



Analysis from 24-JUL-2011 00:00:00 to 24-JUL-2011 23:59:59. Page generated on 25-JUL-2011 12:22:35.  
View log file: ASAR\_Daily\_Report\_20110725\_1221.log. For any anomalies please contact emma.griffiths@vegaspace.com, kajal.haria@vegaspace.com.

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

## 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	2	PDE	WS	H/H	22	PDE	IS2	H/V	1	PDE	IS2	V/V	1	PDE	WS	H/H	20	PDE	2011-07-24 04:47:38	H	320
PDE	IS2	V/V	18	PDE	WS	H/H	4	PDE	IS4	H/H	2	PDE	IS6	H/H	6	PDE	WS	V/V	4	PDE	2011-07-24 23:10:12	V	320
PDE	IS2	V/V	1	PDK	WS	H/H	42	PDE	IS4	V/H	3					PDE	WS	H/H	3	PDK	2011-07-24 06:27:52	V	320
PDE	IS4	V/V	24					PDK	IS7	H/H	1					PDK	WS	H/H	10				
PDK	IS2	V/V	22													PDK	WS	V/V	2				
																PDK	WS	H/H	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\_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_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

### 2.2 - Products with wrong ADFs

[ [BACK TO MENU](#) ]

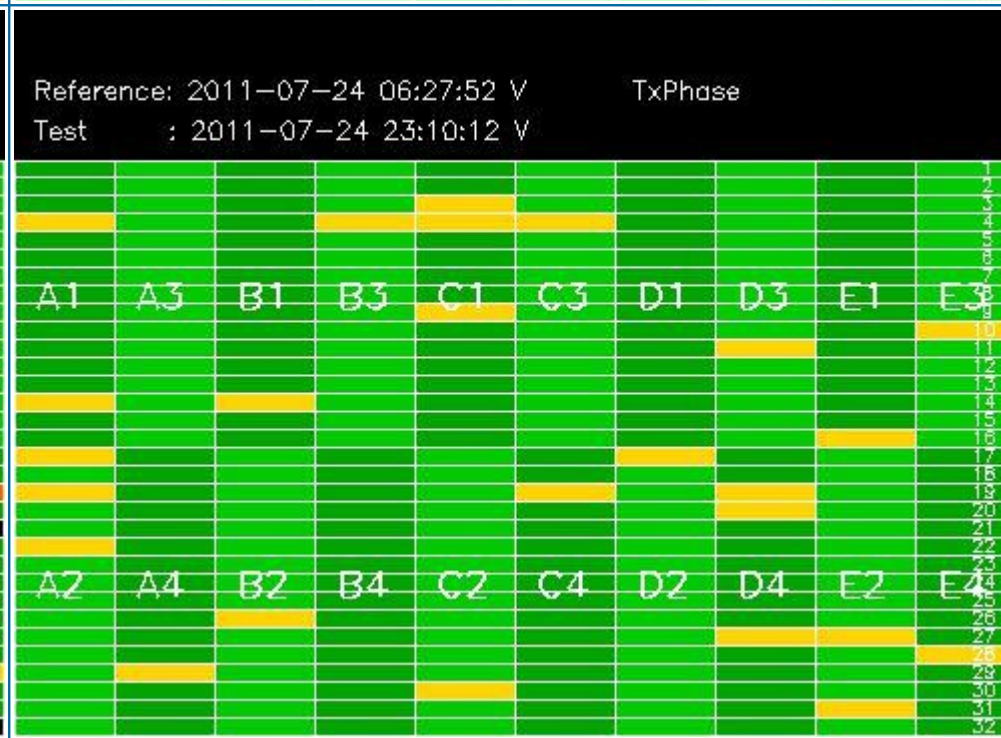
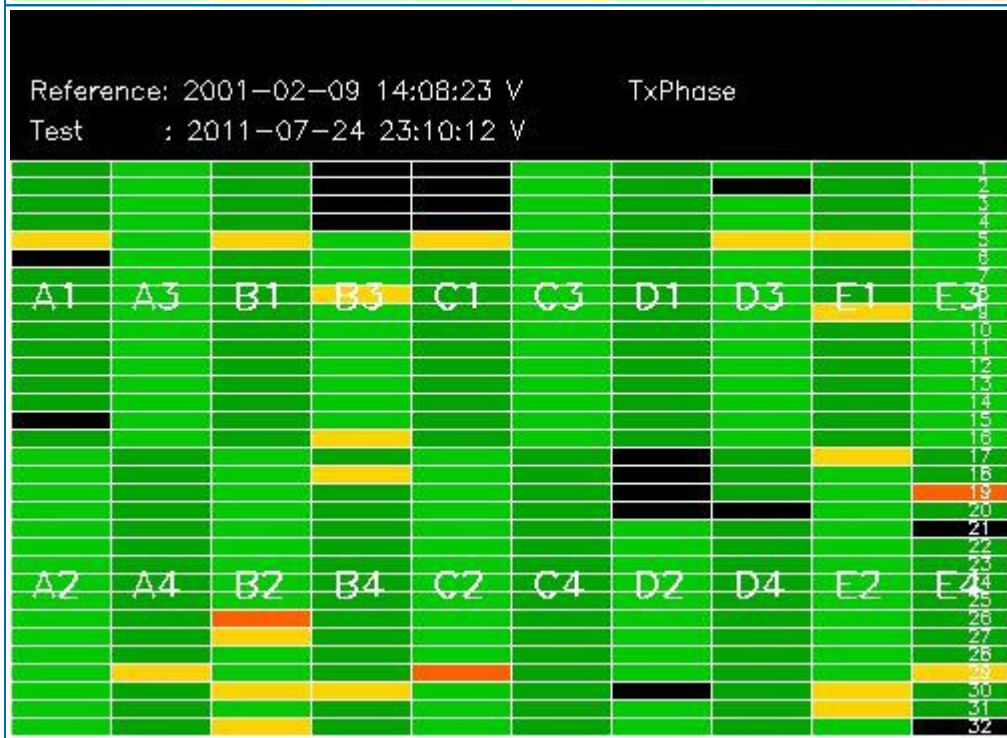
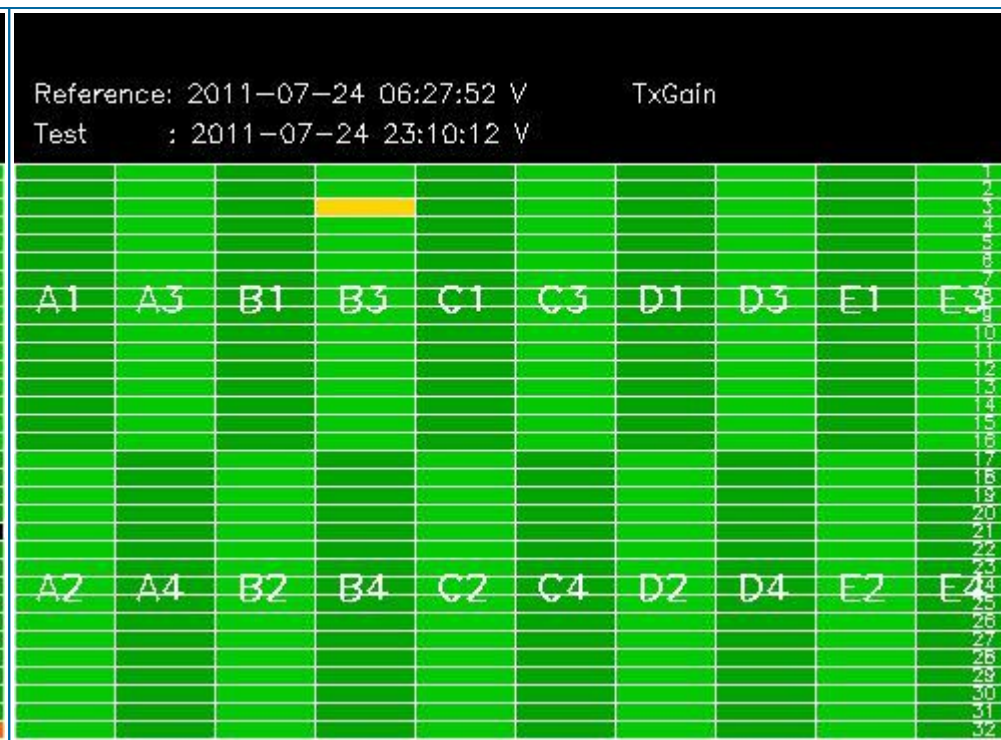
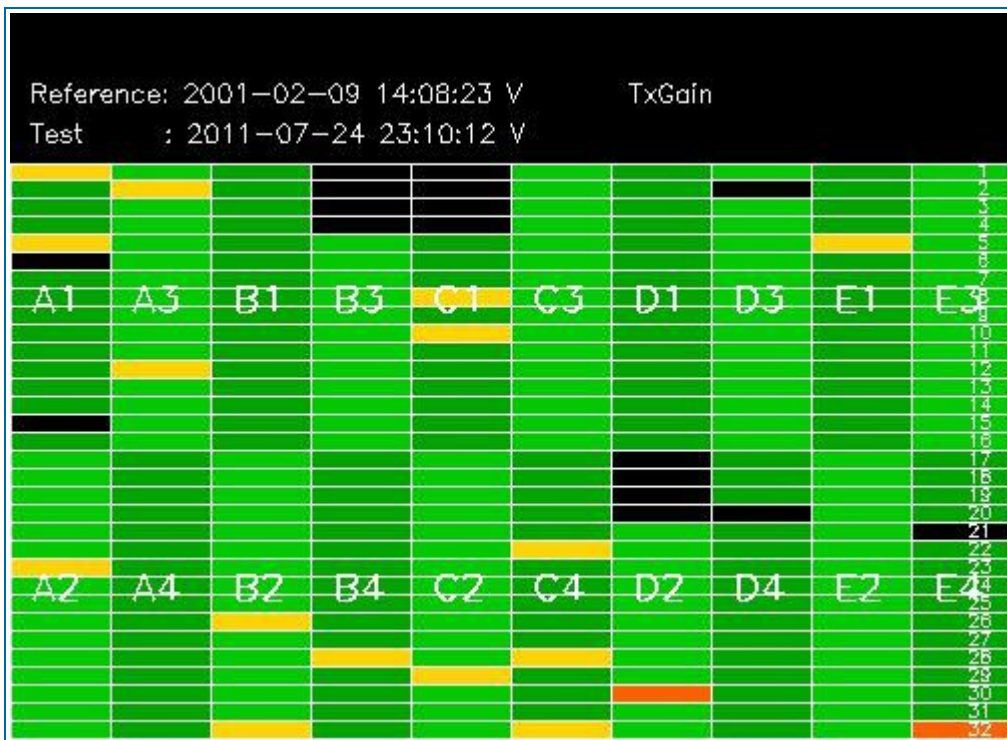
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

[\[TXT\]](#) [\[XLS\]](#) 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





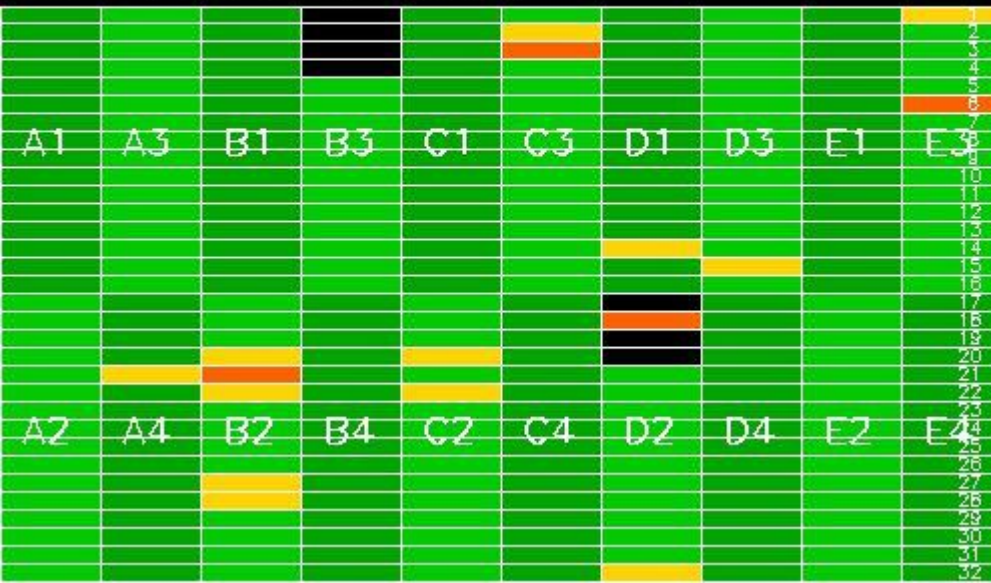


### 3.2 - H/H polarisation

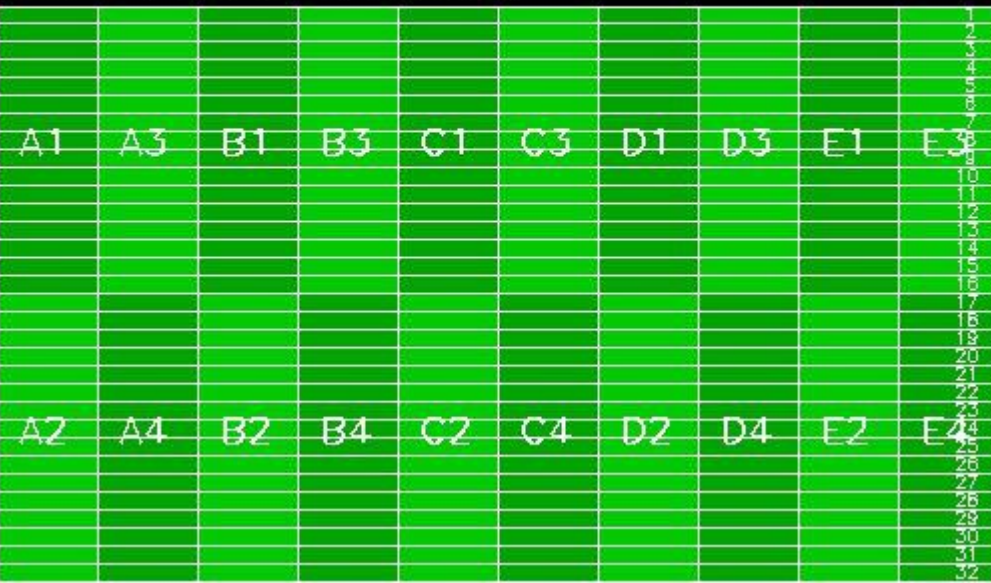
[ [BACK TO MENU](#) ]

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

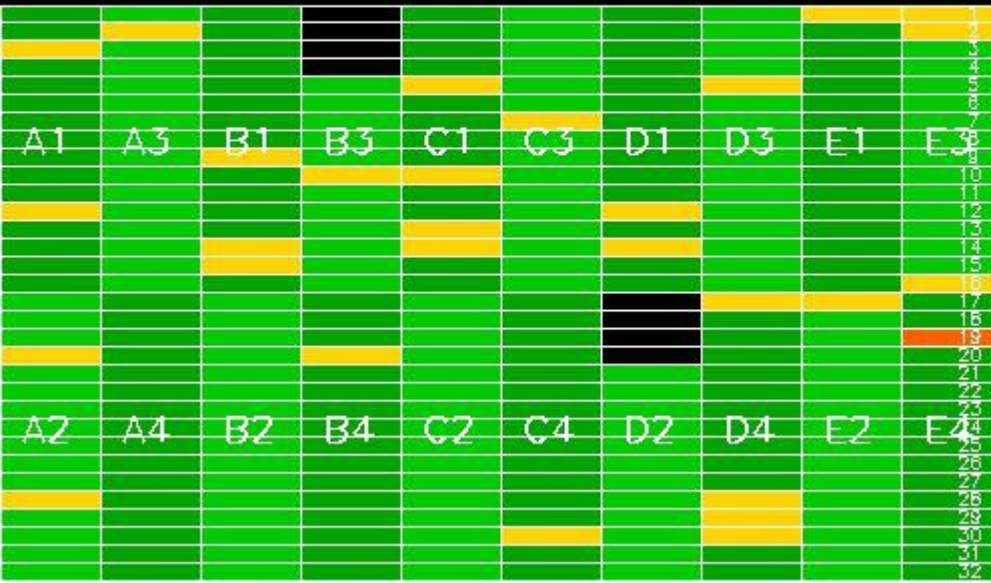
Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-07-24 04:47:38 H



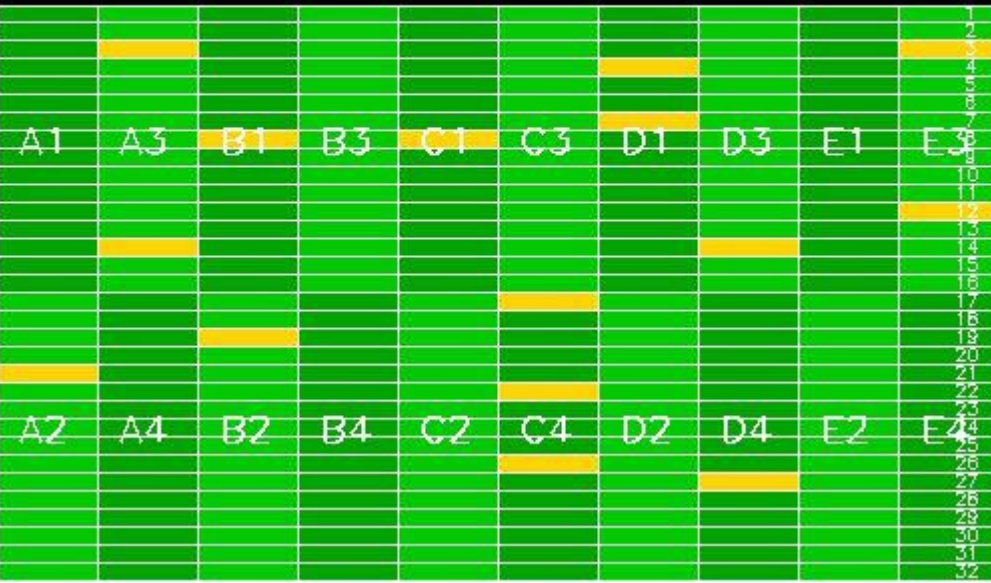
Reference: 2011-07-23 05:24:22 H RxGain  
 Test : 2011-07-24 04:47:38 H



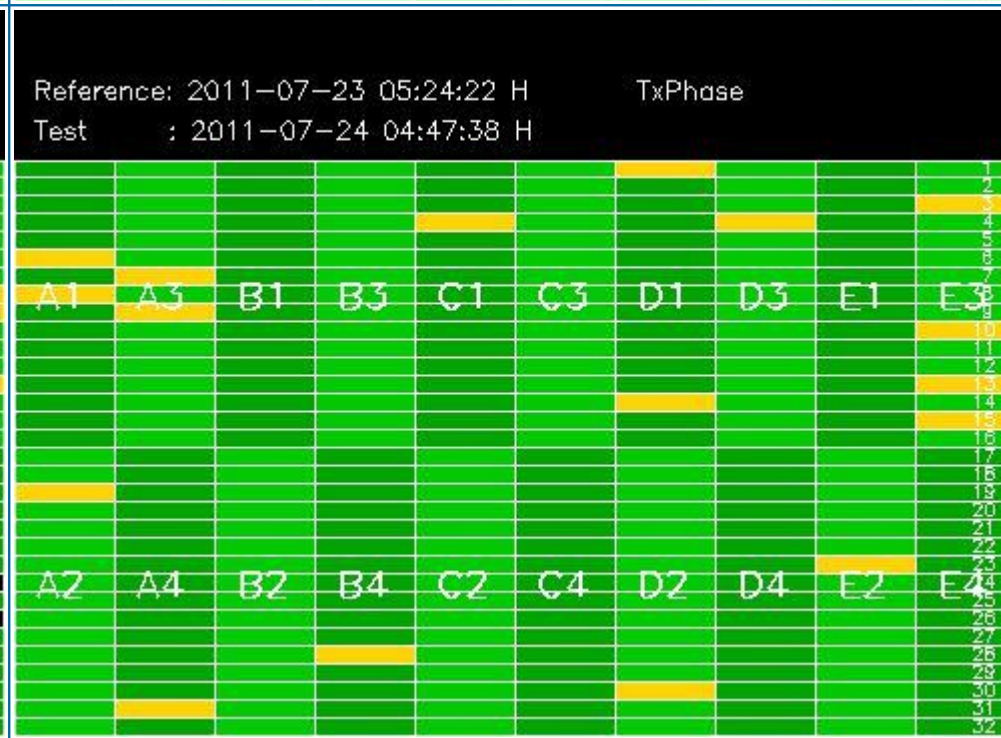
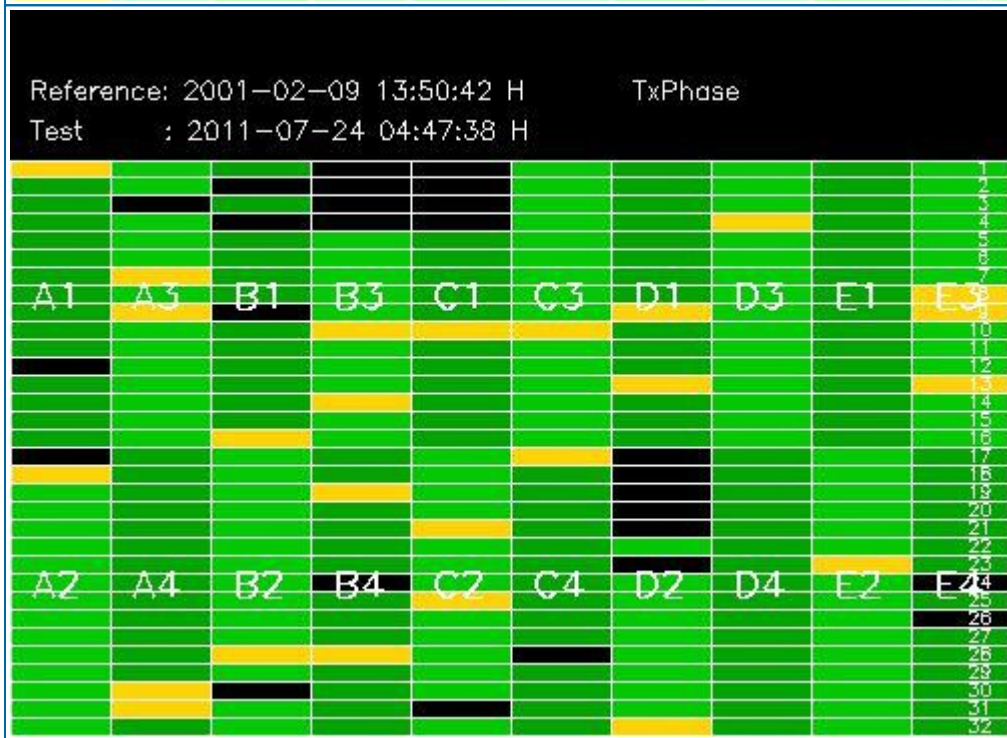
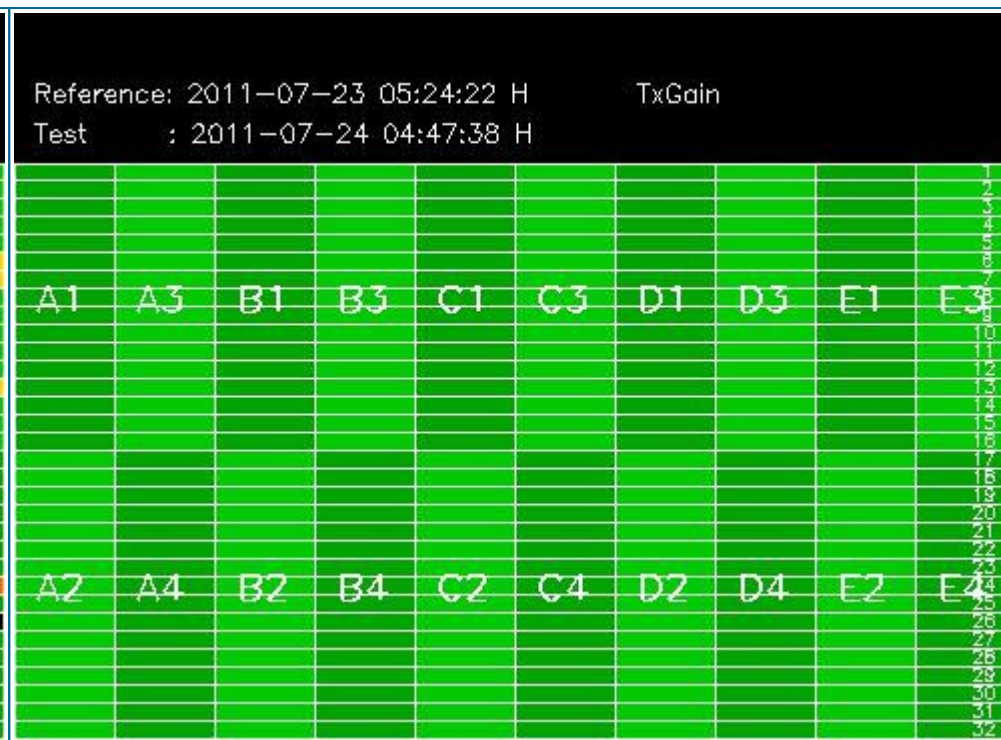
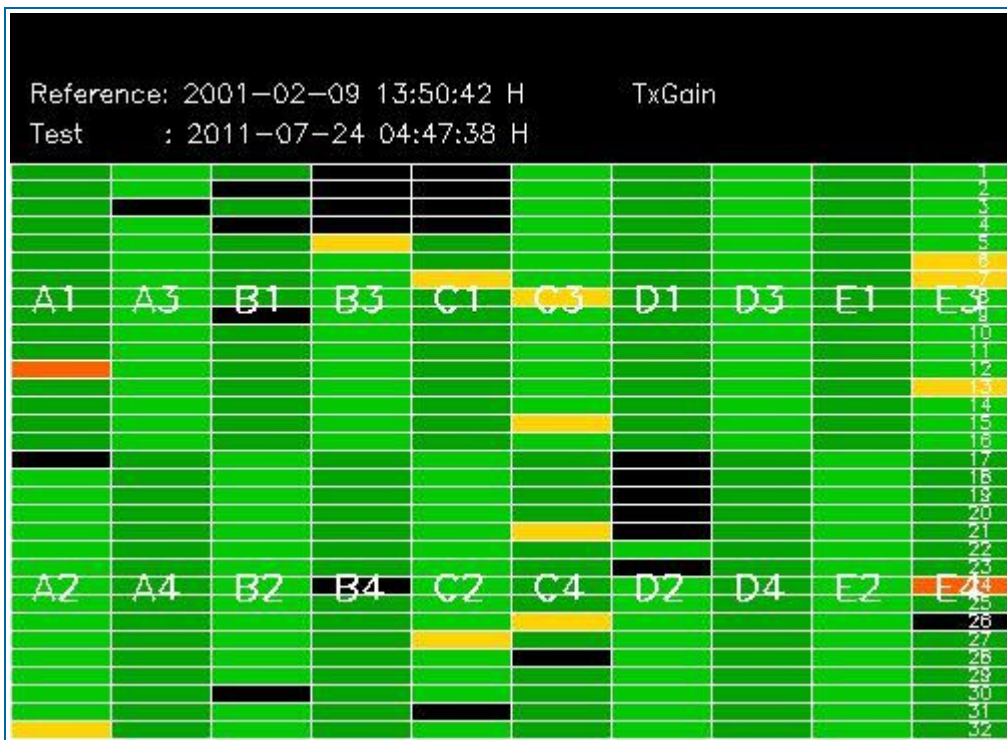
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-07-24 04:47:38 H



Reference: 2011-07-23 05:24:22 H RxPhase  
 Test : 2011-07-24 04:47:38 H







## 4 - CALIBRATION PULSES ANALYSIS

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

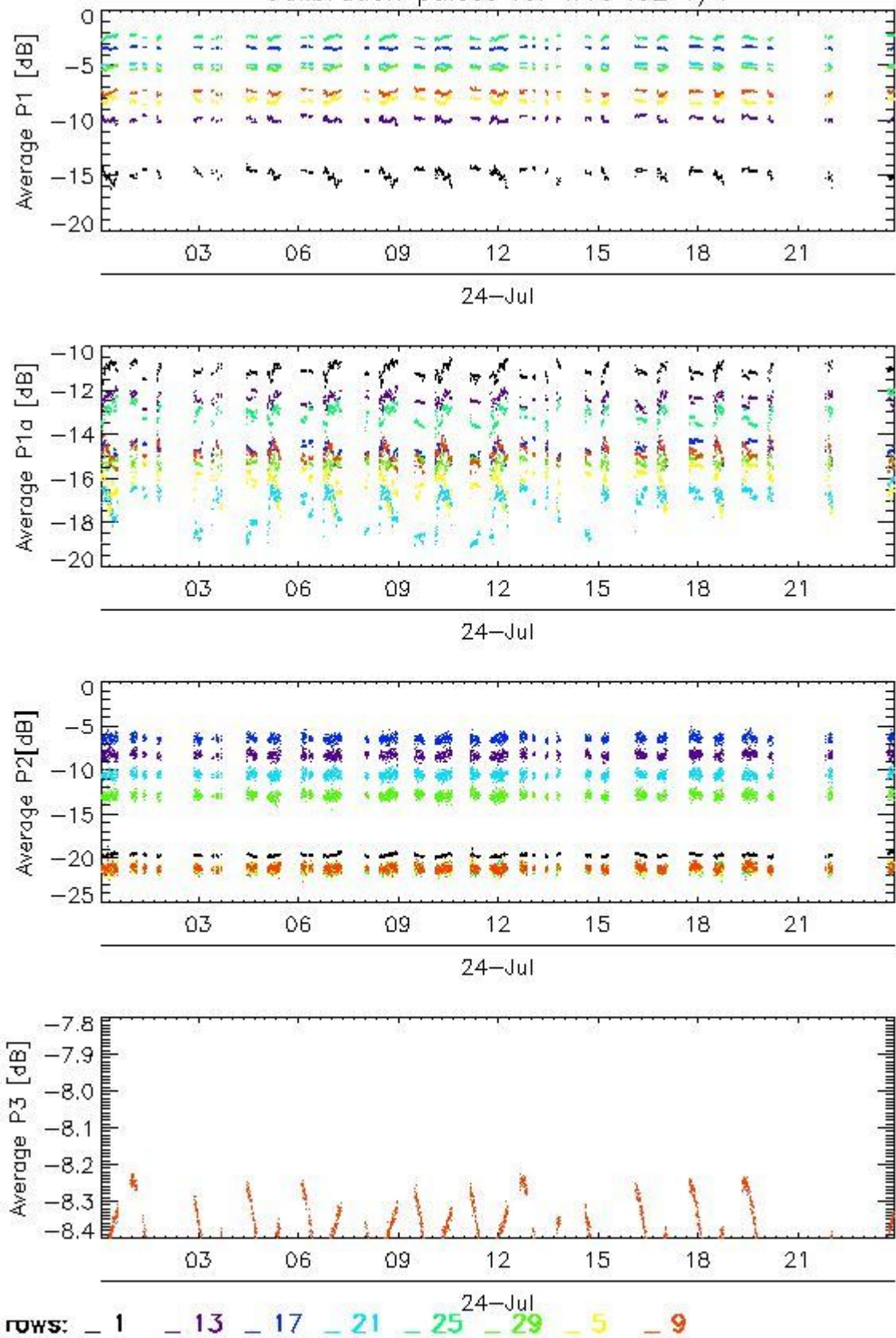
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

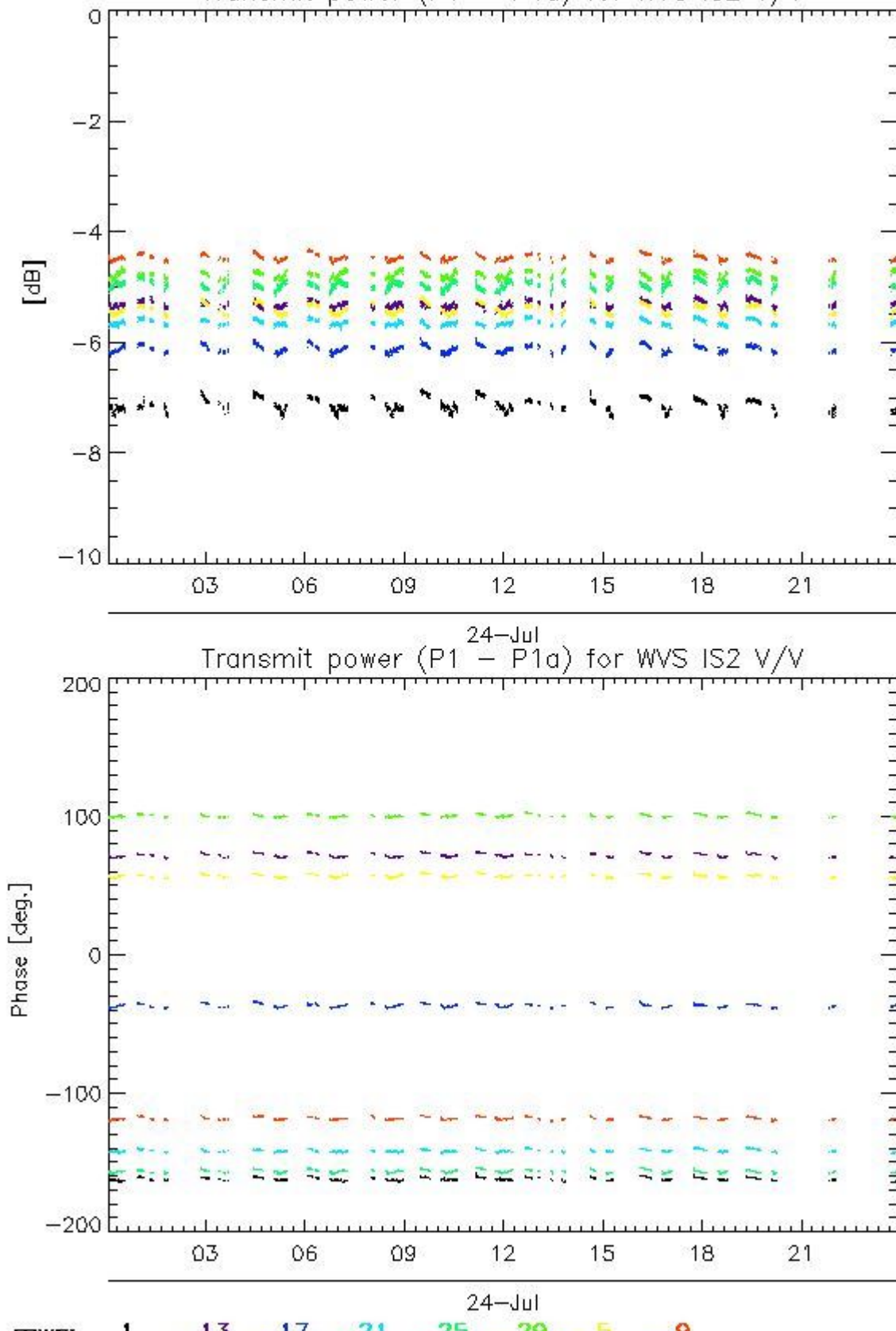
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

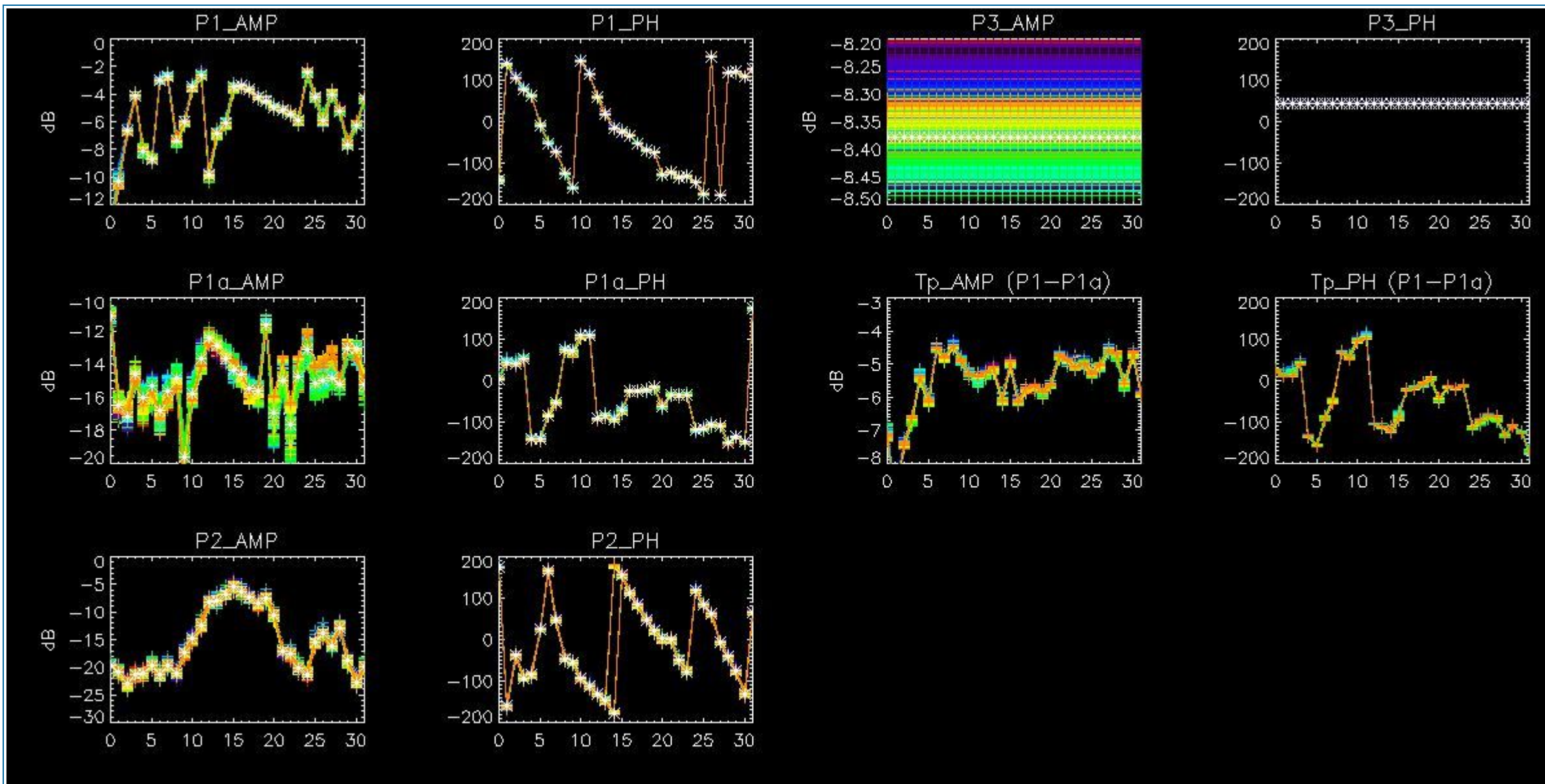


4.1.2 - All Rows Analysis for WVS IS2 V/V

[ BACK TO MENU ]







## 4.2 - Analysis for GM1 SS3 H/H

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

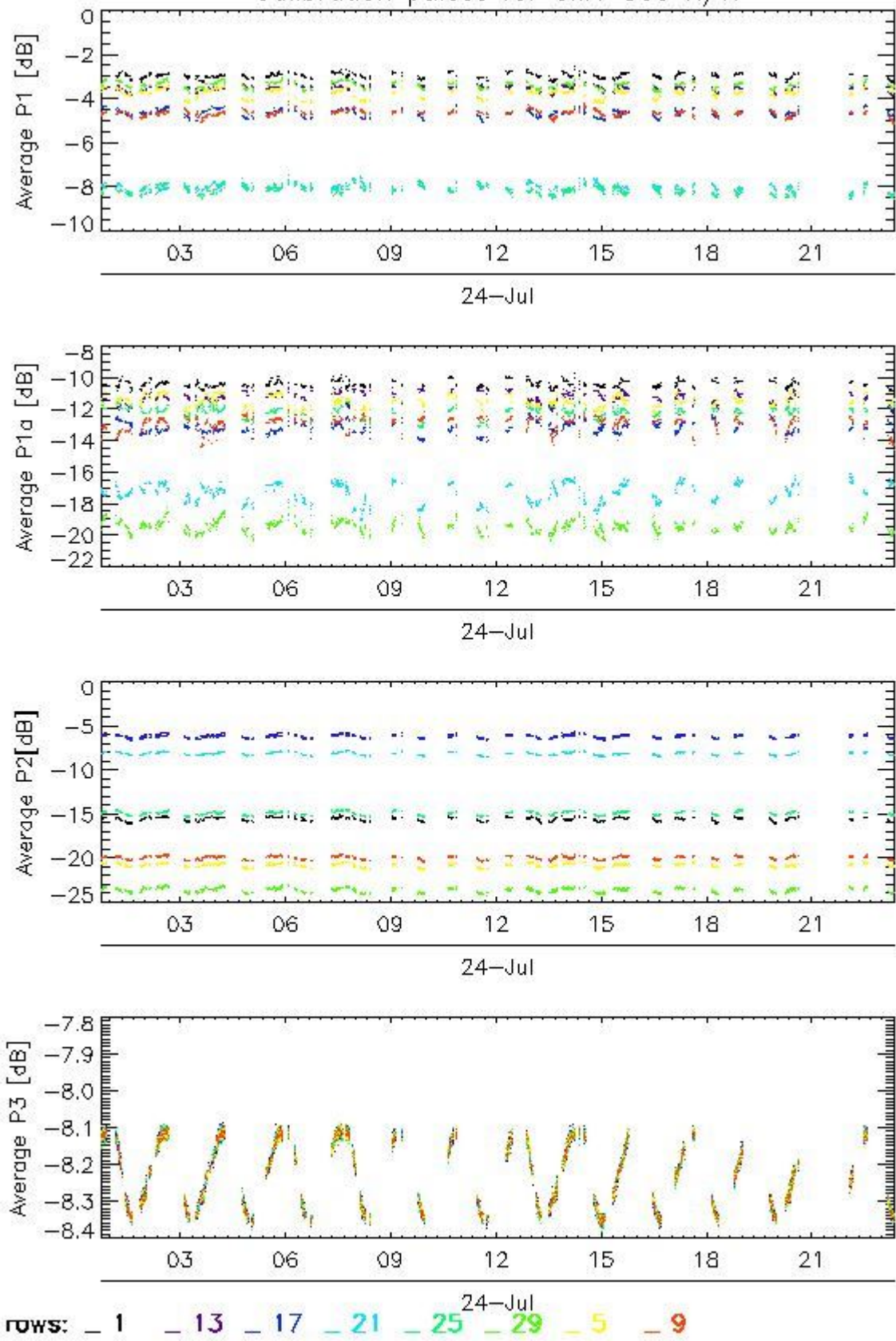
[ BACK TO MENU ]

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]

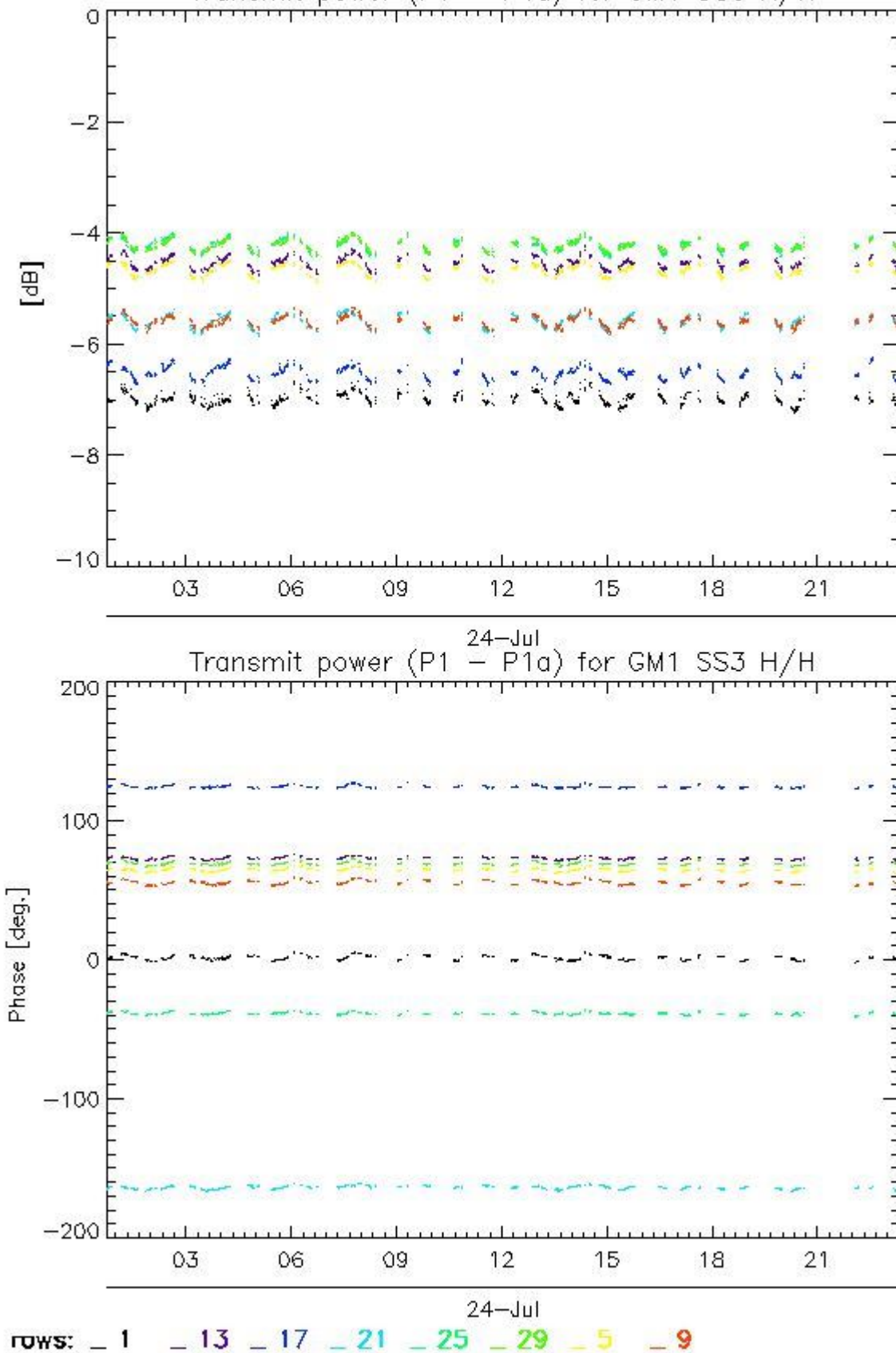
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



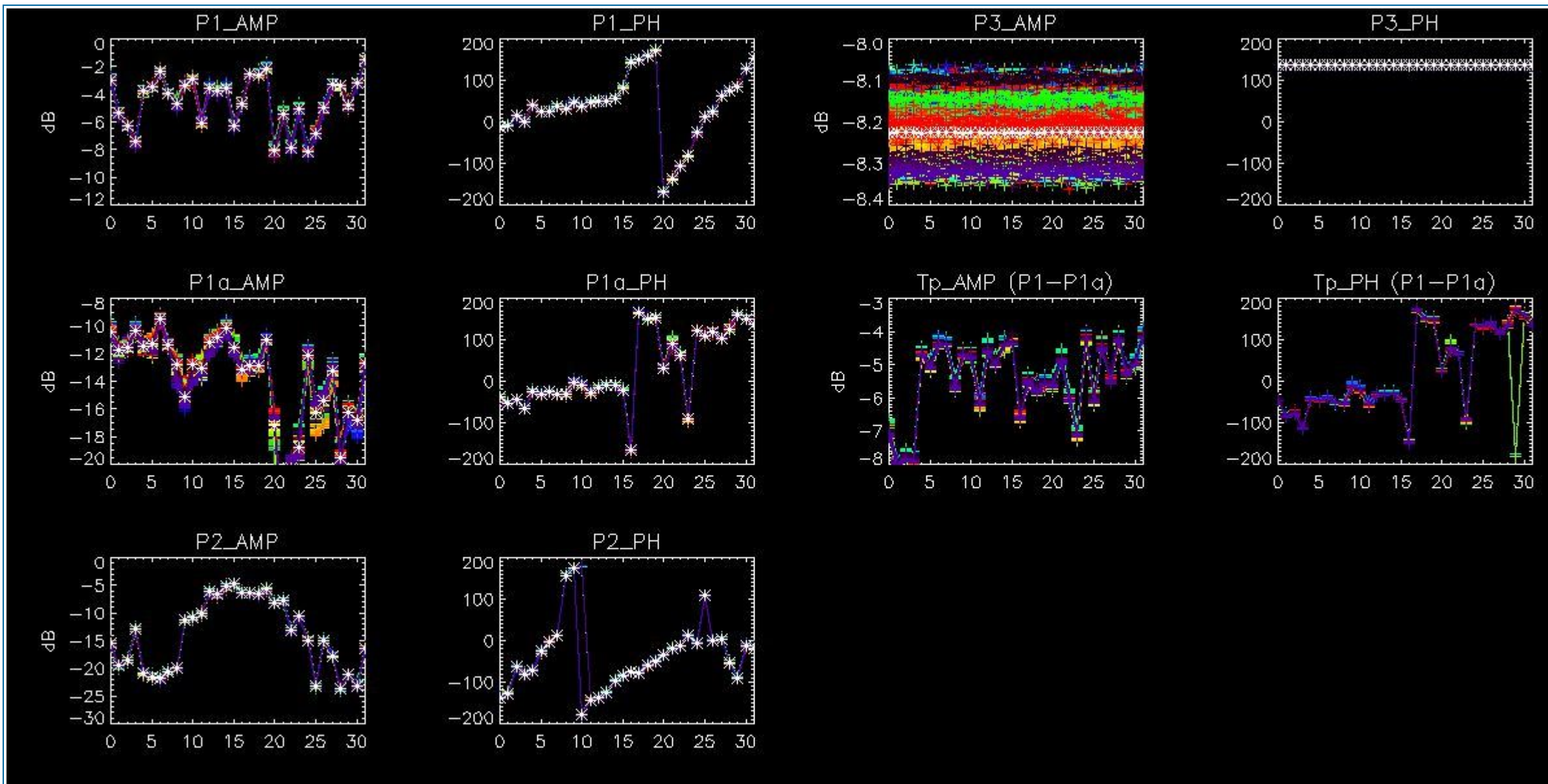
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

[ [BACK TO MENU](#) ]





## 5 - DOPPLER ANALYSIS

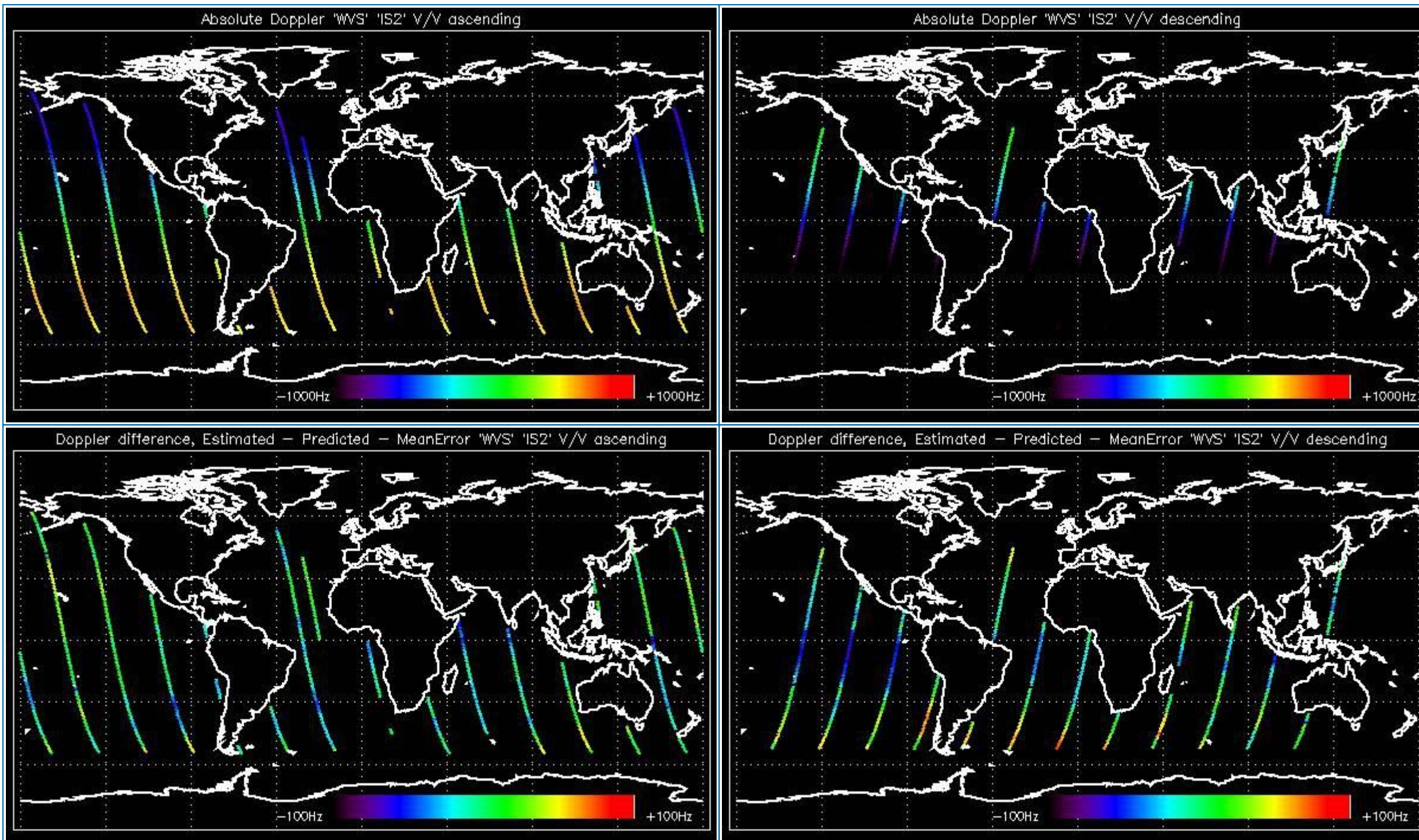
### 5.1 - Analysis for WVS IS2 V/V

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

[ [BACK TO MENU](#) ]



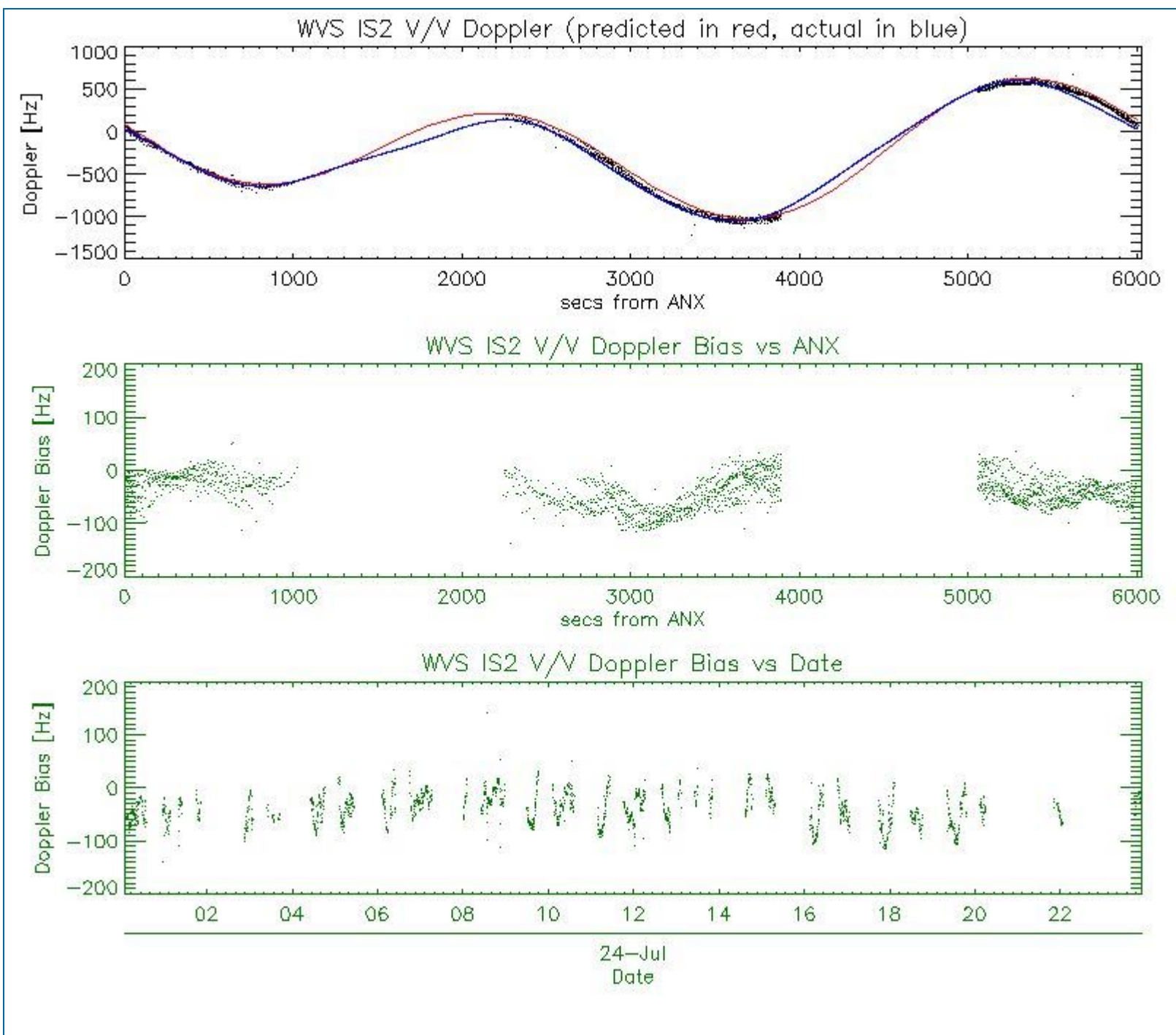




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]





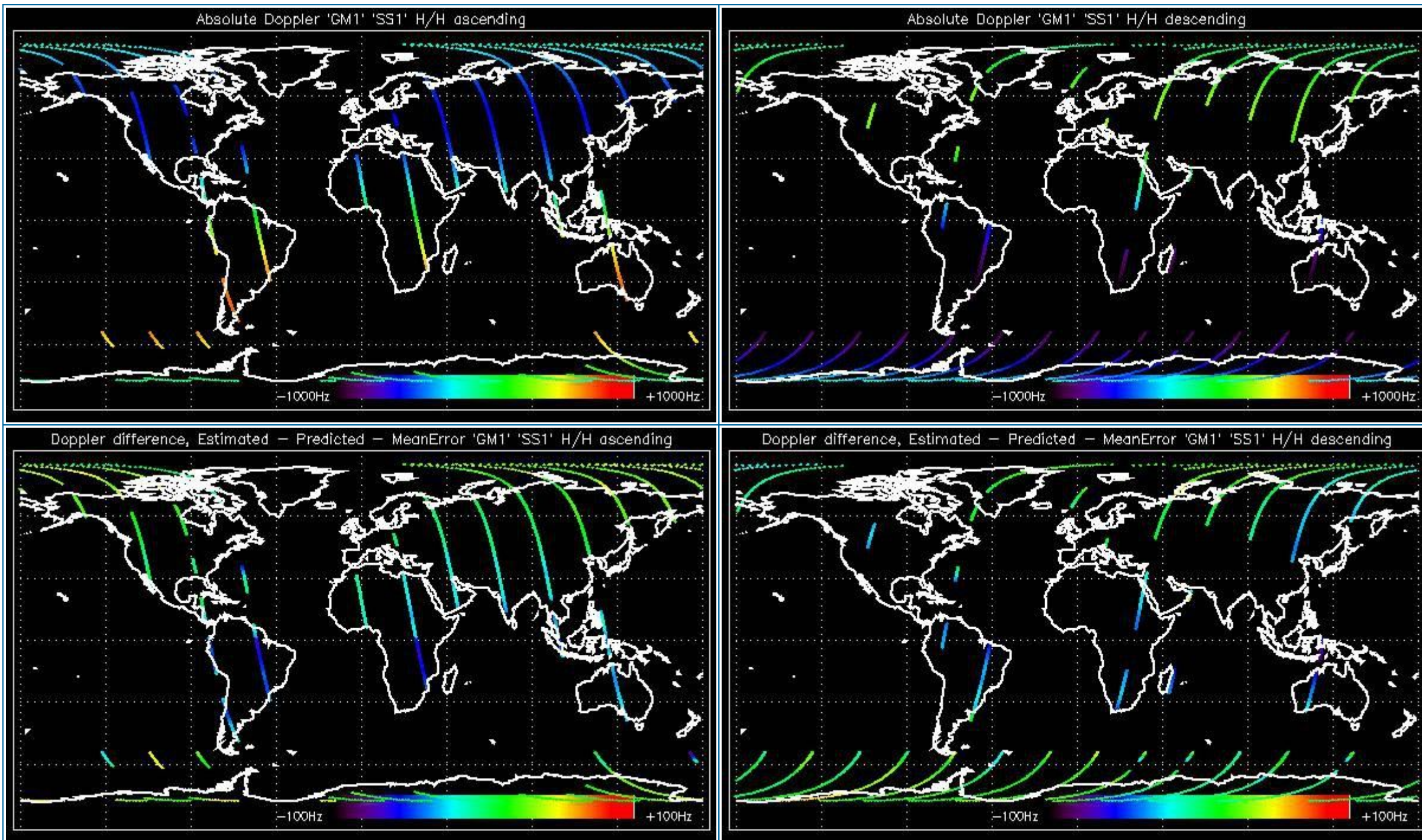
## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]



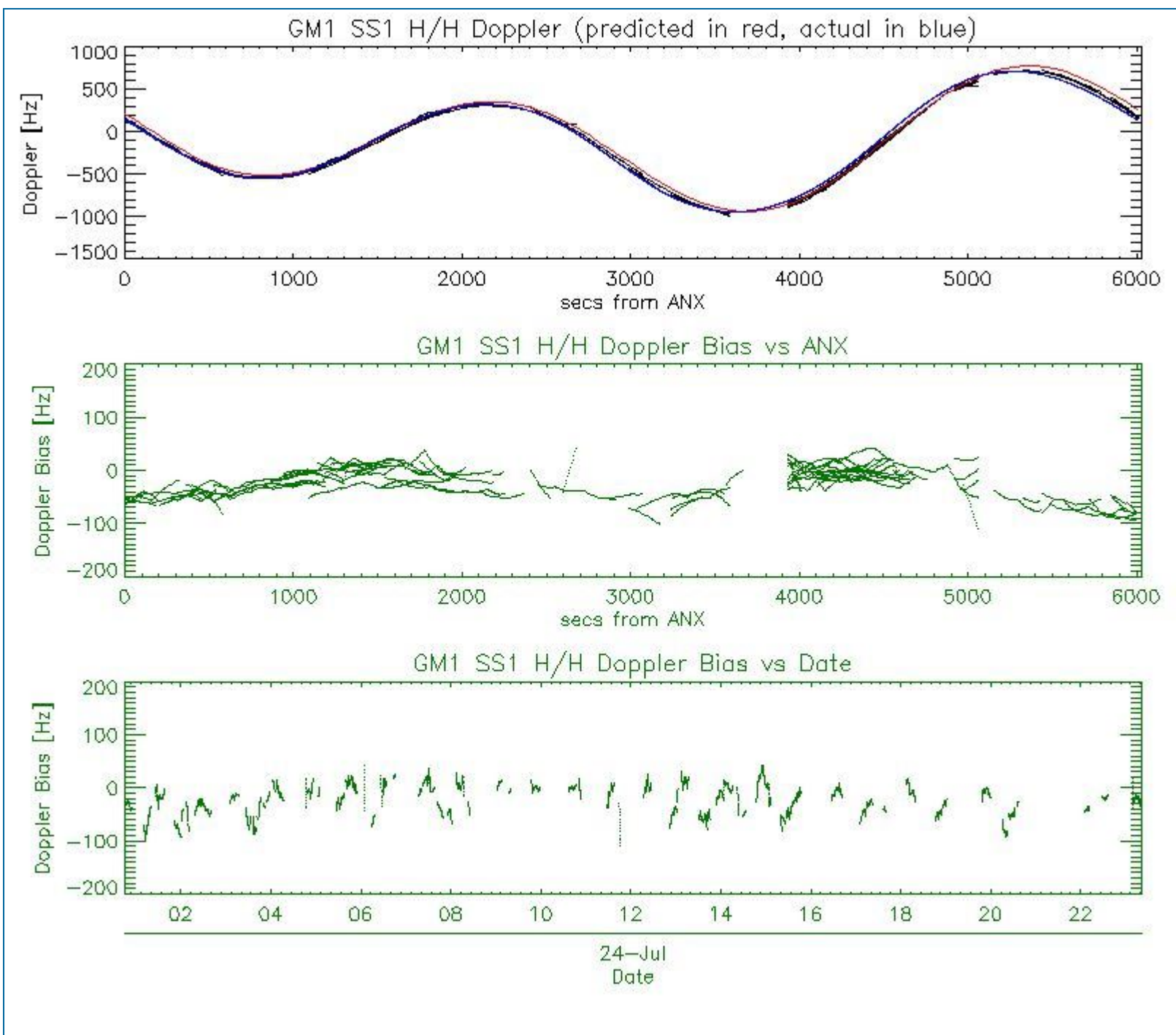




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]



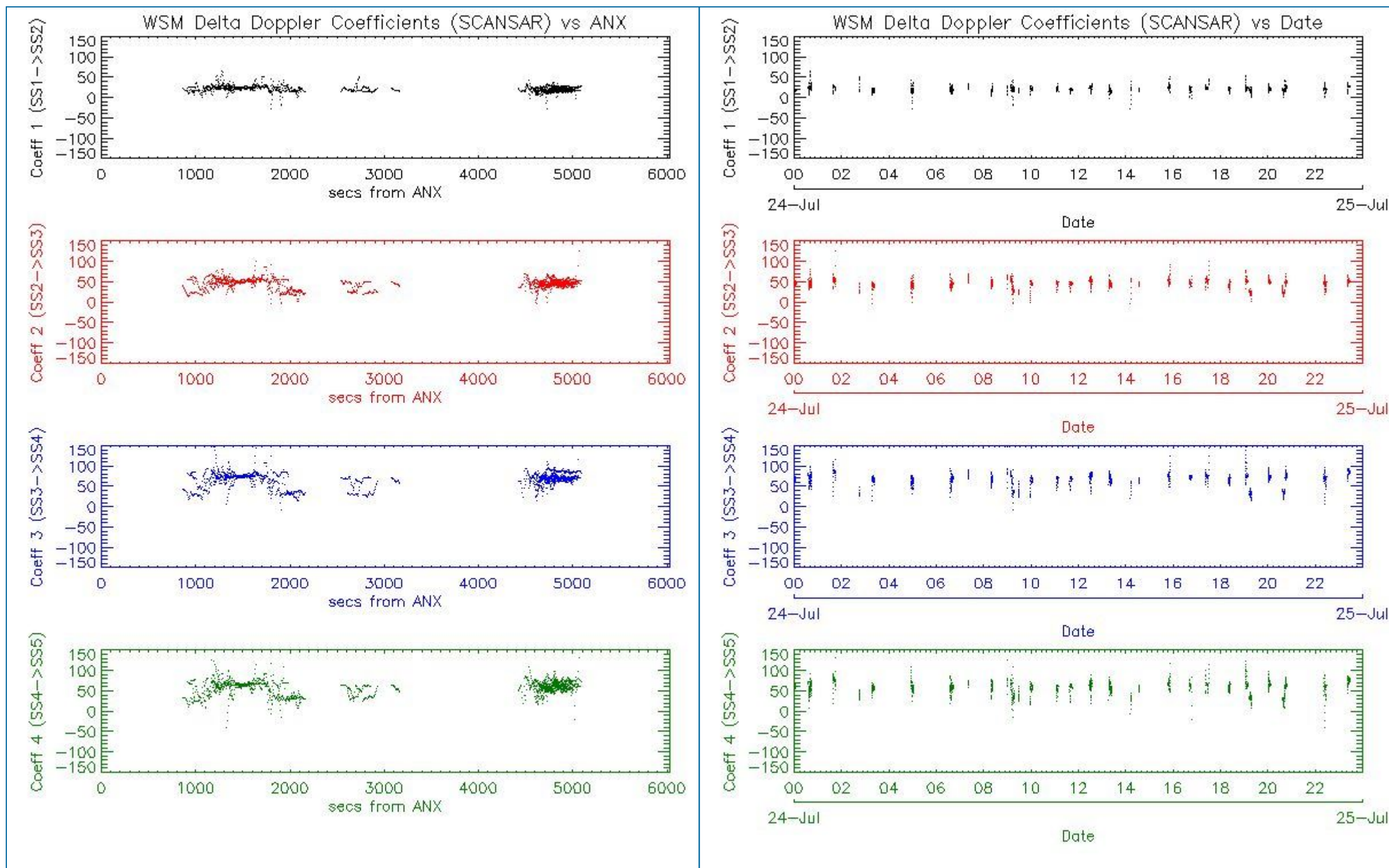


### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]







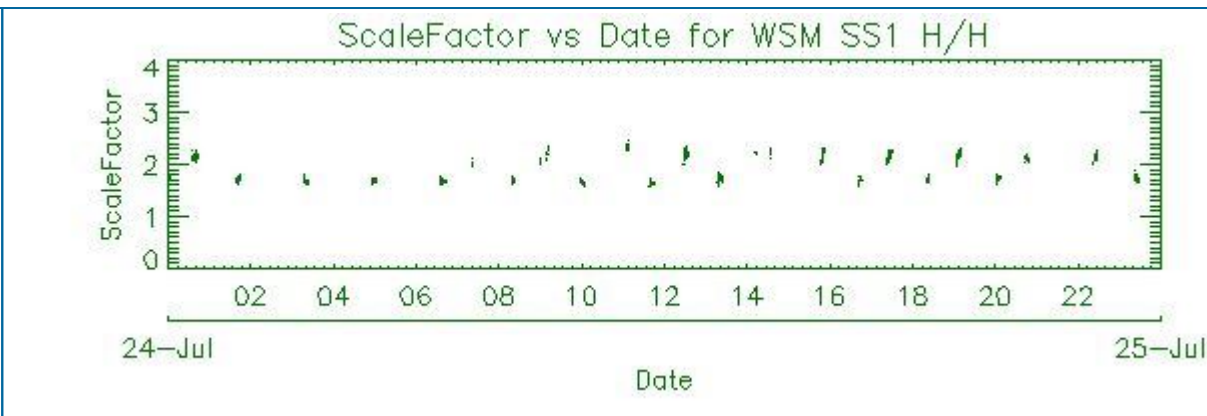
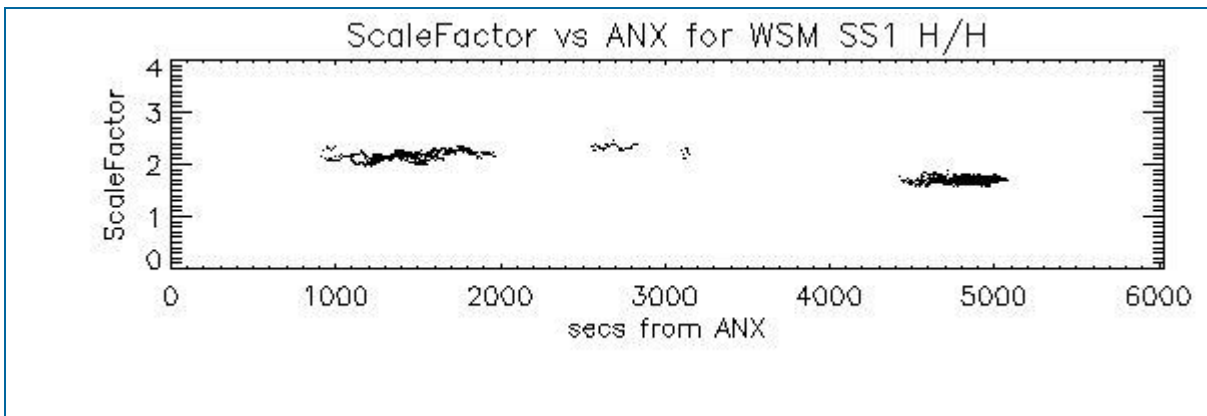
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ BACK TO MENU ]

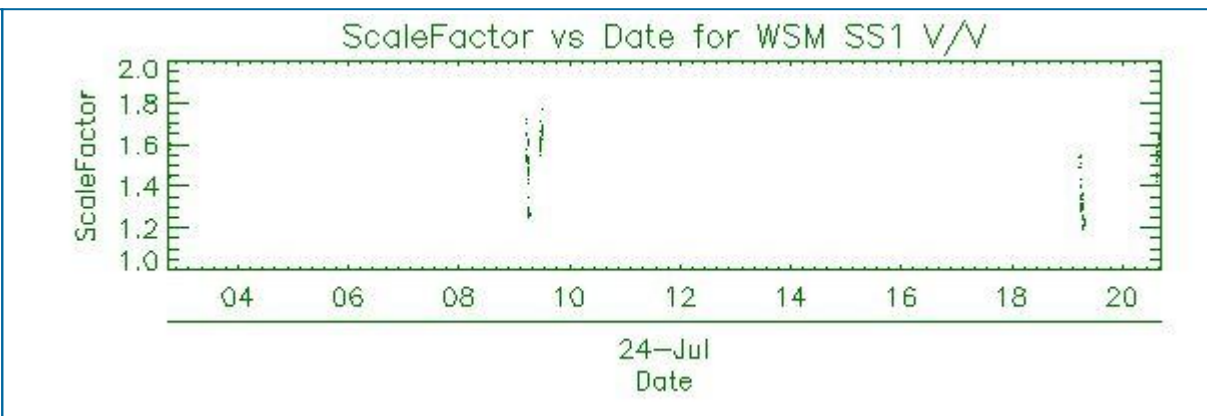
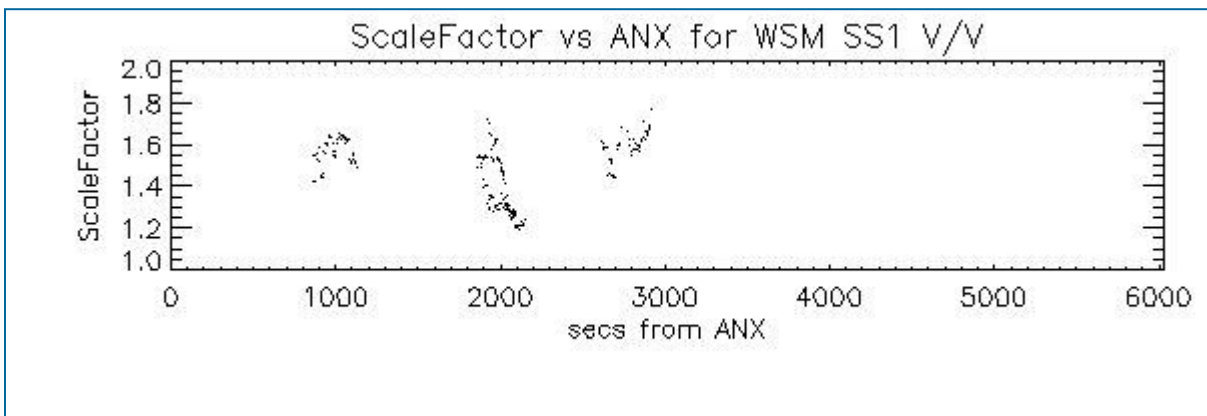




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



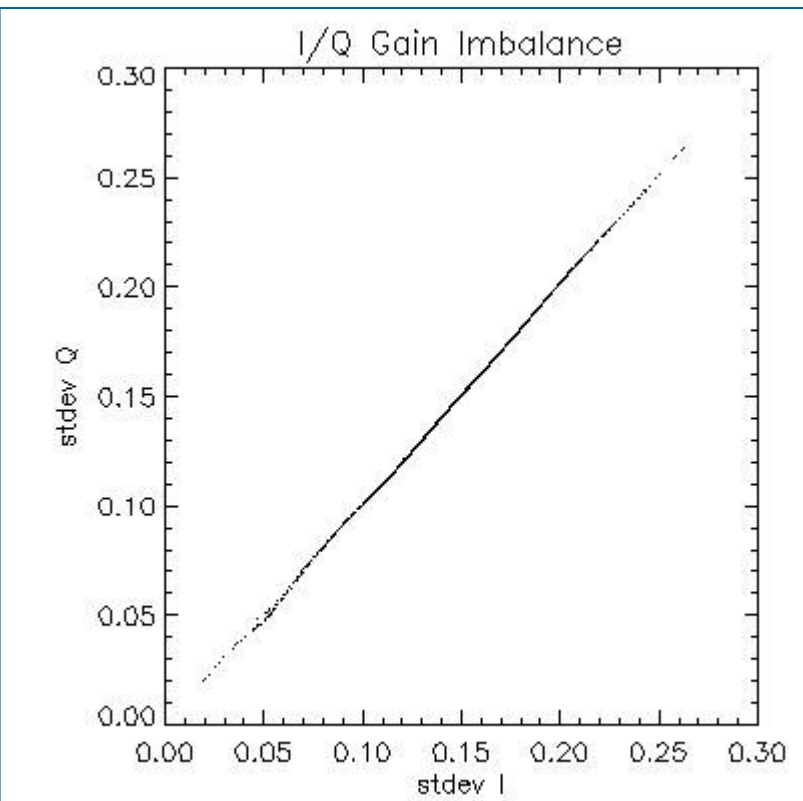
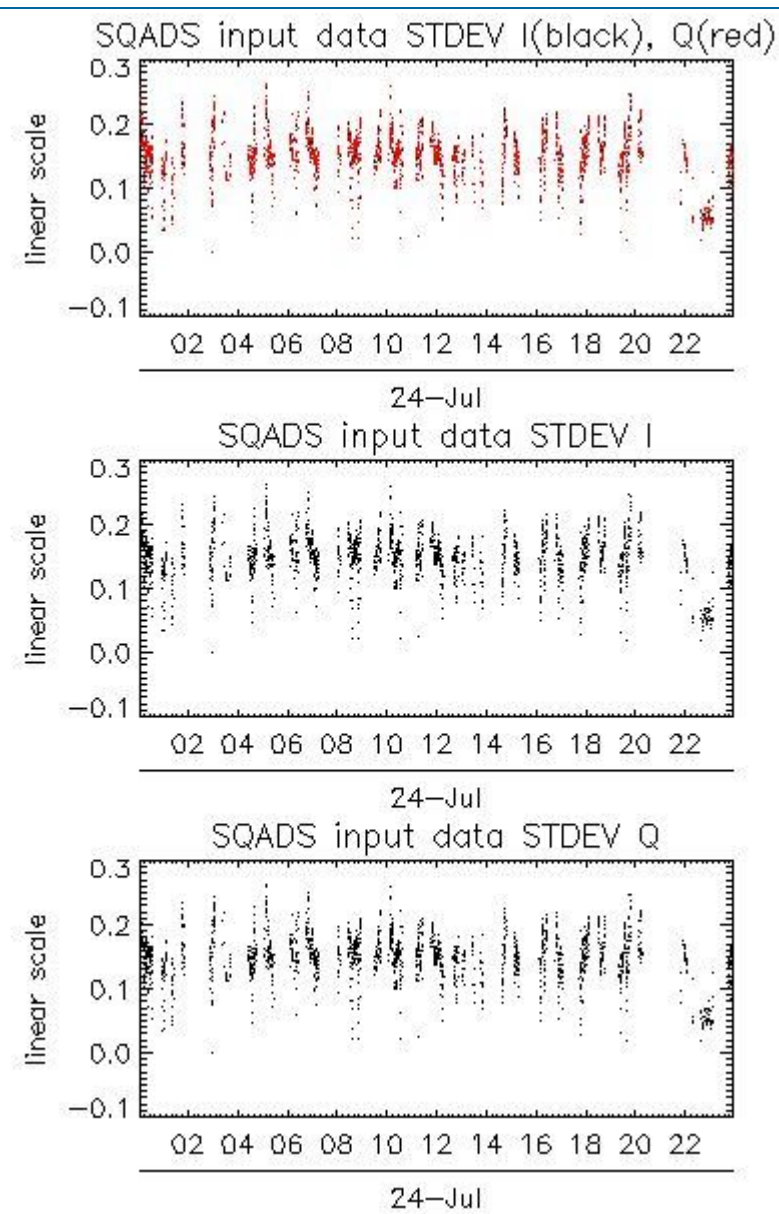
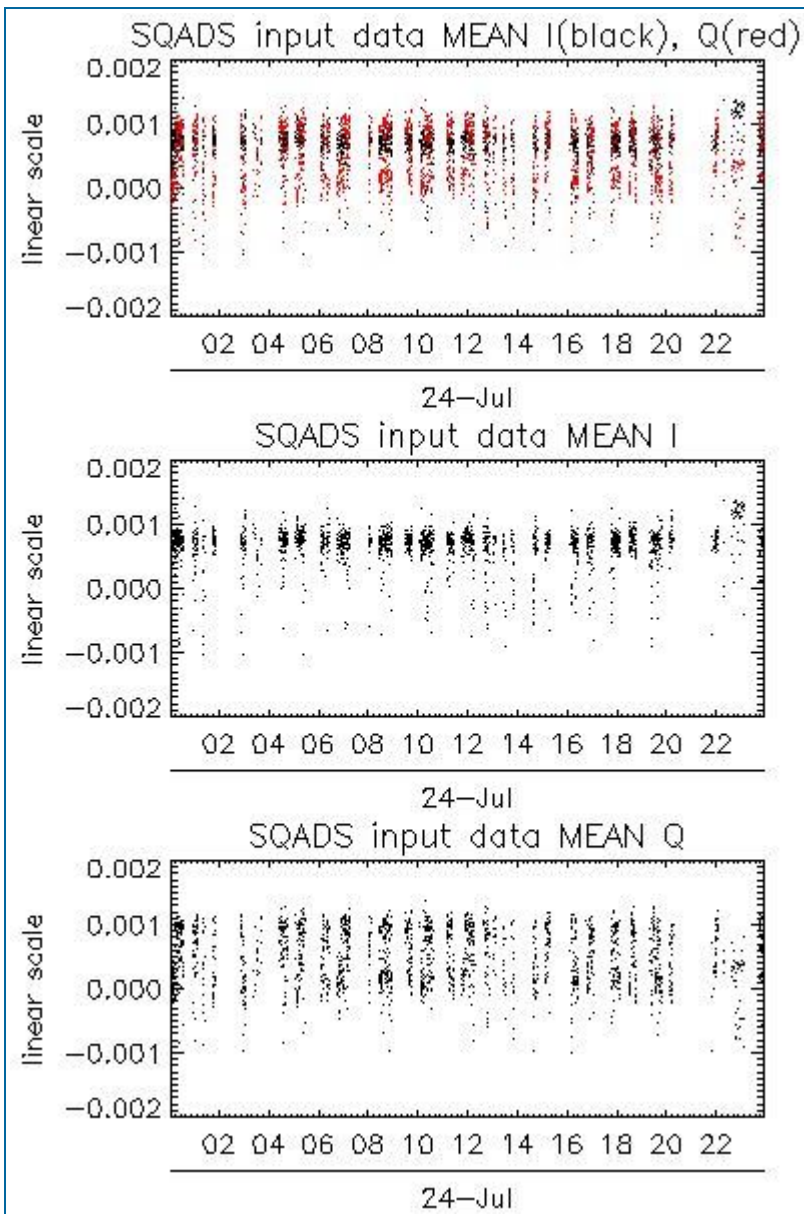
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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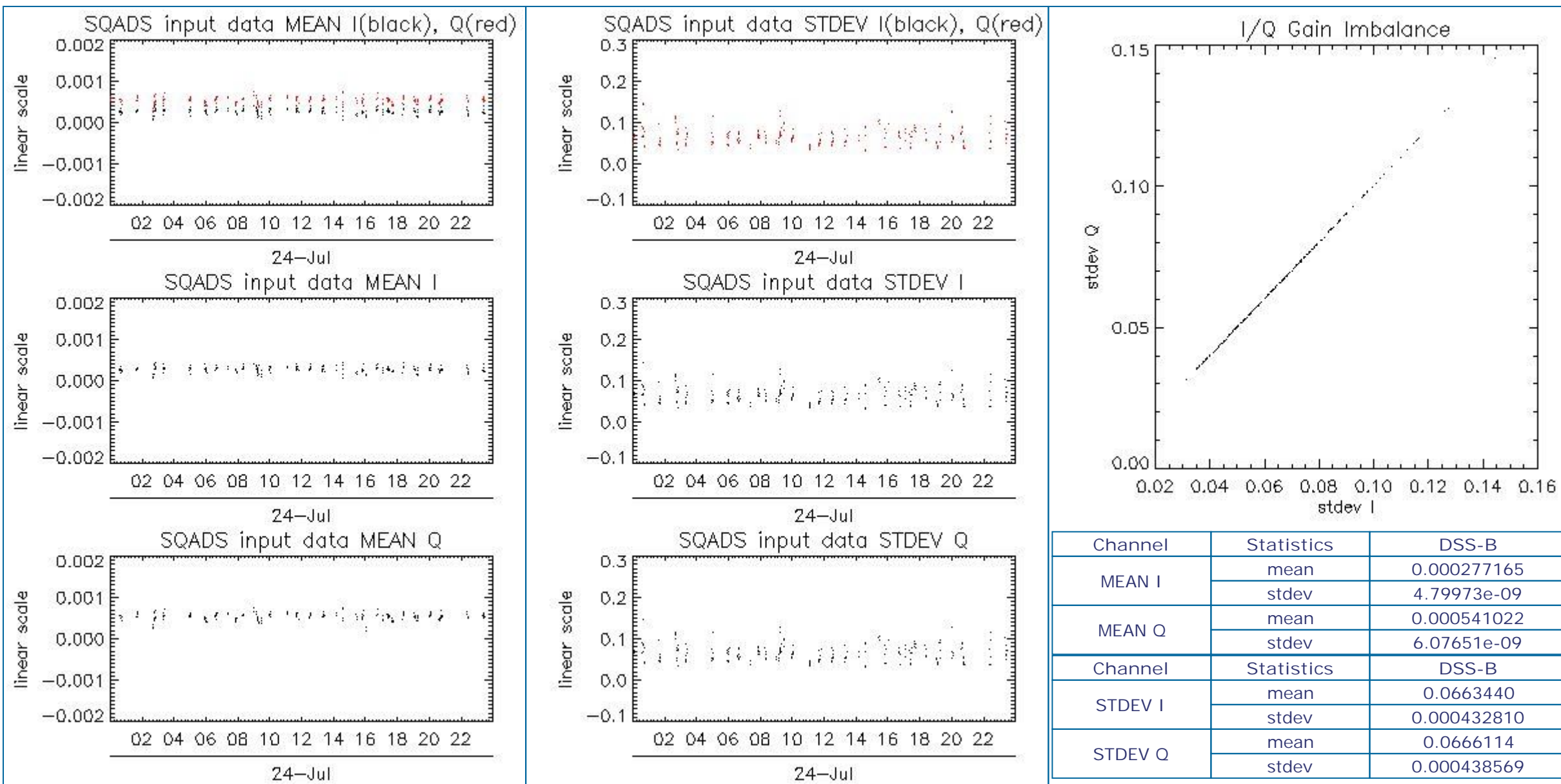


Channel	Statistics	DSS-B
MEAN I	mean	0.000660504
	stdev	1.01622e-07
MEAN Q	mean	0.000499286
	stdev	2.01990e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.149969
	stdev	0.00133972
STDEV Q	mean	0.150518
	stdev	0.00137372

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]





## 8 - TELEMETRY ANALYSIS

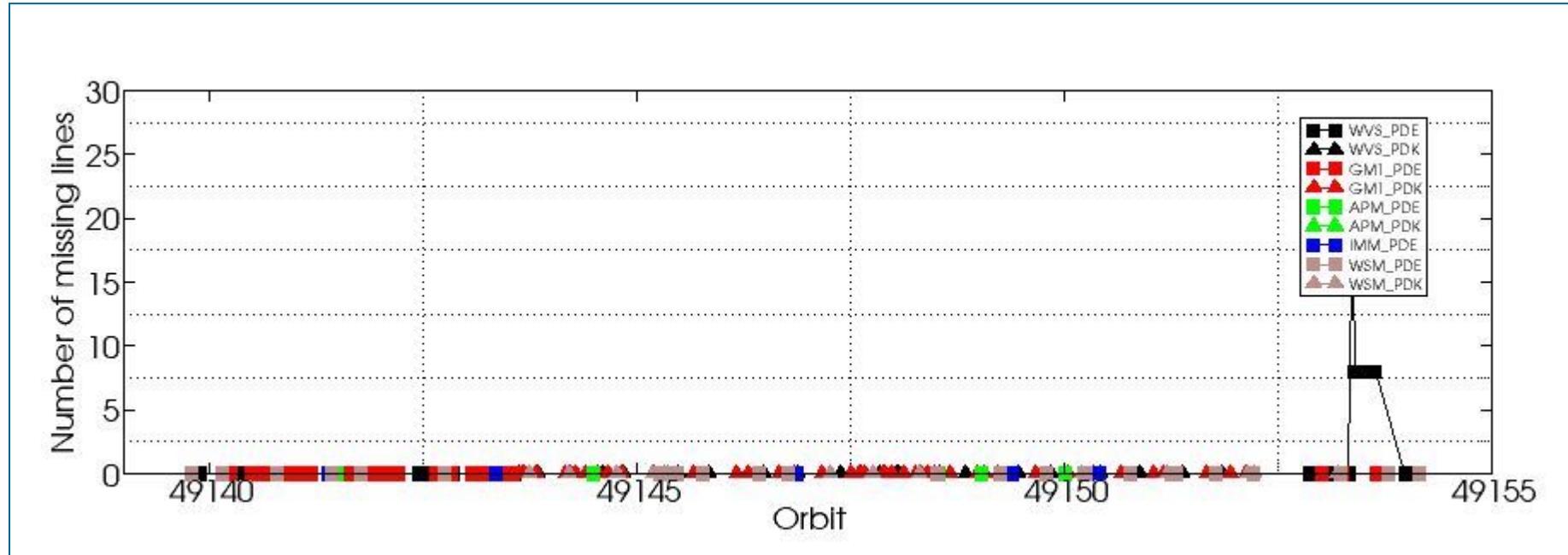
Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20110724_224037_000000453105_00001_49153_0996.N1	0	24
PDE	ASA_WVS_1PNPDE20110724_224152_000000443105_00001_49153_0995.N1	0	16
PDE	ASA_WVS_1PNPDE20110724_224307_000000443105_00001_49153_0994.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_224422_000000443105_00001_49153_1001.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_224537_000000443105_00001_49153_1002.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_224651_000000443105_00001_49153_1000.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_224806_000000443105_00001_49153_0998.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_224921_000000443105_00001_49153_0997.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225036_000000443105_00001_49153_1022.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225151_000000443105_00001_49153_1021.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225306_000000443105_00001_49153_1020.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225421_000000443105_00001_49153_1019.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225536_000000443105_00001_49153_1018.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225651_000000443105_00001_49153_1017.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225806_000000443105_00001_49153_1016.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_225921_000000443105_00001_49153_1015.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_230036_000000453105_00001_49153_1014.N1	0	8



PDE	ASA_WVS_1PNPDE20110724_230151_000000443105_00001_49153_1013.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_230306_000000453105_00001_49153_1012.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_230421_000000453105_00001_49153_1011.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_230536_000000453105_00001_49153_1008.N1	0	8
PDE	ASA_WVS_1PNPDE20110724_230651_000000003105_00001_49153_1004.N1	0	8

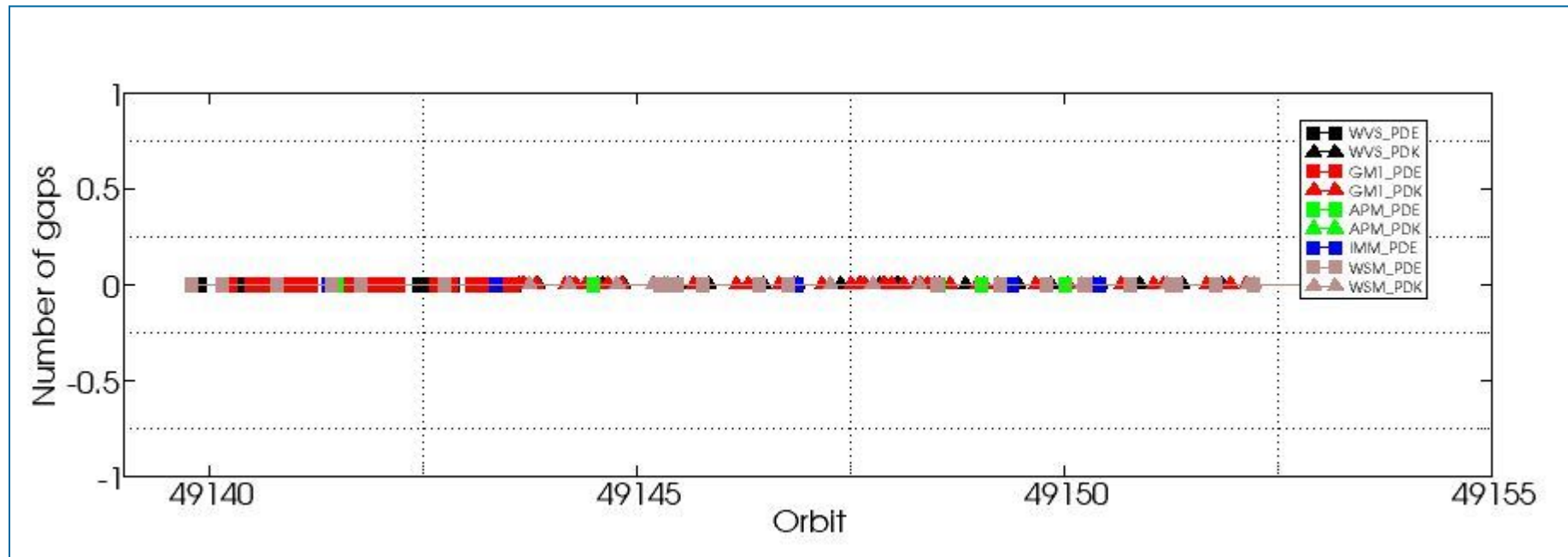
### 8.1 - Number of Missing lines

[ BACK TO MENU ]



### 8.2 - Number of Gaps

[ BACK TO MENU ]



#####  
ASAR DAILY REPORT for 110724  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-07-24 00:00:00

Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110724/

DATA SUMMARY  
#####  
Summary will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110724/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110724/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110724/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110724/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110724/AUXILIARY...

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





ADF filter 20110724\*current\_3\_IECF\_ADFs.txt  
 Found list 20110724\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110724_000445_000002843104_00418_49139_0691.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_000845_000015593104_00418_49139_0716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_005737_000007053104_00419_49140_0724.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_012013_000002853104_00419_49140_0720.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_014444_000001503104_00419_49140_0725.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_014629_000002703104_00419_49140_0748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_025213_000004653104_00420_49141_0746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_025943_000003303104_00420_49141_0784.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_032447_000000603104_00420_49141_0791.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_033228_000001493104_00420_49141_0789.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_034047_000000893104_00421_49142_0794.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_042608_000009143104_00421_49142_0795.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_044108_000002553104_00421_49142_0828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_050510_000012893104_00421_49142_0837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_060542_000005093104_00422_49143_0835.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_061819_000002403104_00422_49143_0842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_215009_000000303104_00431_49152_0986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_215511_000004493104_00431_49152_0988.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_221741_000000453105_00001_49153_0987.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20110724_225306_000000443105_00001_49153_1020.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110724_225421_000000443105_00001_49153_1019.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20110724_225806_000000443105_00001_49153_1016.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20110724_230651_000000003105_00001_49153_1004.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20110724_062204_000002103104_00422_49143_4664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110724_064524_000018743104_00422_49143_4667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110724_080059_000003003104_00423_49144_4682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110724_082538_000019643104_00423_49144_4684.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110724_093014_000009593104_00424_49145_4705.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20110724_114922_000016343104_00425_49146_4759.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110724_123921_000007343104_00426_49147_4777.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20110724_134542_000000743104_00427_49148_4785.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20110724_200707_000004653104_00430_49151_4897.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDE20110724_015148_000006283104_00419_49140_0750.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_071728_000001813104_00423_49144_4666.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_074158_000004653104_00423_49144_4680.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_090105_000003983104_00424_49145_4685.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_091742_000000723104_00424_49145_4704.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_094653_000006713104_00424_49145_4706.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_112706_000006283104_00425_49146_4755.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_114431_000000903104_00425_49146_4758.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_125213_000005373104_00426_49147_4778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_130115_000001023104_00426_49147_4779.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_130721_000005613104_00426_49147_4781.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_133038_000001023104_00426_49147_4780.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_133230_000003503104_00426_49147_4784.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_133920_000003803104_00426_49147_4786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_135320_000008883104_00427_49148_4794.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_142949_000002053104_00427_49148_4828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_144734_000011363104_00427_49148_4830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_162748_000008283104_00428_49149_4857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_180802_000007253104_00429_49150_4872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20110724_201540_000009853104_00430_49151_4895.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110724_203531_000000963104_00431_49152_4896.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

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Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20110724_024644_000000873104_00420_49141_0742.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110724_024926_000001513104_00420_49141_0744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110724_074943_000003103104_00423_49144_0863.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110724_143532_000000793104_00427_49148_0954.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110724_152526_000000993104_00428_49149_0955.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110724_170412_000000873104_00429_49150_0959.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20110724_091639_000000433104_00424_49145_4699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

\*\*\*\*\*

Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20110724_023951_000002113104_00420_49141_0740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_055516_000005213104_00422_49143_0826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_091856_000000673104_00424_49145_0892.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_114824_000000523104_00425_49146_0943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_160146_000000753104_00428_49149_0958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_174006_000002083104_00429_49150_0971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110724_174339_000000503104_00429_49150_0972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

\*\*\*\*\*

Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110724/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0718.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
--	--

ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_013812_000003923104_00419_49140_0715.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_024358_000001353104_00420_49141_0741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_031720_000003923104_00420_49141_0780.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_045617_000003923104_00421_49142_0820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_090745_000002453104_00424_49145_0888.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_091244_000002323104_00424_49145_0889.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_092736_000001593104_00424_49145_0894.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_095804_000003923104_00424_49145_0922.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_110401_000003123104_00425_49146_0920.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_113753_000003923104_00425_49146_0944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_143319_000000923104_00427_49148_0953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_154653_000003303104_00428_49149_0957.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_164141_000002753104_00428_49149_0956.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_172622_000002143104_00429_49150_0960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_182008_000002883104_00429_49150_0969.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_190700_000001773104_00430_49151_0973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_191338_000003123104_00430_49151_0982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_200022_000004043104_00430_49151_0981.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_204329_000003303104_00431_49152_1003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_222512_000002083105_00001_49153_1023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_232130_000003923105_00001_49153_0999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110724_235903_000002083105_00002_49154_1042.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_063437_000004893104_00422_49143_4678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_072033_000000923104_00423_49144_4677.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_081756_000003123104_00423_49144_4694.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_085932_000000923104_00424_49145_4696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_091405_000001533104_00424_49145_4698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_122725_000004533104_00426_49147_4767.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_131645_000005143104_00426_49147_4796.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_141157_000000923104_00427_49148_4798.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_172225_000002693104_00429_49150_4868.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_190242_000002943104_00430_49151_4882.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_203717_000002943104_00431_49152_4906.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_204434_000001163104_00431_49152_4907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110724_222212_000001533105_00001_49153_4910.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110724/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110724/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_110724/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110724/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/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_0PNPDE20110724\_044738\_000000163104\_00421\_49142\_0356.N1

H

H

../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110724\_044738-20010209\_135042.png





../../../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110724\_044738-20010209\_135042.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110724\_044738-20010209\_135042.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110724\_044738-20010209\_135042.png

Polarization: V  
 Reference product: ASA\_MS\_0PNPK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
 Test product: ASA\_MS\_0PNPDE20110724\_231012\_000000163105\_00001\_49153\_0357.N1

V  
 V  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110724\_231012-20010209\_140823.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110724\_231012-20010209\_140823.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110724\_231012-20010209\_140823.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110724\_231012-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
 Reference product: ASA\_MS\_0PNPDE20110723\_052422\_000000163104\_00407\_49128\_0355.N1  
 Test product: ASA\_MS\_0PNPDE20110724\_044738\_000000163104\_00421\_49142\_0356.N1

H  
 H  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110724\_044738-20110723\_052422.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110724\_044738-20110723\_052422.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110724\_044738-20110723\_052422.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110724\_044738-20110723\_052422.png

Polarization: V  
 Reference product: ASA\_MS\_0PNPK20110724\_062752\_000000163104\_00422\_49143\_0694.N1  
 Test product: ASA\_MS\_0PNPDE20110724\_231012\_000000163105\_00001\_49153\_0357.N1

V  
 V  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110724\_231012-20110724\_062752.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110724\_231012-20110724\_062752.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110724\_231012-20110724\_062752.png  
 ../../RESULTS/DAILY/\_110724/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110724\_231012-20110724\_062752.png

MODULE\_STEPPING ANALYSIS completed  
 #####

CALIBRATION PULSES ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES...

\*\*\*\*\*  
 \*\*\*\*\*  
 ALL ROWS Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing products WVS IS2 V/V  
 1 60897 7 60897  
 Writing image ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
 Analysing products GM1 SS3 H/H  
 1 38816 7 38816  
 Writing image ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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 \*\*\*\*\*  
 TEMPORAL EVOLUTION Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing products WVS IS2 V/V



Getting calibration pulses data for WVS IS2 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-07-24\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-07-24\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-07-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-07-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-07-24\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-07-24\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-07-24\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110724/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-07-24\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_110724//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_110724/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110724/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-07-24.dat...



Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110724/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-07-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110724/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-07-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110724/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_110724/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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DOPPLER MAP Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing products WVS IS2 V/V  
mysql -h172.26.16.25 -ucbts\_WV -pcbts\_WV -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='WVS' AND Beam='IS2' AND Pol='V/V' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2011-07-24 00:00:00' AND '2011-07-24 23:59:59' AND (ANX BETWEEN '1500' AND '4500' );" cmts\_WV

1  
1  
0 7 1  
809

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2

87.7758  
10.5846  
-66.5771  
-142.520  
-216.086  
-286.172  
-351.735  
-411.816  
-465.557  
-512.209  
-551.146  
-581.874  
-604.040  
-617.434  
-621.993  
-617.804  
-605.099  
-584.252  
-555.770  
-520.289  
-478.560  
-431.434  
-379.856  
-324.838  
-267.455  
-208.814  
-150.050  
-92.2908  
-36.6568  
15.7690  
63.9616  
106.958  
143.888

173.973  
196.555  
211.098  
217.196  
214.587  
203.150  
182.918  
154.068  
116.919  
71.9387  
19.7218  
-39.0043  
-103.408  
-172.552  
-245.410  
-320.887  
-397.839  
-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607

87.7758  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -47.208524 Hz  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
mysql -h172.26.16.25 -ucbts\_WV -pcbts\_WV -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='WVS' AND Beam='IS2' AND Pol='V/V' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2011-07-24 00:00:00' AND '2011-07-24 23:59:59' AND ((ANX BETWEEN '0' AND '1500' ) or (ANX BETWEEN '4500' AND '6500' ));" cbts\_WV

```
1
46
1      46      7      46
1      45      7      45
1096
```

Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.WV\_2

- 87.7758
- 10.5846
- 66.5771
- 142.520
- 216.086
- 286.172
- 351.735
- 411.816
- 465.557
- 512.209
- 551.146
- 581.874
- 604.040
- 617.434
- 621.993
- 617.804
- 605.099
- 584.252
- 555.770
- 520.289
- 478.560
- 431.434
- 379.856
- 324.838
- 267.455
- 208.814
- 150.050
- 92.2908
- 36.6568
- 15.7690
- 63.9616
- 106.958
- 143.888
- 173.973
- 196.555
- 211.098
- 217.196
- 214.587
- 203.150
- 182.918
- 154.068
- 116.919
- 71.9387
- 19.7218
- 39.0043
- 103.408
- 172.552
- 245.410
- 320.887
- 397.839



-475.084  
-551.423  
-625.659  
-696.616  
-763.167  
-824.227  
-878.795  
-925.960  
-964.912  
-994.961  
-1015.54  
-1026.24  
-1026.75  
-1016.96  
-996.863  
-966.640  
-926.597  
-877.190  
-819.014  
-752.784  
-679.341  
-599.625  
-514.669  
-425.588  
-333.549  
-239.763  
-145.472  
-51.9192  
39.6591  
128.055  
212.107  
290.720  
362.878  
427.653  
484.231  
531.914  
570.135  
598.464  
616.615  
624.452  
621.987  
609.384  
586.949  
555.141  
514.541  
465.868  
409.943  
347.705  
280.167  
208.420  
133.607  
87.7758

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -32.870824 Hz  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H  
mysql -h172.26.16.25 -ucbts\_GM -pcbts\_GM -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='GM1' AND Beam='SS1' AND Pol='H/H' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2011-07-24 00:00:00' AND '2011-07-24 23:59:59' AND (ANX BETWEEN '1500' AND '4500' );" cbtns\_GM  
1  
149  
1 149 7 149

1 148 7 148  
2403  
Loading predicted doppler values....  
./PREDICTED\_DOPPLER/doppler.GM\_1  
216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506  
-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748

-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022  
425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -14.739209 Hz

Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

```
mysql -h172.26.16.25 -ucbts_GM -pcbts_GM -e "SELECT Glon,Glat,D0,ANX FROM file,Dop WHERE Product='GM1' AND Beam='SS1' AND Pol='H/H' AND file.FileId=Dop.FileId AND ZDopTime BETWEEN '2011-07-24 00:00:00' AND '2011-07-24 23:59:59' AND ((ANX BETWEEN '0' AND '1500' ) or (ANX BETWEEN '4500' AND '6500' ));" cmts_GM
```

```
1
105
1      105      7      105
1      104      7      104
2449
```

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

216.826  
136.479  
56.1549  
-22.9067  
-99.5006  
-172.474  
-240.743  
-303.307  
-359.271  
-407.856  
-448.408  
-480.415  
-503.506



-517.465  
-522.225  
-517.876  
-504.660  
-482.966  
-453.319  
-416.384  
-372.939  
-323.868  
-270.156  
-212.854  
-153.080  
-91.9846  
-30.7489  
29.4535  
87.4579  
142.137  
192.422  
237.312  
275.898  
307.370  
331.039  
346.345  
352.861  
350.313  
338.571  
317.665  
287.775  
249.231  
202.516  
148.246  
87.1750  
20.1678  
-51.8021  
-127.666  
-206.286  
-286.470  
-366.984  
-446.581  
-524.012  
-598.050  
-667.520  
-731.288  
-788.309  
-837.633  
-878.414  
-909.930  
-931.592  
-942.955  
-943.721  
-933.748  
-913.049  
-881.794  
-840.306  
-789.059  
-728.670  
-659.882  
-583.571  
-500.712  
-412.383  
-319.741  
-224.000  
-126.420  
-28.2956  
69.0819  
164.424  
256.474  
344.022

425.926  
501.129  
568.661  
627.675  
677.441  
717.367  
747.001  
766.044  
774.352  
771.933  
758.957  
735.740  
702.757  
660.611  
610.049  
551.927  
487.220  
416.983  
342.352  
264.518  
216.826

Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -29.467056 Hz  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110724//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110724/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-07-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-07-24.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_110724/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS

#####  
Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110724/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110724/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_WVS\_2011-07-24.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2011-07-24 00:00:00 to 2011-07-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_IMM\_2011-07-24.dat...  
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../RESULTS/DAILY/\_110724/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2011-07-24 00:00:00 to 2011-07-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110724/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110724/TELEMETRY...

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

Checking 43 products from PDE...  
Found product...ASA\_WVS\_1PNPDE20110724\_224037\_00000443105\_00001\_49153\_0996.N1 / 0 gaps / 24 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224152\_00000443105\_00001\_49153\_0995.N1 / 0 gaps / 16 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224307\_00000443105\_00001\_49153\_0994.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224422\_00000443105\_00001\_49153\_1001.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224537\_00000443105\_00001\_49153\_1002.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224651\_00000443105\_00001\_49153\_1000.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224806\_00000443105\_00001\_49153\_0998.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_224921\_00000443105\_00001\_49153\_0997.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225036\_00000443105\_00001\_49153\_1022.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225151\_00000443105\_00001\_49153\_1021.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225306\_00000443105\_00001\_49153\_1020.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225421\_00000443105\_00001\_49153\_1019.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225536\_00000443105\_00001\_49153\_1018.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225651\_00000443105\_00001\_49153\_1017.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225806\_00000443105\_00001\_49153\_1016.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_225921\_00000443105\_00001\_49153\_1015.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230036\_00000443105\_00001\_49153\_1014.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230151\_00000443105\_00001\_49153\_1013.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230306\_00000443105\_00001\_49153\_1012.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230421\_00000443105\_00001\_49153\_1011.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230536\_00000443105\_00001\_49153\_1008.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20110724\_230651\_00000443105\_00001\_49153\_1004.N1 / 0 gaps / 8 missing lines  
Checking 22 products from PDK...

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



\*\*\*\*\*

Checking 26 products from PDE...

Checking 42 products from PDK...

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

\*\*\*\*\*

Checking 6 products from PDE...

Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 7 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 27 products from PDE...

Checking 13 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110724/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110724/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110724/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_1PNPDE20110724_024644_000000873104_00420_49141_0742.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110724_024926_000001513104_00420_49141_0744.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110724_074943_000003103104_00423_49144_0863.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110724_143532_000000793104_00427_49148_0954.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110724_152526_000000993104_00428_49149_0955.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110724_170412_000000873104_00429_49150_0959.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20110724_091639_000000433104_00424_49145_4699.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_1PNPDE20110724_004500_000005493104_00419_49140_0714.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_011003_000001873104_00419_49140_0713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_011412_000003563104_00419_49140_0721.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_012542_000007493104_00419_49140_0719.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_015148_000006283104_00419_49140_0750.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_020632_000002173104_00420_49141_0749.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_021837_000012753104_00420_49141_0747.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_030556_000006833104_00420_49141_0785.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_032622_000002773104_00420_49141_0792.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_033105_000000783104_00420_49141_0790.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_033542_000003023104_00420_49141_0793.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_034305_000001813104_00421_49142_0788.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_034925_000001203104_00421_49142_0787.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_035438_000002473104_00421_49142_0786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_040058_000009673104_00421_49142_0796.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_044611_000000783104_00421_49142_0827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_044856_000004343104_00421_49142_0829.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_050251_000001323104_00421_49142_0840.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_052730_000006283104_00422_49143_0839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_053953_000009243104_00422_49143_0838.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_060409_000000843104_00422_49143_0836.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_061452_000002053104_00422_49143_0841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_220431_000004283105_00001_49153_0989.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_222846_000004223105_00001_49153_1010.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_230845_000000783105_00001_49153_1009.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110724_231132_000005923105_00001_49153_1007.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_062625_000000783104_00422_49143_4662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_062910_000003263104_00422_49143_4663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_064256_000001443104_00422_49143_4665.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_071728_000001813104_00423_49144_4666.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_072208_000004473104_00423_49144_4668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_072850_000005193104_00423_49144_4679.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_074158_000004653104_00423_49144_4680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_075514_000003443104_00423_49144_4681.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_080639_000006773104_00423_49144_4700.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_082329_000001263104_00423_49144_4683.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_090105_000003983104_00424_49145_4685.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_091742_000000723104_00424_49145_4704.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_094653_000006713104_00424_49145_4706.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_103715_000005983104_00425_49146_4708.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_105048_000001633104_00425_49146_4754.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_112706_000006283104_00425_49146_4755.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_114431_000000903104_00425_49146_4758.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_121717_000006043104_00426_49147_4760.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_125213_000005373104_00426_49147_4778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_130115_000001023104_00426_49147_4779.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_130721_000005613104_00426_49147_4781.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_133038_000001023104_00426_49147_4780.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_133230_000003503104_00426_49147_4784.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_133920_000003803104_00426_49147_4786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_135320_000008883104_00427_49148_4794.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_140718_000002773104_00427_49148_4825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_141329_000001383104_00427_49148_4826.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_142209_000001203104_00427_49148_4827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_142949_000002053104_00427_49148_4828.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20110724_151938_000003503104_00427_49148_4831.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_152726_000010883104_00428_49149_4833.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_154451_000001143104_00428_49149_4855.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20110724_170558_000009853104_00429_49150_4859.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_173642_000002053104_00429_49150_4870.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_180802_000007253104_00429_49150_4872.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_184637_000008283104_00430_49151_4874.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20110724_185919_000001993104_00430_49151_4892.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_194816_000007253104_00430_49151_4894.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_201540_000009853104_00430_49151_4895.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110724_203531_00000963104_00431_49152_4896.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_1PNPDE20110724_091856_00000673104_00424_49145_0892.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110724_114824_00000523104_00425_49146_0943.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110724_160146_00000753104_00428_49149_0958.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110724_174006_000002083104_00429_49150_0971.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110724_174339_00000503104_00429_49150_0972.N1	OK	OK	OK	OK



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0718.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0738.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0739.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_013812_000003923104_00419_49140_0715.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_024358_000001353104_00420_49141_0741.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_031720_000003923104_00420_49141_0780.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_045617_000003923104_00421_49142_0820.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_090745_000002453104_00424_49145_0888.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_091244_000002323104_00424_49145_0889.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_092736_000001593104_00424_49145_0894.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_095804_000003923104_00424_49145_0922.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_110401_000003123104_00425_49146_0920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_113753_000003923104_00425_49146_0944.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_143319_000000923104_00427_49148_0953.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_154653_000003303104_00428_49149_0957.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_164141_000002753104_00428_49149_0956.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_172622_000002143104_00429_49150_0960.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_182008_000002883104_00429_49150_0969.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_190700_000001773104_00430_49151_0973.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_191338_000003123104_00430_49151_0982.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20110724_204329_000003303104_00431_49152_1003.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_222512_000002083105_00001_49153_1023.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_232130_000003923105_00001_49153_0999.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110724_235903_000002083105_00002_49154_1042.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_063437_000004893104_00422_49143_4678.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_072033_000000923104_00423_49144_4677.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_081756_000003123104_00423_49144_4694.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_085932_000000923104_00424_49145_4696.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_091405_000001533104_00424_49145_4698.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_122725_000004533104_00426_49147_4767.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_131645_000005143104_00426_49147_4796.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_141157_000000923104_00427_49148_4798.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_172225_000002693104_00429_49150_4868.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_190242_000002943104_00430_49151_4882.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_203717_000002943104_00431_49152_4906.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110724_204434_000001163104_00431_49152_4907.N1					OK	OK	OK	OK
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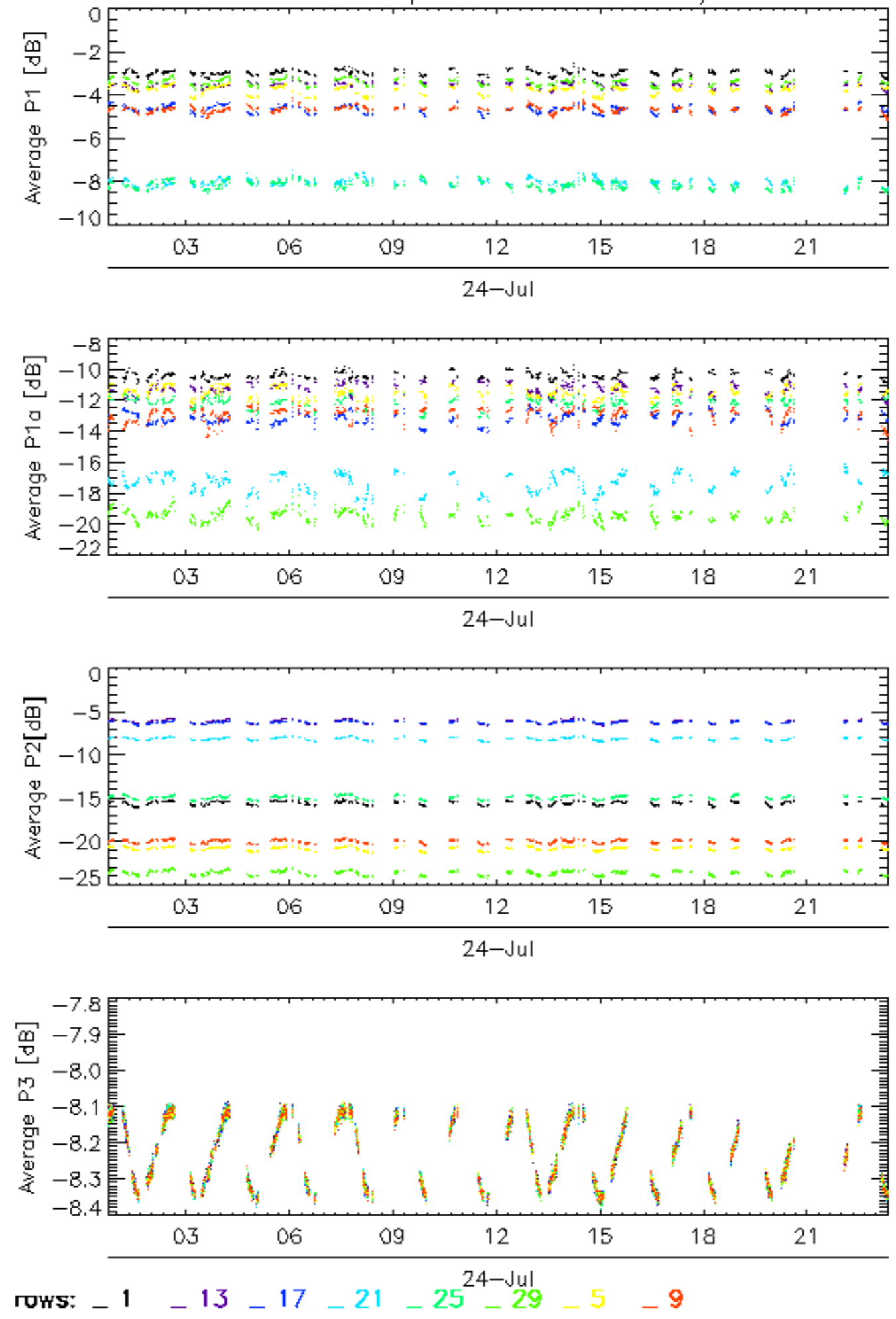
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20110724_000845_000015593104_00418_49139_0716.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_005737_000007053104_00419_49140_0724.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_012013_000002853104_00419_49140_0720.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_014444_000001503104_00419_49140_0725.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_014629_000002703104_00419_49140_0748.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_025213_000004653104_00420_49141_0746.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_025943_000003303104_00420_49141_0784.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_032447_000000603104_00420_49141_0791.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_033228_000001493104_00420_49141_0789.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_034047_000000893104_00421_49142_0794.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_042608_000009143104_00421_49142_0795.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_044108_000002553104_00421_49142_0828.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_050510_000012893104_00421_49142_0837.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_060542_000005093104_00422_49143_0835.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_061819_000002403104_00422_49143_0842.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_215009_000000303104_00431_49152_0986.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_215511_000004493104_00431_49152_0988.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_221741_000000453105_00001_49153_0987.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_223552_000000443105_00001_49153_0993.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110724_224152_000000443105_00001_49153_0995.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110724_224921_000000443105_00001_49153_0997.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_225036_000000443105_00001_49153_1022.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110724_225421_000000443105_00001_49153_1019.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_225536_000000443105_00001_49153_1018.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_225651_000000443105_00001_49153_1017.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110724_225921_000000443105_00001_49153_1015.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20110724_230306_000000453105_00001_49153_1012.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_230421_000000453105_00001_49153_1011.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_230536_000000453105_00001_49153_1008.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110724_230651_000000003105_00001_49153_1004.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110724_062204_000002103104_00422_49143_4664.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_064524_000018743104_00422_49143_4667.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_080059_000003003104_00423_49144_4682.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_082538_000019643104_00423_49144_4684.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_093014_000009593104_00424_49145_4705.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_100543_000018443104_00424_49145_4707.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_110912_000010343104_00425_49146_4757.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_114606_000001053104_00425_49146_4756.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_114922_000016343104_00425_49146_4759.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_123921_000007343104_00426_49147_4777.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_130303_000002103104_00426_49147_4782.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_132611_000002253104_00426_49147_4783.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_134542_000000743104_00427_49148_4785.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_134808_000001793104_00427_49148_4793.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_143657_000006003104_00427_49148_4829.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20110724_160810_000011393104_00428_49149_4856.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_164639_000010193104_00428_49149_4858.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_174437_000013643104_00429_49150_4871.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110724_182940_000009743104_00429_49150_4873.N1					OK	OK	OK	OK
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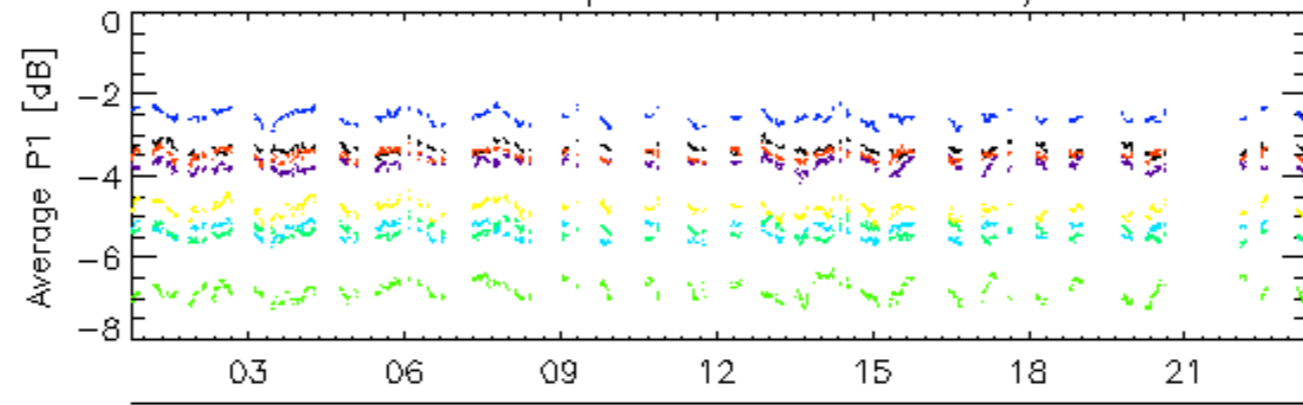




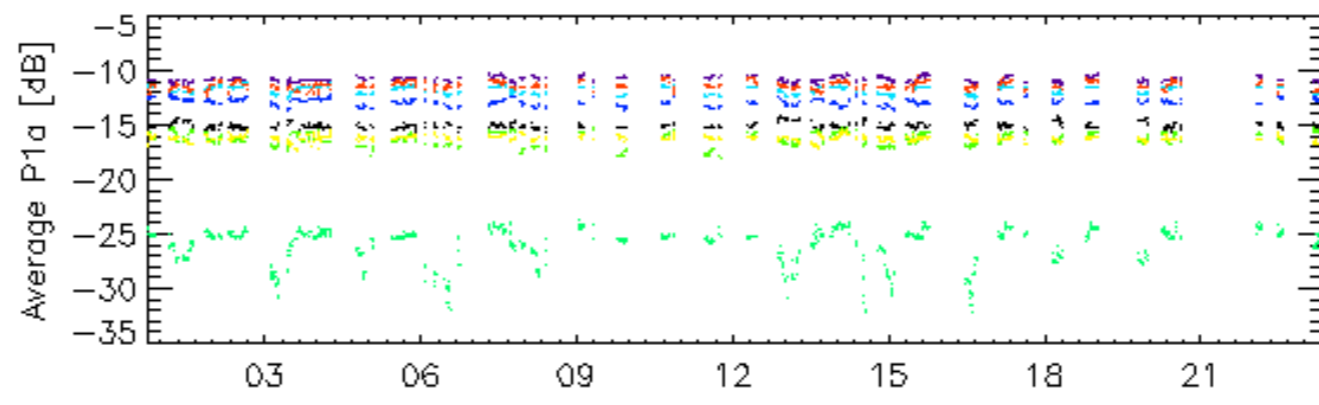
### Calibration pulses for GM1 SS3 H/H



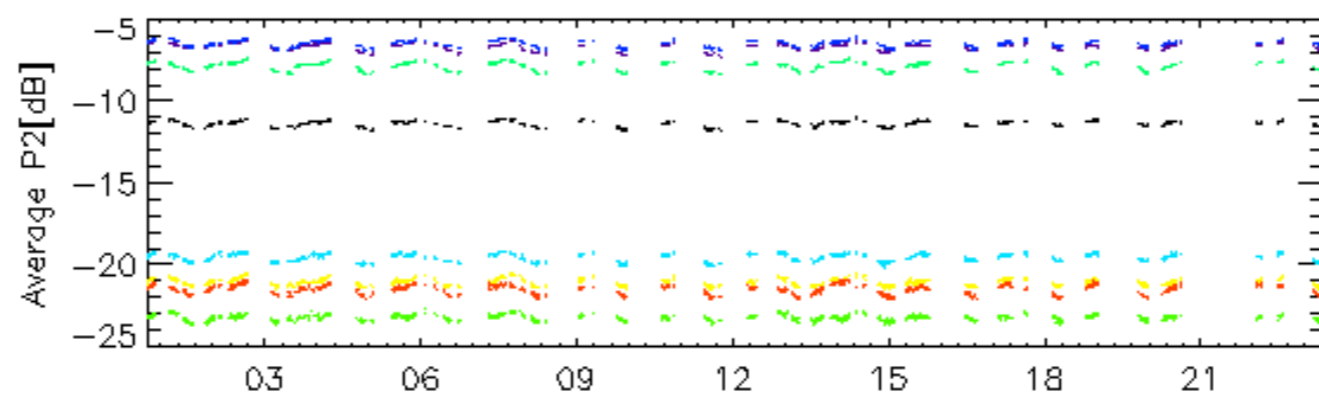
Calibration pulses for GM1 SS3 H/H



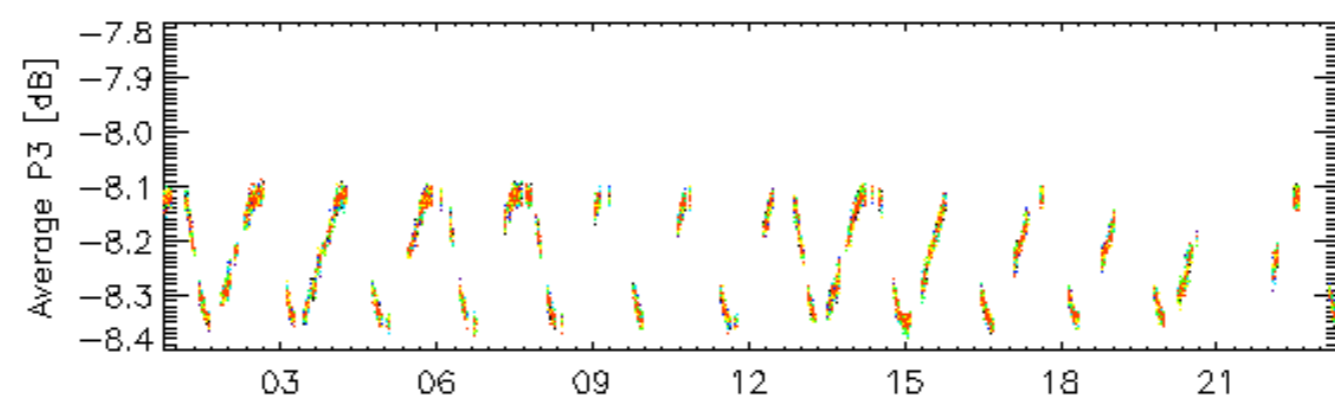
24-Jul



24-Jul



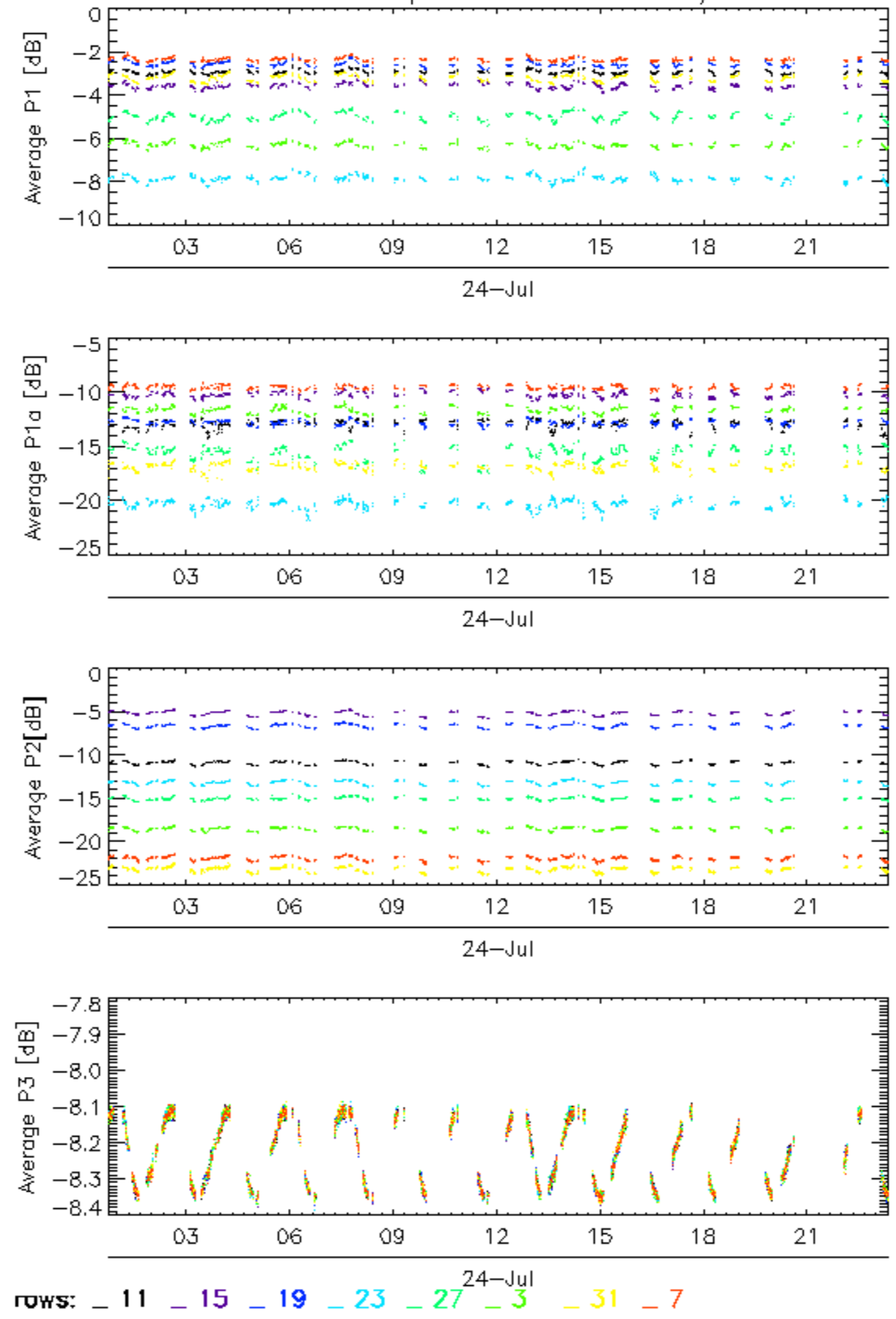
24-Jul



24-Jul

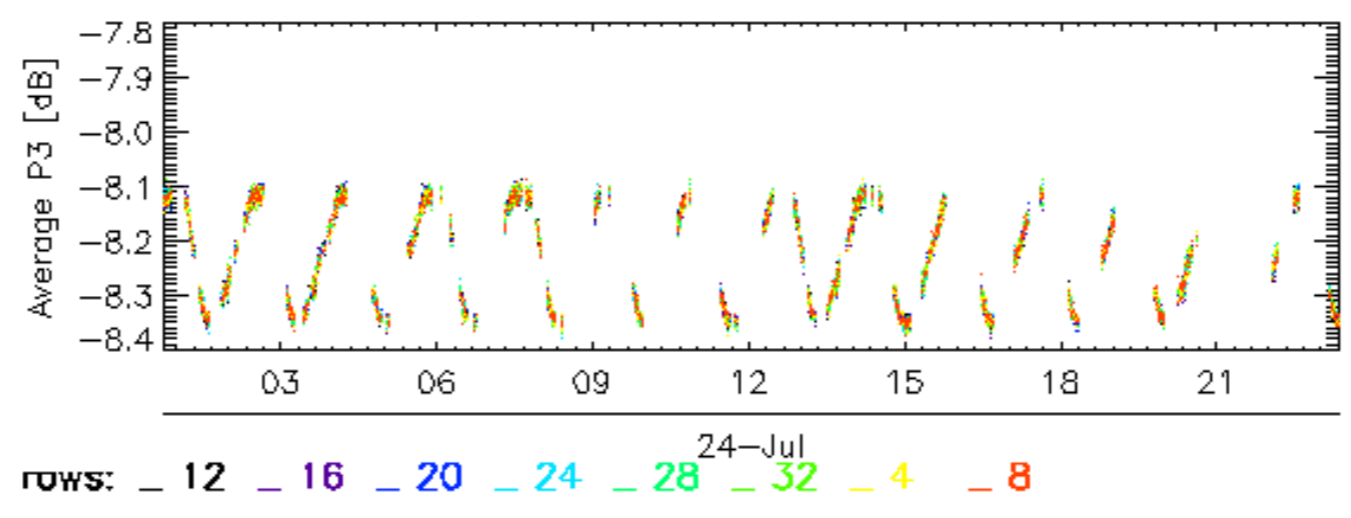
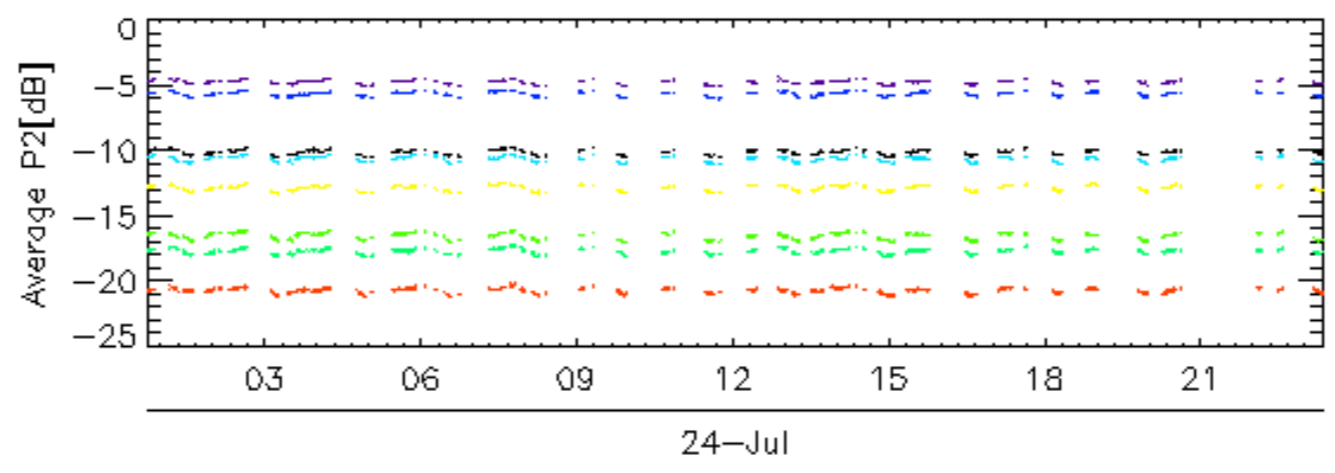
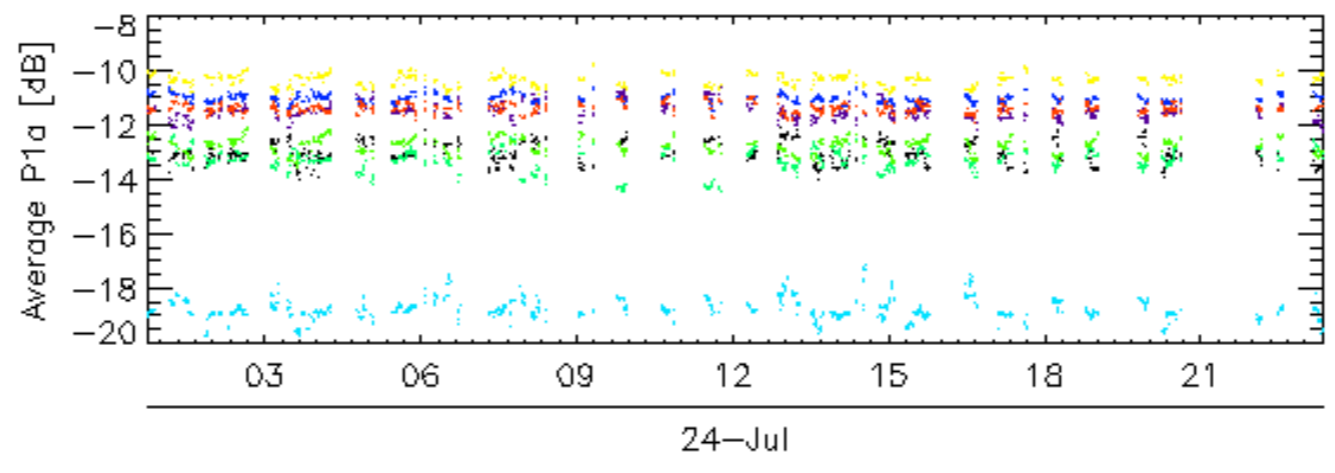
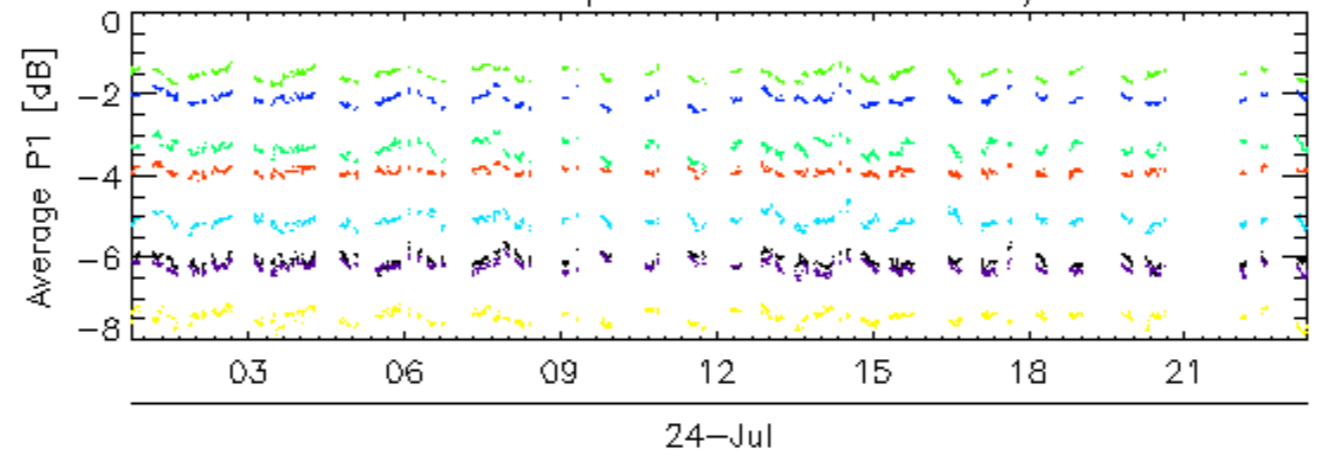
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### Calibration pulses for GM1 SS3 H/H

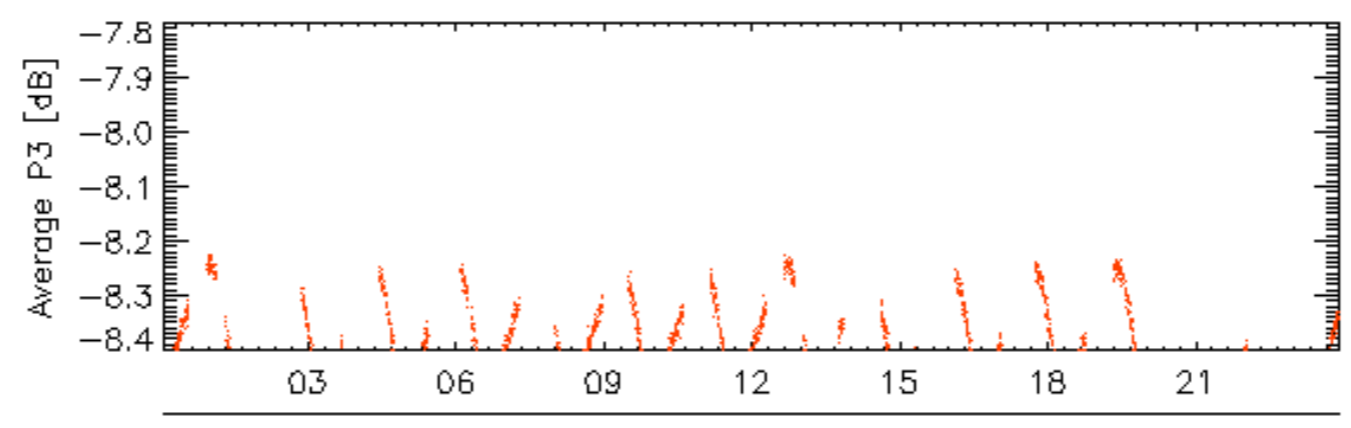
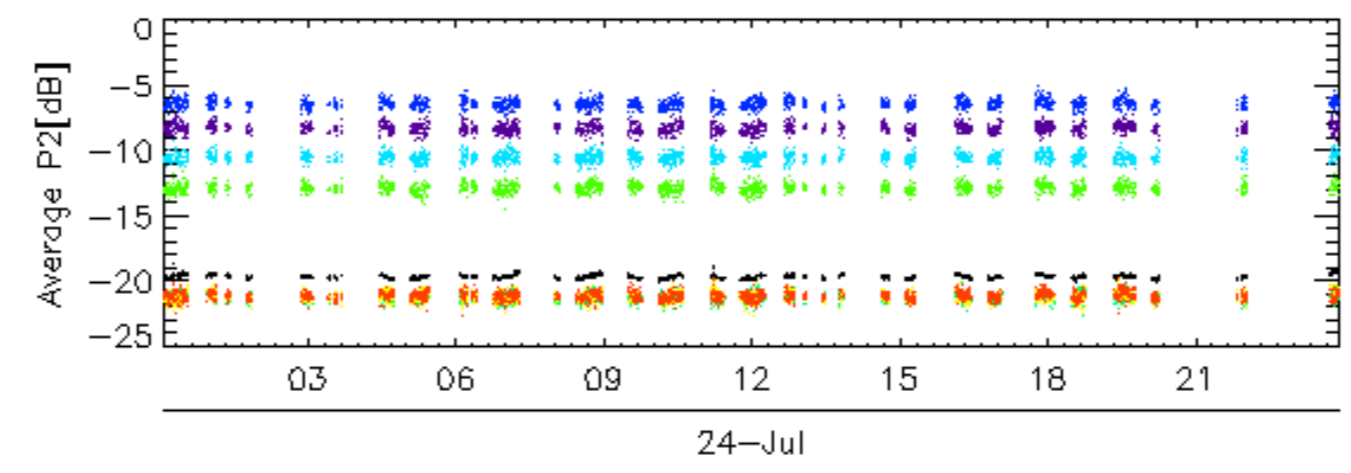
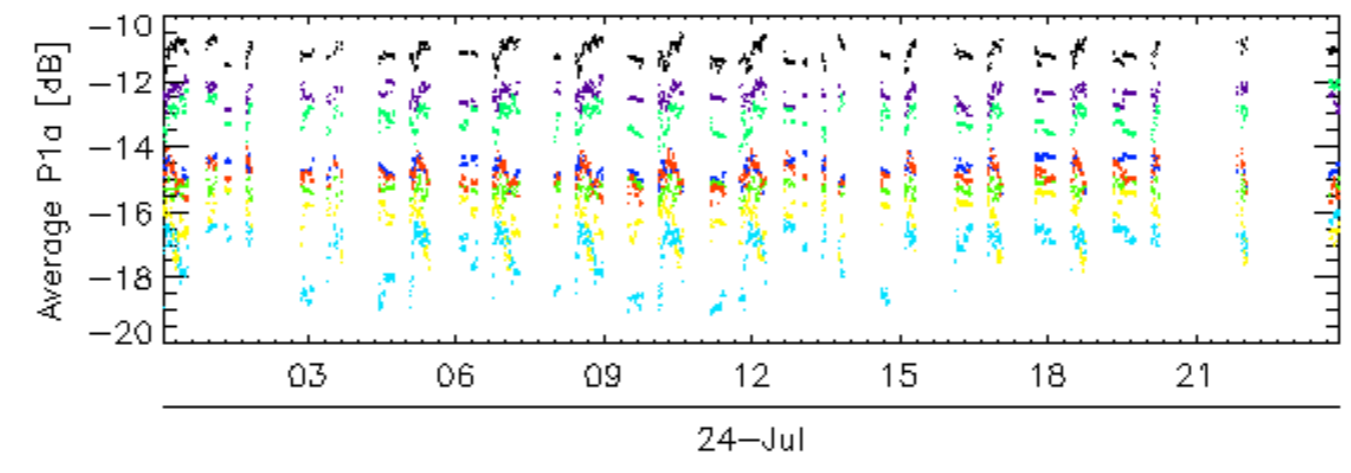
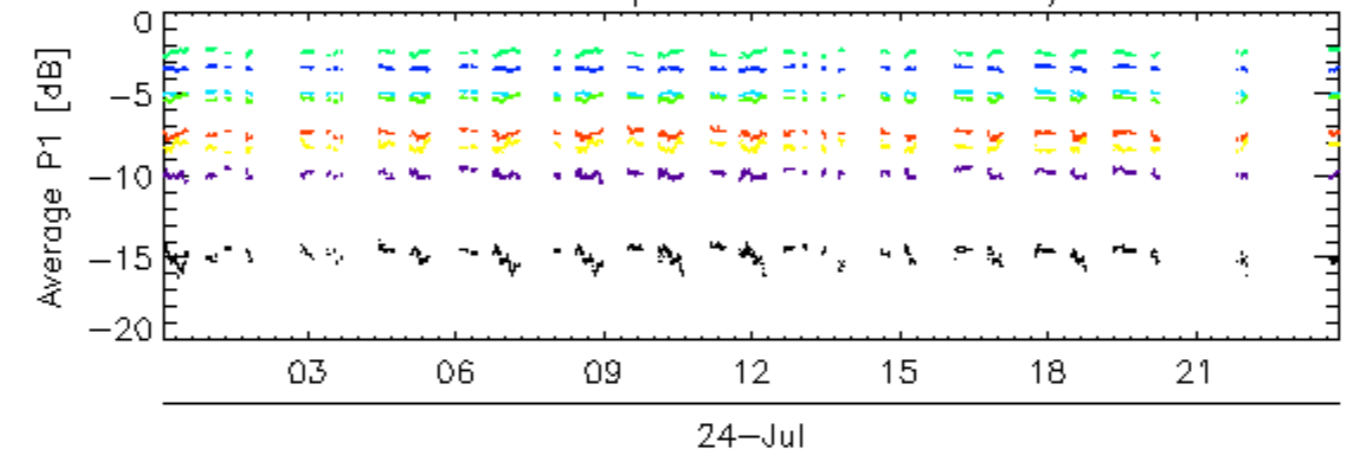




Calibration pulses for GM1 SS3 H/H

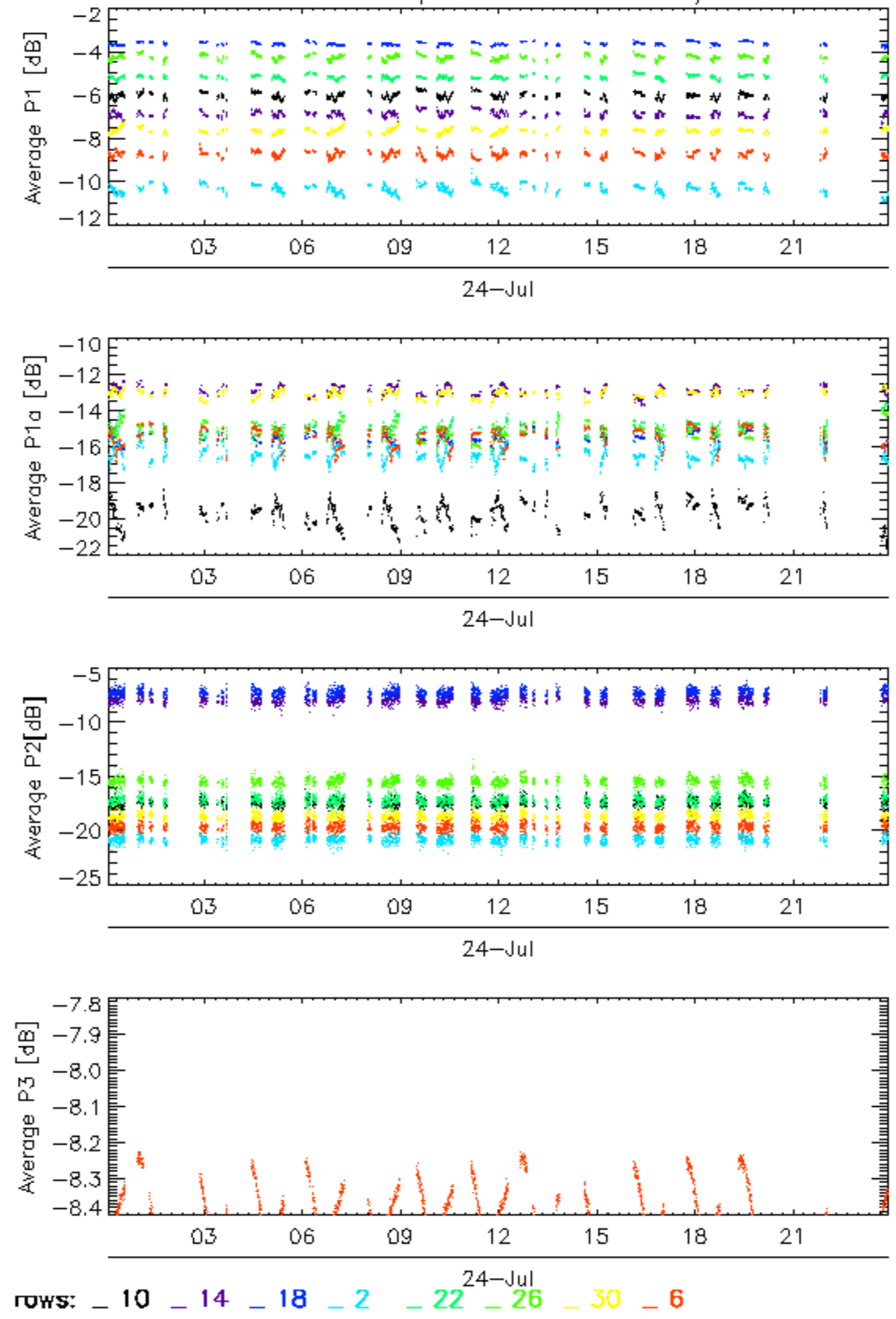


Calibration pulses for WVS IS2 V/V

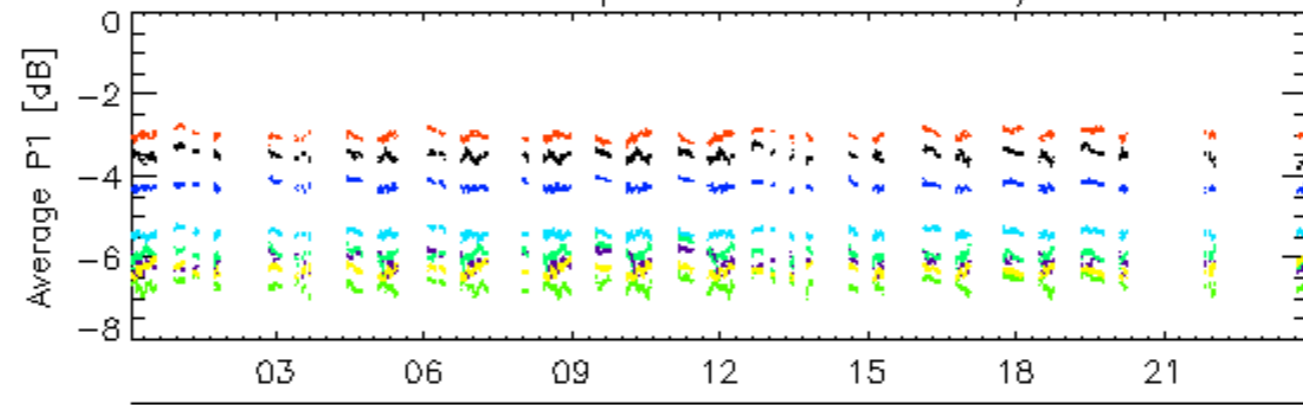


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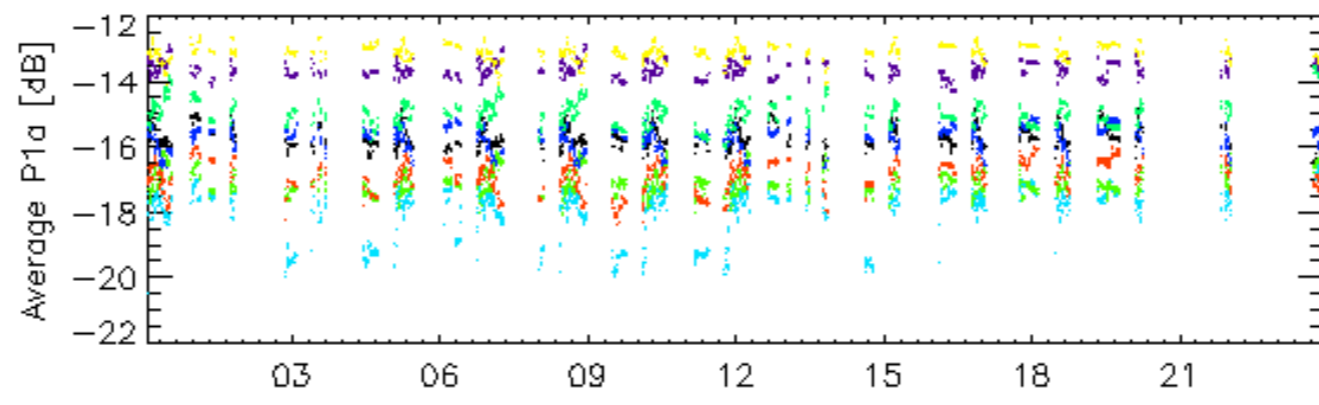
Calibration pulses for WVS IS2 V/V



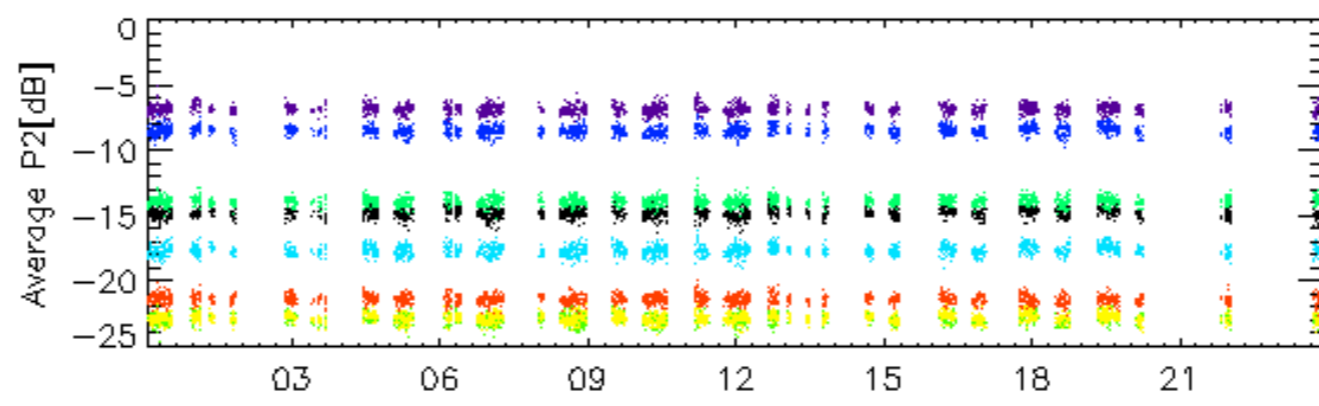
Calibration pulses for WVS IS2 V/V



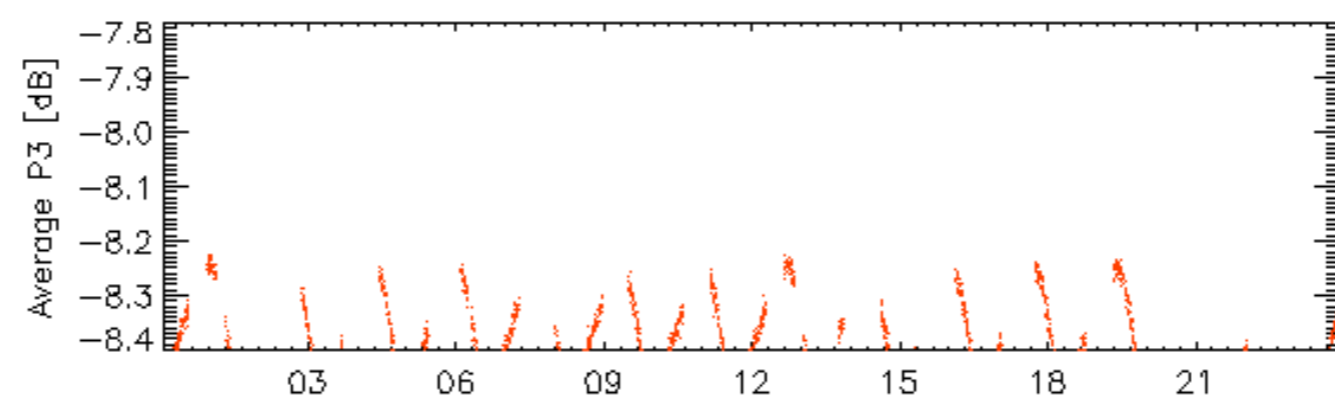
24-Jul



24-Jul



24-Jul

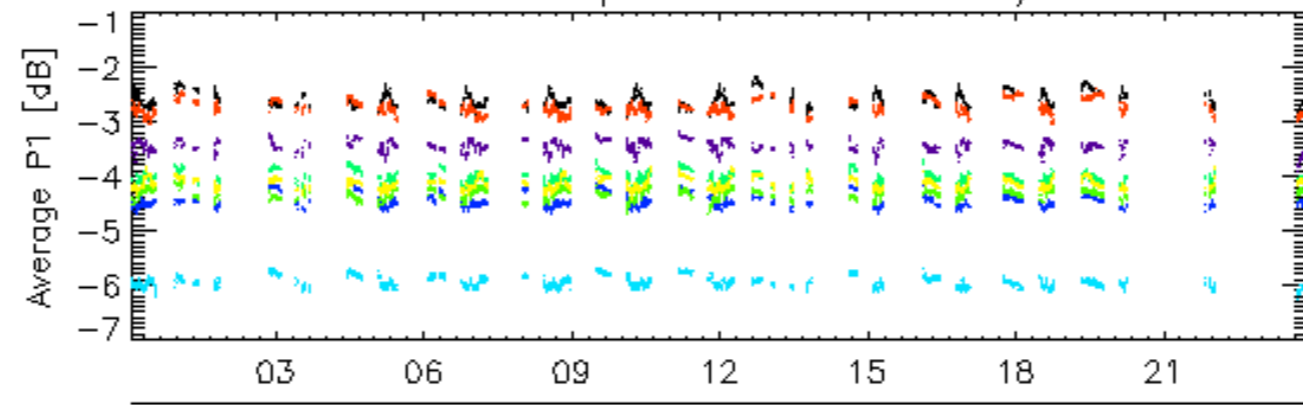


24-Jul

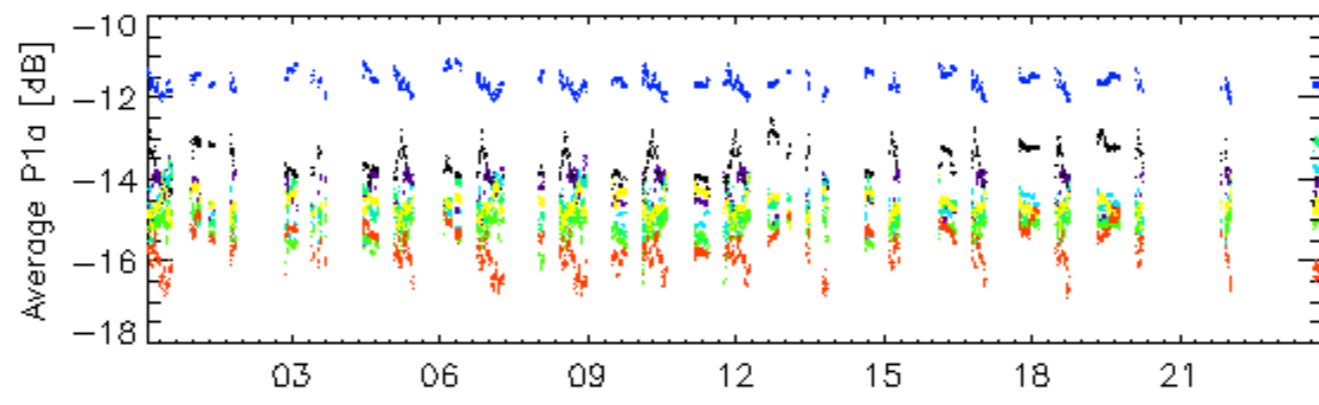
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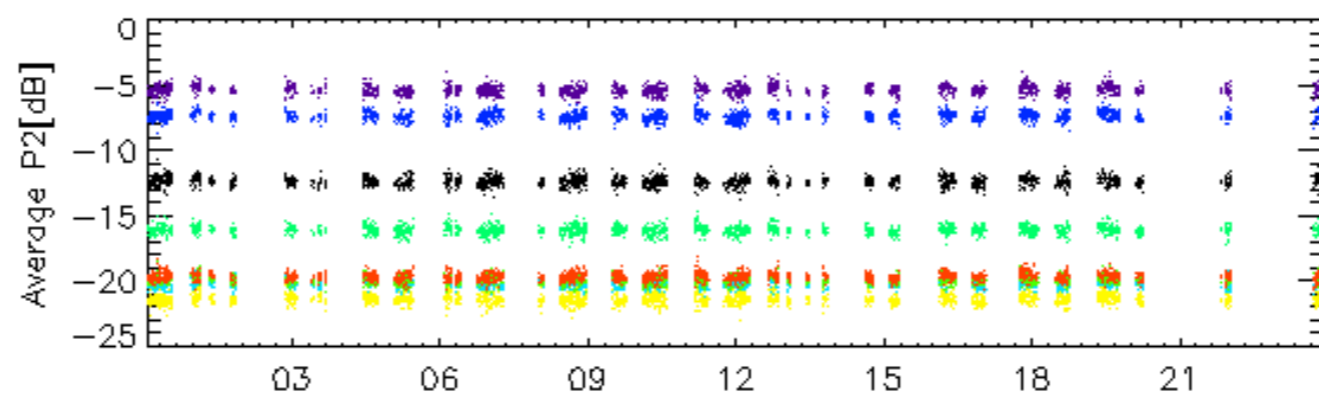
Calibration pulses for WVS IS2 V/V



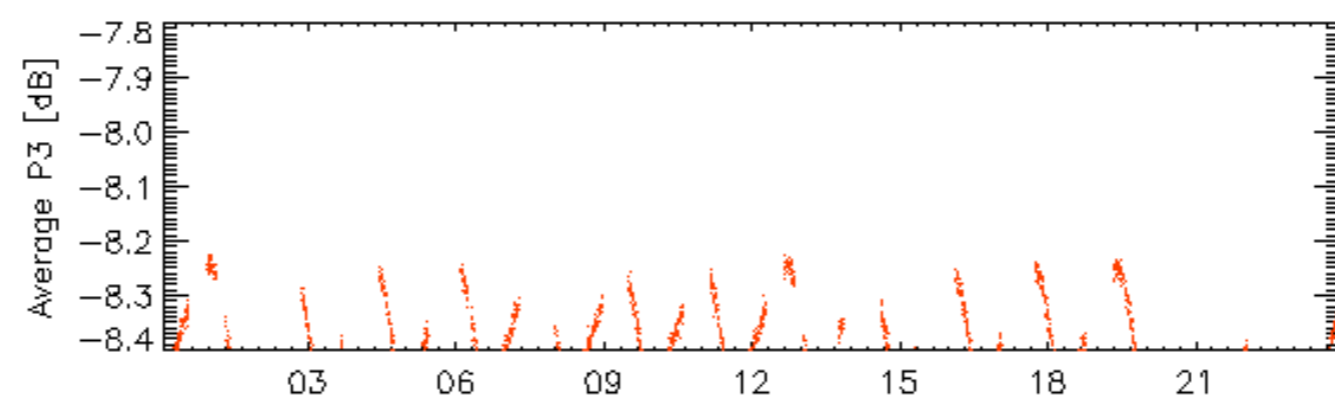
24-Jul



24-Jul

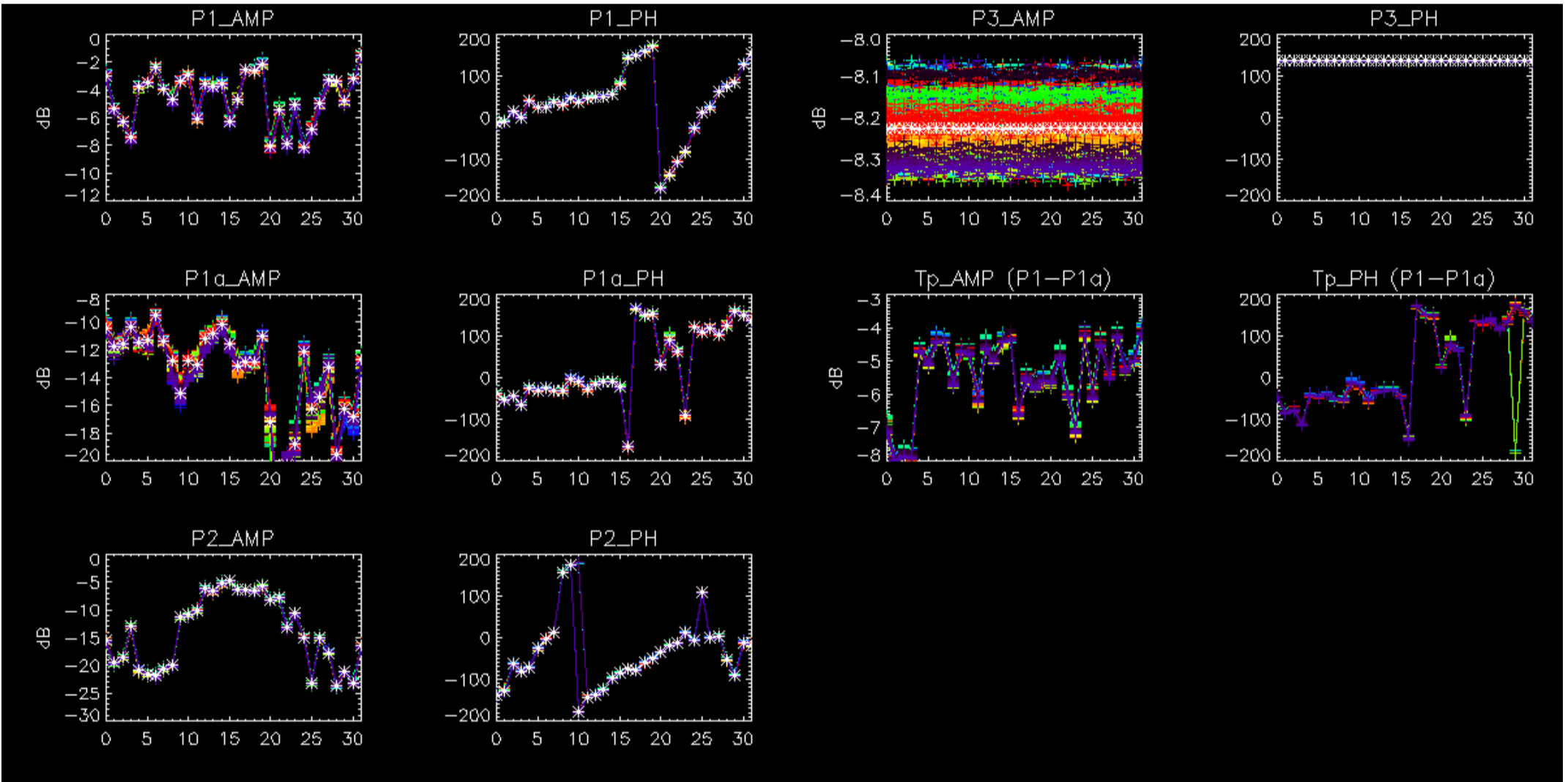


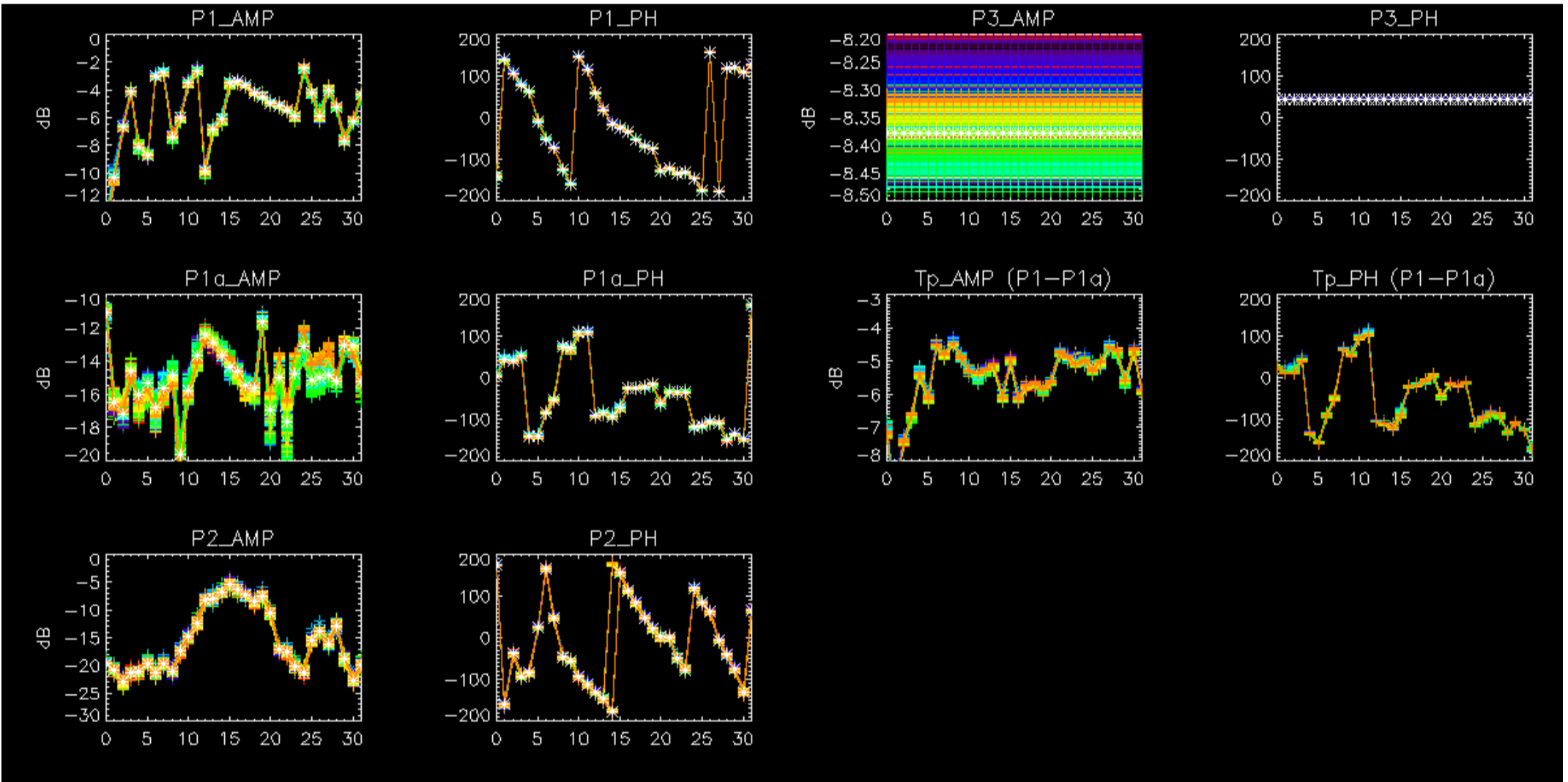
24-Jul

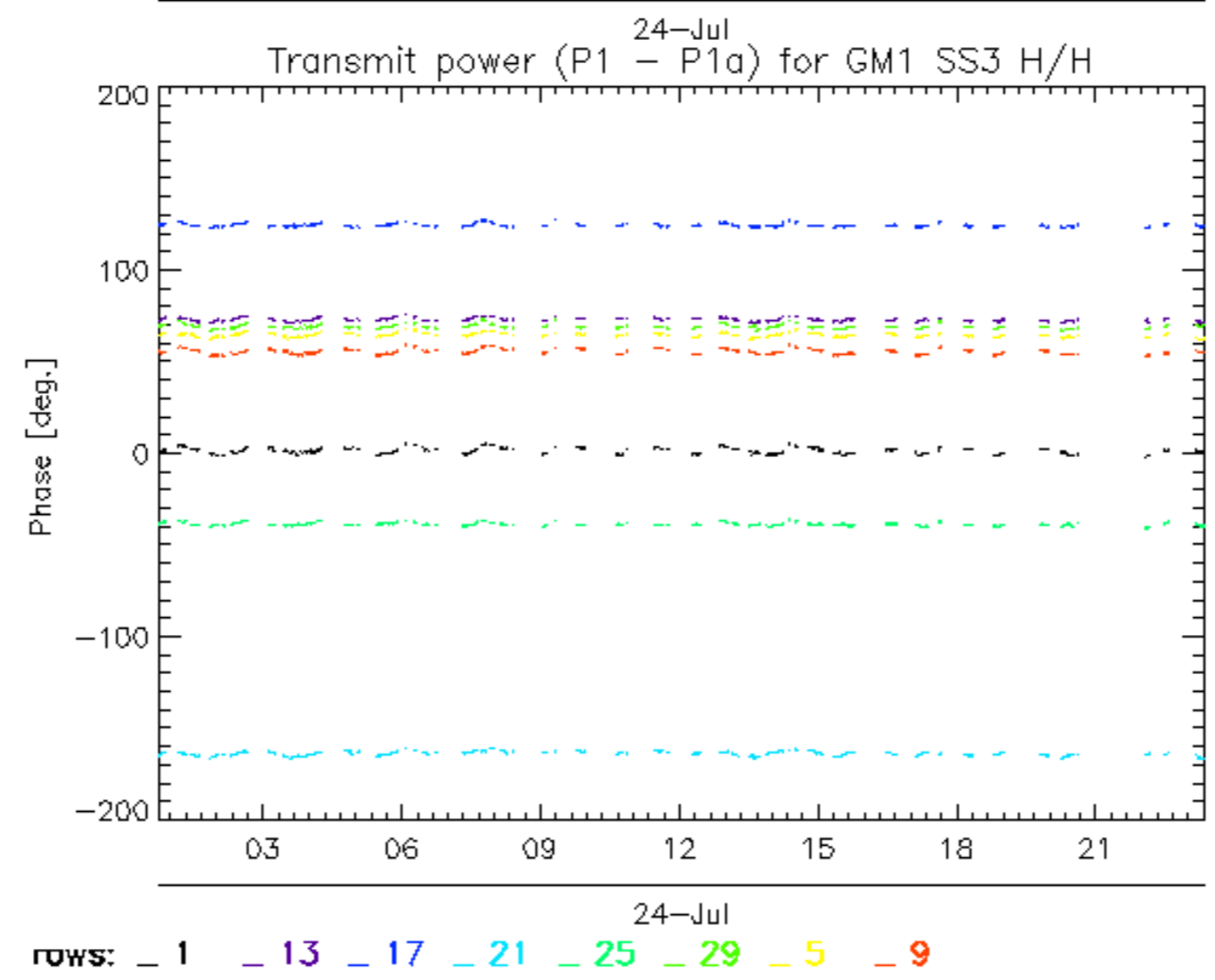
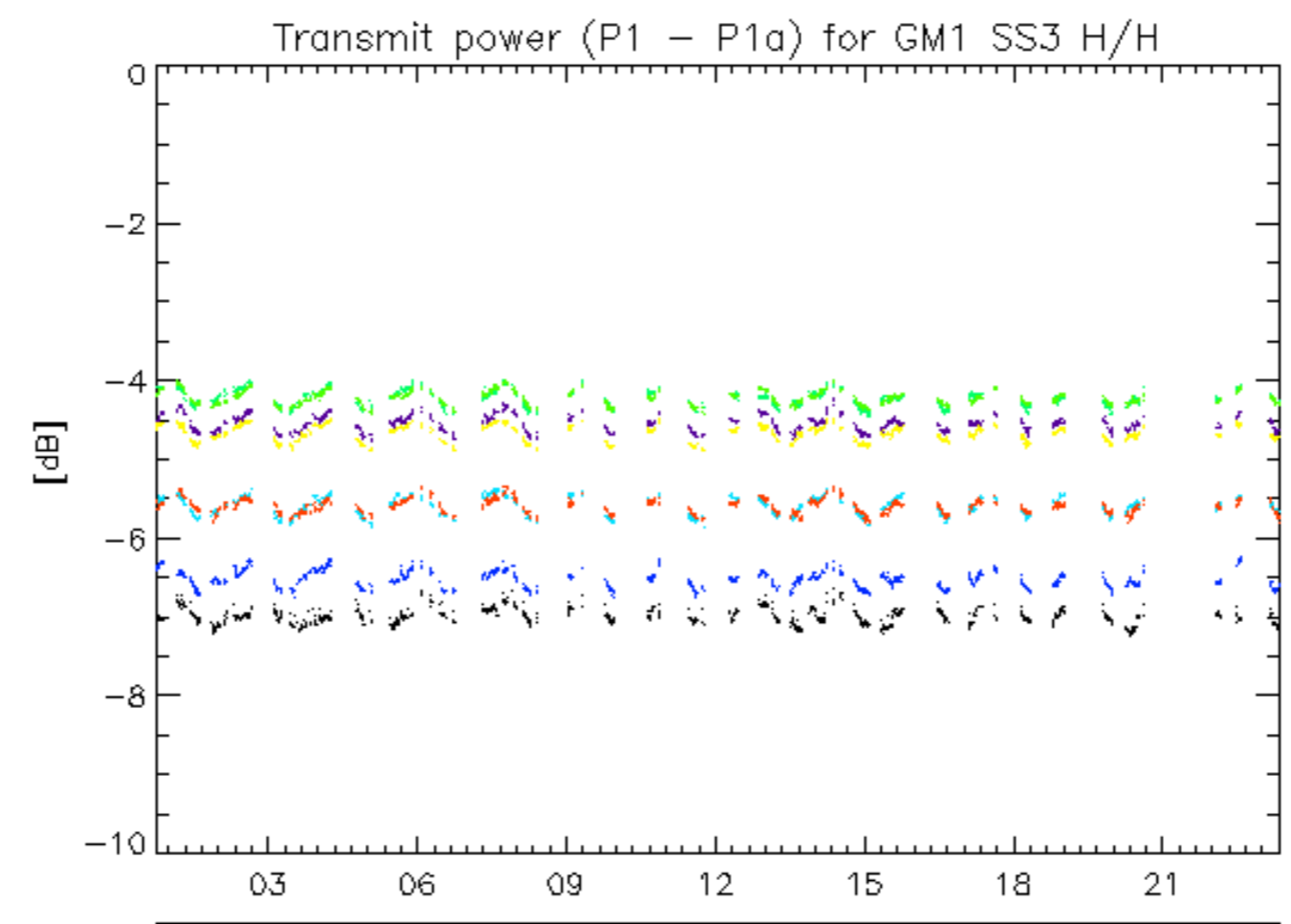


24-Jul

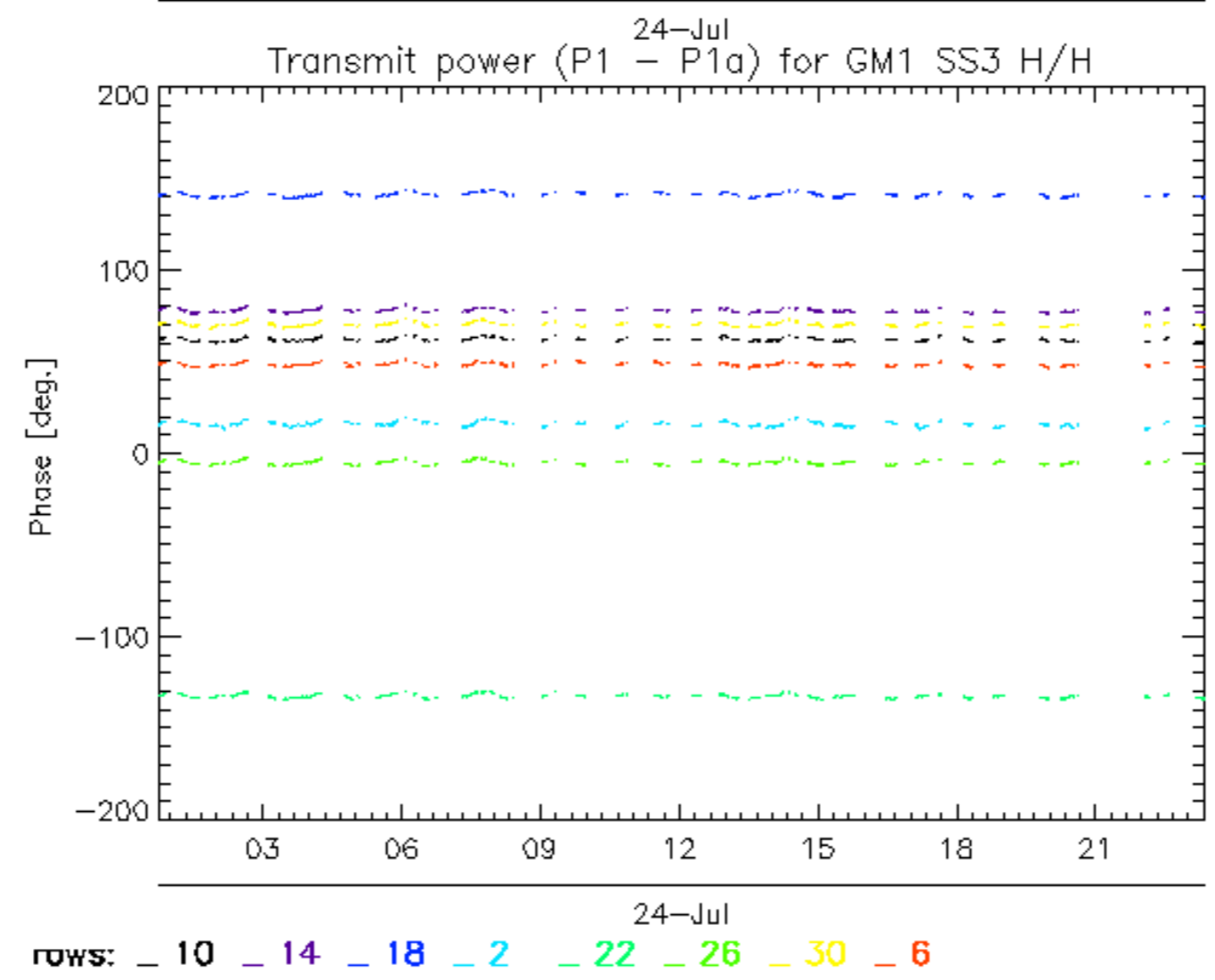
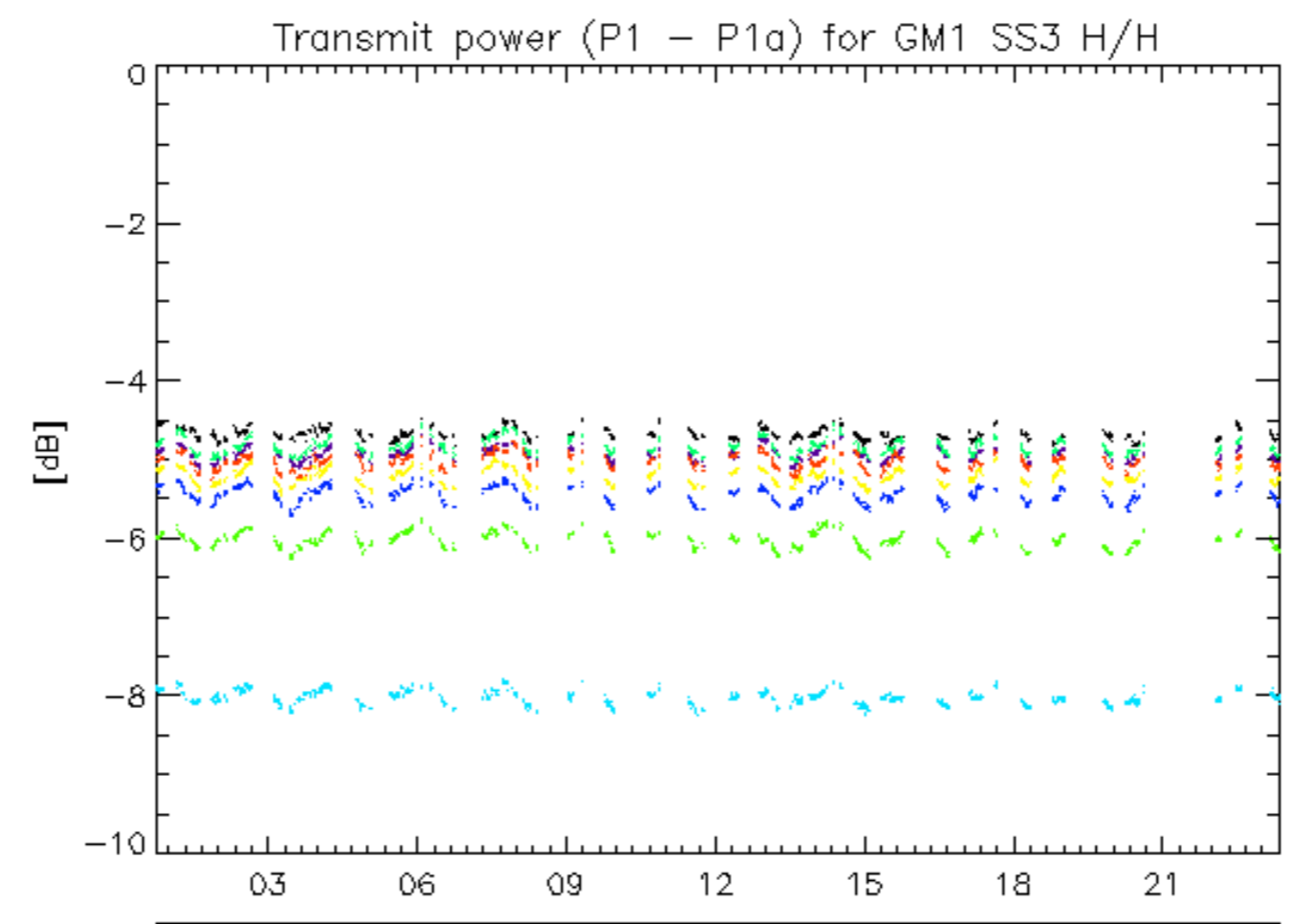
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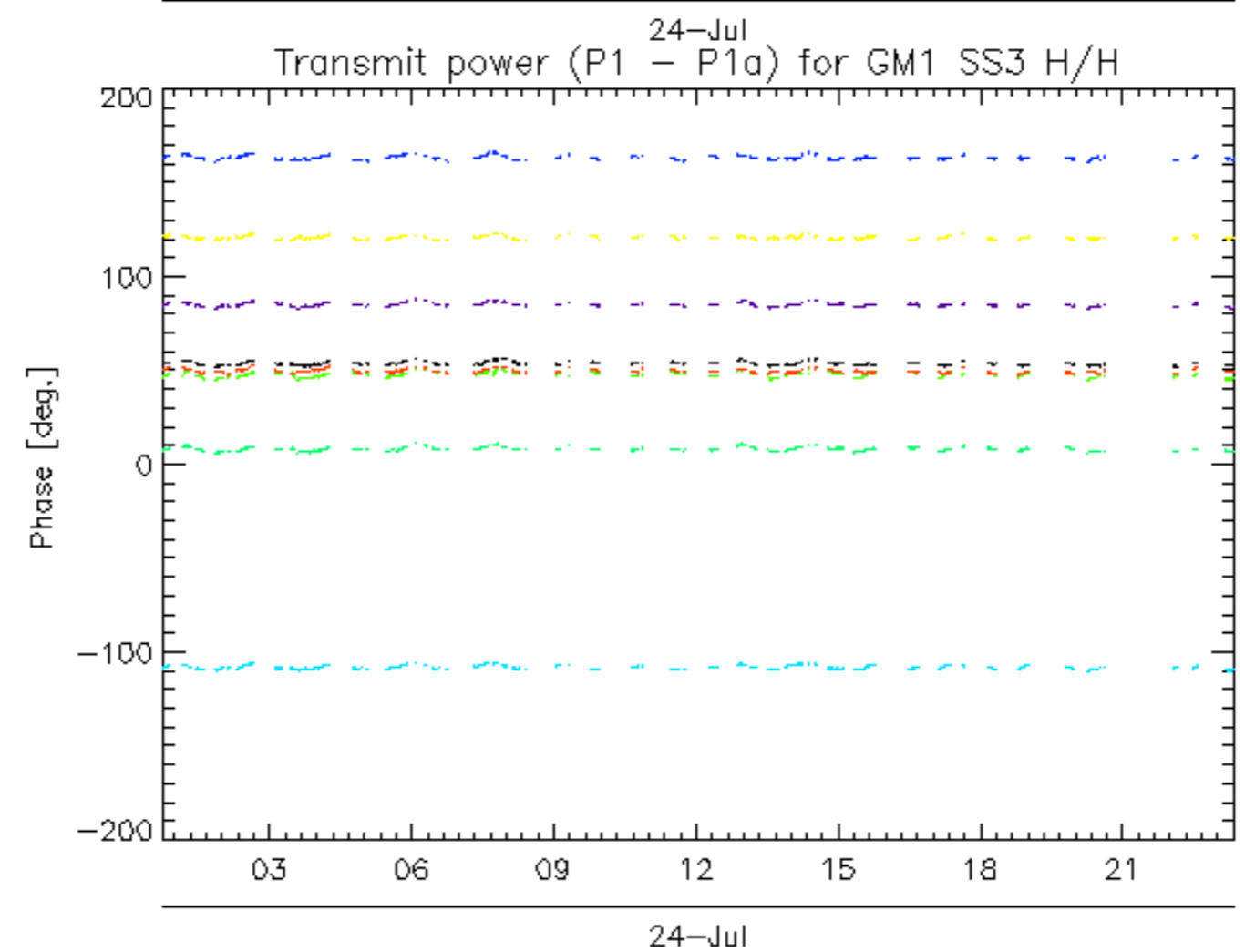
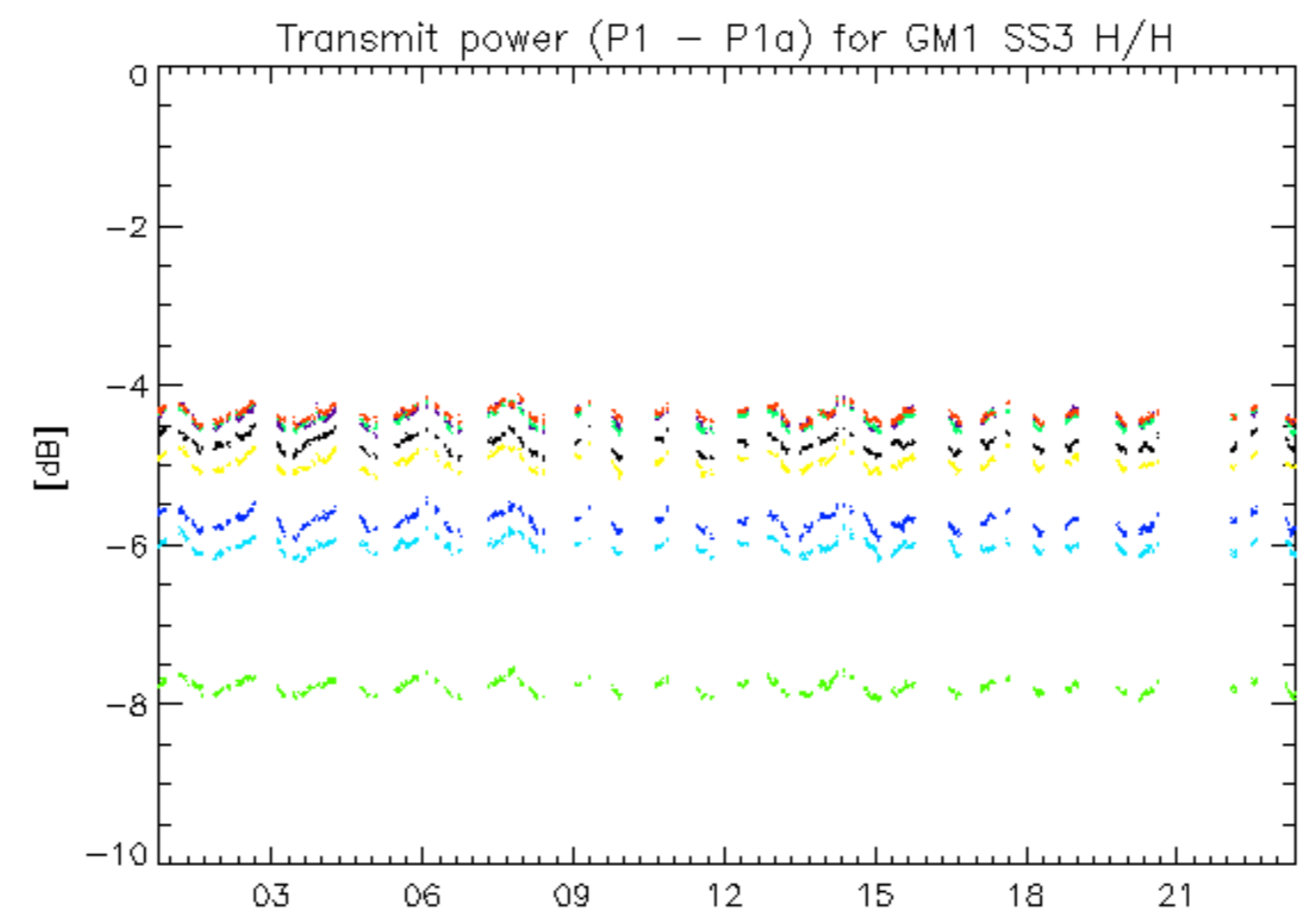




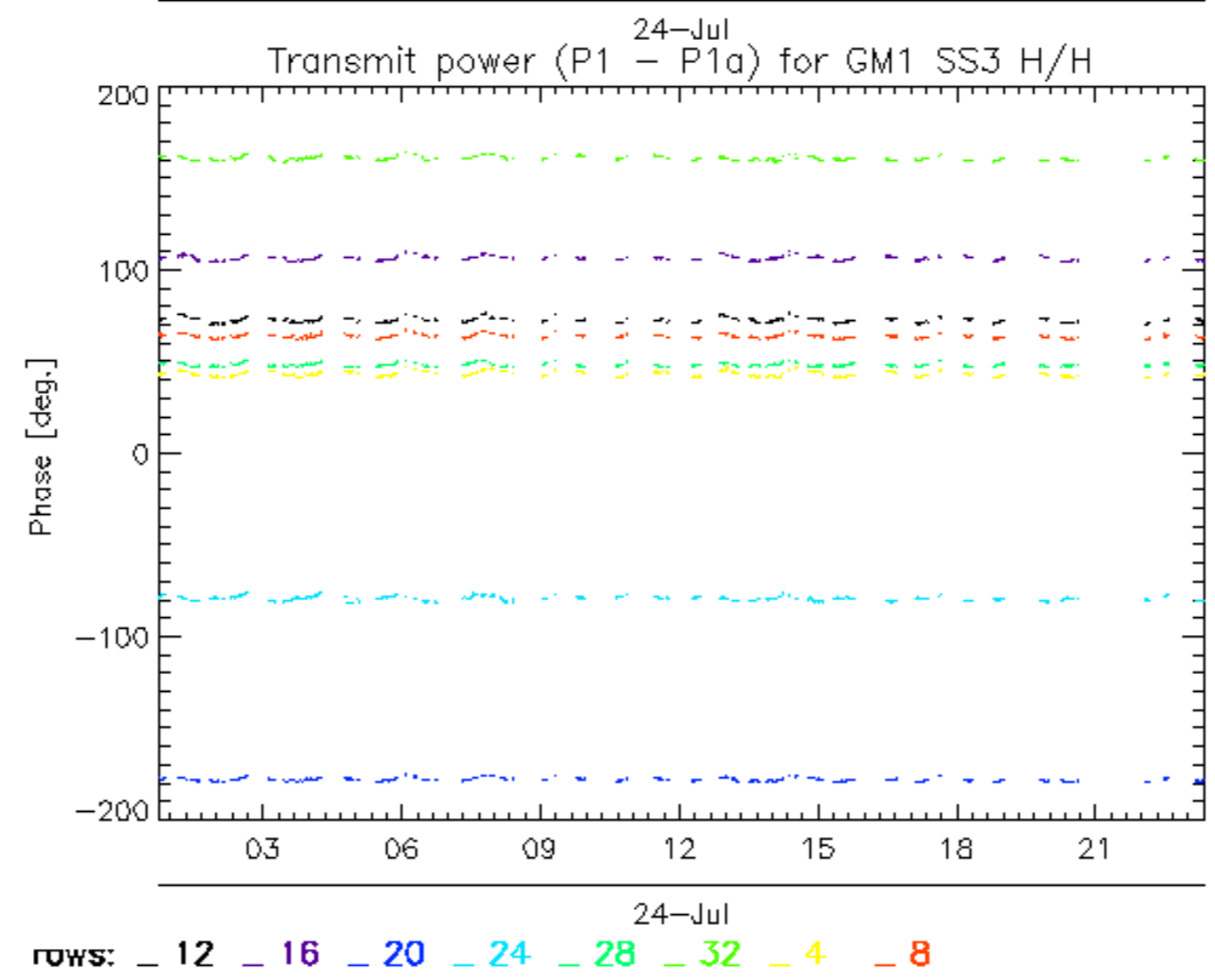
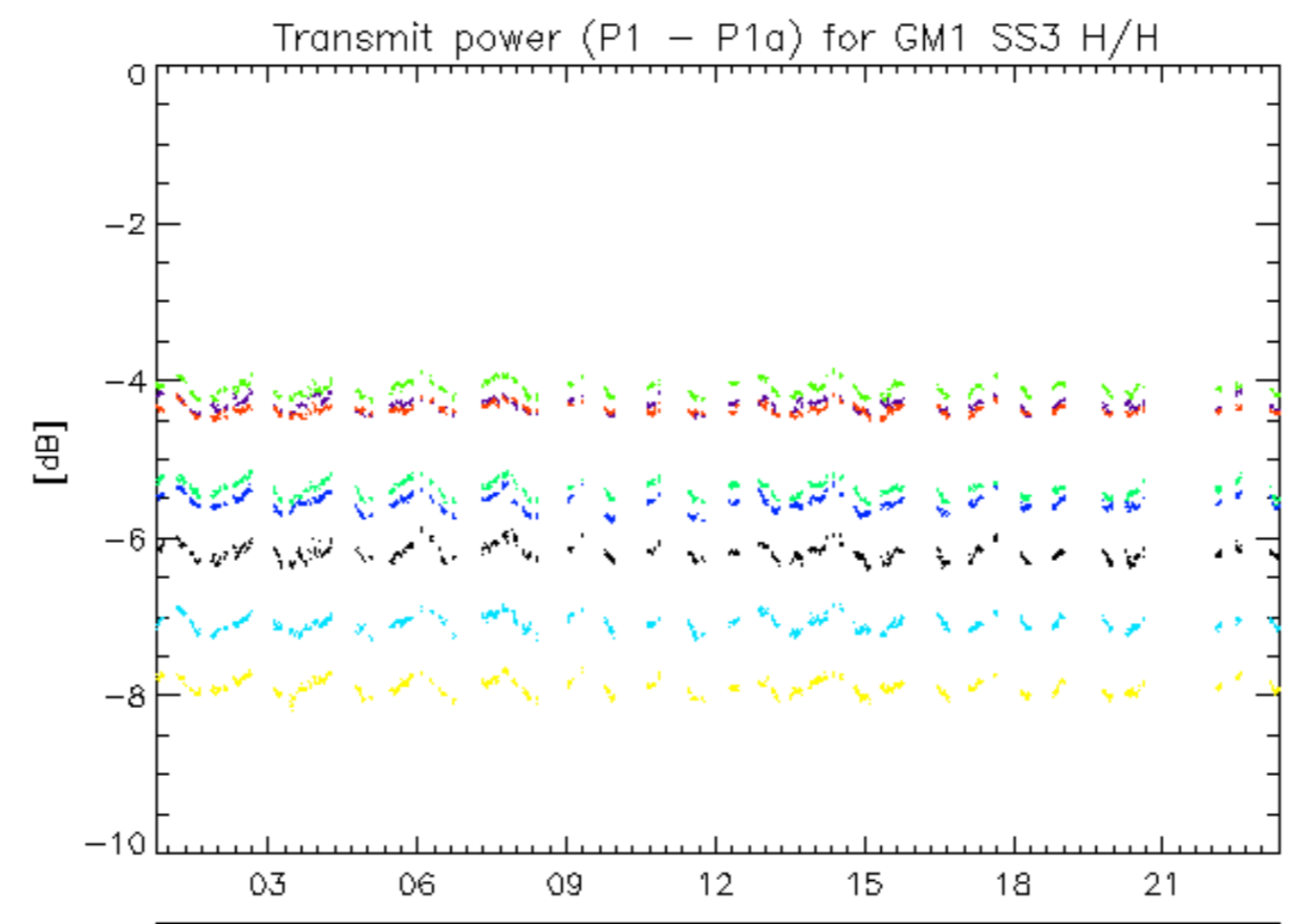


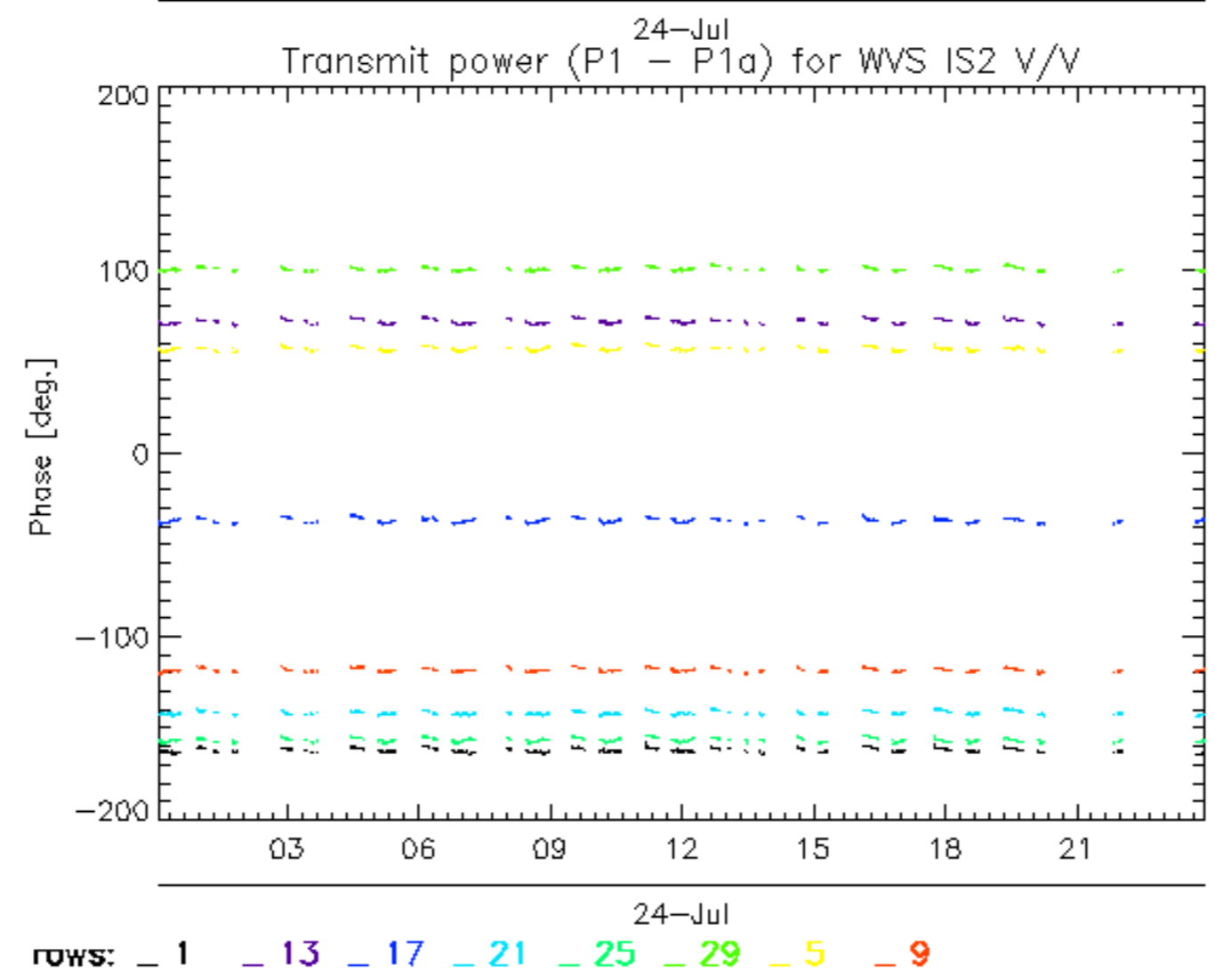
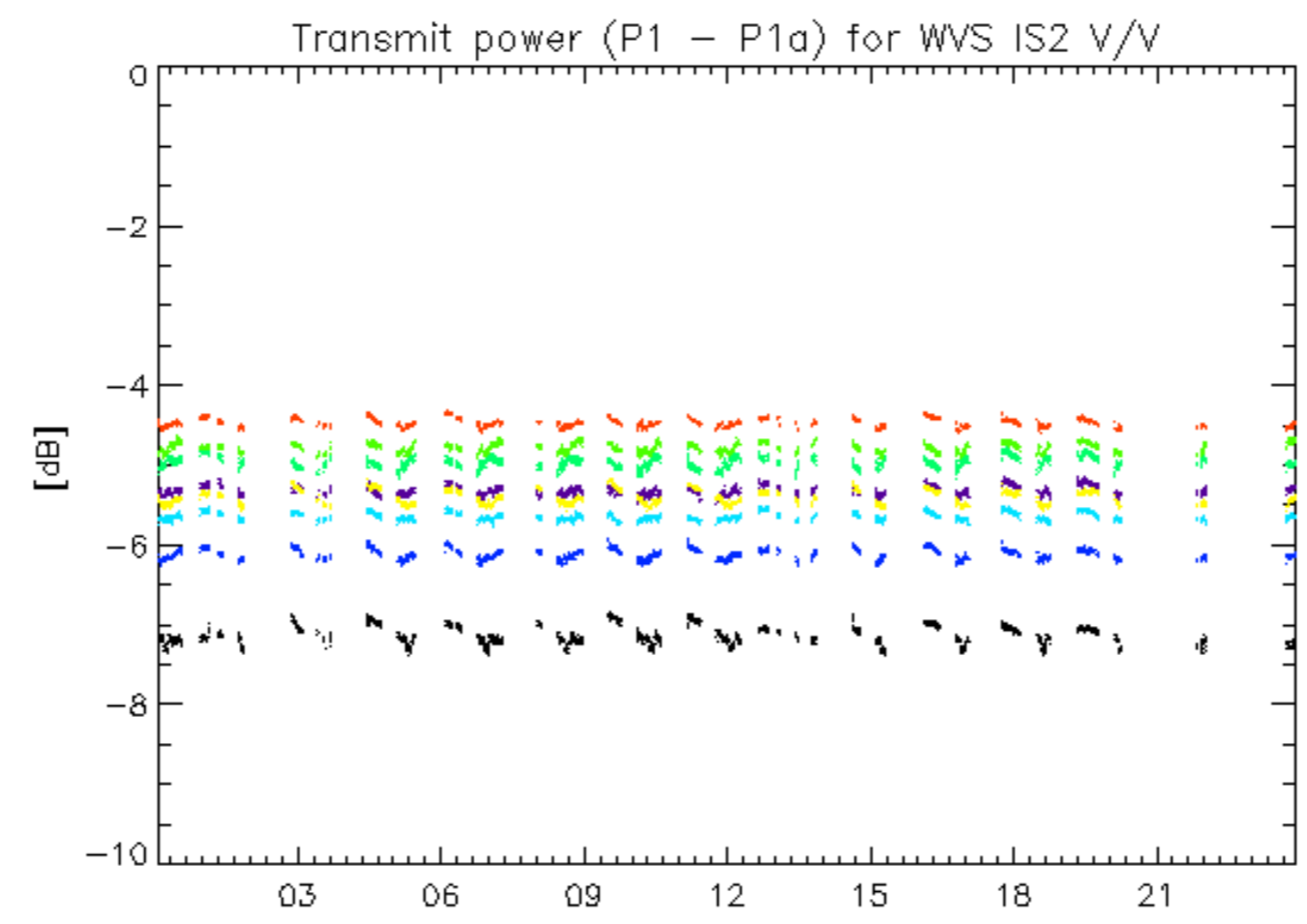




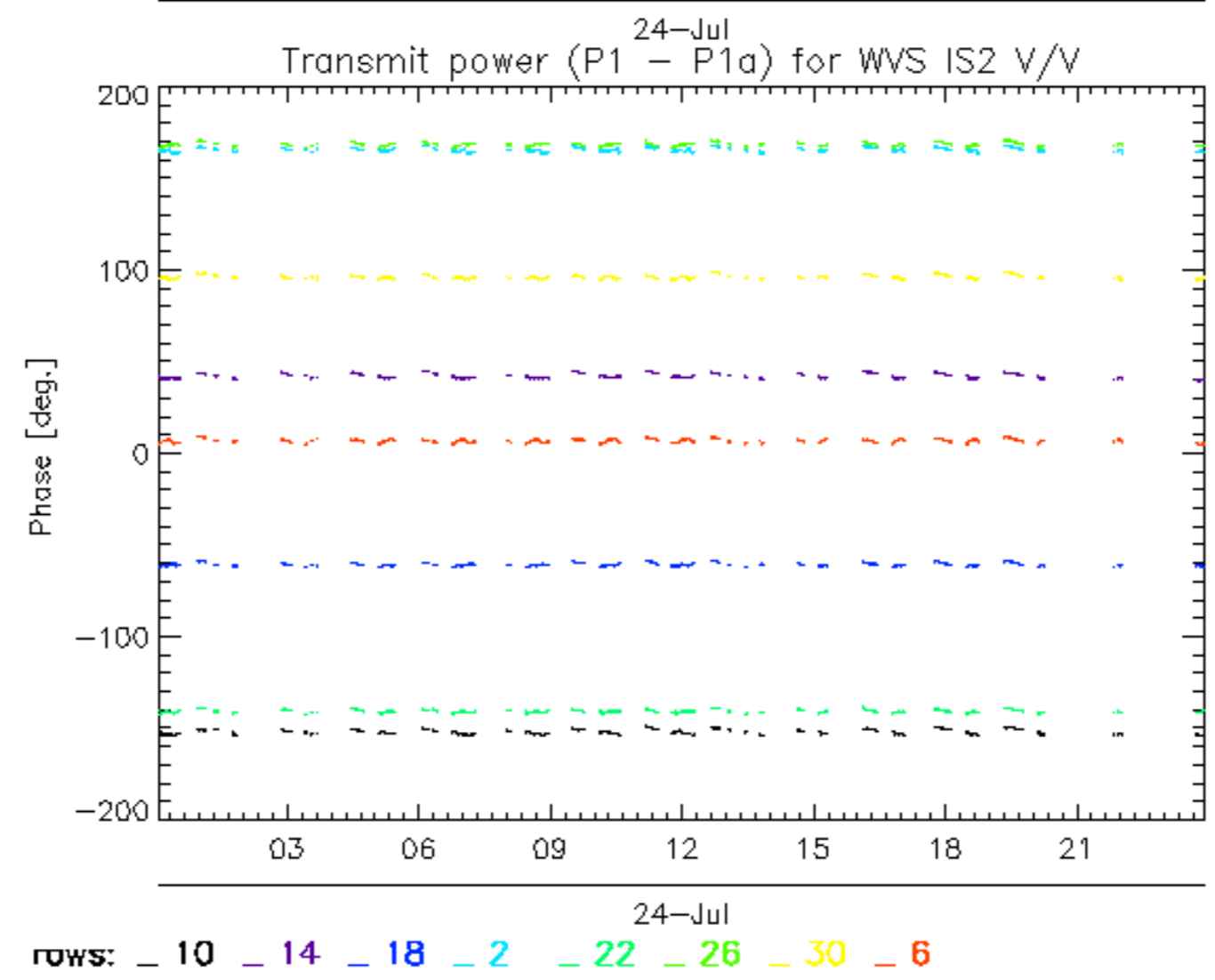
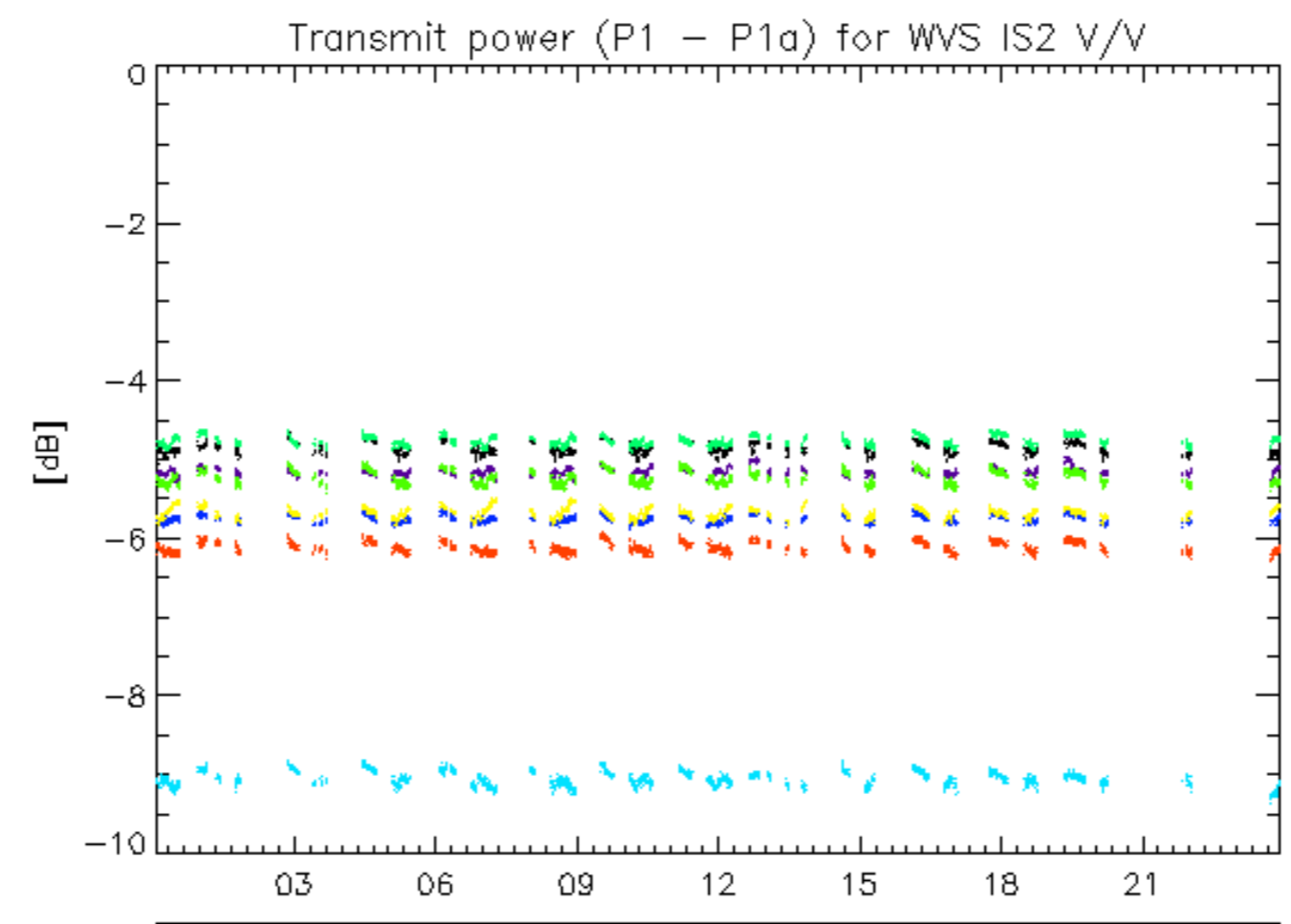


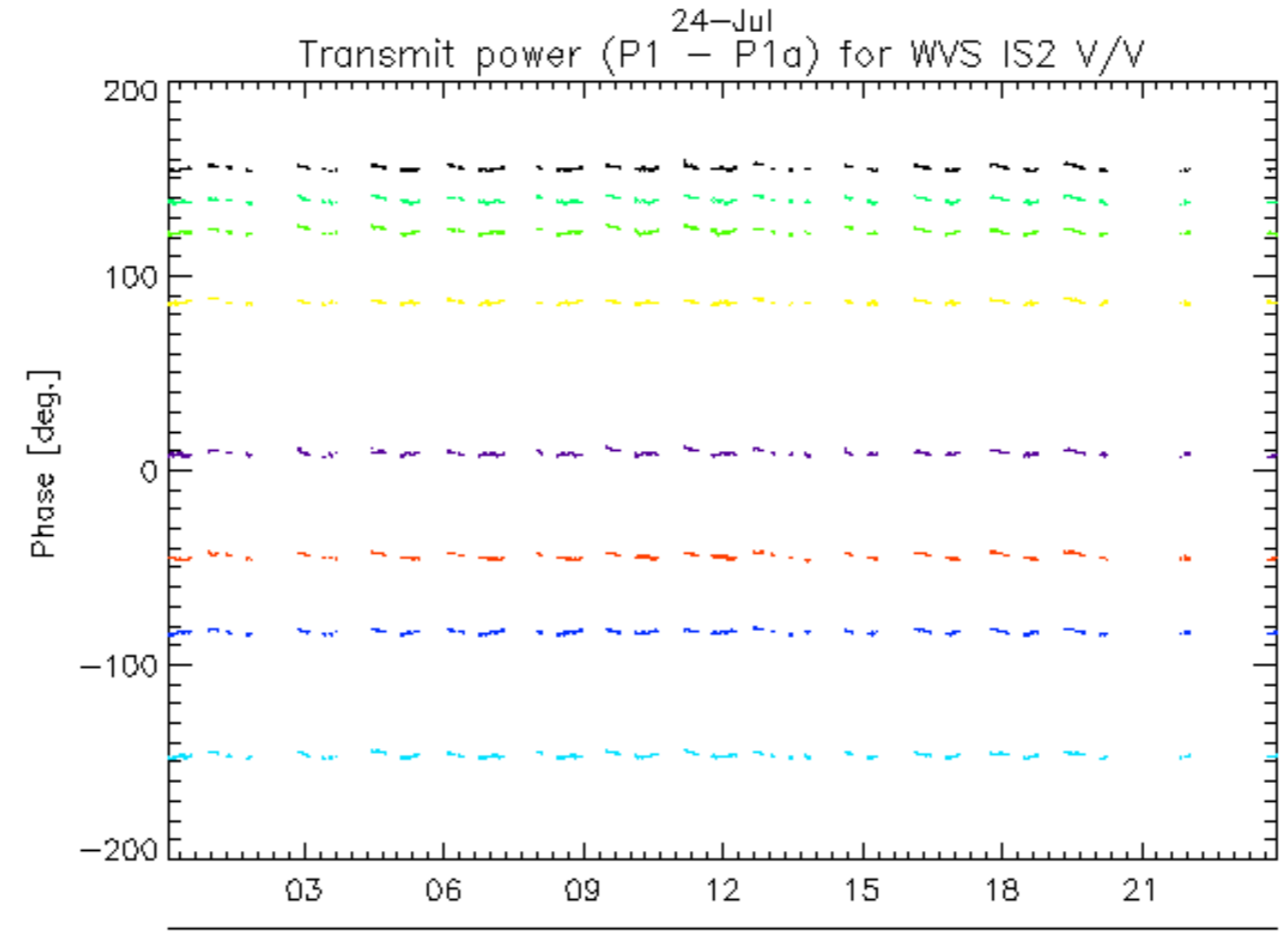
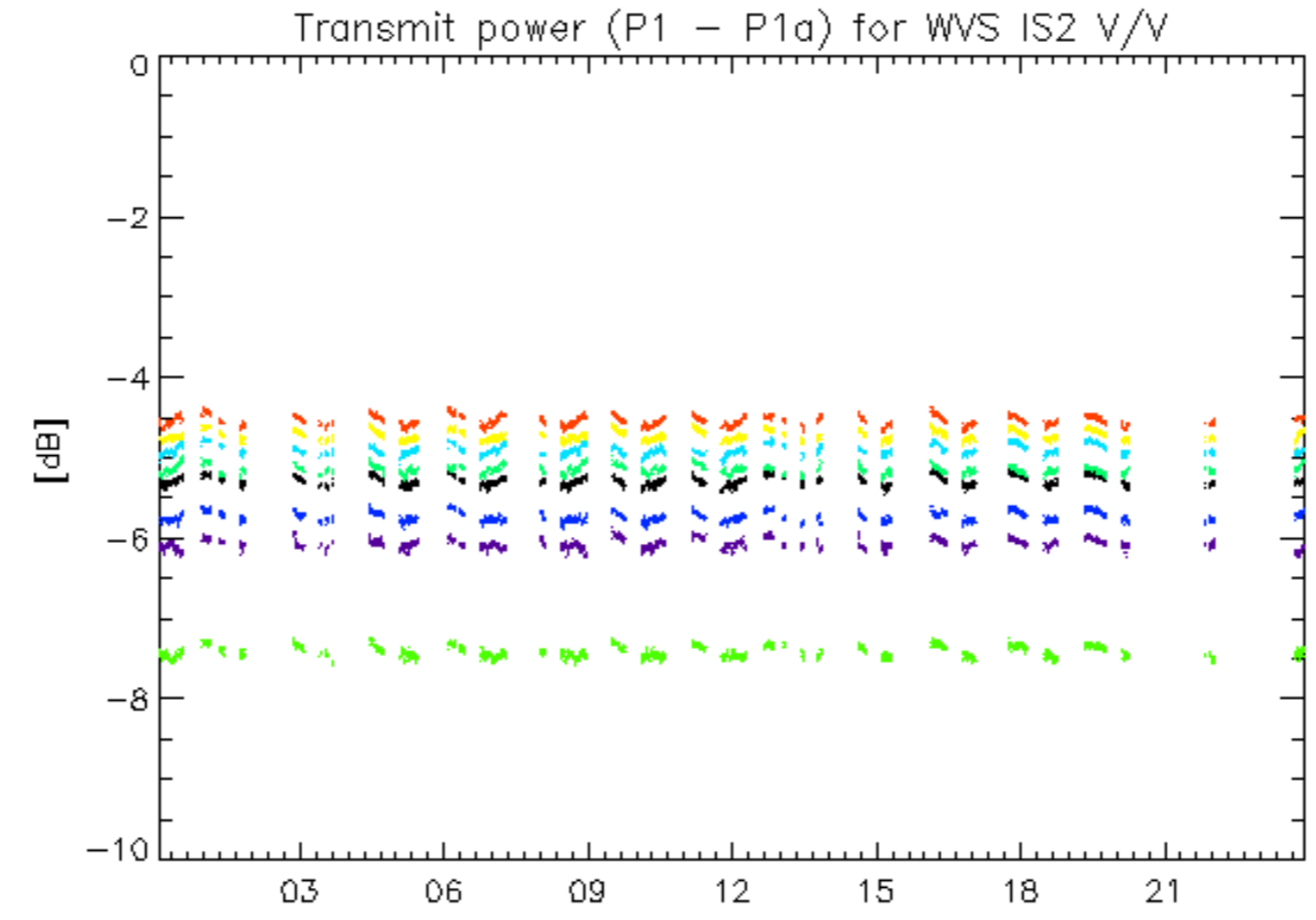
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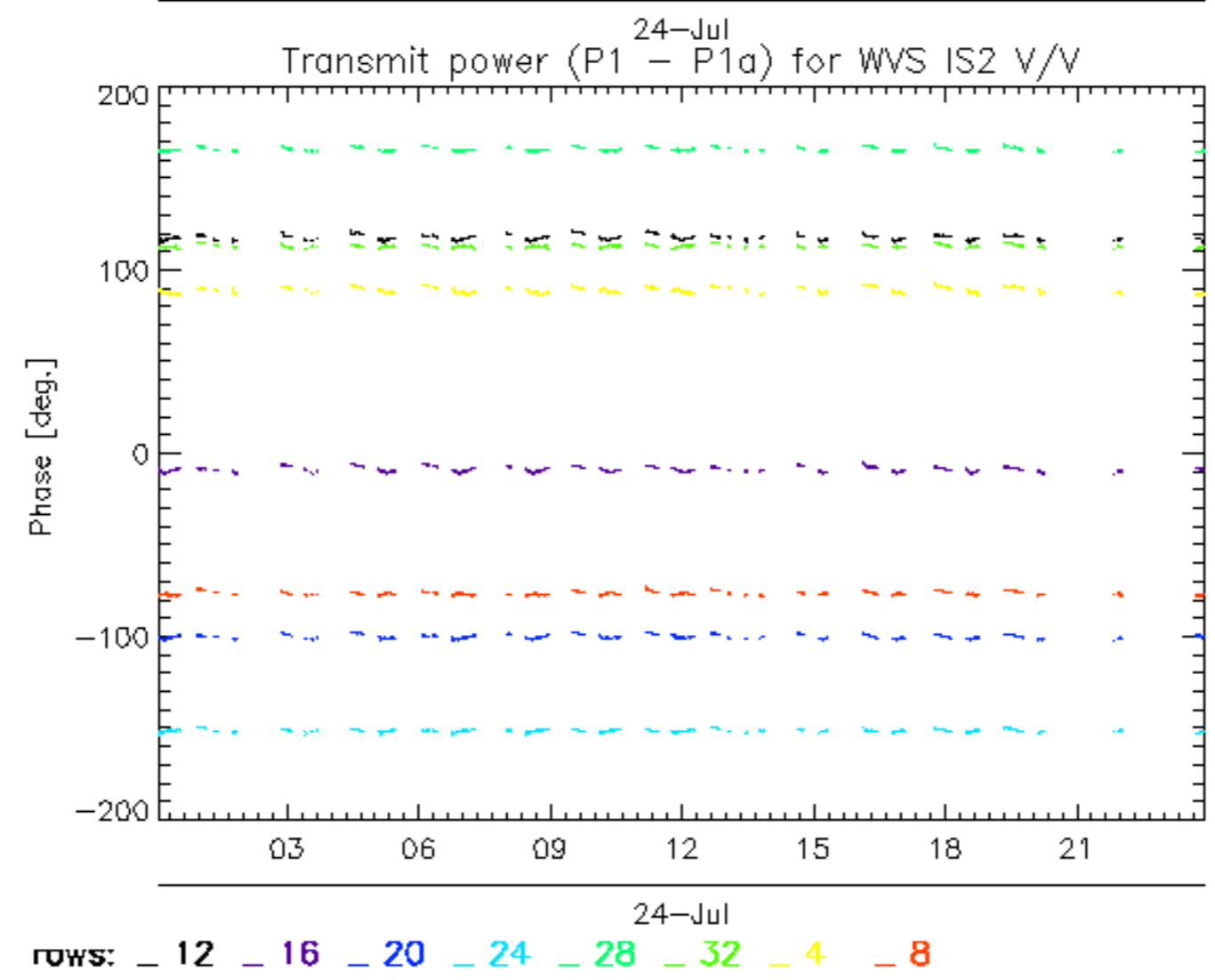
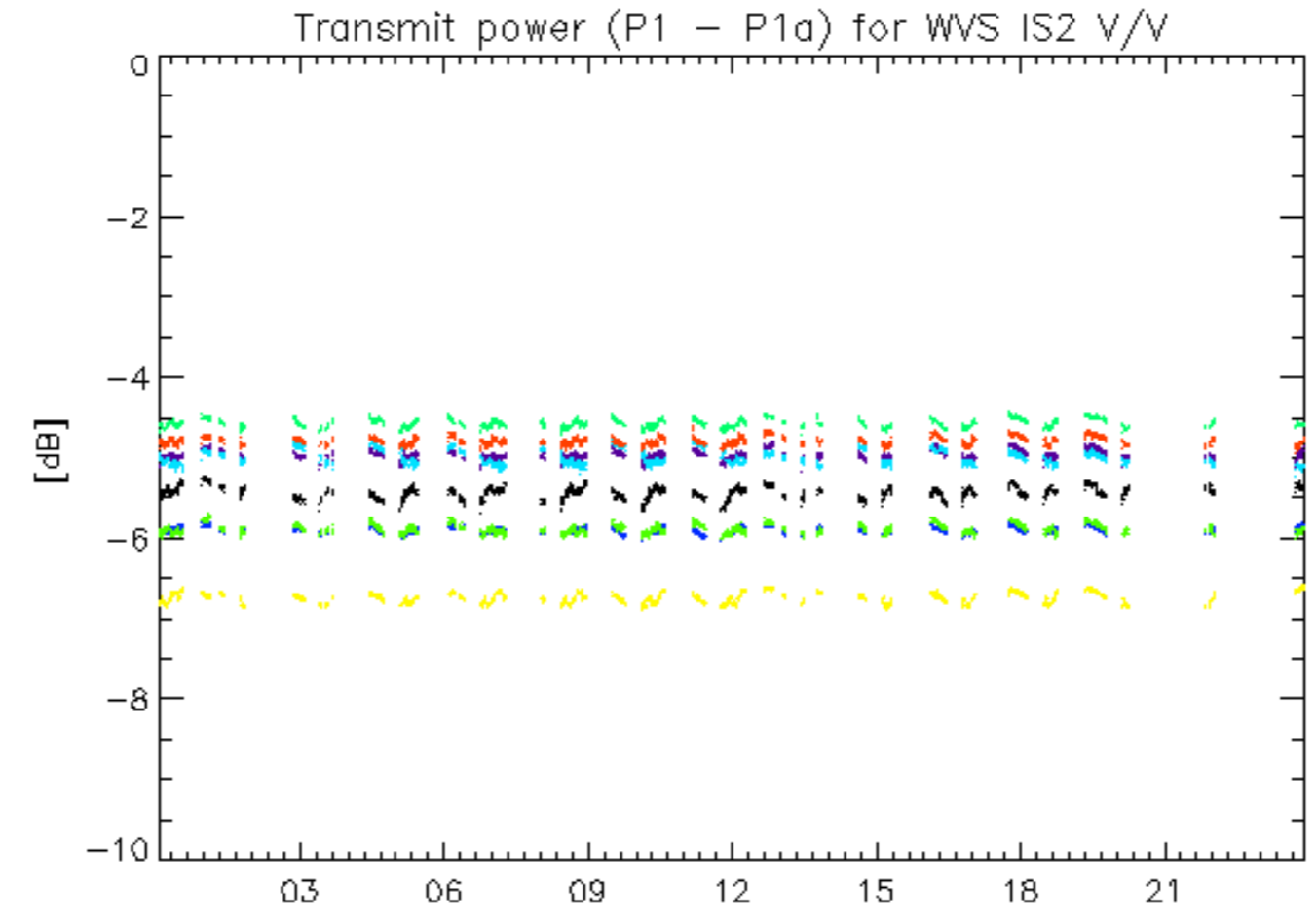


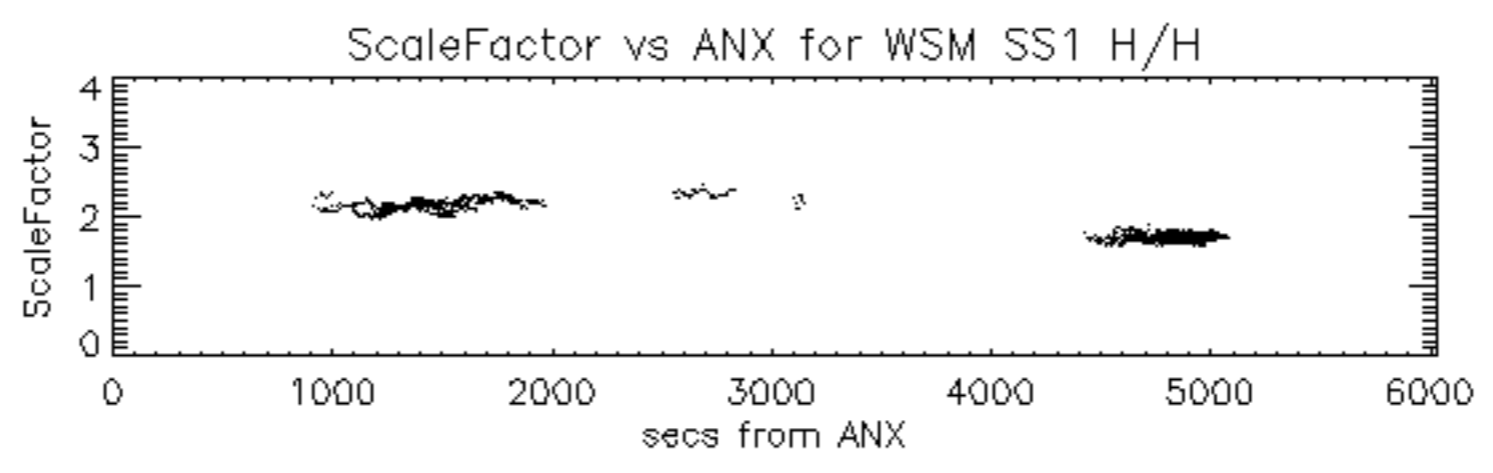




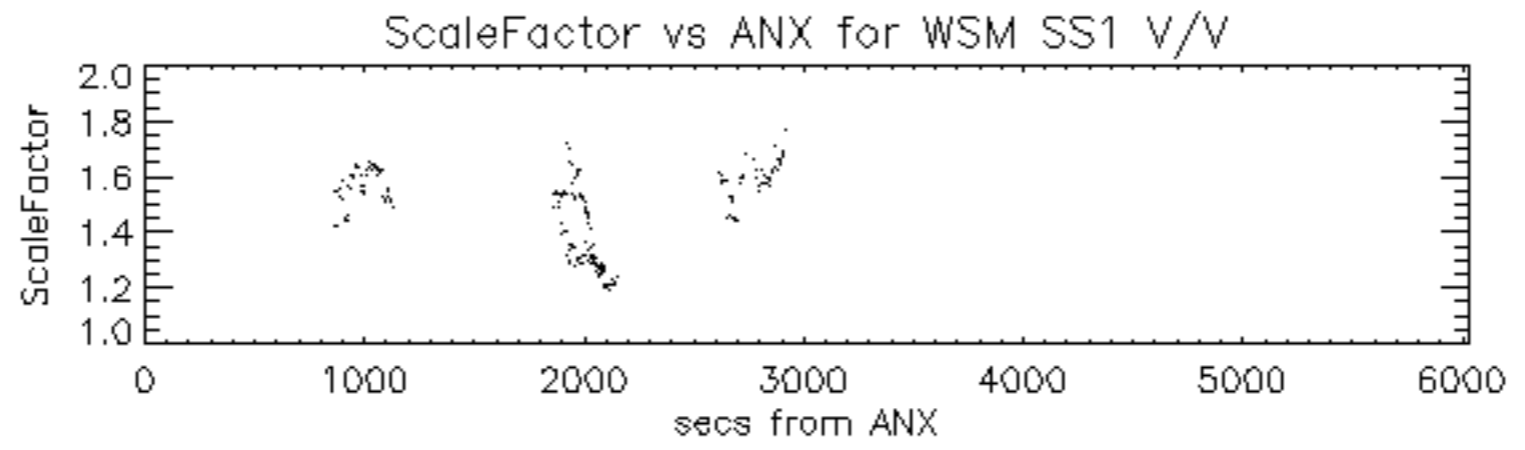


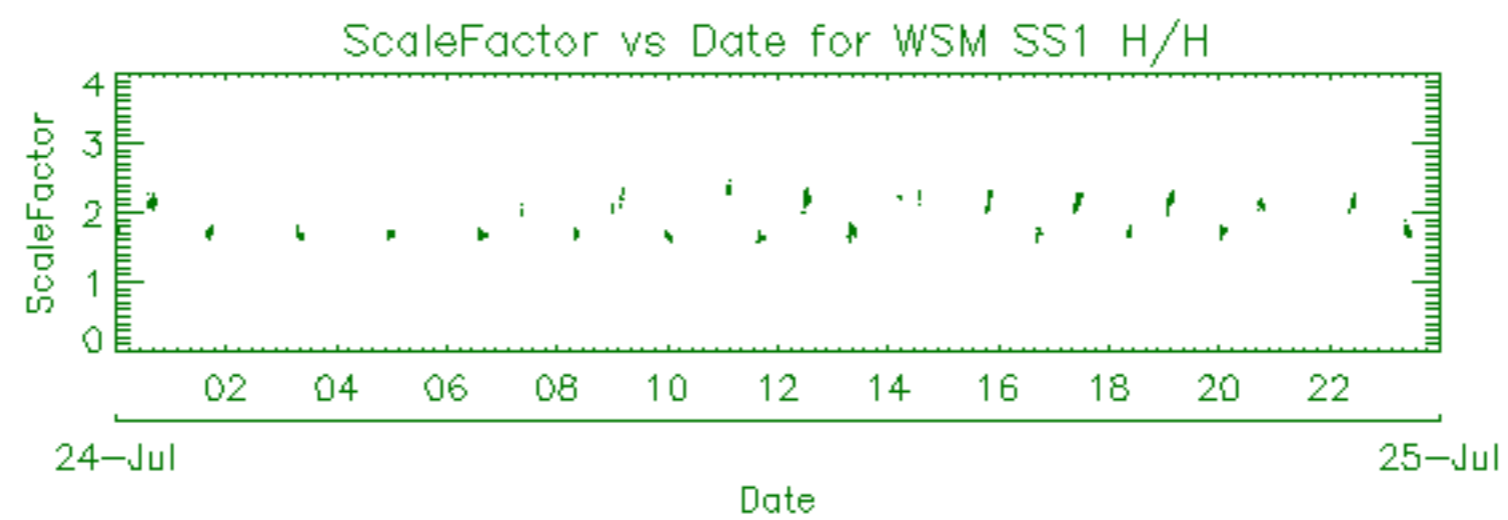
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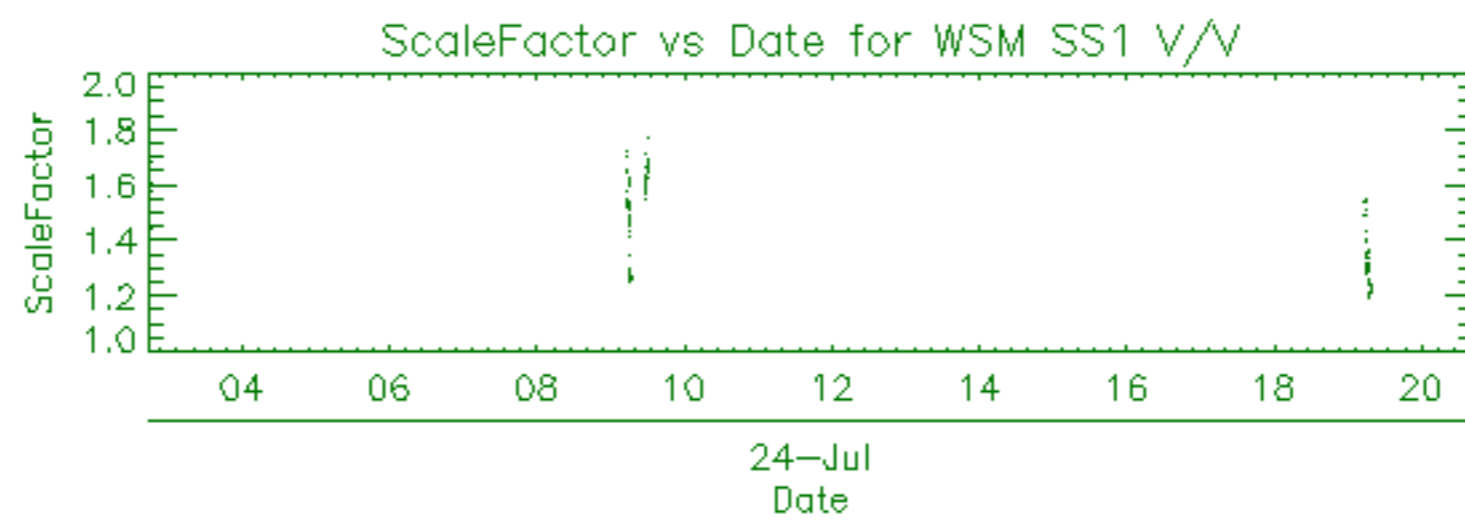












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20110724_024644_000000873104_00420_49141_0742.N1						IS4	H/H	104	49141	420	5.04
ASA_APM_1PNPDE20110724_024926_000001513104_00420_49141_0744.N1						IS4	V/H	104	49141	420	5.04
ASA_APM_1PNPDE20110724_074943_000003103104_00423_49144_0863.N1						IS4	V/H	104	49144	423	5.04
ASA_APM_1PNPDK20110724_091639_000000433104_00424_49145_4699.N1						IS7	H/H	104	49145	424	5.04
ASA_APM_1PNPDE20110724_143532_000000793104_00427_49148_0954.N1						IS4	V/H	104	49148	427	5.04
ASA_APM_1PNPDE20110724_152526_000000993104_00428_49149_0955.N1						IS2	H/V	104	49149	428	5.04
ASA_APM_1PNPDE20110724_170412_000000873104_00429_49150_0959.N1						IS4	H/H	104	49150	429	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20110724_004500_000005493104_00419_49140_0714.N1						SS1	H/H	104	49140	419	5.04
ASA_GM1_1PNPDE20110724_011003_000001873104_00419_49140_0713.N1						SS1	H/H	104	49140	419	5.04
ASA_GM1_1PNPDE20110724_011412_000003563104_00419_49140_0721.N1						SS1	H/H	104	49140	419	5.04
ASA_GM1_1PNPDE20110724_012542_000007493104_00419_49140_0719.N1						SS1	H/H	104	49140	419	5.04
ASA_GM1_1PNPDE20110724_015148_000006283104_00419_49140_0750.N1						SS1	H/H	104	49140	419	5.04
ASA_GM1_1PNPDE20110724_020632_000002173104_00420_49141_0749.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_021837_000012753104_00420_49141_0747.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_030556_000006833104_00420_49141_0785.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_032622_000002773104_00420_49141_0792.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_033105_000000783104_00420_49141_0790.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_033542_000003023104_00420_49141_0793.N1						SS1	H/H	104	49141	420	5.04
ASA_GM1_1PNPDE20110724_034305_000001813104_00421_49142_0788.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_034925_000001203104_00421_49142_0787.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_035438_000002473104_00421_49142_0786.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_040058_000009673104_00421_49142_0796.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_044611_000000783104_00421_49142_0827.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_044856_000004343104_00421_49142_0829.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_050251_000001323104_00421_49142_0840.N1						SS1	H/H	104	49142	421	5.04
ASA_GM1_1PNPDE20110724_052730_000006283104_00422_49143_0839.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDE20110724_053953_000009243104_00422_49143_0838.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDE20110724_060409_000000843104_00422_49143_0836.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDE20110724_061452_000002053104_00422_49143_0841.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDK20110724_062625_000000783104_00422_49143_4662.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDK20110724_062910_000003263104_00422_49143_4663.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDK20110724_064256_000001443104_00422_49143_4665.N1						SS1	H/H	104	49143	422	5.04
ASA_GM1_1PNPDK20110724_071728_000001813104_00423_49144_4666.N1						SS1	H/H	104	49144	423	5.04
ASA_GM1_1PNPDK20110724_072208_000004473104_00423_49144_4668.N1						SS1	H/H	104	49144	423	5.04
ASA_GM1_1PNPDK20110724_072850_000005193104_00423_49144_4679.N1						SS1	H/H	104	49144	423	5.04
ASA_GM1_1PNPDK20110724_074158_000004653104_00423_49144_4680.N1						SS1	H/H	104	49144	423	5.04
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ASA_GM1_1PNPDK20110724_090105_000003983104_00424_49145_4685.N1						SS1	H/H	104	49145	424	5.04
ASA_GM1_1PNPDK20110724_091742_000000723104_00424_49145_4704.N1						SS1	H/H	104	49145	424	5.04
ASA_GM1_1PNPDK20110724_094653_000006713104_00424_49145_4706.N1						SS1	H/H	104	49145	424	5.04
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ASA_GM1_1PNPDK20110724_125213_000005373104_00426_49147_4778.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_130115_000001023104_00426_49147_4779.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_130721_000005613104_00426_49147_4781.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_133038_000001023104_00426_49147_4780.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_133230_000003503104_00426_49147_4784.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_133920_000003803104_00426_49147_4786.N1						SS1	H/H	104	49147	426	5.04
ASA_GM1_1PNPDK20110724_135320_000008883104_00427_49148_4794.N1						SS1	H/H	104	49148	427	5.04
ASA_GM1_1PNPDK20110724_140718_000002773104_00427_49148_4825.N1						SS1	H/H	104	49148	427	5.04
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ASA_GM1_1PNPDK20110724_142209_000001203104_00427_49148_4827.N1						SS1	H/H	104	49148	427	5.04
ASA_GM1_1PNPDK20110724_142949_000002053104_00427_49148_4828.N1						SS1	H/H	104	49148	427	5.04
ASA_GM1_1PNPDK20110724_144734_000011363104_00427_49148_4830.N1						SS1	H/H	104	49148	427	5.04
ASA_GM1_1PNPDK20110724_151938_000003503104_00427_49148_4831.N1						SS1	H/H	104	49148	427	5.04
ASA_GM1_1PNPDK20110724_152726_000010883104_00428_49149_4833.N1						SS1	H/H	104	49149	428	5.04
ASA_GM1_1PNPDK20110724_154451_000001143104_00428_49149_4855.N1						SS1	H/H	104	49149	428	5.04
ASA_GM1_1PNPDK20110724_162748_000008283104_00428_49149_4857.N1						SS1	H/H	104	49149	428	5.04
ASA_GM1_1PNPDK20110724_170558_000009853104_00429_49150_4859.N1						SS1	H/H	104	49150	429	5.04
ASA_GM1_1PNPDK20110724_173642_000002053104_00429_49150_4870.N1						SS1	H/H	104	49150	429	5.04
ASA_GM1_1PNPDK20110724_180802_000007253104_00429_49150_4872.N1						SS1	H/H	104	49150	429	5.04
ASA_GM1_1PNPDK20110724_184637_000008283104_00430_49151_4874.N1						SS1	H/H	104	49151	430	5.04
ASA_GM1_1PNPDK20110724_185919_000001993104_00430_49151_4892.N1						SS1	H/H	104	49151	430	5.04
ASA_GM1_1PNPDK20110724_194816_000007253104_00430_49151_4894.N1						SS1	H/H	104	49151	430	5.04
ASA_GM1_1PNPDK20110724_201540_000009853104_00430_49151_4895.N1						SS1	H/H	104	49151	430	5.04
ASA_GM1_1PNPDK20110724_203531_000000963104_00431_49152_4896.N1						SS1	H/H	104	49152	431	5.04
ASA_GM1_1PNPDE20110724_220431_000004283105_00001_49153_0989.N1						SS1	H/H	105	49153	1	5.04
ASA_GM1_1PNPDE20110724_222846_000004223105_00001_49153_1010.N1						SS1	H/H	105	49153	1	5.04
ASA_GM1_1PNPDE20110724_230845_000000783105_00001_49153_1009.N1						SS1	H/H	105	49153	1	5.04





Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20110724_023951_000002113104_00420_49141_0740.N1						IS6	H/H	104	49141	420	5.04
ASA_IMM_1PNPDE20110724_055516_000005213104_00422_49143_0826.N1						IS6	H/H	104	49143	422	5.04
ASA_IMM_1PNPDE20110724_091856_000000673104_00424_49145_0892.N1						IS6	H/H	104	49145	424	5.04
ASA_IMM_1PNPDE20110724_114824_000000523104_00425_49146_0943.N1						IS6	H/H	104	49146	425	5.04
ASA_IMM_1PNPDE20110724_160146_000000753104_00428_49149_0958.N1						IS6	H/H	104	49149	428	5.04
ASA_IMM_1PNPDE20110724_174006_000002083104_00429_49150_0971.N1						IS2	V/V	104	49150	429	5.04
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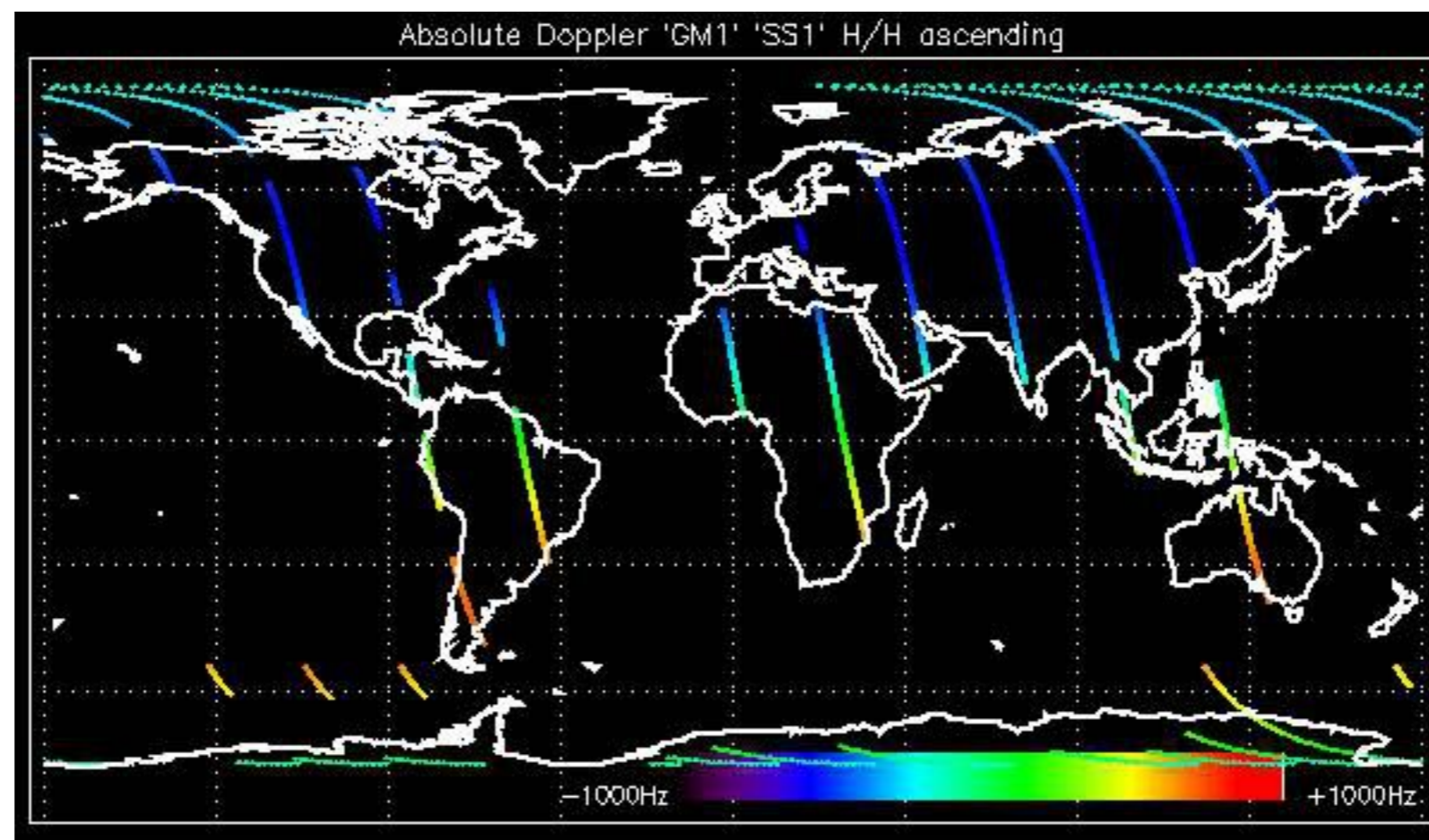
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ASA_MS__0PNPDE20110724_231012_000000163105_00001_49153_0357.N1	V			2011-07-24	23:10:12	320	

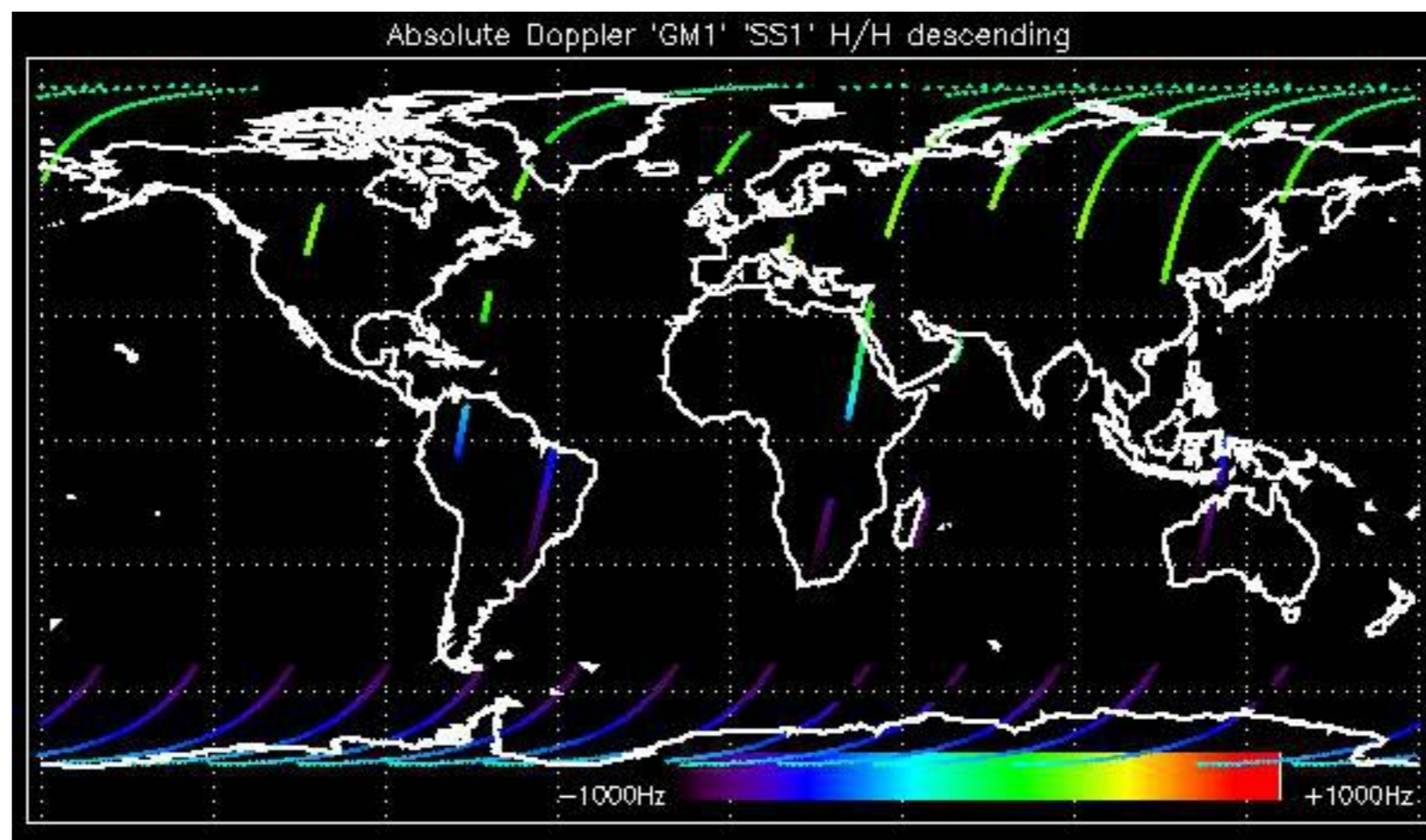
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20110723_235813_000003923104_00418_49139_0688.N1						SS1	H/H	104	49139	418	5.04
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0738.N1						SS1	H/H	104	49140	419	5.04
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0718.N1						SS1	H/H	104	49140	419	5.04
ASA_WSM_1PNPDE20110724_003524_000005693104_00419_49140_0739.N1						SS1	H/H	104	49140	419	5.04
ASA_WSM_1PNPDE20110724_013812_000003923104_00419_49140_0715.N1						SS1	H/H	104	49140	419	5.04
ASA_WSM_1PNPDE20110724_024358_000001353104_00420_49141_0741.N1						SS1	V/V	104	49141	420	5.04
ASA_WSM_1PNPDE20110724_031720_000003923104_00420_49141_0780.N1						SS1	H/H	104	49141	420	5.04
ASA_WSM_1PNPDE20110724_045617_000003923104_00421_49142_0820.N1						SS1	H/H	104	49142	421	5.04
ASA_WSM_1PNPDK20110724_063437_000004893104_00422_49143_4678.N1						SS1	H/H	104	49143	422	5.04
ASA_WSM_1PNPDK20110724_072033_000000923104_00423_49144_4677.N1						SS1	H/H	104	49144	423	5.04
ASA_WSM_1PNPDK20110724_081756_000003123104_00423_49144_4694.N1						SS1	H/H	104	49144	423	5.04
ASA_WSM_1PNPDK20110724_085932_000000923104_00424_49145_4696.N1						SS1	H/H	104	49145	424	5.04
ASA_WSM_1PNPDE20110724_090745_000002453104_00424_49145_0888.N1						SS1	H/H	104	49145	424	5.04
ASA_WSM_1PNPDE20110724_091244_000002323104_00424_49145_0889.N1						SS1	V/V	104	49145	424	5.04
ASA_WSM_1PNPDK20110724_091405_000001533104_00424_49145_4698.N1						SS1	V/V	104	49145	424	5.04
ASA_WSM_1PNPDE20110724_092736_000001593104_00424_49145_0894.N1						SS1	V/V	104	49145	424	5.04
ASA_WSM_1PNPDE20110724_095804_000003923104_00424_49145_0922.N1						SS1	H/H	104	49145	424	5.04
ASA_WSM_1PNPDE20110724_110401_000003123104_00425_49146_0920.N1						SS1	H/H	104	49146	425	5.04
ASA_WSM_1PNPDE20110724_113753_000003923104_00425_49146_0944.N1						SS1	H/H	104	49146	425	5.04
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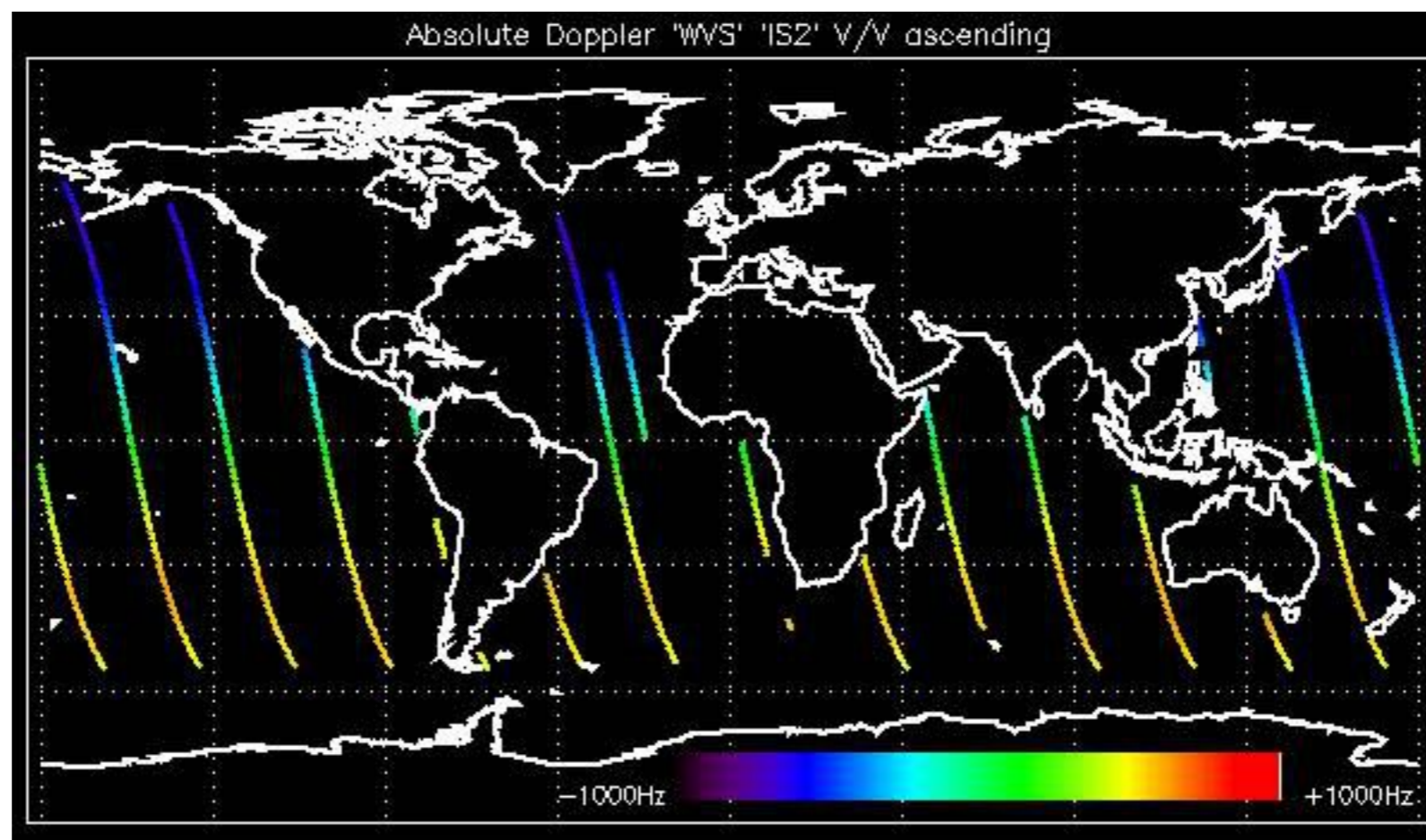
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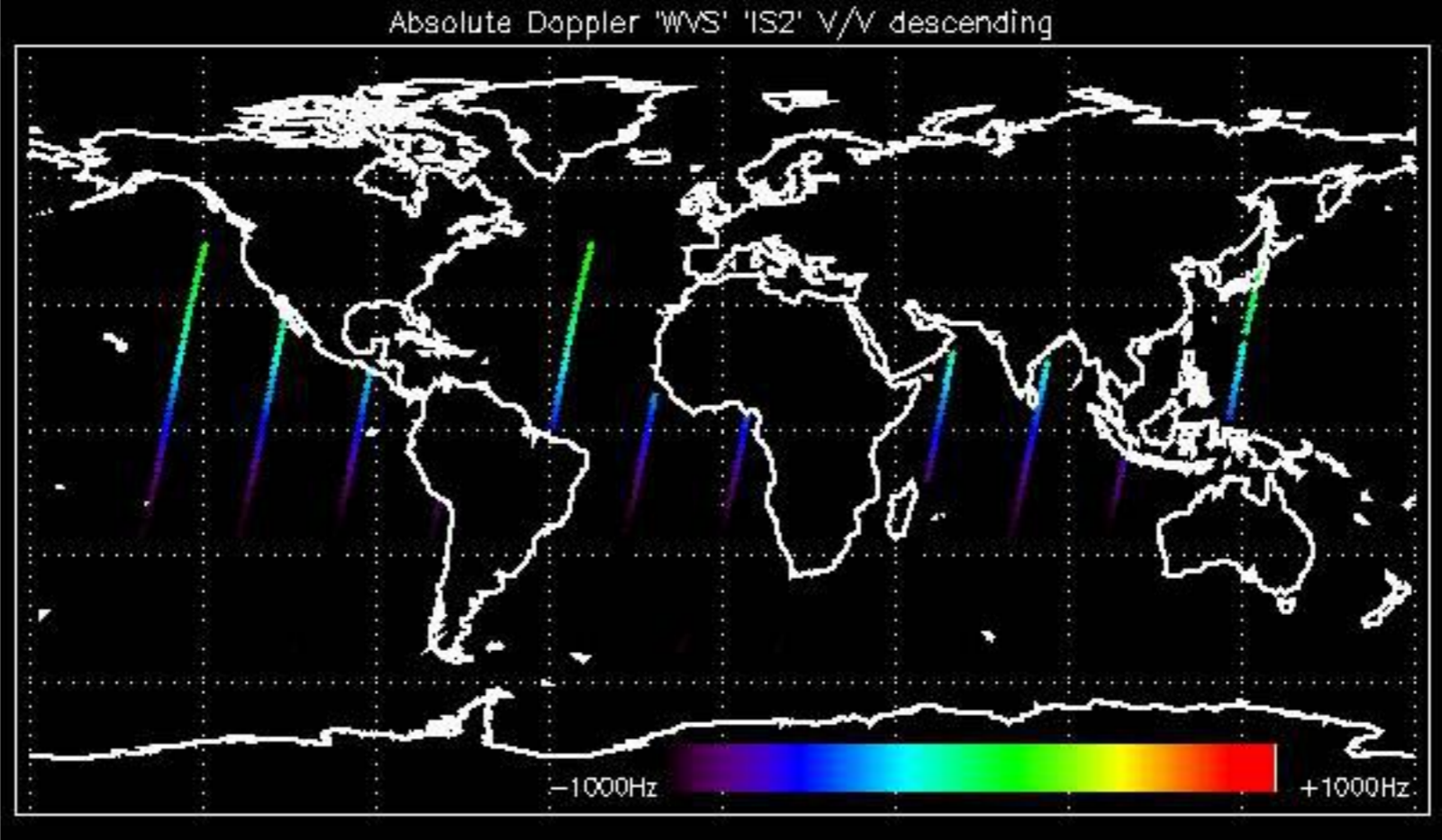




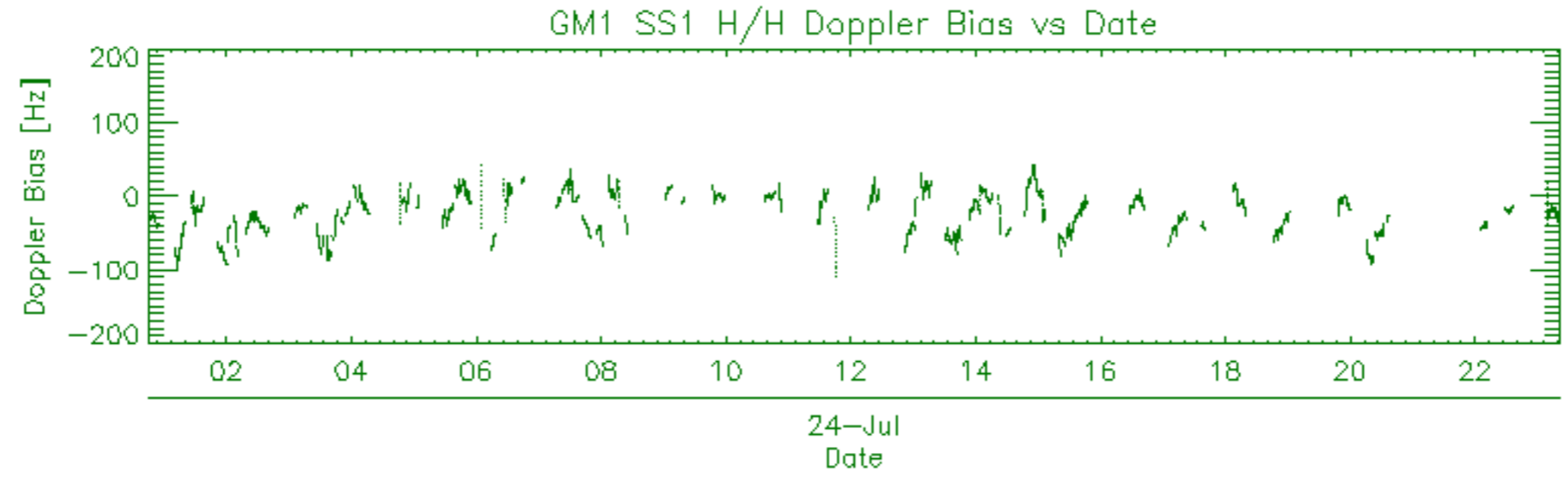
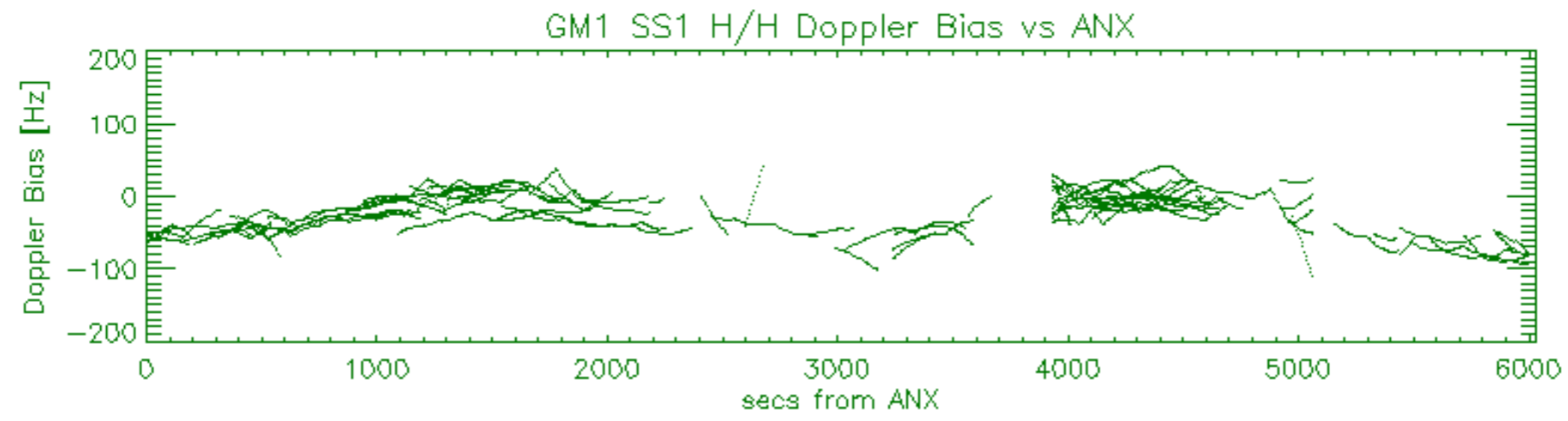
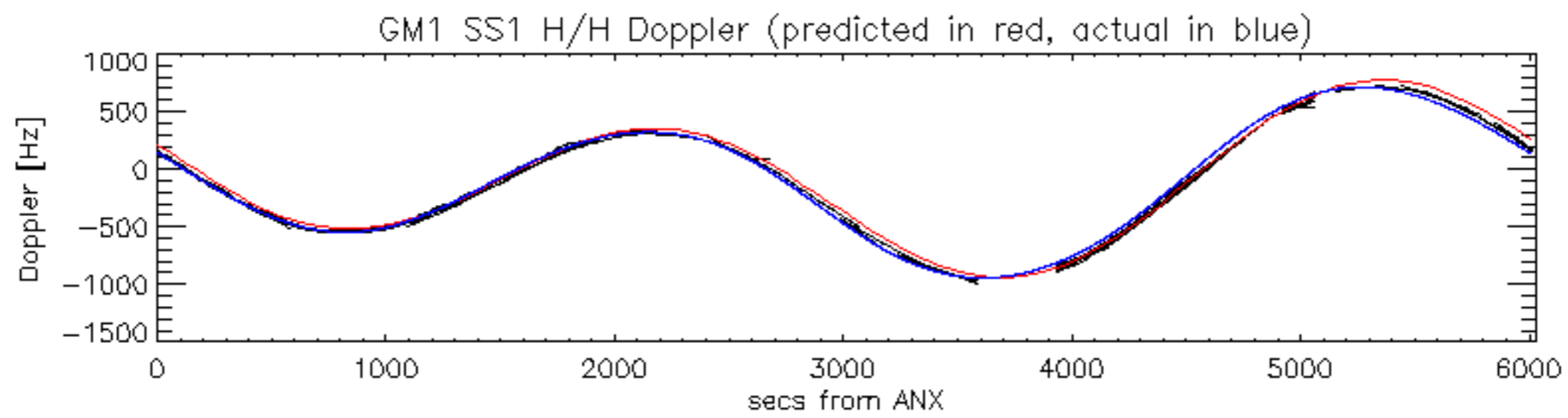


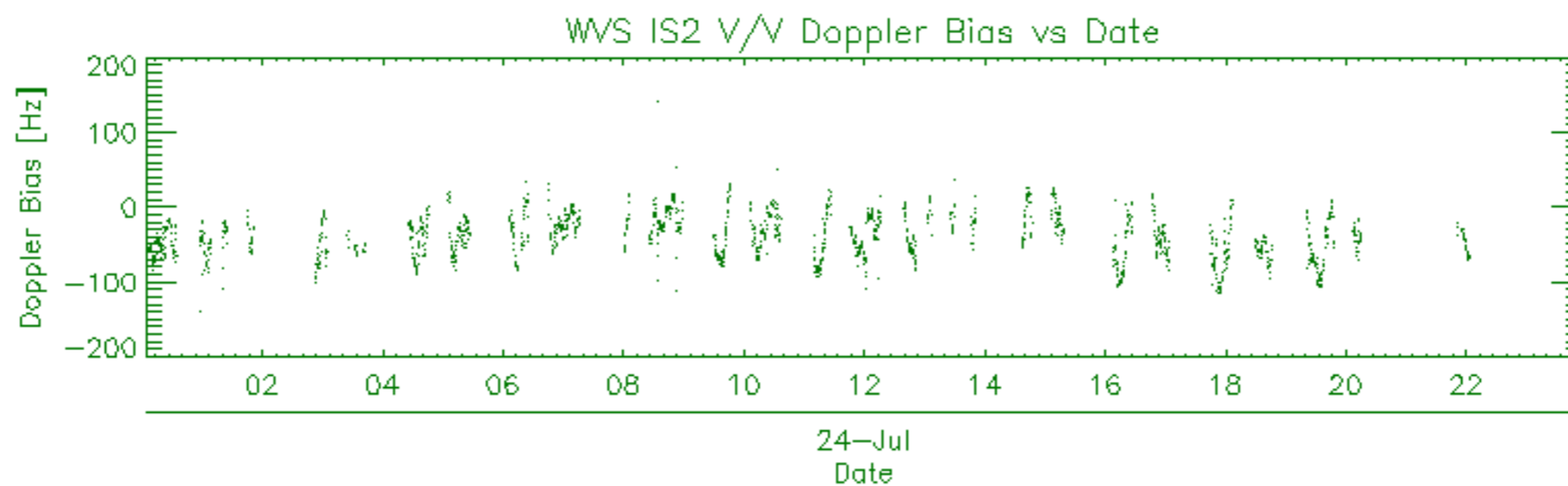
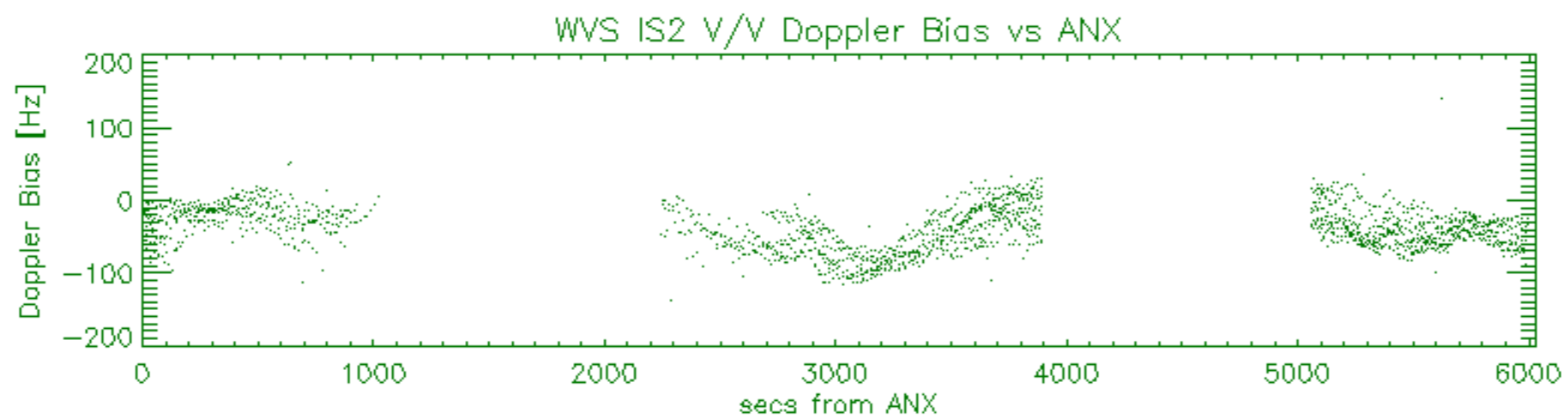
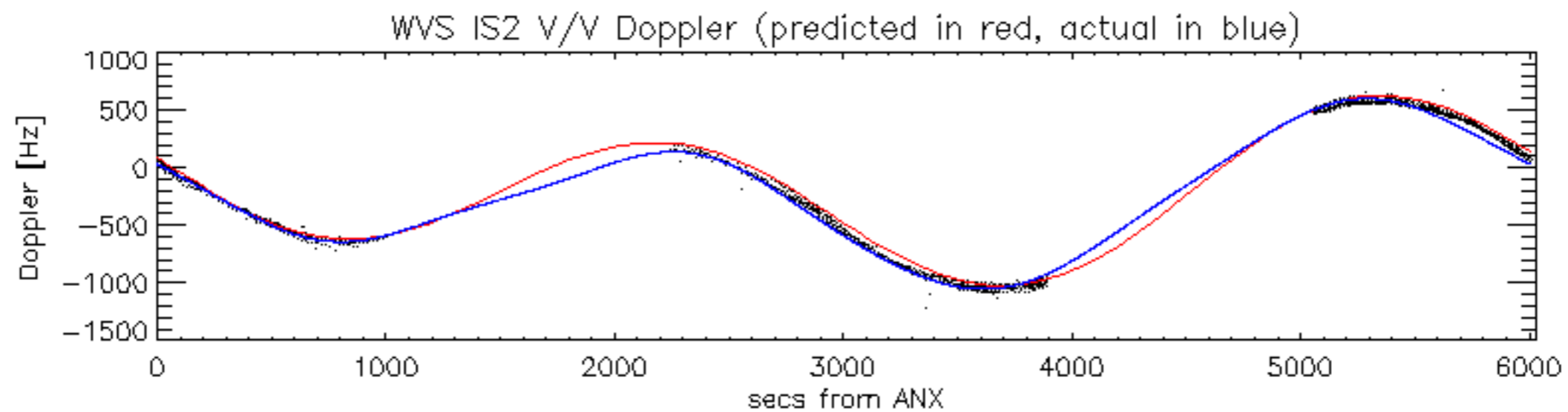


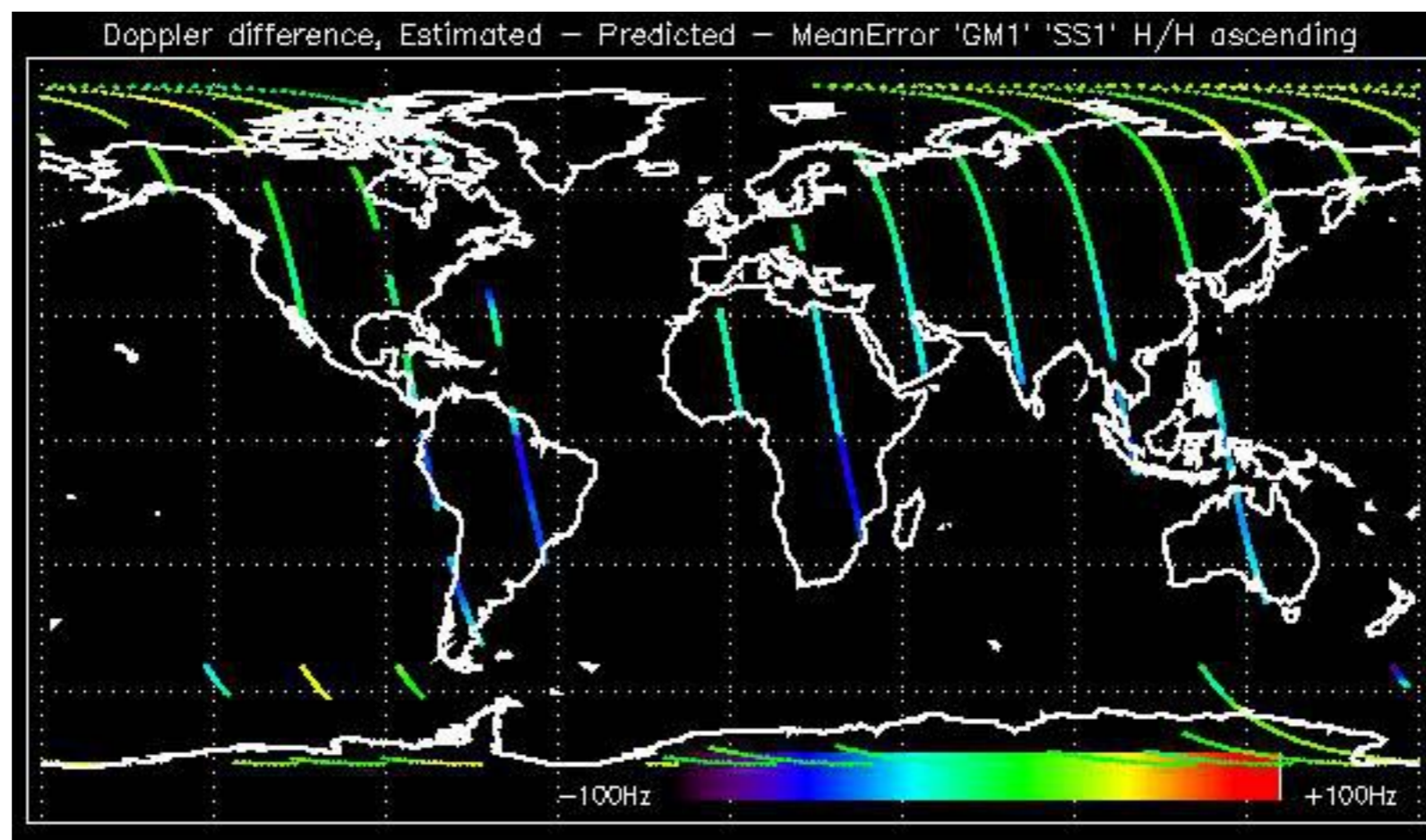


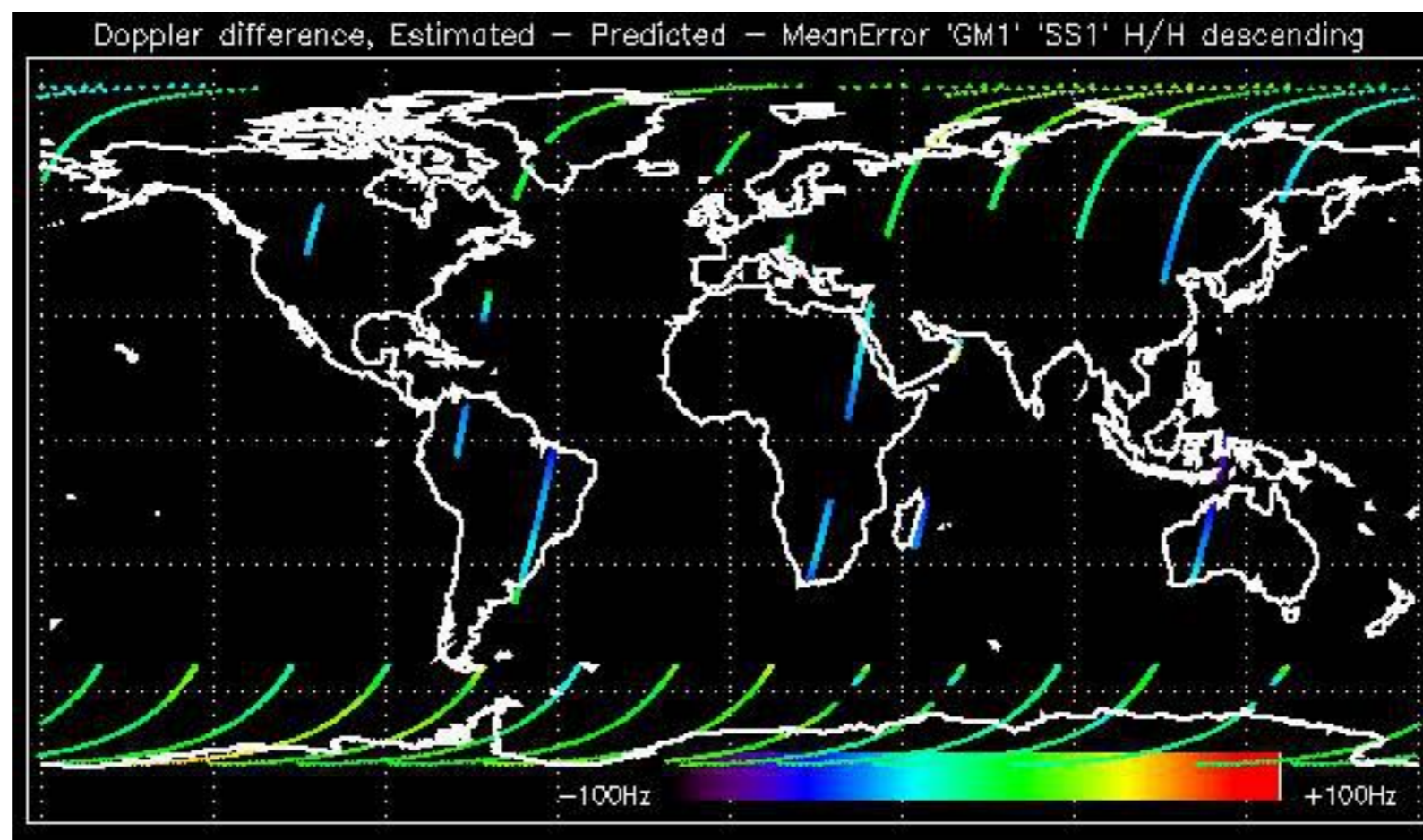




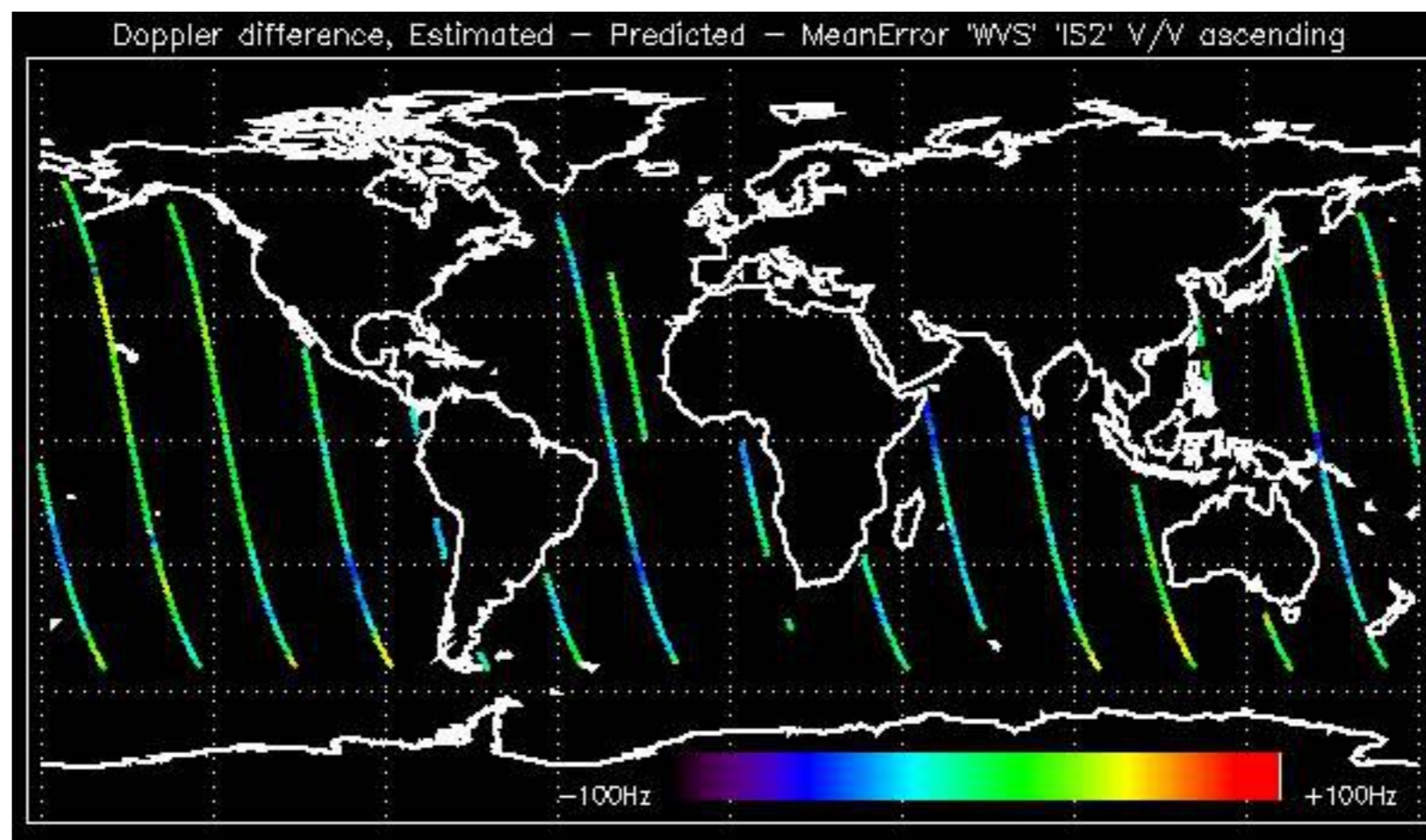




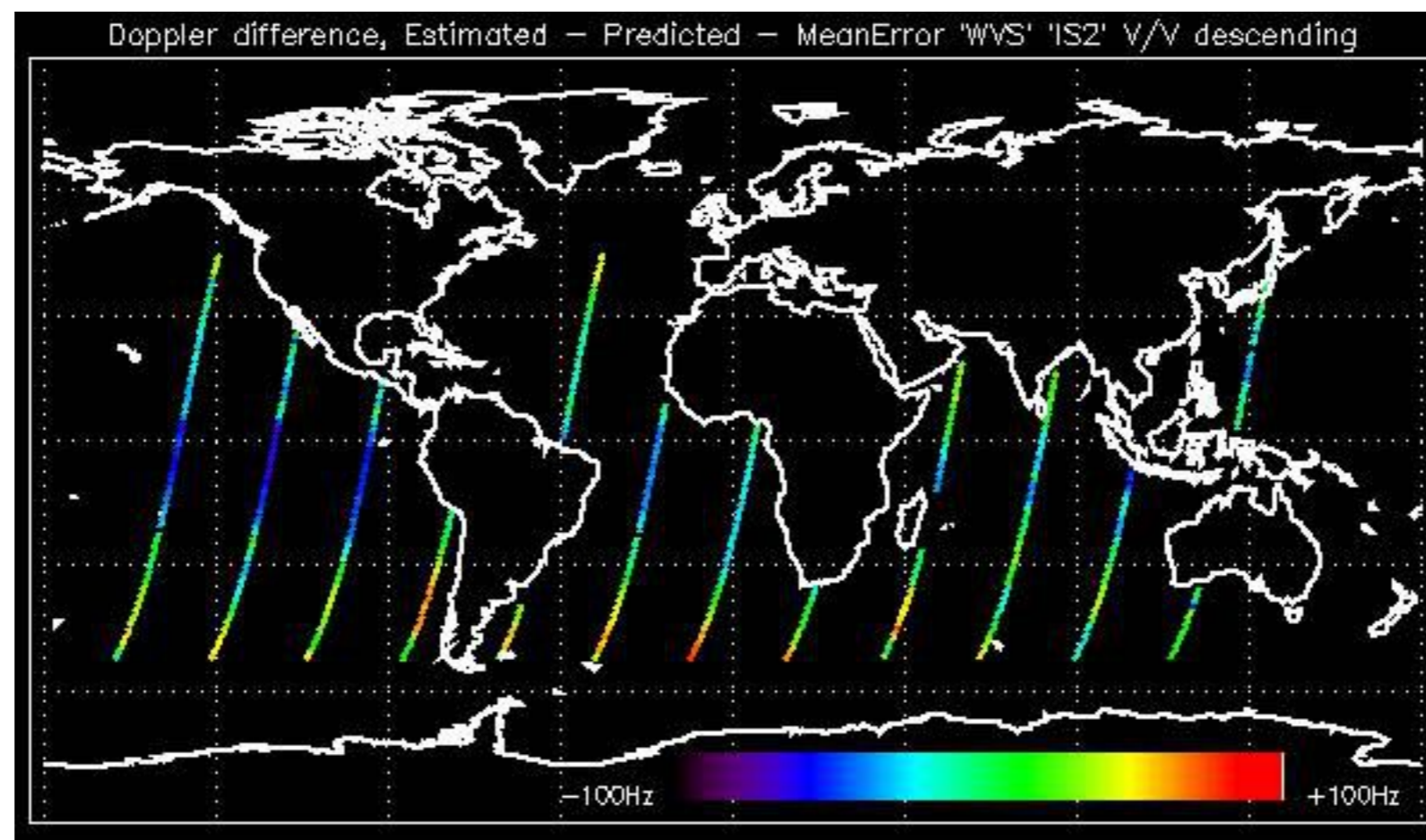


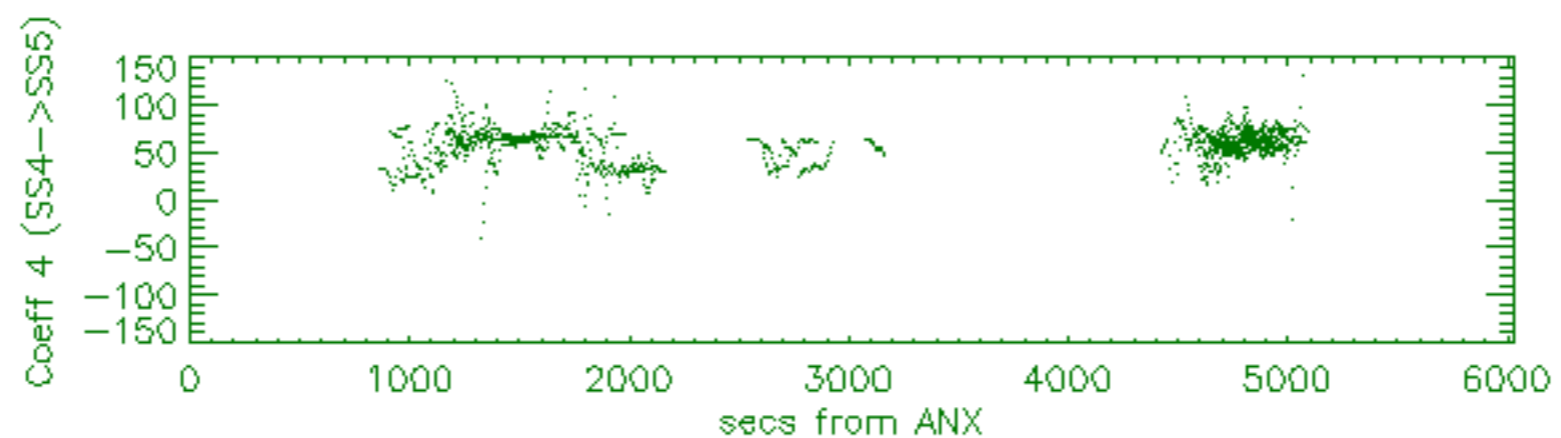
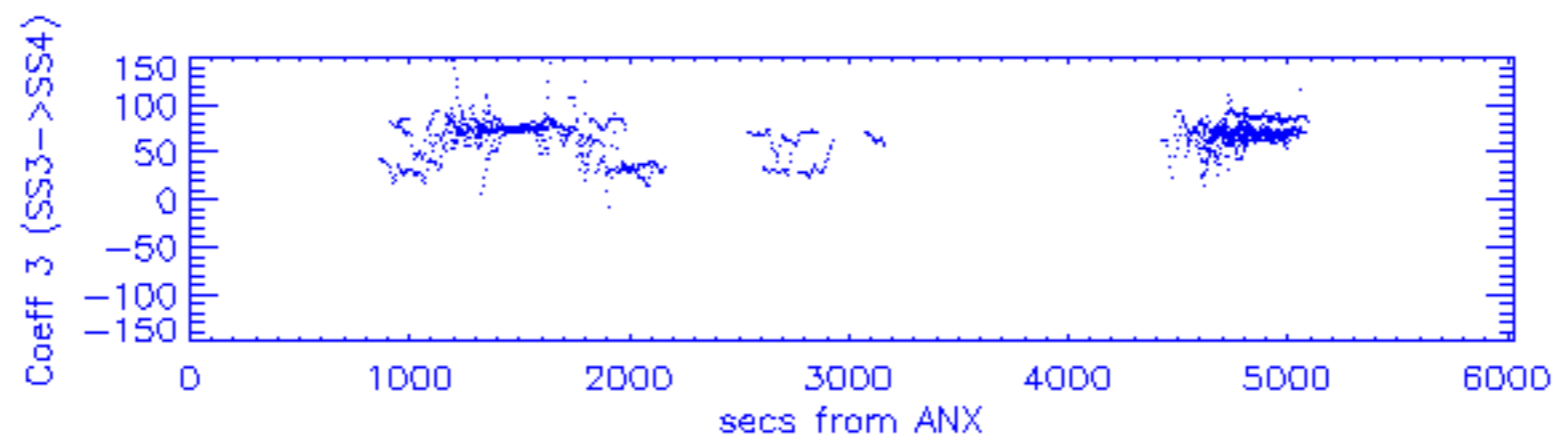
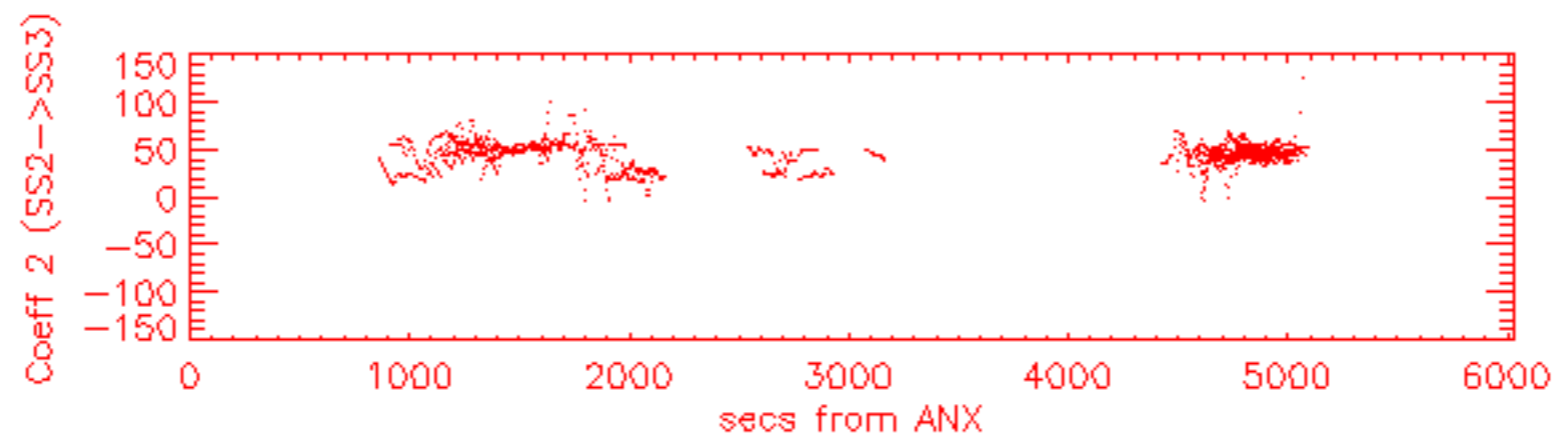
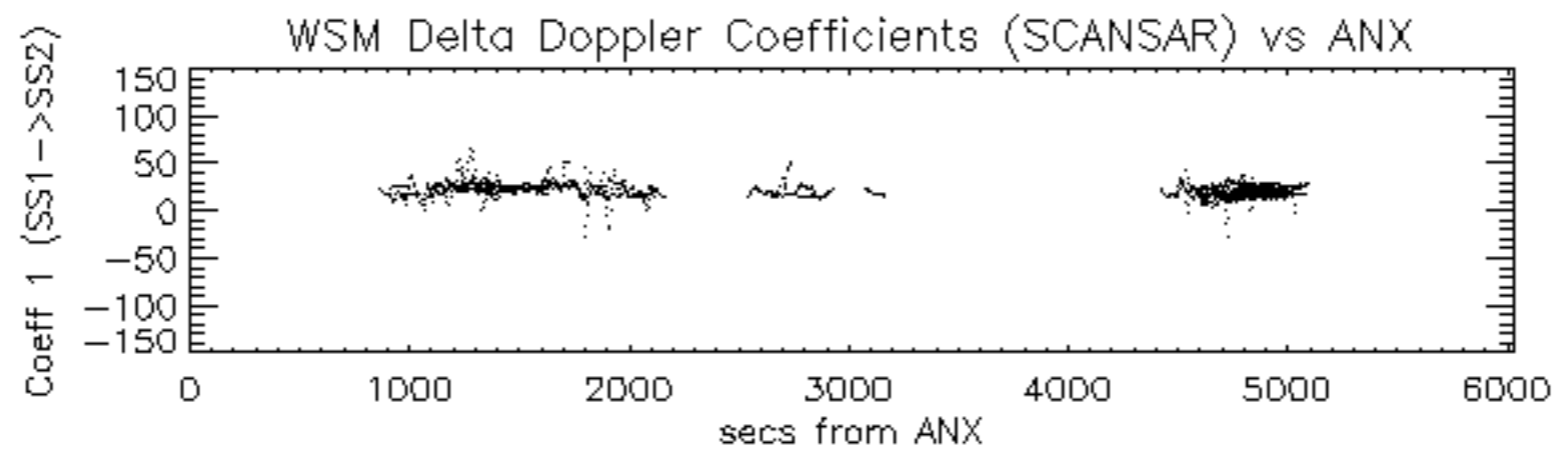


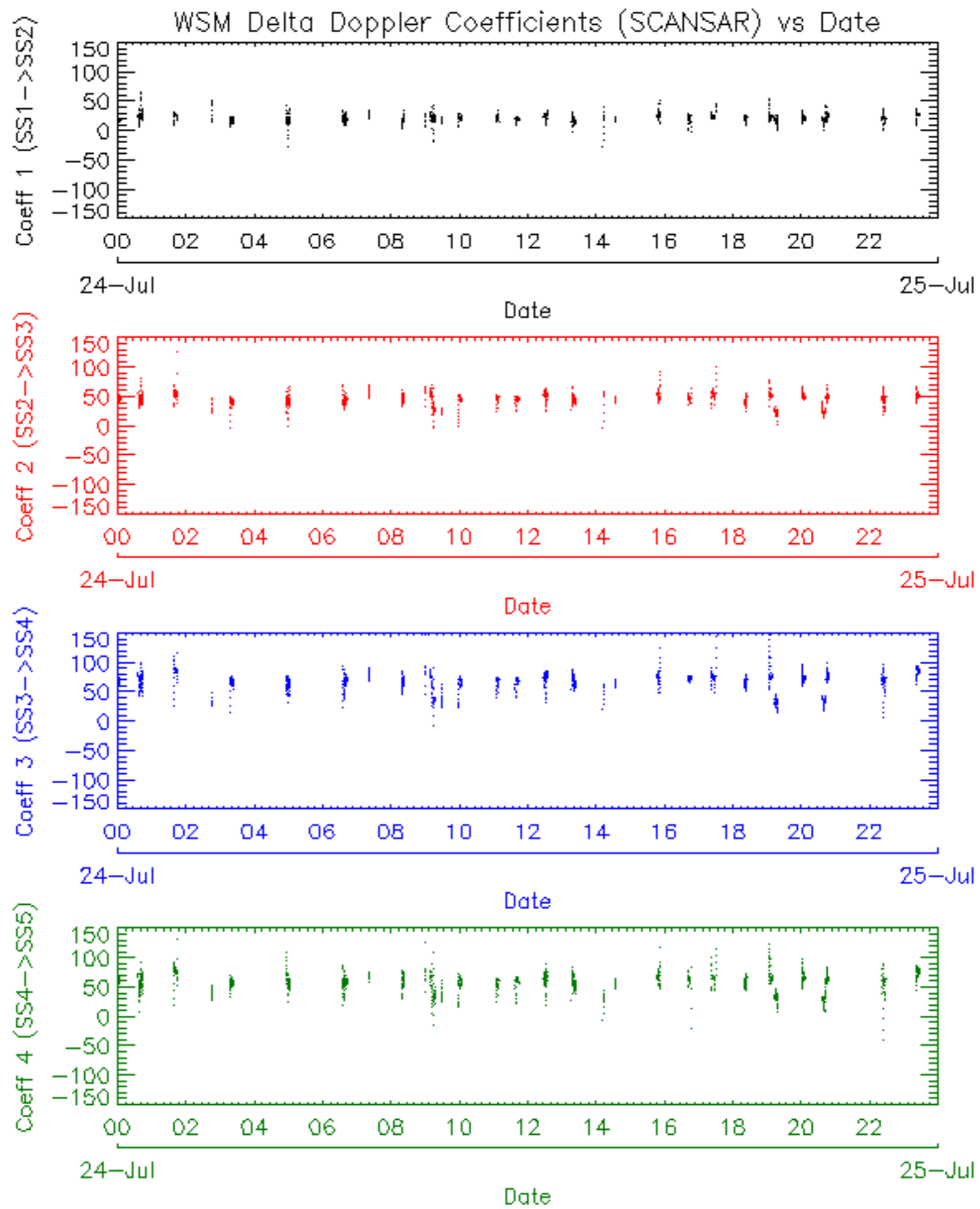






















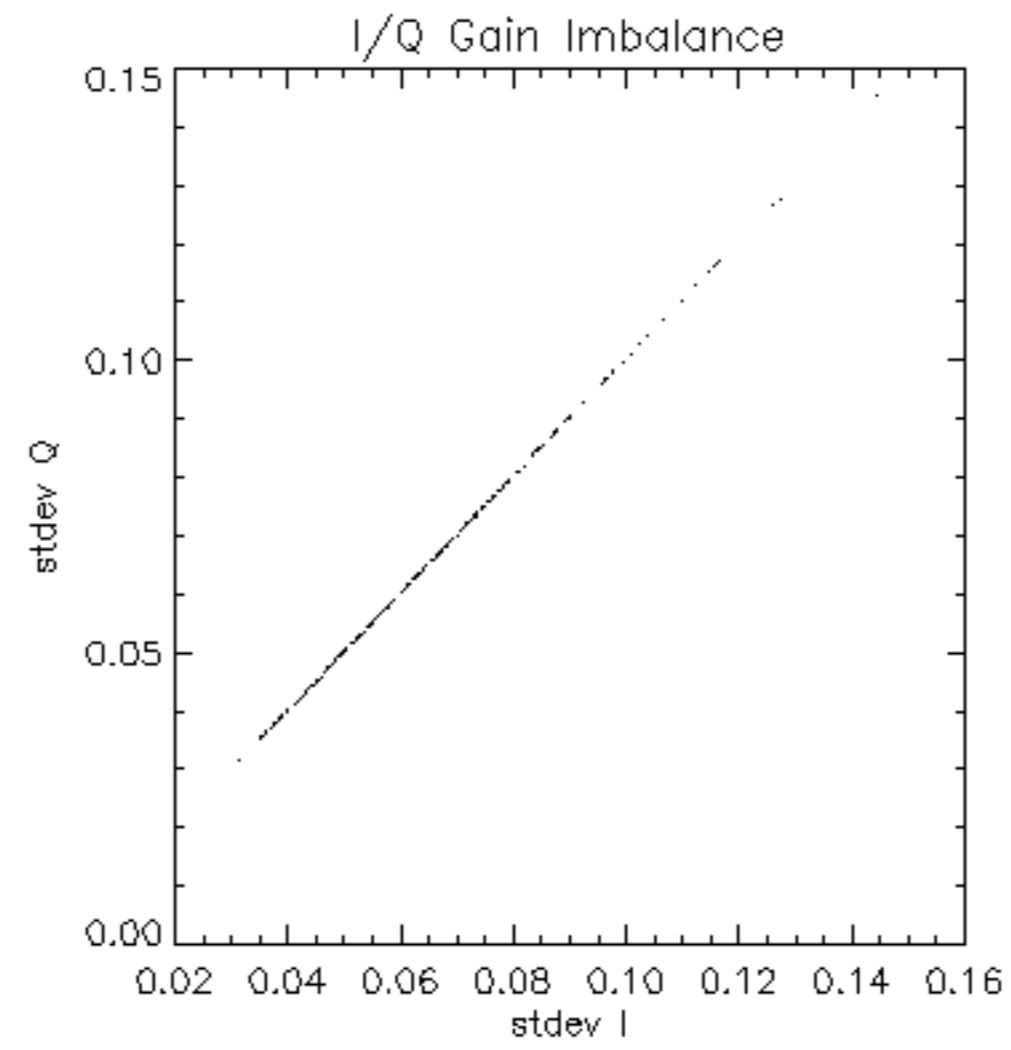


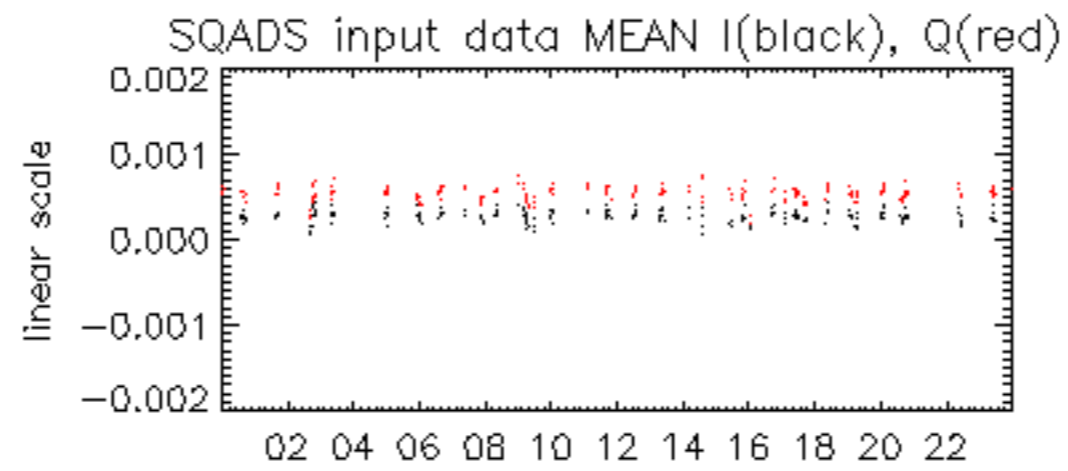




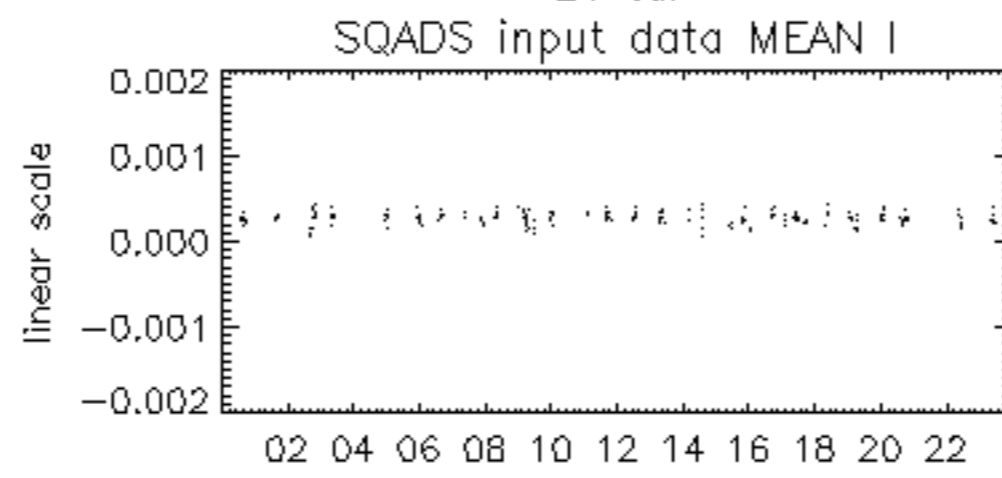




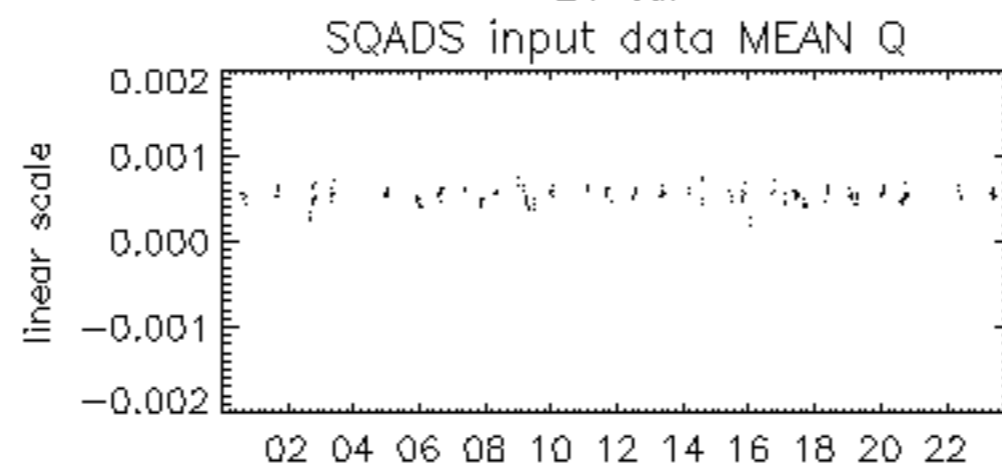




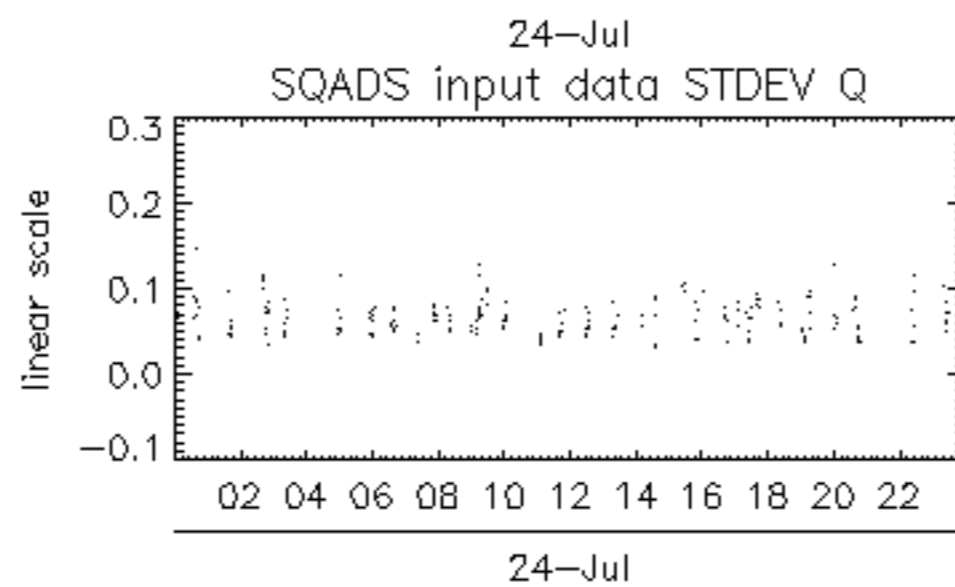
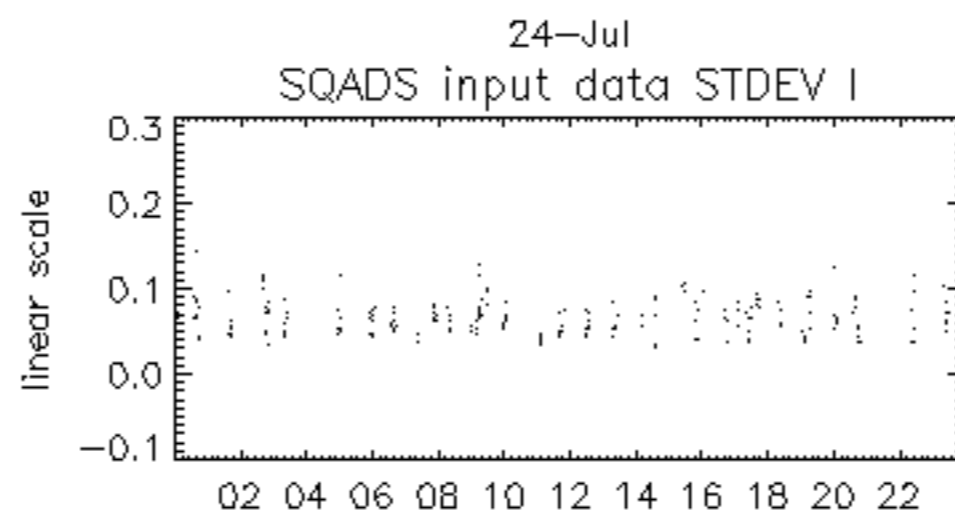
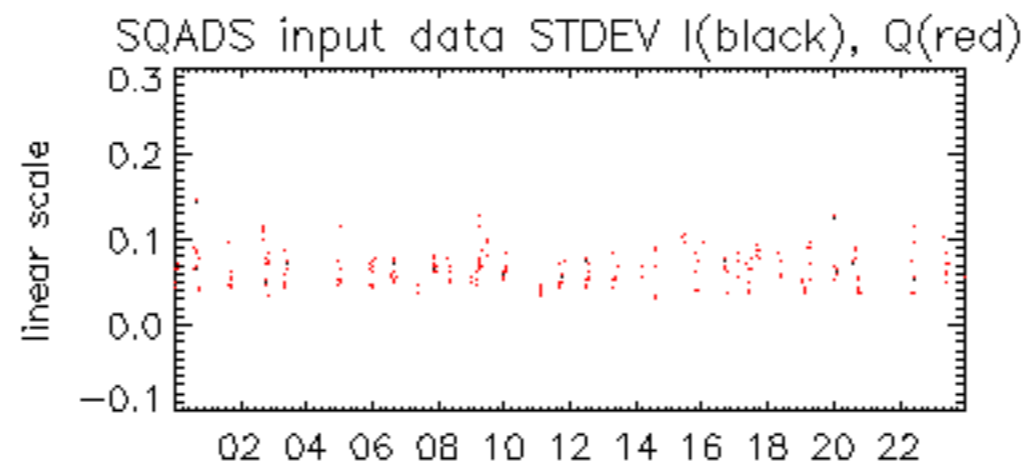
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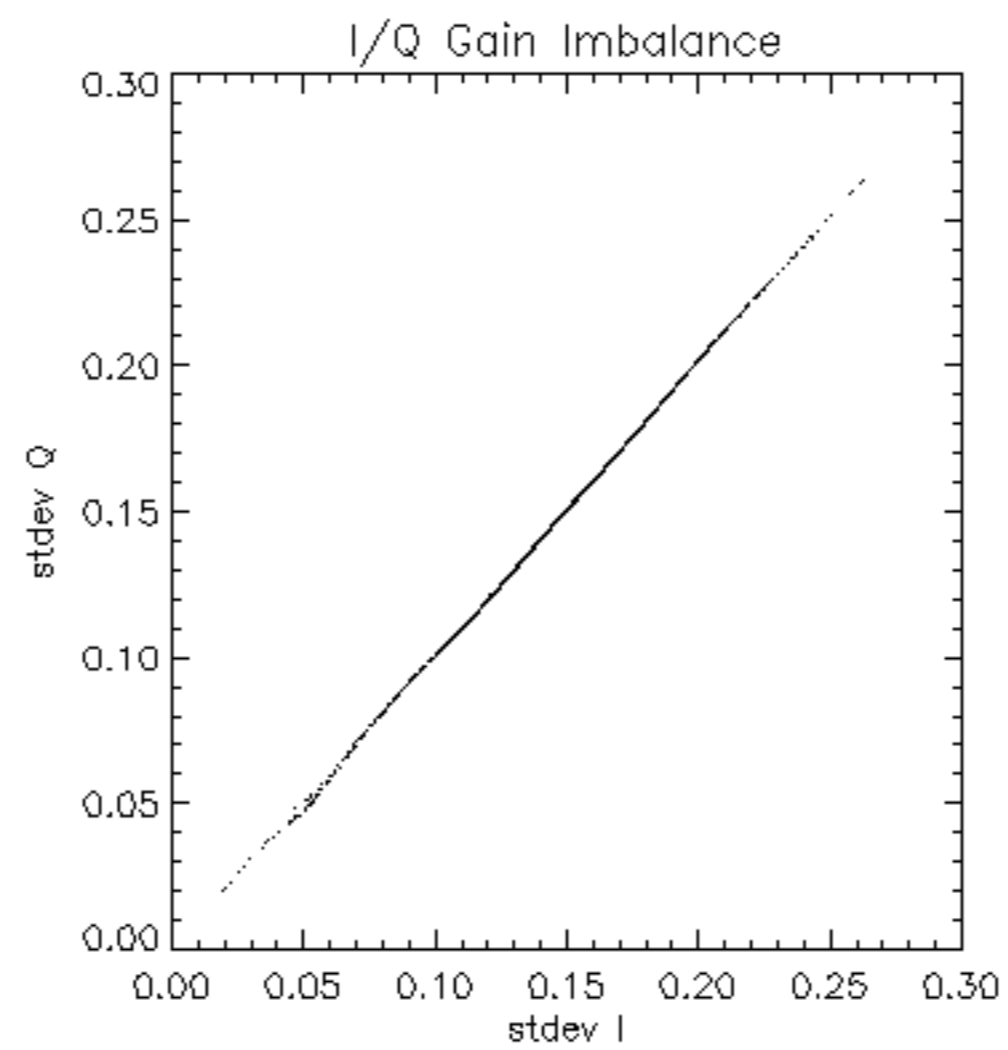


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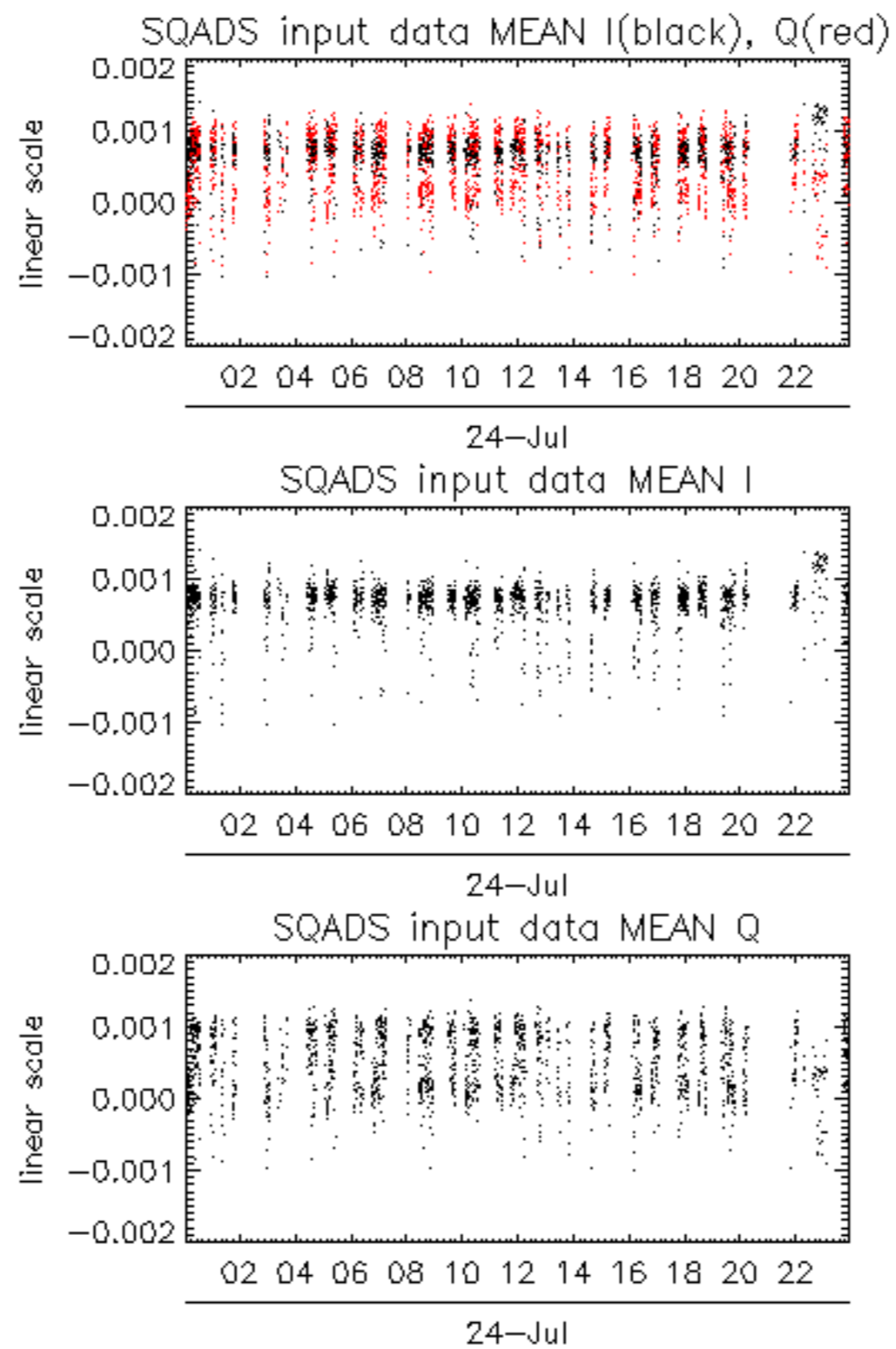


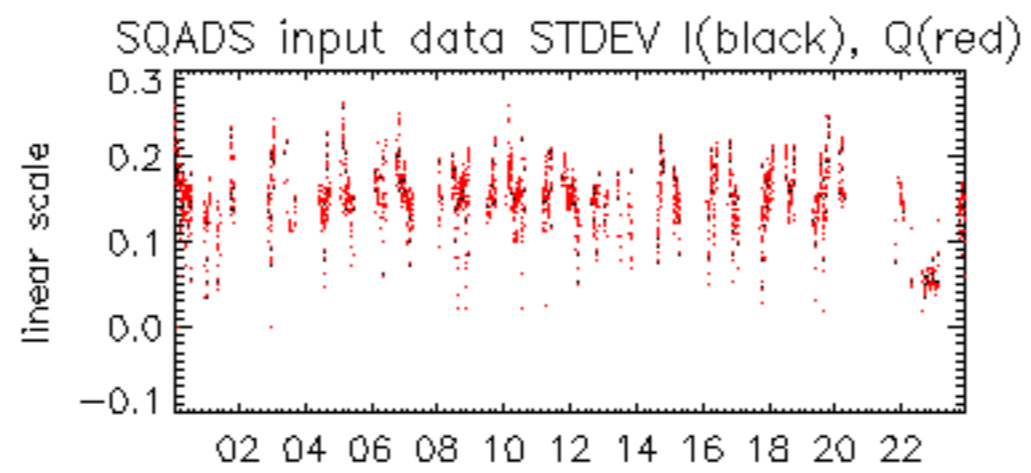
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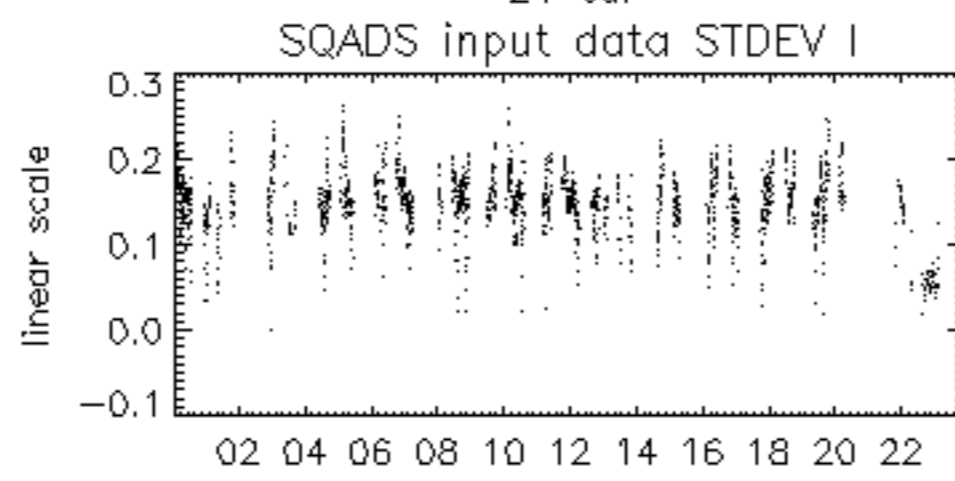




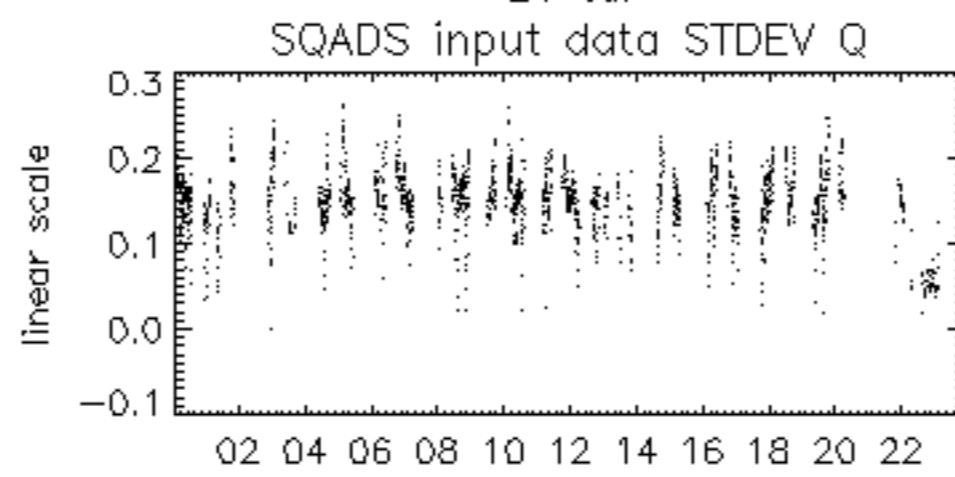




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24-Jul



