



Analysis from 29-MAR-2012 00:00:00 to 29-MAR-2012 23:59:59. Page generated on 30-MAR-2012 06:31:42.
View log file: ASAR_Daily_Report_20120330_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.

SUMMARY

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

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

| WVS | | | | GM1 | | | | APM | | | | IMM | | | | WSM | | | | MS | | | |
|--------|------|-----|----|--------|------|-----|----|--------|------|-----|---|--------|------|-----|---|--------|------|-----|----|--------|---------------------|-----|---------|
| Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Beam | Pol | # | Center | Time | Pol | Modules |
| PDE | IS2 | V/V | 28 | PDE | WS | H/H | 35 | PDE | IS1 | V/H | 3 | PDE | IS2 | V/V | 1 | PDE | WS | H/H | 26 | PDK | 2012-03-29 17:41:05 | H | 320 |
| PDK | IS2 | V/V | 25 | PDK | WS | H/H | 45 | PDE | IS2 | V/H | 1 | PDE | IS3 | V/V | 1 | PDE | WS | V/V | 5 | PDK | 2012-03-29 19:21:19 | V | 320 |
| | | | | | | | | PDE | IS4 | H/V | 2 | PDE | IS6 | H/H | 9 | PDK | WS | H/H | 11 | | | | |
| | | | | | | | | PDE | IS7 | H/H | 1 | PDK | IS6 | H/H | 3 | | | | | | | | |
| | | | | | | | | PDK | IS1 | V/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](#)]

| ADFs disseminated for ASAR |
|---|
| ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000 |
| ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959 |
| ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000 |
| ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000 |

2.2 - Products with wrong ADFs

[[BACK TO MENU](#)]

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

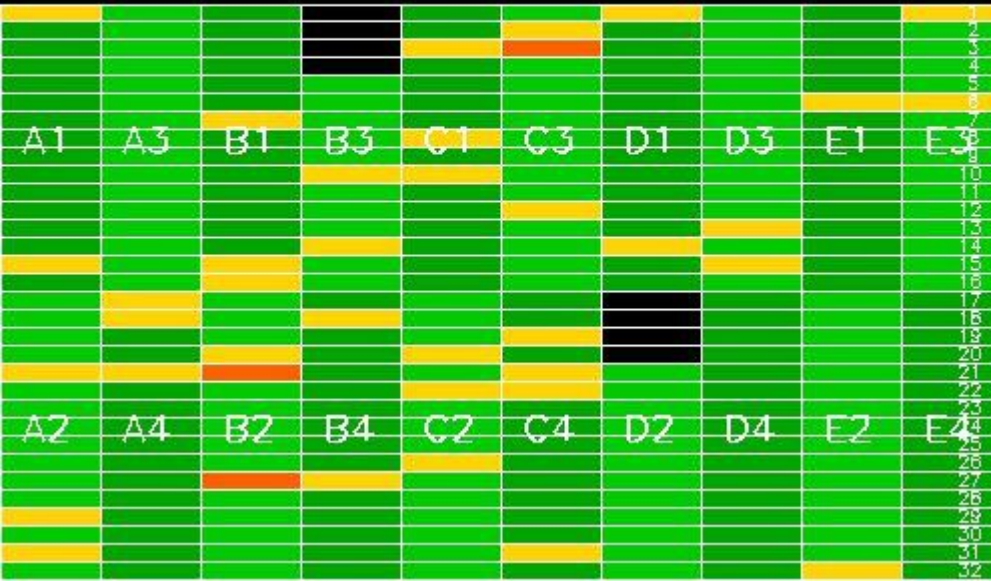
[TXT] [XLS] [Check_ADFs_WVS](#)
 [TXT] [XLS] [Check_ADFs_GM1](#)
 [TXT] [XLS] [Check_ADFs_APM](#)
 [TXT] [XLS] [Check_ADFs_IMM](#)
 [TXT] [XLS] [Check_ADFs_WSM](#)

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2012-03-29 19:21:19 V



PREVIOUS PRODUCT REFERENCE

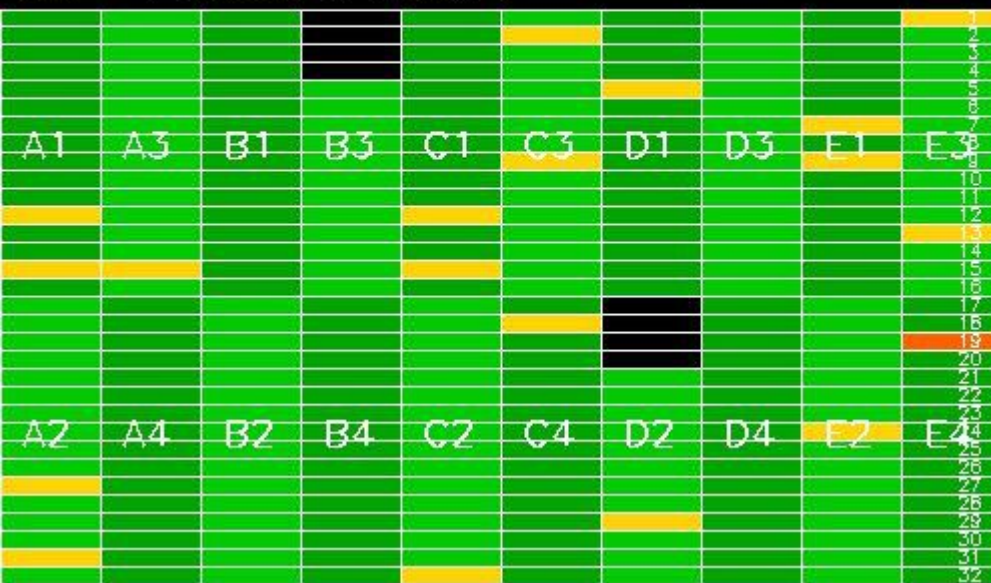
Previous product in the same polarisation

Reference: 2012-03-20 06:29:30 V RxGain
 Test : 2012-03-29 19:21:19 V



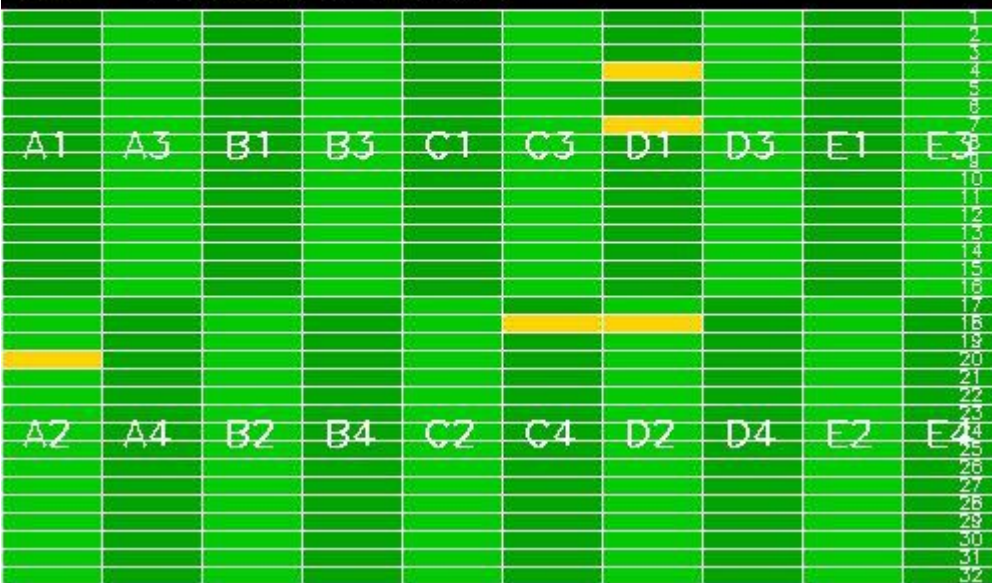
Reference: 2001-02-09 14:08:23 V RxPhase

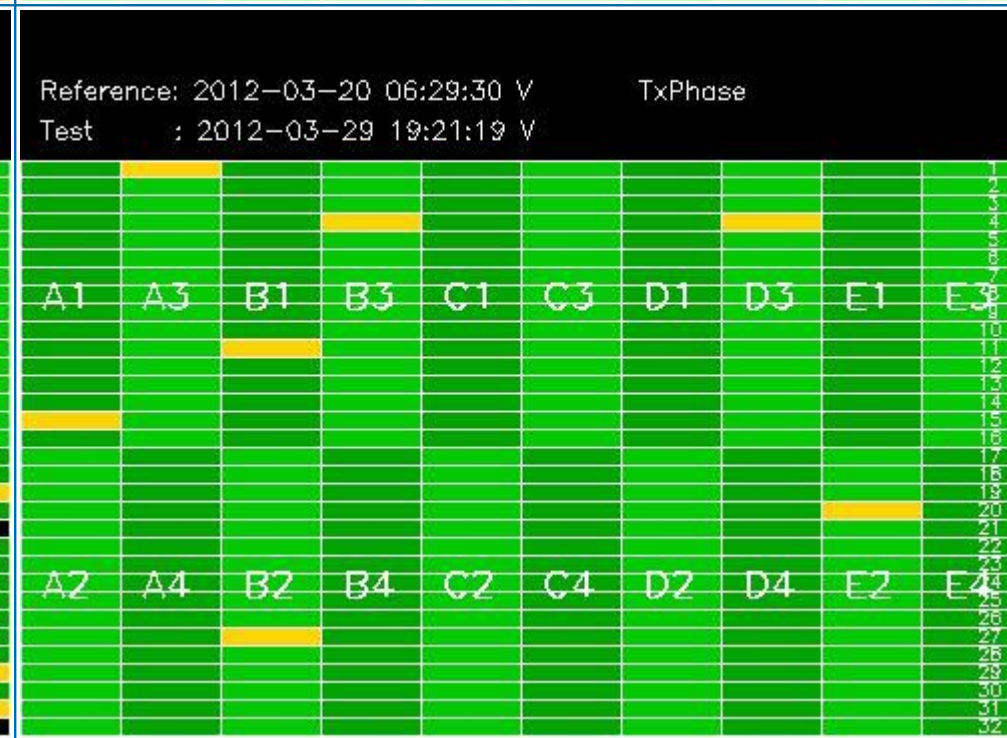
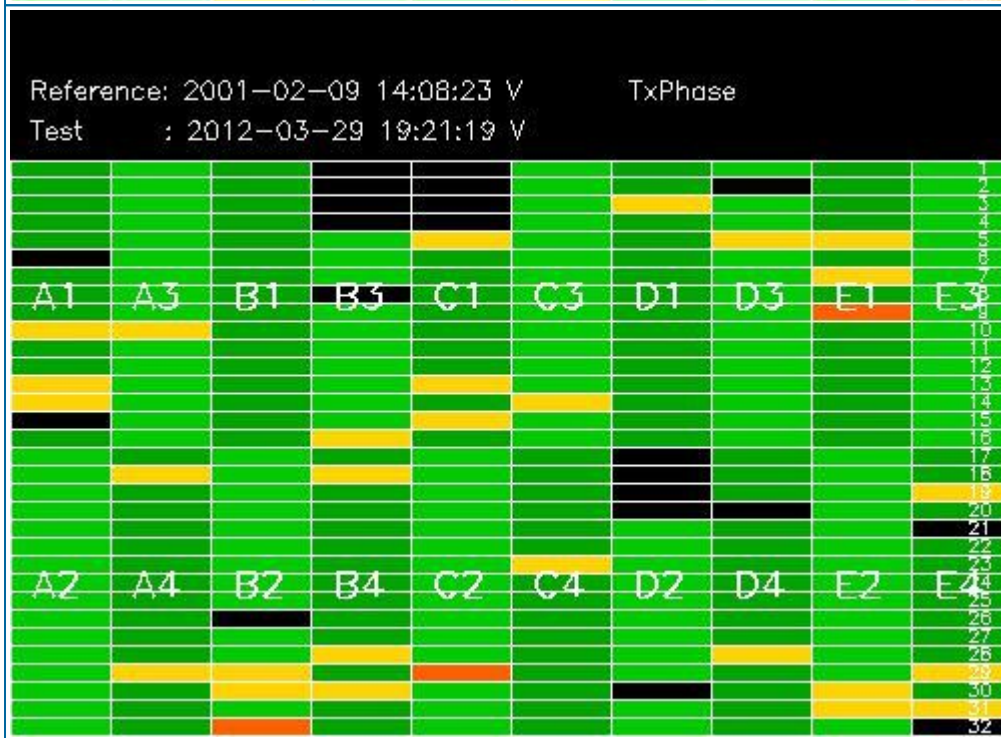
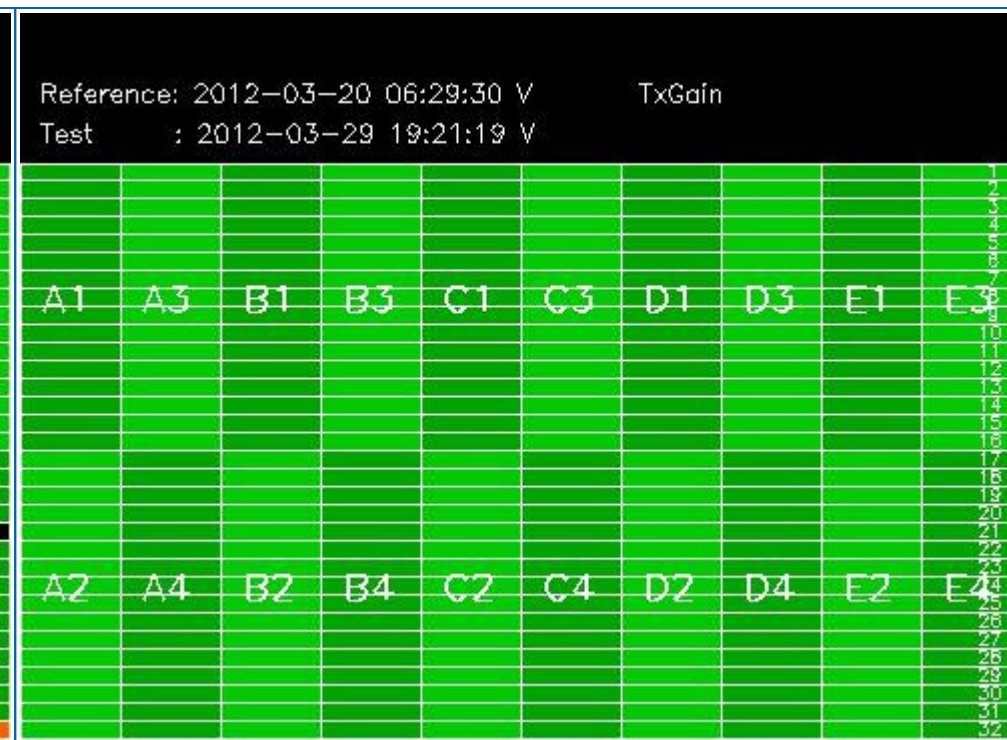
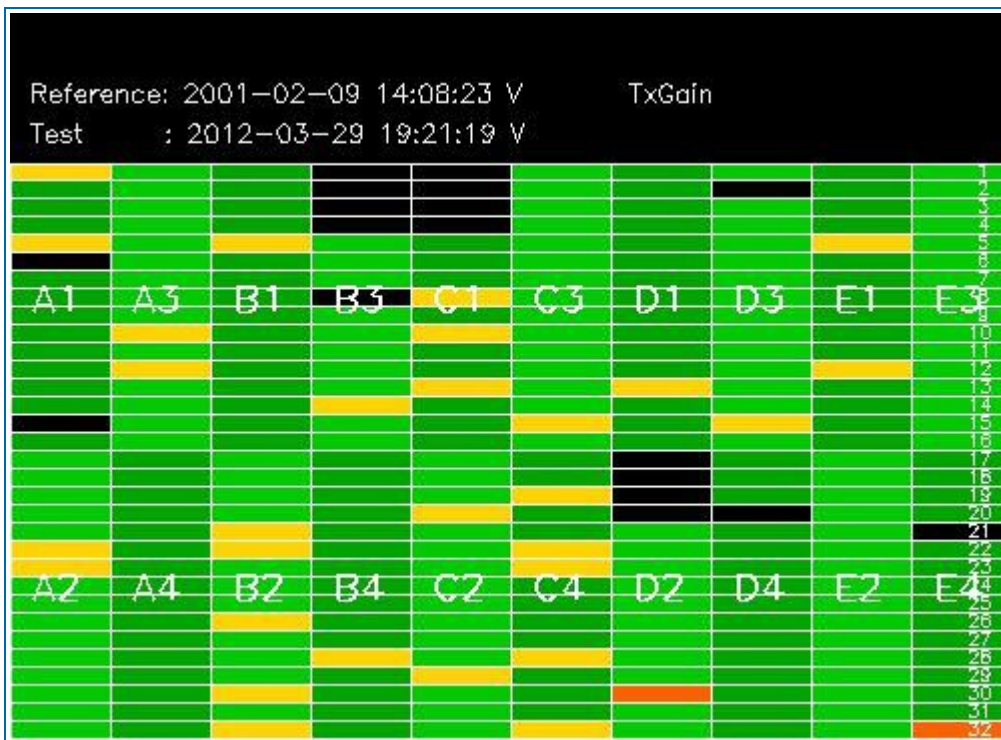
Test : 2012-03-29 19:21:19 V



Reference: 2012-03-20 06:29:30 V RxPhase

Test : 2012-03-29 19:21:19 V

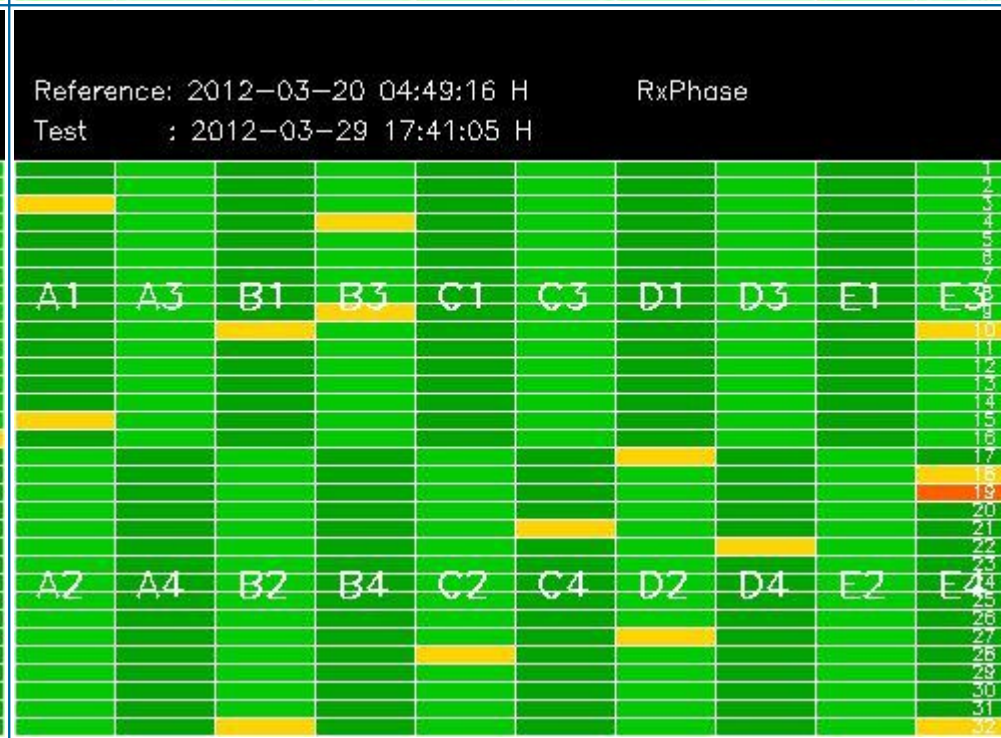
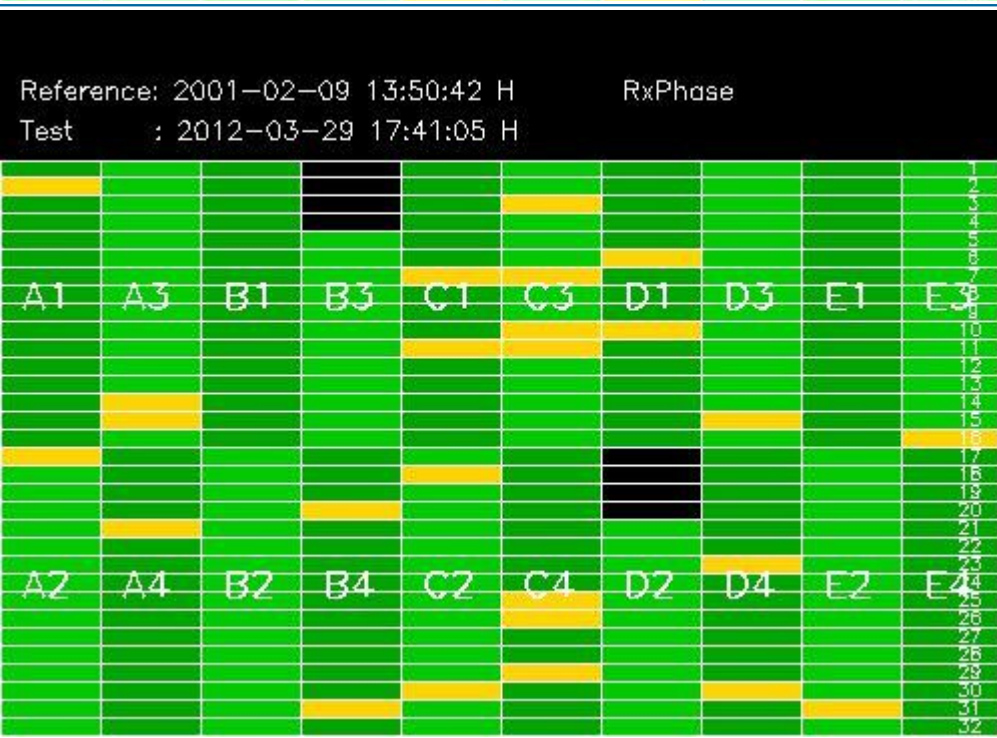
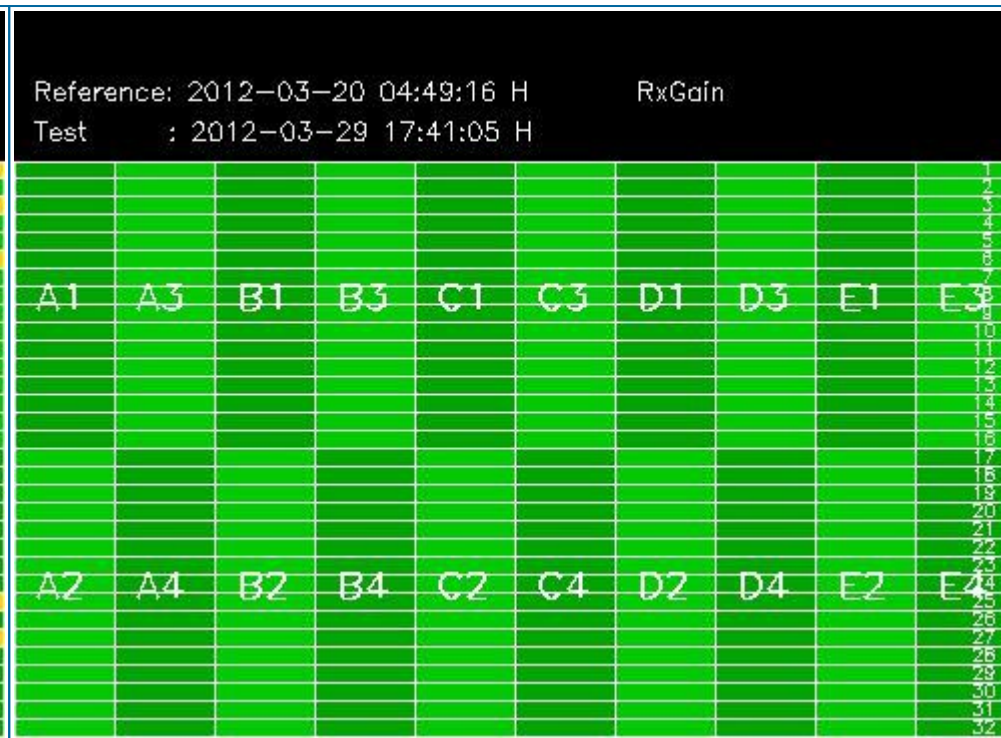
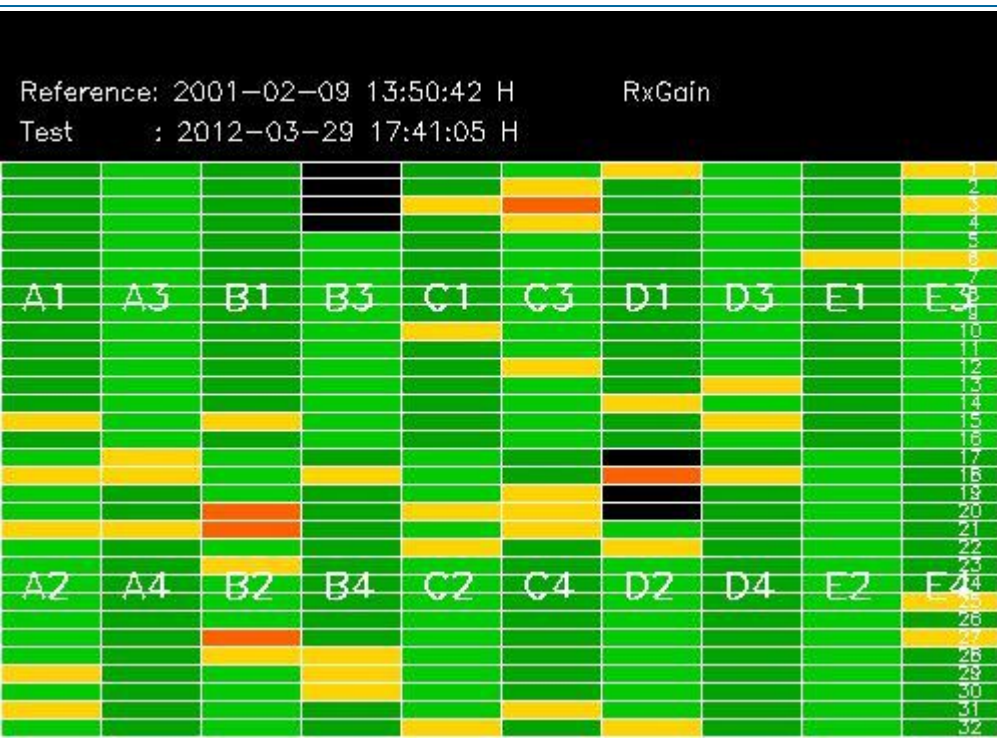


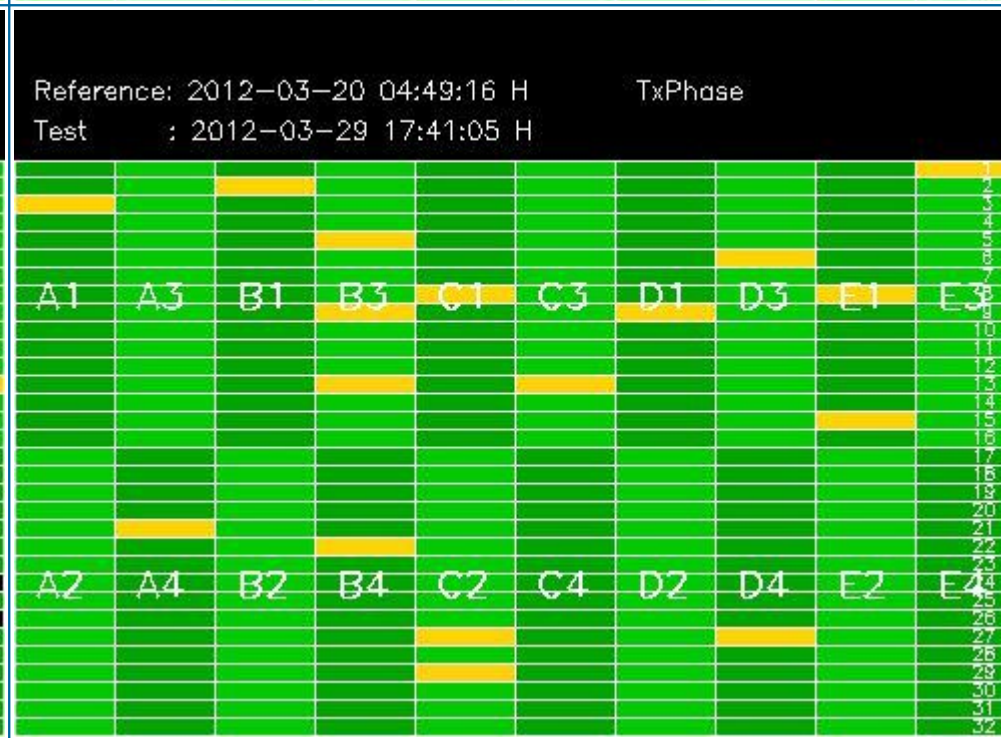
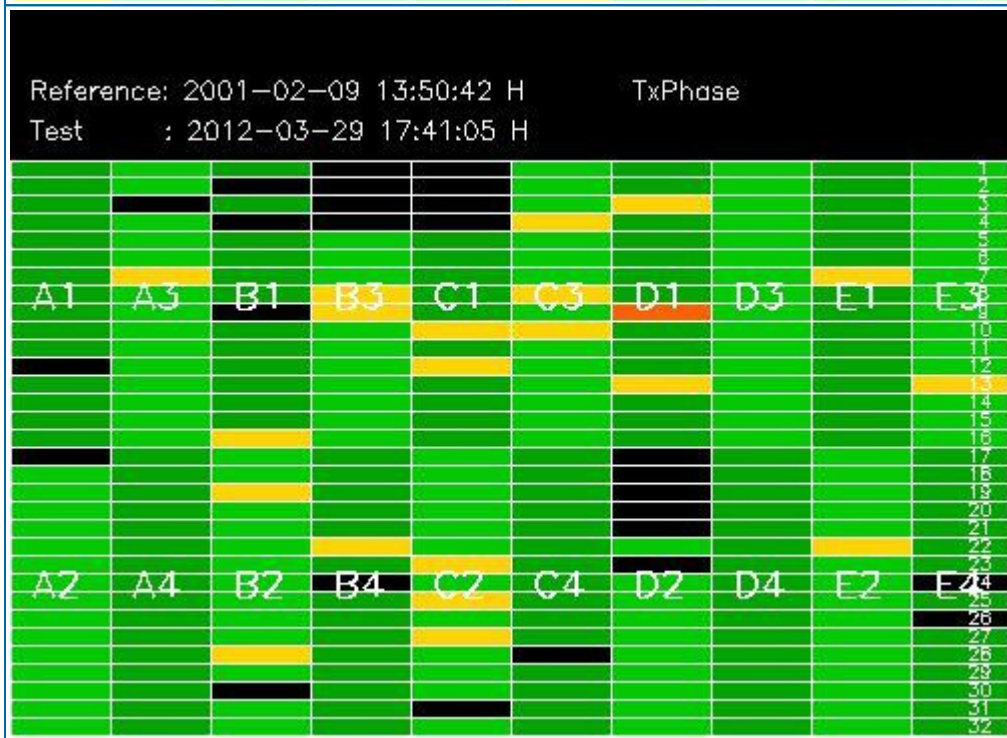
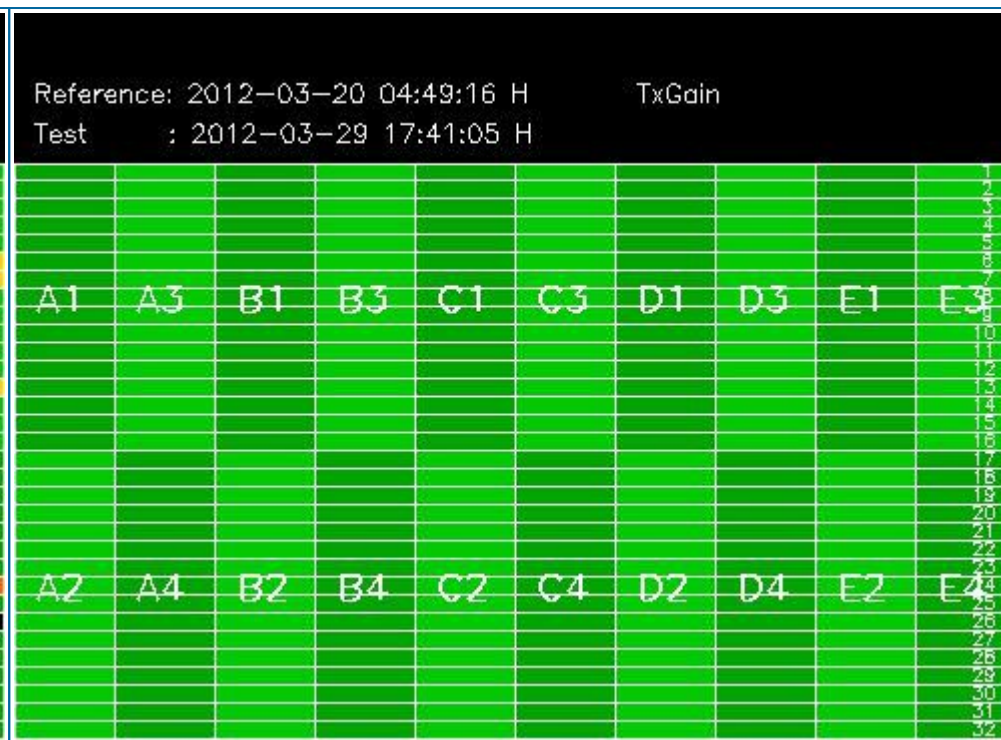
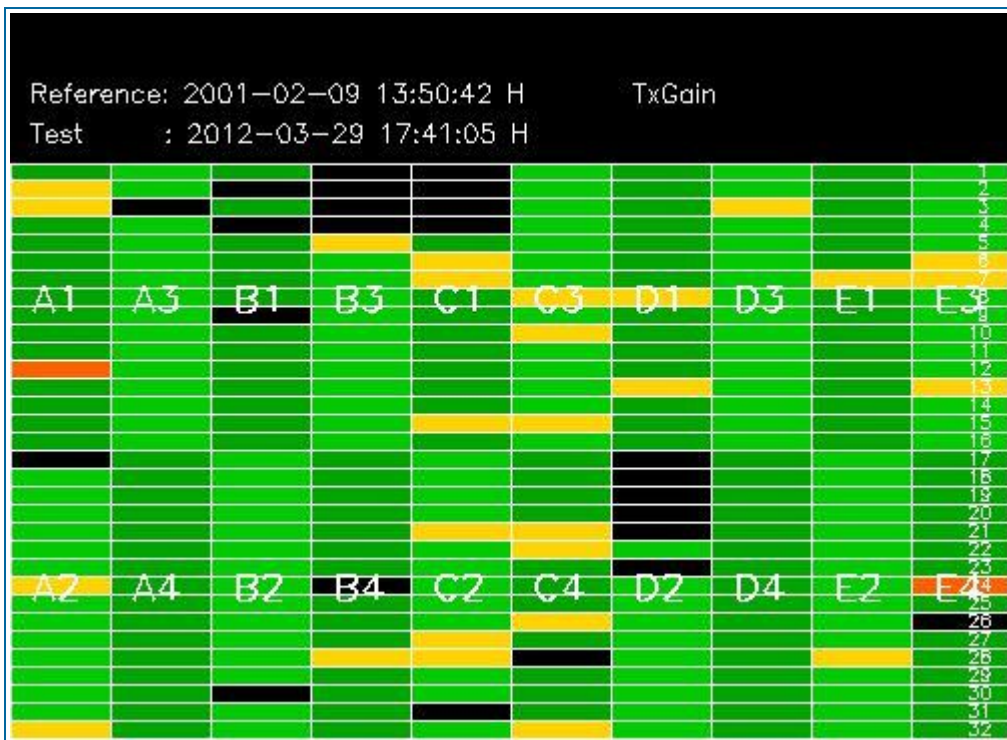


3.2 - H/H polarisation

[[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

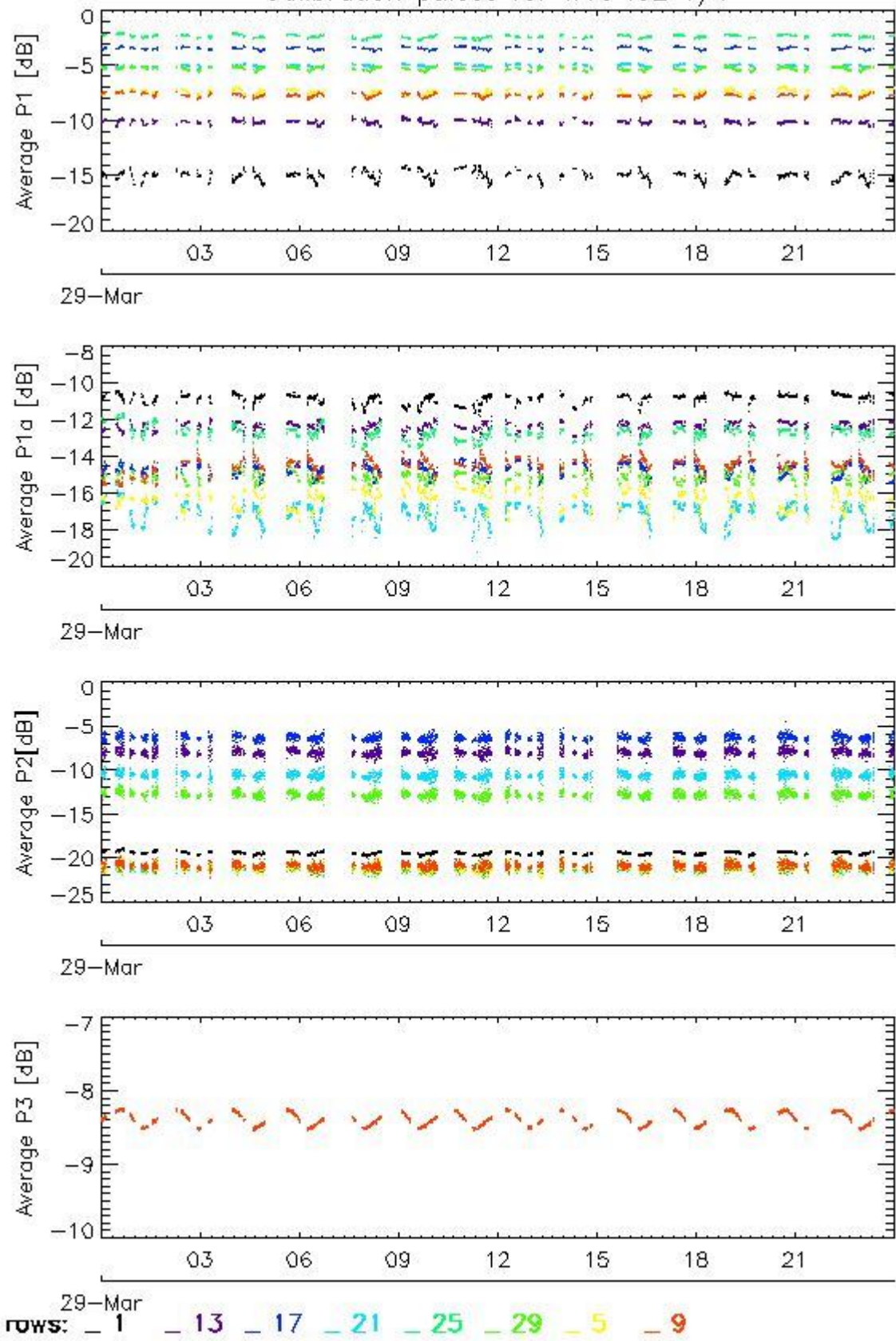
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

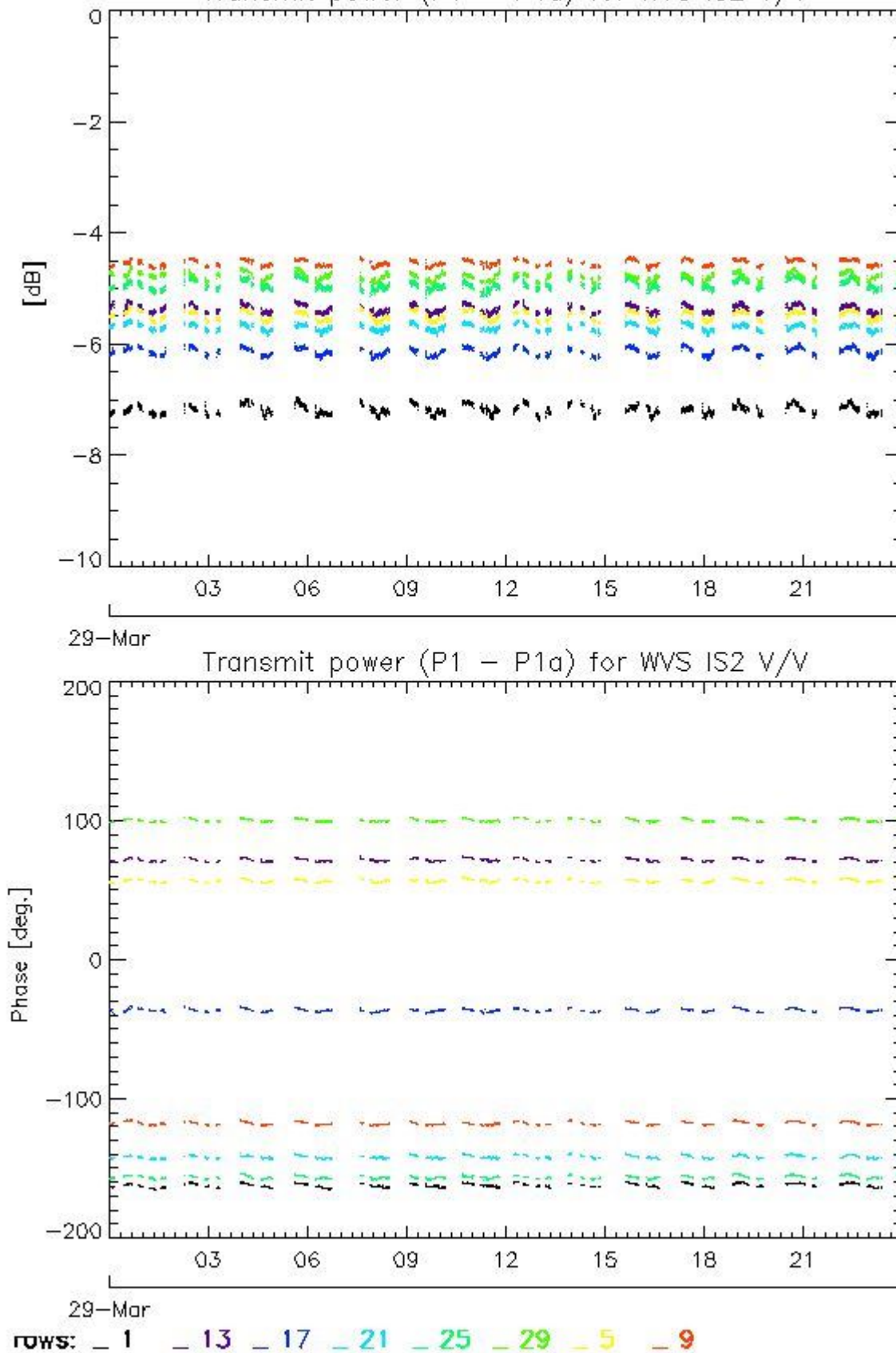
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



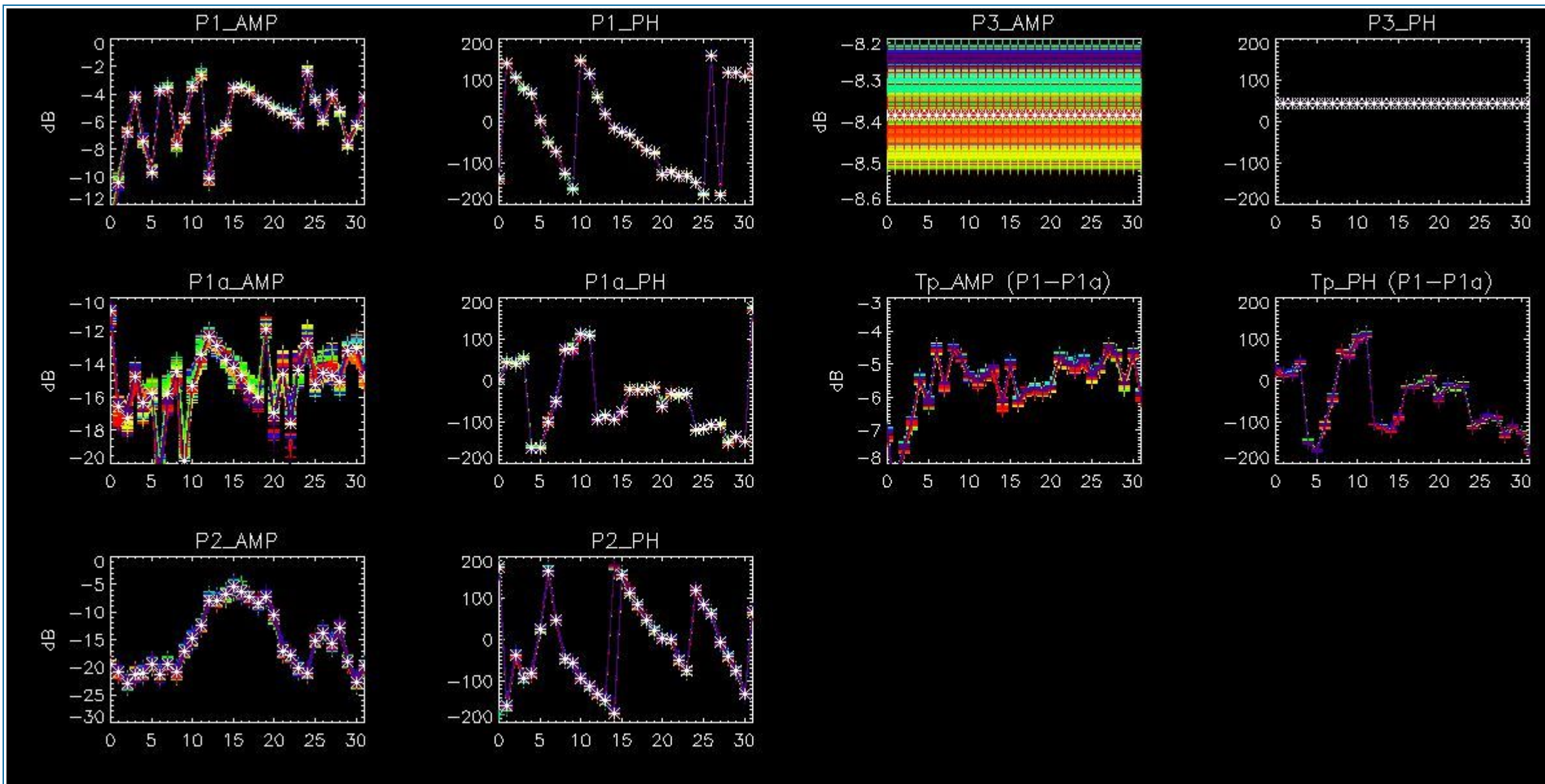
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]





4.2 - Analysis for GM1 SS3 H/H

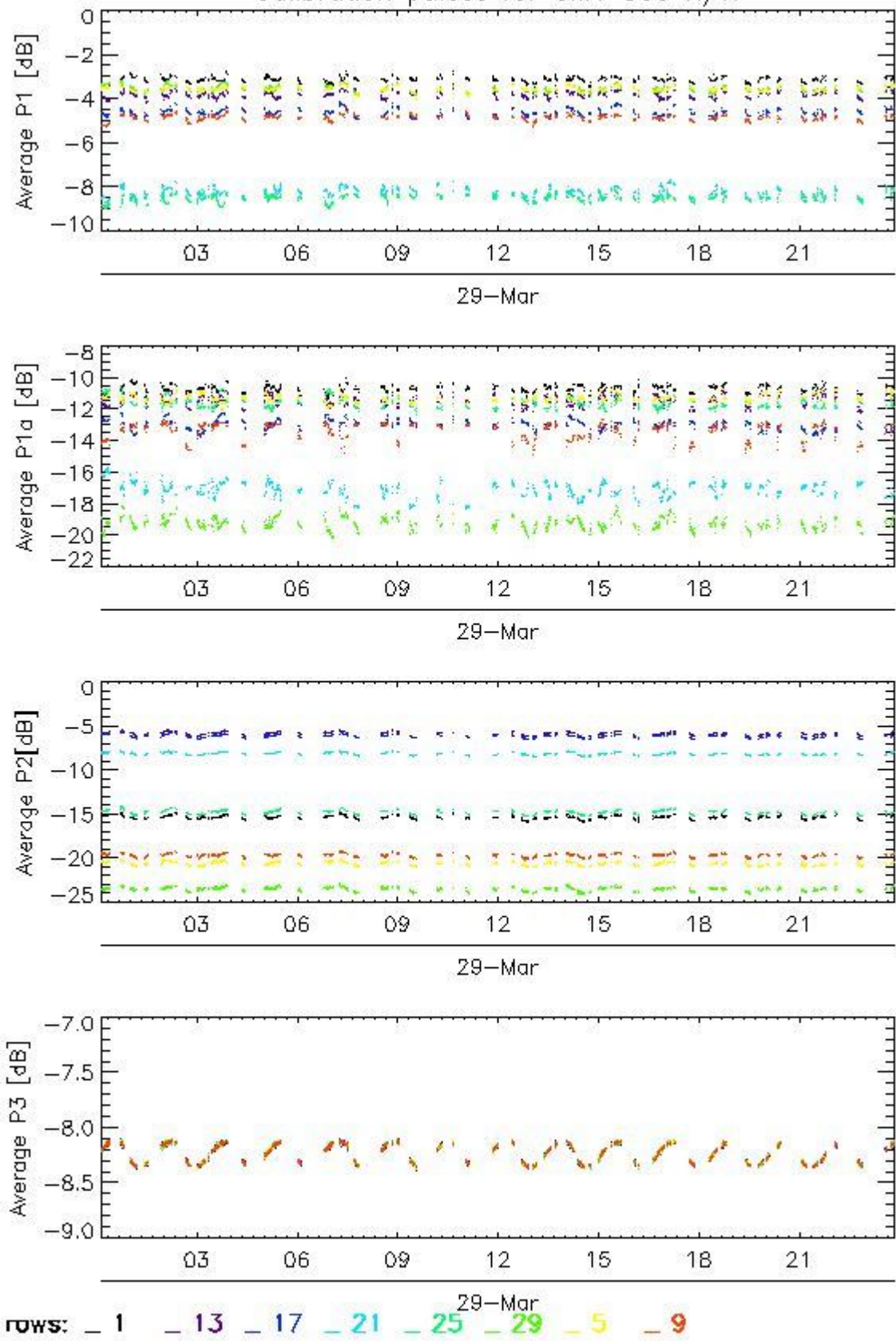
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

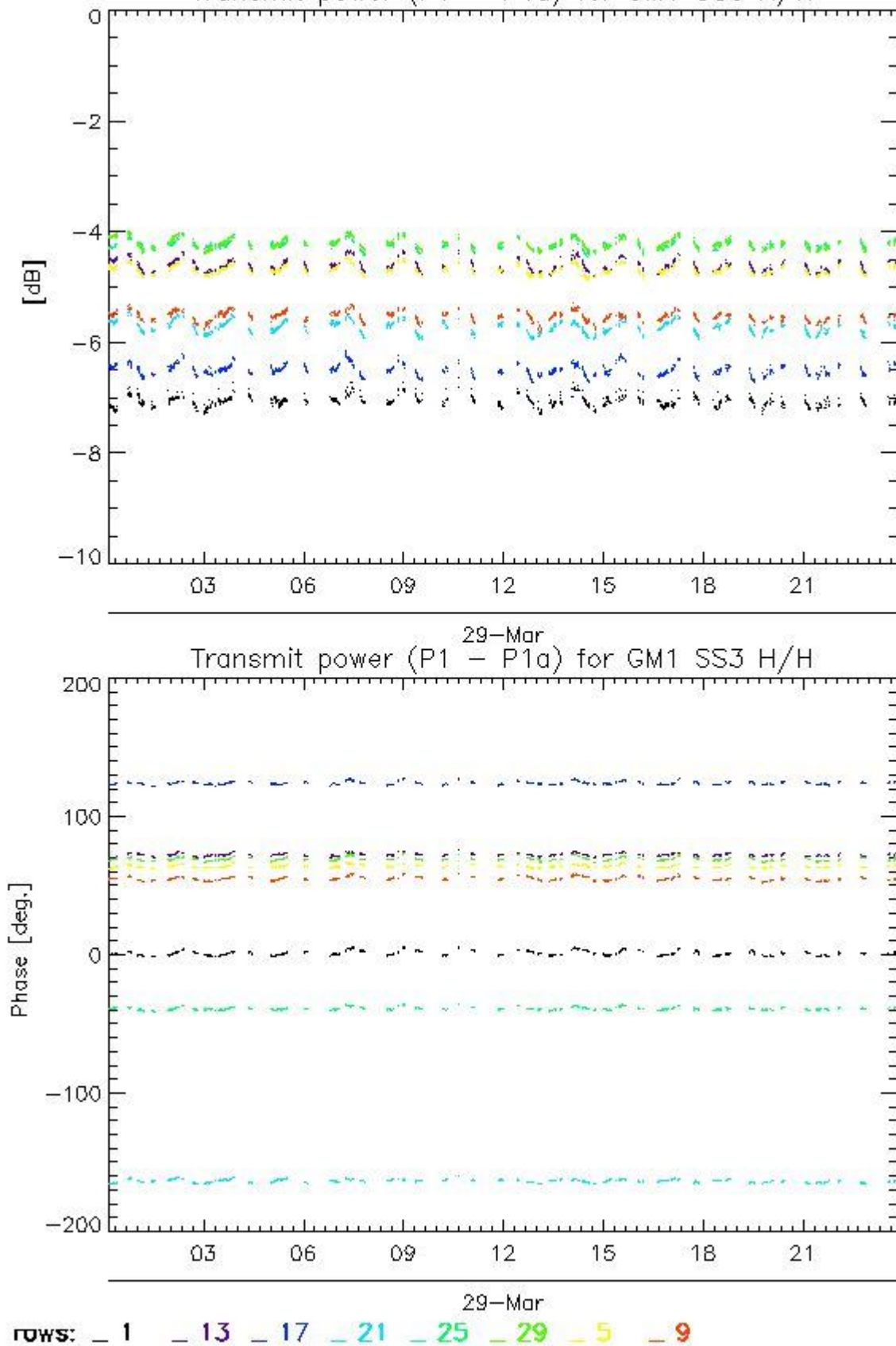
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



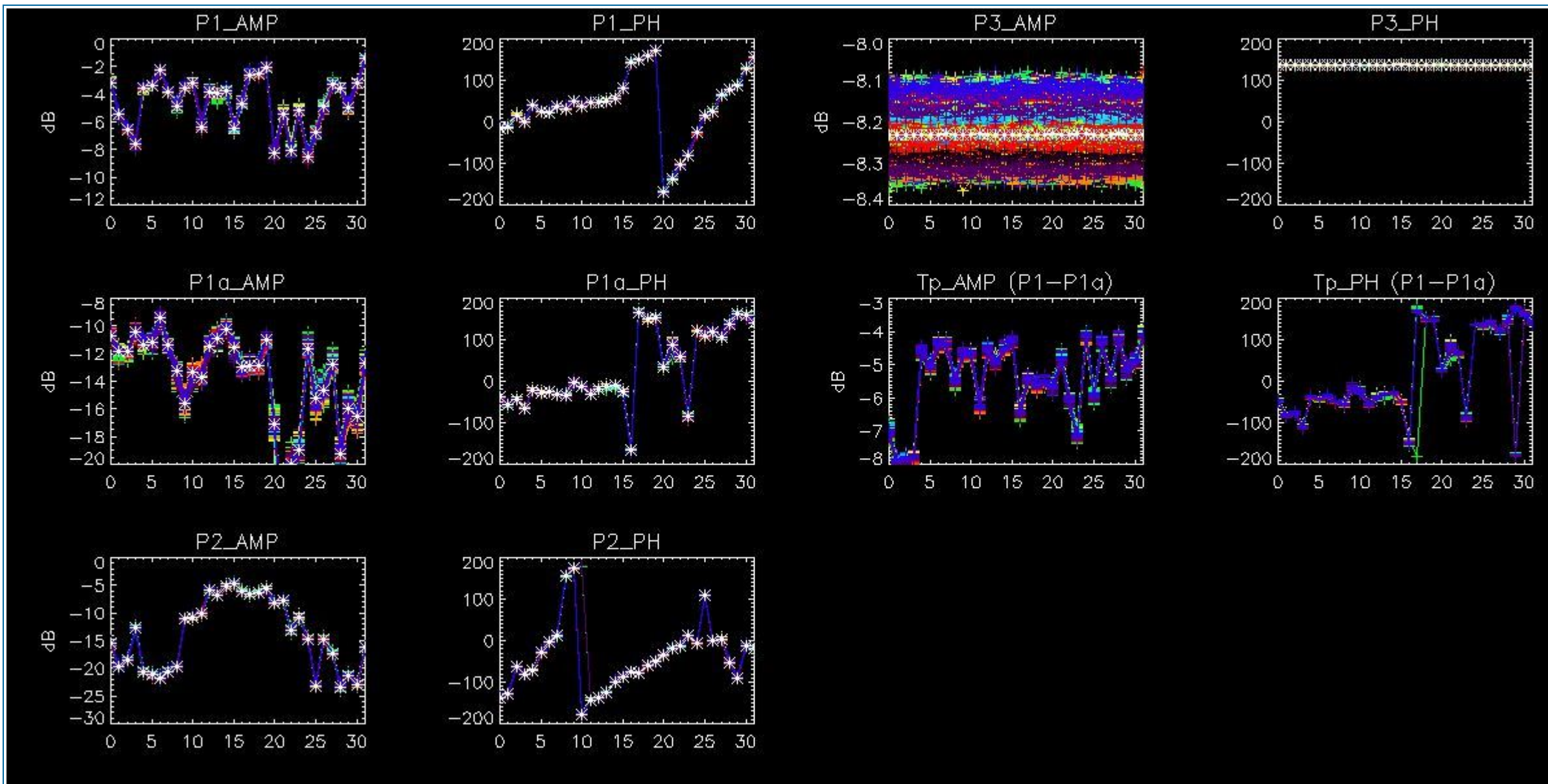
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





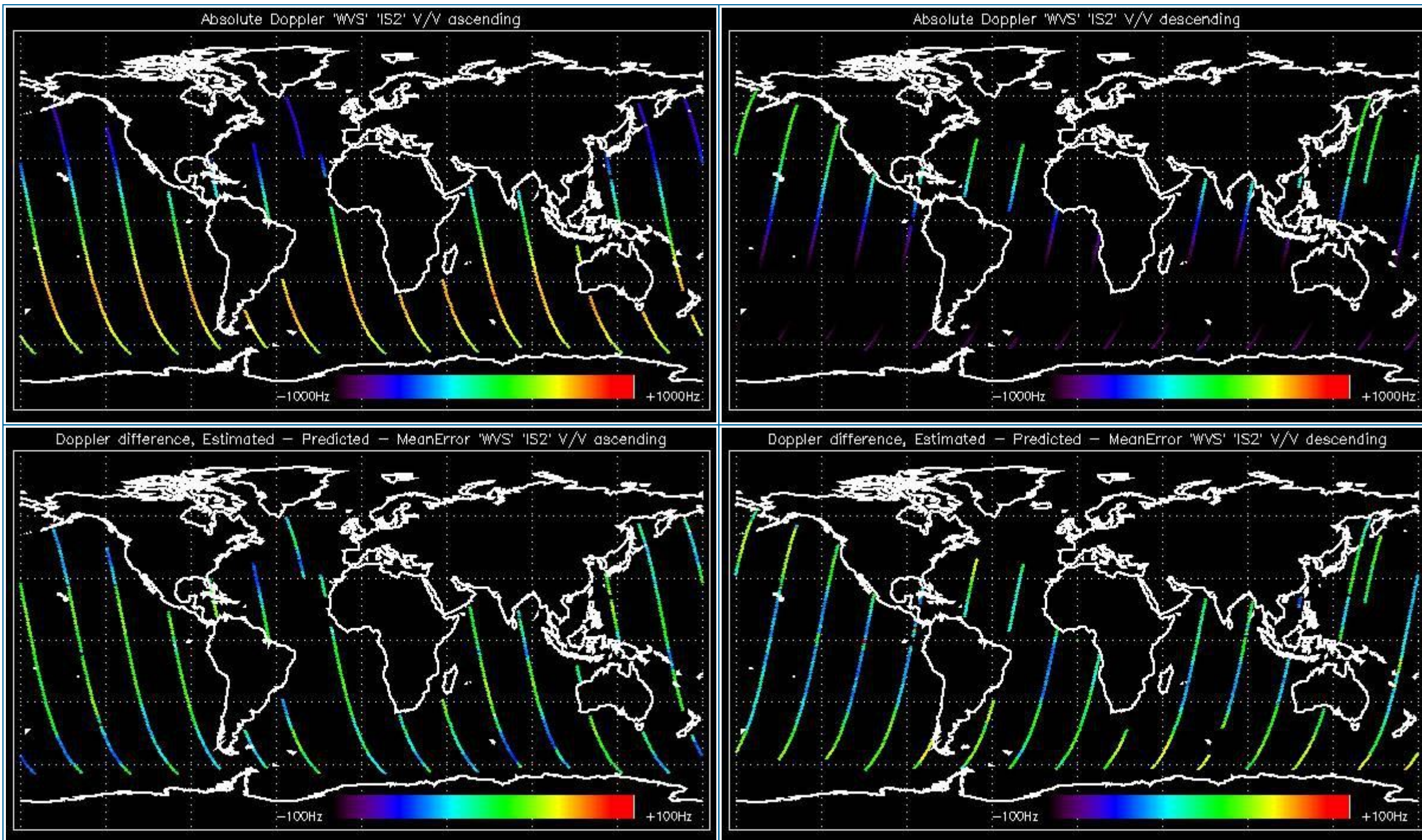
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

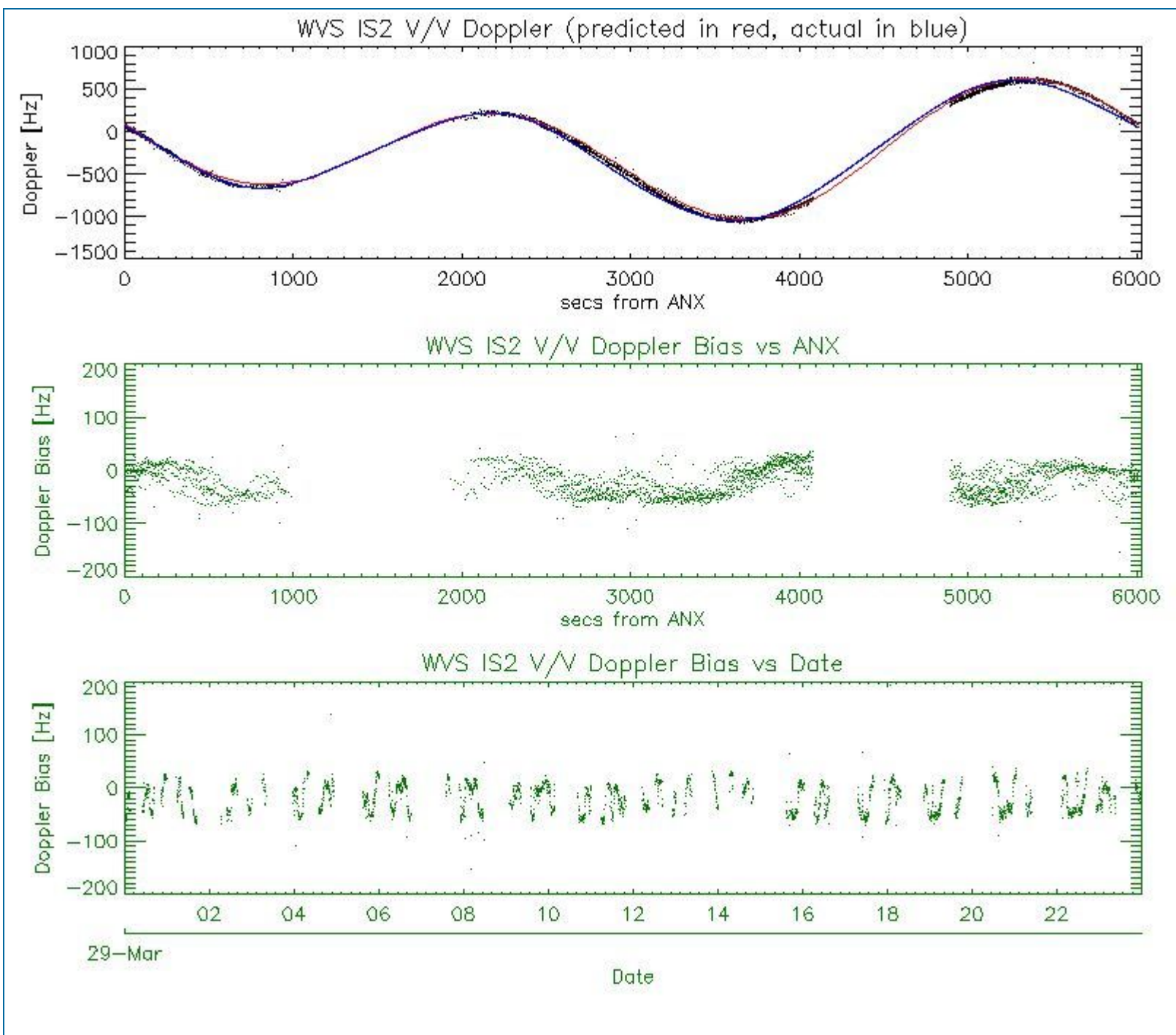




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



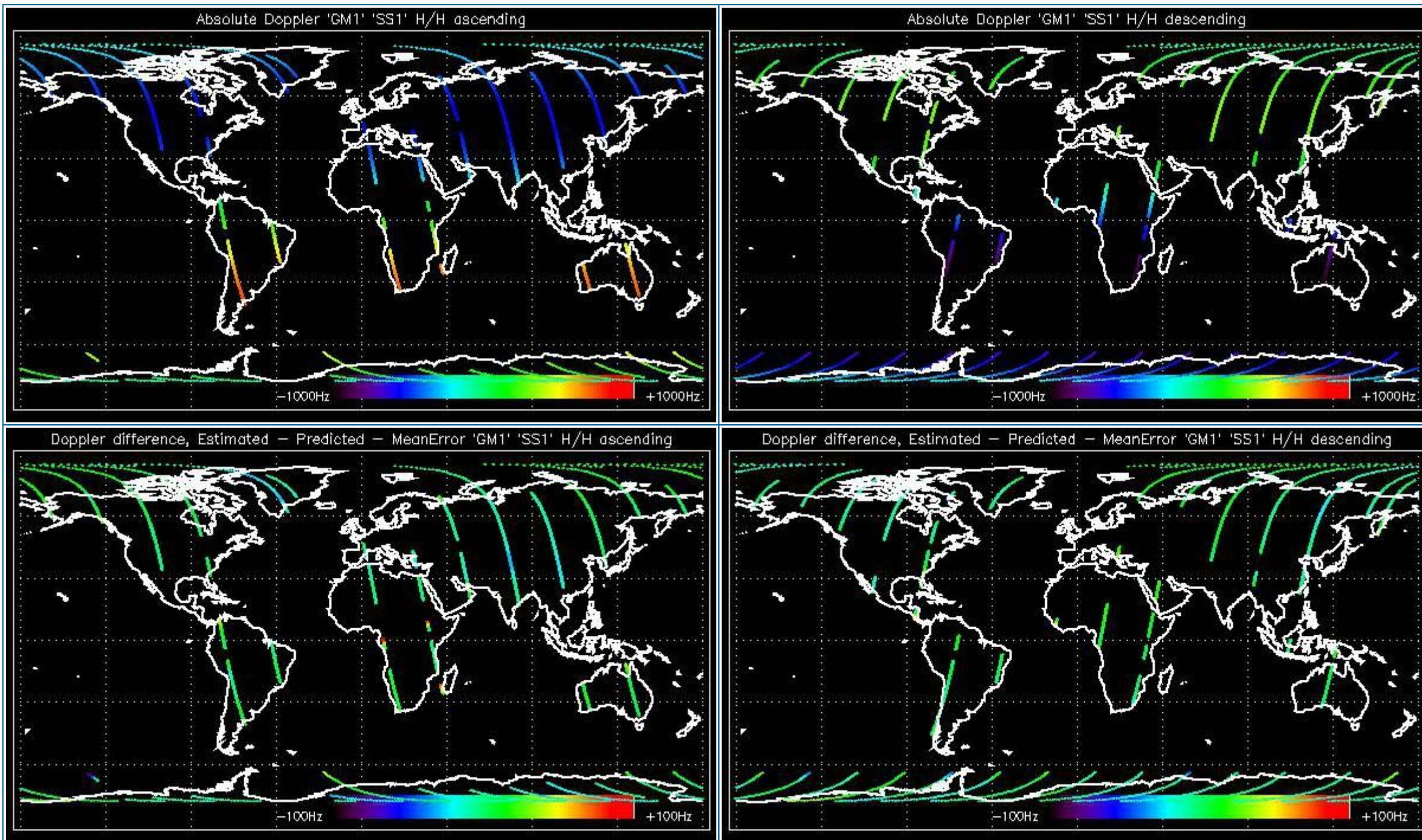


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

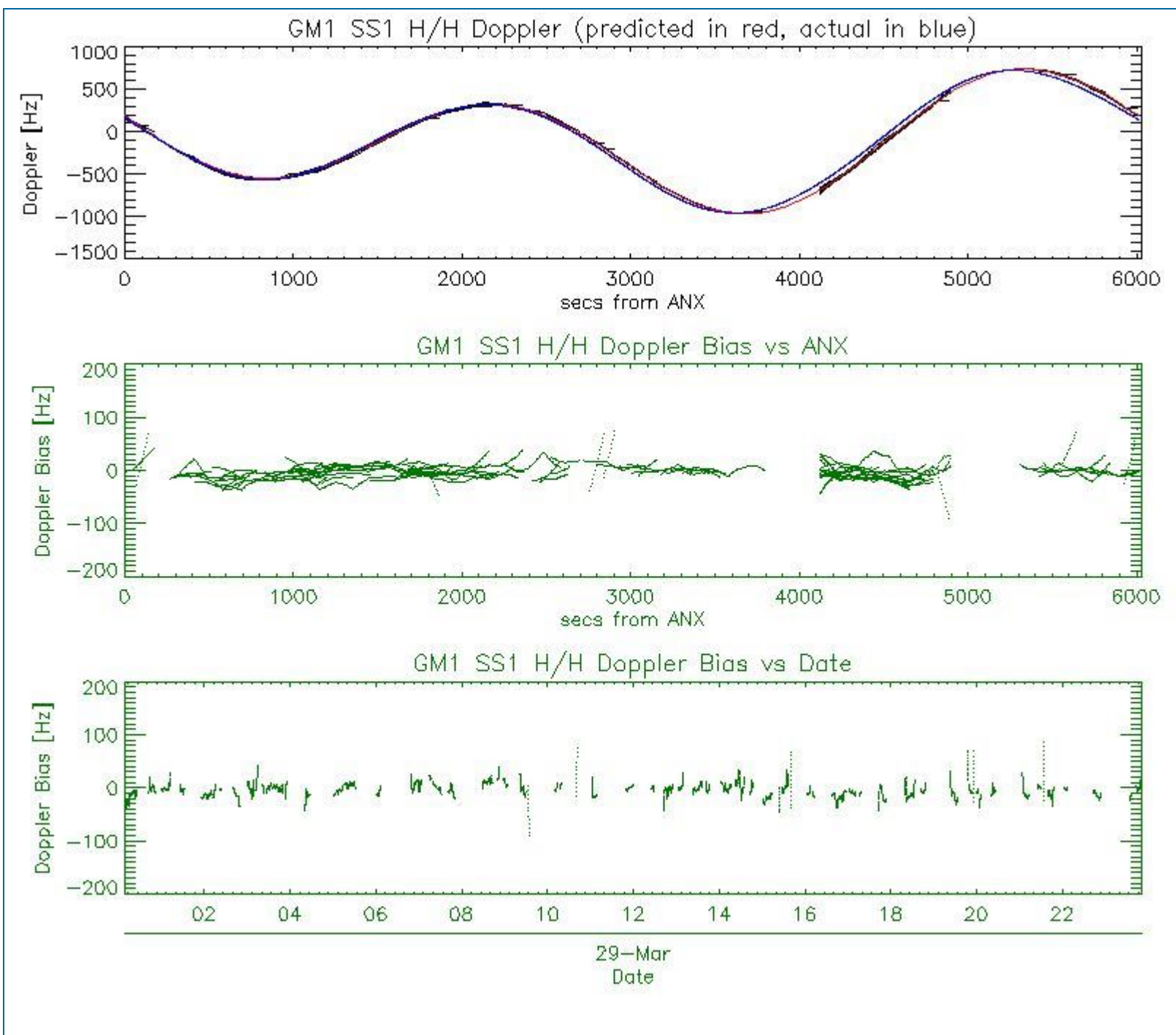




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

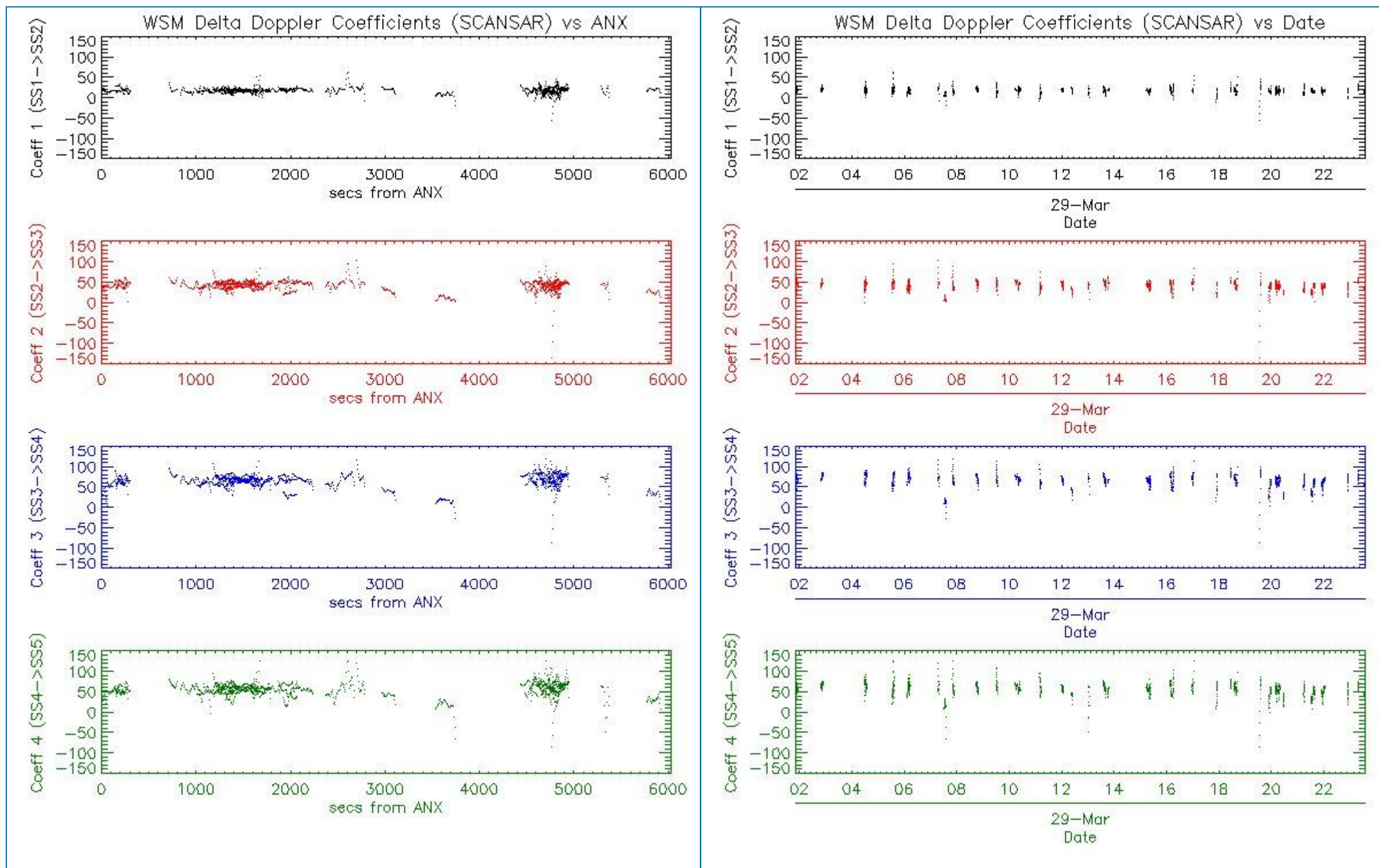




5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]

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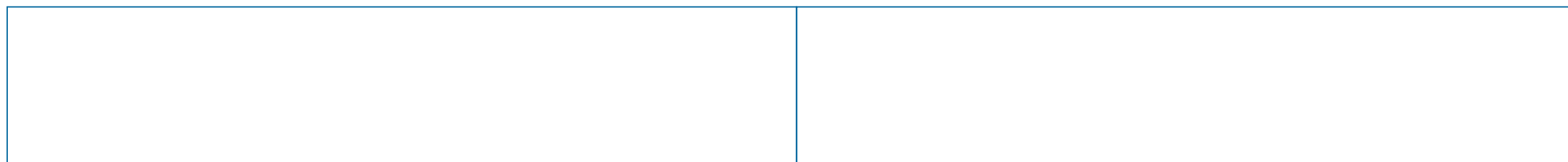


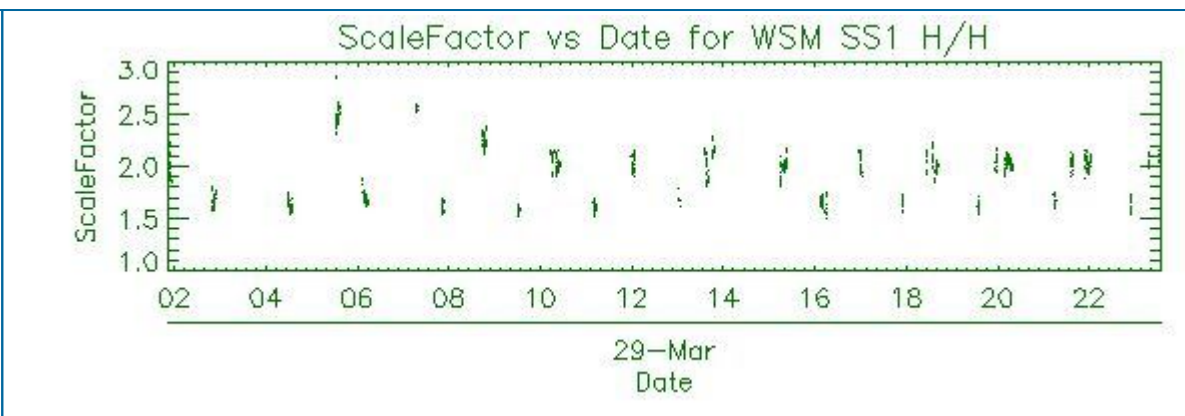
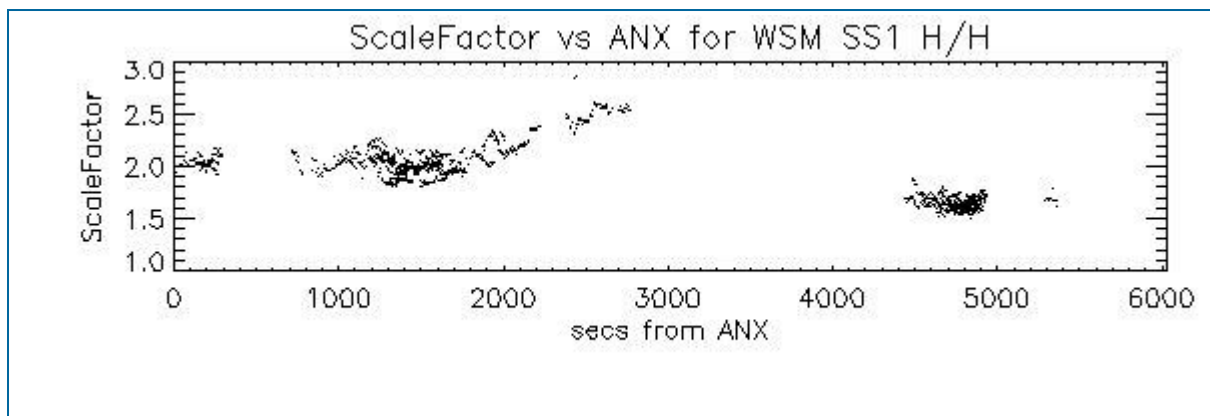
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

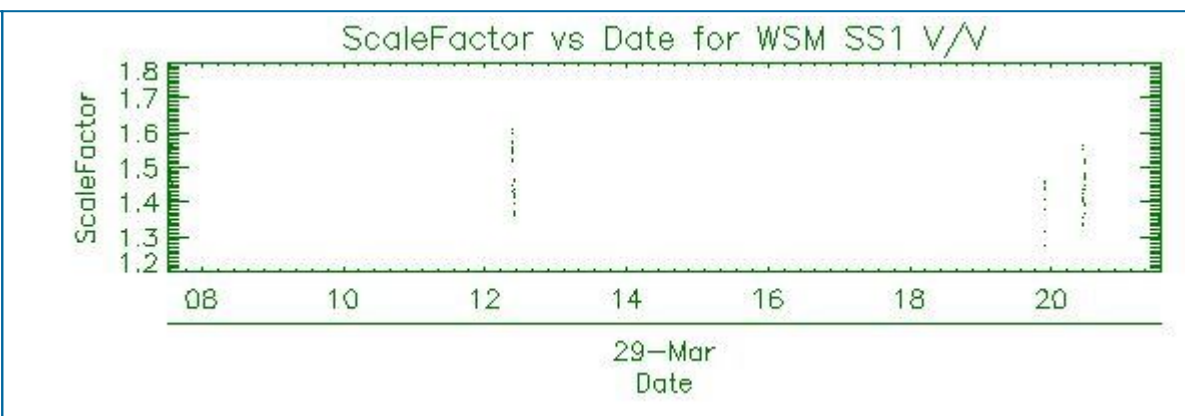
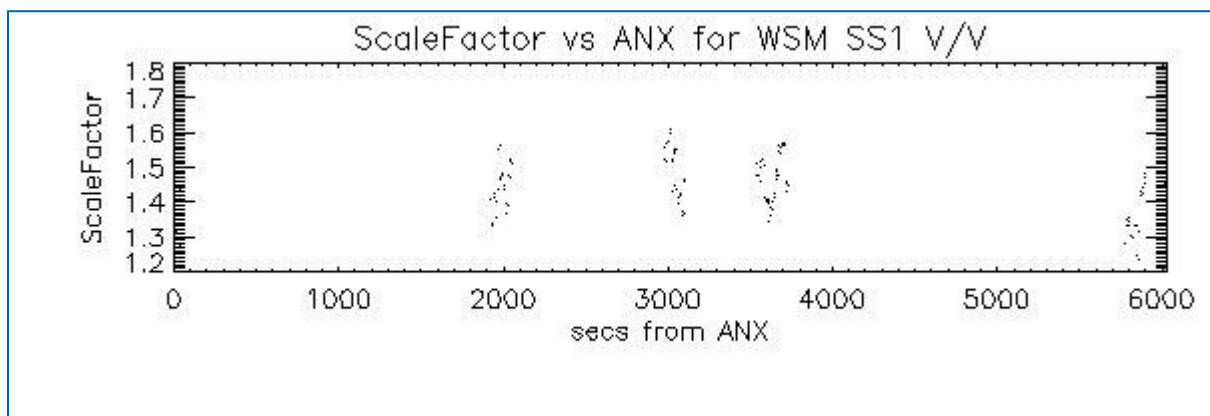




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

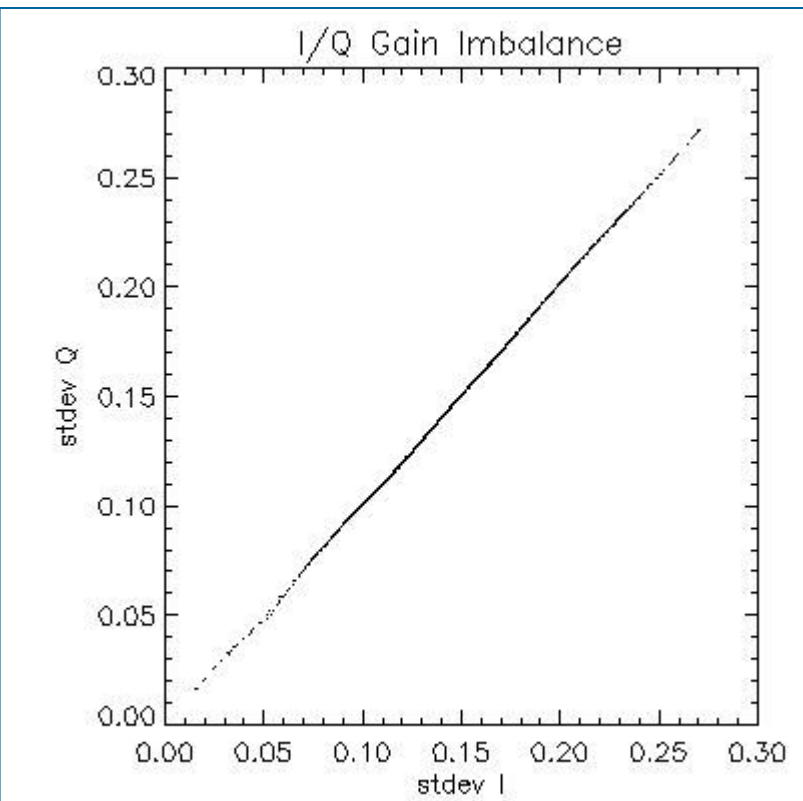
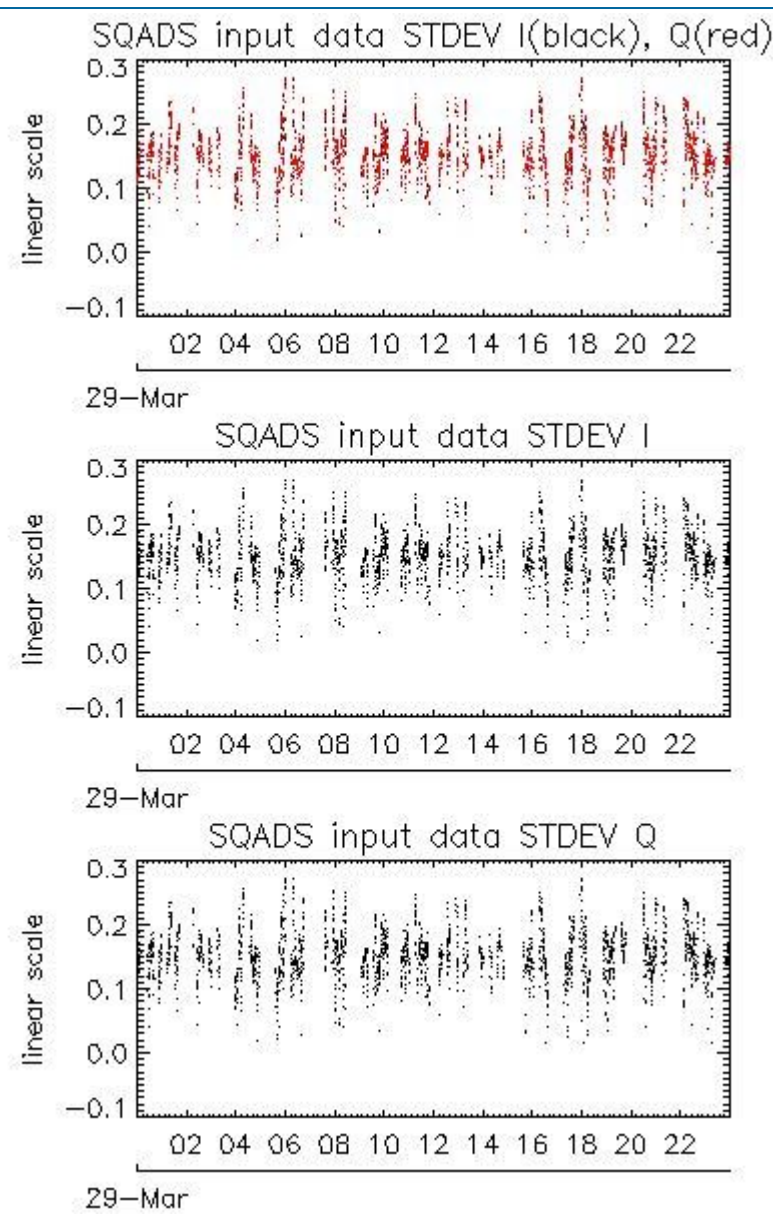
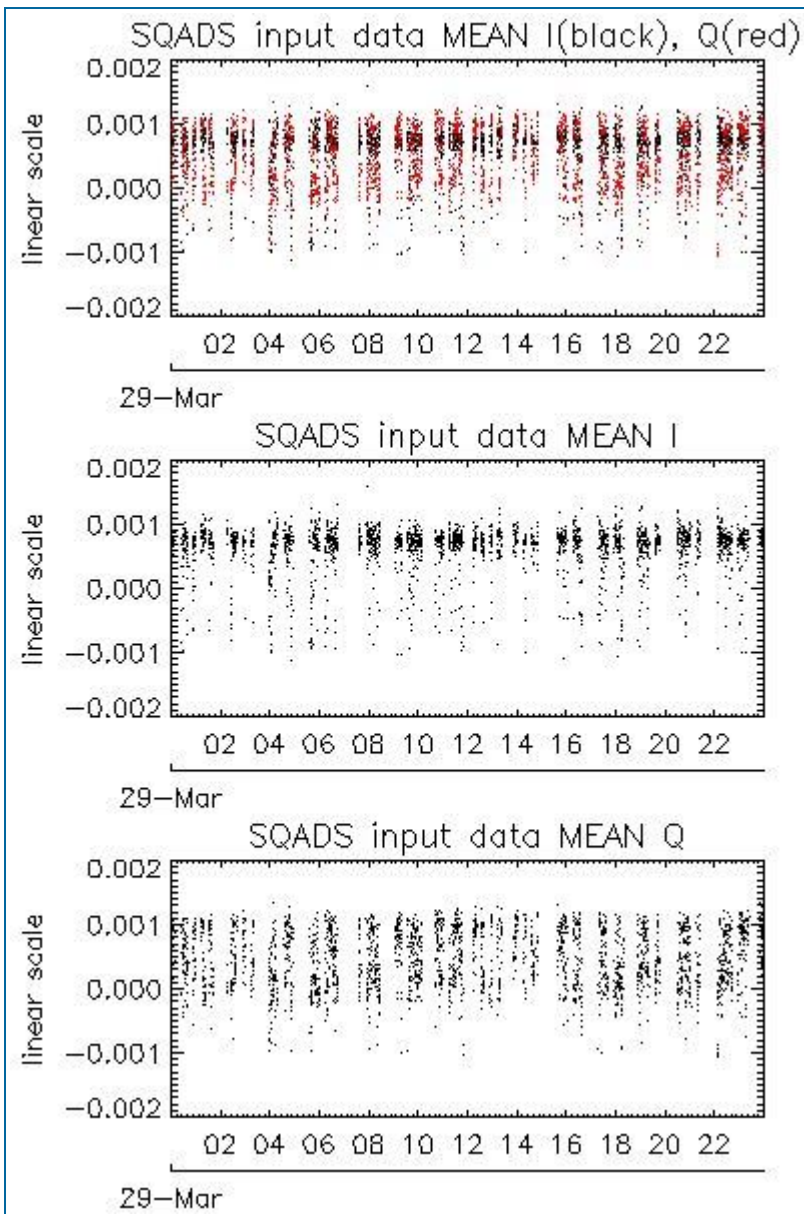


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

| | | |
|--|--|--|
| | | |
|--|--|--|

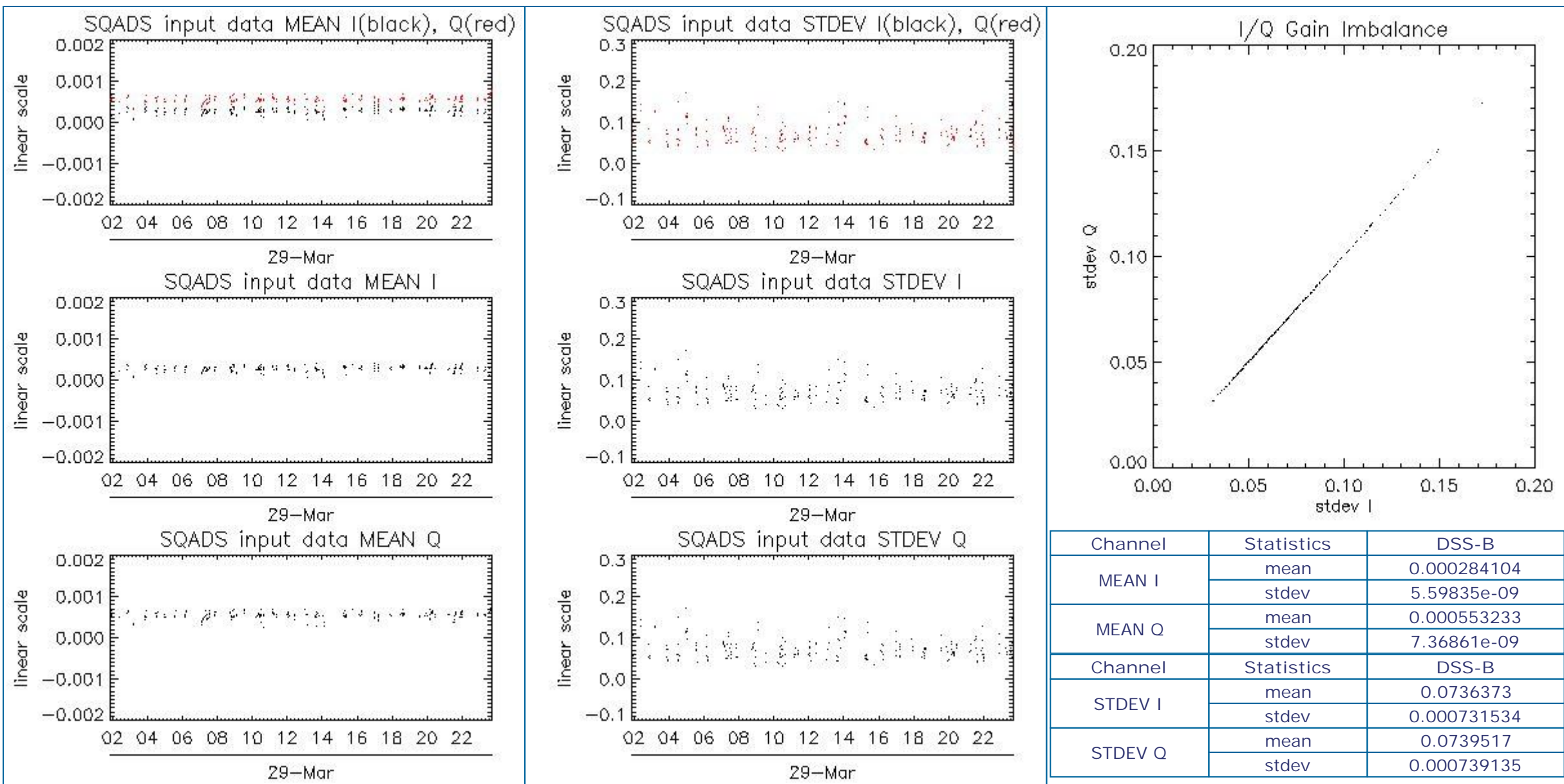


| Channel | Statistics | DSS-B |
|---------|------------|-------------|
| MEAN I | mean | 0.000616726 |
| | stdev | 1.60296e-07 |
| MEAN Q | mean | 0.000474204 |
| | stdev | 2.18605e-07 |
| Channel | Statistics | DSS-B |
| STDEV I | mean | 0.150349 |
| | stdev | 0.00151019 |
| STDEV Q | mean | 0.150959 |
| | stdev | 0.00153901 |

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



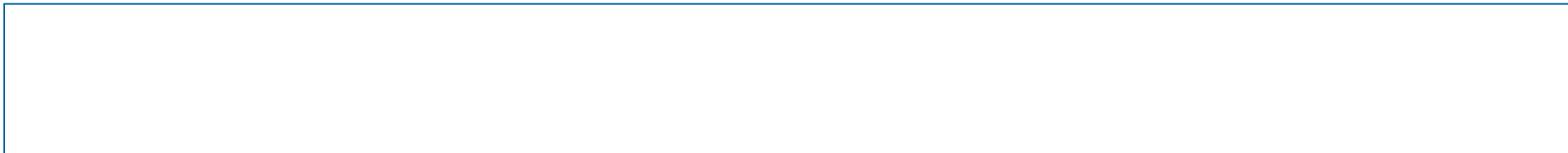


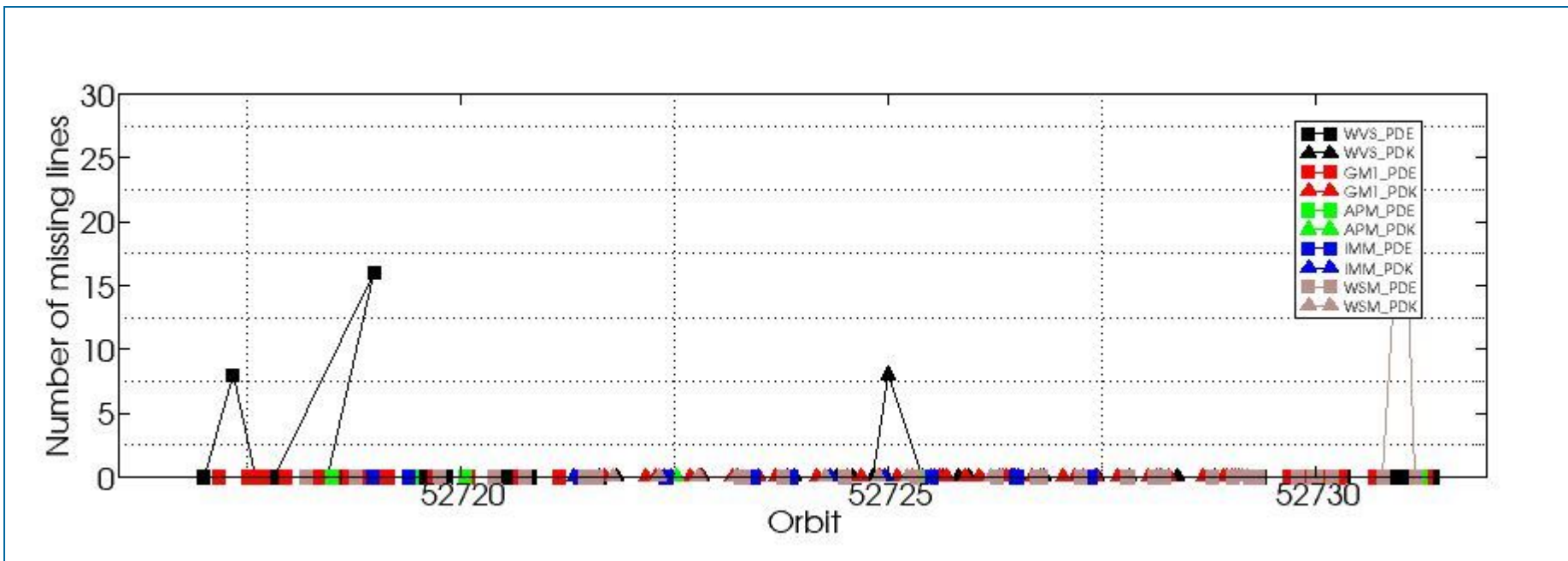
8 - TELEMETRY ANALYSIS

| Processing Center | Product | Gaps | Missing lines |
|-------------------|--|------|---------------|
| PDE | ASA_WVS_1PNPDE20120329_002521_000009663113_00117_52717_7284.N1 | 0 | 8 |
| PDE | ASA_WVS_1PNPDE20120329_013149_000006143113_00118_52718_7303.N1 | 0 | 16 |
| PDE | ASA_WVS_1PNPDE20120329_035658_000007793113_00119_52719_7305.N1 | 1 | 0 |
| PDE | ASA_WVS_1PNPDE20120329_053656_000010343113_00120_52720_7360.N1 | 1 | 0 |
| PDE | ASA_WVS_1PNPDE20120329_073457_000000453113_00121_52721_7395.N1 | 1 | 0 |
| PDE | ASA_WVS_1PNPDE20120329_211621_000004053113_00129_52729_7548.N1 | 1 | 0 |
| PDE | ASA_WVS_1PNPDE20120329_225610_000005103113_00130_52730_7574.N1 | 1 | 0 |
| PDK | ASA_WVS_1PNPDK20120329_131259_000005603113_00124_52724_5118.N1 | 0 | 8 |
| PDE | ASA_WSM_1PNPDE20120329_231713_000001533113_00131_52731_7584.N1 | 0 | 26 |

8.1 - Number of Missing lines

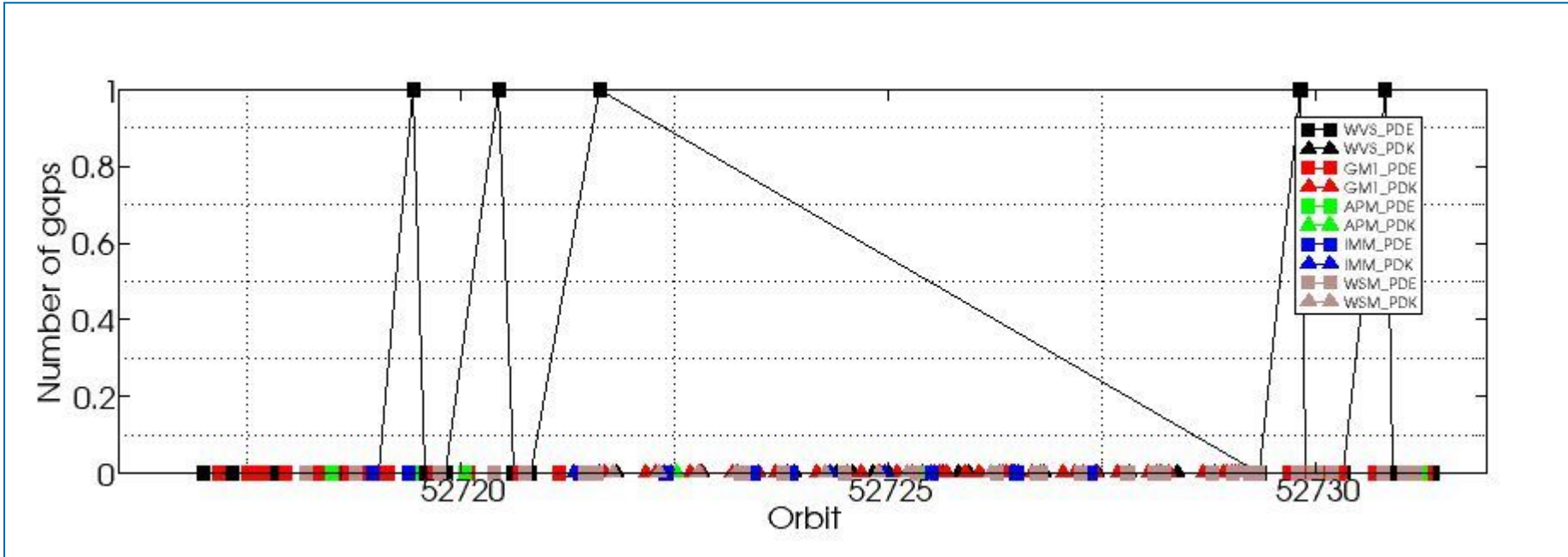
[BACK TO MENU]





8.2 - Number of Gaps

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



ASAR DAILY REPORT for 120329
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-03-29 00:00:00

Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/

DATA SUMMARY

Summary will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120329/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120329/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/AUXILIARY

Creating directory ./RESULTS/DAILY/_120329/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120329*current_3_IECF_ADFs.txt
 Found list 20120329_030000_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_WVS.txt...

| | |
|--|--|
| ASA_WVS_1PNPDE20120329_002521_000009663113_00117_52717_7284.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_005109_000005103113_00117_52717_7286.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_011318_000006153113_00117_52717_7288.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_013149_000006143113_00118_52718_7303.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_021611_000000743113_00118_52718_7322.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_022432_000009153113_00118_52718_7321.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_025416_000003153113_00118_52718_7309.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_031506_000002993113_00119_52719_7307.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_035658_000007793113_00119_52719_7305.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_040943_000002703113_00119_52719_7353.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_041807_000001203113_00119_52719_7354.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_043424_000012893113_00119_52719_7359.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_043424_000012893113_00119_52719_7376.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_053656_000010343113_00120_52720_7360.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_055355_000003753113_00120_52720_7392.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_061351_000018593113_00120_52720_7398.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_073457_000000453113_00121_52721_7395.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_202856_000020093113_00129_52729_7546.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_211621_000004053113_00129_52729_7548.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_212221_000001043113_00129_52729_7568.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_212221_000001043113_00129_52729_7579.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_220650_000021443113_00130_52730_7570.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_225610_000005103113_00130_52730_7574.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_230356_000007493113_00130_52730_7591.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_230356_000007493113_00130_52730_7593.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_232042_000001643113_00131_52731_7600.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDE20120329_235052_000008543113_00131_52731_7598.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_073527_000003003113_00121_52721_4982.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_075405_000020543113_00121_52721_4984.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_090455_000009453113_00122_52722_5022.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_093428_000020843113_00122_52722_5025.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_104137_000011543113_00123_52723_5062.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_111433_000003303113_00123_52723_5063.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_112336_000015143113_00123_52723_5069.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_121306_000005393113_00124_52724_5112.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_123138_000005703113_00124_52724_5114.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_125456_000003453113_00124_52724_5116.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_131259_000005603113_00124_52724_5118.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_135239_000004643113_00125_52725_5159.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_141648_000002703113_00125_52725_5162.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_143510_000004803113_00125_52725_5165.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_144746_000001343113_00125_52725_5168.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_153651_000001193113_00126_52726_5206.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_154115_000001193113_00126_52726_5209.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_154445_000010203113_00126_52726_5211.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_161608_000012893113_00126_52726_5215.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_161608_000012893113_00126_52726_5216.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_WVS_1PNPDK20120329_171754_000013493113_00127_52727_5243.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



```
ASA_WVS_1PNPDK20120329_175628_000013193113_00127_52727_5247.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120329_175628_000013193113_00127_52727_5249.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120329_185125_000017543113_00128_52728_5269.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120329_193603_000006003113_00128_52728_5275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_GM1.txt...

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ASA_GM1_1PNPDE20120329_000852_000009853113_00117_52717_7283.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_004221_000001143113_00117_52717_7282.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_004511_000003563113_00117_52717_7285.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_010017_000007793113_00117_52717_7287.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_012553_000001443113_00117_52717_7289.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_012702_000002833113_00117_52717_7298.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_015606_000008823113_00118_52718_7304.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_021202_000002293113_00118_52718_7324.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120329_024031_000005373113_00118_52718_7319.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120329_030238_000003983113_00118_52718_7312.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_031042_000002593113_00118_52718_7311.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_032040_000001443113_00119_52719_7310.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_032604_000014683113_00119_52719_7308.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120329_035304_000001143113_00119_52719_7306.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120329_213925_000003203113_00130_52730_7566.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120329_141304_000002233113_00125_52725_5161.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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|--|--|
| ASA_GM1_1PNPDK20120329_142209_000007793113_00125_52725_5164.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_144349_000002353113_00125_52725_5163.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_150040_000007853113_00126_52726_5167.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_152338_00000723113_00126_52726_5205.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20120329_153148_000003023113_00126_52726_5207.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20120329_160223_000003083113_00126_52726_5212.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_161046_000001693113_00126_52726_5213.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_163826_000009303113_00127_52727_5214.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_165248_000003263113_00127_52727_5240.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_170153_000005253113_00127_52727_5241.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_171535_000001323113_00127_52727_5242.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_174237_000006773113_00127_52727_5245.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_181910_000004043113_00128_52728_5246.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_182736_000003323113_00128_52728_5248.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
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| ASA_GM1_1PNPDK20120329_184145_000004593113_00128_52728_5268.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_192251_000006283113_00128_52728_5271.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_194649_00000843113_00128_52728_5272.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_194938_000002713113_00128_52728_5270.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_195528_00000783113_00129_52729_5274.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_195937_000002053113_00129_52729_5273.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_GM1_1PNPDK20120329_200359_000001443113_00129_52729_5276.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

Analysing APM products...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_APM.txt...

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|--|--|
| ASA_APM_1PNPDE20120329_022054_00000433113_00118_52718_7300.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_035501_000001003113_00119_52719_7297.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_045658_000002623113_00120_52720_7357.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_072225_00000433113_00121_52721_7390.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_072520_000001143113_00121_52721_7391.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_140119_000000823113_00125_52725_7524.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDE20120329_233721_000003233113_00131_52731_7589.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_APM_1PNPDK20120329_090406_00000433113_00122_52722_5018.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_IMM.txt...

| | |
|--|--|
| ASA_IMM_1PNPDE20120329_030916_00000773113_00118_52718_7302.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_035028_000001423113_00119_52719_7296.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_071123_000001933113_00121_52721_7388.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_085214_000000373113_00122_52722_7429.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_085340_000002553113_00122_52722_7431.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_102638_000002483113_00123_52723_7460.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_103628_000002183113_00123_52723_7461.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_112052_000001573113_00123_52723_7482.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_140503_000000783113_00125_52725_7525.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_154347_000000523113_00126_52726_7528.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDE20120329_171035_000002913113_00127_52727_7533.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20120329_070429_000002233113_00121_52721_4962.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20120329_120446_000000673113_00124_52724_5076.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |
| ASA_IMM_1PNPDK20120329_131004_000001133113_00124_52724_5137.N1 | ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK |



Analysing WSM products...

Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_120329/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20120329_015132_000002693113_00118_52718_7299.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120329_024933_000002813113_00118_52718_7301.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
... (repeating pattern of file names and status checks) ...

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS
#####
Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120329/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120329/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_00000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120329_174105_000000163113_00127_52727_1090.N1
H
H
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120329_174105-20010209_135042.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120329_174105-20010209_135042.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120329_174105-20010209_135042.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120329_174105-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_00000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120329_192119_000000163113_00128_52728_1091.N1
V
V
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120329_192119-20010209_140823.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120329_192119-20010209_140823.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120329_192119-20010209_140823.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120329_192119-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDE20120320_044916_000000163112_00421_52590_0486.N1
Test product: ASA_MS__0PNPDK20120329_174105_000000163113_00127_52727_1090.N1
H
H
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120329_174105-20120320_044916.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120329_174105-20120320_044916.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120329_174105-20120320_044916.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120329_174105-20120320_044916.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120320_062930_000000163112_00422_52591_1089.N1
Test product: ASA_MS__0PNPDK20120329_192119_000000163113_00128_52728_1091.N1
V
V
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120329_192119-20120320_062930.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120329_192119-20120320_062930.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120329_192119-20120320_062930.png
../../RESULTS/DAILY/_120329/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120329_192119-20120320_062930.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/_120329/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59

```
Writing image ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
      1      39841      7      39841
Writing image ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...
```

```
*****
*****
TEMPORAL EVOLUTION Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-29_1.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-29_2.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-29_3.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...
```

```
Getting calibration pulses data for WVS IS2 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-03-29_4.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_120329//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 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-29_1.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-29_2.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-29_3.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...
```

```
Getting calibration pulses data for GM1 SS3 H/H from 2012-03-29 00:00:00 to 2012-03-29 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_120329/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-03-29_4.dat...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_120329//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...
```

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


#####

Creating directory ./RESULTS/DAILY/_120329/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...

Writing file ./RESULTS/DAILY/_120329/DOPPLER/Doppler_data_WVS_IS2_VV_2012-03-29.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120329/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...

Writing file ./RESULTS/DAILY/_120329/DOPPLER/Doppler_data_GM1_SS1_HH_2012-03-29.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120329/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2012-03-29 00:00:00 to 2012-03-29 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...

Writing file ./RESULTS/DAILY/_120329/DOPPLER/Doppler_Jumps_data_WSM_2012-03-29.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120329/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_120329/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59

Analysing products WVS IS2 V/V

1251

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -20.904686 Hz

Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1552

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -18.249373 Hz

Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2558

Loading predicted doppler values....

```
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -2.2589529 Hz
Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
2489
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -6.7075785 Hz
Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120329//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120329/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-03-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120329/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120329/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-03-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120329/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120329/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/RAW_DATA

Creating directory ./RESULTS/DAILY/_120329/RAW_DATA...
```



```
*****
Getting raw data for WVS from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/RAW_DATA/Raw_data_WVS_2012-03-29.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2012-03-29 00:00:00 to 2012-03-29 23:59:59...
Writing file ./RESULTS/DAILY/_120329/RAW_DATA/Raw_data_IMM_2012-03-29.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120329/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

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

```
TELEMETRY ANALYSIS
#####
Analysis will be performed from 2012-03-29 00:00:00 to 2012-03-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120329/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_120329/TELEMETRY...
```

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

```
Checking 28 products from PDE...
Found product...ASA_WVS_1PNPDE20120329_002521_000009663113_00117_52717_7284.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120329_013149_000006143113_00118_52718_7303.N1 / 0 gaps / 16 missing lines
Found product...ASA_WVS_1PNPDE20120329_035658_000007793113_00119_52719_7305.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120329_053656_000010343113_00120_52720_7360.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120329_073457_000000453113_00121_52721_7395.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120329_211621_000004053113_00129_52729_7548.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120329_225610_000005103113_00130_52730_7574.N1 / 1 gaps / 0 missing lines
Checking 25 products from PDK...
Found product...ASA_WVS_1PNPDK20120329_131259_000005603113_00124_52724_5118.N1 / 0 gaps / 8 missing lines
```

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

```
Checking 35 products from PDE...
Checking 45 products from PDK...
```

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

```
Checking 7 products from PDE...
Checking 1 products from PDK...
```

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

```
Checking 11 products from PDE...
Checking 3 products from PDK...
```

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

```
Checking 31 products from PDE...
Found product...ASA_WSM_1PNPDE20120329_231713_000001533113_00131_52731_7584.N1 / 0 gaps / 26 missing lines
Checking 11 products from PDK...
```

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

Creating image: ./RESULTS/DAILY/_120329/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_120329/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_120329/asarReport.html...
Building DATA SUMMARY section...
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed
#####



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

| Product | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA |
|--|---------|---------|---------|---------|
| ASA_APM_1PNPDE20120329_022054_000000433113_00118_52718_7300.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_035501_000001003113_00119_52719_7297.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_045658_000002623113_00120_52720_7357.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_072225_000000433113_00121_52721_7390.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_072520_000001143113_00121_52721_7391.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_140119_000000823113_00125_52725_7524.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDE20120329_233721_000003233113_00131_52731_7589.N1 | OK | OK | OK | OK |
| ASA_APM_1PNPDK20120329_090406_000000433113_00122_52722_5018.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_1PNPDE20120329_000852_000009853113_00117_52717_7283.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_004221_000001143113_00117_52717_7282.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_004511_000003563113_00117_52717_7285.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_010017_000007793113_00117_52717_7287.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_012553_000001443113_00117_52717_7289.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_012702_000002833113_00117_52717_7298.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_015606_000008823113_00118_52718_7304.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_021202_000002293113_00118_52718_7324.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_022155_000001503113_00118_52718_7323.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_024031_000005373113_00118_52718_7319.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_030015_000001383113_00118_52718_7313.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_030238_000003983113_00118_52718_7312.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_031042_000002593113_00118_52718_7311.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_032040_000001443113_00119_52719_7310.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_032604_000014683113_00119_52719_7308.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_035304_000001143113_00119_52719_7306.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_042045_000004223113_00119_52719_7355.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_050141_000018073113_00120_52720_7361.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_060101_000003503113_00120_52720_7394.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_064819_000009733113_00121_52721_7402.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_071444_000001633113_00121_52721_7401.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_071906_000001993113_00121_52721_7400.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_072330_000001083113_00121_52721_7399.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_072736_000002293113_00121_52721_7397.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_202102_000003203113_00129_52729_7547.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_210307_000005983113_00129_52729_7549.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_212446_000003443113_00129_52729_7565.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_213311_000000903113_00129_52729_7564.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_213925_000003203113_00130_52730_7566.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_214543_000001143113_00130_52730_7567.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_220257_000002293113_00130_52730_7569.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_224319_000006103113_00130_52730_7573.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_233417_000001873113_00131_52731_7592.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_233417_000001873113_00131_52731_7594.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDE20120329_234307_000004653113_00131_52731_7601.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_074112_000005253113_00121_52721_4983.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_082857_000007073113_00122_52722_4985.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_083957_000002353113_00122_52722_5016.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_085015_000001143113_00122_52722_5017.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_085809_000003563113_00122_52722_5021.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_092125_000005073113_00122_52722_5020.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_093302_000000783113_00122_52722_5023.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_101005_000002353113_00123_52723_5024.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_101655_000001443113_00123_52723_5026.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_104017_000000723113_00123_52723_5061.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_110143_000004593113_00123_52723_5064.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_114942_000005733113_00124_52724_5065.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_122519_000002353113_00124_52724_5113.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_124155_000007793113_00124_52724_5115.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_130300_000004283113_00124_52724_5117.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_132308_000007553113_00125_52725_5119.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_134120_000002713113_00125_52725_5158.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_140303_000001203113_00125_52725_5157.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_140630_000003863113_00125_52725_5160.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_141304_000002233113_00125_52725_5161.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_142209_000007793113_00125_52725_5164.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_144349_000002353113_00125_52725_5163.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_150040_000007853113_00126_52726_5167.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_152338_000000723113_00126_52726_5205.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_152747_000001753113_00126_52726_5204.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_153148_000003023113_00126_52726_5207.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_153938_000000903113_00126_52726_5210.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_160223_000003083113_00126_52726_5212.N1 | | | | | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_161046_000001693113_00126_52726_5213.N1 | | | | | OK | OK | OK | OK |

| | | | | |
|--|----|----|----|----|
| ASA_GM1_1PNPDK20120329_163826_000009303113_00127_52727_5214.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_165248_000003263113_00127_52727_5240.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_170153_000005253113_00127_52727_5241.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_171535_000001323113_00127_52727_5242.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_174237_000006773113_00127_52727_5245.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_181910_000004043113_00128_52728_5246.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_182736_000003323113_00128_52728_5248.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_182736_000003323113_00128_52728_5250.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_183157_000001023113_00128_52728_5267.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_184145_000004593113_00128_52728_5268.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_192251_000006283113_00128_52728_5271.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_194649_000008843113_00128_52728_5272.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_194938_000002713113_00128_52728_5270.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_195528_000000783113_00129_52729_5274.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_195937_000002053113_00129_52729_5273.N1 | OK | OK | OK | OK |
| ASA_GM1_1PNPDK20120329_200359_000001443113_00129_52729_5276.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_1PNPDE20120329_030916_000000773113_00118_52718_7302.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_035028_000001423113_00119_52719_7296.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_071123_000001933113_00121_52721_7388.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_085214_000000373113_00122_52722_7429.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_085340_000002553113_00122_52722_7431.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_102638_000002483113_00123_52723_7460.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_103628_000002183113_00123_52723_7461.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_112052_000001573113_00123_52723_7482.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_140503_000000783113_00125_52725_7525.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_154347_000000523113_00126_52726_7528.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDE20120329_171035_000002913113_00127_52727_7533.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20120329_070429_000002233113_00121_52721_4962.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20120329_120446_000000673113_00124_52724_5076.N1 | OK | OK | OK | OK |
| ASA_IMM_1PNPDK20120329_131004_000001133113_00124_52724_5137.N1 | OK | OK | OK | OK |

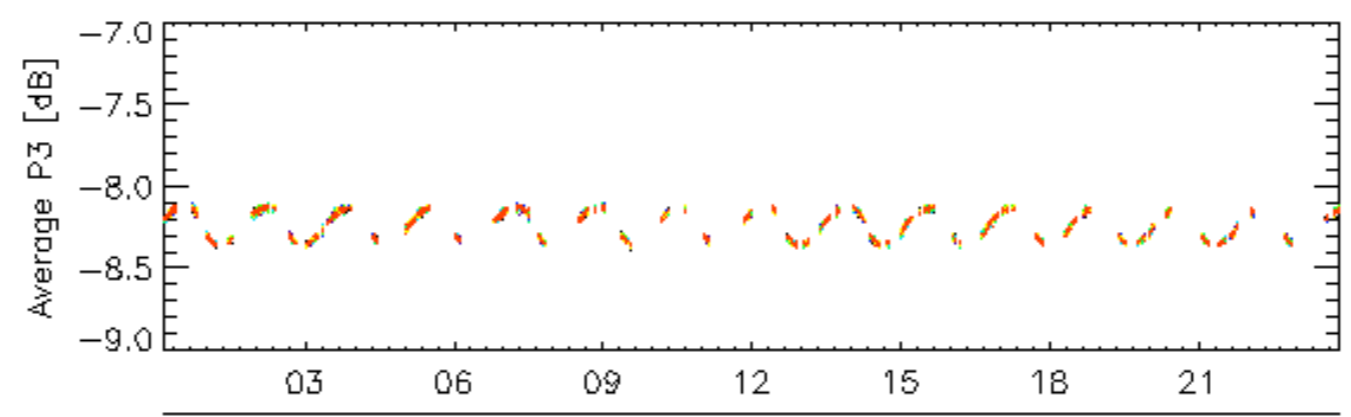
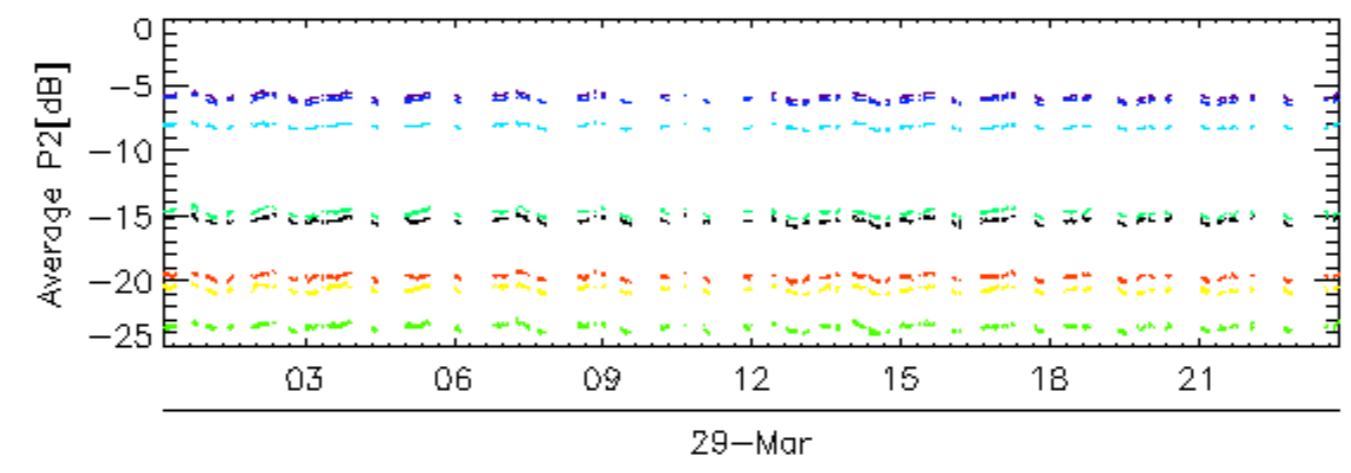
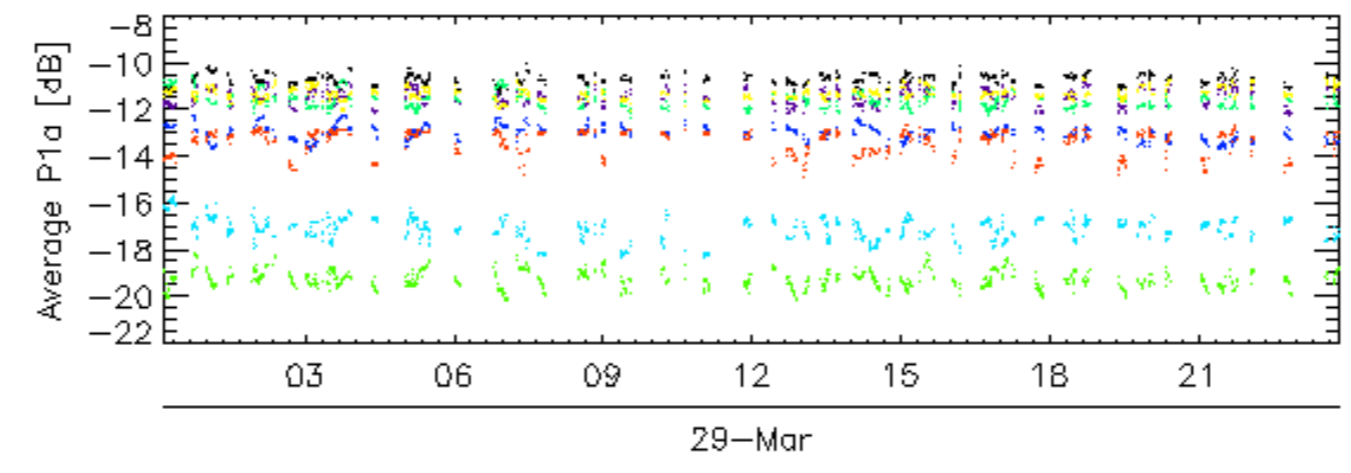
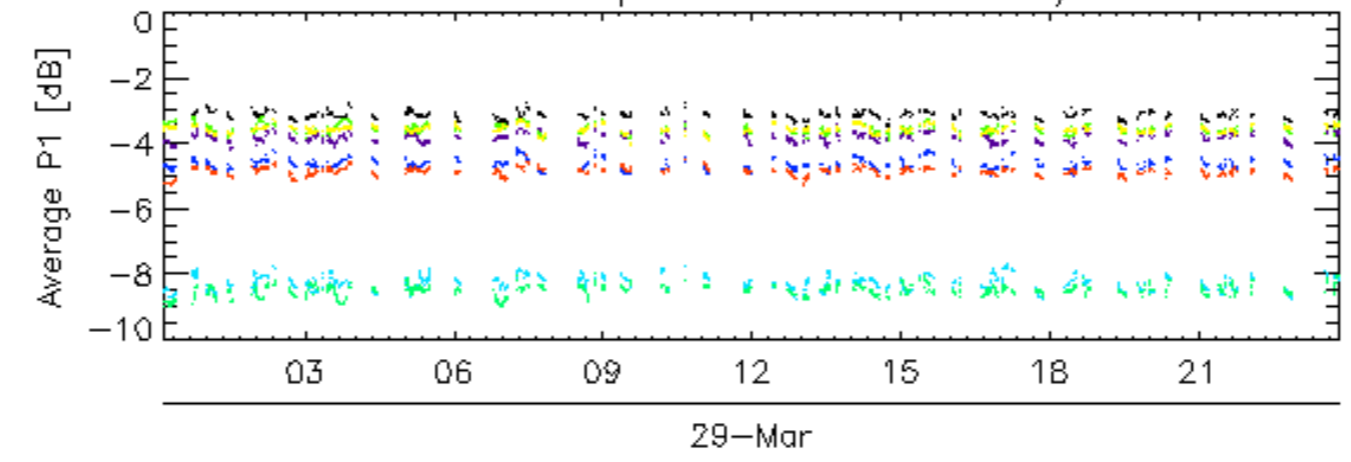
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

| Product | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA | | | | |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WSM_1PNPDE20120329_015132_000002693113_00118_52718_7299.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_024933_000002813113_00118_52718_7301.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_042751_000003923113_00119_52719_7356.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_053151_000003063113_00120_52720_7352.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_060658_000003923113_00120_52720_7387.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_071731_000000923113_00121_52721_7389.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_073127_000002143113_00121_52721_7393.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_101925_000002143113_00123_52723_7458.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_102412_000000923113_00123_52723_7459.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_110926_000002753113_00123_52723_7481.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_122244_000001473113_00124_52724_7483.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_134556_000001283113_00125_52725_7523.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_152132_000001223113_00126_52726_7527.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_160737_000001843113_00126_52726_7529.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_161337_000001533113_00126_52726_7522.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_165820_000002143113_00127_52727_7532.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_175357_000001533113_00127_52727_7531.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_182600_000000923113_00128_52728_7535.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_183748_000002323113_00128_52728_7536.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_193333_000001533113_00128_52728_7540.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_195413_000000733113_00129_52729_7541.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_195653_000001593113_00129_52729_7542.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_201704_000002323113_00129_52729_7545.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_202626_000001533113_00129_52729_7556.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_211311_000001903113_00129_52729_7544.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_213035_000001533113_00129_52729_7557.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_213450_000002693113_00130_52730_7560.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_215336_000005513113_00130_52730_7572.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_225334_000001533113_00130_52730_7563.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_231713_000001533113_00131_52731_7584.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDE20120329_233143_000001533113_00131_52731_7588.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_075000_000002083113_00121_52721_4994.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_084355_000003733113_00122_52722_4995.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_092954_000001843113_00122_52722_5019.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_101406_000001653113_00123_52723_5035.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_115918_000003303113_00124_52724_5075.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_130125_000000923113_00124_52724_5133.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_133549_000003303113_00125_52725_5134.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_151350_000004343113_00126_52726_5189.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_183346_000002753113_00128_52728_5258.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_200817_000003123113_00129_52729_5288.N1 | | | | | OK | OK | OK | OK |
| ASA_WSM_1PNPDK20120329_201410_000002083113_00129_52729_5289.N1 | | | | | OK | OK | OK | OK |

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

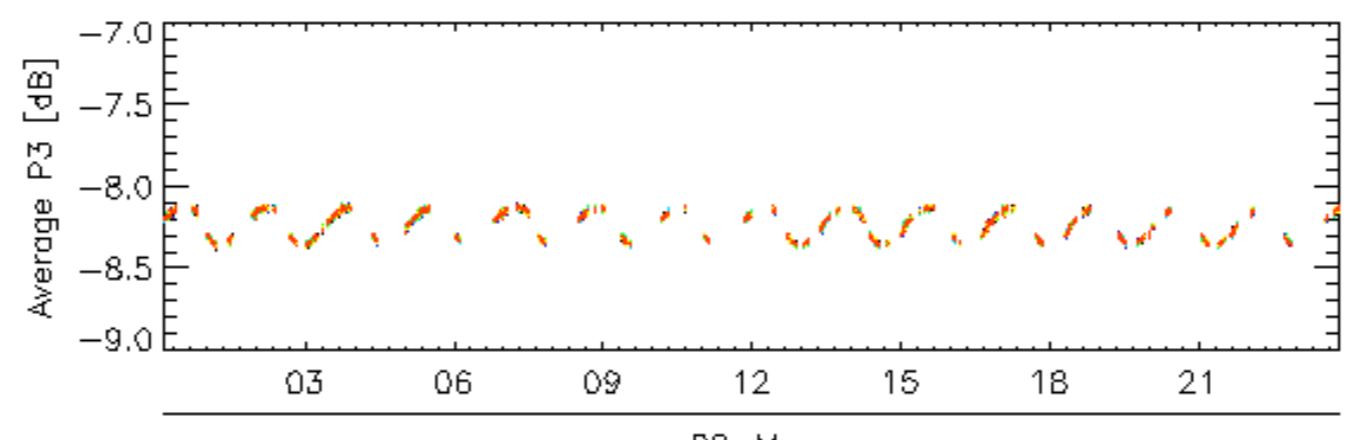
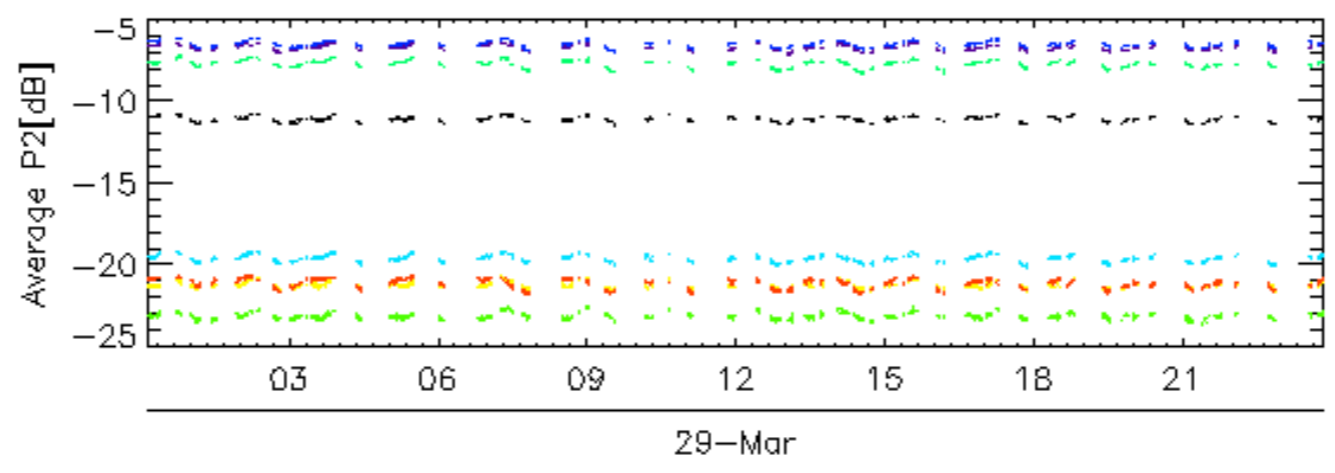
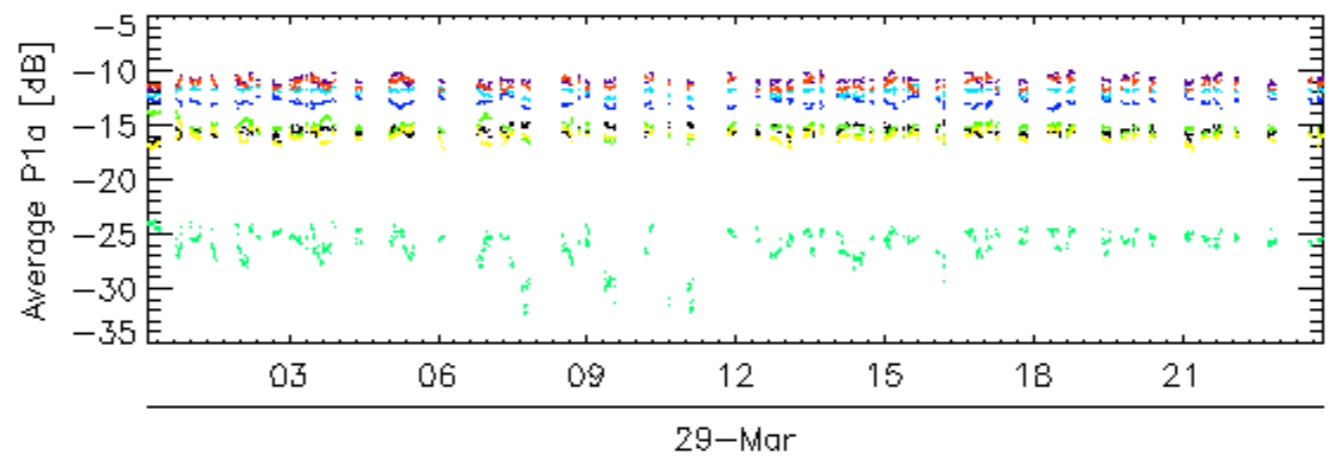
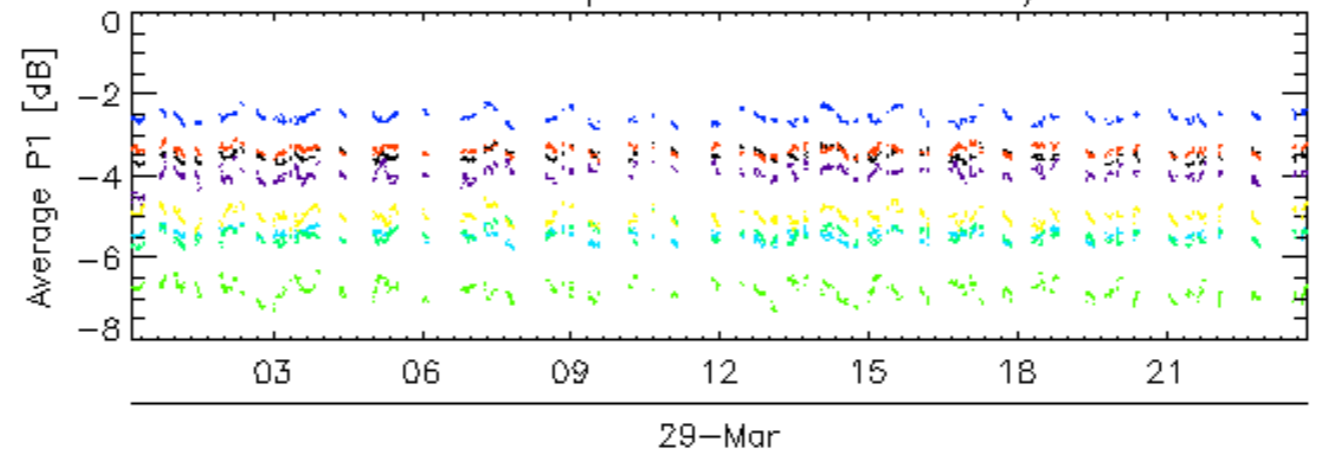
| Product | ASA_CON | ASA_INS | ASA_XCH | ASA_XCA | | | | |
|--|---------|---------|---------|---------|----|----|----|----|
| ASA_WVS_1PNPDE20120329_002521_000009663113_00117_52717_7284.N1 | | | | | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20120329_005109_000005103113_00117_52717_7286.N1 | | | | | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20120329_011318_000006153113_00117_52717_7288.N1 | | | | | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20120329_013149_000006143113_00118_52718_7303.N1 | | | | | OK | OK | OK | OK |
| ASA_WVS_1PNPDE20120329_021611_000000743113_00118_52718_7322.N1 | | | | | OK | OK | OK | OK |
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Calibration pulses for GM1 SS3 H/H



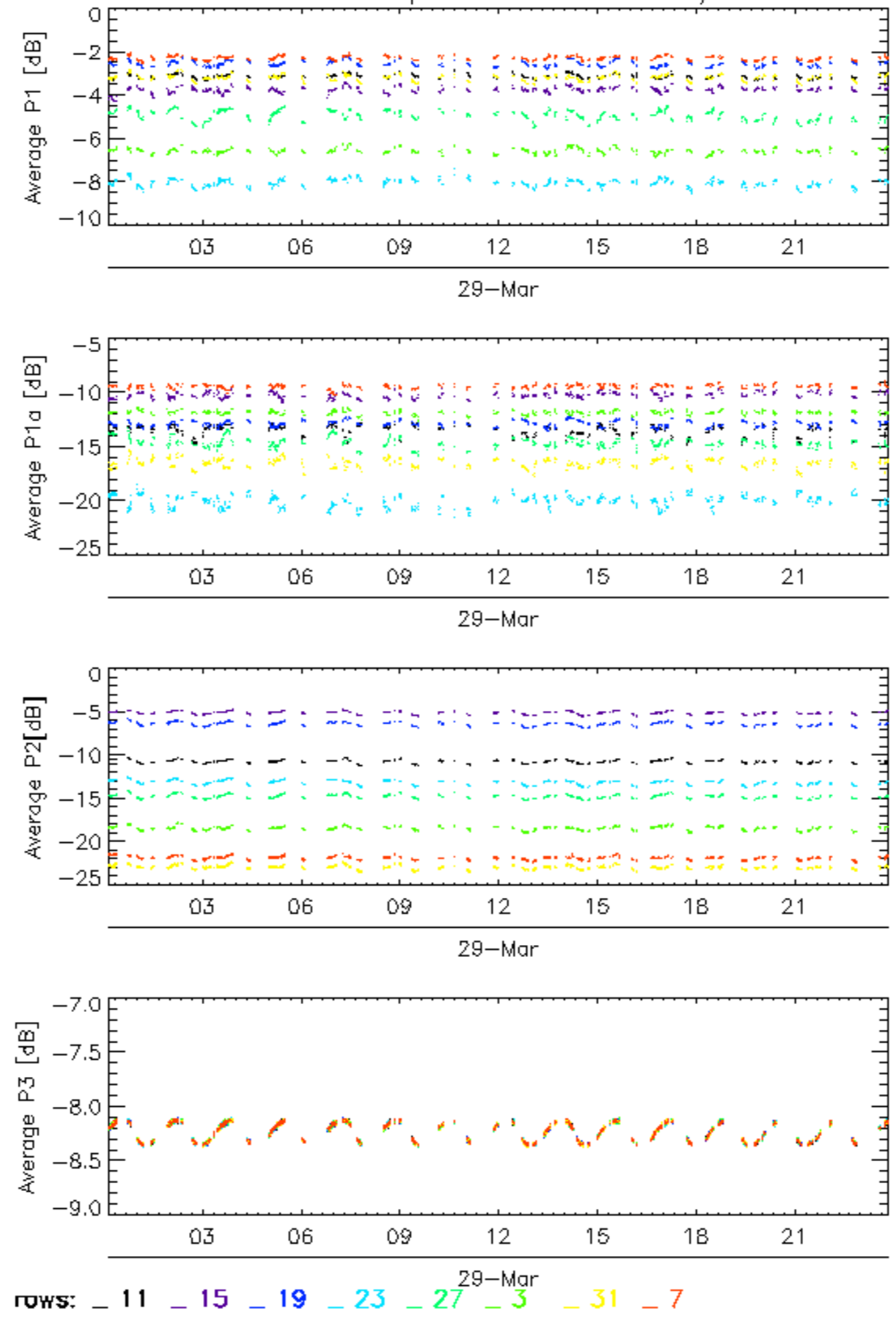
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Calibration pulses for GM1 SS3 H/H

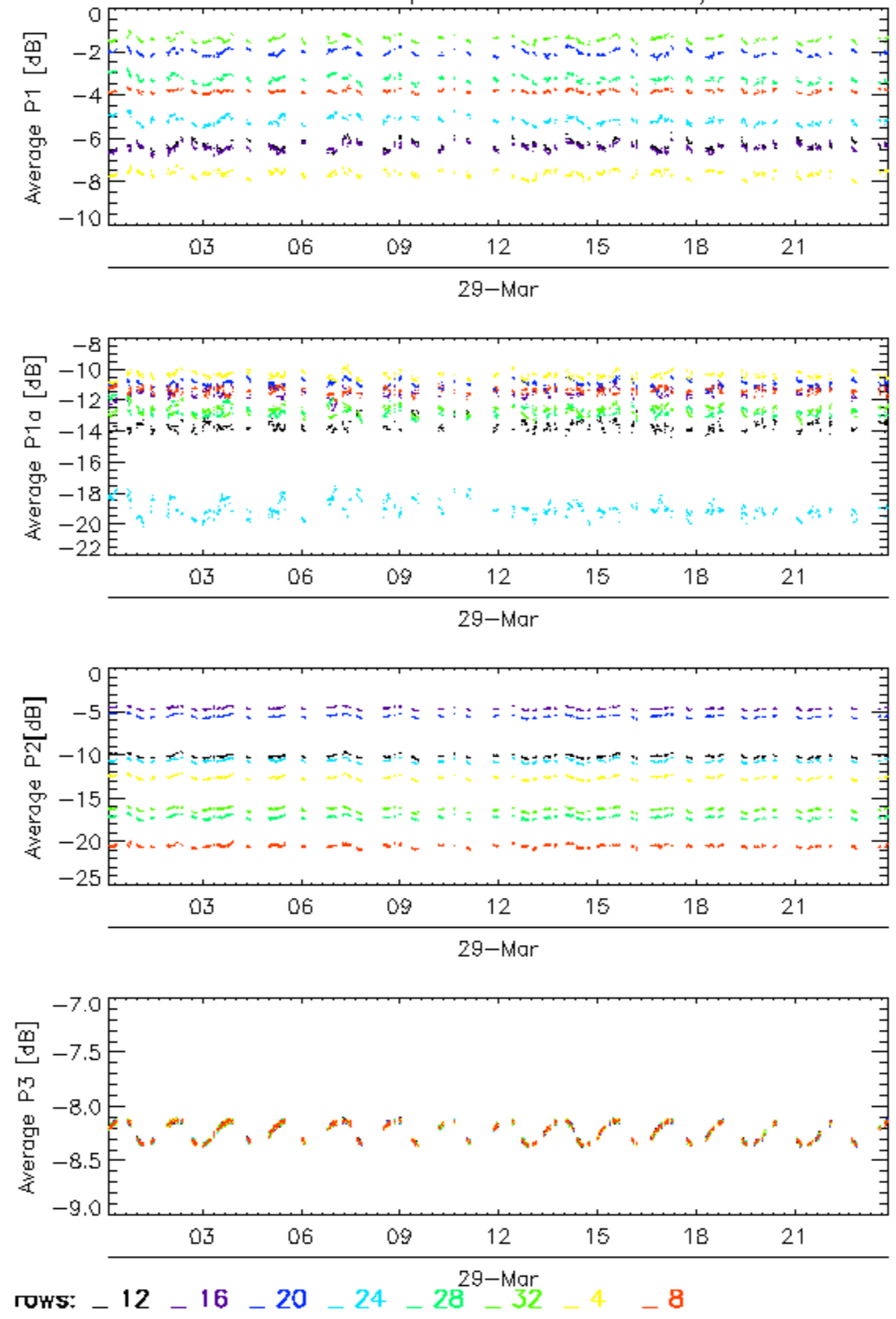


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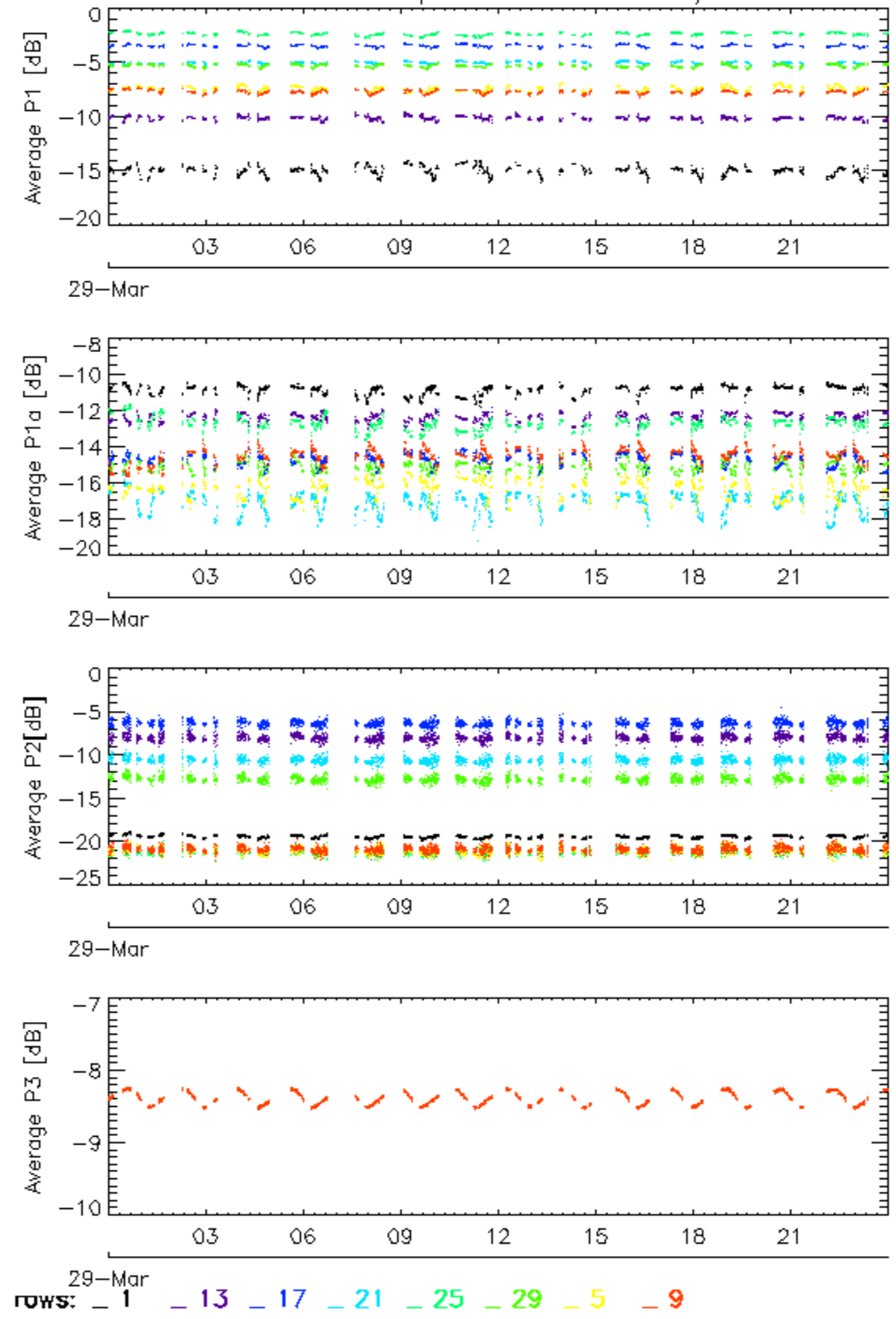
Calibration pulses for GM1 SS3 H/H



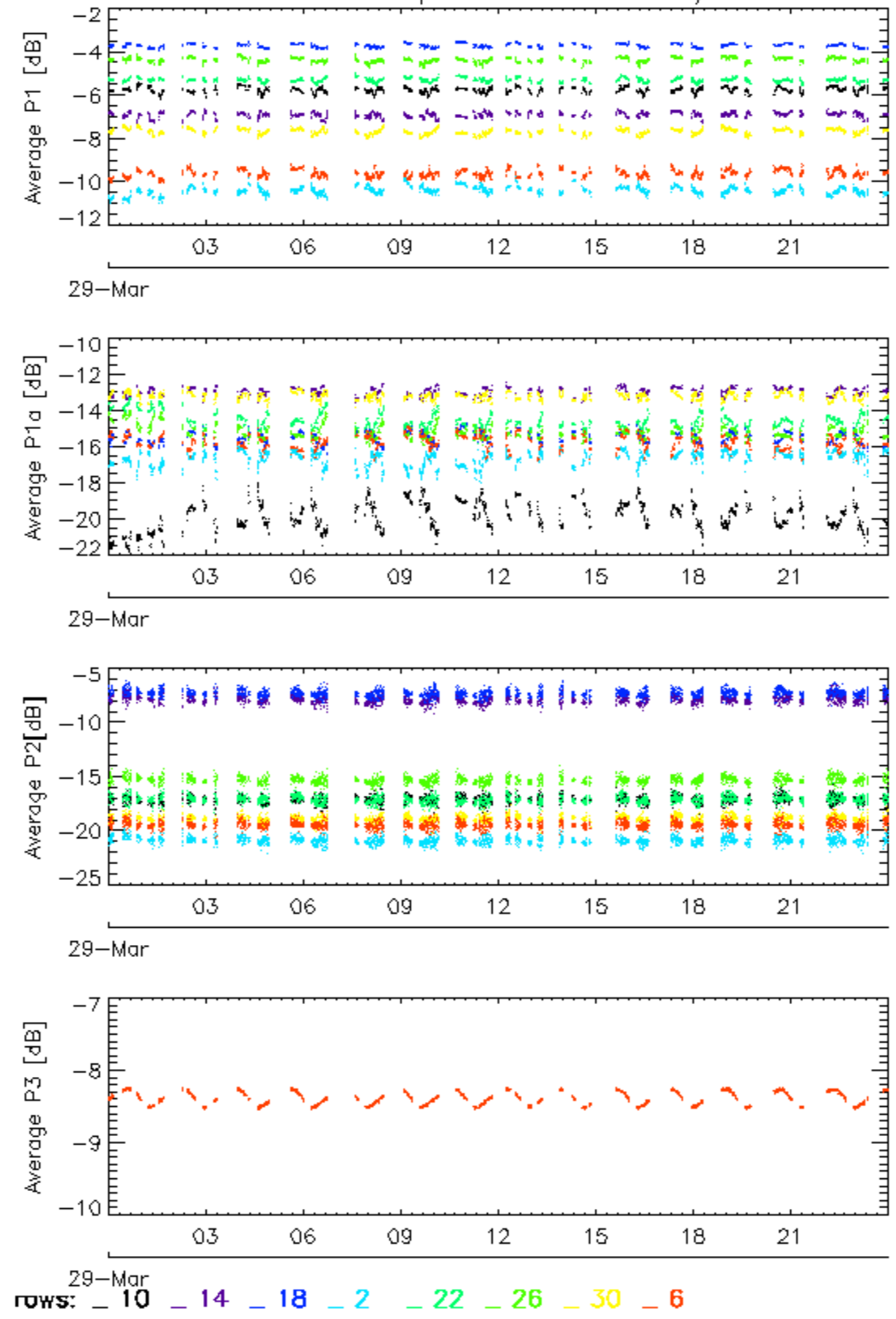
Calibration pulses for GM1 SS3 H/H



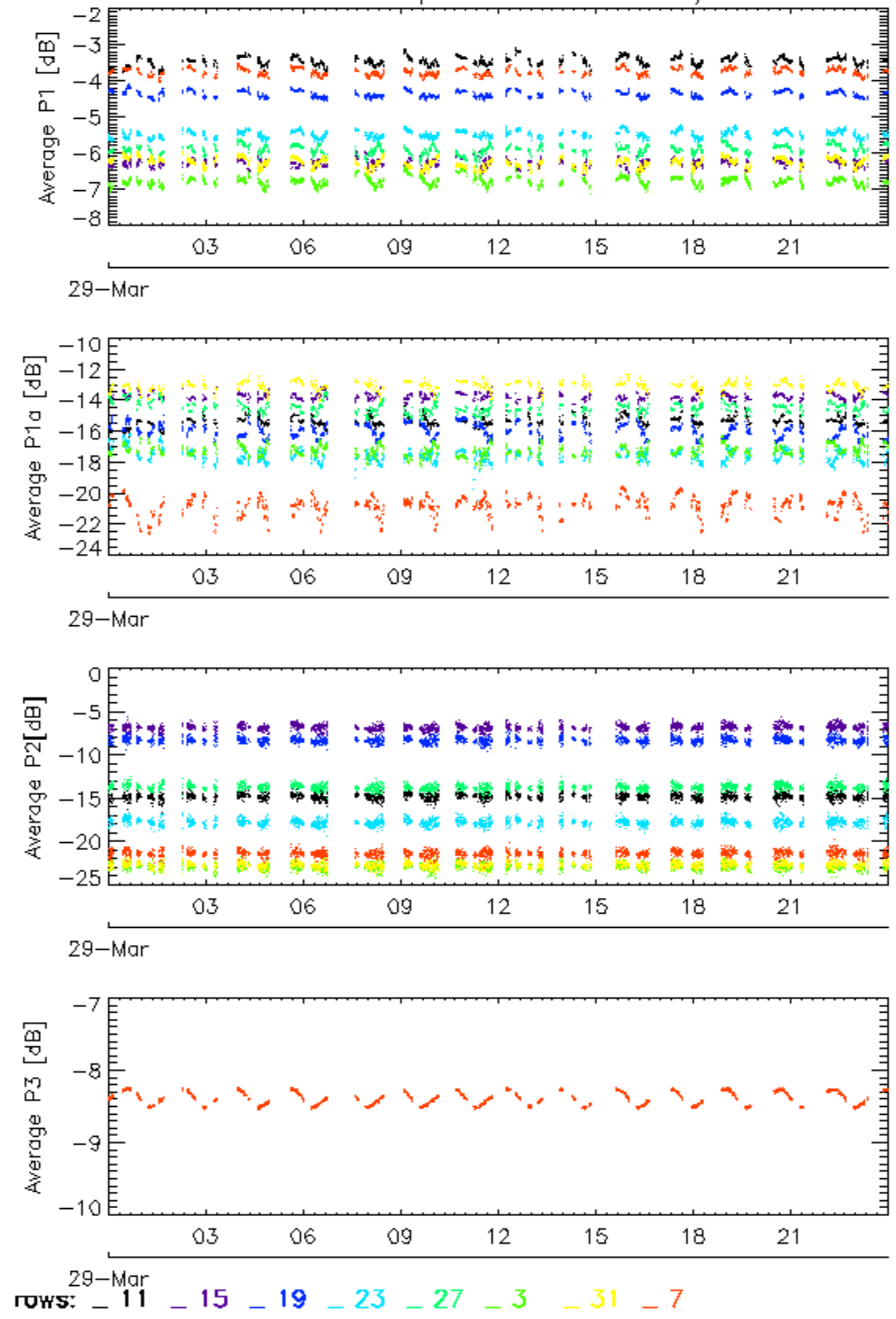
Calibration pulses for WVS IS2 V/V



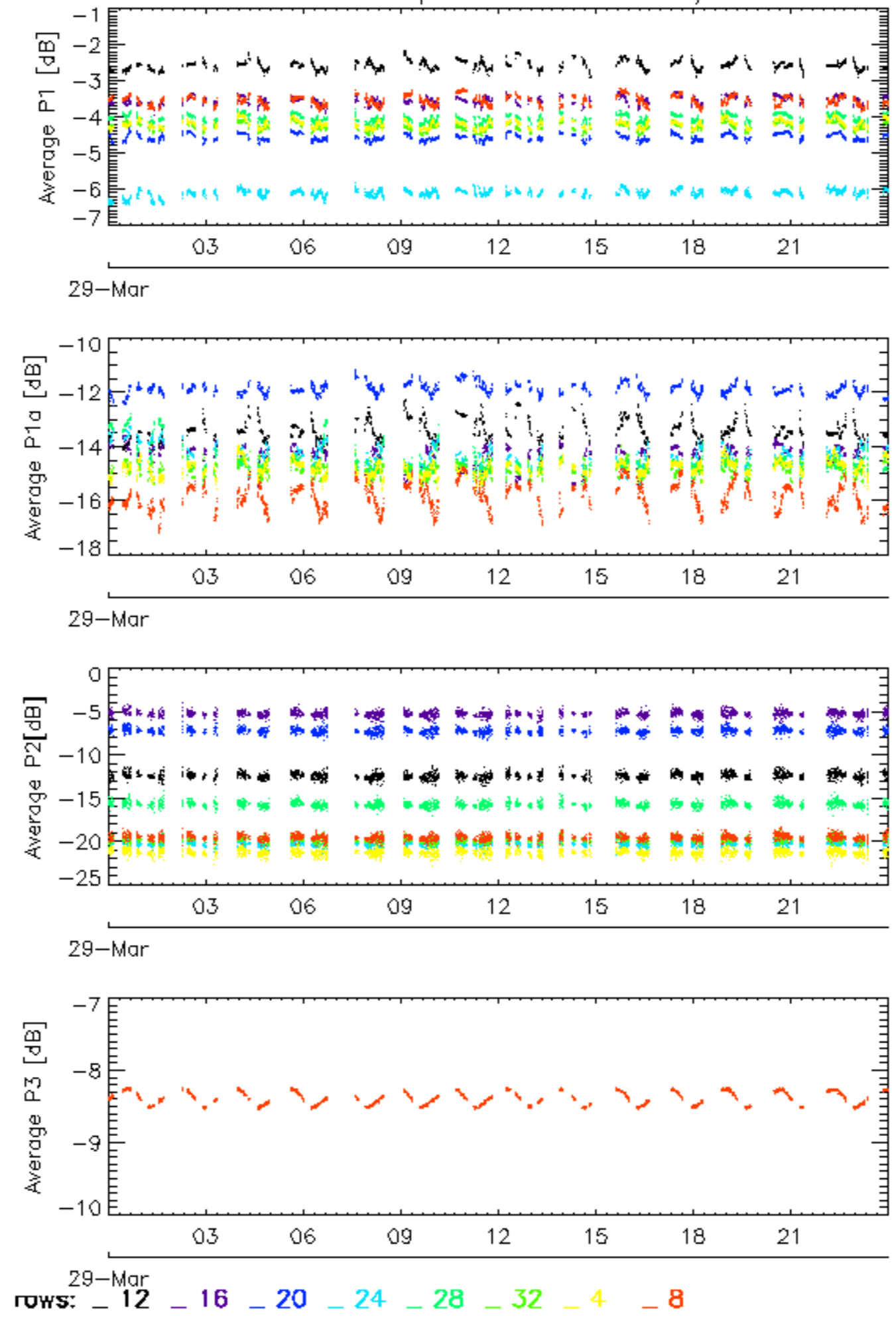
Calibration pulses for WVS IS2 V/V

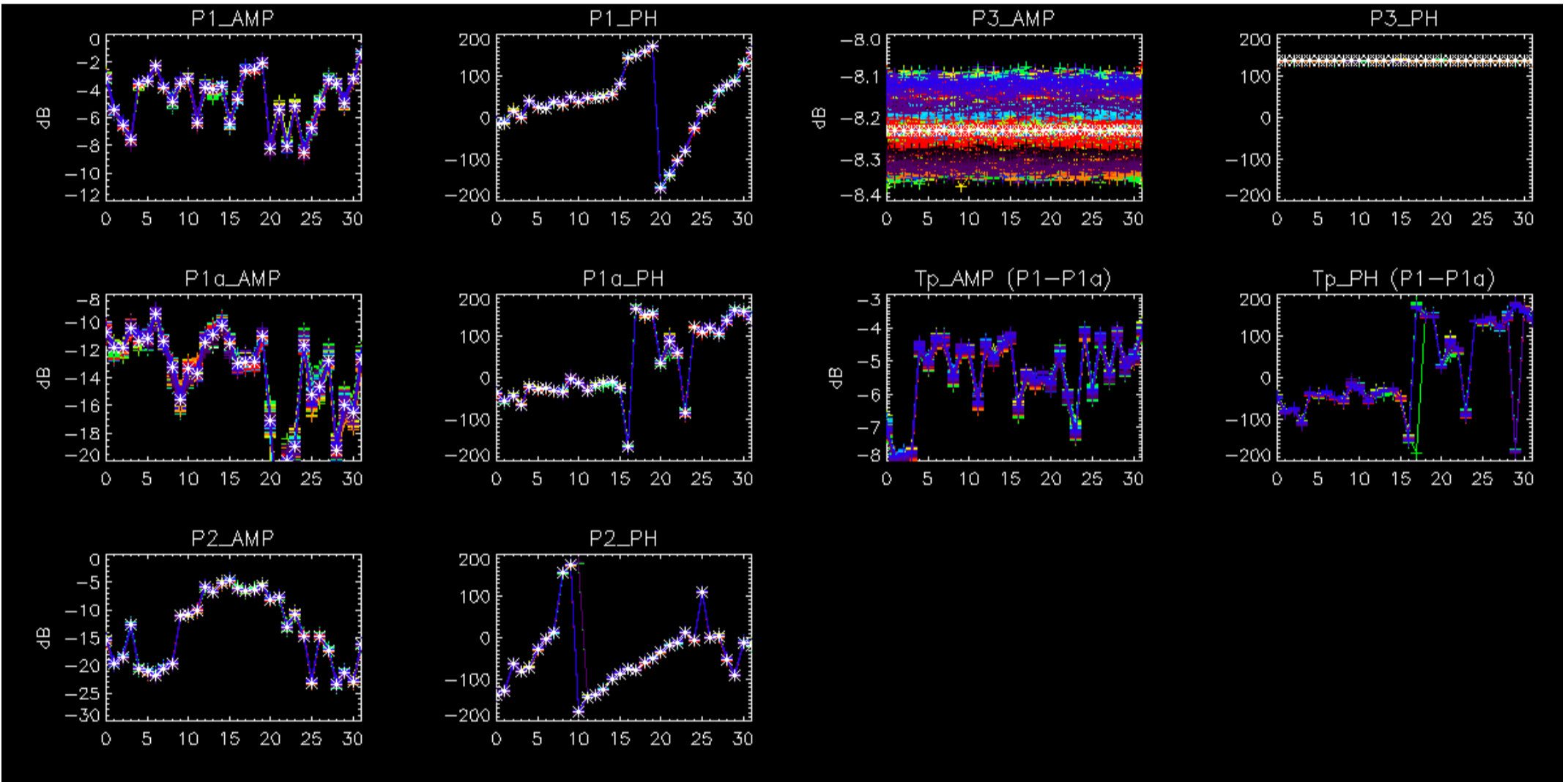


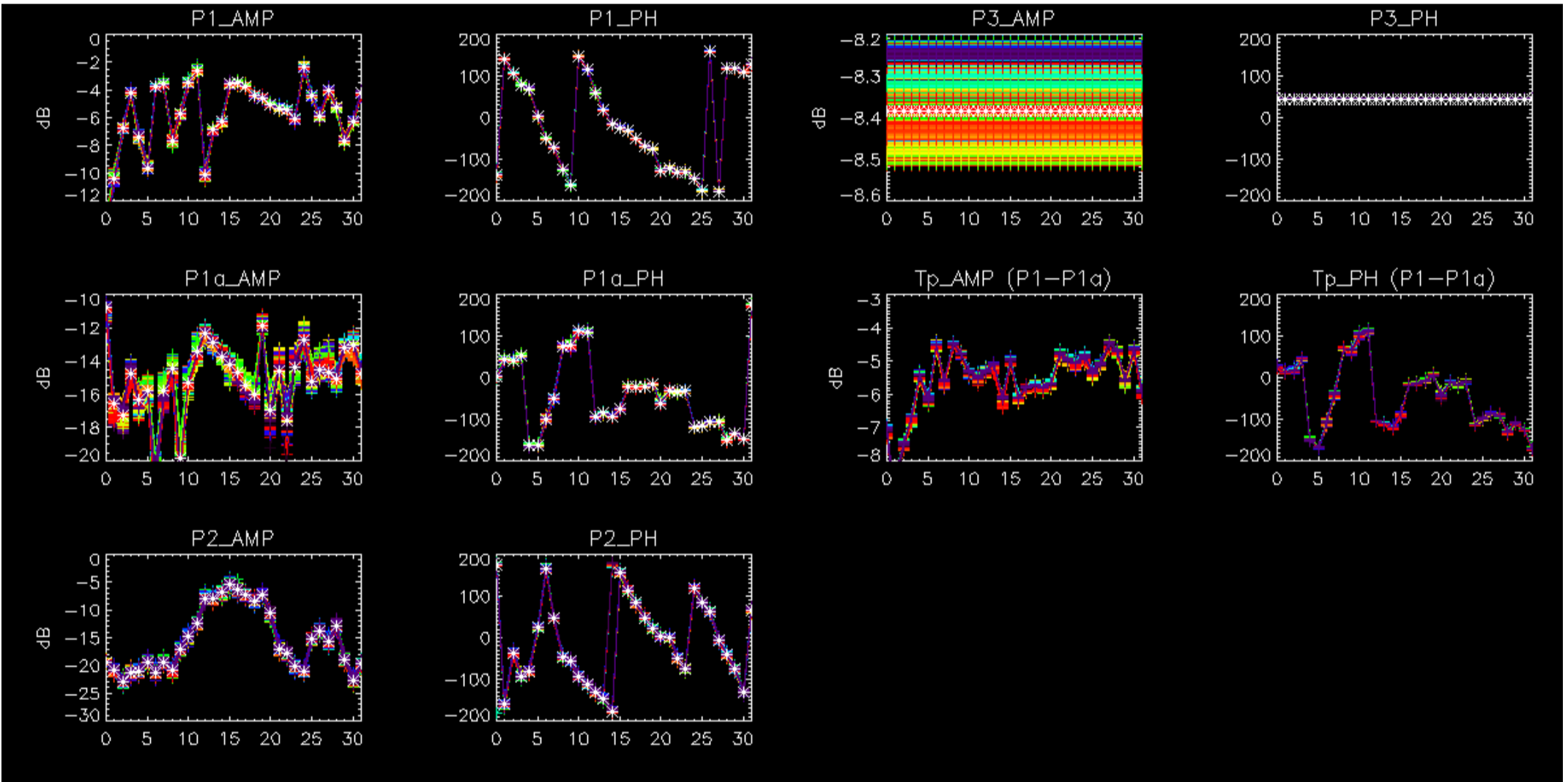
Calibration pulses for WVS IS2 V/V

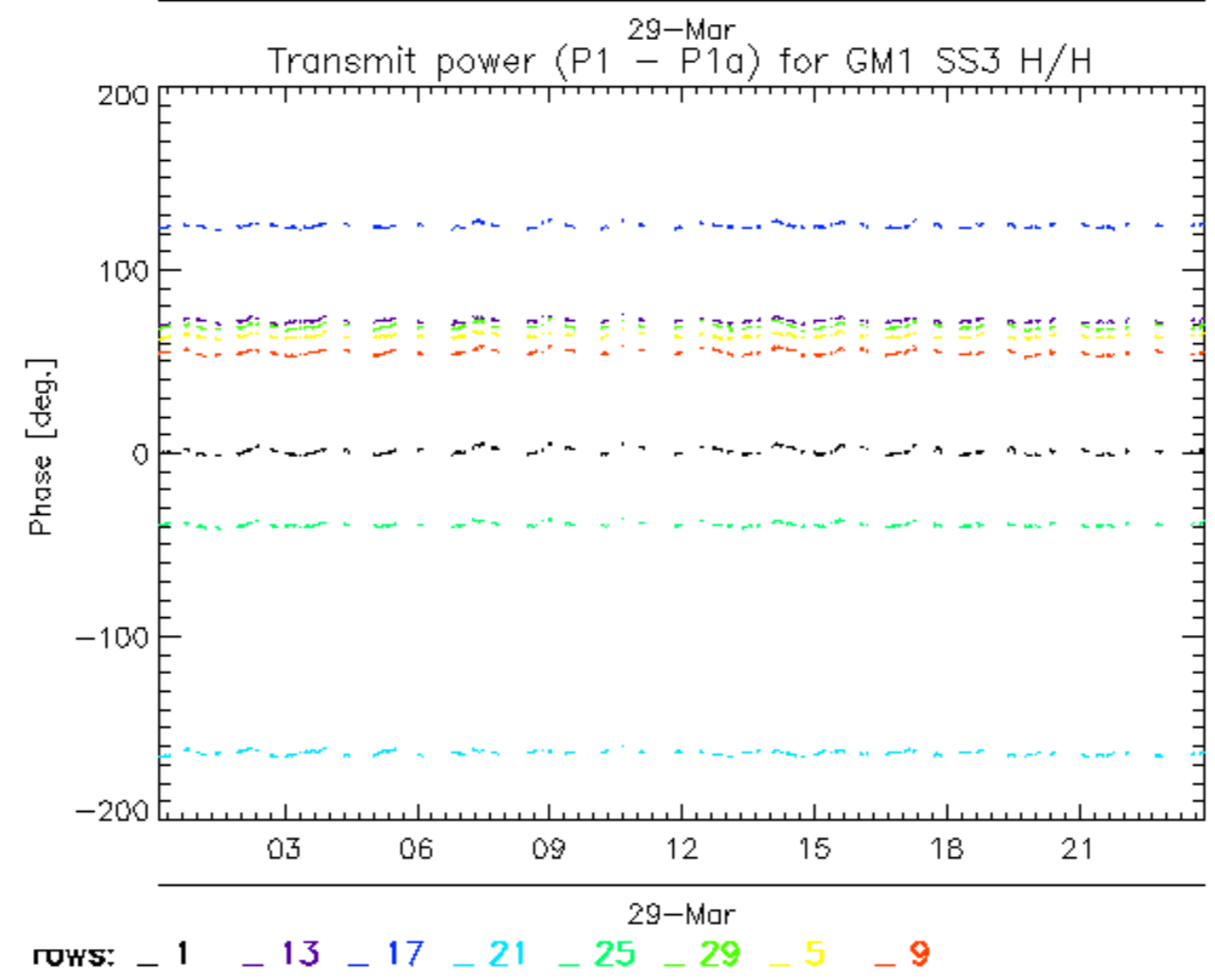
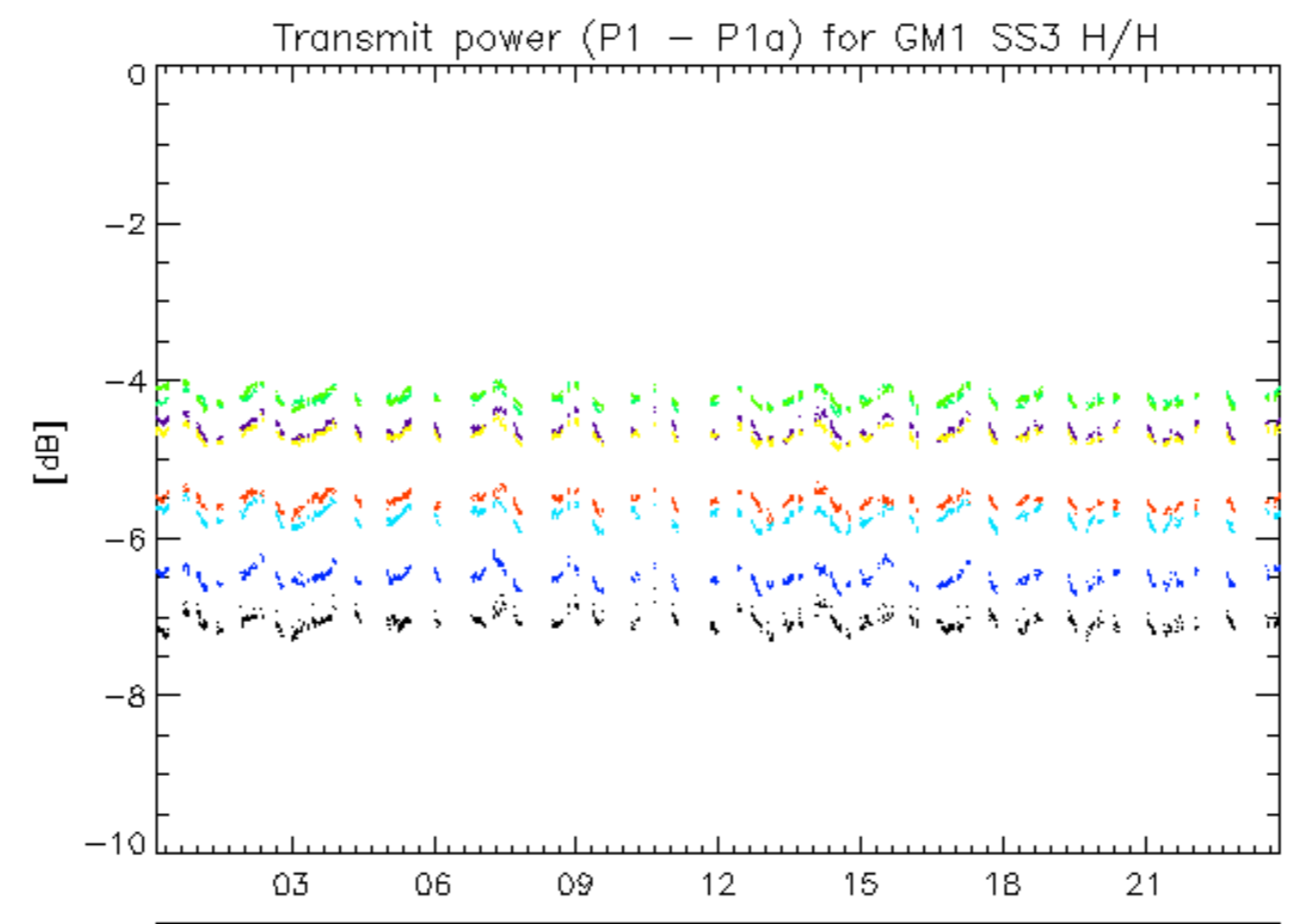


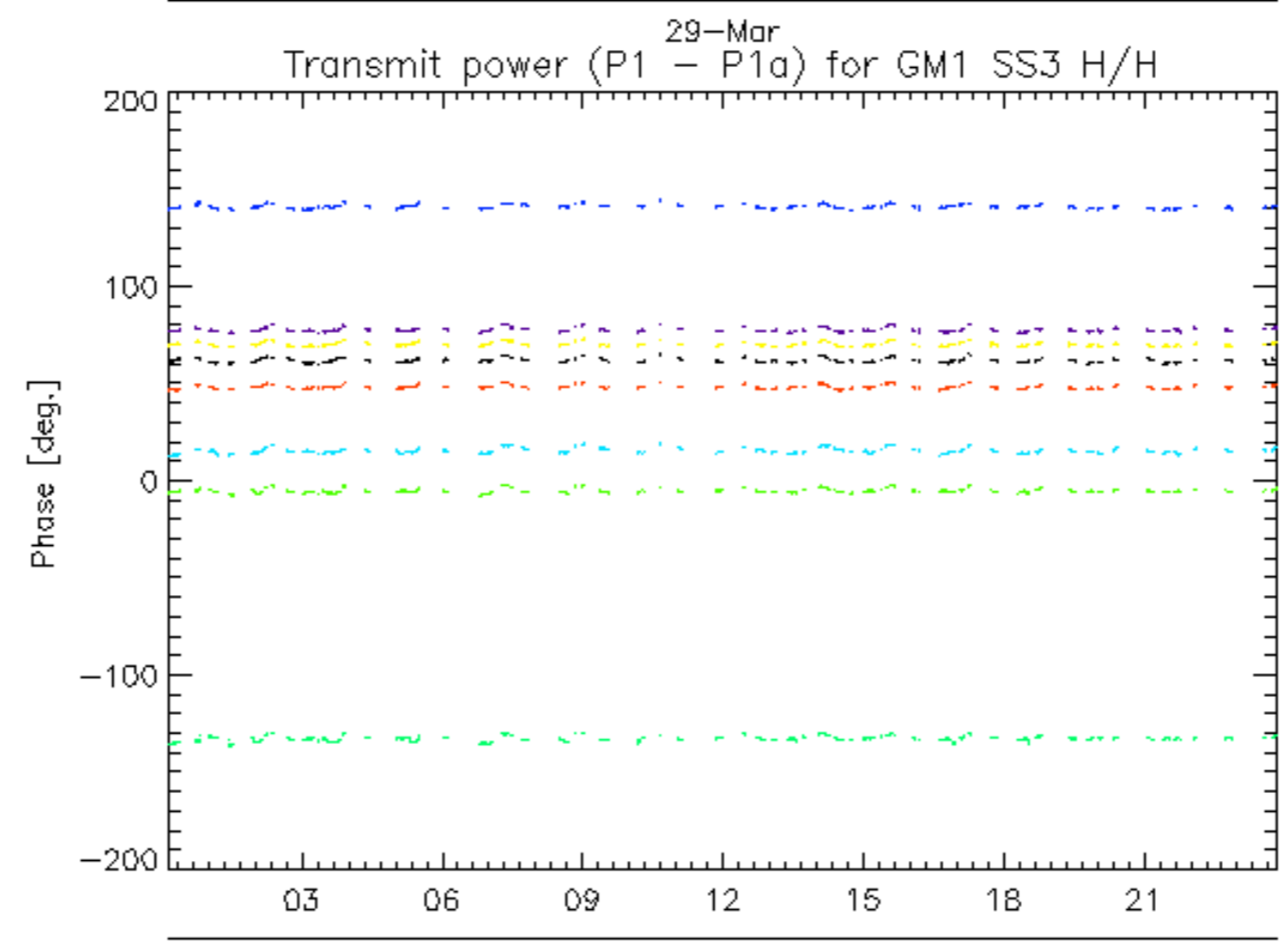
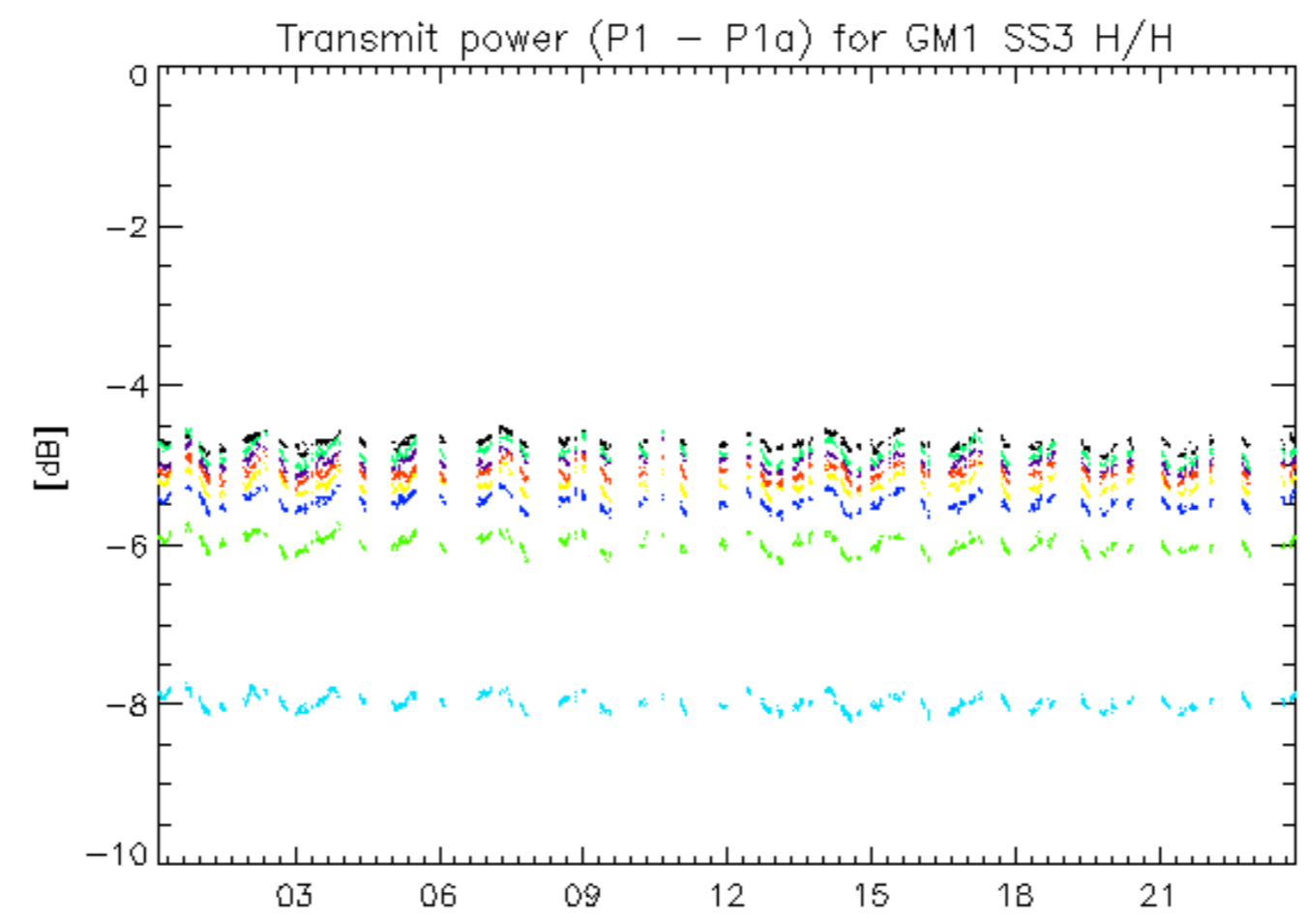
Calibration pulses for WVS IS2 V/V



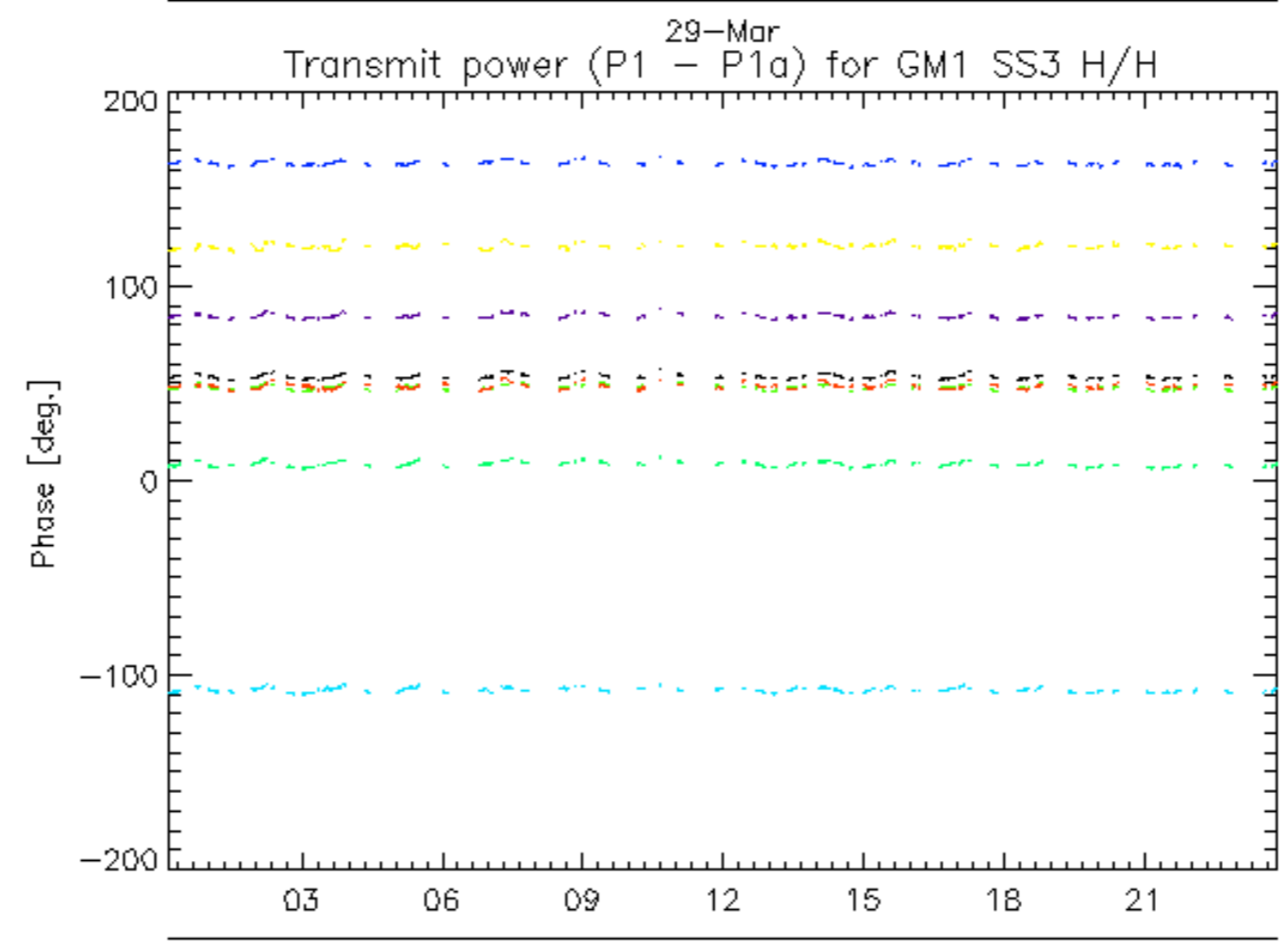
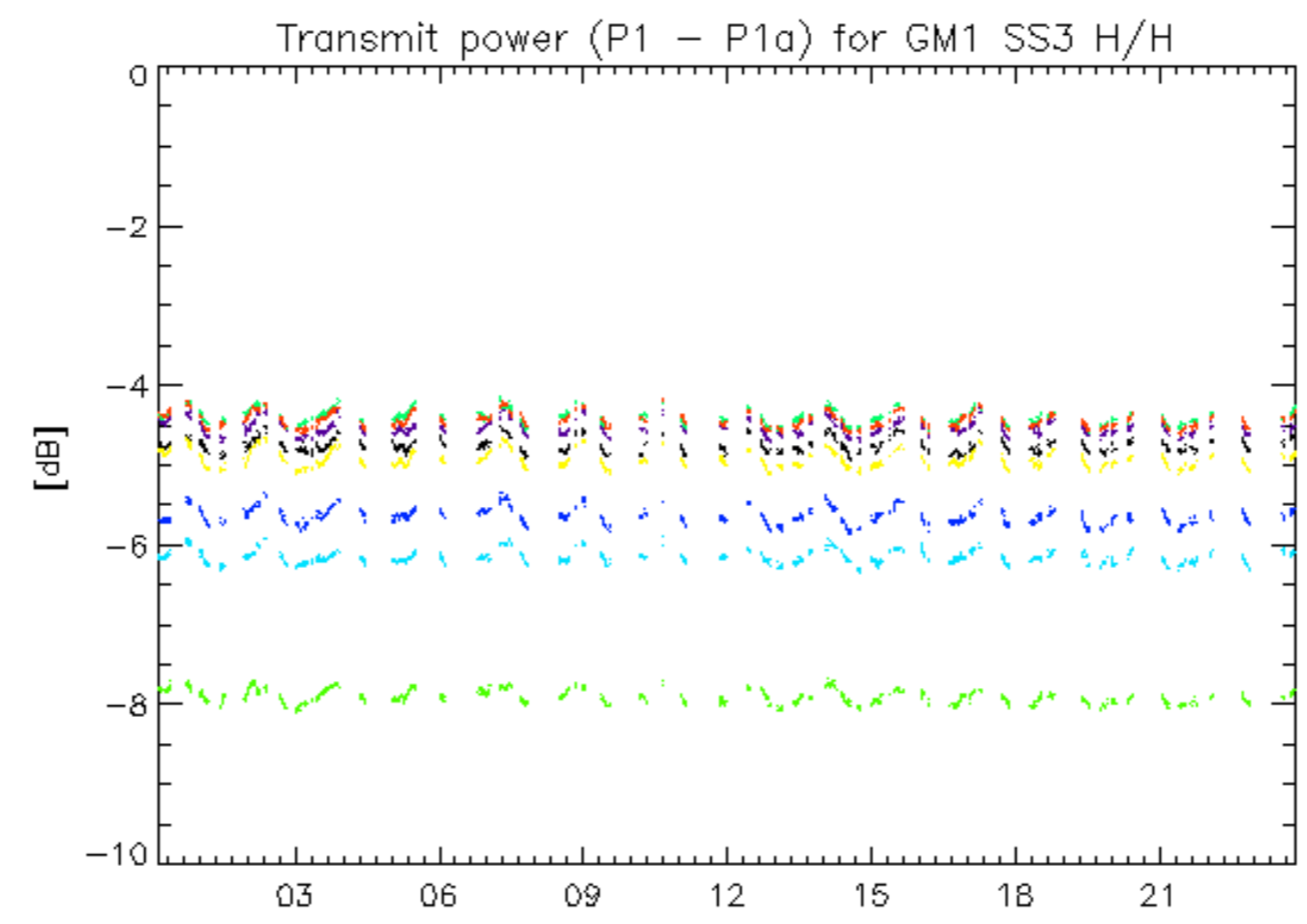




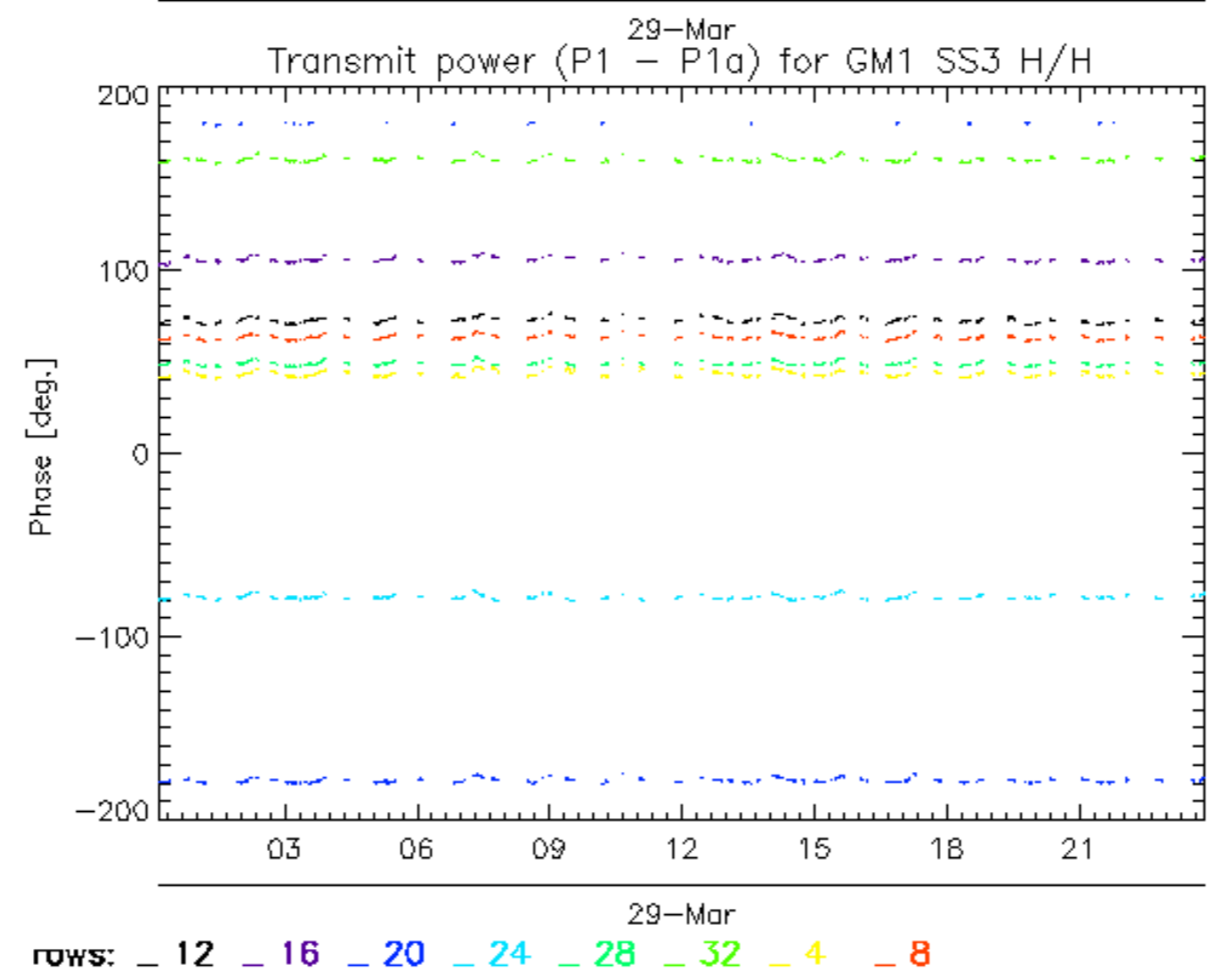
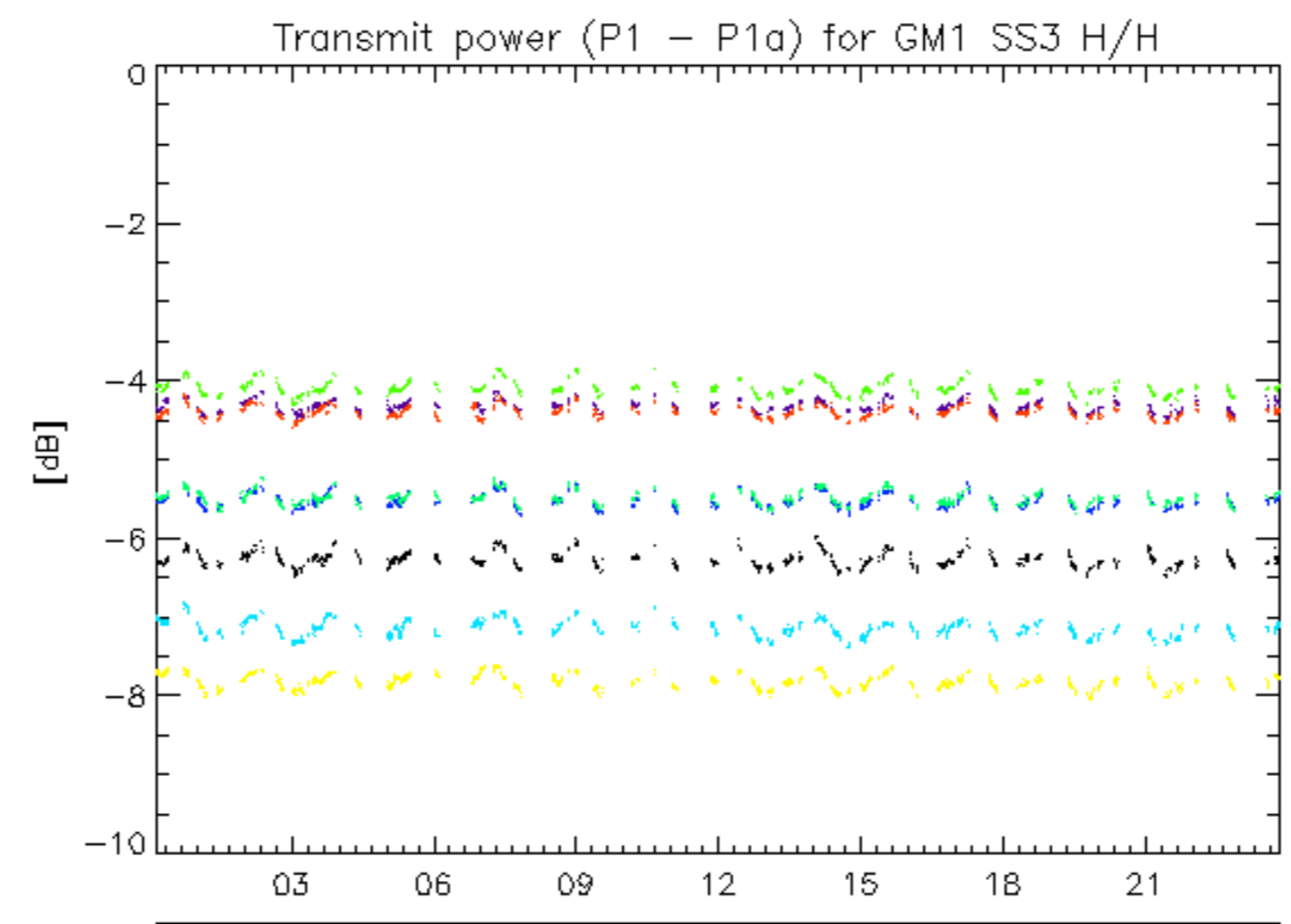


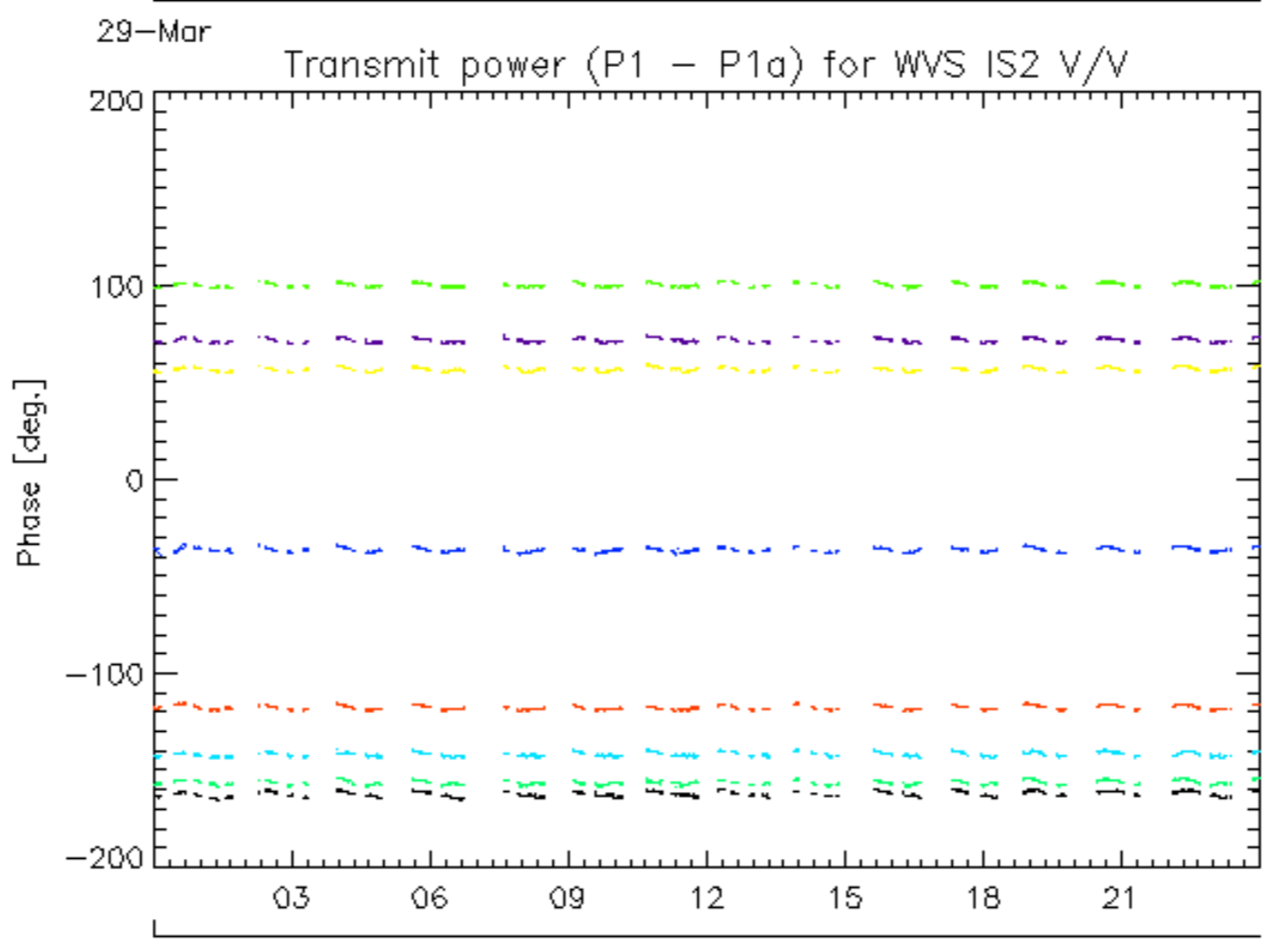
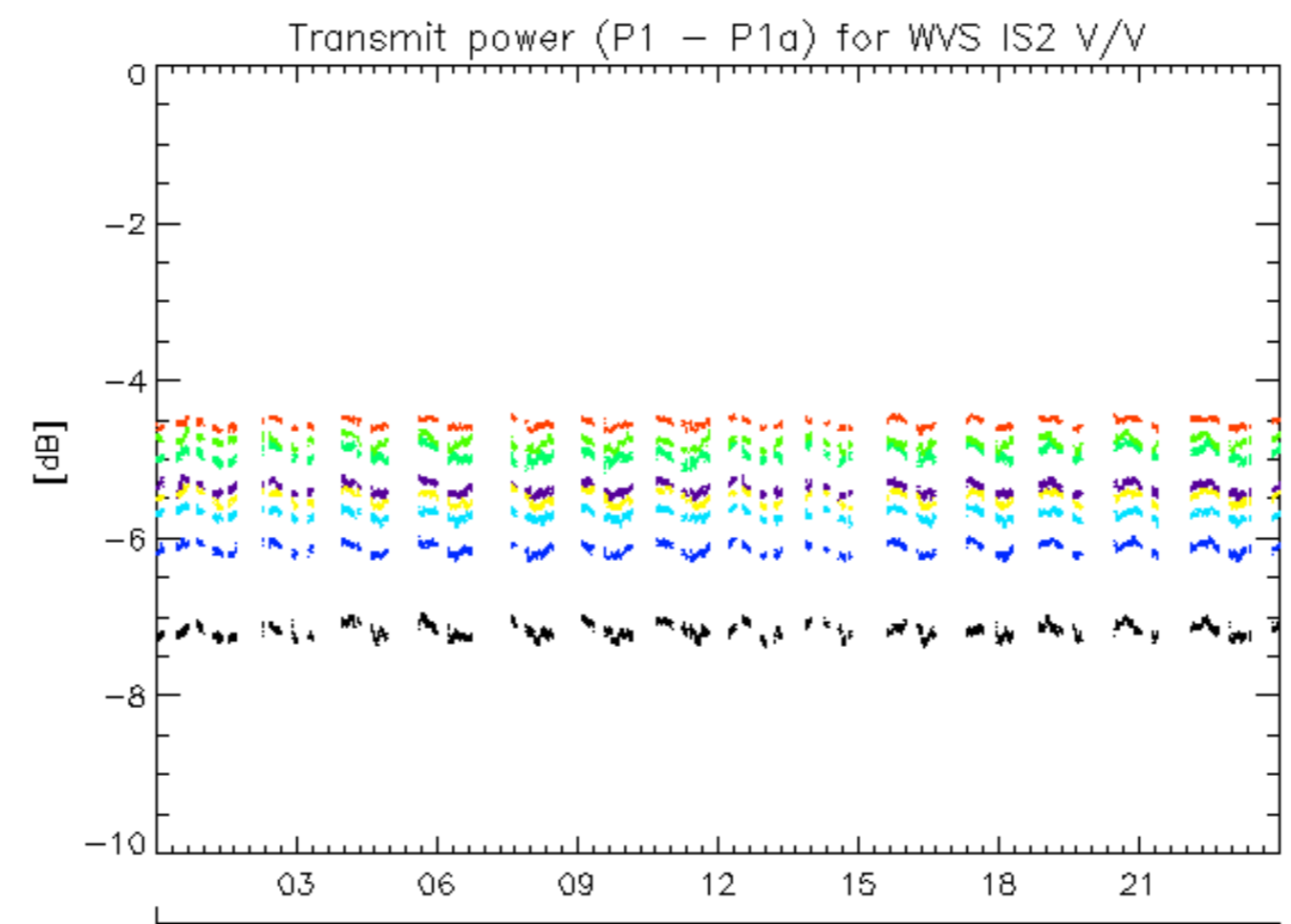


29-Mar
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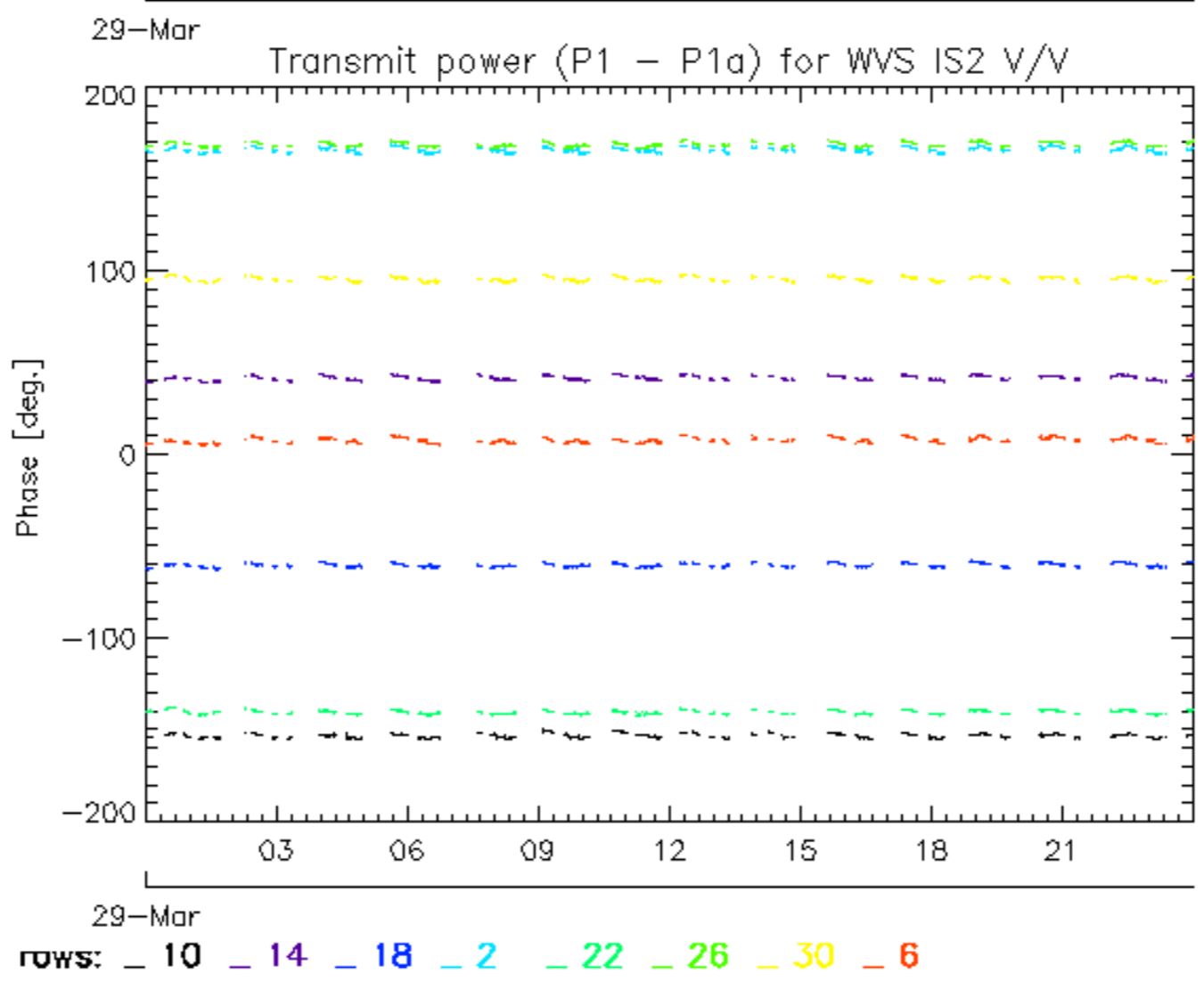
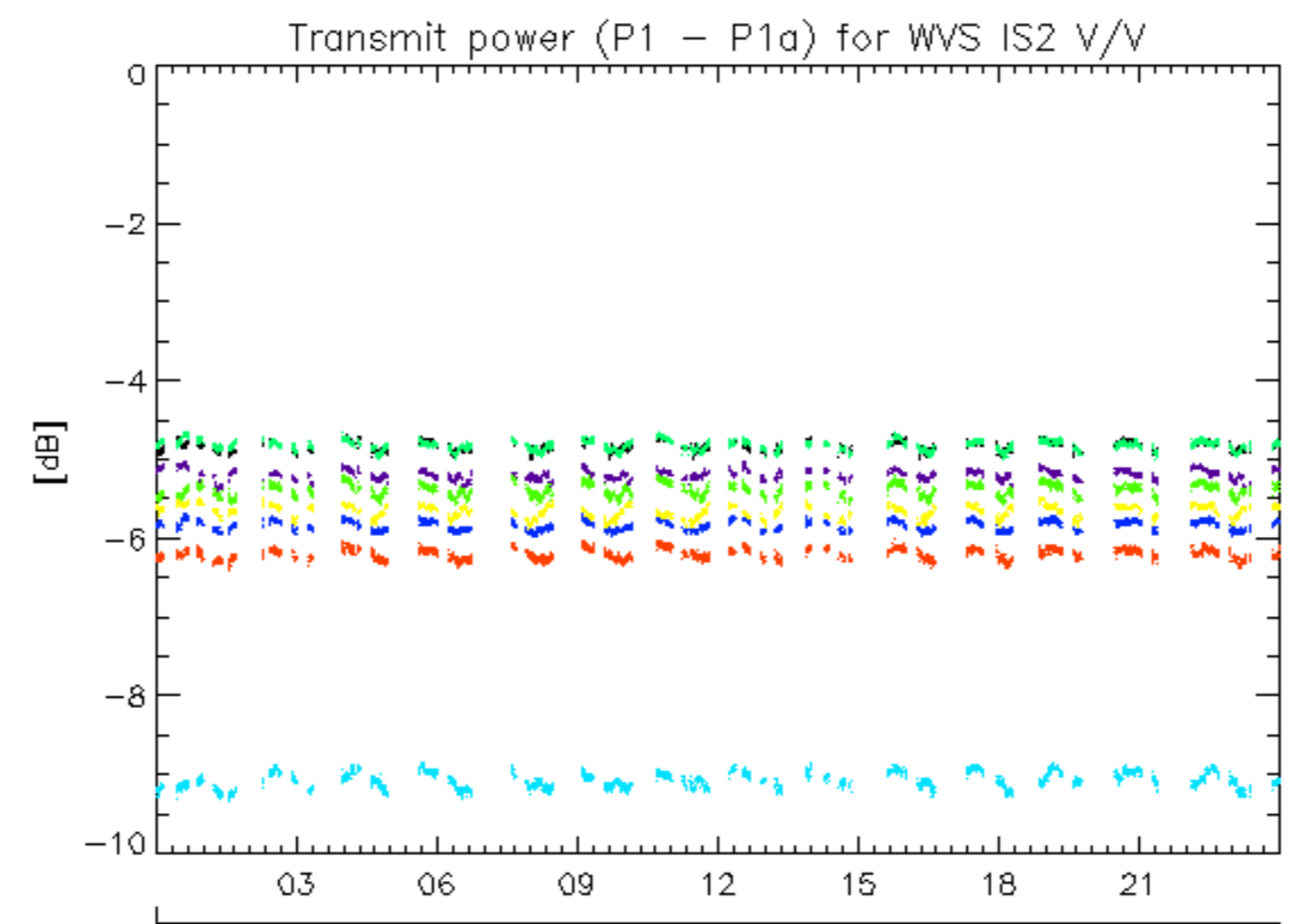


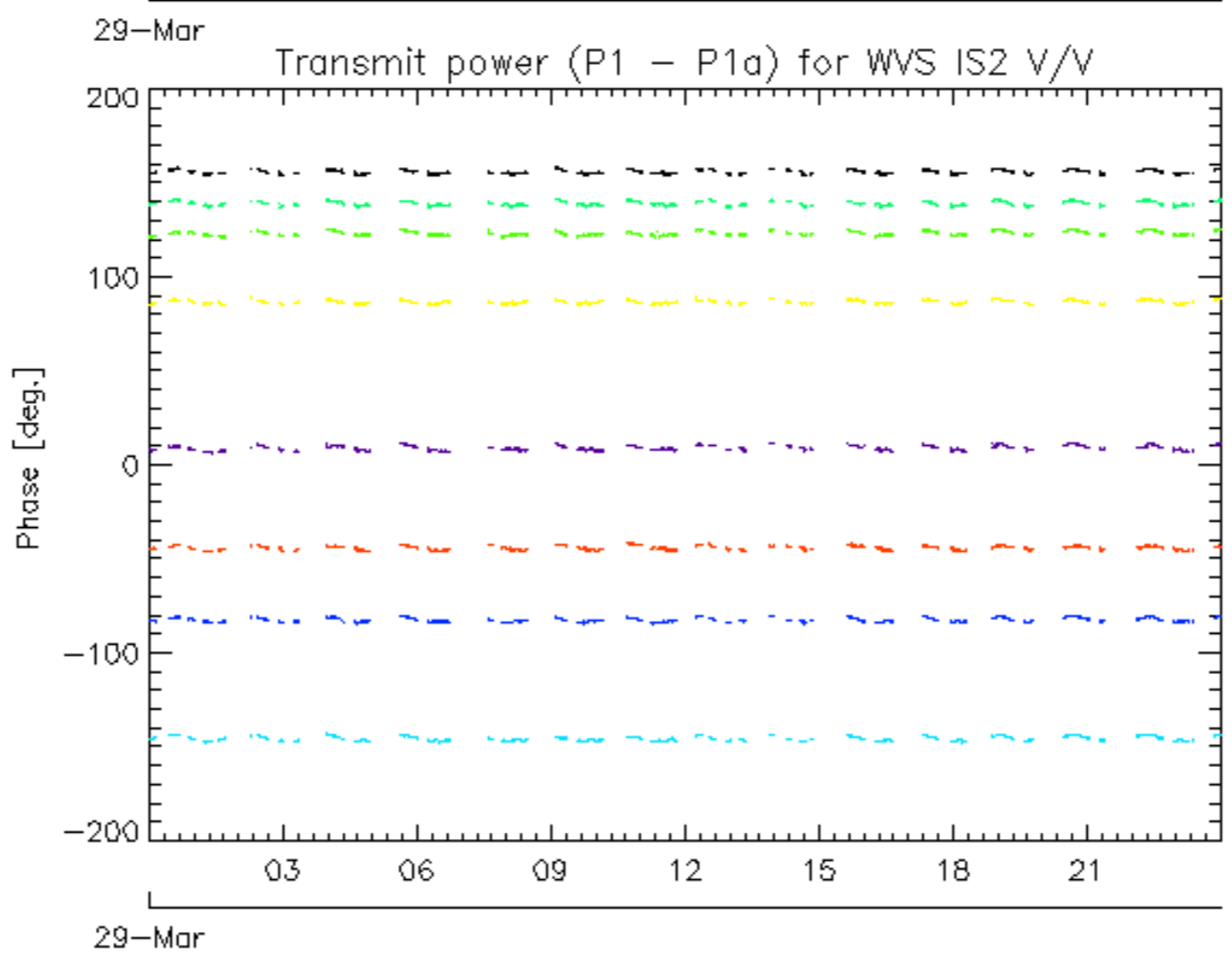
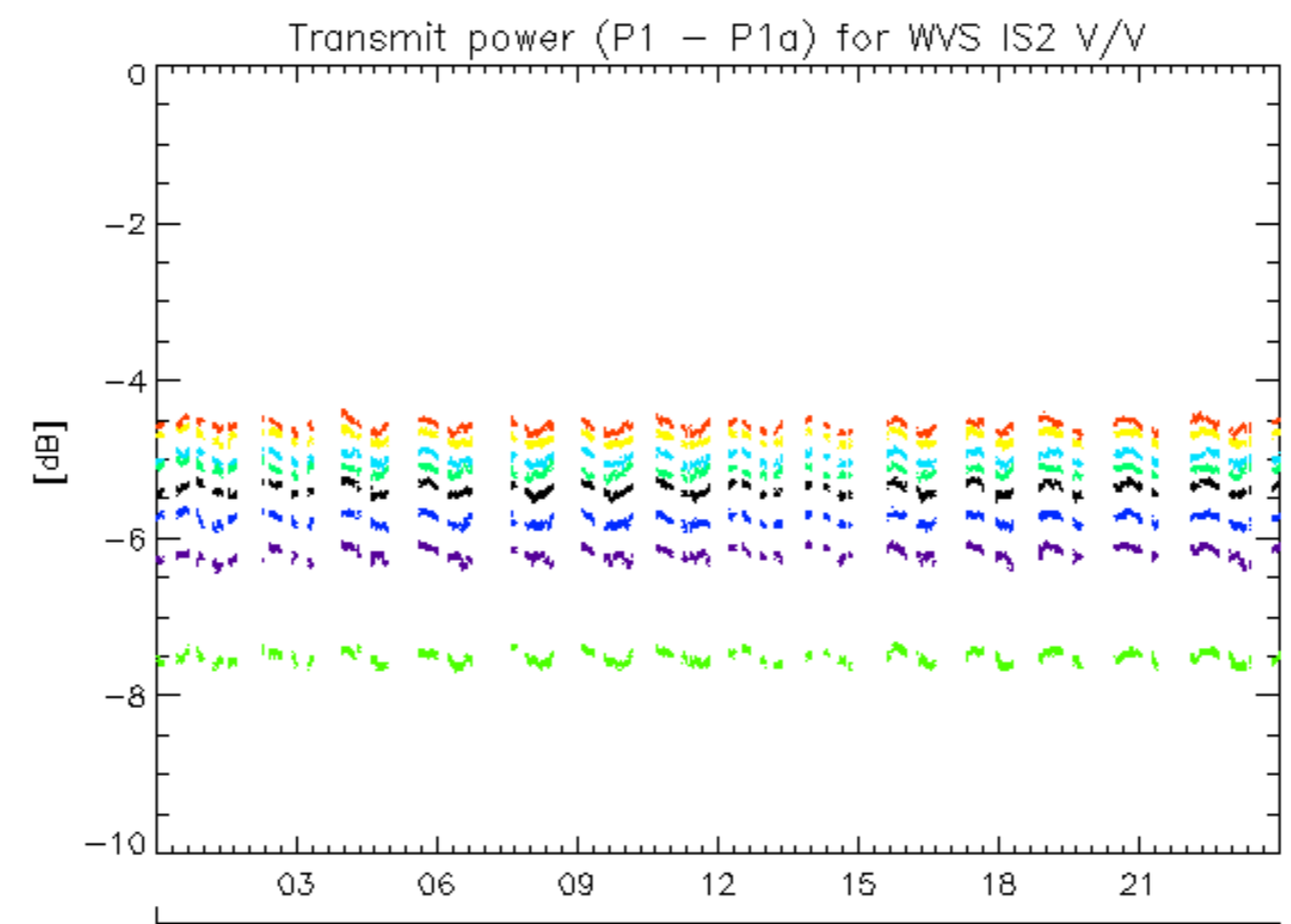
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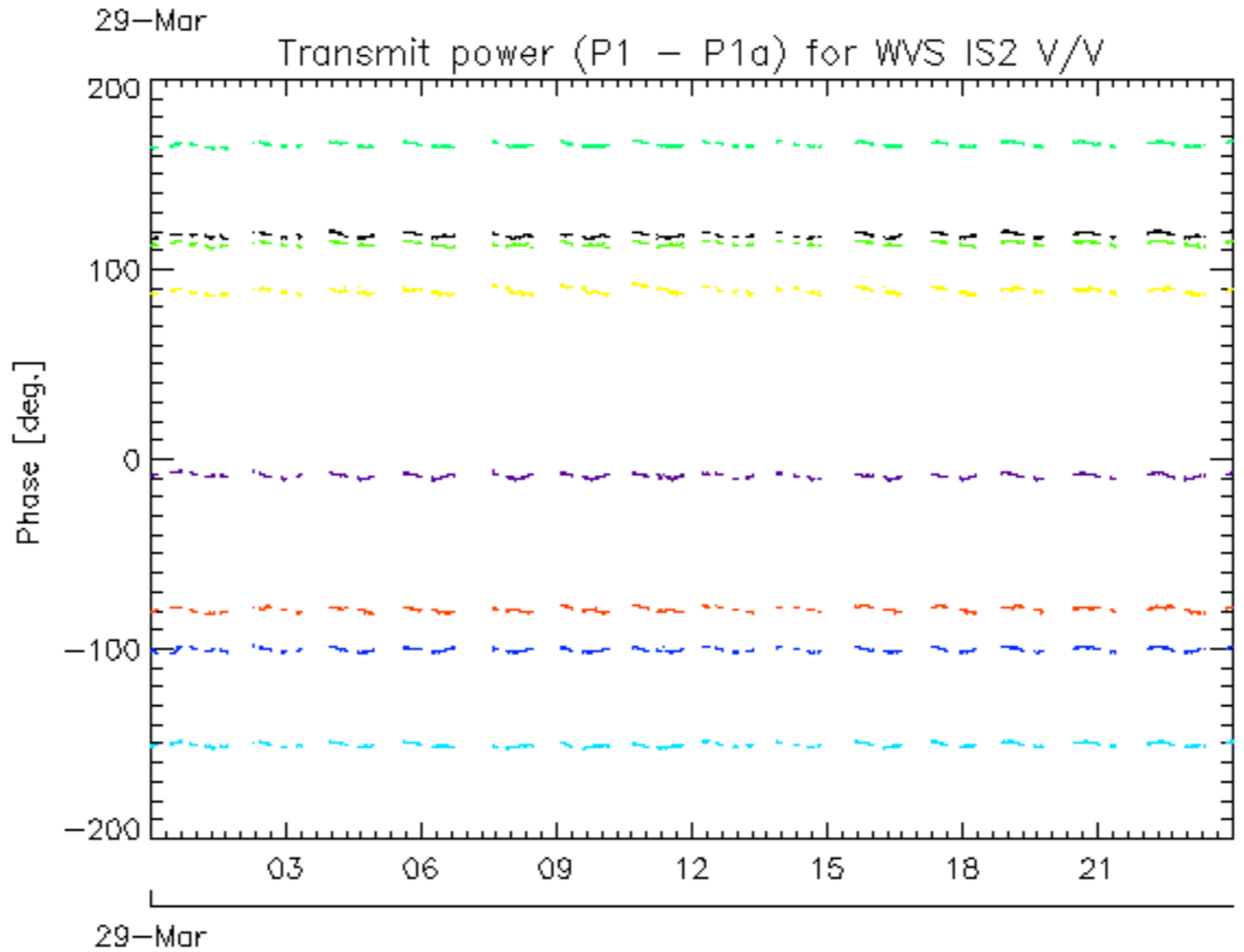
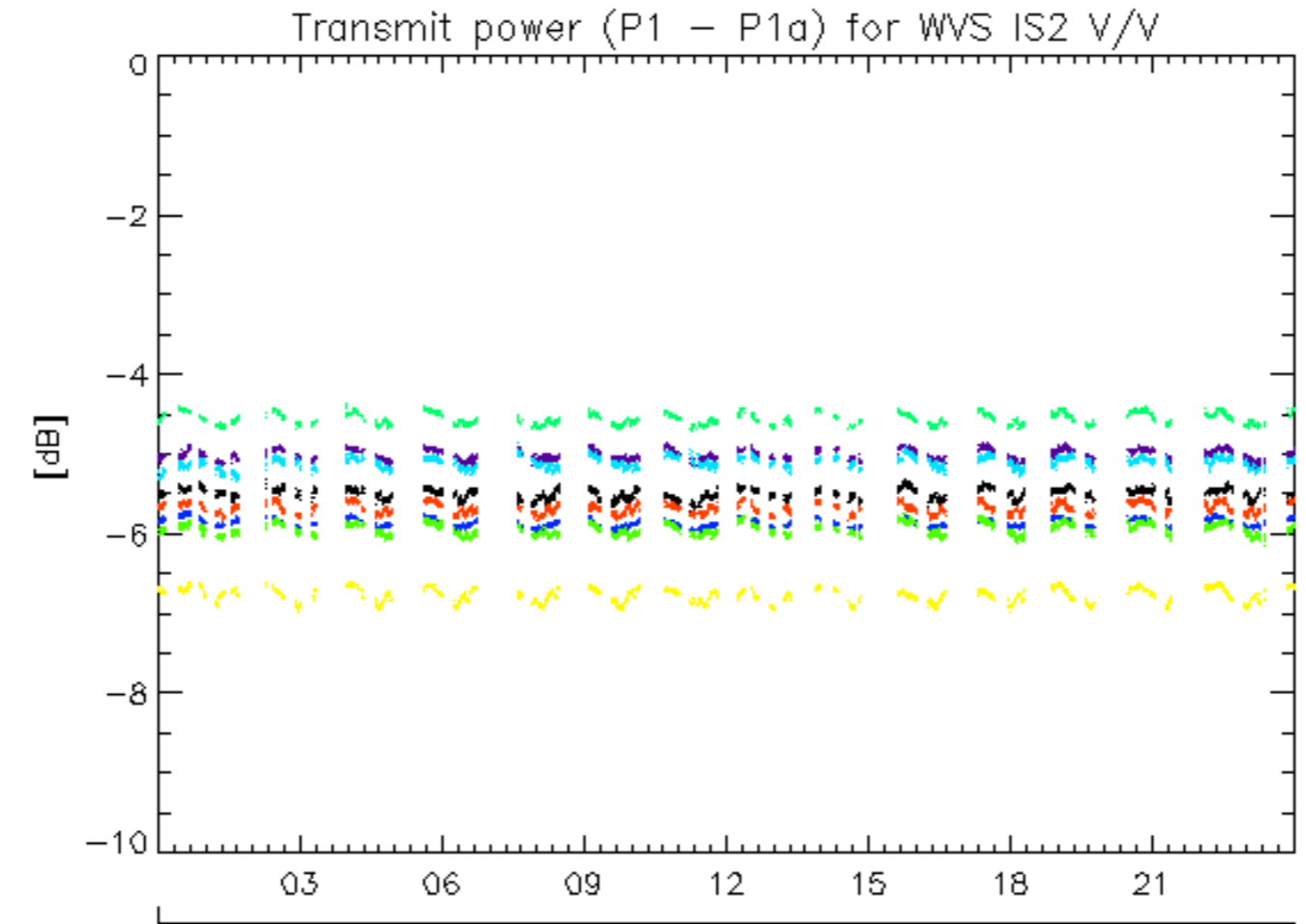


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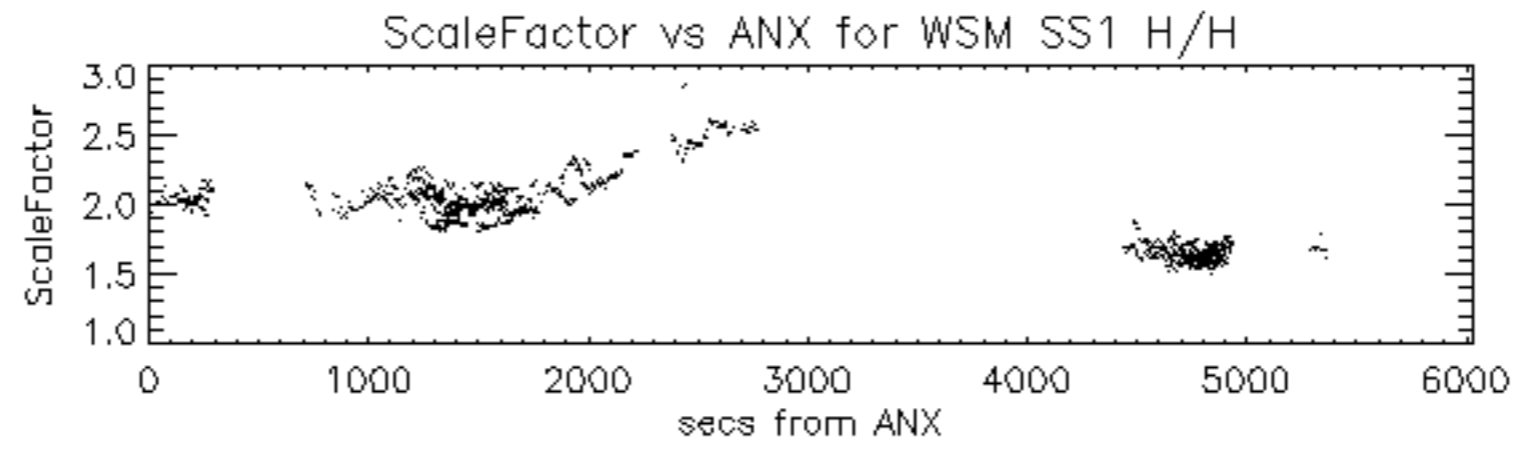


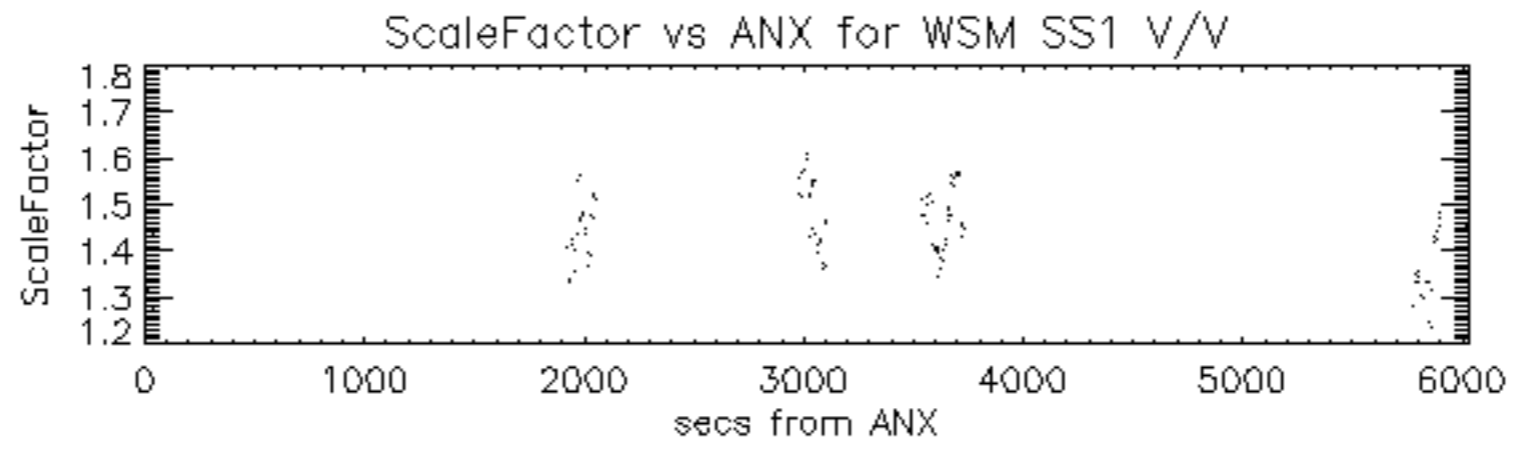


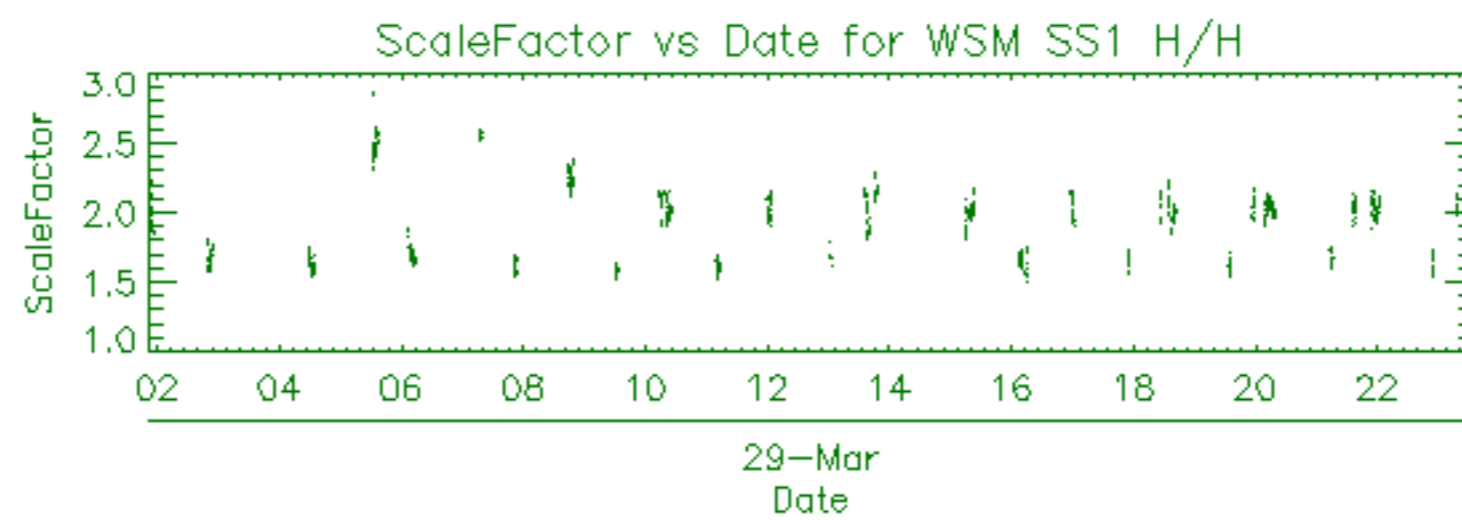
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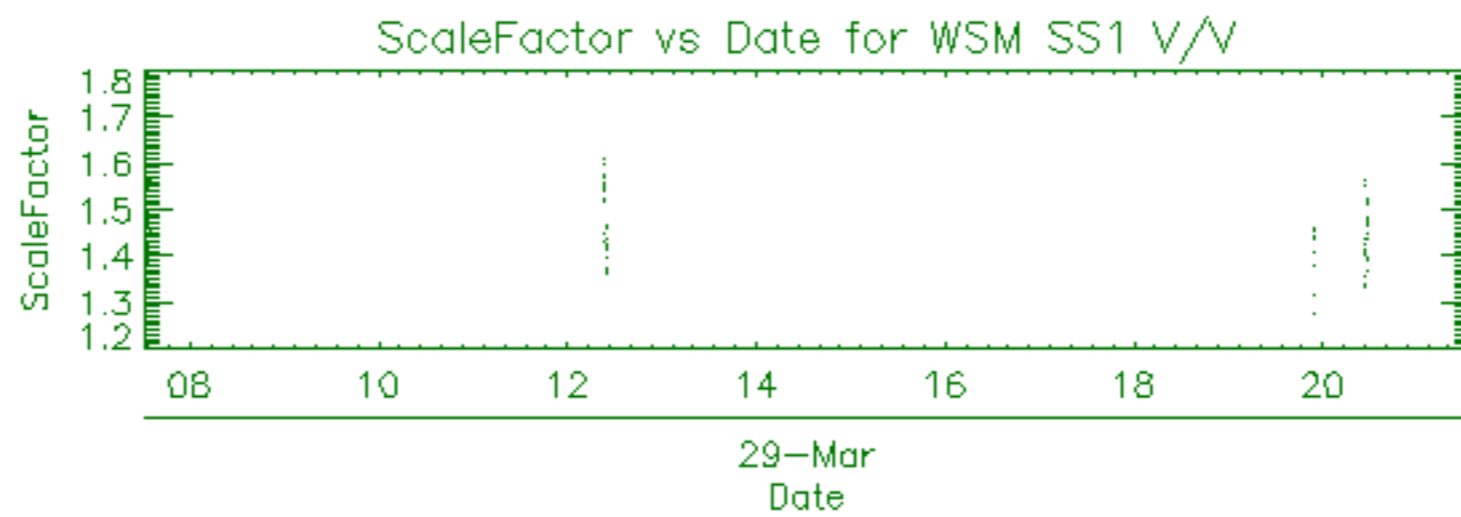


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| Filename | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion | | | | | |
|--|------|-----|-------------|----------|----------|-------------|-----|-----|-------|-----|------|
| ASA_APM_1PNPDE20120329_022054_000000433113_00118_52718_7300.N1 | | | | | | IS1 | V/H | 113 | 52718 | 118 | 5.04 |
| ASA_APM_1PNPDE20120329_035501_000001003113_00119_52719_7297.N1 | | | | | | IS4 | H/V | 113 | 52719 | 119 | 5.04 |
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| ASA_APM_1PNPDE20120329_072225_000000433113_00121_52721_7390.N1 | | | | | | IS7 | H/H | 113 | 52721 | 121 | 5.04 |
| ASA_APM_1PNPDE20120329_072520_000001143113_00121_52721_7391.N1 | | | | | | IS4 | H/V | 113 | 52721 | 121 | 5.04 |
| ASA_APM_1PNPDK20120329_090406_000000433113_00122_52722_5018.N1 | | | | | | IS1 | V/H | 113 | 52722 | 122 | 5.04 |
| ASA_APM_1PNPDE20120329_140119_000000823113_00125_52725_7524.N1 | | | | | | IS1 | V/H | 113 | 52725 | 125 | 5.04 |
| ASA_APM_1PNPDE20120329_233721_000003233113_00131_52731_7589.N1 | | | | | | IS2 | V/H | 113 | 52731 | 131 | 5.04 |

| Filename | Beam | Pol | CycleNumber | absOrbit | relOrbit | procVersion | | | | | |
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| ASA_GM1_1PNPDE20120329_000852_000009853113_00117_52717_7283.N1 | | | | | | SS1 | H/H | 113 | 52717 | 117 | 5.04 |
| ASA_GM1_1PNPDE20120329_004221_000001143113_00117_52717_7282.N1 | | | | | | SS1 | H/H | 113 | 52717 | 117 | 5.04 |
| ASA_GM1_1PNPDE20120329_004511_000003563113_00117_52717_7285.N1 | | | | | | SS1 | H/H | 113 | 52717 | 117 | 5.04 |
| ASA_GM1_1PNPDE20120329_010017_000007793113_00117_52717_7287.N1 | | | | | | SS1 | H/H | 113 | 52717 | 117 | 5.04 |
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| ASA_GM1_1PNPDE20120329_012702_000002833113_00117_52717_7298.N1 | | | | | | SS1 | H/H | 113 | 52717 | 117 | 5.04 |
| ASA_GM1_1PNPDE20120329_015606_000008823113_00118_52718_7304.N1 | | | | | | SS1 | H/H | 113 | 52718 | 118 | 5.04 |
| ASA_GM1_1PNPDE20120329_021202_000002293113_00118_52718_7324.N1 | | | | | | SS1 | H/H | 113 | 52718 | 118 | 5.04 |
| ASA_GM1_1PNPDE20120329_022155_000001503113_00118_52718_7323.N1 | | | | | | SS1 | H/H | 113 | 52718 | 118 | 5.04 |
| ASA_GM1_1PNPDE20120329_024031_000005373113_00118_52718_7319.N1 | | | | | | SS1 | H/H | 113 | 52718 | 118 | 5.04 |
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| ASA_GM1_1PNPDE20120329_042045_000004223113_00119_52719_7355.N1 | | | | | | SS1 | H/H | 113 | 52719 | 119 | 5.04 |
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| ASA_GM1_1PNPDE20120329_071906_000001993113_00121_52721_7400.N1 | | | | | | SS1 | H/H | 113 | 52721 | 121 | 5.04 |
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| ASA_GM1_1PNPDK20120329_074112_000005253113_00121_52721_4983.N1 | | | | | | SS1 | H/H | 113 | 52721 | 121 | 5.04 |
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| ASA_GM1_1PNPDK20120329_083957_000002353113_00122_52722_5016.N1 | | | | | | SS1 | H/H | 113 | 52722 | 122 | 5.04 |
| ASA_GM1_1PNPDK20120329_085015_000001143113_00122_52722_5017.N1 | | | | | | SS1 | H/H | 113 | 52722 | 122 | 5.04 |
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| ASA_GM1_1PNPDK20120329_114942_000005733113_00124_52724_5065.N1 | | | | | | SS1 | H/H | 113 | 52724 | 124 | 5.04 |
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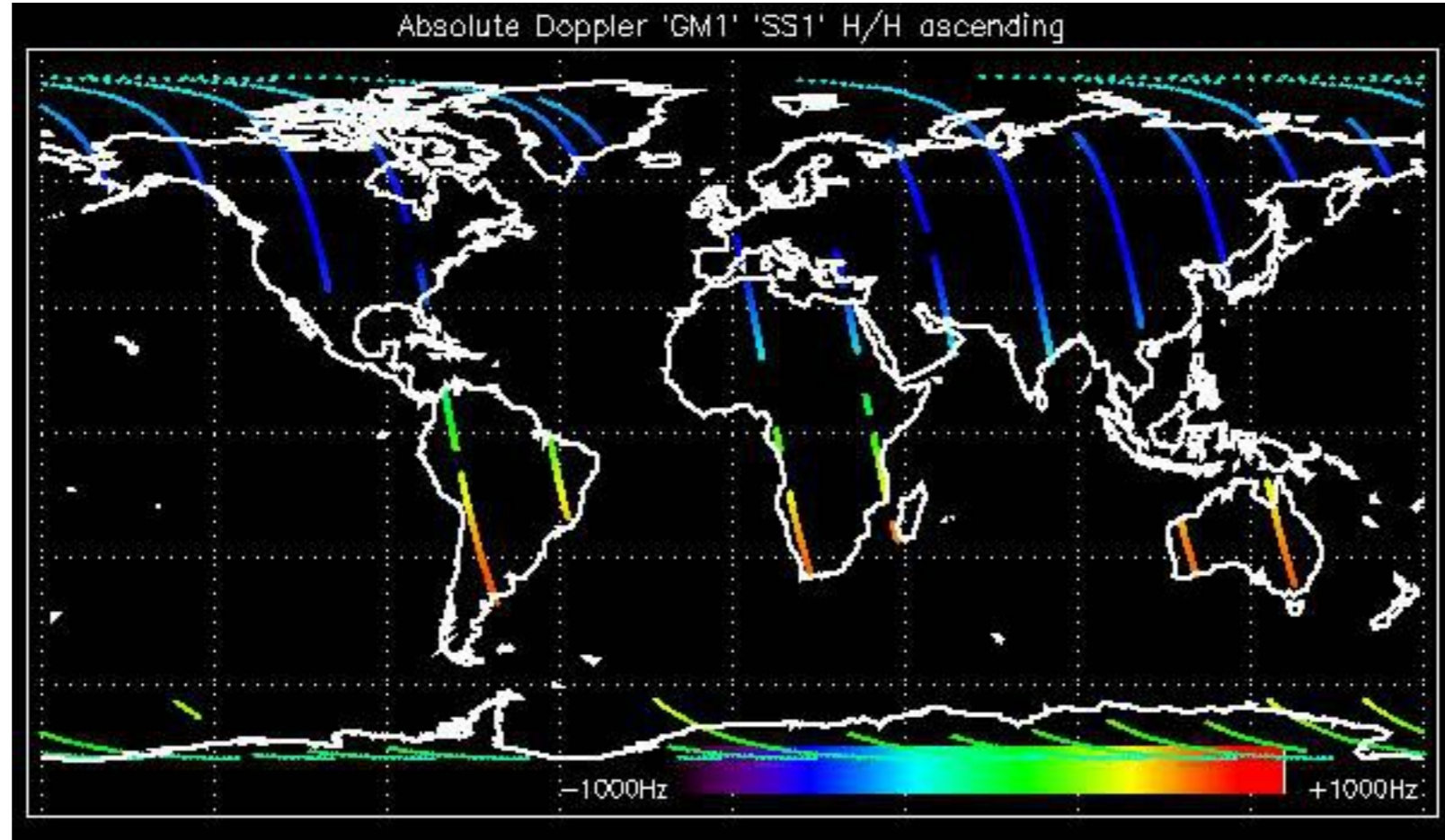
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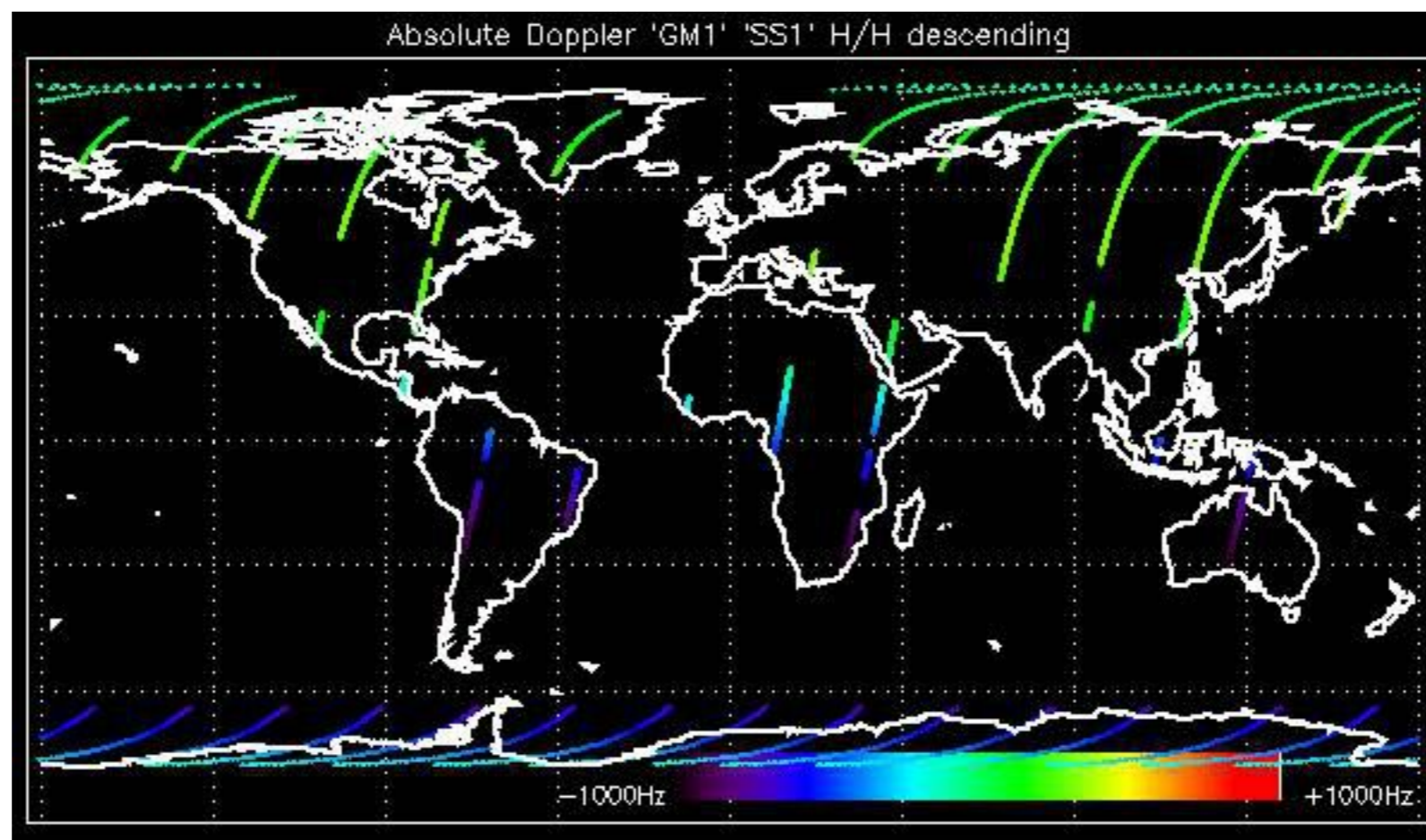
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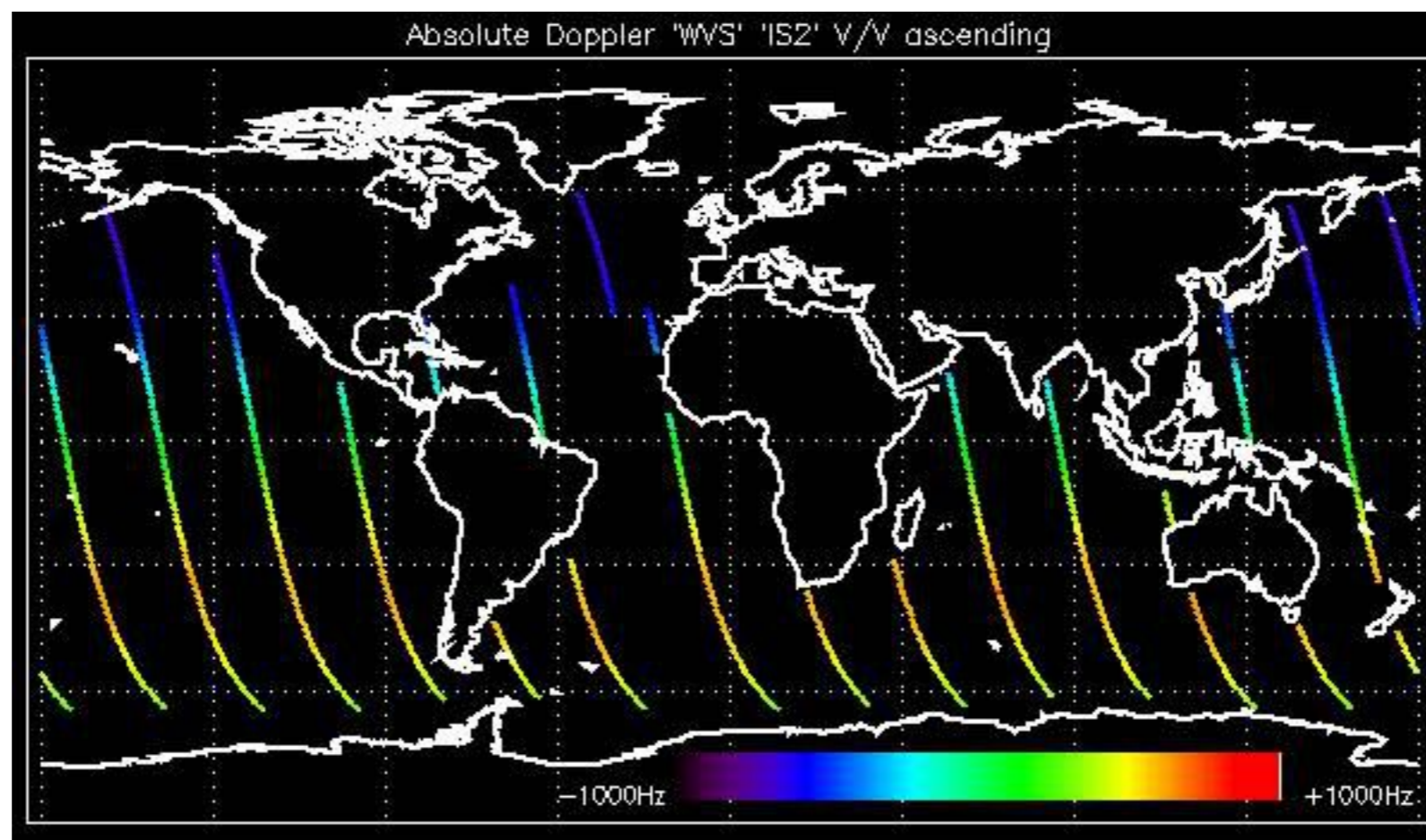
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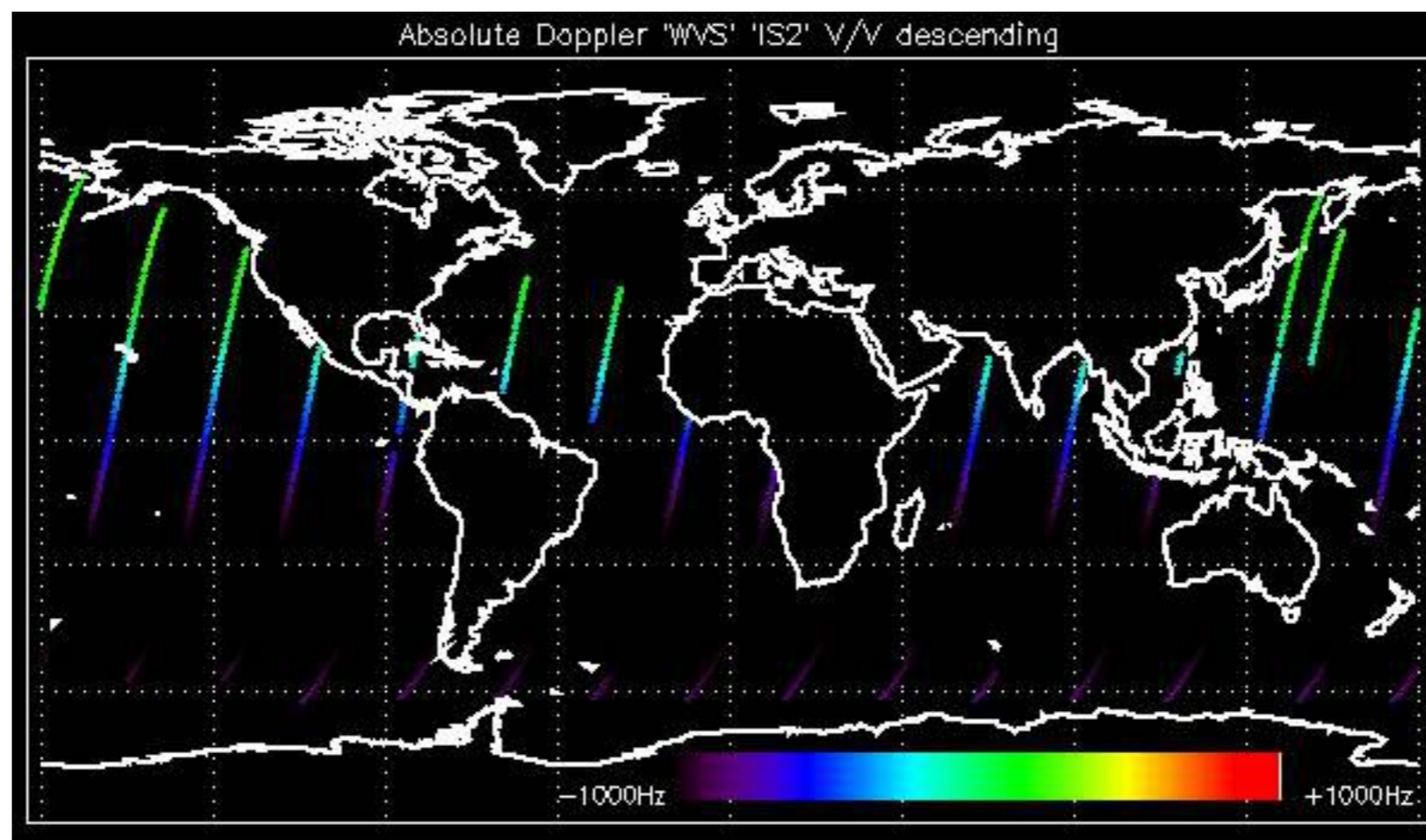
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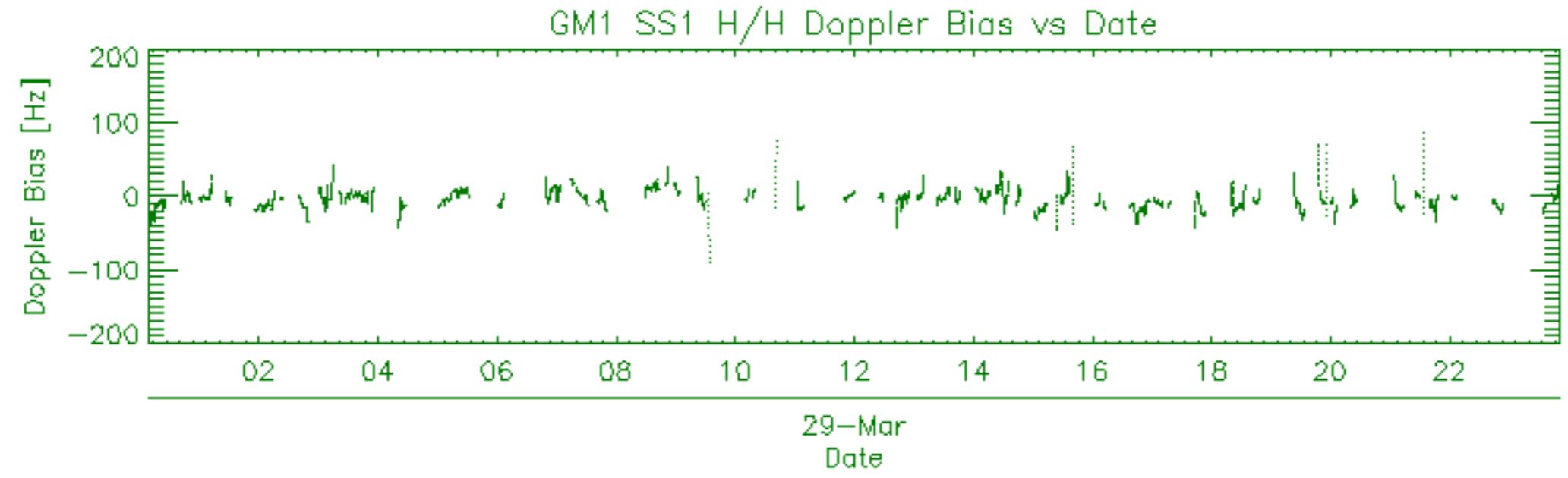
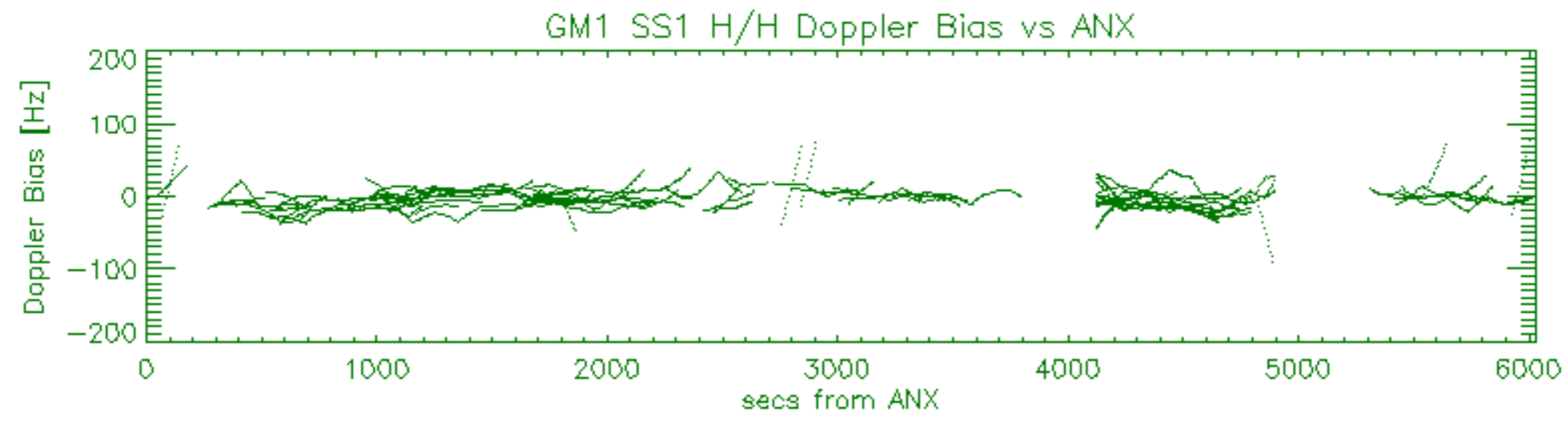
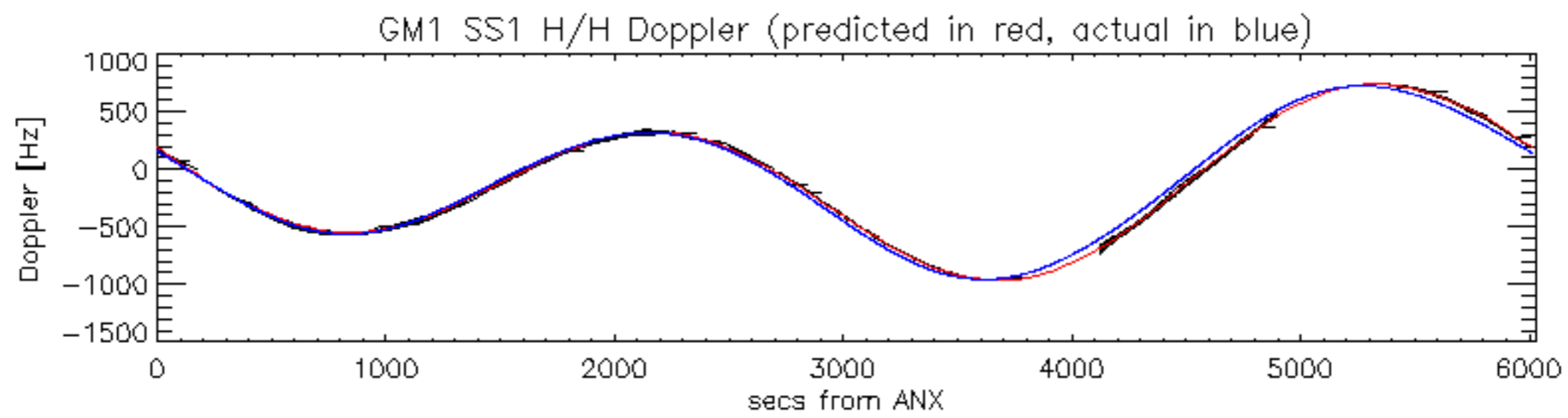
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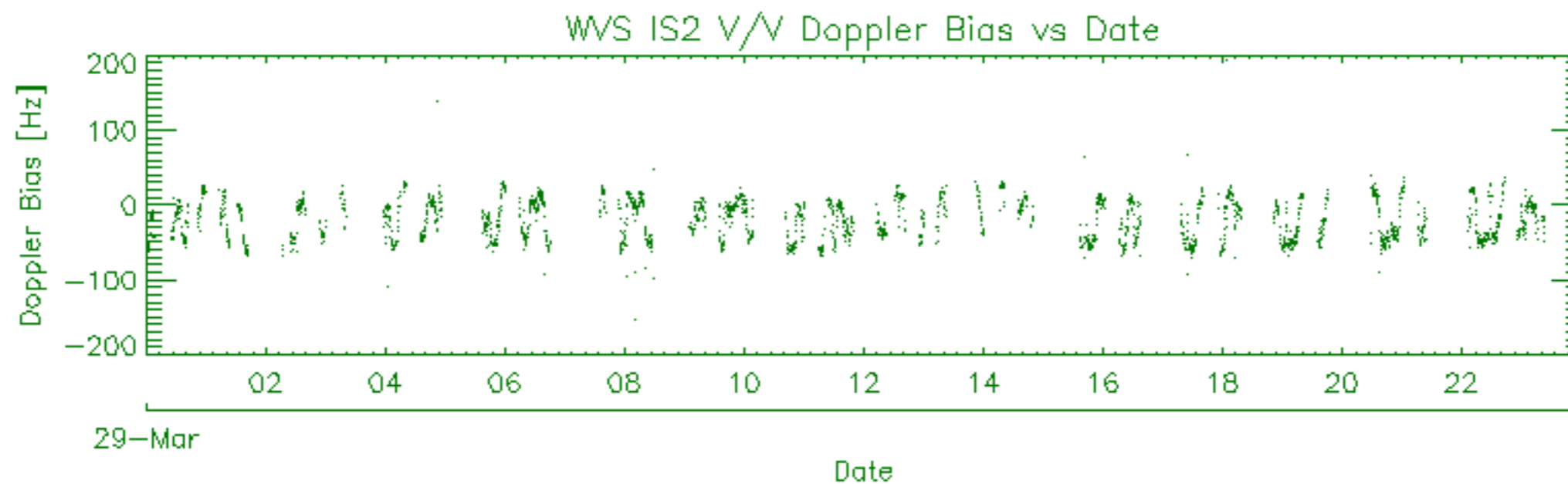
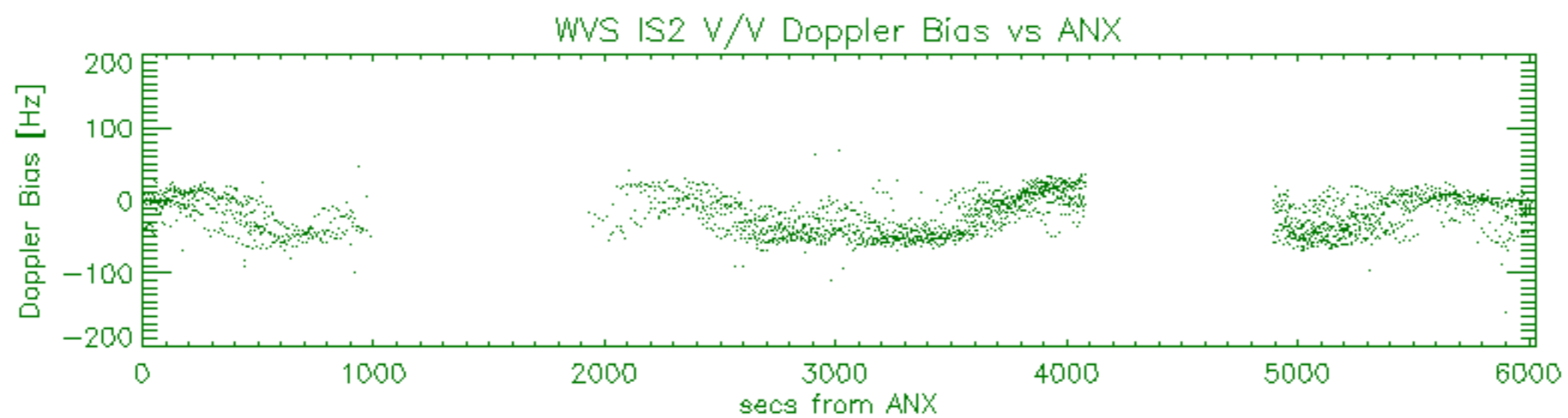
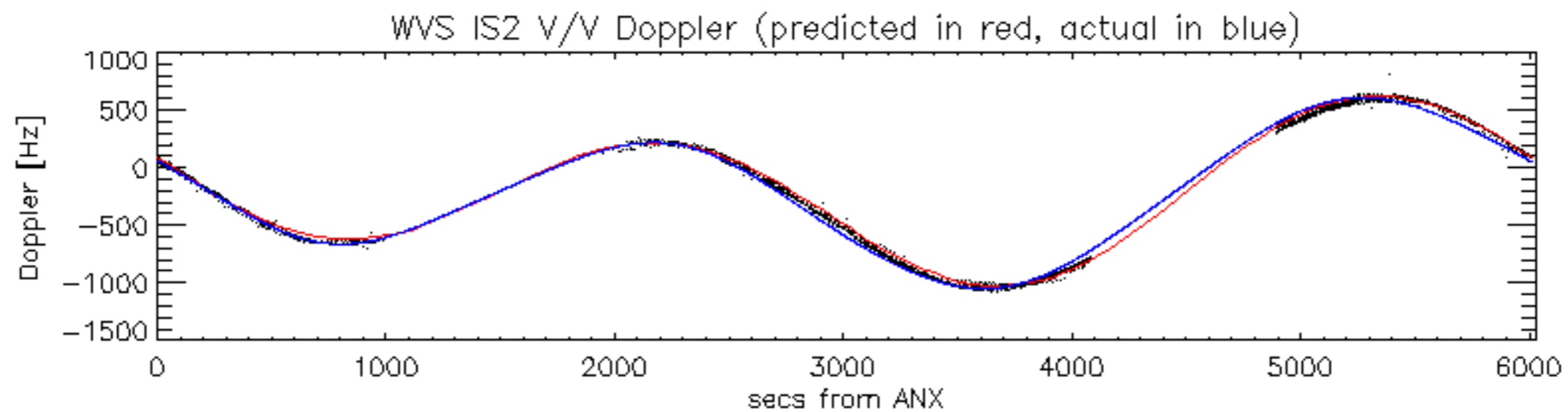


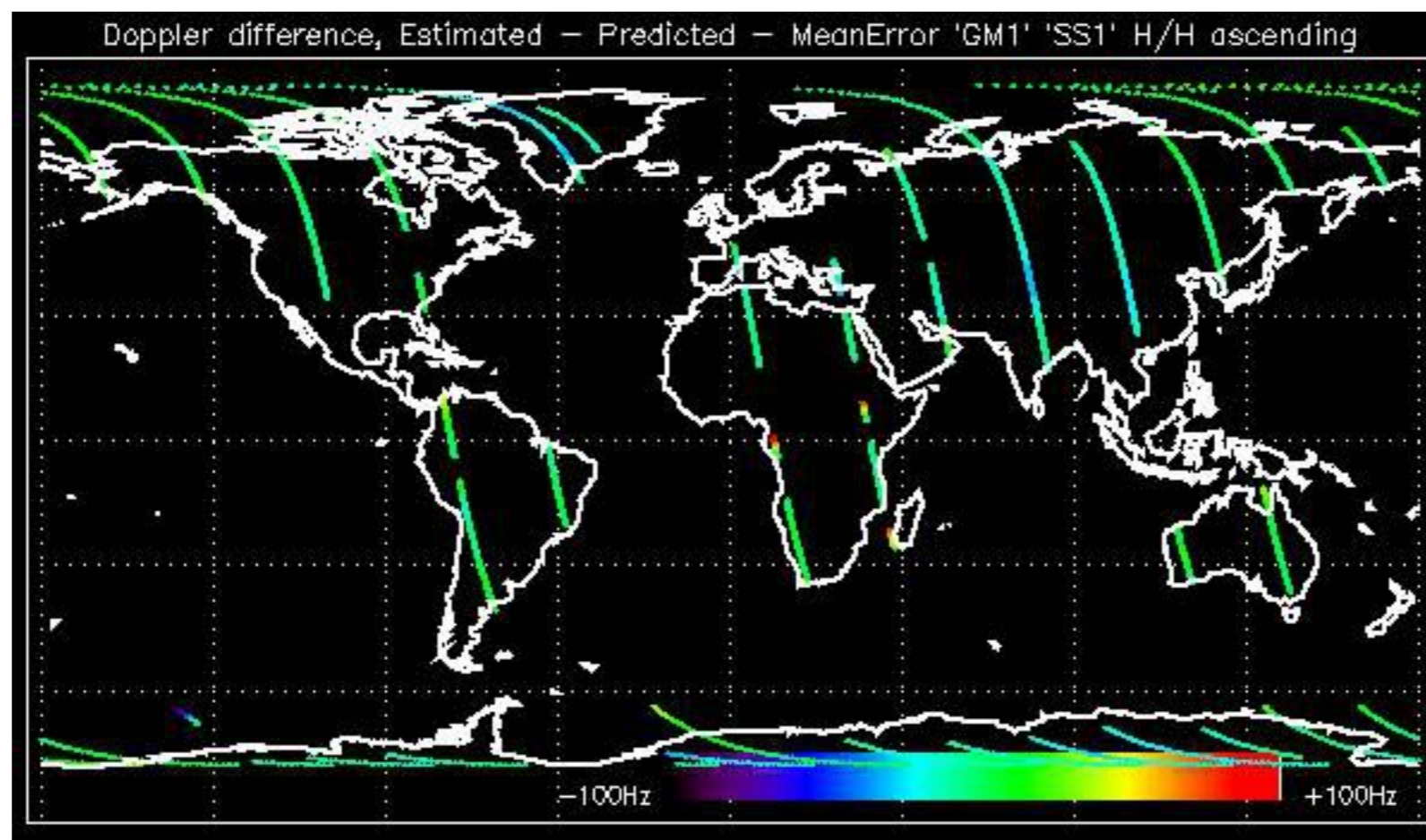


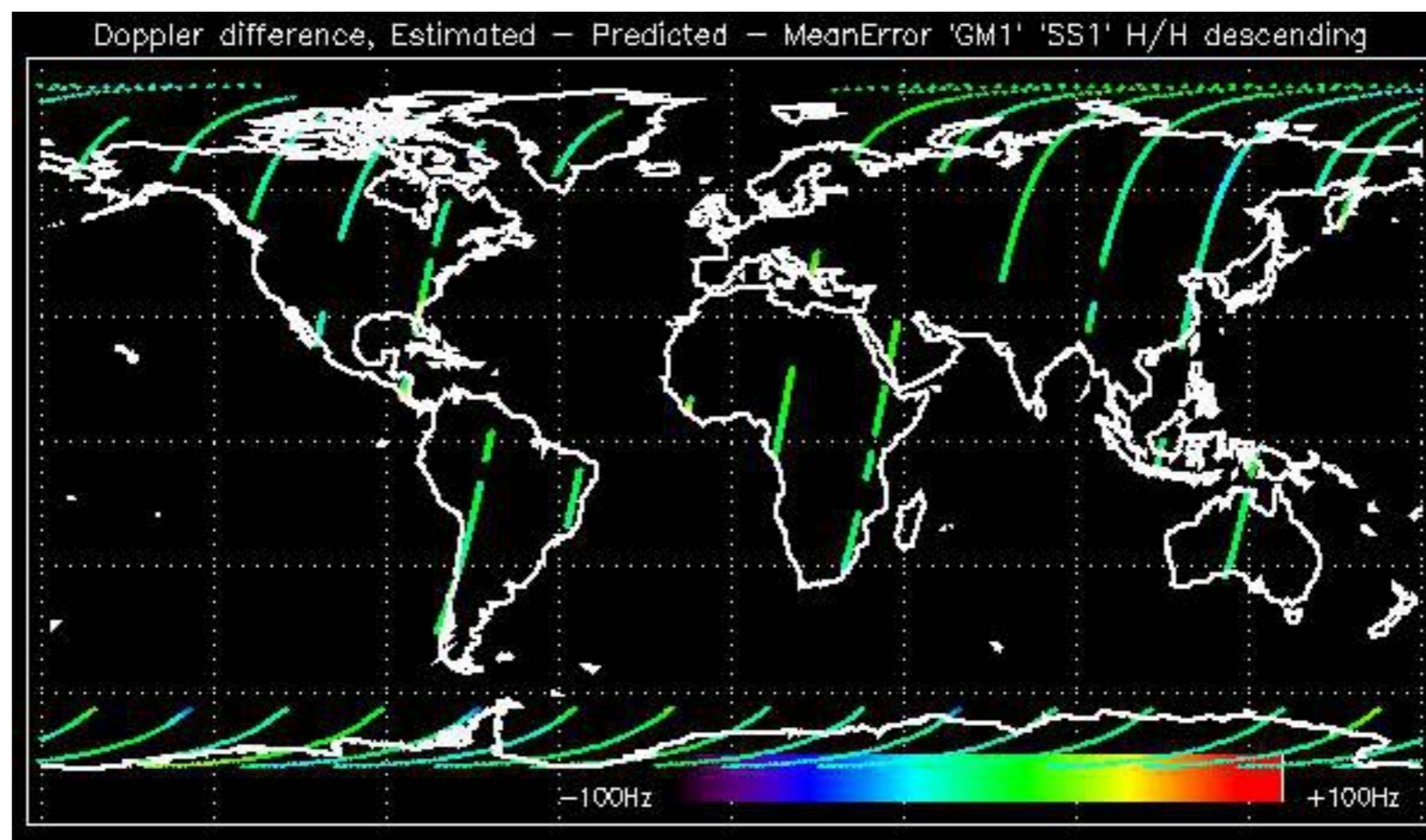


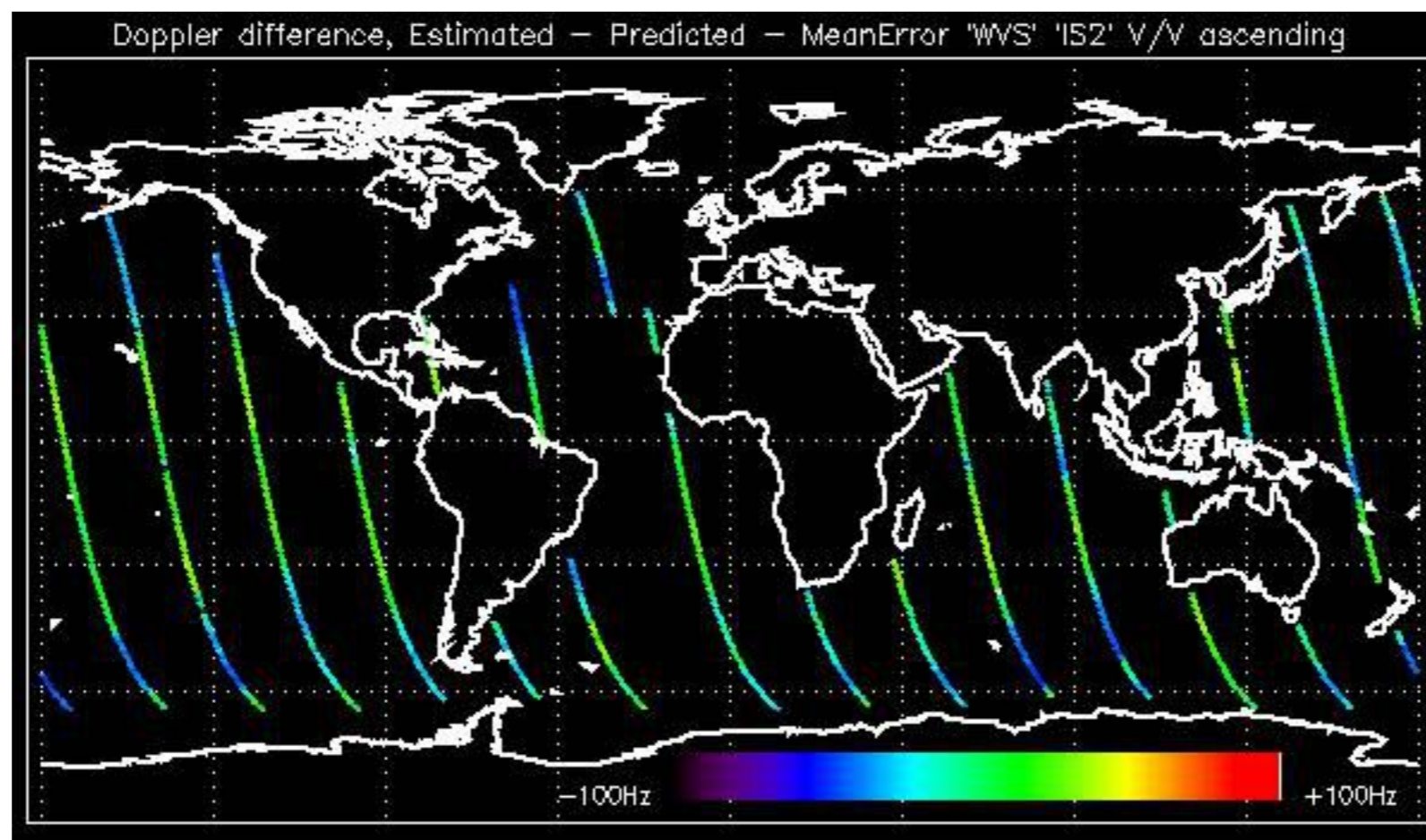


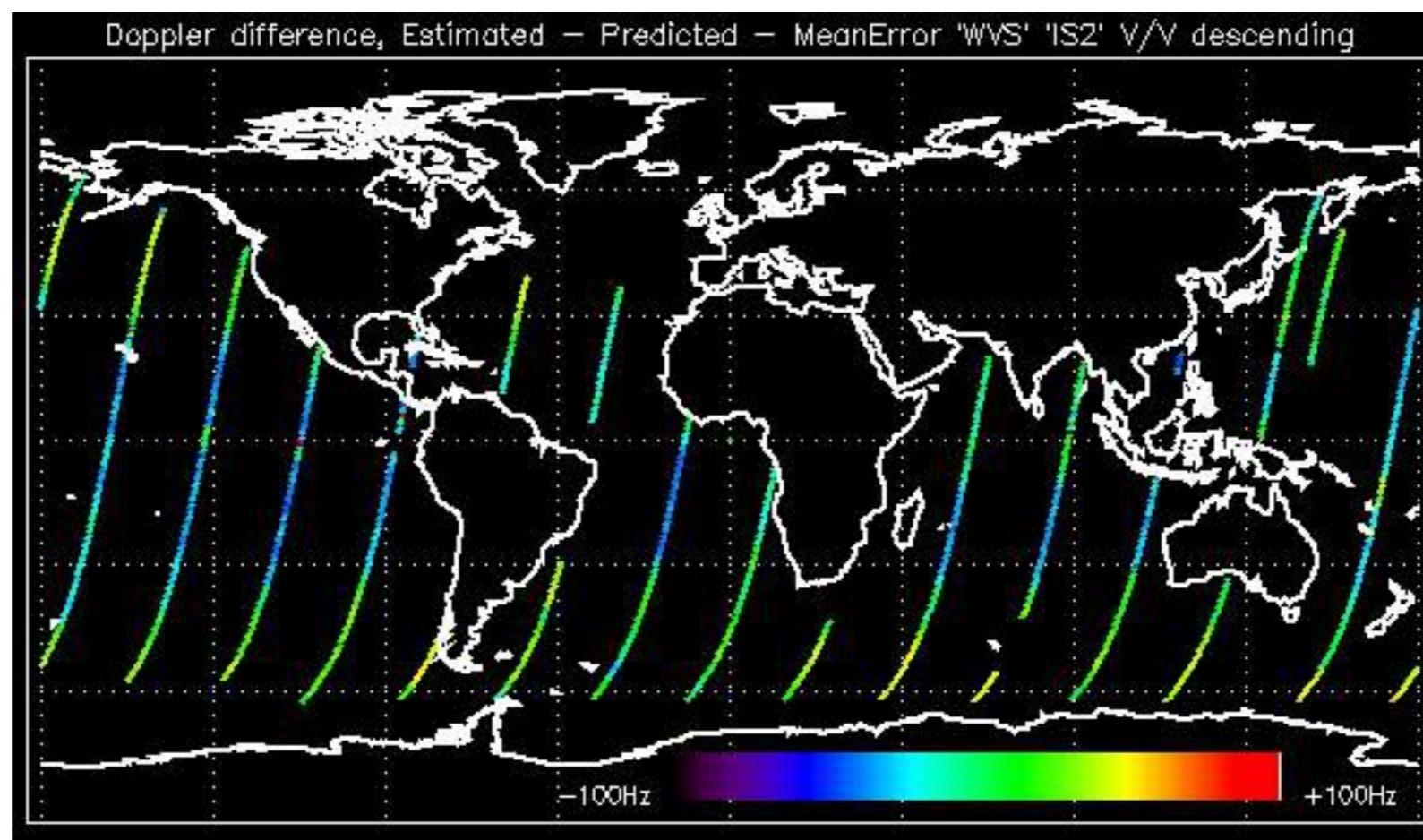


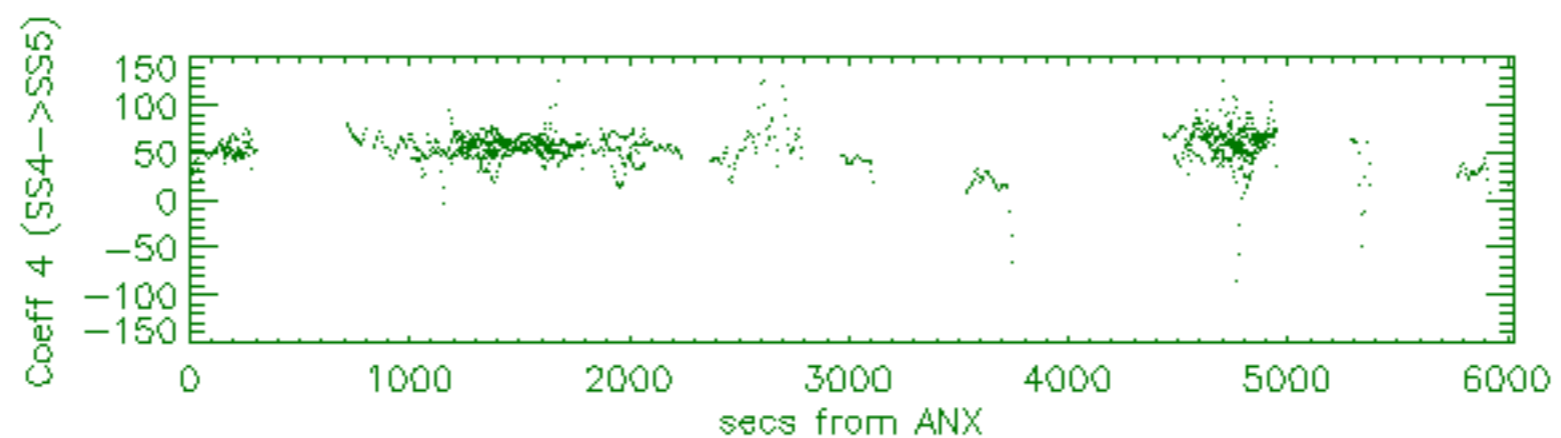
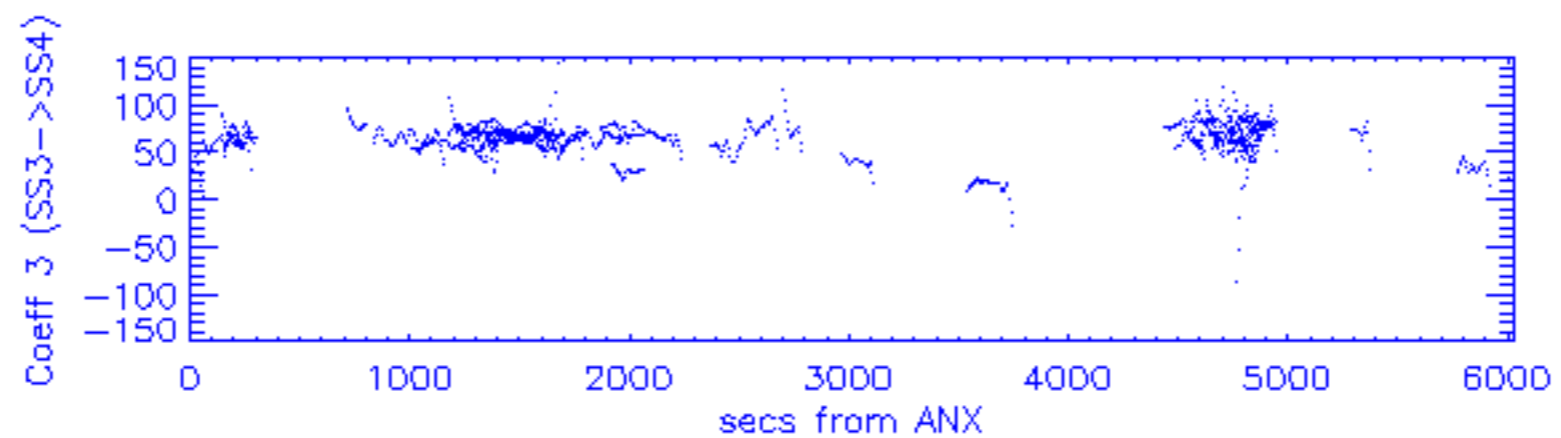
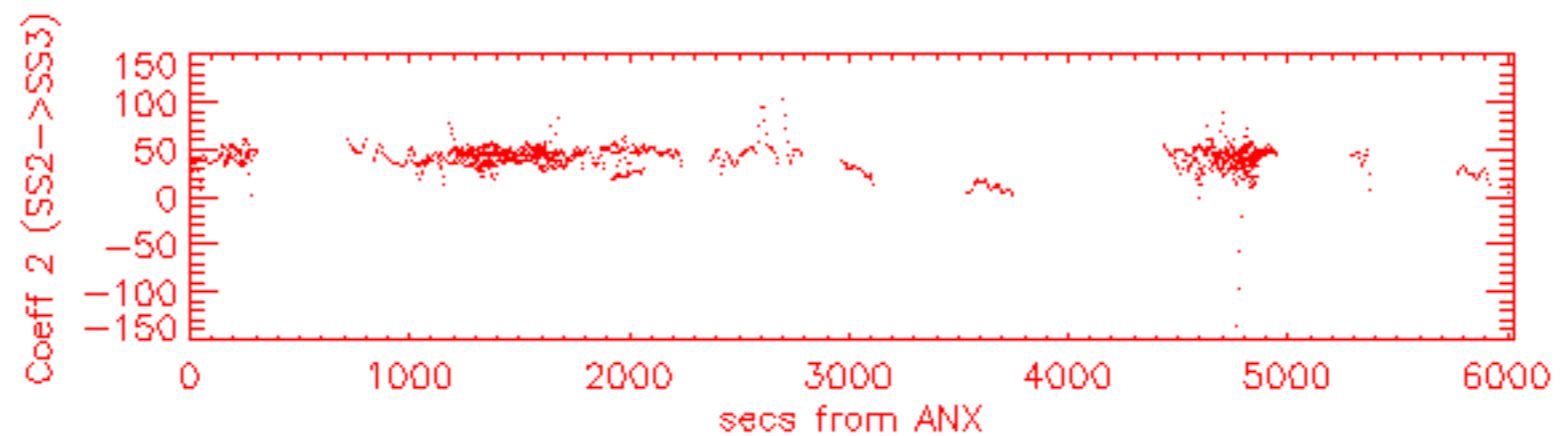
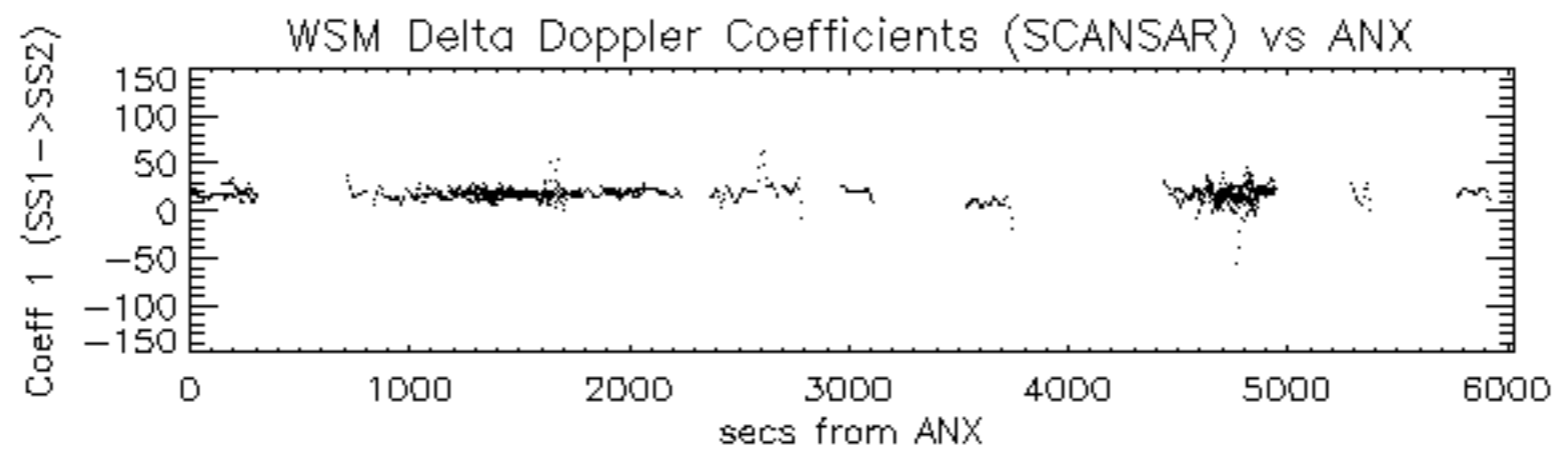


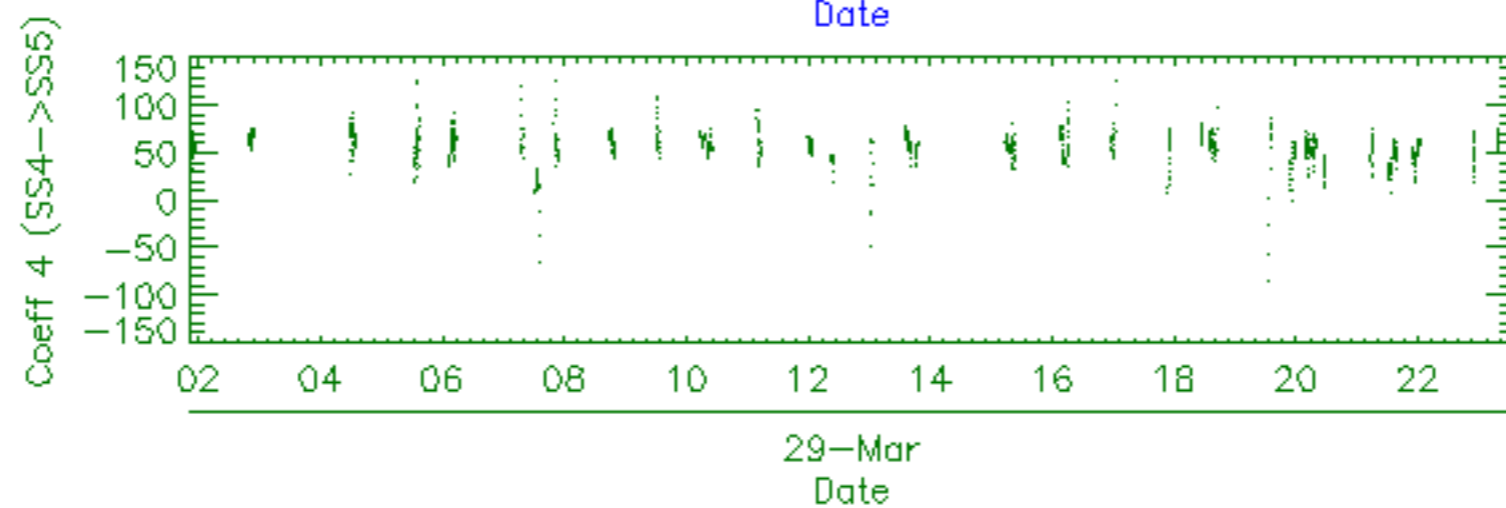
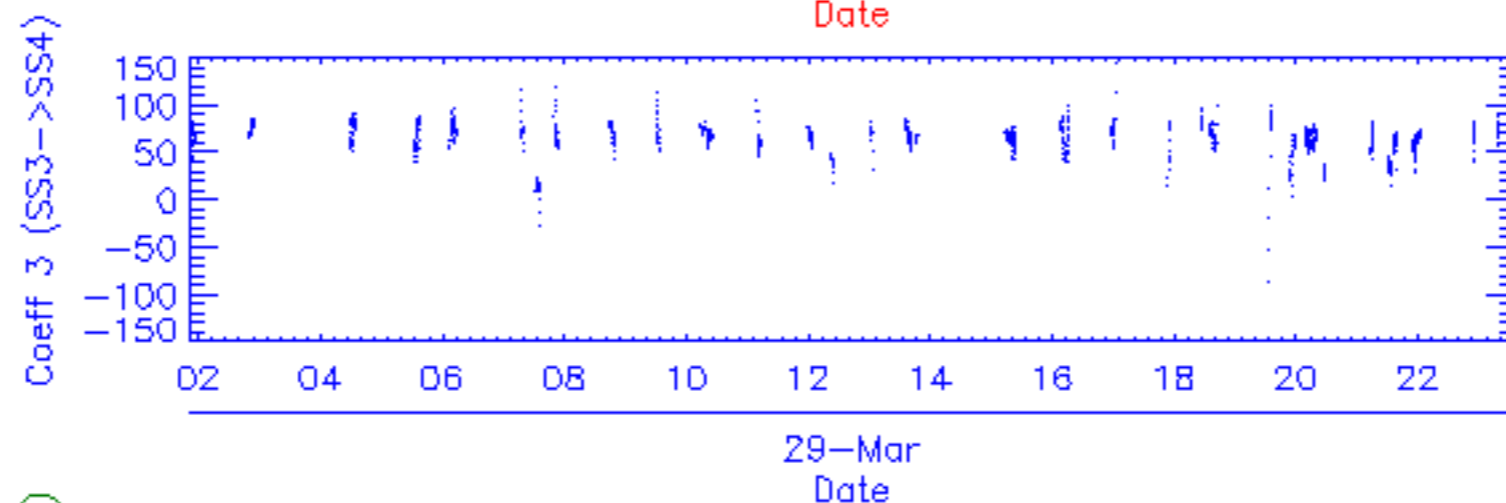
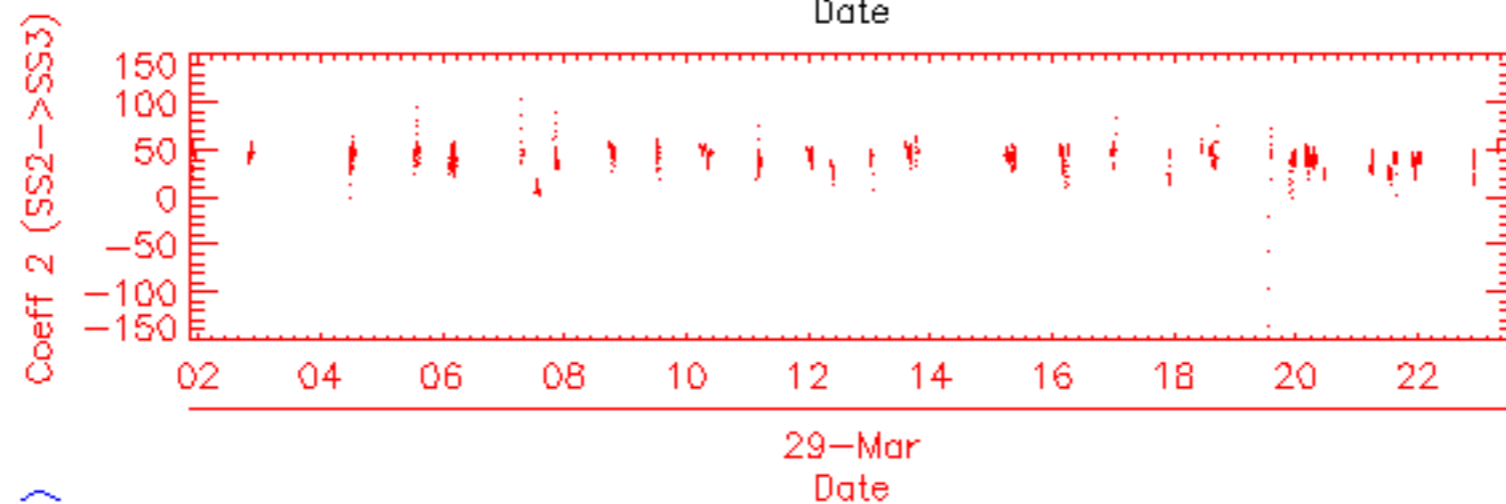
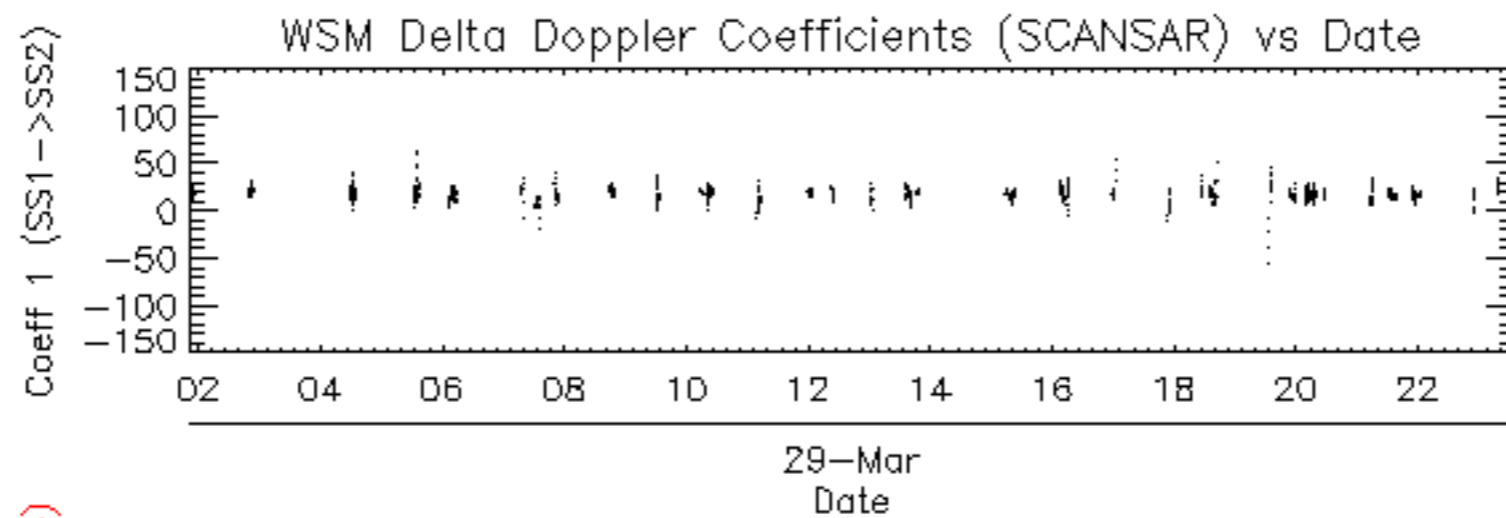


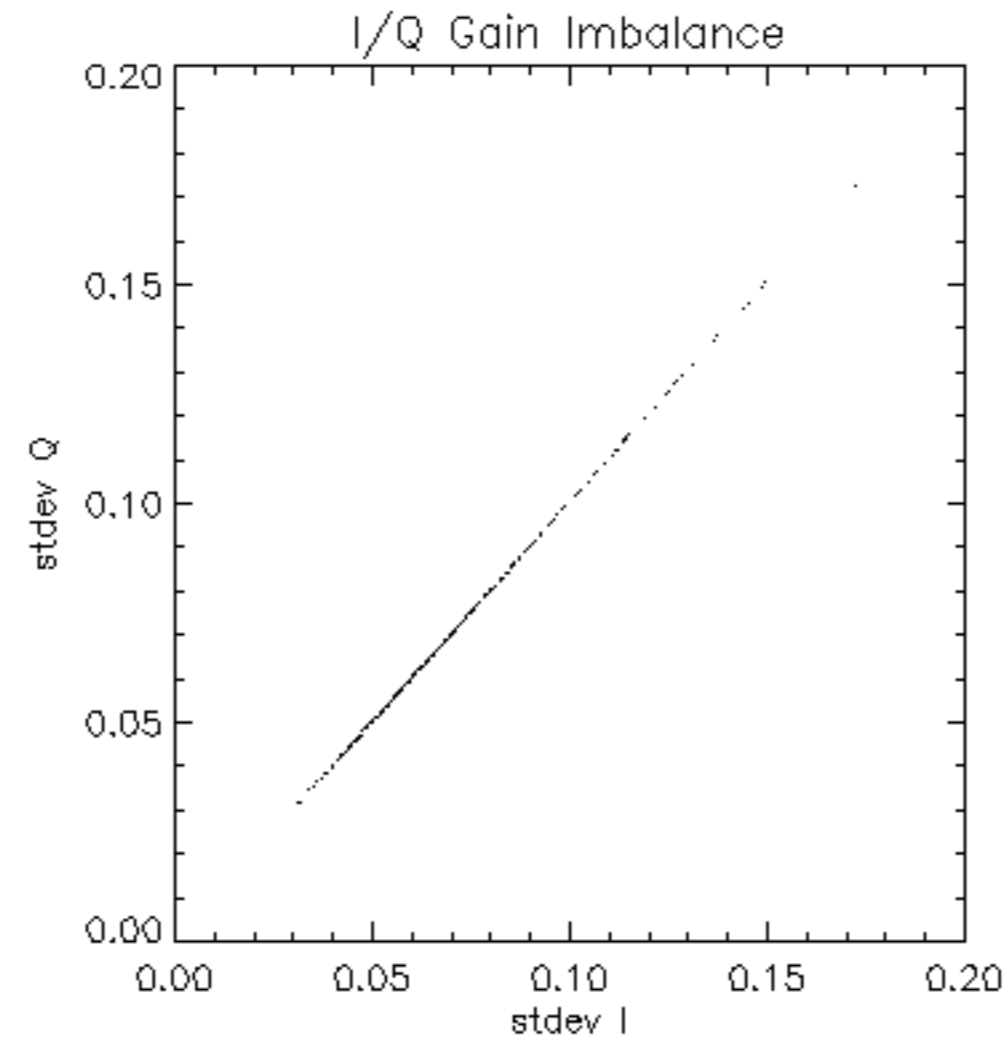


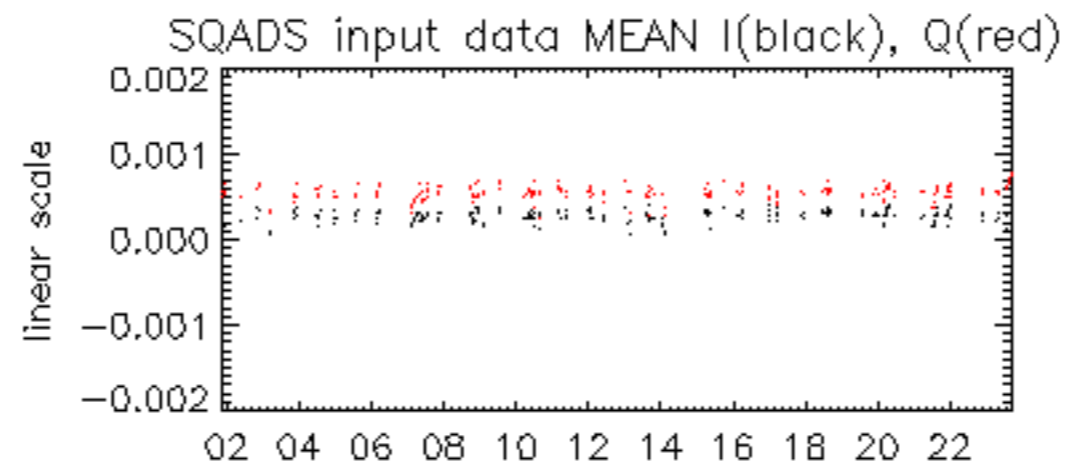




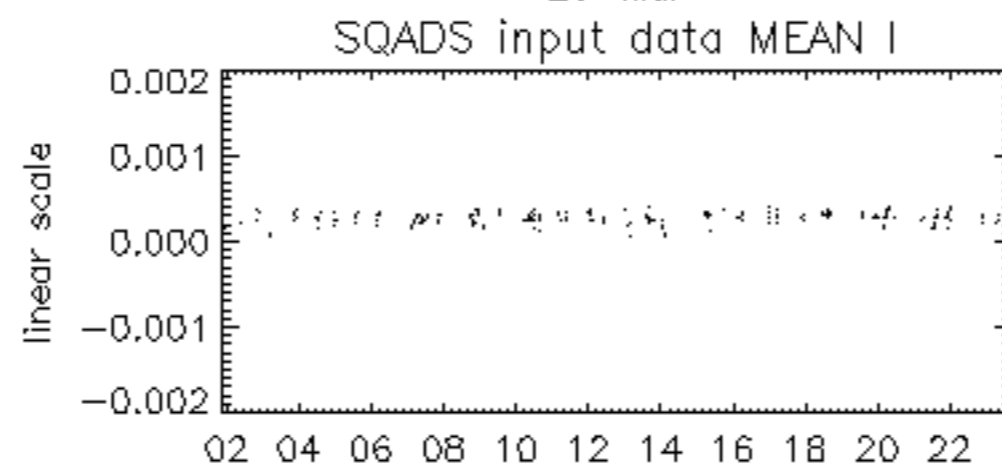




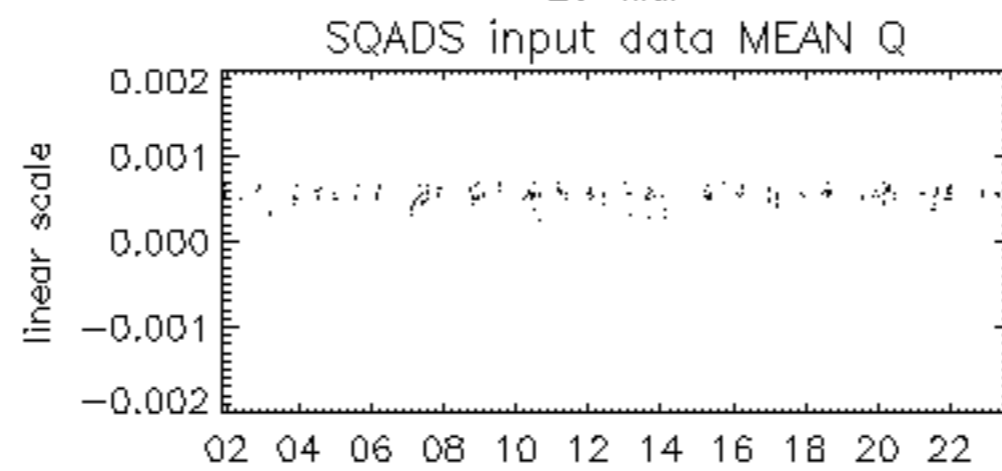




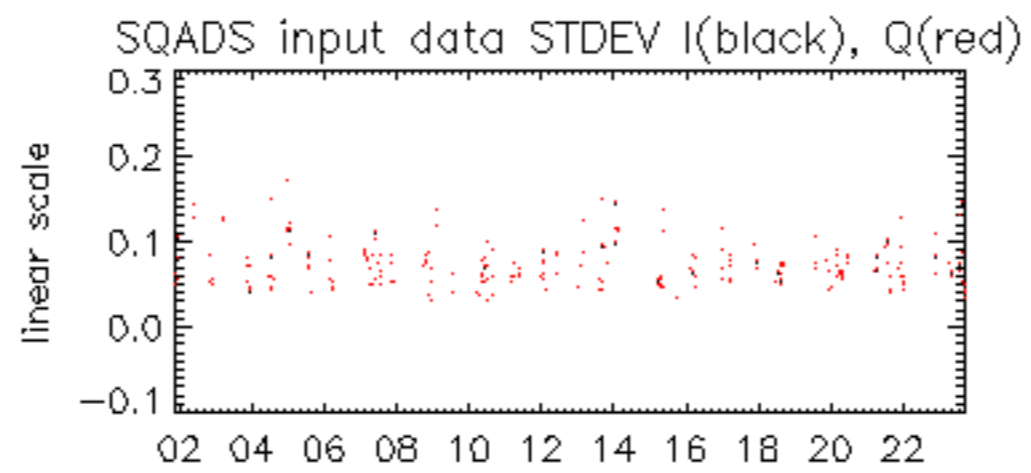
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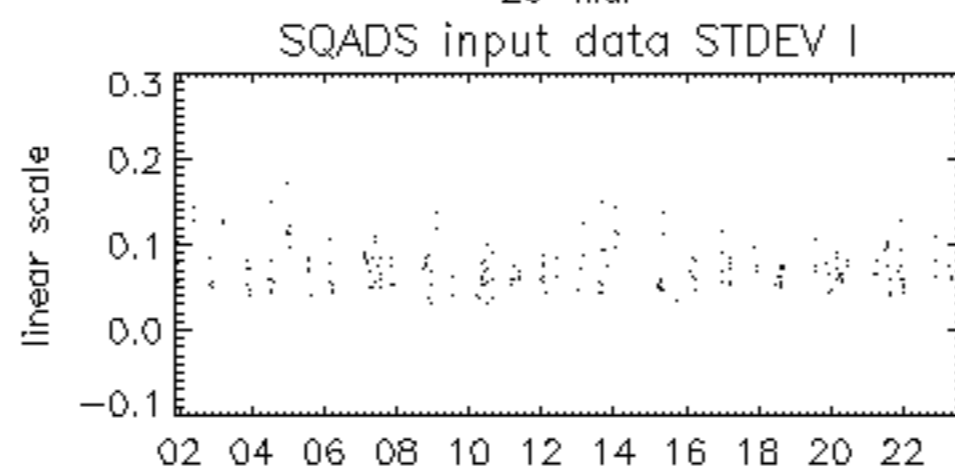
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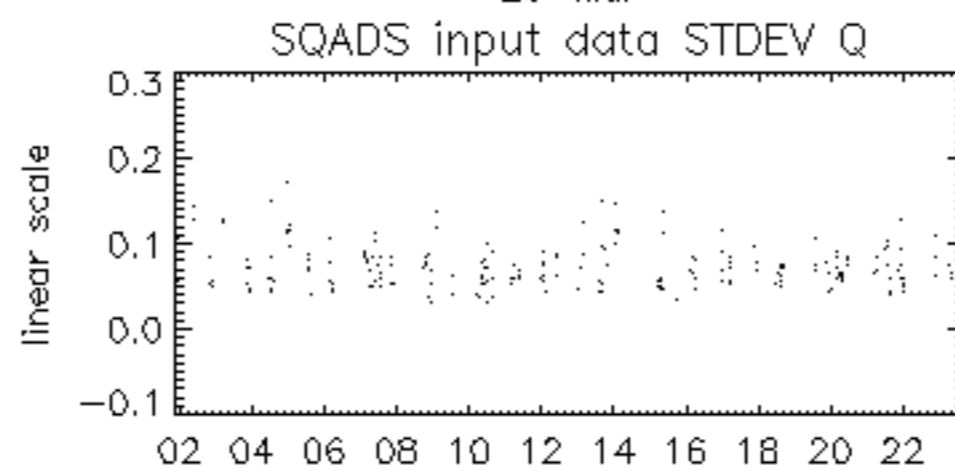
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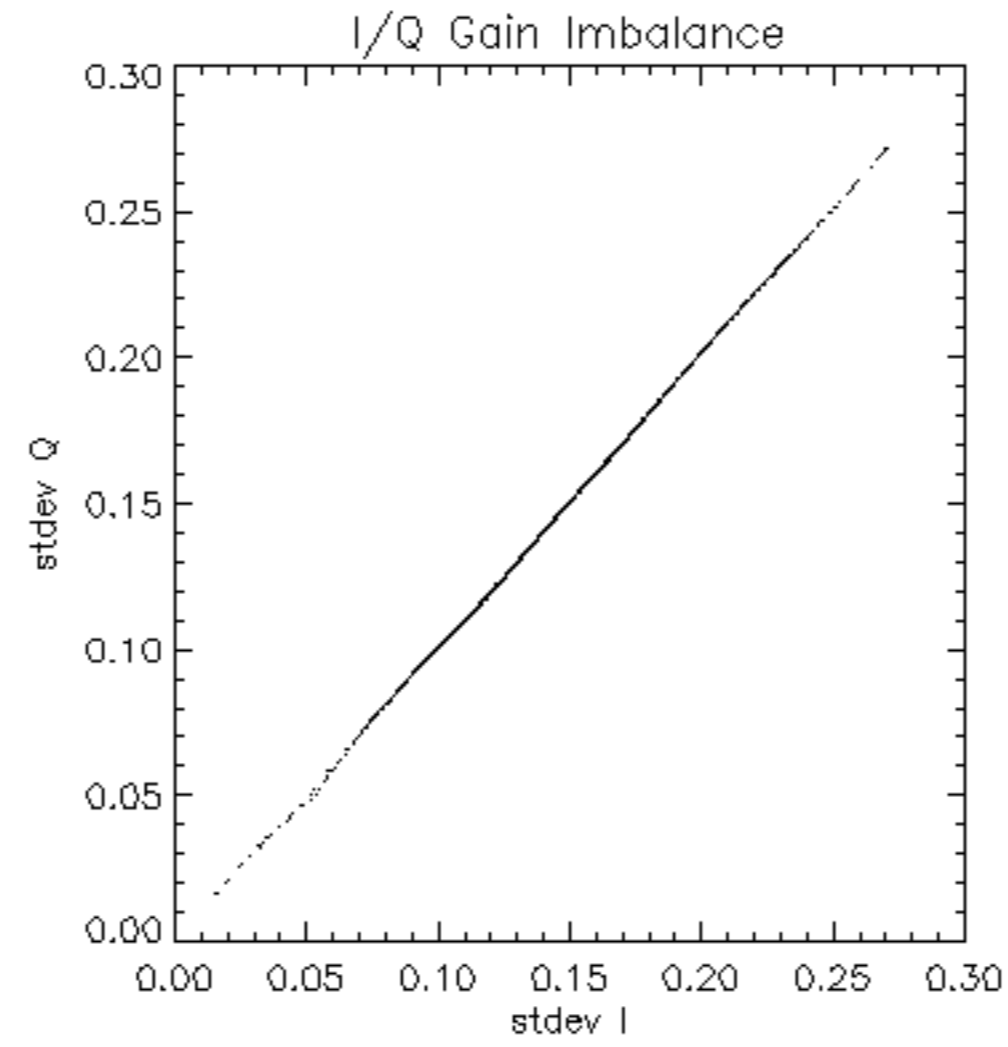
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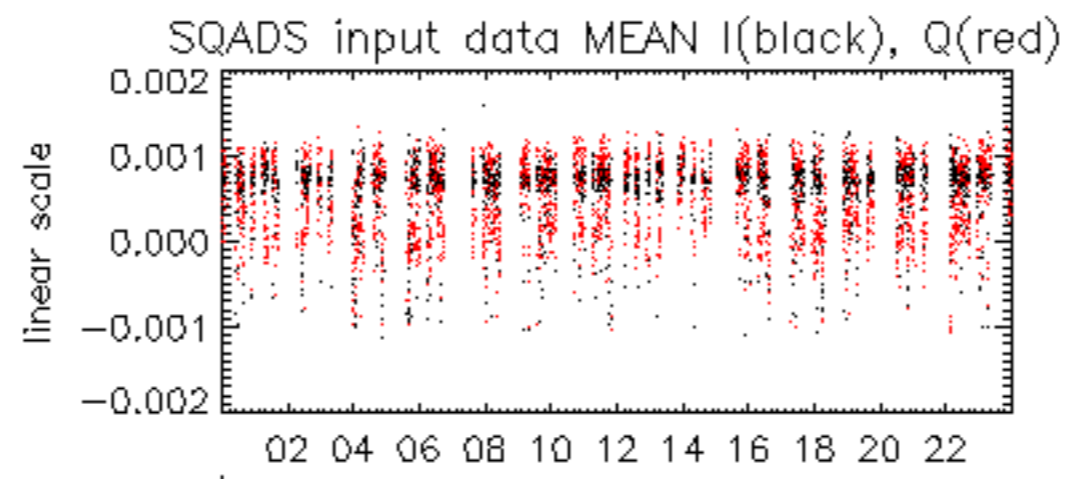


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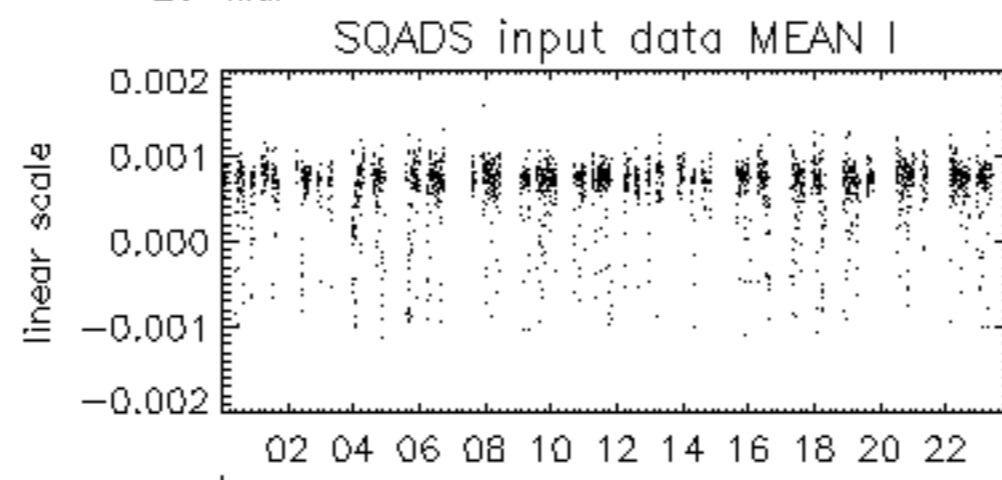


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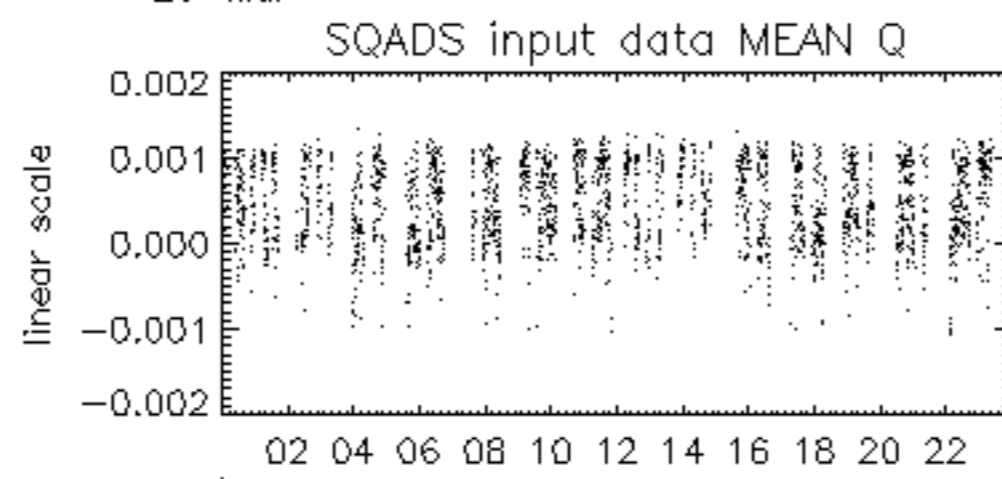




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