



Analysis from 07-AUG-2010 00:00:00 to 07-AUG-2010 23:59:59. Page generated on 09-AUG-2010 12:31:03.  
View log file: ASAR\_Daily\_Report\_20100809\_1229.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

## SUMMARY

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ [BACK TO MENU](#) ]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	1	PDE	WS	H/H	44	PDE	IS4	V/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	20	PDE	2010-08-07 20:48:49	V	320
PDE	IS2	V/V	25	PDK	WS	H/H	55	PDE	IS4	V/V	2	PDE	IS2	H/H	16	PDE	WS	V/V	3				
PDK	IS2	V/V	43					PDK	IS4	V/H	1	PDE	IS2	V/V	11	PDK	WS	H/H	13				
								PDK	IS7	V/H	1	PDE	IS6	V/V	1	PDK	WS	V/V	6				
												PDE	IS7	H/H	1								
												PDK	IS2	H/H	3								
												PDK	IS2	V/V	3								

## 1.2 - Lists of products used

[ [BACK TO MENU](#) ]

[TXT] [XLS] [List\\_WVS\\_products\\_used](#)  
 [TXT] [XLS] [List\\_GM1\\_products\\_used](#)  
 [TXT] [XLS] [List\\_APM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_IMM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_WSM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_MS\\_products\\_used](#)

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ [BACK TO MENU](#) ]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

### 2.2 - Products with wrong ADFs

[ [BACK TO MENU](#) ]

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

[TXT] [XLS] [Check\\_ADFs\\_WVS](#)  
 [TXT] [XLS] [Check\\_ADFs\\_GM1](#)  
 [TXT] [XLS] [Check\\_ADFs\\_APM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_IMM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_WSM](#)

### 3 - MODULE STEPPING PRODUCTS ANALYSIS



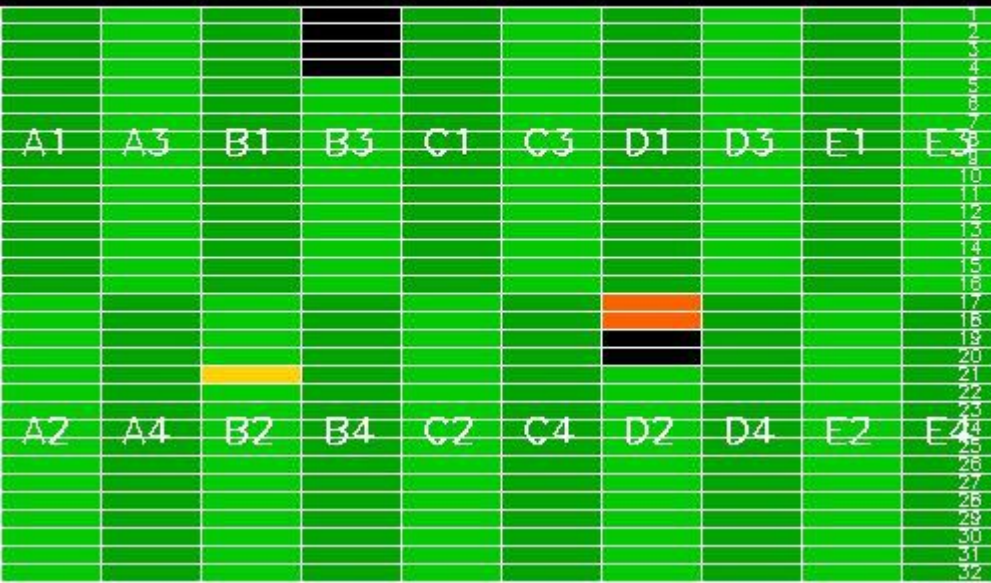


### 3.2 - H/H polarisation

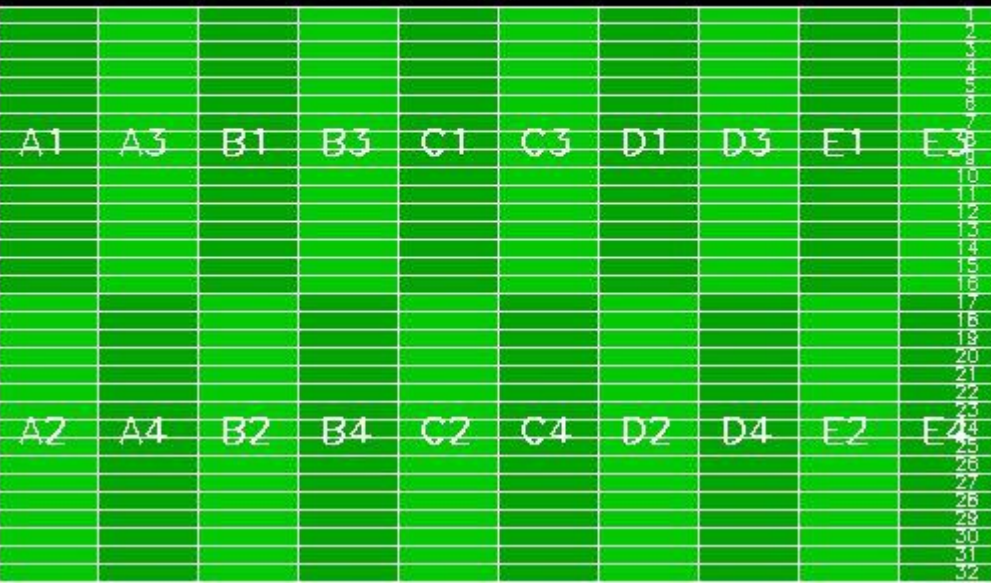
[ [BACK TO MENU](#) ]

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

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-08-06 14:38:02 H



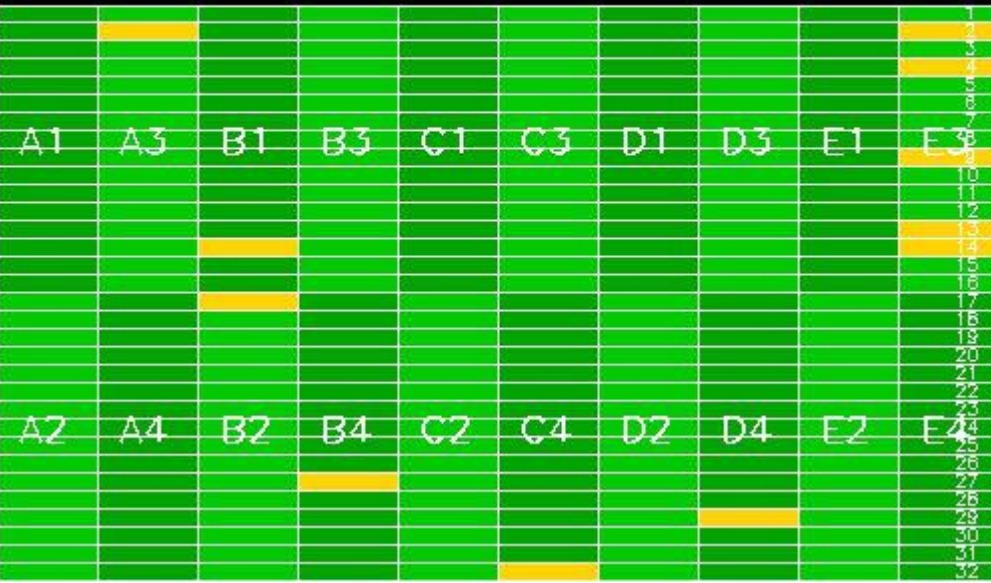
Reference: 2010-08-04 07:18:17 H RxGain  
 Test : 2010-08-06 14:38:02 H

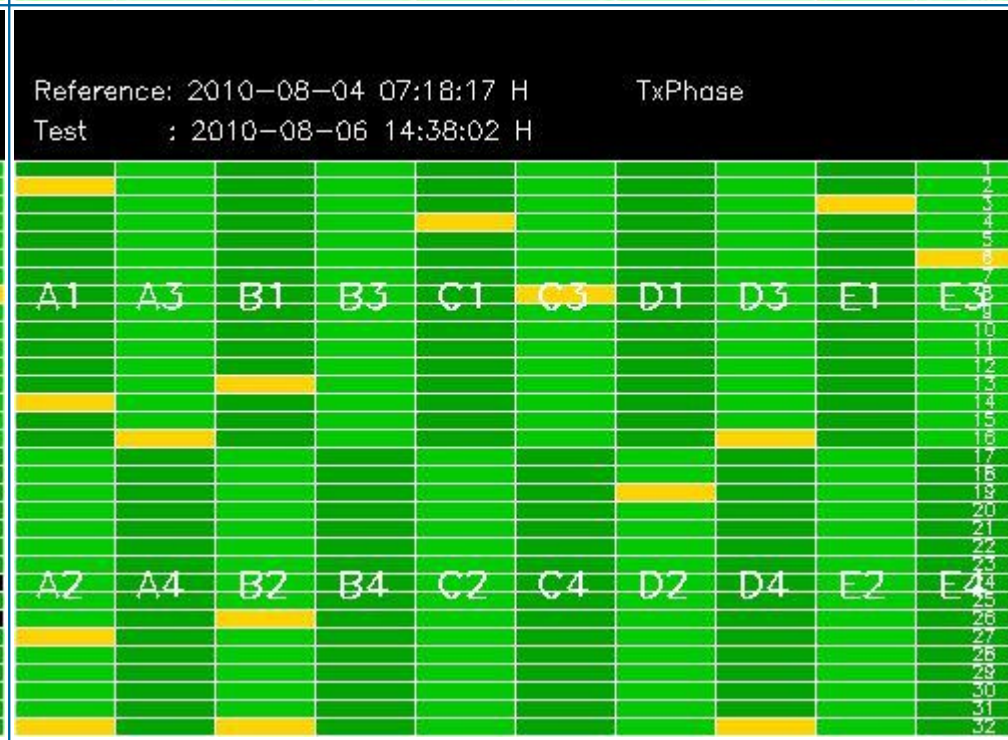
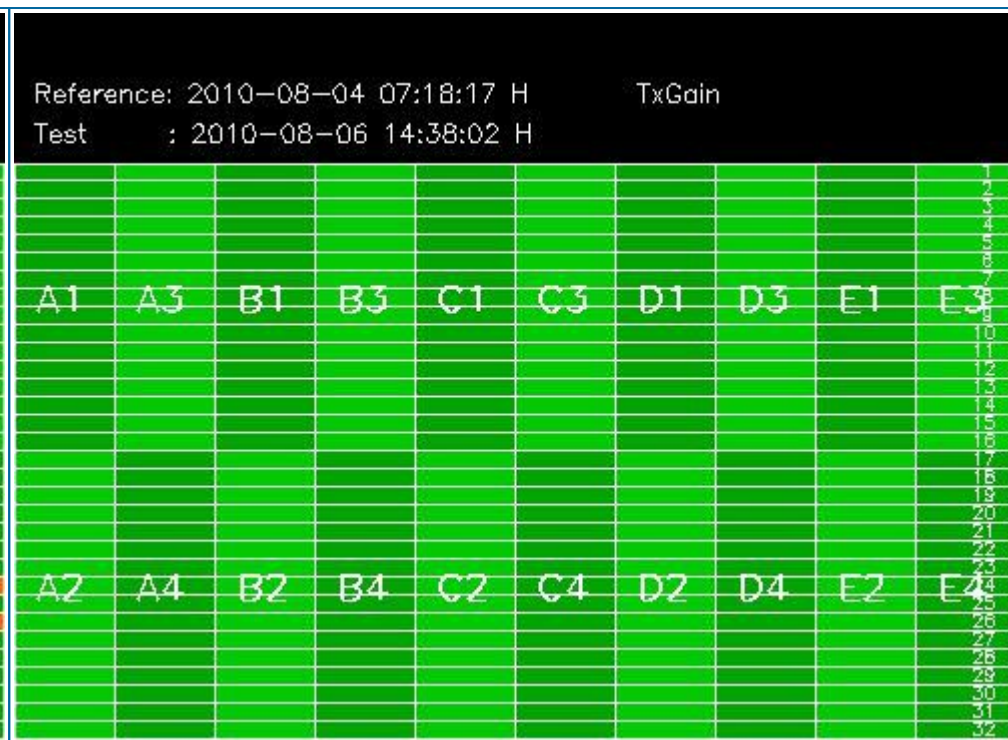
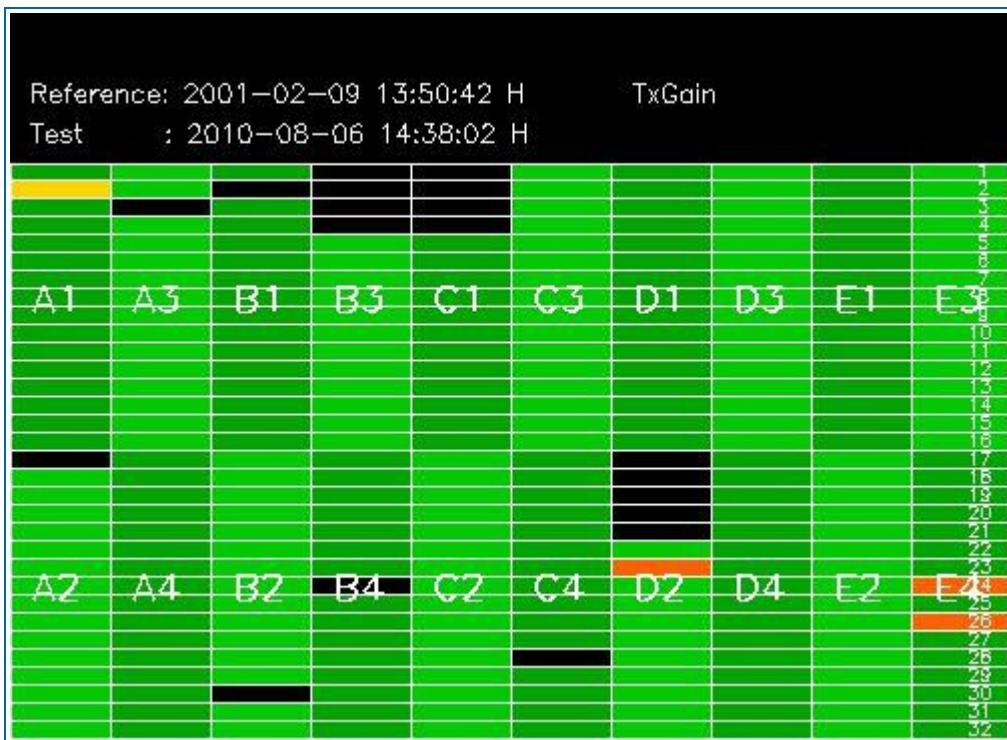


Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-08-06 14:38:02 H



Reference: 2010-08-04 07:18:17 H RxPhase  
 Test : 2010-08-06 14:38:02 H





#### 4 - CALIBRATION PULSES ANALYSIS

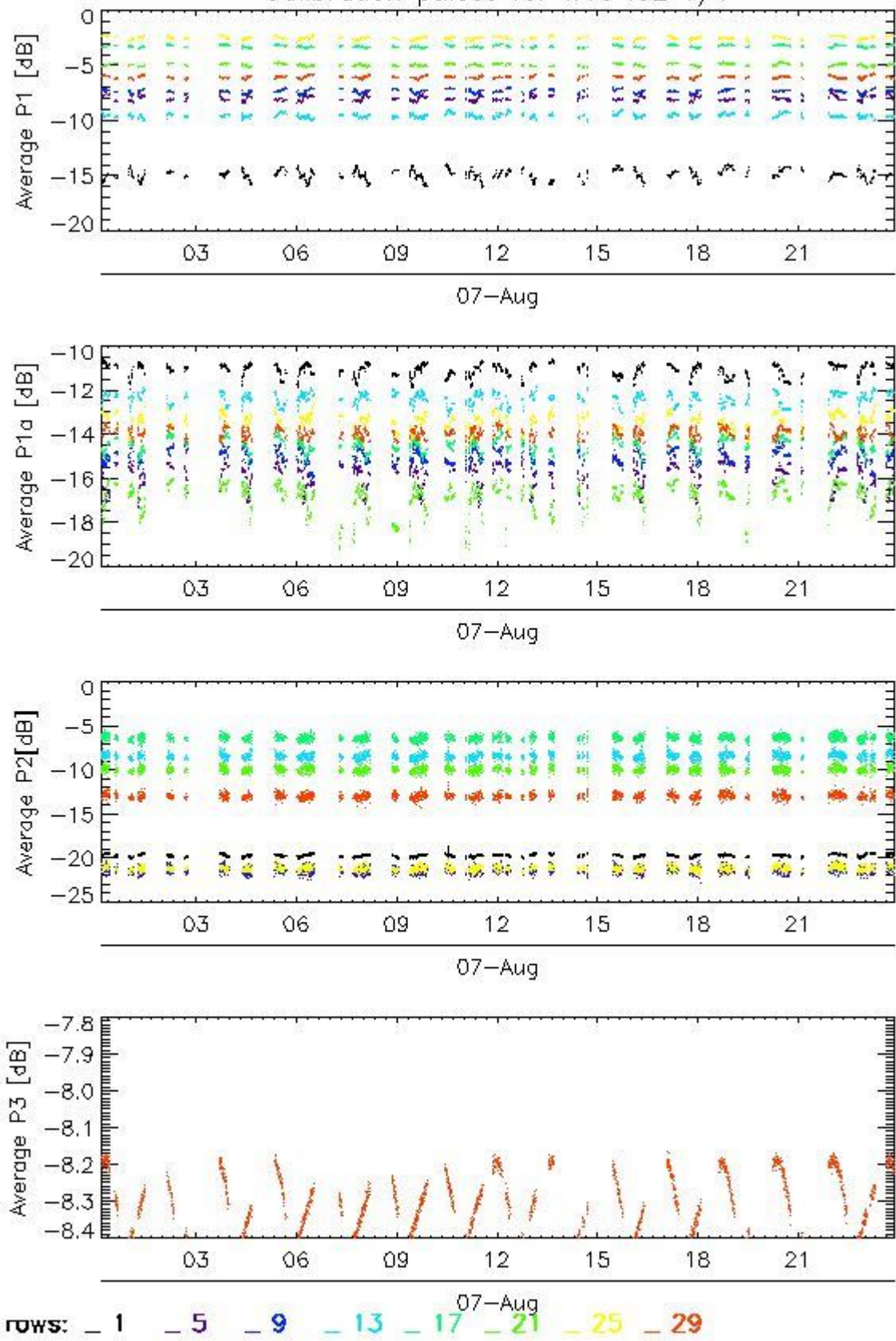
##### 4.1 - Analysis for WVS IS2 V/V

##### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

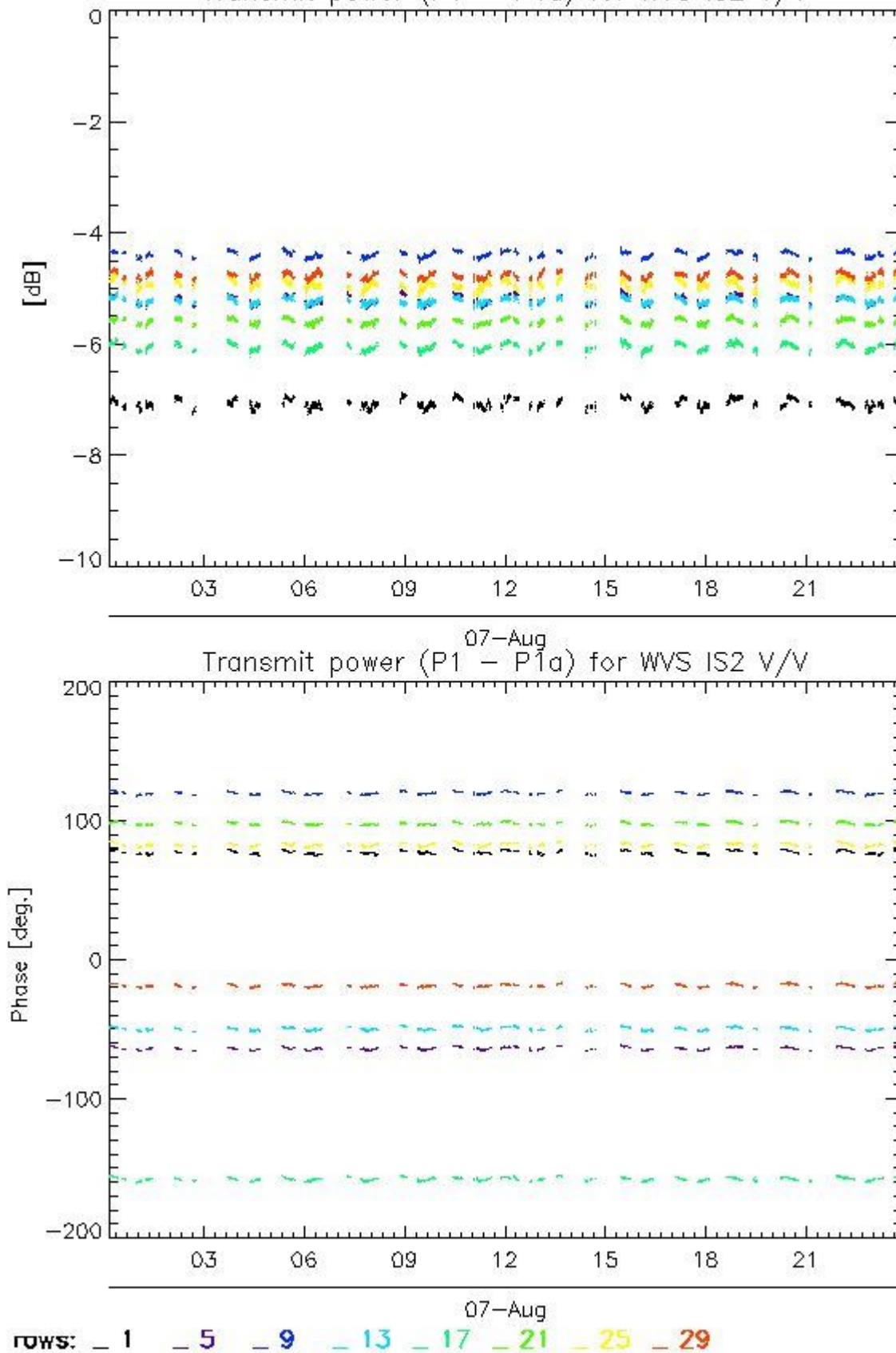
[ BACK TO MENU ]

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]
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Calibration pulses for WVS IS2 V/V



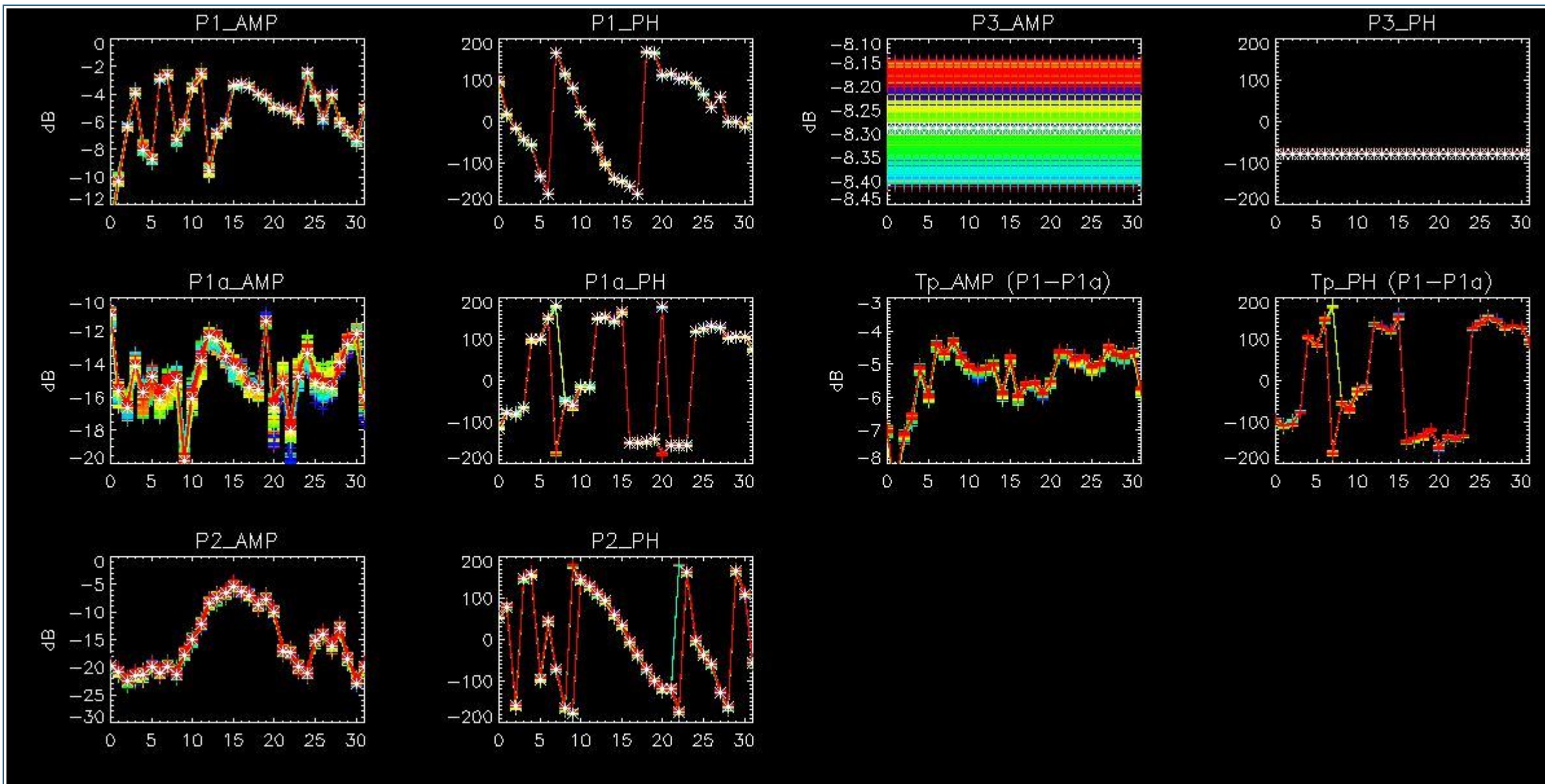
Transmit power (P1 - P1a) for WVS IS2 V/V



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

[ BACK TO MENU ]





## 4.2 - Analysis for GM1 SS3 H/H

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

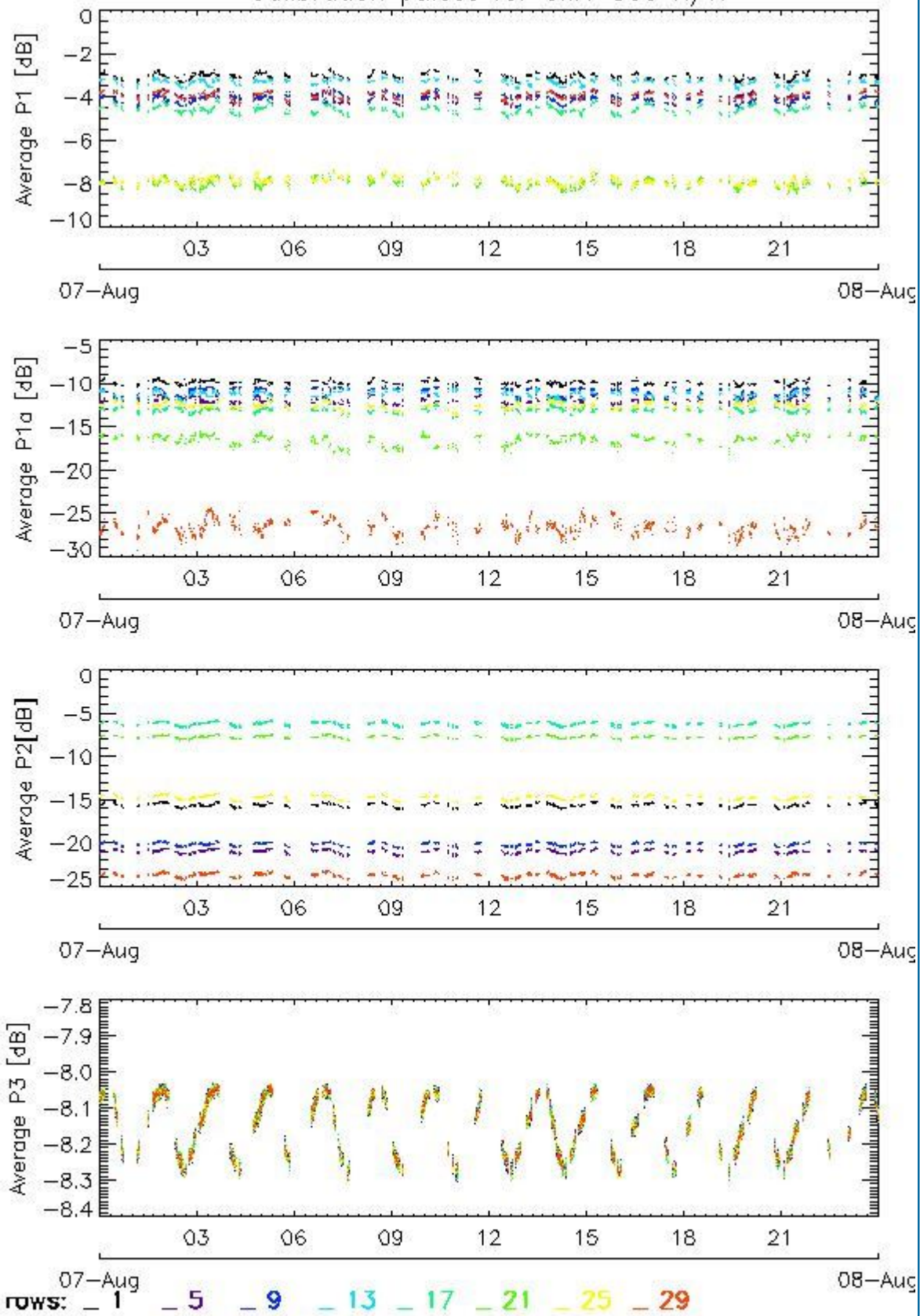
[ BACK TO MENU ]

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

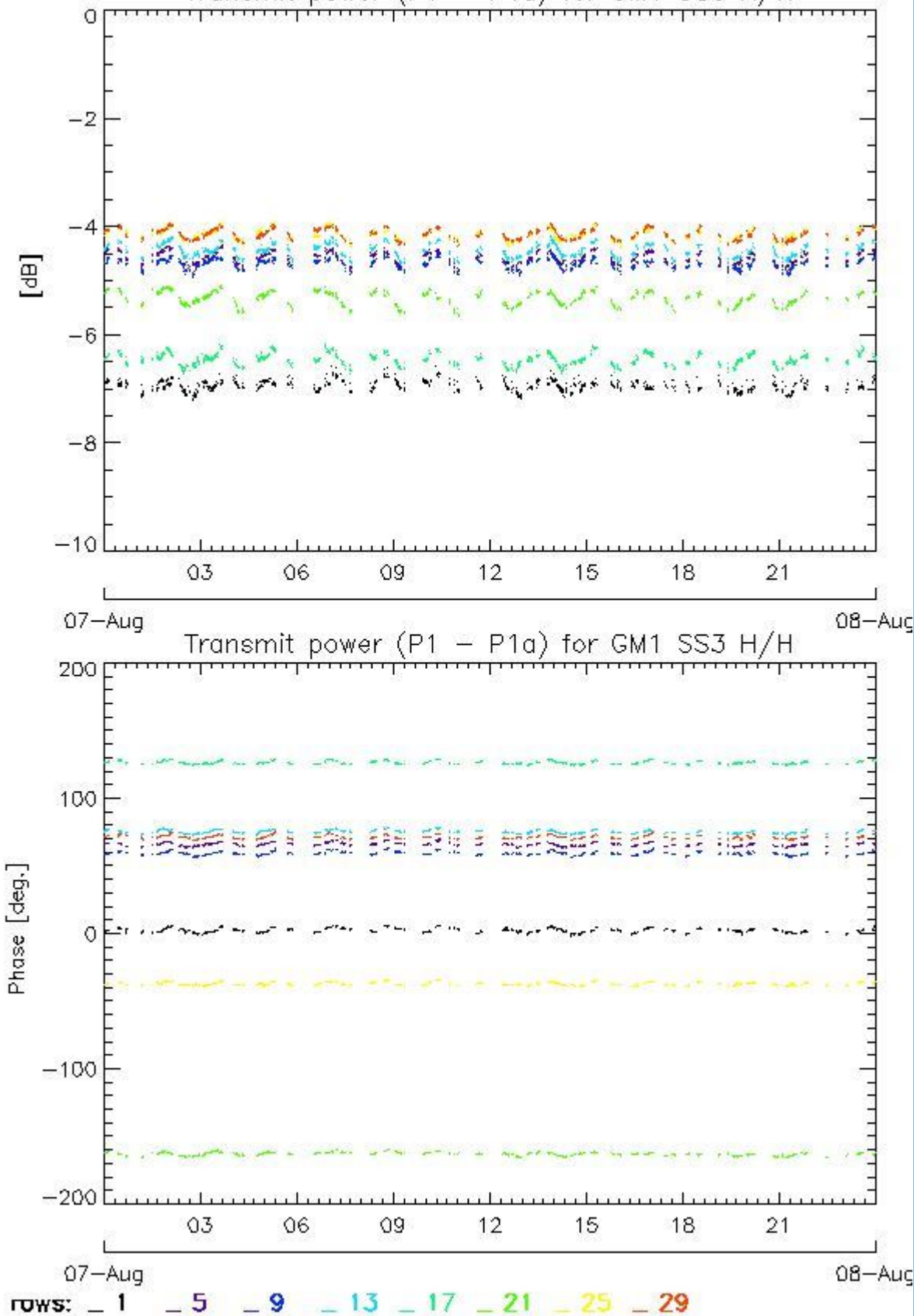
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



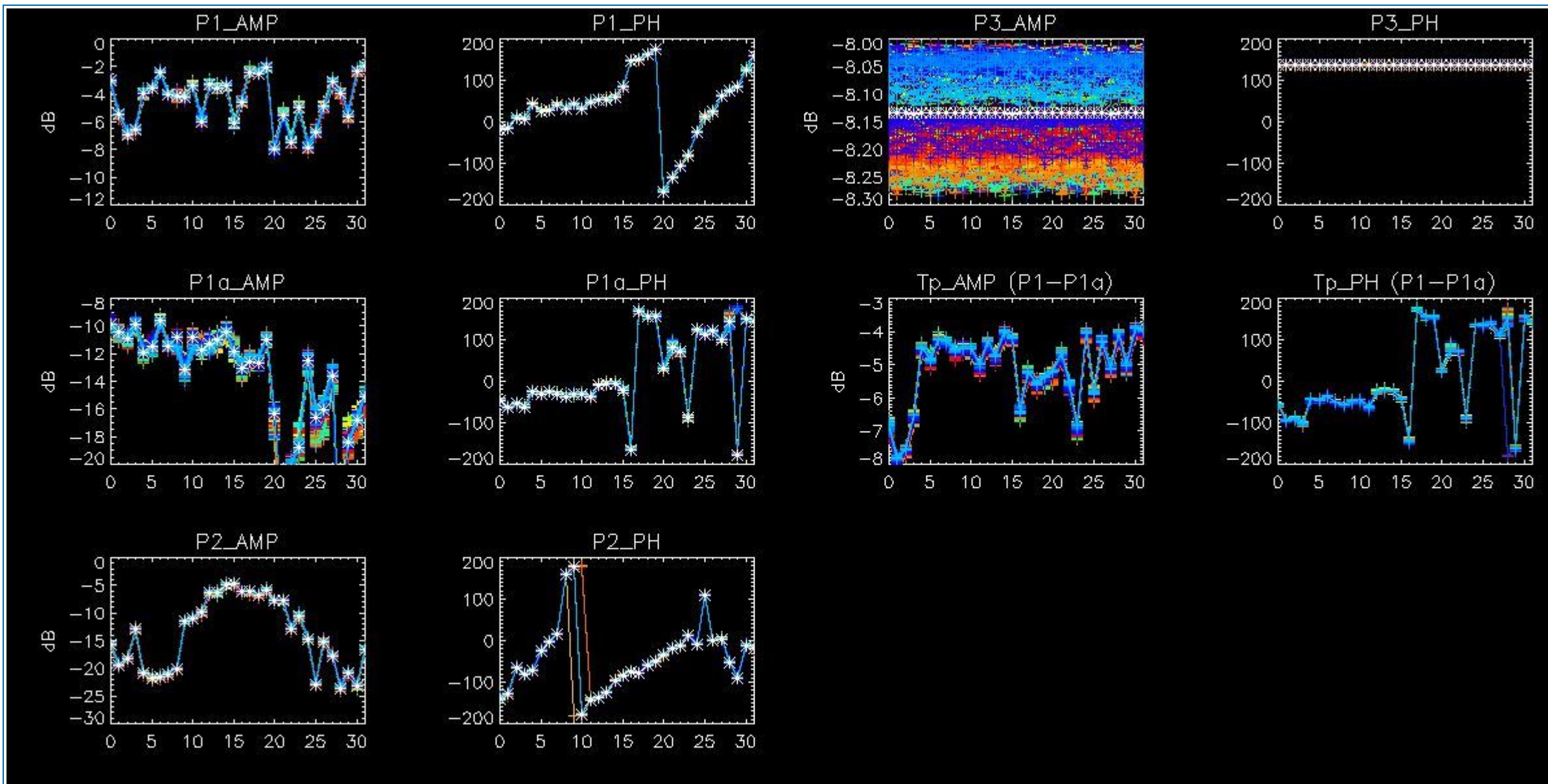
Transmit power (P1 - P1a) for GM1 SS3 H/H



#### 4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ [BACK TO MENU](#) ]





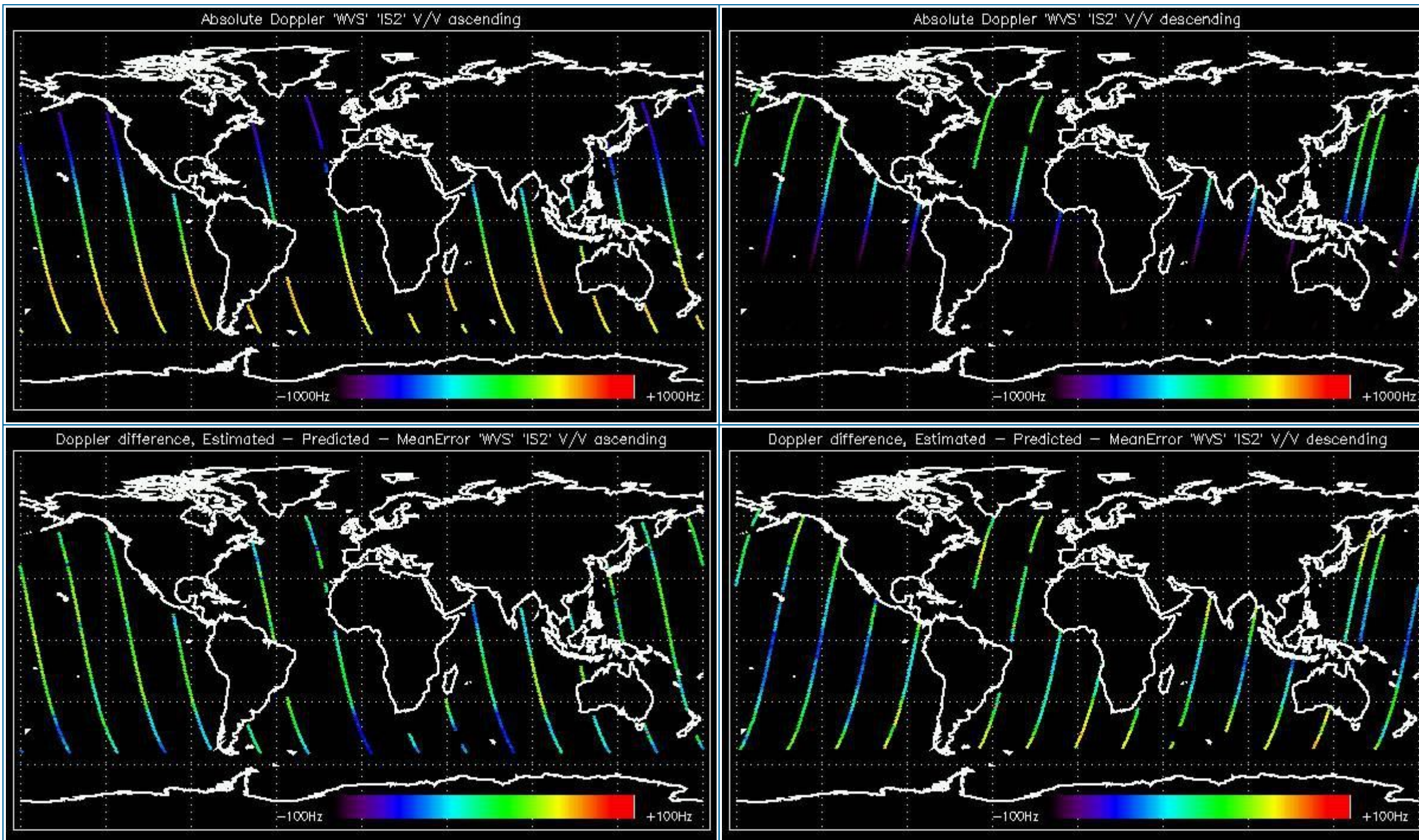
## 5 - DOPPLER ANALYSIS

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

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

[ [BACK TO MENU](#) ]

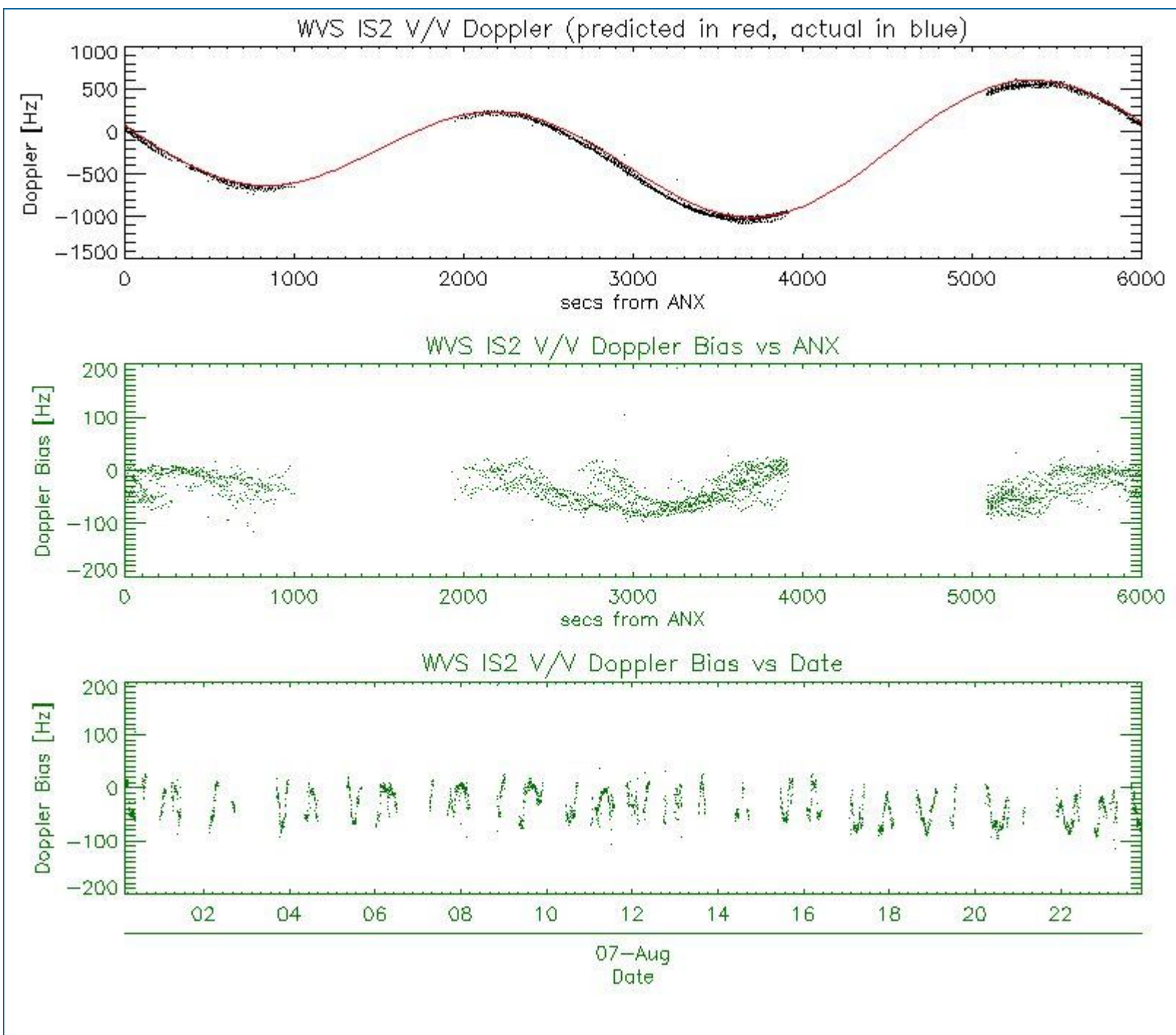




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]



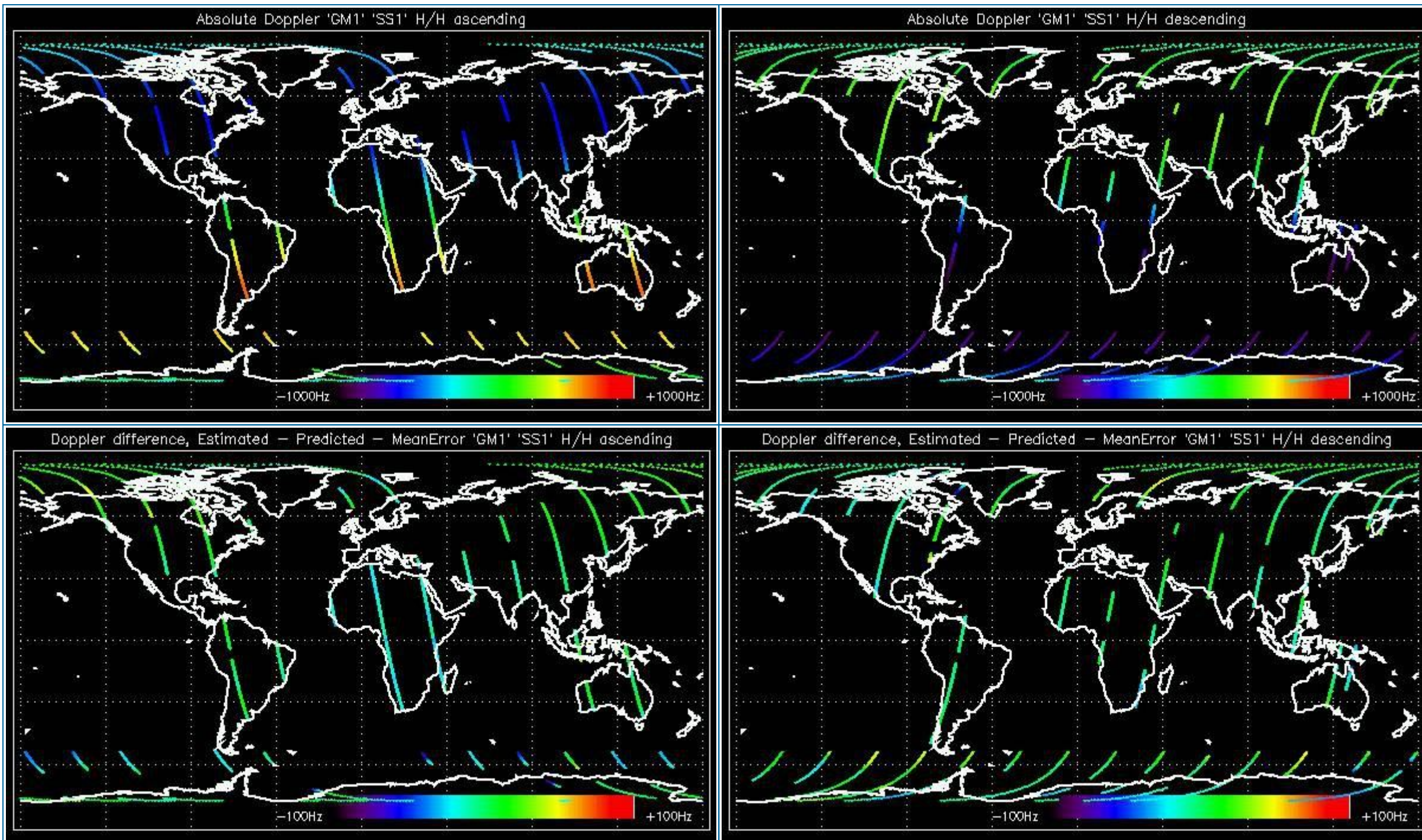


## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]

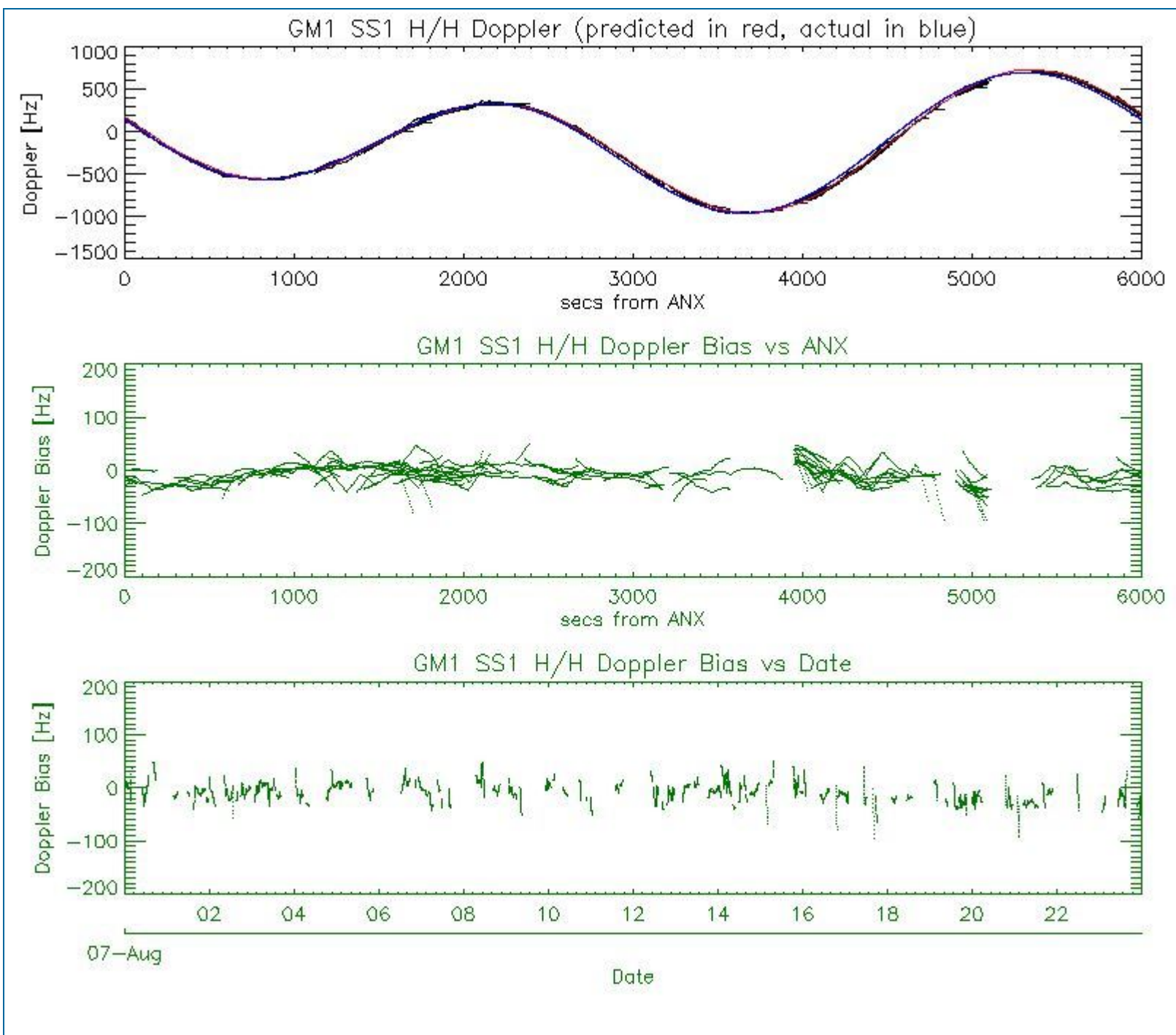




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

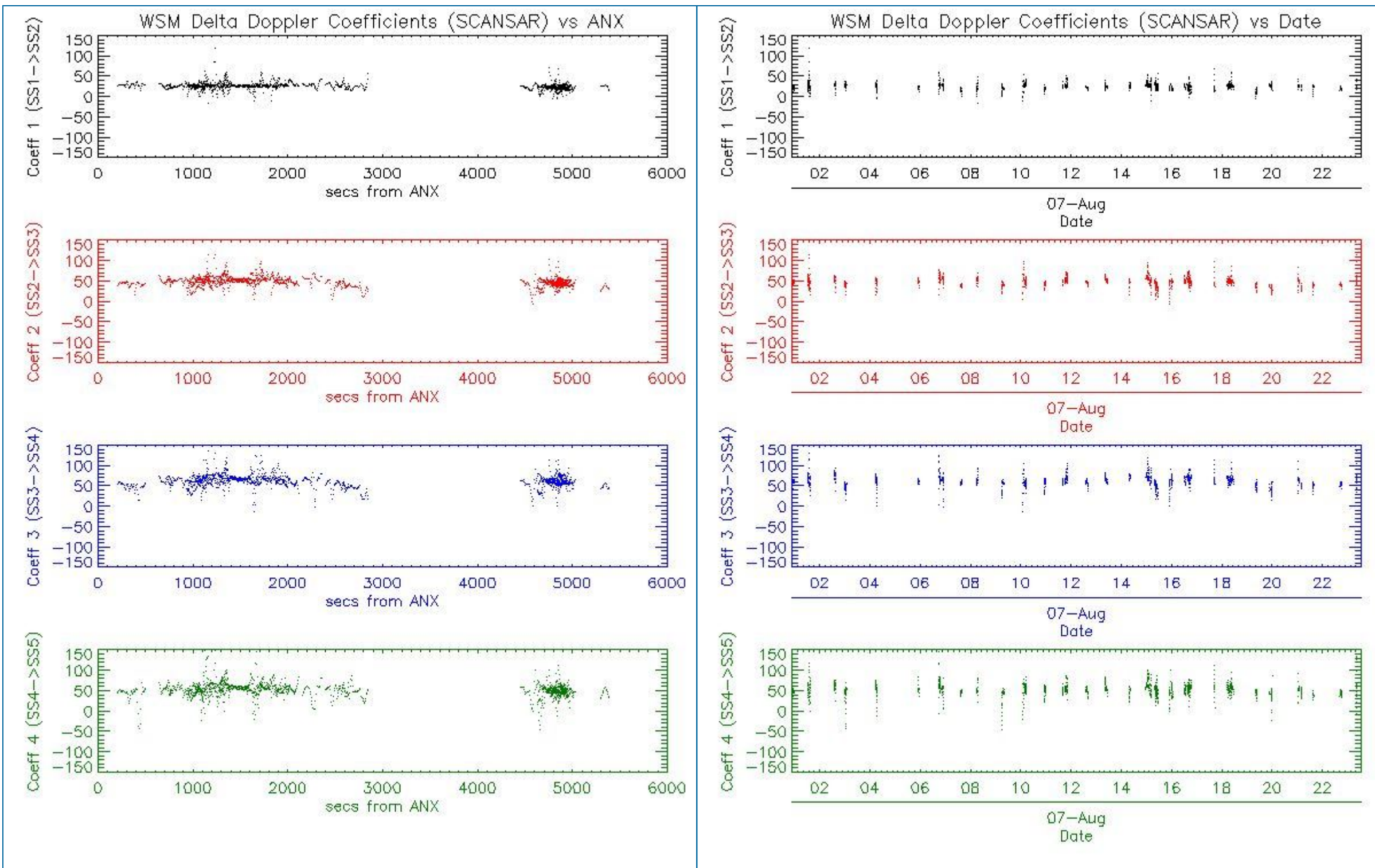




### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]

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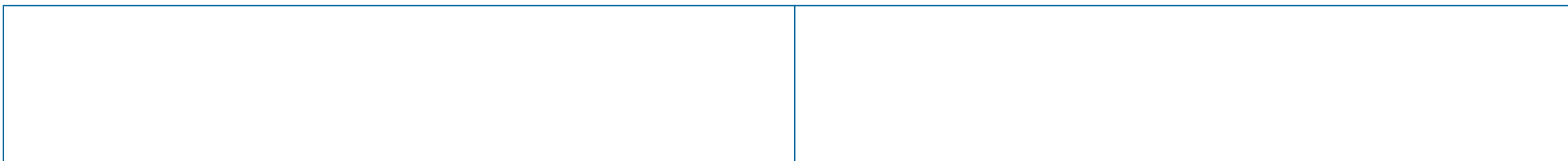


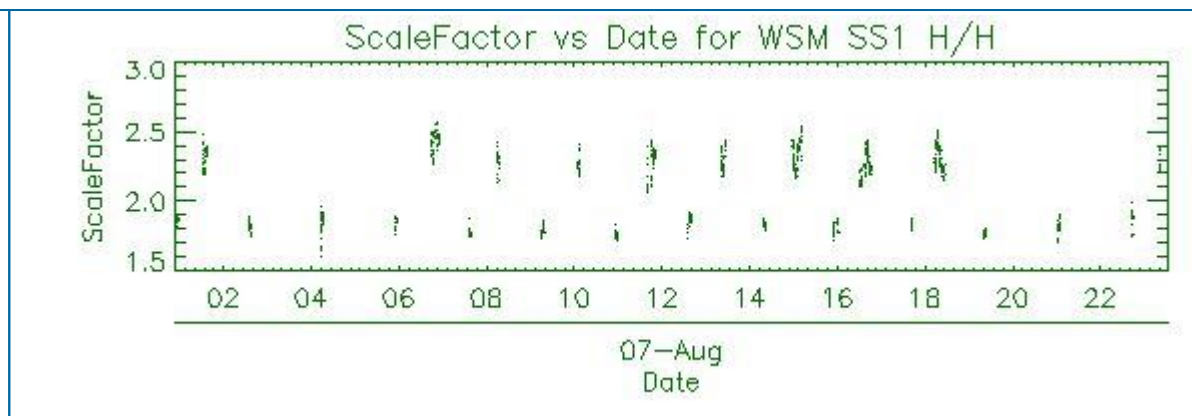
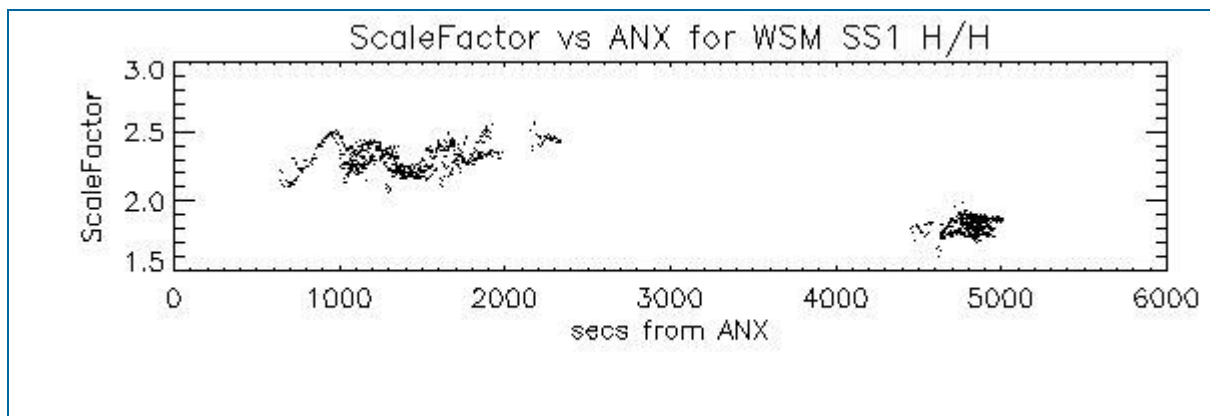
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ BACK TO MENU ]

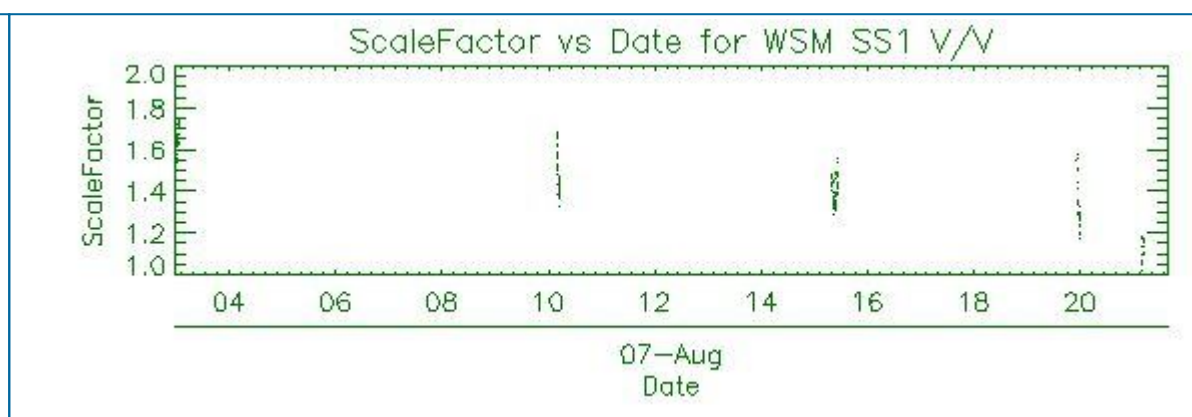
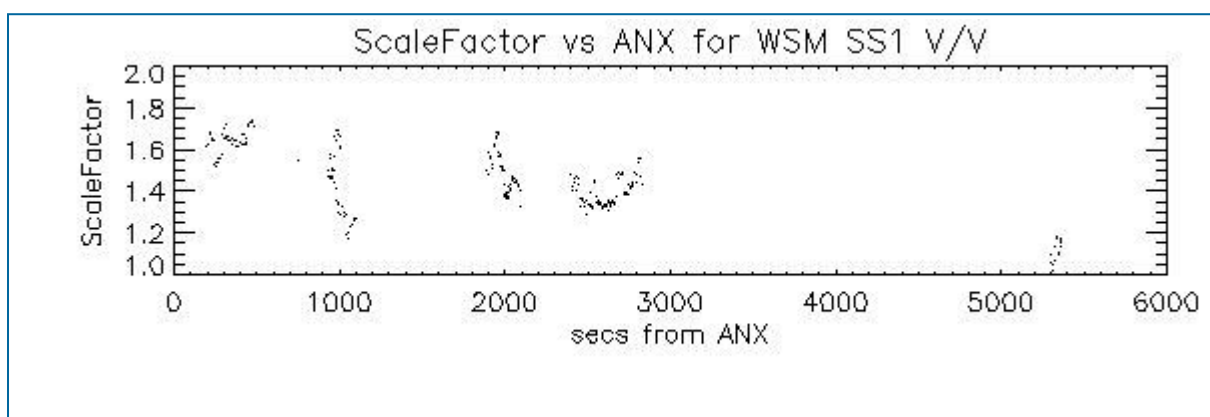




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



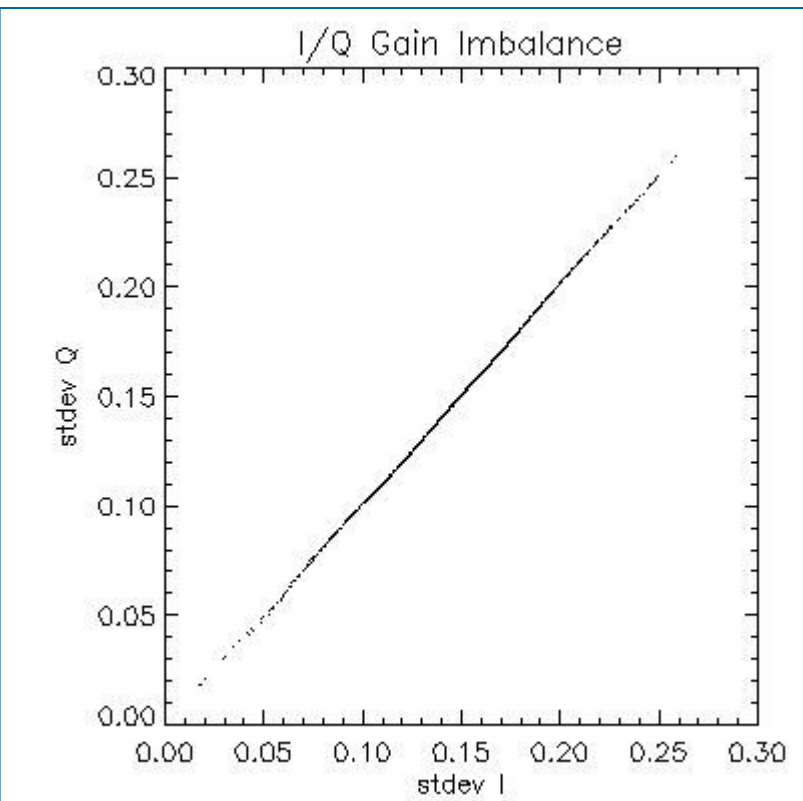
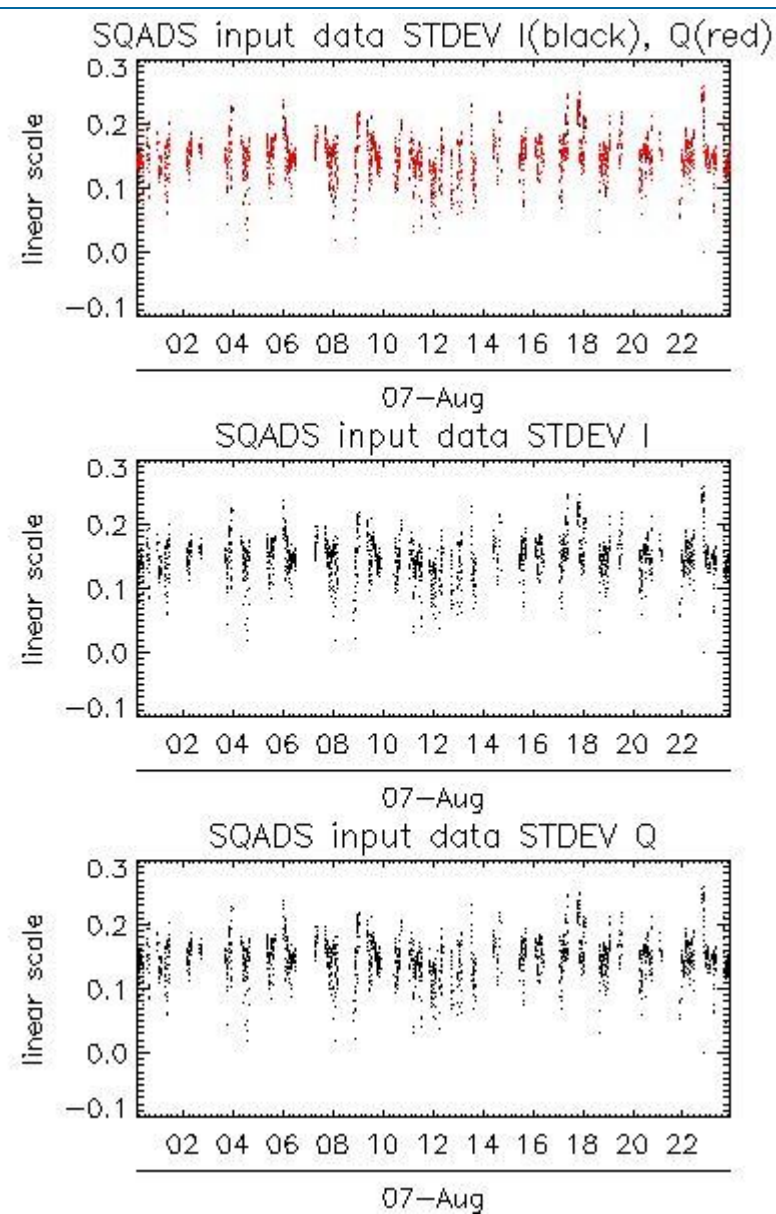
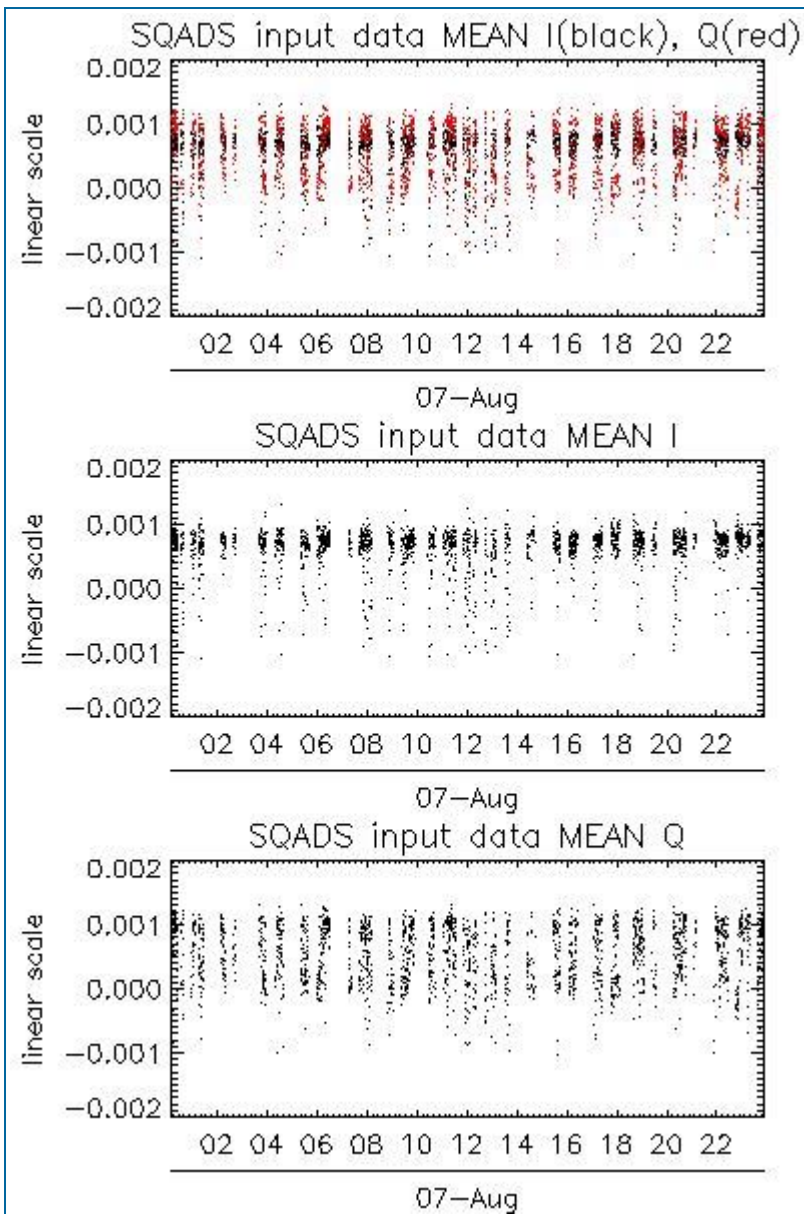
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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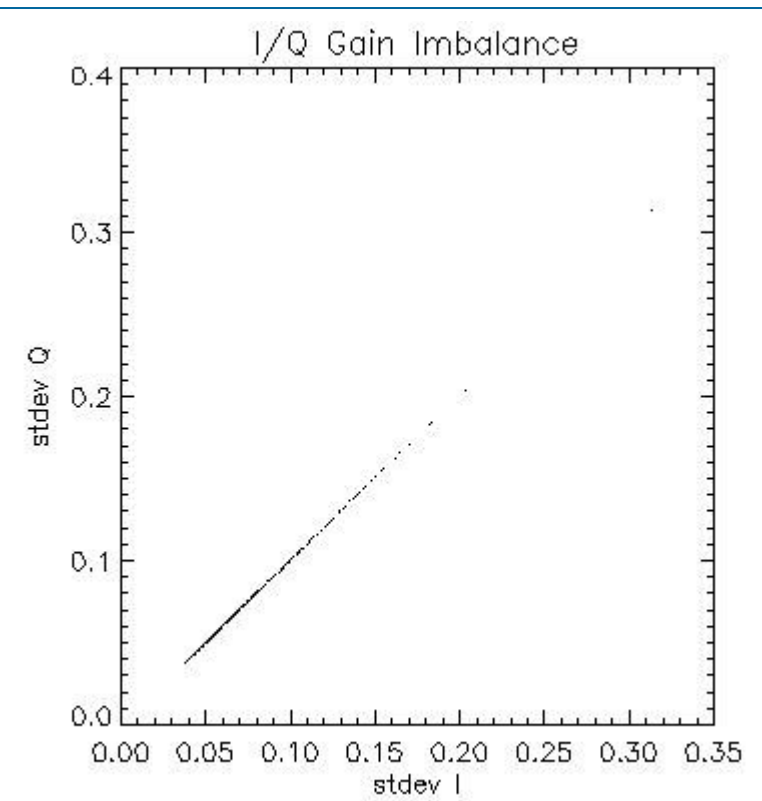
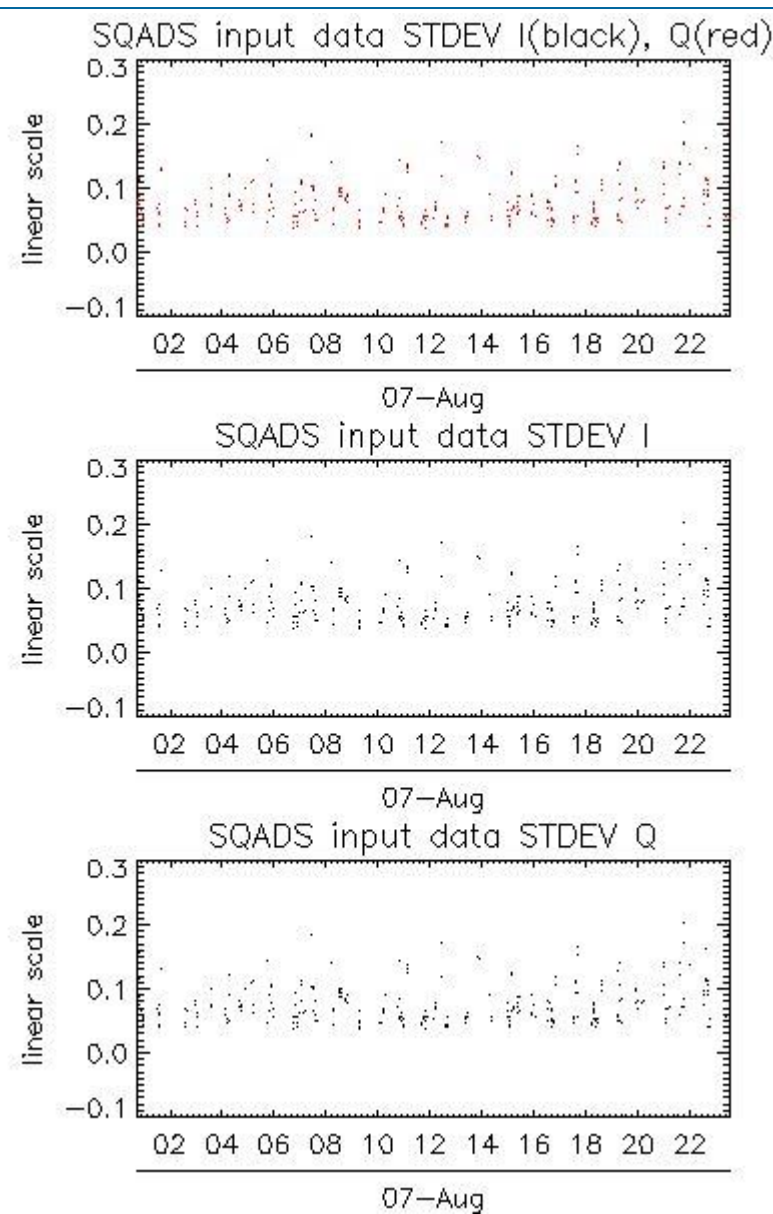
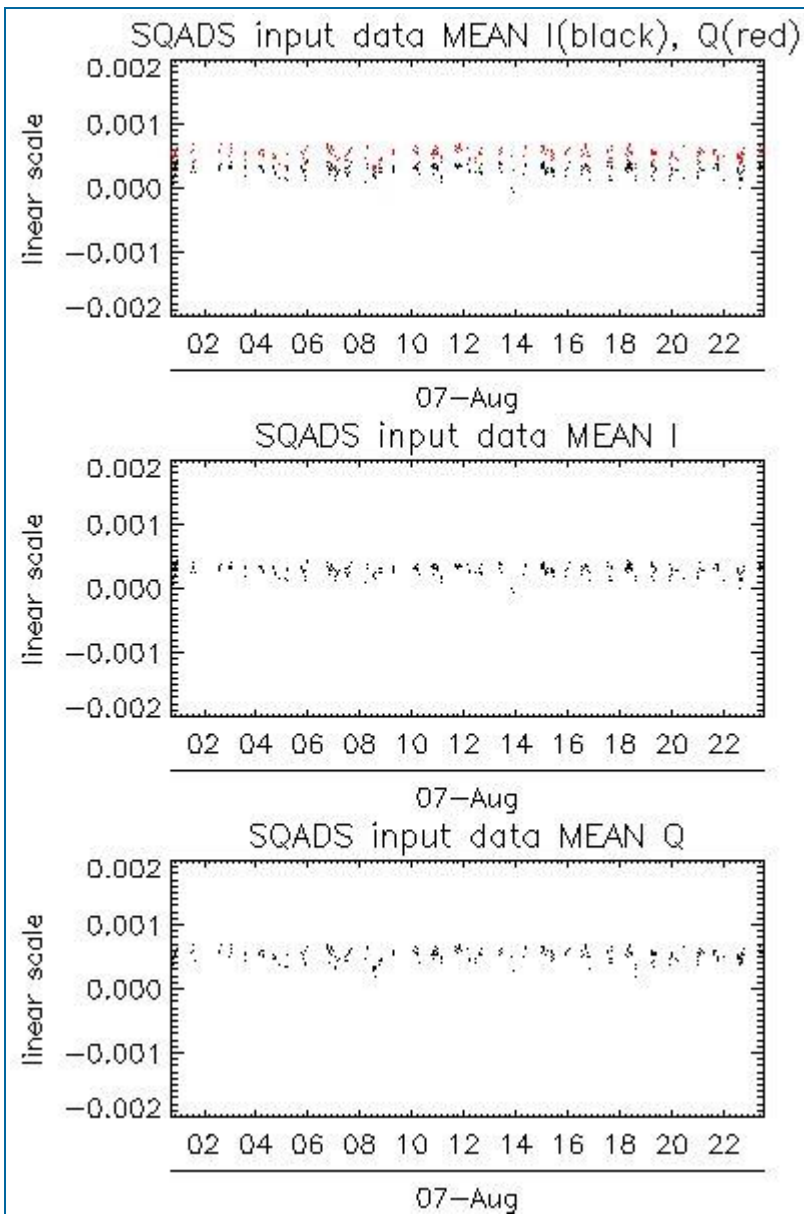


Channel	Statistics	DSS-B
MEAN I	mean	0.000623986
	stdev	1.20505e-07
MEAN Q	mean	0.000545623
	stdev	2.09074e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.147490
	stdev	0.00101454
STDEV Q	mean	0.147985
	stdev	0.00103346

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]



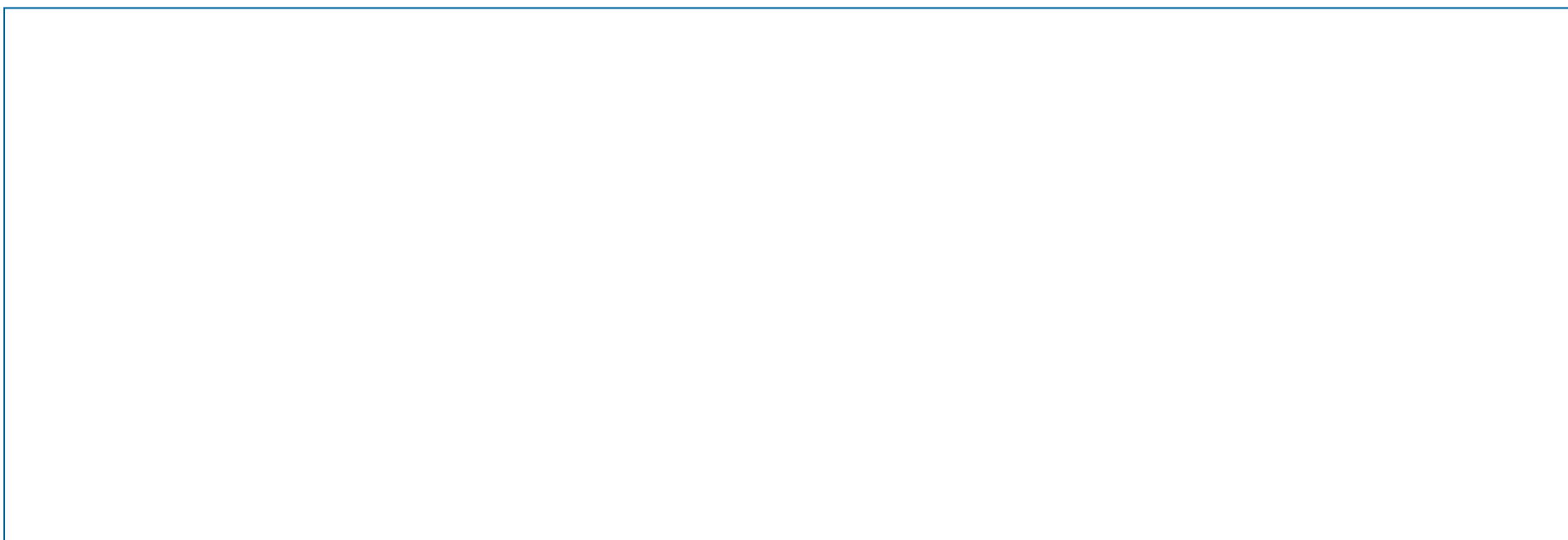


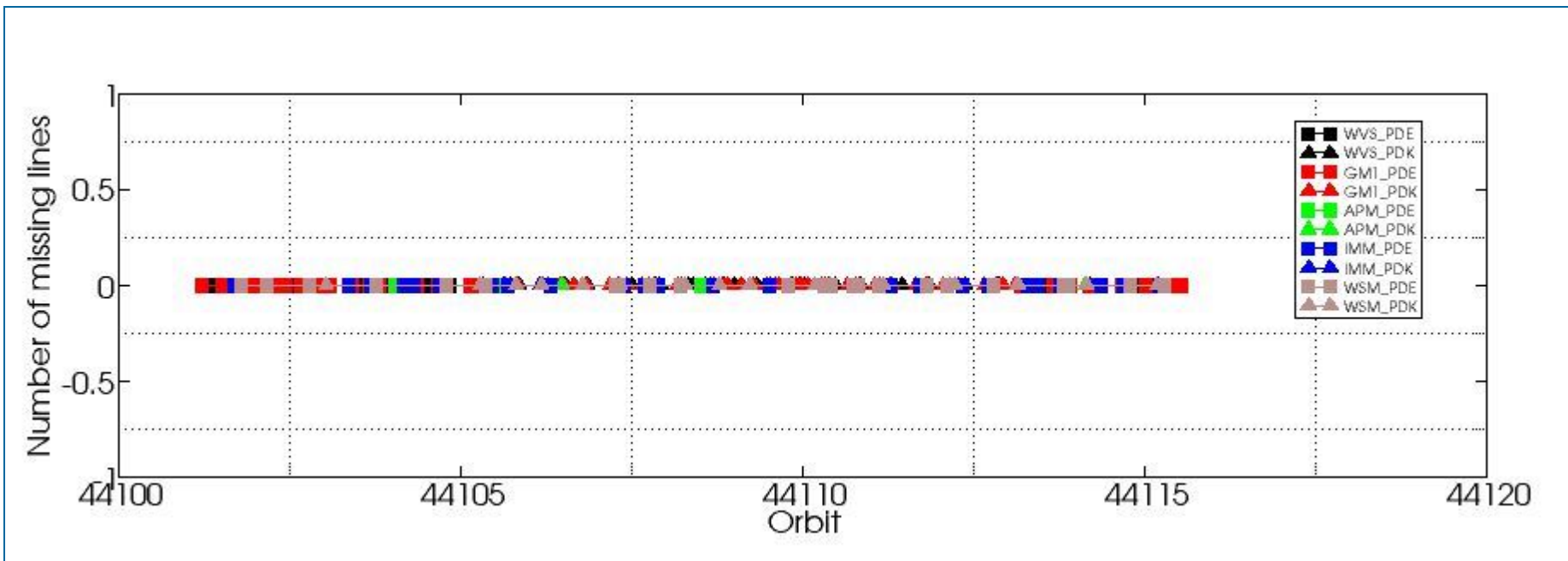
Channel	Statistics	DSS-B
MEAN I	mean	0.000286281
	stdev	6.67790e-09
MEAN Q	mean	0.000533108
	stdev	8.47497e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0755120
	stdev	0.00108587
STDEV Q	mean	0.0758025
	stdev	0.00109644

## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

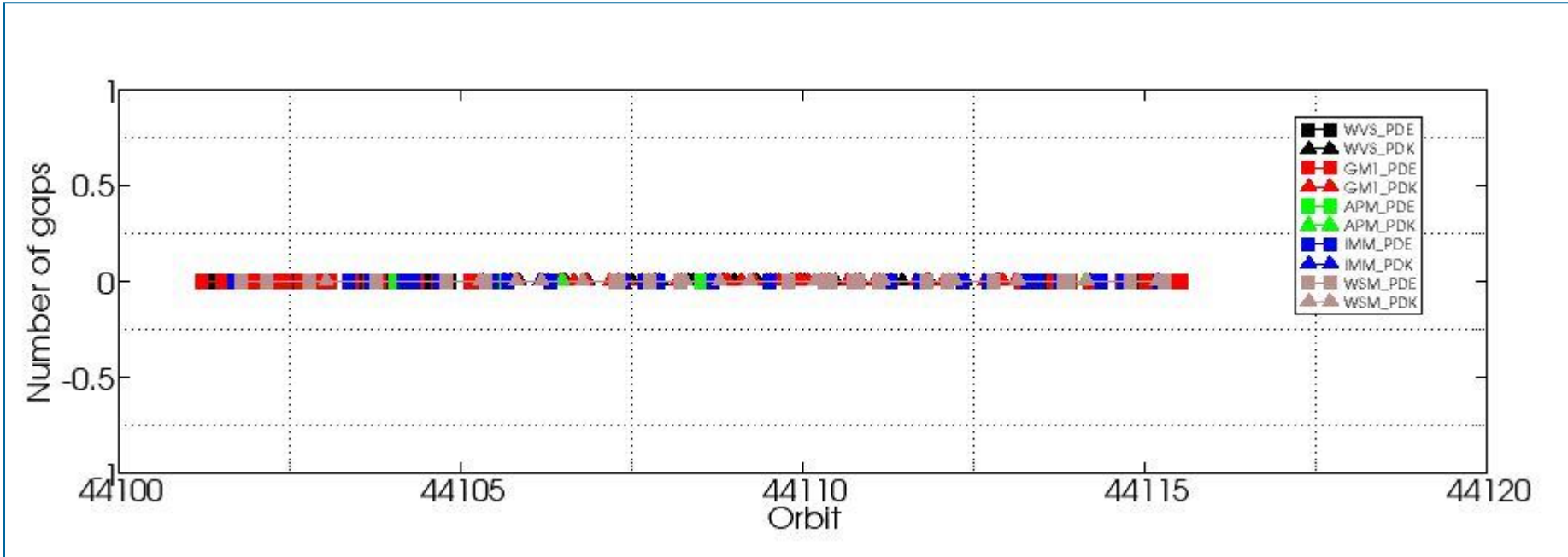
[ [BACK TO MENU](#) ]





## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 100807  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2010-08-07

Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100807/

DATA SUMMARY

#####  
Summary will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100807/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_100807/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100807/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100807/AUXILIARY

Creating directory ./RESULTS/DAILY/\_100807/AUXILIARY...

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



ADF filter 20100807\*current\_3\_IECF\_ADFs.txt  
 Found list 20100807\_030003\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20100608\_125449\_20100317\_120410\_20101231\_000000  
 ASA\_INS\_AXVIEC20091217\_114637\_20090428\_100000\_20101231\_235959  
 ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
 ASA\_XCA\_AXVIEC20100608\_123419\_20100317\_120410\_20110101\_000000

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20100807_000940_000008992091_00460_44101_2544.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_003354_000003302091_00460_44101_2545.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_005904_000003002091_00460_44101_2547.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_010320_000002092091_00460_44101_2561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_011435_000008242091_00460_44101_2569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_020750_000007342091_00461_44102_2573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_023949_000002252091_00461_44102_2582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_034127_000001042091_00462_44103_2585.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_034257_000009142091_00462_44103_2615.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_042049_000011092091_00462_44103_2613.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_052048_000010042091_00463_44104_2625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_053718_000000452091_00463_44104_2637.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_054026_000000452091_00463_44104_2644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_060101_000017992091_00463_44104_2653.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_071620_000001652091_00464_44105_2652.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_201454_000006142091_00472_44113_2769.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_202645_000011992091_00472_44113_2774.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_210625_000001502091_00472_44113_2814.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_215422_000001352091_00473_44114_2815.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_215804_000017542091_00473_44114_2817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_224652_000002392091_00473_44114_2818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100807_224952_000008242091_00473_44114_2834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20100807_074137_000017992091_00464_44105_3204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20100807_115851_000005992091_00467_44108_3279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20100807_142401_000003002091_00468_44109_3317.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20100807_192853_000002552091_00471_44112_4163.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDE20100807_004012_000002112091_00460_44101_2548.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_010909_000003202091_00460_44101_2562.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_012911_000001142091_00461_44102_2563.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_013741_000009552091_00461_44102_2566.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_015602_000001572091_00461_44102_2565.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_015916_000005132091_00461_44102_2570.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20100807_023802_000001022091_00461_44102_2572.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20100807_235349_000001142091_00474_44115_2839.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20100807_235637_000004042091_00474_44115_2841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20100807_154531_000005012091_00469_44110_3637.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_155640_000001992091_00469_44110_3636.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_160205_000001442091_00469_44110_3645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_162508_000003442091_00470_44111_3643.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_163331_000002052091_00470_44111_3644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_164713_00000902091_00470_44111_3414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_164713_00000902091_00470_44111_3633.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_165004_000008882091_00470_44111_3418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_165004_000008882091_00470_44111_3634.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_172609_000002892091_00470_44111_3420.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_173943_000000722091_00470_44111_3419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_174311_000001142091_00470_44111_3426.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_180612_000003922091_00471_44112_3429.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_182717_000004102091_00471_44112_3447.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_190644_000002652091_00471_44112_3446.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_192315_000001502091_00471_44112_3448.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_193354_000009792091_00471_44112_3453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_195104_000000722091_00472_44113_3455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20100807_195104_000000722091_00472_44113_3459.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_APM.txt...

```
ASA_APM_1PNPDE20100807_044001_000002712091_00463_44104_2624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100807_070749_000001802091_00464_44105_2648.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100807_120932_000001552091_00467_44108_2687.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100807_084503_000001482091_00465_44106_3227.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100807_213534_00000412091_00473_44114_3472.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20100807_004342_000005122091_00460_44101_2552.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_033248_000001742091_00462_44103_2568.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_040509_000000922091_00462_44103_2591.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_045125_000000632091_00463_44104_2623.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_050829_000002052091_00463_44104_2608.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_054506_000000922091_00463_44104_2630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_054836_000000922091_00463_44104_2634.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_055206_000000922091_00463_44104_2635.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_070234_000001422091_00464_44105_2638.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_072631_000000922091_00464_44105_2647.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_082920_000003742091_00465_44106_2661.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_101615_000000372091_00466_44107_2671.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_104631_000003732091_00466_44107_2673.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_110546_000001022091_00466_44107_2684.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_110749_000000532091_00466_44107_2685.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_122641_000000922091_00467_44108_2686.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_135107_000000782091_00468_44109_2715.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_164845_000000682091_00470_44111_2730.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_173100_000003022091_00470_44111_2794.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_173650_000001622091_00470_44111_2728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_183405_000001922091_00471_44112_2752.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_191106_000003022091_00471_44112_2753.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_191656_000001622091_00471_44112_2797.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_200920_000000992091_00472_44113_2791.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_202553_000000452091_00472_44113_2790.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_205658_000002332091_00472_44113_2780.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_215720_000000392091_00473_44114_2829.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_223051_000002322091_00473_44114_2831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_223531_000003562091_00473_44114_2827.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100807_232315_000001672091_00474_44115_2854.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_064953_000000632091_00464_44105_3186.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_073001_000003032091_00464_44105_3216.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_081212_000000632091_00465_44106_3217.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_195437_000000922091_00472_44113_3443.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_214245_000002022091_00473_44114_3475.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100807_232210_000000922091_00474_44115_3487.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_100807/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20100807_005331_000002812091_00460_44101_2555.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_013114_000003852091_00461_44102_2587.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_023403_000002322091_00461_44102_2588.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_041219_000003062091_00462_44103_2611.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_055448_000001472091_00463_44104_2636.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_065239_000002022091_00464_44105_2633.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_100455_000001222091_00466_44107_2670.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_100919_000002142091_00466_44107_2672.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_105501_000002692091_00466_44107_2688.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



```
ASA_WSM_1PNPDE20100807_113948_000000982091_00467_44108_2682.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_141857_000001532091_00468_44109_2717.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_151007_000000862091_00469_44110_2720.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_152140_000001282091_00469_44110_2721.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_155358_000001532091_00469_44110_2723.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_160004_000001222091_00469_44110_2714.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_163059_000001472091_00470_44111_2724.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_174106_000001222091_00470_44111_2729.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_181247_000002632091_00471_44112_2795.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_192045_000001472091_00471_44112_2750.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_210149_000001592091_00472_44113_2787.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_210946_000000922091_00472_44113_2789.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_224137_000002452091_00473_44114_2832.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100807_233118_000000672091_00474_44115_2856.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_025848_000003062091_00462_44103_3800.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_064356_000003062091_00464_44105_3185.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_073613_000001282091_00464_44105_3212.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_081424_000001592091_00465_44106_3220.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_091428_000003002091_00465_44106_3236.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_101020_000001712091_00466_44107_3239.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_114515_000004042091_00467_44108_3267.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_123551_000003062091_00467_44108_3694.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_132032_000003492091_00468_44109_3695.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_145824_000006002091_00469_44110_3327.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_151941_000004532091_00469_44110_3875.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_163704_000006062091_00470_44111_3630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_163704_000006062091_00470_44111_3631.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_181642_000002942091_00471_44112_3432.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_182220_000002942091_00471_44112_3435.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_195404_00000182091_00472_44113_3441.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_195704_000001842091_00472_44113_3449.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_213742_000000862091_00473_44114_3474.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100807_232002_000001222091_00474_44115_3485.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100807/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_100807/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_100807/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

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Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1

Test product: ASA\_MS\_0PNPDK20100806\_143802\_00000162091\_00454\_44095\_0176.N1

H

H

../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20100806\_143802-20010209\_135042.png

../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20100806\_143802-20010209\_135042.png

../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20100806\_143802-20010209\_135042.png

../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20100806\_143802-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDE20100807\_204849\_000000162091\_00472\_44113\_0570.N1

V  
V

../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20100807\_204849-20010209\_140823.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20100807\_204849-20010209\_140823.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20100807\_204849-20010209\_140823.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20100807\_204849-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20100804\_071817\_000000162091\_00421\_44062\_0174.N1  
Test product: ASA\_MS\_\_0PNPDK20100806\_143802\_000000162091\_00454\_44095\_0176.N1

H  
H

../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20100806\_143802-20100804\_071817.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20100806\_143802-20100804\_071817.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20100806\_143802-20100804\_071817.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20100806\_143802-20100804\_071817.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20100805\_100752\_000000162091\_00437\_44078\_0175.N1  
Test product: ASA\_MS\_\_0PNPDE20100807\_204849\_000000162091\_00472\_44113\_0570.N1

V  
V

../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20100807\_204849-20100805\_100752.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20100807\_204849-20100805\_100752.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20100807\_204849-20100805\_100752.png  
../../../../RESULTS/DAILY/\_100807/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20100807\_204849-20100805\_100752.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-08-07\_1.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...



Getting calibration pulses data for WVS IS2 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-08-07\_2.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-08-07\_3.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-08-07\_4.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H  
Getting calibration pulses data for GM1 SS3 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-08-07\_1.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-08-07\_2.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-08-07\_3.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_100807/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-08-07\_4.dat...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_100807//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_100807/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-08-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100807/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-08-07.dat...



Running IDL program...
Writing file ../RESULTS/DAILY/\_100807/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...
Writing file ../RESULTS/DAILY/\_100807/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-08-07.dat...
Running IDL program...
Writing file ../RESULTS/DAILY/\_100807/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...
Writing file ../RESULTS/DAILY/\_100807/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 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 = -37.462432 Hz
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.206639 Hz
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...
Writing file ../RESULTS/DAILY/\_100807//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 = -4.9604976 Hz
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -12.781184 Hz
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...
Writing file ../RESULTS/DAILY/\_100807//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_100807/CHIRP...

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CHIRP Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Analysing products WSM SS1 H/H

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Getting ScaleFactor data for WSM SS1 H/H from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...

Writing file ./RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2010-08-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../../RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...

Writing file ./RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2010-08-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../../RESULTS/DAILY/\_100807/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100807/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_100807/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_WVS\_2010-08-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2010-08-07 00:00:00 to 2010-08-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_IMM\_2010-08-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100807/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-08-07 00:00:00 to 2010-08-07 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100807/TELEMETRY

Creating directory ./RESULTS/DAILY/\_100807/TELEMETRY...

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

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Checking 25 products from PDE...

Checking 43 products from PDK...

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

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Checking 44 products from PDE...

Checking 55 products from PDK...

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

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Checking 3 products from PDE...

Checking 2 products from PDK...

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

\*\*\*\*\*

Checking 30 products from PDE...

Checking 6 products from PDK...

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

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Checking 23 products from PDE...

Checking 19 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_100807/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_100807/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_100807/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_1PNPDE20100807_044001_000002712091_00463_44104_2624.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100807_070749_000001802091_00464_44105_2648.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100807_120932_000001552091_00467_44108_2687.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100807_084503_000001482091_00465_44106_3227.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100807_213534_000000412091_00473_44114_3472.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_1PNPDE20100807_002522_000001082091_00460_44101_2542.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_002809_000003442091_00460_44101_2546.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_004012_000002112091_00460_44101_2548.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_010909_000003202091_00460_44101_2562.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_012911_000001142091_00461_44102_2563.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_013741_000009552091_00461_44102_2566.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_015602_000001572091_00461_44102_2565.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_015916_000005132091_00461_44102_2570.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_022047_000007912091_00461_44102_2571.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_023802_000001022091_00461_44102_2572.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_024409_000005072091_00461_44102_2574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_025402_000002772091_00461_44102_2575.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_030357_000017342091_00462_44103_2583.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_033554_000003322091_00462_44103_2581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_040156_000001932091_00462_44103_2620.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_040652_000003202091_00462_44103_2619.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_041732_000001932091_00462_44103_2617.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_044449_000003982091_00463_44104_2616.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_045243_000009492091_00463_44104_2614.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_051201_000005252091_00463_44104_2612.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_054159_000001872091_00463_44104_2639.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_054651_000001022091_00463_44104_2641.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_055021_000001022091_00463_44104_2640.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_063139_000007312091_00464_44105_2658.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_065108_00000782091_00464_44105_2657.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_065601_000003922091_00464_44105_2655.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_070505_000001632091_00464_44105_2654.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_071108_000003082091_00464_44105_2651.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_200008_000005552091_00472_44113_2768.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_201111_000002232091_00472_44113_2771.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_204723_00000782091_00472_44113_2772.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_205006_000004102091_00472_44113_2773.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_210432_00000902091_00472_44113_2775.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_210458_00000782091_00472_44113_2810.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_211205_000012142091_00472_44113_2811.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_214000_000001632091_00473_44114_2812.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_214619_000004832091_00473_44114_2816.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_222757_000001752091_00473_44114_2819.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_230420_000002832091_00474_44115_2835.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_232612_000003022091_00474_44115_2836.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_233240_000003562091_00474_44115_2838.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_235349_000001142091_00474_44115_2839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100807_235637_000004042091_00474_44115_2841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_072237_000002352091_00464_44105_3199.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_072816_000001022091_00464_44105_3202.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_073823_000001932091_00464_44105_3203.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_081712_000004592091_00465_44106_3210.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_082404_000003202091_00465_44106_3223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_084108_000002352091_00465_44106_3224.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_084750_000001812091_00465_44106_3226.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_090311_000006712091_00465_44106_3225.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_091931_000001572091_00465_44106_3228.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_095504_000005862091_00466_44107_3232.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_100657_000001322091_00466_44107_3250.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_101946_000004282091_00466_44107_3252.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_104345_000001692091_00466_44107_3251.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_105256_000001142091_00466_44107_3254.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_105936_000001932091_00466_44107_3257.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_113457_000002832091_00467_44108_3256.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_114131_000002172091_00467_44108_3259.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_122420_000001382091_00467_44108_3280.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_122824_000004412091_00467_44108_3283.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_124100_000001382091_00467_44108_3281.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_124805_000006222091_00467_44108_3285.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20100807_131014_000006102091_00468_44109_3292.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_132626_000003682091_00468_44109_3677.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_134610_000002952091_00468_44109_3678.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_135238_000003682091_00468_44109_3309.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_135238_000003682091_00468_44109_3655.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_135850_000002952091_00468_44109_3310.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_135850_000002952091_00468_44109_3654.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_140458_000008342091_00468_44109_3312.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_142133_000001442091_00468_44109_3318.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_142948_000002412091_00468_44109_3316.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_143636_000002592091_00468_44109_3314.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_144610_000007252091_00469_44110_3320.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_150826_000000902091_00469_44110_3339.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_151138_000002952091_00469_44110_3340.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_151811_000000782091_00469_44110_3341.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_154531_000005012091_00469_44110_3637.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_155640_000001992091_00469_44110_3636.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_160205_000001442091_00469_44110_3645.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_162508_000003442091_00470_44111_3643.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_163331_000002052091_00470_44111_3644.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_164713_000000902091_00470_44111_3414.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_164713_000000902091_00470_44111_3633.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_165004_000008882091_00470_44111_3418.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_165004_000008882091_00470_44111_3634.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_172609_000002892091_00470_44111_3420.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_173943_000000722091_00470_44111_3419.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_174311_000001142091_00470_44111_3426.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_180612_000003922091_00471_44112_3429.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_182717_000004102091_00471_44112_3447.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_190644_000002652091_00471_44112_3446.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_192315_000001502091_00471_44112_3448.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_193354_000009792091_00471_44112_3453.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_195104_000000722091_00472_44113_3455.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20100807_195104_000000722091_00472_44113_3459.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_IMM_1PNPDE20100807_040509_000000922091_00462_44103_2591.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_045125_000000632091_00463_44104_2623.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_050829_000002052091_00463_44104_2608.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_054506_000000922091_00463_44104_2630.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_054836_000000922091_00463_44104_2634.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_055206_000000922091_00463_44104_2635.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_070234_000001422091_00464_44105_2638.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_072631_000000922091_00464_44105_2647.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_082920_000003742091_00465_44106_2661.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_101615_000000372091_00466_44107_2671.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_104631_000003732091_00466_44107_2673.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_110546_000001022091_00466_44107_2684.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_110749_000000532091_00466_44107_2685.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_122641_000000922091_00467_44108_2686.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_135107_000000782091_00468_44109_2715.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_164845_000000682091_00470_44111_2730.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_173100_000003022091_00470_44111_2794.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_173650_000001622091_00470_44111_2728.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_183405_000001922091_00471_44112_2752.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_191106_000003022091_00471_44112_2753.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_191656_000001622091_00471_44112_2797.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_200920_000000992091_00472_44113_2791.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_202553_000000452091_00472_44113_2790.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_205658_000002332091_00472_44113_2780.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_215720_000000392091_00473_44114_2829.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_223051_000002322091_00473_44114_2831.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_223531_000003562091_00473_44114_2827.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100807_232315_000001672091_00474_44115_2854.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_064953_000000632091_00464_44105_3186.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_073001_000003032091_00464_44105_3216.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_081212_000000632091_00465_44106_3217.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_195437_000000922091_00472_44113_3443.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_214245_000002022091_00473_44114_3475.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100807_232210_000000922091_00474_44115_3487.N1					OK	OK	OK	OK

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

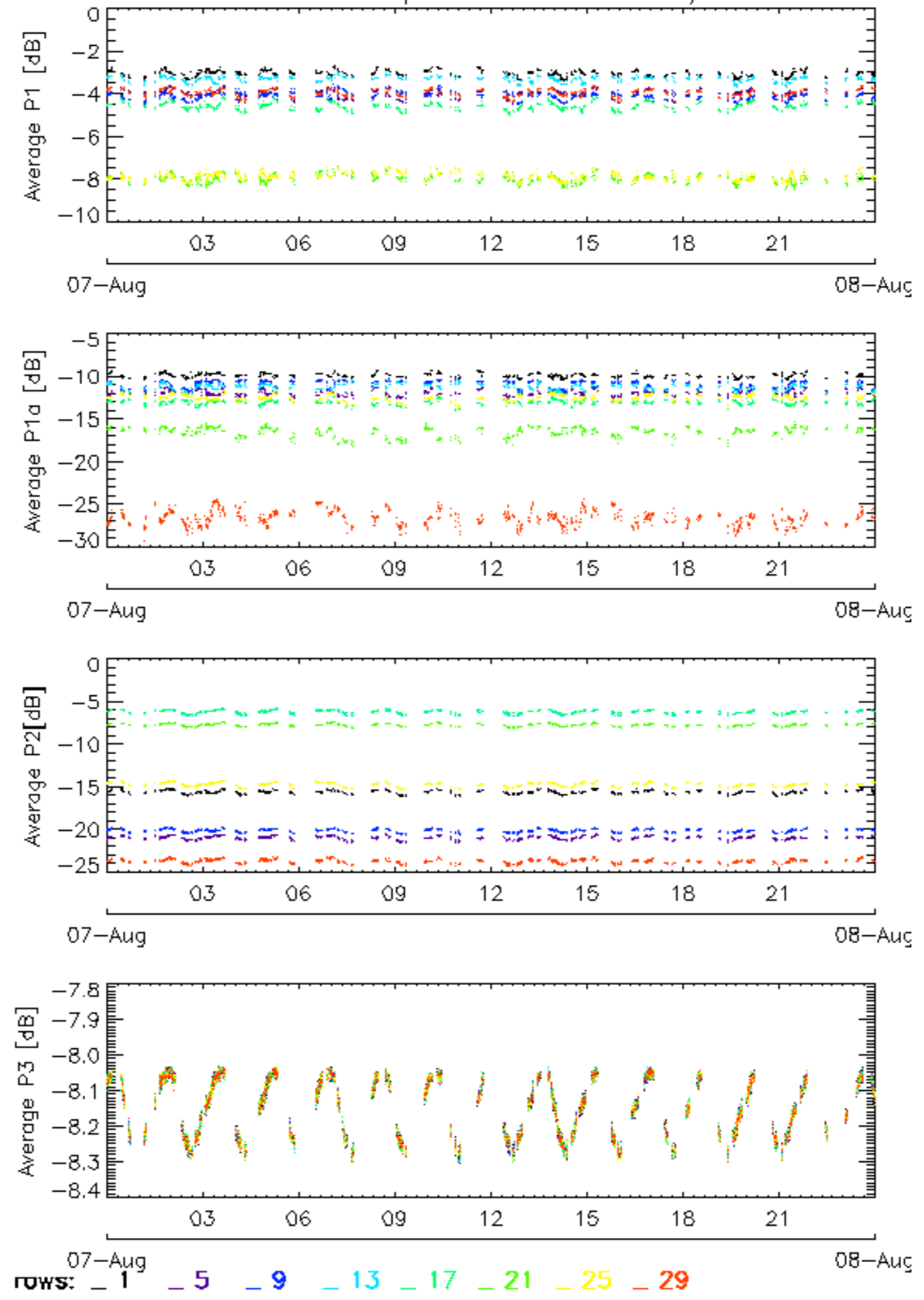
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ASA_WSM_1PNPDE20100807_023403_000002322091_00461_44102_2588.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_041219_000003062091_00462_44103_2611.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_055448_000001472091_00463_44104_2636.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_065239_000002022091_00464_44105_2633.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_100455_000001222091_00466_44107_2670.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_100919_000002142091_00466_44107_2672.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_105501_000002692091_00466_44107_2688.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_113948_000000982091_00467_44108_2682.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_141857_000001532091_00468_44109_2717.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_151007_000000862091_00469_44110_2720.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_152140_000001282091_00469_44110_2721.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_155358_000001532091_00469_44110_2723.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_160004_000001222091_00469_44110_2714.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_163059_000001472091_00470_44111_2724.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_174106_000001222091_00470_44111_2729.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_181247_000002632091_00471_44112_2795.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_192045_000001472091_00471_44112_2750.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_210149_000001592091_00472_44113_2787.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_210946_000000922091_00472_44113_2789.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_224137_000002452091_00473_44114_2832.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100807_233118_000000672091_00474_44115_2856.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_025848_000003062091_00462_44103_3800.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_064356_000003062091_00464_44105_3185.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_073613_000001282091_00464_44105_3212.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_081424_000001592091_00465_44106_3220.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_091428_000003002091_00465_44106_3236.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_101020_000001712091_00466_44107_3239.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_114515_000004042091_00467_44108_3267.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_123551_000003062091_00467_44108_3694.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_132032_000003492091_00468_44109_3695.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_145824_000006002091_00469_44110_3327.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_151941_000004532091_00469_44110_3875.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_163704_000006062091_00470_44111_3630.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_163704_000006062091_00470_44111_3631.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20100807_182220_000002942091_00471_44112_3435.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_195404_00000182091_00472_44113_3441.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_195704_000001842091_00472_44113_3449.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_213742_000000862091_00473_44114_3474.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100807_232002_000001222091_00474_44115_3485.N1					OK	OK	OK	OK

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

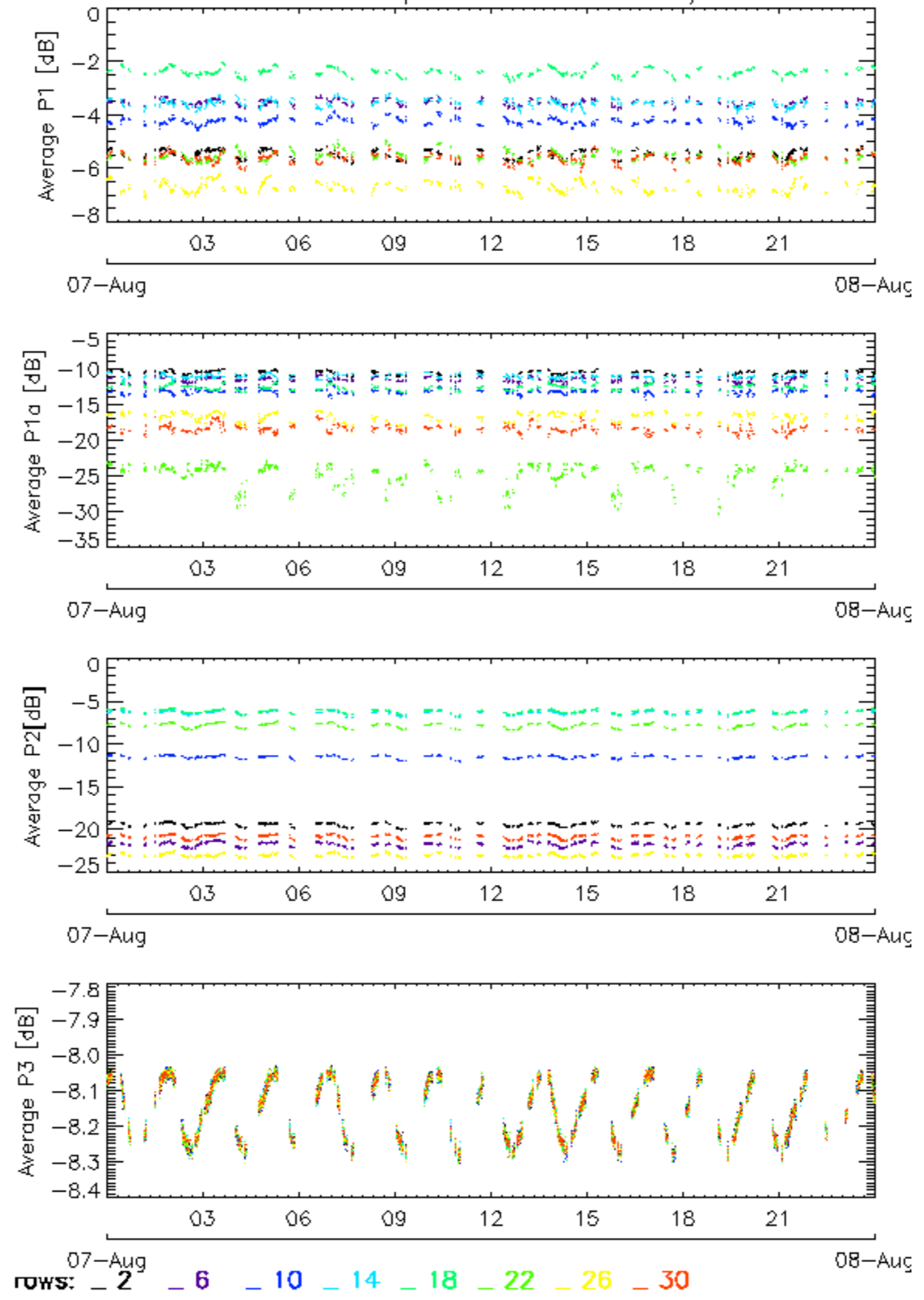
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ASA_WVS_1PNPDE20100807_005904_000003002091_00460_44101_2547.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_010320_000002092091_00460_44101_2561.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_011435_000008242091_00460_44101_2569.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_020750_000007342091_00461_44102_2573.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_023949_000002252091_00461_44102_2582.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_034127_000001042091_00462_44103_2585.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_034257_000009142091_00462_44103_2615.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_042049_000011092091_00462_44103_2613.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_052048_000010042091_00463_44104_2625.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_053718_000000452091_00463_44104_2637.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_054026_000000452091_00463_44104_2644.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_060101_000017992091_00463_44104_2653.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_071620_000001652091_00464_44105_2652.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_201454_000006142091_00472_44113_2769.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_202645_000011992091_00472_44113_2774.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_210625_000001502091_00472_44113_2814.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_215422_000001352091_00473_44114_2815.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_215804_000017542091_00473_44114_2817.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100807_224652_000002392091_00473_44114_2818.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100807_231219_000004202091_00474_44115_2837.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_074137_000017992091_00464_44105_3204.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_085051_000006892091_00465_44106_3229.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_092213_000019192091_00465_44106_3231.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_102658_000009592091_00466_44107_3253.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_102658_000009592091_00466_44107_4143.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_110249_000001352091_00466_44107_3255.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_110249_000001352091_00466_44107_4140.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_110848_000015292091_00466_44107_3258.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_110848_000015292091_00466_44107_4144.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_115156_000002852091_00467_44108_3278.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_115156_000002852091_00467_44108_4147.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_115851_000005992091_00467_44108_3279.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_115851_000005992091_00467_44108_4148.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_121602_000004502091_00467_44108_3282.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_121602_000004502091_00467_44108_4149.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_124325_000002402091_00467_44108_3284.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_125831_000006662091_00467_44108_3291.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_125831_000006662091_00467_44108_4150.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_133238_000005692091_00468_44109_3311.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_142401_000003002091_00468_44109_4153.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_160437_000011842091_00469_44110_4156.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_170454_000012292091_00470_44111_3422.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_174513_000012142091_00470_44111_3427.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_174513_000012142091_00470_44111_4159.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100807_183824_000016642091_00471_44112_3635.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_183824_000016642091_00471_44112_4161.N1					OK	OK	OK	OK

ASA_WVS_1PNPDK20100807_192549_000000602091_00471_44112_3444.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_192549_000000602091_00471_44112_4162.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20100807_192853_000002552091_00471_44112_3454.N1	OK	OK	OK	OK
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### Calibration pulses for GM1 SS3 H/H

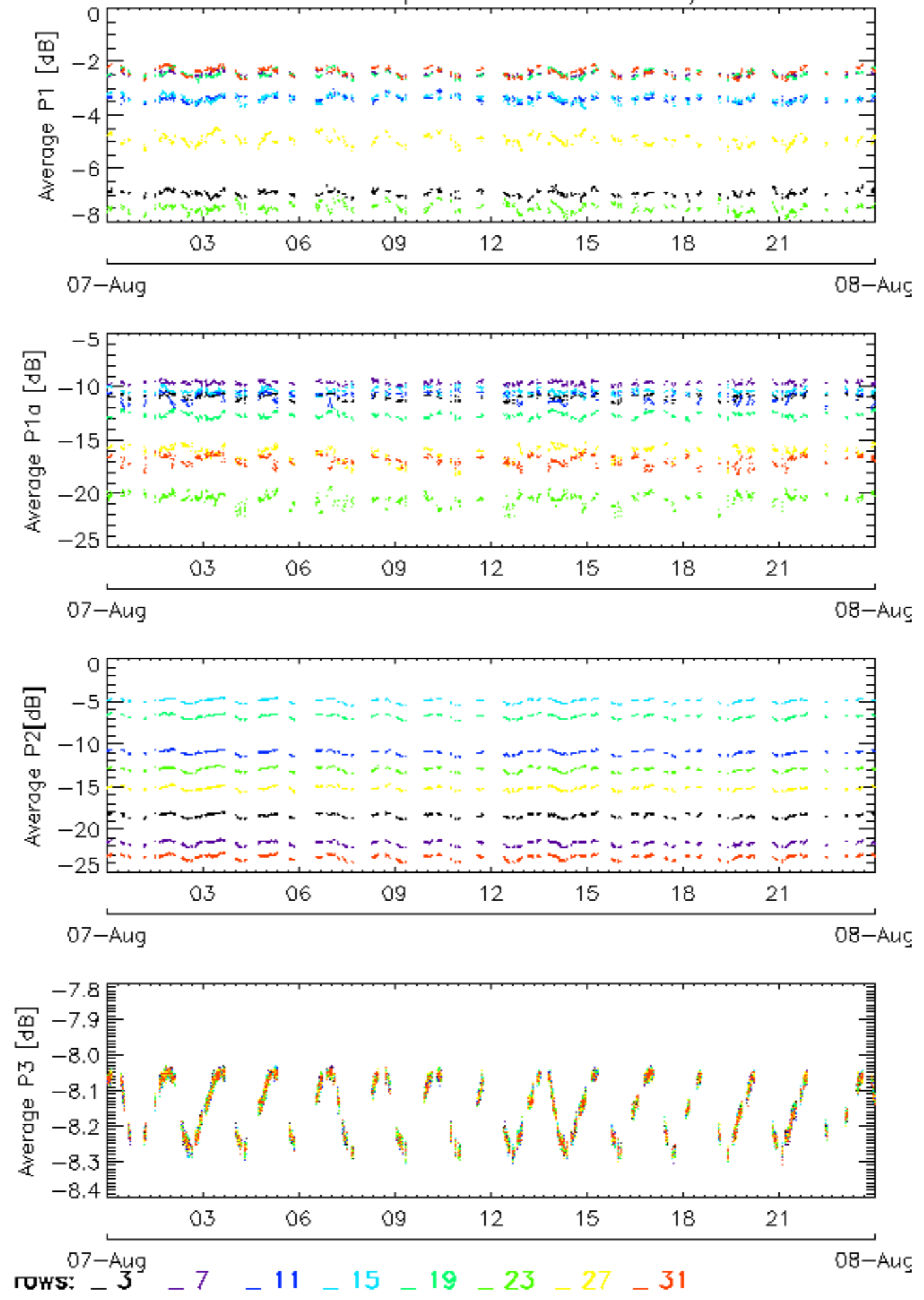


### Calibration pulses for GM1 SS3 H/H

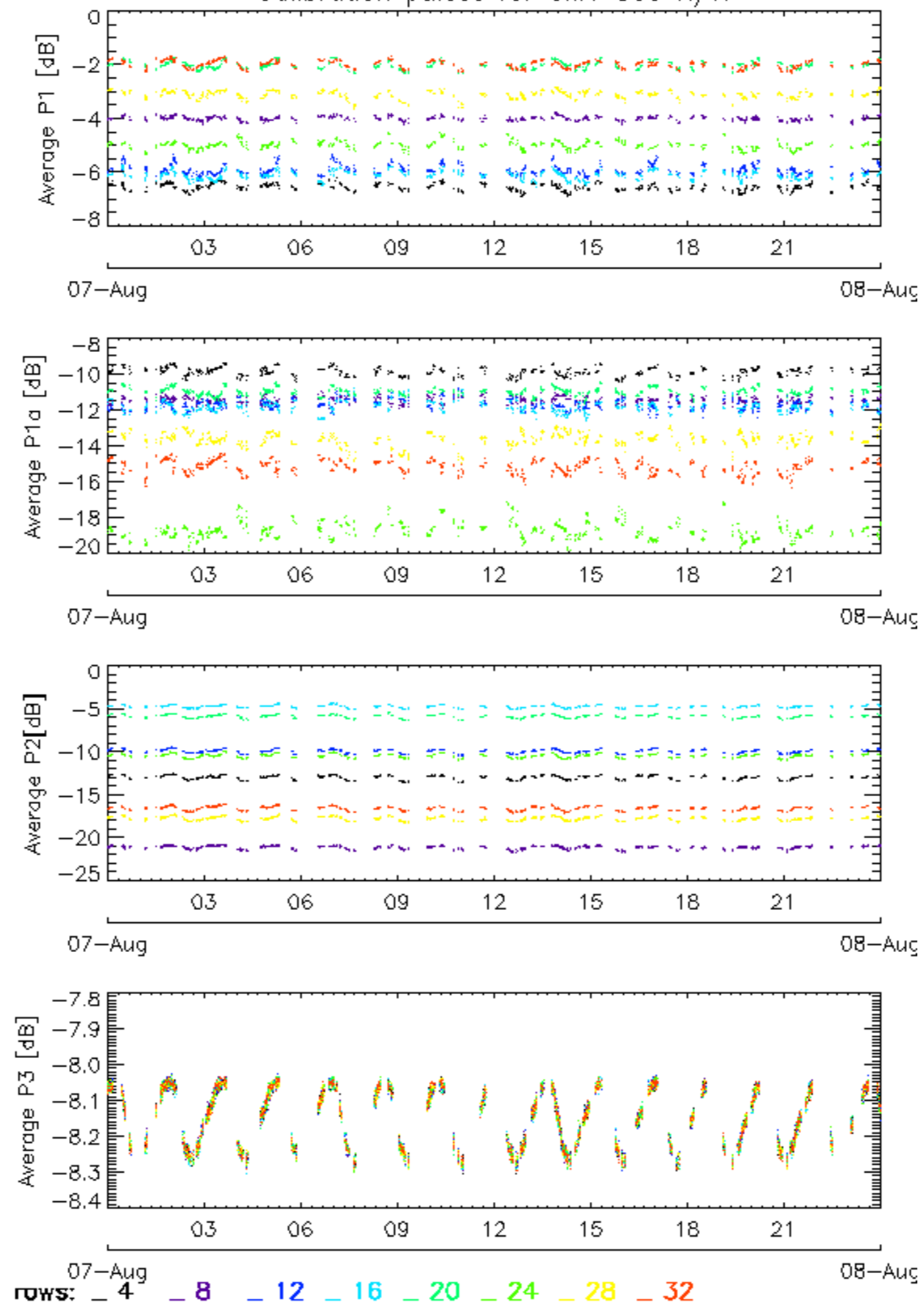




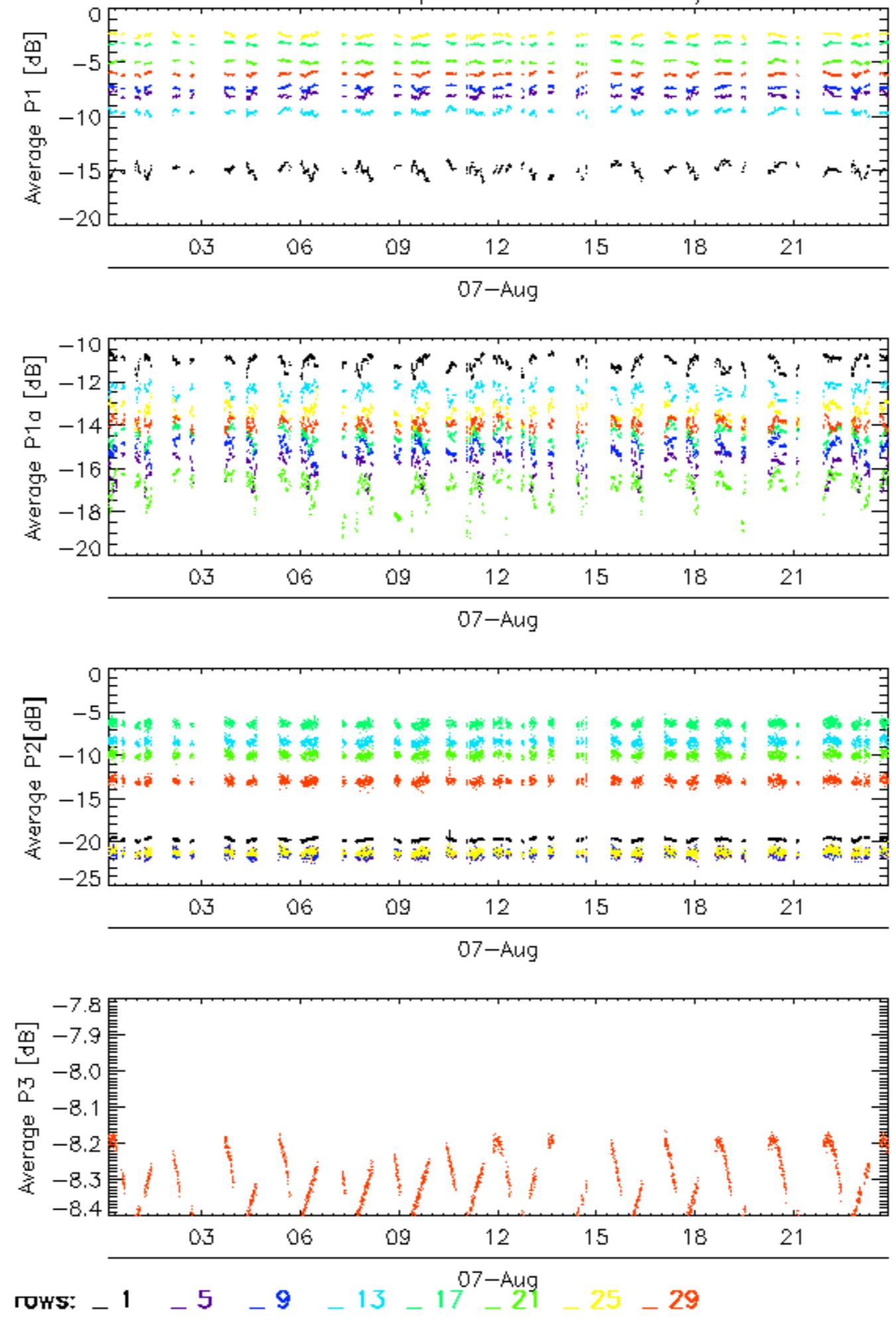
### Calibration pulses for GM1 SS3 H/H



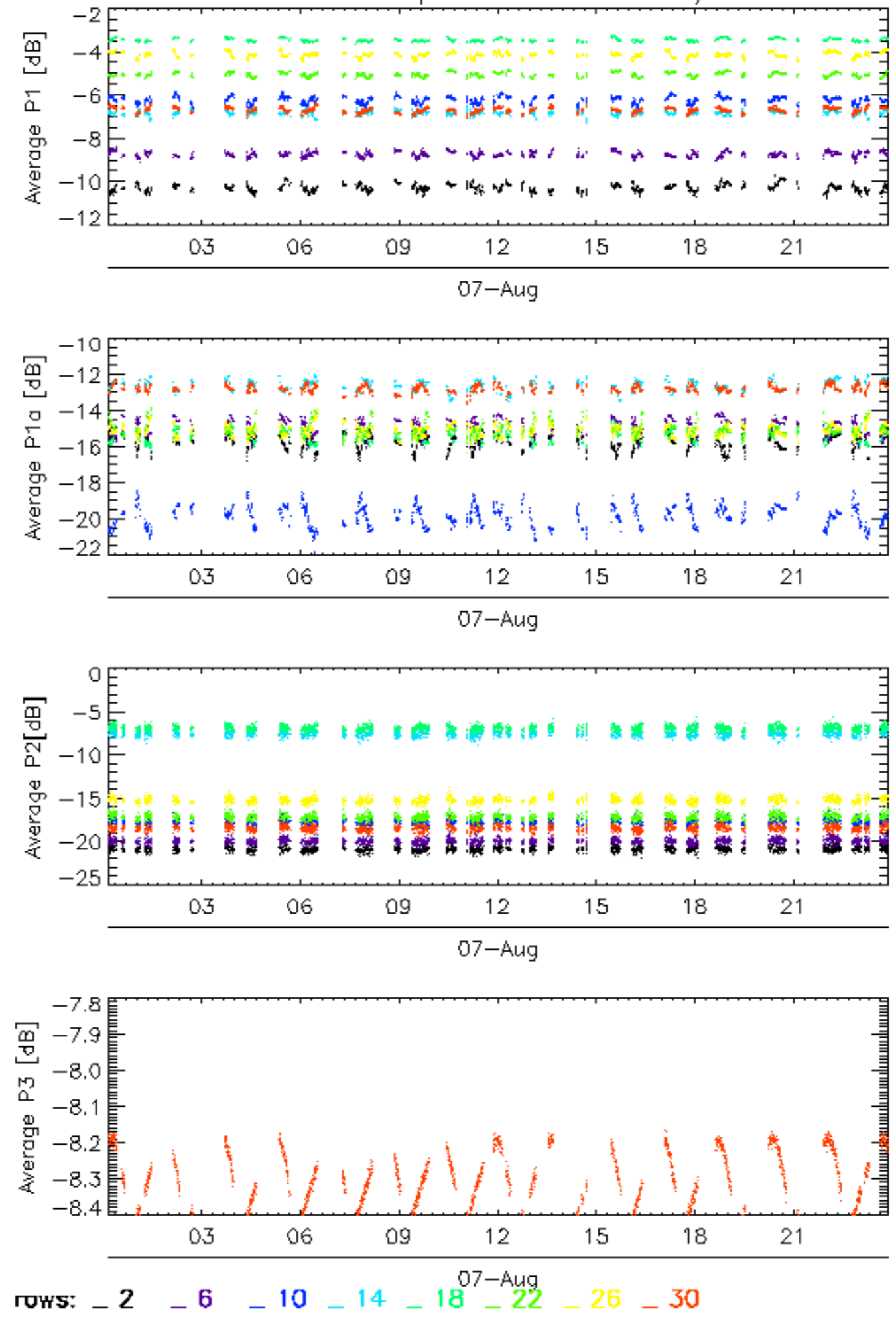
### Calibration pulses for GM1 SS3 H/H



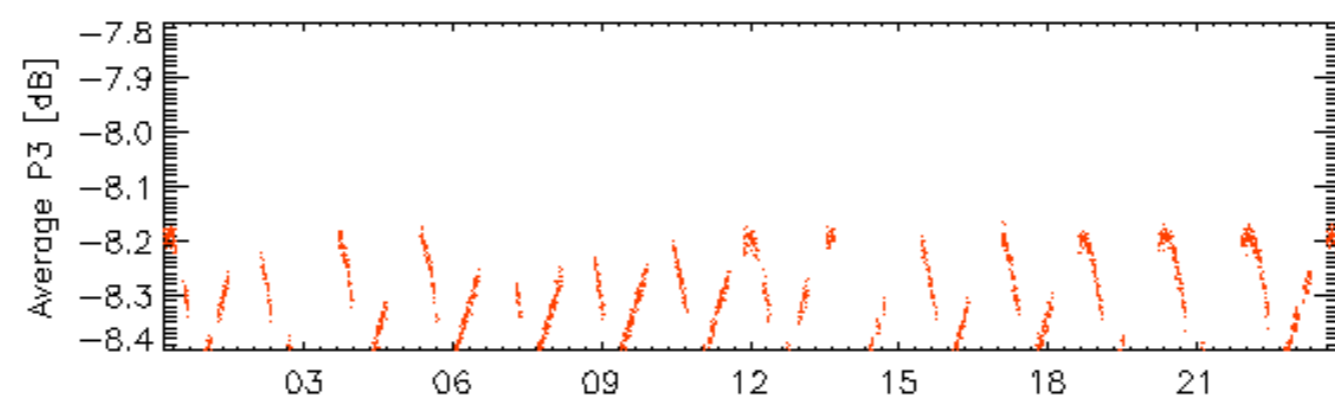
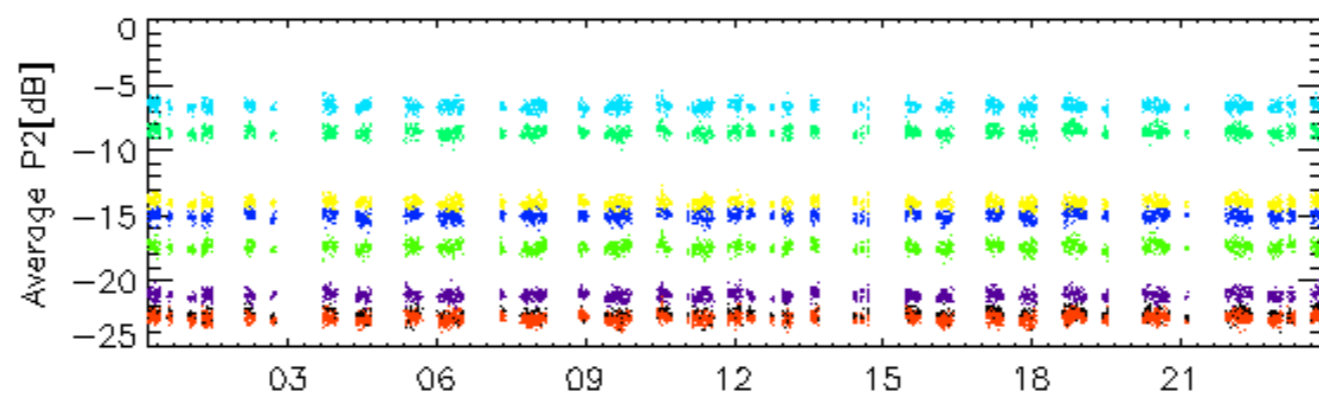
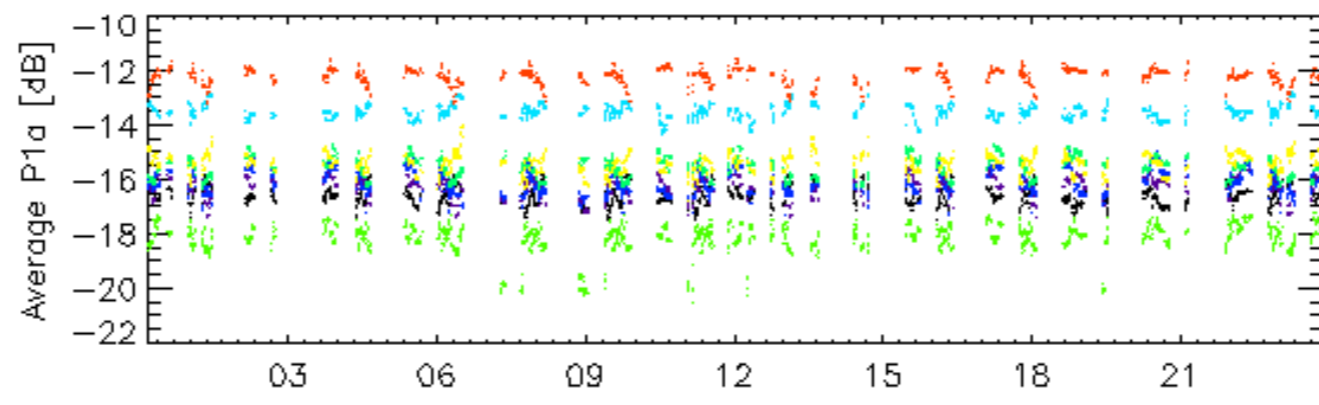
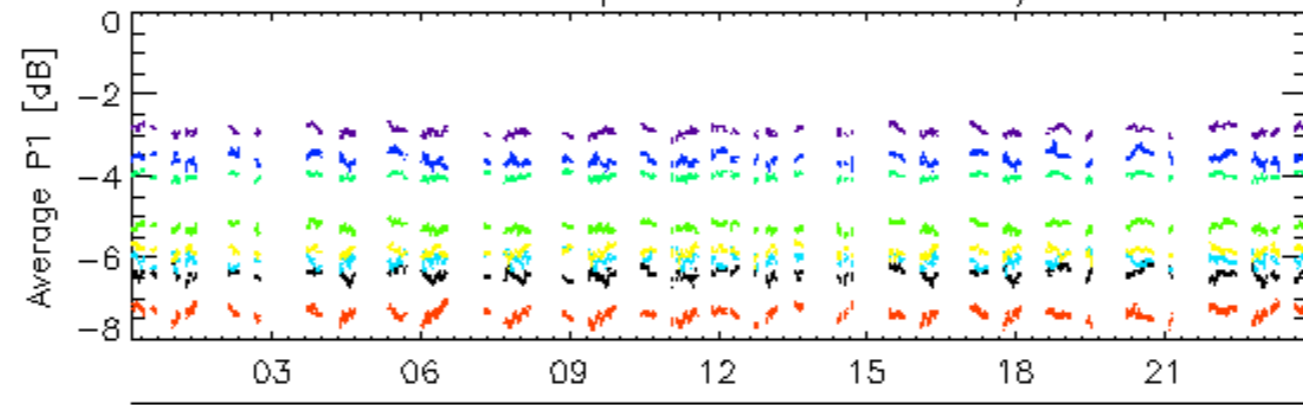
### Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

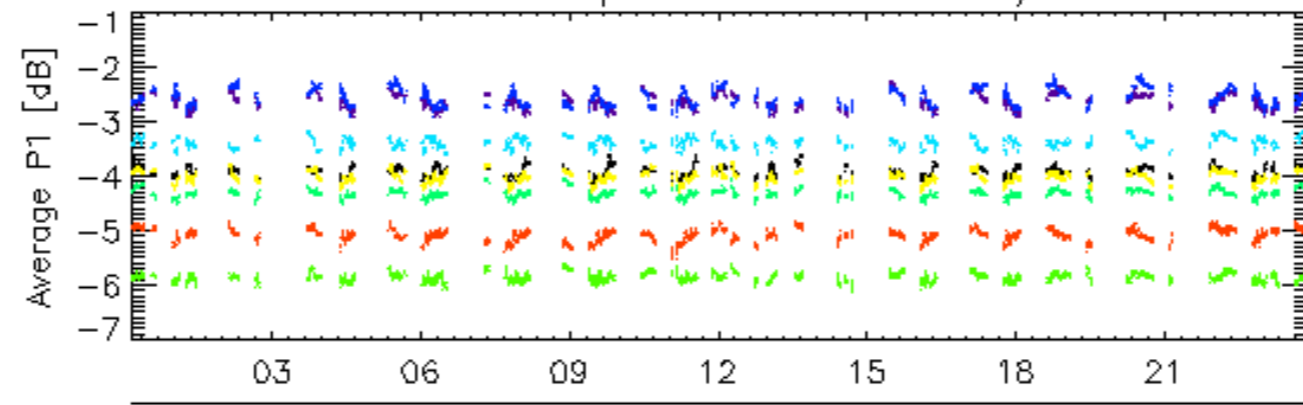


### Calibration pulses for WVS IS2 V/V

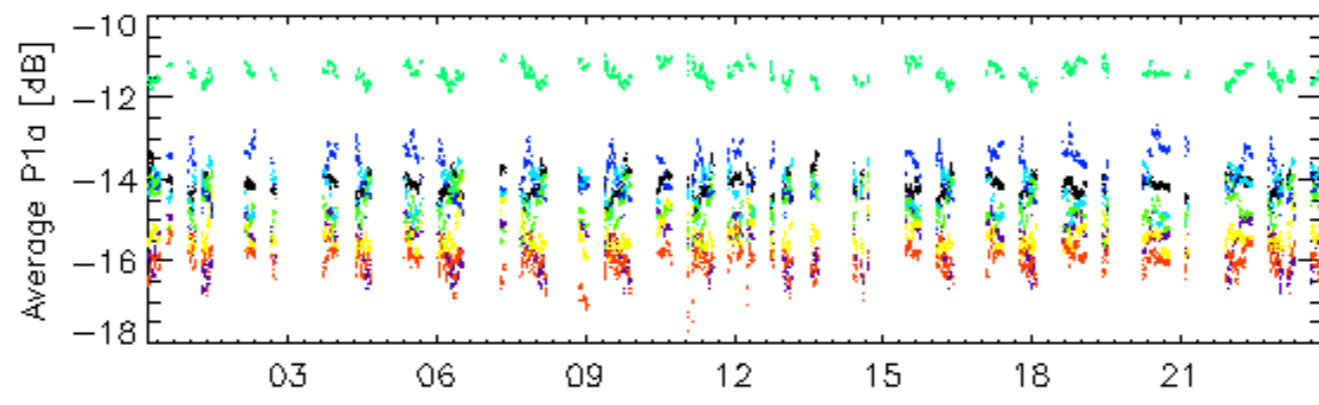


rows: \_ 3 \_ 7 \_ 11 \_ 15 \_ 19 \_ 23 \_ 27 \_ 31

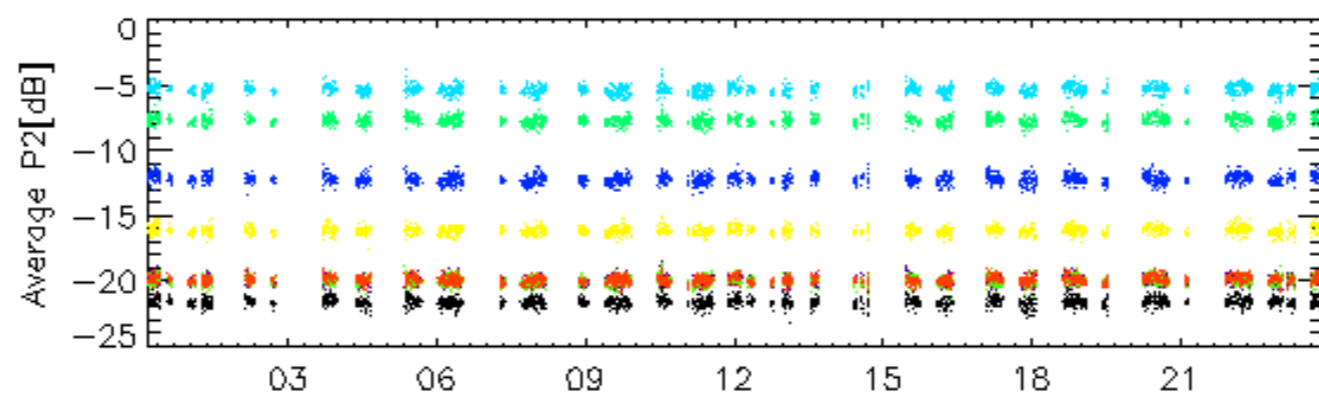
Calibration pulses for WVS IS2 V/V



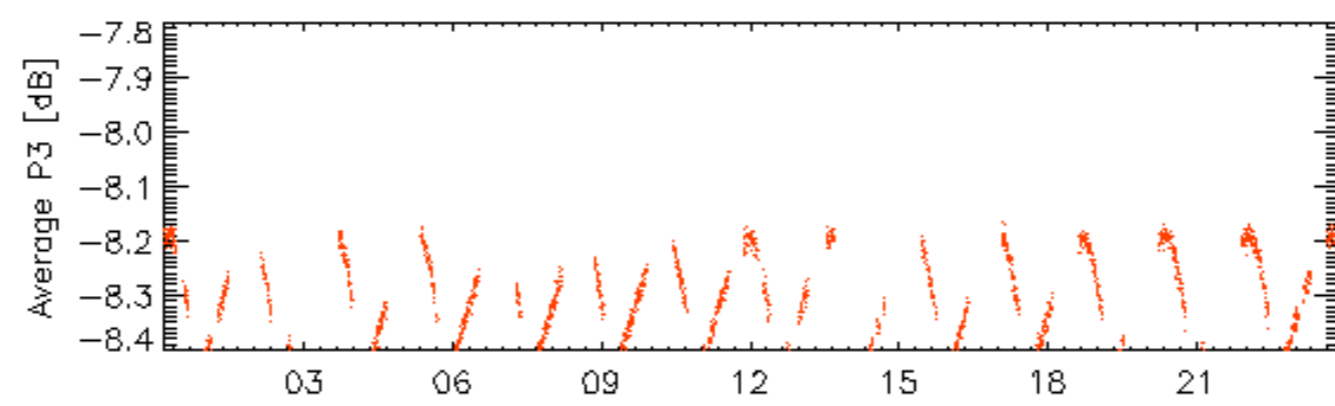
07-Aug



07-Aug

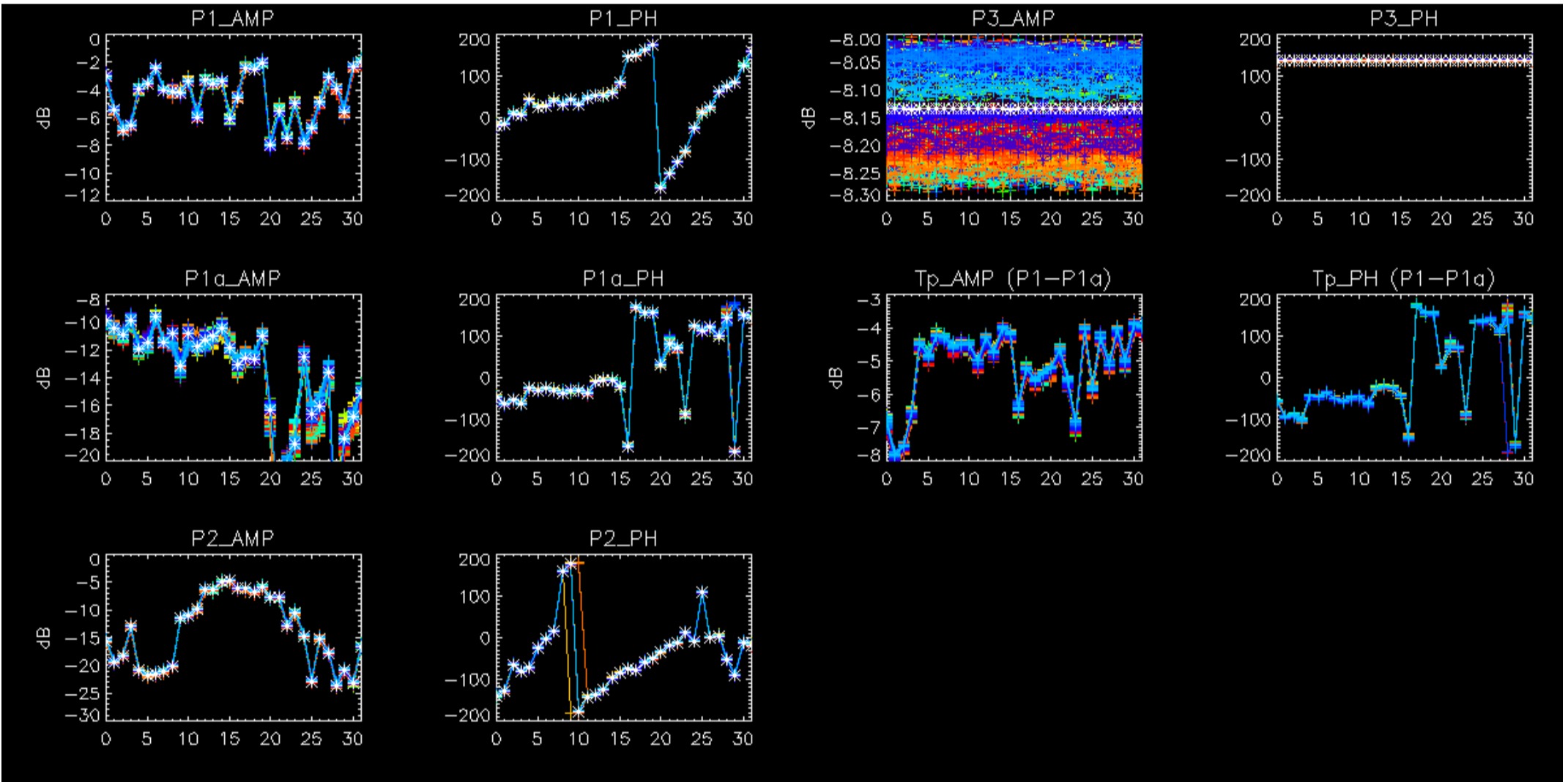


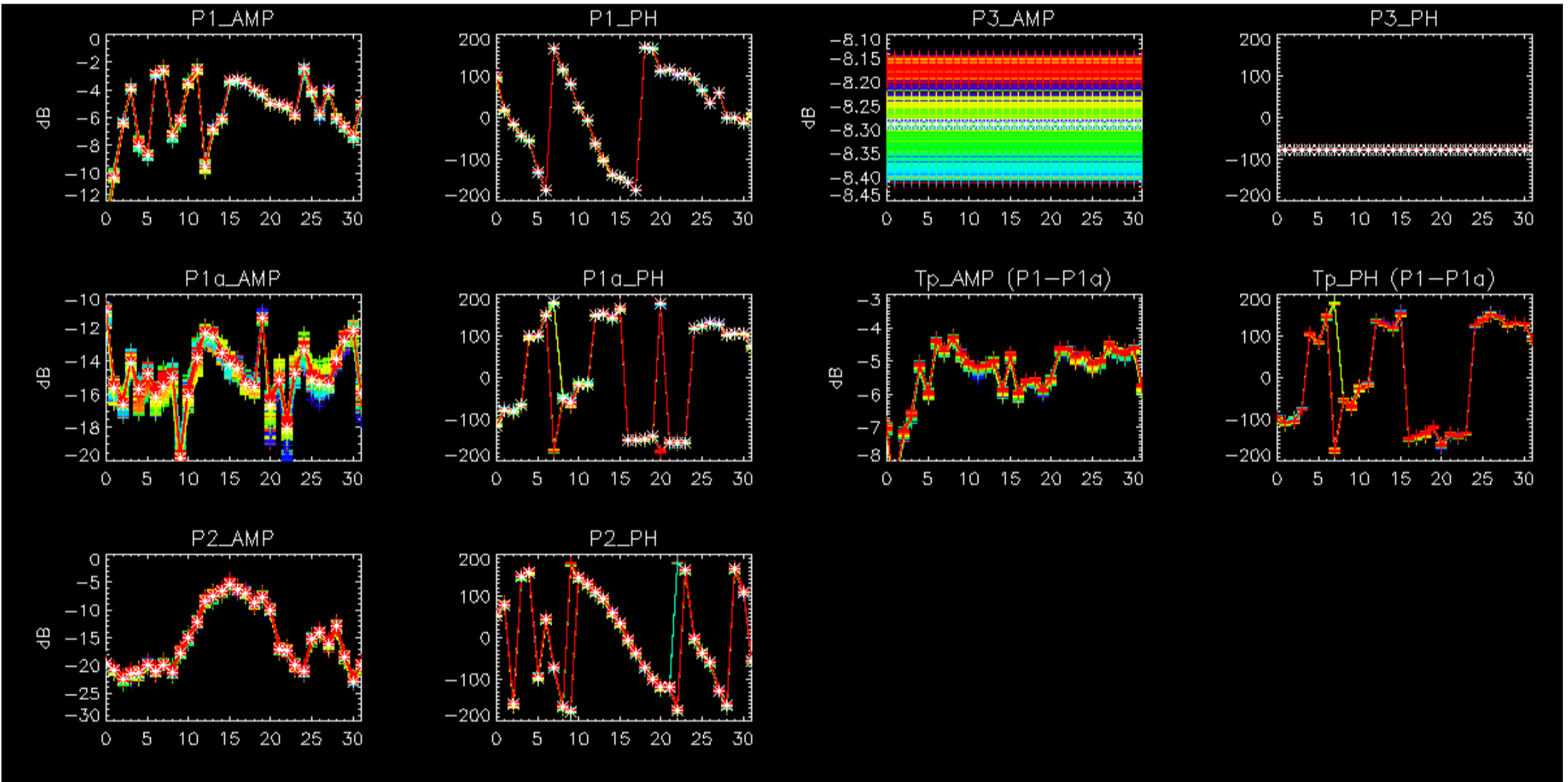
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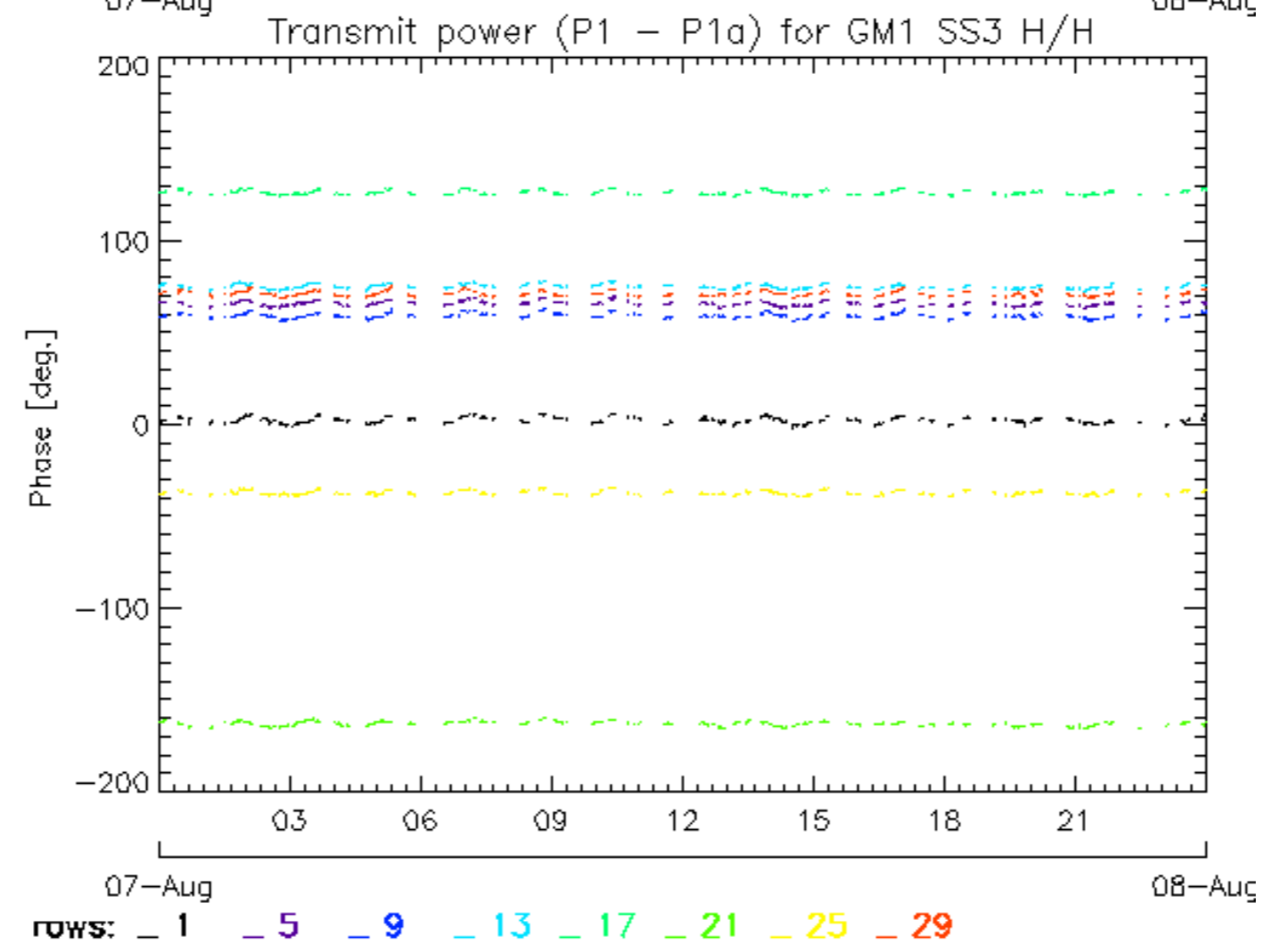
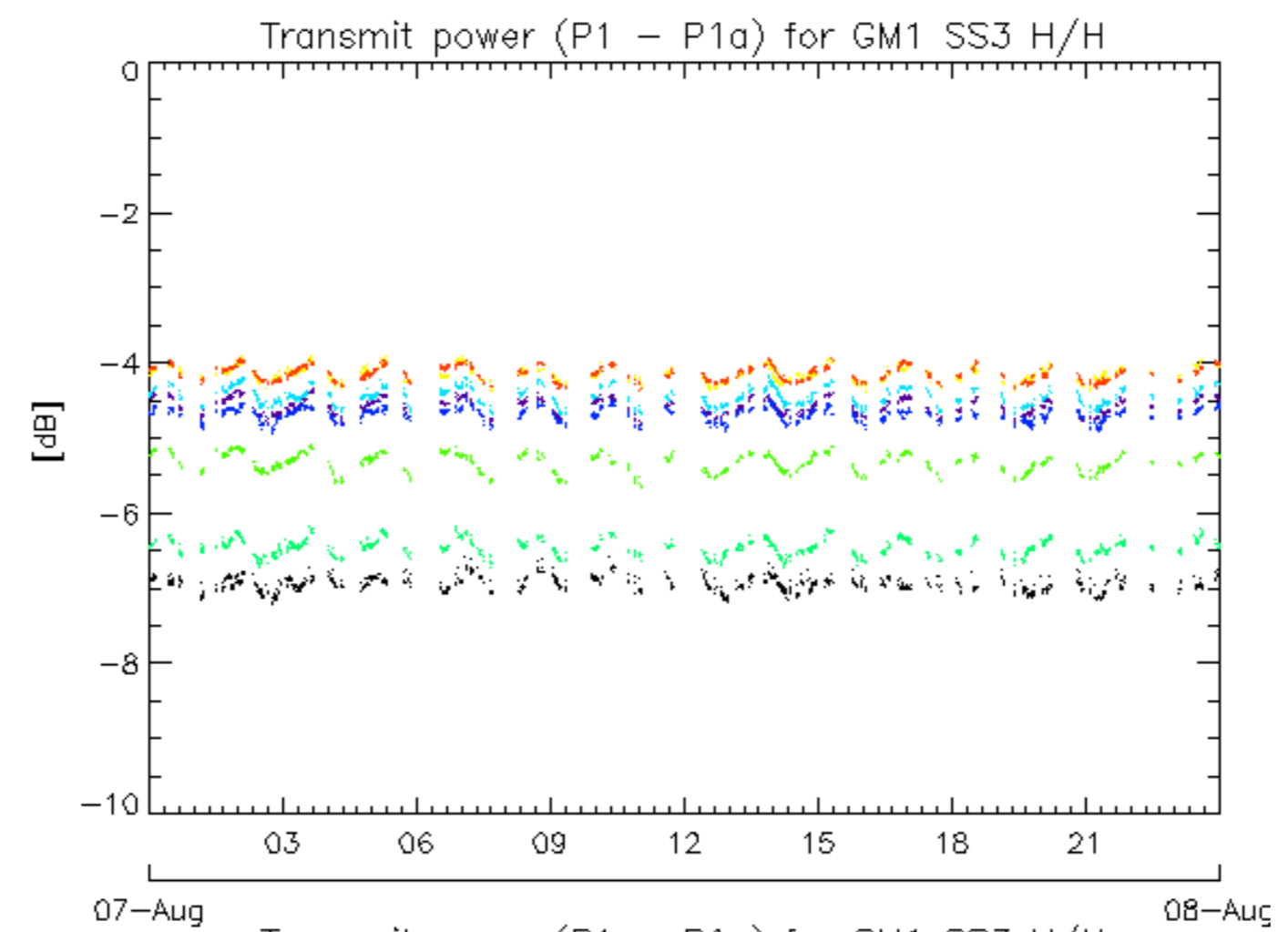
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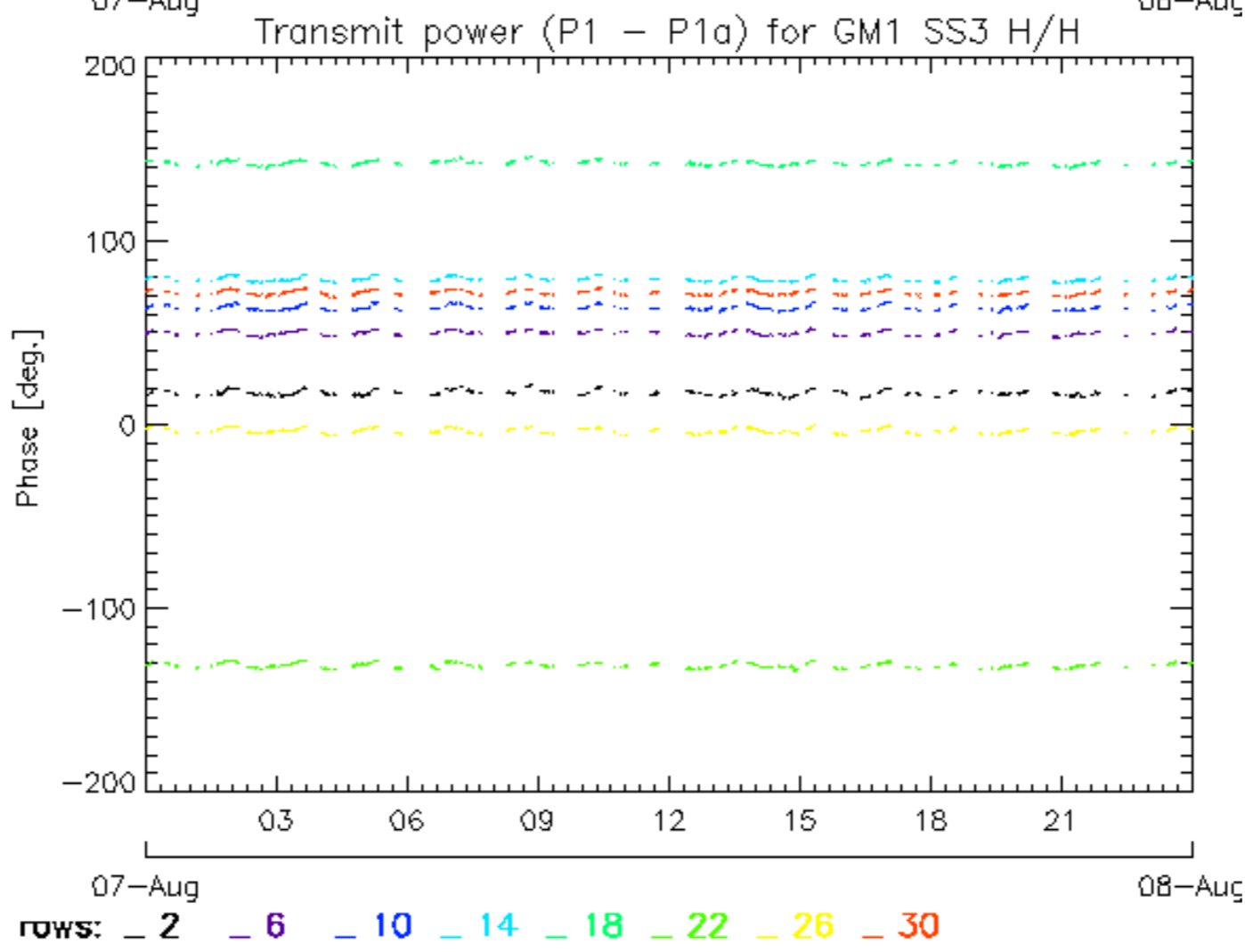
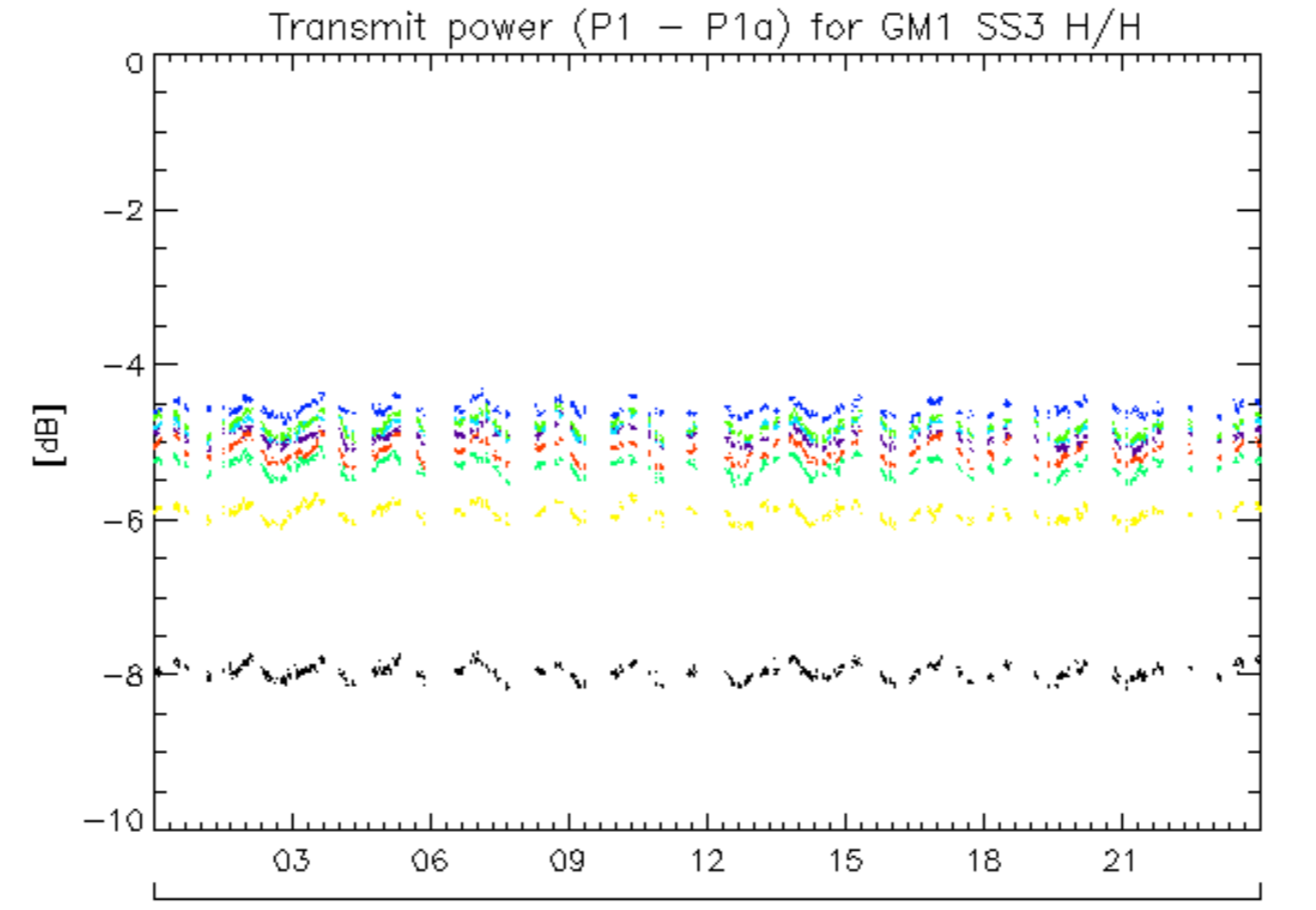
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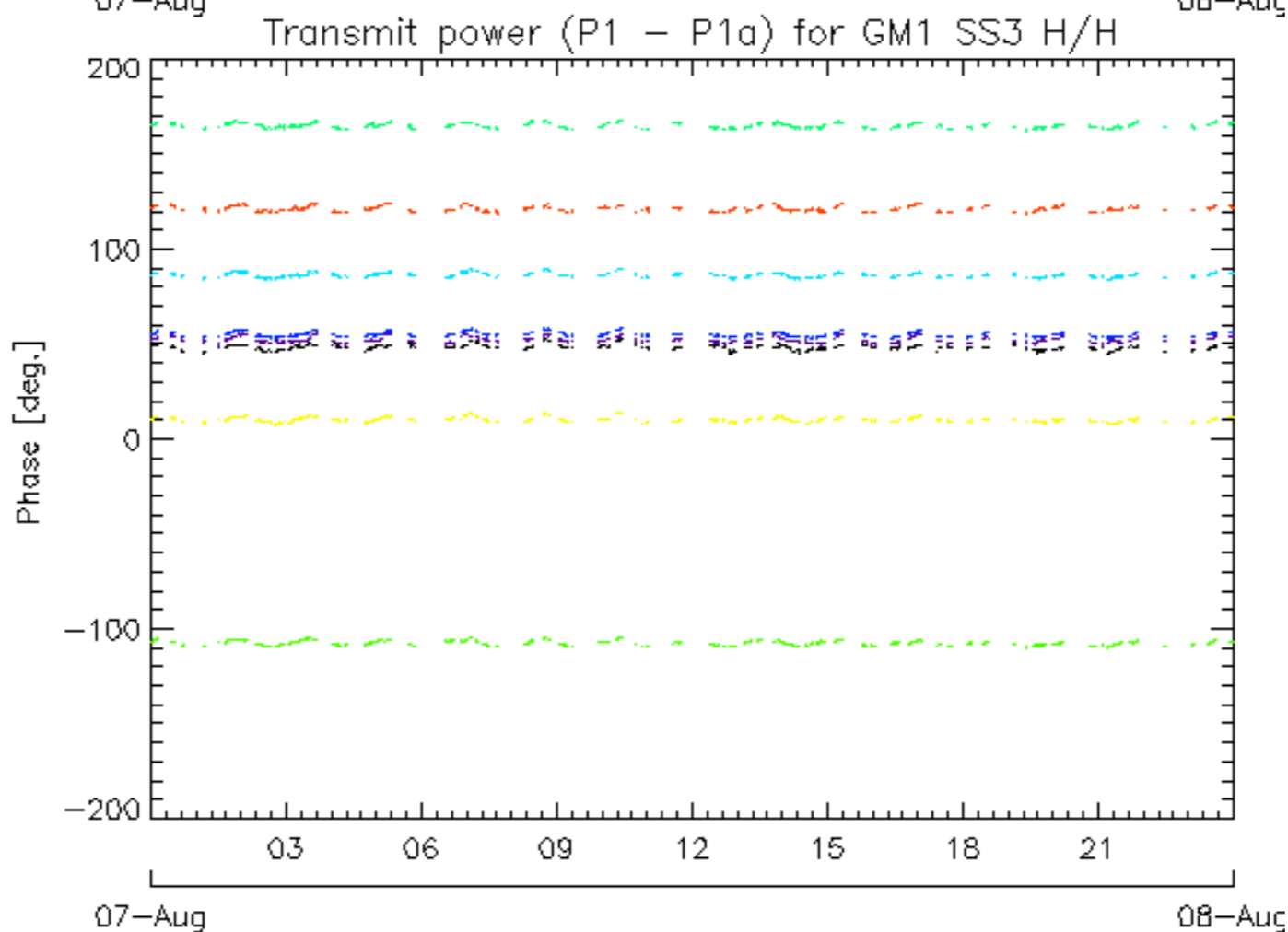
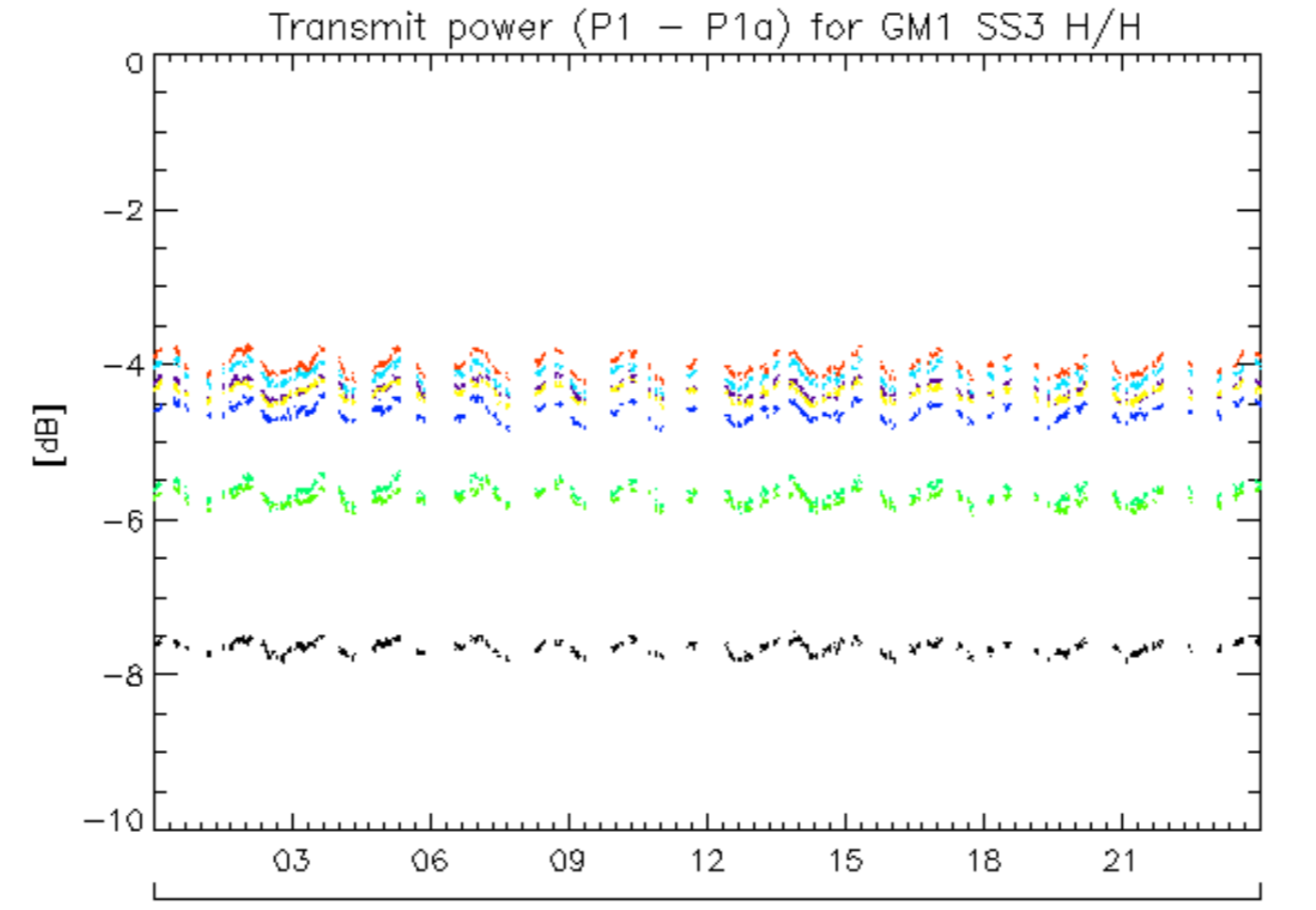




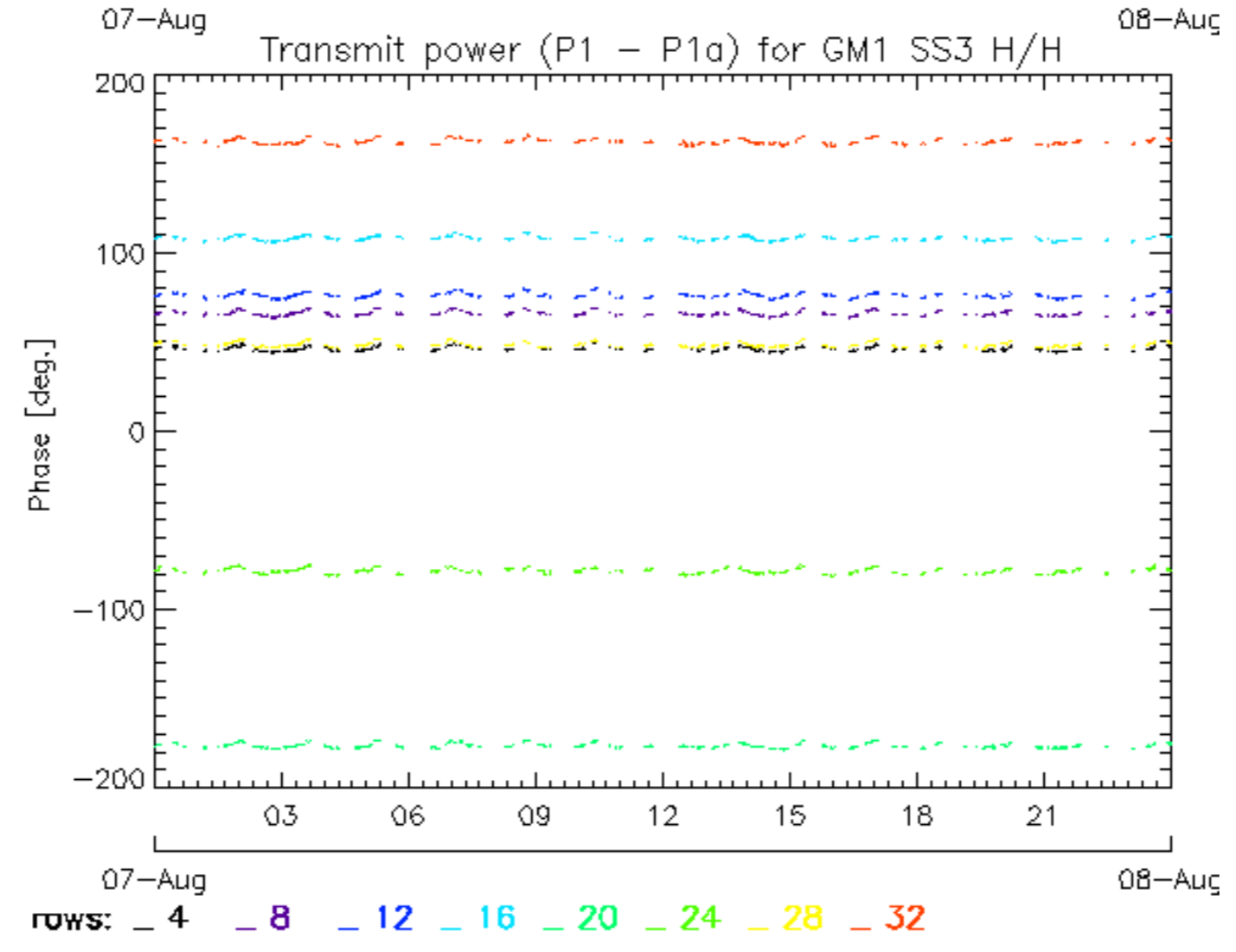
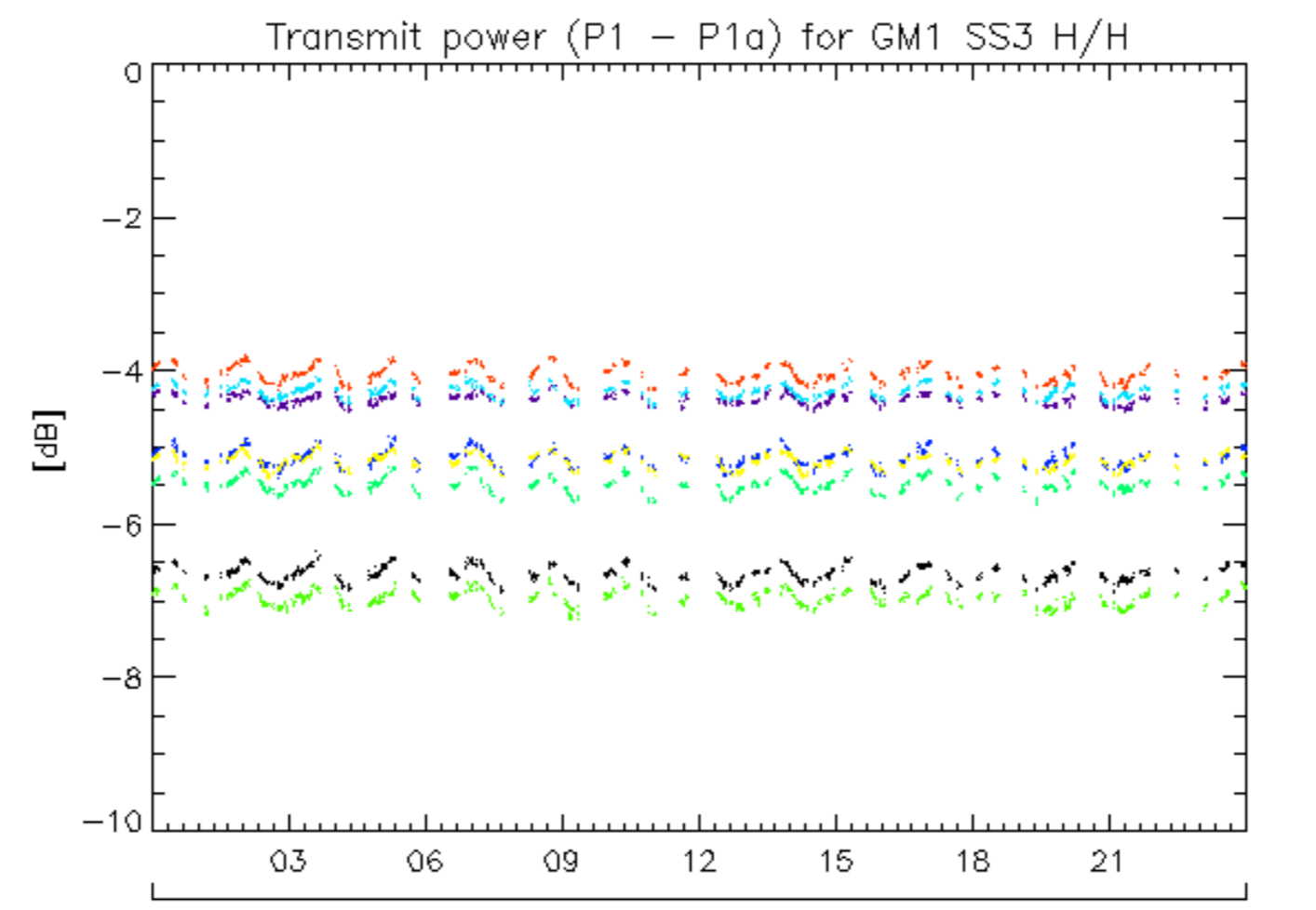


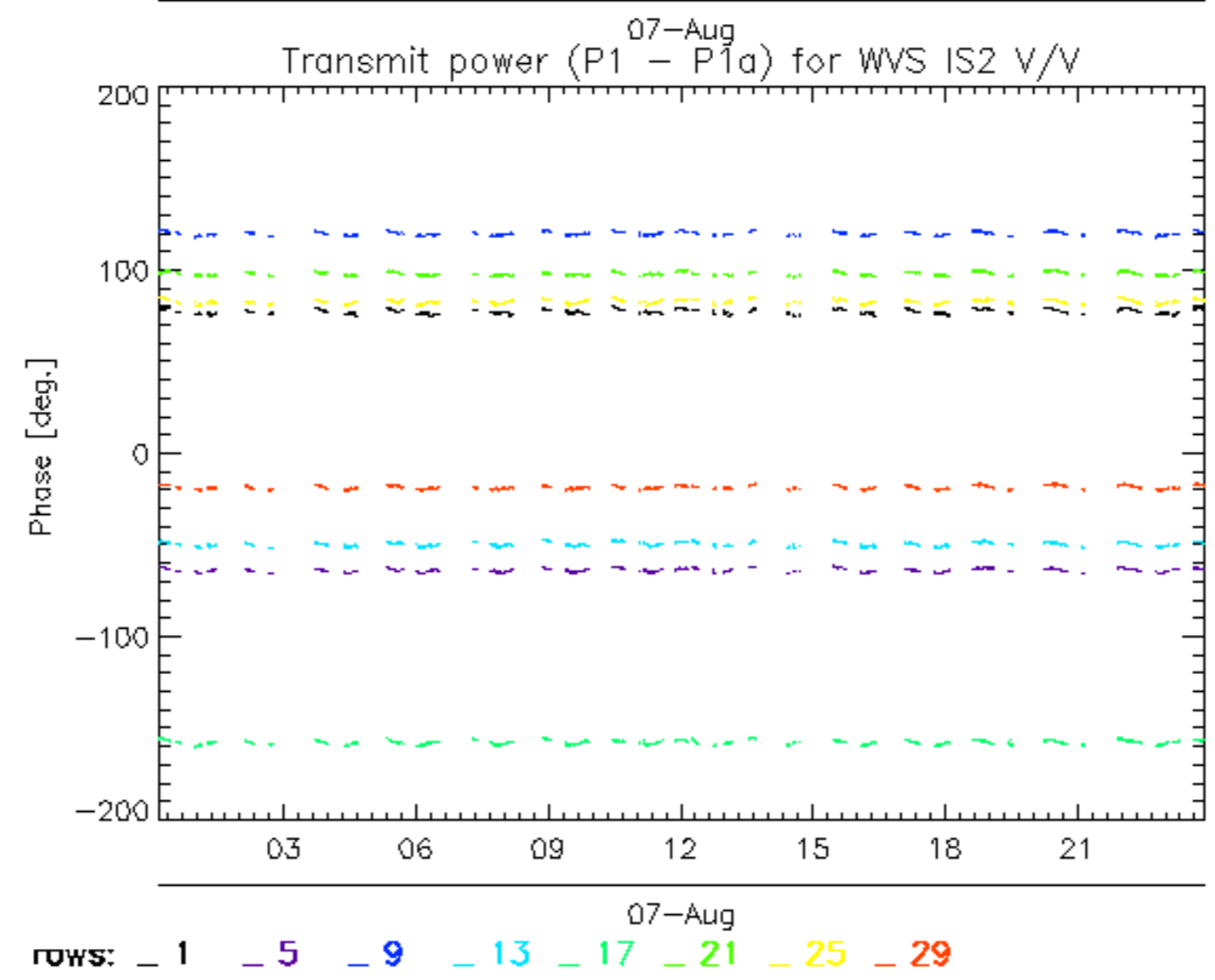
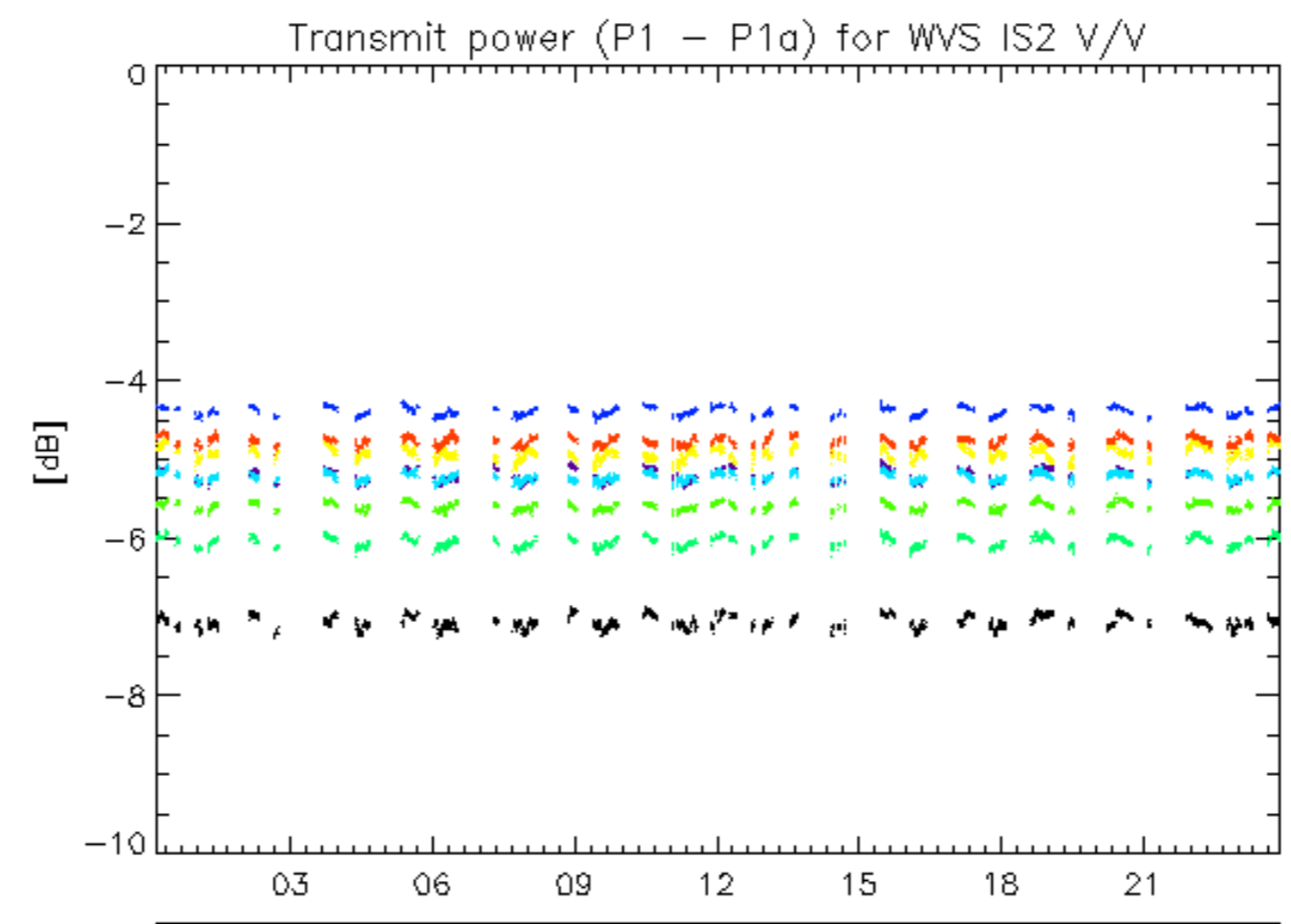


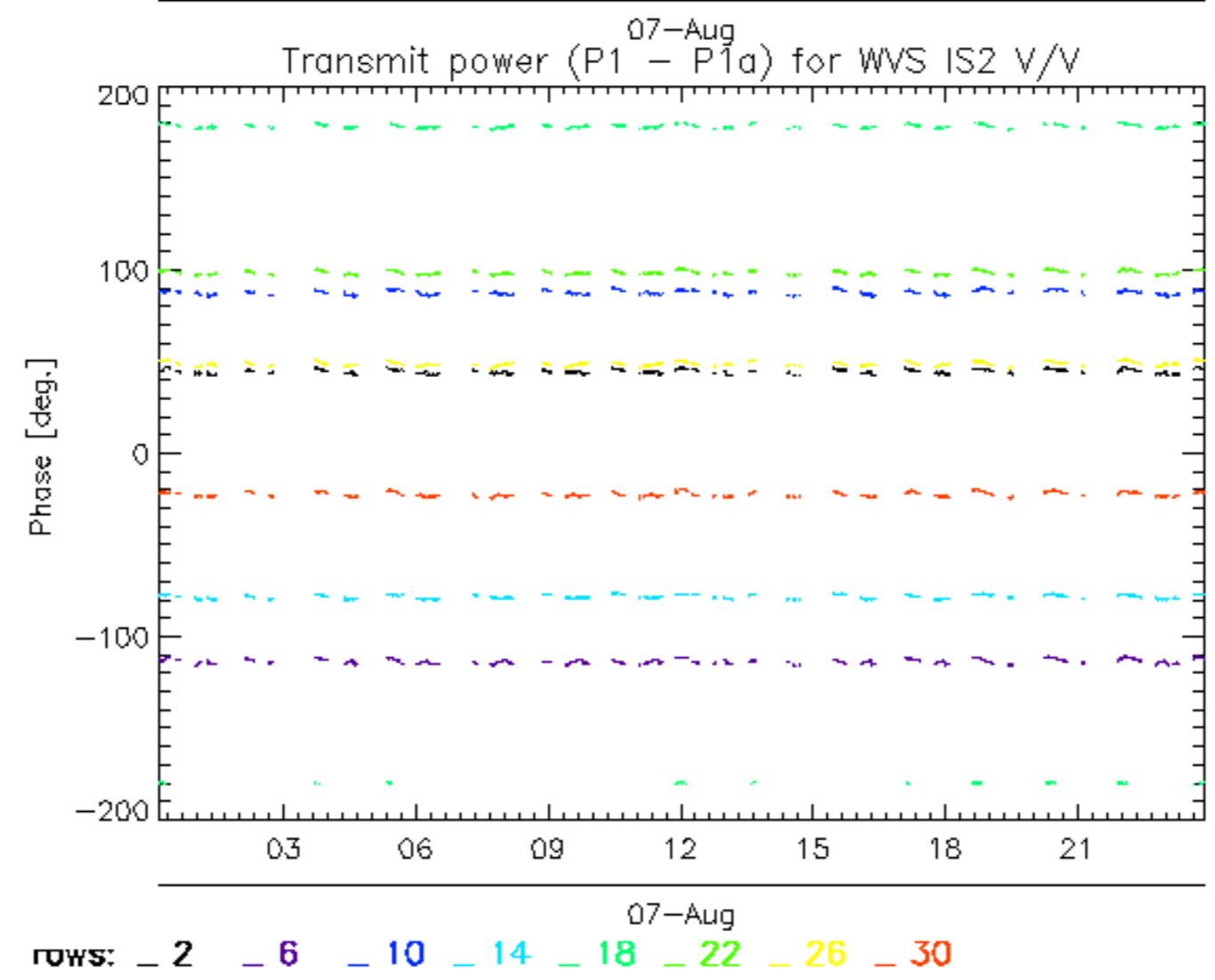
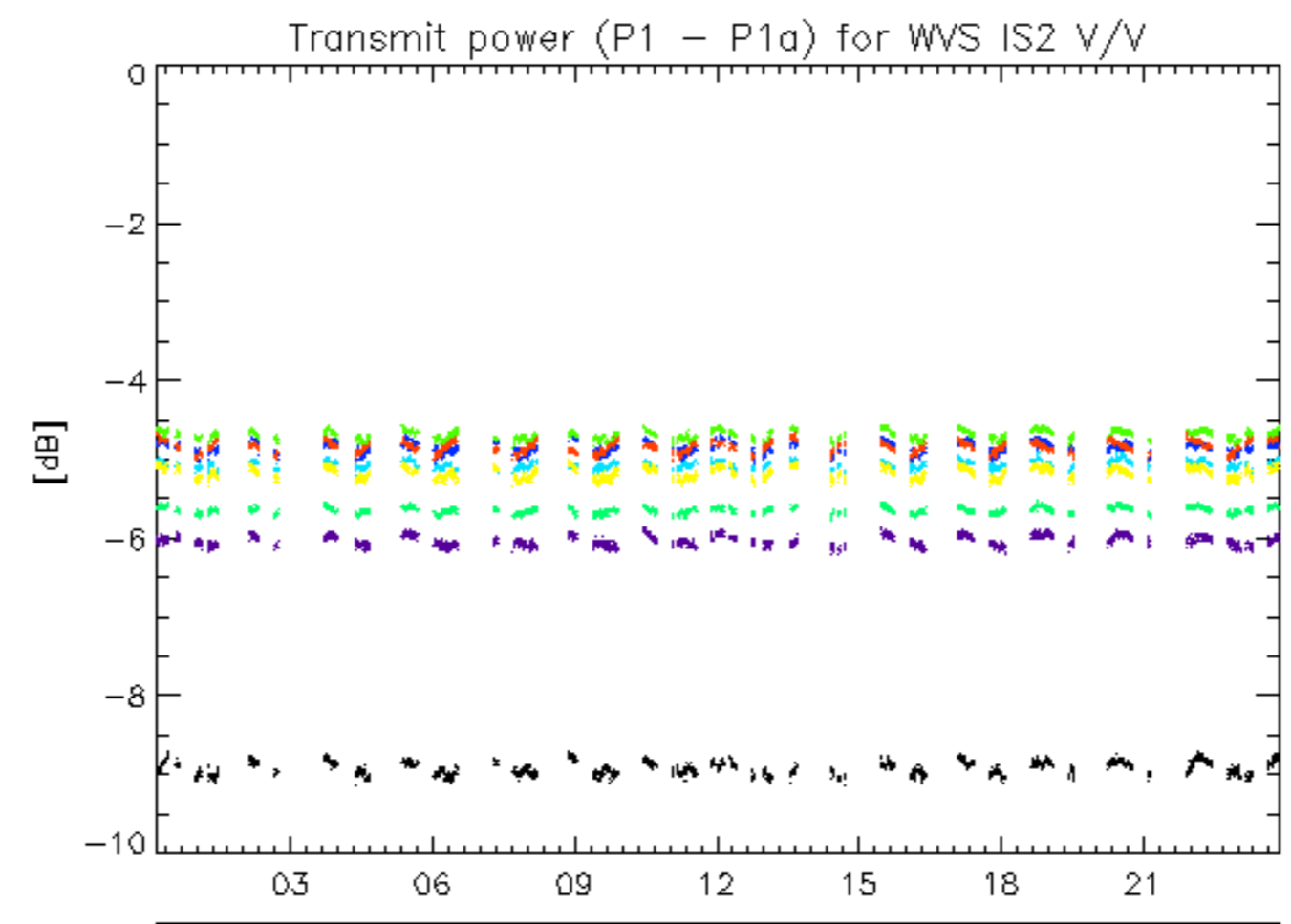


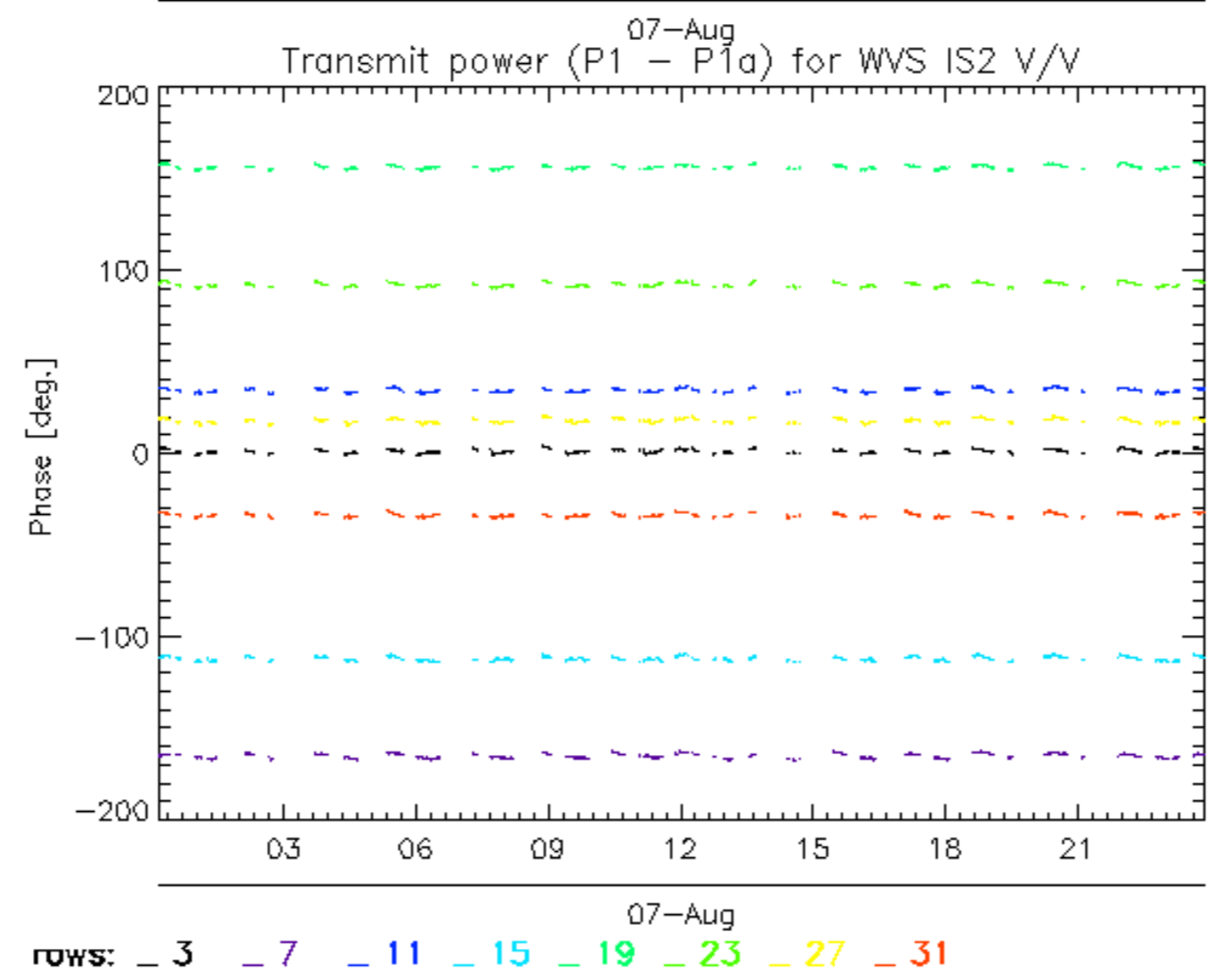
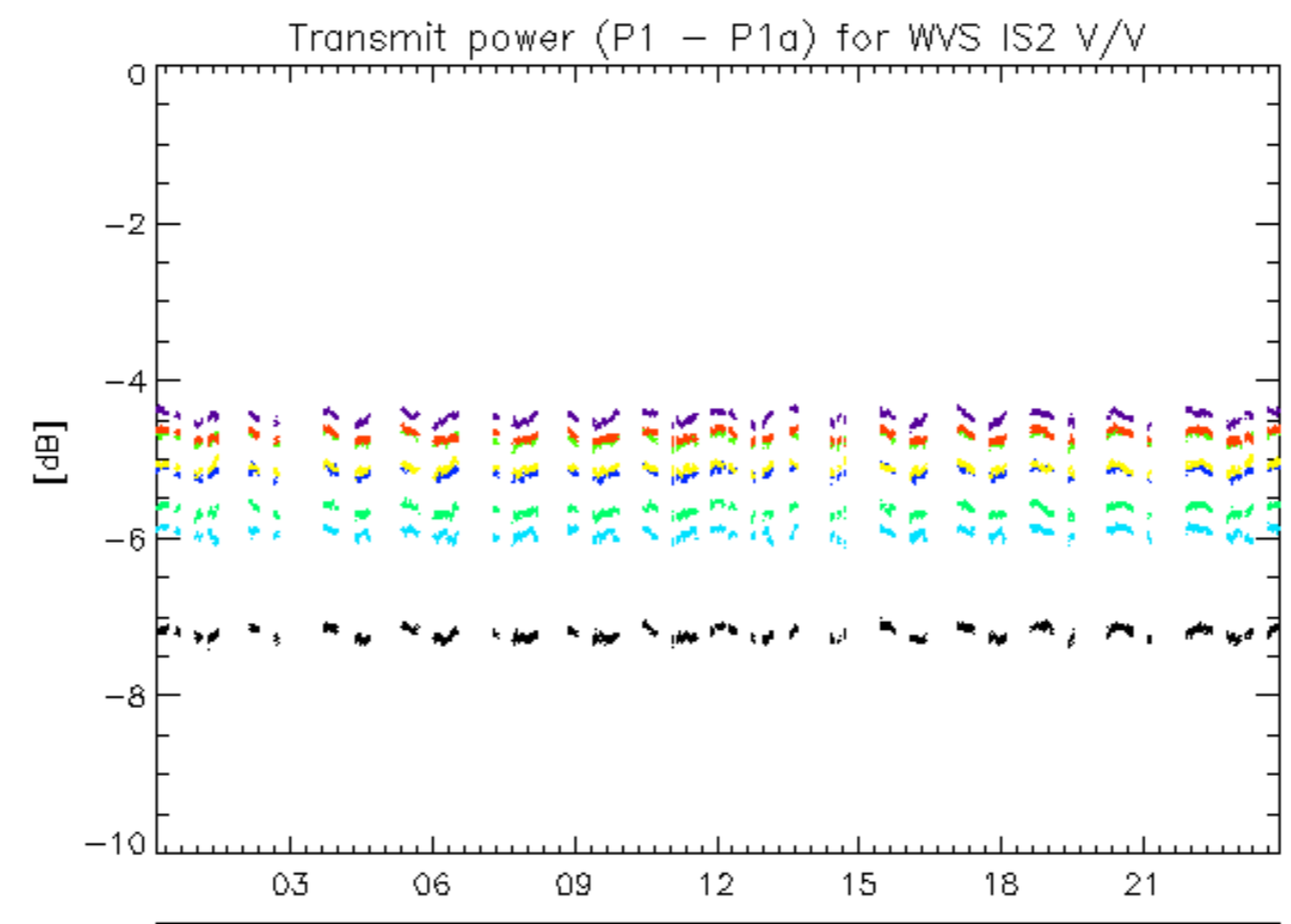


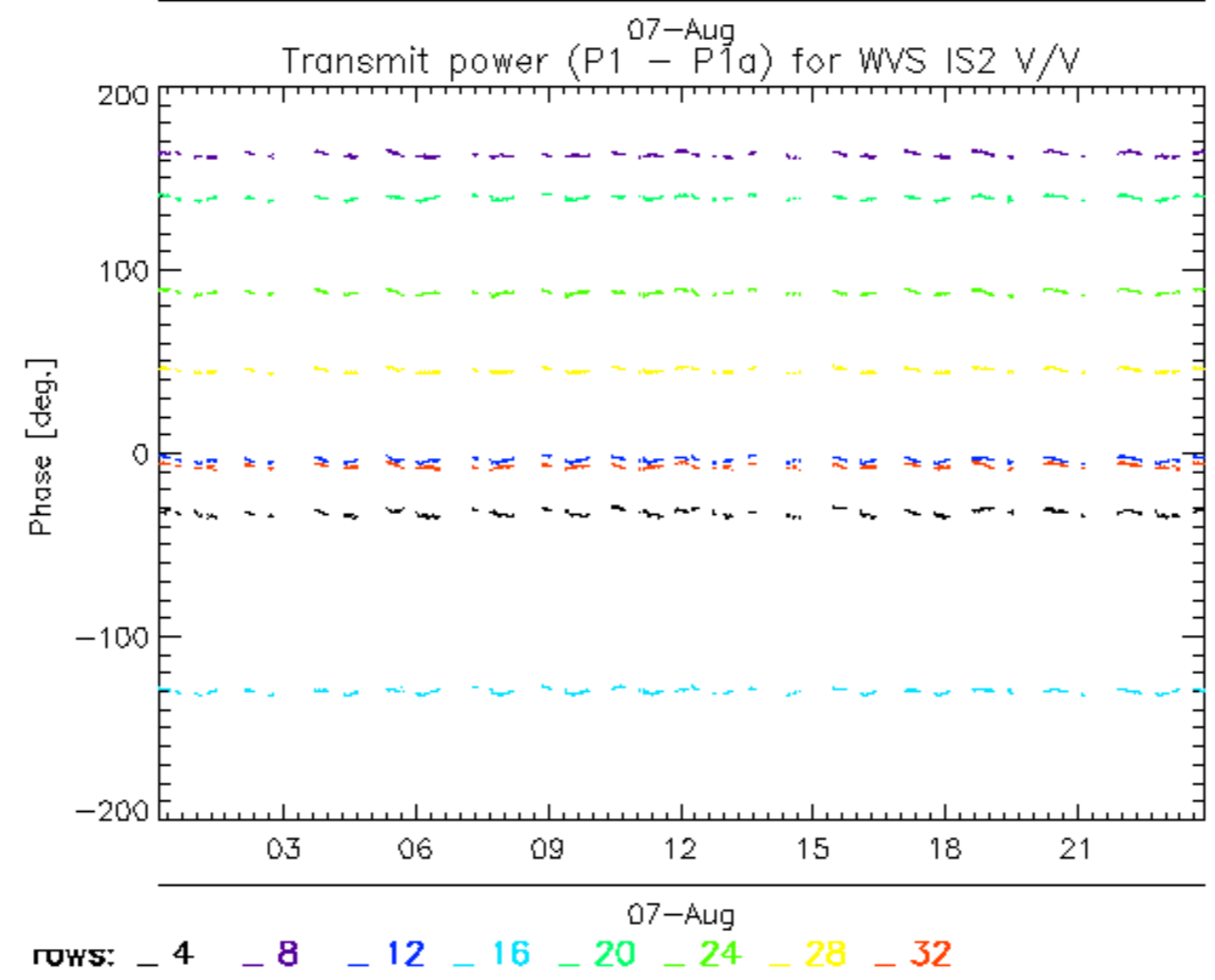
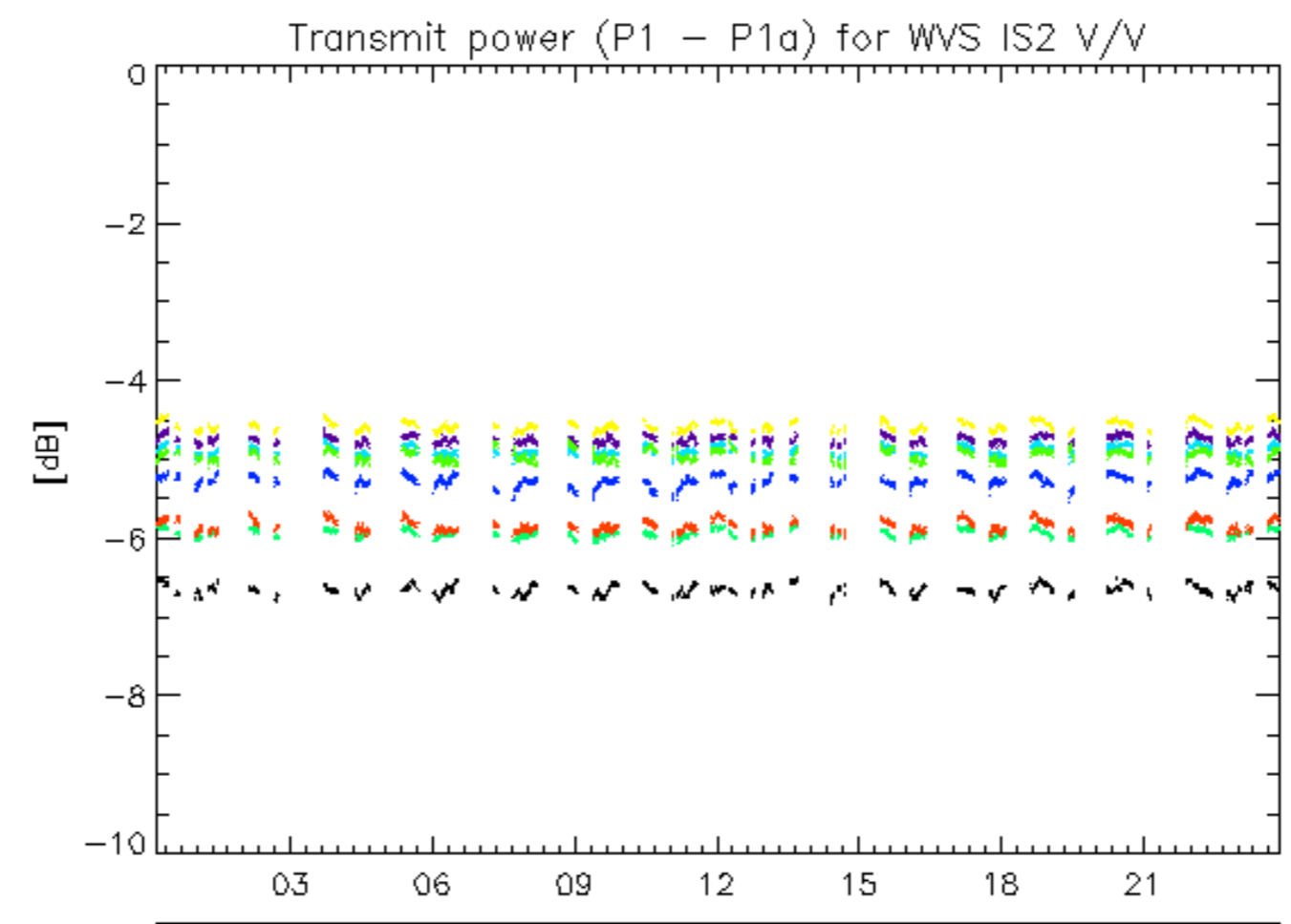
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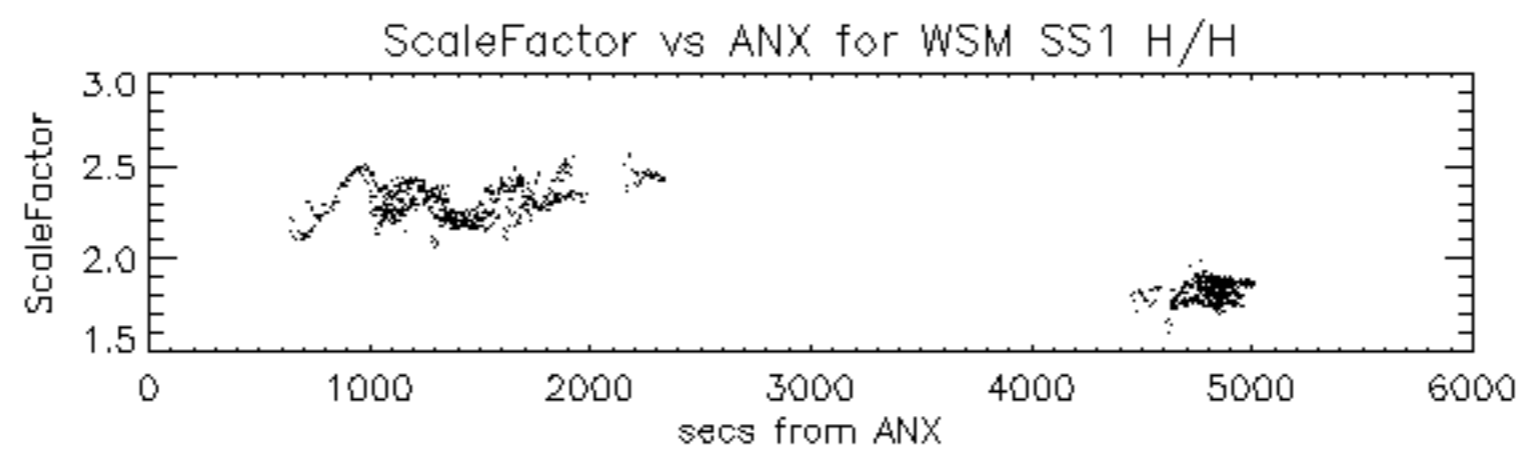


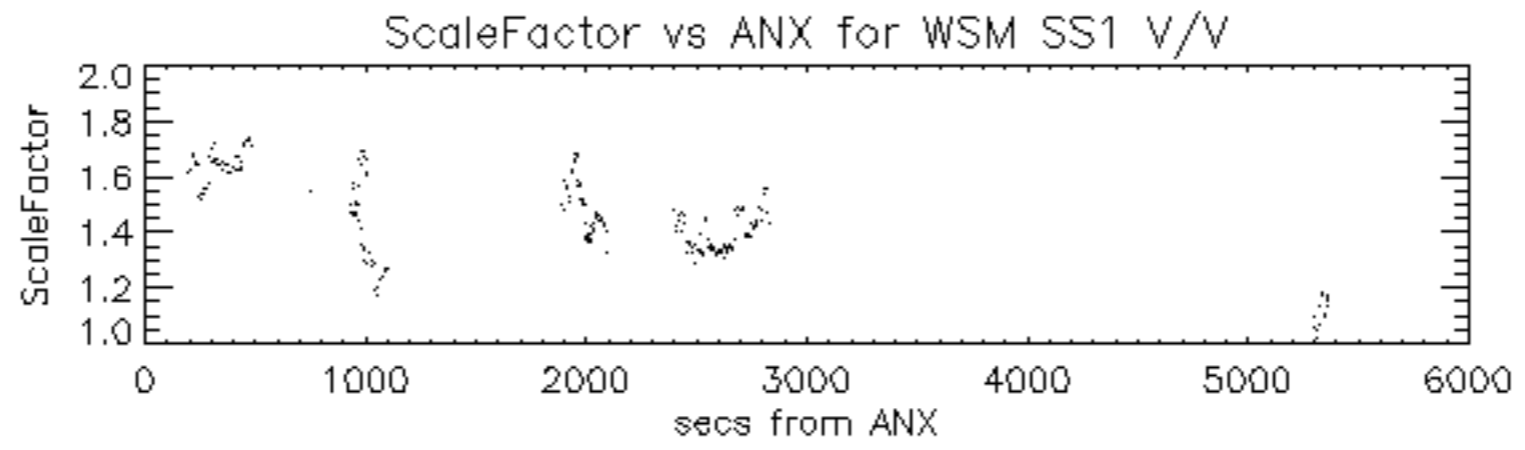


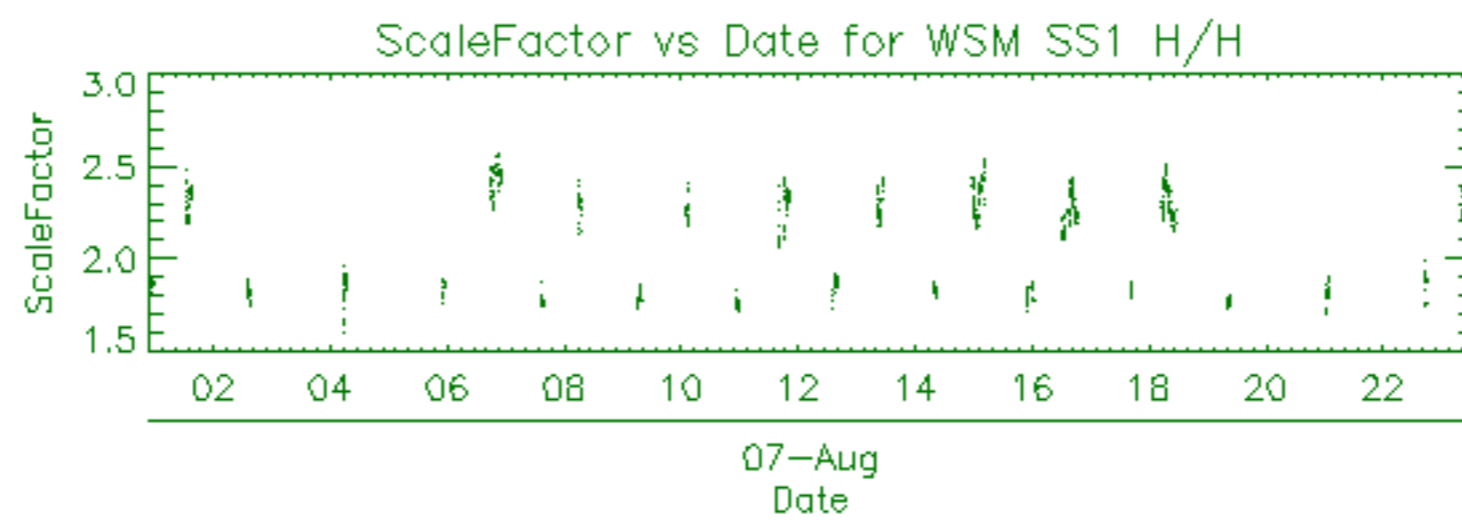


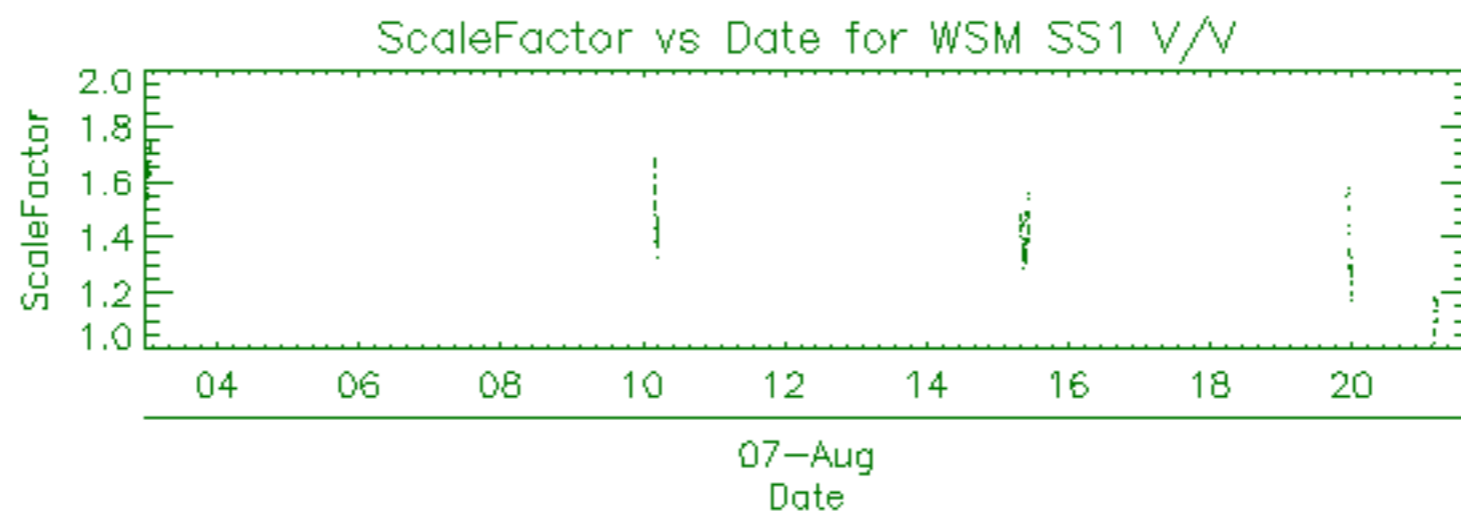












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20100807_070749_000001802091_00464_44105_2648.N1						IS4	V/V	91	44105	464	5.03
ASA_APM_1PNPDK20100807_084503_000001482091_00465_44106_3227.N1						IS4	V/H	91	44106	465	5.03
ASA_APM_1PNPDE20100807_120932_000001552091_00467_44108_2687.N1						IS4	V/V	91	44108	467	5.03
ASA_APM_1PNPDK20100807_213534_000000412091_00473_44114_3472.N1						IS7	V/H	91	44114	473	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20100806_235535_000008402091_00460_44101_2543.N1						SS1	H/H	91	44101	460	5.03
ASA_GM1_1PNPDE20100807_002522_000001082091_00460_44101_2542.N1						SS1	H/H	91	44101	460	5.03
ASA_GM1_1PNPDE20100807_002809_000003442091_00460_44101_2546.N1						SS1	H/H	91	44101	460	5.03
ASA_GM1_1PNPDE20100807_004012_000002112091_00460_44101_2548.N1						SS1	H/H	91	44101	460	5.03
ASA_GM1_1PNPDE20100807_010909_000003202091_00460_44101_2562.N1						SS1	H/H	91	44101	460	5.03
ASA_GM1_1PNPDE20100807_012911_000001142091_00461_44102_2563.N1						SS1	H/H	91	44102	461	5.03
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ASA_GM1_1PNPDE20100807_210432_000000902091_00472_44113_2775.N1	SS1	H/H	91	44113	472	5.03
ASA_GM1_1PNPDE20100807_210458_000000782091_00472_44113_2810.N1	SS1	H/H	91	44113	472	5.03
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ASA_GM1_1PNPDE20100807_214619_000004832091_00473_44114_2816.N1	SS1	H/H	91	44114	473	5.03
ASA_GM1_1PNPDE20100807_222757_000001752091_00473_44114_2819.N1	SS1	H/H	91	44114	473	5.03
ASA_GM1_1PNPDE20100807_230420_000002832091_00474_44115_2835.N1	SS1	H/H	91	44115	474	5.03
ASA_GM1_1PNPDE20100807_232612_000003022091_00474_44115_2836.N1	SS1	H/H	91	44115	474	5.03
ASA_GM1_1PNPDE20100807_233240_000003562091_00474_44115_2838.N1	SS1	H/H	91	44115	474	5.03
ASA_GM1_1PNPDE20100807_235349_000001142091_00474_44115_2839.N1	SS1	H/H	91	44115	474	5.03
ASA_GM1_1PNPDE20100807_235637_000004042091_00474_44115_2841.N1	SS1	H/H	91	44115	474	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20100807_004342_000005122091_00460_44101_2552.N1						IS2	H/H	91	44101	460	5.03
ASA_IMM_1PNPDE20100807_033248_000001742091_00462_44103_2568.N1						IS2	V/V	91	44103	462	5.03
ASA_IMM_1PNPDE20100807_040509_000000922091_00462_44103_2591.N1						IS2	H/H	91	44103	462	5.03
ASA_IMM_1PNPDE20100807_045125_000000632091_00463_44104_2623.N1						IS2	V/V	91	44104	463	5.03
ASA_IMM_1PNPDE20100807_050829_000002052091_00463_44104_2608.N1						IS2	V/V	91	44104	463	5.03
ASA_IMM_1PNPDE20100807_054506_000000922091_00463_44104_2630.N1						IS2	H/H	91	44104	463	5.03
ASA_IMM_1PNPDE20100807_054836_000000922091_00463_44104_2634.N1						IS2	H/H	91	44104	463	5.03
ASA_IMM_1PNPDE20100807_055206_000000922091_00463_44104_2635.N1						IS2	H/H	91	44104	463	5.03
ASA_IMM_1PNPDK20100807_064953_000000632091_00464_44105_3186.N1						IS2	V/V	91	44105	464	5.03
ASA_IMM_1PNPDE20100807_070234_000001422091_00464_44105_2638.N1						IS6	V/V	91	44105	464	5.03
ASA_IMM_1PNPDE20100807_072631_000000922091_00464_44105_2647.N1						IS2	H/H	91	44105	464	5.03
ASA_IMM_1PNPDK20100807_073001_000003032091_00464_44105_3216.N1						IS2	H/H	91	44105	464	5.03
ASA_IMM_1PNPDK20100807_081212_000000632091_00465_44106_3217.N1						IS2	V/V	91	44106	465	5.03
ASA_IMM_1PNPDE20100807_082920_000003742091_00465_44106_2661.N1						IS2	V/V	91	44106	465	5.03
ASA_IMM_1PNPDE20100807_101615_000000372091_00466_44107_2671.N1						IS2	V/V	91	44107	466	5.03
ASA_IMM_1PNPDE20100807_104631_000003732091_00466_44107_2673.N1						IS2	H/H	91	44107	466	5.03
ASA_IMM_1PNPDE20100807_110546_000001022091_00466_44107_2684.N1						IS2	V/V	91	44107	466	5.03
ASA_IMM_1PNPDE20100807_110749_000000532091_00466_44107_2685.N1						IS2	V/V	91	44107	466	5.03
ASA_IMM_1PNPDE20100807_122641_000000922091_00467_44108_2686.N1						IS2	H/H	91	44108	467	5.03
ASA_IMM_1PNPDE20100807_135107_000000782091_00468_44109_2715.N1						IS7	H/H	91	44109	468	5.03
ASA_IMM_1PNPDE20100807_164845_000000682091_00470_44111_2730.N1						IS2	V/V	91	44111	470	5.03
ASA_IMM_1PNPDE20100807_173100_000003022091_00470_44111_2794.N1						IS2	H/H	91	44111	470	5.03
ASA_IMM_1PNPDE20100807_173650_000001622091_00470_44111_2728.N1						IS2	H/H	91	44111	470	5.03
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ASA_IMM_1PNPDE20100807_191656_000001622091_00471_44112_2797.N1						IS2	H/H	91	44112	471	5.03
ASA_IMM_1PNPDK20100807_195437_000000922091_00472_44113_3443.N1						IS2	V/V	91	44113	472	5.03
ASA_IMM_1PNPDE20100807_200920_000000992091_00472_44113_2791.N1						IS2	V/V	91	44113	472	5.03
ASA_IMM_1PNPDE20100807_202553_000000452091_00472_44113_2790.N1						IS1	V/V	91	44113	472	5.03
ASA_IMM_1PNPDE20100807_205658_000002332091_00472_44113_2780.N1						IS2	H/H	91	44113	472	5.03
ASA_IMM_1PNPDK20100807_214245_000002022091_00473_44114_3475.N1						IS2	H/H	91	44114	473	5.03
ASA_IMM_1PNPDE20100807_215720_000000392091_00473_44114_2829.N1						IS2	V/V	91	44114	473	5.03
ASA_IMM_1PNPDE20100807_223051_000002322091_00473_44114_2831.N1						IS2	H/H	91	44114	473	5.03
ASA_IMM_1PNPDE20100807_223531_000003562091_00473_44114_2827.N1						IS2	H/H	91	44114	473	5.03
ASA_IMM_1PNPDK20100807_232210_000000922091_00474_44115_3487.N1						IS2	H/H	91	44115	474	5.03
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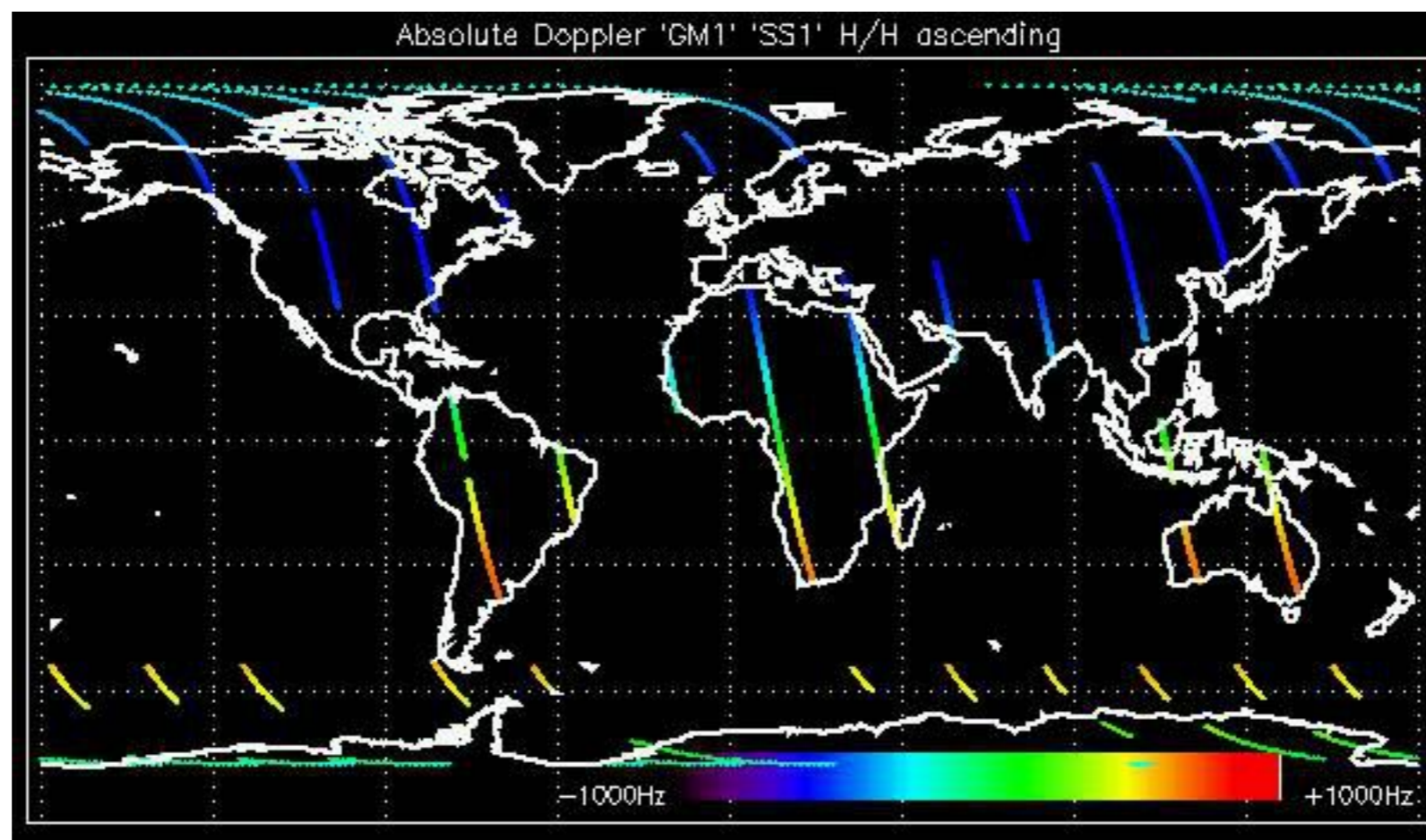
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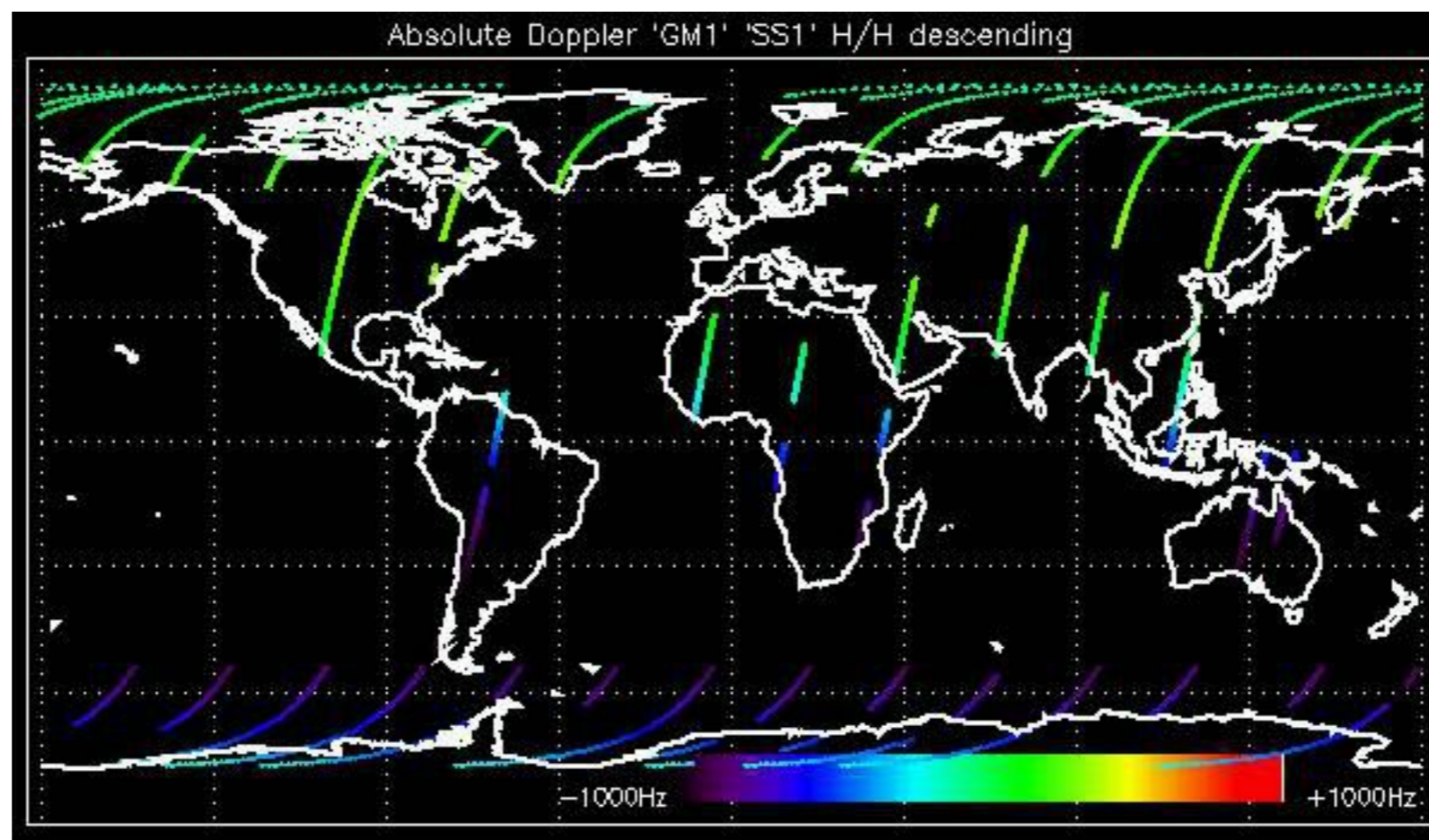


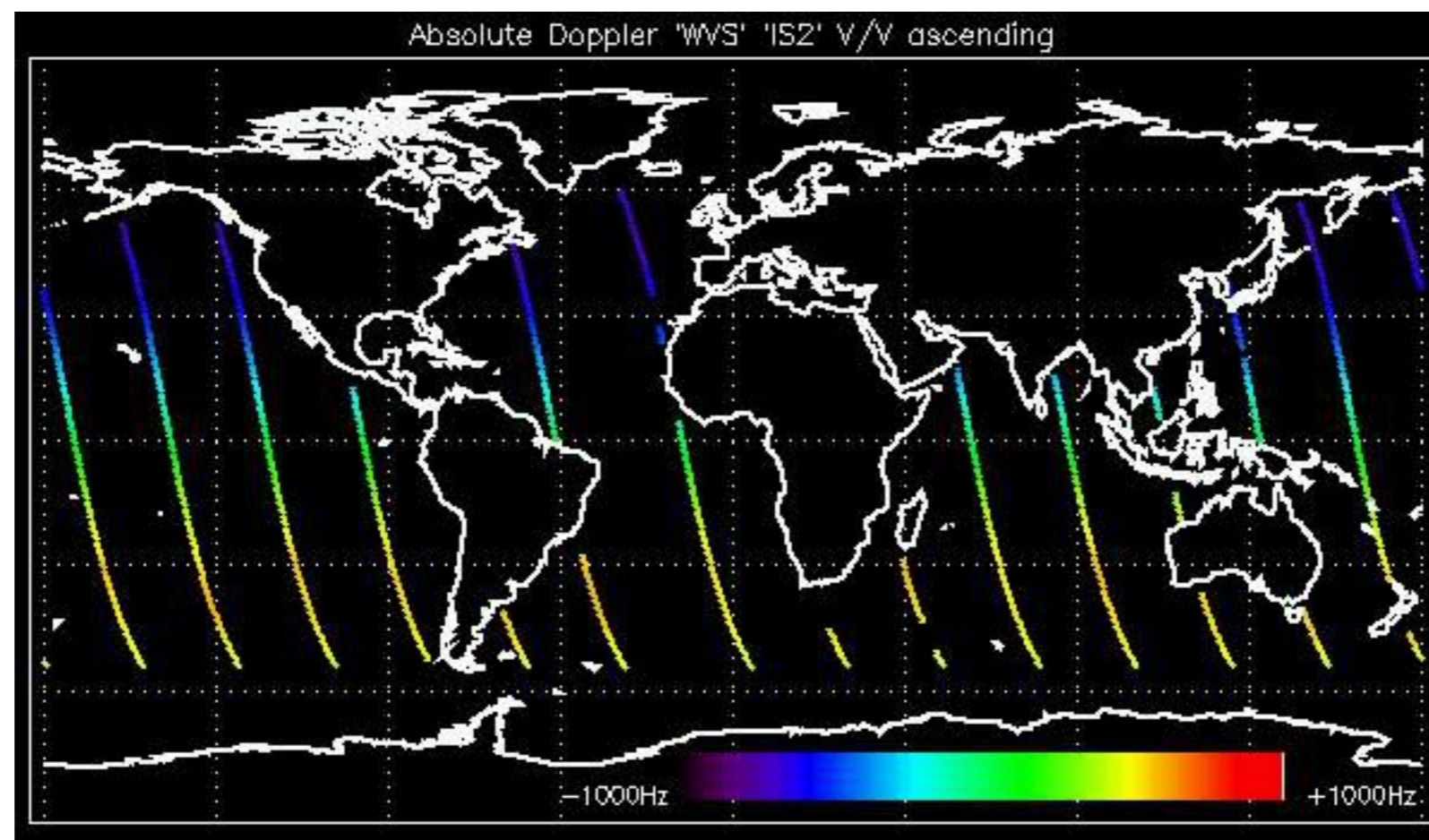
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ASA_WSM_1PNPDE20100807_023403_000002322091_00461_44102_2588.N1						SS1	H/H	91	44102	461	5.03
ASA_WSM_1PNPDK20100807_025848_000003062091_00462_44103_3800.N1						SS1	V/V	91	44103	462	5.03
ASA_WSM_1PNPDE20100807_041219_000003062091_00462_44103_2611.N1						SS1	H/H	91	44103	462	5.03
ASA_WSM_1PNPDE20100807_055448_000001472091_00463_44104_2636.N1						SS1	H/H	91	44104	463	5.03
ASA_WSM_1PNPDK20100807_064356_000003062091_00464_44105_3185.N1						SS1	H/H	91	44105	464	5.03
ASA_WSM_1PNPDE20100807_065239_000002022091_00464_44105_2633.N1						SS1	H/H	91	44105	464	5.03
ASA_WSM_1PNPDK20100807_073613_000001282091_00464_44105_3212.N1						SS1	H/H	91	44105	464	5.03
ASA_WSM_1PNPDK20100807_081424_000001592091_00465_44106_3220.N1						SS1	H/H	91	44106	465	5.03
ASA_WSM_1PNPDK20100807_091428_000003002091_00465_44106_3236.N1						SS1	H/H	91	44106	465	5.03
ASA_WSM_1PNPDE20100807_100455_000001222091_00466_44107_2670.N1						SS1	H/H	91	44107	466	5.03
ASA_WSM_1PNPDE20100807_100919_000002142091_00466_44107_2672.N1						SS1	V/V	91	44107	466	5.03
ASA_WSM_1PNPDK20100807_101020_000001712091_00466_44107_3239.N1						SS1	V/V	91	44107	466	5.03
ASA_WSM_1PNPDE20100807_105501_000002692091_00466_44107_2688.N1						SS1	H/H	91	44107	466	5.03
ASA_WSM_1PNPDE20100807_113948_000000982091_00467_44108_2682.N1						SS1	H/H	91	44108	467	5.03
ASA_WSM_1PNPDK20100807_114515_000004042091_00467_44108_3267.N1						SS1	H/H	91	44108	467	5.03
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ASA_WSM_1PNPDK20100807_163704_000006062091_00470_44111_3630.N1						SS1	H/H	91	44111	470	5.03
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ASA_WSM_1PNPDK20100807_195404_000000182091_00472_44113_3441.N1						SS1	V/V	91	44113	472	5.03
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ASA_WSM_1PNPDE20100807_210149_000001592091_00472_44113_2787.N1						SS1	H/H	91	44113	472	5.03
ASA_WSM_1PNPDE20100807_210946_000000922091_00472_44113_2789.N1						SS1	V/V	91	44113	472	5.03
ASA_WSM_1PNPDK20100807_213742_000000862091_00473_44114_3474.N1						SS1	V/V	91	44114	473	5.03
ASA_WSM_1PNPDE20100807_224137_000002452091_00473_44114_2832.N1						SS1	H/H	91	44114	473	5.03
ASA_WSM_1PNPDK20100807_232002_000001222091_00474_44115_3485.N1						SS1	H/H	91	44115	474	5.03
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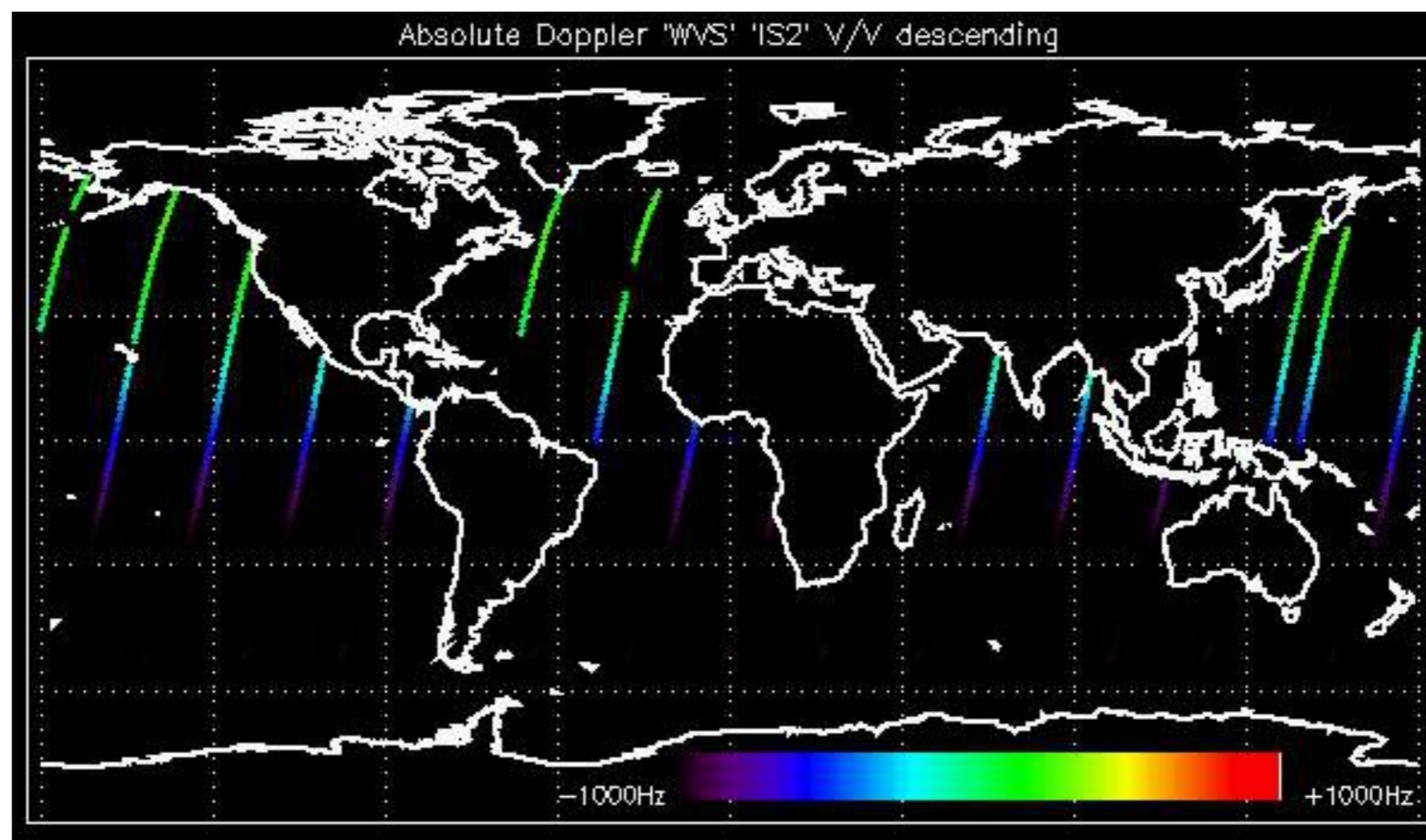
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ASA_WVS_1PNPDE20100807_020750_000007342091_00461_44102_2573.N1						IS2	V/V	91	44102	461	5.03
ASA_WVS_1PNPDE20100807_023949_000002252091_00461_44102_2582.N1						IS2	V/V	91	44102	461	5.03
ASA_WVS_1PNPDE20100807_034127_000001042091_00462_44103_2585.N1						IS2	V/V	91	44103	462	5.03
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ASA_WVS_1PNPDE20100807_042049_000011092091_00462_44103_2613.N1						IS2	V/V	91	44103	462	5.03
ASA_WVS_1PNPDE20100807_052048_000010042091_00463_44104_2625.N1						IS2	V/V	91	44104	463	5.03
ASA_WVS_1PNPDE20100807_053718_000000452091_00463_44104_2637.N1						IS2	V/V	91	44104	463	5.03
ASA_WVS_1PNPDE20100807_054026_000000452091_00463_44104_2644.N1						IS2	V/V	91	44104	463	5.03
ASA_WVS_1PNPDE20100807_060101_000017992091_00463_44104_2653.N1						IS2	V/V	91	44104	463	5.03
ASA_WVS_1PNPDE20100807_071620_000001652091_00464_44105_2652.N1						IS2	V/V	91	44105	464	5.03
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ASA_WVS_1PNPDK20100807_085051_000006892091_00465_44106_3229.N1						IS2	V/V	91	44106	465	5.03
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ASA_WVS_1PNPDK20100807_160437_000011842091_00469_44110_4156.N1						IS2	V/V	91	44110	469	5.03
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ASA_WVS_1PNPDK20100807_170454_000012292091_00470_44111_3422.N1						IS2	V/V	91	44111	470	5.03
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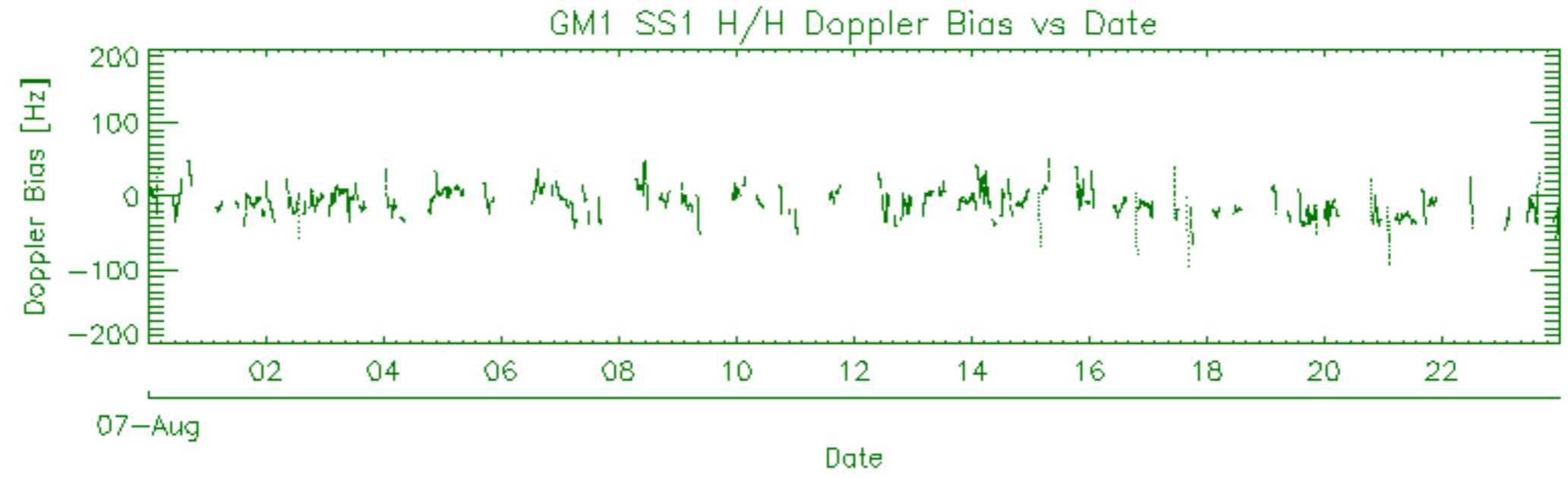
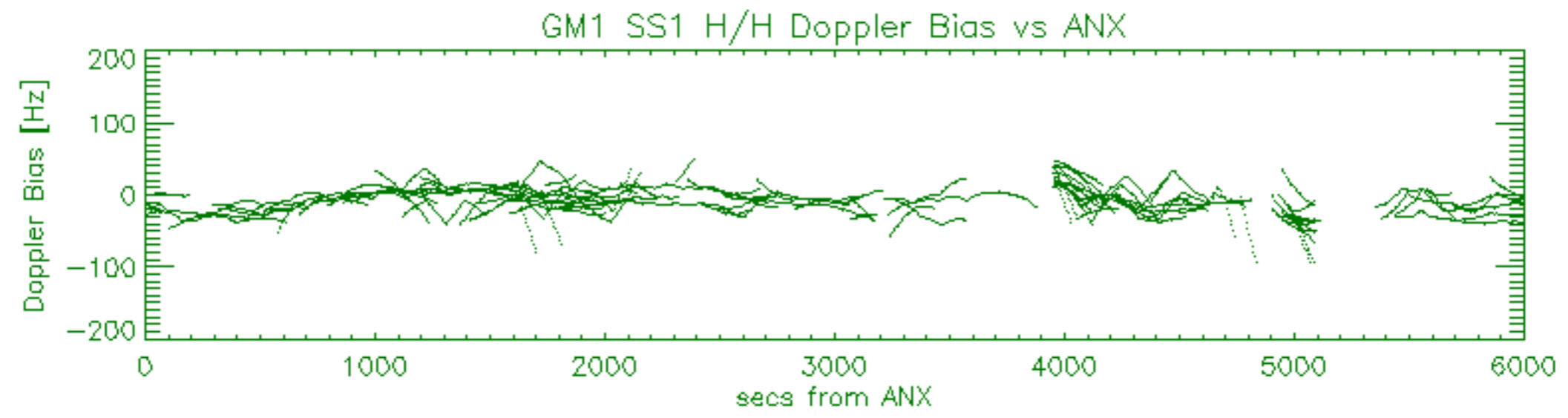
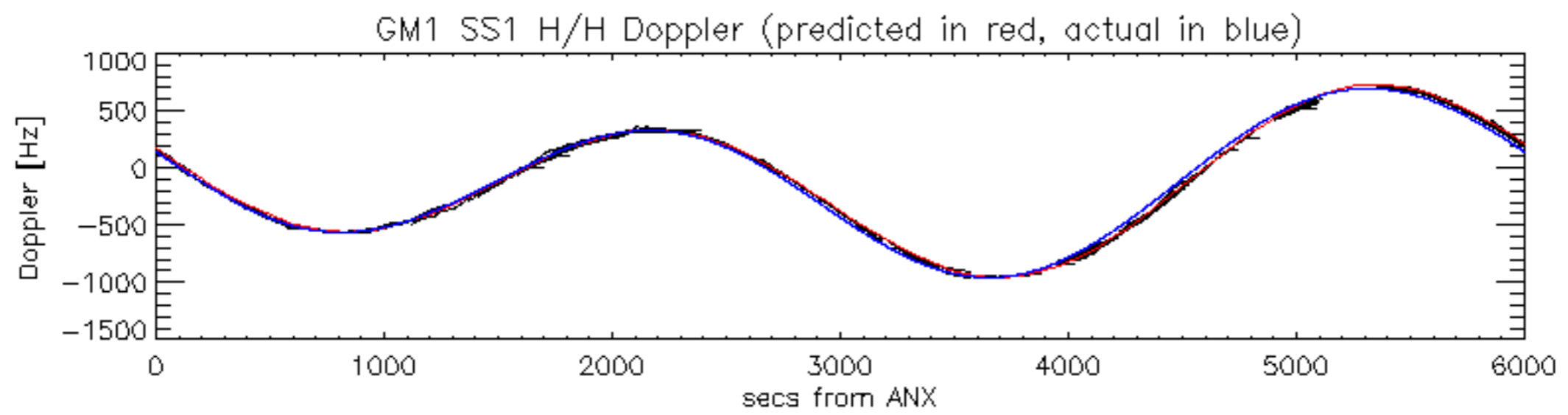


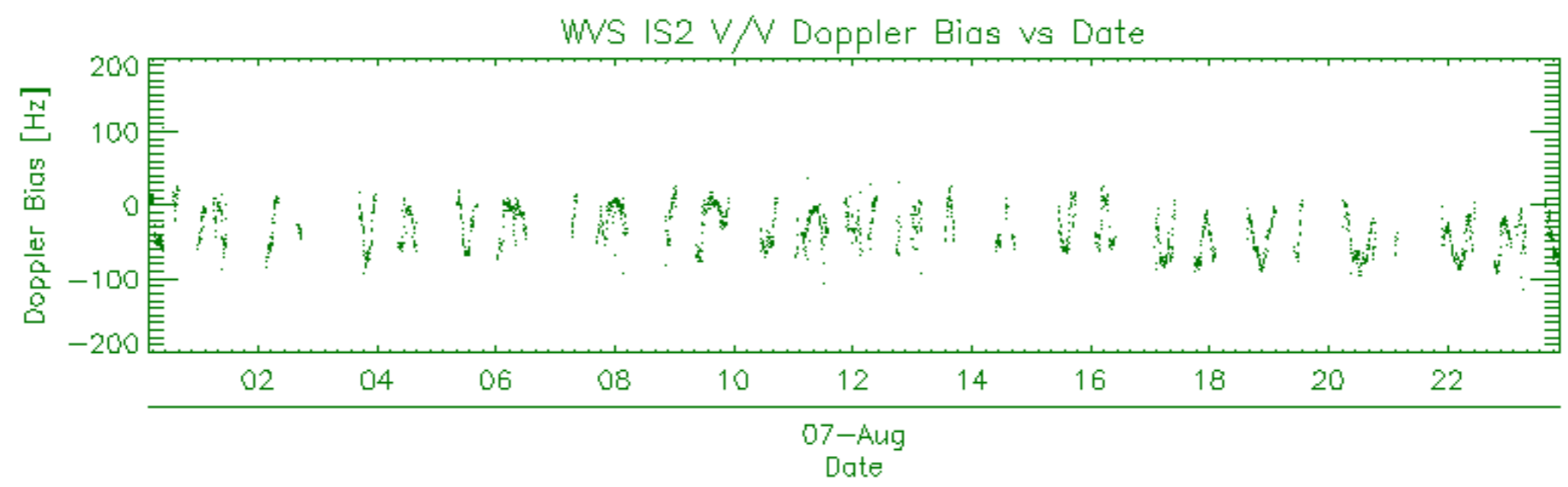
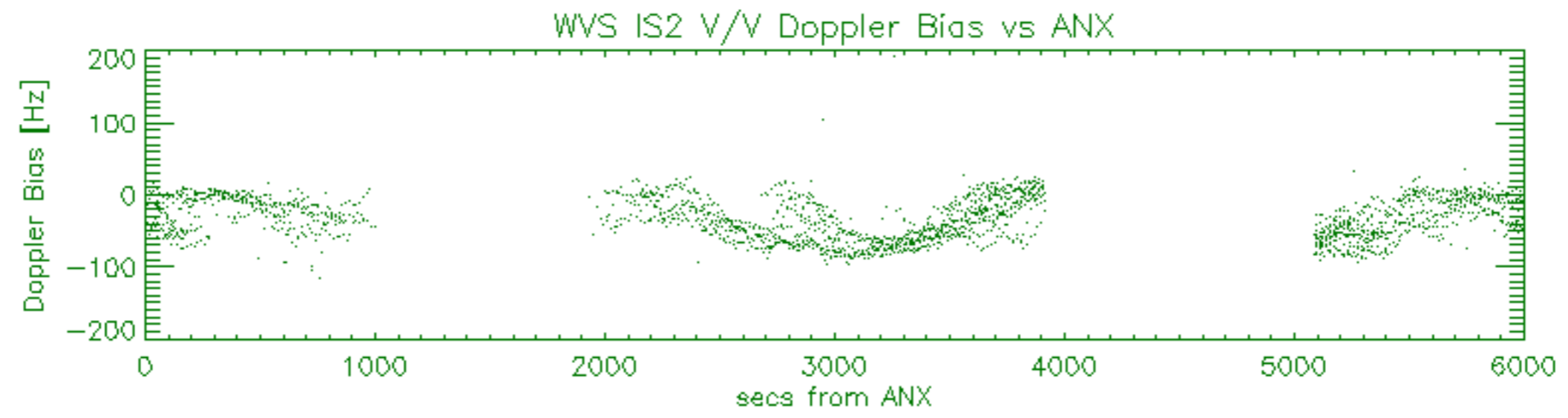
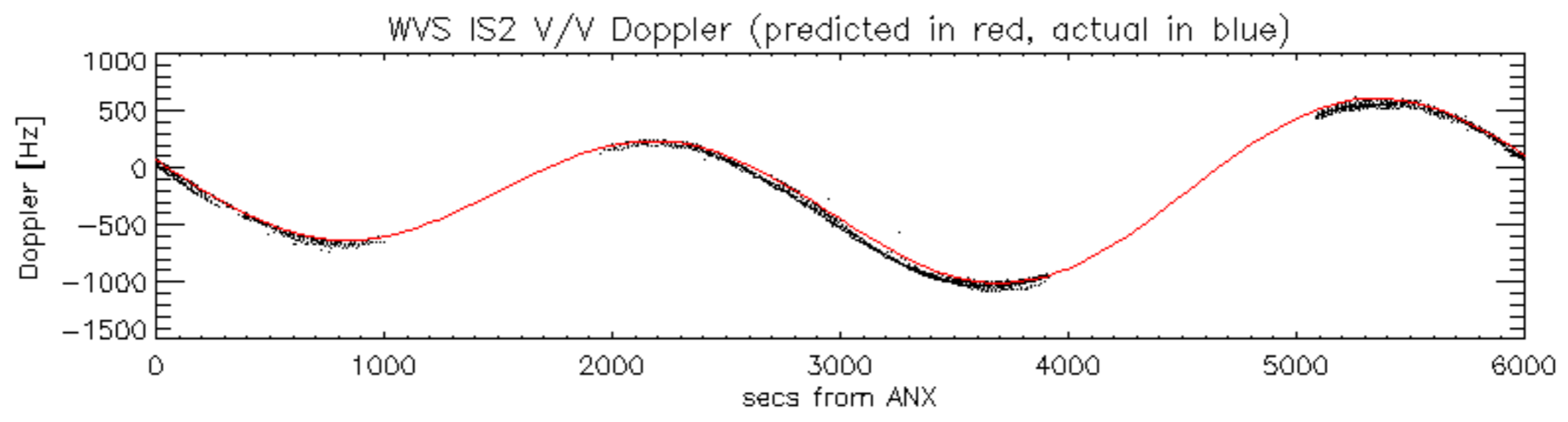


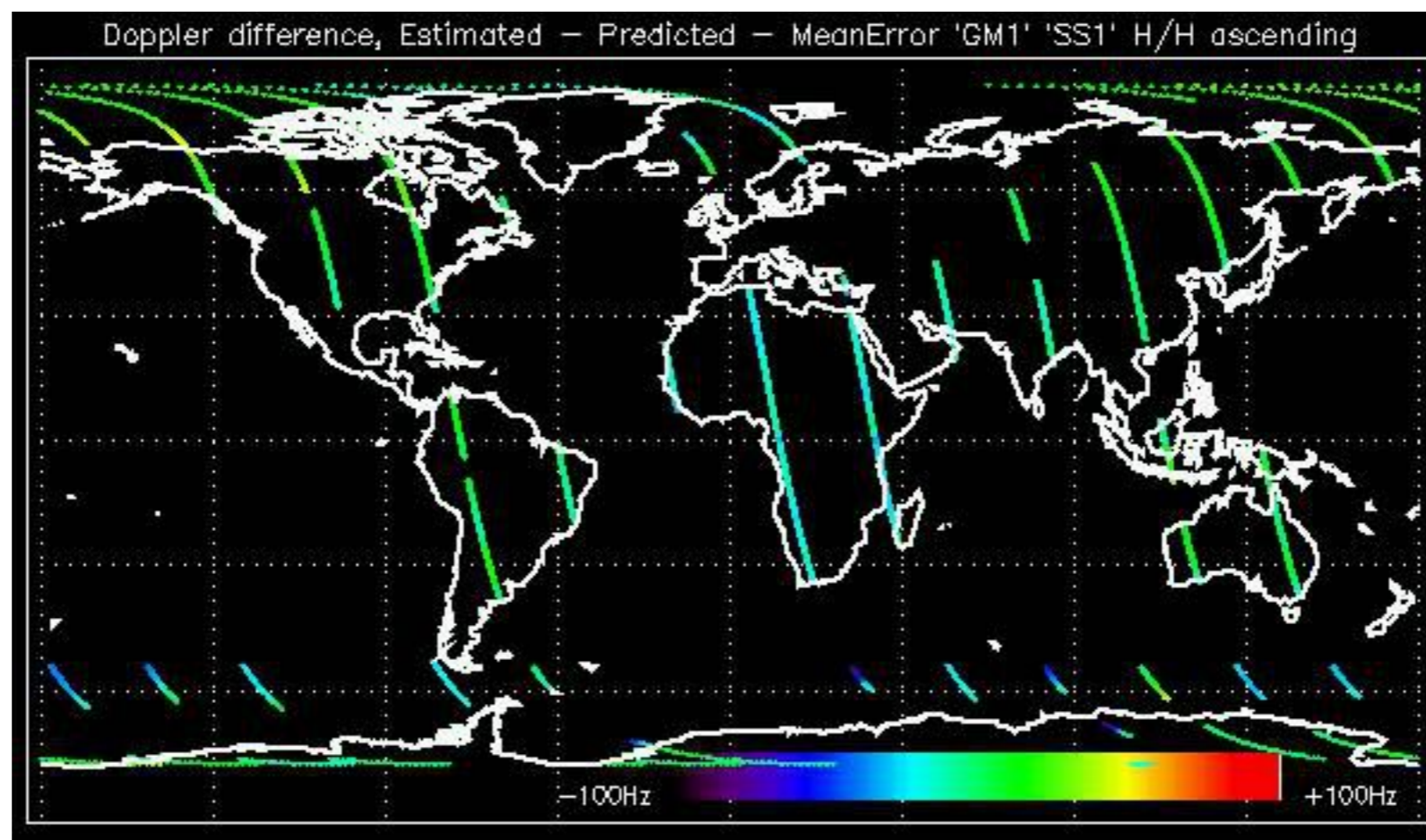


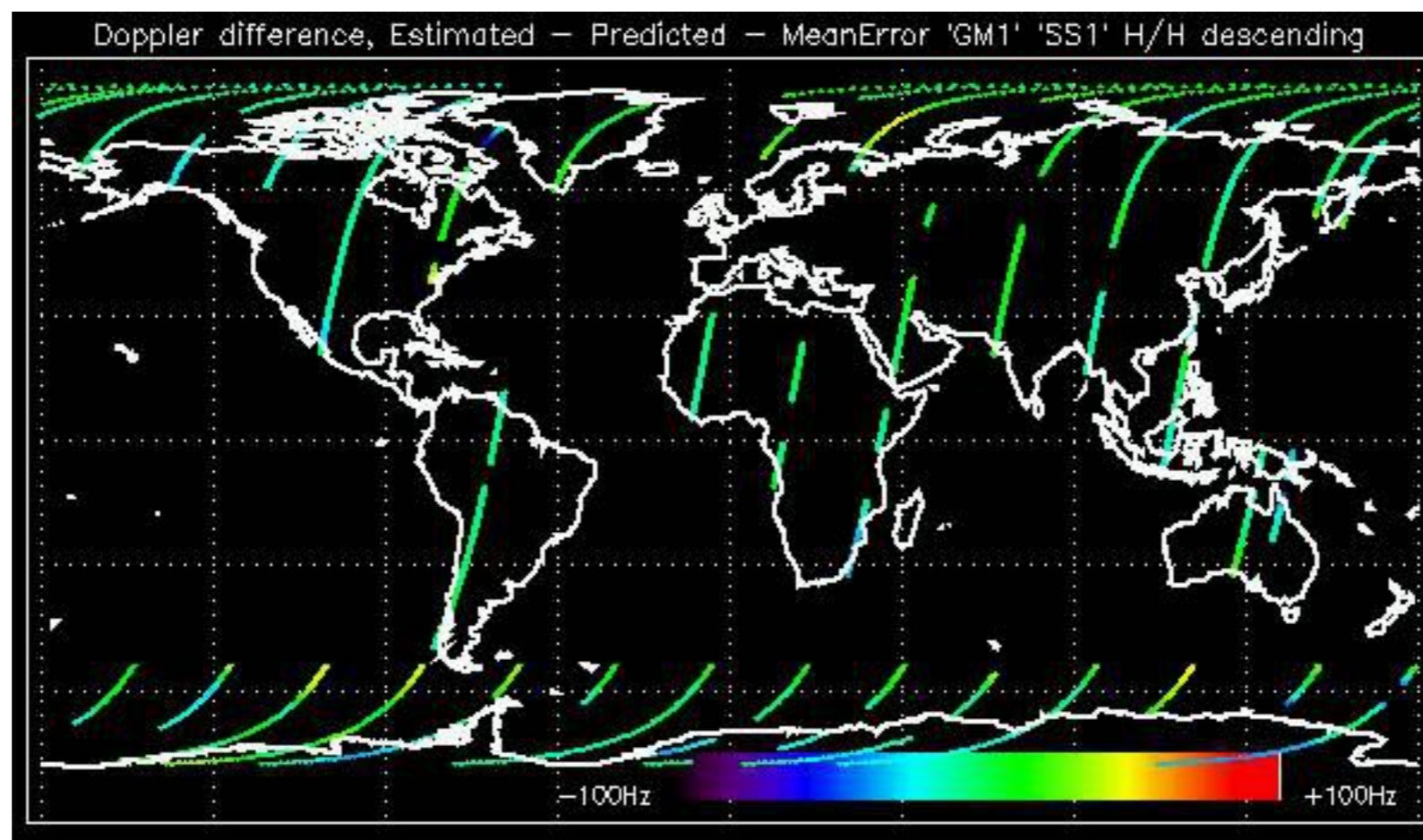


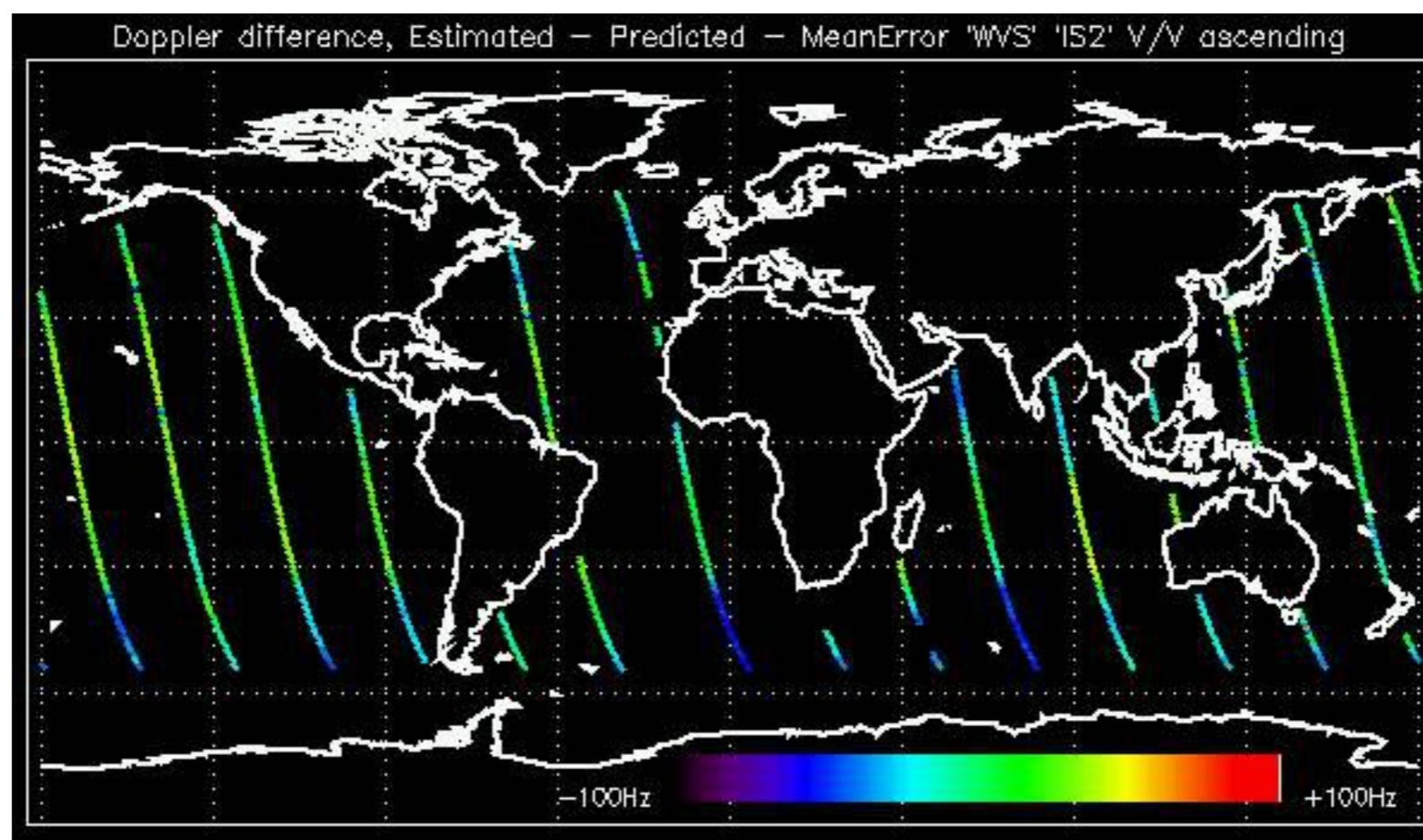


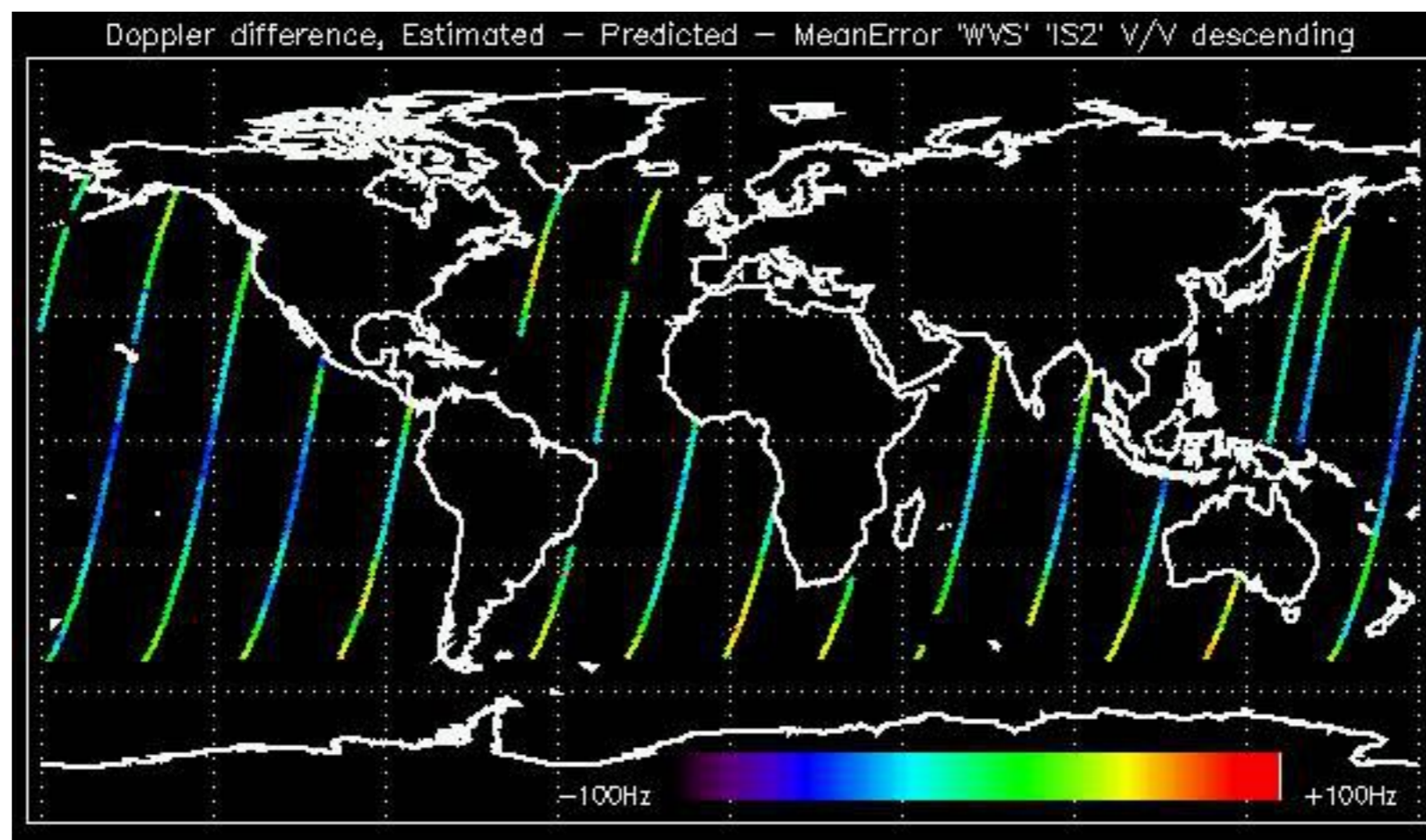


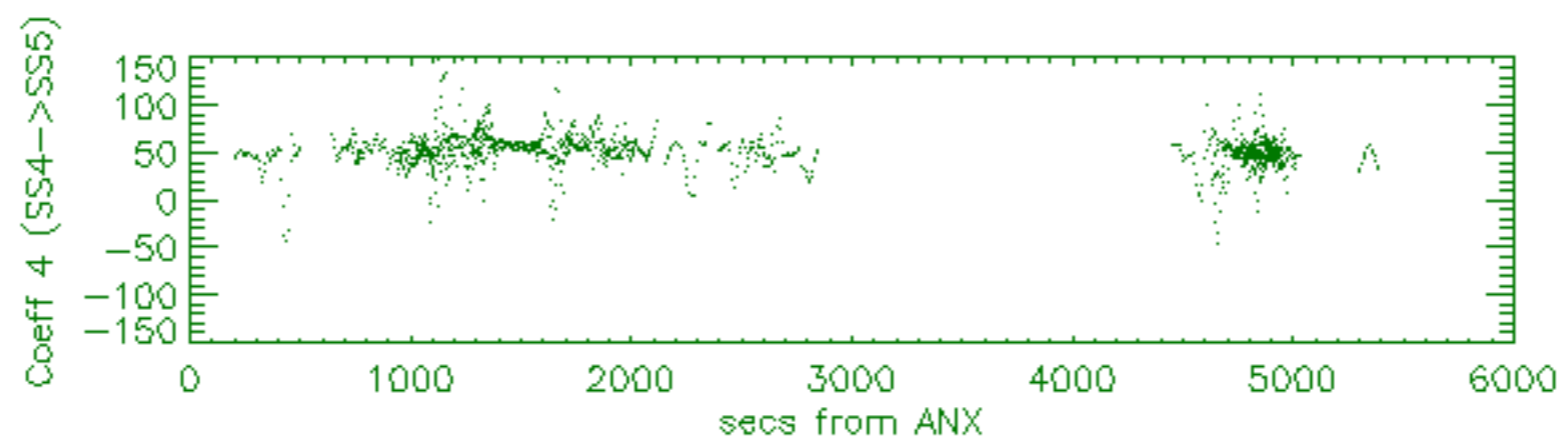
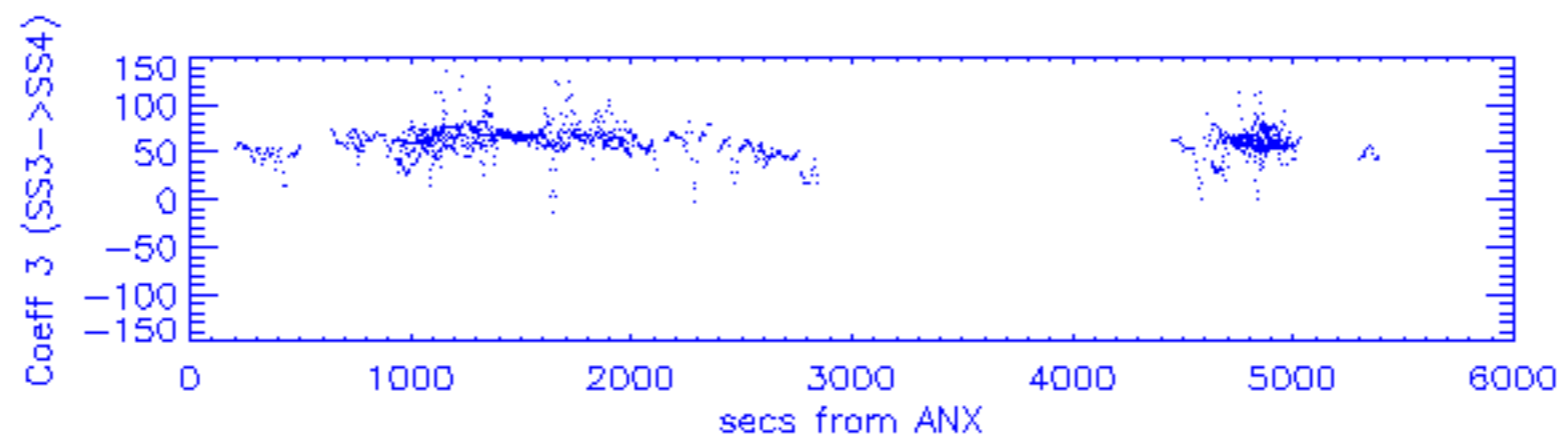
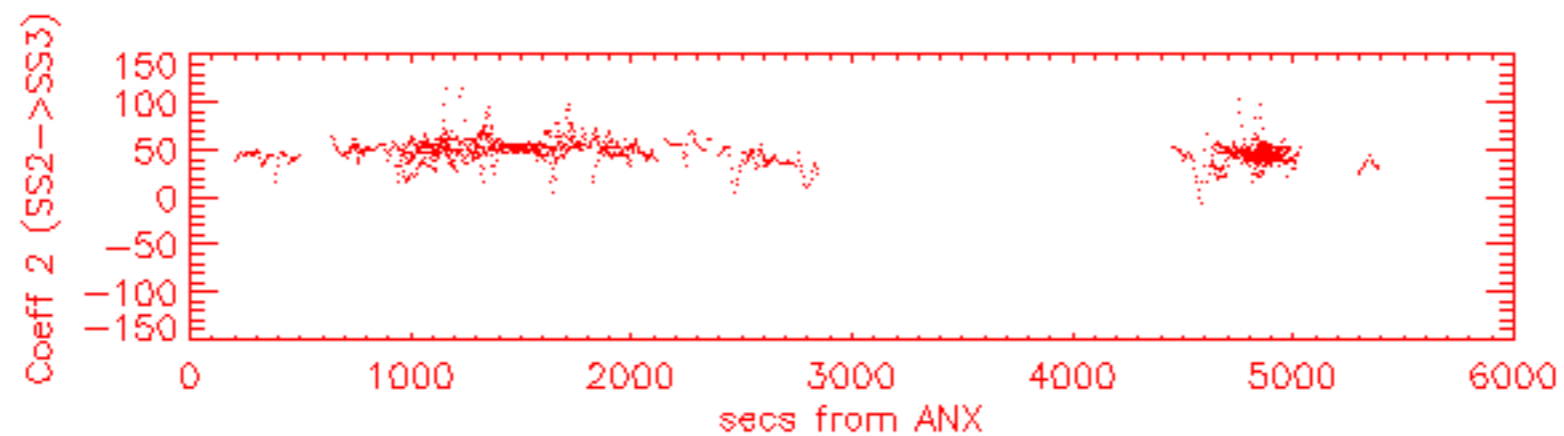
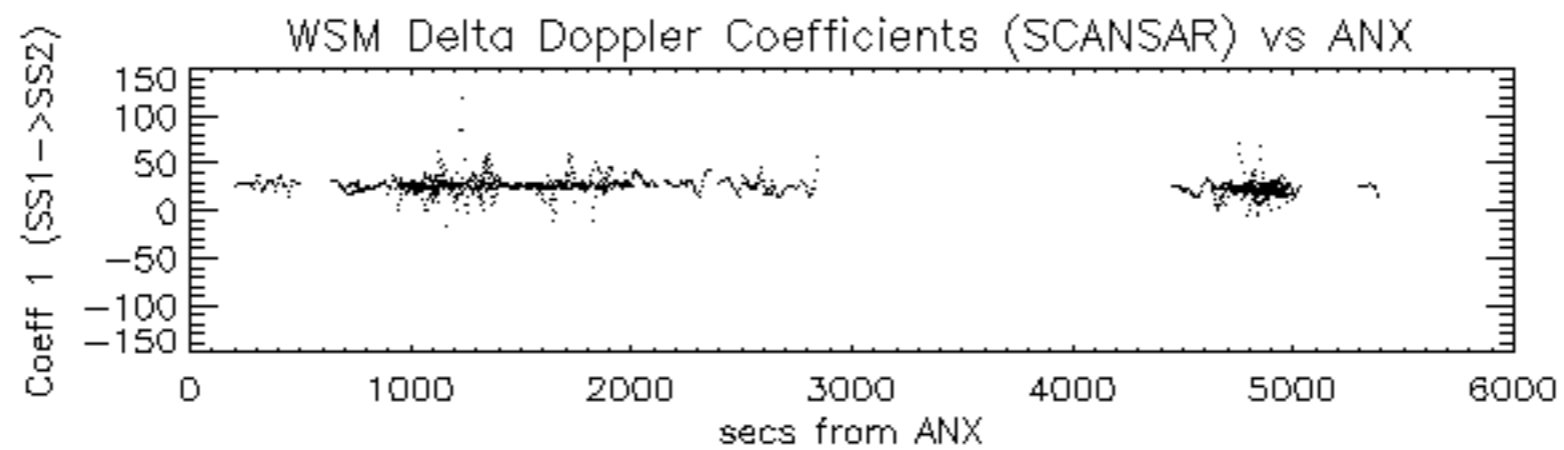


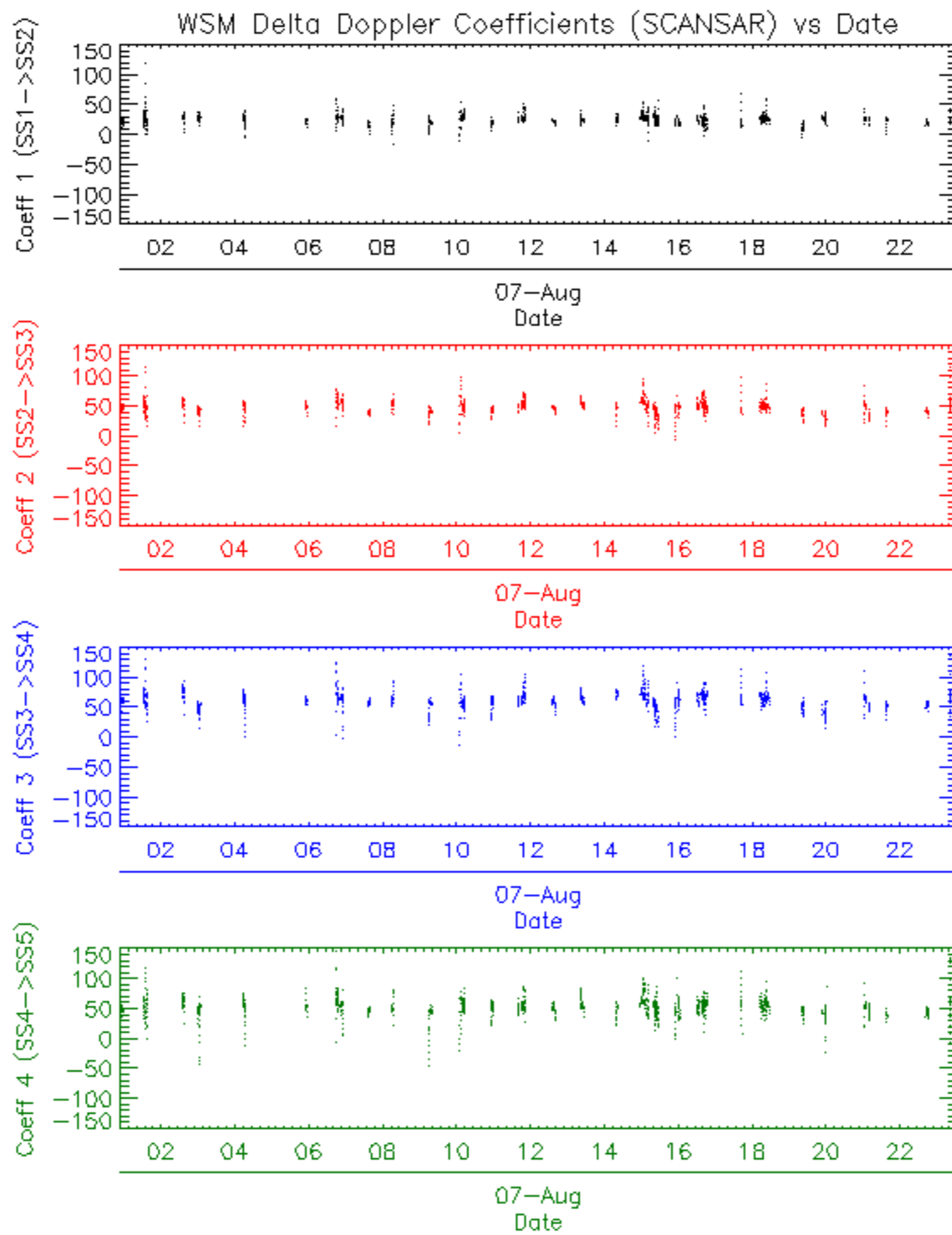






















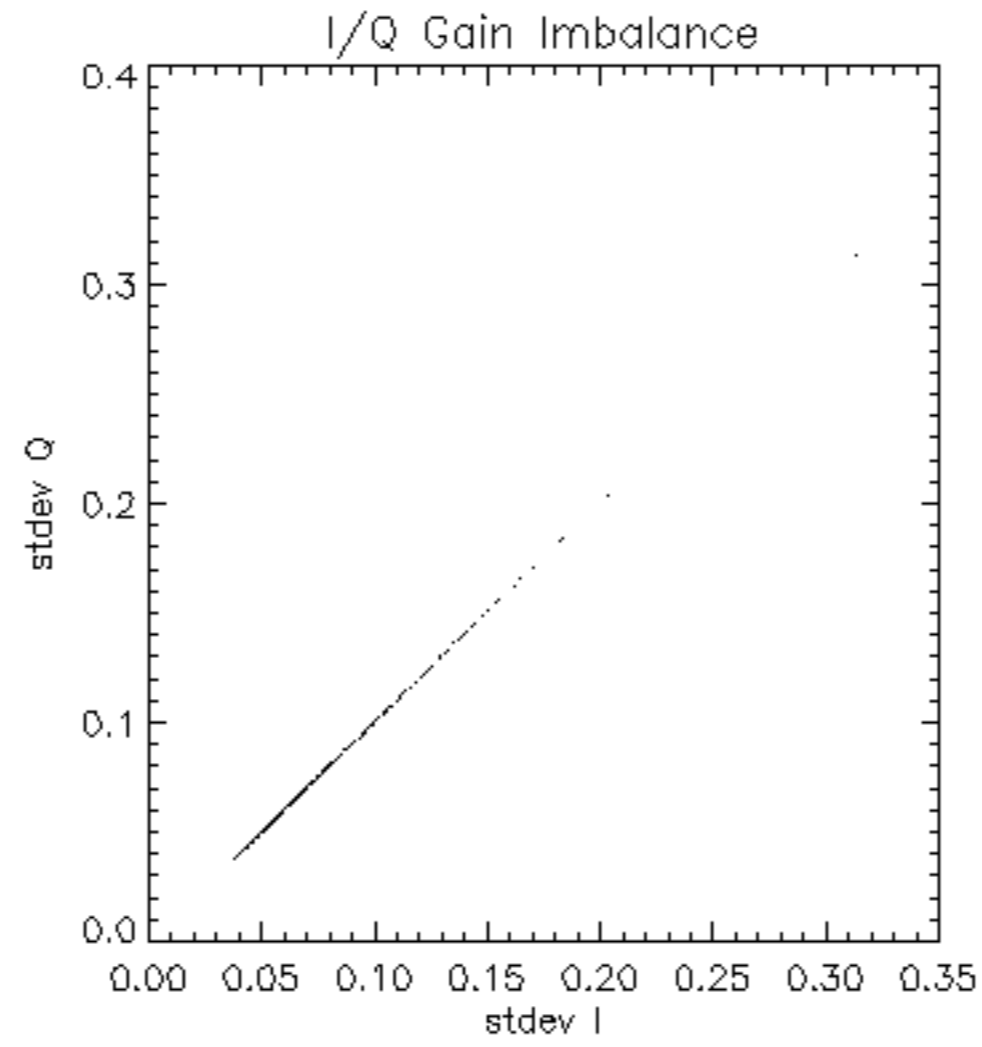


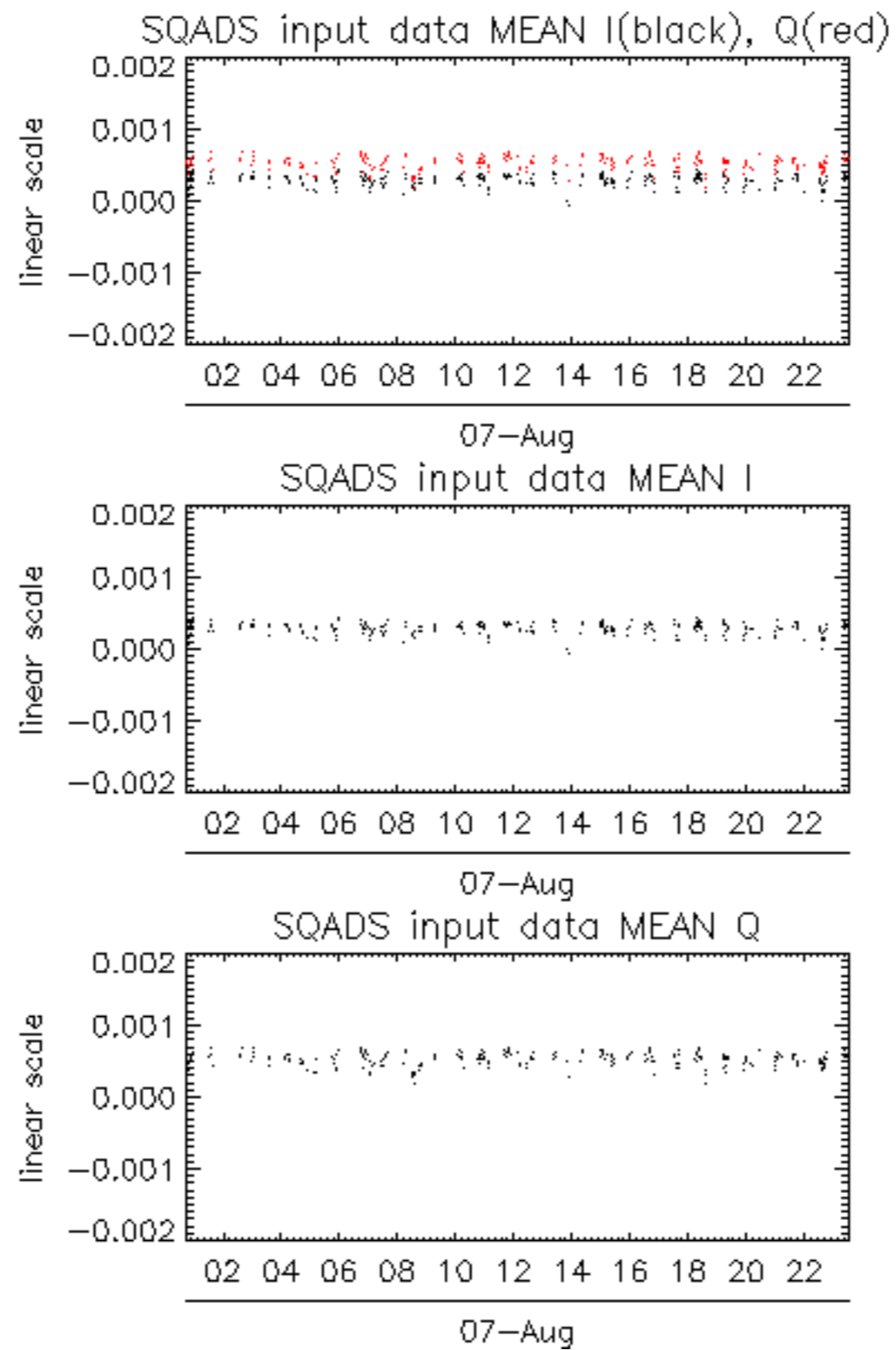


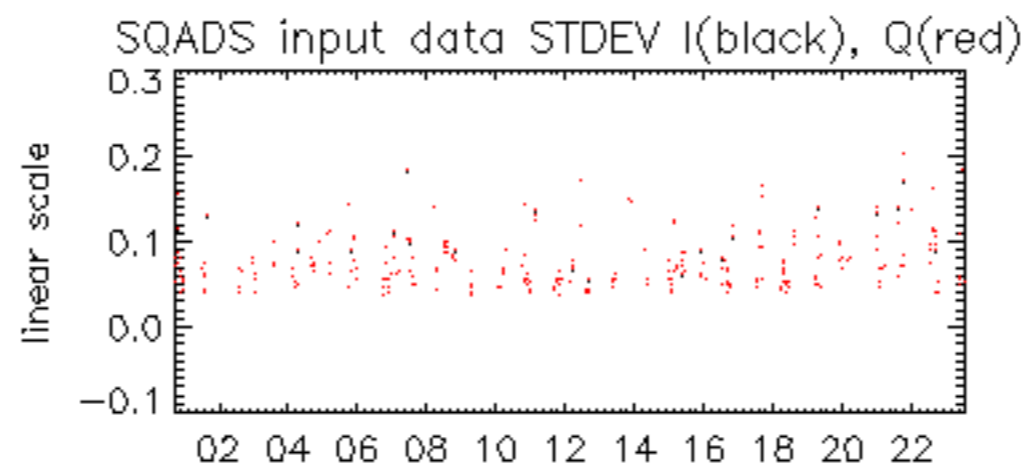




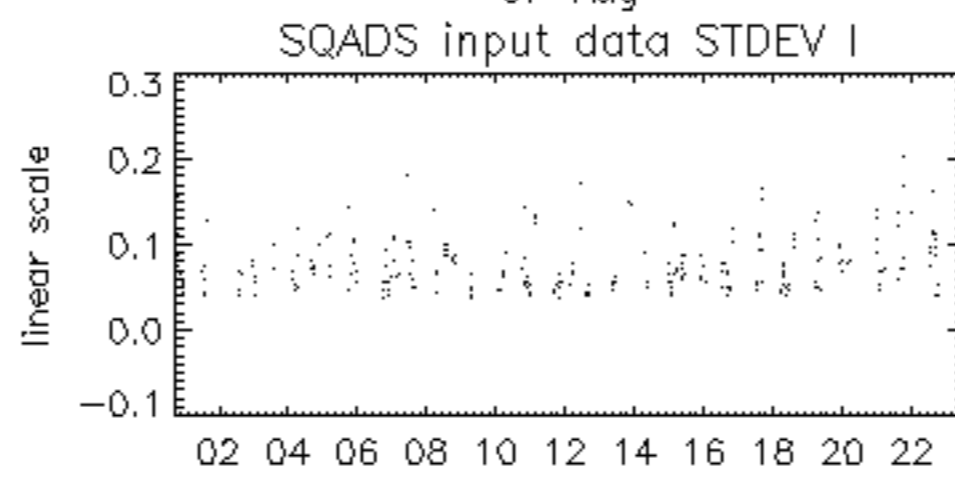




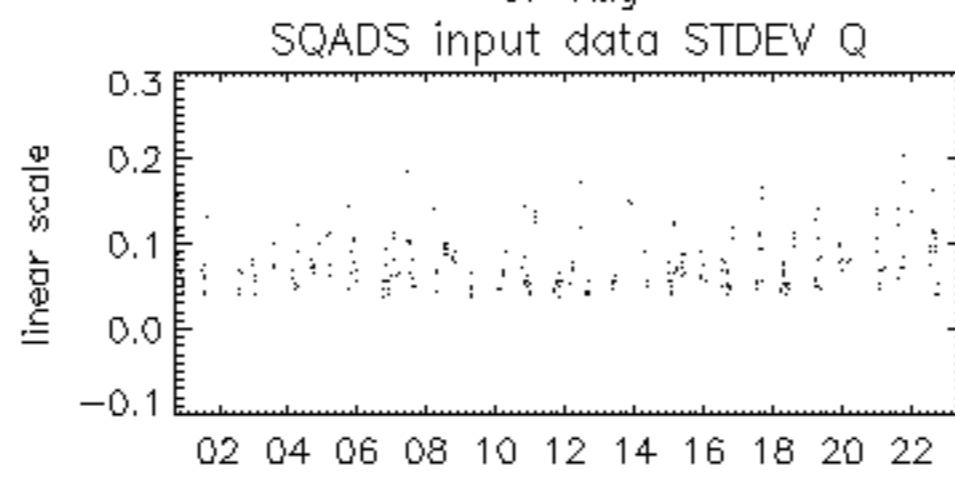




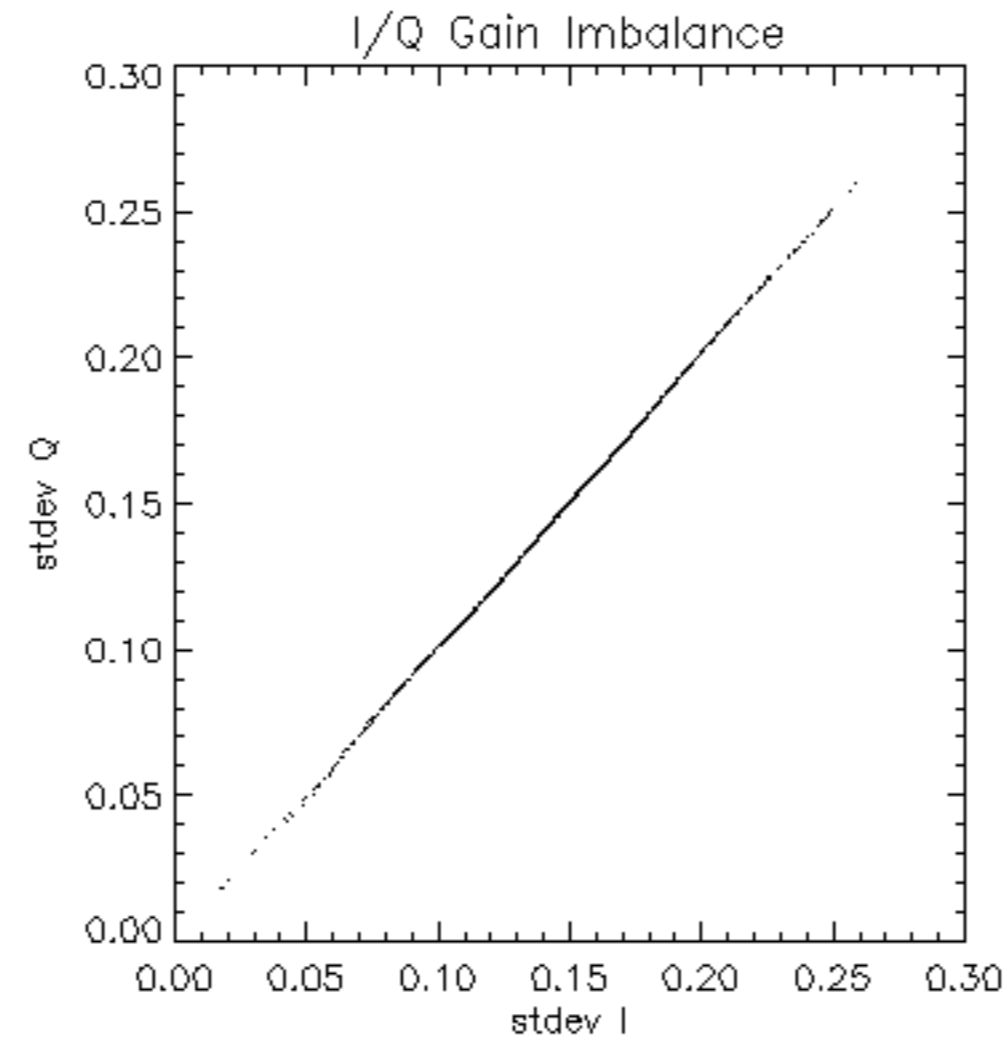
07-Aug

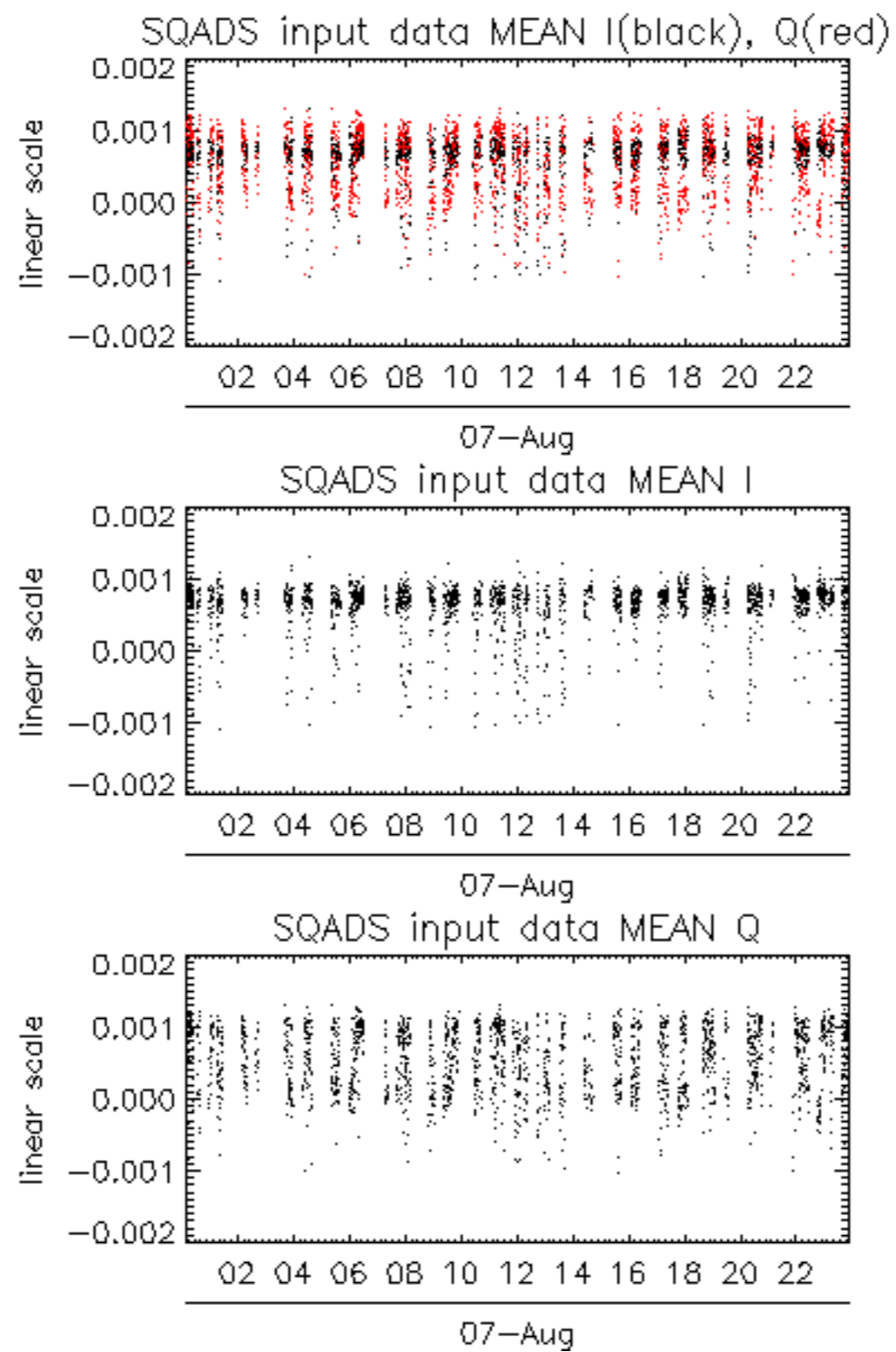


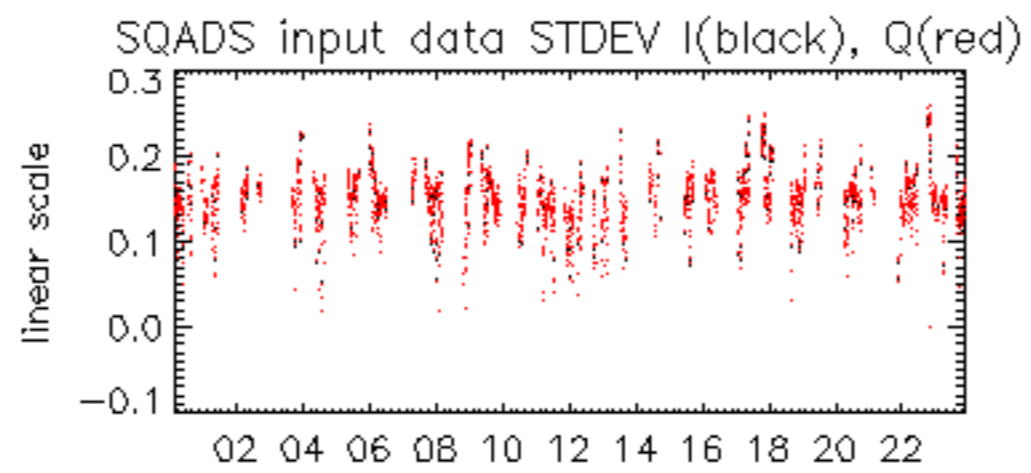
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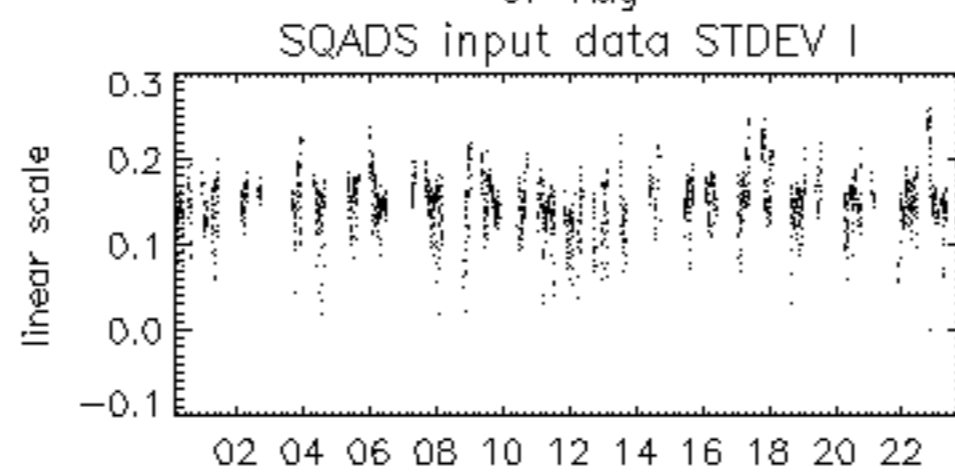
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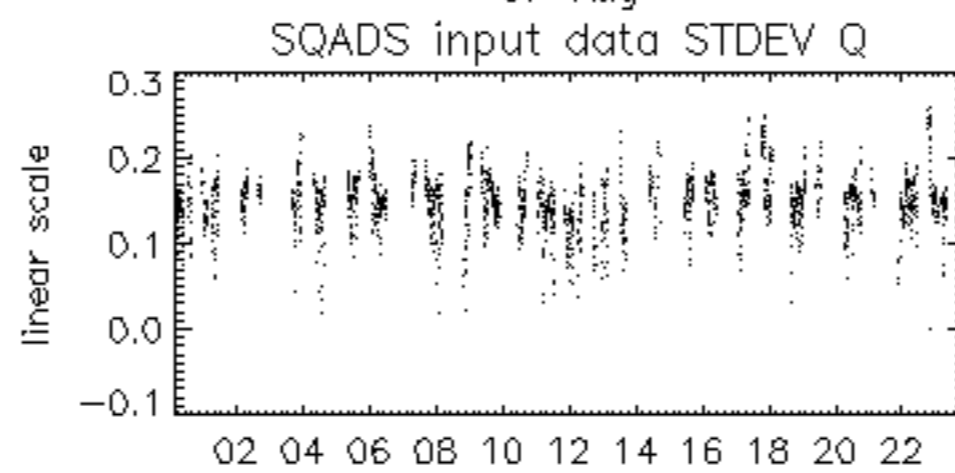




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