



Analysis from 02-FEB-2012 00:00:00 to 02-FEB-2012 23:59:59. Page generated on 03-FEB-2012 06:31:32.
View log file: ASAR_Daily_Report_20120203_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	33	PDE	IS1	V/H	6	PDE	IS1	H/H	1	PDE	WS	H/H	28	PDK	2012-02-02 15:13:54	H	320
PDE	IS2	V/V	30	PDK	WS	H/H	46	PDE	IS2	H/H	1	PDE	IS2	H/H	2	PDE	WS	V/V	7	PDK	2012-02-02 16:54:09	V	320
PDK	IS2	V/V	22					PDE	IS4	H/V	1	PDE	IS2	V/V	2	PDK	WS	H/H	14				
								PDE	IS4	V/H	1	PDE	IS3	V/V	1	PDK	WS	V/V	2				
								PDE	IS7	H/H	1	PDE	IS6	H/H	5								
								PDK	IS1	V/H	1	PDK	IS6	H/H	1								
								PDK	IS3	H/H	1												
								PDK	IS4	H/H	1												

1.2 - Lists of products used

[BACK TO MENU]

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[BACK TO MENU]

No IECF ADFs list available

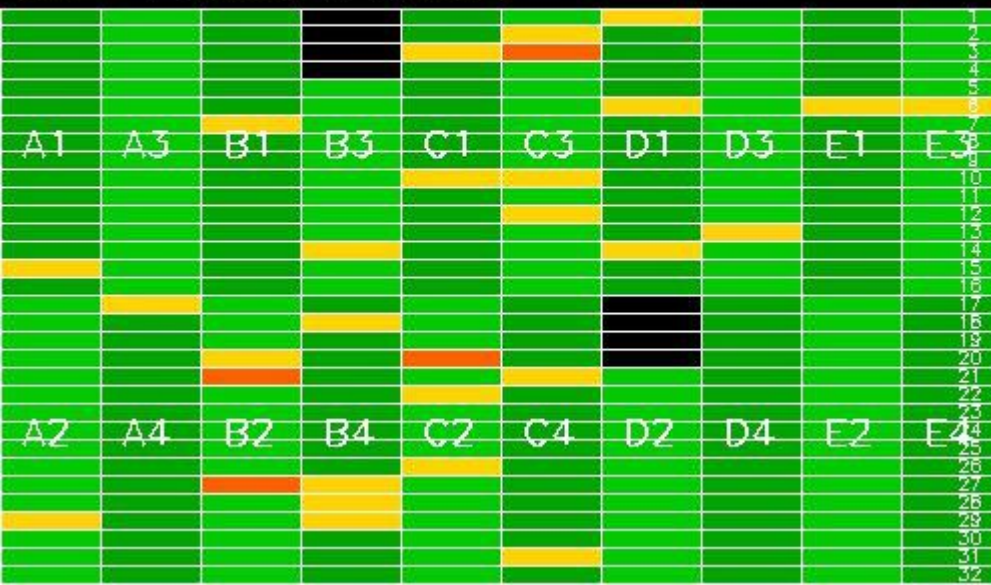
2.2 - Products with wrong ADFs

[BACK TO MENU]

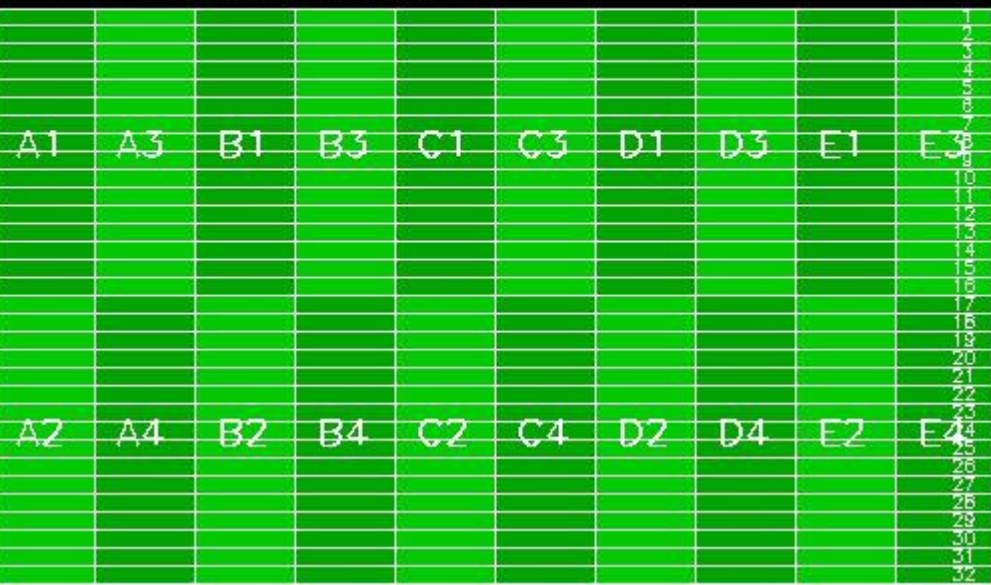
3 - MODULE STEPPING PRODUCTS ANALYSIS

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

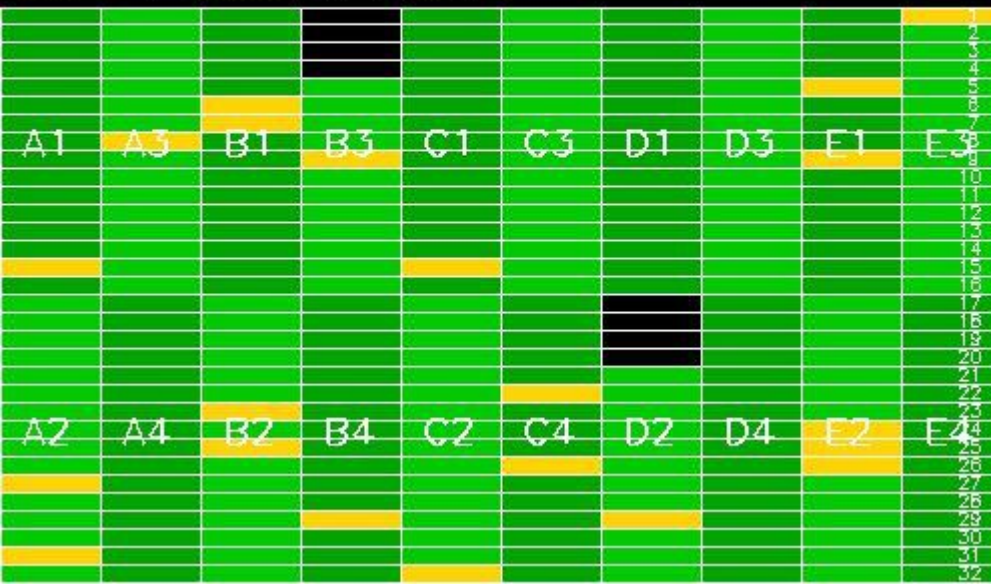
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2012-02-02 16:54:09 V



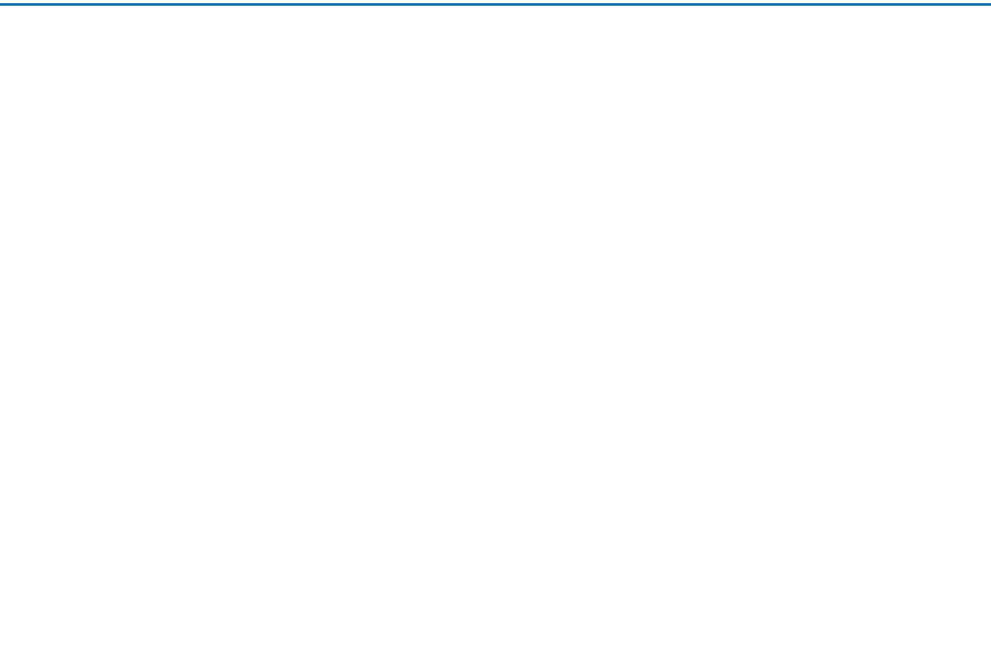
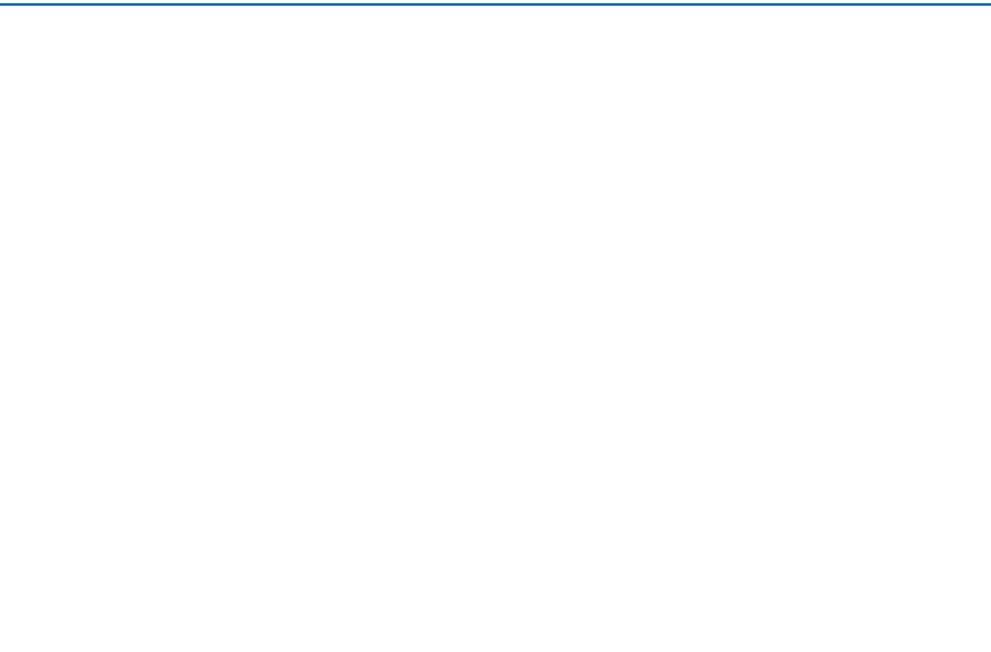
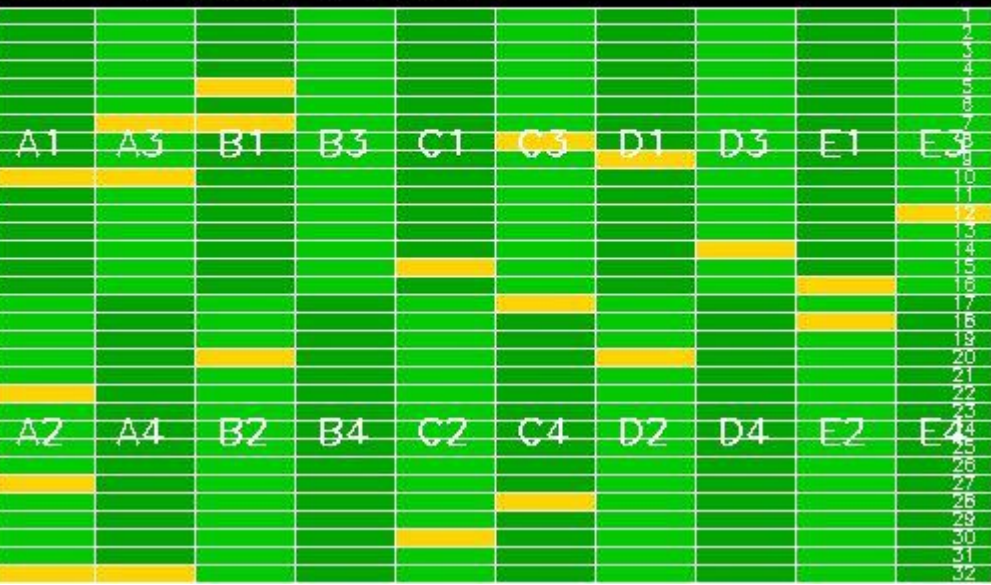
Reference: 2012-02-01 17:30:53 V RxGain
 Test : 2012-02-02 16:54:09 V

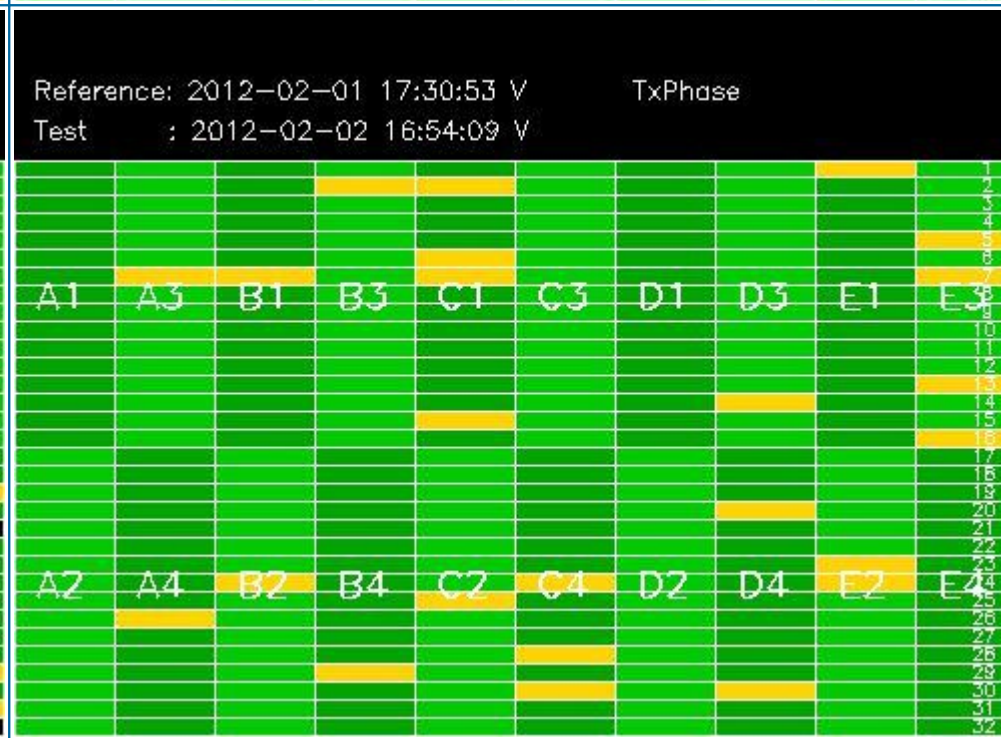
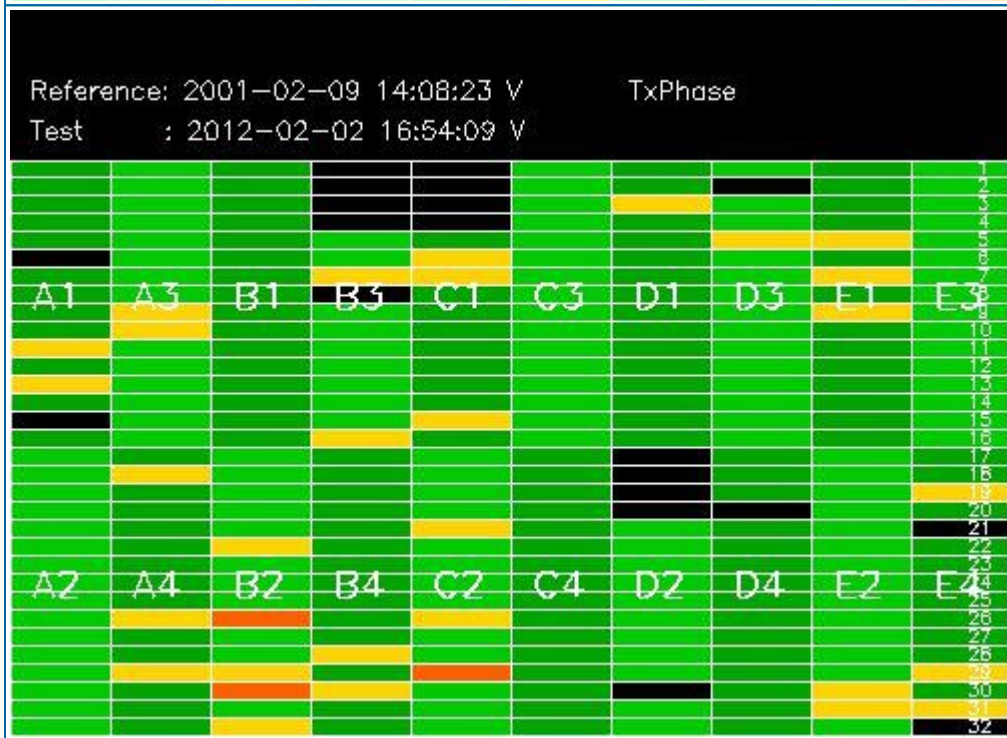
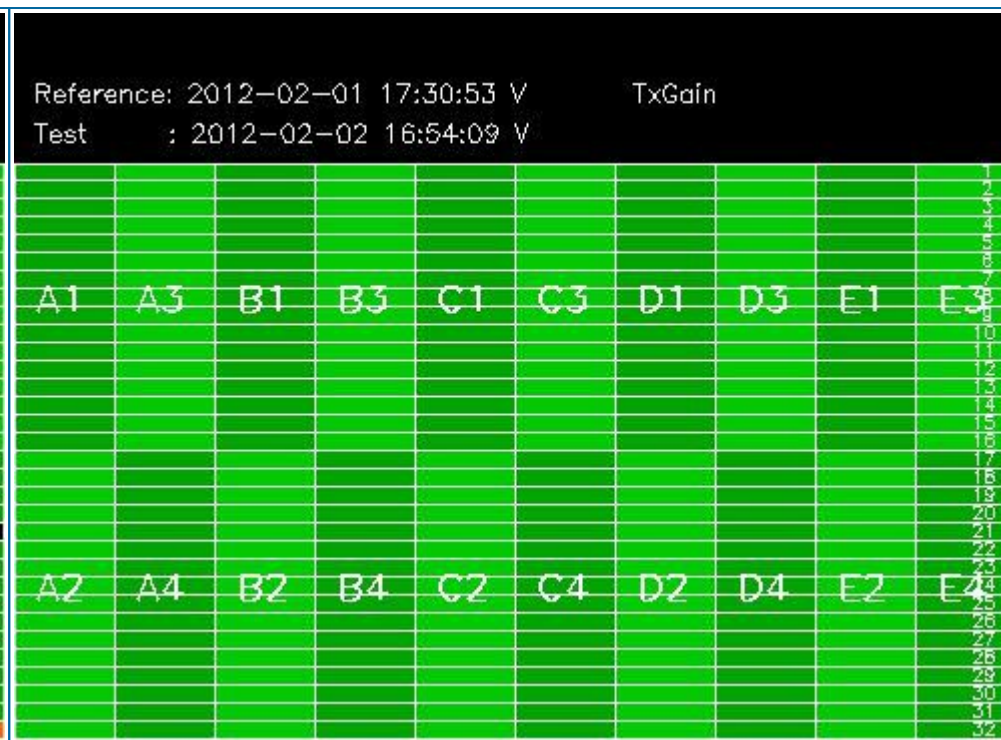
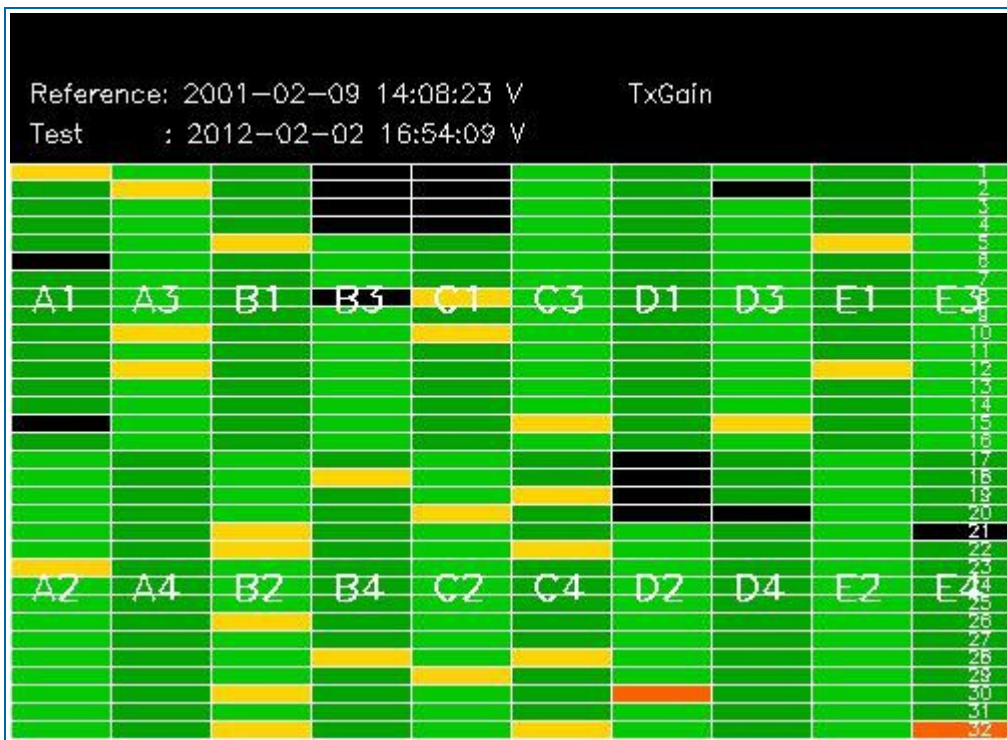


Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2012-02-02 16:54:09 V



Reference: 2012-02-01 17:30:53 V RxPhase
 Test : 2012-02-02 16:54:09 V

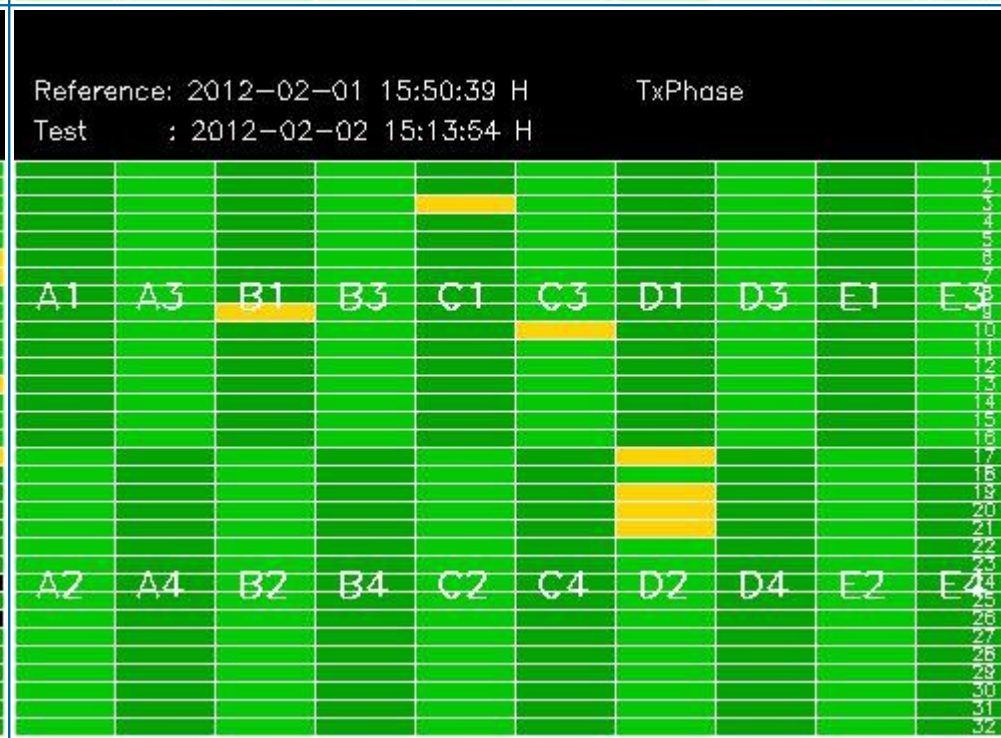
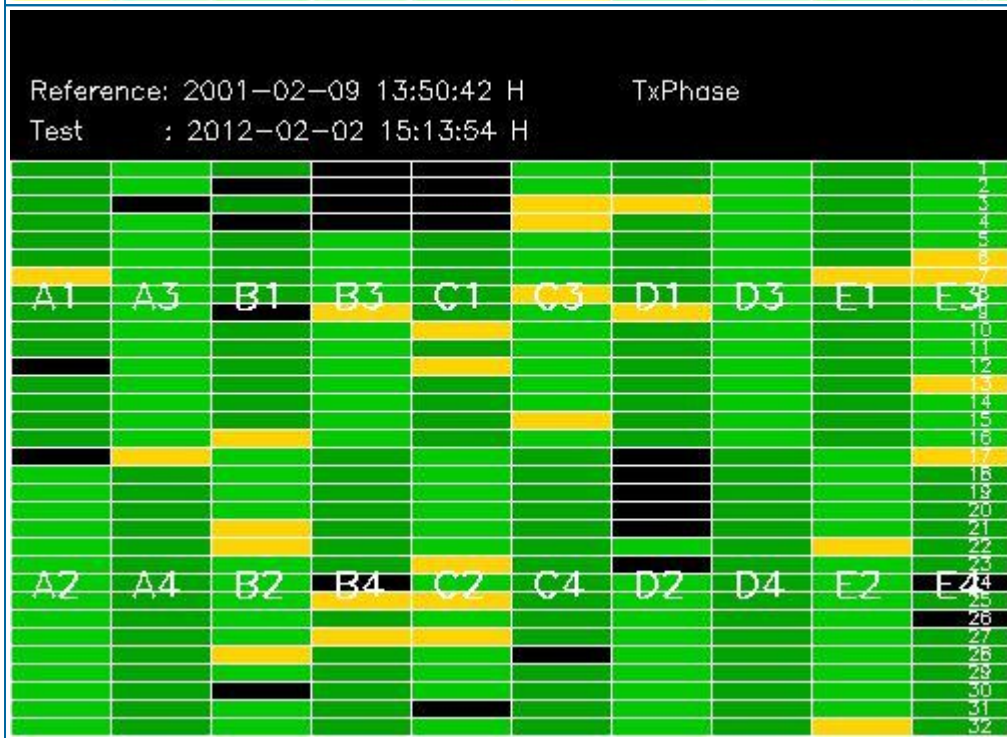
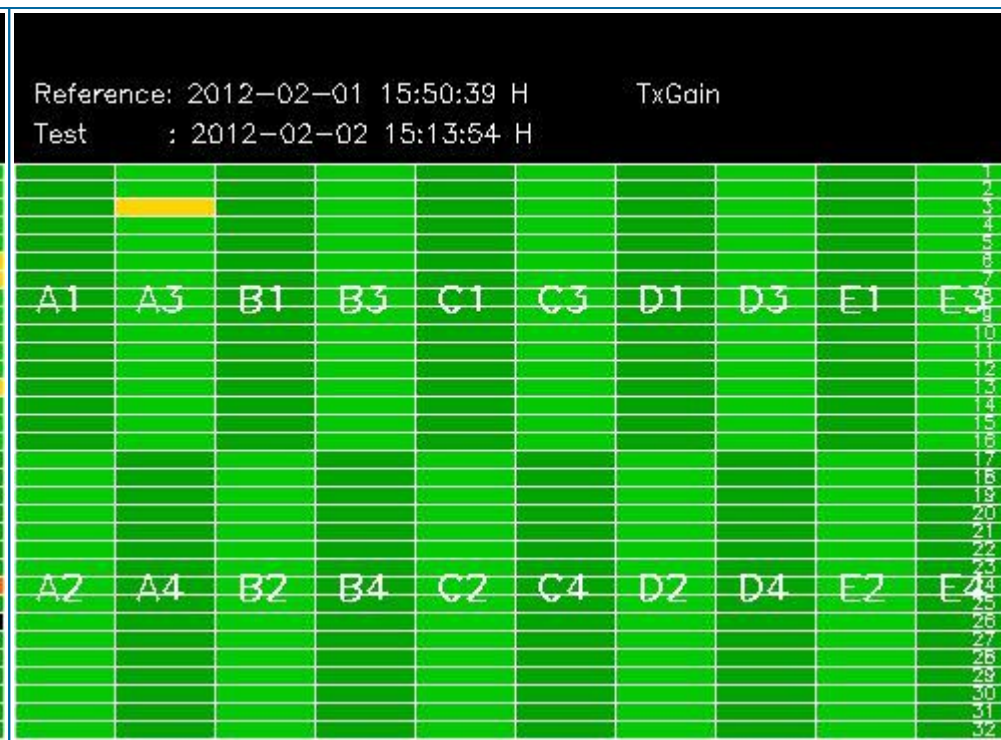
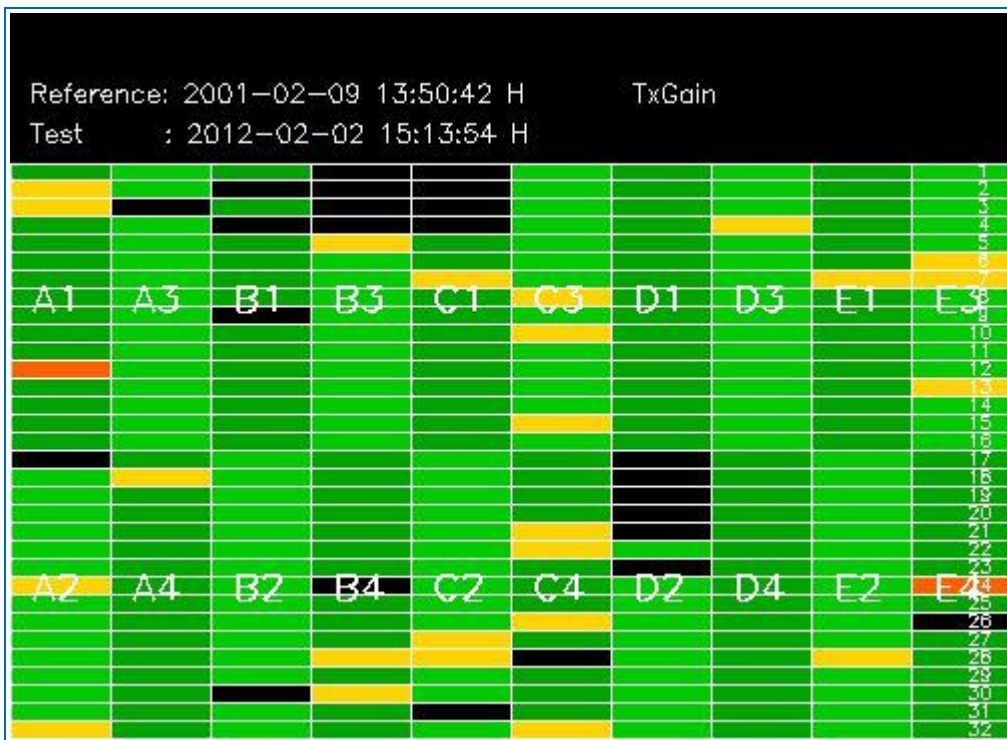




3.2 - H/H polarisation

[[BACK TO MENU](#)]

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



4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

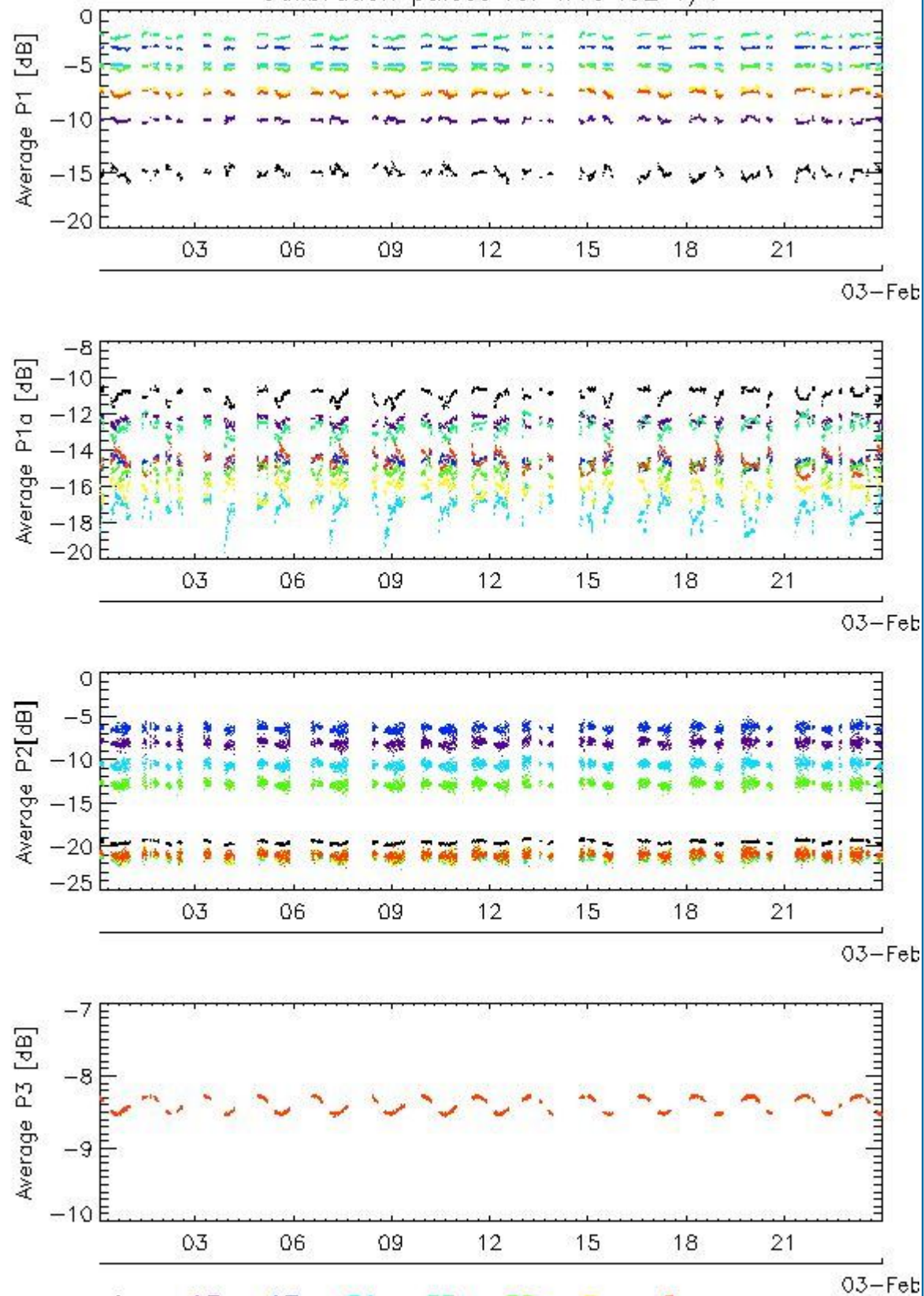
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

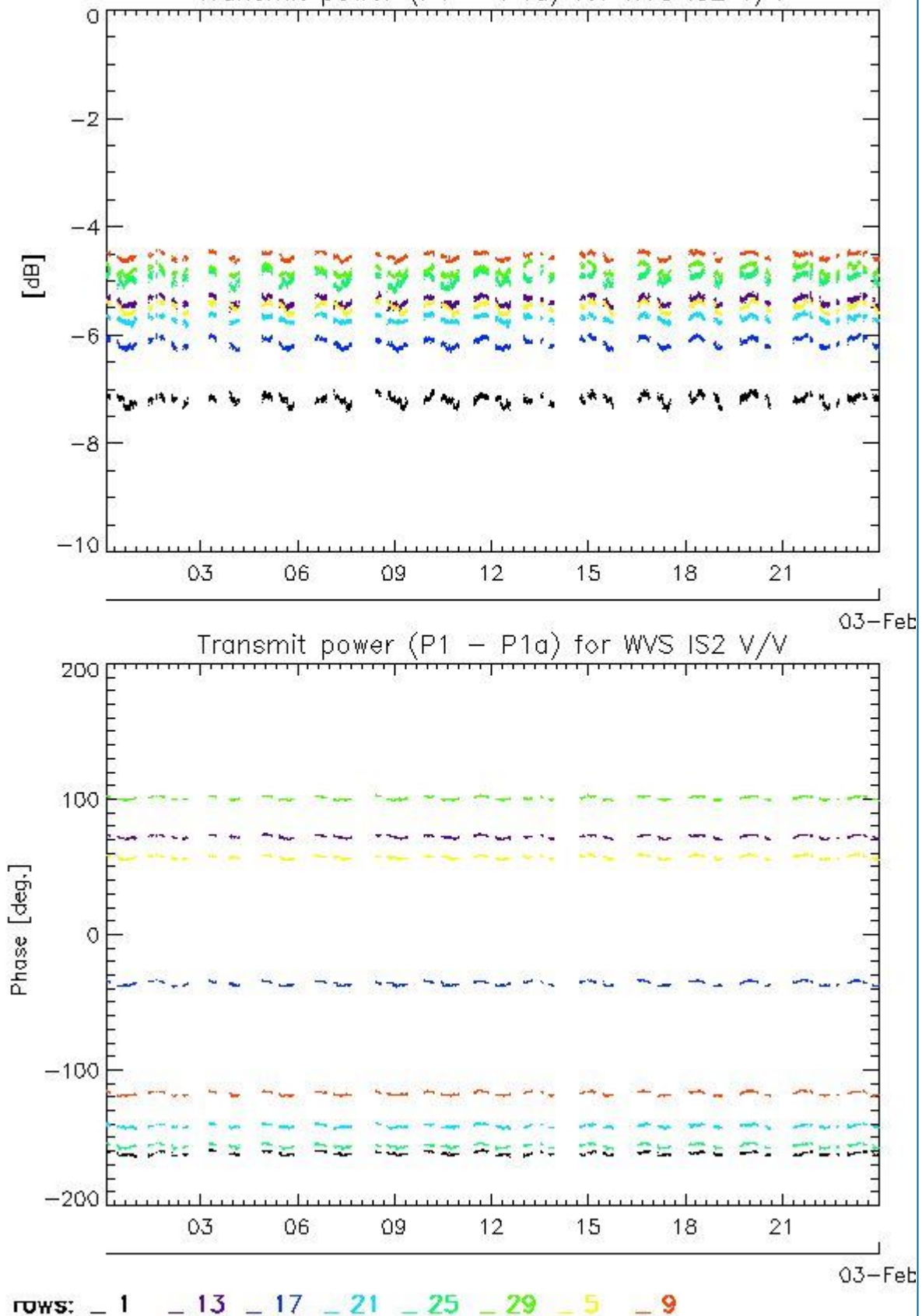
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



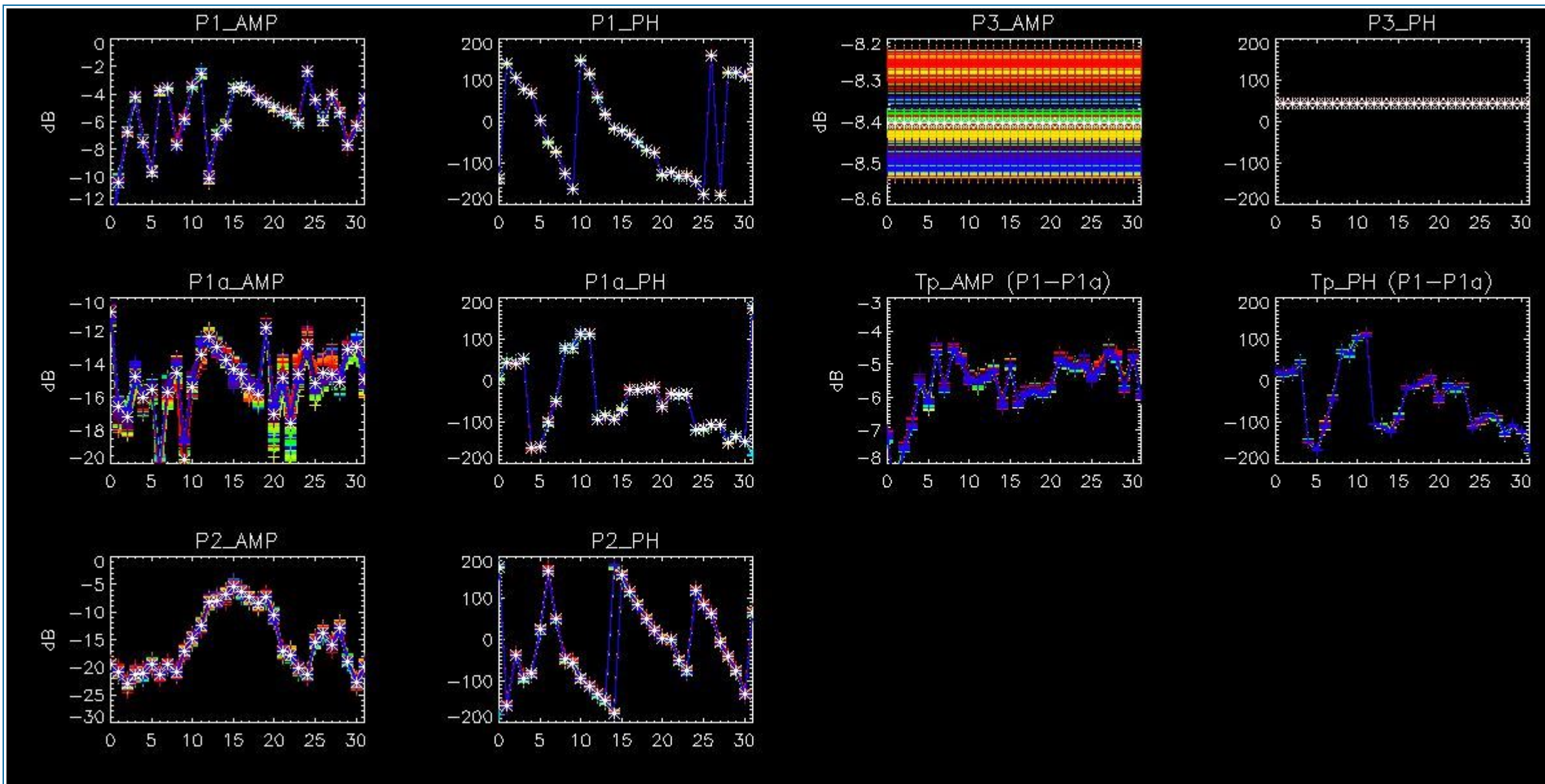
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

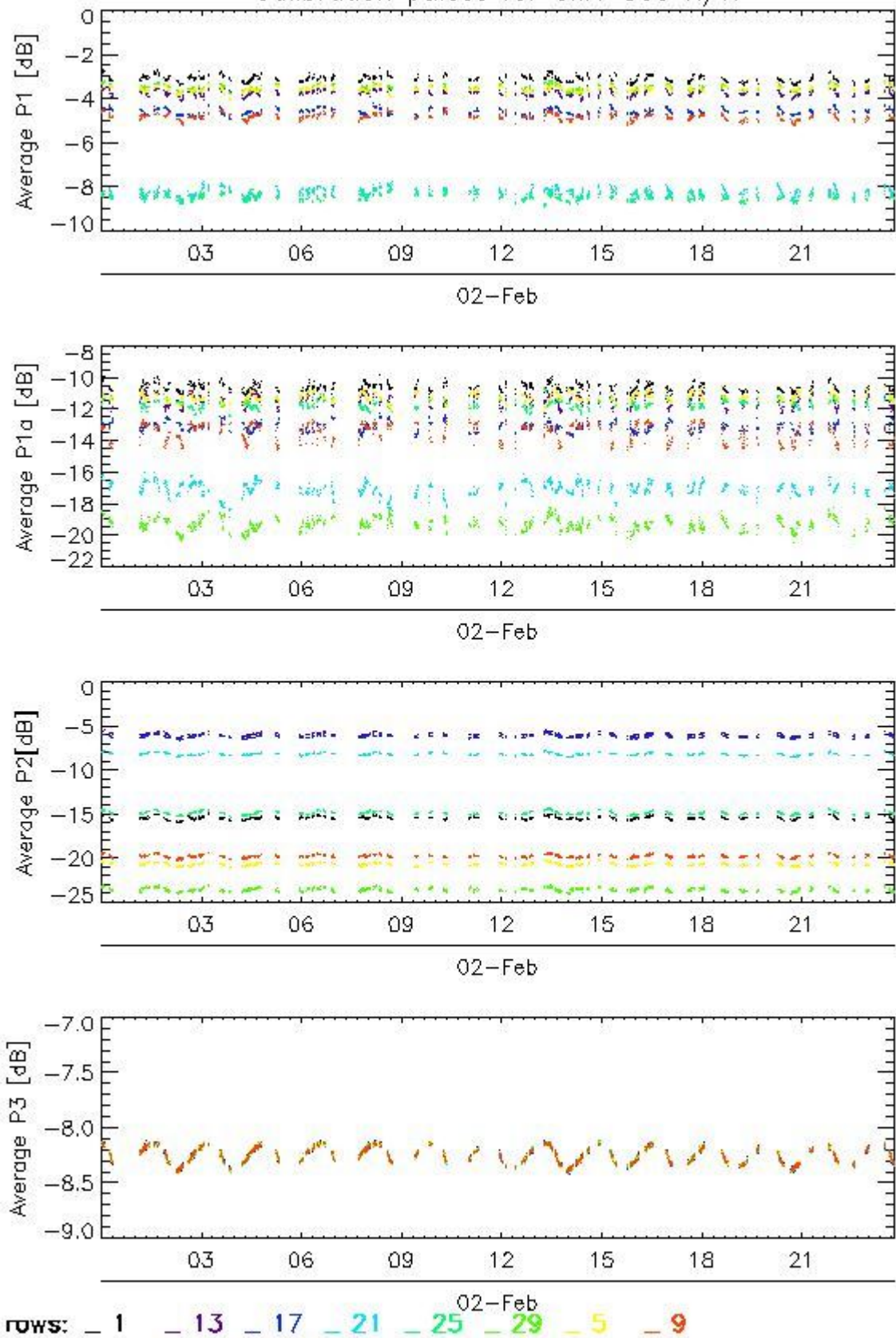
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

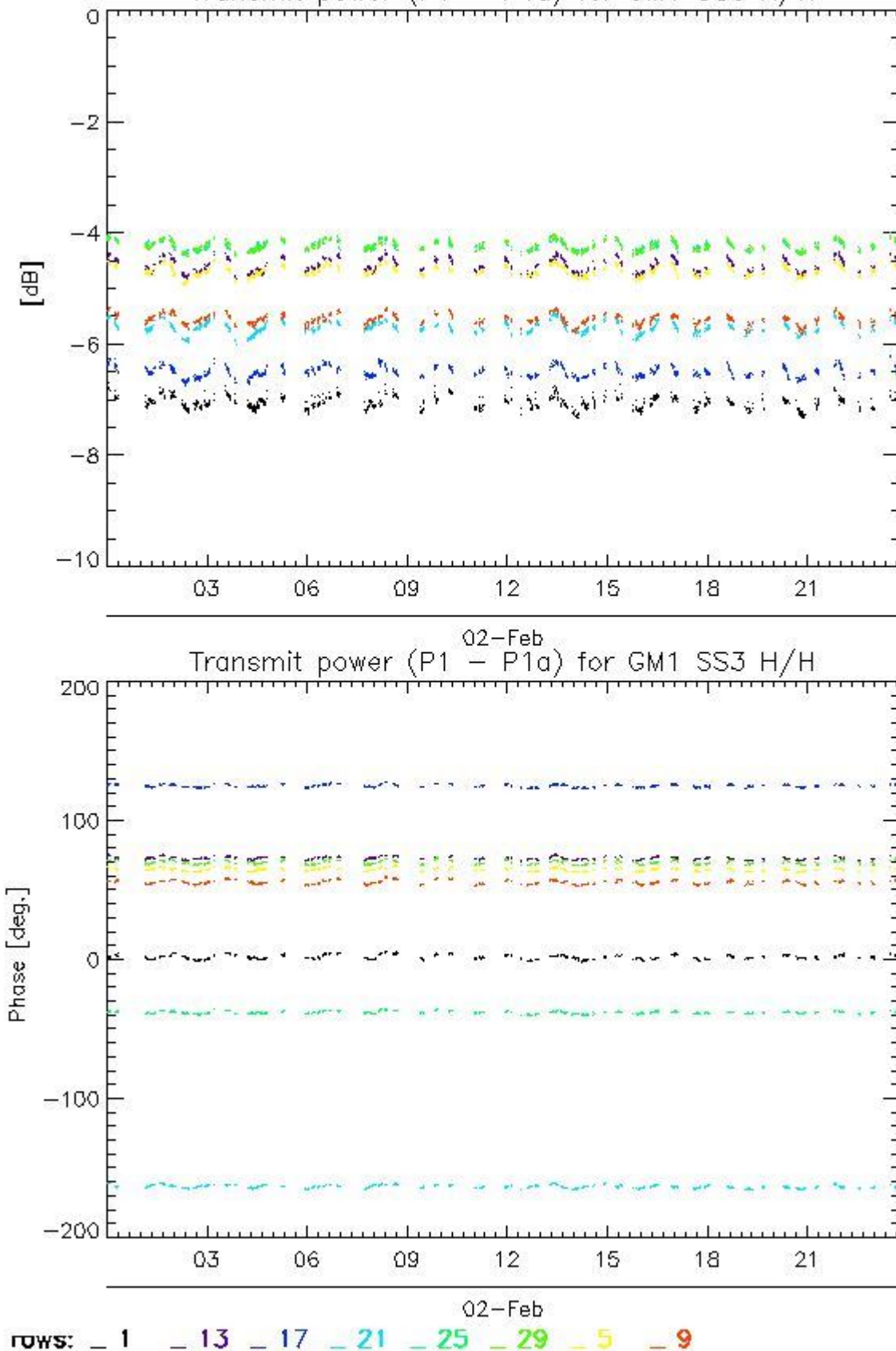
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



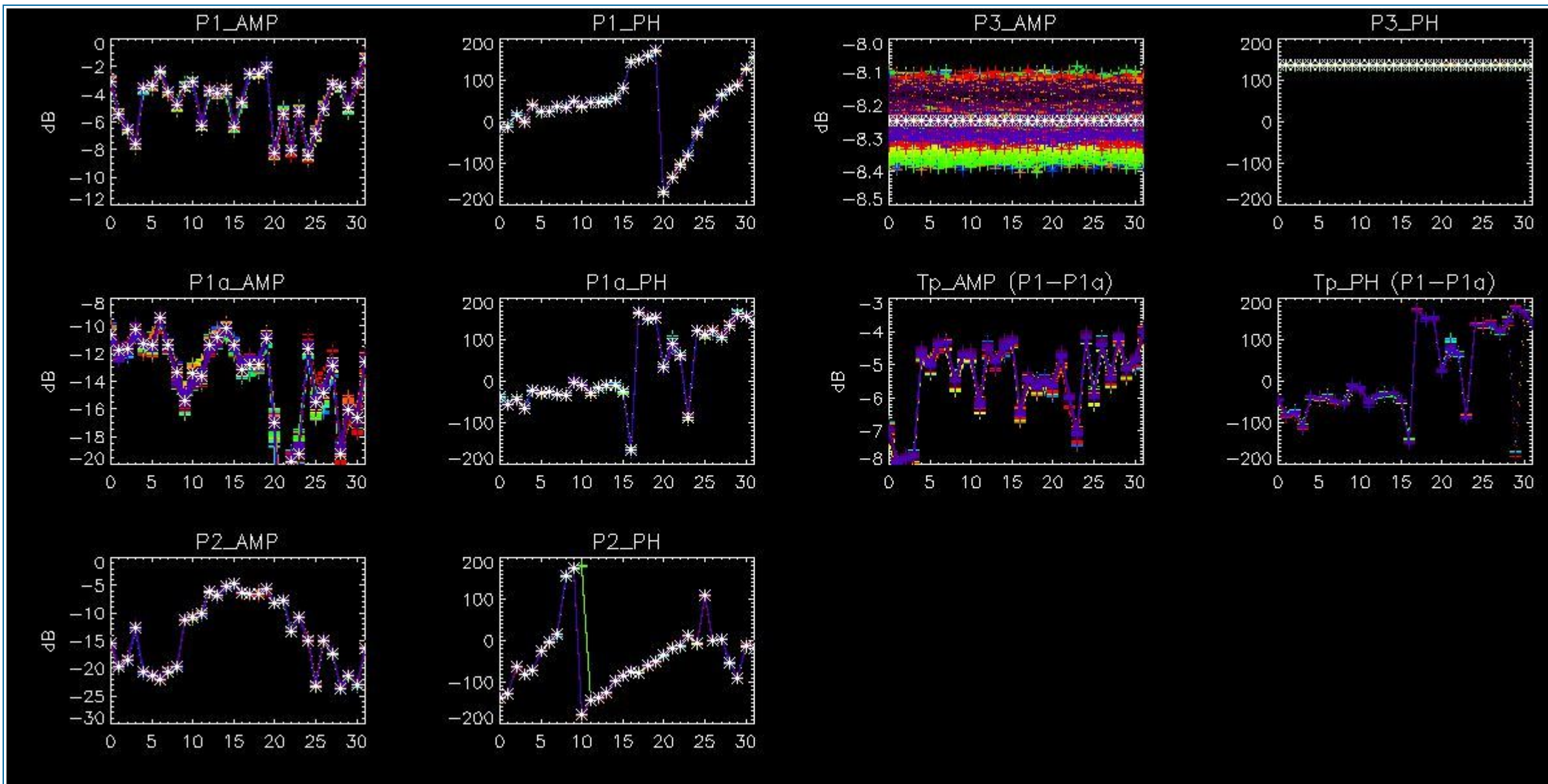
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[BACK TO MENU]





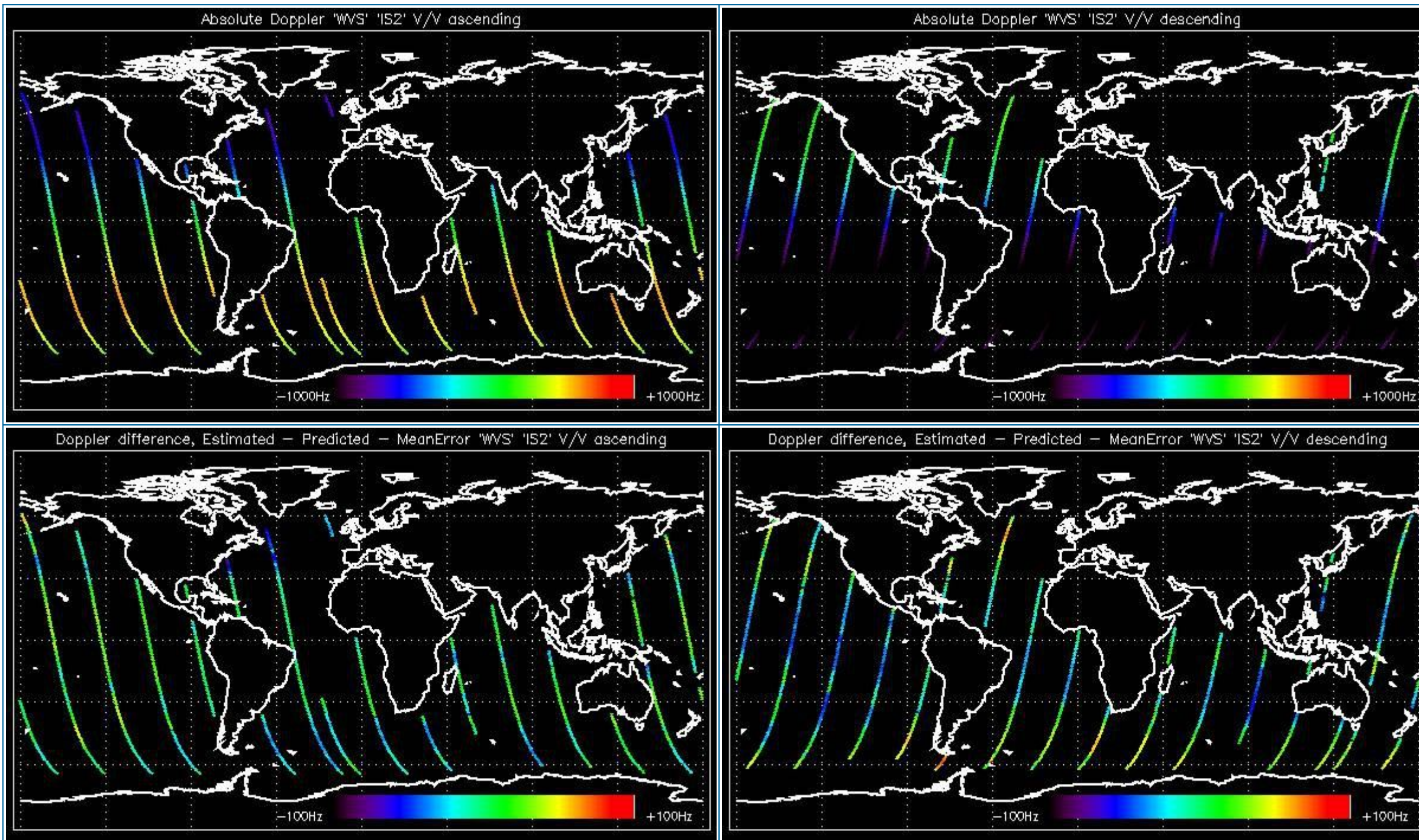
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

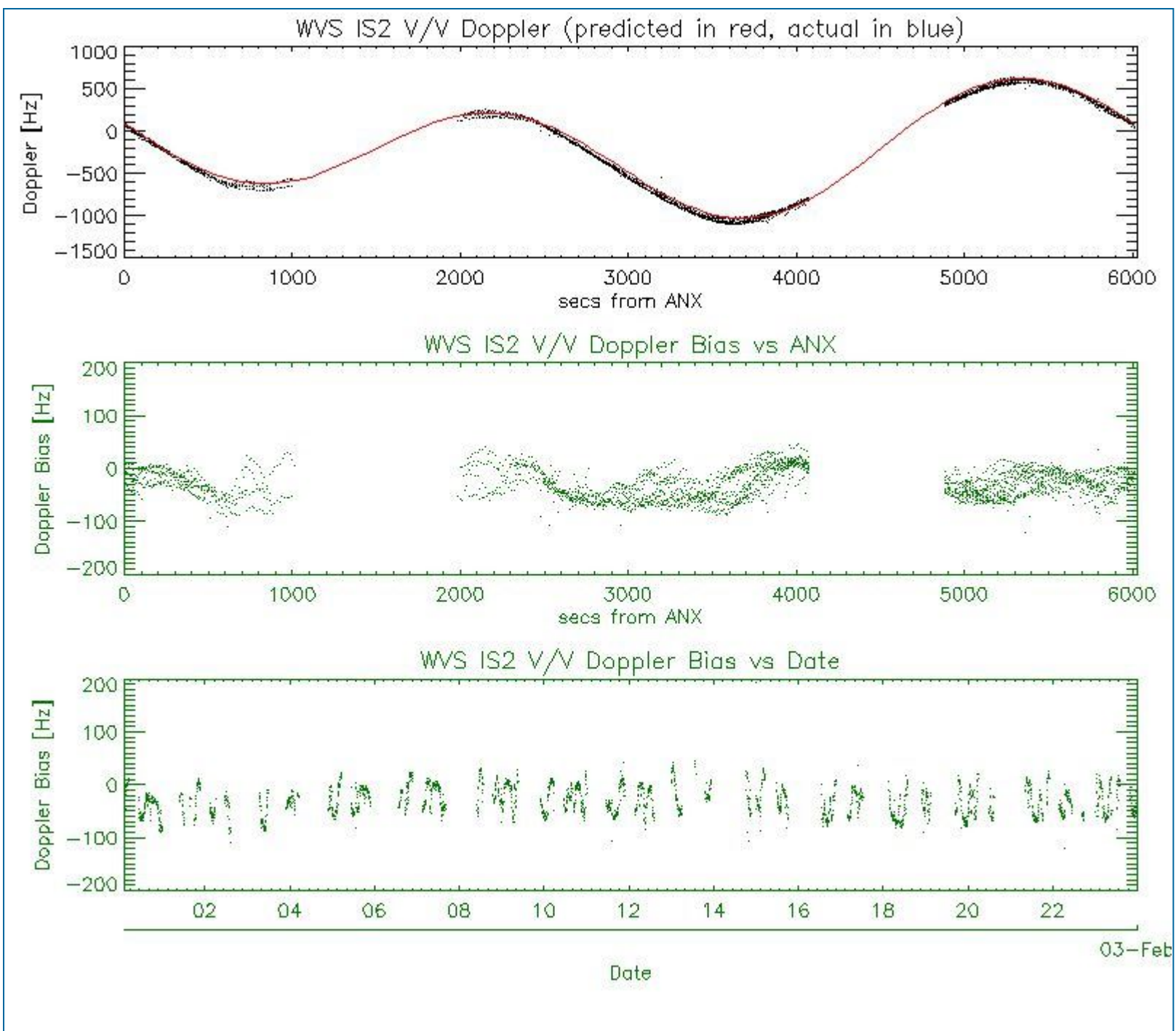




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



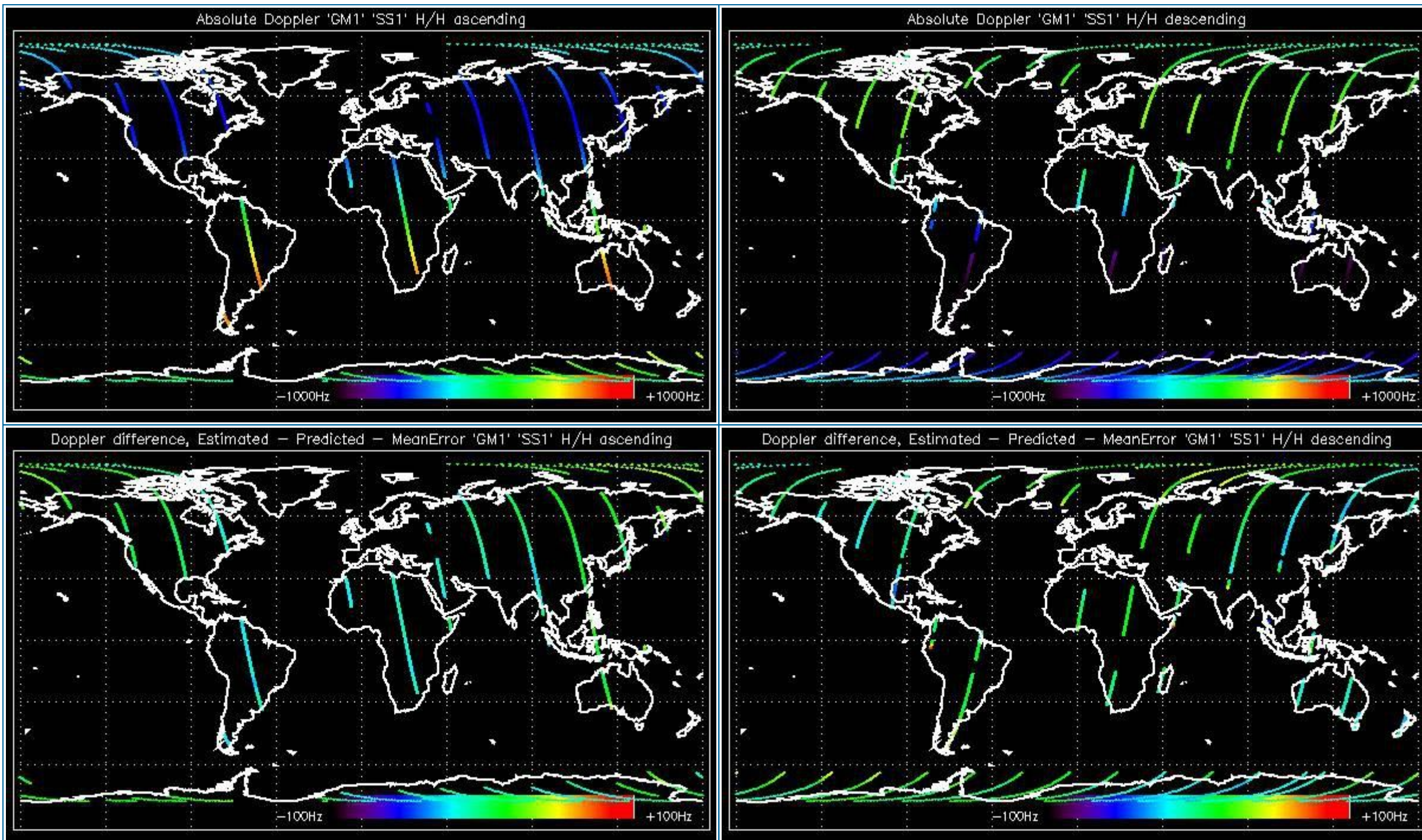


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

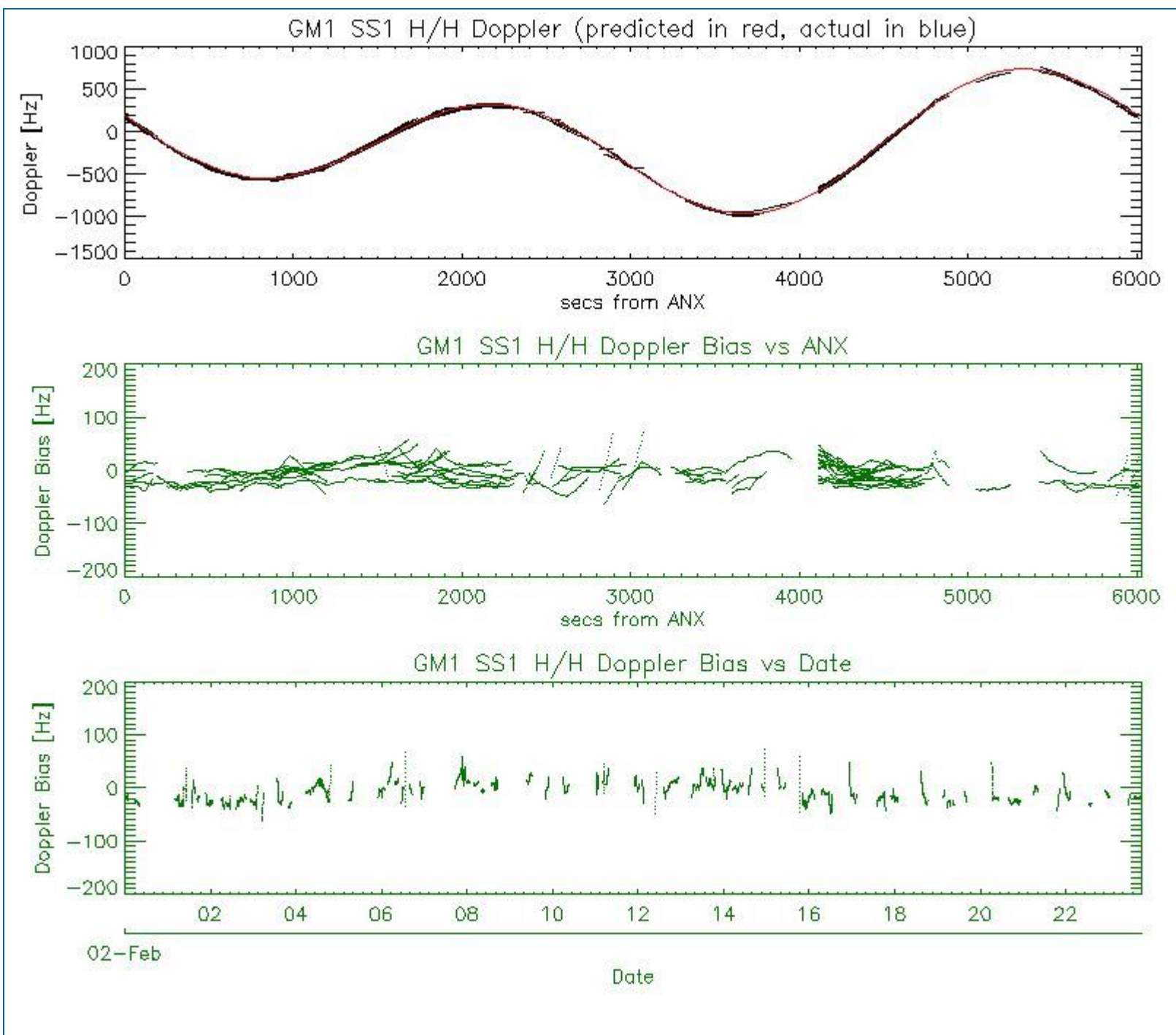




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

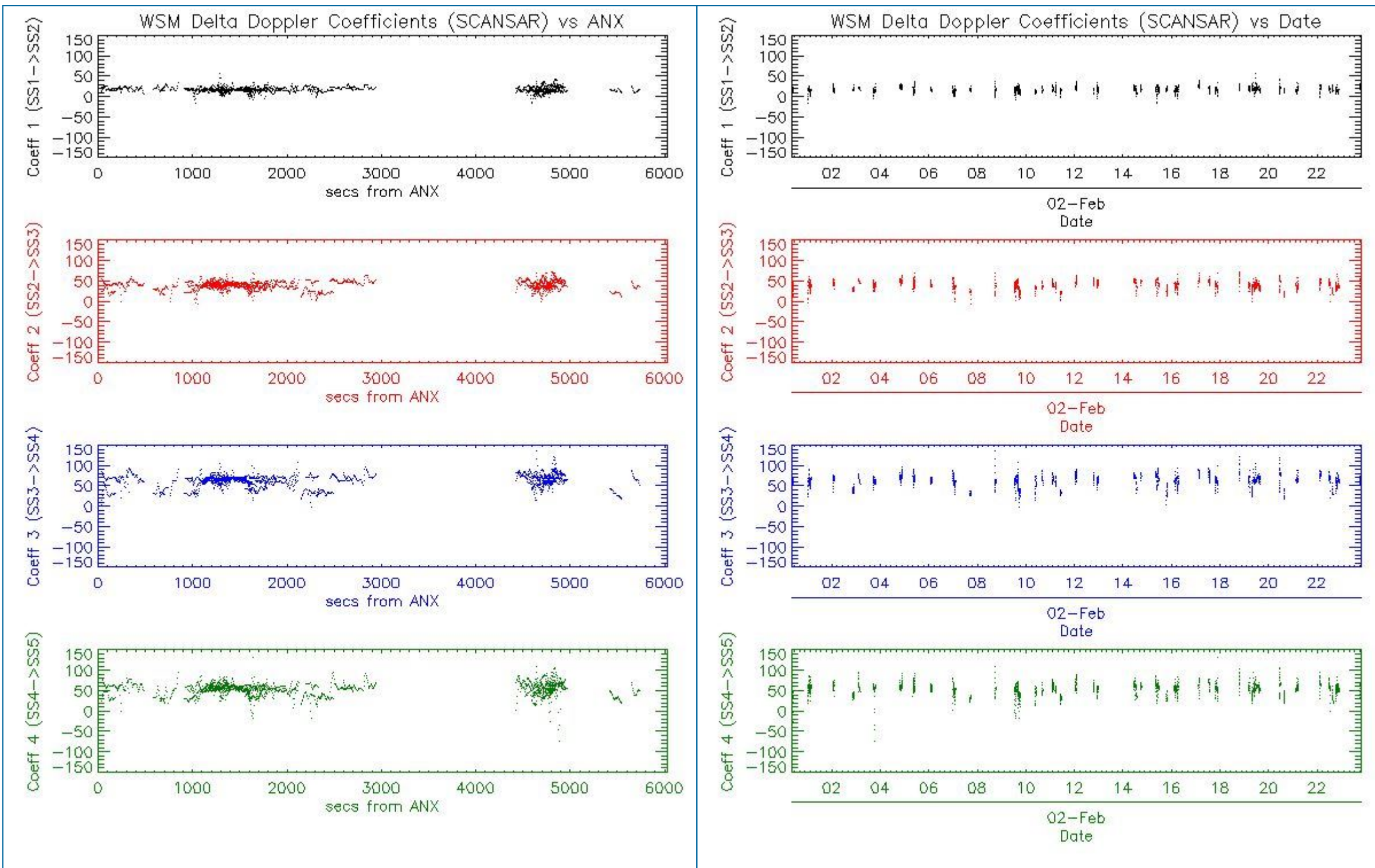




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]

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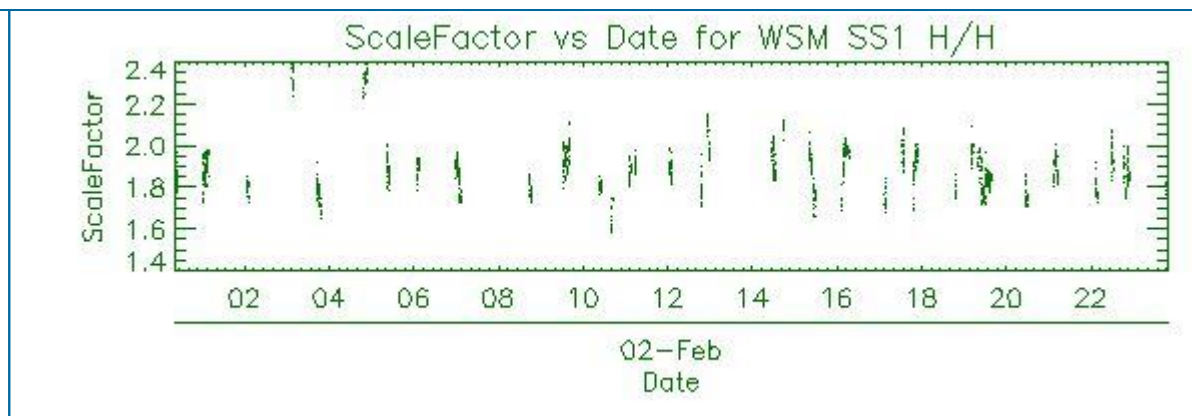
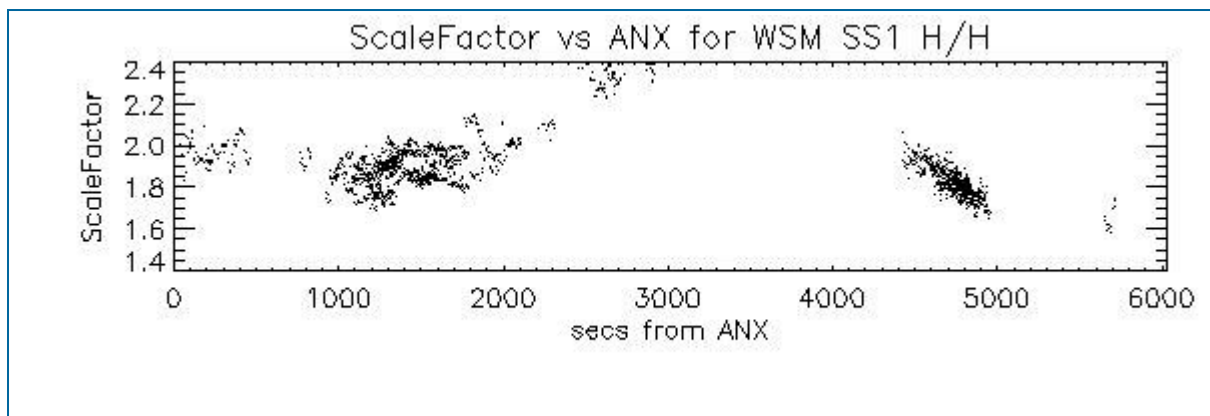
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]

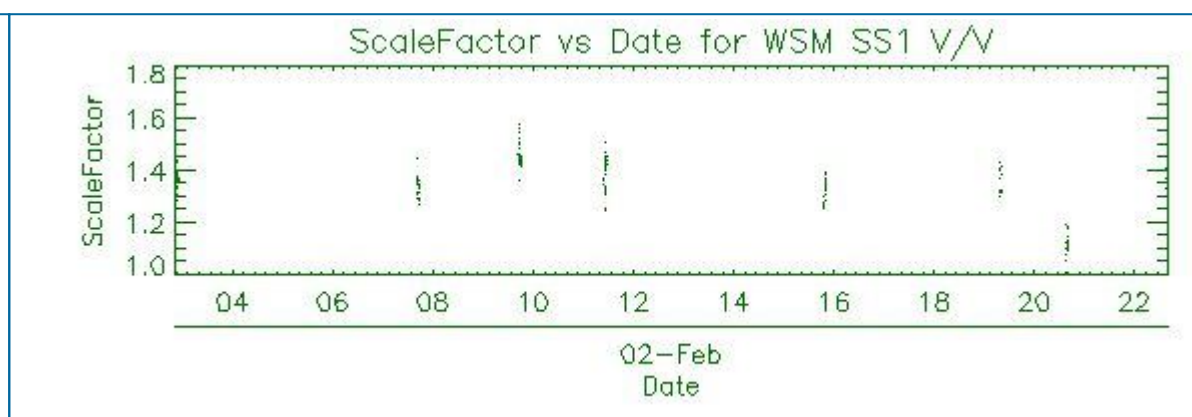
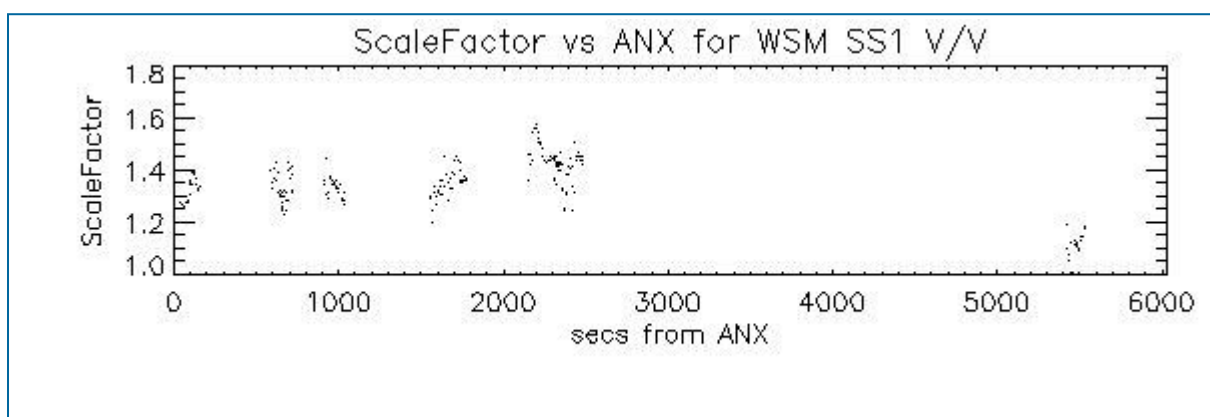




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

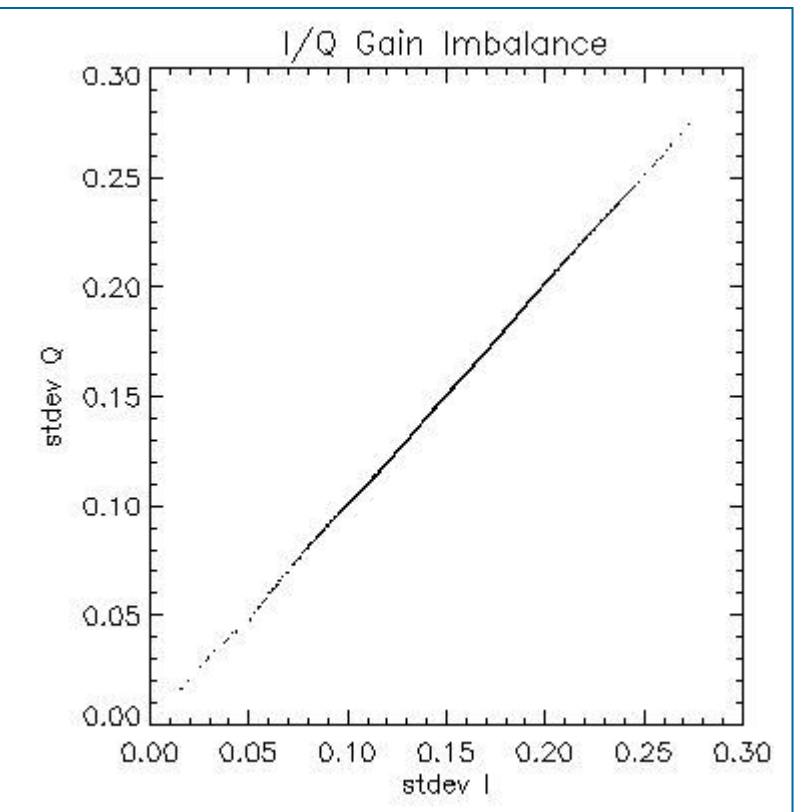
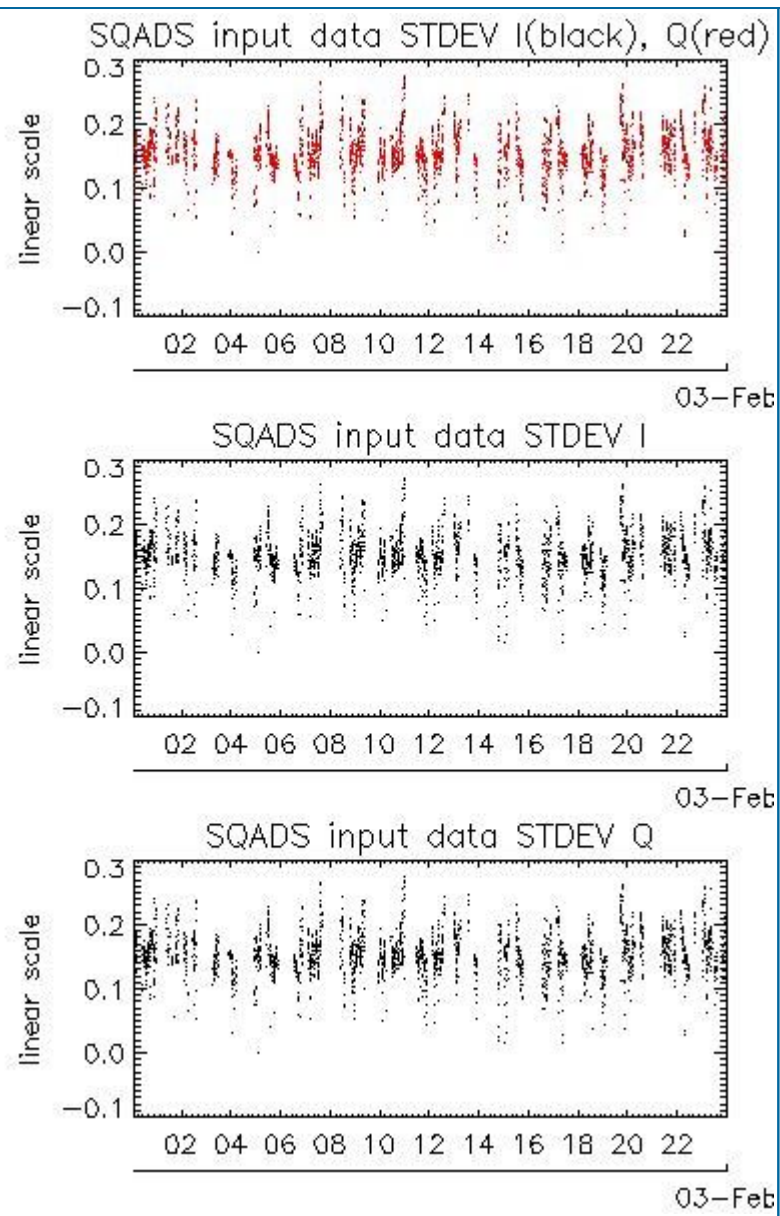
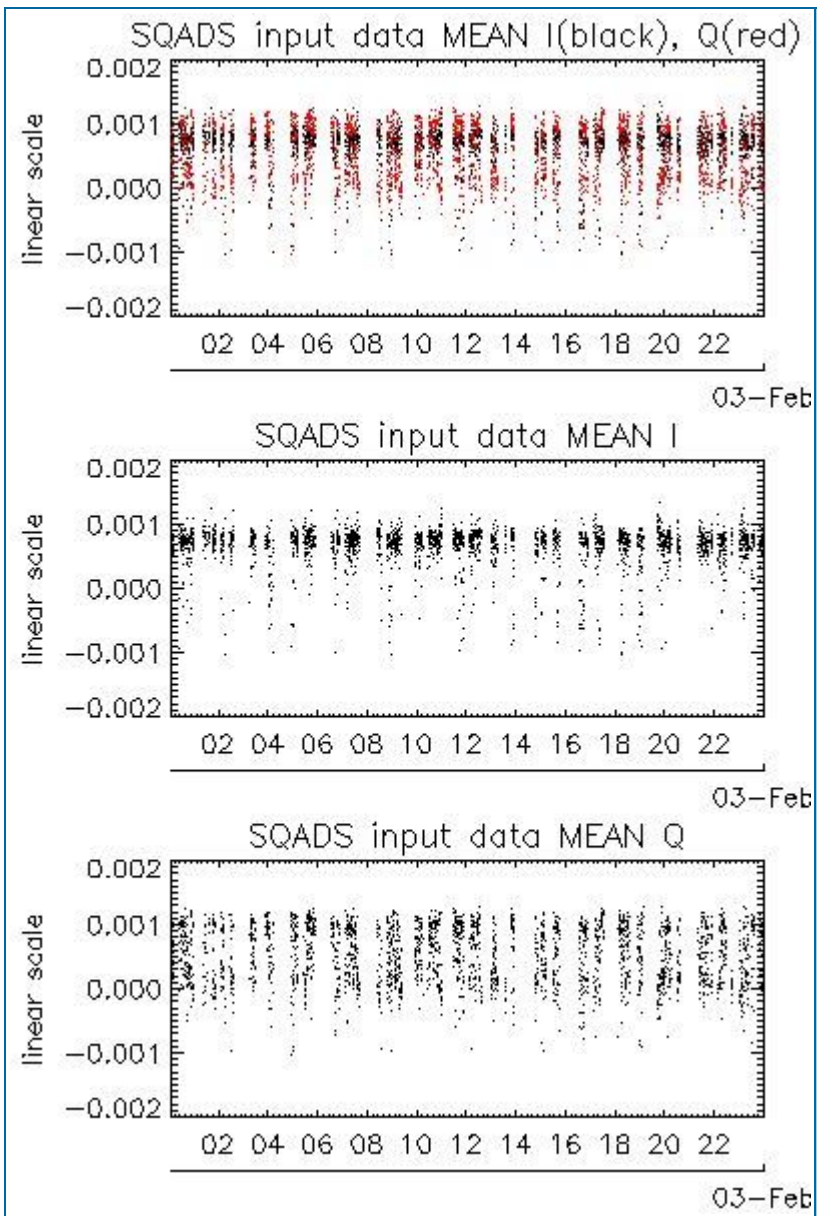


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

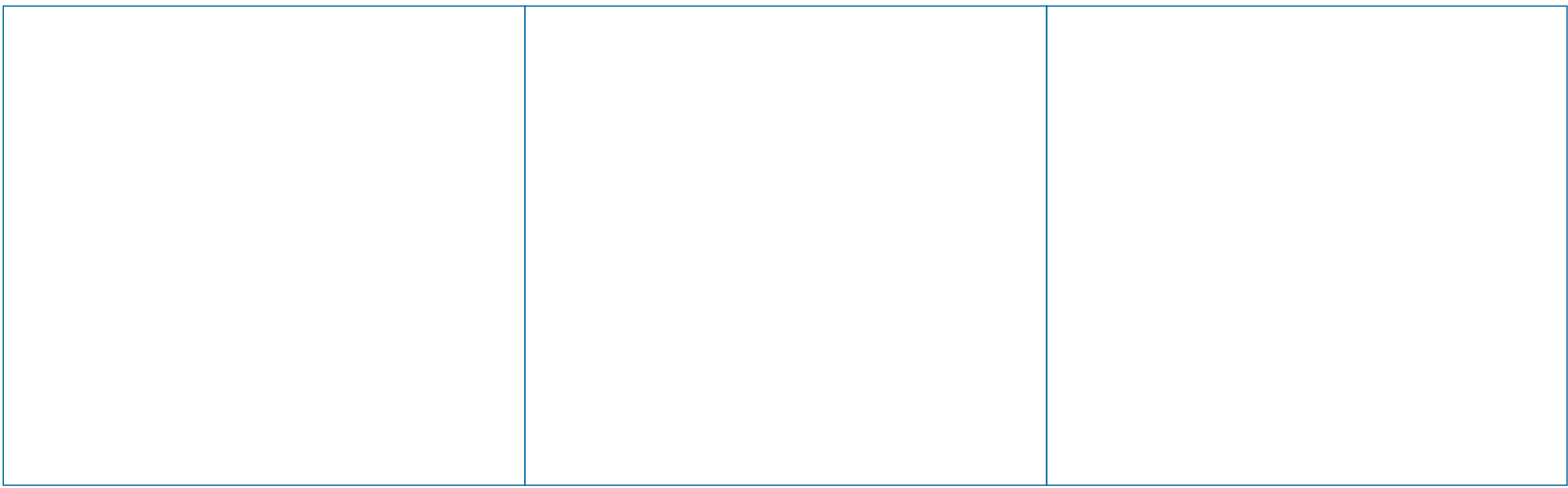
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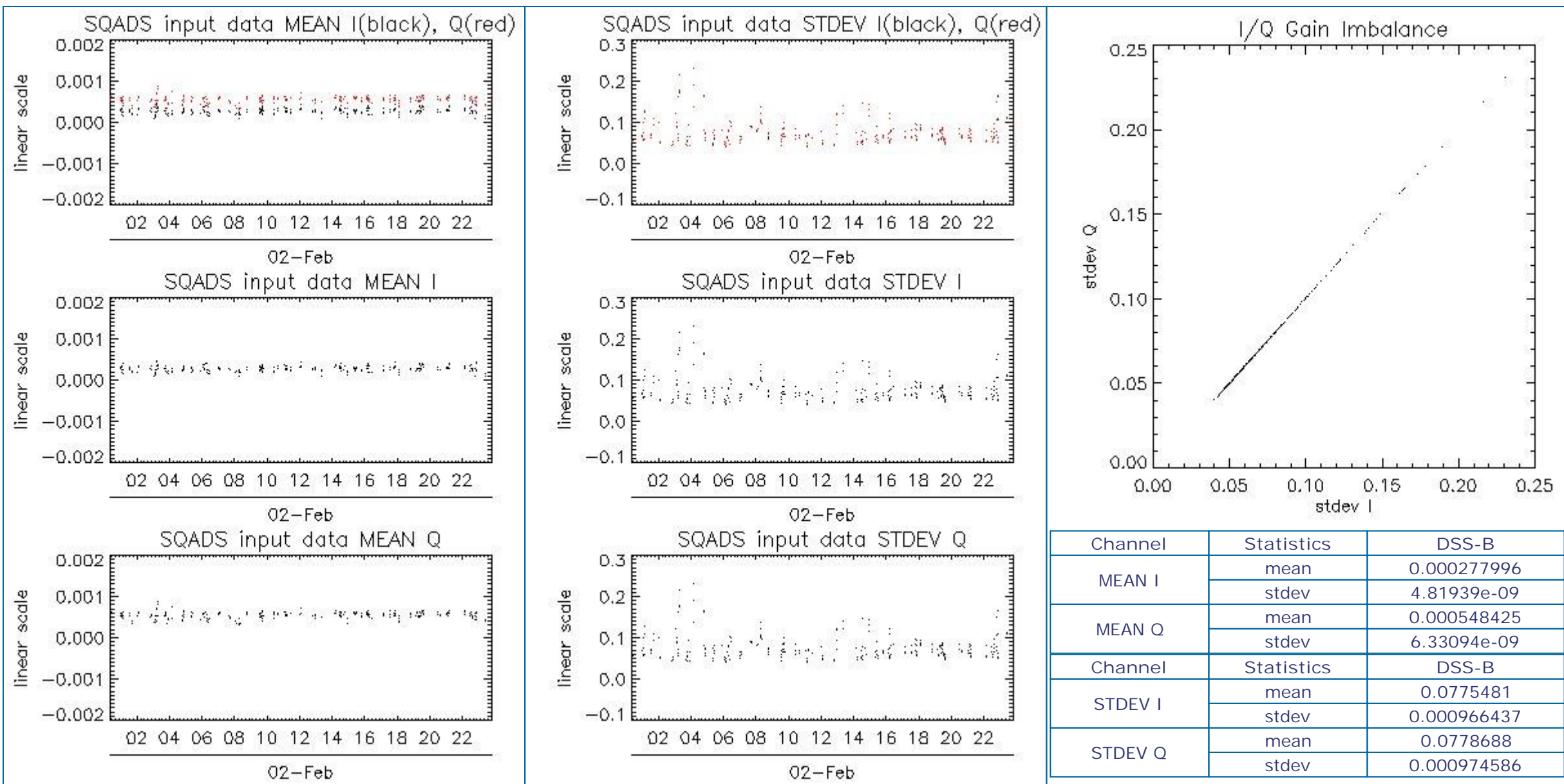


Channel	Statistics	DSS-B
MEAN I	mean	0.000650730
	stdev	1.04951e-07
MEAN Q	mean	0.000523490
	stdev	2.03447e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.153302
	stdev	0.00119129
STDEV Q	mean	0.153927
	stdev	0.00121860

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



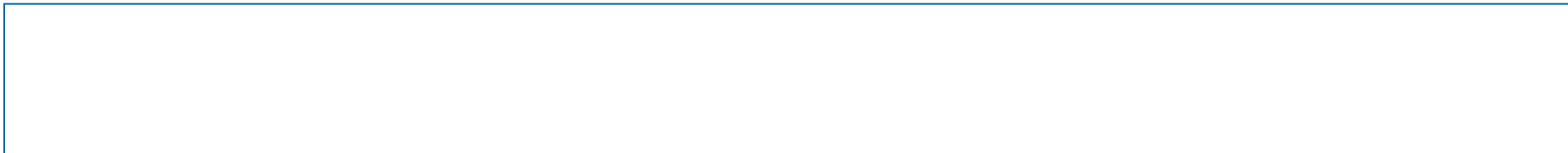


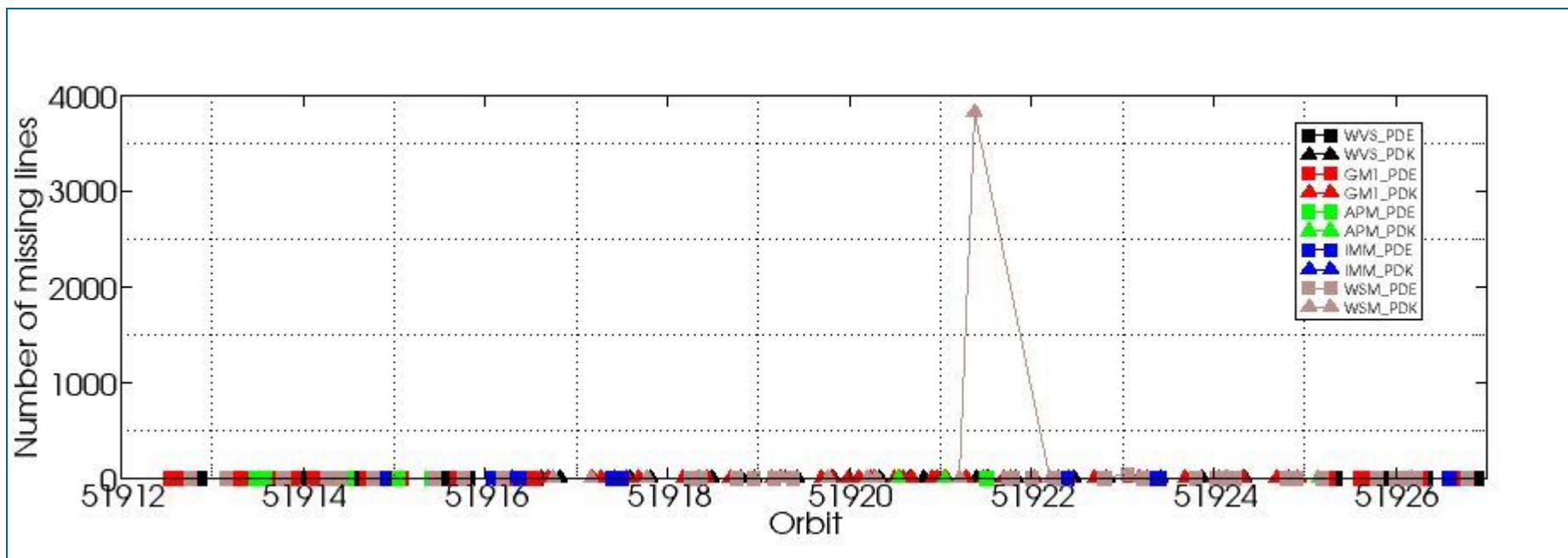
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120202_012641_000002593111_00175_51913_6462.N1	0	8
PDE	ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6466.N1	1	0
PDE	ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6469.N1	1	0
PDE	ASA_WVS_1PNPDE20120202_031636_000005093111_00176_51914_6487.N1	1	0
PDE	ASA_WVS_1PNPDE20120202_064302_000002543111_00178_51916_6573.N1	1	0
PDE	ASA_WVS_1PNPDE20120202_220915_000004053111_00187_51925_6782.N1	1	0
PDK	ASA_WVS_1PNPDK20120202_122541_000005833111_00181_51919_1810.N1	0	8
PDE	ASA_WSM_1PNPDE20120202_173218_000001903111_00185_51923_6738.N1	0	48
PDK	ASA_WSM_1PNPDK20120202_144334_000001353111_00183_51921_1875.N1	40	3823

8.1 - Number of Missing lines

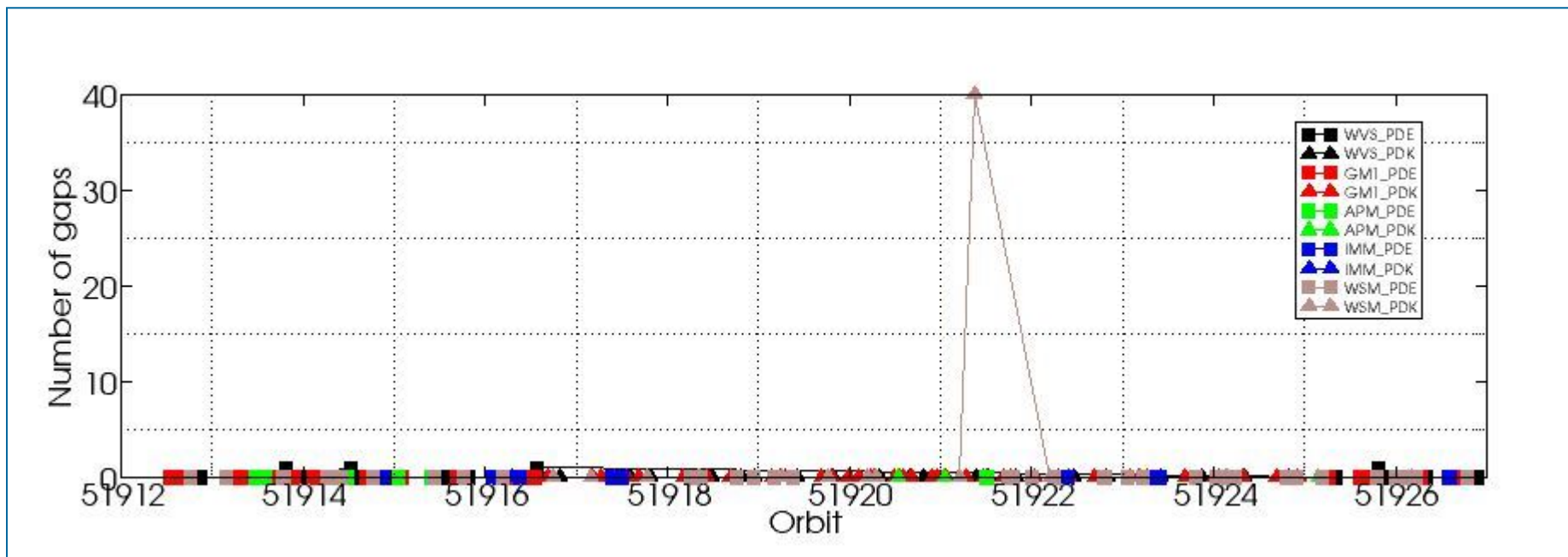
[BACK TO MENU]





8.2 - Number of Gaps

[[BACK TO MENU](#)]



ASAR DAILY REPORT for 120202
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-02-02 00:00:00

Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/

DATA SUMMARY

Summary will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120202/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120202/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/AUXILIARY

Creating directory ./RESULTS/DAILY/_120202/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120202*current_3_IECF_ADFs.txt
No IECF ADFs list available for the selected period...

Writing file ./RESULTS/DAILY/_120202/AUXILIARY/ASAR_ADFs_IECF_List3.html...

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120202/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120202/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120202_151354_000000163111_00183_51921_1005.N1

H
H
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120202_151354-20010209_135042.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120202_151354-20010209_135042.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120202_151354-20010209_135042.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120202_151354-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120202_165409_000000163111_00184_51922_1006.N1

V
V
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120202_165409-20010209_140823.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120202_165409-20010209_140823.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120202_165409-20010209_140823.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120202_165409-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20120201_155039_000000163111_00169_51907_1003.N1
Test product: ASA_MS__0PNPDK20120202_151354_000000163111_00183_51921_1005.N1

H
H
../../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120202_151354-20120201_155039.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120202_151354-20120201_155039.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120202_151354-20120201_155039.png
../../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120202_151354-20120201_155039.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120201_173053_000000163111_00170_51908_1004.N1
Test product: ASA_MS__0PNPDK20120202_165409_000000163111_00184_51922_1006.N1

V
V
../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120202_165409-20120201_173053.png
../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120202_165409-20120201_173053.png
../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120202_165409-20120201_173053.png
../RESULTS/DAILY/_120202/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120202_165409-20120201_173053.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS
#####

Creating directory ./RESULTS/DAILY/_120202/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

Analysing products WVS IS2 V/V
1 81857 7 81857
Writing image ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
1 39649 7 39649
Writing image ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-02_1.dat...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-02_2.dat...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-02_3.dat...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-02_4.dat...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../RESULTS/DAILY/_120202//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 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-02_1.dat...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-02_2.dat...



Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
 Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 3/7/11/15/19/23/27/31
 Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-02_3.dat...
 Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
 Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-02 00:00:00 to 2012-02-02 23:59:59. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/_120202/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-02_4.dat...
 Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/_120202//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/_120202/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
 Writing file ./RESULTS/DAILY/_120202/DOPPLER/Doppler_data_WVS_IS2_VV_2012-02-02.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120202/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
 Writing file ./RESULTS/DAILY/_120202/DOPPLER/Doppler_data_GM1_SS1_HH_2012-02-02.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120202/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
 Writing file ./RESULTS/DAILY/_120202/DOPPLER/Doppler_Jumps_data_WSM_2012-02-02.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120202/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/_120202/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

Analysing products WVS IS2 V/V
 1250
 Loading predicted doppler values....
 ./PREDICTED_DOPPLER/doppler.WV_2
 Phase: descending
 Found data...



```
Computing mean error doppler estimated-predicted...
Mean error = -29.331231 Hz
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
1310
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.183443 Hz
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

Analysing products GM1 SS1 H/H

```
2850
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -5.4119132 Hz
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
2209
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -11.186946 Hz
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120202//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120202/CHIRP...
```

CHIRP Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-02-02.dat...
Running IDL program...
```


Writing file ../../RESULTS/DAILY/_120202/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120202/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-02-02.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120202/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120202/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/RAW_DATA

Creating directory ./RESULTS/DAILY/_120202/RAW_DATA...

Getting raw data for WVS from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/RAW_DATA/Raw_data_WVS_2012-02-02.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-02-02 00:00:00 to 2012-02-02 23:59:59...
Writing file ./RESULTS/DAILY/_120202/RAW_DATA/Raw_data_IMM_2012-02-02.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120202/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

Analysis will be performed from 2012-02-02 00:00:00 to 2012-02-02 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120202/TELEMETRY

Creating directory ./RESULTS/DAILY/_120202/TELEMETRY...

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

Checking 30 products from PDE...
Found product...ASA_WVS_1PNPDE20120202_012641_000002593111_00175_51913_6462.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6466.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6469.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120202_031636_000005093111_00176_51914_6487.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120202_064302_000002543111_00178_51916_6573.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120202_220915_000004053111_00187_51925_6782.N1 / 1 gaps / 0 missing lines
Checking 22 products from PDK...
Found product...ASA_WVS_1PNPDK20120202_122541_000005833111_00181_51919_1810.N1 / 0 gaps / 8 missing lines



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

Checking 33 products from PDE...
Checking 46 products from PDK...

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

Checking 10 products from PDE...
Checking 3 products from PDK...

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

Checking 11 products from PDE...
Checking 1 products from PDK...

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

Checking 35 products from PDE...
Found product..ASA_WSM_1PNPDE20120202_173218_000001903111_00185_51923_6738.N1 / 0 gaps / 48 missing lines
Checking 16 products from PDK...
Found product..ASA_WSM_1PNPDK20120202_144334_000001353111_00183_51921_1875.N1 / 40 gaps / 3823 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120202/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_120202/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

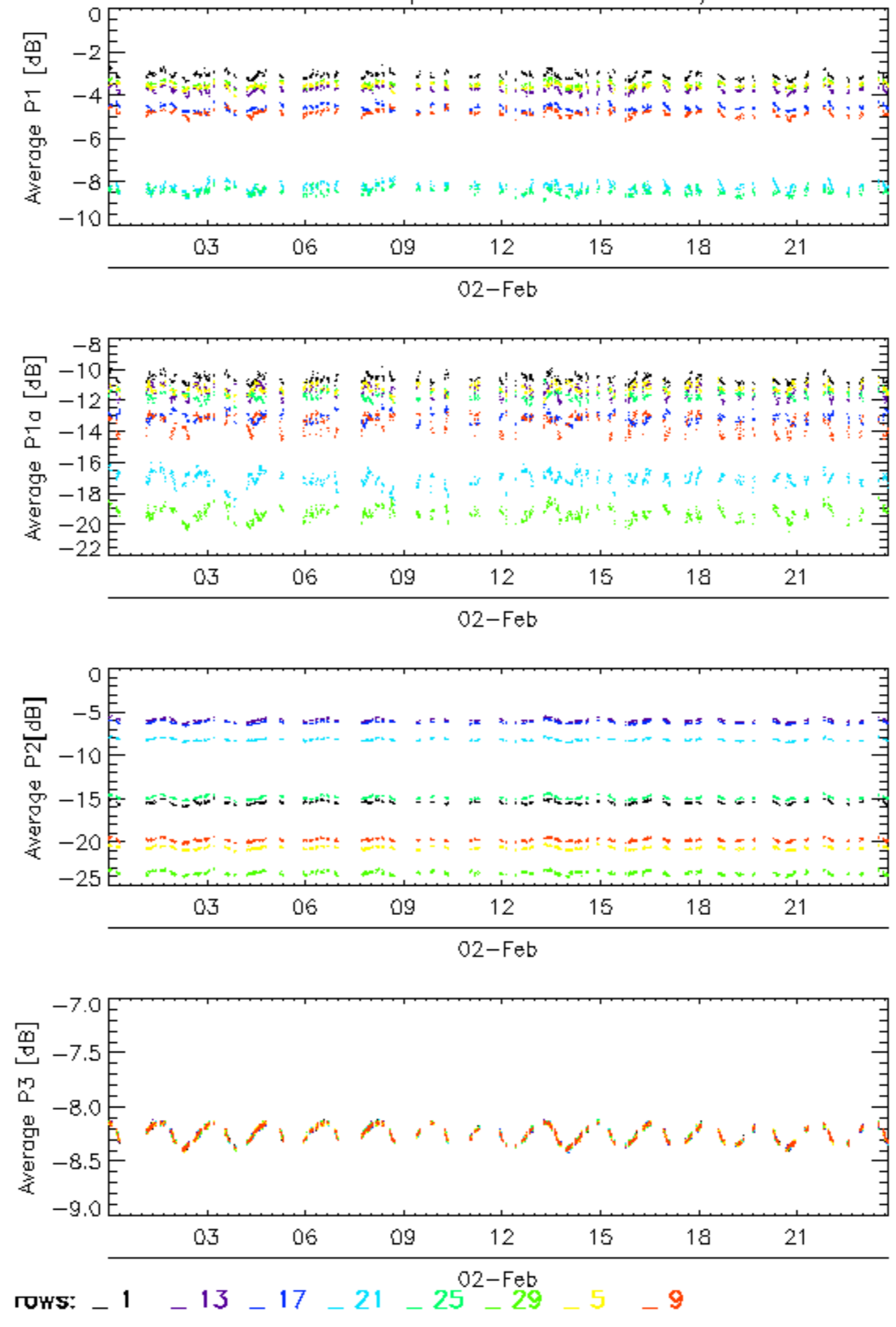
HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_120202/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...

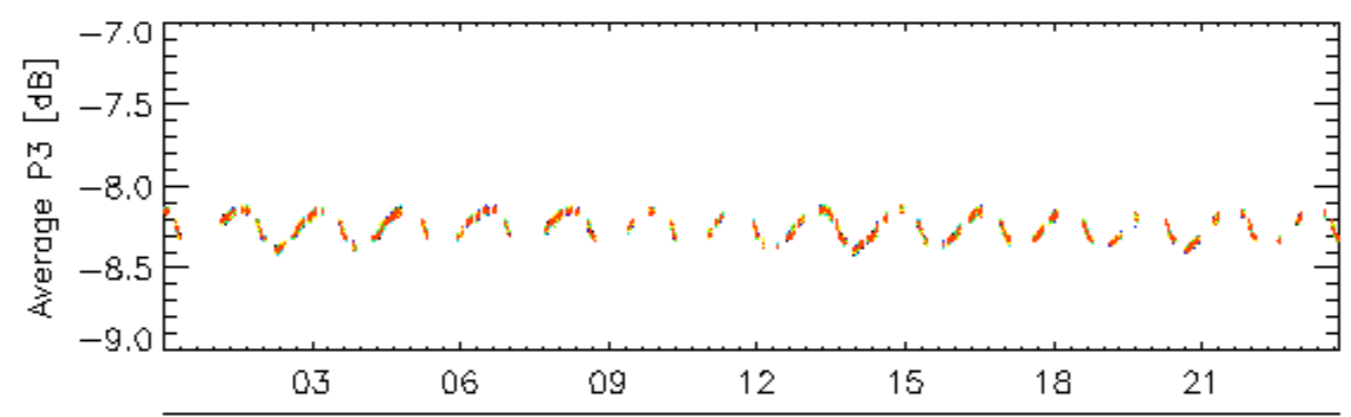
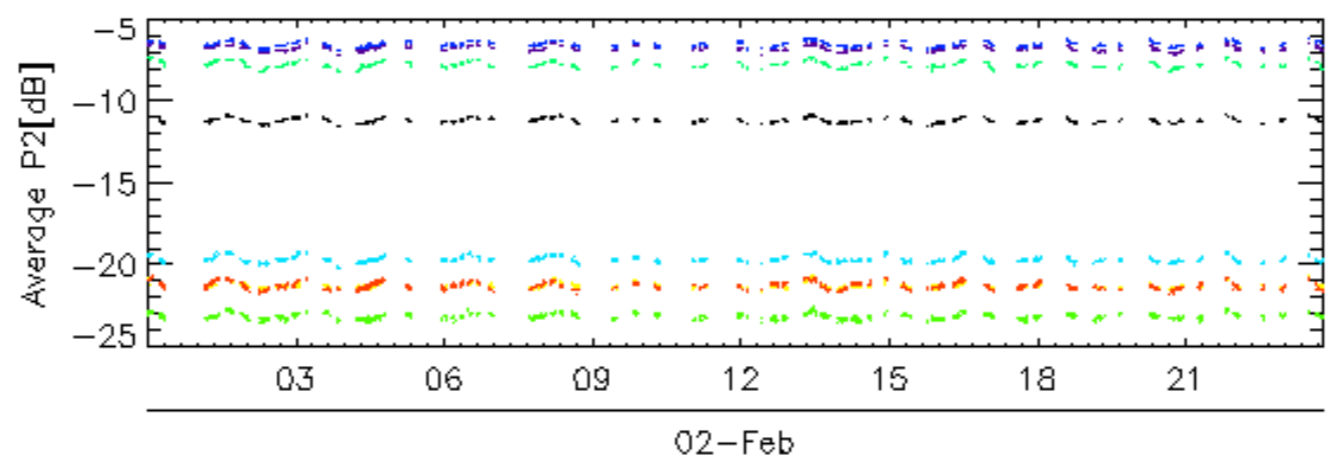
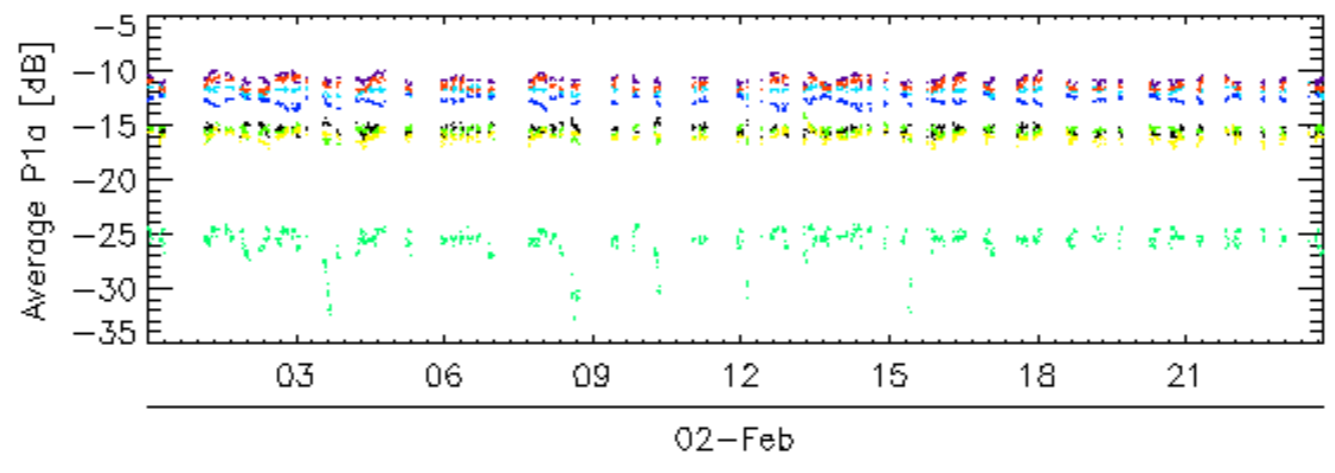
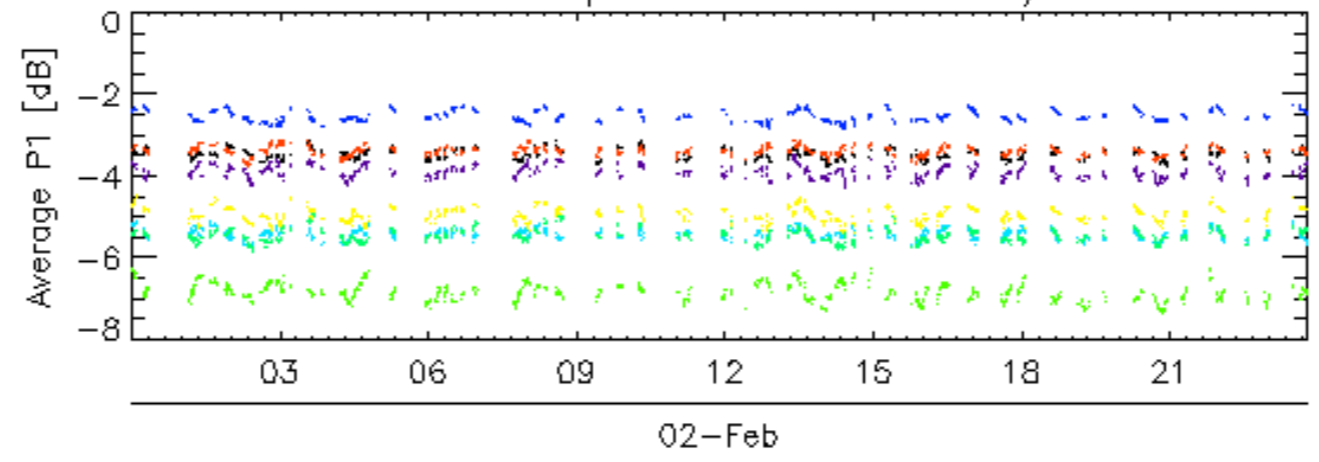
HTML REPORT generation completed
#####



Calibration pulses for GM1 SS3 H/H

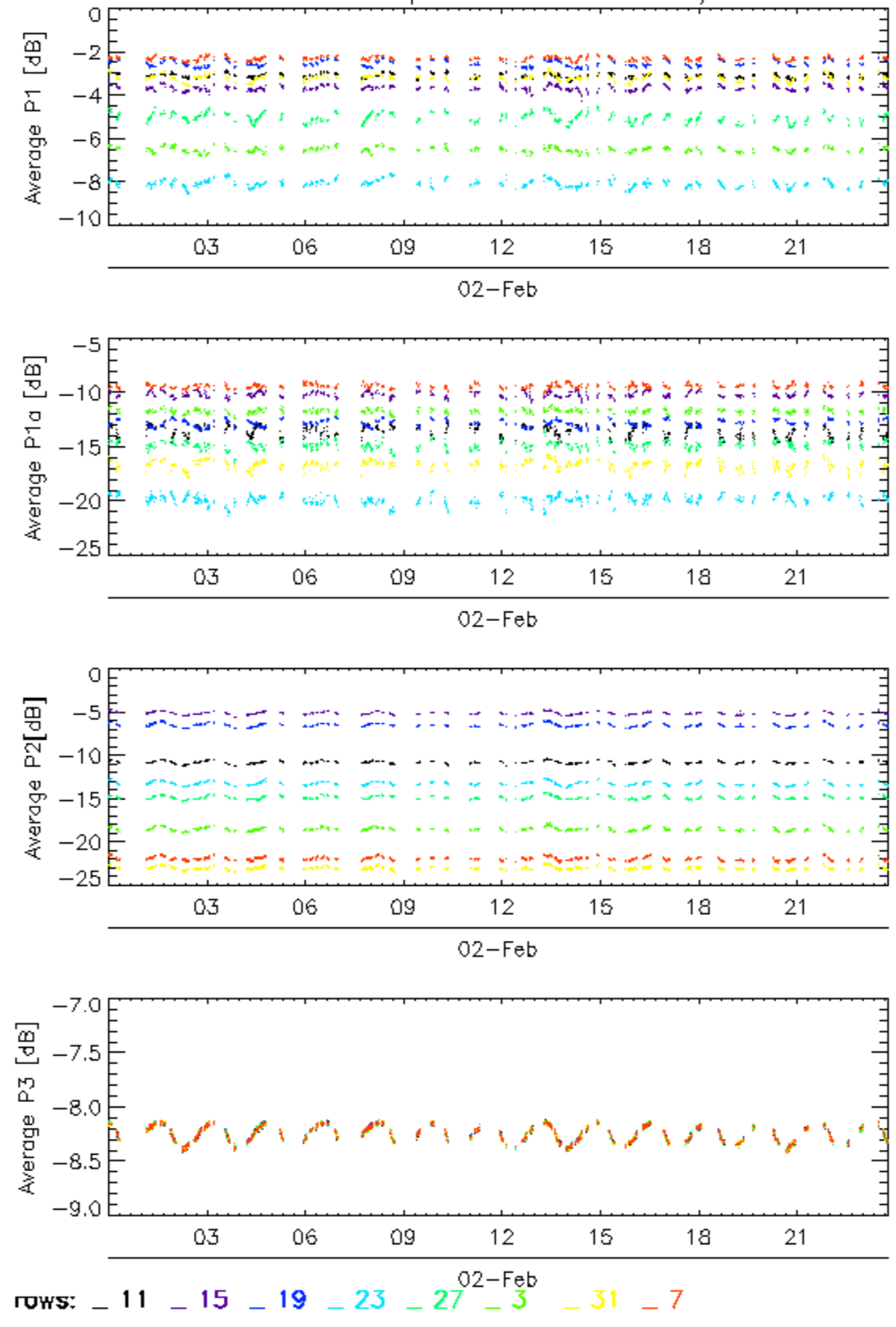


Calibration pulses for GM1 SS3 H/H

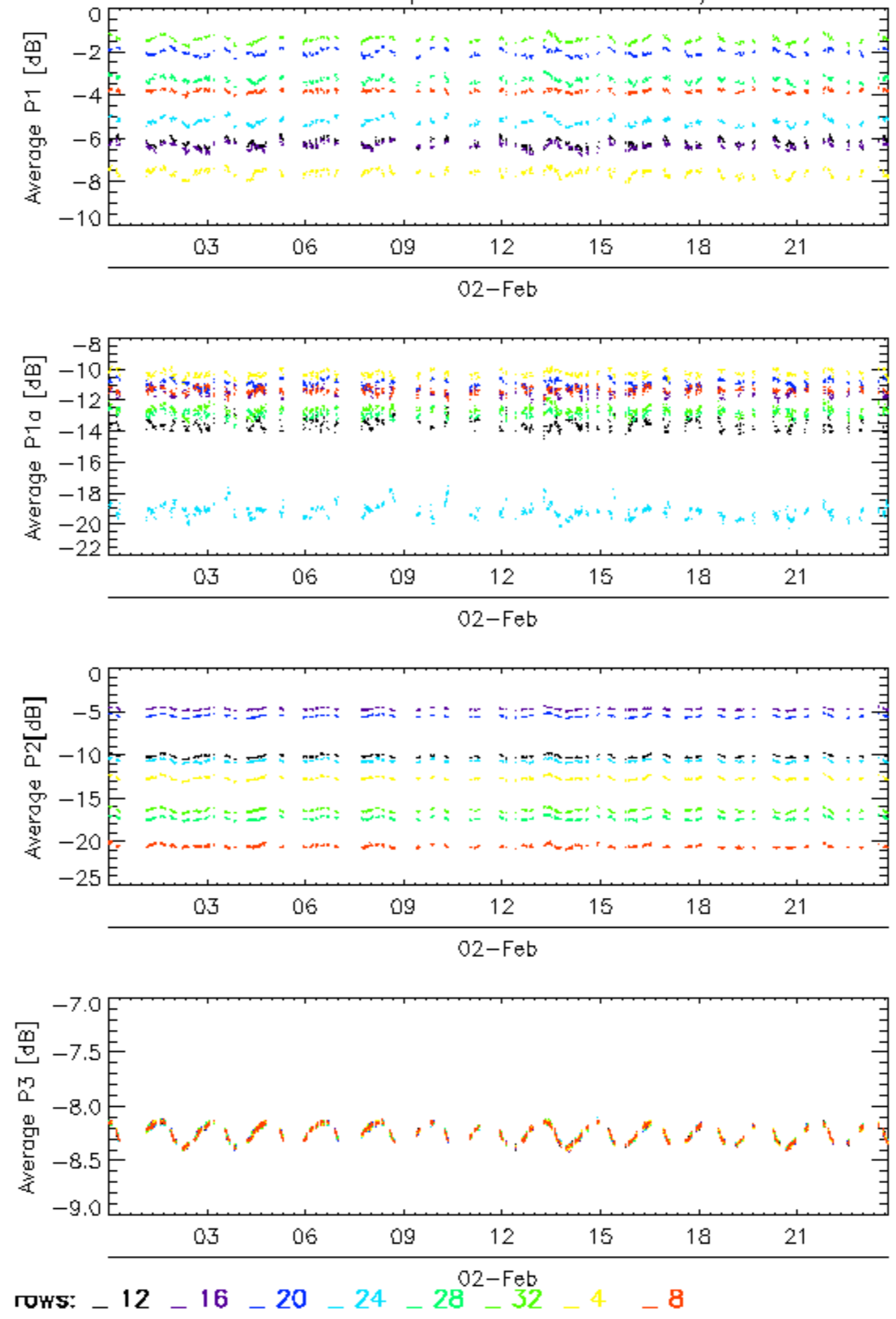


rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

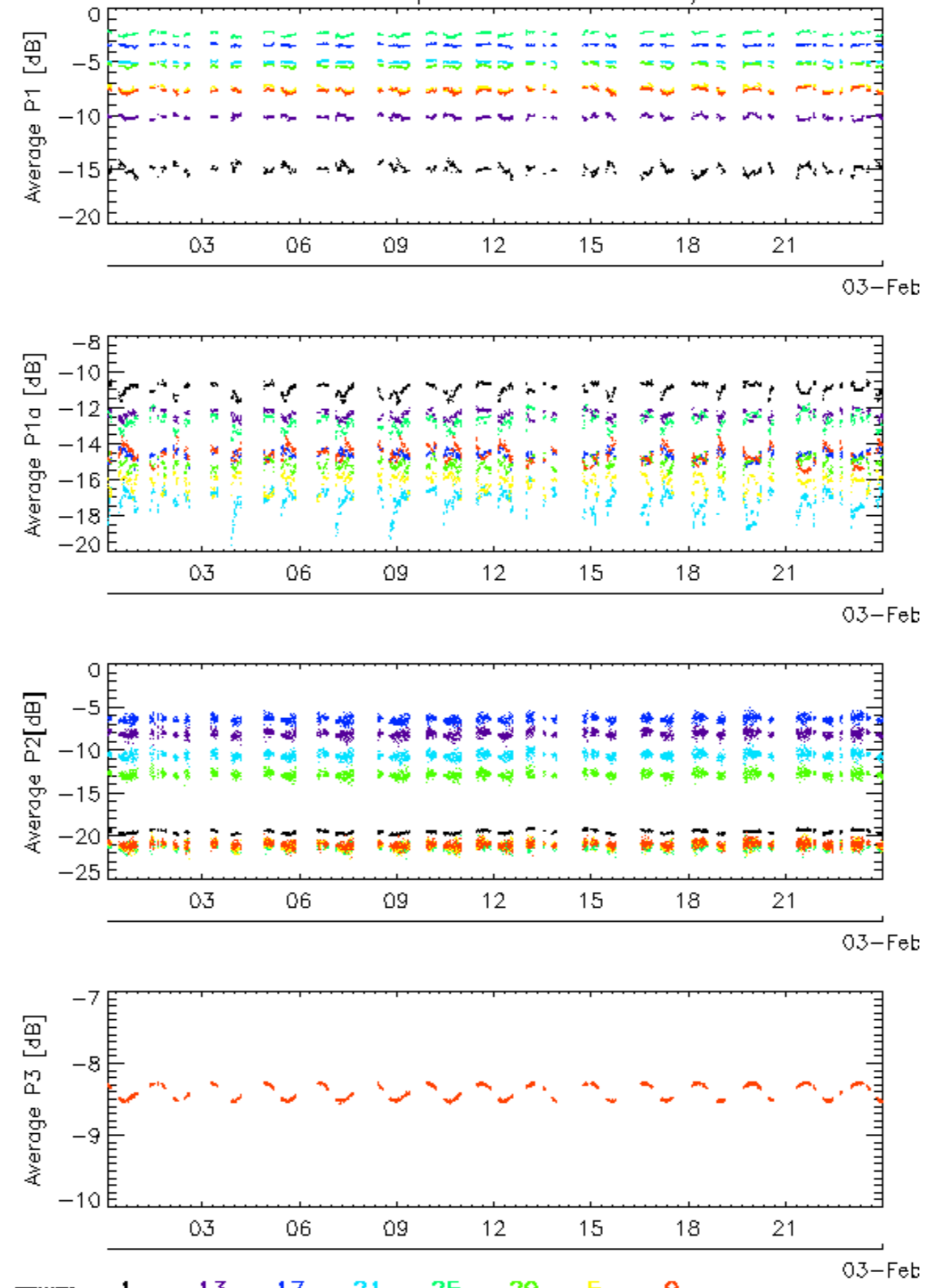
Calibration pulses for GM1 SS3 H/H



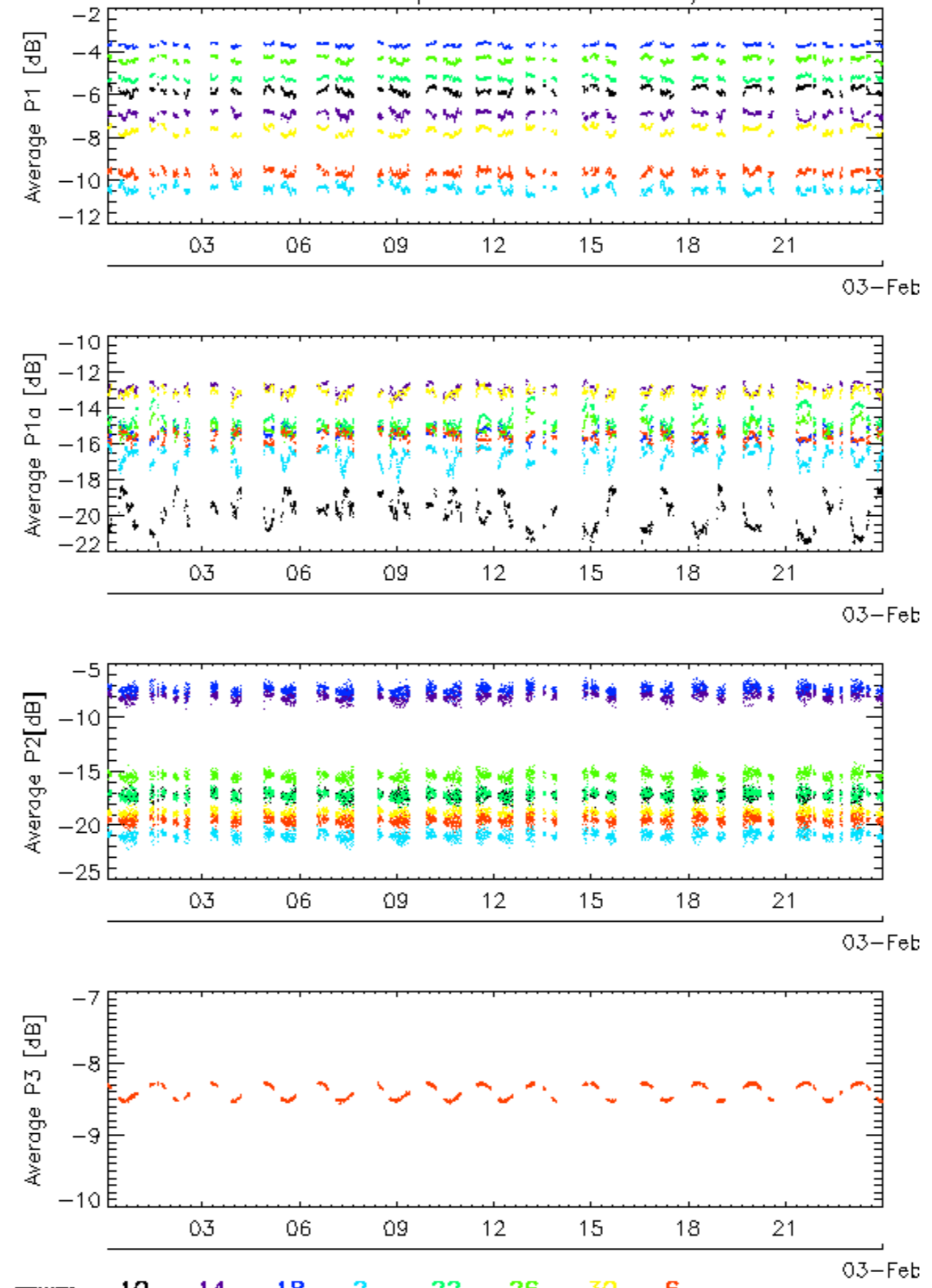
Calibration pulses for GM1 SS3 H/H



Calibration pulses for WVS IS2 V/V

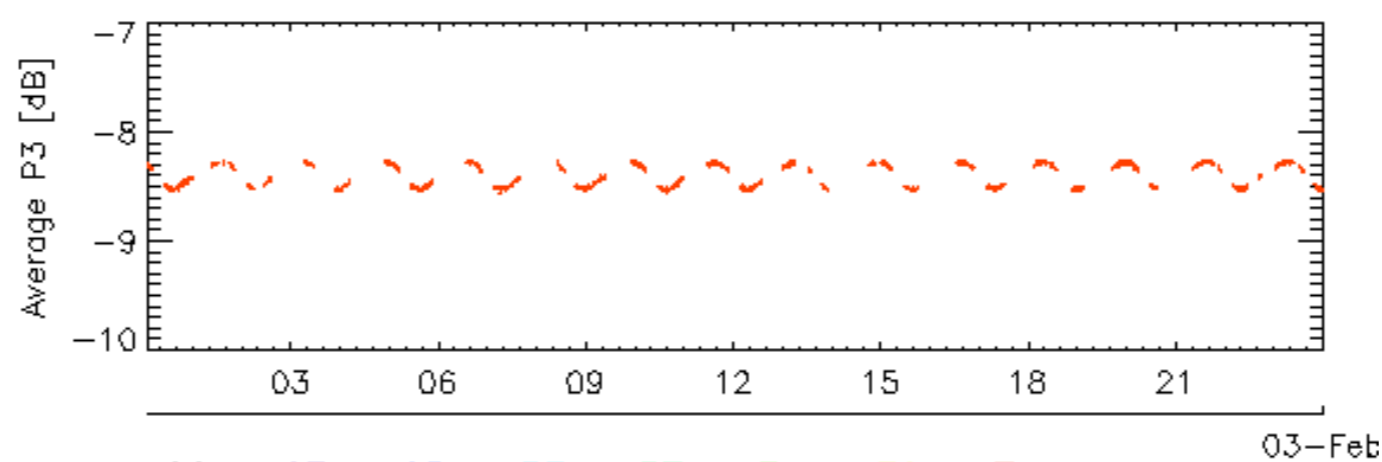
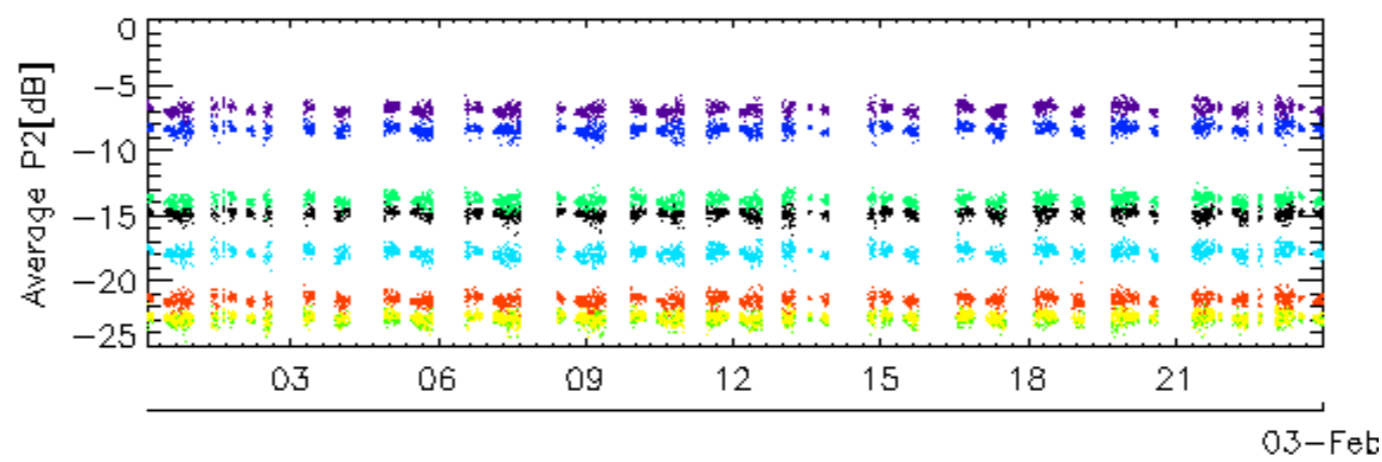
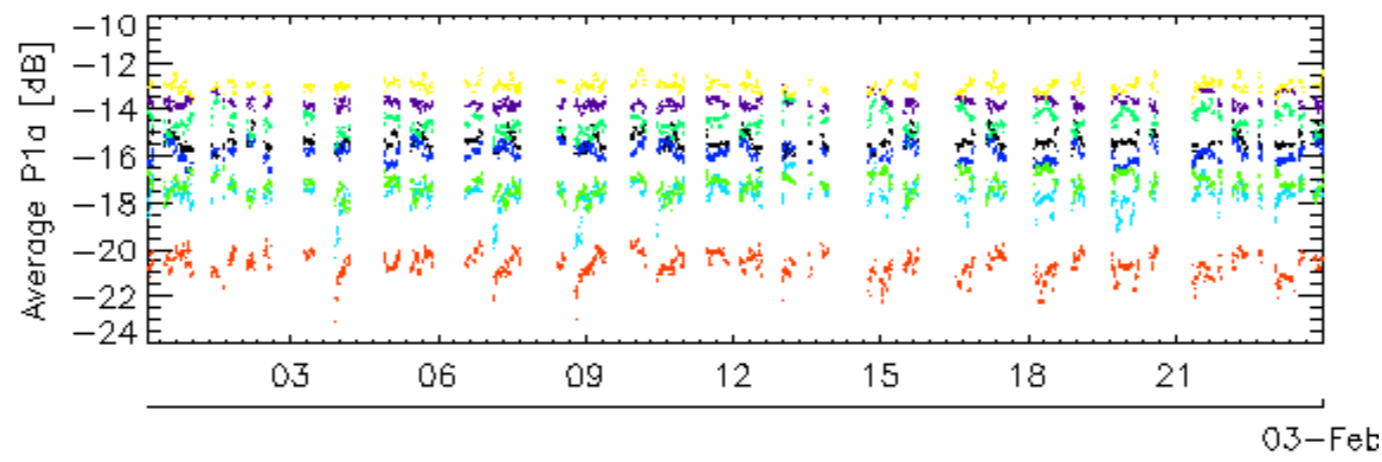
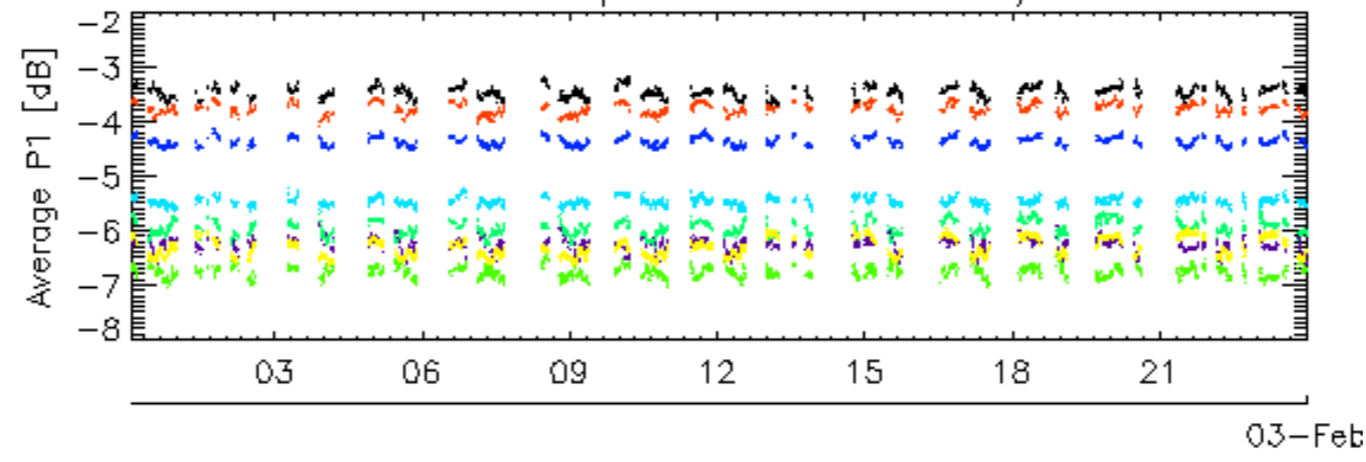


Calibration pulses for WVS IS2 V/V



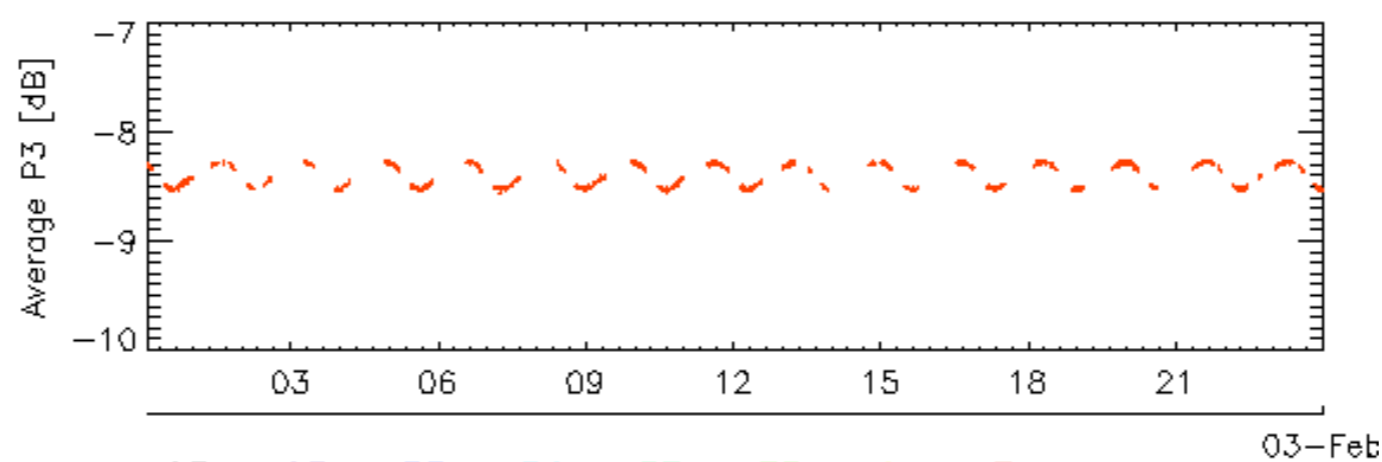
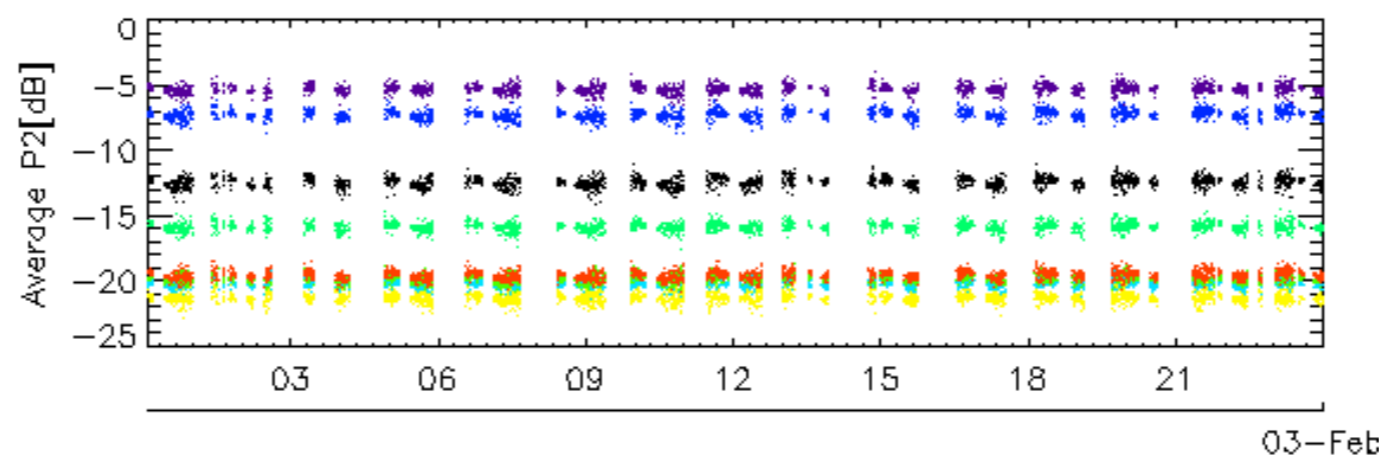
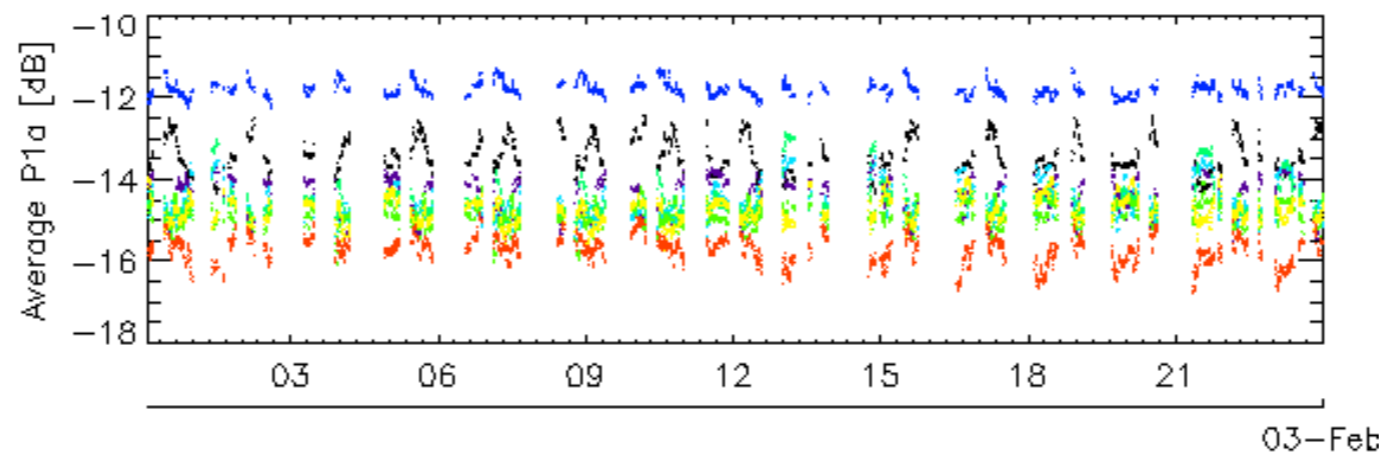
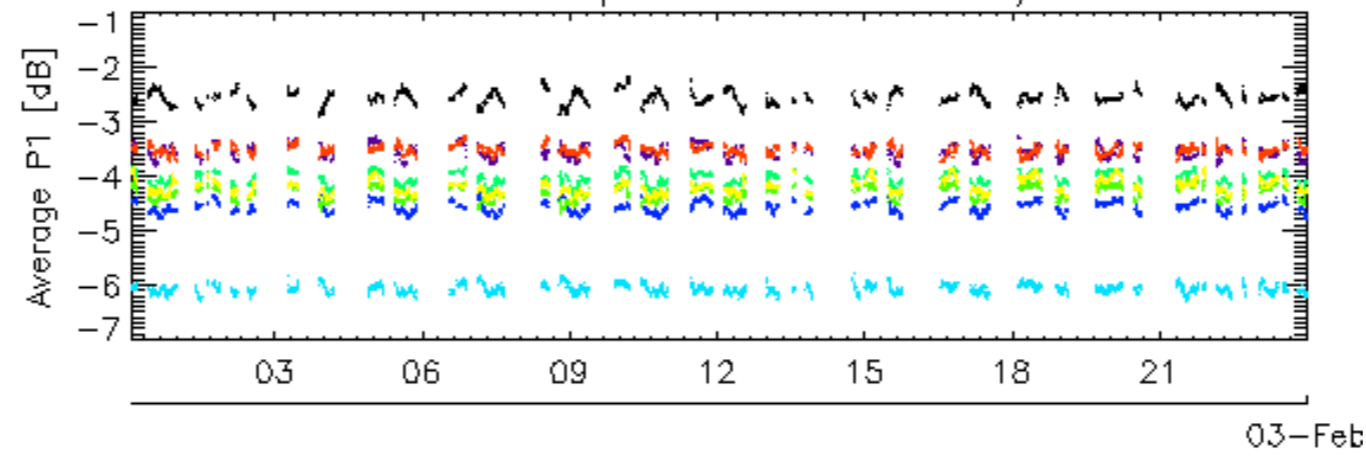
rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

Calibration pulses for WVS IS2 V/V

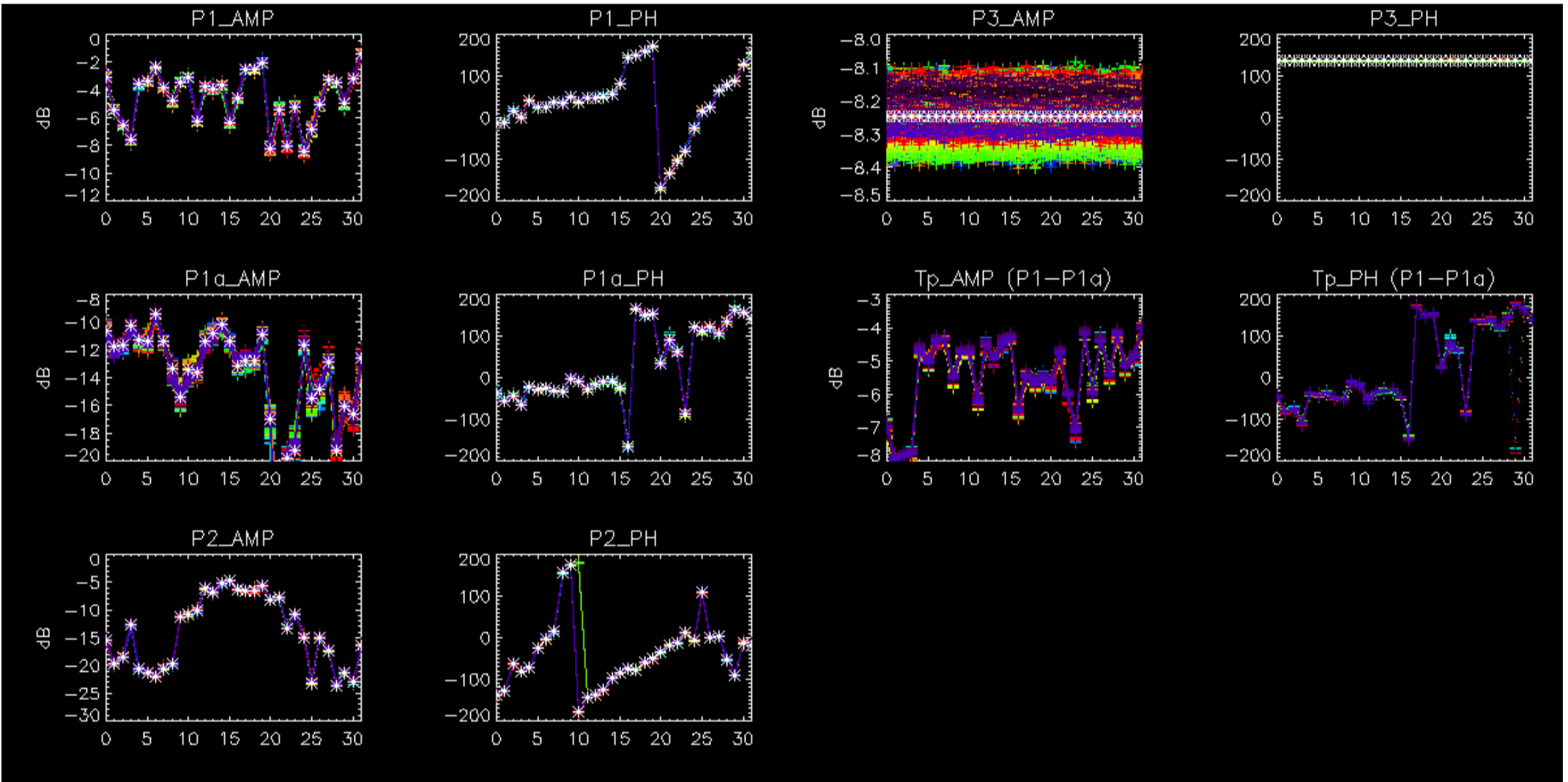


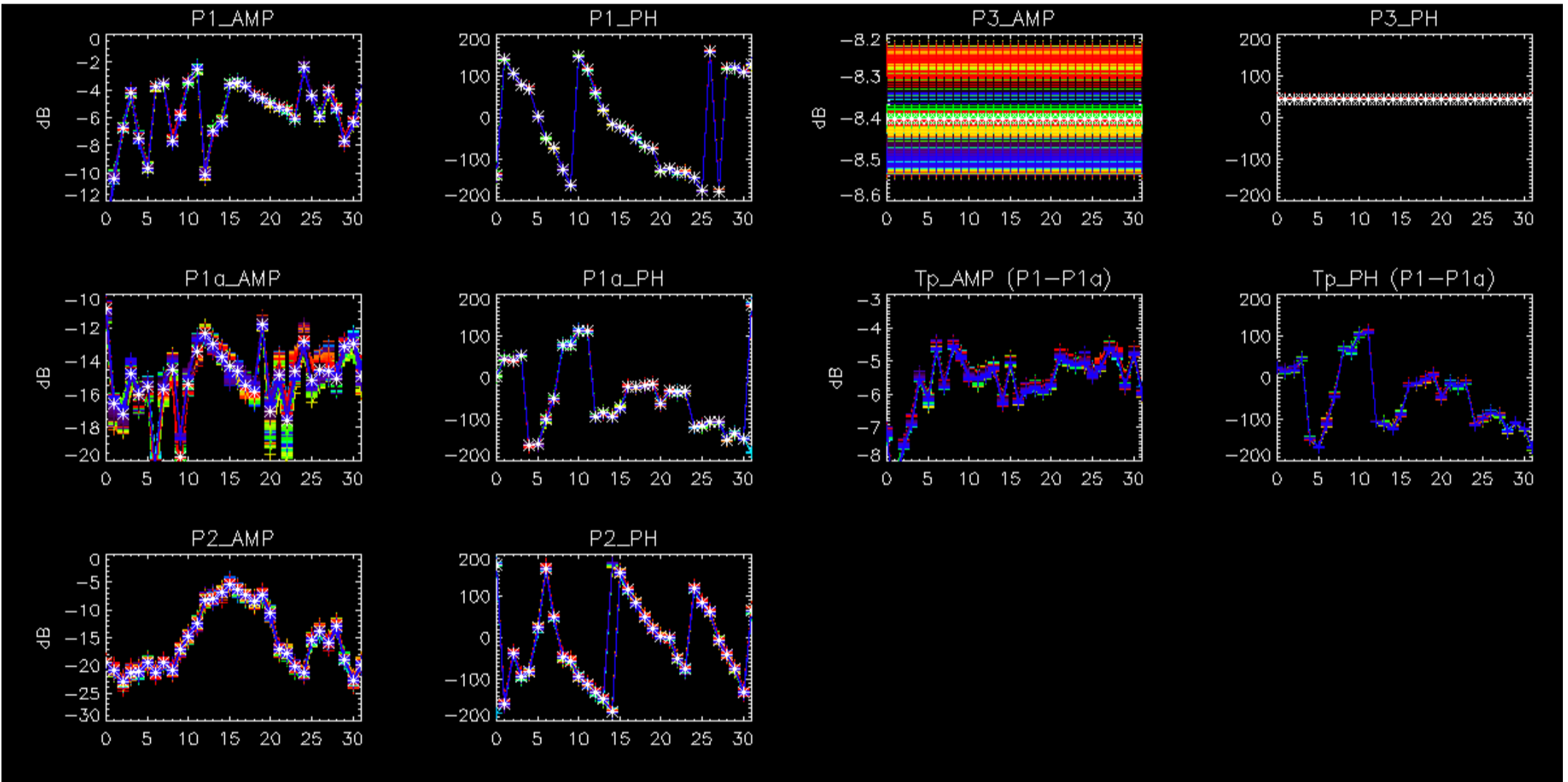
rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 3 _ 31 _ 7

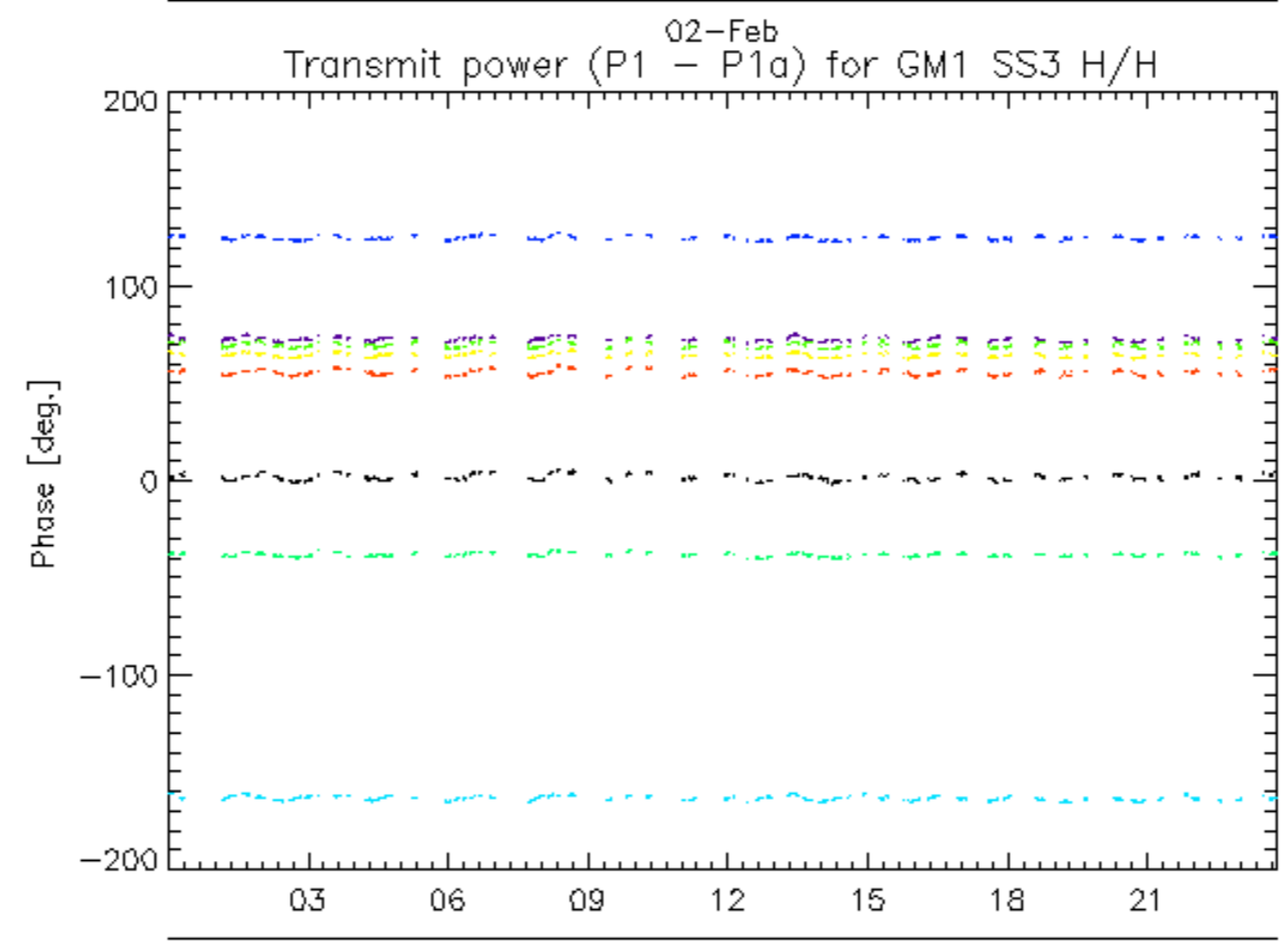
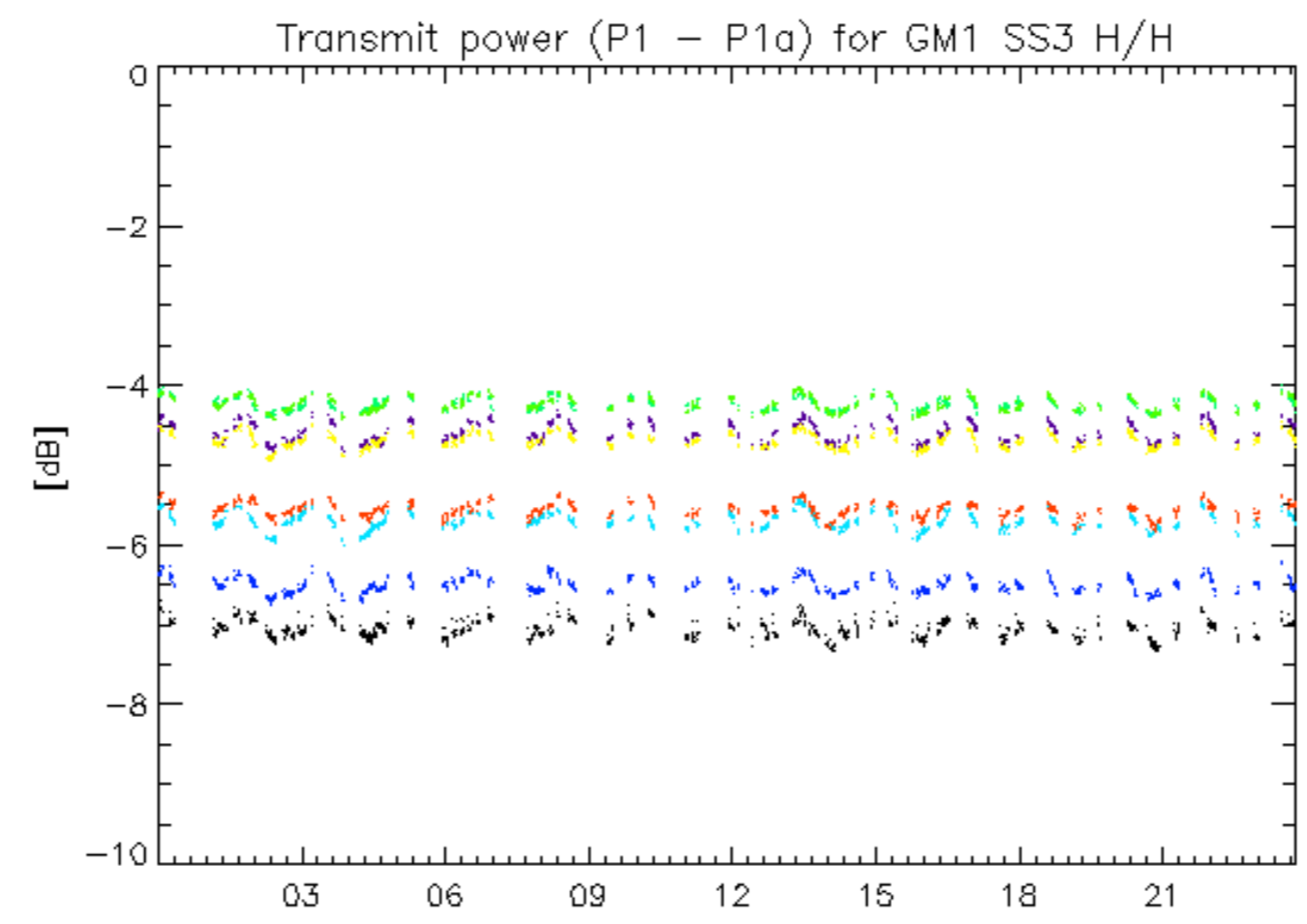
Calibration pulses for WVS IS2 V/V



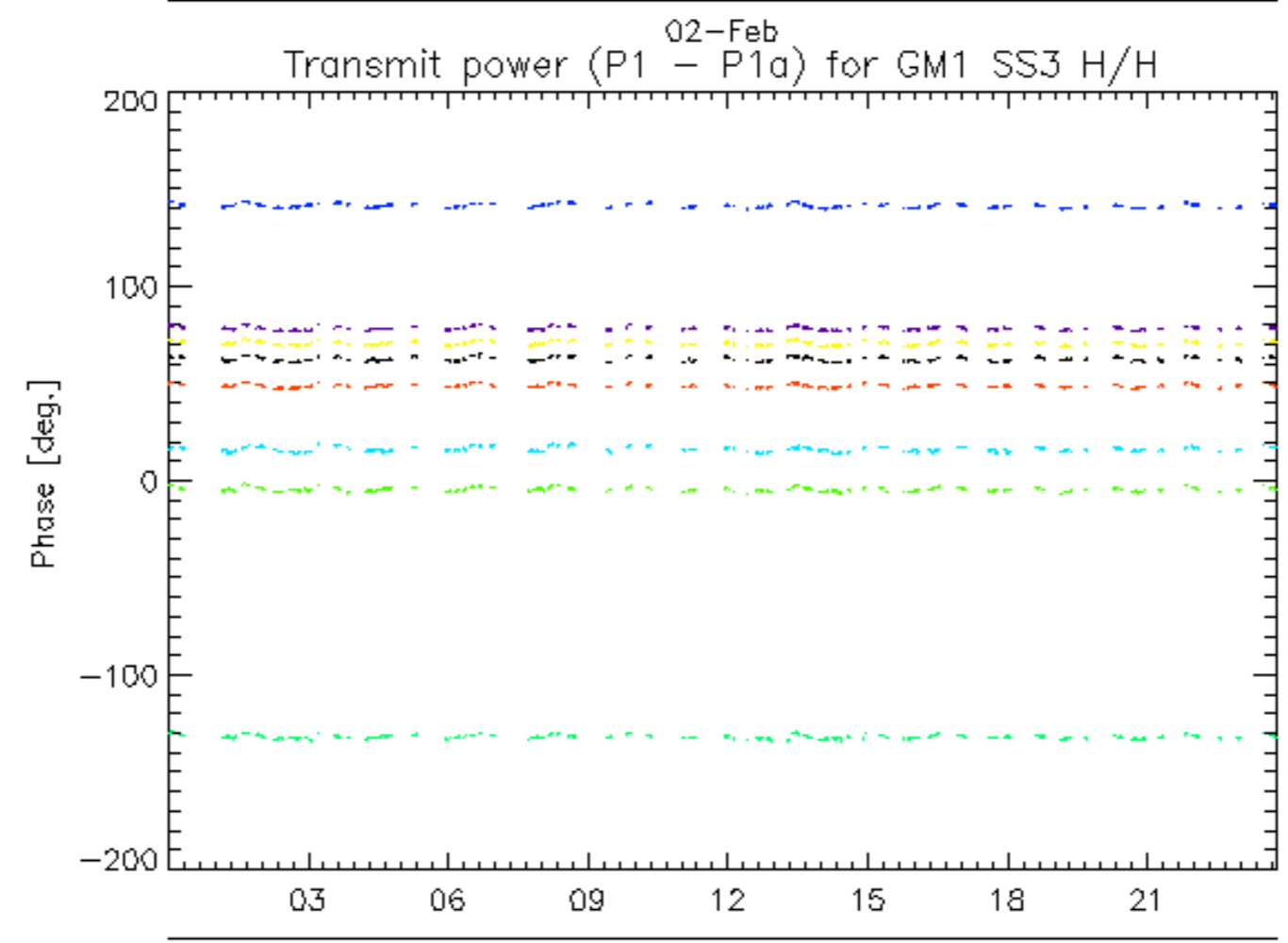
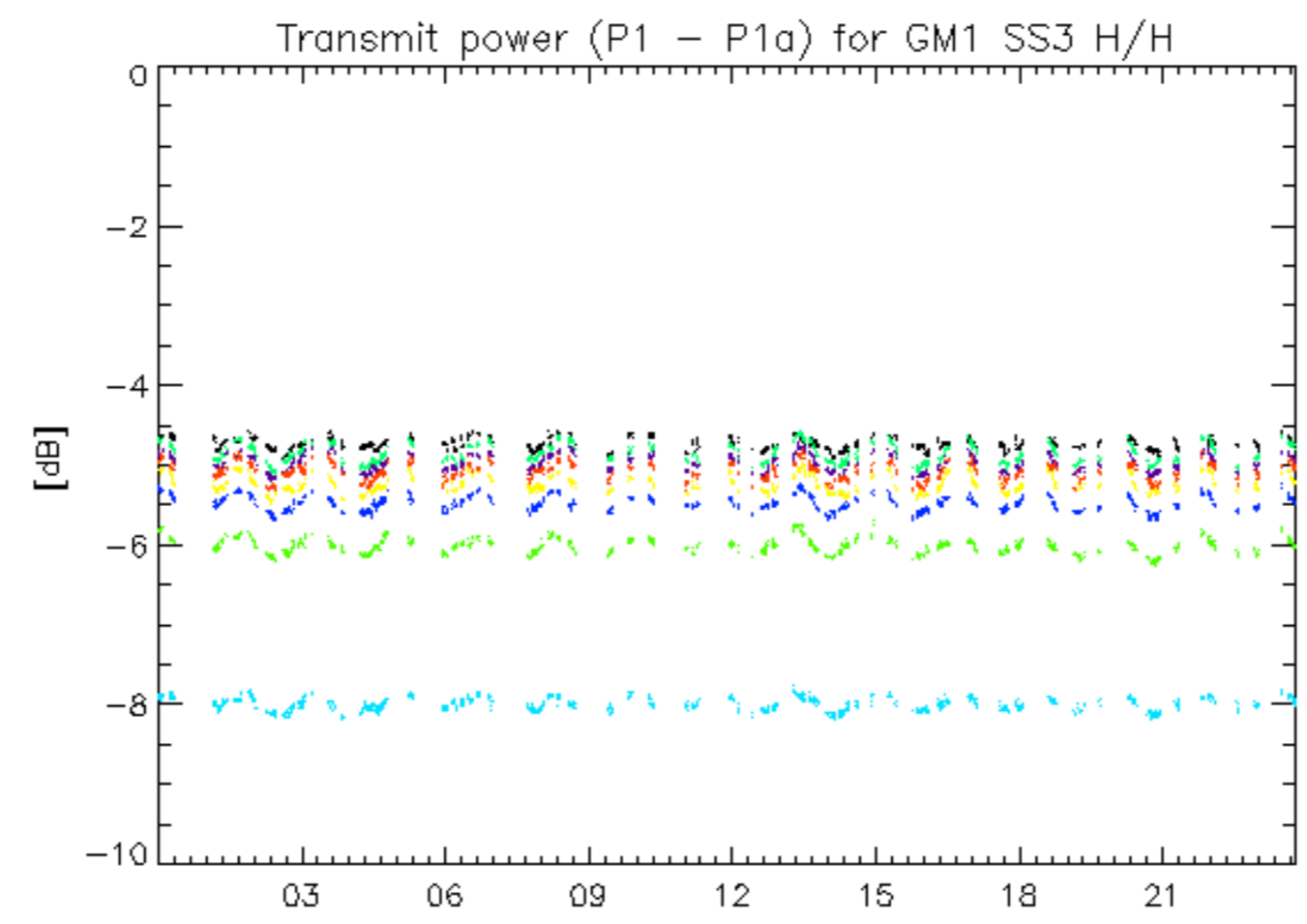
rows: _ 12 _ 16 _ 20 _ 24 _ 28 _ 32 _ 4 _ 8



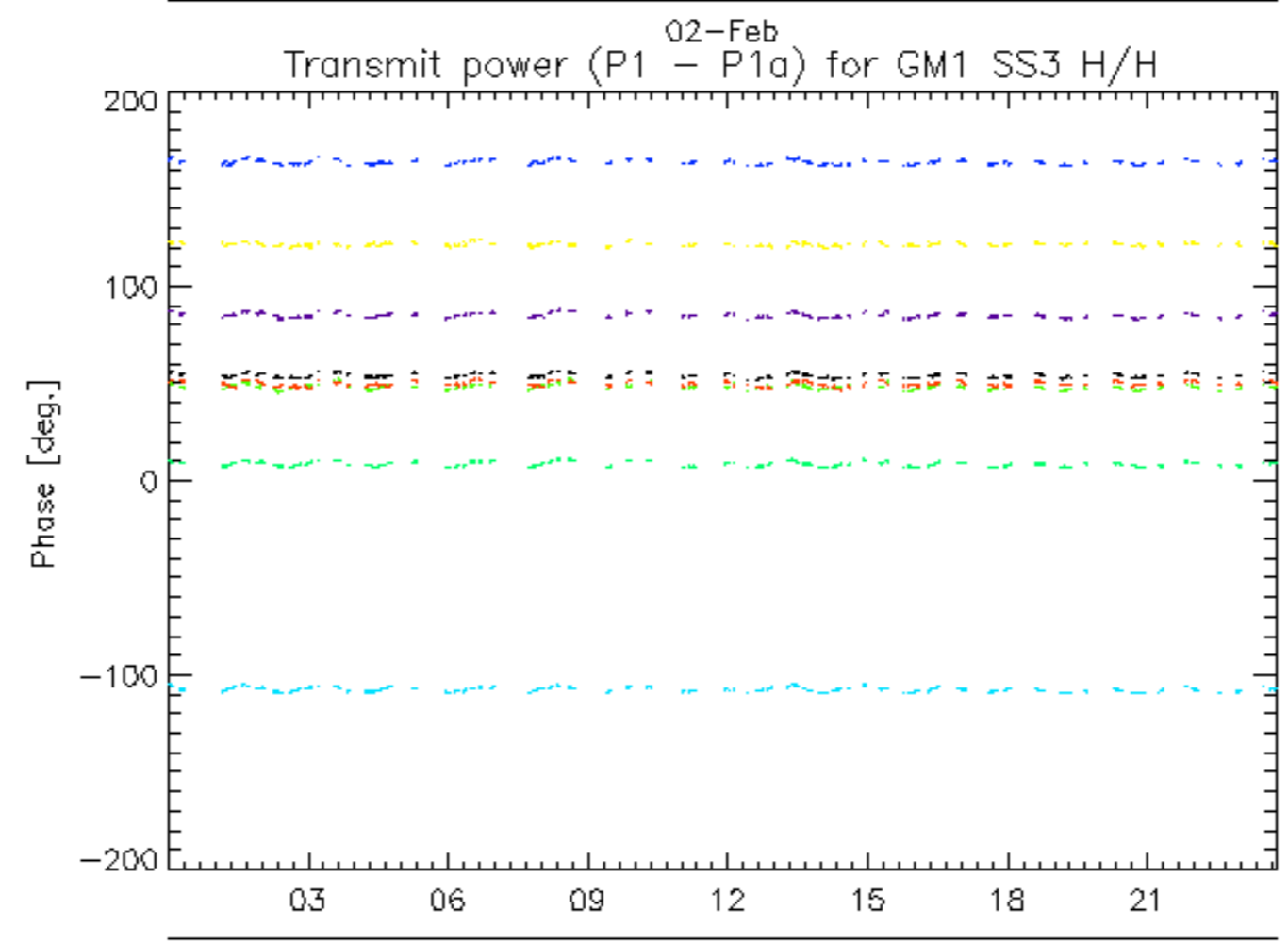
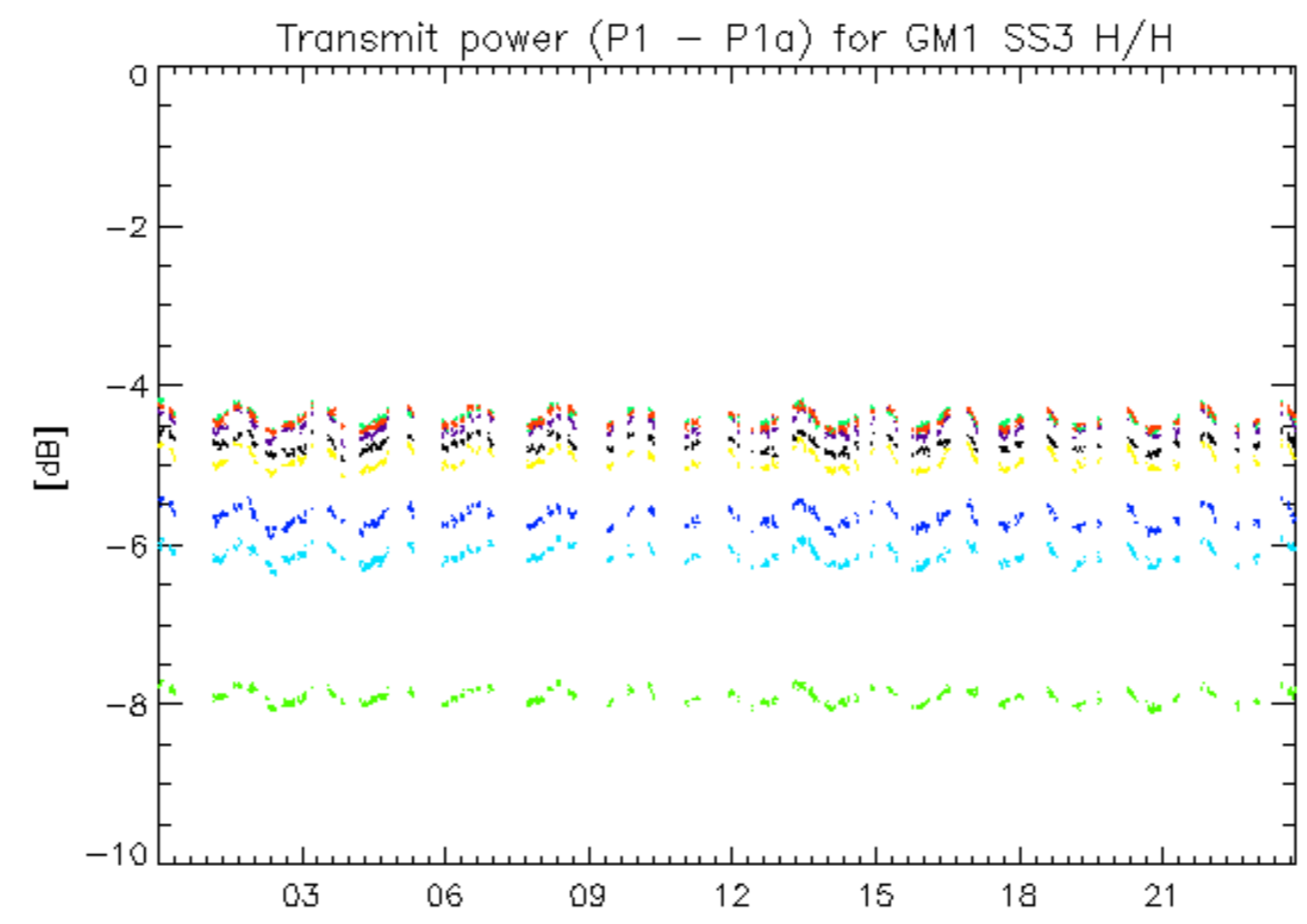




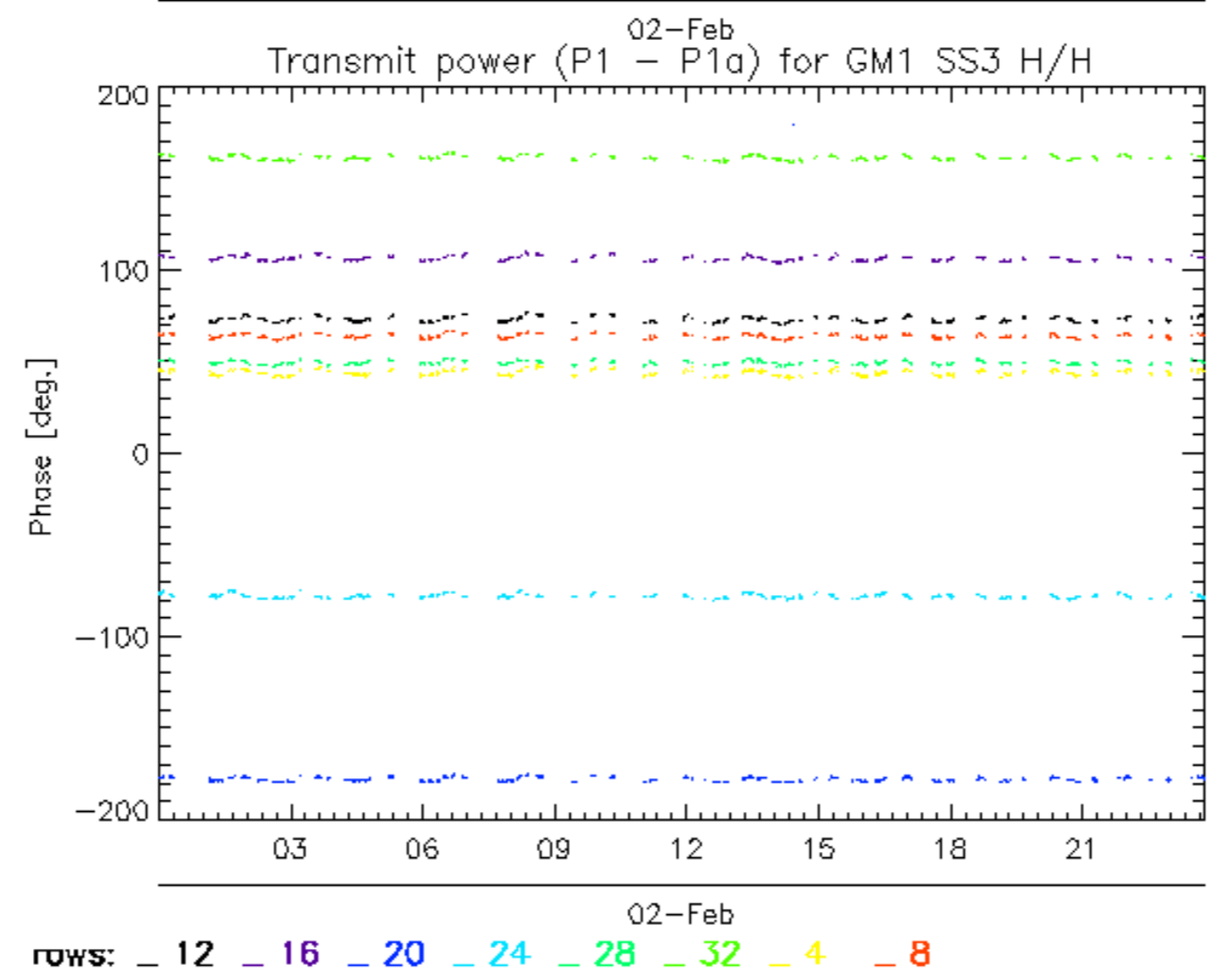
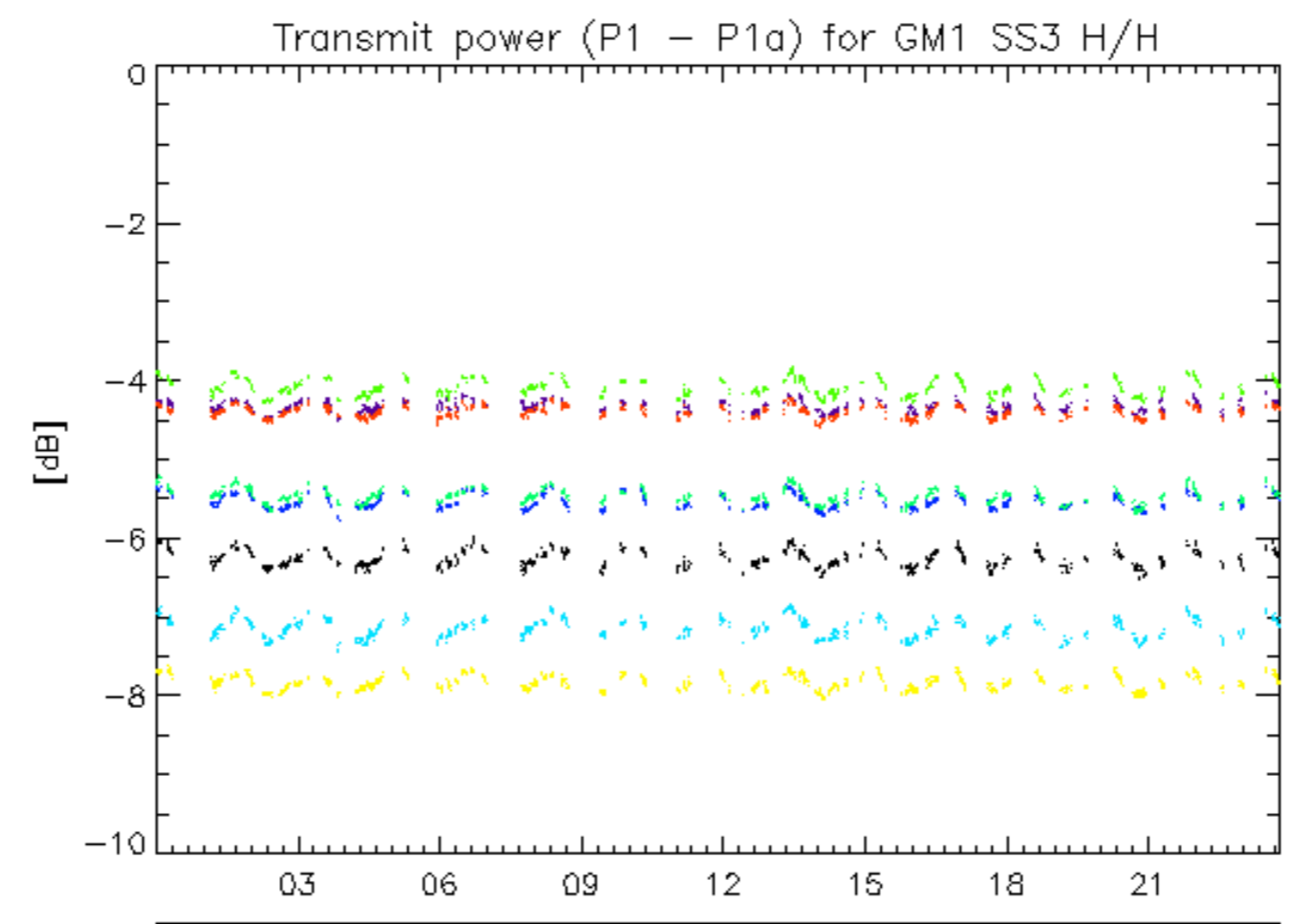
02-Feb
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

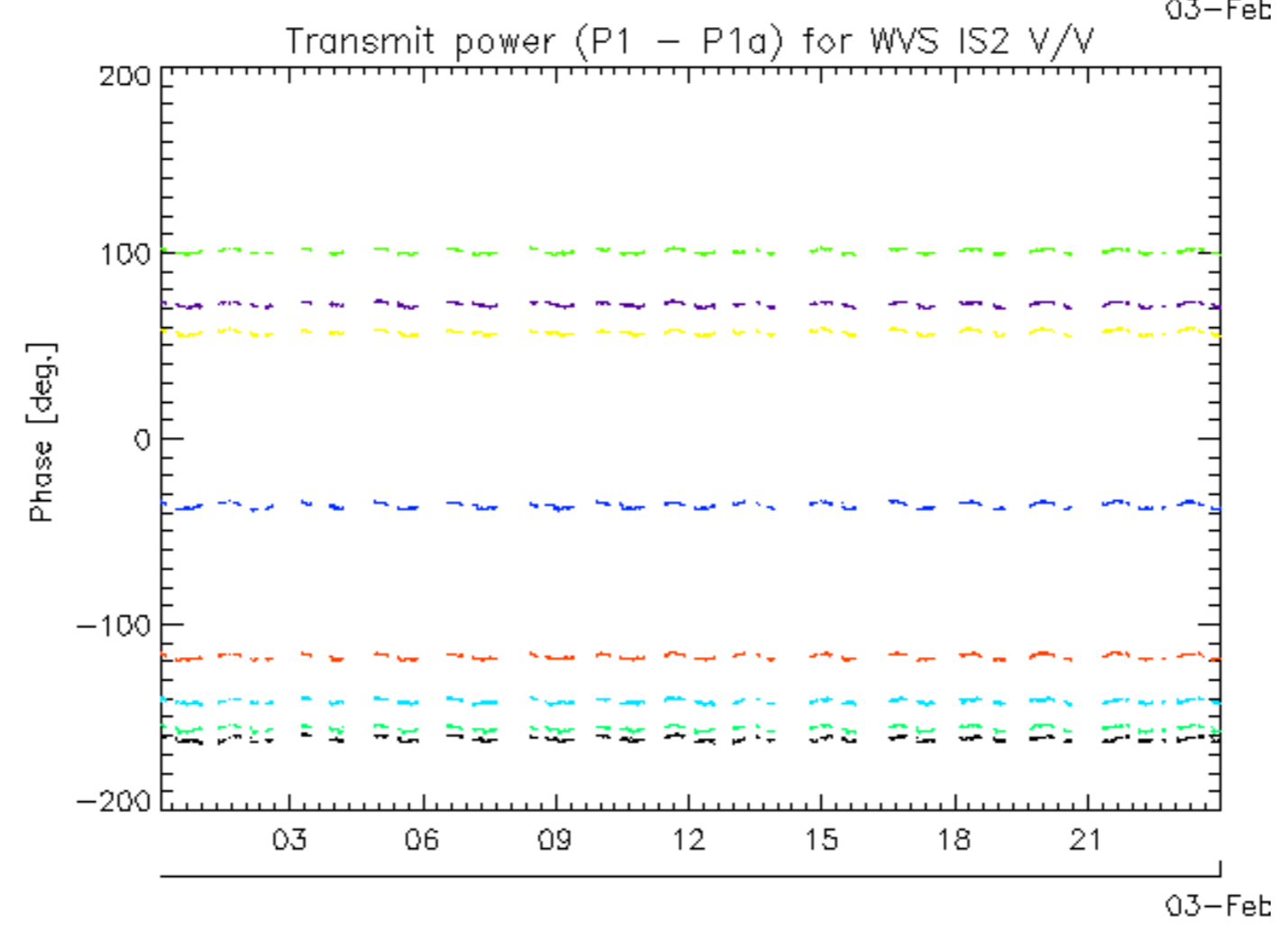
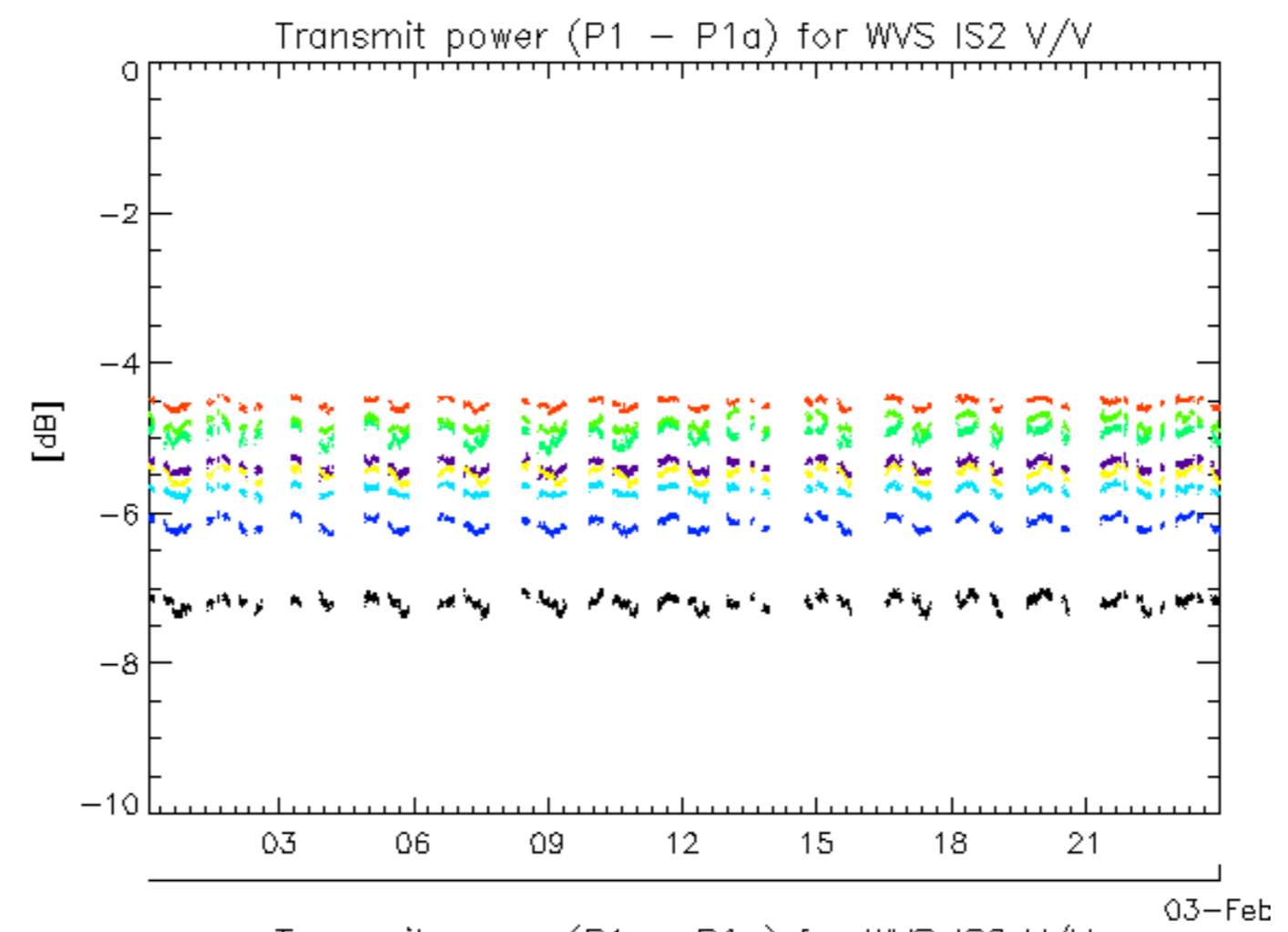


rows: _ 10 _ 14 _ 18 _ 2 _ 22 _ 26 _ 30 _ 6

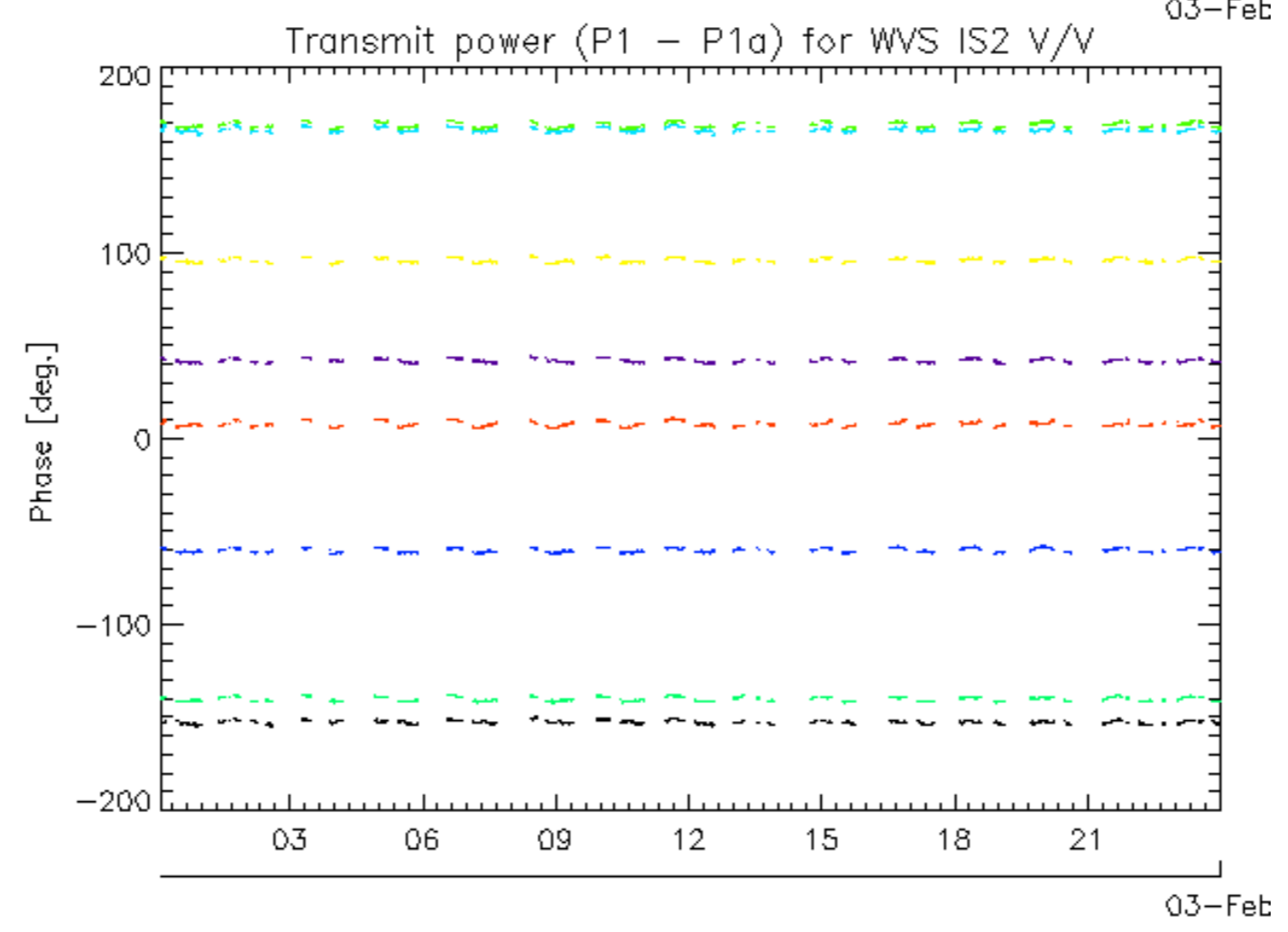
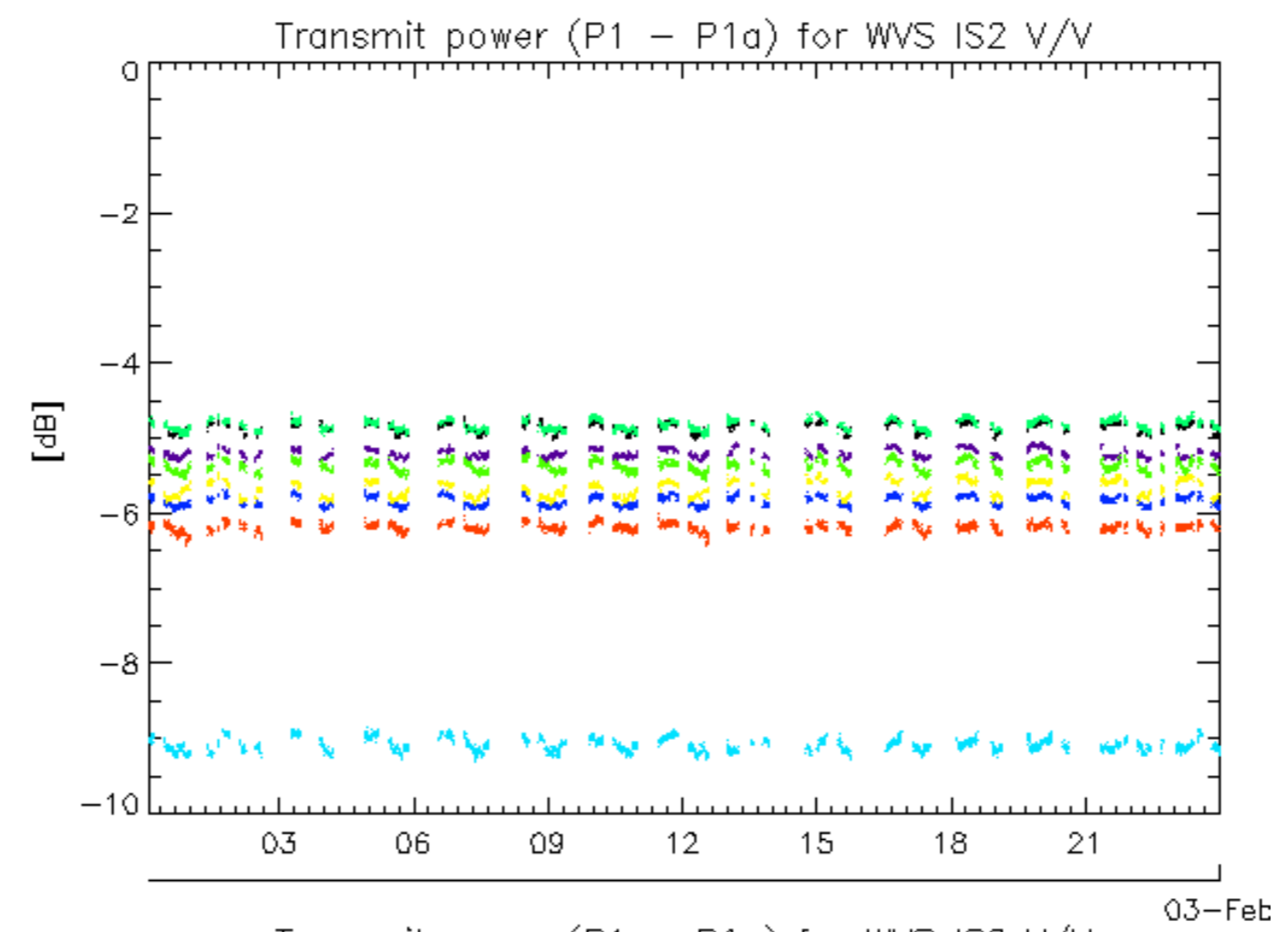


02-Feb
rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7

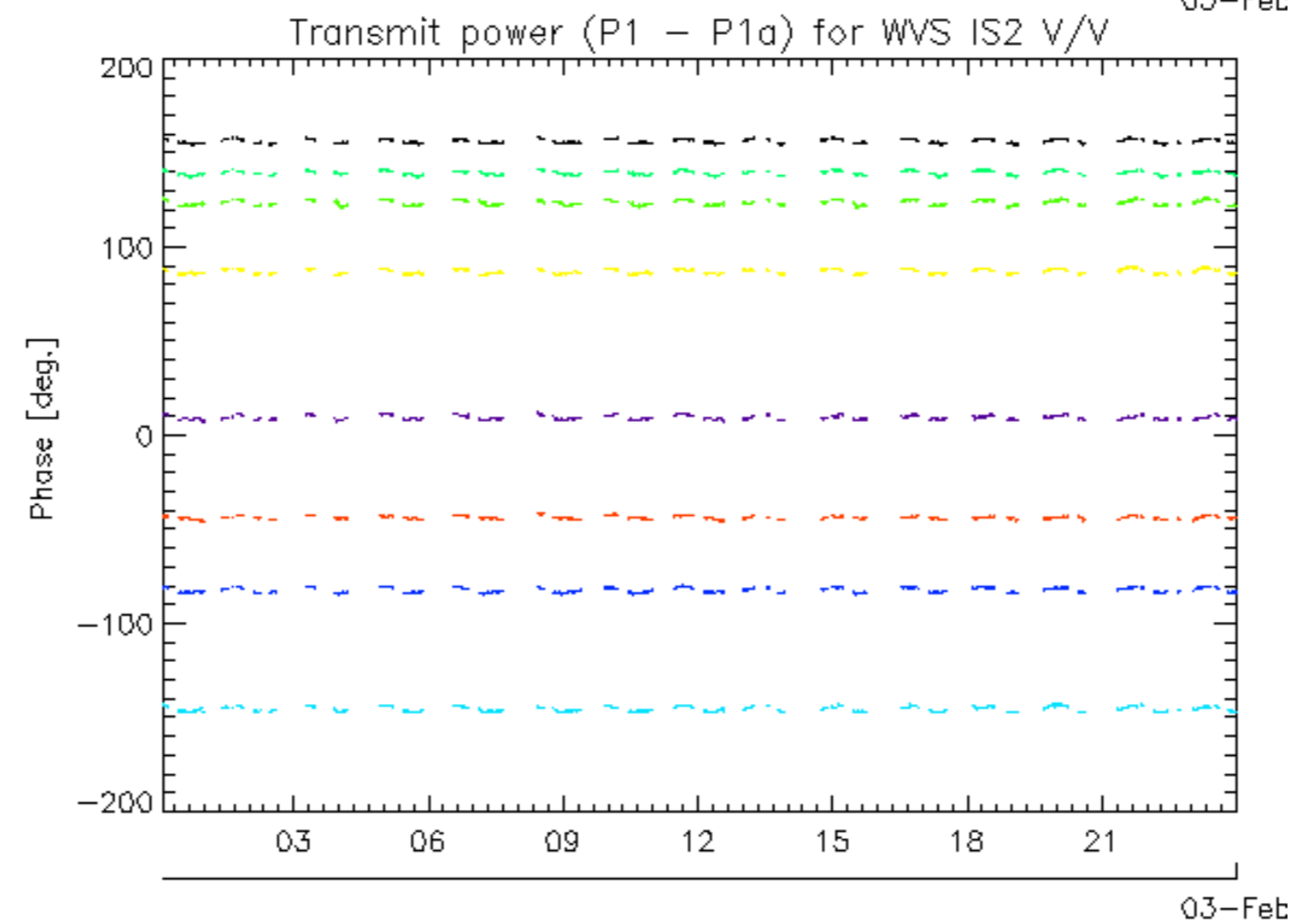
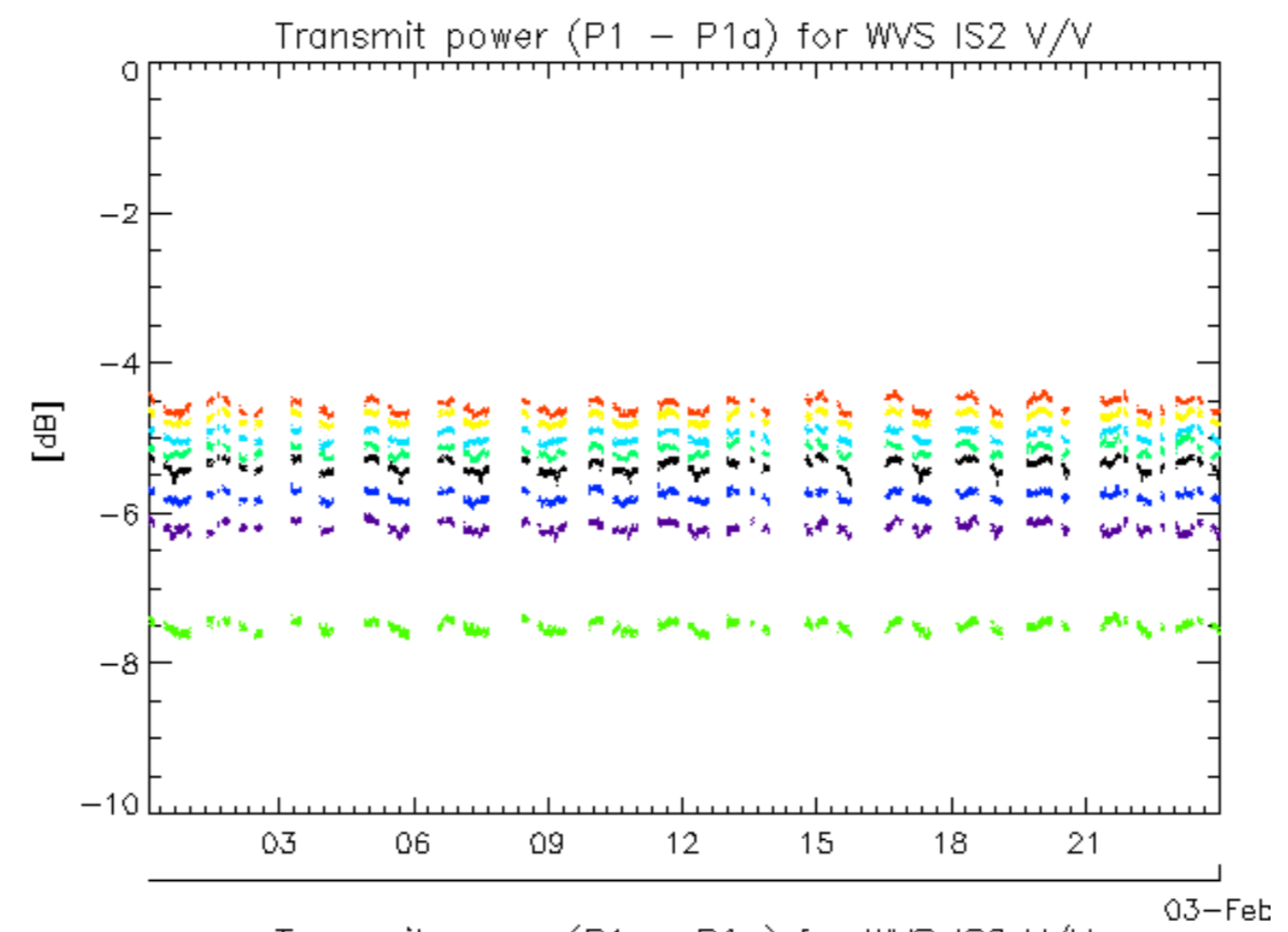




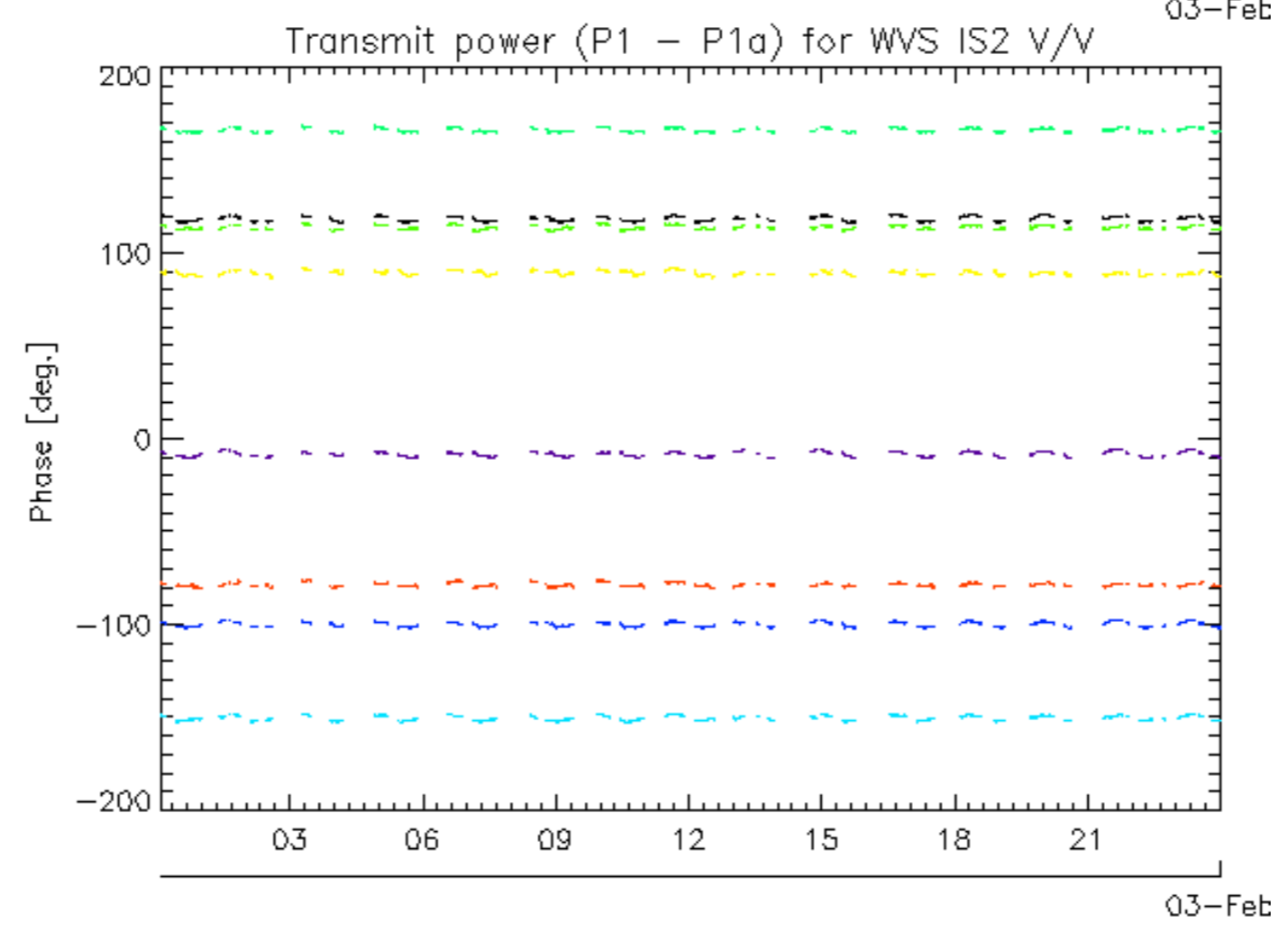
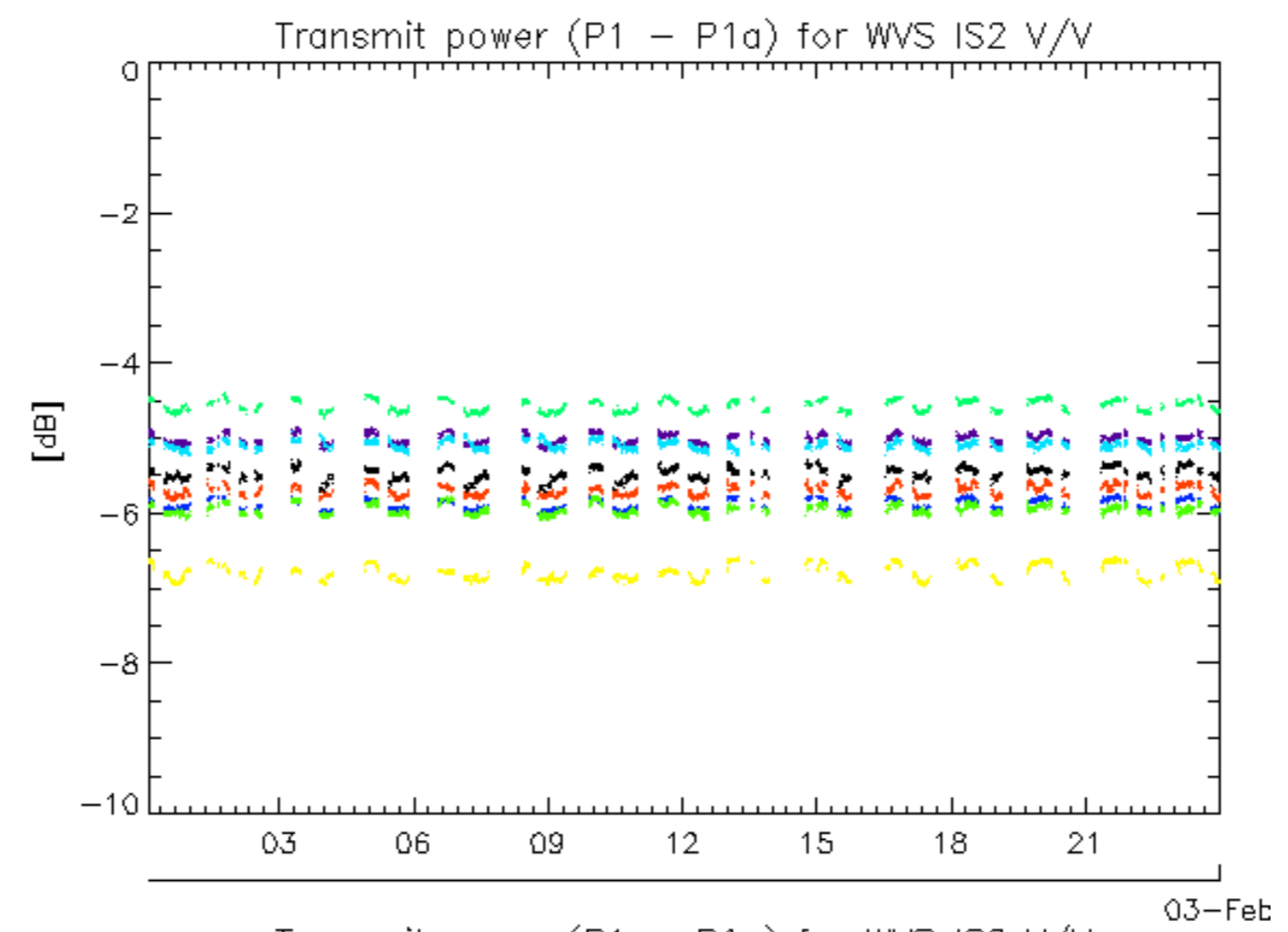
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9



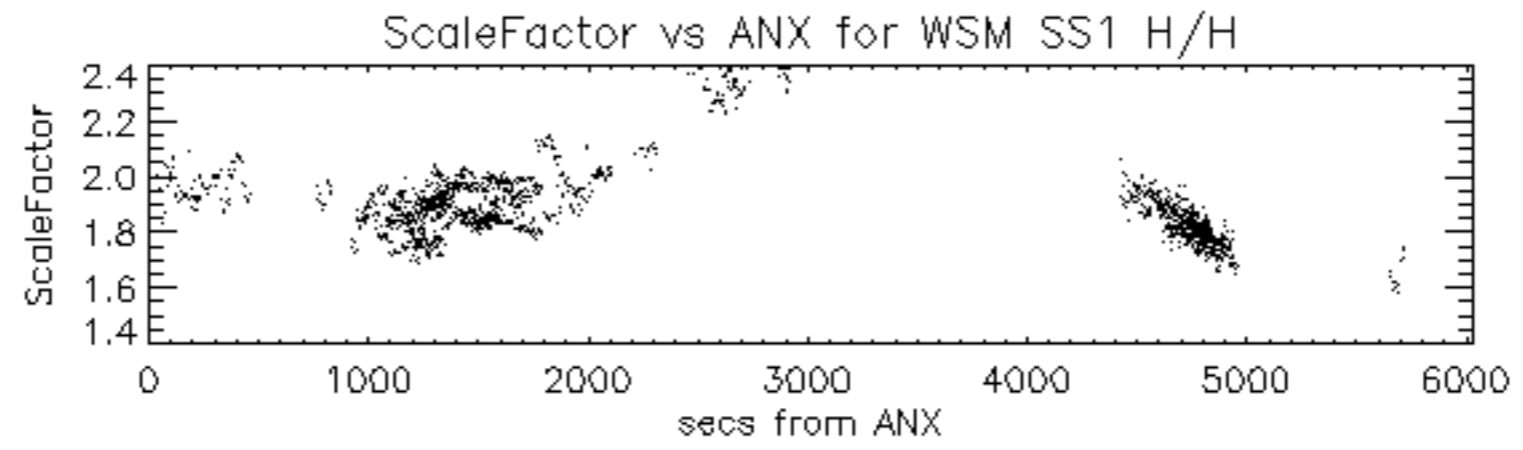
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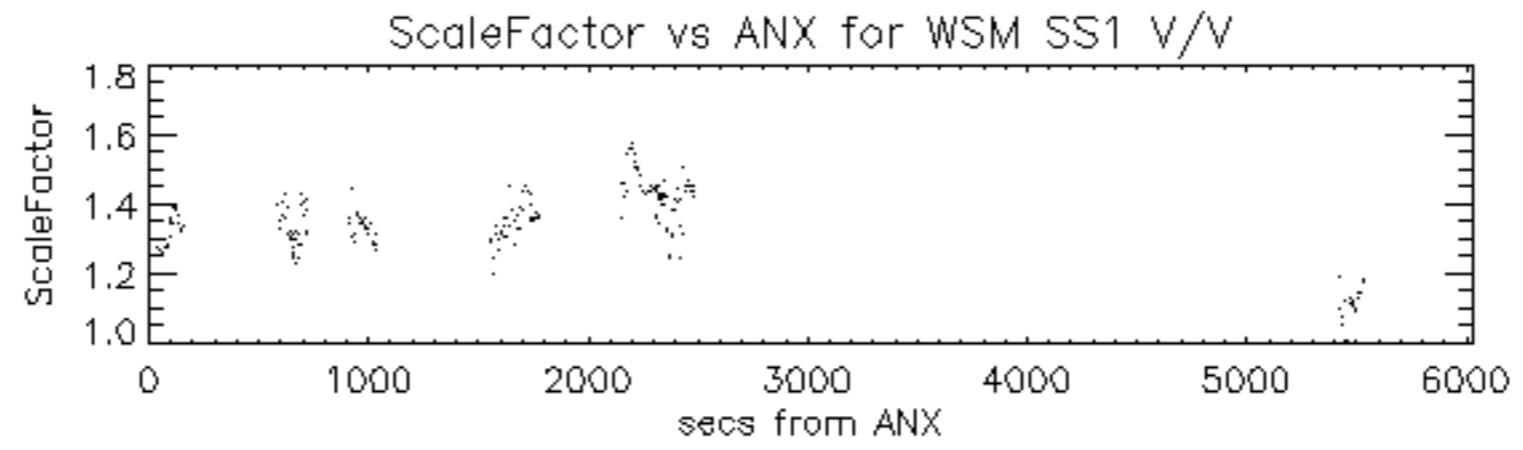


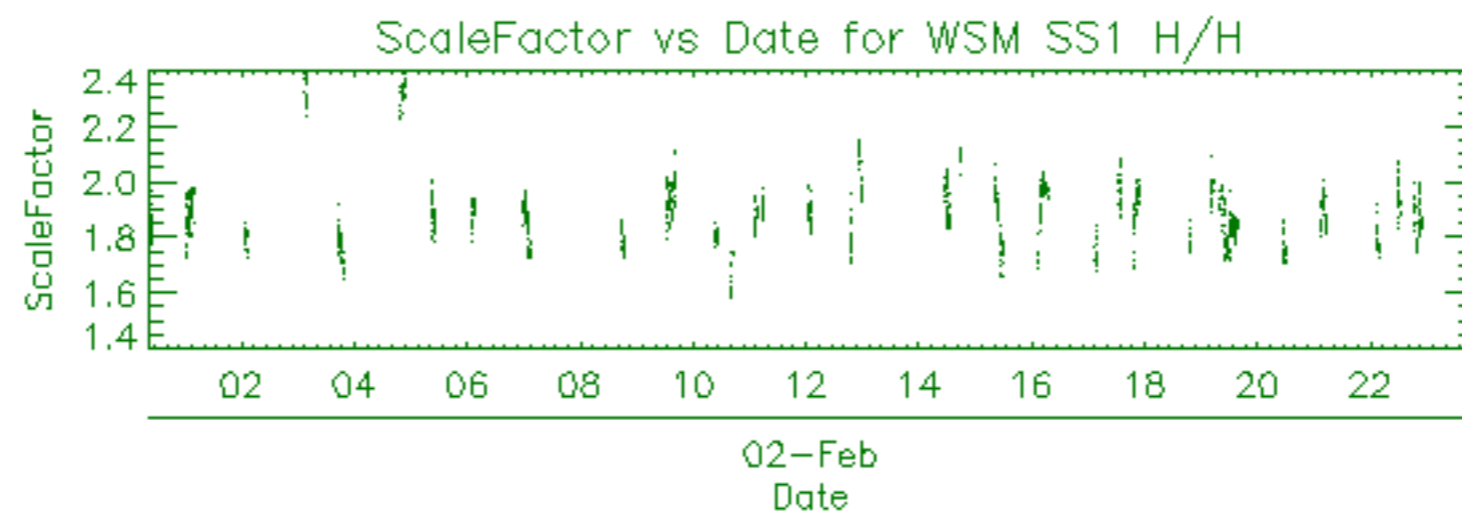
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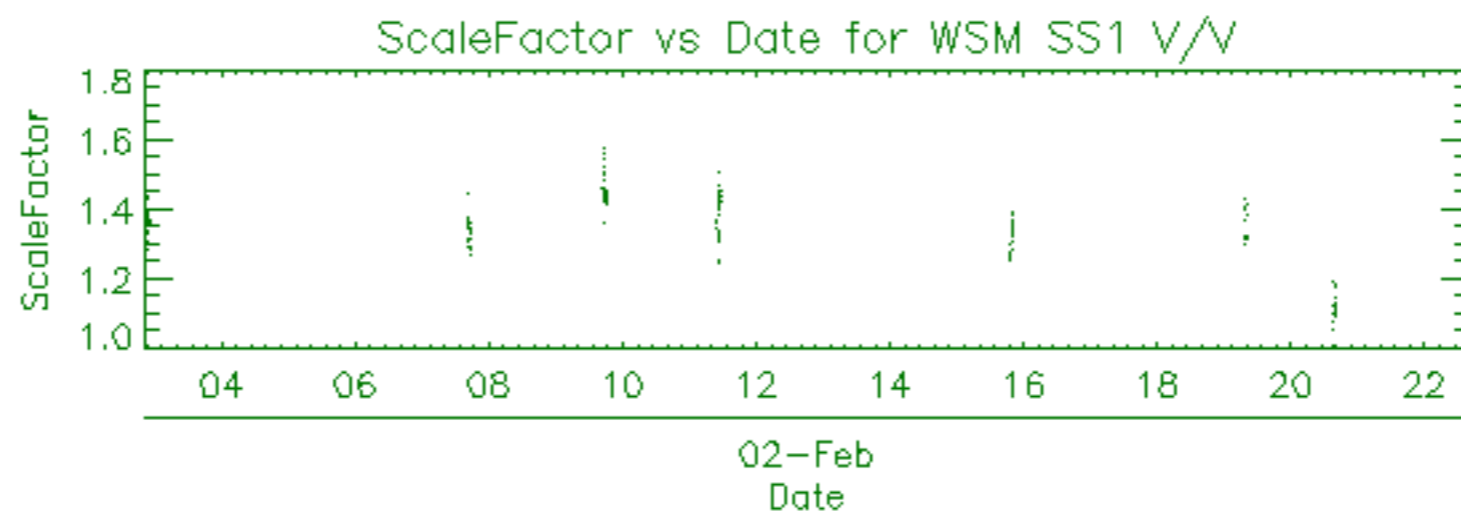


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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120202_013208_000000993111_00175_51913_6454.N1						IS4	H/V	111	51913	175	5.04
ASA_APM_1PNPDE20120202_014408_000000423111_00175_51913_6455.N1						IS1	V/H	111	51913	175	5.04
ASA_APM_1PNPDE20120202_031054_000000833111_00176_51914_6478.N1						IS2	H/H	111	51914	176	5.04
ASA_APM_1PNPDE20120202_031423_000001273111_00176_51914_6479.N1						IS1	V/H	111	51914	176	5.04
ASA_APM_1PNPDE20120202_040924_000000853111_00177_51915_6512.N1						IS1	V/H	111	51915	177	5.04
ASA_APM_1PNPDE20120202_044630_000000433111_00177_51915_6515.N1						IS7	H/H	111	51915	177	5.04
ASA_APM_1PNPDE20120202_081533_000000433111_00179_51917_6610.N1						IS1	V/H	111	51917	179	5.04
ASA_APM_1PNPDK20120202_131931_000000883111_00182_51920_1854.N1						IS1	V/H	111	51920	182	5.04
ASA_APM_1PNPDK20120202_141005_000000713111_00183_51921_1855.N1						IS3	H/H	111	51921	183	5.04
ASA_APM_1PNPDE20120202_145556_000000433111_00183_51921_6723.N1						IS1	V/H	111	51921	183	5.04
ASA_APM_1PNPDE20120202_145816_000000563111_00183_51921_6724.N1						IS1	V/H	111	51921	183	5.04
ASA_APM_1PNPDK20120202_210136_000000423111_00187_51925_1980.N1						IS4	H/H	111	51925	187	5.04
ASA_APM_1PNPDE20120202_223610_000000443111_00188_51926_6785.N1						IS4	V/H	111	51926	188	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120201_235904_000003083111_00174_51912_6424.N1						SS1	H/H	111	51912	174	5.04
ASA_GM1_1PNPDE20120202_000415_000000783111_00174_51912_6427.N1						SS1	H/H	111	51912	174	5.04
ASA_GM1_1PNPDE20120202_001323_000004773111_00174_51912_6432.N1						SS1	H/H	111	51912	174	5.04
ASA_GM1_1PNPDE20120202_010939_000008223111_00175_51913_6459.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_012502_000000903111_00175_51913_6460.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_013409_000002353111_00175_51913_6461.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_014023_000002233111_00175_51913_6464.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_015336_000005673111_00175_51913_6467.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_015336_000005673111_00175_51913_6470.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_021522_000007613111_00175_51913_6482.N1						SS1	H/H	111	51913	175	5.04
ASA_GM1_1PNPDE20120202_023635_000008703111_00176_51914_6481.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_025514_000005133111_00176_51914_6484.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_030435_000000843111_00176_51914_6486.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_031239_000001023111_00176_51914_6493.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_033347_000005133111_00176_51914_6520.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_034924_000002053111_00176_51914_6523.N1						SS1	H/H	111	51914	176	5.04
ASA_GM1_1PNPDE20120202_041323_000019883111_00177_51915_6524.N1						SS1	H/H	111	51915	177	5.04
ASA_GM1_1PNPDE20120202_044733_000000663111_00177_51915_6527.N1						SS1	H/H	111	51915	177	5.04
ASA_GM1_1PNPDE20120202_051401_000003983111_00177_51915_6565.N1						SS1	H/H	111	51915	177	5.04
ASA_GM1_1PNPDE20120202_055525_000001693111_00178_51916_6564.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_060011_000002353111_00178_51916_6566.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_060846_000003563111_00178_51916_6567.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_061849_000003083111_00178_51916_6571.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_062755_000002293111_00178_51916_6570.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_063238_000000843111_00178_51916_6568.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDE20120202_063938_000001993111_00178_51916_6574.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDK20120202_065417_000003083111_00178_51916_1732.N1						SS1	H/H	111	51916	178	5.04
ASA_GM1_1PNPDK20120202_074338_000006283111_00179_51917_1734.N1						SS1	H/H	111	51917	179	5.04
ASA_GM1_1PNPDK20120202_075305_000006283111_00179_51917_2011.N1						SS1	H/H	111	51917	179	5.04
ASA_GM1_1PNPDK20120202_080846_000004043111_00179_51917_1752.N1						SS1	H/H	111	51917	179	5.04
ASA_GM1_1PNPDK20120202_082021_000002773111_00179_51917_1754.N1						SS1	H/H	111	51917	179	5.04
ASA_GM1_1PNPDK20120202_083429_000005253111_00179_51917_1756.N1						SS1	H/H	111	51917	179	5.04
ASA_GM1_1PNPDK20120202_092346_000004343111_00180_51918_1758.N1						SS1	H/H	111	51918	180	5.04
ASA_GM1_1PNPDK20120202_094932_000003323111_00180_51918_1777.N1						SS1	H/H	111	51918	180	5.04
ASA_GM1_1PNPDK20120202_101448_000004893111_00180_51918_1780.N1						SS1	H/H	111	51918	180	5.04
ASA_GM1_1PNPDK20120202_110102_000001993111_00181_51919_1781.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_110922_000001933111_00181_51919_1784.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_111130_000000603111_00181_51919_1797.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_111514_000001753111_00181_51919_1798.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_115459_000004473111_00181_51919_1800.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_120605_000001083111_00181_51919_1806.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_122429_000000663111_00181_51919_1807.N1						SS1	H/H	111	51919	181	5.04
ASA_GM1_1PNPDK20120202_123603_000006283111_00182_51920_1808.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_124916_000002893111_00182_51920_1809.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_125253_000001873111_00182_51920_1832.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_131535_000002353111_00182_51920_1833.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_132117_000002833111_00182_51920_1834.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_132604_000003863111_00182_51920_1837.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_133513_000007793111_00182_51920_1839.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_135710_000003323111_00182_51920_1840.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_140344_000003803111_00182_51920_1841.N1						SS1	H/H	111	51920	182	5.04
ASA_GM1_1PNPDK20120202_141304_000008643111_00183_51921_1843.N1						SS1	H/H	111	51921	183	5.04
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ASA_GM1_1PNPDK20120202_145340_000001323111_00183_51921_1884.N1						SS1	H/H	111	51921	183	5.04
ASA_GM1_1PNPDK20120202_145700_000000723111_00183_51921_1898.N1						SS1	H/H	111	51921	183	5.04
ASA_GM1_1PNPDK20120202_151526_000003083111_00183_51921_1900.N1						SS1	H/H	111	51921	183	5.04
ASA_GM1_1PNPDK20120202_152411_000001503111_00183_51921_1902.N1						SS1	H/H	111	51921	183	5.04
ASA_GM1_1PNPDK20120202_154606_000000843111_00183_51921_1901.N1						SS1	H/H	111	51921	183	5.04
ASA_GM1_1PNPDK20120202_155013_000010153111_00184_51922_1904.N1						SS1	H/H	111	51922	184	5.04
ASA_GM1_1PNPDK20120202_161707_000005313111_00184_51922_1929.N1						SS1	H/H	111	51922	184	5.04
ASA_GM1_1PNPDK20120202_162702_000003563111_00184_51922_1930.N1						SS1	H/H	111	51922	184	5.04
ASA_GM1_1PNPDK20120202_165541_000006893111_00184_51922_1932.N1						SS1	H/H	111	51922	184	5.04
ASA_GM1_1PNPDK20120202_173529_000006283111_00185_51923_1934.N1						SS1	H/H	111	51923	185	5.04
ASA_GM1_1PNPDK20120202_174450_000001383111_00185_51923_1958.N1						SS1	H/H	111	51923	185	5.04
ASA_GM1_1PNPDK20120202_175448_000006103111_00185_51923_1960.N1						SS1	H/H	111	51923	185	5.04
ASA_GM1_1PNPDK20120202_183555_000006283111_00185_51923_1962.N1						SS1	H/H	111	51923	185	5.04
ASA_GM1_1PNPDK20120202_190822_000001203111_00186_51924_1963.N1						SS1	H/H	111	51924	186	5.04

ASA_GM1_1PNPDK20120202_191307_000003143111_00186_51924_1964.N1	SS1	H/H	111	51924	186	5.04
ASA_GM1_1PNPDK20120202_192151_000000783111_00186_51924_1966.N1	SS1	H/H	111	51924	186	5.04
ASA_GM1_1PNPDK20120202_193854_000001573111_00186_51924_1981.N1	SS1	H/H	111	51924	186	5.04
ASA_GM1_1PNPDK20120202_201609_000006283111_00186_51924_1983.N1	SS1	H/H	111	51924	186	5.04
ASA_GM1_1PNPDK20120202_204015_000009793111_00186_51924_1984.N1	SS1	H/H	111	51924	186	5.04
ASA_GM1_1PNPDE20120202_211412_000004343111_00187_51925_6771.N1	SS1	H/H	111	51925	187	5.04
ASA_GM1_1PNPDE20120202_214749_000002113111_00187_51925_6772.N1	SS1	H/H	111	51925	187	5.04
ASA_GM1_1PNPDE20120202_215622_000006163111_00187_51925_6776.N1	SS1	H/H	111	51925	187	5.04
ASA_GM1_1PNPDE20120202_223215_000002353111_00188_51926_6802.N1	SS1	H/H	111	51926	188	5.04
ASA_GM1_1PNPDE20120202_225502_000003623111_00188_51926_6804.N1	SS1	H/H	111	51926	188	5.04
ASA_GM1_1PNPDE20120202_232805_000001503111_00188_51926_6806.N1	SS1	H/H	111	51926	188	5.04
ASA_GM1_1PNPDE20120202_233638_000005923111_00188_51926_6810.N1	SS1	H/H	111	51926	188	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20120202_030346_000000373111_00176_51914_6476.N1						IS1	H/H	111	51914	176	5.04
ASA_IMM_1PNPDE20120202_035246_000001283111_00176_51914_6509.N1						IS6	H/H	111	51914	176	5.04
ASA_IMM_1PNPDE20120202_055411_000000633111_00178_51916_6556.N1						IS3	V/V	111	51916	178	5.04
ASA_IMM_1PNPDK20120202_061444_000002343111_00178_51916_1721.N1						IS6	H/H	111	51916	178	5.04
ASA_IMM_1PNPDE20120202_062352_000002313111_00178_51916_6559.N1						IS6	H/H	111	51916	178	5.04
ASA_IMM_1PNPDE20120202_080413_000000693111_00179_51917_6609.N1						IS6	H/H	111	51917	179	5.04
ASA_IMM_1PNPDE20120202_081634_000002183111_00179_51917_6611.N1						IS2	V/V	111	51917	179	5.04
ASA_IMM_1PNPDE20120202_162557_000000523111_00184_51922_6737.N1						IS6	H/H	111	51922	184	5.04
ASA_IMM_1PNPDE20120202_180459_000001513111_00185_51923_6747.N1						IS6	H/H	111	51923	185	5.04
ASA_IMM_1PNPDE20120202_180736_000000373111_00185_51923_6748.N1						IS2	V/V	111	51923	185	5.04
ASA_IMM_1PNPDE20120202_232524_000000373111_00188_51926_6799.N1						IS2	H/H	111	51926	188	5.04
ASA_IMM_1PNPDE20120202_232700_000000543111_00188_51926_6798.N1						IS2	H/H	111	51926	188	5.04

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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20120202_002122_000002513111_00174_51912_6422.N1						SS1	H/H	111	51912	174	5.04
ASA_WSM_1PNPDE20120202_010021_000005513111_00175_51913_6453.N1						SS1	H/H	111	51913	175	5.04
ASA_WSM_1PNPDE20120202_020309_000001533111_00175_51913_6456.N1						SS1	H/H	111	51913	175	5.04
ASA_WSM_1PNPDE20120202_025106_000002453111_00176_51914_6480.N1						SS1	V/V	111	51914	176	5.04
ASA_WSM_1PNPDE20120202_030610_000002513111_00176_51914_6477.N1						SS1	H/H	111	51914	176	5.04
ASA_WSM_1PNPDE20120202_034224_000003433111_00176_51914_6508.N1						SS1	H/H	111	51914	176	5.04
ASA_WSM_1PNPDE20120202_044847_000003493111_00177_51915_6518.N1						SS1	H/H	111	51915	177	5.04
ASA_WSM_1PNPDE20120202_052045_000003303111_00177_51915_6555.N1						SS1	H/H	111	51915	177	5.04
ASA_WSM_1PNPDE20120202_060409_000002693111_00178_51916_6558.N1						SS1	H/H	111	51916	178	5.04
ASA_WSM_1PNPDK20120202_065929_000004283111_00178_51916_1741.N1						SS1	H/H	111	51916	178	5.04
ASA_WSM_1PNPDK20120202_074103_000001533111_00179_51917_1742.N1						SS1	V/V	111	51917	179	5.04
ASA_WSM_1PNPDK20120202_084315_000002083111_00179_51917_1765.N1						SS1	H/H	111	51917	179	5.04
ASA_WSM_1PNPDE20120202_093101_000003123111_00180_51918_6638.N1						SS1	H/H	111	51918	180	5.04
ASA_WSM_1PNPDE20120202_093709_000002693111_00180_51918_6640.N1						SS1	H/H	111	51918	180	5.04
ASA_WSM_1PNPDK20120202_093955_000000923111_00180_51918_1766.N1						SS1	H/H	111	51918	180	5.04
ASA_WSM_1PNPDK20120202_094155_000001163111_00180_51918_1767.N1						SS1	V/V	111	51918	180	5.04
ASA_WSM_1PNPDE20120202_094337_000001353111_00180_51918_6641.N1						SS1	V/V	111	51918	180	5.04
ASA_WSM_1PNPDE20120202_102300_000002143111_00180_51918_6674.N1						SS1	H/H	111	51918	180	5.04
ASA_WSM_1PNPDE20120202_104019_000000923111_00180_51918_6675.N1						SS1	H/H	111	51918	180	5.04
ASA_WSM_1PNPDE20120202_110427_000002883111_00181_51919_6677.N1						SS1	H/H	111	51919	181	5.04
ASA_WSM_1PNPDK20120202_111240_000001533111_00181_51919_1783.N1						SS1	H/H	111	51919	181	5.04
ASA_WSM_1PNPDE20120202_112447_000001903111_00181_51919_6673.N1						SS1	V/V	111	51919	181	5.04
ASA_WSM_1PNPDK20120202_120227_000002143111_00181_51919_1811.N1						SS1	H/H	111	51919	181	5.04
ASA_WSM_1PNPDK20120202_124642_000001533111_00182_51920_1812.N1						SS1	H/H	111	51920	182	5.04
ASA_WSM_1PNPDK20120202_125604_000002323111_00182_51920_1818.N1						SS1	H/H	111	51920	182	5.04
ASA_WSM_1PNPDK20120202_142732_000004163111_00183_51921_1856.N1						SS1	H/H	111	51921	183	5.04
ASA_WSM_1PNPDK20120202_144334_000001353111_00183_51921_1875.N1						SS1	H/H	111	51921	183	5.04
ASA_WSM_1PNPDE20120202_152041_000002083111_00183_51921_6725.N1						SS1	H/H	111	51921	183	5.04
ASA_WSM_1PNPDE20120202_152647_000001533111_00183_51921_6726.N1						SS1	H/H	111	51921	183	5.04
ASA_WSM_1PNPDE20120202_154739_000001533111_00184_51922_6722.N1						SS1	V/V	111	51922	184	5.04
ASA_WSM_1PNPDK20120202_160711_000002943111_00184_51922_1911.N1						SS1	H/H	111	51922	184	5.04
ASA_WSM_1PNPDE20120202_161127_000003363111_00184_51922_6736.N1						SS1	H/H	111	51922	184	5.04
ASA_WSM_1PNPDE20120202_170711_000001533111_00184_51922_6735.N1						SS1	H/H	111	51922	184	5.04
ASA_WSM_1PNPDE20120202_173218_000001903111_00185_51923_6738.N1						SS1	H/H	111	51923	185	5.04
ASA_WSM_1PNPDK20120202_174715_000002143111_00185_51923_1942.N1						SS1	H/H	111	51923	185	5.04
ASA_WSM_1PNPDE20120202_175013_000002693111_00185_51923_6742.N1						SS1	H/H	111	51923	185	5.04
ASA_WSM_1PNPDE20120202_184654_000001533111_00185_51923_6746.N1						SS1	H/H	111	51923	185	5.04
ASA_WSM_1PNPDE20120202_191031_000001533111_00186_51924_6749.N1						SS1	H/H	111	51924	186	5.04
ASA_WSM_1PNPDE20120202_191825_000000923111_00186_51924_6750.N1						SS1	V/V	111	51924	186	5.04
ASA_WSM_1PNPDK20120202_192015_000000923111_00186_51924_1959.N1						SS1	H/H	111	51924	186	5.04
ASA_WSM_1PNPDK20120202_192316_000004893111_00186_51924_1973.N1						SS1	H/H	111	51924	186	5.04
ASA_WSM_1PNPDE20120202_193138_000004343111_00186_51924_6758.N1						SS1	H/H	111	51924	186	5.04
ASA_WSM_1PNPDE20120202_202703_000001533111_00186_51924_6757.N1						SS1	H/H	111	51924	186	5.04
ASA_WSM_1PNPDE20120202_203752_000001353111_00186_51924_6759.N1						SS1	V/V	111	51924	186	5.04
ASA_WSM_1PNPDE20120202_210639_000004473111_00187_51925_6777.N1						SS1	H/H	111	51925	187	5.04
ASA_WSM_1PNPDE20120202_220639_000001533111_00187_51925_6770.N1						SS1	H/H	111	51925	187	5.04
ASA_WSM_1PNPDE20120202_222838_000002143111_00188_51926_6784.N1						SS1	H/H	111	51926	188	5.04
ASA_WSM_1PNPDE20120202_223746_000001283111_00188_51926_6786.N1						SS1	V/V	111	51926	188	5.04
ASA_WSM_1PNPDK20120202_224541_000002693111_00188_51926_2004.N1						SS1	H/H	111	51926	188	5.04
ASA_WSM_1PNPDE20120202_225040_000002513111_00188_51926_6797.N1						SS1	H/H	111	51926	188	5.04
ASA_WSM_1PNPDE20120202_234636_000001533111_00188_51926_6800.N1						SS1	H/H	111	51926	188	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20120202_000541_000004203111_00174_51912_6431.N1						IS2	V/V	111	51912	174	5.04
ASA_WVS_1PNPDE20120202_000541_000004203111_00174_51912_6429.N1						IS2	V/V	111	51912	174	5.04
ASA_WVS_1PNPDE20120202_002613_000004493111_00174_51912_6433.N1						IS2	V/V	111	51912	174	5.04
ASA_WVS_1PNPDE20120202_003243_000016193111_00174_51912_6458.N1						IS2	V/V	111	51912	174	5.04
ASA_WVS_1PNPDE20120202_002613_000004493111_00174_51912_6433.N1						IS1	V/V	111	51912	174	5.04
ASA_WVS_1PNPDE20120202_012320_000005931111_00175_51913_6457.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_012641_000002593111_00175_51913_6462.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_013806_000000893111_00175_51913_6463.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_014457_000004803111_00175_51913_6465.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6466.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_020627_000002553111_00175_51913_6469.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_020957_000002853111_00175_51913_6483.N1						IS2	V/V	111	51913	175	5.04
ASA_WVS_1PNPDE20120202_022805_000004643111_00176_51914_6485.N1						IS2	V/V	111	51914	176	5.04
ASA_WVS_1PNPDE20120202_031636_000005093111_00176_51914_6487.N1						IS2	V/V	111	51914	176	5.04
ASA_WVS_1PNPDE20120202_032451_000002703111_00176_51914_6521.N1						IS2	V/V	111	51914	176	5.04
ASA_WVS_1PNPDE20120202_035500_000007643111_00176_51914_6522.N1						IS2	V/V	111	51914	176	5.04
ASA_WVS_1PNPDE20120202_041106_000000893111_00177_51915_6525.N1						IS2	V/V	111	51915	177	5.04
ASA_WVS_1PNPDE20120202_045435_000007343111_00177_51915_6526.N1						IS2	V/V	111	51915	177	5.04
ASA_WVS_1PNPDE20120202_050620_000004203111_00177_51915_6563.N1						IS2	V/V	111	51915	177	5.04
ASA_WVS_1PNPDE20120202_045435_000007343111_00177_51915_6526.N1						IS1	V/V	111	51915	177	5.04
ASA_WVS_1PNPDE20120202_052655_000016043111_00177_51915_6569.N1						IS2	V/V	111	51915	177	5.04
ASA_WVS_1PNPDE20120202_063406_000002843111_00178_51916_6572.N1						IS2	V/V	111	51916	178	5.04
ASA_WVS_1PNPDE20120202_064302_000002543111_00178_51916_6573.N1						IS2	V/V	111	51916	178	5.04
ASA_WVS_1PNPDK20120202_064702_000003903111_00178_51916_1731.N1						IS2	V/V	111	51916	178	5.04
ASA_WVS_1PNPDK20120202_070709_000019943111_00178_51916_1733.N1						IS2	V/V	111	51916	178	5.04
ASA_WVS_1PNPDK20120202_082500_000005253111_00179_51917_1755.N1						IS2	V/V	111	51917	179	5.04
ASA_WVS_1PNPDK20120202_084723_000021443111_00179_51917_1757.N1						IS2	V/V	111	51917	179	5.04
ASA_WVS_1PNPDK20120202_095504_000011393111_00180_51918_1778.N1						IS2	V/V	111	51918	180	5.04
ASA_WVS_1PNPDK20120202_102737_000007203111_00180_51918_1779.N1						IS2	V/V	111	51918	180	5.04
ASA_WVS_1PNPDK20120202_104149_000011093111_00180_51918_1782.N1						IS2	V/V	111	51918	180	5.04
ASA_WVS_1PNPDK20120202_112810_000015593111_00181_51919_1799.N1						IS2	V/V	111	51919	181	5.04
ASA_WVS_1PNPDK20120202_120800_000009453111_00181_51919_1805.N1						IS2	V/V	111	51919	181	5.04
ASA_WVS_1PNPDK20120202_122541_000005833111_00181_51919_1810.N1						IS2	V/V	111	51919	181	5.04
ASA_WVS_1PNPDK20120202_125958_000008843111_00182_51920_1836.N1						IS2	V/V	111	51920	182	5.04
ASA_WVS_1PNPDK20120202_133235_000001203111_00182_51920_1838.N1						IS2	V/V	111	51920	182	5.04
ASA_WVS_1PNPDK20120202_134813_000004953111_00182_51920_1842.N1						IS2	V/V	111	51920	182	5.04
ASA_WVS_1PNPDK20120202_144545_000004343111_00183_51921_1895.N1						IS2	V/V	111	51921	183	5.04
ASA_WVS_1PNPDK20120202_150014_000007793111_00183_51921_1899.N1						IS2	V/V	111	51921	183	5.04
ASA_WVS_1PNPDK20120202_152918_000009593111_00183_51921_1903.N1						IS2	V/V	111	51921	183	5.04
ASA_WVS_1PNPDK20120202_163258_000012293111_00184_51922_1931.N1						IS2	V/V	111	51922	184	5.04
ASA_WVS_1PNPDK20120202_170942_000013193111_00184_51922_1933.N1						IS2	V/V	111	51922	184	5.04
ASA_WVS_1PNPDK20120202_180821_000016043111_00185_51923_1961.N1						IS2	V/V	111	51923	185	5.04
ASA_WVS_1PNPDK20120202_185429_000007793111_00185_51923_1965.N1						IS2	V/V	111	51923	185	5.04
ASA_WVS_1PNPDK20120202_194133_000020243111_00186_51924_1982.N1						IS2	V/V	111	51924	186	5.04
ASA_WVS_1PNPDK20120202_202934_000004503111_00186_51924_1985.N1						IS2	V/V	111	51924	186	5.04
ASA_WVS_1PNPDE20120202_212129_000015293111_00187_51925_6773.N1						IS2	V/V	111	51925	187	5.04
ASA_WVS_1PNPDE20120202_215121_000002553111_00187_51925_6774.N1						IS2	V/V	111	51925	187	5.04
ASA_WVS_1PNPDE20120202_220915_000004053111_00187_51925_6782.N1						IS2	V/V	111	51925	187	5.04
ASA_WVS_1PNPDE20120202_221515_000007643111_00187_51925_6801.N1						IS2	V/V	111	51925	187	5.04
ASA_WVS_1PNPDE20120202_224157_000001653111_00188_51926_6803.N1						IS2	V/V	111	51926	188	5.04
ASA_WVS_1PNPDE20120202_230105_000013793111_00188_51926_6805.N1						IS2	V/V	111	51926	188	5.04
ASA_WVS_1PNPDE20120202_233037_000003153111_00188_51926_6807.N1						IS2	V/V	111	51926	188	5.04
ASA_WVS_1PNPDE20120202_234928_000005093111_00188_51926_6809.N1						IS2	V/V	111	51926	188	5.04
ASA_WVS_1PNPDE20120202_235658_000015443111_00188_51926_6827.N1						IS2	V/V	111	51926	188	5.04
ASA_WVS_1PNPDE20120202_234928_000005093111_00188_51926_6809.N1						IS1	V/V	111	51926	188	5.04

