



Analysis from 24-DEC-2010 00:00:00 to 24-DEC-2010 23:59:59. Page generated on 25-DEC-2010 07:32:27.  
View log file: ASAR\_Daily\_Report\_20101225\_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.

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	5	PDE	WS	H/H	38	PDE	IS4	H/H	2	PDE	IS2	H/H	1	PDE	WS	H/H	25	PDE	2010-12-24 05:57:18	H	320
PDE	IS2	V/V	28	PDK	WS	H/H	53	PDE	IS4	V/H	1	PDE	IS2	V/V	1	PDE	WS	V/V	9	PDK	2010-12-24 07:37:32	V	320
PDK	IS2	V/V	24									PDE	IS4	H/H	1	PDK	WS	H/H	8				
												PDE	IS5	H/H	1	PDK	WS	V/V	2				
												PDE	IS5	V/V	1								
												PDE	IS6	H/H	5								

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20101222_141422_20100317_120410_20141231_000000
ASA_INS_AXVIEC20101222_143805_20101022_000000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

### 2.2 - Products with wrong ADFs

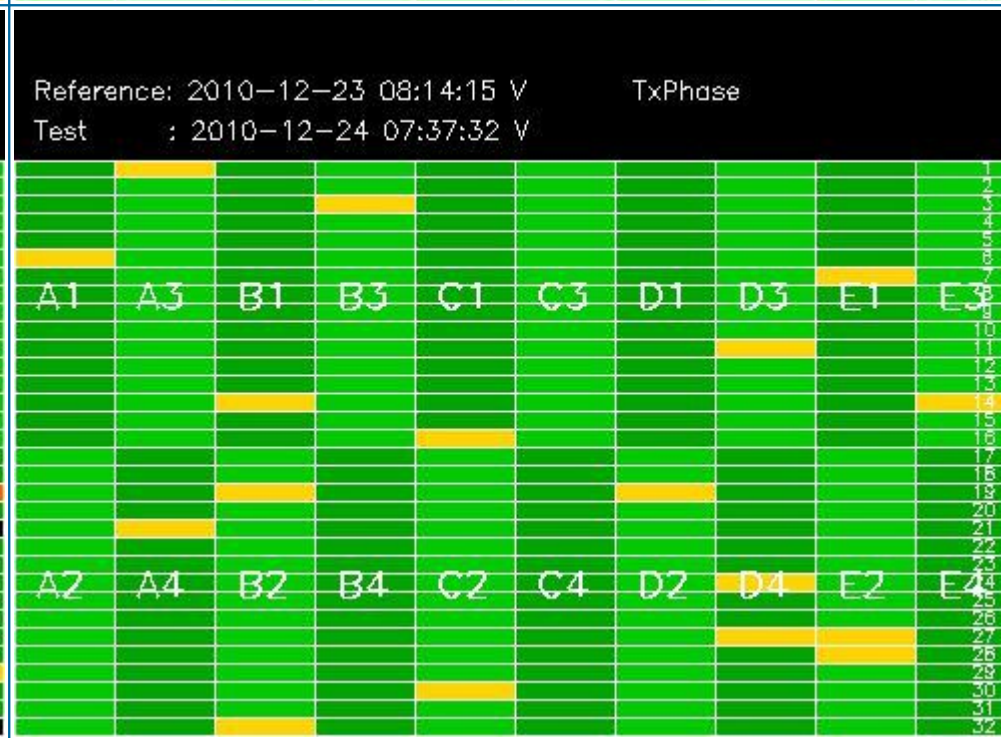
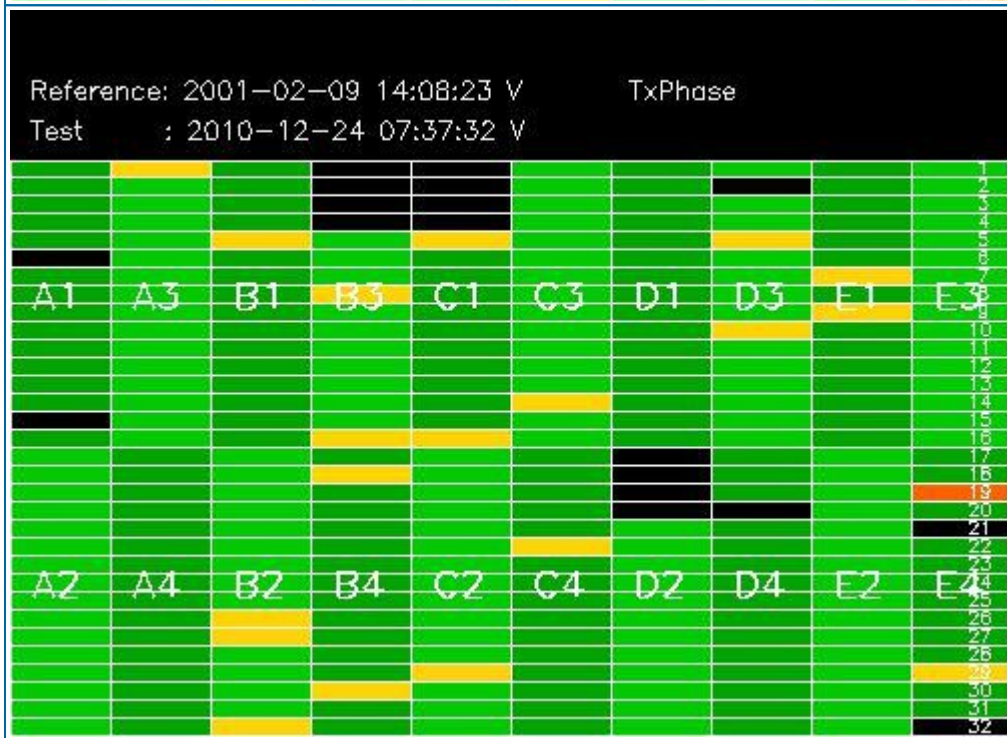
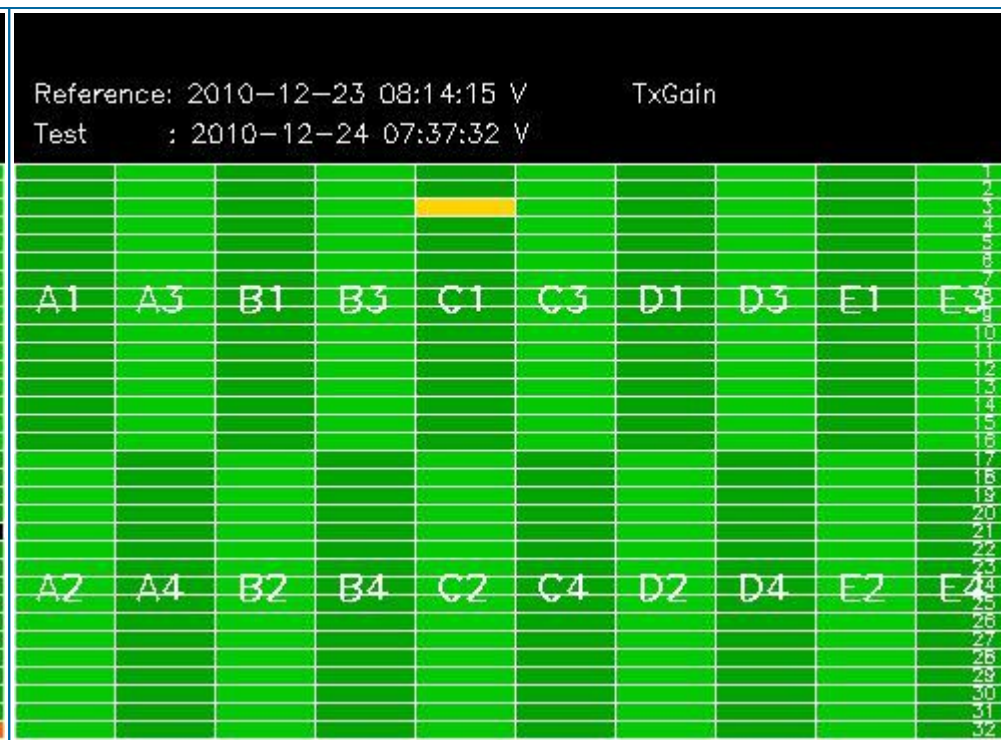
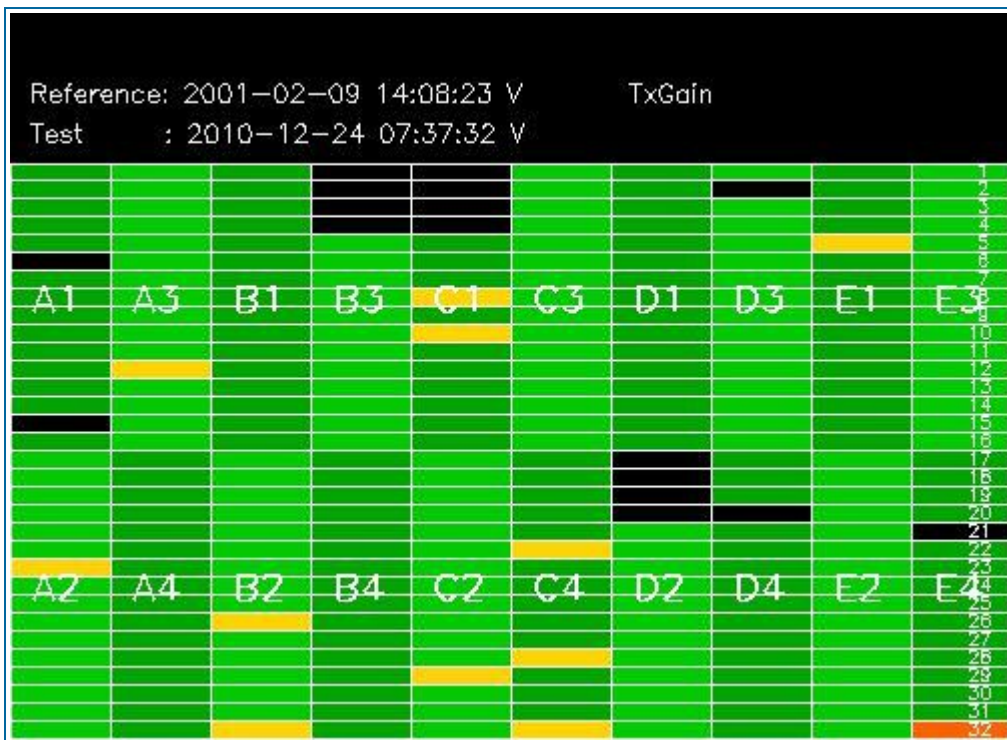
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS



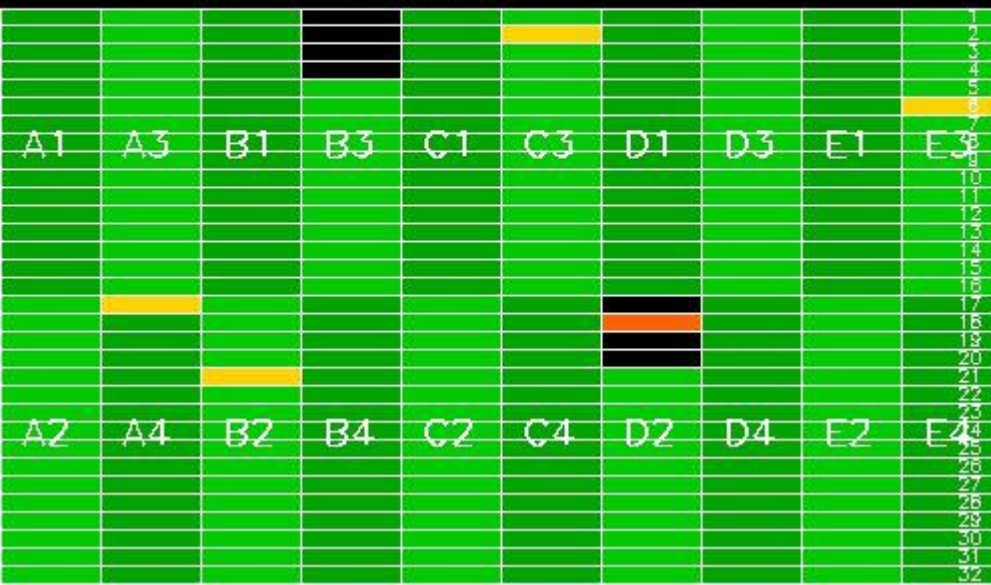


### 3.2 - H/H polarisation

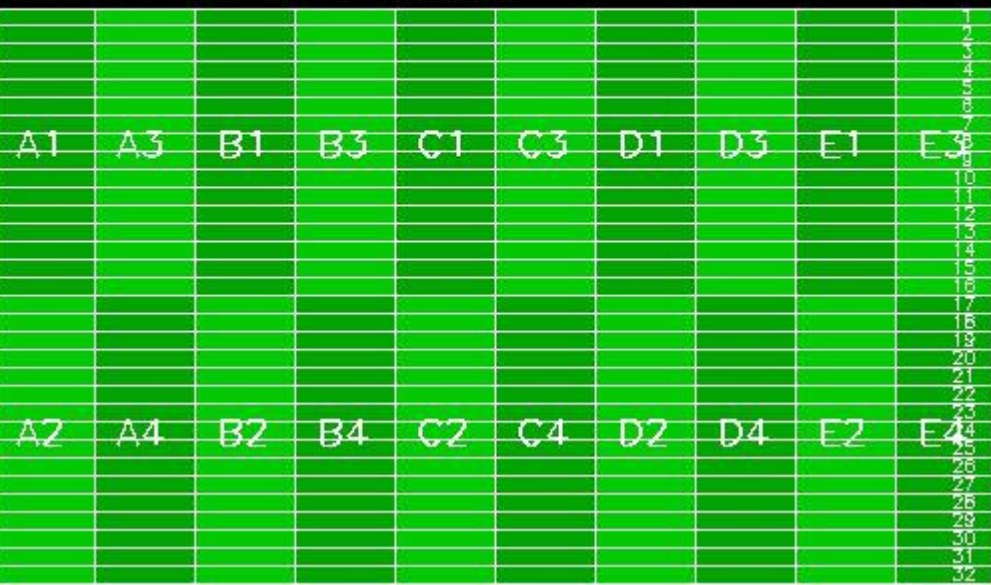
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-12-24 05:57:18 H



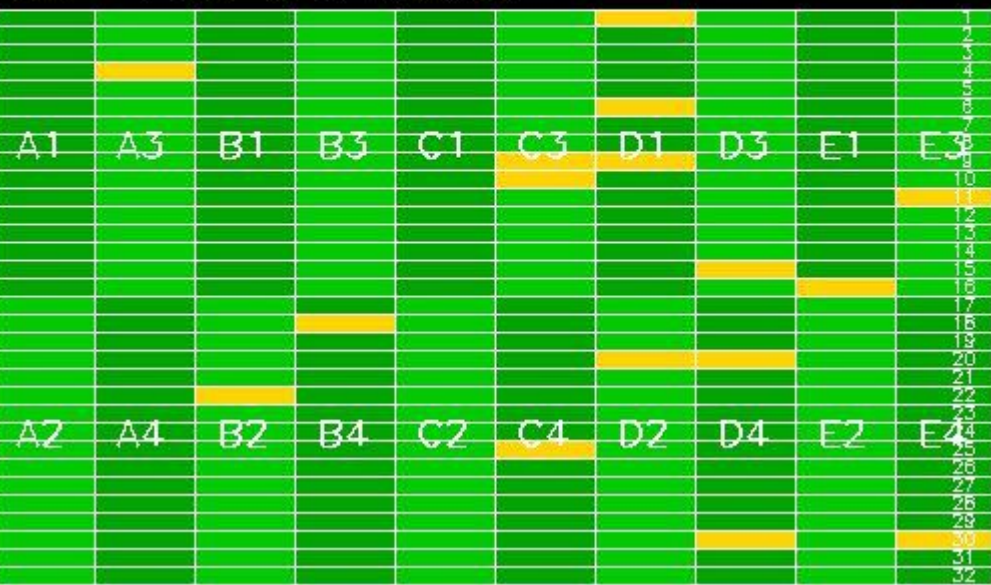
Reference: 2010-12-23 06:34:01 H RxGain  
 Test : 2010-12-24 05:57:18 H

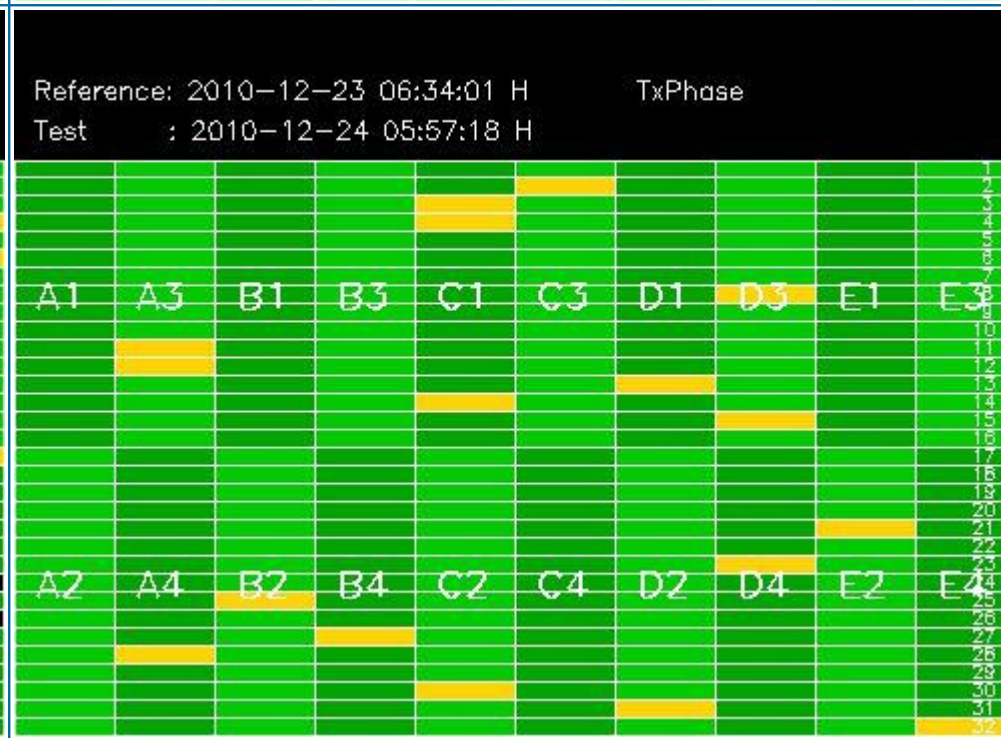
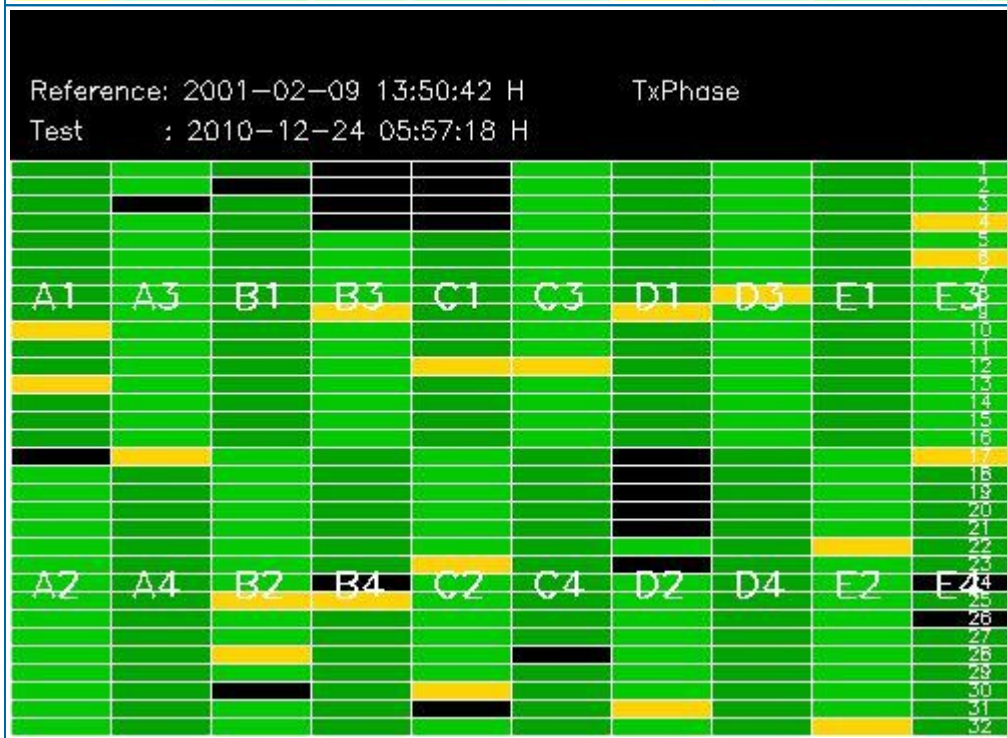
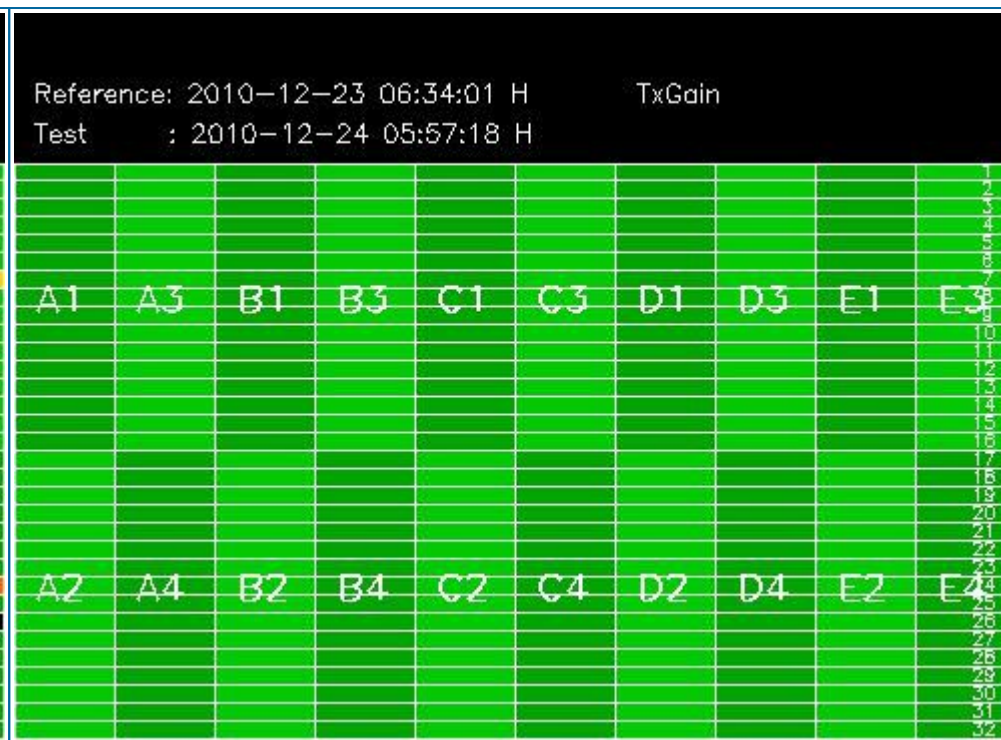
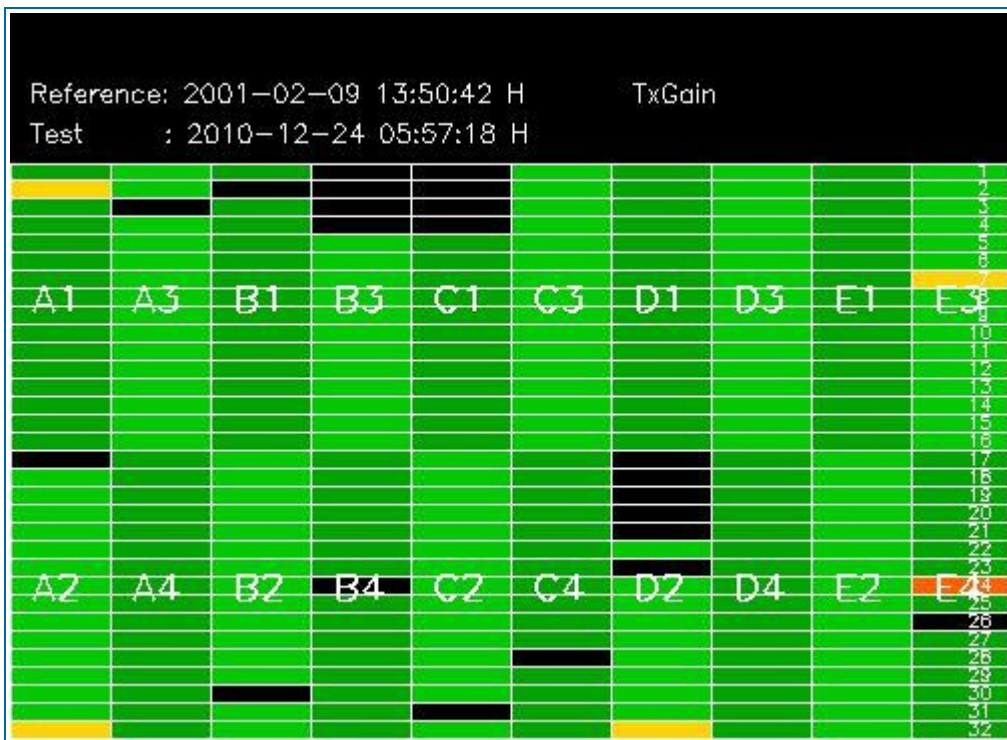


Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-12-24 05:57:18 H



Reference: 2010-12-23 06:34:01 H RxPhase  
 Test : 2010-12-24 05:57:18 H





## 4 - CALIBRATION PULSES ANALYSIS

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

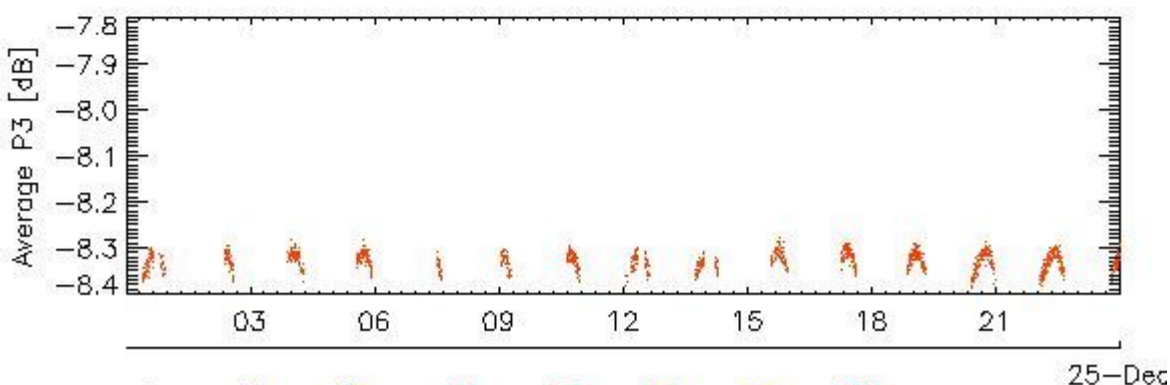
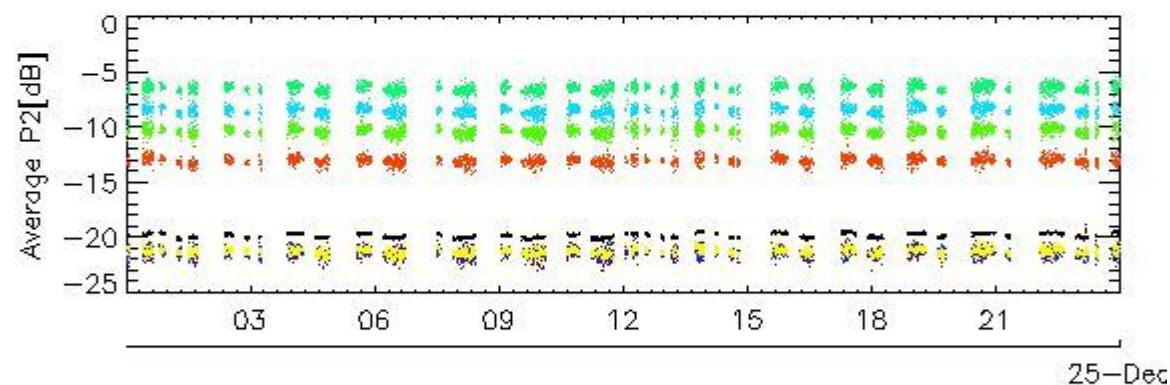
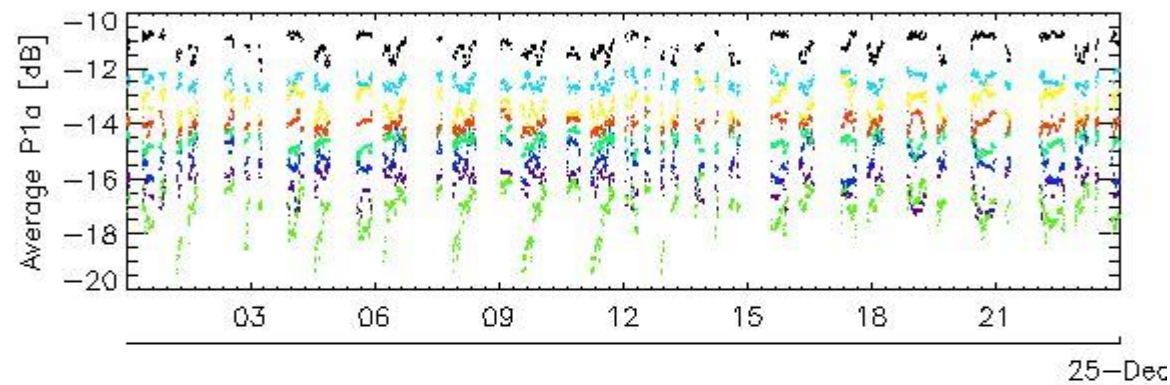
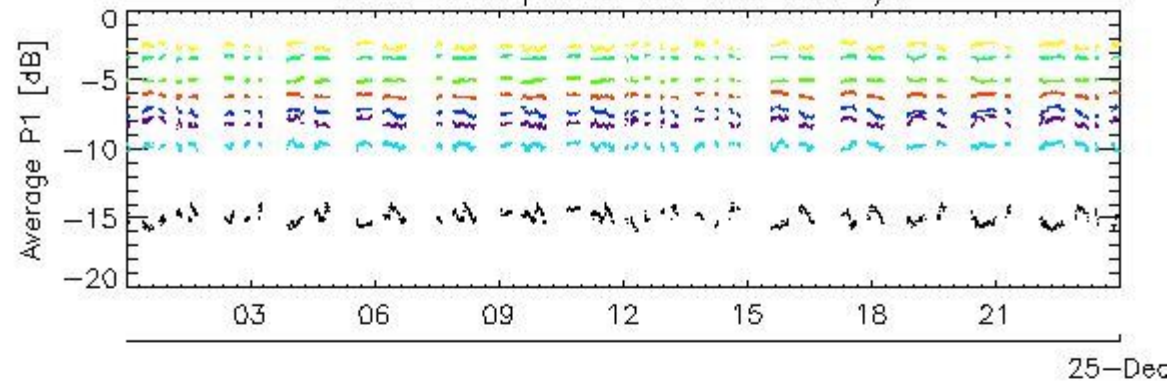
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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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]

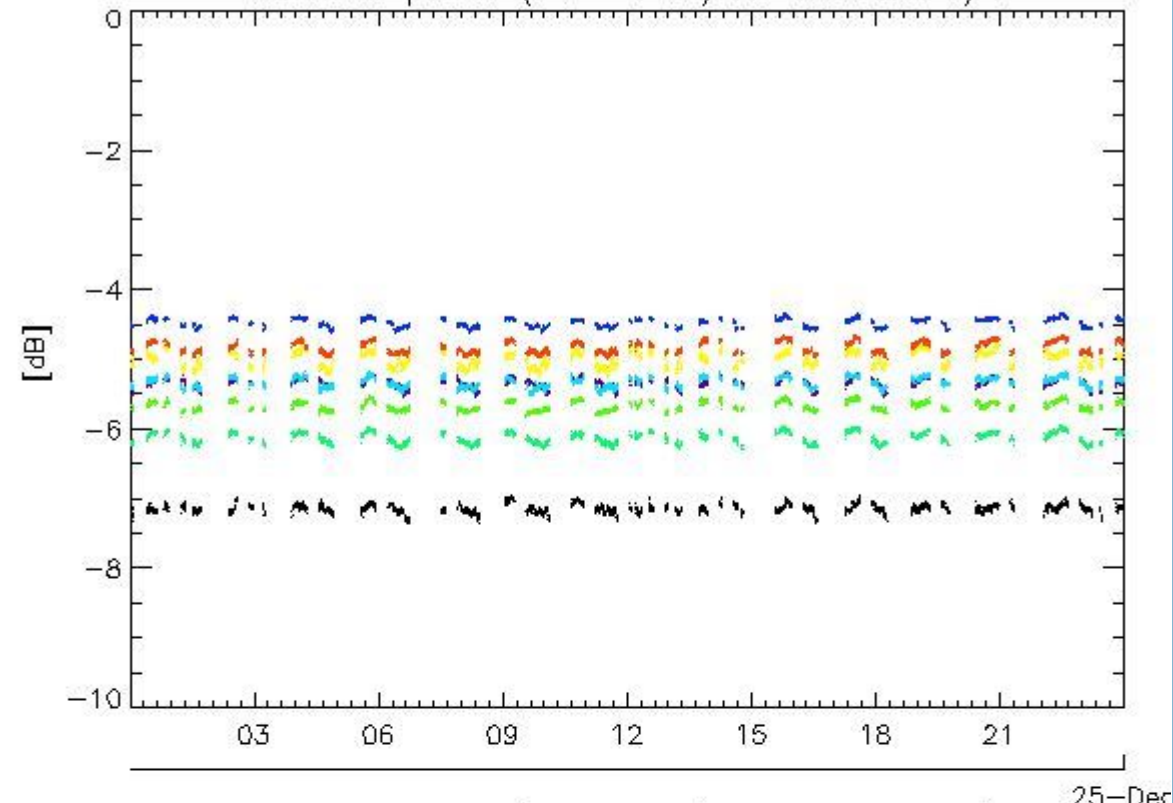
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V

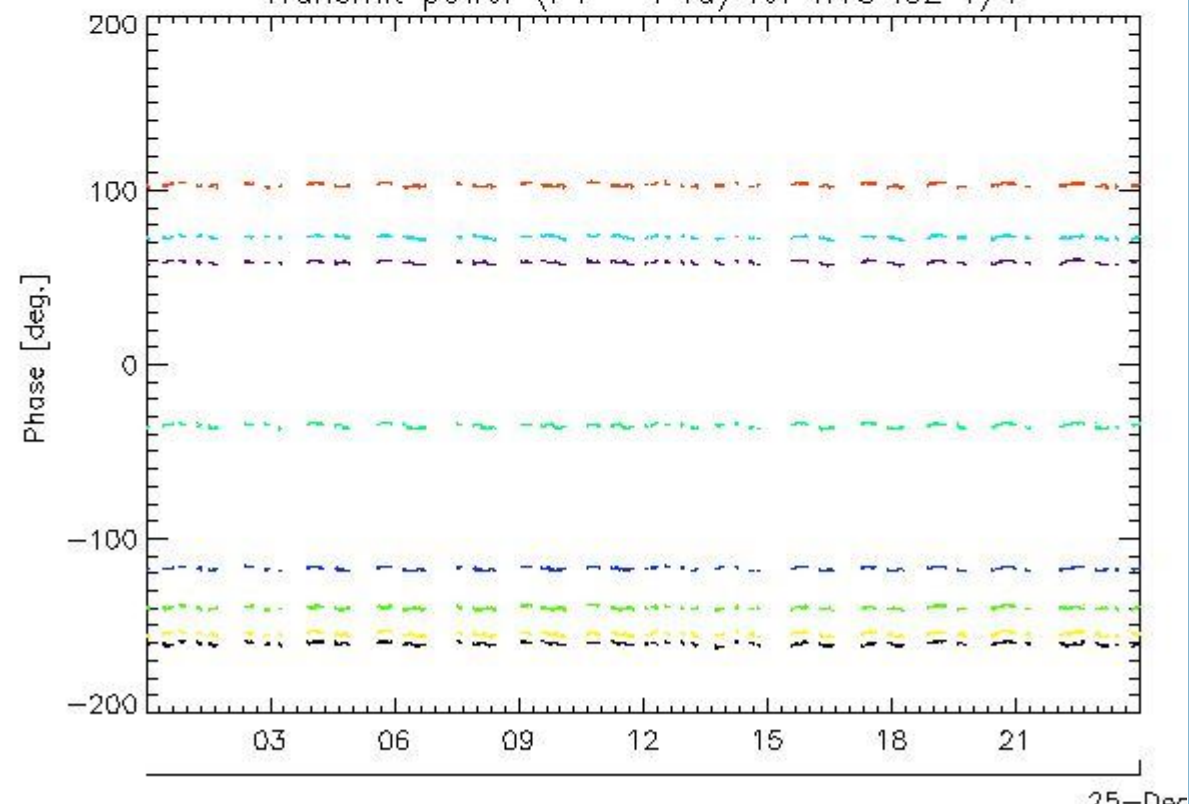


rows: \_ 1 \_ 5 \_ 9 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29

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



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

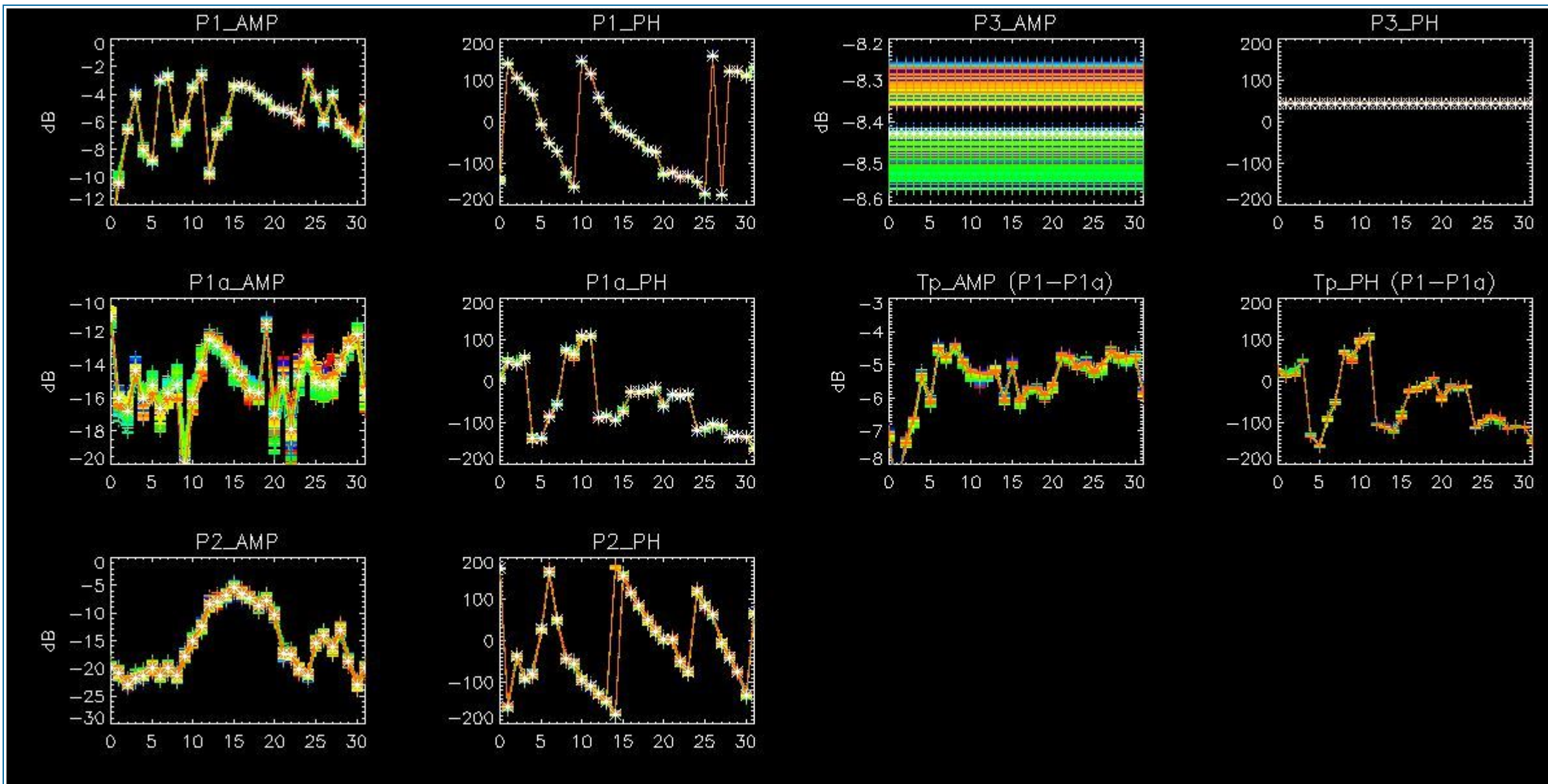


rows: \_ 1 \_ 5 \_ 9 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29

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

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## 4.2 - Analysis for GM1 SS3 H/H

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

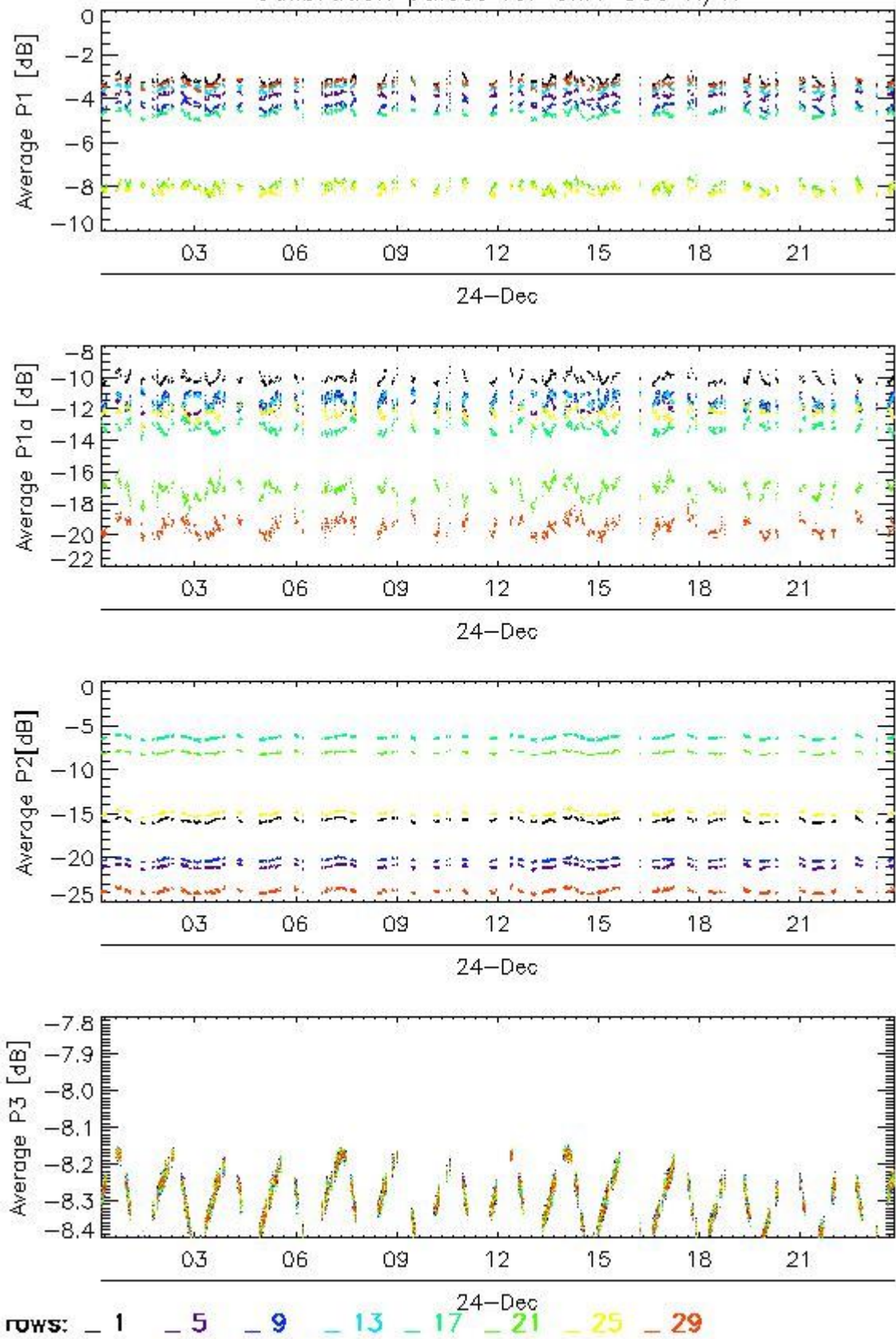
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

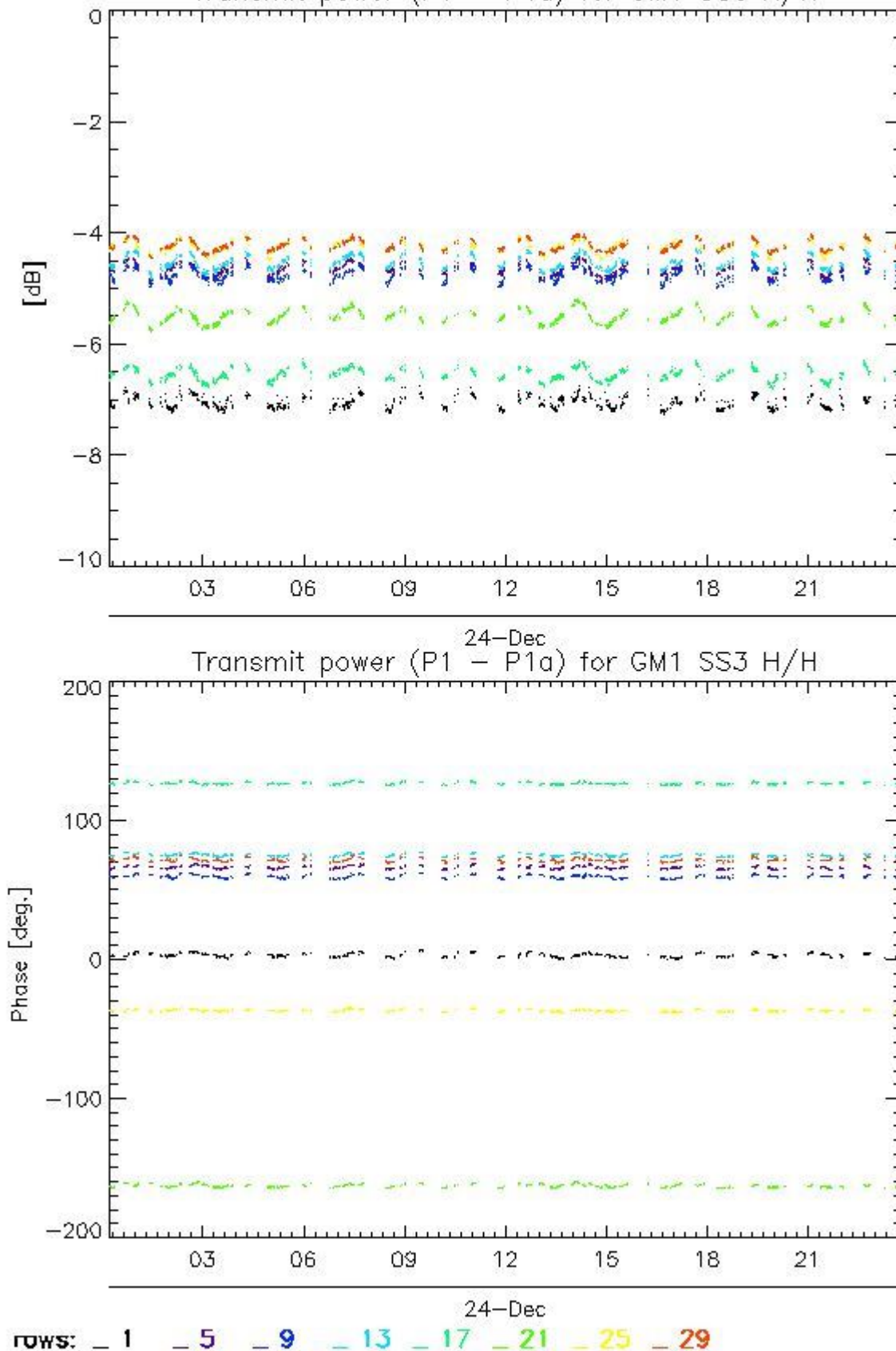
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



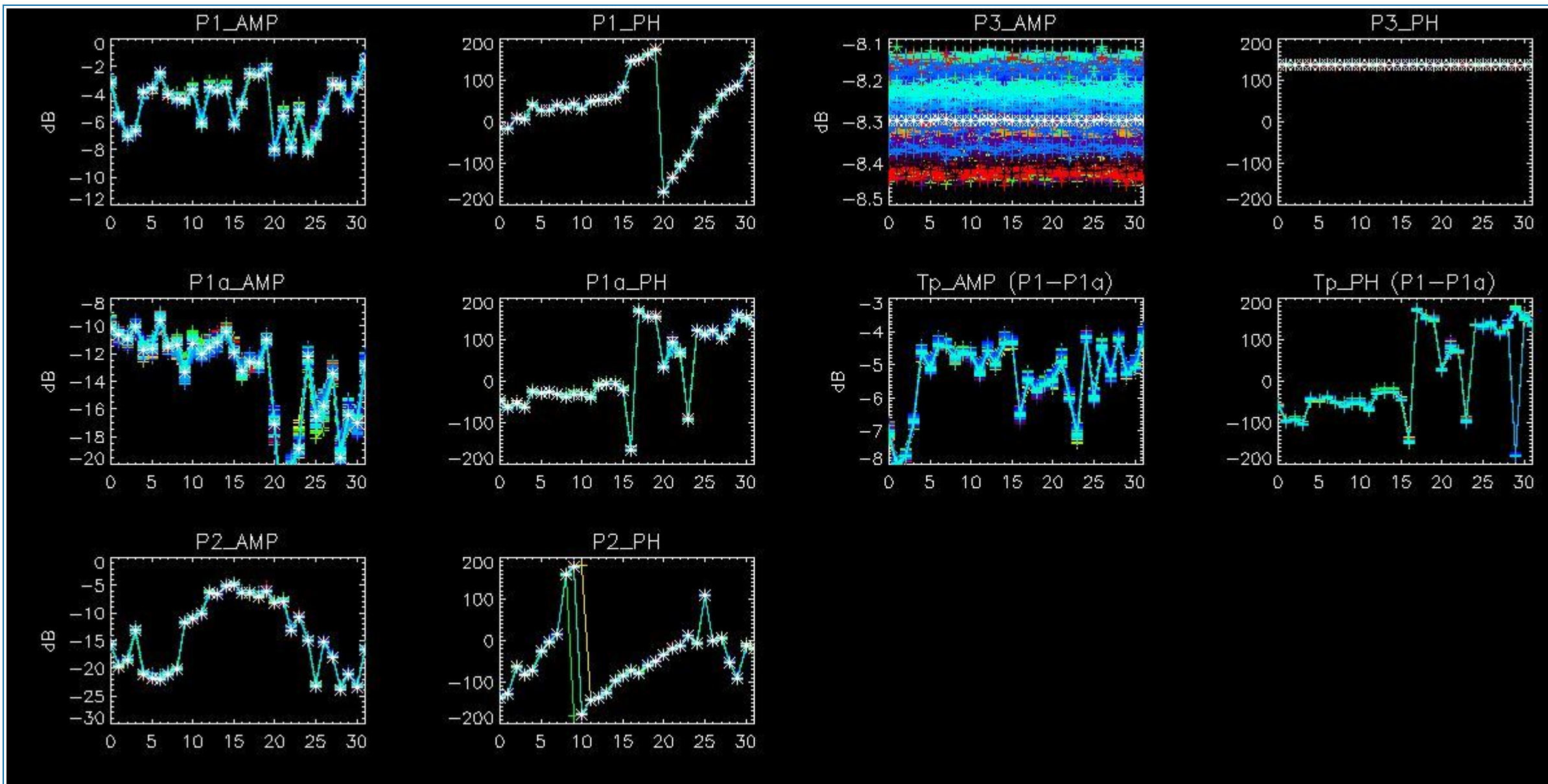
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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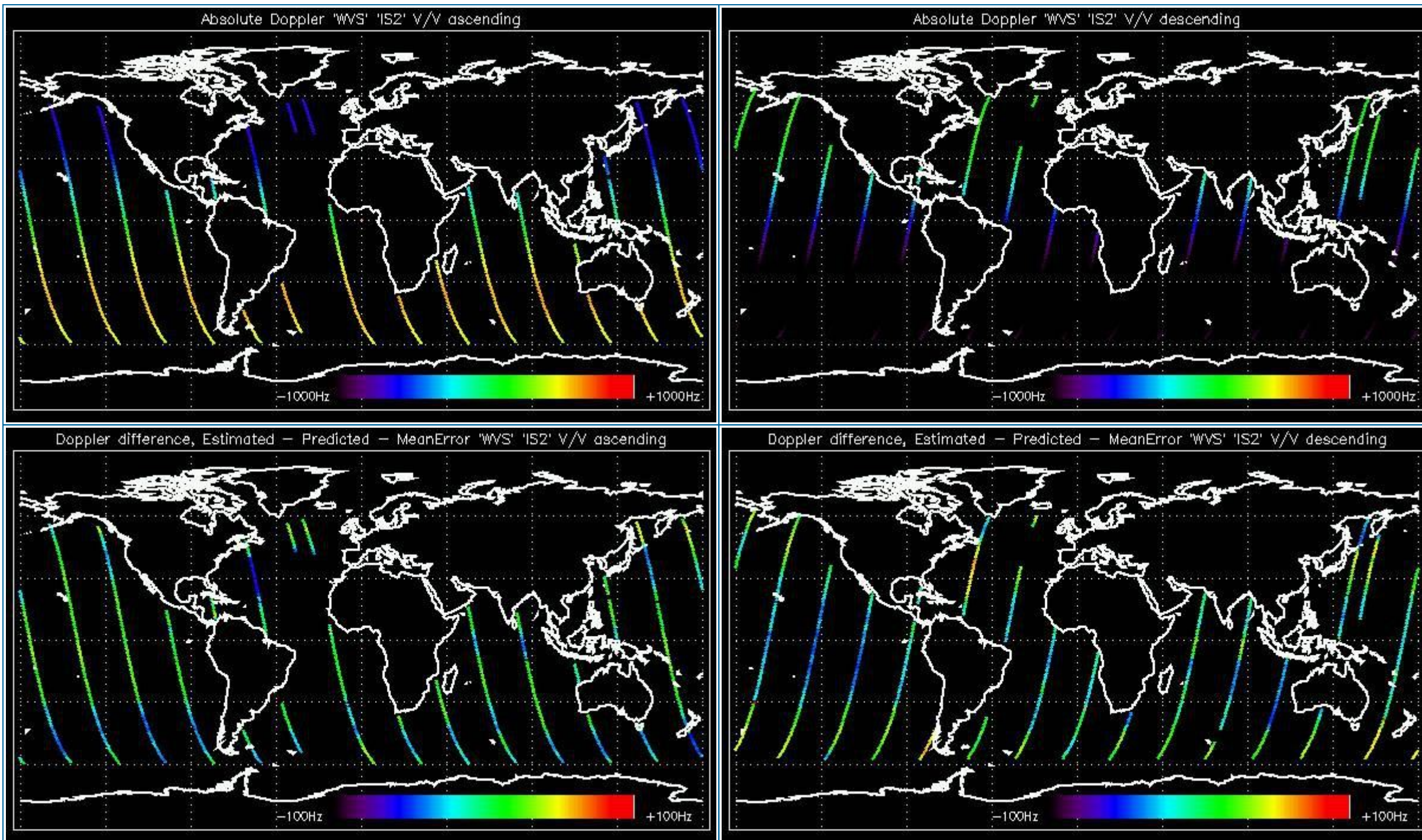
## 5 - DOPPLER ANALYSIS

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

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

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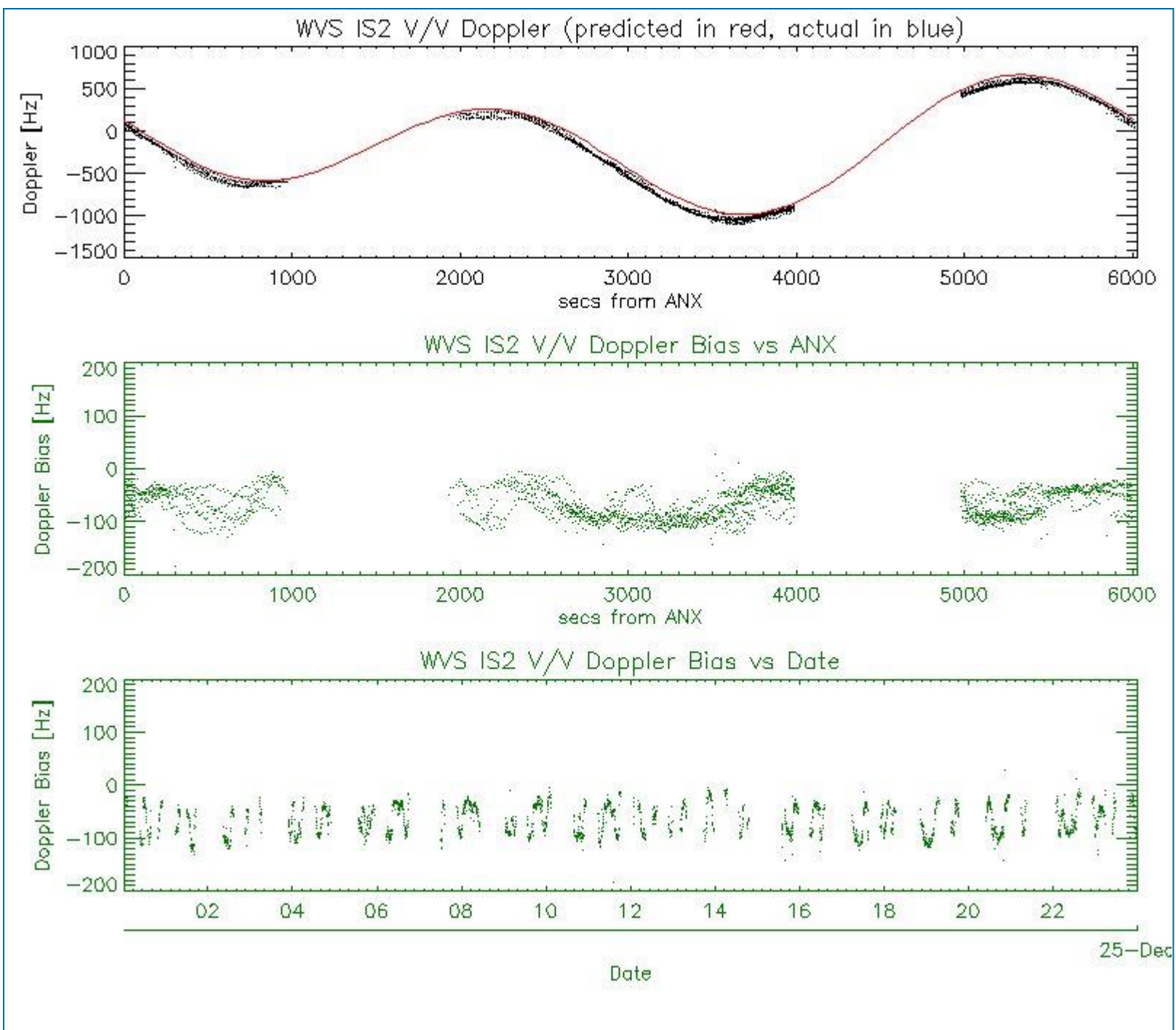




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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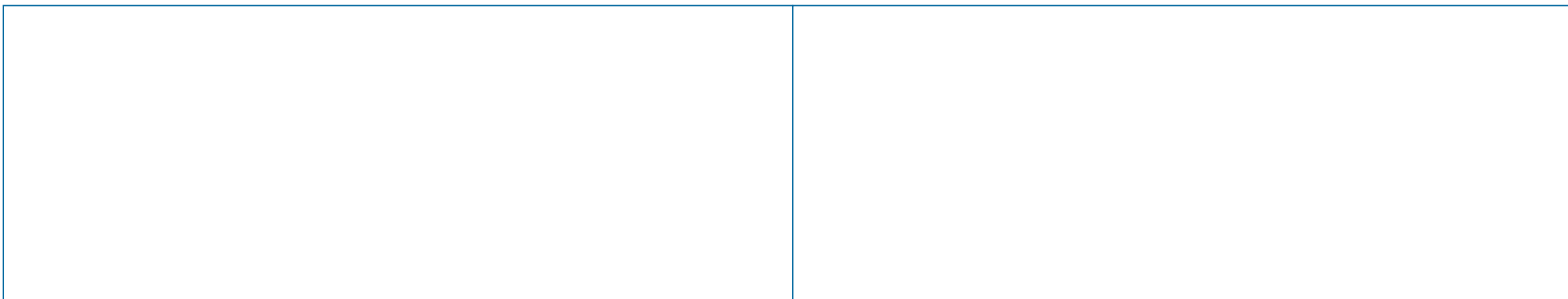


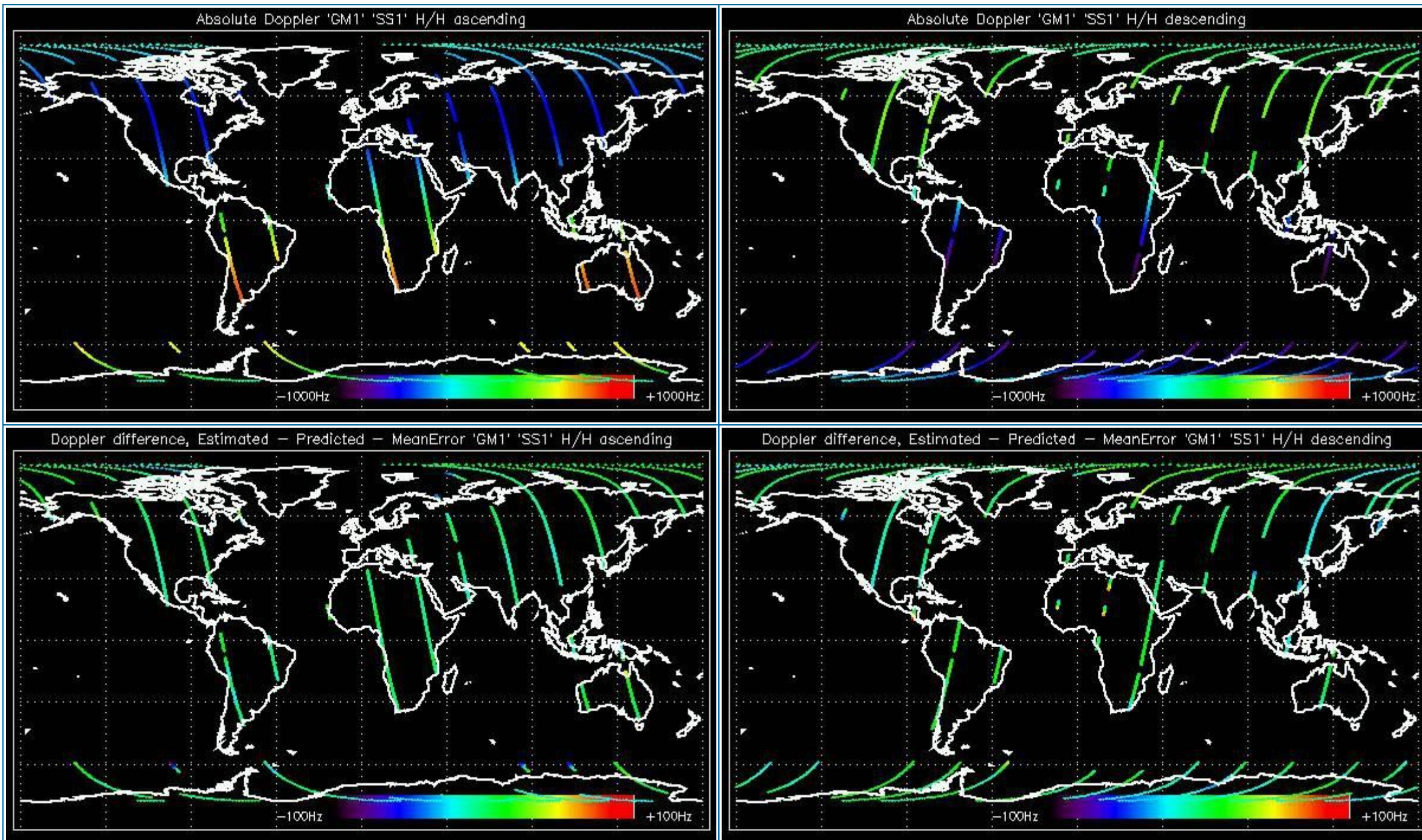


## 5.2 - Analysis for GM1 SS1 H/H

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

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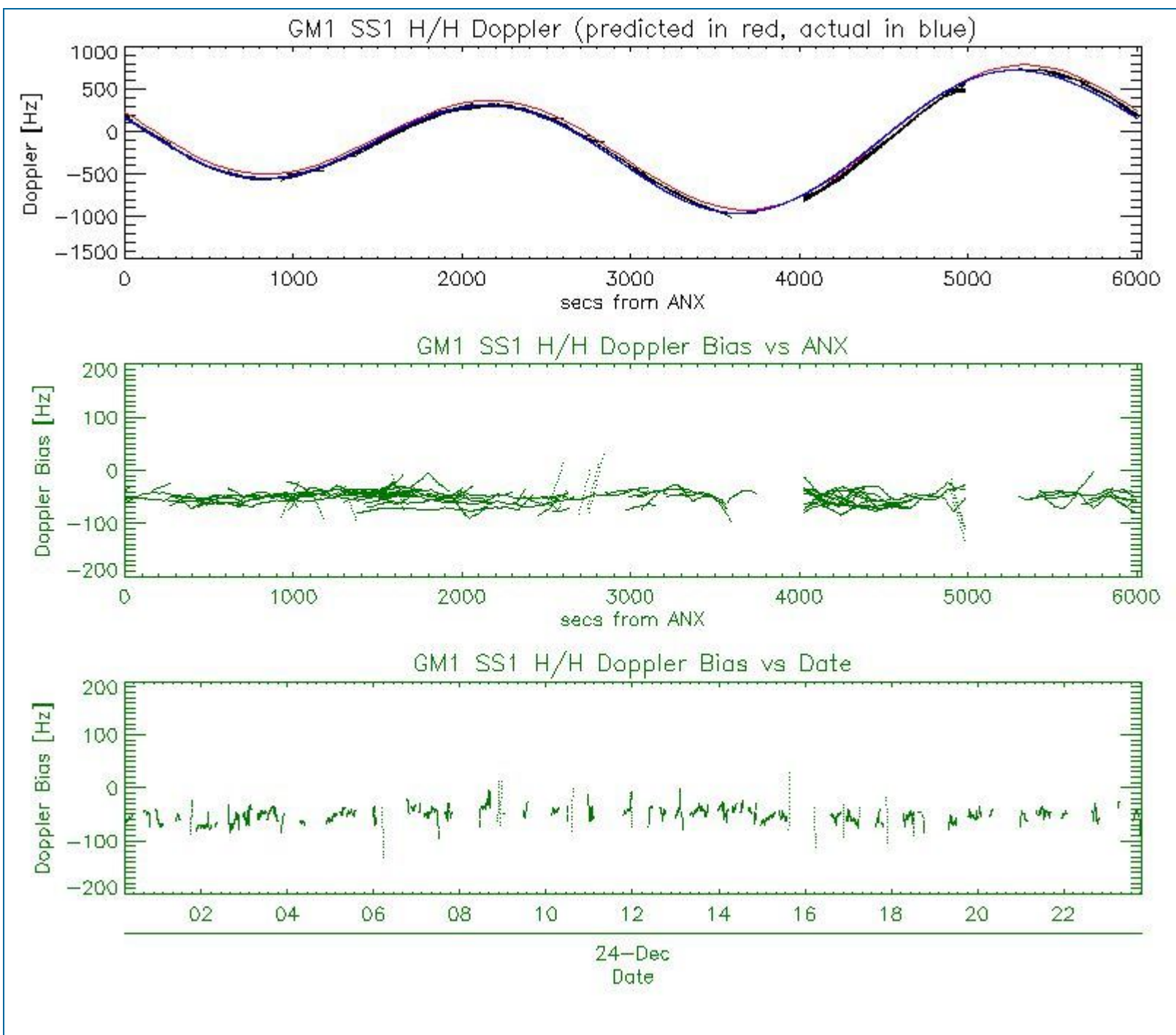




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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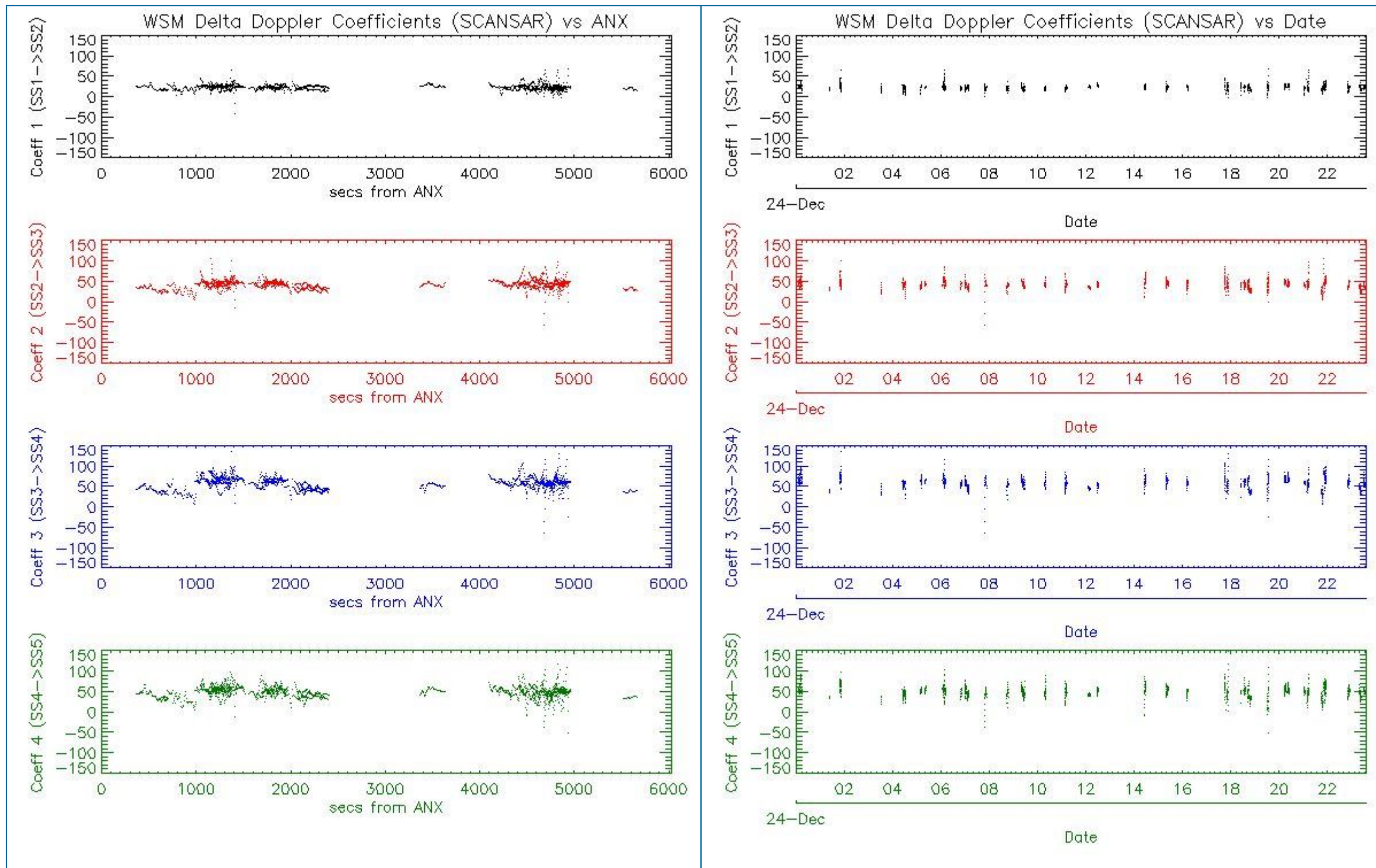




### 5.3 - Doppler JUMPS Analysis for WSM

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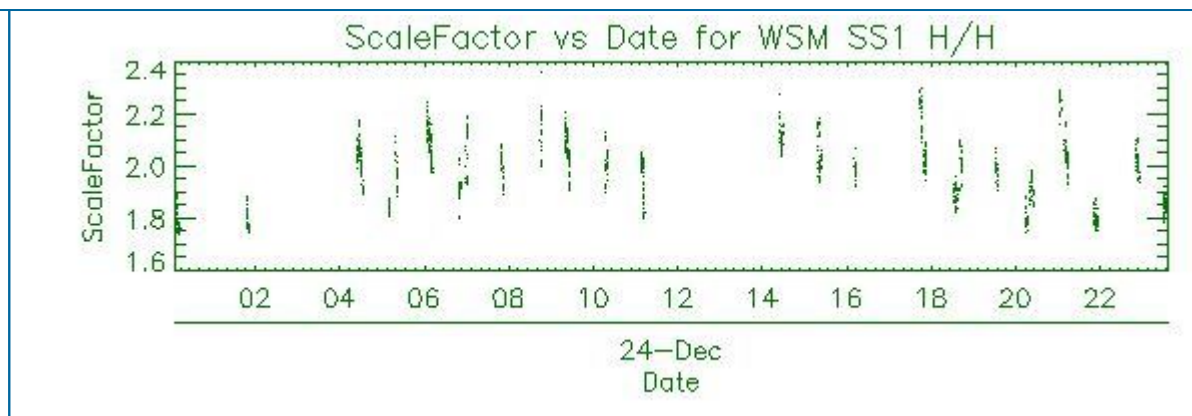
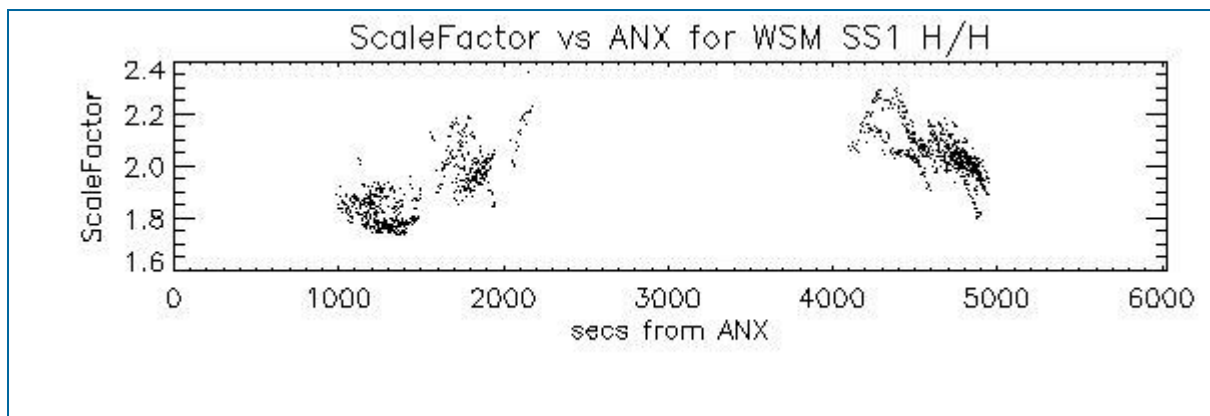
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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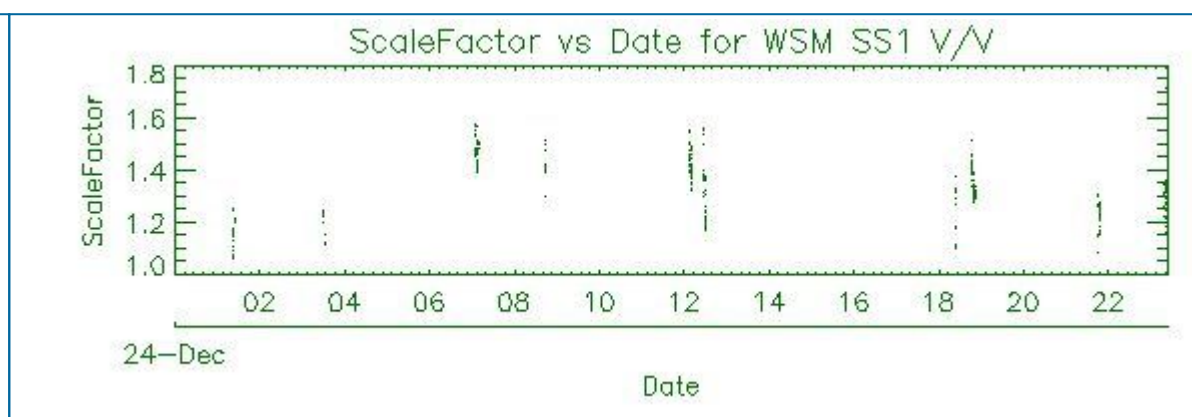
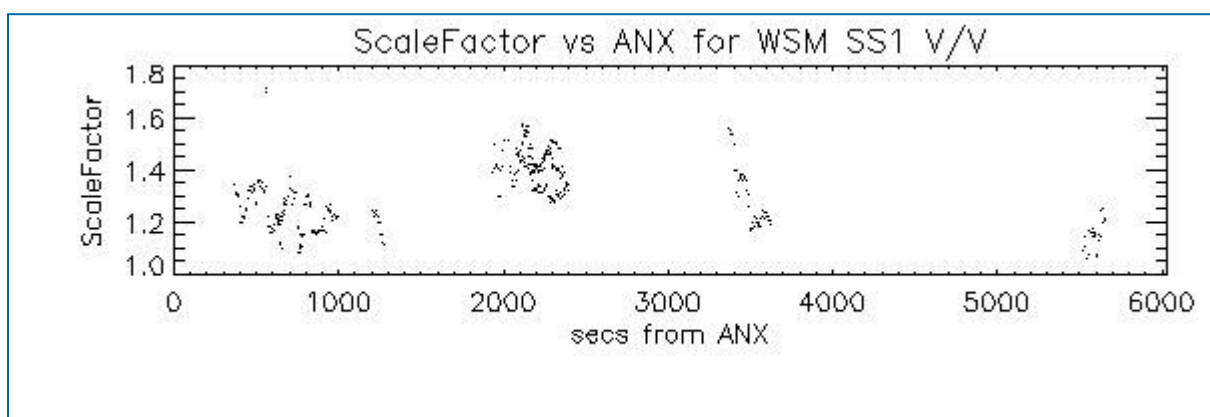




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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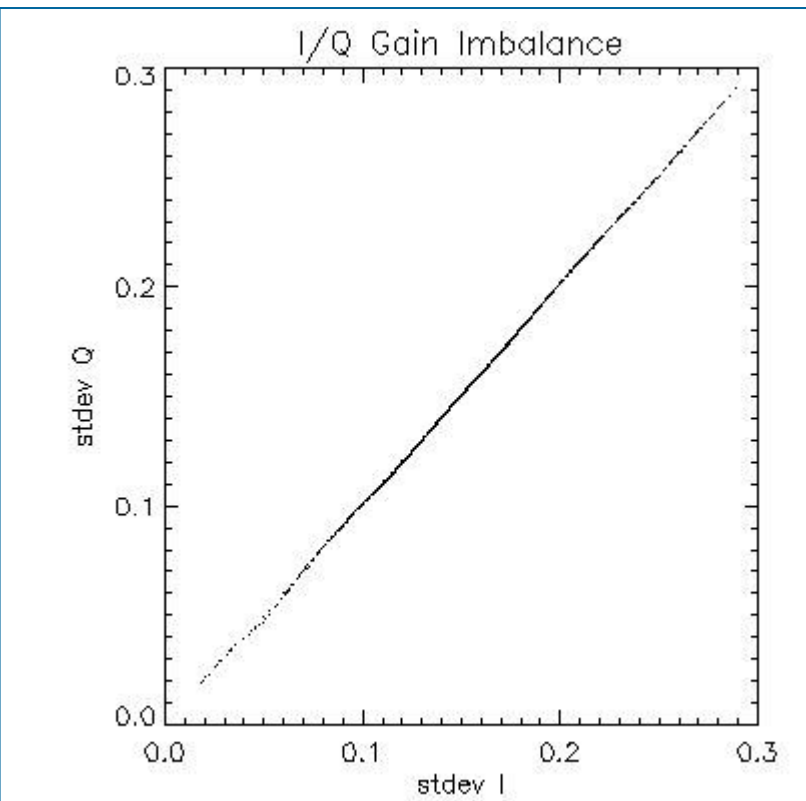
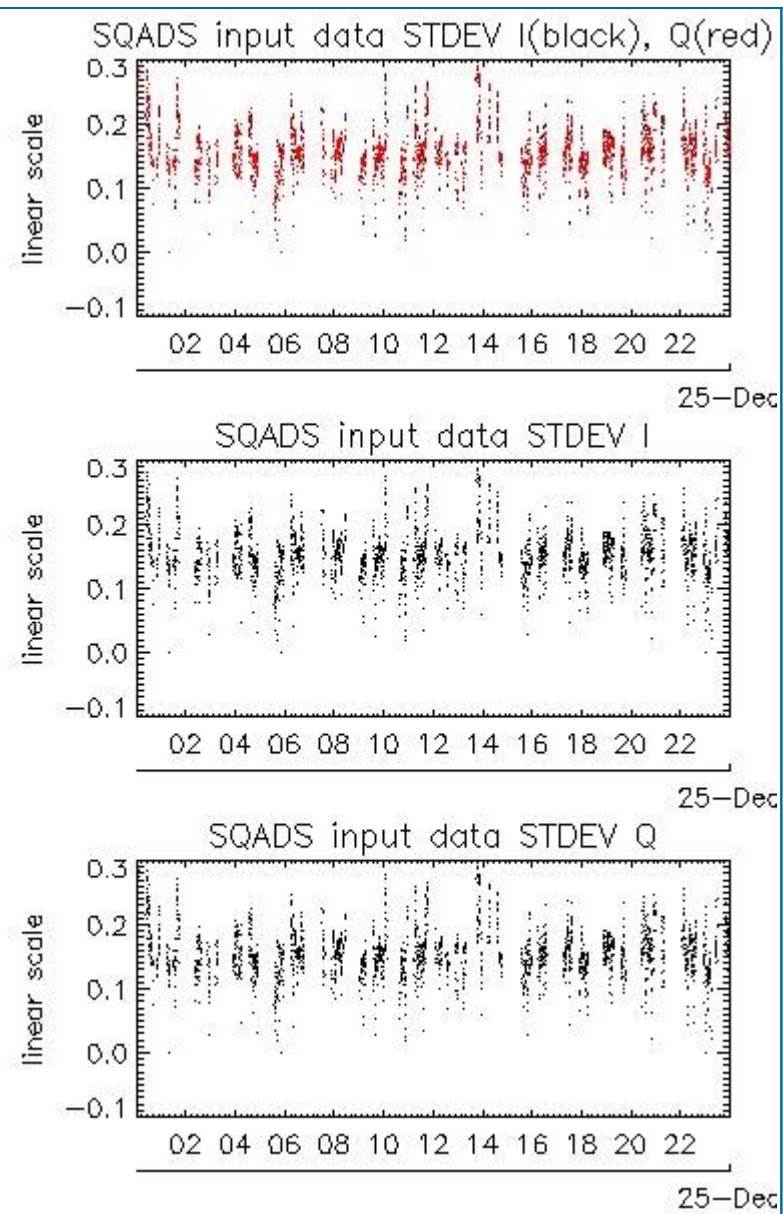
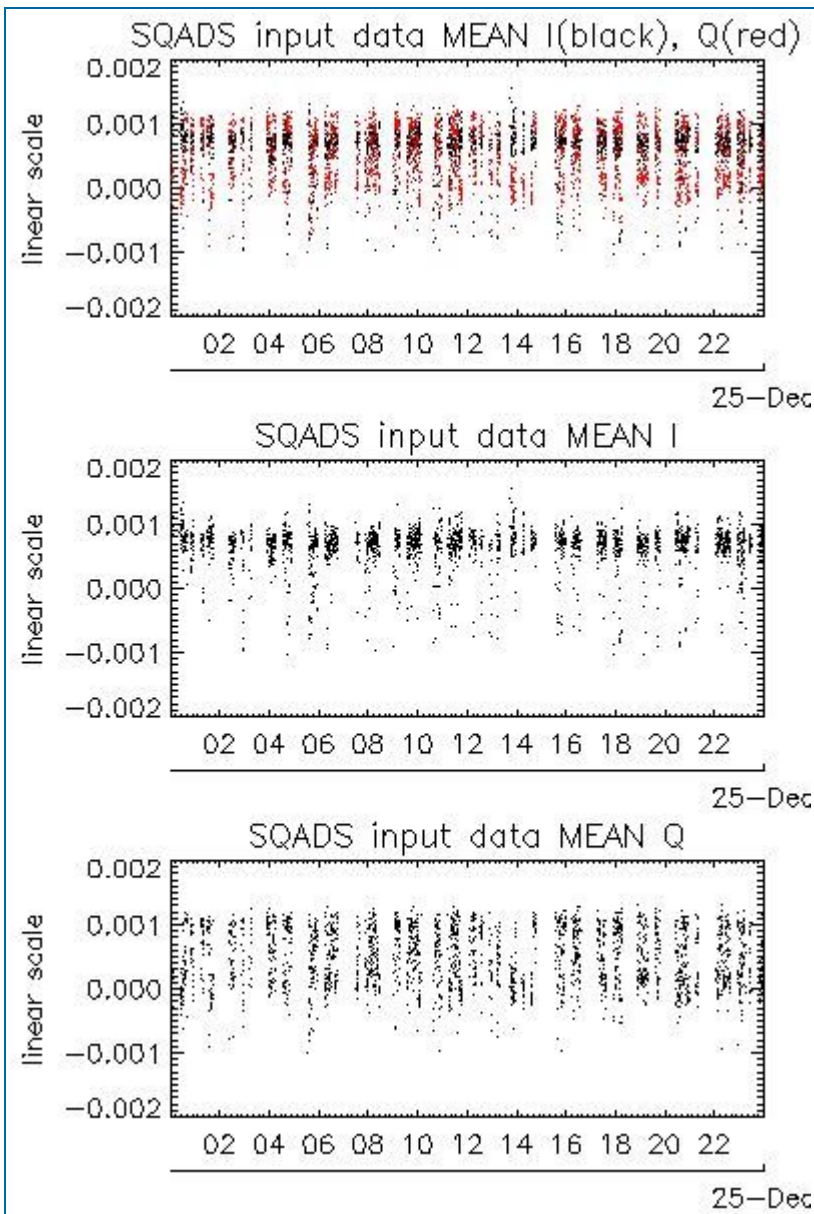
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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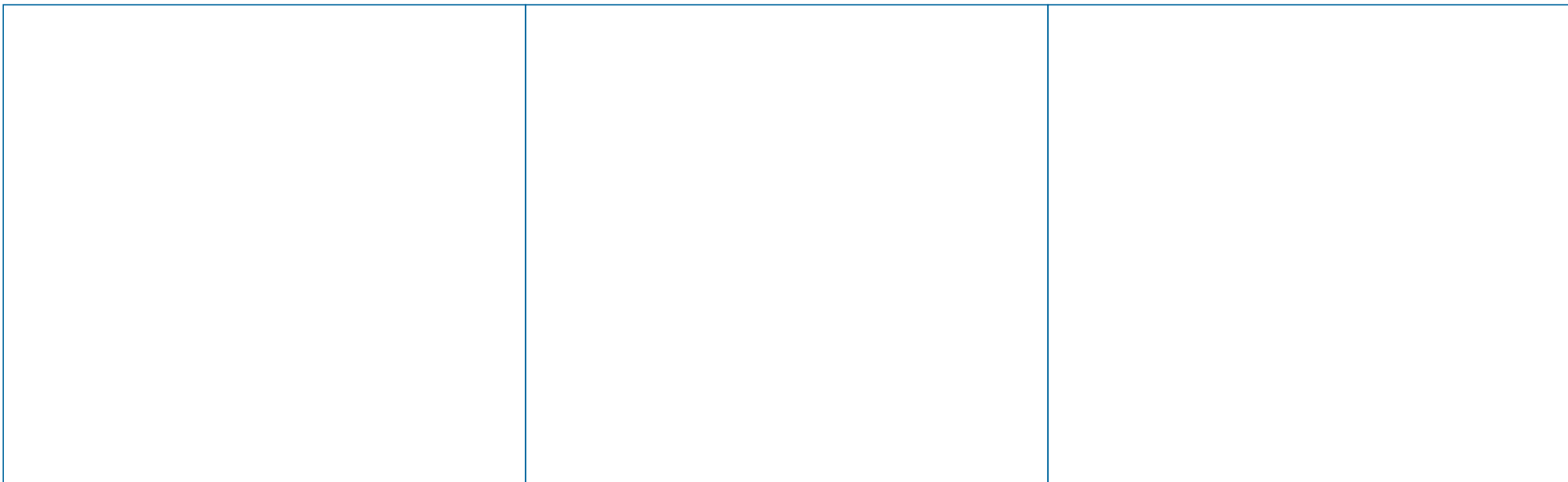


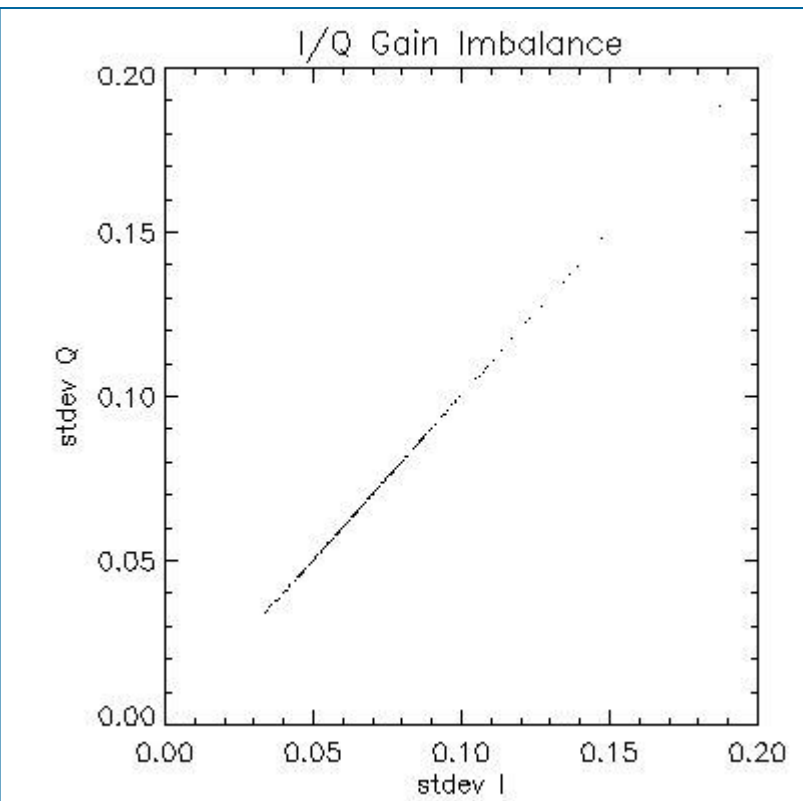
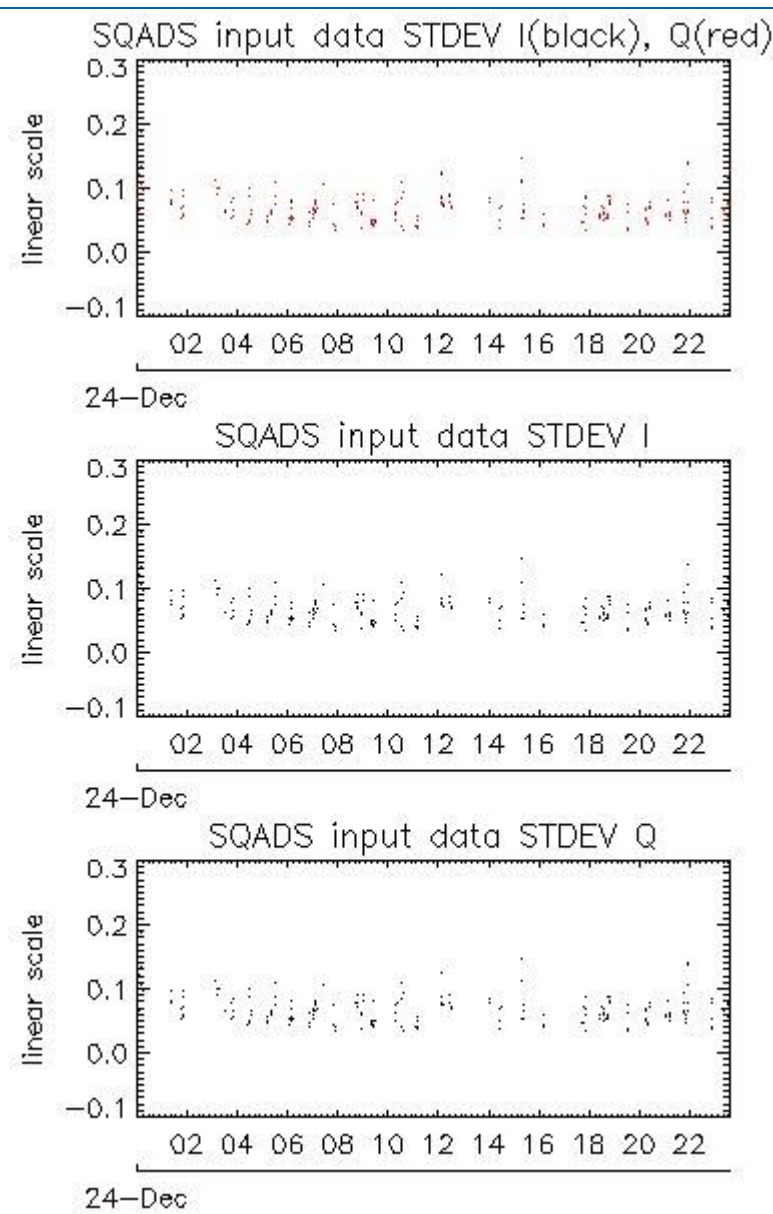
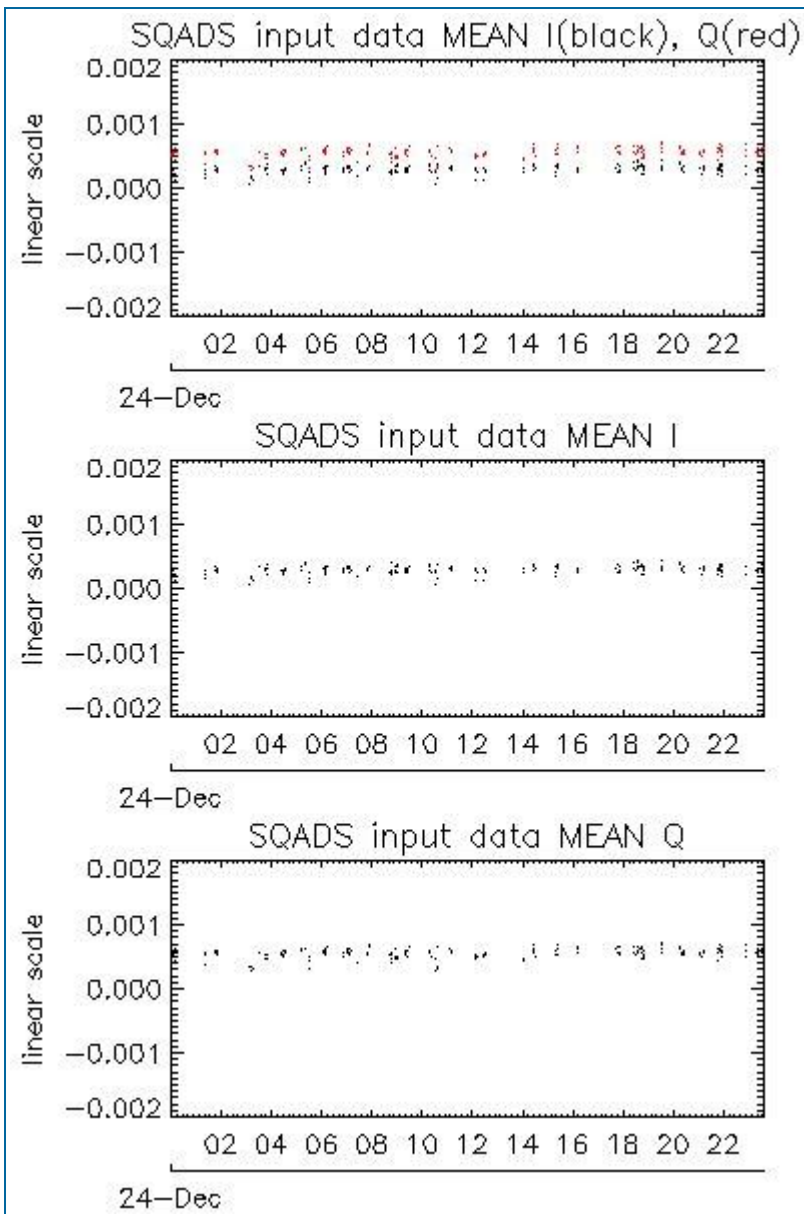


Channel	Statistics	DSS-B
MEAN I	mean	0.000644263
	stdev	1.13188e-07
MEAN Q	mean	0.000478866
	stdev	2.05334e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.155706
	stdev	0.00154788
STDEV Q	mean	0.156324
	stdev	0.00157941

## 7.2 - Analysis for IMM

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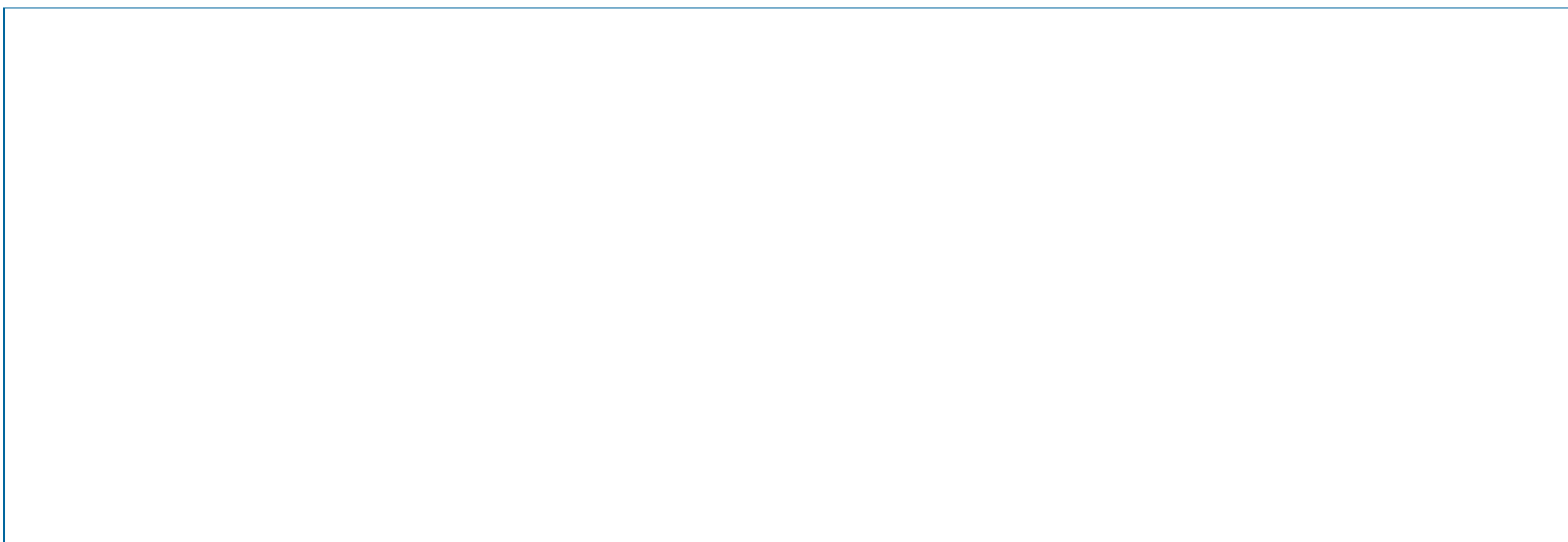


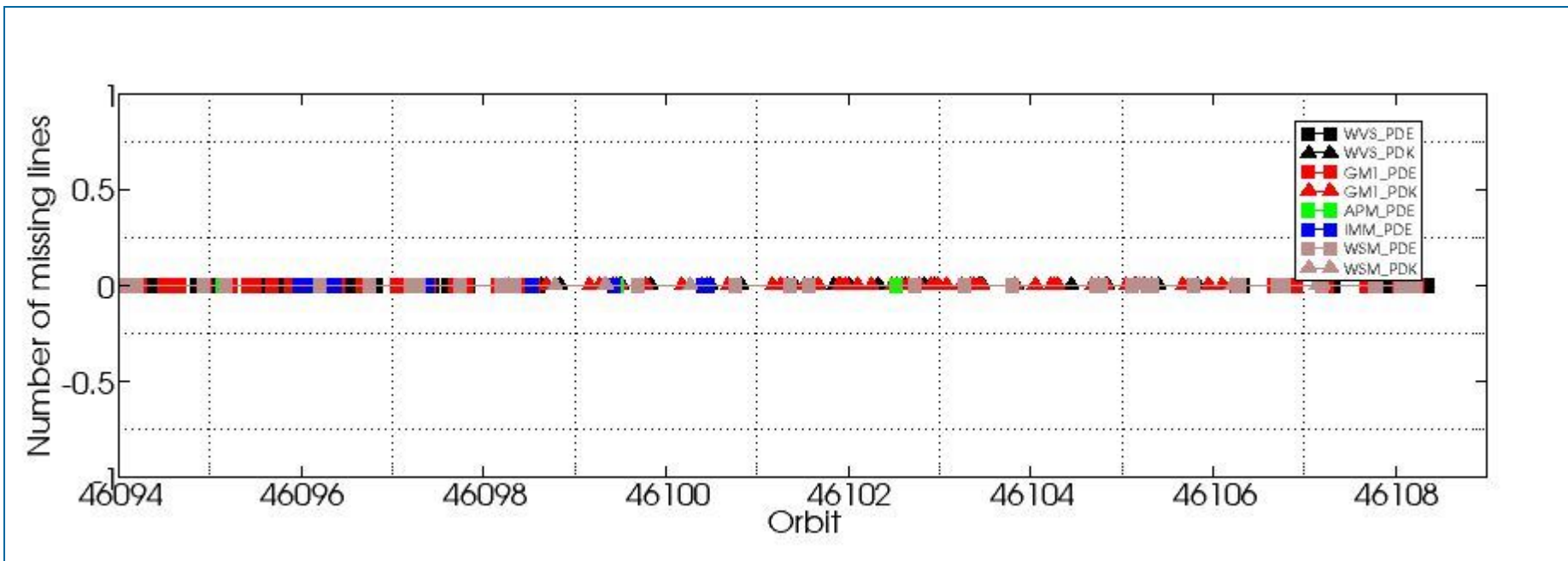
Channel	Statistics	DSS-B
MEAN I	mean	0.000286624
	stdev	3.99669e-09
MEAN Q	mean	0.000554919
	stdev	5.43775e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0684519
	stdev	0.000528532
STDEV Q	mean	0.0687579
	stdev	0.000535117

## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

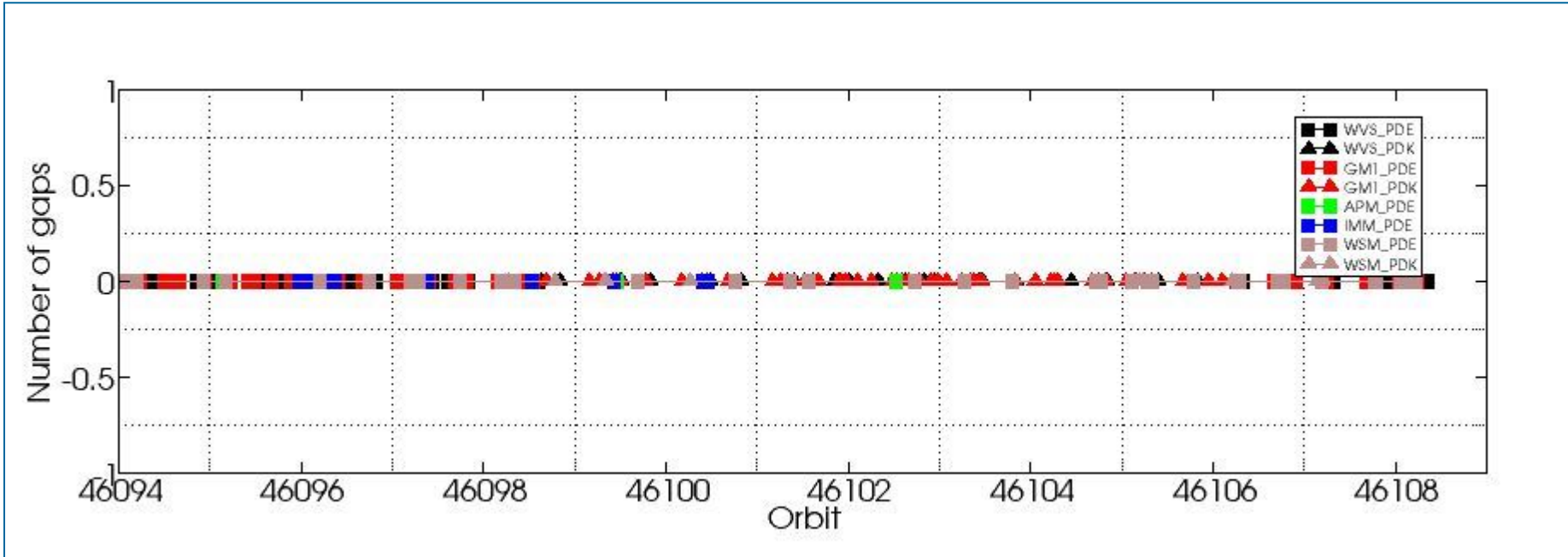
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 101224  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2010-12-24 00:00:00

Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101224/

DATA SUMMARY  
#####  
Summary will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101224/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_101224/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_101224/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101224/AUXILIARY

Creating directory ./RESULTS/DAILY/\_101224/AUXILIARY...

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



ADF filter 20101224\*current\_3\_IECF\_ADFs.txt  
 Found list 20101224\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20101222\_141422\_20100317\_120410\_20141231\_000000  
 ASA\_INS\_AXVIEC20101222\_143805\_20101022\_000000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20101111\_113830\_20100601\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20101224_000121_000002253097_00390_46094_6823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_002312_000009653097_00390_46094_6826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_004904_000004053097_00390_46094_6828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_011406_000002843097_00390_46094_6831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_011406_000002843097_00390_46094_6833.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_011751_000001803097_00390_46094_6849.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_013012_000007643097_00391_46095_6868.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101224_022220_000008253097_00391_46095_6866.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20101224_193505_000006903097_00401_46105_9517.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDK20101224_181649_000004103097_00401_46105_9497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_182518_000002293097_00401_46105_9499.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_182751_000000783097_00401_46105_9510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_183031_000000723097_00401_46105_9512.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_183727_000001993097_00401_46105_9511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_184427_000000783097_00401_46105_9513.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_191912_000006953097_00401_46105_9515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_194723_000008043097_00401_46105_9516.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_200227_000001993097_00402_46106_9518.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101224_200227_000001993097_00402_46106_9519.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20101224_014351_000000573097_00391_46095_6848.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101224_085737_000001513097_00395_46099_6945.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101224_140309_000000443097_00398_46102_6988.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20101224_030724_000000383097_00391_46095_6857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_031039_000000393097_00392_46096_6856.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_031158_000000383097_00392_46096_6855.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_031654_000000373097_00392_46096_6854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_034610_000002703097_00392_46096_6847.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_052826_000001583097_00393_46097_6886.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_072402_000000593097_00394_46098_6913.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_085407_000001223097_00395_46099_6944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_103145_000002273097_00396_46100_6964.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101224_103702_000001223097_00396_46100_6965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_101224/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20101224_000551_000001533097_00390_46094_6820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_000934_000002263097_00390_46094_6821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_012128_000001533097_00390_46094_6840.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_014705_000003303097_00391_46095_6850.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_033001_000000733097_00392_46096_6853.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6887.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6888.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_050919_000001533097_00393_46097_6897.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_051935_000001533097_00393_46097_6885.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_060351_000004713097_00393_46097_6908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_064906_000001533097_00394_46098_6912.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_070454_000002943097_00394_46098_6907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_091857_000005143097_00395_46099_6966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_110651_000003673097_00396_46100_6983.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_120619_000003063097_00397_46101_6984.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_122715_000002693097_00397_46101_6985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_142451_000002693097_00398_46102_6990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_151842_000003433097_00399_46103_6991.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_161051_000001533097_00399_46103_6989.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_174355_000001773097_00400_46104_6995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_174939_000002263097_00400_46104_6993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_182340_000000923097_00401_46105_6996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_184051_000002143097_00401_46105_6998.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_184552_000003733097_00401_46105_6999.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_193051_000002143097_00401_46105_6997.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_202027_000002813097_00402_46106_7003.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_210218_000001283097_00402_46106_7008.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_210910_000003123097_00402_46106_7000.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_215144_000003363097_00403_46107_7020.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_225040_000002813097_00403_46107_7016.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_231851_000003303097_00404_46108_7033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_232930_000002513097_00404_46108_7135.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101224_233451_000000923097_00404_46108_7136.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_065847_000002083097_00394_46098_9284.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_074821_000002693097_00394_46098_9308.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_084251_000000923097_00395_46099_9309.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_084440_000001473097_00395_46099_9310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_101651_000002083097_00396_46100_9339.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_183151_000002083097_00401_46105_9506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_183551_000000923097_00401_46105_9507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_201319_000002453097_00402_46106_9526.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_214507_000002513097_00403_46107_9558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101224_215121_000002393097_00403_46107_9559.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_101224/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_101224/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_101224/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_101224/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/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDE20101224\_055718\_000000163097\_00393\_46097\_0101.N1

H  
H  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20101224\_055718-20010209\_135042.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20101224\_055718-20010209\_135042.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20101224\_055718-20010209\_135042.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20101224\_055718-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20101224\_073732\_000000163097\_00394\_46098\_0370.N1

V  
V  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20101224\_073732-20010209\_140823.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20101224\_073732-20010209\_140823.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20101224\_073732-20010209\_140823.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20101224\_073732-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20101223\_063401\_000000163097\_00379\_46083\_0368.N1  
Test product: ASA\_MS\_\_0PNPDE20101224\_055718\_000000163097\_00393\_46097\_0101.N1

H  
H  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20101224\_055718-20101223\_063401.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20101224\_055718-20101223\_063401.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20101224\_055718-20101223\_063401.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20101224\_055718-20101223\_063401.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20101223\_081415\_000000163097\_00380\_46084\_0369.N1  
Test product: ASA\_MS\_\_0PNPDK20101224\_073732\_000000163097\_00394\_46098\_0370.N1

V  
V  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20101224\_073732-20101223\_081415.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20101224\_073732-20101223\_081415.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20101224\_073732-20101223\_081415.png  
../../RESULTS/DAILY/\_101224/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20101224\_073732-20101223\_081415.png

MODULE\_STEPPING ANALYSIS completed  
#####

CALIBRATION PULSES ANALYSIS  
#####

Creating directory ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-24\_1.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-24\_2.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-24\_3.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-12-24\_4.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H  
Getting calibration pulses data for GM1 SS3 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-24\_1.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-24\_2.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-24\_3.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_101224/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-12-24\_4.dat...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_101224//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_101224/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...

Writing file ./RESULTS/DAILY/\_101224/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-12-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101224/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...

Writing file ./RESULTS/DAILY/\_101224/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-12-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101224/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...

Writing file ./RESULTS/DAILY/\_101224/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-12-24.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_101224/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_101224/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*

\*\*\*\*\*

DOPPLER MAP Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59

Analysing products WVS IS2 V/V

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -69.932170 Hz

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -60.536032 Hz

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

Loading predicted doppler values....

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -51.871389 Hz

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_101224//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

```
*****
Loading predicted doppler values...
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -50.916778 Hz
Writing file ../../RESULTS/DAILY/_101224//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101224//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
*****
```

```
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_101224/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...
Writing file ./RESULTS/DAILY/_101224/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-12-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101224/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_101224/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...
Writing file ./RESULTS/DAILY/_101224/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-12-24.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101224/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_101224/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
#####
```

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101224/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_101224/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...
Writing file ./RESULTS/DAILY/_101224/RAW_DATA/Raw_data_WVS_2010-12-24.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_101224/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_101224/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101224/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
```

Getting raw data for IMM from 2010-12-24 00:00:00 to 2010-12-24 23:59:59...  
Writing file ./RESULTS/DAILY/\_101224/RAW\_DATA/Raw\_data\_IMM\_2010-12-24.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_101224/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_101224/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_101224/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-12-24 00:00:00 to 2010-12-24 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_101224/TELEMETRY

Creating directory ./RESULTS/DAILY/\_101224/TELEMETRY...

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

\*\*\*\*\*

Checking 28 products from PDE...

Checking 24 products from PDK...

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

\*\*\*\*\*

Checking 38 products from PDE...

Checking 53 products from PDK...

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

\*\*\*\*\*

Checking 3 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 10 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 34 products from PDE...

Checking 10 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_101224/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_101224/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_101224/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_1PNPDE20101224_014351_000000573097_00391_46095_6848.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101224_085737_000001513097_00395_46099_6945.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101224_140309_000000443097_00398_46102_6988.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_1PNPDE20101224_001327_000005793097_00390_46094_6825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_004006_000001083097_00390_46094_6824.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_004301_000003623097_00390_46094_6827.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_005639_000005923097_00390_46094_6832.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_005639_000005923097_00390_46094_6834.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_012405_000003623097_00390_46094_6852.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_014511_000001083097_00391_46095_6851.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_015241_000010393097_00391_46095_6870.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_021159_000001023097_00391_46095_6869.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_021909_000001873097_00391_46095_6867.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_023651_000009613097_00391_46095_6865.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_025803_000001383097_00391_46095_6864.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_030029_000004163097_00391_46095_6863.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_030810_000001503097_00391_46095_6862.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_031742_000007373097_00392_46096_6861.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_033136_000008763097_00392_46096_6859.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_035052_000002113097_00392_46096_6873.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_041704_000004163097_00392_46096_6900.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_045437_000008763097_00393_46097_6899.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_051155_000004593097_00393_46097_6898.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_052207_000003803097_00393_46097_6895.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_053113_000001693097_00393_46097_6893.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_055836_000003143097_00393_46097_6915.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_061147_000000903097_00393_46097_6910.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_064623_000001573097_00394_46098_6914.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_065140_000004223097_00394_46098_6916.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_070220_000001503097_00394_46098_6917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_070950_000008523097_00394_46098_6918.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_072511_000003143097_00394_46098_6921.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_201725_000001813097_00402_46106_7002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_205925_000001693097_00402_46106_7001.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_210430_000002773097_00402_46106_7012.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_212235_000011603097_00402_46106_7018.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_215726_000004343097_00403_46107_7019.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_223940_000006283097_00403_46107_7022.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_223940_000006283097_00403_46107_7024.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_231525_000001143097_00404_46108_7138.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101224_233626_000007313097_00404_46108_7140.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_073851_000005673097_00394_46098_9297.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_082650_000006283097_00395_46099_9299.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_082650_000006283097_00395_46099_9301.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_083641_000003683097_00395_46099_9327.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_085238_000008843097_00395_46099_9326.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_085621_000000723097_00395_46099_9328.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_090030_000001023097_00395_46099_9329.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_092737_000003683097_00395_46099_9331.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_100750_000005373097_00396_46100_9333.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_102926_000000663097_00396_46100_9348.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_103543_000000723097_00396_46100_9349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_105800_000005253097_00396_46100_9351.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_114730_000006713097_00397_46101_9353.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_115731_000000723097_00397_46101_9384.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_122210_000003023097_00397_46101_9387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_123816_000004533097_00397_46101_9389.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_130013_000000903097_00397_46101_9390.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_130154_000003023097_00397_46101_9391.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_130824_000001573097_00397_46101_9393.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_132103_000009673097_00398_46102_9394.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_132103_000009673097_00398_46102_9395.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_133601_000005253097_00398_46102_9426.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_135847_000002593097_00398_46102_9427.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_140411_000003983097_00398_46102_9428.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_141052_000001753097_00398_46102_9430.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_141827_000003803097_00398_46102_9431.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20101224_142925_000003023097_00398_46102_9433.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_144139_000002293097_00398_46102_9435.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_144844_000002053097_00398_46102_9436.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_145847_000010393097_00399_46103_9438.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_145847_000010393097_00399_46103_9439.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_151513_000002053097_00399_46103_9459.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_152429_000002473097_00399_46103_9460.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_152926_000003083097_00399_46103_9462.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_153727_000000903097_00399_46103_9463.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_161326_000000723097_00399_46103_9466.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_163606_000008283097_00400_46104_9468.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_165332_000000723097_00400_46104_9491.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_165726_000001933097_00400_46104_9490.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_170142_000008283097_00400_46104_9492.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_173857_000002953097_00400_46104_9493.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_174656_000001573097_00400_46104_9495.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_175327_000000843097_00400_46104_9496.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_181649_000004103097_00401_46105_9497.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_182518_000002293097_00401_46105_9499.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_182751_000000783097_00401_46105_9510.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_183031_000000723097_00401_46105_9512.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_183727_000001993097_00401_46105_9511.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_184427_000000783097_00401_46105_9513.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_191912_000006953097_00401_46105_9515.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_194723_000008043097_00401_46105_9516.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_200227_000001993097_00402_46106_9518.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20101224_200227_000001993097_00402_46106_9519.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_1PNPDE20101224_030724_000000383097_00391_46095_6857.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_031039_000000393097_00392_46096_6856.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_031158_000000383097_00392_46096_6855.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_031654_000000373097_00392_46096_6854.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_034610_000002703097_00392_46096_6847.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_052826_000001583097_00393_46097_6886.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_072402_000000593097_00394_46098_6913.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_085407_000001223097_00395_46099_6944.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_103145_000002273097_00396_46100_6964.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101224_103702_000001223097_00396_46100_6965.N1					OK	OK	OK	OK

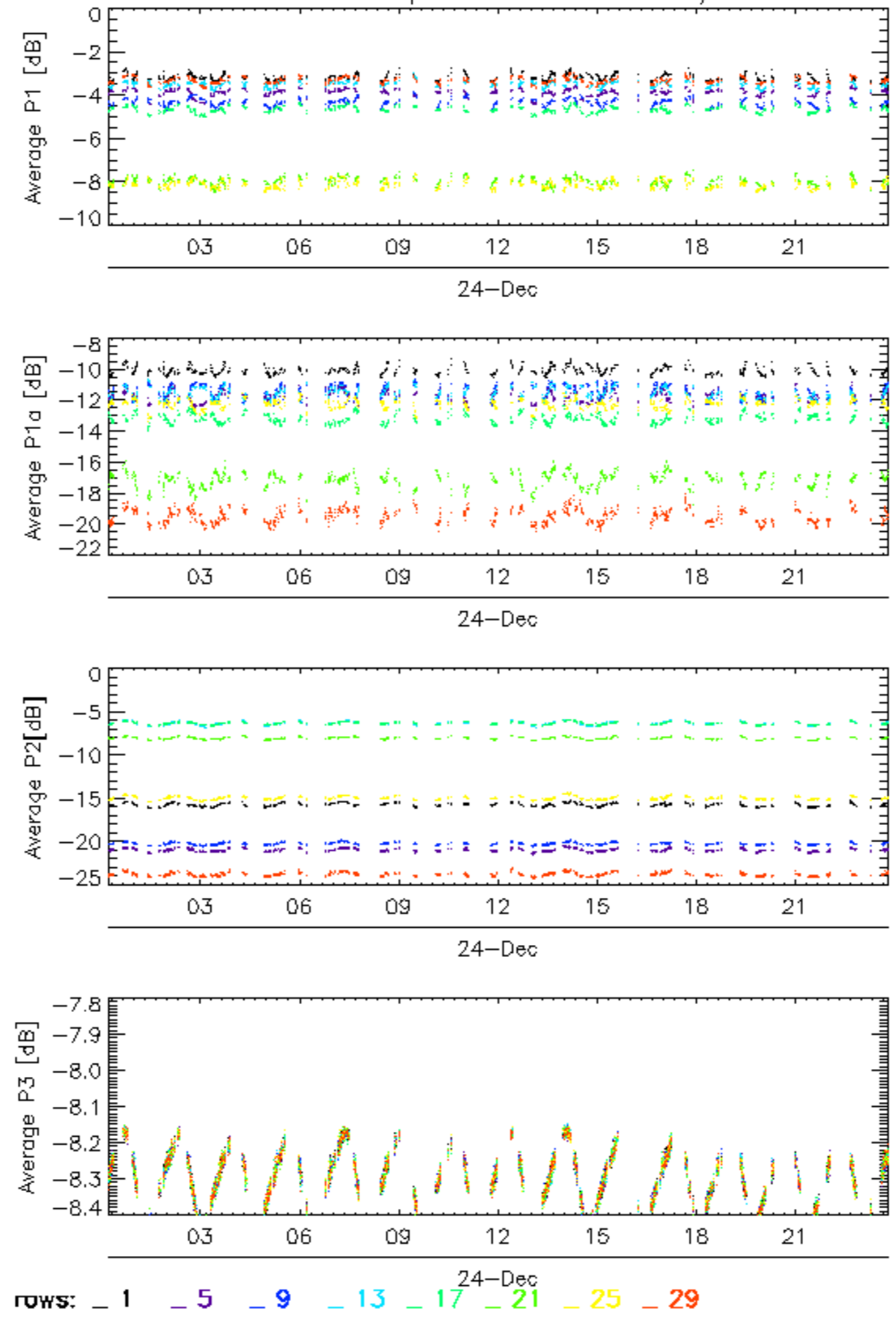
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101224_000551_000001533097_00390_46094_6820.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_000934_000002263097_00390_46094_6821.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_012128_000001533097_00390_46094_6840.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_014705_000003303097_00391_46095_6850.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_033001_000000733097_00392_46096_6853.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6887.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6888.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_050919_000001533097_00393_46097_6897.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_051935_000001533097_00393_46097_6885.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_060351_000004713097_00393_46097_6908.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_064906_000001533097_00394_46098_6912.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_070454_000002943097_00394_46098_6907.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_091857_000005143097_00395_46099_6966.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_110651_000003673097_00396_46100_6983.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_120619_000003063097_00397_46101_6984.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_122715_000002693097_00397_46101_6985.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_142451_000002693097_00398_46102_6990.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_151842_000003433097_00399_46103_6991.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_161051_000001533097_00399_46103_6989.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_174355_000001773097_00400_46104_6995.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_174939_000002263097_00400_46104_6993.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_182340_000000923097_00401_46105_6996.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_184051_000002143097_00401_46105_6998.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_184552_000003733097_00401_46105_6999.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_193051_000002143097_00401_46105_6997.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_202027_000002813097_00402_46106_7003.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_210218_000001283097_00402_46106_7008.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101224_210910_000003123097_00402_46106_7000.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101224_214507_000002513097_00403_46107_9558.N1					OK	OK	OK	OK
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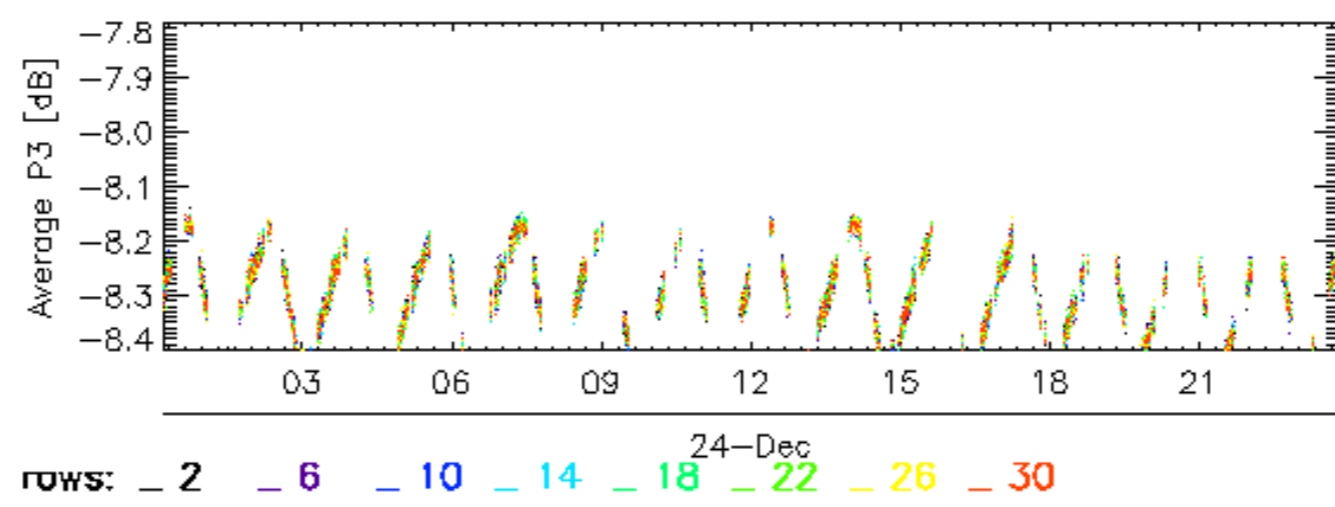
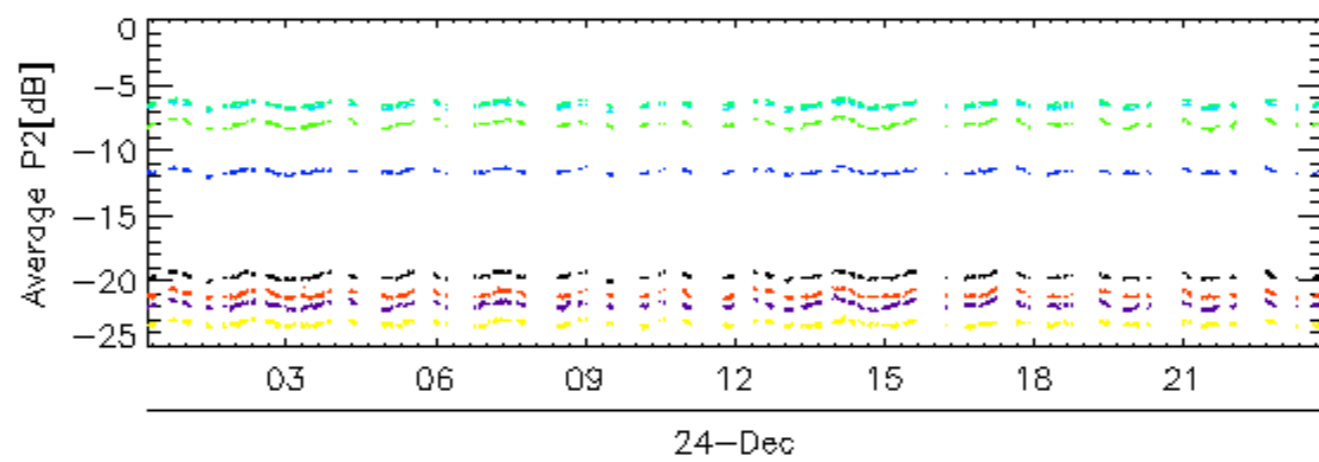
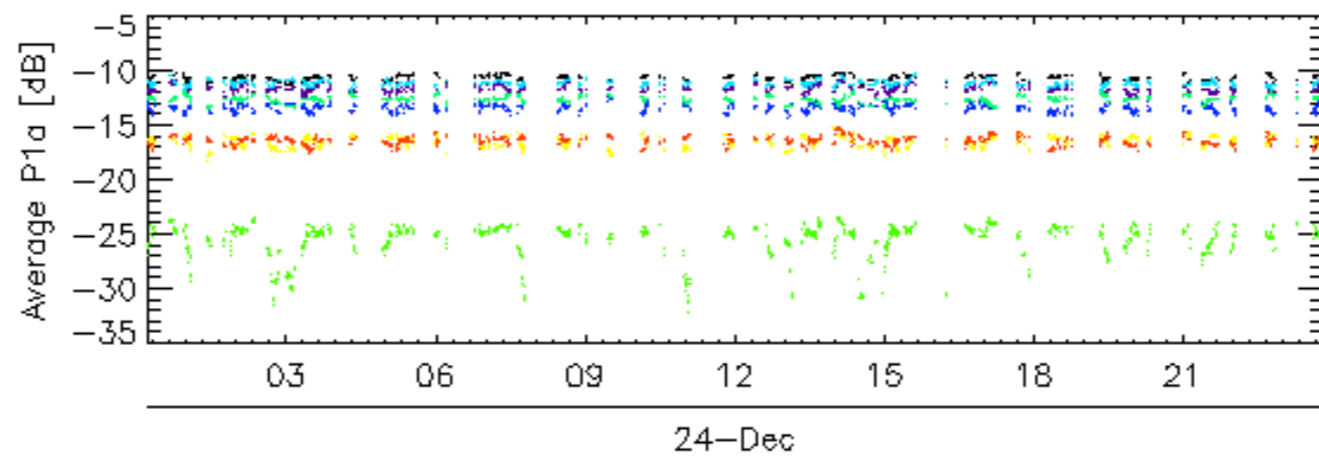
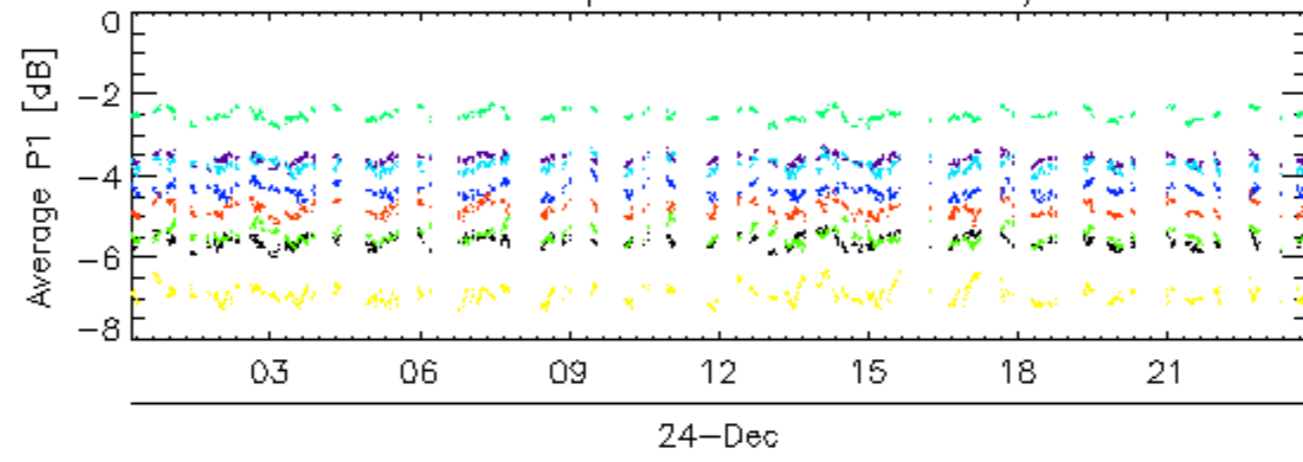
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20101224_011406_000002843097_00390_46094_6831.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20101224_011751_000001803097_00390_46094_6849.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_013012_000007643097_00391_46095_6868.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_022220_000008253097_00391_46095_6866.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_025253_000002703097_00391_46095_6860.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_031244_000002093097_00392_46096_6858.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_035425_000008543097_00392_46096_6872.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20101224_053403_000010493097_00393_46097_6892.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101224_055102_000003303097_00393_46097_6911.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20101224_153903_000011393097_00399_46103_9465.N1					OK	OK	OK	OK
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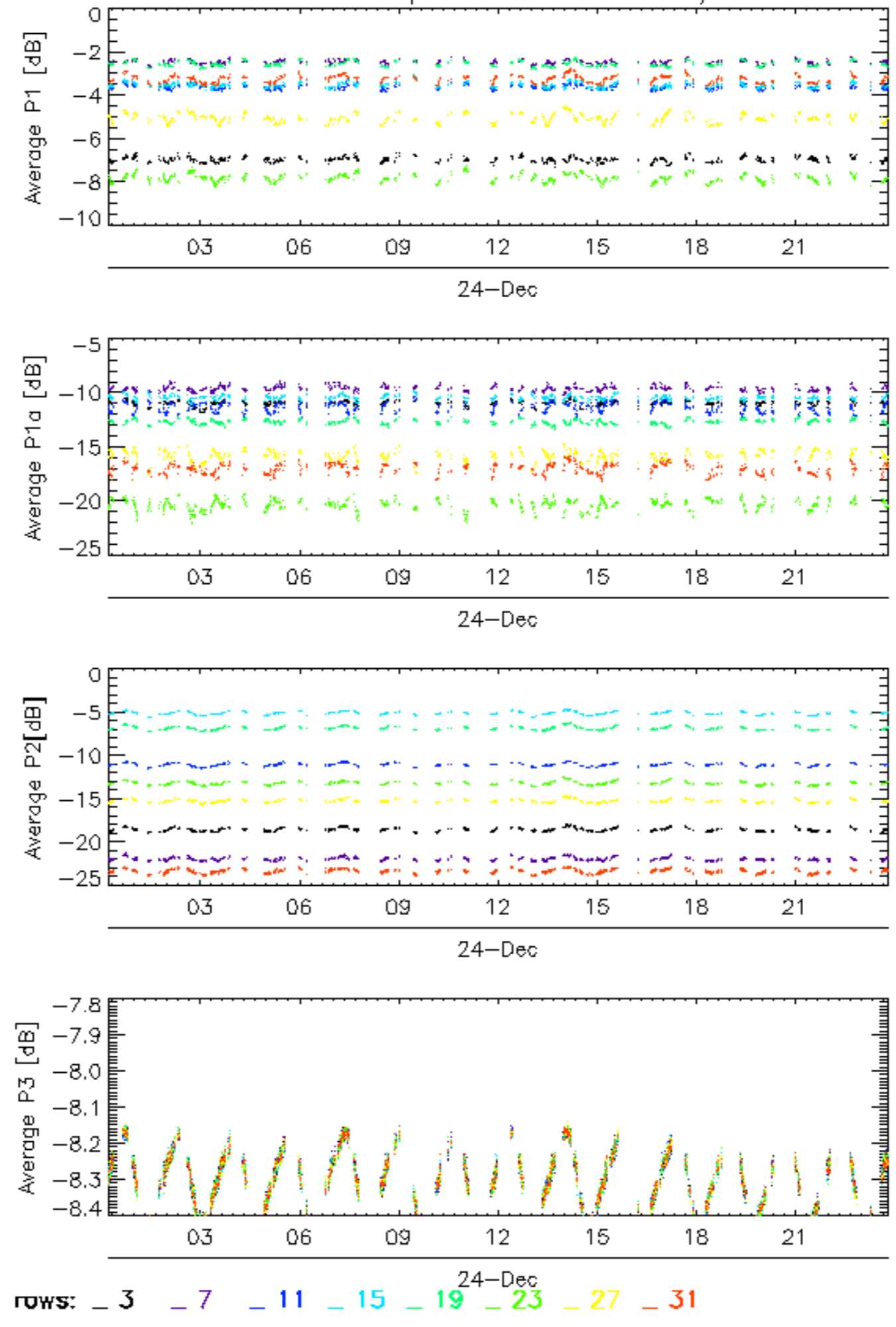
Calibration pulses for GM1 SS3 H/H



Calibration pulses for GM1 SS3 H/H

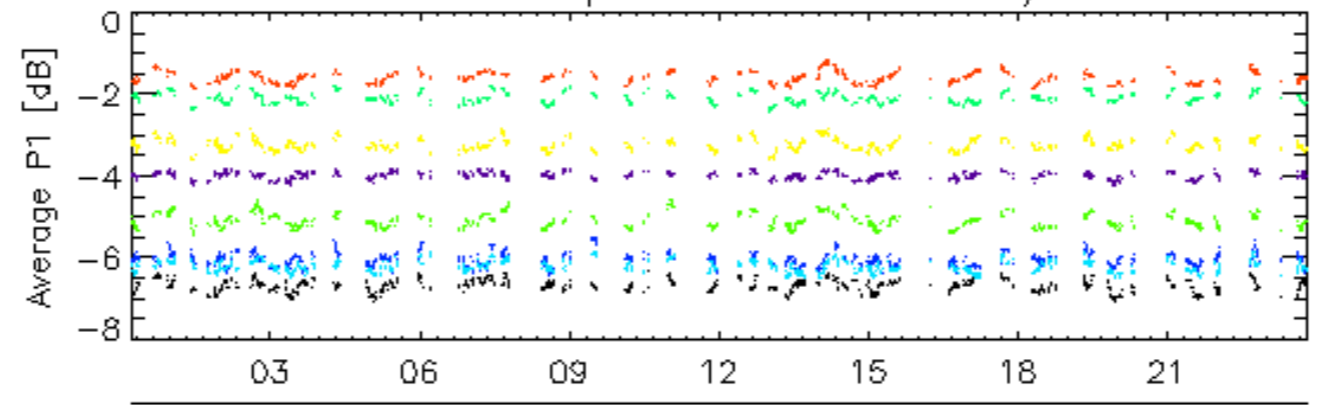


Calibration pulses for GM1 SS3 H/H

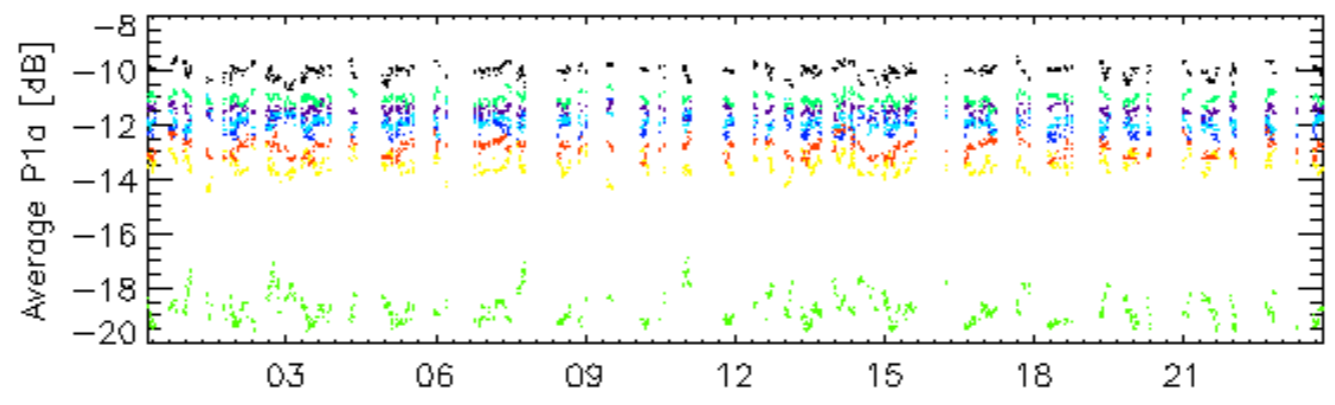




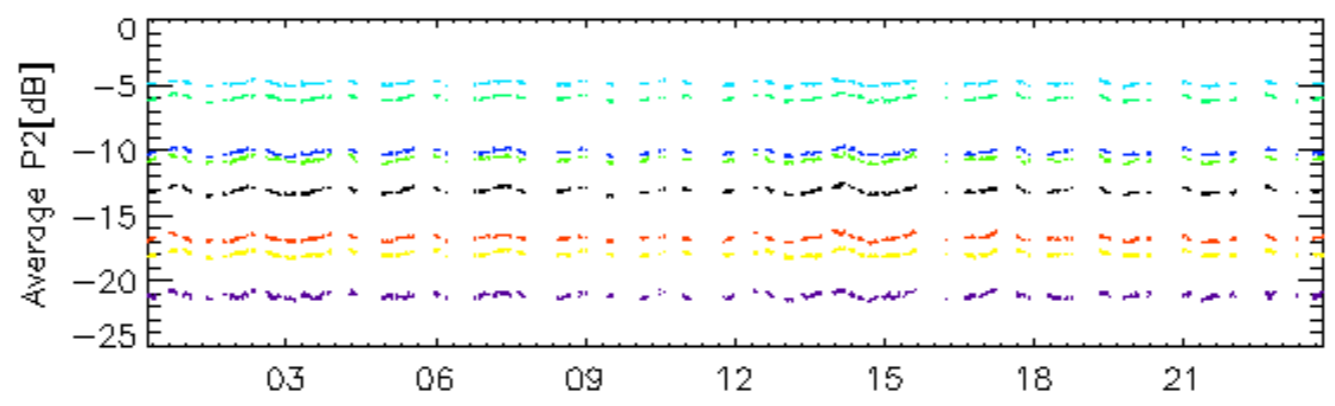
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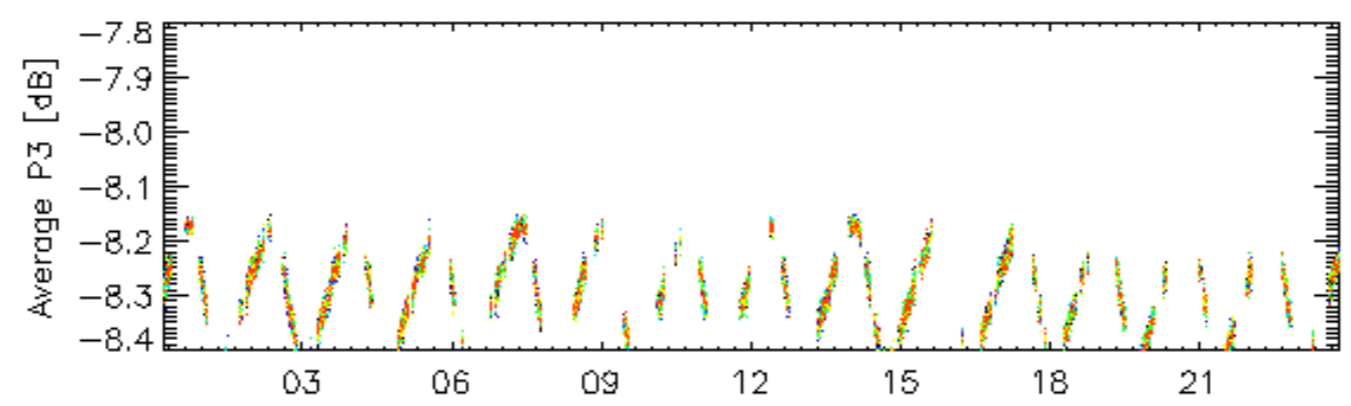
24-Dec



24-Dec



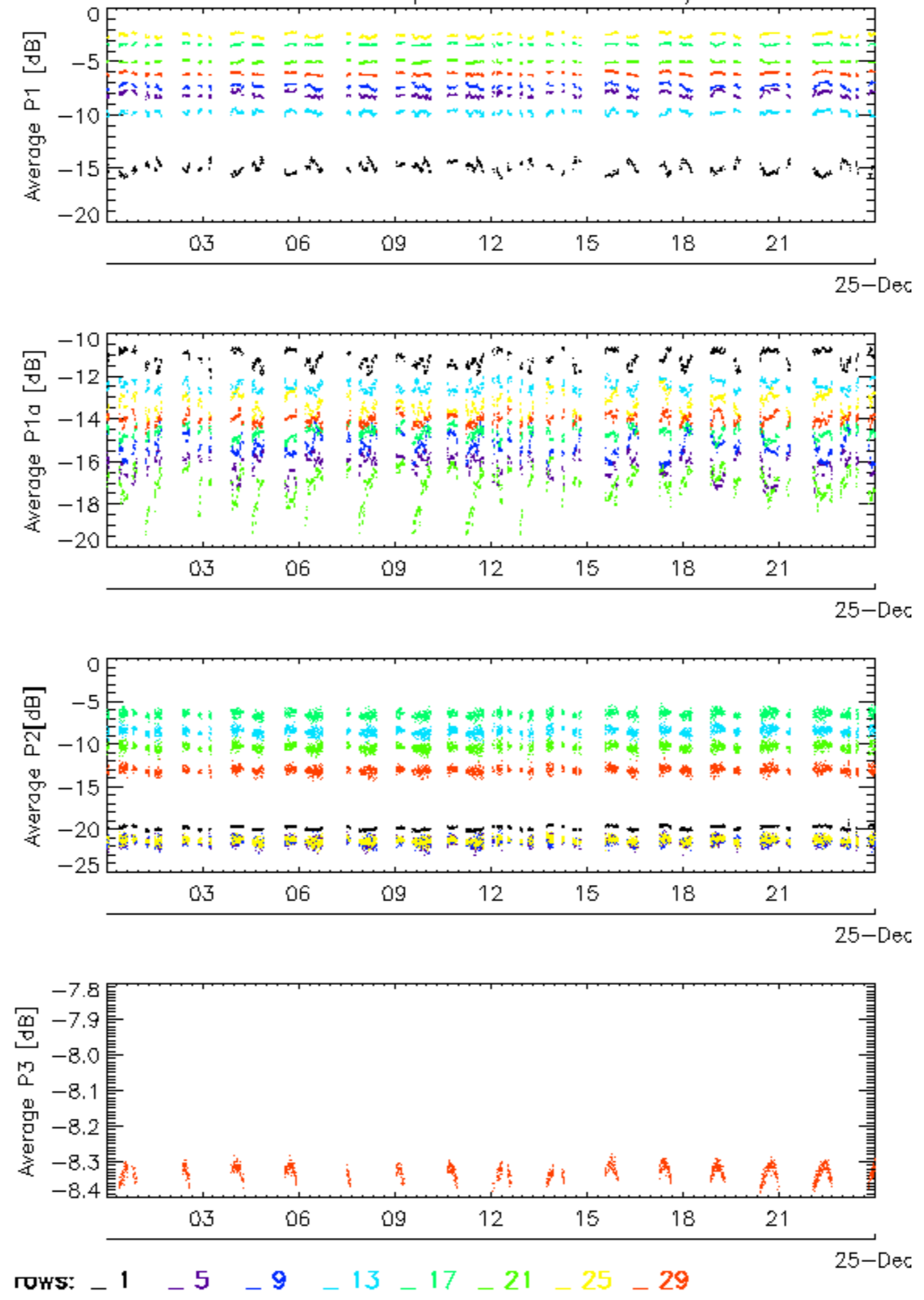
24-Dec



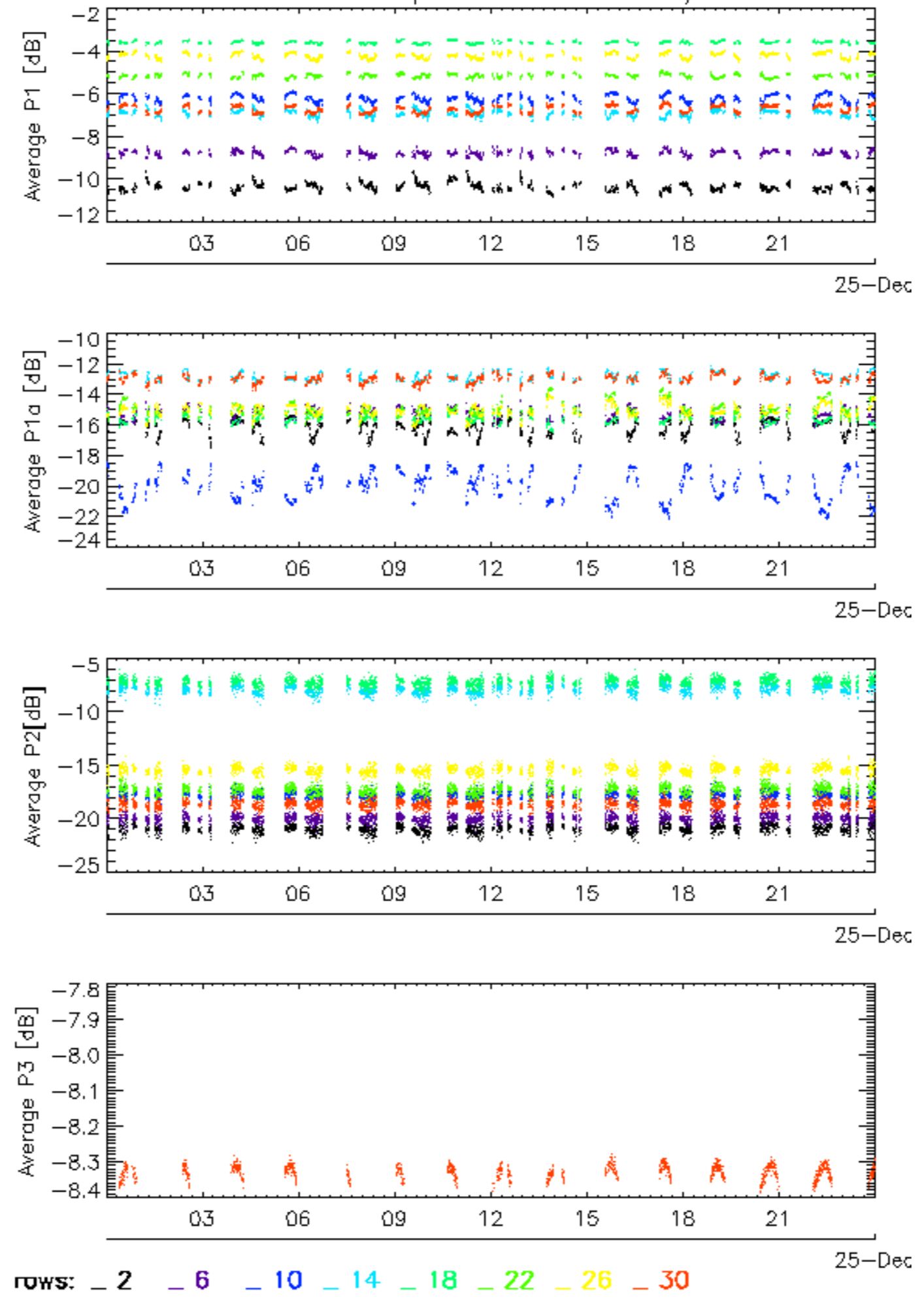
24-Dec

rows: \_ 4 \_ 8 \_ 12 \_ 16 \_ 20 \_ 24 \_ 28 \_ 32

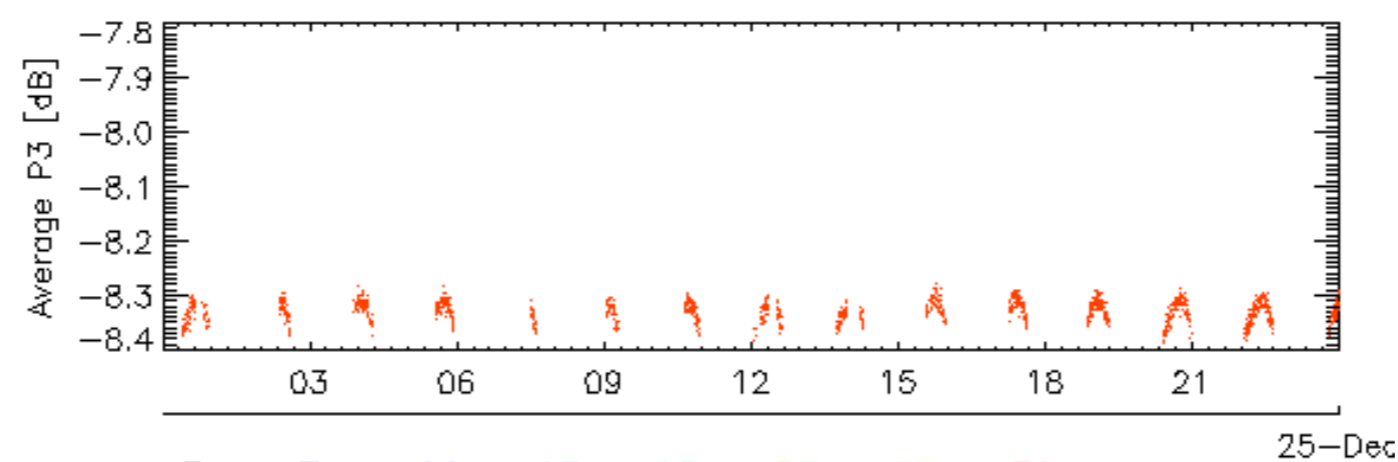
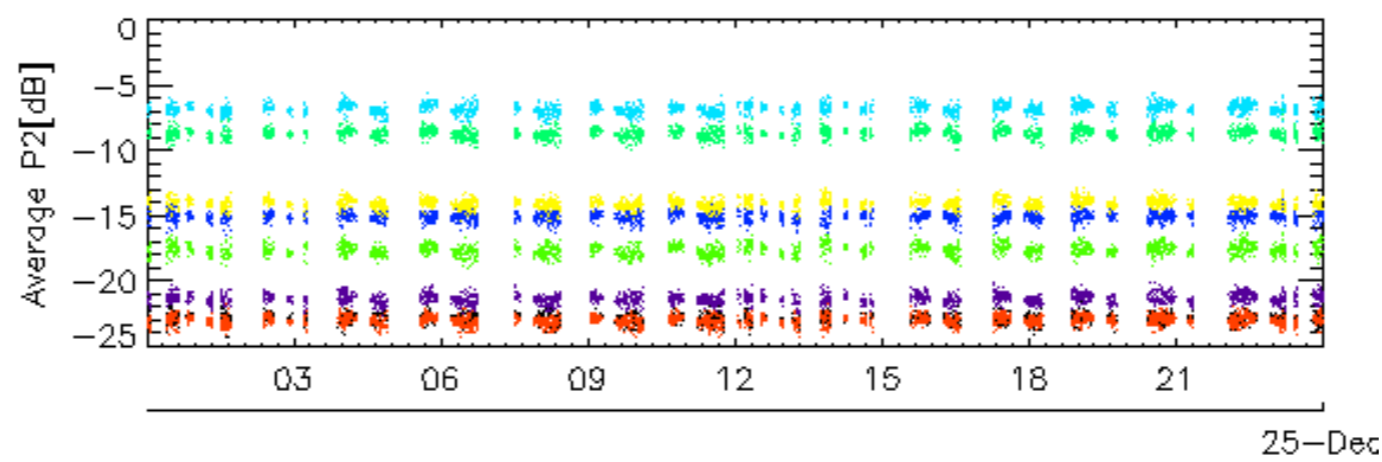
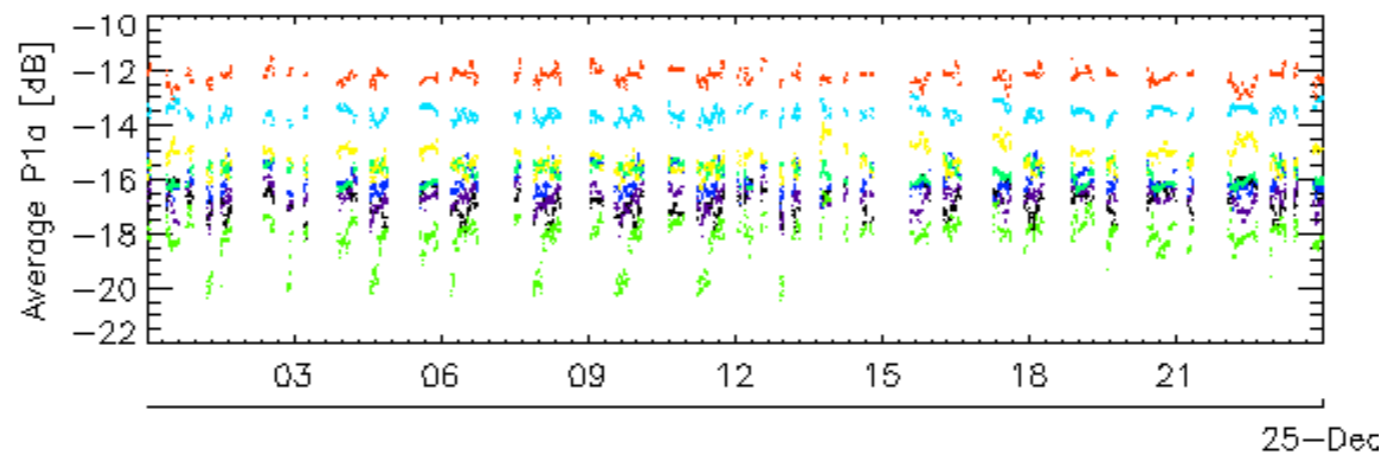
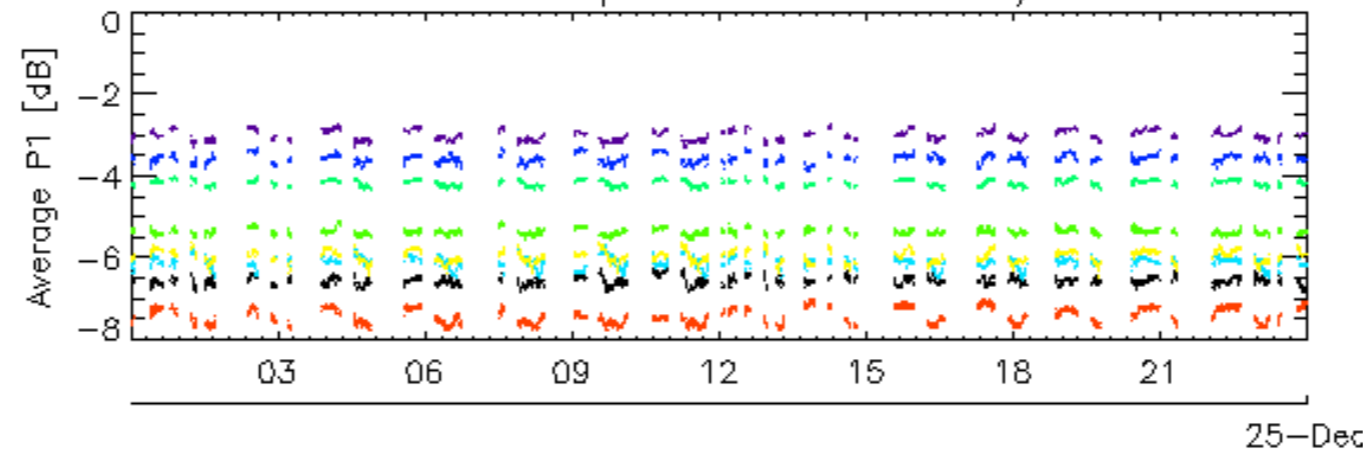
### Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

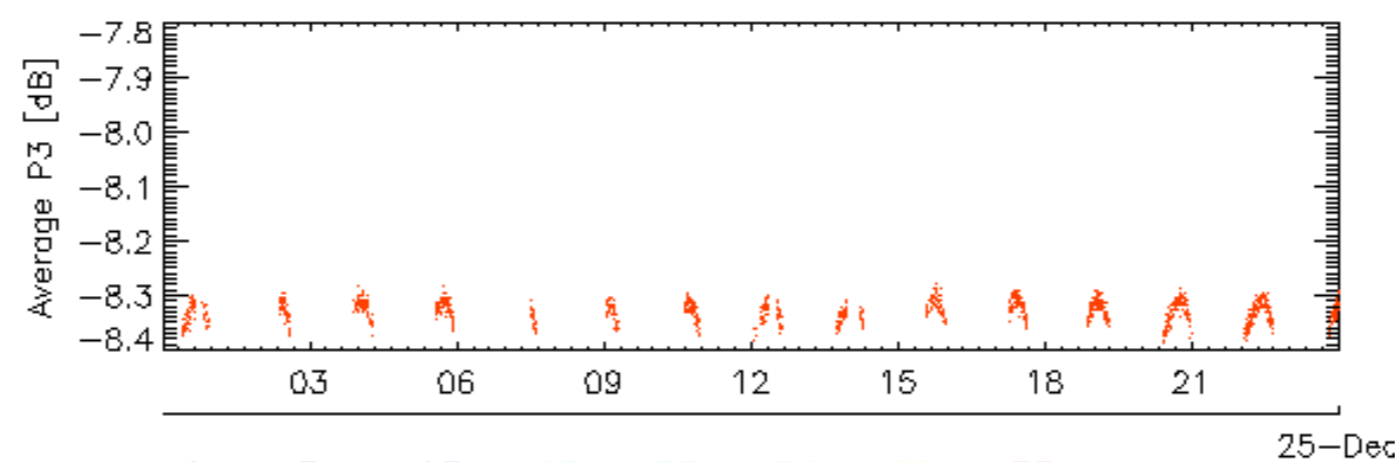
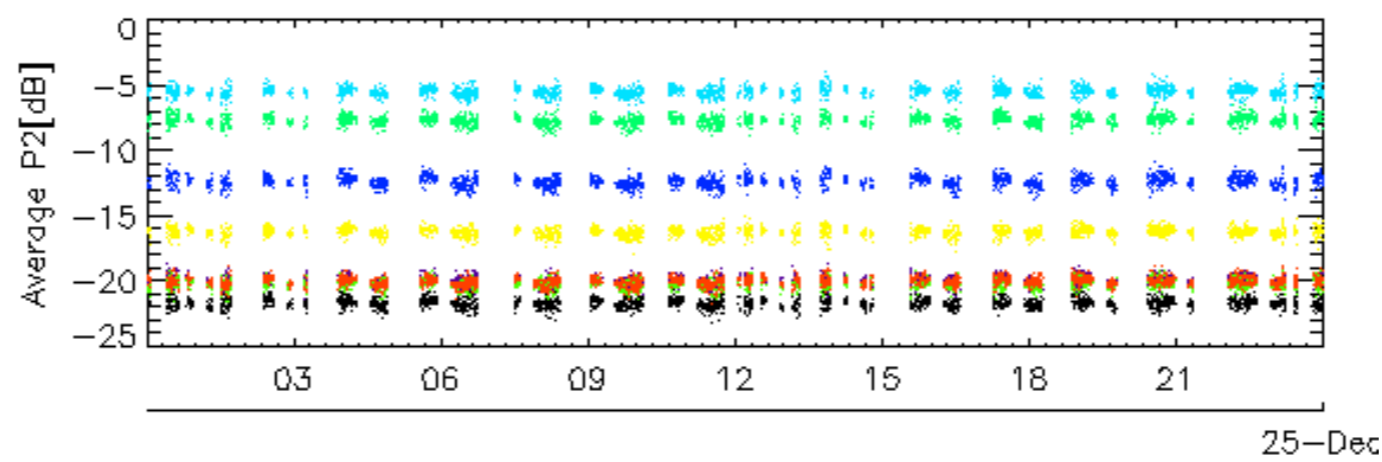
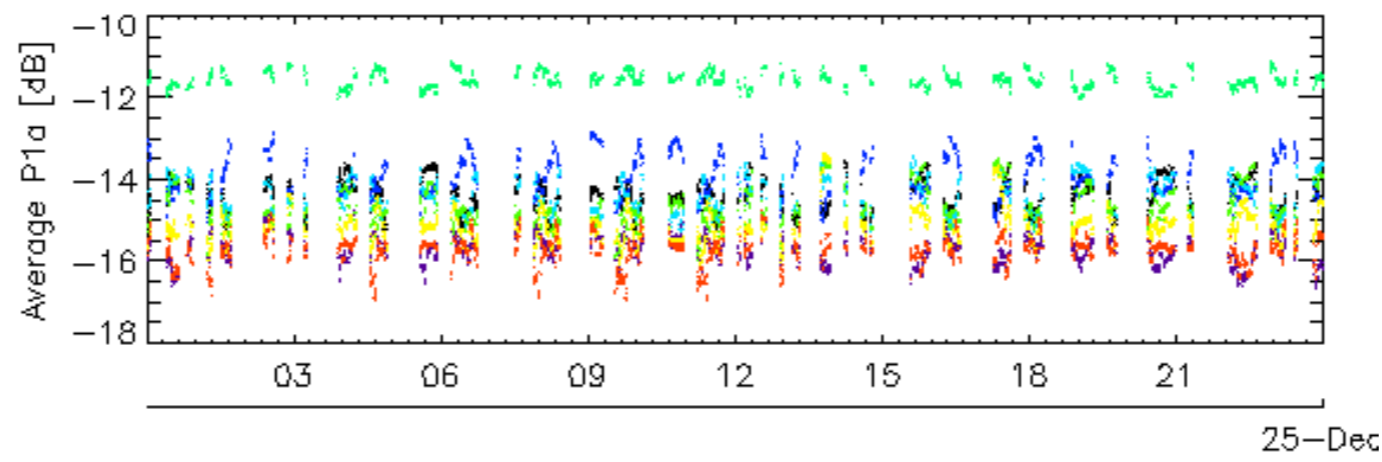
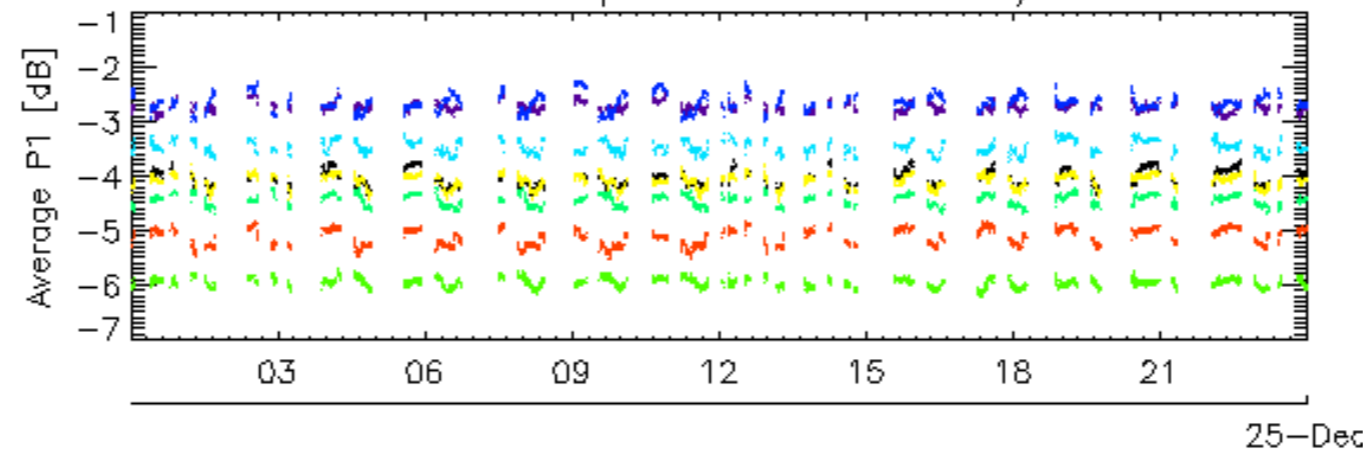


Calibration pulses for WVS IS2 V/V

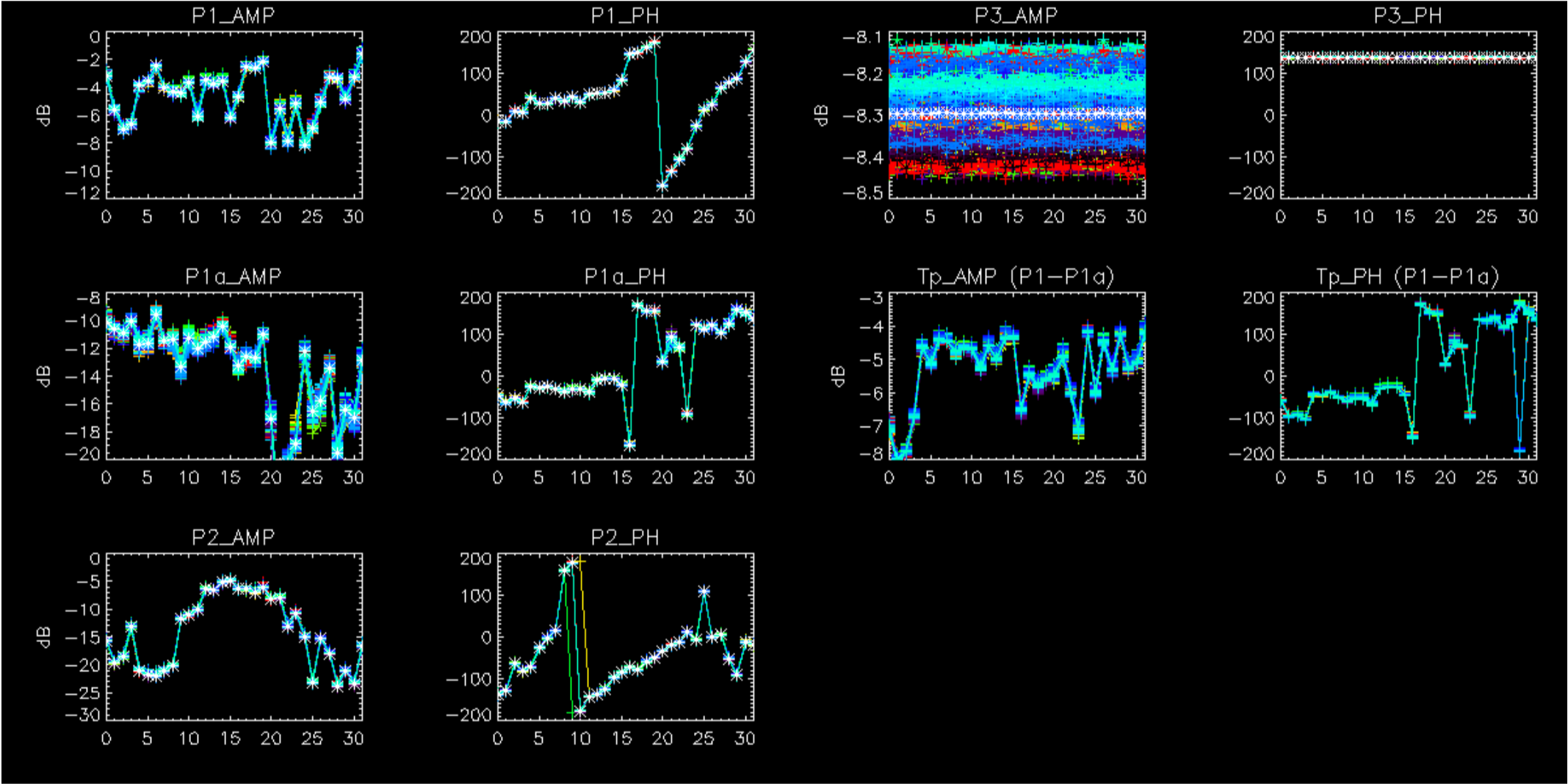


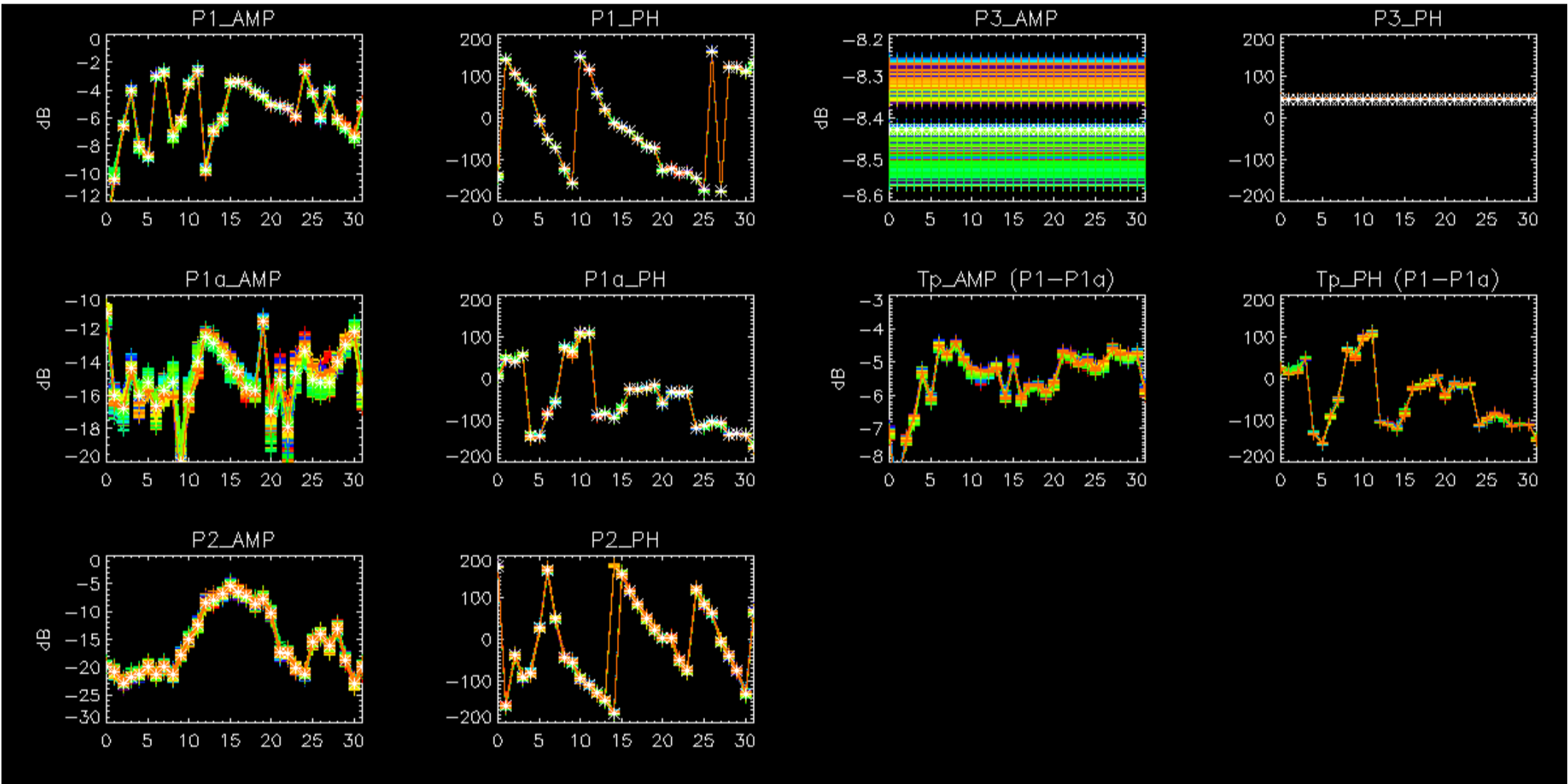
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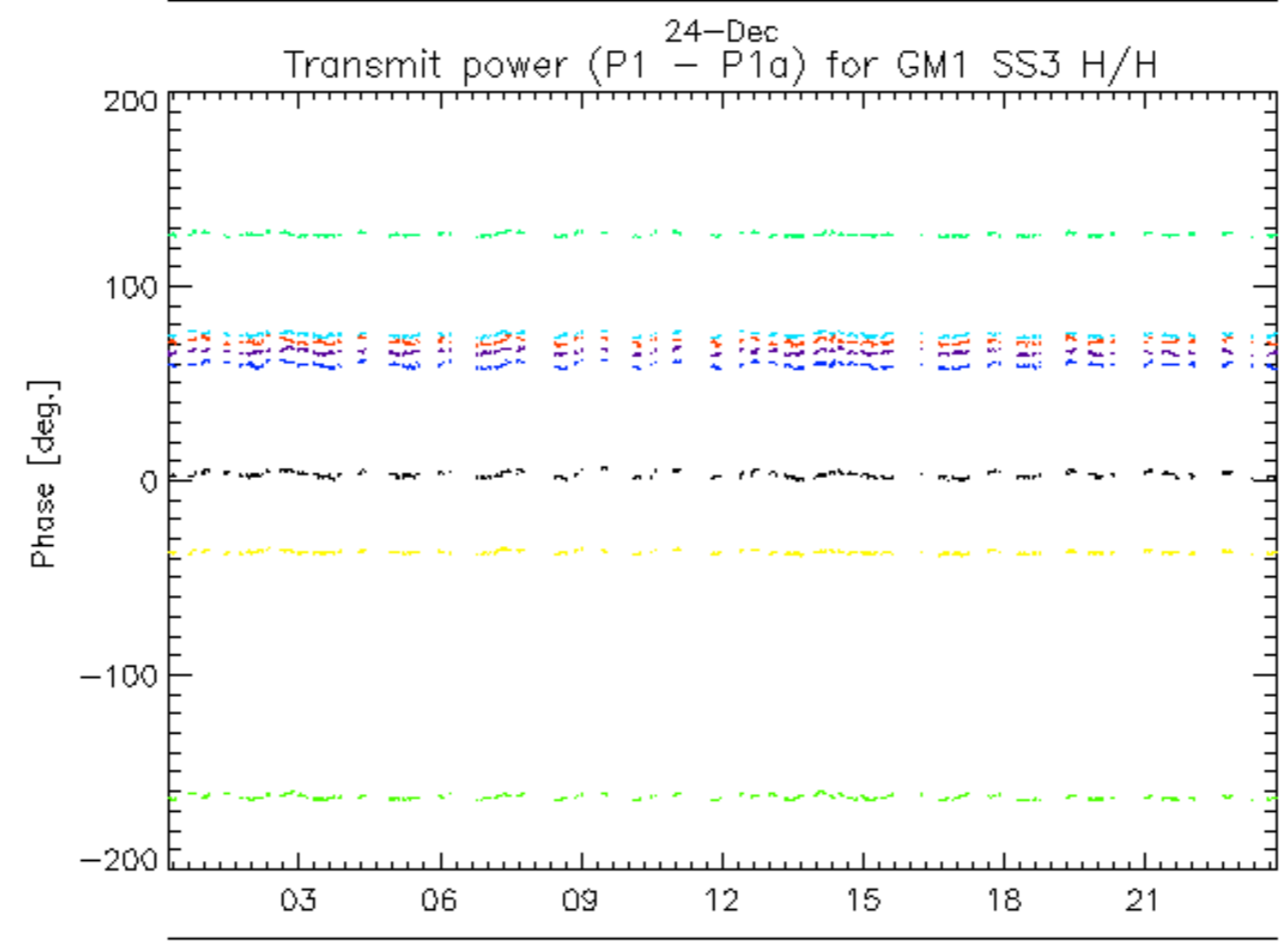
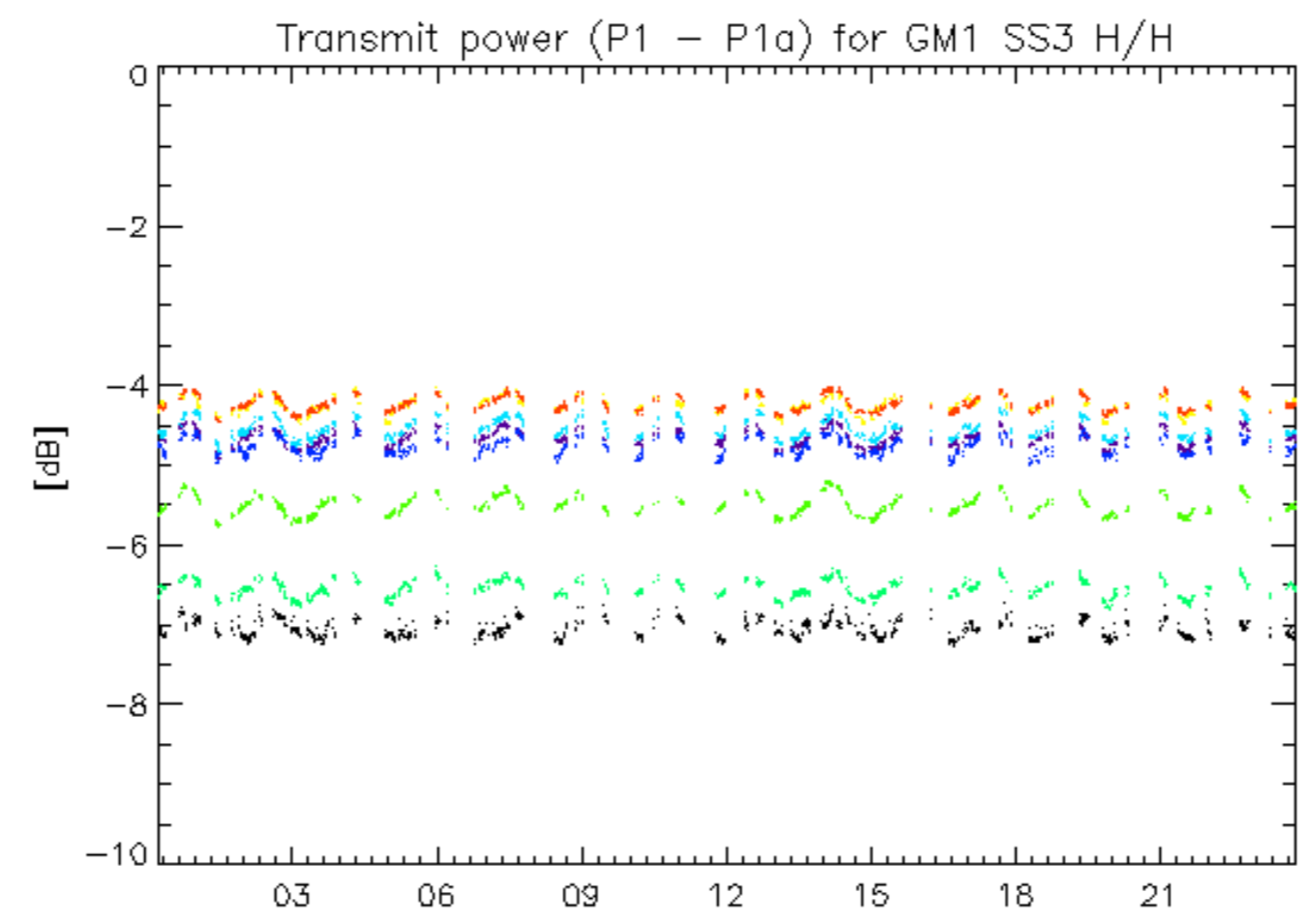
### Calibration pulses for WVS IS2 V/V



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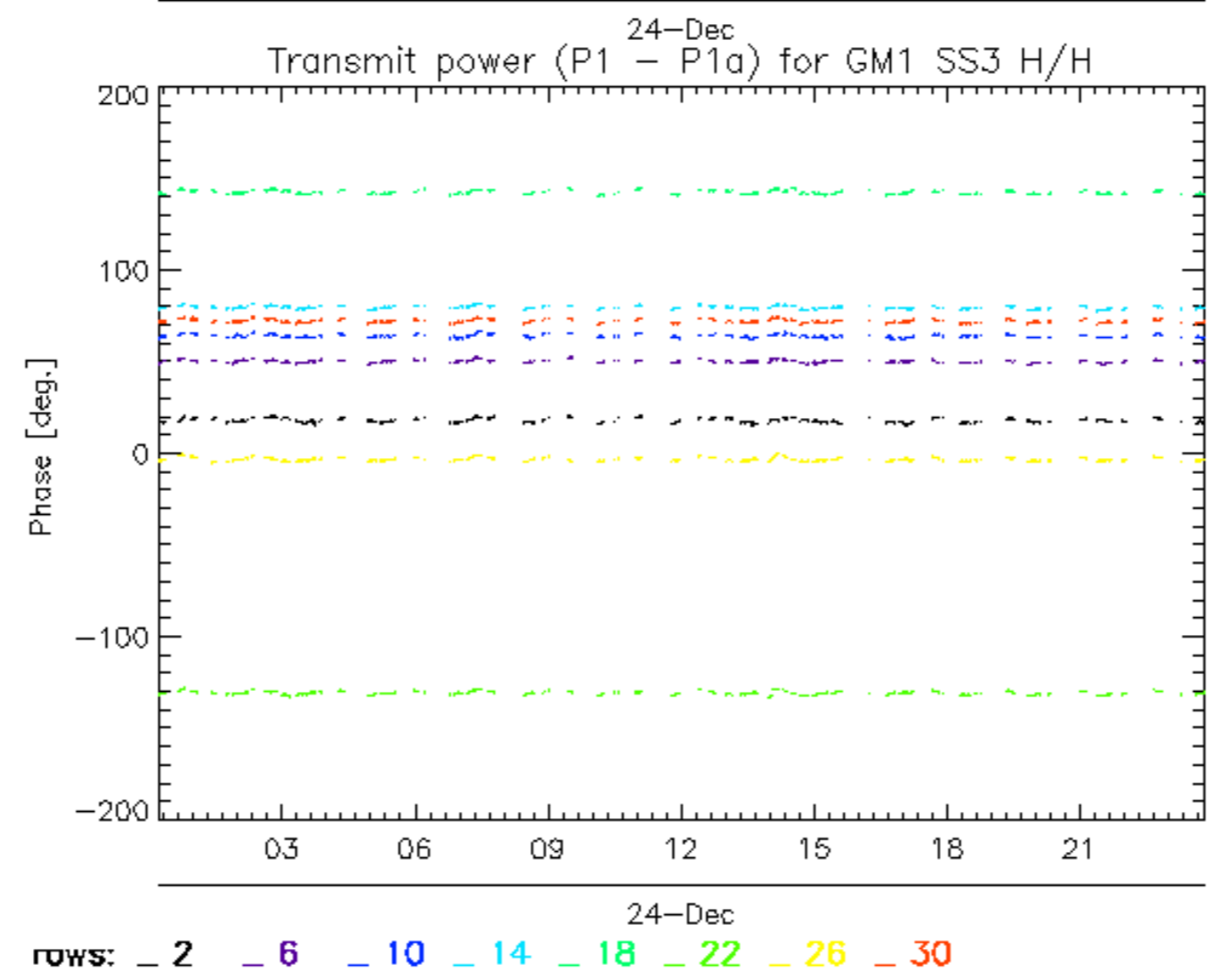
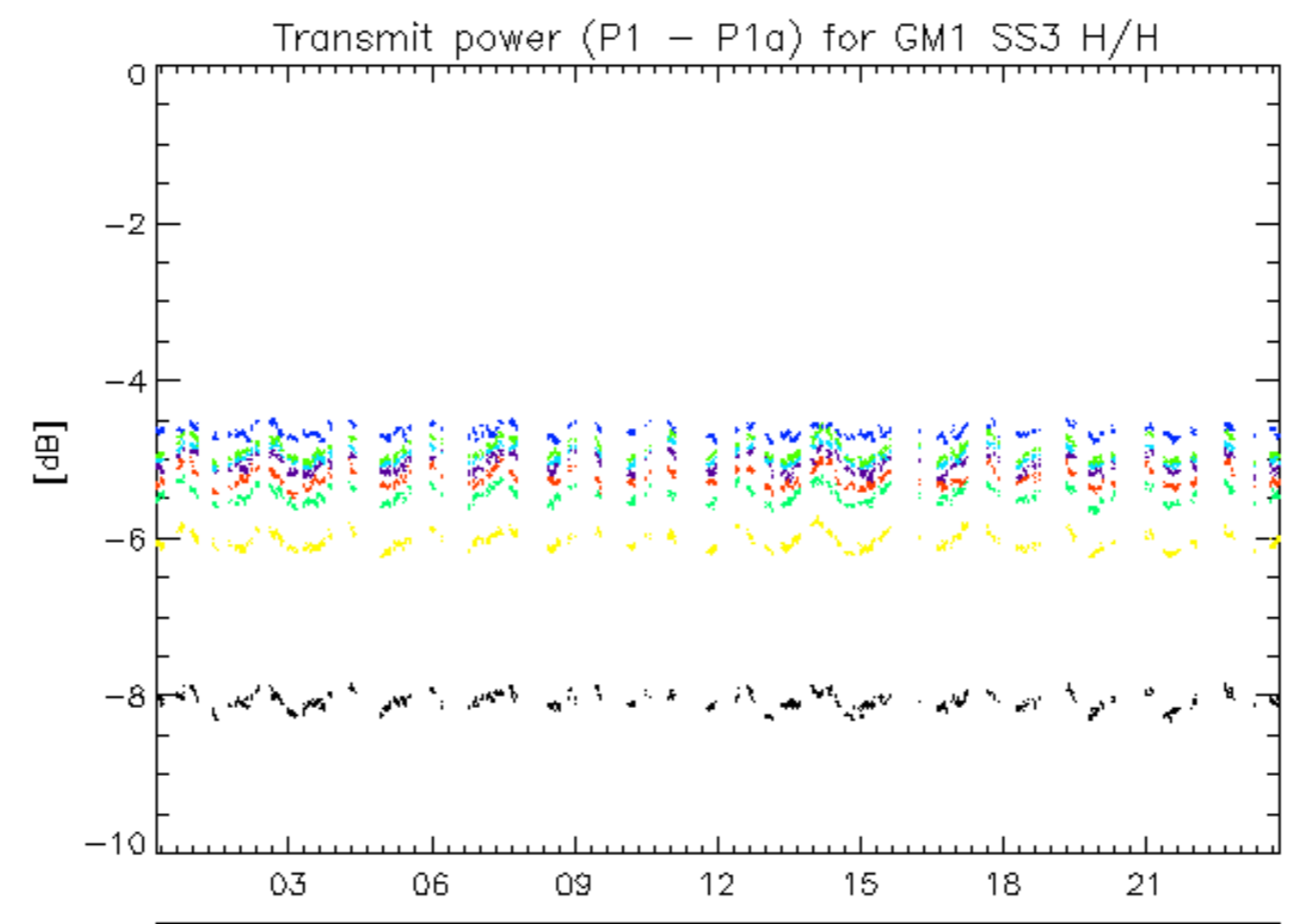


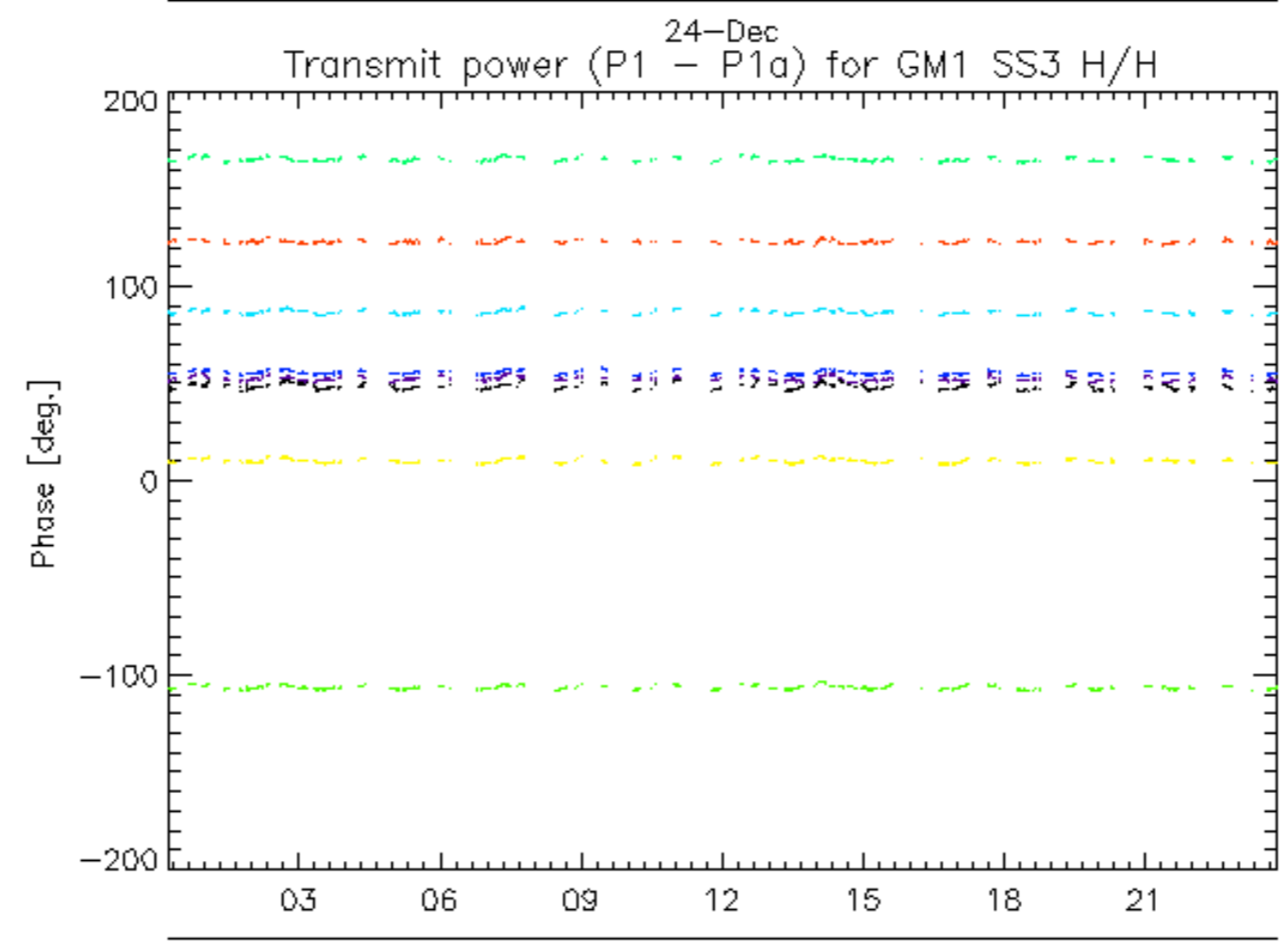
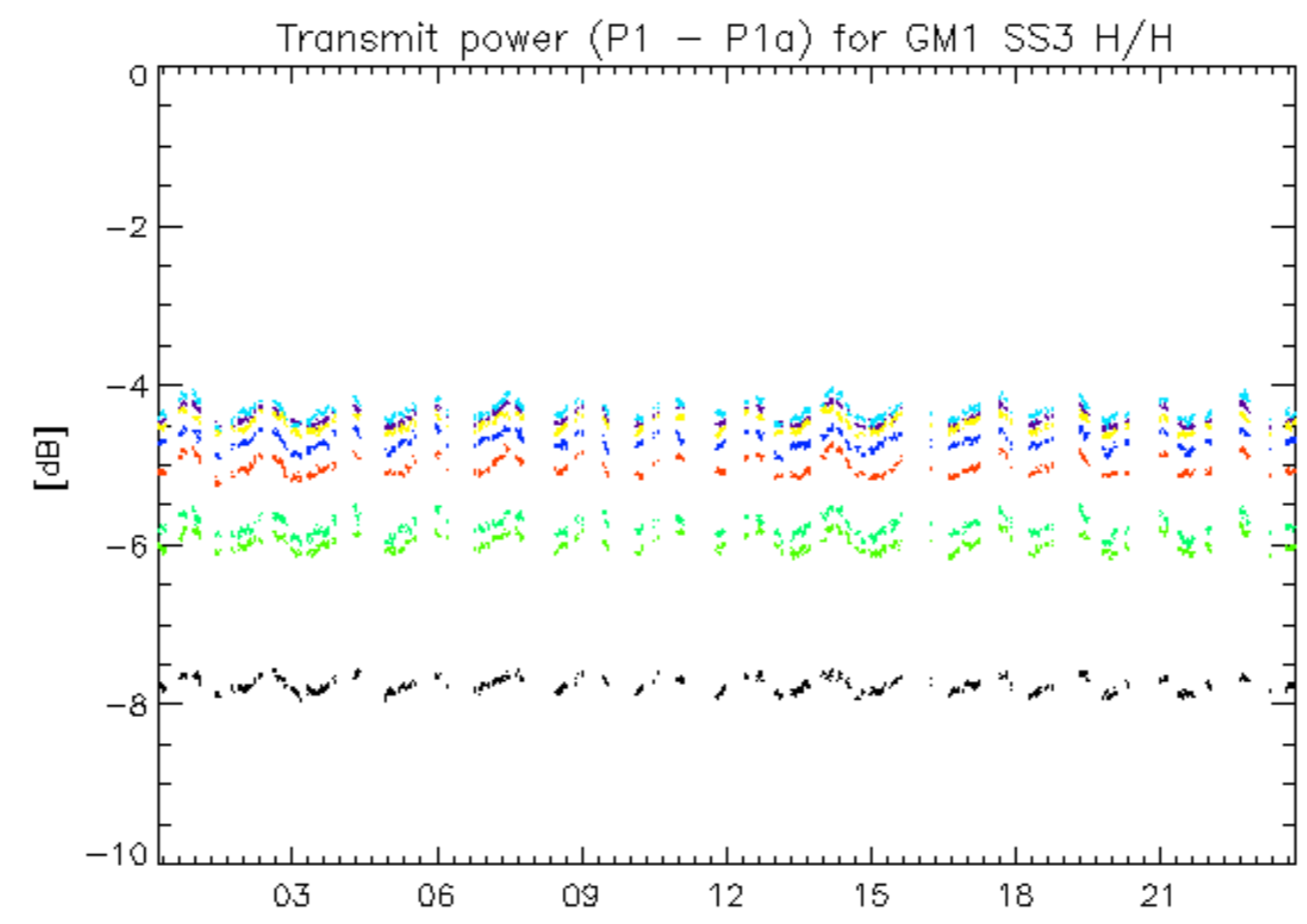




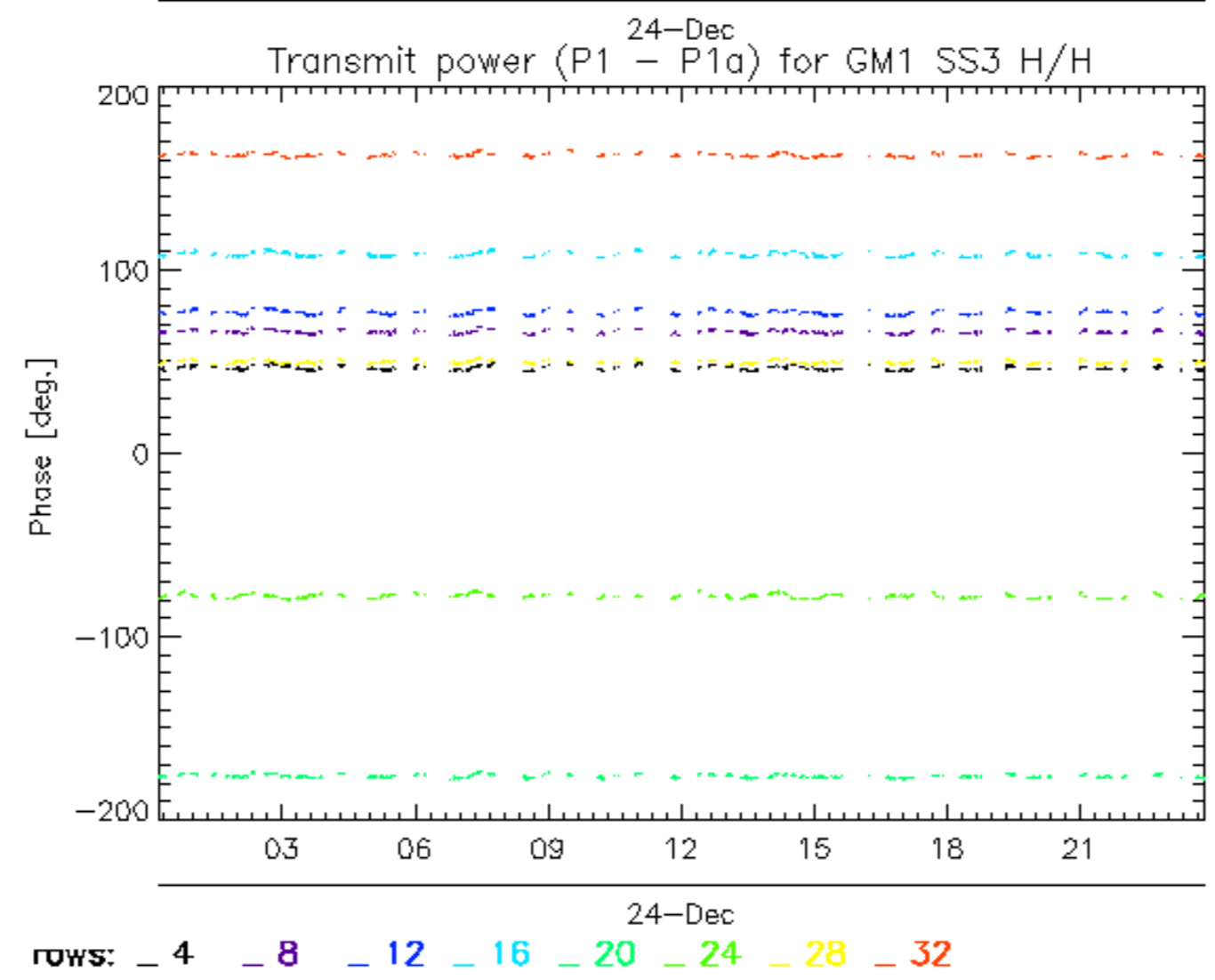
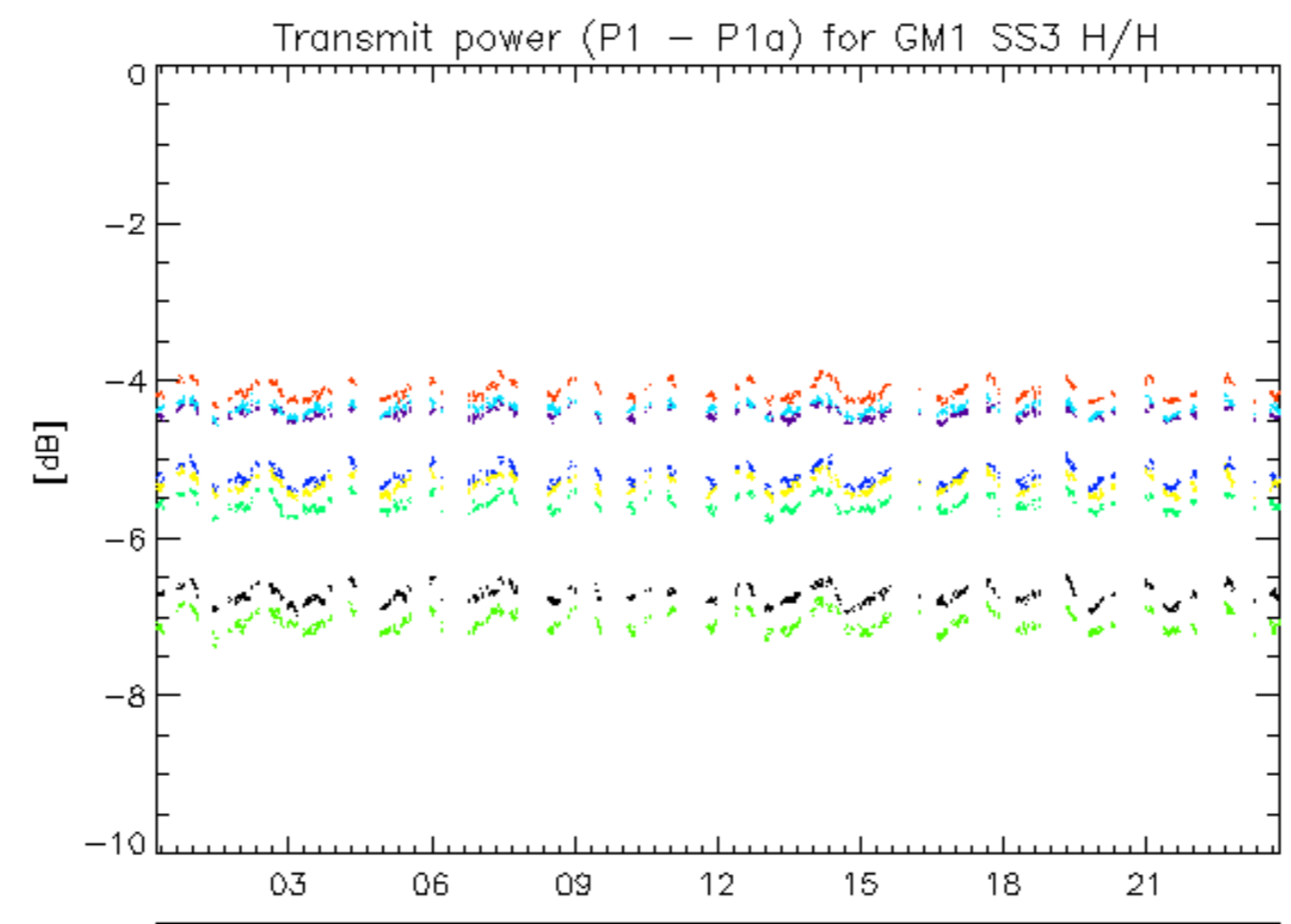
24-Dec  
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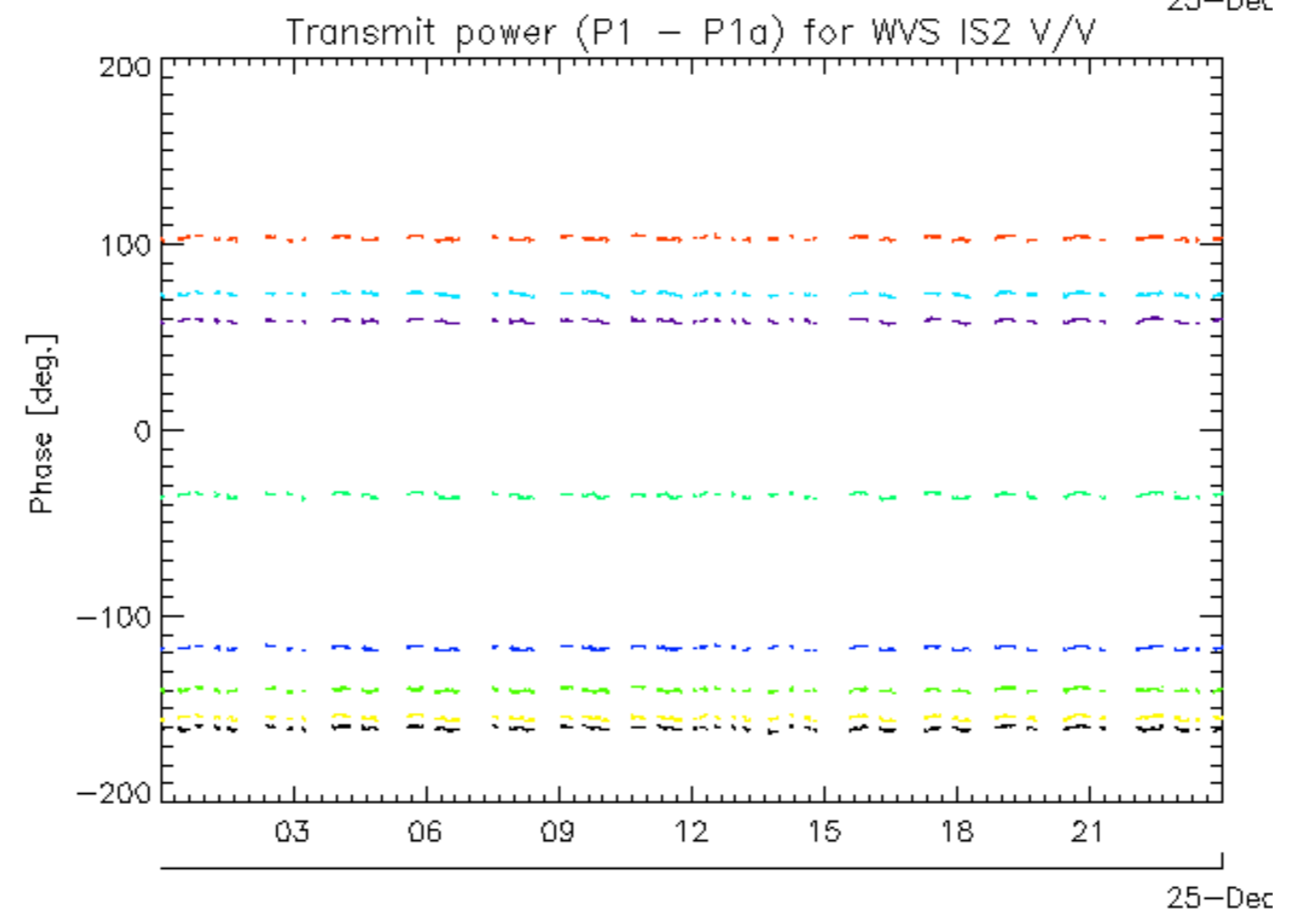
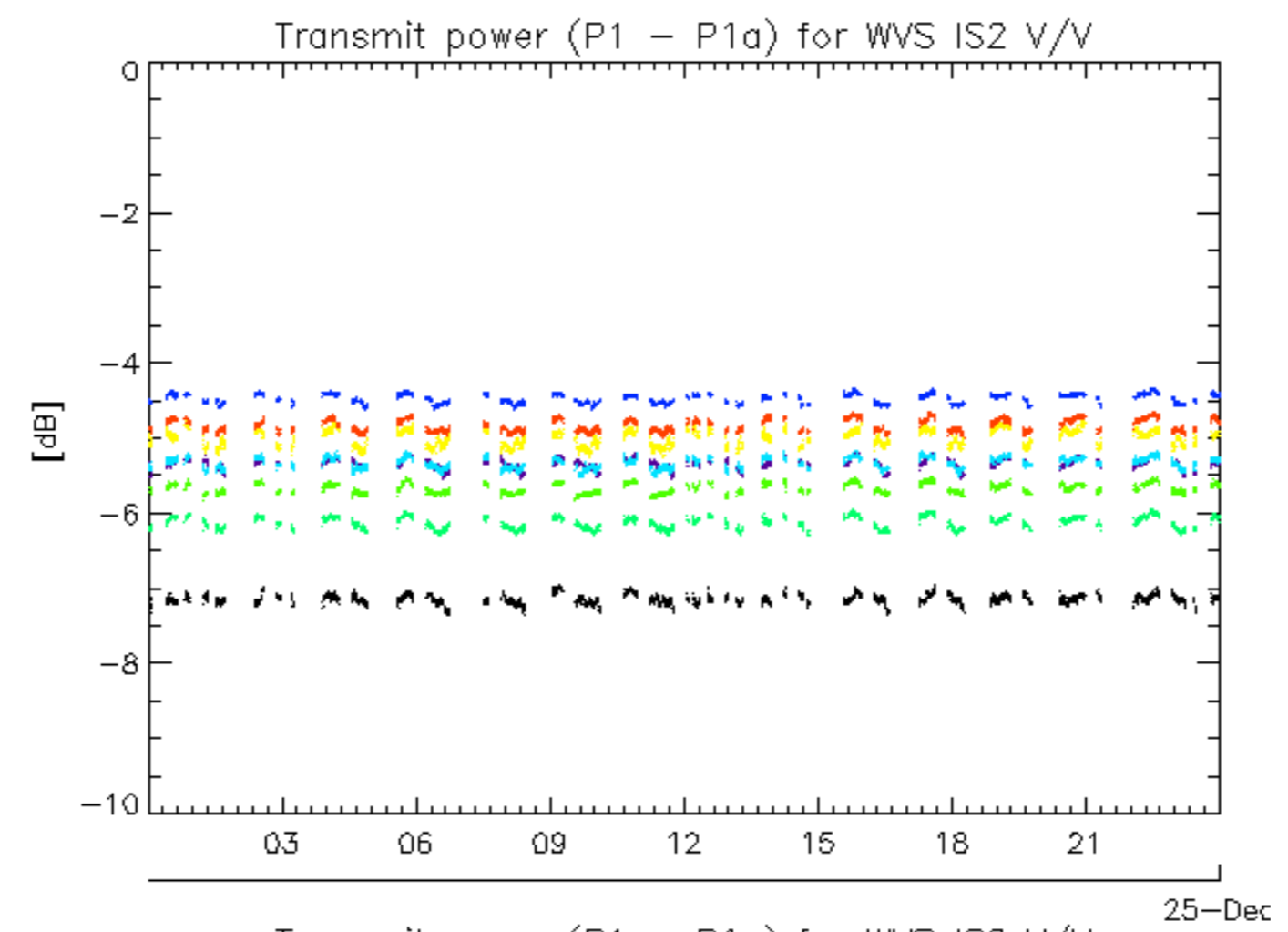




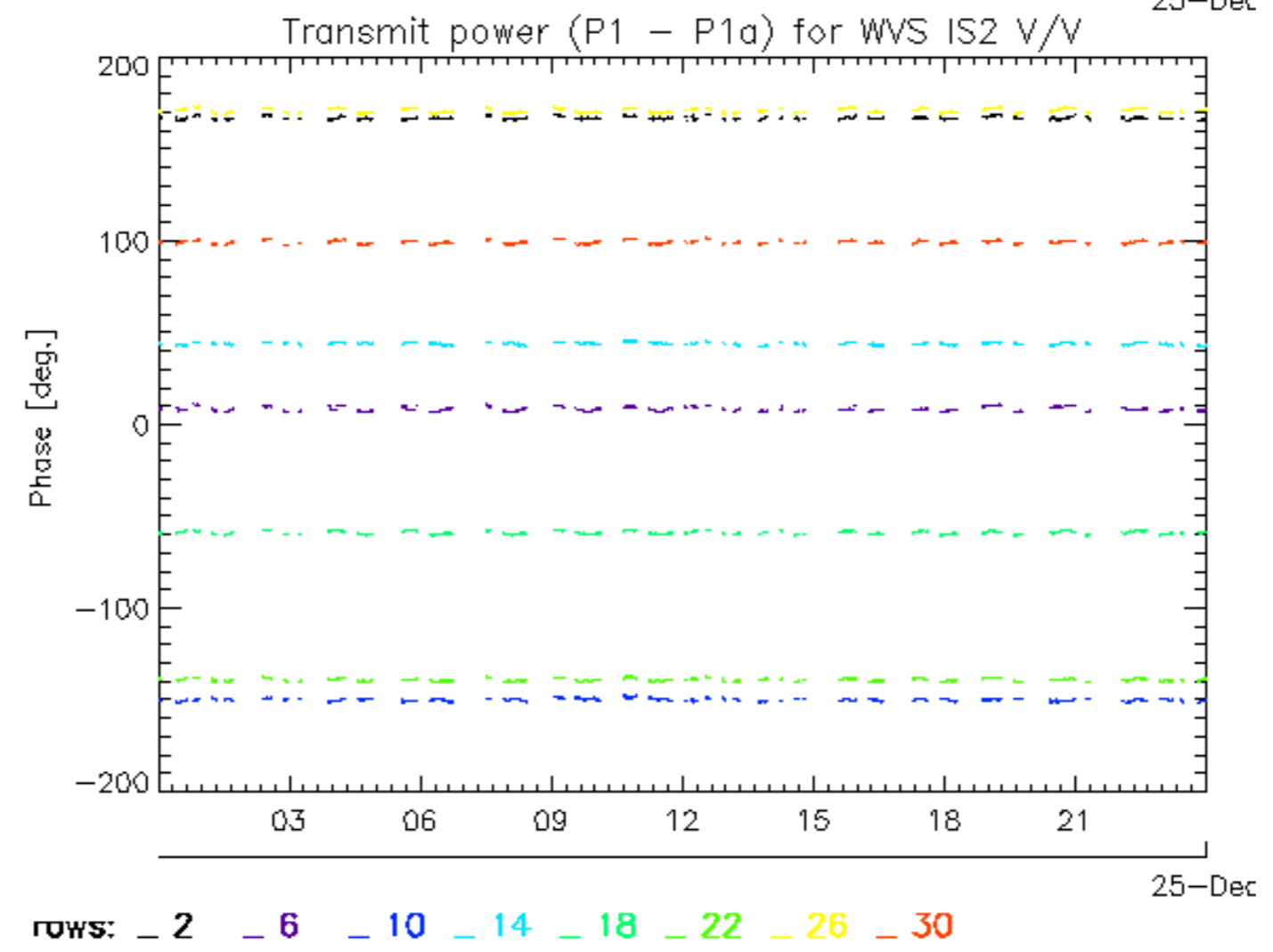
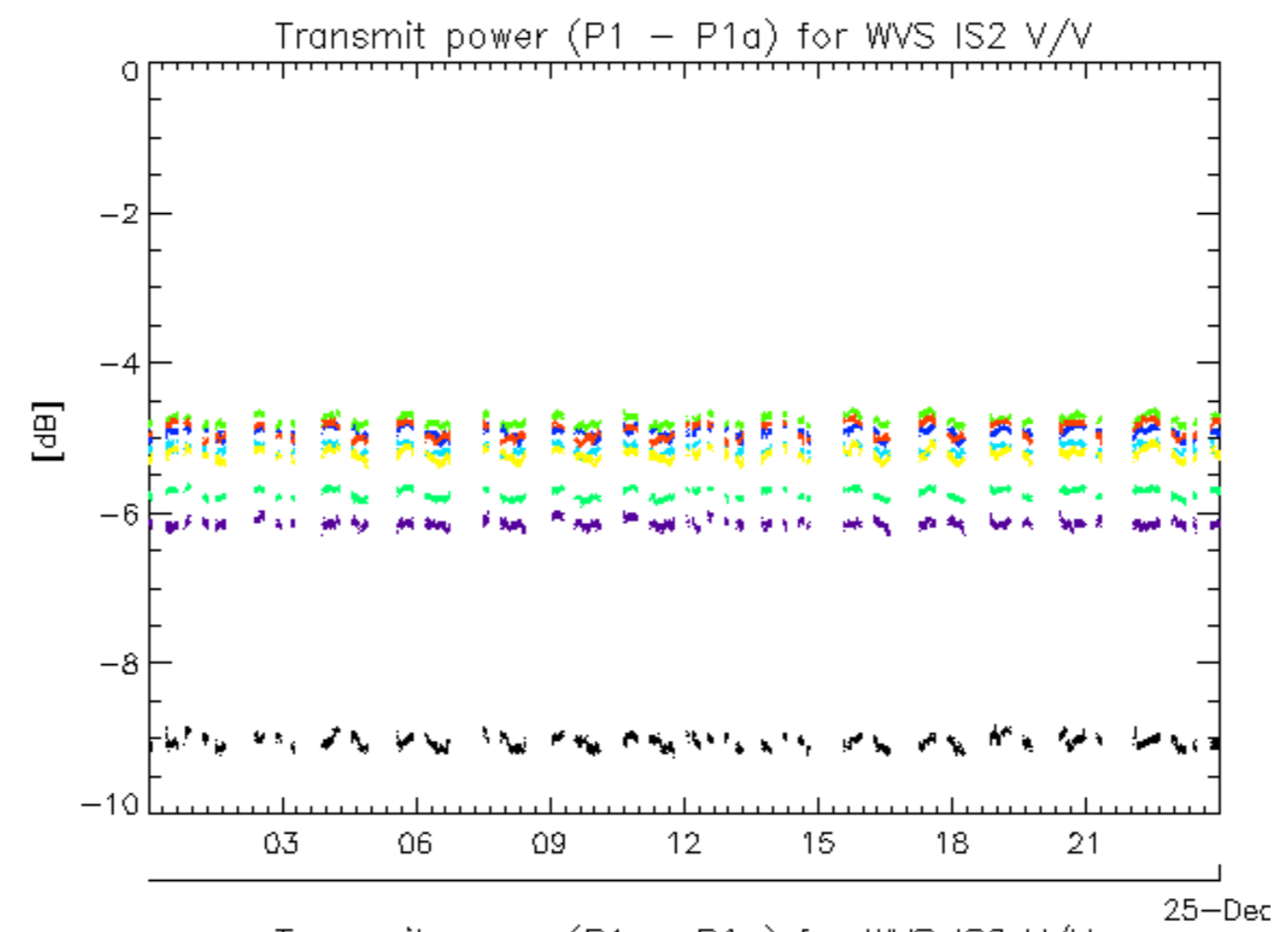


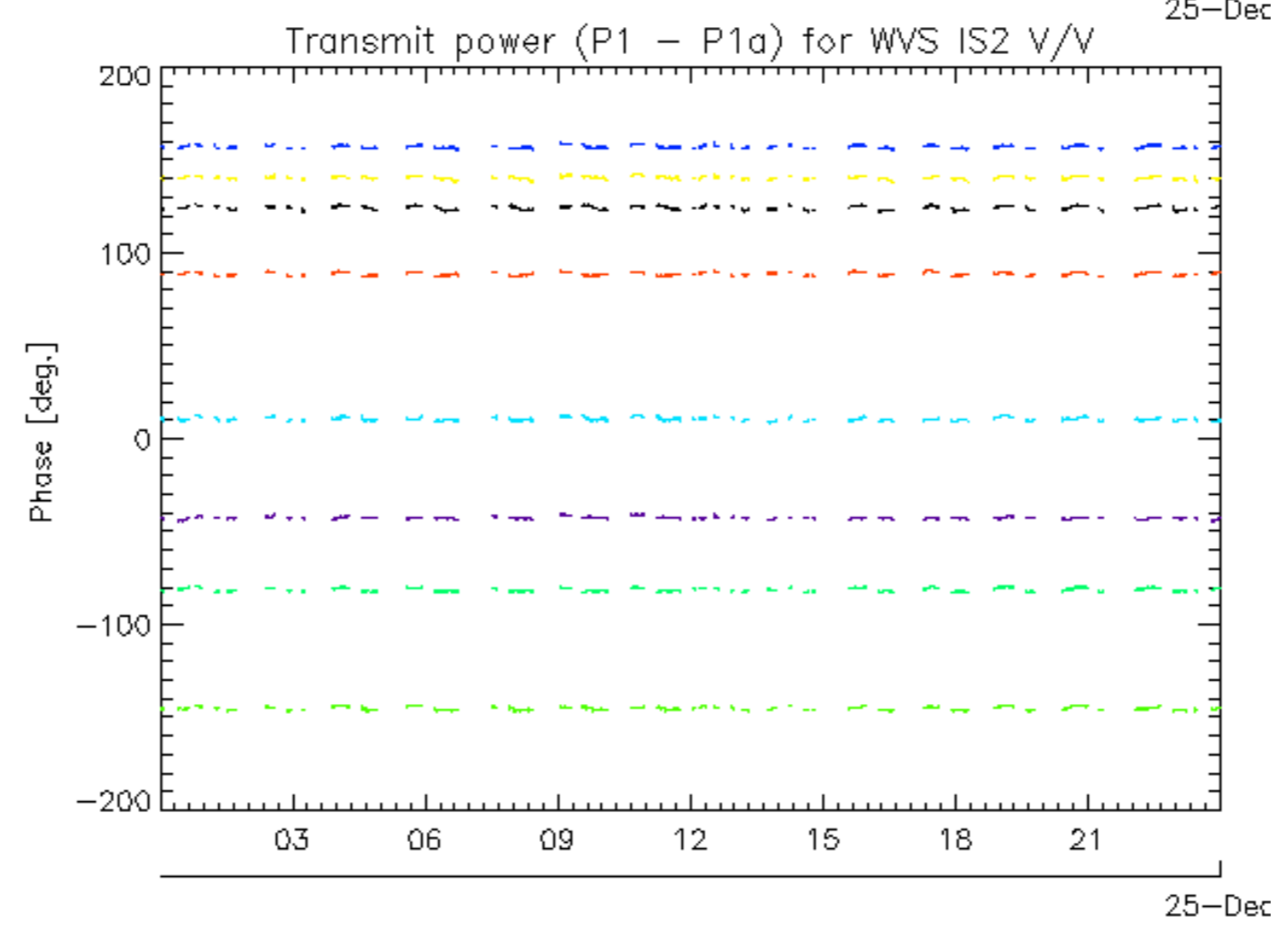
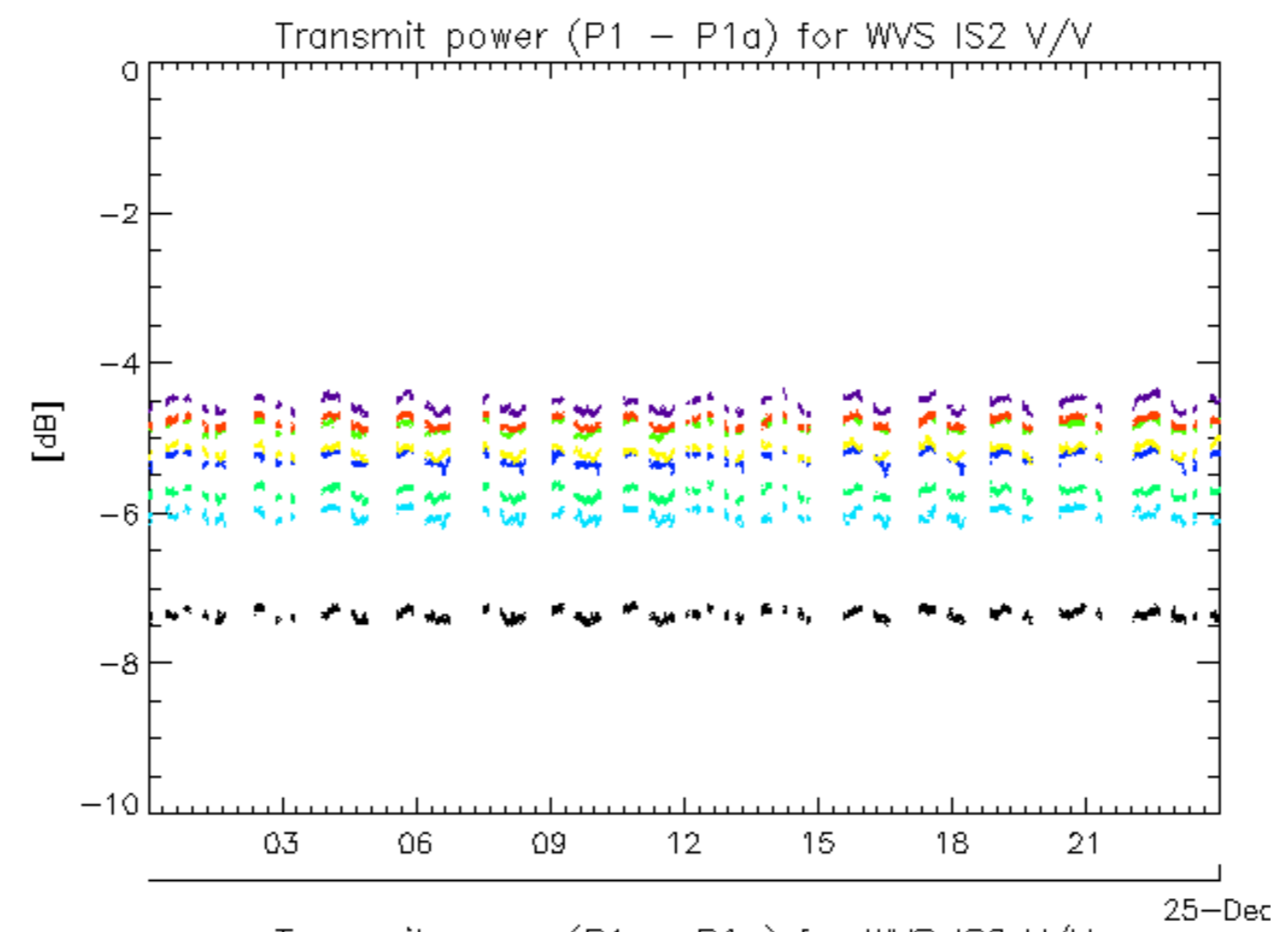
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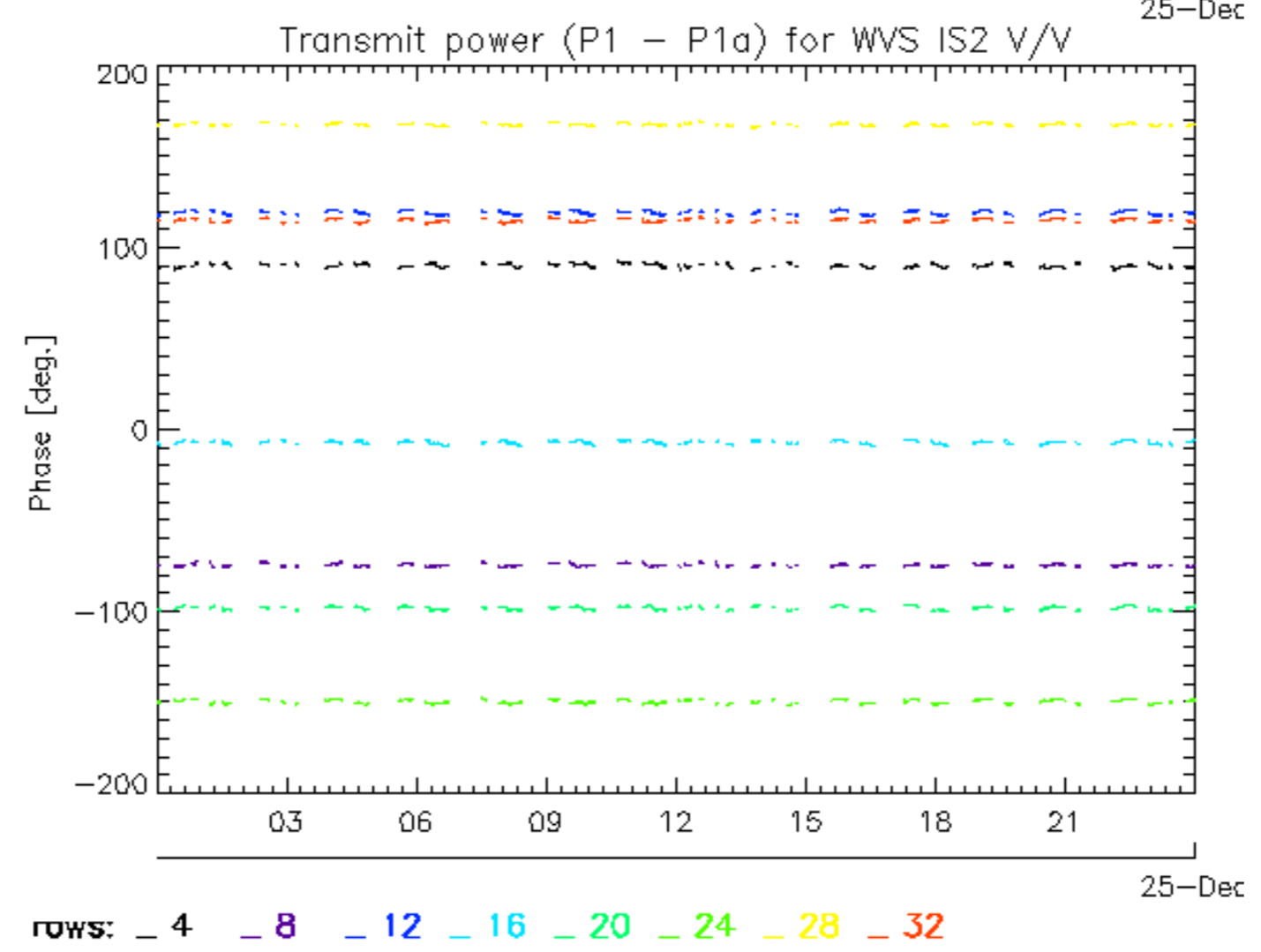
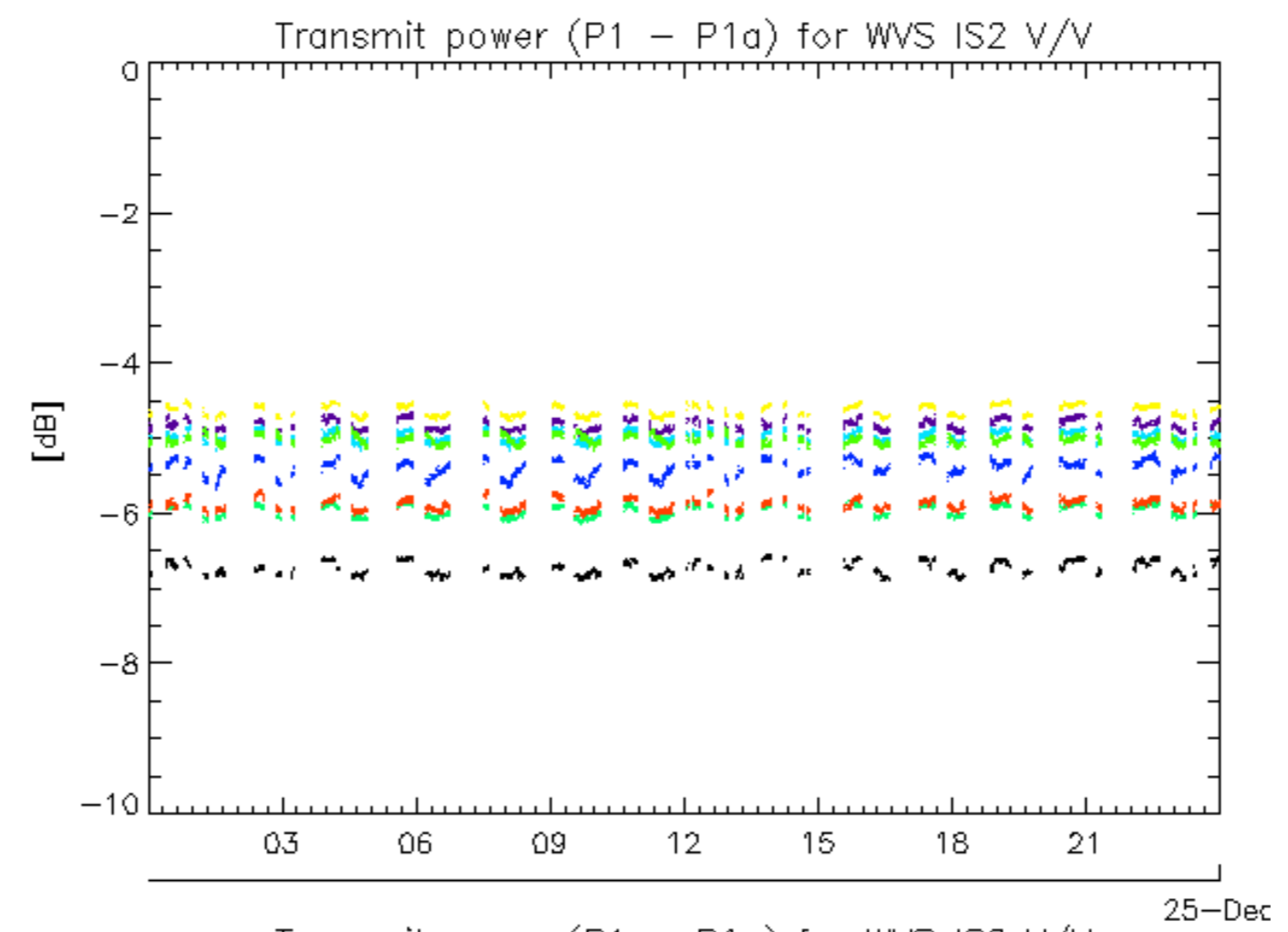


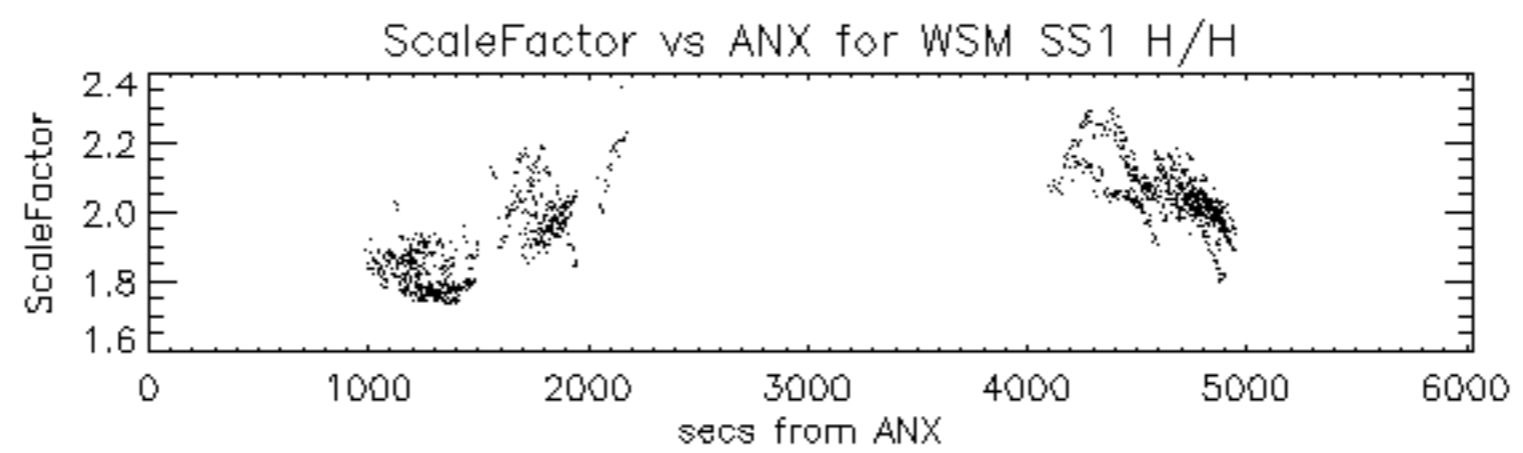
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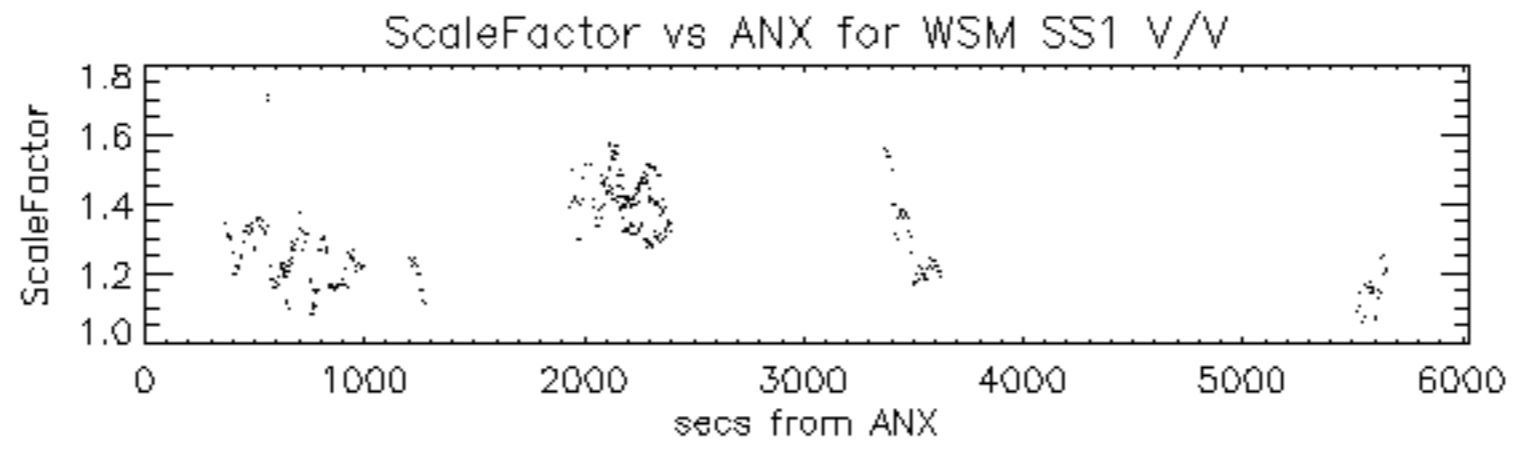


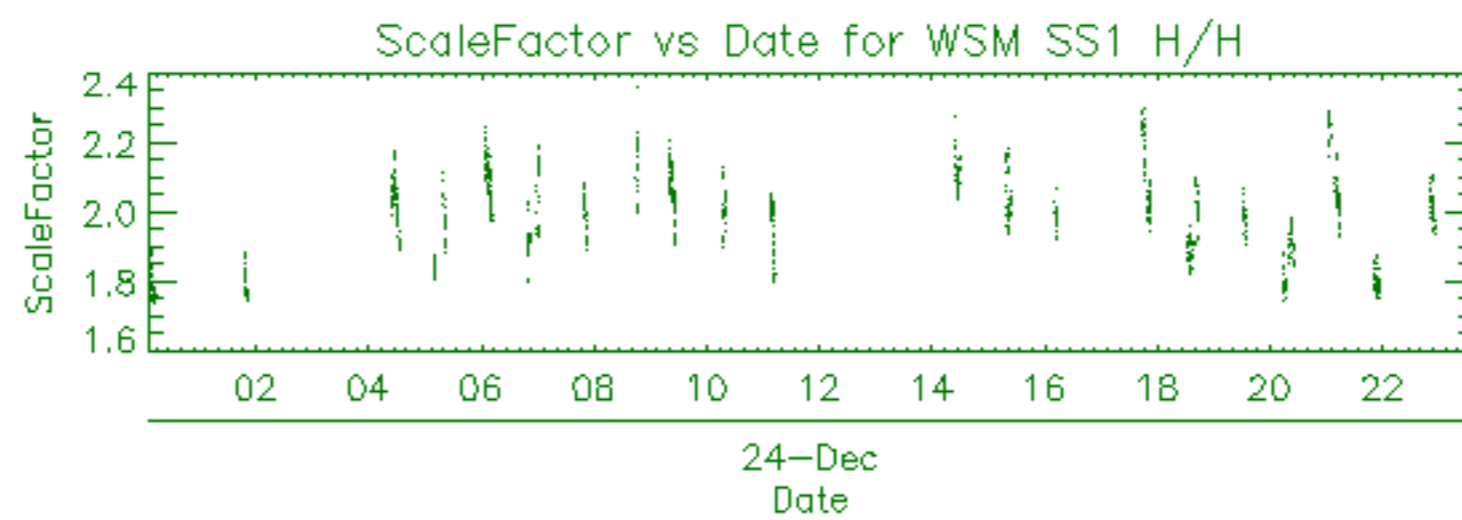
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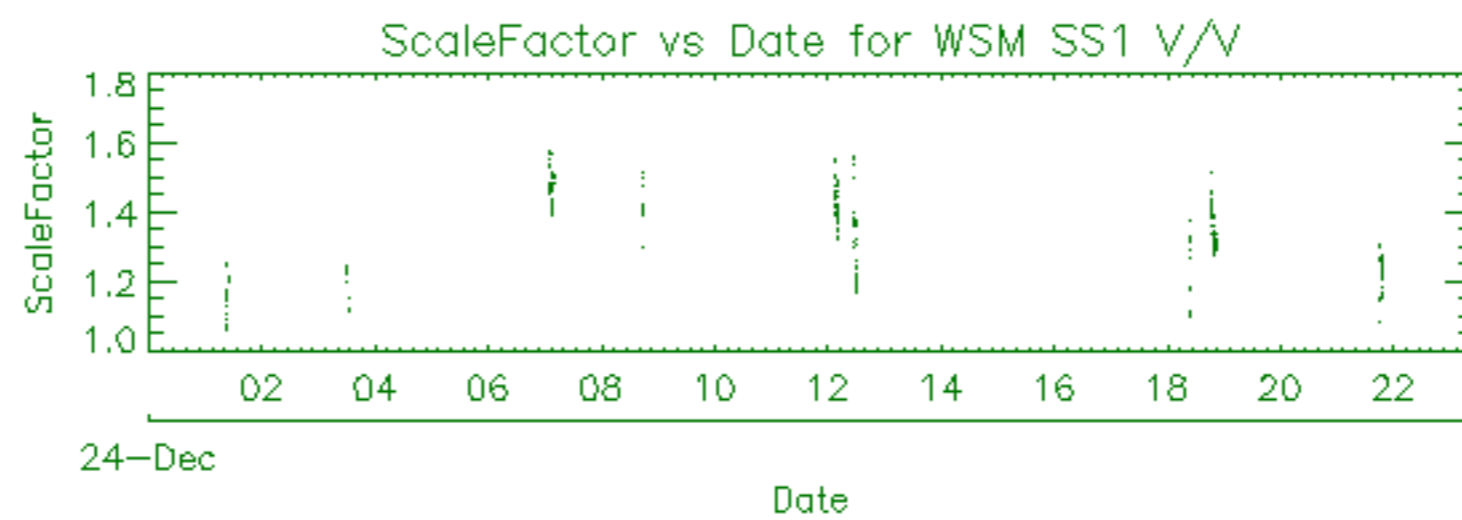












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20101224_140309_000000443097_00398_46102_6988.N1						IS4	H/H	97	46102	398	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20101224_001327_000005793097_00390_46094_6825.N1						SS1	H/H	97	46094	390	5.04
ASA_GM1_1PNPDE20101224_004006_000001083097_00390_46094_6824.N1						SS1	H/H	97	46094	390	5.04
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ASA_GM1_1PNPDE20101224_021909_000001873097_00391_46095_6867.N1						SS1	H/H	97	46095	391	5.04
ASA_GM1_1PNPDE20101224_023651_000009613097_00391_46095_6865.N1						SS1	H/H	97	46095	391	5.04
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ASA_GM1_1PNPDE20101224_030810_000001503097_00391_46095_6862.N1						SS1	H/H	97	46095	391	5.04
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ASA_GM1_1PNPDK20101224_174656_000001573097_00400_46104_9495.N1	SS1	H/H	97	46104	400	5.04
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ASA_GM1_1PNPDK20101224_182751_000000783097_00401_46105_9510.N1	SS1	H/H	97	46105	401	5.04
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ASA_GM1_1PNPDK20101224_191912_000006953097_00401_46105_9515.N1	SS1	H/H	97	46105	401	5.04
ASA_GM1_1PNPDK20101224_194723_000008043097_00401_46105_9516.N1	SS1	H/H	97	46105	401	5.04
ASA_GM1_1PNPDK20101224_200227_000001993097_00402_46106_9518.N1	SS1	H/H	97	46106	402	5.04
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ASA_GM1_1PNPDE20101224_201725_000001813097_00402_46106_7002.N1	SS1	H/H	97	46106	402	5.04
ASA_GM1_1PNPDE20101224_205925_000001693097_00402_46106_7001.N1	SS1	H/H	97	46106	402	5.04
ASA_GM1_1PNPDE20101224_210430_000002773097_00402_46106_7012.N1	SS1	H/H	97	46106	402	5.04
ASA_GM1_1PNPDE20101224_212235_000011603097_00402_46106_7018.N1	SS1	H/H	97	46106	402	5.04
ASA_GM1_1PNPDE20101224_215726_000004343097_00403_46107_7019.N1	SS1	H/H	97	46107	403	5.04
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ASA_GM1_1PNPDE20101224_223940_000006283097_00403_46107_7024.N1	SS1	H/H	97	46107	403	5.04
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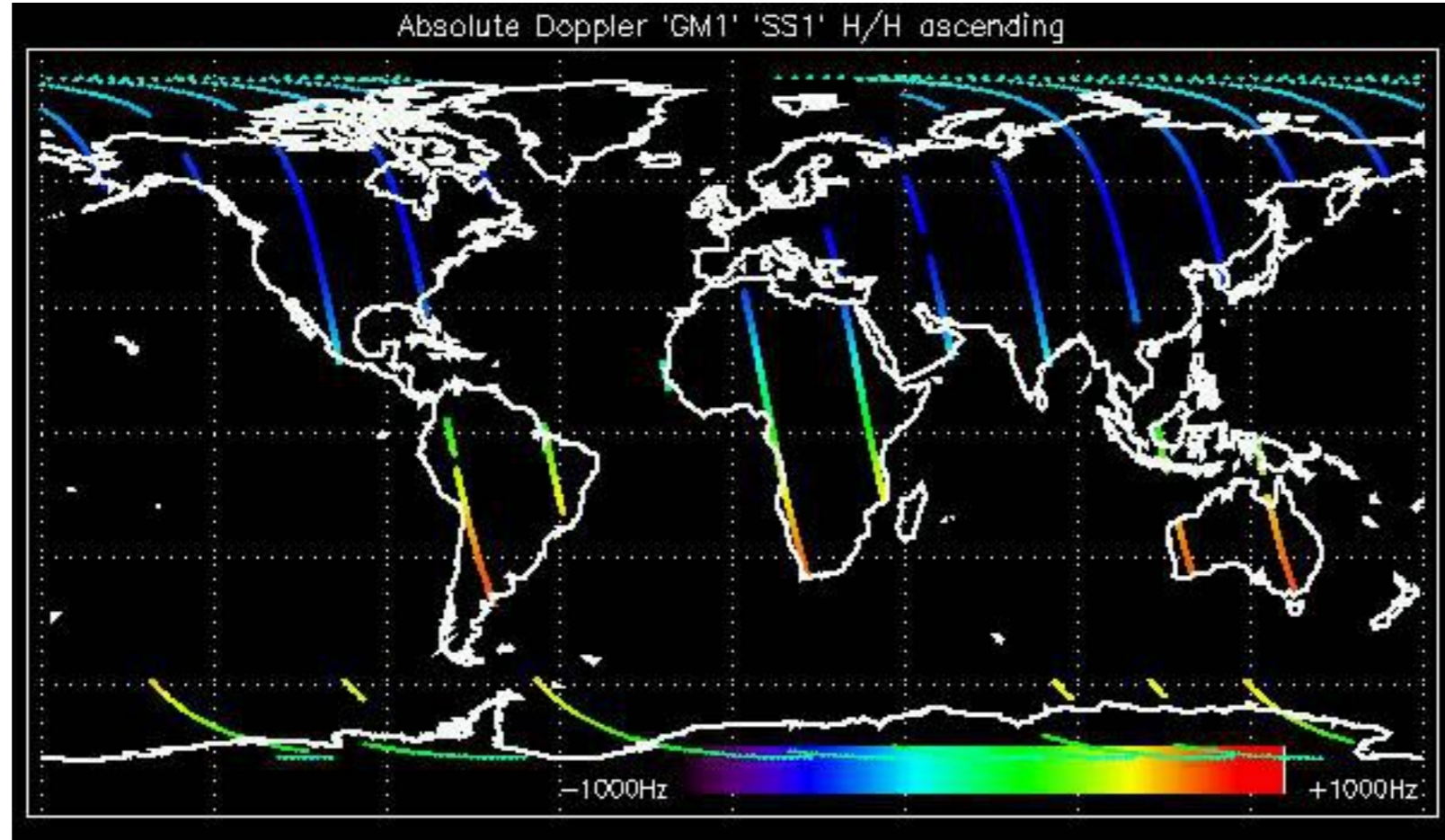
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ASA_IMM_1PNPDE20101224_031158_000000383097_00392_46096_6855.N1						IS5	H/H	97	46096	392	5.04
ASA_IMM_1PNPDE20101224_031654_000000373097_00392_46096_6854.N1						IS2	V/V	97	46096	392	5.04
ASA_IMM_1PNPDE20101224_034610_000002703097_00392_46096_6847.N1						IS6	H/H	97	46096	392	5.04
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ASA_IMM_1PNPDE20101224_072402_000000593097_00394_46098_6913.N1						IS2	H/H	97	46098	394	5.04
ASA_IMM_1PNPDE20101224_085407_000001223097_00395_46099_6944.N1						IS6	H/H	97	46099	395	5.04
ASA_IMM_1PNPDE20101224_103145_000002273097_00396_46100_6964.N1						IS6	H/H	97	46100	396	5.04
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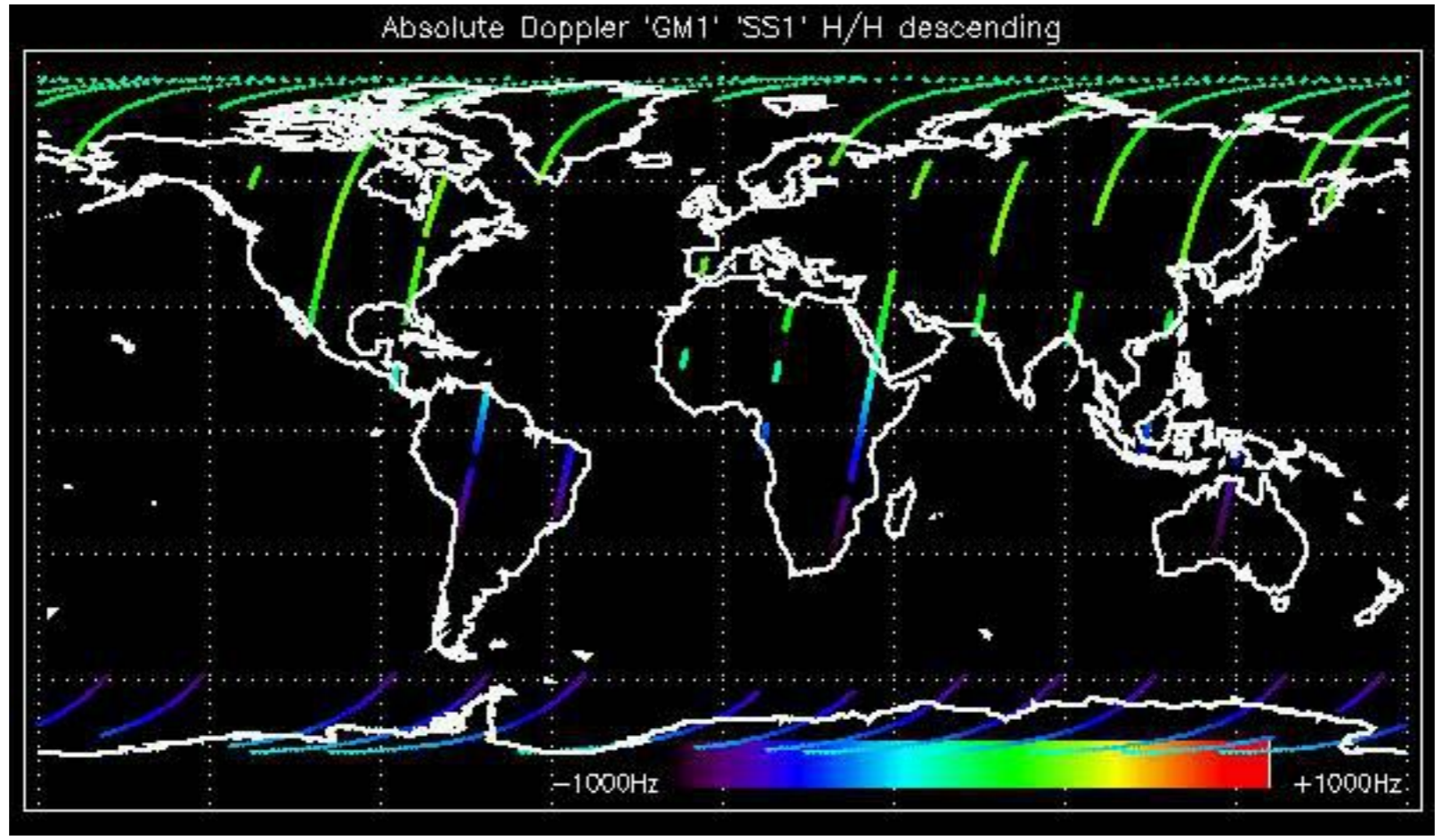
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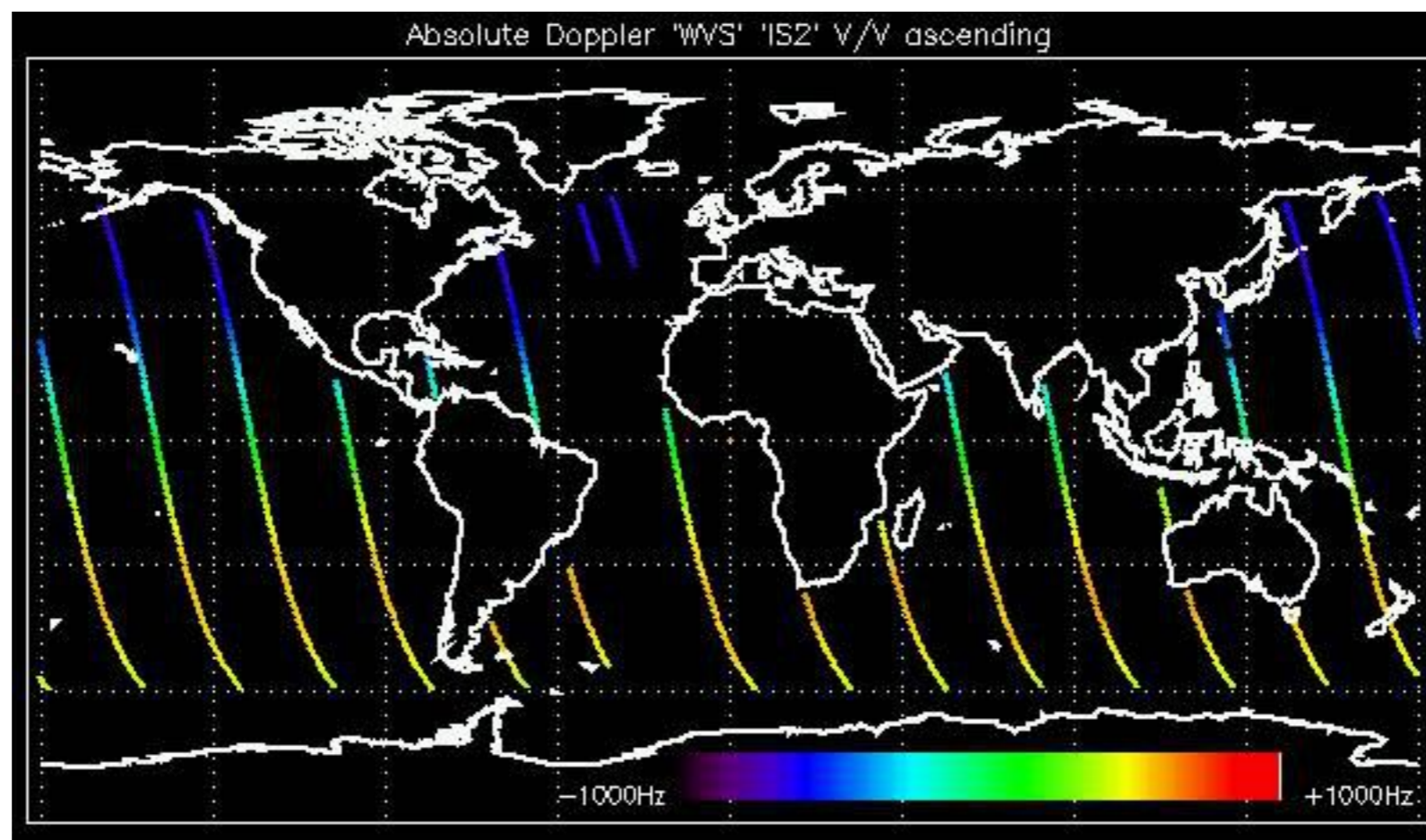


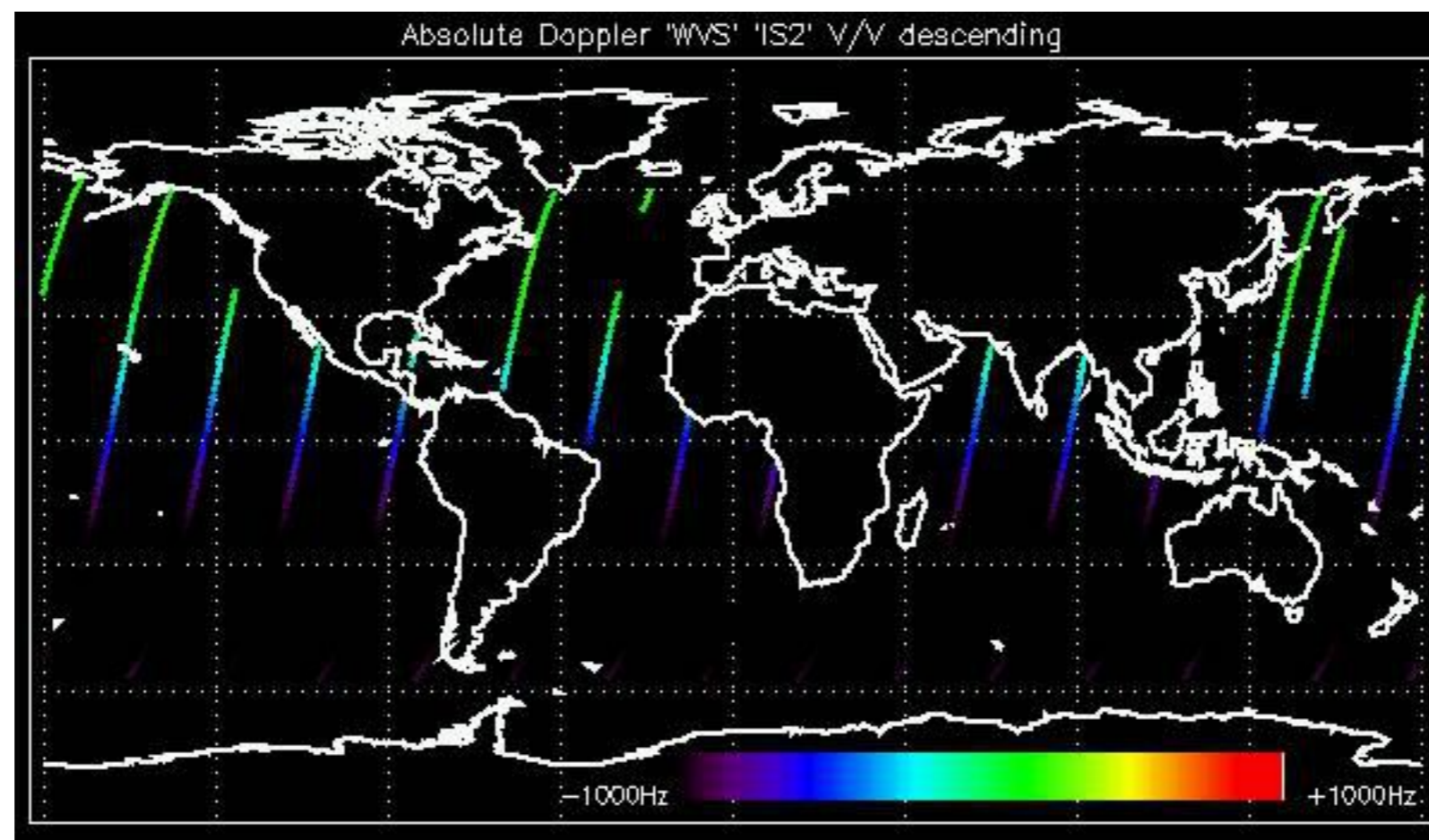
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ASA_WSM_1PNPDE20101224_000551_000001533097_00390_46094_6820.N1						SS1	H/H	97	46094	390	5.04
ASA_WSM_1PNPDE20101224_000934_000002263097_00390_46094_6821.N1						SS1	H/H	97	46094	390	5.04
ASA_WSM_1PNPDE20101224_012128_000001533097_00390_46094_6840.N1						SS1	V/V	97	46094	390	5.04
ASA_WSM_1PNPDE20101224_014705_000003303097_00391_46095_6850.N1						SS1	H/H	97	46095	391	5.04
ASA_WSM_1PNPDE20101224_033001_000000733097_00392_46096_6853.N1						SS1	V/V	97	46096	392	5.04
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6887.N1						SS1	H/H	97	46096	392	5.04
ASA_WSM_1PNPDE20101224_042406_000005143097_00392_46096_6888.N1						SS1	H/H	97	46096	392	5.04
ASA_WSM_1PNPDE20101224_050919_000001533097_00393_46097_6897.N1						SS1	H/H	97	46097	393	5.04
ASA_WSM_1PNPDE20101224_051935_000001533097_00393_46097_6885.N1						SS1	H/H	97	46097	393	5.04
ASA_WSM_1PNPDE20101224_060351_000004713097_00393_46097_6908.N1						SS1	H/H	97	46097	393	5.04
ASA_WSM_1PNPDE20101224_064906_000001533097_00394_46098_6912.N1						SS1	H/H	97	46098	394	5.04
ASA_WSM_1PNPDK20101224_065847_000002083097_00394_46098_9284.N1						SS1	H/H	97	46098	394	5.04
ASA_WSM_1PNPDE20101224_070454_000002943097_00394_46098_6907.N1						SS1	V/V	97	46098	394	5.04
ASA_WSM_1PNPDK20101224_074821_000002693097_00394_46098_9308.N1						SS1	H/H	97	46098	394	5.04
ASA_WSM_1PNPDK20101224_084251_000000923097_00395_46099_9309.N1						SS1	V/V	97	46099	395	5.04
ASA_WSM_1PNPDK20101224_084440_000001473097_00395_46099_9310.N1						SS1	H/H	97	46099	395	5.04
ASA_WSM_1PNPDE20101224_091857_000005143097_00395_46099_6966.N1						SS1	H/H	97	46099	395	5.04
ASA_WSM_1PNPDK20101224_101651_000002083097_00396_46100_9339.N1						SS1	H/H	97	46100	396	5.04
ASA_WSM_1PNPDE20101224_110651_000003673097_00396_46100_6983.N1						SS1	H/H	97	46100	396	5.04
ASA_WSM_1PNPDE20101224_120619_000003063097_00397_46101_6984.N1						SS1	V/V	97	46101	397	5.04
ASA_WSM_1PNPDE20101224_122715_000002693097_00397_46101_6985.N1						SS1	V/V	97	46101	397	5.04
ASA_WSM_1PNPDE20101224_142451_000002693097_00398_46102_6990.N1						SS1	H/H	97	46102	398	5.04
ASA_WSM_1PNPDE20101224_151842_000003433097_00399_46103_6991.N1						SS1	H/H	97	46103	399	5.04
ASA_WSM_1PNPDE20101224_161051_000001533097_00399_46103_6989.N1						SS1	H/H	97	46103	399	5.04
ASA_WSM_1PNPDE20101224_174355_000001773097_00400_46104_6995.N1						SS1	H/H	97	46104	400	5.04
ASA_WSM_1PNPDE20101224_174939_000002263097_00400_46104_6993.N1						SS1	H/H	97	46104	400	5.04
ASA_WSM_1PNPDE20101224_182340_000000923097_00401_46105_6996.N1						SS1	V/V	97	46105	401	5.04
ASA_WSM_1PNPDK20101224_183151_000002083097_00401_46105_9506.N1						SS1	H/H	97	46105	401	5.04
ASA_WSM_1PNPDK20101224_183551_000000923097_00401_46105_9507.N1						SS1	H/H	97	46105	401	5.04
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ASA_WSM_1PNPDK20101224_214507_000002513097_00403_46107_9558.N1						SS1	V/V	97	46107	403	5.04
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ASA_WSM_1PNPDE20101224_215144_000003363097_00403_46107_7020.N1						SS1	H/H	97	46107	403	5.04
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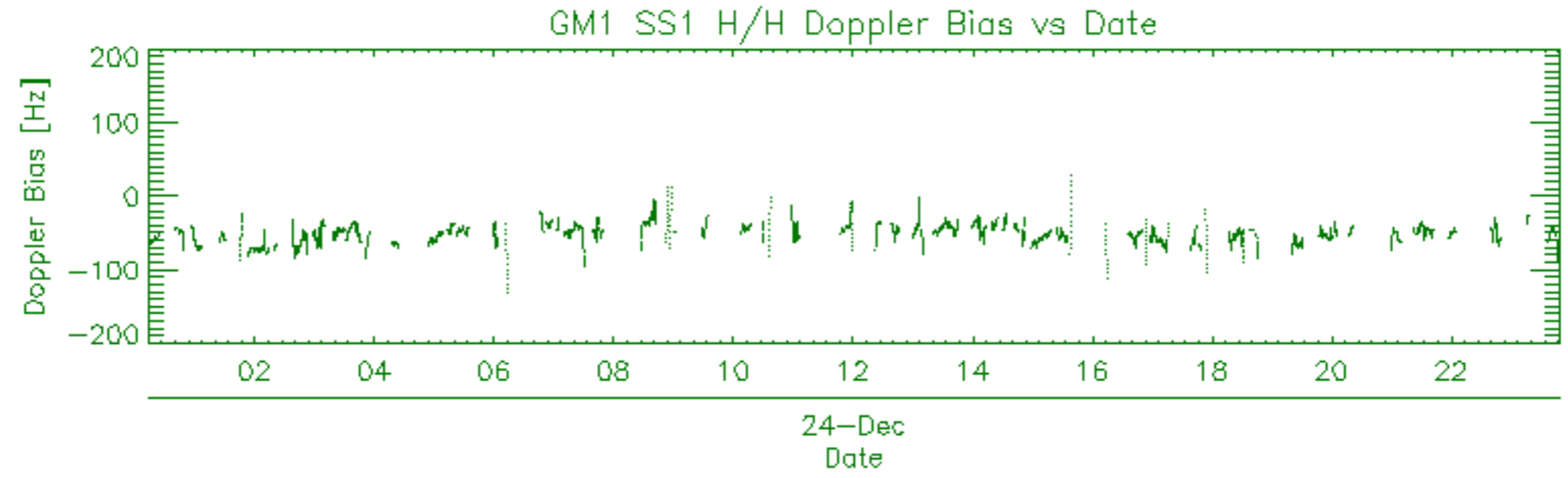
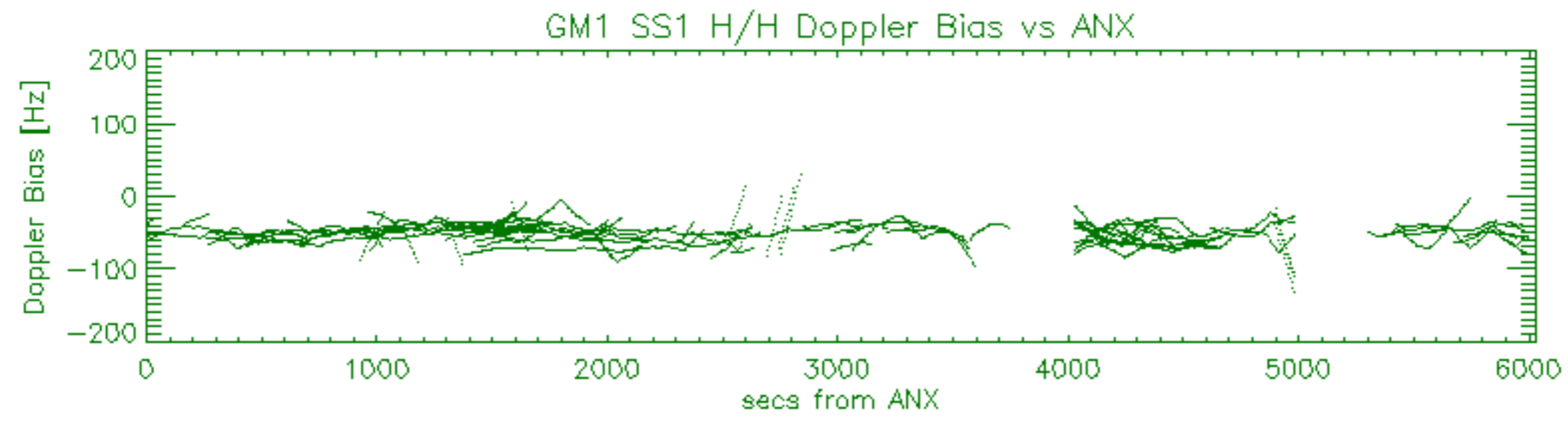
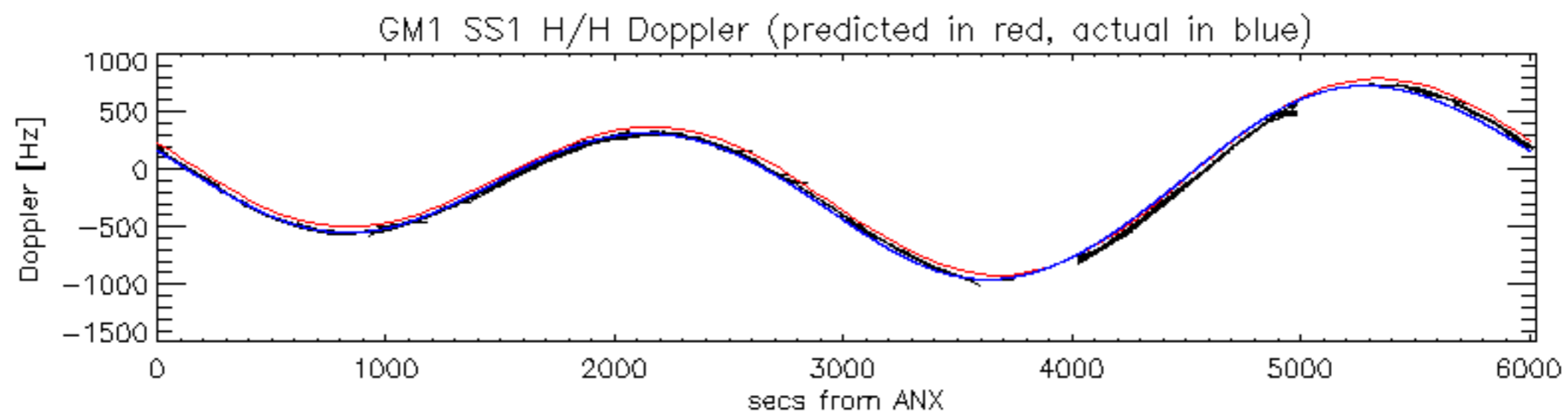
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ASA_WVS_1PNPDE20101224_004904_000004053097_00390_46094_6828.N1						IS2	V/V	97	46094	390	5.04
ASA_WVS_1PNPDE20101224_011406_000002843097_00390_46094_6833.N1						IS2	V/V	97	46094	390	5.04
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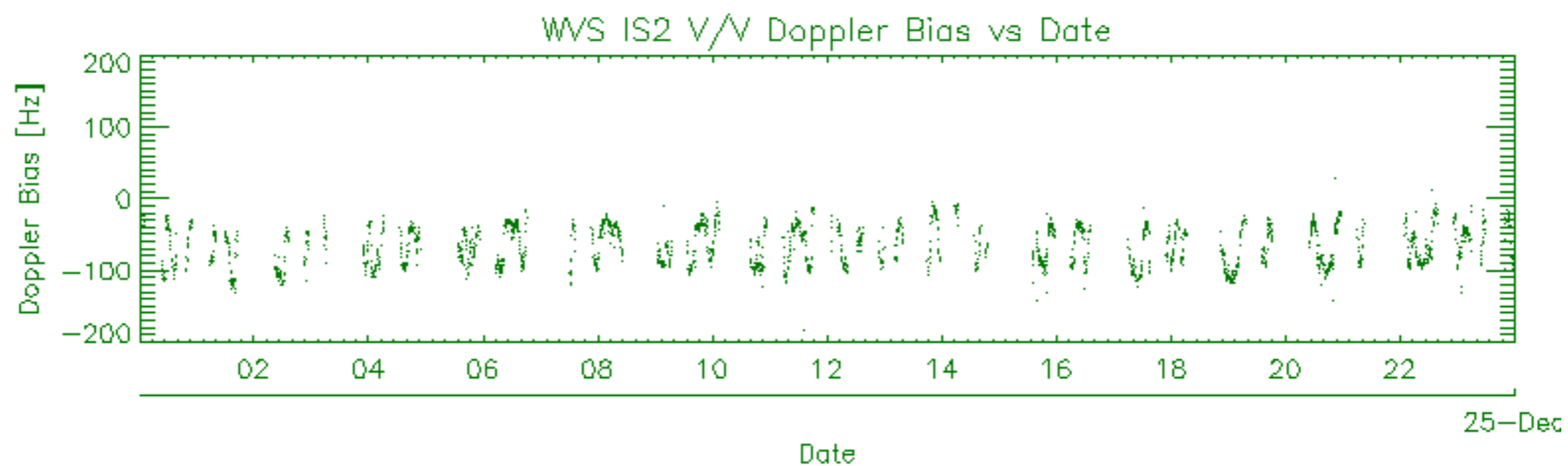
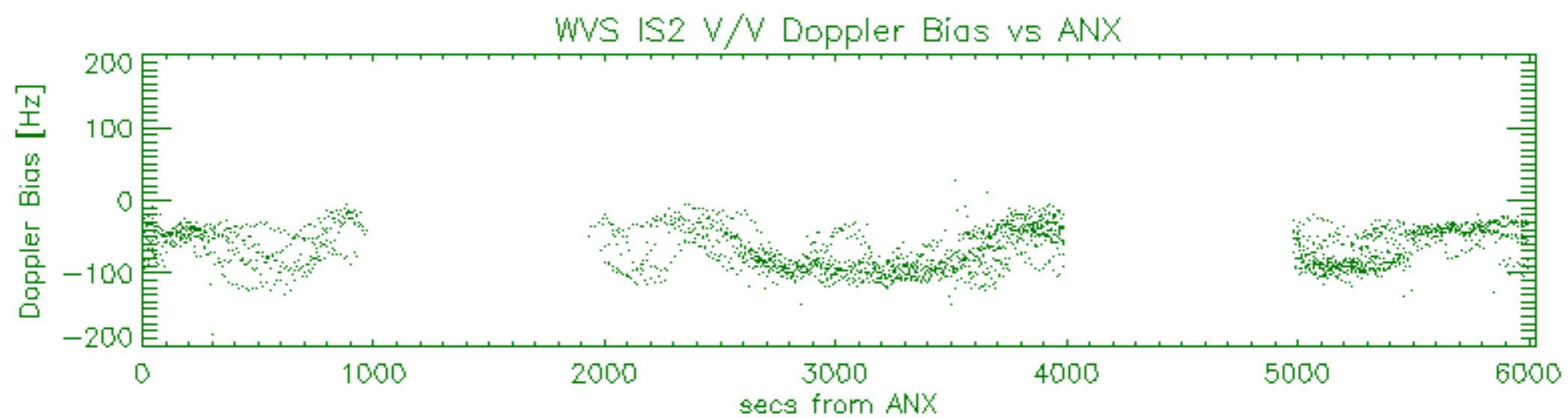
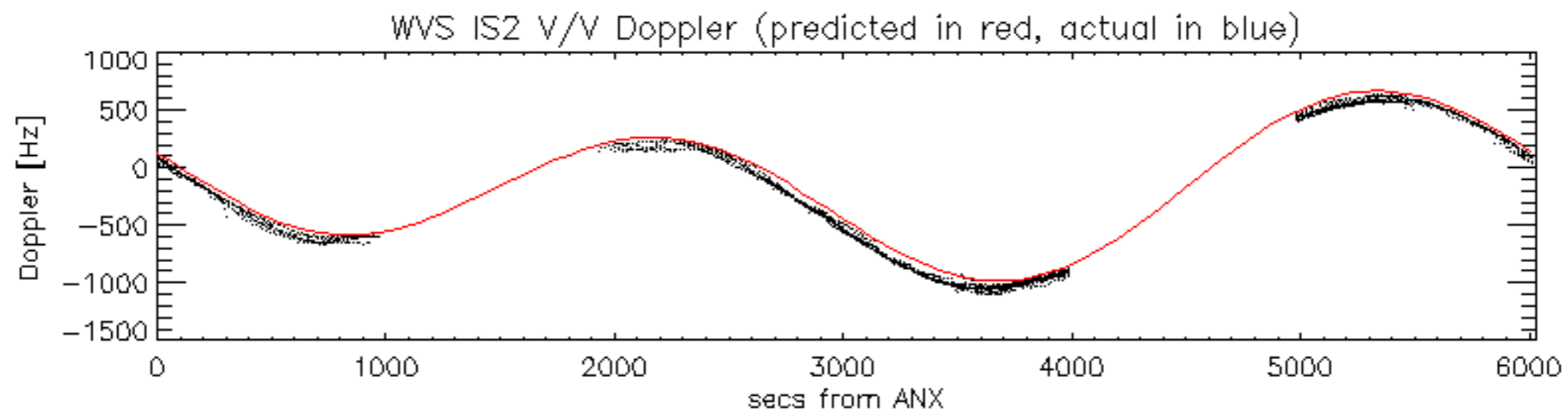




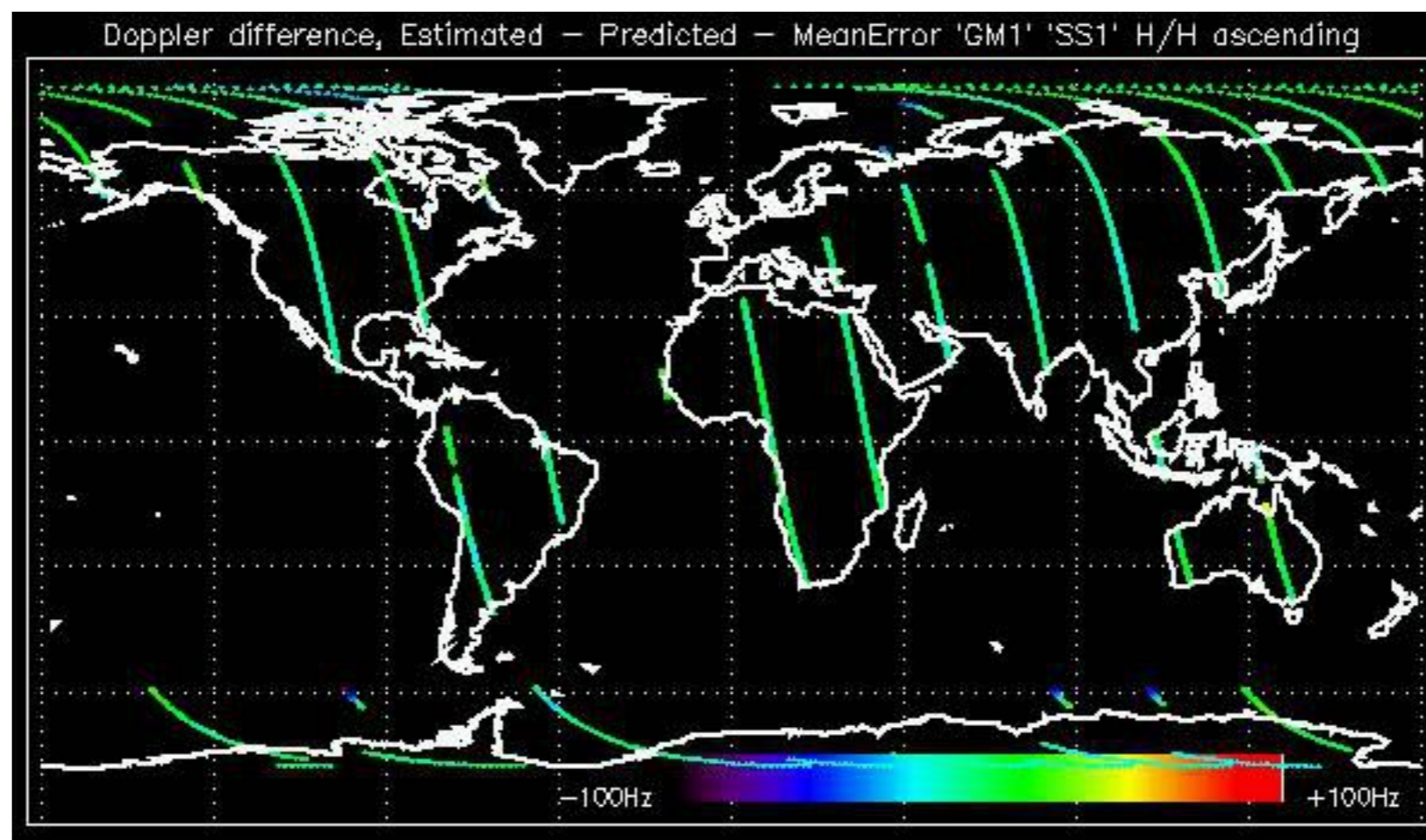


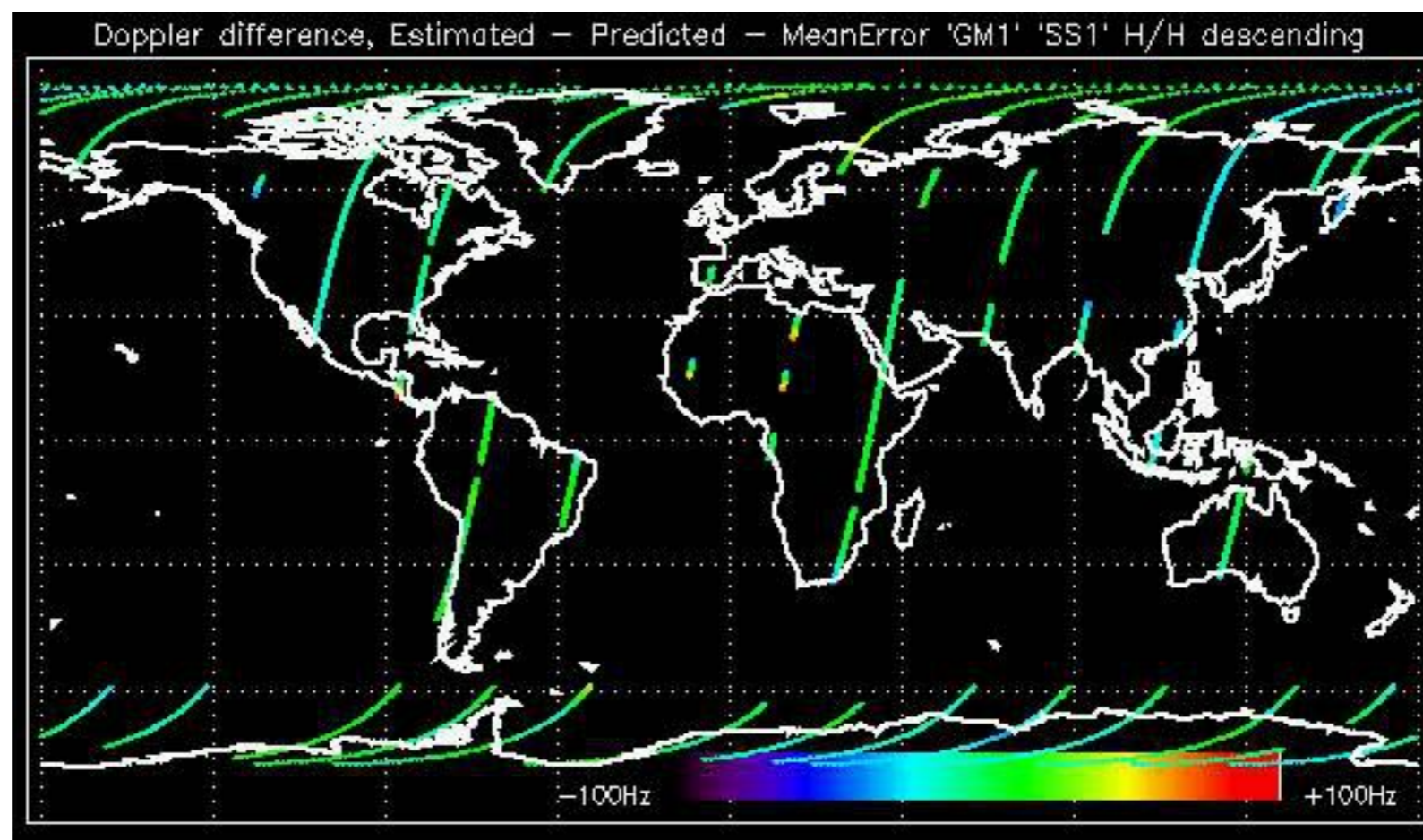


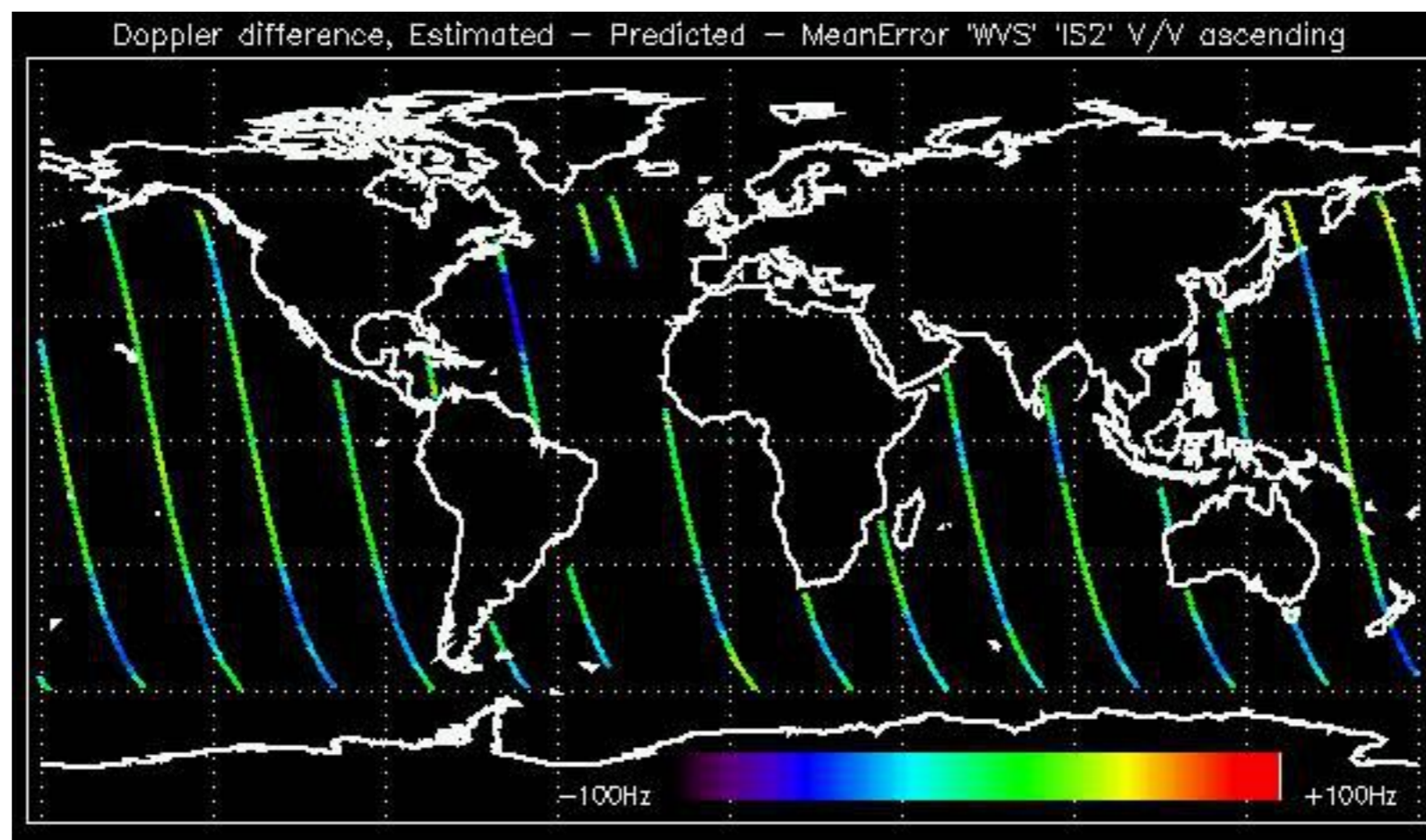


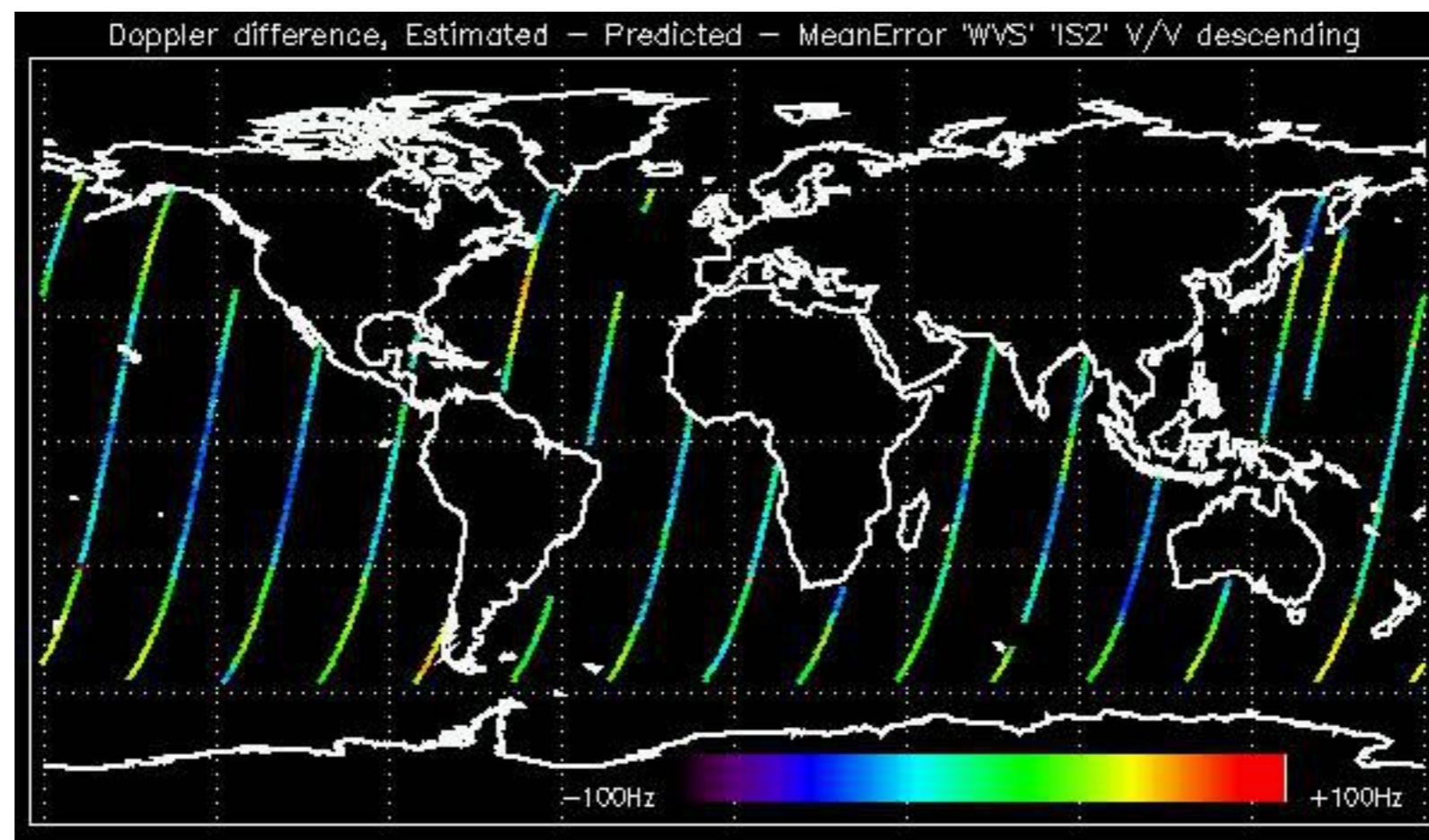


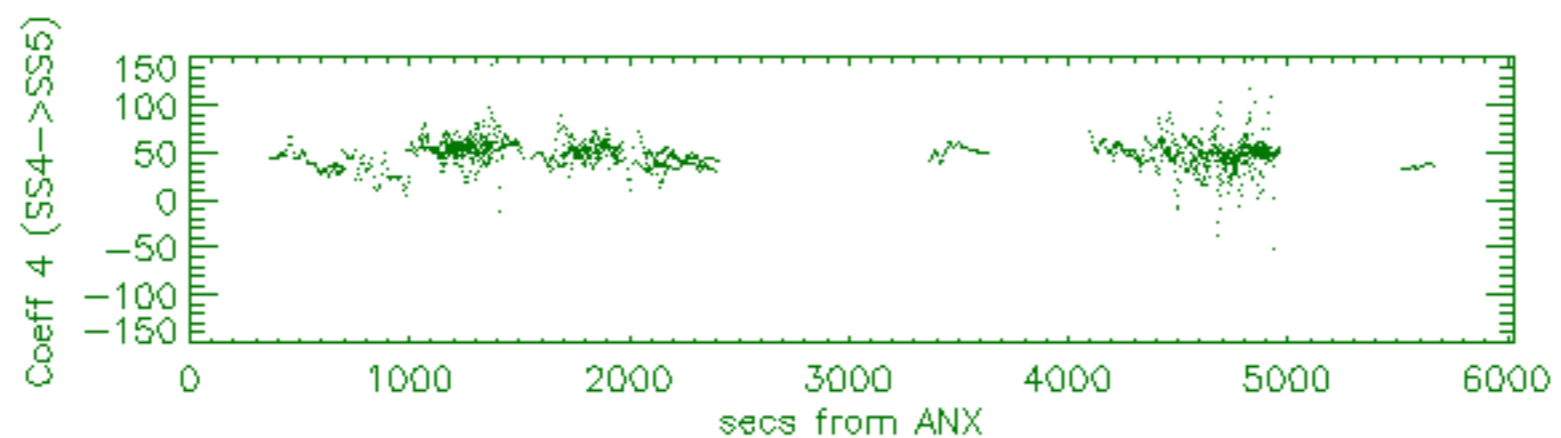
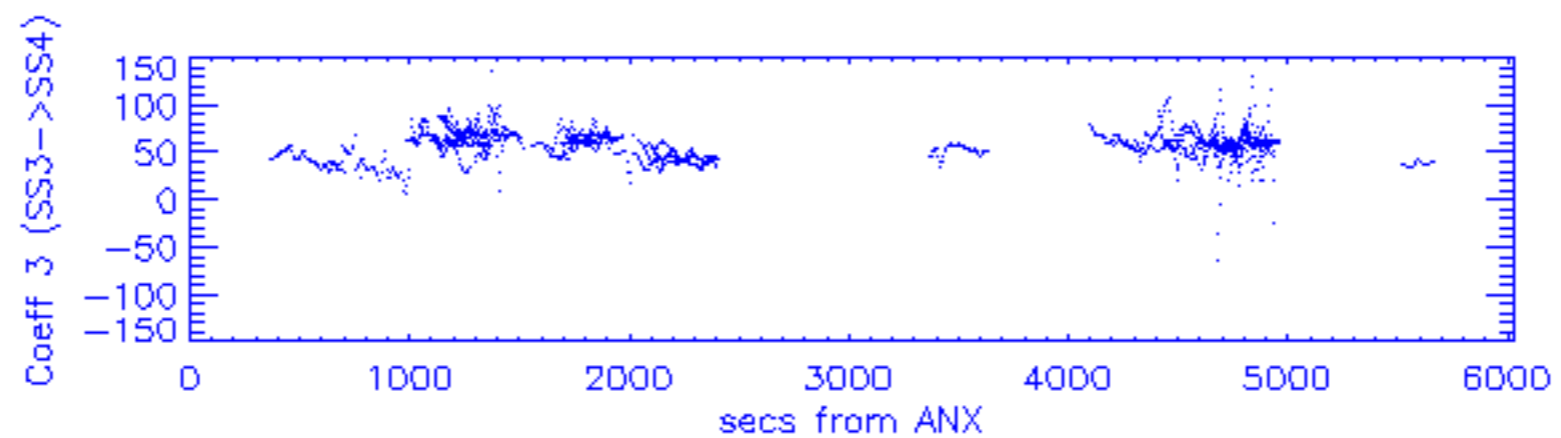
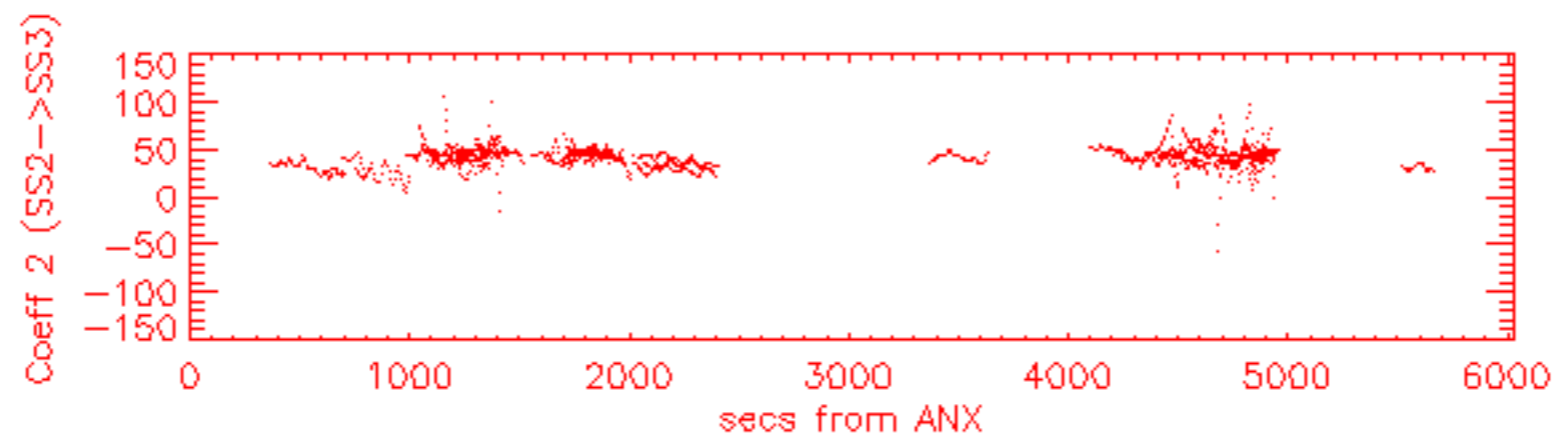
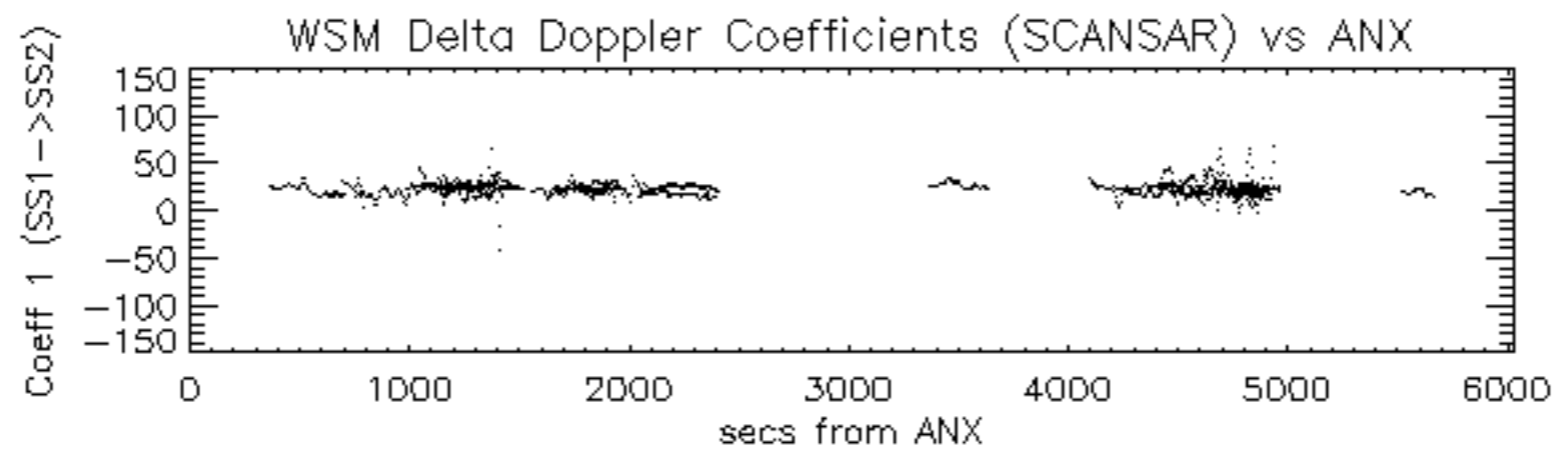


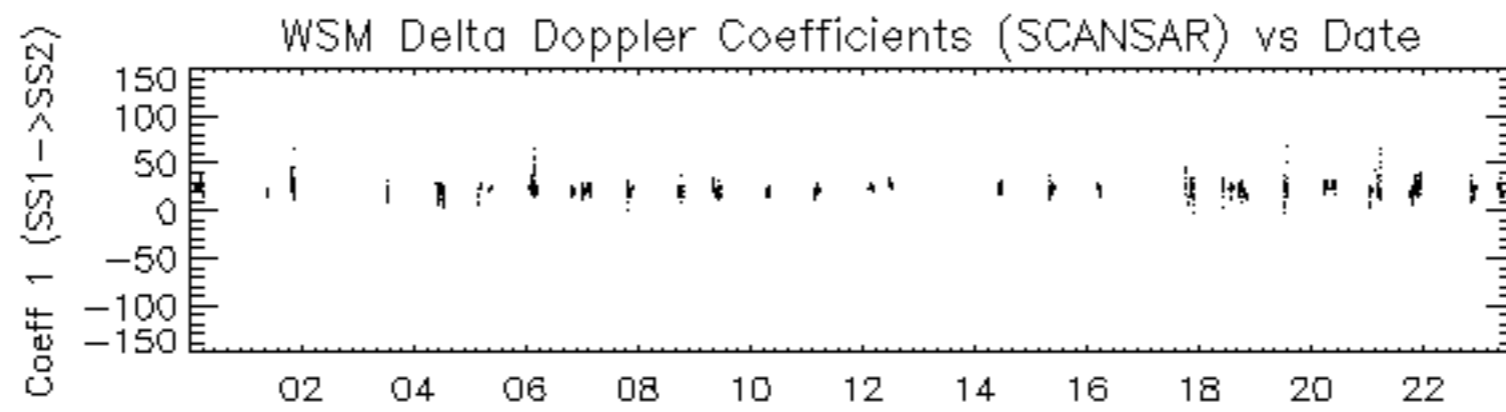




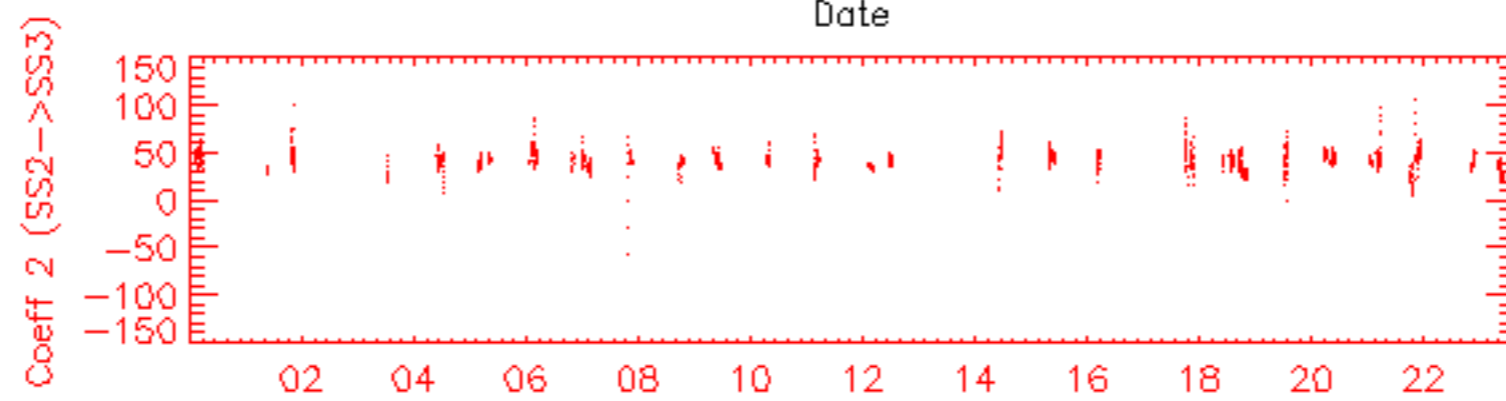




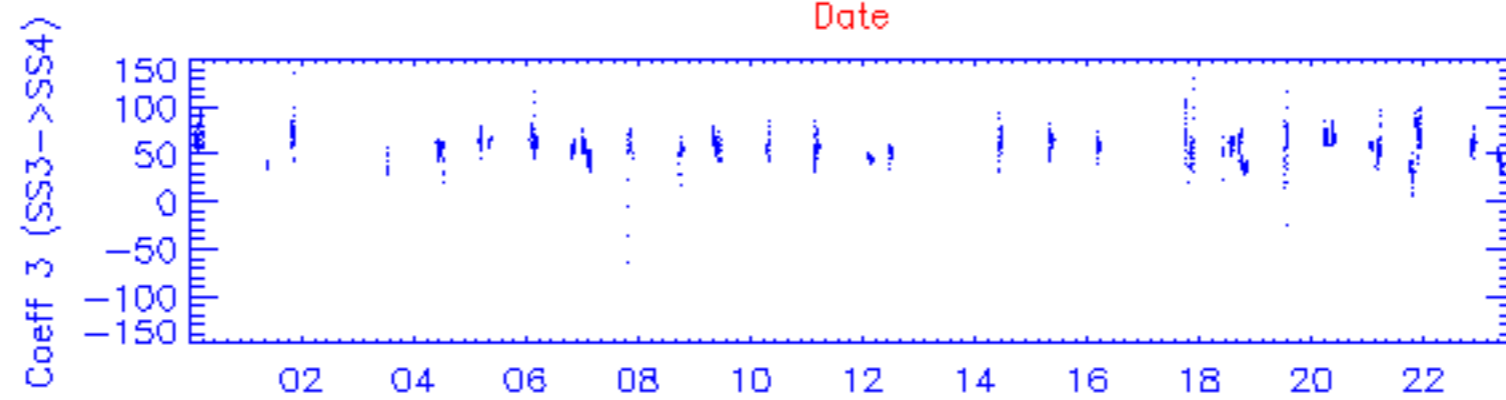




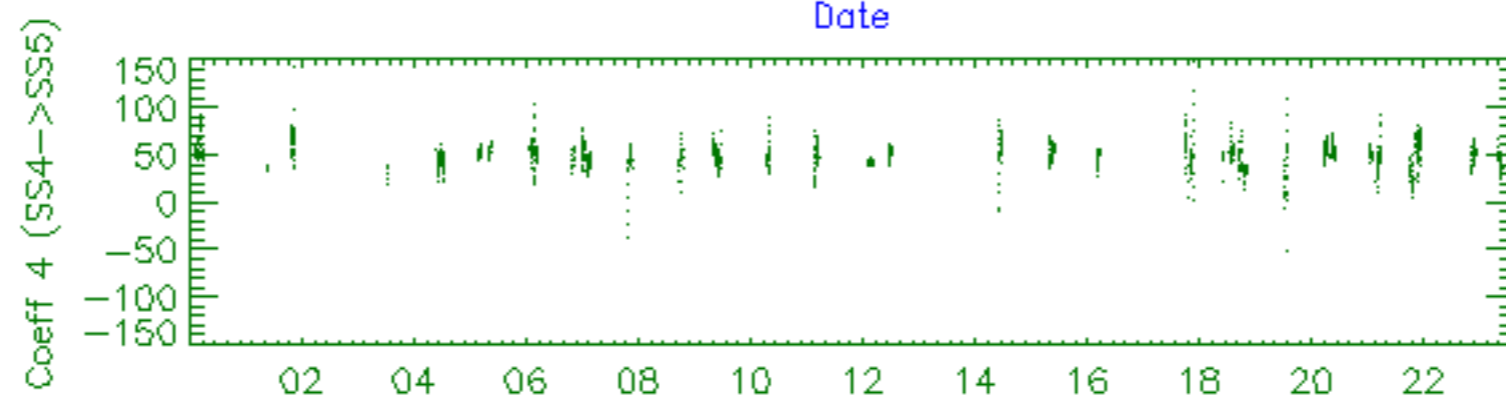
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