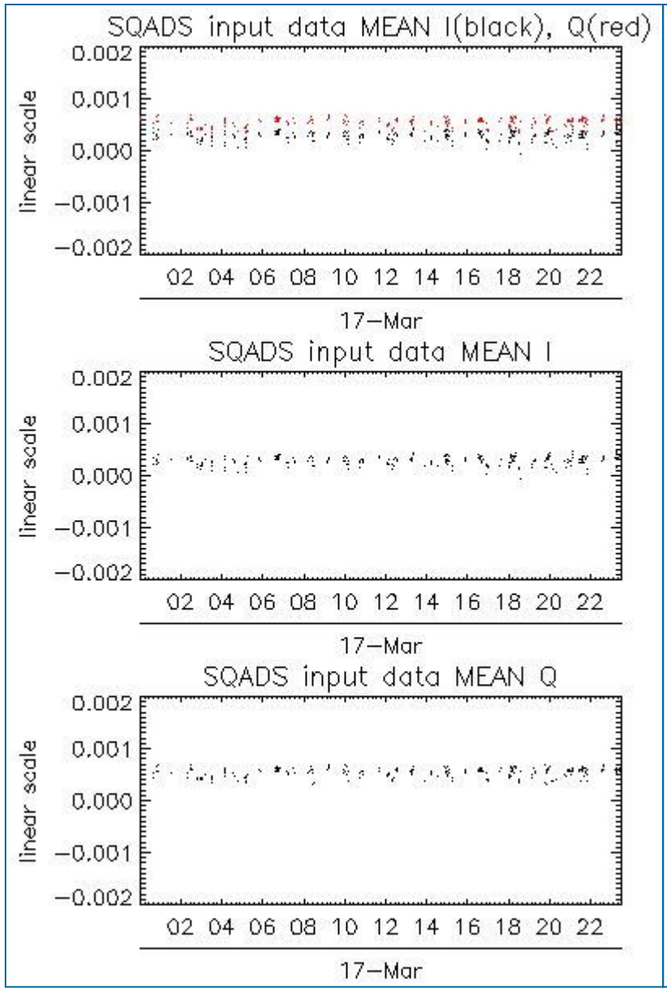


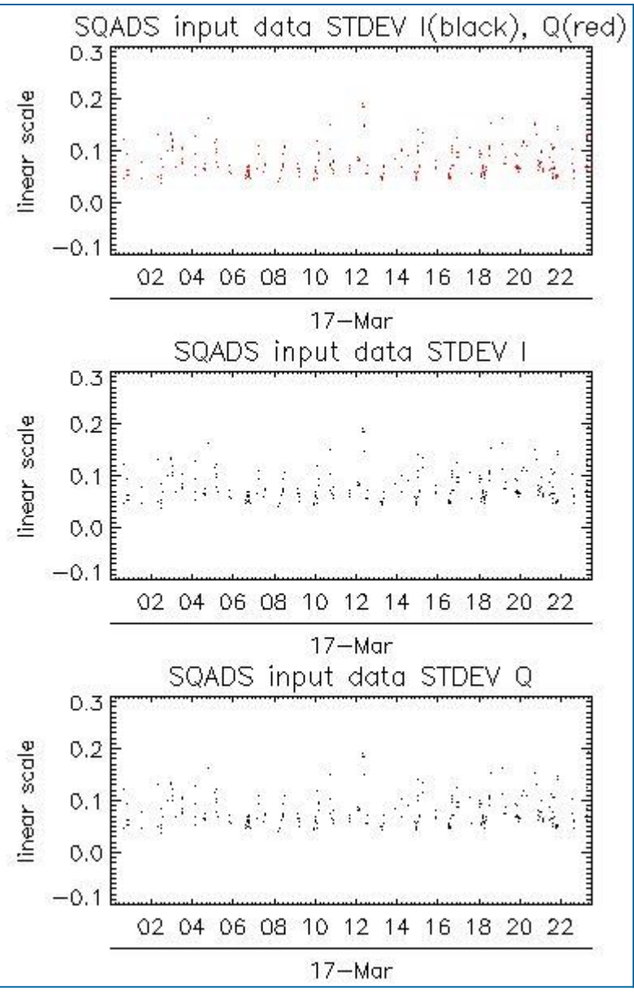


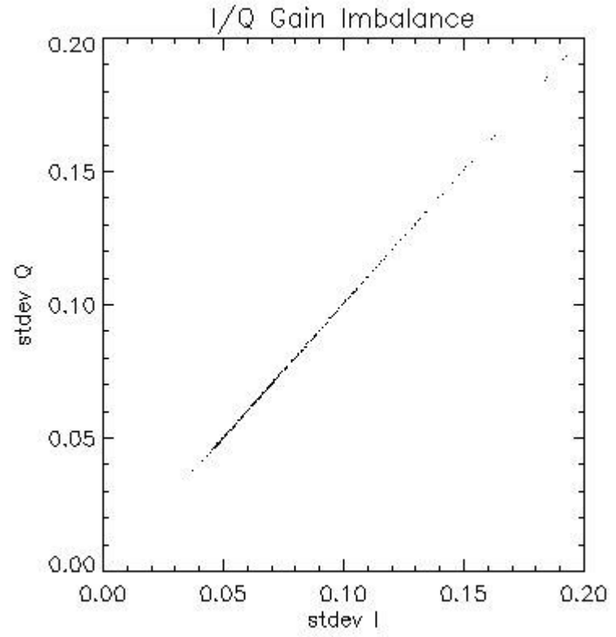
Channel	Statistics	DSS-B
MEAN I	mean	0.000596233
	stdev	1.39754e-07
MEAN Q	mean	0.000478320
	stdev	2.20395e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150712
	stdev	0.00134946
STDEV Q	mean	0.151262
	stdev	0.00137529

7.2 - Analysis for IMM

[BACK TO MENU]







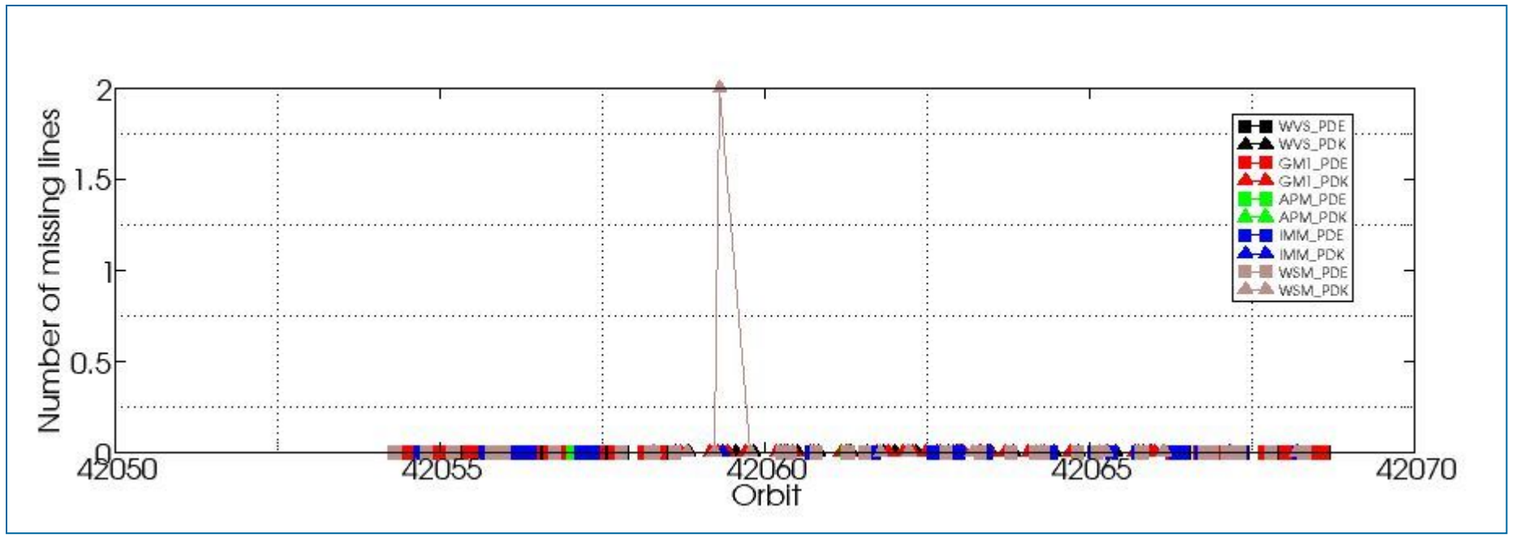
Channel	Statistics	DSS-B
MEAN I	mean	0.000288794
	stdev	7.16416e-09
MEAN Q	mean	0.000543964
	stdev	7.20895e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0775265
	stdev	0.000824559
STDEV Q	mean	0.0778397
	stdev	0.000833862

8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20100317_082206_000002942087_00422_42059_9062.N1	0	2

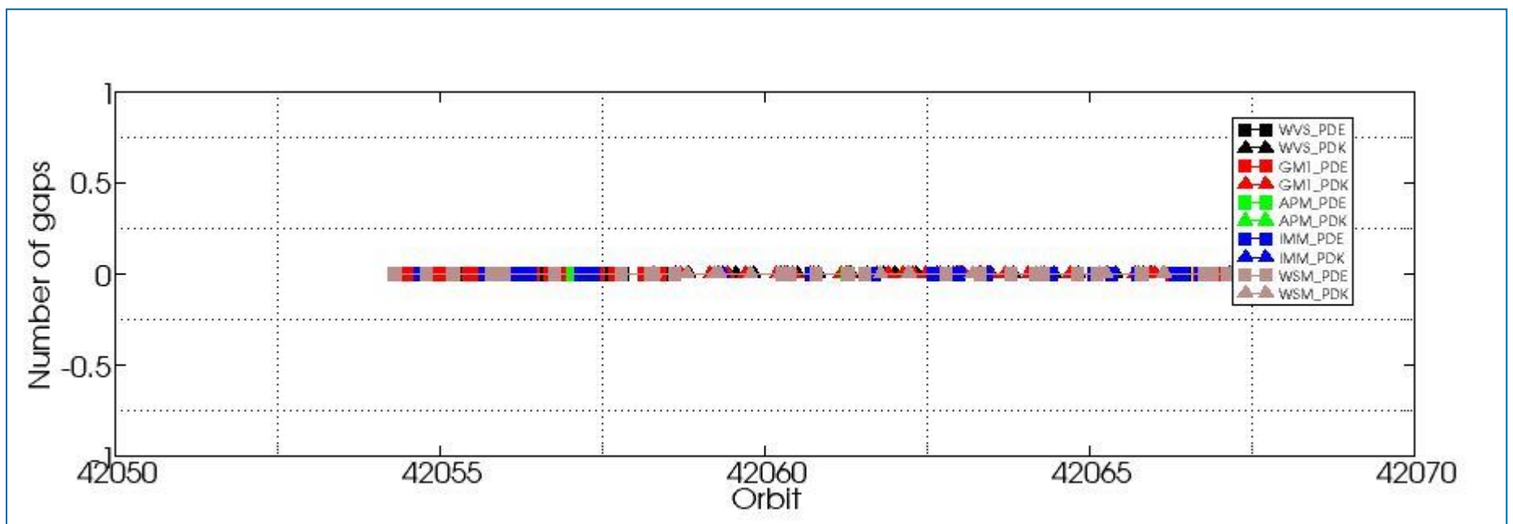
8.1 - Number of Missing lines

[BACK TO MENU]



8.2 - **Number of Gaps**

[BACK TO MENU]



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```
######################################################################
ASAR DAILY REPORT for 100317
######################################################################

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/


DATA SUMMARY
######################################################################
Summary will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_100317/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/Data_summary.html...

**************************************************
Getting WVS products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_WVS_products_used.txt...

**************************************************
Getting GM1 products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_GM1_products_used.txt...

**************************************************
Getting APM products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_APM_products_used.txt...

**************************************************
Getting IMM products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_IMM_products_used.txt...

**************************************************
Getting WSM products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_WSM_products_used.txt...

**************************************************
Getting MS products list from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_100317/DATA_SUMMARY/List_MS_products_used.txt...

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




AUXILIARY FILES ANALYSIS
######################################################################
Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/AUXILIARY

Creating directory ./RESULTS/DAILY/_100317/AUXILIARY...


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

```
ADF filter 20100317*current_3_IECF_ADFs.txt
Found list 20100317_030001_current_3_IECF_ADFs.txt...
Extracting ADFs...

      ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000
      ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
      ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
      ASA_XCA_AXVIEC20100315_123052_20090501_000000_20110101_000000

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Auxiliary_files_summary.html...


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

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_WVS.txt...


ASA_WVS_1PNPDE20100317_000427_000008692087_00417_42054_7200.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_002139_000000592087_00417_42054_7199.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_002823_000004952087_00417_42054_7203.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_005232_000003302087_00417_42054_7204.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_005717_000002842087_00417_42054_7219.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_010839_000008992087_00417_42054_7222.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_014910_000000592087_00418_42055_7223.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_015138_000000592087_00418_42055_7225.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_020209_000009152087_00418_42055_7228.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_023217_000003302087_00418_42055_7231.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_025253_000002242087_00419_42056_7238.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_033547_000000742087_00419_42056_7237.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_033647_000009592087_00419_42056_7259.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_035607_000001052087_00419_42056_7258.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_041143_000001052087_00419_42056_7255.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_041544_000010642087_00419_42056_7264.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_051509_000010642087_00420_42057_7262.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_053239_000003602087_00420_42057_7275.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_055208_000019492087_00420_42057_7287.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_070913_000000592087_00421_42058_7286.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_201008_000005692087_00429_42066_7372.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_202103_000013642087_00429_42066_7375.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_205836_000000302087_00429_42066_7377.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_205836_000002852087_00429_42066_7389.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_213111_000000752087_00430_42067_7392.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_215234_000019192087_00430_42067_7394.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_224004_000003002087_00430_42067_7395.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_224419_000007942087_00430_42067_7410.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_230524_000004492087_00431_42068_7408.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_233220_000008842087_00431_42068_7413.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100317_235808_000004202087_00431_42068_7415.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_071332_000002402087_00421_42058_9048.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_073244_000020542087_00421_42058_9051.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_084723_000007352087_00422_42059_9074.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_091346_000020992087_00422_42059_9077.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_102123_000011392087_00423_42060_9104.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_105407_000020692087_00423_42060_9107.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_114502_000011242087_00424_42061_9118.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_121041_000005402087_00424_42061_9121.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_123440_000004202087_00424_42061_9122.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_125239_000006882087_00424_42061_9124.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_132656_000008392087_00425_42062_9140.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_135843_000001652087_00425_42062_9142.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_141542_000004652087_00425_42062_9145.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_142820_000001042087_00425_42062_9146.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_143530_000001342087_00426_42063_9150.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_151640_000001642087_00426_42063_9162.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_152148_000012142087_00426_42063_9165.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WVS_1PNPDK20100317_155619_000013492087_00426_42063_9167.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_165953_000013642087_00427_42064_9182.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_173720_000014242087_00427_42064_9184.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_183423_000017392087_00428_42065_9212.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_191730_000006002087_00428_42065_9214.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100317_193103_000001492087_00428_42065_9216.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_GM1.txt...


ASA_GM1_1PNPDE20100317_000304_000000782087_00417_42054_7198.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_001945_000001082087_00417_42054_7201.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_002319_000003022087_00417_42054_7202.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_003915_000005012087_00417_42054_7205.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_010428_000002472087_00417_42054_7220.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_012426_000002712087_00418_42055_7221.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_013106_000010812087_00418_42055_7224.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_015335_000003262087_00418_42055_7226.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_020041_000000842087_00418_42055_7227.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_023836_000004892087_00418_42055_7230.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_024822_000002712087_00418_42055_7232.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_025939_000001202087_00419_42056_7233.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_030250_000004532087_00419_42056_7234.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_031112_000010092087_00419_42056_7239.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_033314_000001502087_00419_42056_7236.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_035841_000004712087_00419_42056_7257.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_041413_000000842087_00419_42056_7256.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_043831_000004472087_00420_42057_7254.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_044659_000012332087_00420_42057_7265.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_051325_000000962087_00420_42057_7263.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_053917_000005862087_00420_42057_7282.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_062527_000005982087_00421_42058_7288.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_064921_000011902087_00421_42058_7285.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_200108_000004282087_00429_42066_7373.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_204440_000000902087_00429_42066_7374.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_204816_000002952087_00429_42066_7376.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_210835_000010812087_00429_42066_7390.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_212846_000000962087_00430_42067_7391.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_214056_000003142087_00430_42067_7393.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_222514_000005432087_00430_42067_7396.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_225818_000003322087_00431_42068_7411.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_232029_000003802087_00431_42068_7409.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_234750_000001382087_00431_42068_7412.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_235130_000003082087_00431_42068_7407.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100317_235643_000000782087_00431_42068_7414.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_071954_000005982087_00421_42058_9050.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_080742_000003142087_00422_42059_9049.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_081447_000003382087_00422_42059_9052.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_081935_000001442087_00422_42059_9072.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_083451_000007492087_00422_42059_9073.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_090024_000005012087_00422_42059_9075.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_094921_000002892087_00423_42060_9076.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_095606_000001812087_00423_42060_9078.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_100140_000002052087_00423_42060_9100.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_101536_000003442087_00423_42060_9103.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_104106_000001262087_00423_42060_9102.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_104728_000002232087_00423_42060_9105.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_112915_000005432087_00424_42061_9108.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_113707_000001502087_00424_42061_9117.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_114305_000001082087_00424_42061_9119.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_122404_000003862087_00424_42061_9120.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_124231_000006042087_00424_42061_9123.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_130443_000005312087_00425_42062_9125.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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ASA_GM1_1PNPDK20100317_132036_000003802087_00425_42062_9139.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_134134_000006712087_00425_42062_9141.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_140215_000006282087_00425_42062_9144.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_142410_000002472087_00425_42062_9149.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_143053_000001202087_00425_42062_9148.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_143347_000000962087_00425_42062_9147.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_144006_000007732087_00426_42063_9151.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_150245_000000842087_00426_42063_9161.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_150553_000005132087_00426_42063_9163.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_152010_000000902087_00426_42063_9164.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_154251_000006282087_00426_42063_9166.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_161940_000006832087_00427_42064_9168.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_164419_000006282087_00427_42064_9181.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_172327_000007072087_00427_42064_9185.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_182139_000004472087_00428_42065_9210.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_190405_000002412087_00428_42065_9211.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_190951_000003082087_00428_42065_9215.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_192814_000001632087_00428_42065_9213.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100317_193412_000007432087_00428_42065_9217.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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Analysing APM products...

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_APM.xls...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_APM.txt...


ASA_APM_1PNPDE20100317_030145_000000432087_00419_42056_7250.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100317_043412_000002392087_00420_42057_7253.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100317_113938_000000442087_00424_42061_7342.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100317_113938_000000422087_00424_42061_9106.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
******************************************************
Analysing IMM products...

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_IMM.xls...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_IMM.txt...


ASA_IMM_1PNPDE20100317_003729_000000992087_00417_42054_7194.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_021817_000000802087_00418_42055_7218.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_025718_000001292087_00419_42056_7249.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_031022_000000362087_00419_42056_7251.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_032800_000003032087_00419_42056_7235.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_044556_000000512087_00420_42057_7260.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_050744_000003292087_00420_42057_7261.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_104313_000002432087_00423_42060_7340.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_122021_000002152087_00424_42061_7345.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_135245_000000382087_00425_42062_7358.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_143257_000000382087_00425_42062_7360.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_151426_000001232087_00426_42063_7362.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_165451_000002962087_00427_42064_7366.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_180136_000002392087_00428_42065_7367.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_182906_000003122087_00428_42065_7370.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_190803_000000972087_00428_42065_7371.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_200815_000001082087_00429_42066_7385.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_202010_000000482087_00429_42066_7386.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_204613_000001122087_00429_42066_7387.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_215055_000000912087_00430_42067_7406.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100317_231737_000001652087_00431_42068_7425.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100317_082723_000000922087_00422_42059_9063.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100317_100708_000001562087_00423_42060_9088.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100317_194901_000000922087_00429_42066_9228.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100317_213028_000000372087_00430_42067_9237.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100317_231632_000000922087_00431_42068_9241.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_100317/AUXILIARY/Check_ADFs_WSM.txt...


ASA_WSM_1PNPDE20100317_004745_000002882087_00417_42054_7212.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_012905_000001162087_00418_42055_7216.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_022722_000002942087_00418_42055_7247.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_024652_000000862087_00418_42055_7248.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_040640_000003062087_00419_42056_7252.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_054909_000001472087_00420_42057_7279.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_063529_000000672087_00421_42058_7281.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_063953_000005632087_00421_42058_7278.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_071105_000001472087_00421_42058_7280.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_095912_000001412087_00423_42060_7338.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_101003_000000922087_00423_42060_7339.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_105119_000001712087_00423_42060_7341.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_114031_000001472087_00424_42061_7343.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_120526_000003062087_00424_42061_7344.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_141317_000001472087_00425_42062_7359.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_150423_000000862087_00426_42063_7361.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_155345_000001532087_00426_42063_7357.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_163110_000000982087_00427_42064_7363.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_164246_000000922087_00427_42064_7365.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_173517_000001222087_00427_42064_7364.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_180620_000001282087_00428_42065_7368.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_191507_000001472087_00428_42065_7369.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_205321_000003062087_00429_42066_7384.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_210401_000002692087_00429_42066_7388.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_212712_000000862087_00430_42067_7404.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_214617_000002692087_00430_42067_7405.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_223421_000003432087_00430_42067_7403.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100317_232653_000002692087_00431_42068_7426.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_063754_000000982087_00421_42058_9043.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_064012_000002452087_00421_42058_9044.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_072958_000001532087_00421_42058_9060.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_081304_000000982087_00422_42059_9061.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_082206_000002942087_00422_42059_9062.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_090849_000003002087_00422_42059_9085.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_095417_000001042087_00423_42060_9086.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_100512_000000862087_00423_42060_9087.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_123038_000002452087_00424_42061_9133.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_131338_000000982087_00425_42062_9134.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_131446_000003492087_00425_42062_9130.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_145304_000005752087_00426_42063_9157.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_163118_000004832087_00427_42064_9174.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_163949_000001712087_00427_42064_9176.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_180859_000005932087_00428_42065_9193.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_181919_000001282087_00428_42065_9195.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_194827_000000242087_00429_42066_9225.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_195119_000005872087_00429_42066_9230.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_213307_000004652087_00430_42067_9238.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100317_231343_000001652087_00431_42068_9240.N1   ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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




MODULE STEPPING ANALYSIS
#####################################################################
Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/MODULE_STEPPING
```

```
Creating directory ./RESULTS/DAILY/_100317/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_100317/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

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

Exporting results to the directory ../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDK20100317_071818_000000162087_00421_42058_1006.N1
      H
      H
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/TGH_20100317_071818-20050922_062651.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/TPH_20100317_071818-20050922_062651.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/RGH_20100317_071818-20050922_062651.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/RPH_20100317_071818-20050922_062651.png

Polarization:  V
Reference product:  ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDE20100316_042843_000000162087_00405_42042_0521.N1
      V
      V
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/TGV_20100316_042843-20050923_055514.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/TPV_20100316_042843-20050923_055514.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/RGV_20100316_042843-20050923_055514.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/SECOND_REFERENCE/RPV_20100316_042843-20050923_055514.png

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

Exporting results to the directory ../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization:  H
Reference product:  ASA_MS__0PNPDE20100315_050020_000000162087_00391_42028_0520.N1
Test product: ASA_MS__0PNPDK20100317_071818_000000162087_00421_42058_1006.N1
      H
      H
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20100317_071818-20100315_050020.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20100317_071818-20100315_050020.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20100317_071818-20100315_050020.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20100317_071818-20100315_050020.png

Polarization:  V
Reference product:  ASA_MS__0PNPDE20100314_053157_000000162087_00377_42014_0519.N1
Test product: ASA_MS__0PNPDE20100316_042843_000000162087_00405_42042_0521.N1
      V
      V
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20100316_042843-20100314_053157.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20100316_042843-20100314_053157.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20100316_042843-20100314_053157.png
../../RESULTS/DAILY/_100317/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20100316_042843-20100314_053157.png

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




CALIBRATION PULSES ANALYSIS
#####################################################################
Creating directory ./RESULTS/DAILY/_100317/CALIBRATION_PULSES...
```

```
********************************************************************************
********************************************************************************
ALL ROWS Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59

Analysing products WVS IS2 V/V
Writing image ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...


********************************************************************************
********************************************************************************
TEMPORAL EVOLUTION Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-03-17_1.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...


Getting calibration pulses data for WVS IS2 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-03-17_2.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...


Getting calibration pulses data for WVS IS2 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-03-17_3.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-03-17_4.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...


Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-03-17_1.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...


Getting calibration pulses data for GM1 SS3 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-03-17_2.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...


Getting calibration pulses data for GM1 SS3 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-03-17_3.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...


Getting calibration pulses data for GM1 SS3 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100317/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-03-17_4.dat...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../.././RESULTS/DAILY/_100317//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...



CALIBRATION PULSES ANALYSIS completed
```

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######################################################################


DOPPLER ANALYSIS
######################################################################
Creating directory ./RESULTS/DAILY/_100317/DOPPLER...


**********************************************************************************************
**********************************************************************************************
DOPPLER ANX Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DOPPLER/Doppler_data_WVS_IS2_VV_2010-03-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100317/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DOPPLER/Doppler_data_GM1_SS1_HH_2010-03-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100317/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...



**********************************************************************************************
**********************************************************************************************
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-03-17 00:00:00 to 2010-03-17 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/DOPPLER/Doppler_Jumps_data_WSM_2010-03-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100317/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_100317/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

**********************************************************************************************
**********************************************************************************************
DOPPLER MAP Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 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 =  -26.346997 Hz
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

*******************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -29.297805 Hz
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../.././RESULTS/DAILY/_100317//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 =  2.7018451 Hz
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

*******************************************************
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error =  -5.3581682 Hz
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../.././RESULTS/DAILY/_100317//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

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


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




CHIRP ANALYSIS
#####################################################################
Creating directory ./RESULTS/DAILY/_100317/CHIRP...


*************************************************************************************
*************************************************************************************
CHIRP Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59


Analysing products WSM SS1 H/H
*************************************************************
Getting ScaleFactor data for WSM SS1 H/H from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-03-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100317/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100317/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...


Analysing products WSM SS1 V/V
*************************************************************
Getting ScaleFactor data for WSM SS1 V/V from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-03-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100317/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100317/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

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




RAW DATA ANALYSIS
#####################################################################
Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/RAW_DATA

Creating directory ./RESULTS/DAILY/_100317/RAW_DATA...

*************************************************************************
Getting raw data for WVS from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/RAW_DATA/Raw_data_WVS_2010-03-17.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

**************************************************************************
Getting raw data for IMM from 2010-03-17 00:00:00 to 2010-03-17 23:59:59...
Writing file ./RESULTS/DAILY/_100317/RAW_DATA/Raw_data_IMM_2010-03-17.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100317/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

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




TELEMETRY ANALYSIS
##########################################################################
Analysis will be performed from 2010-03-17 00:00:00 to 2010-03-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100317/TELEMETRY

Creating directory ./RESULTS/DAILY/_100317/TELEMETRY...

Looking for gaps and missing lines in WVS products...
**********************************
Checking 31 products from PDE...
Checking 23 products from PDK...

Looking for gaps and missing lines in GM1 products...
**********************************
Checking 35 products from PDE...
Checking 37 products from PDK...

Looking for gaps and missing lines in APM products...
**********************************
Checking 3 products from PDE...
Checking 1 products from PDK...

Looking for gaps and missing lines in IMM products...
**********************************
Checking 21 products from PDE...
Checking 5 products from PDK...

Looking for gaps and missing lines in WSM products...
**********************************
Checking 29 products from PDE...
Checking 20 products from PDK...
Found product...ASA_WSM_1PNPDK20100317_082206_000002942087_00422_42059_9062.N1 / 0 gaps / 2 missing lines

Creating graph of missing lines and gaps...
**************************************************************
Creating image: ./RESULTS/DAILY/_100317/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_100317/TELEMETRY/TELEMETRY_Gaps.png...

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



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


Building file ./RESULTS/DAILY/_100317/asarReport.html...
Building DATA SUMMARY section...
```

```
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

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

IDEAS

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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20100317_030145_000000432087_00419_42056_7250.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100317_043412_000002392087_00420_42057_7253.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100317_113938_000000442087_00424_42061_7342.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100317_113938_000000422087_00424_42061_9106.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_1PNPDE20100317_000304_000000782087_00417_42054_7198.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_001945_000001082087_00417_42054_7201.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_002319_000003022087_00417_42054_7202.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_003915_000005012087_00417_42054_7205.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_010428_000002472087_00417_42054_7220.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_012426_000002712087_00418_42055_7221.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_013106_000010812087_00418_42055_7224.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_015335_000003262087_00418_42055_7226.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_020041_000000842087_00418_42055_7227.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_023836_000004892087_00418_42055_7230.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_024822_000002712087_00418_42055_7232.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_025939_000001202087_00419_42056_7233.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_030250_000004532087_00419_42056_7234.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_031112_000010092087_00419_42056_7239.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_033314_000001502087_00419_42056_7236.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_035841_000004712087_00419_42056_7257.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_041413_000000842087_00419_42056_7256.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_043831_000004472087_00420_42057_7254.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_044659_000012332087_00420_42057_7265.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_051325_000000962087_00420_42057_7263.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_053917_000005862087_00420_42057_7282.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_062527_000005982087_00421_42058_7288.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_064921_000011902087_00421_42058_7285.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_200108_000004282087_00429_42066_7373.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_204440_000000902087_00429_42066_7374.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_204816_000002952087_00429_42066_7376.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_210835_000010812087_00429_42066_7390.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_212846_000000962087_00430_42067_7391.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_214056_000003142087_00430_42067_7393.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_222514_000005432087_00430_42067_7396.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_225818_000003322087_00431_42068_7411.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_232029_000003802087_00431_42068_7409.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_234750_000001382087_00431_42068_7412.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_235130_000003082087_00431_42068_7407.N1	OK	OK	OK	OK
ASA_GM1_1PNPDE20100317_235643_000000782087_00431_42068_7414.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_071954_000005982087_00421_42058_9050.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_080742_000003142087_00422_42059_9049.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_081447_000003382087_00422_42059_9052.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_081935_000001442087_00422_42059_9072.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_083451_000007492087_00422_42059_9073.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_090024_000005012087_00422_42059_9075.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_094921_000002892087_00423_42060_9076.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_095606_000001812087_00423_42060_9078.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_100140_000002052087_00423_42060_9100.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_101536_000003442087_00423_42060_9103.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_104106_000001262087_00423_42060_9102.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_104728_000002232087_00423_42060_9105.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_112915_000005432087_00424_42061_9108.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_113707_000001502087_00424_42061_9117.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_114305_000001082087_00424_42061_9119.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_122404_000003862087_00424_42061_9120.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_124231_000006042087_00424_42061_9123.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_130443_000005312087_00425_42062_9125.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_132036_000003802087_00425_42062_9139.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_134134_000006712087_00425_42062_9141.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_140215_000006282087_00425_42062_9144.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_142410_000002472087_00425_42062_9149.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_143053_000001202087_00425_42062_9148.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_143347_000000962087_00425_42062_9147.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_144006_000007732087_00426_42063_9151.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_150245_000000842087_00426_42063_9161.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_150553_000005132087_00426_42063_9163.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_152010_000000902087_00426_42063_9164.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_154251_000006282087_00426_42063_9166.N1	OK	OK	OK	OK

ASA_GM1_1PNPDK20100317_161940_000006832087_00427_42064_9168.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_164419_000006282087_00427_42064_9181.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_172327_000007072087_00427_42064_9185.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_182139_000004472087_00428_42065_9210.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_190405_000002412087_00428_42065_9211.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_190951_000003082087_00428_42065_9215.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_192814_000001632087_00428_42065_9213.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100317_193412_000007432087_00428_42065_9217.N1	OK	OK	OK	OK

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

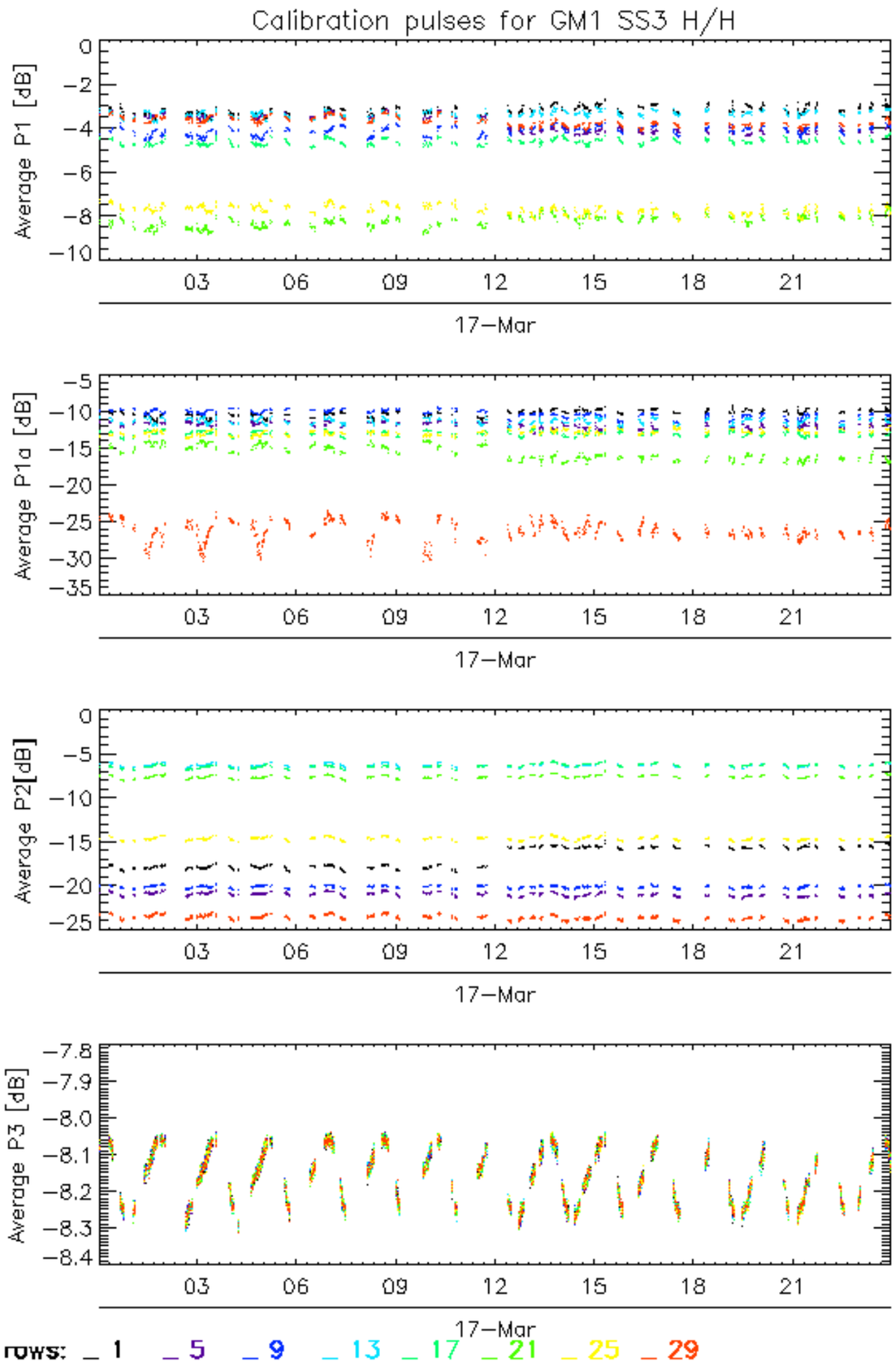
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20100317_003729_000000992087_00417_42054_7194.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_021817_000000802087_00418_42055_7218.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_025718_000001292087_00419_42056_7249.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_031022_000000362087_00419_42056_7251.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_032800_000003032087_00419_42056_7235.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_044556_000000512087_00420_42057_7260.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_050744_000003292087_00420_42057_7261.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_104313_000002432087_00423_42060_7340.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_122021_000002152087_00424_42061_7345.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_135245_000000382087_00425_42062_7358.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_143257_000000382087_00425_42062_7360.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_151426_000001232087_00426_42063_7362.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_165451_000002962087_00427_42064_7366.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_180136_000002392087_00428_42065_7367.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_182906_000003122087_00428_42065_7370.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_190803_000000972087_00428_42065_7371.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_200815_000001082087_00429_42066_7385.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_202010_000000482087_00429_42066_7386.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_204613_000001122087_00429_42066_7387.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_215055_000000912087_00430_42067_7406.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20100317_231737_000001652087_00431_42068_7425.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20100317_082723_000000922087_00422_42059_9063.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20100317_100708_000001562087_00423_42060_9088.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20100317_194901_000000922087_00429_42066_9228.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20100317_213028_000000372087_00430_42067_9237.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20100317_231632_000000922087_00431_42068_9241.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_1PNPDE20100317_004745_000002882087_00417_42054_7212.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_012905_000001162087_00418_42055_7216.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_022722_000002942087_00418_42055_7247.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_024652_000000862087_00418_42055_7248.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_040640_000003062087_00419_42056_7252.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_054909_000001472087_00420_42057_7279.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_063529_000000672087_00421_42058_7281.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_063953_000005632087_00421_42058_7278.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_071105_000001472087_00421_42058_7280.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_095912_000001412087_00423_42060_7338.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_101003_000000922087_00423_42060_7339.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_105119_000001712087_00423_42060_7341.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_114031_000001472087_00424_42061_7343.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_120526_000003062087_00424_42061_7344.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_141317_000001472087_00425_42062_7359.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_150423_000000862087_00426_42063_7361.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_155345_000001532087_00426_42063_7357.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_163110_000000982087_00427_42064_7363.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_164246_000000922087_00427_42064_7365.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_173517_000001222087_00427_42064_7364.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_180620_000001282087_00428_42065_7368.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_191507_000001472087_00428_42065_7369.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_205321_000003062087_00429_42066_7384.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_210401_000002692087_00429_42066_7388.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_212712_000000862087_00430_42067_7404.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_214617_000002692087_00430_42067_7405.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_223421_000003432087_00430_42067_7403.N1	OK	OK	OK	OK
ASA_WSM_1PNPDE20100317_232653_000002692087_00431_42068_7426.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_063754_000000982087_00421_42058_9043.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_064012_000002452087_00421_42058_9044.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_072958_000001532087_00421_42058_9060.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_081304_000000982087_00422_42059_9061.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_082206_000002942087_00422_42059_9062.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_090849_000003002087_00422_42059_9085.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_095417_000001042087_00423_42060_9086.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_100512_000000862087_00423_42060_9087.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_123038_000002452087_00424_42061_9133.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_131338_000000982087_00425_42062_9134.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_131446_000003492087_00425_42062_9130.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_145304_000005752087_00426_42063_9157.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_163118_000004832087_00427_42064_9174.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_163949_000001712087_00427_42064_9176.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_180859_000005932087_00428_42065_9193.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_181919_000001282087_00428_42065_9195.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_194827_000000242087_00429_42066_9225.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_195119_000005872087_00429_42066_9230.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_213307_000004652087_00430_42067_9238.N1	OK	OK	OK	OK
ASA_WSM_1PNPDK20100317_231343_000001652087_00431_42068_9240.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_1PNPDE20100317_000427_000008692087_00417_42054_7200.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_002139_000000592087_00417_42054_7199.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_002823_000004952087_00417_42054_7203.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_005232_000003302087_00417_42054_7204.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_005717_000002842087_00417_42054_7219.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_010839_000008992087_00417_42054_7222.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_014910_000000592087_00418_42055_7223.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_015138_000000592087_00418_42055_7225.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_020209_000009152087_00418_42055_7228.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_023217_000003302087_00418_42055_7231.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_025253_000002242087_00419_42056_7238.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_033547_000000742087_00419_42056_7237.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_033647_000009592087_00419_42056_7259.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_035607_000001052087_00419_42056_7258.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_041143_000001052087_00419_42056_7255.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_041544_000010642087_00419_42056_7264.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_051509_000010642087_00420_42057_7262.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_053239_000003602087_00420_42057_7275.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_055208_000019492087_00420_42057_7287.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_070913_000000592087_00421_42058_7286.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_201008_000005692087_00429_42066_7372.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_202103_000013642087_00429_42066_7375.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_205836_000000302087_00429_42066_7377.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_205836_000002852087_00429_42066_7389.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_213111_000000752087_00430_42067_7392.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_215234_000019192087_00430_42067_7394.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_224004_000003002087_00430_42067_7395.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_224419_000007942087_00430_42067_7410.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_230524_000004492087_00431_42068_7408.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_233220_000008842087_00431_42068_7413.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20100317_235808_000004202087_00431_42068_7415.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_071332_000002402087_00421_42058_9048.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_073244_000020542087_00421_42058_9051.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_084723_000007352087_00422_42059_9074.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_091346_000020992087_00422_42059_9077.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_102123_000011392087_00423_42060_9104.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_105407_000020692087_00423_42060_9107.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_114502_000011242087_00424_42061_9118.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_121041_000005402087_00424_42061_9121.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_123440_000004202087_00424_42061_9122.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_125239_000006882087_00424_42061_9124.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_132656_000008392087_00425_42062_9140.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_135843_000001652087_00425_42062_9142.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_141542_000004652087_00425_42062_9145.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_142820_000001042087_00425_42062_9146.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_143530_000001342087_00426_42063_9150.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_151640_000001642087_00426_42063_9162.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_152148_000012142087_00426_42063_9165.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_155619_000013492087_00426_42063_9167.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_165953_000013642087_00427_42064_9182.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_173720_000014242087_00427_42064_9184.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_183423_000017392087_00428_42065_9212.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_191730_000006002087_00428_42065_9214.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100317_193103_000001492087_00428_42065_9216.N1	OK	OK	OK	OK


Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
−10
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
Average P2[dB]
Average P3 [dB]
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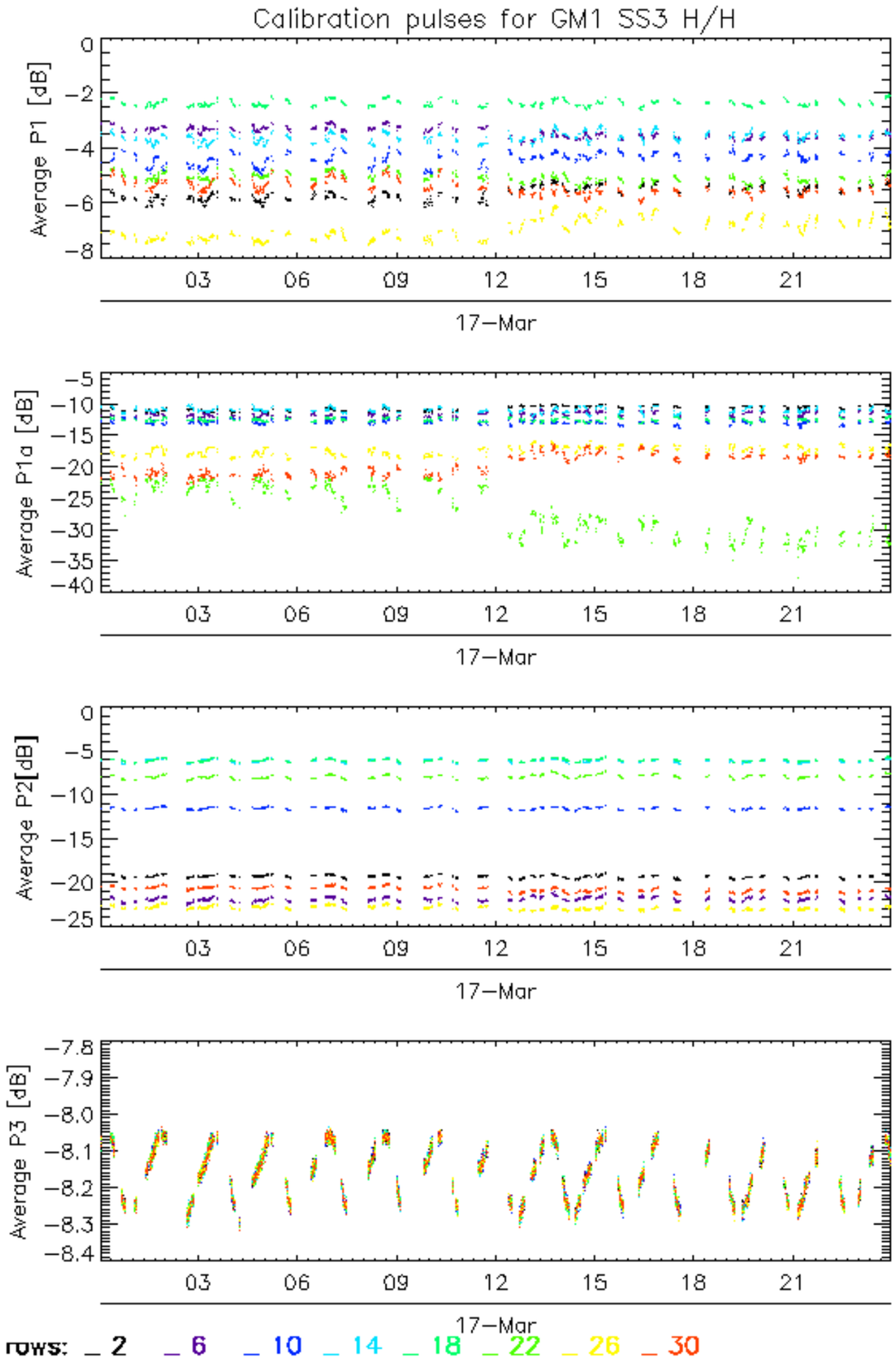
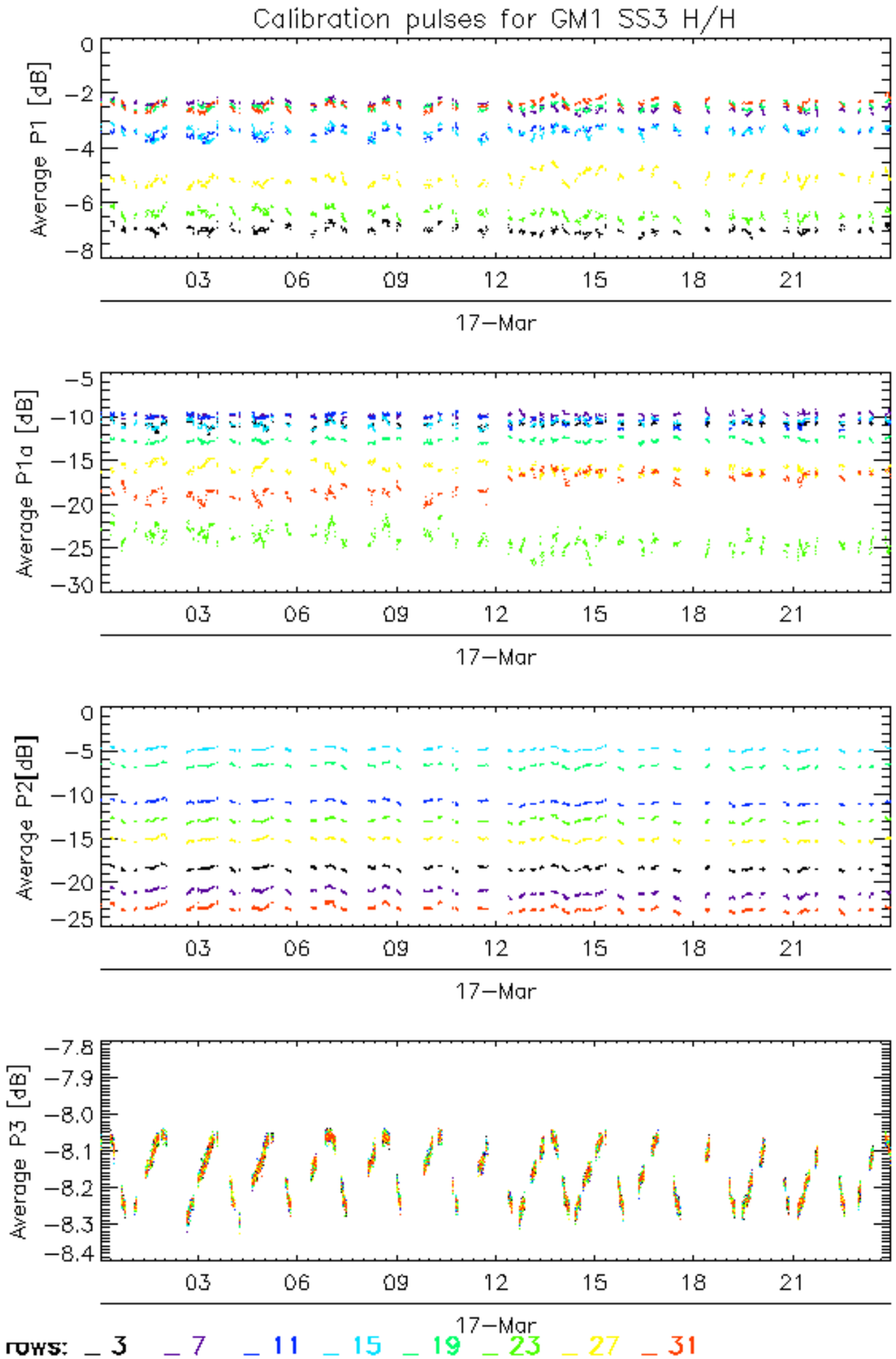
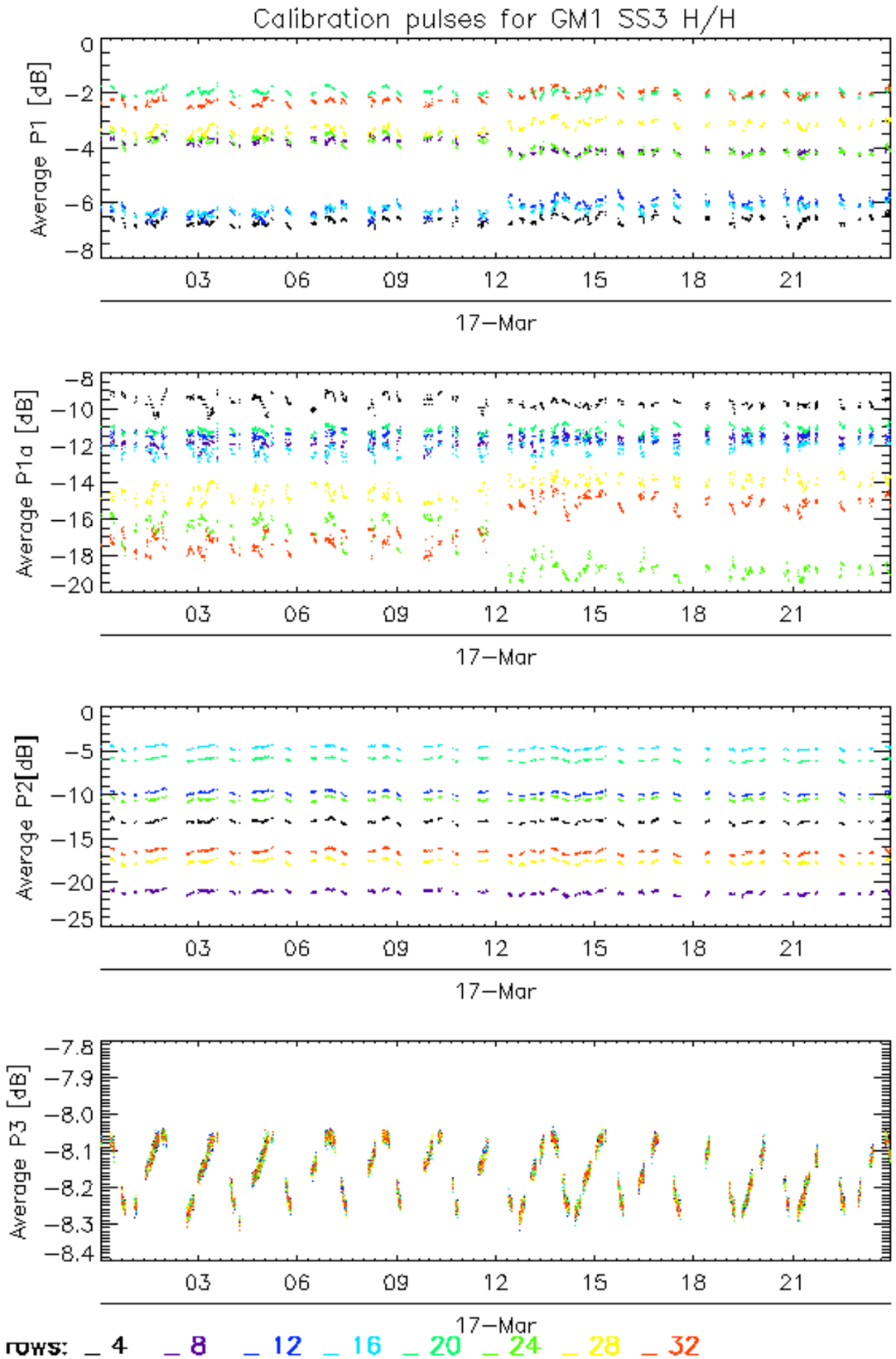
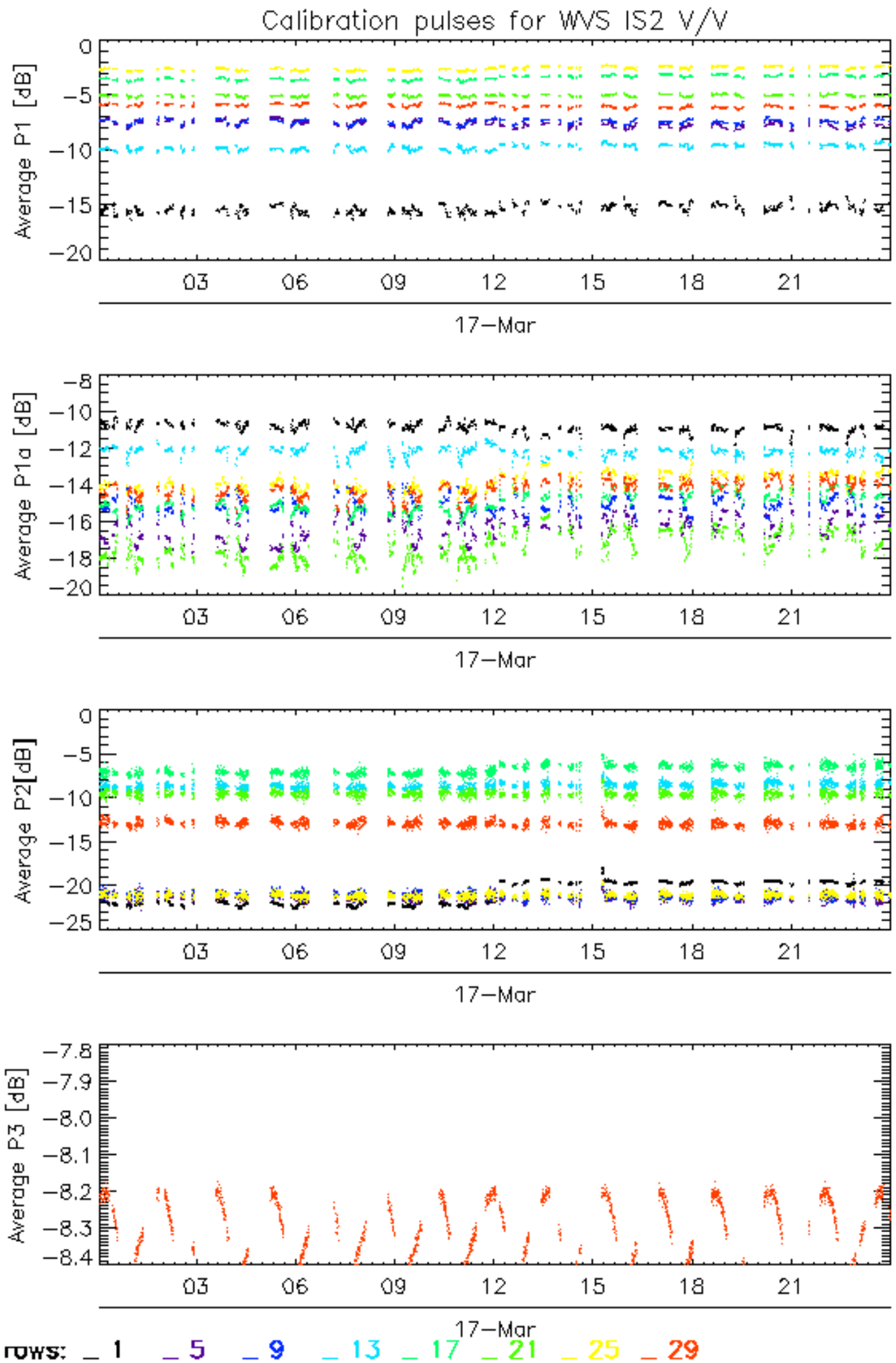
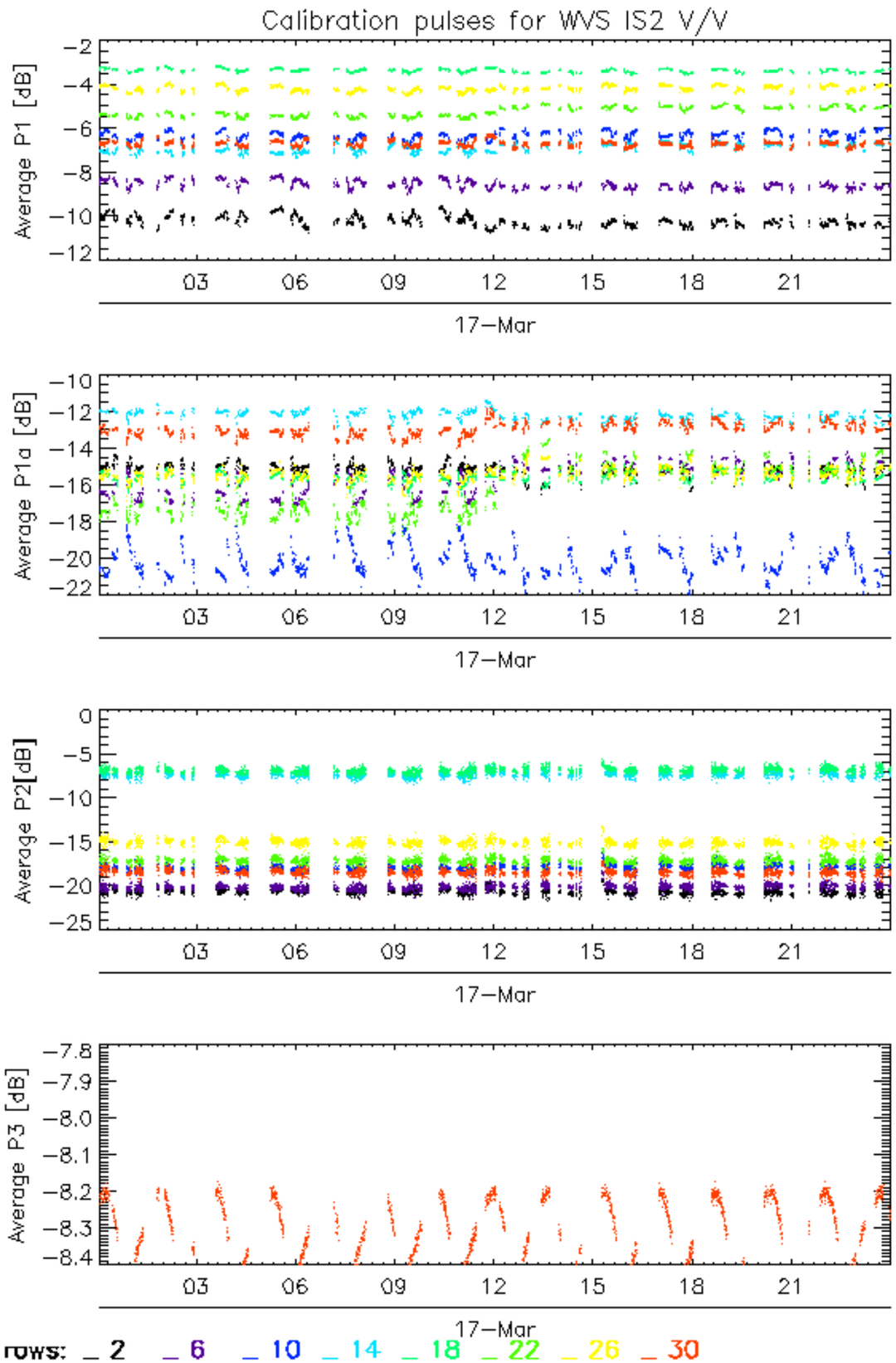
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: 1 5 9 13 17 21 25 29

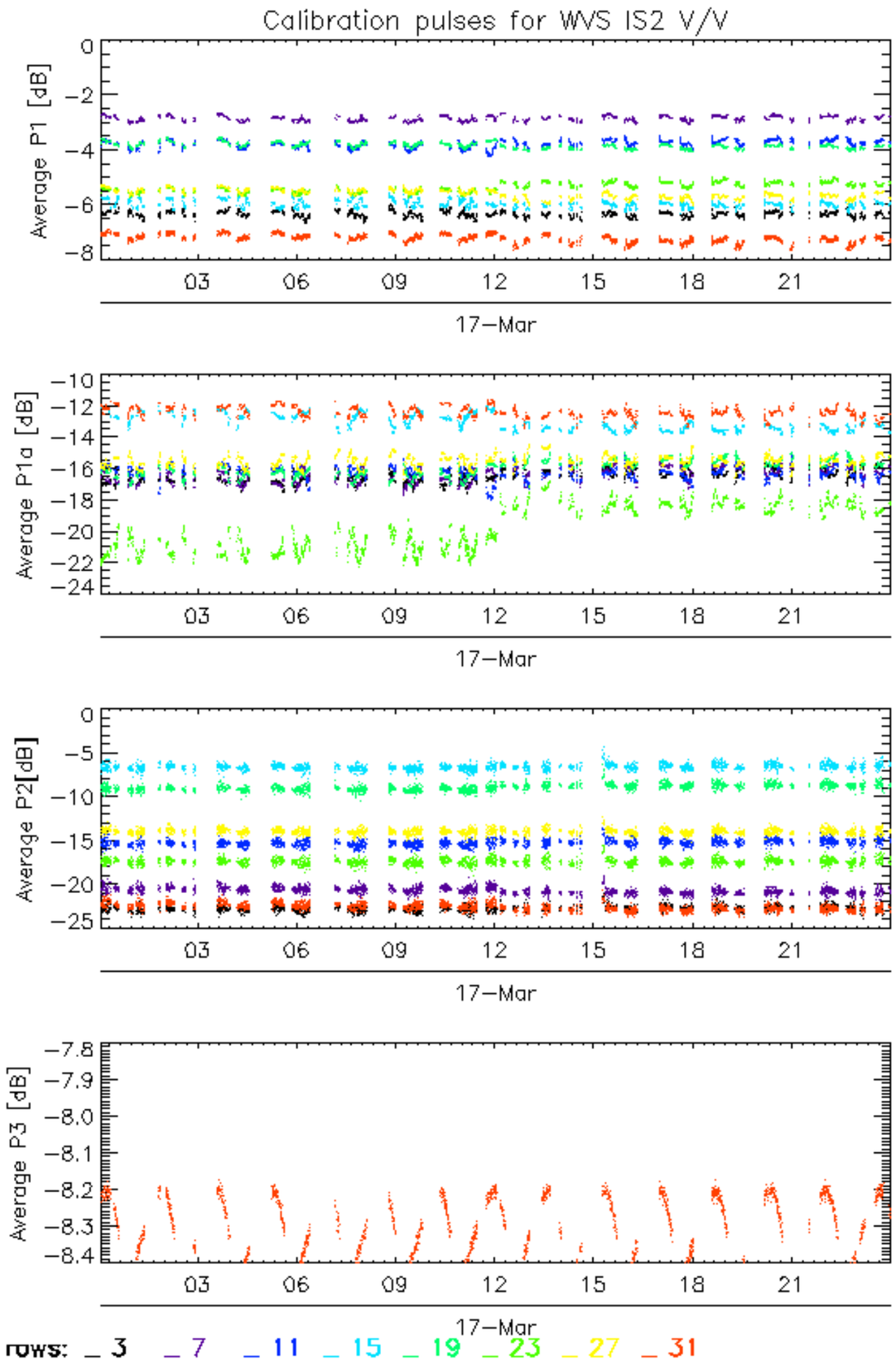

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
−30
−35
−40
03
06
09
12
15
18
21
17−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
17−Mar
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
03
06
09
12
15
18
21
17−Mar
rows: _ 2 _ 6 _ 10 _ 14 _ 18 _ 22 _ 26 _ 30

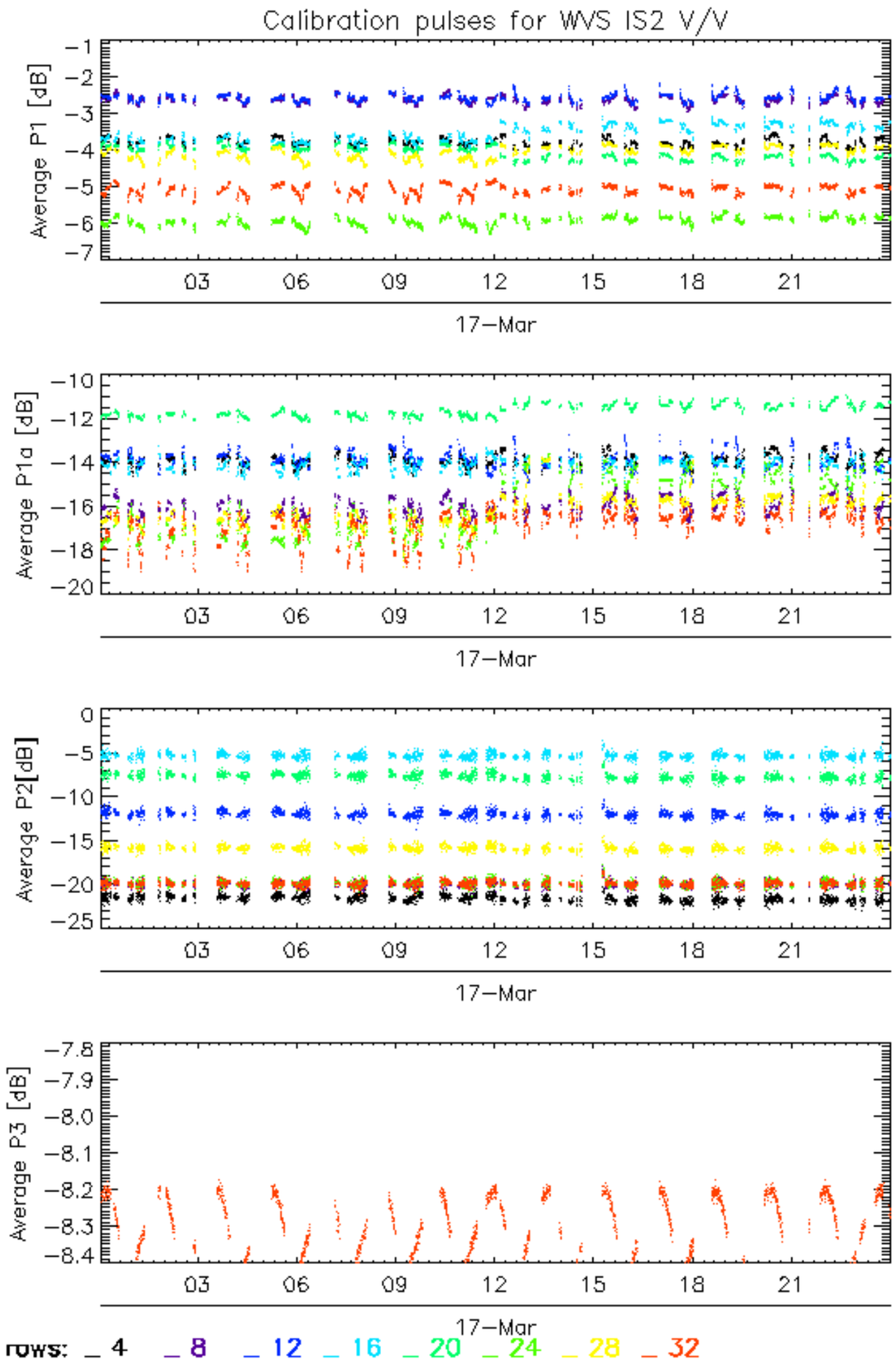

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−5
−10
−15
−20
−25
−30
Average P2[dB]
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

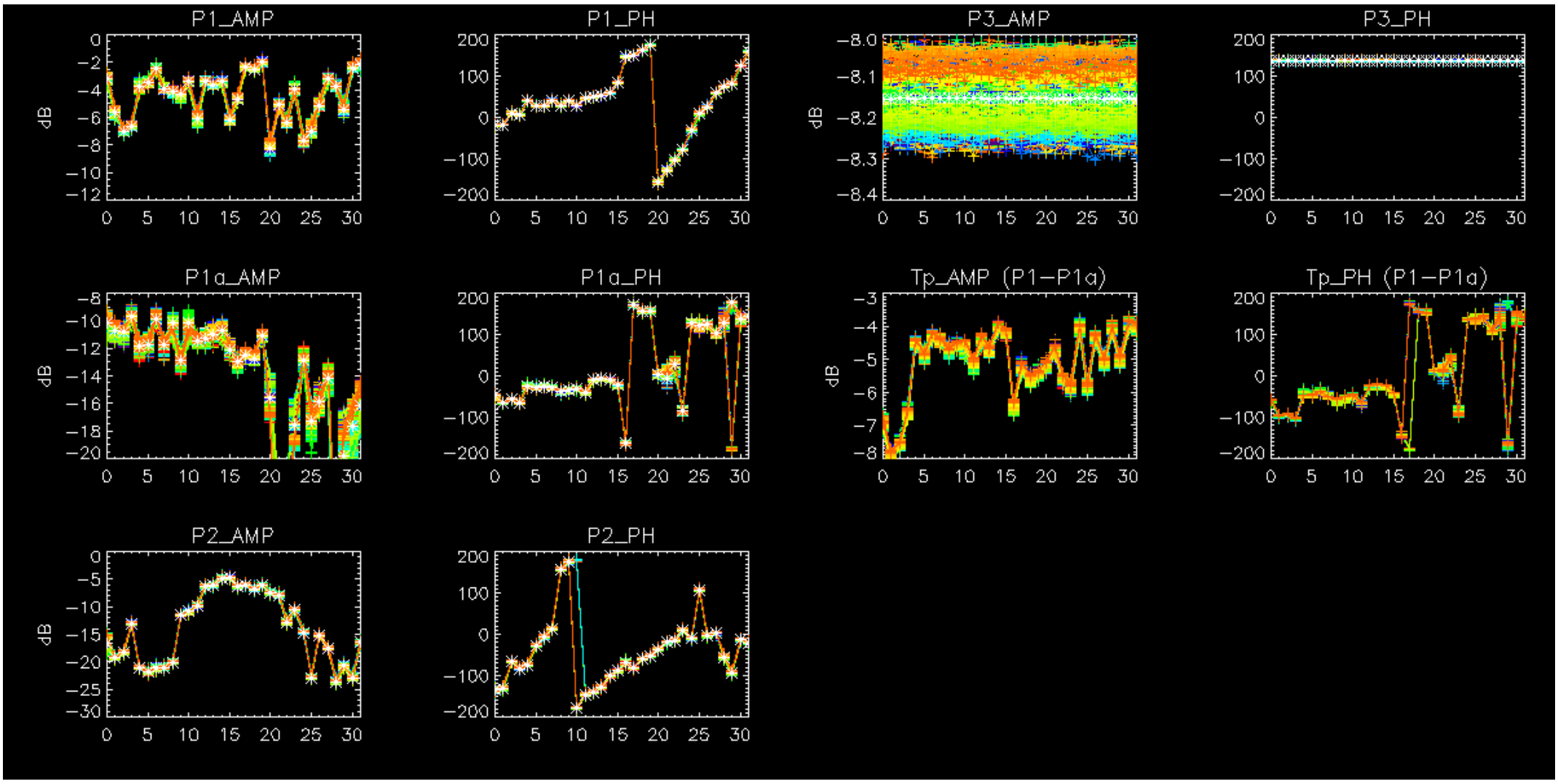

Calibration pulses for GM1 SS3 H/H
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2[dB]
−5
−15
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

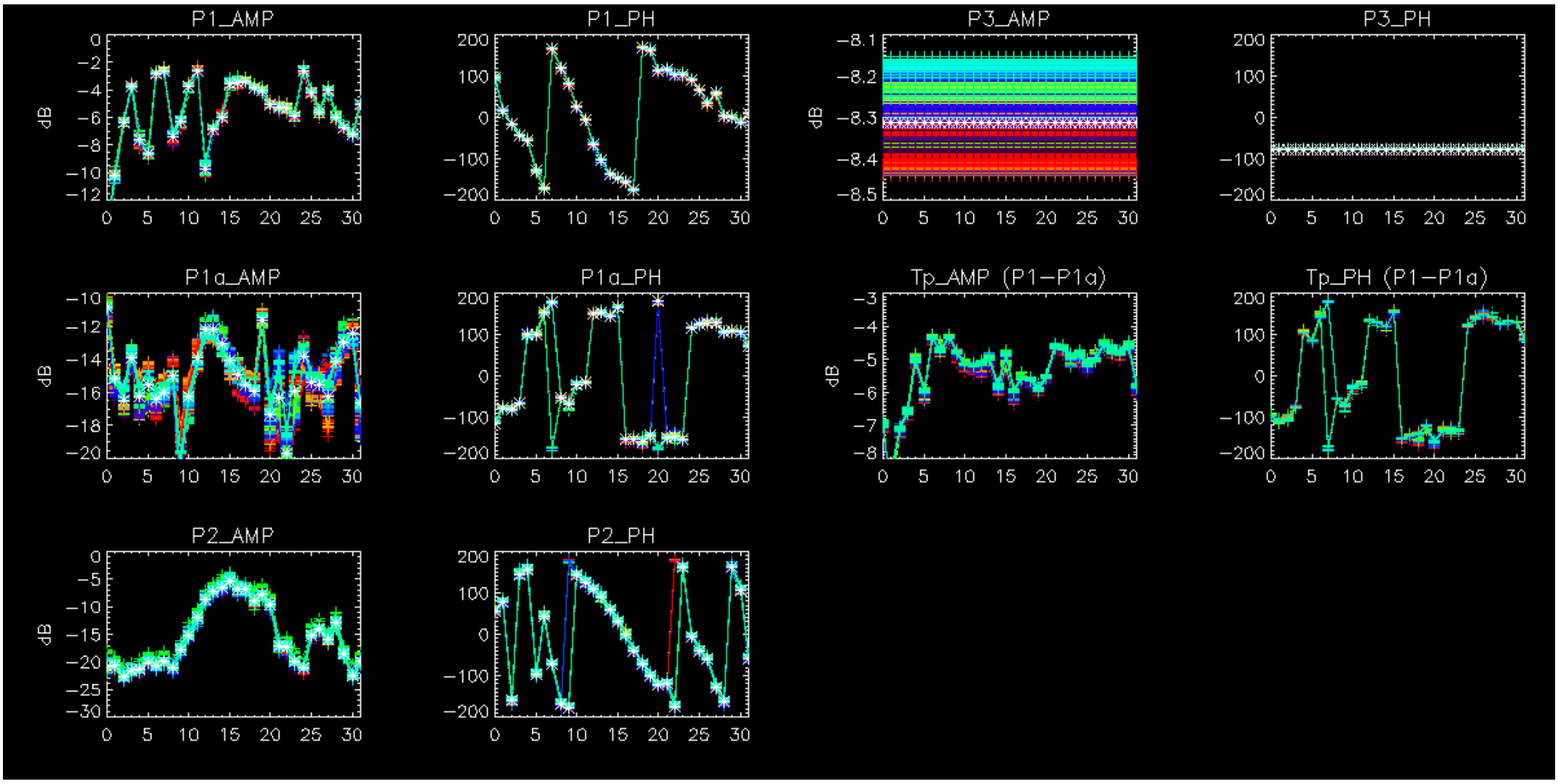

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−5
−10
−15
−20
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2[dB]
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

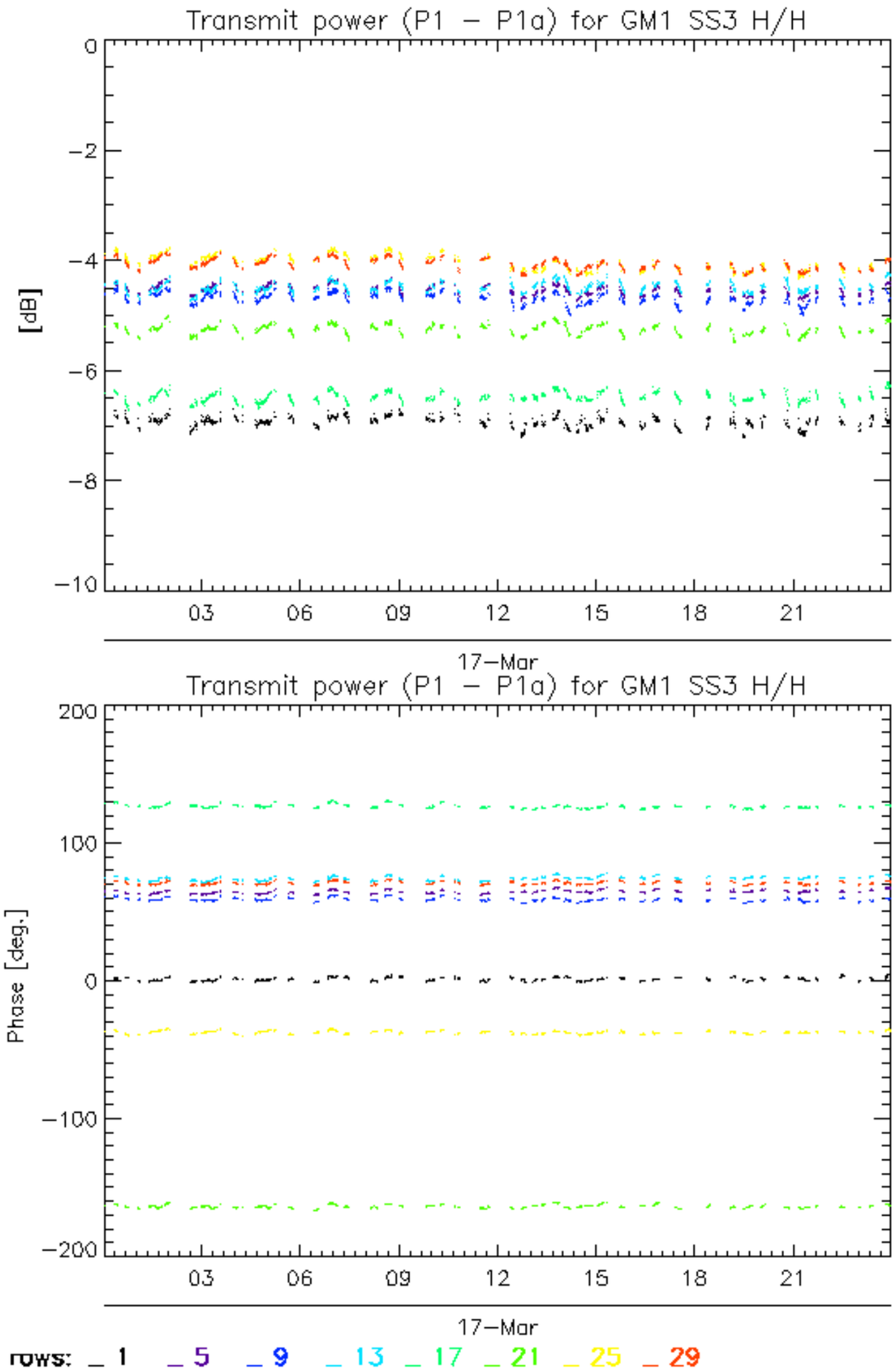

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−2
−4
−6
−8
−10
−12
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
03
06
09
12
15
18
21
17−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
17−Mar
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
03
06
09
12
15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

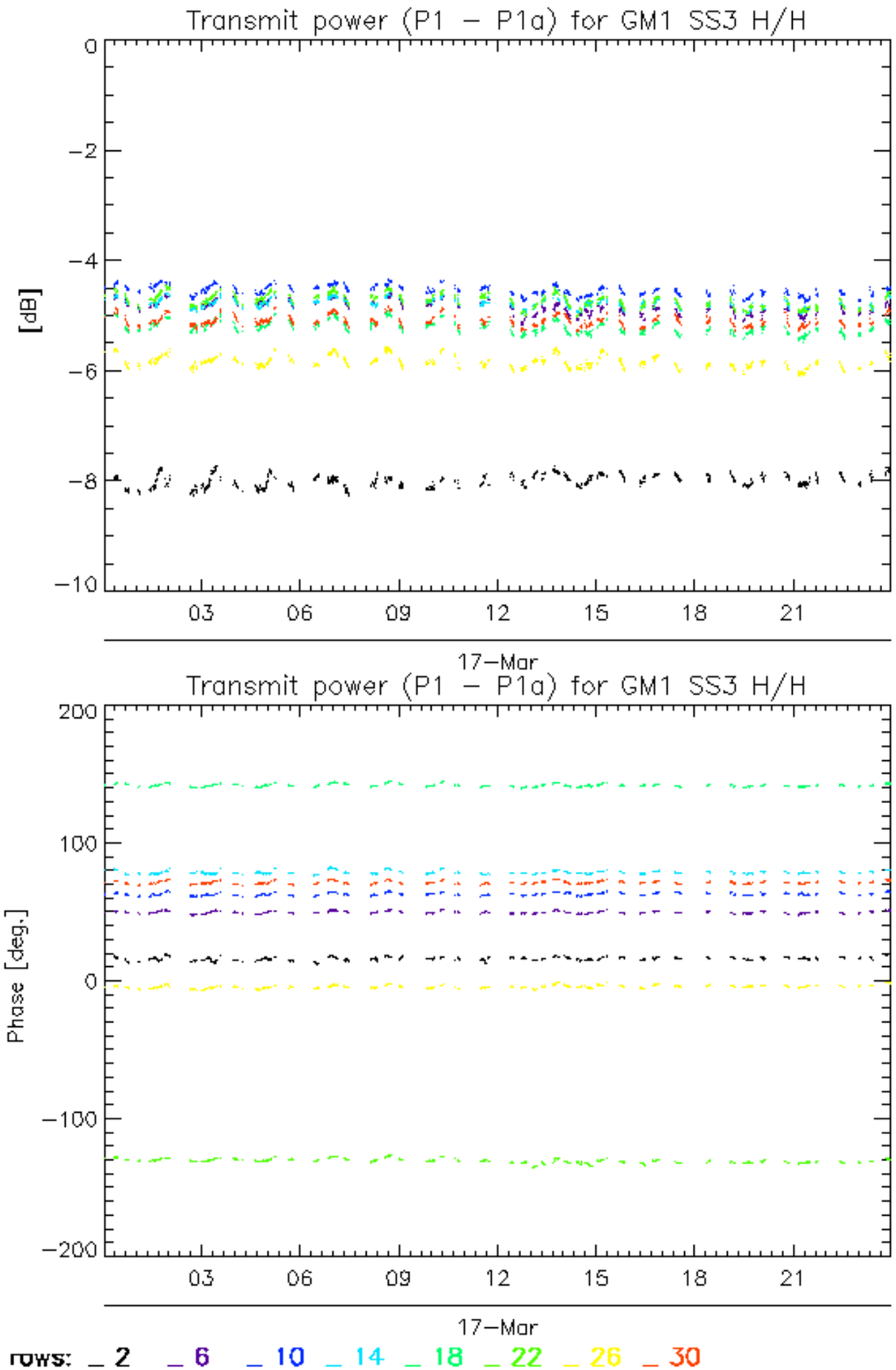

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
0
−2
−4
−6
−8
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
−22
−24
Average P2[dB]
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

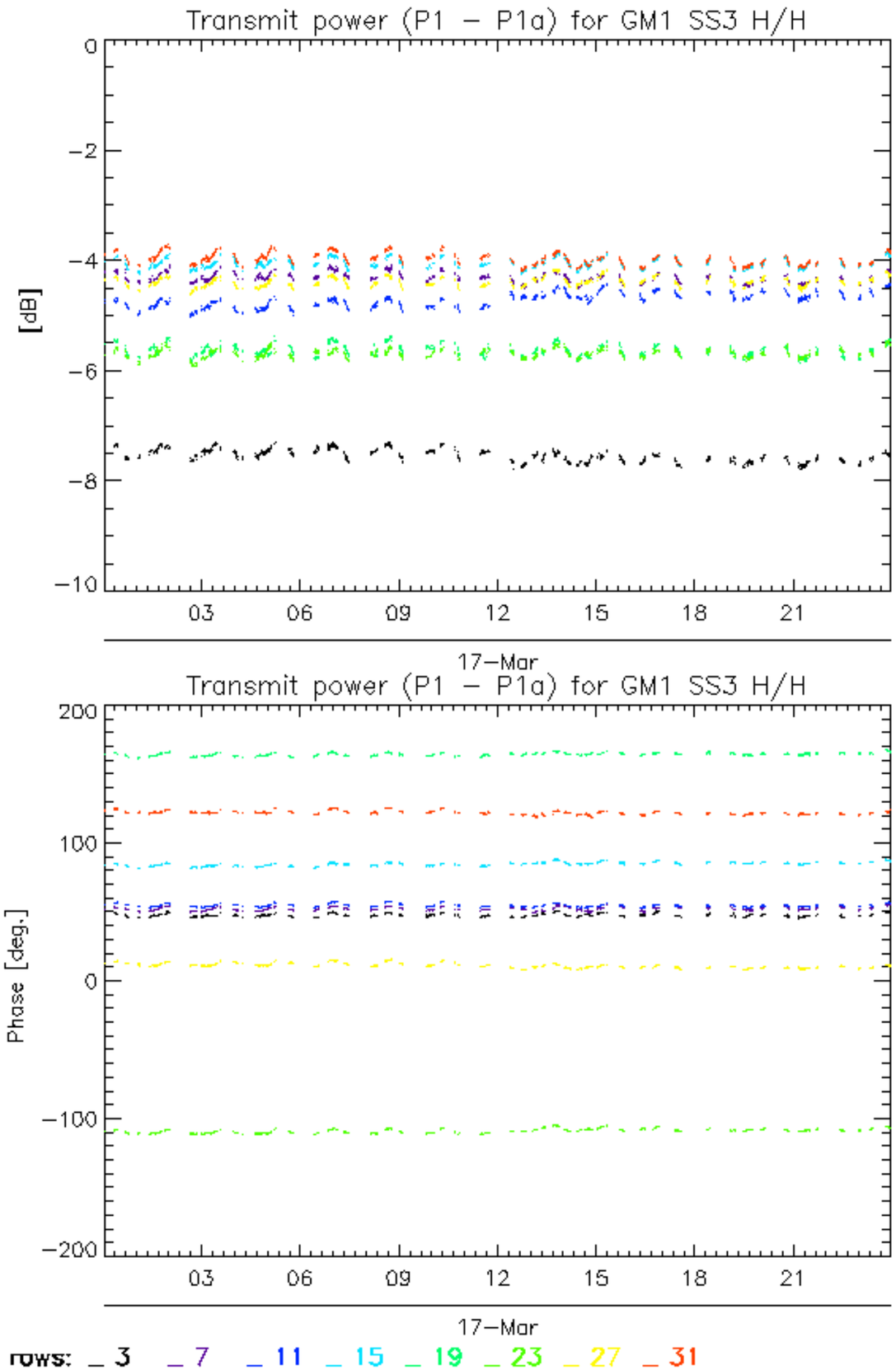

Calibration pulses for WVS IS2 V/V
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
03
06
09
12
15
18
21
17−Mar
Average P1a [dB]
−10
−12
−14
−16
−18
−20
03
06
09
12
15
18
21
17−Mar
Average P2[dB]
0
−5
−10
−15
−20
−25
03
06
09
12
15
18
21
17−Mar
Average P3 [dB]
−7.8
−7.9
−8.0
−8.1
−8.2
−8.3
−8.4
03
06
09
12
15
18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

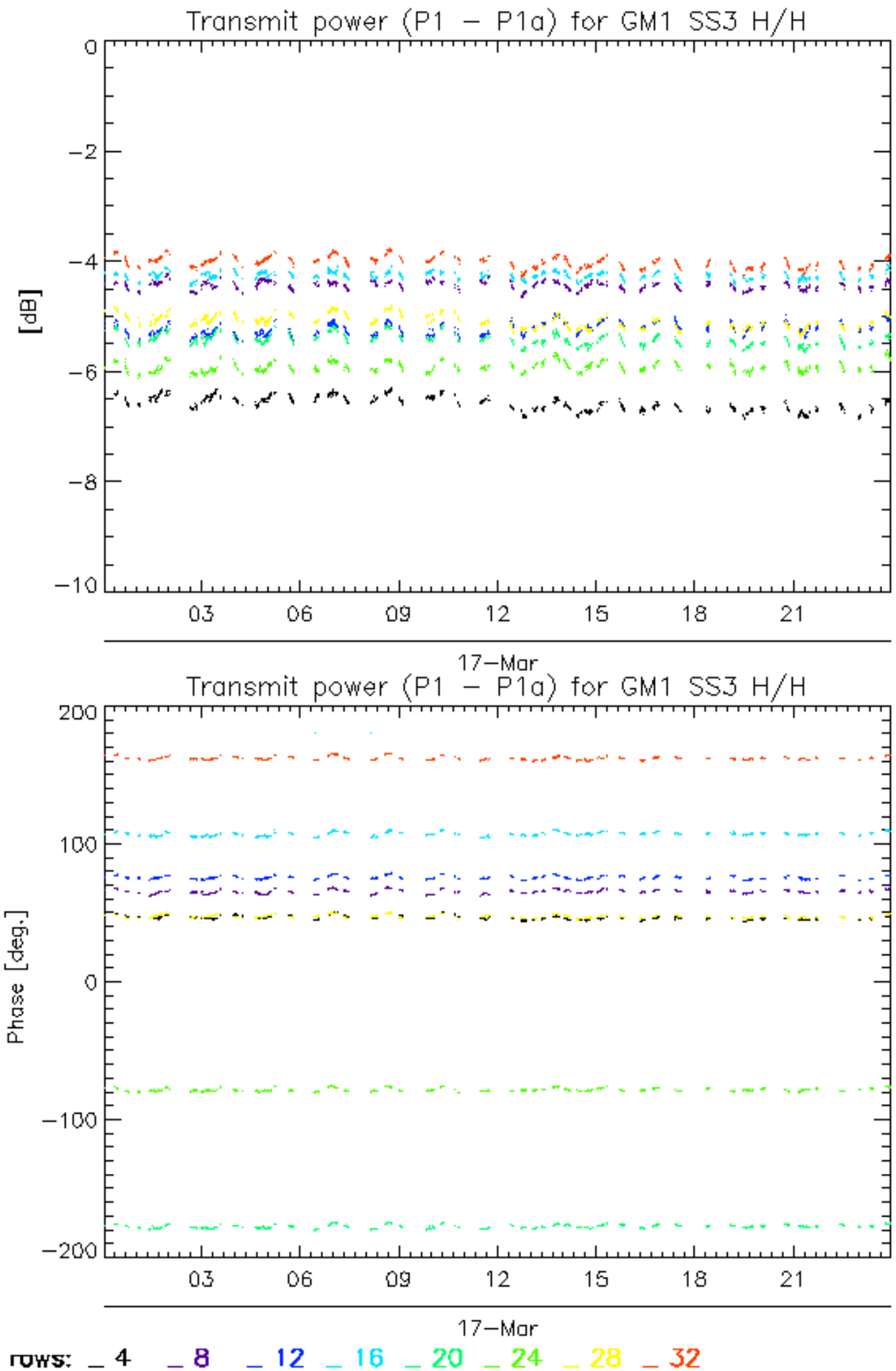

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

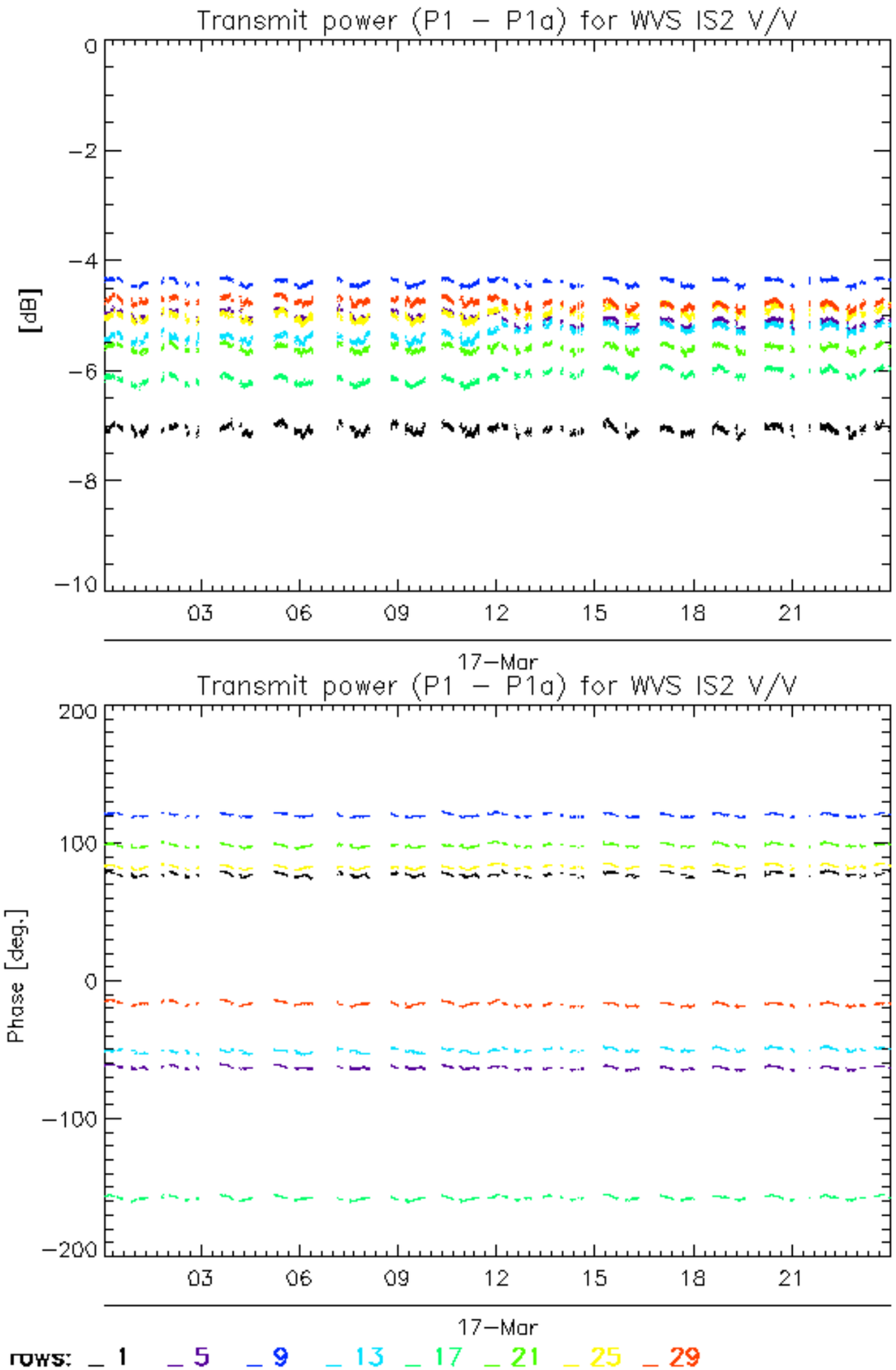

P1_AMP
dB
P1_PH
P3_AMP
dB
P3_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH

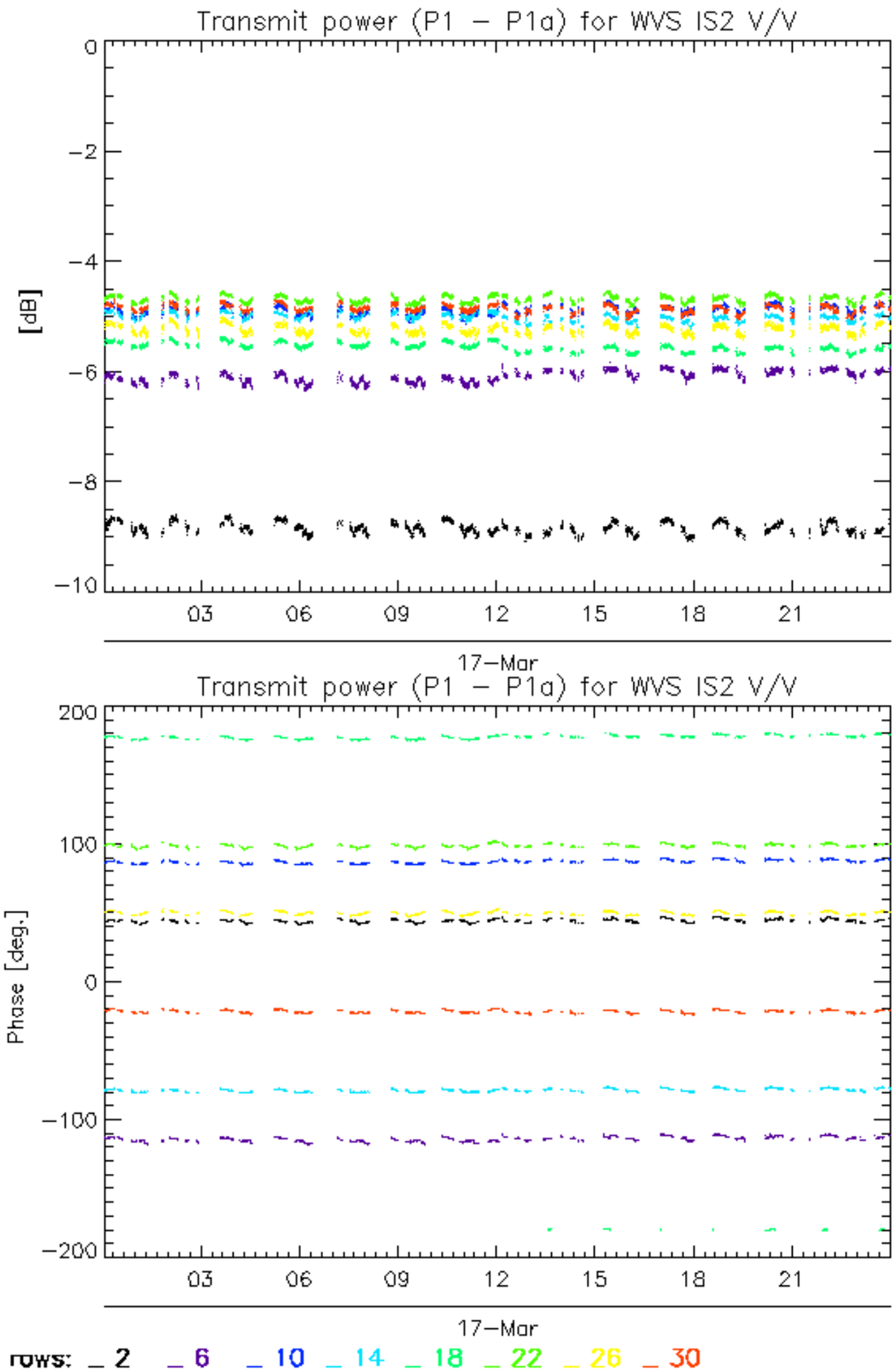

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 1 5 9 13 17 21 25 29

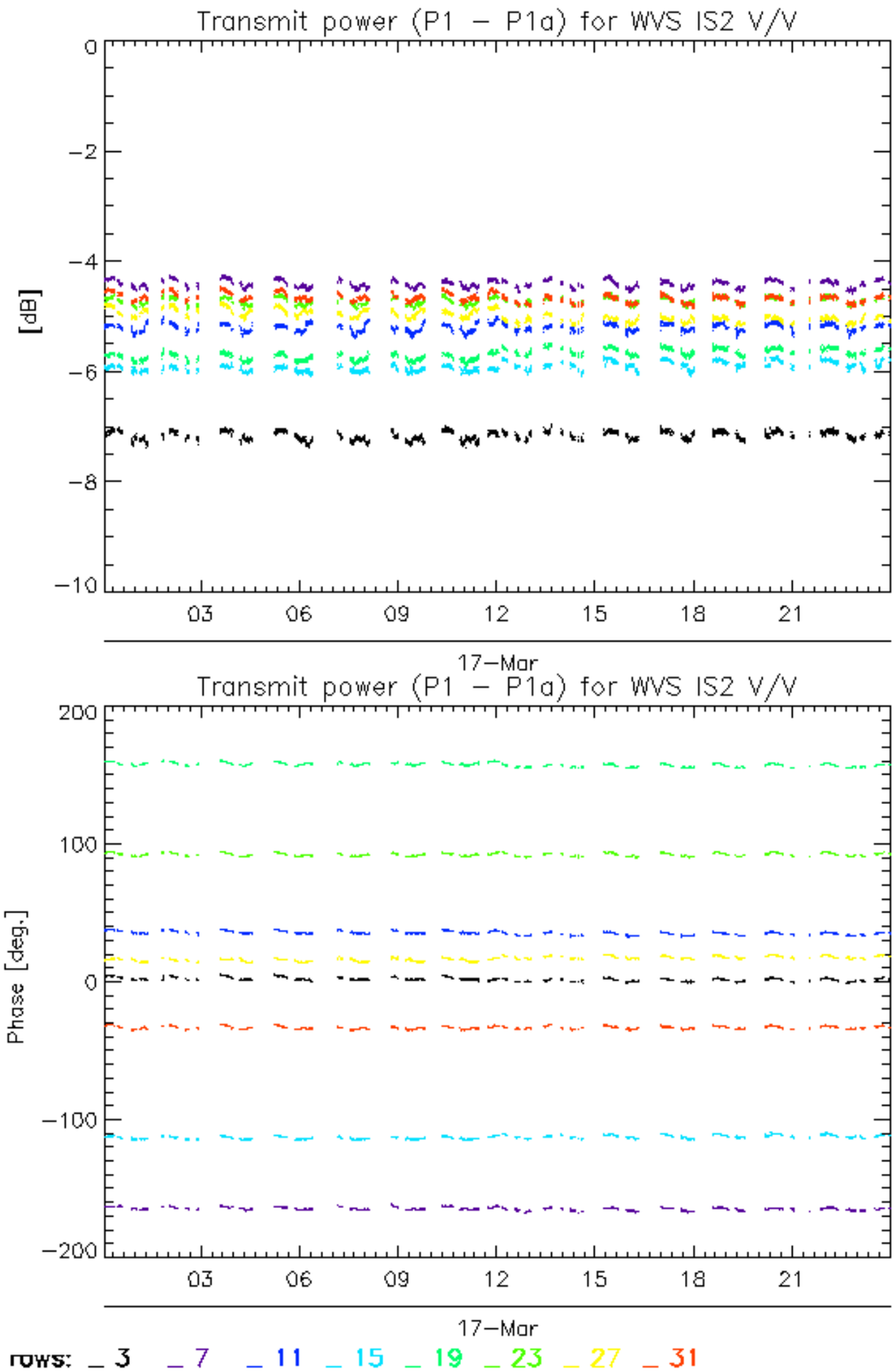

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 2 6 10 14 18 22 26 30

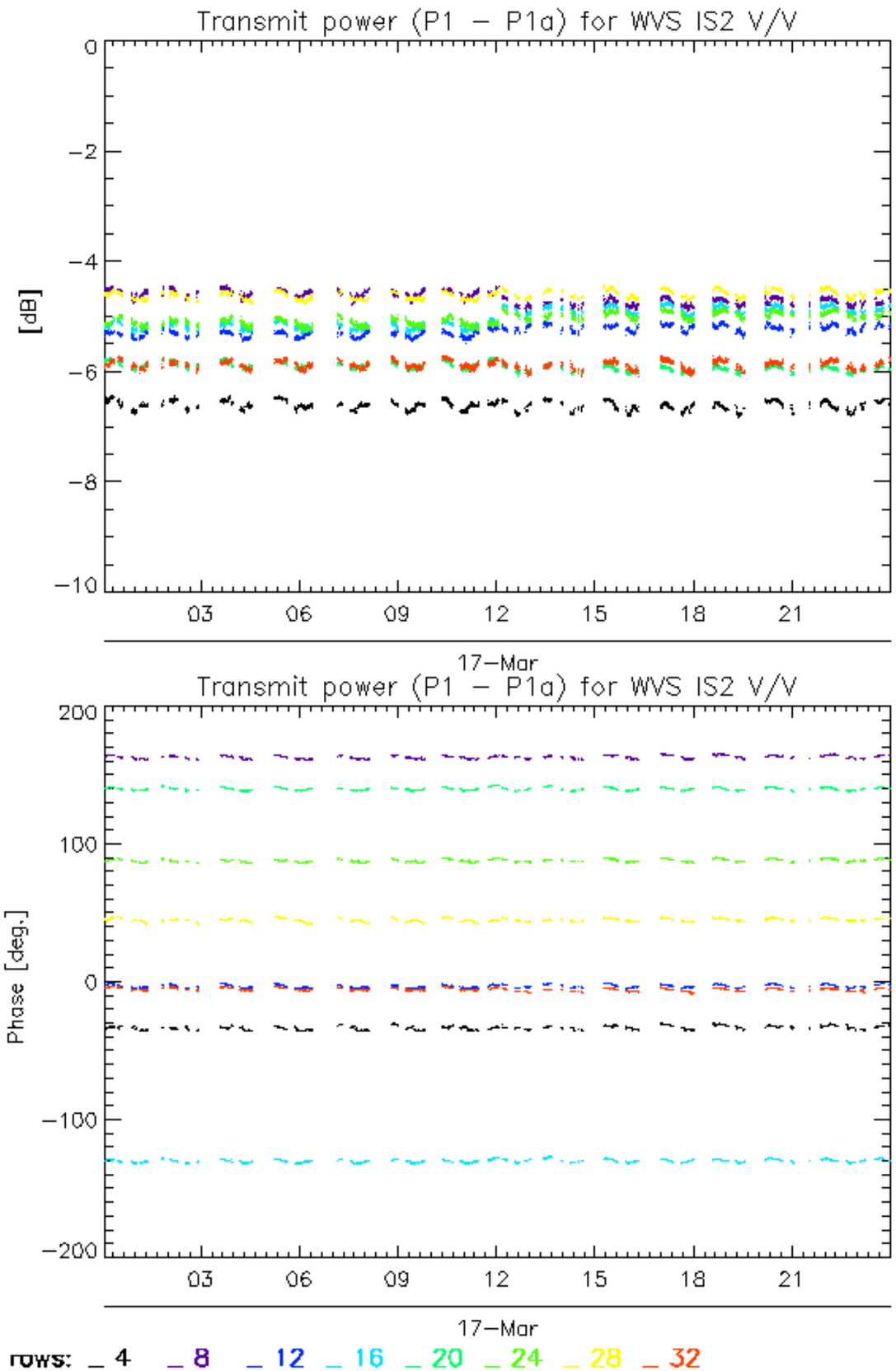

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 3 7 11 15 19 23 27 31

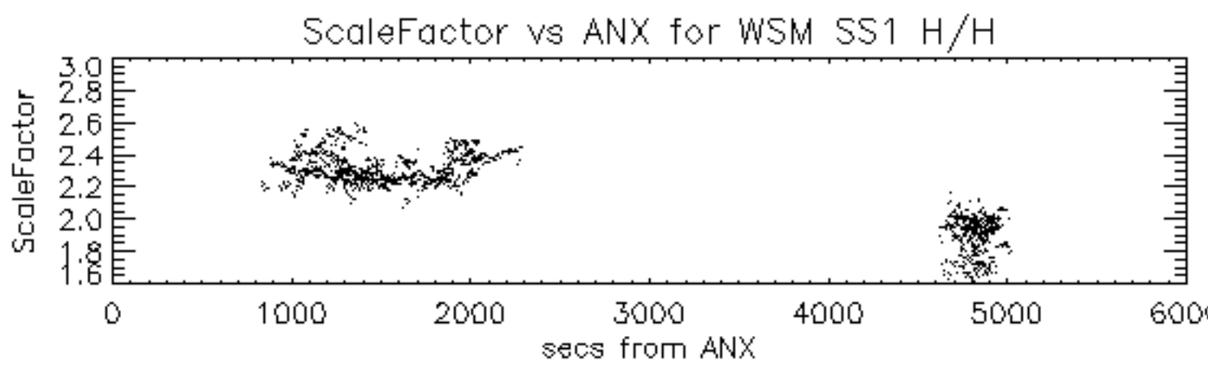

Transmit power (P1 – P1a) for GM1 SS3 H/H
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for GM1 SS3 H/H
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 4 8 12 16 20 24 28 32

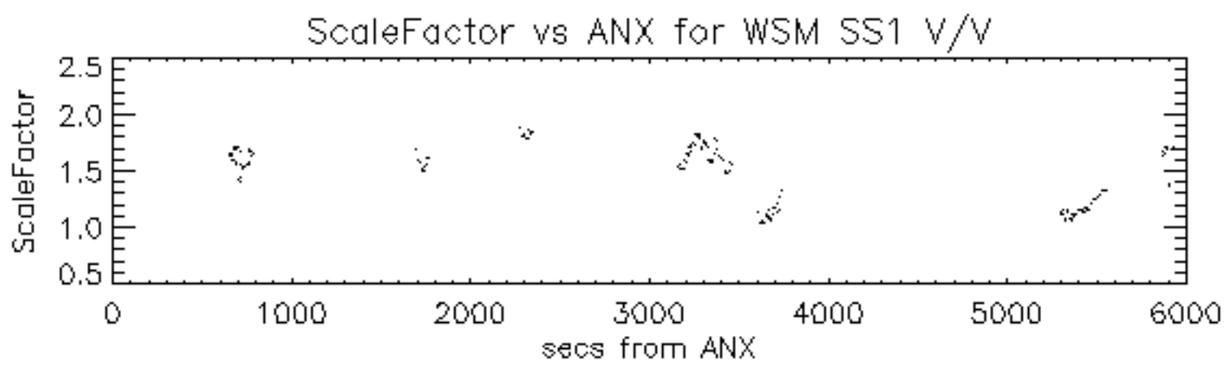

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 1 5 9 13 17 21 25 29

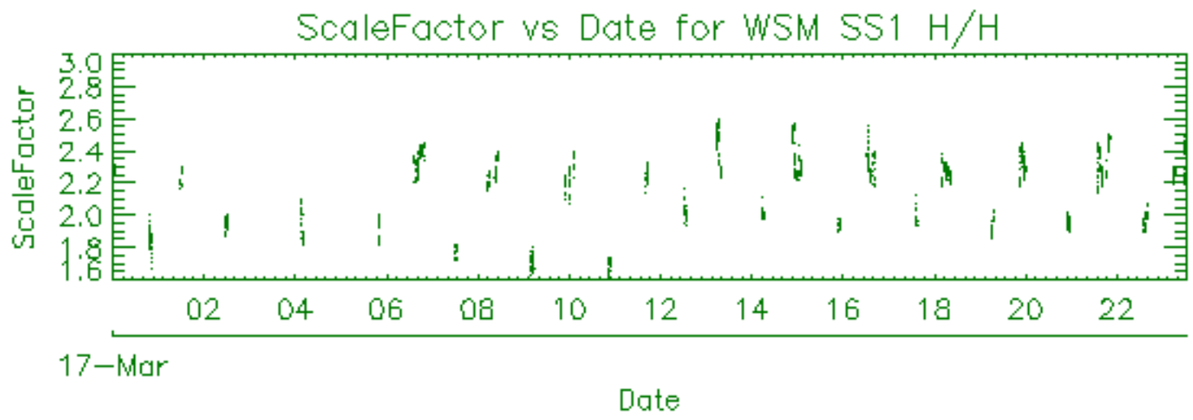

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 2 6 10 14 18 22 26 30

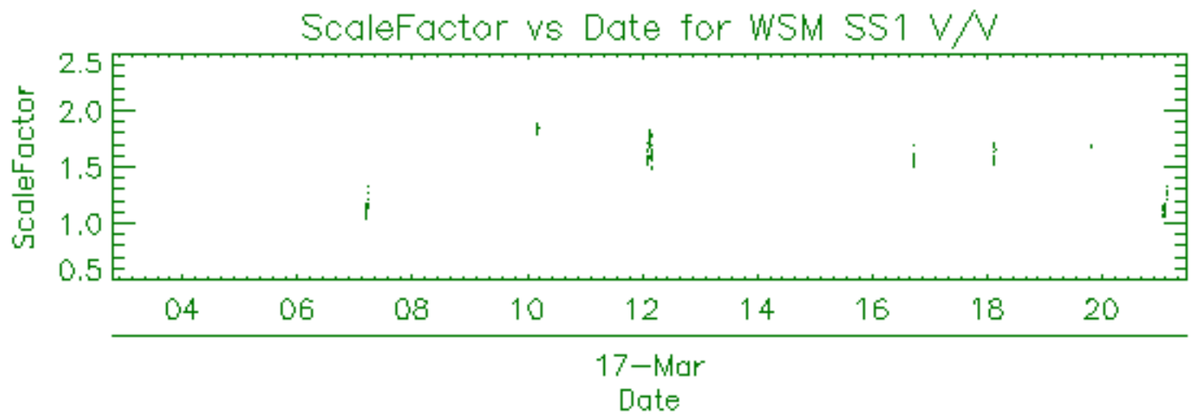

Transmit power (P1 – P1a) for WVS IS2 V/V
0
−2
−4
−6
−8
−10
[dB]
03
06
09
12
15
18
21
17−Mar
Transmit power (P1 – P1a) for WVS IS2 V/V
200
100
0
−100
−200
Phase [deg.]
03
06
09
12
15
18
21
17−Mar
rows: 3 7 11 15 19 23 27 31


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


ScaleFactor vs ANX for WSM SS1 H/H
ScaleFactor
3.0
2.8
2.6
2.4
2.2
2.0
1.8
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs ANX for WSM SS1 V/V
ScaleFactor
2.5
2.0
1.5
1.0
0.5
0
1000
2000
3000
4000
5000
6000
secs from ANX


ScaleFactor vs Date for WSM SS1 H/H
ScaleFactor
3.0
2.8
2.6
2.4
2.2
2.0
1.8
02
04
06
08
10
12
14
16
18
20
22
17–Mar
Date


ScaleFactor vs Date for WSM SS1 V/V
ScaleFactor
2.5
2.0
1.5
1.0
0.5
04
06
08
10
12
14
16
18
20
17—Mar
Date

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
ASA_APM_1PNPDE20100317_030145_000000432087_00419_42056_7250.N1	IS7	V/H	87	42056	419	5.03				
ASA_APM_1PNPDE20100317_043412_000002392087_00420_42057_7253.N1	IS4	V/H	87	42057	420	5.03				
ASA_APM_1PNPDE20100317_113938_000000442087_00424_42061_7342.N1	IS4	H/H	87	42061	424	5.03				
ASA_APM_1PNPDK20100317_113938_000000422087_00424_42061_9106.N1	IS4	H/H	87	42061	424	5.03				

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_GM1_1PNPDE20100317_000304_000000782087_00417_42054_7198.N1	SS1	H/H	87	42054	417	5.03
ASA_GM1_1PNPDE20100317_001945_000001082087_00417_42054_7201.N1	SS1	H/H	87	42054	417	5.03
ASA_GM1_1PNPDE20100317_002319_000003022087_00417_42054_7202.N1	SS1	H/H	87	42054	417	5.03
ASA_GM1_1PNPDE20100317_003915_000005012087_00417_42054_7205.N1	SS1	H/H	87	42054	417	5.03
ASA_GM1_1PNPDE20100317_010428_000002472087_00417_42054_7220.N1	SS1	H/H	87	42054	417	5.03
ASA_GM1_1PNPDE20100317_012426_000002712087_00418_42055_7221.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_013106_000010812087_00418_42055_7224.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_015335_000003262087_00418_42055_7226.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_020041_000000842087_00418_42055_7227.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_023836_000004892087_00418_42055_7230.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_024822_000002712087_00418_42055_7232.N1	SS1	H/H	87	42055	418	5.03
ASA_GM1_1PNPDE20100317_025939_000001202087_00419_42056_7233.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_030250_000004532087_00419_42056_7234.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_031112_000010092087_00419_42056_7239.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_033314_000001502087_00419_42056_7236.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_035841_000004712087_00419_42056_7257.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_041413_000000842087_00419_42056_7256.N1	SS1	H/H	87	42056	419	5.03
ASA_GM1_1PNPDE20100317_043831_000004472087_00420_42057_7254.N1	SS1	H/H	87	42057	420	5.03
ASA_GM1_1PNPDE20100317_044659_000012332087_00420_42057_7265.N1	SS1	H/H	87	42057	420	5.03
ASA_GM1_1PNPDE20100317_051325_000000962087_00420_42057_7263.N1	SS1	H/H	87	42057	420	5.03
ASA_GM1_1PNPDE20100317_053917_000005862087_00420_42057_7282.N1	SS1	H/H	87	42057	420	5.03
ASA_GM1_1PNPDE20100317_062527_000005982087_00421_42058_7288.N1	SS1	H/H	87	42058	421	5.03
ASA_GM1_1PNPDE20100317_064921_000011902087_00421_42058_7285.N1	SS1	H/H	87	42058	421	5.03
ASA_GM1_1PNPDK20100317_071954_000005982087_00421_42058_9050.N1	SS1	H/H	87	42058	421	5.03
ASA_GM1_1PNPDK20100317_080742_000003142087_00422_42059_9049.N1	SS1	H/H	87	42059	422	5.03
ASA_GM1_1PNPDK20100317_081447_000003382087_00422_42059_9052.N1	SS1	H/H	87	42059	422	5.03
ASA_GM1_1PNPDK20100317_081935_000001442087_00422_42059_9072.N1	SS1	H/H	87	42059	422	5.03
ASA_GM1_1PNPDK20100317_083451_000007492087_00422_42059_9073.N1	SS1	H/H	87	42059	422	5.03
ASA_GM1_1PNPDK20100317_090024_000005012087_00422_42059_9075.N1	SS1	H/H	87	42059	422	5.03
ASA_GM1_1PNPDK20100317_094921_000002892087_00423_42060_9076.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_095606_000001812087_00423_42060_9078.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_100140_000002052087_00423_42060_9100.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_101536_000003442087_00423_42060_9103.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_104106_000001262087_00423_42060_9102.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_104728_000002232087_00423_42060_9105.N1	SS1	H/H	87	42060	423	5.03
ASA_GM1_1PNPDK20100317_112915_000005432087_00424_42061_9108.N1	SS1	H/H	87	42061	424	5.03
ASA_GM1_1PNPDK20100317_113707_000001502087_00424_42061_9117.N1	SS1	H/H	87	42061	424	5.03
ASA_GM1_1PNPDK20100317_114305_000001082087_00424_42061_9119.N1	SS1	H/H	87	42061	424	5.03
ASA_GM1_1PNPDK20100317_122404_000003862087_00424_42061_9120.N1	SS1	H/H	87	42061	424	5.03
ASA_GM1_1PNPDK20100317_124231_000006042087_00424_42061_9123.N1	SS1	H/H	87	42061	424	5.03
ASA_GM1_1PNPDK20100317_130443_000005312087_00425_42062_9125.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_132036_000003802087_00425_42062_9139.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_134134_000006712087_00425_42062_9141.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_140215_000006282087_00425_42062_9144.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_142410_000002472087_00425_42062_9149.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_143053_000001202087_00425_42062_9148.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_143347_000000962087_00425_42062_9147.N1	SS1	H/H	87	42062	425	5.03
ASA_GM1_1PNPDK20100317_144006_000007732087_00426_42063_9151.N1	SS1	H/H	87	42063	426	5.03
ASA_GM1_1PNPDK20100317_150245_000000842087_00426_42063_9161.N1	SS1	H/H	87	42063	426	5.03
ASA_GM1_1PNPDK20100317_150553_000005132087_00426_42063_9163.N1	SS1	H/H	87	42063	426	5.03
ASA_GM1_1PNPDK20100317_152010_000000902087_00426_42063_9164.N1	SS1	H/H	87	42063	426	5.03
ASA_GM1_1PNPDK20100317_154251_000006282087_00426_42063_9166.N1	SS1	H/H	87	42063	426	5.03
ASA_GM1_1PNPDK20100317_161940_000006832087_00427_42064_9168.N1	SS1	H/H	87	42064	427	5.03
ASA_GM1_1PNPDK20100317_164419_000006282087_00427_42064_9181.N1	SS1	H/H	87	42064	427	5.03
ASA_GM1_1PNPDK20100317_172327_000007072087_00427_42064_9185.N1	SS1	H/H	87	42064	427	5.03
ASA_GM1_1PNPDK20100317_182139_000004472087_00428_42065_9210.N1	SS1	H/H	87	42065	428	5.03
ASA_GM1_1PNPDK20100317_190405_000002412087_00428_42065_9211.N1	SS1	H/H	87	42065	428	5.03
ASA_GM1_1PNPDK20100317_190951_000003082087_00428_42065_9215.N1	SS1	H/H	87	42065	428	5.03
ASA_GM1_1PNPDK20100317_192814_000001632087_00428_42065_9213.N1	SS1	H/H	87	42065	428	5.03
ASA_GM1_1PNPDK20100317_193412_000007432087_00428_42065_9217.N1	SS1	H/H	87	42065	428	5.03
ASA_GM1_1PNPDE20100317_200108_000004282087_00429_42066_7373.N1	SS1	H/H	87	42066	429	5.03
ASA_GM1_1PNPDE20100317_204440_000000902087_00429_42066_7374.N1	SS1	H/H	87	42066	429	5.03
ASA_GM1_1PNPDE20100317_204816_000002952087_00429_42066_7376.N1	SS1	H/H	87	42066	429	5.03
ASA_GM1_1PNPDE20100317_210835_000010812087_00429_42066_7390.N1	SS1	H/H	87	42066	429	5.03
ASA_GM1_1PNPDE20100317_212846_000000962087_00430_42067_7391.N1	SS1	H/H	87	42067	430	5.03
ASA_GM1_1PNPDE20100317_214056_000003142087_00430_42067_7393.N1	SS1	H/H	87	42067	430	5.03
ASA_GM1_1PNPDE20100317_222514_000005432087_00430_42067_7396.N1	SS1	H/H	87	42067	430	5.03

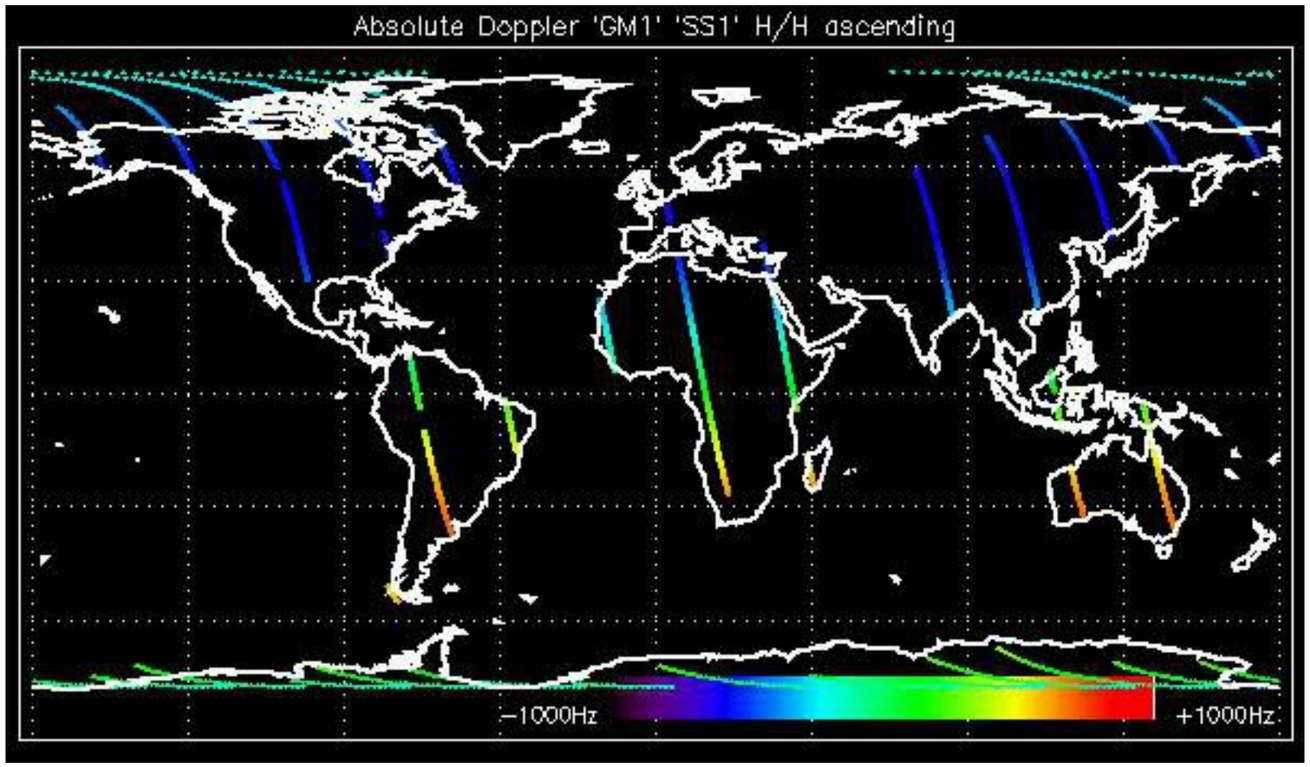
ASA_GM1_1PNPDE20100317_225818_000003322087_00431_42068_7411.N1	SS1	H/H	87	42068	431	5.03
ASA_GM1_1PNPDE20100317_232029_000003802087_00431_42068_7409.N1	SS1	H/H	87	42068	431	5.03
ASA_GM1_1PNPDE20100317_234750_000001382087_00431_42068_7412.N1	SS1	H/H	87	42068	431	5.03
ASA_GM1_1PNPDE20100317_235130_000003082087_00431_42068_7407.N1	SS1	H/H	87	42068	431	5.03
ASA_GM1_1PNPDE20100317_235643_000000782087_00431_42068_7414.N1	SS1	H/H	87	42068	431	5.03

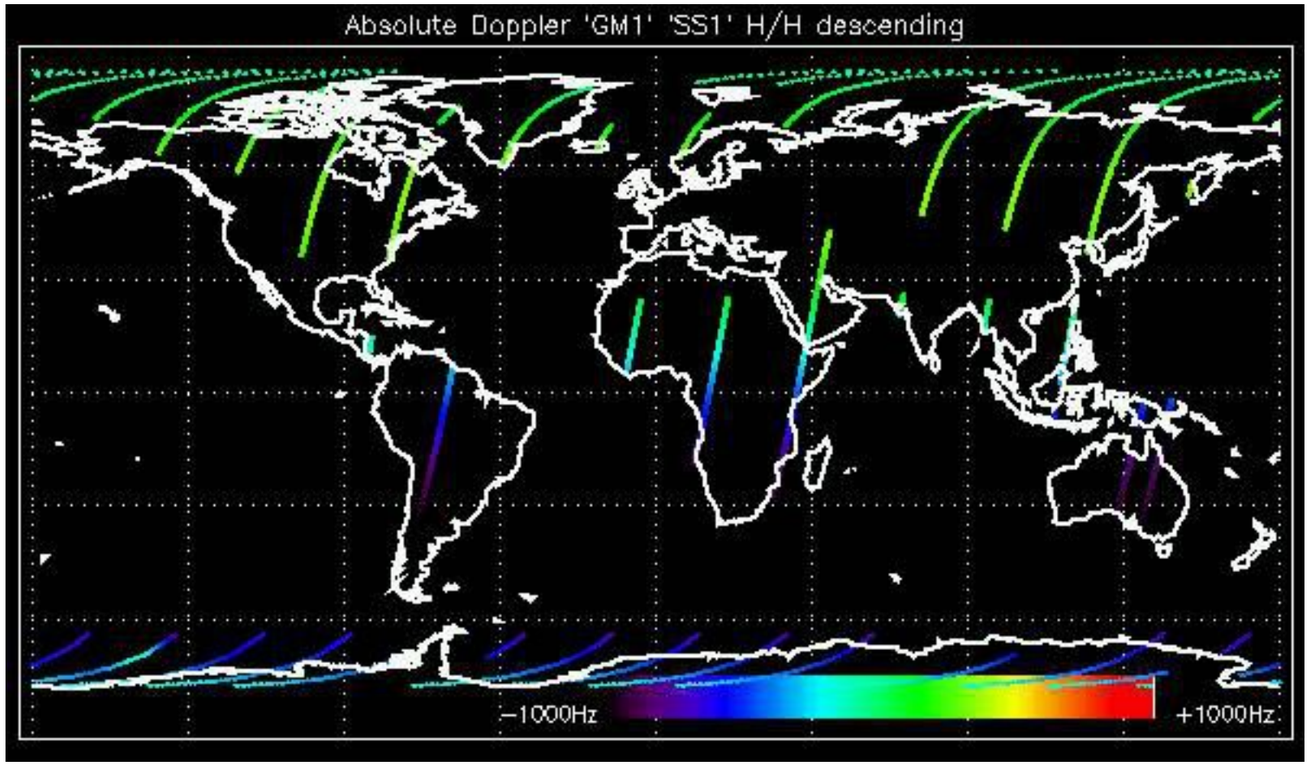
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_IMM_1PNPDE20100317_003729_000000992087_00417_42054_7194.N1	IS2	V/V	87	42054	417	5.03
ASA_IMM_1PNPDE20100317_021817_000000802087_00418_42055_7218.N1	IS2	V/V	87	42055	418	5.03
ASA_IMM_1PNPDE20100317_025718_000001292087_00419_42056_7249.N1	IS2	V/V	87	42056	419	5.03
ASA_IMM_1PNPDE20100317_031022_000000362087_00419_42056_7251.N1	IS4	H/H	87	42056	419	5.03
ASA_IMM_1PNPDE20100317_032800_000003032087_00419_42056_7235.N1	IS2	V/V	87	42056	419	5.03
ASA_IMM_1PNPDE20100317_044556_000000512087_00420_42057_7260.N1	IS1	V/V	87	42057	420	5.03
ASA_IMM_1PNPDE20100317_050744_000003292087_00420_42057_7261.N1	IS2	V/V	87	42057	420	5.03
ASA_IMM_1PNPDK20100317_082723_000000922087_00422_42059_9063.N1	IS2	V/V	87	42059	422	5.03
ASA_IMM_1PNPDK20100317_100708_000001562087_00423_42060_9088.N1	IS2	V/V	87	42060	423	5.03
ASA_IMM_1PNPDE20100317_104313_000002432087_00423_42060_7340.N1	IS2	V/V	87	42060	423	5.03
ASA_IMM_1PNPDE20100317_122021_000002152087_00424_42061_7345.N1	IS2	V/V	87	42061	424	5.03
ASA_IMM_1PNPDE20100317_135245_000000382087_00425_42062_7358.N1	IS4	V/V	87	42062	425	5.03
ASA_IMM_1PNPDE20100317_143257_000000382087_00425_42062_7360.N1	IS6	H/H	87	42062	425	5.03
ASA_IMM_1PNPDE20100317_151426_000001232087_00426_42063_7362.N1	IS2	V/V	87	42063	426	5.03
ASA_IMM_1PNPDE20100317_165451_000002962087_00427_42064_7366.N1	IS2	V/V	87	42064	427	5.03
ASA_IMM_1PNPDE20100317_180136_000002392087_00428_42065_7367.N1	IS6	V/V	87	42065	428	5.03
ASA_IMM_1PNPDE20100317_182906_000003122087_00428_42065_7370.N1	IS2	V/V	87	42065	428	5.03
ASA_IMM_1PNPDE20100317_190803_000000972087_00428_42065_7371.N1	IS2	V/V	87	42065	428	5.03
ASA_IMM_1PNPDK20100317_194901_000000922087_00429_42066_9228.N1	IS2	V/V	87	42066	429	5.03
ASA_IMM_1PNPDE20100317_200815_000001082087_00429_42066_7385.N1	IS2	V/V	87	42066	429	5.03
ASA_IMM_1PNPDE20100317_202010_000000482087_00429_42066_7386.N1	IS2	V/V	87	42066	429	5.03
ASA_IMM_1PNPDE20100317_204613_000001122087_00429_42066_7387.N1	IS2	V/V	87	42066	429	5.03
ASA_IMM_1PNPDK20100317_213028_000000372087_00430_42067_9237.N1	IS6	V/V	87	42067	430	5.03
ASA_IMM_1PNPDE20100317_215055_000000912087_00430_42067_7406.N1	IS2	V/V	87	42067	430	5.03
ASA_IMM_1PNPDK20100317_231632_000000922087_00431_42068_9241.N1	IS2	H/H	87	42068	431	5.03
ASA_IMM_1PNPDE20100317_231737_000001652087_00431_42068_7425.N1	IS2	H/H	87	42068	431	5.03

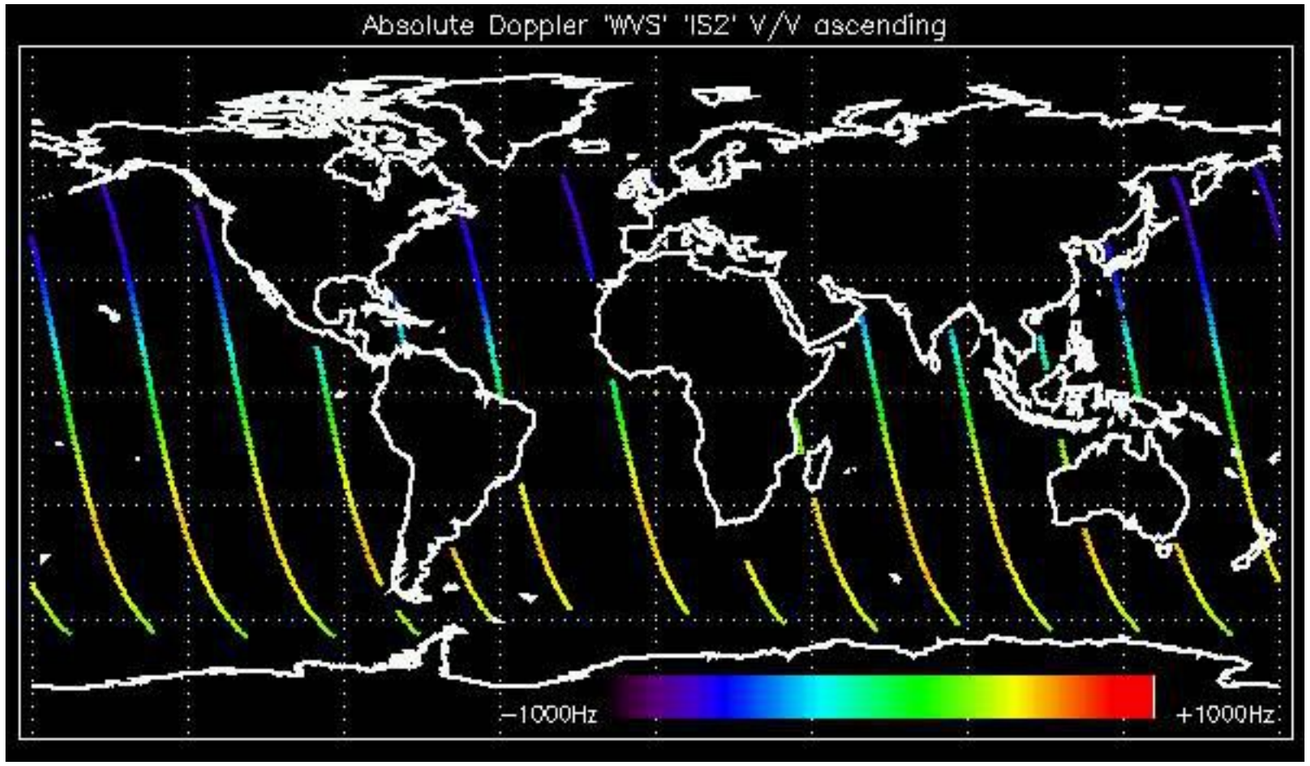
Filename	Pol	Timestamp	count(Module)
ASA_MS__0PNPDK20100317_071818_000000162087_00421_42058_1006.N1	H	2010-03-17 07:18:18	320

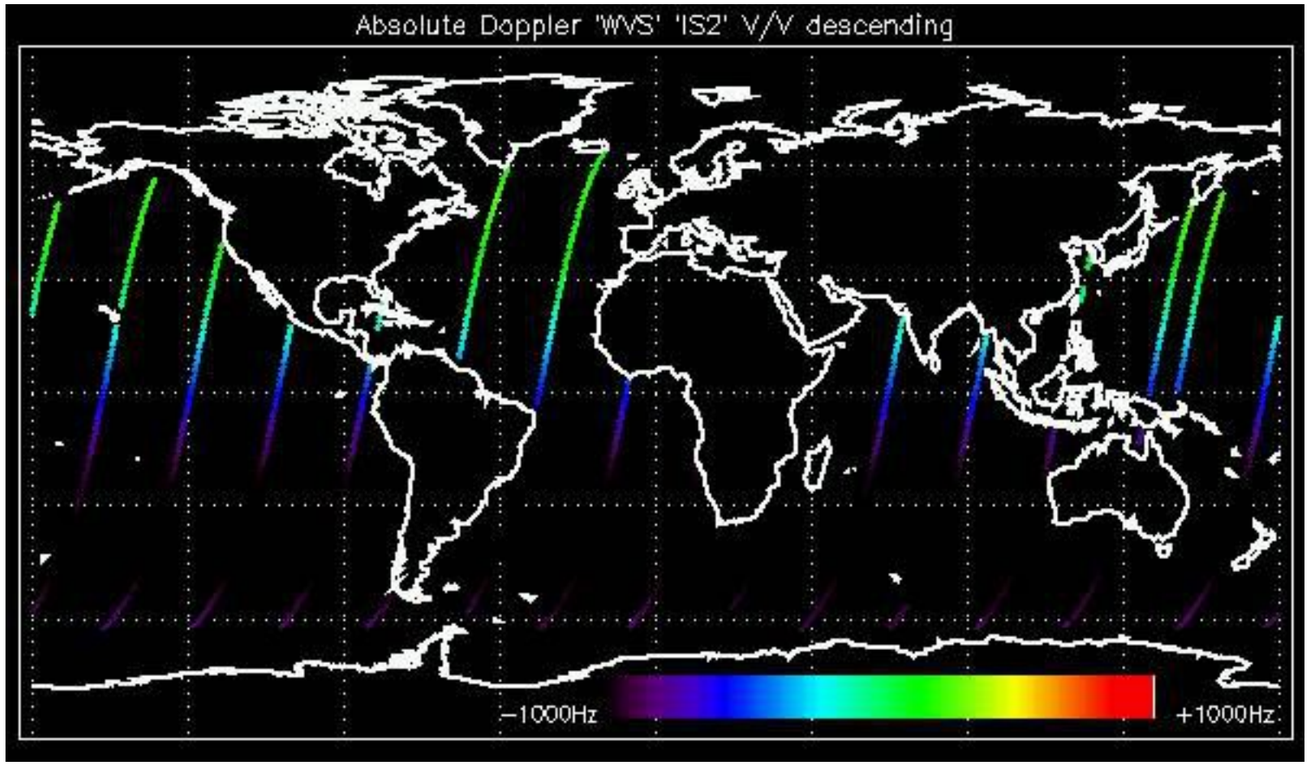
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
ASA_WSM_1PNPDE20100316_235830_000002692087_00417_42054_7215.N1	SS1	H/H	87	42054	417	5.03				
ASA_WSM_1PNPDE20100317_004745_000002882087_00417_42054_7212.N1	SS1	H/H	87	42054	417	5.03				
ASA_WSM_1PNPDE20100317_012905_000001162087_00418_42055_7216.N1	SS1	H/H	87	42055	418	5.03				
ASA_WSM_1PNPDE20100317_022722_000002942087_00418_42055_7247.N1	SS1	H/H	87	42055	418	5.03				
ASA_WSM_1PNPDE20100317_024652_000000862087_00418_42055_7248.N1	SS1	V/V	87	42055	418	5.03				
ASA_WSM_1PNPDE20100317_040640_000003062087_00419_42056_7252.N1	SS1	H/H	87	42056	419	5.03				
ASA_WSM_1PNPDE20100317_054909_000001472087_00420_42057_7279.N1	SS1	H/H	87	42057	420	5.03				
ASA_WSM_1PNPDE20100317_063529_000000672087_00421_42058_7281.N1	SS1	H/H	87	42058	421	5.03				
ASA_WSM_1PNPDK20100317_063754_000000982087_00421_42058_9043.N1	SS1	H/H	87	42058	421	5.03				
ASA_WSM_1PNPDE20100317_063953_000005632087_00421_42058_7278.N1	SS1	H/H	87	42058	421	5.03				
ASA_WSM_1PNPDK20100317_064012_000002452087_00421_42058_9044.N1	SS1	H/H	87	42058	421	5.03				
ASA_WSM_1PNPDE20100317_071105_000001472087_00421_42058_7280.N1	SS1	V/V	87	42058	421	5.03				
ASA_WSM_1PNPDK20100317_072958_000001532087_00421_42058_9060.N1	SS1	H/H	87	42058	421	5.03				
ASA_WSM_1PNPDK20100317_081304_000000982087_00422_42059_9061.N1	SS1	H/H	87	42059	422	5.03				
ASA_WSM_1PNPDK20100317_082206_000002942087_00422_42059_9062.N1	SS1	H/H	87	42059	422	5.03				
ASA_WSM_1PNPDK20100317_090849_000003002087_00422_42059_9085.N1	SS1	H/H	87	42059	422	5.03				
ASA_WSM_1PNPDK20100317_095417_000001042087_00423_42060_9086.N1	SS1	H/H	87	42060	423	5.03				
ASA_WSM_1PNPDE20100317_095912_000001412087_00423_42060_7338.N1	SS1	H/H	87	42060	423	5.03				
ASA_WSM_1PNPDK20100317_100512_000000862087_00423_42060_9087.N1	SS1	H/H	87	42060	423	5.03				
ASA_WSM_1PNPDE20100317_101003_000000922087_00423_42060_7339.N1	SS1	V/V	87	42060	423	5.03				
ASA_WSM_1PNPDE20100317_105119_000001712087_00423_42060_7341.N1	SS1	H/H	87	42060	423	5.03				
ASA_WSM_1PNPDE20100317_114031_000001472087_00424_42061_7343.N1	SS1	H/H	87	42061	424	5.03				
ASA_WSM_1PNPDE20100317_120526_000003062087_00424_42061_7344.N1	SS1	V/V	87	42061	424	5.03				
ASA_WSM_1PNPDK20100317_123038_000002452087_00424_42061_9133.N1	SS1	H/H	87	42061	424	5.03				
ASA_WSM_1PNPDK20100317_131338_000000982087_00425_42062_9134.N1	SS1	H/H	87	42062	425	5.03				
ASA_WSM_1PNPDK20100317_131446_000003492087_00425_42062_9130.N1	SS1	H/H	87	42062	425	5.03				
ASA_WSM_1PNPDE20100317_141317_000001472087_00425_42062_7359.N1	SS1	H/H	87	42062	425	5.03				
ASA_WSM_1PNPDK20100317_145304_000005752087_00426_42063_9157.N1	SS1	H/H	87	42063	426	5.03				
ASA_WSM_1PNPDE20100317_150423_000000862087_00426_42063_7361.N1	SS1	H/H	87	42063	426	5.03				
ASA_WSM_1PNPDE20100317_155345_000001532087_00426_42063_7357.N1	SS1	H/H	87	42063	426	5.03				
ASA_WSM_1PNPDE20100317_163110_000000982087_00427_42064_7363.N1	SS1	H/H	87	42064	427	5.03				
ASA_WSM_1PNPDK20100317_163118_000004832087_00427_42064_9174.N1	SS1	H/H	87	42064	427	5.03				
ASA_WSM_1PNPDK20100317_163949_000001712087_00427_42064_9176.N1	SS1	H/H	87	42064	427	5.03				
ASA_WSM_1PNPDE20100317_164246_000000922087_00427_42064_7365.N1	SS1	V/V	87	42064	427	5.03				
ASA_WSM_1PNPDE20100317_173517_000001222087_00427_42064_7364.N1	SS1	H/H	87	42064	427	5.03				
ASA_WSM_1PNPDE20100317_180620_000001282087_00428_42065_7368.N1	SS1	V/V	87	42065	428	5.03				
ASA_WSM_1PNPDK20100317_180859_000005932087_00428_42065_9193.N1	SS1	H/H	87	42065	428	5.03				
ASA_WSM_1PNPDK20100317_181919_000001282087_00428_42065_9195.N1	SS1	H/H	87	42065	428	5.03				
ASA_WSM_1PNPDE20100317_191507_000001472087_00428_42065_7369.N1	SS1	H/H	87	42065	428	5.03				
ASA_WSM_1PNPDK20100317_194827_000000242087_00429_42066_9225.N1	SS1	V/V	87	42066	429	5.03				
ASA_WSM_1PNPDK20100317_195119_000005872087_00429_42066_9230.N1	SS1	H/H	87	42066	429	5.03				
ASA_WSM_1PNPDE20100317_205321_000003062087_00429_42066_7384.N1	SS1	H/H	87	42066	429	5.03				
ASA_WSM_1PNPDE20100317_210401_000002692087_00429_42066_7388.N1	SS1	V/V	87	42066	429	5.03				
ASA_WSM_1PNPDE20100317_212712_000000862087_00430_42067_7404.N1	SS1	V/V	87	42067	430	5.03				
ASA_WSM_1PNPDK20100317_213307_000004652087_00430_42067_9238.N1	SS1	H/H	87	42067	430	5.03				
ASA_WSM_1PNPDE20100317_214617_000002692087_00430_42067_7405.N1	SS1	H/H	87	42067	430	5.03				
ASA_WSM_1PNPDE20100317_223421_000003432087_00430_42067_7403.N1	SS1	H/H	87	42067	430	5.03				
ASA_WSM_1PNPDK20100317_231343_000001652087_00431_42068_9240.N1	SS1	H/H	87	42068	431	5.03				
ASA_WSM_1PNPDE20100317_232653_000002692087_00431_42068_7426.N1	SS1	H/H	87	42068	431	5.03				

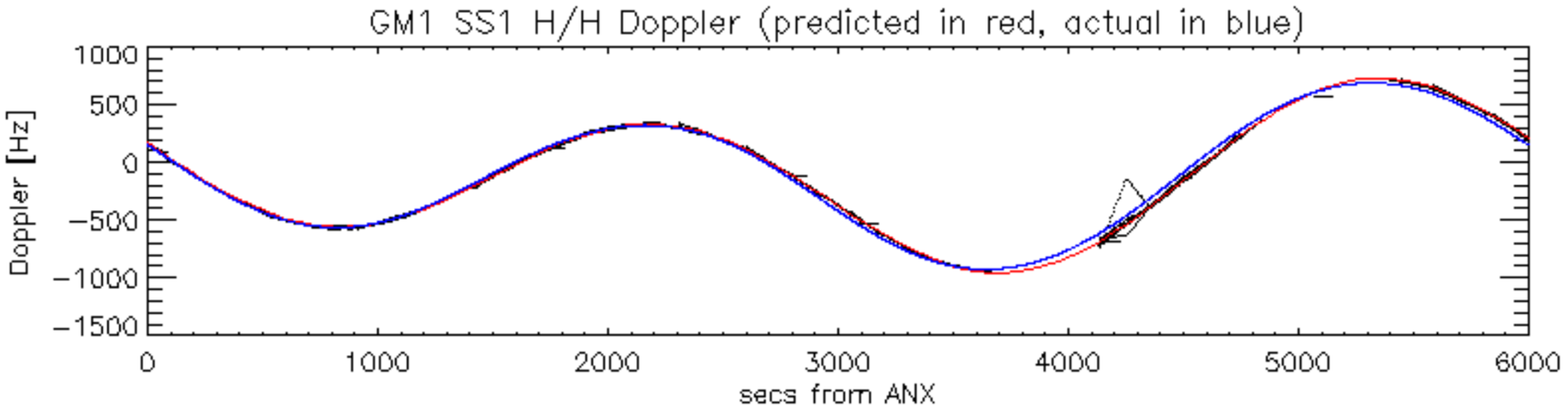
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion
ASA_WVS_1PNPDE20100317_000427_000008692087_00417_42054_7200.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_002139_000000592087_00417_42054_7199.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_002823_000004952087_00417_42054_7203.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_005232_000003302087_00417_42054_7204.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_005717_000002842087_00417_42054_7219.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_010839_000008992087_00417_42054_7222.N1	IS2	V/V	87	42054	417	5.03
ASA_WVS_1PNPDE20100317_014910_000000592087_00418_42055_7223.N1	IS2	V/V	87	42055	418	5.03
ASA_WVS_1PNPDE20100317_015138_000000592087_00418_42055_7225.N1	IS2	V/V	87	42055	418	5.03
ASA_WVS_1PNPDE20100317_020209_000009152087_00418_42055_7228.N1	IS2	V/V	87	42055	418	5.03
ASA_WVS_1PNPDE20100317_023217_000003302087_00418_42055_7231.N1	IS2	V/V	87	42055	418	5.03
ASA_WVS_1PNPDE20100317_025253_000002242087_00419_42056_7238.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_033547_000000742087_00419_42056_7237.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_033647_000009592087_00419_42056_7259.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_035607_000001052087_00419_42056_7258.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_041143_000001052087_00419_42056_7255.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_041544_000010642087_00419_42056_7264.N1	IS2	V/V	87	42056	419	5.03
ASA_WVS_1PNPDE20100317_051509_000010642087_00420_42057_7262.N1	IS2	V/V	87	42057	420	5.03
ASA_WVS_1PNPDE20100317_053239_000003602087_00420_42057_7275.N1	IS2	V/V	87	42057	420	5.03
ASA_WVS_1PNPDE20100317_055208_000019492087_00420_42057_7287.N1	IS2	V/V	87	42057	420	5.03
ASA_WVS_1PNPDE20100317_070913_000000592087_00421_42058_7286.N1	IS2	V/V	87	42058	421	5.03
ASA_WVS_1PNPDK20100317_071332_000002402087_00421_42058_9048.N1	IS2	V/V	87	42058	421	5.03
ASA_WVS_1PNPDK20100317_073244_000020542087_00421_42058_9051.N1	IS2	V/V	87	42058	421	5.03
ASA_WVS_1PNPDK20100317_084723_000007352087_00422_42059_9074.N1	IS2	V/V	87	42059	422	5.03
ASA_WVS_1PNPDK20100317_091346_000020992087_00422_42059_9077.N1	IS2	V/V	87	42059	422	5.03
ASA_WVS_1PNPDK20100317_102123_000011392087_00423_42060_9104.N1	IS2	V/V	87	42060	423	5.03
ASA_WVS_1PNPDK20100317_105407_000020692087_00423_42060_9107.N1	IS2	V/V	87	42060	423	5.03
ASA_WVS_1PNPDK20100317_114502_000011242087_00424_42061_9118.N1	IS2	V/V	87	42061	424	5.03
ASA_WVS_1PNPDK20100317_121041_000005402087_00424_42061_9121.N1	IS2	V/V	87	42061	424	5.03
ASA_WVS_1PNPDK20100317_123440_000004202087_00424_42061_9122.N1	IS2	V/V	87	42061	424	5.03
ASA_WVS_1PNPDK20100317_125239_000006882087_00424_42061_9124.N1	IS2	V/V	87	42061	424	5.03
ASA_WVS_1PNPDK20100317_132656_000008392087_00425_42062_9140.N1	IS2	V/V	87	42062	425	5.03
ASA_WVS_1PNPDK20100317_135843_000001652087_00425_42062_9142.N1	IS2	V/V	87	42062	425	5.03
ASA_WVS_1PNPDK20100317_141542_000004652087_00425_42062_9145.N1	IS2	V/V	87	42062	425	5.03
ASA_WVS_1PNPDK20100317_142820_000001042087_00425_42062_9146.N1	IS2	V/V	87	42062	425	5.03
ASA_WVS_1PNPDK20100317_143530_000001342087_00426_42063_9150.N1	IS2	V/V	87	42063	426	5.03
ASA_WVS_1PNPDK20100317_151640_000001642087_00426_42063_9162.N1	IS2	V/V	87	42063	426	5.03
ASA_WVS_1PNPDK20100317_152148_000012142087_00426_42063_9165.N1	IS2	V/V	87	42063	426	5.03
ASA_WVS_1PNPDK20100317_155619_000013492087_00426_42063_9167.N1	IS2	V/V	87	42063	426	5.03
ASA_WVS_1PNPDK20100317_165953_000013642087_00427_42064_9182.N1	IS2	V/V	87	42064	427	5.03
ASA_WVS_1PNPDK20100317_173720_000014242087_00427_42064_9184.N1	IS2	V/V	87	42064	427	5.03
ASA_WVS_1PNPDK20100317_183423_000017392087_00428_42065_9212.N1	IS2	V/V	87	42065	428	5.03
ASA_WVS_1PNPDK20100317_191730_000006002087_00428_42065_9214.N1	IS2	V/V	87	42065	428	5.03
ASA_WVS_1PNPDK20100317_193103_000001492087_00428_42065_9216.N1	IS2	V/V	87	42065	428	5.03
ASA_WVS_1PNPDE20100317_201008_000005692087_00429_42066_7372.N1	IS2	V/V	87	42066	429	5.03
ASA_WVS_1PNPDE20100317_202103_000013642087_00429_42066_7375.N1	IS2	V/V	87	42066	429	5.03
ASA_WVS_1PNPDE20100317_205836_000000302087_00429_42066_7377.N1	IS2	V/V	87	42066	429	5.03
ASA_WVS_1PNPDE20100317_205836_000002852087_00429_42066_7389.N1	IS2	V/V	87	42066	429	5.03
ASA_WVS_1PNPDE20100317_213111_000000752087_00430_42067_7392.N1	IS2	V/V	87	42067	430	5.03
ASA_WVS_1PNPDE20100317_215234_000019192087_00430_42067_7394.N1	IS2	V/V	87	42067	430	5.03
ASA_WVS_1PNPDE20100317_224004_000003002087_00430_42067_7395.N1	IS2	V/V	87	42067	430	5.03
ASA_WVS_1PNPDE20100317_224419_000007942087_00430_42067_7410.N1	IS2	V/V	87	42067	430	5.03
ASA_WVS_1PNPDE20100317_230524_000004492087_00431_42068_7408.N1	IS2	V/V	87	42068	431	5.03
ASA_WVS_1PNPDE20100317_233220_000008842087_00431_42068_7413.N1	IS2	V/V	87	42068	431	5.03
ASA_WVS_1PNPDE20100317_235808_000004202087_00431_42068_7415.N1	IS2	V/V	87	42068	431	5.03

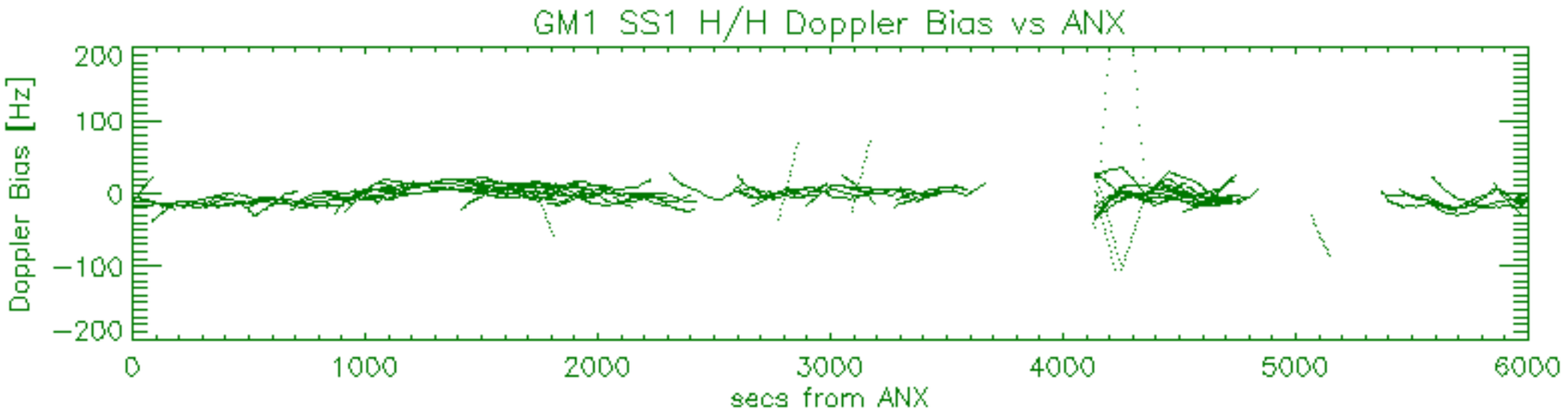

Absolute Doppler 'GM1' 'SS1' H/H ascending
−1000Hz
+1000Hz

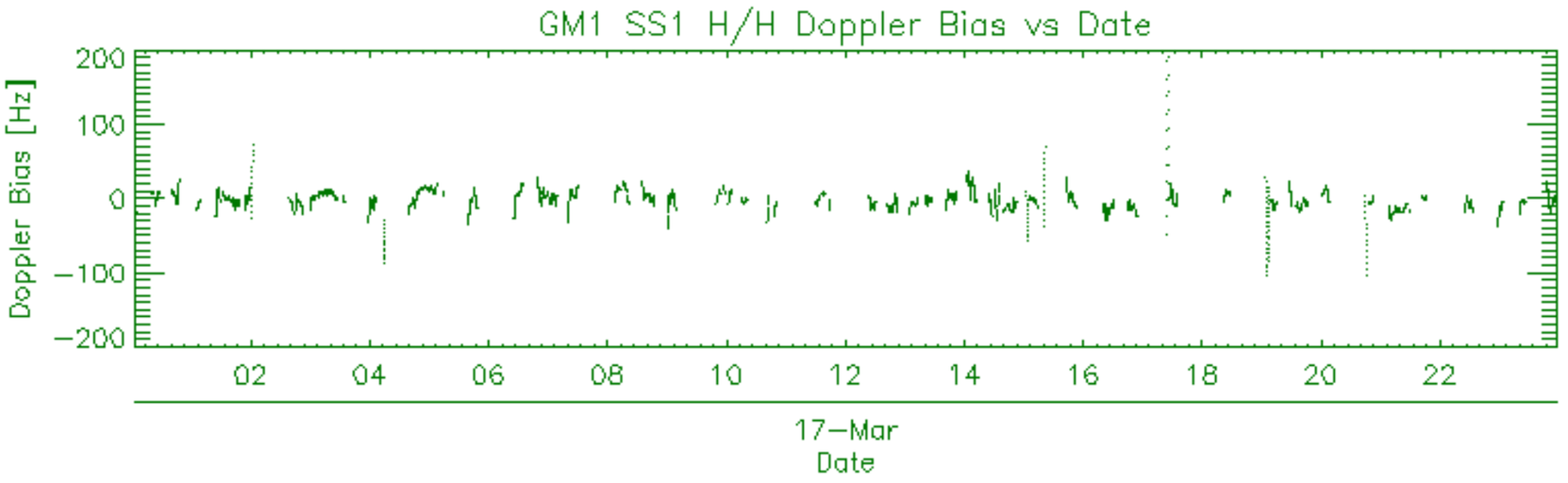

Absolute Doppler 'GM1' 'SS1' H/H descending
−1000Hz
+1000Hz

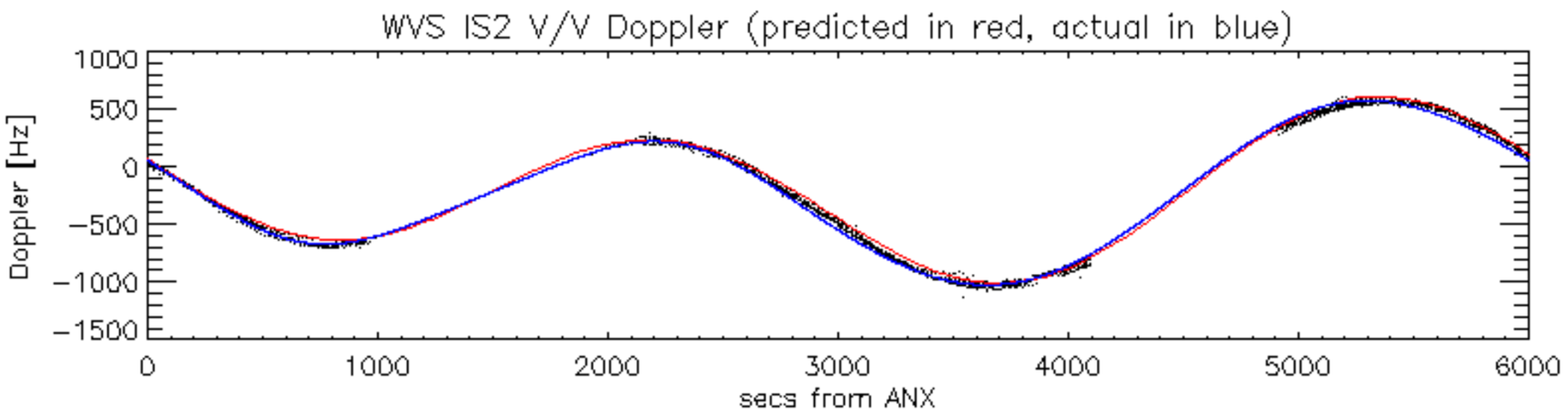

Absolute Doppler 'WVS' 'IS2' V/V ascending
−1000Hz
+1000Hz

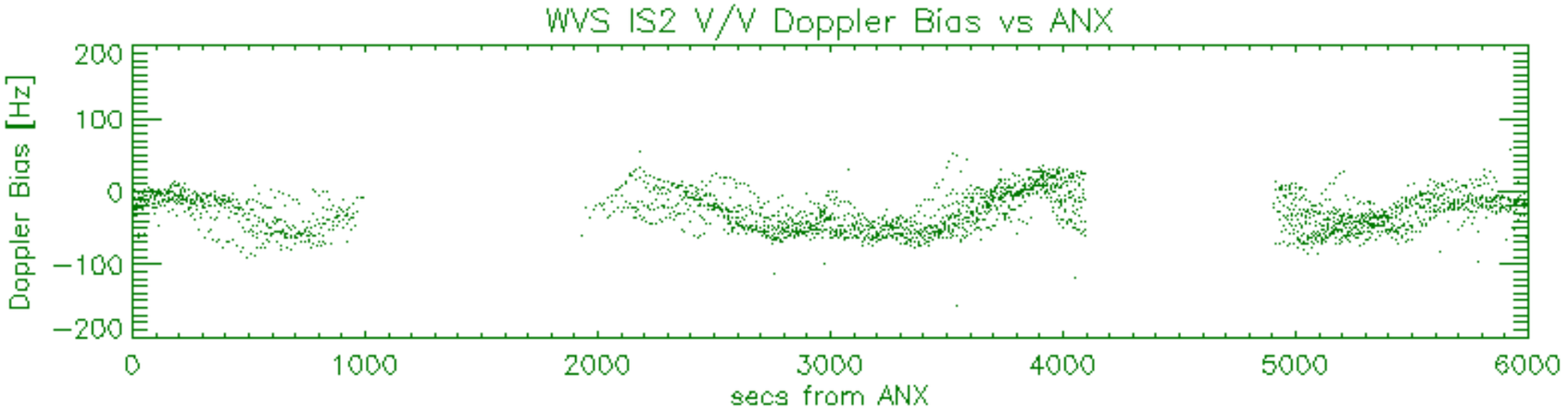

Absolute Doppler 'WVS' 'IS2' V/V descending
−1000Hz
+1000Hz

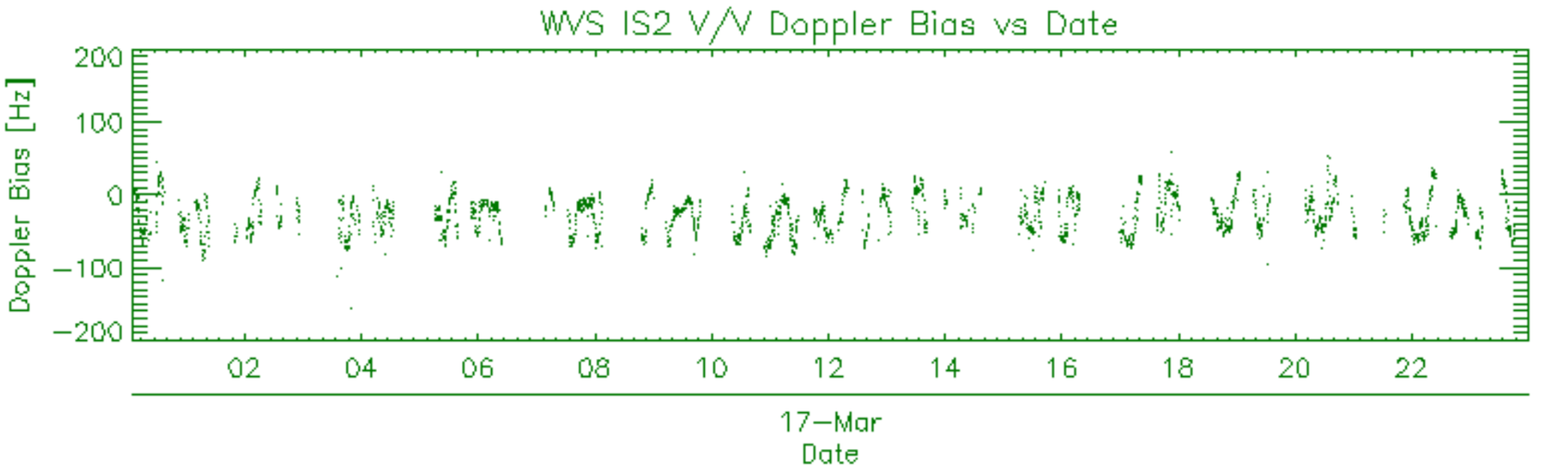

GM1 SS1 H/H Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

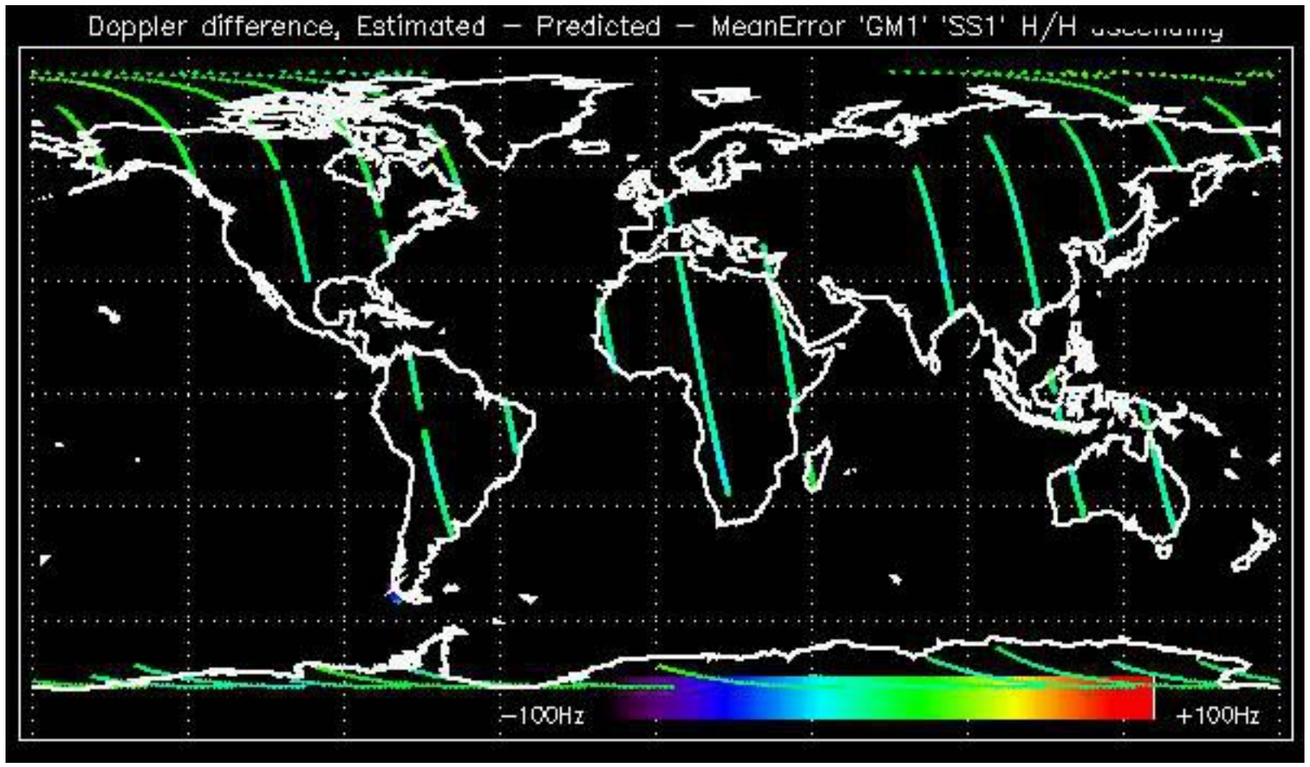

GM1 SS1 H/H Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

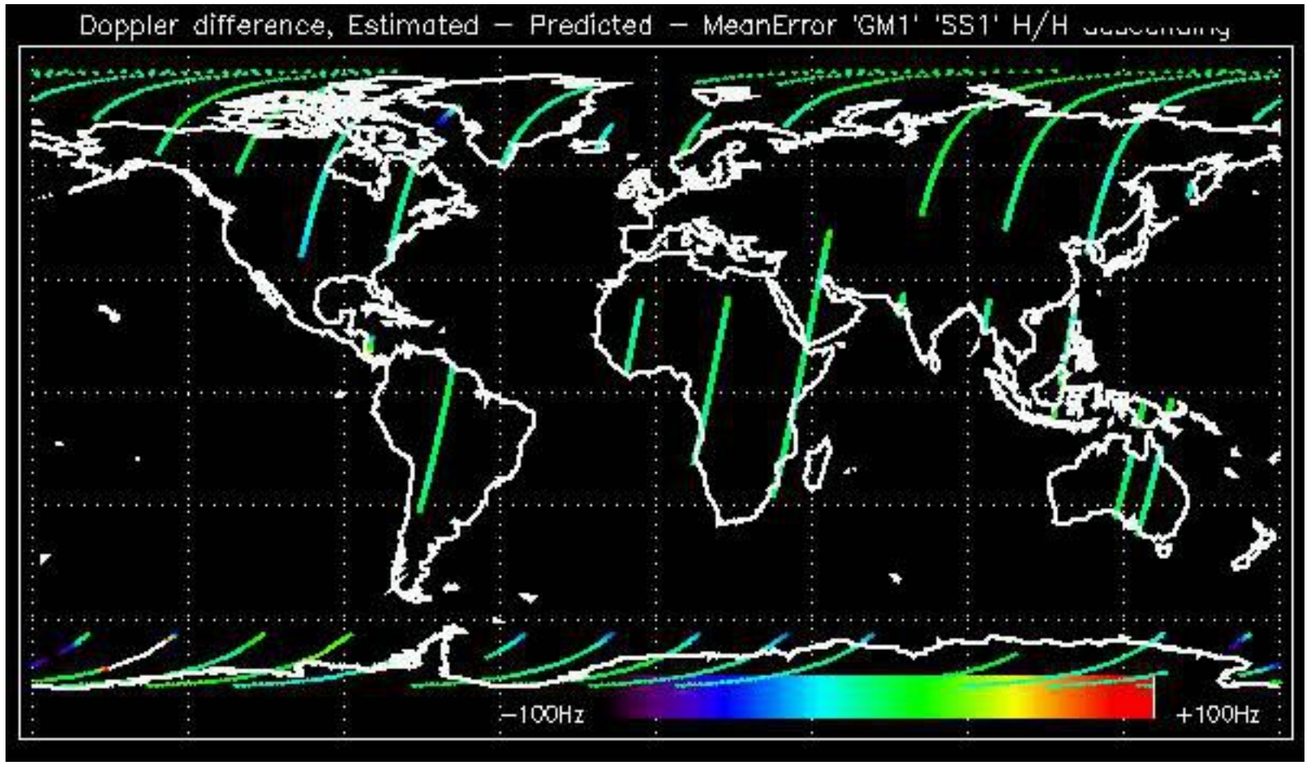

GM1 SS1 H/H Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
17−Mar
Date

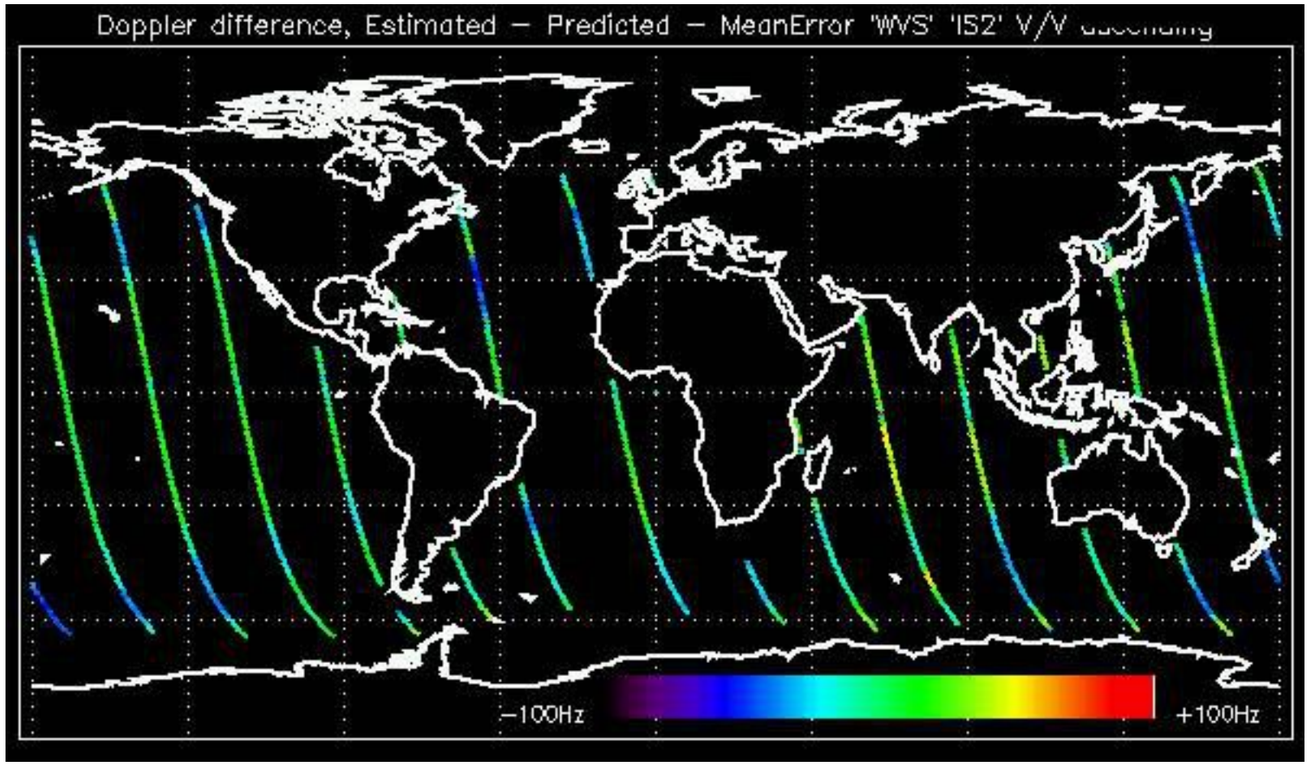

WVS IS2 V/V Doppler (predicted in red, actual in blue)
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

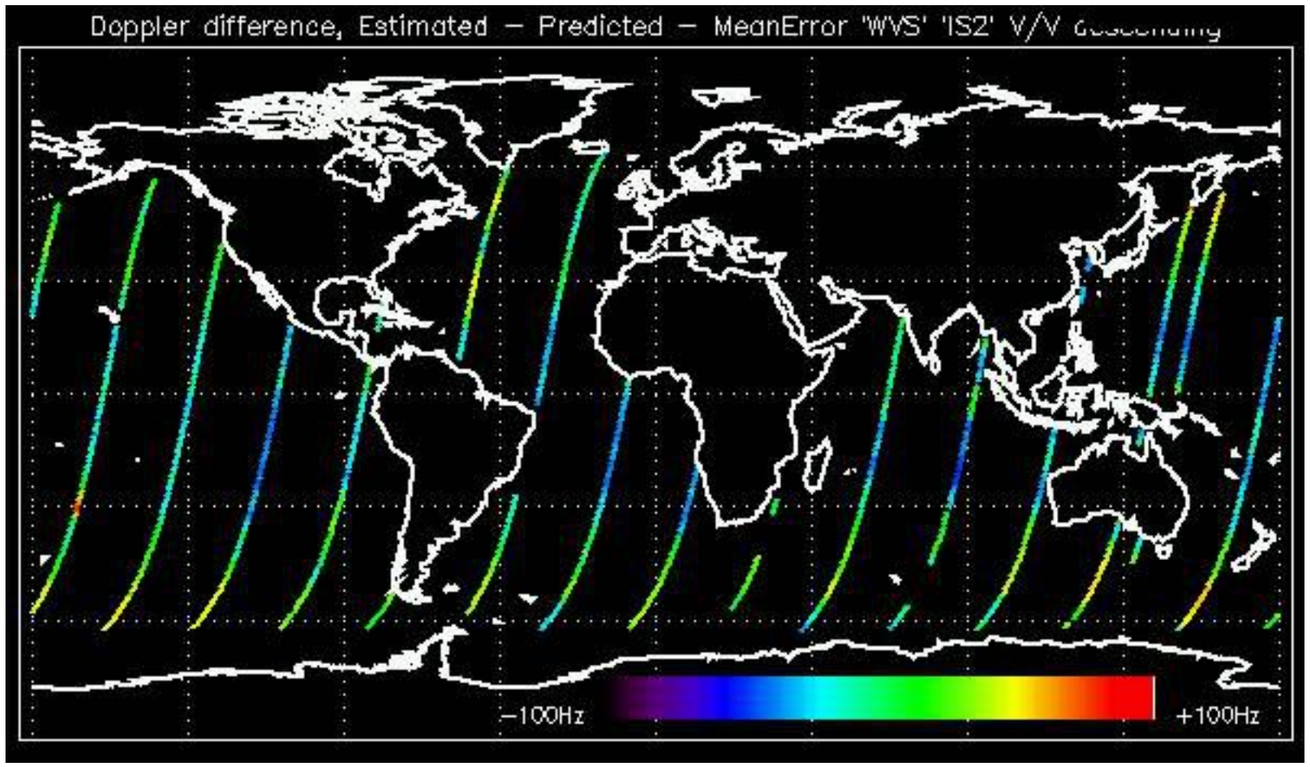

WVS IS2 V/V Doppler Bias vs ANX
Doppler Bias [Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

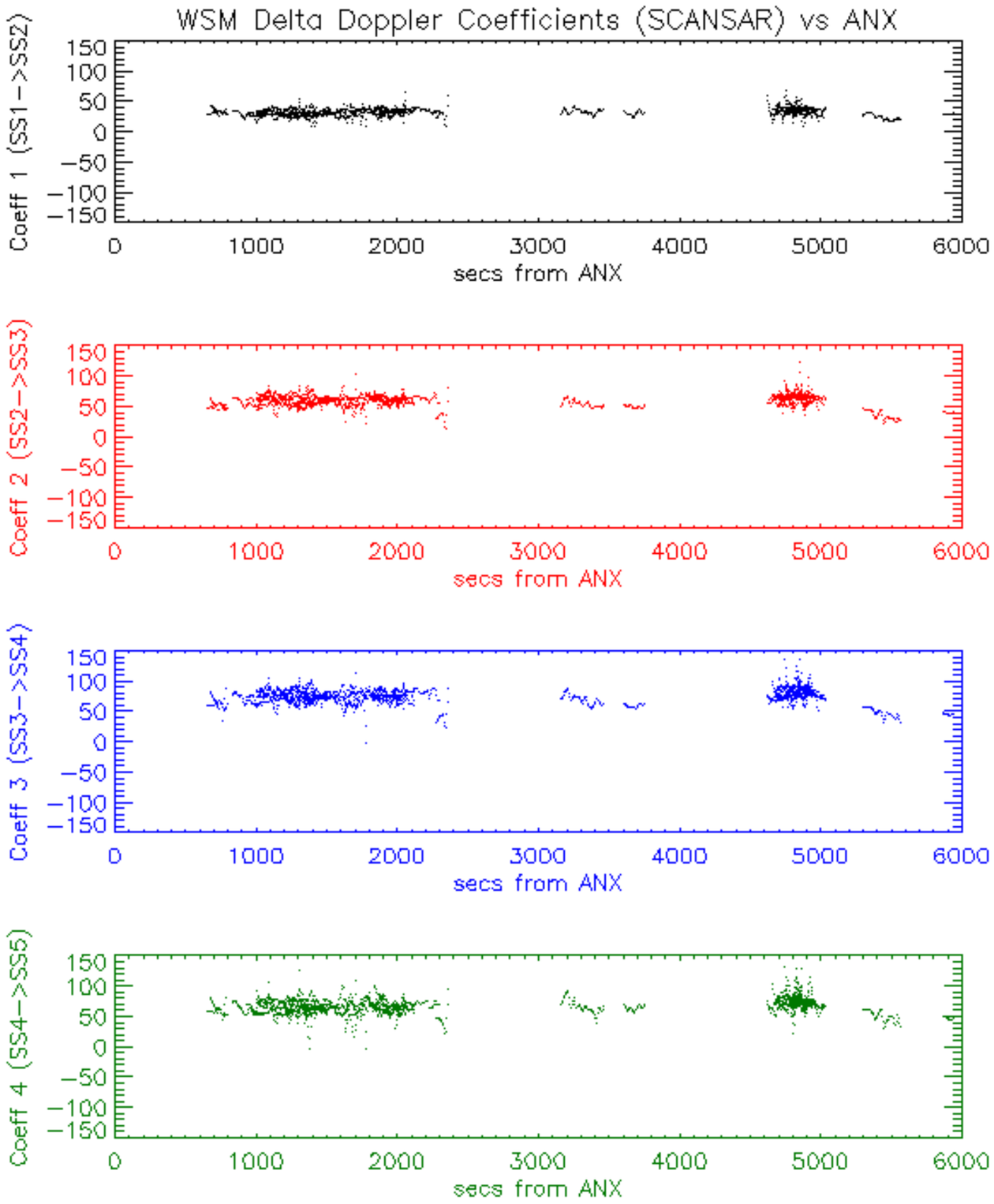

WVS IS2 V/V Doppler Bias vs Date
Doppler Bias [Hz]
200
100
0
−100
−200
02
04
06
08
10
12
14
16
18
20
22
17−Mar
Date

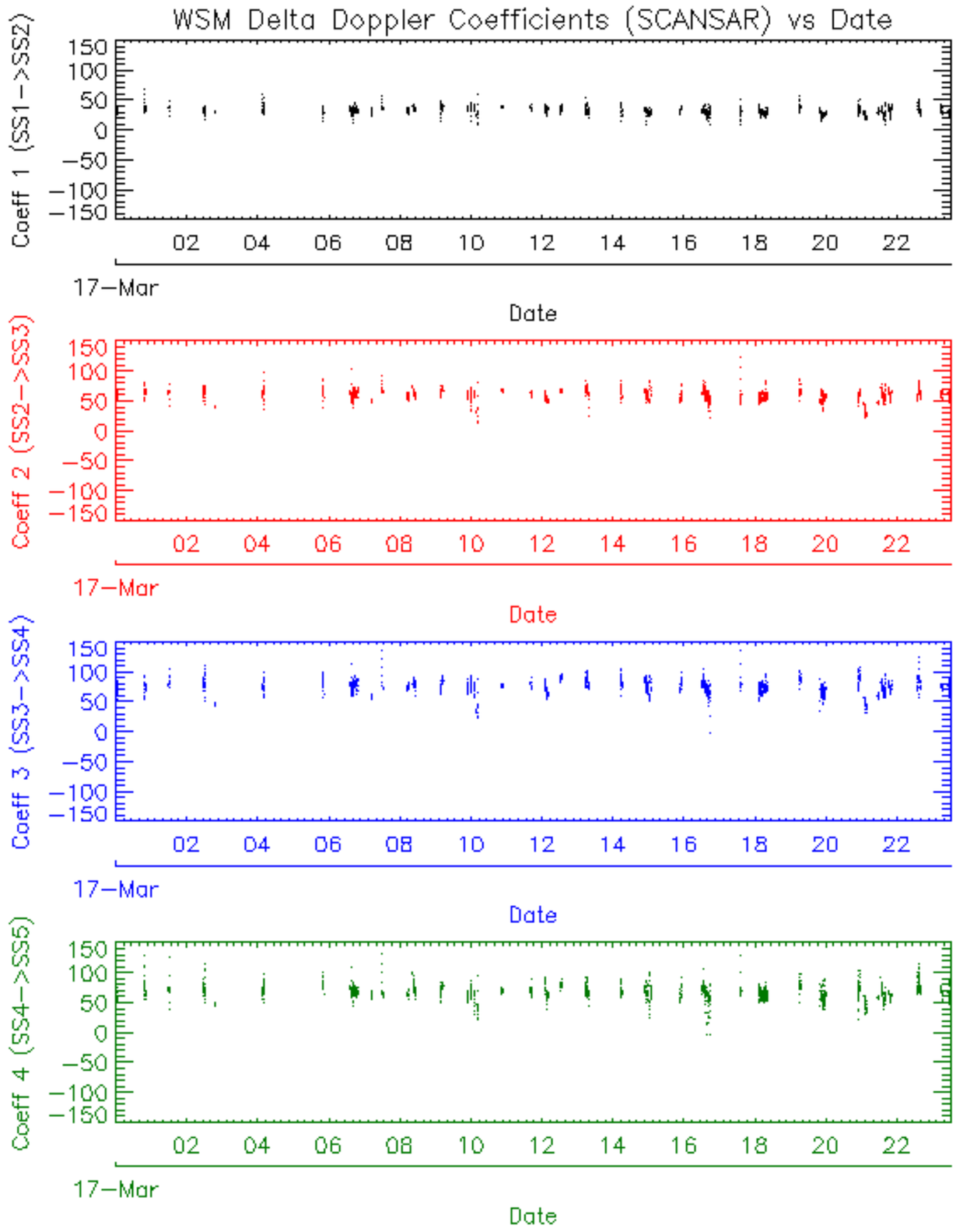

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H
−100Hz
+100Hz

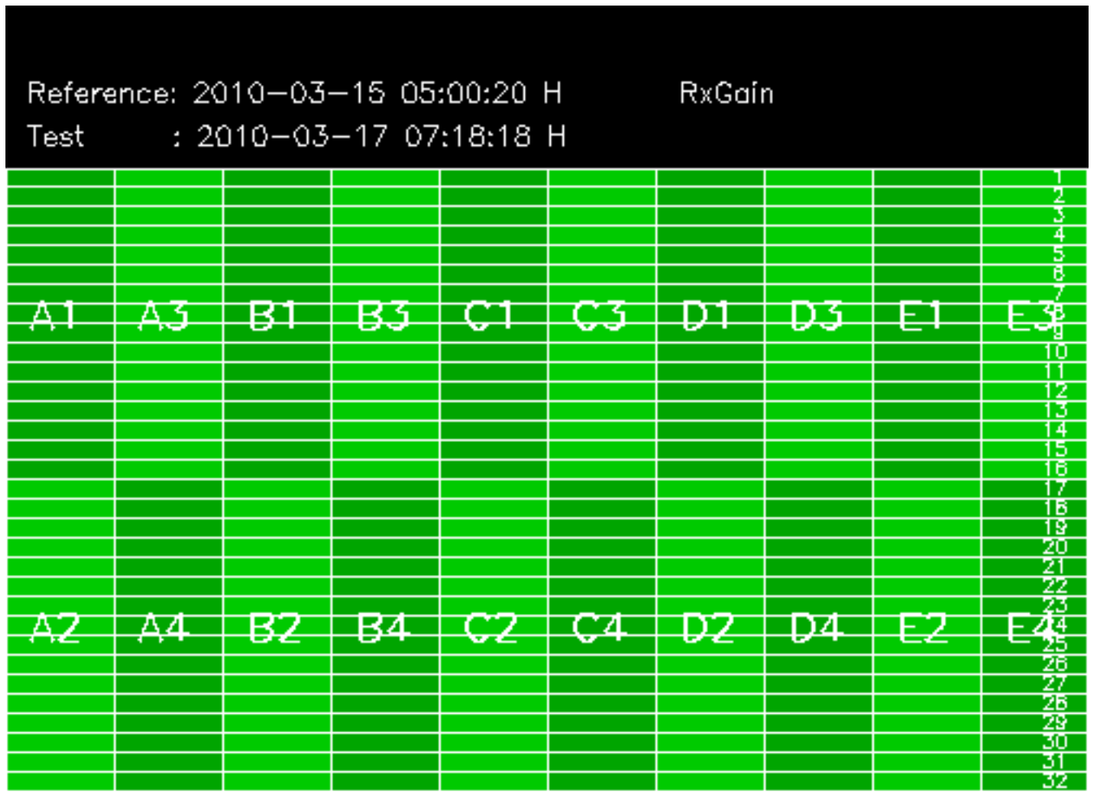

Doppler difference, Estimated – Predicted – MeanError 'GM1' 'SS1' H/H
−100Hz
+100Hz


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


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


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


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


Reference: 2010-03-15 05:00:20 H
Test : 2010-03-17 07:18:18 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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8
9
10
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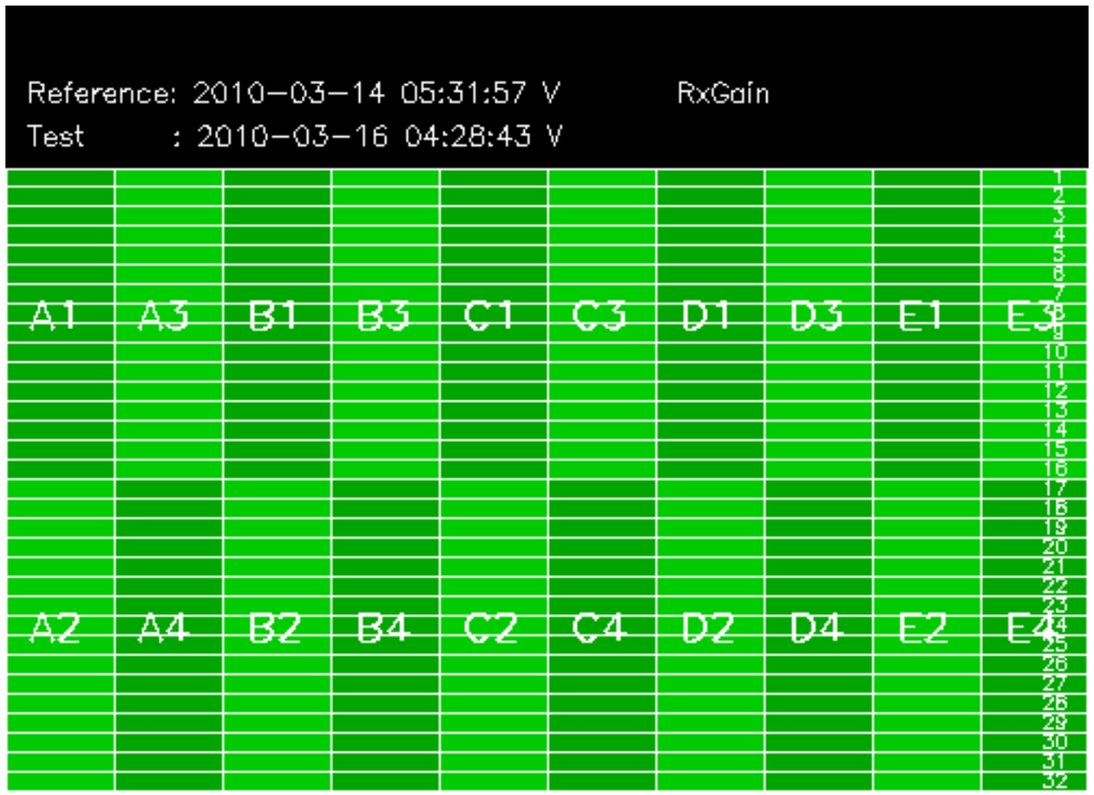
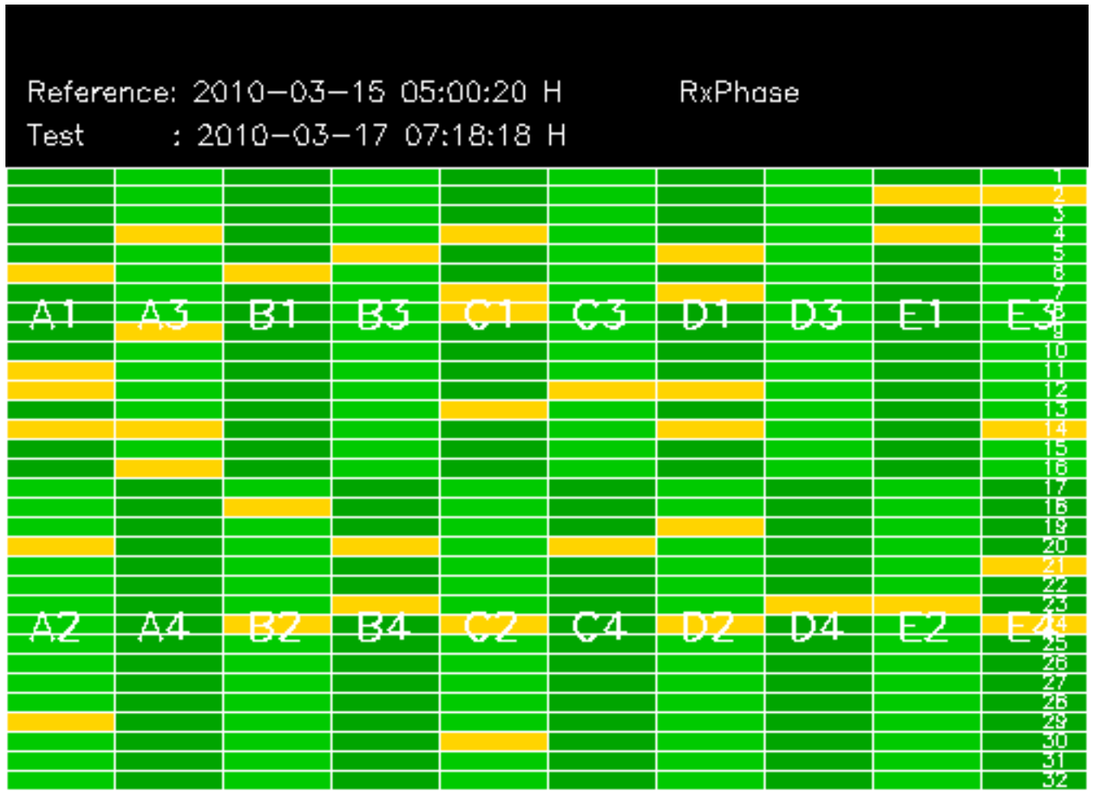
29
30
31
32


Reference: 2010-03-14 05:31:57 V
Test : 2010-03-16 04:28:43 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
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32


Reference: 2010-03-15 05:00:20 H
RxPhase
Test : 2010-03-17 07:18:18 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
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14
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30
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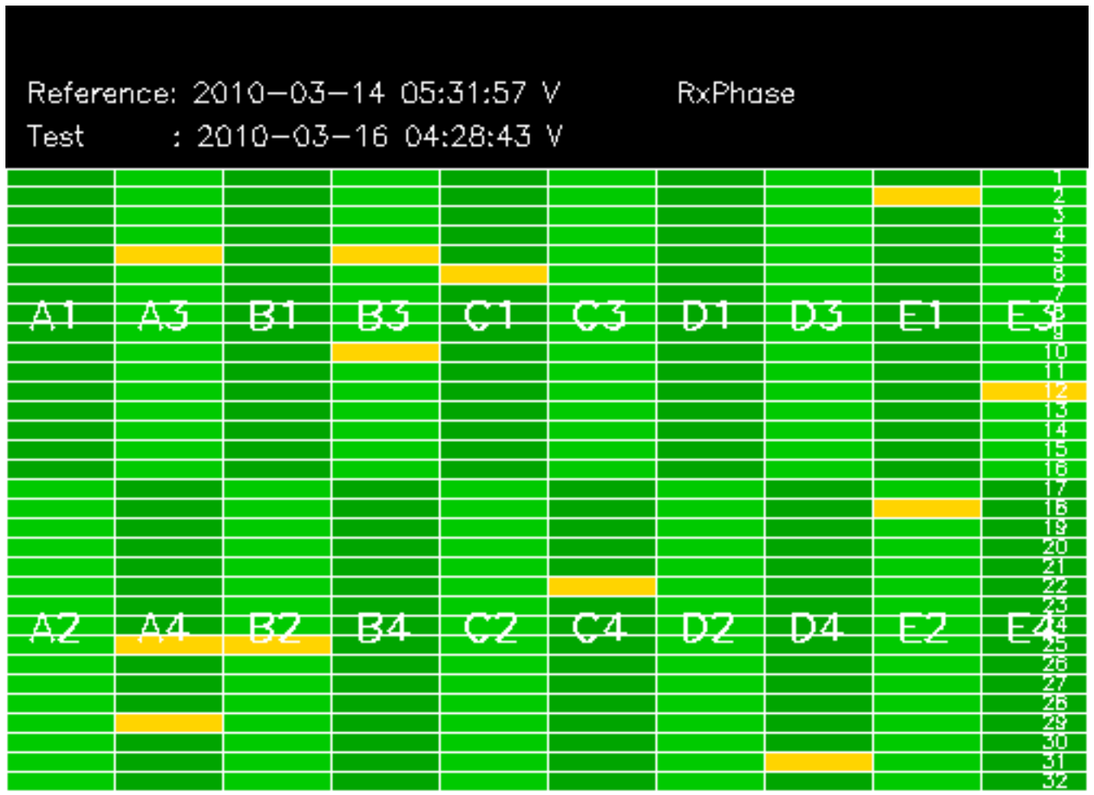
32


Reference: 2010-03-14 05:31:57 V
Test : 2010-03-16 04:28:43 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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8
9
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31
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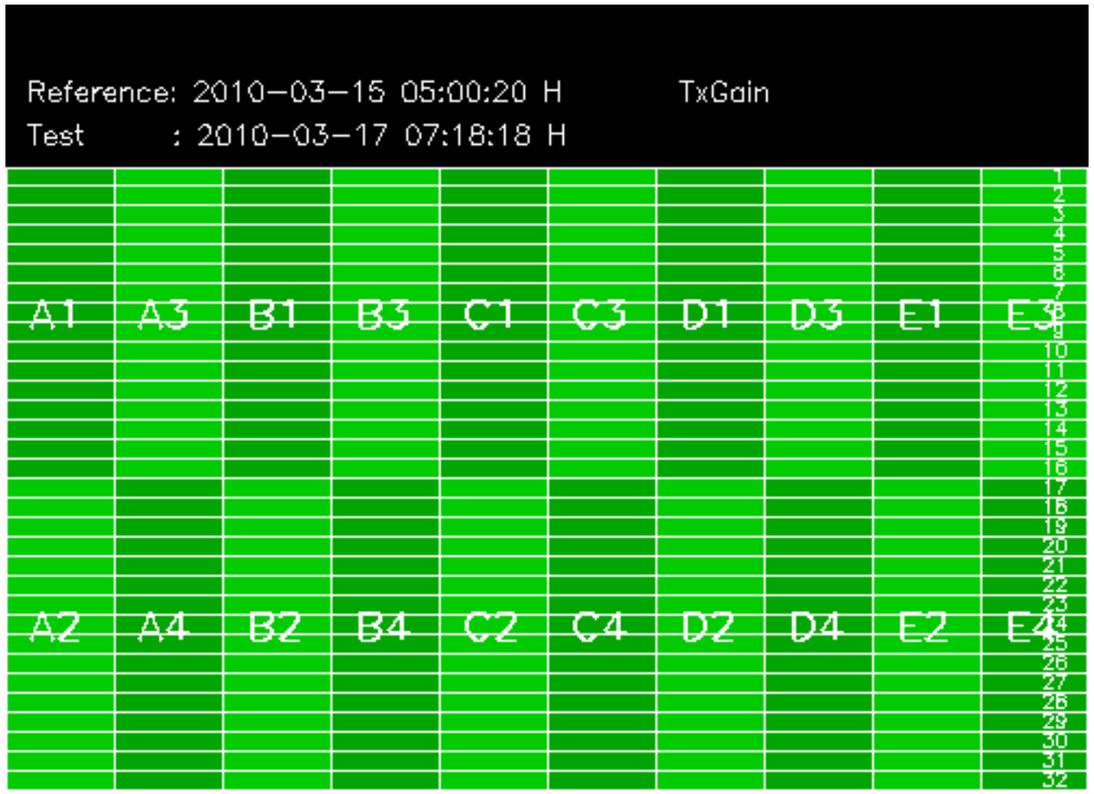
Reference: 2010-03-15 05:00:20 H
Test : 2010-03-17 07:18:18 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
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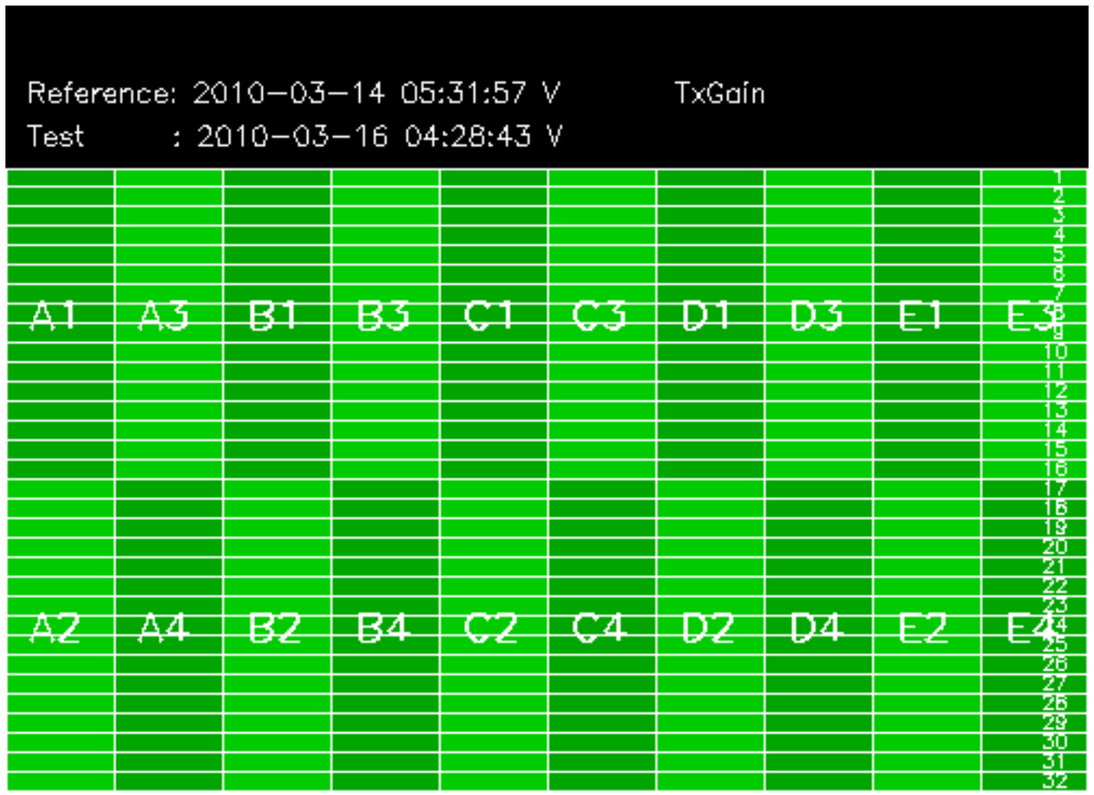
Reference: 2010-03-14 05:31:57 V
Test : 2010-03-16 04:28:43 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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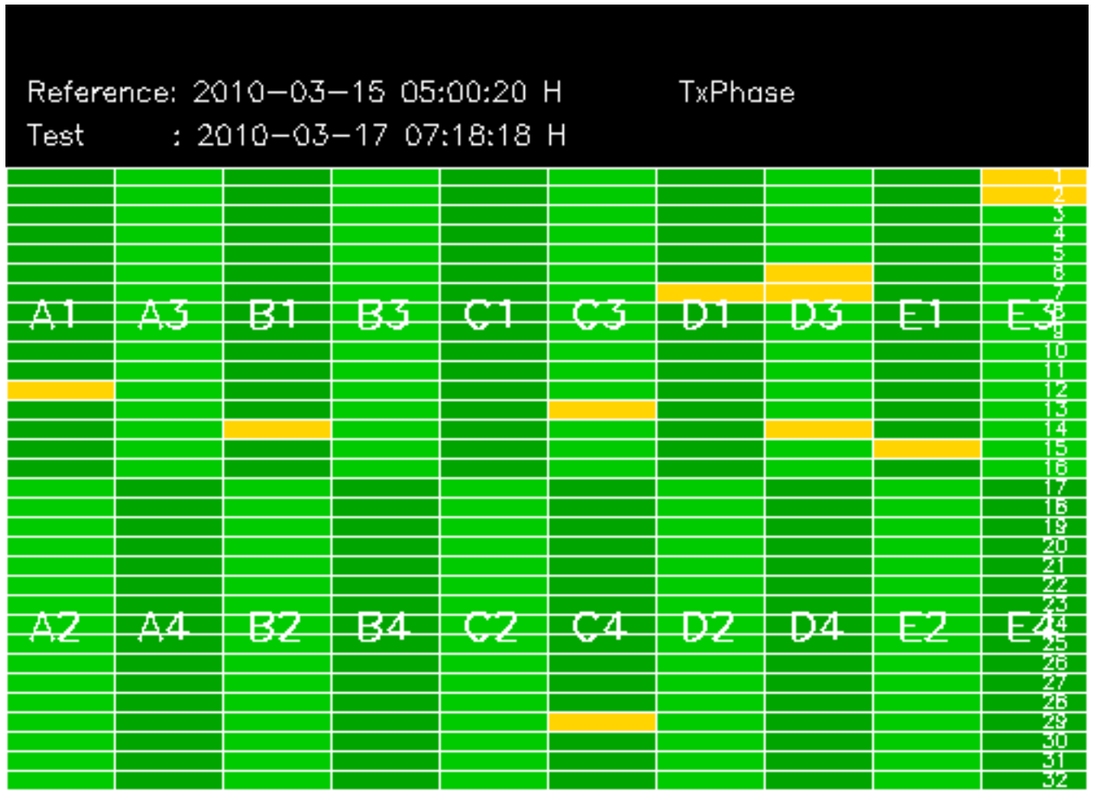
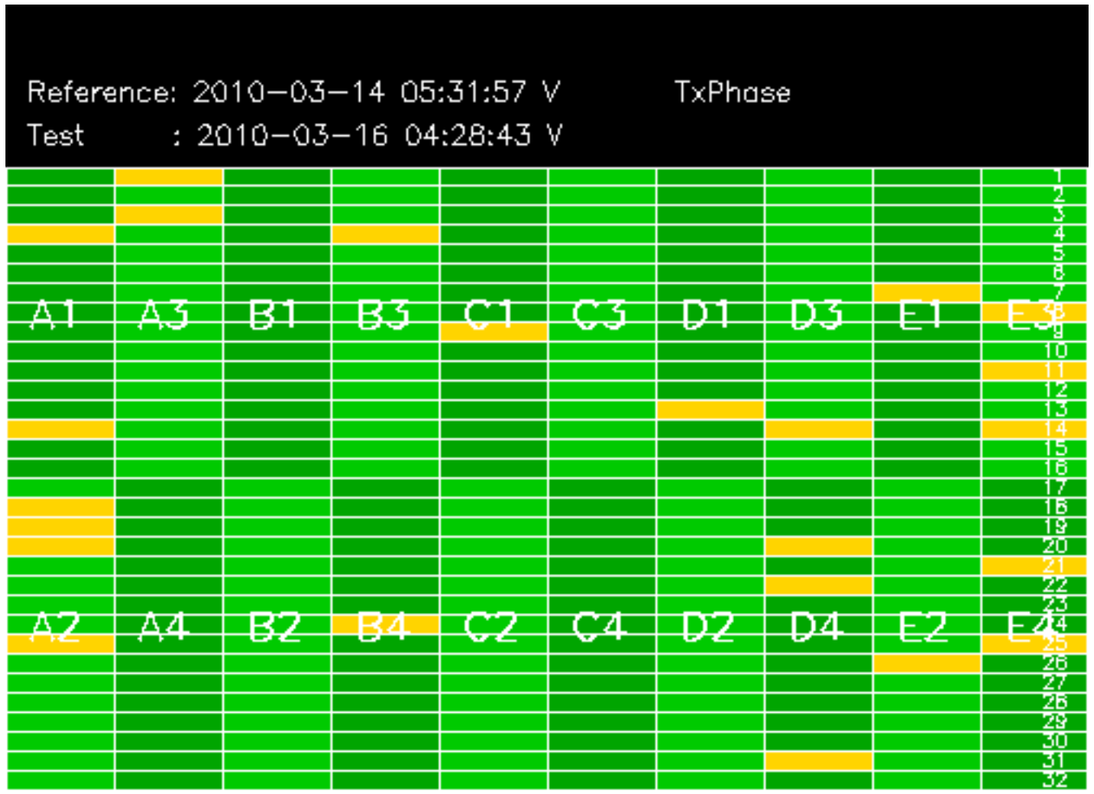

Reference: 2010-03-15 05:00:20 H
Test : 2010-03-17 07:18:18 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2010-03-14 05:31:57 V
Test : 2010-03-16 04:28:43 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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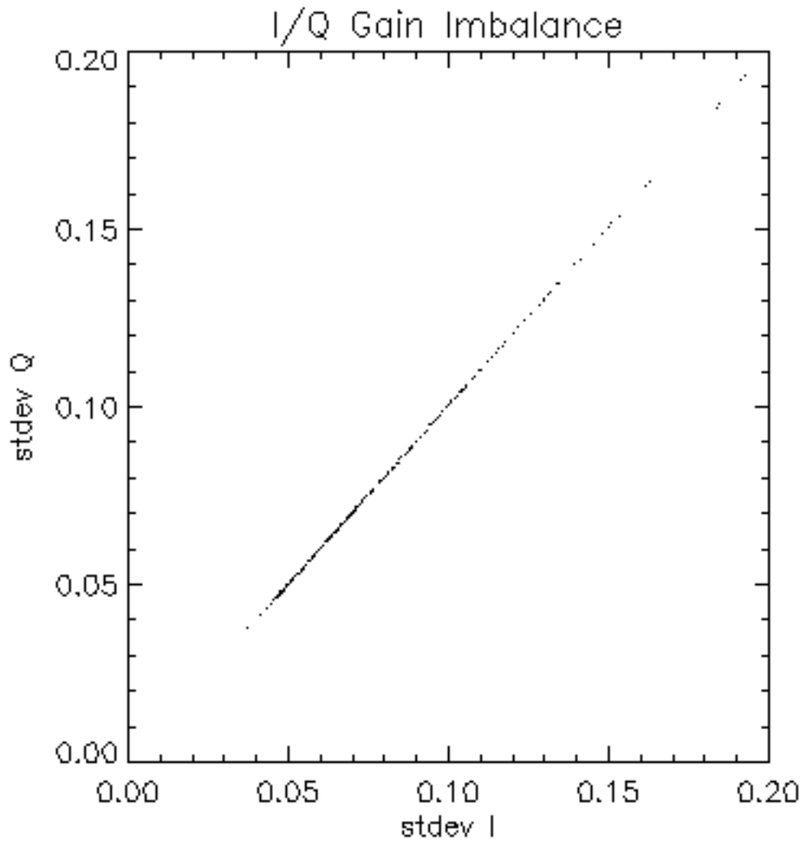
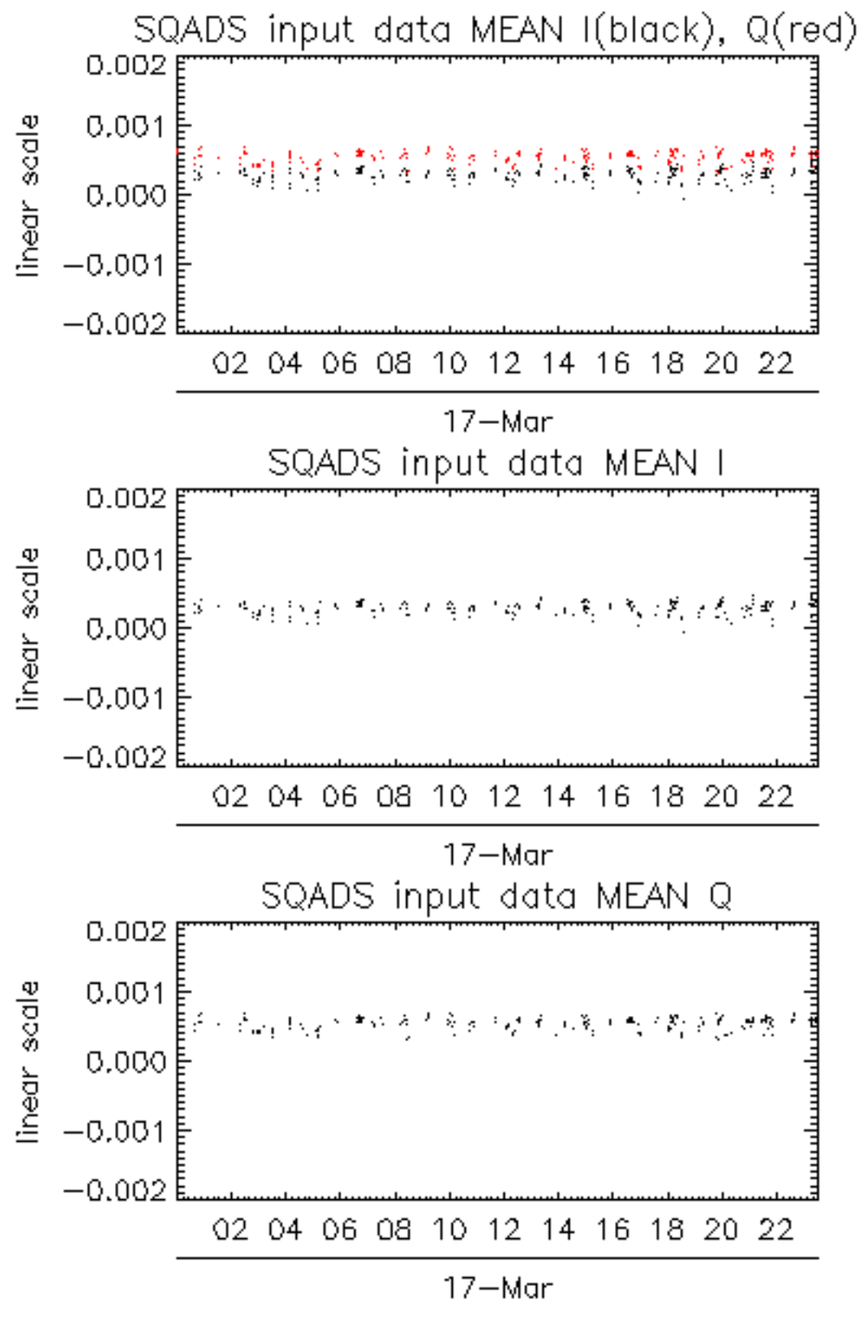
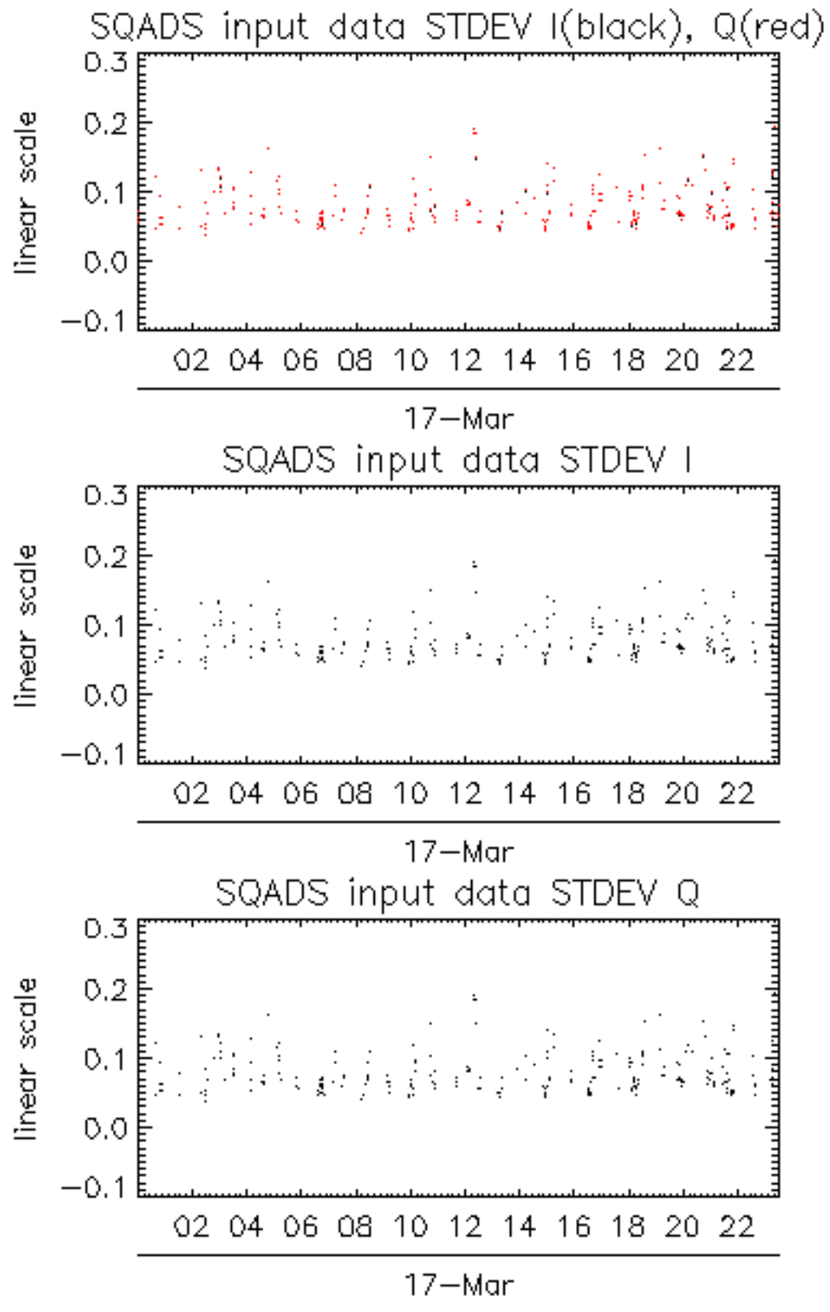
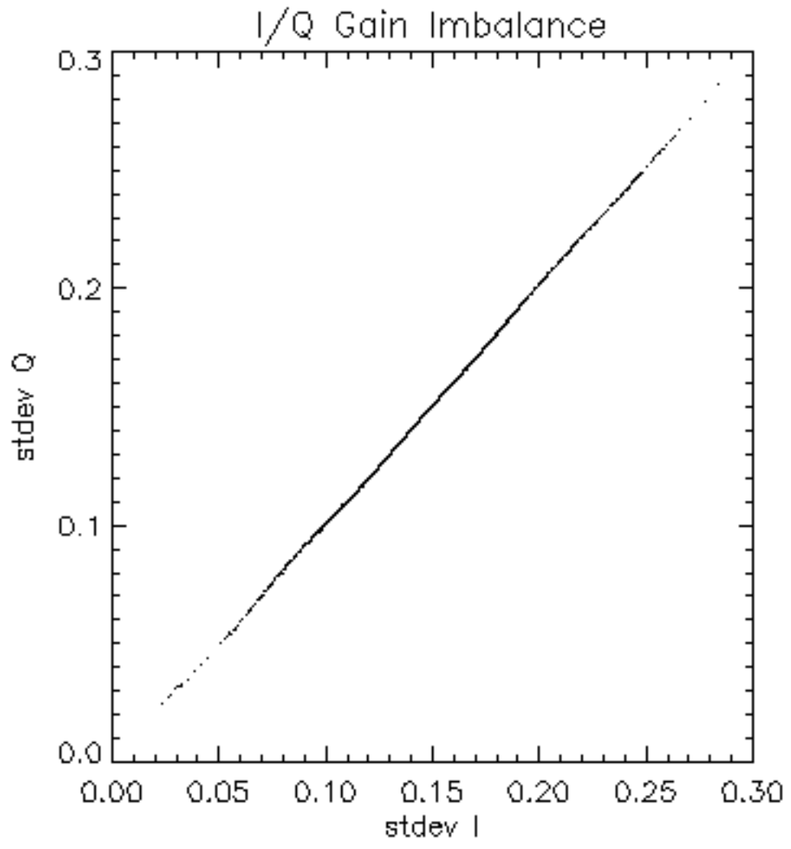
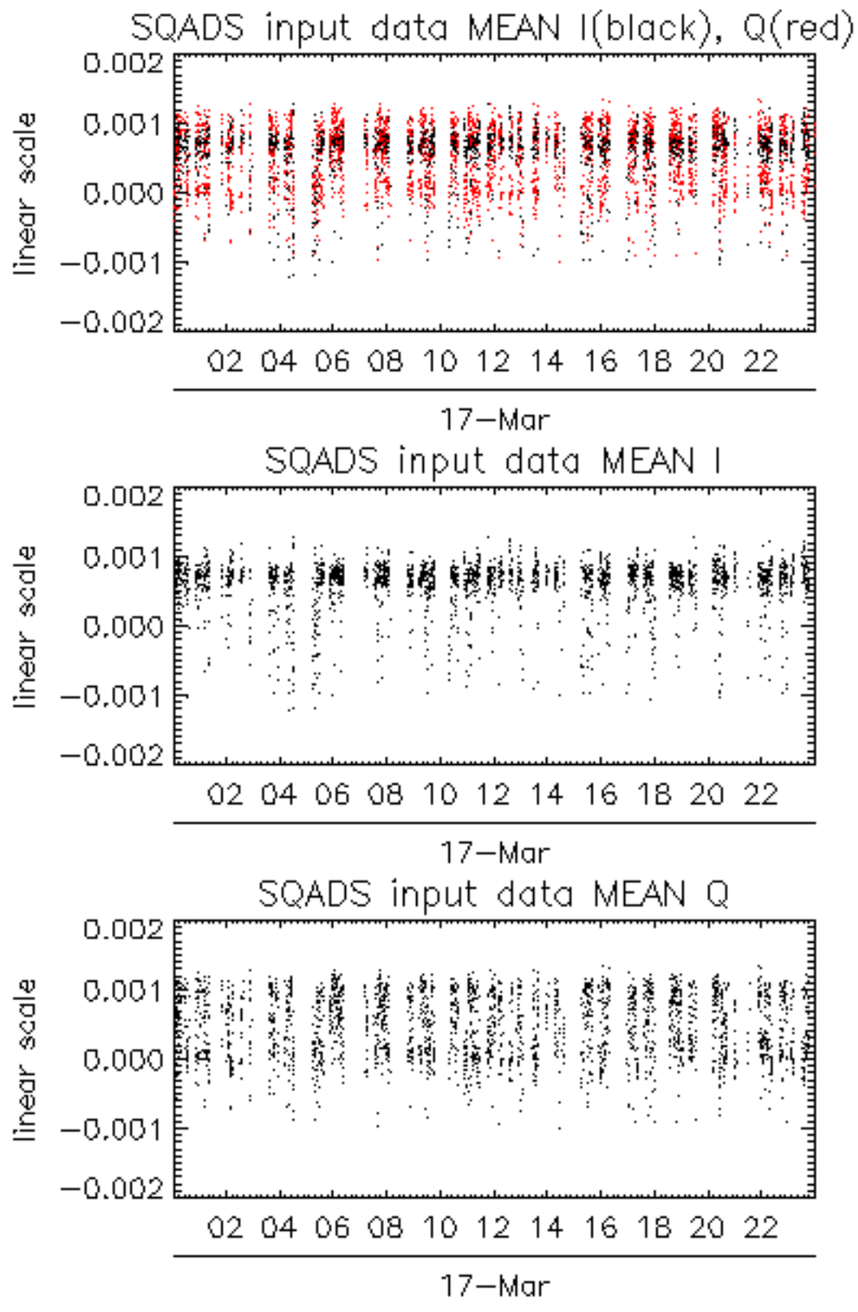
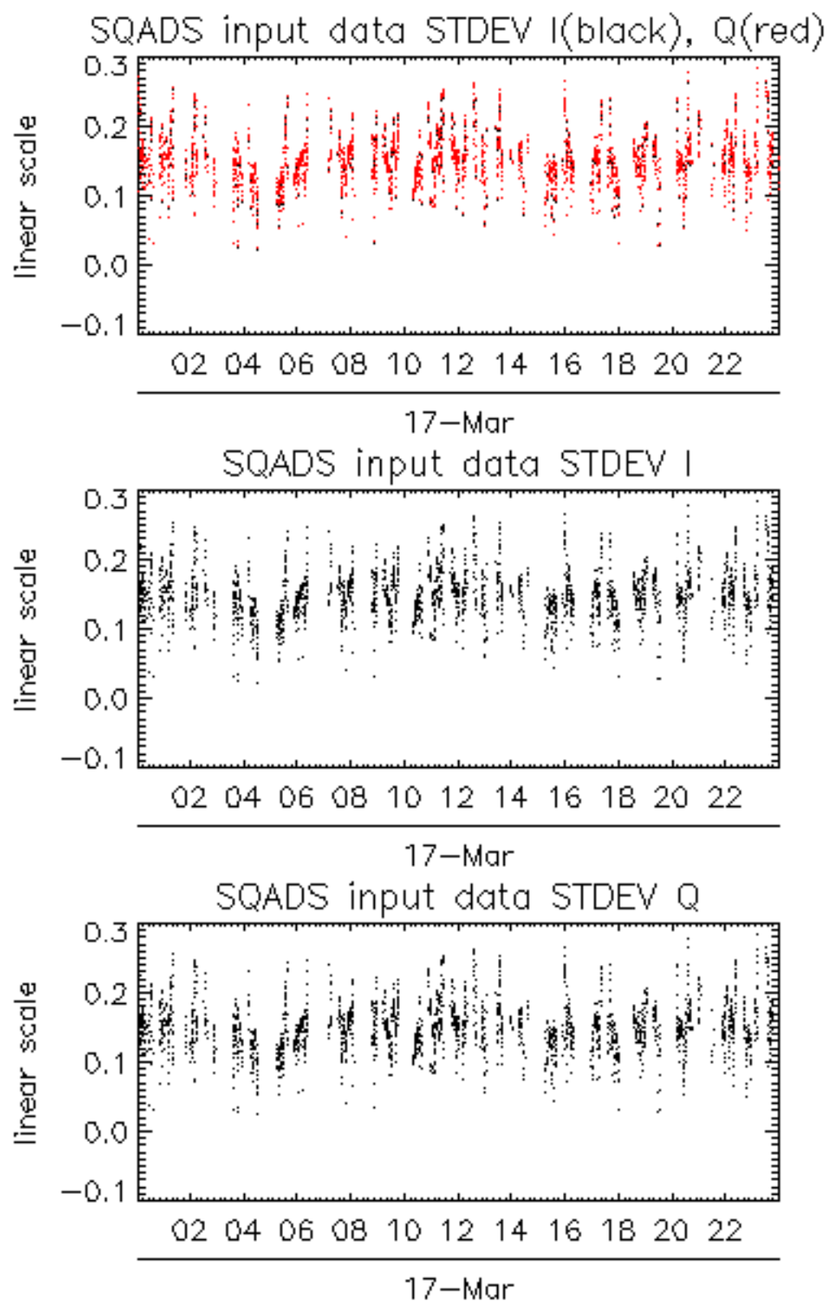

I/Q Gain Imbalance
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00
0.05
0.10
0.15
0.20
stdev I

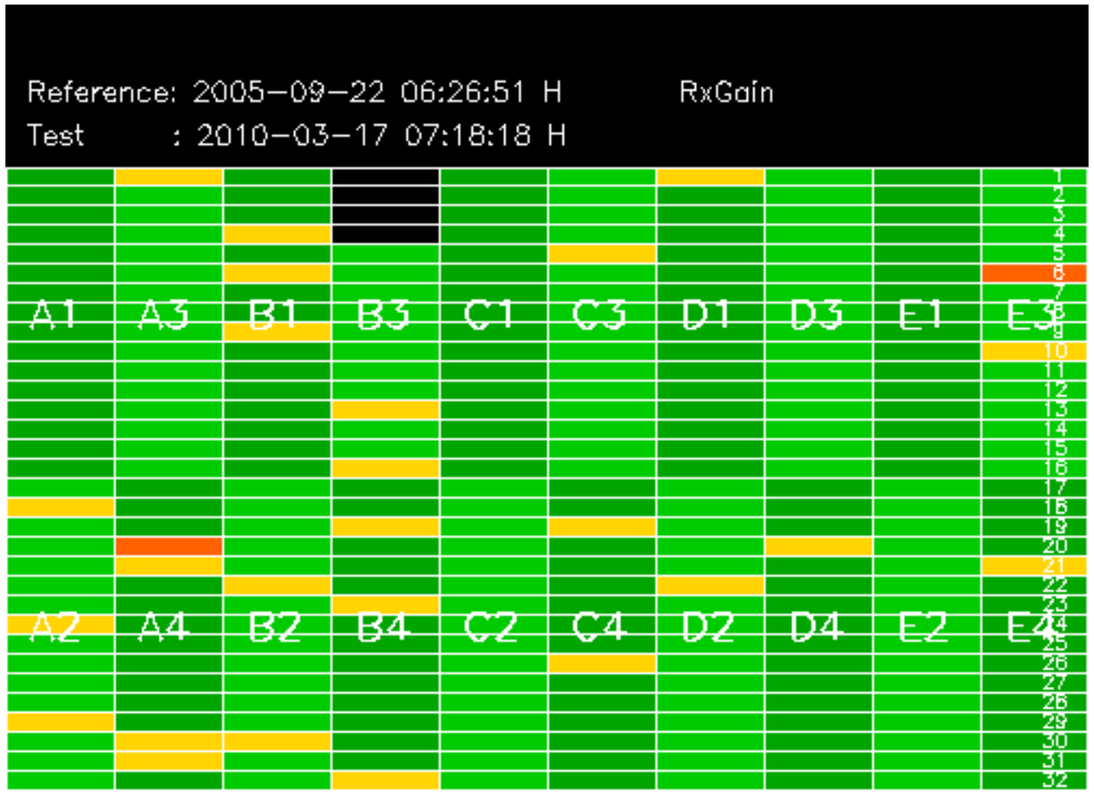

SQADS input data MEAN I(black), Q(red)
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
17−Mar
SQADS input data MEAN I
linear scale
0.002
0.001
0.000
−0.001
−0.002
02 04 06 08 10 12 14 16 18 20 22
17−Mar
SQADS input data MEAN Q
linear scale
0.002
0.001
0.000
−0.001
−0.002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

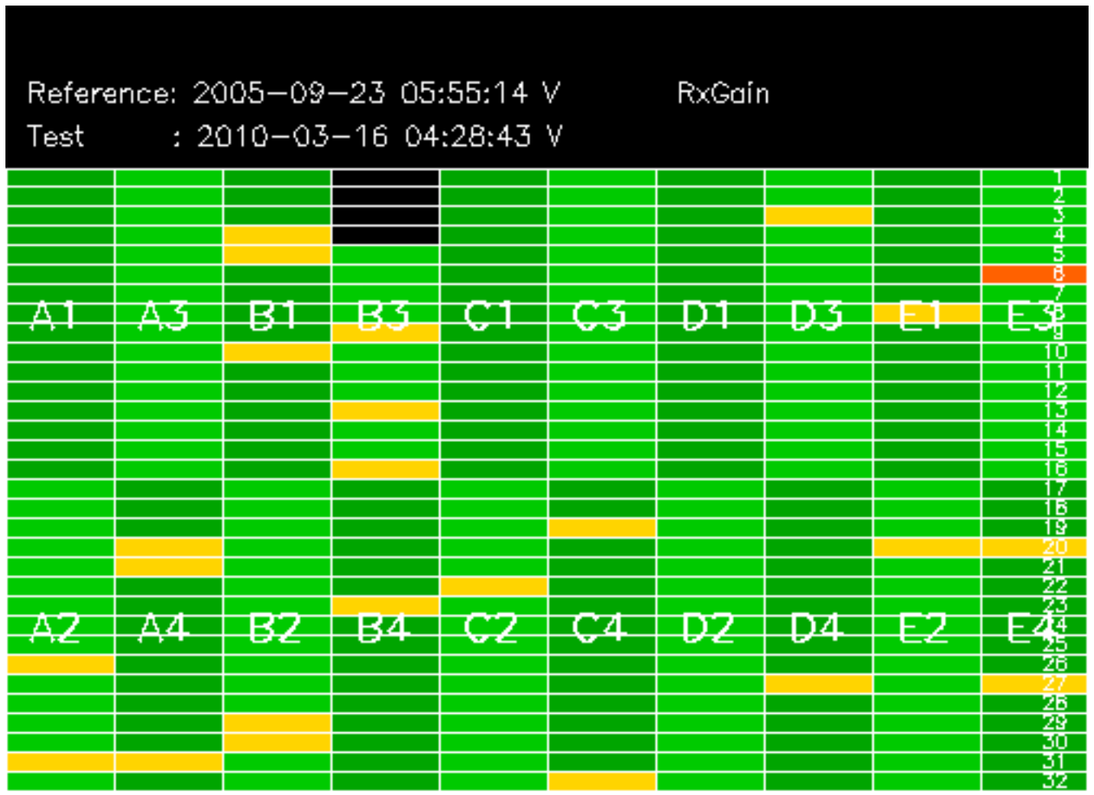

SQADS input data STDEV I(black), Q(red)
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
17−Mar
SQADS input data STDEV I
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20 22
17−Mar
SQADS input data STDEV Q
linear scale
0.3
0.2
0.1
0.0
−0.1
02 04 06 08 10 12 14 16 18 20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


I/Q Gain Imbalance
0.3
0.2
0.1
0.0
stdev Q
0.00
0.05
0.10
0.15
0.20
0.25
0.30
stdev I


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


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


Reference: 2005-09-22 06:26:51 H
Test : 2010-03-17 07:18:18 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-23 05:55:14 V
Test : 2010-03-16 04:28:43 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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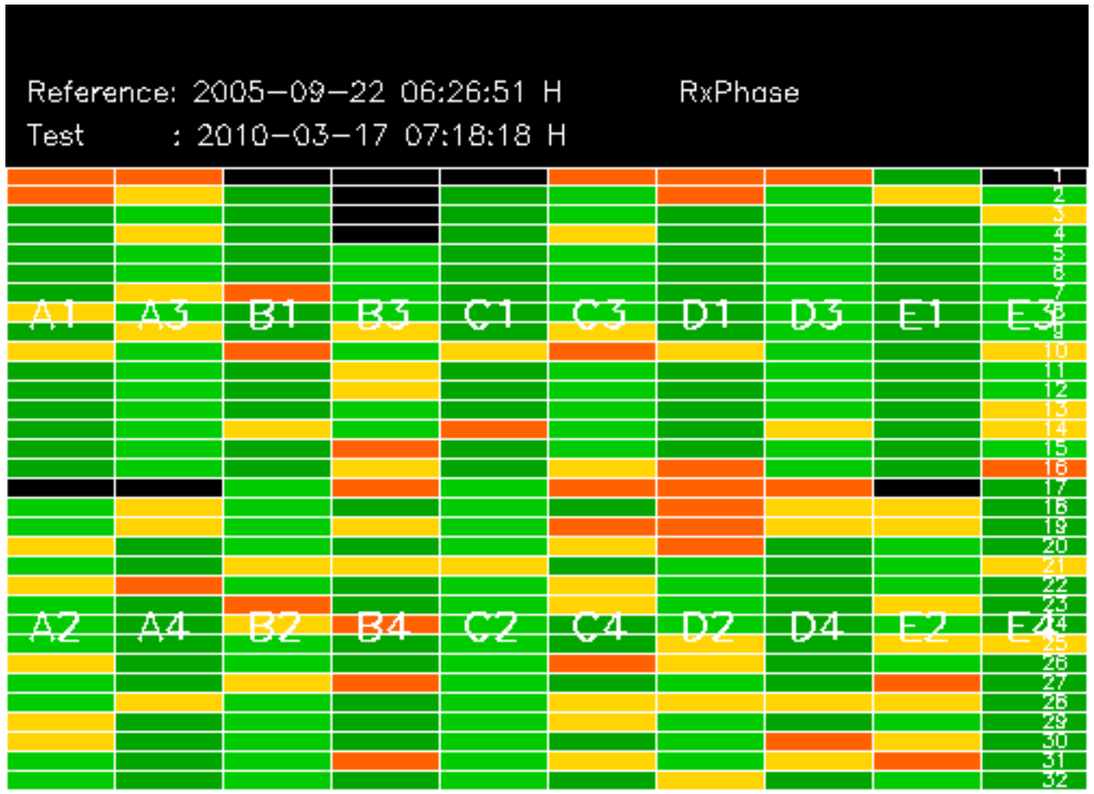
Reference: 2005-09-22 06:26:51 H
RxPhase
Test : 2010-03-17 07:18:18 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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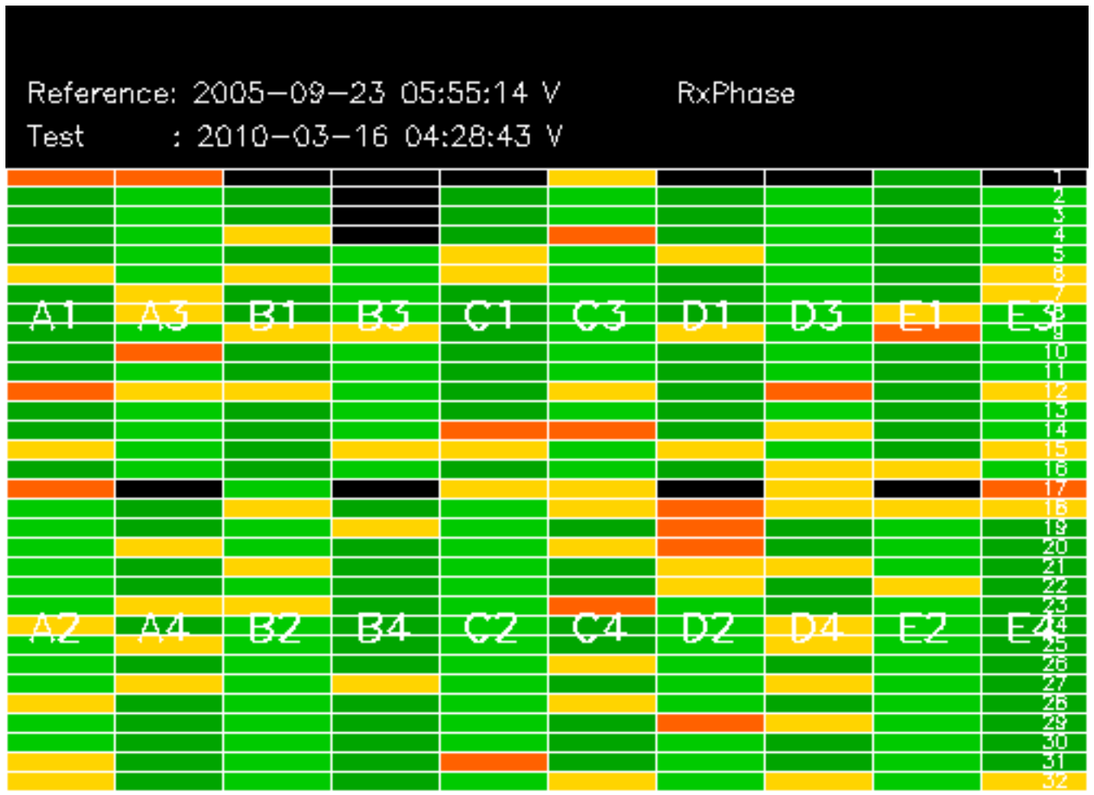
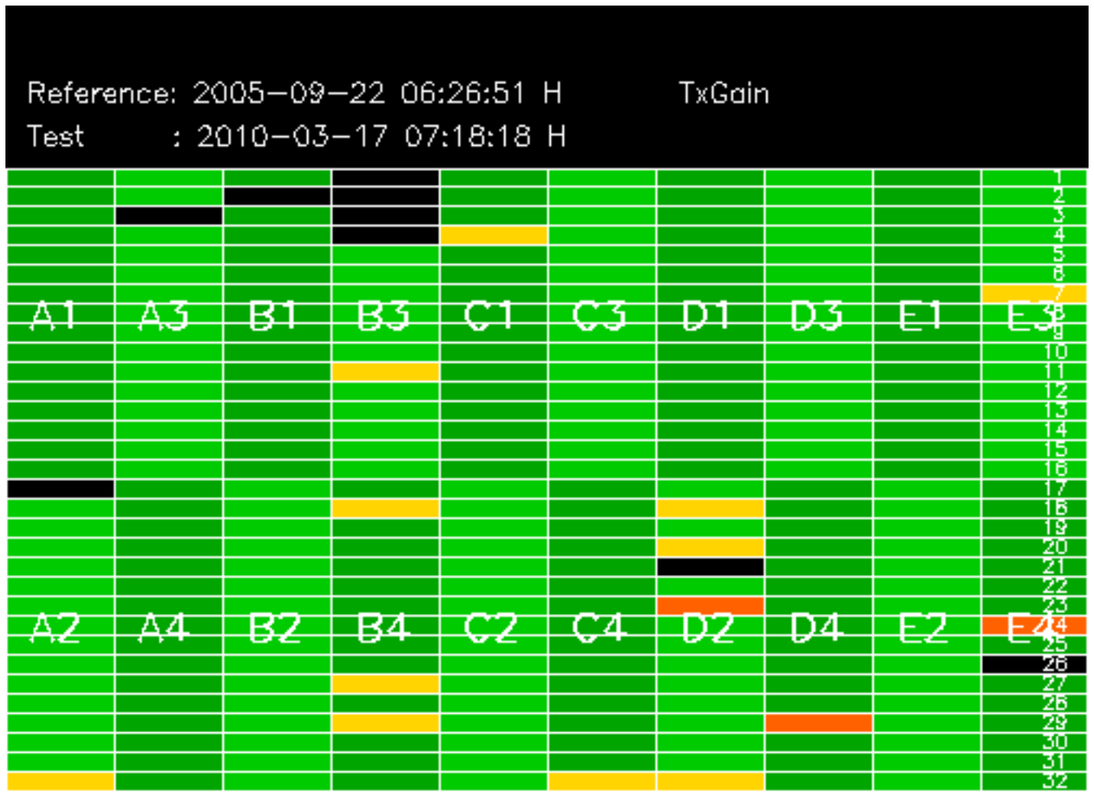

Reference: 2005-09-23 05:55:14 V
Test : 2010-03-16 04:28:43 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-22 06:26:51 H
Test : 2010-03-17 07:18:18 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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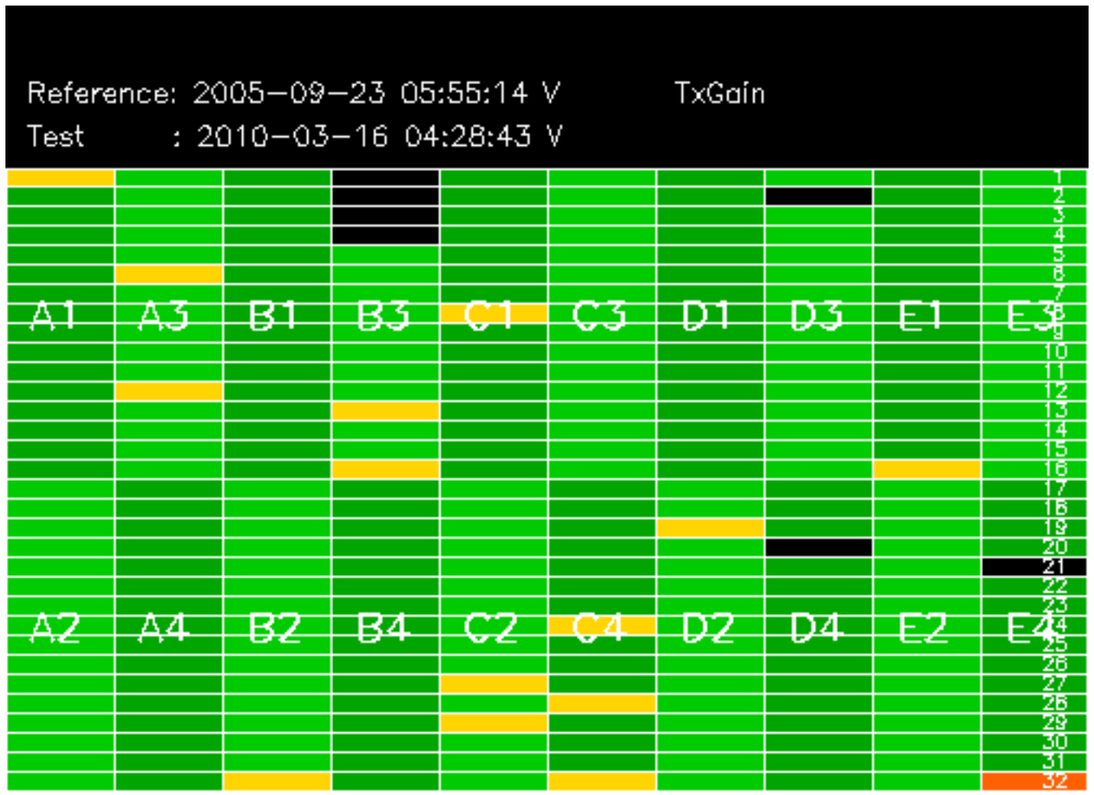
Reference: 2005-09-23 05:55:14 V
Test : 2010-03-16 04:28:43 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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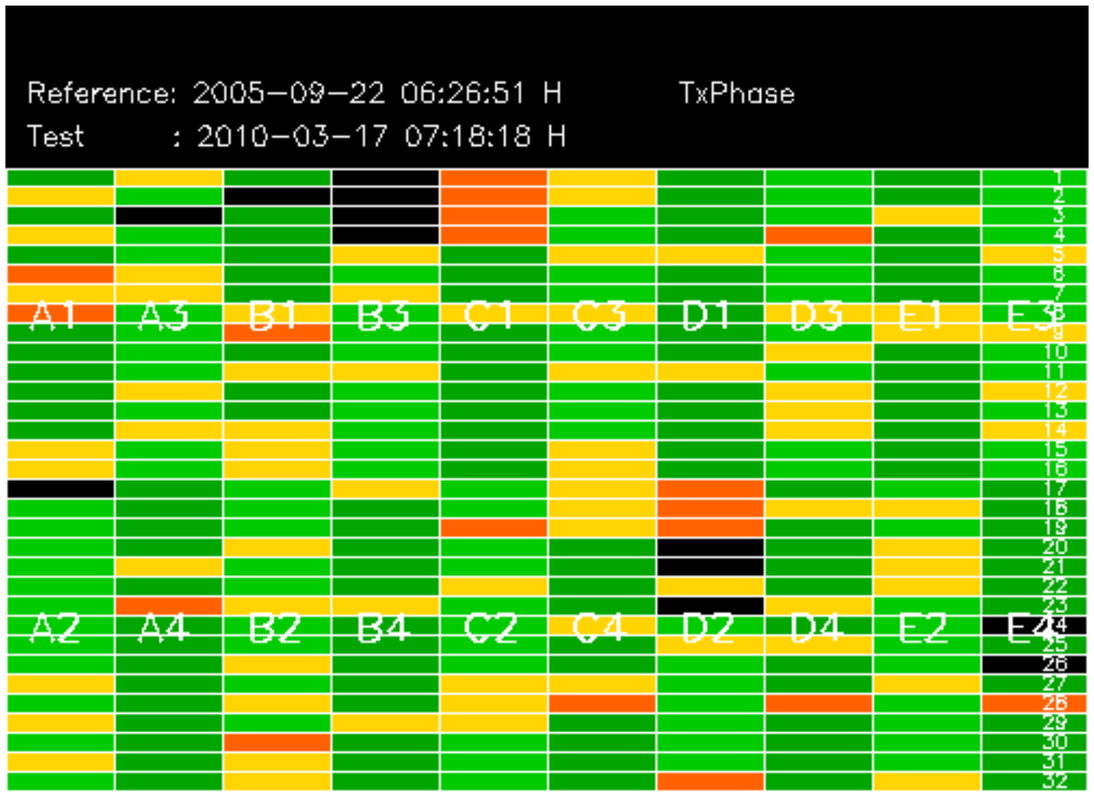
Reference: 2005-09-22 06:26:51 H
TxPhase
Test : 2010-03-17 07:18:18 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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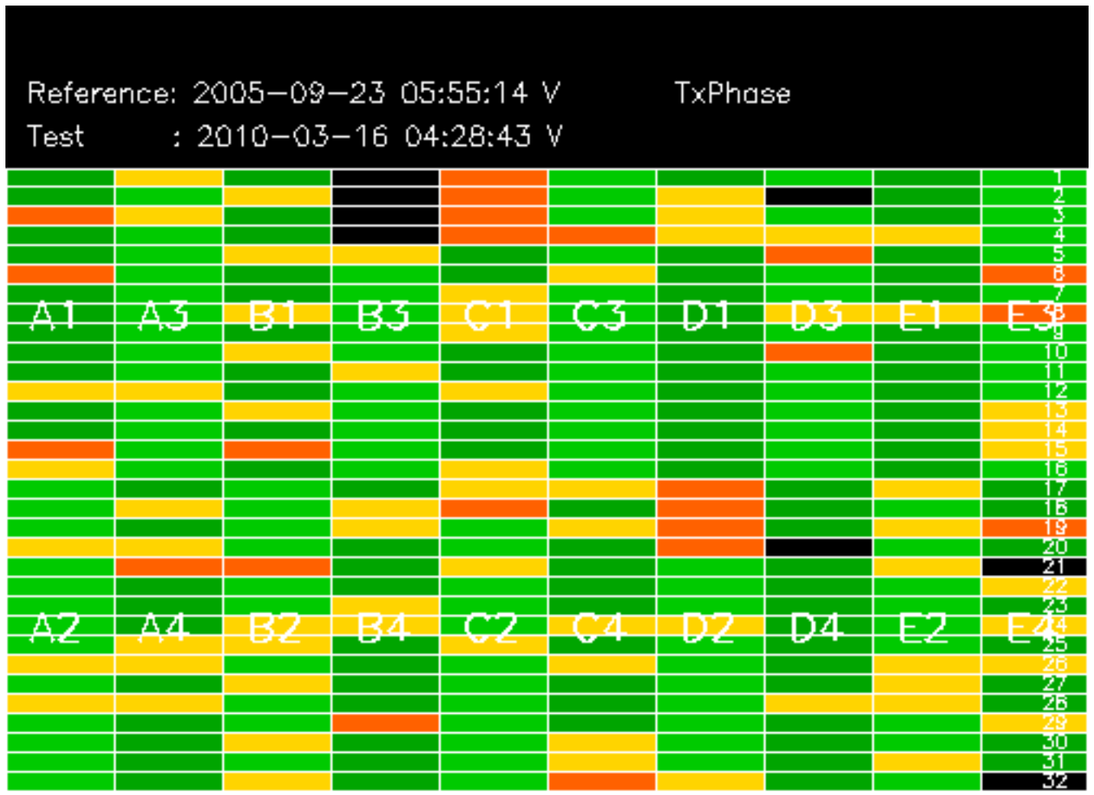
Reference: 2005-09-23 05:55:14 V
TxPhase
Test : 2010-03-16 04:28:43 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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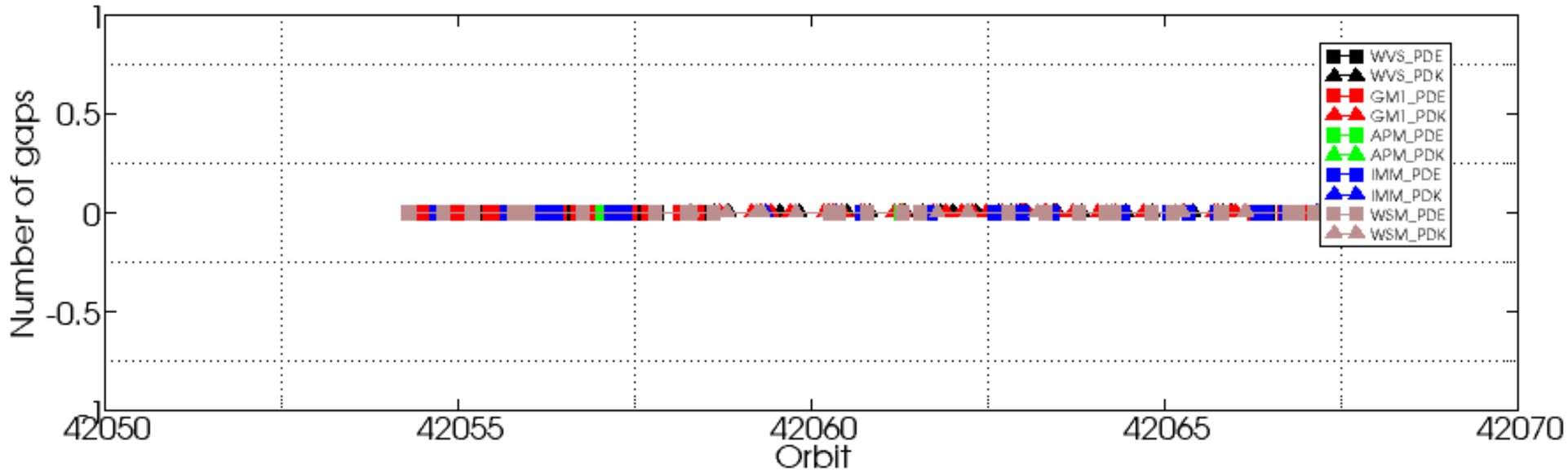
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-1
Number of gaps
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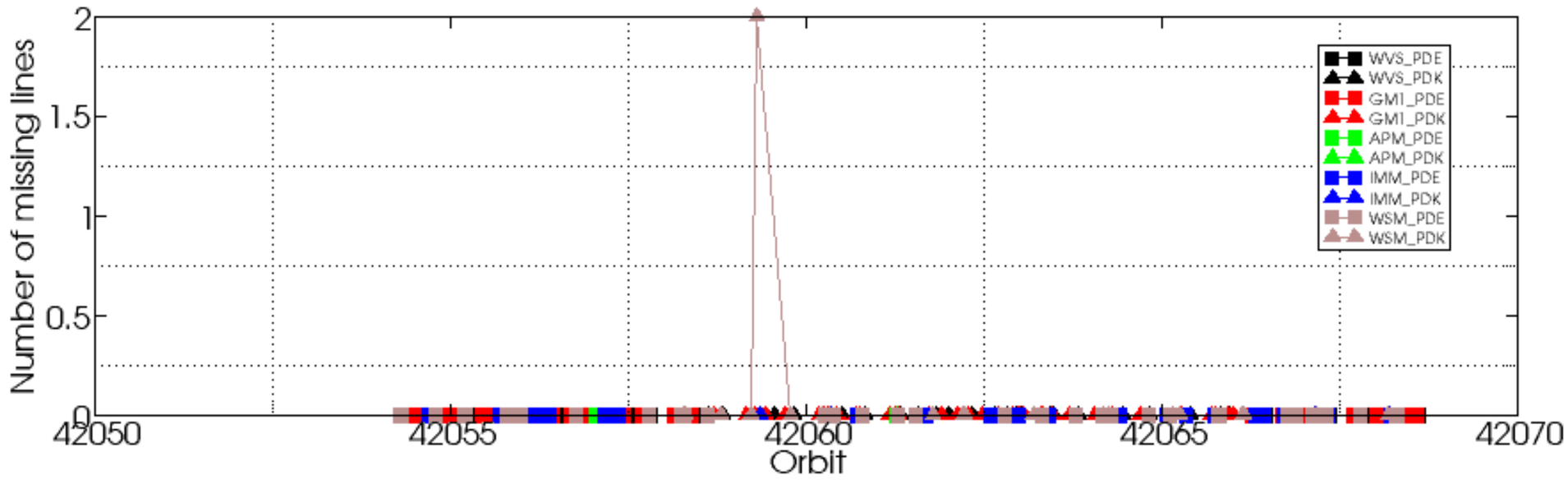
42055
42060
42065
42070
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK


Number of missing lines
2
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1
0.5
0
42050
42055
42060
42065
42070
Orbit
WVS_PDE
WVS_PDK
GM1_PDE
GM1_PDK
APM_PDE
APM_PDK
IMM_PDE
IMM_PDK
WSM_PDE
WSM_PDK