



Analysis from 07-DEC-2010 00:00:00 to 07-DEC-2010 23:59:59. Page generated on 08-DEC-2010 07:32:11.  
View log file: ASAR\_Daily\_Report\_20101208\_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

## SUMMARY

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ [BACK TO MENU](#) ]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS2	H/H	1	PDE	WS	H/H	30					PDE	IS2	V/V	1	PDE	WS	H/H	32	PDK	2010-12-07 18:01:53	V	320
PDE	IS4	H/H	2	PDK	WS	H/H	50					PDE	IS4	H/H	1	PDE	WS	V/V	8				
PDK	IS4	H/H	4									PDE	IS4	V/V	1	PDK	WS	H/H	16				
												PDE	IS6	H/H	3	PDK	WS	V/V	4				
												PDE	IS6	V/V	1								

## 1.2 - Lists of products used

[ [BACK TO MENU](#) ]

[TXT] [XLS] [List\\_WVS\\_products\\_used](#)

[TXT] [XLS] [List\\_GM1\\_products\\_used](#)

[TXT] [XLS] [List\\_IMM\\_products\\_used](#)

[TXT] [XLS] [List\\_WSM\\_products\\_used](#)

[TXT] [XLS] [List\\_MS\\_products\\_used](#)

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ [BACK TO MENU](#) ]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20101028_095209_20101022_000000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_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
IMM	0	0	0	0
WSM	0	0	0	0

[TXT] [XLS] [Check\\_ADFs\\_WVS](#)

[TXT] [XLS] [Check\\_ADFs\\_GM1](#)

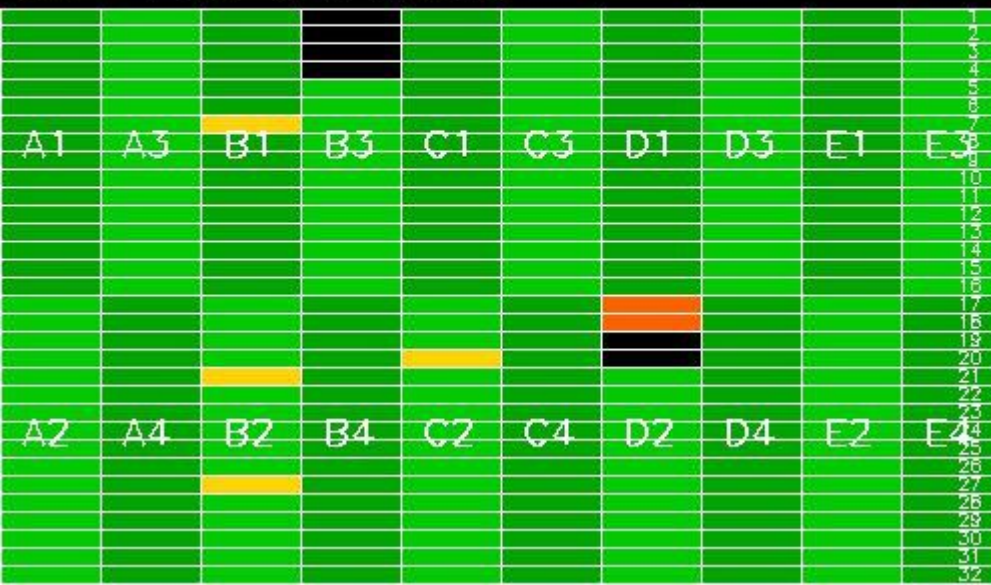
[TXT] [XLS] [Check\\_ADFs\\_IMM](#)

[TXT] [XLS] [Check\\_ADFs\\_WSM](#)

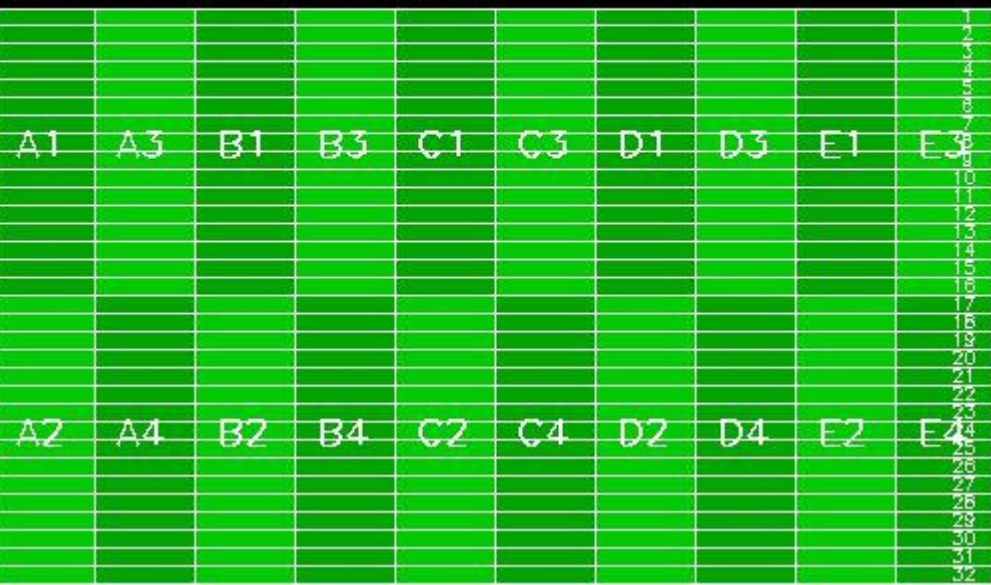
## 3 - MODULE STEPPING PRODUCTS ANALYSIS

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

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2010-12-07 18:01:53 V



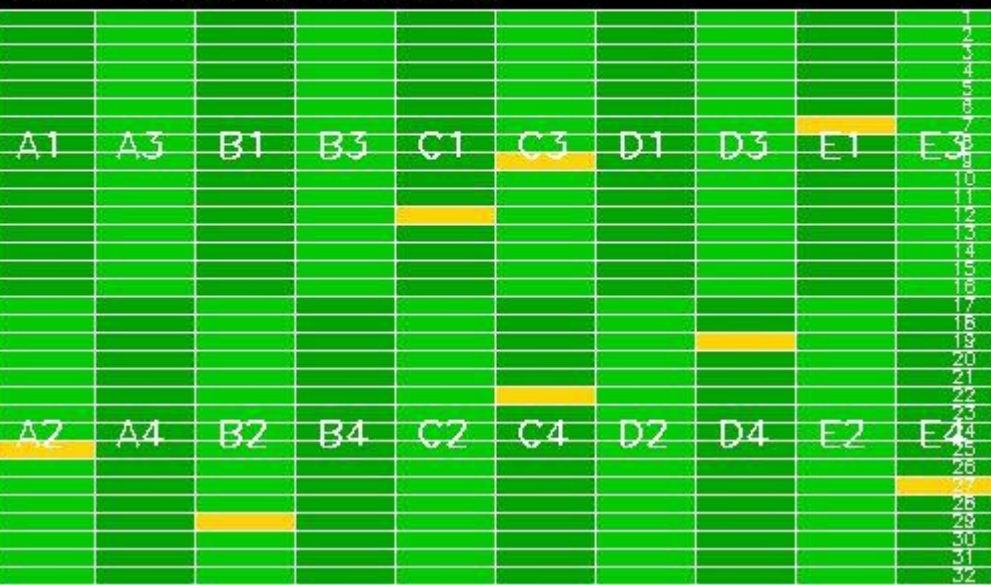
Reference: 2010-12-06 18:38:37 V RxGain  
 Test : 2010-12-07 18:01:53 V



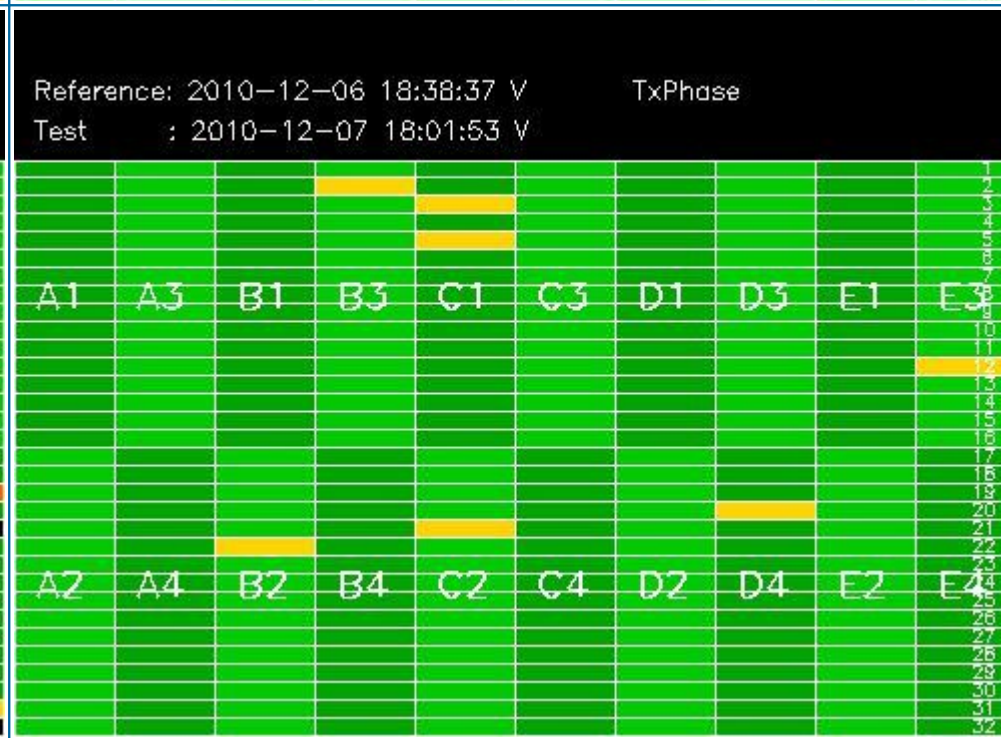
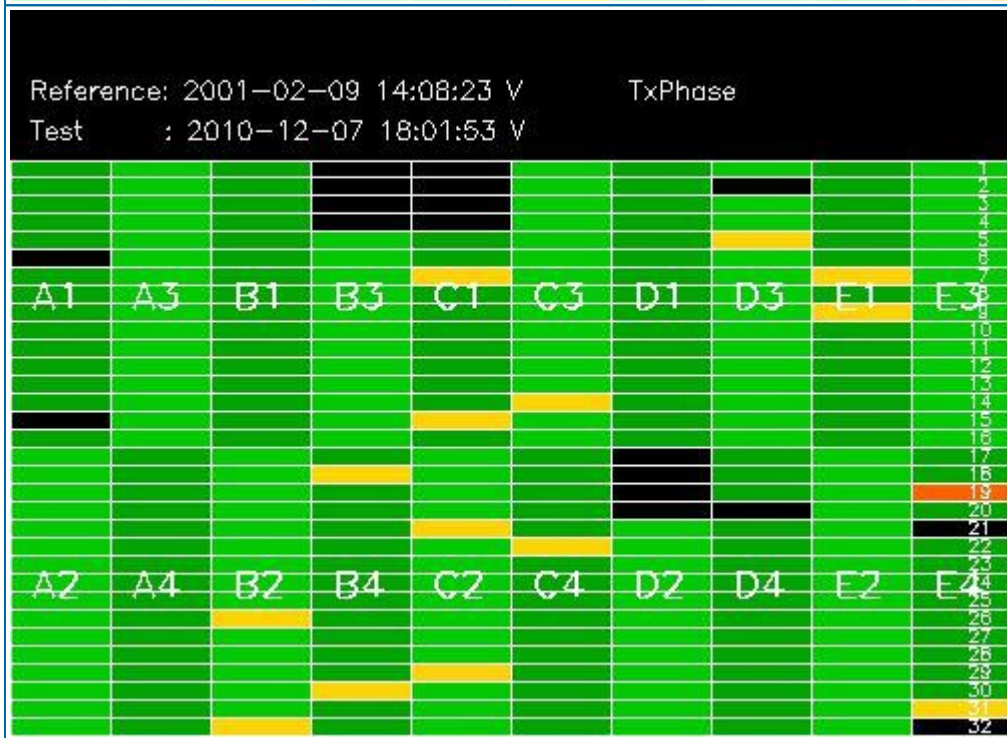
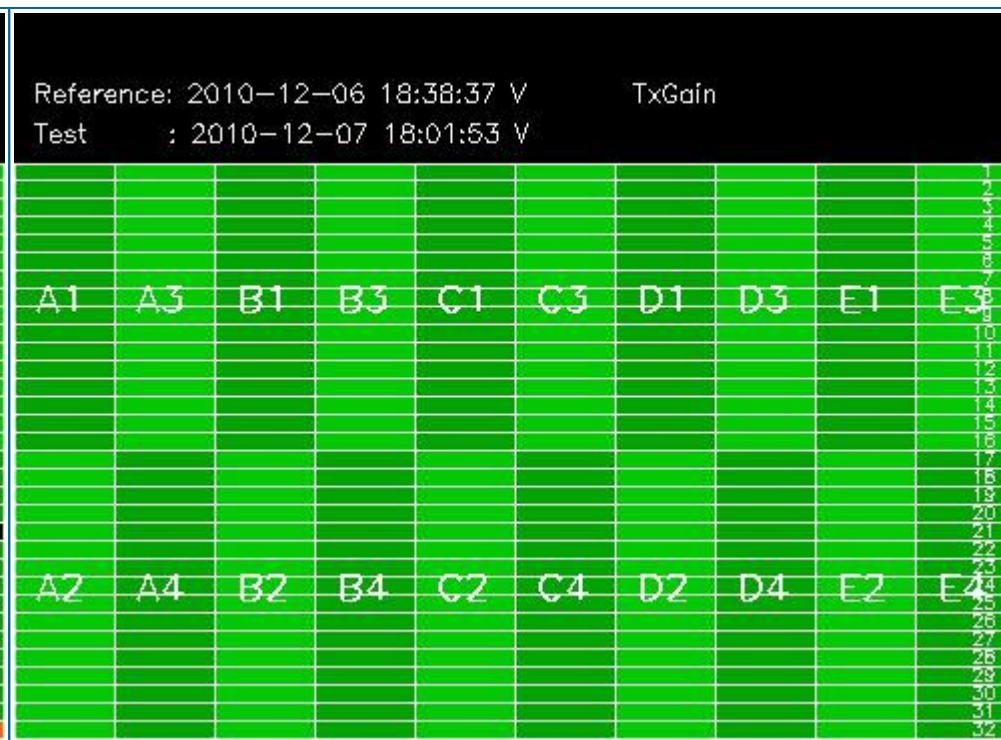
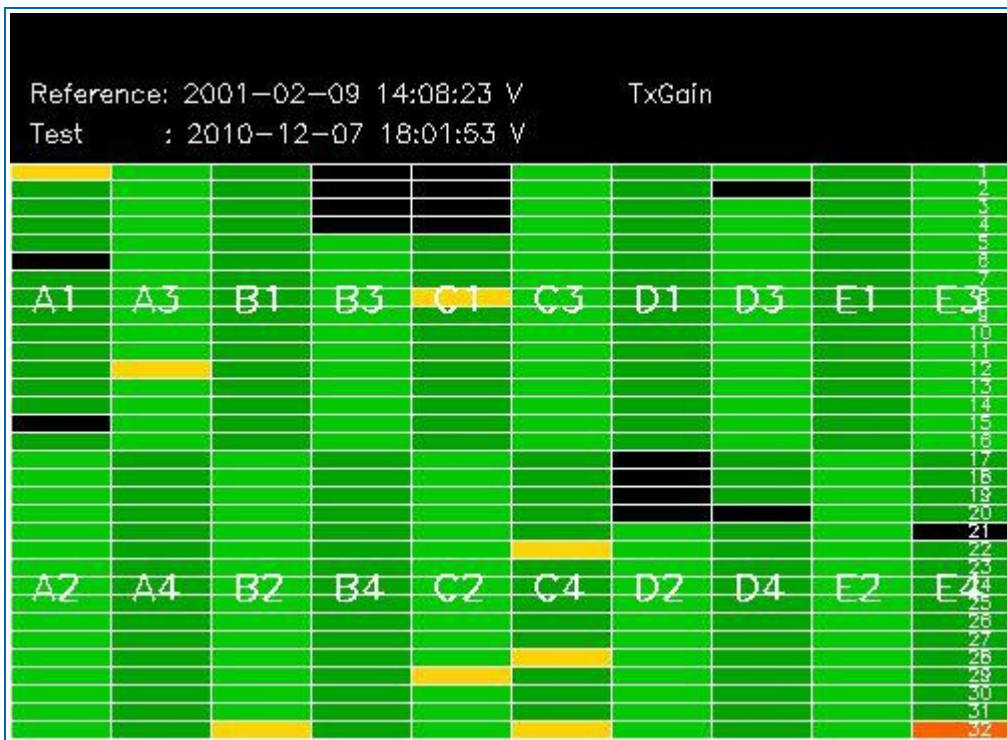
Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2010-12-07 18:01:53 V



Reference: 2010-12-06 18:38:37 V RxPhase  
 Test : 2010-12-07 18:01:53 V







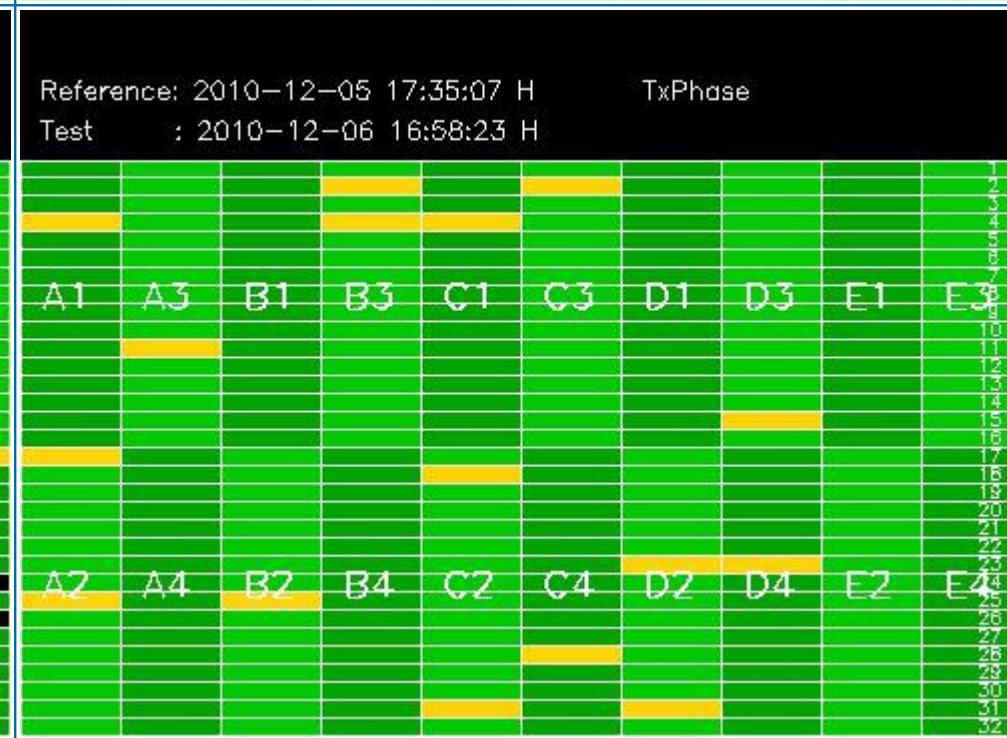
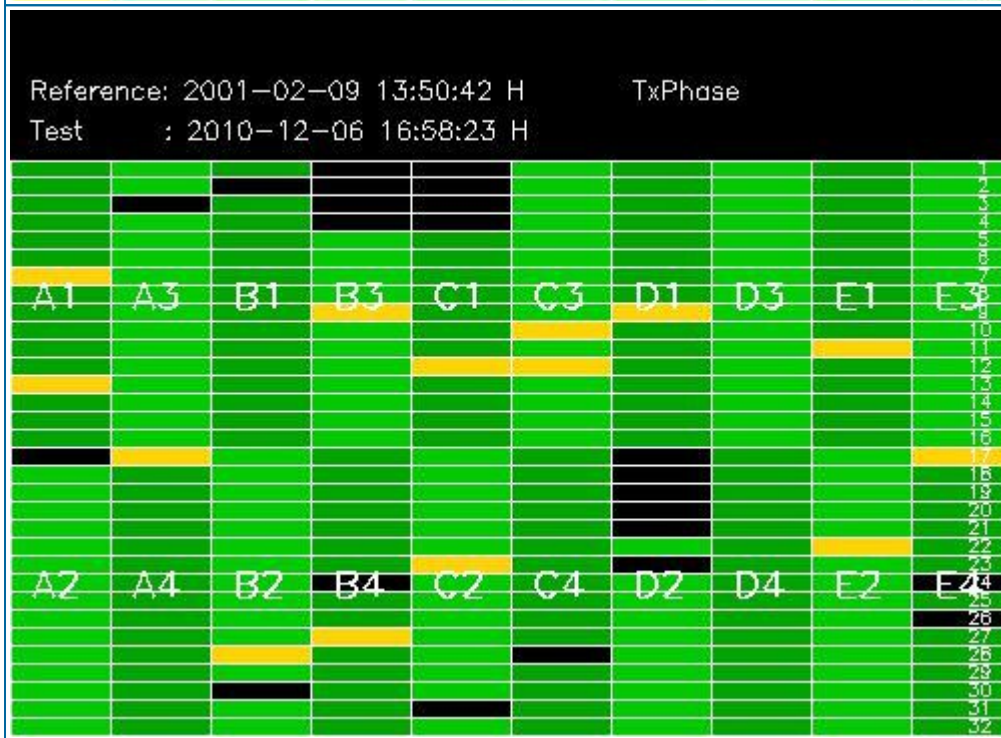
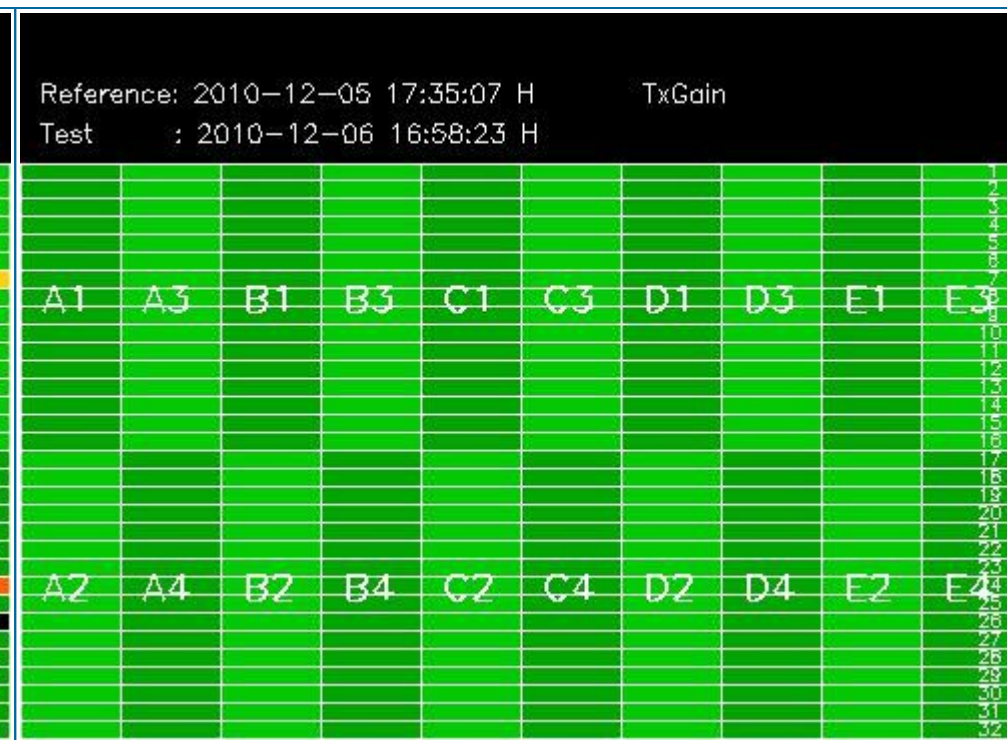
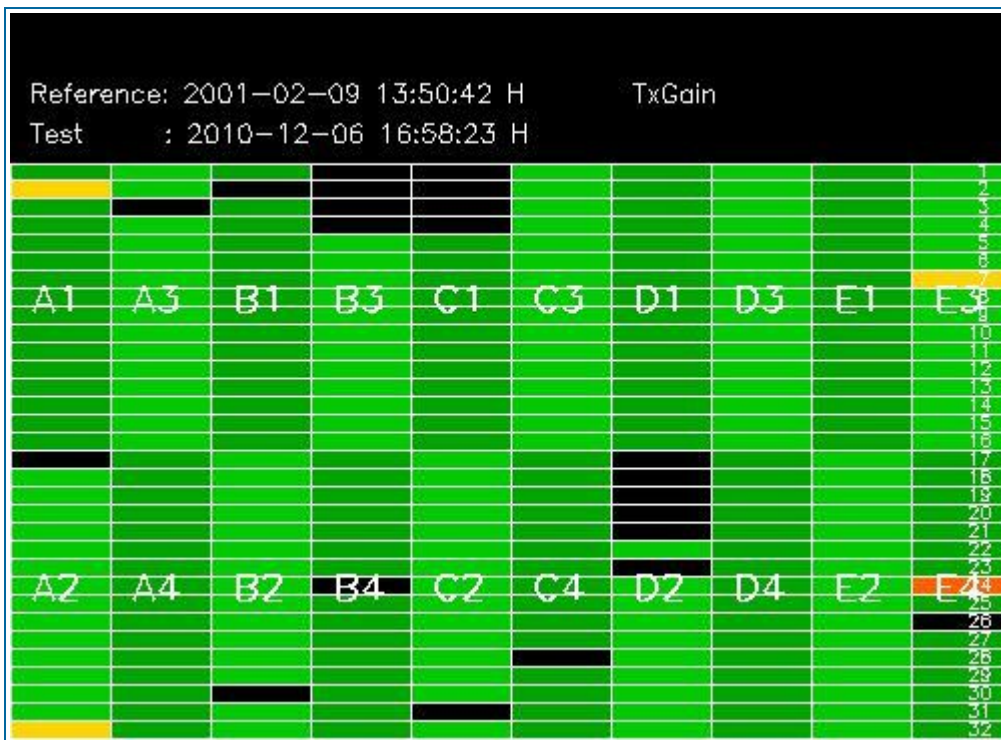
### 3.2 - H/H polarisation

[ [BACK TO MENU](#) ]

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







## 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]



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

[ BACK TO MENU ]



## 4.2 - Analysis for GM1 SS3 H/H

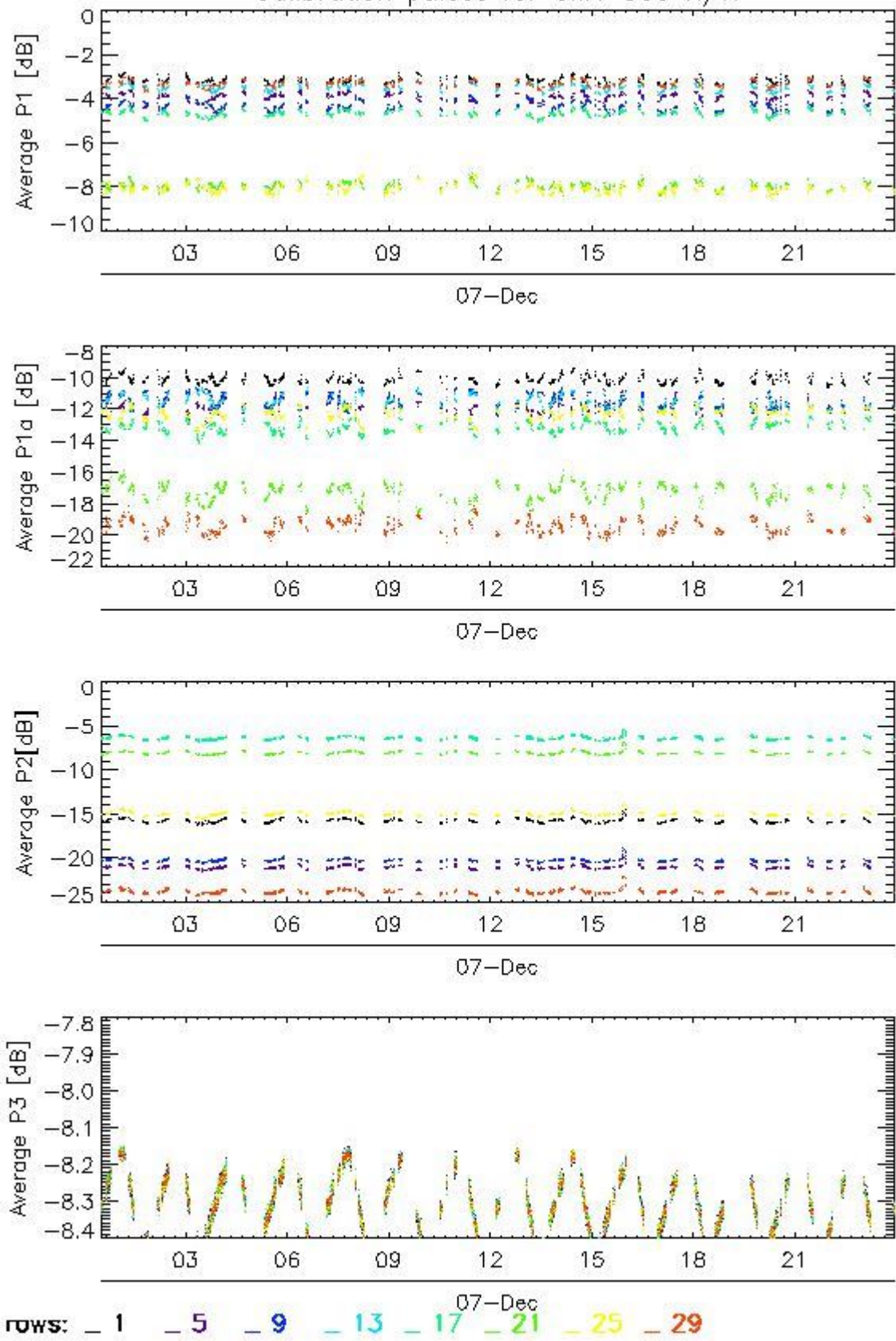
### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[ BACK TO MENU ]

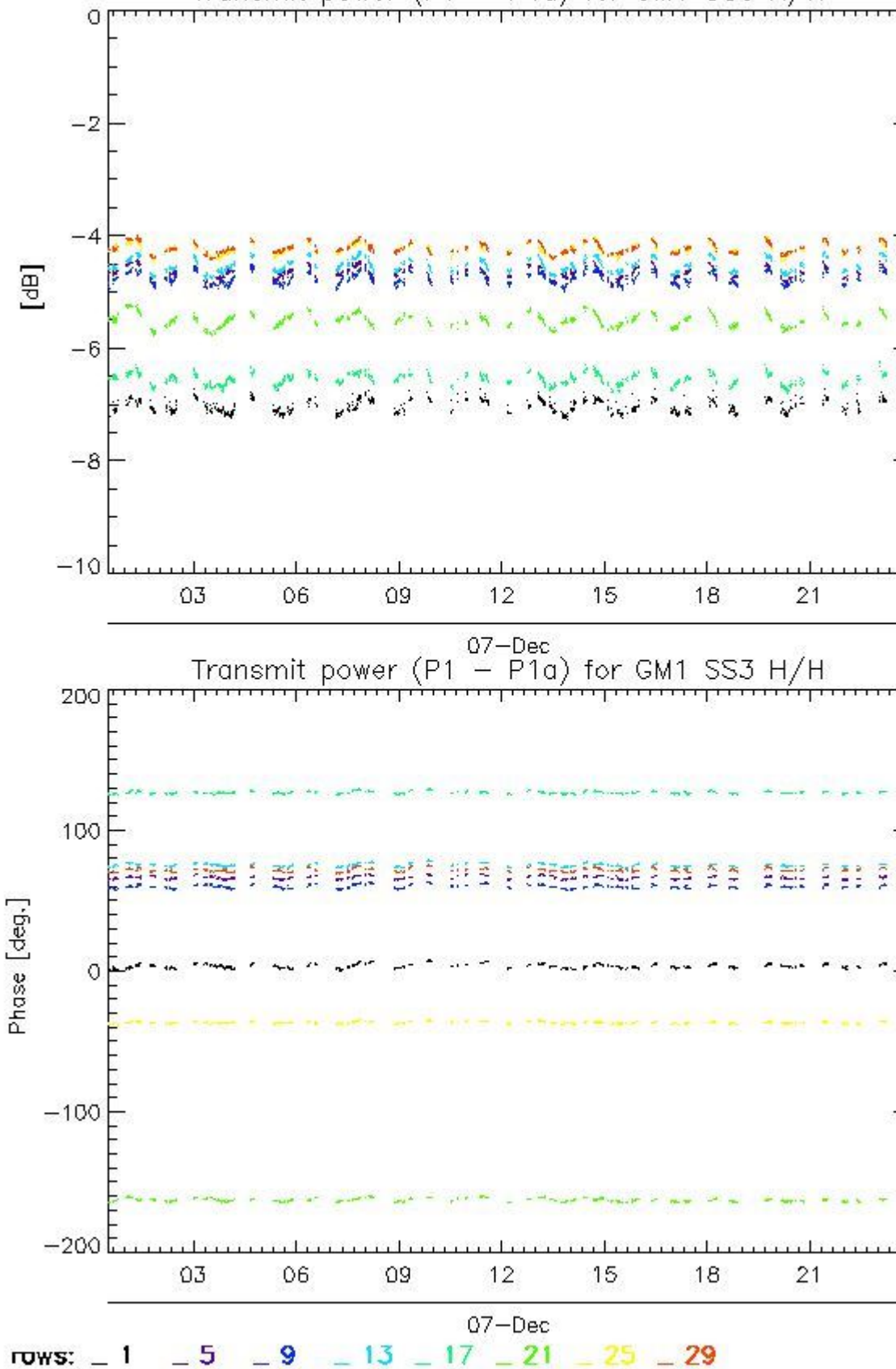
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

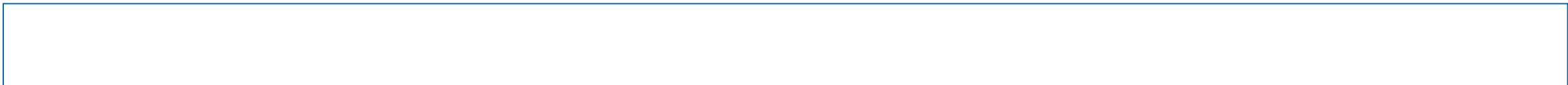


Transmit power (P1 - P1a) for GM1 SS3 H/H

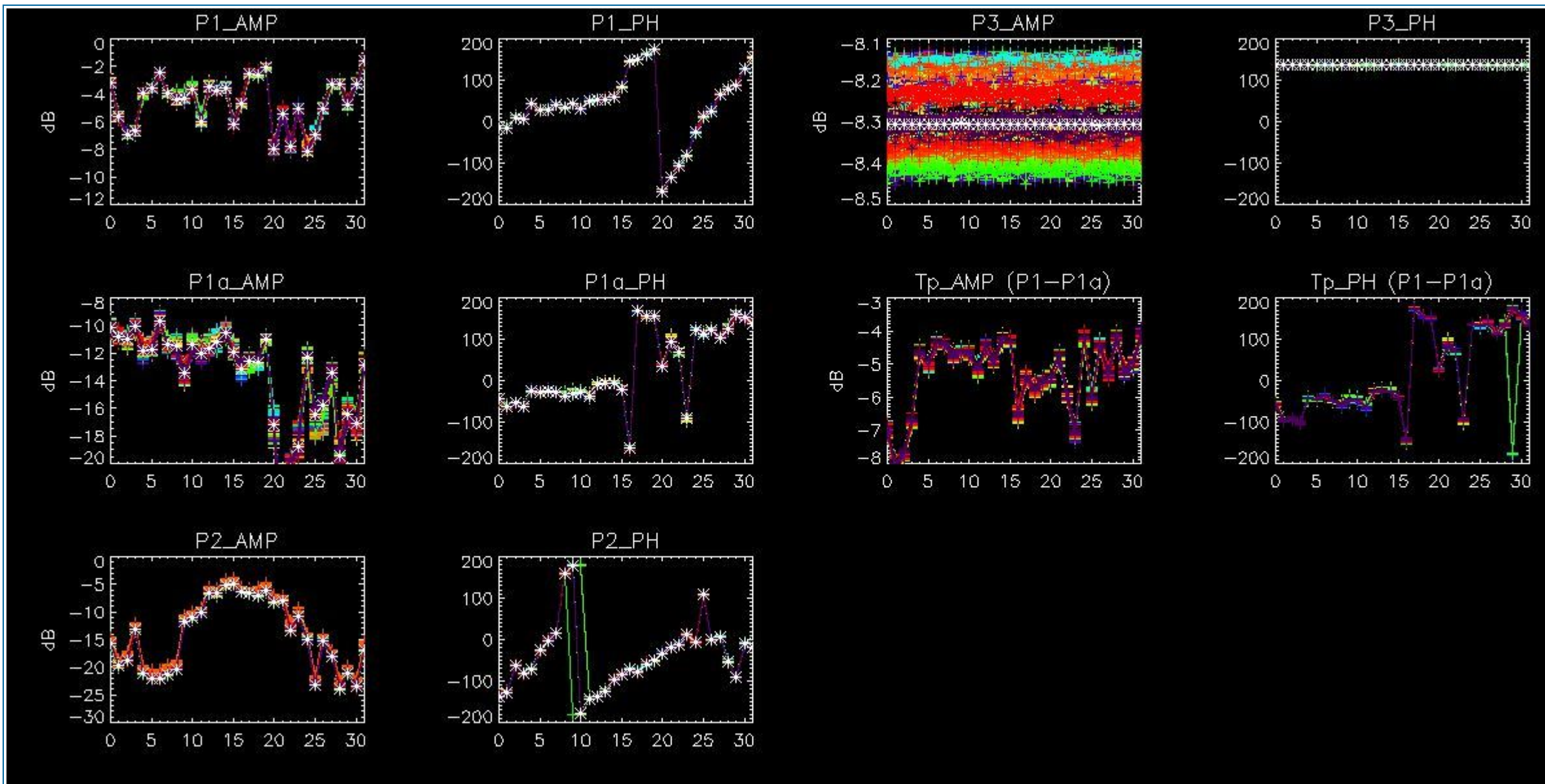


#### 4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ [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 ]

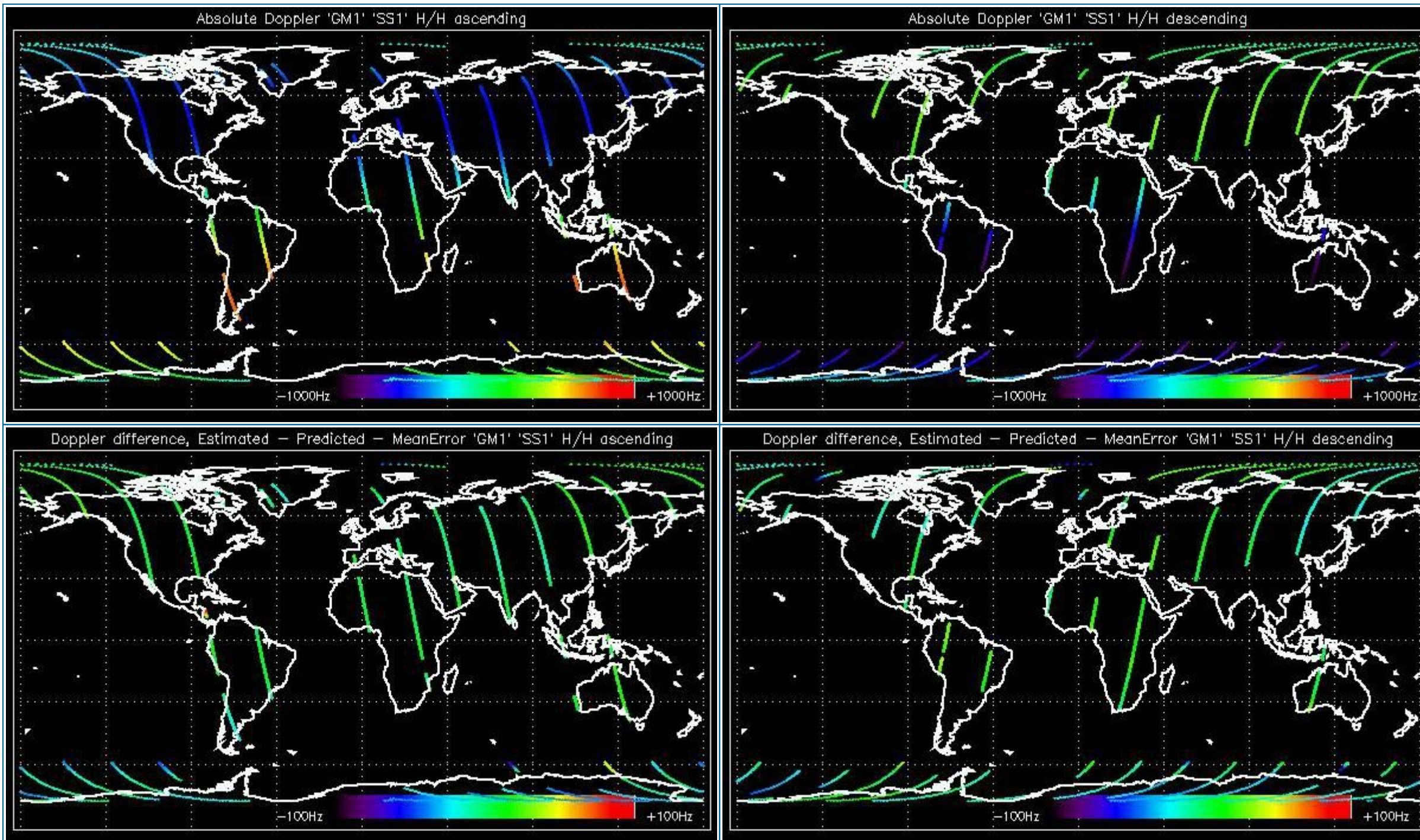


### 5.2 - Analysis for GM1 SS1 H/H

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

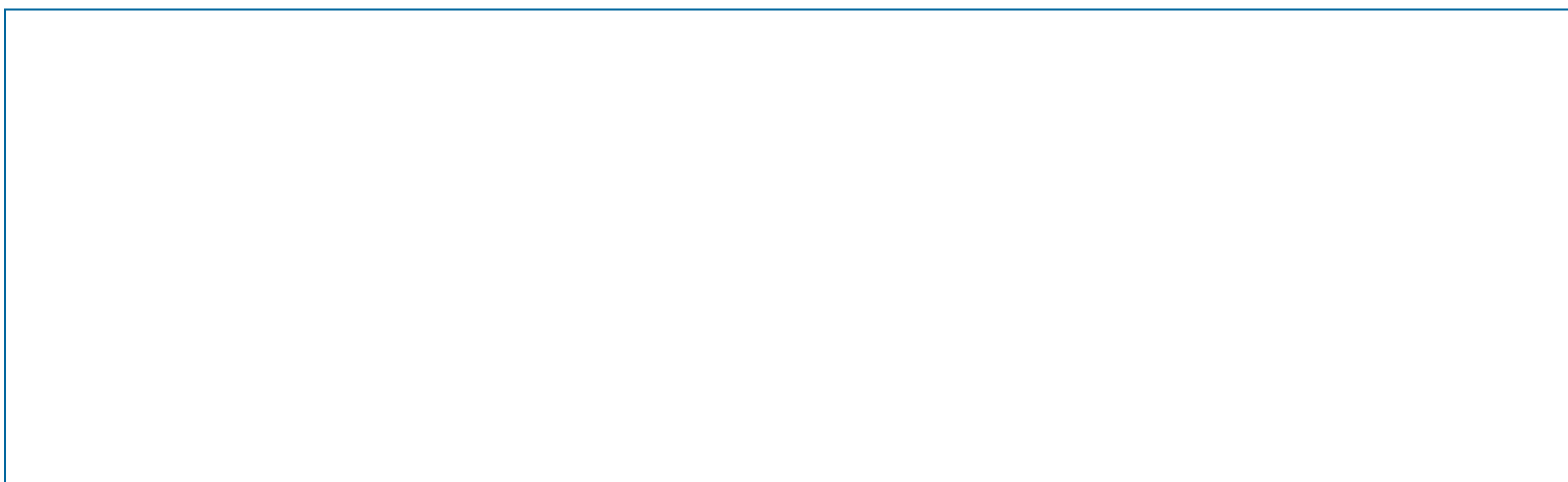
[ BACK TO MENU ]

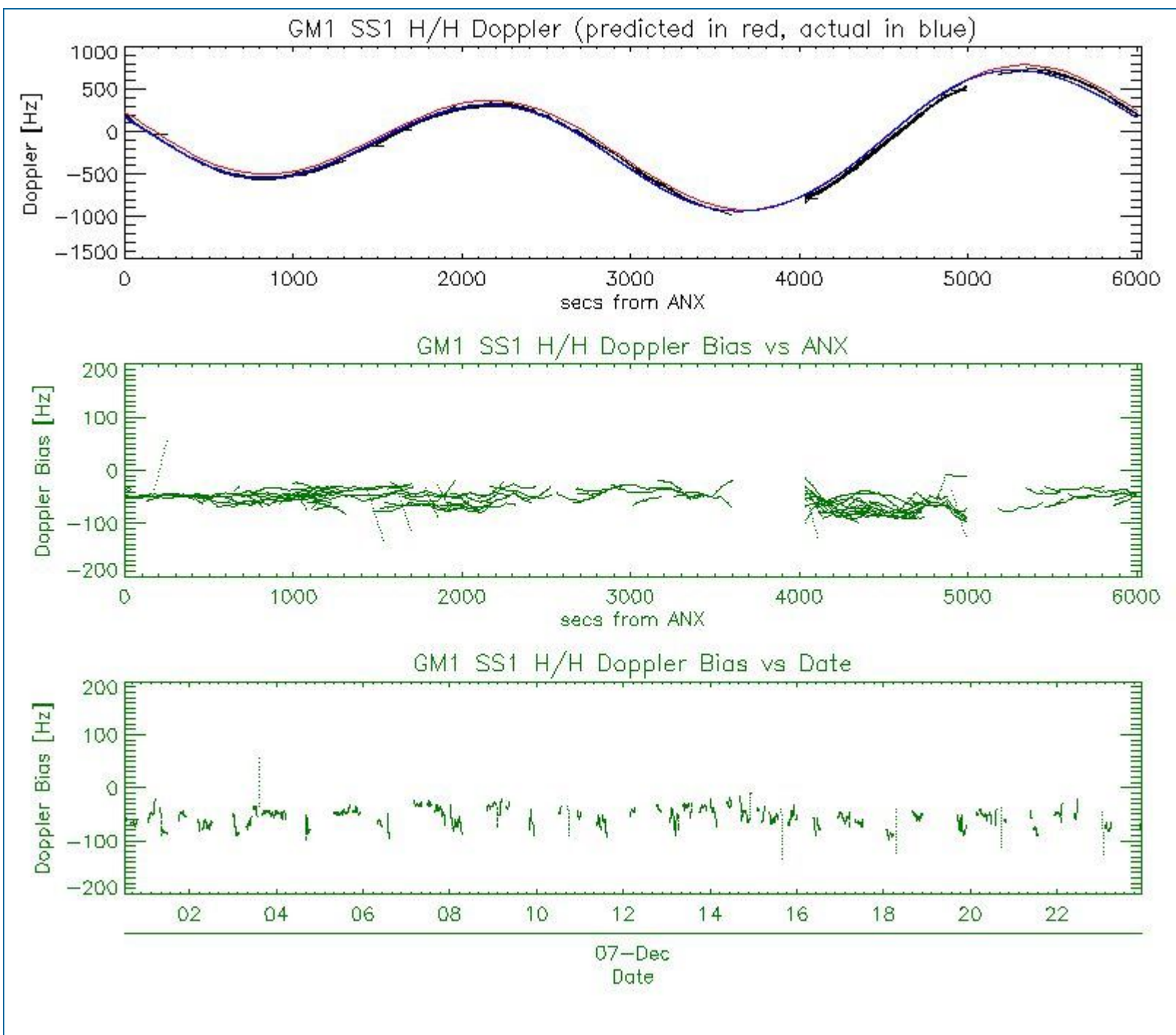




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]



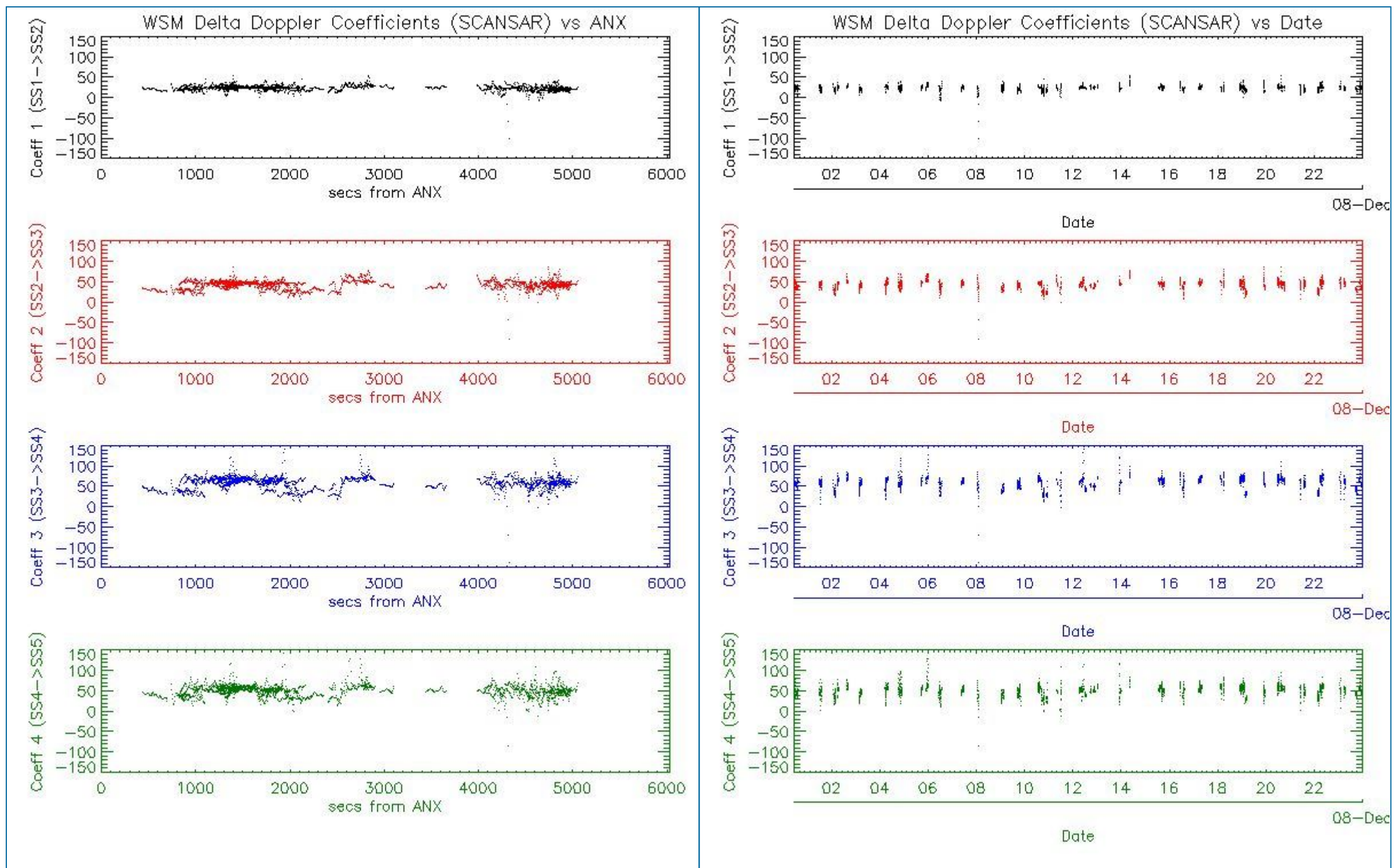


### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]





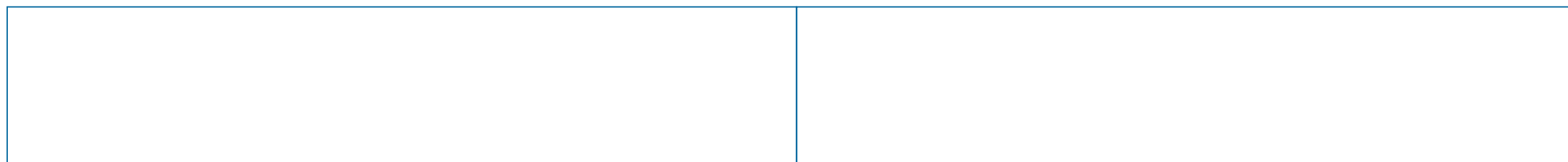


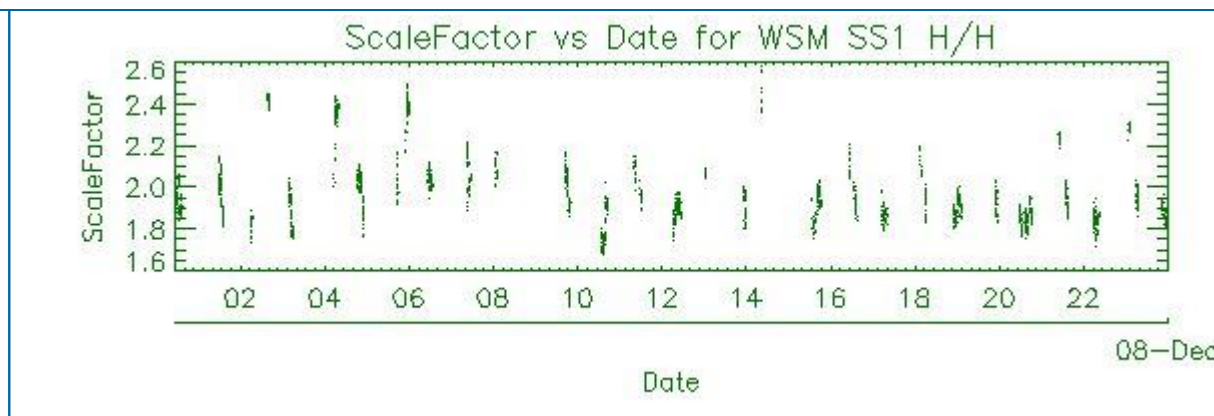
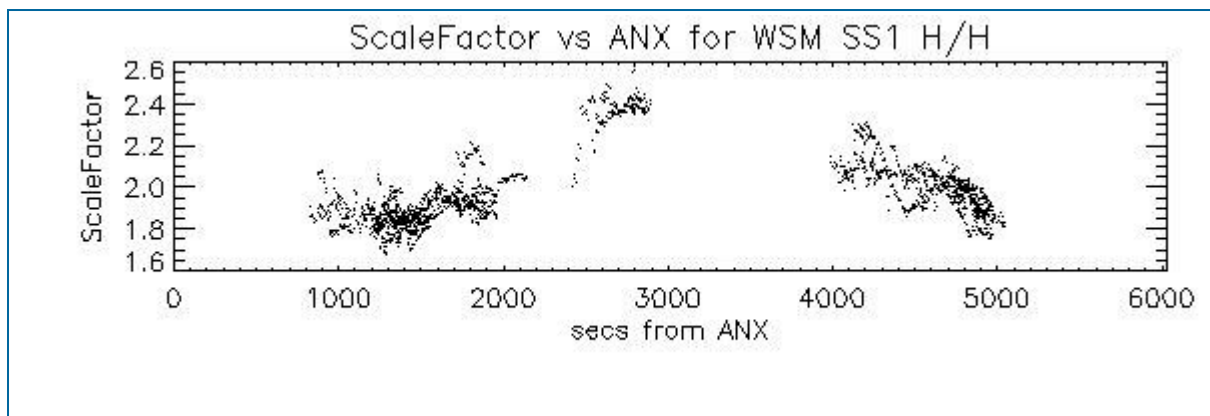
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ [BACK TO MENU](#) ]

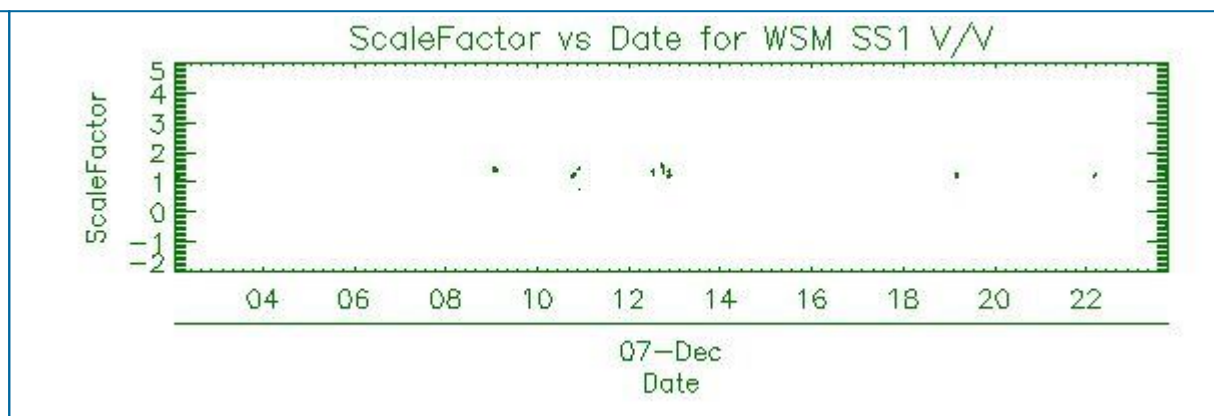
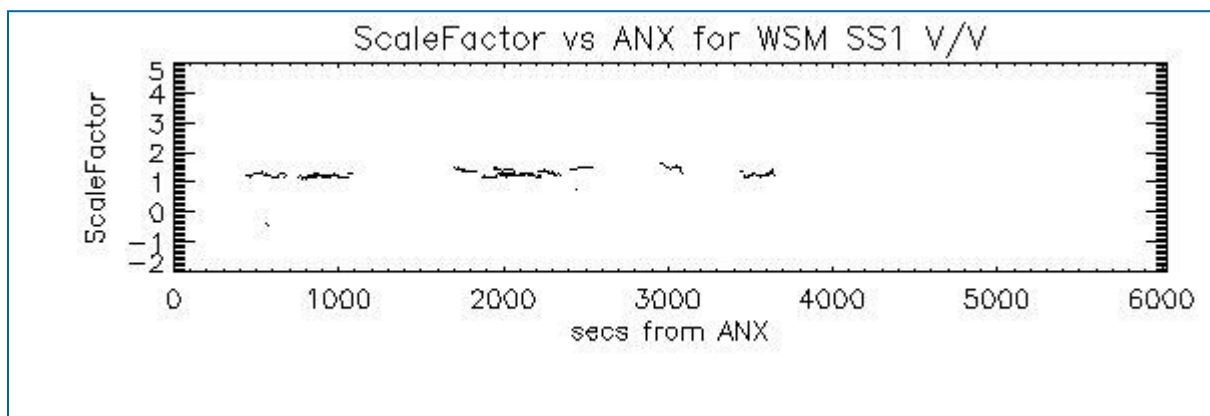




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]

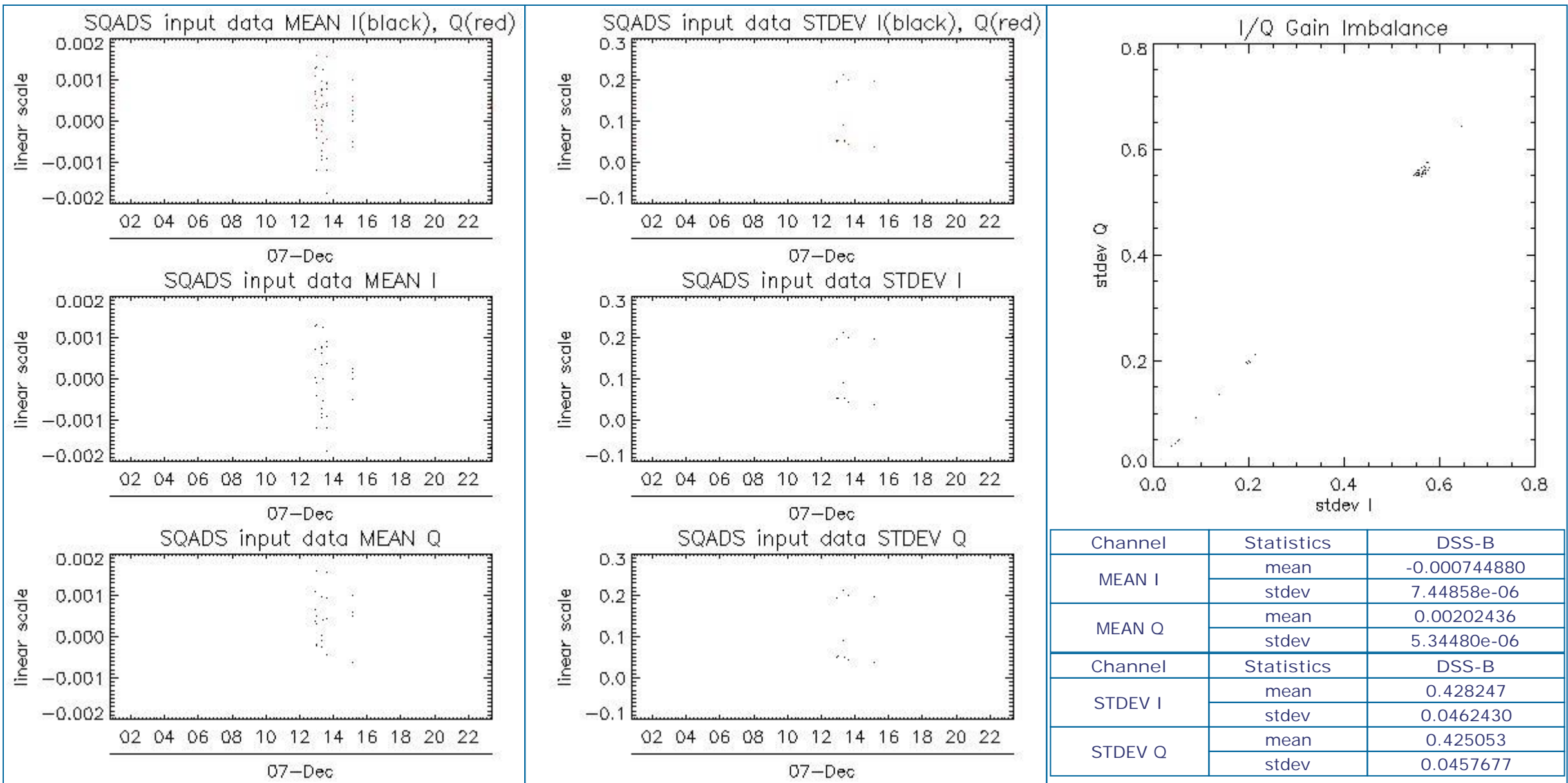


## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

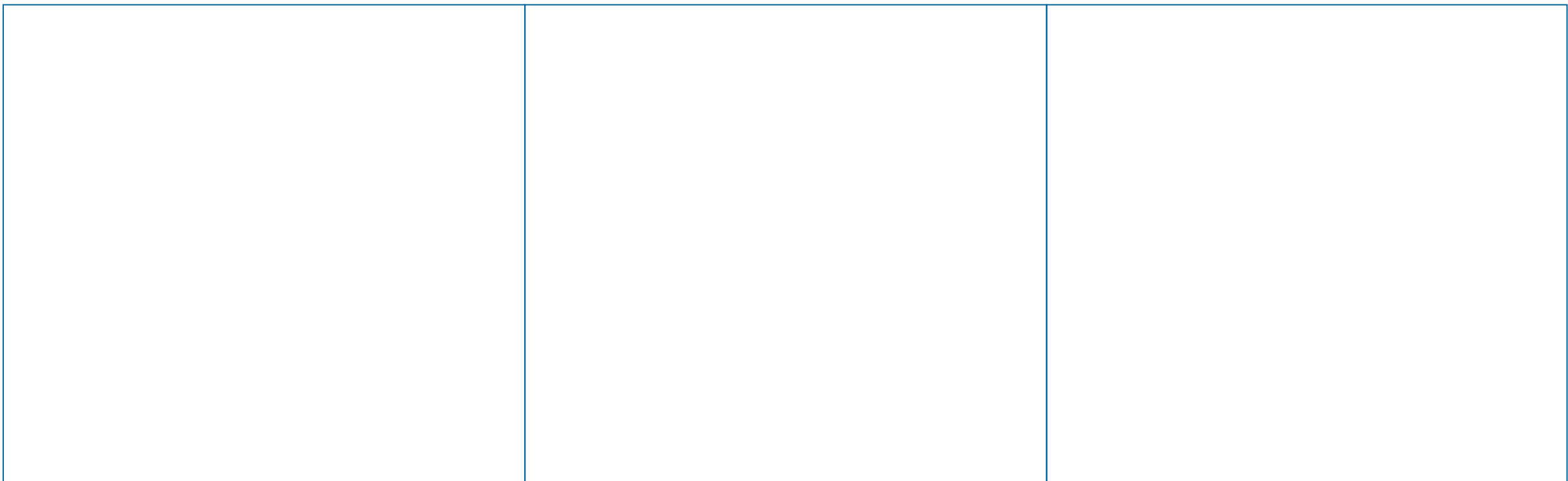
[ [BACK TO MENU](#) ]

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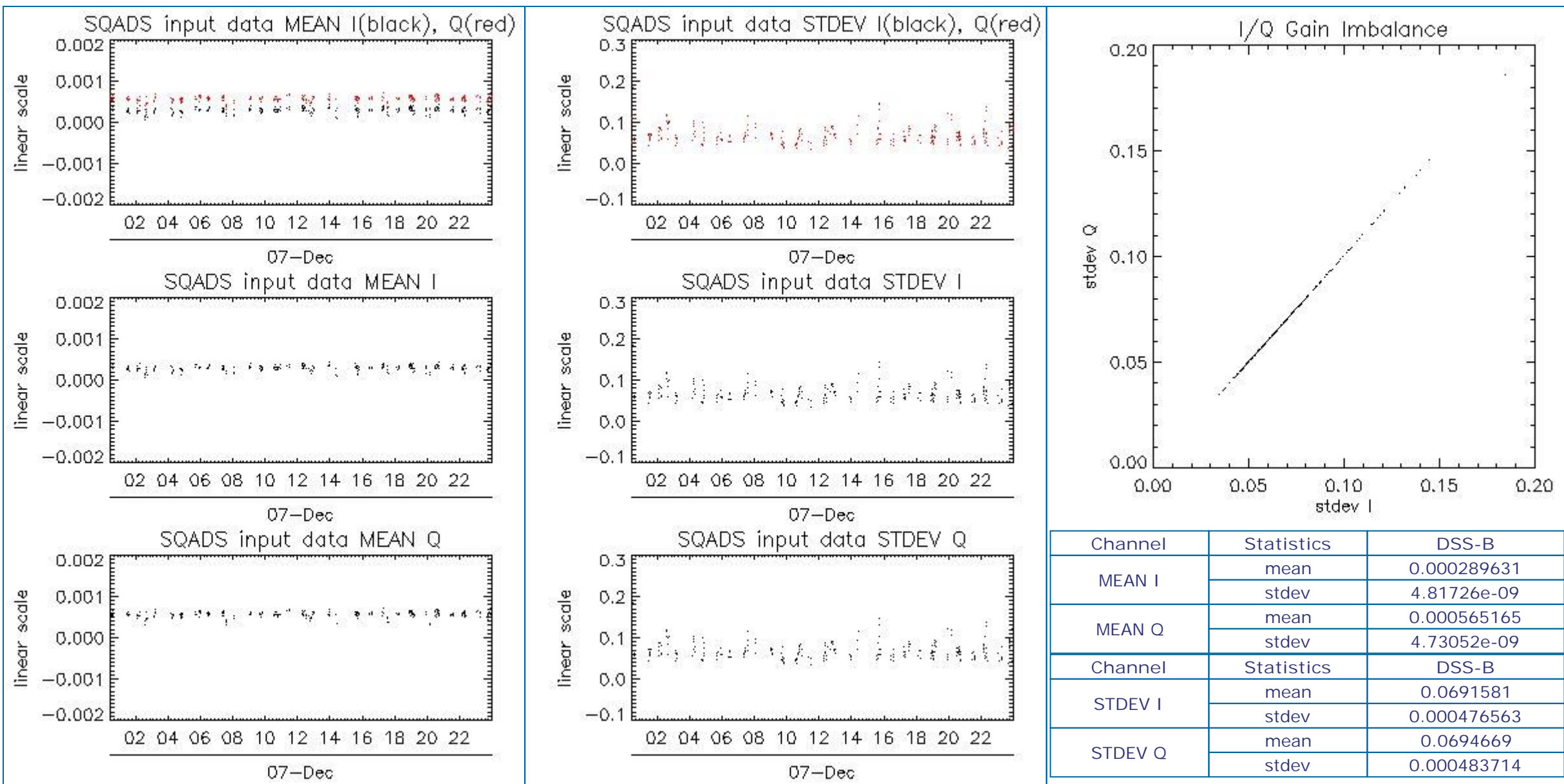


## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]





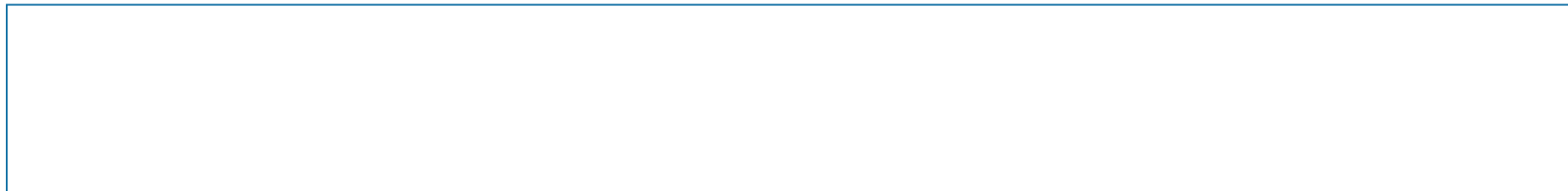


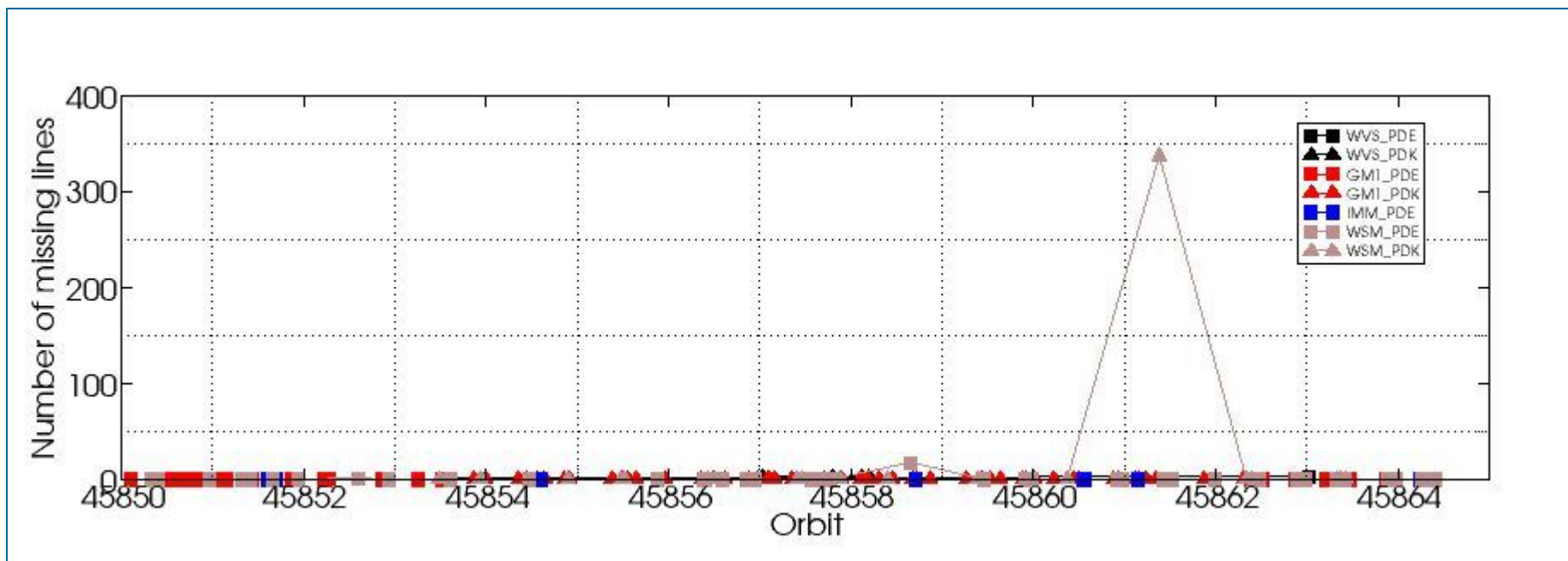
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20101207_231845_000002703097_00159_45863_3002.N1	0	3
PDK	ASA_WVS_1PNPDK20101207_125517_000002703097_00153_45857_2122.N1	0	3
PDK	ASA_WVS_1PNPDK20101207_131730_000002253097_00153_45857_2125.N1	0	3
PDK	ASA_WVS_1PNPDK20101207_133510_000001943097_00154_45858_2127.N1	0	3
PDK	ASA_WVS_1PNPDK20101207_150706_000001943097_00154_45858_2149.N1	0	3
PDE	ASA_WSM_1PNPDE20101207_041306_000004163097_00148_45852_2792.N1	0	1
PDE	ASA_WSM_1PNPDE20101207_142038_000000923097_00154_45858_2959.N1	0	17
PDK	ASA_WSM_1PNPDK20101207_185352_000003923097_00157_45861_2227.N1	0	337

### 8.1 - Number of Missing lines

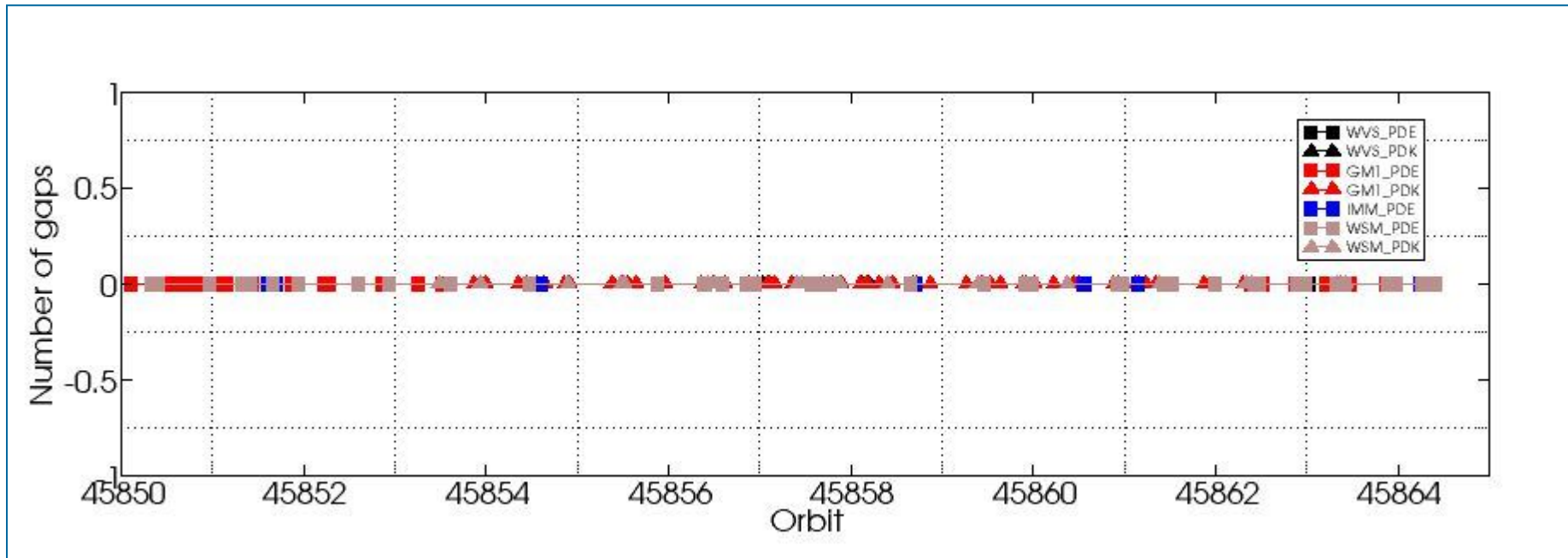
[ BACK TO MENU ]





## 8.2 - Number of Gaps

[ [BACK TO MENU](#) ]



#####  
ASAR DAILY REPORT for 101207  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2010-12-07 00:00:00

Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/

DATA SUMMARY  
#####  
Summary will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_101207/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101207/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/AUXILIARY

Creating directory ./RESULTS/DAILY/\_101207/AUXILIARY...

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



ADF filter 20101207\*current\_3\_IECF\_ADFs.txt  
Found list 20101207\_030003\_current\_3\_IECF\_ADFs.txt...  
Extracting ADFs...

ASA\_CON\_AXVIEC20100608\_125449\_20100317\_120410\_20101231\_000000  
ASA\_INS\_AXVIEC20101028\_095209\_20101022\_000000\_20101231\_235959  
ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
ASA\_XCA\_AXVIEC20101111\_113830\_20100601\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_WVS.xls...  
Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20101207_004627_000000143097_00146_45850_2739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101207_231845_000002703097_00159_45863_3002.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101207_125517_000002703097_00153_45857_2122.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101207_131730_000002253097_00153_45857_2125.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101207_133510_000001943097_00154_45858_2127.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101207_150706_000001943097_00154_45858_2149.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

\*\*\*\*\*

Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_GM1.xls...  
Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20101207_003024_000001443097_00146_45850_2734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_003732_000005313097_00146_45850_2736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_004757_000000723097_00146_45850_2741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_010230_000001753097_00146_45850_2746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_010638_000003503097_00146_45850_2751.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_011935_000005673097_00146_45850_2754.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_014424_000005983097_00146_45850_2768.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_021059_000002053097_00147_45851_2767.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_021704_000008523097_00147_45851_2778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_025951_000004833097_00147_45851_2808.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_031855_000002653097_00147_45851_2807.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_032330_000001083097_00147_45851_2806.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_032756_000003263097_00147_45851_2797.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_033544_000000783097_00148_45852_2794.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_034103_0000019213097_00148_45852_2819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_044000_000003803097_00148_45852_2867.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_051933_0000013233097_00149_45853_2854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_054517_000006043097_00149_45853_2844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_203341_000001323097_00158_45862_2973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_204206_000000843097_00158_45862_2974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_204705_000001263097_00158_45862_2978.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_212226_000001203097_00158_45862_2977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_212646_000003923097_00158_45862_2984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_212646_000003923097_00158_45862_2986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_215621_000004473097_00159_45863_2996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_220527_000000783097_00159_45863_2995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_222251_000003143097_00159_45863_2999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_230238_000000783097_00159_45863_2998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_230616_000004953097_00159_45863_3003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20101207_235424_000001443097_00160_45864_3018.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_062015_000003923097_00149_45853_2005.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_063325_000001693097_00149_45853_2017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_070948_000006283097_00150_45854_2019.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20101207_072925_000002713097_00150_45854_2038.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_073801_000009183097_00150_45854_2040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_080028_000001383097_00150_45854_2039.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20101207_090427_000000783097_00151_45855_2063.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_090824_000001573097_00151_45855_2064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_091806_000002773097_00151_45855_2065.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_094955_000004103097_00151_45855_2067.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_103005_000002233097_00152_45856_2069.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_104327_000000783097_00152_45856_2091.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_105625_000002653097_00152_45856_2092.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20101207_124549_000003263097_00153_45857_2119.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_130313_000008403097_00153_45857_2121.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20101207_132454_000003563097_00153_45857_2126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_133150_000001813097_00153_45857_2123.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_134520_000006103097_00154_45858_2131.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_140025_000005373097_00154_45858_2162.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_142215_000002353097_00154_45858_2161.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_142655_000001443097_00154_45858_2159.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_144127_000009613097_00154_45858_2155.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_150445_000001203097_00154_45858_2152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_151157_000001873097_00154_45858_2151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_152140_000007313097_00155_45859_2150.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_153828_000000963097_00155_45859_2171.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_154726_000005493097_00155_45859_2172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_155843_000001203097_00155_45859_2174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_162256_000001633097_00155_45859_2175.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_162800_000003143097_00155_45859_2177.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_165649_000009613097_00156_45860_2182.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_171141_000000603097_00156_45860_2213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20101207_172441_000003863097_00156_45860_2214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_180314_000002353097_00156_45860_2215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_180928_000002593097_00156_45860_2216.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_181627_000000843097_00156_45860_2218.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_183905_000007433097_00157_45861_2220.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_185012_000002173097_00157_45861_2248.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_194209_000007013097_00157_45861_2250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_200810_000001383097_00157_45861_2251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_201227_000006833097_00157_45861_2252.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101207_202624_000001443097_00158_45862_2253.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

No APM products available for the selected period...

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20101207_023424_000001523097_00147_45851_2763.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_IMM_1PNPDE20101207_073355_000002363097_00150_45854_2884.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101207_142608_000000363097_00154_45858_2960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101207_173107_000003033097_00156_45860_2966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101207_201028_000001103097_00157_45861_2972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA\_IMM\_1PNPDE20101207\_233949\_00000523097\_00160\_45864\_3012.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_101207/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA\_WSM\_1PNPDE20101207\_002651\_000002083097\_00146\_45850\_2716.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
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ASA\_WSM\_1PNPDK20101207\_202852\_000002883097\_00158\_45862\_2262.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WSM\_1PNPDK20101207\_203602\_000002513097\_00158\_45862\_2263.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK
ASA\_WSM\_1PNPDK20101207\_220907\_000001903097\_00159\_45863\_2278.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK



ASA\_WSM\_1PNPDK20101207\_221352\_000001903097\_00159\_45863\_2279.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK  
ASA\_WSM\_1PNPDK20101207\_221750\_000000923097\_00159\_45863\_2280.N1 ASA\_CON -> OKASA\_INS -> OKASA\_XCH -> OKASA\_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_101207/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_101207/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...  
Deleting old files...

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDK20101206\_165823\_000000163097\_00141\_45845\_0334.N1  
H  
H  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20101206\_165823-20010209\_135042.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20101206\_165823-20010209\_135042.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20101206\_165823-20010209\_135042.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20101206\_165823-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20101207\_180153\_000000163097\_00156\_45860\_0337.N1  
V  
V  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20101207\_180153-20010209\_140823.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20101207\_180153-20010209\_140823.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20101207\_180153-20010209\_140823.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20101207\_180153-20010209\_140823.png

\*\*\*\*\*

\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20101205\_173507\_000000163097\_00127\_45831\_0332.N1  
Test product: ASA\_MS\_\_0PNPDK20101206\_165823\_000000163097\_00141\_45845\_0334.N1  
H  
H  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20101206\_165823-20101205\_173507.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20101206\_165823-20101205\_173507.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20101206\_165823-20101205\_173507.png  
../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20101206\_165823-20101205\_173507.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20101206\_183837\_000000163097\_00142\_45846\_0335.N1  
Test product: ASA\_MS\_\_0PNPDK20101207\_180153\_000000163097\_00156\_45860\_0337.N1  
V  
V

../../../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20101207\_180153-20101206\_183837.png  
../../../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20101207\_180153-20101206\_183837.png  
../../../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20101207\_180153-20101206\_183837.png  
../../../../RESULTS/DAILY/\_101207/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20101207\_180153-20101206\_183837.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES...

\*\*\*\*\*

\*\*\*\*\*

ALL ROWS Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing products WVS IS2 V/V

\*\*\* No Data \*\*\*

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*

\*\*\*\*\*

TEMPORAL EVOLUTION Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-07\_1.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-07\_2.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-07\_3.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-07\_4.dat...

No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-07\_1.dat...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-07\_2.dat...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-07\_3.dat...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_101207/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-07\_4.dat...

Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_101207//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_101207/DOPPLER...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER ANX Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing products WVS IS2 V/V  
Getting doppler data for WVS IS2 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-12-07.dat...  
No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS1 H/H  
Getting doppler data for GM1 SS1 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-12-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101207/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-12-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101207/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_101207/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing products WVS IS2 V/V  
\*\*\* Insufficient Data to Plot \*\*\*  
\*\*\* Insufficient Data to Plot \*\*\*

Analysing products GM1 SS1 H/H  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -56.510590 Hz  
Writing file ../../RESULTS/DAILY/\_101207//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_101207//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...



Mean error = -54.243646 Hz  
Writing file ../../RESULTS/DAILY/\_101207//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_101207//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_101207/CHIRP...

\*\*\*\*\*  
\*\*\*\*\*  
CHIRP Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59

Analysing products WSM SS1 H/H  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2010-12-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V  
\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2010-12-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_101207/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed  
#####

RAW DATA ANALYSIS  
#####  
Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_101207/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_WVS\_2010-12-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2010-12-07 00:00:00 to 2010-12-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_IMM\_2010-12-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...

Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101207/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-12-07 00:00:00 to 2010-12-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101207/TELEMETRY

Creating directory ./RESULTS/DAILY/\_101207/TELEMETRY...

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

\*\*\*\*\*

Checking 2 products from PDE...

Found product...ASA\_WVS\_1PNPDE20101207\_231845\_000002703097\_00159\_45863\_3002.N1 / 0 gaps / 3 missing lines

Checking 4 products from PDK...

Found product...ASA\_WVS\_1PNPDK20101207\_125517\_000002703097\_00153\_45857\_2122.N1 / 0 gaps / 3 missing lines

Found product...ASA\_WVS\_1PNPDK20101207\_131730\_000002253097\_00153\_45857\_2125.N1 / 0 gaps / 3 missing lines

Found product...ASA\_WVS\_1PNPDK20101207\_133510\_000001943097\_00154\_45858\_2127.N1 / 0 gaps / 3 missing lines

Found product...ASA\_WVS\_1PNPDK20101207\_150706\_000001943097\_00154\_45858\_2149.N1 / 0 gaps / 3 missing lines

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

\*\*\*\*\*

Checking 30 products from PDE...

Checking 50 products from PDK...

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

\*\*\*\*\*

No products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 7 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 40 products from PDE...

Found product...ASA\_WSM\_1PNPDE20101207\_041306\_000004163097\_00148\_45852\_2792.N1 / 0 gaps / 1 missing lines

Found product...ASA\_WSM\_1PNPDE20101207\_142038\_000000923097\_00154\_45858\_2959.N1 / 0 gaps / 17 missing lines

Checking 20 products from PDK...

Found product...ASA\_WSM\_1PNPDK20101207\_185352\_000003923097\_00157\_45861\_2227.N1 / 0 gaps / 337 missing lines

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_101207/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_101207/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_101207/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_GM1_1PNPDE20101207_003024_000001443097_00146_45850_2734.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_003732_000005313097_00146_45850_2736.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_004757_000000723097_00146_45850_2741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_010230_000001753097_00146_45850_2746.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_010638_000003503097_00146_45850_2751.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_011935_000005673097_00146_45850_2754.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_014424_000005983097_00146_45850_2768.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_021059_000002053097_00147_45851_2767.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_021704_000008523097_00147_45851_2778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_025951_000004833097_00147_45851_2808.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_031855_000002653097_00147_45851_2807.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_032330_000001083097_00147_45851_2806.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_032756_000003263097_00147_45851_2797.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_033544_000000783097_00148_45852_2794.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_034103_000019213097_00148_45852_2819.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_044000_000003803097_00148_45852_2867.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_051933_000013233097_00149_45853_2854.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_054517_000006043097_00149_45853_2844.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_203341_000001323097_00158_45862_2973.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_204206_000000843097_00158_45862_2974.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_204705_000001263097_00158_45862_2978.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_212226_000001203097_00158_45862_2977.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_212646_000003923097_00158_45862_2984.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_212646_000003923097_00158_45862_2986.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_215621_000004473097_00159_45863_2996.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_220527_000000783097_00159_45863_2995.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_222251_000003143097_00159_45863_2999.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_230238_000000783097_00159_45863_2998.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_230616_000004953097_00159_45863_3003.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101207_235424_000001443097_00160_45864_3018.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_062015_000003923097_00149_45853_2005.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_063325_000001693097_00149_45853_2017.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_070948_000006283097_00150_45854_2019.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_071916_000001383097_00150_45854_2037.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_072925_000002713097_00150_45854_2038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_073801_000009183097_00150_45854_2040.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_080028_000001383097_00150_45854_2039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_080524_000006653097_00150_45854_2042.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_085130_000006163097_00151_45855_2043.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_090427_000000783097_00151_45855_2063.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_090824_000001573097_00151_45855_2064.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_091806_000002773097_00151_45855_2065.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_094955_000004103097_00151_45855_2067.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_103005_000002233097_00152_45856_2069.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_104327_000000783097_00152_45856_2091.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_105625_000002653097_00152_45856_2092.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_112219_000003863097_00152_45856_2093.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_113108_000003503097_00152_45856_2095.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_120942_000003923097_00153_45857_2101.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_124549_000003263097_00153_45857_2119.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_130313_000008403097_00153_45857_2121.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_132300_000001023097_00153_45857_2120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_132454_000003563097_00153_45857_2126.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_133150_000001813097_00153_45857_2123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_134520_000006103097_00154_45858_2131.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_140025_000005373097_00154_45858_2162.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_142215_000002353097_00154_45858_2161.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_142655_000001443097_00154_45858_2159.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_144127_000009613097_00154_45858_2155.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_150445_000001203097_00154_45858_2152.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_151157_000001873097_00154_45858_2151.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_152140_000007313097_00155_45859_2150.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_153828_000000963097_00155_45859_2171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_154726_000005493097_00155_45859_2172.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20101207_155843_000001203097_00155_45859_2174.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_162256_000001633097_00155_45859_2175.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_162800_000003143097_00155_45859_2177.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_165649_000009613097_00156_45860_2182.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_171141_000000603097_00156_45860_2213.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_172025_000001573097_00156_45860_2212.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_172441_000003863097_00156_45860_2214.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_180314_000002353097_00156_45860_2215.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_180928_000002593097_00156_45860_2216.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_181627_000000843097_00156_45860_2218.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_183905_000007433097_00157_45861_2220.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_185012_000002173097_00157_45861_2248.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_194209_000007013097_00157_45861_2250.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_200810_000001383097_00157_45861_2251.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_201227_000006833097_00157_45861_2252.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101207_202624_000001443097_00158_45862_2253.N1	OK	OK	OK	OK



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_IMM_1PNPDE20101207_023424_000001523097_00147_45851_2763.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_024236_000001223097_00147_45851_2765.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_073355_000002363097_00150_45854_2884.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_142608_000000363097_00154_45858_2960.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_173107_000003033097_00156_45860_2966.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_201028_000001103097_00157_45861_2972.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101207_233949_000000523097_00160_45864_3012.N1	OK	OK	OK	OK

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

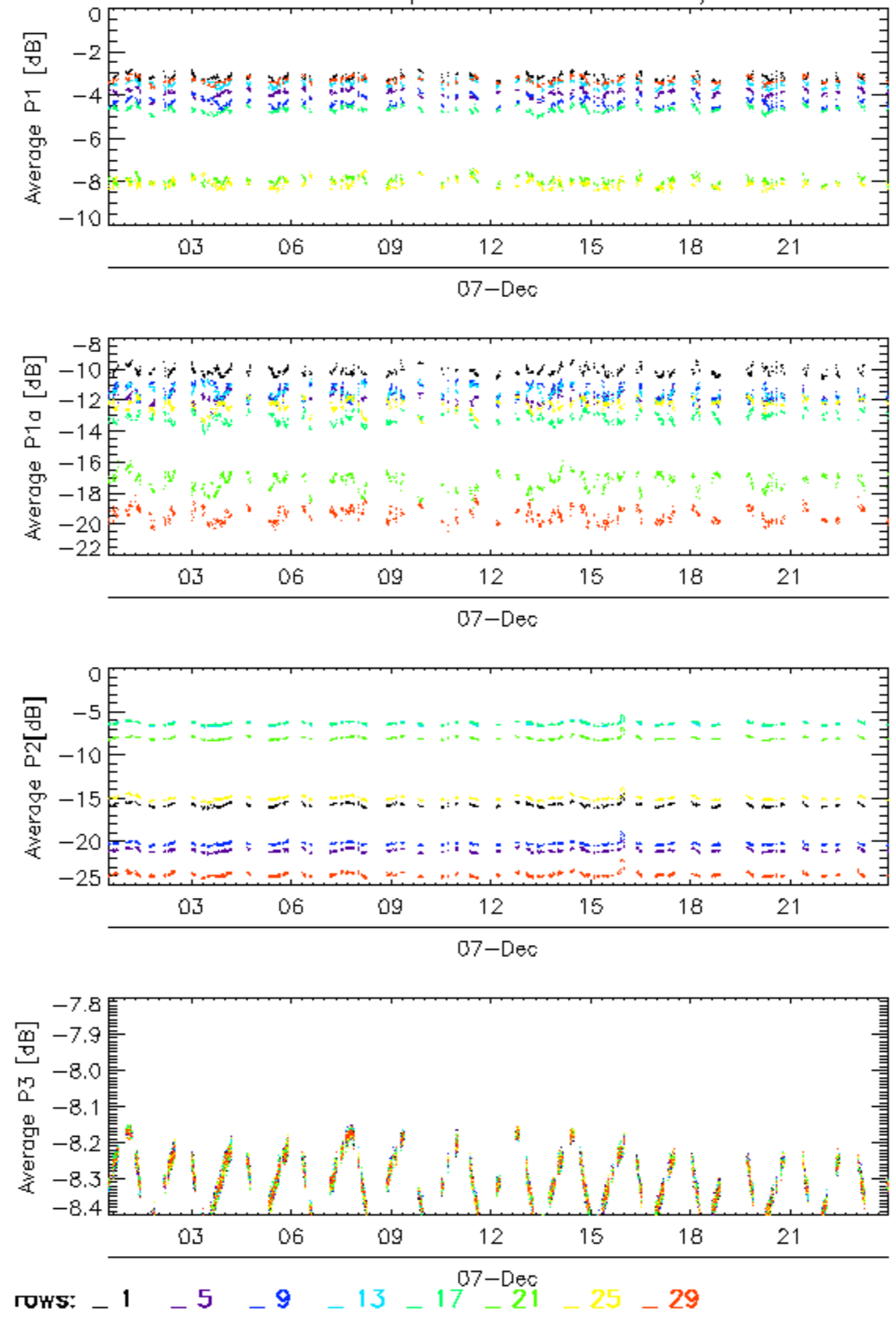
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101207_002651_000002083097_00146_45850_2716.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_003251_000002753097_00146_45850_2717.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_012909_000004533097_00146_45850_2755.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_020453_000003613097_00147_45851_2777.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_021429_000001533097_00147_45851_2789.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_023829_000001533097_00147_45851_2764.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_030759_000004533097_00147_45851_2791.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_041306_000004163097_00148_45852_2792.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_044622_000005753097_00148_45852_2832.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_055526_000003433097_00149_45853_2833.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_072139_000004653097_00150_45854_2883.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_094119_000005143097_00151_45855_2936.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_103353_000001903097_00152_45856_2937.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_105349_000001533097_00152_45856_2935.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_112006_000001283097_00152_45856_2938.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_112851_000001283097_00152_45856_2955.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_123051_000001533097_00153_45857_2956.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_124312_000001533097_00153_45857_2957.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_125119_000002263097_00153_45857_2958.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_142038_000000923097_00154_45858_2959.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_154133_000003493097_00155_45859_2962.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_162544_000001353097_00155_45859_2963.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_163316_000002453097_00155_45859_2961.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_180714_000001283097_00156_45860_2967.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_181349_000001533097_00156_45860_2964.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_185917_000002143097_00157_45861_2968.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_190320_000002143097_00157_45861_2970.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_190751_000002693097_00157_45861_2971.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_195352_000002143097_00157_45861_2969.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_203824_000002203097_00158_45862_2979.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_204336_000001903097_00158_45862_2987.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_212432_000001283097_00158_45862_2980.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_213322_000003003097_00158_45862_2975.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_220849_000001533097_00159_45863_2993.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_221741_000003063097_00159_45863_3000.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_230405_000001283097_00159_45863_3008.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_231437_000002263097_00159_45863_2994.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_234252_000002693097_00160_45864_3013.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_235152_000001533097_00160_45864_3014.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101207_235652_000002393097_00160_45864_3015.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_054139_000002083097_00149_45853_1989.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_062651_000003923097_00149_45853_2026.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_080249_000001533097_00150_45854_2049.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_090151_000001533097_00151_45855_2048.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_090551_000001533097_00151_45855_2051.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_103722_000003613097_00152_45856_2078.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_104451_000002693097_00152_45856_2077.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_121617_000002453097_00153_45857_2099.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_122026_000003923097_00153_45857_2105.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_130138_000000923097_00153_45857_2135.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_135532_000002883097_00154_45858_2133.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_153352_000002693097_00155_45859_2165.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_154010_000001653097_00155_45859_2164.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_171252_000004533097_00156_45860_2195.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_185352_000003923097_00157_45861_2227.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_202852_000002883097_00158_45862_2262.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_203602_000002513097_00158_45862_2263.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_220907_000001903097_00159_45863_2278.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_221352_000001903097_00159_45863_2279.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101207_221750_000000923097_00159_45863_2280.N1					OK	OK	OK	OK

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

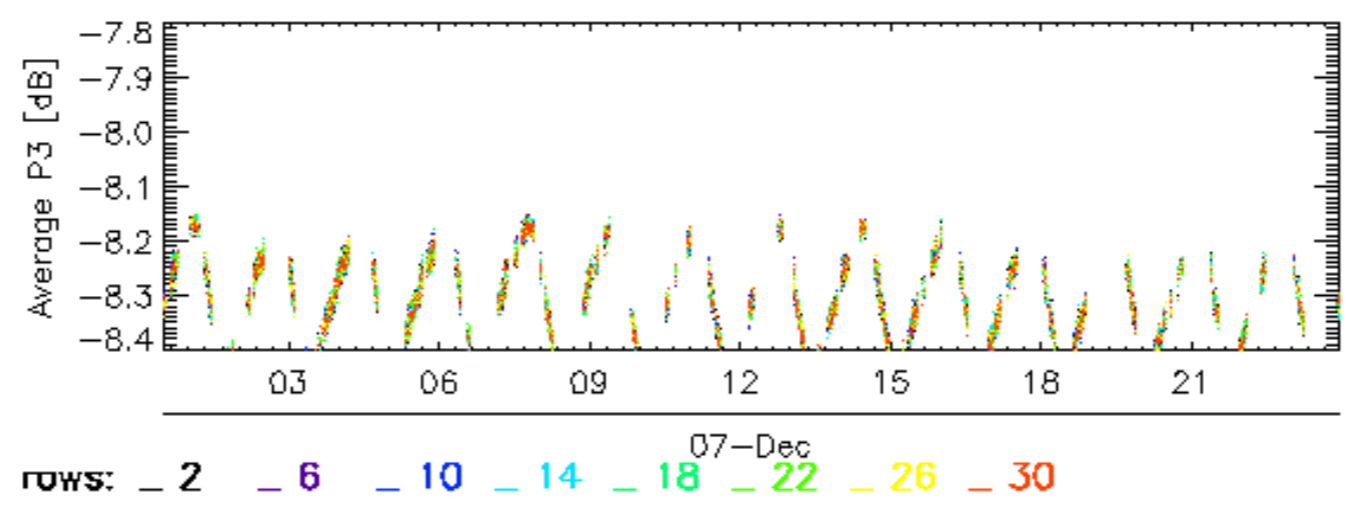
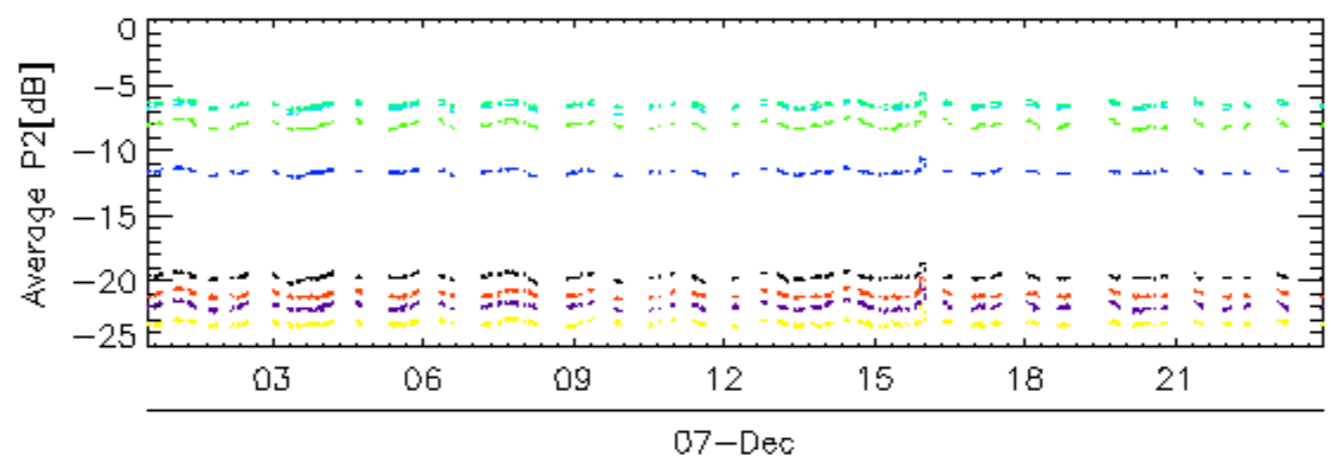
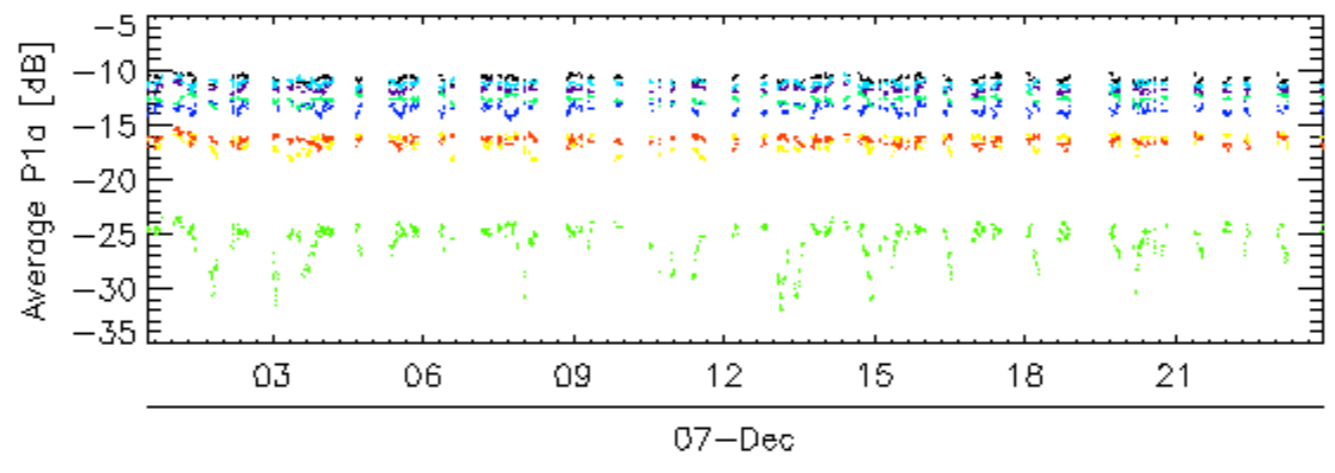
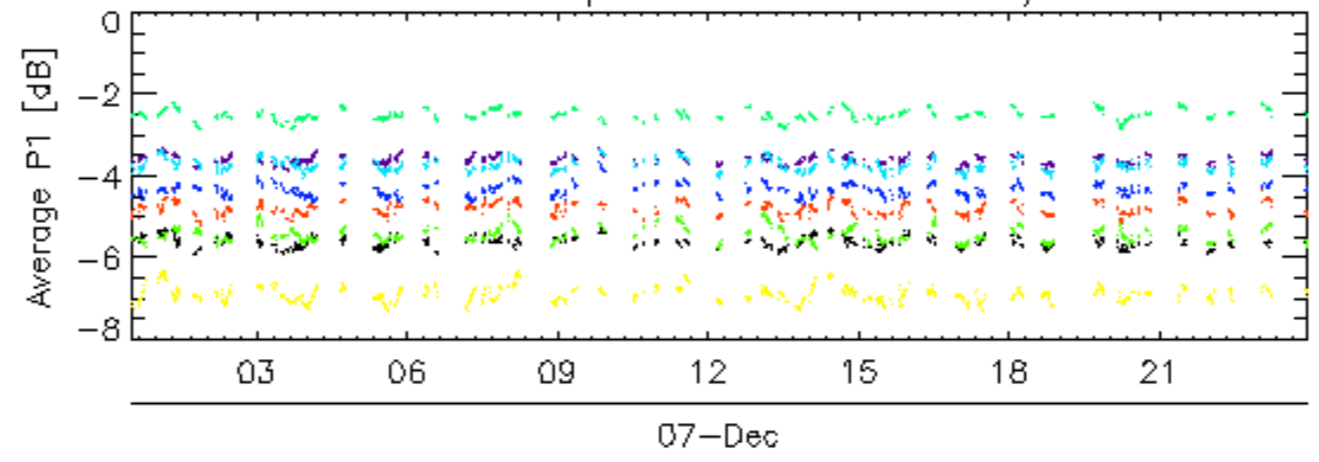
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
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ASA_WVS_1PNPDE20101207_231845_000002703097_00159_45863_3002.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20101207_125517_000002703097_00153_45857_2122.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20101207_131730_000002253097_00153_45857_2125.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20101207_133510_000001943097_00154_45858_2127.N1	OK	OK	OK	OK
ASA_WVS_1PNPDK20101207_150706_000001943097_00154_45858_2149.N1	OK	OK	OK	OK



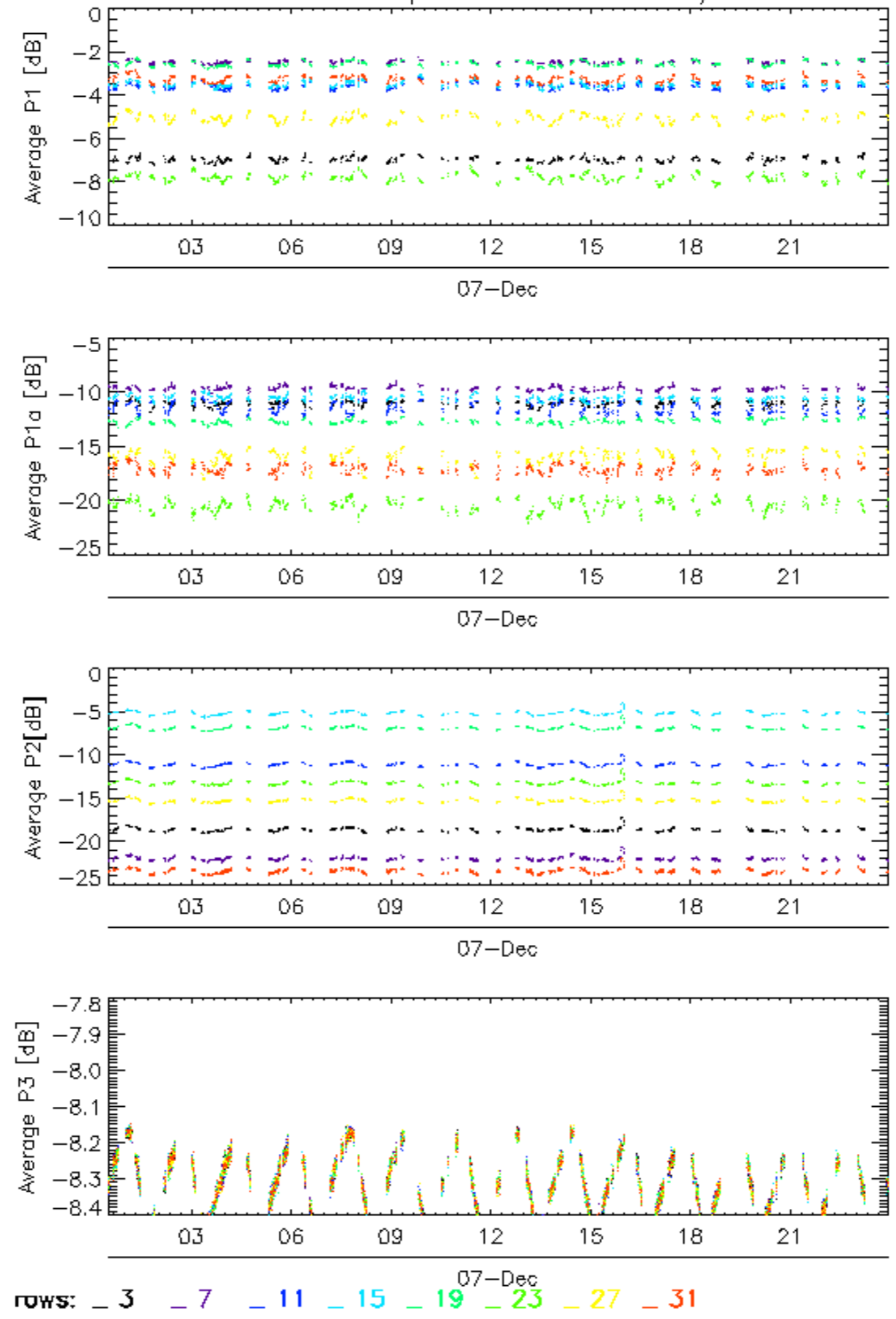
Calibration pulses for GM1 SS3 H/H



Calibration pulses for GM1 SS3 H/H

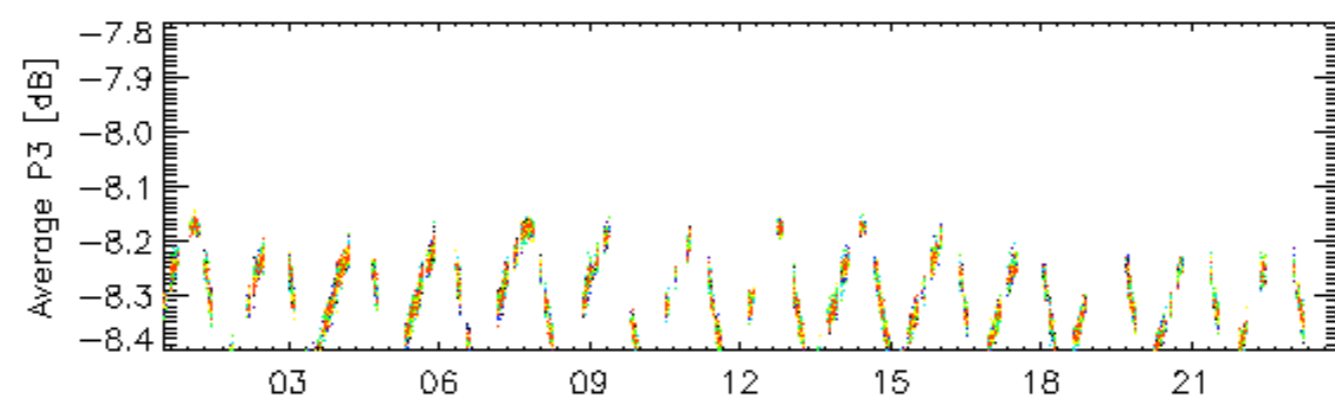
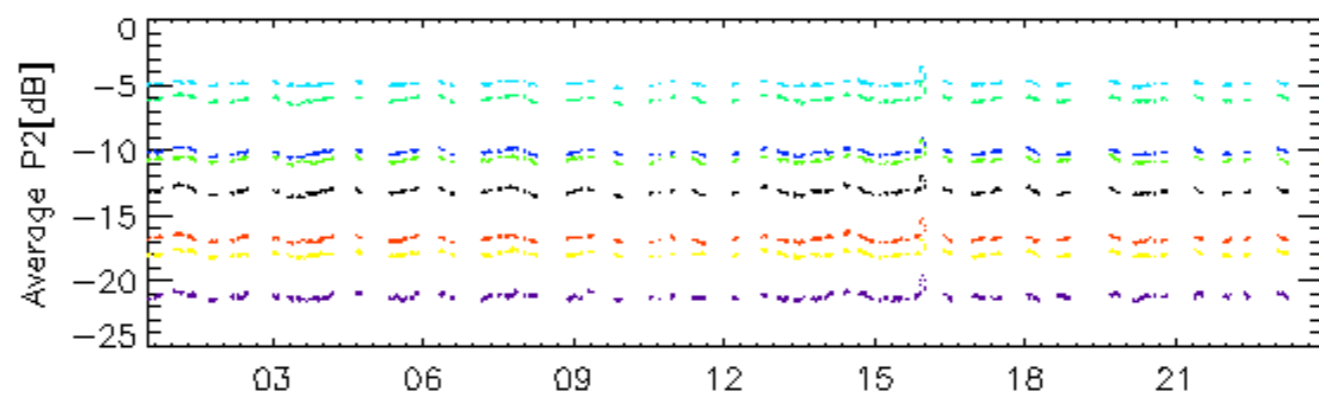
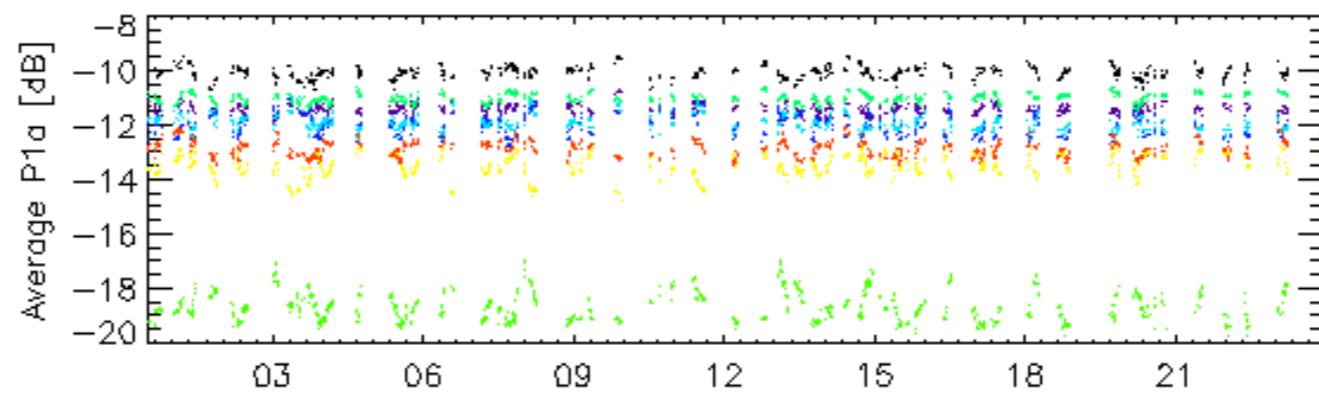
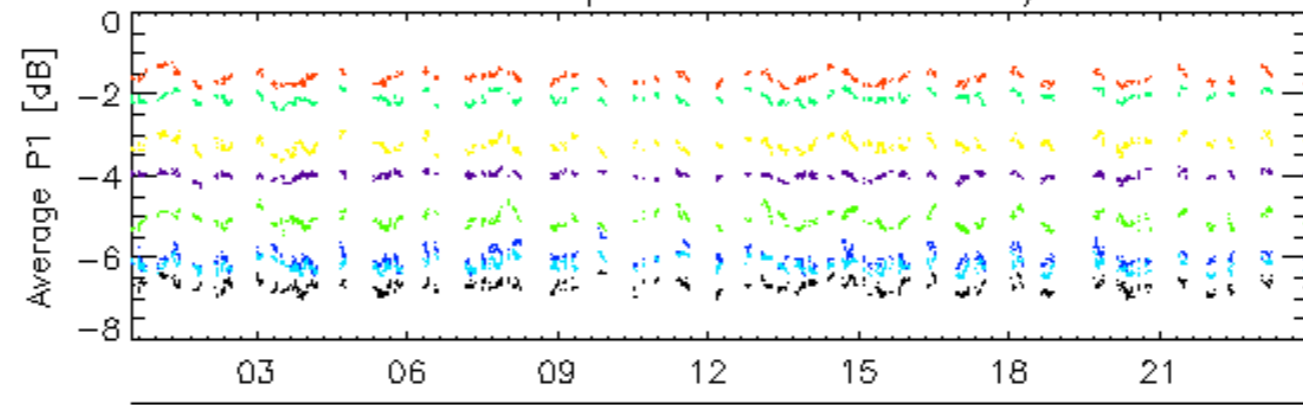


### Calibration pulses for GM1 SS3 H/H

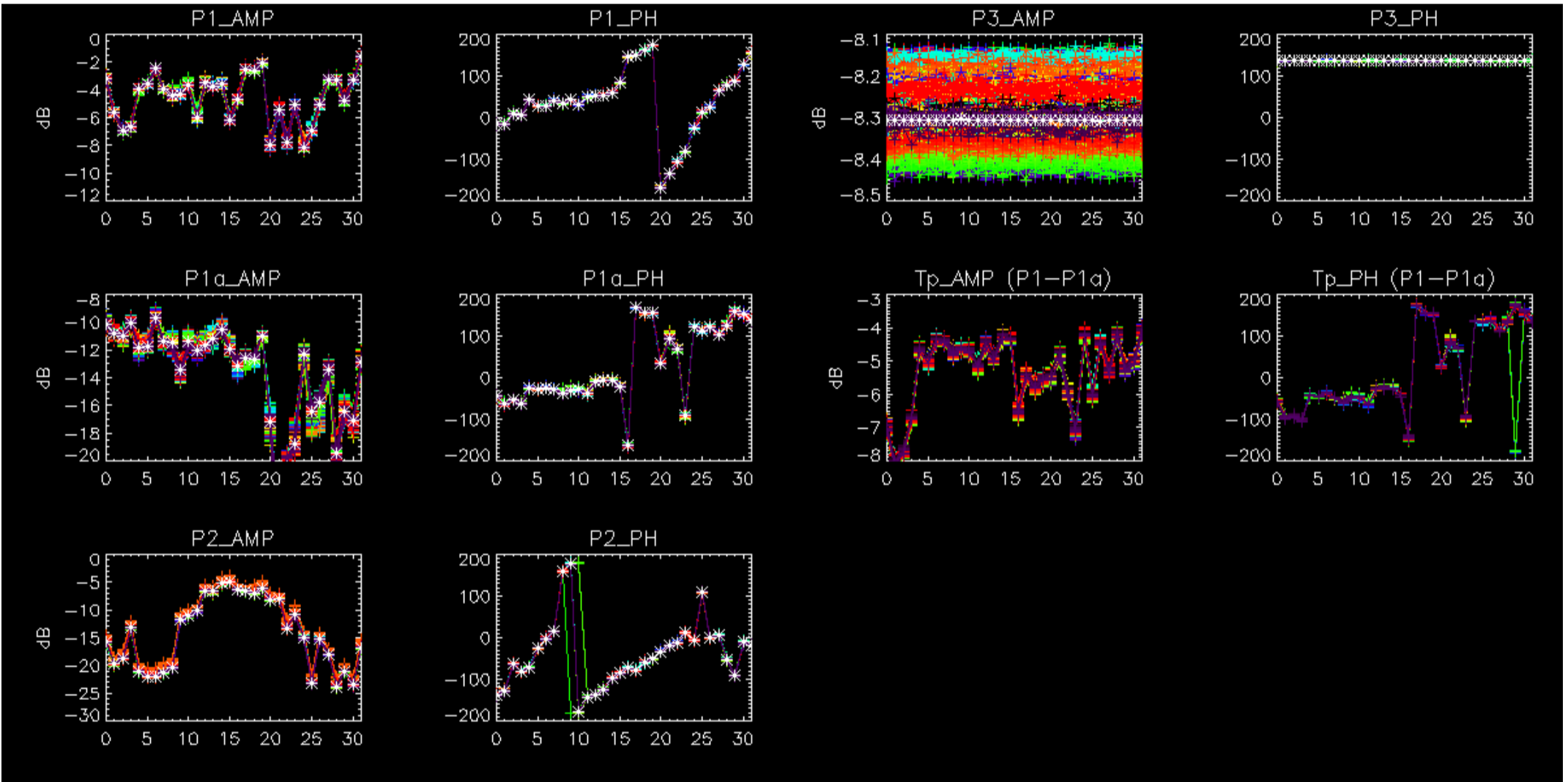


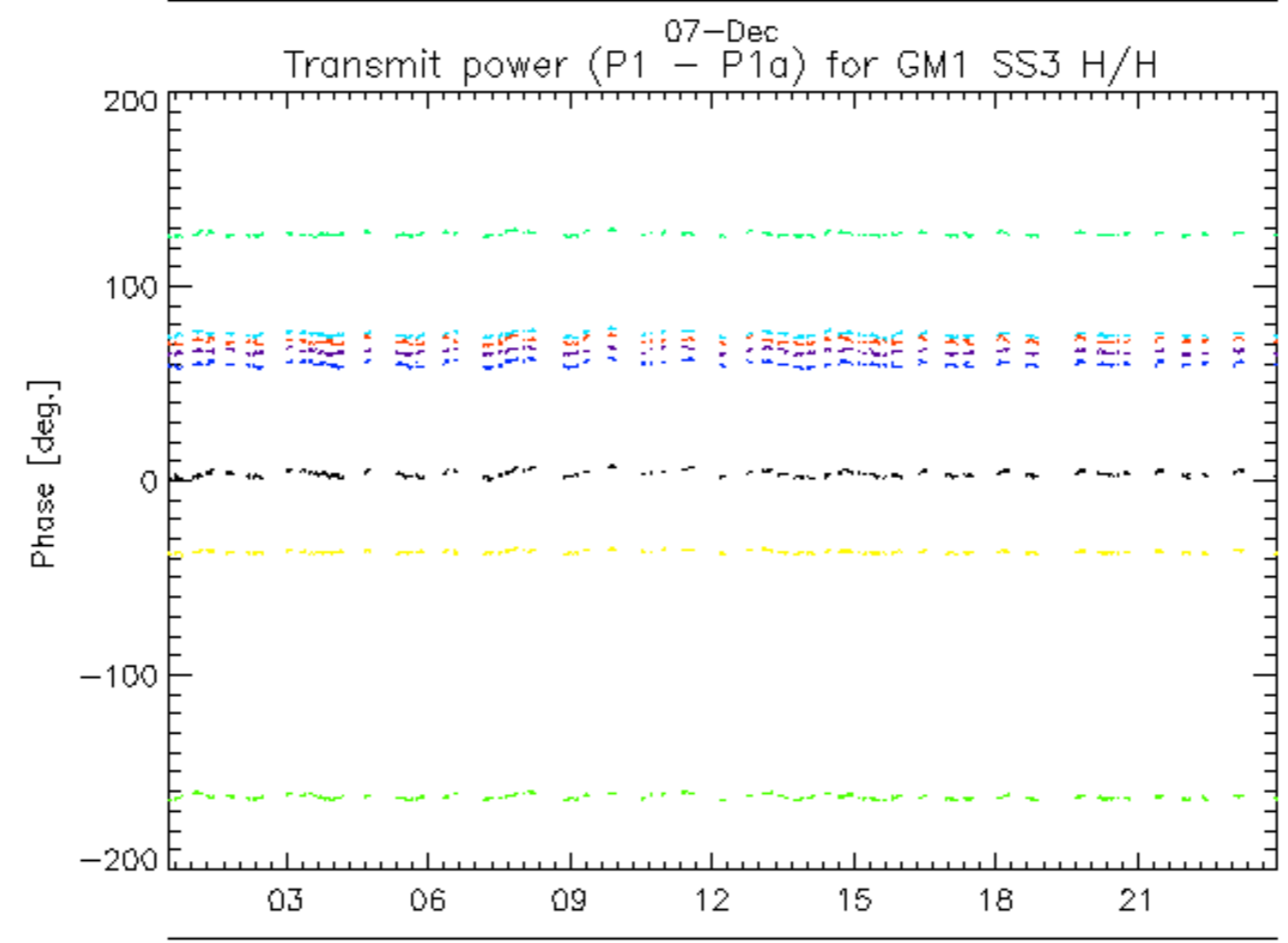
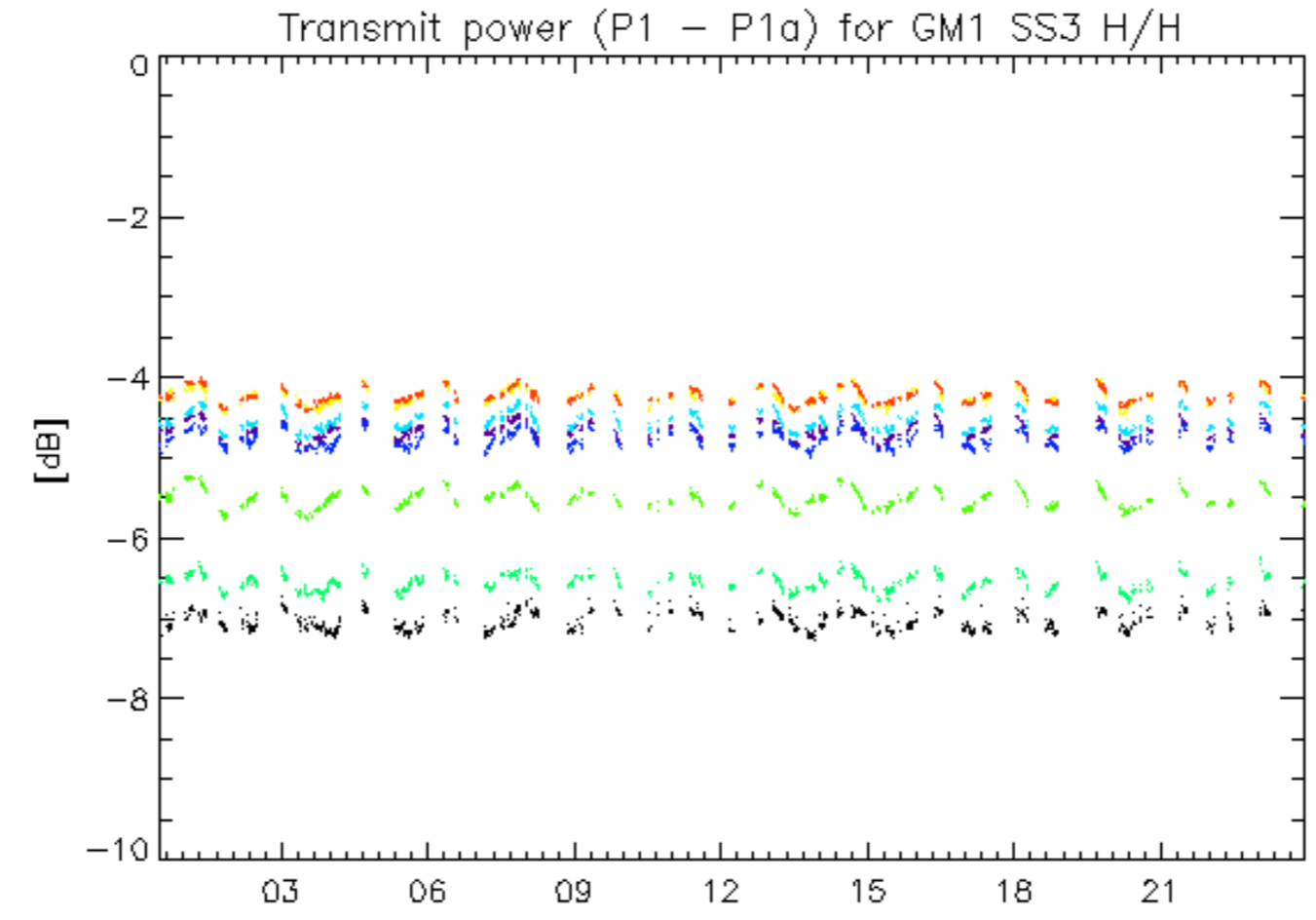


Calibration pulses for GM1 SS3 H/H



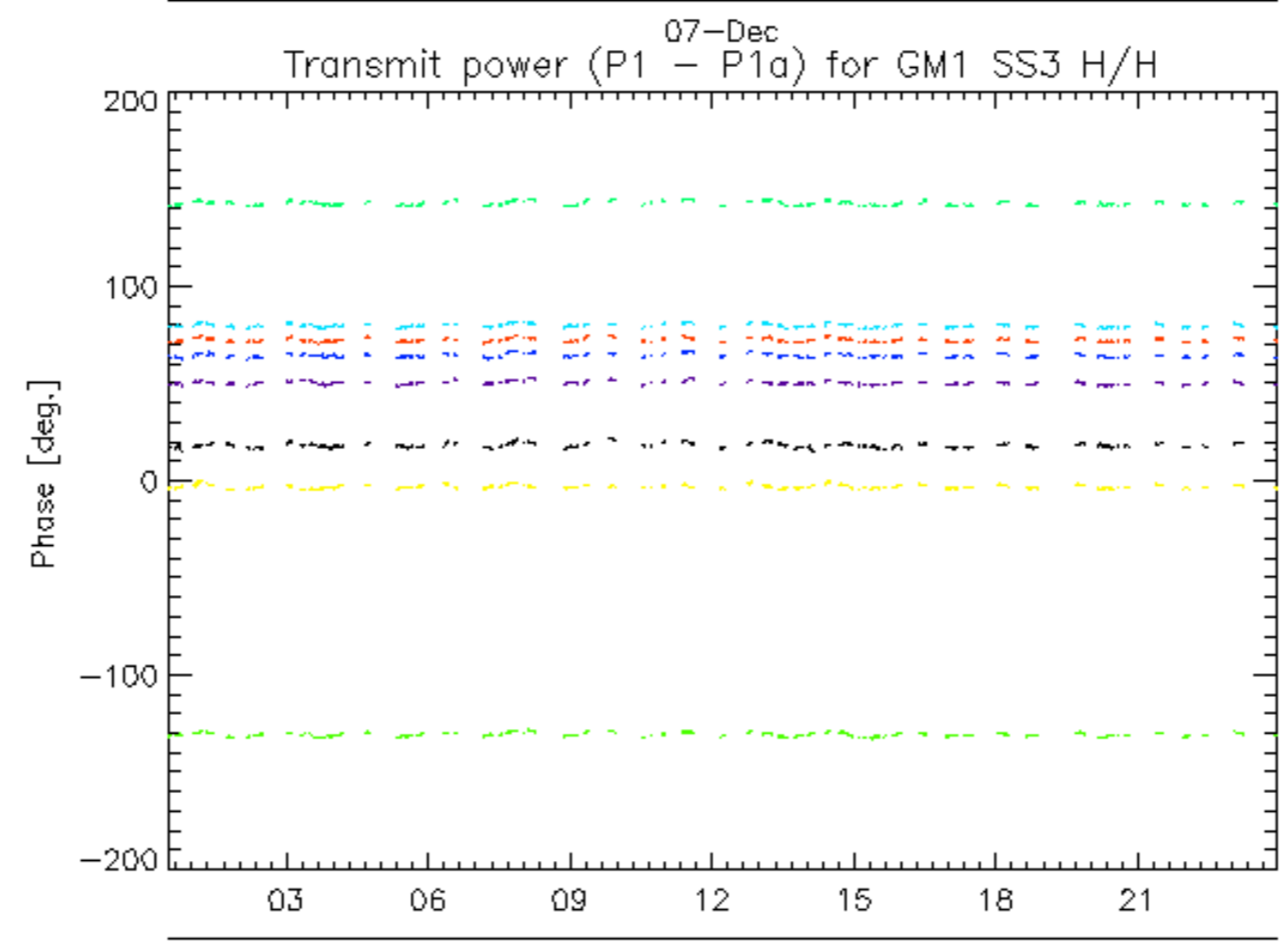
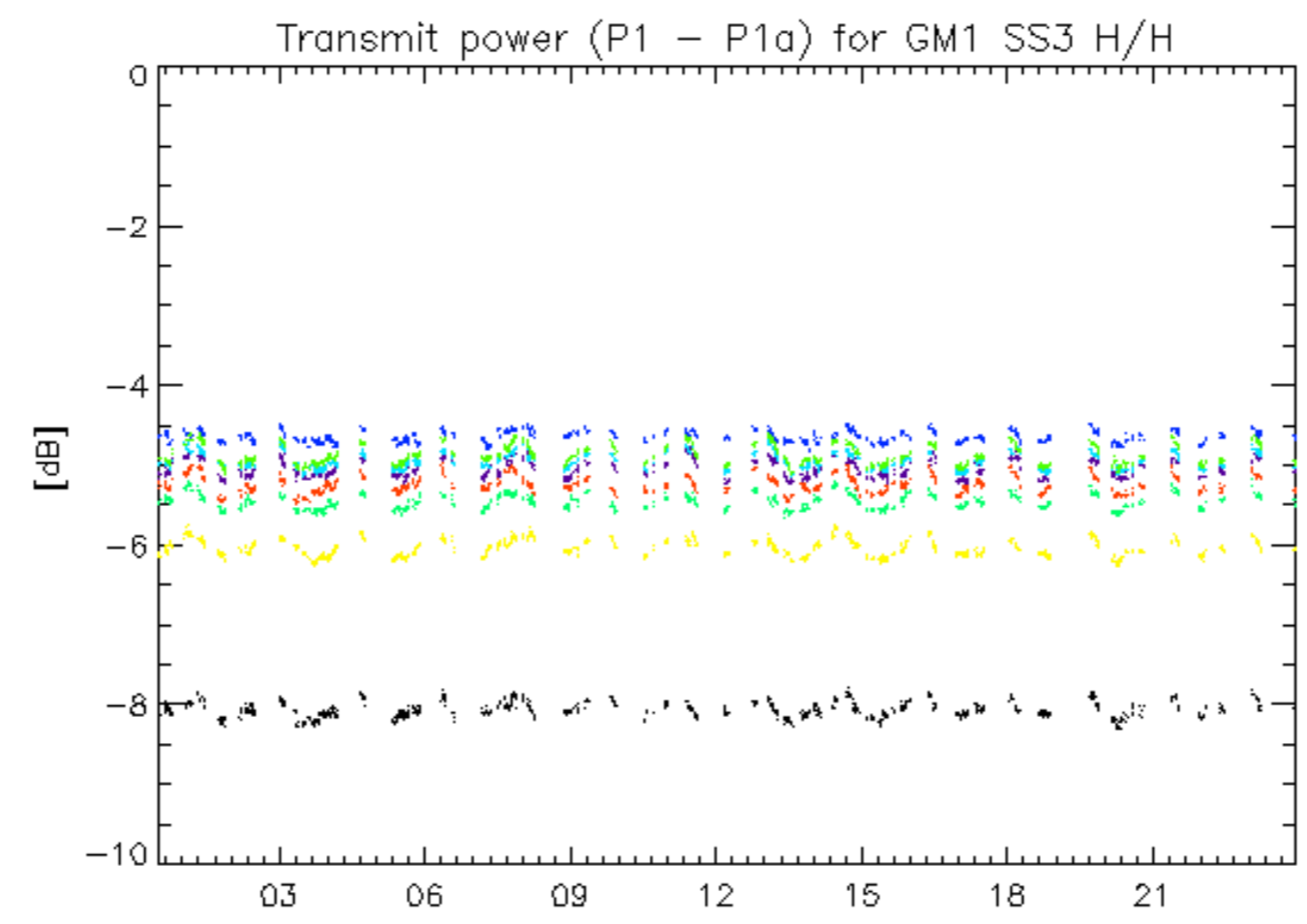
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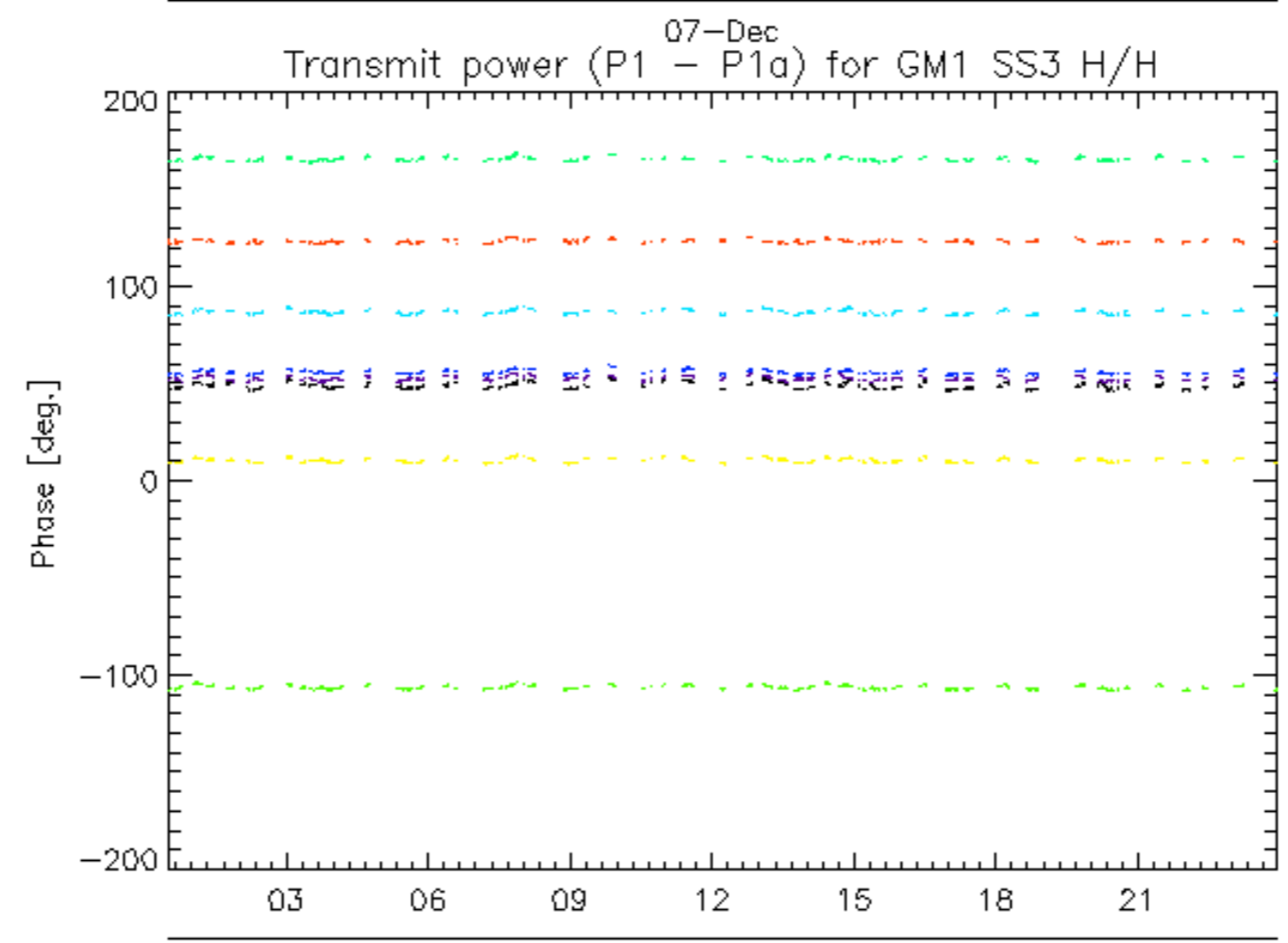
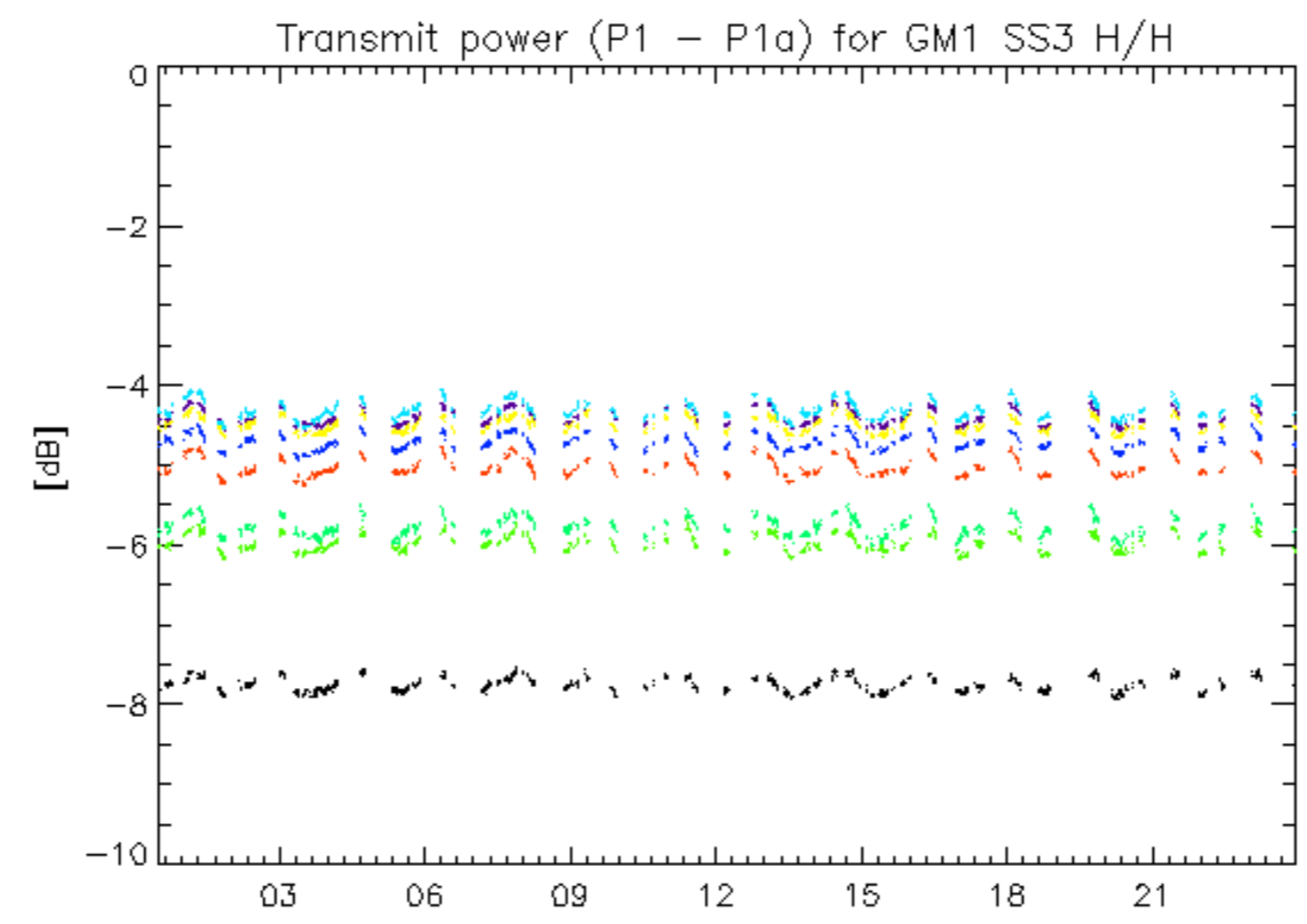


07-Dec  
rows: \_ 1 \_ 5 \_ 9 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29

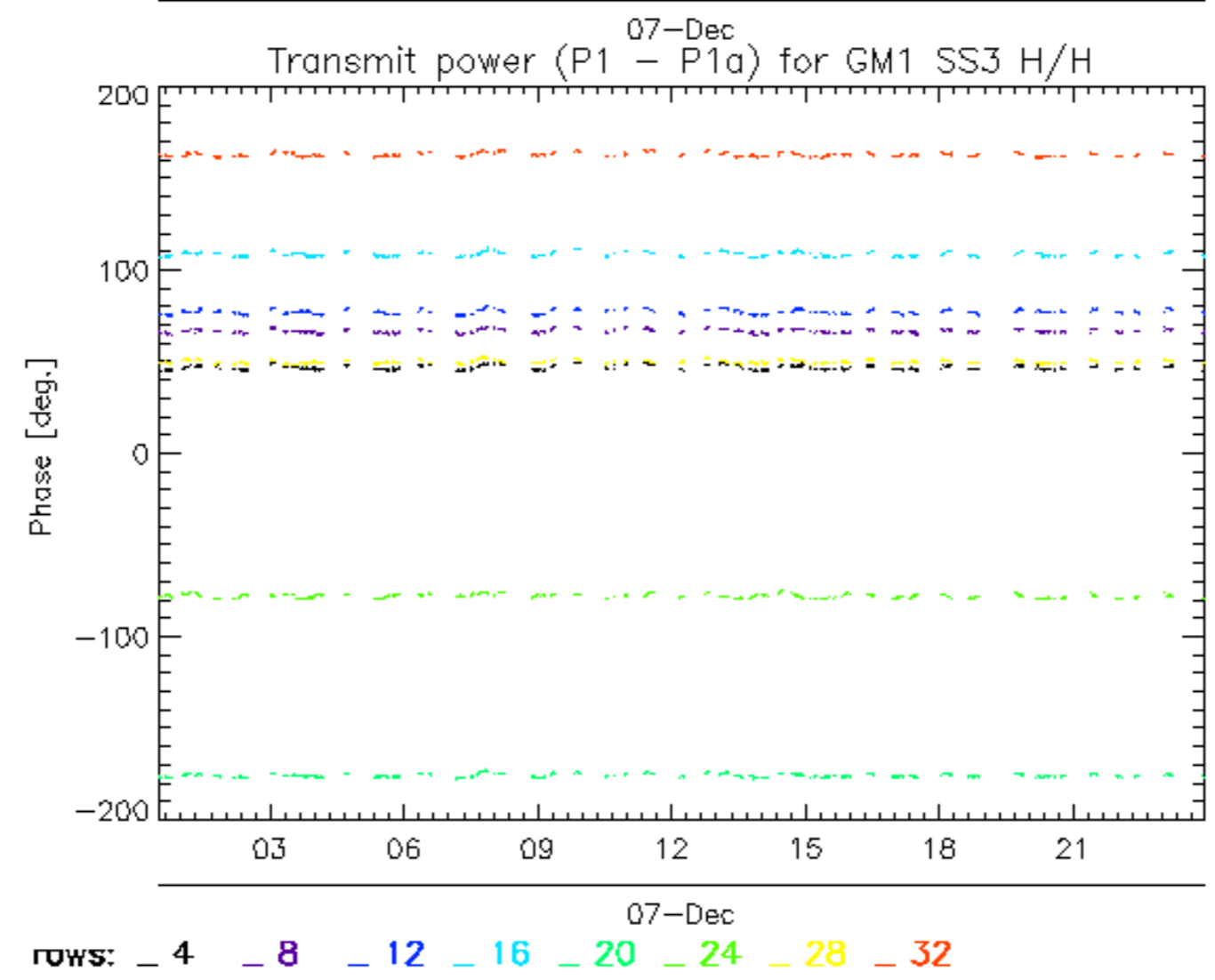
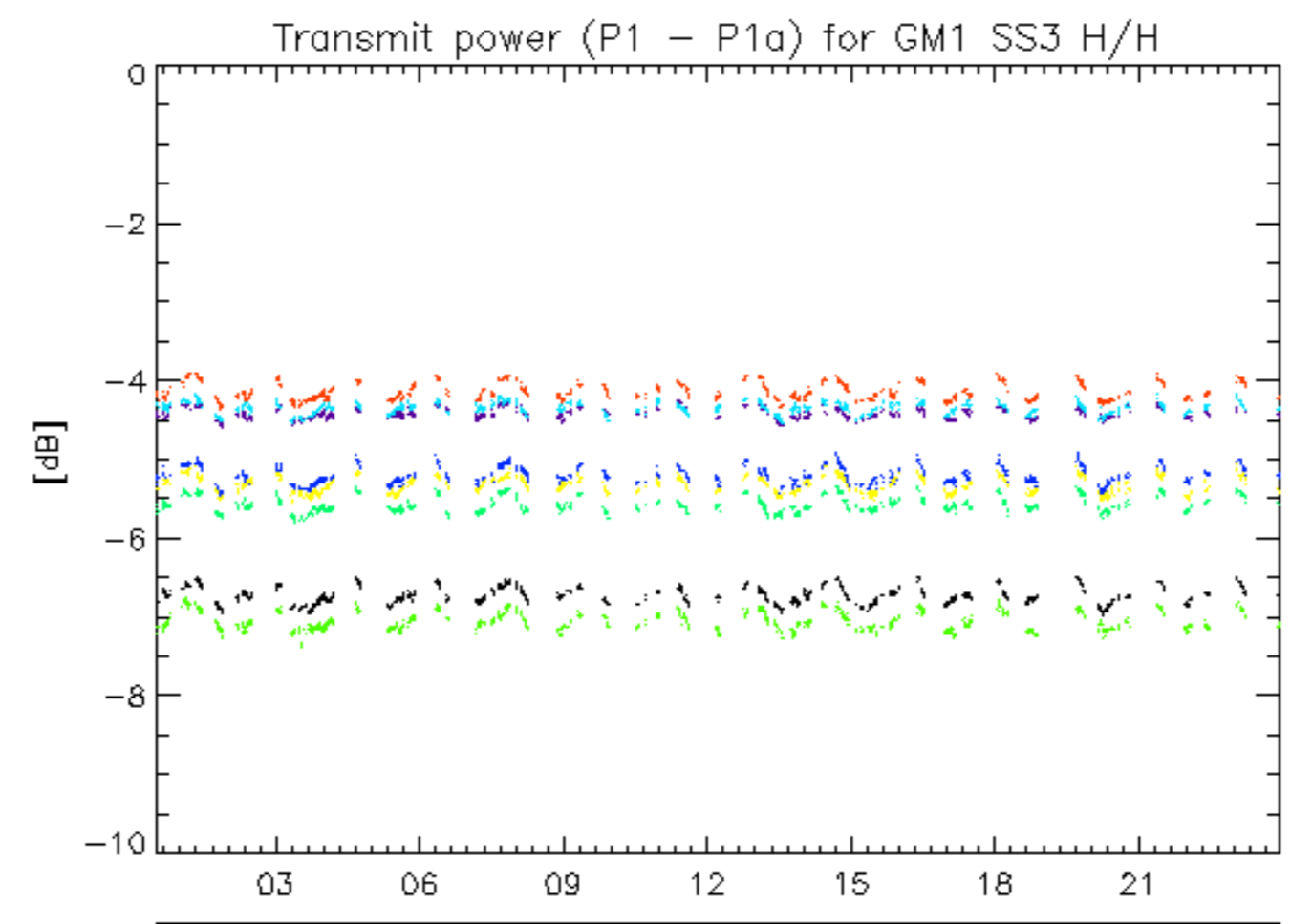




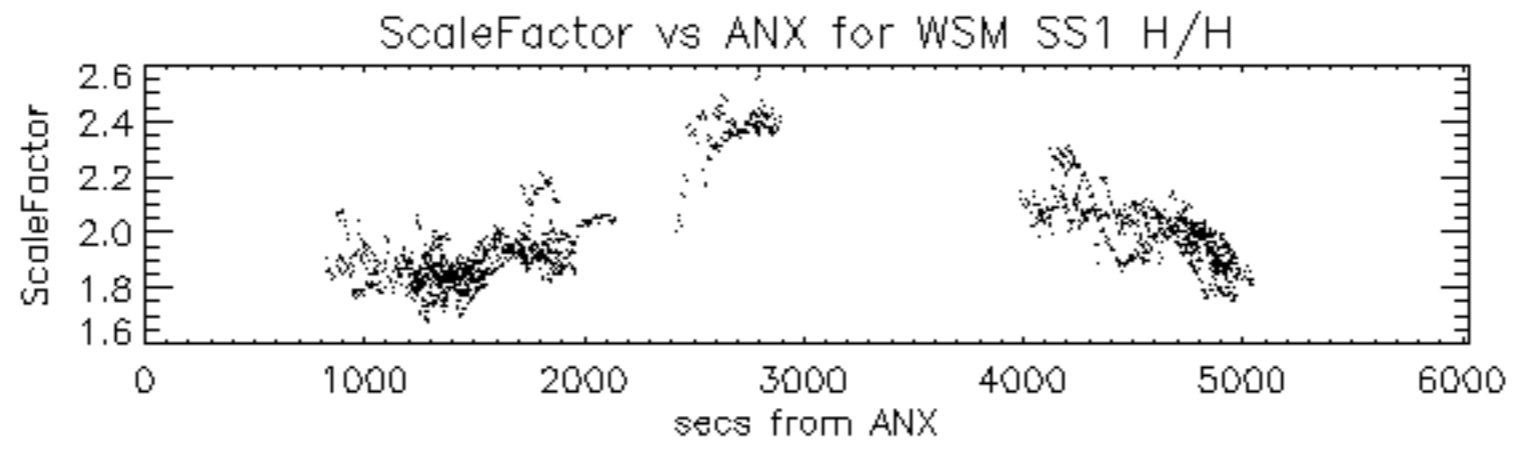
07-Dec  
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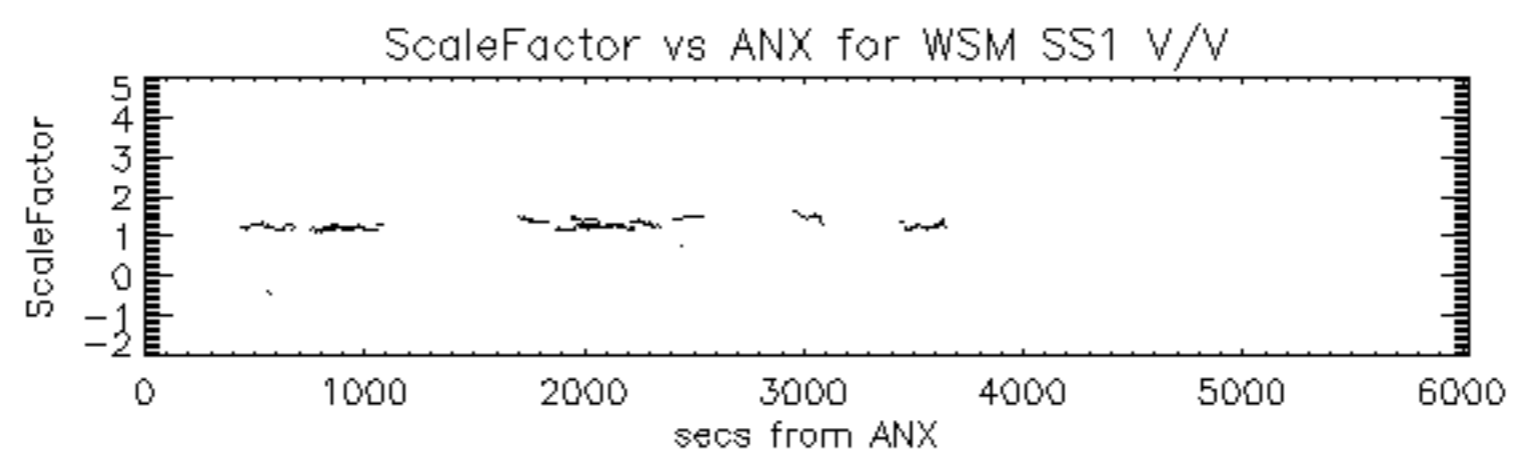


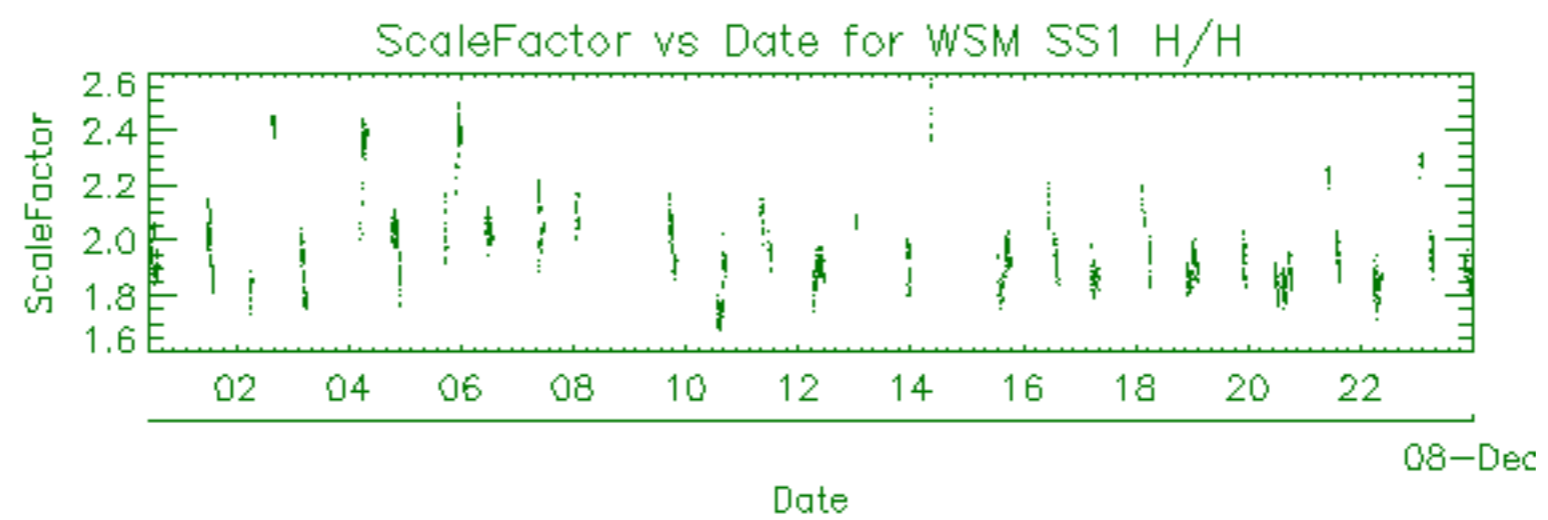
07-Dec  
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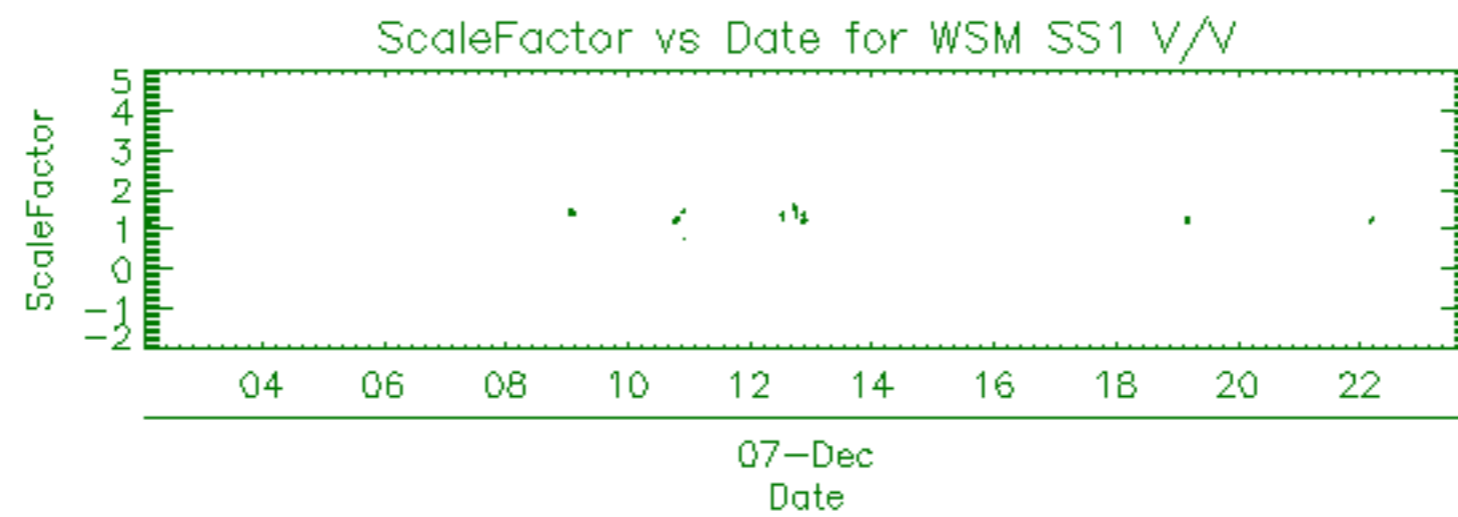














Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20101207_003024_000001443097_00146_45850_2734.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_003732_000005313097_00146_45850_2736.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_004757_000000723097_00146_45850_2741.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_010230_000001753097_00146_45850_2746.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_010638_000003503097_00146_45850_2751.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_011935_000005673097_00146_45850_2754.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_014424_000005983097_00146_45850_2768.N1						SS1	H/H	97	45850	146	5.04
ASA_GM1_1PNPDE20101207_021059_000002053097_00147_45851_2767.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_021704_000008523097_00147_45851_2778.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_025951_000004833097_00147_45851_2808.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_031855_000002653097_00147_45851_2807.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_032330_000001083097_00147_45851_2806.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_032756_000003263097_00147_45851_2797.N1						SS1	H/H	97	45851	147	5.04
ASA_GM1_1PNPDE20101207_033544_000000783097_00148_45852_2794.N1						SS1	H/H	97	45852	148	5.04
ASA_GM1_1PNPDE20101207_034103_000019213097_00148_45852_2819.N1						SS1	H/H	97	45852	148	5.04
ASA_GM1_1PNPDE20101207_044000_000003803097_00148_45852_2867.N1						SS1	H/H	97	45852	148	5.04
ASA_GM1_1PNPDE20101207_051933_000013233097_00149_45853_2854.N1						SS1	H/H	97	45853	149	5.04
ASA_GM1_1PNPDE20101207_054517_000006043097_00149_45853_2844.N1						SS1	H/H	97	45853	149	5.04
ASA_GM1_1PNPDK20101207_062015_000003923097_00149_45853_2005.N1						SS1	H/H	97	45853	149	5.04
ASA_GM1_1PNPDK20101207_063325_000001693097_00149_45853_2017.N1						SS1	H/H	97	45853	149	5.04
ASA_GM1_1PNPDK20101207_070948_000006283097_00150_45854_2019.N1						SS1	H/H	97	45854	150	5.04
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ASA_GM1_1PNPDK20101207_090427_000000783097_00151_45855_2063.N1						SS1	H/H	97	45855	151	5.04
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDE20101207_023424_000001523097_00147_45851_2763.N1						IS2	V/V	97	45851	147	5.04
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ASA_IMM_1PNPDE20101207_073355_000002363097_00150_45854_2884.N1						IS6	H/H	97	45854	150	5.04
ASA_IMM_1PNPDE20101207_142608_000000363097_00154_45858_2960.N1						IS4	V/V	97	45858	154	5.04
ASA_IMM_1PNPDE20101207_173107_000003033097_00156_45860_2966.N1						IS6	H/H	97	45860	156	5.04
ASA_IMM_1PNPDE20101207_201028_000001103097_00157_45861_2972.N1						IS4	H/H	97	45861	157	5.04
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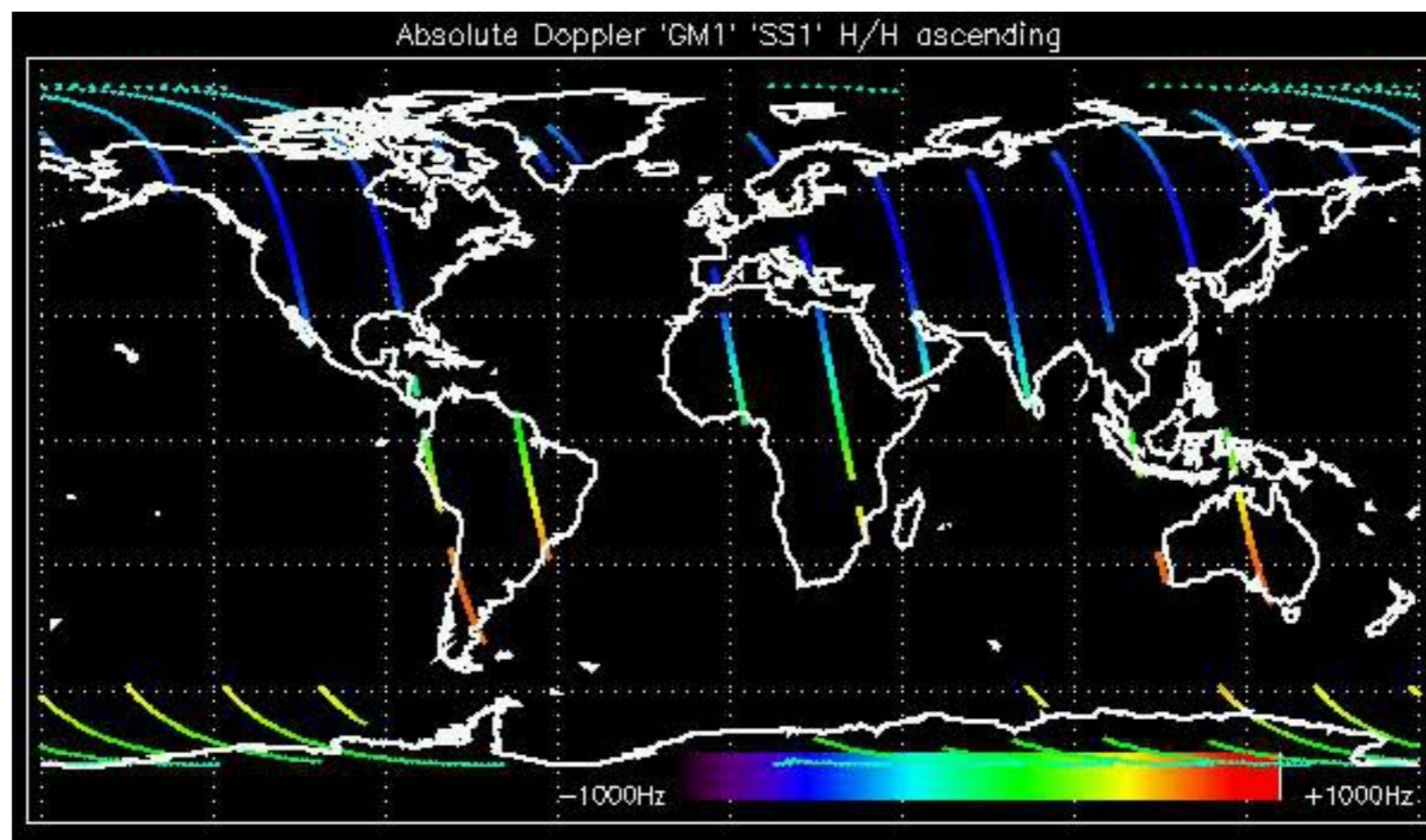
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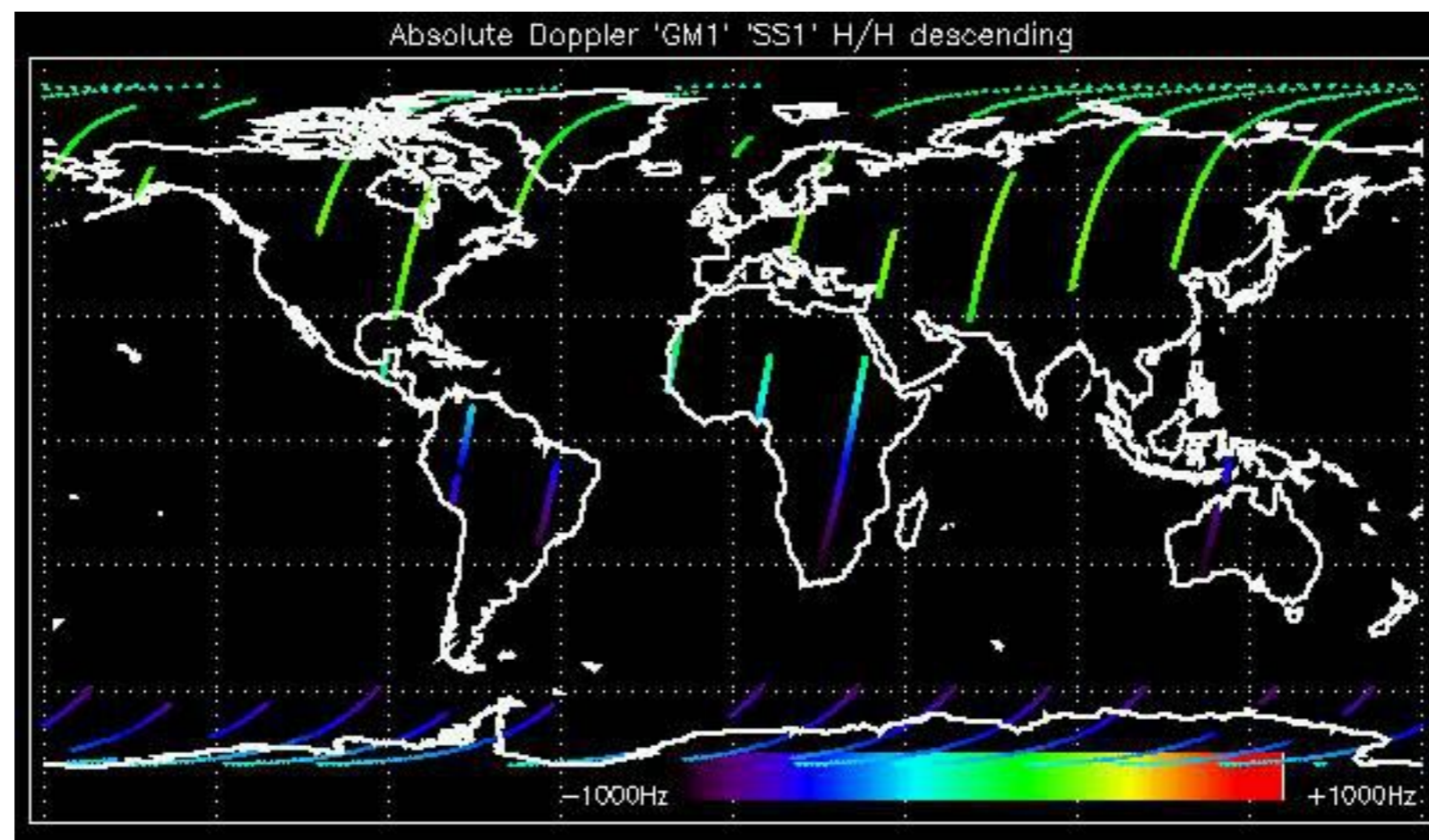




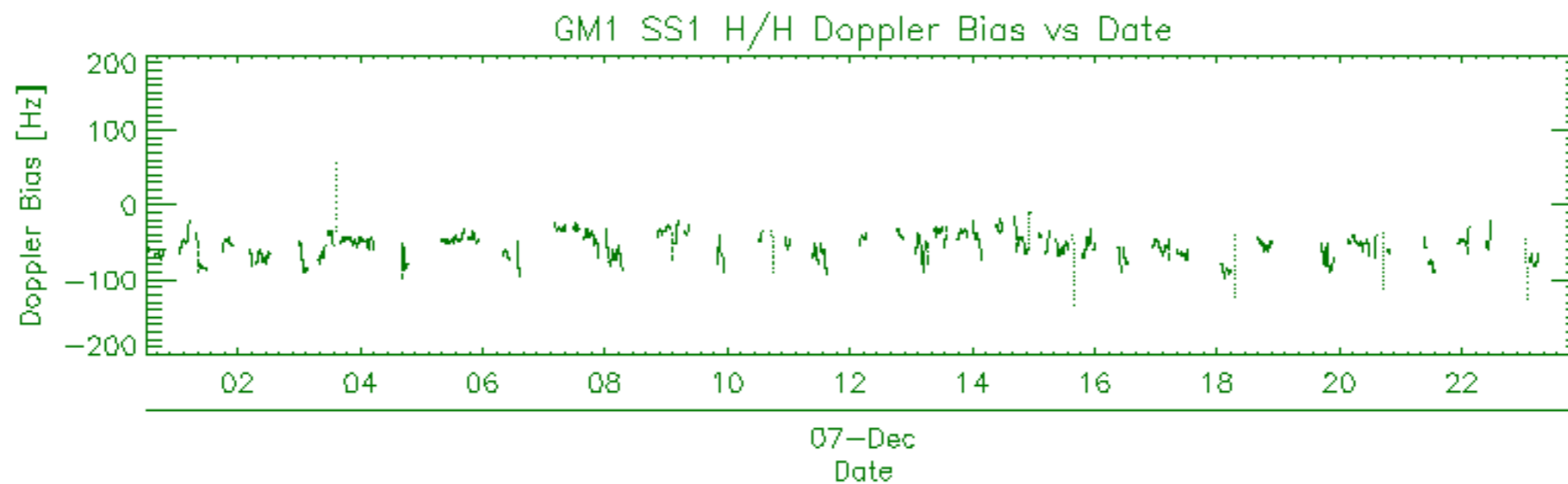
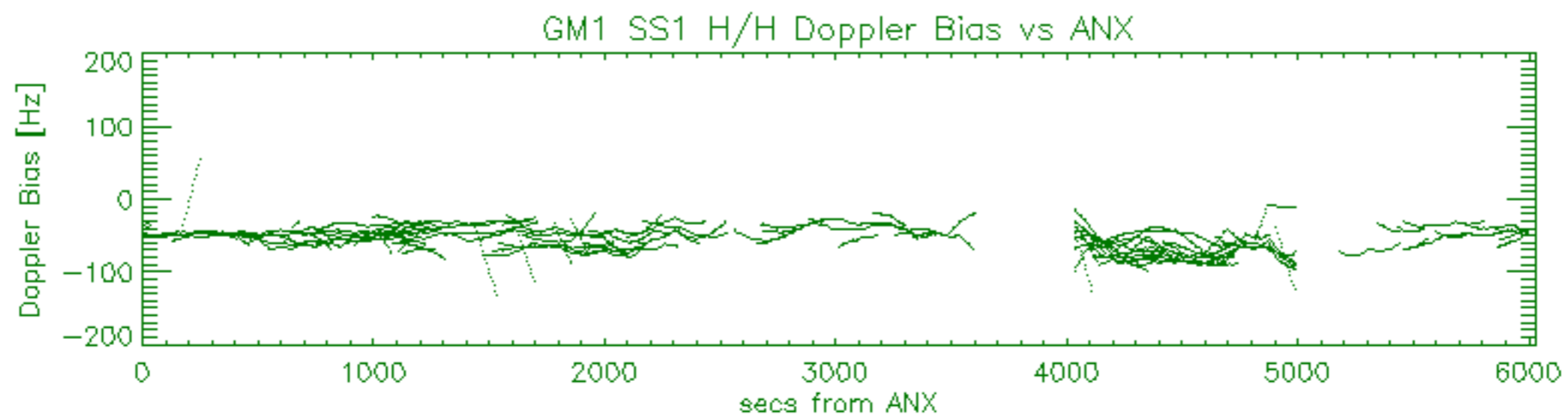
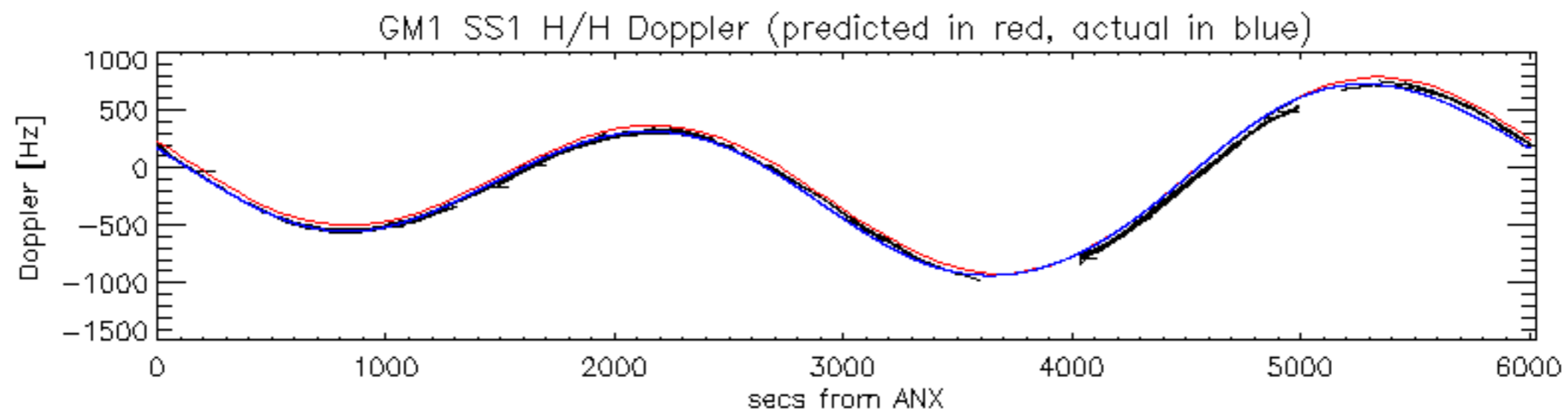
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ASA_WSM_1PNPDE20101207_012909_000004533097_00146_45850_2755.N1						SS1	H/H	97	45850	146	5.04
ASA_WSM_1PNPDE20101207_020453_000003613097_00147_45851_2777.N1						SS1	V/V	97	45851	147	5.04
ASA_WSM_1PNPDE20101207_021429_000001533097_00147_45851_2789.N1						SS1	H/H	97	45851	147	5.04
ASA_WSM_1PNPDE20101207_023829_000001533097_00147_45851_2764.N1						SS1	H/H	97	45851	147	5.04
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ASA_WSM_1PNPDE20101207_072139_000004653097_00150_45854_2883.N1						SS1	H/H	97	45854	150	5.04
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ASA_WSM_1PNPDK20101207_154010_000001653097_00155_45859_2164.N1						SS1	H/H	97	45859	155	5.04
ASA_WSM_1PNPDE20101207_154133_000003493097_00155_45859_2962.N1						SS1	H/H	97	45859	155	5.04
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ASA_WSM_1PNPDK20101207_221352_000001903097_00159_45863_2279.N1						SS1	H/H	97	45863	159	5.04
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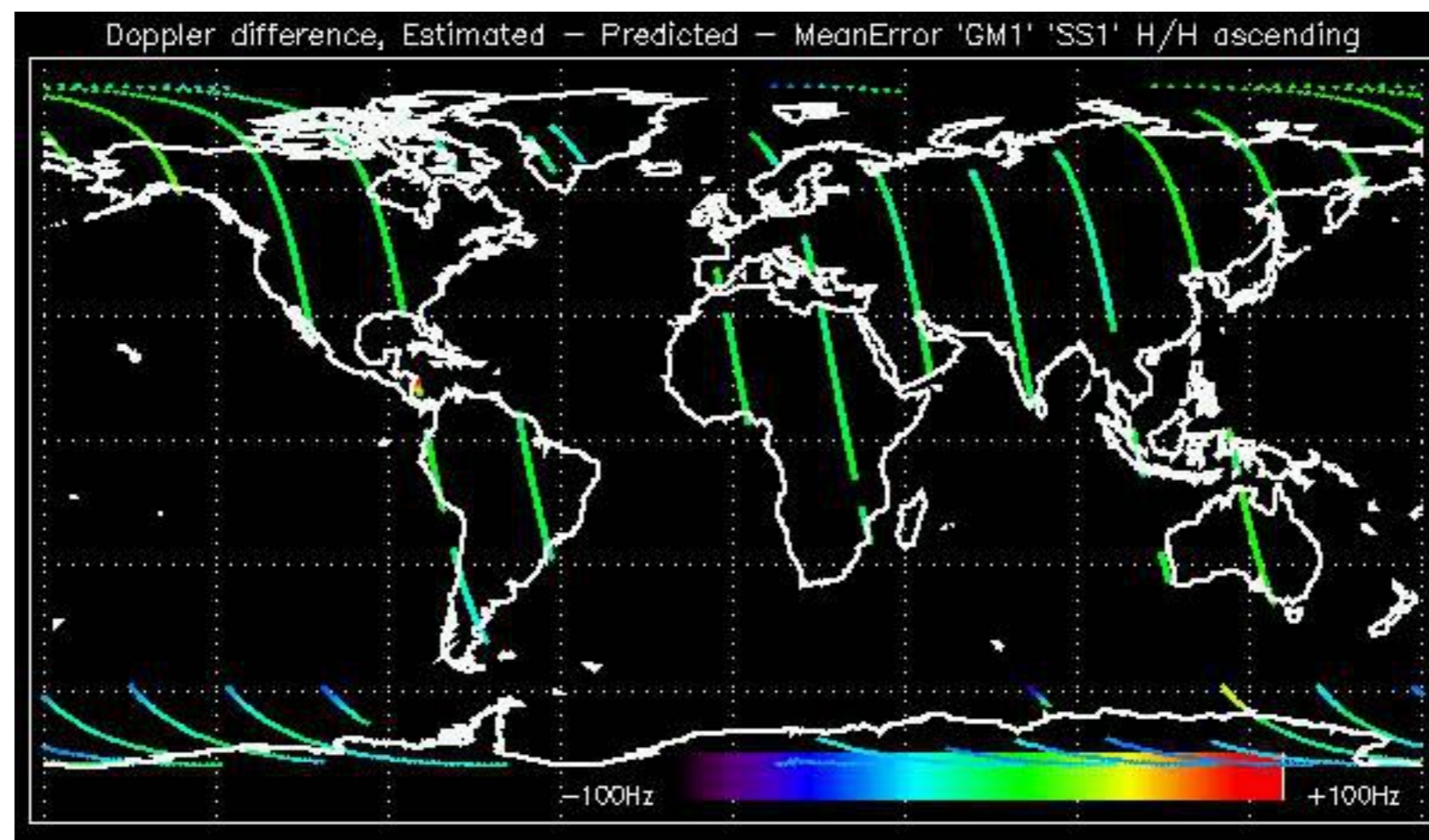
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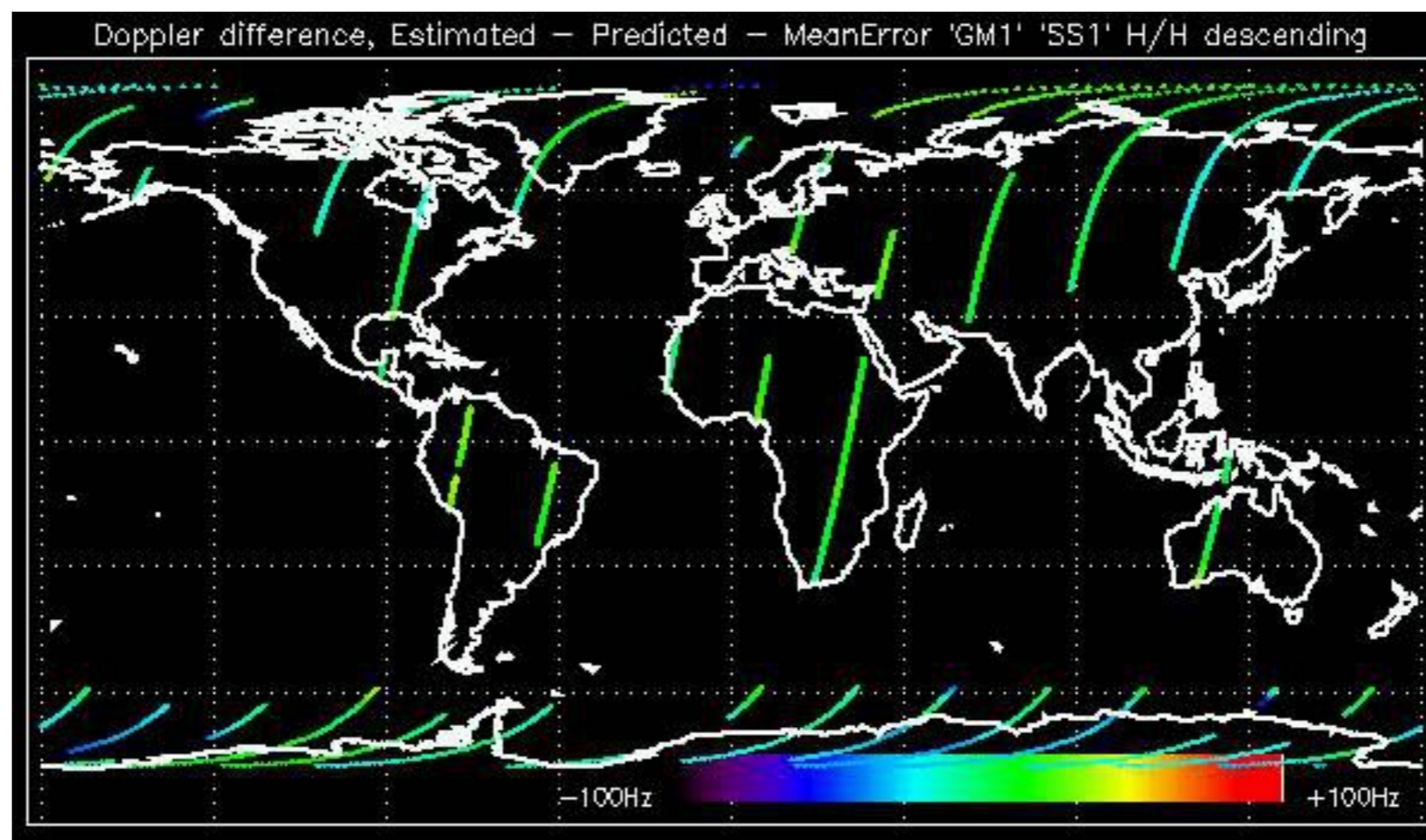


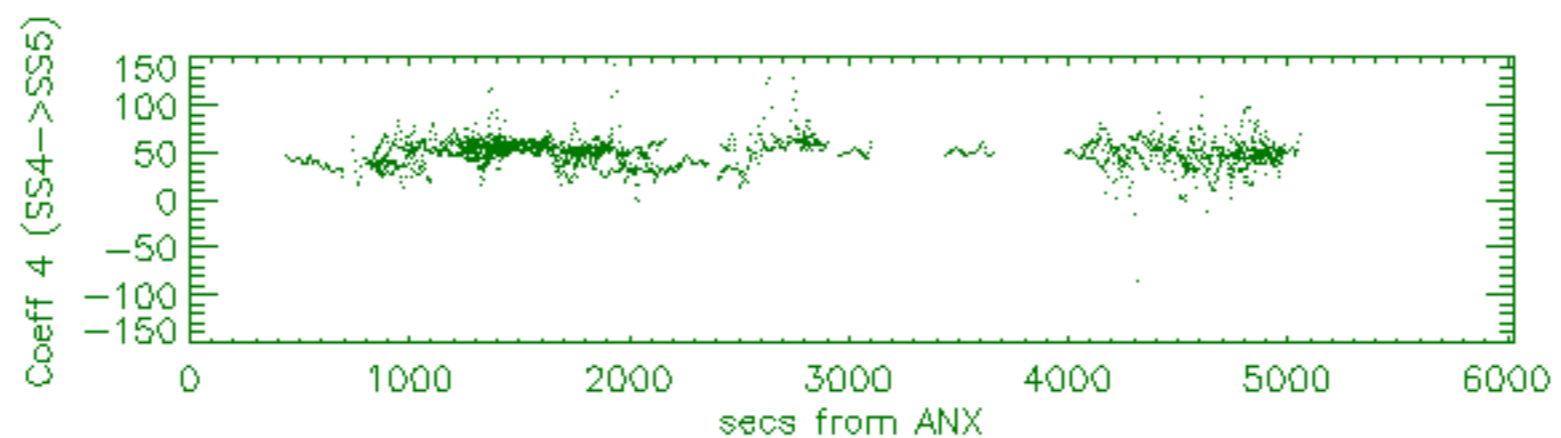
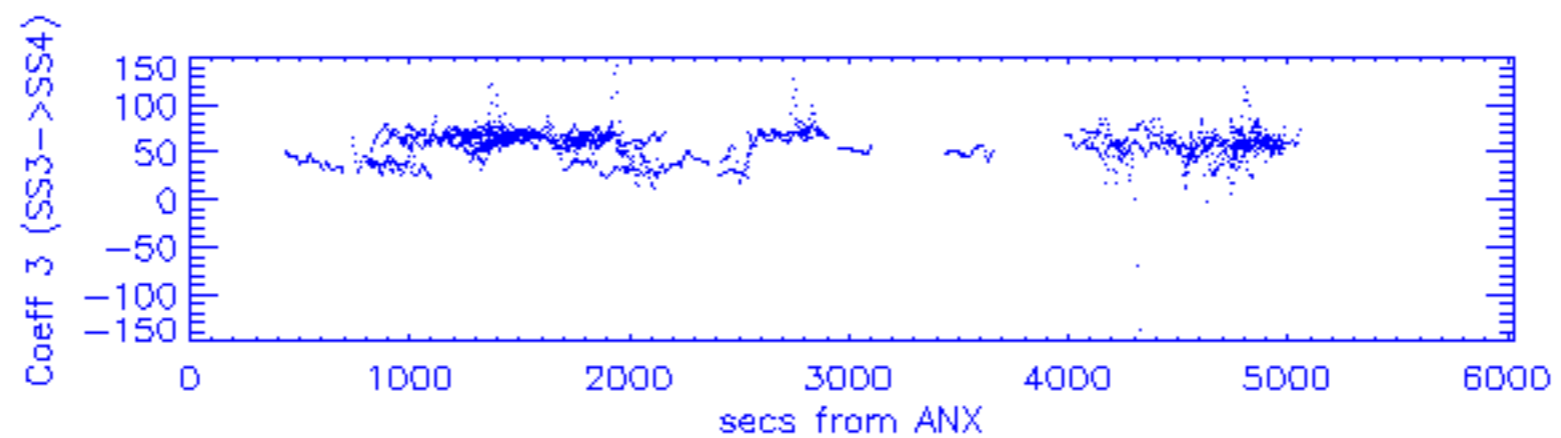
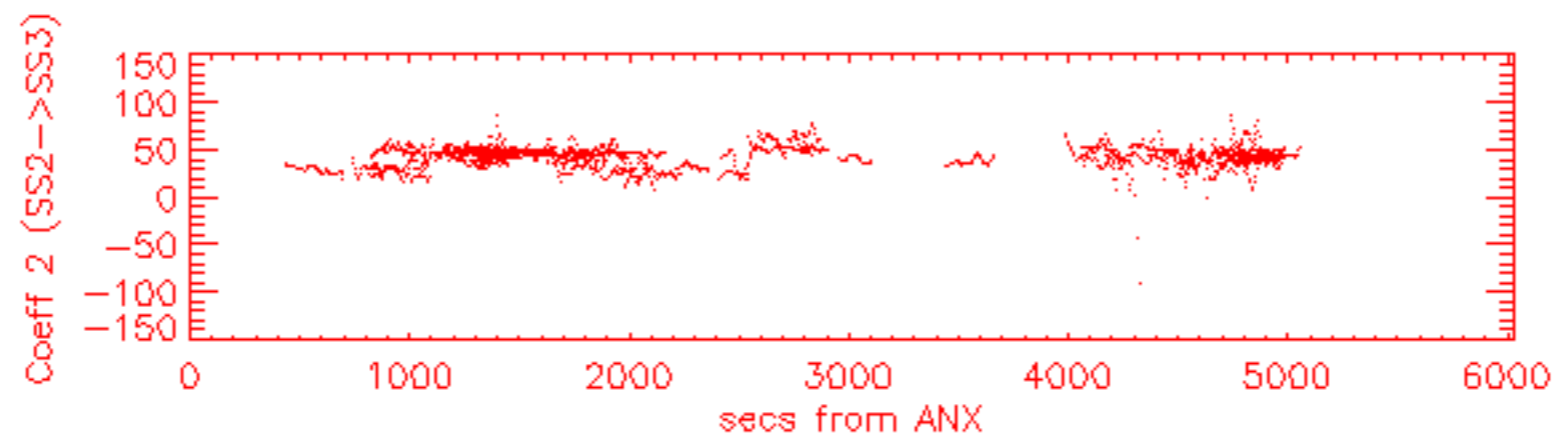
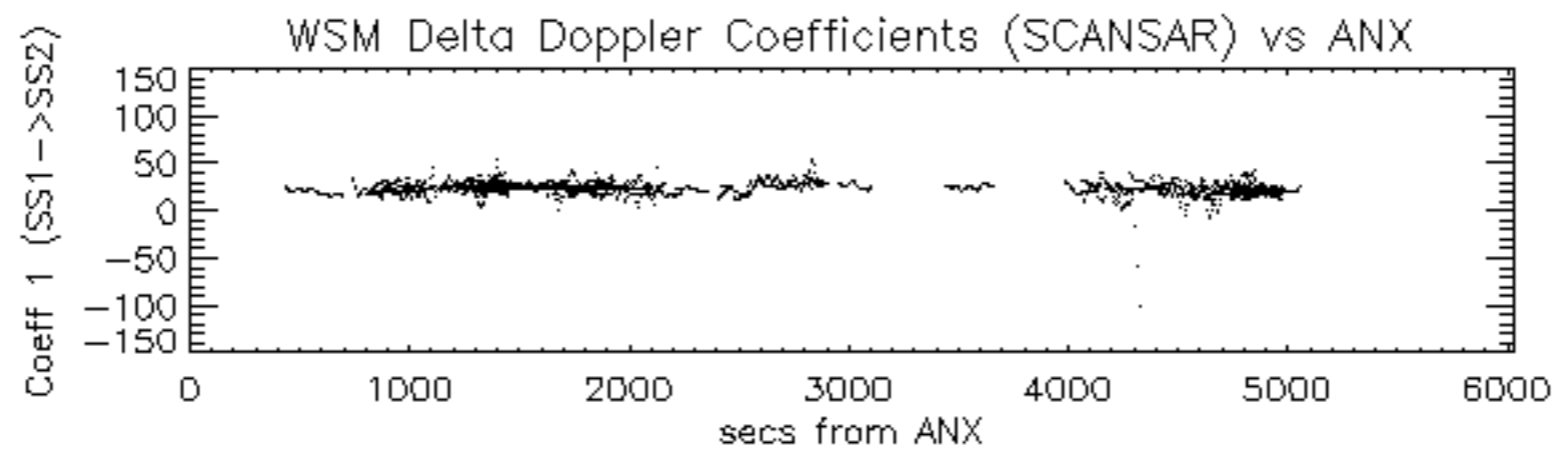




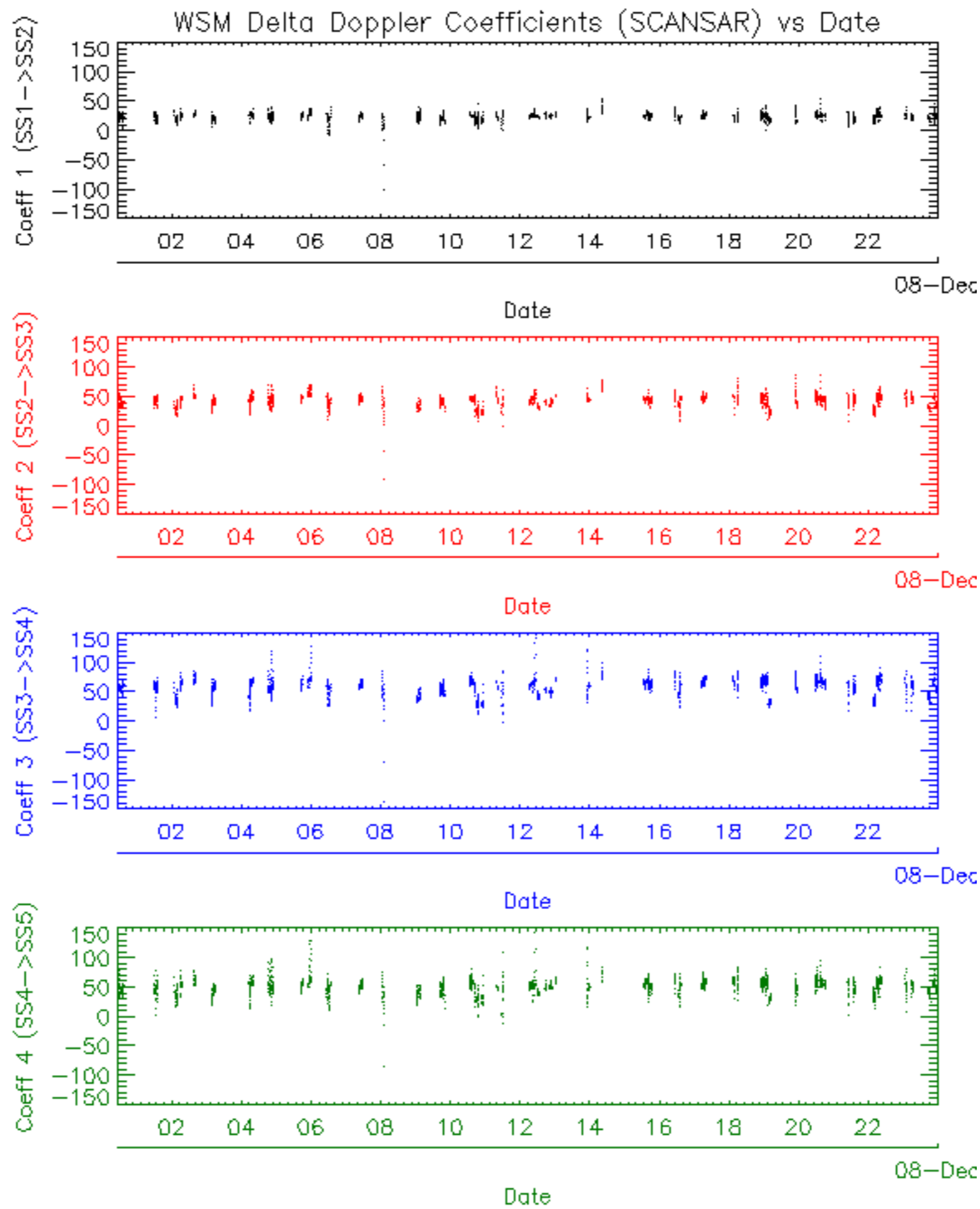




















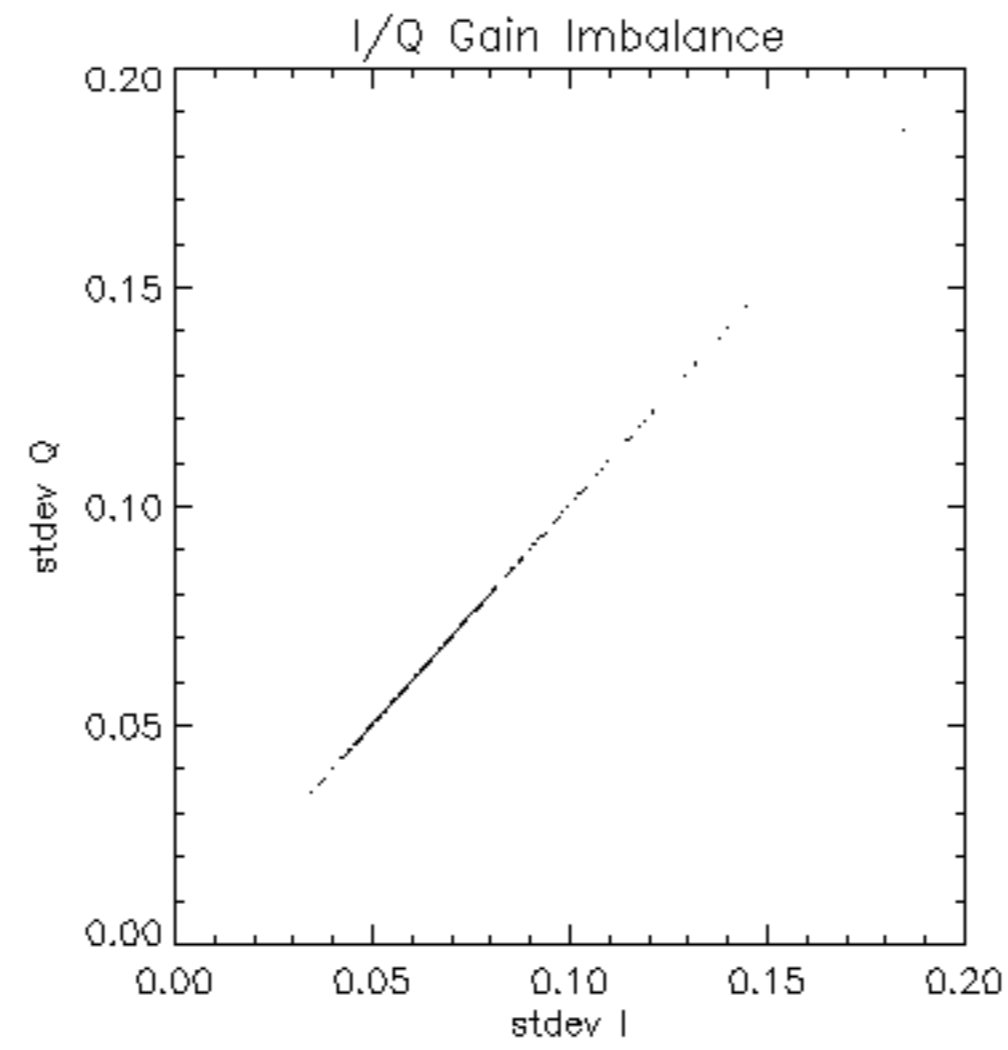




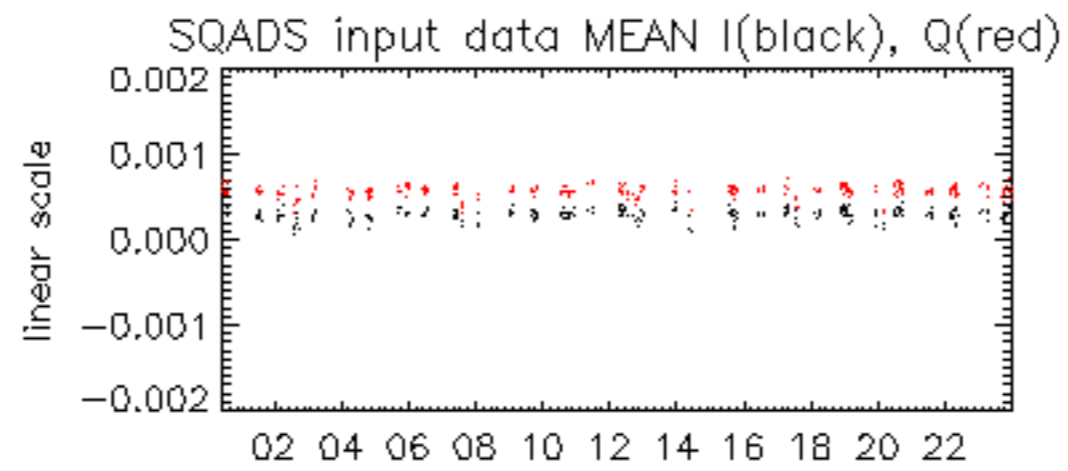




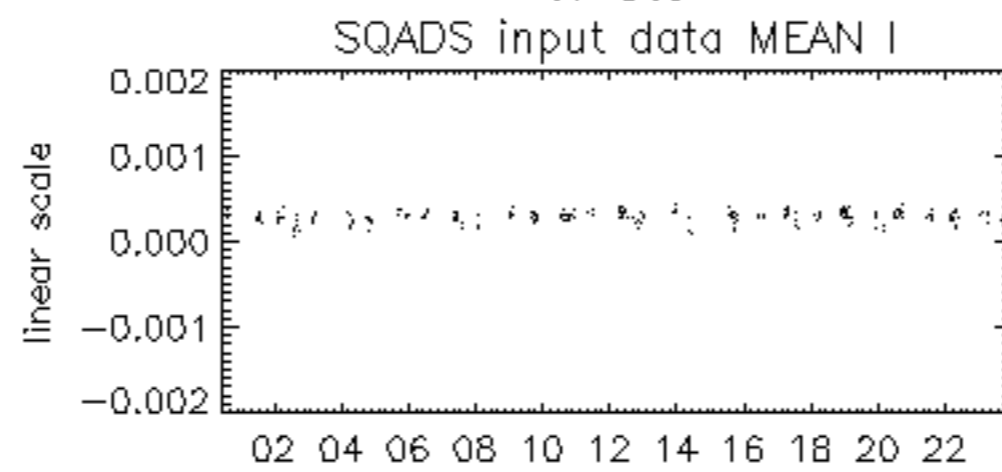




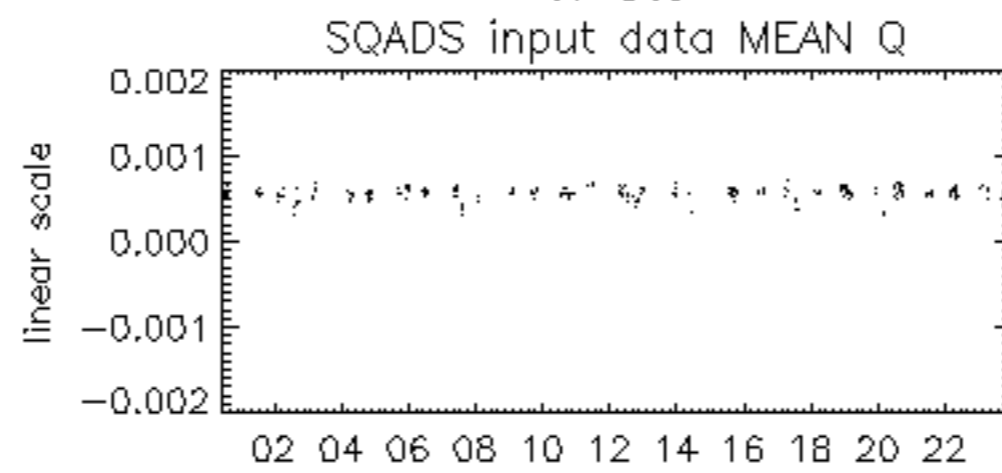




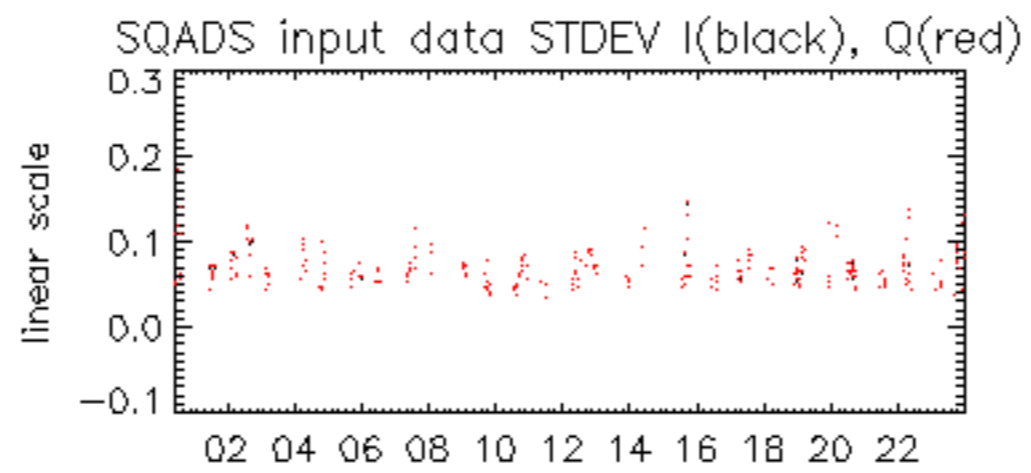
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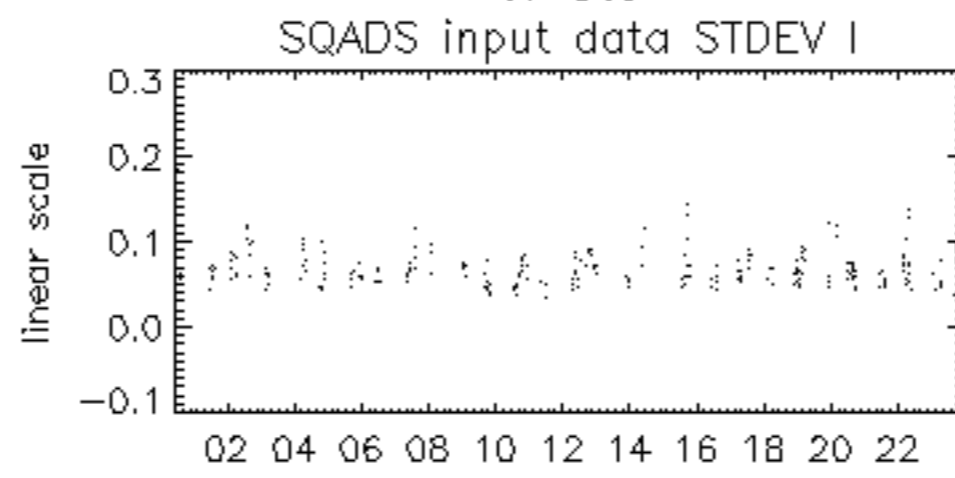
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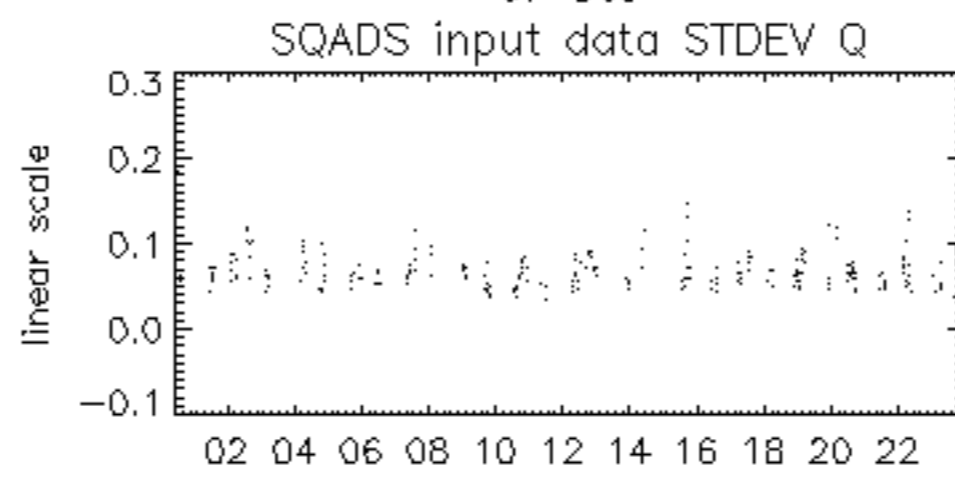
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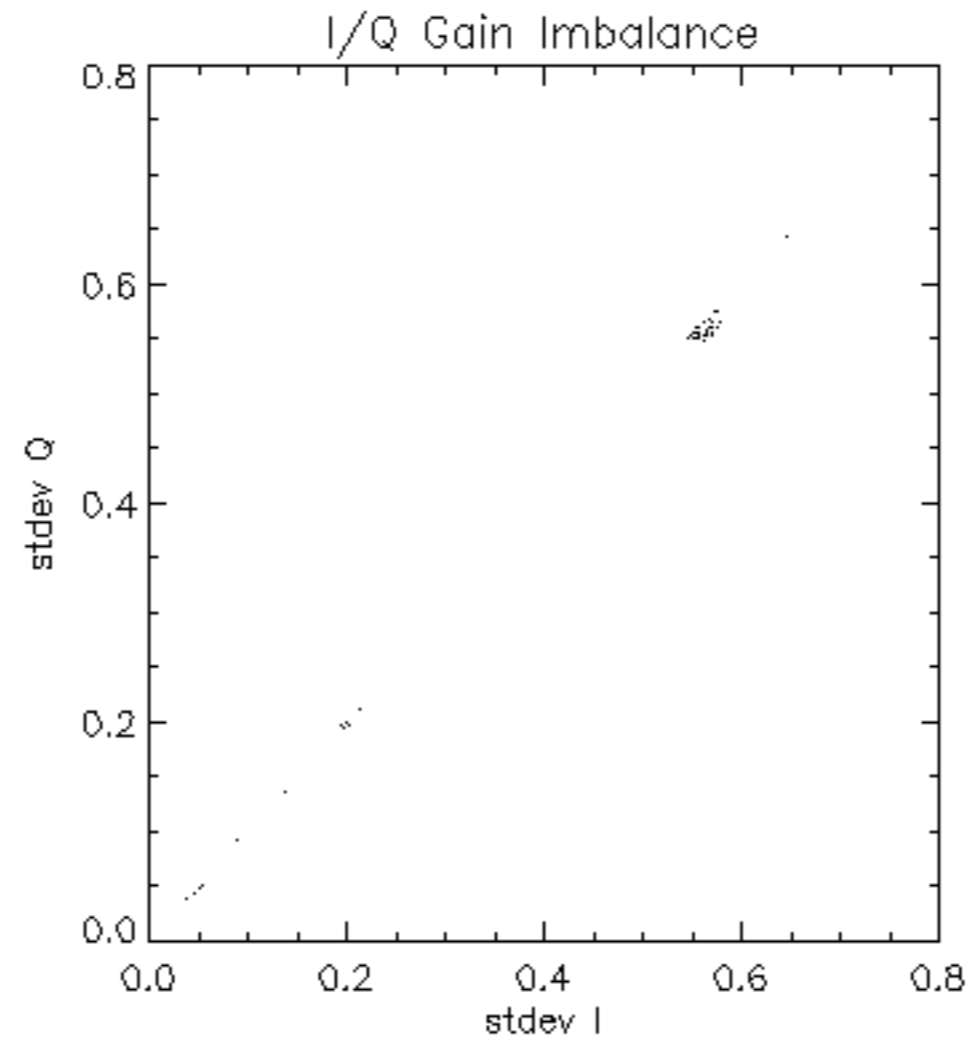
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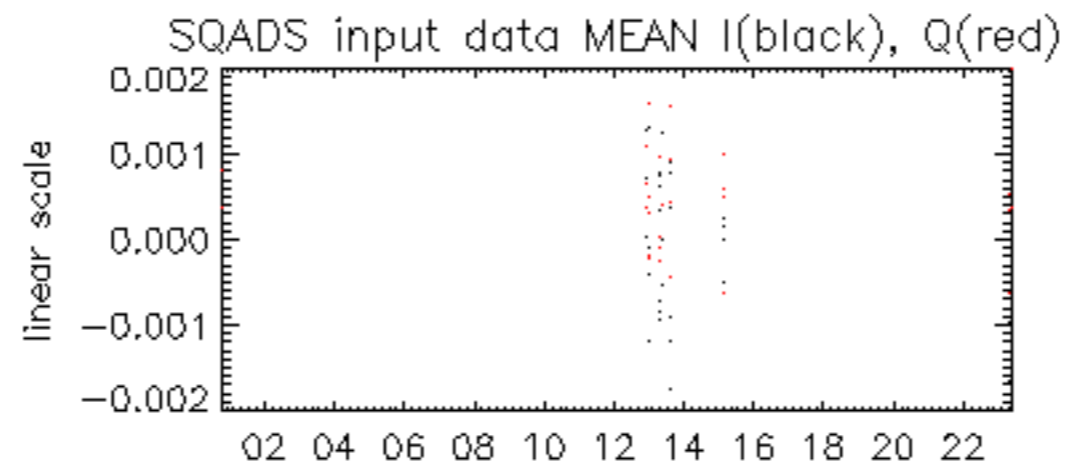


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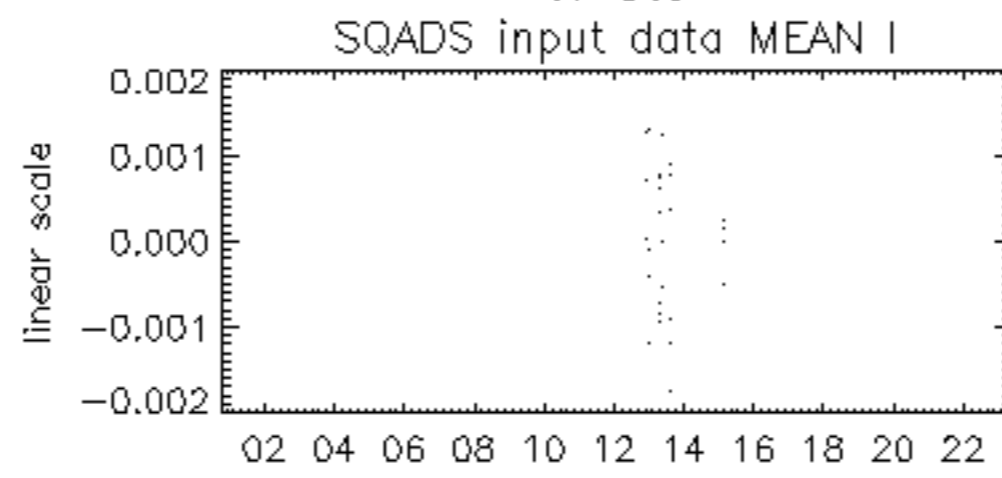


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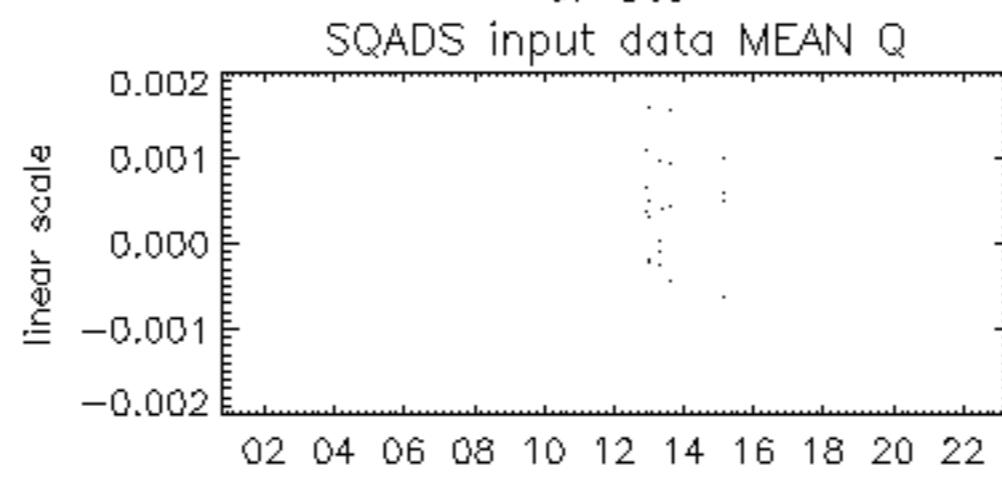




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