



Analysis from 09-JUN-2011 00:00:00 to 09-JUN-2011 23:59:59. Page generated on 10-JUN-2011 07:32:06.
View log file: ASAR_Daily_Report_20110610_0731.log. For any anomalies please contact emma.griffiths@vegaspace.com, kajal.haria@vegaspace.com.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	45	PDE	IS1	H/H	1	PDE	IS3	H/H	1	PDE	WS	H/H	27	PDK	2011-06-09 13:58:15	V	320
PDE	IS2	V/V	31	PDK	WS	H/H	31	PDE	IS4	V/H	2	PDE	IS4	H/H	1	PDE	WS	V/V	7	PDK	2011-06-09 15:38:29	V	320
PDK	IS2	V/V	13					PDE	IS4	V/V	1	PDE	IS6	H/H	5	PDK	WS	H/H	8				
												PDK	IS3	V/V	1	PDK	WS	V/V	3				

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_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_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

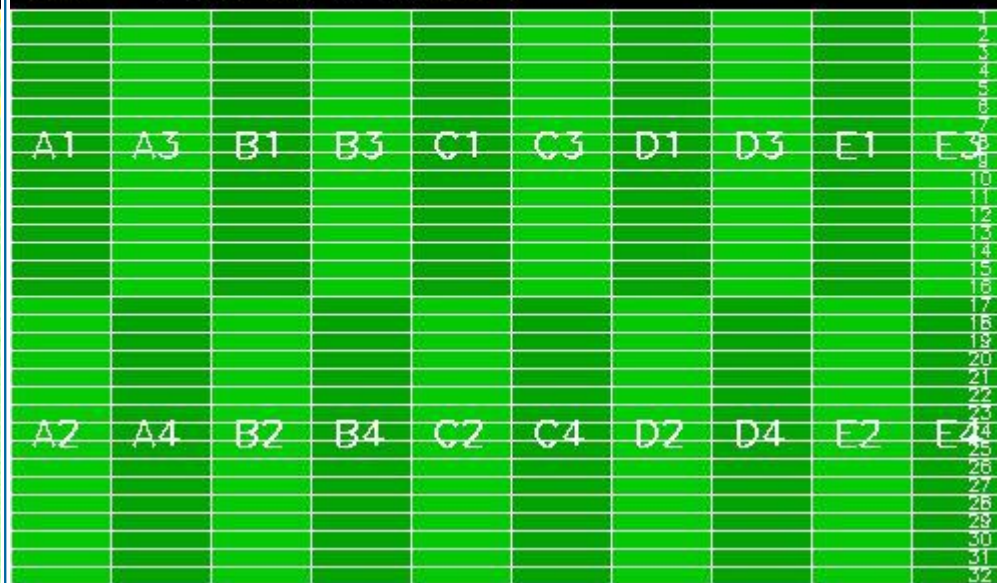
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
------------------------	----------------------------

Pre-launch reference (2001-02-09)

Previous product in the same polarisation

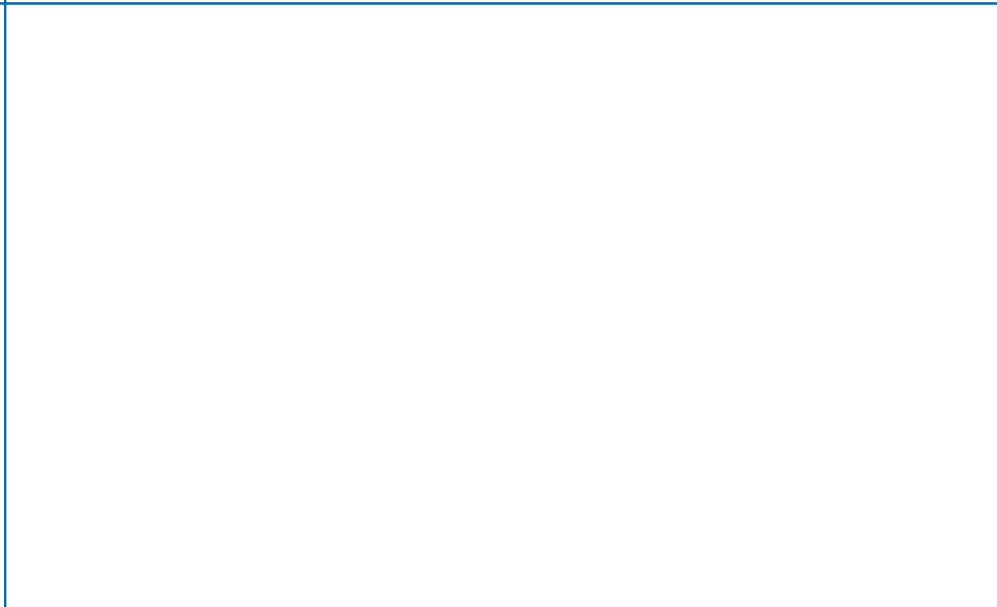
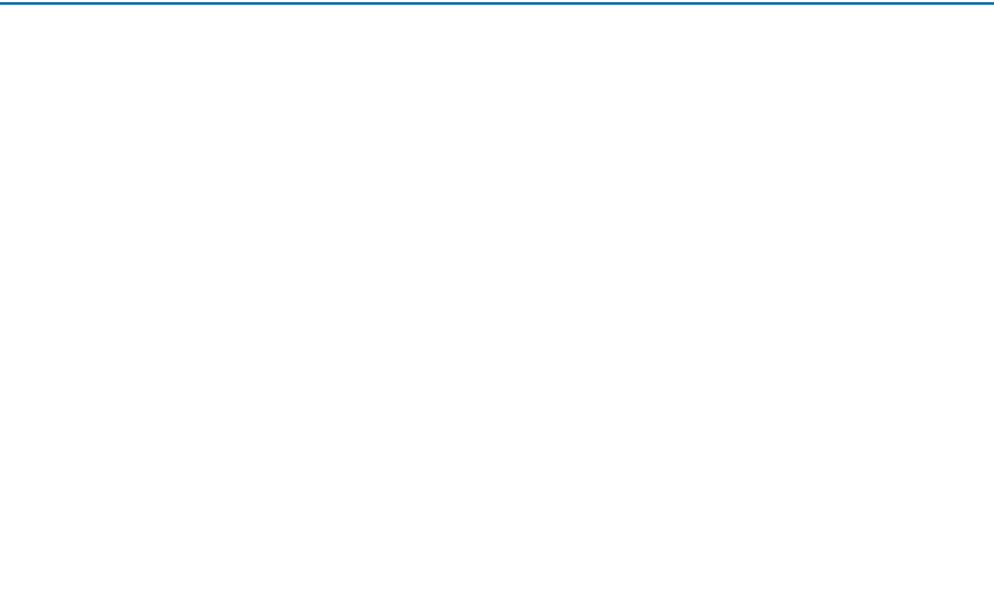
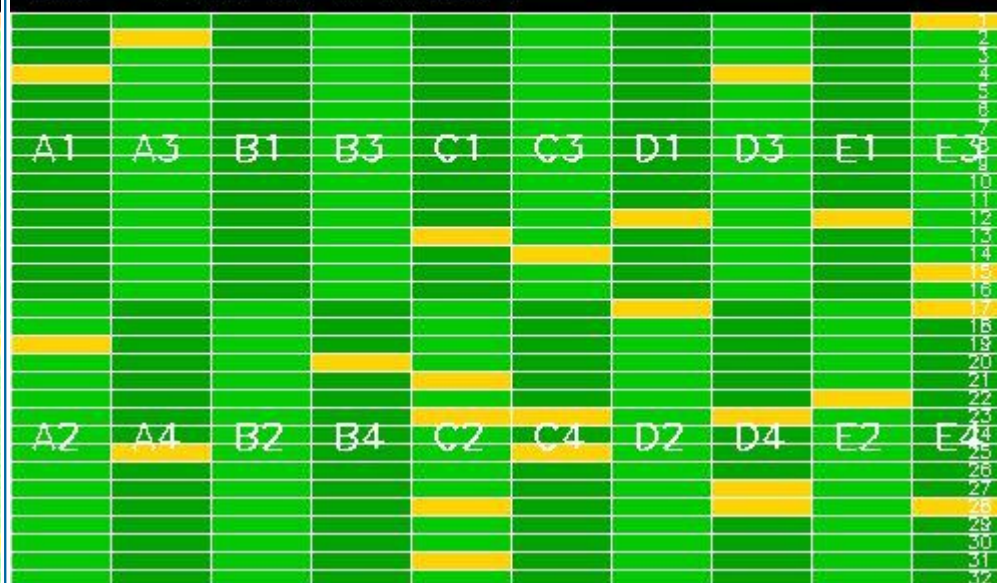
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2011-06-09 15:38:29 V

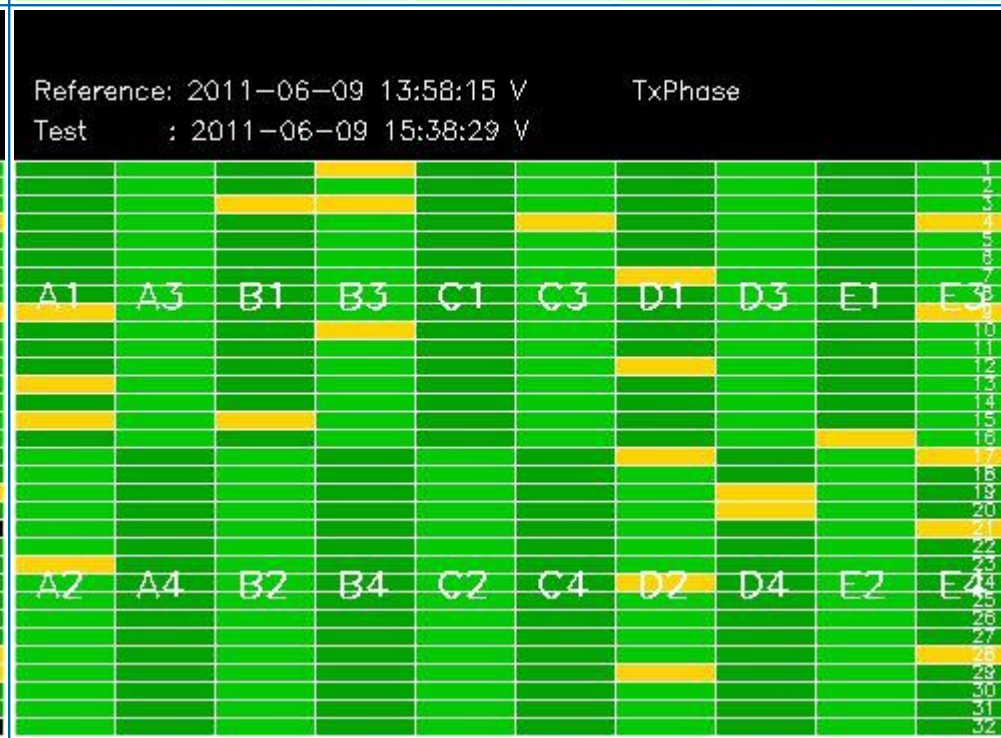
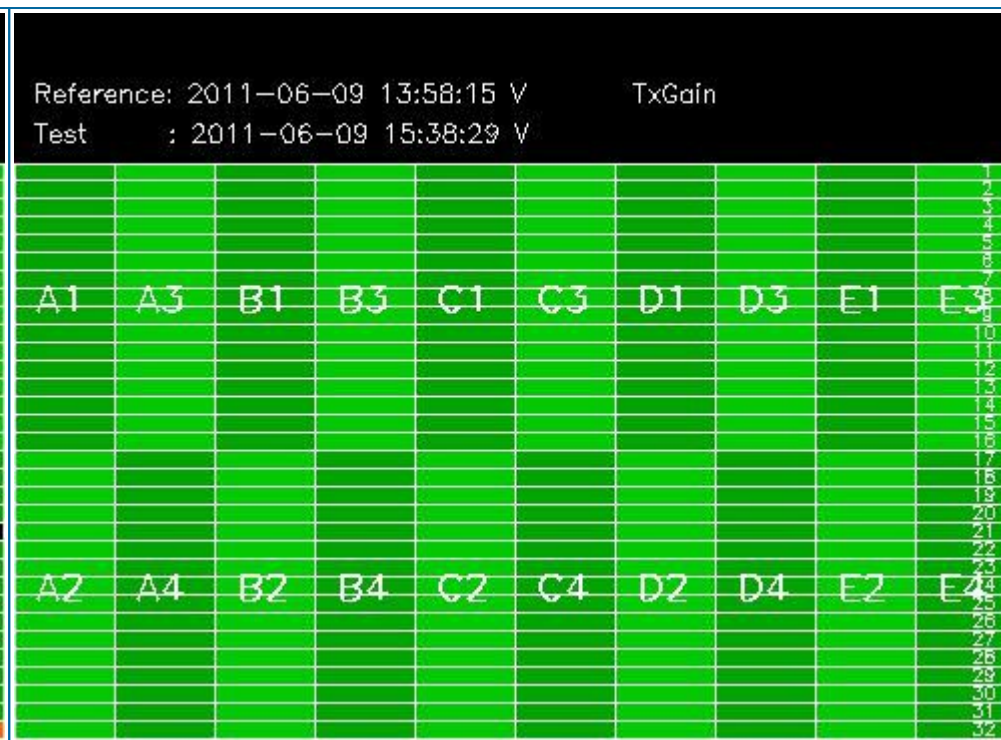
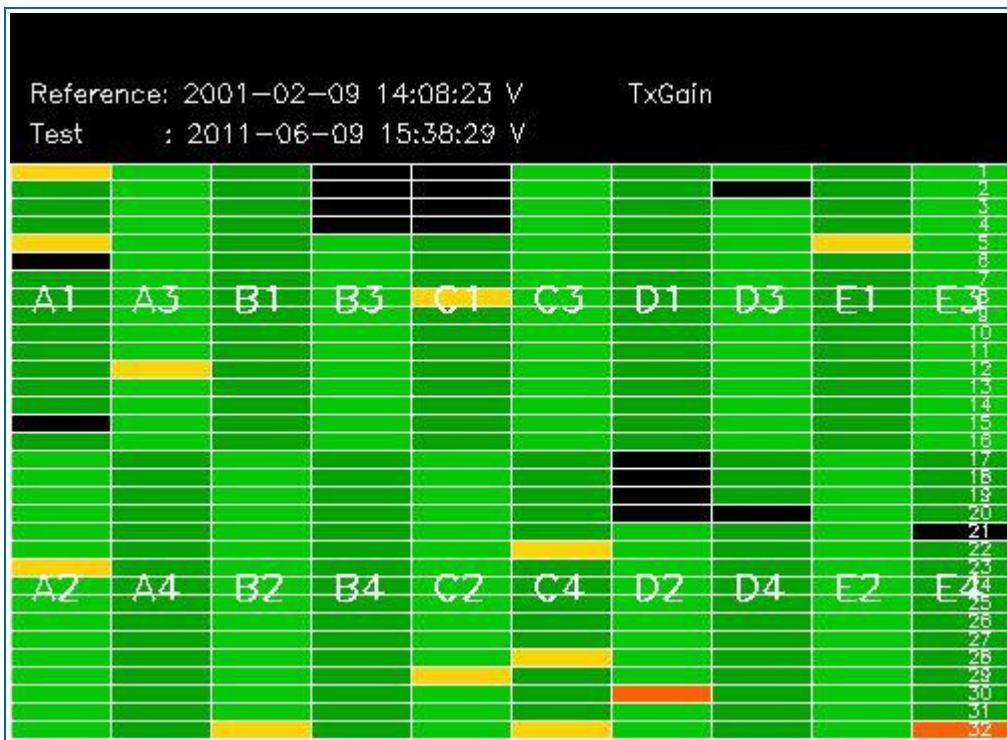
Reference: 2011-06-09 13:58:15 V RxGain
 Test : 2011-06-09 15:38:29 V



Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2011-06-09 15:38:29 V

Reference: 2011-06-09 13:58:15 V RxPhase
 Test : 2011-06-09 15:38:29 V

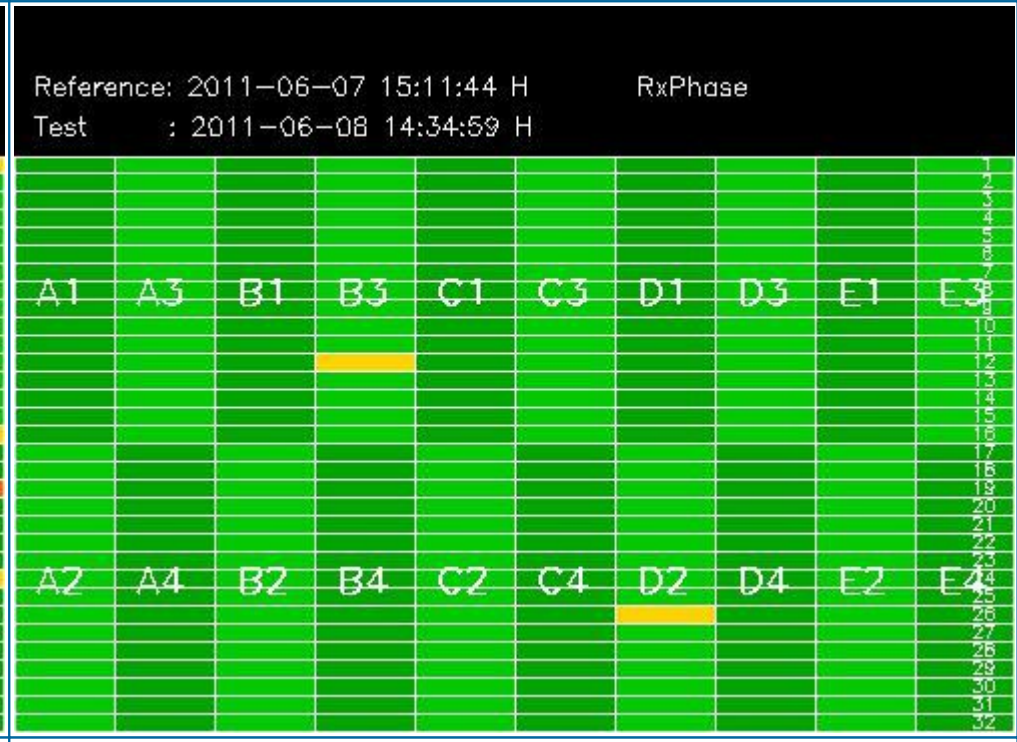
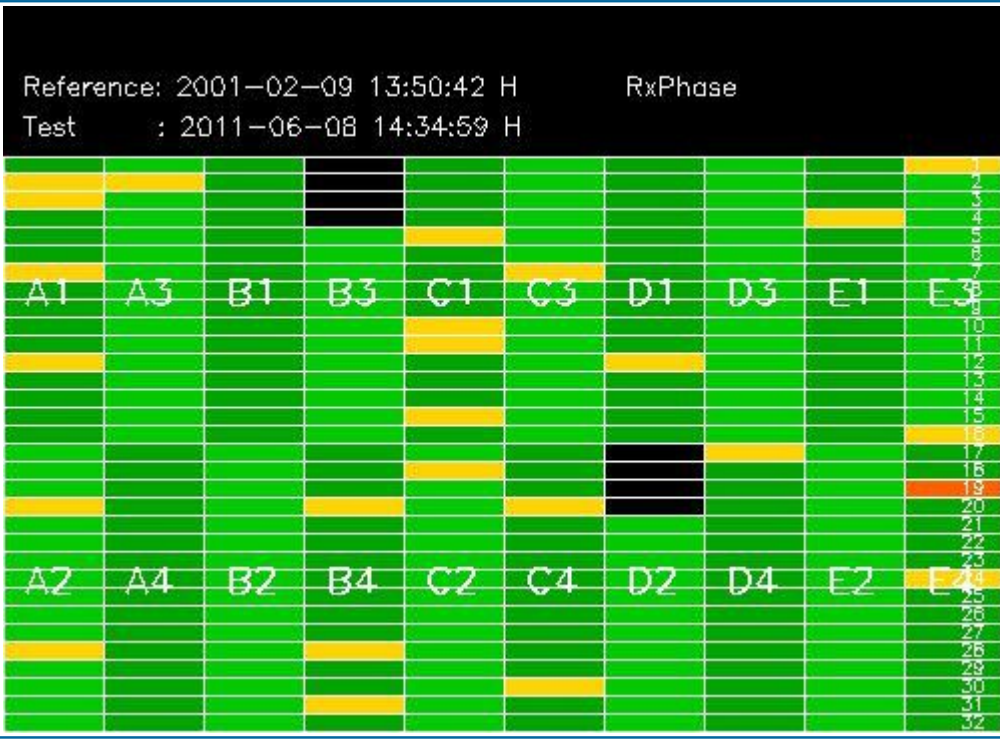
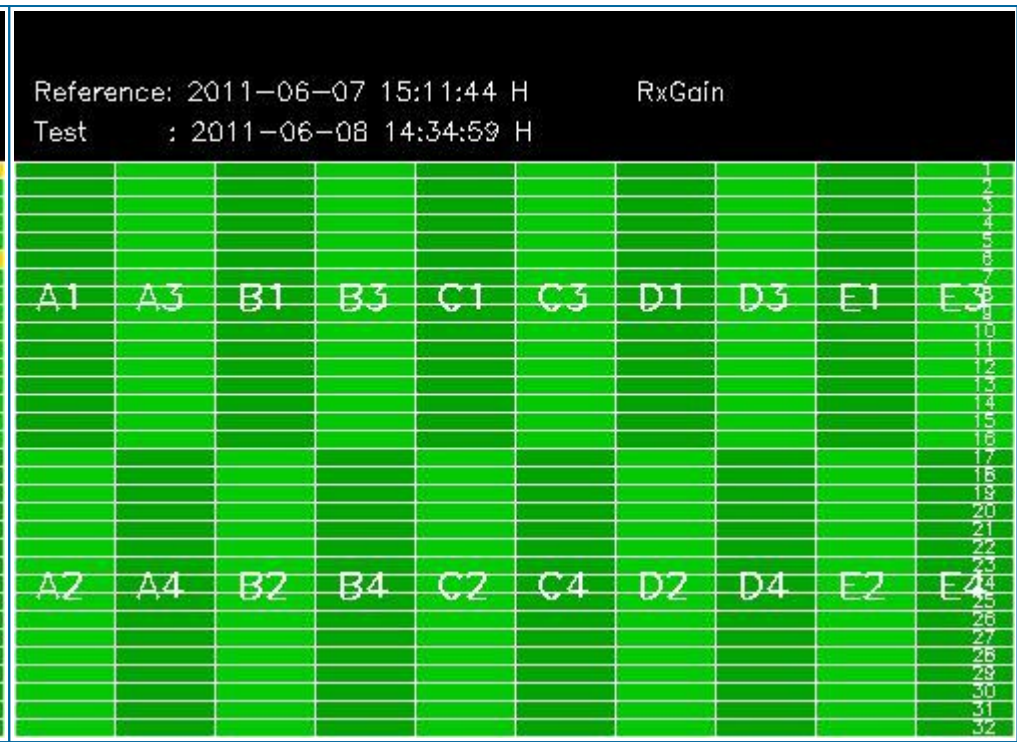
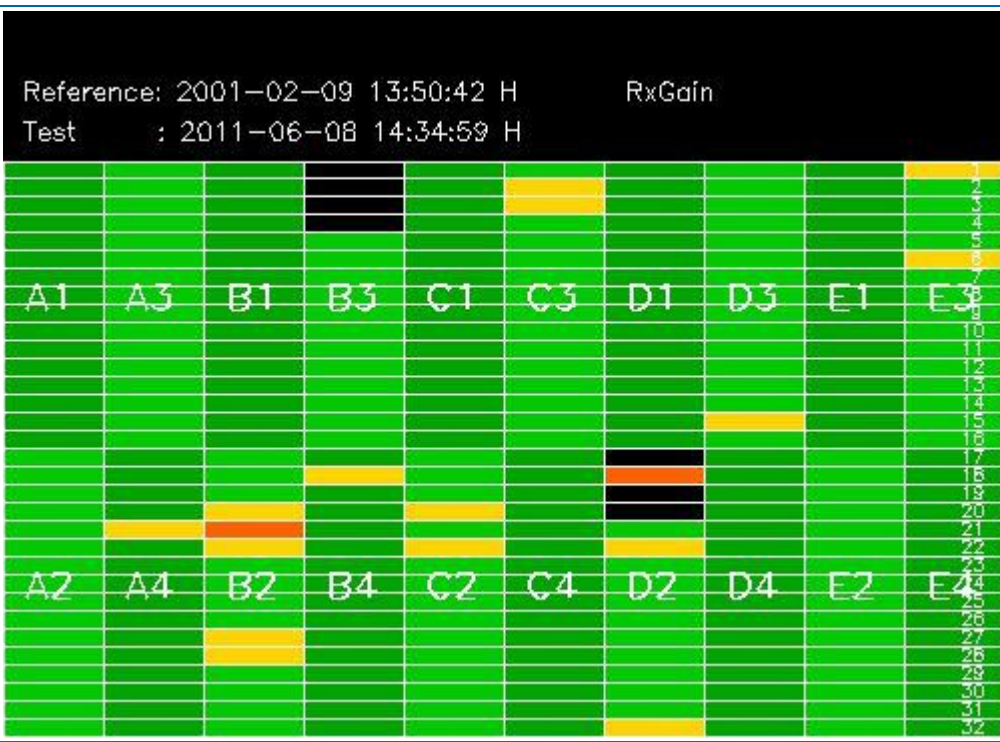


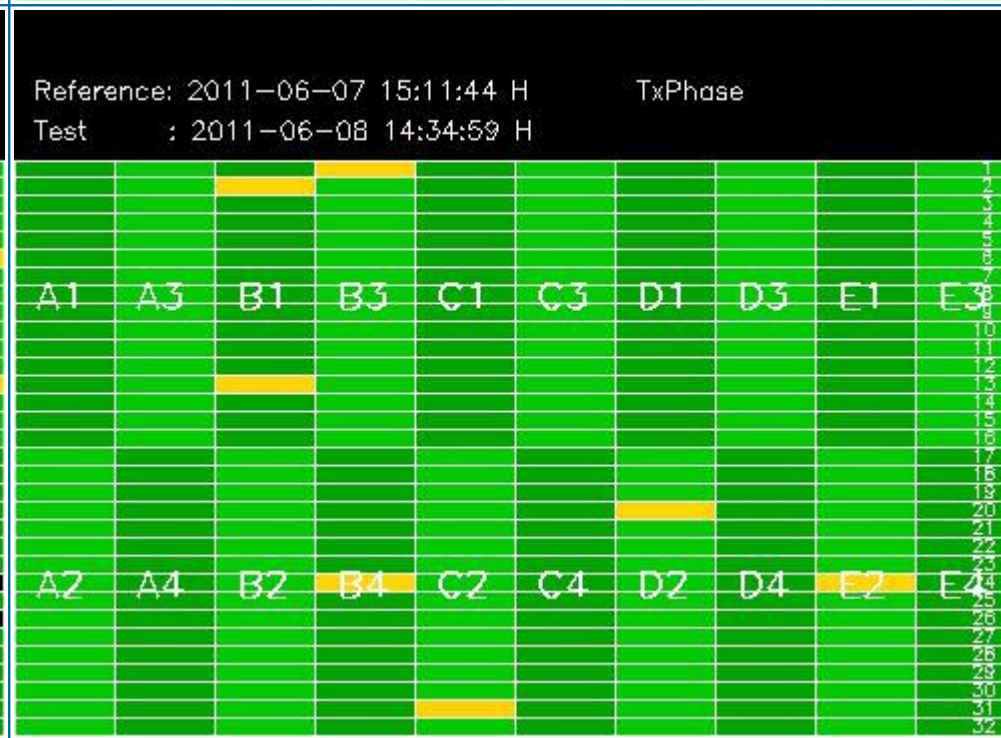
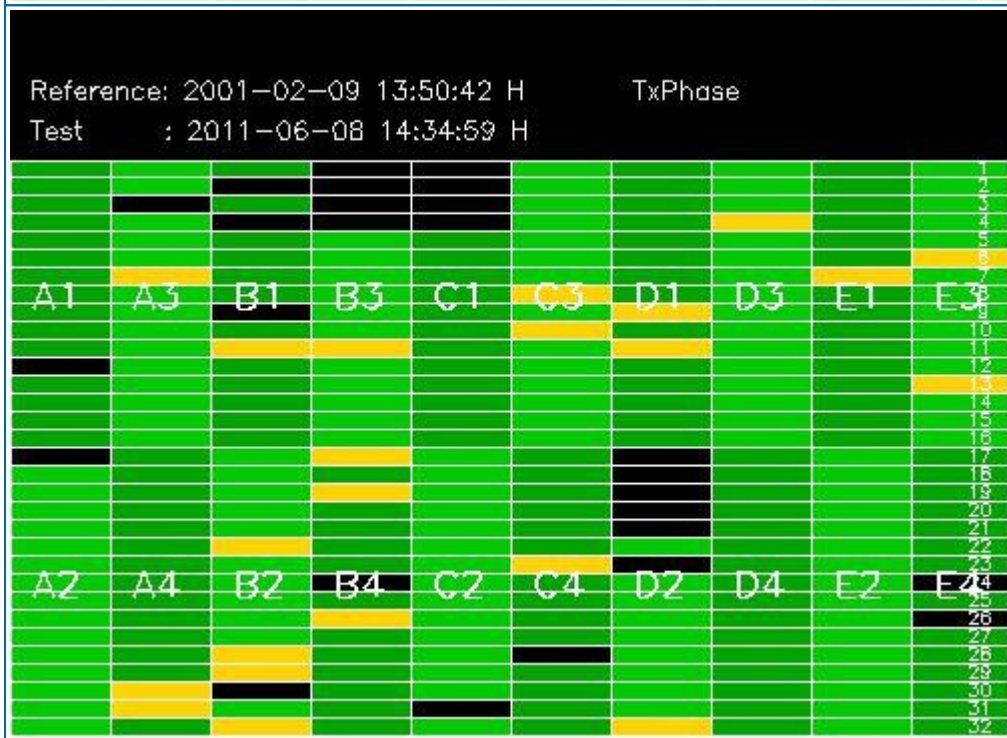
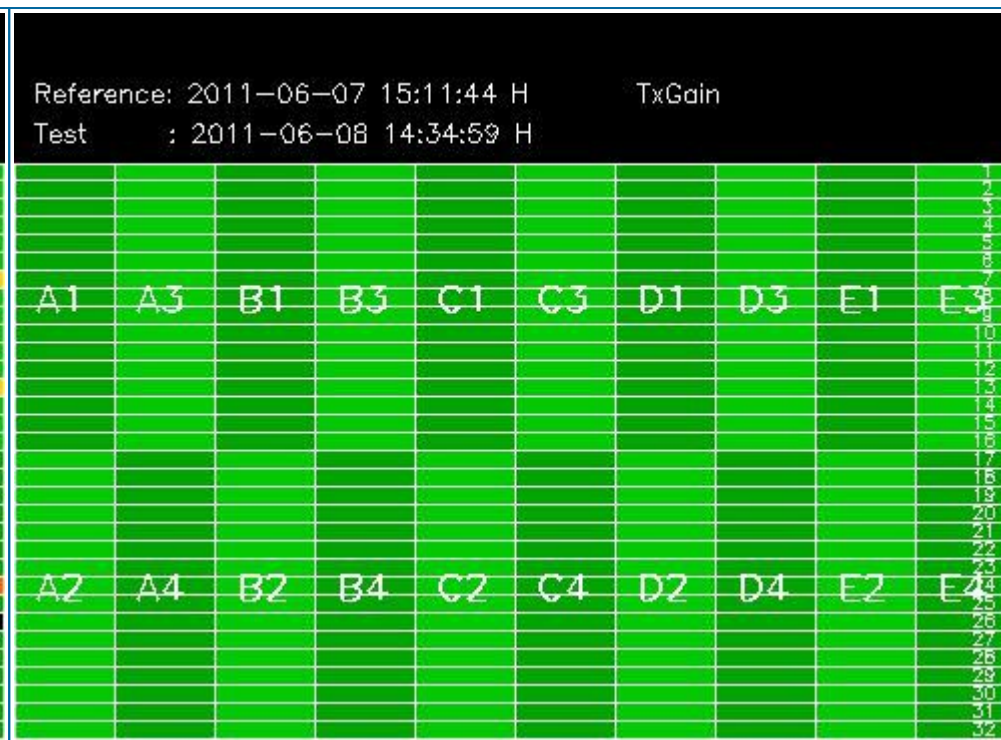
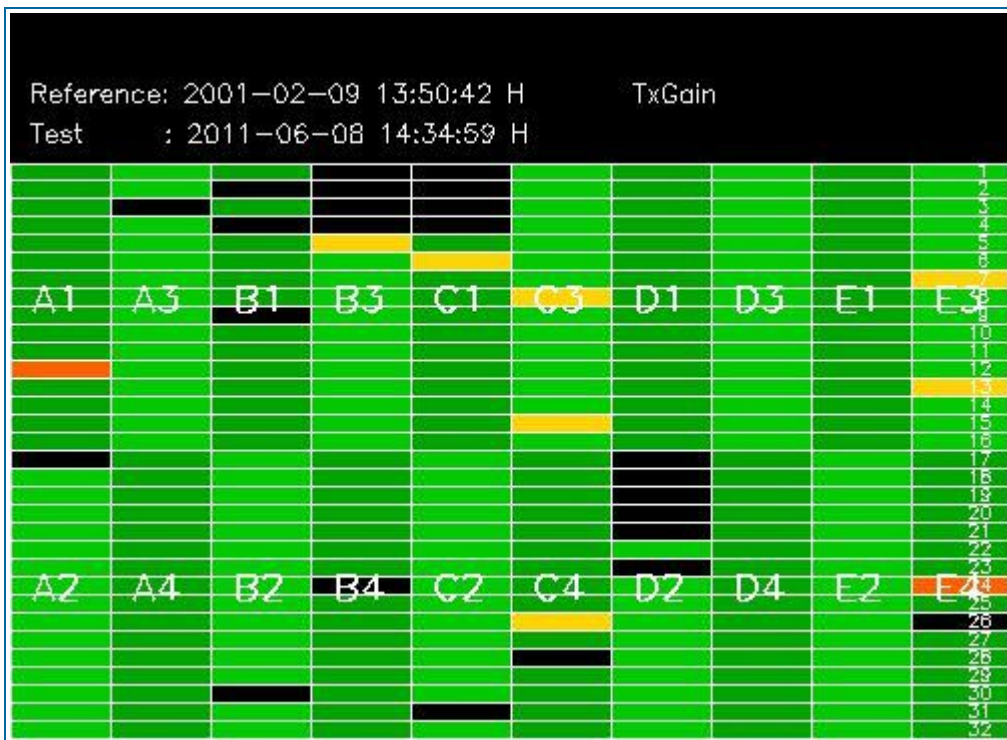


3.2 - H/H polarisation

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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

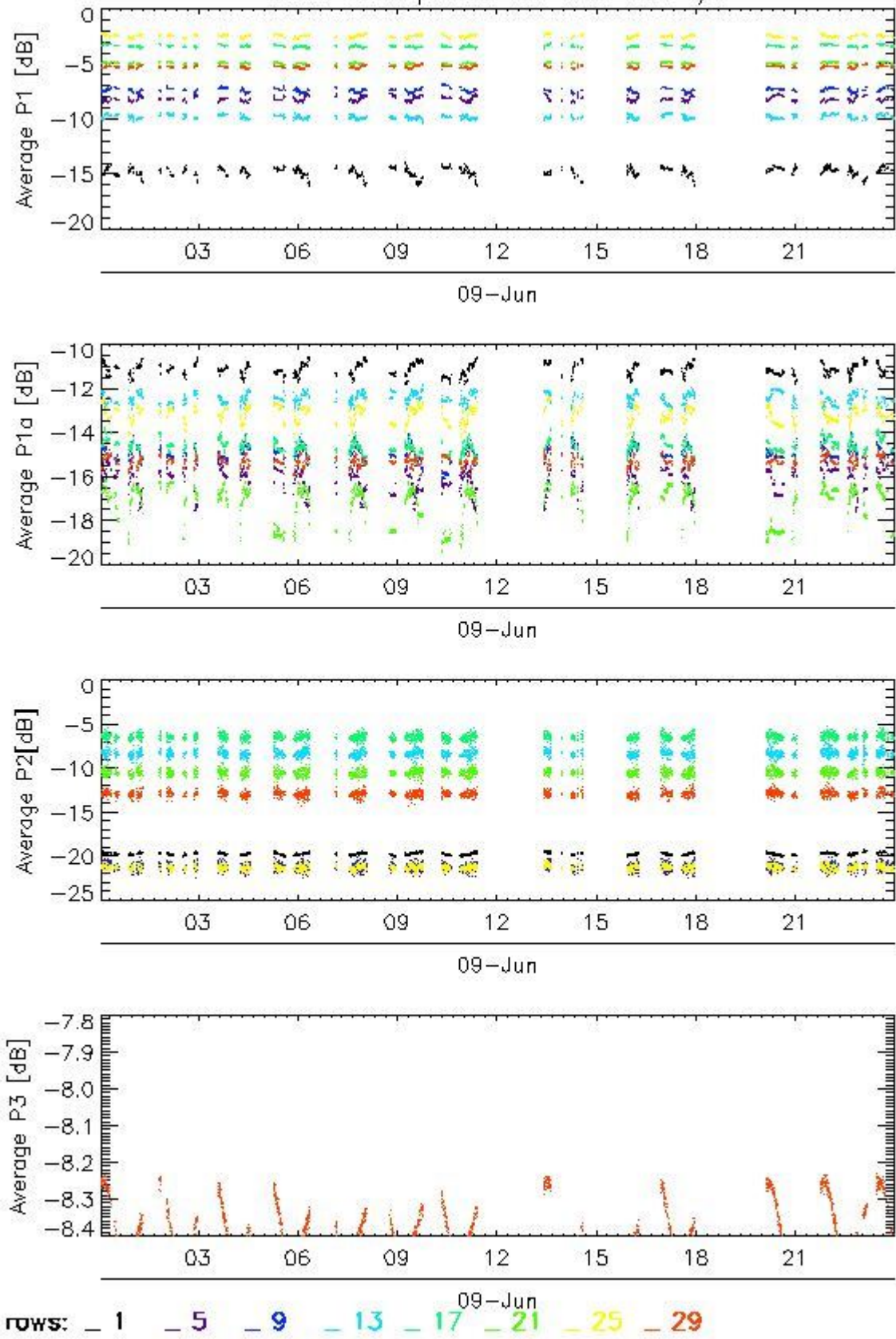
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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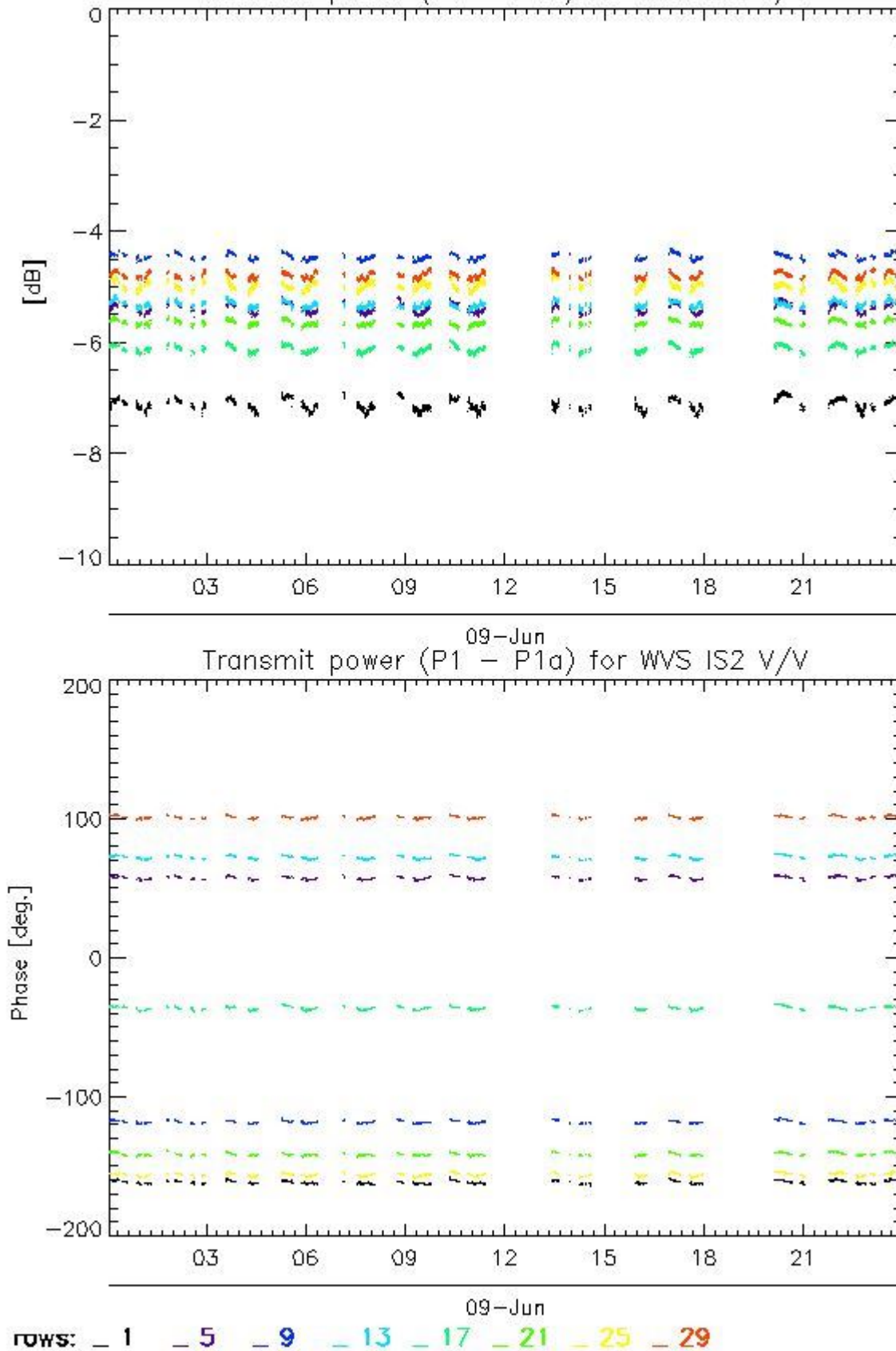
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



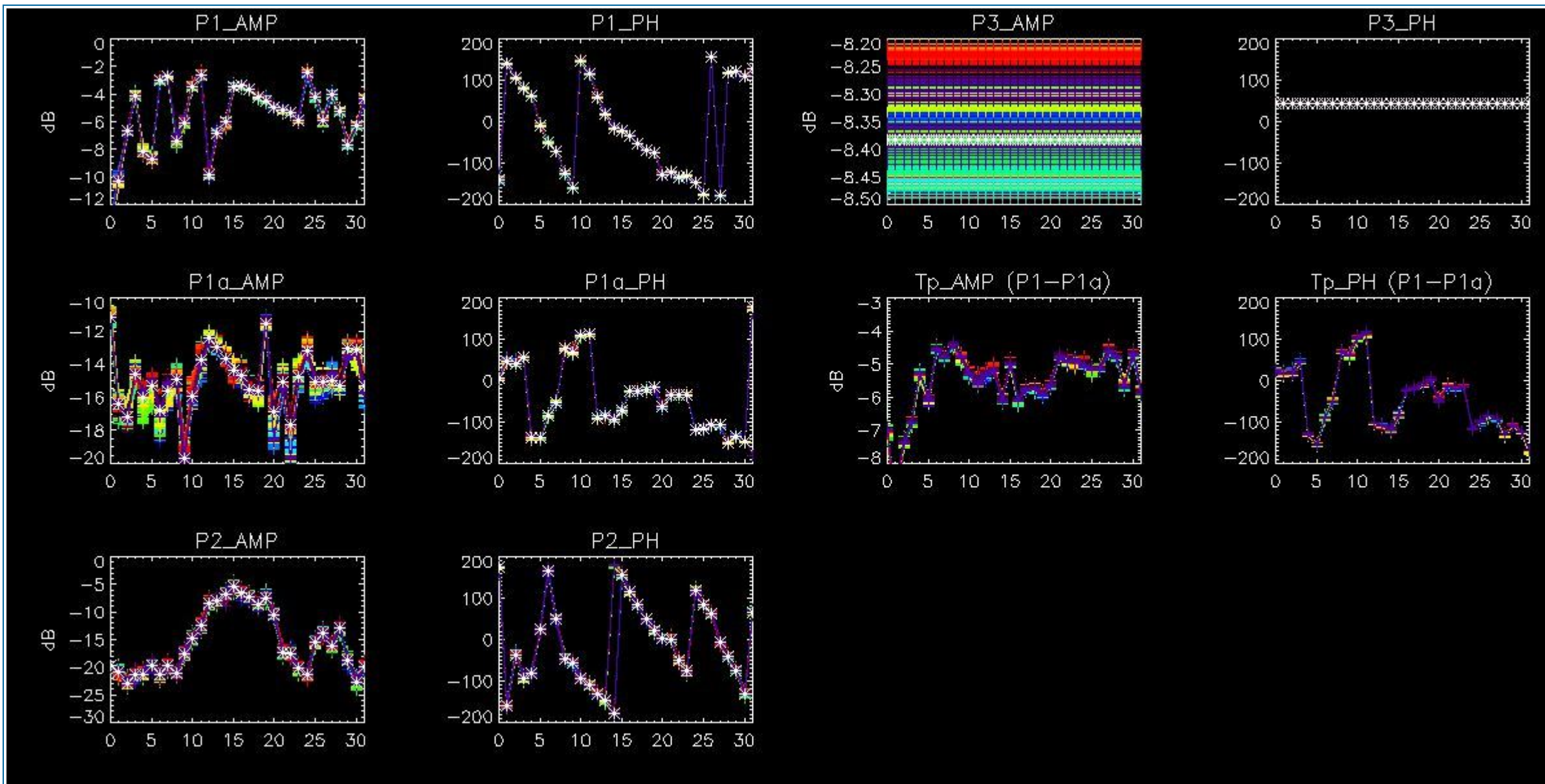
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

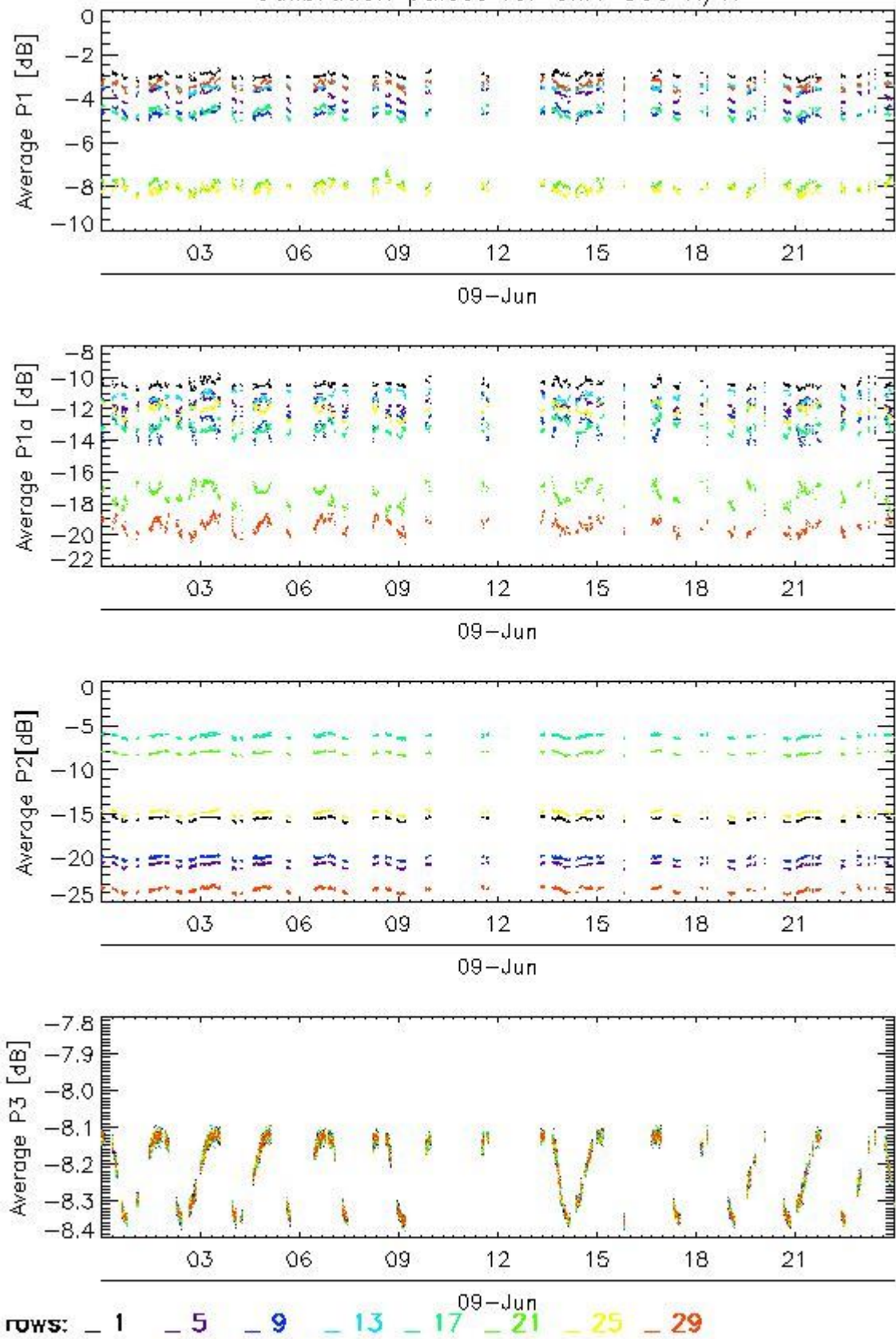
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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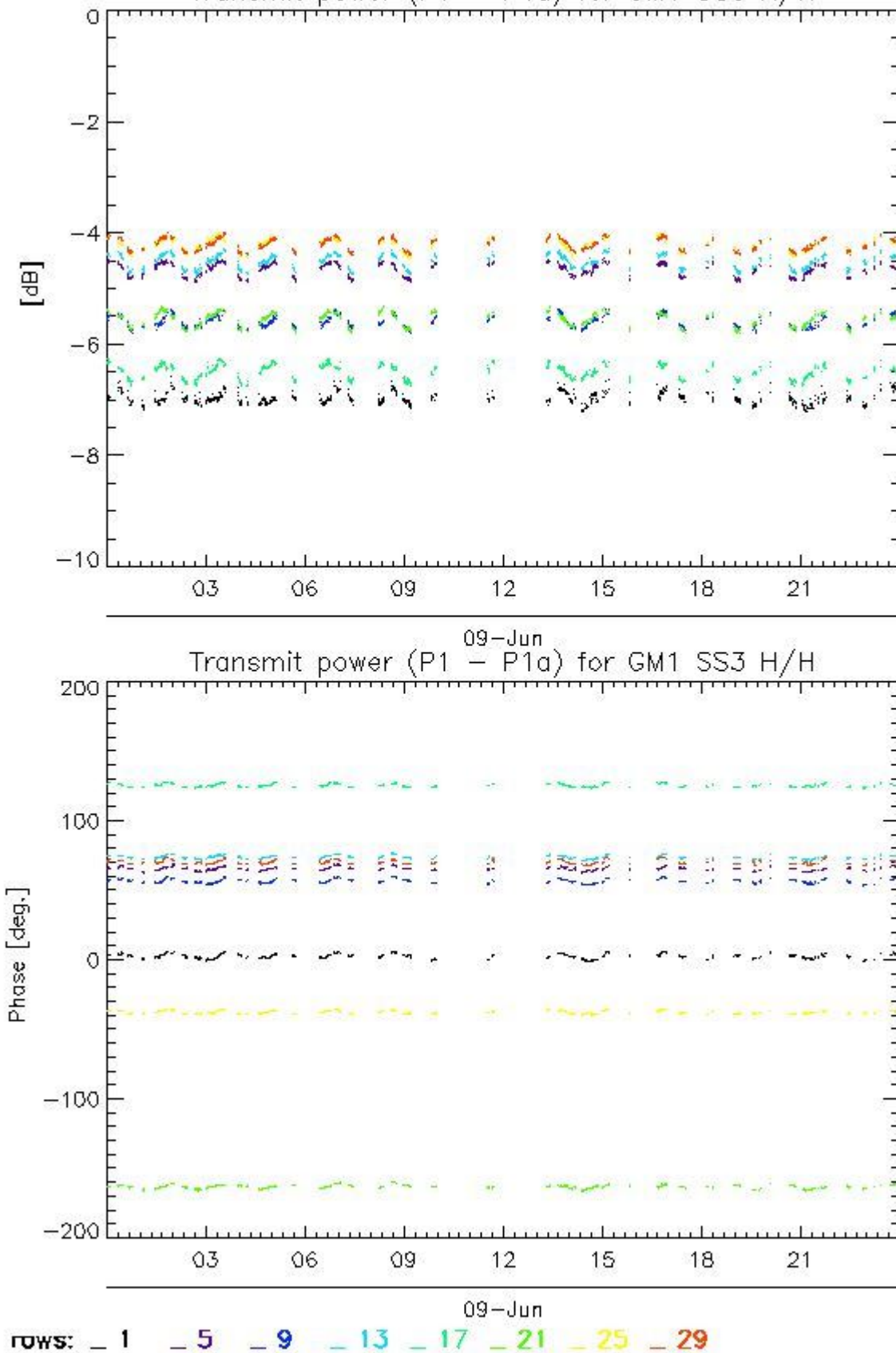
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



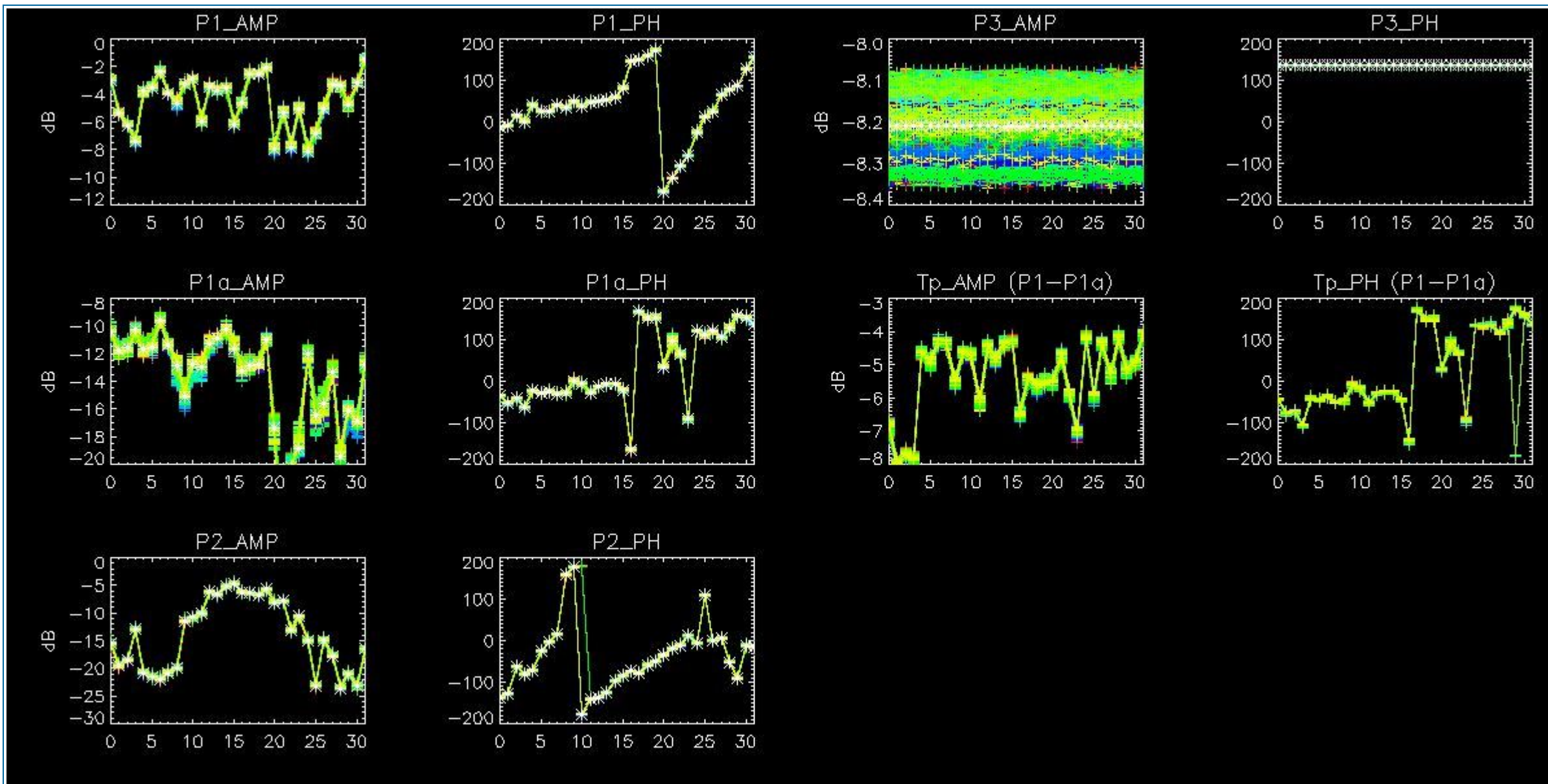
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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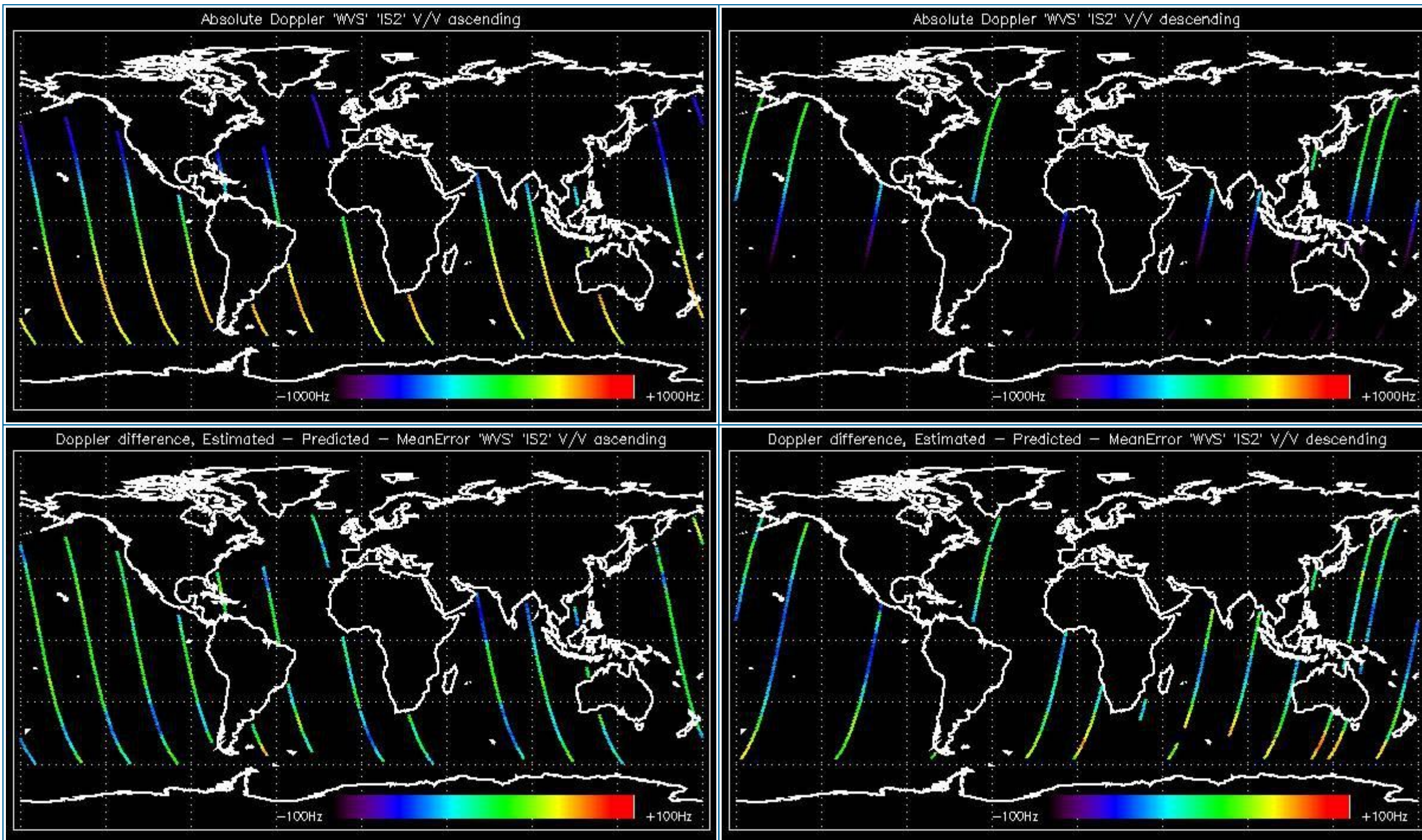
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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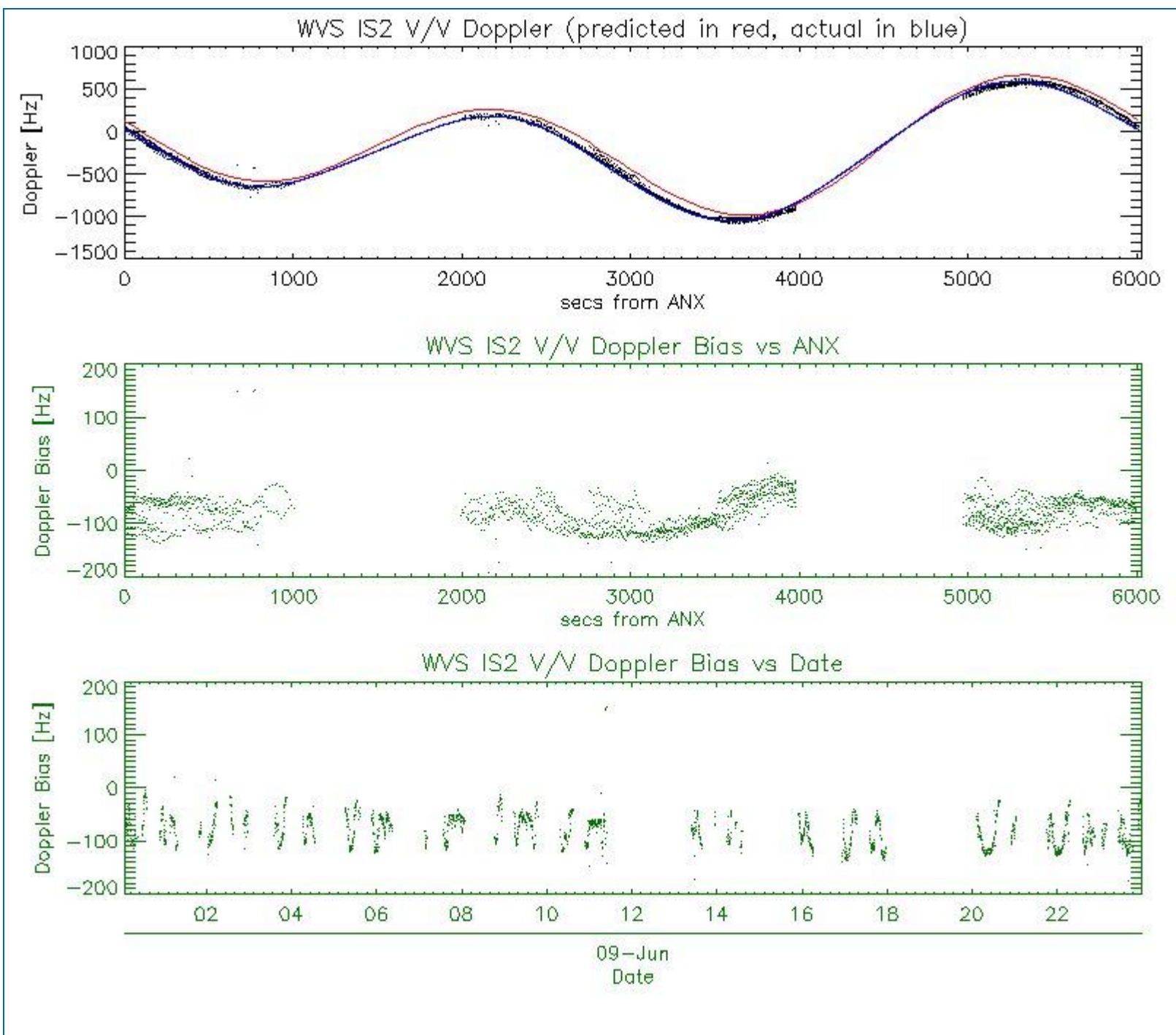




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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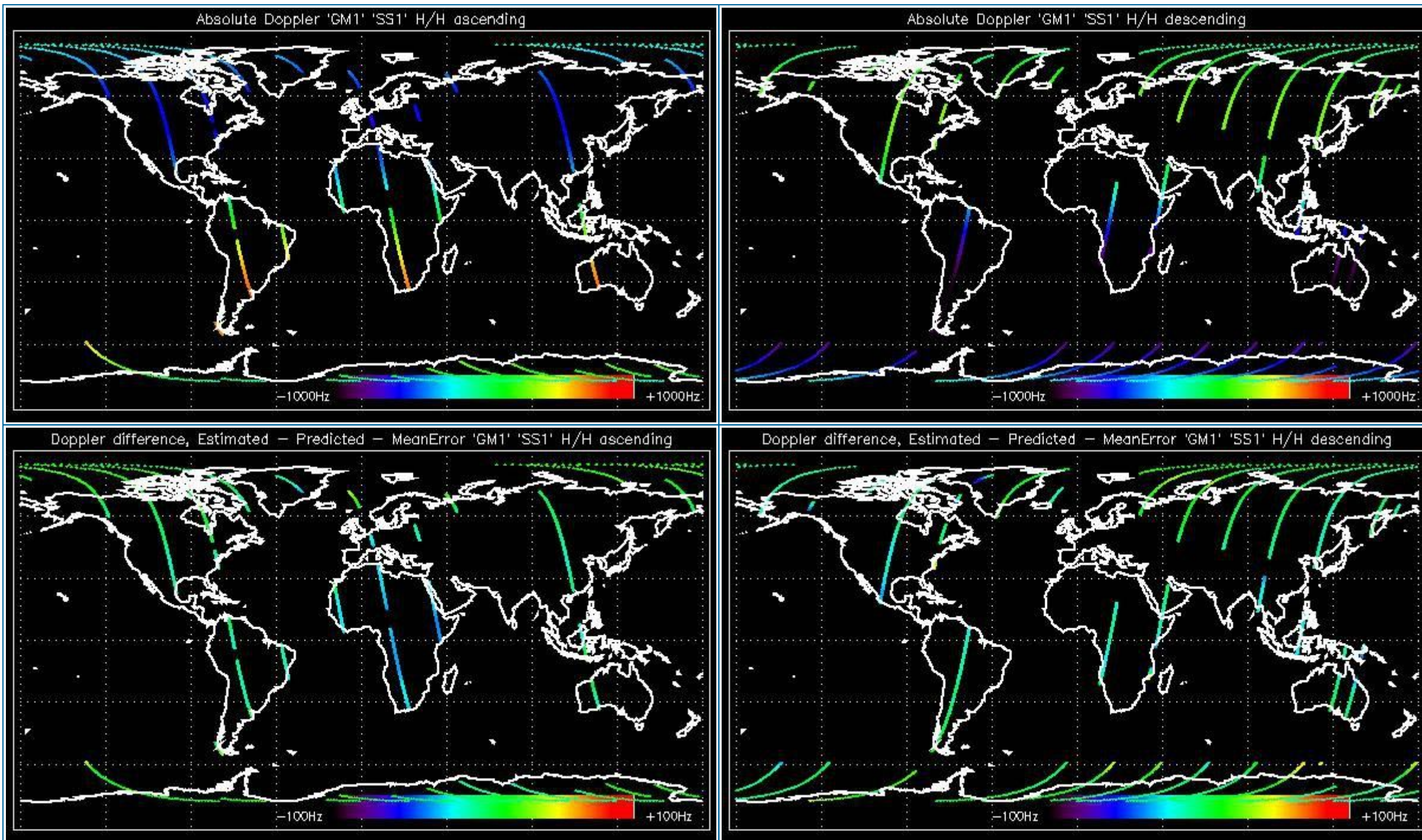


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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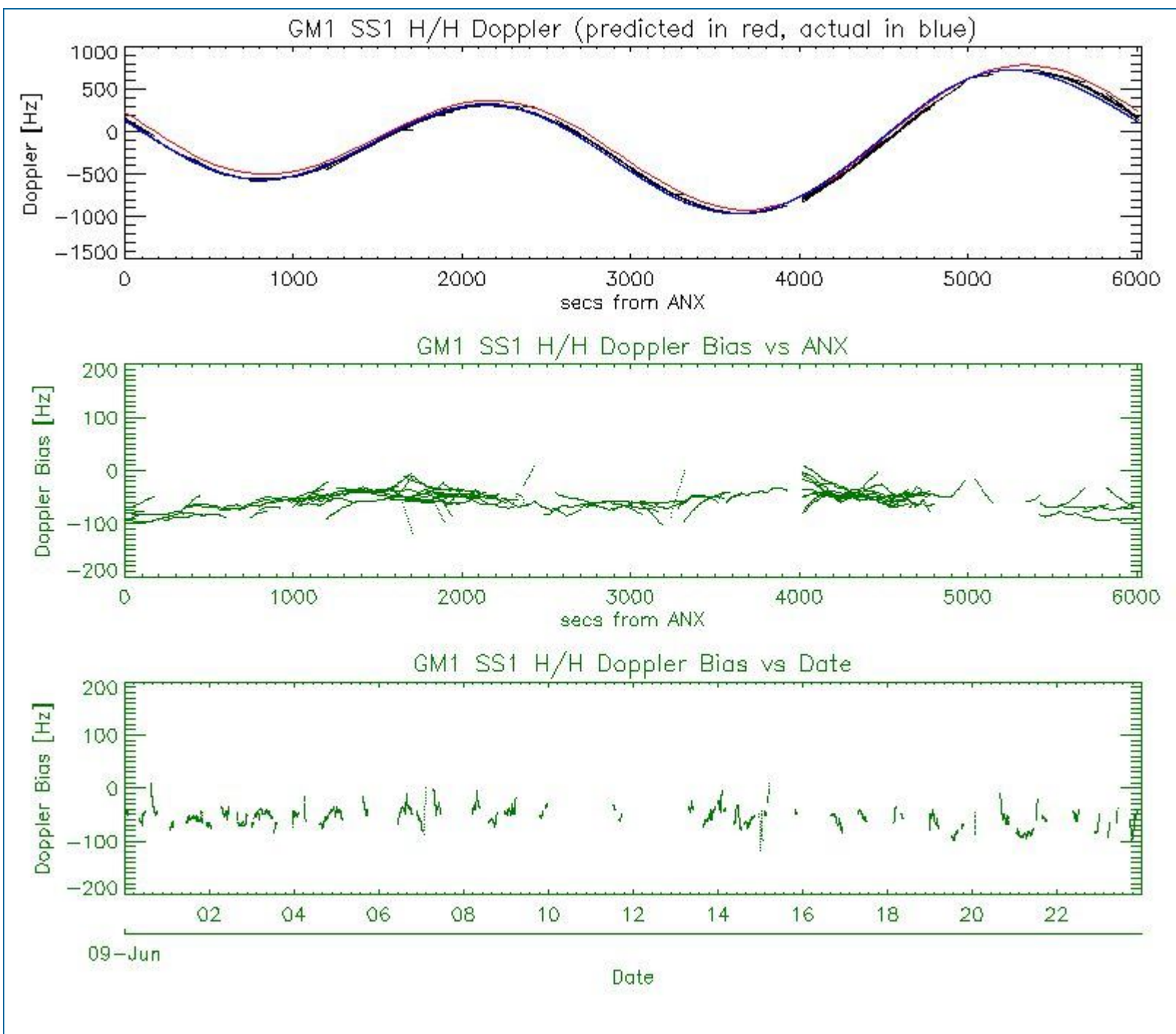




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

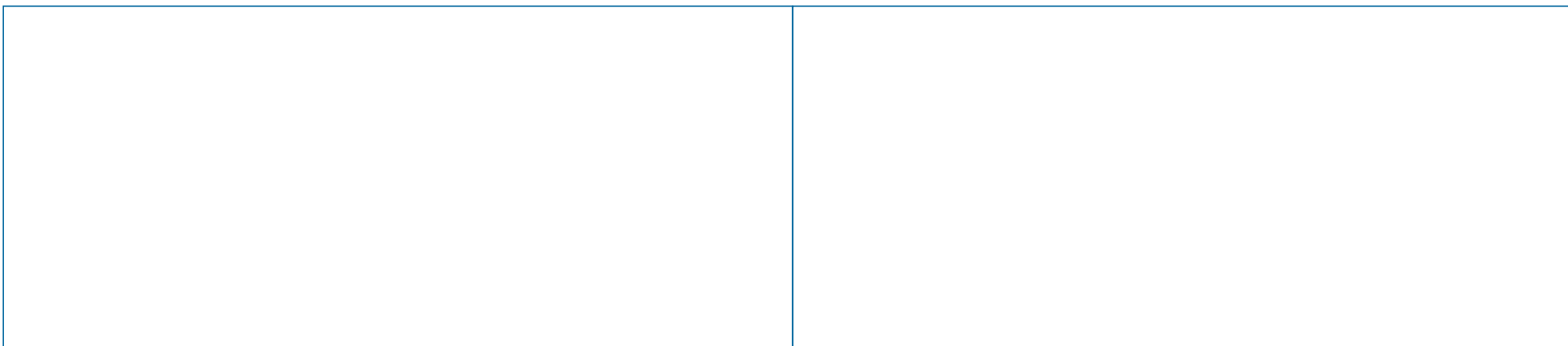
[[BACK TO MENU](#)]

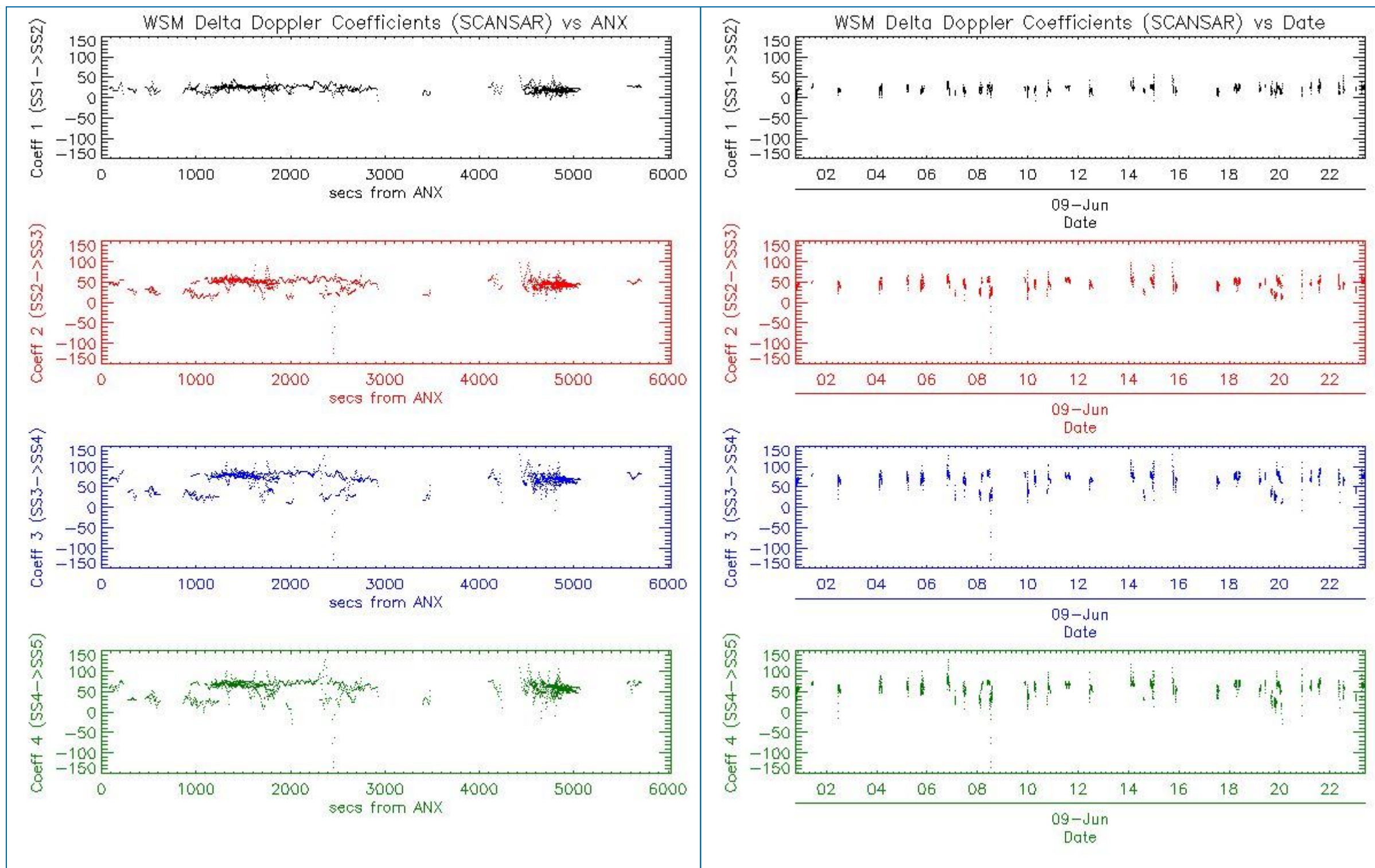




5.3 - Doppler JUMPS Analysis for WSM

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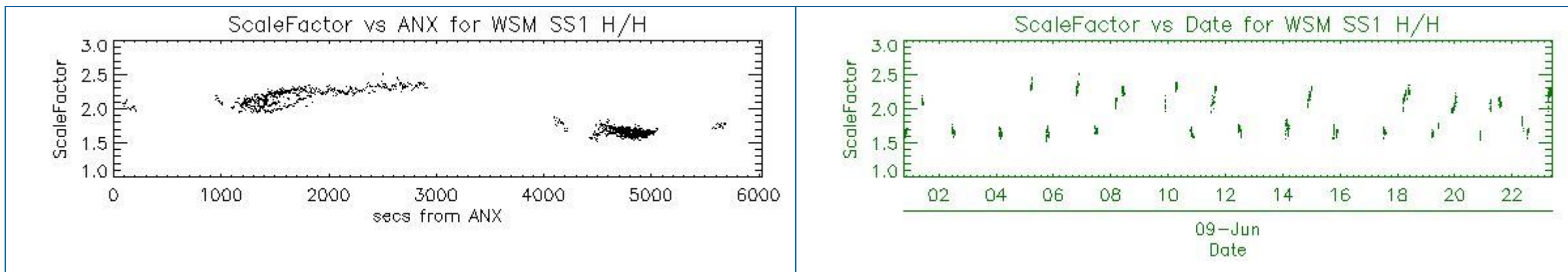
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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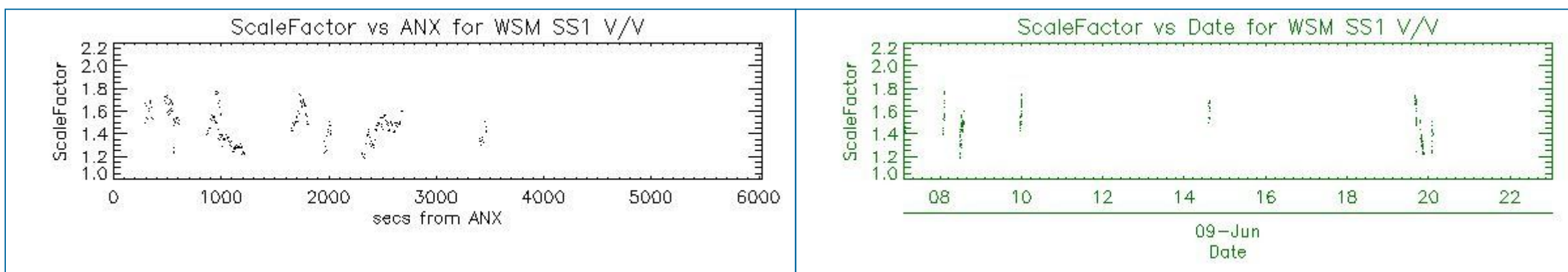




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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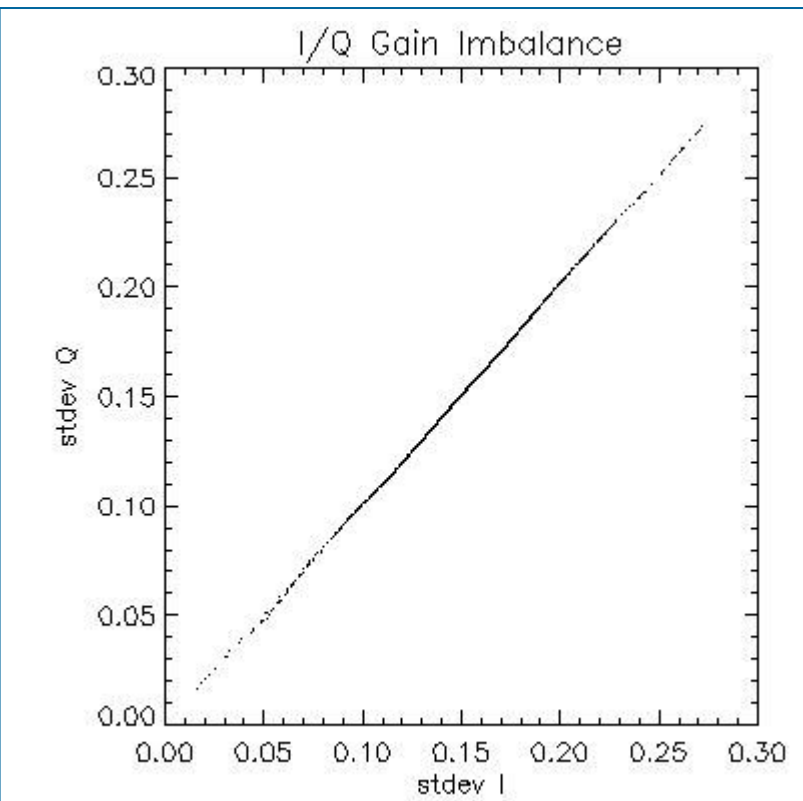
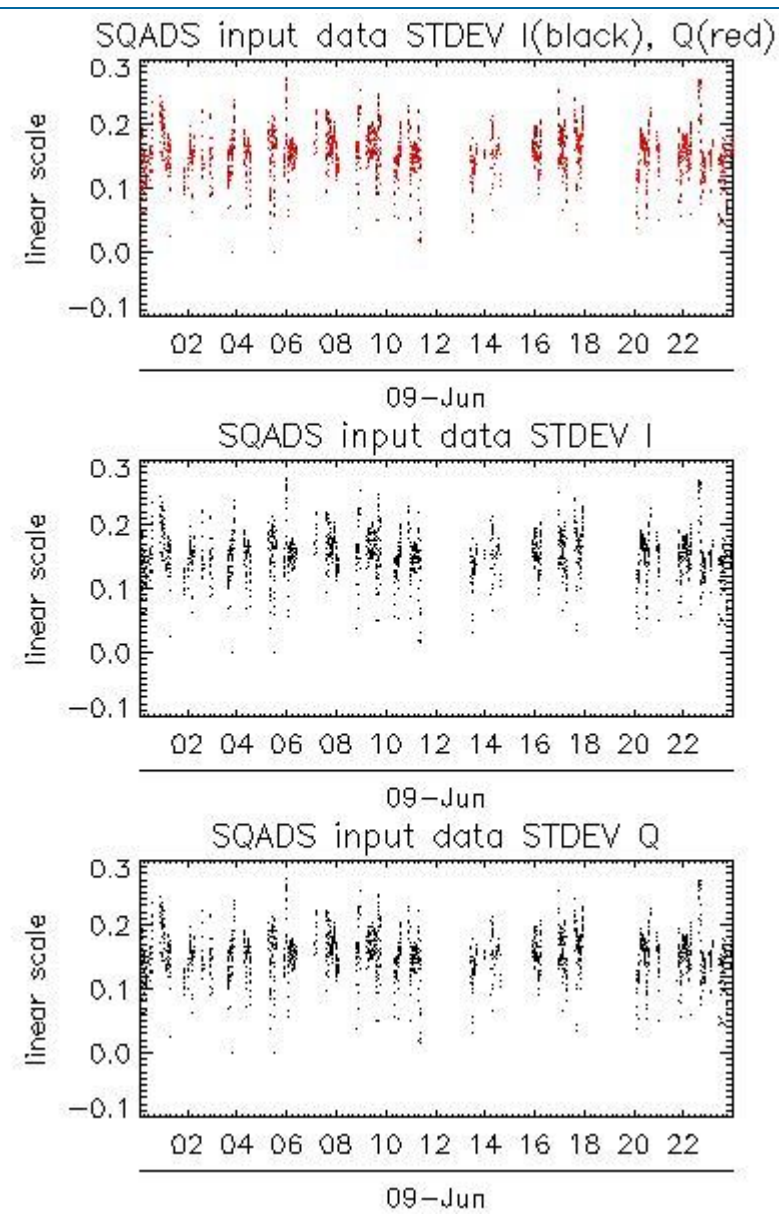
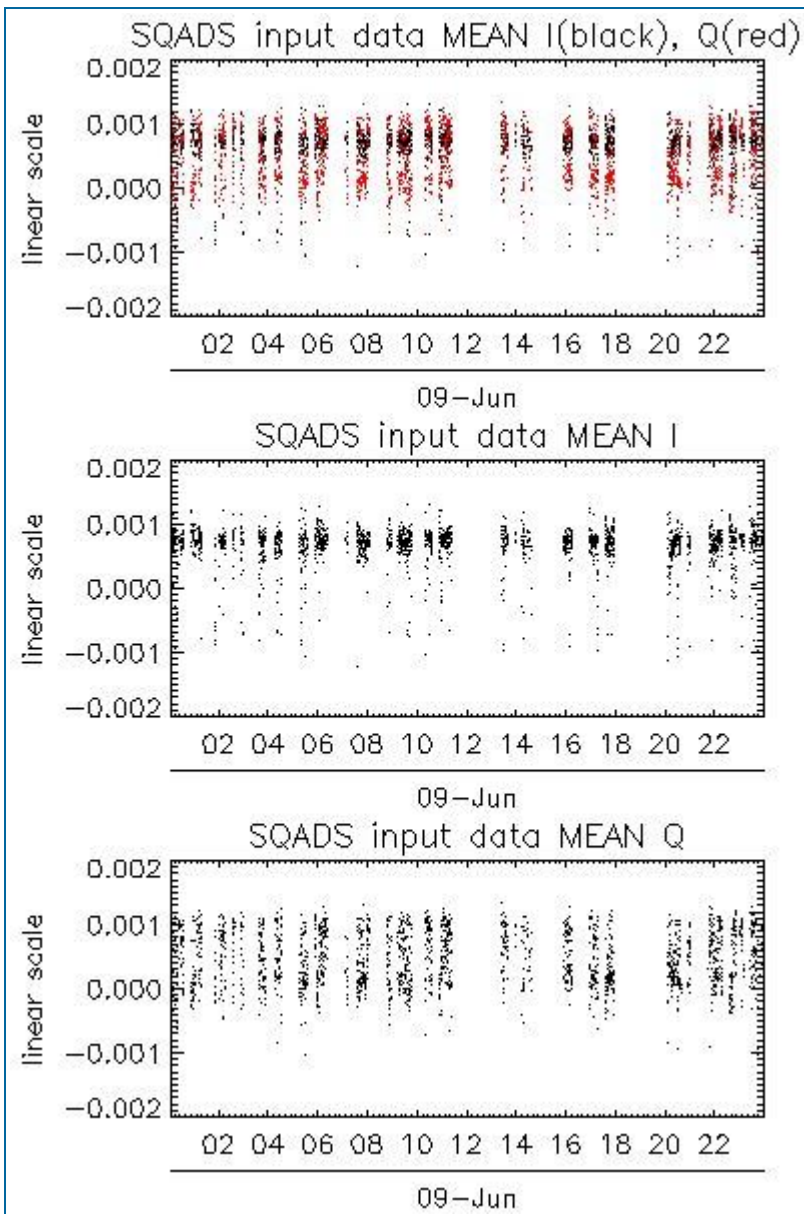


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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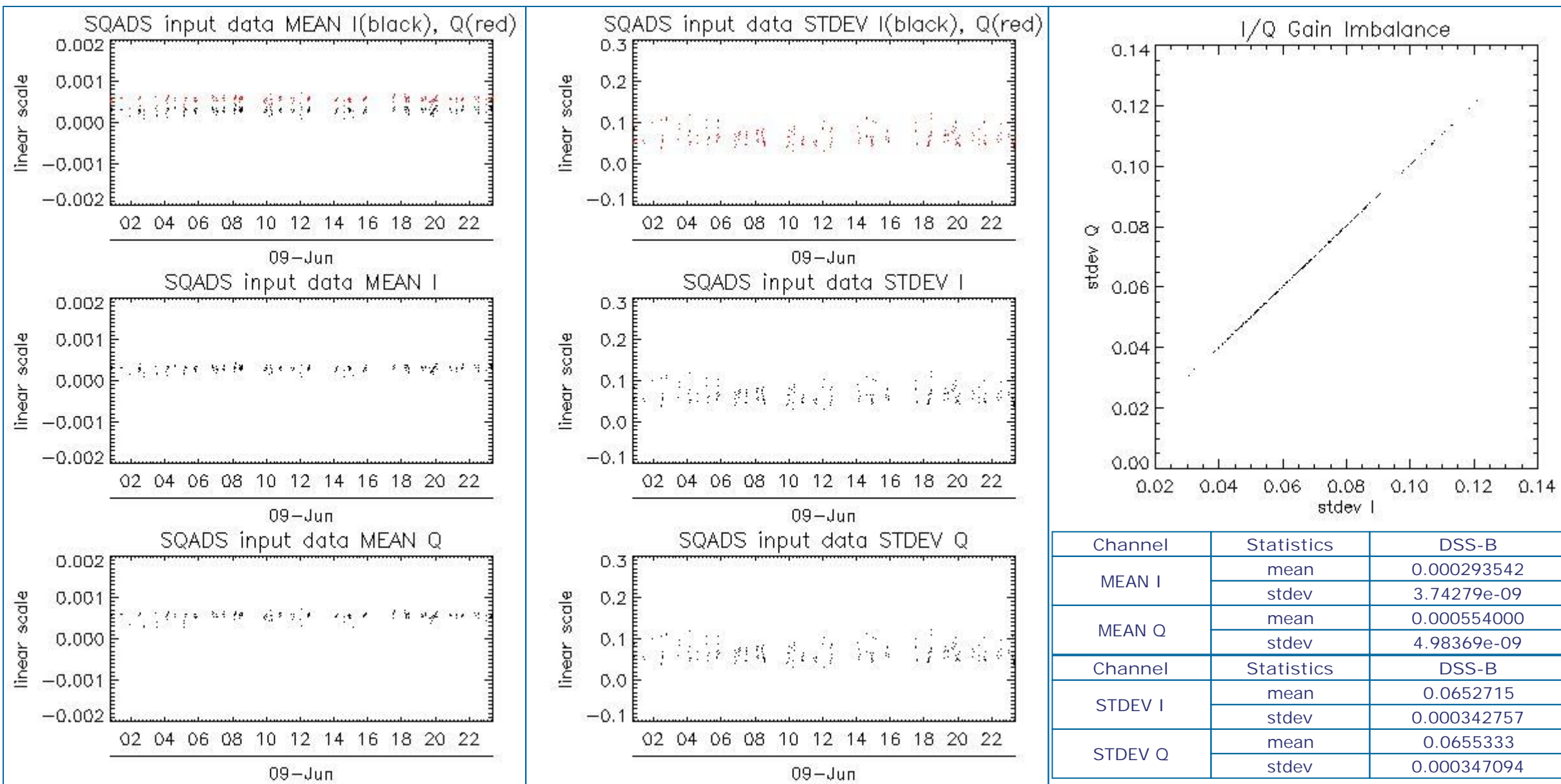


Channel	Statistics	DSS-B
MEAN I	mean	0.000649627
	stdev	1.14328e-07
MEAN Q	mean	0.000481806
	stdev	1.84606e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.153759
	stdev	0.00130249
STDEV Q	mean	0.154352
	stdev	0.00133259

7.2 - Analysis for IMM

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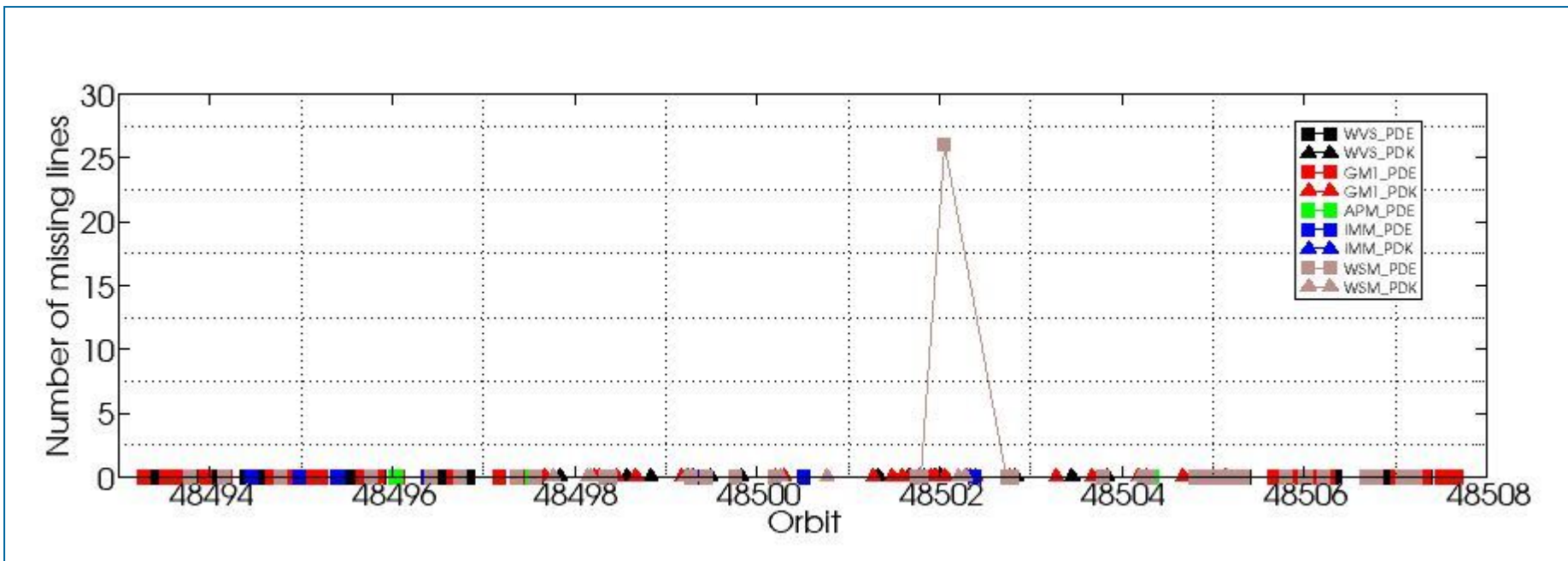
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20110609_143611_000000923103_00212_48502_8421.N1	0	26

8.1 - Number of Missing lines

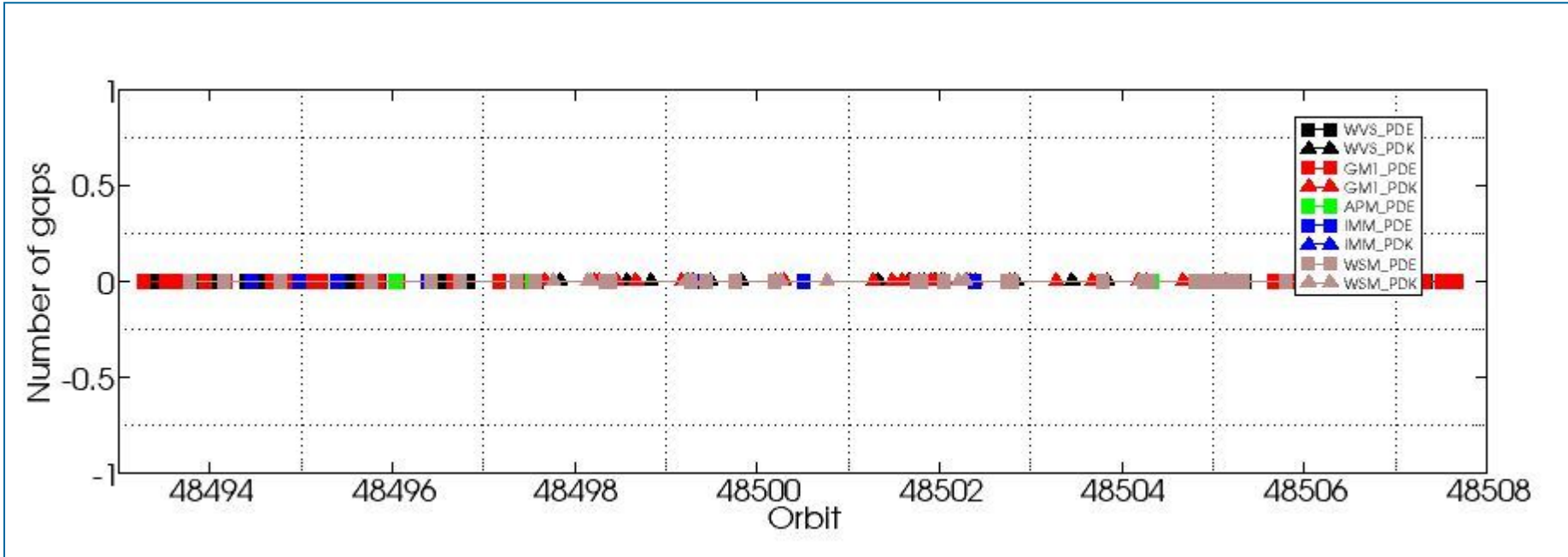
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 110609
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2011-06-09 00:00:00

Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110609/

DATA SUMMARY

Summary will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110609/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_110609/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_110609/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110609/AUXILIARY

Creating directory ./RESULTS/DAILY/_110609/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20110609*current_3_IECF_ADFs.txt
 Found list 20110609_030001_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_AXVIEC20110526_075734_20101027_215740_20141231_000000

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20110609_000506_000008693103_00203_48493_8245.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_002213_000000593103_00203_48493_8247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_002912_000003903103_00203_48493_8249.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_002912_000003903103_00203_48493_8250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_005401_000003153103_00203_48493_8251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_005831_000002843103_00203_48493_8270.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_010855_000006143103_00203_48493_8276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_014957_000001643103_00204_48494_8300.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_020223_000008103103_00204_48494_8298.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_023342_000002553103_00204_48494_8284.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_023342_000002553103_00204_48494_8294.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_025253_000003443103_00205_48495_8278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_025253_000003443103_00205_48495_8288.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_033608_000007643103_00205_48495_8277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_033608_000007643103_00205_48495_8287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_034822_000002703103_00205_48495_8318.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_041551_000010343103_00205_48495_8321.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_051559_000009143103_00206_48496_8324.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_053043_000000753103_00206_48496_8335.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_053424_000001203103_00206_48496_8336.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_055300_000017393103_00206_48496_8347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_070824_000001643103_00207_48497_8346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_200614_000019343103_00215_48505_8436.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_205506_000004053103_00215_48505_8454.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_214539_000019793103_00216_48506_8461.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_223539_000003303103_00216_48506_8462.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_224024_000007343103_00216_48506_8474.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_230221_000004203103_00217_48507_8477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_232604_000010043103_00217_48507_8480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_234551_000000743103_00217_48507_8483.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110609_235342_000003153103_00217_48507_8485.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_073314_000018593103_00207_48497_7343.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_084650_000006003103_00208_48498_7376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_091337_000020093103_00208_48498_7395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_101943_000010343103_00209_48499_7433.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_105342_000018443103_00209_48499_7437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_132440_000008393103_00211_48501_7501.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_135645_000000453103_00211_48501_7504.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_141410_000004053103_00211_48501_7505.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_142610_000000743103_00211_48501_7507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_143321_000001343103_00212_48502_7511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_155447_000012893103_00212_48502_7650.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_165648_000012743103_00213_48503_7560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110609_173526_000013493103_00213_48503_7562.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...


```
ASA_GM1_1PNPDK20110609_150143_000000843103_00212_48502_7523.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_150549_000001633103_00212_48502_7524.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_151052_000000663103_00212_48502_7525.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_154832_000001573103_00212_48502_7528.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_163948_000010213103_00213_48503_7559.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_171845_000006893103_00213_48503_7561.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_171845_000006893103_00213_48503_7619.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_180908_000001503103_00214_48504_7591.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_181926_000001573103_00214_48504_7592.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_185859_000007553103_00214_48504_7596.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_193119_000005133103_00214_48504_7598.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110609_194524_000001323103_00215_48505_7600.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20110609_032844_000000563103_00205_48495_8266.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110609_043349_000001173103_00206_48496_8315.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110609_070239_000000733103_00207_48497_8334.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110609_182556_000000423103_00214_48504_8429.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20110609_015447_000000513103_00204_48494_8269.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_024654_000000793103_00204_48494_8272.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_032954_000000763103_00205_48495_8267.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_050749_000001843103_00206_48496_8316.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_101007_000000383103_00209_48499_8389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_120217_000001783103_00210_48500_8409.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110609_150949_000000523103_00212_48502_8423.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110609_100129_000000373103_00209_48499_7398.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_110609/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20110609_004639_000004343103_00203_48493_8243.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_012518_000000923103_00204_48494_8268.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_022710_000003923103_00204_48494_8273.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_040559_000003923103_00205_48495_8314.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_051150_000002513103_00206_48496_8317.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_054430_000004533103_00206_48496_8332.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_064701_000003493103_00207_48497_8333.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_070654_000000923103_00207_48497_8337.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_082336_000002753103_00208_48498_8371.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_082857_000003923103_00208_48498_8372.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_095812_000001773103_00209_48499_8387.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_101510_000002693103_00209_48499_8390.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_104701_000003923103_00209_48499_8410.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_113019_000000923103_00210_48500_8411.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_140545_000001533103_00211_48501_8419.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_141055_000001353103_00211_48501_8420.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_143611_000000923103_00212_48502_8421.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

ASA_WSM_1PNPDE20110609_154515_000001903103_00212_48502_8424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_155115_000002143103_00212_48502_8418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_173014_000003123103_00213_48503_8425.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_181527_000002393103_00214_48504_8426.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_182210_000002143103_00214_48504_8428.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_191134_000002143103_00214_48504_8427.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_192437_000001533103_00214_48504_8430.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_193957_000001593103_00215_48505_8433.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_195319_000006003103_00215_48505_8445.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_200443_000000923103_00215_48505_8446.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_205214_000001533103_00215_48505_8434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_211343_000001533103_00216_48506_8457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_213235_000003303103_00216_48506_8468.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_222037_000001533103_00216_48506_8466.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_223115_000002513103_00216_48506_8453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_230051_000000923103_00217_48507_8473.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110609_231505_000005443103_00217_48507_8493.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_072656_000003303103_00207_48497_7353.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_080457_000001533103_00208_48498_7354.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_080840_000002083103_00208_48498_7355.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_095232_000001533103_00209_48499_7388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_095938_000000923103_00209_48499_7385.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_113553_000002513103_00210_48500_7448.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_122643_000004533103_00210_48500_7484.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_145131_000004283103_00212_48502_7521.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_150007_000000923103_00212_48502_7519.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_181143_000002513103_00214_48504_7570.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110609_194744_000003063103_00215_48505_7607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_110609/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_110609/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_110609/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1

Test product: ASA_MS__0PNPDK20110608_143459_000000163103_00197_48487_0616.N1

H

H

../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/TGH_20110608_143459-20010209_135042.png

../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/TPH_20110608_143459-20010209_135042.png

../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/RGH_20110608_143459-20010209_135042.png

../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/RPH_20110608_143459-20010209_135042.png

Polarization: V

Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1

Test product: ASA_MS__0PNPDK20110609_153829_000000163103_00212_48502_0619.N1

V

V


```
../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/TGV_20110609_153829-20010209_140823.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/TPV_20110609_153829-20010209_140823.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/RGV_20110609_153829-20010209_140823.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/SECOND_REFERENCE/RPV_20110609_153829-20010209_140823.png
```

```
*****  
*****
```

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20110607_151144_000000163103_00183_48473_0614.N1

Test product: ASA_MS_0PNPDK20110608_143459_000000163103_00197_48487_0616.N1

H
H

```
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20110608_143459-20110607_151144.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20110608_143459-20110607_151144.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20110608_143459-20110607_151144.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20110608_143459-20110607_151144.png
```

Polarization: V

Reference product: ASA_MS_0PNPDK20110609_135815_000000163103_00211_48501_0618.N1

Test product: ASA_MS_0PNPDK20110609_153829_000000163103_00212_48502_0619.N1

V
V

```
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20110609_153829-20110609_135815.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20110609_153829-20110609_135815.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20110609_153829-20110609_135815.png  
../../RESULTS/DAILY/_110609/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20110609_153829-20110609_135815.png
```

MODULE_STEPPING ANALYSIS completed

```
#####
```

CALIBRATION PULSES ANALYSIS

```
#####
```

Creating directory ./RESULTS/DAILY/_110609/CALIBRATION_PULSES...

```
*****  
*****
```

ALL ROWS Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

```
*****  
*****
```

TEMPORAL EVOLUTION Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-06-09_1.dat...

Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-06-09_2.dat...

Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-06-09_3.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-06-09_4.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_110609//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 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-06-09_1.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-06-09_2.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-06-09_3.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-09 00:00:00 to 2011-06-09 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_110609/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-06-09_4.dat...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_110609//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_110609/DOPPLER...

DOPPLER ANX Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DOPPLER/Doppler_data_WVS_IS2_VV_2011-06-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110609/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DOPPLER/Doppler_data_GM1_SS1_HH_2011-06-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110609/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...



DOPPLER JUMPS Analysis will be performed on WSM products from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/DOPPLER/Doppler_Jumps_data_WSM_2011-06-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110609/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_110609/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 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 = -80.534974 Hz
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -76.501983 Hz
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_110609//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 = -49.573515 Hz
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -59.659585 Hz
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_110609//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_110609/CHIRP...

CHIRP Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-06-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110609/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_110609/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-06-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_110609/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_110609/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110609/RAW_DATA

Creating directory ./RESULTS/DAILY/_110609/RAW_DATA...

Getting raw data for WVS from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/RAW_DATA/Raw_data_WVS_2011-06-09.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2011-06-09 00:00:00 to 2011-06-09 23:59:59...
Writing file ./RESULTS/DAILY/_110609/RAW_DATA/Raw_data_IMM_2011-06-09.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110609/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

Analysis will be performed from 2011-06-09 00:00:00 to 2011-06-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110609/TELEMETRY

Creating directory ./RESULTS/DAILY/_110609/TELEMETRY...

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

Checking 31 products from PDE...
Checking 13 products from PDK...

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

Checking 45 products from PDE...
Checking 31 products from PDK...

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

Checking 4 products from PDE...
No products from PDK...

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

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

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

Checking 34 products from PDE...
Found product...ASA_WSM_1PNPDE20110609_143611_00000923103_00212_48502_8421.N1 / 0 gaps / 26 missing lines
Checking 11 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_110609/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_110609/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_110609/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_1PNPDE20110609_032844_000000563103_00205_48495_8266.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110609_043349_000001173103_00206_48496_8315.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110609_070239_000000733103_00207_48497_8334.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110609_182556_000000423103_00214_48504_8429.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_1PNPDE20110609_002023_000001023103_00203_48493_8244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_002401_000003083103_00203_48493_8248.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_003627_000006103103_00203_48493_8252.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_010403_000002893103_00203_48493_8271.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_012653_000013843103_00204_48494_8301.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_015547_000003923103_00204_48494_8299.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_021639_000006283103_00204_48494_8297.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_023841_000008843103_00204_48494_8286.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_023841_000008843103_00204_48494_8296.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_024016_000003983103_00204_48494_8285.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_024016_000003983103_00204_48494_8295.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_024821_000002713103_00204_48494_8283.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_024821_000002713103_00204_48494_8293.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_025915_000001503103_00205_48495_8282.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_025915_000001503103_00205_48495_8292.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_030252_000004473103_00205_48495_8281.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_030252_000004473103_00205_48495_8291.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_031121_000010453103_00205_48495_8280.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_031121_000010453103_00205_48495_8290.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_033119_000002893103_00205_48495_8279.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_033119_000002893103_00205_48495_8289.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_035655_000005433103_00205_48495_8319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_041354_000001083103_00205_48495_8320.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_043607_000019033103_00206_48496_8323.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_053707_000004413103_00206_48496_8338.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_062652_000012083103_00207_48497_8350.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_065252_000005133103_00207_48497_8349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_070414_000000903103_00207_48497_8348.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_200322_000000723103_00215_48505_8435.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_203913_000007793103_00215_48505_8437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_210232_000006713103_00215_48505_8459.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_211621_000003683103_00216_48506_8458.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_212451_000000963103_00216_48506_8456.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_213010_000001383103_00216_48506_8455.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_213811_000004473103_00216_48506_8460.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_222315_000004773103_00216_48506_8463.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_225322_000004043103_00217_48507_8475.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_231231_000001503103_00217_48507_8478.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_232414_000001023103_00217_48507_8479.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_234323_000001443103_00217_48507_8481.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_234751_000002473103_00217_48507_8482.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_235206_000000903103_00217_48507_8484.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_235940_000006893103_00217_48507_8487.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110609_235940_000006893103_00217_48507_8488.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_071722_000005673103_00207_48497_7341.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_081213_000003983103_00208_48498_7342.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_081807_000003263103_00208_48498_7374.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_083535_000006713103_00208_48498_7375.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_085735_000009613103_00208_48498_7377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_085735_000009613103_00208_48498_7632.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_094754_000002773103_00209_48499_7378.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_095506_000001693103_00209_48499_7379.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_113156_000002353103_00210_48500_7438.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_114015_000001693103_00210_48500_7467.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_131731_000004283103_00211_48501_7499.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_133927_000006713103_00211_48501_7500.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_135043_000003623103_00211_48501_7503.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_135936_000003683103_00211_48501_7502.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_140818_000001503103_00211_48501_7506.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_142140_000002653103_00211_48501_7508.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_142813_000003083103_00211_48501_7509.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_143749_000008223103_00212_48502_7510.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_145843_000000783103_00212_48502_7522.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_150143_000000843103_00212_48502_7523.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20110609_150549_000001633103_00212_48502_7524.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_151052_000000663103_00212_48502_7525.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_154832_000001573103_00212_48502_7528.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_163948_000010213103_00213_48503_7559.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_171845_000006893103_00213_48503_7561.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_171845_000006893103_00213_48503_7619.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_180908_000001503103_00214_48504_7591.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_181926_000001573103_00214_48504_7592.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_185859_000007553103_00214_48504_7596.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_193119_000005133103_00214_48504_7598.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110609_194524_000001323103_00215_48505_7600.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_1PNPDE20110609_015447_000000513103_00204_48494_8269.N1				
ASA_IMM_1PNPDE20110609_024654_000000793103_00204_48494_8272.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110609_032954_000000763103_00205_48495_8267.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110609_050749_000001843103_00206_48496_8316.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110609_101007_000000383103_00209_48499_8389.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110609_120217_000001783103_00210_48500_8409.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110609_150949_000000523103_00212_48502_8423.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20110609_100129_000000373103_00209_48499_7398.N1	OK	OK	OK	OK

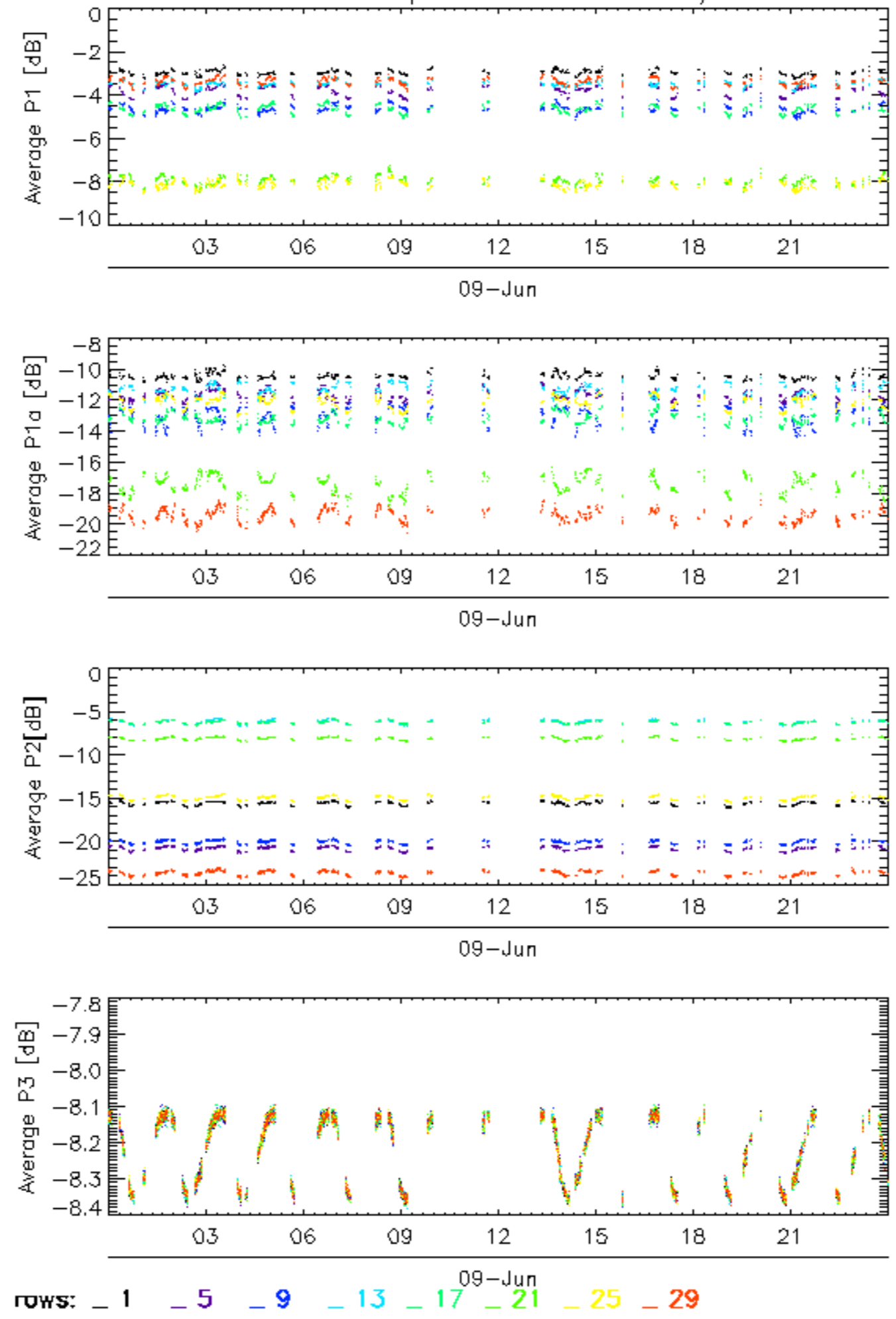
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110609_004639_000004343103_00203_48493_8243.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_012518_000000923103_00204_48494_8268.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_022710_000003923103_00204_48494_8273.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_040559_000003923103_00205_48495_8314.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_051150_000002513103_00206_48496_8317.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_054430_000004533103_00206_48496_8332.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_064701_000003493103_00207_48497_8333.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_070654_000000923103_00207_48497_8337.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_082336_000002753103_00208_48498_8371.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_082857_000003923103_00208_48498_8372.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20110609_173014_000003123103_00213_48503_8425.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_181527_000002393103_00214_48504_8426.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110609_182210_000002143103_00214_48504_8428.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20110609_192437_000001533103_00214_48504_8430.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20110609_222037_000001533103_00216_48506_8466.N1					OK	OK	OK	OK
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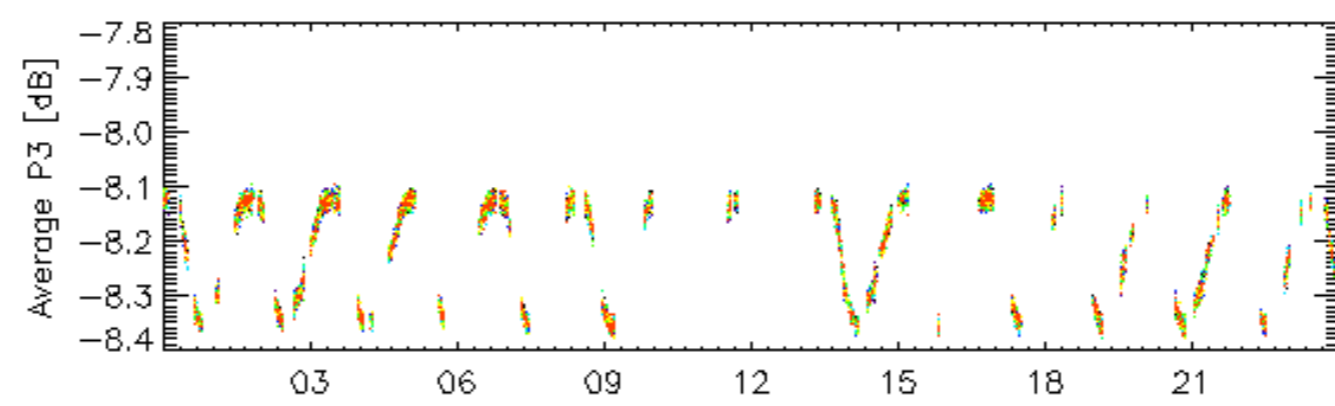
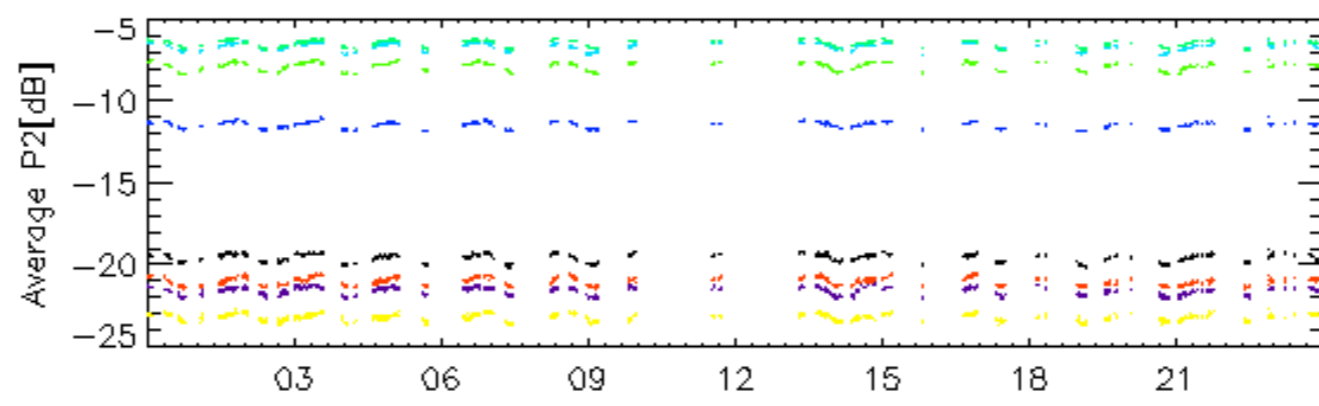
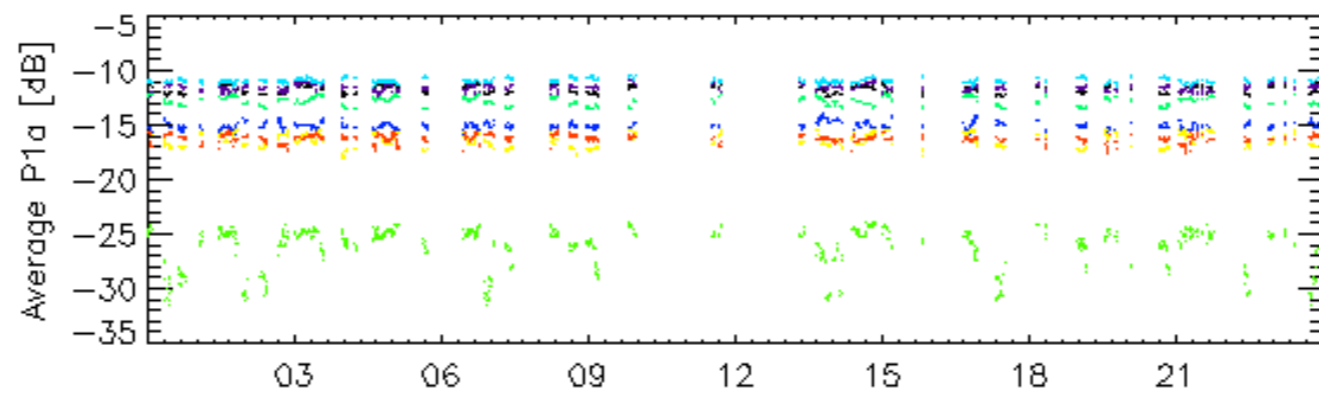
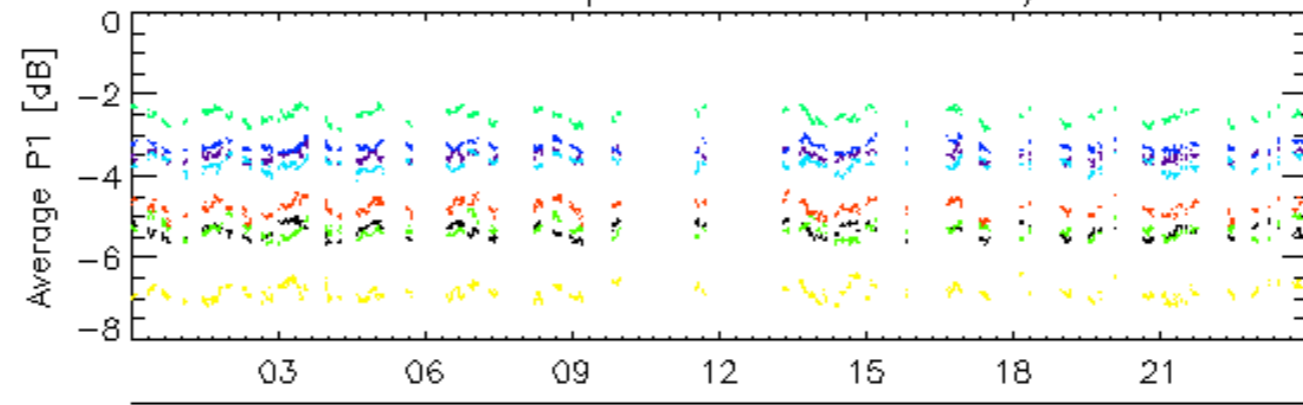
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20110609_002912_000003903103_00203_48493_8249.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_002912_000003903103_00203_48493_8250.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_005401_000003153103_00203_48493_8251.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_005831_000002843103_00203_48493_8270.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110609_014957_000001643103_00204_48494_8300.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_020223_000008103103_00204_48494_8298.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_023342_000002553103_00204_48494_8284.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110609_025253_000003443103_00205_48495_8278.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110609_034822_000002703103_00205_48495_8318.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_041551_000010343103_00205_48495_8321.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_051559_000009143103_00206_48496_8324.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_053043_000000753103_00206_48496_8335.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110609_200614_000019343103_00215_48505_8436.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_205506_000004053103_00215_48505_8454.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_214539_000019793103_00216_48506_8461.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110609_223539_000003303103_00216_48506_8462.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110609_235342_000003153103_00217_48507_8485.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110609_142610_000000743103_00211_48501_7507.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110609_143321_000001343103_00212_48502_7511.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110609_155447_000012893103_00212_48502_7650.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110609_165648_000012743103_00213_48503_7560.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

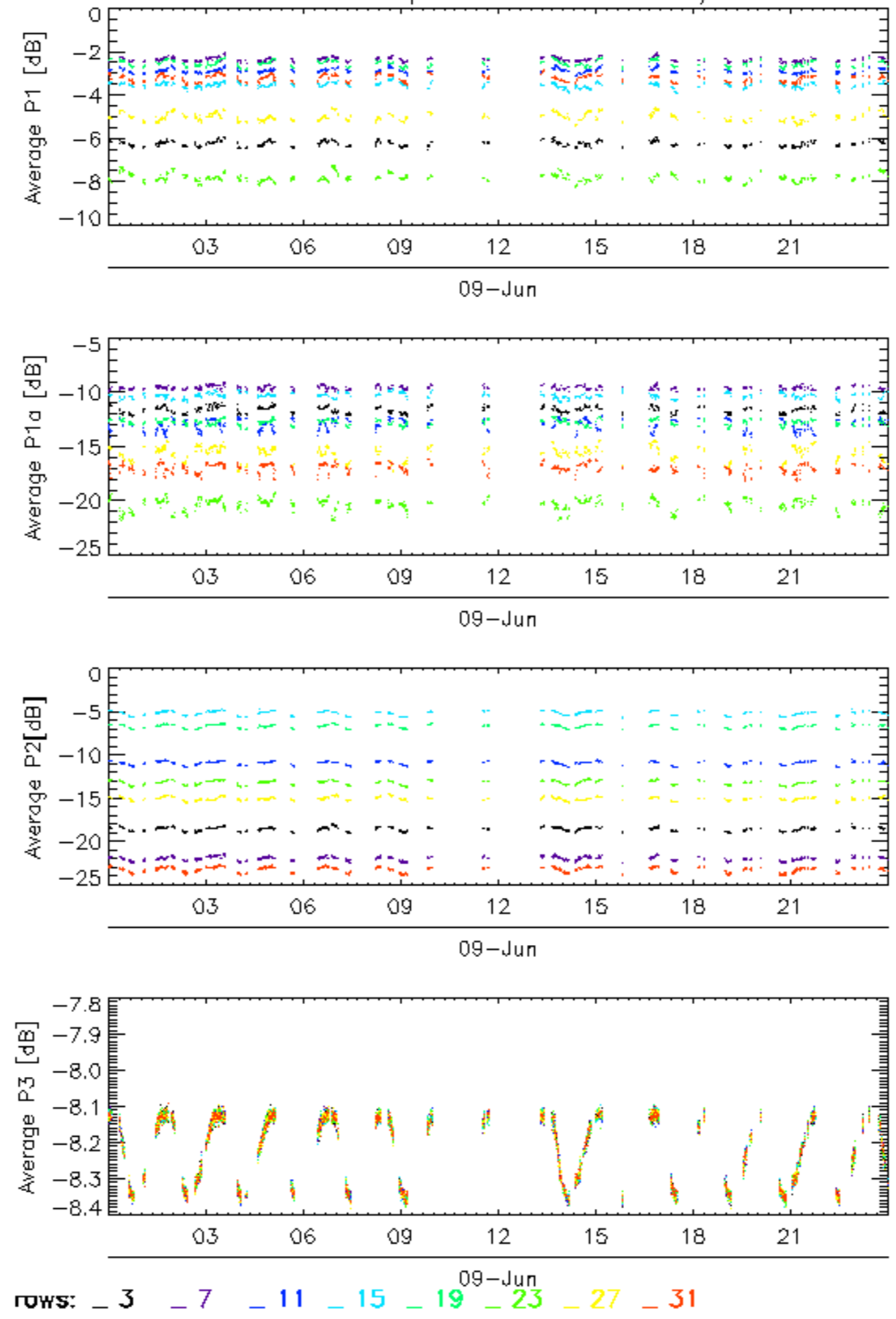


Calibration pulses for GM1 SS3 H/H

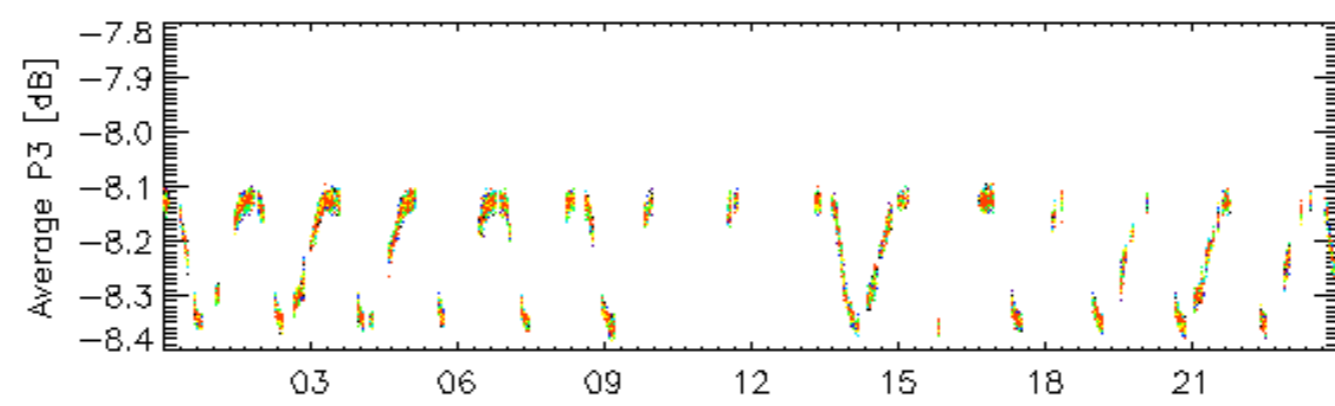
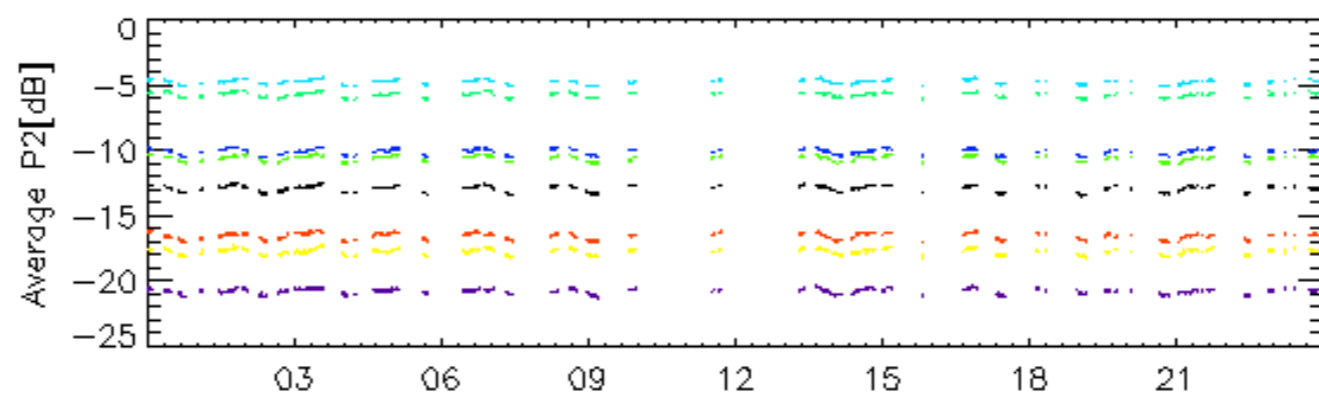
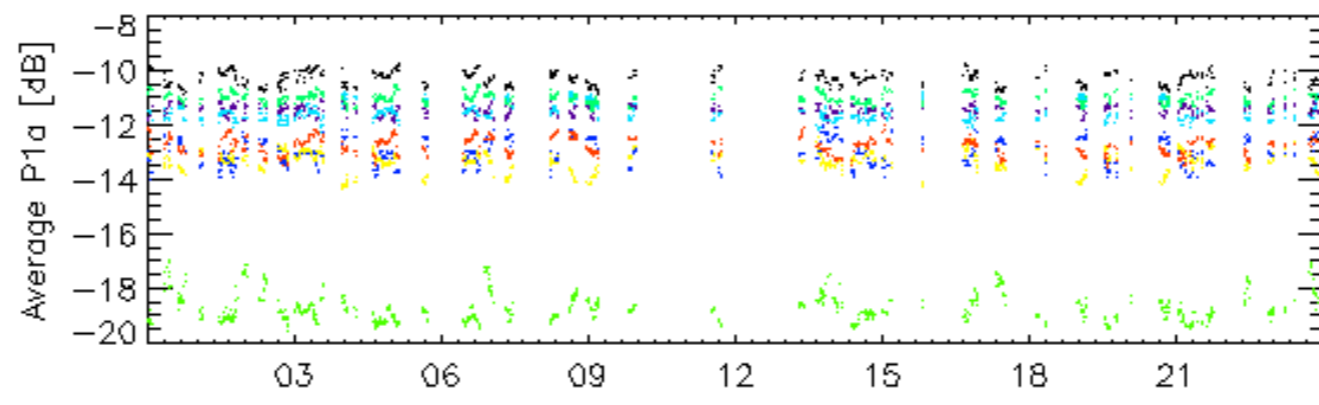
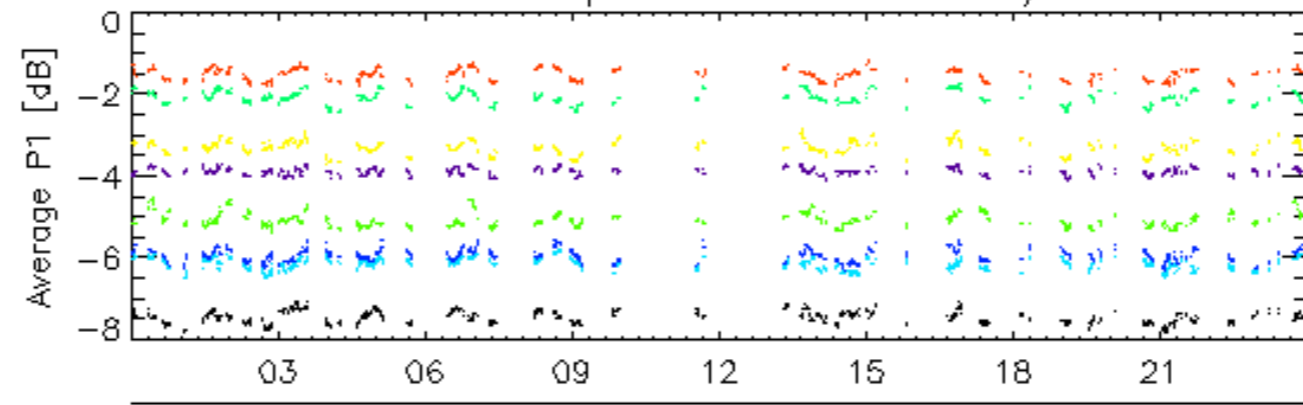


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Calibration pulses for GM1 SS3 H/H

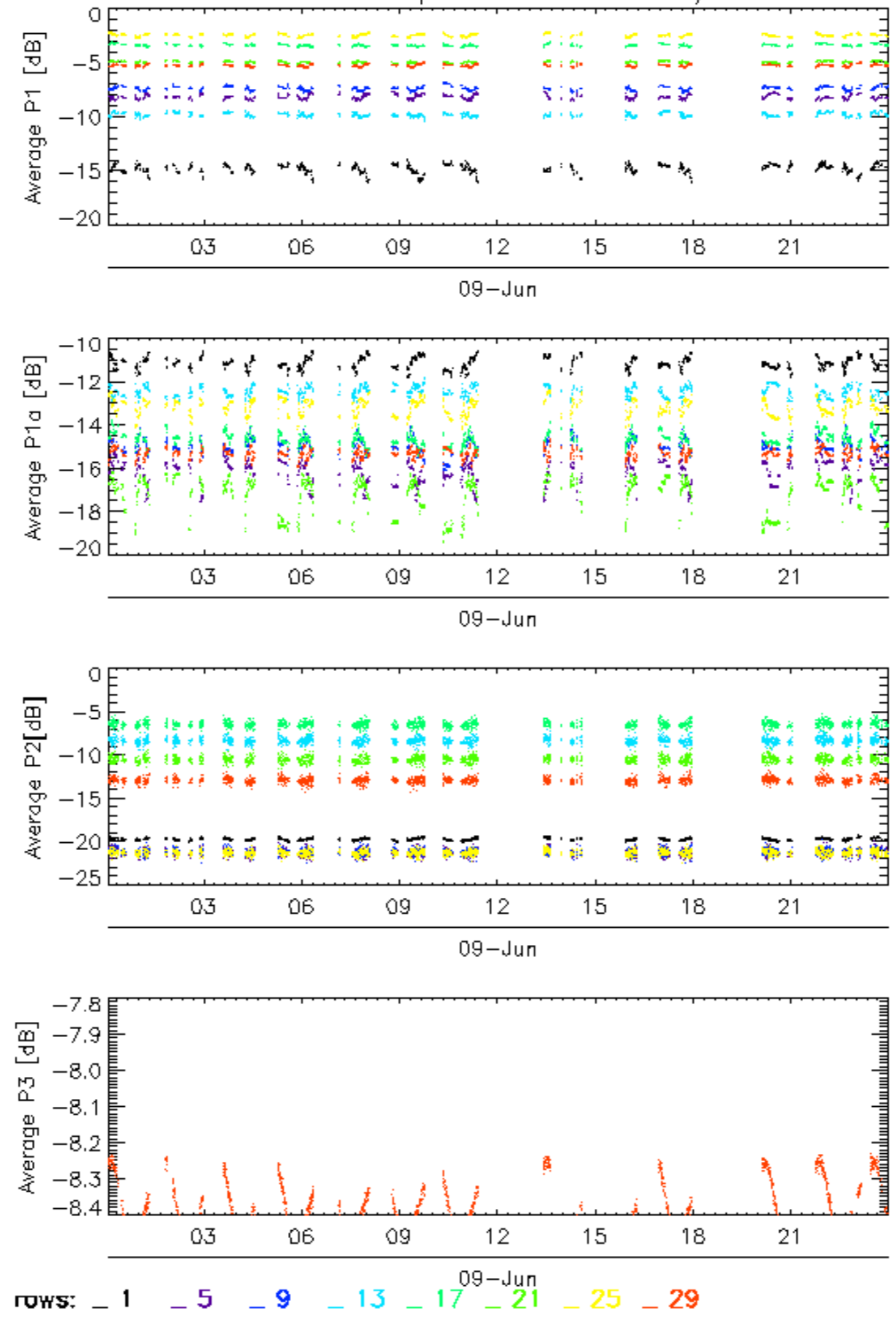


Calibration pulses for GM1 SS3 H/H

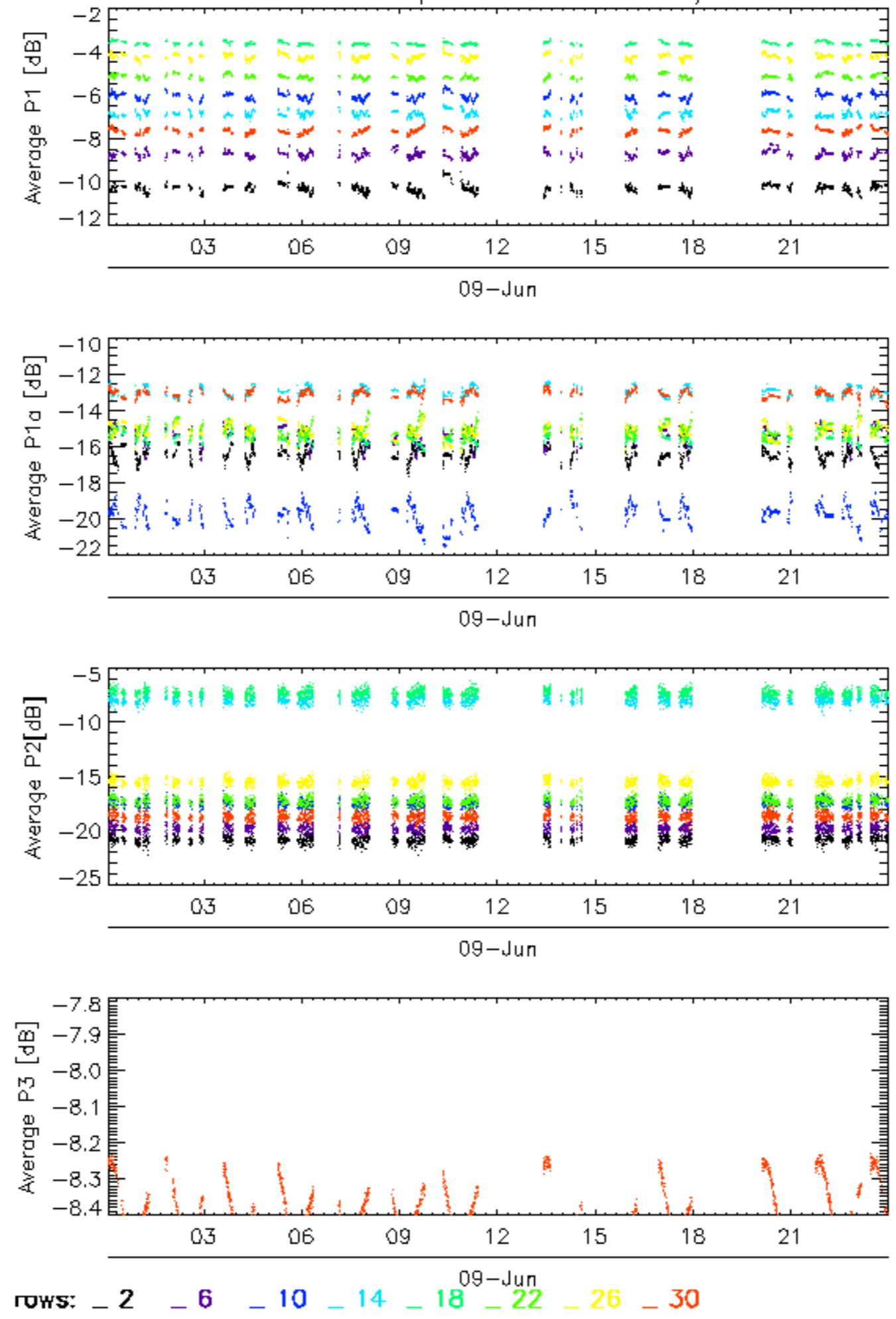


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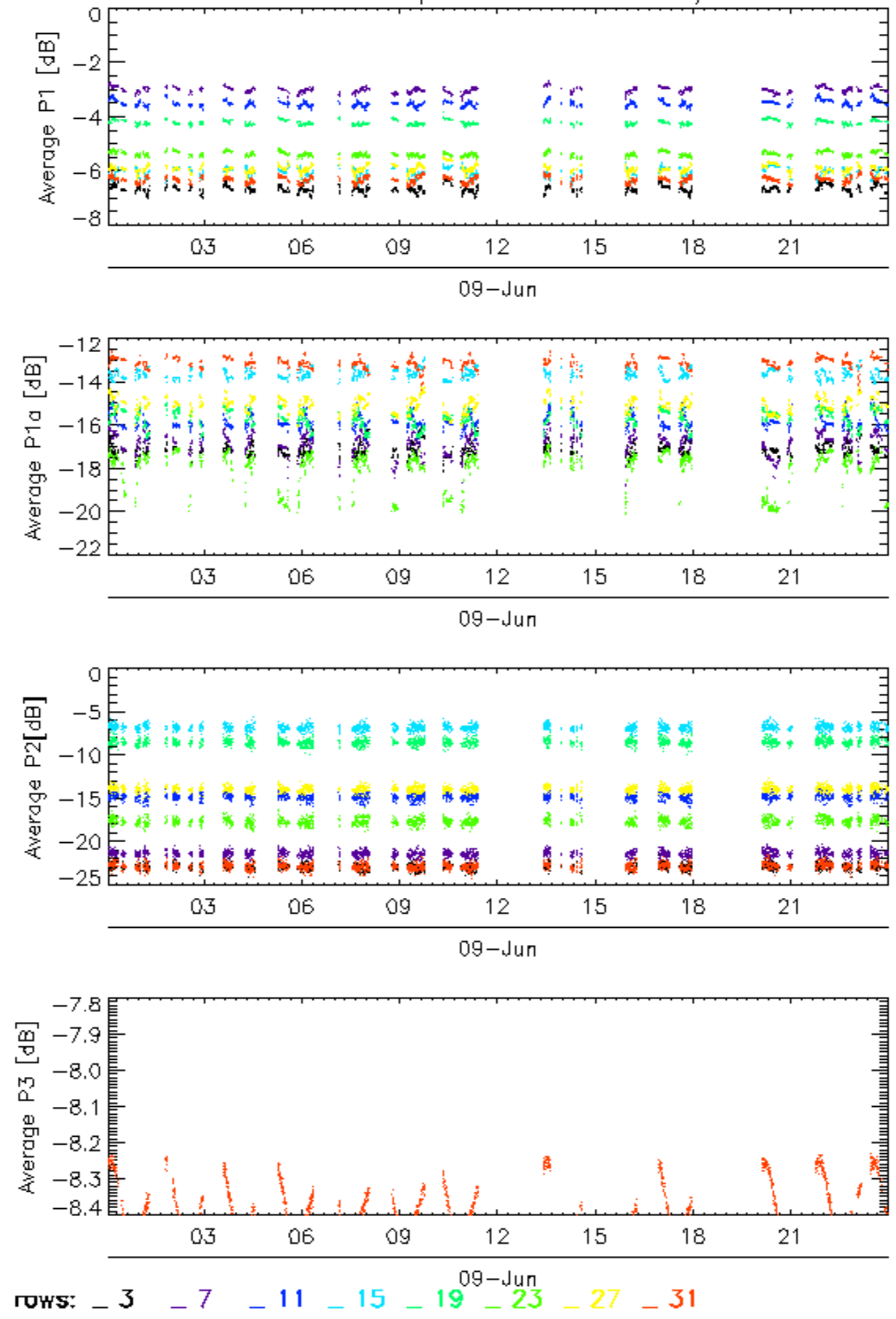
Calibration pulses for WVS IS2 V/V



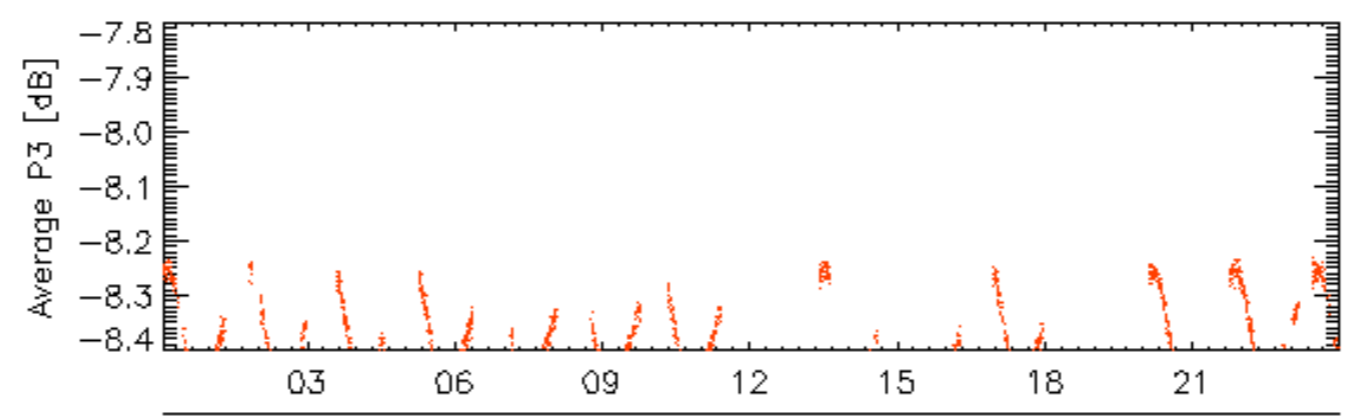
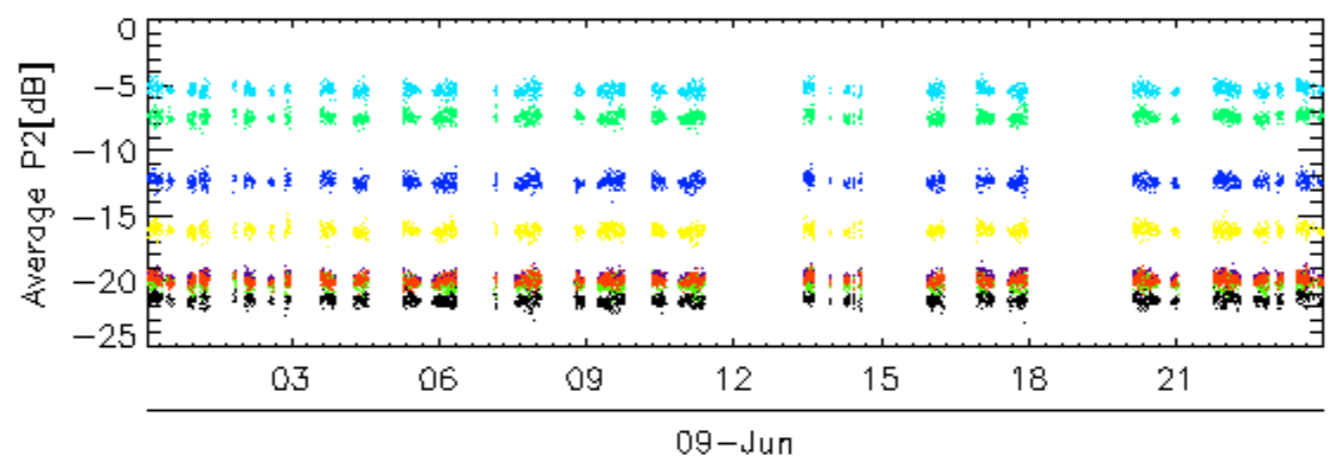
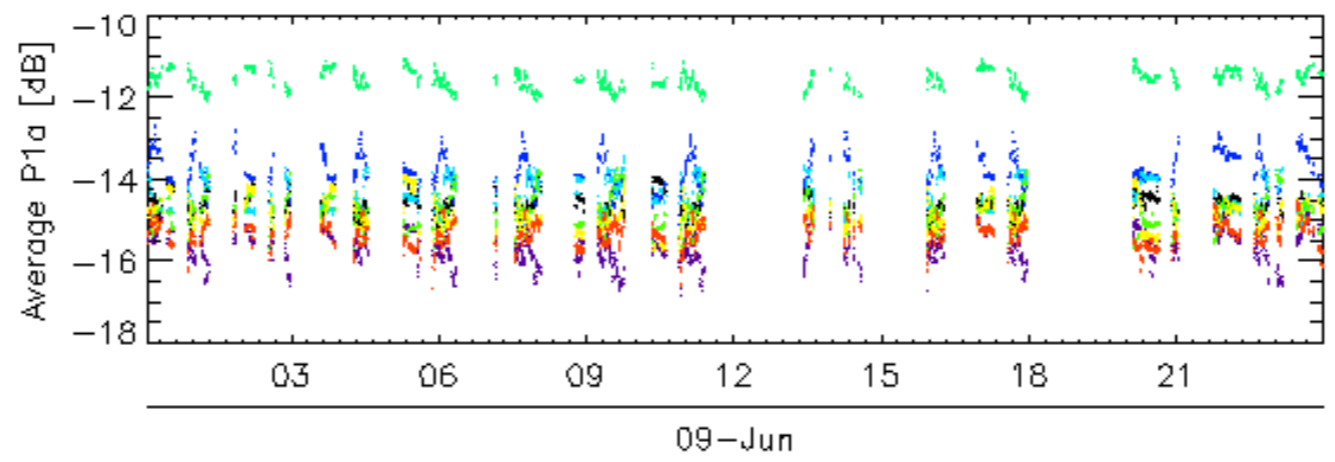
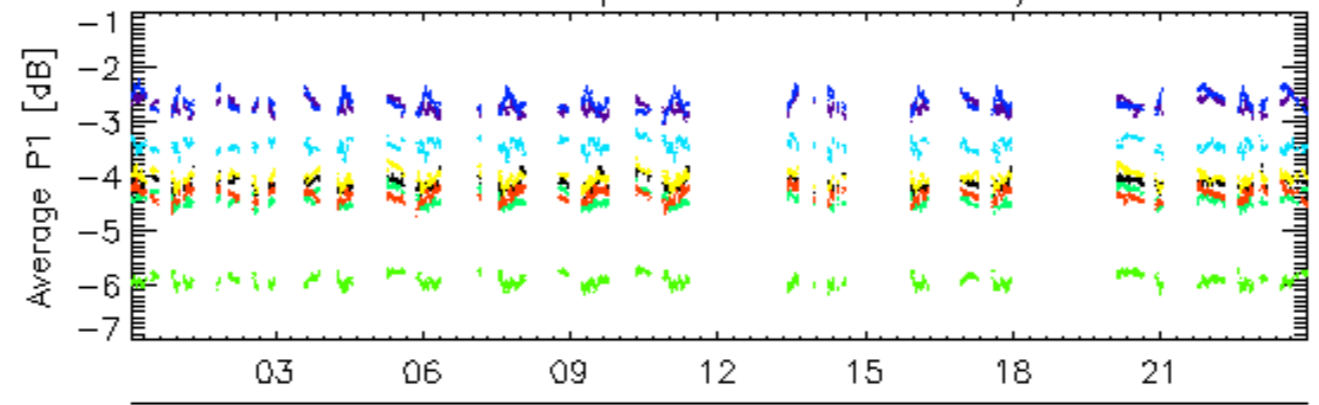
Calibration pulses for WVS IS2 V/V



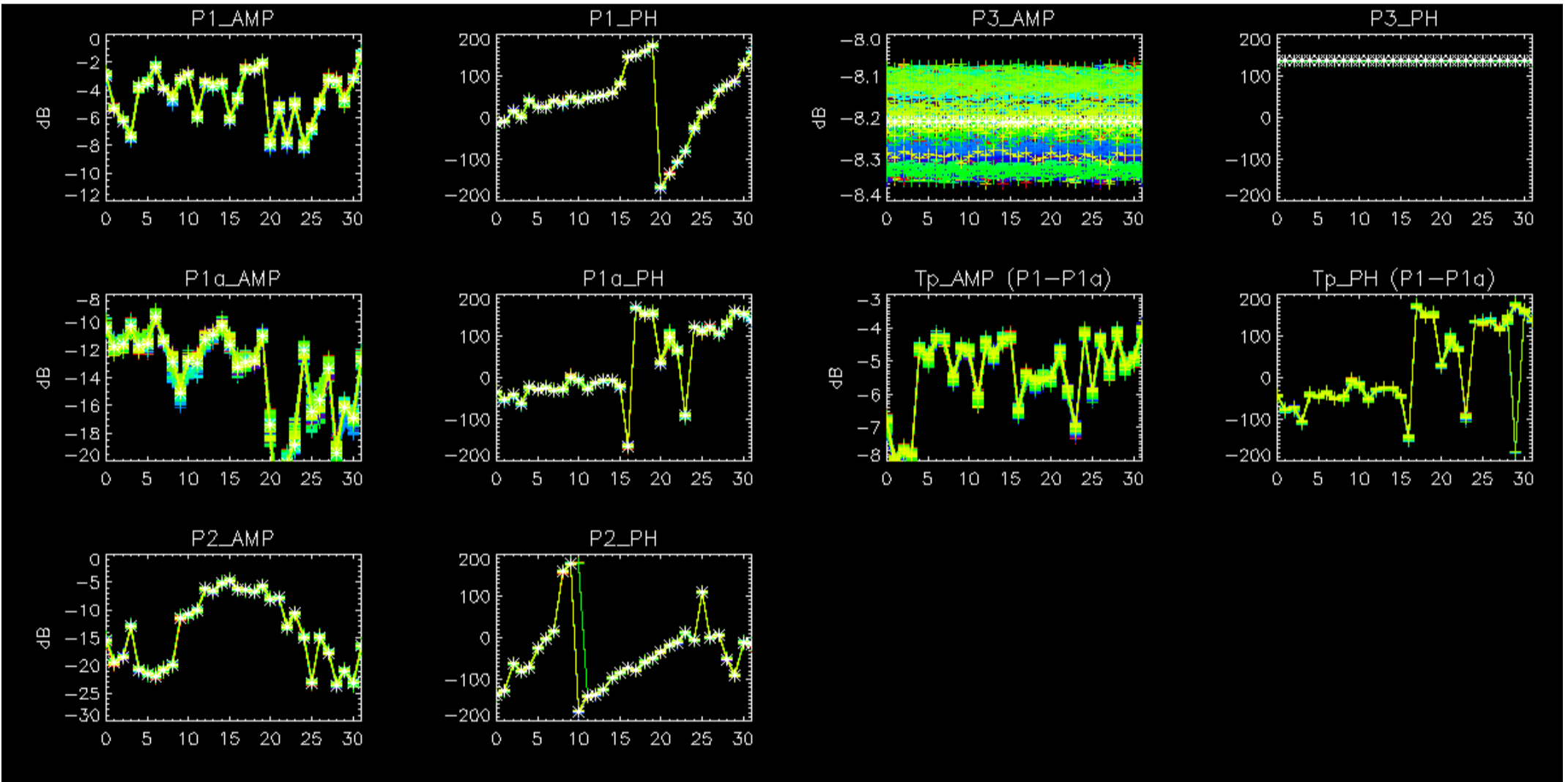
Calibration pulses for WVS IS2 V/V

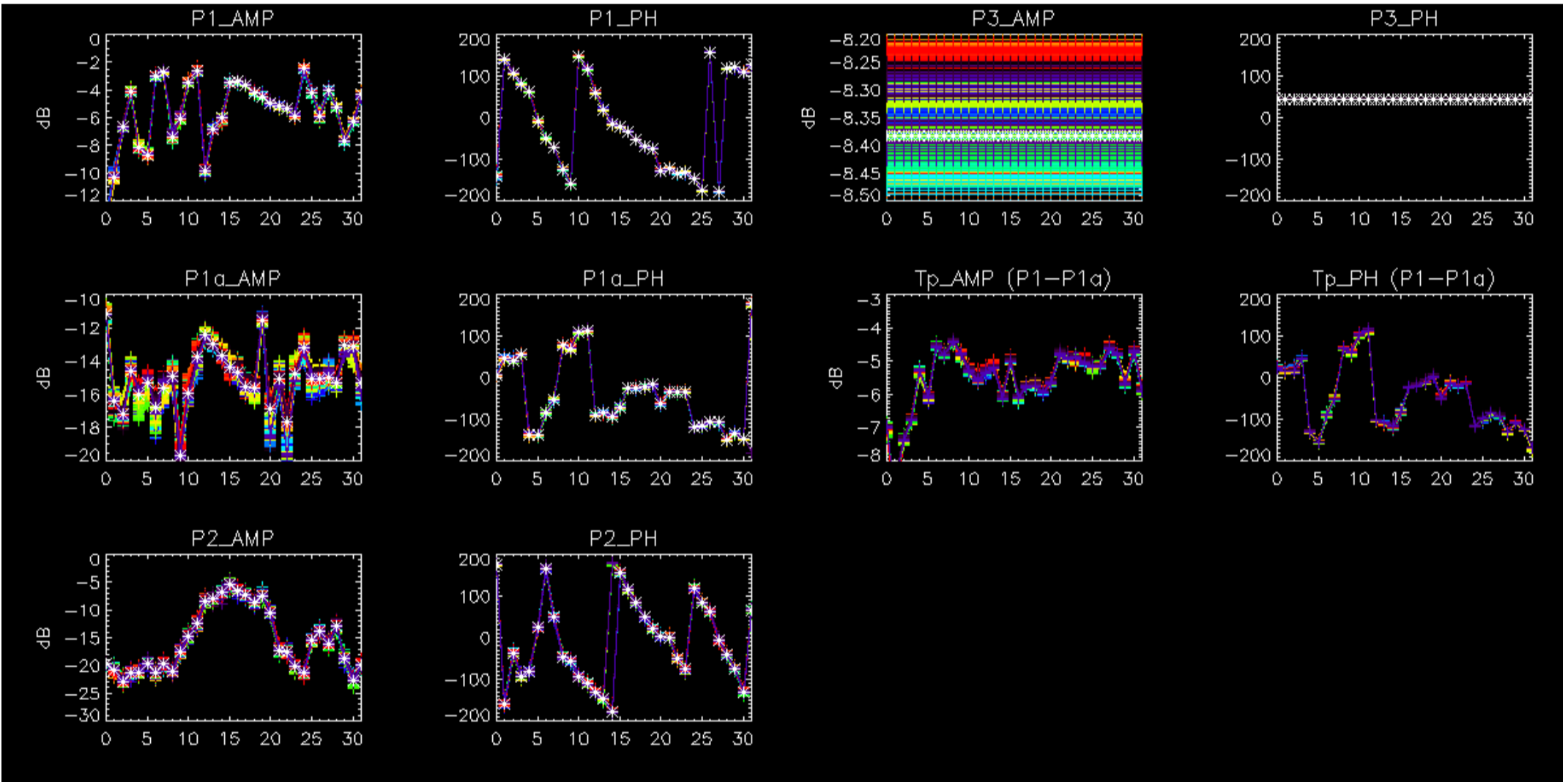


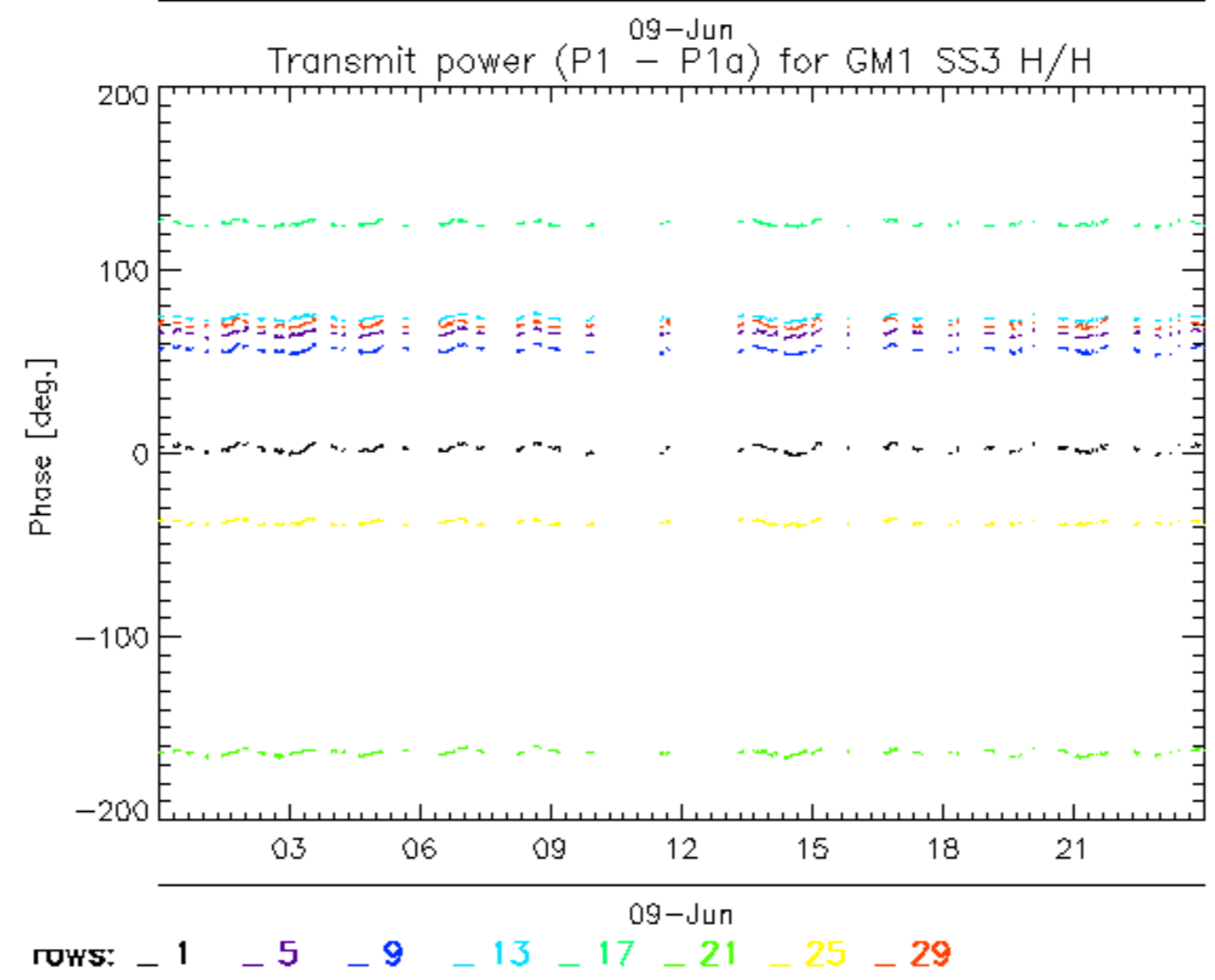
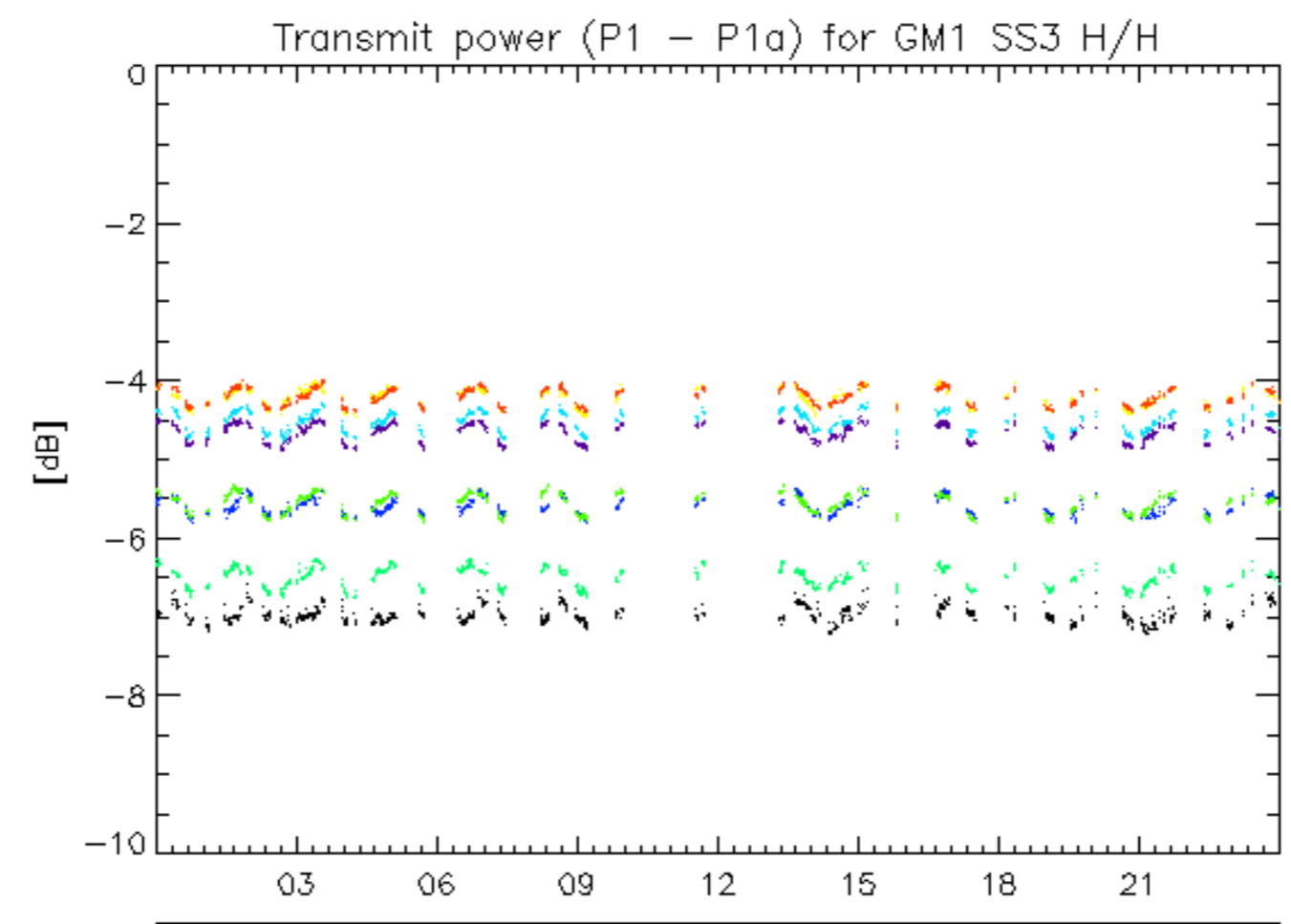
Calibration pulses for WVS IS2 V/V

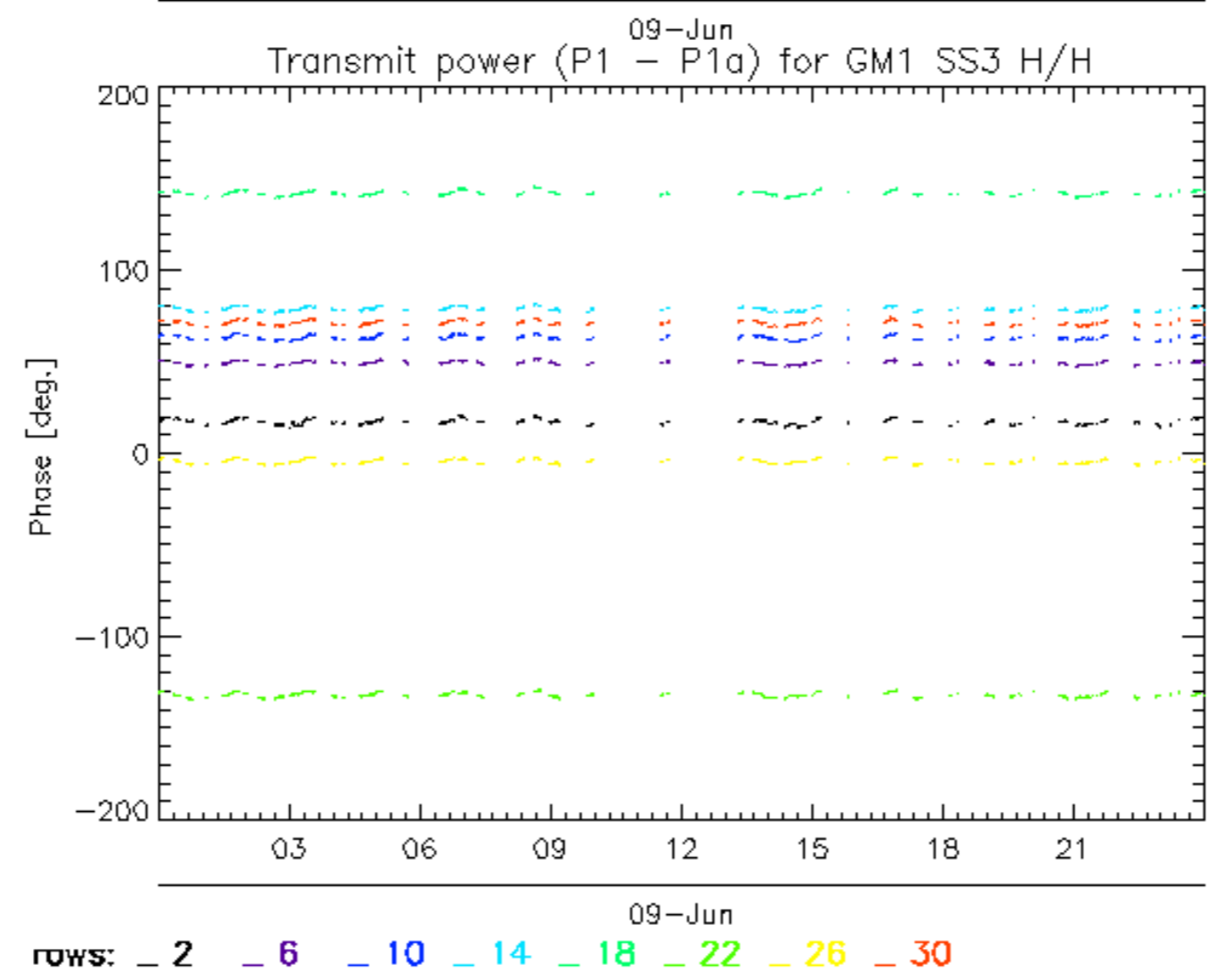
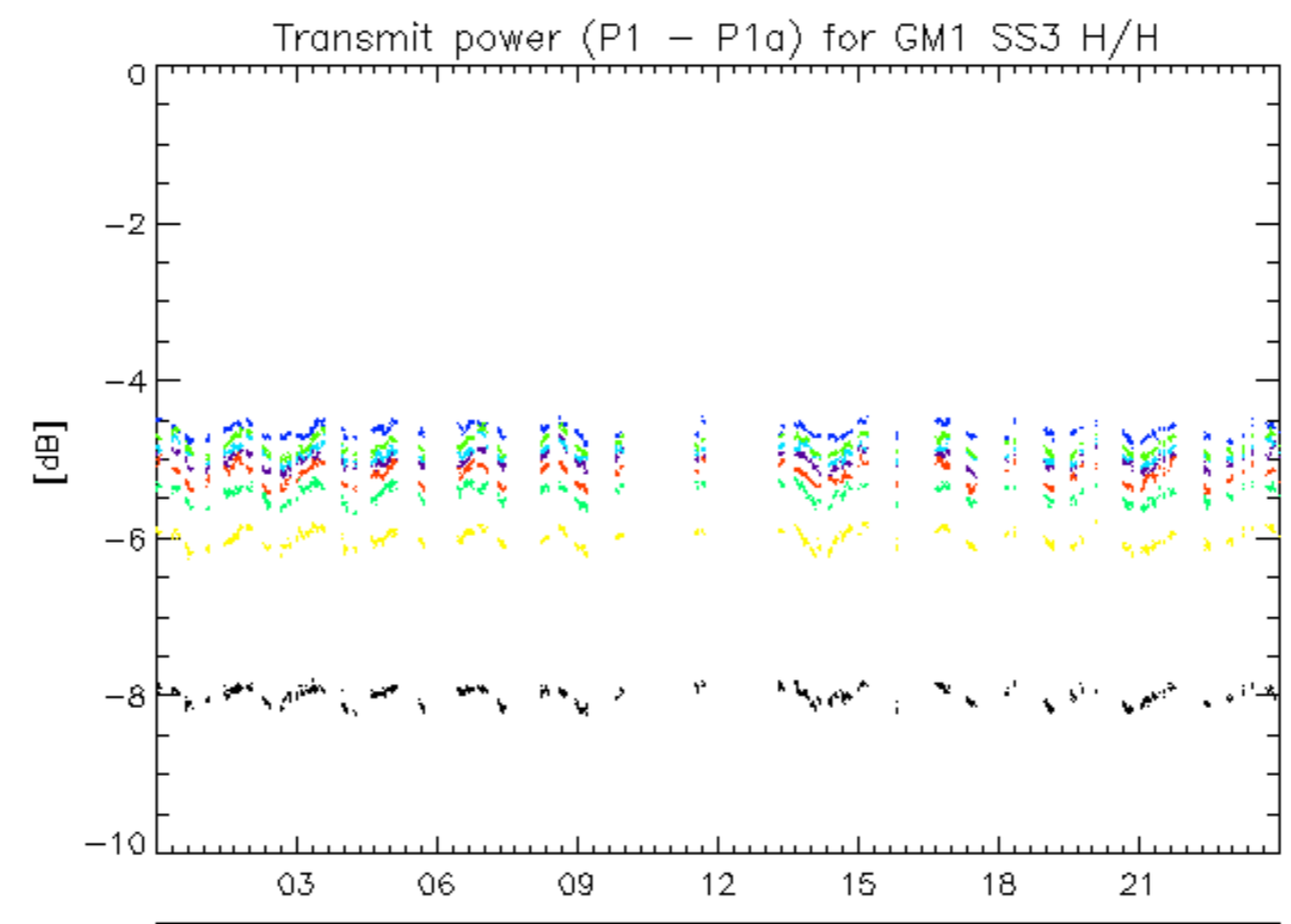


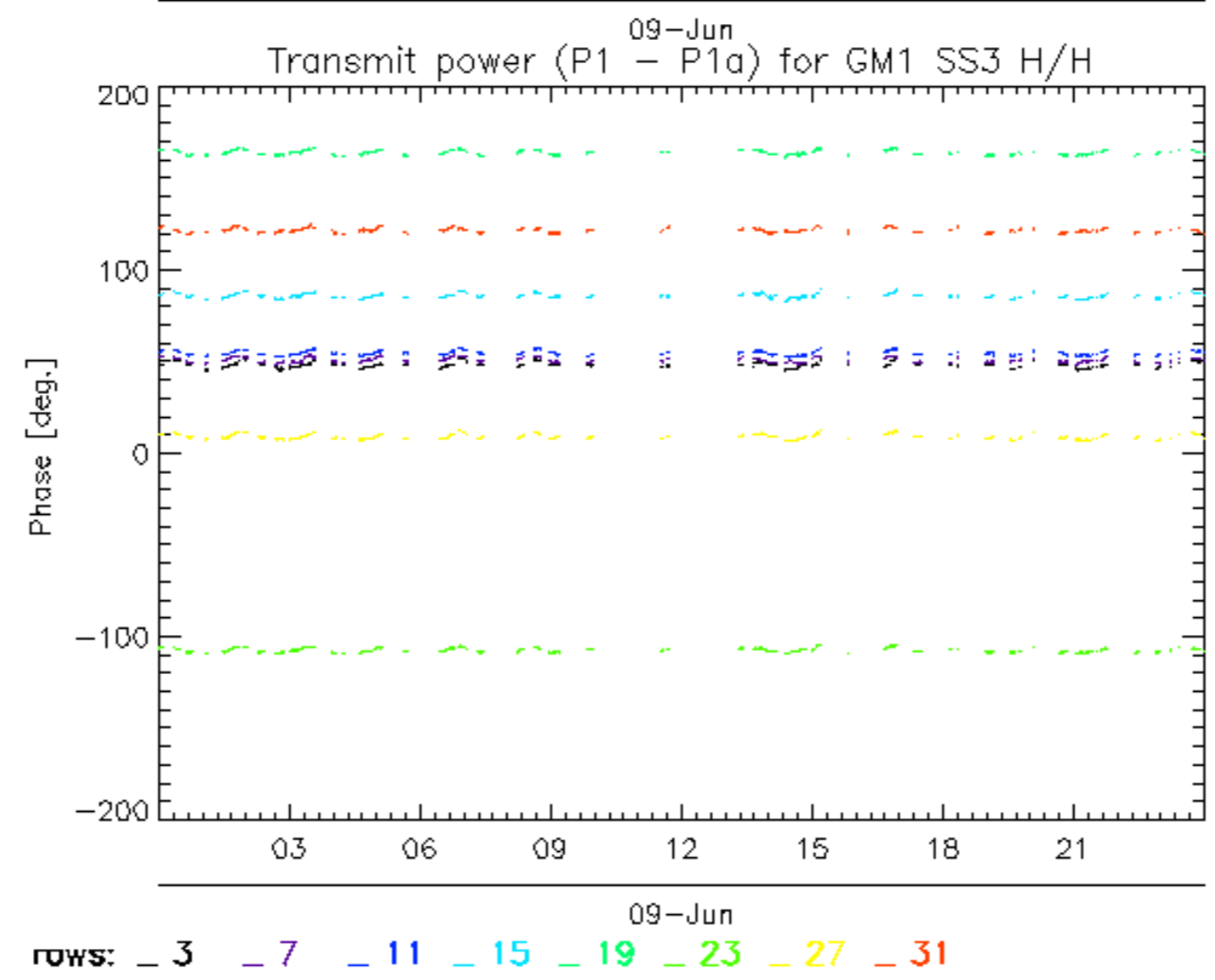
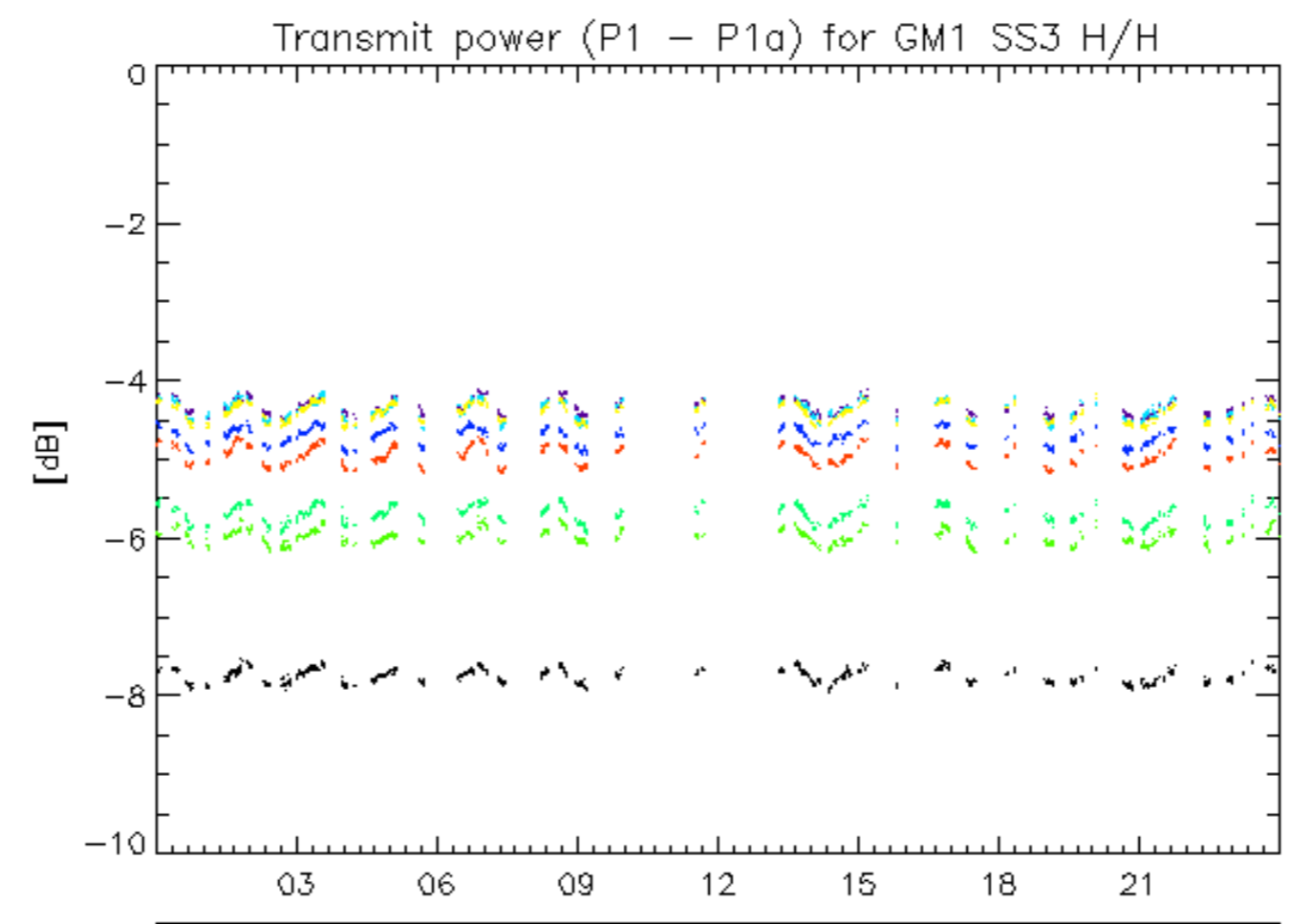
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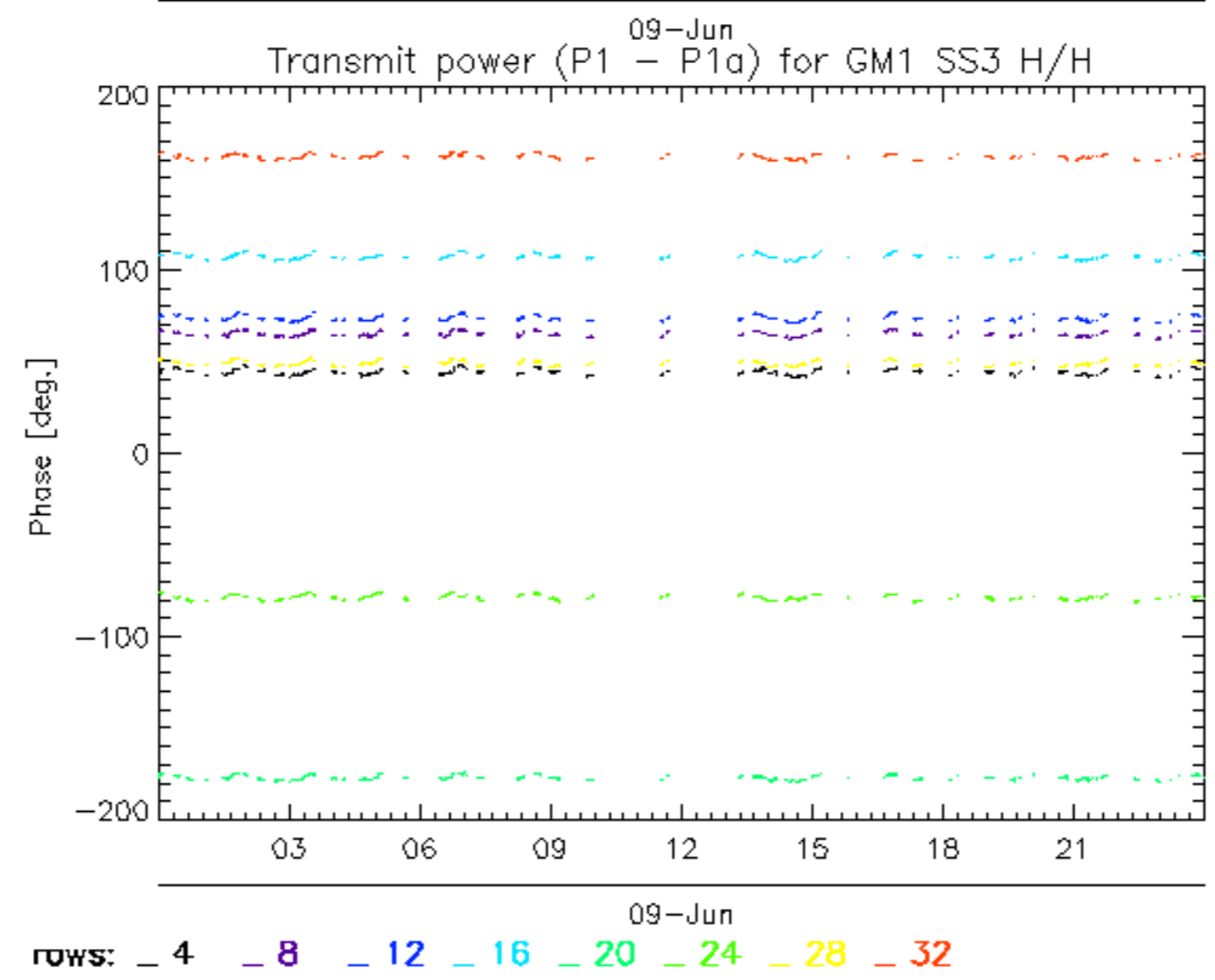
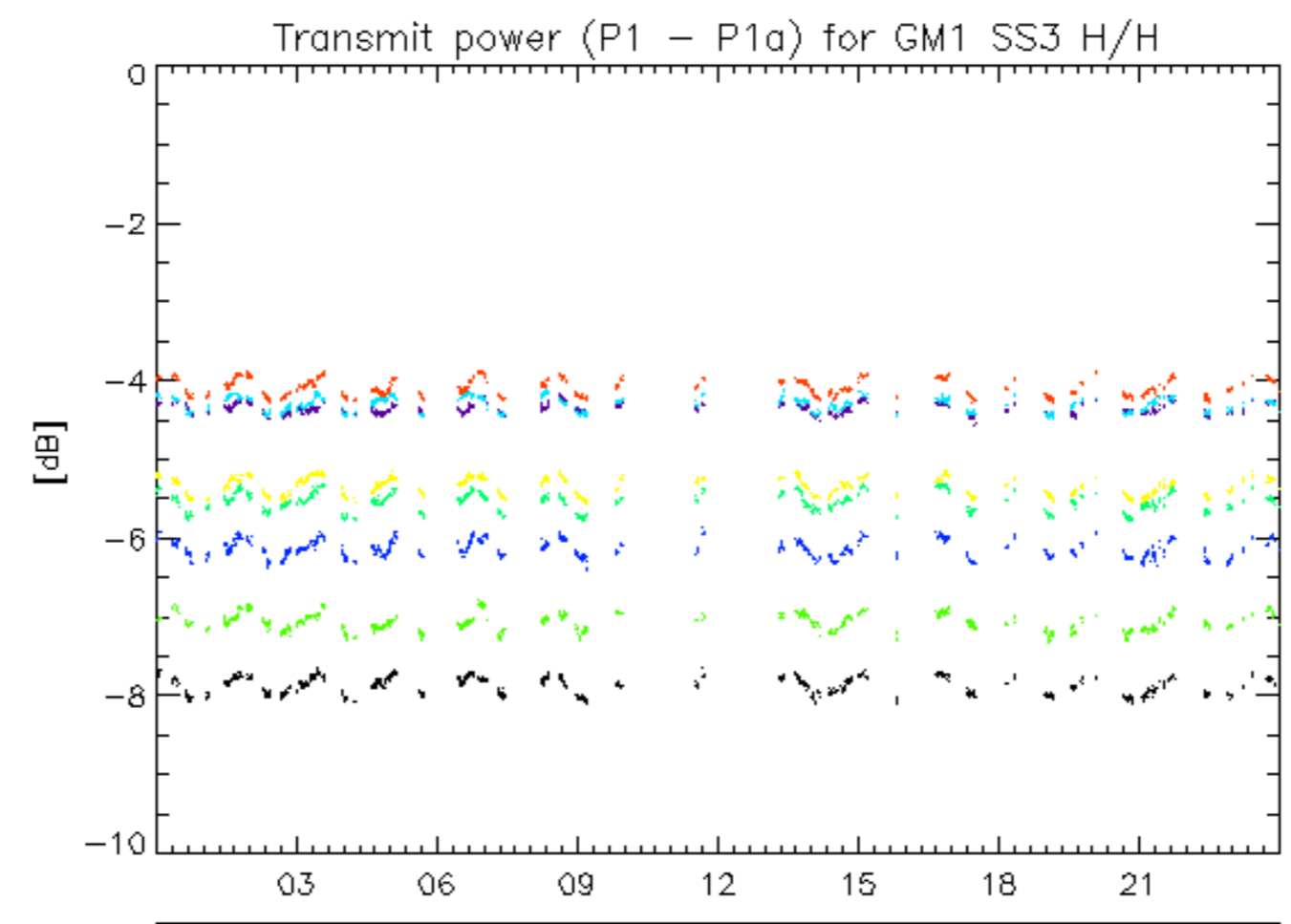


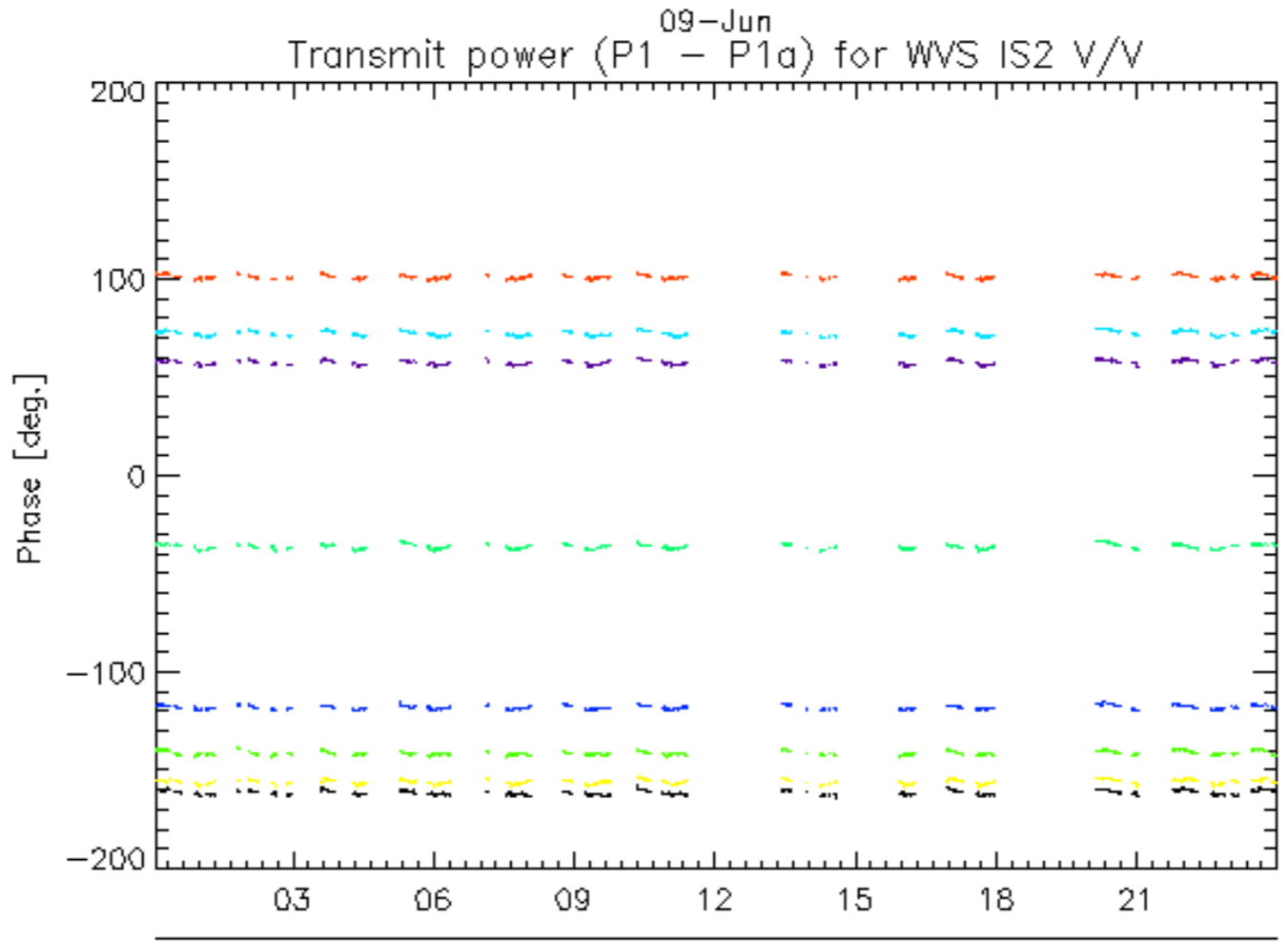
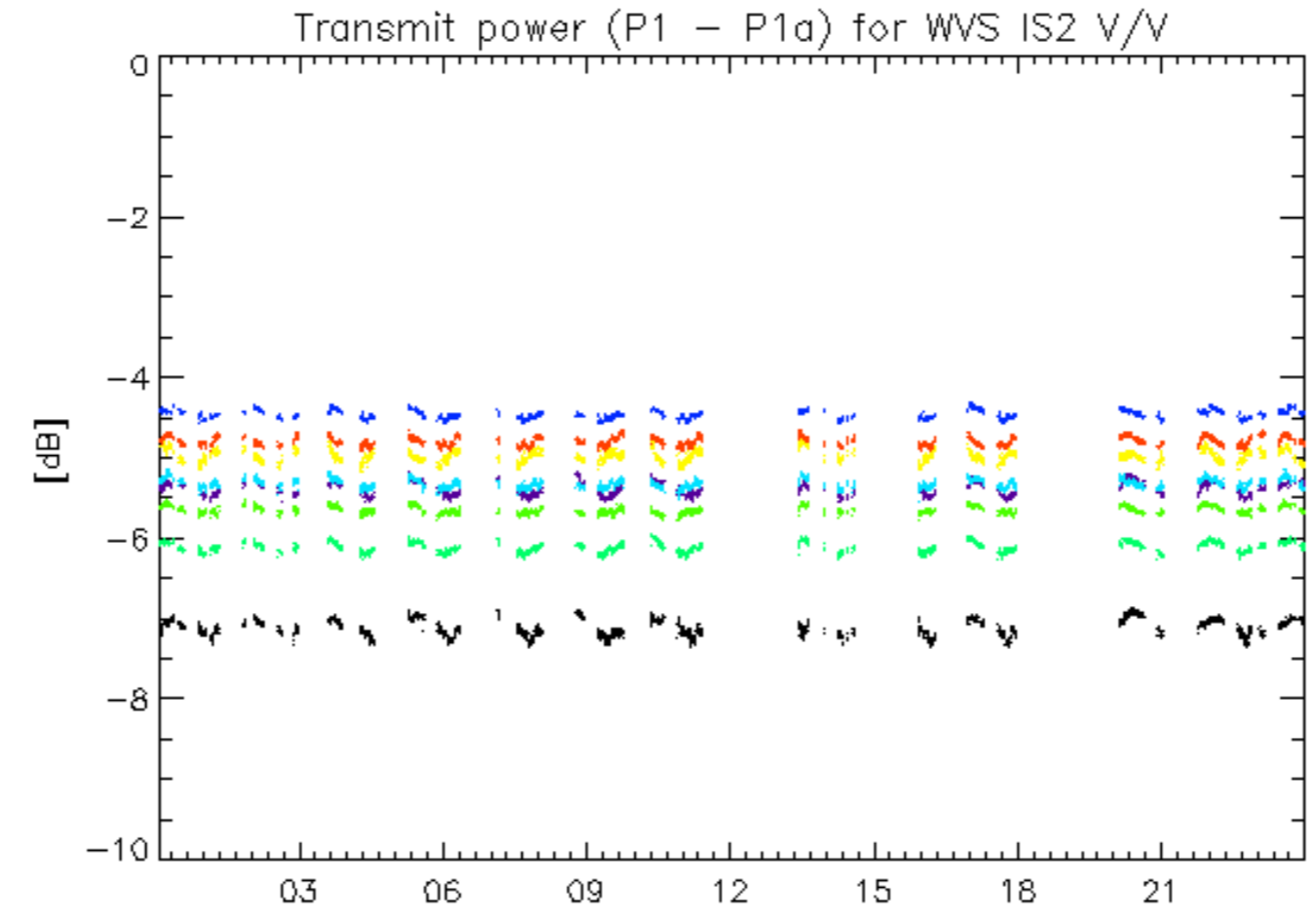




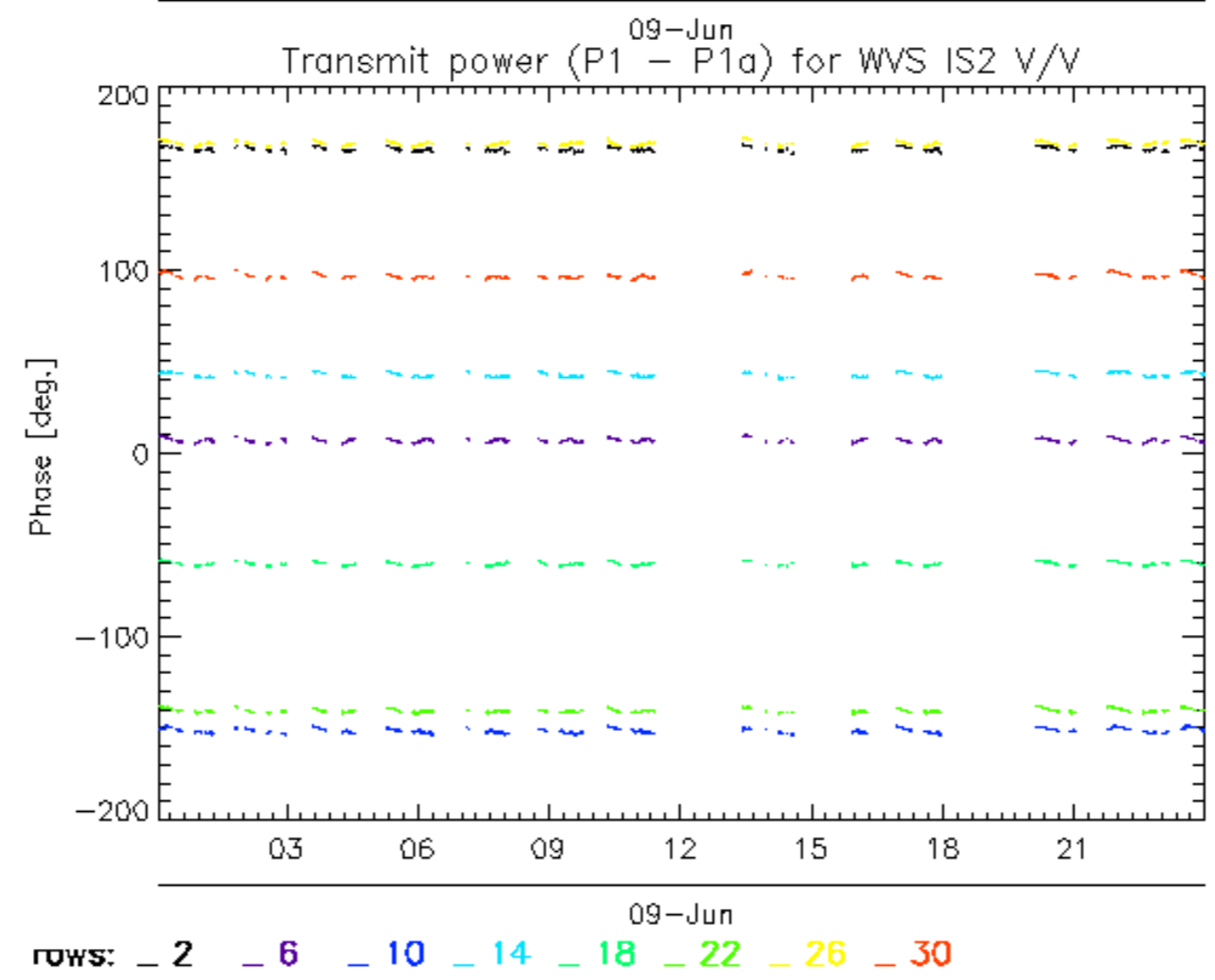
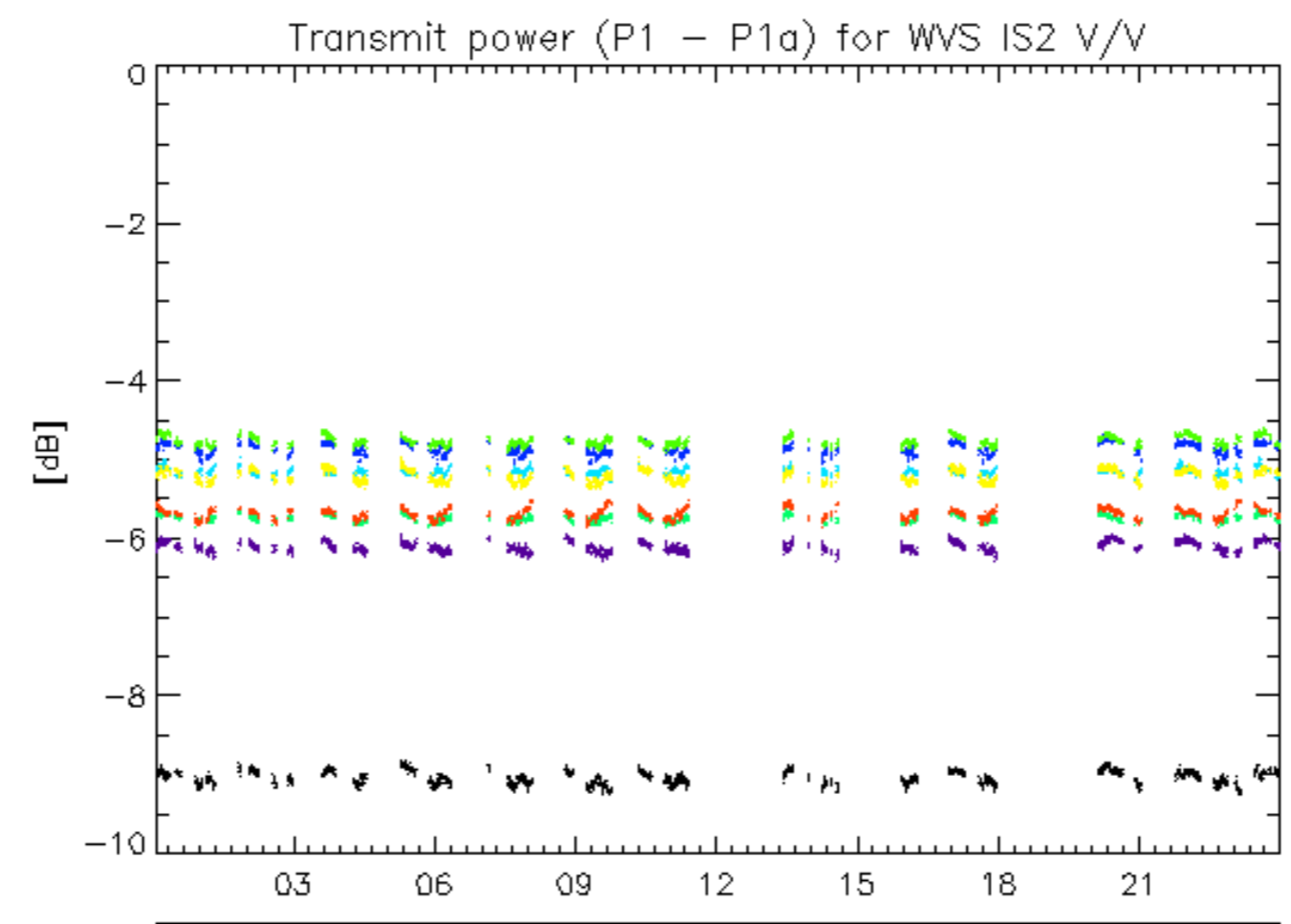


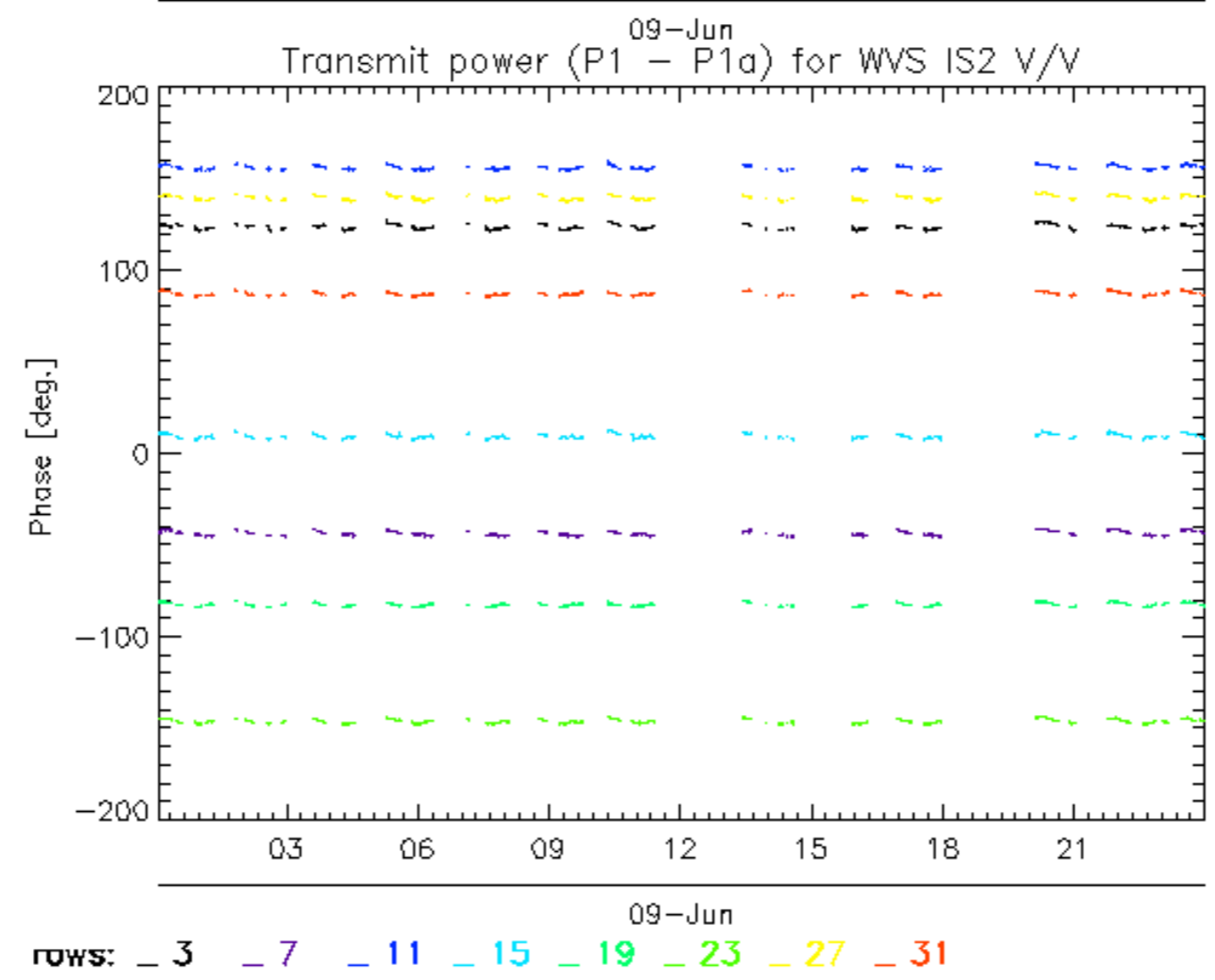
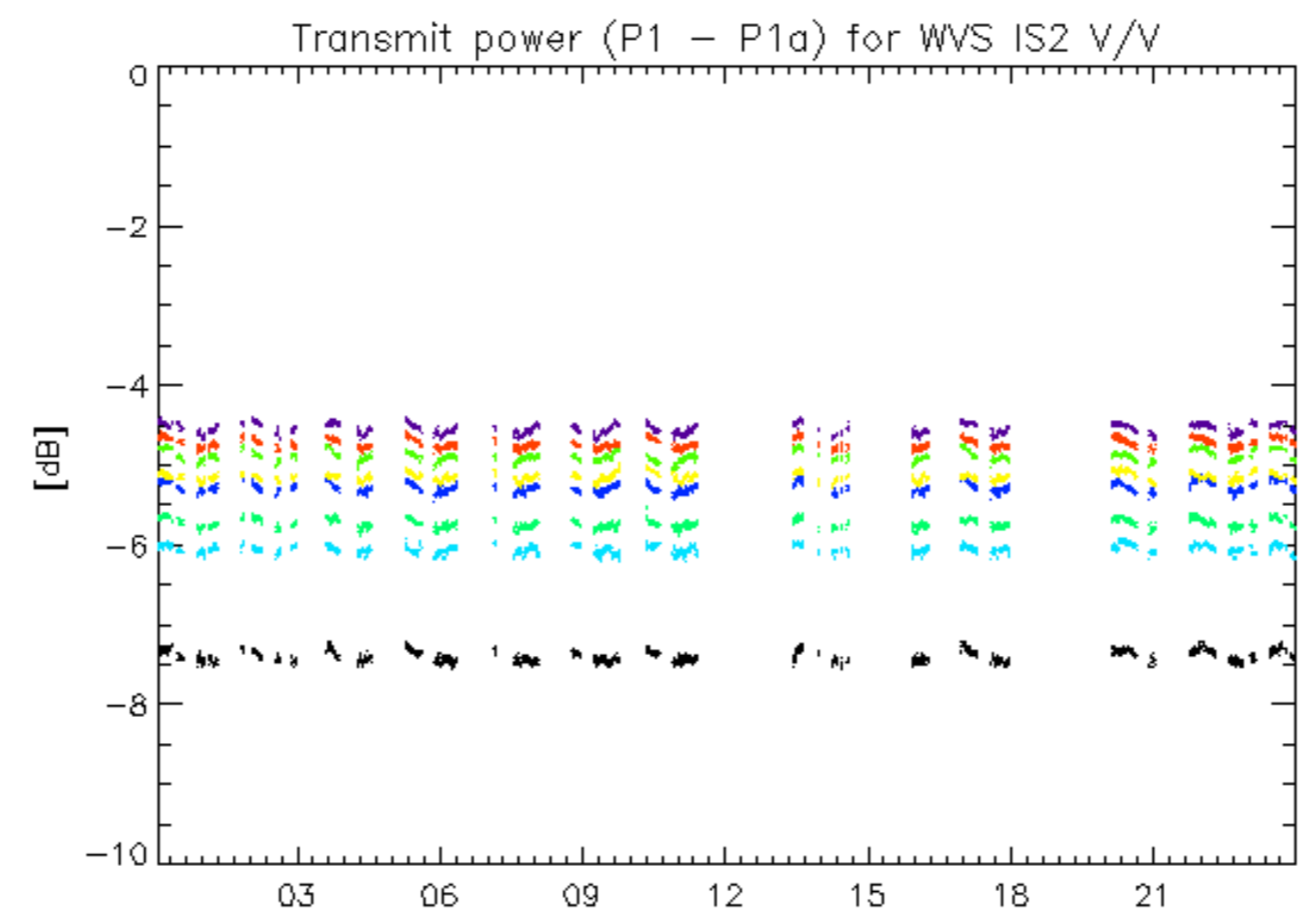


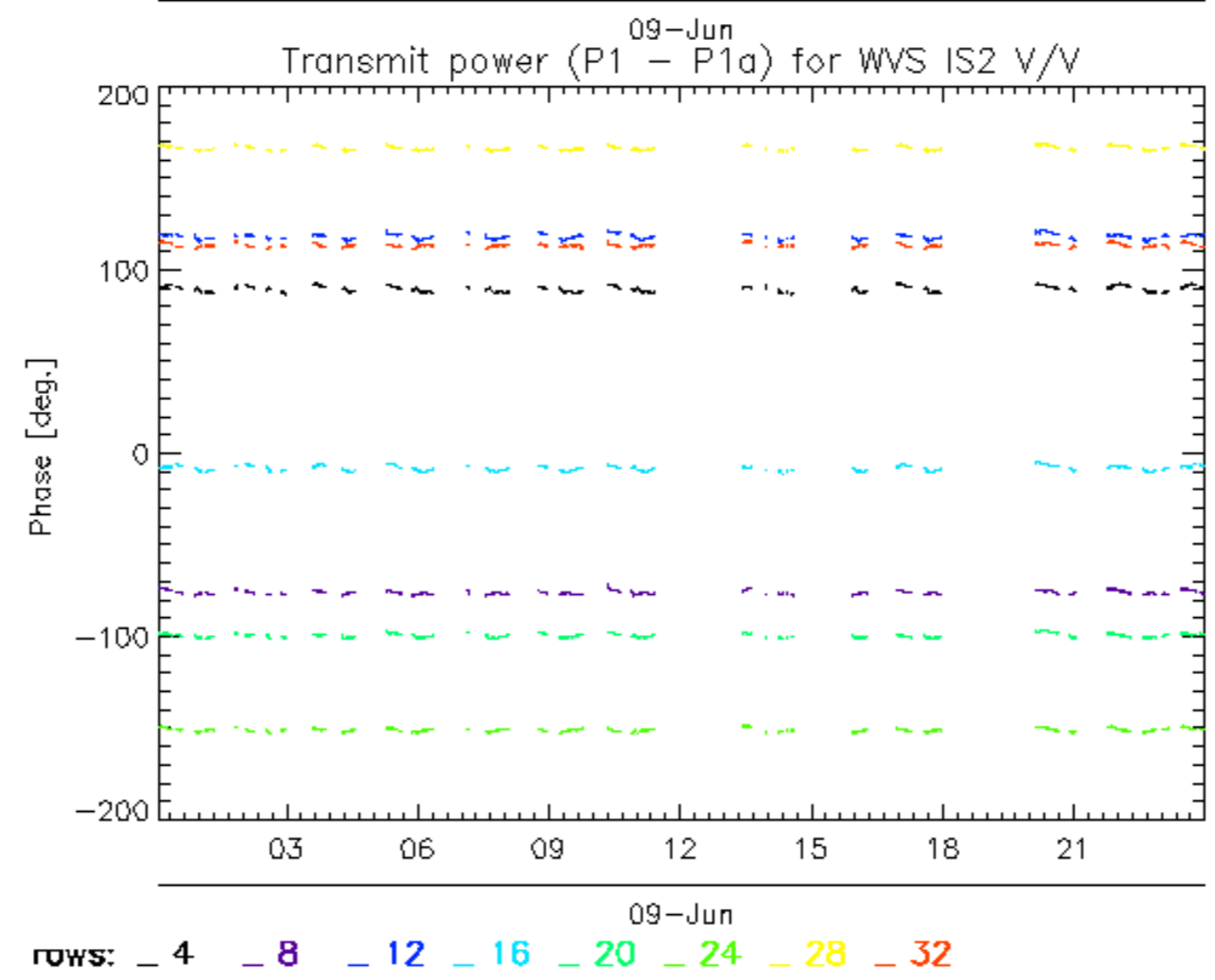
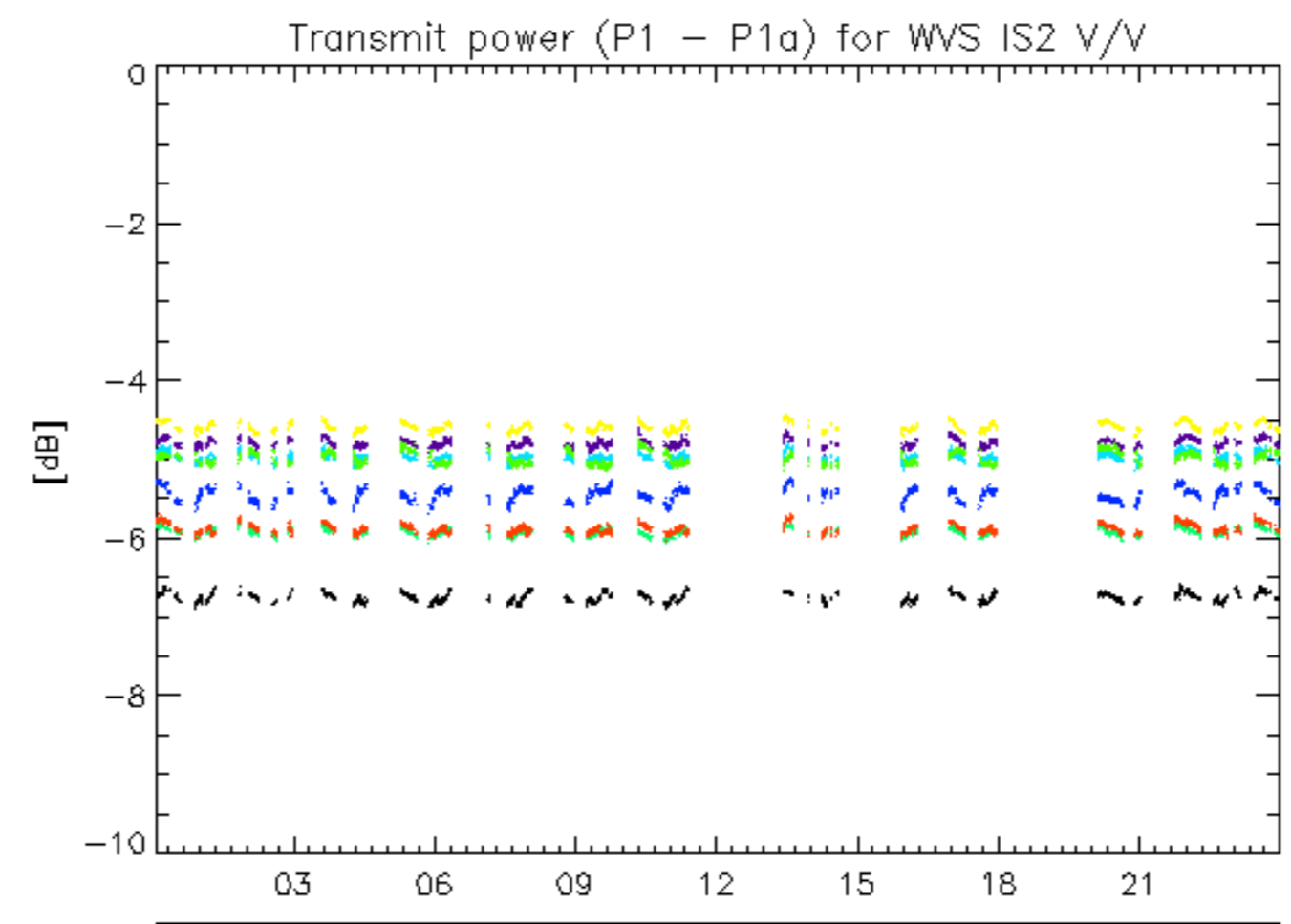


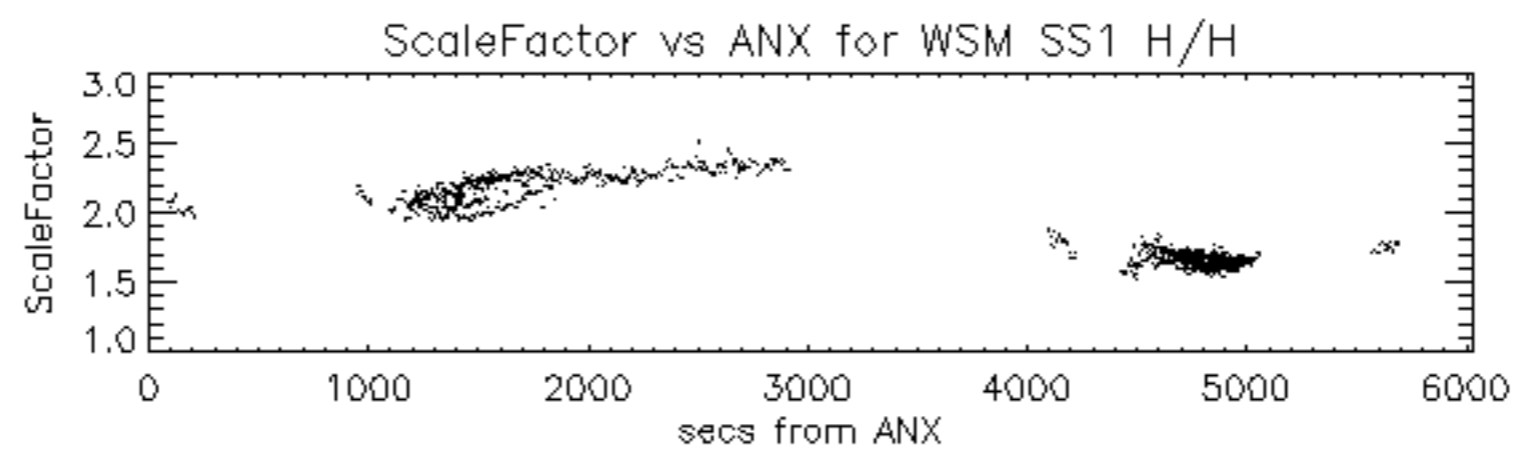


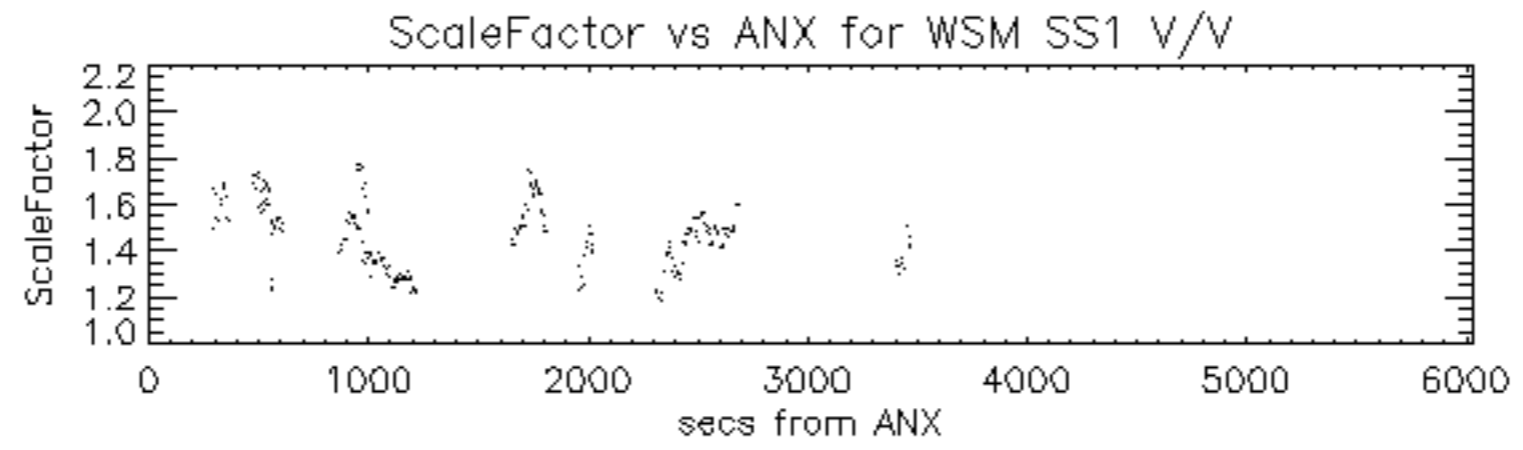
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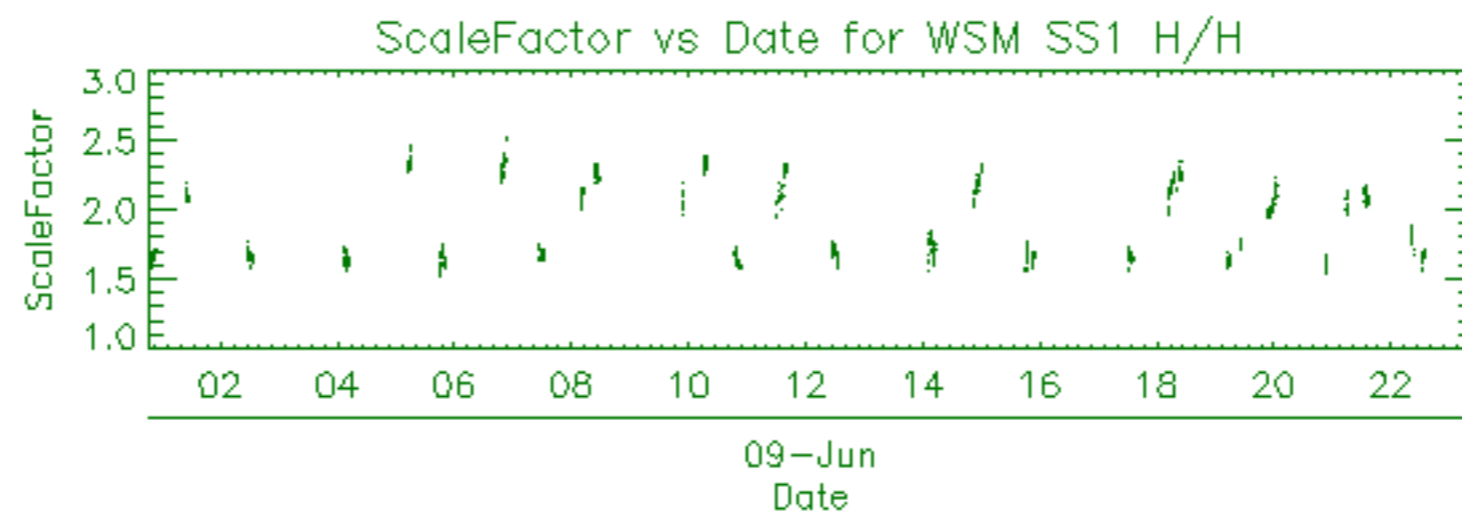


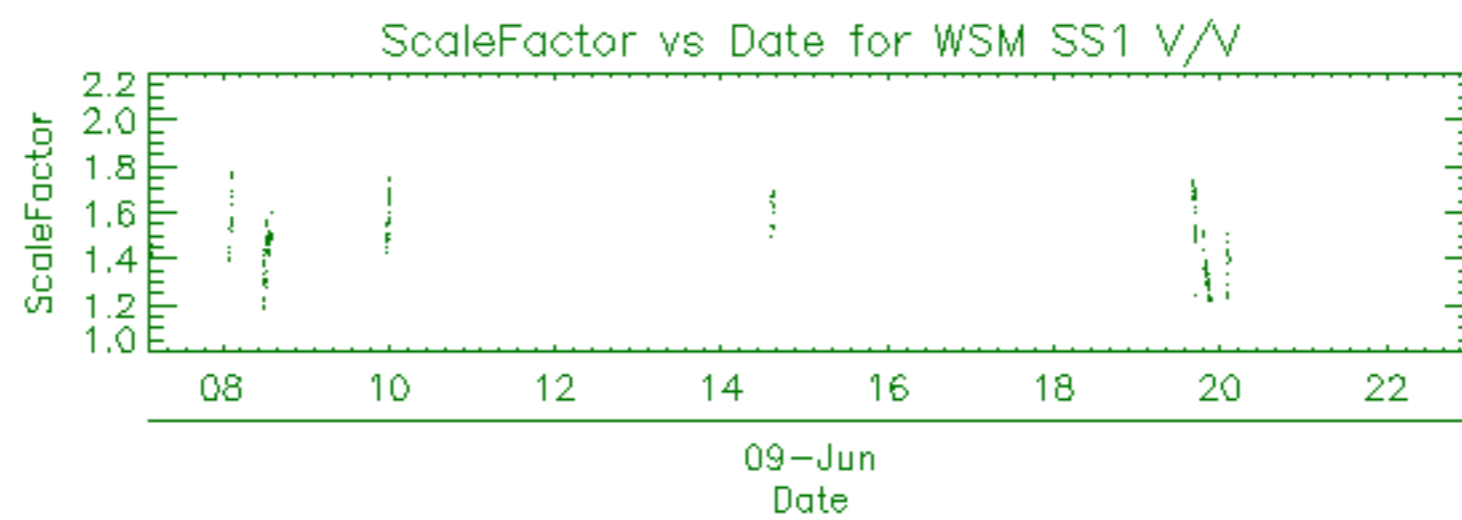












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20110609_043349_000001173103_00206_48496_8315.N1						IS4	V/V	103	48496	206	5.04
ASA_APM_1PNPDE20110609_070239_000000733103_00207_48497_8334.N1						IS4	V/H	103	48497	207	5.04
ASA_APM_1PNPDE20110609_182556_000000423103_00214_48504_8429.N1						IS1	H/H	103	48504	214	5.04

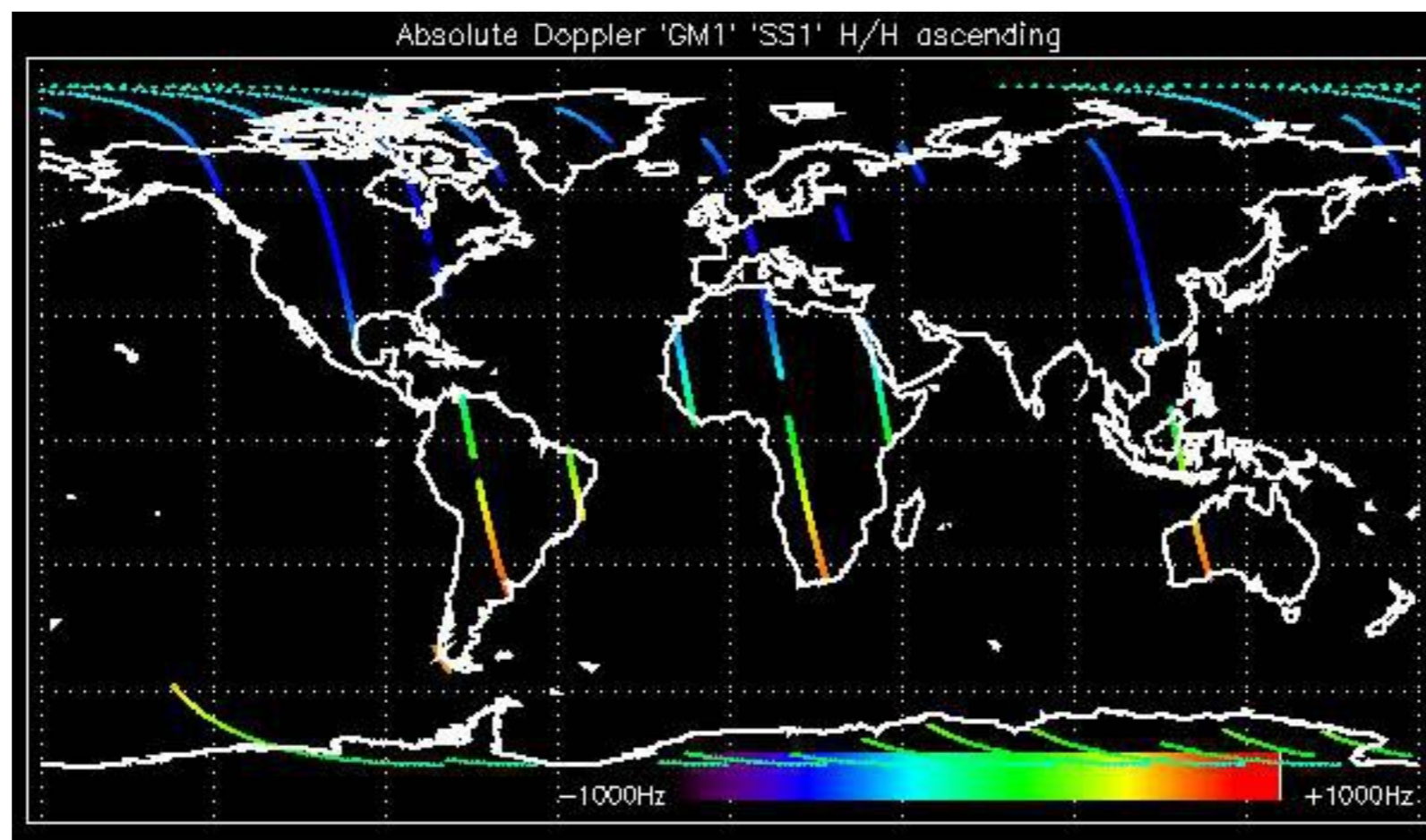
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ASA_GM1_1PNPDE20110609_225322_000004043103_00217_48507_8475.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_231231_000001503103_00217_48507_8478.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_232414_000001023103_00217_48507_8479.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_234323_000001443103_00217_48507_8481.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_234751_000002473103_00217_48507_8482.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_235206_000000903103_00217_48507_8484.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_235940_000006893103_00217_48507_8487.N1	SS1	H/H	103	48507	217	5.04
ASA_GM1_1PNPDE20110609_235940_000006893103_00217_48507_8488.N1	SS1	H/H	103	48507	217	5.04

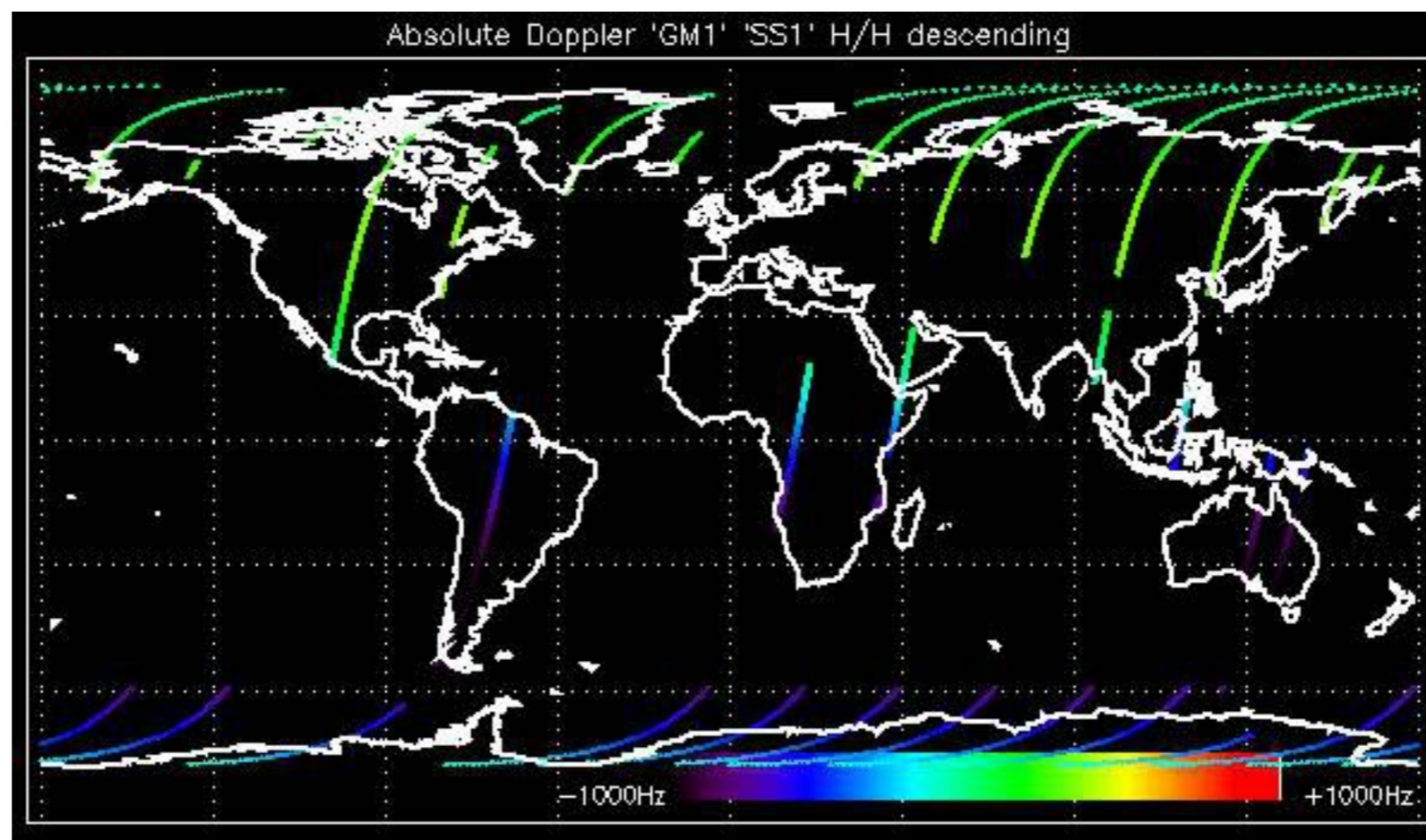
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20110609_024654_000000793103_00204_48494_8272.N1						IS3	H/H	103	48494	204	5.04
ASA_IMM_1PNPDE20110609_032954_000000763103_00205_48495_8267.N1						IS6	H/H	103	48495	205	5.04
ASA_IMM_1PNPDE20110609_050749_000001843103_00206_48496_8316.N1						IS6	H/H	103	48496	206	5.04
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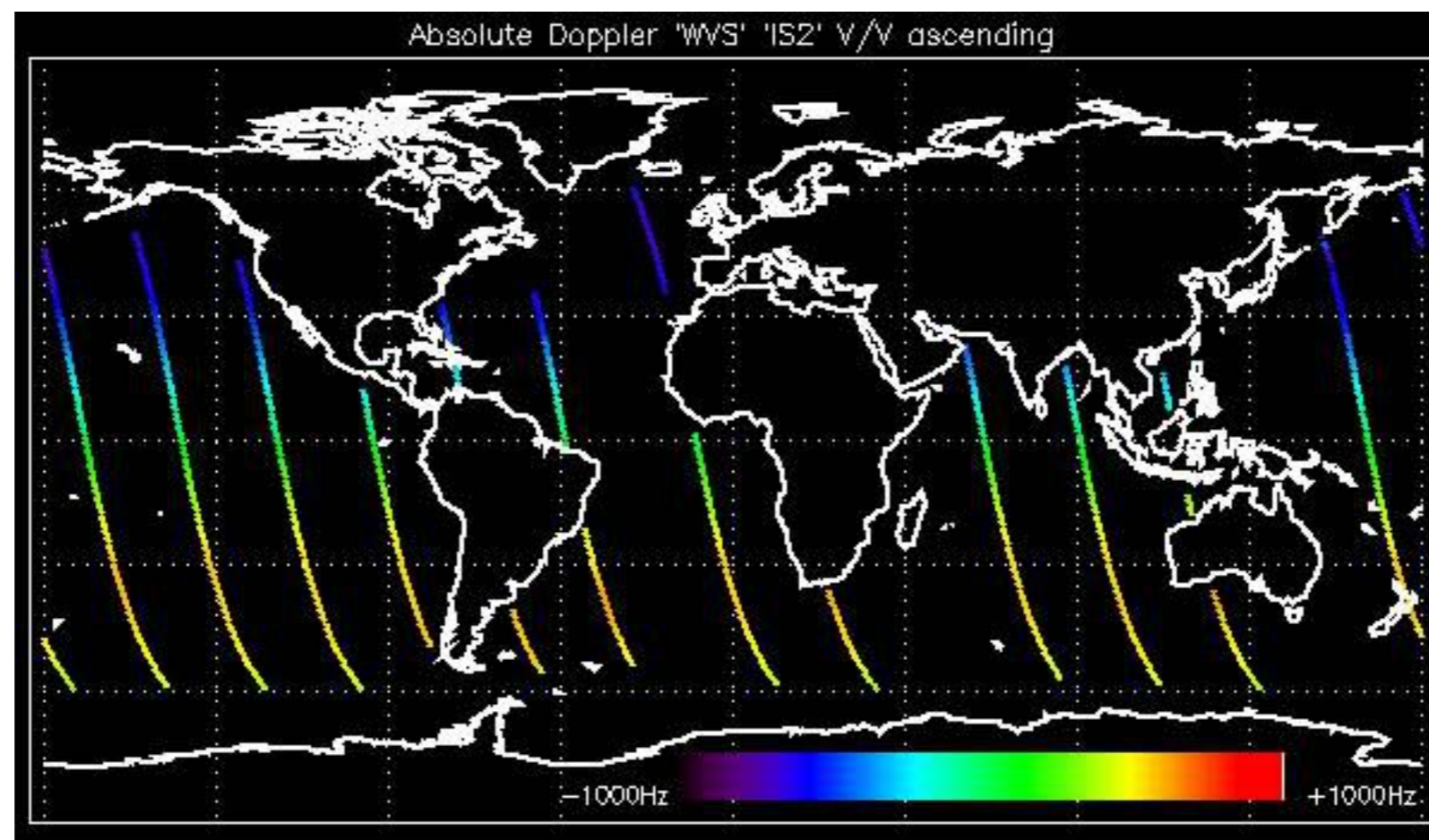
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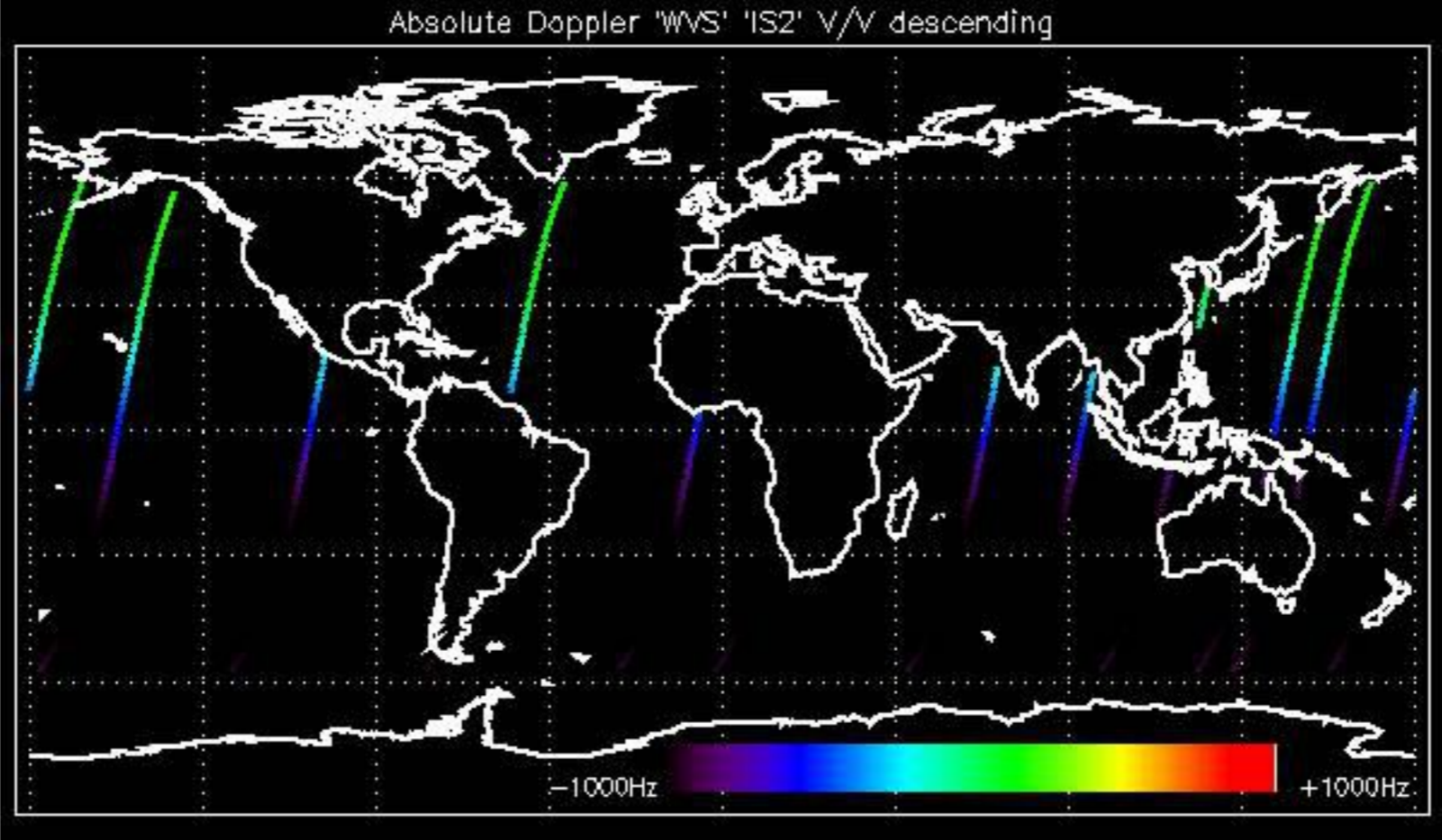
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ASA_WSM_1PNPDE20110609_051150_000002513103_00206_48496_8317.N1						SS1	H/H	103	48496	206	5.04
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ASA_WSM_1PNPDE20110609_070654_000000923103_00207_48497_8337.N1						SS1	V/V	103	48497	207	5.04
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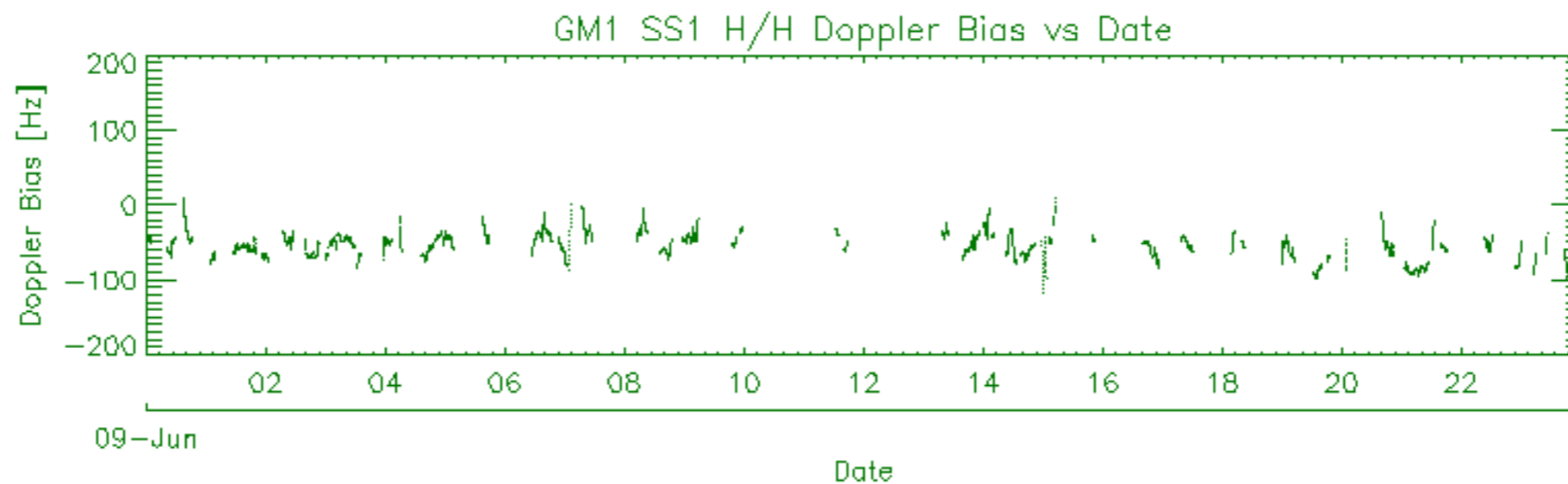
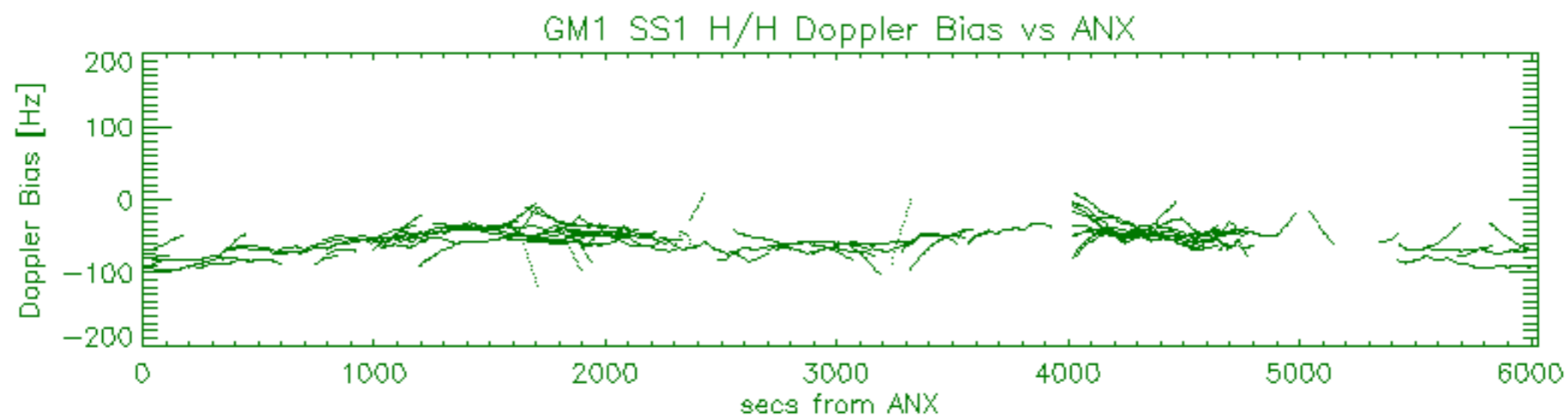
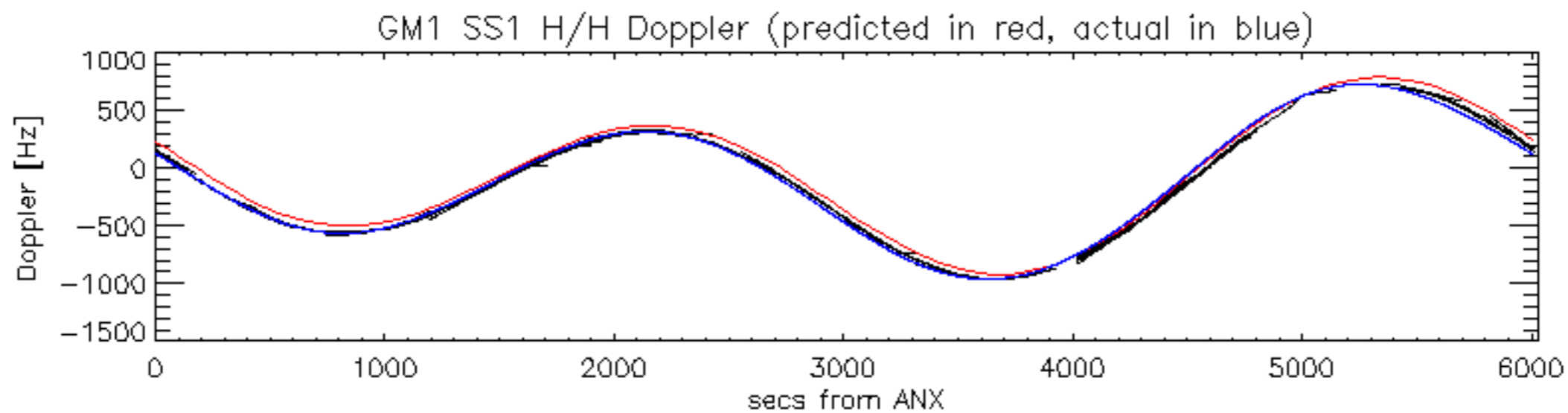
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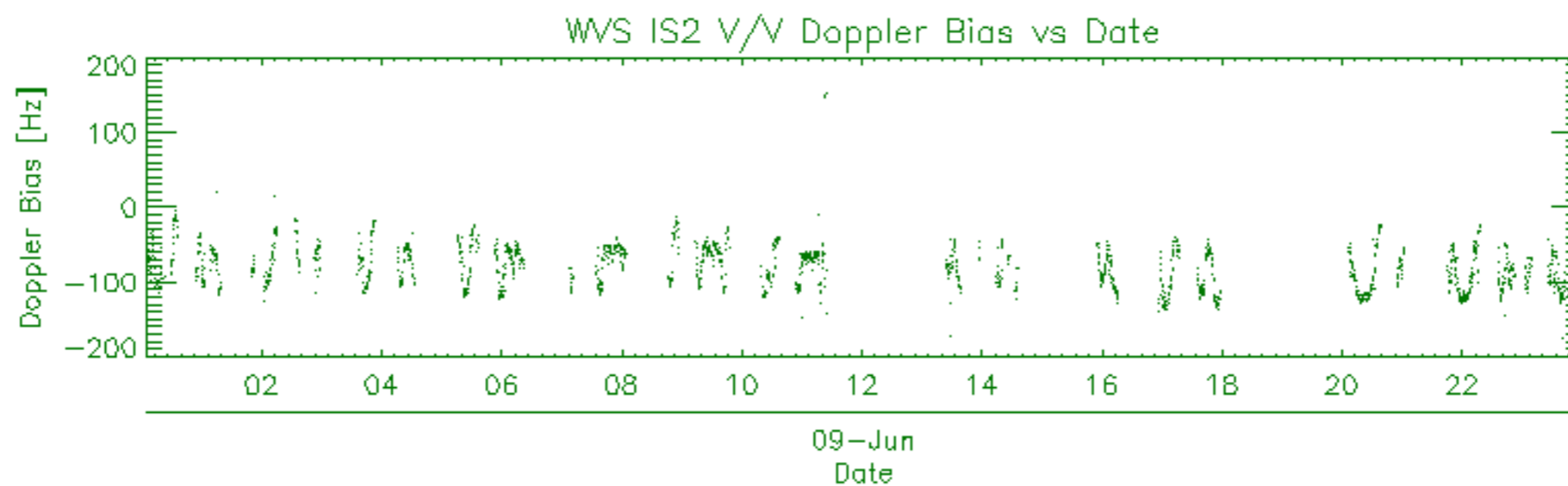
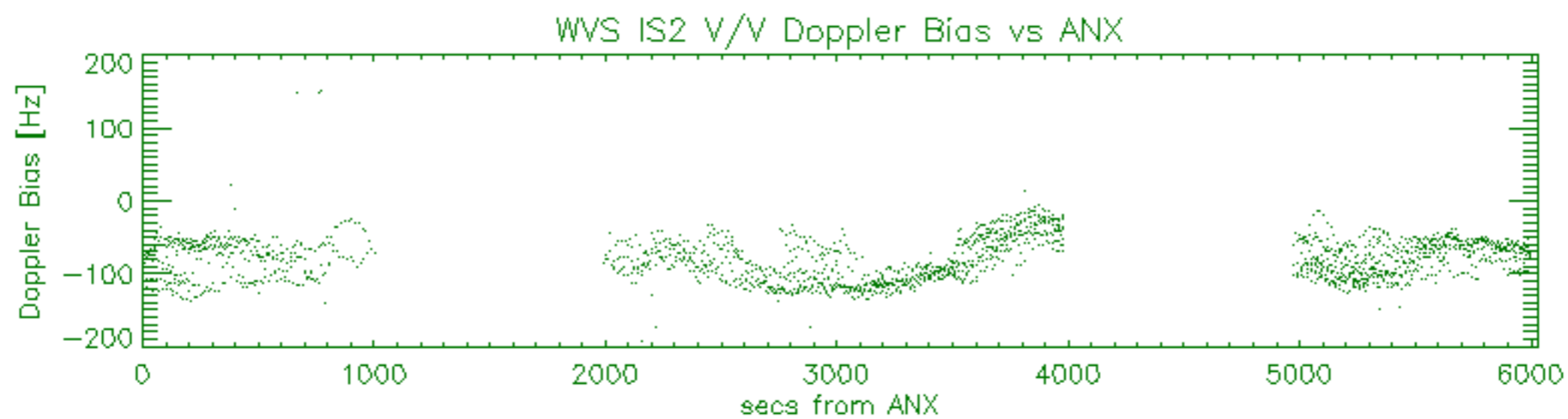
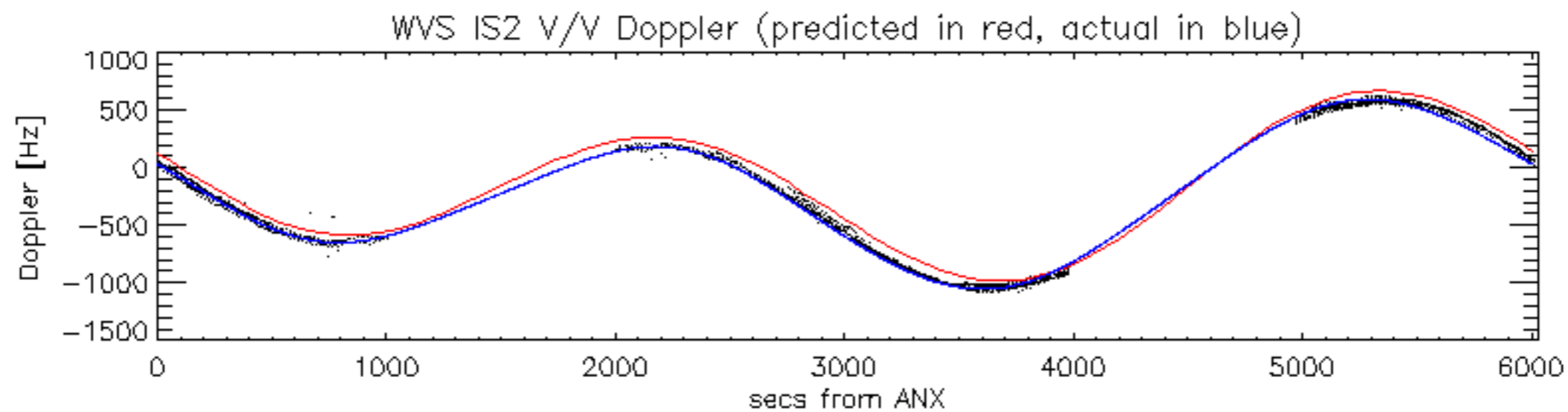


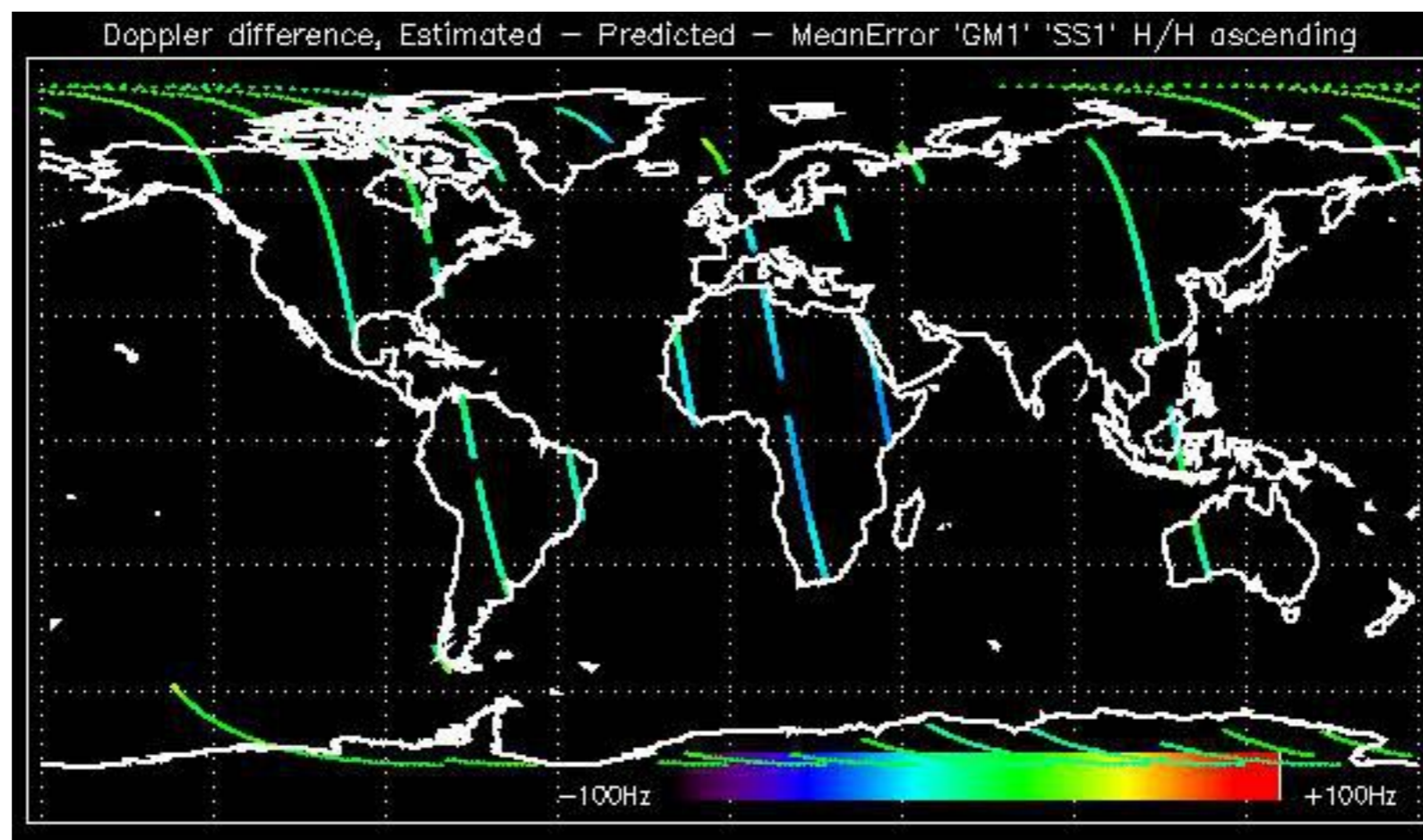


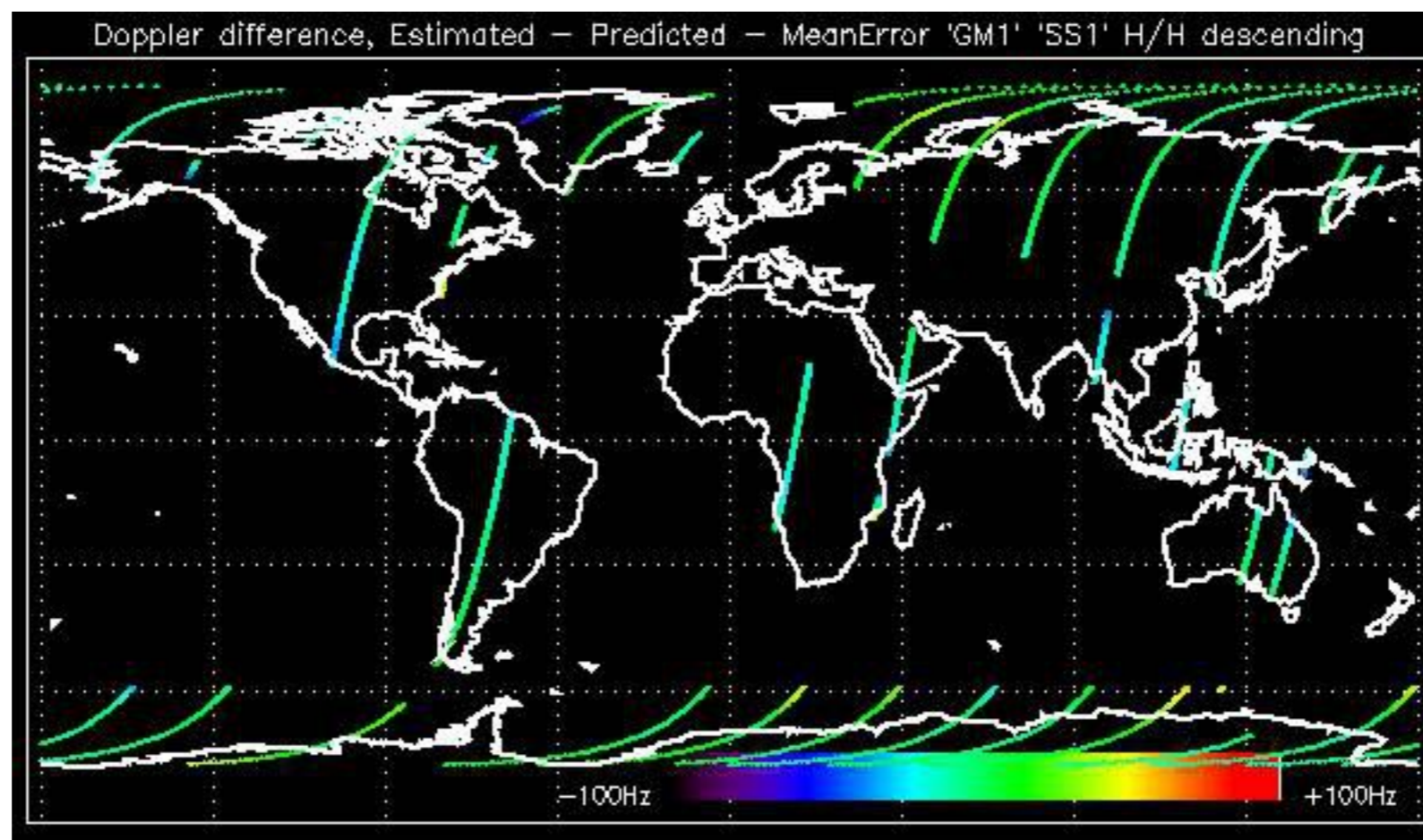


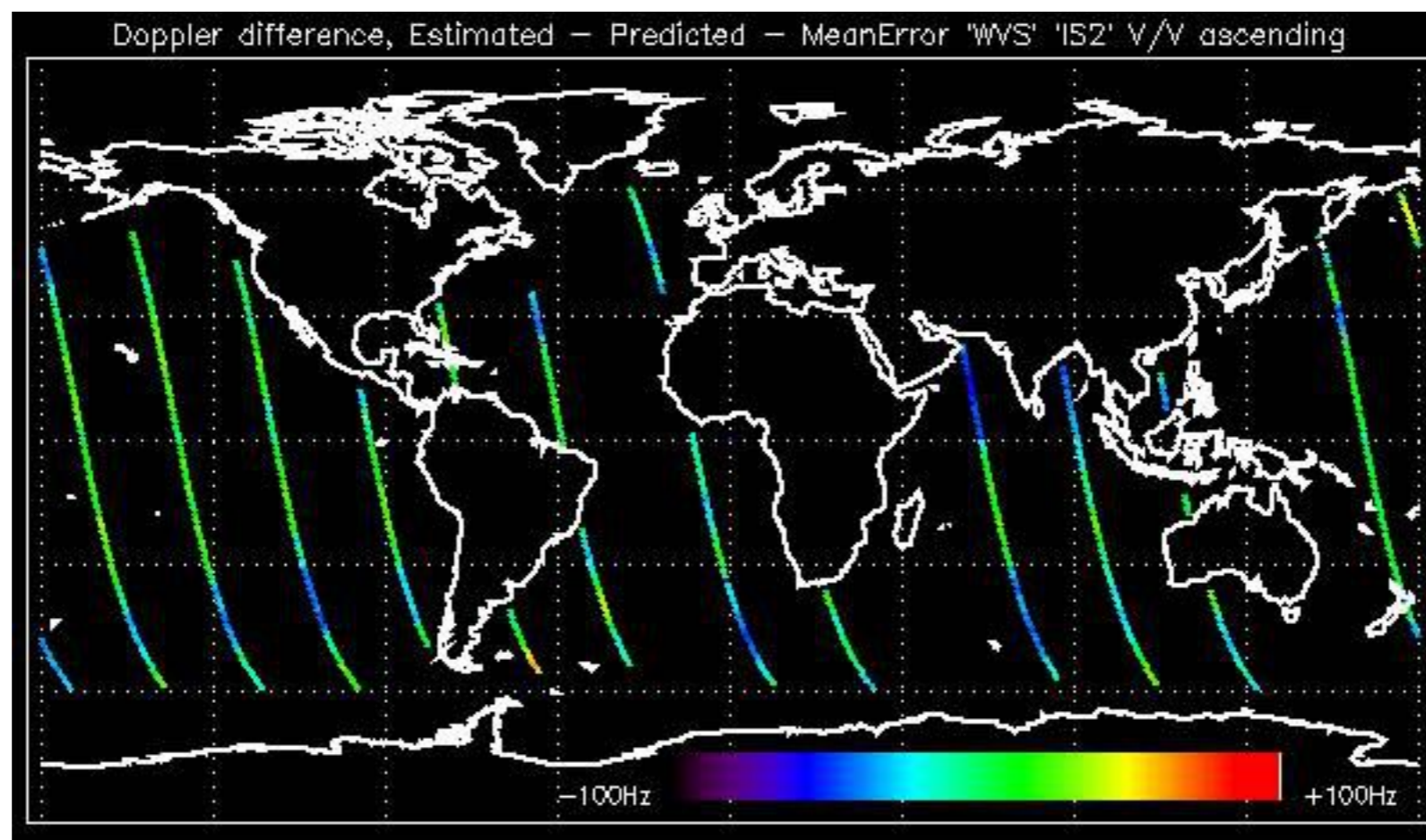


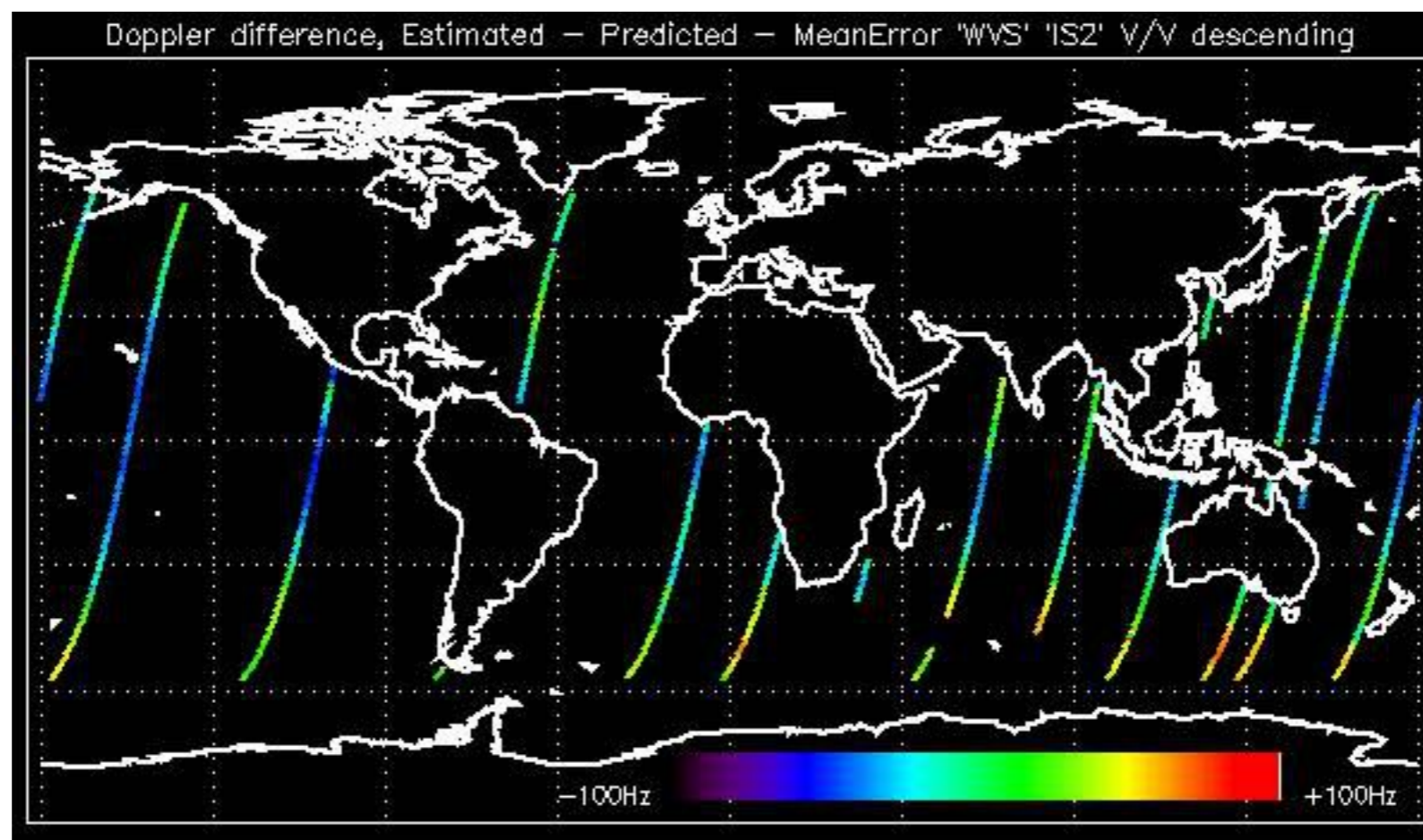


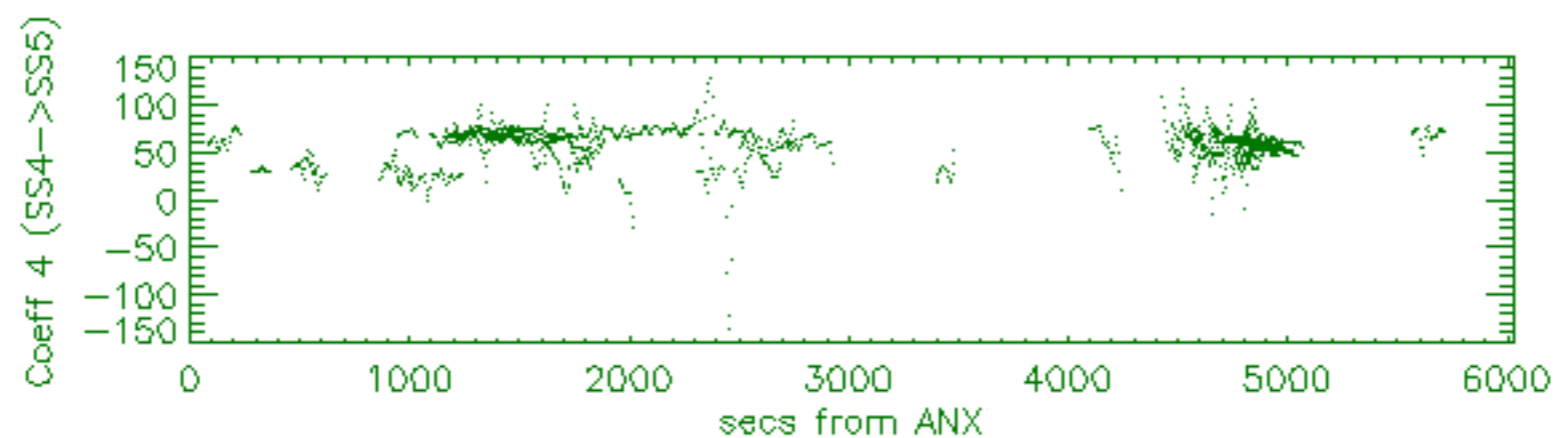
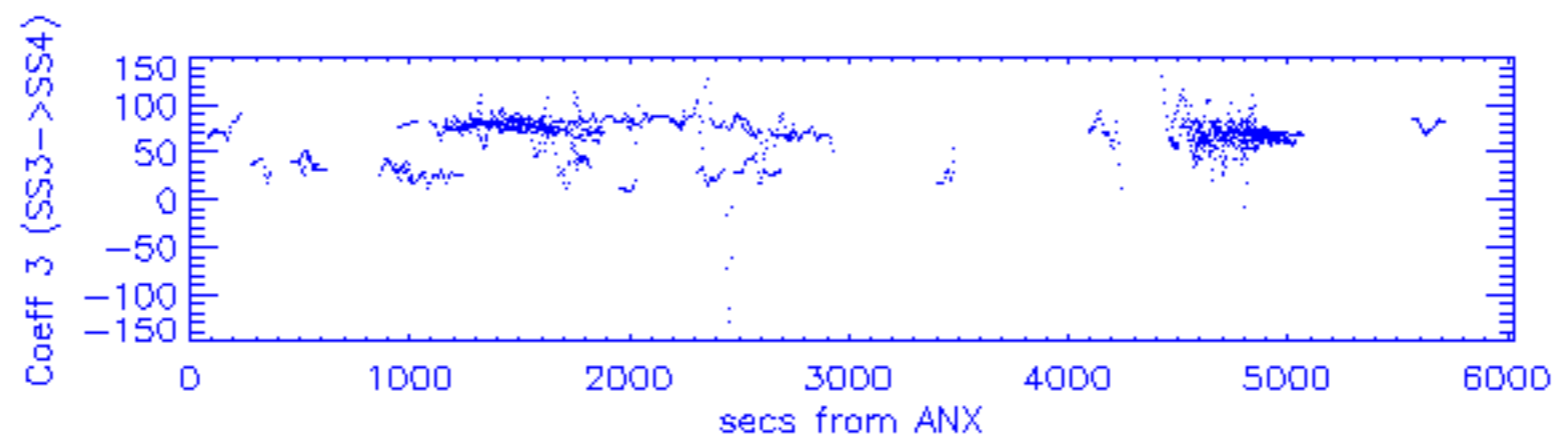
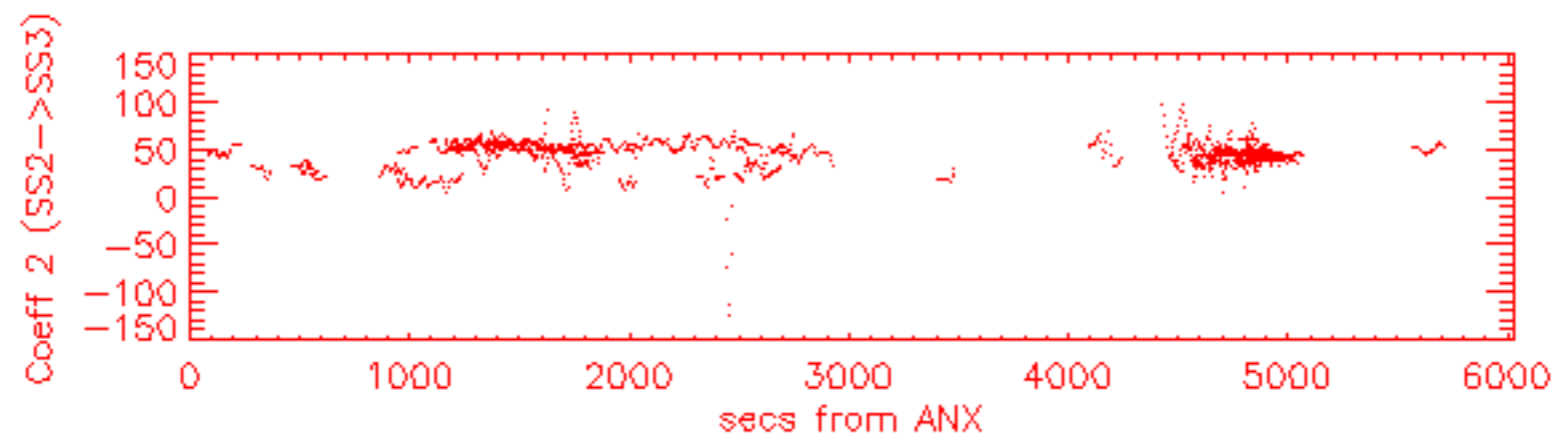
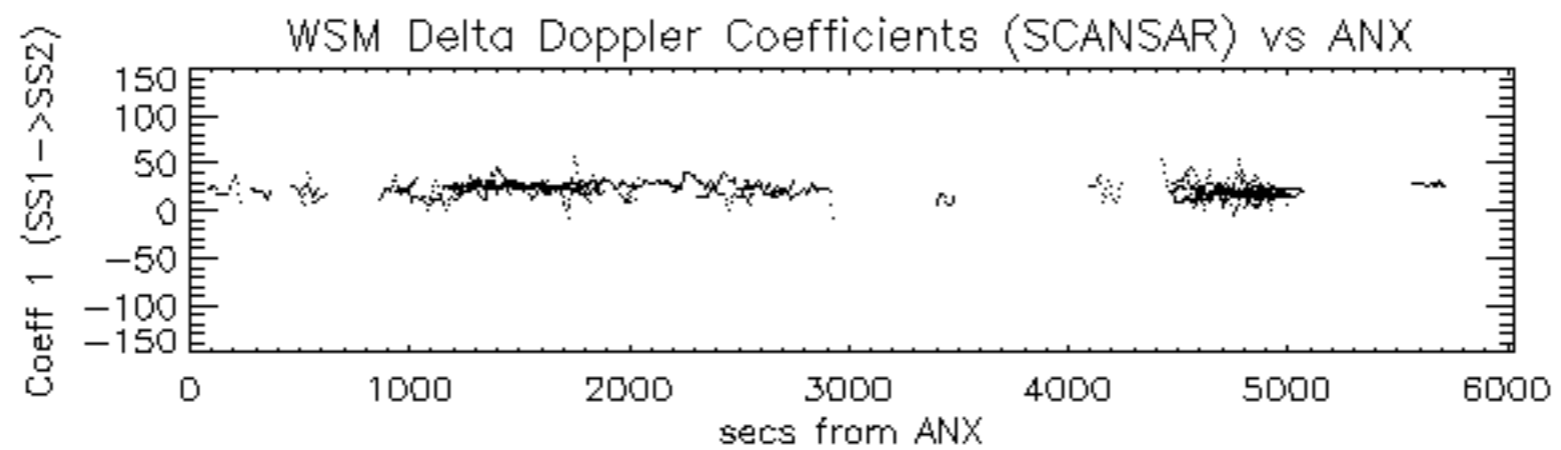


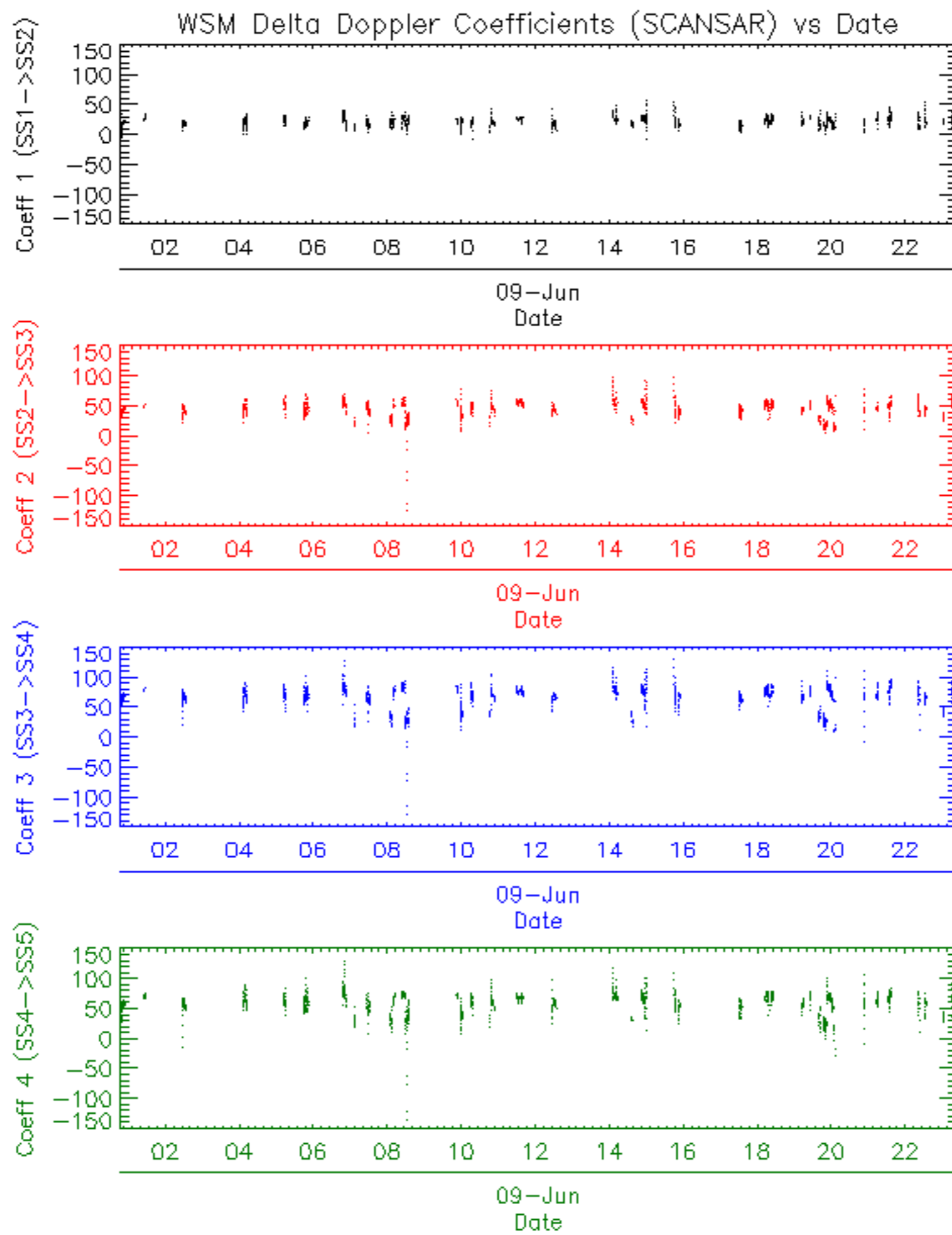


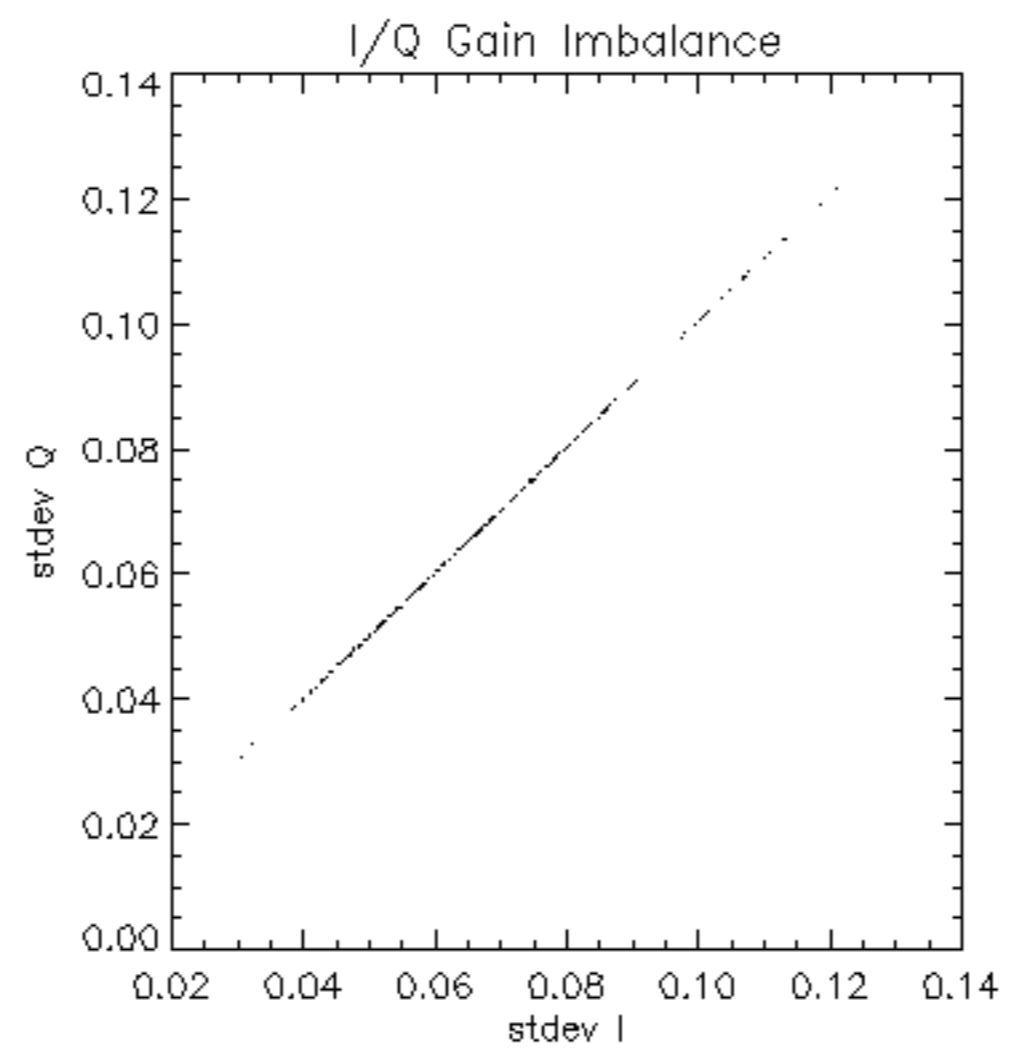


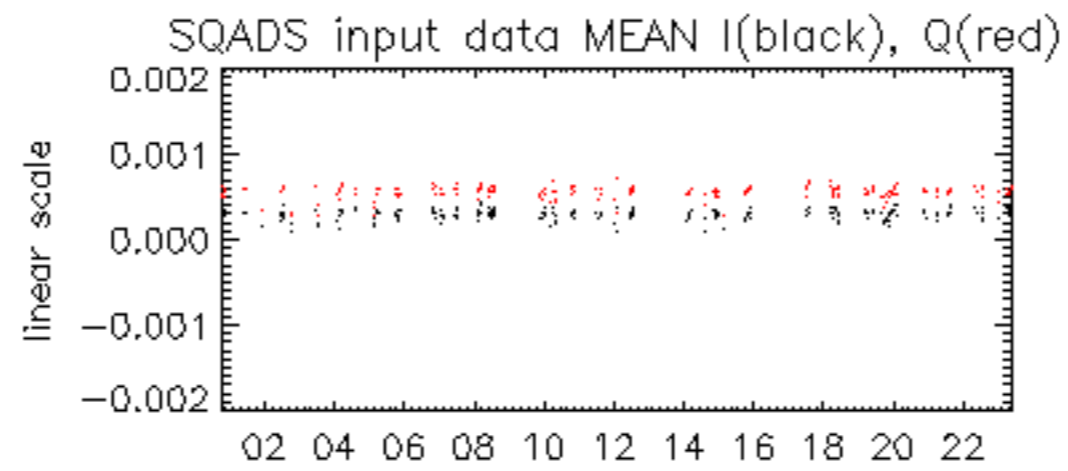




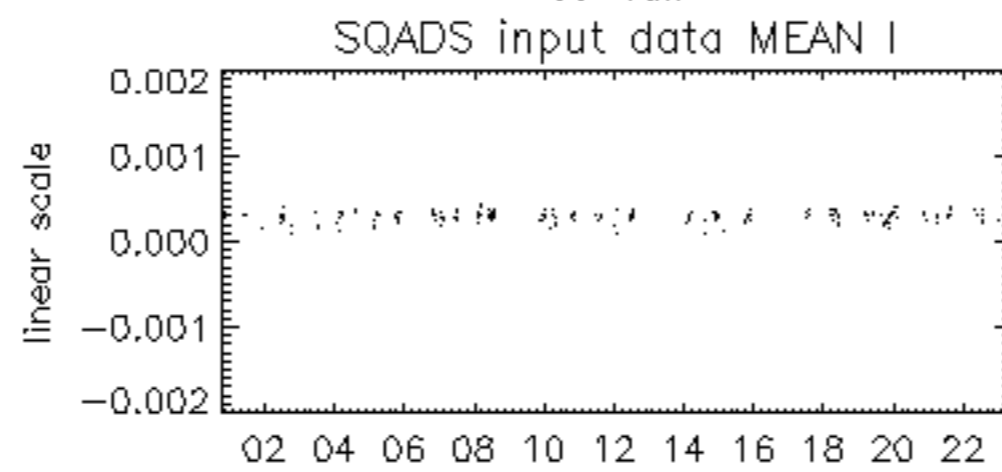




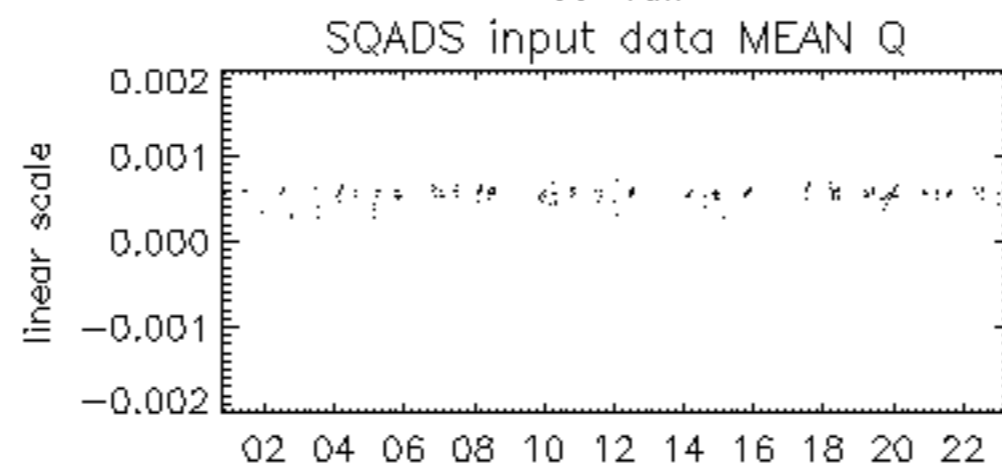




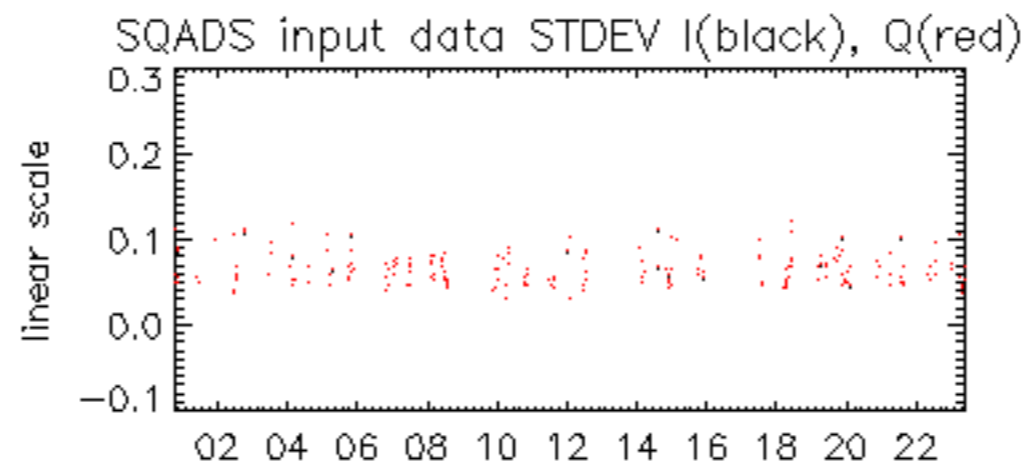
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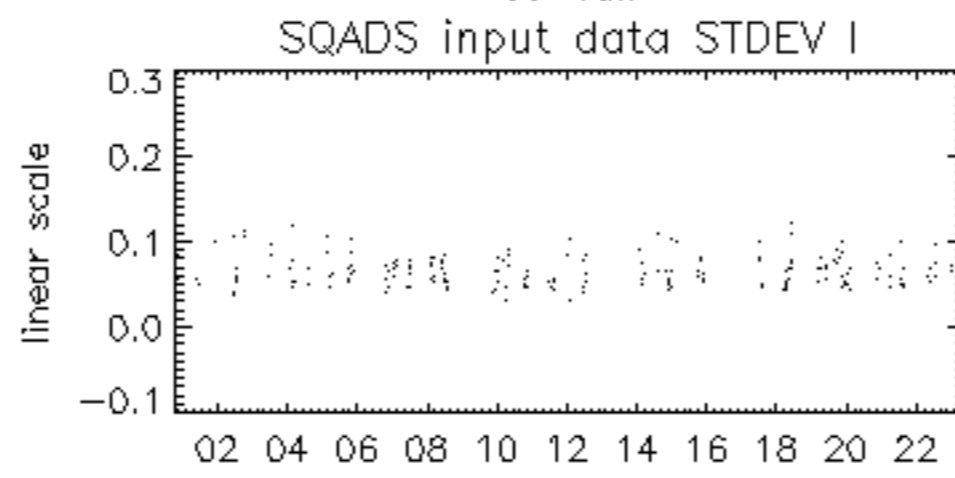
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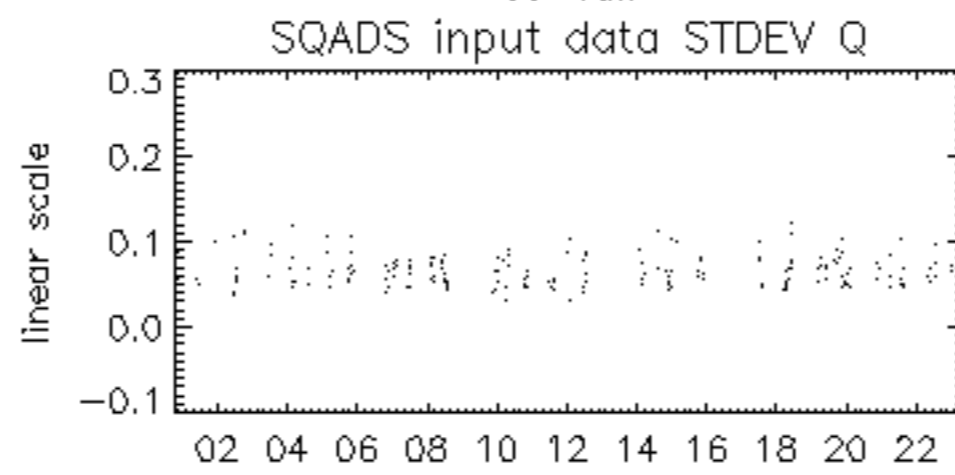
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