



Analysis from 28-JUN-2011 00:00:00 to 28-JUN-2011 23:59:59. Page generated on 29-JUN-2011 07:31:41.  
View log file: ASAR\_Daily\_Report\_20110629\_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	40	PDE	IS4	V/H	1	PDE	IS2	H/H	1	PDE	WS	H/H	23	PDE	2011-06-28 20:42:49	H	320
PDE	IS2	V/V	27	PDK	WS	H/H	4	PDE	IS4	V/V	2	PDE	IS2	V/V	1	PDE	WS	V/V	2	PDE	2011-06-28 22:23:03	V	320
PDK	IS2	V/V	25									PDE	IS3	H/H	1	PDK	WS	H/H	1				
												PDE	IS4	V/V	1	PDK	WS	V/V	1				
												PDE	IS6	H/H	8								
												PDE	IS6	V/V	1								
												PDE	IS7	H/H	1								
												PDK	IS6	H/H	2								

## 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](#)

### 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 Test : 2011-06-28 22:23:03 V										Reference: 2011-06-27 22:59:47 V Test : 2011-06-28 22:23:03 V									
RxGain										RxGain									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4
RxPhase										RxPhase									
Reference: 2001-02-09 14:08:23 V Test : 2011-06-28 22:23:03 V										Reference: 2011-06-27 22:59:47 V Test : 2011-06-28 22:23:03 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4

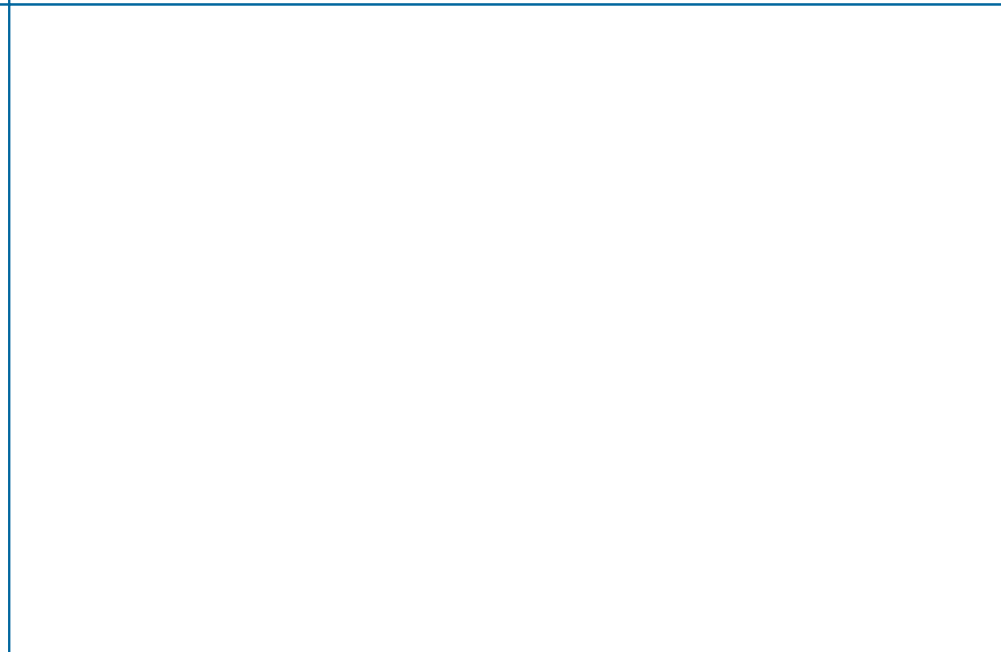
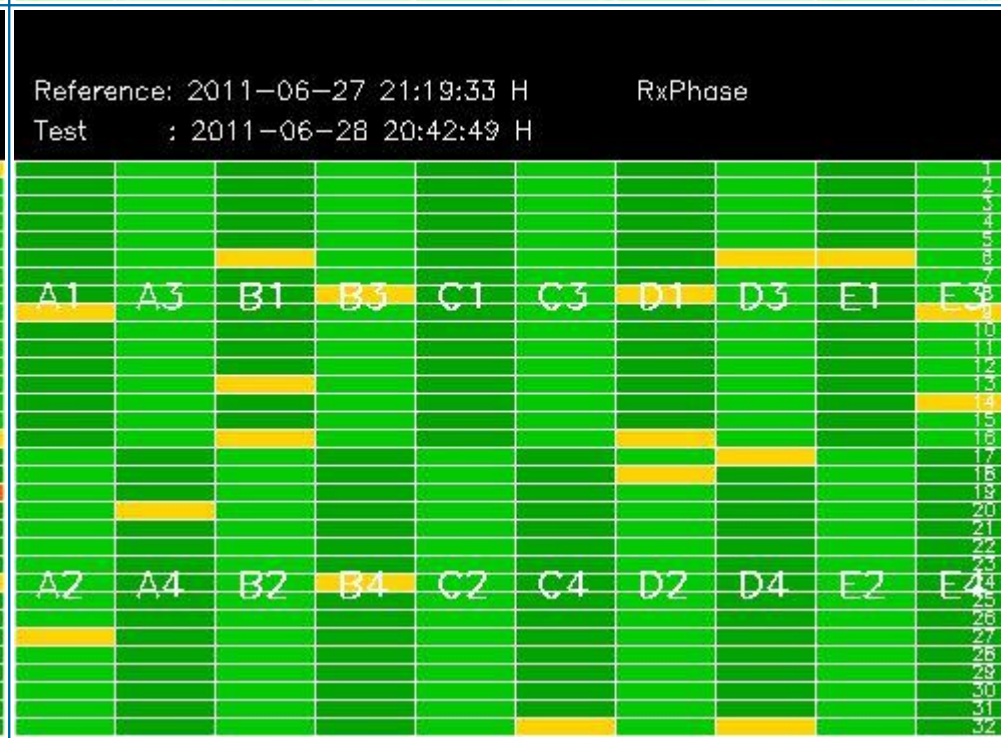
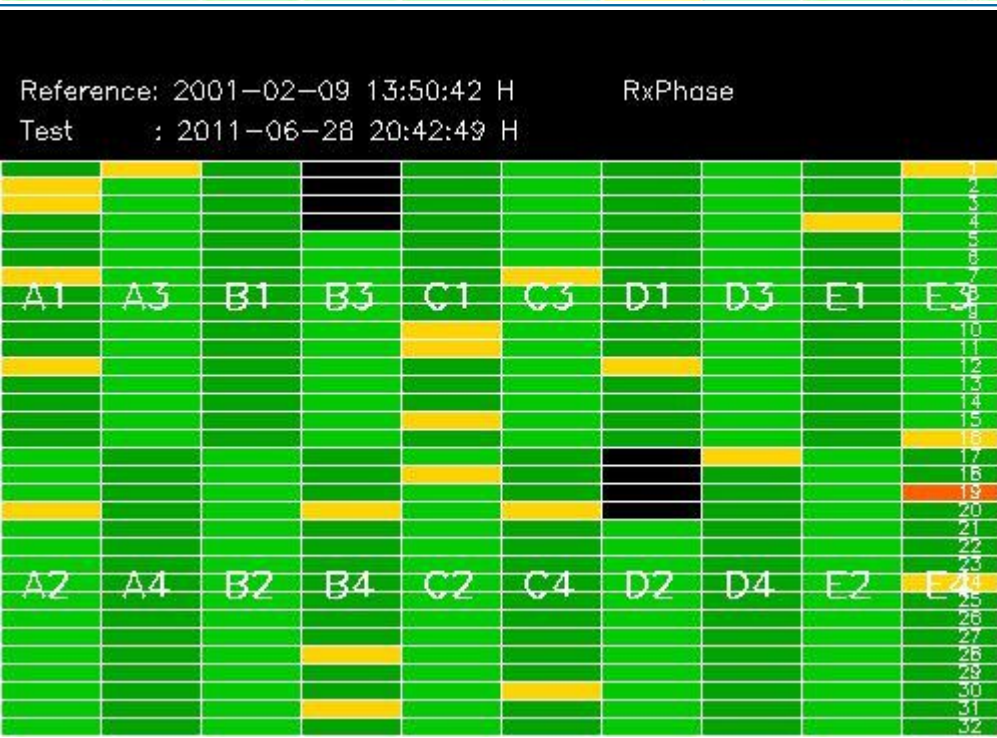
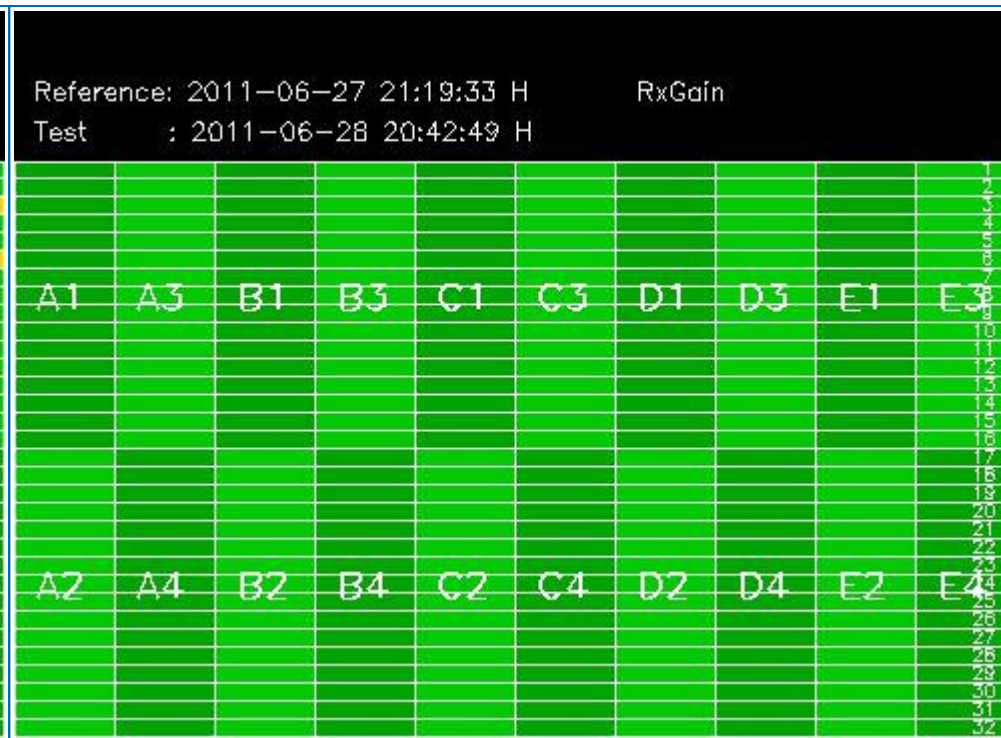
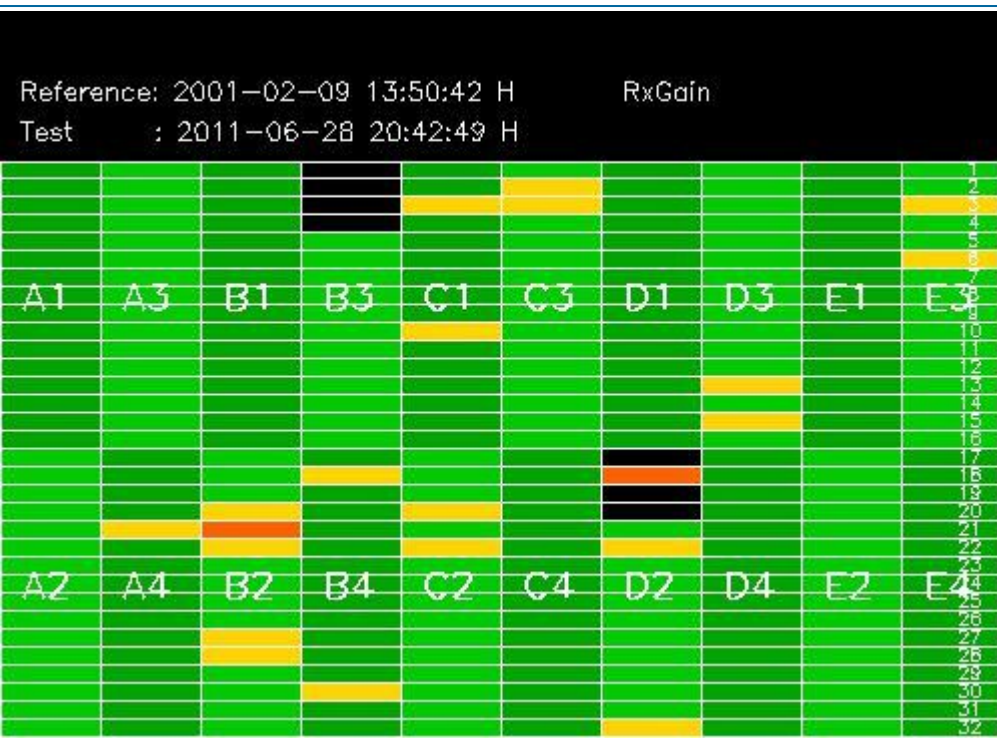




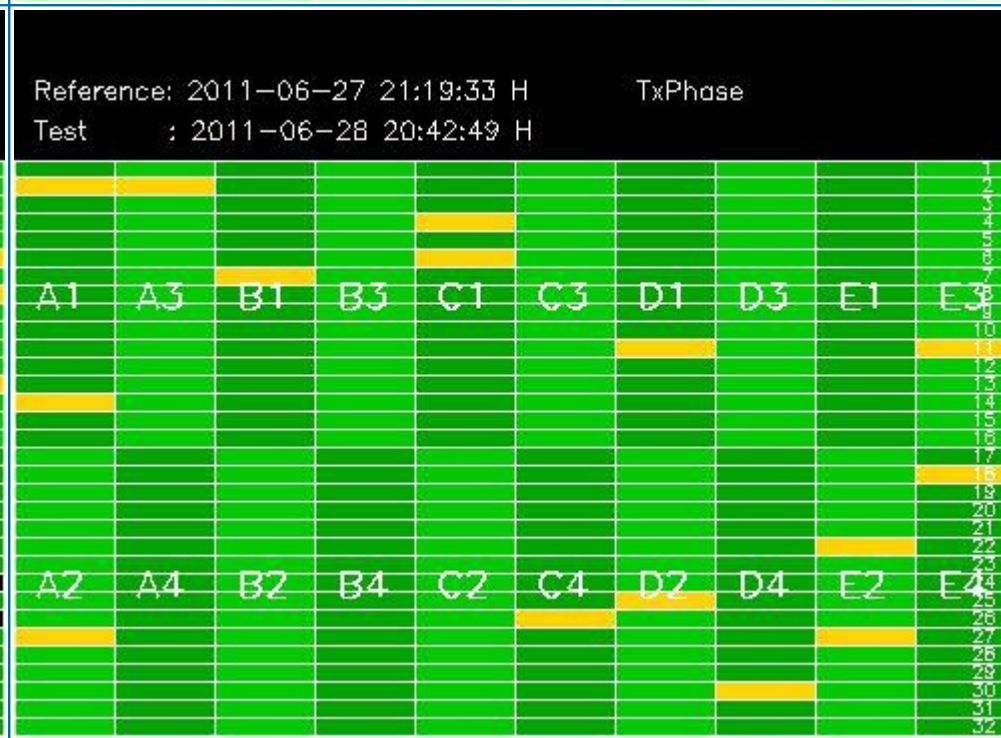
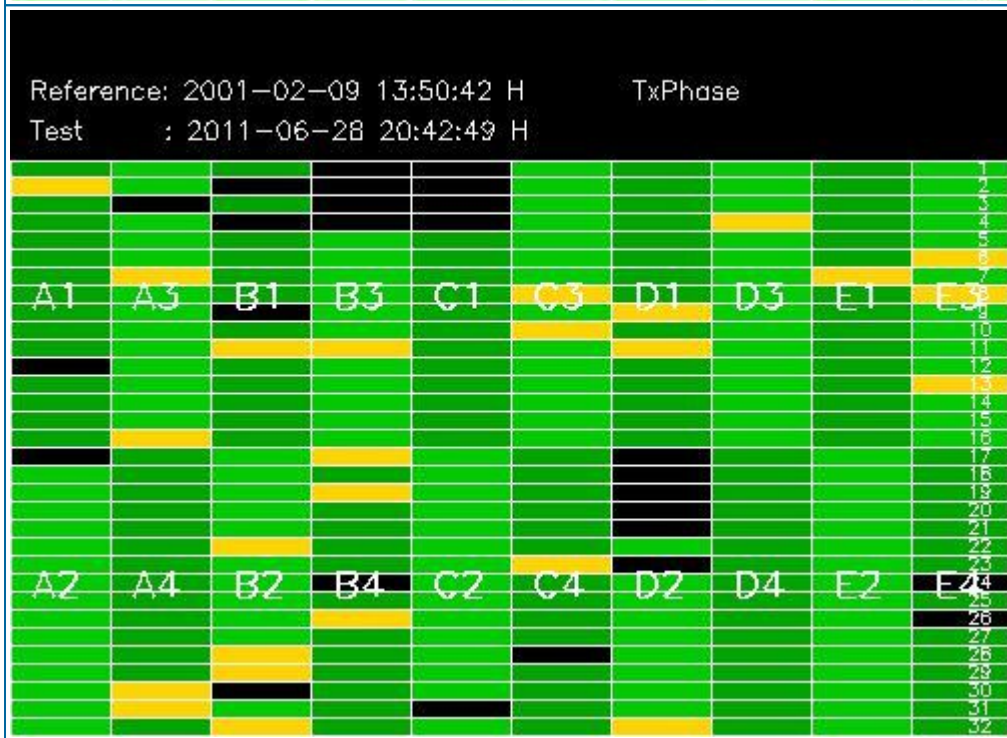
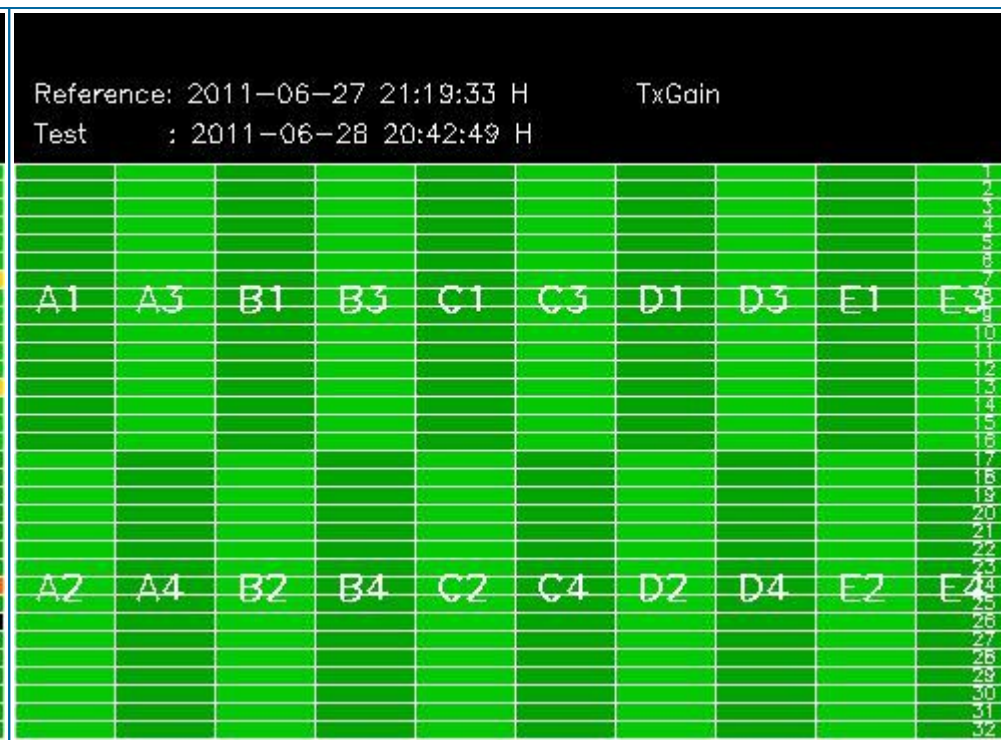
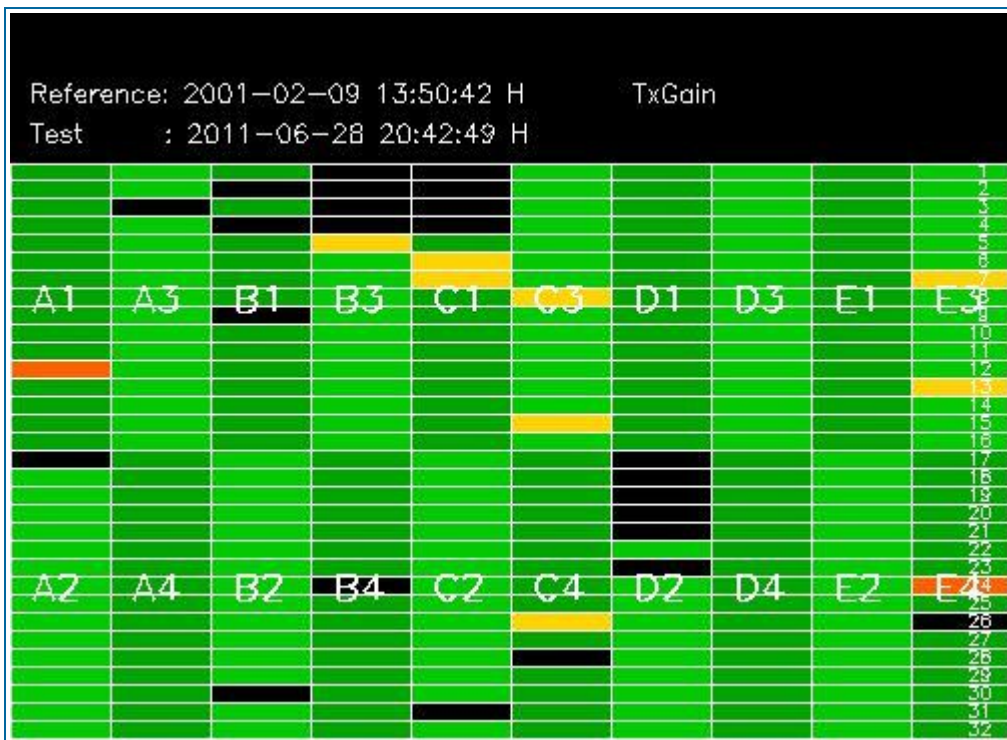
### 3.2 - H/H polarisation

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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

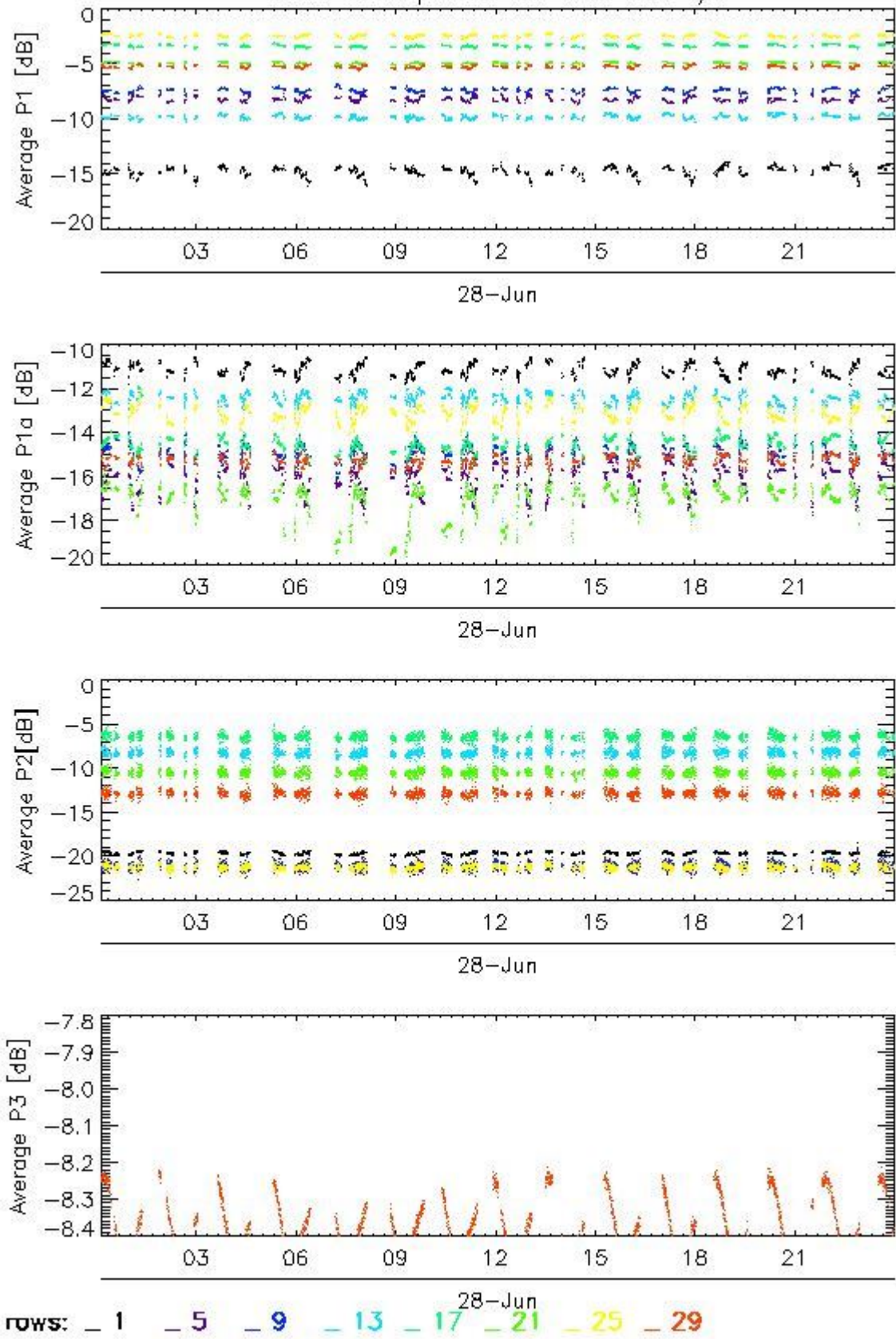
[ BACK TO MENU ]

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

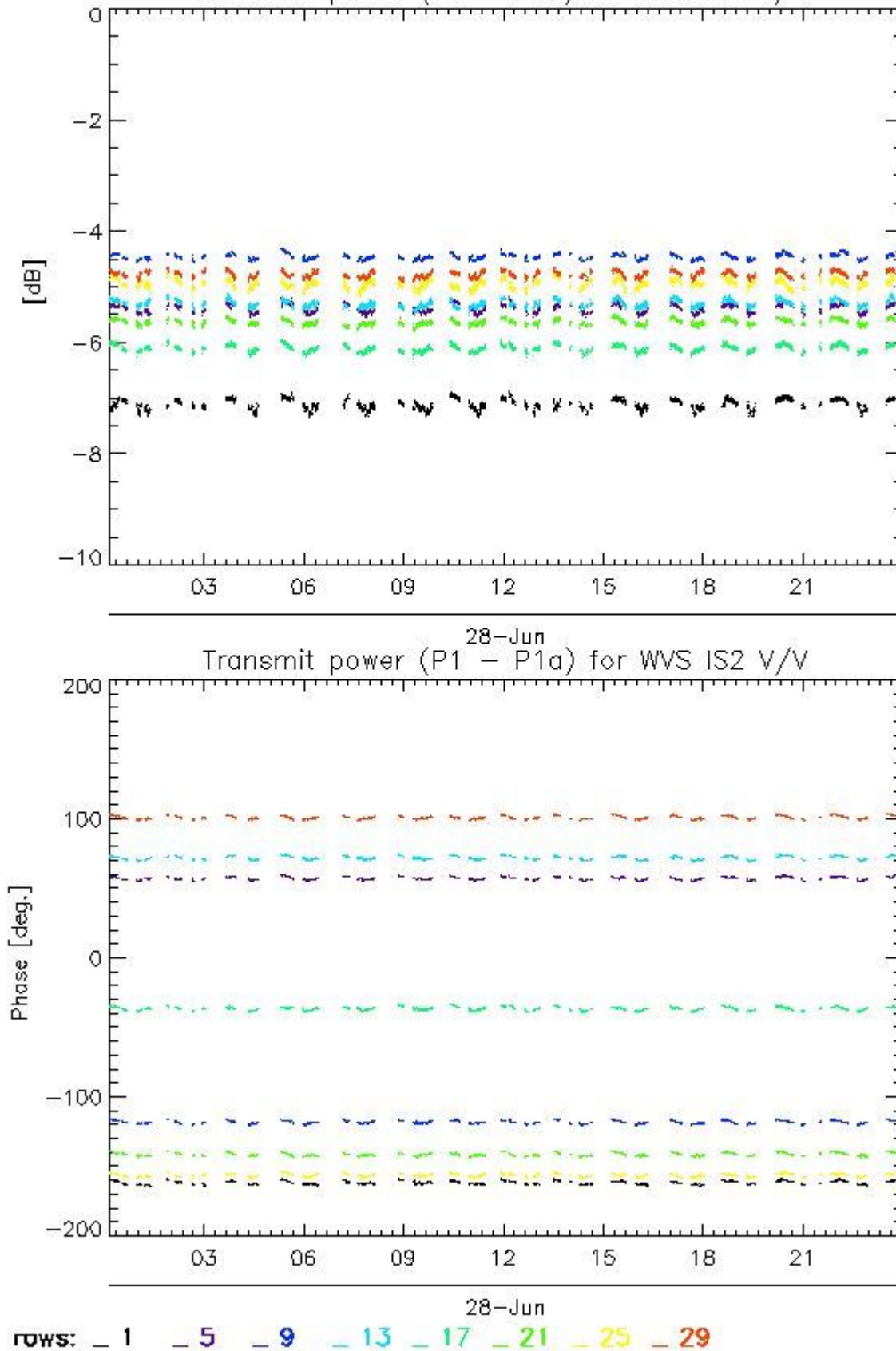
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for WVS IS2 V/V



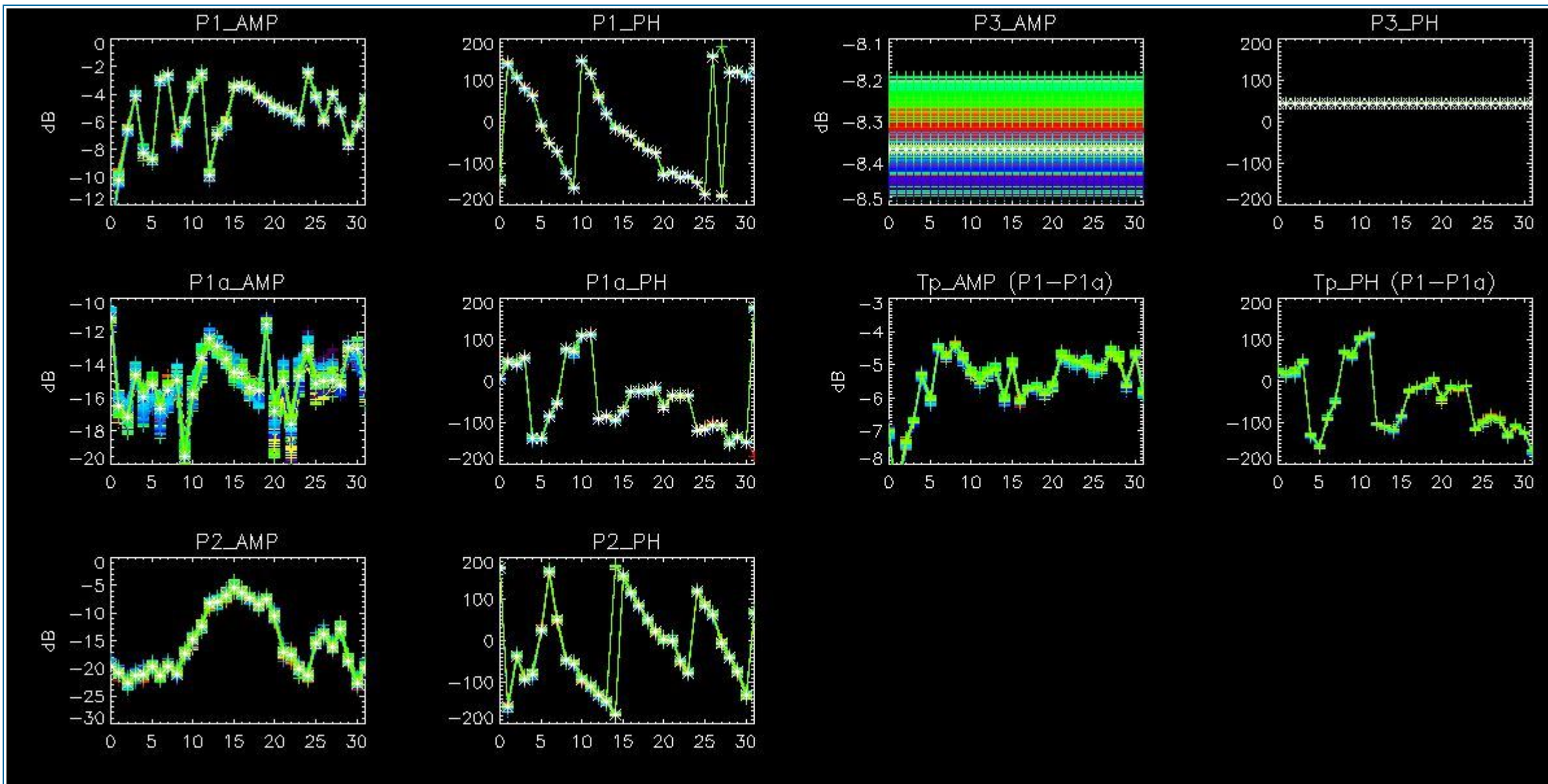
Transmit power (P1 - P1a) for WVS IS2 V/V



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

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## 4.2 - Analysis for GM1 SS3 H/H

### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

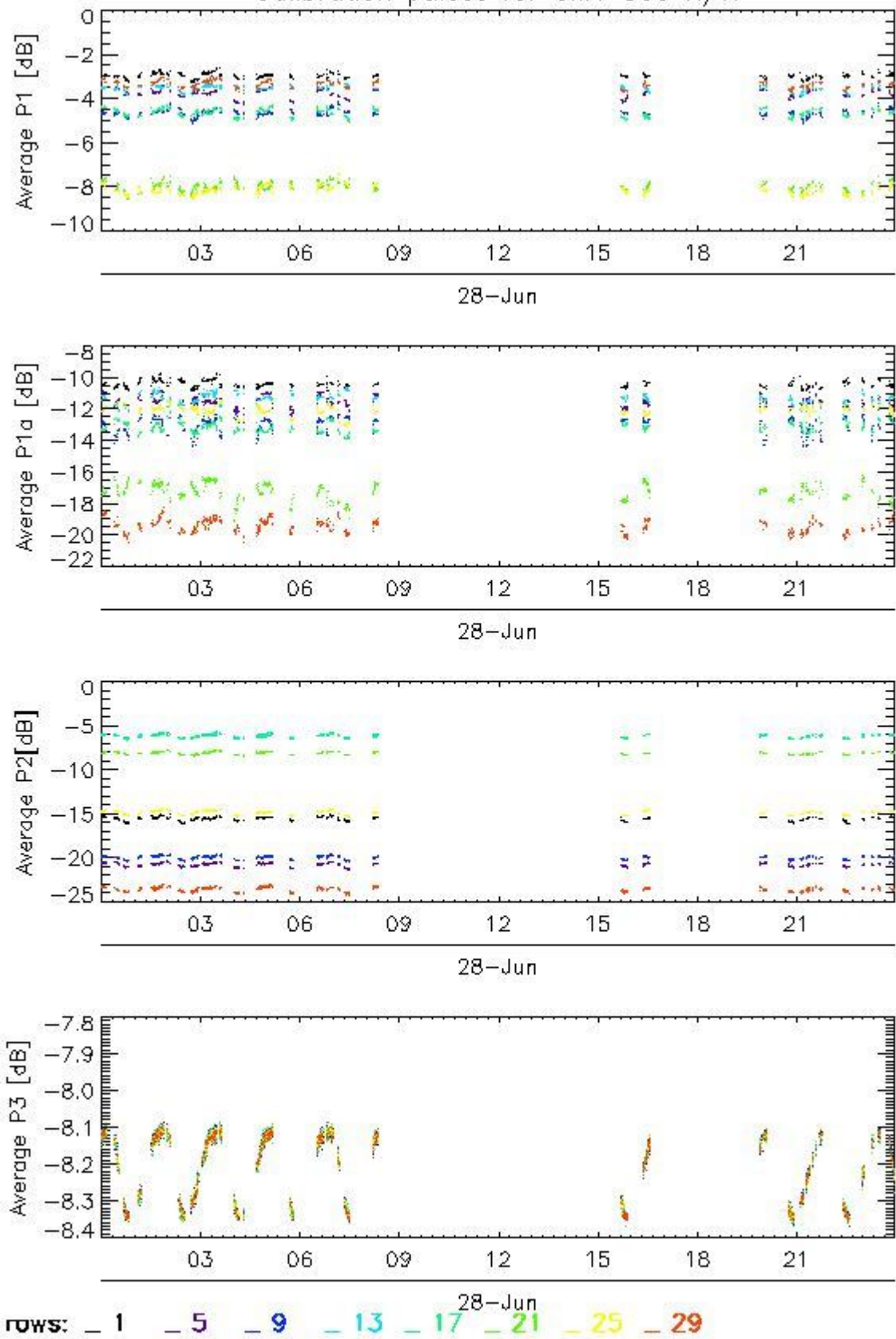
[ BACK TO MENU ]

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

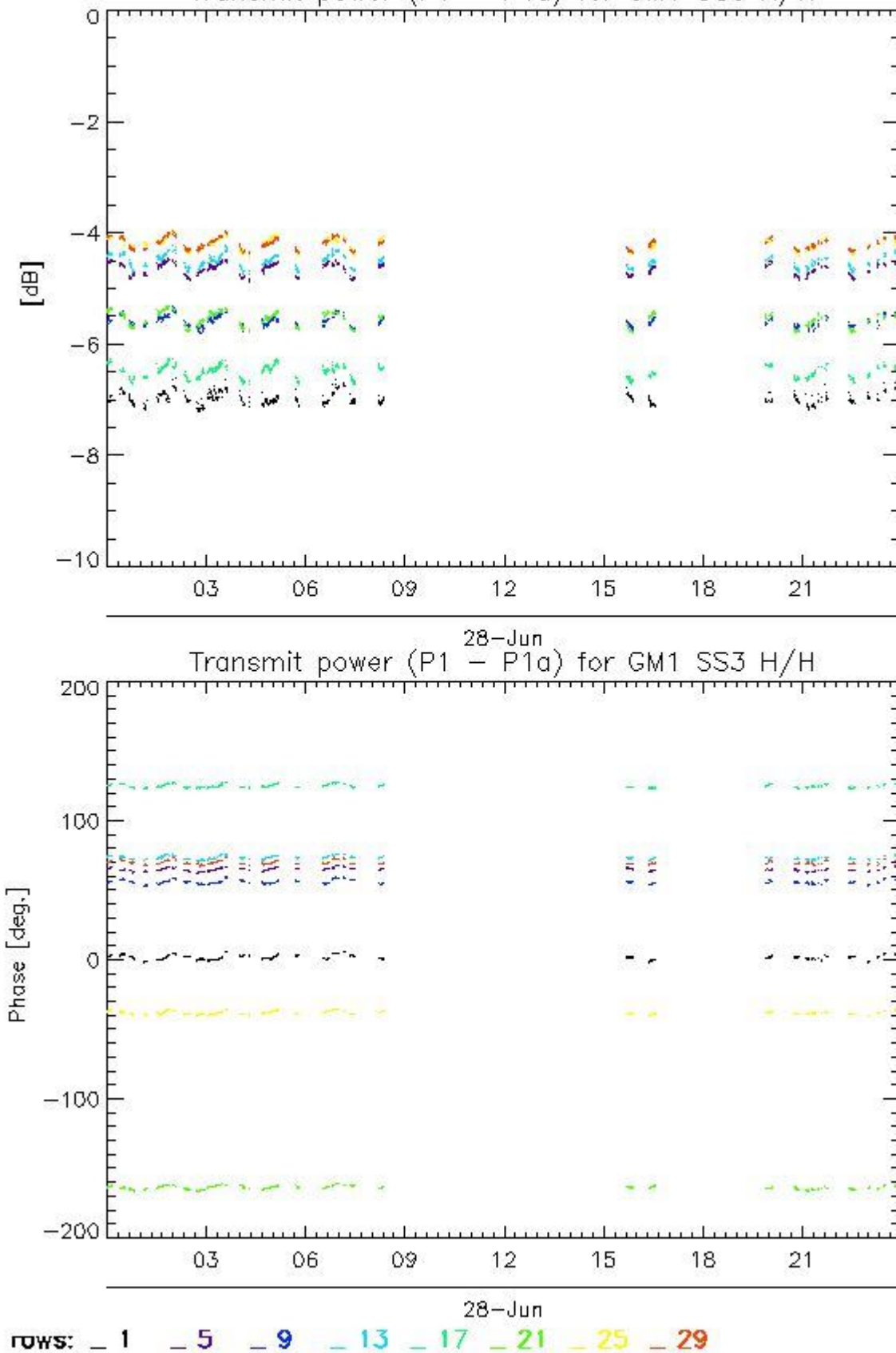
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



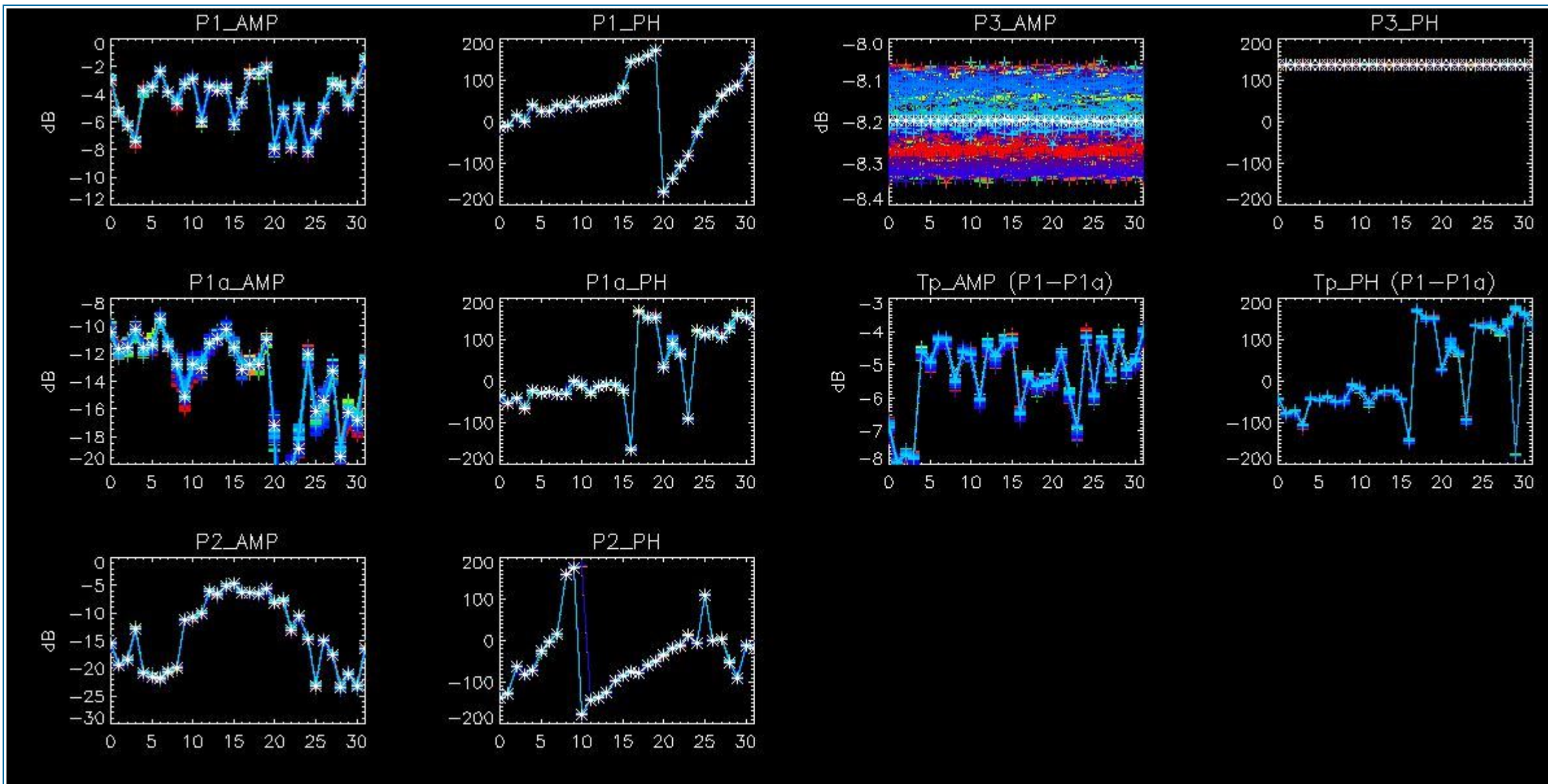
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

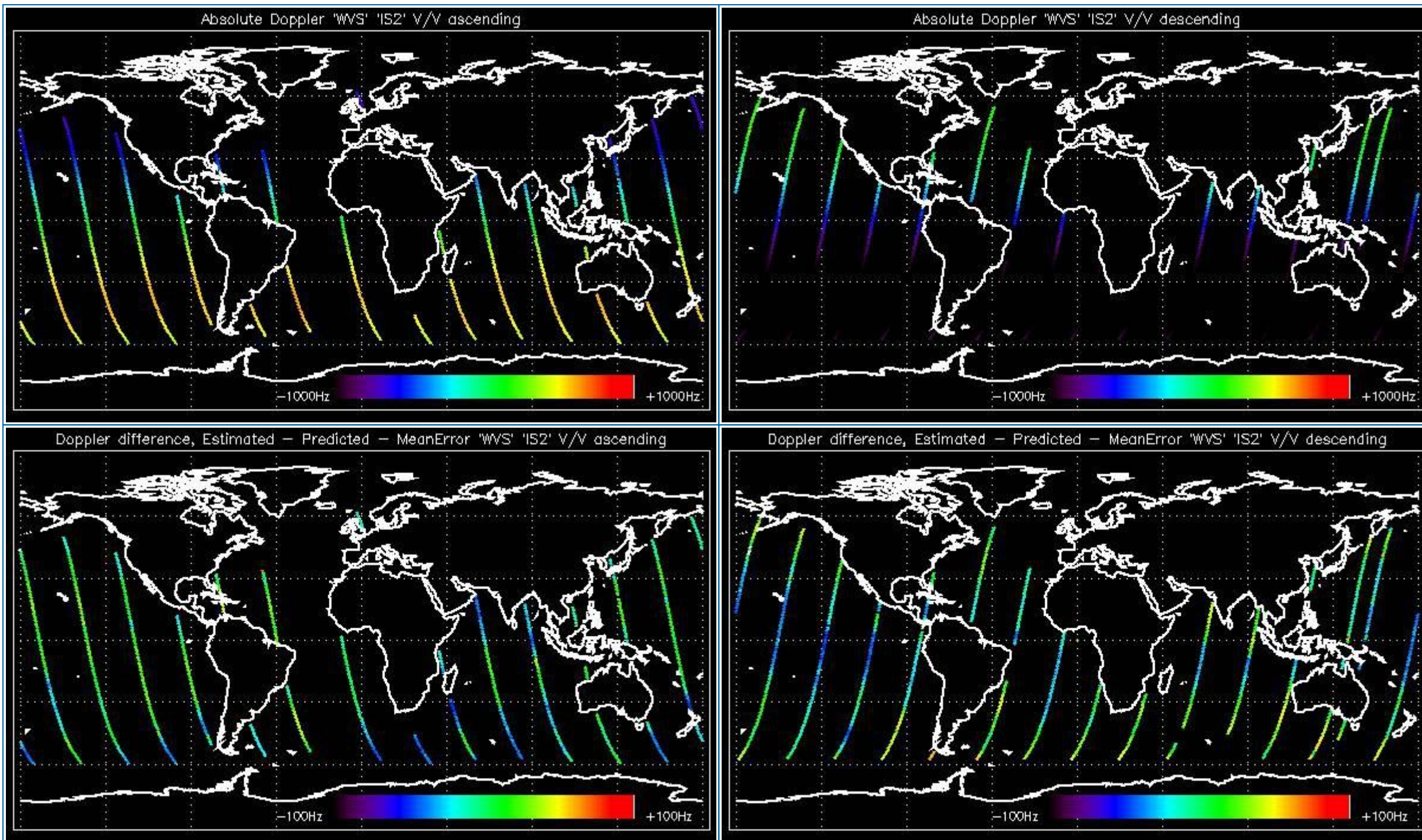
### 5.1 - Analysis for WVS IS2 V/V

#### 5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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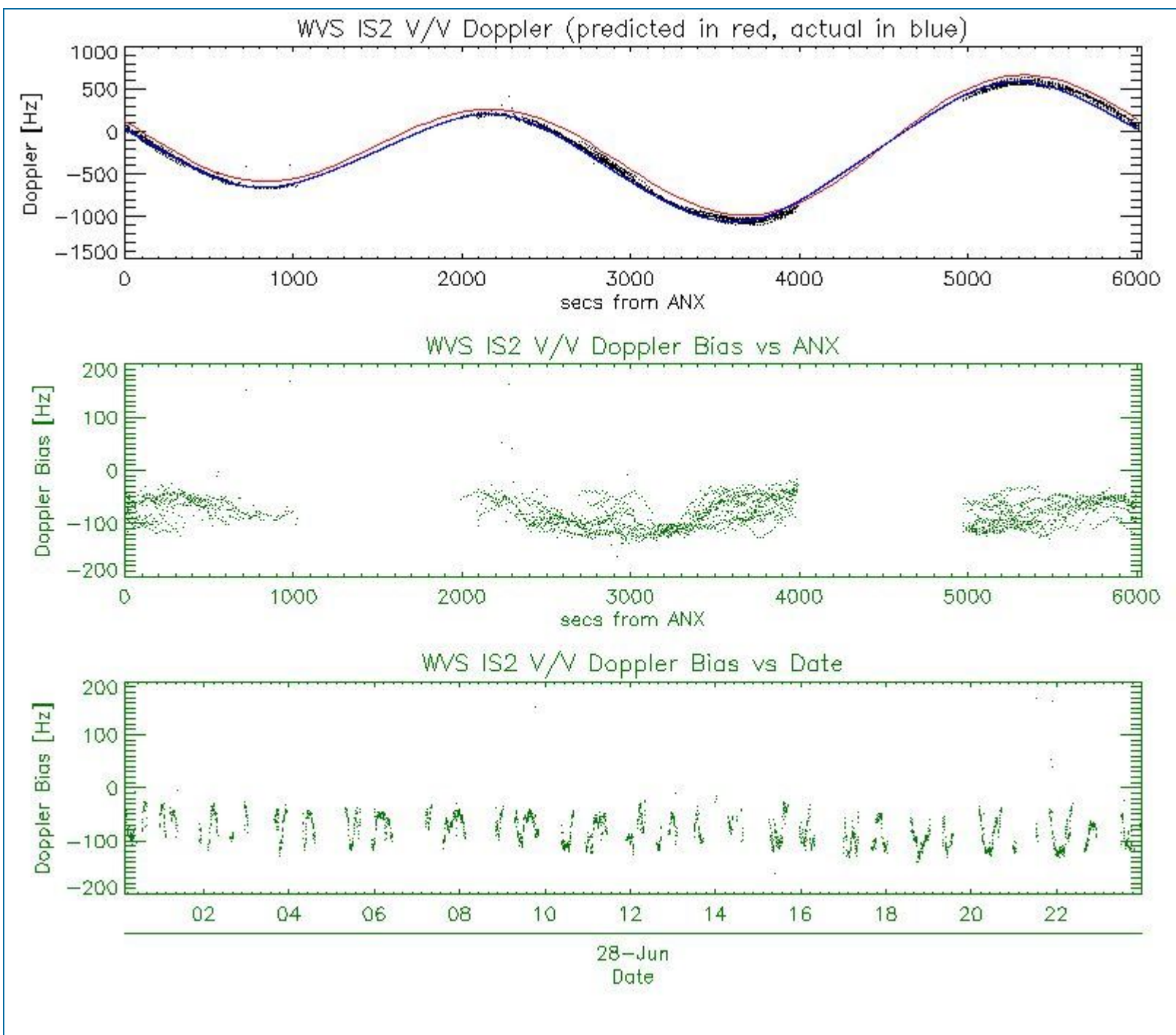




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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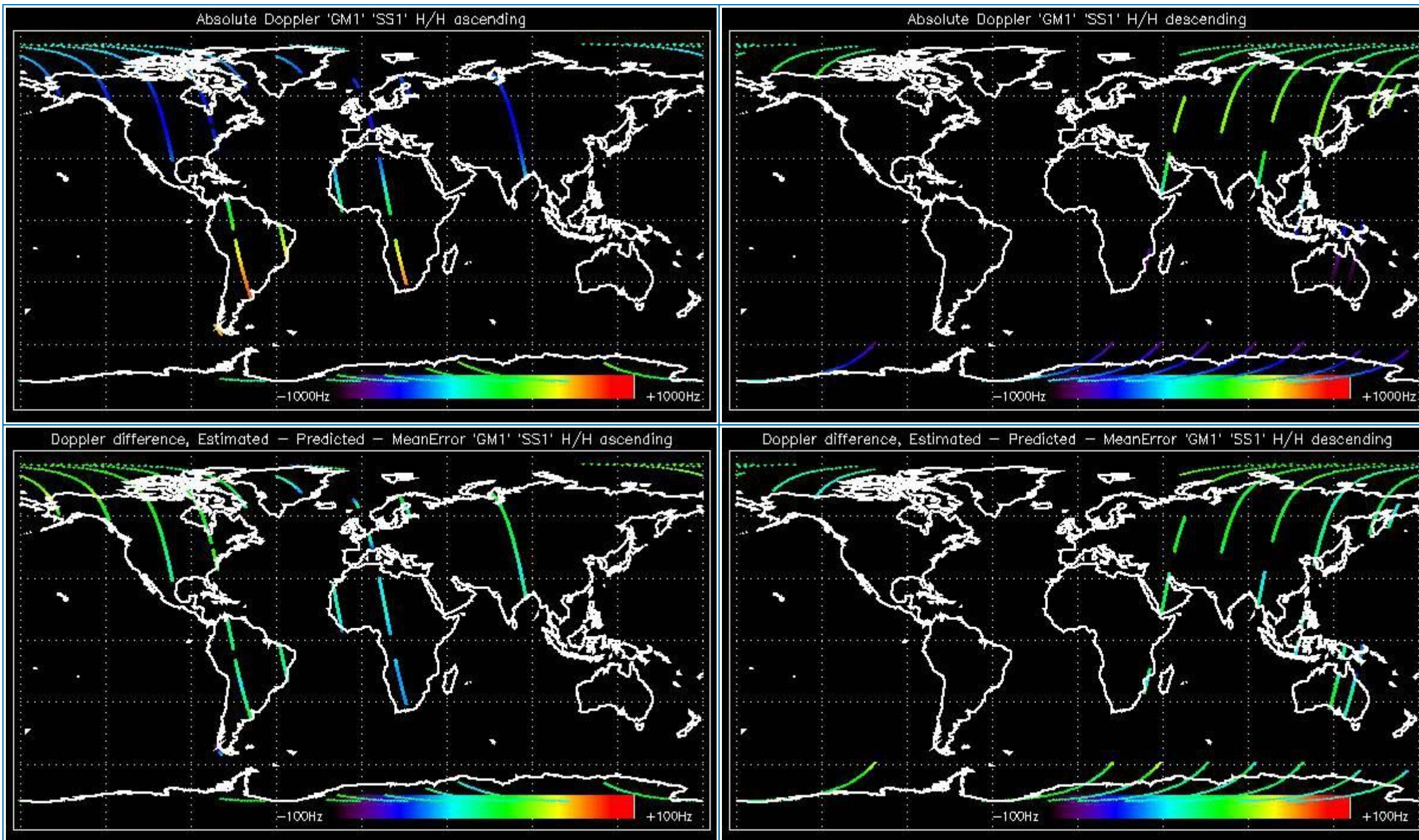
## 5.2 - Analysis for GM1 SS1 H/H

### 5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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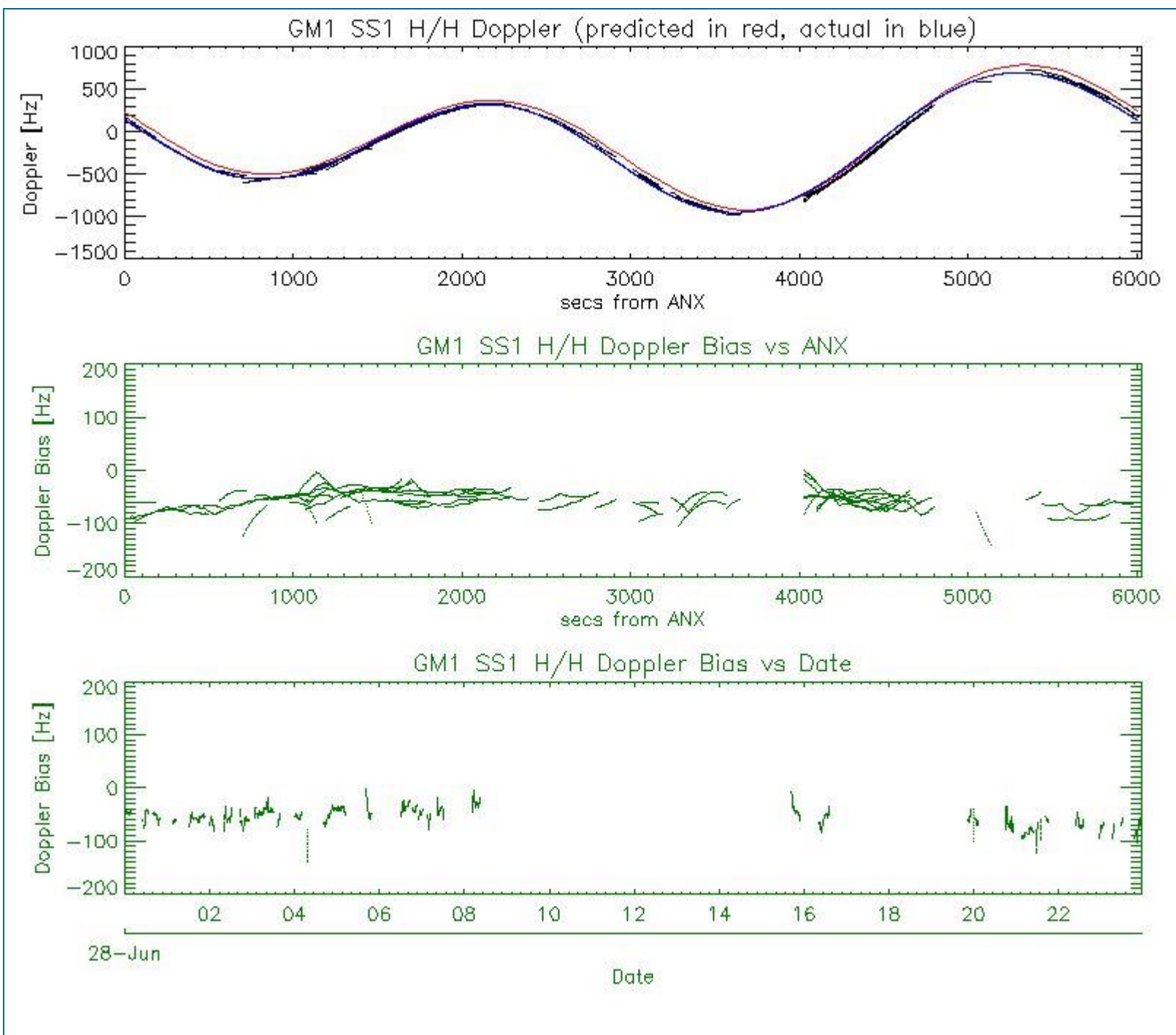




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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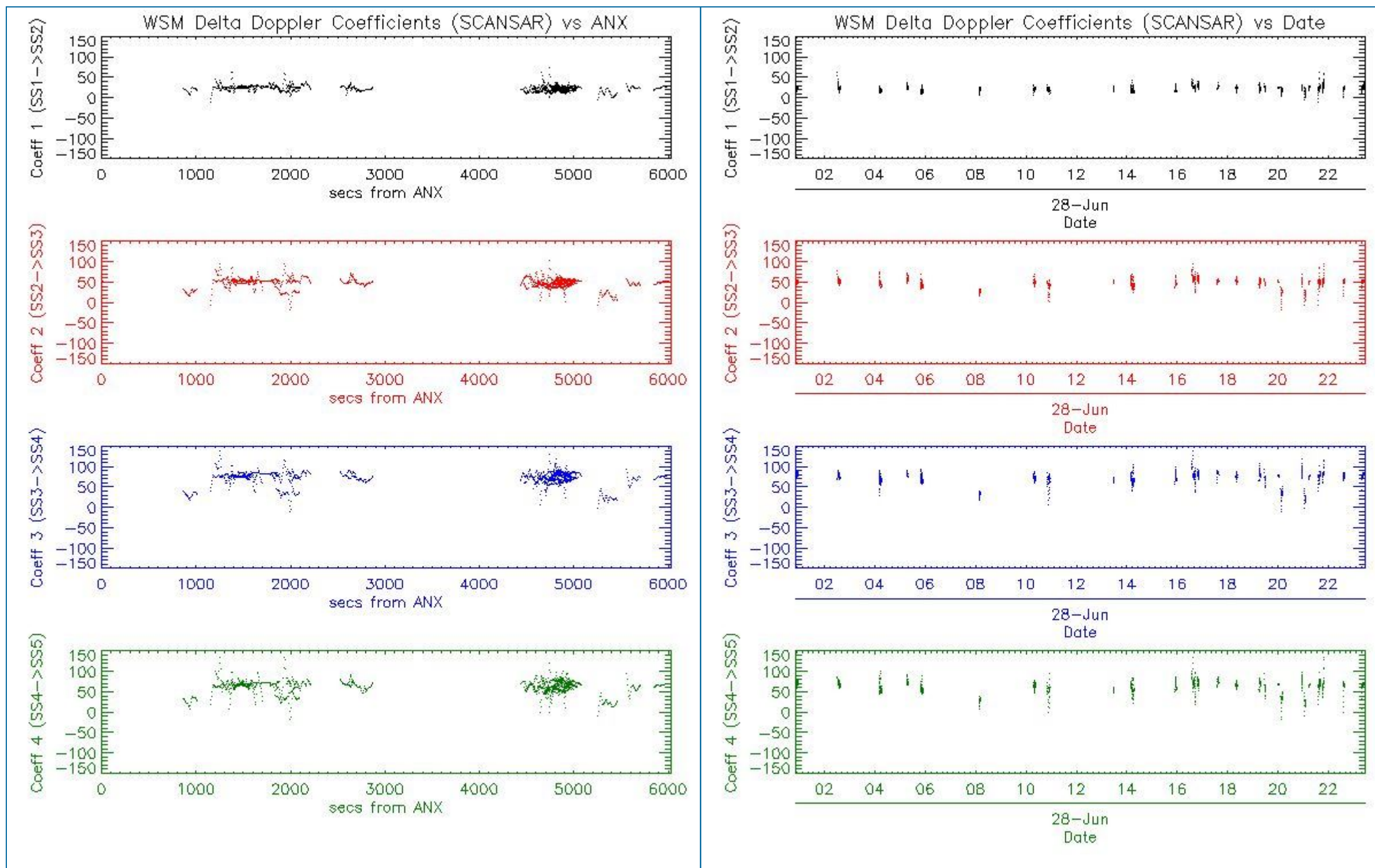


### 5.3 - Doppler JUMPS Analysis for WSM

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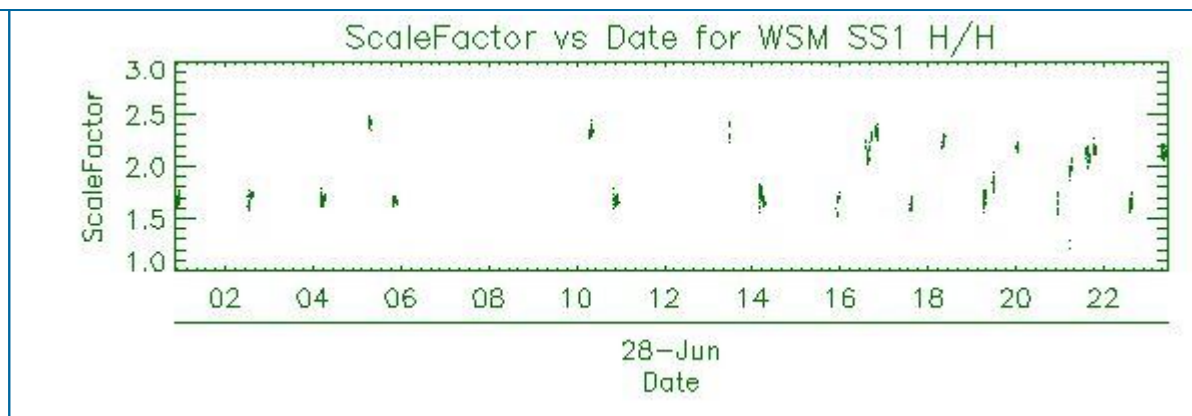
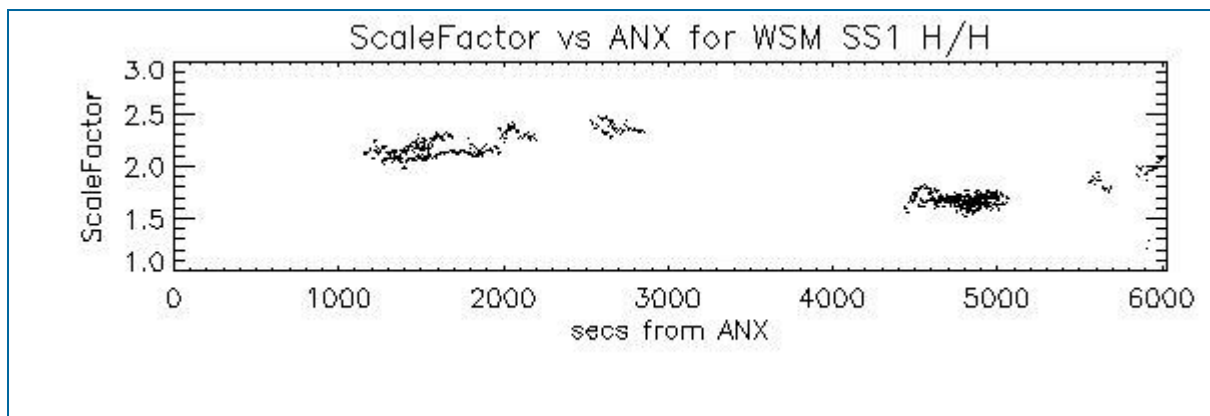
## 6 - CHIRP ANALYSIS

### 6.1 - Analysis for WSM SS1 H/H

#### 6.1.1 - ScaleFactor

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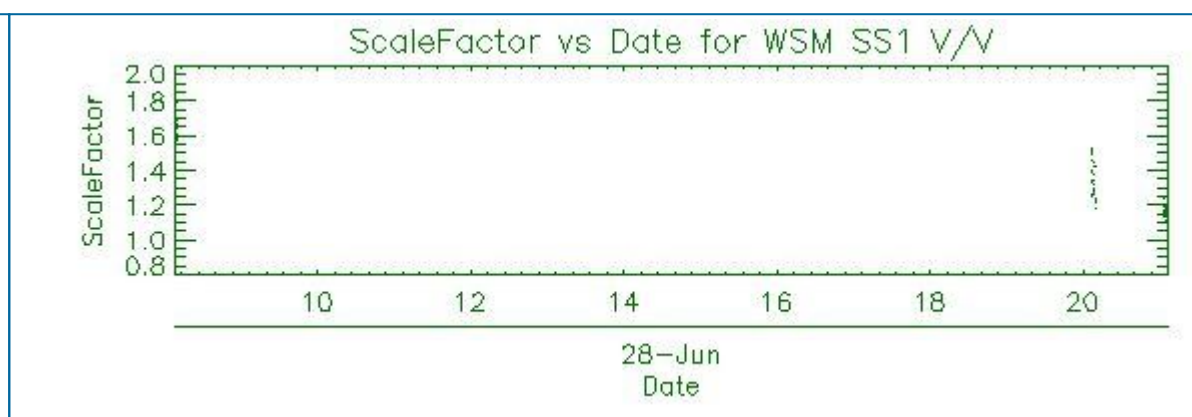
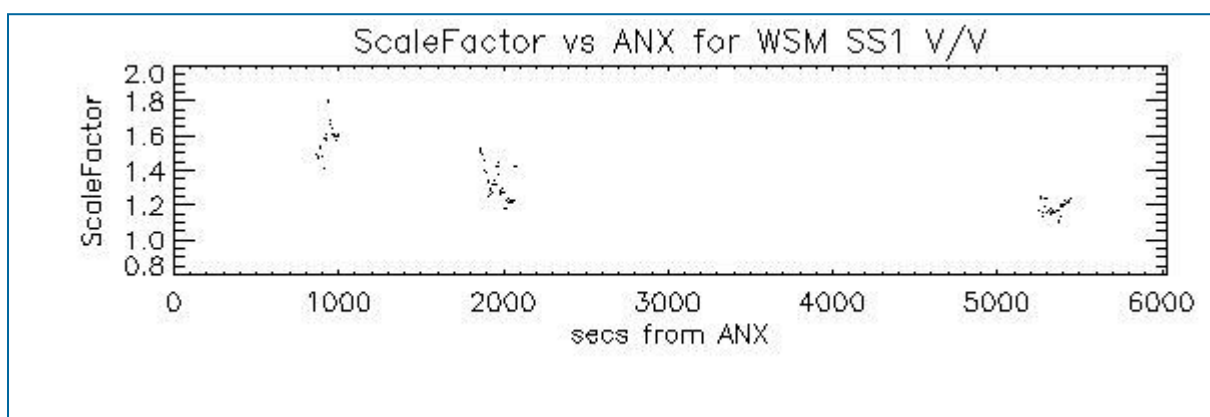




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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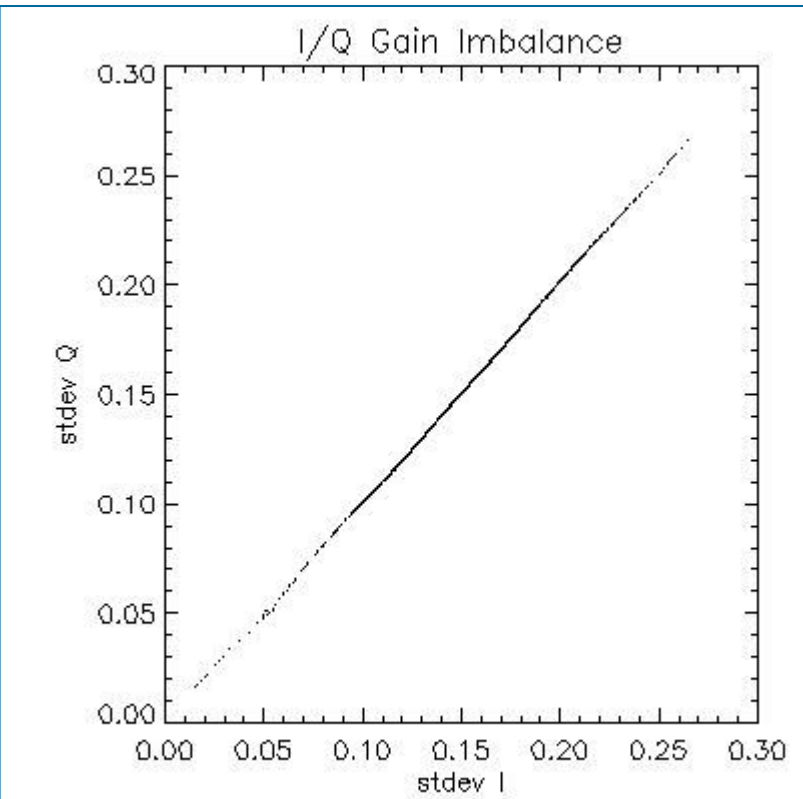
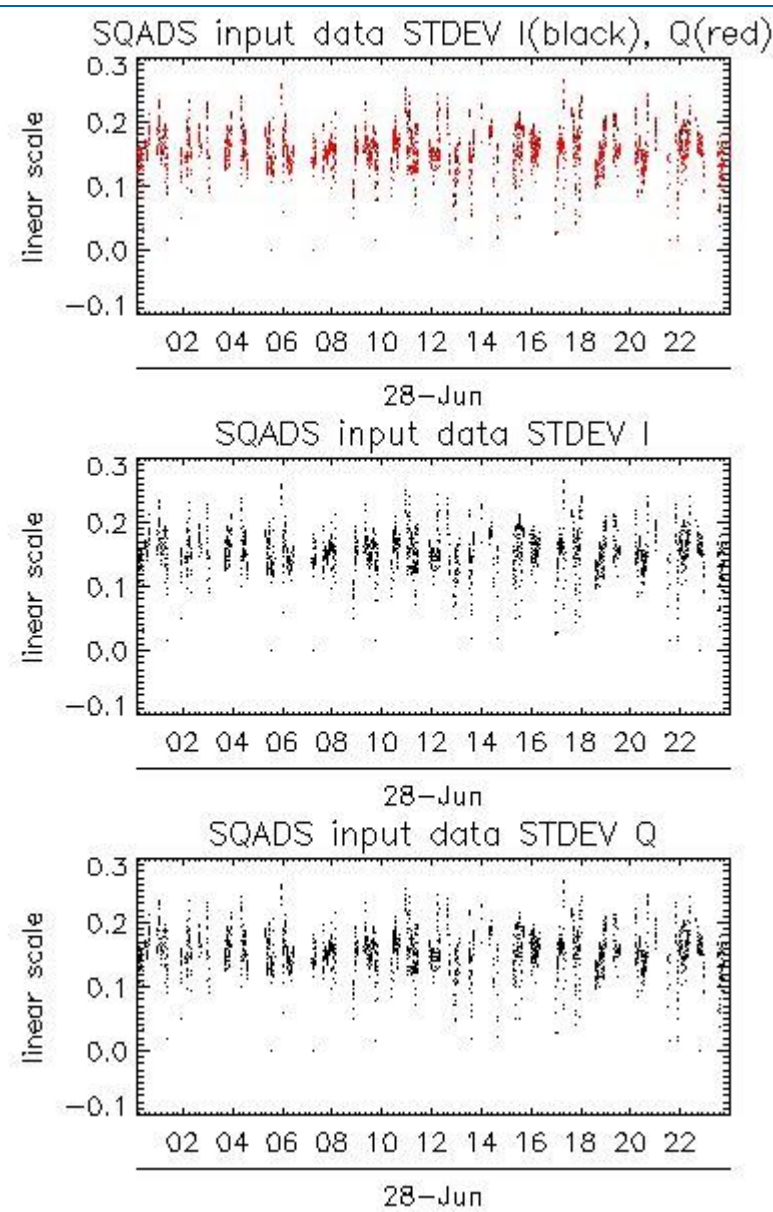
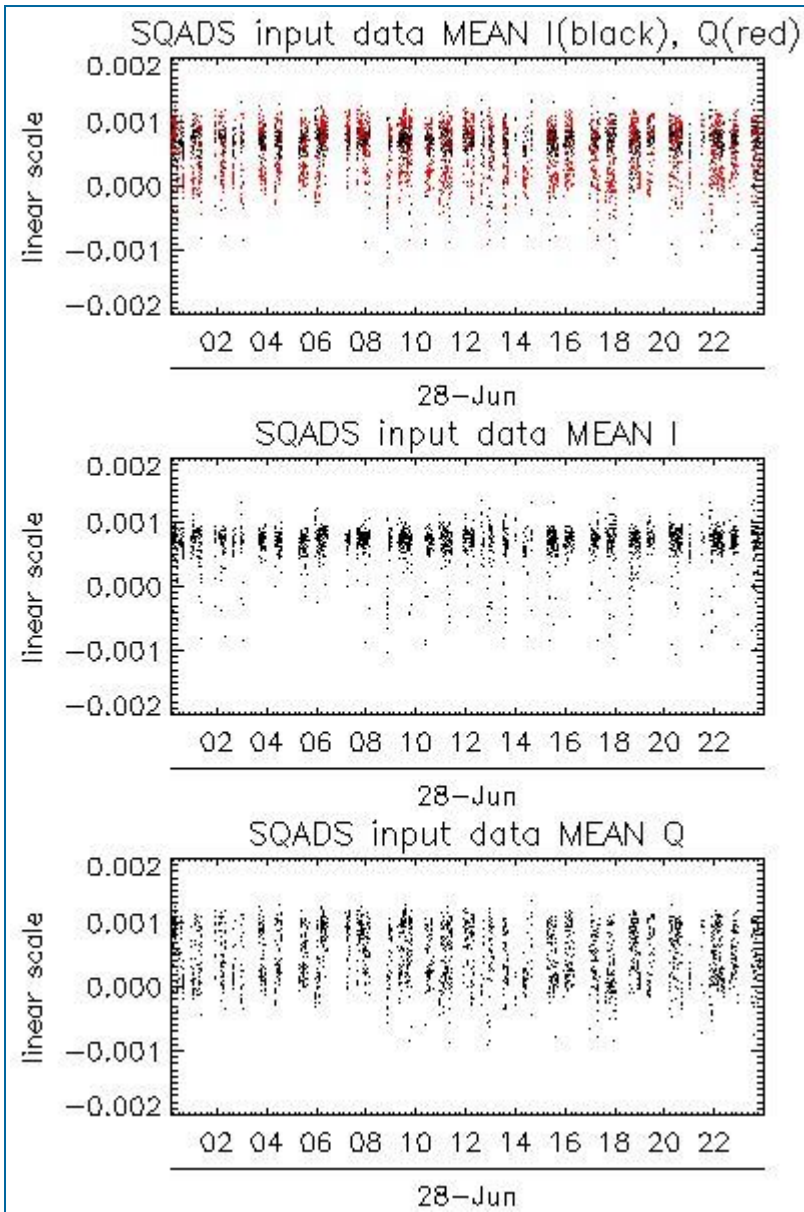
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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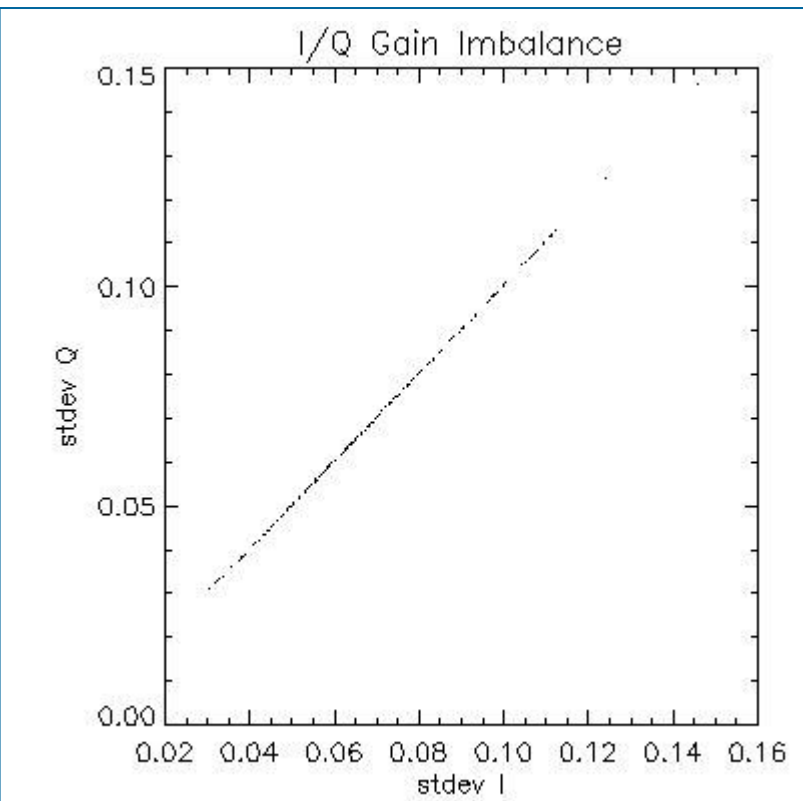
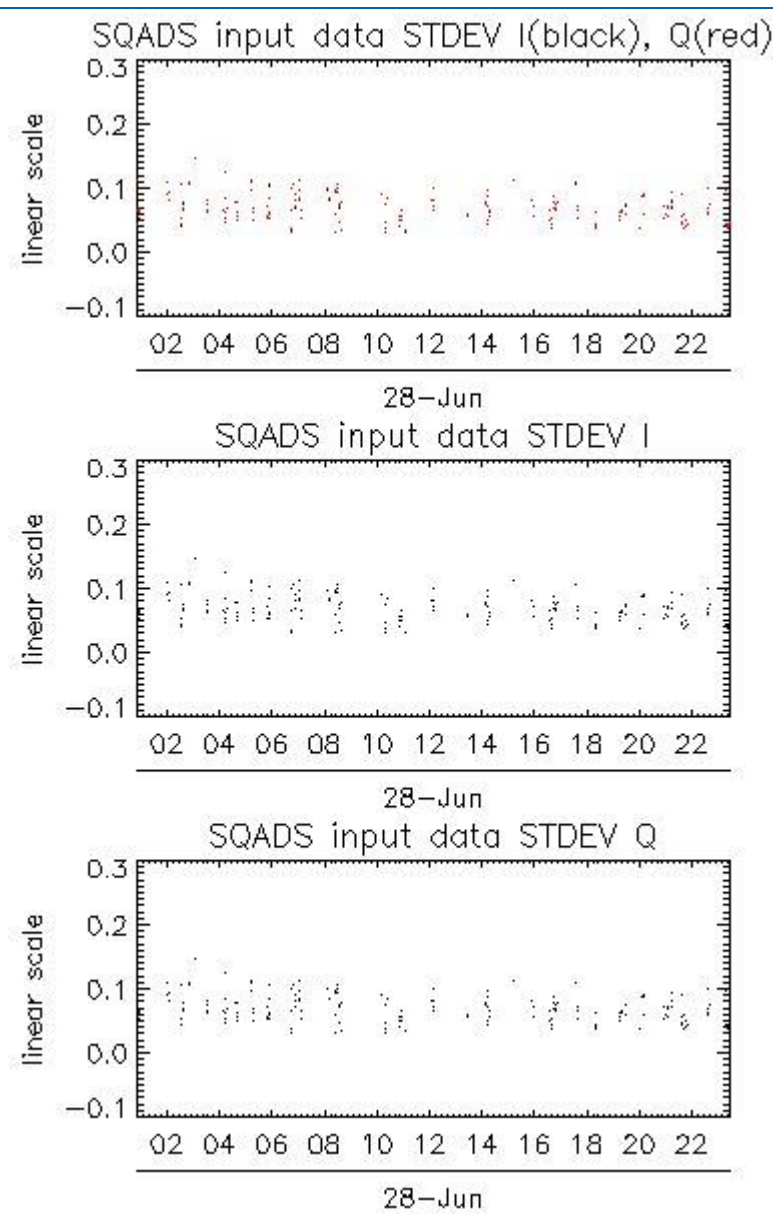
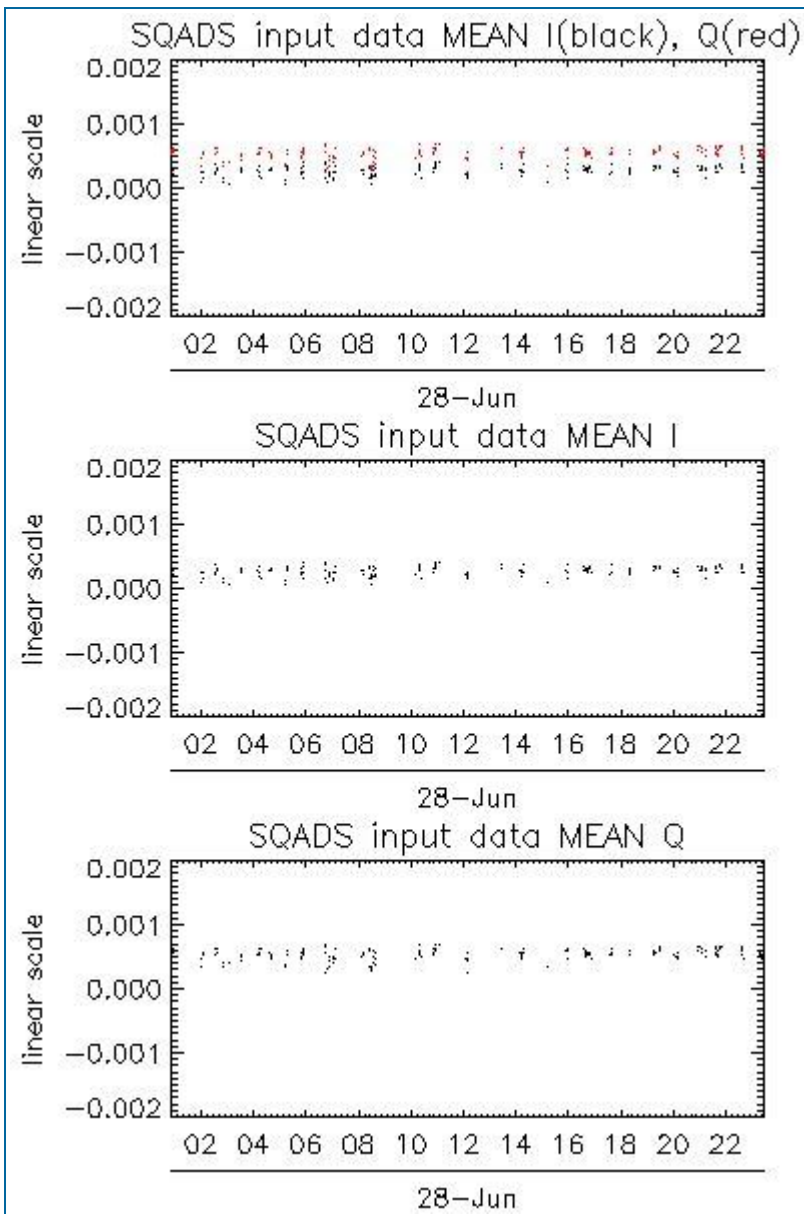


Channel	Statistics	DSS-B
MEAN I	mean	0.000660122
	stdev	9.28240e-08
MEAN Q	mean	0.000511694
	stdev	1.84547e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.154208
	stdev	0.00111873
STDEV Q	mean	0.154798
	stdev	0.00114505

## 7.2 - Analysis for IMM

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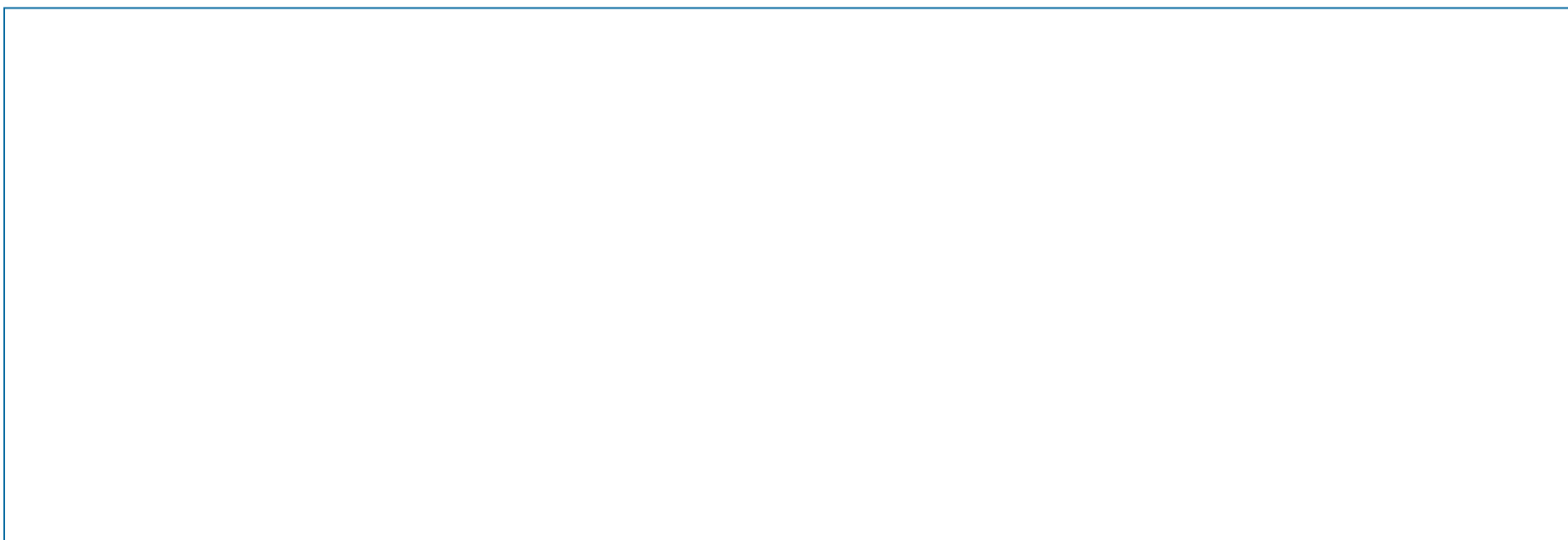


Channel	Statistics	DSS-B
MEAN I	mean	0.000266949
	stdev	5.27671e-09
MEAN Q	mean	0.000532644
	stdev	7.77209e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0685038
	stdev	0.000458549
STDEV Q	mean	0.0687907
	stdev	0.000463281

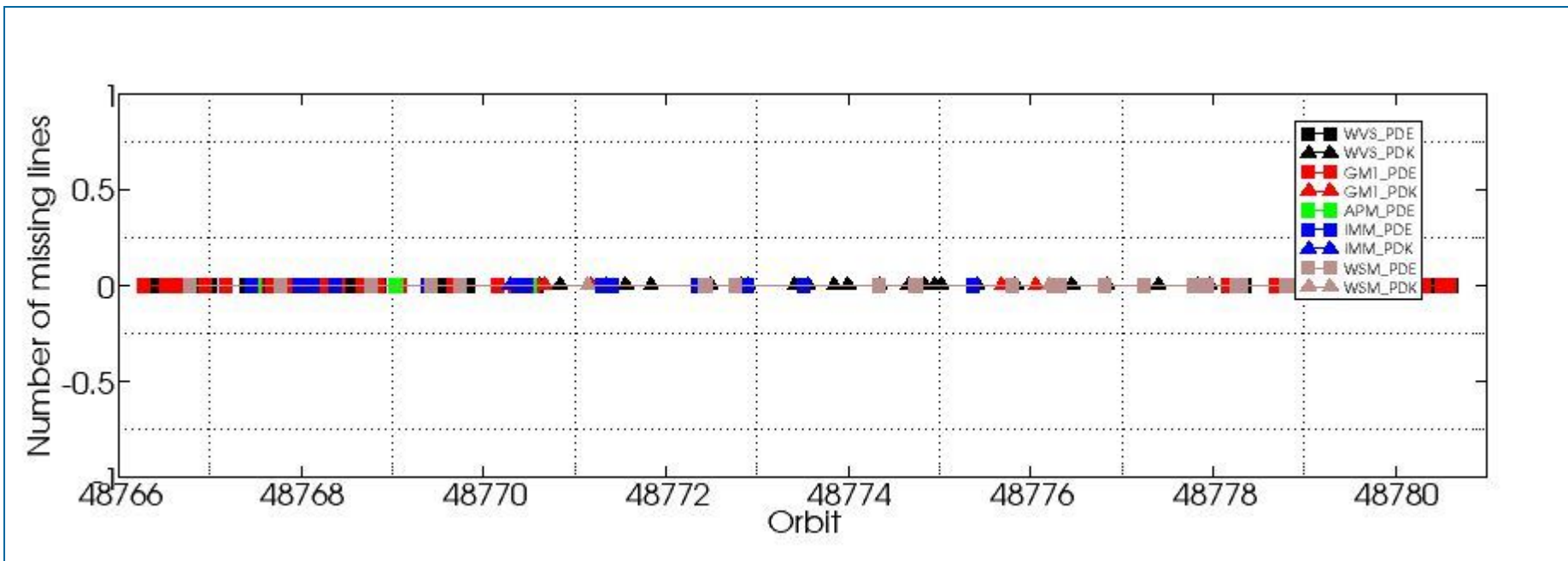
## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

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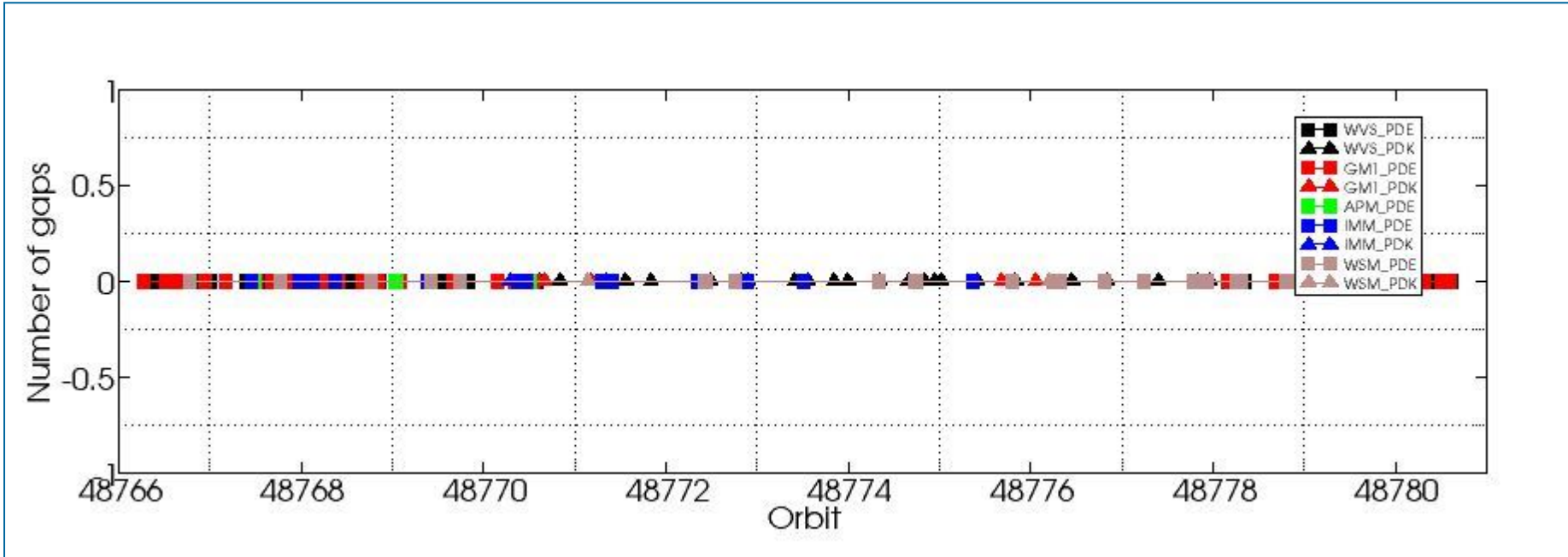






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110628  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-06-28 00:00:00

Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110628/

DATA SUMMARY  
#####  
Summary will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110628/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110628/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110628/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110628/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110628/AUXILIARY...

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





ADF filter 20110628\*current\_3\_IECF\_ADFs.txt  
 Found list 20110628\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20110526\_075001\_20101027\_215740\_20141231\_000000  
 ASA\_INS\_AXVIEC20110124\_114858\_20101228\_112000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20110526\_075734\_20101027\_215740\_20141231\_000000

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110628_000842_000008693104_00045_48766_2903.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_002549_000000593104_00045_48766_2905.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_003236_000004053104_00045_48766_2907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_005741_000003153104_00045_48766_2908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_010211_000002693104_00045_48766_2926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_011238_000005843104_00045_48766_2932.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_015310_000001943104_00046_48767_2945.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_020558_000008103104_00046_48767_2943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_023718_000002553104_00046_48767_2939.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_025630_000003293104_00047_48768_2934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_033916_000007943104_00047_48768_2933.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_035216_000002403104_00047_48768_2984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_041908_000010493104_00047_48768_2988.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_051837_000009743104_00048_48769_2990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_053422_000000753104_00048_48769_3036.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_053756_000001203104_00048_48769_3037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_055638_000017243104_00048_48769_3049.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_071122_000002403104_00049_48770_3048.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_201043_000018893104_00057_48778_3122.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_205844_000002403104_00057_48778_3168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_213051_000001353104_00058_48779_3170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_214916_000019943104_00058_48779_3172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_223929_000003443104_00058_48779_3181.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_224430_000007193104_00058_48779_3193.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_233108_000009143104_00059_48780_3194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_234925_000000443104_00059_48780_3195.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110628_235716_000003153104_00059_48780_3198.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_071452_000003303104_00049_48770_5286.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_073652_000018593104_00049_48770_5293.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_085004_000006303104_00050_48771_5318.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_091706_000020243104_00050_48771_5320.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_102316_000010493104_00051_48772_5346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_105720_000003153104_00051_48772_5345.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_110356_000014393104_00051_48772_5349.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_115457_000006143104_00052_48773_5362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_121015_000006453104_00052_48773_5363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_123750_000003303104_00052_48773_5375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_125401_000006903104_00052_48773_5378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_125401_000006903104_00052_48773_5380.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_132934_000007643104_00053_48774_5406.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_140014_000000603104_00053_48774_5407.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_141755_000004053104_00053_48774_5410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_142937_000000893104_00053_48774_5411.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5415.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_151601_000015293104_00054_48775_5439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_155821_000012893104_00054_48775_5441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_170020_000012743104_00055_48776_5464.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20110628_173902_000013493104_00055_48776_5469.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_183451_000016193104_00056_48777_5488.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_191909_000004953104_00056_48777_5489.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110628_193101_000001793104_00056_48777_5492.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_GM1.txt...

```
ASA_GM1_1PNPDE20110628_002357_000001083104_00045_48766_2904.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_002731_000003023104_00045_48766_2906.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_004002_000006283104_00045_48766_2909.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_010722_000003143104_00045_48766_2928.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_013059_000013293104_00046_48767_2947.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_015941_000001263104_00046_48767_2946.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_020329_000001443104_00046_48767_2944.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_022016_000006283104_00046_48767_2942.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_024216_000000903104_00046_48767_2941.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_024353_000003983104_00046_48767_2940.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_025157_000002713104_00046_48767_2938.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_030244_000001633104_00047_48768_2937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_030618_000004593104_00047_48768_2936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_031446_000009243104_00047_48768_2935.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_033416_000002953104_00047_48768_2948.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_040030_000005433104_00047_48768_2985.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_041734_000000903104_00047_48768_2986.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_044123_000018313104_00048_48769_2991.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_054045_000004413104_00048_48769_3038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_062958_000007433104_00049_48770_3039.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_064716_000002893104_00049_48770_3041.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_065454_000003503104_00049_48770_3042.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_070756_000002053104_00049_48770_3050.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_195207_000001993104_00057_48778_3120.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_195907_000000663104_00057_48778_3119.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_200209_000002653104_00057_48778_3121.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_204407_000007013104_00057_48778_3123.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_210657_000003683104_00057_48778_3165.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_211628_000004653104_00058_48779_3169.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_212736_000001503104_00058_48779_3167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_213350_000000723104_00058_48779_3166.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_214145_000002353104_00058_48779_3171.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_222421_000006283104_00058_48779_3180.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_225710_000003863104_00059_48780_3188.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_231604_000001503104_00059_48780_3189.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_232748_000001993104_00059_48780_3192.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_234657_000001443104_00059_48780_3191.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_235057_000002773104_00059_48780_3196.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110628_235543_000000843104_00059_48780_3197.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110628_072059_000005673104_00049_48770_5287.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110628_081104_000006283104_00050_48771_5294.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110628_154208_000007613104_00054_48775_5440.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110628_162034_000008883104_00055_48776_5442.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20110628_020148_000000843104_00046_48767_2924.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110628_043724_000002193104_00048_48769_2980.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110628_070539_000001163104_00049_48770_3035.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20110628_015822_000000633104_00046_48767_2925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_025030_000000793104_00046_48767_2931.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_030528_000000383104_00047_48768_2930.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_033008_000002393104_00047_48768_2923.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_051152_000001583104_00048_48769_2981.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_065204_000001583104_00049_48770_3033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_070040_000002323104_00049_48770_3034.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_082308_000002483104_00050_48771_3062.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_083244_000000993104_00050_48771_3063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_083531_000002333104_00050_48771_3064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_100922_000000393104_00051_48772_3083.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_110312_000000373104_00051_48772_3096.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_120549_000002603104_00052_48773_3097.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110628_151211_000000373104_00054_48775_3112.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110628_064221_000002853104_00049_48770_5275.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110628_082753_000002203104_00050_48771_5305.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110628/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20110628_005109_000003923104_00045_48766_2901.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_023047_000003923104_00046_48767_2927.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_040935_000003923104_00047_48768_2979.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_051545_000001713104_00048_48769_2983.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_054806_000004533104_00048_48769_3032.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_101734_000002813104_00051_48772_3084.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_105037_000003923104_00051_48772_3095.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_132744_000001103104_00053_48774_3109.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_140839_000005513104_00053_48774_3110.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_155450_000002143104_00054_48775_3111.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_163917_000002693104_00055_48776_3113.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_164809_000002513104_00055_48776_3115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_173530_000002143104_00055_48776_3114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_181845_000002513104_00056_48777_3116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_191437_000002753104_00056_48777_3117.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_192808_000001533104_00056_48777_3118.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_200021_000001043104_00057_48778_3131.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_200636_000002513104_00057_48778_3133.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_205553_000001533104_00057_48778_3124.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_210319_000002143104_00057_48778_3130.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_211307_000001903104_00057_48778_3134.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_213508_000003923104_00058_48779_3173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_214545_000002143104_00058_48779_3182.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_223458_000002753104_00058_48779_3164.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110628_231841_000005443104_00059_48780_3207.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110628_080829_000001533104_00050_48771_5303.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110628_163524_000002083104_00055_48776_5450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110628/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110628/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_110628/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

\*\*\*\*\*  
\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_00000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDE20110628\_204249\_000000163104\_00057\_48778\_0349.N1  
H  
H

../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110628\_204249-20010209\_135042.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110628\_204249-20010209\_135042.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110628\_204249-20010209\_135042.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110628\_204249-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_00000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDE20110628\_222303\_000000163104\_00058\_48779\_0350.N1  
V  
V

../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110628\_222303-20010209\_140823.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110628\_222303-20010209\_140823.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110628\_222303-20010209\_140823.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110628\_222303-20010209\_140823.png

\*\*\*\*\*  
\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDE20110627\_211933\_000000163104\_00043\_48764\_0347.N1  
Test product: ASA\_MS\_\_0PNPDE20110628\_204249\_000000163104\_00057\_48778\_0349.N1  
H  
H

../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110628\_204249-20110627\_211933.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110628\_204249-20110627\_211933.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110628\_204249-20110627\_211933.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110628\_204249-20110627\_211933.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDE20110627\_225947\_000000163104\_00044\_48765\_0348.N1  
Test product: ASA\_MS\_\_0PNPDE20110628\_222303\_000000163104\_00058\_48779\_0350.N1  
V  
V

../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110628\_222303-20110627\_225947.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110628\_222303-20110627\_225947.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110628\_222303-20110627\_225947.png  
../../RESULTS/DAILY/\_110628/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110628\_222303-20110627\_225947.png

MODULE\_STEPPING ANALYSIS completed

#####



CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES...

\*\*\*\*\*  
\*\*\*\*\*

ALL ROWS Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*

TEMPORAL EVOLUTION Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-06-28\_1.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-06-28\_2.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-06-28\_3.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-06-28\_4.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_110628//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 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-06-28\_1.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-06-28\_2.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-06-28\_3.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-06-28 00:00:00 to 2011-06-28 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_110628/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-06-28\_4.dat...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_110628//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...



CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110628/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER ANX Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...

Writing file ./RESULTS/DAILY/\_110628/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-06-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110628/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...

Writing file ./RESULTS/DAILY/\_110628/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-06-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110628/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER JUMPS Analysis will be performed on WSM products from 2011-06-28 00:00:00 to 2011-06-28 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...

Writing file ./RESULTS/DAILY/\_110628/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-06-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_110628/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_110628/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*

DOPPLER MAP Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 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 = -82.225752 Hz

Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -74.831455 Hz

Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_110628//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 = -51.903936 Hz  
Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -59.481274 Hz  
Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110628//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110628/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-06-28.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...  
Writing file ./RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-06-28.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_110628/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS  
#####  
Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110628/RAW\_DATA  
  
Creating directory ./RESULTS/DAILY/\_110628/RAW\_DATA...

```
*****
Getting raw data for WVS from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...
Writing file ./RESULTS/DAILY/_110628/RAW_DATA/Raw_data_WVS_2011-06-28.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2011-06-28 00:00:00 to 2011-06-28 23:59:59...
Writing file ./RESULTS/DAILY/_110628/RAW_DATA/Raw_data_IMM_2011-06-28.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_110628/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

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

```
TELEMETRY ANALYSIS
#####
Analysis will be performed from 2011-06-28 00:00:00 to 2011-06-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_110628/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_110628/TELEMETRY...
```

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

```
Checking 27 products from PDE...
Checking 25 products from PDK...
```

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

```
Checking 40 products from PDE...
Checking 4 products from PDK...
```

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

```
Checking 3 products from PDE...
No products from PDK...
```

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

```
Checking 14 products from PDE...
Checking 2 products from PDK...
```

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

```
Checking 25 products from PDE...
Checking 2 products from PDK...
```

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

```
Creating image: ./RESULTS/DAILY/_110628/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_110628/TELEMETRY/TELEMETRY_Gaps.png...
```

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

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



Building file ./RESULTS/DAILY/\_110628/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_1PNPDE20110628_020148_000000843104_00046_48767_2924.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110628_043724_000002193104_00048_48769_2980.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110628_070539_000001163104_00049_48770_3035.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_1PNPDE20110628_002357_000001083104_00045_48766_2904.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_002731_000003023104_00045_48766_2906.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_004002_000006283104_00045_48766_2909.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_010722_000003143104_00045_48766_2928.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_013059_000013293104_00046_48767_2947.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_015941_000001263104_00046_48767_2946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_020329_000001443104_00046_48767_2944.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_022016_000006283104_00046_48767_2942.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_024216_000000903104_00046_48767_2941.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_024353_000003983104_00046_48767_2940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_025157_000002713104_00046_48767_2938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_030244_000001633104_00047_48768_2937.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_030618_000004593104_00047_48768_2936.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_031446_000009243104_00047_48768_2935.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_033416_000002953104_00047_48768_2948.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_040030_000005433104_00047_48768_2985.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_041734_000000903104_00047_48768_2986.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_044123_000018313104_00048_48769_2991.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_054045_000004413104_00048_48769_3038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_062958_000007433104_00049_48770_3039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_064716_000002893104_00049_48770_3041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_065454_000003503104_00049_48770_3042.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_070756_000002053104_00049_48770_3050.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_195207_000001993104_00057_48778_3120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_195907_000000663104_00057_48778_3119.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_200209_000002653104_00057_48778_3121.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_204407_000007013104_00057_48778_3123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_210657_000003683104_00057_48778_3165.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_211628_000004653104_00058_48779_3169.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_212736_000001503104_00058_48779_3167.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_213350_000000723104_00058_48779_3166.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_214145_000002353104_00058_48779_3171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_222421_000006283104_00058_48779_3180.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_225710_000003863104_00059_48780_3188.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_231604_000001503104_00059_48780_3189.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_232748_000001993104_00059_48780_3192.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_234657_000001443104_00059_48780_3191.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_235057_000002773104_00059_48780_3196.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110628_235543_000000843104_00059_48780_3197.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110628_072059_000005673104_00049_48770_5287.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110628_081104_000006283104_00050_48771_5294.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110628_154208_000007613104_00054_48775_5440.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110628_162034_000008883104_00055_48776_5442.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_1PNPDE20110628_015822_000000633104_00046_48767_2925.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_025030_000000793104_00046_48767_2931.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_030528_000000383104_00047_48768_2930.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_033008_000002393104_00047_48768_2923.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_051152_000001583104_00048_48769_2981.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_065204_000001583104_00049_48770_3033.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_070040_000002323104_00049_48770_3034.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_082308_000002483104_00050_48771_3062.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_083244_000000993104_00050_48771_3063.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_083531_000002333104_00050_48771_3064.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_100922_000000393104_00051_48772_3083.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_110312_000000373104_00051_48772_3096.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_120549_000002603104_00052_48773_3097.N1		OK	OK	OK
ASA_IMM_1PNPDE20110628_151211_000000373104_00054_48775_3112.N1		OK	OK	OK
ASA_IMM_1PNPDK20110628_064221_000002853104_00049_48770_5275.N1		OK	OK	OK
ASA_IMM_1PNPDK20110628_082753_000002203104_00050_48771_5305.N1		OK	OK	OK

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

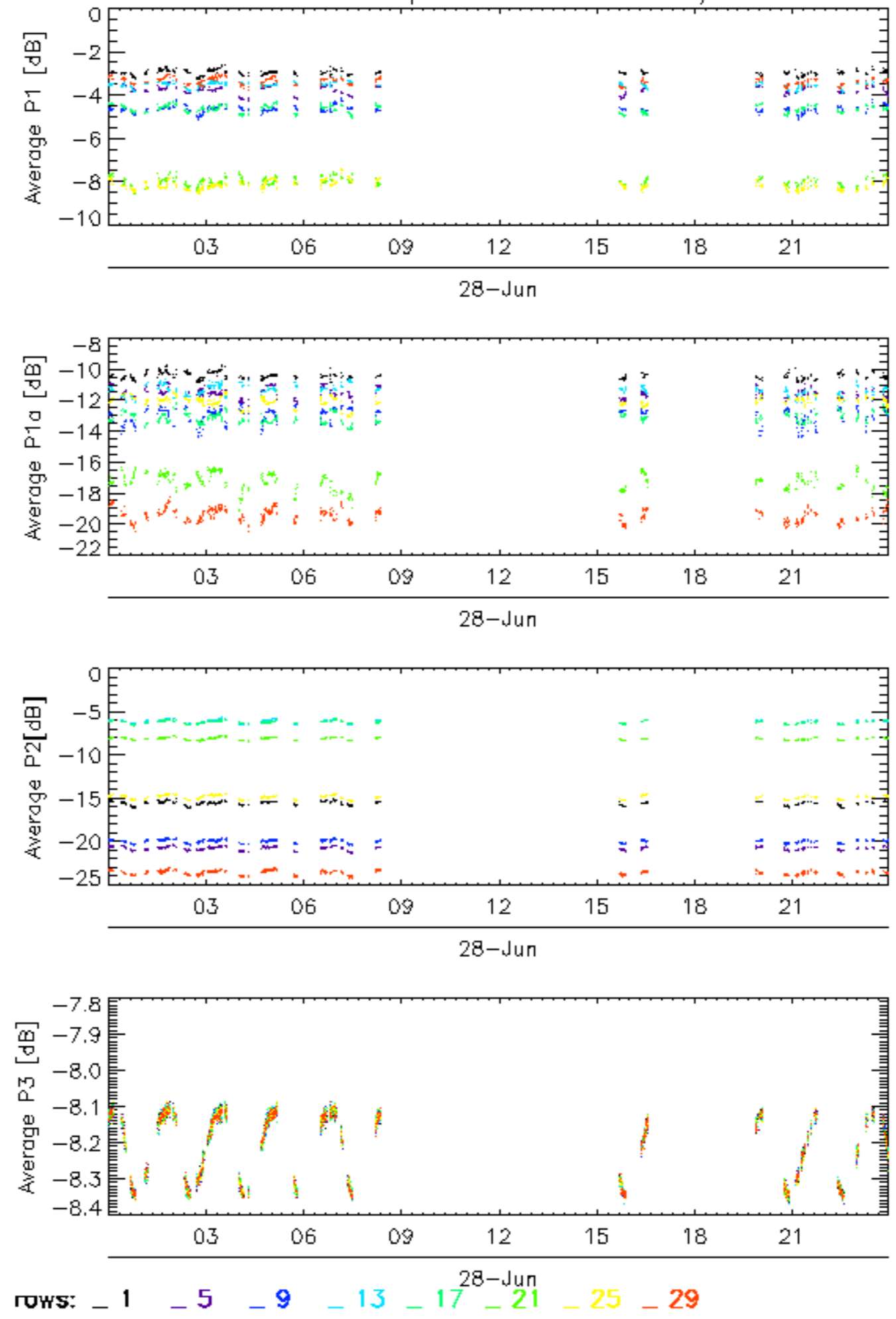
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WSM_1PNPDE20110628_023047_000003923104_00046_48767_2927.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_040935_000003923104_00047_48768_2979.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_051545_000001713104_00048_48769_2983.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_054806_000004533104_00048_48769_3032.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_101734_000002813104_00051_48772_3084.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_105037_000003923104_00051_48772_3095.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_132744_000001103104_00053_48774_3109.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_140839_000005513104_00053_48774_3110.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_155450_000002143104_00054_48775_3111.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_163917_000002693104_00055_48776_3113.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_164809_000002513104_00055_48776_3115.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_173530_000002143104_00055_48776_3114.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_181845_000002513104_00056_48777_3116.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_191437_000002753104_00056_48777_3117.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_192808_000001533104_00056_48777_3118.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_200021_000001043104_00057_48778_3131.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_200636_000002513104_00057_48778_3133.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_205553_000001533104_00057_48778_3124.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_210319_000002143104_00057_48778_3130.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_211307_000001903104_00057_48778_3134.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_213508_000003923104_00058_48779_3173.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_214545_000002143104_00058_48779_3182.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_223458_000002753104_00058_48779_3164.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110628_231841_000005443104_00059_48780_3207.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110628_080829_000001533104_00050_48771_5303.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110628_163524_000002083104_00055_48776_5450.N1					OK	OK	OK	OK



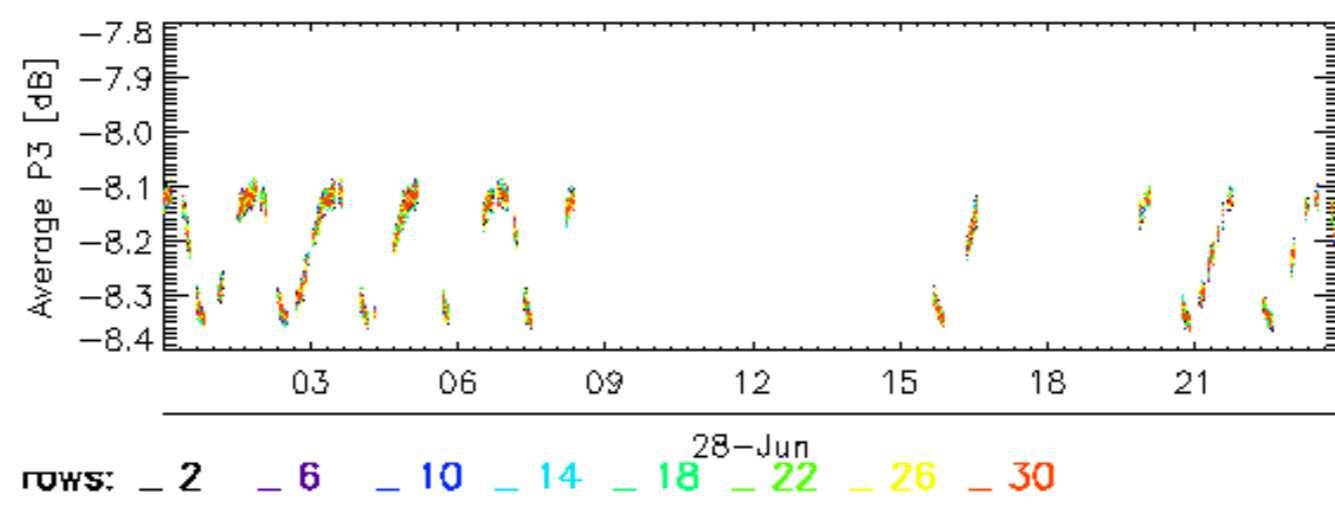
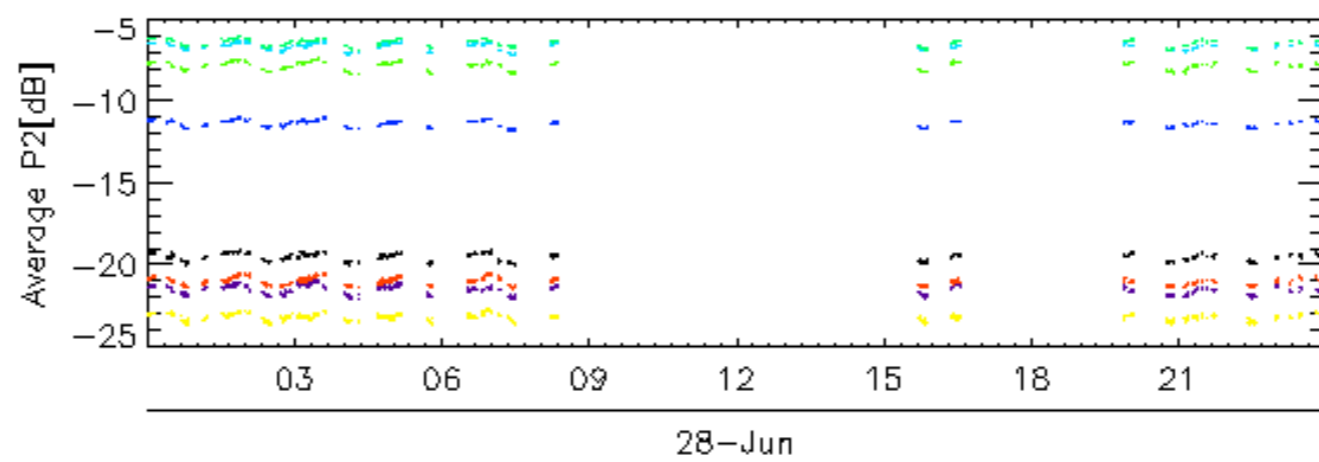
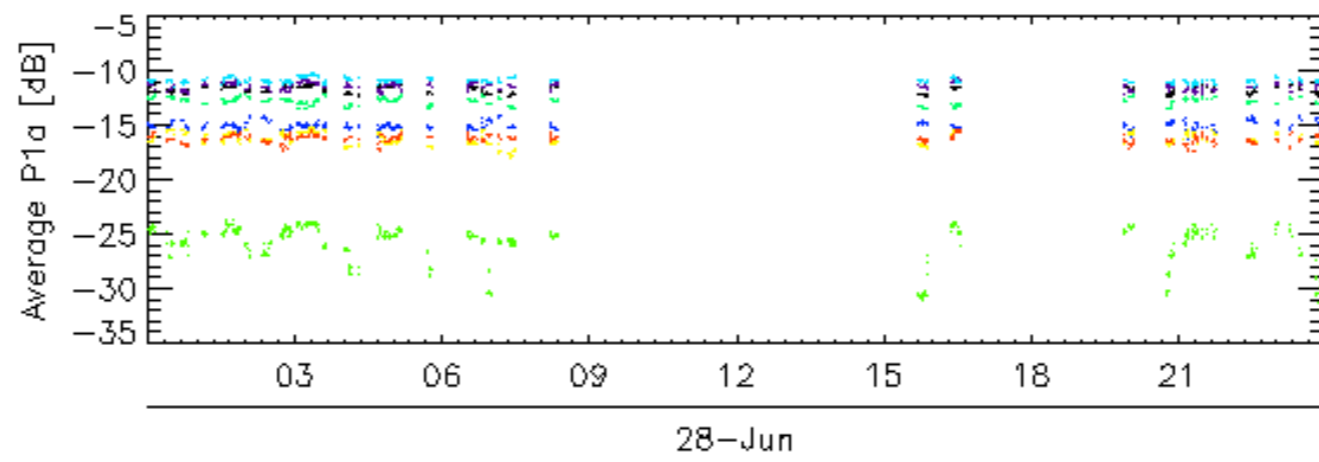
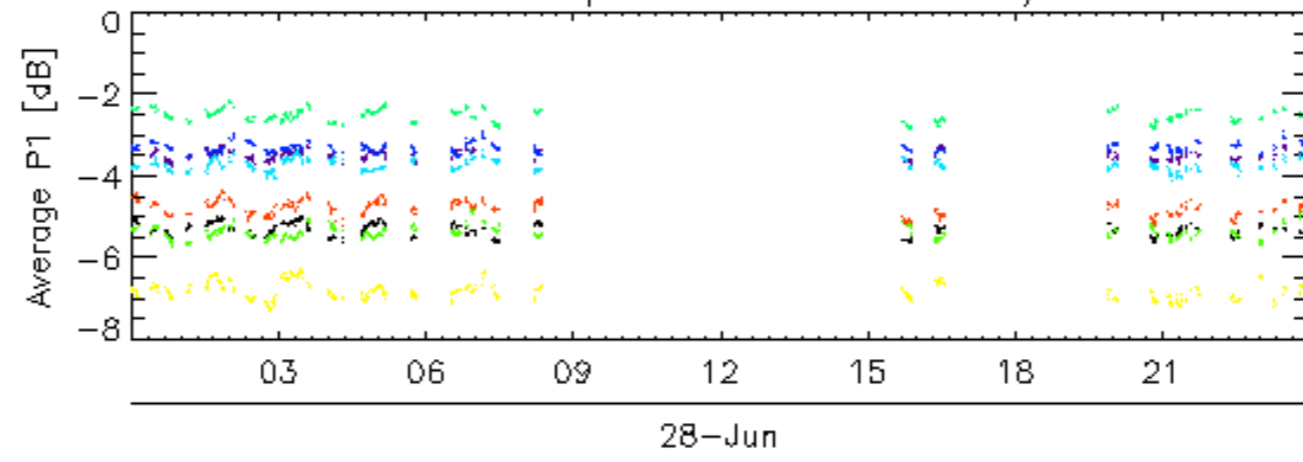
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20110628_002549_00000593104_00045_48766_2905.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_003236_000004053104_00045_48766_2907.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_005741_000003153104_00045_48766_2908.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_010211_000002693104_00045_48766_2926.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_011238_000005843104_00045_48766_2932.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_015310_000001943104_00046_48767_2945.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_020558_000008103104_00046_48767_2943.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_023718_000002553104_00046_48767_2939.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_025630_000003293104_00047_48768_2934.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_033916_000007943104_00047_48768_2933.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_035216_000002403104_00047_48768_2984.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_041908_000010493104_00047_48768_2988.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_051837_000009743104_00048_48769_2990.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_053422_000000753104_00048_48769_3036.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_053756_000001203104_00048_48769_3037.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_055638_000017243104_00048_48769_3049.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_071122_000002403104_00049_48770_3048.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_201043_000018893104_00057_48778_3122.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_205844_000002403104_00057_48778_3168.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_213051_000001353104_00058_48779_3170.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_214916_000019943104_00058_48779_3172.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_223929_000003443104_00058_48779_3181.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110628_233108_000009143104_00059_48780_3194.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_234925_000000443104_00059_48780_3195.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110628_235716_000003153104_00059_48780_3198.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110628_073652_000018593104_00049_48770_5293.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_085004_000006303104_00050_48771_5318.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_091706_000020243104_00050_48771_5320.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_102316_000010493104_00051_48772_5346.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_105720_000003153104_00051_48772_5345.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_110356_000014393104_00051_48772_5349.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_115457_000006143104_00052_48773_5362.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_121015_000006453104_00052_48773_5363.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_123750_000003303104_00052_48773_5375.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_125401_000006903104_00052_48773_5378.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110628_132934_000007643104_00053_48774_5406.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_140014_000000603104_00053_48774_5407.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_141755_000004053104_00053_48774_5410.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_142937_000000893104_00053_48774_5411.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5414.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5415.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_151601_000015293104_00054_48775_5439.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_155821_000012893104_00054_48775_5441.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_170020_000012743104_00055_48776_5464.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_173902_000013493104_00055_48776_5469.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_183451_000016193104_00056_48777_5488.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110628_191909_000004953104_00056_48777_5489.N1					OK	OK	OK	OK
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### Calibration pulses for GM1 SS3 H/H

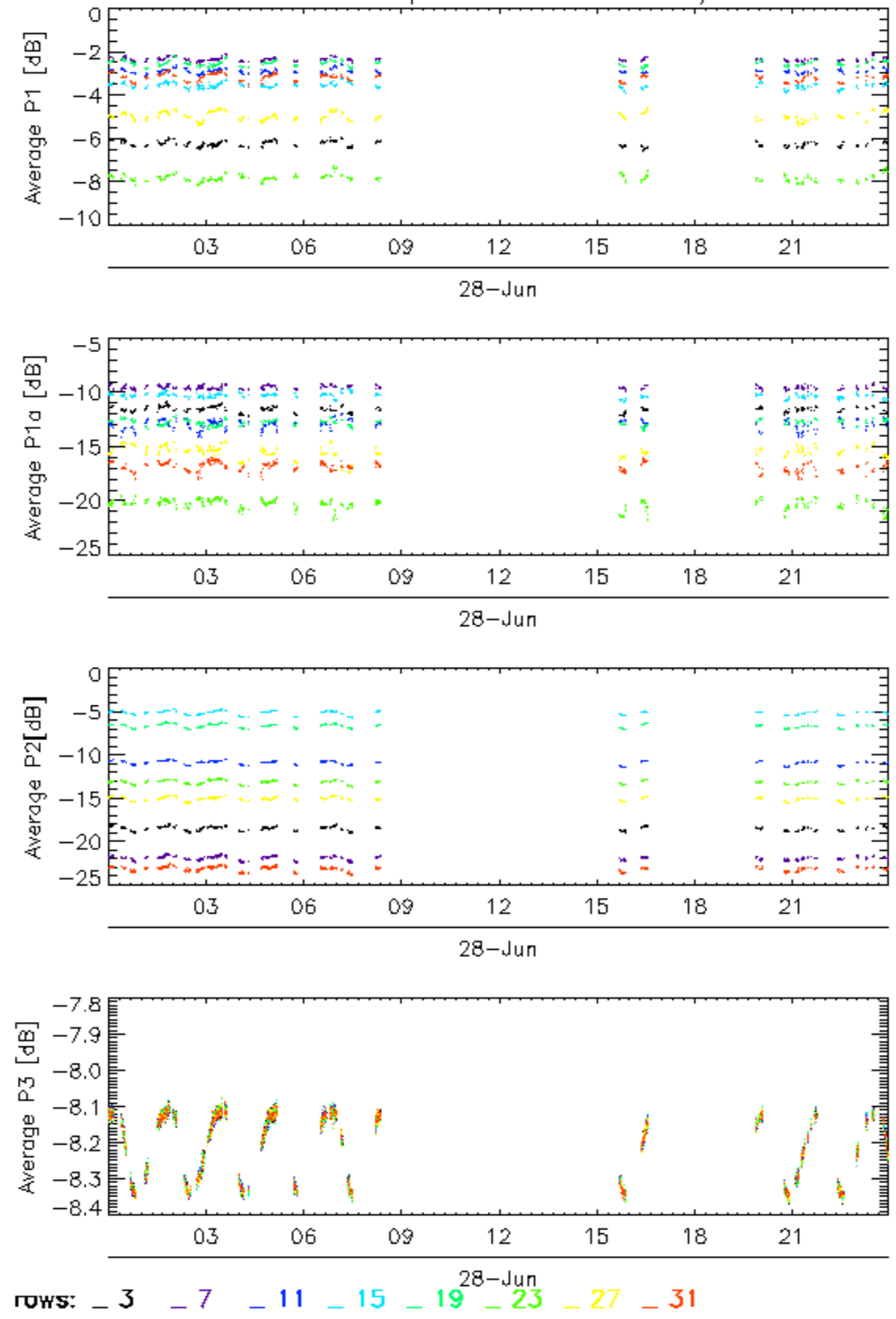


### Calibration pulses for GM1 SS3 H/H

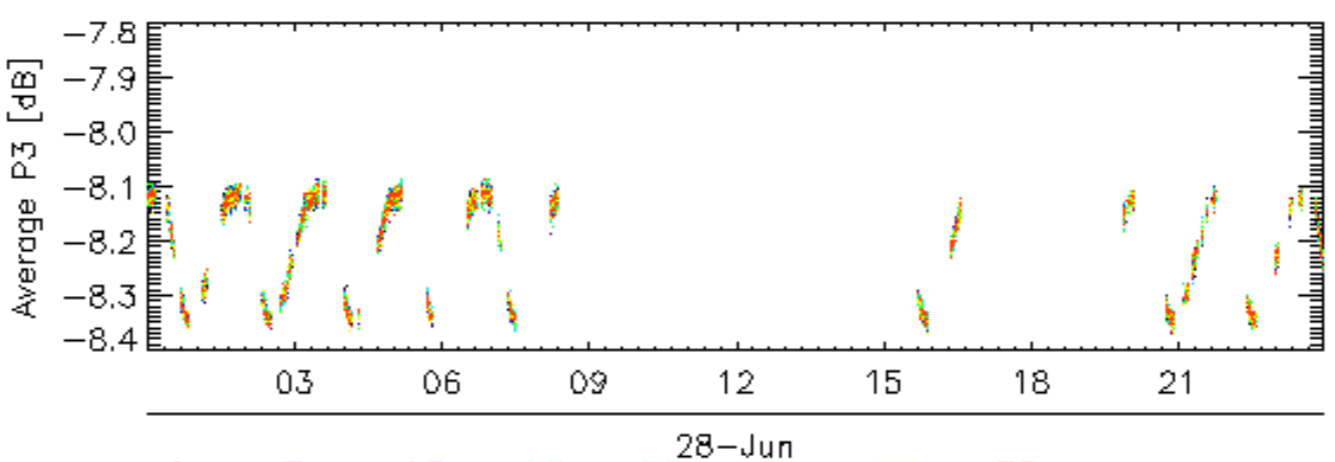
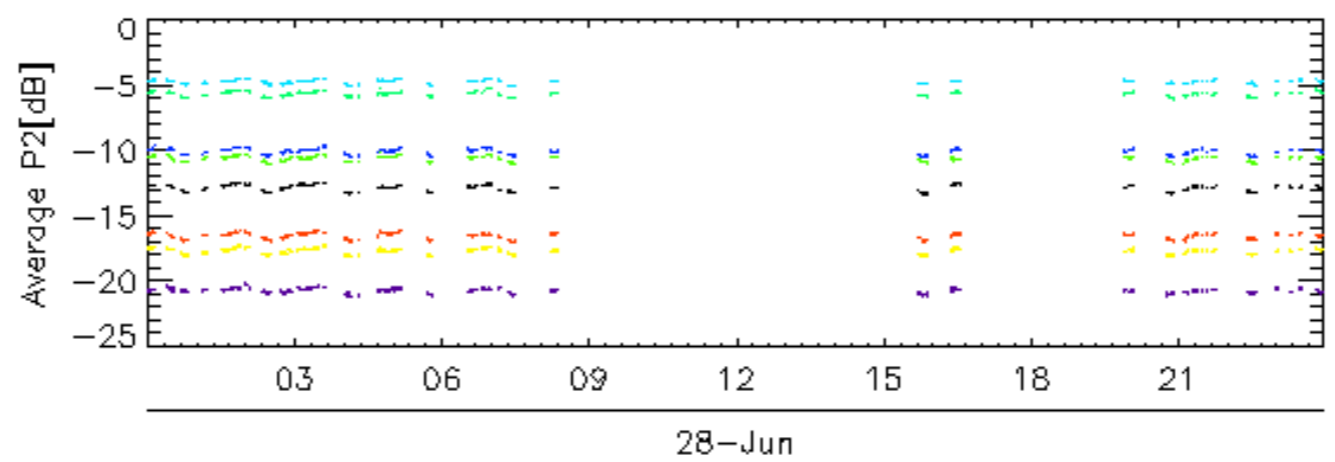
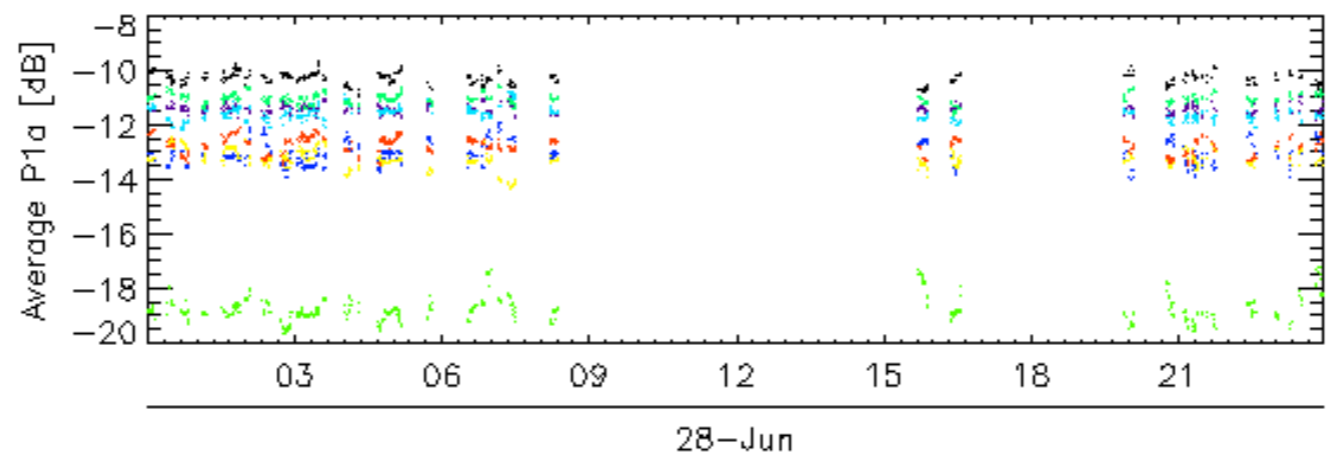
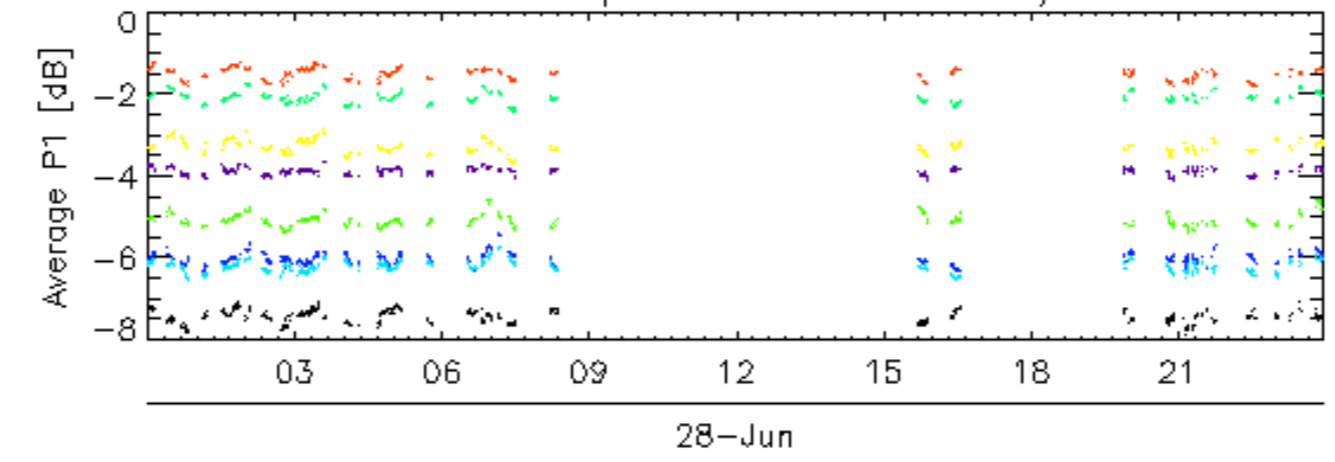




Calibration pulses for GM1 SS3 H/H

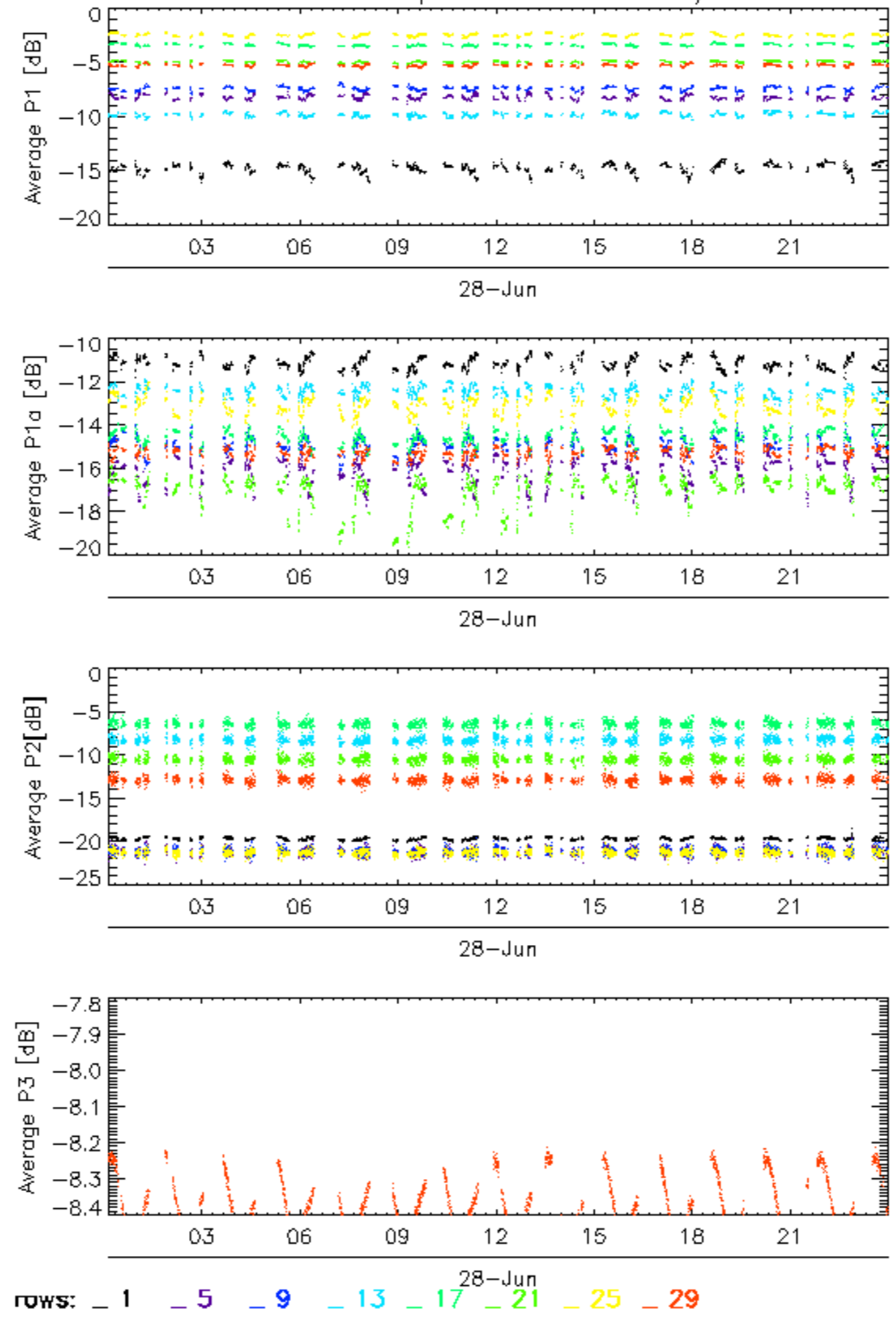


### Calibration pulses for GM1 SS3 H/H



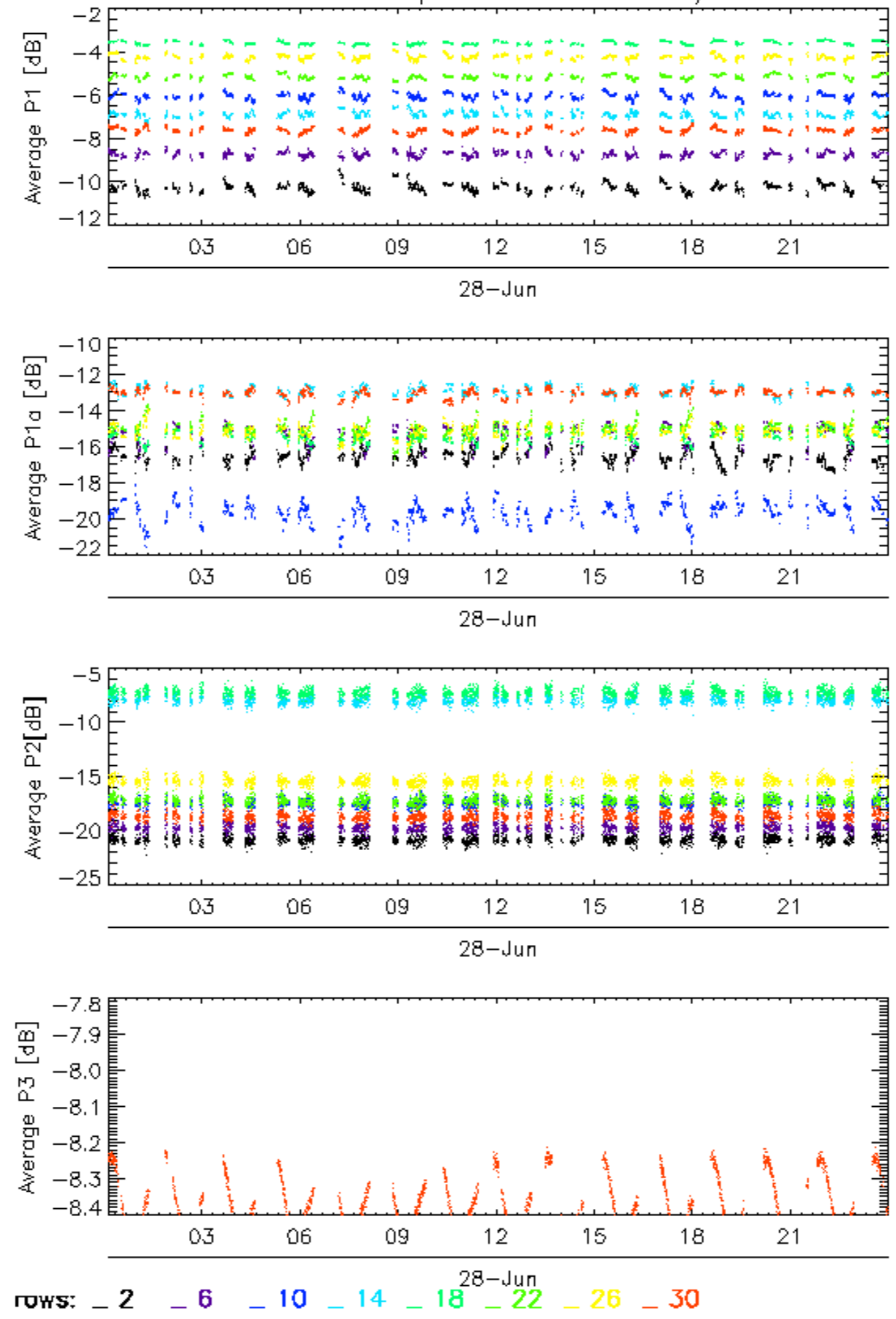
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### Calibration pulses for WVS IS2 V/V

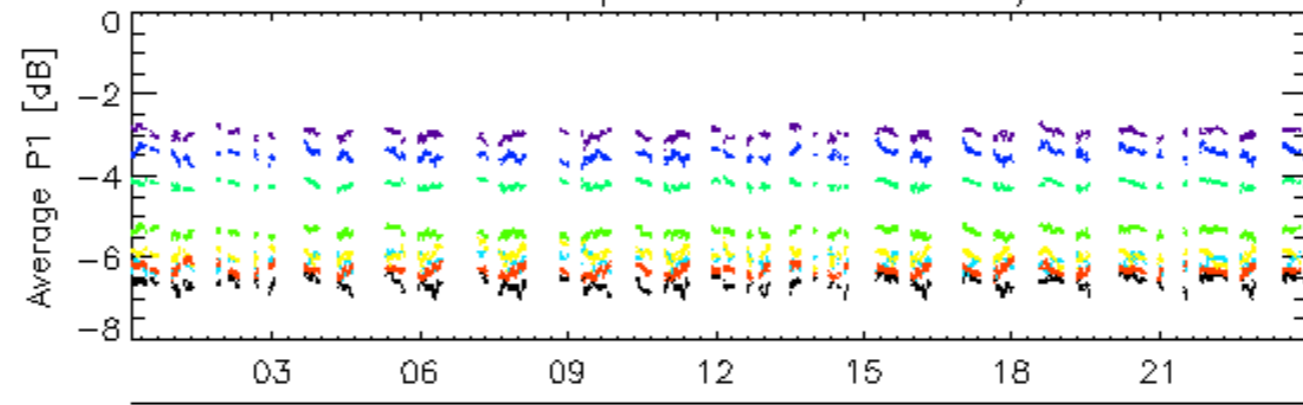




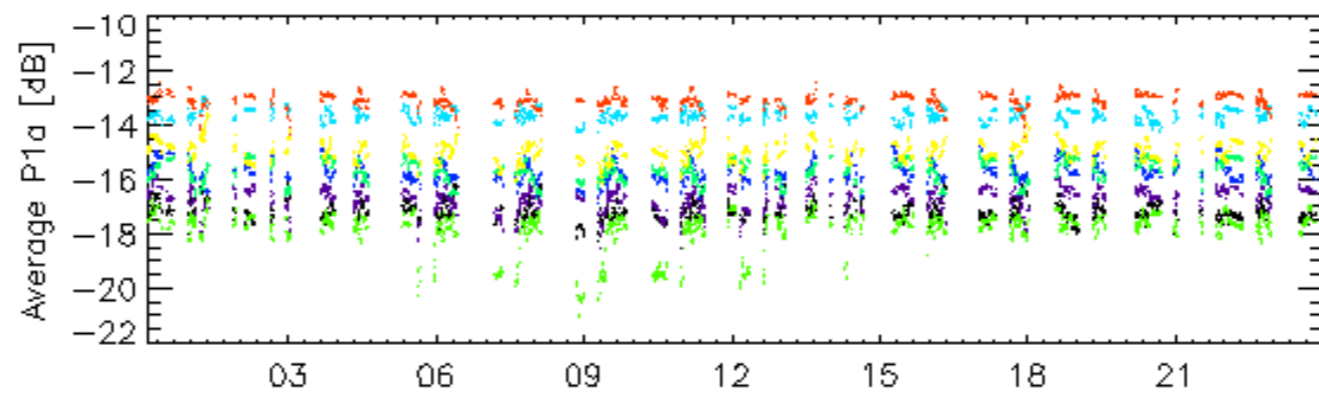
### Calibration pulses for WVS IS2 V/V



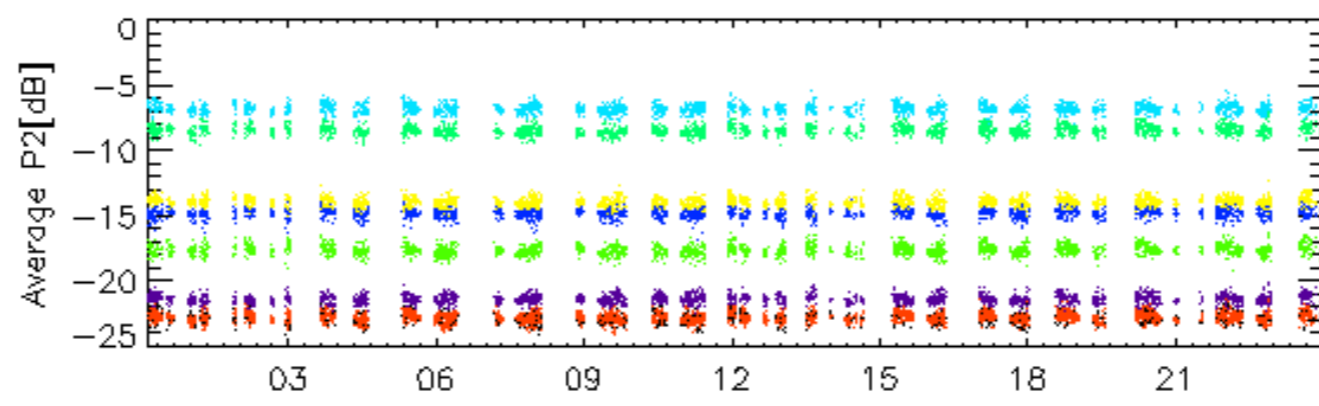
Calibration pulses for WVS IS2 V/V



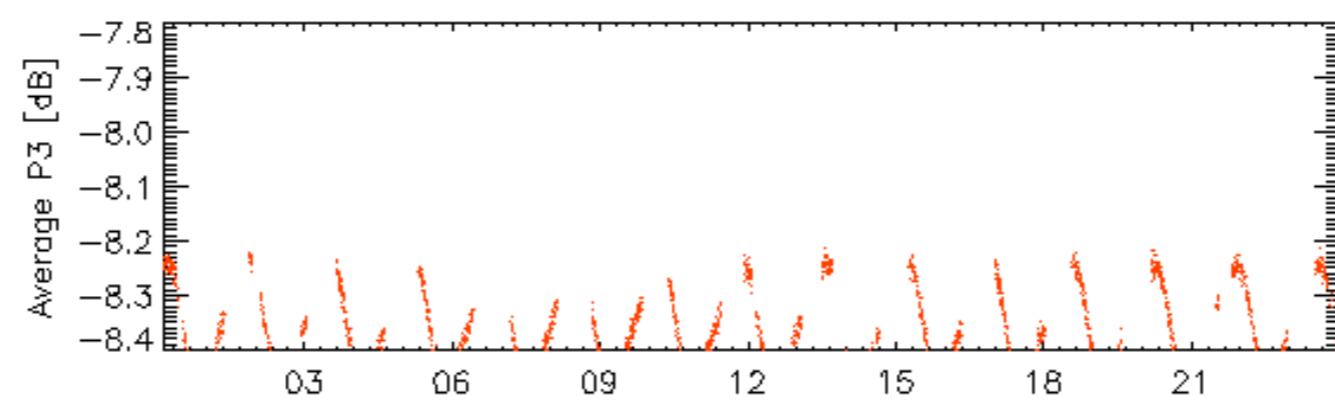
28-Jun



28-Jun



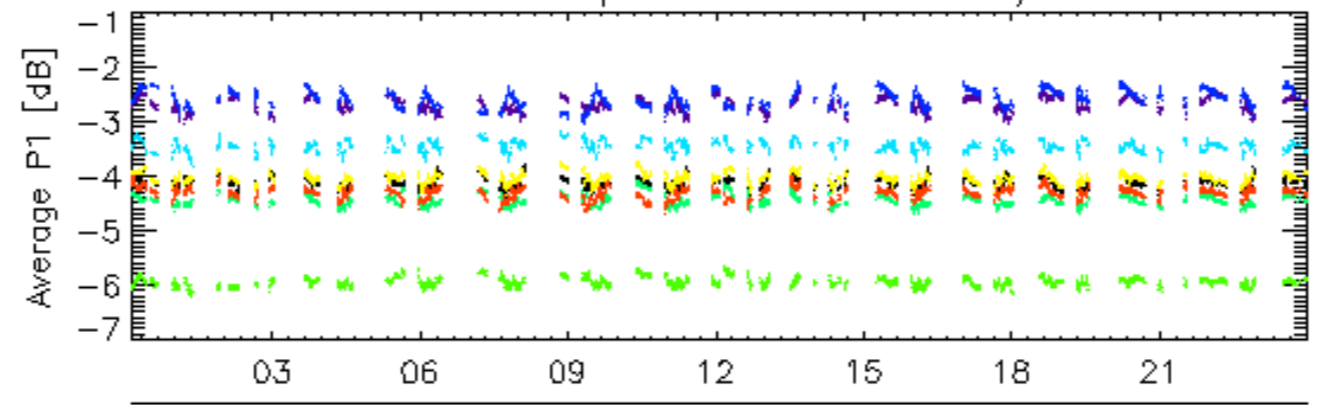
28-Jun



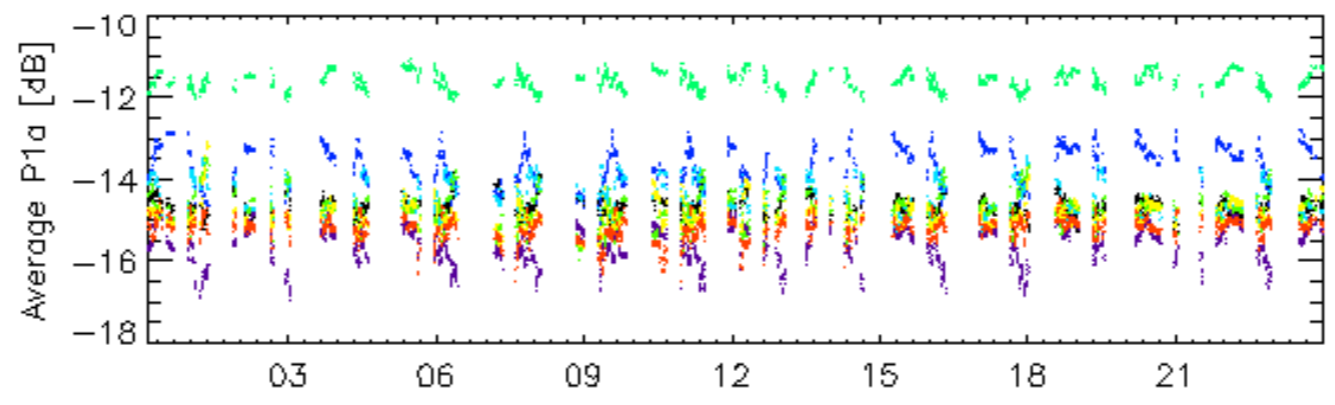
28-Jun

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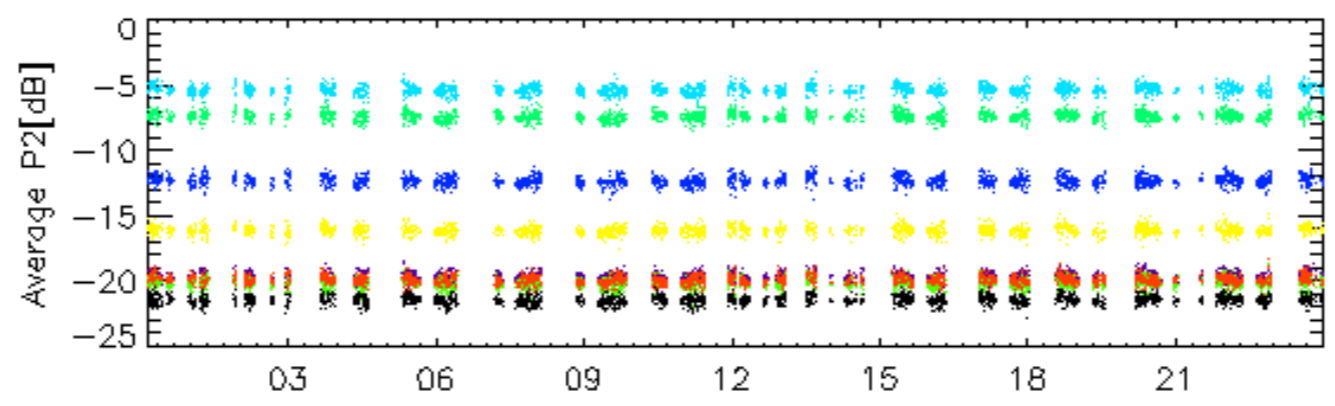
### Calibration pulses for WVS IS2 V/V



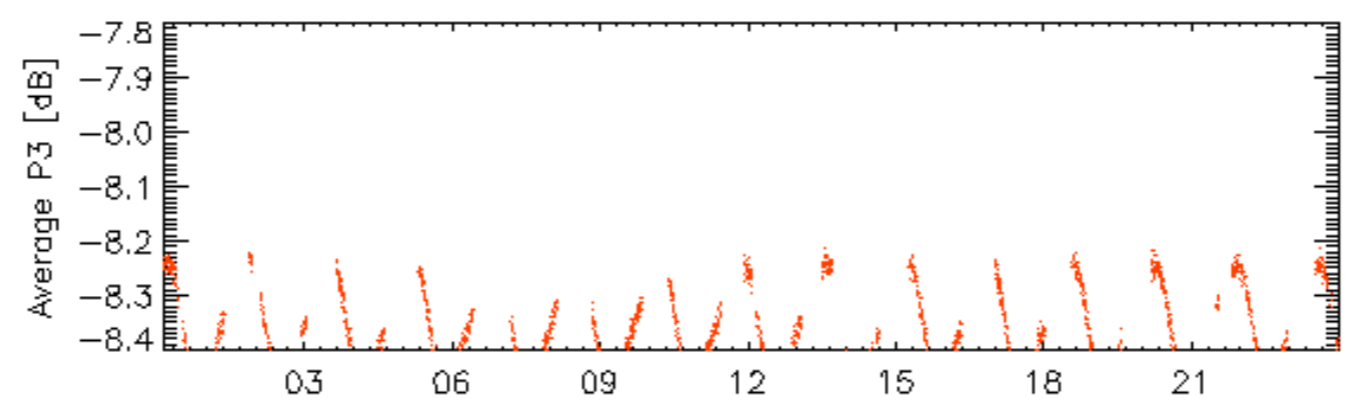
28-Jun



28-Jun

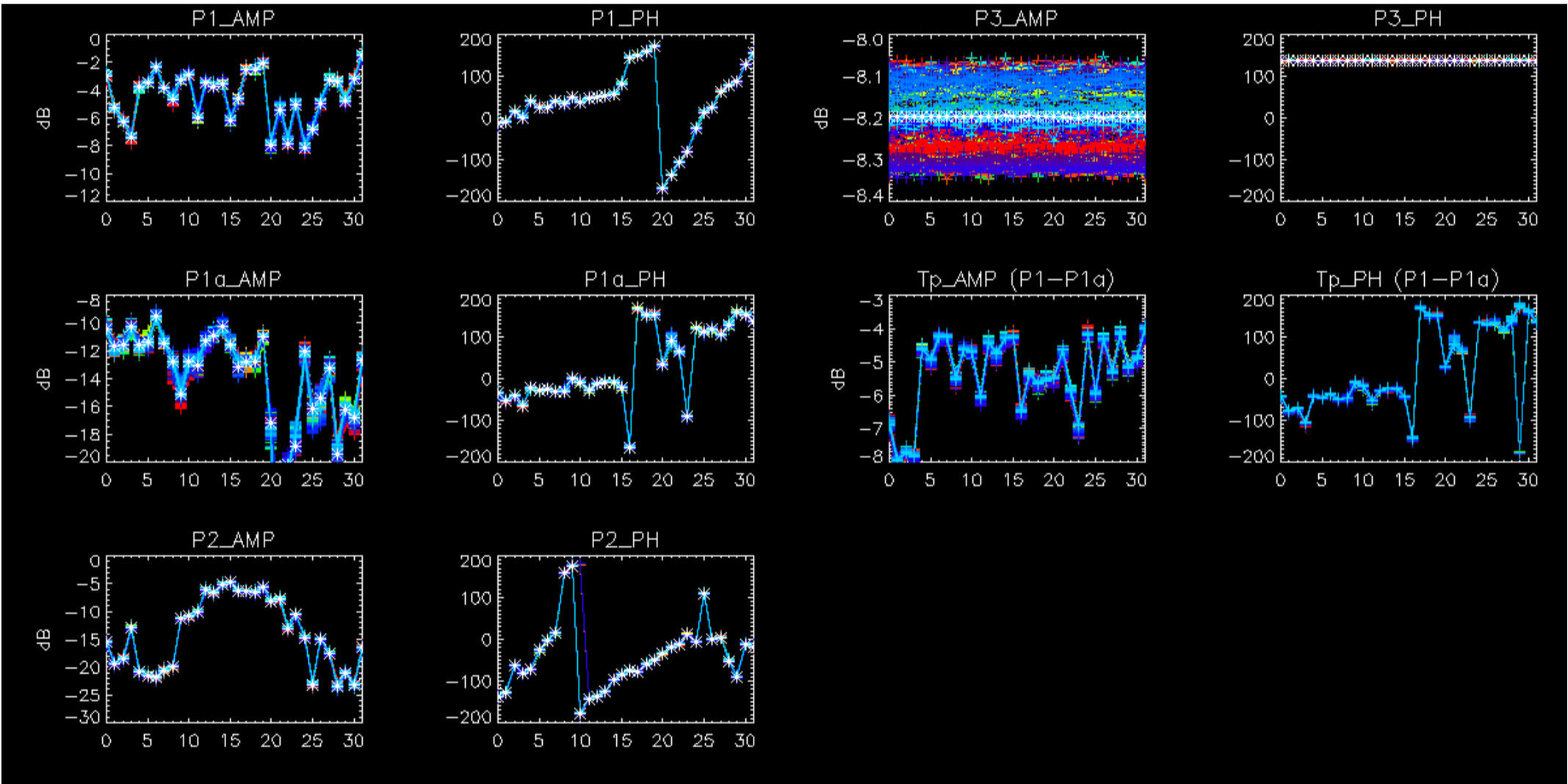


28-Jun

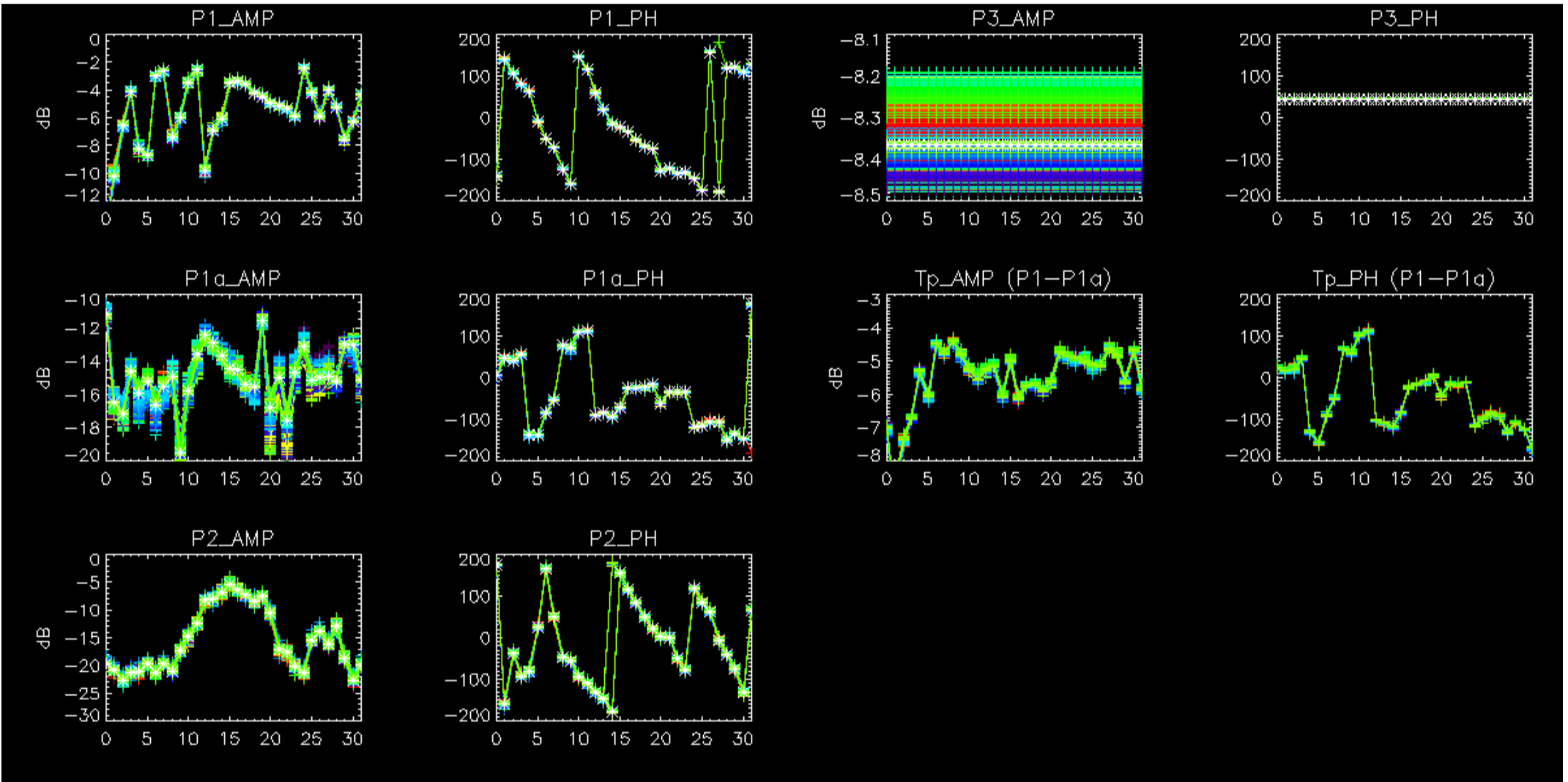


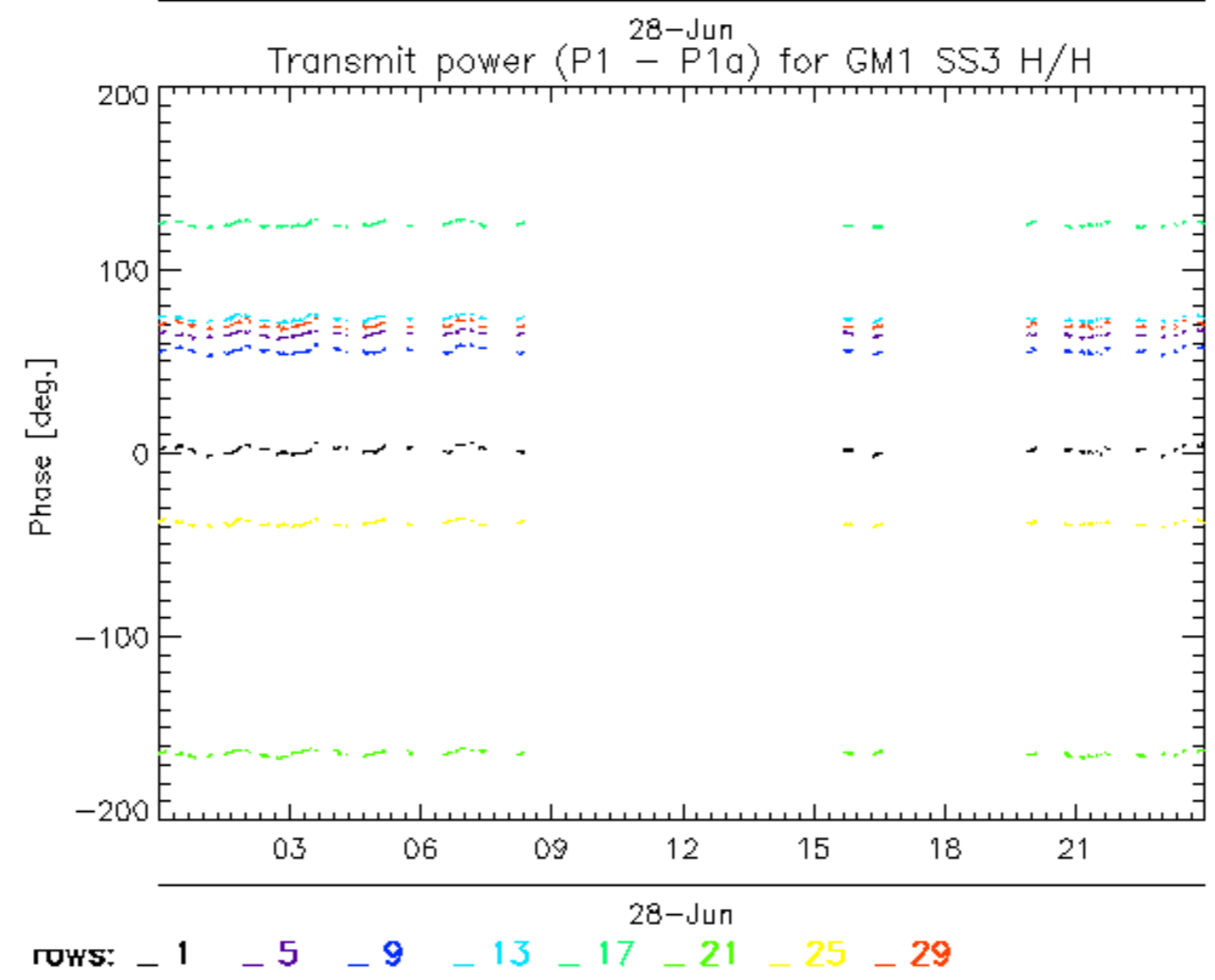
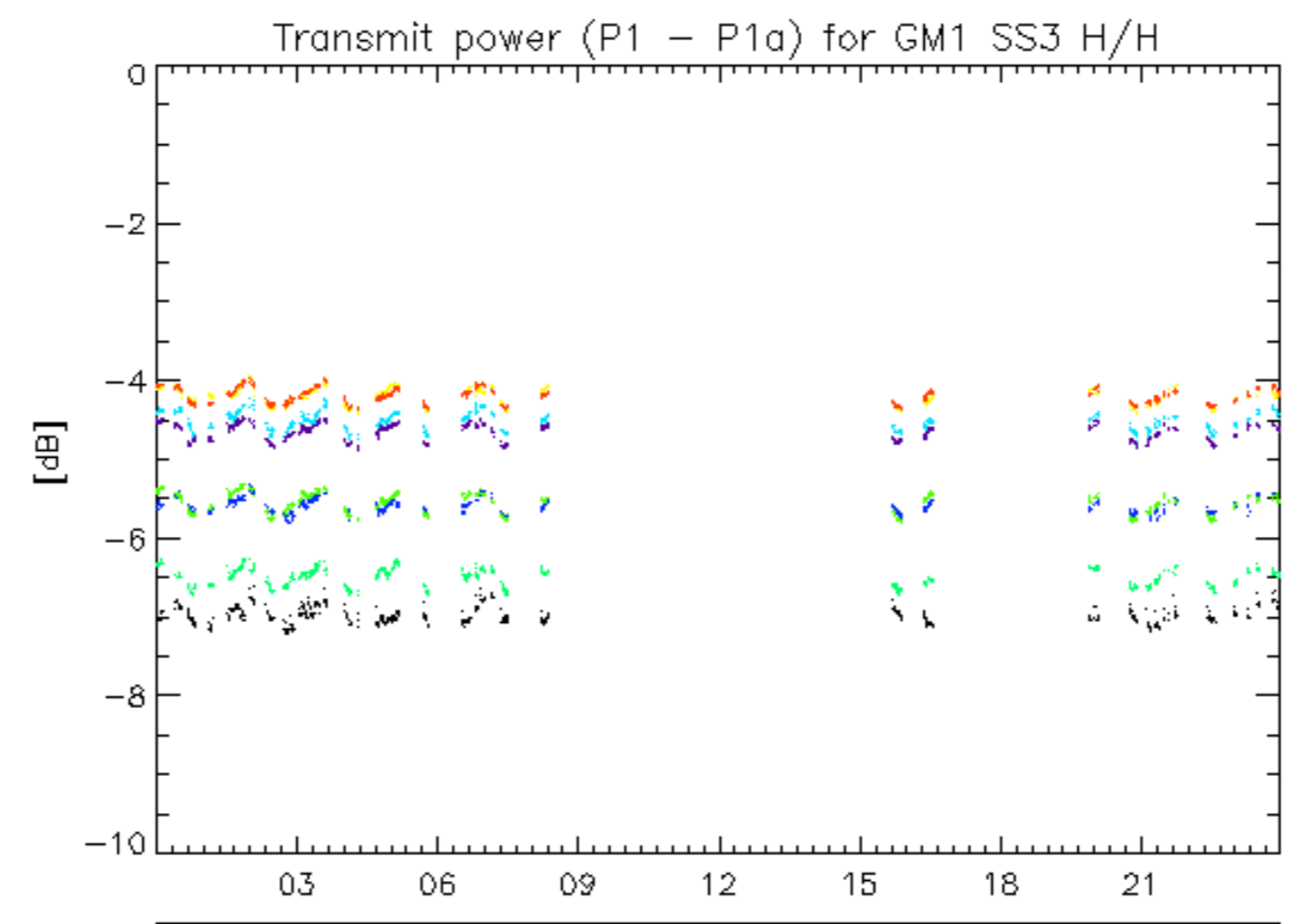
28-Jun

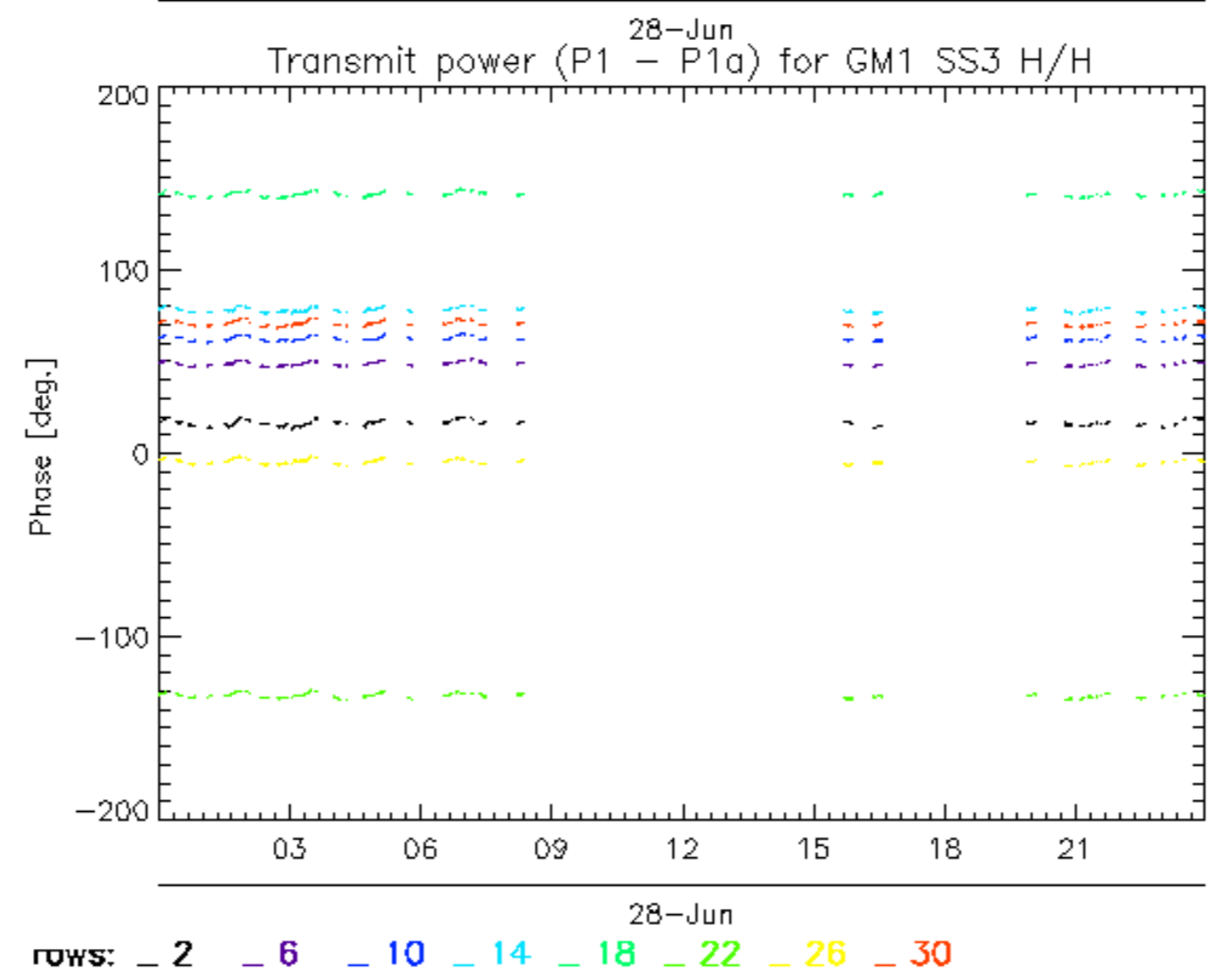
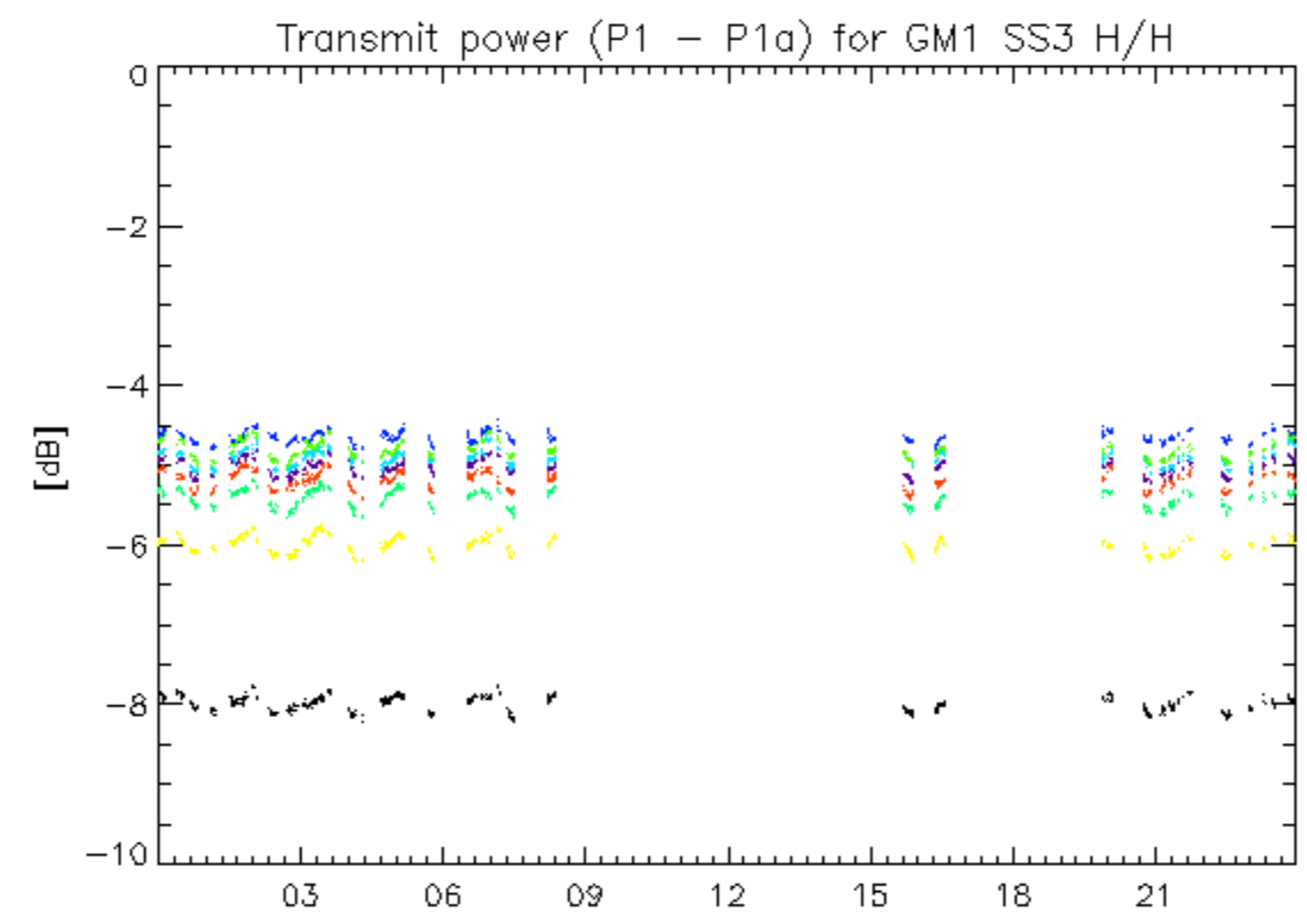
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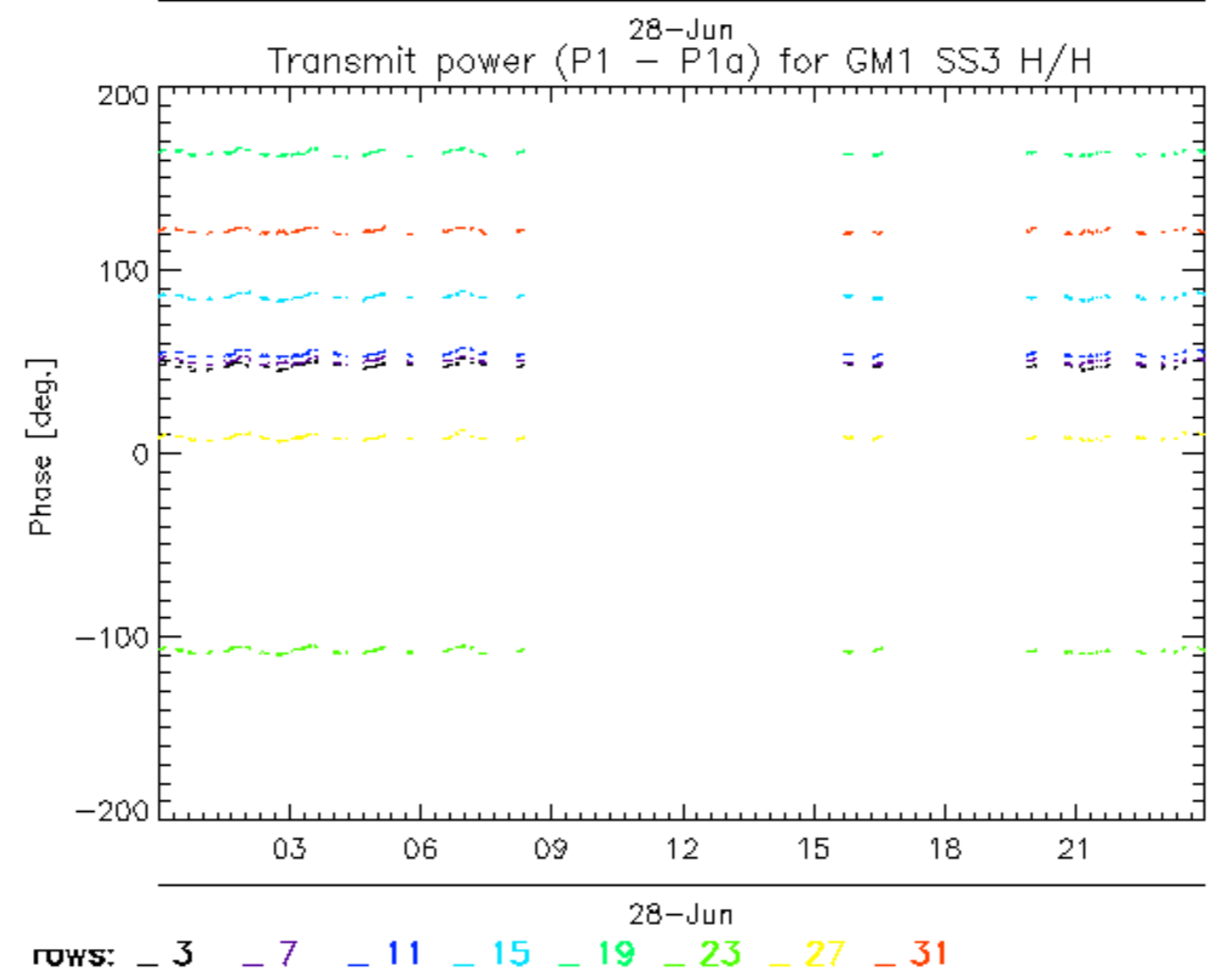
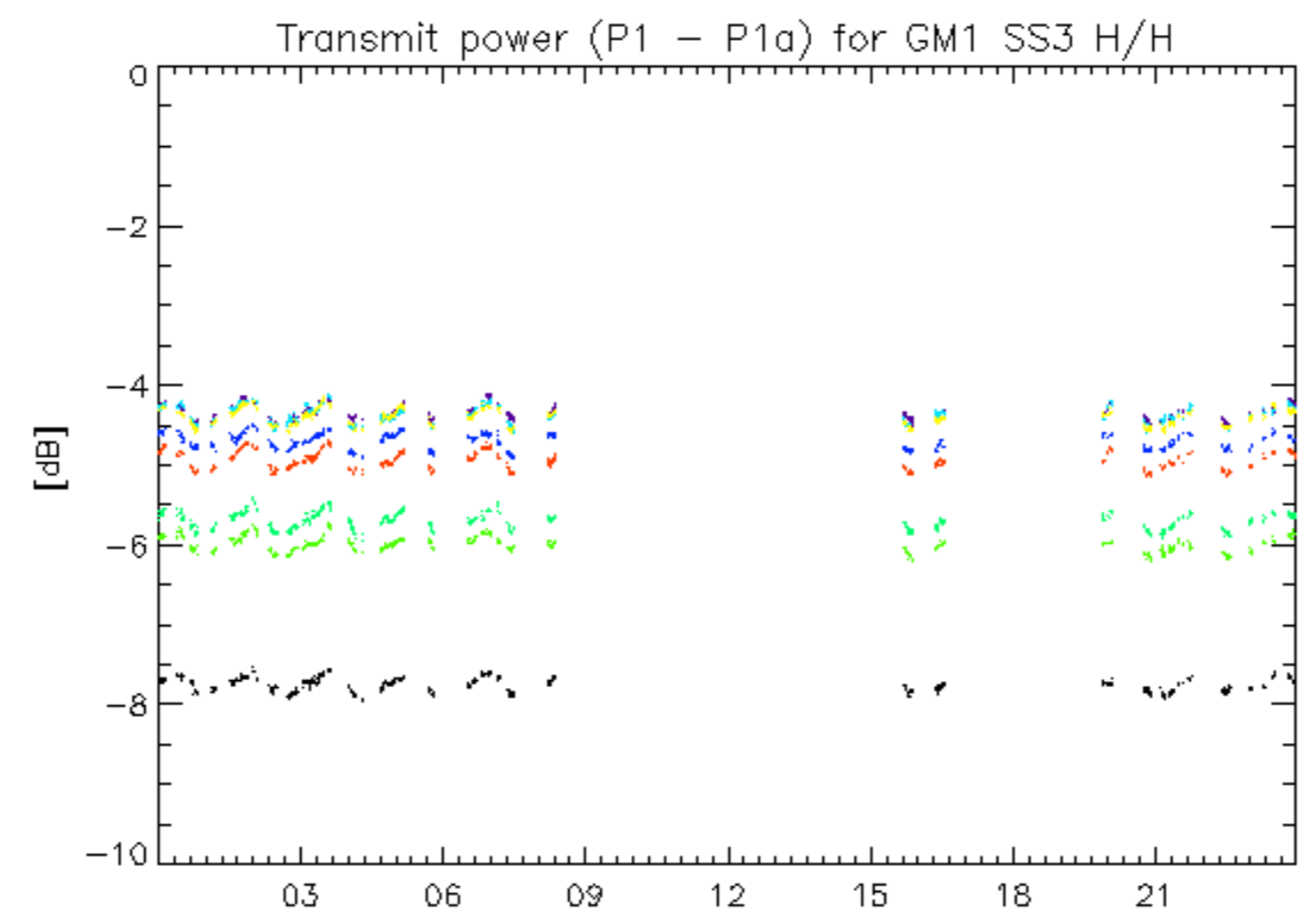




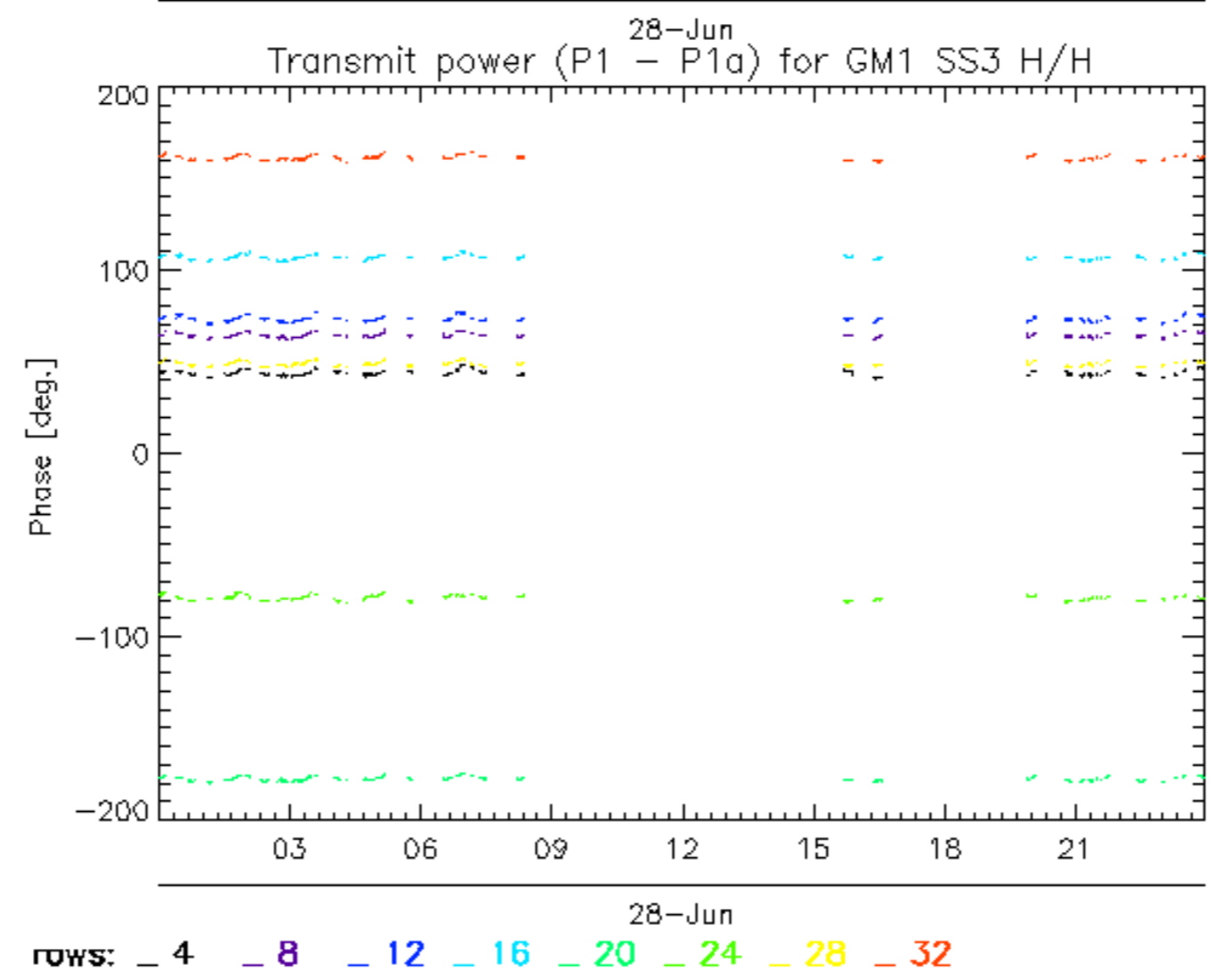
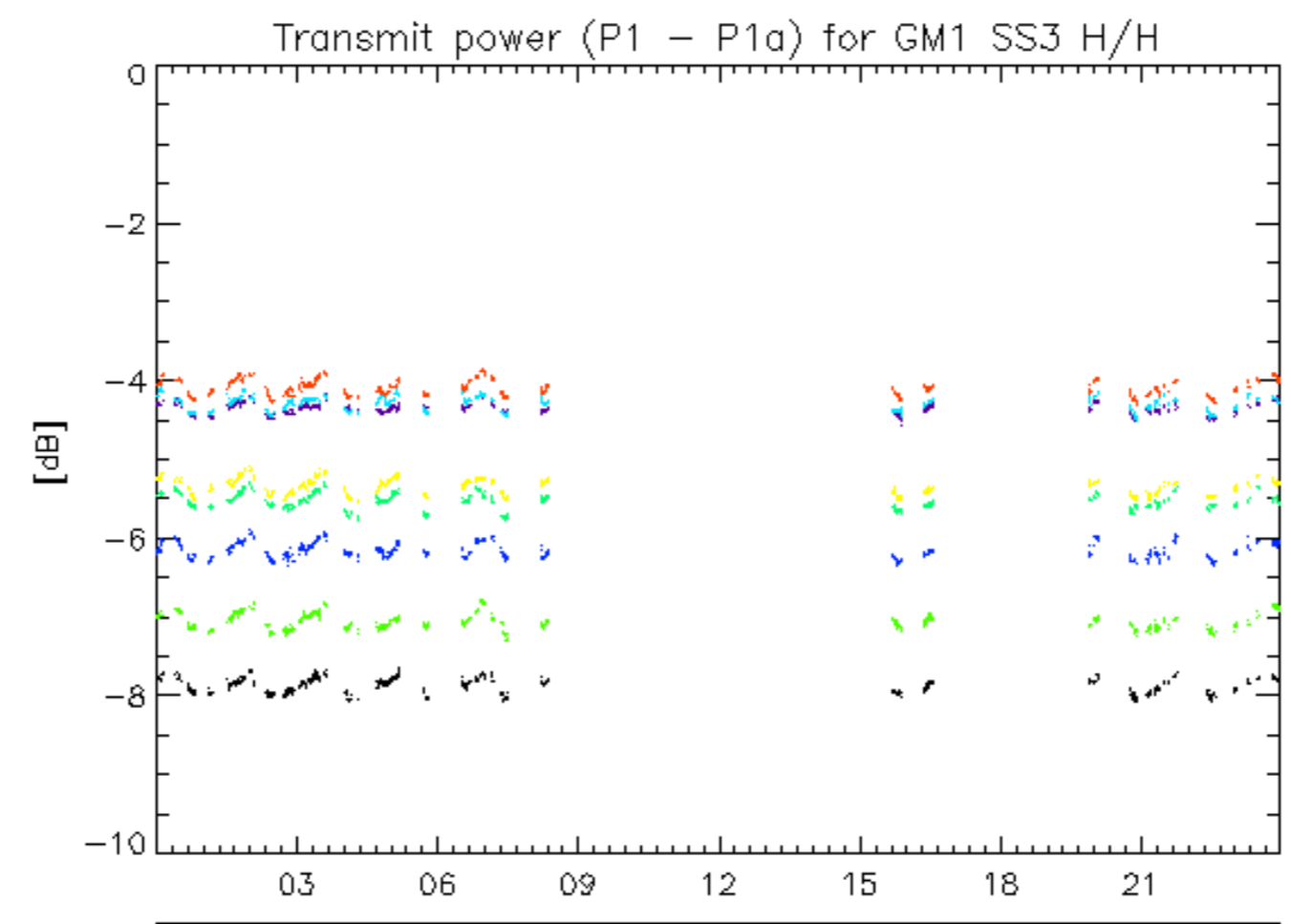


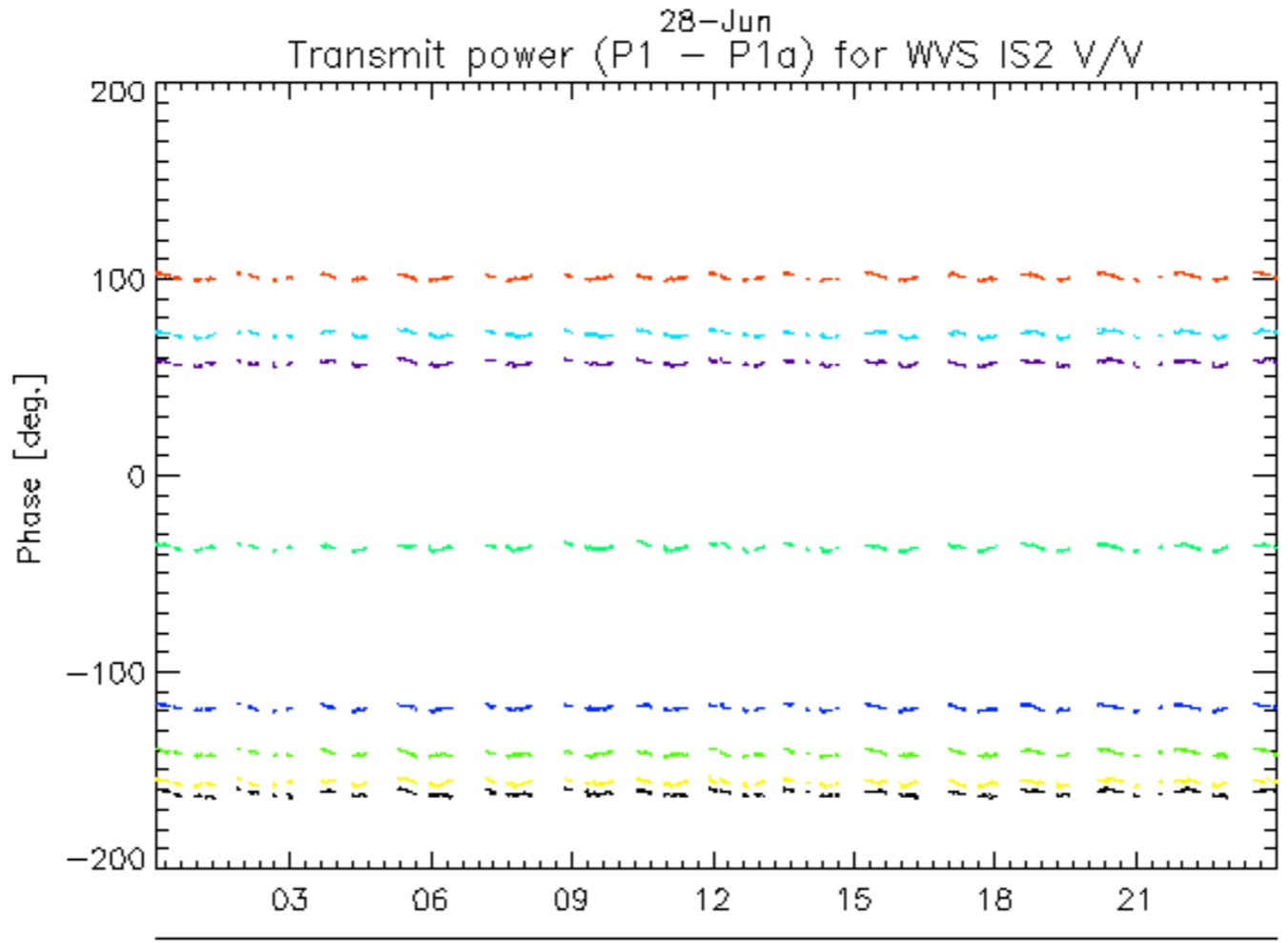
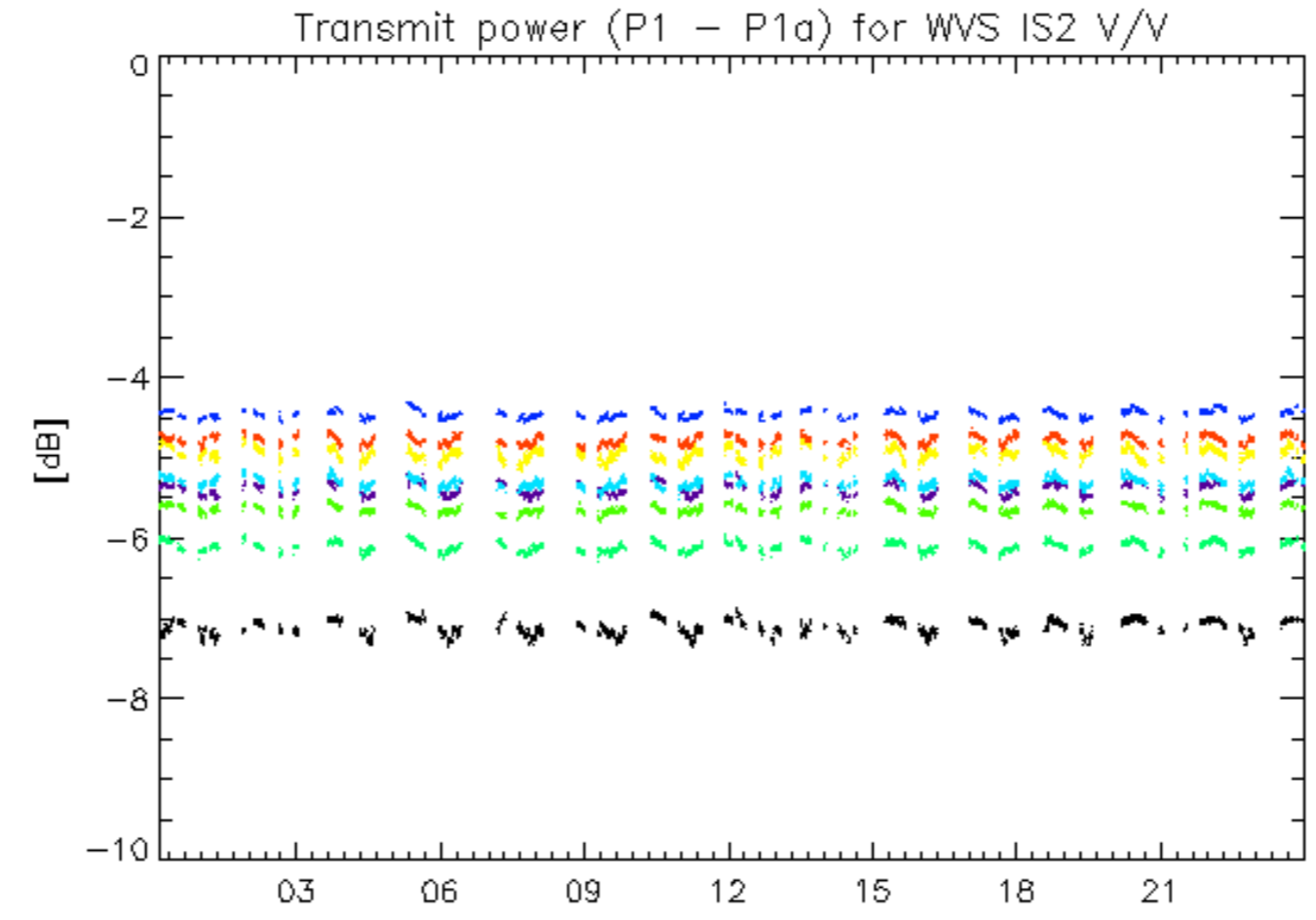




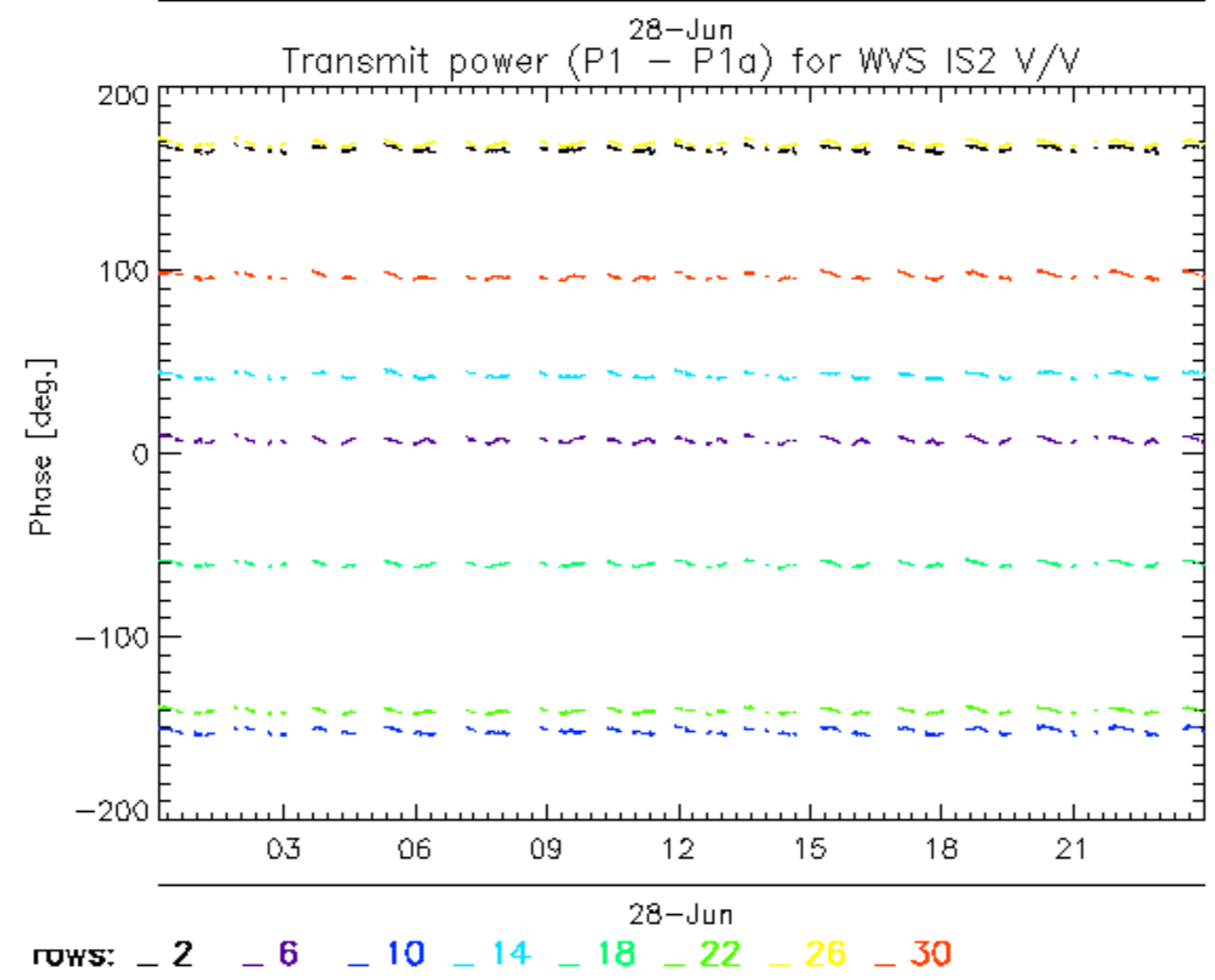
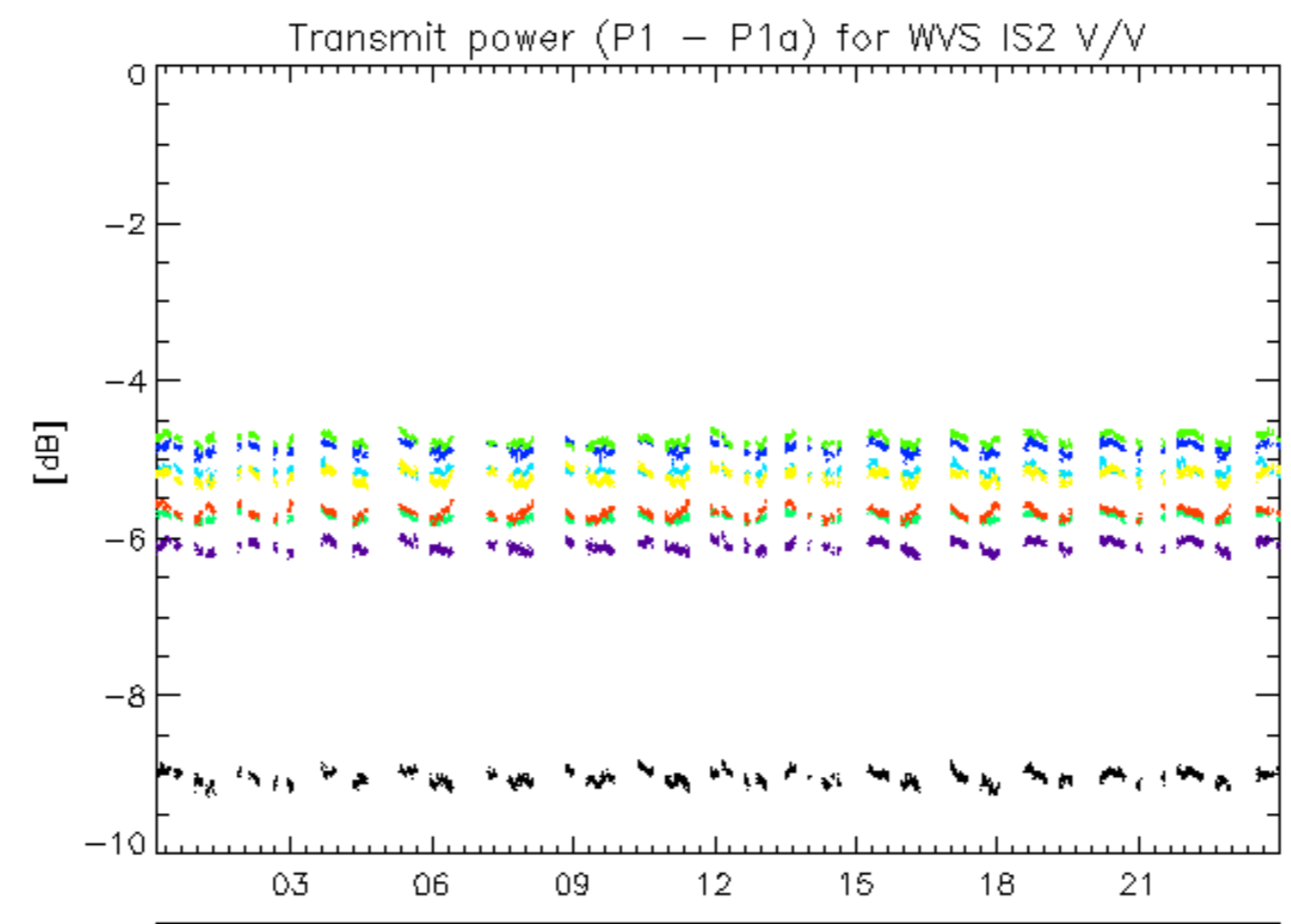


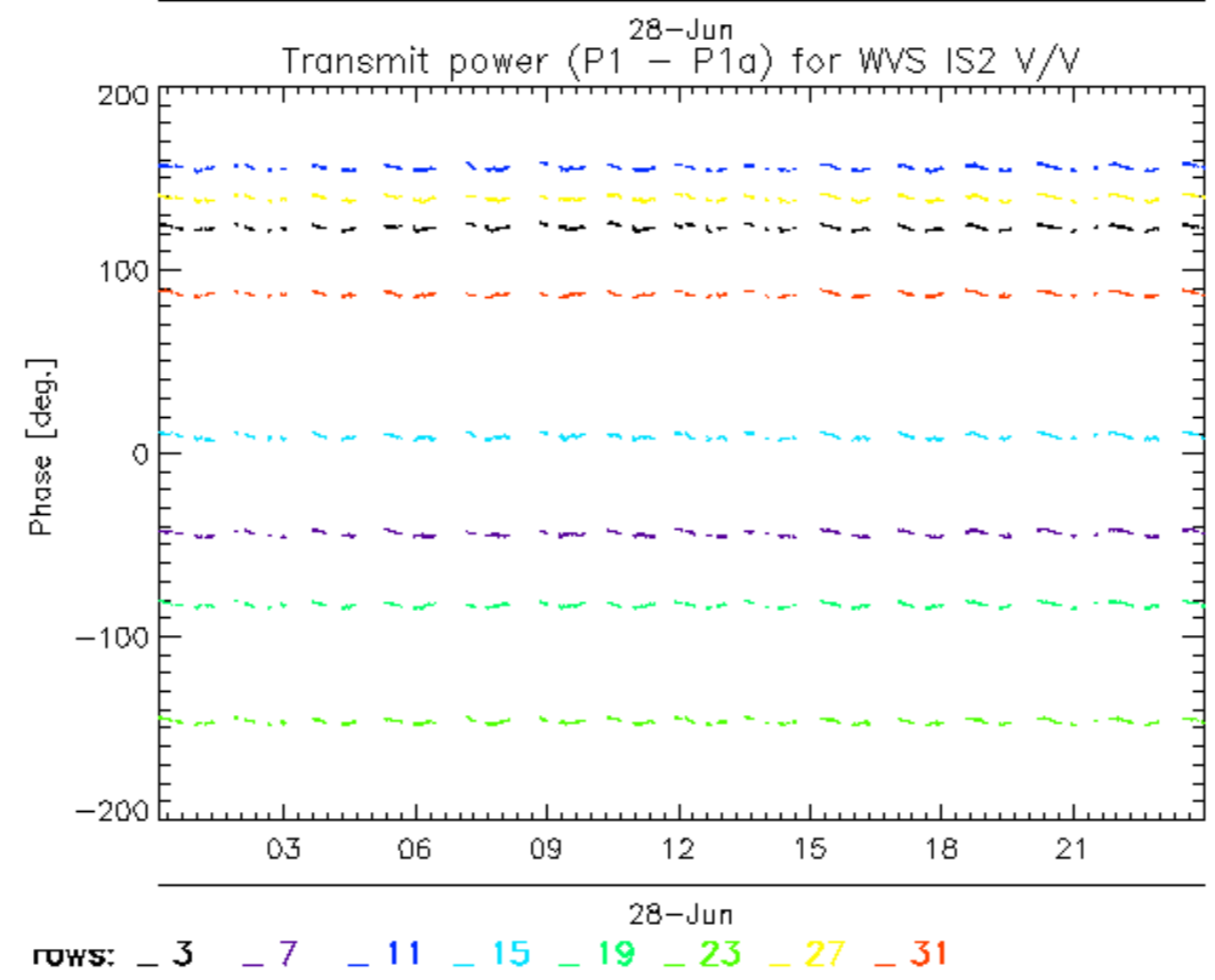
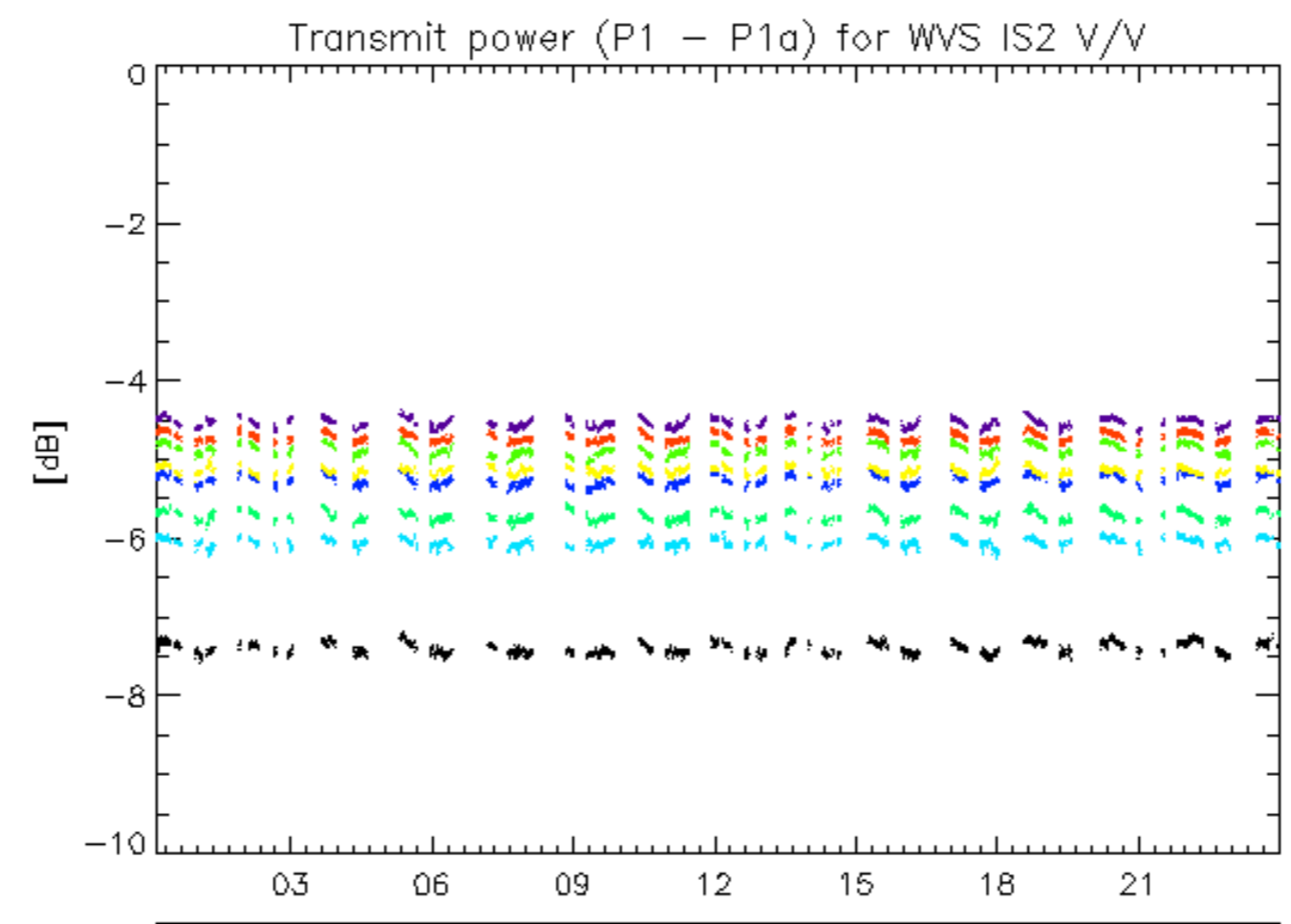




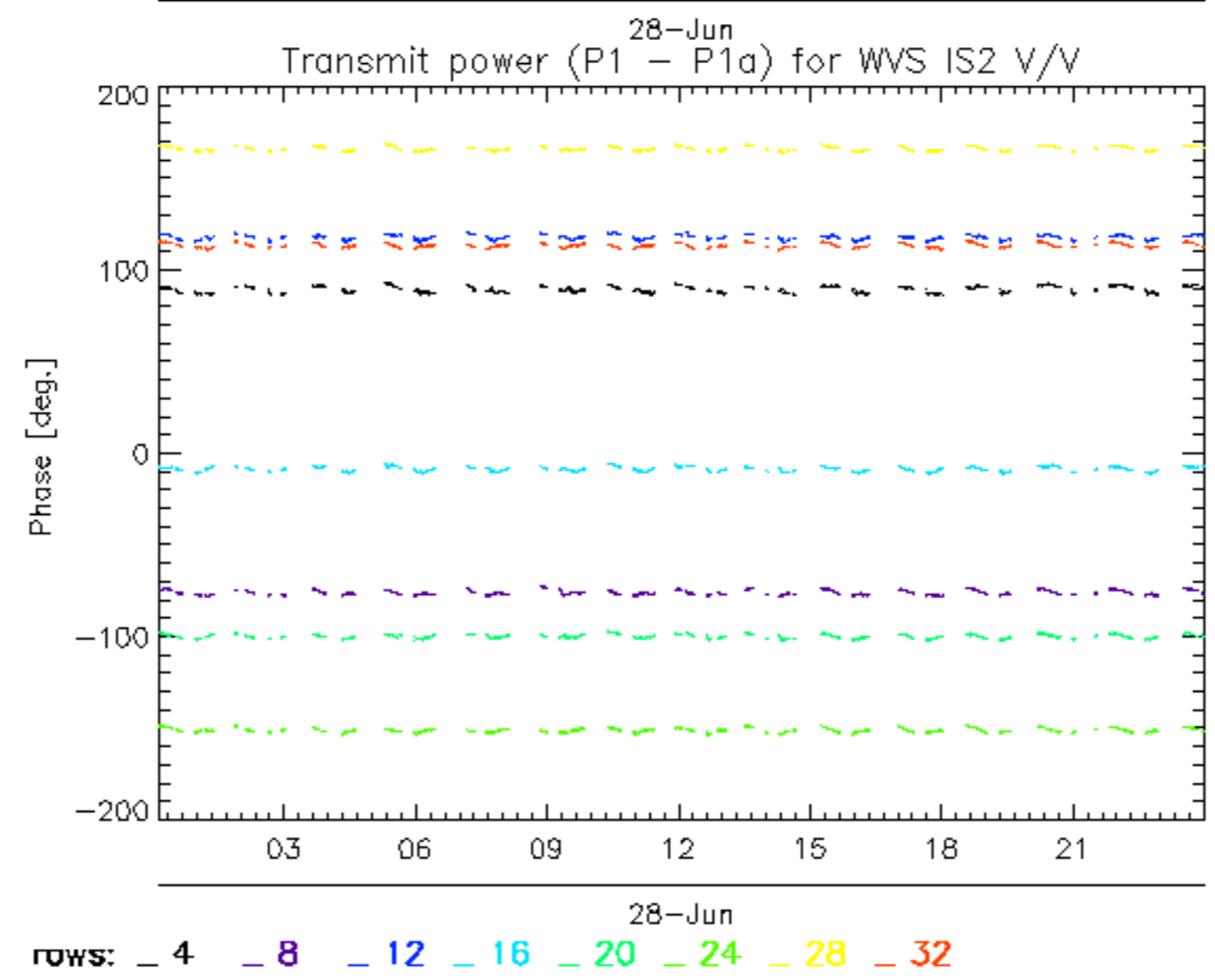
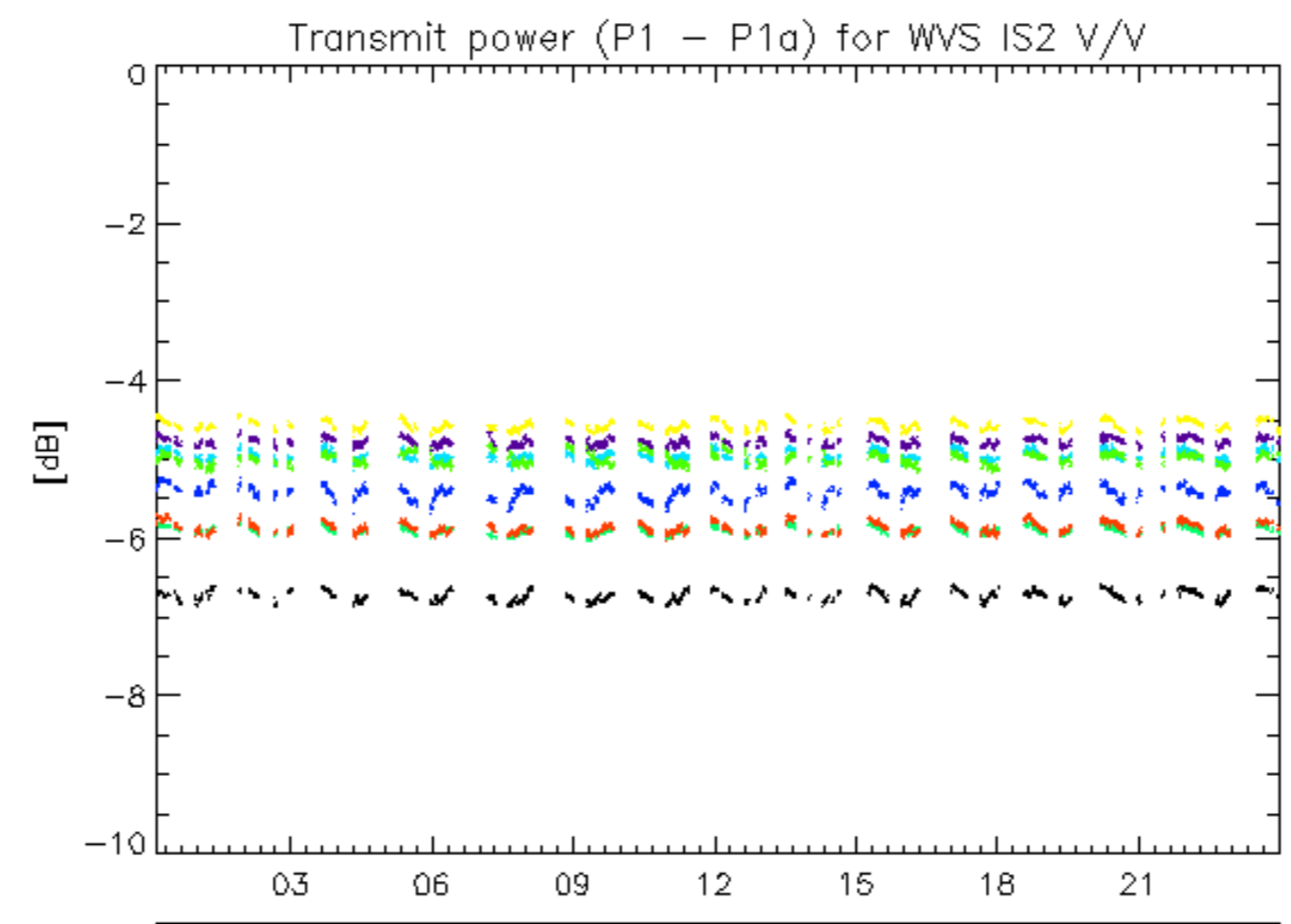


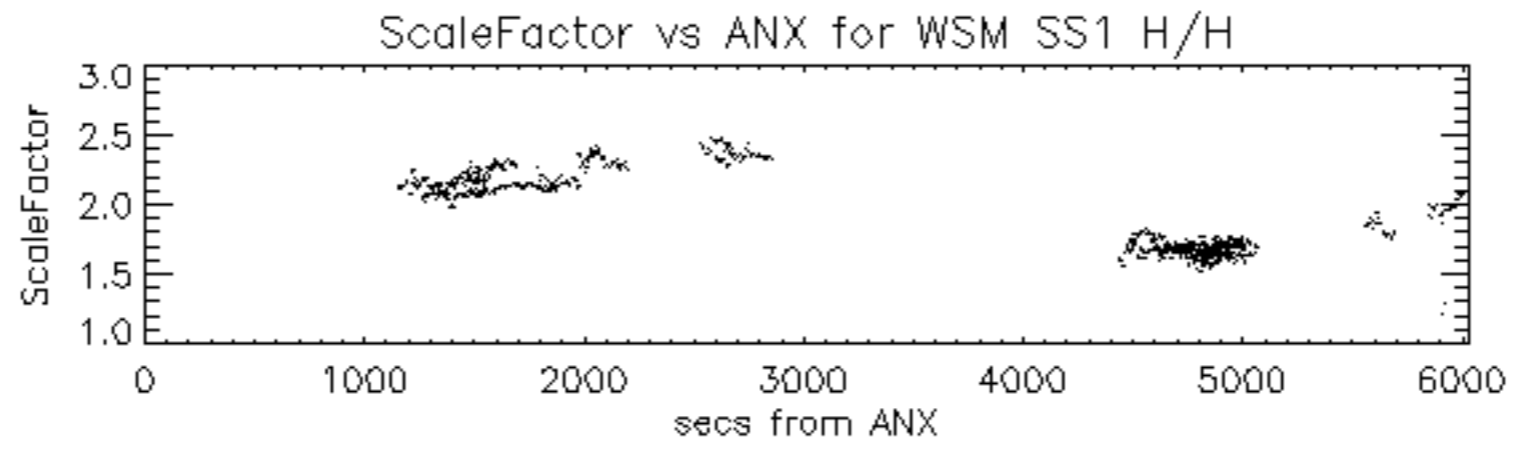
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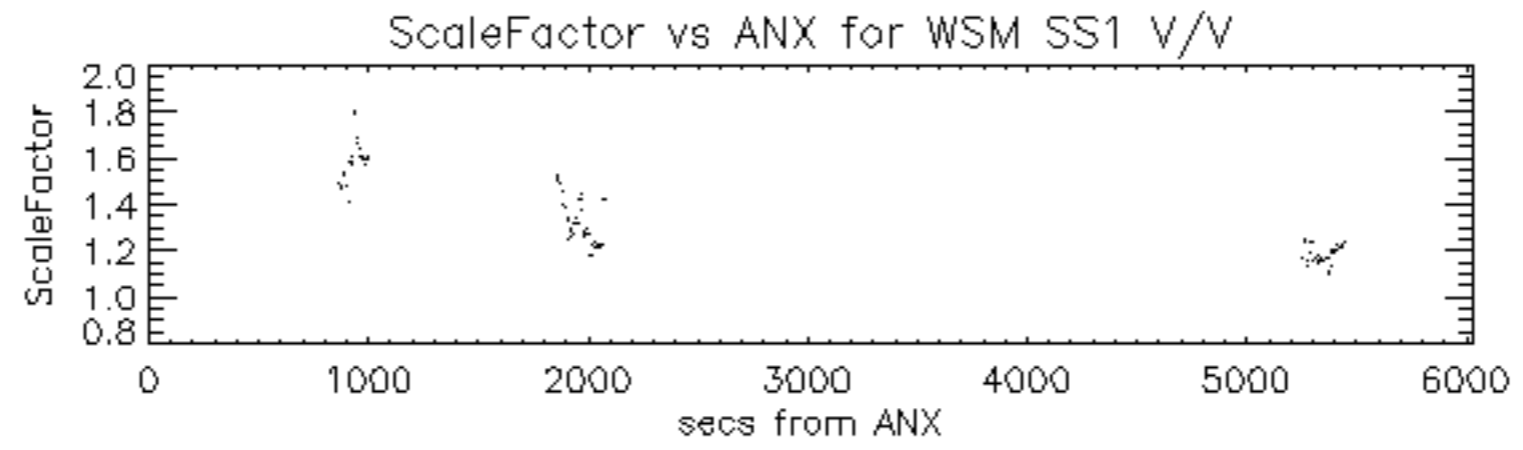


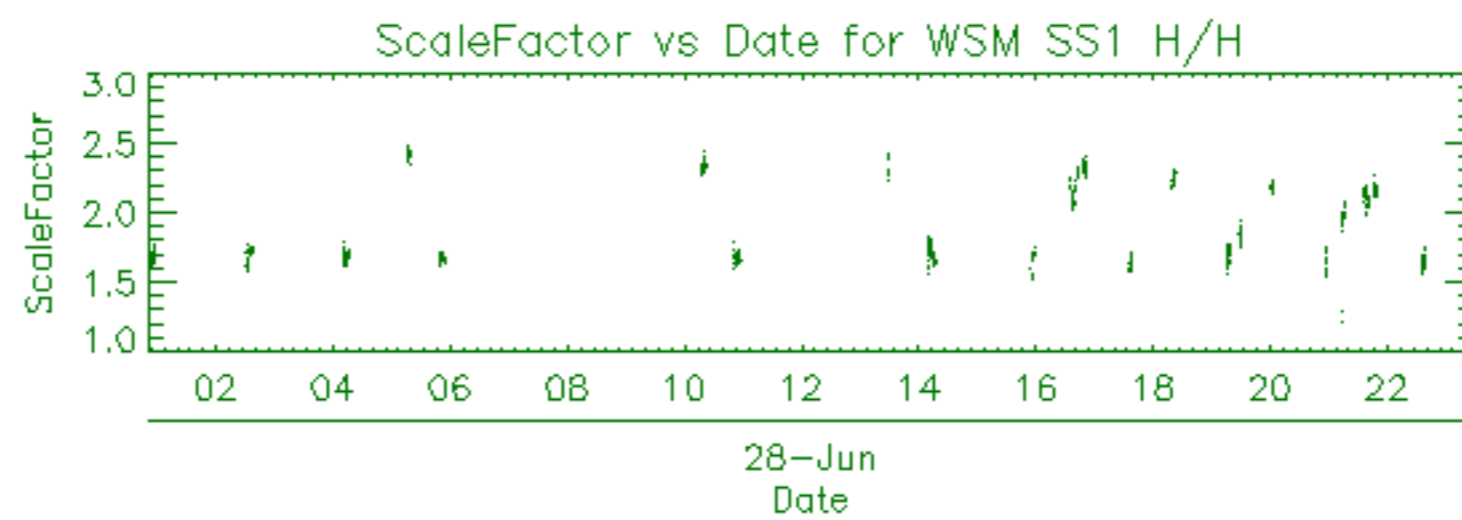




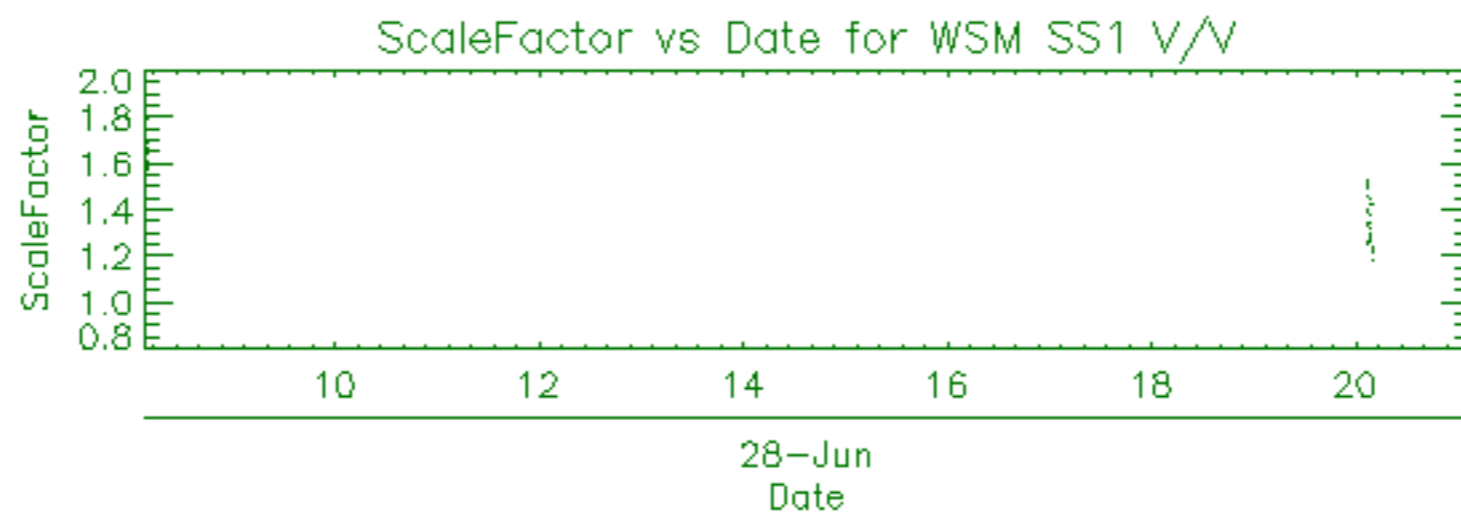












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
ASA_APM_1PNPDE20110628_020148_000000843104_00046_48767_2924.N1						IS4 V/H	104	48767	46	5.04
ASA_APM_1PNPDE20110628_043724_000002193104_00048_48769_2980.N1						IS4 V/V	104	48769	48	5.04
ASA_APM_1PNPDE20110628_070539_000001163104_00049_48770_3035.N1						IS4 V/V	104	48770	49	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20110627_235922_000005553104_00045_48766_2902.N1						SS1	H/H	104	48766	45	5.04
ASA_GM1_1PNPDE20110628_002357_000001083104_00045_48766_2904.N1						SS1	H/H	104	48766	45	5.04
ASA_GM1_1PNPDE20110628_002731_000003023104_00045_48766_2906.N1						SS1	H/H	104	48766	45	5.04
ASA_GM1_1PNPDE20110628_004002_000006283104_00045_48766_2909.N1						SS1	H/H	104	48766	45	5.04
ASA_GM1_1PNPDE20110628_010722_000003143104_00045_48766_2928.N1						SS1	H/H	104	48766	45	5.04
ASA_GM1_1PNPDE20110628_013059_000013293104_00046_48767_2947.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_015941_000001263104_00046_48767_2946.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_020329_000001443104_00046_48767_2944.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_022016_000006283104_00046_48767_2942.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_024216_000000903104_00046_48767_2941.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_024353_000003983104_00046_48767_2940.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_025157_000002713104_00046_48767_2938.N1						SS1	H/H	104	48767	46	5.04
ASA_GM1_1PNPDE20110628_030244_000001633104_00047_48768_2937.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_030618_000004593104_00047_48768_2936.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_031446_000009243104_00047_48768_2935.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_033416_000002953104_00047_48768_2948.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_040030_000005433104_00047_48768_2985.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_041734_000000903104_00047_48768_2986.N1						SS1	H/H	104	48768	47	5.04
ASA_GM1_1PNPDE20110628_044123_000018313104_00048_48769_2991.N1						SS1	H/H	104	48769	48	5.04
ASA_GM1_1PNPDE20110628_054045_000004413104_00048_48769_3038.N1						SS1	H/H	104	48769	48	5.04
ASA_GM1_1PNPDE20110628_062958_000007433104_00049_48770_3039.N1						SS1	H/H	104	48770	49	5.04
ASA_GM1_1PNPDE20110628_064716_000002893104_00049_48770_3041.N1						SS1	H/H	104	48770	49	5.04
ASA_GM1_1PNPDE20110628_065454_000003503104_00049_48770_3042.N1						SS1	H/H	104	48770	49	5.04
ASA_GM1_1PNPDE20110628_070756_000002053104_00049_48770_3050.N1						SS1	H/H	104	48770	49	5.04
ASA_GM1_1PNPDK20110628_072059_000005673104_00049_48770_5287.N1						SS1	H/H	104	48770	49	5.04
ASA_GM1_1PNPDK20110628_081104_000006283104_00050_48771_5294.N1						SS1	H/H	104	48771	50	5.04
ASA_GM1_1PNPDK20110628_154208_000007613104_00054_48775_5440.N1						SS1	H/H	104	48775	54	5.04
ASA_GM1_1PNPDK20110628_162034_000008883104_00055_48776_5442.N1						SS1	H/H	104	48776	55	5.04
ASA_GM1_1PNPDE20110628_195207_000001993104_00057_48778_3120.N1						SS1	H/H	104	48778	57	5.04
ASA_GM1_1PNPDE20110628_195907_000000663104_00057_48778_3119.N1						SS1	H/H	104	48778	57	5.04
ASA_GM1_1PNPDE20110628_200209_000002653104_00057_48778_3121.N1						SS1	H/H	104	48778	57	5.04
ASA_GM1_1PNPDE20110628_204407_000007013104_00057_48778_3123.N1						SS1	H/H	104	48778	57	5.04
ASA_GM1_1PNPDE20110628_210657_000003683104_00057_48778_3165.N1						SS1	H/H	104	48778	57	5.04
ASA_GM1_1PNPDE20110628_211628_000004653104_00058_48779_3169.N1						SS1	H/H	104	48779	58	5.04
ASA_GM1_1PNPDE20110628_212736_000001503104_00058_48779_3167.N1						SS1	H/H	104	48779	58	5.04
ASA_GM1_1PNPDE20110628_213350_000000723104_00058_48779_3166.N1						SS1	H/H	104	48779	58	5.04
ASA_GM1_1PNPDE20110628_214145_000002353104_00058_48779_3171.N1						SS1	H/H	104	48779	58	5.04
ASA_GM1_1PNPDE20110628_222421_000006283104_00058_48779_3180.N1						SS1	H/H	104	48779	58	5.04
ASA_GM1_1PNPDE20110628_225710_000003863104_00059_48780_3188.N1						SS1	H/H	104	48780	59	5.04
ASA_GM1_1PNPDE20110628_231604_000001503104_00059_48780_3189.N1						SS1	H/H	104	48780	59	5.04
ASA_GM1_1PNPDE20110628_232748_000001993104_00059_48780_3192.N1						SS1	H/H	104	48780	59	5.04
ASA_GM1_1PNPDE20110628_234657_000001443104_00059_48780_3191.N1						SS1	H/H	104	48780	59	5.04
ASA_GM1_1PNPDE20110628_235057_000002773104_00059_48780_3196.N1						SS1	H/H	104	48780	59	5.04
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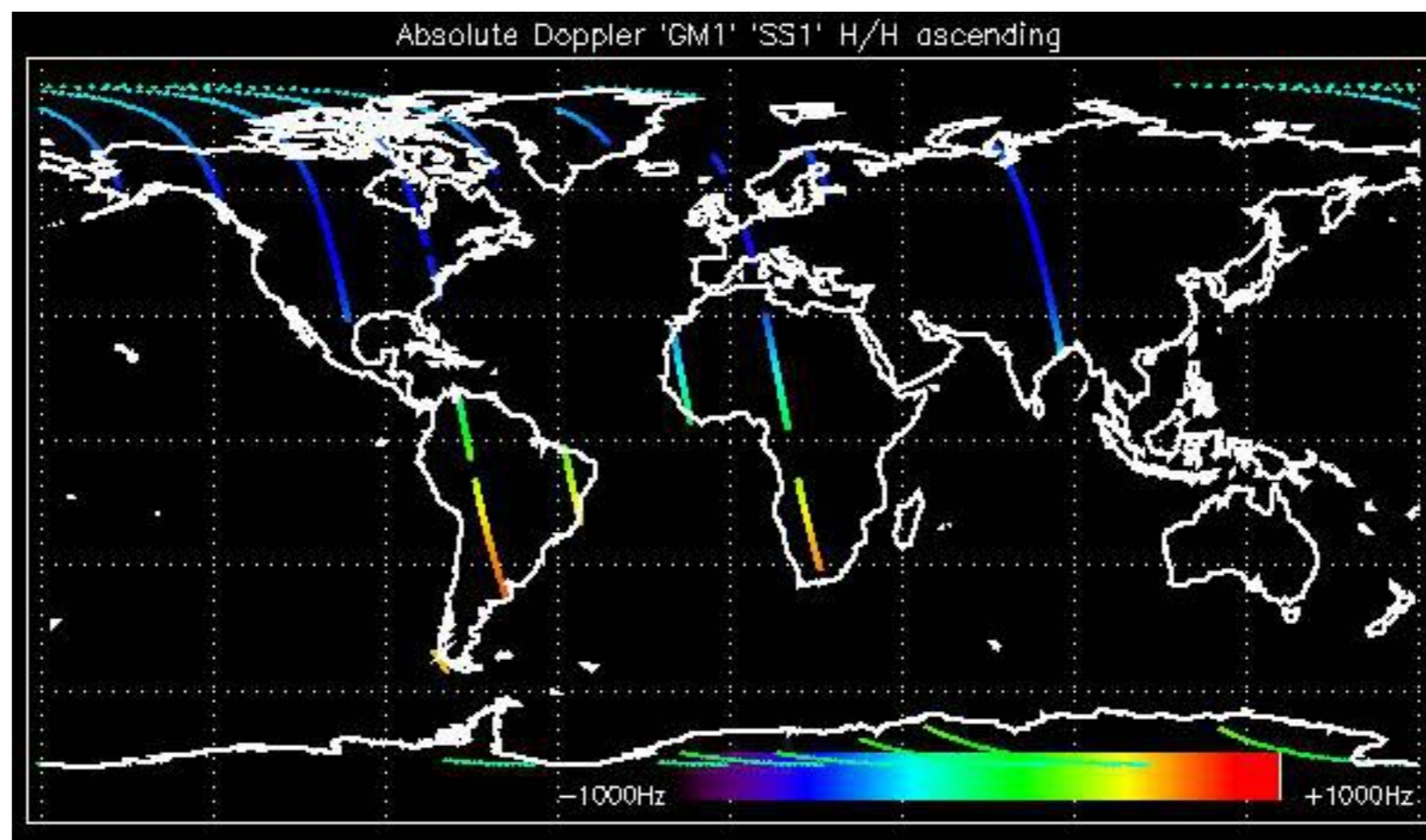
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20110628_015822_000000633104_00046_48767_2925.N1						IS3	H/H	104	48767	46	5.04
ASA_IMM_1PNPDE20110628_025030_000000793104_00046_48767_2931.N1						IS4	V/V	104	48767	46	5.04
ASA_IMM_1PNPDE20110628_030528_000000383104_00047_48768_2930.N1						IS7	H/H	104	48768	47	5.04
ASA_IMM_1PNPDE20110628_033008_000002393104_00047_48768_2923.N1						IS6	H/H	104	48768	47	5.04
ASA_IMM_1PNPDE20110628_051152_000001583104_00048_48769_2981.N1						IS6	H/H	104	48769	48	5.04
ASA_IMM_1PNPDK20110628_064221_000002853104_00049_48770_5275.N1						IS6	H/H	104	48770	49	5.04
ASA_IMM_1PNPDE20110628_065204_000001583104_00049_48770_3033.N1						IS6	H/H	104	48770	49	5.04
ASA_IMM_1PNPDE20110628_070040_000002323104_00049_48770_3034.N1						IS2	V/V	104	48770	49	5.04
ASA_IMM_1PNPDE20110628_082308_000002483104_00050_48771_3062.N1						IS6	H/H	104	48771	50	5.04
ASA_IMM_1PNPDK20110628_082753_000002203104_00050_48771_5305.N1						IS6	H/H	104	48771	50	5.04
ASA_IMM_1PNPDE20110628_083244_000000993104_00050_48771_3063.N1						IS6	H/H	104	48771	50	5.04
ASA_IMM_1PNPDE20110628_083531_000002333104_00050_48771_3064.N1						IS6	H/H	104	48771	50	5.04
ASA_IMM_1PNPDE20110628_100922_000000393104_00051_48772_3083.N1						IS2	H/H	104	48772	51	5.04
ASA_IMM_1PNPDE20110628_110312_000000373104_00051_48772_3096.N1						IS6	H/H	104	48772	51	5.04
ASA_IMM_1PNPDE20110628_120549_000002603104_00052_48773_3097.N1						IS6	H/H	104	48773	52	5.04
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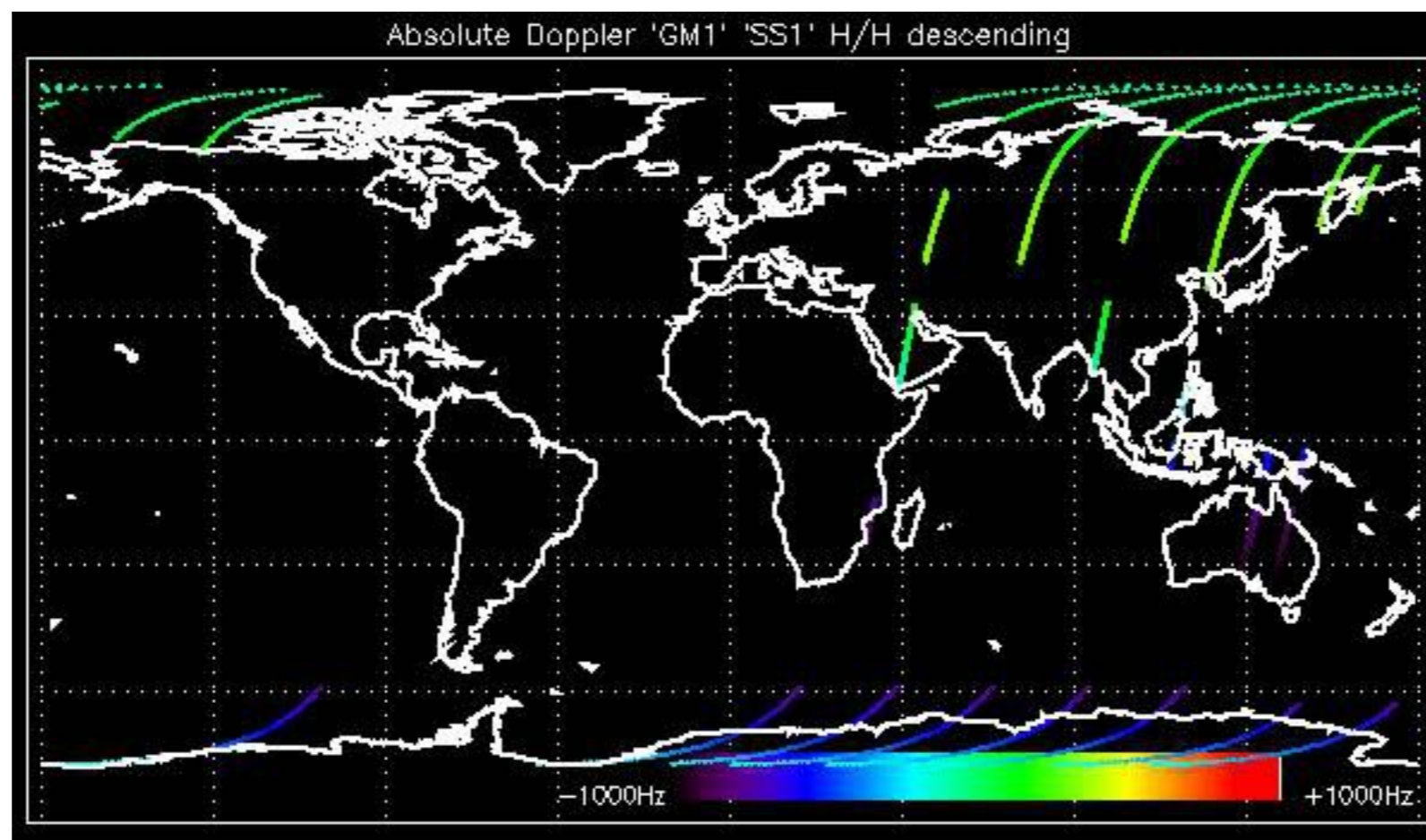


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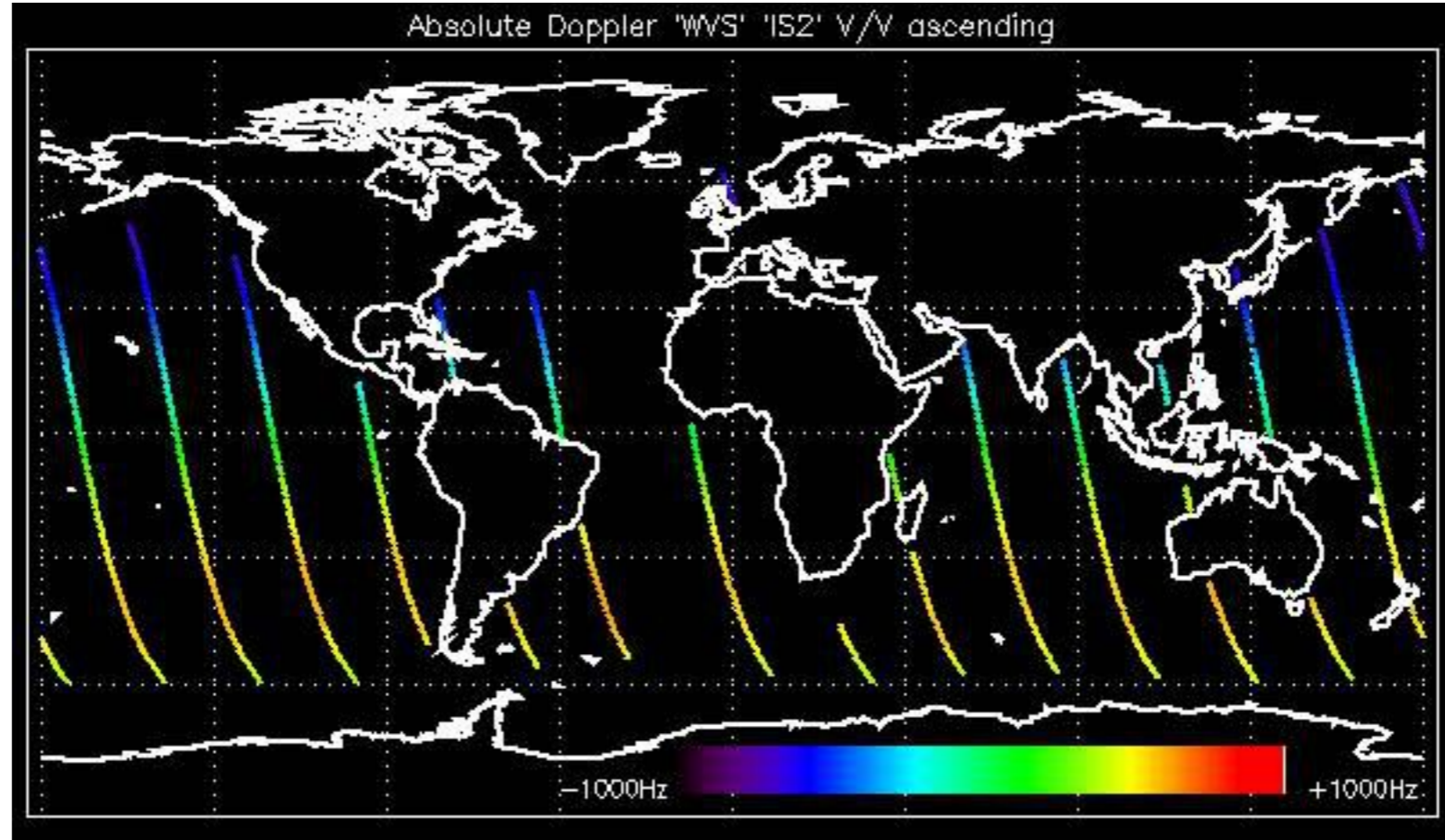
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20110628_005109_000003923104_00045_48766_2901.N1						SS1	H/H	104	48766	45	5.04
ASA_WSM_1PNPDE20110628_023047_000003923104_00046_48767_2927.N1						SS1	H/H	104	48767	46	5.04
ASA_WSM_1PNPDE20110628_040935_000003923104_00047_48768_2979.N1						SS1	H/H	104	48768	47	5.04
ASA_WSM_1PNPDE20110628_051545_000001713104_00048_48769_2983.N1						SS1	H/H	104	48769	48	5.04
ASA_WSM_1PNPDE20110628_054806_000004533104_00048_48769_3032.N1						SS1	H/H	104	48769	48	5.04
ASA_WSM_1PNPDK20110628_080829_000001533104_00050_48771_5303.N1						SS1	V/V	104	48771	50	5.04
ASA_WSM_1PNPDE20110628_101734_000002813104_00051_48772_3084.N1						SS1	H/H	104	48772	51	5.04
ASA_WSM_1PNPDE20110628_105037_000003923104_00051_48772_3095.N1						SS1	H/H	104	48772	51	5.04
ASA_WSM_1PNPDE20110628_132744_000001103104_00053_48774_3109.N1						SS1	H/H	104	48774	53	5.04
ASA_WSM_1PNPDE20110628_140839_000005513104_00053_48774_3110.N1						SS1	H/H	104	48774	53	5.04
ASA_WSM_1PNPDE20110628_155450_000002143104_00054_48775_3111.N1						SS1	H/H	104	48775	54	5.04
ASA_WSM_1PNPDK20110628_163524_000002083104_00055_48776_5450.N1						SS1	H/H	104	48776	55	5.04
ASA_WSM_1PNPDE20110628_163917_000002693104_00055_48776_3113.N1						SS1	H/H	104	48776	55	5.04
ASA_WSM_1PNPDE20110628_164809_000002513104_00055_48776_3115.N1						SS1	H/H	104	48776	55	5.04
ASA_WSM_1PNPDE20110628_173530_000002143104_00055_48776_3114.N1						SS1	H/H	104	48776	55	5.04
ASA_WSM_1PNPDE20110628_181845_000002513104_00056_48777_3116.N1						SS1	H/H	104	48777	56	5.04
ASA_WSM_1PNPDE20110628_191437_000002753104_00056_48777_3117.N1						SS1	H/H	104	48777	56	5.04
ASA_WSM_1PNPDE20110628_192808_000001533104_00056_48777_3118.N1						SS1	H/H	104	48777	56	5.04
ASA_WSM_1PNPDE20110628_200021_000001043104_00057_48778_3131.N1						SS1	H/H	104	48778	57	5.04
ASA_WSM_1PNPDE20110628_200636_000002513104_00057_48778_3133.N1						SS1	V/V	104	48778	57	5.04
ASA_WSM_1PNPDE20110628_205553_000001533104_00057_48778_3124.N1						SS1	H/H	104	48778	57	5.04
ASA_WSM_1PNPDE20110628_210319_000002143104_00057_48778_3130.N1						SS1	V/V	104	48778	57	5.04
ASA_WSM_1PNPDE20110628_211307_000001903104_00057_48778_3134.N1						SS1	H/H	104	48778	57	5.04
ASA_WSM_1PNPDE20110628_213508_000003923104_00058_48779_3173.N1						SS1	H/H	104	48779	58	5.04
ASA_WSM_1PNPDE20110628_214545_000002143104_00058_48779_3182.N1						SS1	H/H	104	48779	58	5.04
ASA_WSM_1PNPDE20110628_223458_000002753104_00058_48779_3164.N1						SS1	H/H	104	48779	58	5.04
ASA_WSM_1PNPDE20110628_231841_000005443104_00059_48780_3207.N1						SS1	H/H	104	48780	59	5.04

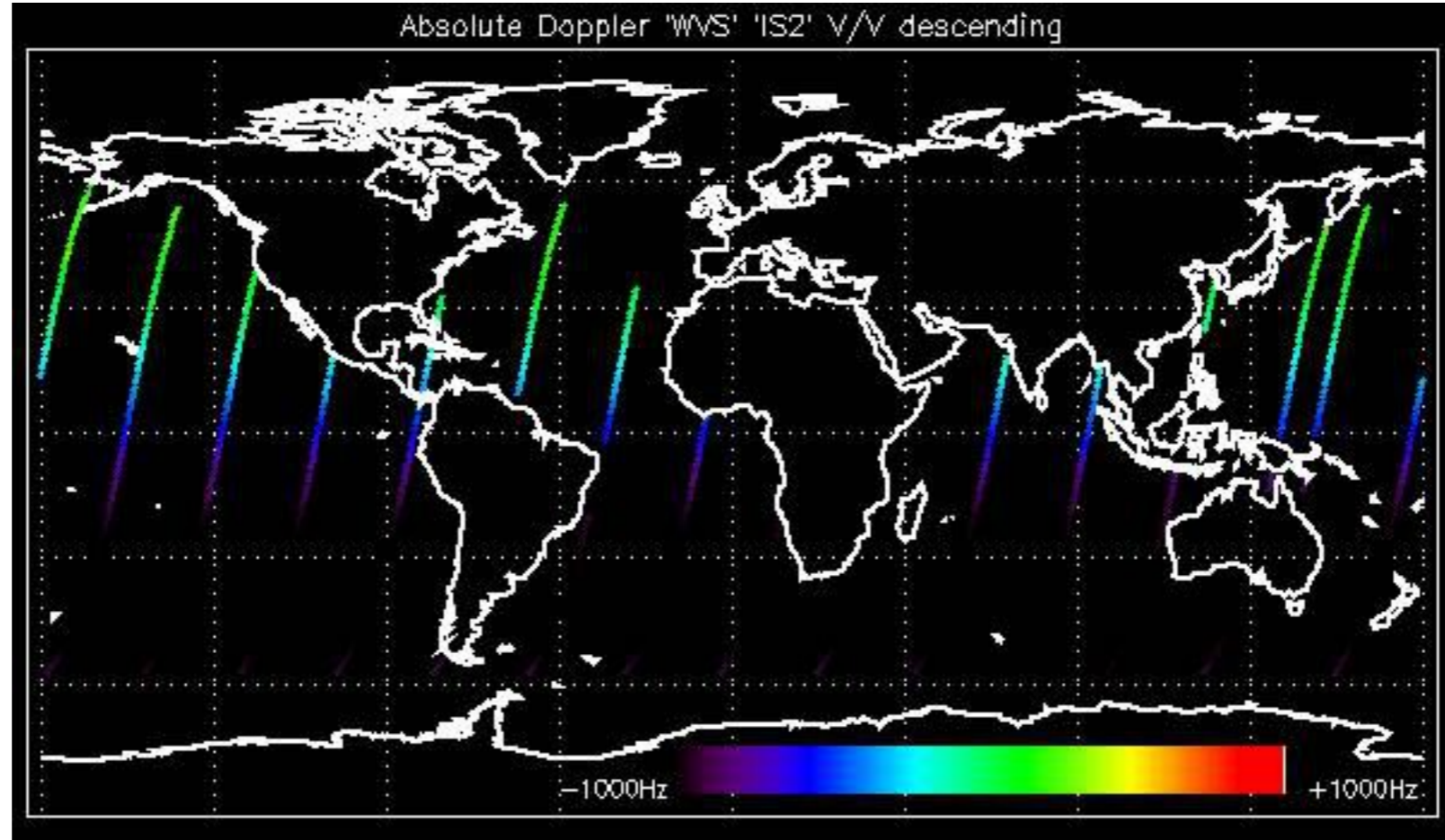
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20110628_000842_000008693104_00045_48766_2903.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_002549_000000593104_00045_48766_2905.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_003236_000004053104_00045_48766_2907.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_005741_000003153104_00045_48766_2908.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_010211_000002693104_00045_48766_2926.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_011238_000005843104_00045_48766_2932.N1						IS2	V/V	104	48766	45	5.04
ASA_WVS_1PNPDE20110628_015310_000001943104_00046_48767_2945.N1						IS2	V/V	104	48767	46	5.04
ASA_WVS_1PNPDE20110628_020558_000008103104_00046_48767_2943.N1						IS2	V/V	104	48767	46	5.04
ASA_WVS_1PNPDE20110628_023718_000002553104_00046_48767_2939.N1						IS2	V/V	104	48767	46	5.04
ASA_WVS_1PNPDE20110628_025630_000003293104_00047_48768_2934.N1						IS2	V/V	104	48768	47	5.04
ASA_WVS_1PNPDE20110628_033916_000007943104_00047_48768_2933.N1						IS2	V/V	104	48768	47	5.04
ASA_WVS_1PNPDE20110628_035216_000002403104_00047_48768_2984.N1						IS2	V/V	104	48768	47	5.04
ASA_WVS_1PNPDE20110628_041908_000010493104_00047_48768_2988.N1						IS2	V/V	104	48768	47	5.04
ASA_WVS_1PNPDE20110628_051837_000009743104_00048_48769_2990.N1						IS2	V/V	104	48769	48	5.04
ASA_WVS_1PNPDE20110628_053422_00000753104_00048_48769_3036.N1						IS2	V/V	104	48769	48	5.04
ASA_WVS_1PNPDE20110628_051837_000009743104_00048_48769_2990.N1						IS1	V/V	104	48769	48	5.04
ASA_WVS_1PNPDE20110628_053756_000001203104_00048_48769_3037.N1						IS2	V/V	104	48769	48	5.04
ASA_WVS_1PNPDE20110628_055638_000017243104_00048_48769_3049.N1						IS2	V/V	104	48769	48	5.04
ASA_WVS_1PNPDE20110628_071122_000002403104_00049_48770_3048.N1						IS2	V/V	104	48770	49	5.04
ASA_WVS_1PNPDK20110628_071452_000003303104_00049_48770_5286.N1						IS2	V/V	104	48770	49	5.04
ASA_WVS_1PNPDE20110628_071122_000002403104_00049_48770_3048.N1						IS1	V/V	104	48770	49	5.04
ASA_WVS_1PNPDK20110628_073652_000018593104_00049_48770_5293.N1						IS2	V/V	104	48770	49	5.04
ASA_WVS_1PNPDK20110628_085004_000006303104_00050_48771_5318.N1						IS2	V/V	104	48771	50	5.04
ASA_WVS_1PNPDK20110628_091706_000020243104_00050_48771_5320.N1						IS2	V/V	104	48771	50	5.04
ASA_WVS_1PNPDK20110628_102316_000010493104_00051_48772_5346.N1						IS2	V/V	104	48772	51	5.04
ASA_WVS_1PNPDK20110628_105720_000003153104_00051_48772_5345.N1						IS2	V/V	104	48772	51	5.04
ASA_WVS_1PNPDK20110628_110356_000014393104_00051_48772_5349.N1						IS2	V/V	104	48772	51	5.04
ASA_WVS_1PNPDK20110628_115457_000006143104_00052_48773_5362.N1						IS2	V/V	104	48773	52	5.04
ASA_WVS_1PNPDK20110628_121015_000006453104_00052_48773_5363.N1						IS2	V/V	104	48773	52	5.04
ASA_WVS_1PNPDK20110628_123750_000003303104_00052_48773_5375.N1						IS2	V/V	104	48773	52	5.04
ASA_WVS_1PNPDK20110628_125401_000006903104_00052_48773_5380.N1						IS2	V/V	104	48773	52	5.04
ASA_WVS_1PNPDK20110628_125401_000006903104_00052_48773_5378.N1						IS2	V/V	104	48773	52	5.04
ASA_WVS_1PNPDK20110628_132934_000007643104_00053_48774_5406.N1						IS2	V/V	104	48774	53	5.04
ASA_WVS_1PNPDK20110628_140014_000000603104_00053_48774_5407.N1						IS2	V/V	104	48774	53	5.04
ASA_WVS_1PNPDK20110628_141755_000004053104_00053_48774_5410.N1						IS2	V/V	104	48774	53	5.04
ASA_WVS_1PNPDK20110628_142937_000000893104_00053_48774_5411.N1						IS2	V/V	104	48774	53	5.04
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5414.N1						IS2	V/V	104	48775	54	5.04
ASA_WVS_1PNPDK20110628_143643_000001493104_00054_48775_5415.N1						IS2	V/V	104	48775	54	5.04
ASA_WVS_1PNPDK20110628_151601_000015293104_00054_48775_5439.N1						IS2	V/V	104	48775	54	5.04
ASA_WVS_1PNPDK20110628_155821_000012893104_00054_48775_5441.N1						IS2	V/V	104	48775	54	5.04
ASA_WVS_1PNPDK20110628_170020_000012743104_00055_48776_5464.N1						IS2	V/V	104	48776	55	5.04
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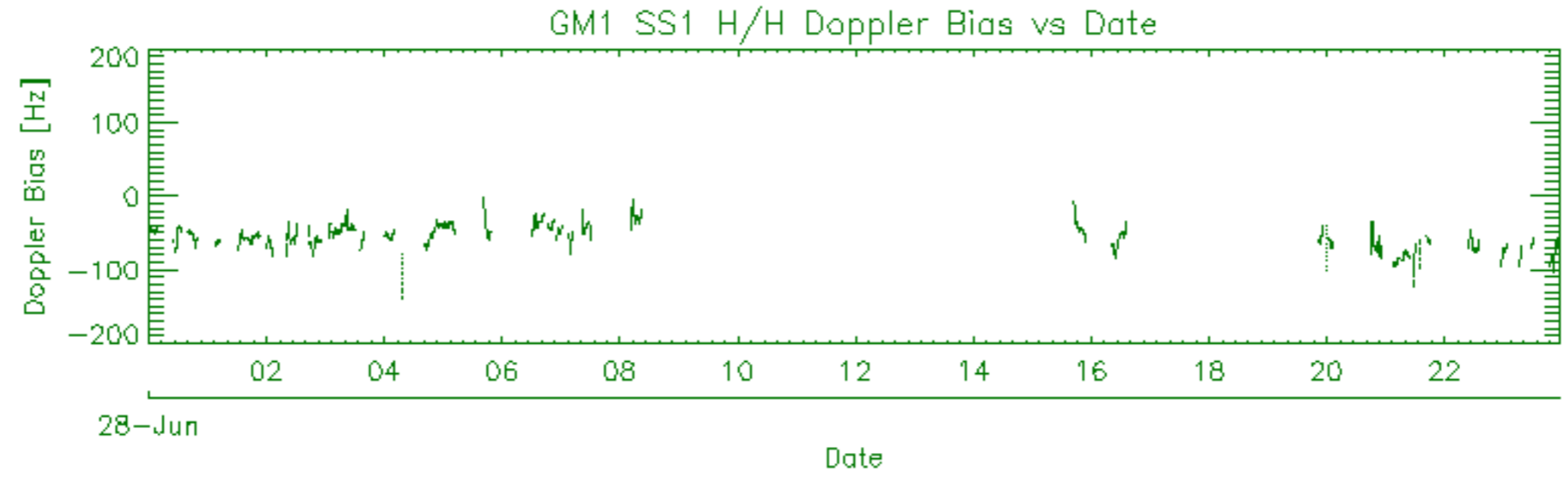
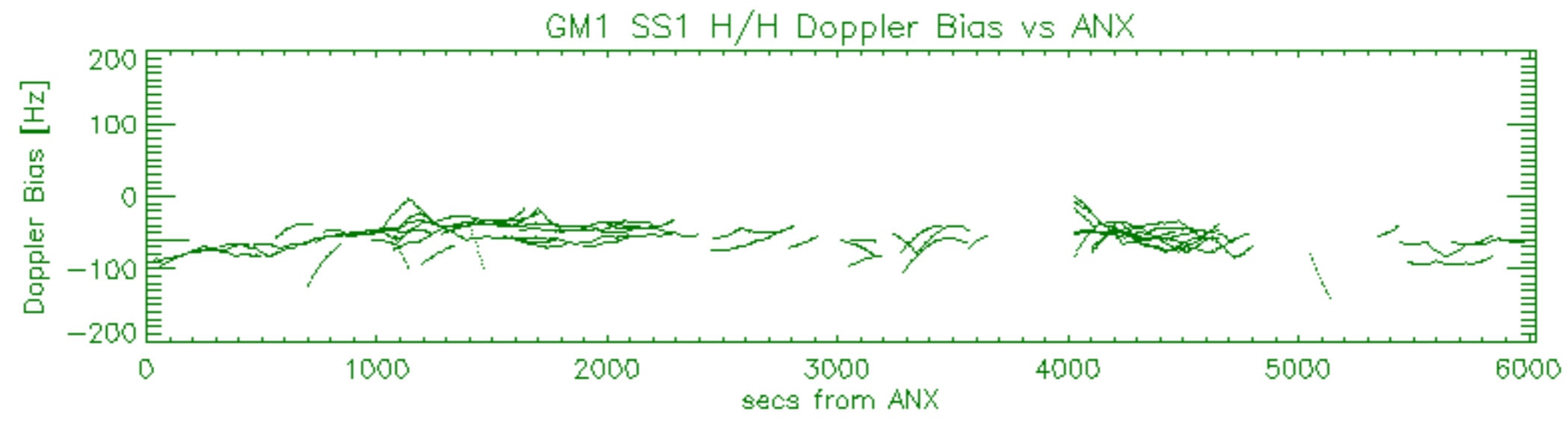
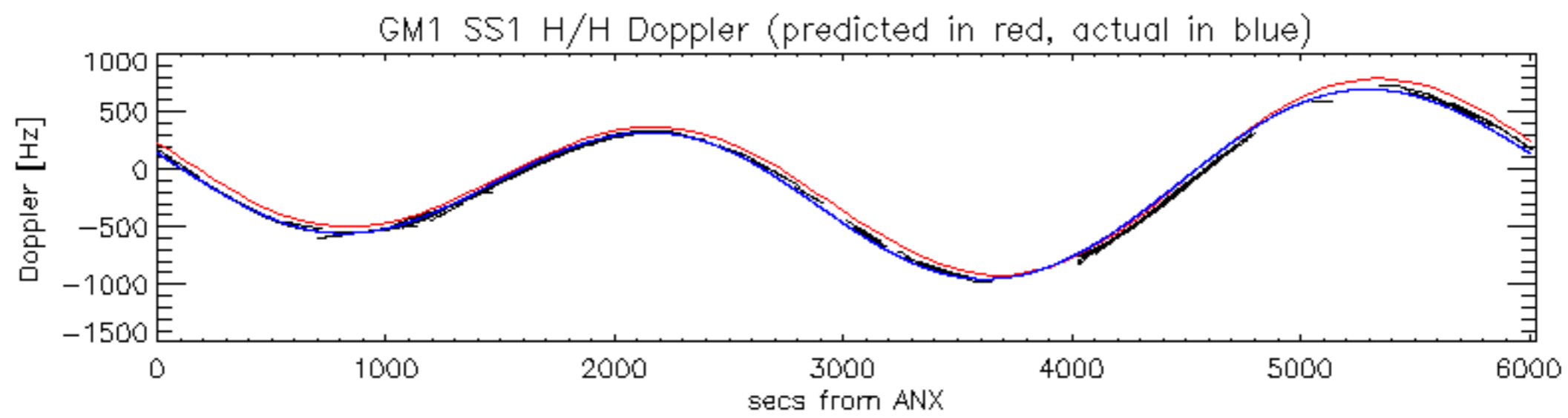


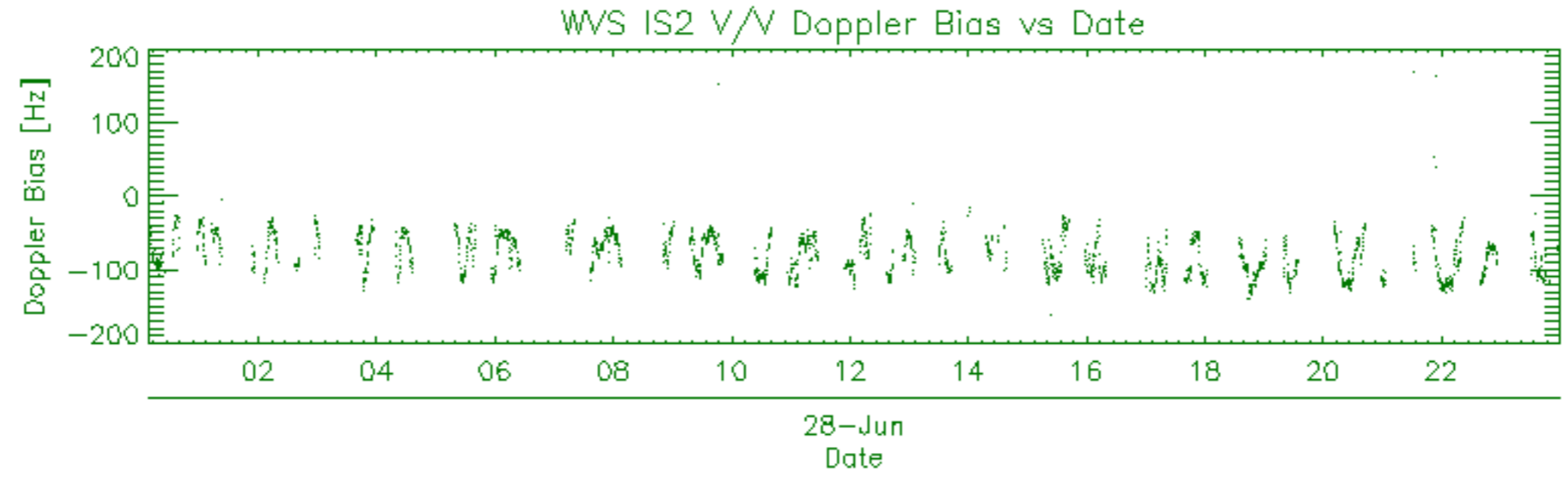
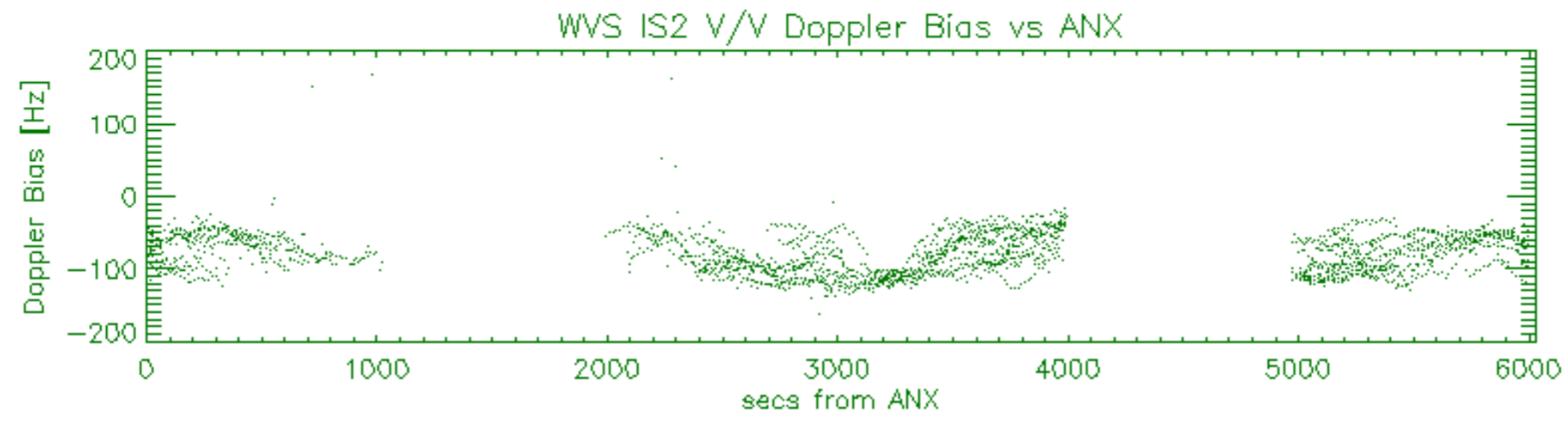
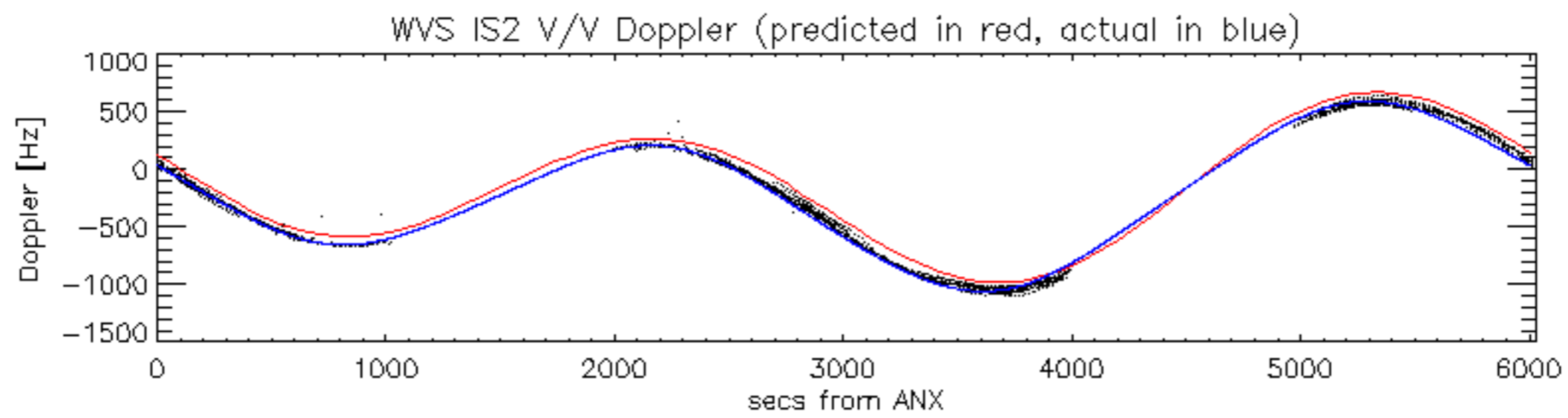




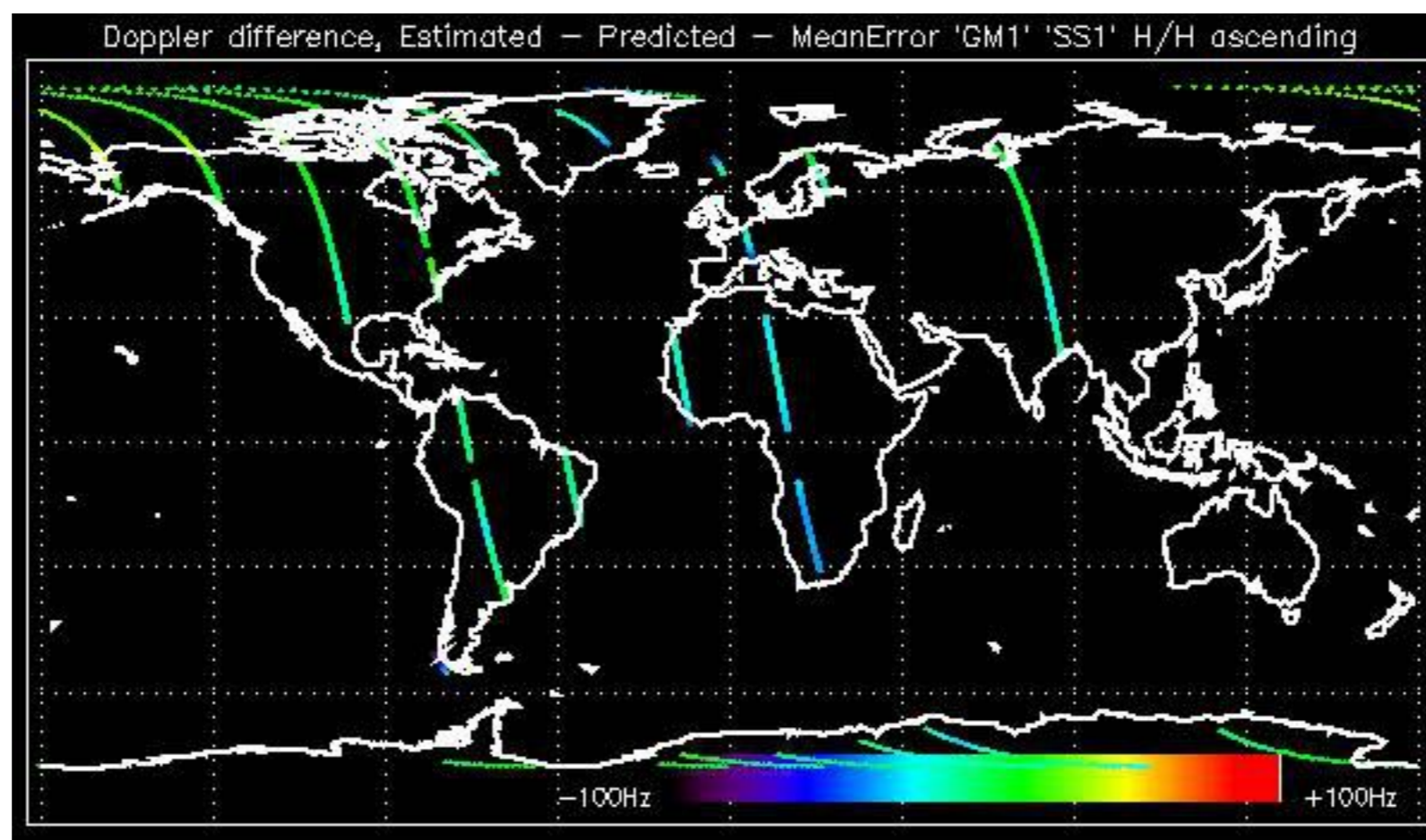




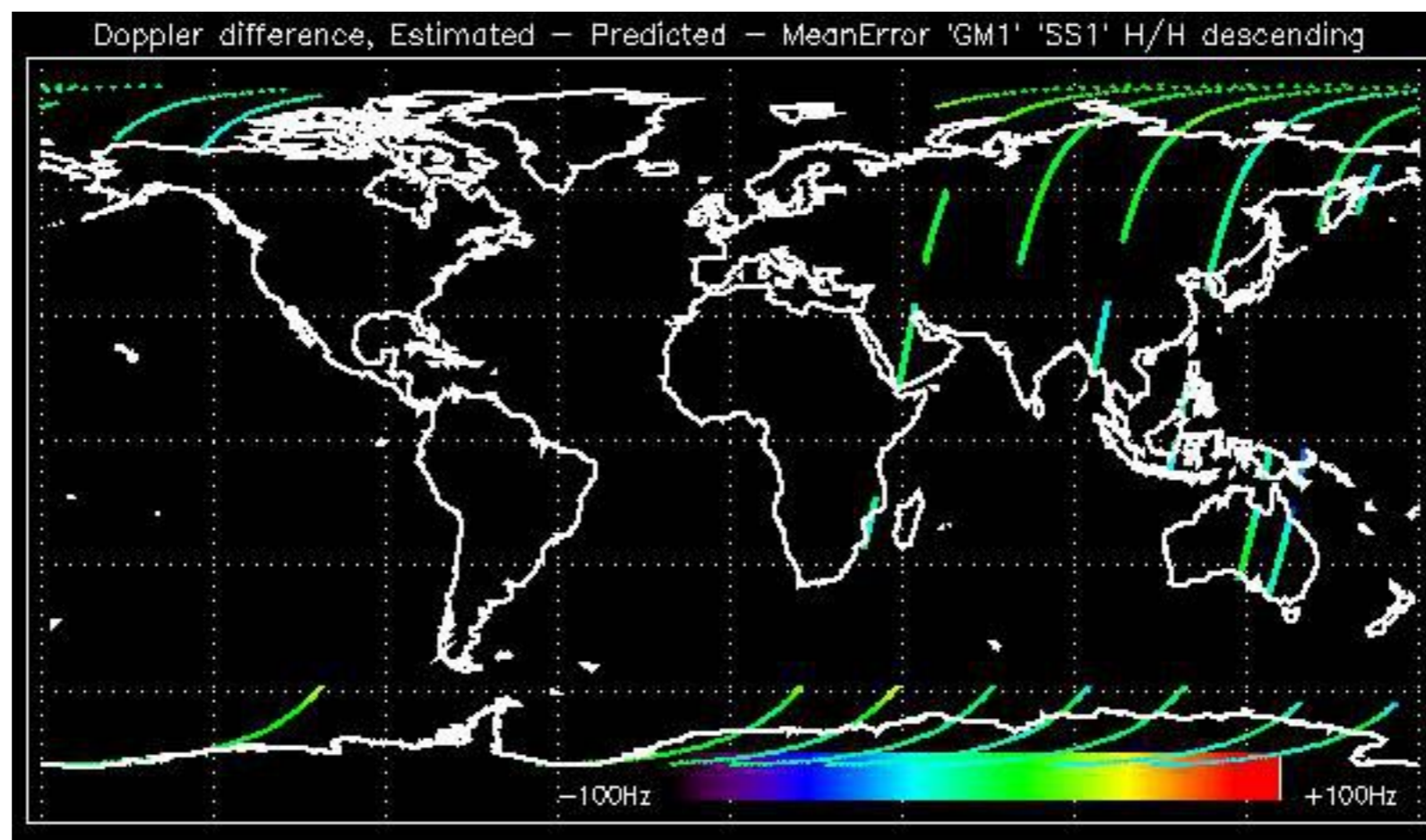


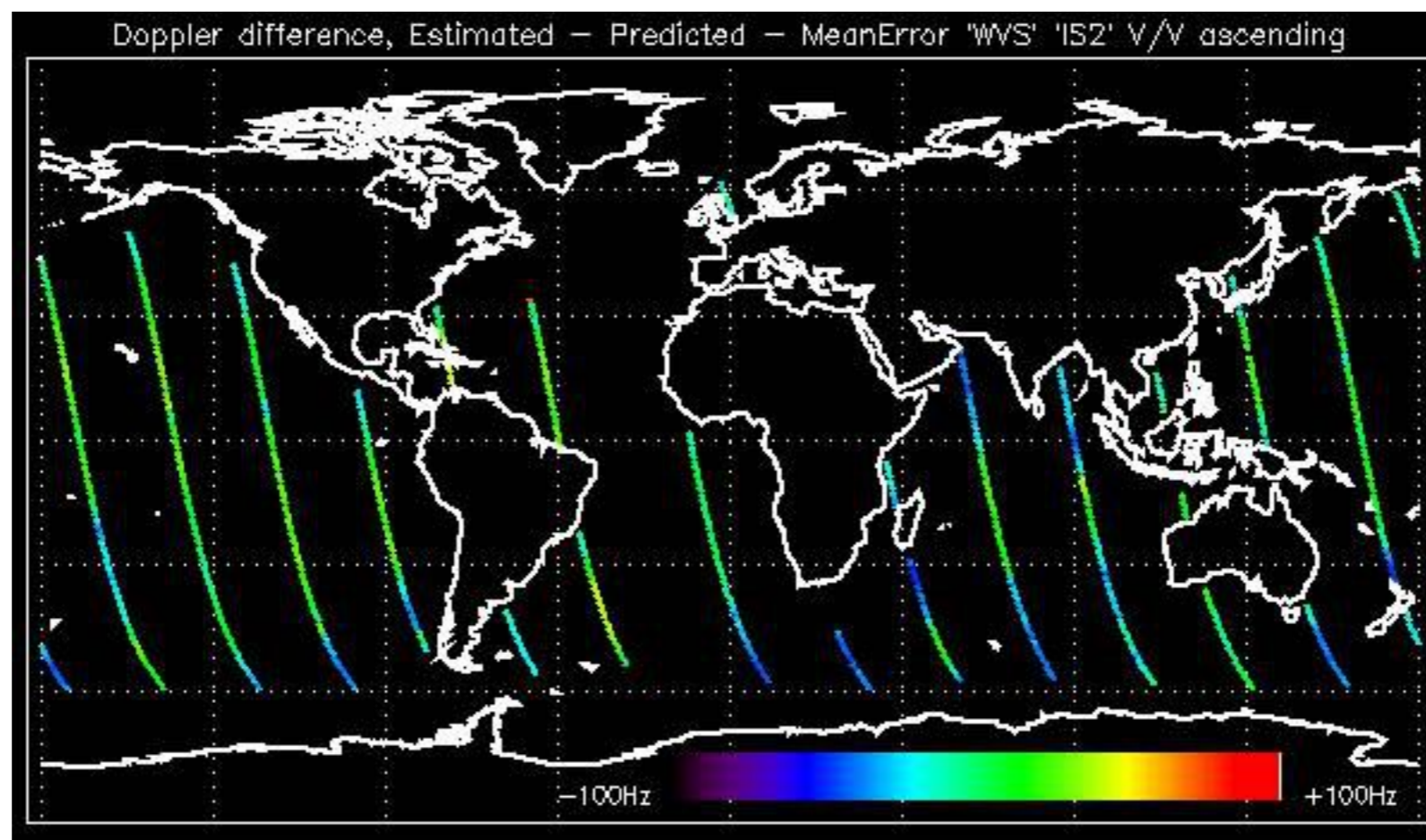


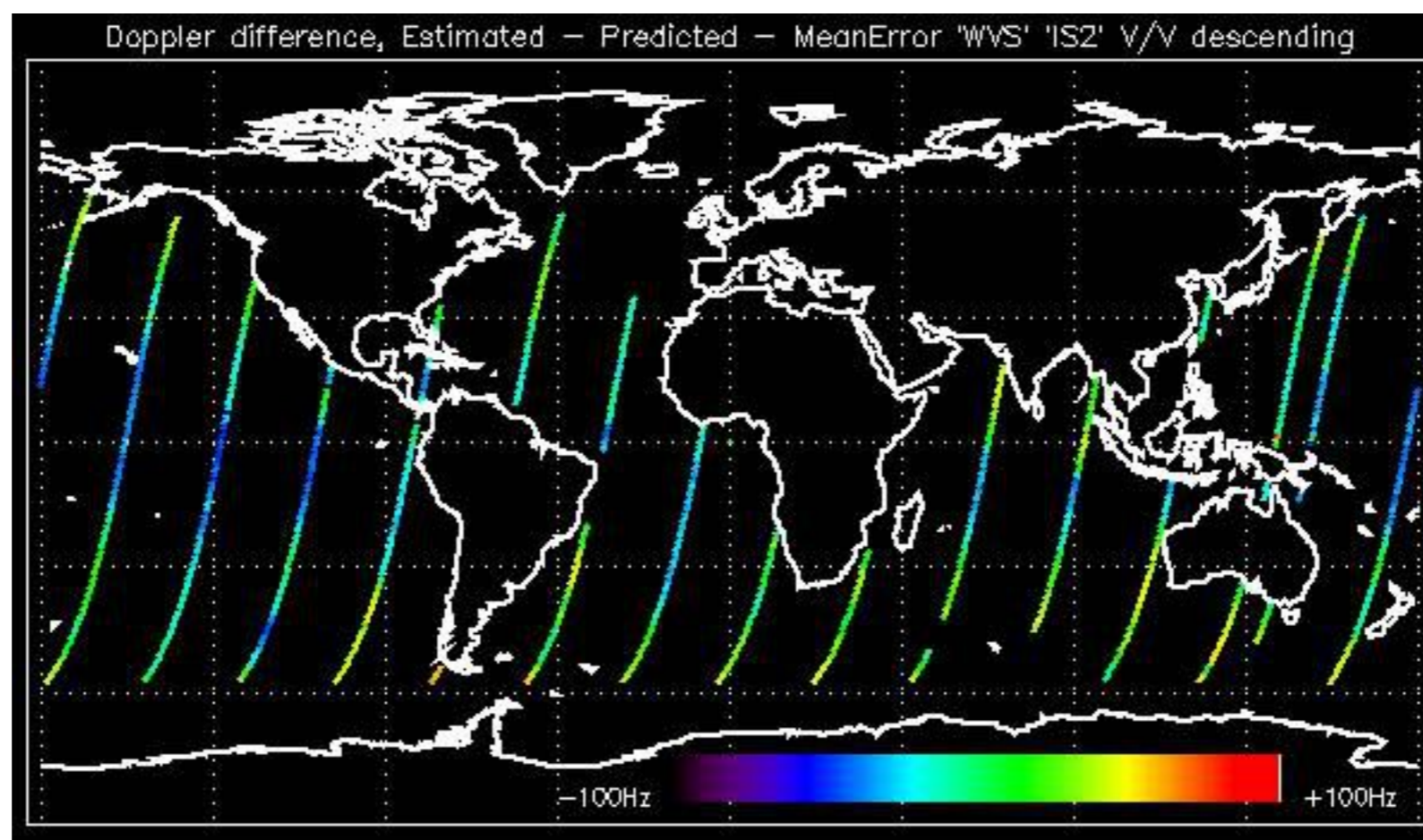


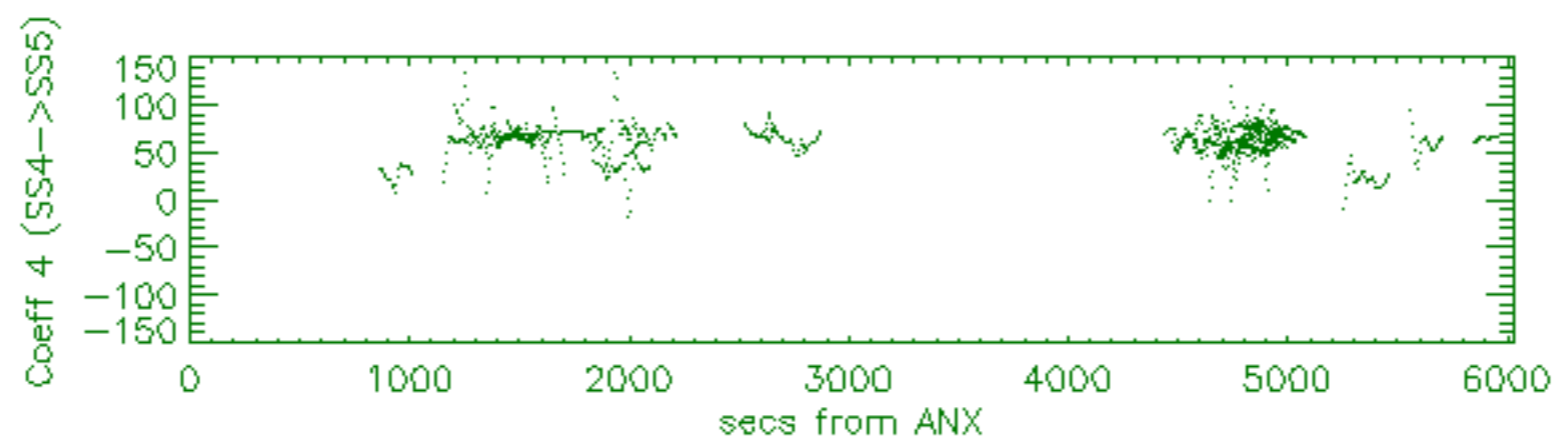
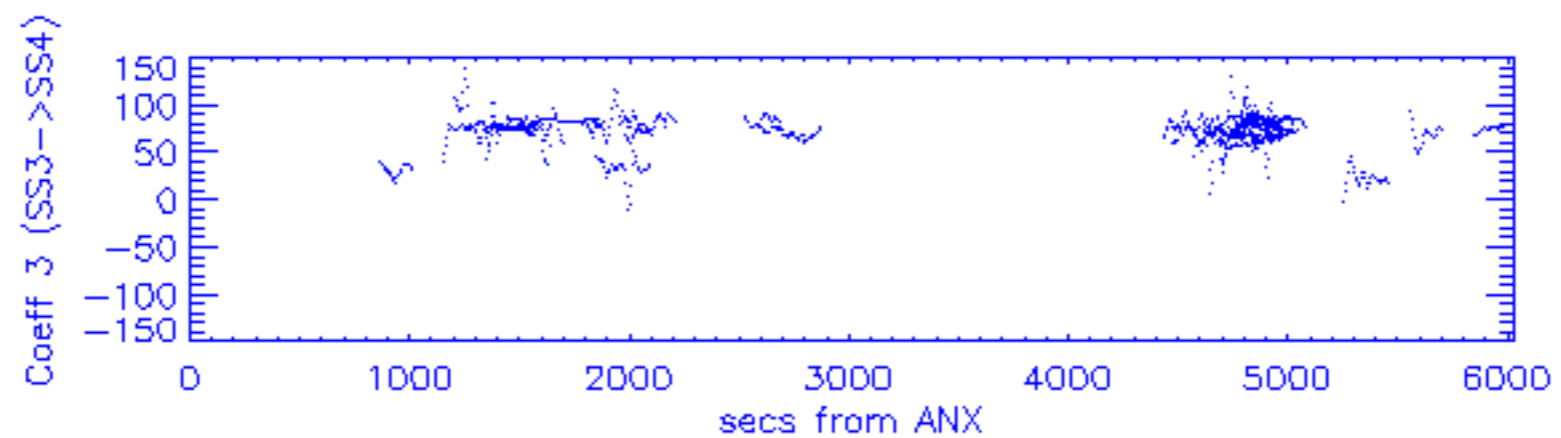
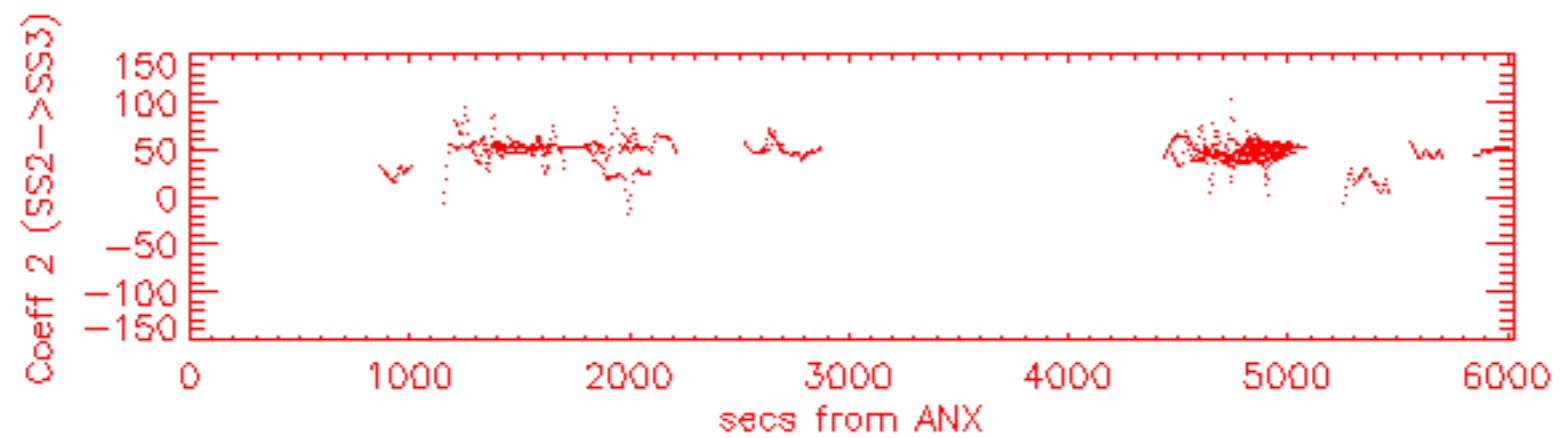
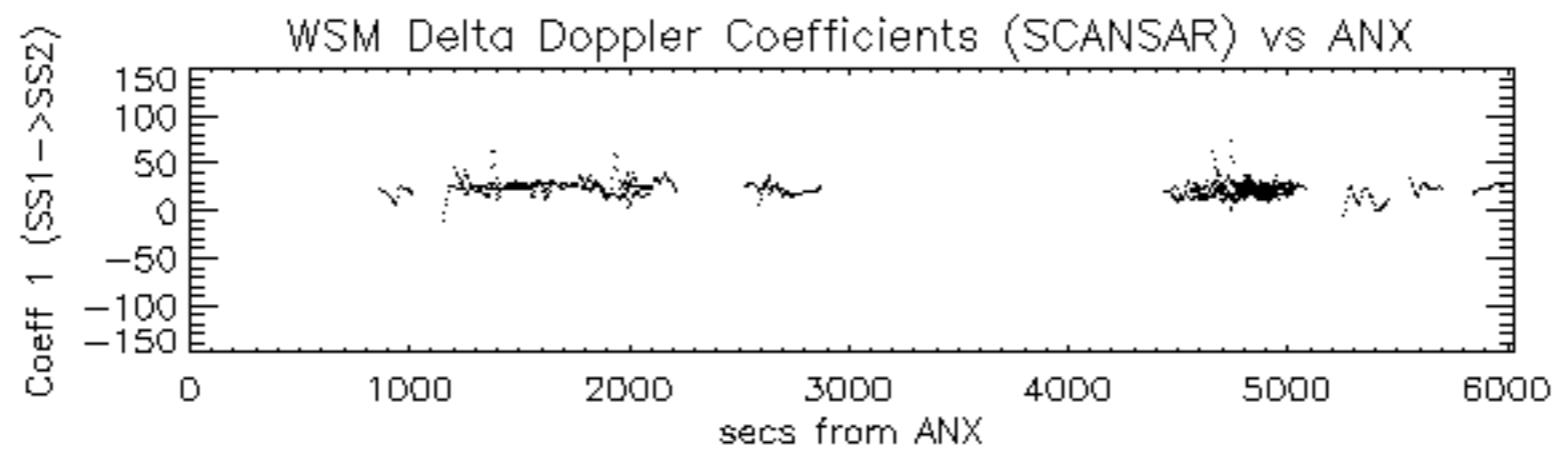




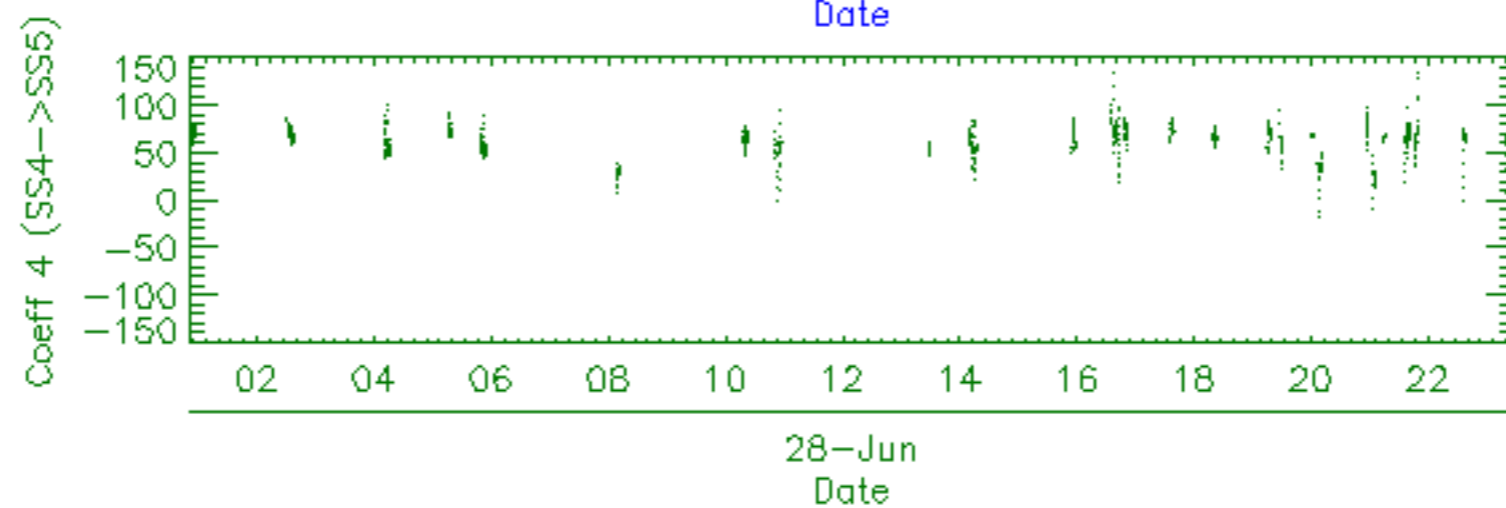
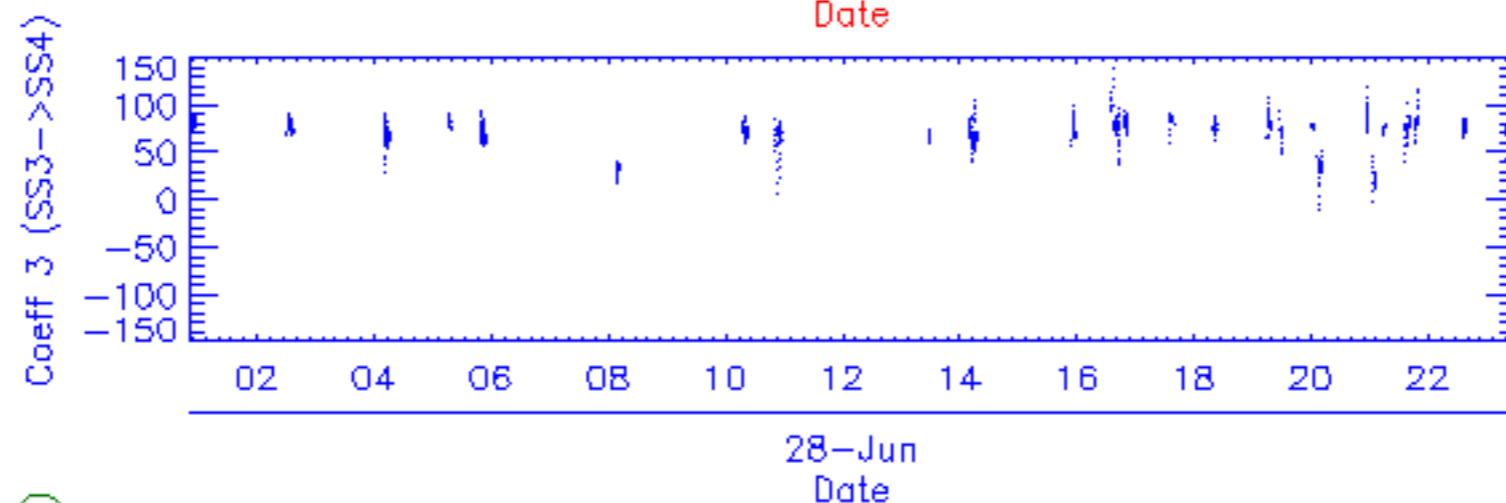
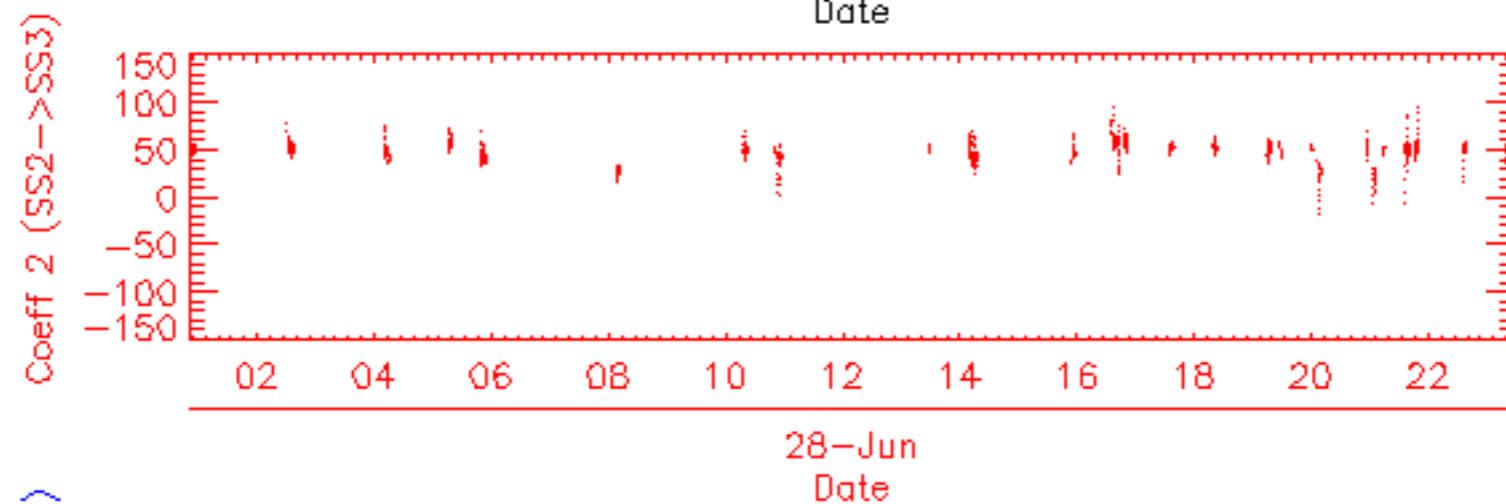
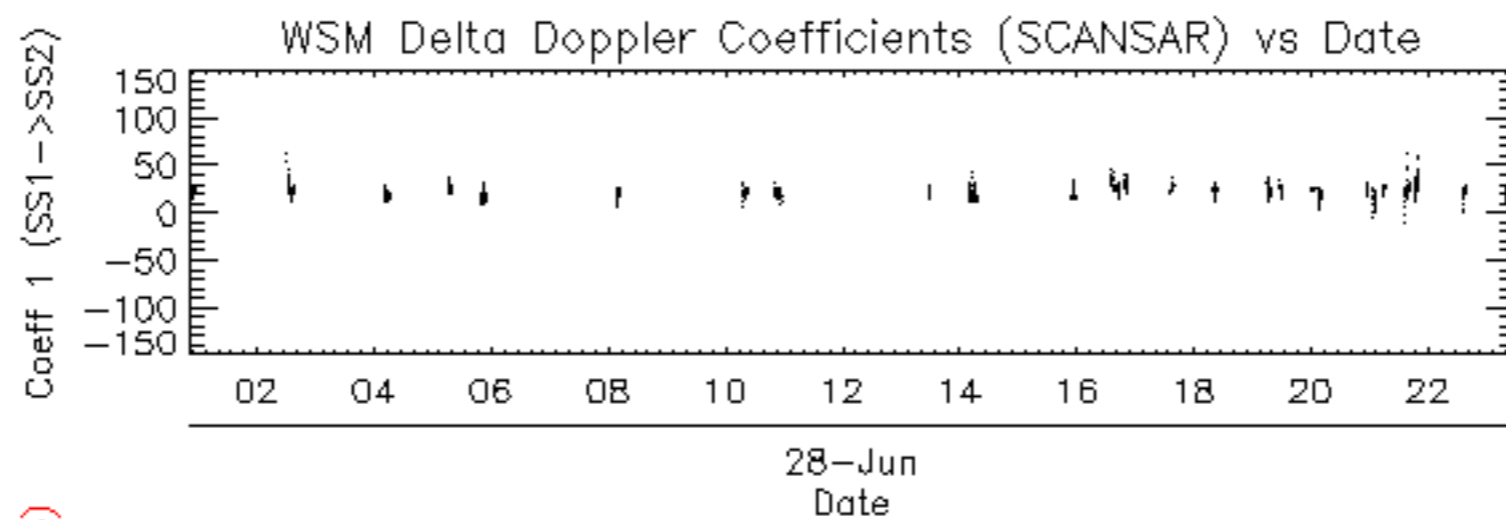






















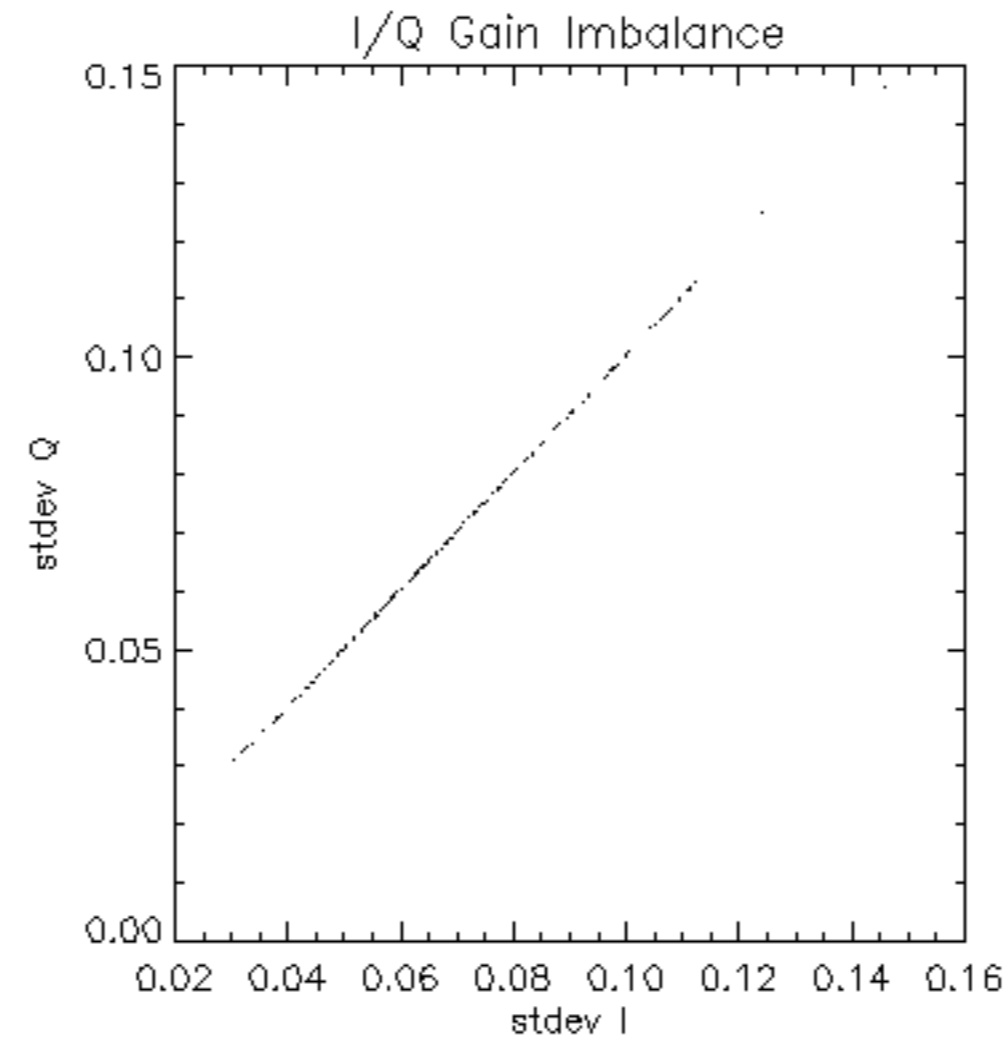


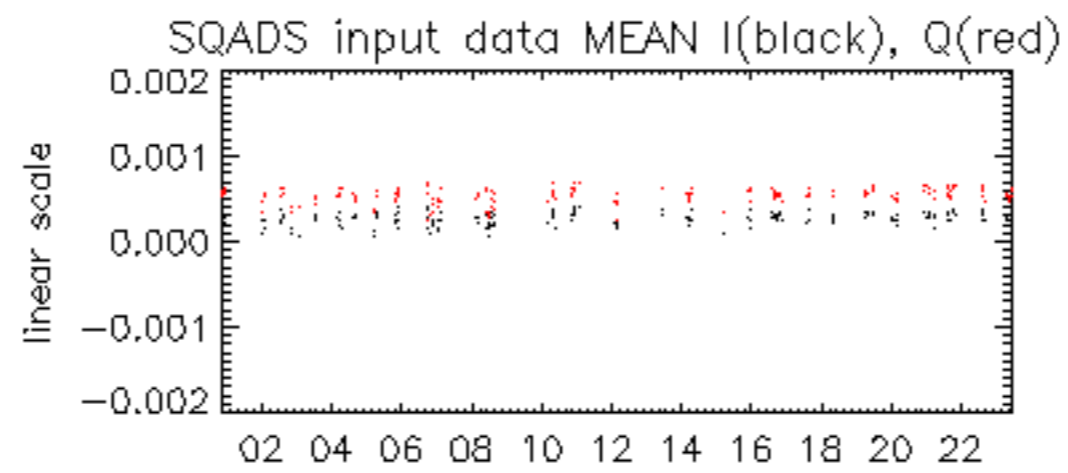




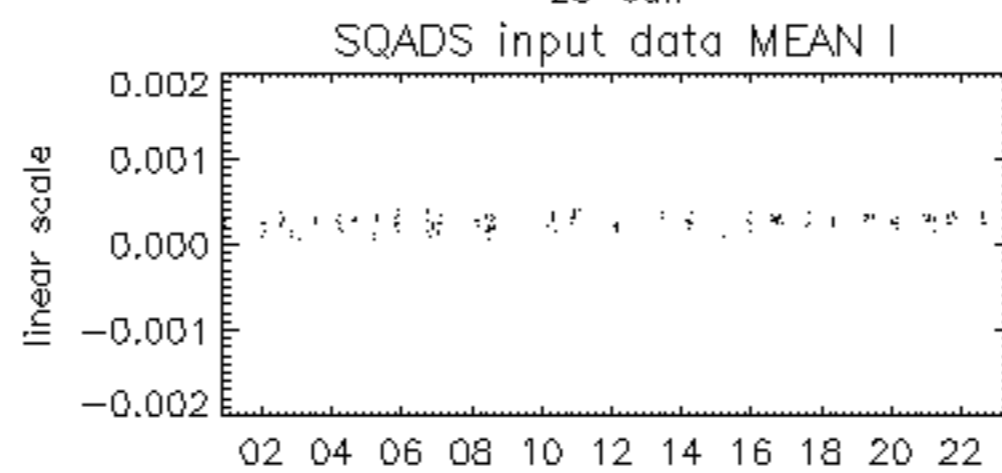




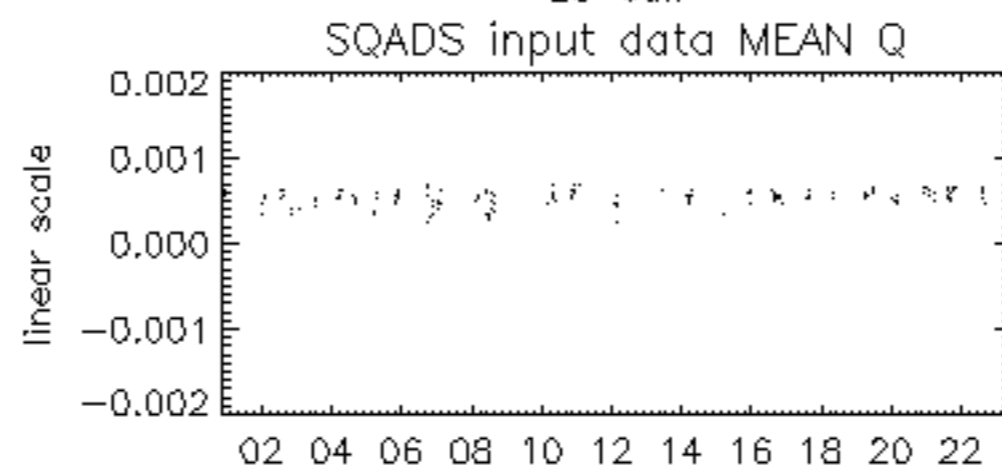




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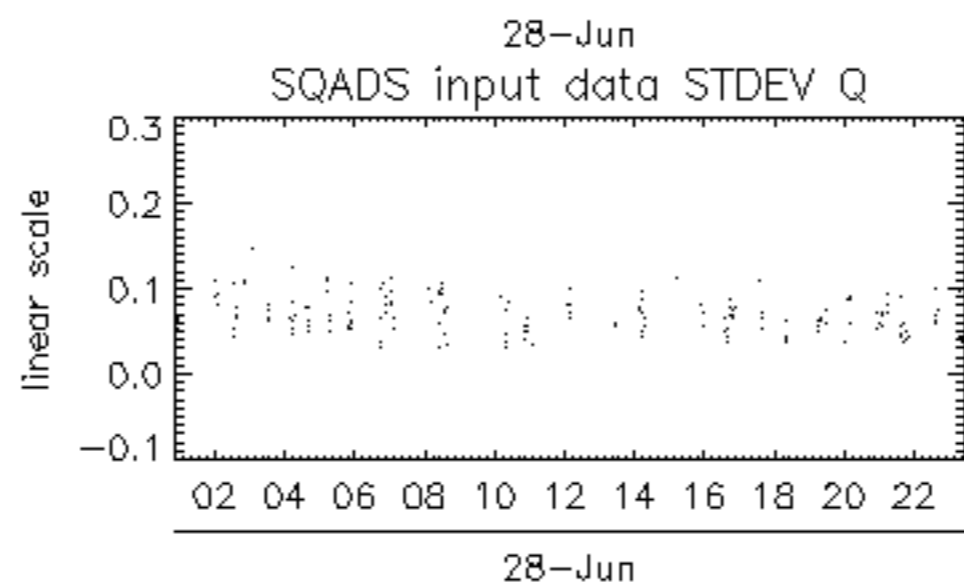
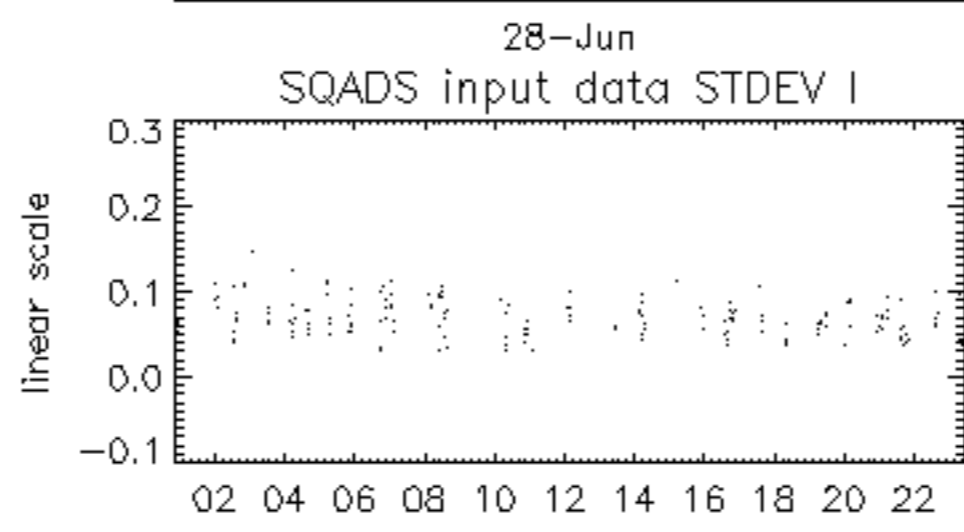
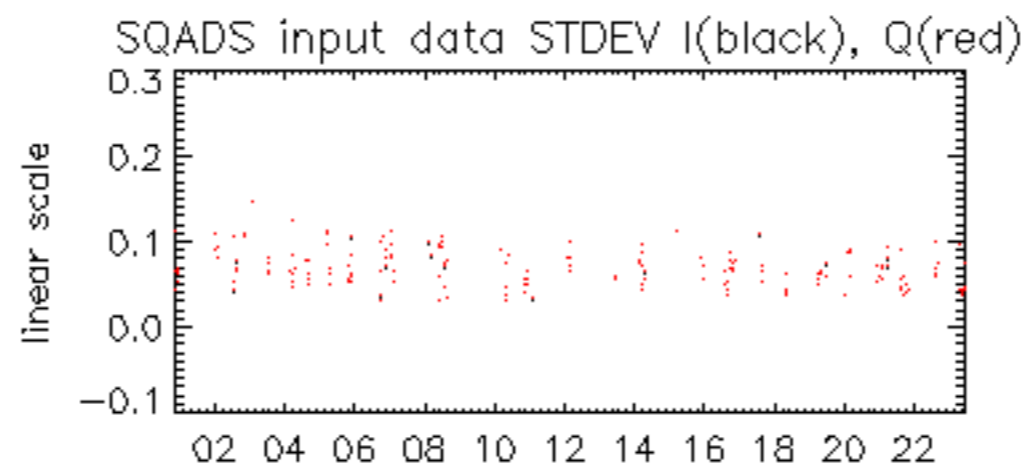


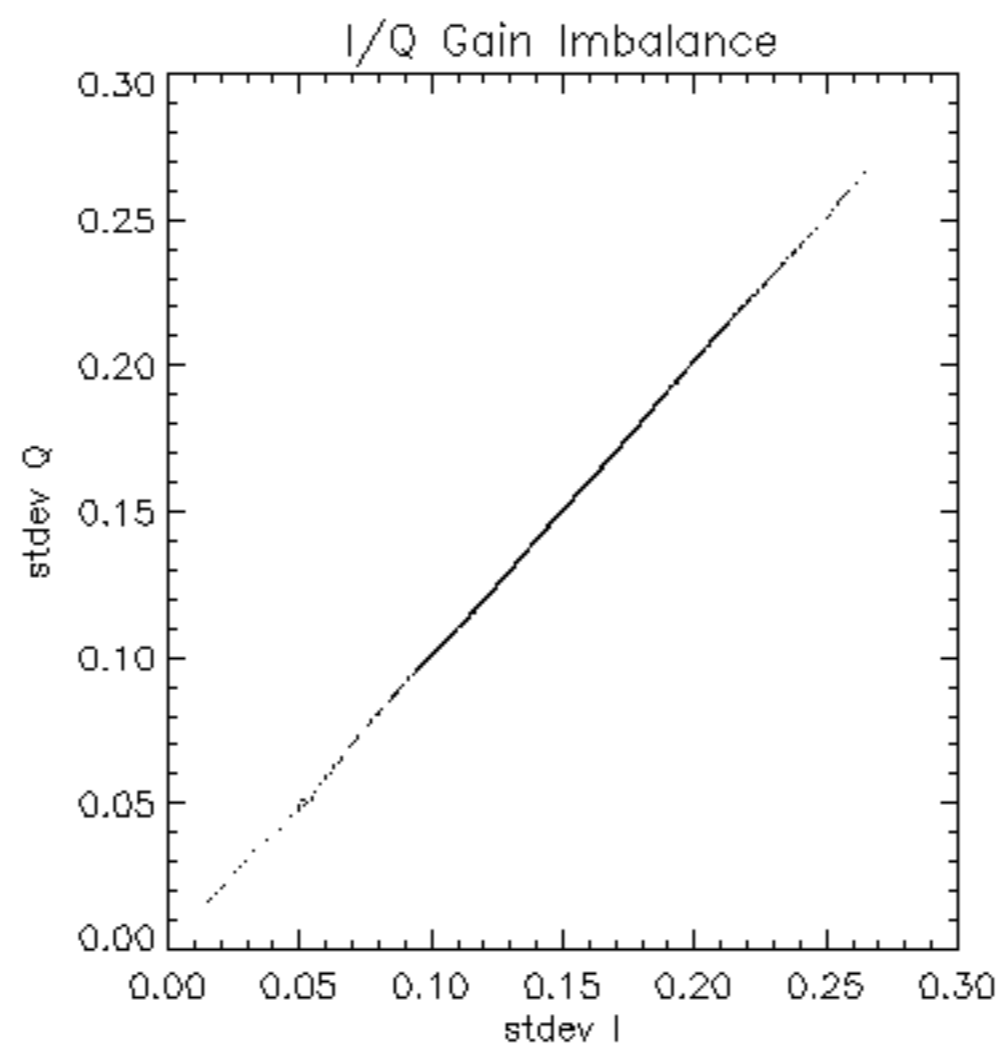
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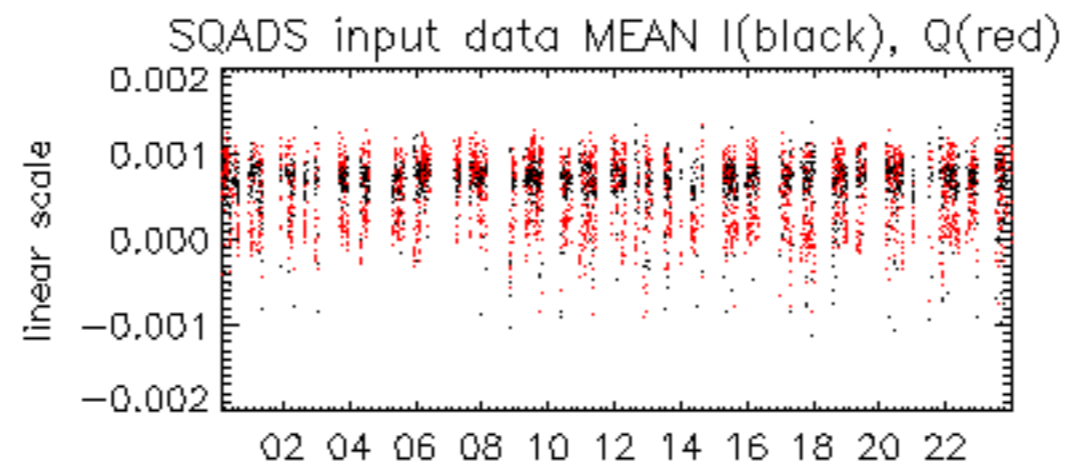


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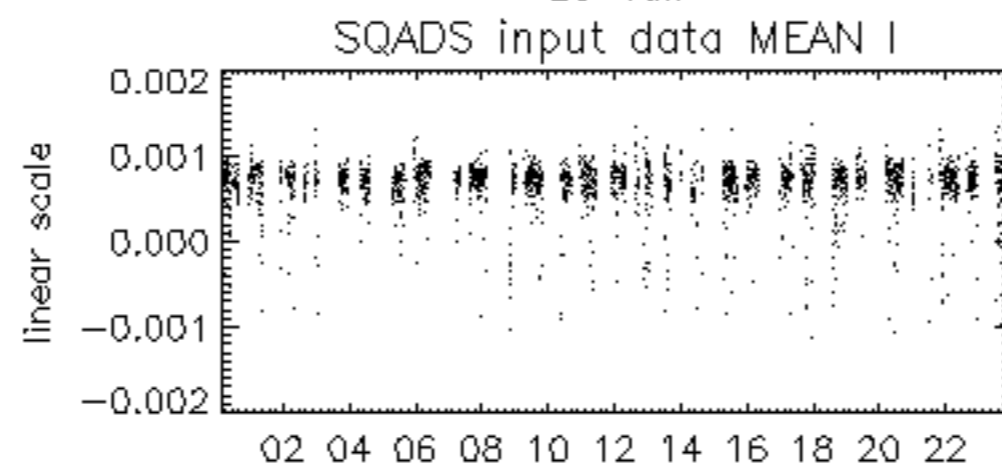




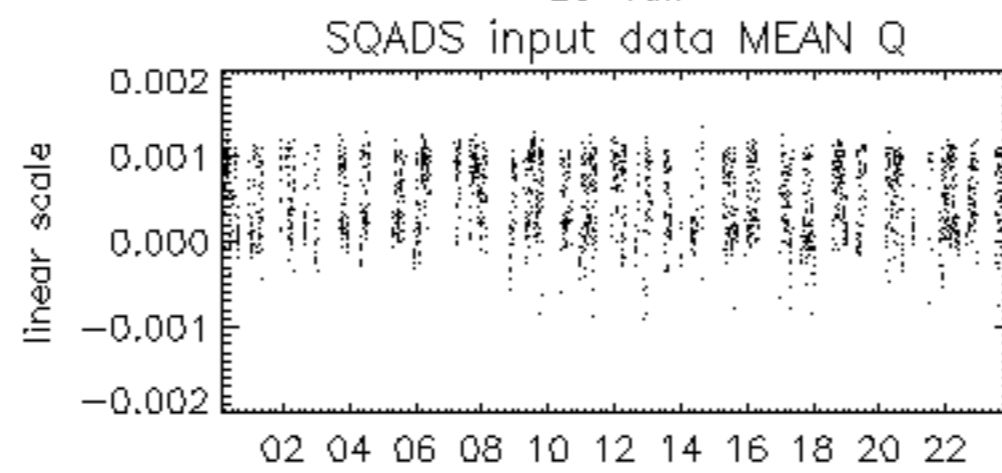




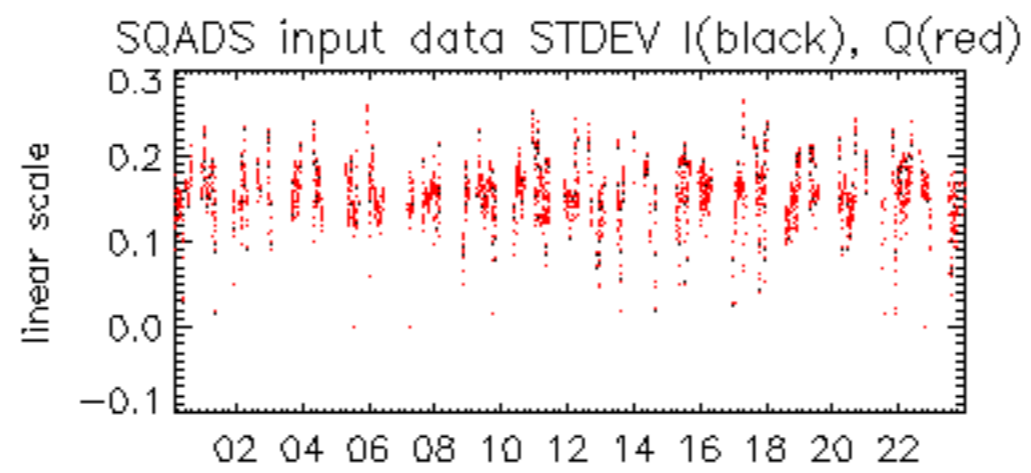
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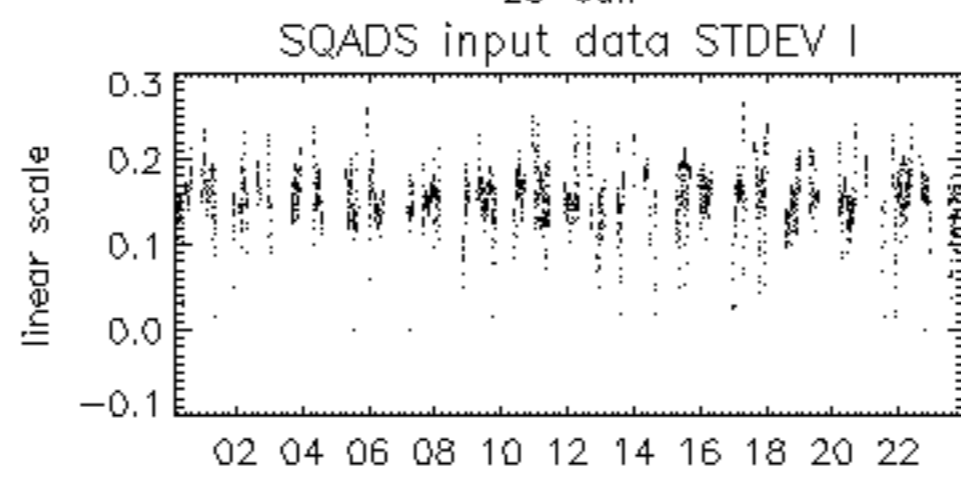
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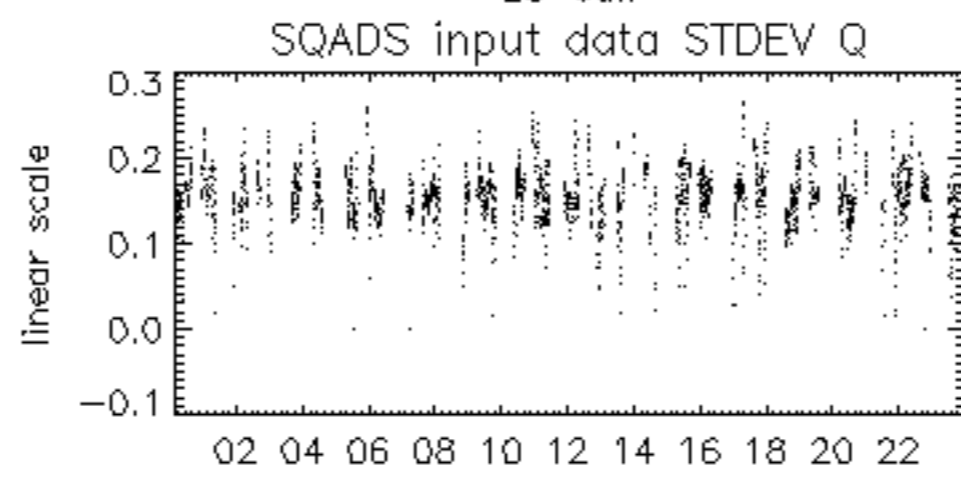
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