



# ASAR Daily Report



Analysis from 20-JUL-2009 00:00:00 to 20-JUL-2009 23:00:04. Page generated on 20-JUL-2009 23:13:41.  
View log file: ASAR\_Daily\_Report\_20090720\_2300.log. For any anomalies please contact [mtranfaglia@serco.it](mailto:mtranfaglia@serco.it), [Emma.Griffiths@vega.co.uk](mailto:Emma.Griffiths@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	3	PDE	WS	H/H	23					PDE	IS2	H/H	5	PDE	WS	H/H	39	PDK	2009-07-20 18:05:07	V	320
PDE	IS2	V/V	18	PDK	WS	H/H	48					PDE	IS2	V/V	13	PDE	WS	V/V	10				
PDK	IS2	V/V	22									PDE	IS4	V/V	1	PDK	WS	H/H	11				
												PDK	IS2	H/H	2	PDK	WS	V/V	2				
												PDK	IS2	V/V	3								
												PDK	IS3	V/V	1								

## 1.2 - Lists of products used

[ BACK TO MENU ]

[TXT] [XLS] List\_WVS\_products\_used  
 [TXT] [XLS] List\_GM1\_products\_used  
 [TXT] [XLS] List\_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_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

### 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
IMM	0	0	0	0
WSM	0	0	0	0

[TXT] [XLS] Check\_ADFs\_WVS  
 [TXT] [XLS] Check\_ADFs\_GM1  
 [TXT] [XLS] Check\_ADFs\_IMM  
 [TXT] [XLS] Check\_ADFs\_WSM

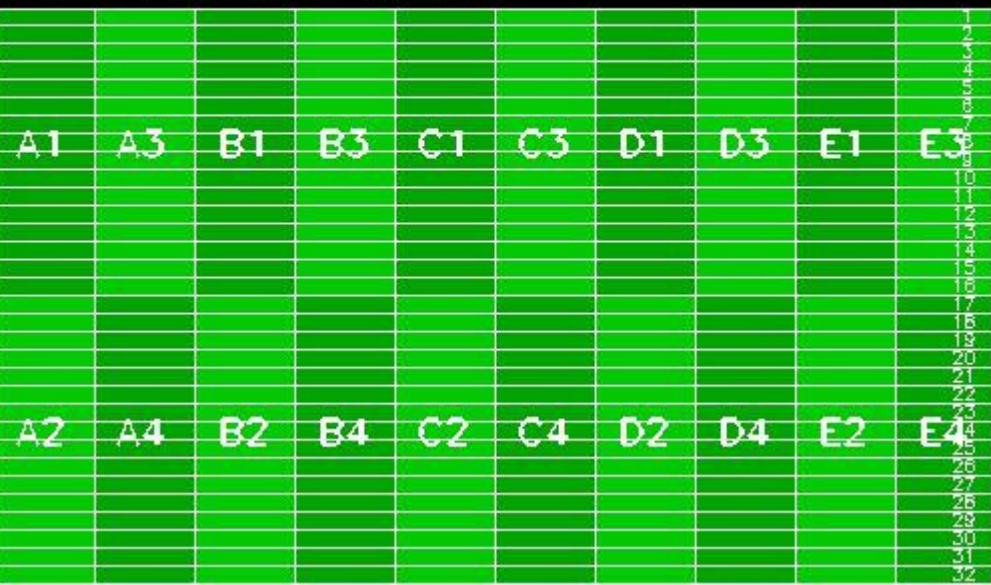
## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

Reference: 2005-09-23 05:55:14 V RxGain  
 Test : 2009-07-20 18:05:07 V



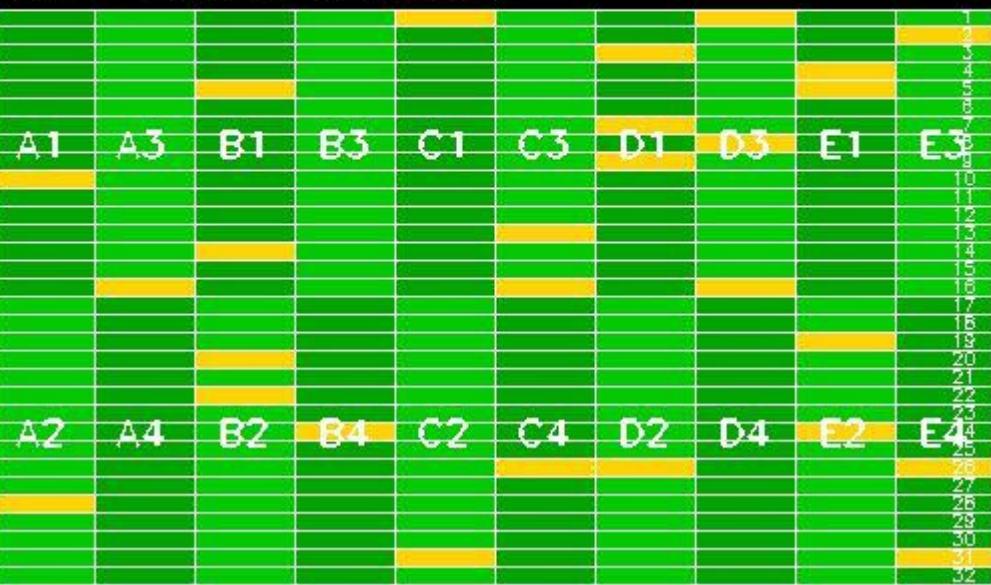
Reference: 2009-07-18 20:48:57 V RxGain  
 Test : 2009-07-20 18:05:07 V

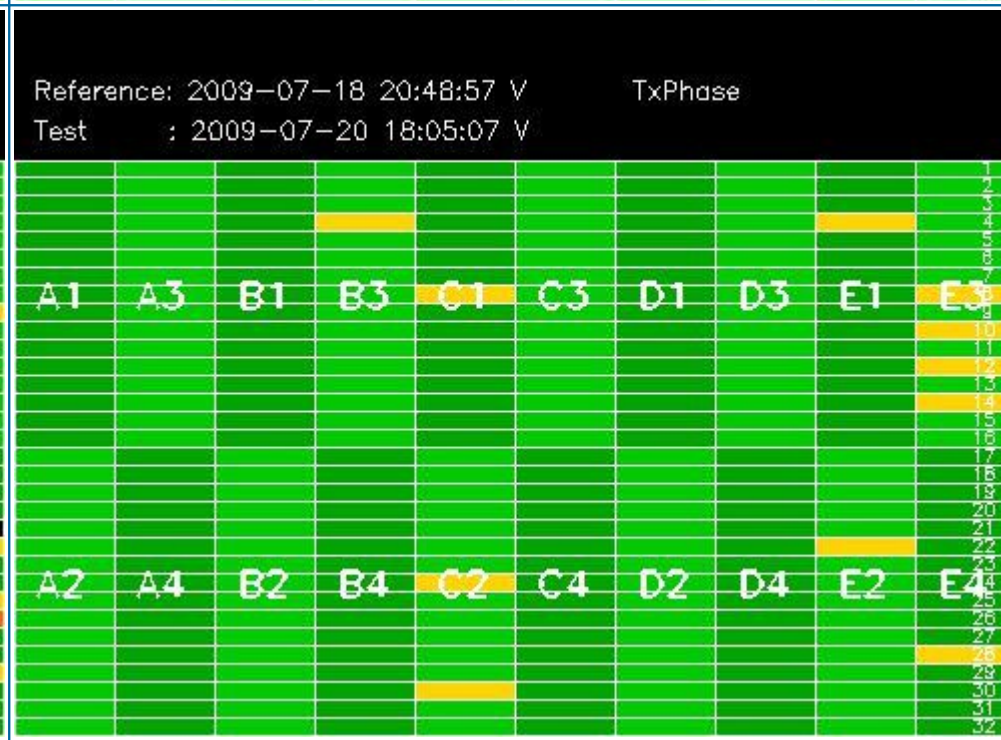
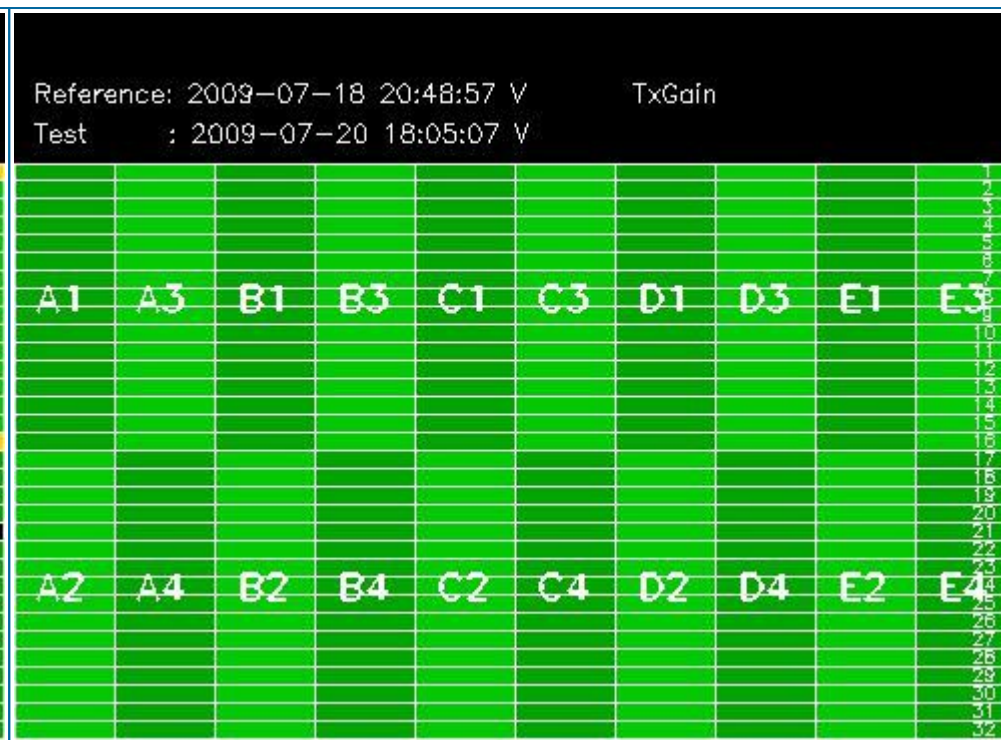
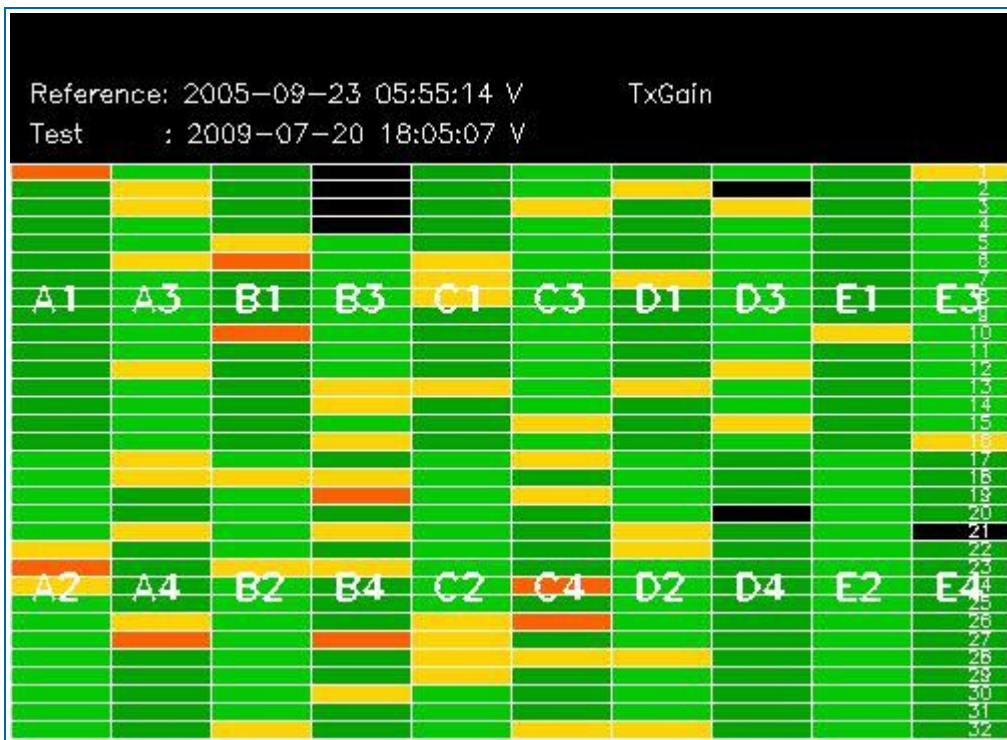


Reference: 2005-09-23 05:55:14 V RxPhase  
 Test : 2009-07-20 18:05:07 V



Reference: 2009-07-18 20:48:57 V RxPhase  
 Test : 2009-07-20 18:05:07 V



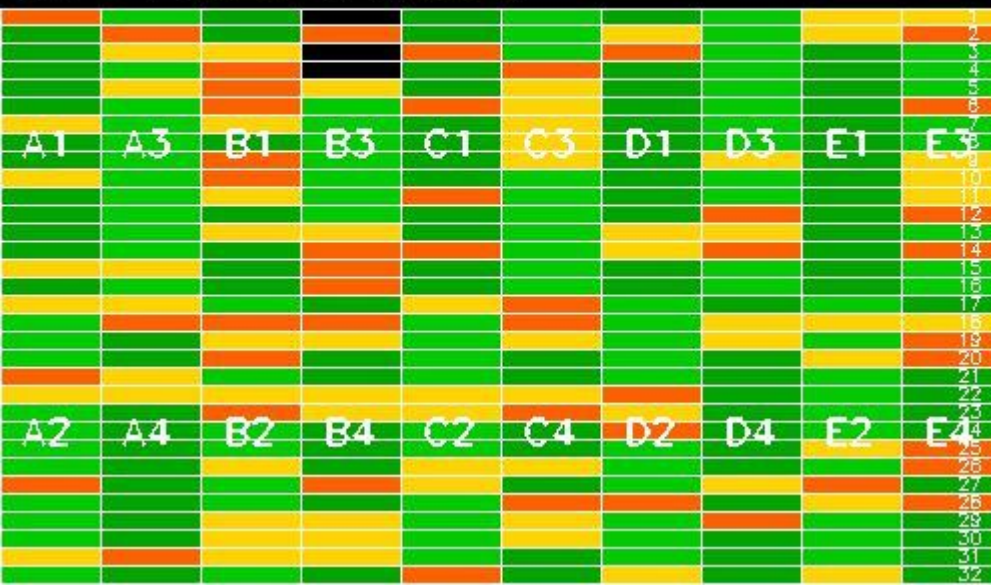


### 3.2 - H/H polarisation

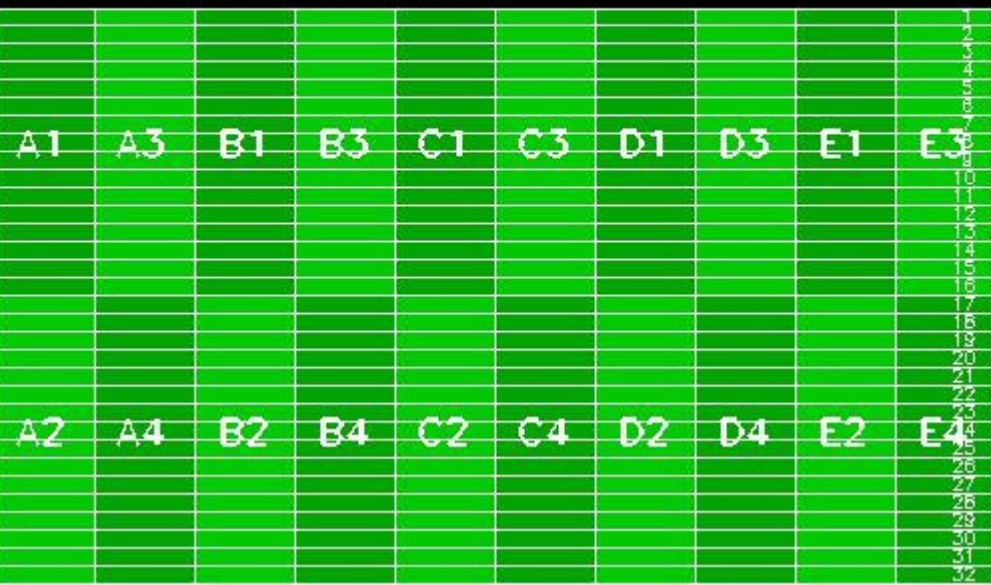
[ BACK TO MENU ]

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

Reference: 2005-09-22 06:26:51 H RxGain  
 Test : 2009-07-19 18:36:44 H



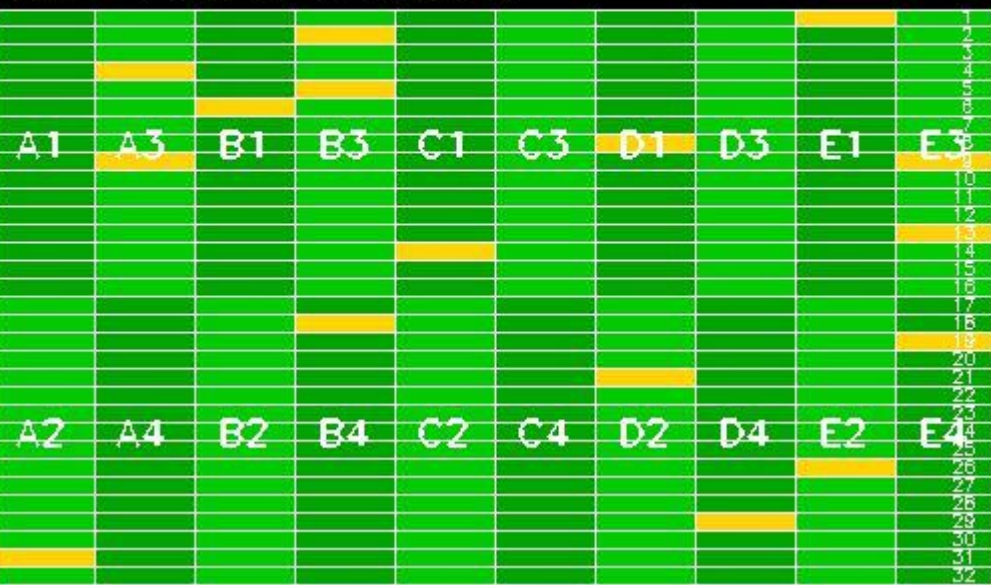
Reference: 2009-07-17 14:38:10 H RxGain  
 Test : 2009-07-19 18:36:44 H

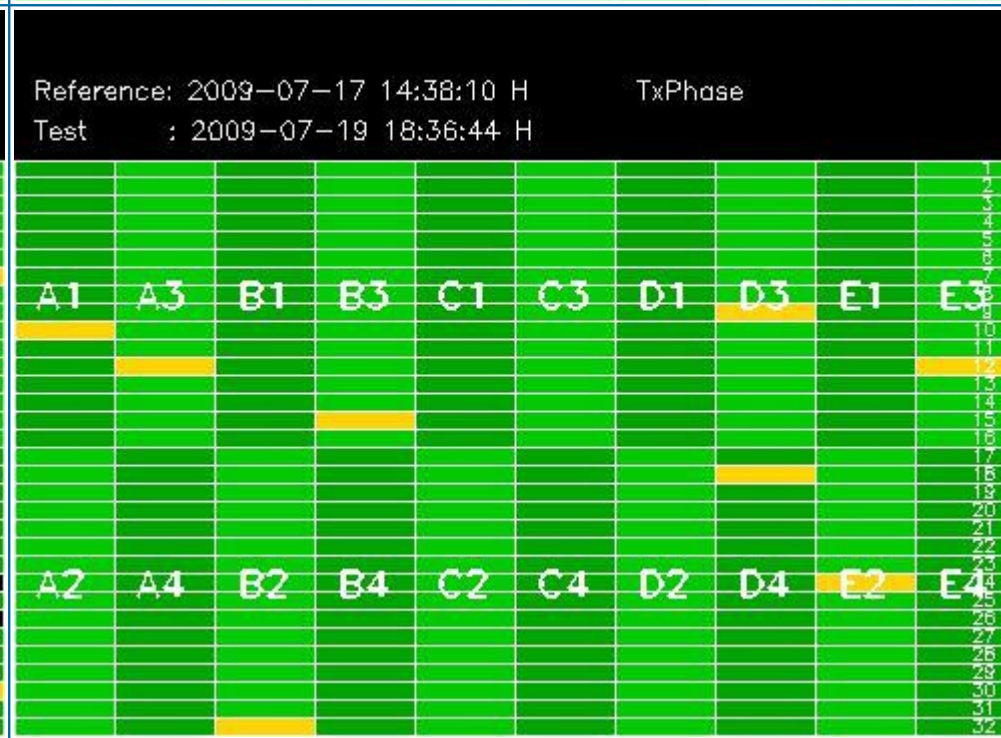
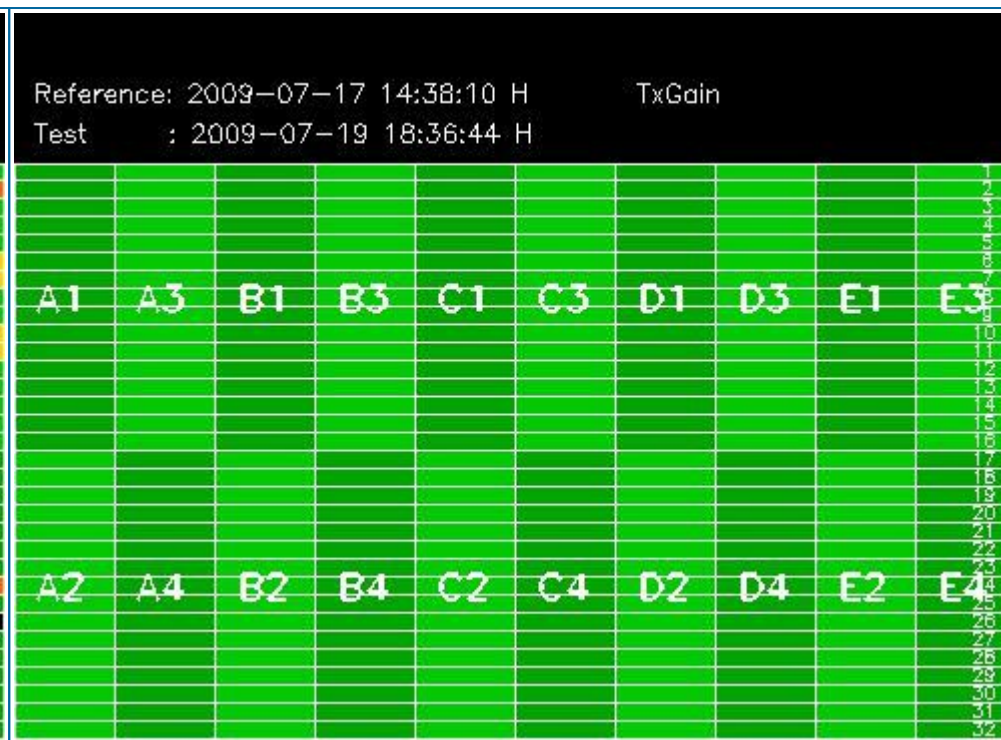
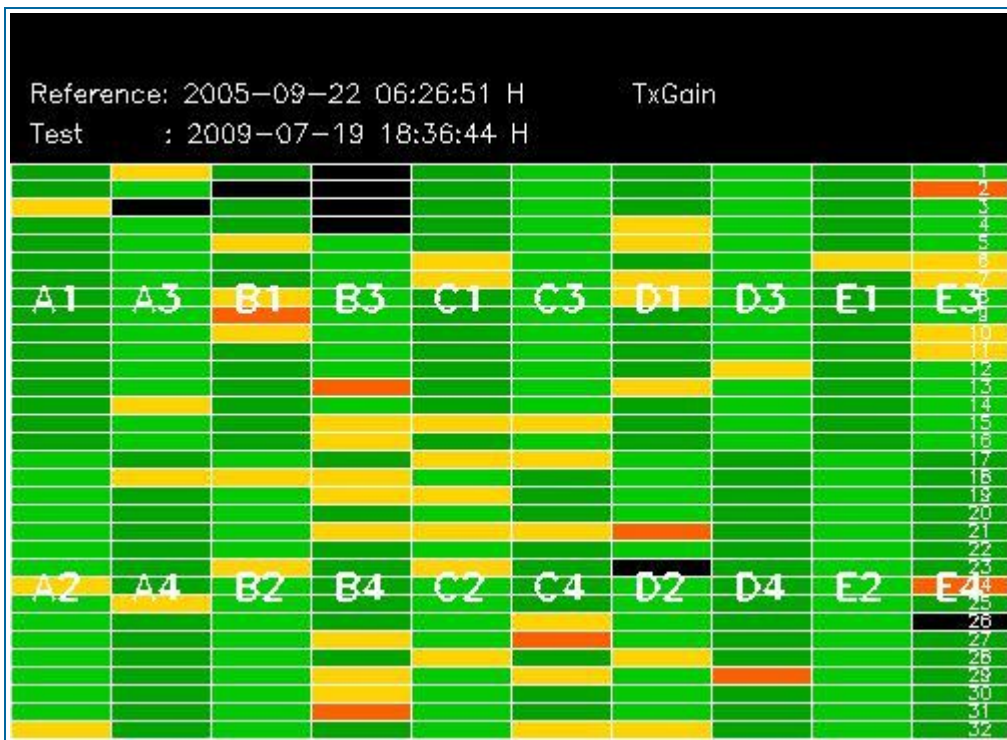


Reference: 2005-09-22 06:26:51 H RxPhase  
 Test : 2009-07-19 18:36:44 H



Reference: 2009-07-17 14:38:10 H RxPhase  
 Test : 2009-07-19 18:36:44 H





## 4 - CALIBRATION PULSES ANALYSIS

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

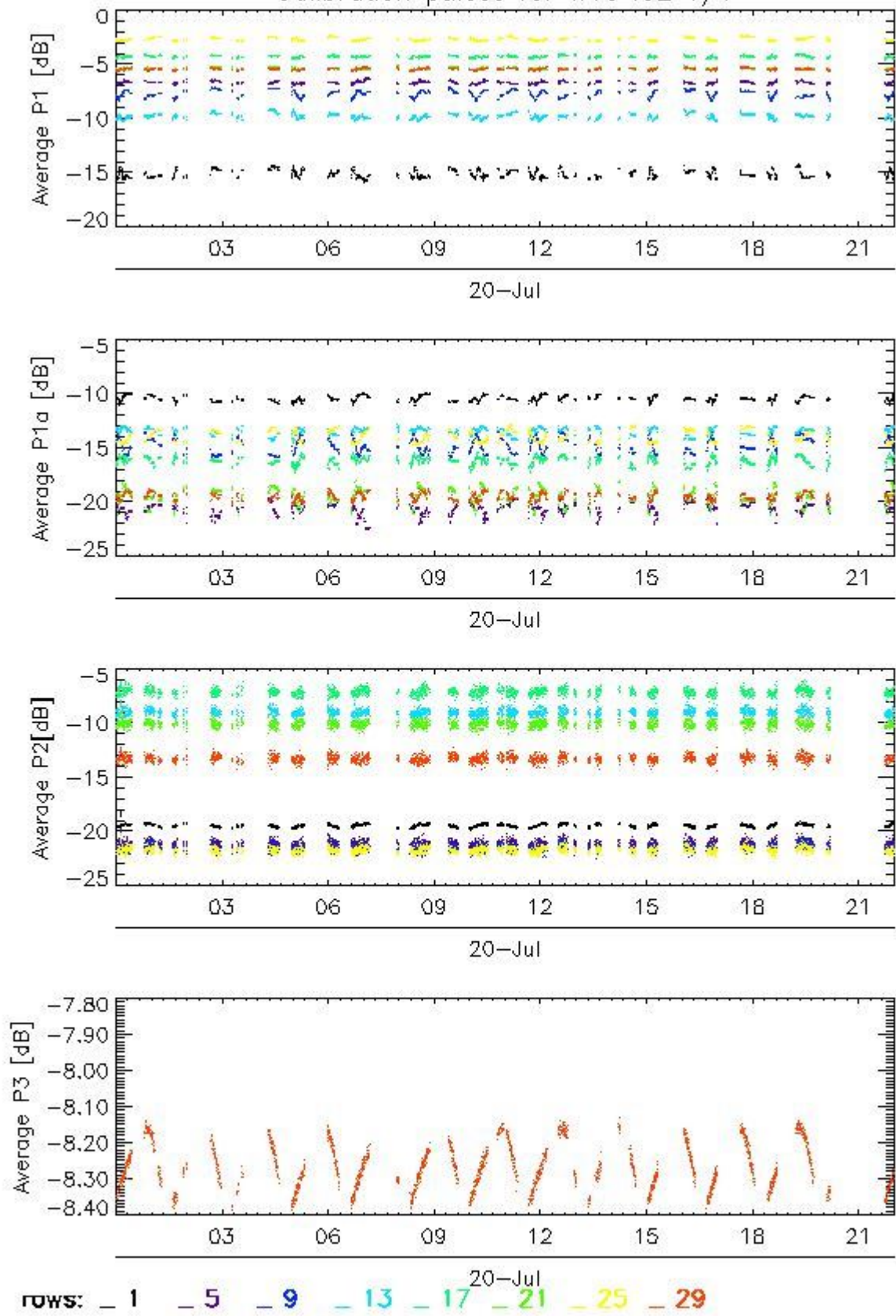
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

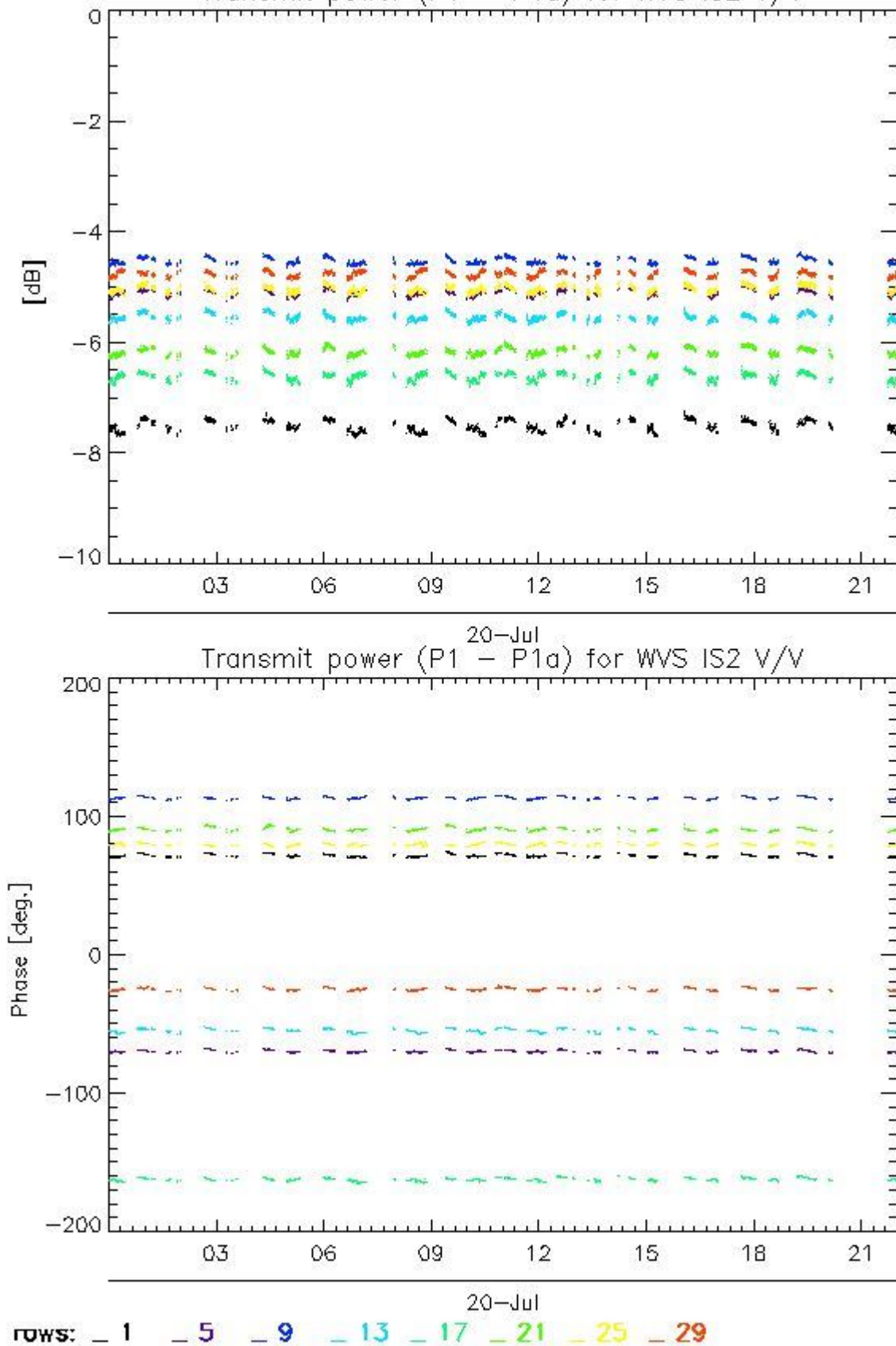
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

Calibration pulses for WVS IS2 V/V



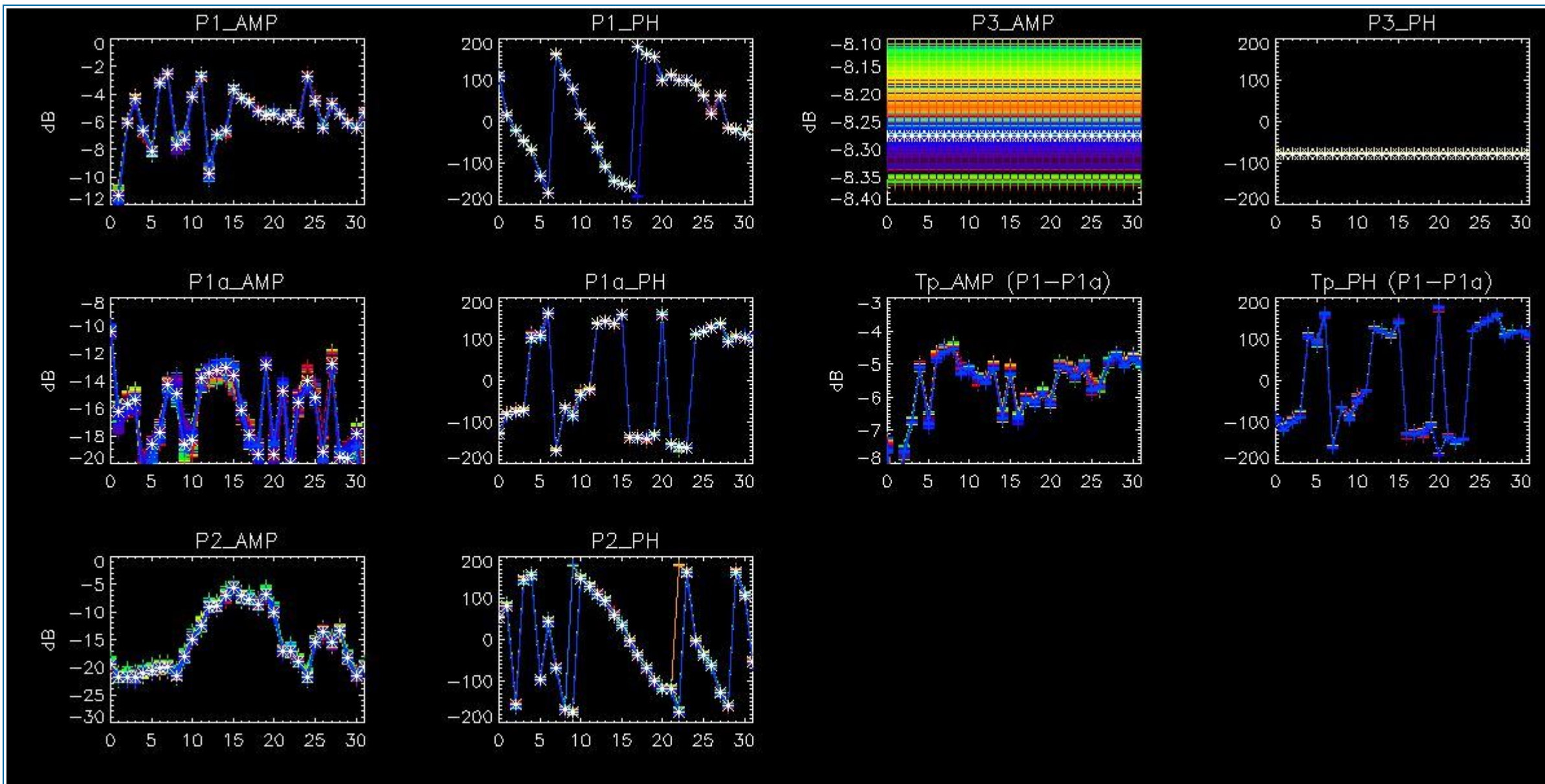
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 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

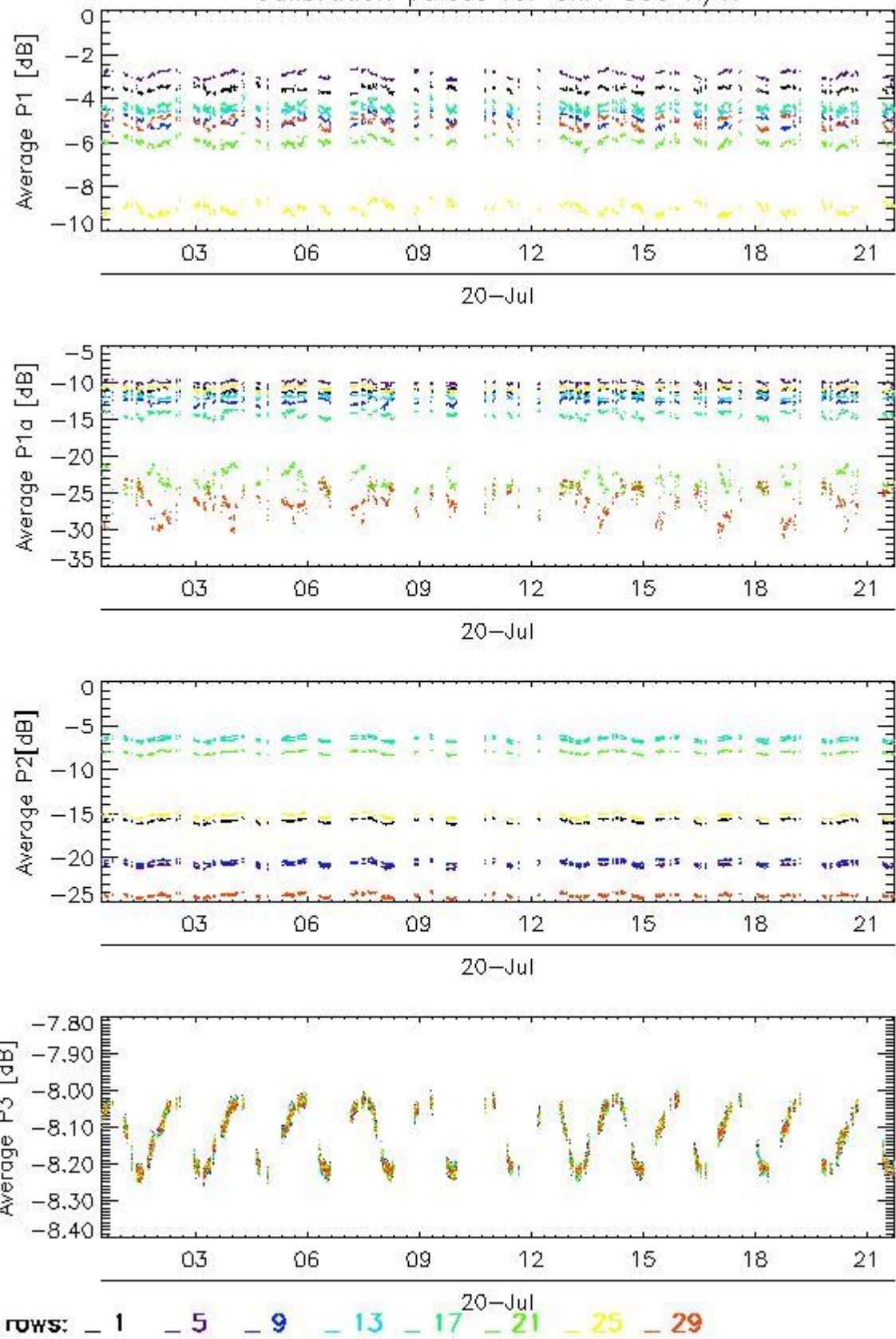
[ BACK TO MENU ]

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]

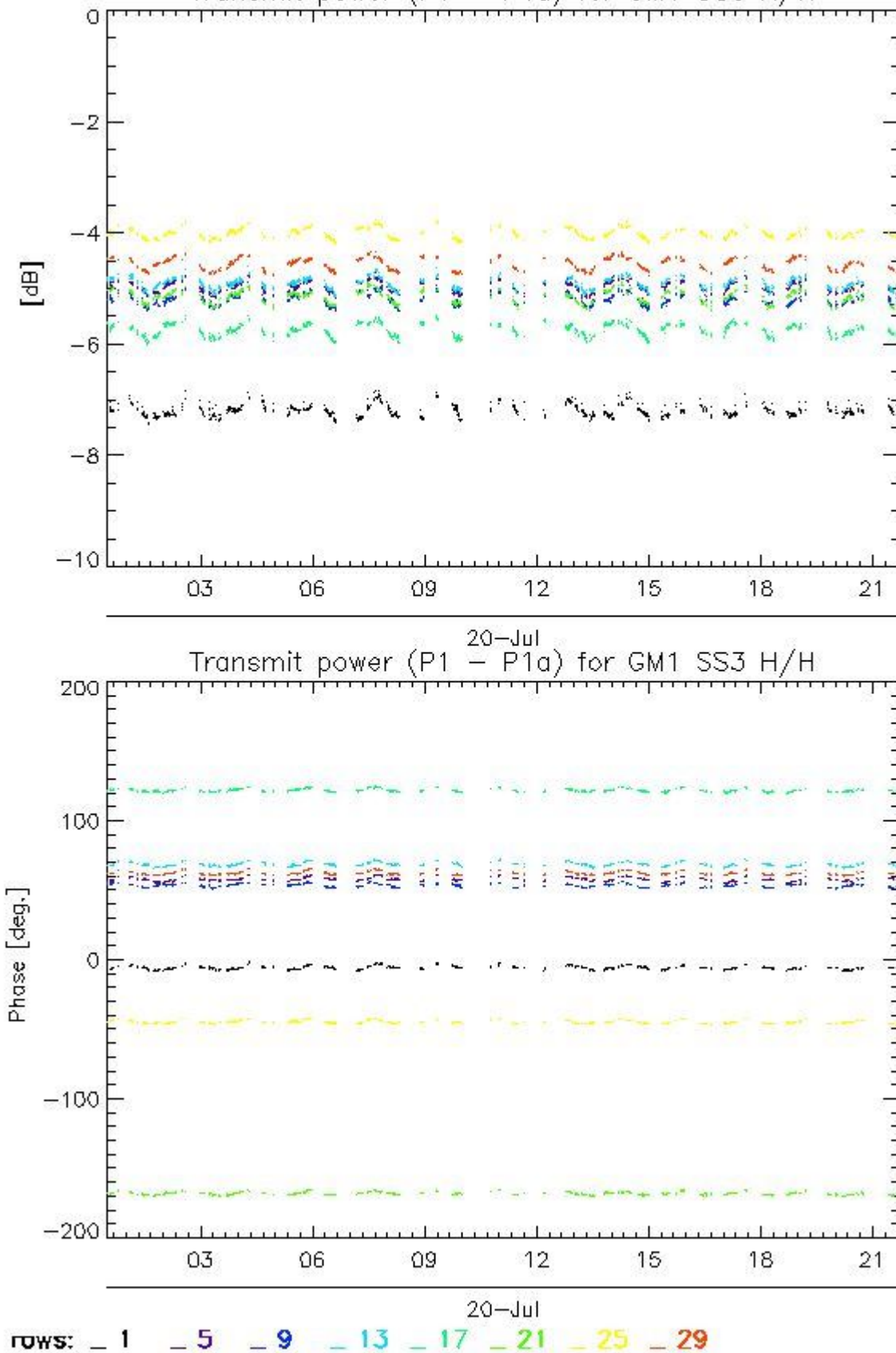
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



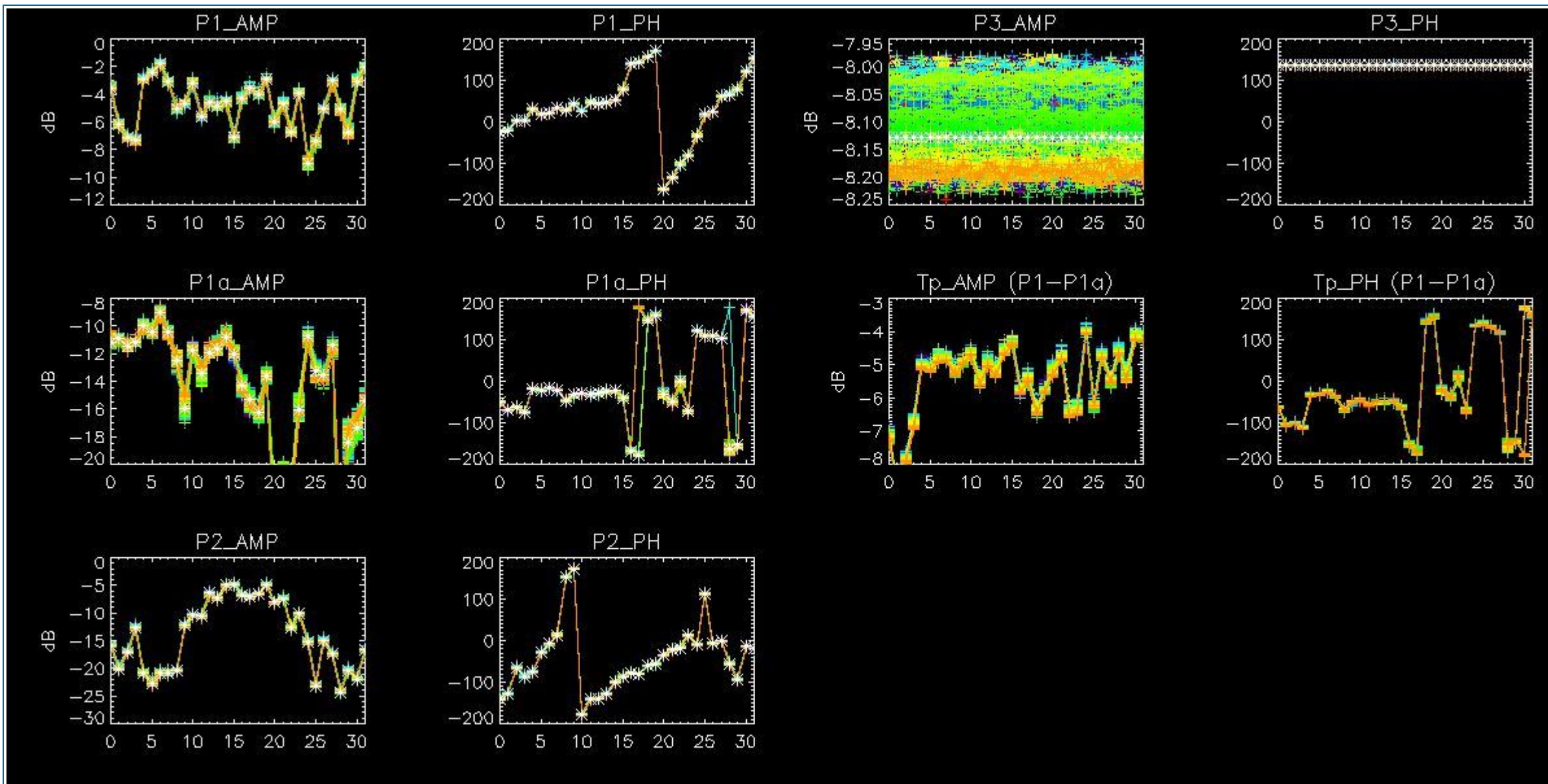
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

[ [BACK TO MENU](#) ]





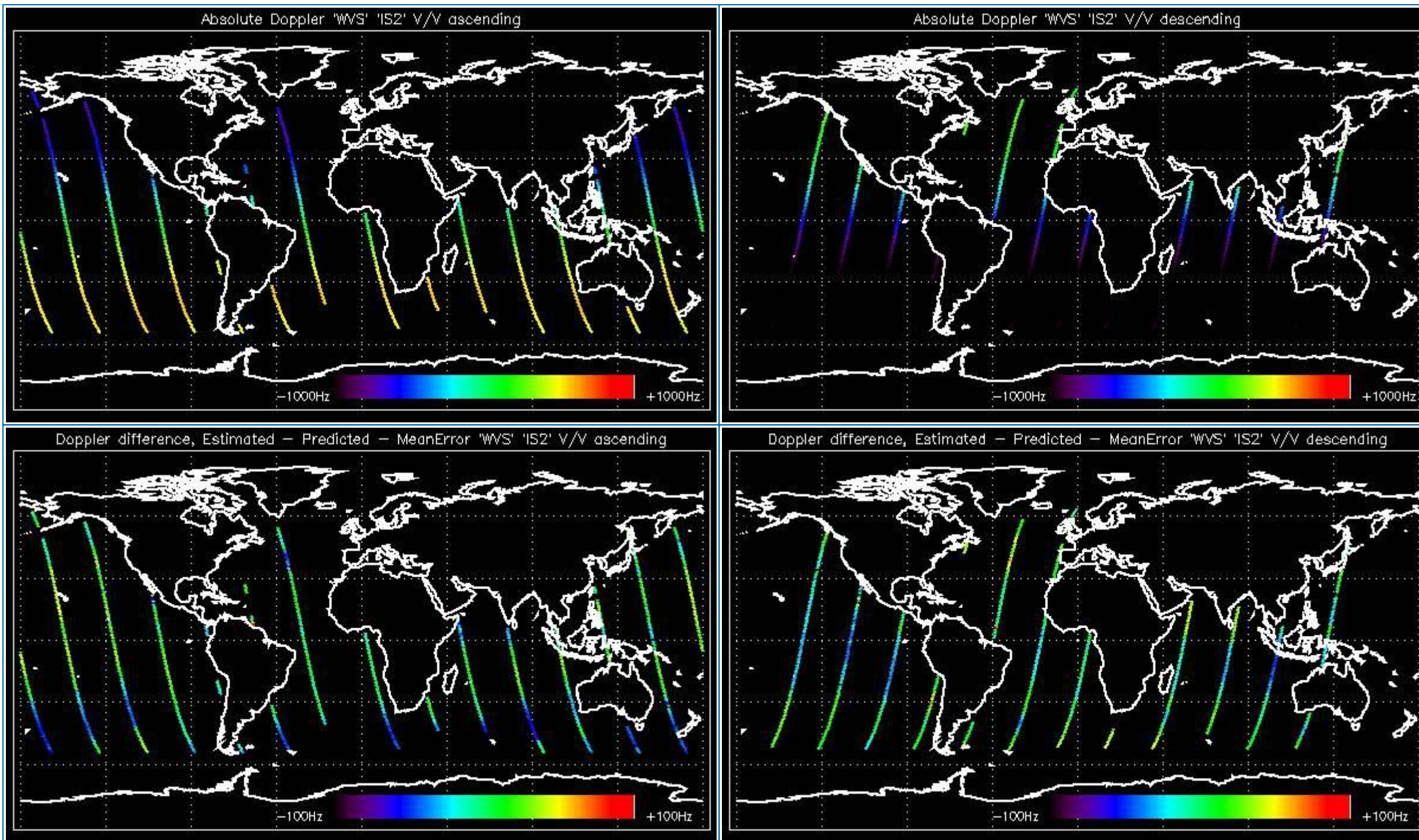
## 5 - DOPPLER ANALYSIS

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

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

[ [BACK TO MENU](#) ]

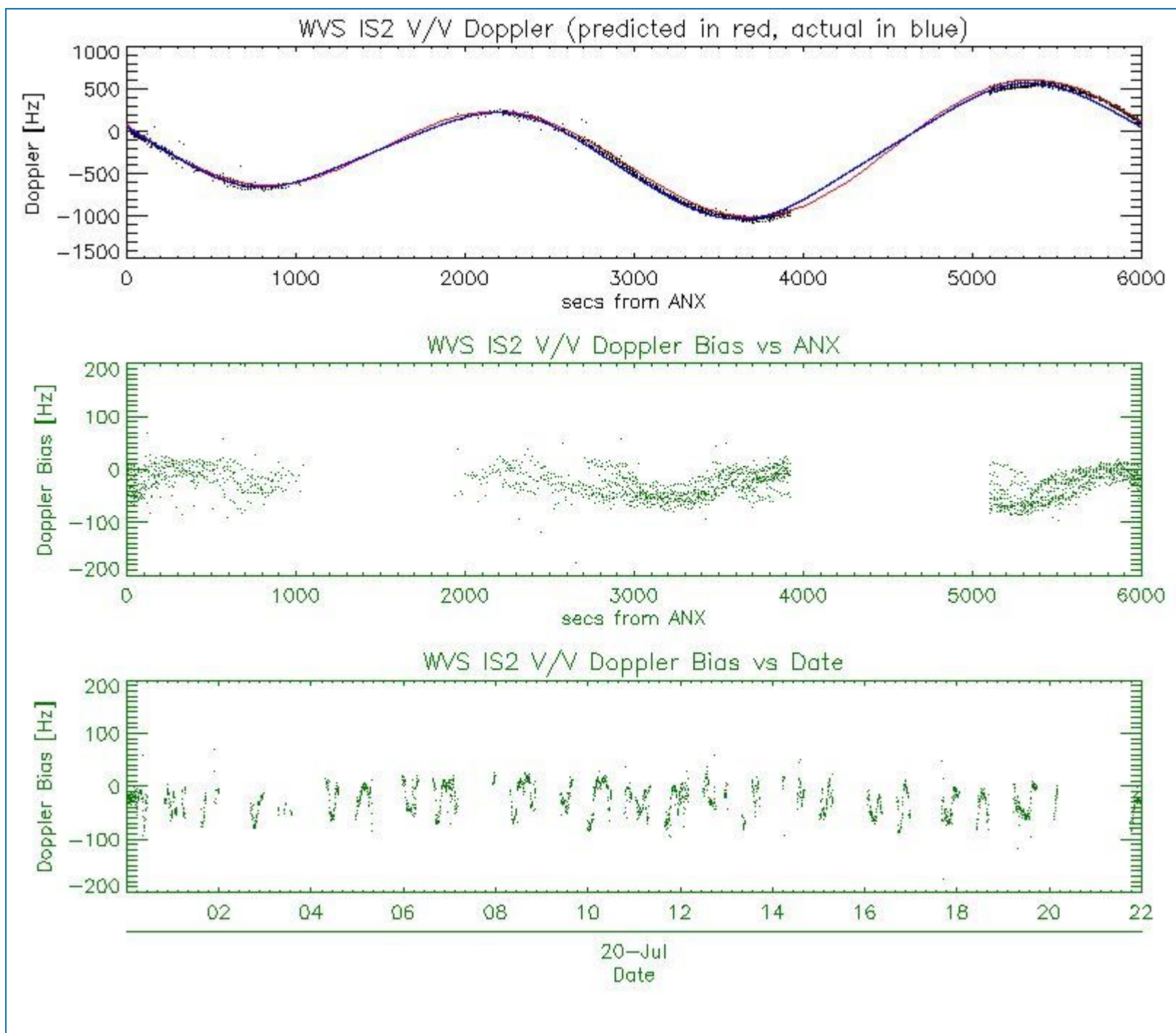




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]

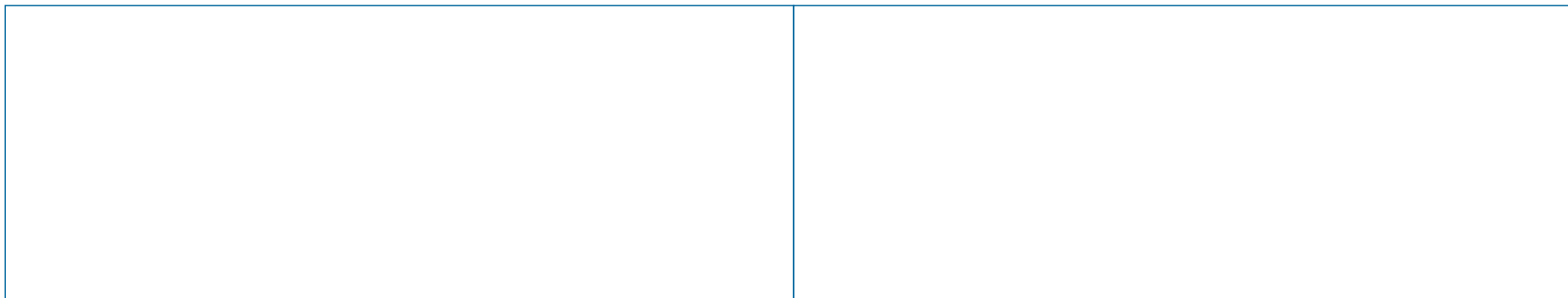


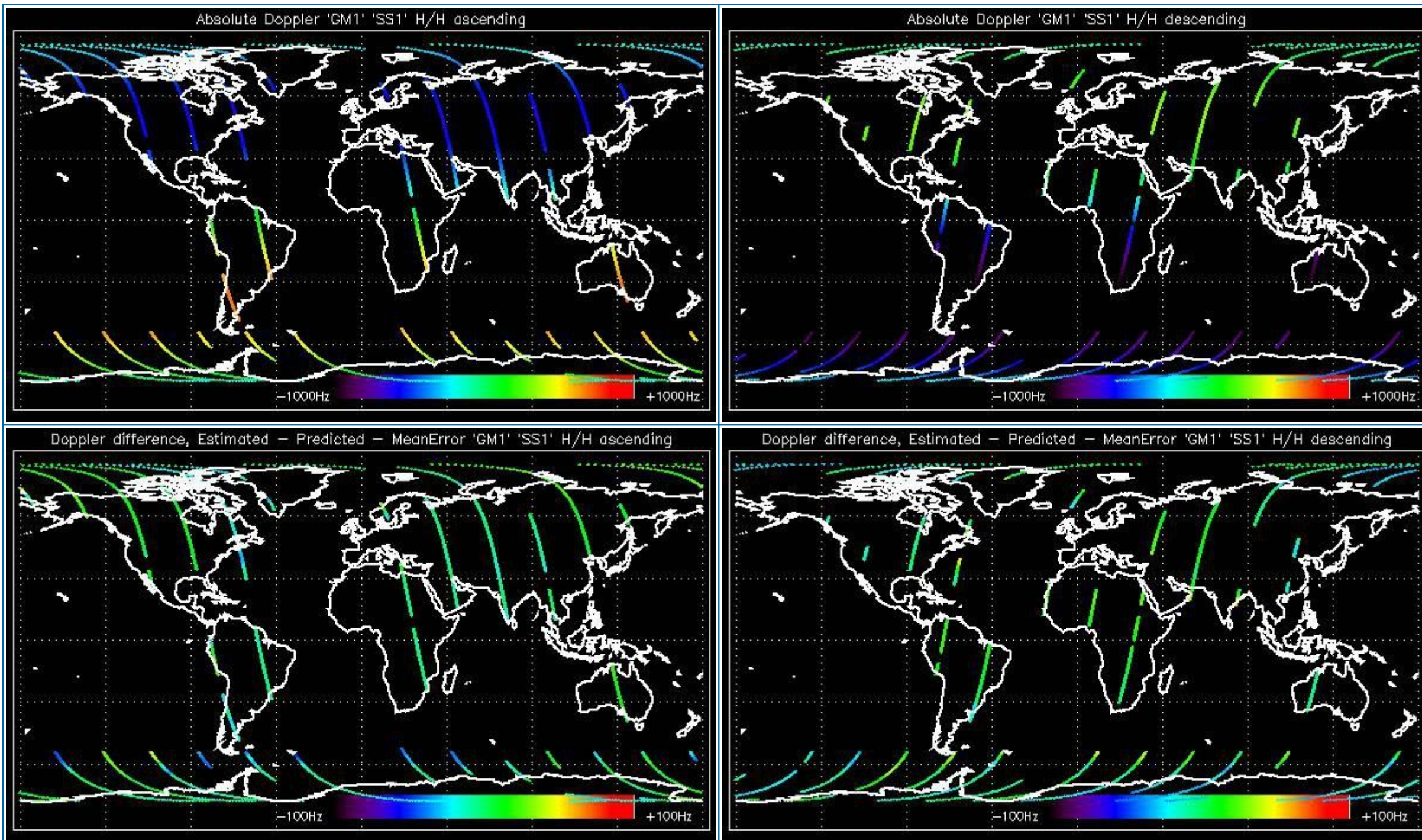


## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]

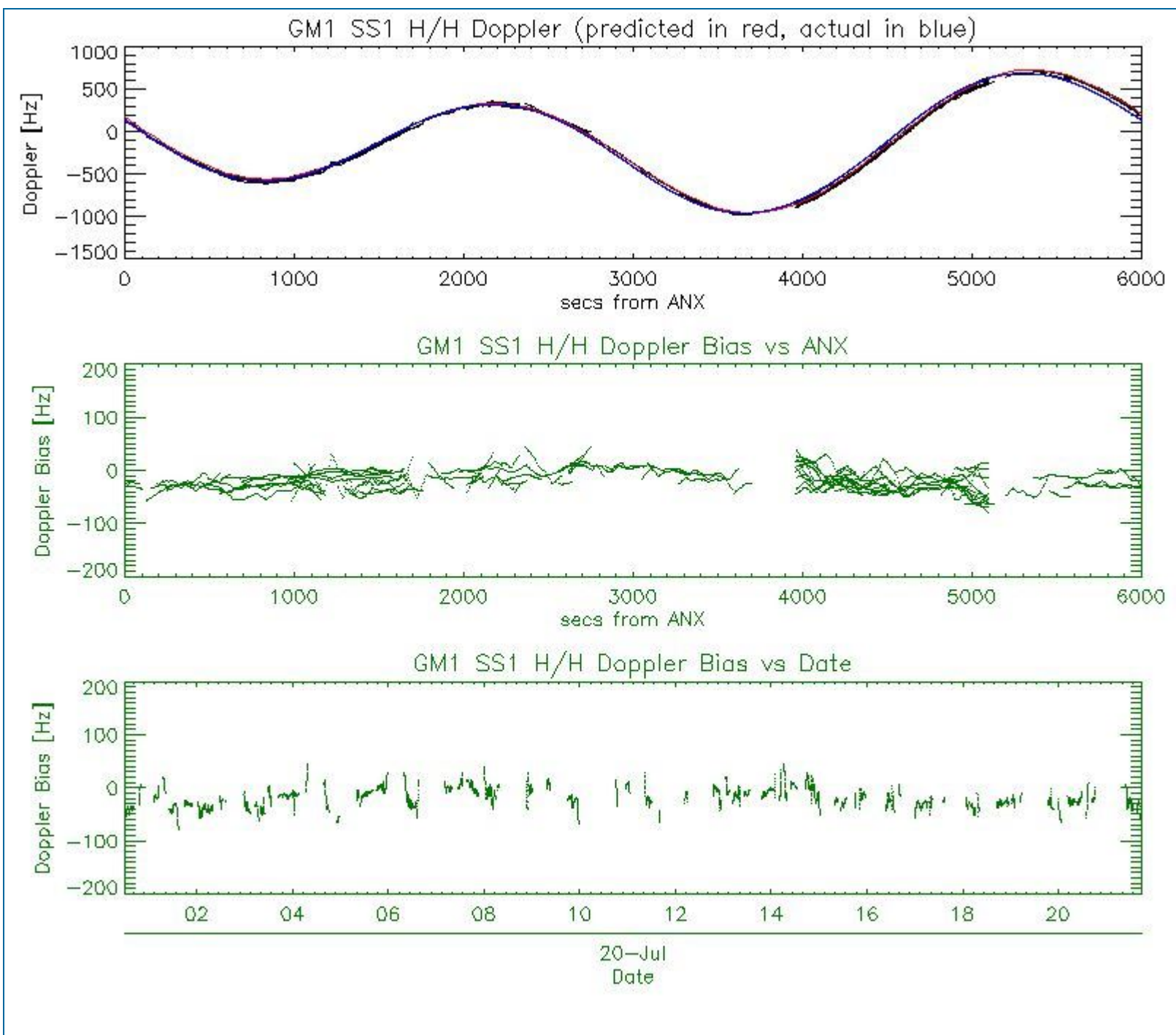




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

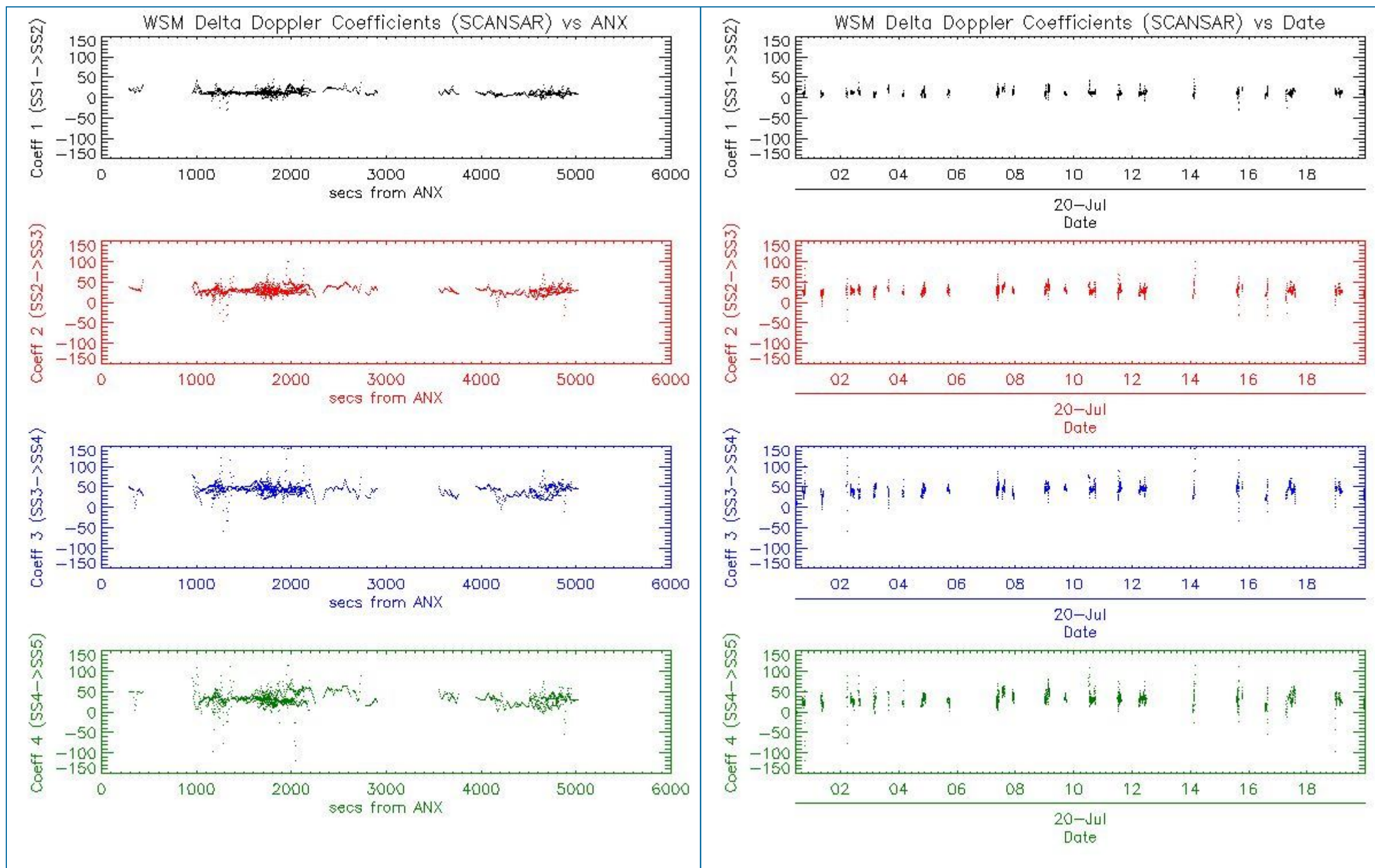




### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]

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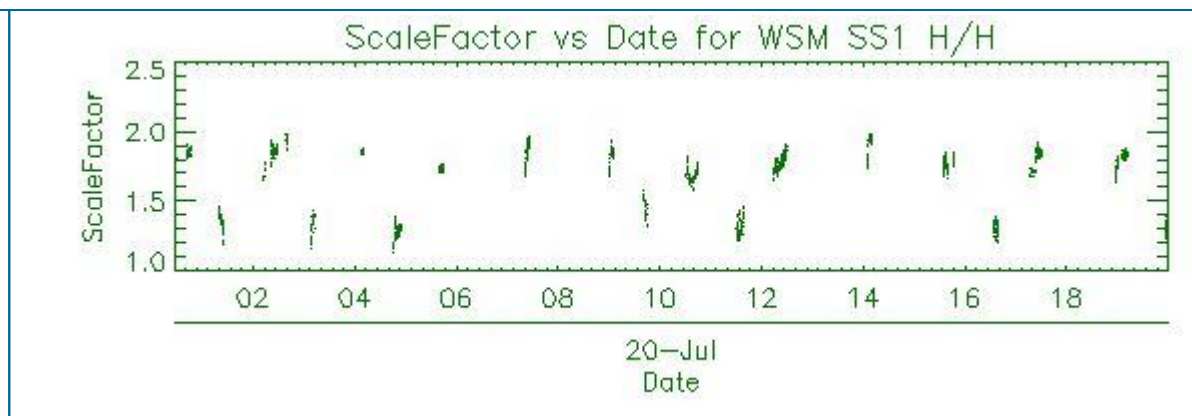
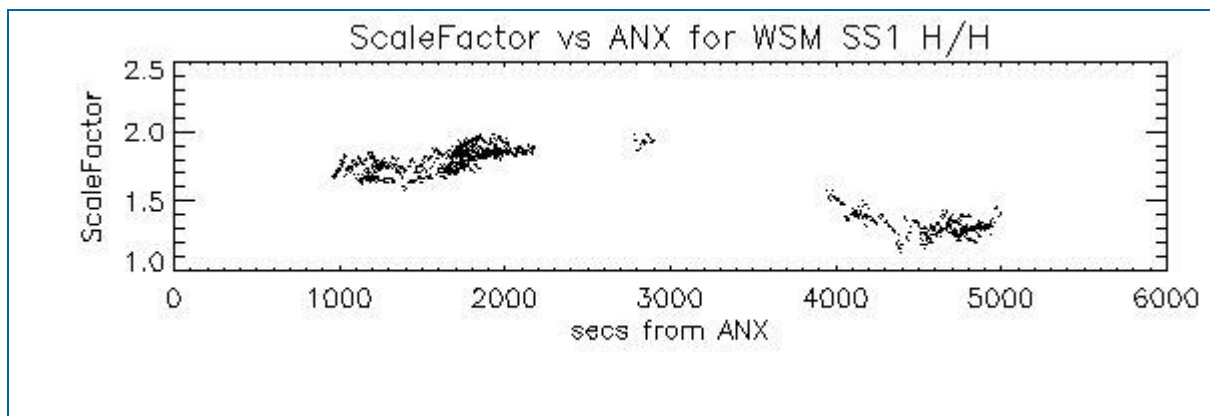
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ [BACK TO MENU](#) ]

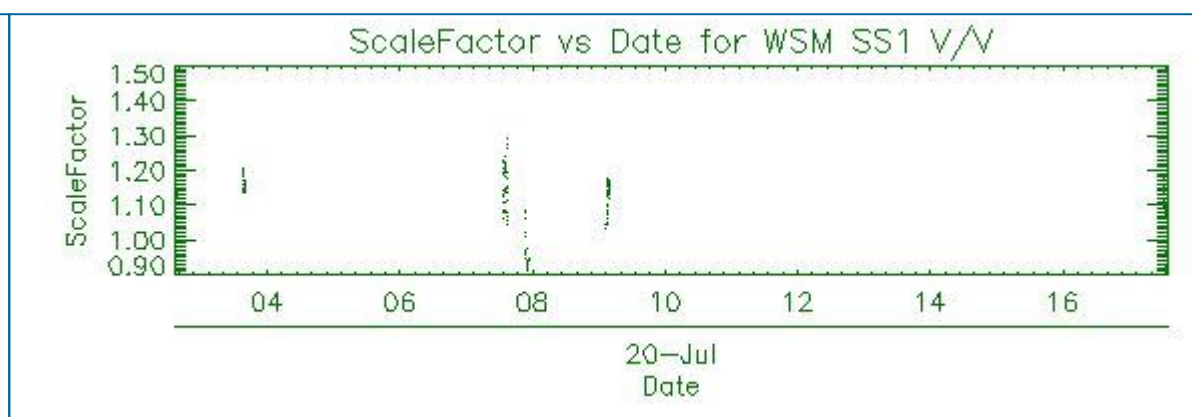
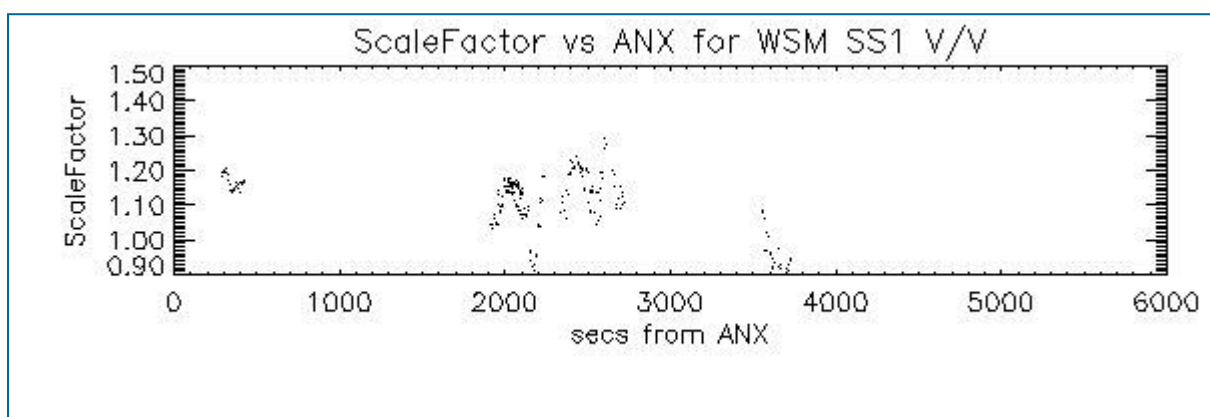




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



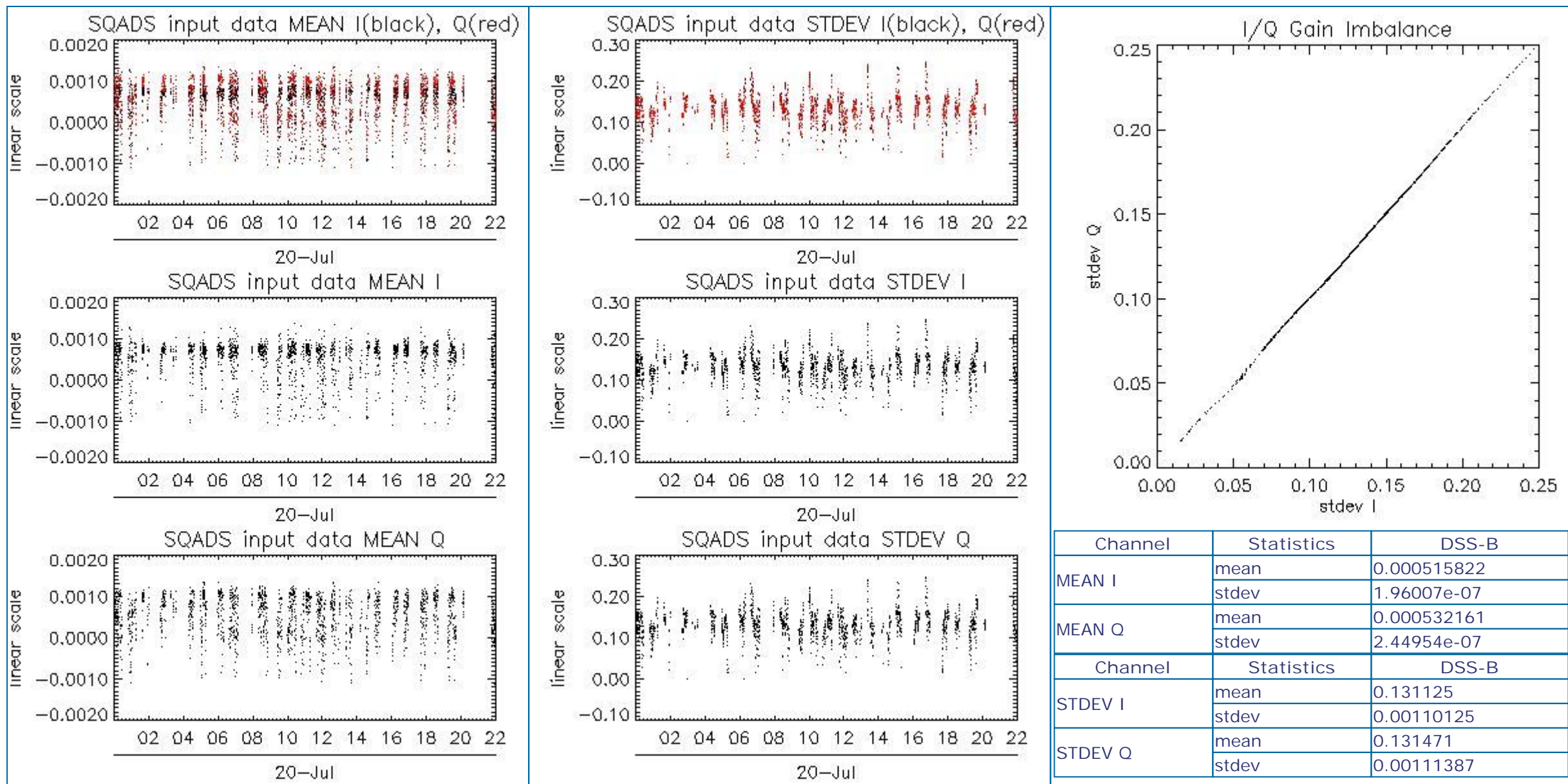
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

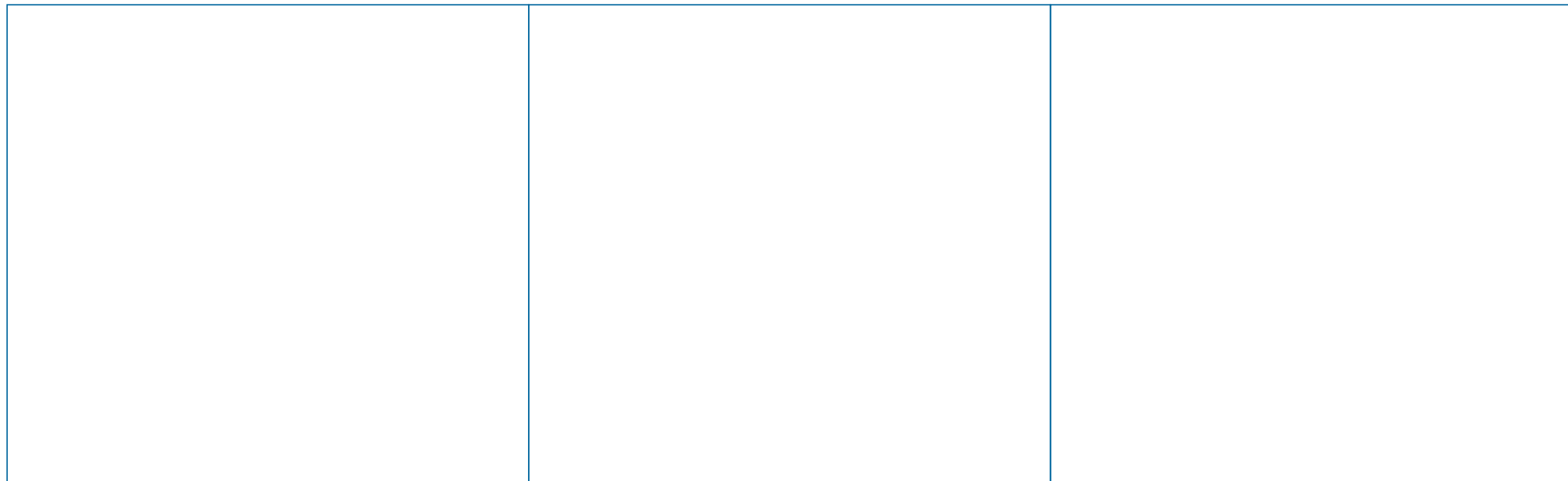
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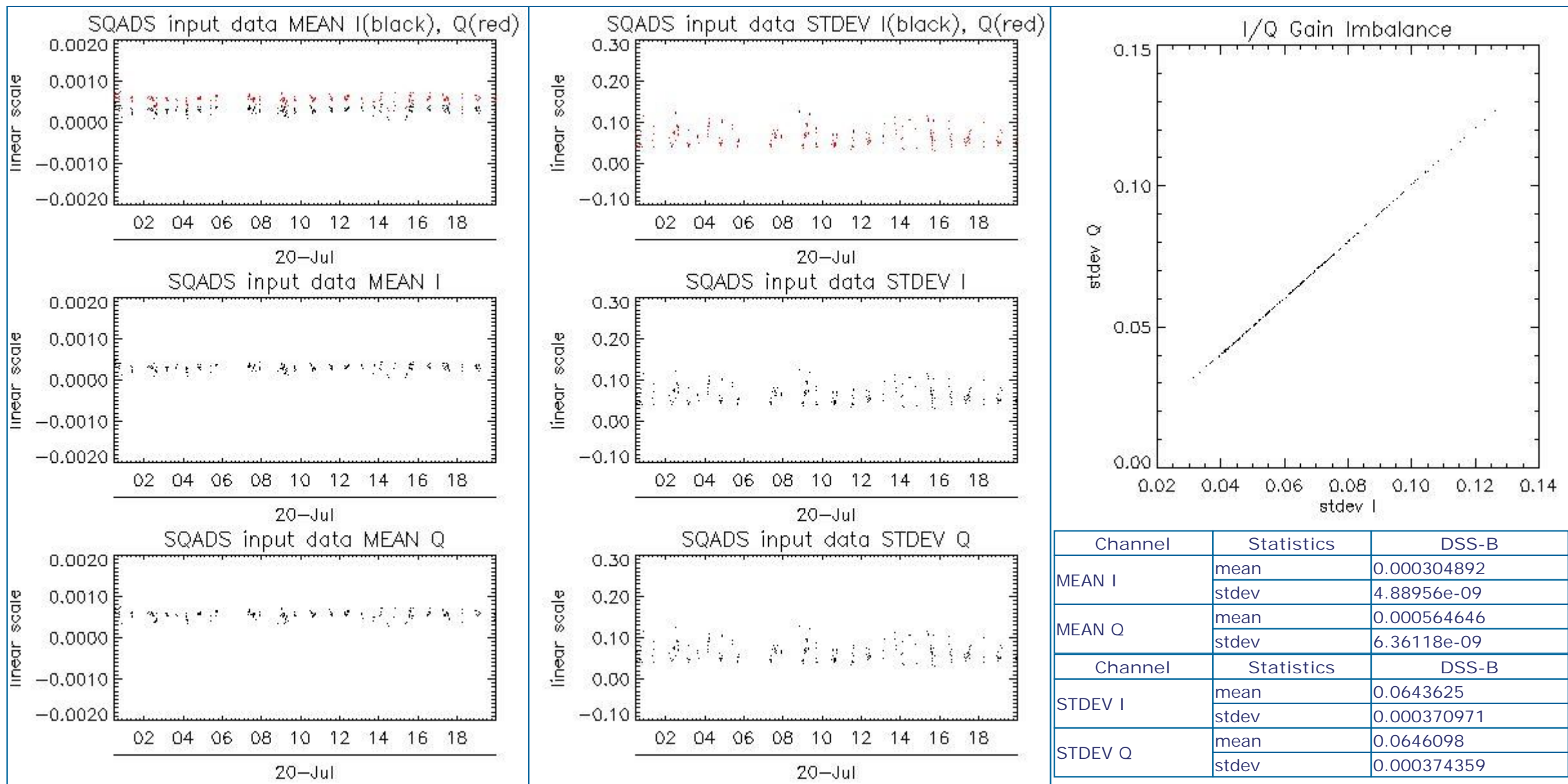




## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]

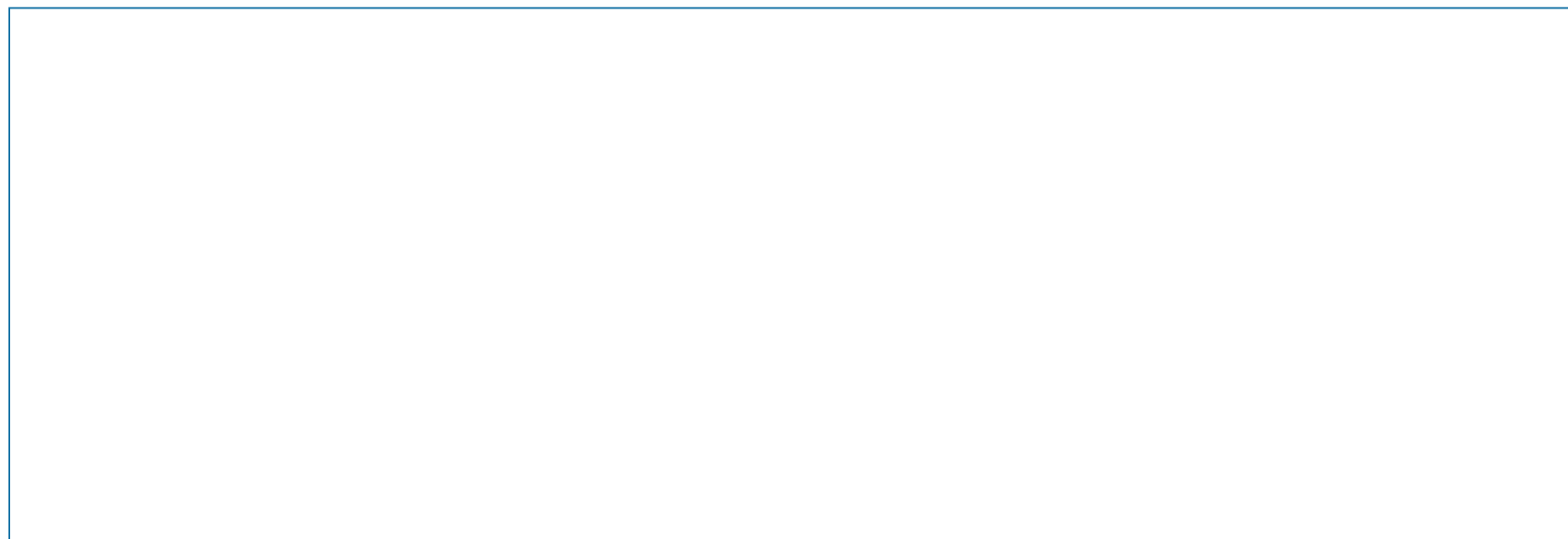


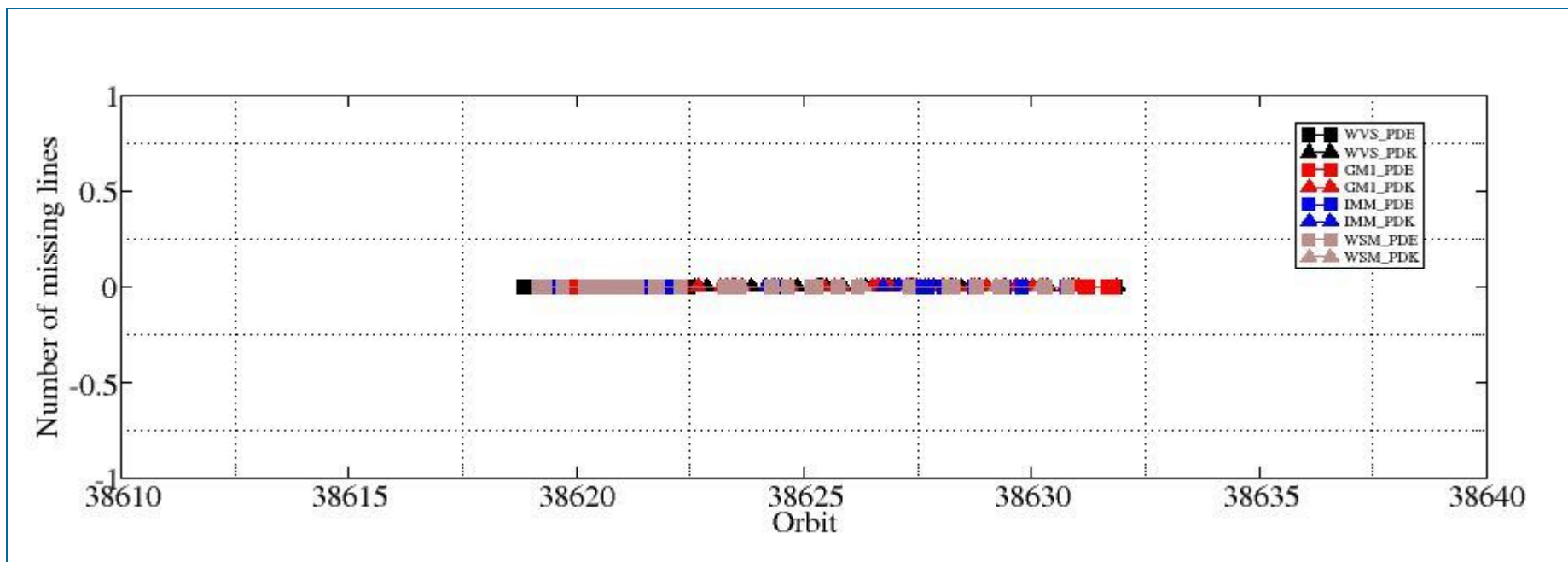


## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

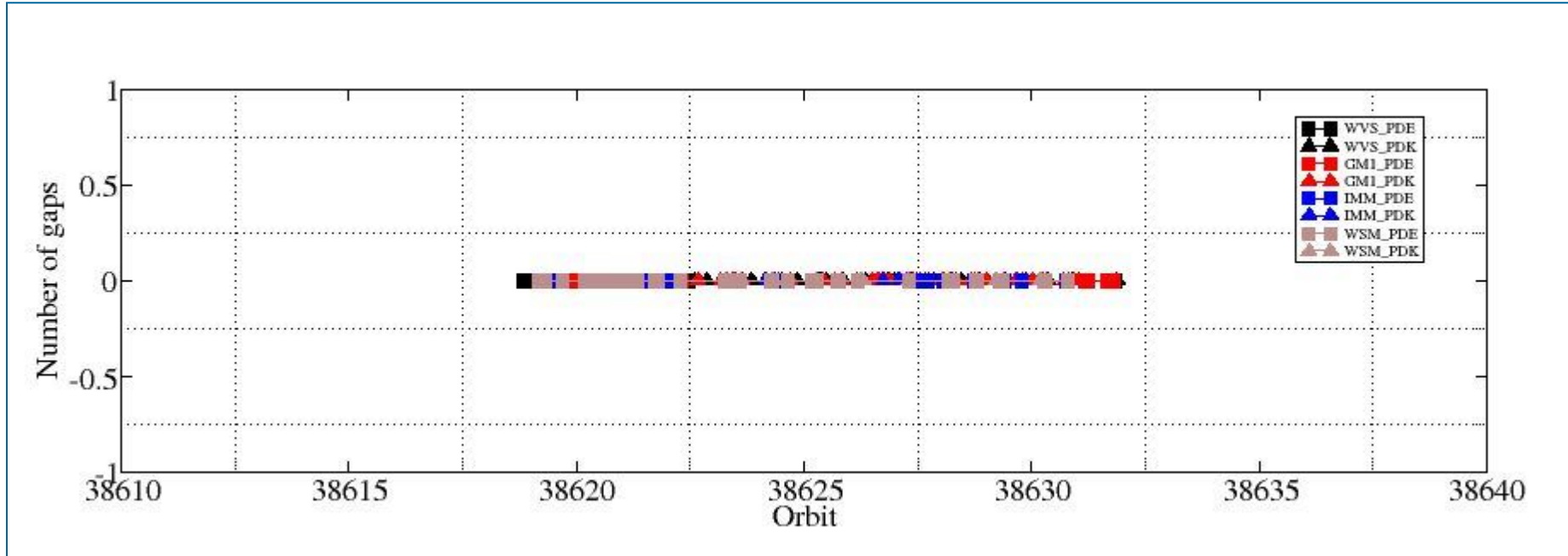
[ BACK TO MENU ]





## 8.2 - Number of Gaps

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



#####  
ASAR DAILY REPORT for 090720  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: TODAY

Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04  
Results will be exported to the directory: ./RESULTS/DAILY/090720/

DATA SUMMARY  
#####  
Summary will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04  
Results will be exported to the directory: ./RESULTS/DAILY/090720/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/090720/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/090720/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04  
Results will be exported to the directory: ./RESULTS/DAILY/090720/AUXILIARY

Creating directory ./RESULTS/DAILY/090720/AUXILIARY...

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



Found list 20090720\_030001\_current\_3\_IECF\_ADFs.txt...
Extracting ADFs...

ASA\_CON\_AXVIEC20081215\_141339\_20070204\_165113\_20091231\_000000
ASA\_INS\_AXVIEC20090525\_114808\_20090428\_100000\_20091231\_235959
ASA\_XCH\_AXVIEC20081215\_143642\_20020301\_000000\_20091231\_000000
ASA\_XCA\_AXVIEC20090311\_104501\_20080801\_000000\_20091231\_235959

Writing file ./RESULTS/DAILY/090720/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...
Writing file ./RESULTS/DAILY/090720/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_WVS.xls...
Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA\_WVS\_1PNPDE20090720\_004849\_000001342080\_00489\_38619\_5018.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_005229\_000007802080\_00489\_38619\_5033.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_011206\_000002852080\_00489\_38619\_5028.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_013643\_000001052080\_00489\_38619\_5023.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_013743\_000003302080\_00489\_38619\_5181.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_015407\_000000742080\_00490\_38620\_5191.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_015838\_000000592080\_00490\_38620\_5184.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_024053\_000009442080\_00490\_38620\_5470.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_025608\_000000902080\_00490\_38620\_5413.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_031719\_000000602080\_00490\_38620\_5347.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_032524\_000001042080\_00490\_38620\_5342.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_033324\_000000742080\_00491\_38621\_5330.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_041847\_000009292080\_00491\_38621\_5333.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_043402\_000001202080\_00491\_38621\_5555.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_045755\_000012892080\_00491\_38621\_5577.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDE20090720\_055835\_000009592080\_00492\_38622\_5572.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_061420\_000002702080\_00492\_38622\_6068.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_063831\_000018892080\_00492\_38622\_6082.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_075645\_000001502080\_00493\_38623\_6138.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_081907\_000017542080\_00493\_38623\_6141.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_085007\_000001202080\_00494\_38624\_6148.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
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ASA\_WVS\_1PNPDK20090720\_095943\_000018442080\_00494\_38624\_6270.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_104740\_000001802080\_00495\_38625\_6368.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_105238\_000002692080\_00495\_38625\_6396.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_110224\_000010942080\_00495\_38625\_6403.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_114019\_000018292080\_00495\_38625\_6460.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_122953\_000009592080\_00496\_38626\_6525.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_125734\_000002102080\_00496\_38626\_6530.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_132055\_000002102080\_00496\_38626\_6535.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_133302\_000006302080\_00496\_38626\_6540.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_141251\_000001342080\_00497\_38627\_6665.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_143145\_000005992080\_00497\_38627\_6674.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_150130\_000010492080\_00497\_38627\_6741.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_160340\_000011242080\_00498\_38628\_6789.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_164207\_000010192080\_00498\_38628\_6796.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_173942\_000013942080\_00499\_38629\_6908.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WVS\_1PNPDK20090720\_182531\_000009592080\_00499\_38629\_6911.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_GM1.xls...
Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA\_GM1\_1PNPDE20090720\_002920\_000000962080\_00489\_38619\_5010.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_GM1\_1PNPDE20090720\_003342\_000004412080\_00489\_38619\_5012.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK





ASA\_GM1\_1PNPDK20090720\_195954\_000002052080\_00500\_38630\_7012.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing APM products...

No APM products available for the selected period...

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Analysing IMM products...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20090720_003053_000001572080_00489_38619_5131.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_005146_00000362080_00489_38619_5116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_023127_00000462080_00490_38620_5277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_023326_00000822080_00490_38620_5172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_041013_000001812080_00491_38621_5540.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_041013_000003632080_00491_38621_5743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_041516_00000602080_00491_38621_5439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_052253_00000632080_00492_38622_5580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_052253_00000962080_00492_38622_5657.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_073948_00000832080_00493_38623_5821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_074440_00000382080_00493_38623_5807.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_091320_000002852080_00494_38624_6069.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_092317_00000542080_00494_38624_6007.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_142836_00000792080_00497_38627_6236.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_144821_00000682080_00497_38627_6238.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_152348_000001422080_00498_38628_6254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_162929_00000952080_00498_38628_6252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_173715_000001232080_00499_38629_6296.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090720_181551_000001302080_00499_38629_6270.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_084905_00000542080_00494_38624_6225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_091046_00000372080_00494_38624_6236.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_130741_000002262080_00496_38626_6642.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_134414_00000982080_00497_38627_6632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_134623_00000812080_00497_38627_6640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090720_154114_000001802080_00498_38628_6772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/090720/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20090720_002741_00000972080_00489_38619_5144.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_004108_000003672080_00489_38619_5542.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_004222_000002922080_00489_38619_5279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_012001_000003062080_00489_38619_5805.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_012115_000001152080_00489_38619_5174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_021208_00000972080_00490_38620_5284.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_022017_00000732080_00490_38620_5289.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_022017_000005132080_00490_38620_5538.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_022231_000001162080_00490_38620_5444.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_022529_000002012080_00490_38620_5445.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_023621_00000912080_00490_38620_5287.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_023833_000001342080_00490_38620_5307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_030722_00000732080_00490_38620_5448.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_030722_000003302080_00490_38620_5819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_031132_00000802080_00490_38620_5644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_033737_000001582080_00491_38621_5467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_040755_00000912080_00491_38621_5349.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_044536_000002502080_00491_38621_5878.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WSM_1PNPDE20090720_044536_000005922080_00491_38621_6005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_045250_000001572080_00491_38621_5879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_054005_000002692080_00492_38622_5655.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_072027_000003732080_00493_38623_6010.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_073258_000001902080_00493_38623_5998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_073258_000002932080_00493_38623_6015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_073258_000002932080_00493_38623_6152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_073709_000000422080_00493_38623_5849.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_075316_000001522080_00493_38623_5882.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_090000_000001342080_00494_38624_6037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_090630_000002192080_00494_38624_6067.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_094024_000002682080_00494_38624_6148.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_103111_000000732080_00495_38625_6124.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_103111_000003922080_00495_38625_6164.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_103326_000002572080_00495_38625_6150.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_103815_000001902080_00495_38625_6154.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_104030_000000552080_00495_38625_6086.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_104321_000001032080_00495_38625_6104.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_113021_000004902080_00495_38625_6192.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_113021_000005142080_00495_38625_6194.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_121423_000001902080_00496_38626_6190.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_121537_000001152080_00496_38626_6185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_140814_000001352080_00497_38627_6256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_153414_000003602080_00498_38628_6208.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_154544_000000982080_00498_38628_6258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_163408_000001352080_00498_38628_6266.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_163408_000003302080_00498_38628_6300.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_163718_000001392080_00498_38628_6267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_172531_000001902080_00499_38629_6306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_173125_000001352080_00499_38629_6298.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090720_173435_000000422080_00499_38629_6278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_072122_000002072080_00493_38623_6125.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_075510_000000972080_00493_38623_6238.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_090231_000001712080_00494_38624_6258.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_090715_000001702080_00494_38624_6260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_104209_000001352080_00495_38625_6365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_121833_000001832080_00496_38626_6509.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_122249_000000732080_00496_38626_6495.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_122249_000004212080_00496_38626_6619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_122504_000002852080_00496_38626_6511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_140449_000001832080_00497_38627_6650.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_153458_000002142080_00498_38628_6774.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_171700_000000922080_00499_38629_6884.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090720_172150_000001712080_00499_38629_6886.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Results will be exported to the directory: ./RESULTS/DAILY/090720/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/090720/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/090720/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/090720/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/090720/MODULE\_STEPPING/SECOND\_REFERENCE...



Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20050922\_062651\_000000152041\_00034\_18625\_0041.N1  
Test product: ASA\_MS\_\_0PNPDK20090719\_183644\_000000162080\_00485\_38615\_0847.N1  
H  
H  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20090719\_183644-20050922\_062651.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20090719\_183644-20050922\_062651.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20090719\_183644-20050922\_062651.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20090719\_183644-20050922\_062651.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20050923\_055514\_000000152041\_00048\_18639\_0042.N1  
Test product: ASA\_MS\_\_0PNPDK20090720\_180507\_000000162080\_00499\_38629\_0848.N1  
V  
V  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20090720\_180507-20050923\_055514.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20090720\_180507-20050923\_055514.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20090720\_180507-20050923\_055514.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20090720\_180507-20050923\_055514.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20090717\_143810\_000000162080\_00454\_38584\_0846.N1  
Test product: ASA\_MS\_\_0PNPDK20090719\_183644\_000000162080\_00485\_38615\_0847.N1  
H  
H  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20090719\_183644-20090717\_143810.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20090719\_183644-20090717\_143810.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20090719\_183644-20090717\_143810.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20090719\_183644-20090717\_143810.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDE20090718\_204857\_000000162080\_00472\_38602\_0441.N1  
Test product: ASA\_MS\_\_0PNPDK20090720\_180507\_000000162080\_00499\_38629\_0848.N1  
V  
V  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20090720\_180507-20090718\_204857.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20090720\_180507-20090718\_204857.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20090720\_180507-20090718\_204857.png  
../../../../RESULTS/DAILY/090720/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20090720\_180507-20090718\_204857.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/090720/CALIBRATION\_PULSES...

\*\*\*\*\*  
\*\*\*\*\*  
ALL ROWS Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...



\*\*\*\*\*  
 \*\*\*\*\*  
 TEMPORAL EVOLUTION Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-07-20\_1.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-07-20\_2.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-07-20\_3.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2009-07-20\_4.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/090720//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 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-07-20\_1.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-07-20\_2.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-07-20\_3.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-20 00:00:00 to 2009-07-20 23:00:04. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/090720/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2009-07-20\_4.dat...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/090720//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/090720/DOPPLER...

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

DOPPLER ANX Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2009-07-20.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/090720/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2009-07-20.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/090720/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...  
Writing file ./RESULTS/DAILY/090720/DOPPLER/Doppler\_Jumps\_data\_WSM\_2009-07-20.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/090720/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/090720/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing products WVS IS2 V/V  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -27.518034 Hz  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -25.220536 Hz  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/090720//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 = -12.180070 Hz  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -25.368776 Hz  
Writing file ../../RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...

Writing file ../.././RESULTS/DAILY/090720//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090720/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Analysing products WSM SS1 H/H

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 H/H from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...

Writing file ./RESULTS/DAILY/090720/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2009-07-20.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/090720/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...

Writing file ../.././RESULTS/DAILY/090720/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*

Getting ScaleFactor data for WSM SS1 V/V from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...

Writing file ./RESULTS/DAILY/090720/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2009-07-20.dat...

Running IDL program...

Writing file ../.././RESULTS/DAILY/090720/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...

Writing file ../.././RESULTS/DAILY/090720/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04

Results will be exported to the directory: ./RESULTS/DAILY/090720/RAW\_DATA

Creating directory ./RESULTS/DAILY/090720/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...

Writing file ./RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_WVS\_2009-07-20.dat...

Running IDL program to create graphs...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2009-07-20 00:00:00 to 2009-07-20 23:00:04...

Writing file ./RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_IMM\_2009-07-20.dat...

Running IDL program to create graphs...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...

Creating image ../.././RESULTS/DAILY/090720/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2009-07-20 00:00:00 to 2009-07-20 23:00:04  
Results will be exported to the directory: ./RESULTS/DAILY/090720/TELEMETRY

Creating directory ./RESULTS/DAILY/090720/TELEMETRY...

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

\*\*\*\*\*

Checking 19 products from PDE...  
Checking 25 products from PDK...

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

\*\*\*\*\*

Checking 27 products from PDE...  
Checking 50 products from PDK...

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

\*\*\*\*\*

No products from PDE...  
No products from PDK...

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

\*\*\*\*\*

Checking 21 products from PDE...  
Checking 6 products from PDK...

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

\*\*\*\*\*

Checking 54 products from PDE...  
Checking 15 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/090720/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/090720/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2009-07-20

\*\*\*\*\*

Scanning directory /nas3/ENVISAT/ASAR//ASA\_GM\_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_GM\_BP/JPG/20090720/

- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_072657\_000003562080\_00493\_38623\_6130.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_073754\_000001142080\_00493\_38623\_6132.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_074121\_000001992080\_00493\_38623\_6134.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_074528\_000004652080\_00493\_38623\_6136.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_080004\_000011422080\_00493\_38623\_6224.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_085243\_000004342080\_00494\_38624\_6151.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_091816\_000003022080\_00494\_38624\_6265.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_094457\_000008822080\_00494\_38624\_6332.N1 ...
- Stripping browse product /nas3/ENVISAT/ASAR//ASA\_GM\_BP/ASA\_GM\_BPZPDK20090720\_104509\_000001502080\_00495\_38625\_6376.N1 ...

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_105747_000002772080_00495_38625_6399.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_112116_000005432080_00495_38625_6401.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_113858_000000782080_00495_38625_6406.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_121135_000001632080_00496_38626_6458.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_124641_000005372080_00496_38626_6521.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_125545_000001082080_00496_38626_6523.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_130152_000003502080_00496_38626_6528.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_131158_000005312080_00496_38626_6533.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_132511_000004712080_00496_38626_6538.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_134756_000008942080_00497_38627_6592.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_140203_000001632080_00497_38627_6661.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_141033_000001322080_00497_38627_6659.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_141551_000002172080_00497_38627_6663.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_142408_000002712080_00497_38627_6668.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_143005_000000962080_00497_38627_6672.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_144228_000003562080_00497_38627_6670.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_144940_000007062080_00497_38627_6677.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_151937_000002532080_00498_38628_6679.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_152621_000004712080_00498_38628_6744.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_154425_000000722080_00498_38628_6783.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_155041_000004412080_00498_38628_6787.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_162304_000003862080_00498_38628_6785.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_163118_000001692080_00498_38628_6792.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_163942_000001442080_00498_38628_6794.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDK20090720_165944_000010332080_00499_38629_6880.N1 ...
```

ANALYSIS COMPLETED: 34 GM browse products to see...

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nas3/ENVISAT/ASAR//ASA\_AP\_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_AP\_BP/JPG/20090720/

ANALYSIS COMPLETED: 0 AP browse products to see...

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nas3/ENVISAT/ASAR//ASA\_IM\_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_IM\_BP/JPG/20090720/

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_084905_000000542080_00494_38624_6226.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_091046_000000372080_00494_38624_6237.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_130741_000002262080_00496_38626_6643.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_134414_000000982080_00497_38627_6633.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_134623_000000812080_00497_38627_6641.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDK20090720_154114_000001802080_00498_38628_6773.N1 ...
```

ANALYSIS COMPLETED: 6 IM browse products to see...

\*\*\*\*\*

\*\*\*\*\*

Scanning directory /nas3/ENVISAT/ASAR//ASA\_WS\_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA\_WS\_BP/JPG/20090720/

```
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_075510_000000972080_00493_38623_6239.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_090231_000001712080_00494_38624_6259.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_090715_000001702080_00494_38624_6261.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_104209_000001352080_00495_38625_6366.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_121833_000001832080_00496_38626_6510.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_122249_000000732080_00496_38626_6496.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_122249_000004212080_00496_38626_6620.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_122504_000002852080_00496_38626_6512.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_140449_000001832080_00497_38627_6651.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_153458_000002142080_00498_38628_6775.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_171700_000000922080_00499_38629_6885.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090720_172150_000001712080_00499_38629_6887.N1 ...
```

ANALYSIS COMPLETED: 12 WS browse products to see...  
\*\*\*\*\*

BROWSE PRODUCTS ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/090720/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  
#####



# ASAR Daily Report





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_1PNPDE20090720_002920_000000962080_00489_38619_5010.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_003342_000004412080_00489_38619_5012.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_004723_000000842080_00489_38619_5020.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_010607_000003562080_00489_38619_5030.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_011740_000001382080_00489_38619_5025.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_012510_000006882080_00489_38619_5035.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_014401_000006042080_00489_38619_5188.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_020027_000006942080_00490_38620_5199.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_021348_000003862080_00490_38620_5193.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_022853_000001502080_00490_38620_5186.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_023459_000000782080_00490_38620_5201.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_025816_000005432080_00490_38620_5419.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_031256_000002592080_00490_38620_5417.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_031856_000002472080_00490_38620_5351.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_032309_000001322080_00490_38620_5344.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_032759_000003262080_00490_38620_5339.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_034220_000015282080_00491_38621_5421.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_041629_000001322080_00491_38621_5327.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_043852_000003982080_00491_38621_5567.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_045532_000001382080_00491_38621_5565.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_052004_000001692080_00492_38622_5563.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_052441_000009182080_00492_38622_5569.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090720_054439_000008332080_00492_38622_5574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_061928_000011422080_00492_38622_6112.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_071040_000005792080_00493_38623_6084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_072657_000003562080_00493_38623_6129.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_073754_000001142080_00493_38623_6131.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_074121_000001992080_00493_38623_6133.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_074528_000004652080_00493_38623_6135.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_080004_000011422080_00493_38623_6223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_085243_000004342080_00494_38624_6150.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_091816_000003022080_00494_38624_6264.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_094457_000008822080_00494_38624_6331.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_104509_000001502080_00495_38625_6375.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_105747_000002772080_00495_38625_6398.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_112116_000005432080_00495_38625_6400.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_113858_000000782080_00495_38625_6405.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_121135_000001632080_00496_38626_6457.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_124641_000005372080_00496_38626_6520.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_125545_000001082080_00496_38626_6522.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_130152_000003502080_00496_38626_6527.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_131158_000005312080_00496_38626_6532.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_132511_000004712080_00496_38626_6537.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_134756_000008942080_00497_38627_6591.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_140203_000001632080_00497_38627_6660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_141033_000001322080_00497_38627_6658.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_141551_000002172080_00497_38627_6662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_142408_000002712080_00497_38627_6667.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_143005_000000962080_00497_38627_6671.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_144228_000003562080_00497_38627_6669.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_144940_000007062080_00497_38627_6676.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_151937_000002532080_00498_38628_6678.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_152621_000004712080_00498_38628_6743.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_154425_000000722080_00498_38628_6782.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_155041_000004412080_00498_38628_6786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_162304_000003862080_00498_38628_6784.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_163118_000001692080_00498_38628_6791.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_163942_000001442080_00498_38628_6793.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_165944_000010332080_00499_38629_6879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_171834_000001932080_00499_38629_6888.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_173523_000001142080_00499_38629_6898.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_180340_000000842080_00499_38629_6896.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_180625_000005672080_00499_38629_6900.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_181812_000001872080_00499_38629_6902.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20090720_184220_000008212080_00500_38630_6905.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_185455_000001572080_00500_38630_7002.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_190159_000001692080_00500_38630_7004.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_190437_000000662080_00500_38630_7006.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_191152_000001022080_00500_38630_7008.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_194733_000004162080_00500_38630_7010.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090720_195954_000002052080_00500_38630_7012.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_1PNPDE20090720_003053_000001572080_00489_38619_5131.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20090720_023127_000000462080_00490_38620_5277.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_023326_000000822080_00490_38620_5172.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_041013_000001812080_00491_38621_5540.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_041013_000003632080_00491_38621_5743.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_041516_000000602080_00491_38621_5439.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_052253_000000632080_00492_38622_5580.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_052253_000000962080_00492_38622_5657.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_073948_000000832080_00493_38623_5821.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_074440_000000382080_00493_38623_5807.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_091320_000002852080_00494_38624_6069.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_092317_000000542080_00494_38624_6007.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_142836_000000792080_00497_38627_6236.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_144821_000000682080_00497_38627_6238.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_152348_000001422080_00498_38628_6254.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_162929_000000952080_00498_38628_6252.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_173715_000001232080_00499_38629_6296.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090720_181551_000001302080_00499_38629_6270.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_084905_000000542080_00494_38624_6225.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_091046_000000372080_00494_38624_6236.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_130741_000002262080_00496_38626_6642.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_134414_000000982080_00497_38627_6632.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_134623_000000812080_00497_38627_6640.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20090720_154114_000001802080_00498_38628_6772.N1					OK	OK	OK	OK

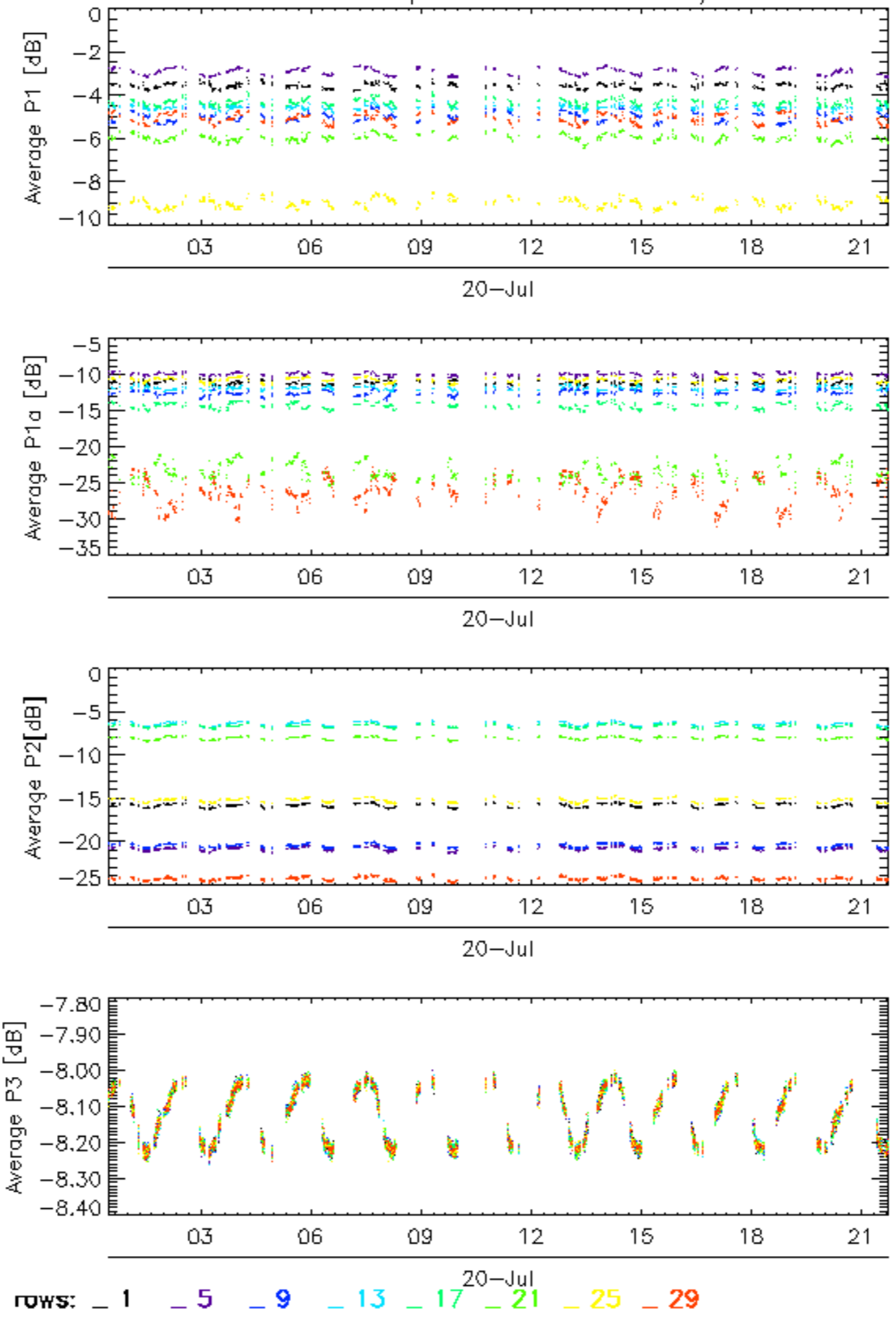
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WSM_1PNPDE20090720_004108_000003672080_00489_38619_5542.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_004222_000002922080_00489_38619_5279.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_012001_000003062080_00489_38619_5805.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_012115_000001152080_00489_38619_5174.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_021208_000000972080_00490_38620_5284.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_022017_000000732080_00490_38620_5289.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_022017_000005132080_00490_38620_5538.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_022231_000001162080_00490_38620_5444.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_022529_000002012080_00490_38620_5445.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_023621_000000912080_00490_38620_5287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_023833_000001342080_00490_38620_5307.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_030722_000000732080_00490_38620_5448.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_030722_000003302080_00490_38620_5819.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_031132_000000802080_00490_38620_5644.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_033737_000001582080_00491_38621_5467.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_040755_000000912080_00491_38621_5349.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_044536_000002502080_00491_38621_5878.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_044536_000005922080_00491_38621_6005.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_045250_000001572080_00491_38621_5879.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_054005_000002692080_00492_38622_5655.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_072027_000003732080_00493_38623_6010.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_073258_000001902080_00493_38623_5998.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_073258_000002932080_00493_38623_6015.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_073258_000002932080_00493_38623_6152.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_073709_000000422080_00493_38623_5849.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_075316_000001522080_00493_38623_5882.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_090000_000001342080_00494_38624_6037.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_090630_000002192080_00494_38624_6067.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_094024_000002682080_00494_38624_6148.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_103111_000000732080_00495_38625_6124.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_103111_000003922080_00495_38625_6164.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_103326_000002572080_00495_38625_6150.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_103815_000001902080_00495_38625_6154.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_104030_000000552080_00495_38625_6086.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_104321_000001032080_00495_38625_6104.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_113021_000004902080_00495_38625_6192.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_113021_000005142080_00495_38625_6194.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_121423_000001902080_00496_38626_6190.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_121537_000001152080_00496_38626_6185.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_140814_000001352080_00497_38627_6256.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_153414_000003602080_00498_38628_6208.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_154544_000000982080_00498_38628_6258.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_163408_000001352080_00498_38628_6266.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_163408_000003302080_00498_38628_6300.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_163718_000001392080_00498_38628_6267.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_172531_000001902080_00499_38629_6306.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_173125_000001352080_00499_38629_6298.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20090720_173435_000000422080_00499_38629_6278.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_072122_000002072080_00493_38623_6125.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_075510_000000972080_00493_38623_6238.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_090231_000001712080_00494_38624_6258.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_090715_000001702080_00494_38624_6260.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_104209_000001352080_00495_38625_6365.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_121833_000001832080_00496_38626_6509.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_122249_000000732080_00496_38626_6495.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_122249_000004212080_00496_38626_6619.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_122504_000002852080_00496_38626_6511.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_140449_000001832080_00497_38627_6650.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_153458_000002142080_00498_38628_6774.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_171700_000000922080_00499_38629_6884.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20090720_172150_000001712080_00499_38629_6886.N1					OK	OK	OK	OK

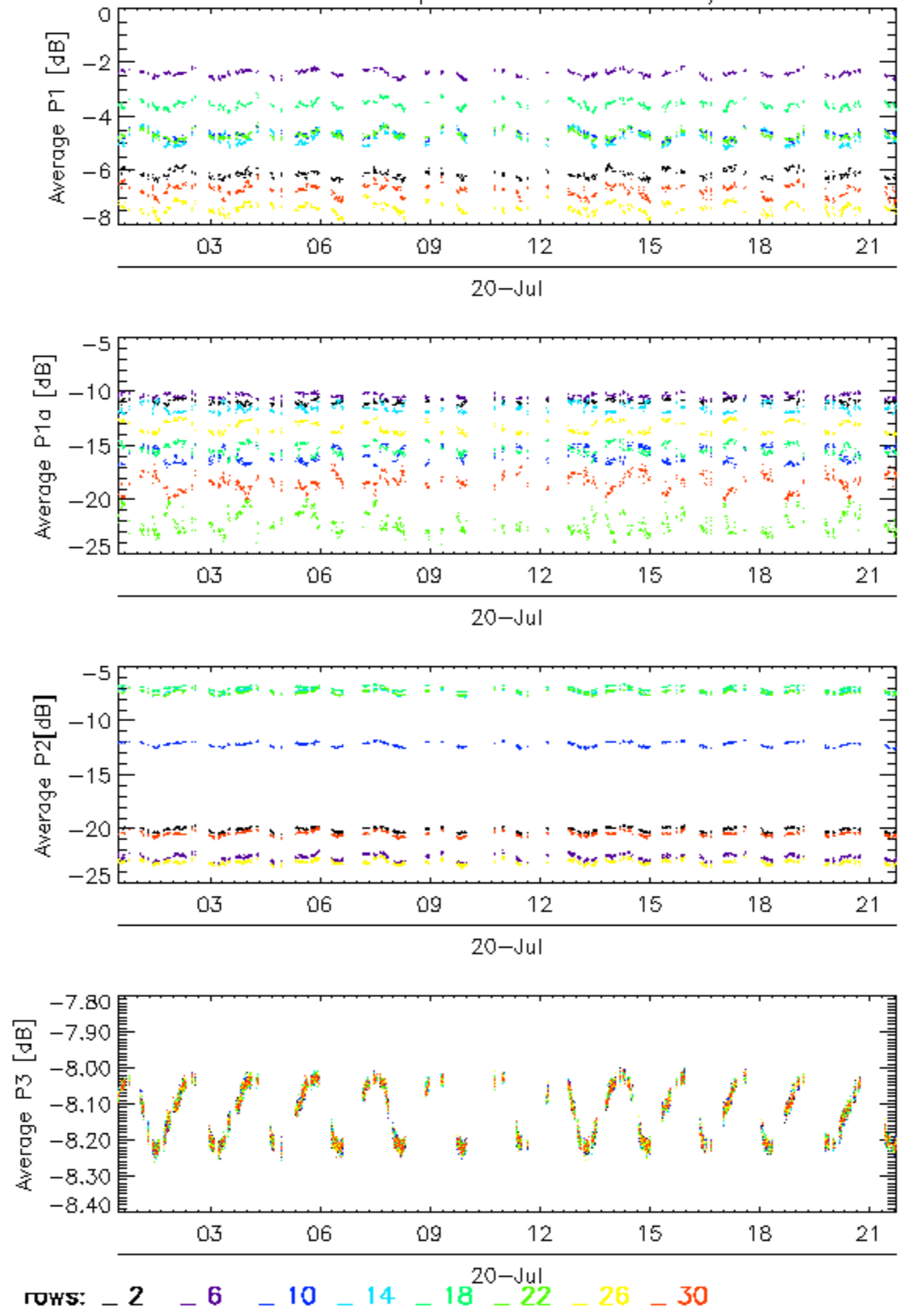
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20090720_005229_000007802080_00489_38619_5033.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_011206_000002852080_00489_38619_5028.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_013643_000001052080_00489_38619_5023.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_013743_000003302080_00489_38619_5181.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_015407_000000742080_00490_38620_5191.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_015838_000000592080_00490_38620_5184.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_024053_000009442080_00490_38620_5470.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_025608_000000902080_00490_38620_5413.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_031719_000000602080_00490_38620_5347.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_032524_000001042080_00490_38620_5342.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_033324_000000742080_00491_38621_5330.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_041847_000009292080_00491_38621_5333.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_043402_000001202080_00491_38621_5555.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_045755_000012892080_00491_38621_5577.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090720_055835_000009592080_00492_38622_5572.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_061420_000002702080_00492_38622_6068.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_063831_000018892080_00492_38622_6082.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20090720_095943_000018442080_00494_38624_6270.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_104740_000001802080_00495_38625_6368.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20090720_122953_000009592080_00496_38626_6525.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_125734_000002102080_00496_38626_6530.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_132055_000002102080_00496_38626_6535.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_133302_000006302080_00496_38626_6540.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20090720_143145_000005992080_00497_38627_6674.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20090720_160340_000011242080_00498_38628_6789.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_164207_000010192080_00498_38628_6796.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_173942_000013942080_00499_38629_6908.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20090720_182531_000009592080_00499_38629_6911.N1					OK	OK	OK	OK

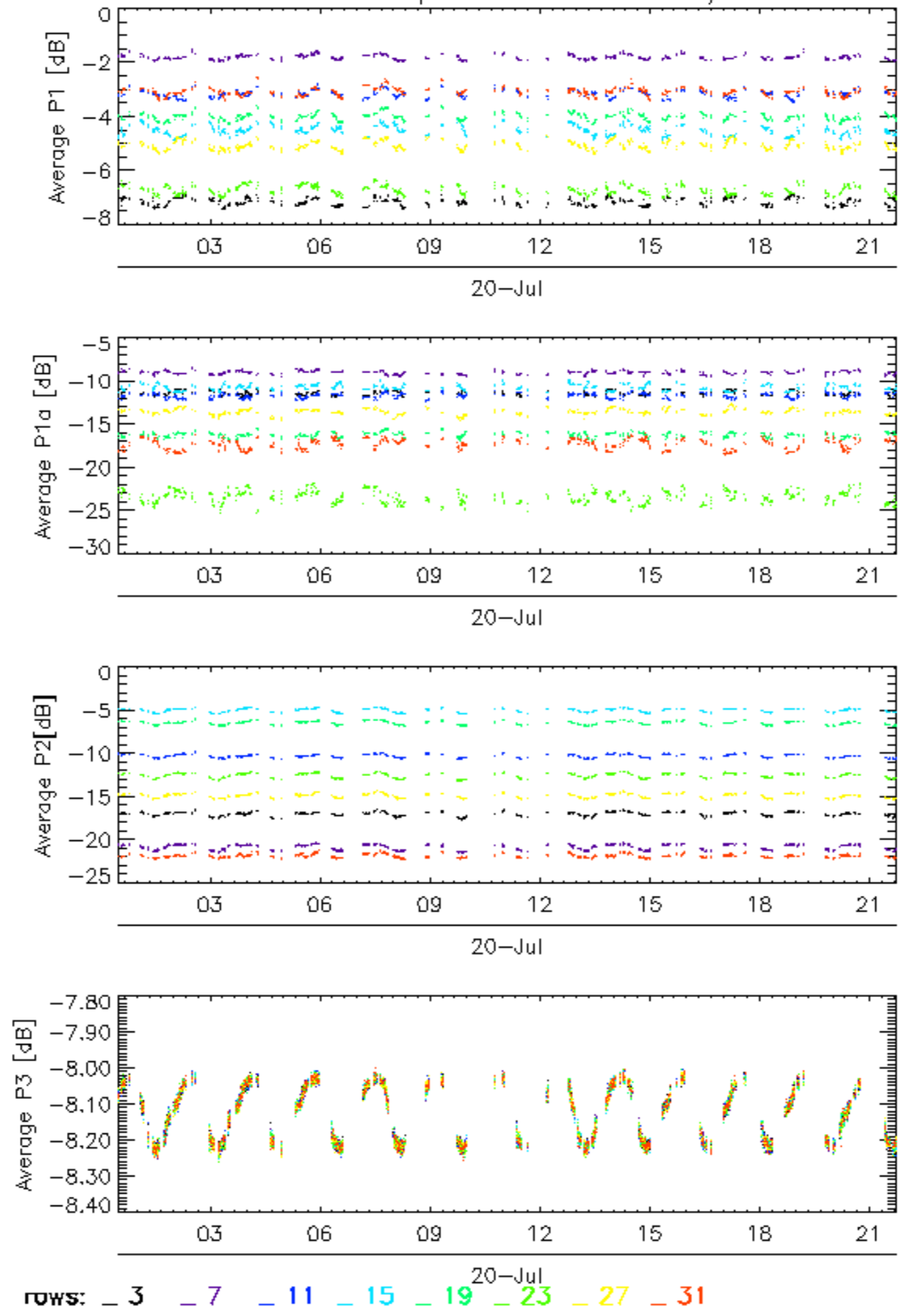
### Calibration pulses for GM1 SS3 H/H



### Calibration pulses for GM1 SS3 H/H

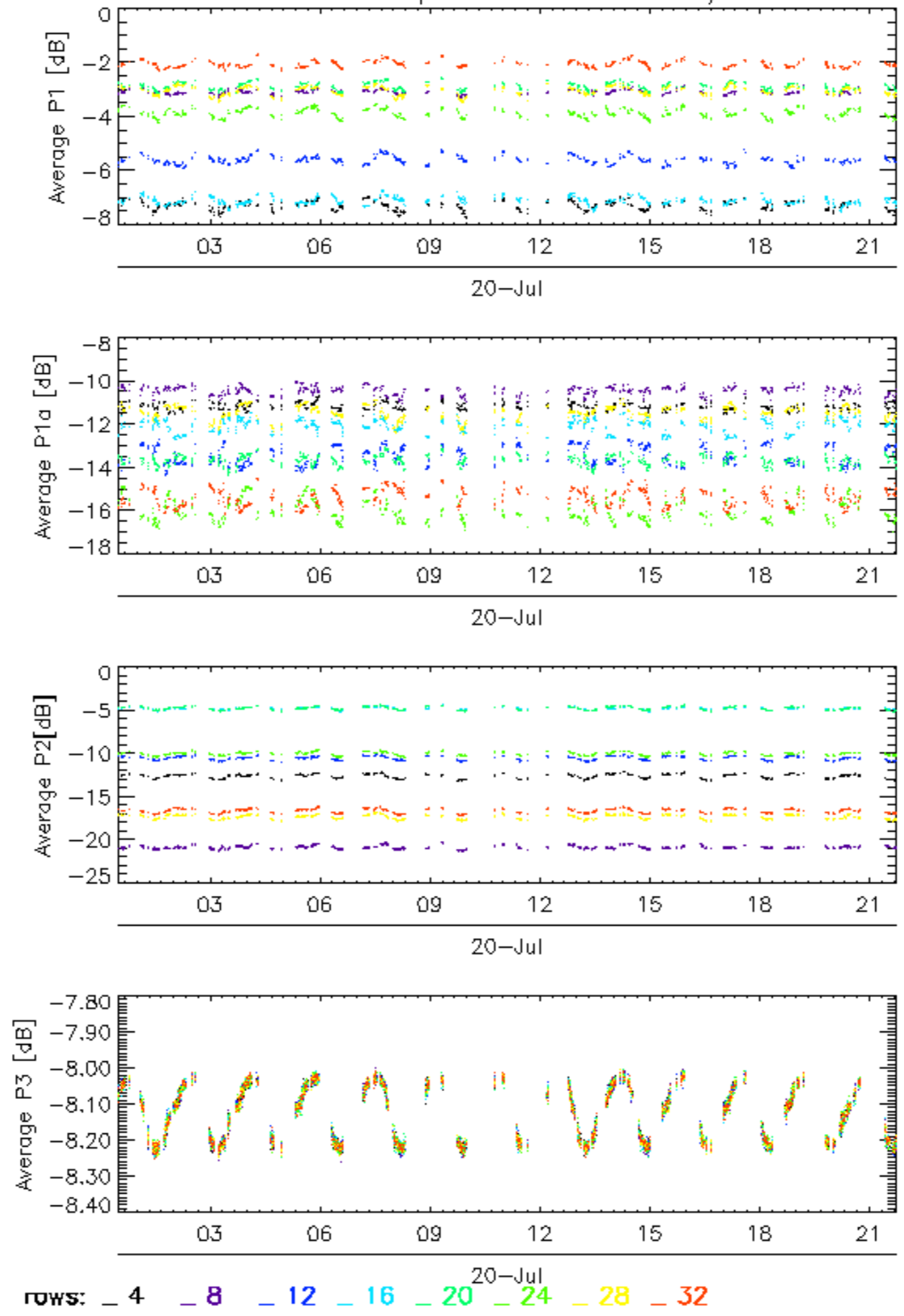


Calibration pulses for GM1 SS3 H/H

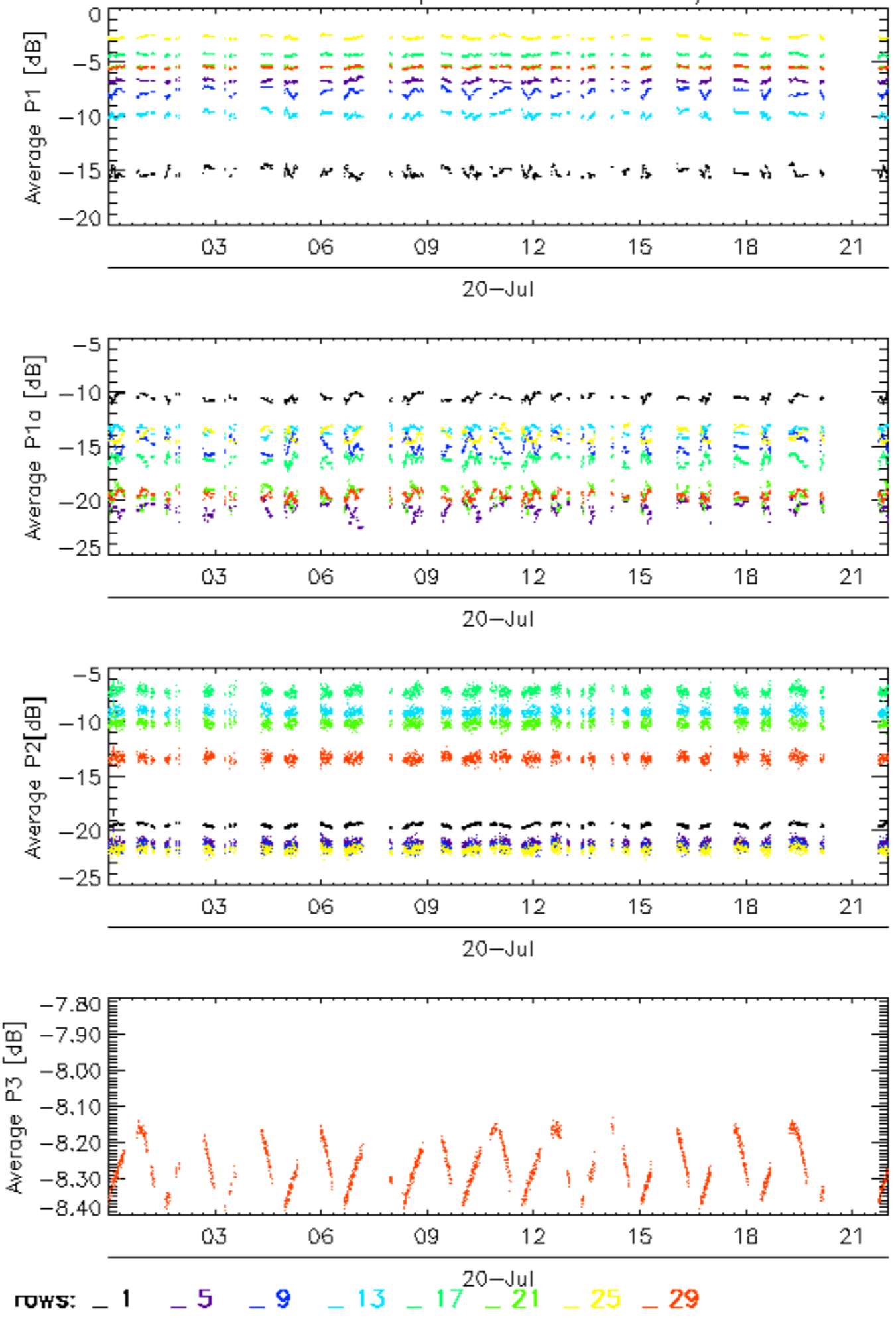




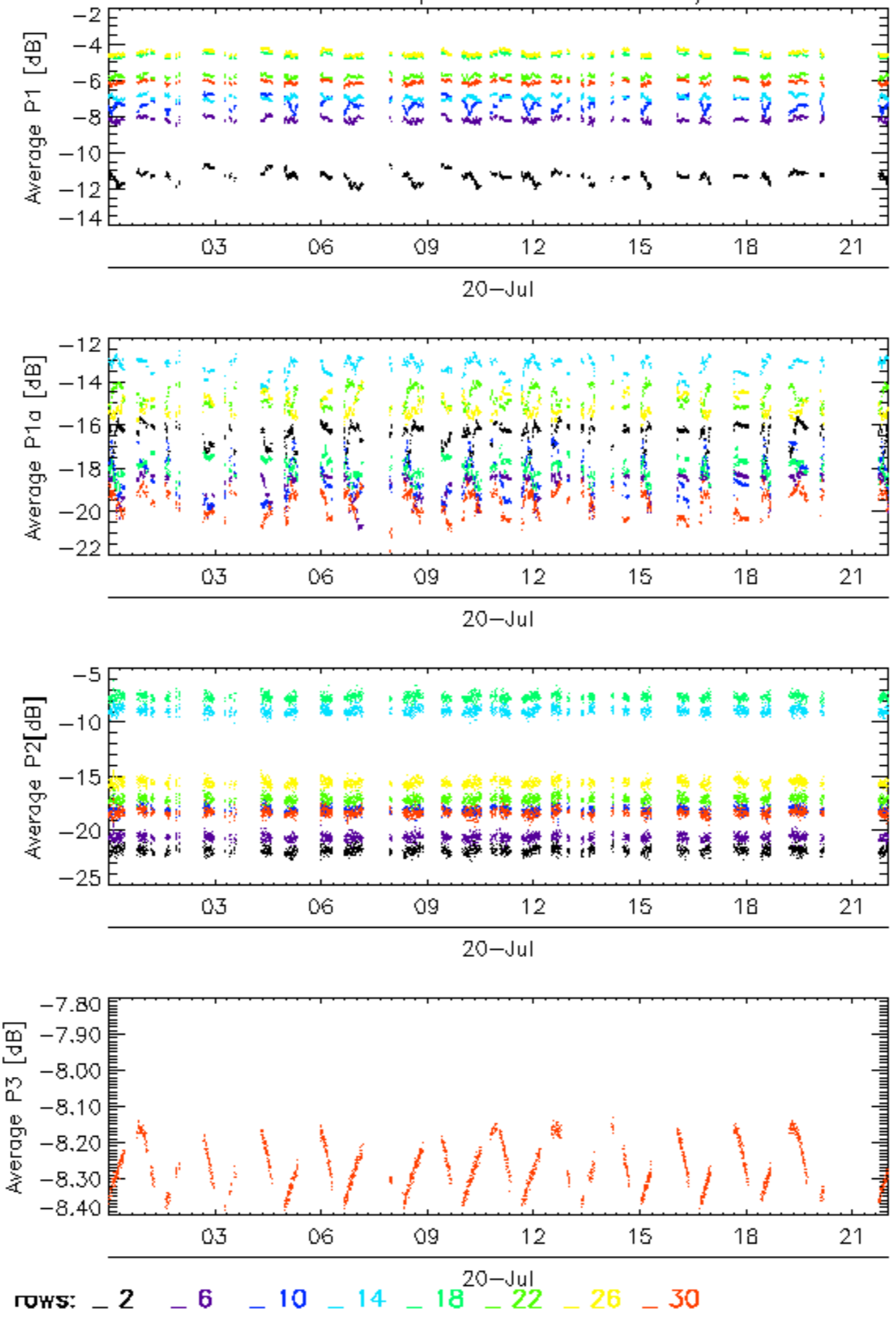
### Calibration pulses for GM1 SS3 H/H



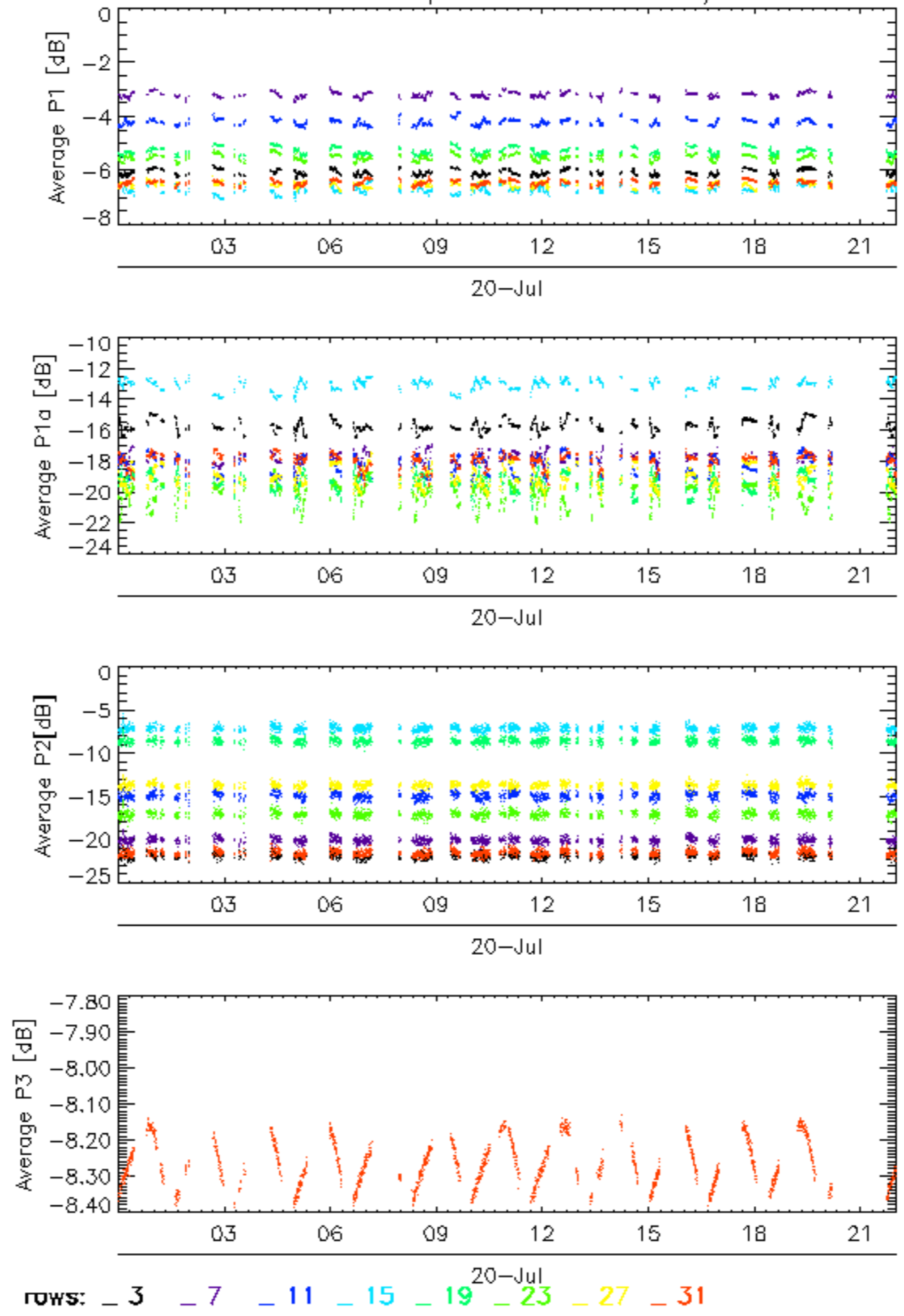
### Calibration pulses for WVS IS2 V/V



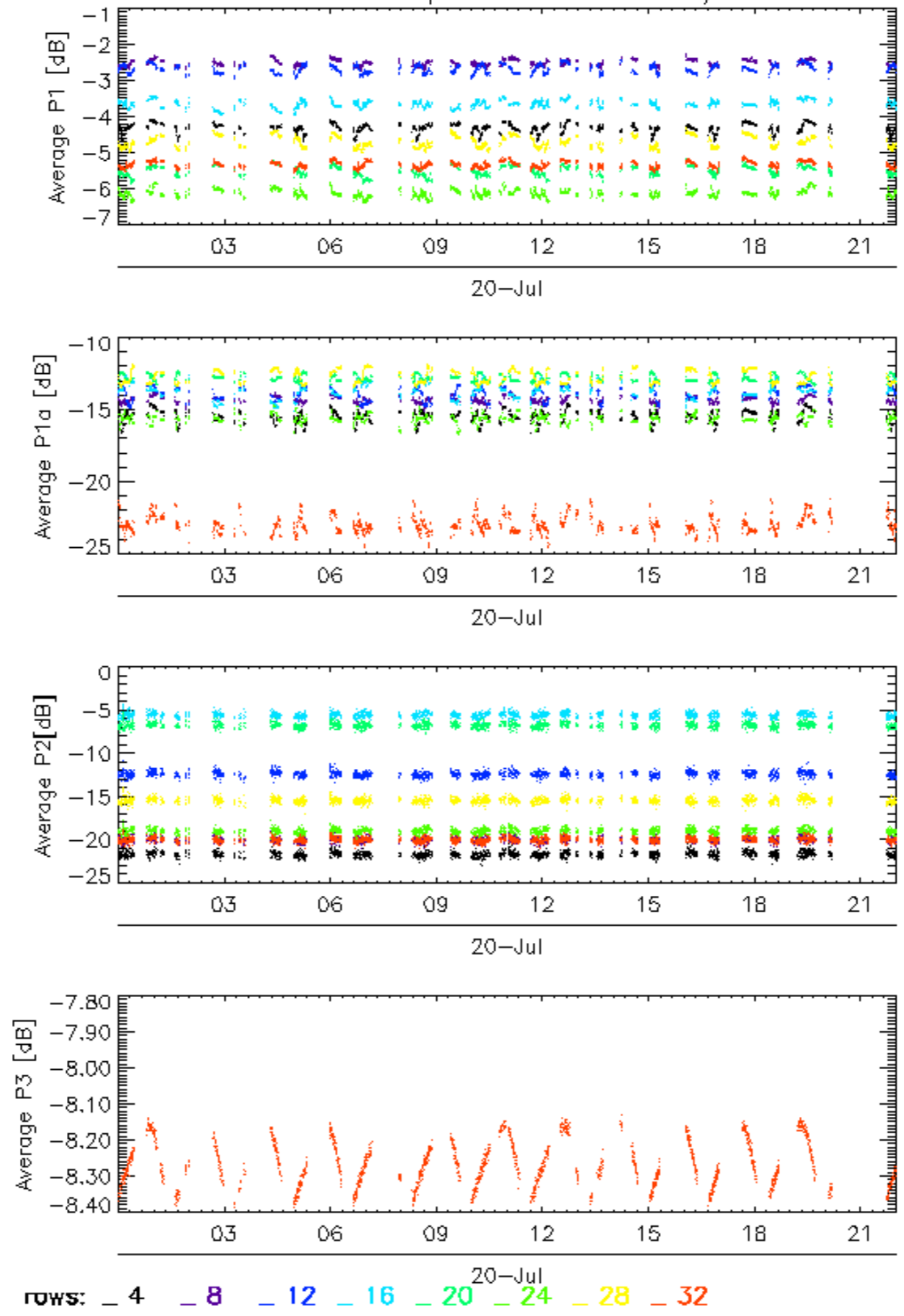
Calibration pulses for WVS IS2 V/V

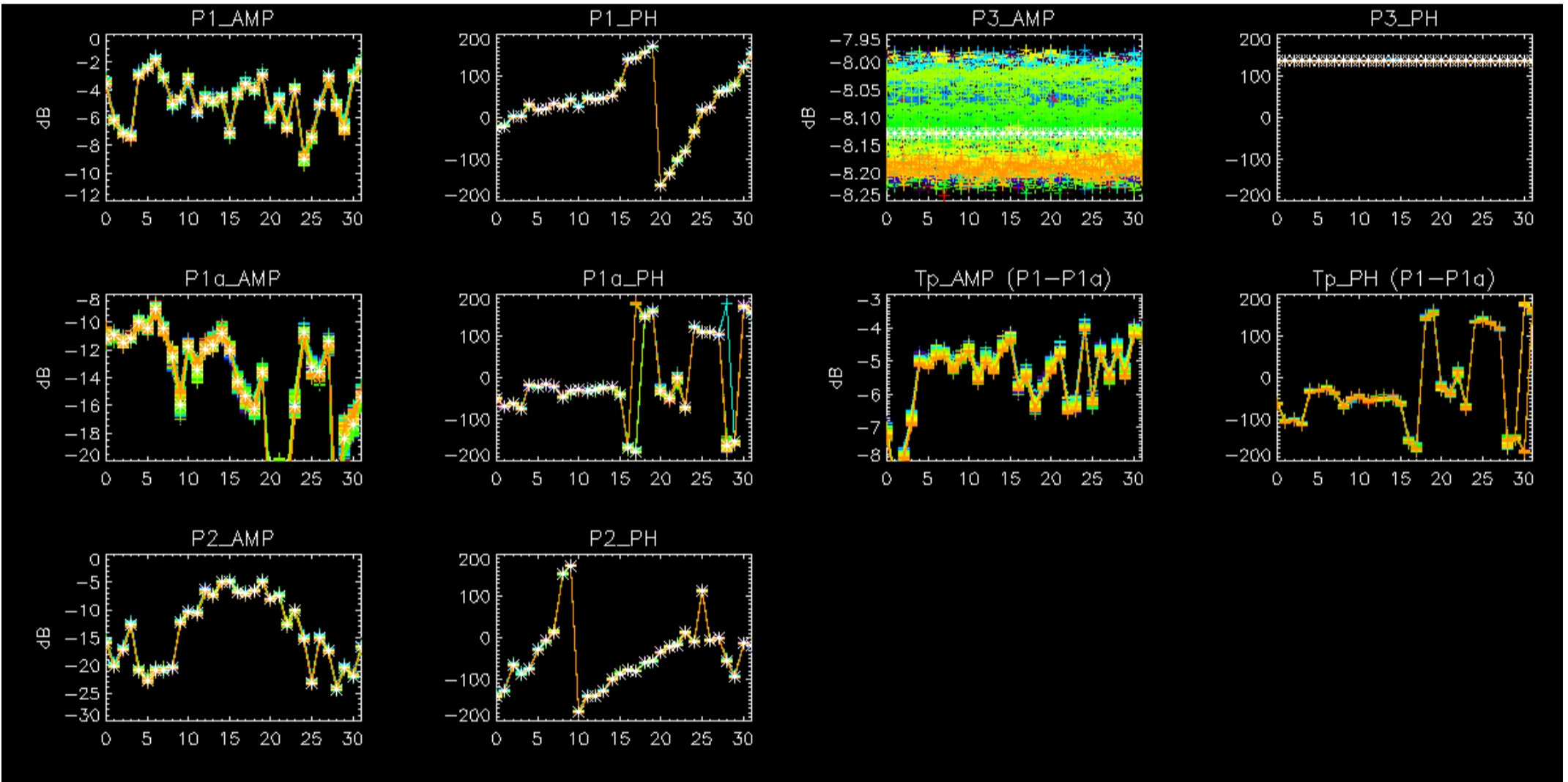


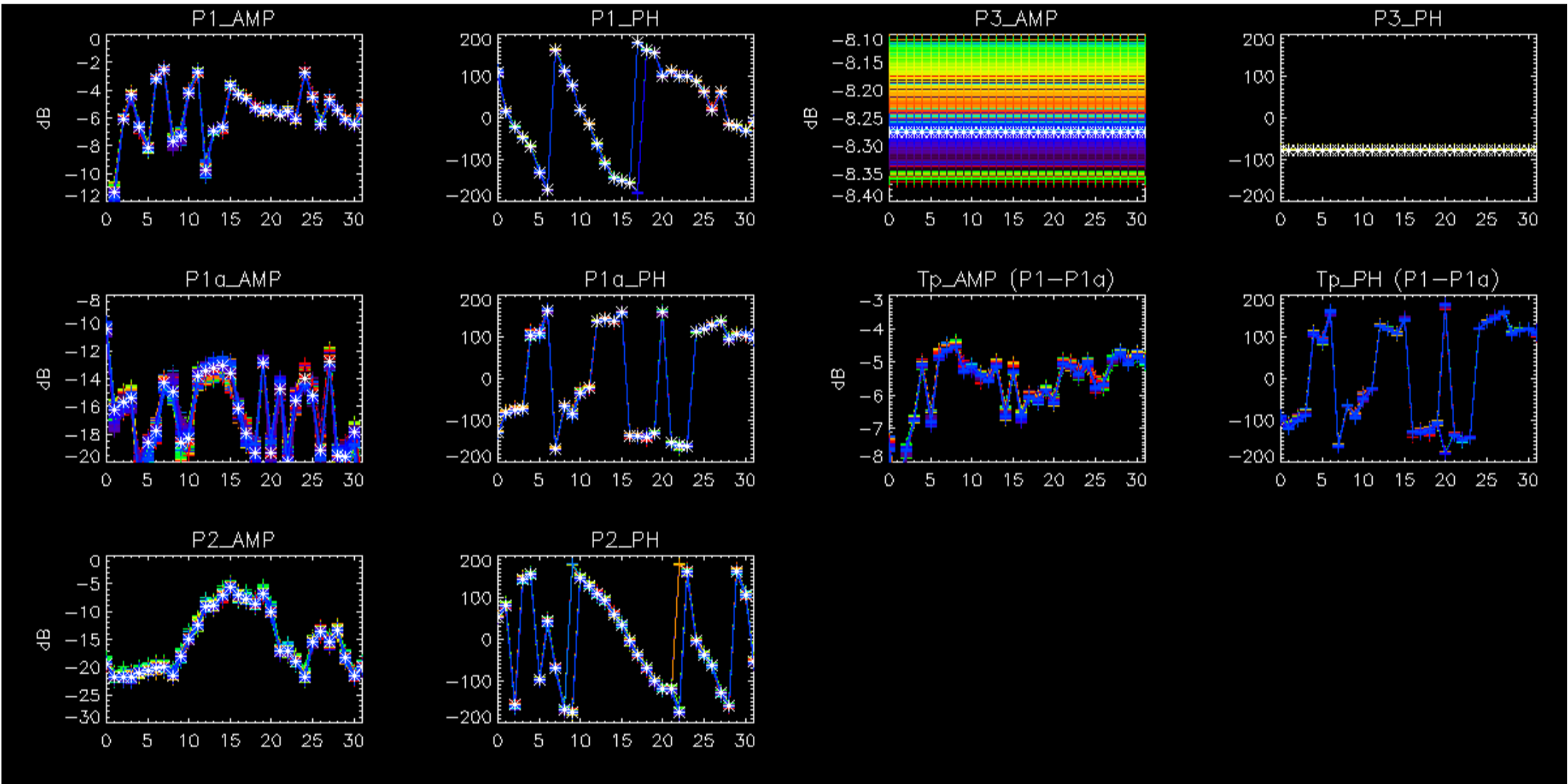
Calibration pulses for WVS IS2 V/V

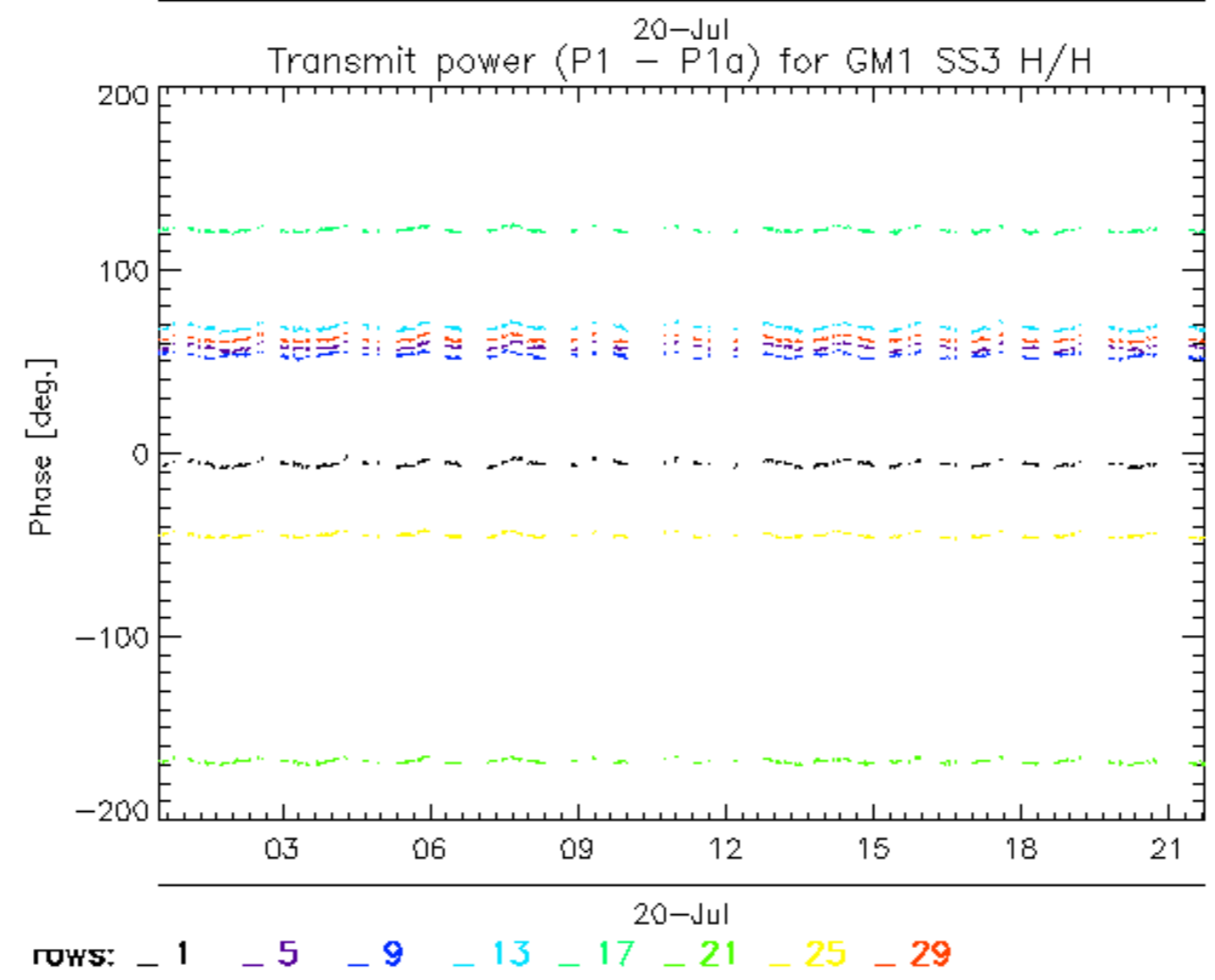
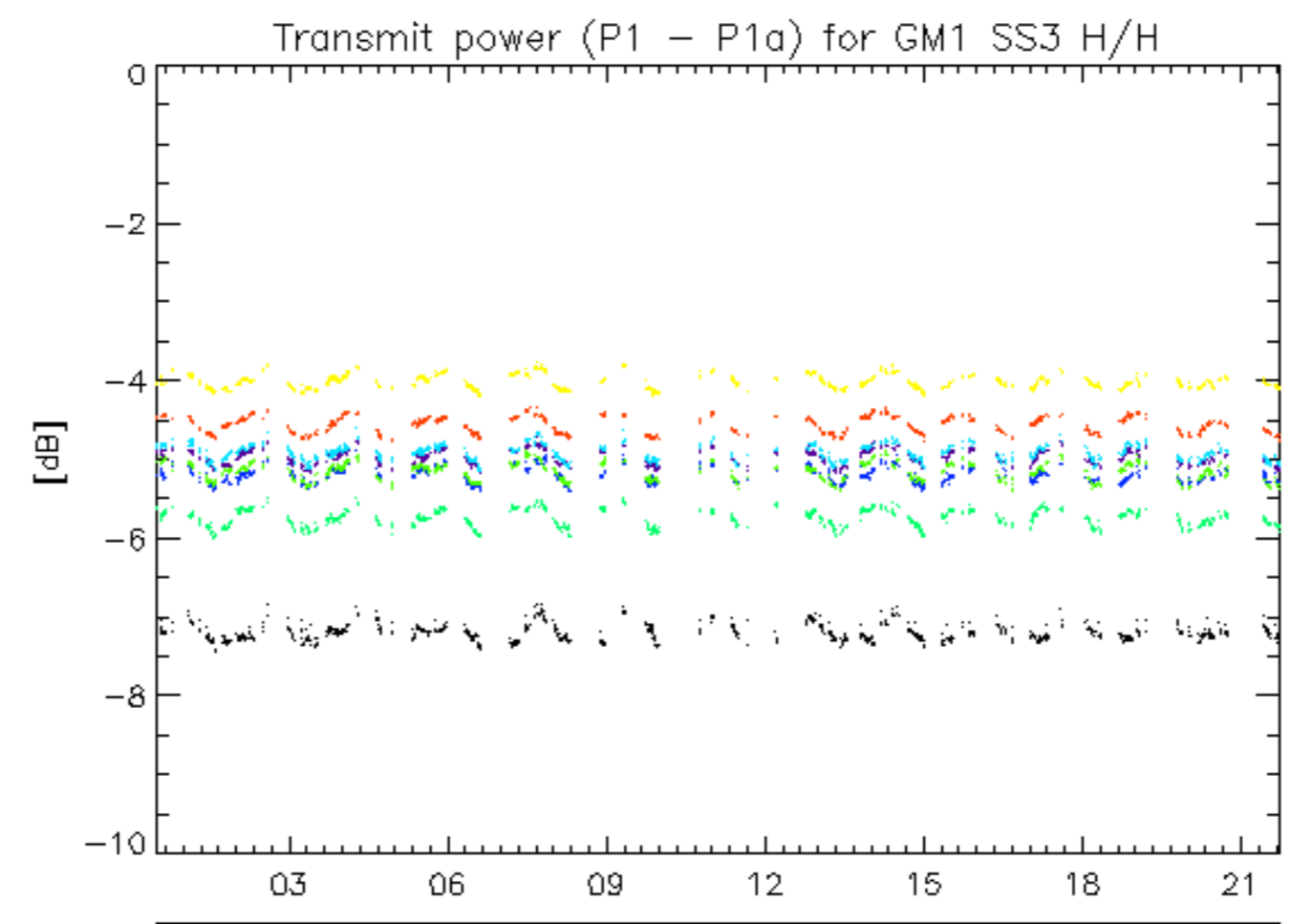


### Calibration pulses for WVS IS2 V/V

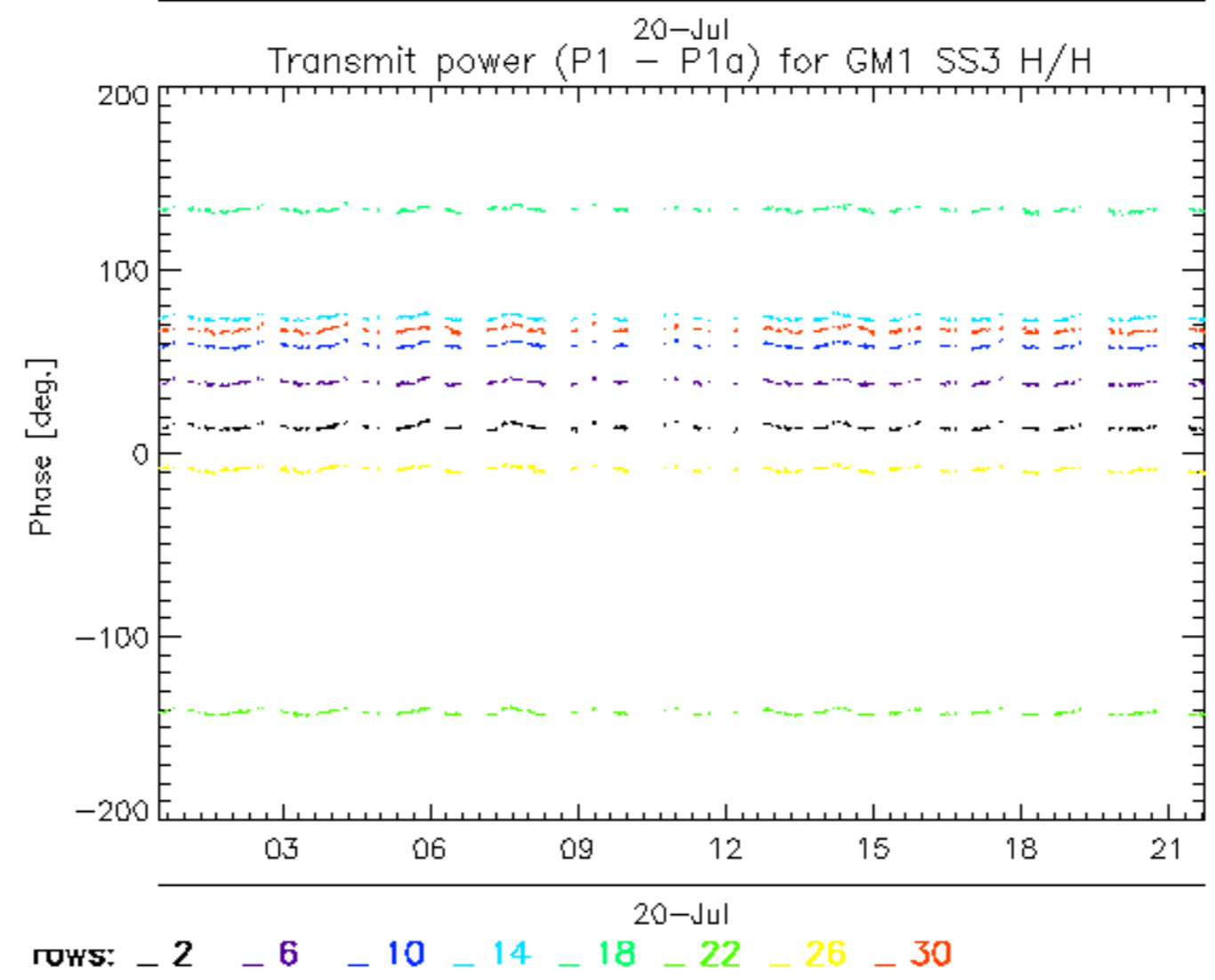
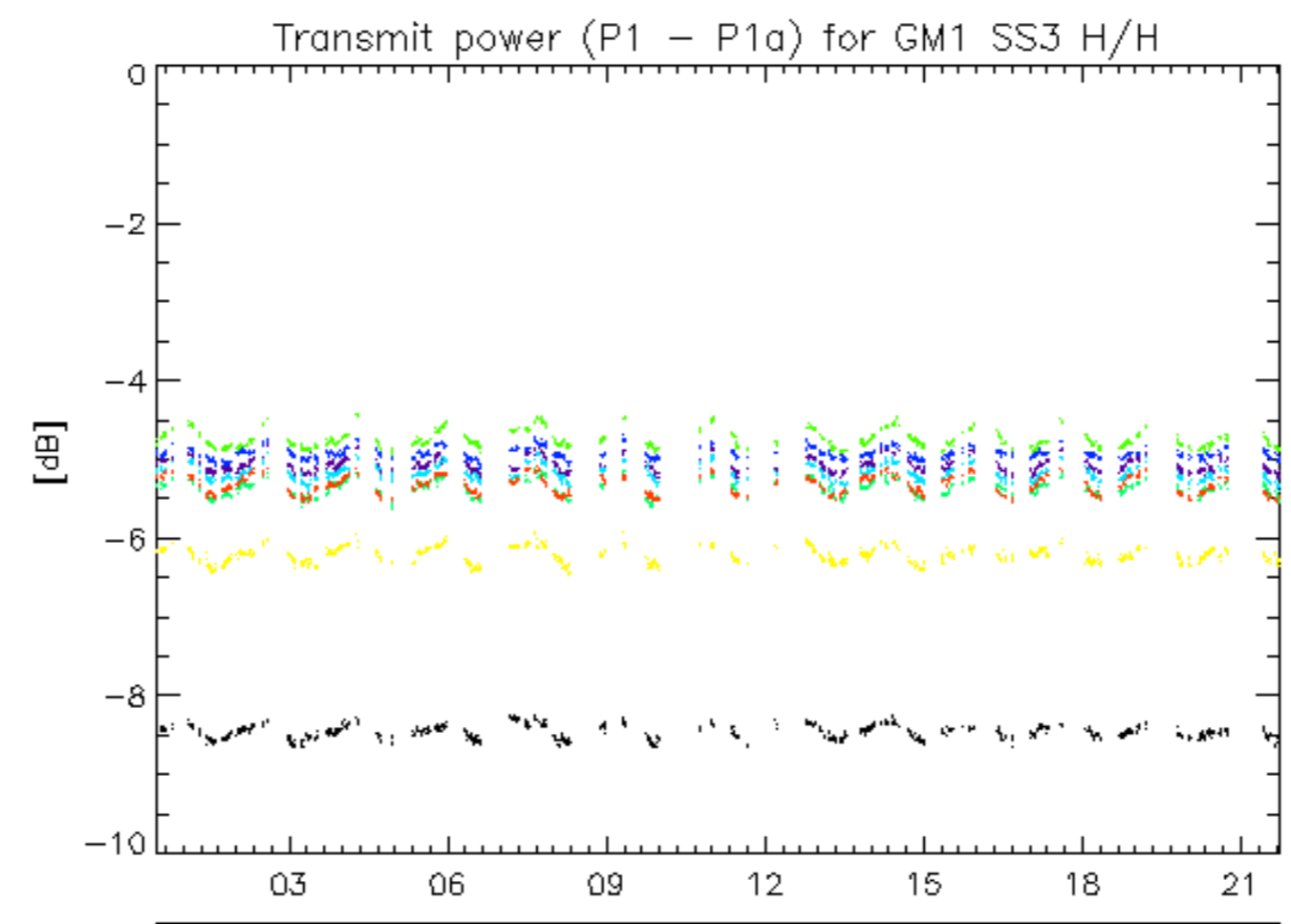


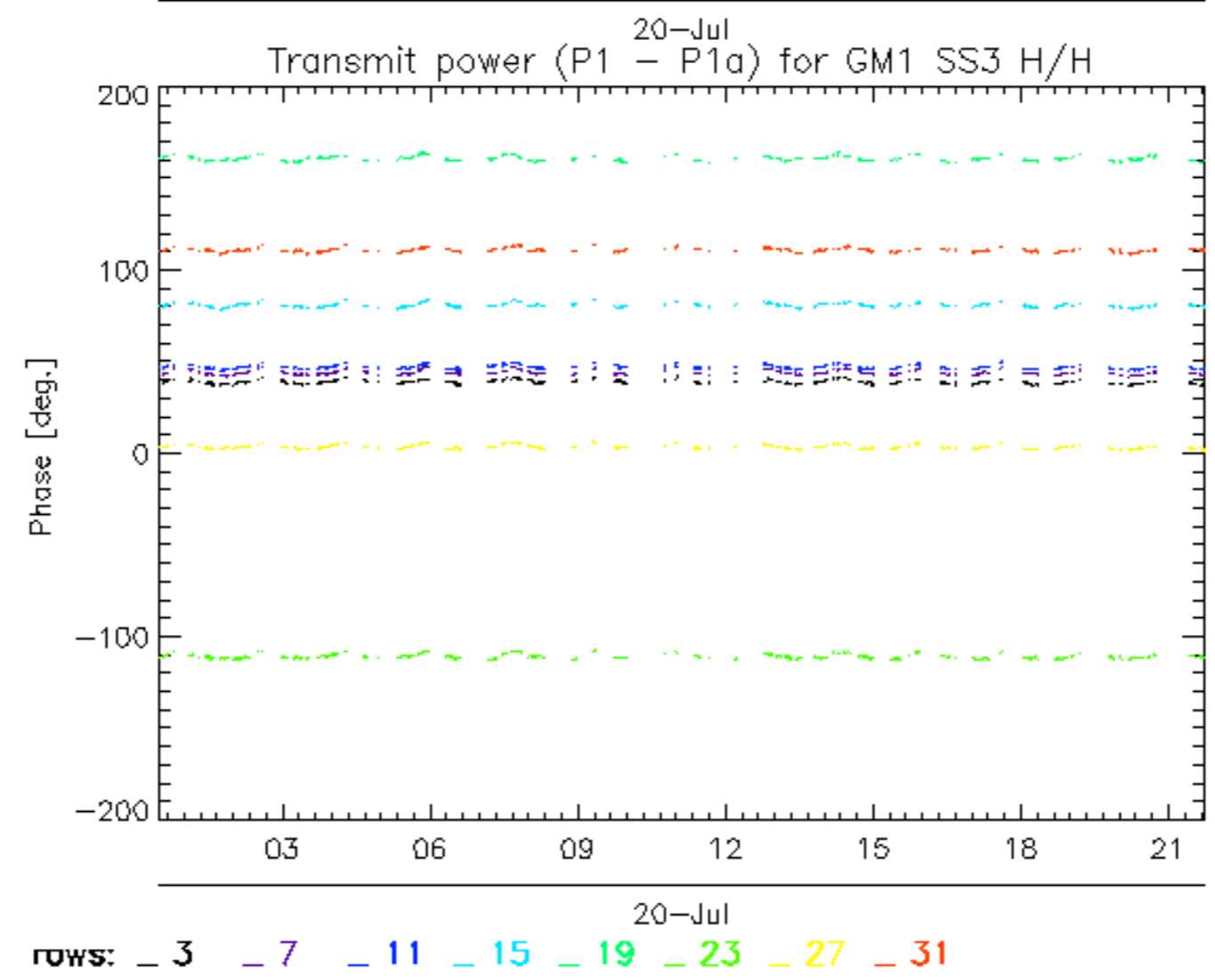
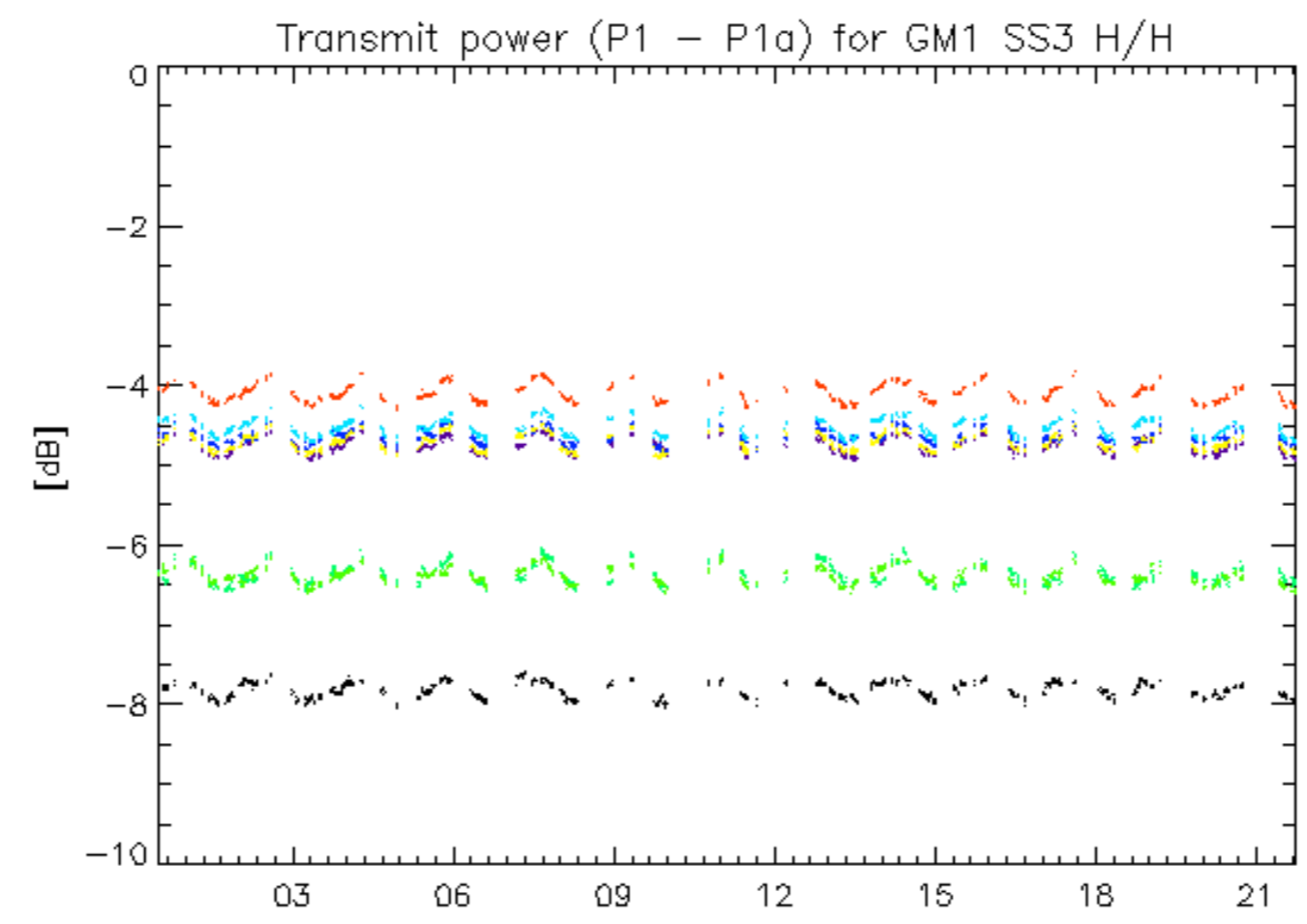


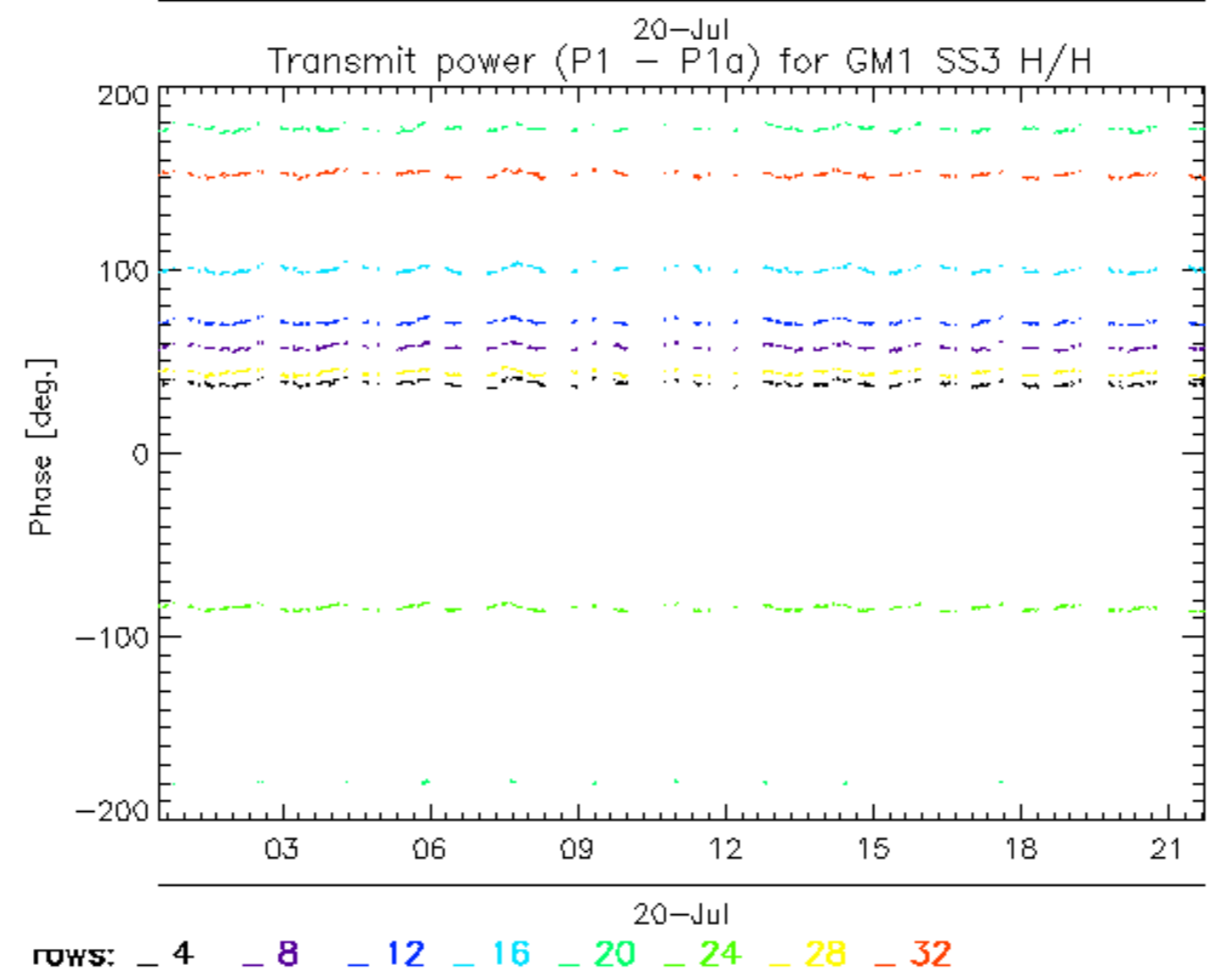
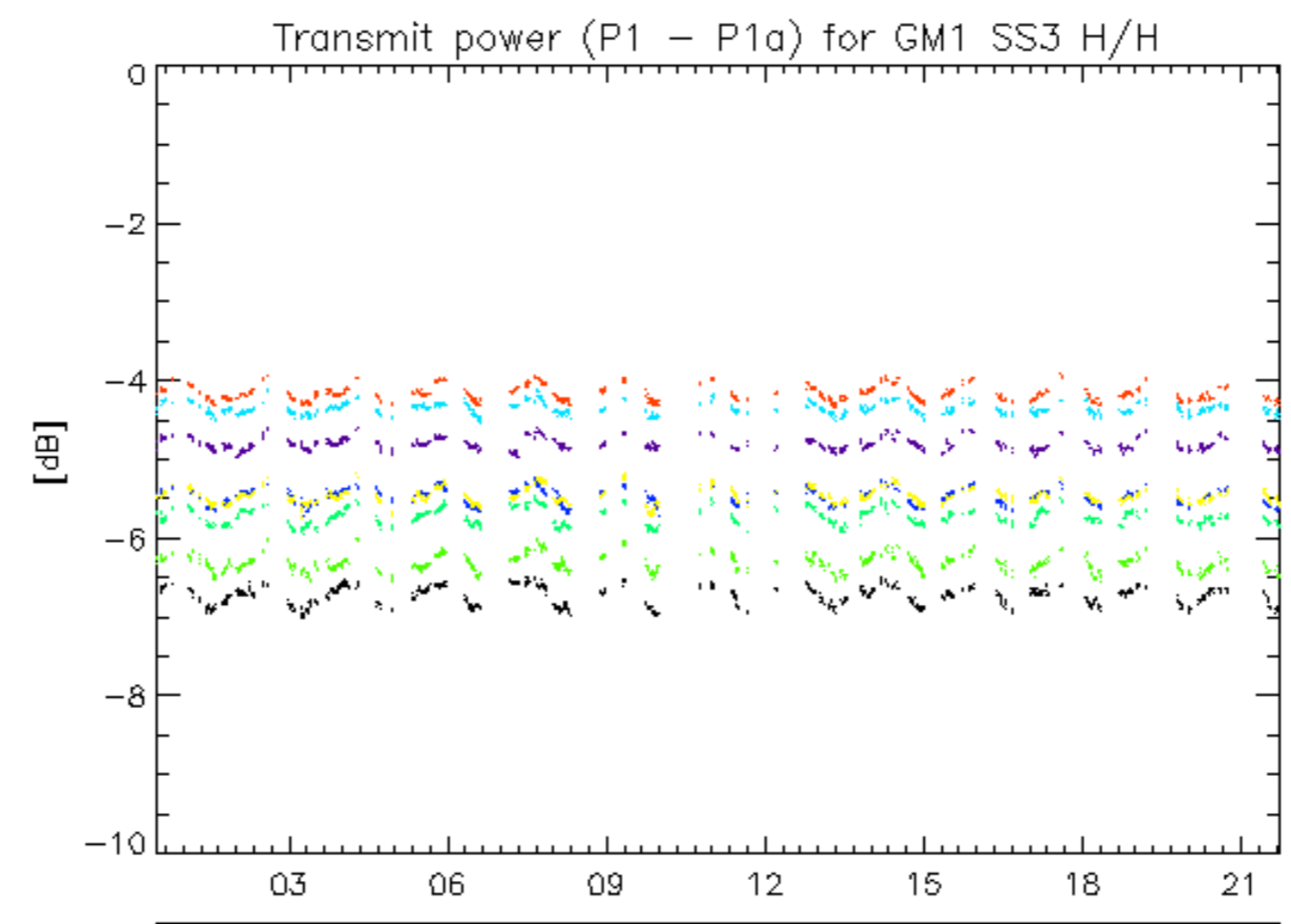


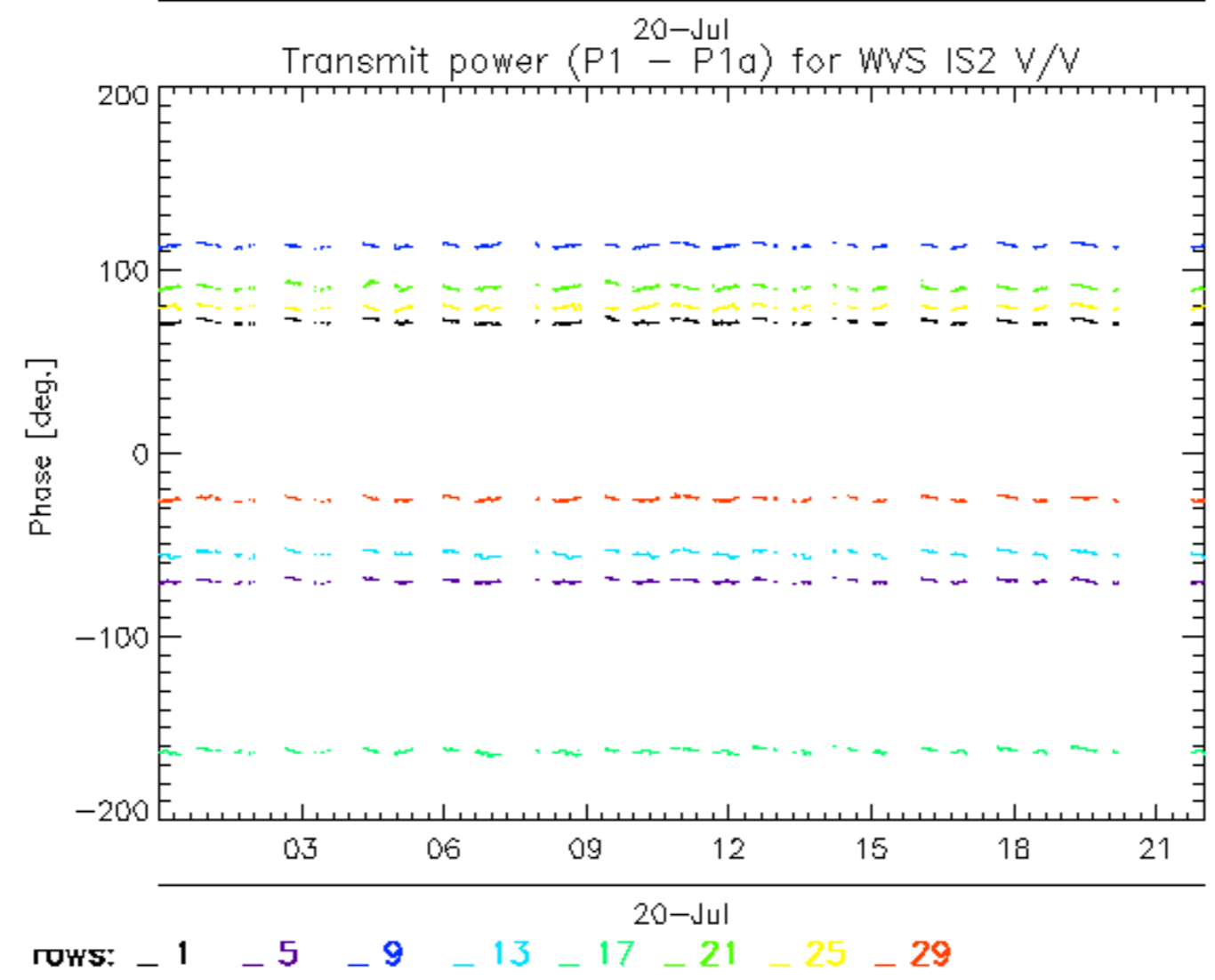
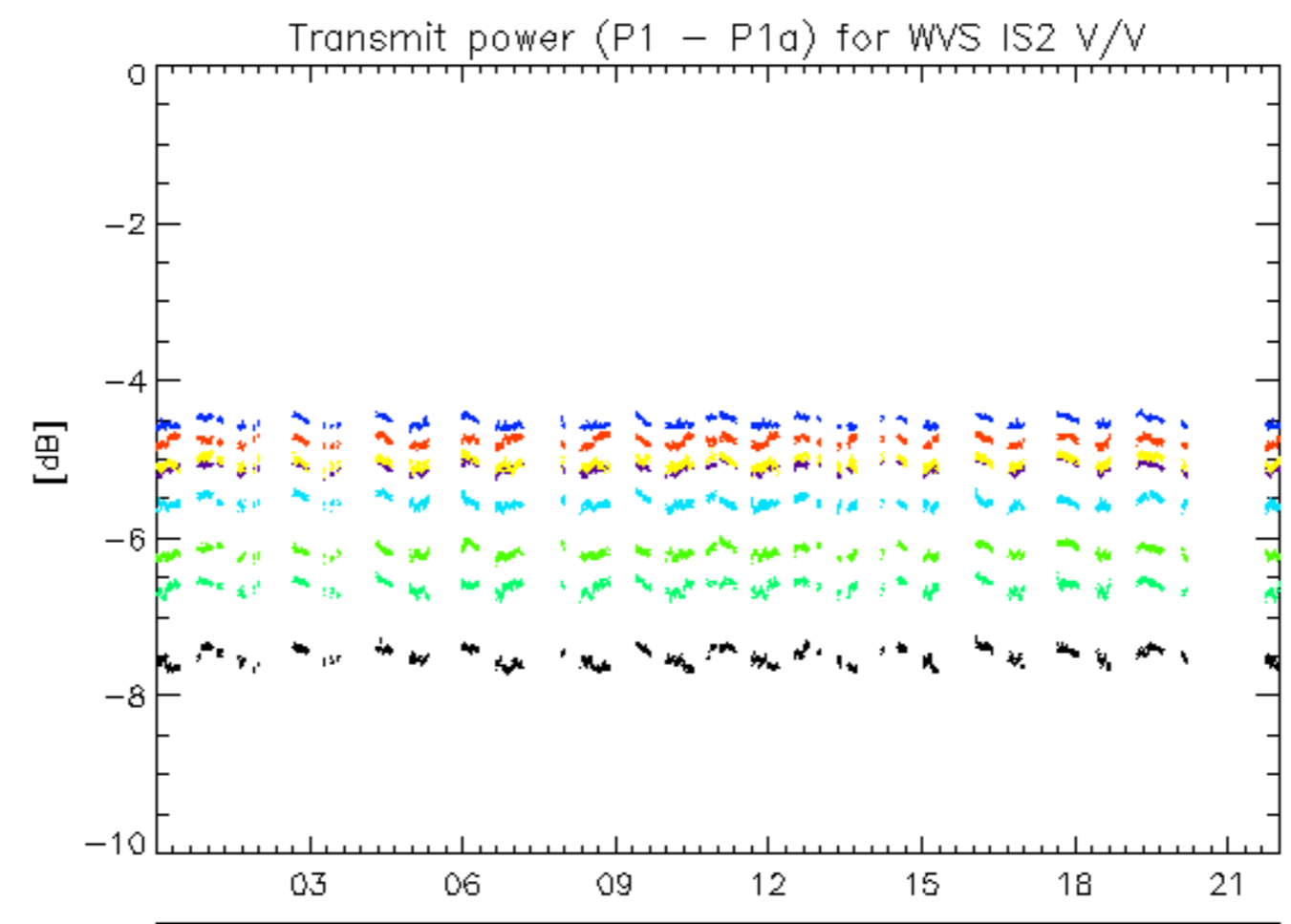


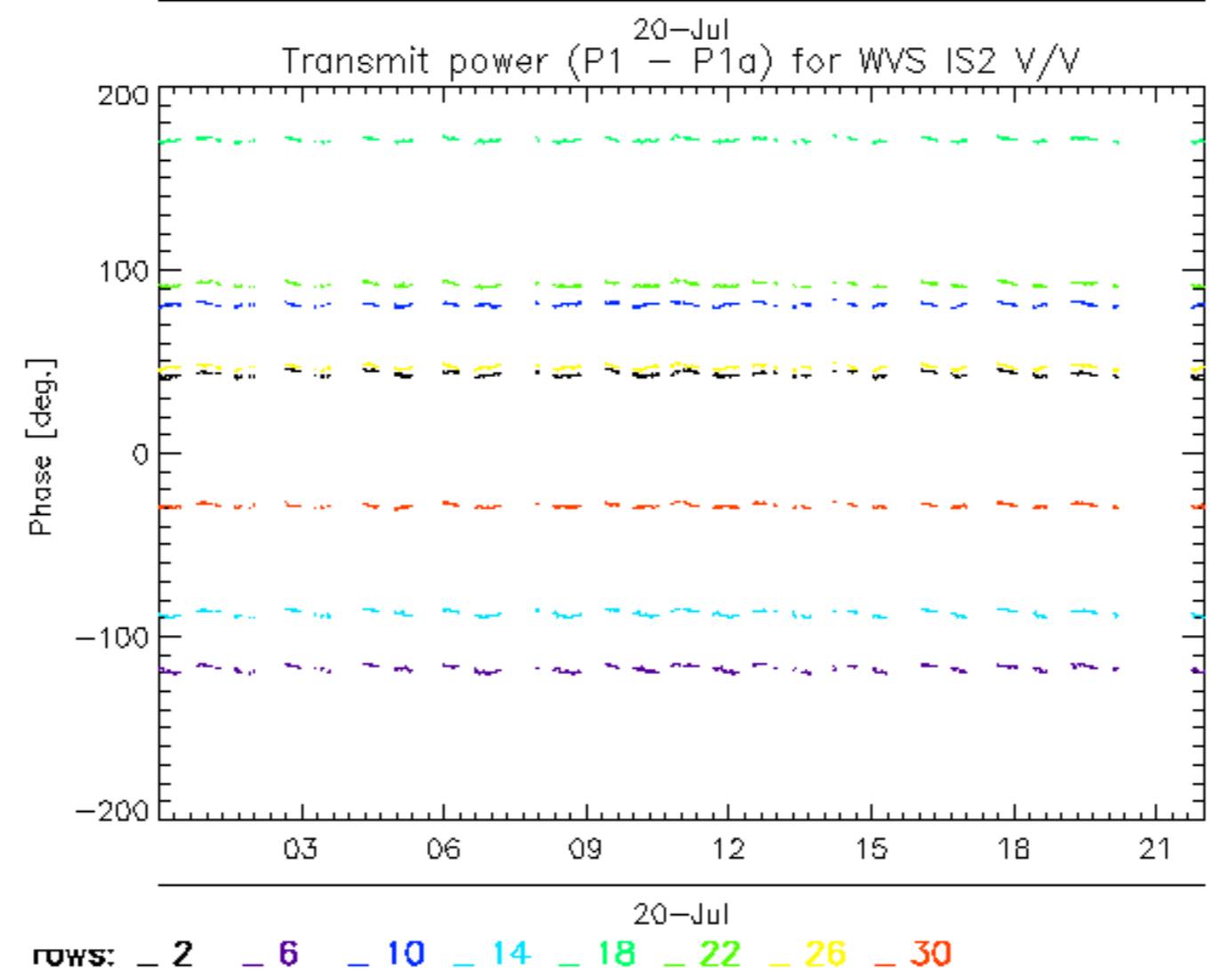
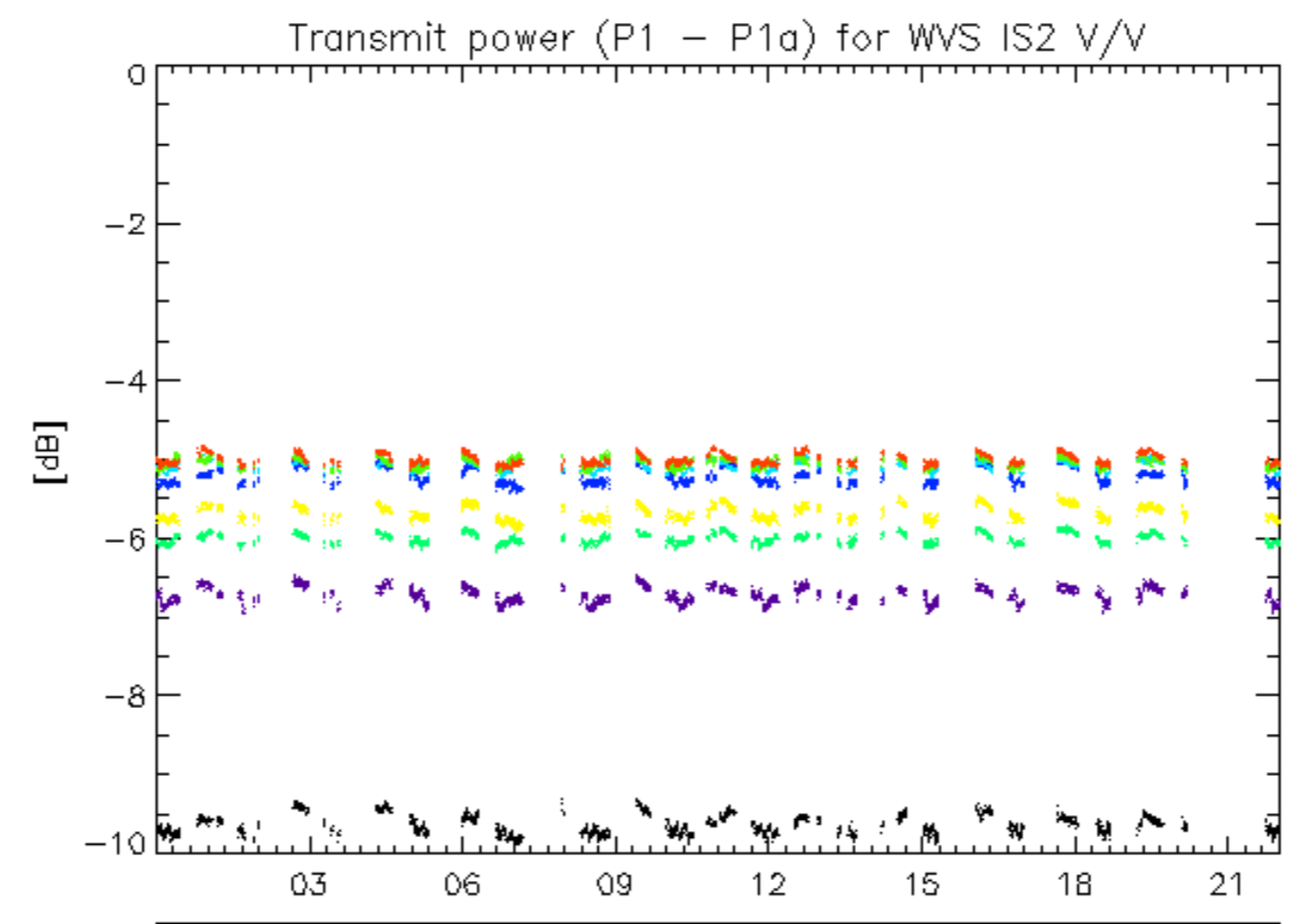


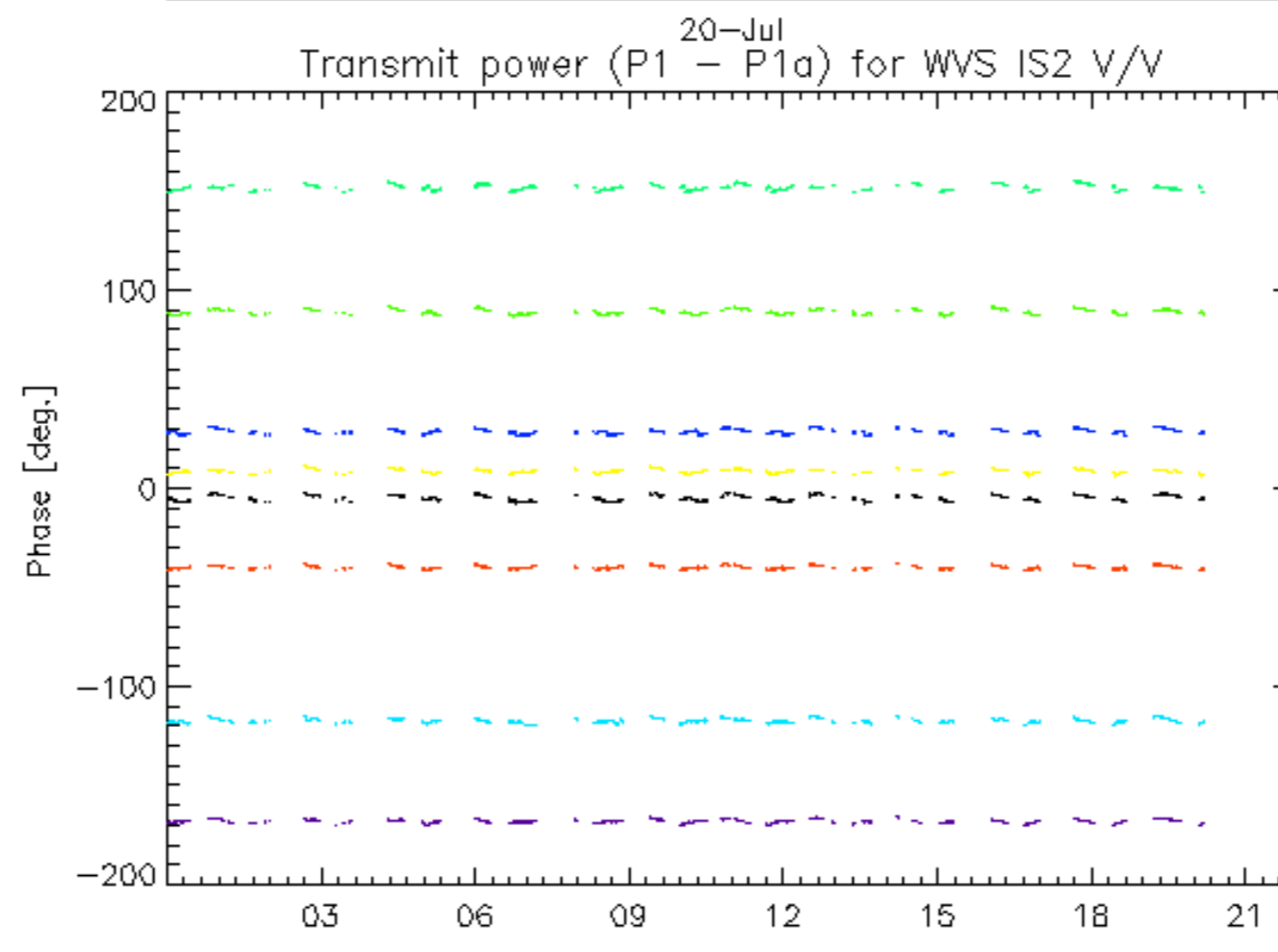
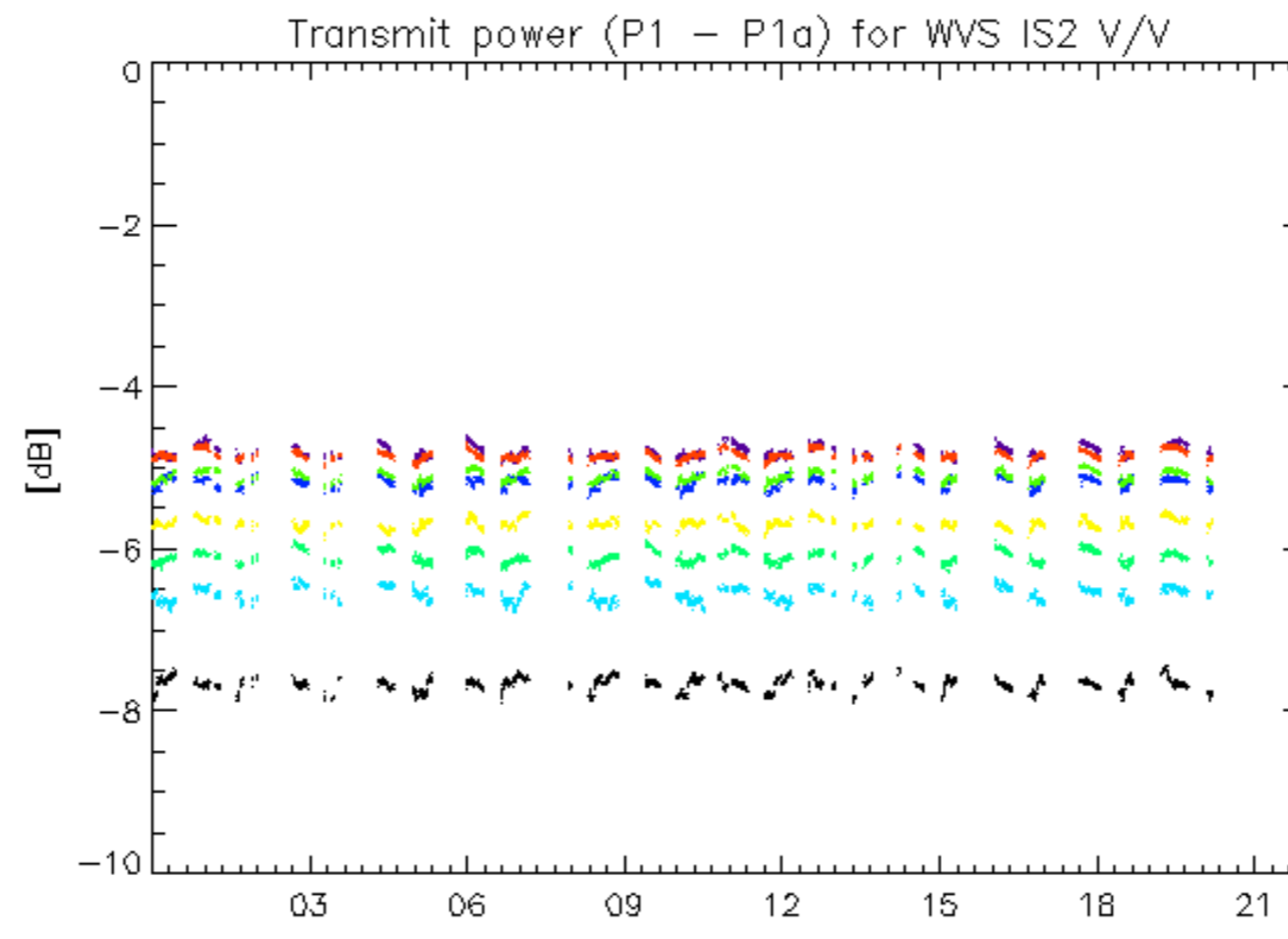




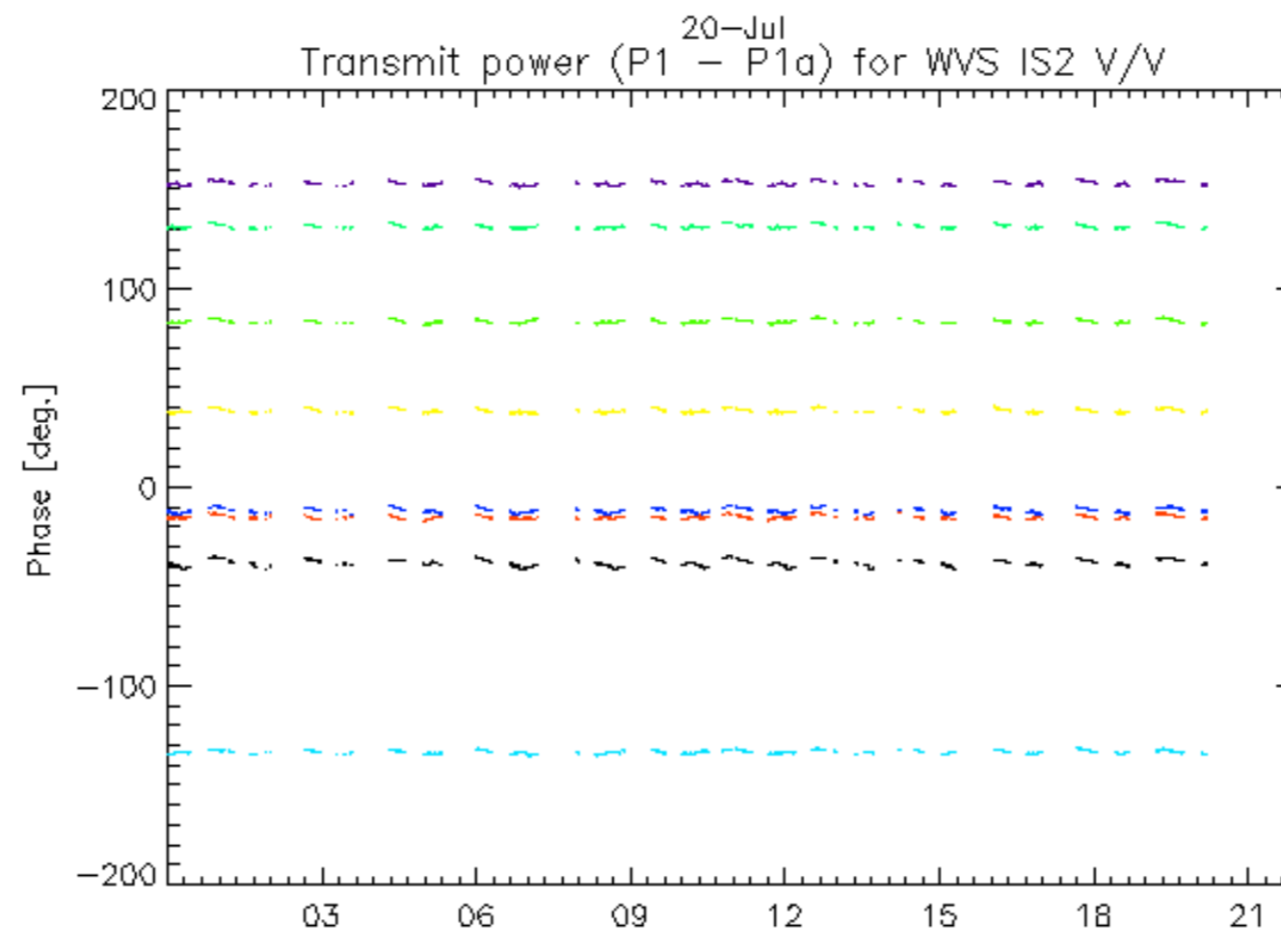
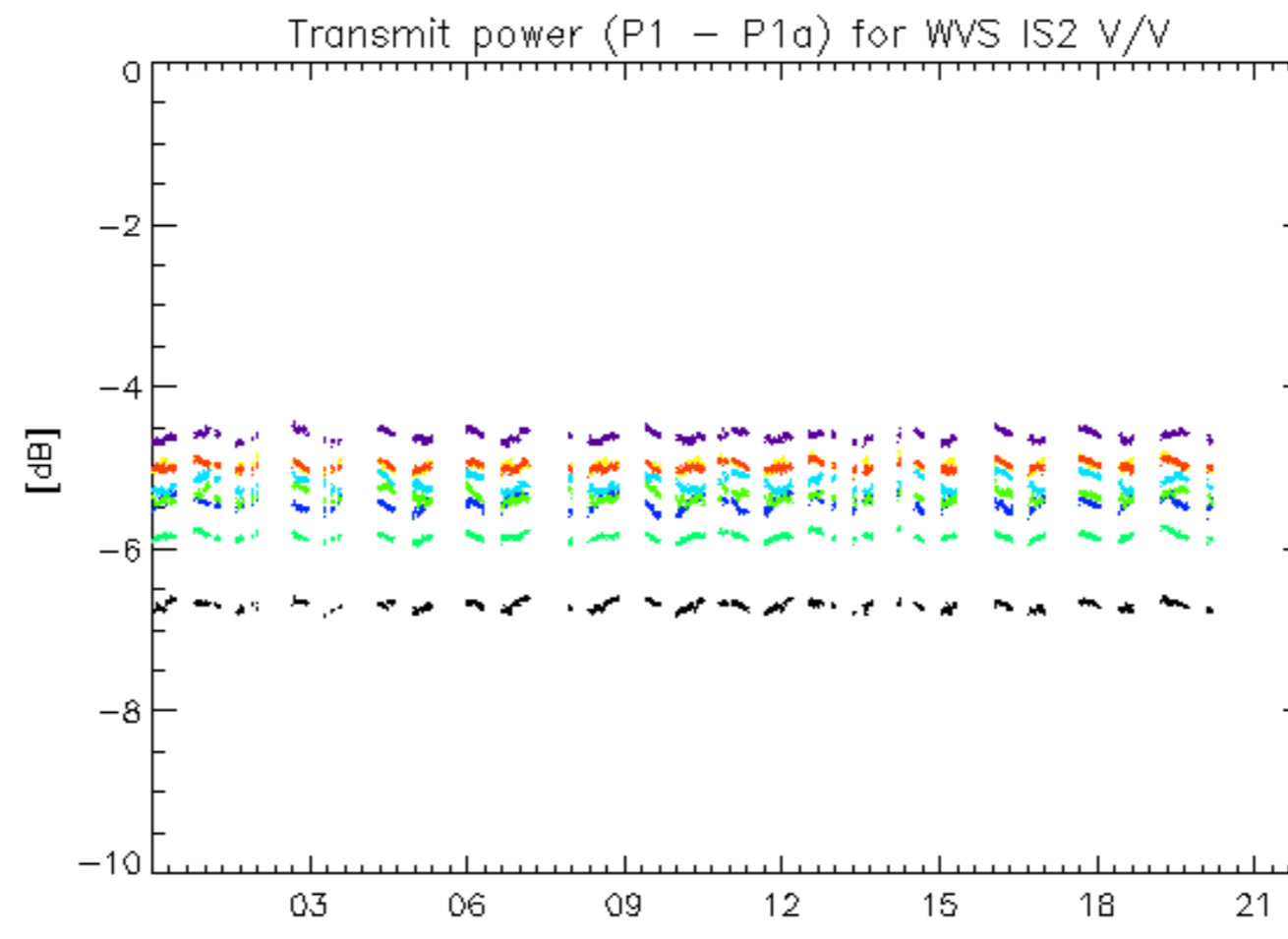




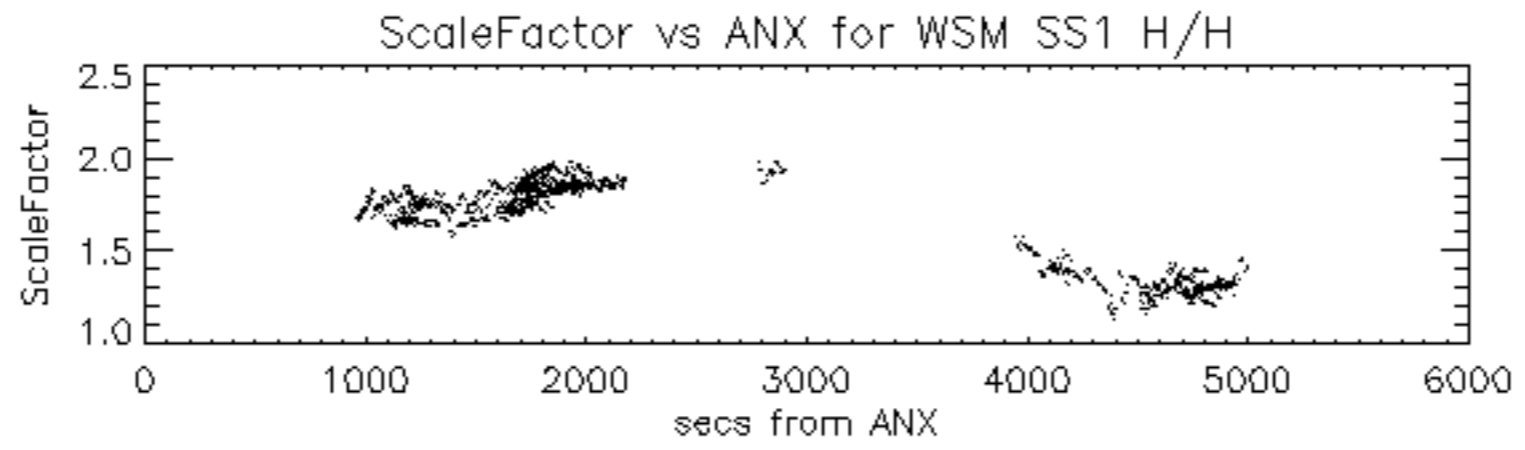




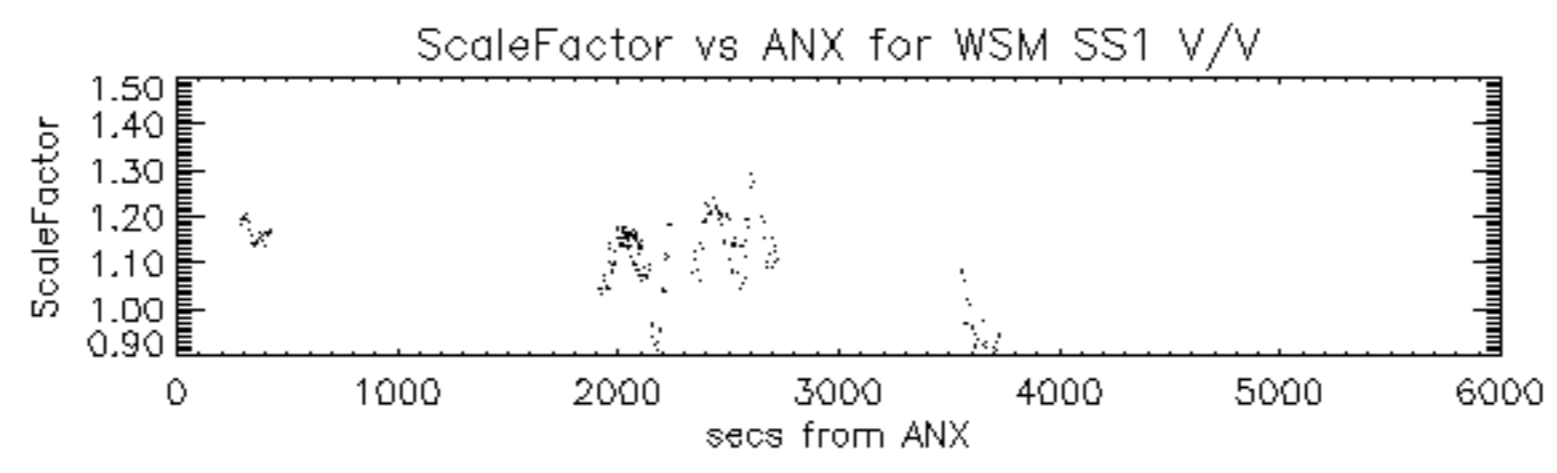
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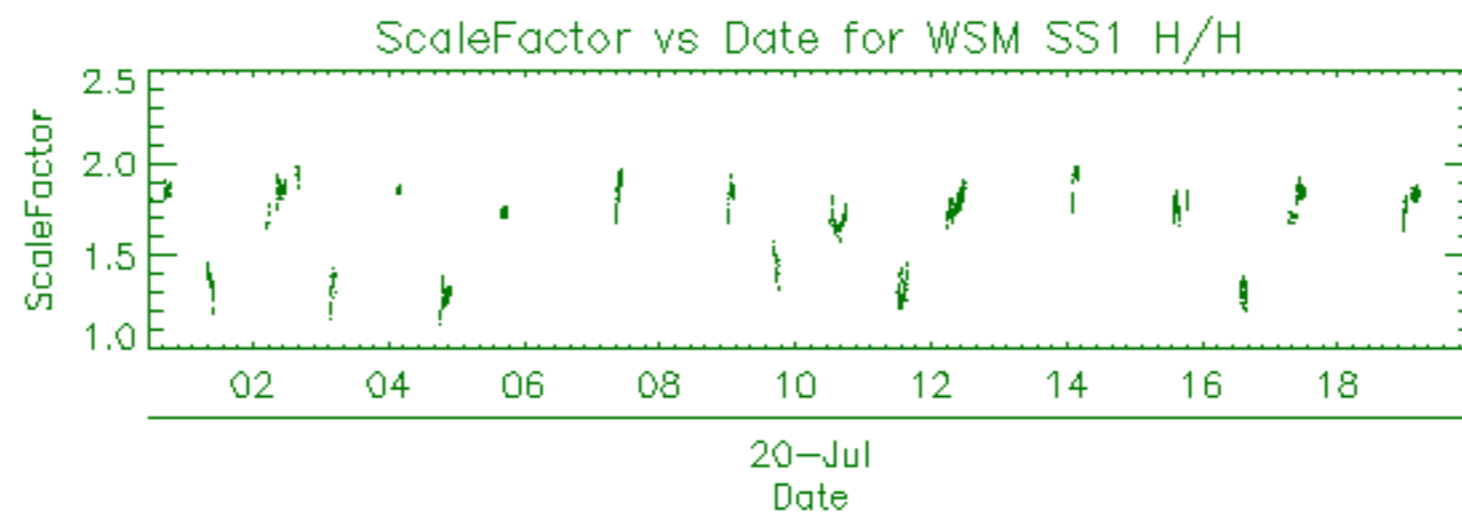


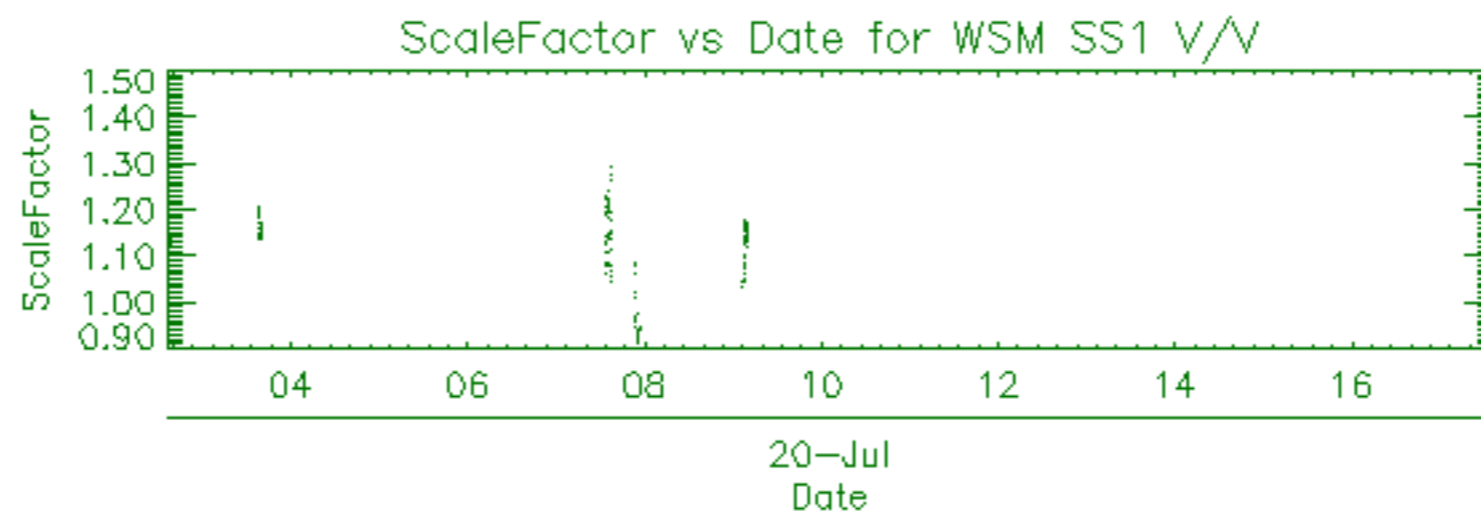
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20090720_005146_000000362080_00489_38619_5116.N1						IS2	V/V	80	38619	489	4.07
ASA_IMM_1PNPDE20090720_023127_000000462080_00490_38620_5277.N1						IS2	V/V	80	38620	490	4.07
ASA_IMM_1PNPDE20090720_023326_000000822080_00490_38620_5172.N1						IS2	V/V	80	38620	490	4.07
ASA_IMM_1PNPDE20090720_041013_000001812080_00491_38621_5540.N1						IS2	V/V	80	38621	491	4.07
ASA_IMM_1PNPDE20090720_041013_000003632080_00491_38621_5743.N1						IS2	V/V	80	38621	491	4.07
ASA_IMM_1PNPDE20090720_041516_000000602080_00491_38621_5439.N1						IS2	V/V	80	38621	491	4.07
ASA_IMM_1PNPDE20090720_052253_000000632080_00492_38622_5580.N1						IS2	V/V	80	38622	492	4.07
ASA_IMM_1PNPDE20090720_052253_000000962080_00492_38622_5657.N1						IS2	V/V	80	38622	492	4.07
ASA_IMM_1PNPDE20090720_073948_000000832080_00493_38623_5821.N1						IS2	H/H	80	38623	493	4.07
ASA_IMM_1PNPDE20090720_074440_000000382080_00493_38623_5807.N1						IS4	V/V	80	38623	493	4.07
ASA_IMM_1PNPDK20090720_084905_000000542080_00494_38624_6225.N1						IS2	V/V	80	38624	494	4.07
ASA_IMM_1PNPDK20090720_091046_000000372080_00494_38624_6236.N1						IS2	V/V	80	38624	494	4.07
ASA_IMM_1PNPDE20090720_091320_000002852080_00494_38624_6069.N1						IS2	V/V	80	38624	494	4.07
ASA_IMM_1PNPDE20090720_092317_000000542080_00494_38624_6007.N1						IS2	V/V	80	38624	494	4.07
ASA_IMM_1PNPDK20090720_130741_000002262080_00496_38626_6642.N1						IS2	H/H	80	38626	496	4.07
ASA_IMM_1PNPDK20090720_134414_000000982080_00497_38627_6632.N1						IS2	V/V	80	38627	497	4.07
ASA_IMM_1PNPDK20090720_134623_000000812080_00497_38627_6640.N1						IS3	V/V	80	38627	497	4.07
ASA_IMM_1PNPDE20090720_142836_000000792080_00497_38627_6236.N1						IS2	V/V	80	38627	497	4.07
ASA_IMM_1PNPDE20090720_144821_000000682080_00497_38627_6238.N1						IS2	H/H	80	38627	497	4.07
ASA_IMM_1PNPDE20090720_152348_000001422080_00498_38628_6254.N1						IS2	V/V	80	38628	498	4.07
ASA_IMM_1PNPDK20090720_154114_000001802080_00498_38628_6772.N1						IS2	H/H	80	38628	498	4.07
ASA_IMM_1PNPDE20090720_162929_000000952080_00498_38628_6252.N1						IS2	H/H	80	38628	498	4.07
ASA_IMM_1PNPDE20090720_173715_000001232080_00499_38629_6296.N1						IS2	V/V	80	38629	499	4.07
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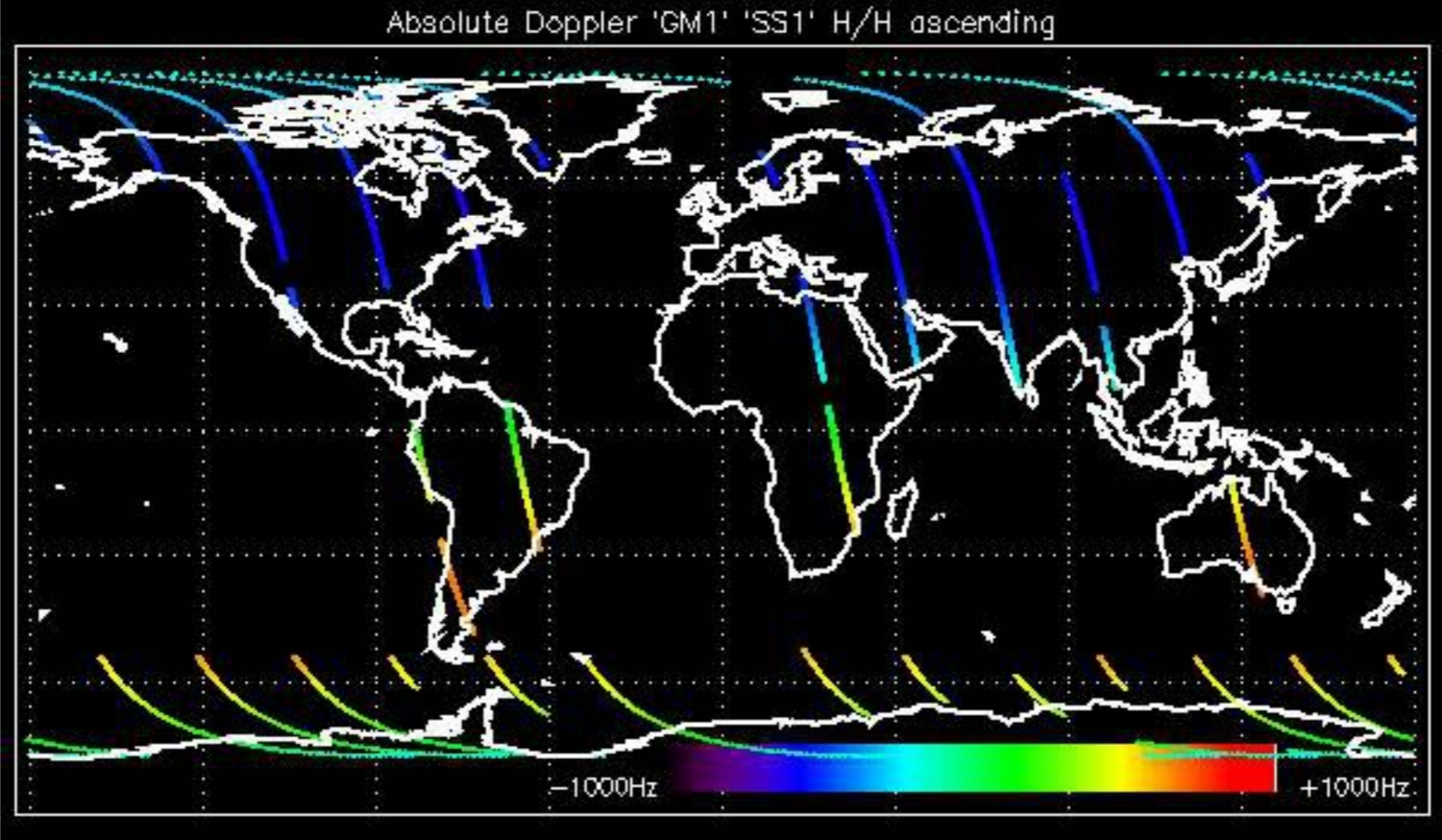
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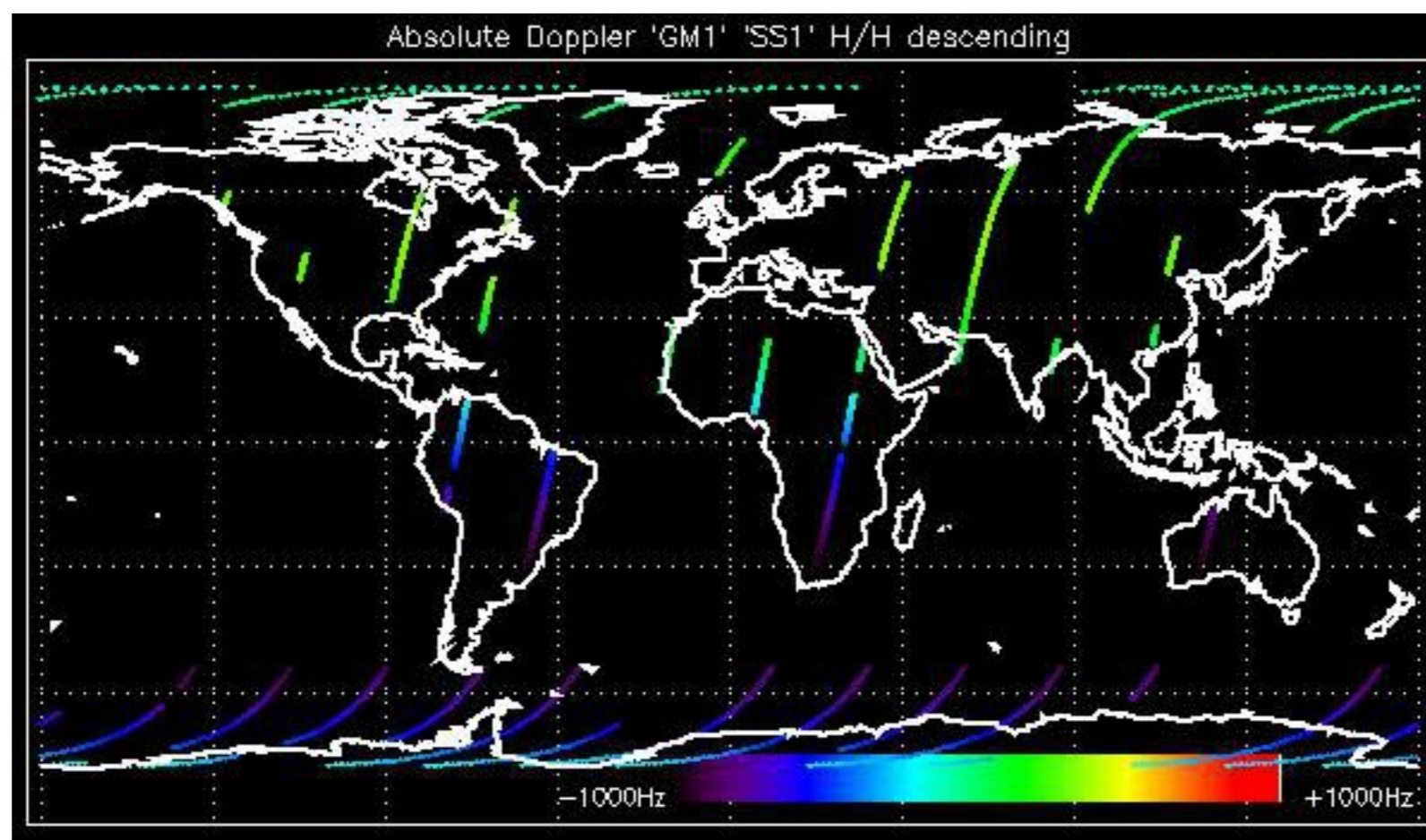


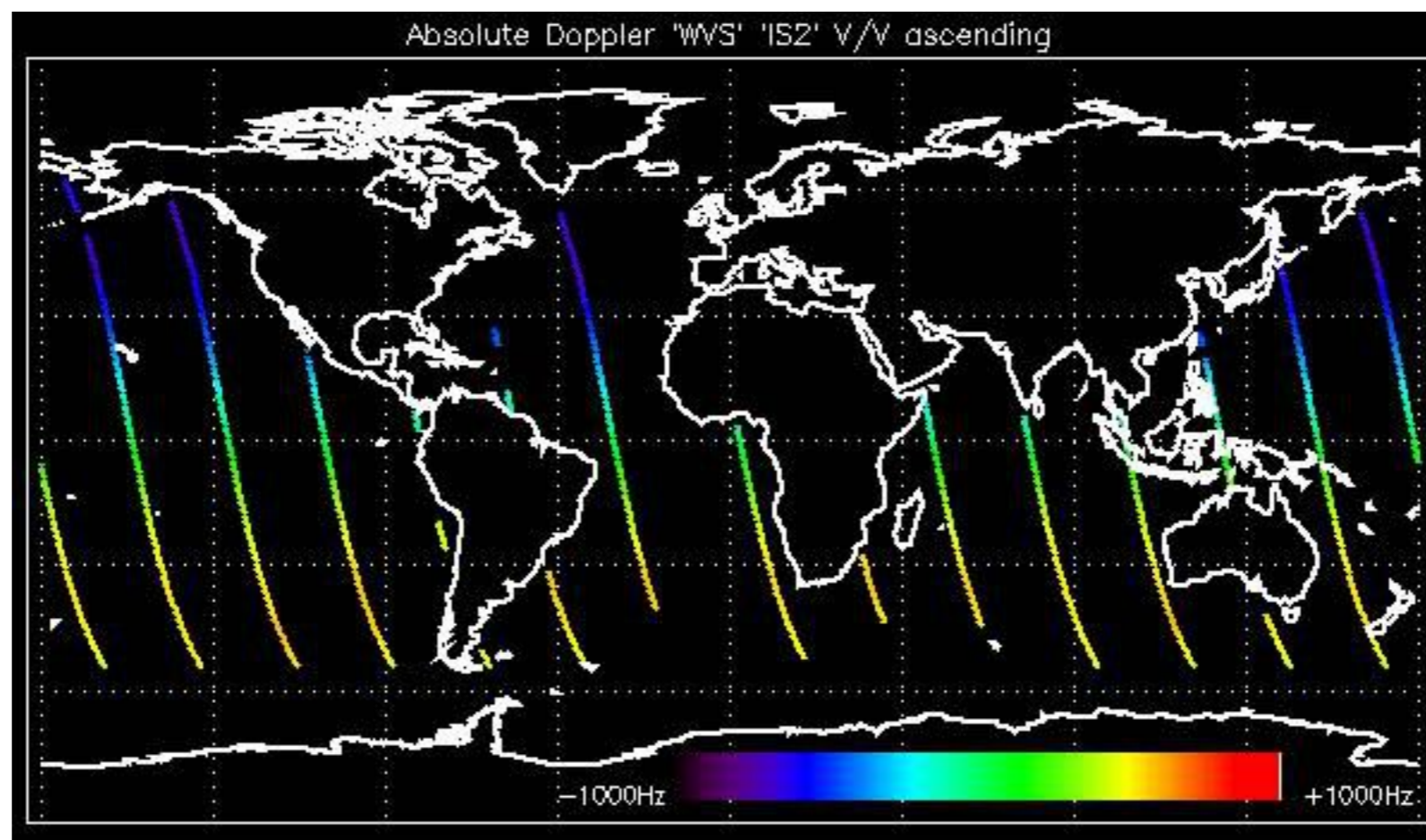
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20090720_002741_000000972080_00489_38619_5144.N1						SS1	H/H	80	38619	489	4.07
ASA_WSM_1PNPDE20090720_004108_000003672080_00489_38619_5542.N1						SS1	H/H	80	38619	489	4.07
ASA_WSM_1PNPDE20090720_004222_000002922080_00489_38619_5279.N1						SS1	H/H	80	38619	489	4.07
ASA_WSM_1PNPDE20090720_012001_000003062080_00489_38619_5805.N1						SS1	H/H	80	38619	489	4.07
ASA_WSM_1PNPDE20090720_012115_000001152080_00489_38619_5174.N1						SS1	H/H	80	38619	489	4.07
ASA_WSM_1PNPDE20090720_021208_000000972080_00490_38620_5284.N1						SS1	H/H	80	38620	490	4.07
ASA_WSM_1PNPDE20090720_022017_000000732080_00490_38620_5289.N1						SS1	H/H	80	38620	490	4.07
ASA_WSM_1PNPDE20090720_022017_000005132080_00490_38620_5538.N1						SS1	H/H	80	38620	490	4.07
ASA_WSM_1PNPDE20090720_022231_000001162080_00490_38620_5444.N1						SS1	H/H	80	38620	490	4.07
ASA_WSM_1PNPDE20090720_022529_000002012080_00490_38620_5445.N1						SS1	H/H	80	38620	490	4.07
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ASA_WSM_1PNPDE20090720_031132_000000802080_00490_38620_5644.N1						SS1	H/H	80	38620	490	4.07
ASA_WSM_1PNPDE20090720_033737_000001582080_00491_38621_5467.N1						SS1	V/V	80	38621	491	4.07
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ASA_WSM_1PNPDE20090720_044536_000005922080_00491_38621_6005.N1						SS1	H/H	80	38621	491	4.07
ASA_WSM_1PNPDE20090720_045250_000001572080_00491_38621_5879.N1						SS1	H/H	80	38621	491	4.07
ASA_WSM_1PNPDE20090720_054005_000002692080_00492_38622_5655.N1						SS1	H/H	80	38622	492	4.07
ASA_WSM_1PNPDE20090720_072027_000003732080_00493_38623_6010.N1						SS1	H/H	80	38623	493	4.07
ASA_WSM_1PNPDK20090720_072122_000002072080_00493_38623_6125.N1						SS1	H/H	80	38623	493	4.07
ASA_WSM_1PNPDE20090720_073258_000001902080_00493_38623_5998.N1						SS1	V/V	80	38623	493	4.07
ASA_WSM_1PNPDE20090720_073258_000002932080_00493_38623_6015.N1						SS1	V/V	80	38623	493	4.07
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ASA_WSM_1PNPDE20090720_073709_000000422080_00493_38623_5849.N1						SS1	V/V	80	38623	493	4.07
ASA_WSM_1PNPDE20090720_075316_000001522080_00493_38623_5882.N1						SS1	V/V	80	38623	493	4.07
ASA_WSM_1PNPDK20090720_075510_000000972080_00493_38623_6238.N1						SS1	V/V	80	38623	493	4.07
ASA_WSM_1PNPDE20090720_090000_000001342080_00494_38624_6037.N1						SS1	H/H	80	38624	494	4.07
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ASA_WSM_1PNPDE20090720_103111_000000732080_00495_38625_6124.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_103111_000003922080_00495_38625_6164.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_103326_000002572080_00495_38625_6150.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_103815_000001902080_00495_38625_6154.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_104030_000000552080_00495_38625_6086.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDK20090720_104209_000001352080_00495_38625_6365.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_104321_000001032080_00495_38625_6104.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_113021_000004902080_00495_38625_6192.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_113021_000005142080_00495_38625_6194.N1						SS1	H/H	80	38625	495	4.07
ASA_WSM_1PNPDE20090720_121423_000001902080_00496_38626_6190.N1						SS1	H/H	80	38626	496	4.07
ASA_WSM_1PNPDE20090720_121537_000001152080_00496_38626_6185.N1						SS1	H/H	80	38626	496	4.07
ASA_WSM_1PNPDK20090720_121833_000001832080_00496_38626_6509.N1						SS1	H/H	80	38626	496	4.07
ASA_WSM_1PNPDK20090720_122249_000000732080_00496_38626_6495.N1						SS1	H/H	80	38626	496	4.07
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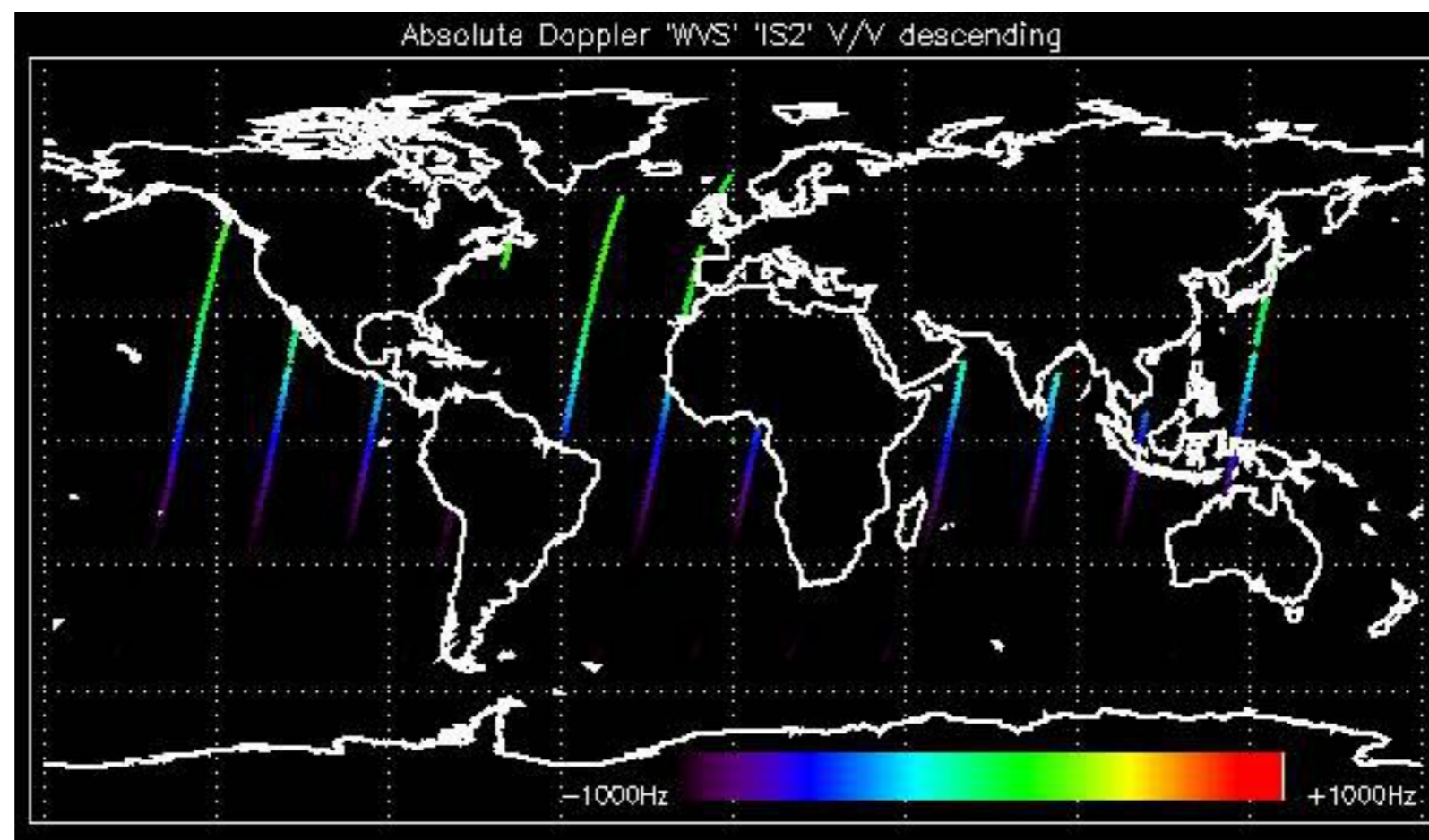


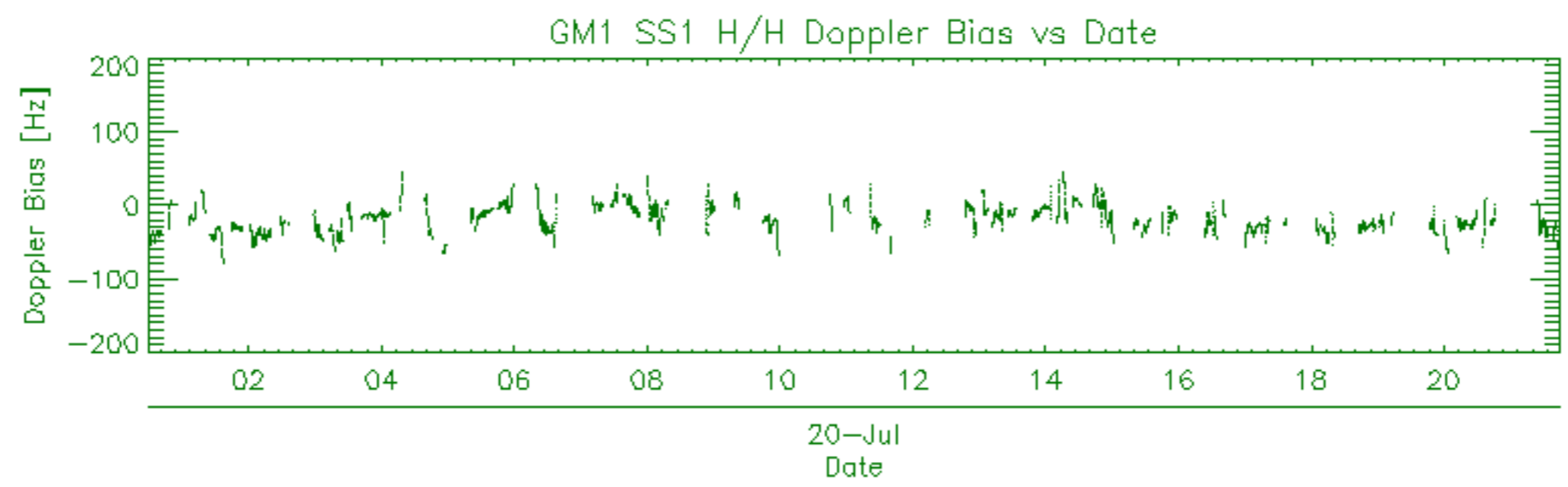
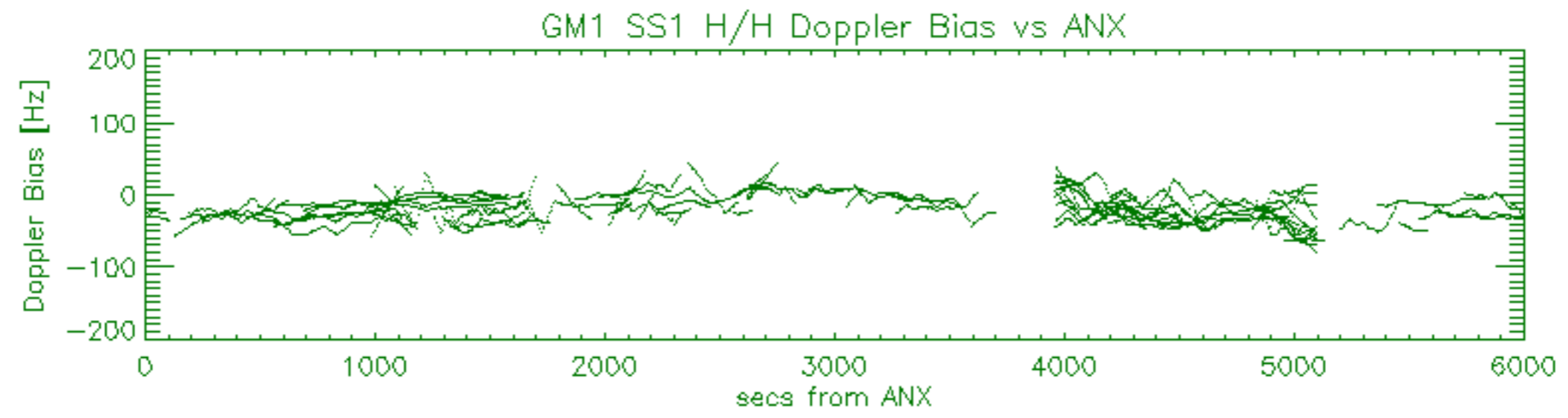
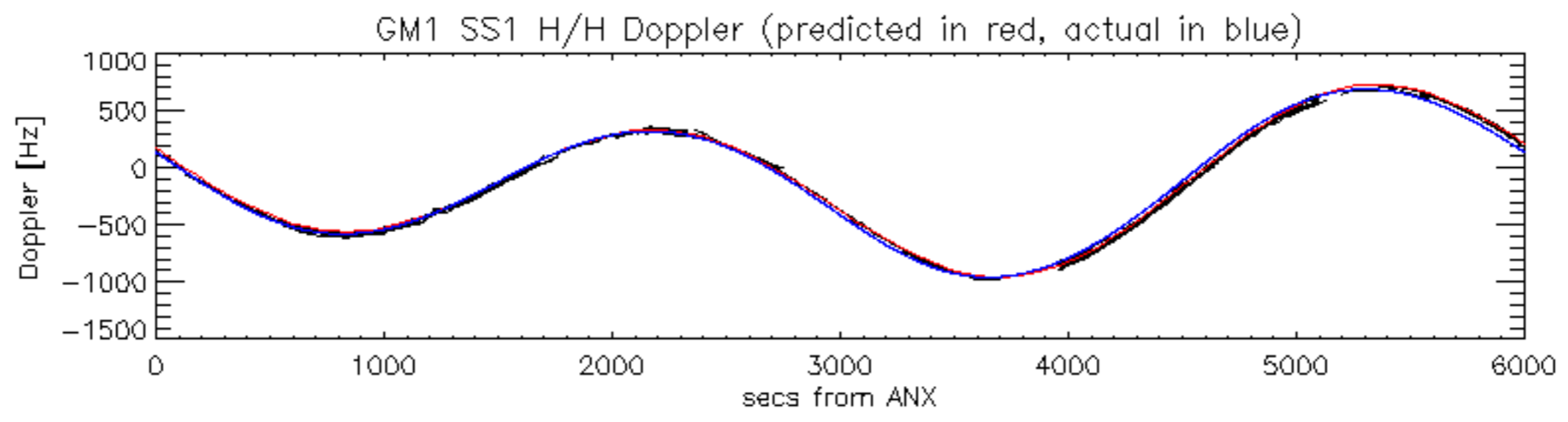
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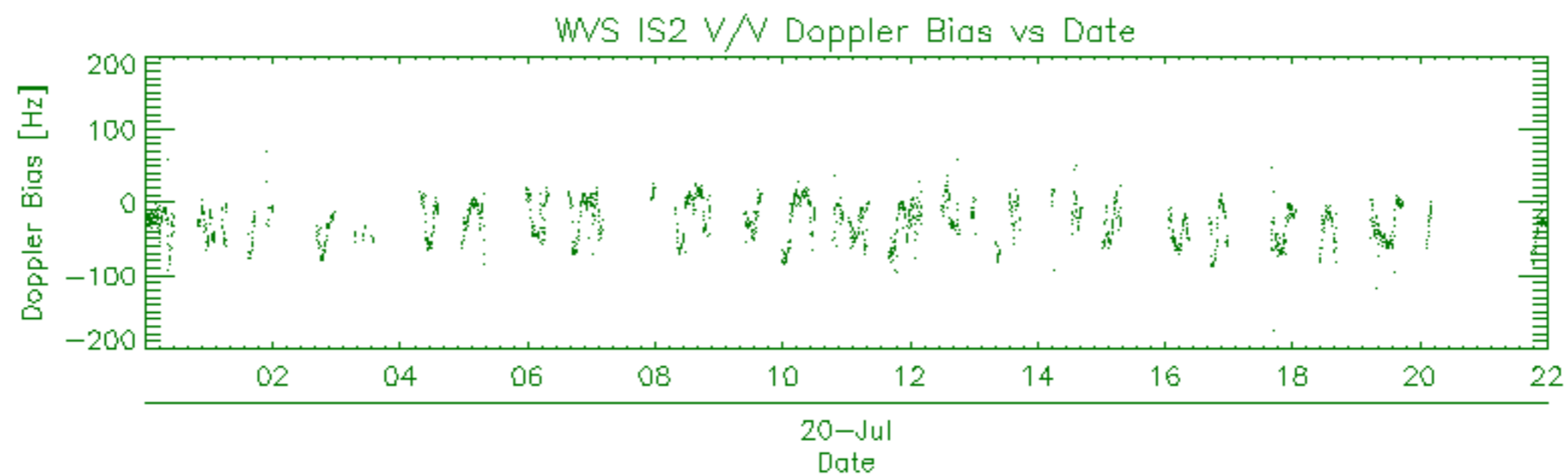
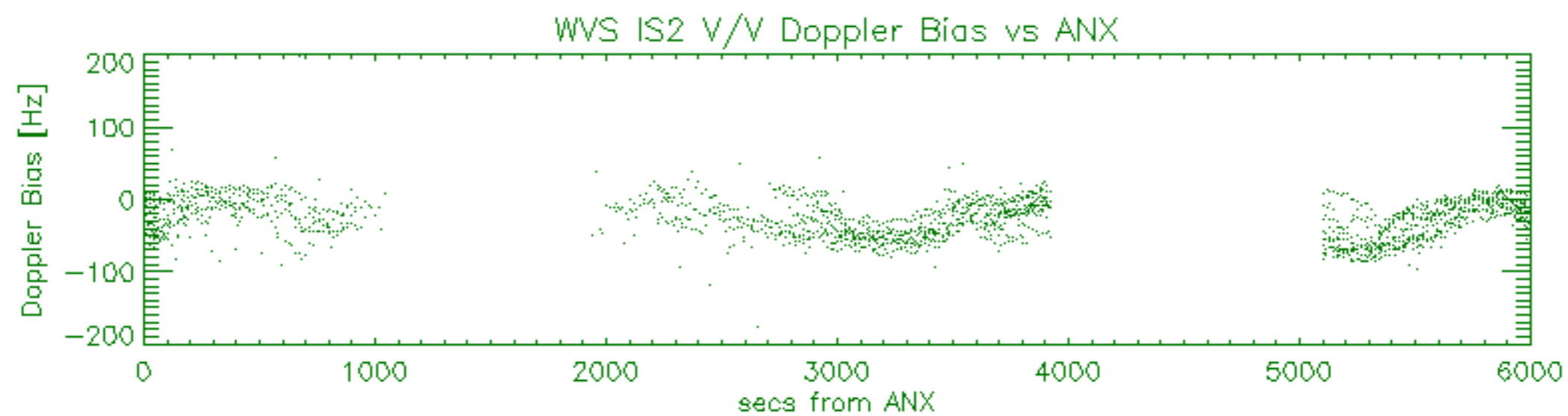
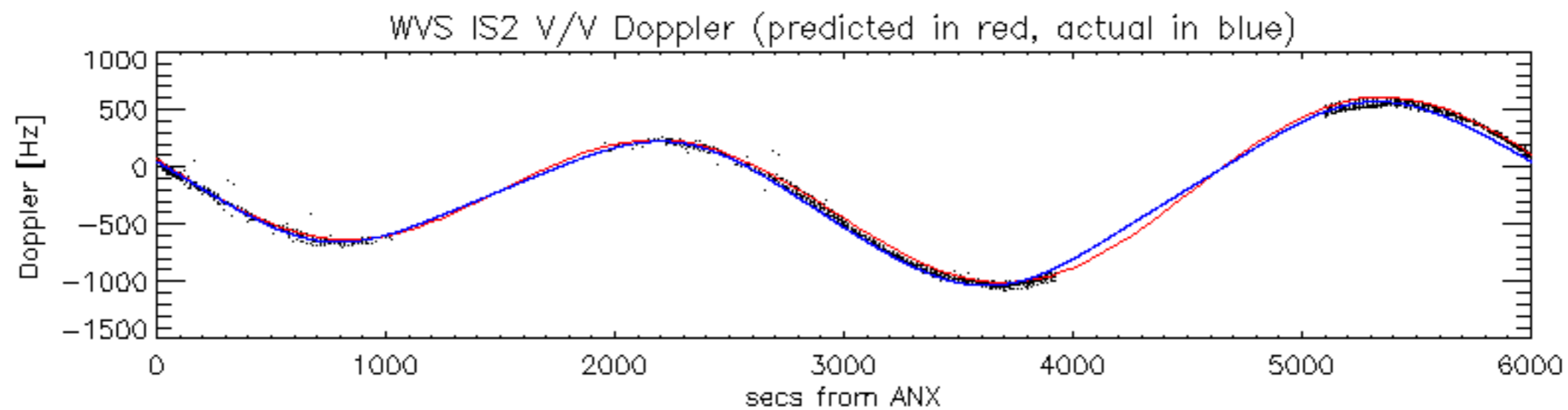


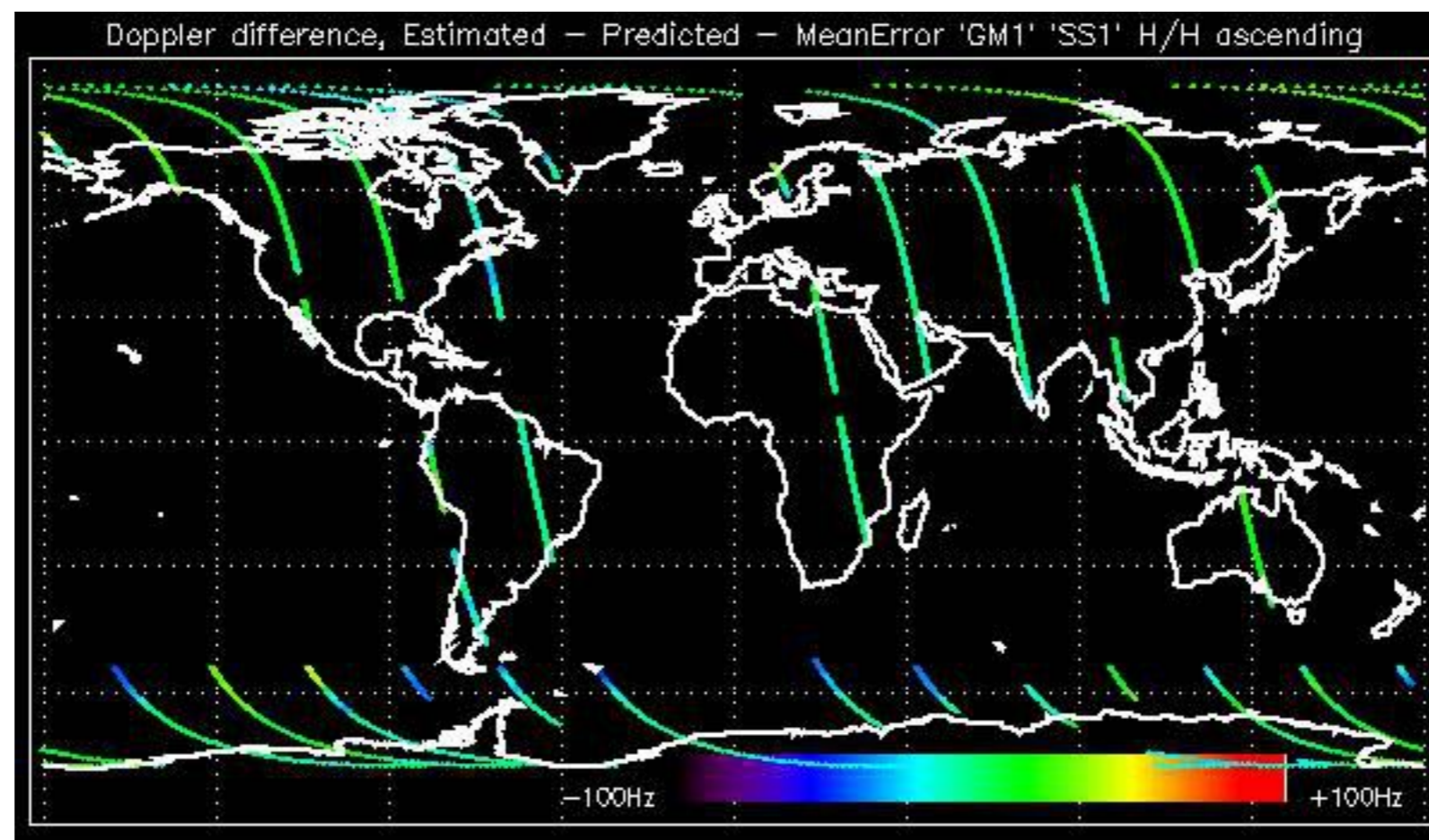




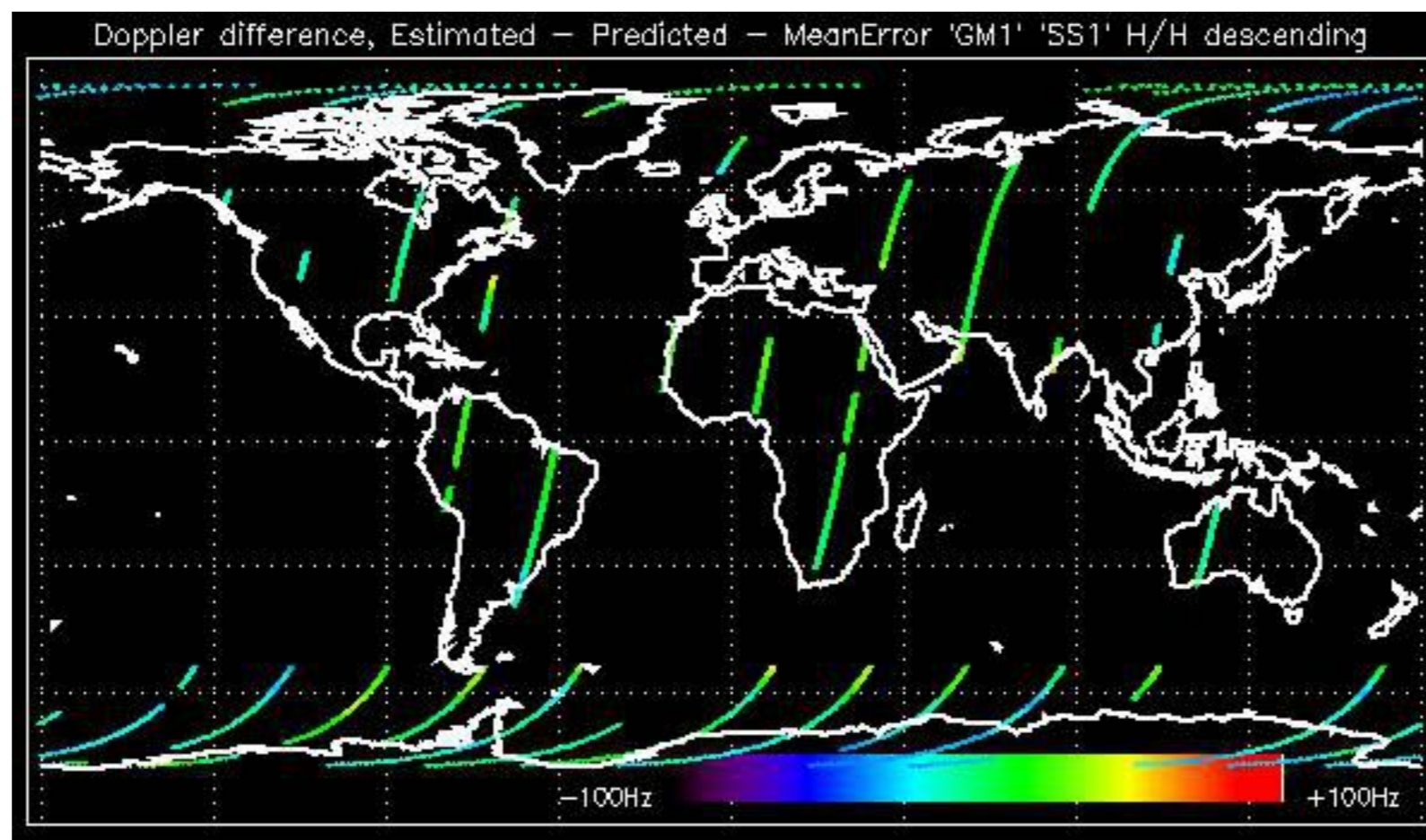


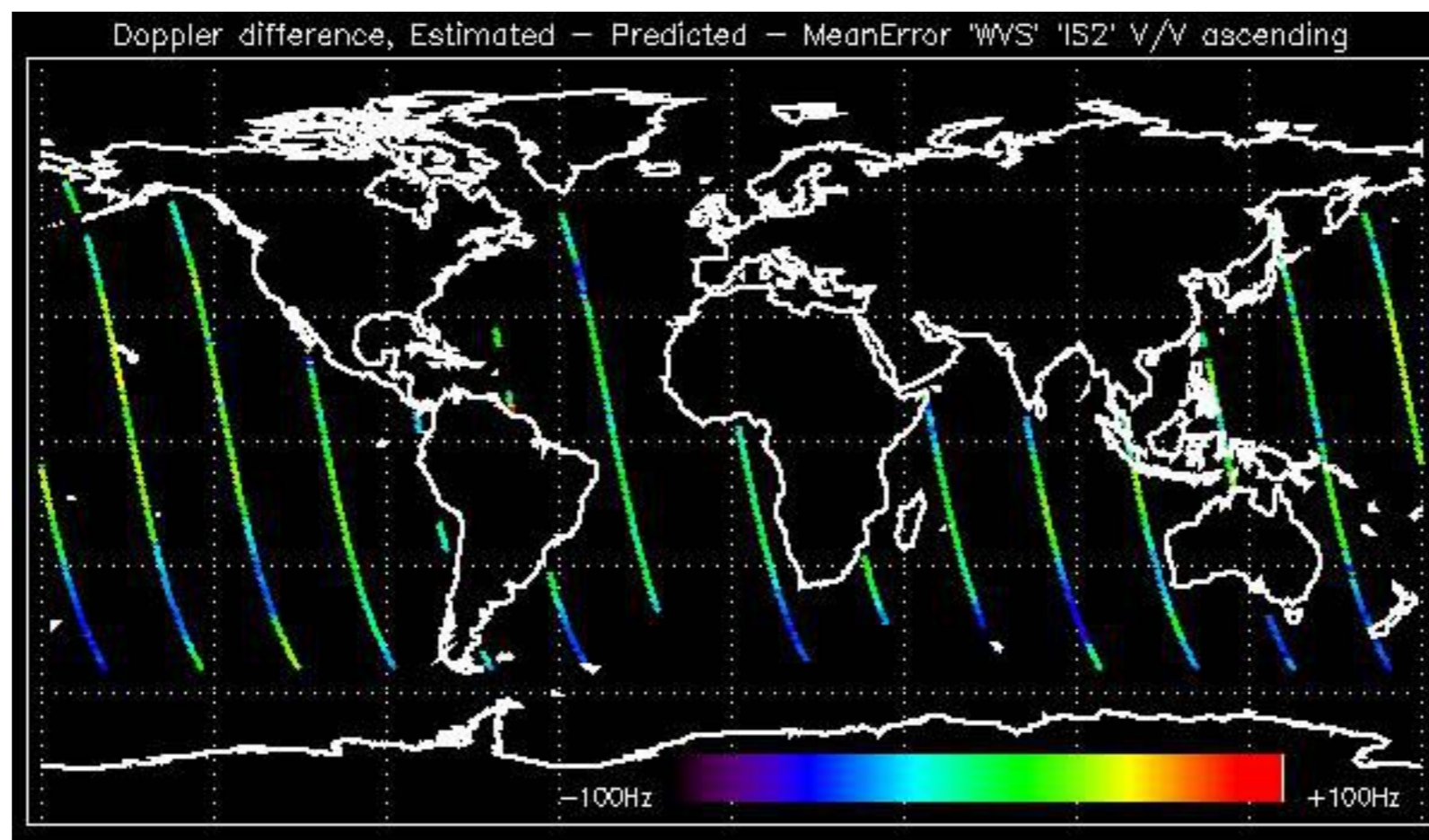


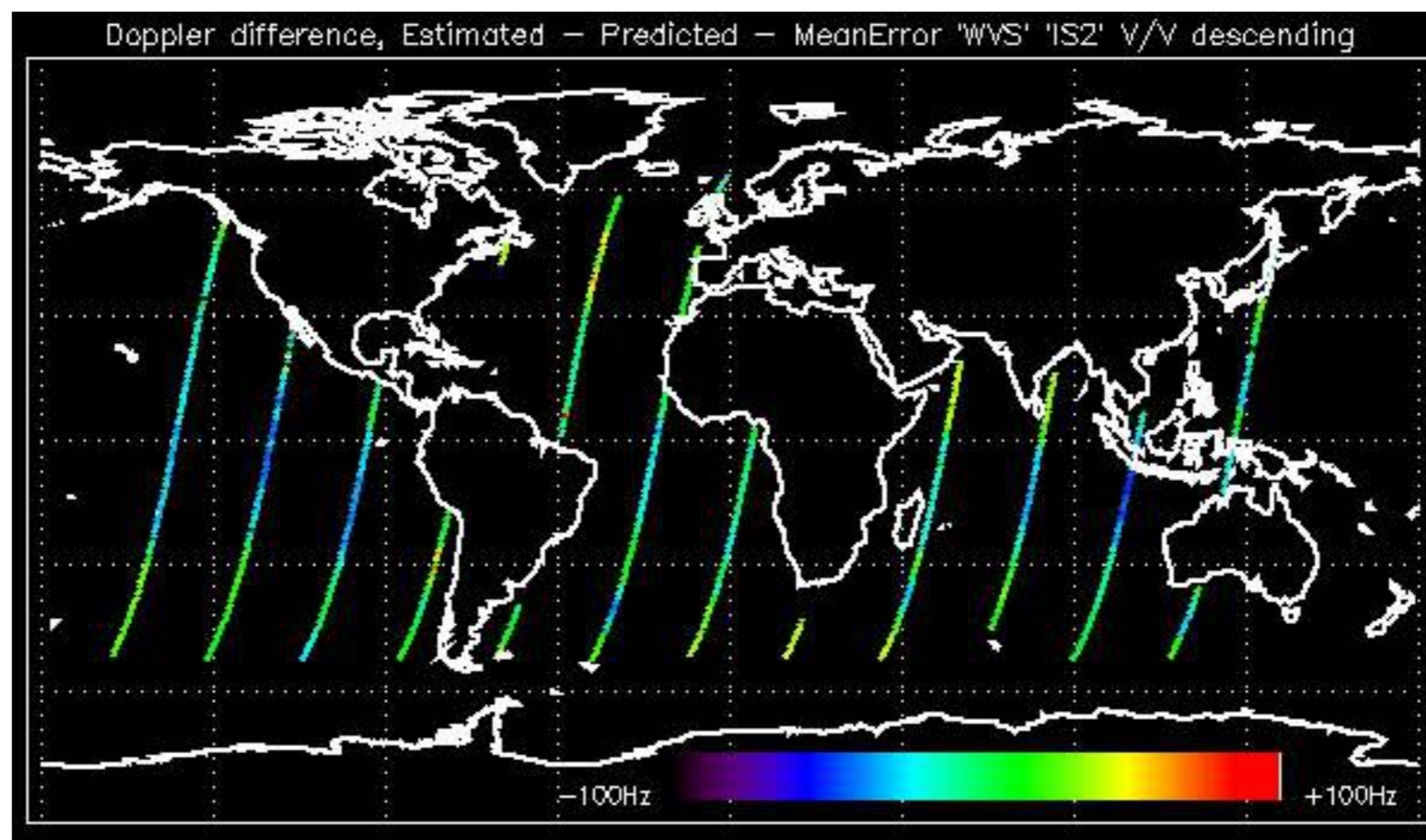


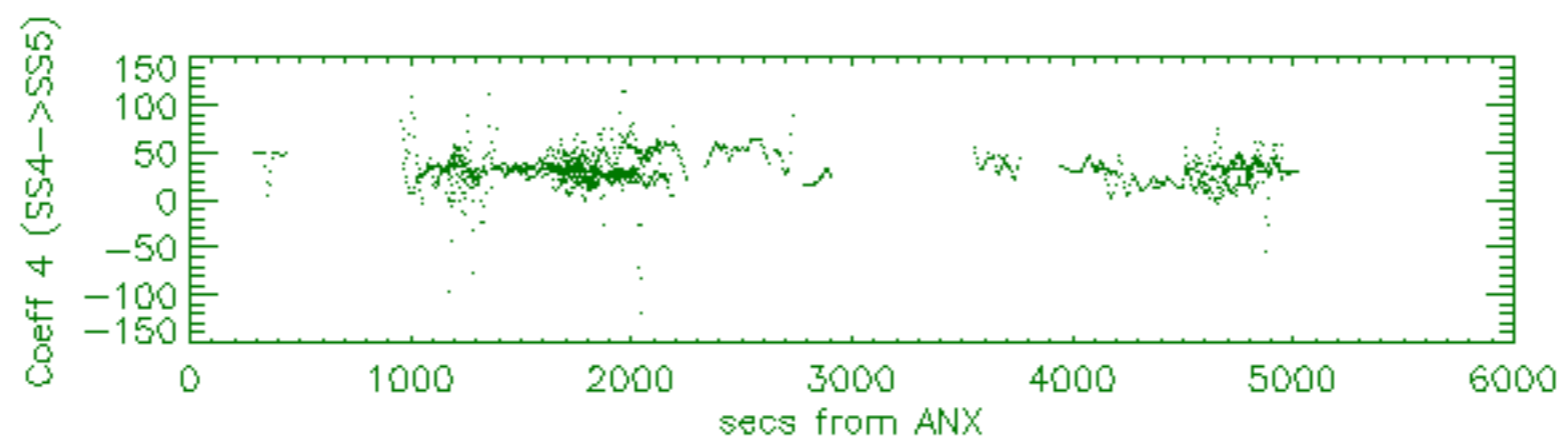
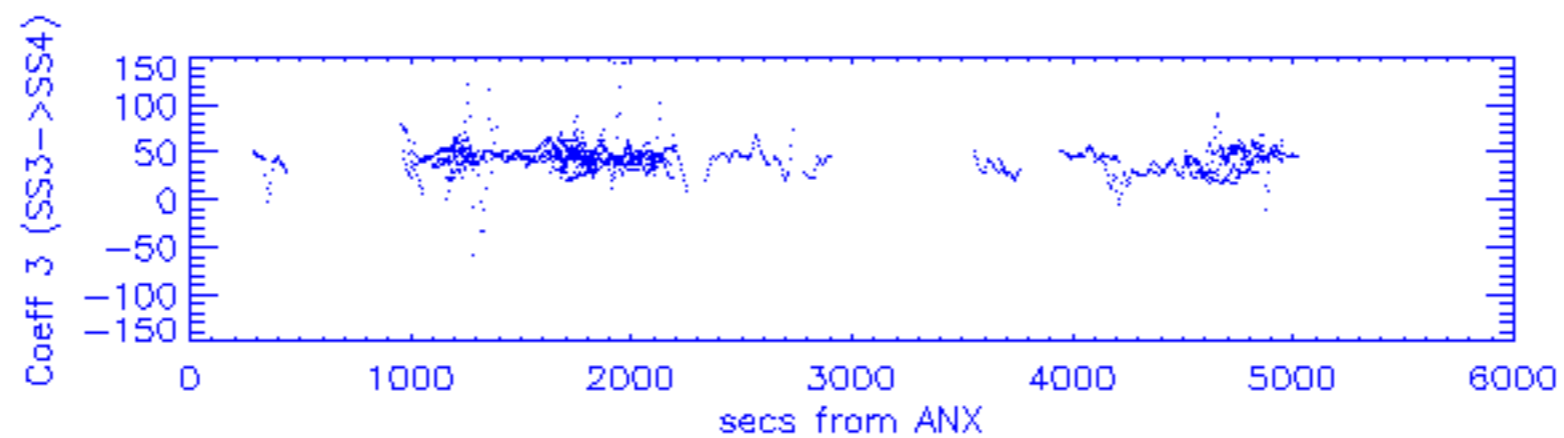
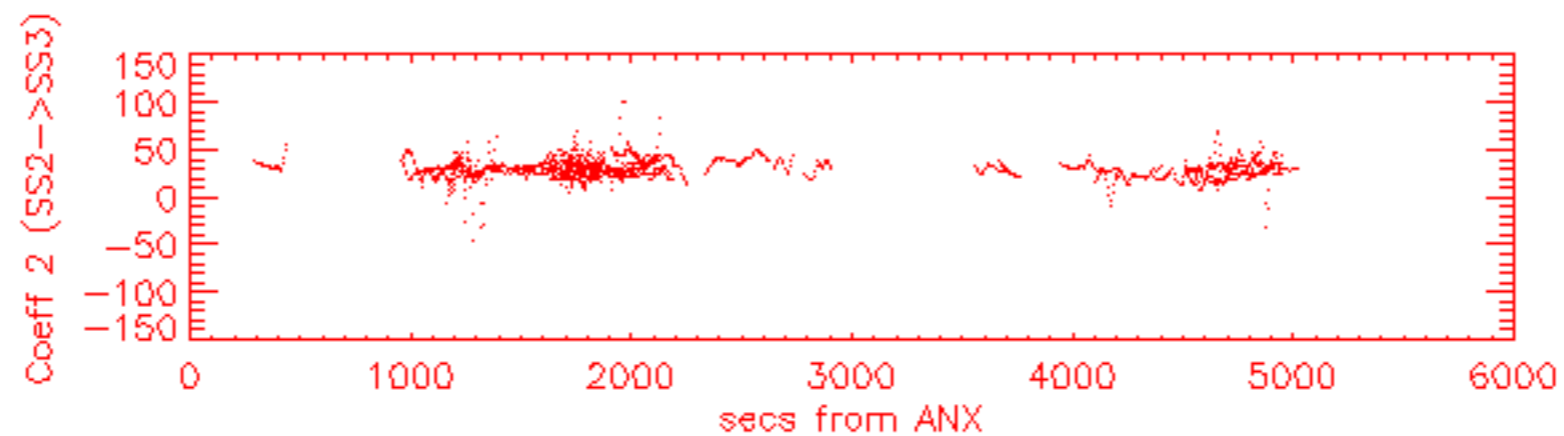
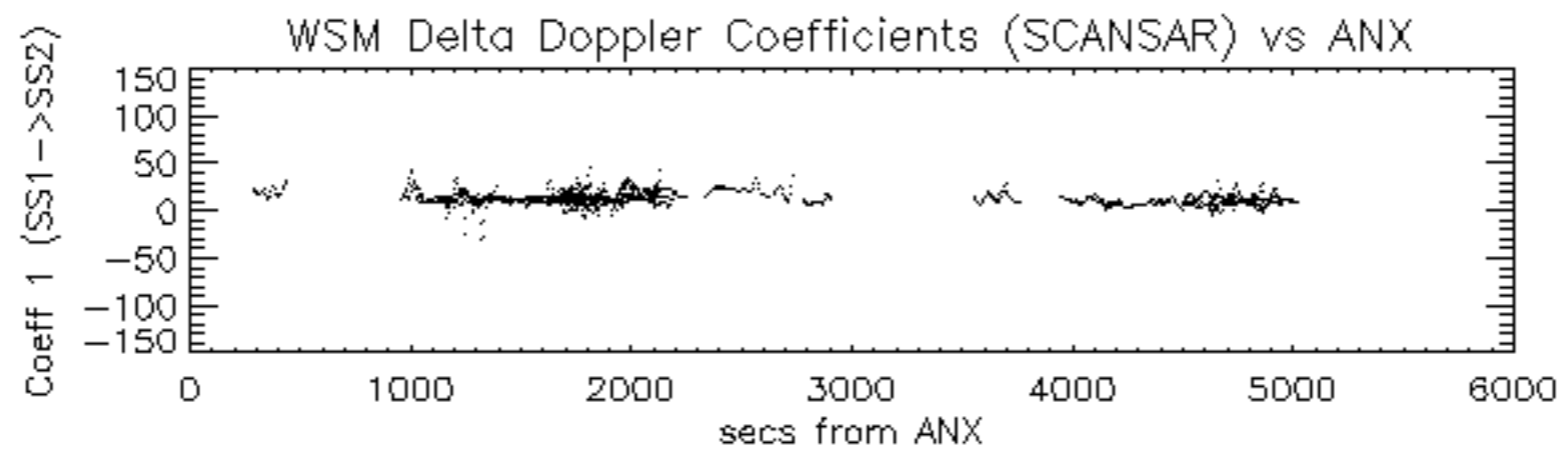


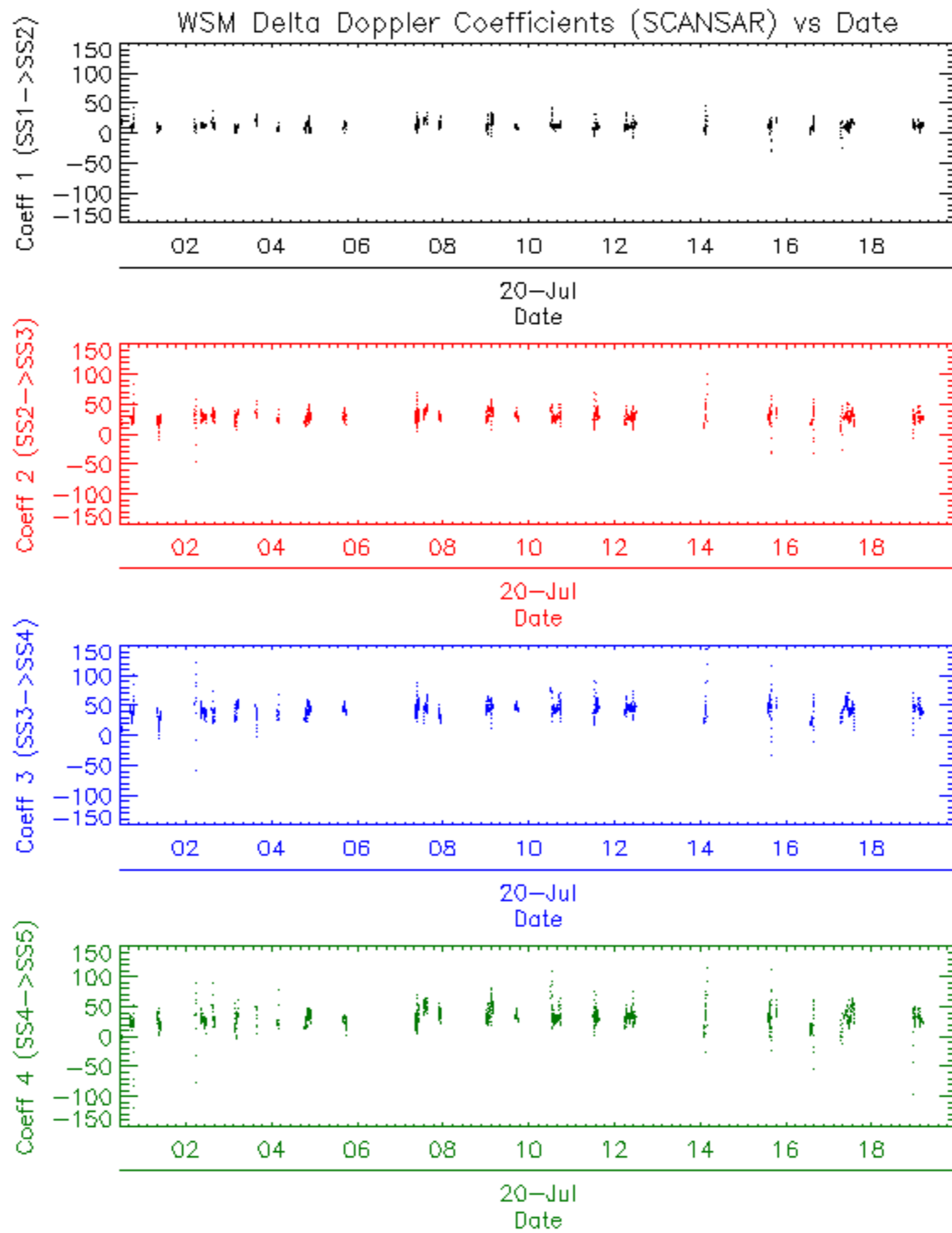




















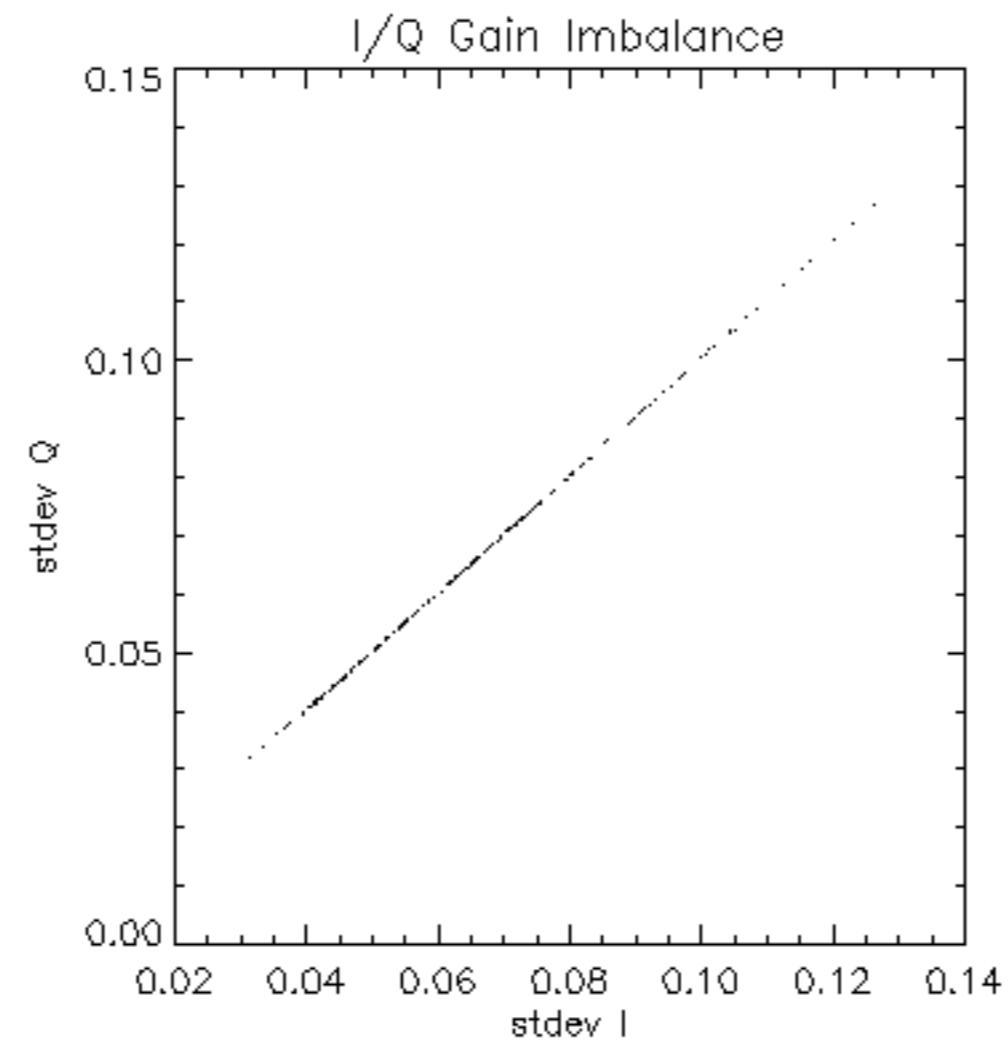


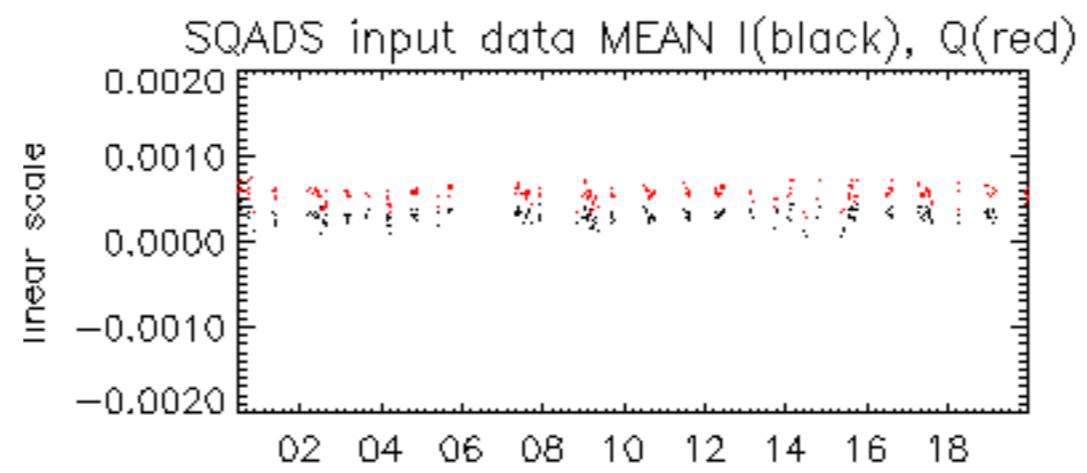




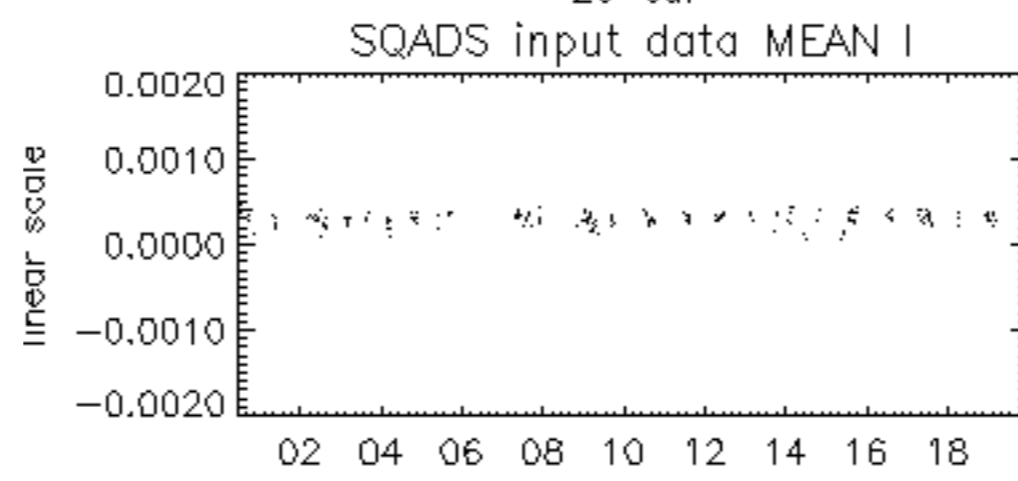




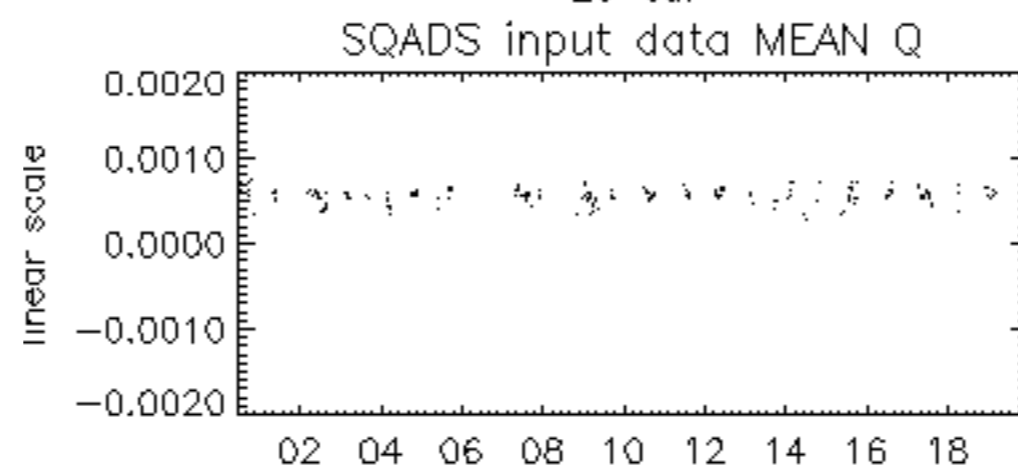




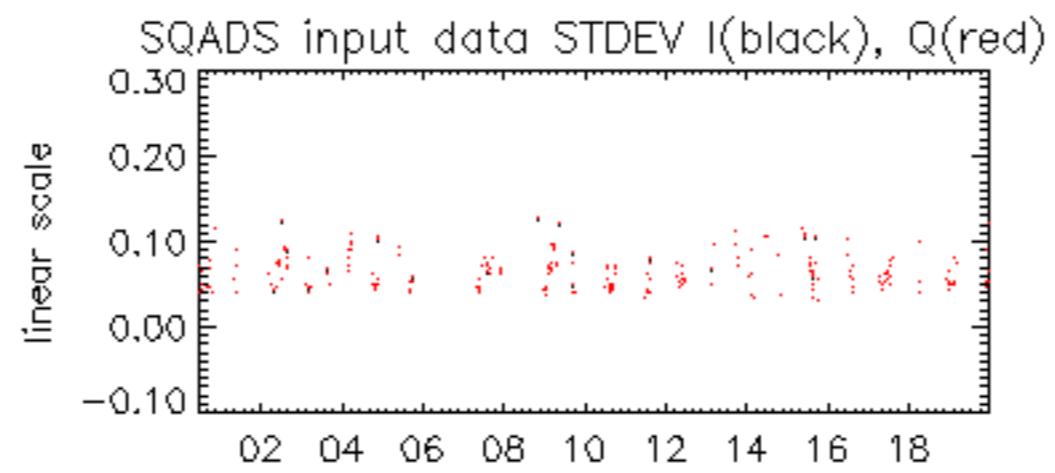
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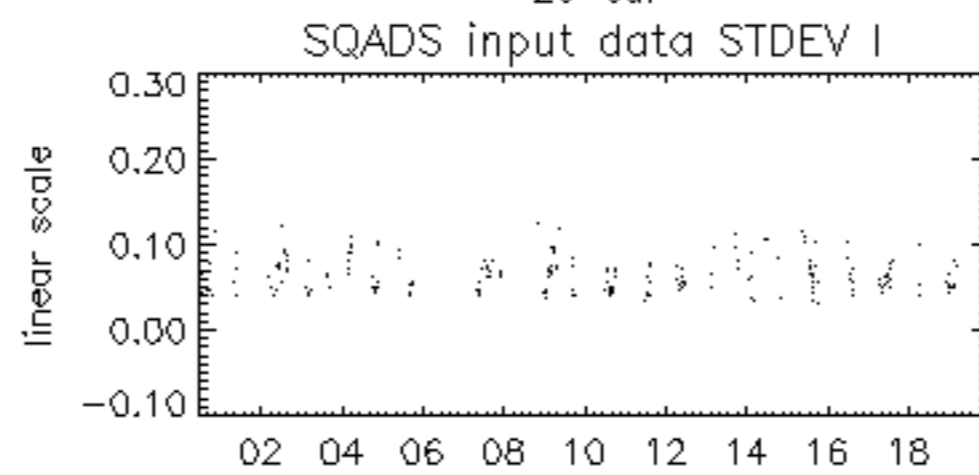
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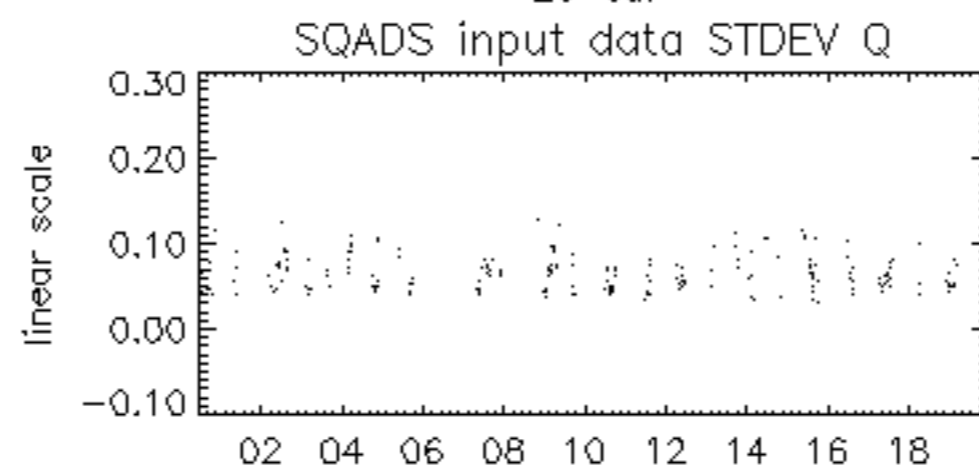
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20-Jul



20-Jul



