



Analysis from 27-JUL-2010 00:00:00 to 27-JUL-2010 23:59:59. Page generated on 28-JUL-2010 07:32:00.
View log file: ASAR_Daily_Report_20100728_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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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	2	PDE	WS	H/H	23	PDE	IS4	V/H	1	PDE	IS2	H/H	4	PDE	WS	H/H	7	PDK	2010-07-27 08:10:01	H	320
PDE	IS2	V/V	16	PDK	WS	H/H	51	PDE	IS4	V/V	1	PDE	IS2	V/V	10	PDE	WS	V/V	4				
PDK	IS2	V/V	20					PDE	IS6	H/H	1	PDE	IS3	H/H	1	PDK	WS	H/H	10				
								PDK	IS3	H/H	1	PDK	IS2	H/H	1	PDK	WS	V/V	2				
												PDK	IS3	H/H	1								

1.2 - Lists of products used

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[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

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

2.2 - Products with wrong ADFs

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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

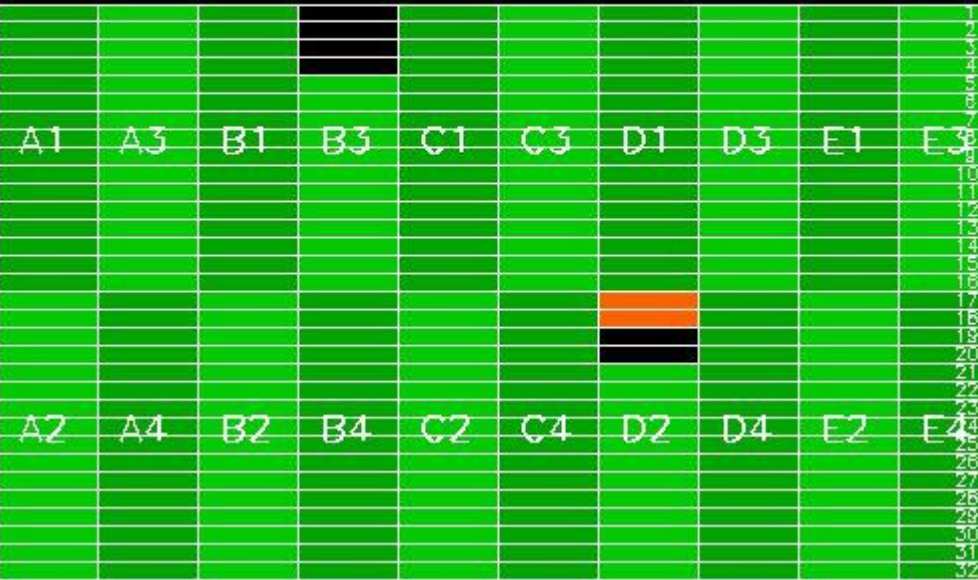
[TXT] [XLS] [Check_ADFs_WVS](#)
 [TXT] [XLS] [Check_ADFs_GM1](#)
 [TXT] [XLS] [Check_ADFs_APM](#)
 [TXT] [XLS] [Check_ADFs_IMM](#)
 [TXT] [XLS] [Check_ADFs_WSM](#)

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

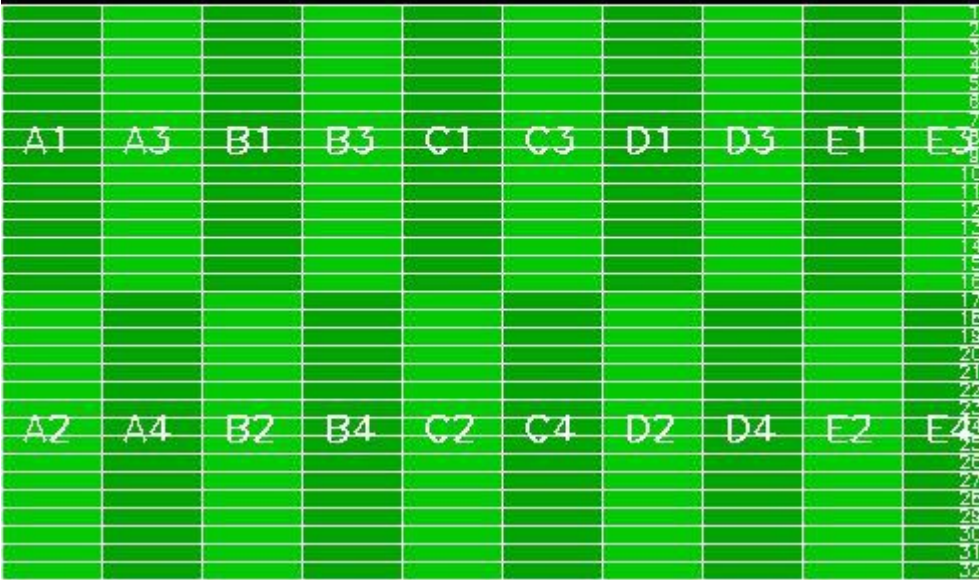
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2010-07-26 08:41:38 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

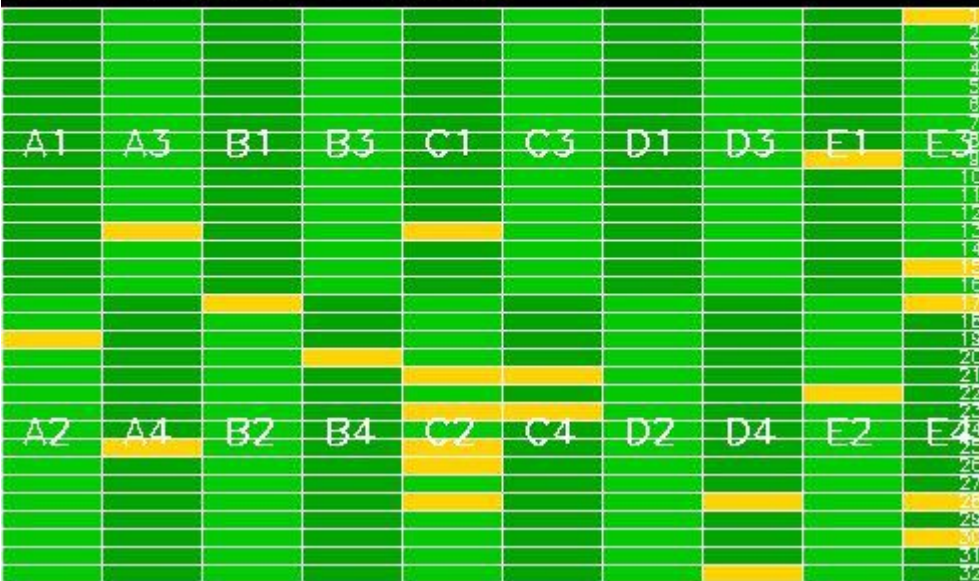
Reference: 2010-07-25 02:30:51 V RxGain
 Test : 2010-07-26 08:41:38 V

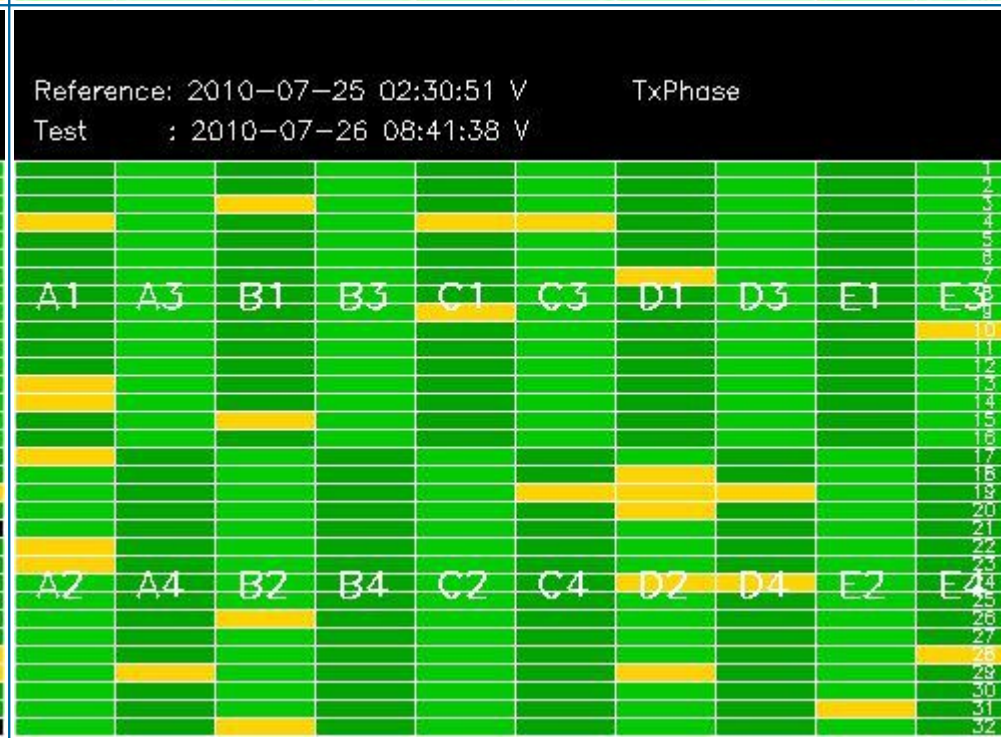
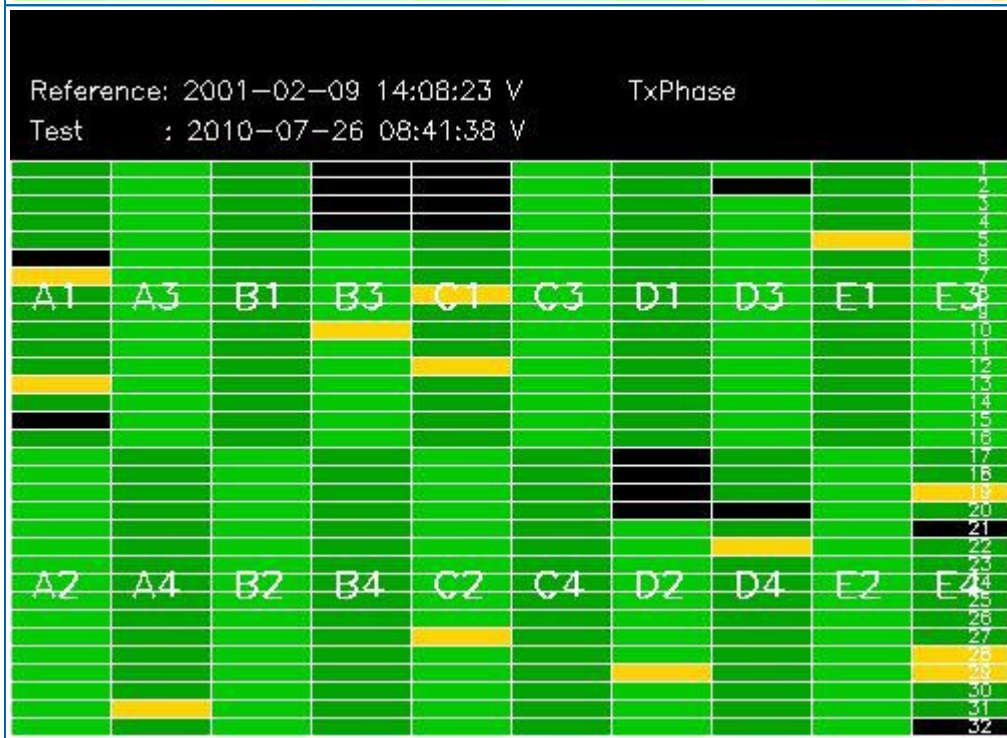
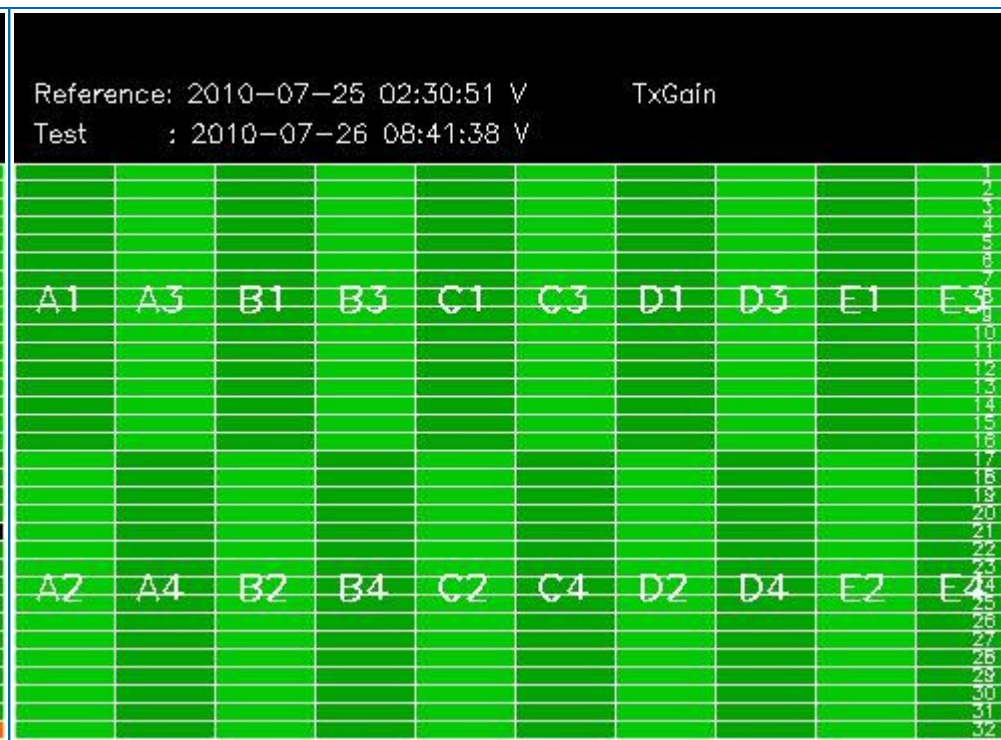
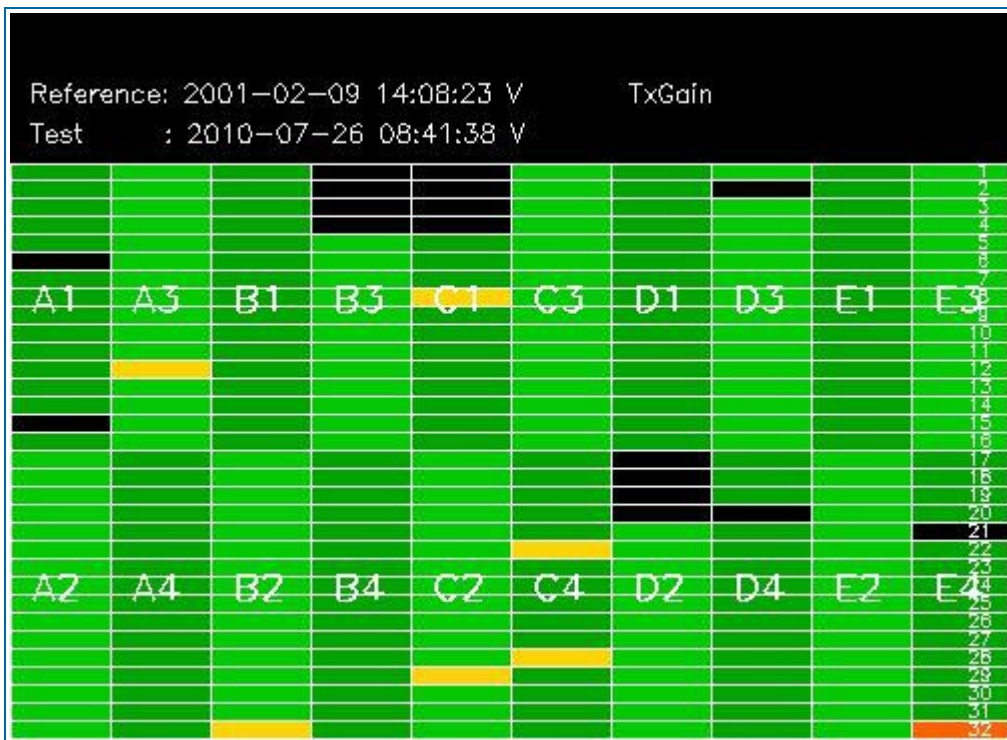


Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2010-07-26 08:41:38 V



Reference: 2010-07-25 02:30:51 V RxPhase
 Test : 2010-07-26 08:41:38 V

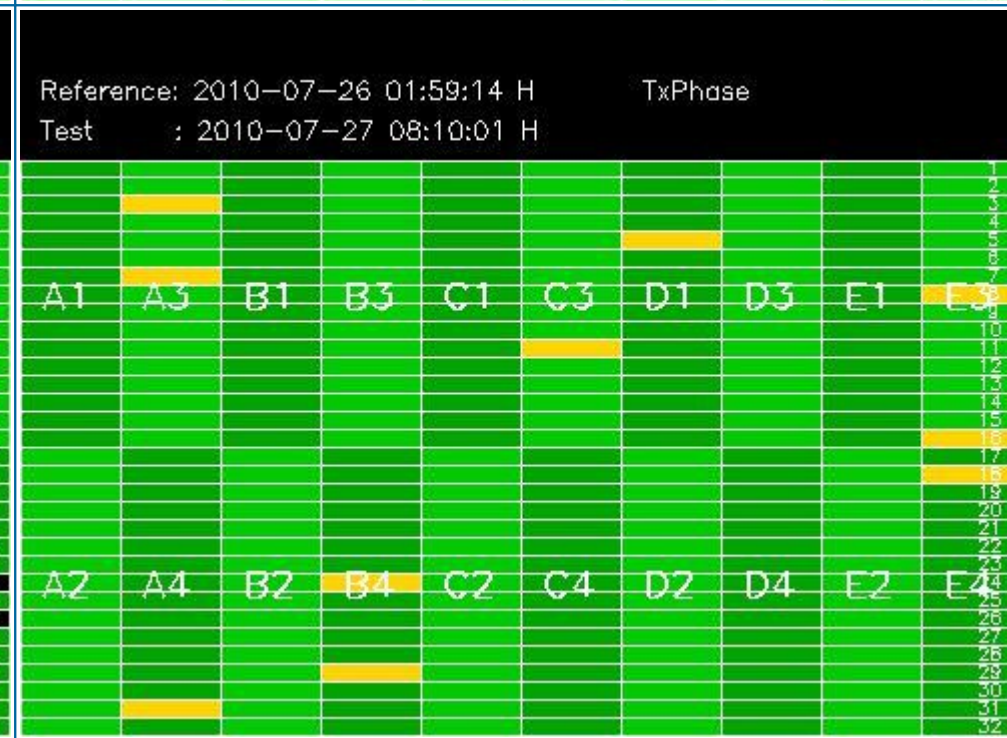
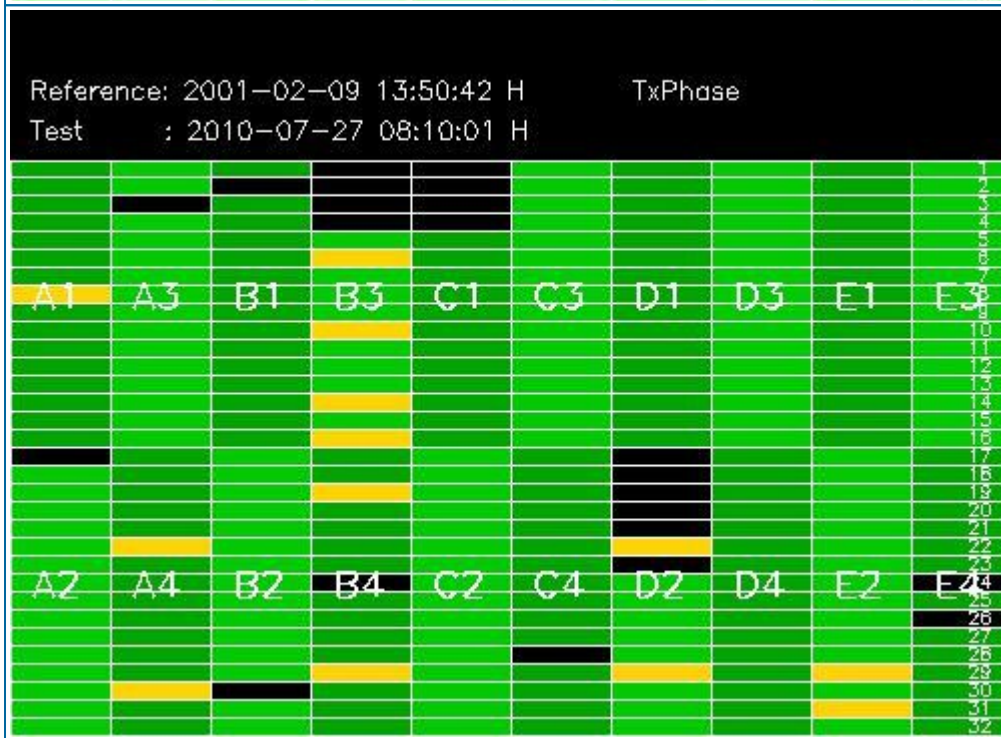
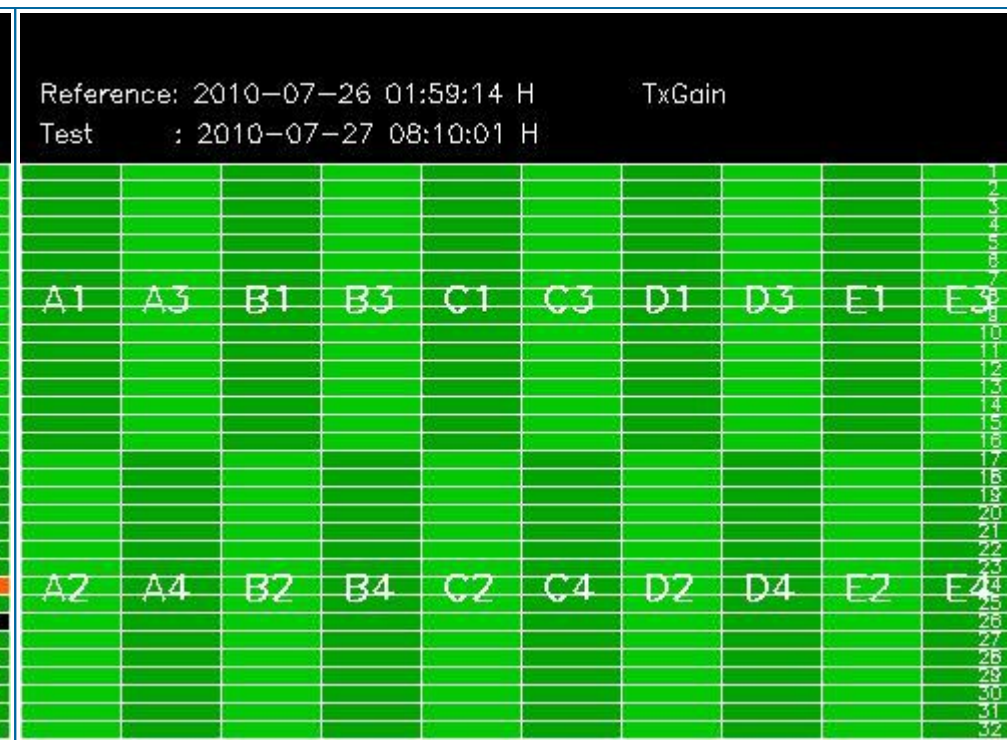
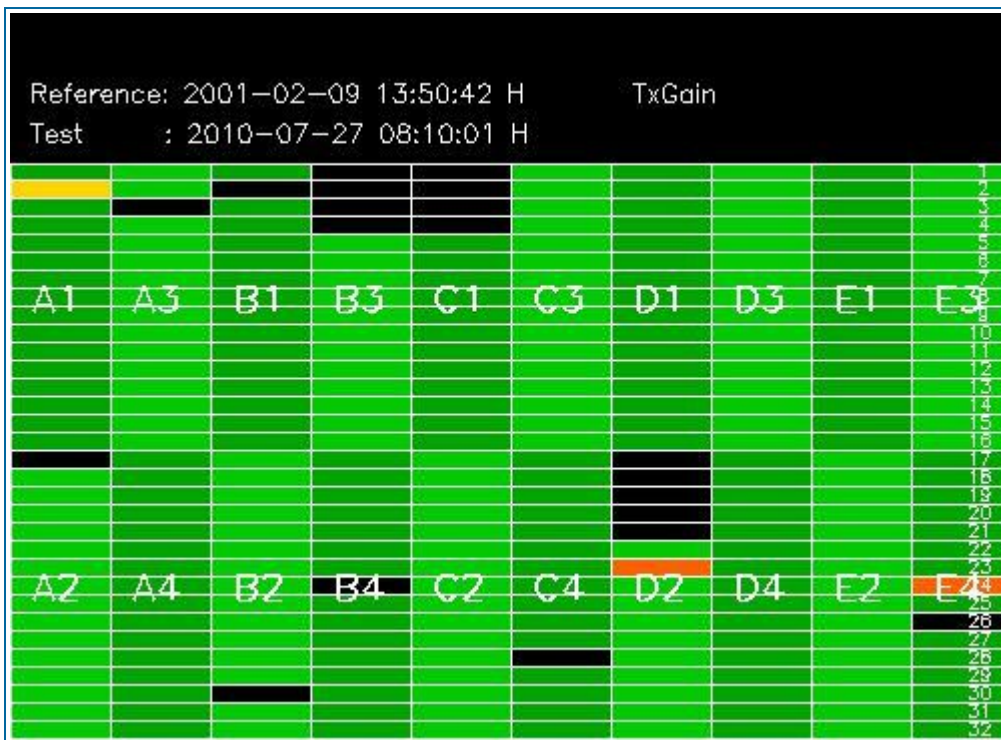




3.2 - H/H polarisation

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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

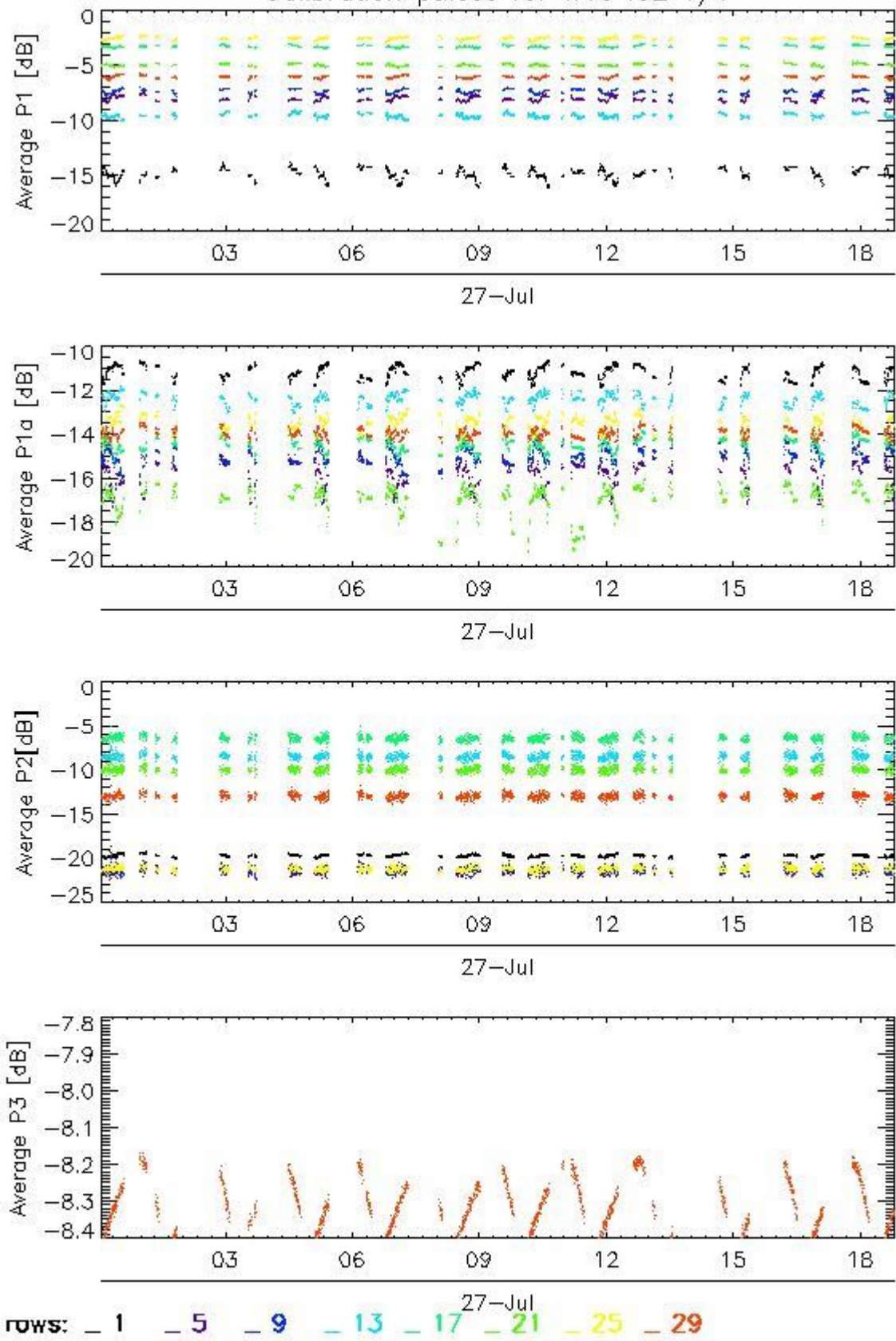
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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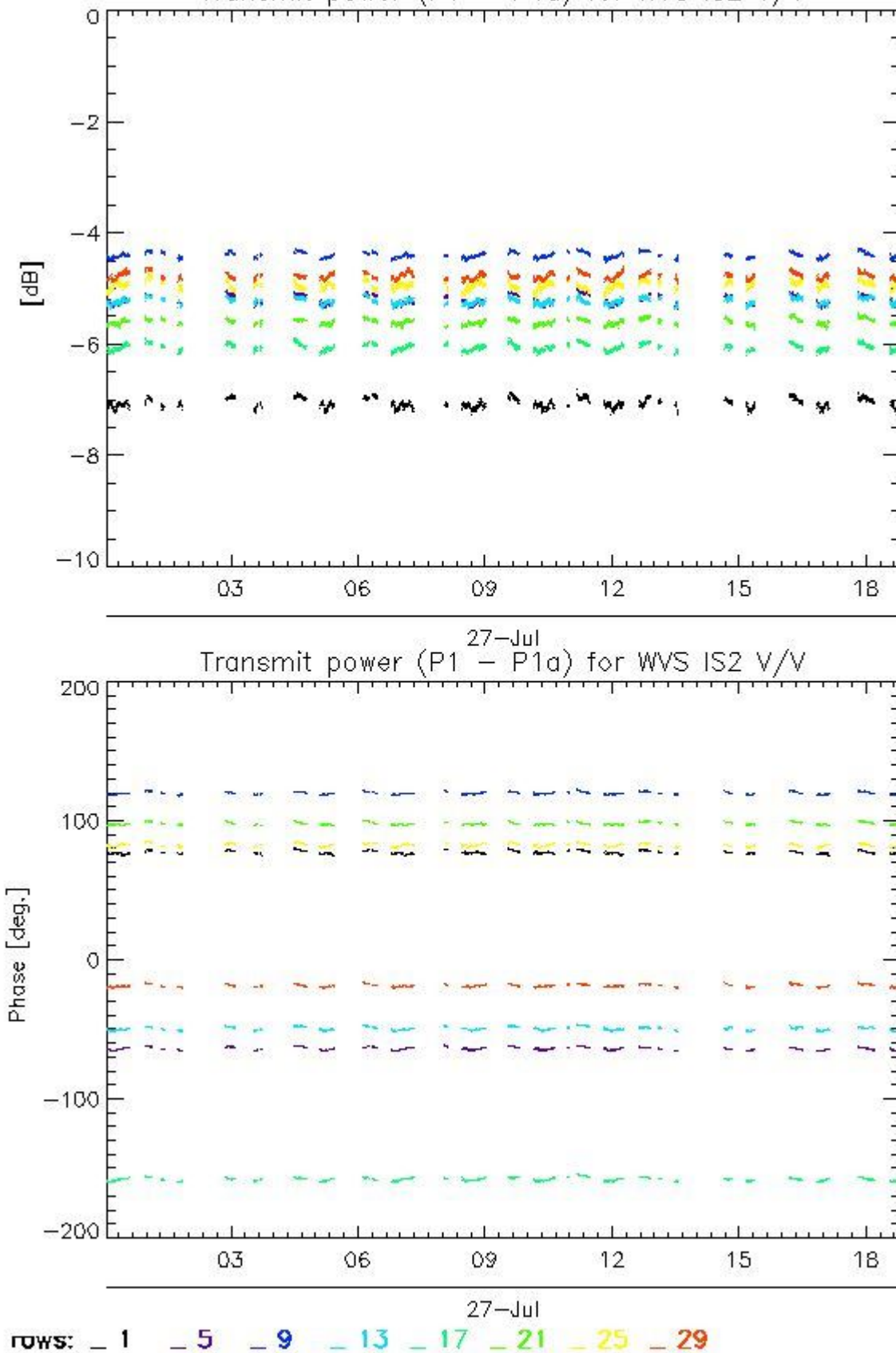
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



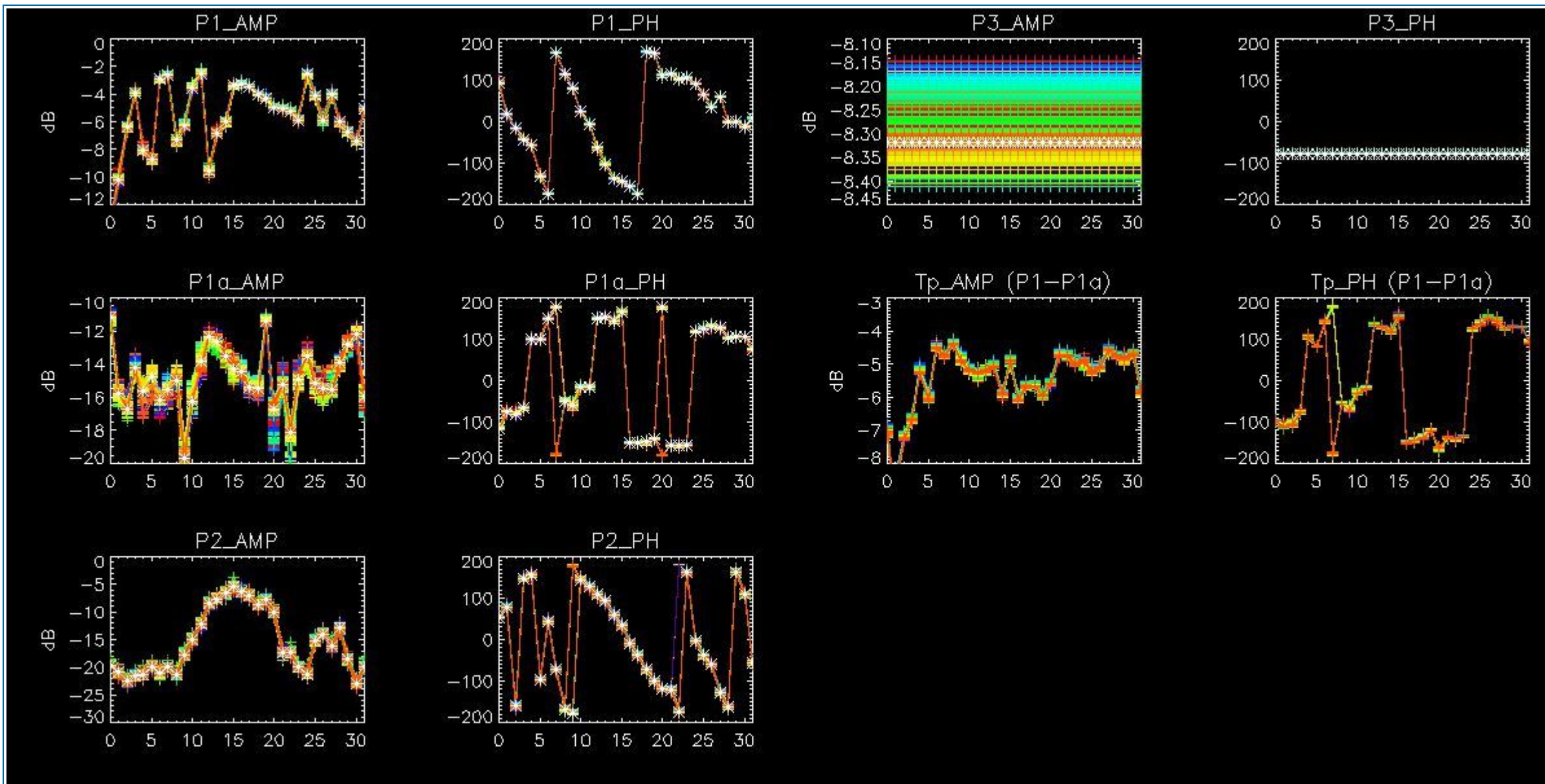
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

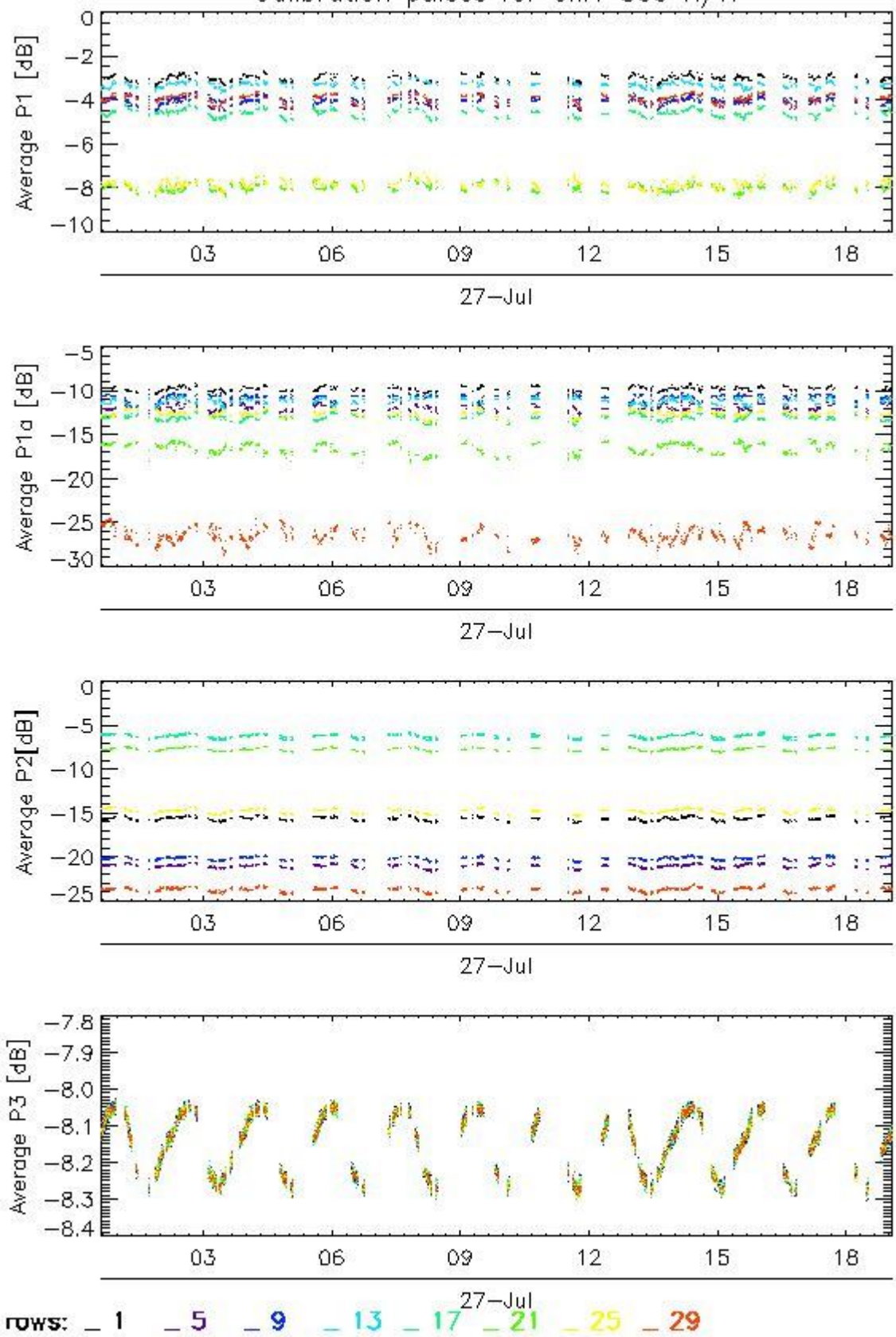
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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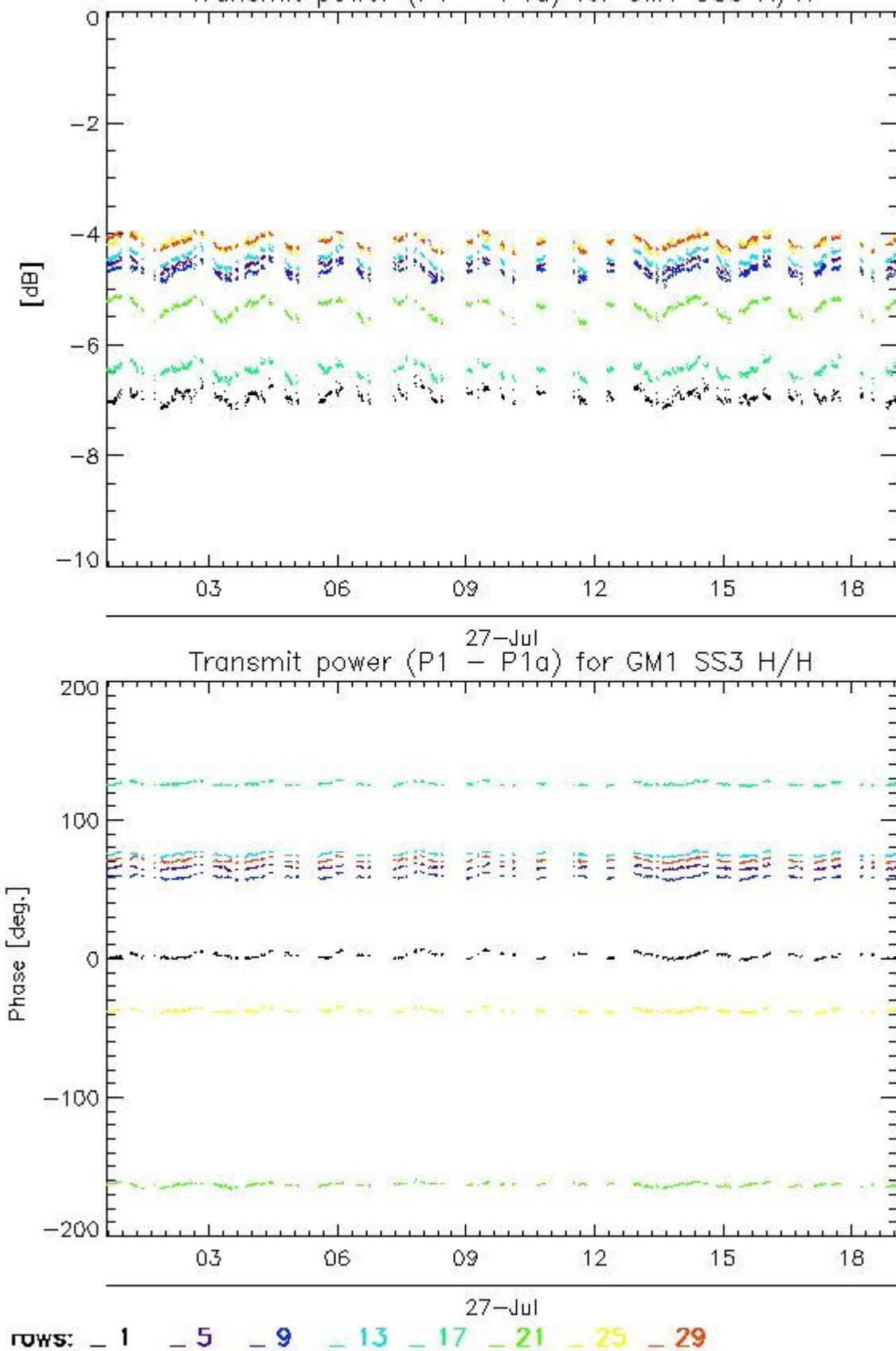
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



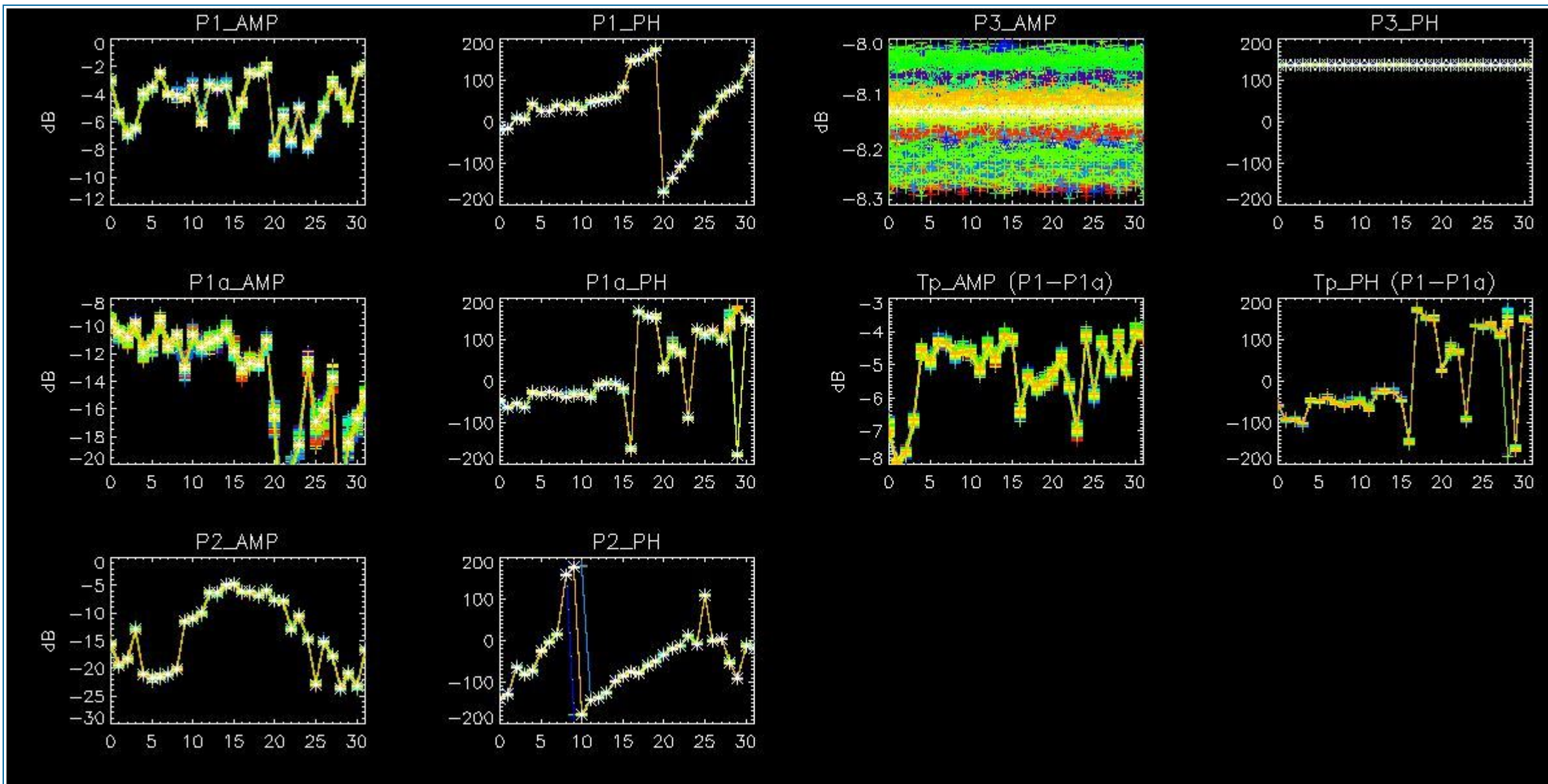
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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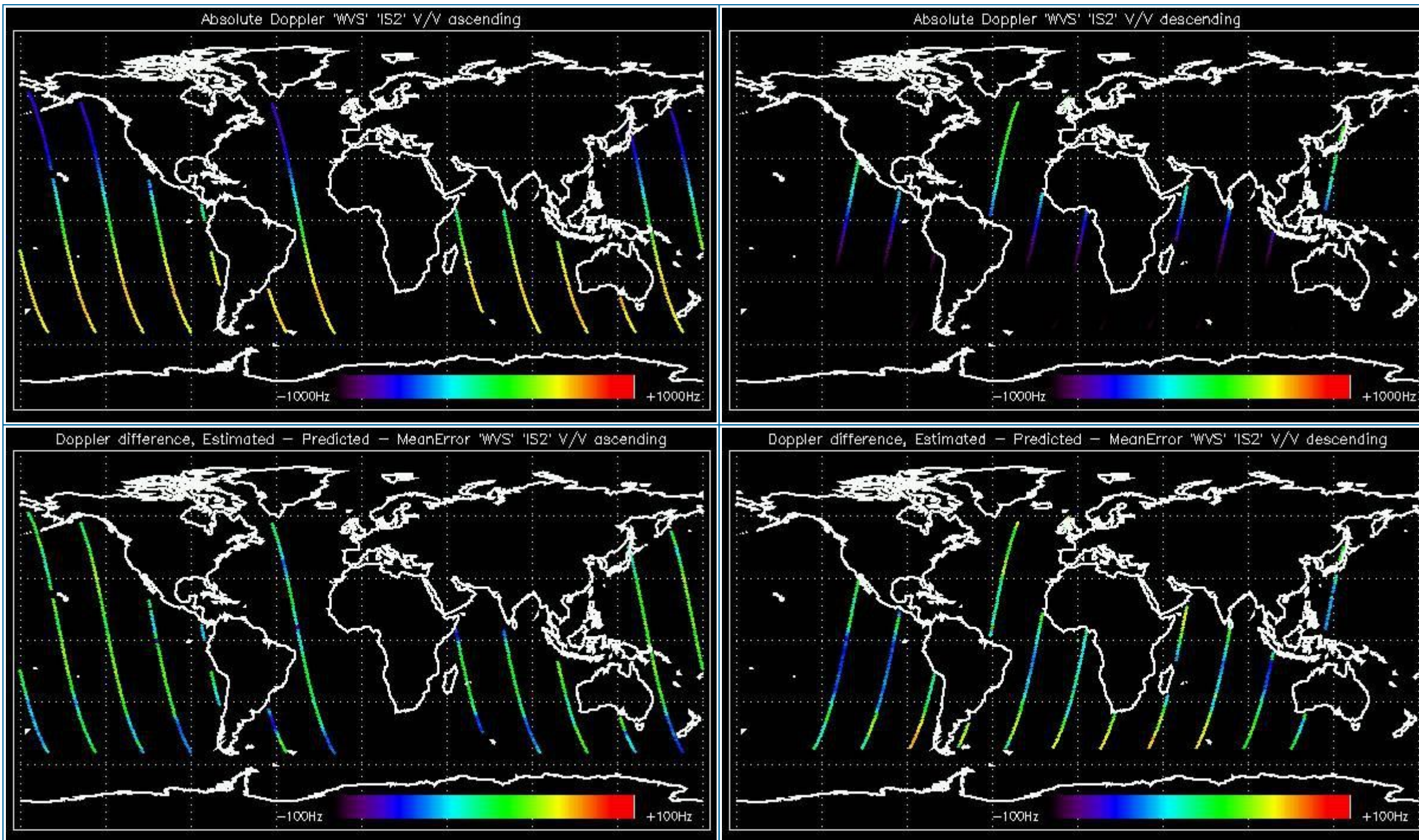
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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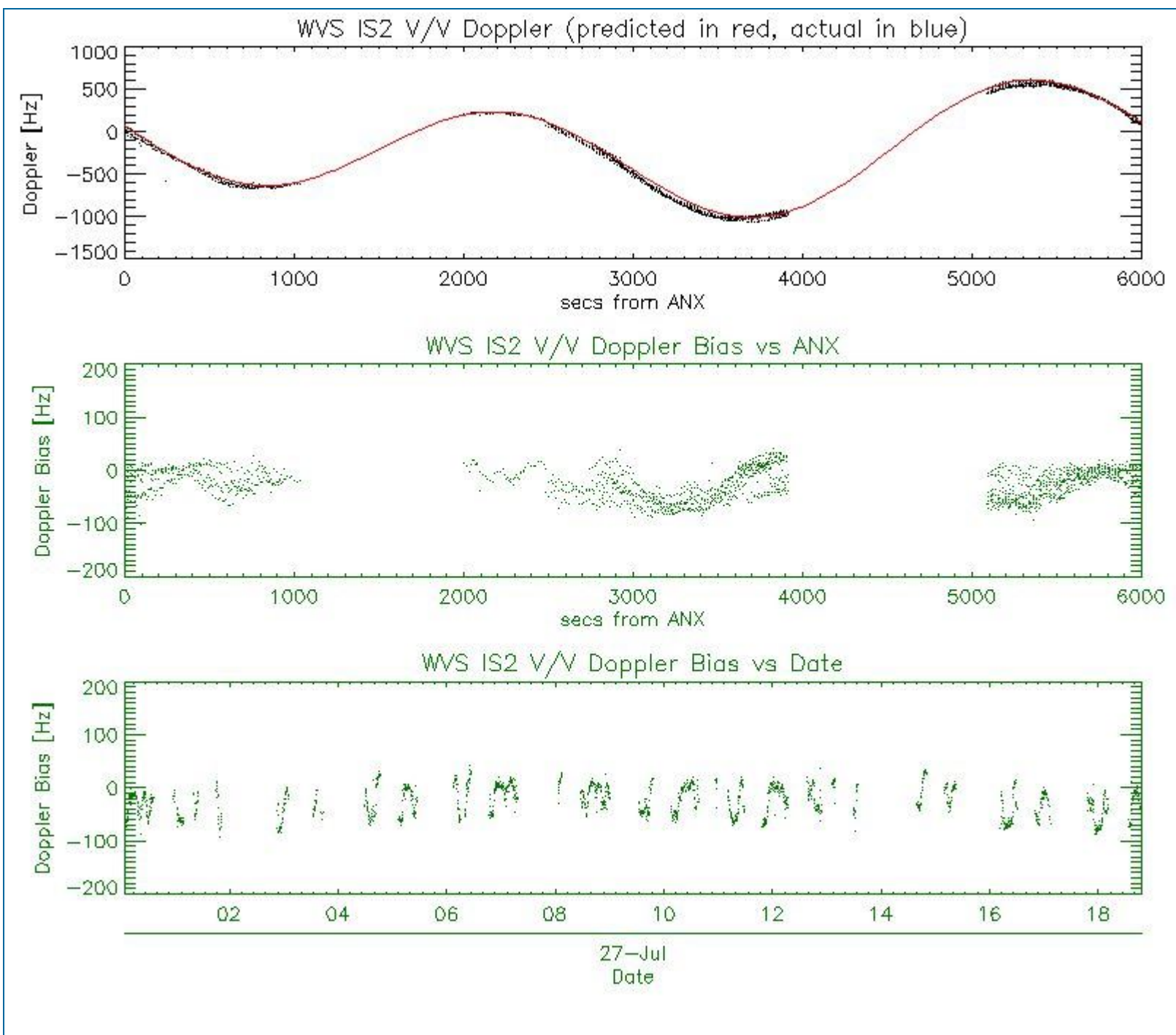




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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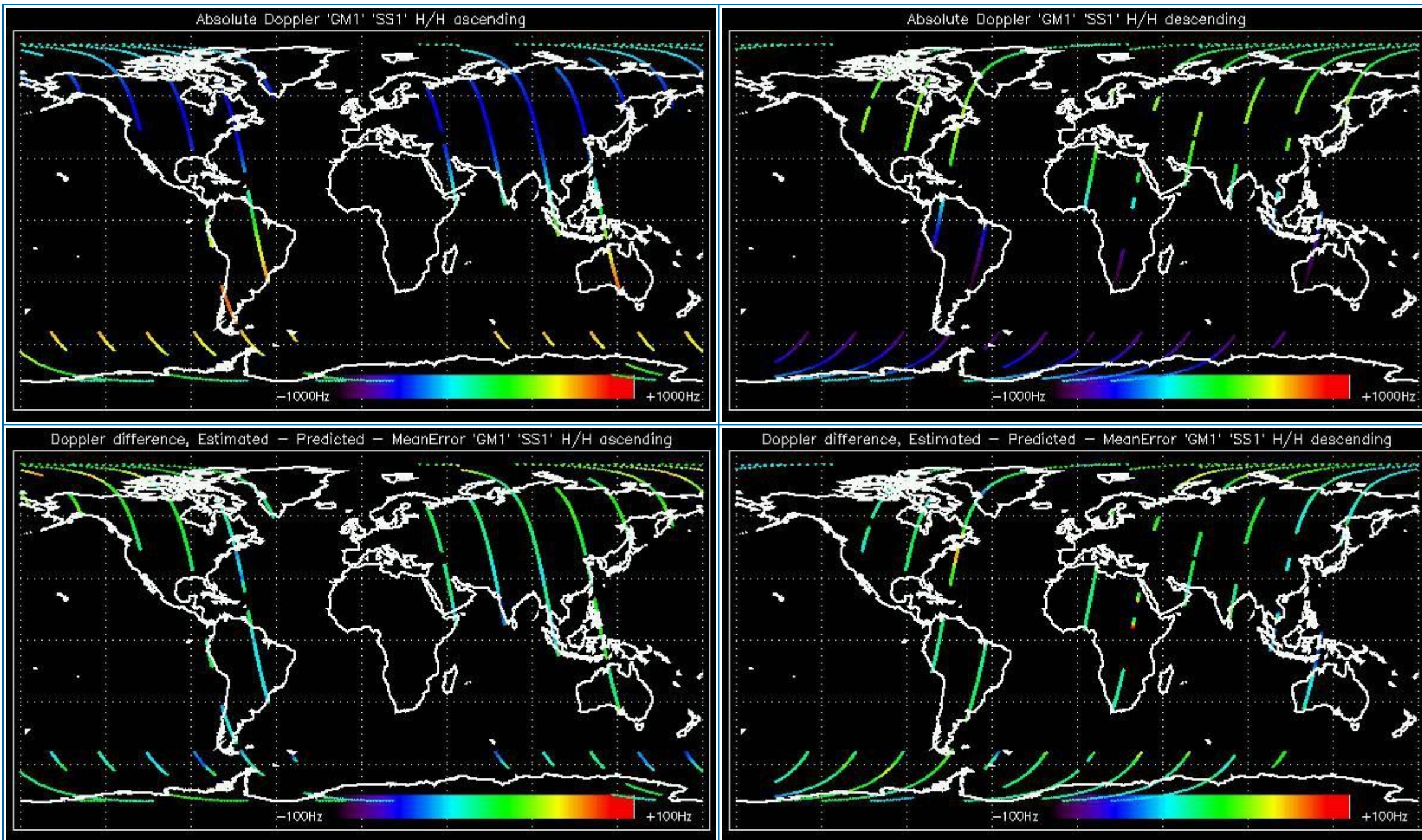


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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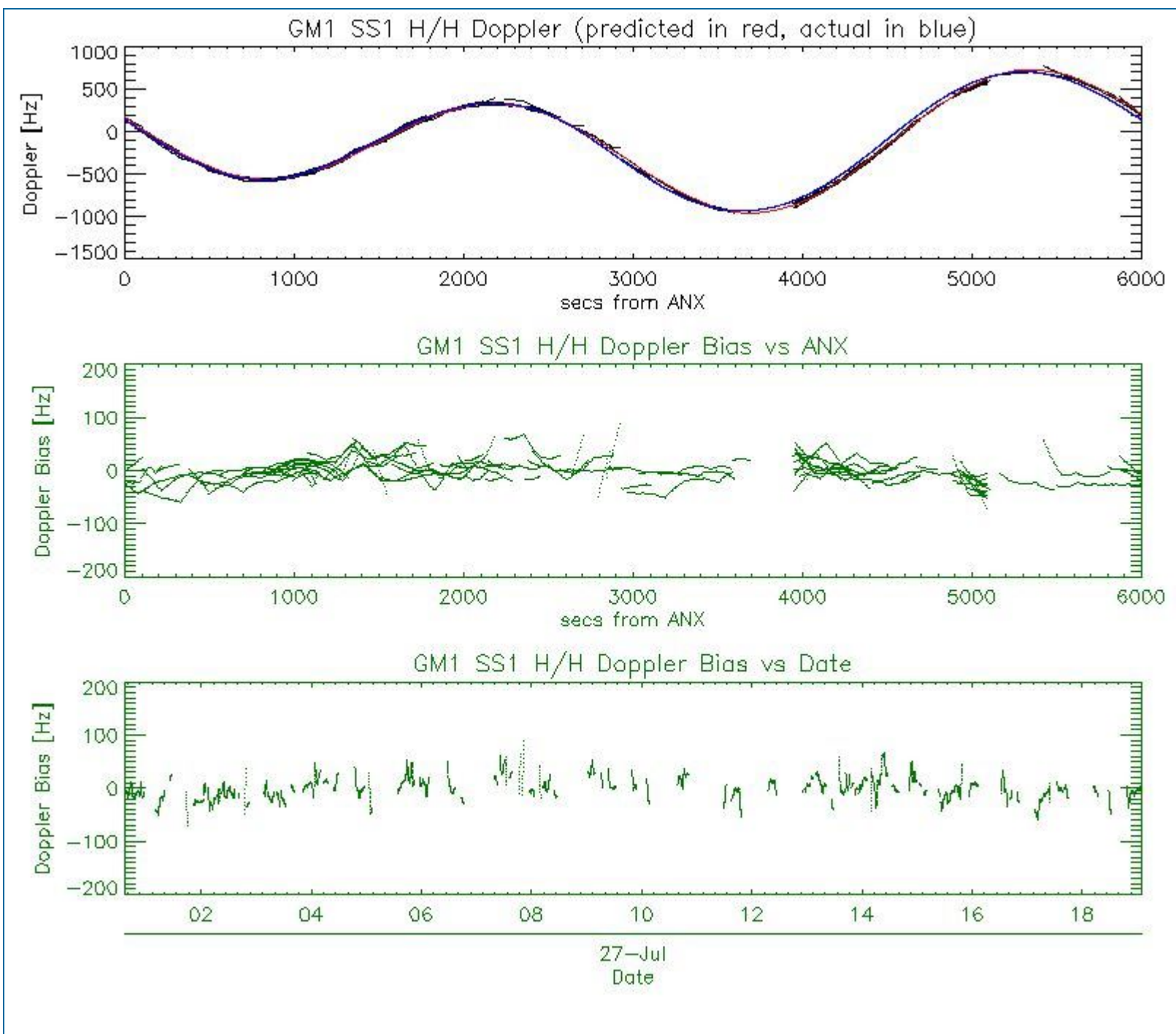




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

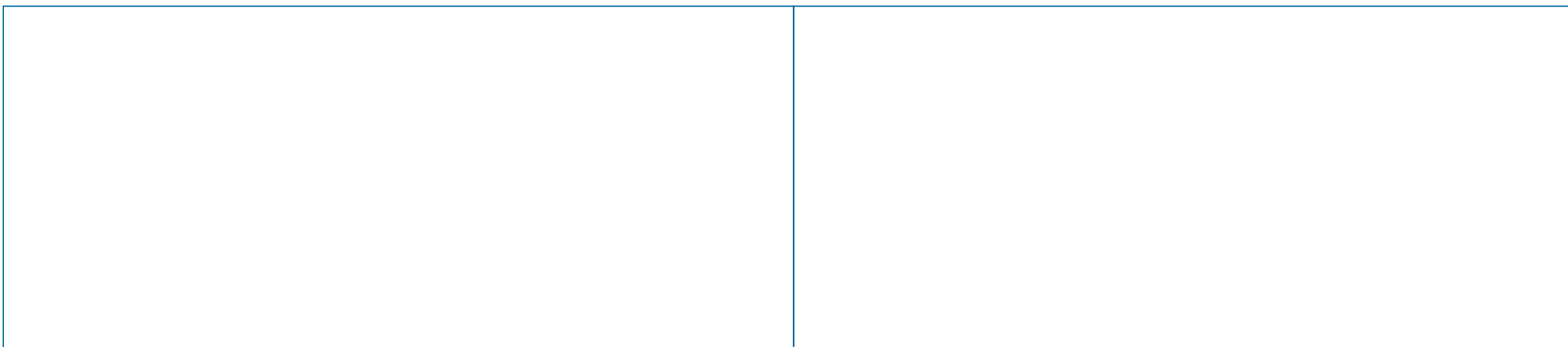
[[BACK TO MENU](#)]

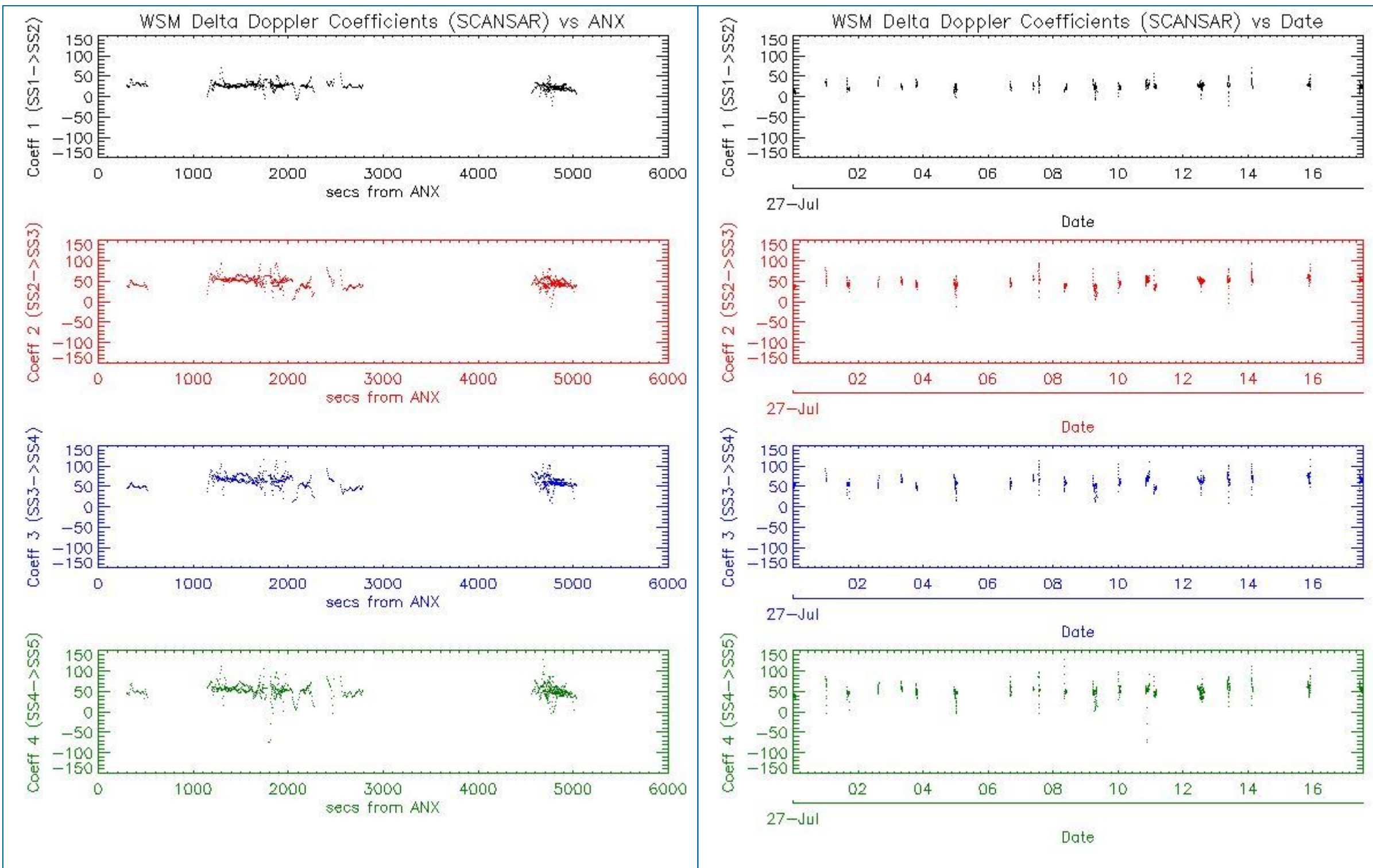




5.3 - Doppler JUMPS Analysis for WSM

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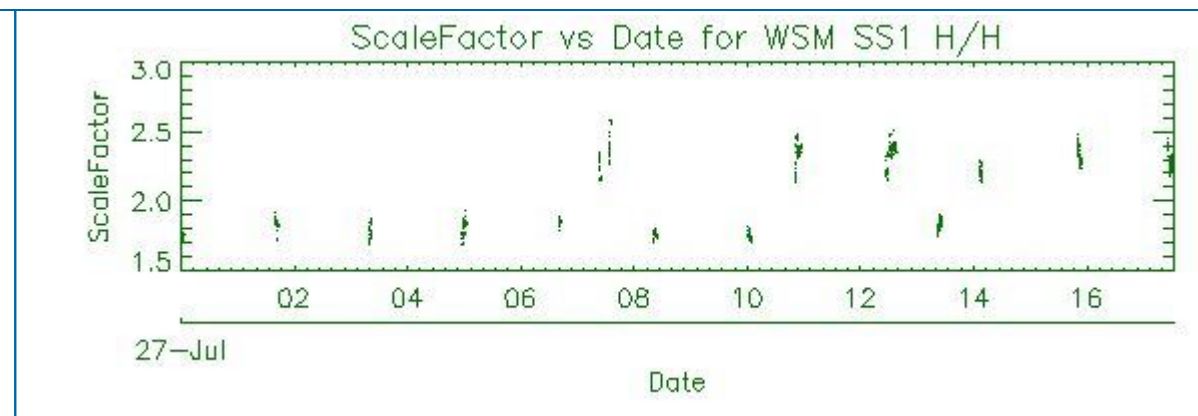
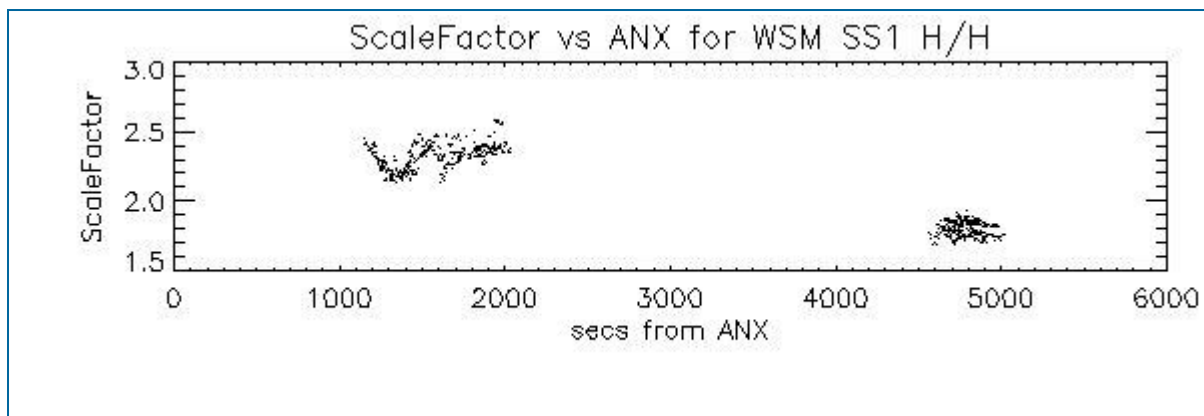
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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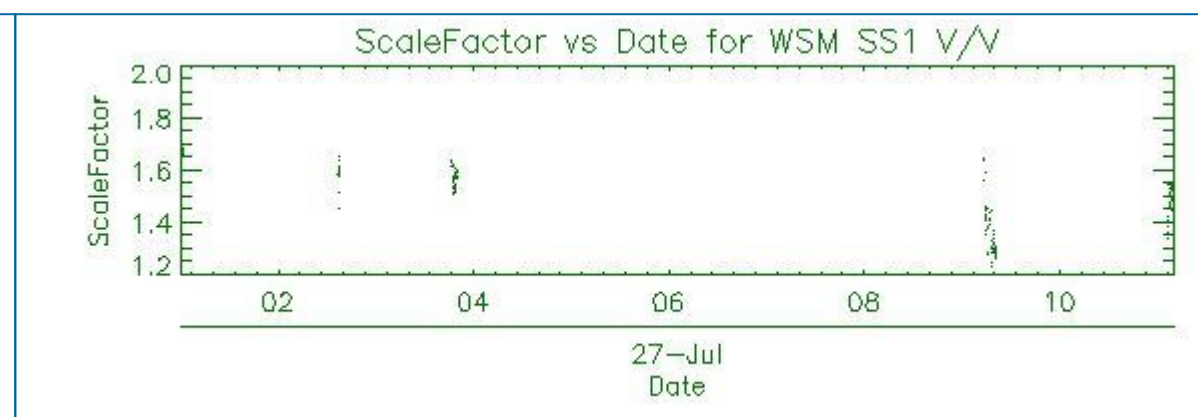
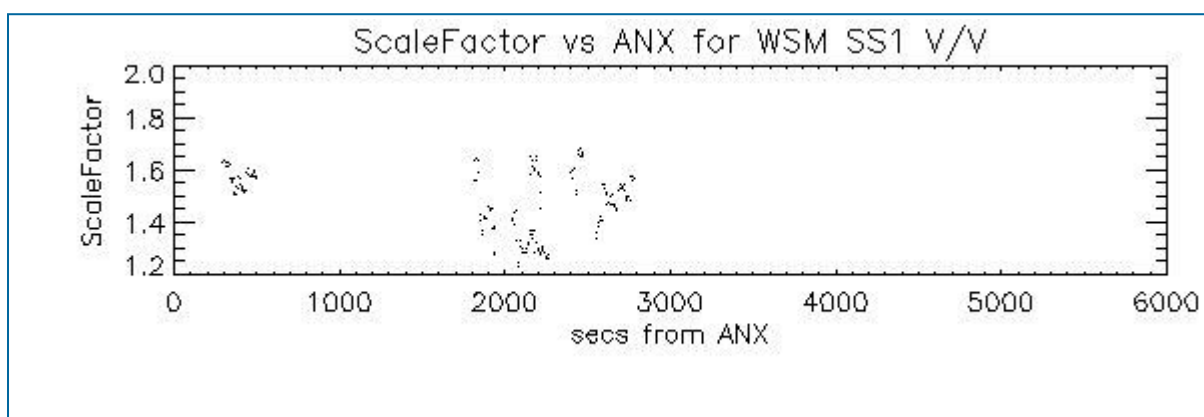




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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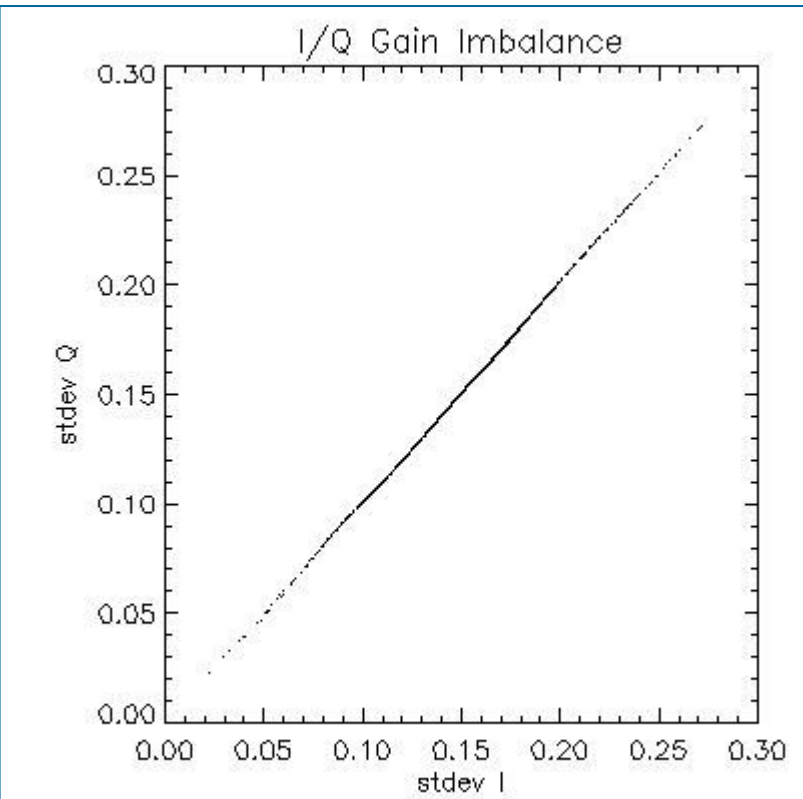
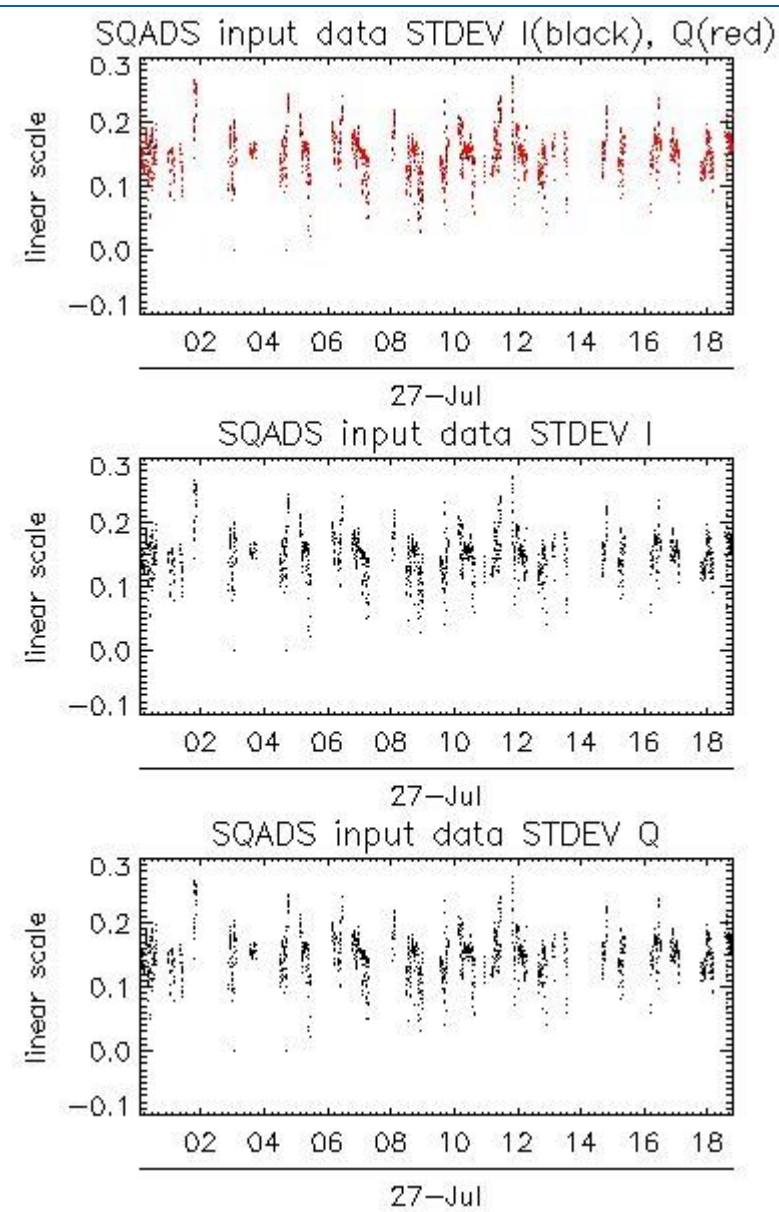
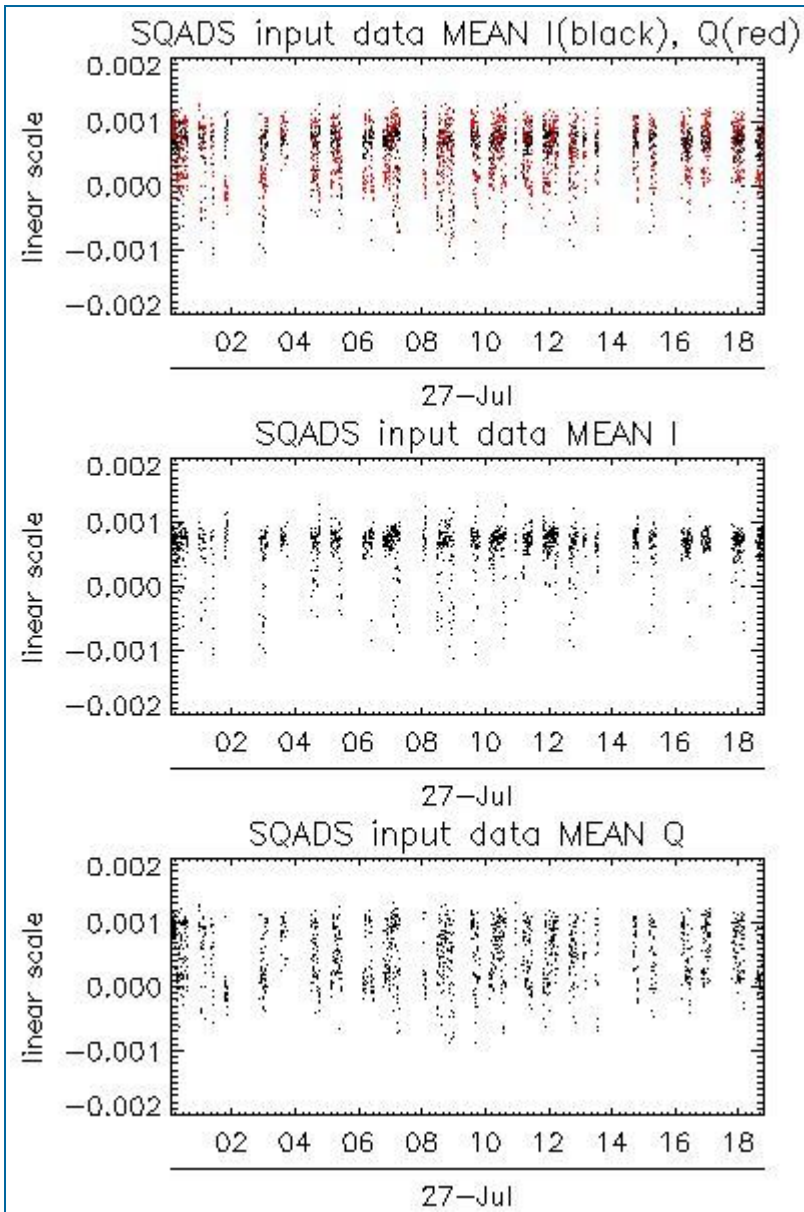


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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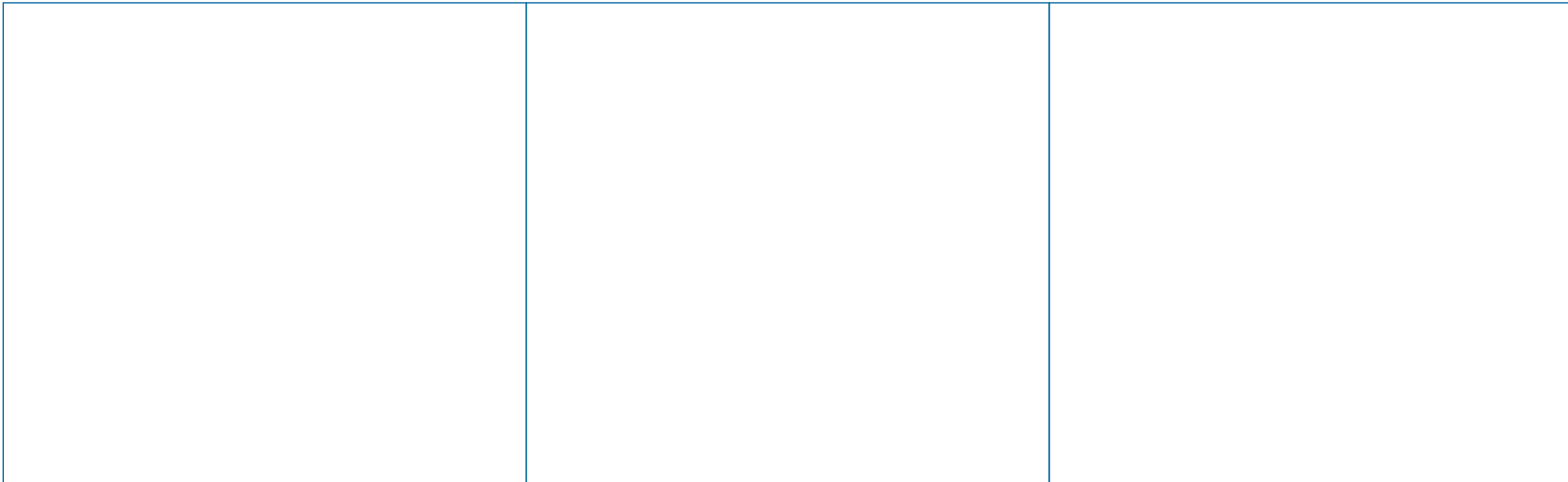
--	--	--

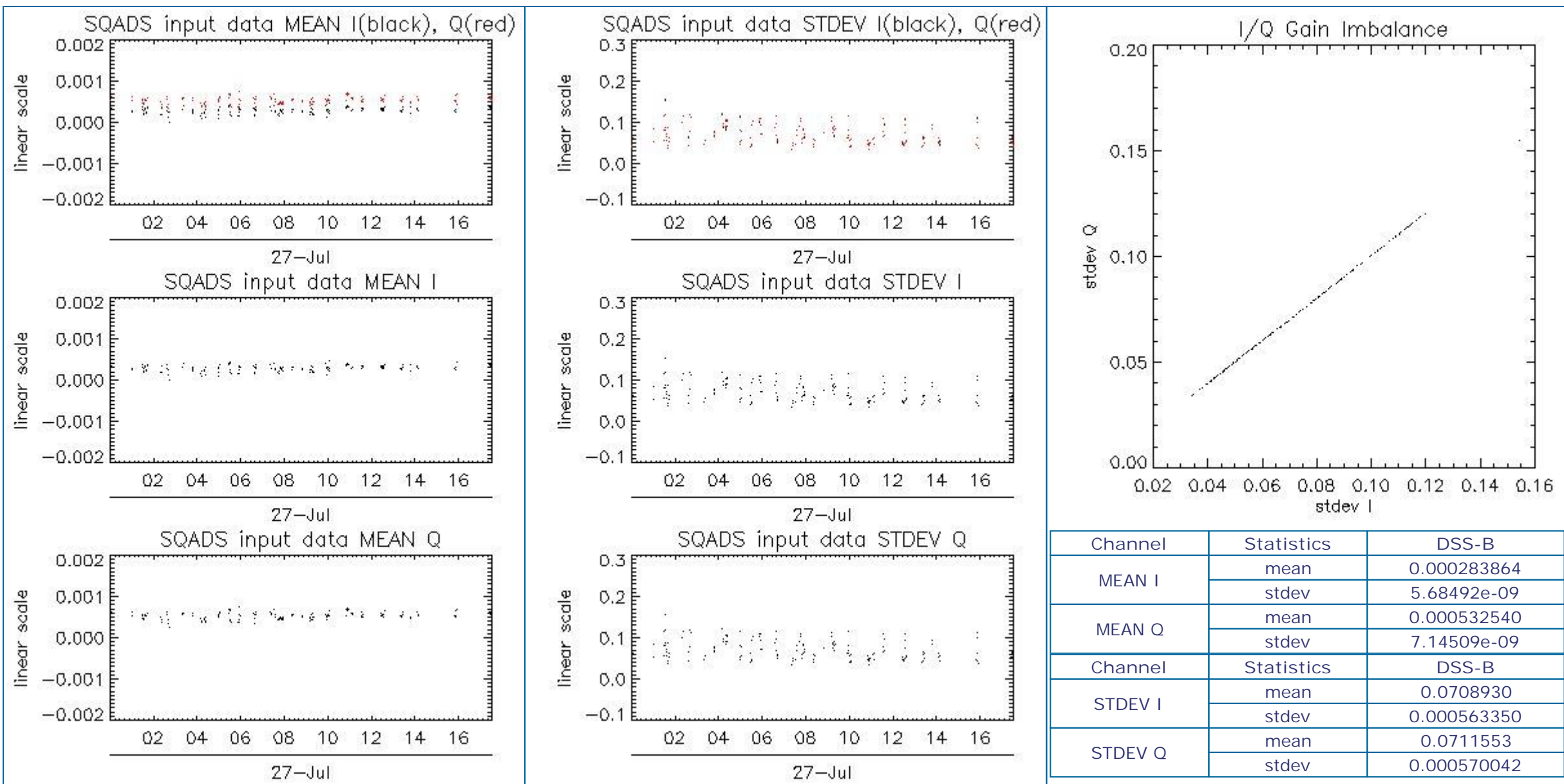


Channel	Statistics	DSS-B
MEAN I	mean	0.000618938
	stdev	1.18666e-07
MEAN Q	mean	0.000506365
	stdev	1.98033e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150475
	stdev	0.00112070
STDEV Q	mean	0.151008
	stdev	0.00114326

7.2 - Analysis for IMM

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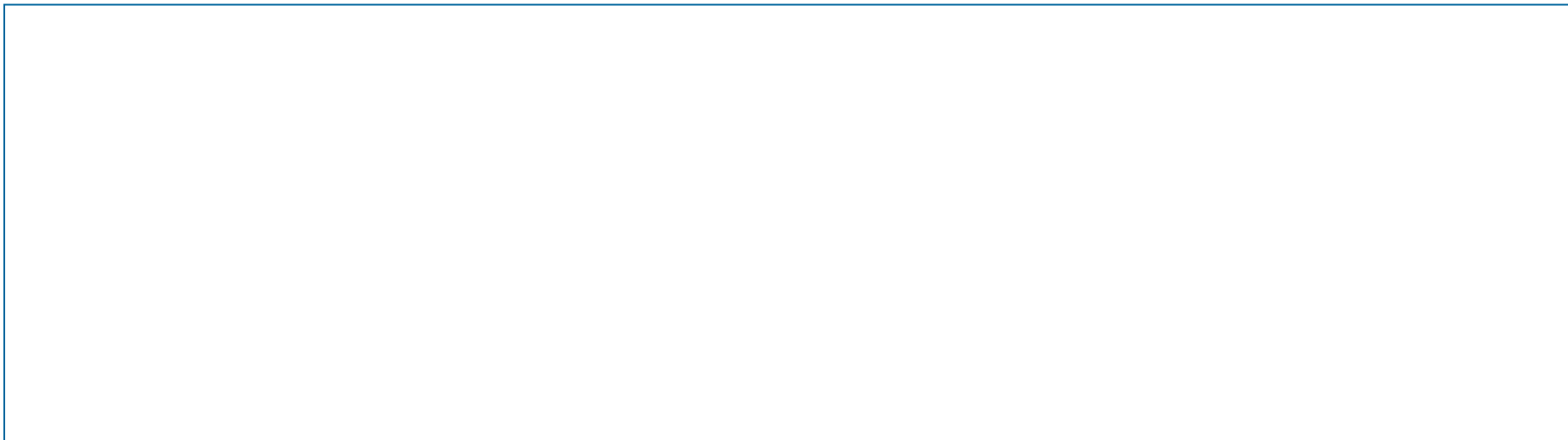


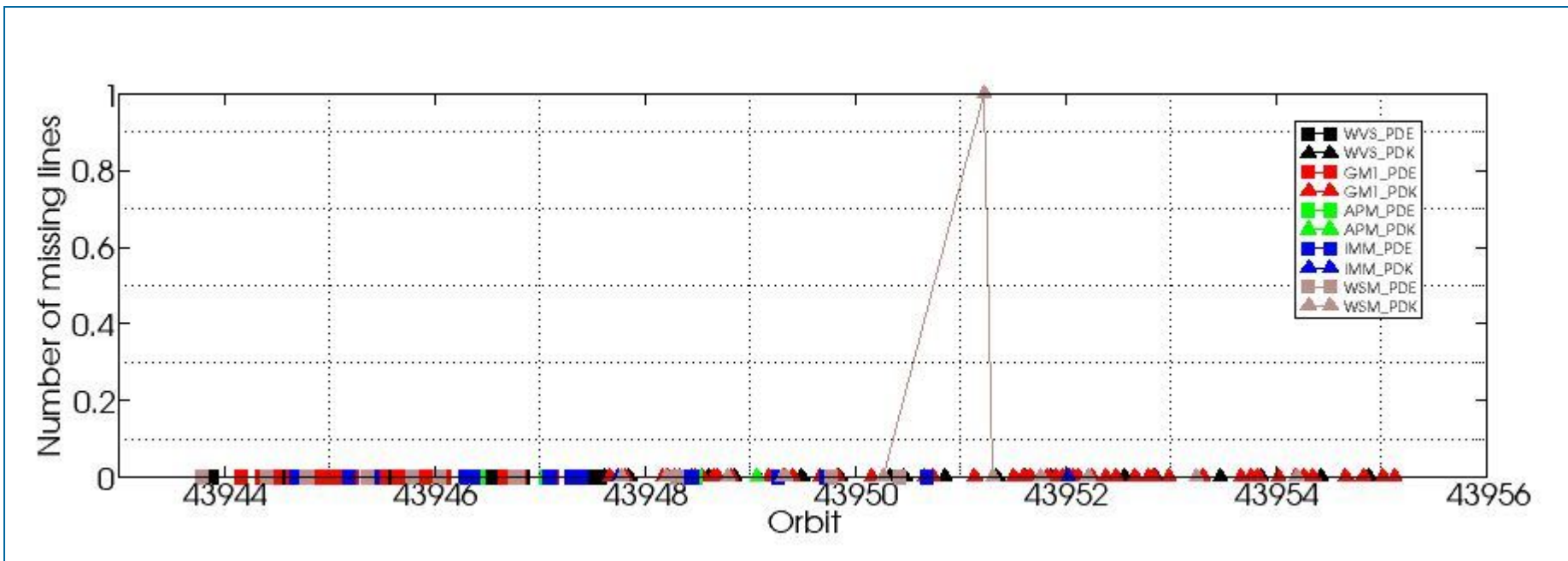
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20100727_122636_000004472091_00310_43951_9229.N1	0	1

8.1 - Number of Missing lines

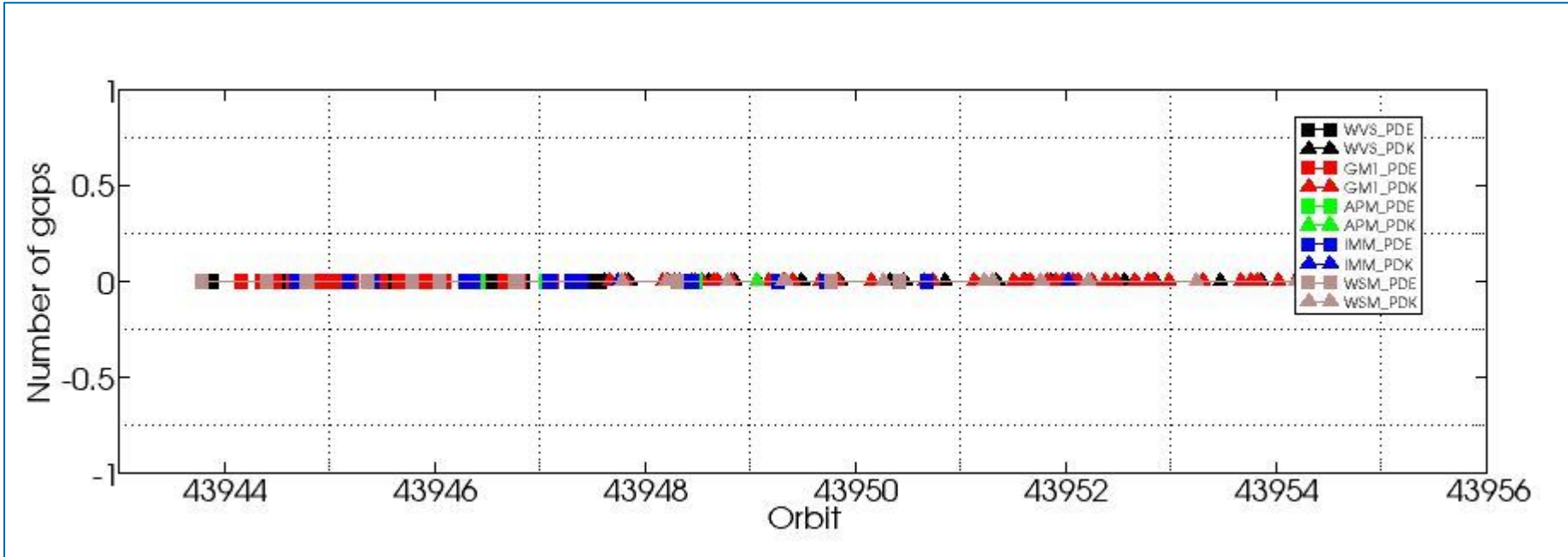
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 100727
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/

DATA SUMMARY

Summary will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_100727/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_100727/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/AUXILIARY

Creating directory ./RESULTS/DAILY/_100727/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20100727*current_3_IECF_ADFs.txt
 Found list 20100727_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
 ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20100727_000427_000003002091_00302_43943_9374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_000842_000016342091_00302_43943_9385.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_005748_000001042091_00303_43944_9386.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_010146_000004322091_00303_43944_9388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_012044_000002852091_00303_43944_9391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_014512_000001202091_00303_43944_9394.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_014627_000002842091_00303_43944_9413.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_025245_000005102091_00304_43945_9414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_030100_000003002091_00304_43945_9435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_033225_000002692091_00304_43945_9434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_034118_000001192091_00304_43945_9431.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_042935_000007942091_00305_43946_9440.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_044220_000002552091_00305_43946_9463.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_050624_000012442091_00305_43946_9460.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_060750_000004342091_00306_43947_9457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100727_061956_000002402091_00306_43947_9456.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_062341_000002102091_00306_43947_9104.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_064700_000018892091_00306_43947_9108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_080305_000002852091_00307_43948_9142.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_082736_000012592091_00307_43948_9145.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_085000_000006292091_00308_43949_9146.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_093220_000009592091_00308_43949_9183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_100812_000018142091_00308_43949_9186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_105717_000000892091_00309_43950_9214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_111027_000011092091_00309_43950_9216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_114848_000016942091_00309_43950_9219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_123841_000009292091_00310_43951_9242.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_130610_000001952091_00310_43951_9245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_132924_000002852091_00310_43951_9259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_143954_000006152091_00311_43952_9297.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_151000_000007492091_00311_43952_9303.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_161209_000011242091_00312_43953_9331.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_165036_000010042091_00312_43953_9333.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_165036_000010042091_00312_43953_9334.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_174814_000013942091_00313_43954_9362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100727_183400_000008392091_00313_43954_9365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20100727_003648_000010812091_00303_43944_9384.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100727_005544_000001202091_00303_43944_9387.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100727_010939_000006282091_00303_43944_9389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



```
ASA_GM1_1PNPDK20100727_182845_000001442091_00313_43954_9363.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100727_184834_000005012091_00314_43955_9364.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100727_185841_000003622091_00314_43955_9366.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20100727_042312_000000432091_00305_43946_9427.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100727_052749_000001702091_00306_43947_9453.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100727_075128_000003152091_00307_43948_9492.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100727_084911_000000422091_00308_43949_9160.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20100727_012826_000005842091_00303_43944_9392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_022003_000001292091_00304_43945_9405.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_023921_000000372091_00304_43945_9403.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_024152_000000732091_00304_43945_9404.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_041007_000001292091_00305_43946_9425.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_041834_000002682091_00305_43946_9426.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_053107_000000372091_00306_43947_9454.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_053208_000001112091_00306_43947_9455.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_055229_000003082091_00306_43947_9449.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_060054_000000372091_00306_43947_9450.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_074330_000001792091_00307_43948_9490.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_074756_000001142091_00307_43948_9491.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_090925_000001582091_00308_43949_9518.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_095436_000003032091_00308_43949_9523.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100727_113212_000003032091_00309_43950_9526.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100727_063607_000001622091_00306_43947_9110.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100727_134659_000000712091_00311_43952_9261.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_100727/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20100727_010018_000000862091_00303_43944_9383.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_013903_000002812091_00303_43944_9393.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_023645_000000922091_00304_43945_9406.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_031919_000001712091_00304_43945_9428.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_034626_000002262091_00305_43946_9429.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_045734_000002022091_00305_43946_9451.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_050116_000000922091_00305_43946_9452.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_073252_000001842091_00307_43948_9489.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_100047_000002752091_00308_43949_9525.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100727_110621_000002452091_00309_43950_9524.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_064004_000002022091_00306_43947_9114.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_072235_000001472091_00307_43948_9119.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_082043_000002452091_00307_43948_9163.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_091328_000001472091_00308_43949_9166.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_091717_000002392091_00308_43949_9167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_105037_000003982091_00309_43950_9196.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_122636_000004472091_00310_43951_9229.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



```
ASA_WSM_1PNPDK20100727_123439_000002452091_00310_43951_9228.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_132102_000003302091_00310_43951_9265.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_140551_000002142091_00311_43952_9258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_154917_000003302091_00312_43953_9311.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100727_172522_000004222091_00313_43954_9351.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_100727/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_100727/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20100727_081001_000000162091_00307_43948_0169.N1

H
H
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/TGH_20100727_081001-20010209_135042.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/TPH_20100727_081001-20010209_135042.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/RGH_20100727_081001-20010209_135042.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/RPH_20100727_081001-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20100726_084138_000000162091_00293_43934_0168.N1

V
V
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/TGV_20100726_084138-20010209_140823.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/TPV_20100726_084138-20010209_140823.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/RGV_20100726_084138-20010209_140823.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/SECOND_REFERENCE/RPV_20100726_084138-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDE20100726_015914_000000162091_00289_43930_0566.N1
Test product: ASA_MS__0PNPDK20100727_081001_000000162091_00307_43948_0169.N1

H
H
../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20100727_081001-20100726_015914.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20100727_081001-20100726_015914.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20100727_081001-20100726_015914.png
../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20100727_081001-20100726_015914.png

Polarization: V
Reference product: ASA_MS__0PNPDE20100725_023051_000000162091_00275_43916_0565.N1



Test product: ASA_MS__0PNPDK20100726_084138_000000162091_00293_43934_0168.N1

V
V

../../../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20100726_084138-20100725_023051.png
../../../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20100726_084138-20100725_023051.png
../../../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20100726_084138-20100725_023051.png
../../../../RESULTS/DAILY/_100727/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20100726_084138-20100725_023051.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100727/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-07-27_1.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-07-27_2.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-07-27_3.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-07-27_4.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-07-27_1.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-07-27_2.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-07-27_3.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_100727/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-07-27_4.dat...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_100727//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100727/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...

Writing file ./RESULTS/DAILY/_100727/DOPPLER/Doppler_data_WVS_IS2_VV_2010-07-27.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100727/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...

Writing file ./RESULTS/DAILY/_100727/DOPPLER/Doppler_data_GM1_SS1_HH_2010-07-27.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100727/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-07-27 00:00:00 to 2010-07-27 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...

Writing file ./RESULTS/DAILY/_100727/DOPPLER/Doppler_Jumps_data_WSM_2010-07-27.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100727/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_100727/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59

Analysing products WVS IS2 V/V

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -29.212426 Hz

Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...


```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -22.772643 Hz
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
*****
```

```
Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = 3.6229540 Hz
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
*****
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -4.6259766 Hz
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_100727//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_100727/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-07-27.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100727/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_100727/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-07-27.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100727/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_100727/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
```

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/RAW_DATA

Creating directory ./RESULTS/DAILY/_100727/RAW_DATA...

Getting raw data for WVS from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/RAW_DATA/Raw_data_WVS_2010-07-27.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-07-27 00:00:00 to 2010-07-27 23:59:59...
Writing file ./RESULTS/DAILY/_100727/RAW_DATA/Raw_data_IMM_2010-07-27.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_100727/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-07-27 00:00:00 to 2010-07-27 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100727/TELEMETRY

Creating directory ./RESULTS/DAILY/_100727/TELEMETRY...

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

Checking 16 products from PDE...
Checking 20 products from PDK...

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

Checking 23 products from PDE...
Checking 51 products from PDK...

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

Checking 3 products from PDE...
Checking 1 products from PDK...

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

Checking 15 products from PDE...
Checking 2 products from PDK...

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

Checking 11 products from PDE...
Checking 12 products from PDK...
Found product...ASA_WSM_1PNPDK20100727_122636_00004472091_00310_43951_9229.N1 / 0 gaps / 1 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_100727/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_100727/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_100727/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_1PNPDE20100727_042312_000000432091_00305_43946_9427.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100727_052749_000001702091_00306_43947_9453.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100727_075128_000003152091_00307_43948_9492.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100727_084911_000000422091_00308_43949_9160.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_1PNPDE20100727_003648_000010812091_00303_43944_9384.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_005544_000001202091_00303_43944_9387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_010939_000006282091_00303_43944_9389.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_012607_000001382091_00303_43944_9390.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_014345_000000782091_00303_43944_9397.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_015201_000007552091_00303_43944_9407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_020712_000007732091_00304_43945_9408.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_022222_000008582091_00304_43945_9410.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_024010_000000962091_00304_43945_9409.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_024725_000000722091_00304_43945_9412.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_024942_000001812091_00304_43945_9415.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_030718_000007132091_00304_43945_9439.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_032215_000002232091_00304_43945_9438.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_032701_000003202091_00304_43945_9437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_033735_000002232091_00304_43945_9436.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_035049_000011602091_00305_43946_9433.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_041229_000003682091_00305_43946_9432.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_042416_000003202091_00305_43946_9430.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_044724_000006042091_00305_43946_9465.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_050253_000002112091_00305_43946_9464.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_053411_000011002091_00306_43947_9462.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_055747_000001872091_00306_43947_9461.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100727_060145_000003622091_00306_43947_9459.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_062800_000004892091_00306_43947_9103.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_064331_000002052091_00306_43947_9105.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_071918_000001932091_00307_43948_9106.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_072508_000004282091_00307_43948_9107.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_073132_000000662091_00307_43948_9136.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_073612_000001082091_00307_43948_9137.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_074639_000000722091_00307_43948_9138.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_075000_000000842091_00307_43948_9139.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_075704_000003382091_00307_43948_9141.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_080834_000000782091_00307_43948_9140.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_081119_000005552091_00307_43948_9143.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_082447_000001632091_00307_43948_9144.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_090115_000004892091_00308_43949_9147.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_091559_000000662091_00308_43949_9181.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_092321_000005372091_00308_43949_9182.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_094910_000003262091_00308_43949_9184.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_100527_000001632091_00308_43949_9185.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_103913_000006772091_00309_43950_9187.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_112943_000001502091_00309_43950_9215.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_113724_000006832091_00309_43950_9217.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_121747_000005252091_00310_43951_9218.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_125458_000005492091_00310_43951_9243.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_130416_000001082091_00310_43951_9244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_131005_000006282091_00310_43951_9246.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_132637_000001632091_00310_43951_9247.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_133447_000003922091_00310_43951_9250.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_134217_000002712091_00310_43951_9249.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_134819_000001322091_00311_43952_9248.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_135221_000001692091_00311_43952_9251.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_135626_000005612091_00311_43952_9252.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_135626_000005612091_00311_43952_9253.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_140931_000000842091_00311_43952_9260.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_141017_000006712091_00311_43952_9294.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_142223_000003382091_00311_43952_9295.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_143237_000004342091_00311_43952_9296.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_145057_000005552091_00311_43952_9299.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_150253_000001322091_00311_43952_9298.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_150732_000001442091_00311_43952_9300.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_152317_000015532091_00311_43952_9304.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_155630_000006042091_00312_43953_9328.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_163134_000004472091_00312_43953_9330.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20100727_164154_000001022091_00312_43953_9329.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_164833_000001142091_00312_43953_9332.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_170806_000010272091_00313_43954_9335.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_172410_000000602091_00313_43954_9358.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_173230_000004472091_00313_43954_9359.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_174115_000001932091_00313_43954_9360.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_181207_000002772091_00313_43954_9361.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_182845_000001442091_00313_43954_9363.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_184834_000005012091_00314_43955_9364.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100727_185841_000003622091_00314_43955_9366.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_1PNPDE20100727_012826_000005842091_00303_43944_9392.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_022003_000001292091_00304_43945_9405.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_023921_000000372091_00304_43945_9403.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_024152_000000732091_00304_43945_9404.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_041007_000001292091_00305_43946_9425.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_041834_000002682091_00305_43946_9426.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_053107_000000372091_00306_43947_9454.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_053208_000001112091_00306_43947_9455.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_055229_000003082091_00306_43947_9449.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_060054_000000372091_00306_43947_9450.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_074330_000001792091_00307_43948_9490.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_074756_000001142091_00307_43948_9491.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_090925_000001582091_00308_43949_9518.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_095436_000003032091_00308_43949_9523.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100727_113212_000003032091_00309_43950_9526.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100727_063607_000001622091_00306_43947_9110.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100727_134659_000000712091_00311_43952_9261.N1					OK	OK	OK	OK

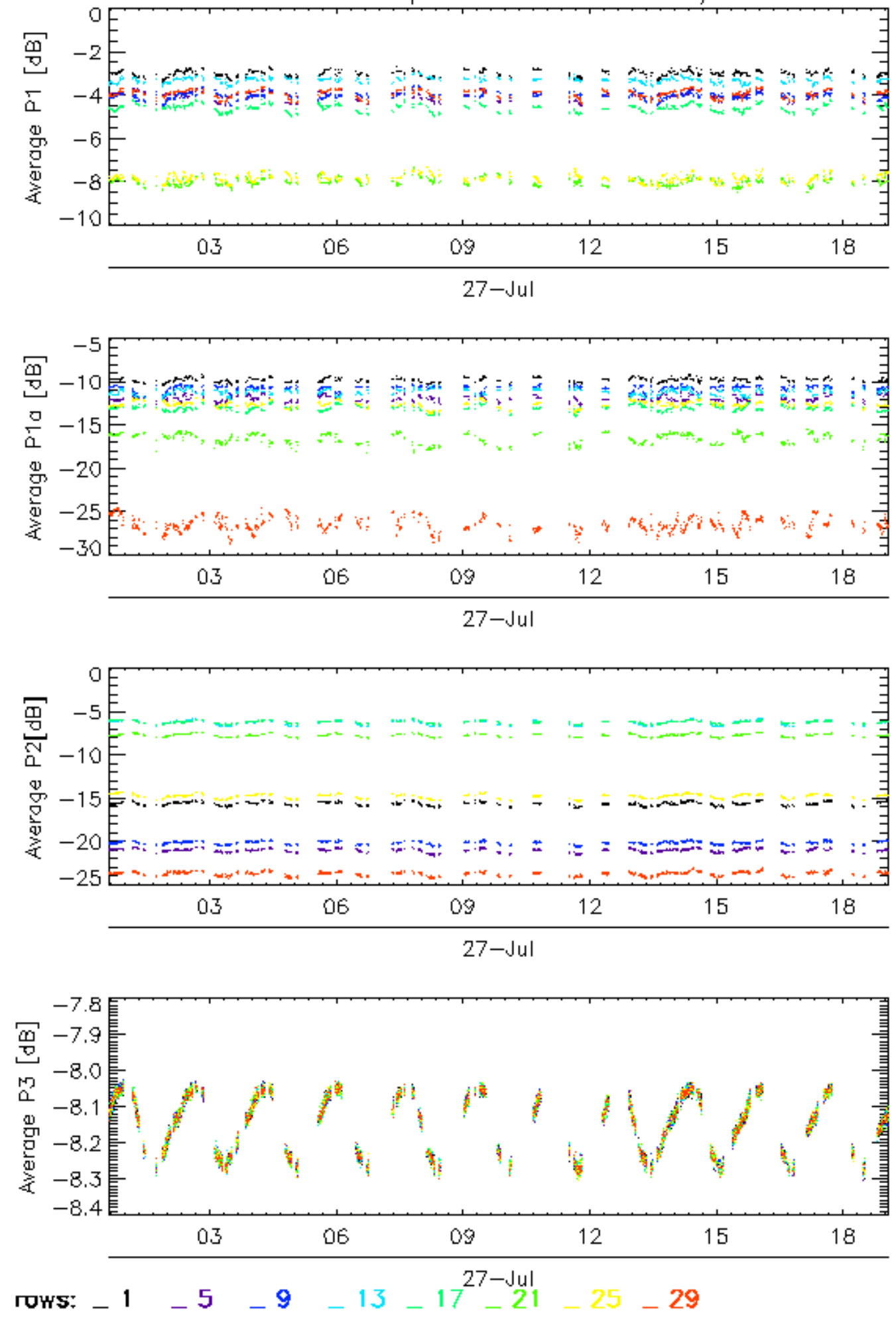
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20100727_010018_000000862091_00303_43944_9383.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_013903_000002812091_00303_43944_9393.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_023645_000000922091_00304_43945_9406.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_031919_000001712091_00304_43945_9428.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_034626_000002262091_00305_43946_9429.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_045734_000002022091_00305_43946_9451.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_050116_000000922091_00305_43946_9452.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_073252_000001842091_00307_43948_9489.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_100047_000002752091_00308_43949_9525.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100727_110621_000002452091_00309_43950_9524.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_064004_000002022091_00306_43947_9114.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_072235_000001472091_00307_43948_9119.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_082043_000002452091_00307_43948_9163.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_091328_000001472091_00308_43949_9166.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_091717_000002392091_00308_43949_9167.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_105037_000003982091_00309_43950_9196.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_122636_000004472091_00310_43951_9229.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_123439_000002452091_00310_43951_9228.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_132102_000003302091_00310_43951_9265.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_140551_000002142091_00311_43952_9258.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_154917_000003302091_00312_43953_9311.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100727_172522_000004222091_00313_43954_9351.N1					OK	OK	OK	OK

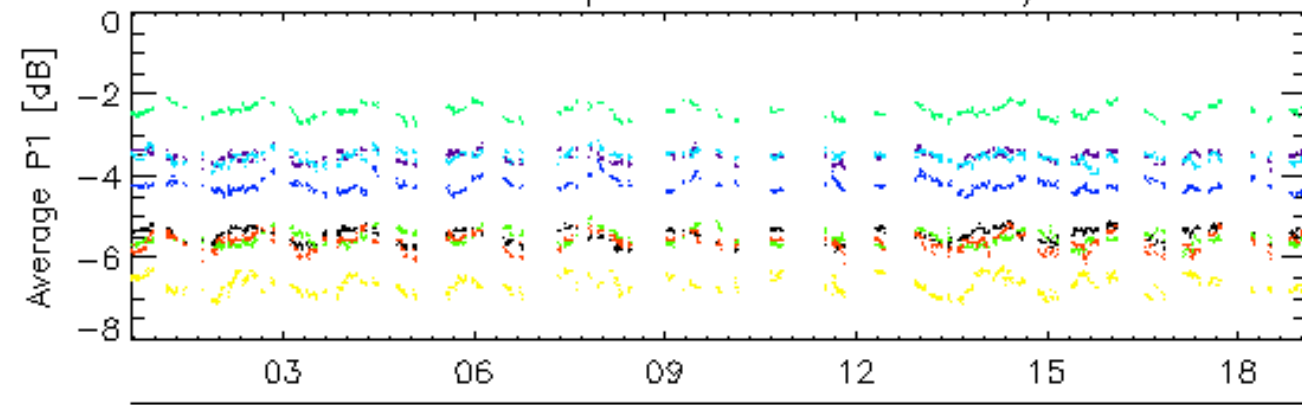
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20100727_000427_000003002091_00302_43943_9374.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_000842_000016342091_00302_43943_9385.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_005748_000001042091_00303_43944_9386.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_010146_000004322091_00303_43944_9388.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_012044_000002852091_00303_43944_9391.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_014512_000001202091_00303_43944_9394.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_014627_000002842091_00303_43944_9413.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_025245_000005102091_00304_43945_9414.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_030100_000003002091_00304_43945_9435.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_033225_000002692091_00304_43945_9434.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_034118_000001192091_00304_43945_9431.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_042935_000007942091_00305_43946_9440.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_044220_000002552091_00305_43946_9463.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_050624_000012442091_00305_43946_9460.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_060750_000004342091_00306_43947_9457.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100727_061956_000002402091_00306_43947_9456.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100727_062341_000002102091_00306_43947_9104.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100727_100812_000018142091_00308_43949_9186.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100727_114848_000016942091_00309_43950_9219.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100727_130610_000001952091_00310_43951_9245.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100727_132924_000002852091_00310_43951_9259.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100727_151000_000007492091_00311_43952_9303.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100727_161209_000011242091_00312_43953_9331.N1					OK	OK	OK	OK
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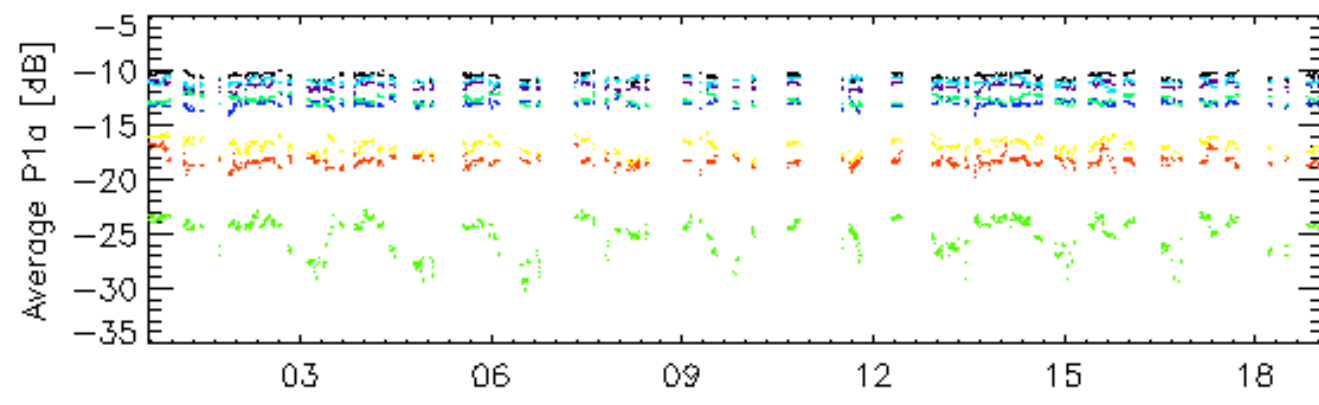
Calibration pulses for GM1 SS3 H/H



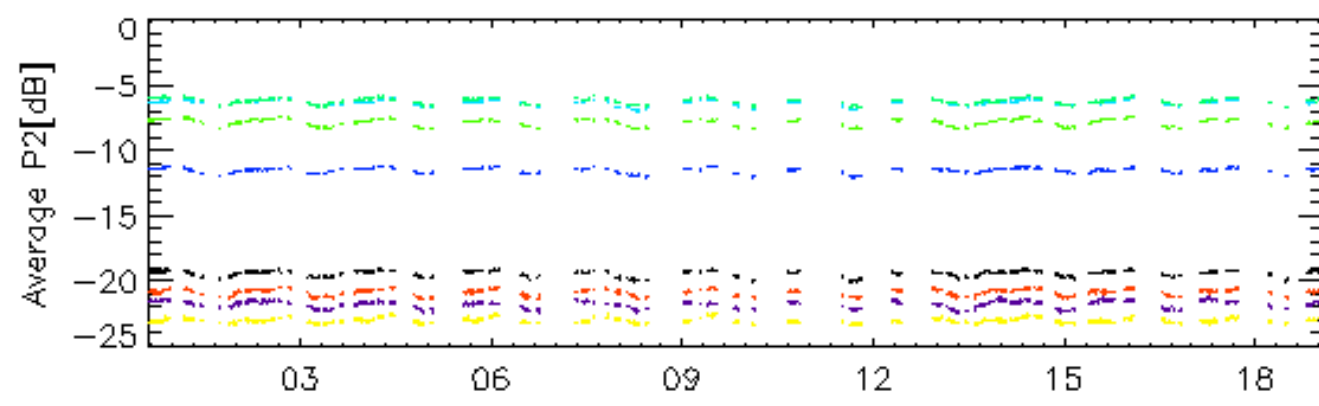
Calibration pulses for GM1 SS3 H/H



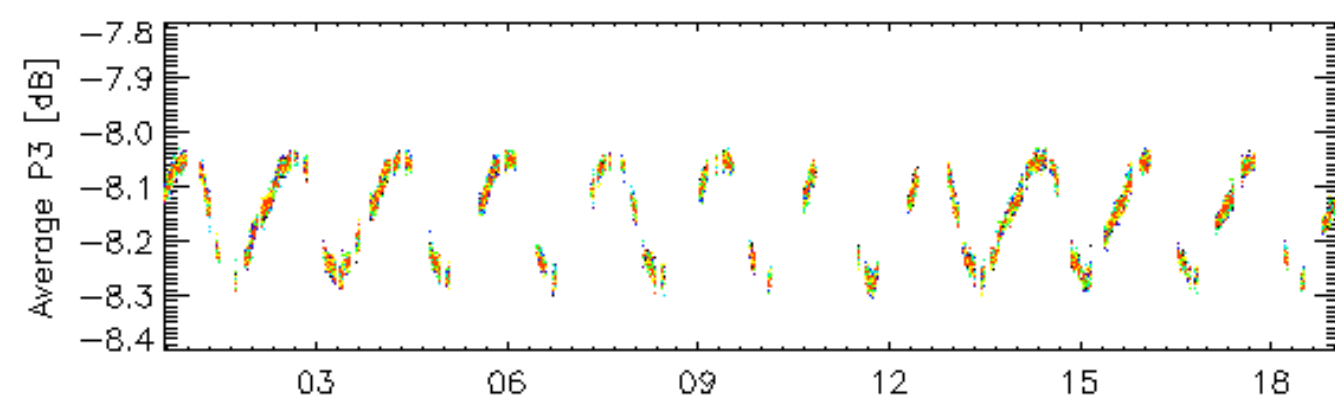
27-Jul



27-Jul



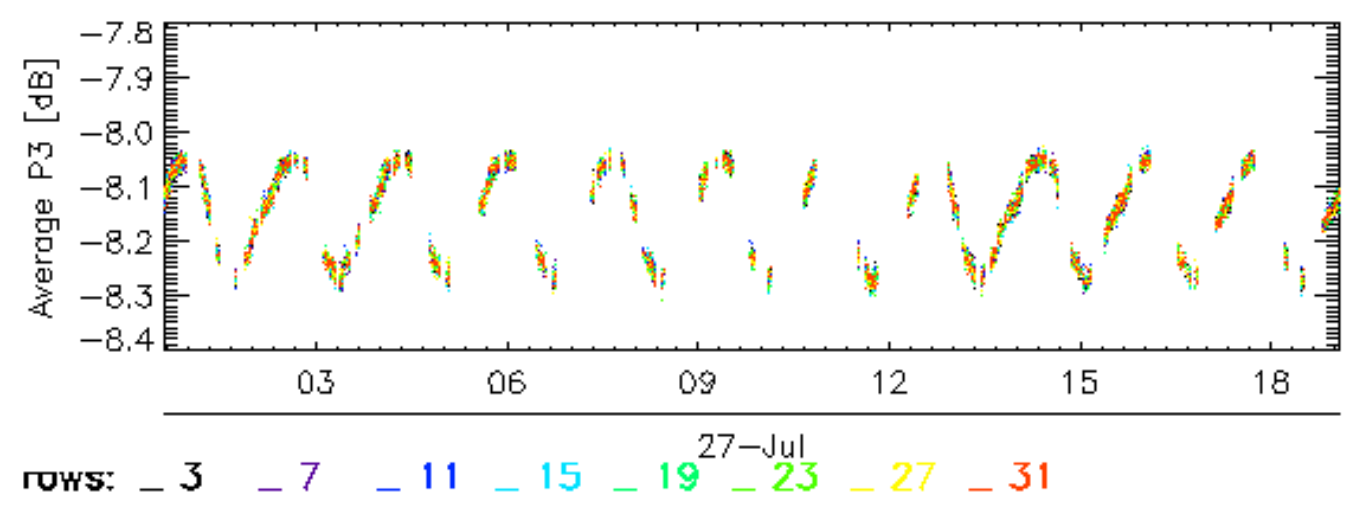
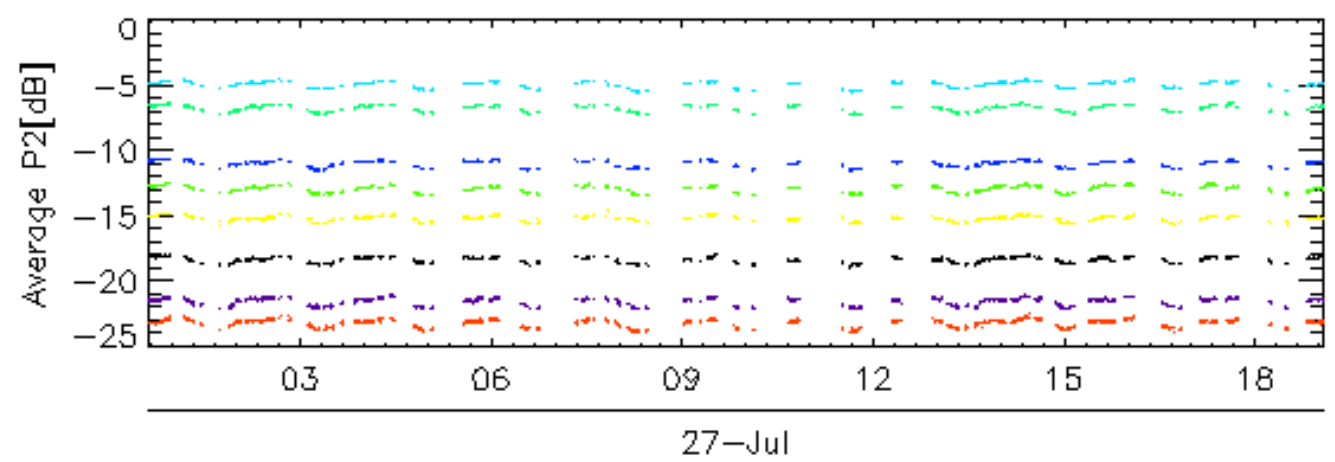
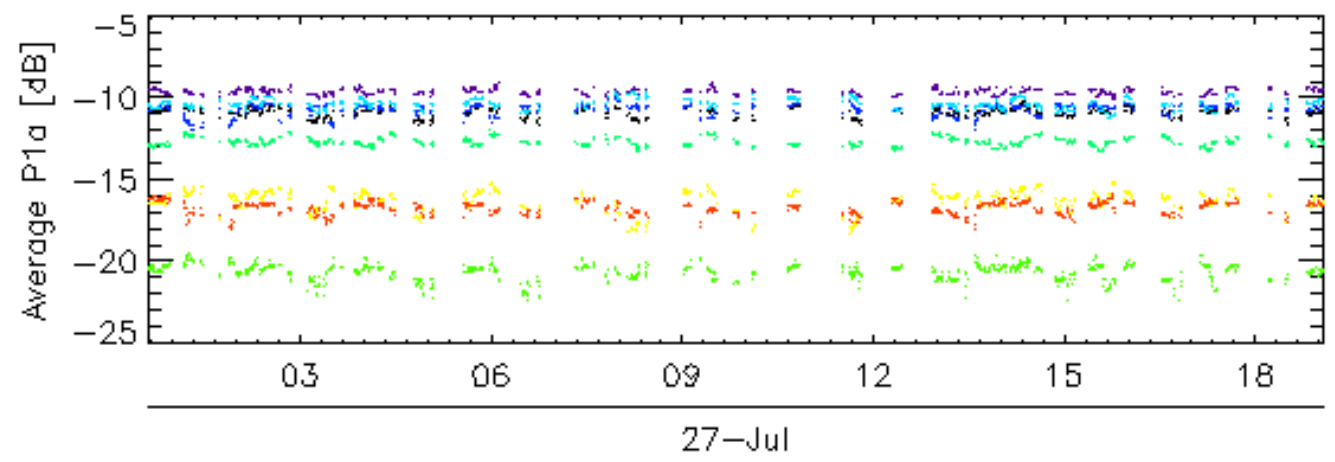
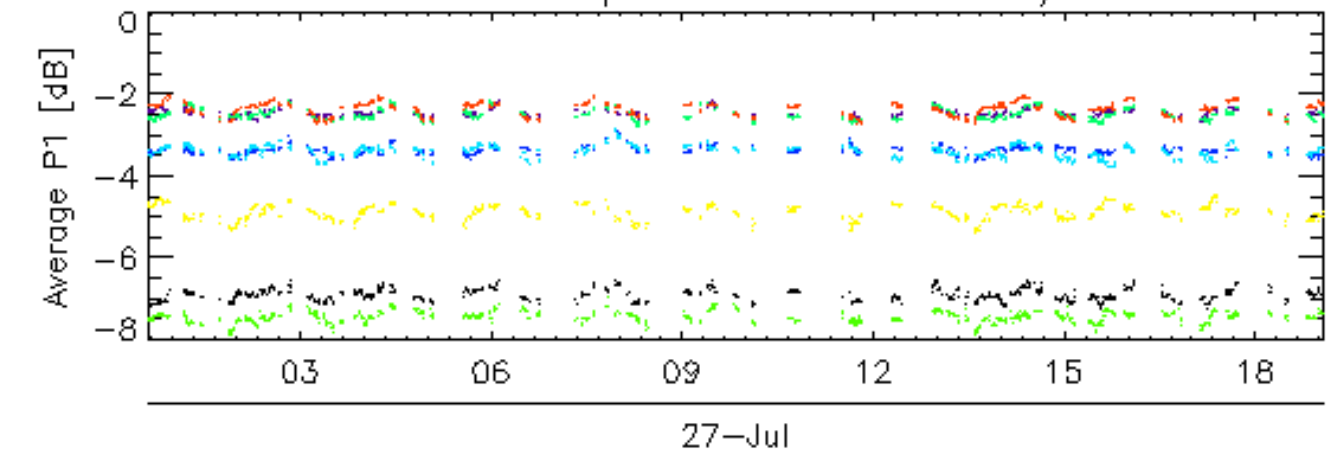
27-Jul



27-Jul

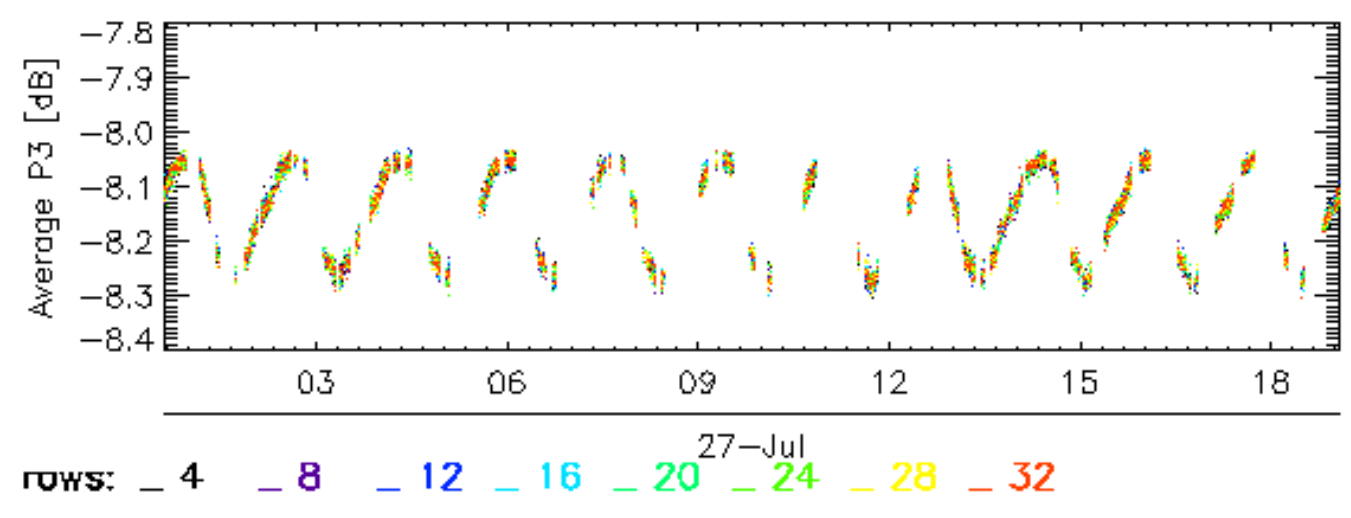
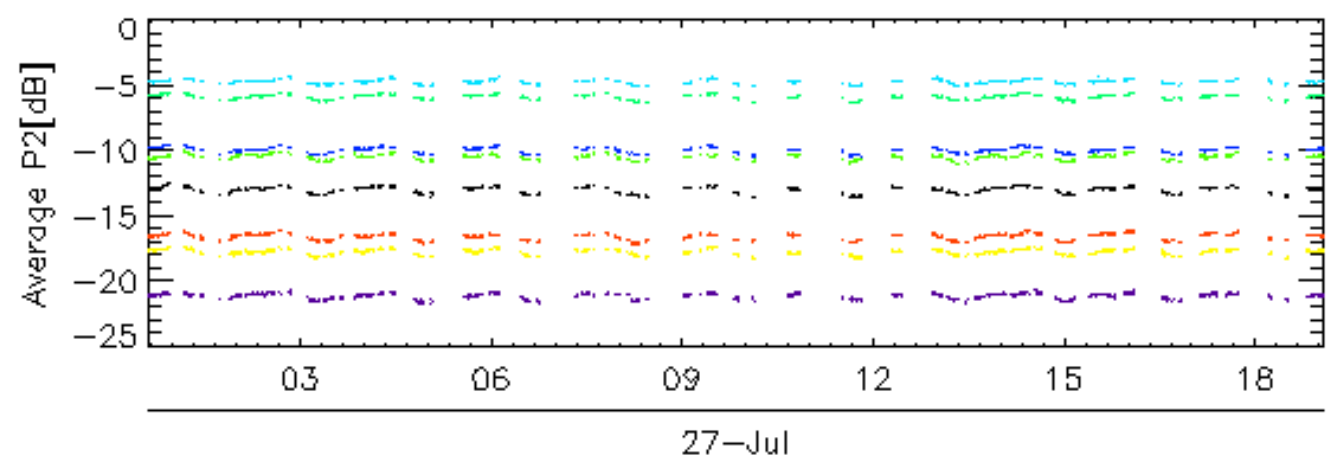
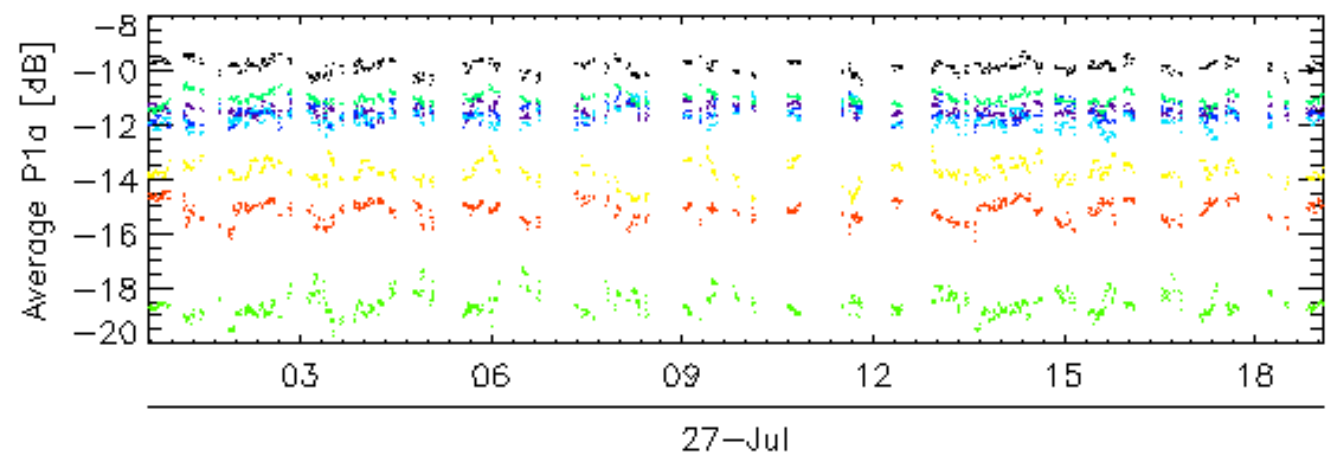
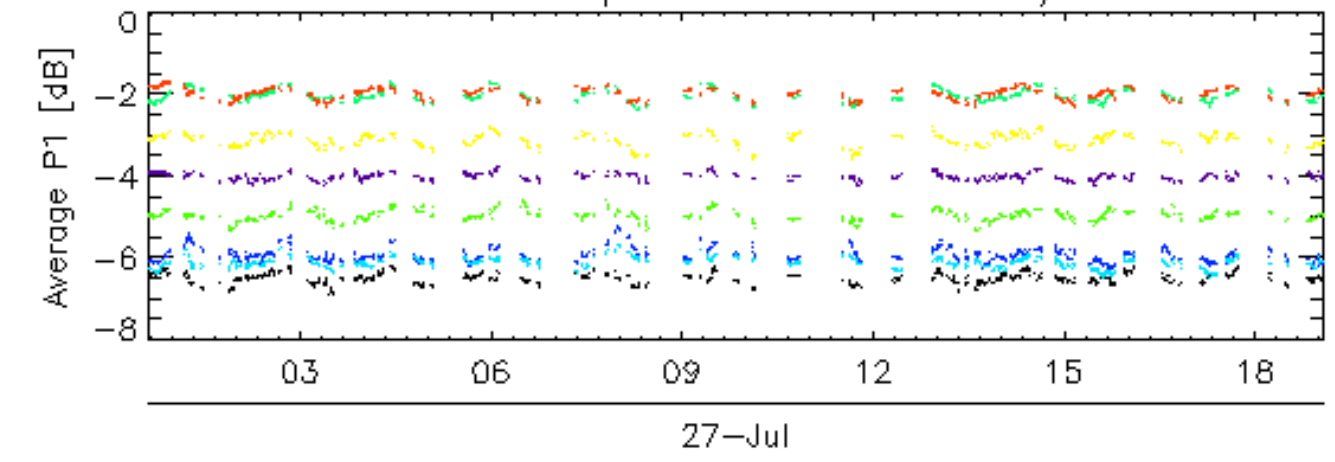
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Calibration pulses for GM1 SS3 H/H

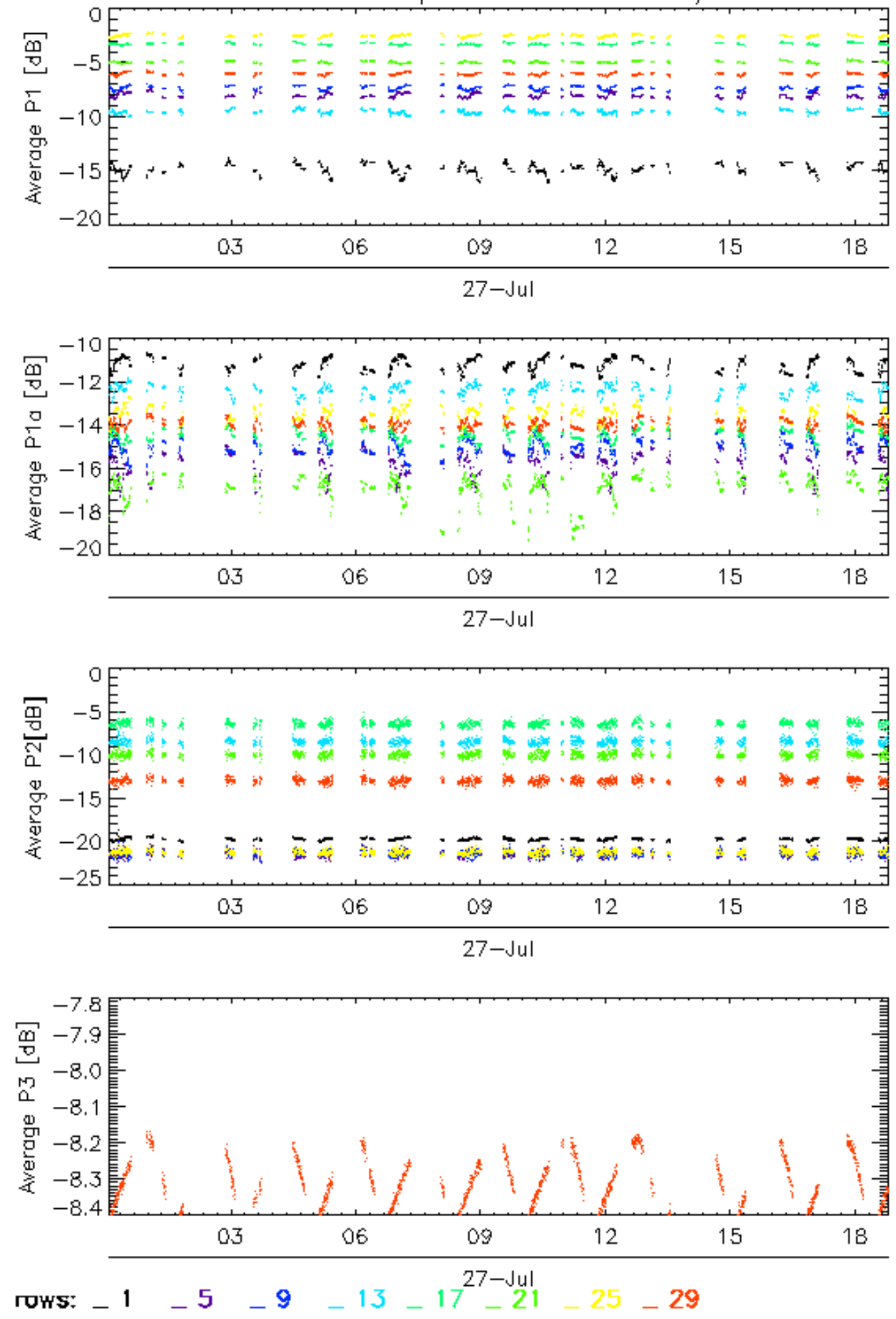


rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

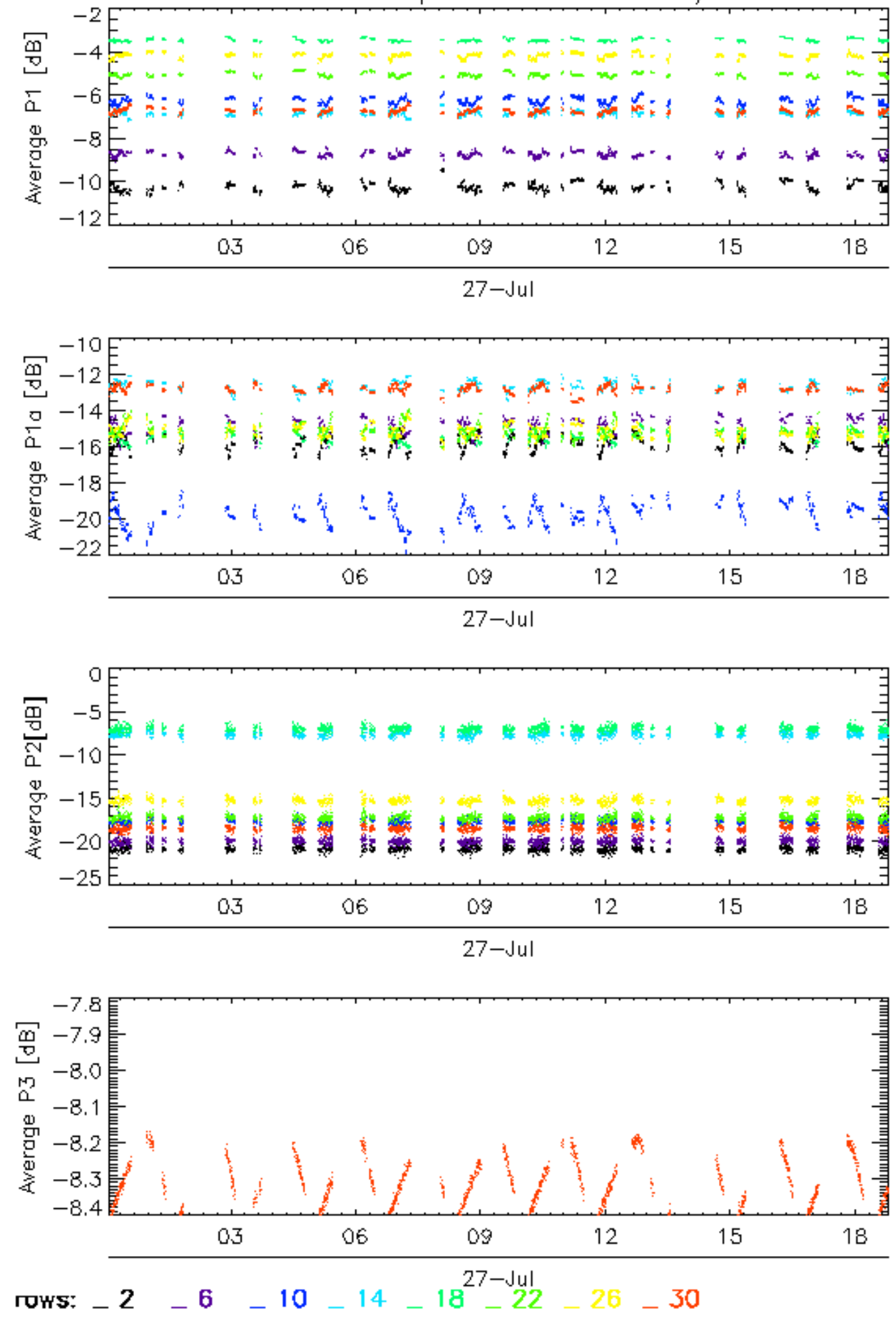
Calibration pulses for GM1 SS3 H/H



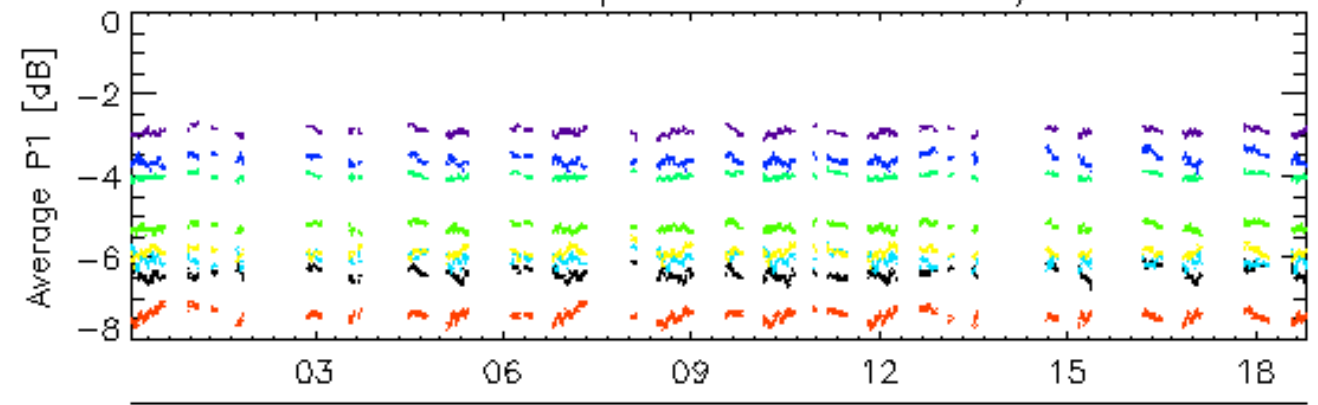
Calibration pulses for WVS IS2 V/V



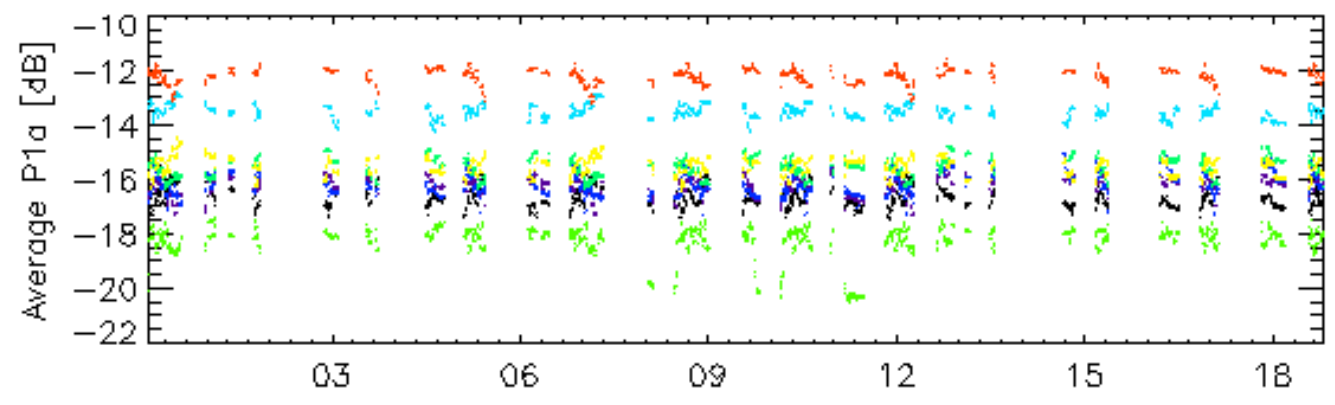
Calibration pulses for WVS IS2 V/V



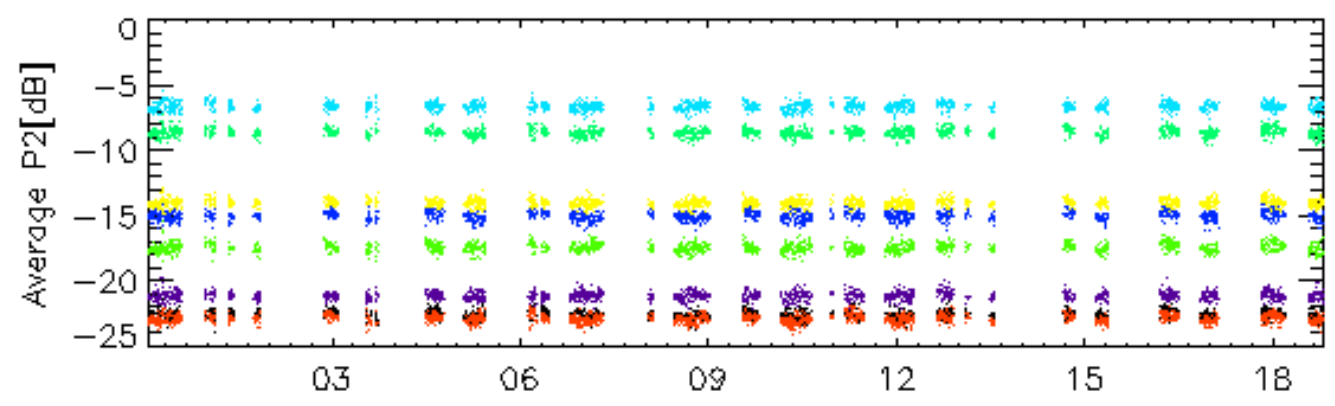
Calibration pulses for WVS IS2 V/V



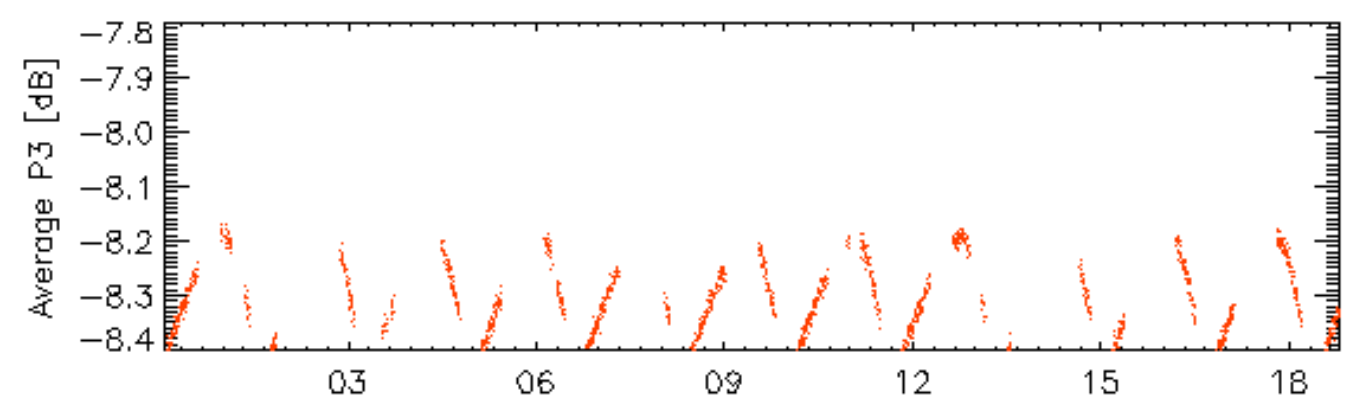
27-Jul



27-Jul



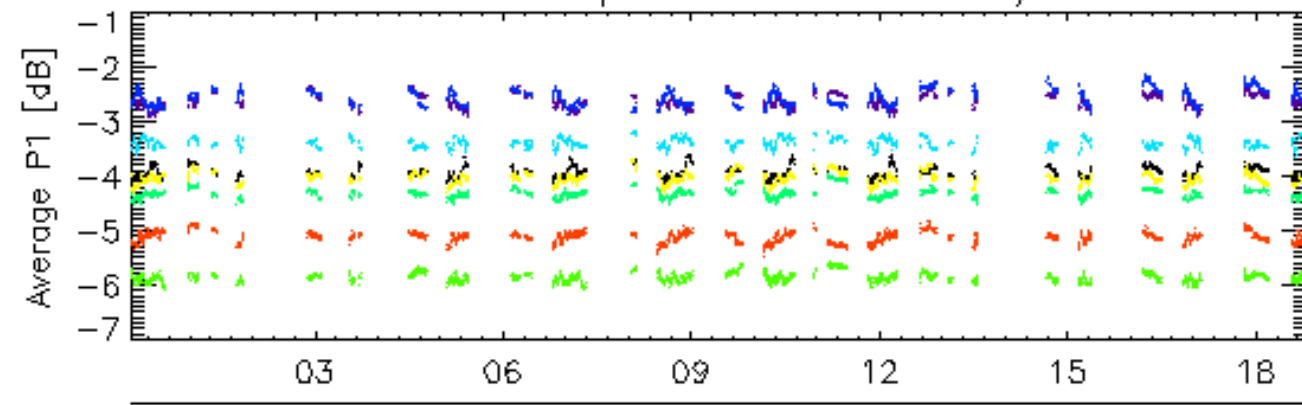
27-Jul



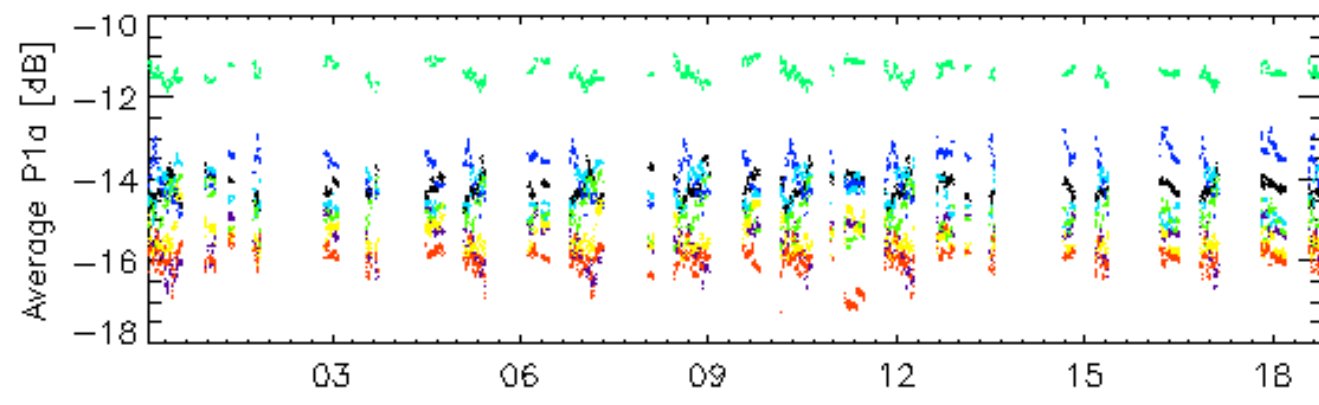
27-Jul

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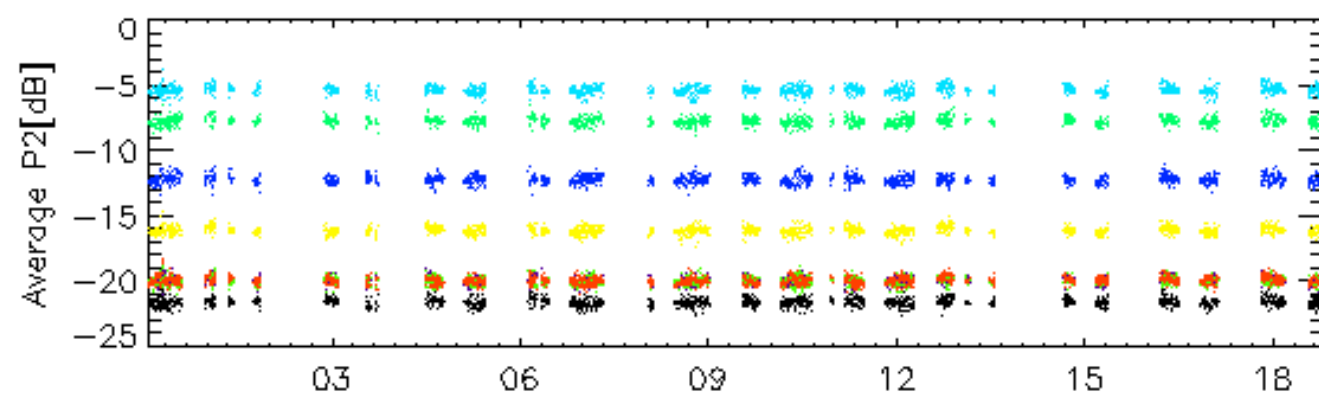
Calibration pulses for WVS IS2 V/V



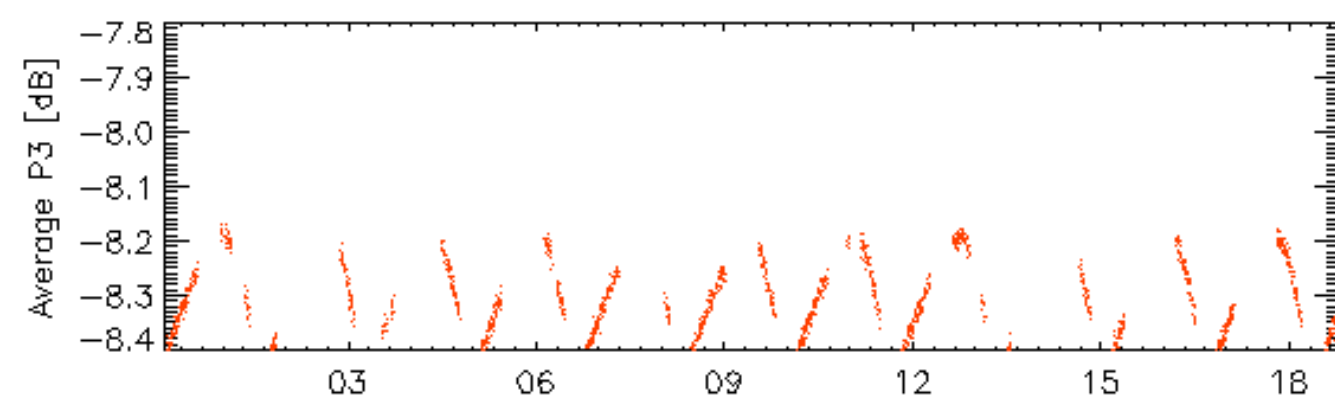
27-Jul



27-Jul

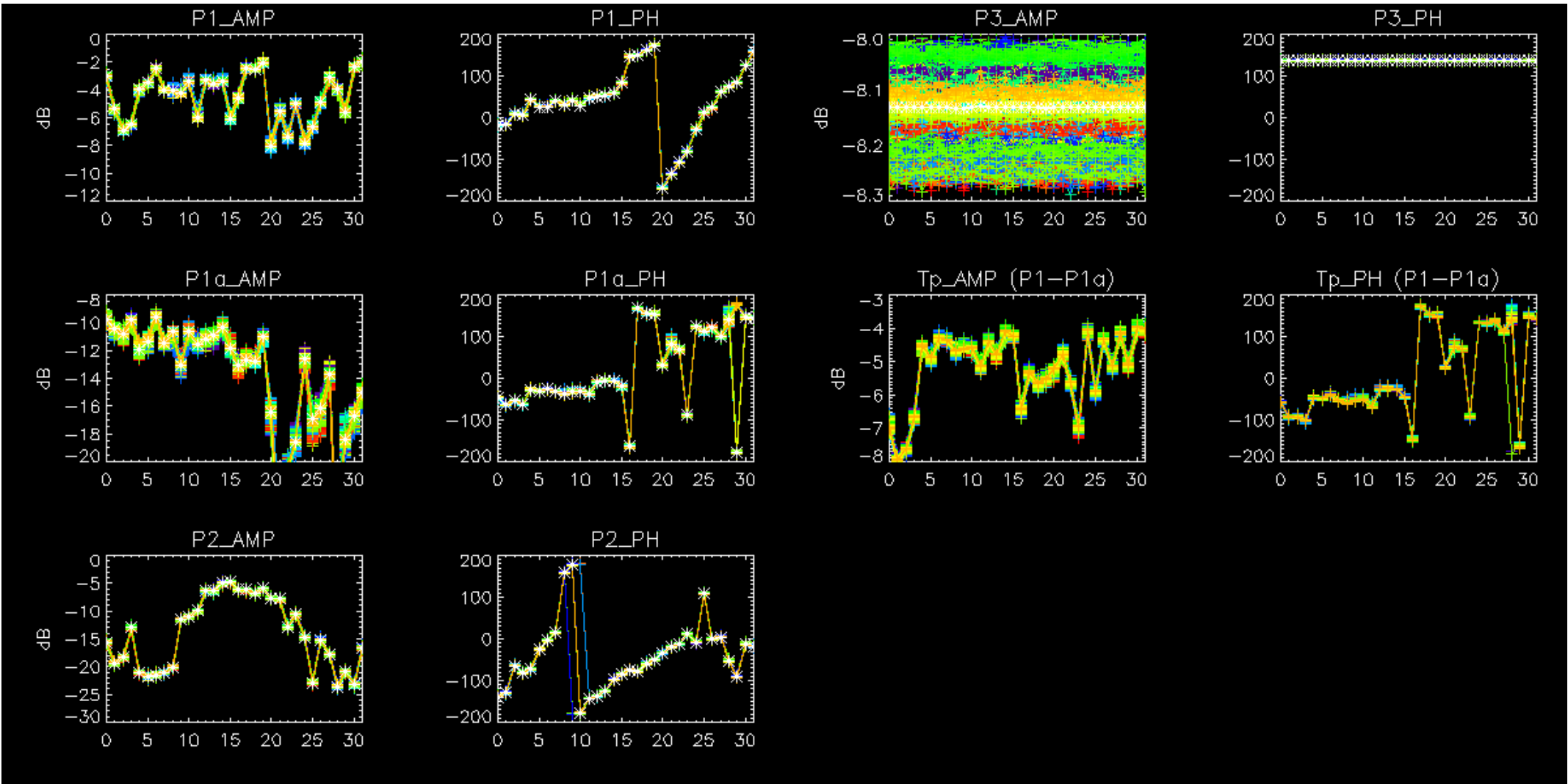


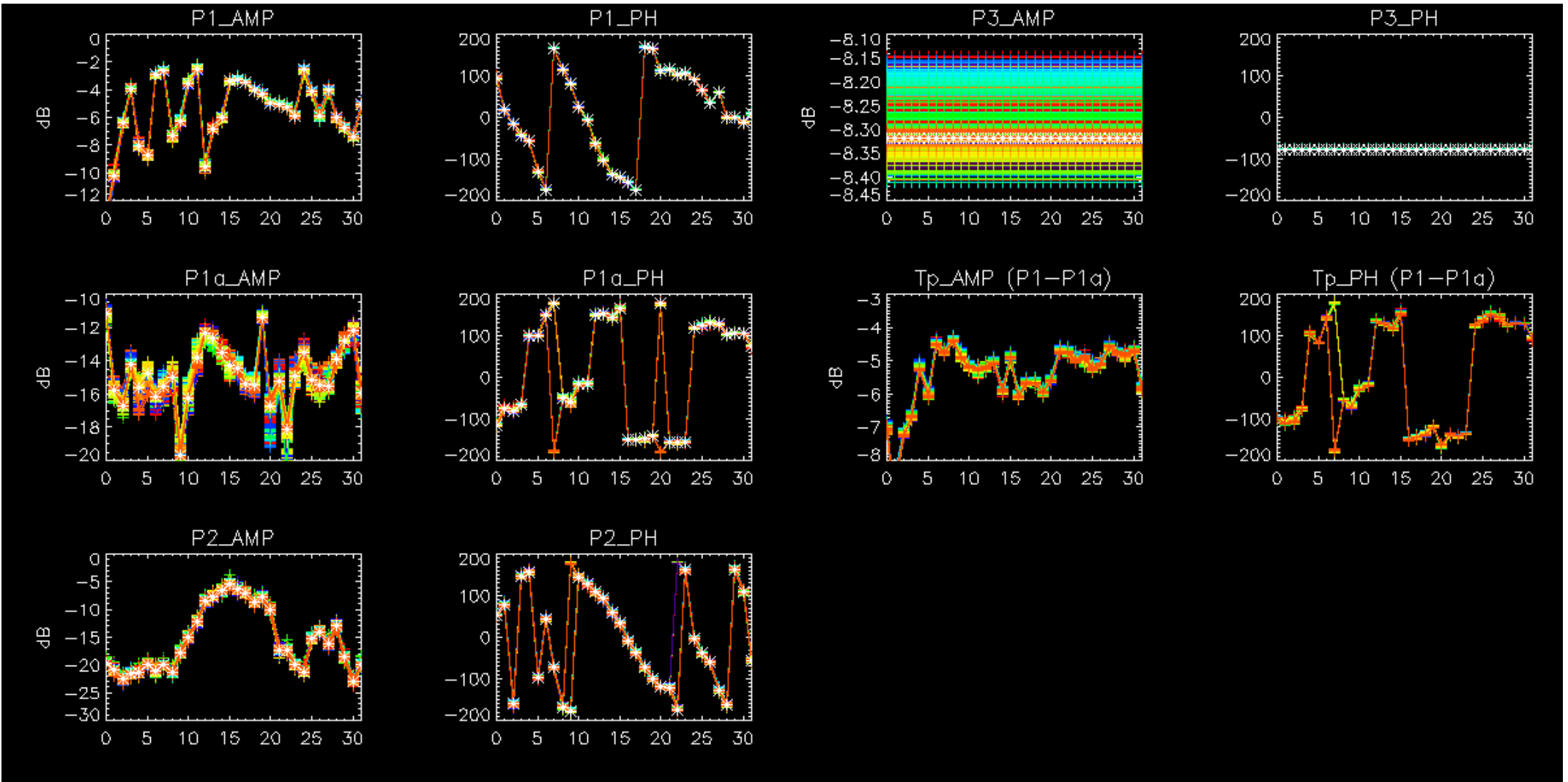
27-Jul

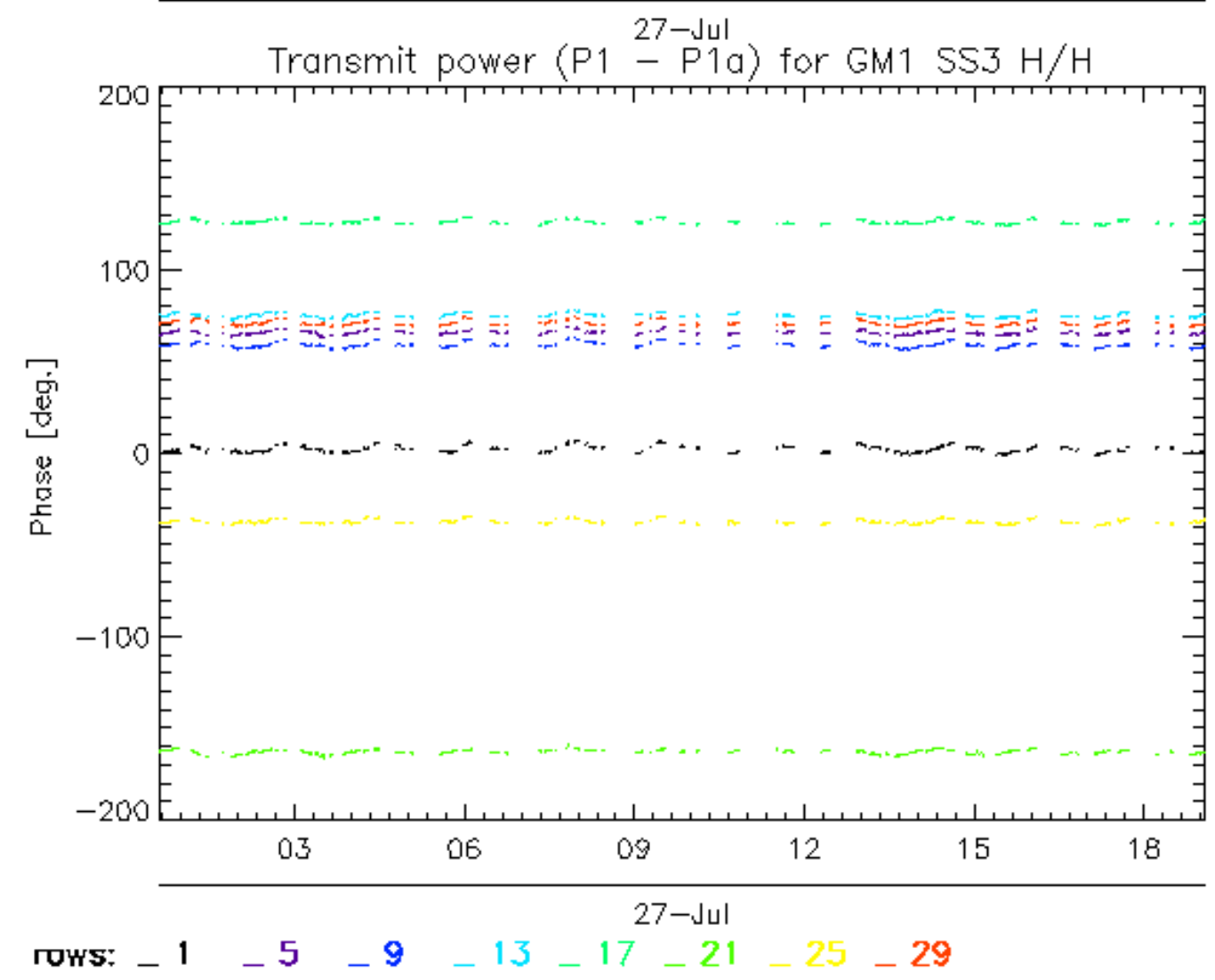
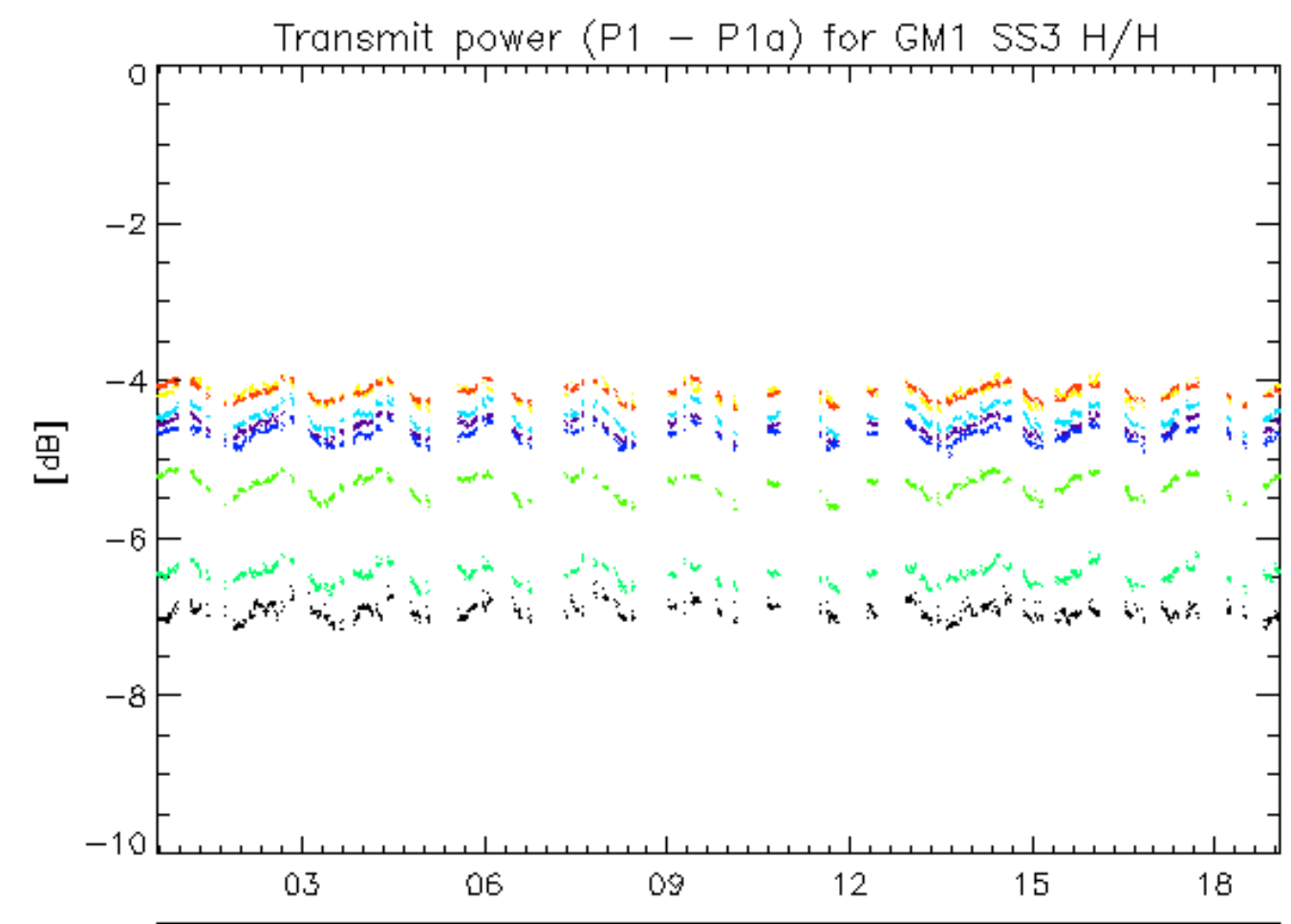


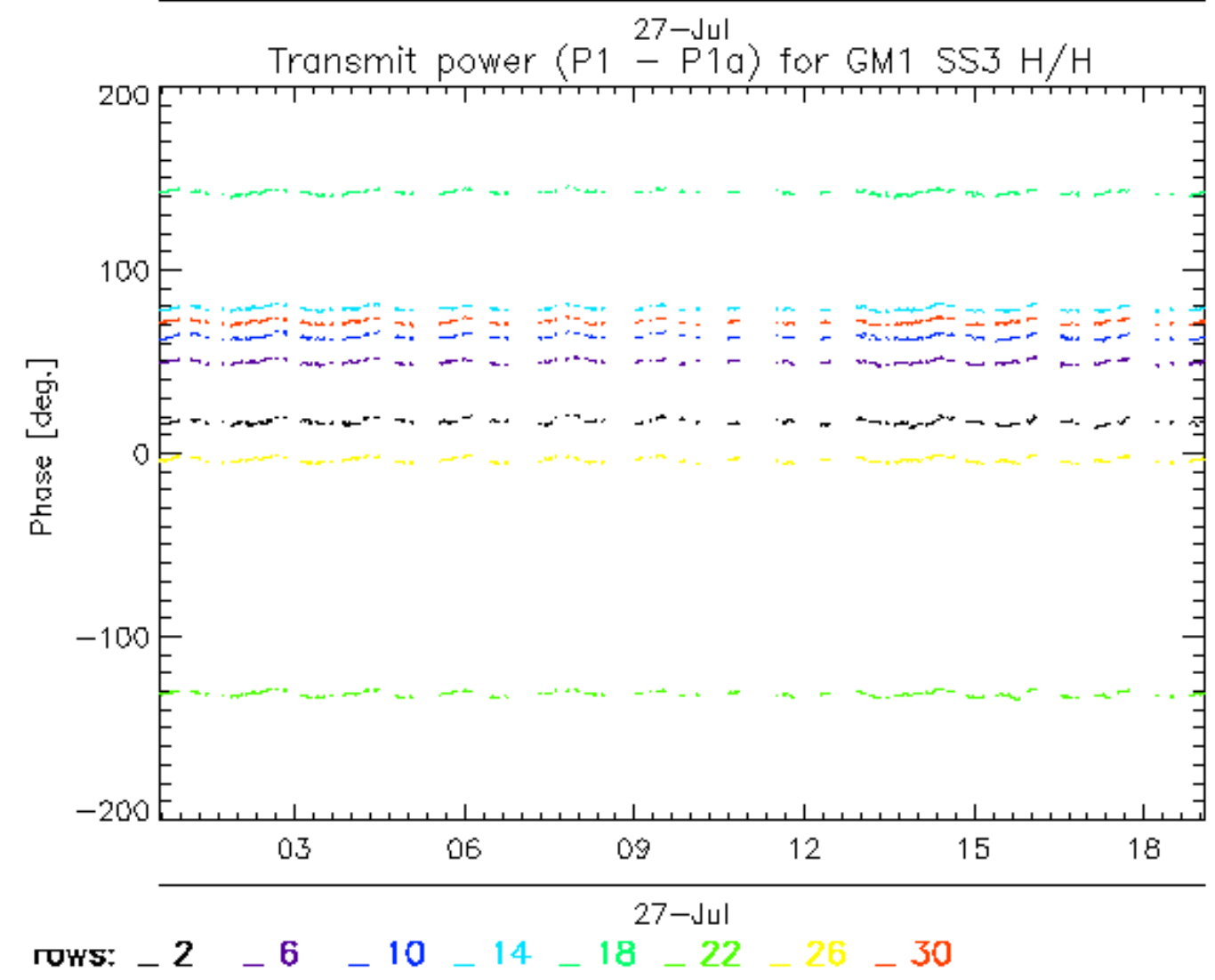
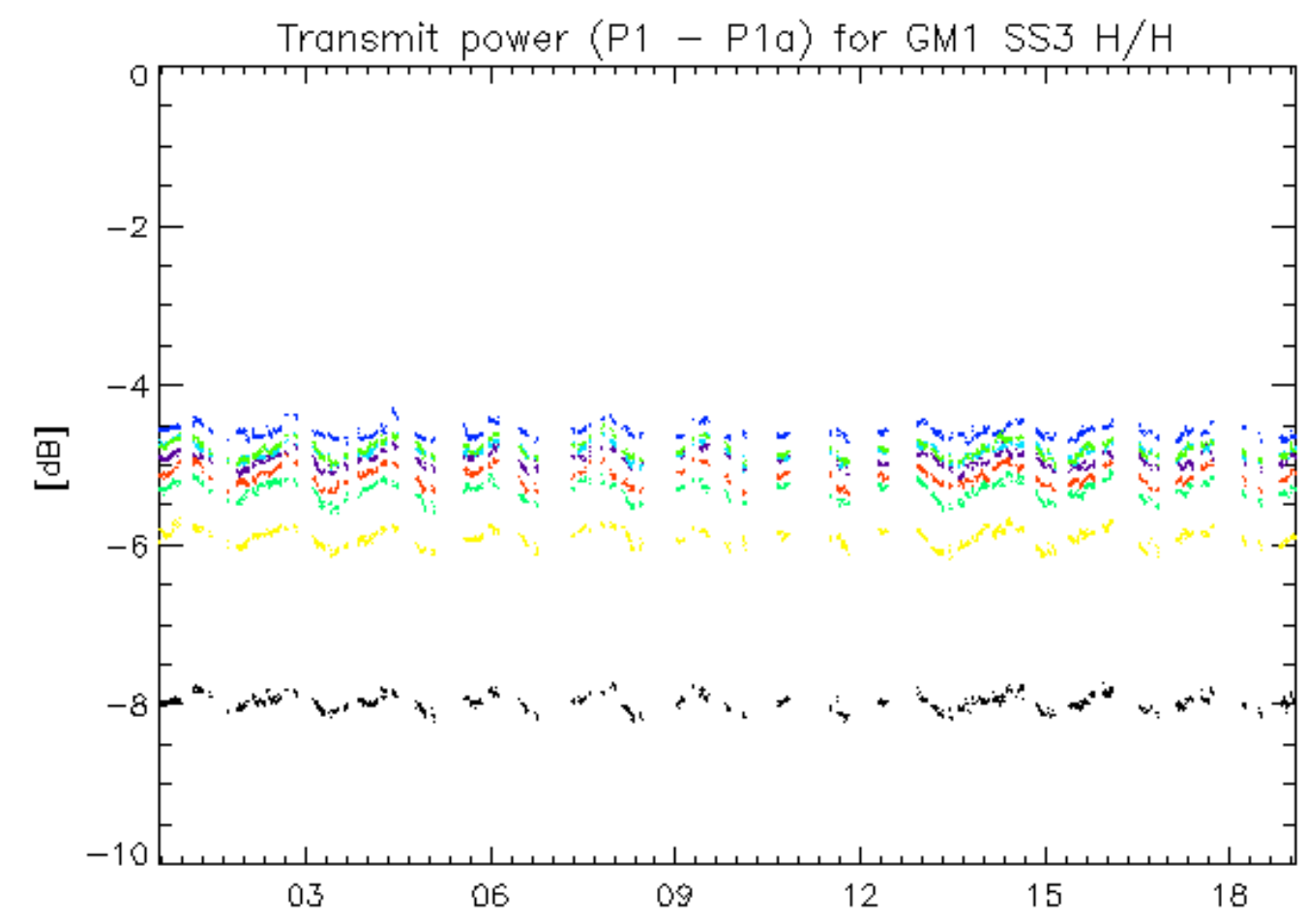
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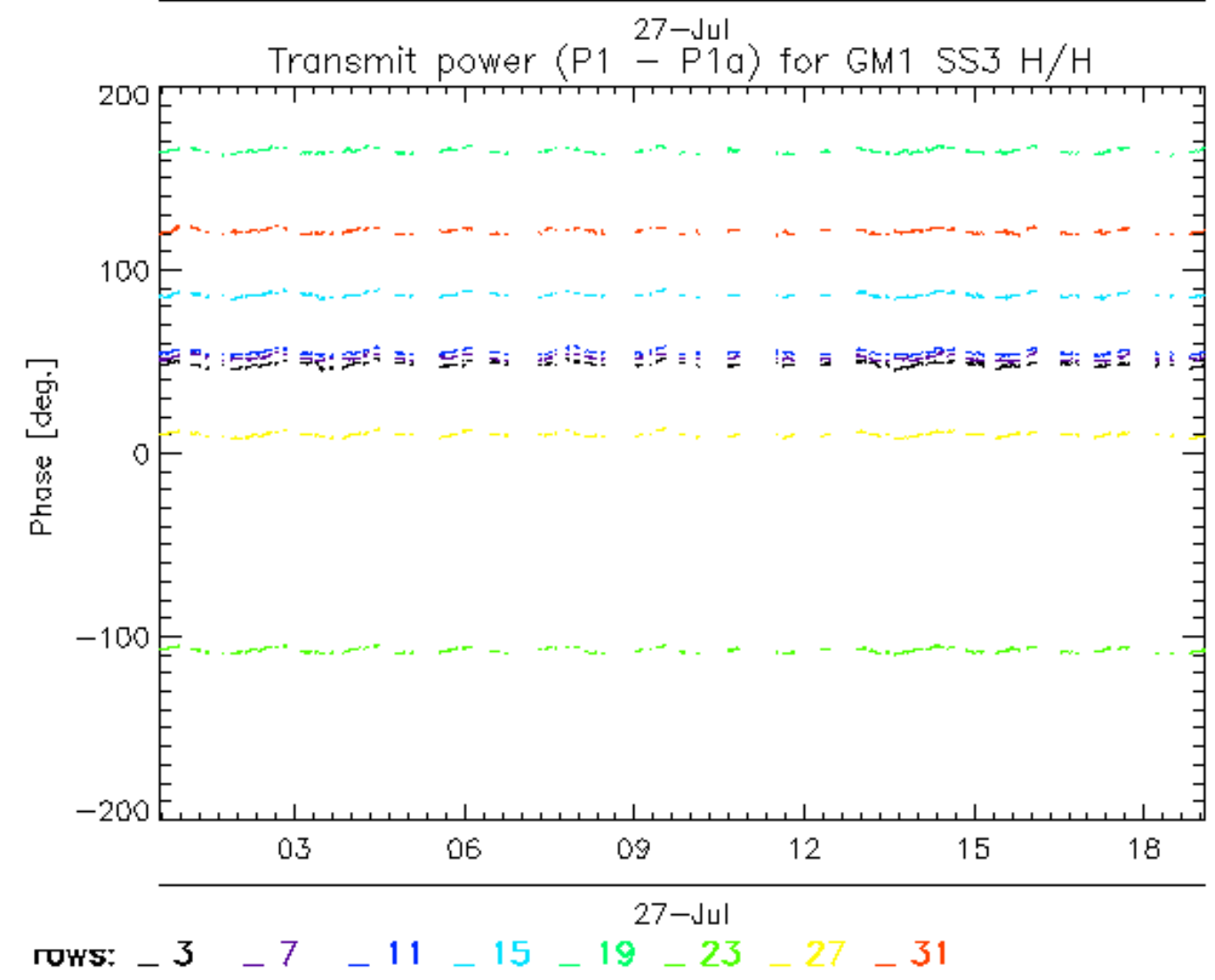
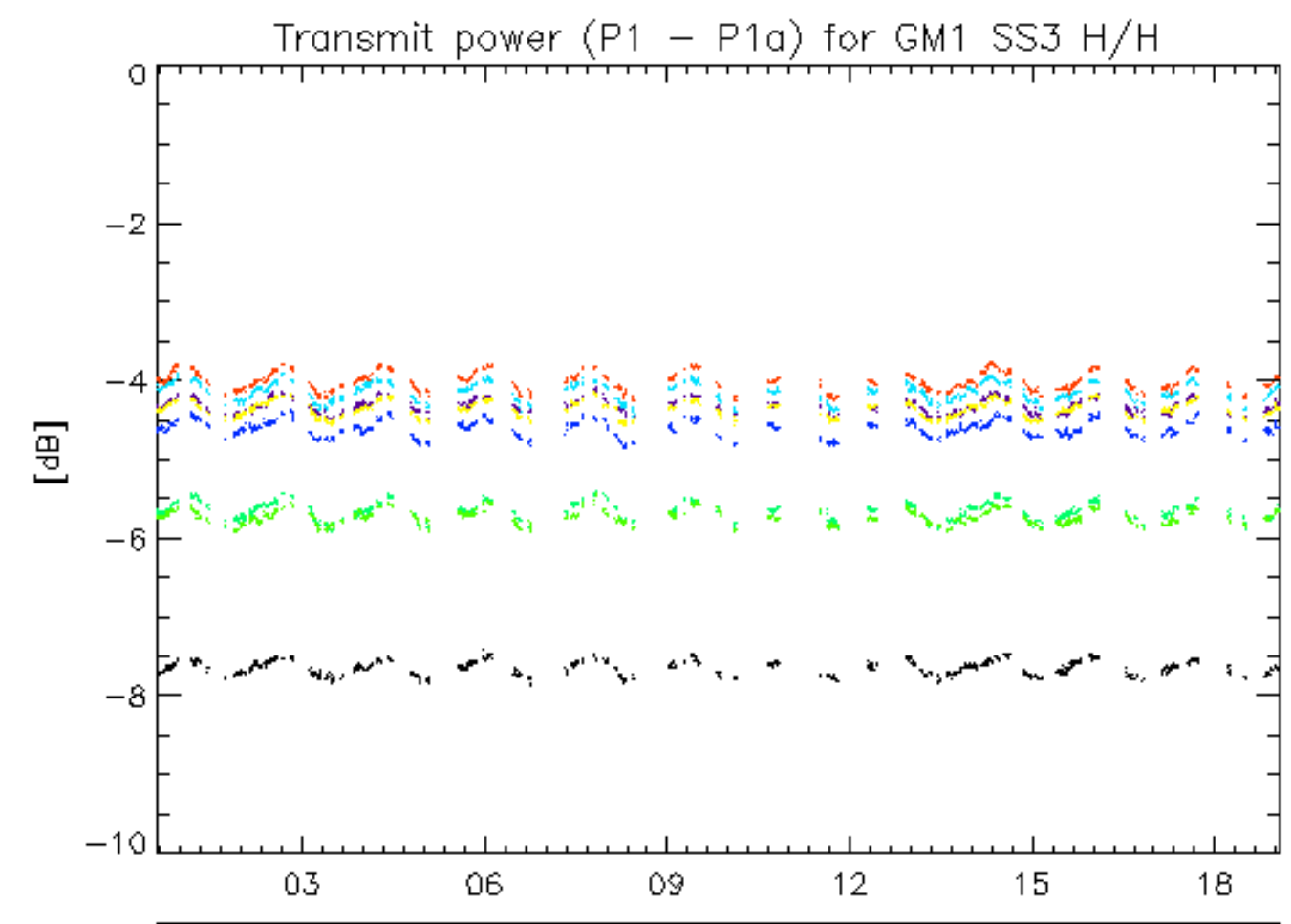
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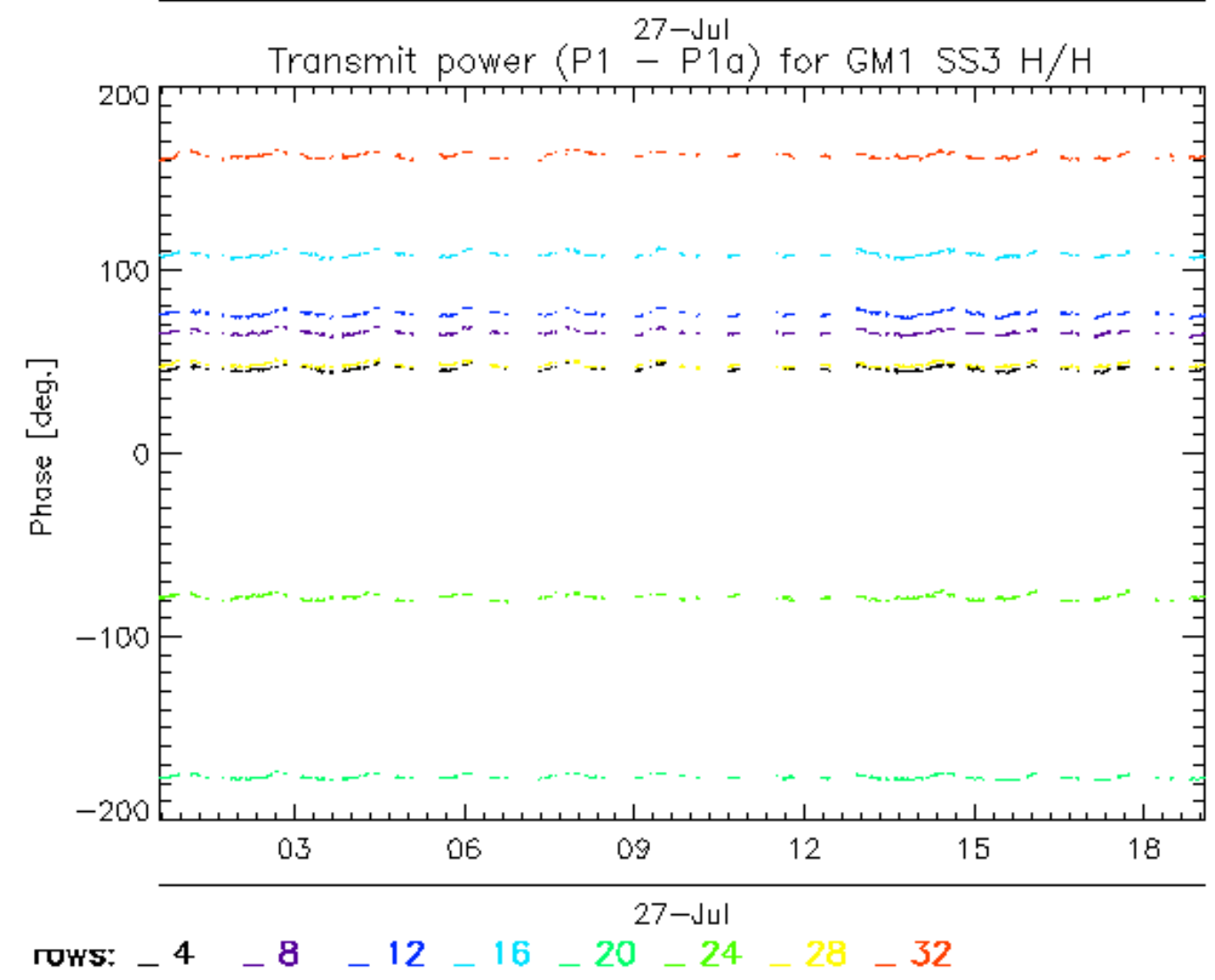
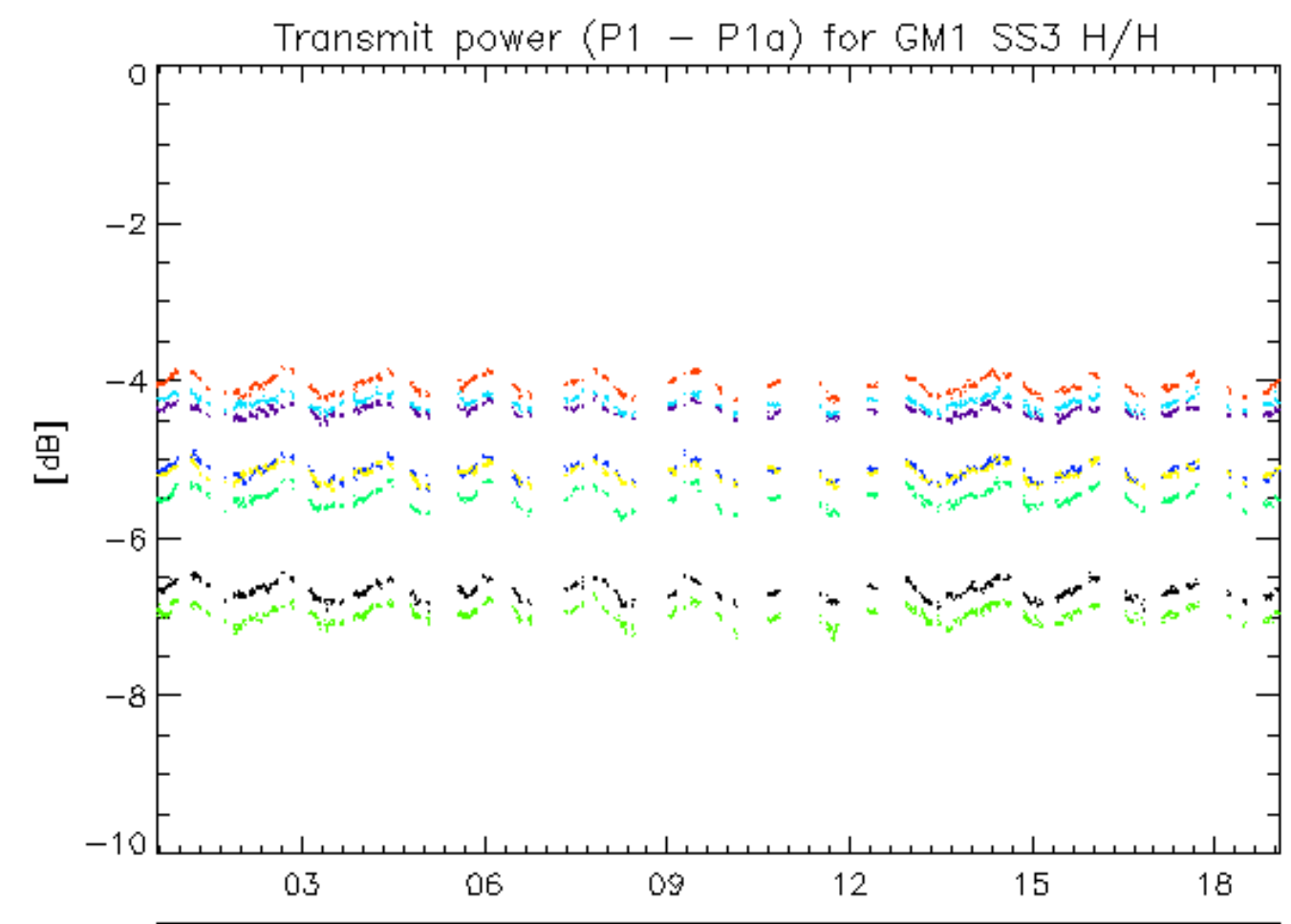


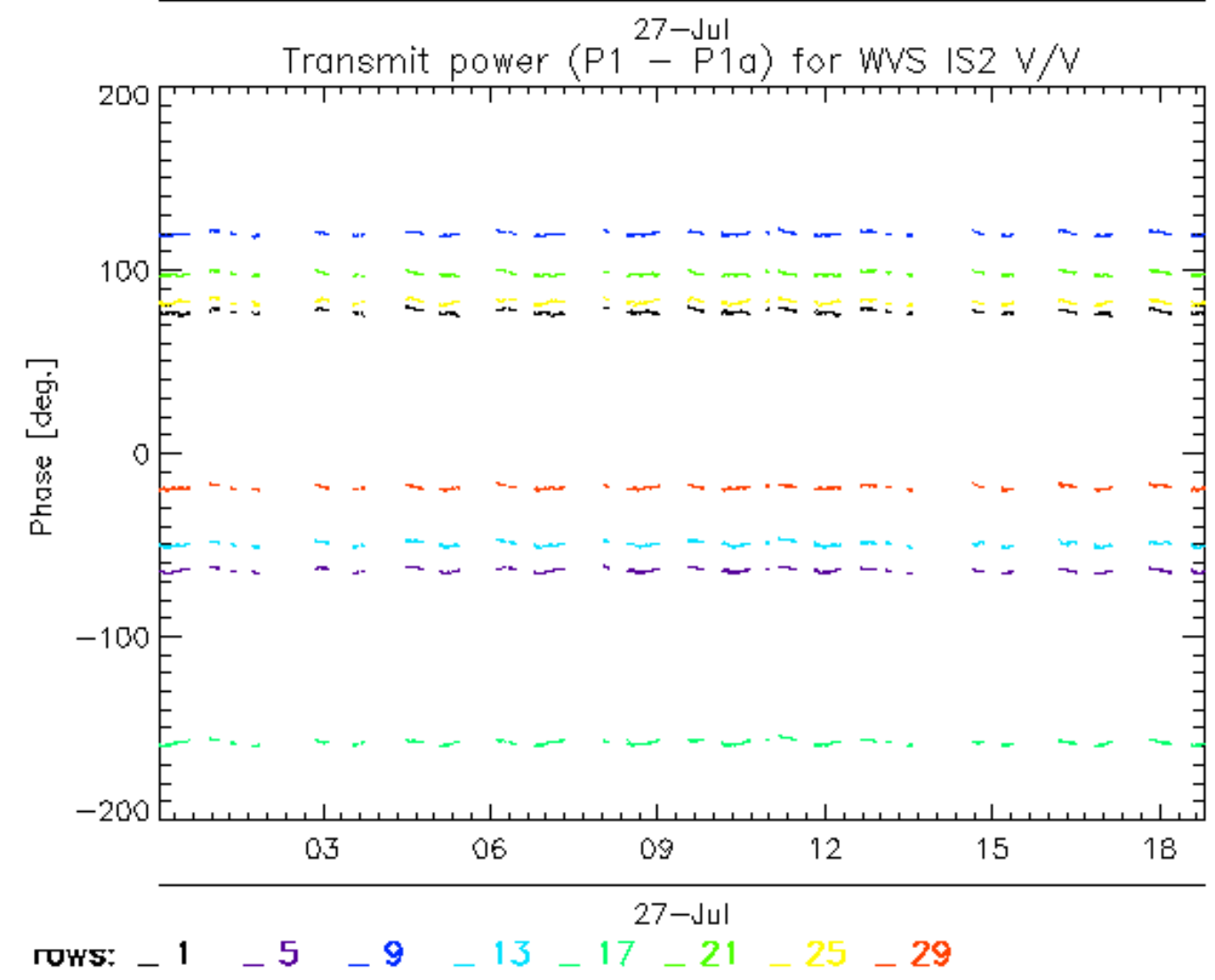
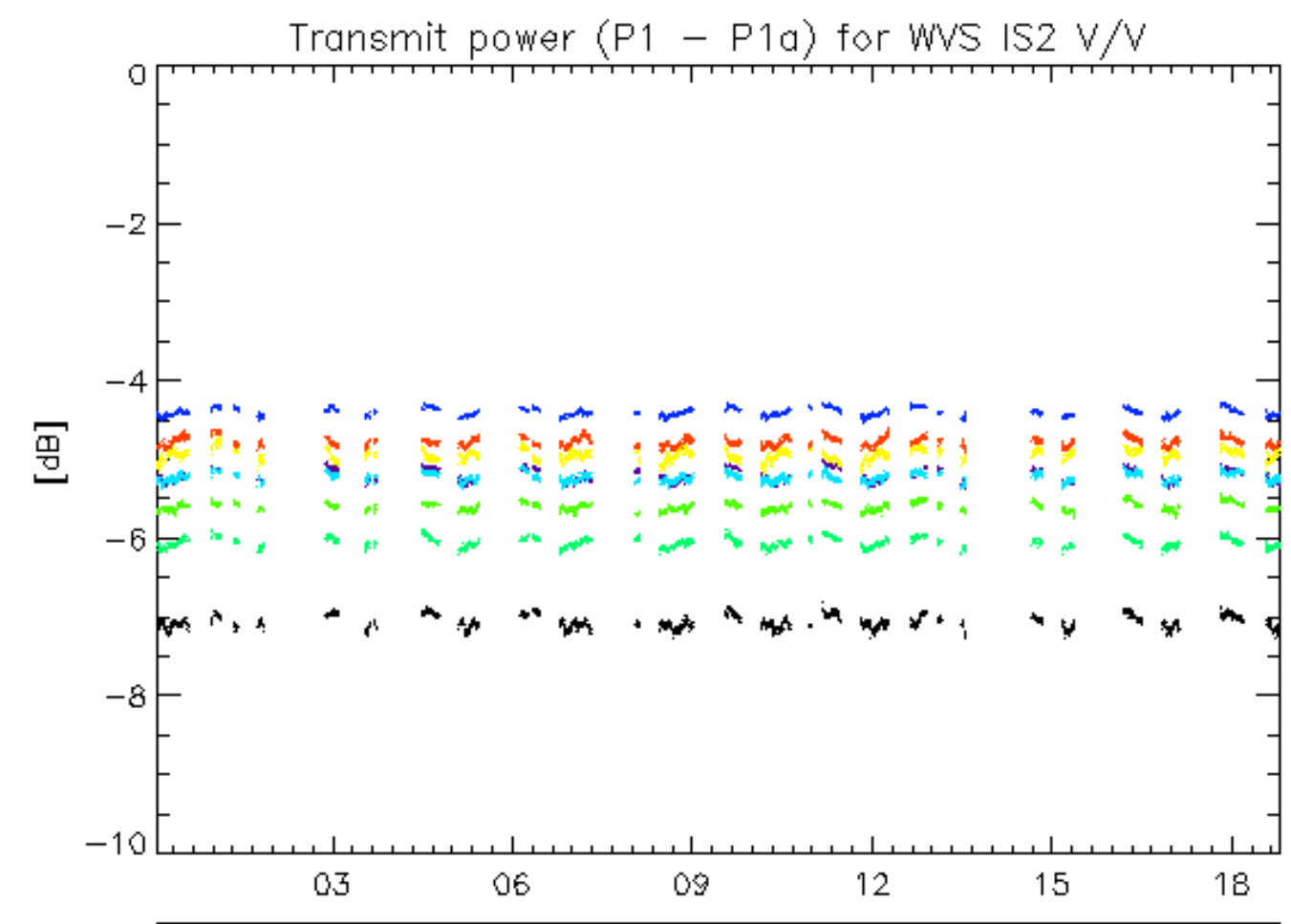


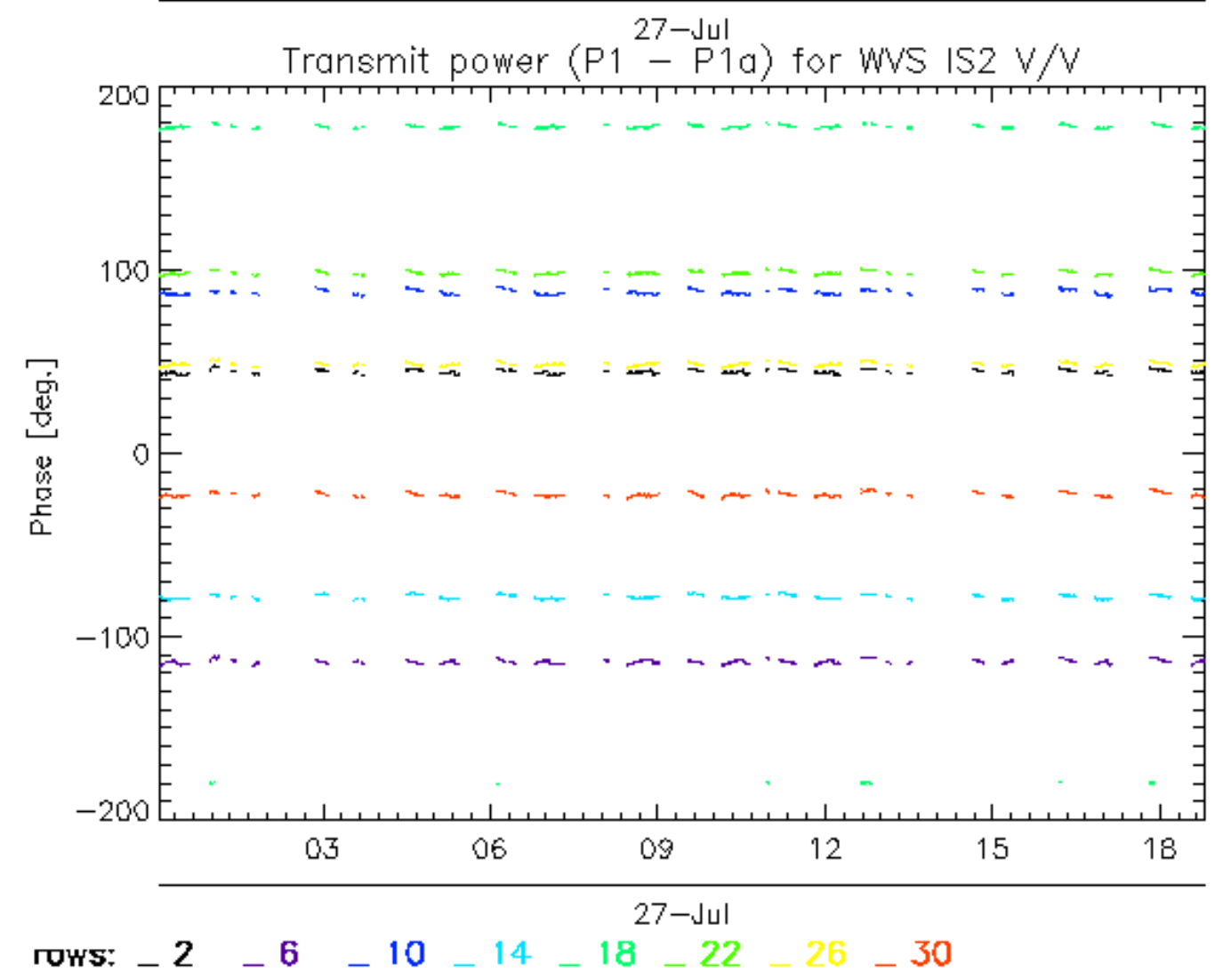
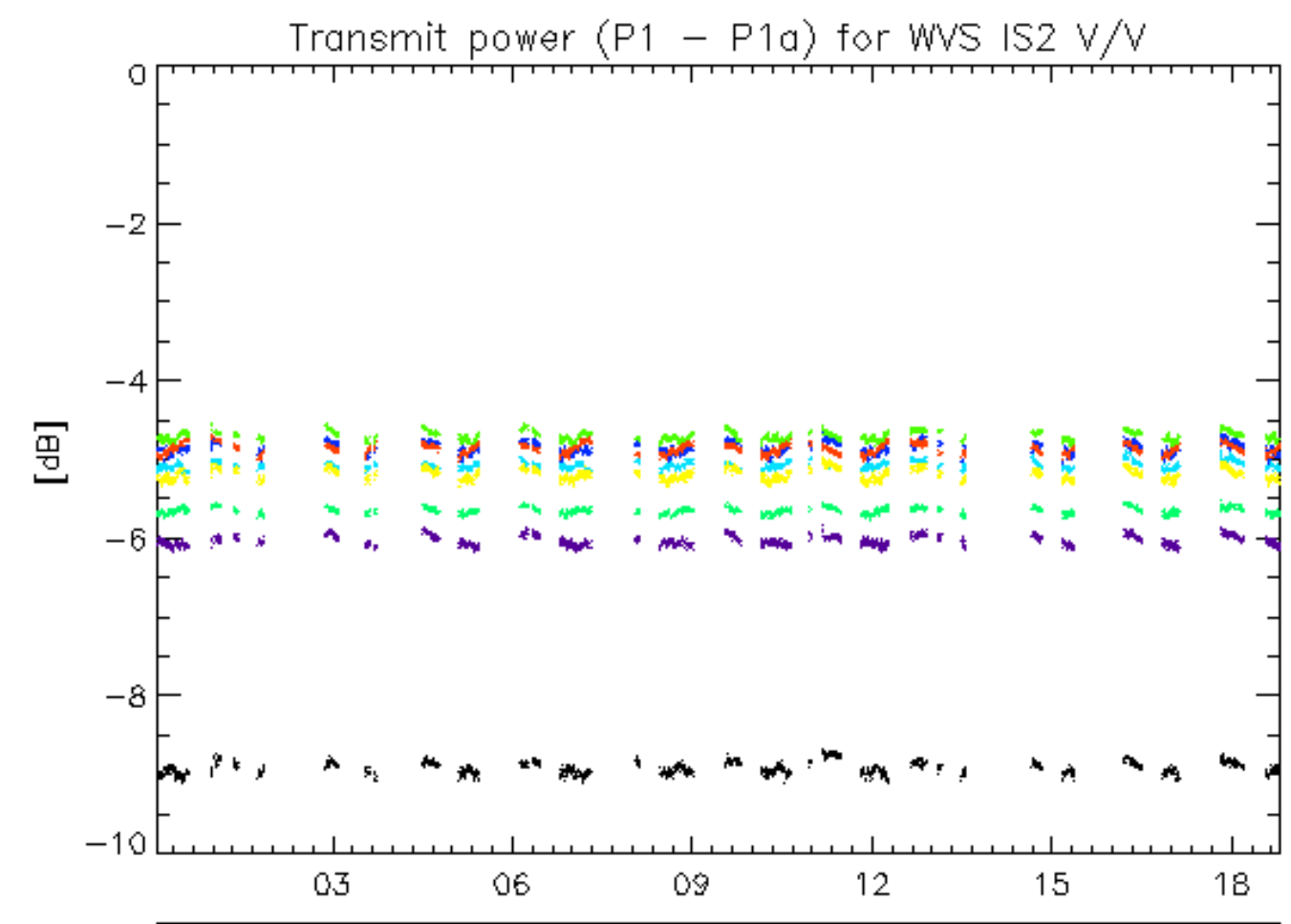


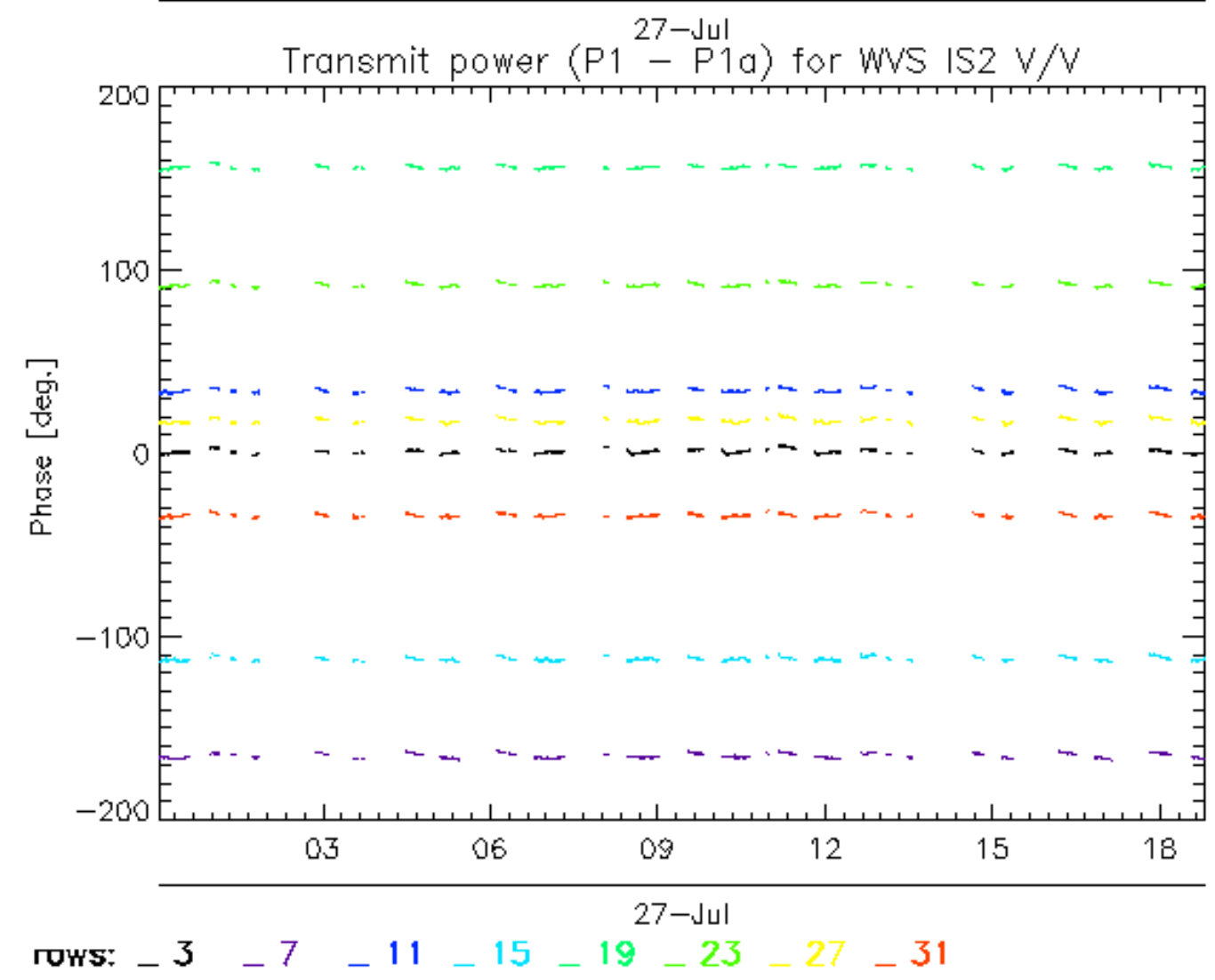
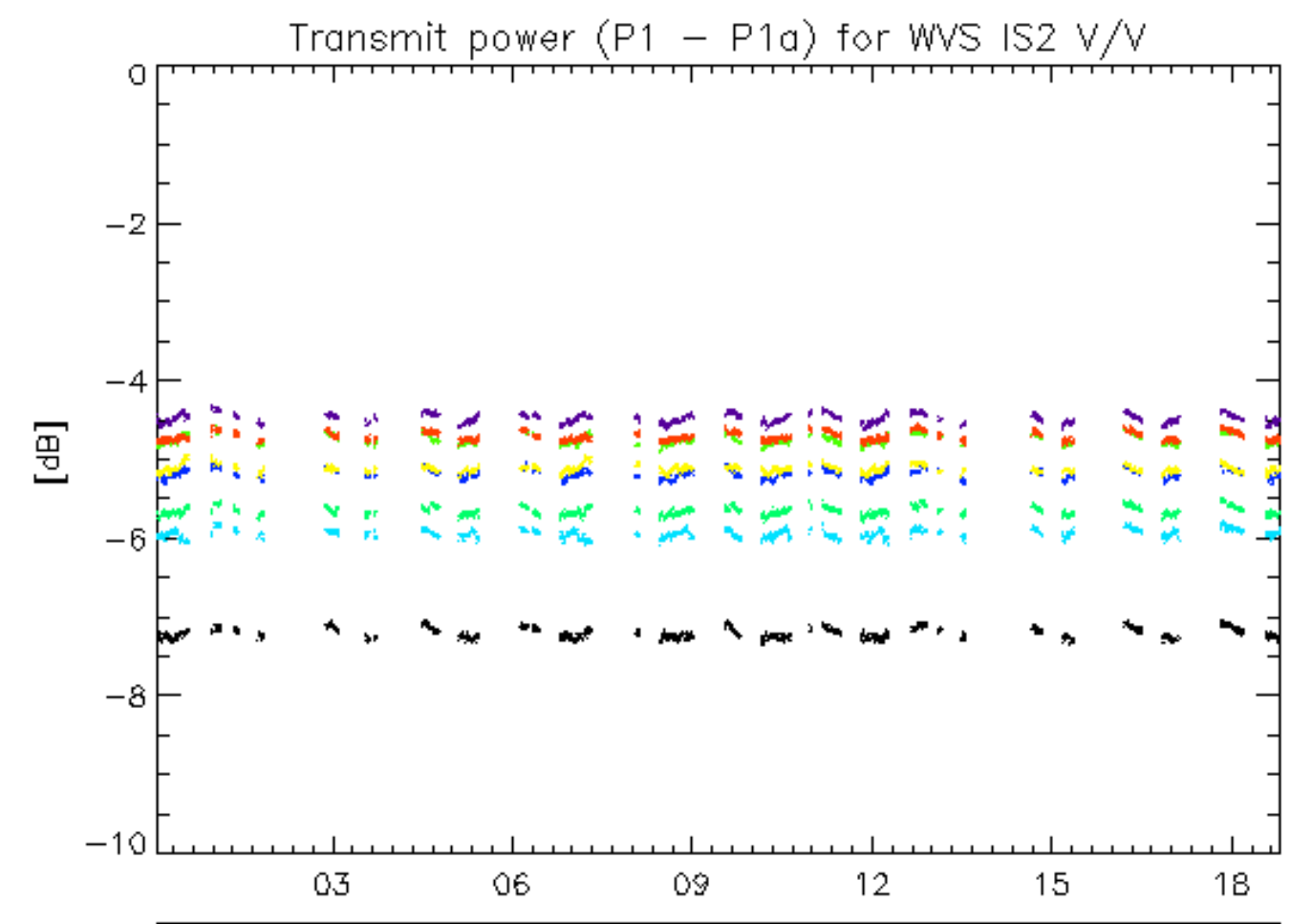


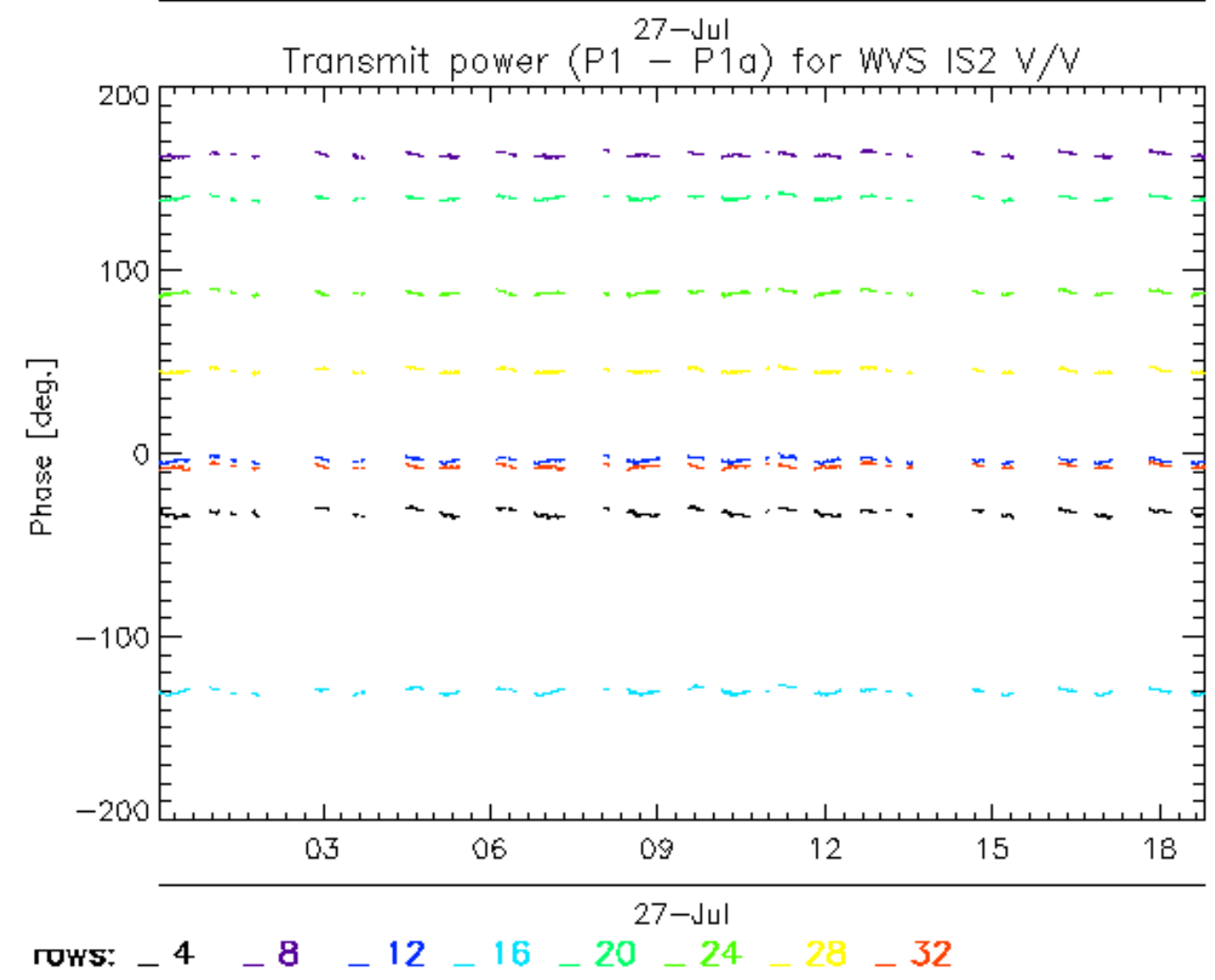
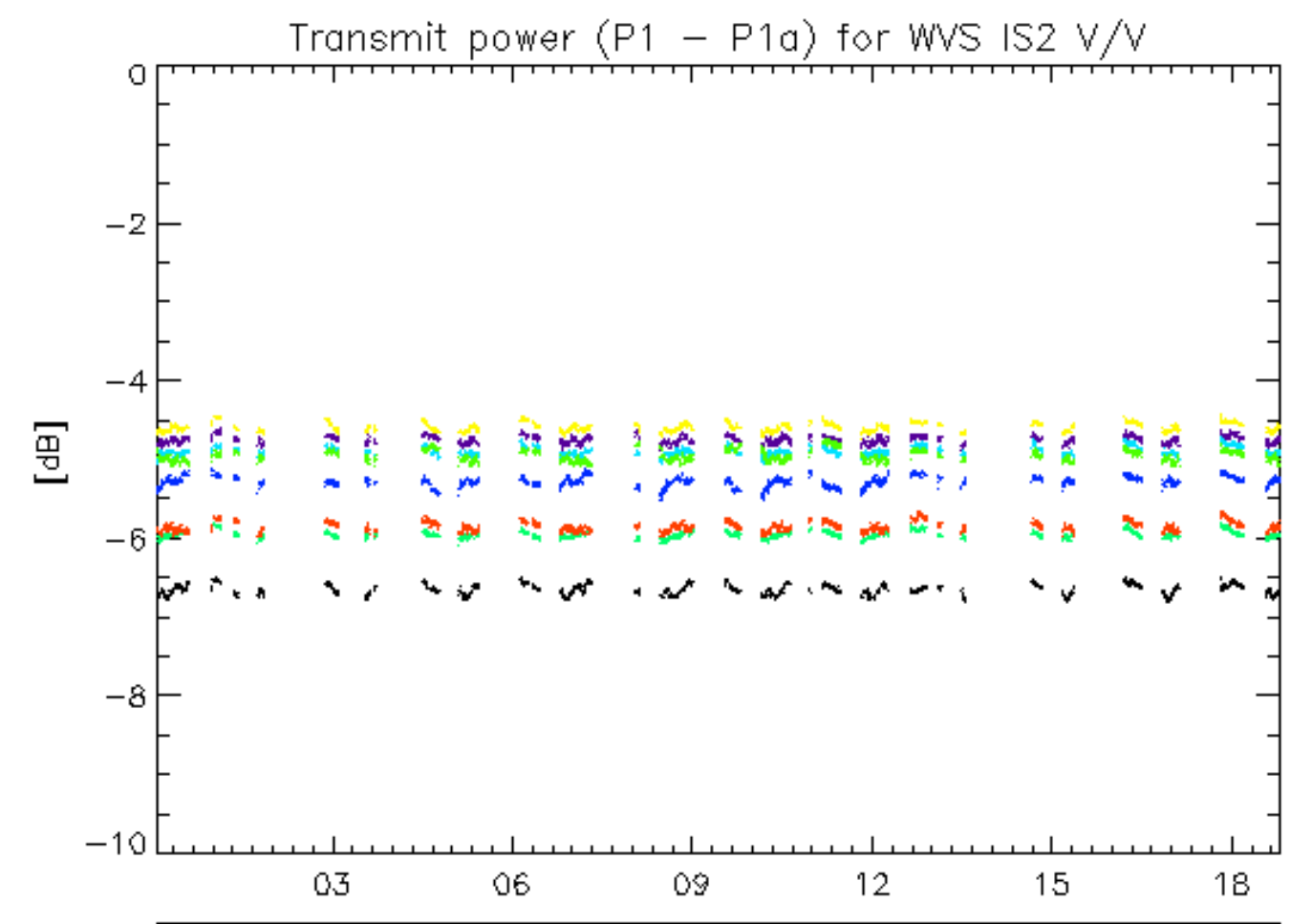


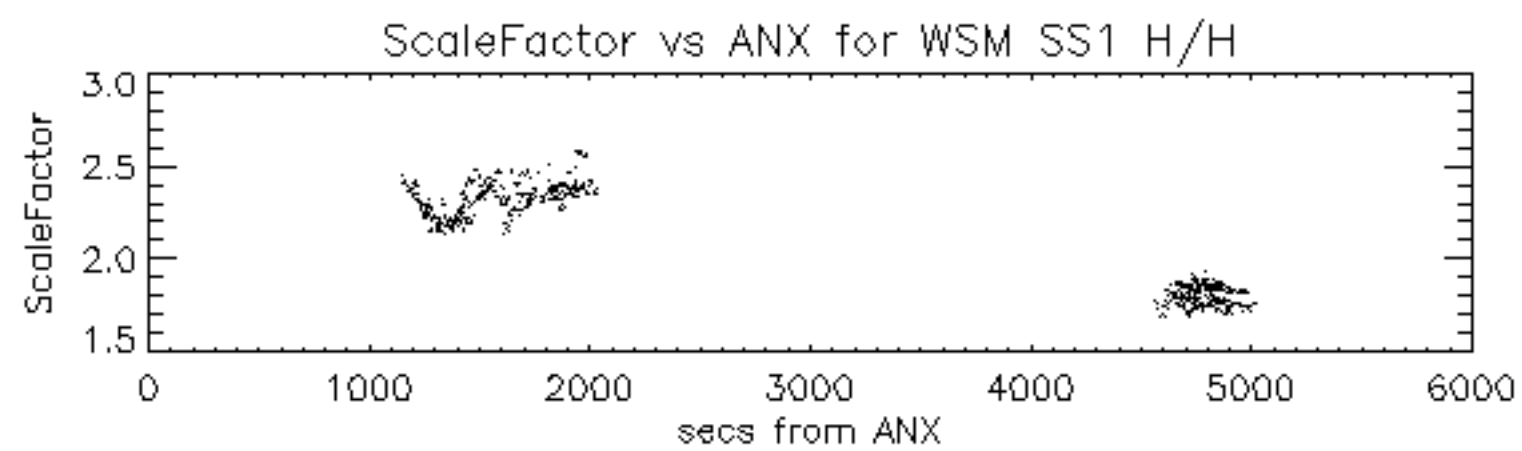


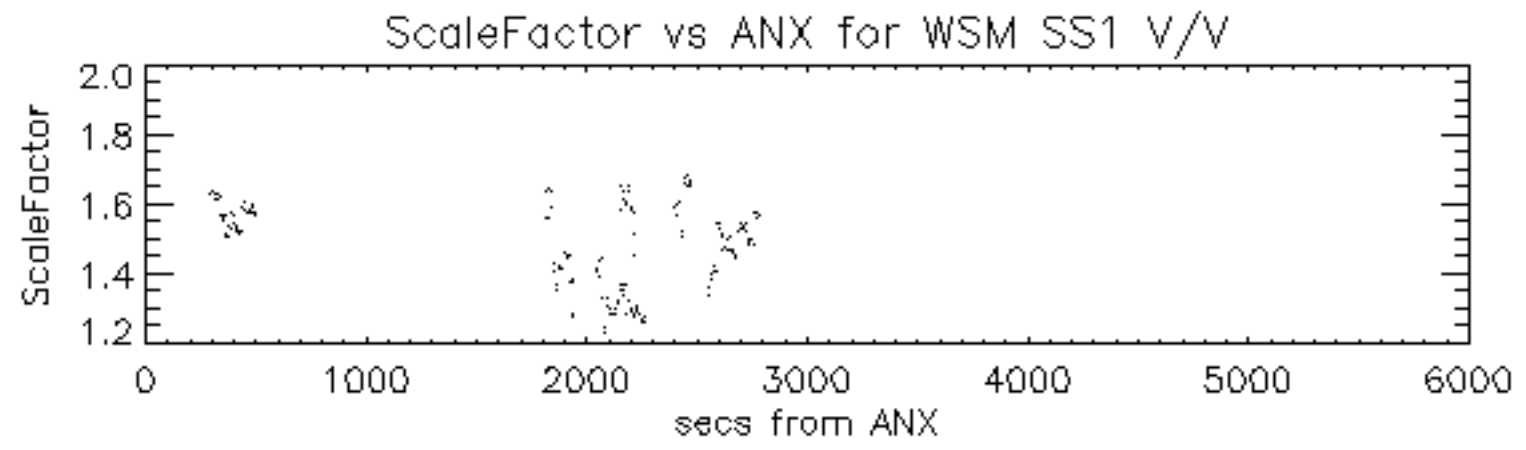


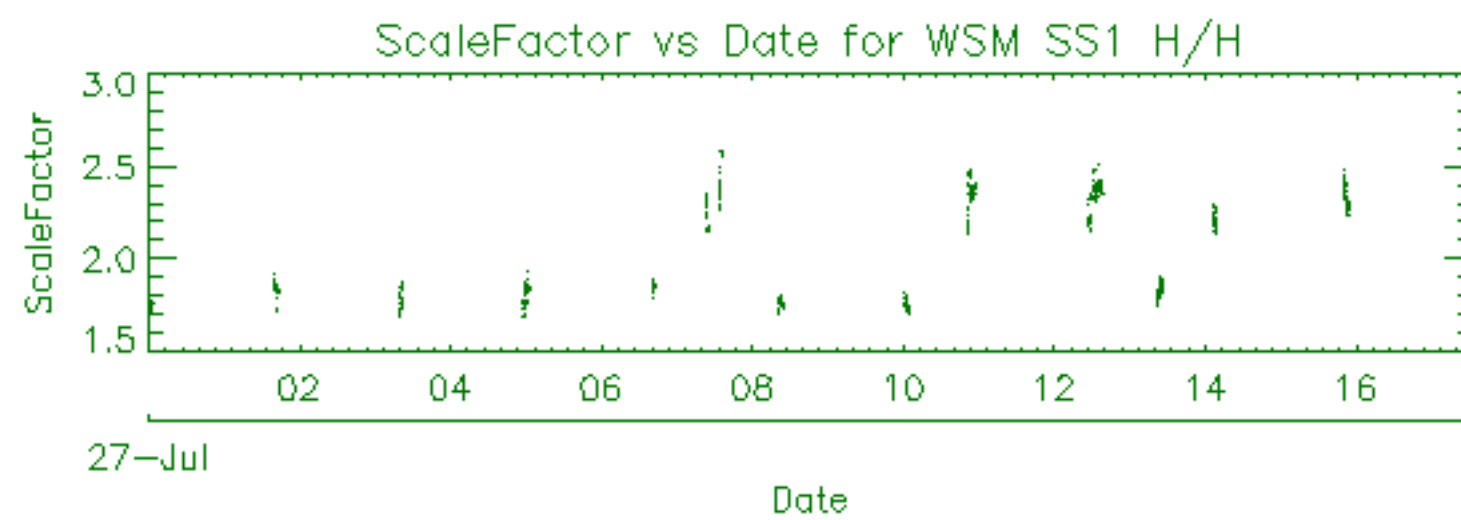


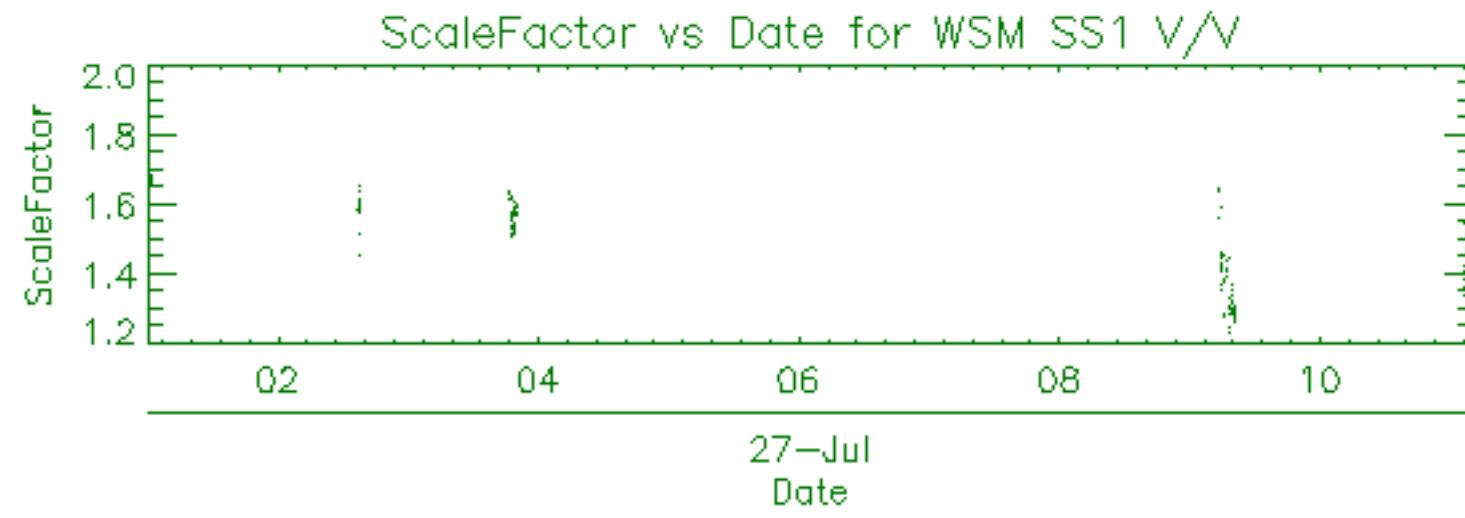












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20100727_042312_000000432091_00305_43946_9427.N1						IS6	H/H	91	43946	305	5.03
ASA_APM_1PNPDE20100727_052749_000001702091_00306_43947_9453.N1						IS4	V/V	91	43947	306	5.03
ASA_APM_1PNPDE20100727_075128_000003152091_00307_43948_9492.N1						IS4	V/H	91	43948	307	5.03
ASA_APM_1PNPDK20100727_084911_000000422091_00308_43949_9160.N1						IS3	H/H	91	43949	308	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20100727_003648_000010812091_00303_43944_9384.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_005544_000001202091_00303_43944_9387.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_010939_000006282091_00303_43944_9389.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_012607_000001382091_00303_43944_9390.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_014345_000000782091_00303_43944_9397.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_015201_000007552091_00303_43944_9407.N1						SS1	H/H	91	43944	303	5.03
ASA_GM1_1PNPDE20100727_020712_000007732091_00304_43945_9408.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_022222_000008582091_00304_43945_9410.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_024010_000000962091_00304_43945_9409.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_024725_000000722091_00304_43945_9412.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_024942_000001812091_00304_43945_9415.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_030718_000007132091_00304_43945_9439.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_032215_000002232091_00304_43945_9438.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_032701_000003202091_00304_43945_9437.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_033735_000002232091_00304_43945_9436.N1						SS1	H/H	91	43945	304	5.03
ASA_GM1_1PNPDE20100727_035049_000011602091_00305_43946_9433.N1						SS1	H/H	91	43946	305	5.03
ASA_GM1_1PNPDE20100727_041229_000003682091_00305_43946_9432.N1						SS1	H/H	91	43946	305	5.03
ASA_GM1_1PNPDE20100727_042416_000003202091_00305_43946_9430.N1						SS1	H/H	91	43946	305	5.03
ASA_GM1_1PNPDE20100727_044724_000006042091_00305_43946_9465.N1						SS1	H/H	91	43946	305	5.03
ASA_GM1_1PNPDE20100727_050253_000002112091_00305_43946_9464.N1						SS1	H/H	91	43946	305	5.03
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ASA_GM1_1PNPDK20100727_073132_000000662091_00307_43948_9136.N1						SS1	H/H	91	43948	307	5.03
ASA_GM1_1PNPDK20100727_073612_000001082091_00307_43948_9137.N1						SS1	H/H	91	43948	307	5.03
ASA_GM1_1PNPDK20100727_074639_000000722091_00307_43948_9138.N1						SS1	H/H	91	43948	307	5.03
ASA_GM1_1PNPDK20100727_075000_000000842091_00307_43948_9139.N1						SS1	H/H	91	43948	307	5.03
ASA_GM1_1PNPDK20100727_075704_000003382091_00307_43948_9141.N1						SS1	H/H	91	43948	307	5.03
ASA_GM1_1PNPDK20100727_080834_000000782091_00307_43948_9140.N1						SS1	H/H	91	43948	307	5.03
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ASA_GM1_1PNPDK20100727_112943_000001502091_00309_43950_9215.N1						SS1	H/H	91	43950	309	5.03
ASA_GM1_1PNPDK20100727_113724_000006832091_00309_43950_9217.N1						SS1	H/H	91	43950	309	5.03
ASA_GM1_1PNPDK20100727_121747_000005252091_00310_43951_9218.N1						SS1	H/H	91	43951	310	5.03
ASA_GM1_1PNPDK20100727_125458_000005492091_00310_43951_9243.N1						SS1	H/H	91	43951	310	5.03
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ASA_GM1_1PNPDK20100727_131005_000006282091_00310_43951_9246.N1						SS1	H/H	91	43951	310	5.03
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ASA_GM1_1PNPDK20100727_133447_000003922091_00310_43951_9250.N1						SS1	H/H	91	43951	310	5.03
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ASA_GM1_1PNPDK20100727_135221_000001692091_00311_43952_9251.N1						SS1	H/H	91	43952	311	5.03
ASA_GM1_1PNPDK20100727_135626_000005612091_00311_43952_9252.N1						SS1	H/H	91	43952	311	5.03
ASA_GM1_1PNPDK20100727_135626_000005612091_00311_43952_9253.N1						SS1	H/H	91	43952	311	5.03
ASA_GM1_1PNPDK20100727_140931_000000842091_00311_43952_9260.N1						SS1	H/H	91	43952	311	5.03
ASA_GM1_1PNPDK20100727_141017_000006712091_00311_43952_9294.N1						SS1	H/H	91	43952	311	5.03
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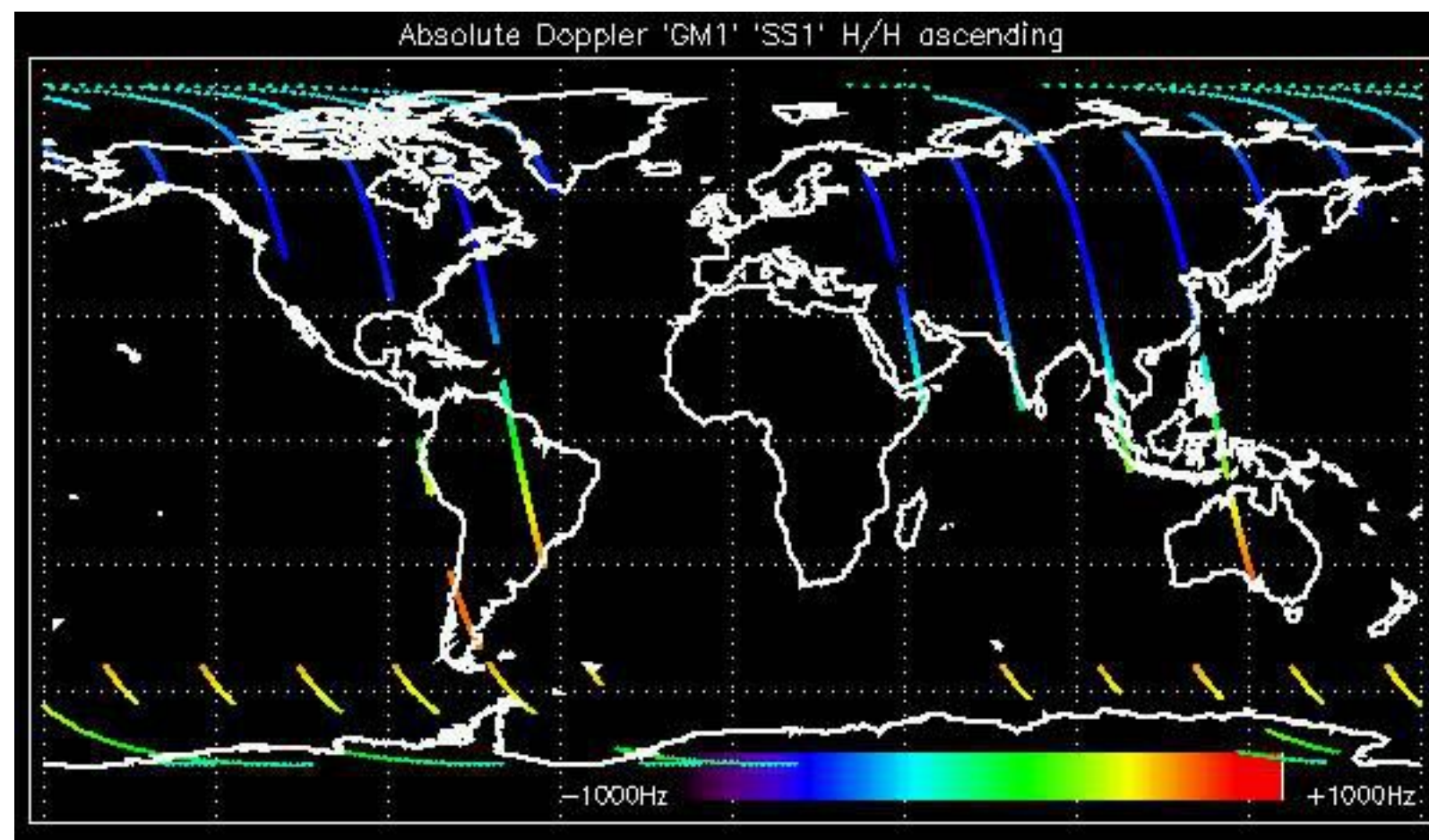
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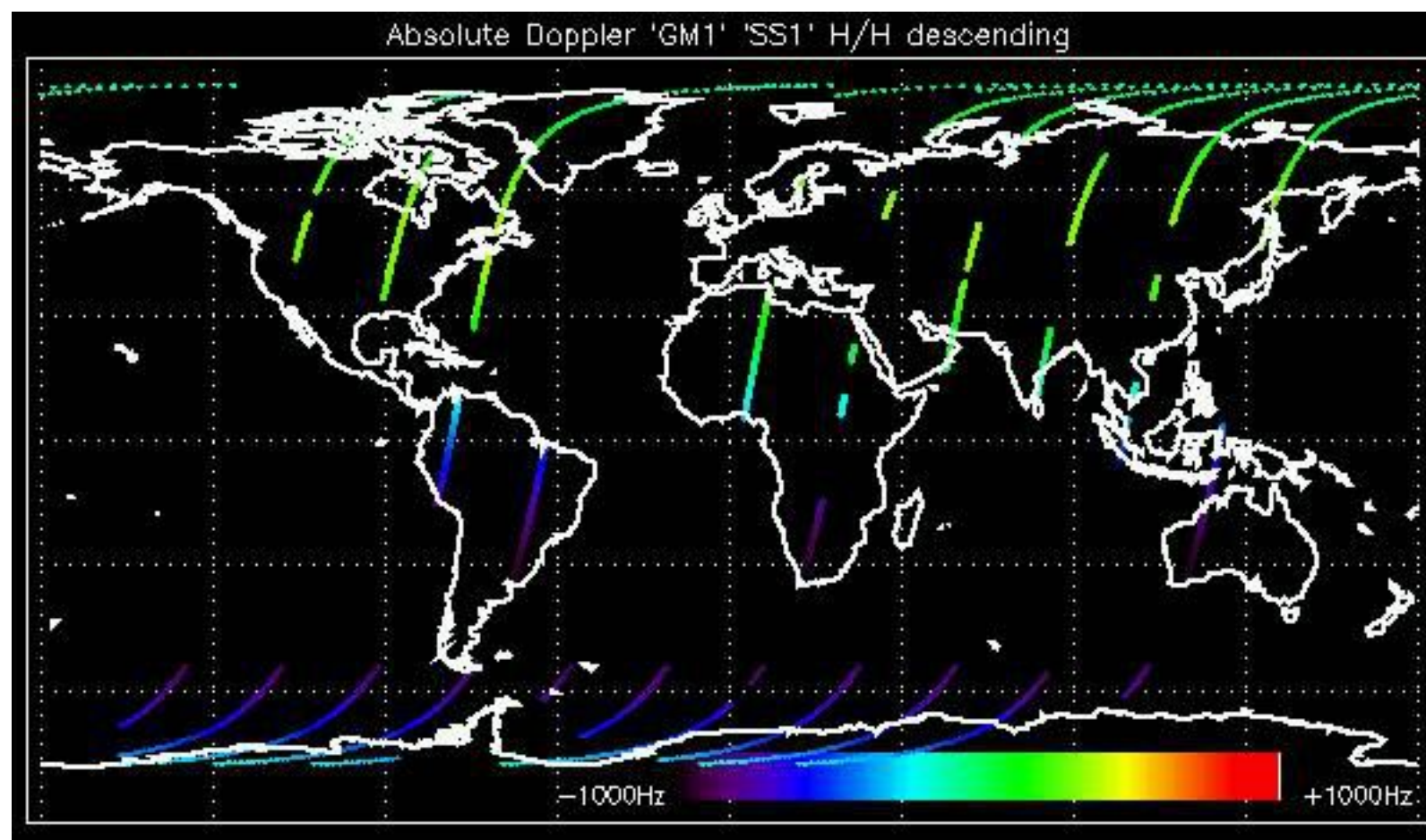
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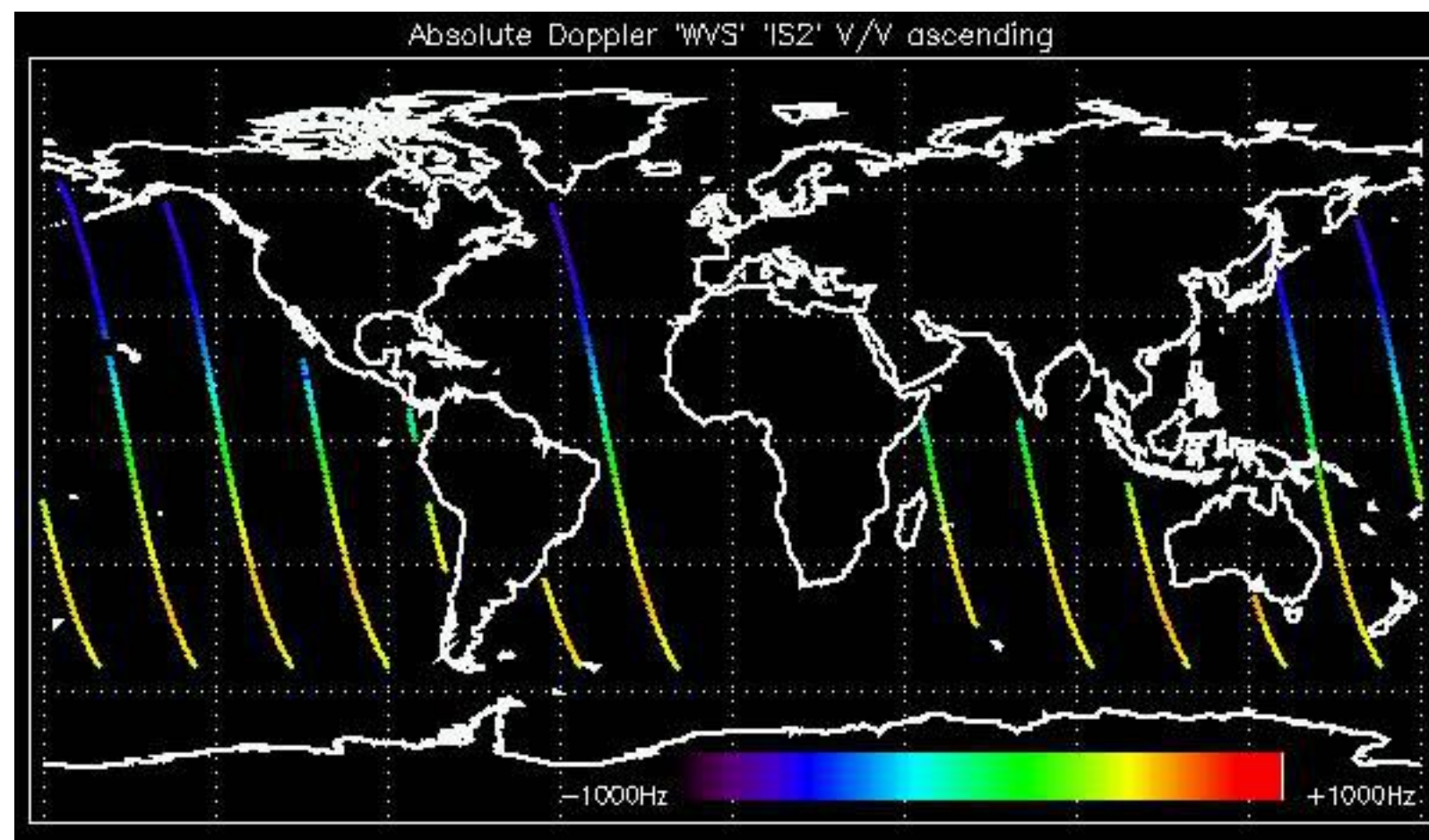


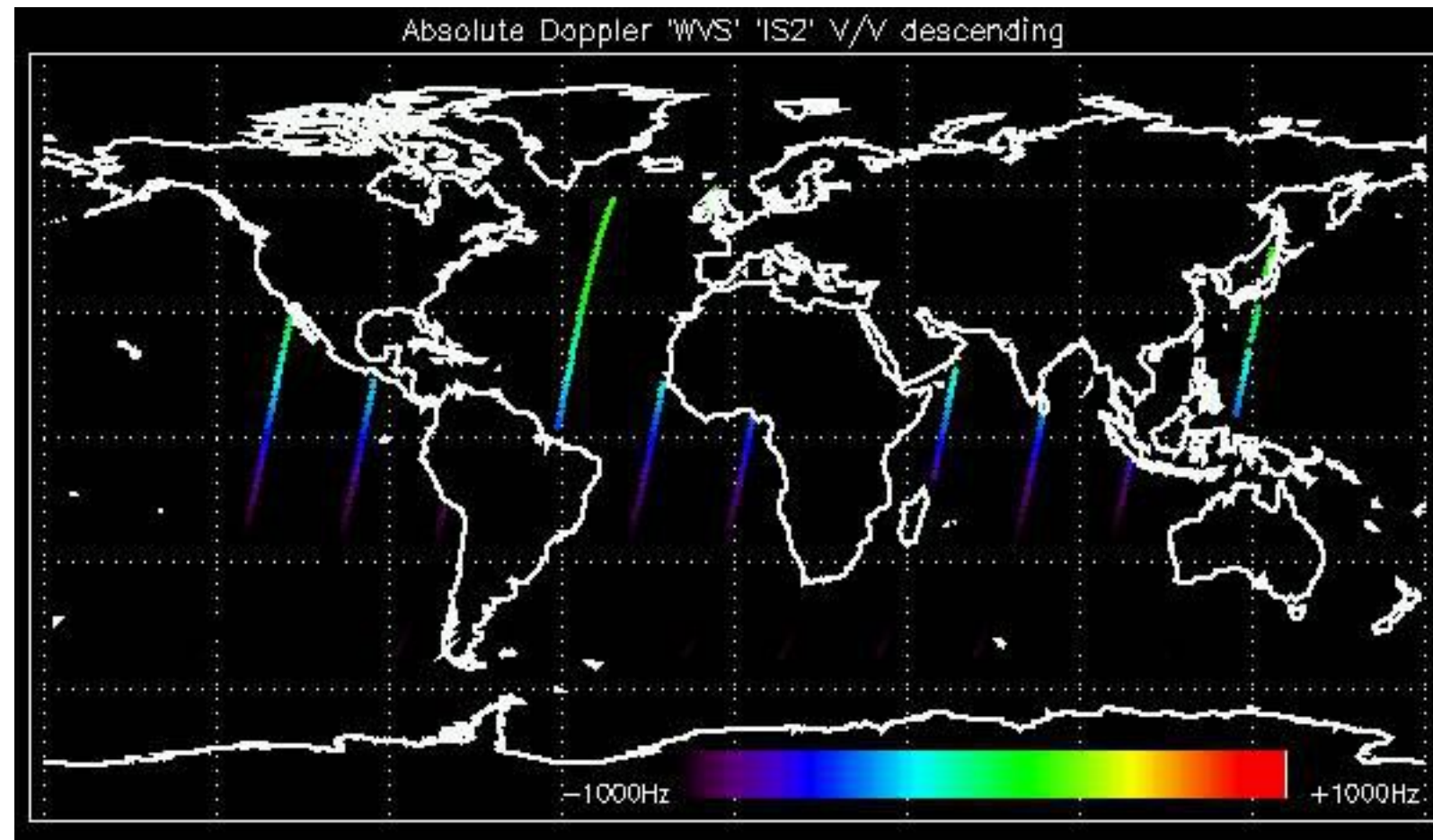
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ASA_WSM_1PNPDK20100727_123439_000002452091_00310_43951_9228.N1						SS1	H/H	91	43951	310	5.03
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ASA_WSM_1PNPDK20100727_154917_000003302091_00312_43953_9311.N1						SS1	H/H	91	43953	312	5.03
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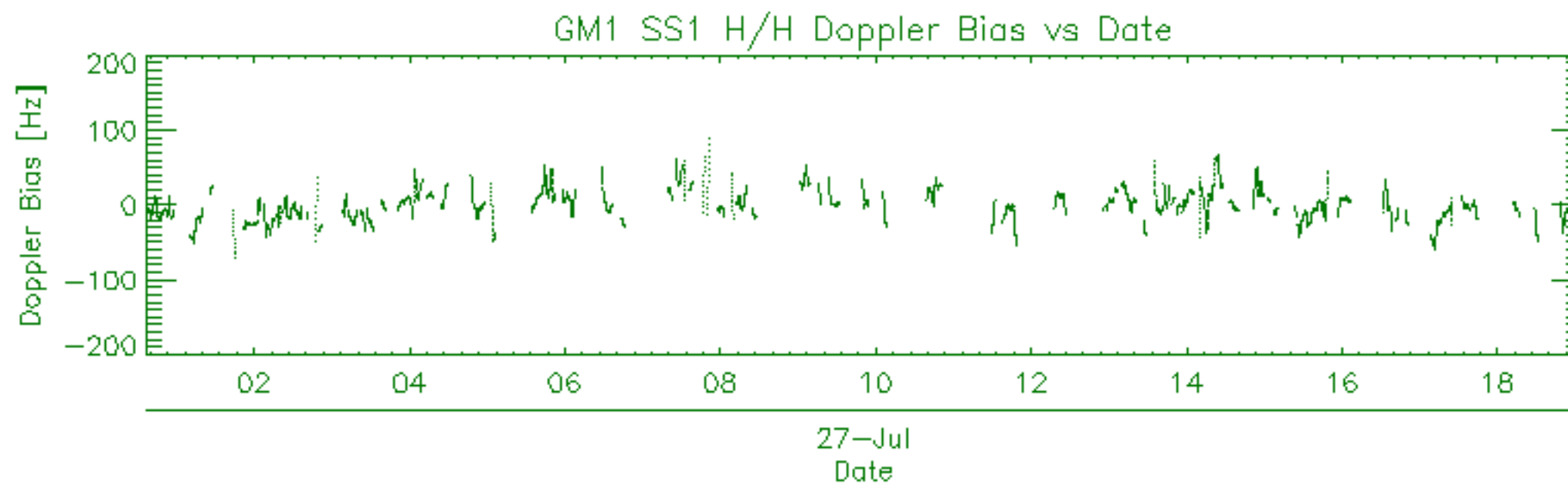
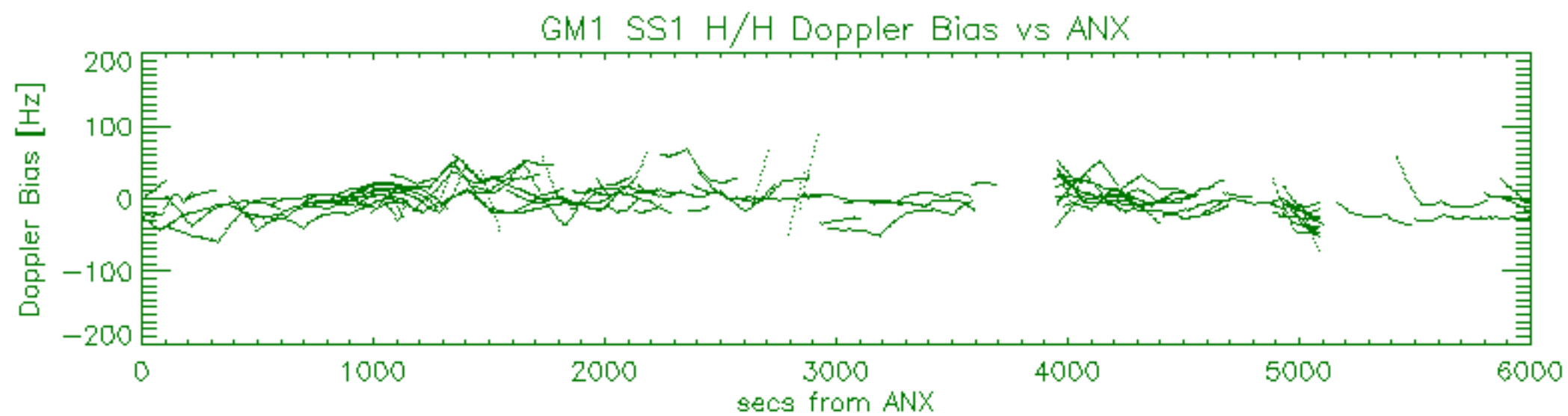
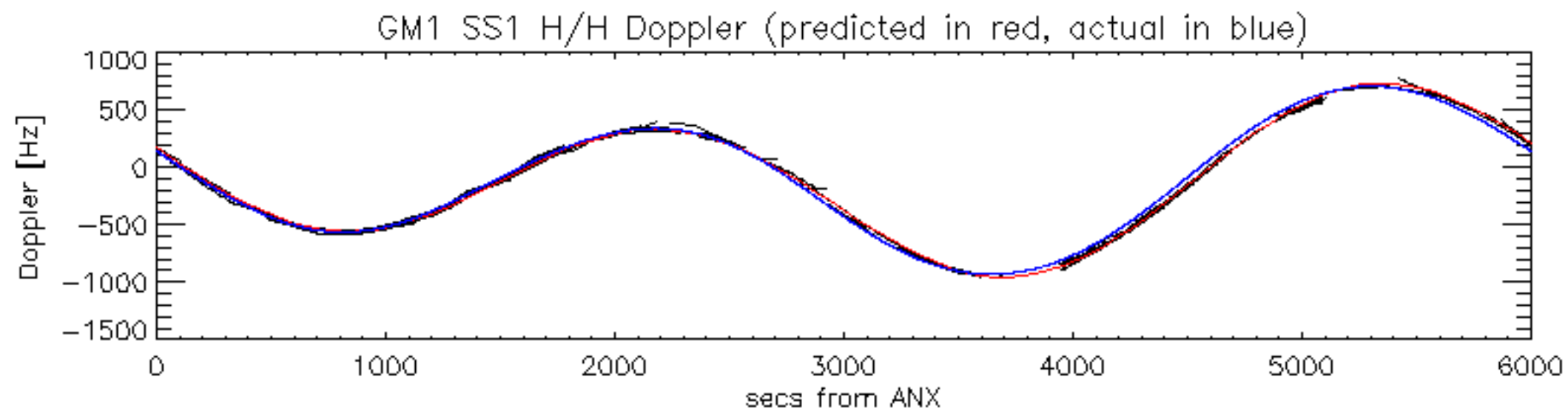
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ASA_WVS_1PNPDK20100727_174814_000013942091_00313_43954_9362.N1						IS2	V/V	91	43954	313	5.03
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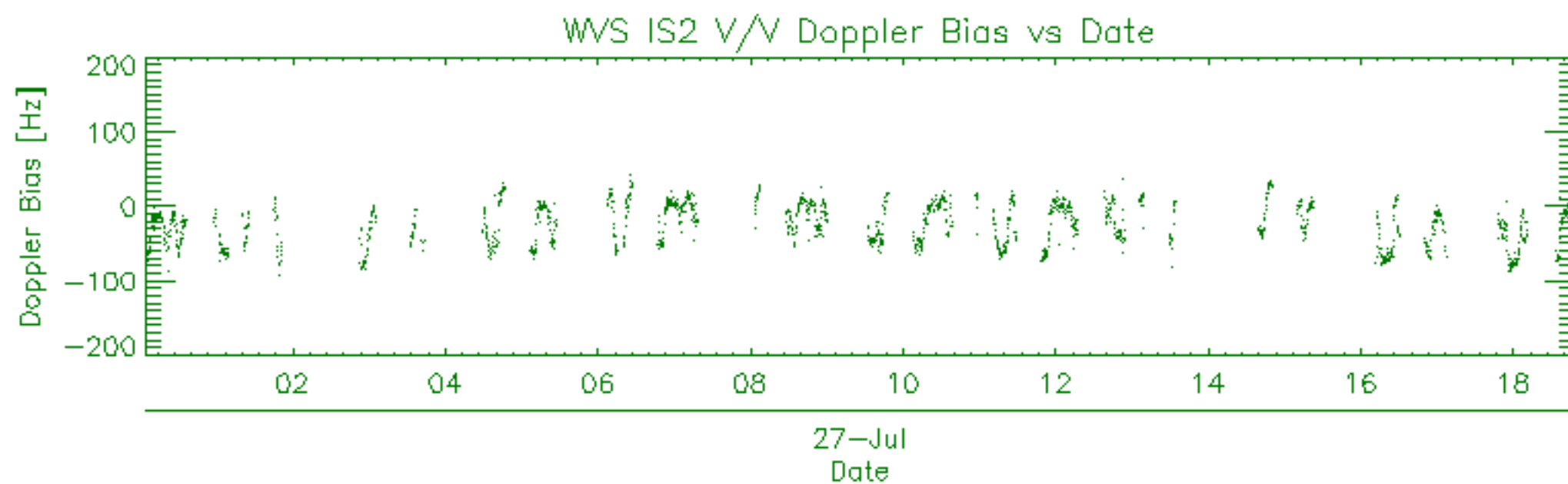
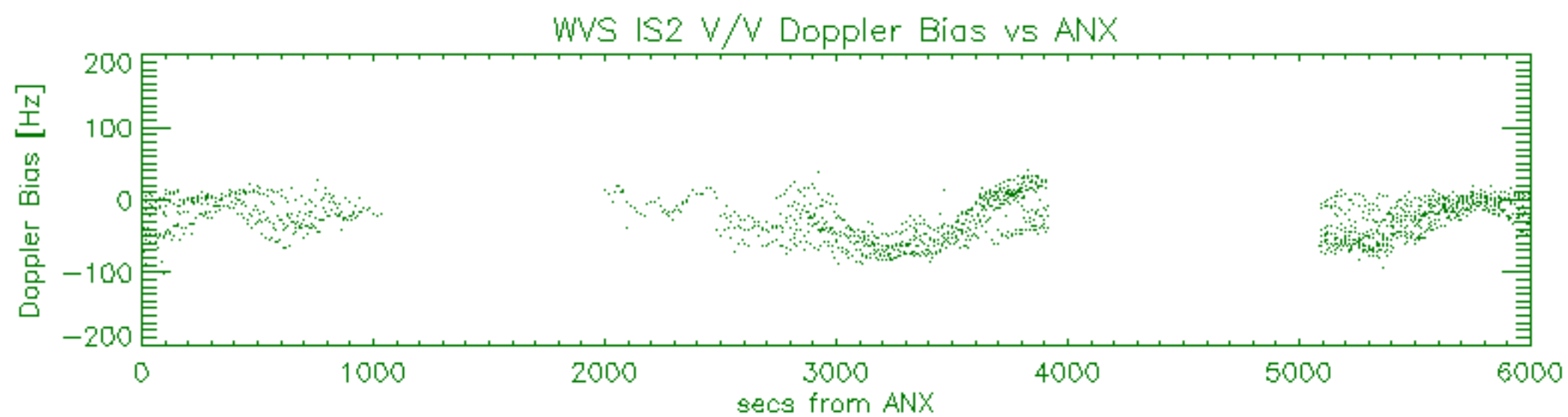
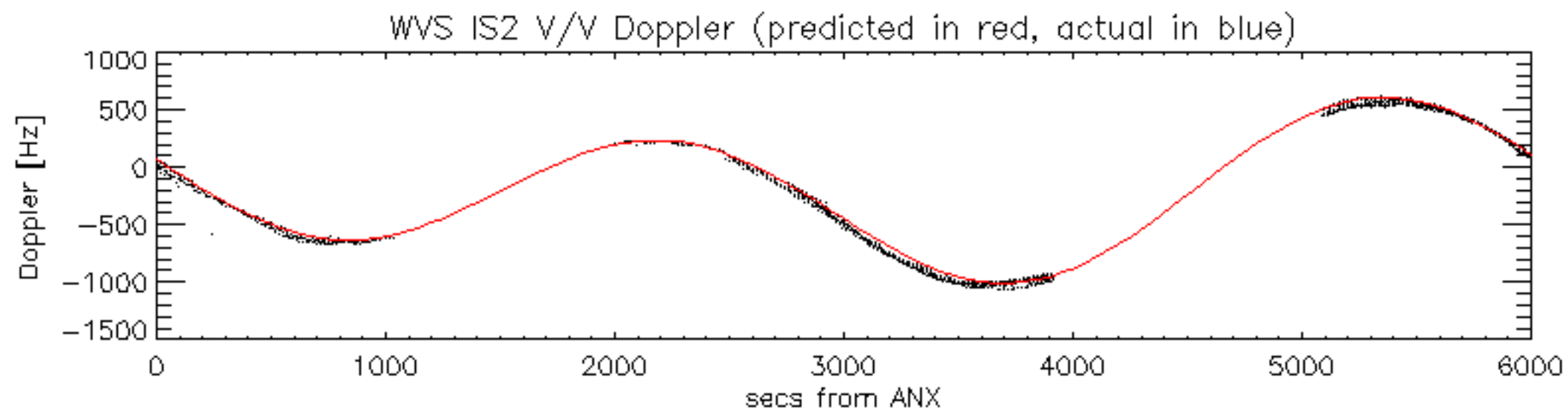


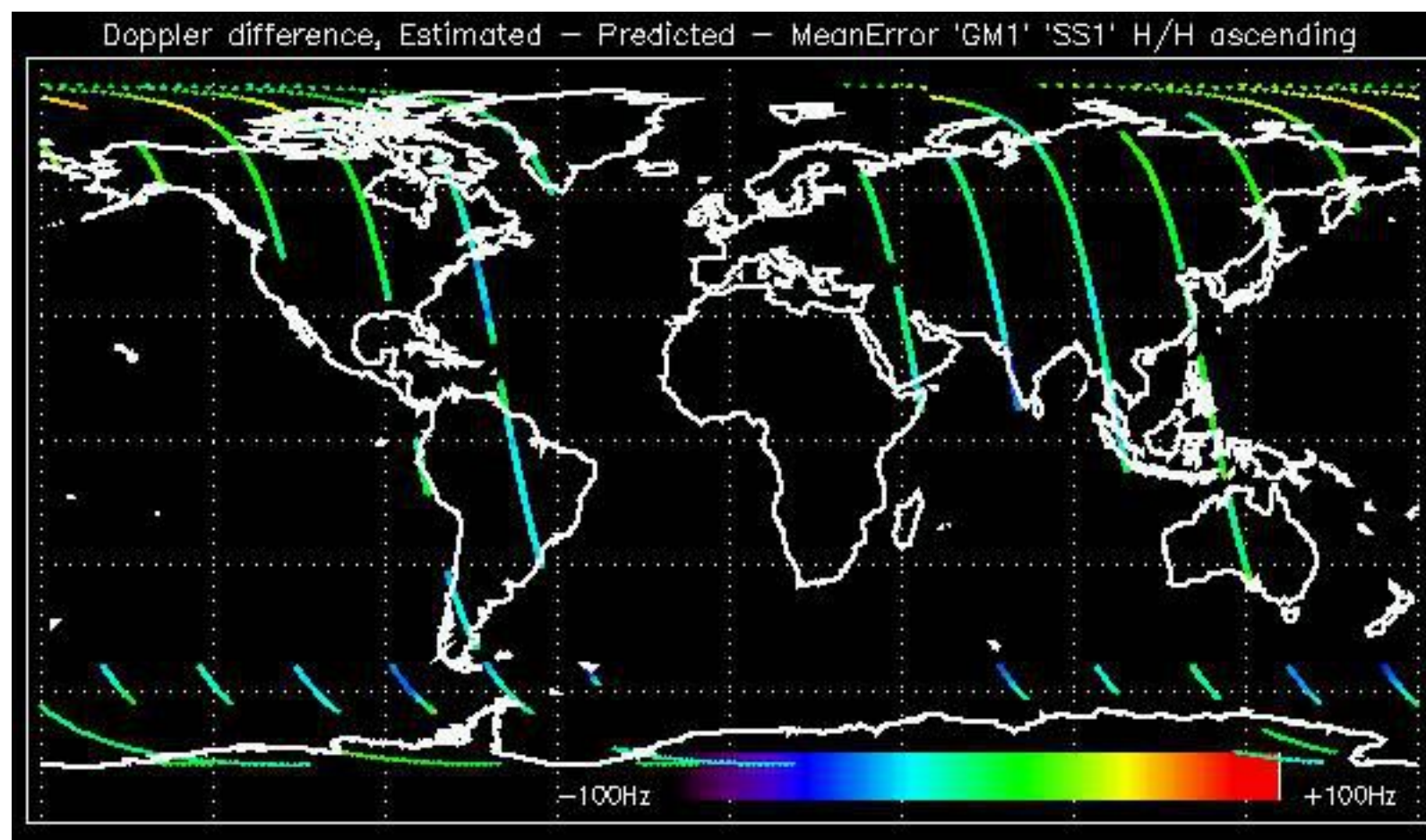


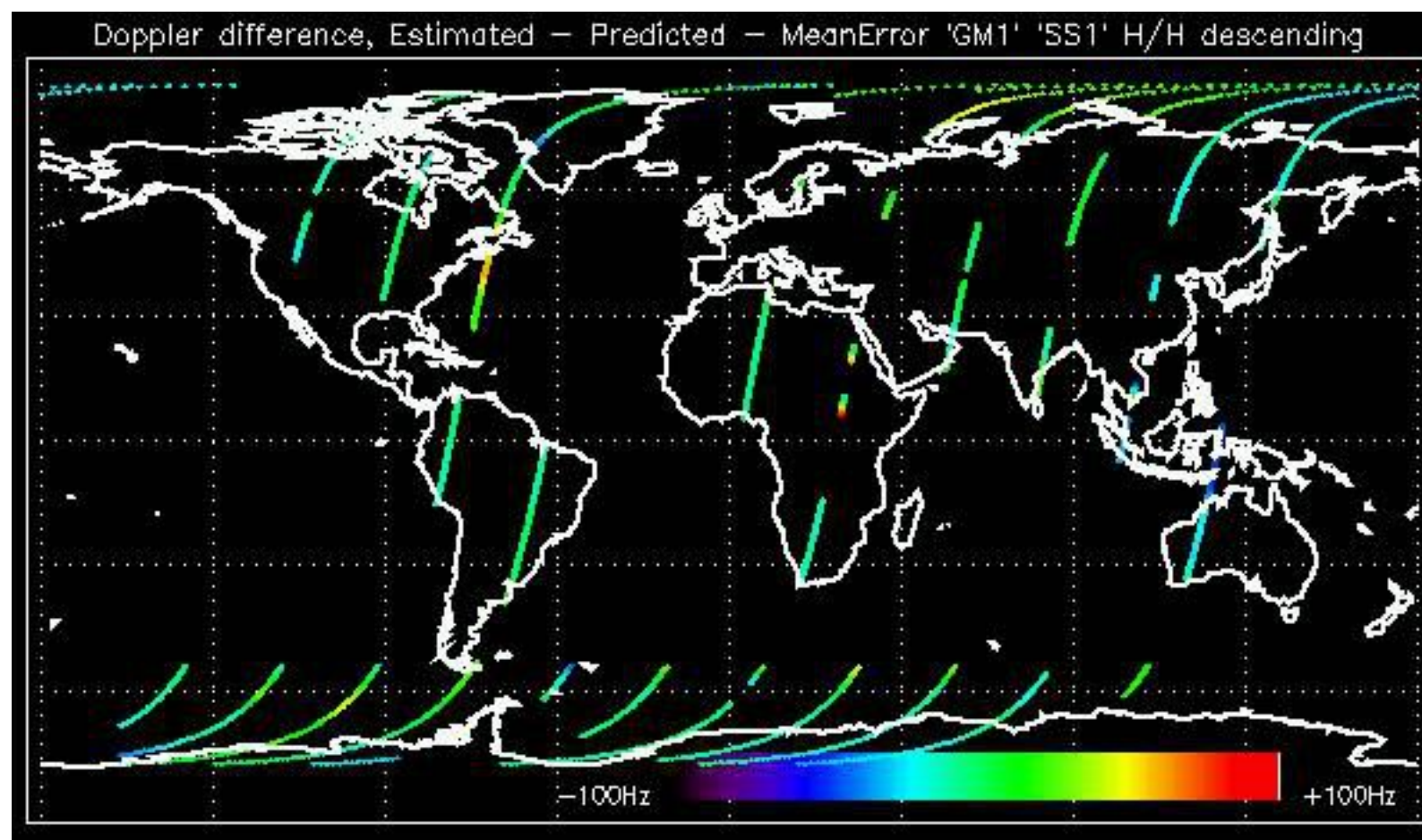


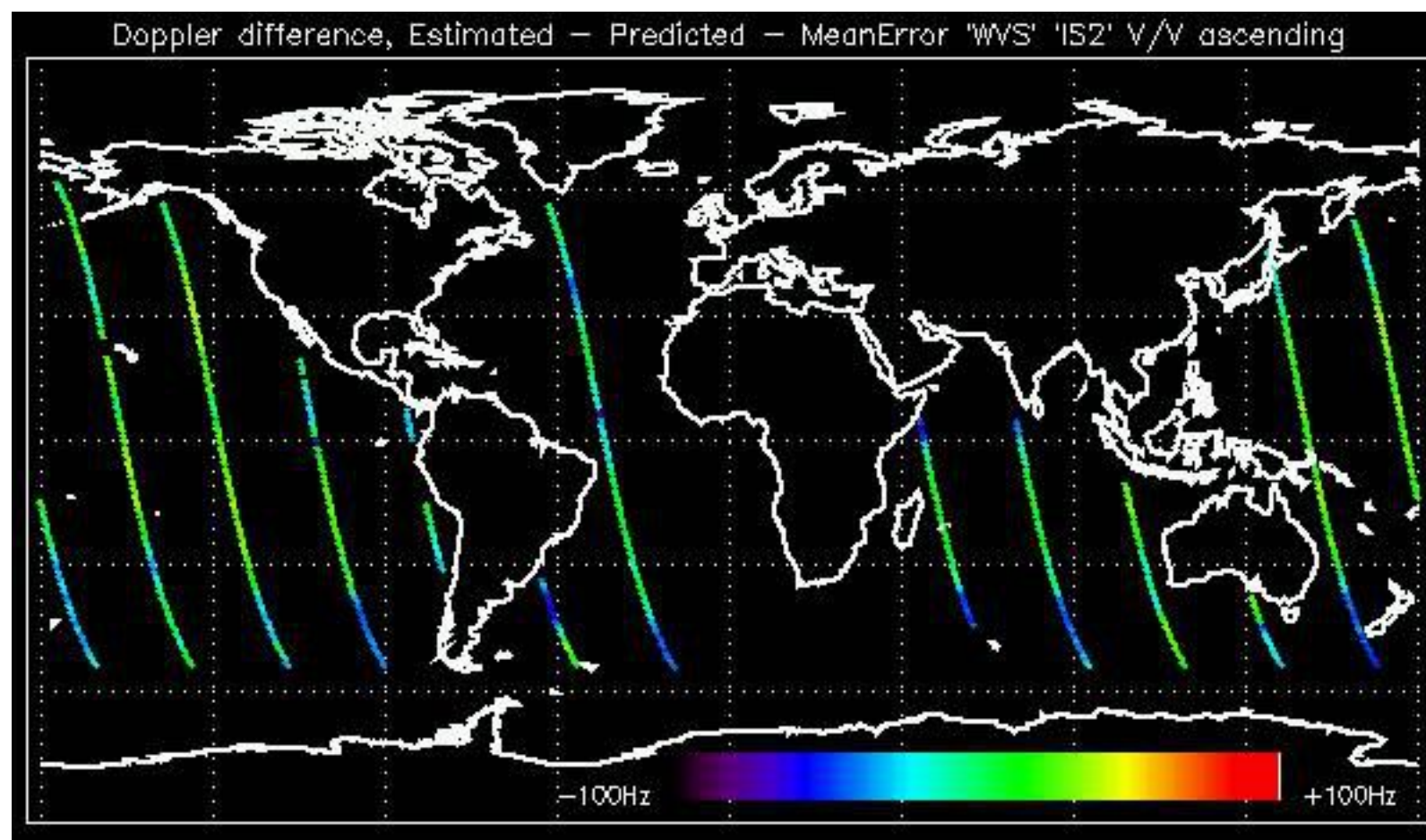


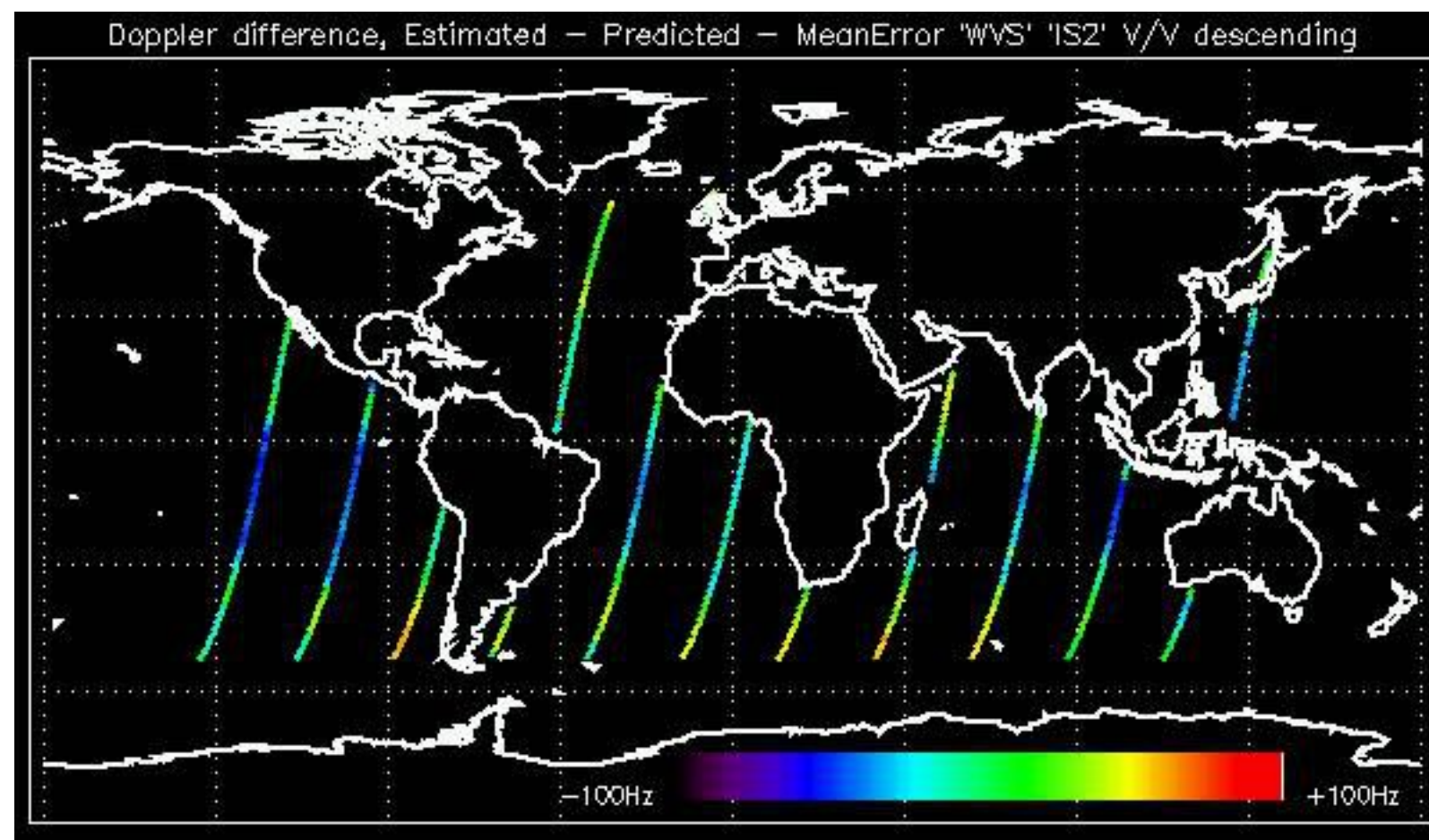


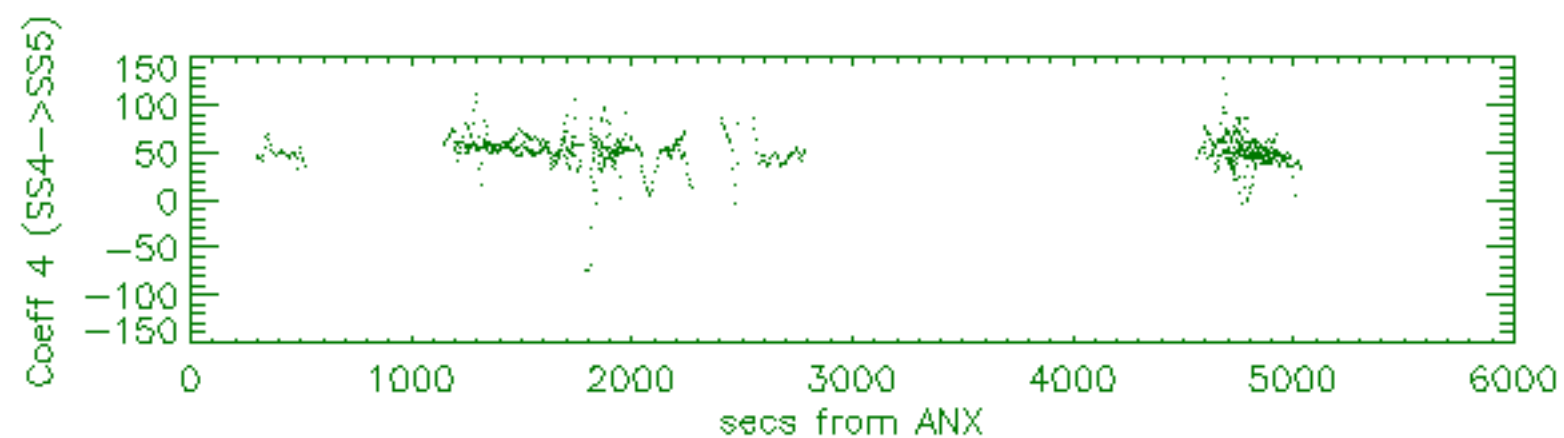
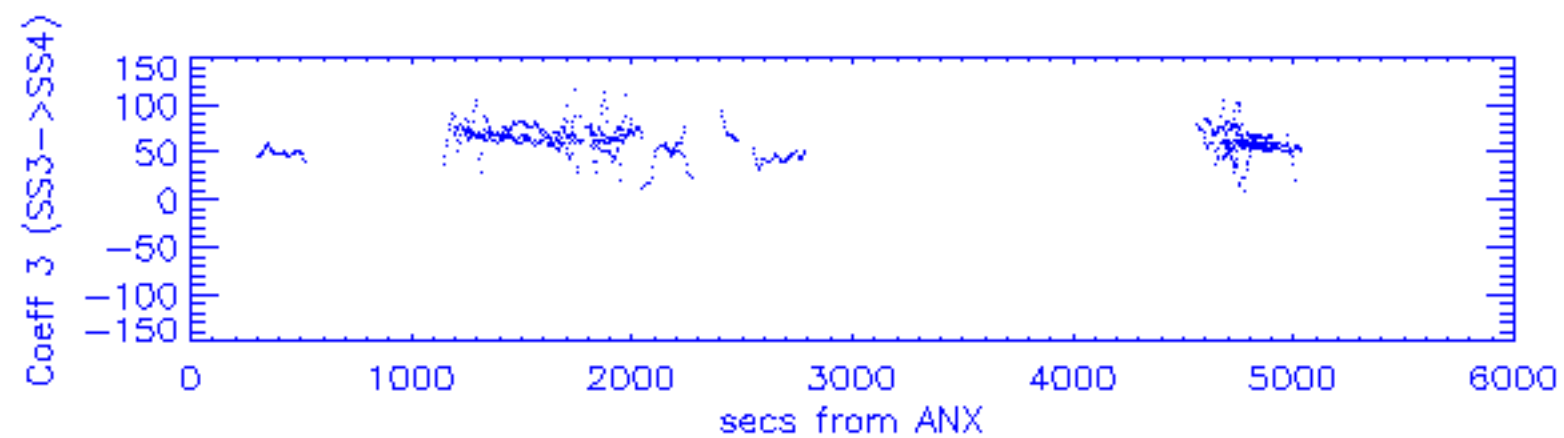
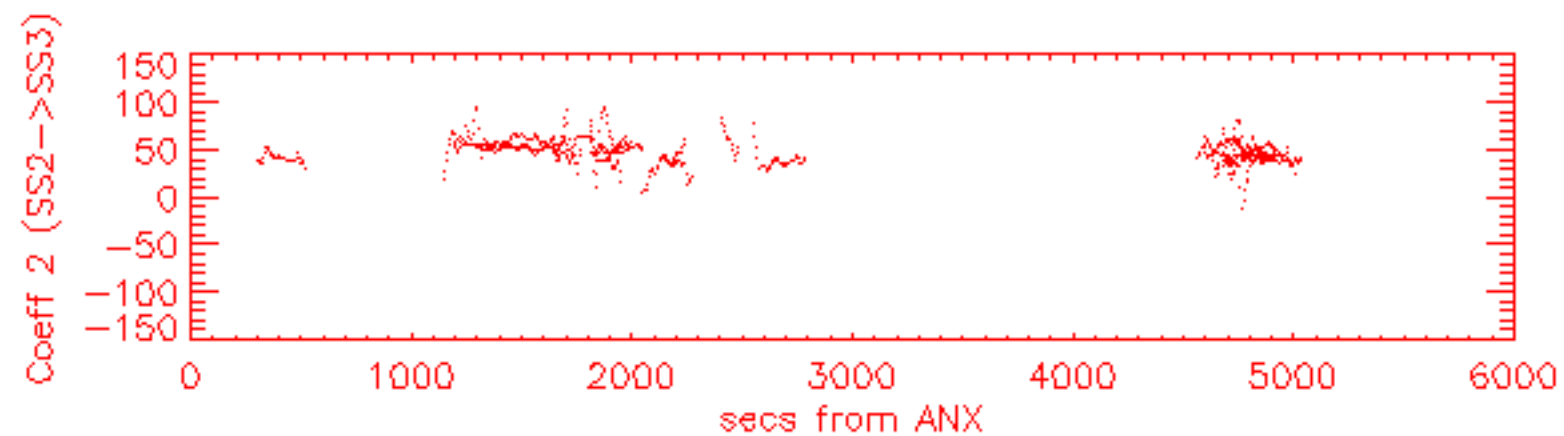
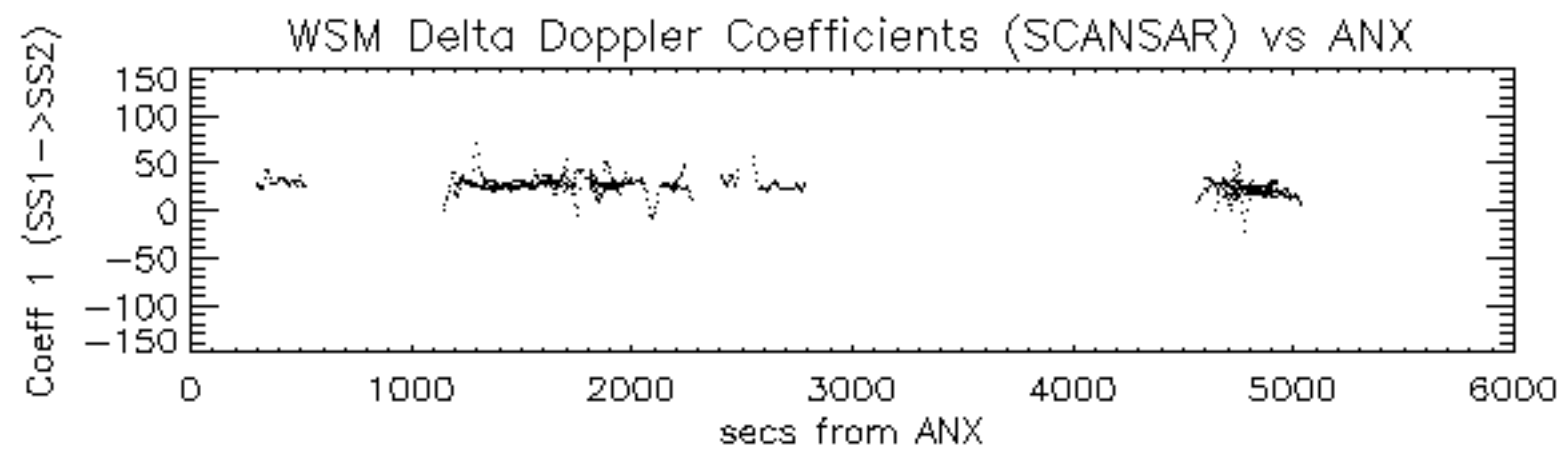


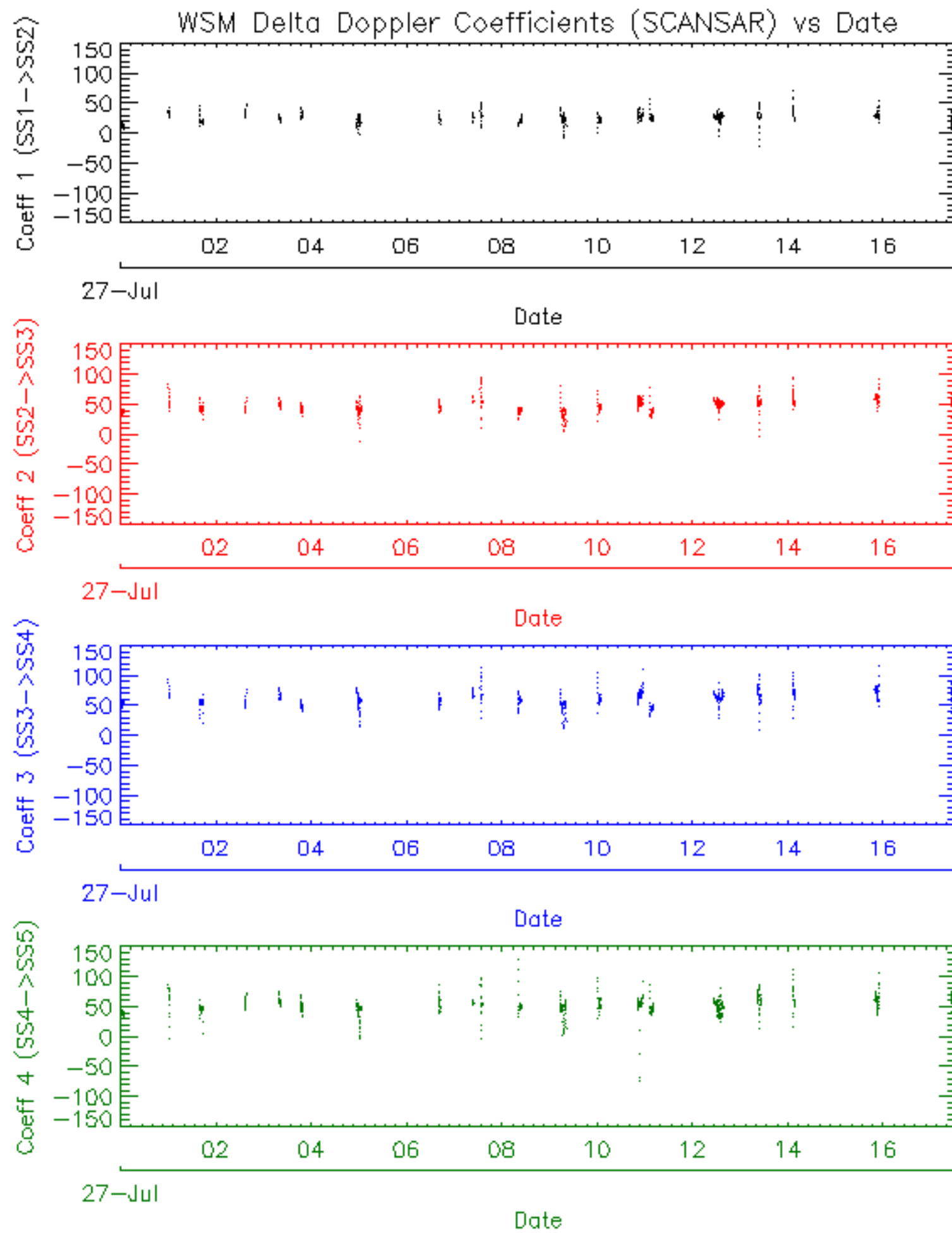


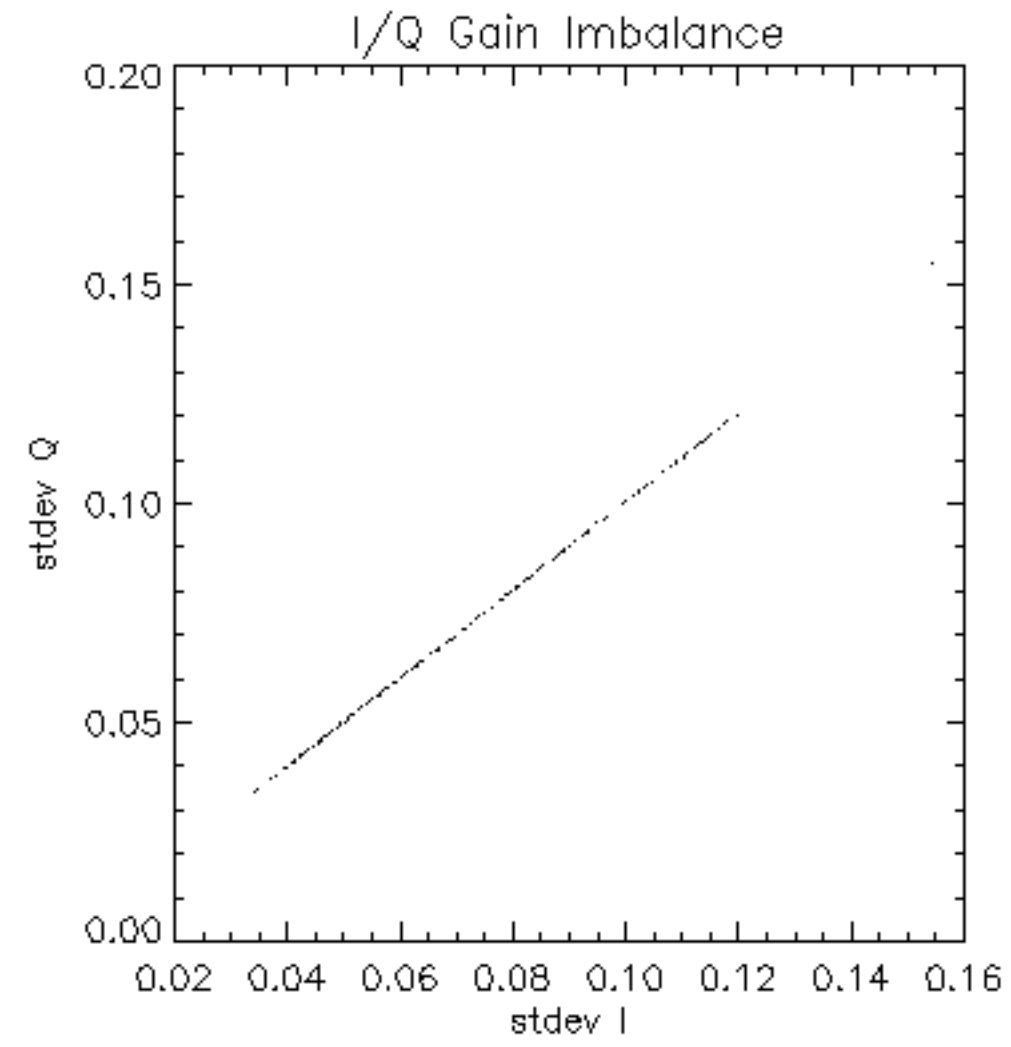


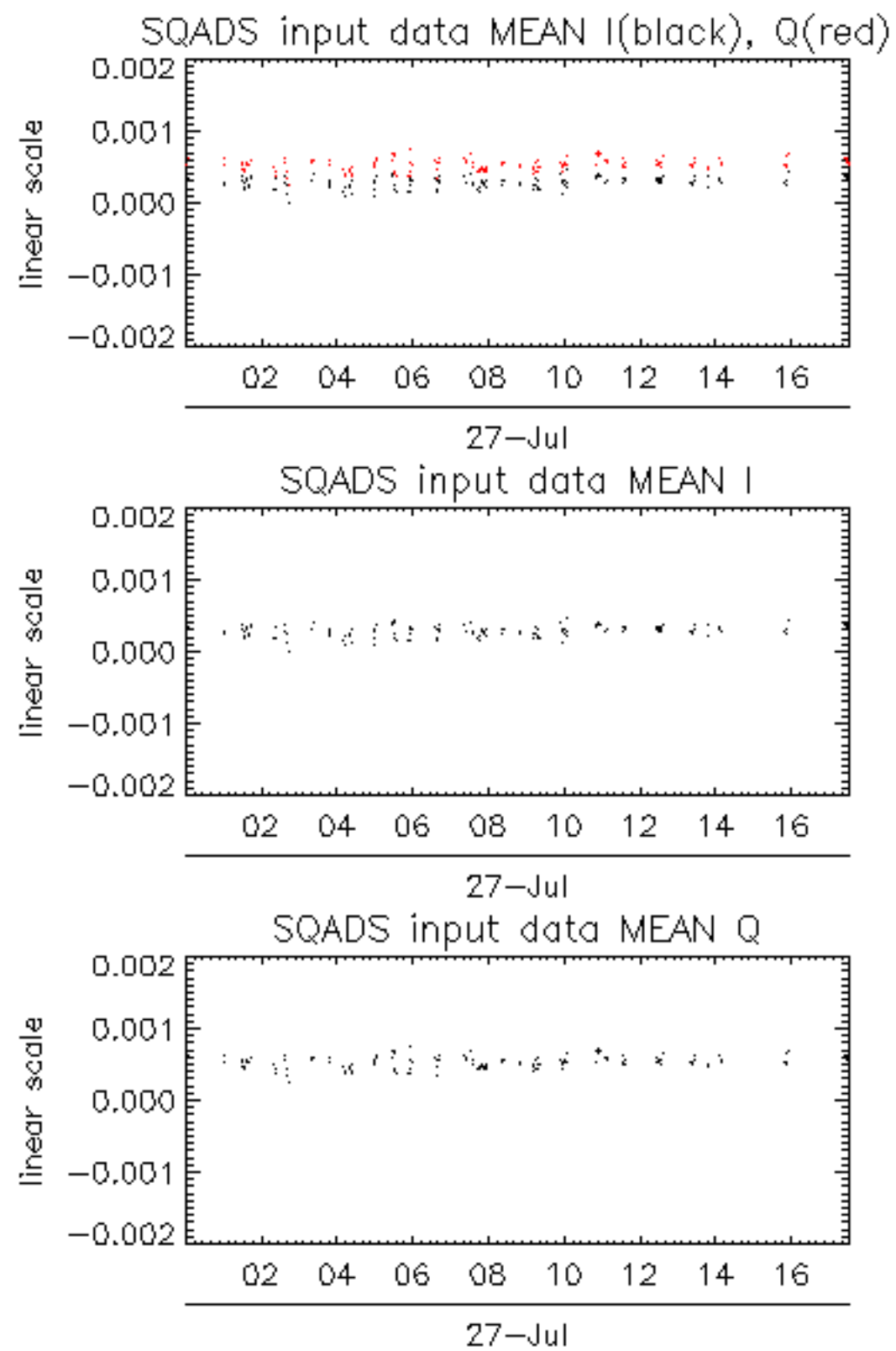


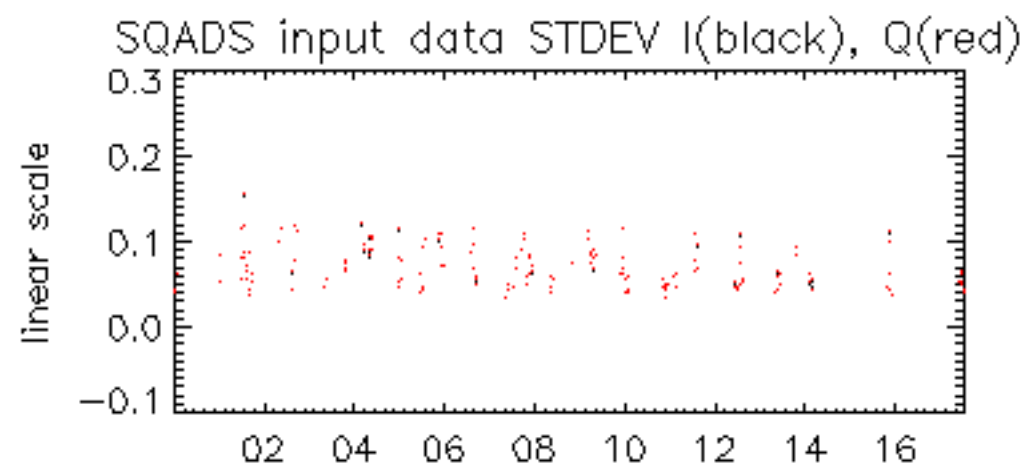




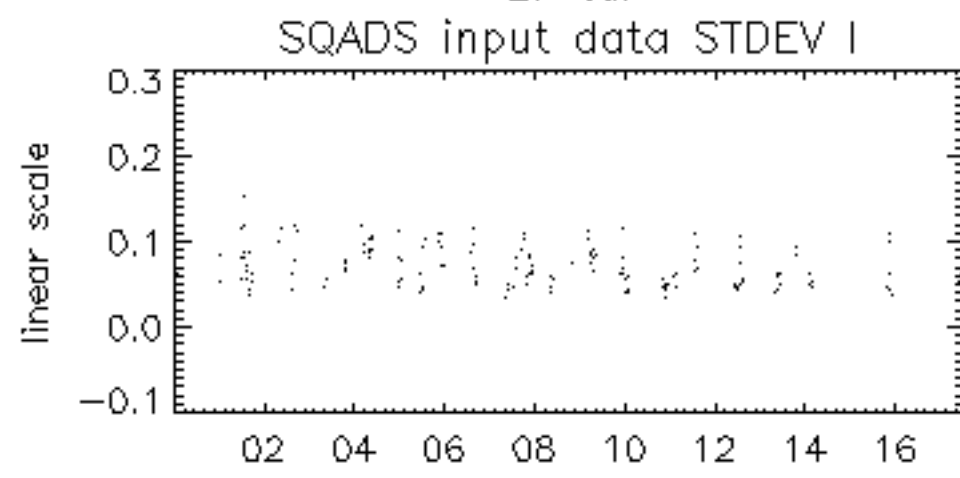




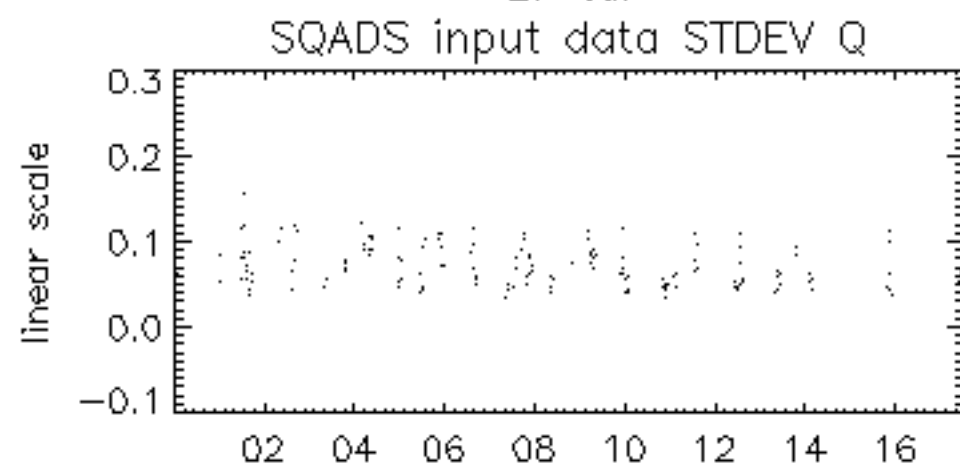




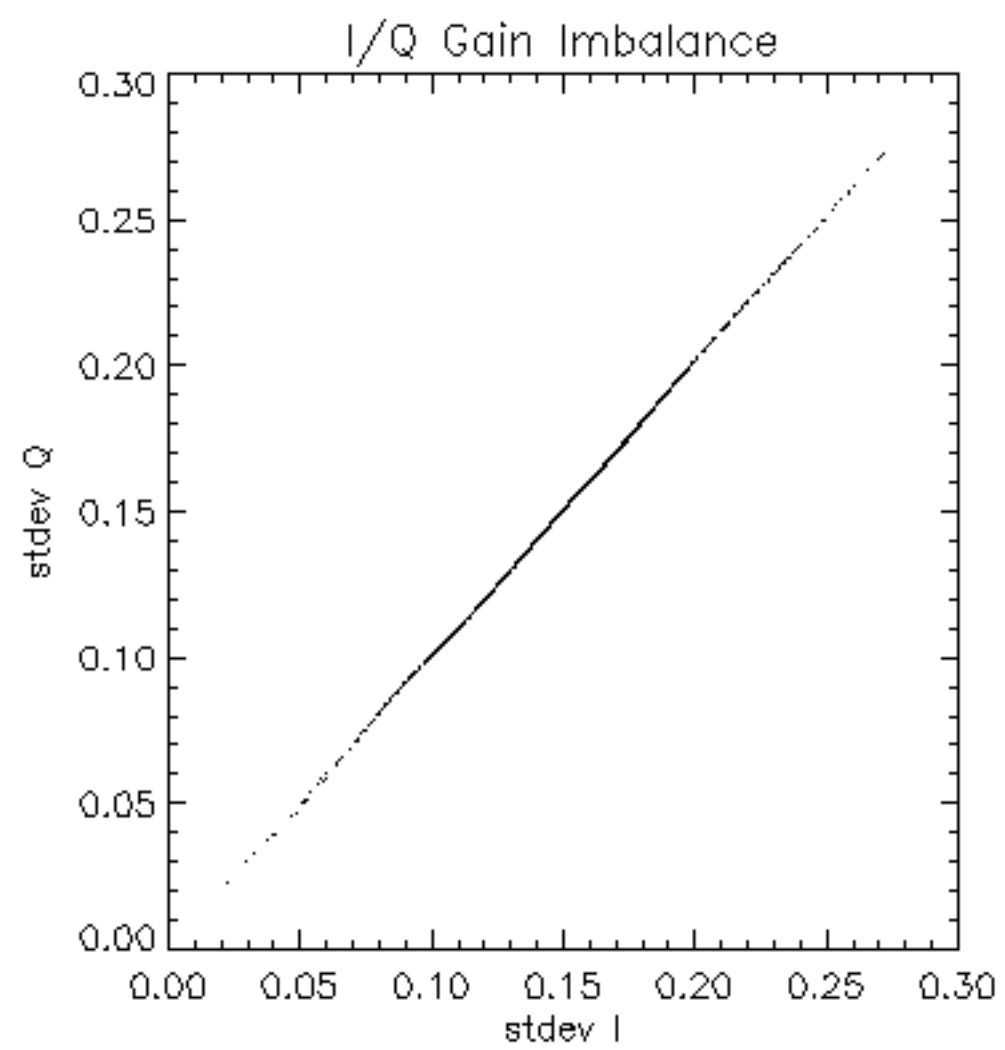
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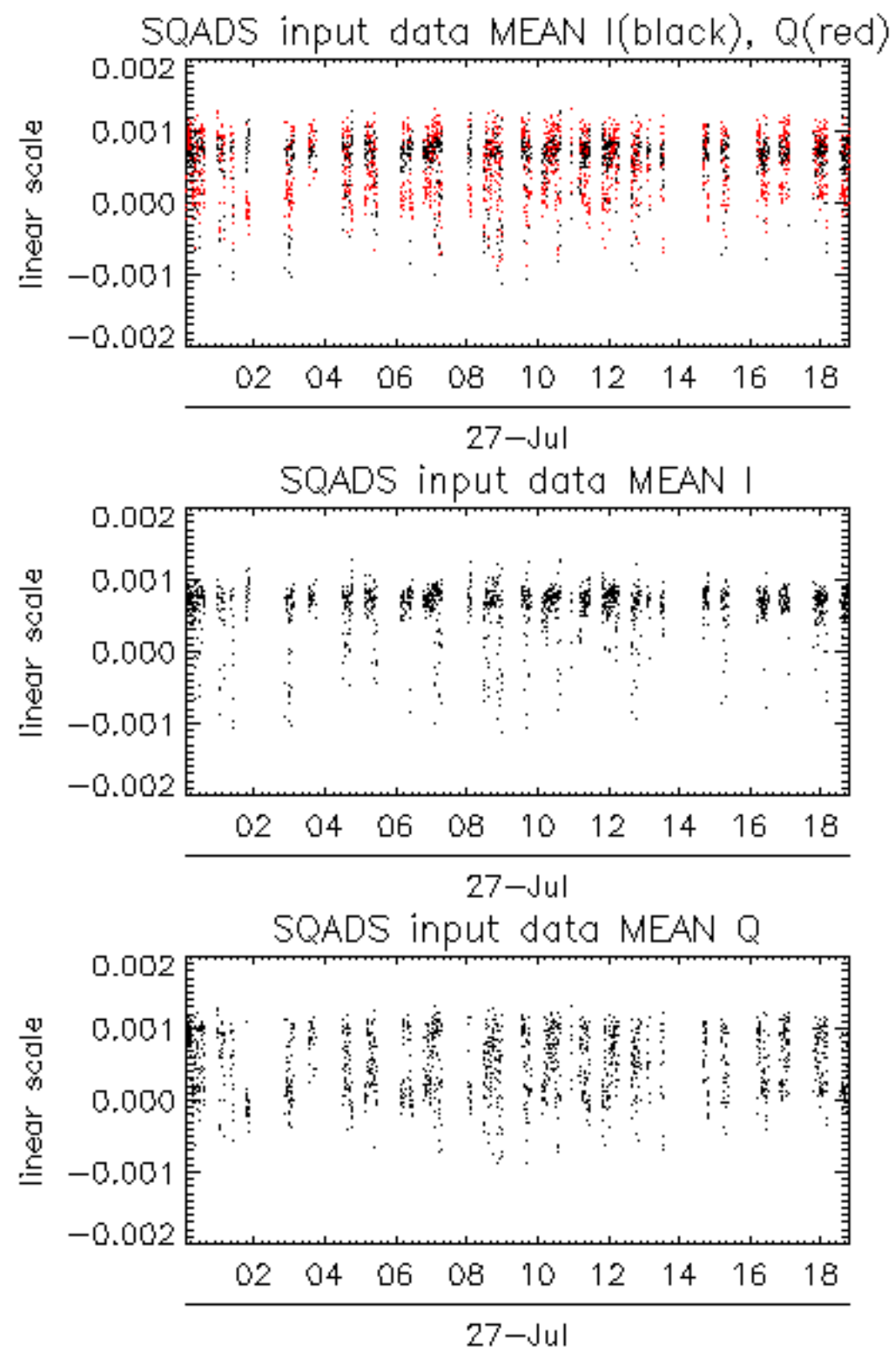


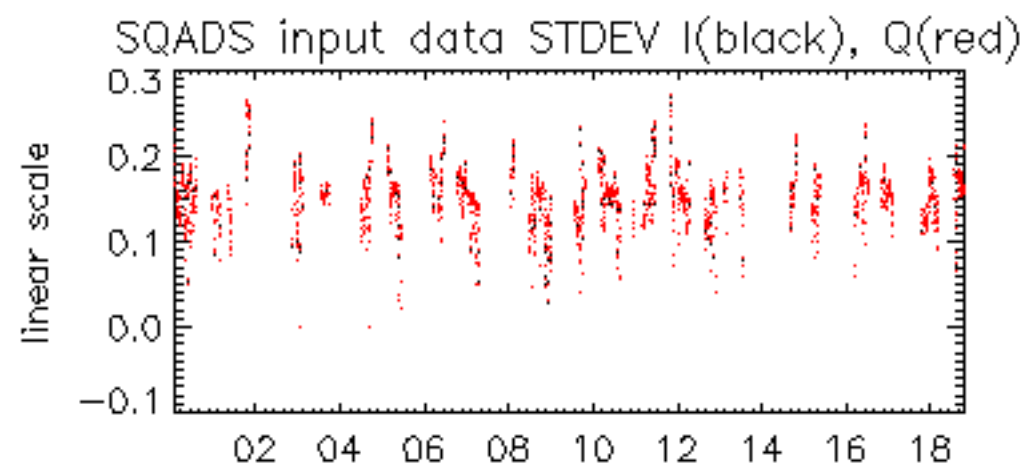
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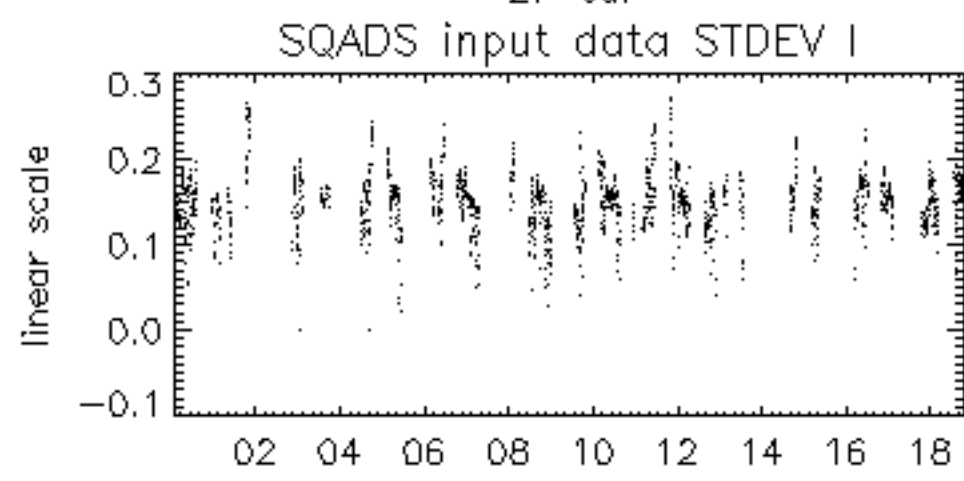
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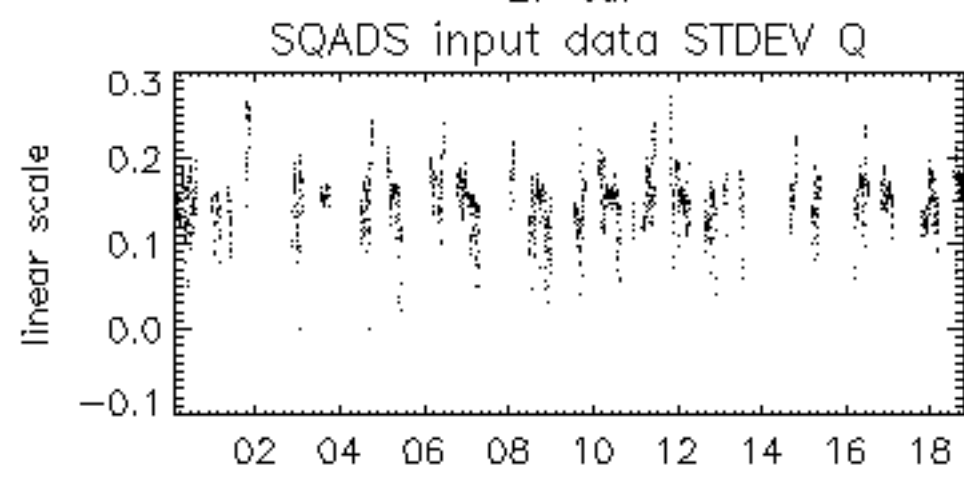




27-Jul



27-Jul



27-Jul

