



Analysis from 18-DEC-2011 00:00:00 to 18-DEC-2011 23:59:59. Page generated on 19-DEC-2011 06:31:43.  
View log file: ASAR\_Daily\_Report\_20111219\_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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	35	PDE	IS1	V/H	2	PDE	IS2	V/V	1	PDE	WS	H/H	36	PDK	2011-12-18 06:39:15	H	320
PDE	IS2	V/V	28	PDK	WS	H/H	49	PDE	IS1	V/V	1	PDE	IS6	H/H	3	PDE	WS	V/V	8	PDK	2011-12-18 08:19:29	V	320
PDK	IS1	V/V	1					PDE	IS2	H/H	2	PDE	IS7	V/V	1	PDK	WS	H/H	14				
PDK	IS2	V/V	23					PDE	IS4	H/H	2	PDK	IS2	H/H	1	PDK	WS	V/V	3				
								PDE	IS6	H/H	1	PDK	IS2	V/V	1								
								PDK	IS2	H/H	1	PDK	IS5	V/V	1								

## 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_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

### 2.2 - Products with wrong ADFs

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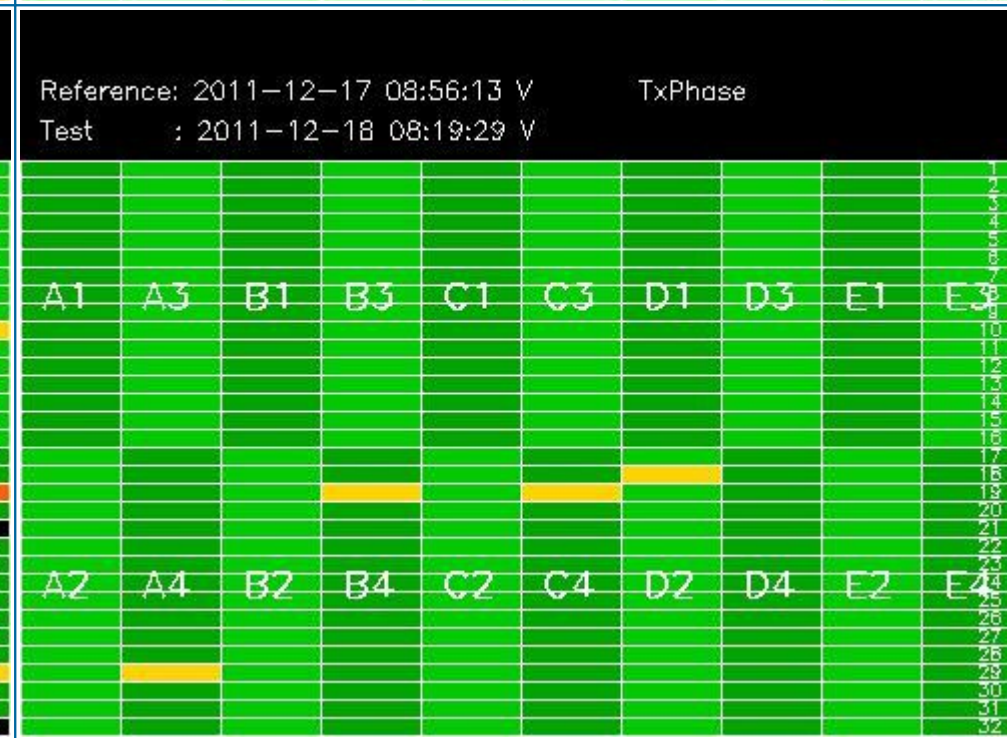
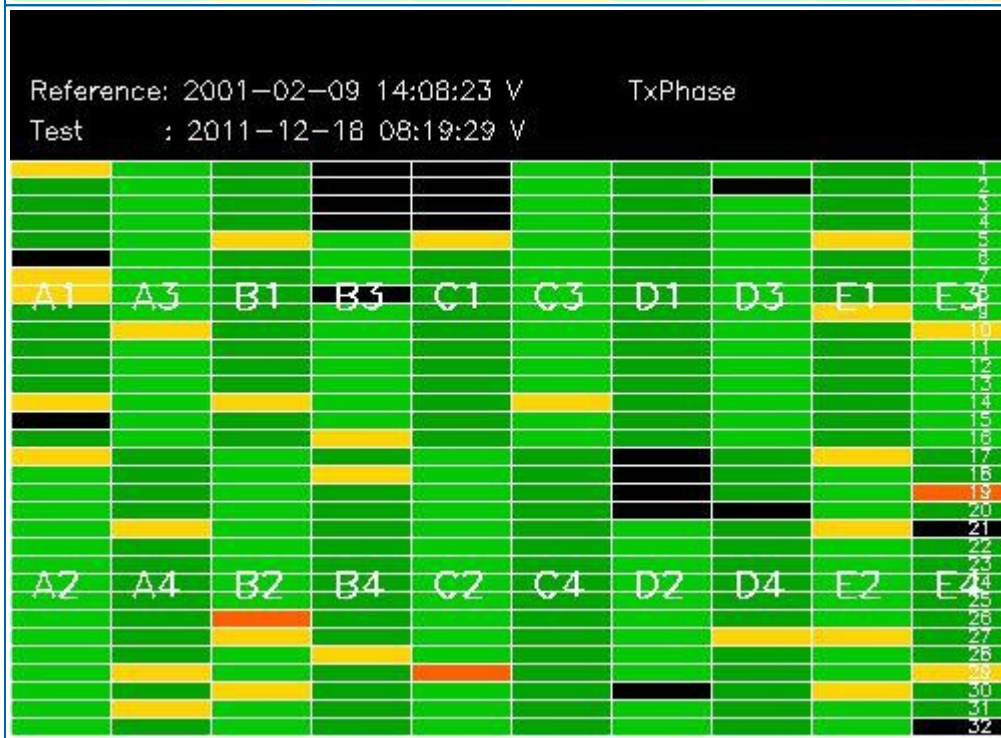
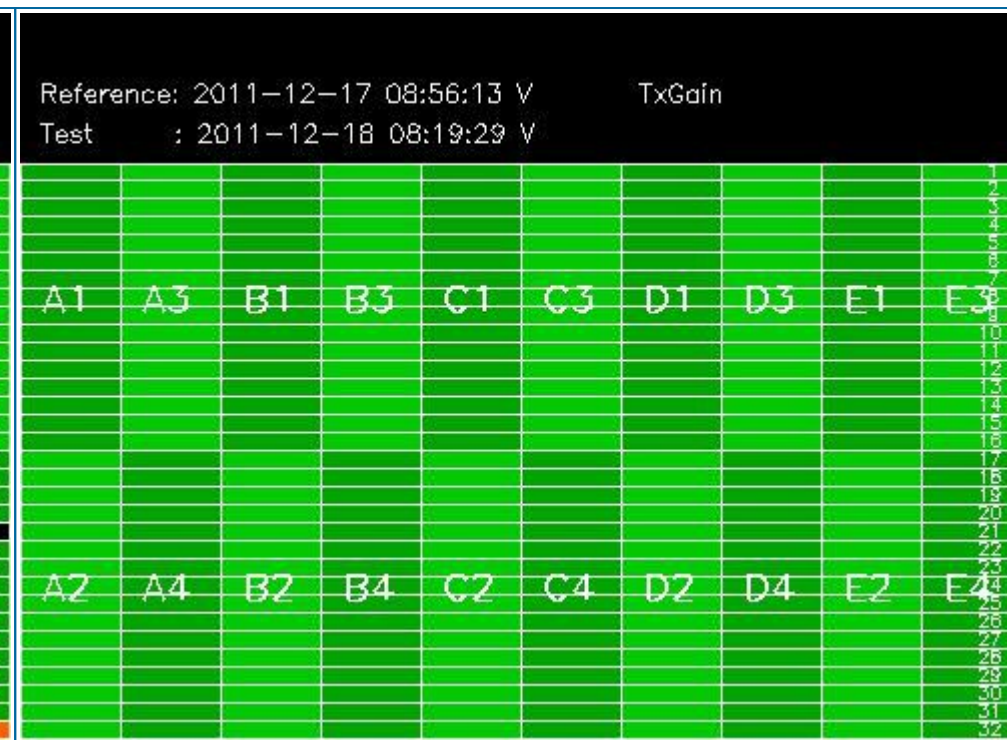
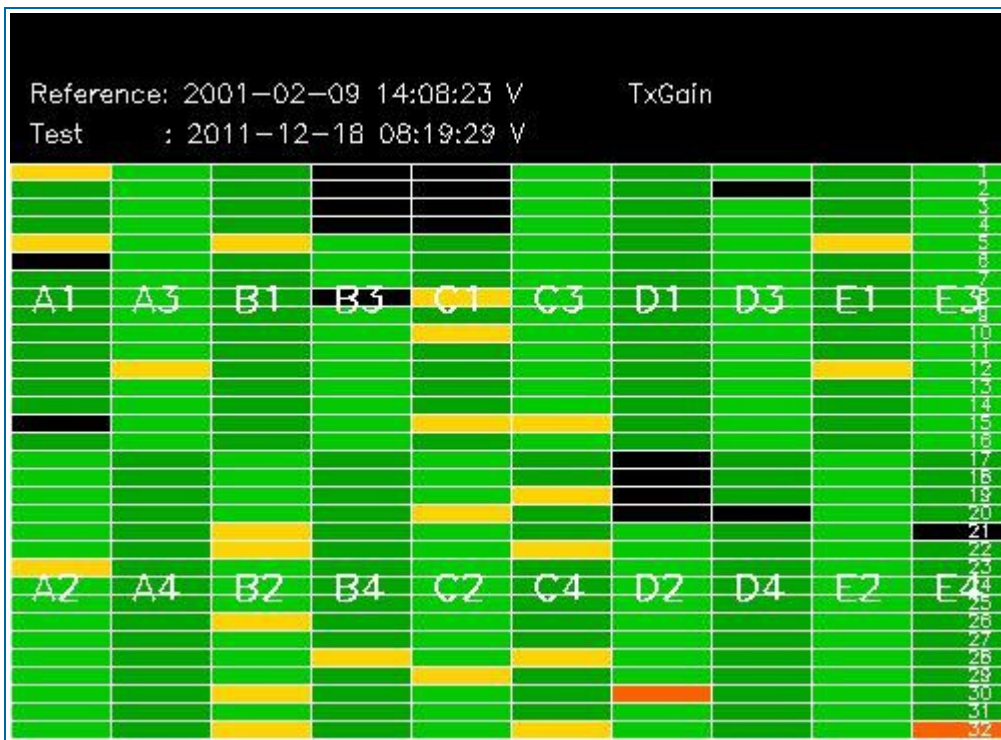
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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



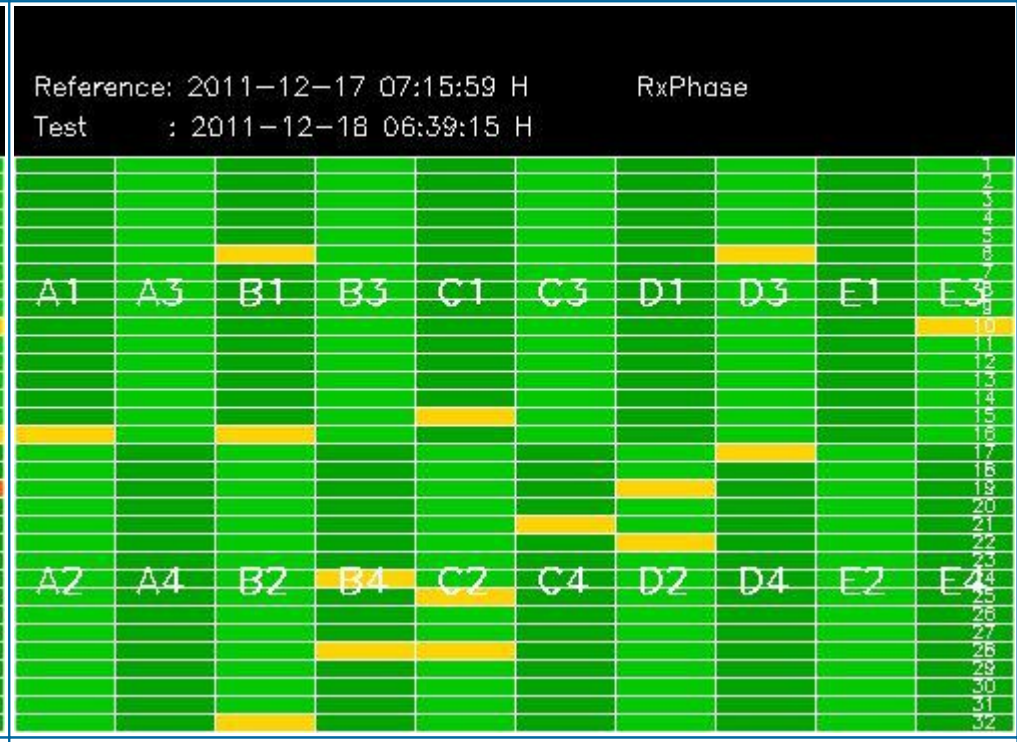
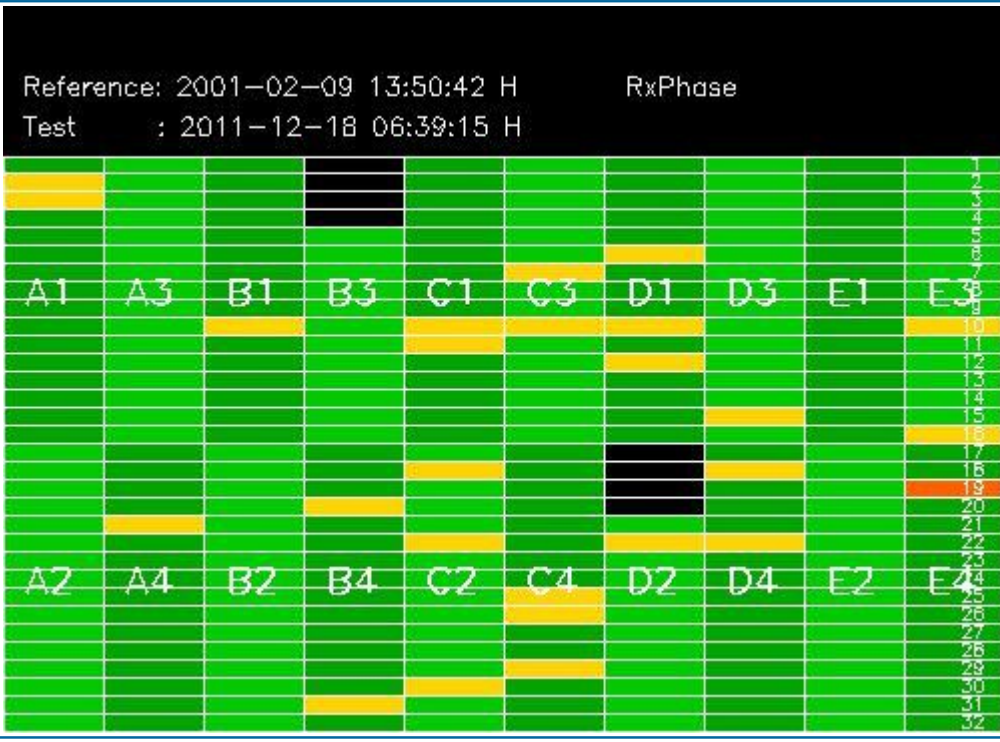
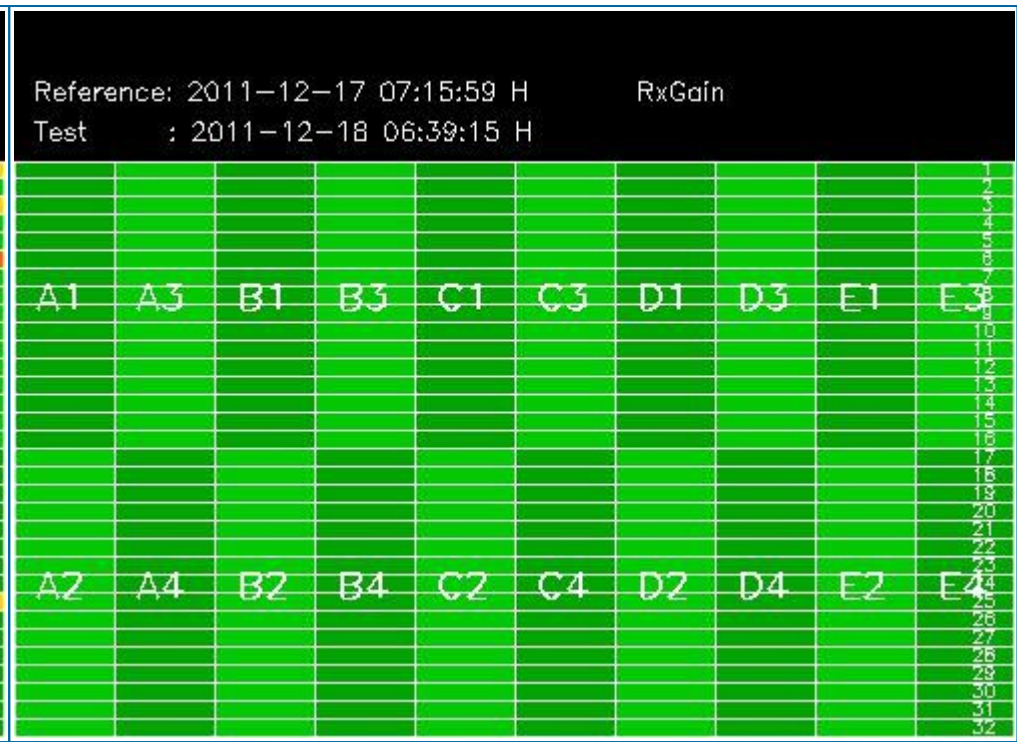
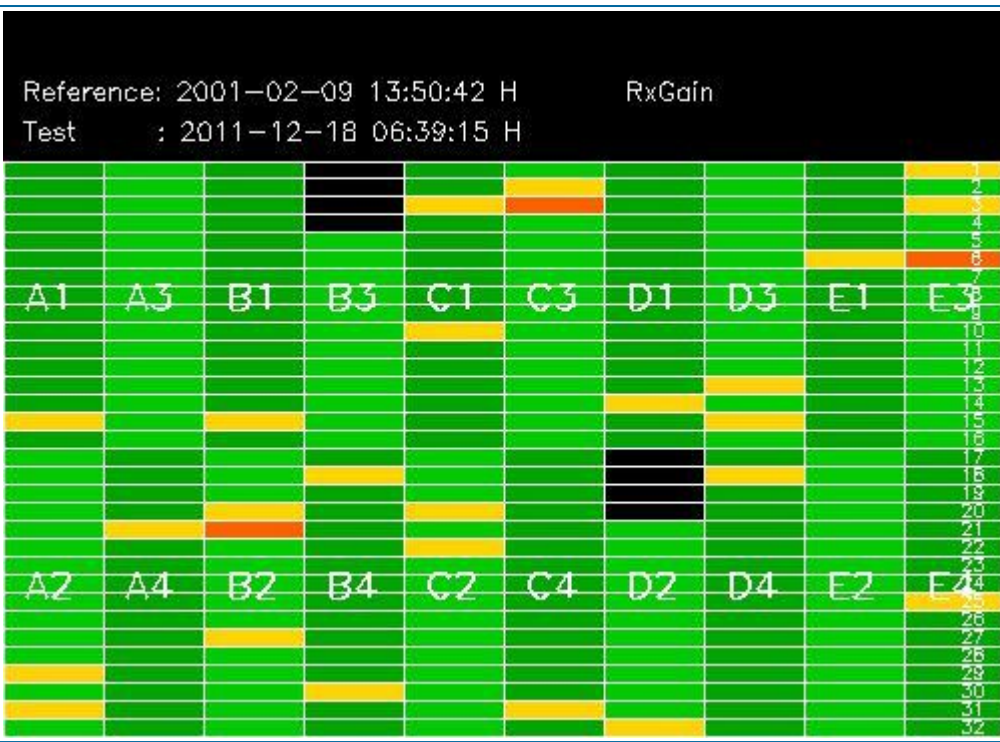




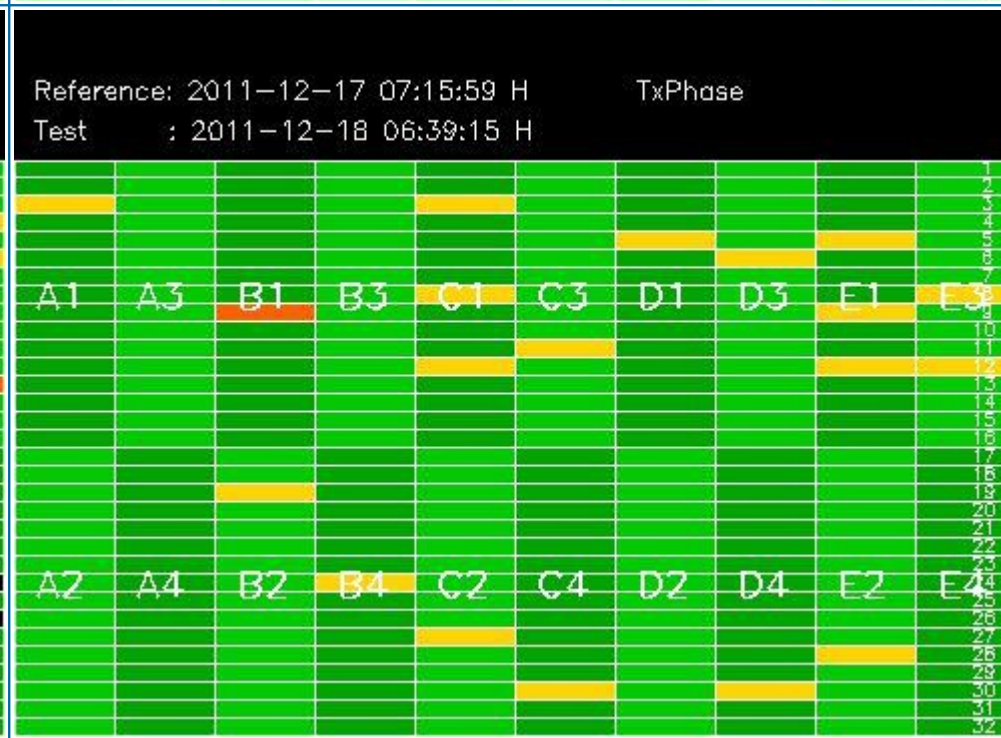
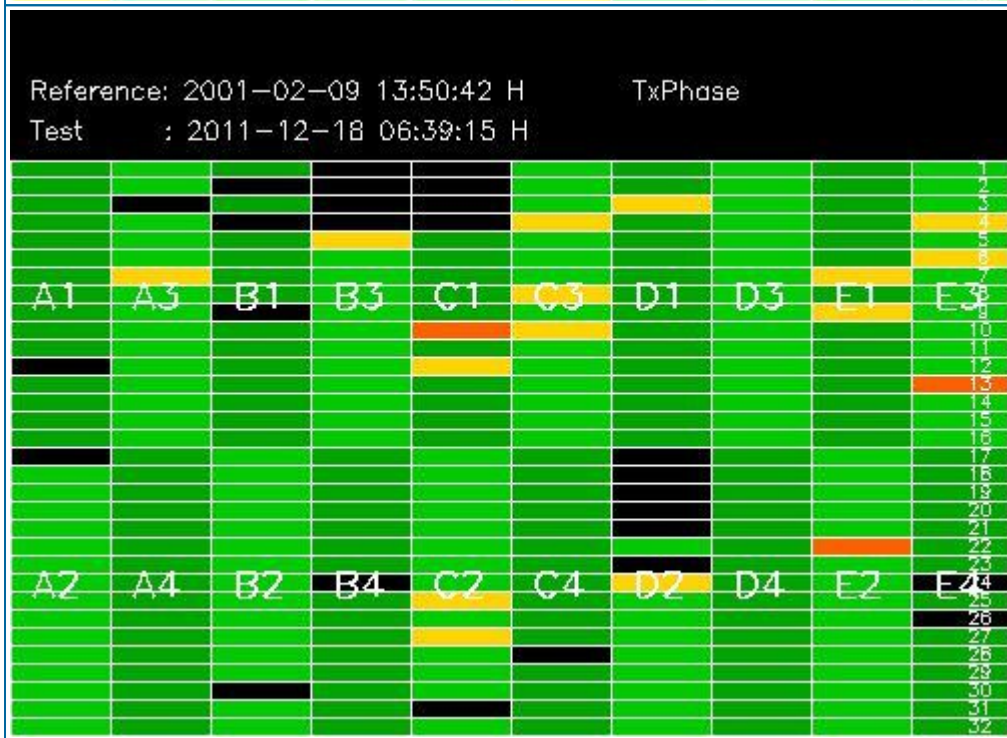
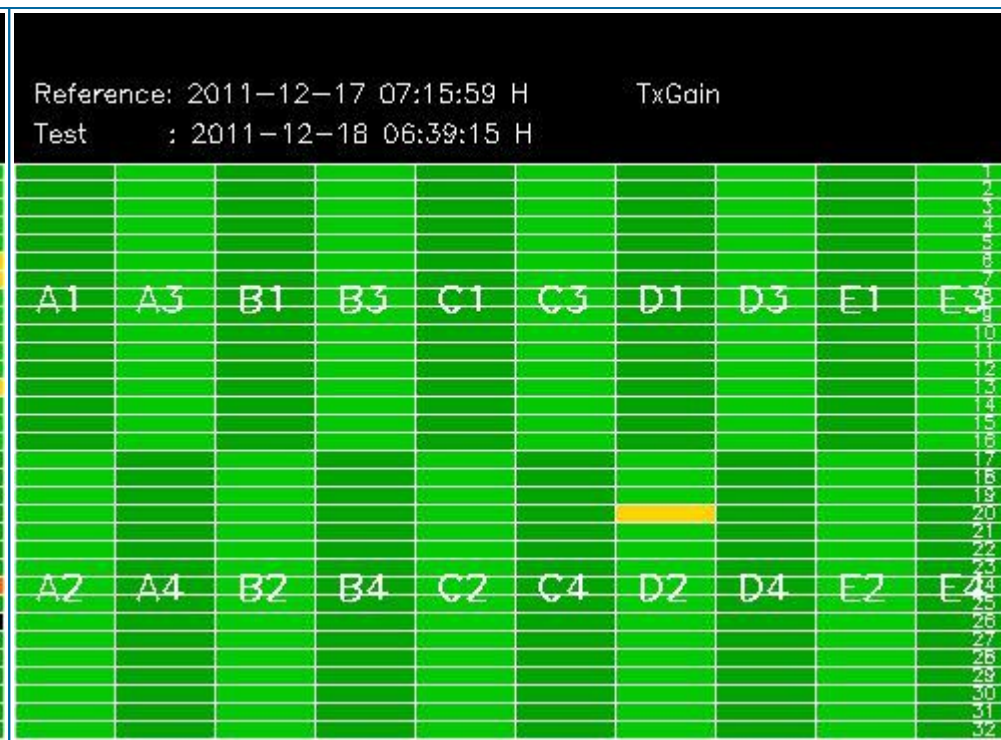
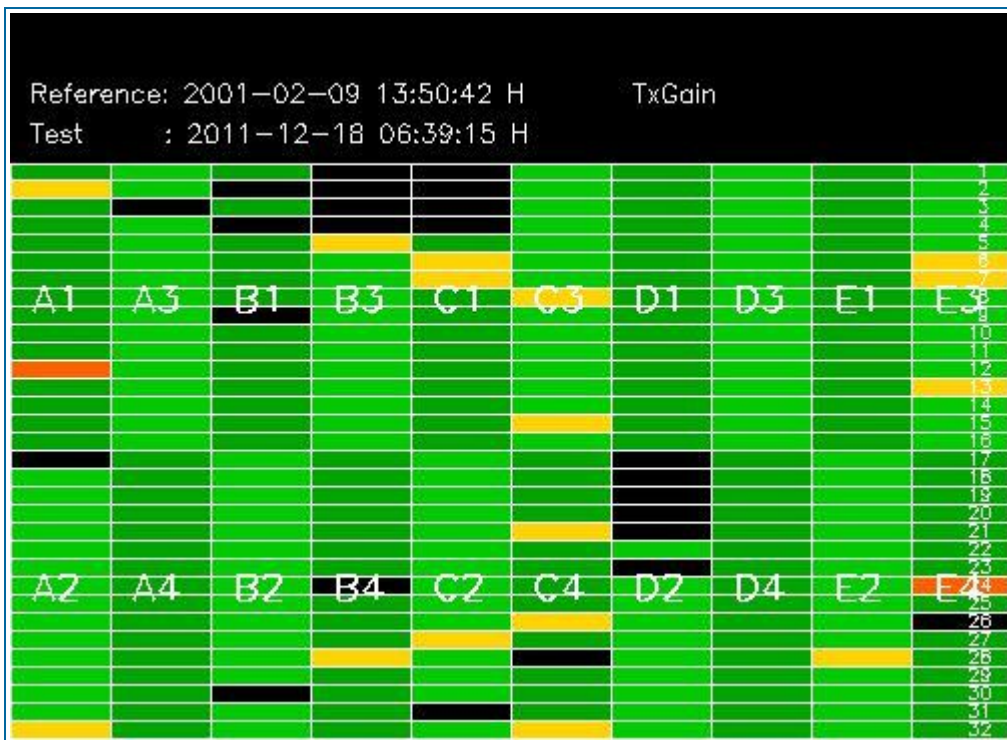
### 3.2 - H/H polarisation

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







## 4 - CALIBRATION PULSES ANALYSIS

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

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

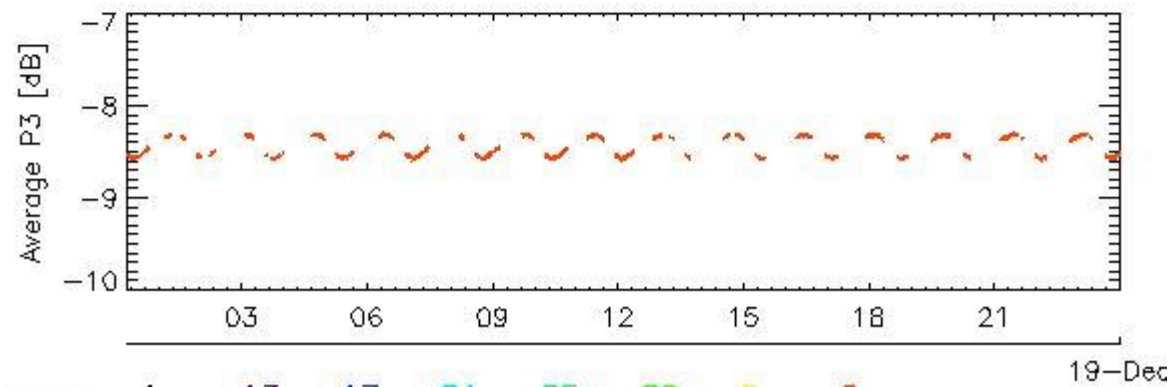
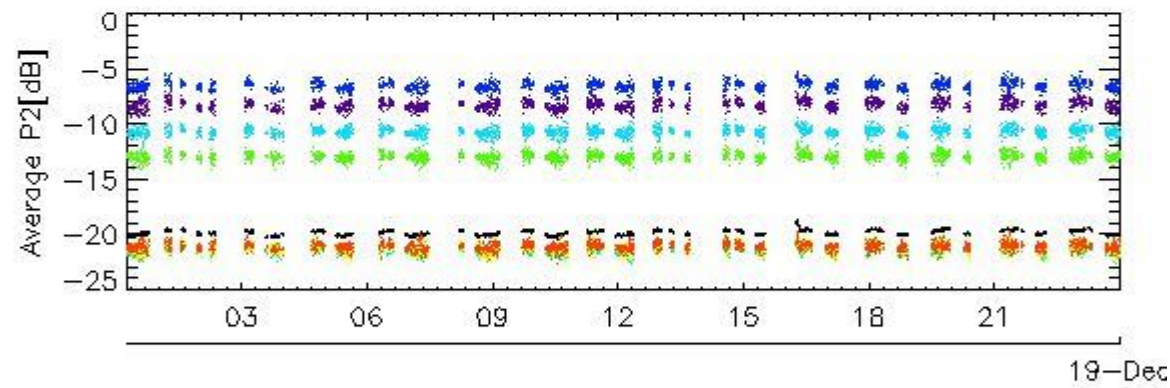
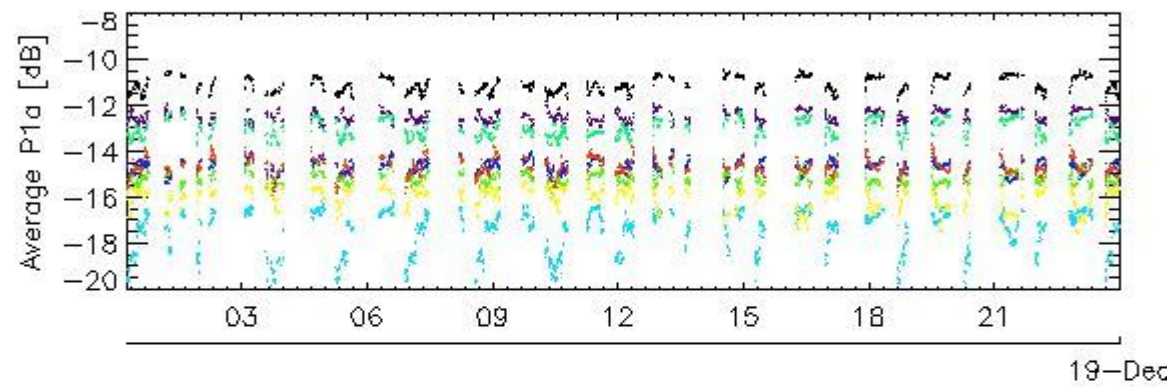
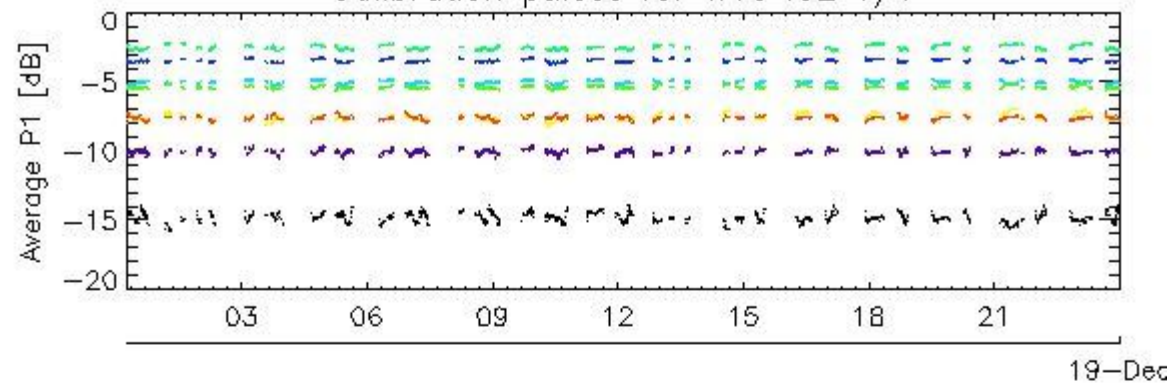
[ BACK TO MENU ]

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

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

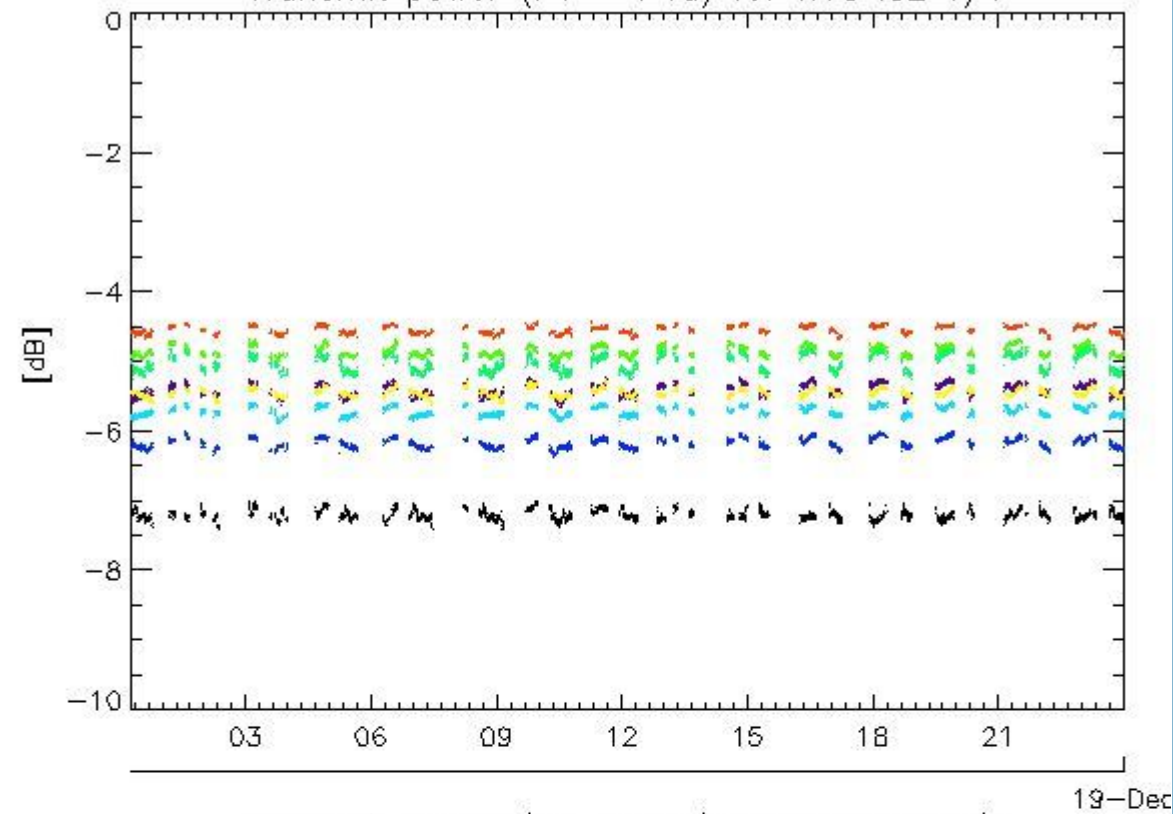


Calibration pulses for WVS IS2 V/V

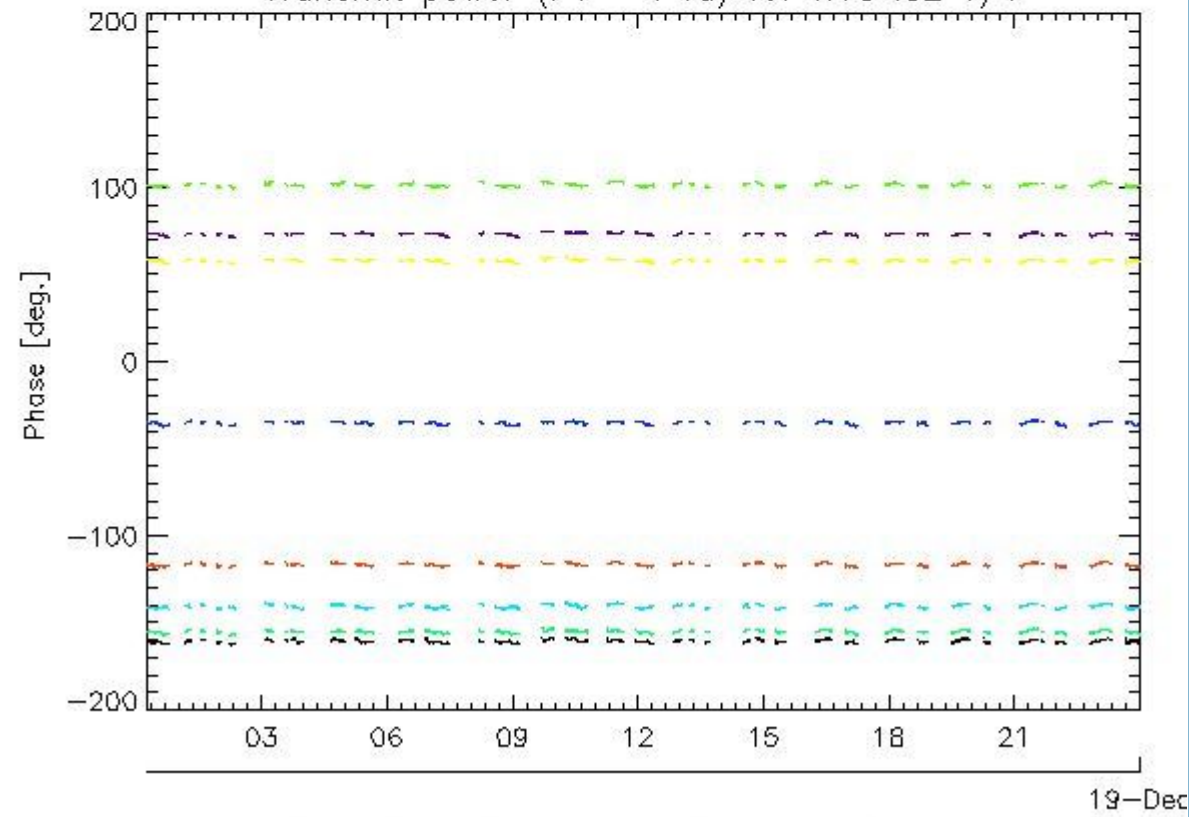


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

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



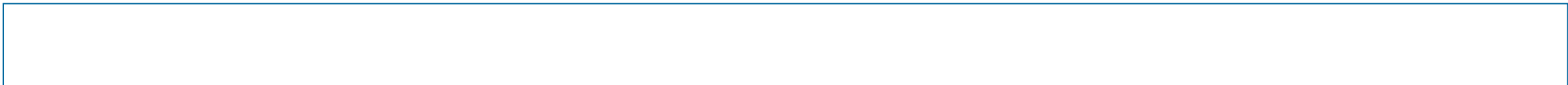
Transmit power (P1 - P1a) for WVS IS2 V/V

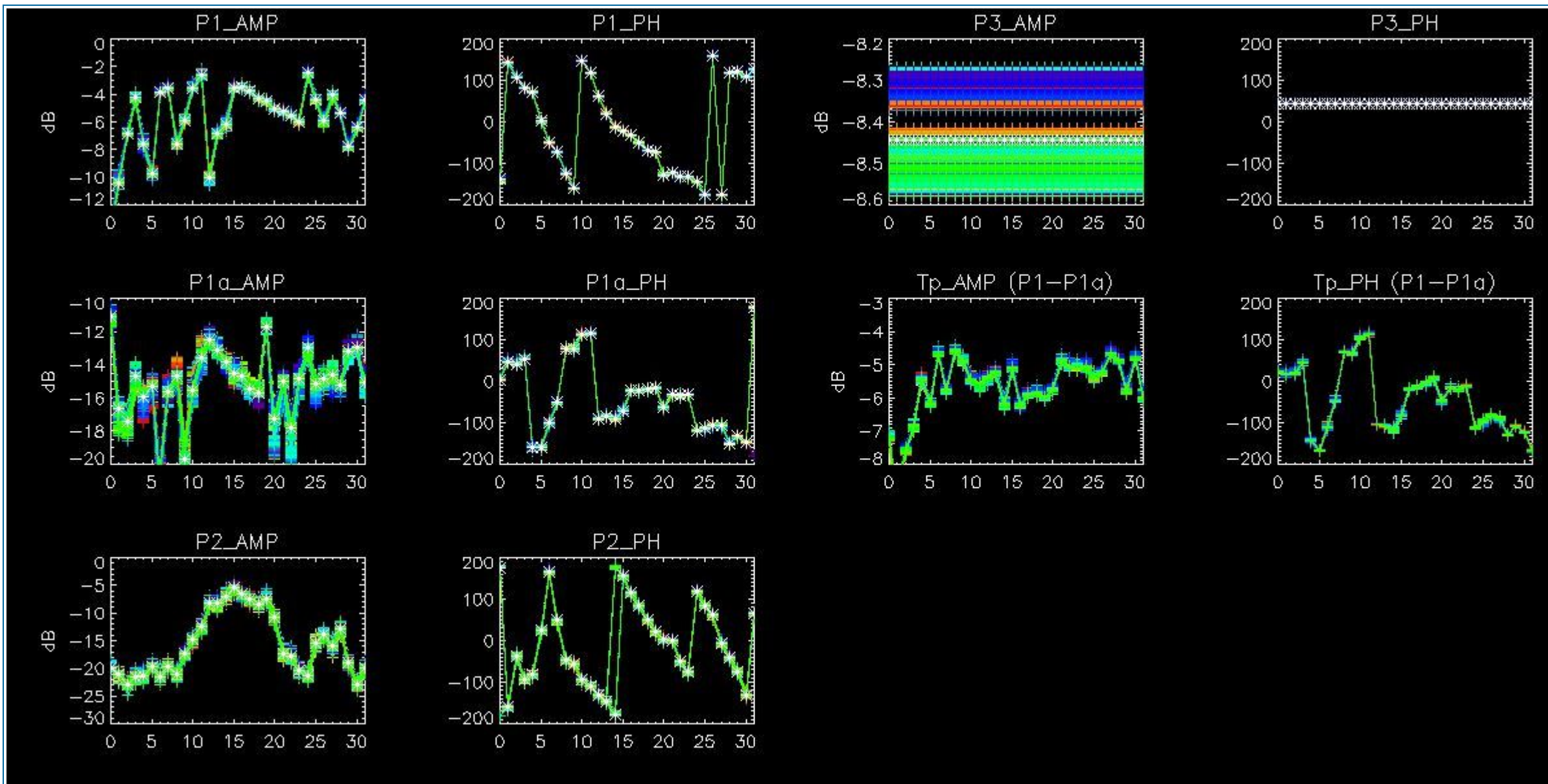


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

#### 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

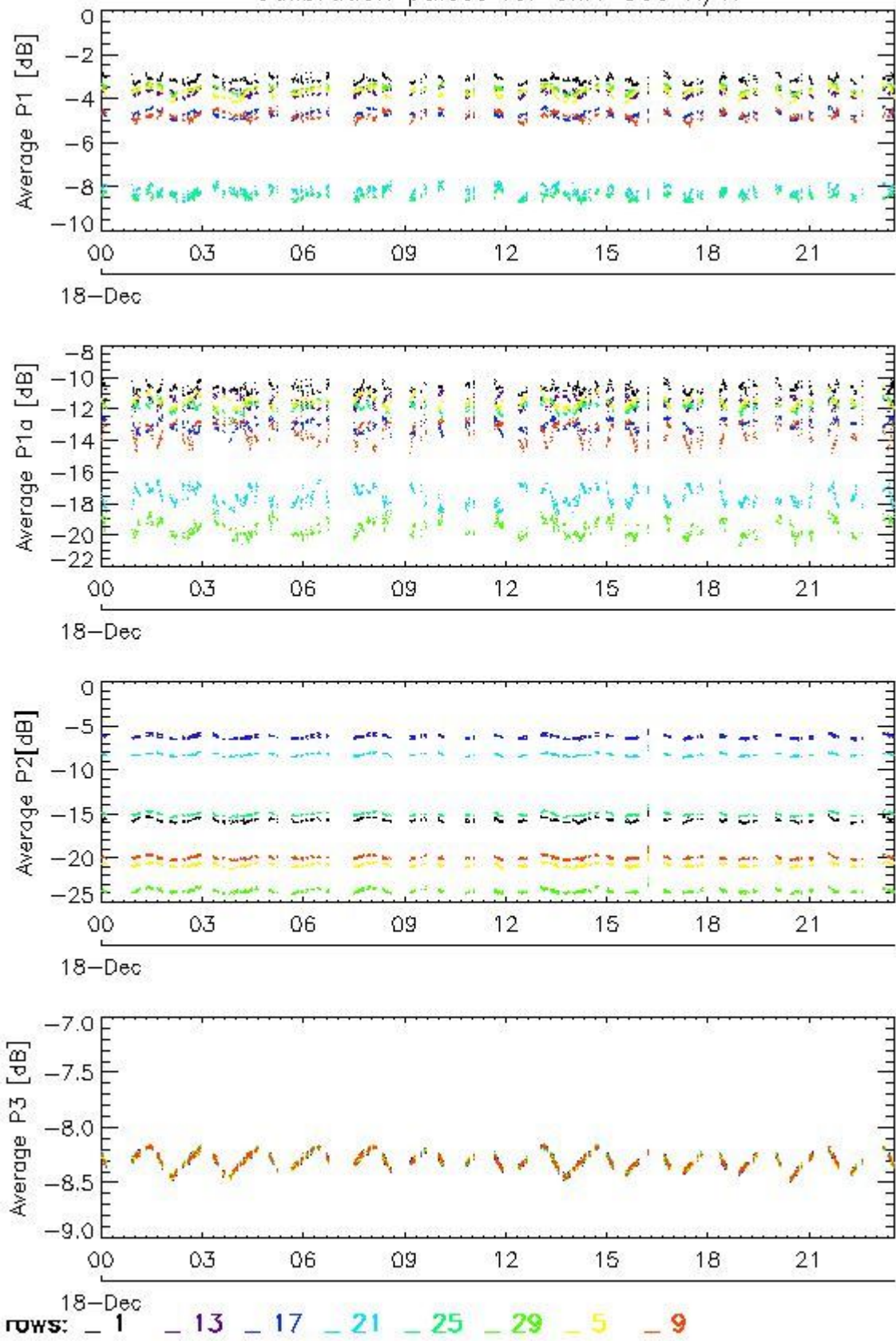
[ BACK TO MENU ]

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]

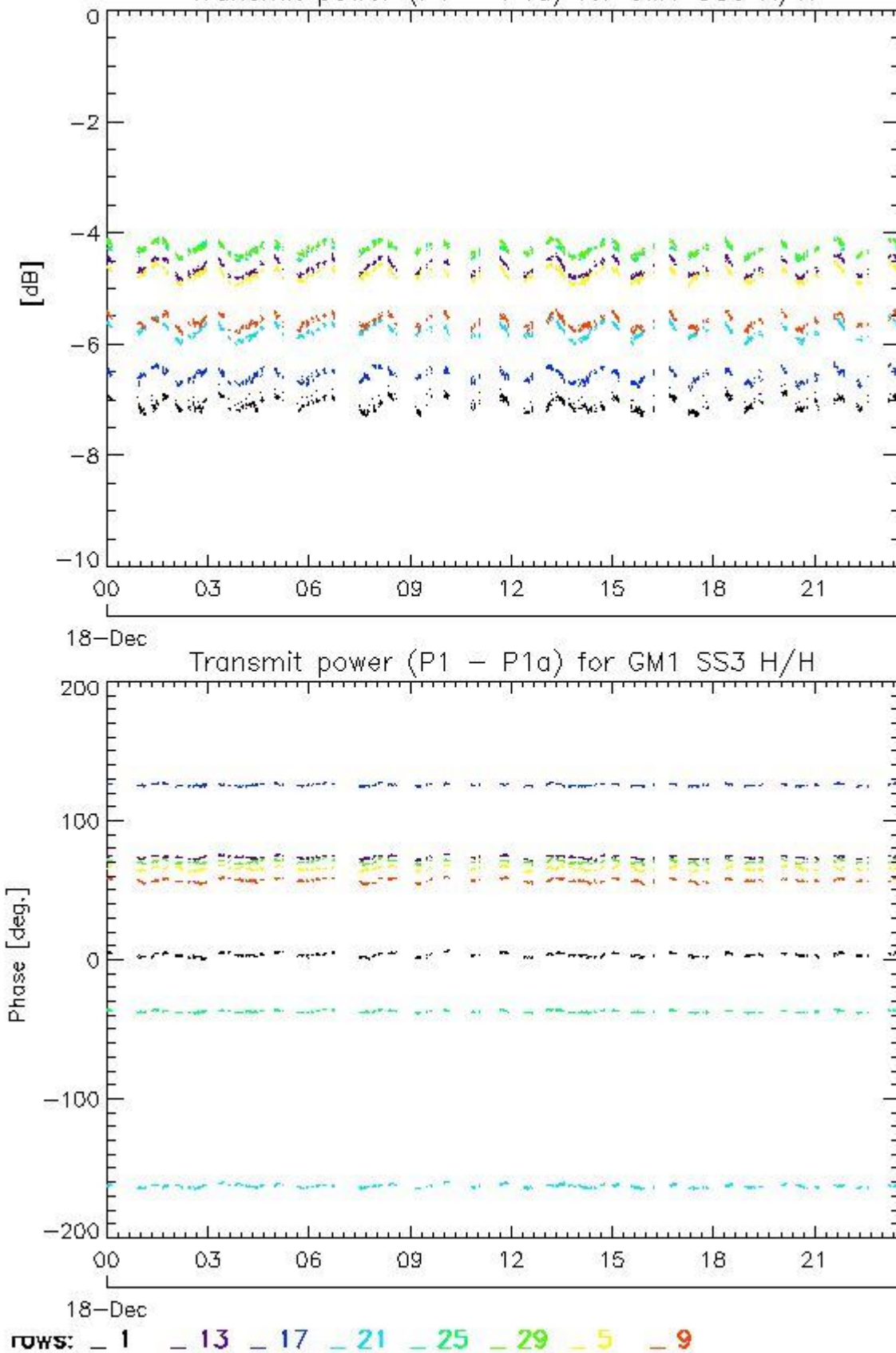
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



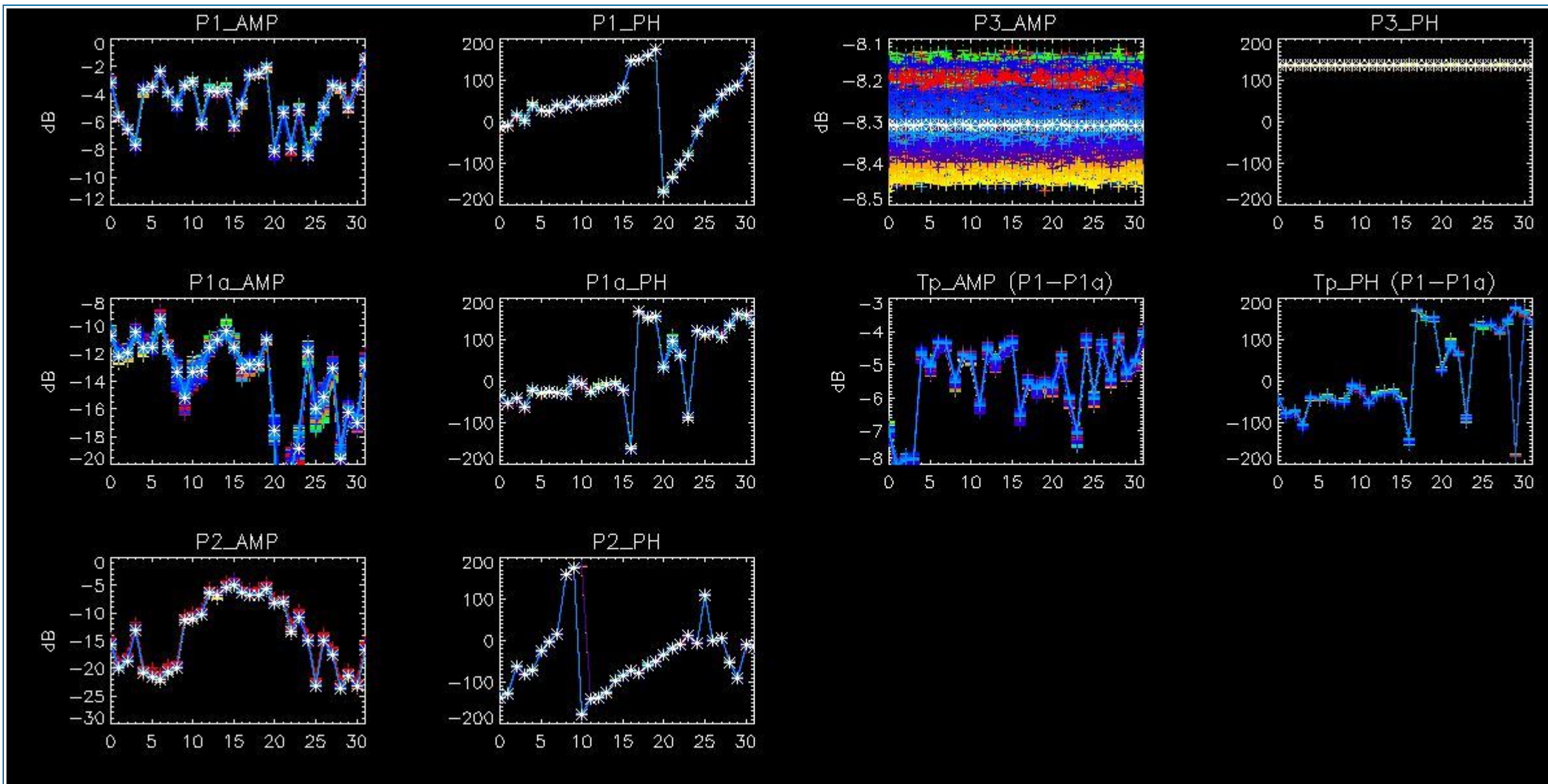
Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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## 5 - DOPPLER ANALYSIS

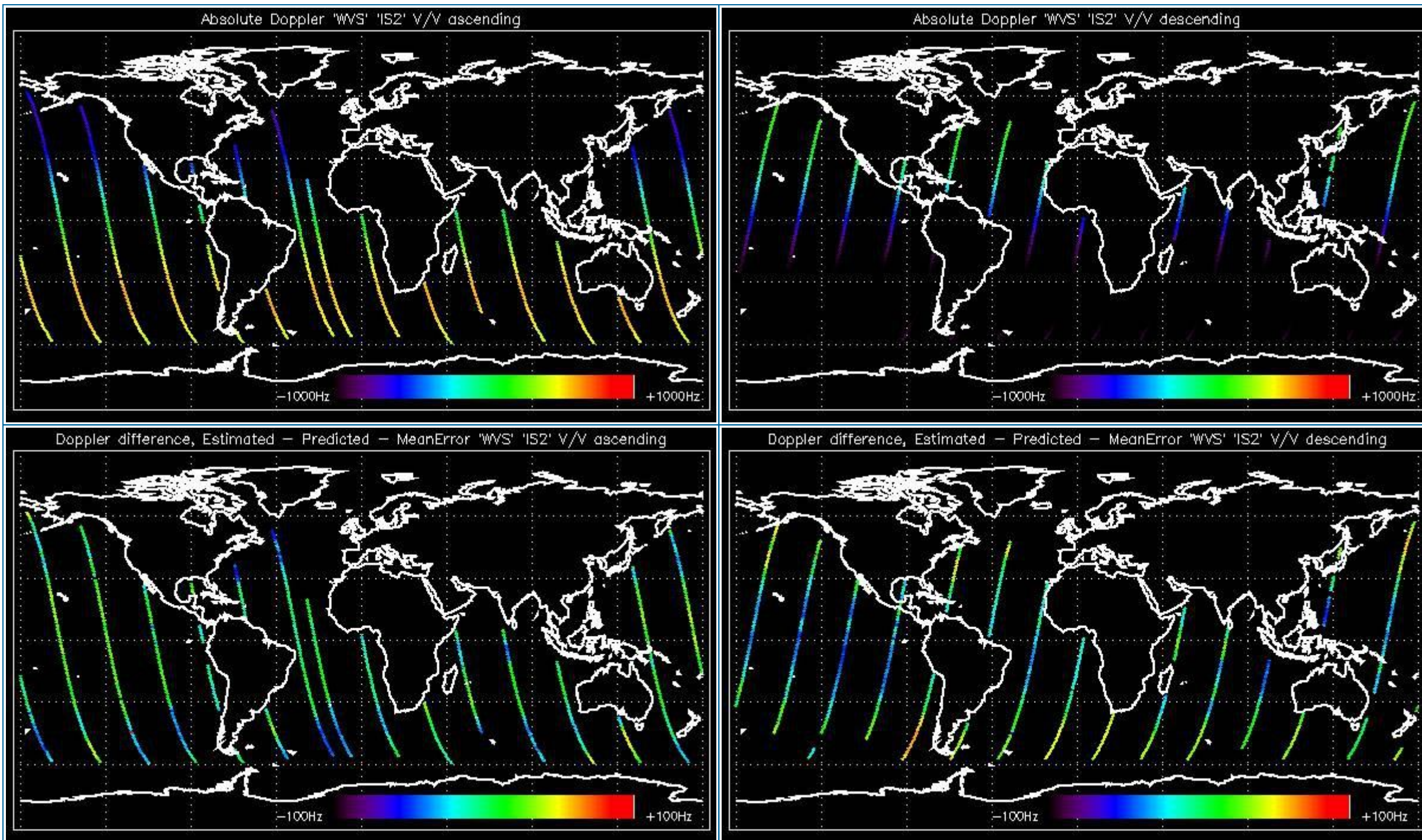
### 5.1 - Analysis for WVS IS2 V/V

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

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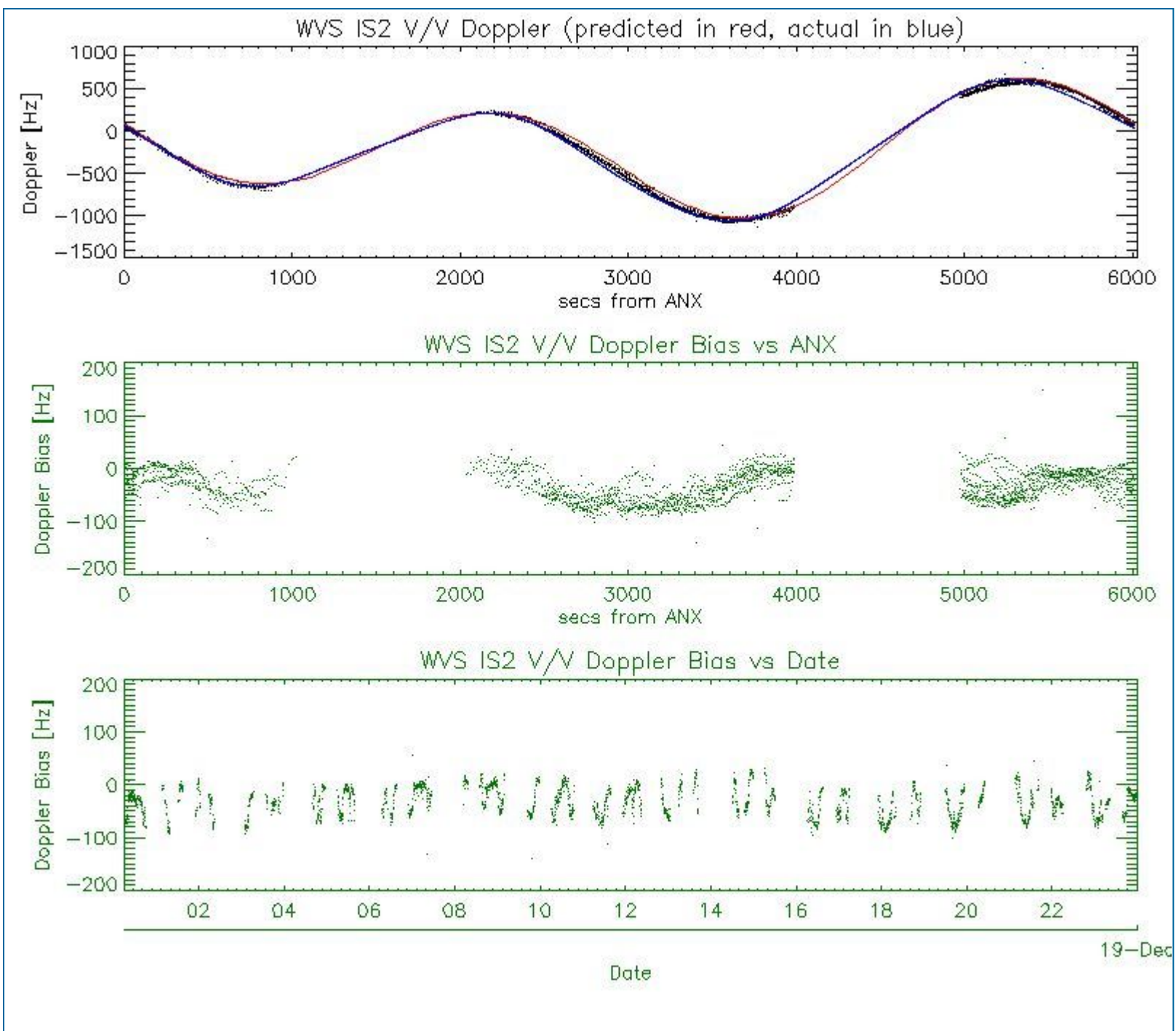




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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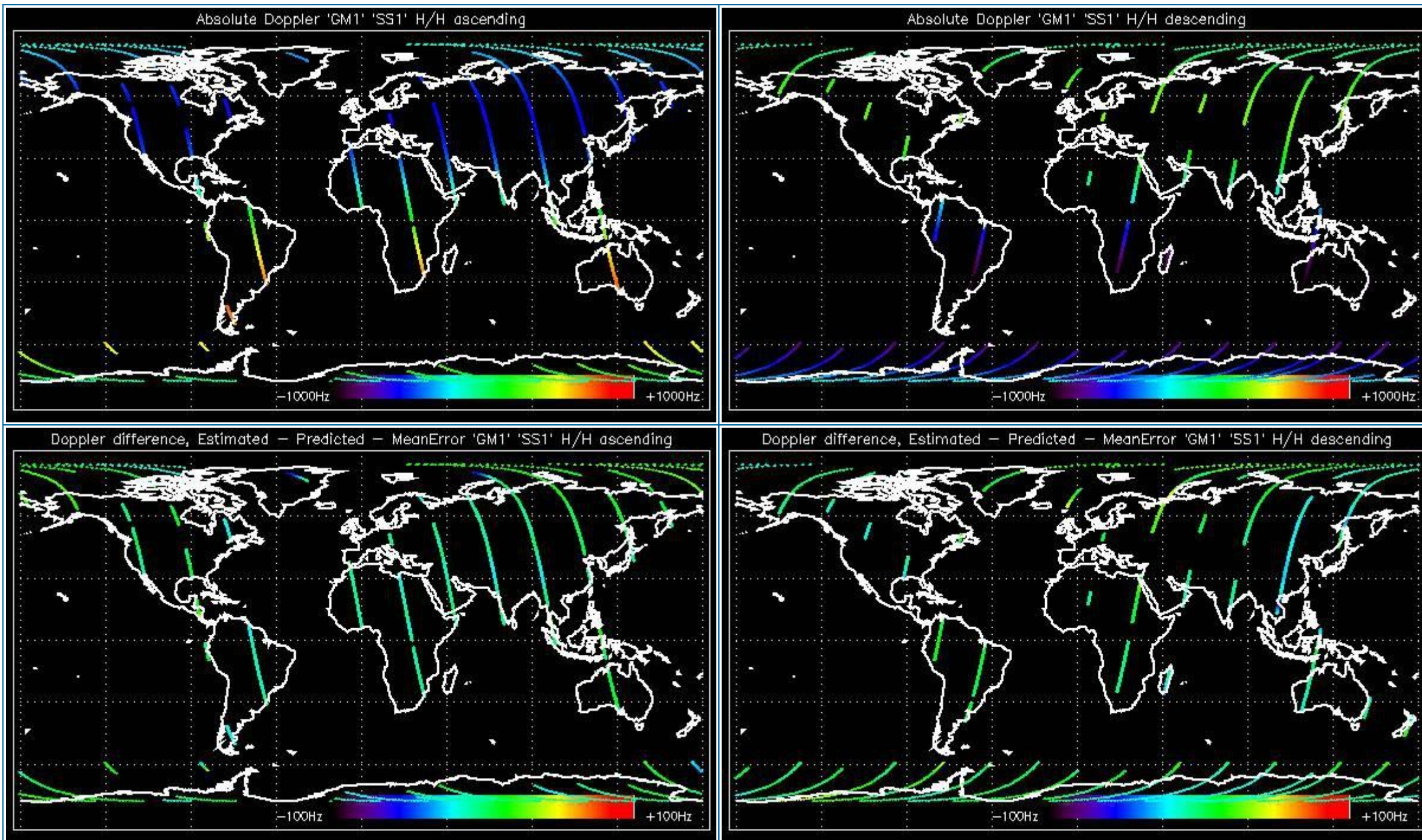
## 5.2 - Analysis for GM1 SS1 H/H

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

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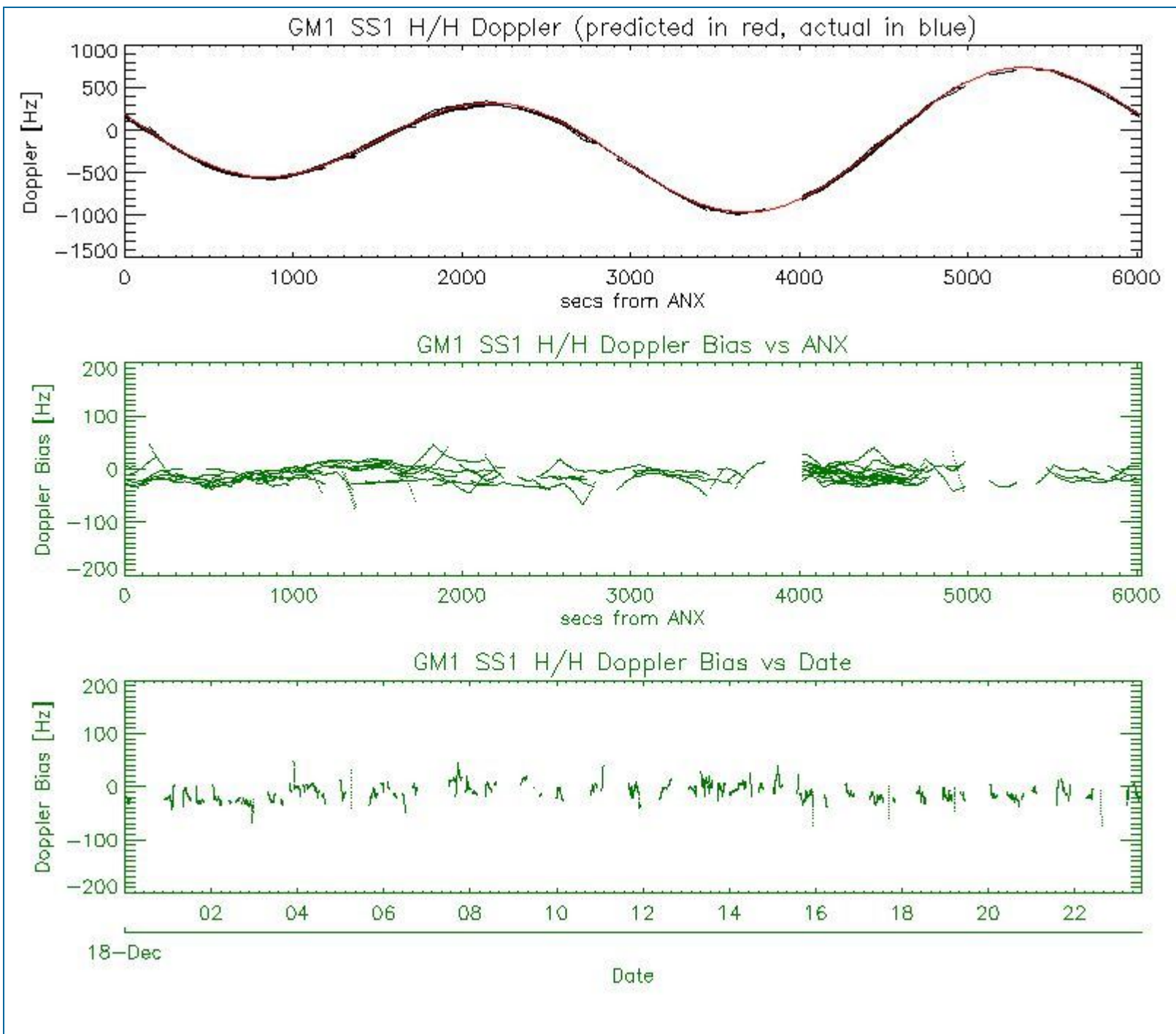




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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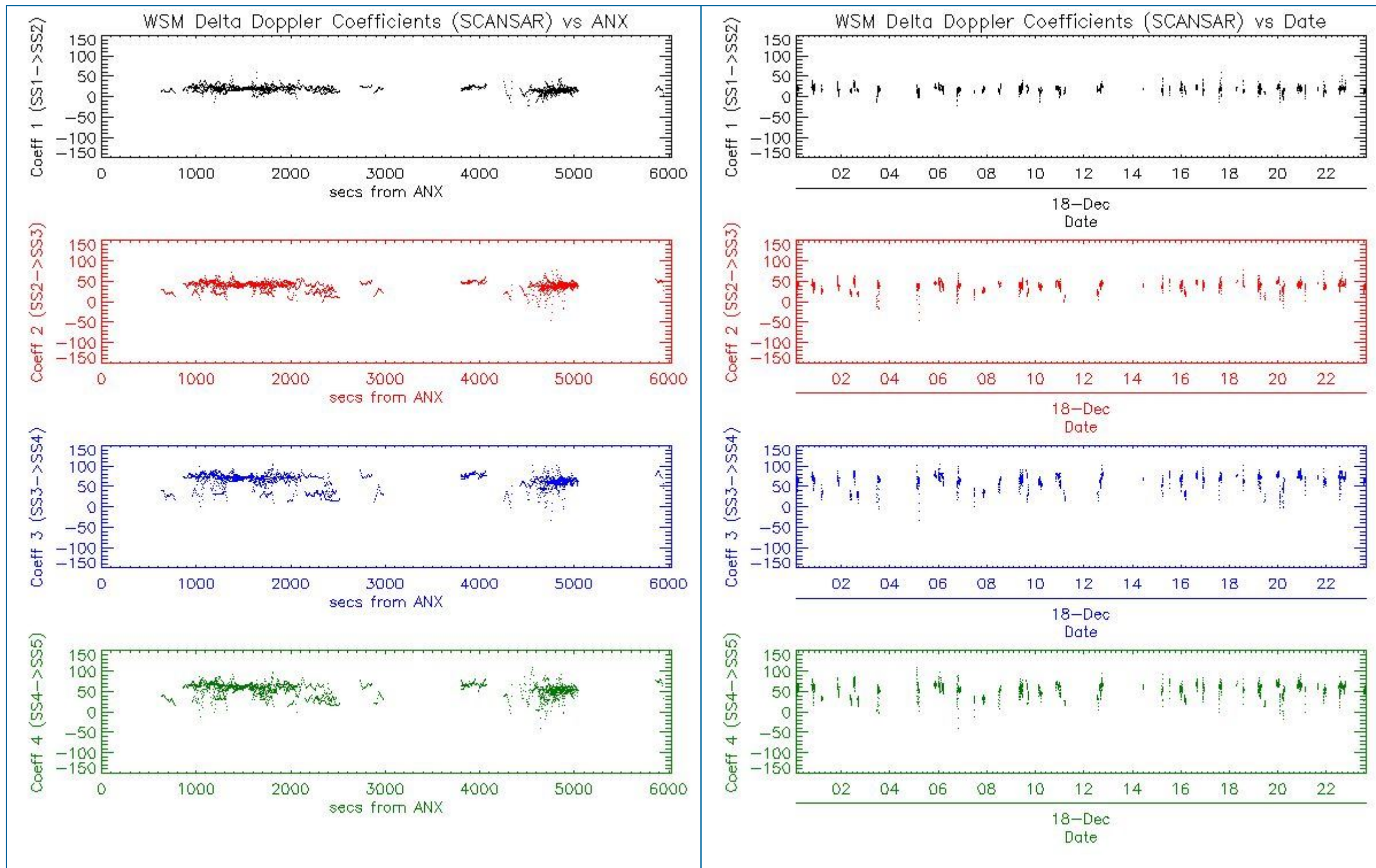


### 5.3 - Doppler JUMPS Analysis for WSM

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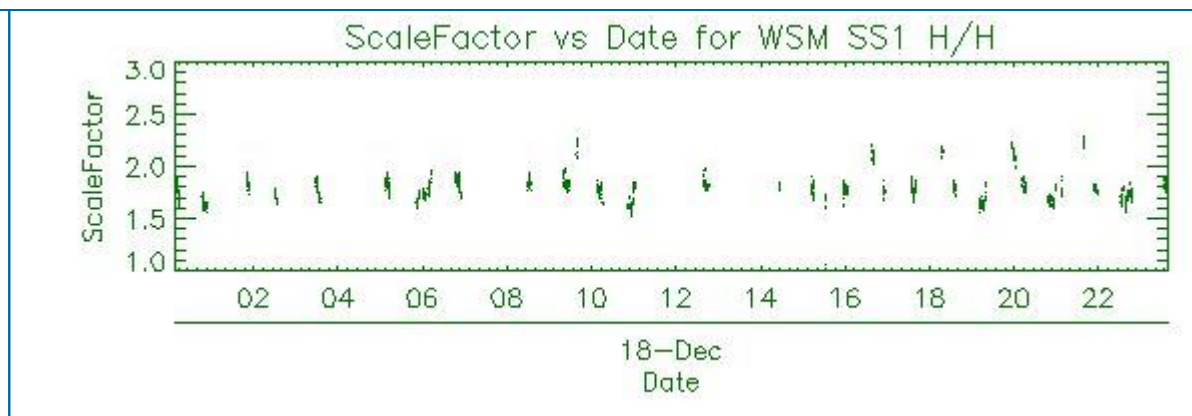
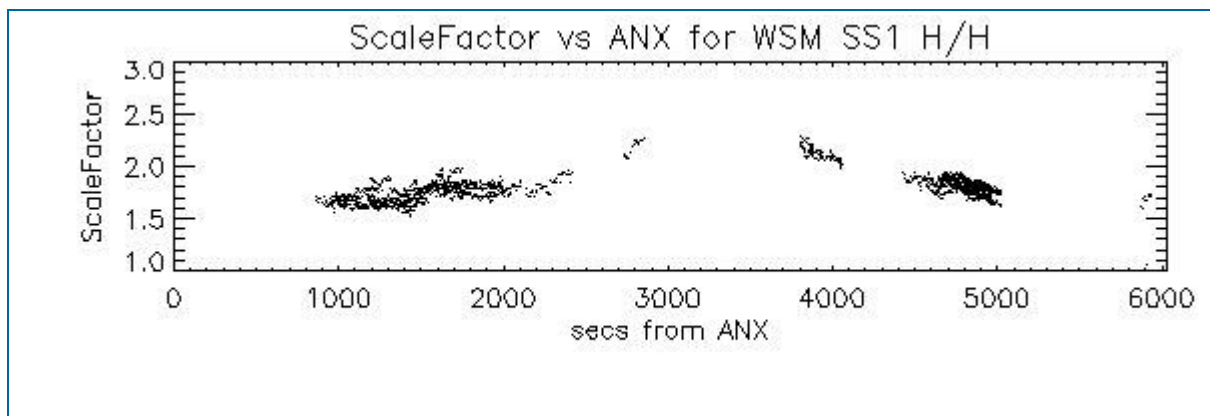
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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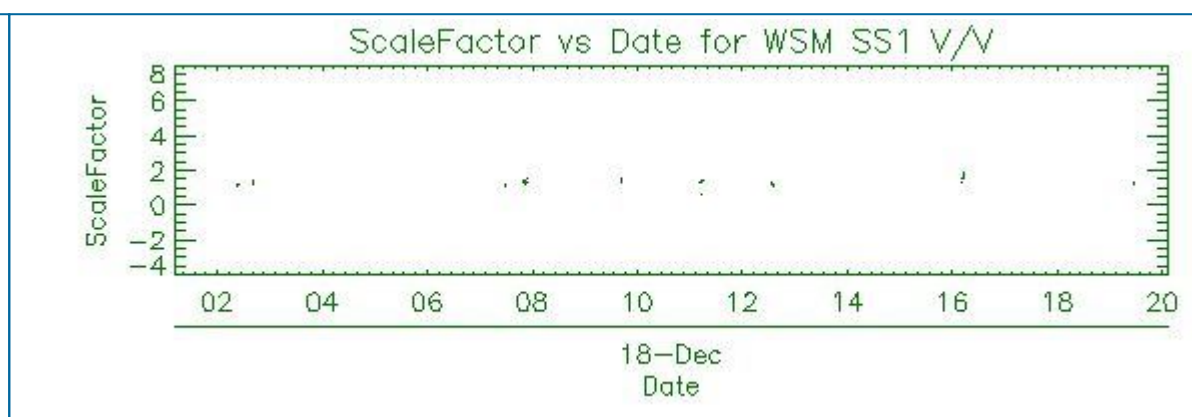
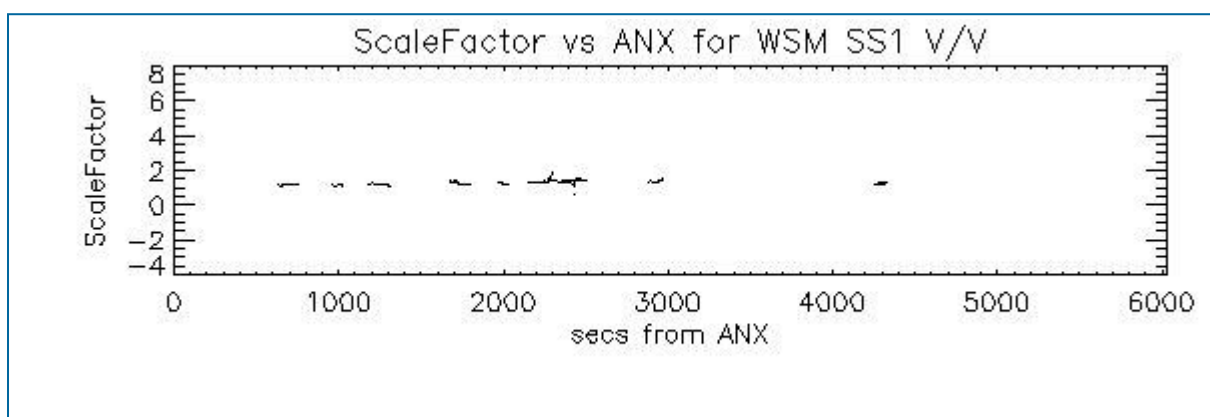




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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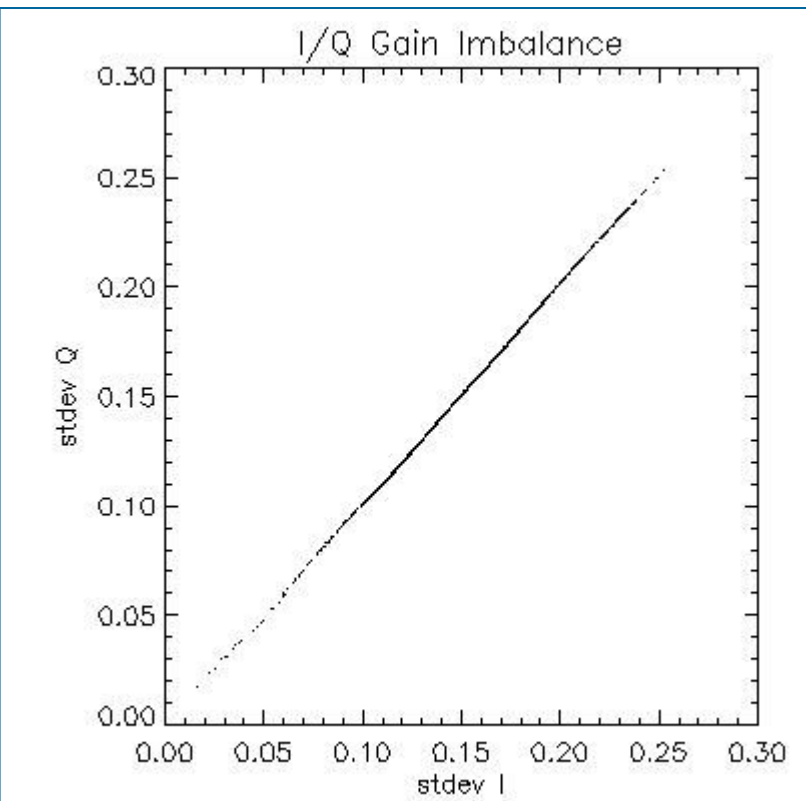
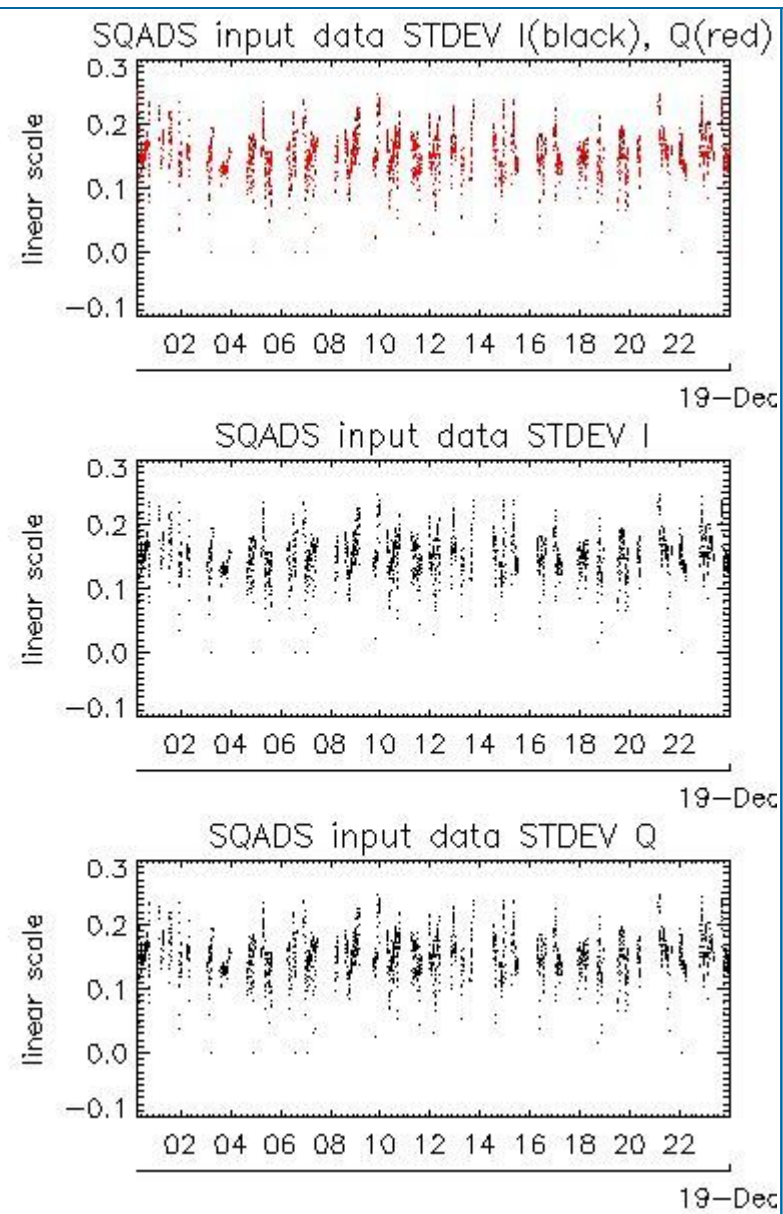
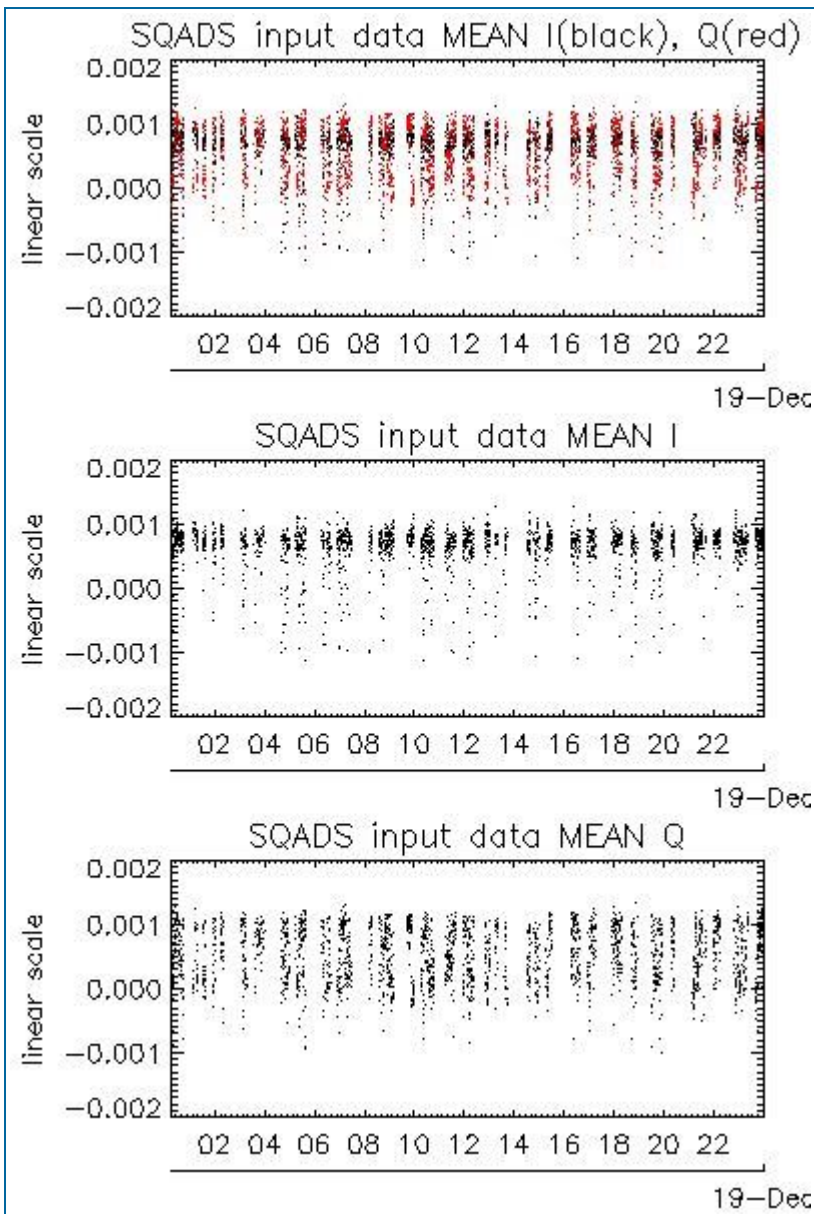
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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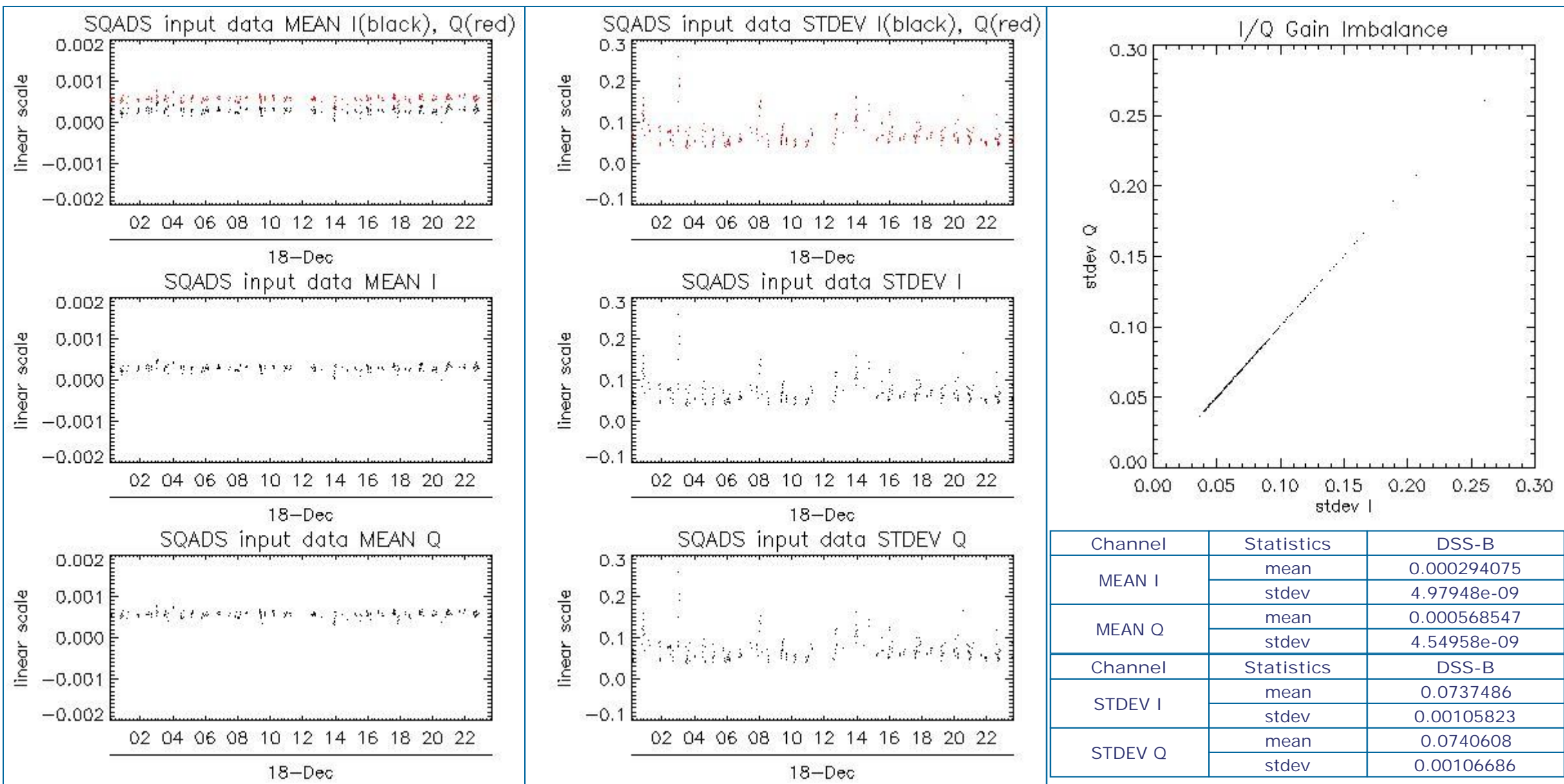


Channel	Statistics	DSS-B
MEAN I	mean	0.000650403
	stdev	1.12845e-07
MEAN Q	mean	0.000536292
	stdev	1.91083e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.151168
	stdev	0.00111992
STDEV Q	mean	0.151740
	stdev	0.00114633

## 7.2 - Analysis for IMM

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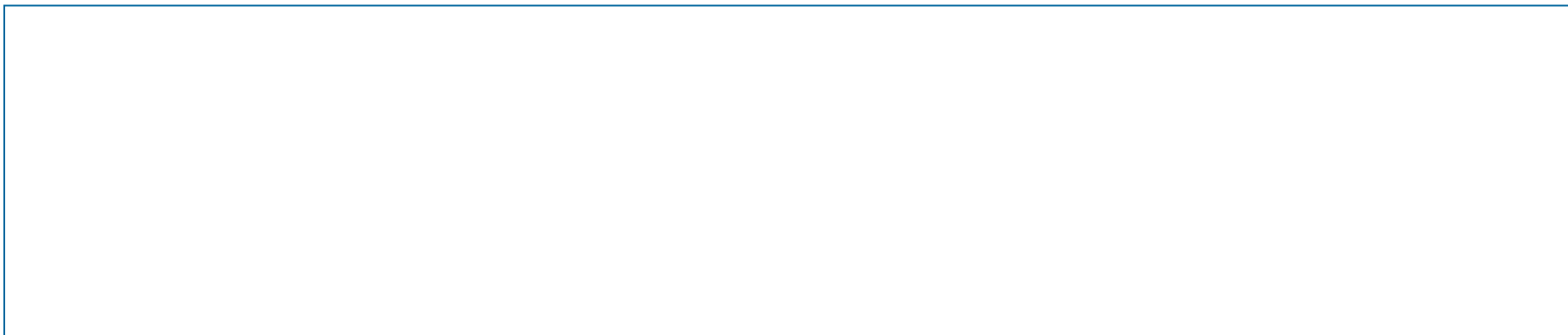


## 8 - TELEMETRY ANALYSIS

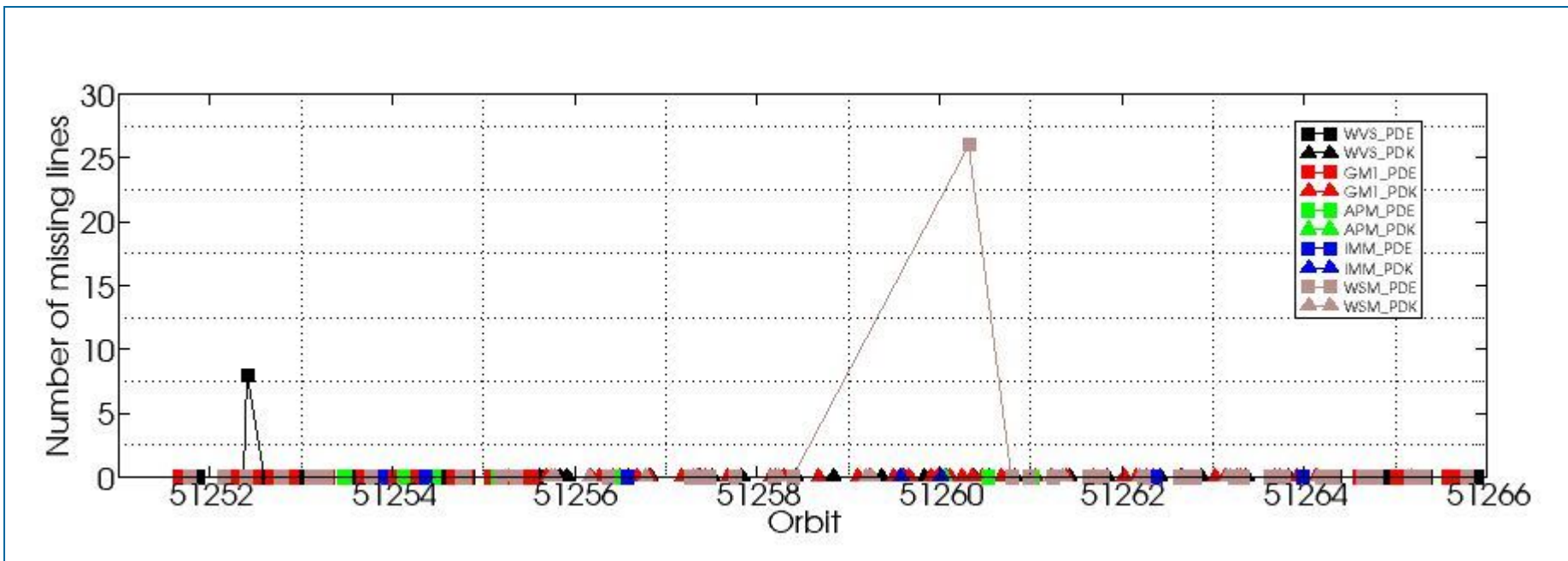
Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20111218_001522_000002403109_00375_51251_0573.N1	1	0
PDE	ASA_WVS_1PNPDE20111218_011301_000003883109_00376_51252_0598.N1	0	8
PDE	ASA_WVS_1PNPDE20111218_015514_000001203109_00376_51252_0599.N1	1	0
PDE	ASA_WSM_1PNPDE20111218_142608_000000733109_00384_51260_0820.N1	0	26

### 8.1 - Number of Missing lines

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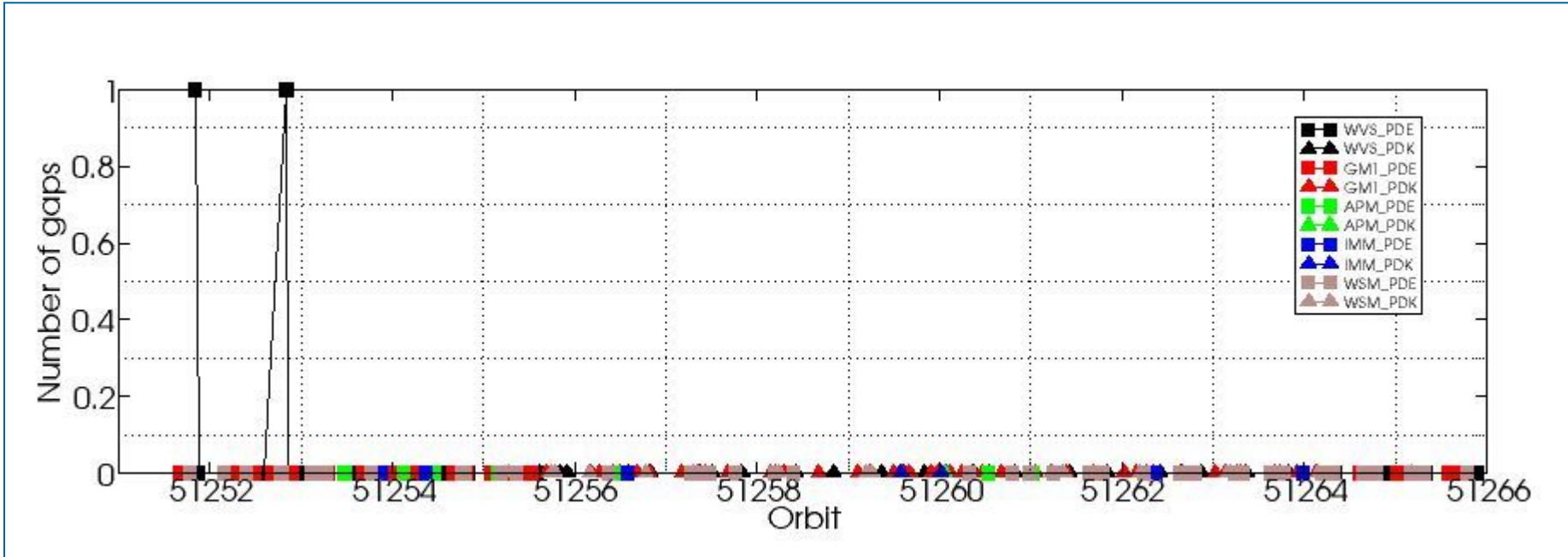






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 111218  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-12-18 00:00:00

Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/

DATA SUMMARY  
#####  
Summary will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_111218/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_111218/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/AUXILIARY

Creating directory ./RESULTS/DAILY/\_111218/AUXILIARY...

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





ADF filter 20111218\*current\_3\_IECF\_ADFs.txt  
 Found list 20111218\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20111218_001522_000002403109_00375_51251_0573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_001837_000016493109_00375_51251_0592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_010903_000000743109_00376_51252_0593.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_011301_000003883109_00376_51252_0598.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_013138_000003753109_00376_51252_0596.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_015514_000001203109_00376_51252_0599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_015629_000003303109_00376_51252_0619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_021406_000004493109_00377_51253_0626.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_030434_000003903109_00377_51253_0625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_031034_000003603109_00377_51253_0653.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20111218_034214_000003593109_00377_51253_0655.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_035125_000001343109_00377_51253_0661.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_035750_000000893109_00378_51254_0663.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20111218_061753_000004193109_00379_51255_0716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_062945_000002103109_00379_51255_0723.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_210845_000015143109_00388_51264_0840.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_213914_000000903109_00388_51264_0842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_213914_000000903109_00388_51264_0843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20111218_220131_000008093109_00388_51264_0864.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20111218_231523_000003303109_00389_51265_0869.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_233829_000003893109_00389_51265_0870.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111218_234400_000012143109_00389_51265_0889.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111218_063245_000003453109_00379_51255_5839.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20111218_070425_000013943109_00379_51255_5842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20111218_131432_000003003109_00383_51259_5958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20111218_161542_000012893109_00385_51261_6017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20111218_181849_000000753109_00386_51262_6044.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111218_184116_000008243109_00386_51262_6046.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20111218_201701_000005103109_00387_51263_6075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDK20111218_191224_000000723109_00387_51263_6064.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20111218_192459_000001023109_00387_51263_6067.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111218_200159_000001813109_00387_51263_6068.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111218_200634_000002953109_00387_51263_6070.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111218_202614_000004103109_00387_51263_6071.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111218_203353_000005493109_00387_51263_6072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111218_204655_00000903109_00388_51264_6074.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing APM products...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20111218_030030_000002383109_00377_51253_0616.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_040400_000000423109_00378_51254_0644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_043823_000000873109_00378_51254_0652.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_054709_000000433109_00379_51255_0703.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_080016_000001333109_00380_51256_0750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_144618_000000433109_00384_51260_0815.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111218_153640_000000563109_00385_51261_0819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20111218_135859_000000823109_00384_51260_5973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20111218_034001_000001283109_00377_51253_0645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111218_042910_000002823109_00378_51254_0651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111218_080939_000000823109_00380_51256_0751.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111218_175020_000002793109_00386_51262_0827.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111218_203306_000000373109_00387_51263_0838.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111218_092925_000000373109_00381_51257_5885.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111218_131058_000000373109_00383_51259_5961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111218_135426_000002493109_00384_51260_5972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_111218/AUXILIARY/Check\_ADFs\_WSM.xls...



ASA_WSM_1PNPDE20111218_000822_000004223109_00375_51251_0565.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_004642_000005143109_00376_51252_0590.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_011130_00000923109_00376_51252_0591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_014943_000003303109_00376_51252_0595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_022213_000001533109_00377_51253_0617.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_022959_000002263109_00377_51253_0622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_023938_000001533109_00377_51253_0623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_032821_000003923109_00377_51253_0643.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_050711_000002143109_00378_51254_0701.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_051112_000001533109_00378_51254_0702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_055041_000002513109_00379_51255_0704.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_060745_000003063109_00379_51255_0700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_074957_000002203109_00380_51256_0748.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_091917_000002513109_00381_51257_0766.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_092338_000002693109_00381_51257_0769.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_093810_000001353109_00381_51257_0771.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_094046_000001043109_00381_51257_0772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_100839_000004343109_00381_51257_0798.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_105131_00000923109_00382_51258_0799.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_111153_000001903109_00382_51258_0797.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_142608_00000733109_00384_51260_0820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_151249_000002143109_00384_51260_0818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_153106_00000923109_00384_51260_0817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_155803_000003363109_00385_51261_0822.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_163801_00000923109_00385_51261_0823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_164001_00000923109_00385_51261_0824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_165320_000002143109_00385_51261_0821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_173710_000002513109_00386_51262_0825.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_181719_00000923109_00386_51262_0828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_183316_000002143109_00386_51262_0826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_191645_000002513109_00387_51263_0829.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_192648_00000733109_00387_51263_0831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_195724_000002693109_00387_51263_0832.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_200501_00000923109_00387_51263_0833.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_201132_000003123109_00387_51263_0830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_205400_000003923109_00388_51264_0852.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_210715_00000923109_00388_51264_0851.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_213744_00000923109_00388_51264_0853.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_215344_000002753109_00388_51264_0837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_223111_00000923109_00389_51265_0859.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_223727_000001533109_00389_51265_0863.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_224057_000002753109_00389_51265_0872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_224556_000001533109_00389_51265_0873.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111218_233257_000003363109_00389_51265_0862.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_060010_000003063109_00379_51255_5829.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_064559_000001843109_00379_51255_5850.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_064933_000002753109_00379_51255_5849.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_072824_00000923109_00380_51256_5852.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_082941_000002393109_00380_51256_5877.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_092156_00000983109_00381_51257_5876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_092632_00000923109_00381_51257_5884.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_105610_000003673109_00382_51258_5915.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_123251_000001533109_00383_51259_5960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_123906_000004533109_00383_51259_5940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_155644_000001163109_00385_51261_5995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_160927_000001773109_00385_51261_6026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_173343_000004103109_00386_51262_6029.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_190948_000001533109_00387_51263_6054.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_191345_000002143109_00387_51263_6056.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_204835_000002693109_00388_51264_6081.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111218_223150_000002513109_00389_51265_6098.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

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MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_111218/MODULE\_STEPPING...  
Creating directory ./RESULTS/DAILY/\_111218/MODULE\_STEPPING/FIRST\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE...  
Creating directory ./RESULTS/DAILY/\_111218/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/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDK20111218\_063915\_000000163109\_00379\_51255\_0935.N1

H  
H  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20111218\_063915-20010209\_135042.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20111218\_063915-20010209\_135042.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20111218\_063915-20010209\_135042.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20111218\_063915-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20111218\_081929\_000000163109\_00380\_51256\_0936.N1

V  
V  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20111218\_081929-20010209\_140823.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20111218\_081929-20010209\_140823.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20111218\_081929-20010209\_140823.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20111218\_081929-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20111217\_071559\_000000163109\_00365\_51241\_0933.N1  
Test product: ASA\_MS\_\_0PNPDK20111218\_063915\_000000163109\_00379\_51255\_0935.N1

H  
H  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20111218\_063915-20111217\_071559.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20111218\_063915-20111217\_071559.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20111218\_063915-20111217\_071559.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20111218\_063915-20111217\_071559.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20111217\_085613\_000000163109\_00366\_51242\_0934.N1  
Test product: ASA\_MS\_\_0PNPDK20111218\_081929\_000000163109\_00380\_51256\_0936.N1

V  
V  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20111218\_081929-20111217\_085613.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20111218\_081929-20111217\_085613.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20111218\_081929-20111217\_085613.png  
../../RESULTS/DAILY/\_111218/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20111218\_081929-20111217\_085613.png

MODULE\_STEPPING ANALYSIS completed

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CALIBRATION PULSES ANALYSIS

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Creating directory ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59

Analysing products WVS IS2 V/V

1 77601 7 77601

Writing image ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 42529 7 42529

Writing image ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-12-18\_1.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-12-18\_2.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-12-18\_3.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-12-18\_4.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-12-18\_1.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-12-18\_2.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_111218/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-12-18\_3.dat...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_111218//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...



```
Getting calibration pulses data for GM1 SS3 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_111218/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-18_4.dat...
Writing ../../RESULTS/DAILY/_111218//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_111218//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...
```

```
CALIBRATION PULSES ANALYSIS completed
#####
```

```
DOPPLER ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_111218/DOPPLER...
```

```
*****
*****
DOPPLER ANX Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59
```

```
Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...
Writing file ./RESULTS/DAILY/_111218/DOPPLER/Doppler_data_WVS_IS2_VV_2011-12-18.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111218/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...
```

```
Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...
Writing file ./RESULTS/DAILY/_111218/DOPPLER/Doppler_data_GM1_SS1_HH_2011-12-18.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111218/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...
```

```
*****
*****
DOPPLER JUMPS Analysis will be performed on WSM products from 2011-12-18 00:00:00 to 2011-12-18 23:59:59
```

```
Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...
Writing file ./RESULTS/DAILY/_111218/DOPPLER/Doppler_Jumps_data_WSM_2011-12-18.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111218/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_111218/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...
```

```
*****
*****
DOPPLER MAP Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59
```

```
Analysing products WVS IS2 V/V

1119
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -38.940013 Hz
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
```



```
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.WV_2  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -26.630188 Hz  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

\*\*\*\*\*

Analysing products GM1 SS1 H/H

```
2644  
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -9.6254449 Hz  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

\*\*\*\*\*

```
2725  
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -11.431497 Hz  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...  
Writing file ../../RESULTS/DAILY/_111218//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

\*\*\*\*\*

DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_111218/CHIRP...

```
*****  
*****  
CHIRP Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59
```

```
Analysing products WSM SS1 H/H  
*****  
Getting ScaleFactor data for WSM SS1 H/H from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/_111218/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-12-18.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/_111218/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...  
Writing file ../../RESULTS/DAILY/_111218/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V  
*****  
Getting ScaleFactor data for WSM SS1 V/V from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/_111218/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-12-18.dat...
```



Running IDL program...  
Writing file ../../RESULTS/DAILY/\_111218/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_111218/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

#### RAW DATA ANALYSIS

#####

Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_111218/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_WVS\_2011-12-18.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2011-12-18 00:00:00 to 2011-12-18 23:59:59...  
Writing file ./RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_IMM\_2011-12-18.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_111218/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

#### TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-12-18 00:00:00 to 2011-12-18 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_111218/TELEMETRY

Creating directory ./RESULTS/DAILY/\_111218/TELEMETRY...

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

\*\*\*\*\*

Checking 28 products from PDE...  
Found product...ASA\_WVS\_1PNPDE20111218\_001522\_000002403109\_00375\_51251\_0573.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20111218\_011301\_000003883109\_00376\_51252\_0598.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20111218\_015514\_000001203109\_00376\_51252\_0599.N1 / 1 gaps / 0 missing lines  
Checking 23 products from PDK...

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

\*\*\*\*\*

Checking 35 products from PDE...  
Checking 49 products from PDK...

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

\*\*\*\*\*

Checking 8 products from PDE...  
Checking 1 products from PDK...

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

\*\*\*\*\*



Checking 5 products from PDE...  
Checking 3 products from PDK...

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

\*\*\*\*\*

Checking 44 products from PDE...  
Found product..ASA\_WSM\_1PNPDE20111218\_142608\_00000733109\_00384\_51260\_0820.N1 / 0 gaps / 26 missing lines  
Checking 17 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_111218/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_111218/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_111218/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_1PNPDE20111218_025816_000000863109_00377_51253_0615.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_030030_000002383109_00377_51253_0616.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_040400_000000423109_00378_51254_0644.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_043823_000000873109_00378_51254_0652.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_054709_000000433109_00379_51255_0703.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_080016_000001333109_00380_51256_0750.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_144618_000000433109_00384_51260_0815.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111218_153640_000000563109_00385_51261_0819.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20111218_135859_000000823109_00384_51260_5973.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_1PNPDE20111218_005517_000008283109_00376_51252_0594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_012011_000006833109_00376_51252_0597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_013834_000006653109_00376_51252_0600.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_020237_000006893109_00376_51252_0618.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_022448_000001933109_00377_51253_0620.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_023351_000003443109_00377_51253_0621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_024213_000009673109_00377_51253_0624.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_031849_000005673109_00377_51253_0654.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_033717_000001633109_00377_51253_0658.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_034856_000001443109_00377_51253_0656.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_035420_000002053109_00378_51254_0660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_040000_000002413109_00378_51254_0659.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_040723_000001573109_00378_51254_0662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_041241_000009913109_00378_51254_0664.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_043400_000002653109_00378_51254_0667.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_045904_000004833109_00378_51254_0705.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_051347_000000723109_00378_51254_0707.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_053957_000004343109_00379_51255_0715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_053957_000004343109_00379_51255_0719.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_054809_000001443109_00379_51255_0714.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_054809_000001443109_00379_51255_0718.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_055508_000003023109_00379_51255_0713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_055508_000003023109_00379_51255_0717.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_060516_000001443109_00379_51255_0708.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_061251_000003023109_00379_51255_0722.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_062542_000002413109_00379_51255_0720.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_210034_000003983109_00388_51264_0839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_213438_000001813109_00388_51264_0841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_214121_000007373109_00388_51264_0845.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_221547_000005493109_00389_51265_0861.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_223603_000000783109_00389_51265_0867.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_231229_000000783109_00389_51265_0866.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_231400_000000783109_00389_51265_0868.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111218_232135_000006773109_00389_51265_0871.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_064033_000003203109_00379_51255_5841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_073000_000006283109_00380_51256_5843.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_073931_000005073109_00380_51256_5868.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_075336_000003983109_00380_51256_5869.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_080247_000004103109_00380_51256_5870.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_082045_000005313109_00380_51256_5872.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_083344_000001023109_00380_51256_5873.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_091028_000005253109_00381_51257_5875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_092813_000000663109_00381_51257_5902.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_093616_000001083109_00381_51257_5903.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_095943_000005313109_00381_51257_5906.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_104804_000002053109_00382_51258_5905.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_105305_000001813109_00382_51258_5907.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_110217_000001573109_00382_51258_5924.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_113958_000009613109_00382_51258_5926.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_122332_000005553109_00383_51259_5927.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_123528_000002173109_00383_51259_5928.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_130323_000004533109_00383_51259_5955.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_131145_000001633109_00383_51259_5957.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_132011_000009613109_00383_51259_5959.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_134315_000003803109_00383_51259_5964.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_135035_000002353109_00383_51259_5963.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_140040_000001383109_00384_51260_5962.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_140441_000008463109_00384_51260_5966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_141736_000003323109_00384_51260_5980.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_142859_000001143109_00384_51260_5981.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_144017_000003623109_00384_51260_5983.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_150025_000007433109_00384_51260_5985.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_153244_000002353109_00384_51260_5986.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_153758_000010943109_00385_51261_5992.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20111218_155522_00000723109_00385_51261_6015.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_161226_000001933109_00385_51261_6016.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_164136_000007013109_00385_51261_6018.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_171539_000009363109_00386_51262_6021.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_172956_000002233109_00386_51262_6040.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_174124_00000723109_00386_51262_6041.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_174804_000001323109_00386_51262_6043.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_182053_000007373109_00386_51262_6045.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_185543_000007553109_00387_51263_6047.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_185543_000007553109_00387_51263_6049.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_190700_000001633109_00387_51263_6110.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_191224_00000723109_00387_51263_6064.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_192107_000001143109_00387_51263_6066.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_192459_000001023109_00387_51263_6067.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_200159_000001813109_00387_51263_6068.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_200634_000002953109_00387_51263_6070.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_202614_000004103109_00387_51263_6071.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_203353_000005493109_00387_51263_6072.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111218_204655_00000903109_00388_51264_6074.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_1PNPDE20111218_034001_000001283109_00377_51253_0645.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111218_042910_000002823109_00378_51254_0651.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111218_080939_000000823109_00380_51256_0751.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111218_175020_000002793109_00386_51262_0827.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111218_203306_000000373109_00387_51263_0838.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111218_092925_000000373109_00381_51257_5885.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111218_131058_000000373109_00383_51259_5961.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111218_135426_000002493109_00384_51260_5972.N1	OK	OK	OK	OK



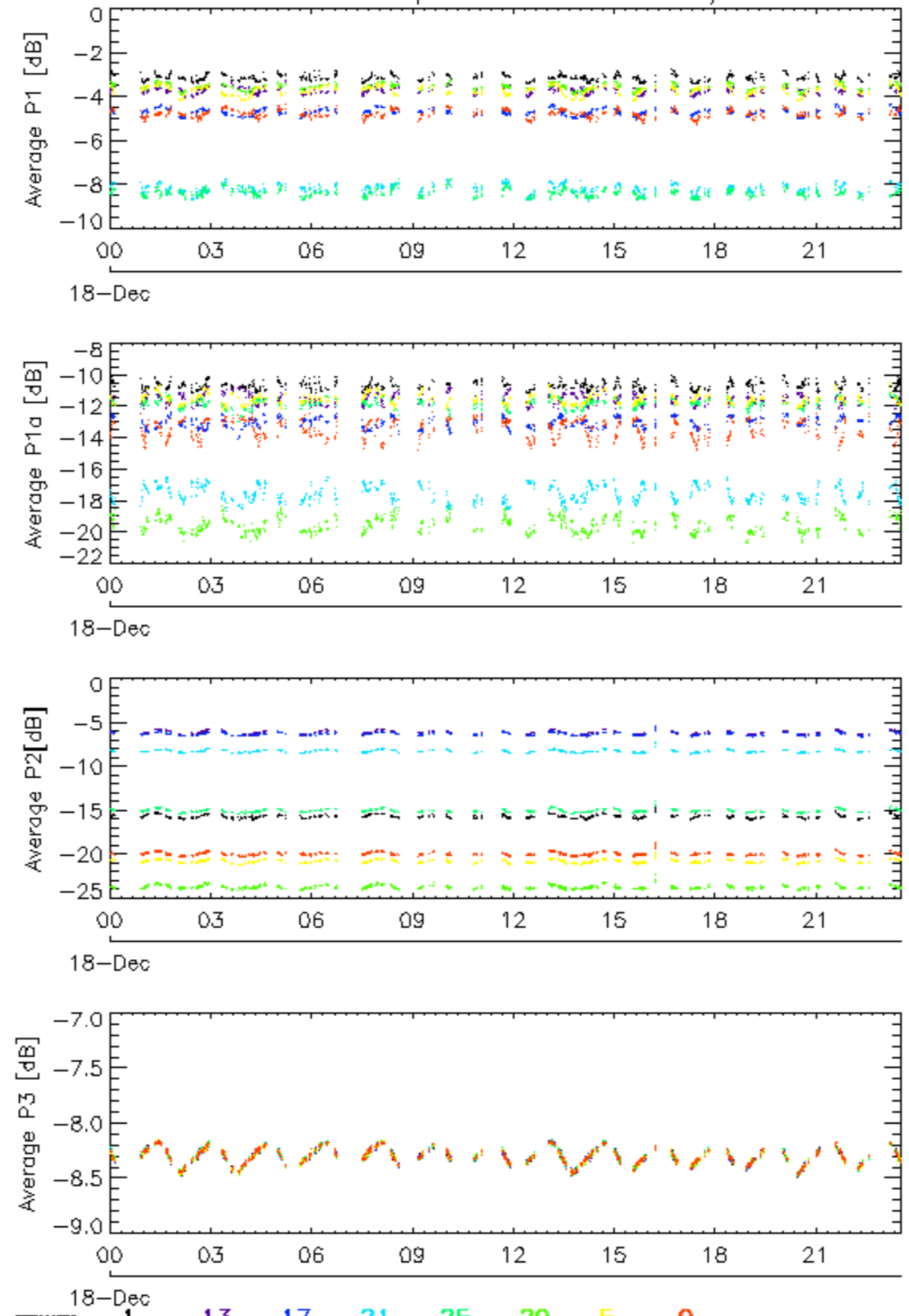
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20111218_000822_000004223109_00375_51251_0565.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_004642_000005143109_00376_51252_0590.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_011130_000000923109_00376_51252_0591.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_014943_000003303109_00376_51252_0595.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_022213_000001533109_00377_51253_0617.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_022959_000002263109_00377_51253_0622.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111218_023938_000001533109_00377_51253_0623.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20111218_051112_000001533109_00378_51254_0702.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20111218_204835_000002693109_00388_51264_6081.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.

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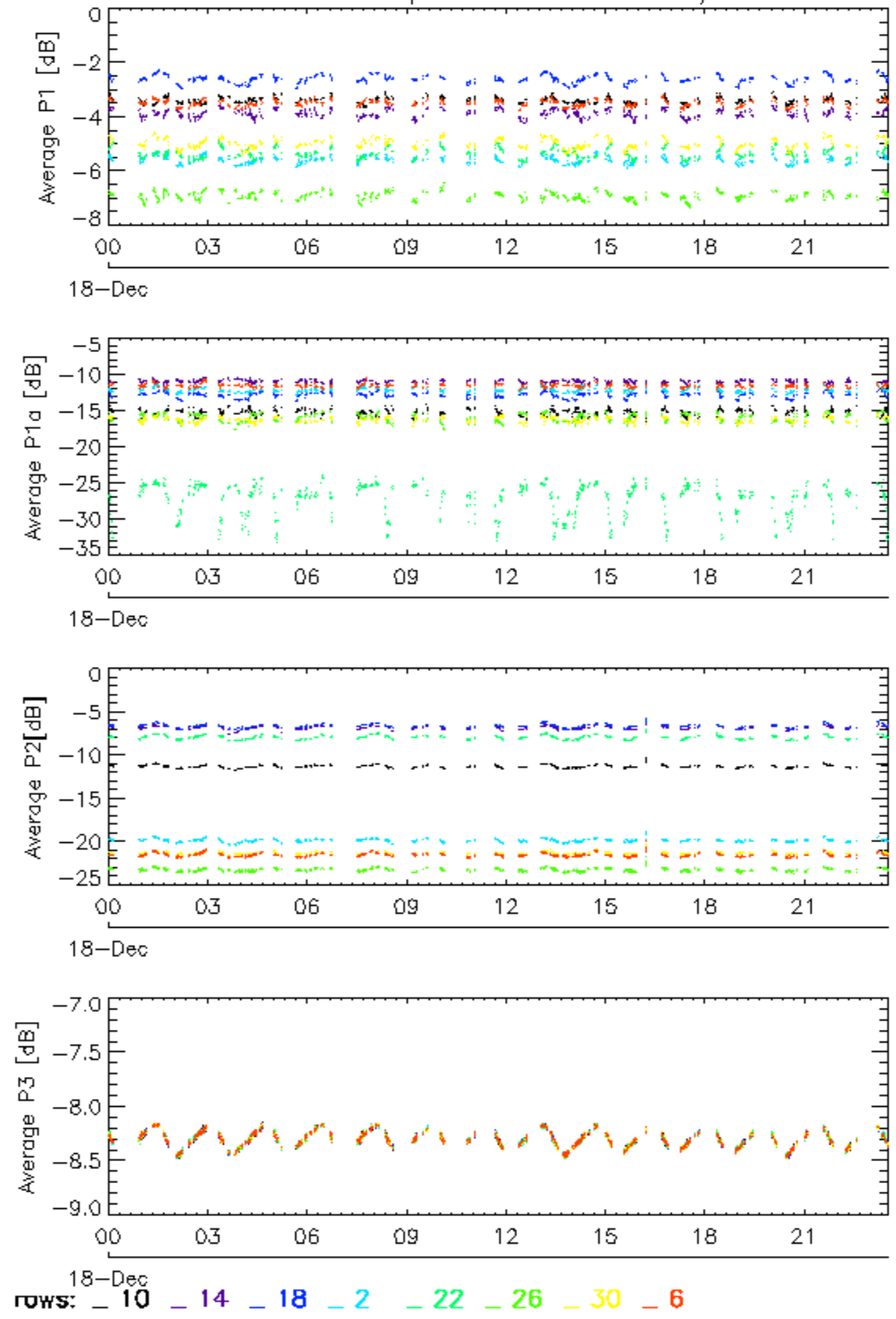
Calibration pulses for GM1 SS3 H/H



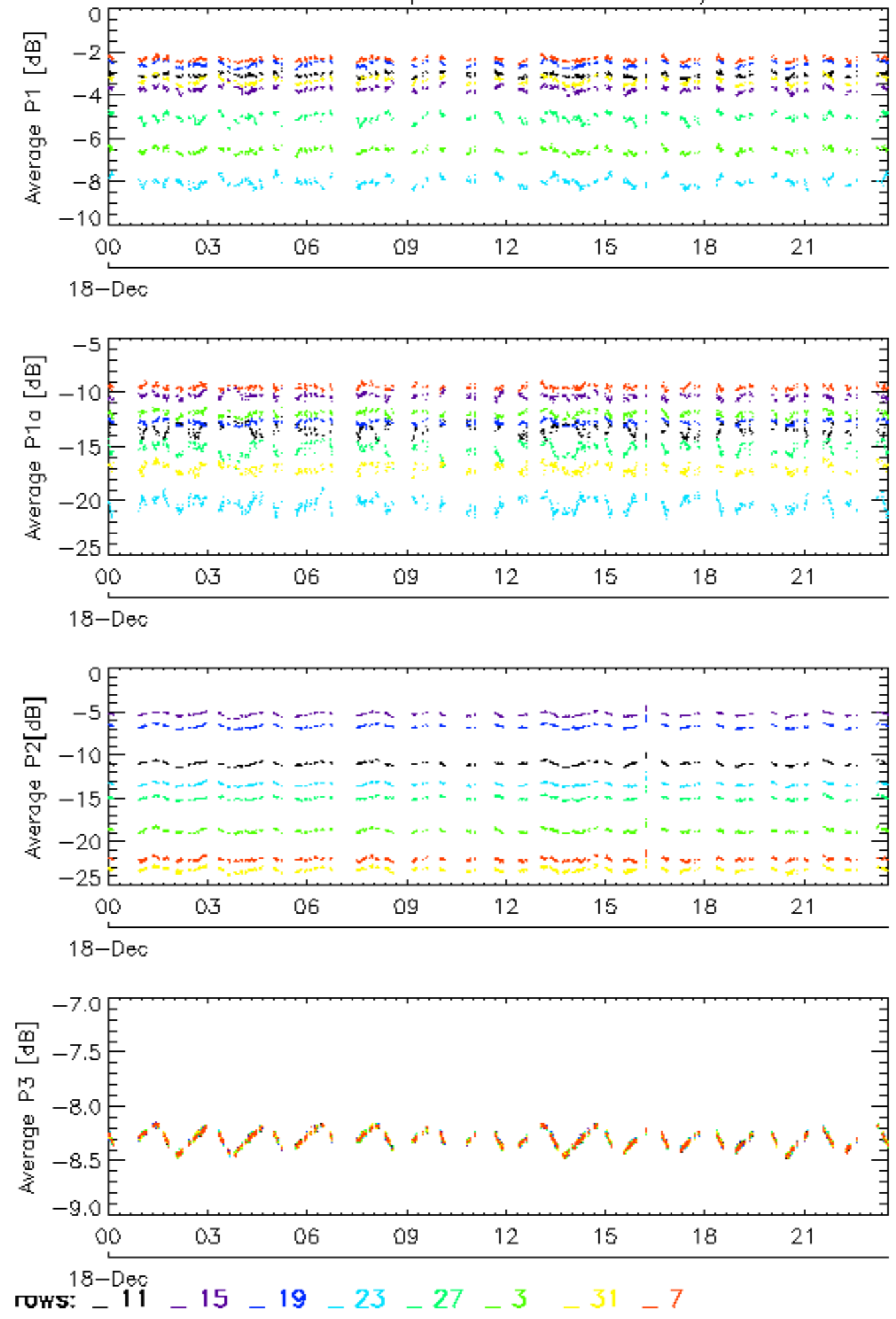
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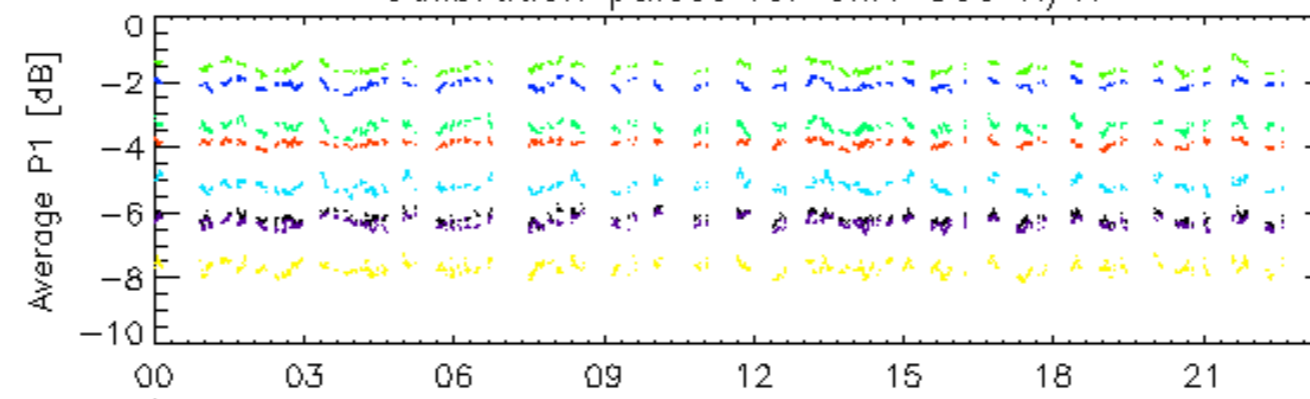
Calibration pulses for GM1 SS3 H/H



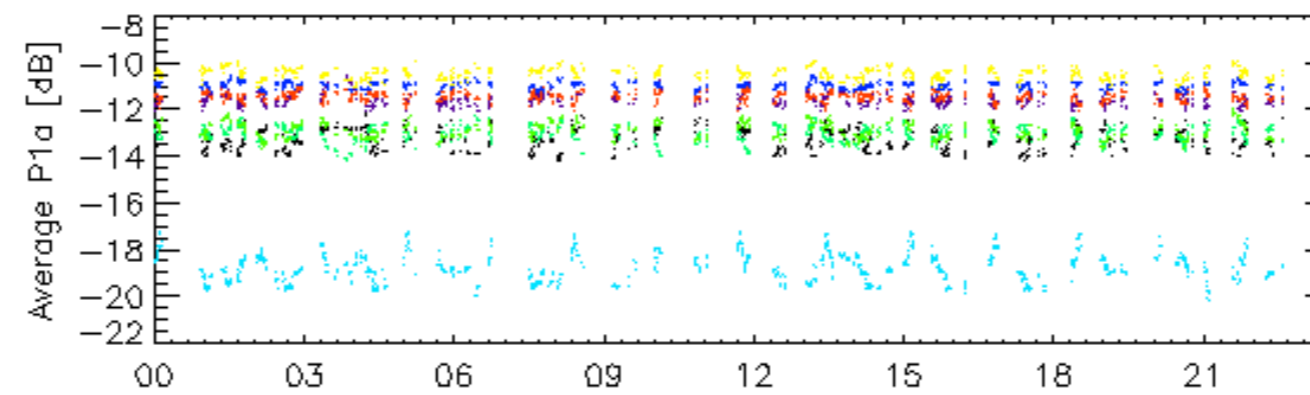
Calibration pulses for GM1 SS3 H/H



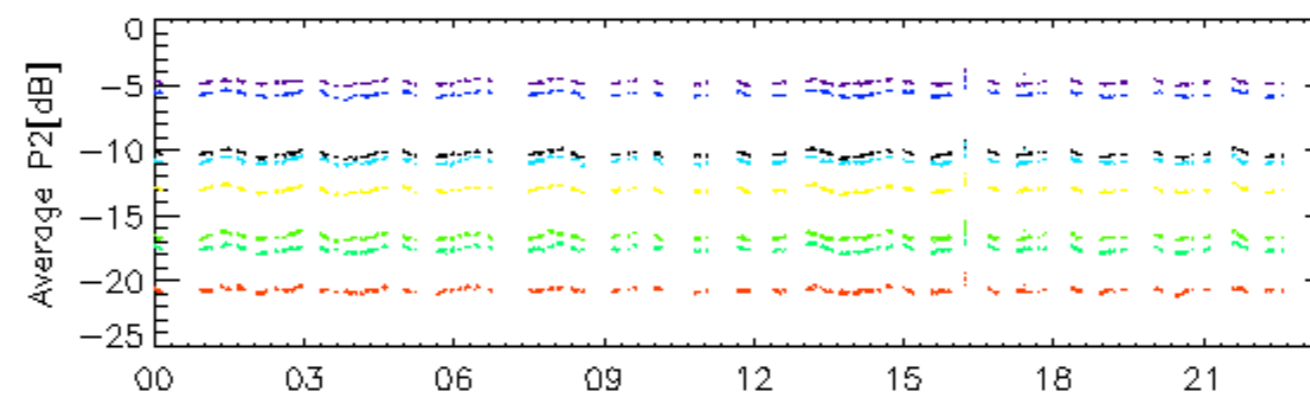
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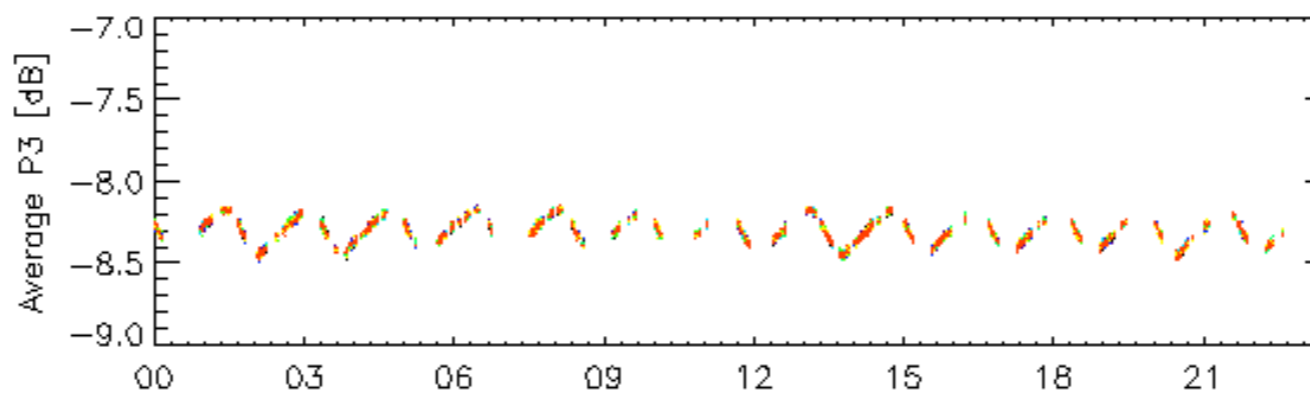
18-Dec



18-Dec



18-Dec

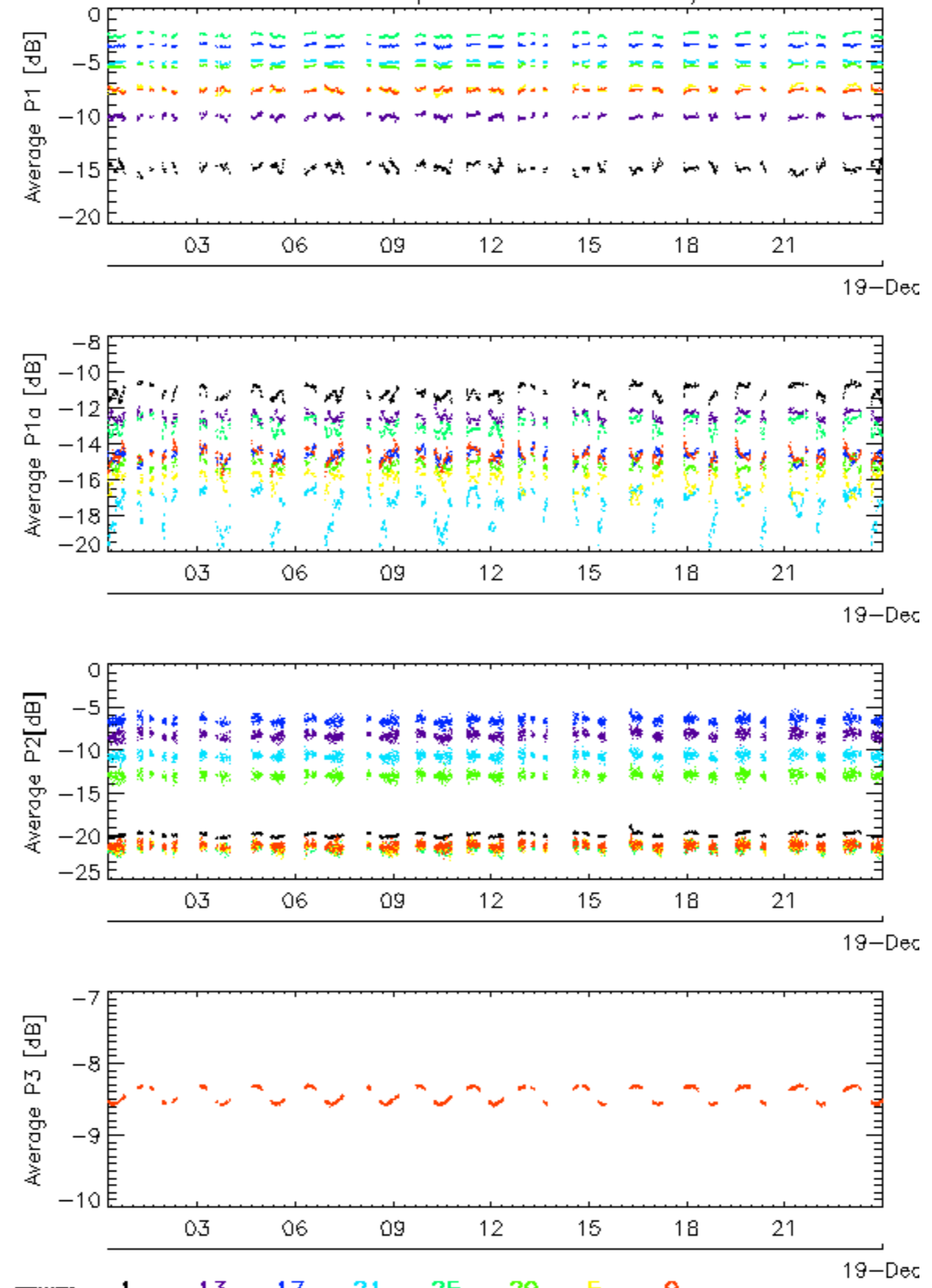


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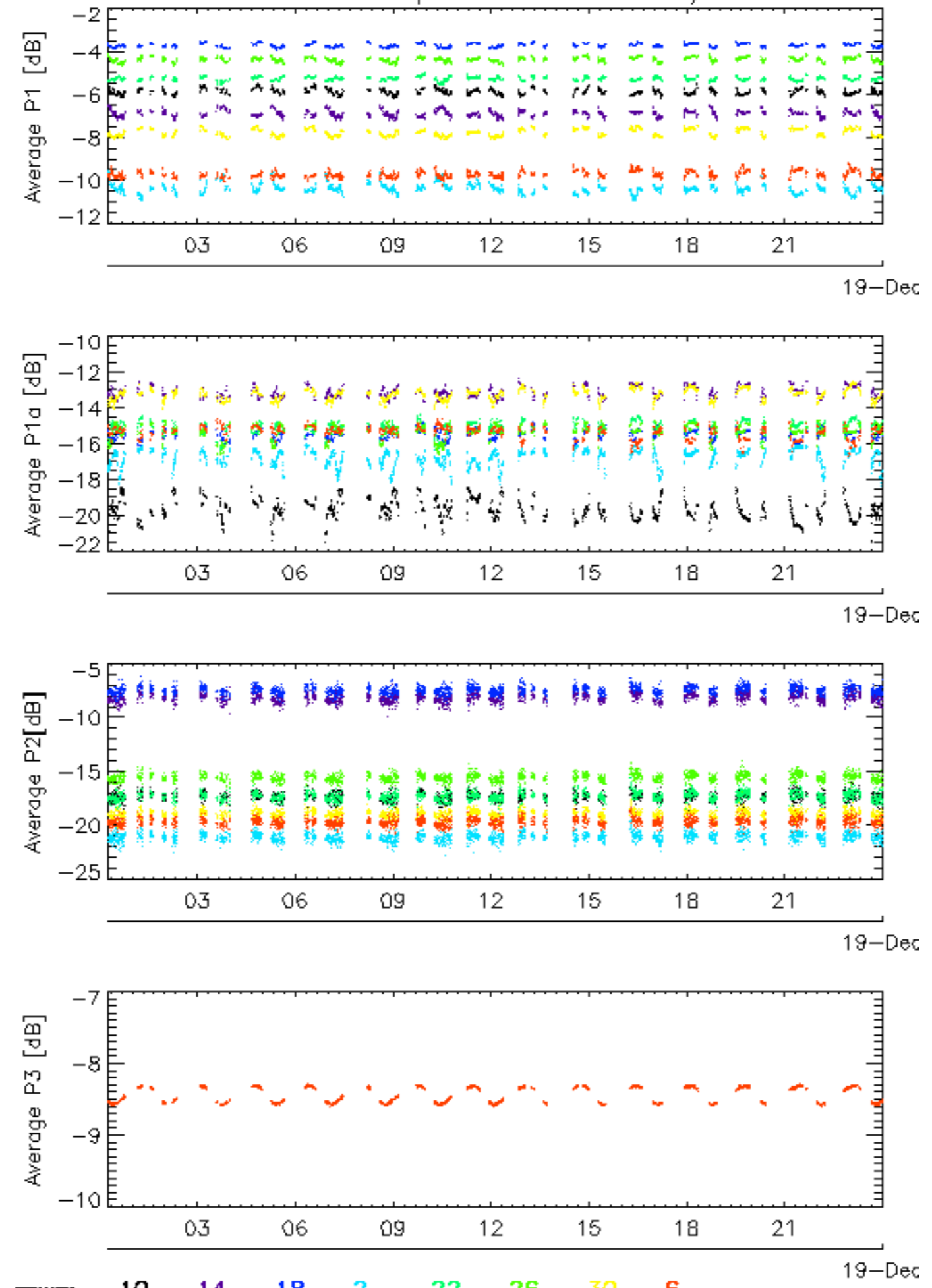
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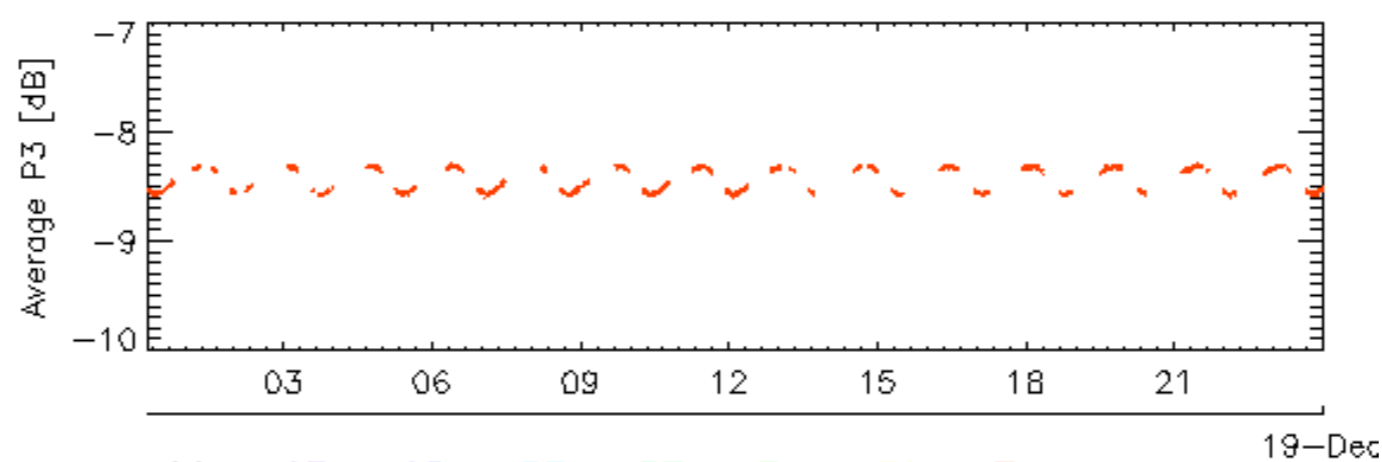
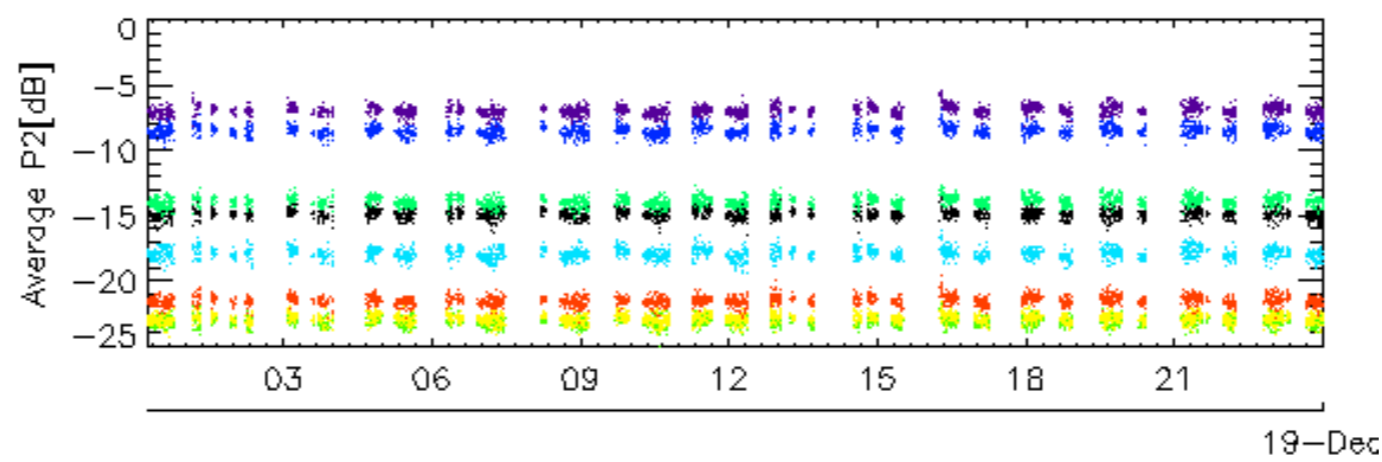
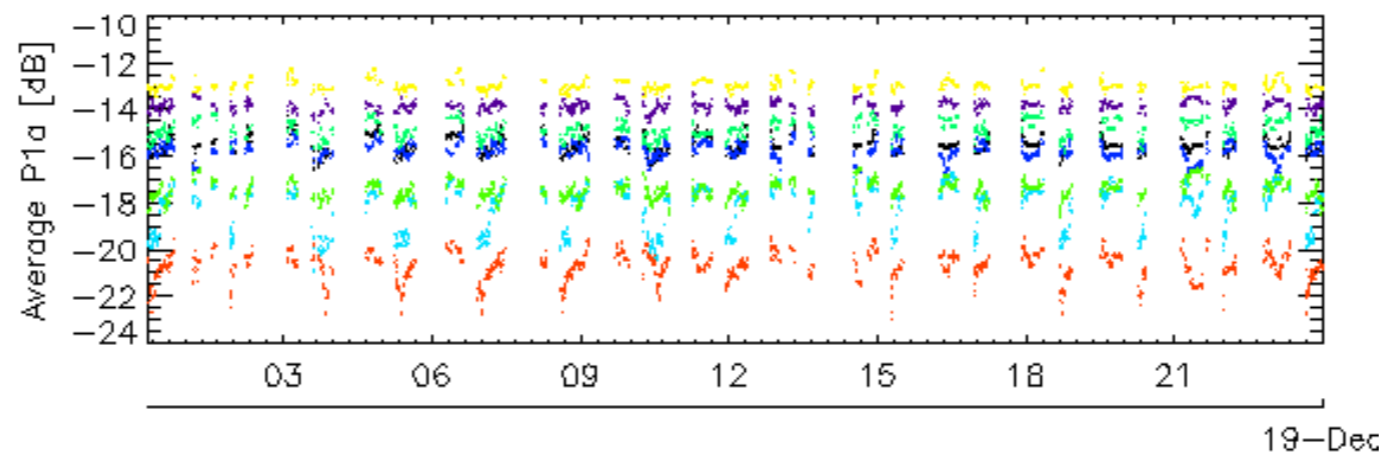
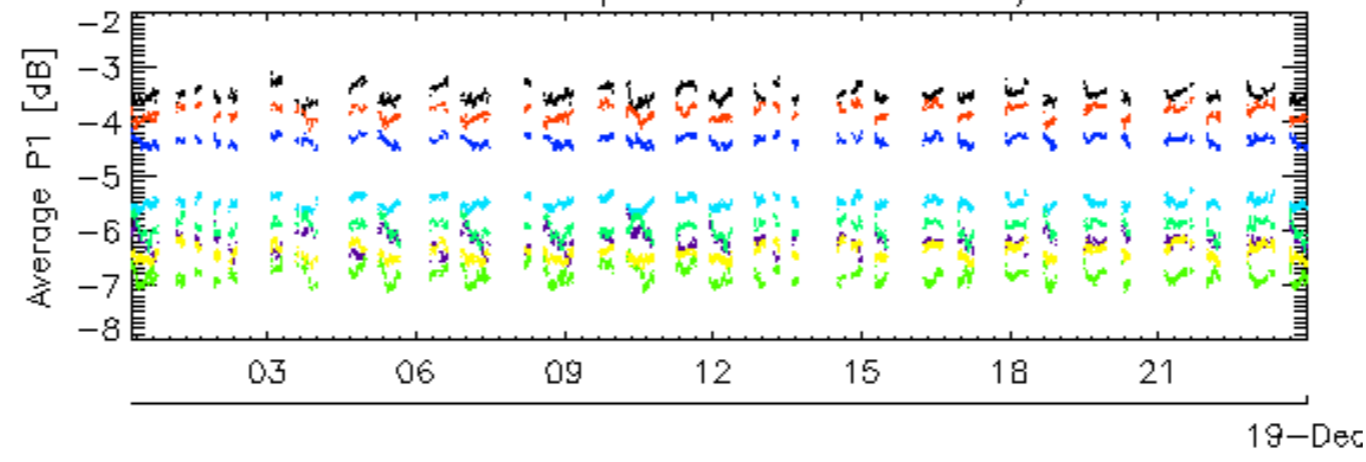
Calibration pulses for WVS IS2 V/V



### Calibration pulses for WVS IS2 V/V



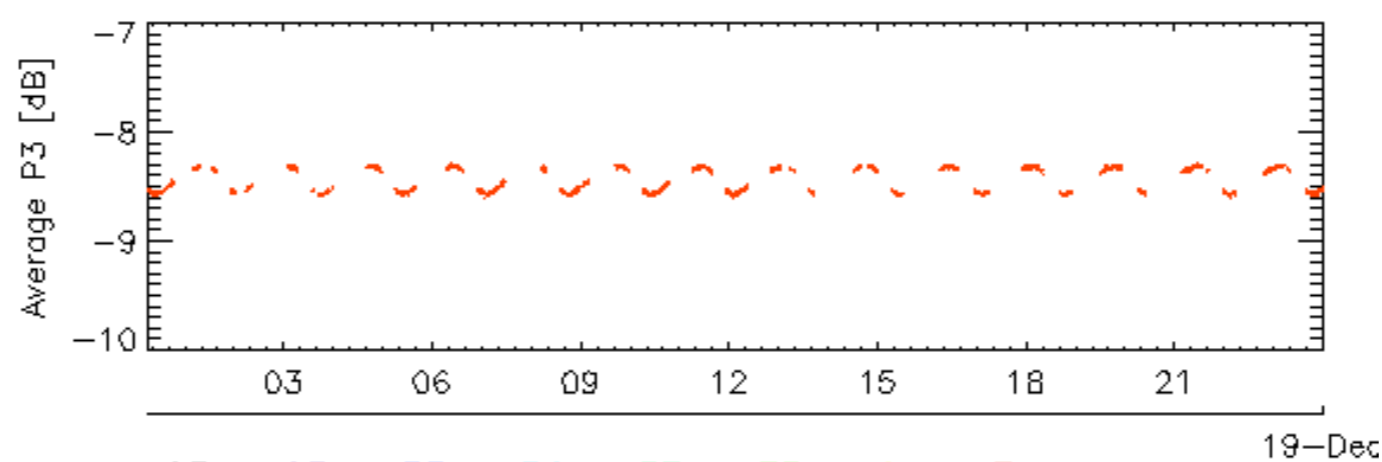
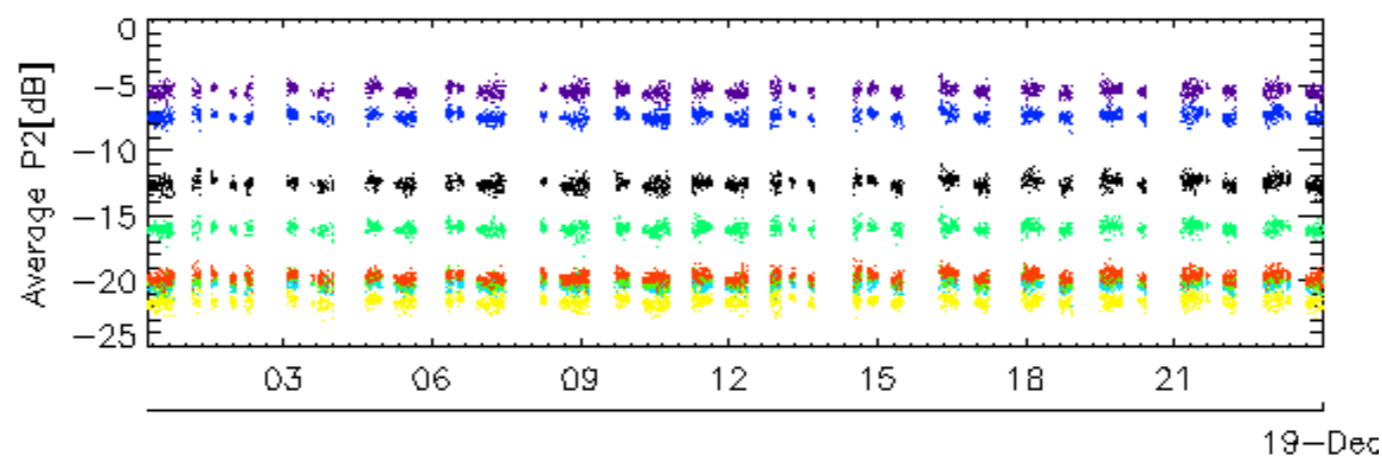
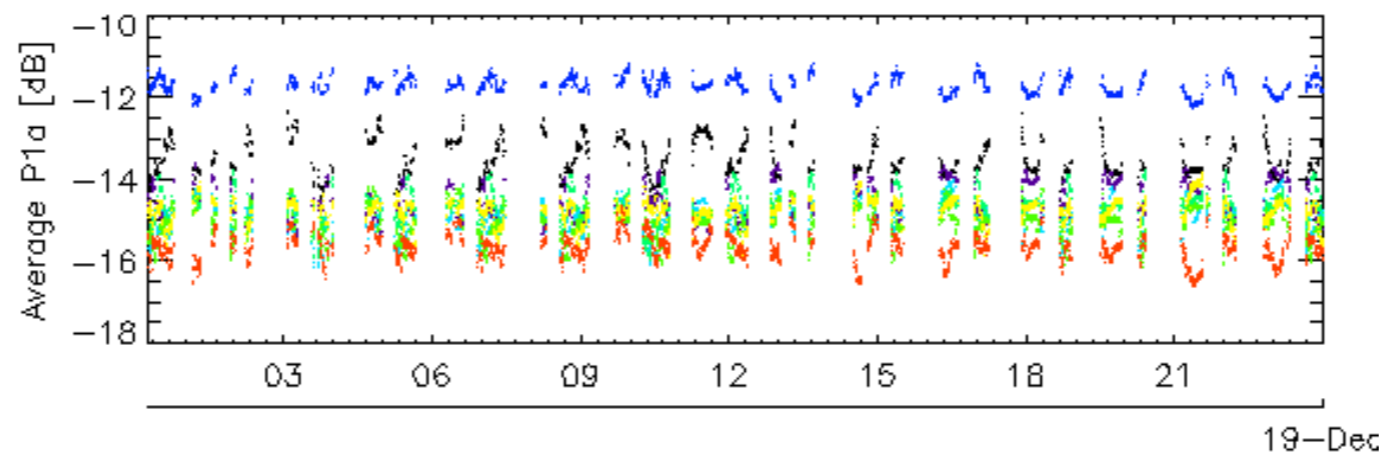
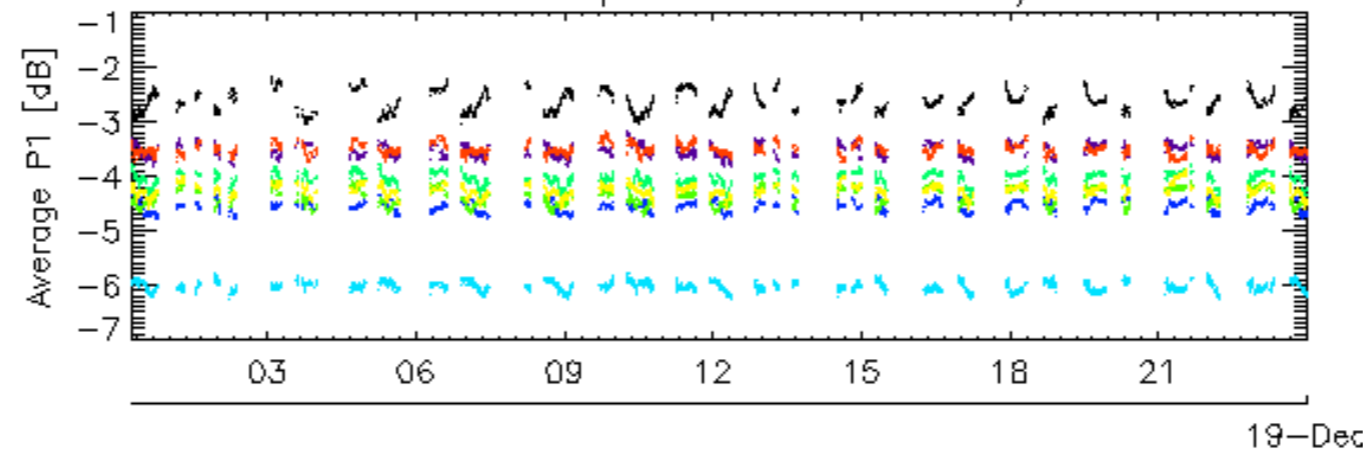
Calibration pulses for WVS IS2 V/V



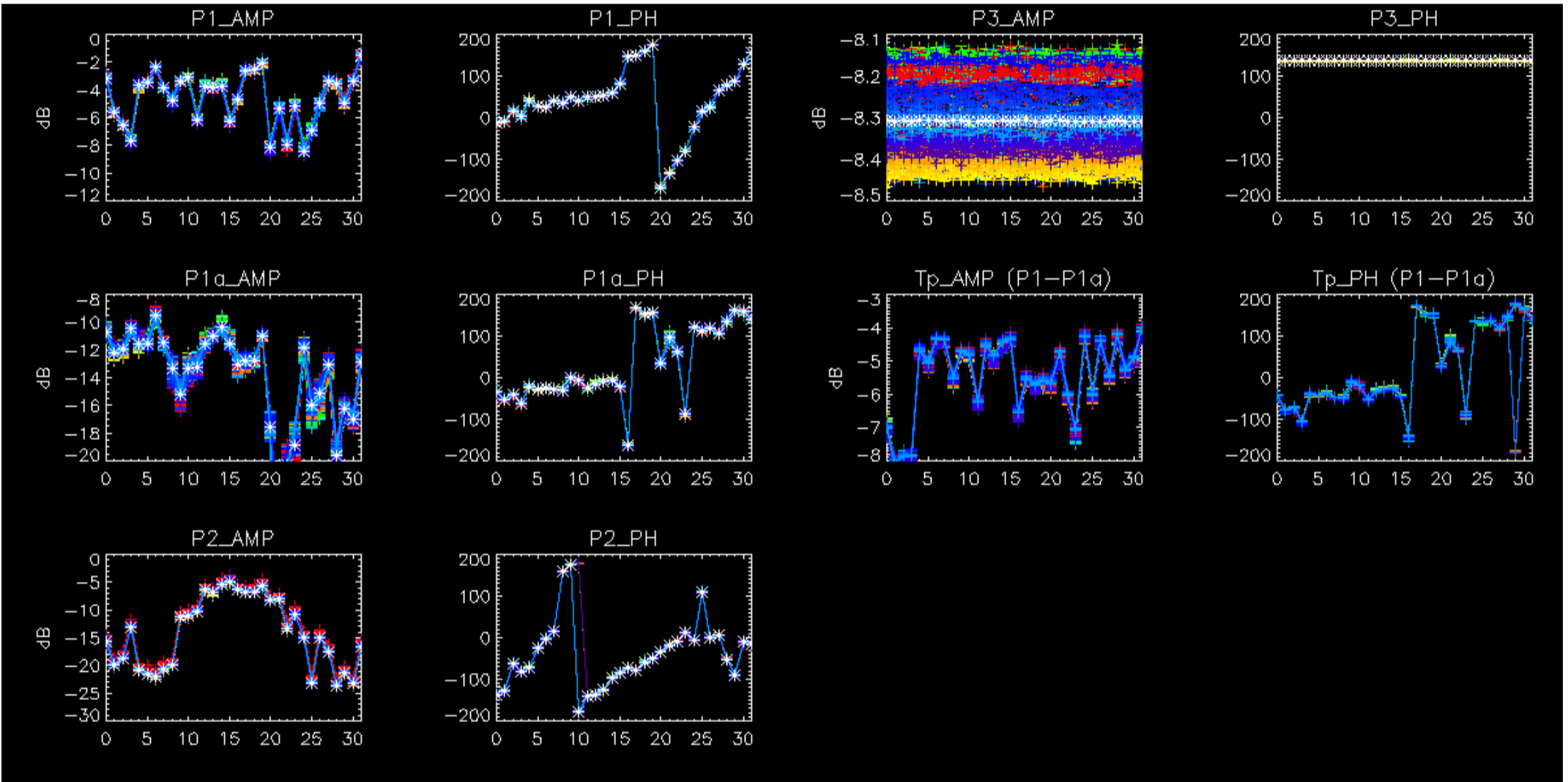
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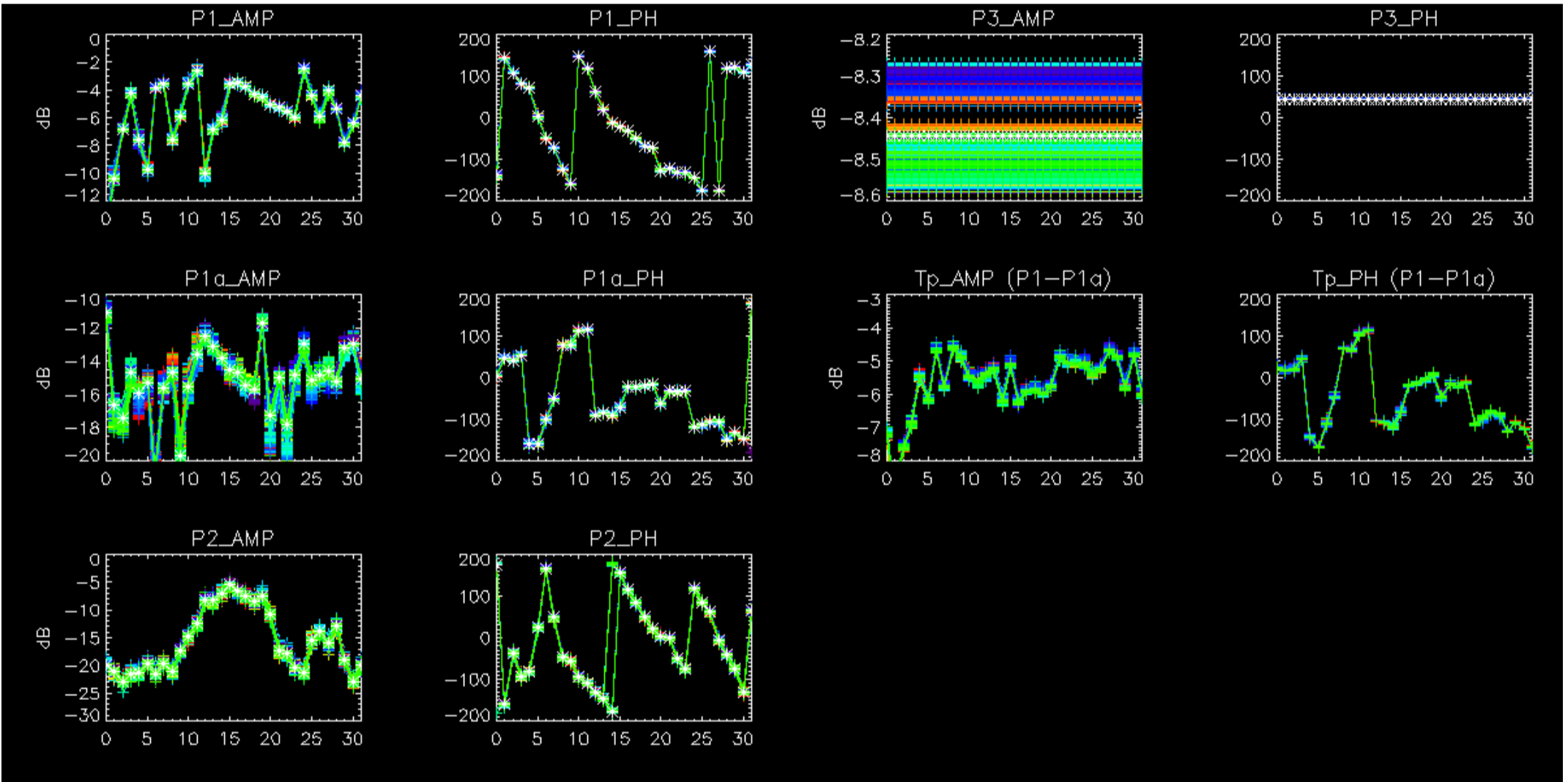


Calibration pulses for WVS IS2 V/V

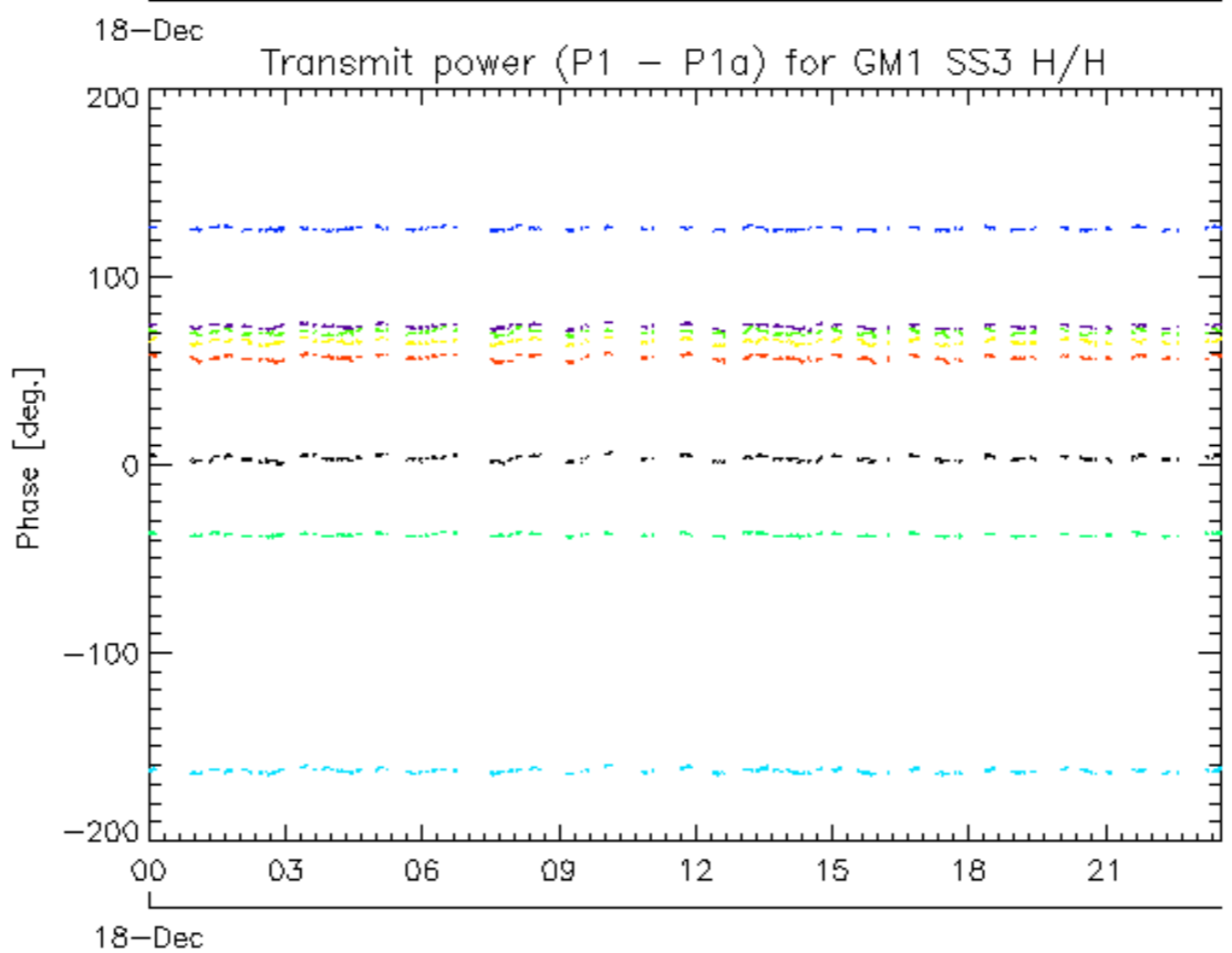
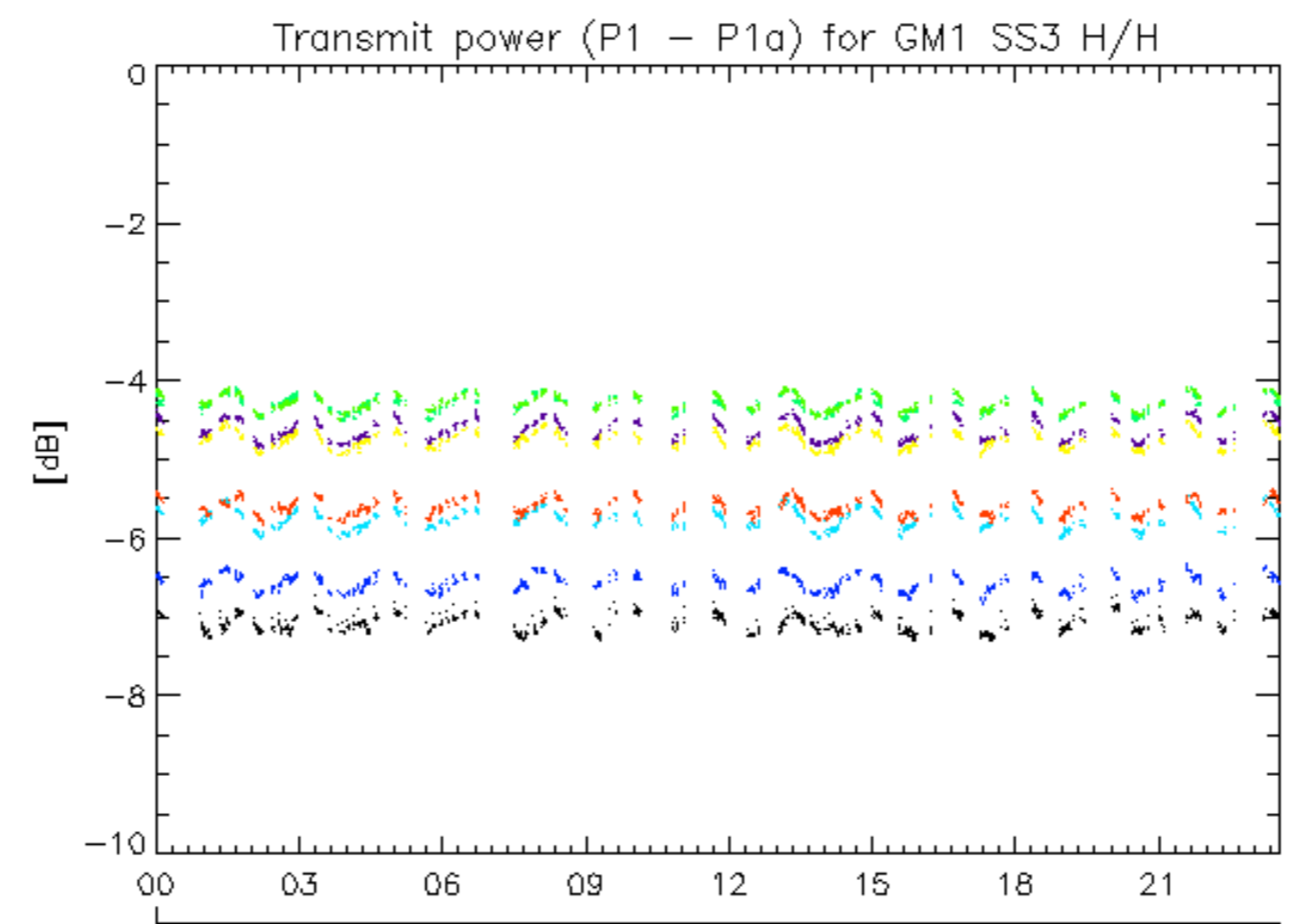


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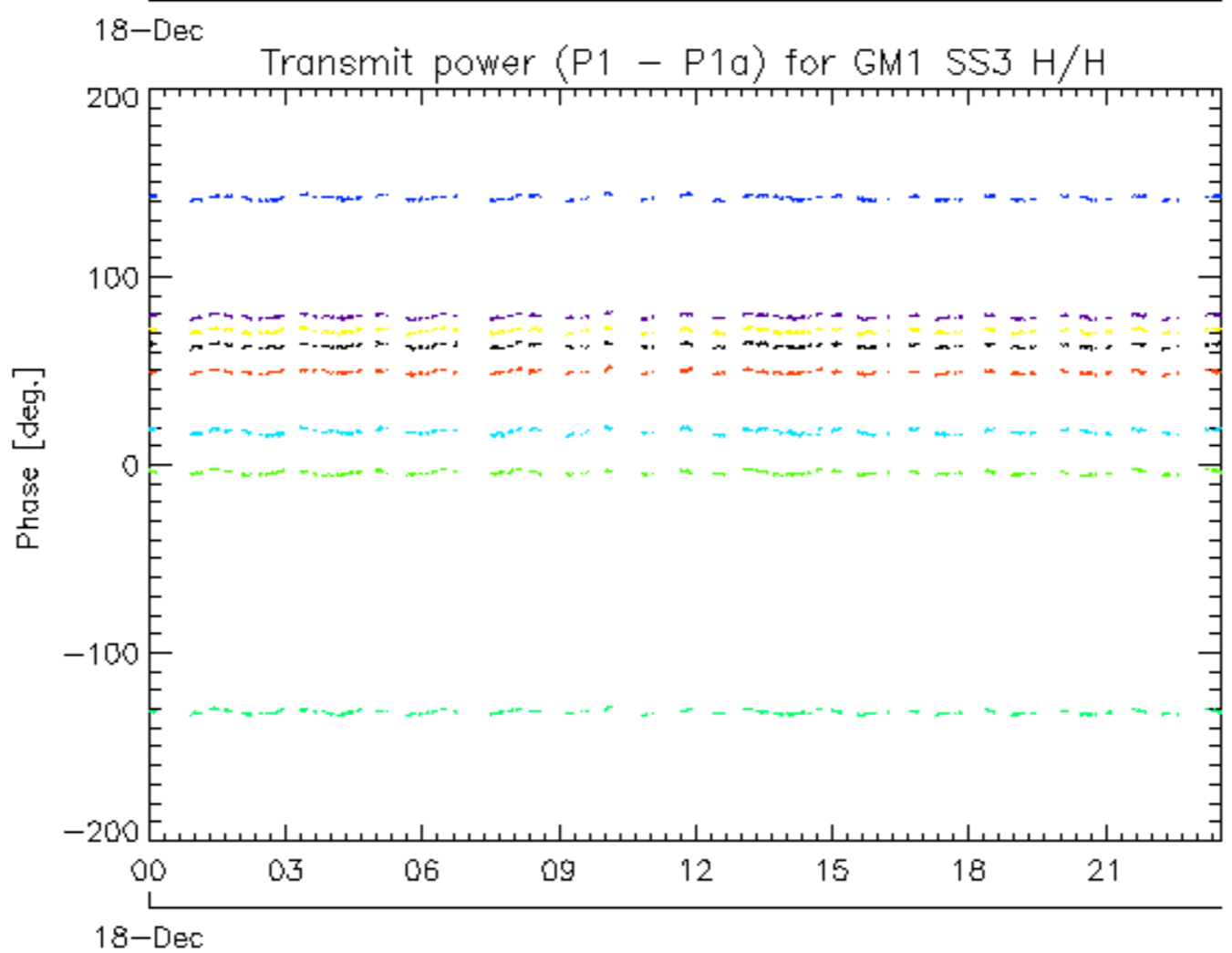
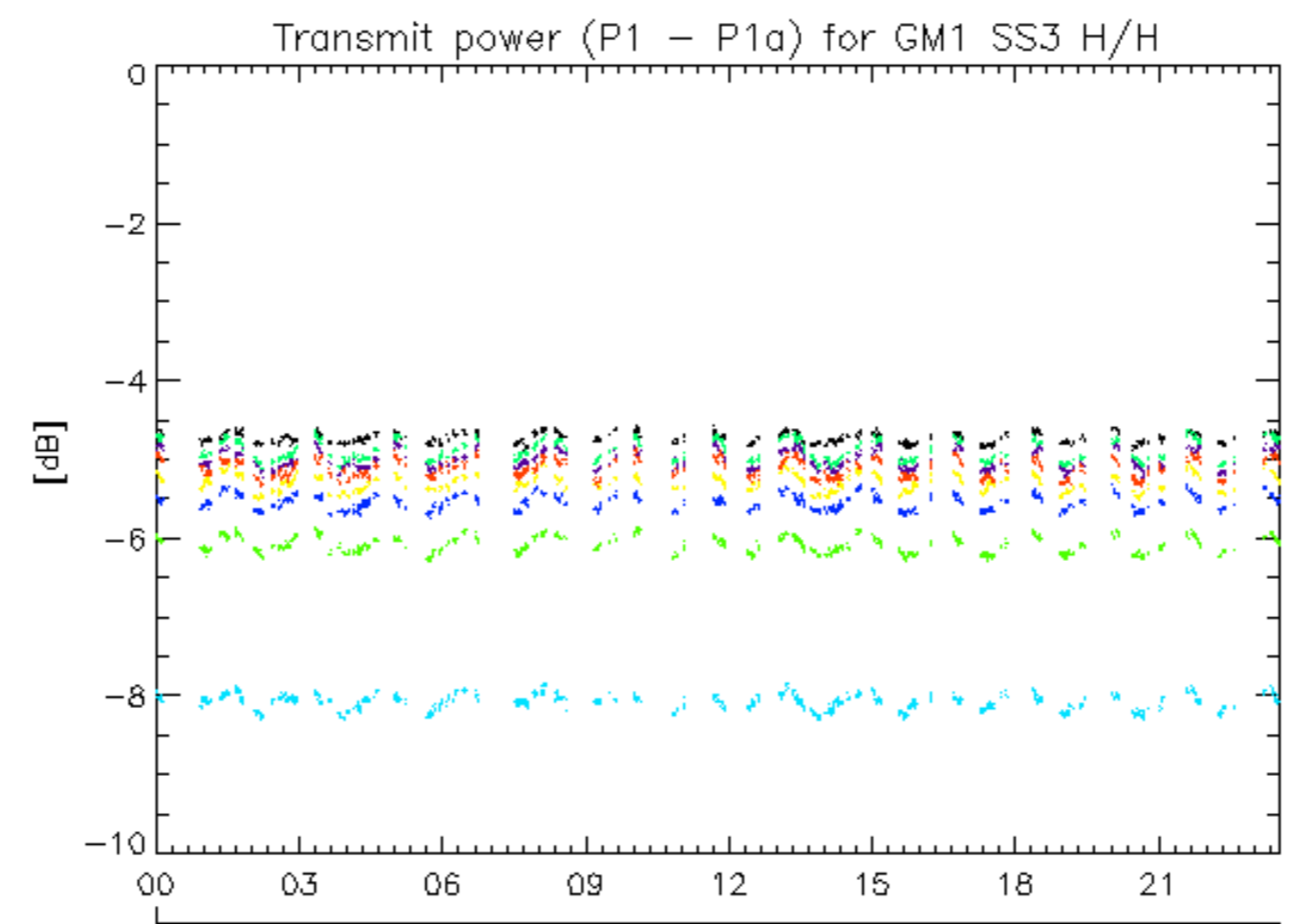




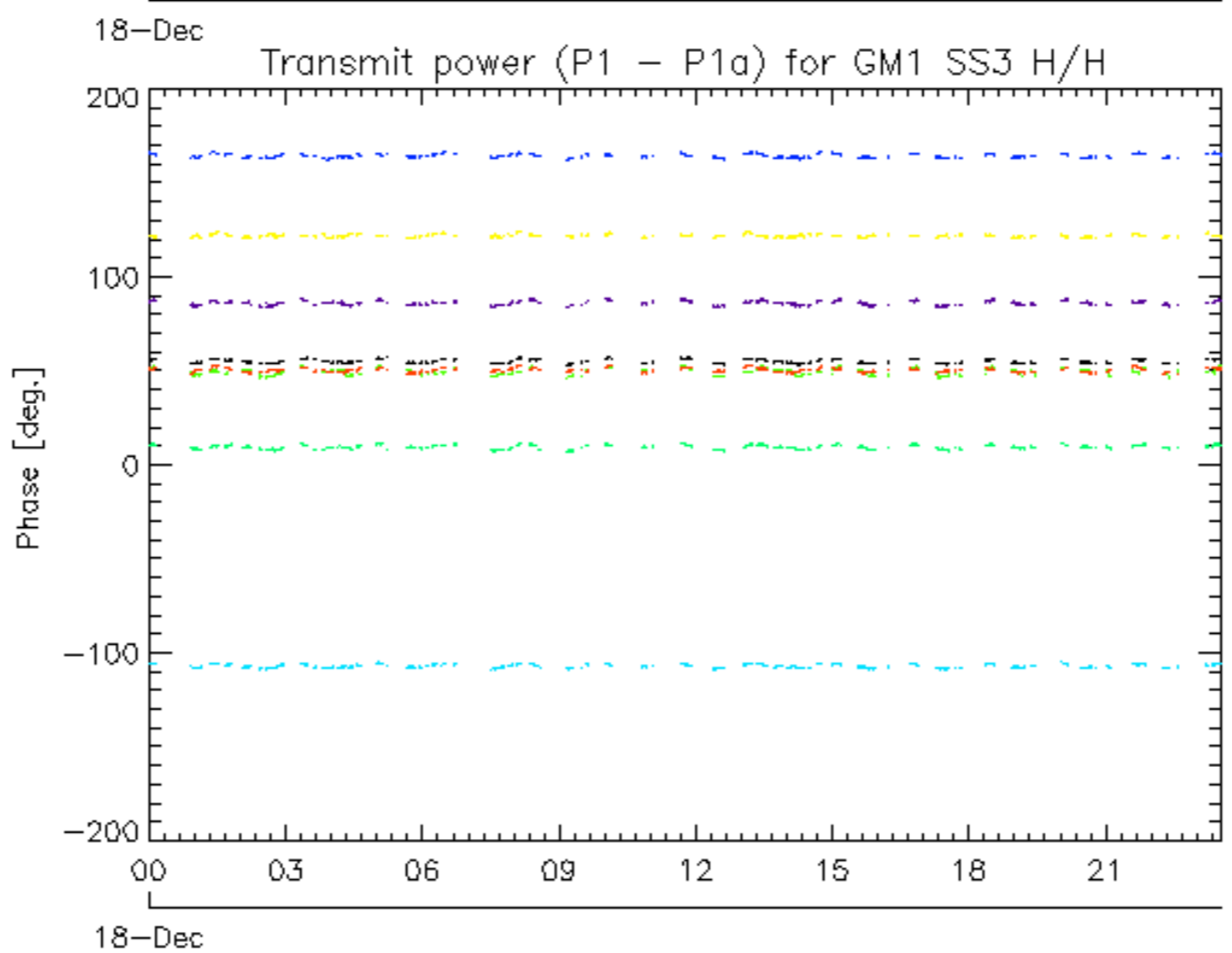
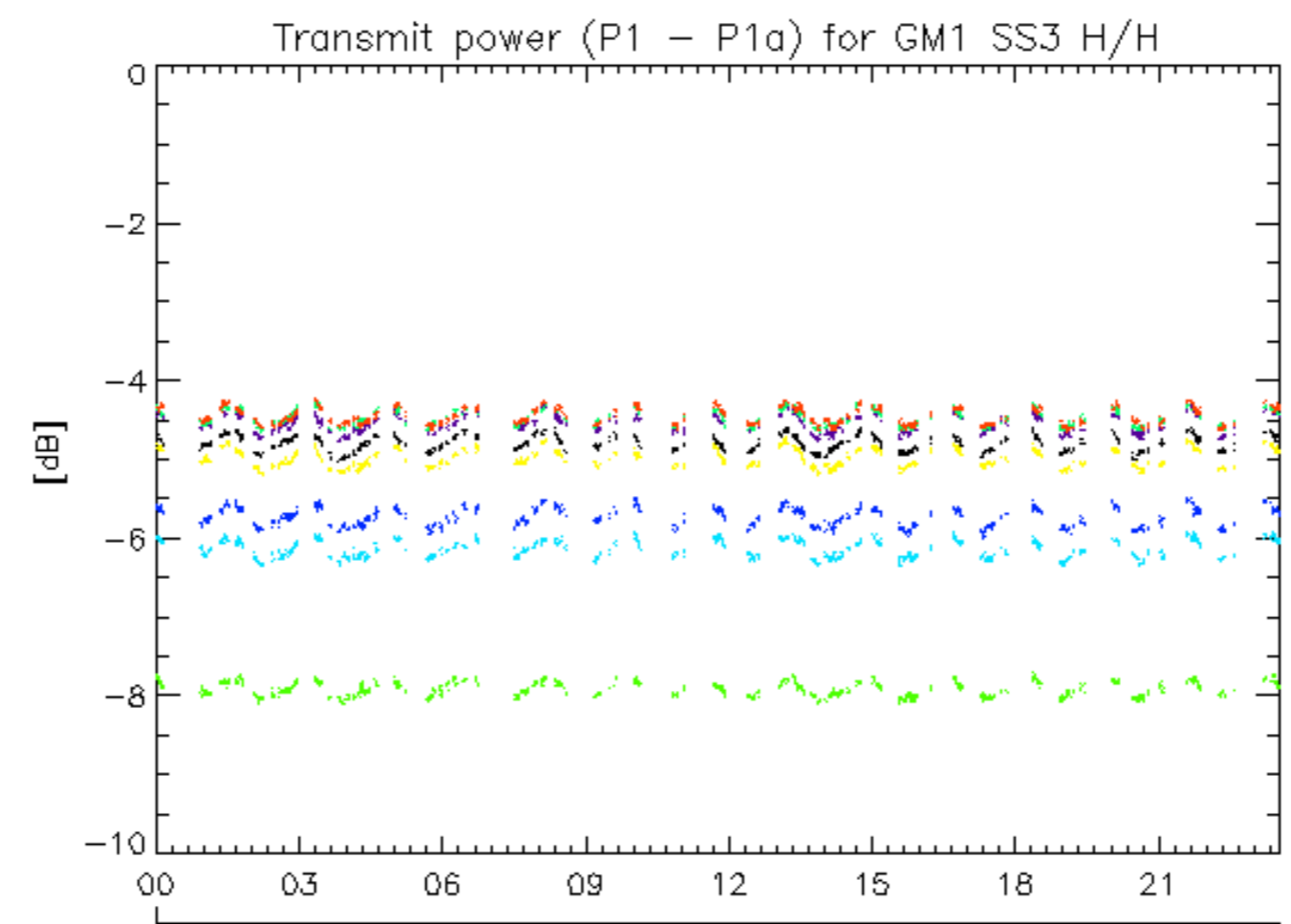




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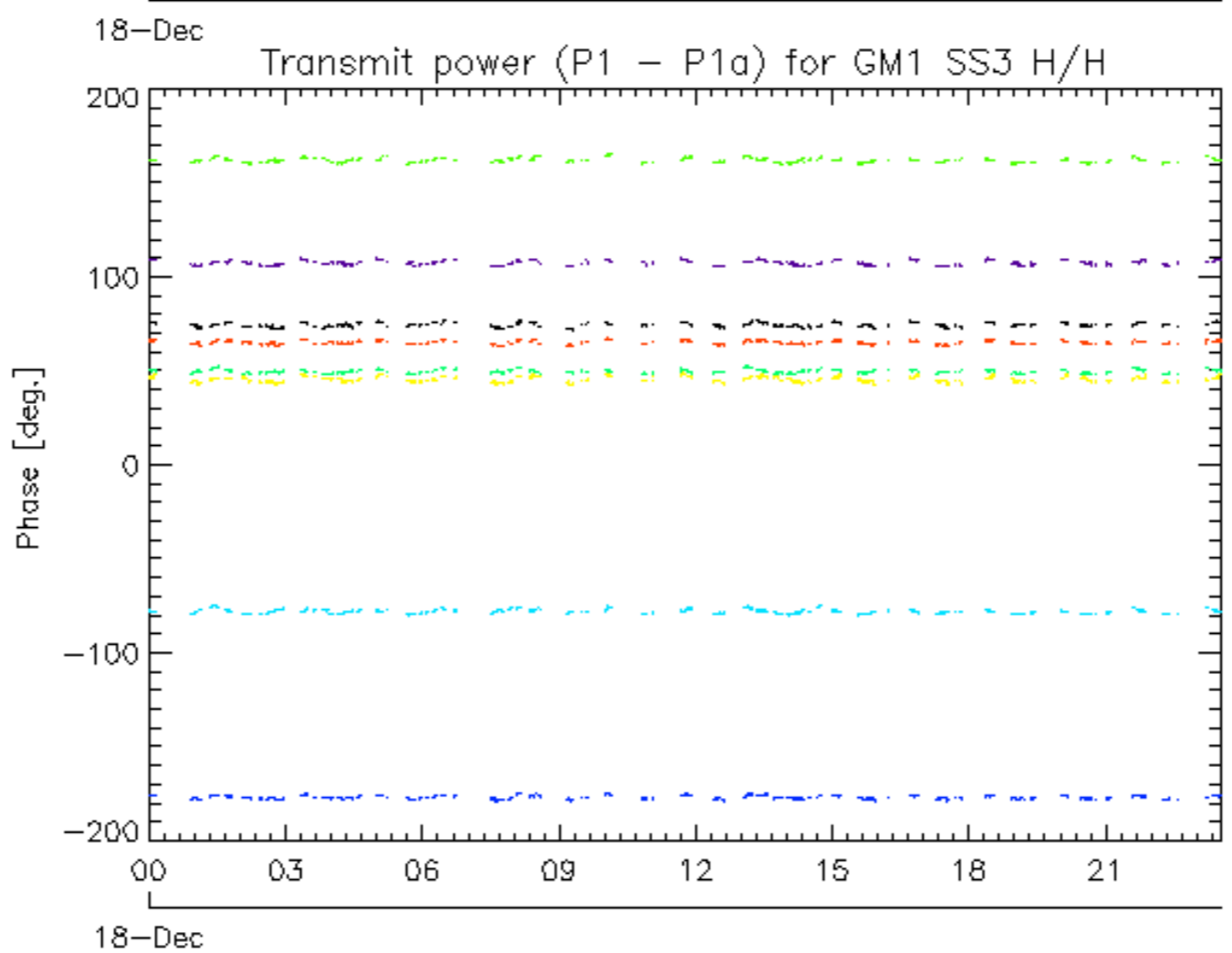
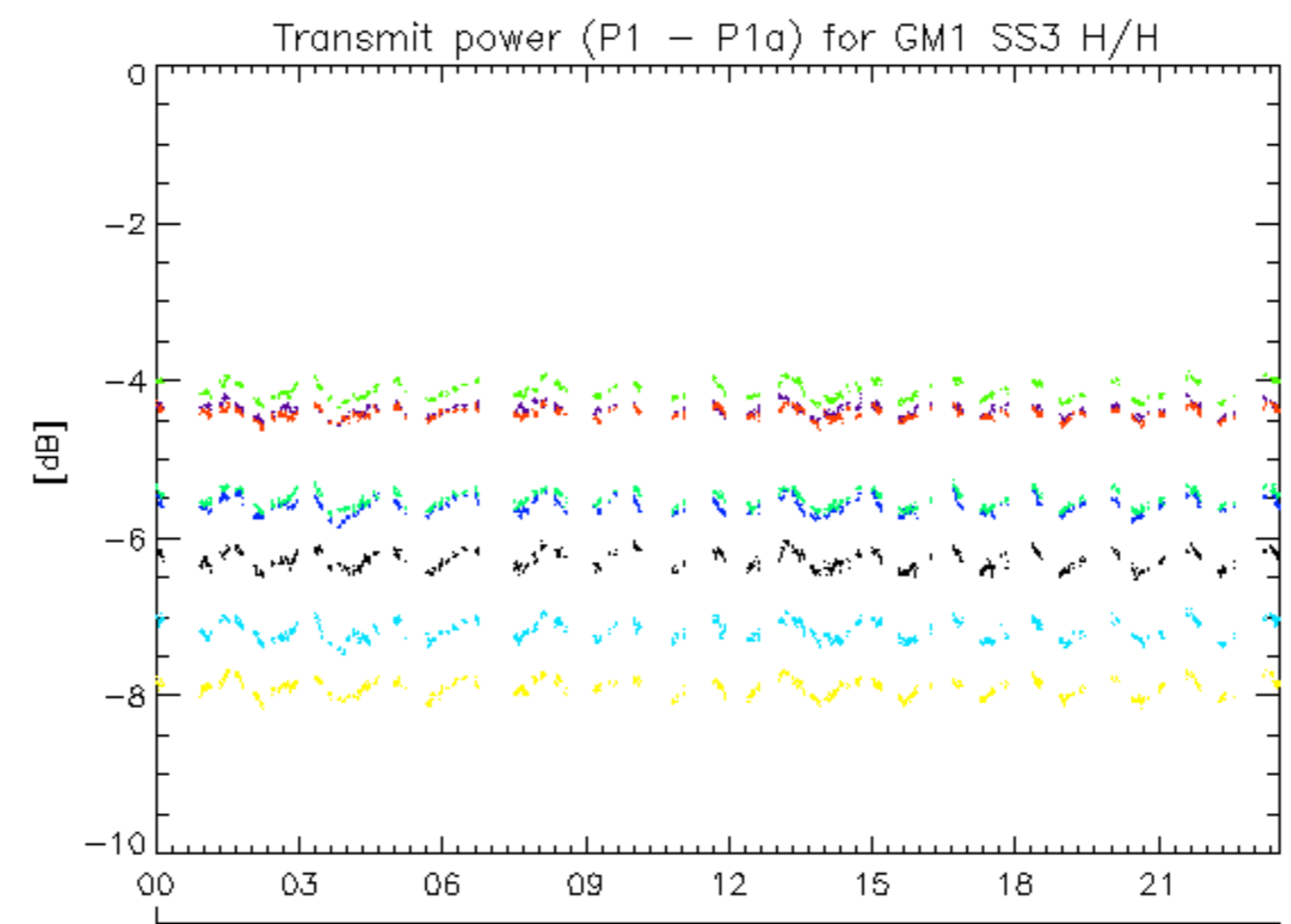


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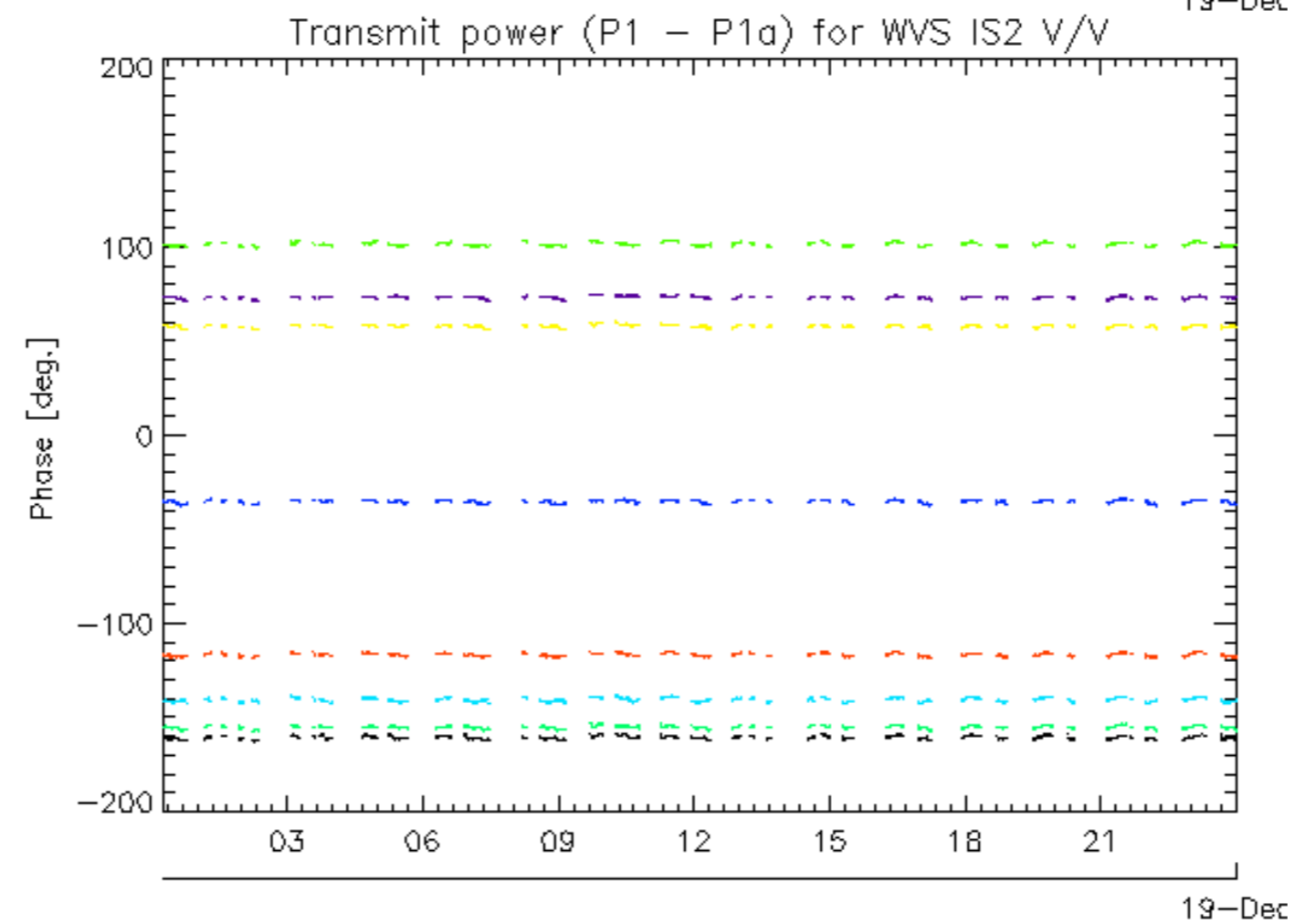
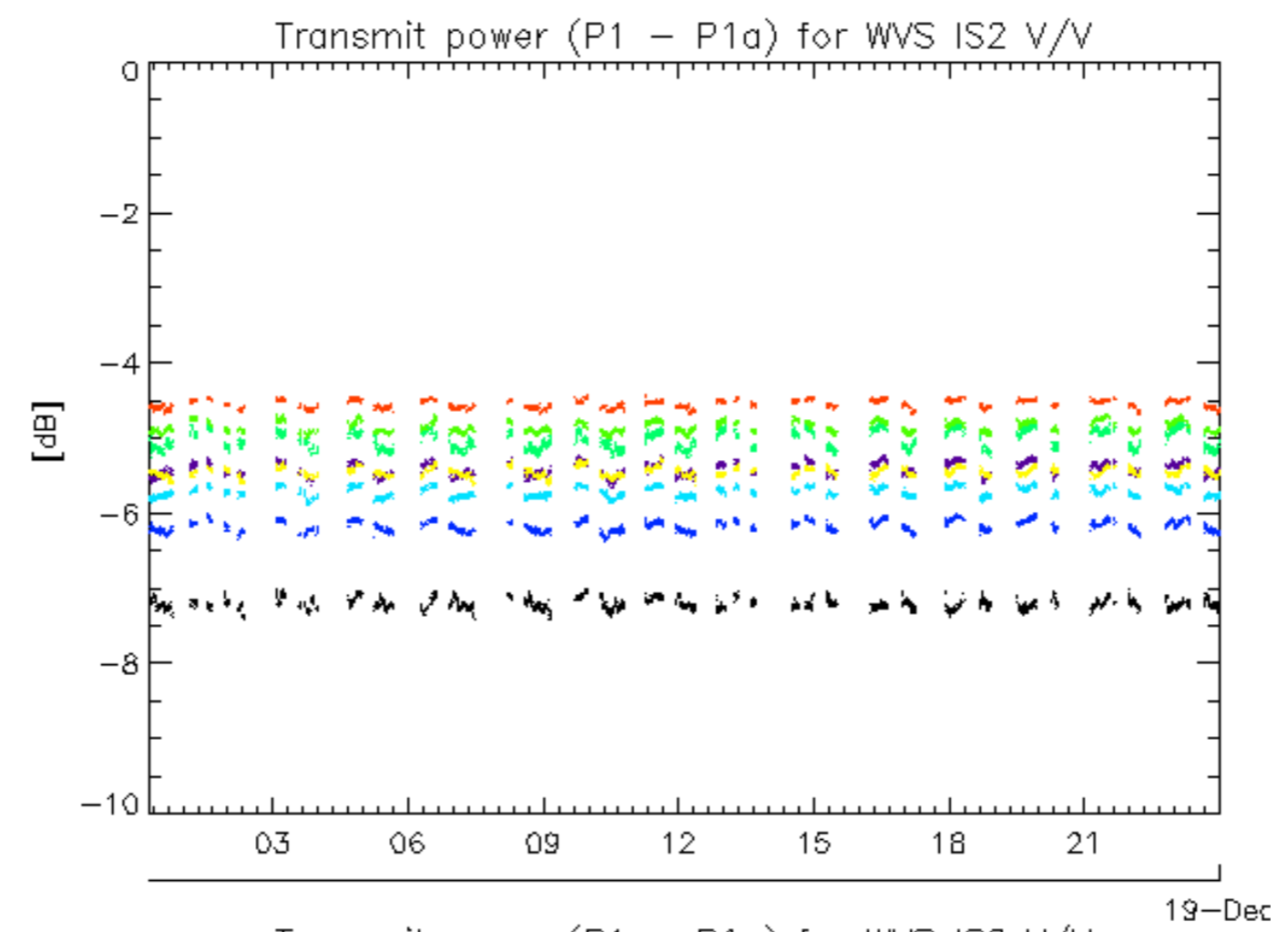


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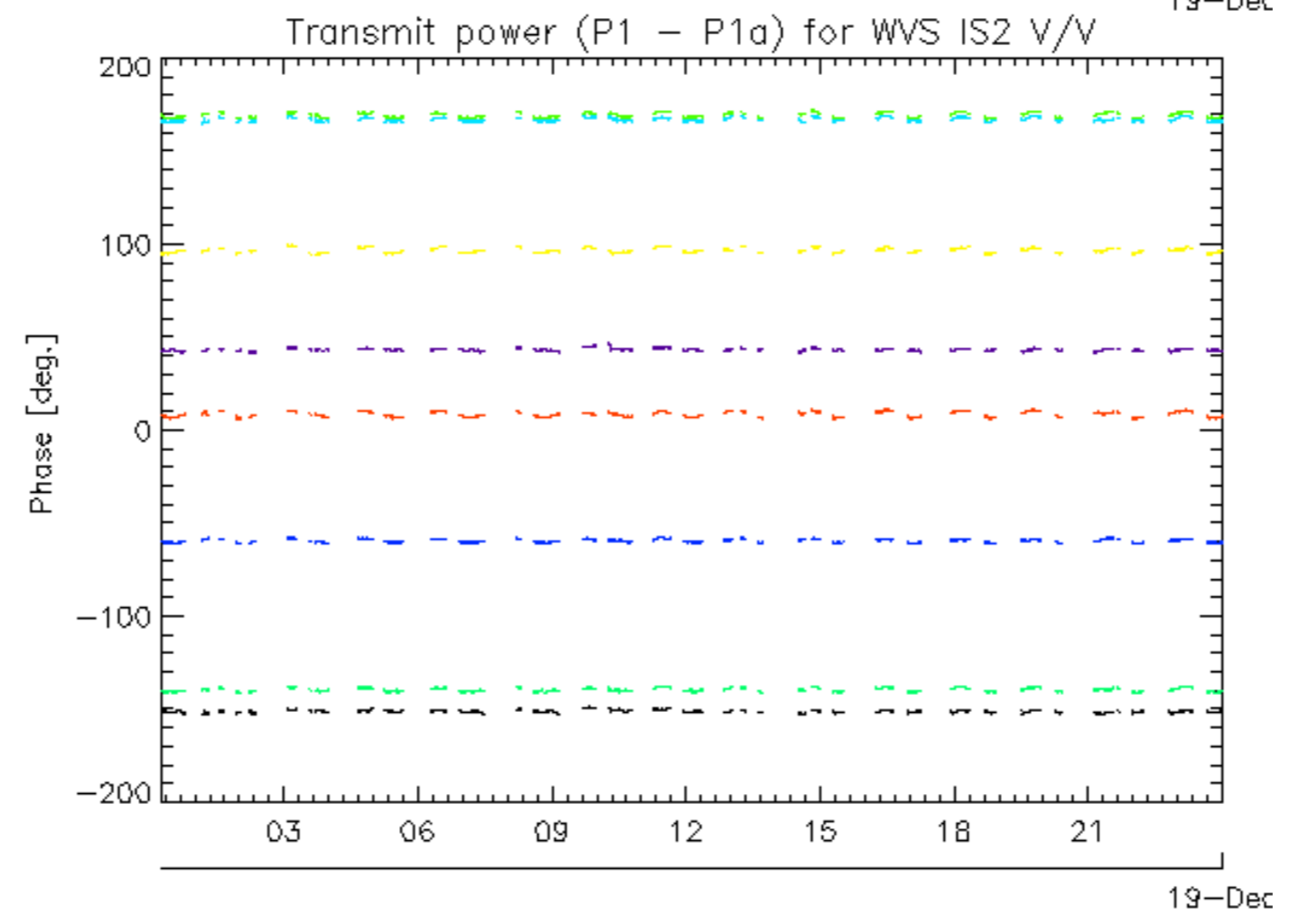
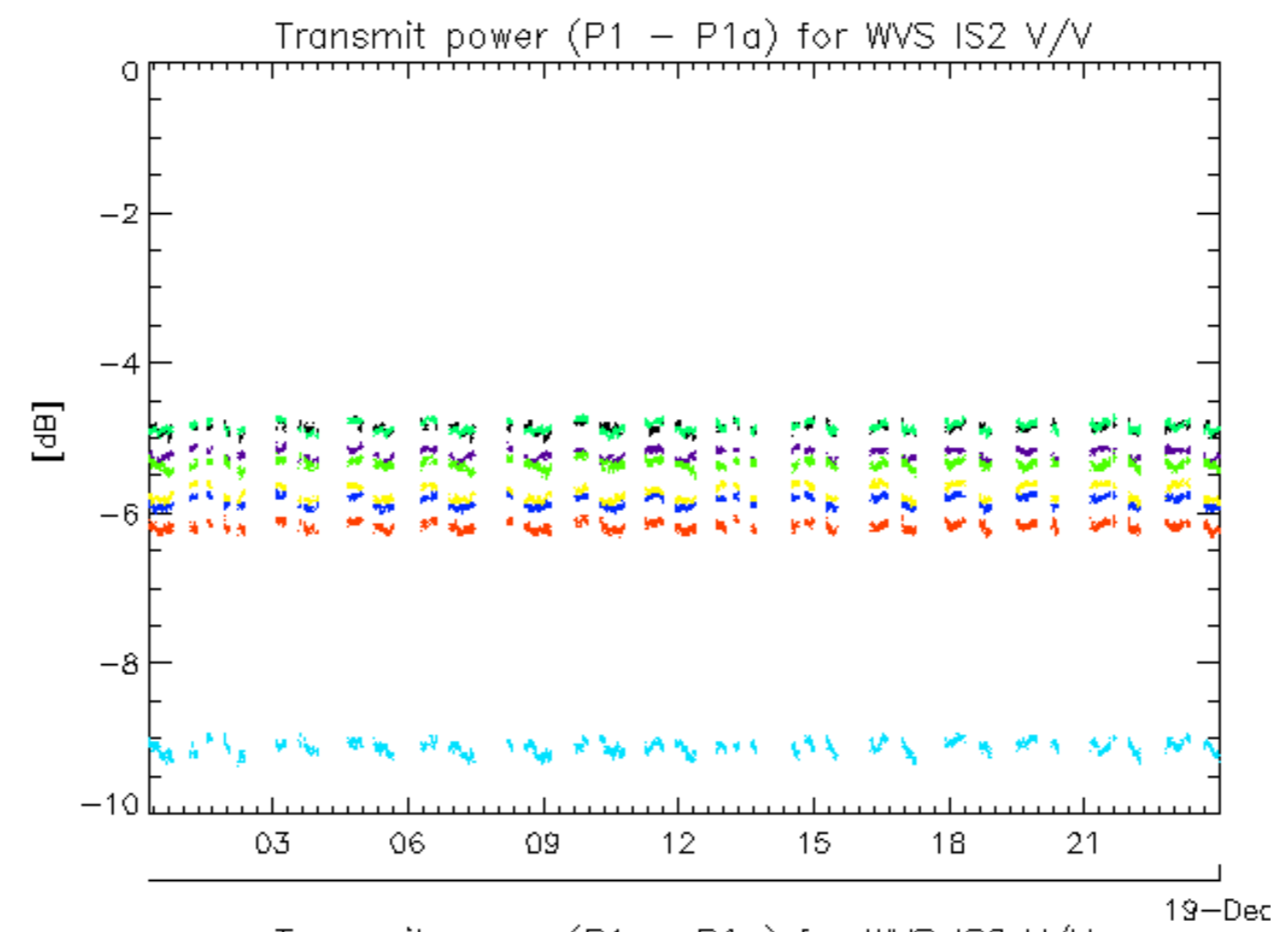




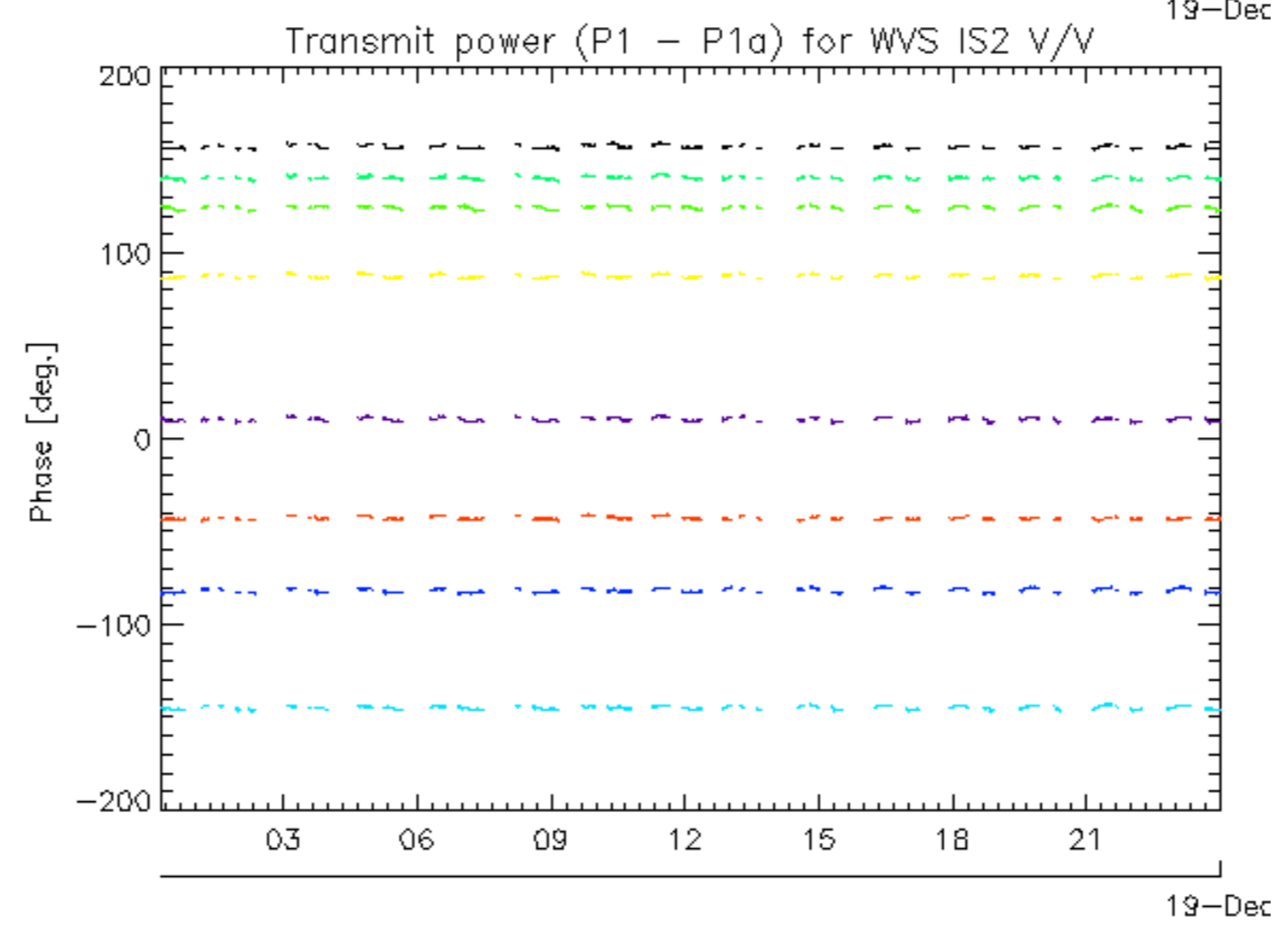
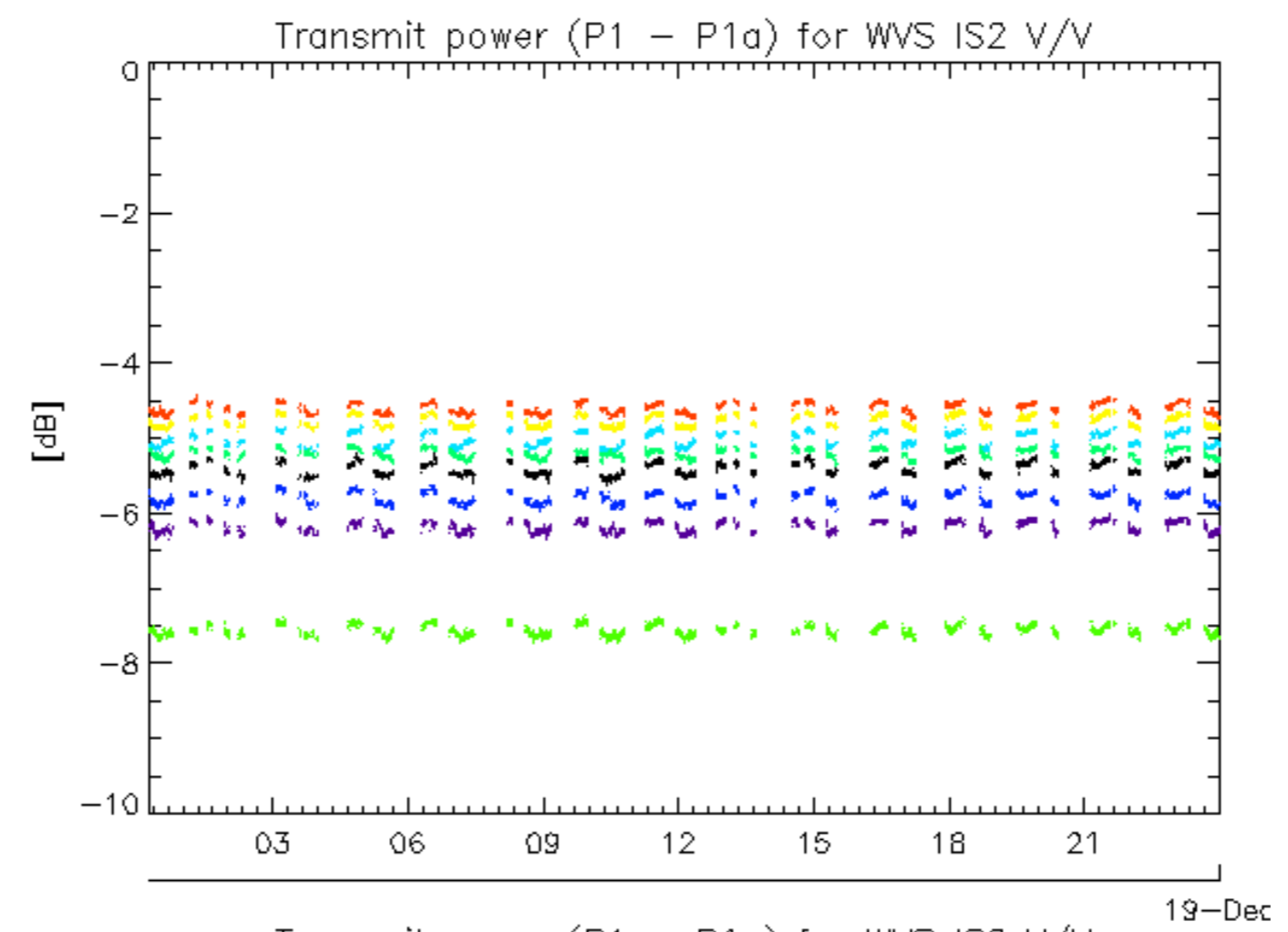
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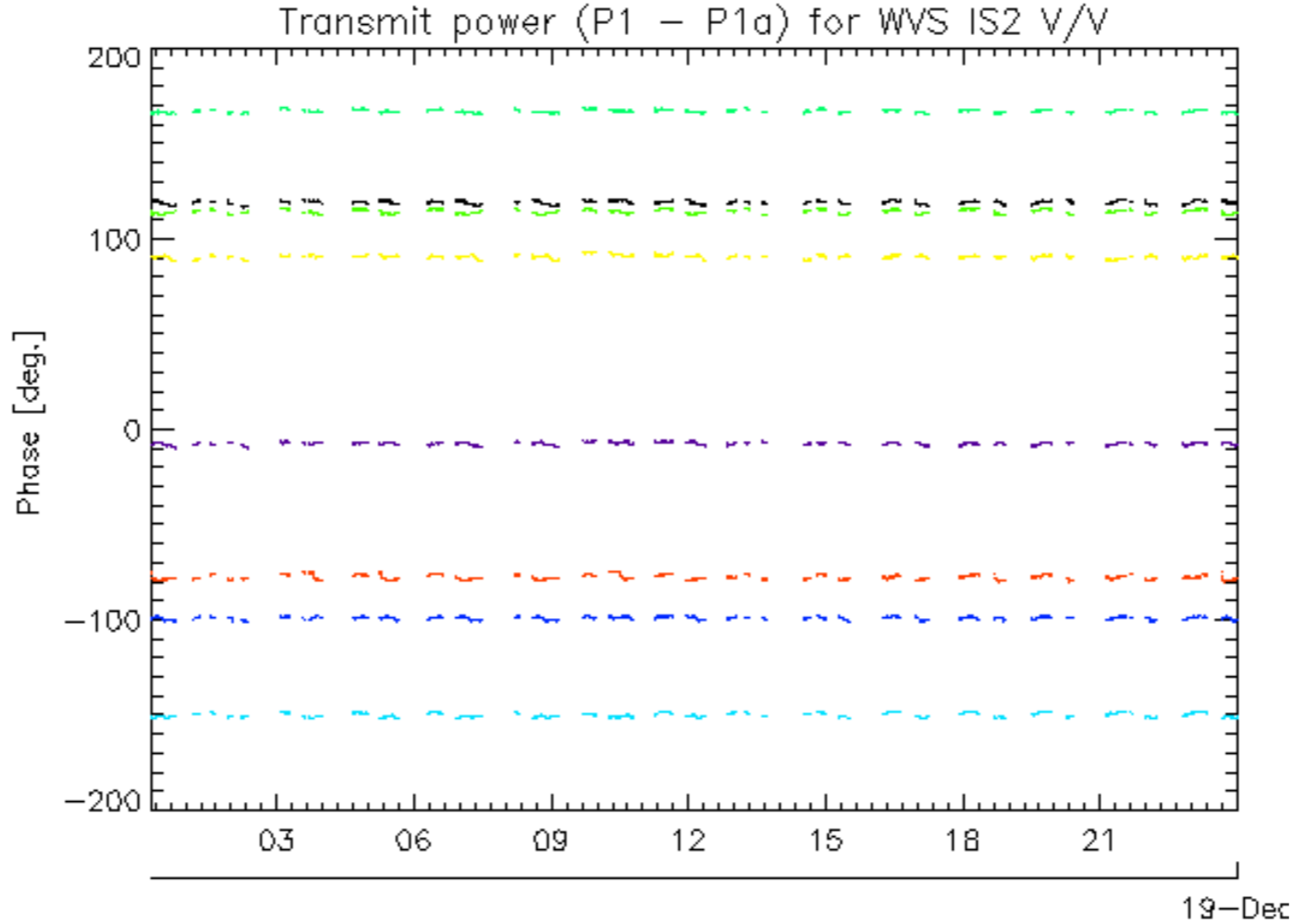
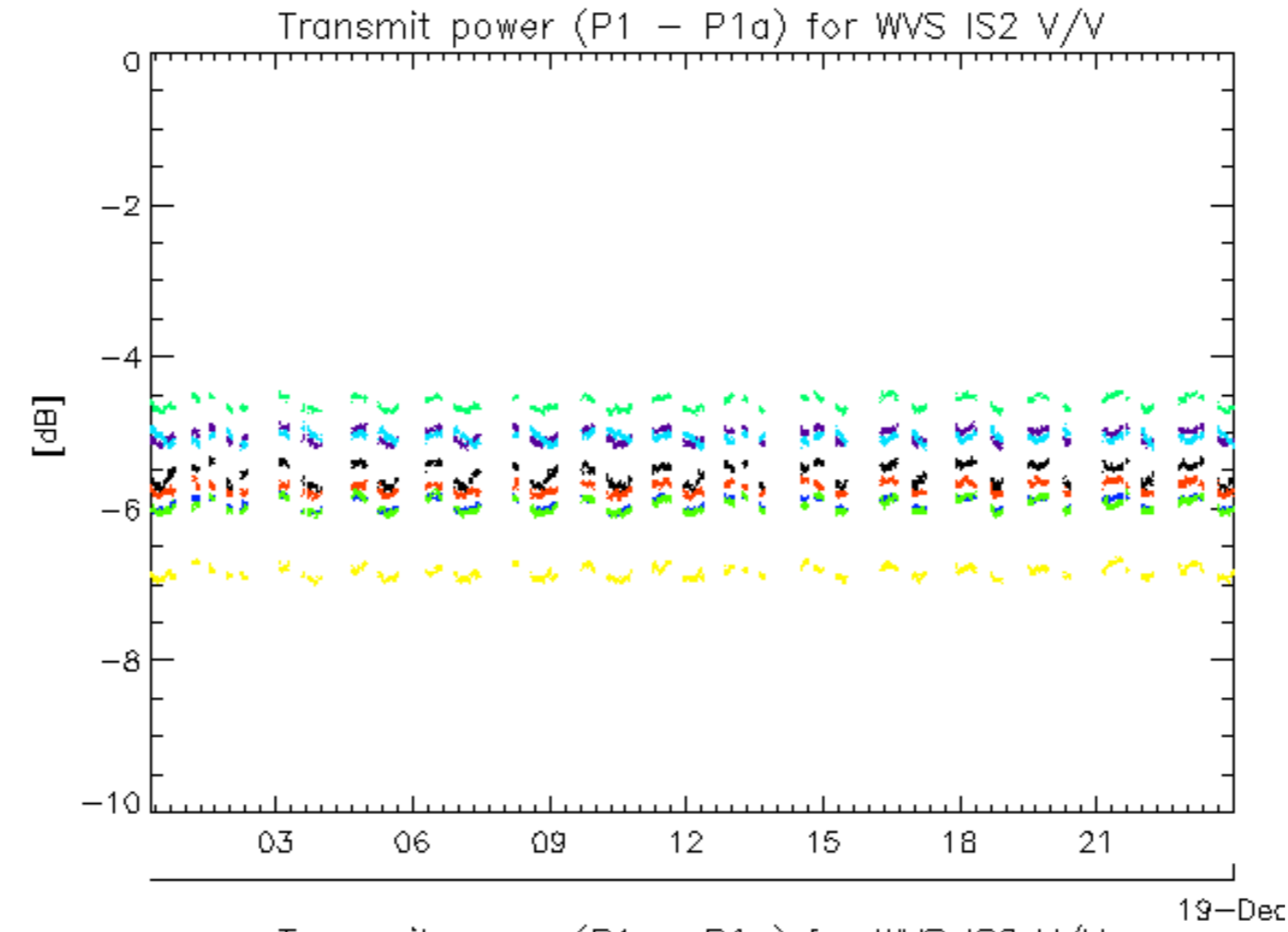


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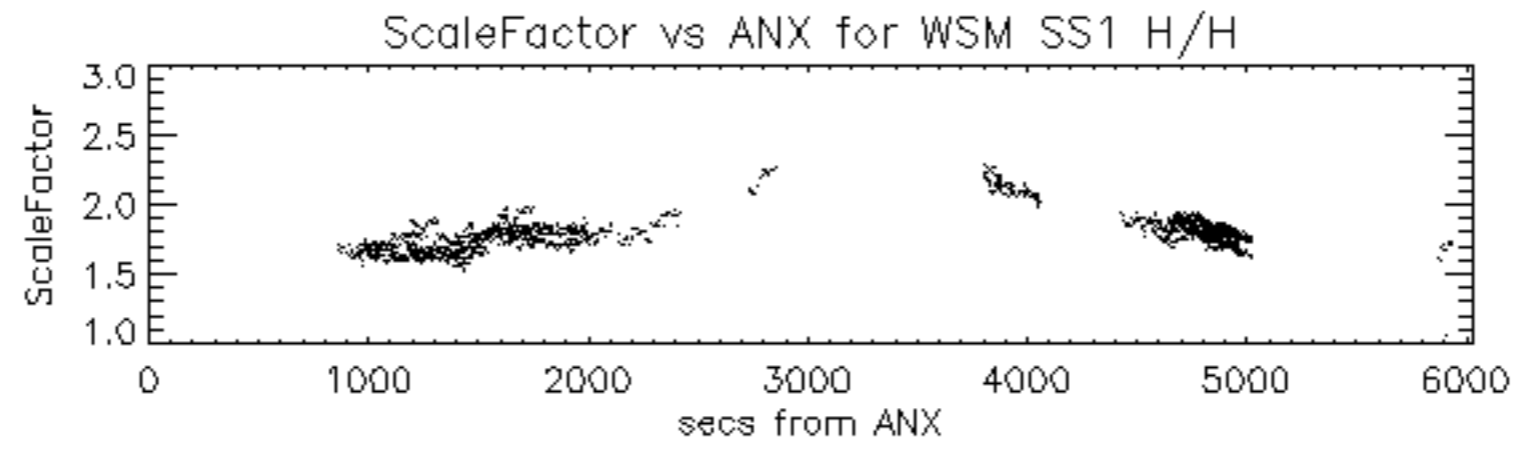


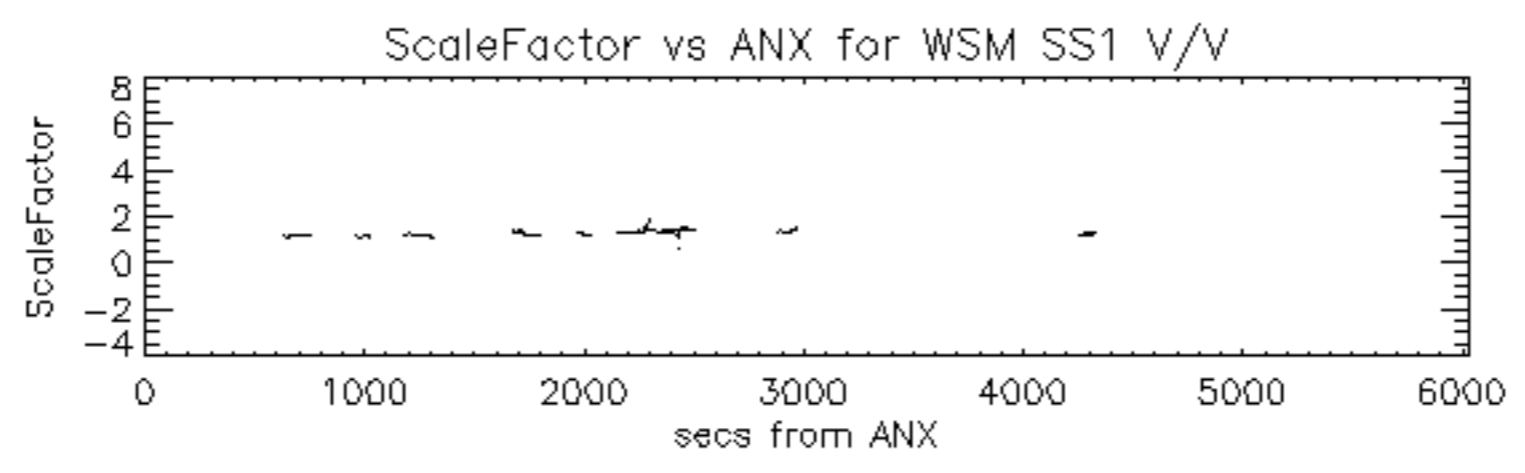
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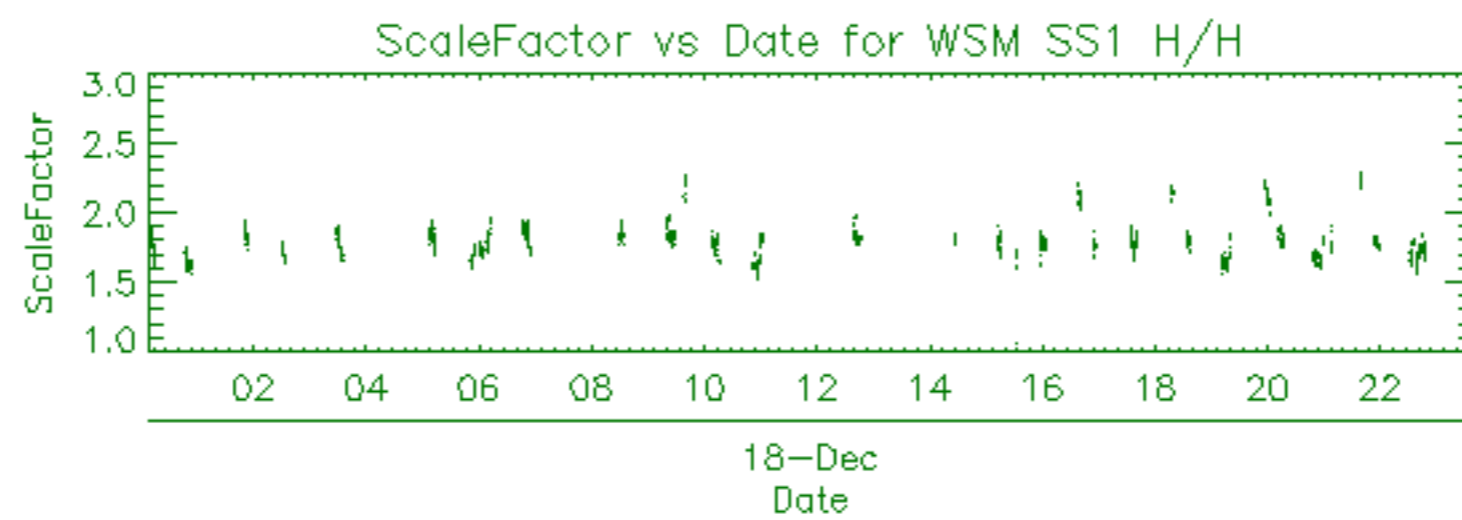




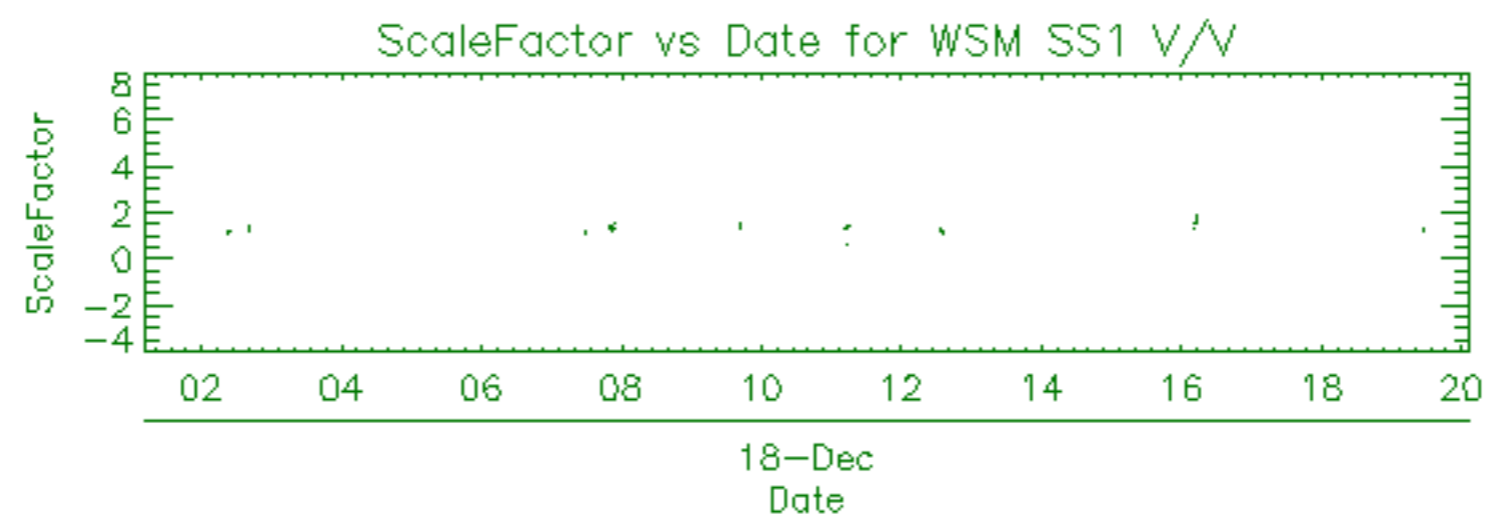
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20111218_030030_000002383109_00377_51253_0616.N1						IS1	V/V	109	51253	377	5.04
ASA_APM_1PNPDE20111218_040400_000000423109_00378_51254_0644.N1						IS2	H/H	109	51254	378	5.04
ASA_APM_1PNPDE20111218_043823_000000873109_00378_51254_0652.N1						IS4	H/H	109	51254	378	5.04
ASA_APM_1PNPDE20111218_054709_000000433109_00379_51255_0703.N1						IS6	H/H	109	51255	379	5.04
ASA_APM_1PNPDE20111218_080016_000001333109_00380_51256_0750.N1						IS1	V/H	109	51256	380	5.04
ASA_APM_1PNPDK20111218_135859_000000823109_00384_51260_5973.N1						IS2	H/H	109	51260	384	5.04
ASA_APM_1PNPDE20111218_144618_000000433109_00384_51260_0815.N1						IS1	V/H	109	51260	384	5.04
ASA_APM_1PNPDE20111218_153640_000000563109_00385_51261_0819.N1						IS4	H/H	109	51261	385	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20111217_235822_000005983109_00375_51251_0574.N1						SS1	H/H	109	51251	375	5.04
ASA_GM1_1PNPDE20111218_005517_000008283109_00376_51252_0594.N1						SS1	H/H	109	51252	376	5.04
ASA_GM1_1PNPDE20111218_012011_000006833109_00376_51252_0597.N1						SS1	H/H	109	51252	376	5.04
ASA_GM1_1PNPDE20111218_013834_000006653109_00376_51252_0600.N1						SS1	H/H	109	51252	376	5.04
ASA_GM1_1PNPDE20111218_020237_000006893109_00376_51252_0618.N1						SS1	H/H	109	51252	376	5.04
ASA_GM1_1PNPDE20111218_022448_000001933109_00377_51253_0620.N1						SS1	H/H	109	51253	377	5.04
ASA_GM1_1PNPDE20111218_023351_000003443109_00377_51253_0621.N1						SS1	H/H	109	51253	377	5.04
ASA_GM1_1PNPDE20111218_024213_000009673109_00377_51253_0624.N1						SS1	H/H	109	51253	377	5.04
ASA_GM1_1PNPDE20111218_031849_000005673109_00377_51253_0654.N1						SS1	H/H	109	51253	377	5.04
ASA_GM1_1PNPDE20111218_033717_000001633109_00377_51253_0658.N1						SS1	H/H	109	51253	377	5.04
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ASA_GM1_1PNPDE20111218_053957_000004343109_00379_51255_0719.N1						SS1	H/H	109	51255	379	5.04
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ASA_GM1_1PNPDK20111218_135035_000002353109_00383_51259_5963.N1						SS1	H/H	109	51259	383	5.04
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ASA_GM1_1PNPDK20111218_191224_000000723109_00387_51263_6064.N1	SS1	H/H	109	51263	387	5.04
ASA_GM1_1PNPDK20111218_192107_000001143109_00387_51263_6066.N1	SS1	H/H	109	51263	387	5.04
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ASA_GM1_1PNPDK20111218_202614_000004103109_00387_51263_6071.N1	SS1	H/H	109	51263	387	5.04
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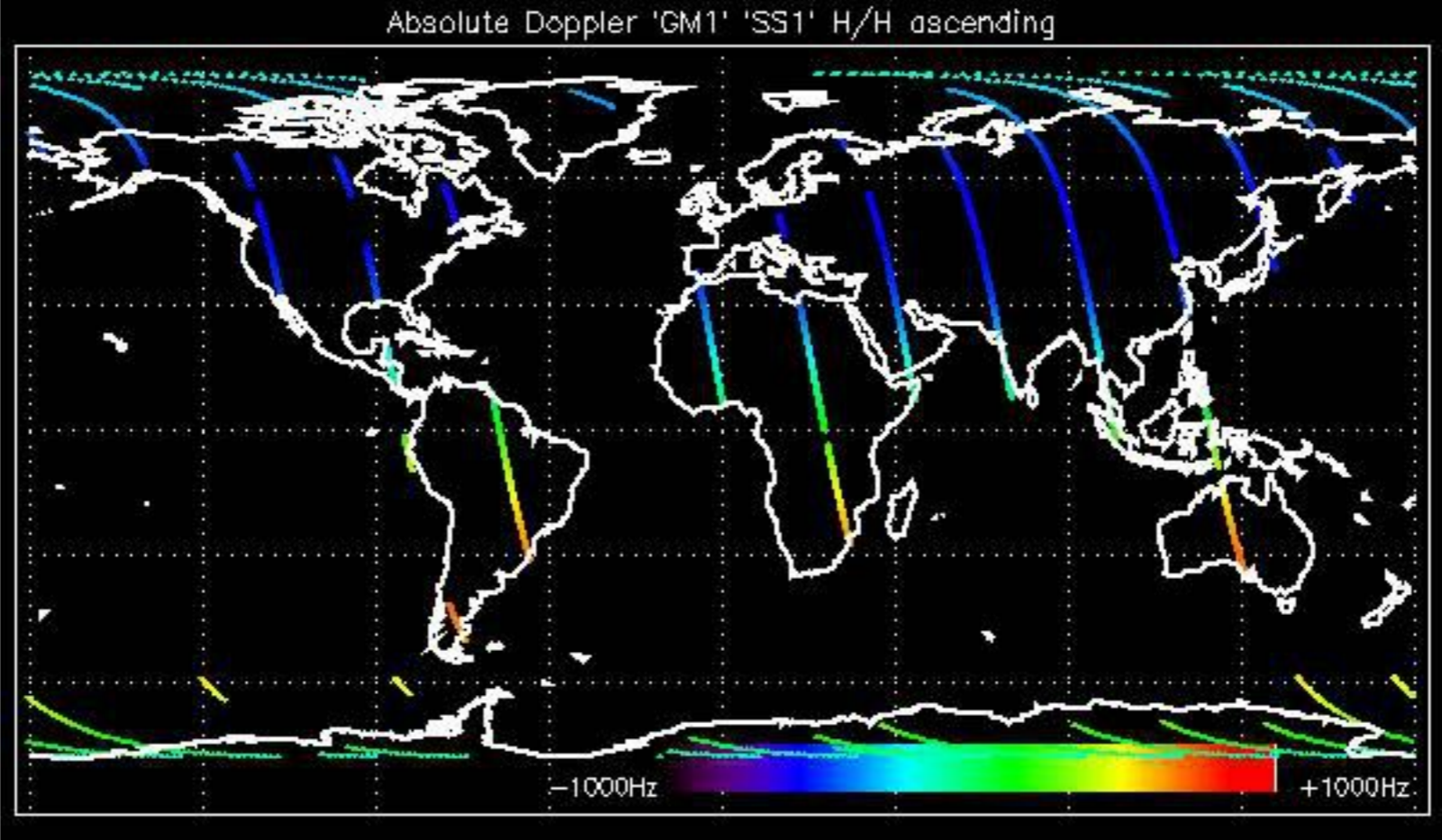
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ASA_IMM_1PNPDE20111218_080939_000000823109_00380_51256_0751.N1						IS2	V/V	109	51256	380	5.04
ASA_IMM_1PNPDK20111218_092925_000000373109_00381_51257_5885.N1						IS2	V/V	109	51257	381	5.04
ASA_IMM_1PNPDK20111218_131058_000000373109_00383_51259_5961.N1						IS5	V/V	109	51259	383	5.04
ASA_IMM_1PNPDK20111218_135426_000002493109_00384_51260_5972.N1						IS2	H/H	109	51260	384	5.04
ASA_IMM_1PNPDE20111218_175020_000002793109_00386_51262_0827.N1						IS6	H/H	109	51262	386	5.04
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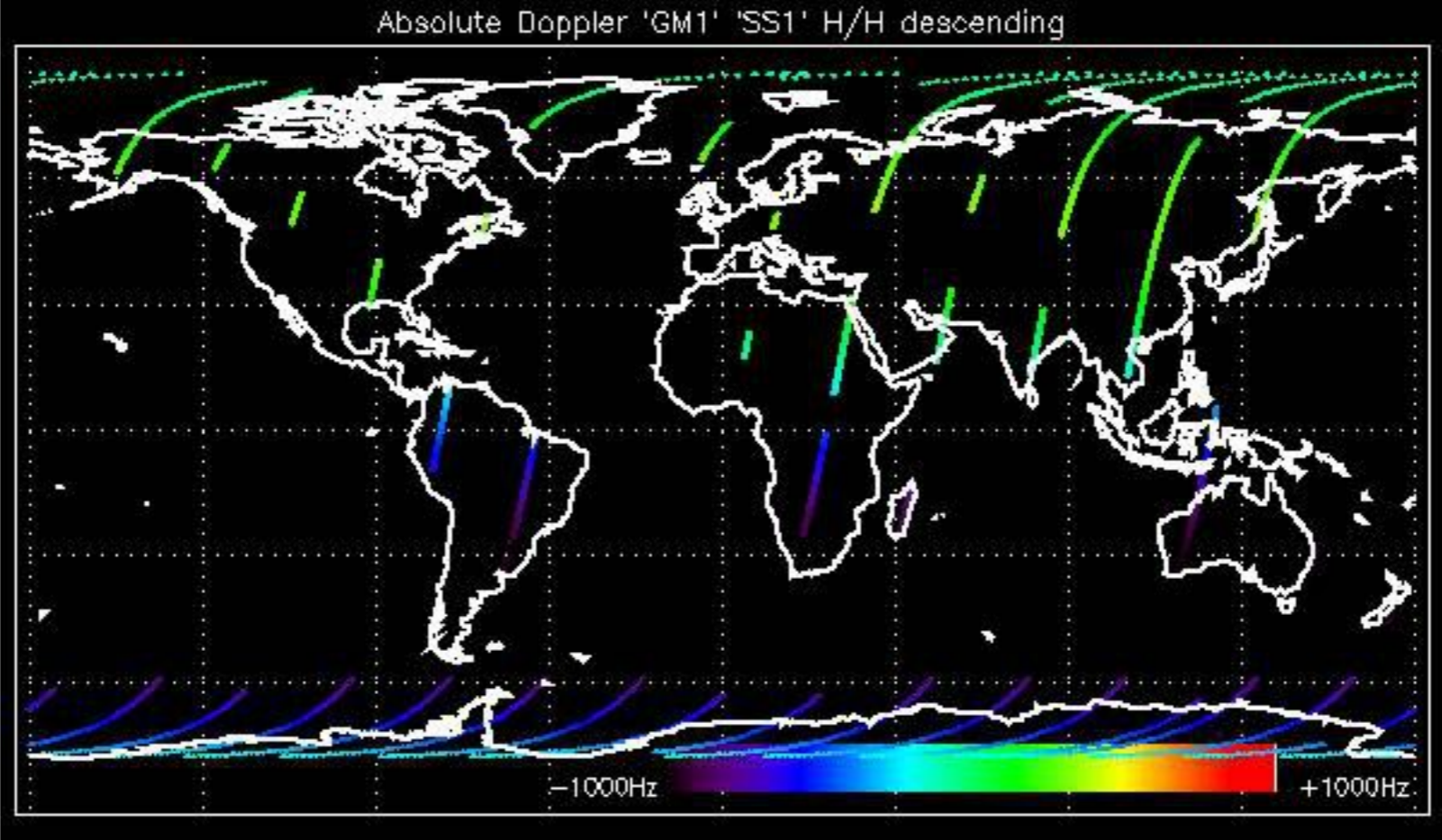
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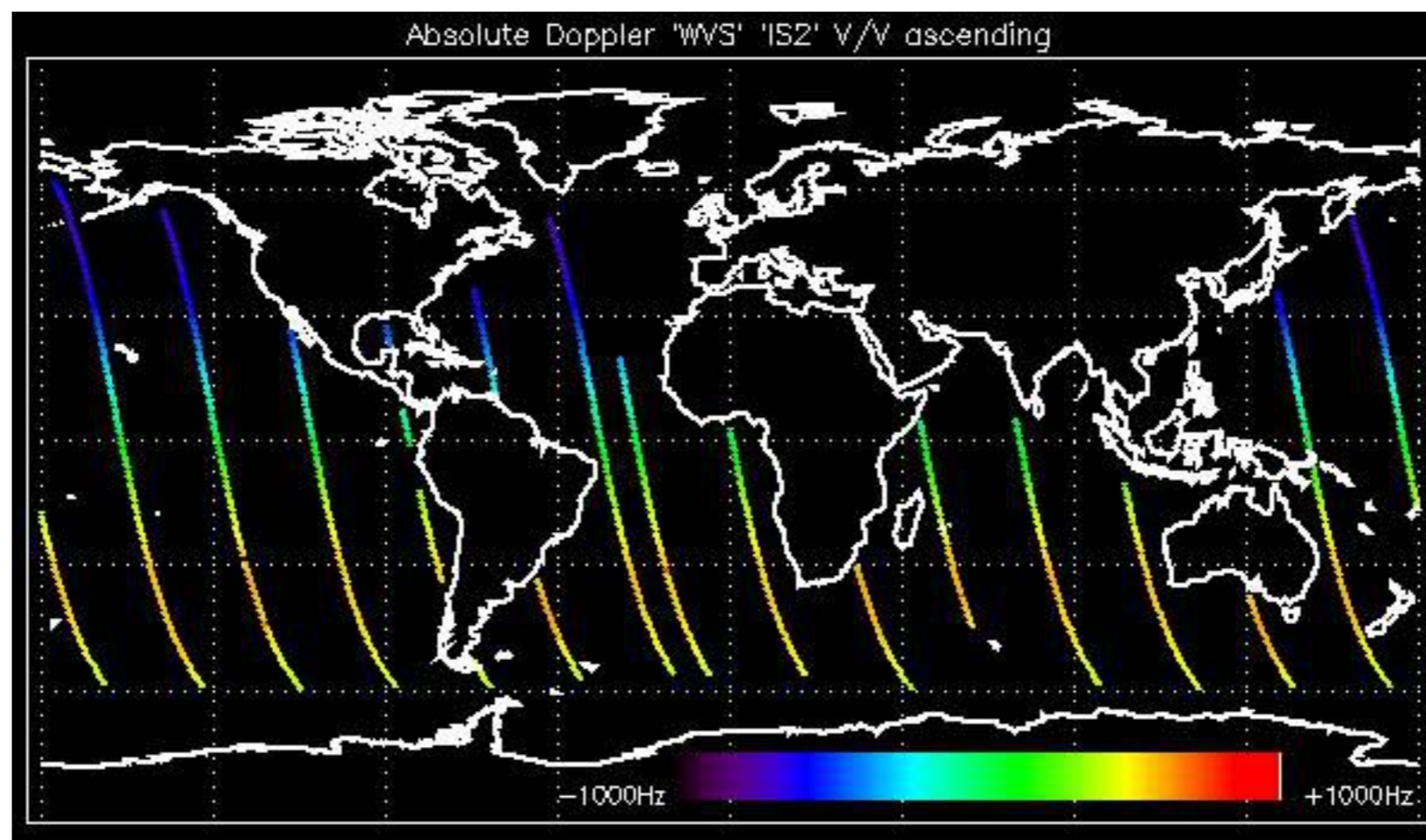
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ASA_WSM_1PNPDE20111218_011130_00000923109_00376_51252_0591.N1						SS1	V/V	109	51252	376	5.04
ASA_WSM_1PNPDE20111218_014943_000003303109_00376_51252_0595.N1						SS1	H/H	109	51252	376	5.04
ASA_WSM_1PNPDE20111218_022213_000001533109_00377_51253_0617.N1						SS1	V/V	109	51253	377	5.04
ASA_WSM_1PNPDE20111218_022959_000002263109_00377_51253_0622.N1						SS1	H/H	109	51253	377	5.04
ASA_WSM_1PNPDE20111218_023938_000001533109_00377_51253_0623.N1						SS1	V/V	109	51253	377	5.04
ASA_WSM_1PNPDE20111218_032821_000003923109_00377_51253_0643.N1						SS1	H/H	109	51253	377	5.04
ASA_WSM_1PNPDE20111218_050711_000002143109_00378_51254_0701.N1						SS1	H/H	109	51254	378	5.04
ASA_WSM_1PNPDE20111218_051112_000001533109_00378_51254_0702.N1						SS1	H/H	109	51254	378	5.04
ASA_WSM_1PNPDE20111218_055041_000002513109_00379_51255_0704.N1						SS1	H/H	109	51255	379	5.04
ASA_WSM_1PNPDK20111218_060010_000003063109_00379_51255_5829.N1						SS1	H/H	109	51255	379	5.04
ASA_WSM_1PNPDE20111218_060745_000003063109_00379_51255_0700.N1						SS1	H/H	109	51255	379	5.04
ASA_WSM_1PNPDK20111218_064559_000001843109_00379_51255_5850.N1						SS1	H/H	109	51255	379	5.04
ASA_WSM_1PNPDK20111218_064933_000002753109_00379_51255_5849.N1						SS1	H/H	109	51255	379	5.04
ASA_WSM_1PNPDK20111218_072824_000000923109_00380_51256_5852.N1						SS1	V/V	109	51256	380	5.04
ASA_WSM_1PNPDE20111218_074957_000002203109_00380_51256_0748.N1						SS1	V/V	109	51256	380	5.04
ASA_WSM_1PNPDK20111218_082941_000002393109_00380_51256_5877.N1						SS1	H/H	109	51256	380	5.04
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ASA_WSM_1PNPDK20111218_105610_000003673109_00382_51258_5915.N1						SS1	H/H	109	51258	382	5.04
ASA_WSM_1PNPDE20111218_111153_000001903109_00382_51258_0797.N1						SS1	V/V	109	51258	382	5.04
ASA_WSM_1PNPDK20111218_123251_000001533109_00383_51259_5960.N1						SS1	V/V	109	51259	383	5.04
ASA_WSM_1PNPDK20111218_123906_000004533109_00383_51259_5940.N1						SS1	H/H	109	51259	383	5.04
ASA_WSM_1PNPDE20111218_142608_000000733109_00384_51260_0820.N1						SS1	H/H	109	51260	384	5.04
ASA_WSM_1PNPDE20111218_151249_000002143109_00384_51260_0818.N1						SS1	H/H	109	51260	384	5.04
ASA_WSM_1PNPDE20111218_153106_000000923109_00384_51260_0817.N1						SS1	H/H	109	51260	384	5.04
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ASA_WSM_1PNPDE20111218_155803_000003363109_00385_51261_0822.N1						SS1	H/H	109	51261	385	5.04
ASA_WSM_1PNPDK20111218_160927_000001773109_00385_51261_6026.N1						SS1	V/V	109	51261	385	5.04
ASA_WSM_1PNPDE20111218_163801_000000923109_00385_51261_0823.N1						SS1	H/H	109	51261	385	5.04
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ASA_WSM_1PNPDE20111218_165320_000002143109_00385_51261_0821.N1						SS1	H/H	109	51261	385	5.04
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ASA_WSM_1PNPDE20111218_181719_000000923109_00386_51262_0828.N1						SS1	H/H	109	51262	386	5.04
ASA_WSM_1PNPDE20111218_183316_000002143109_00386_51262_0826.N1						SS1	H/H	109	51262	386	5.04
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ASA_WSM_1PNPDE20111218_191645_000002513109_00387_51263_0829.N1						SS1	H/H	109	51263	387	5.04
ASA_WSM_1PNPDE20111218_192648_000000733109_00387_51263_0831.N1						SS1	V/V	109	51263	387	5.04
ASA_WSM_1PNPDE20111218_195724_000002693109_00387_51263_0832.N1						SS1	H/H	109	51263	387	5.04
ASA_WSM_1PNPDE20111218_200501_000000923109_00387_51263_0833.N1						SS1	V/V	109	51263	387	5.04
ASA_WSM_1PNPDE20111218_201132_000003123109_00387_51263_0830.N1						SS1	H/H	109	51263	387	5.04
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ASA_WSM_1PNPDE20111218_223111_000000923109_00389_51265_0859.N1						SS1	H/H	109	51265	389	5.04
ASA_WSM_1PNPDK20111218_223150_000002513109_00389_51265_6098.N1						SS1	H/H	109	51265	389	5.04
ASA_WSM_1PNPDE20111218_223727_000001533109_00389_51265_0863.N1						SS1	H/H	109	51265	389	5.04
ASA_WSM_1PNPDE20111218_224057_000002753109_00389_51265_0872.N1						SS1	H/H	109	51265	389	5.04
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ASA_WSM_1PNPDE20111218_233257_000003363109_00389_51265_0862.N1						SS1	H/H	109	51265	389	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20111218_001522_000002403109_00375_51251_0573.N1						IS2	V/V	109	51251	375	5.04
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ASA_WVS_1PNPDE20111218_015629_000003303109_00376_51252_0619.N1						IS2	V/V	109	51252	376	5.04
ASA_WVS_1PNPDE20111218_021406_000004493109_00377_51253_0626.N1						IS2	V/V	109	51253	377	5.04
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ASA_WVS_1PNPDE20111218_031034_000003603109_00377_51253_0653.N1						IS2	V/V	109	51253	377	5.04
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ASA_WVS_1PNPDK20111218_131432_000003003109_00383_51259_5958.N1						IS2	V/V	109	51259	383	5.04
ASA_WVS_1PNPDK20111218_133614_000003753109_00383_51259_5965.N1						IS2	V/V	109	51259	383	5.04
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ASA_WVS_1PNPDE20111218_213914_00000903109_00388_51264_0842.N1						IS2	V/V	109	51264	388	5.04
ASA_WVS_1PNPDE20111218_215816_000002393109_00388_51264_0844.N1						IS2	V/V	109	51264	388	5.04
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ASA_WVS_1PNPDE20111218_215816_000002393109_00388_51264_0844.N1						IS1	V/V	109	51264	388	5.04
ASA_WVS_1PNPDE20111218_224827_000013943109_00389_51265_0865.N1						IS2	V/V	109	51265	389	5.04
ASA_WVS_1PNPDE20111218_231523_000003303109_00389_51265_0869.N1						IS2	V/V	109	51265	389	5.04
ASA_WVS_1PNPDE20111218_233829_000003893109_00389_51265_0870.N1						IS2	V/V	109	51265	389	5.04
ASA_WVS_1PNPDE20111218_234400_000012143109_00389_51265_0889.N1						IS2	V/V	109	51265	389	5.04
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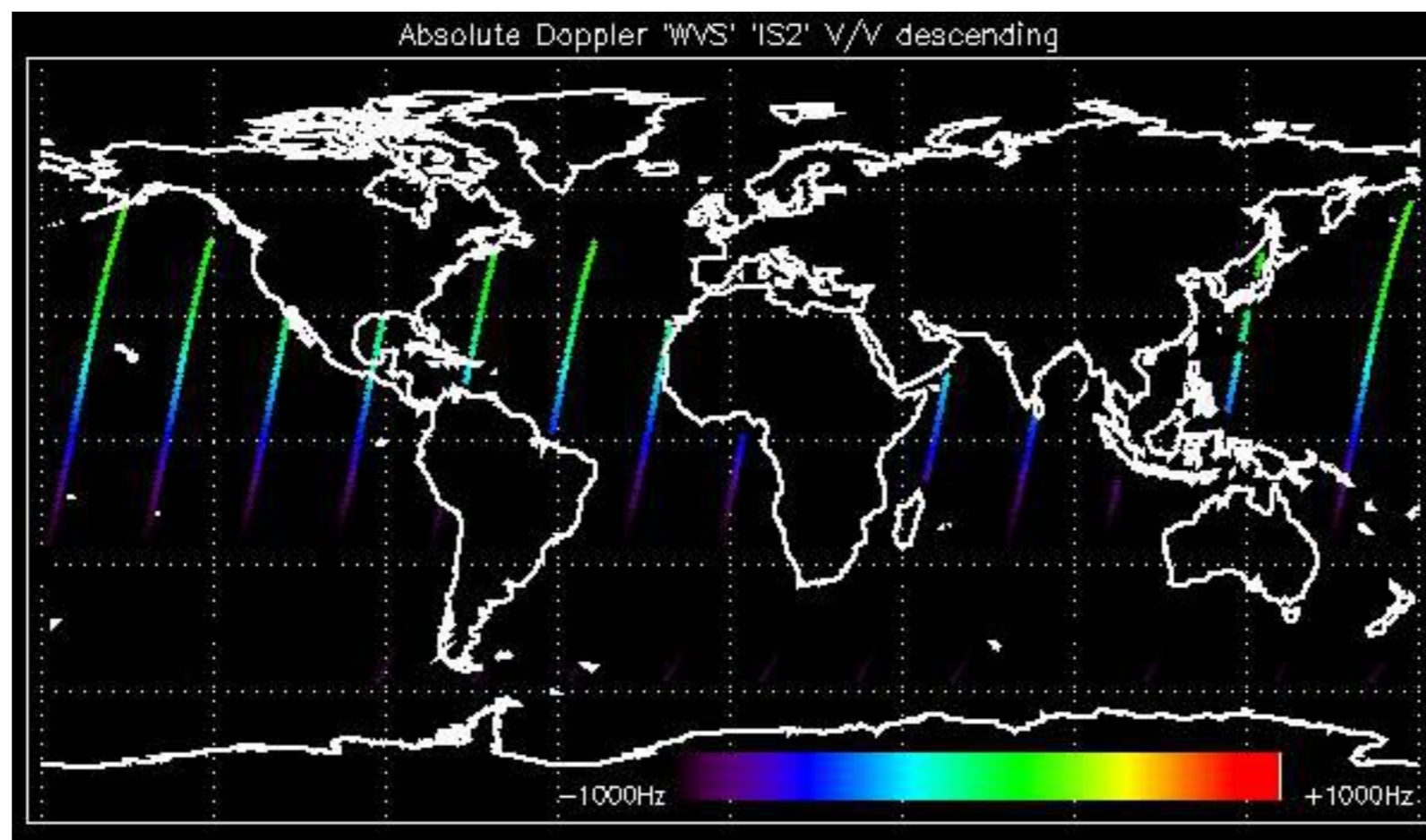




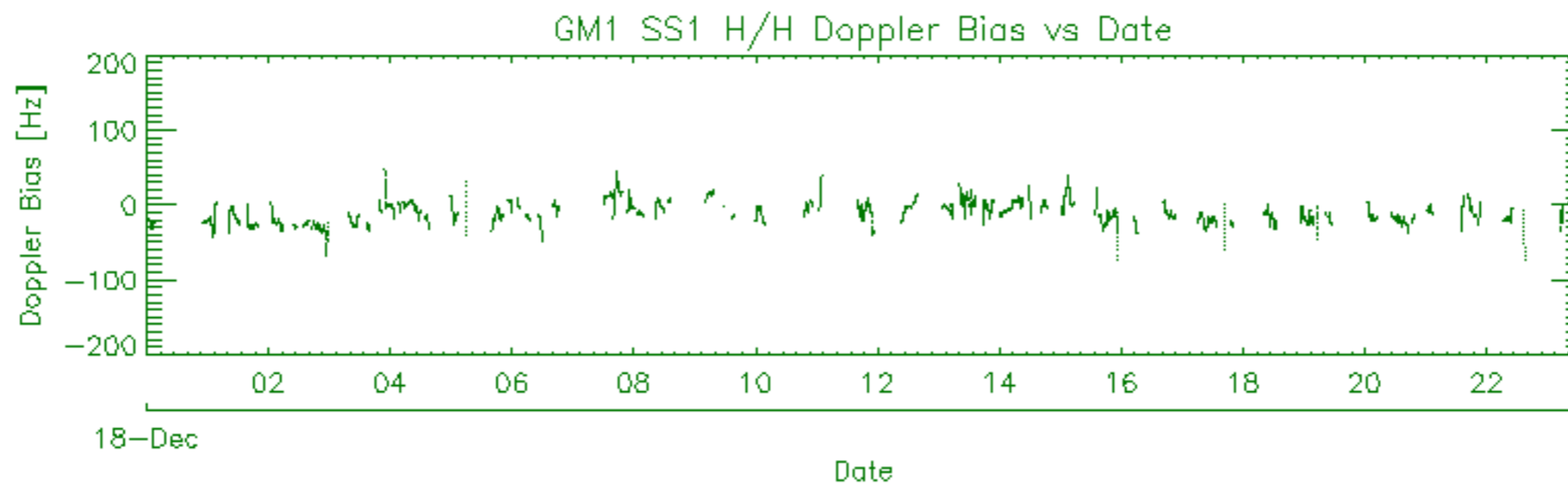
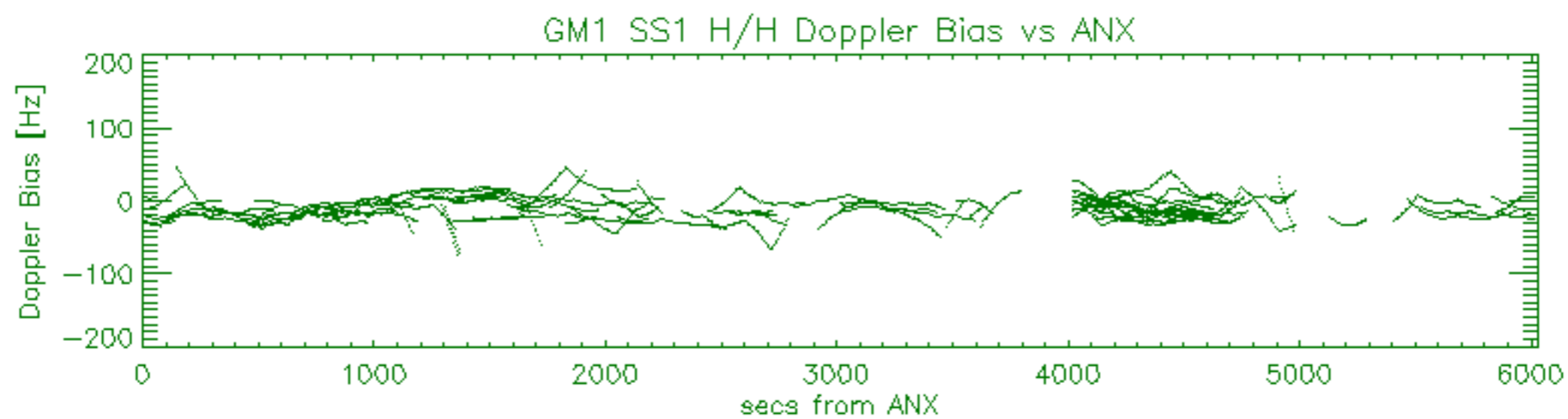
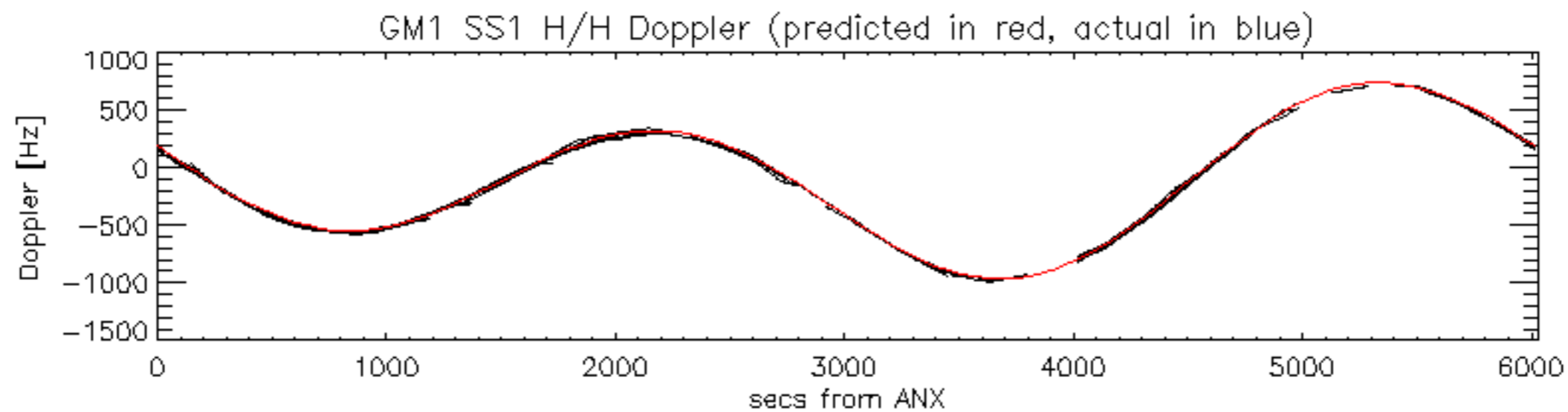


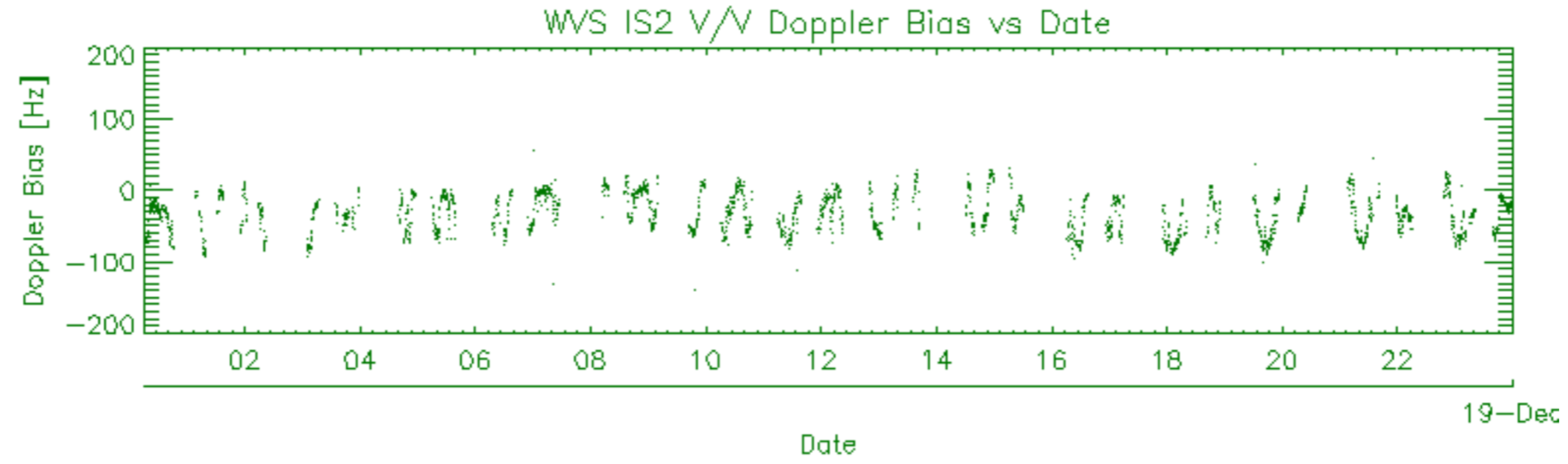
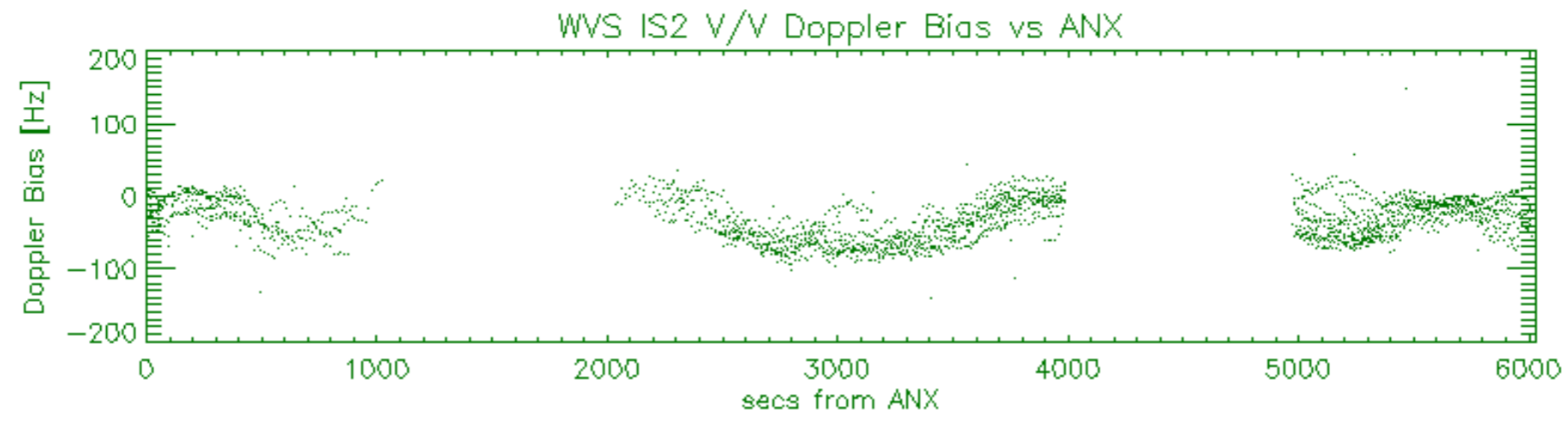
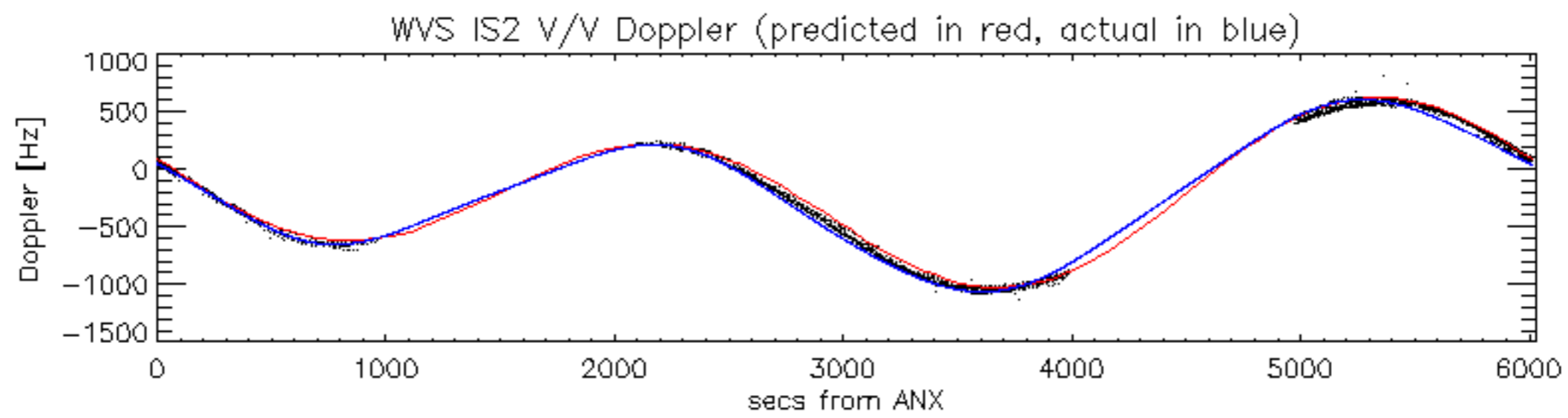


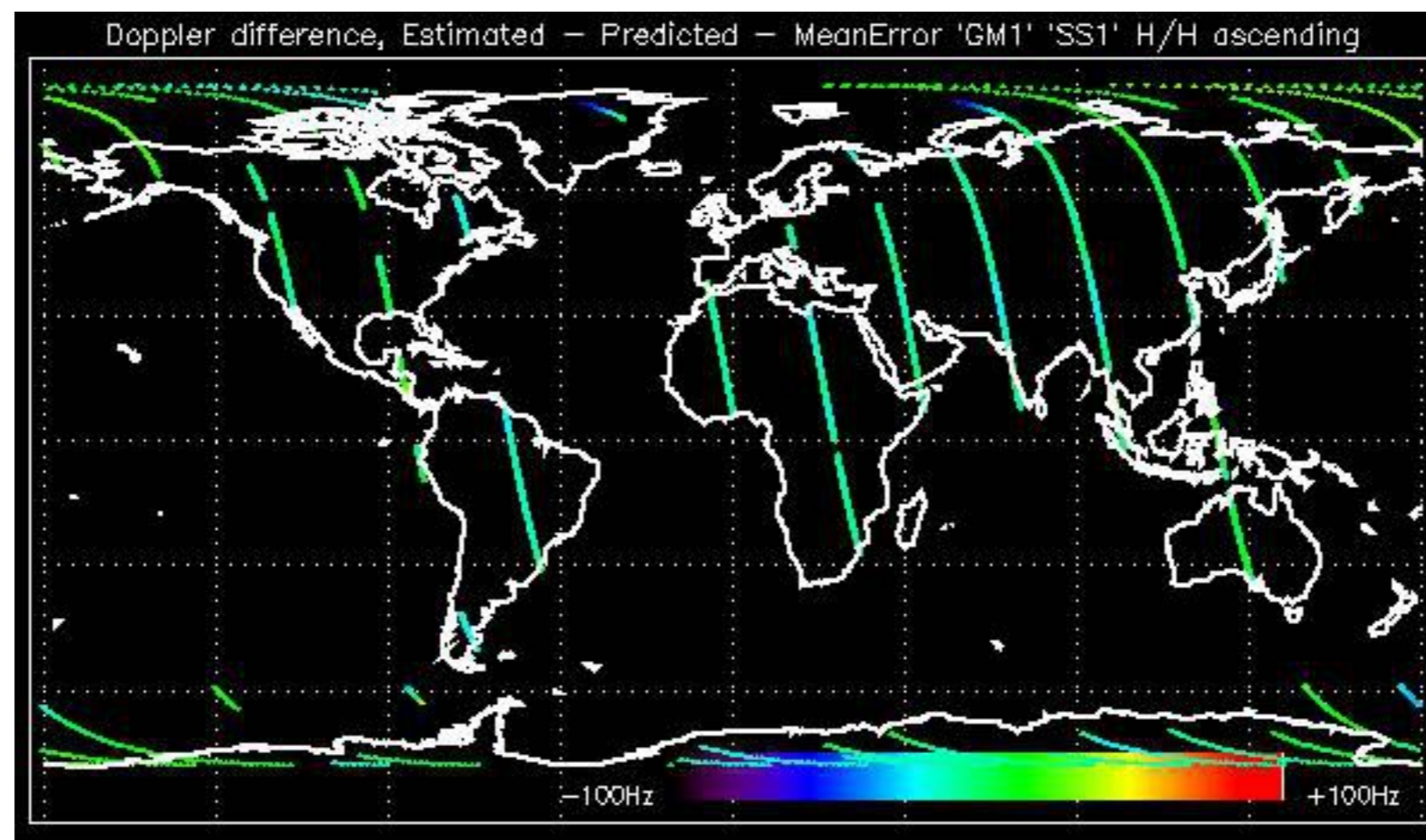


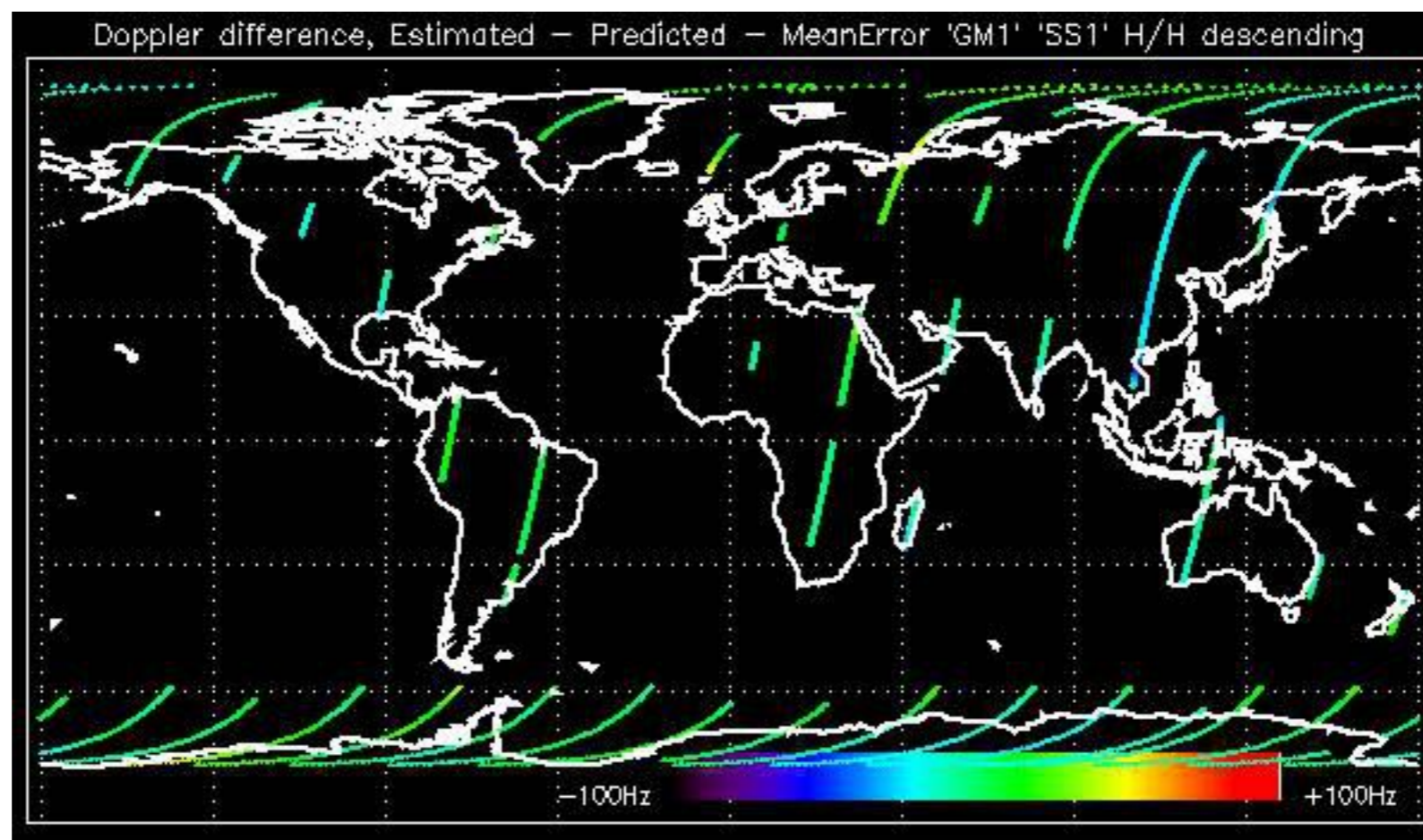




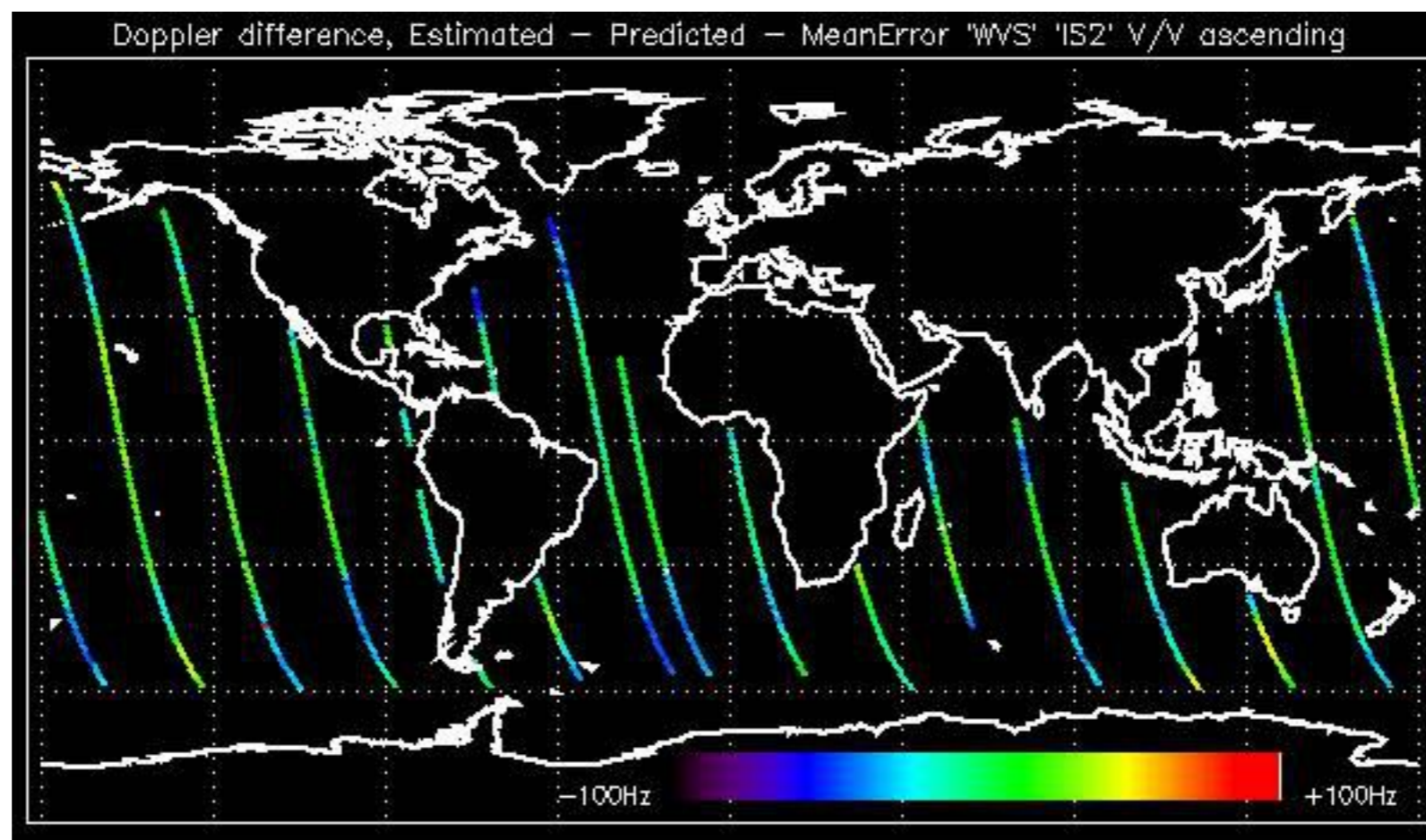


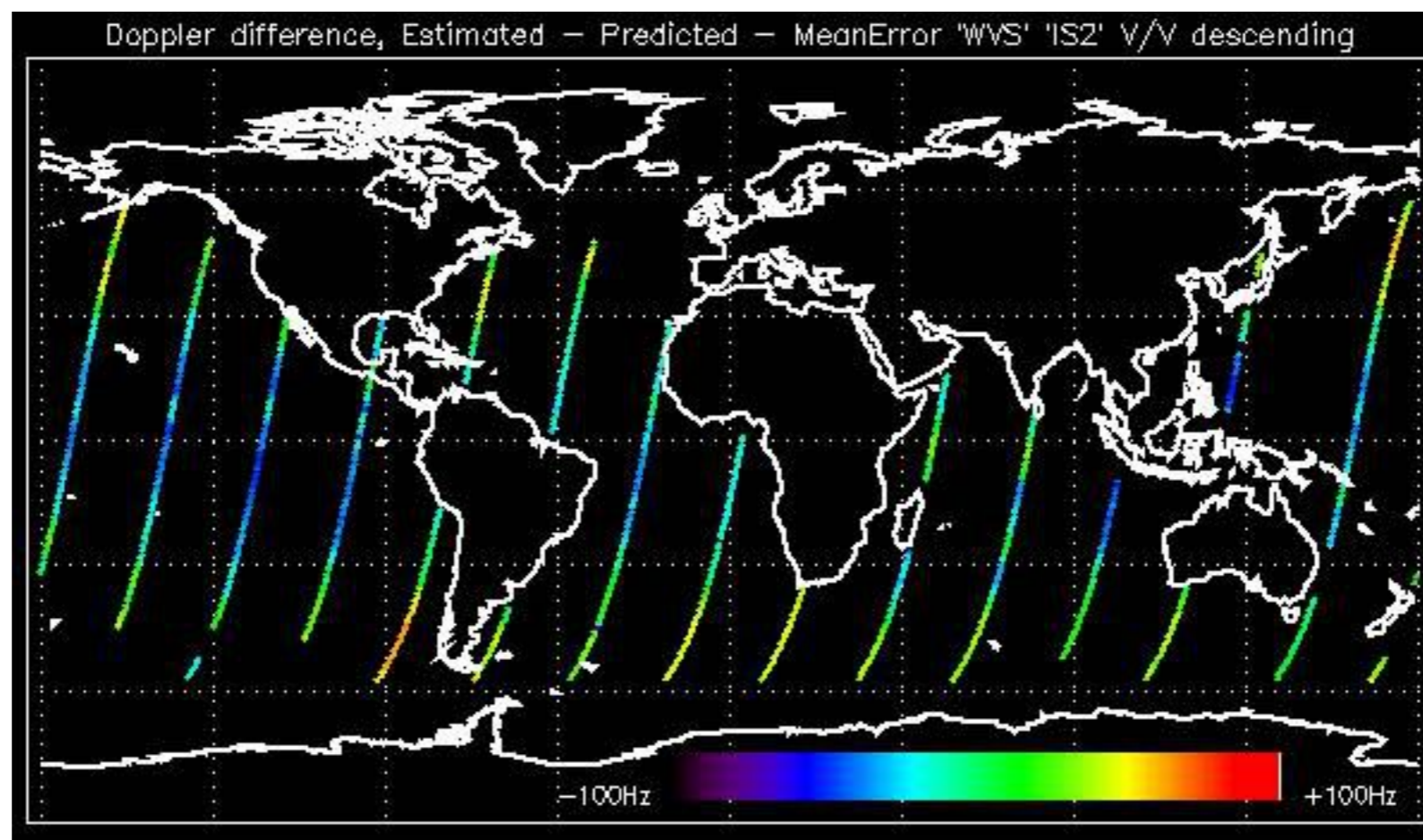


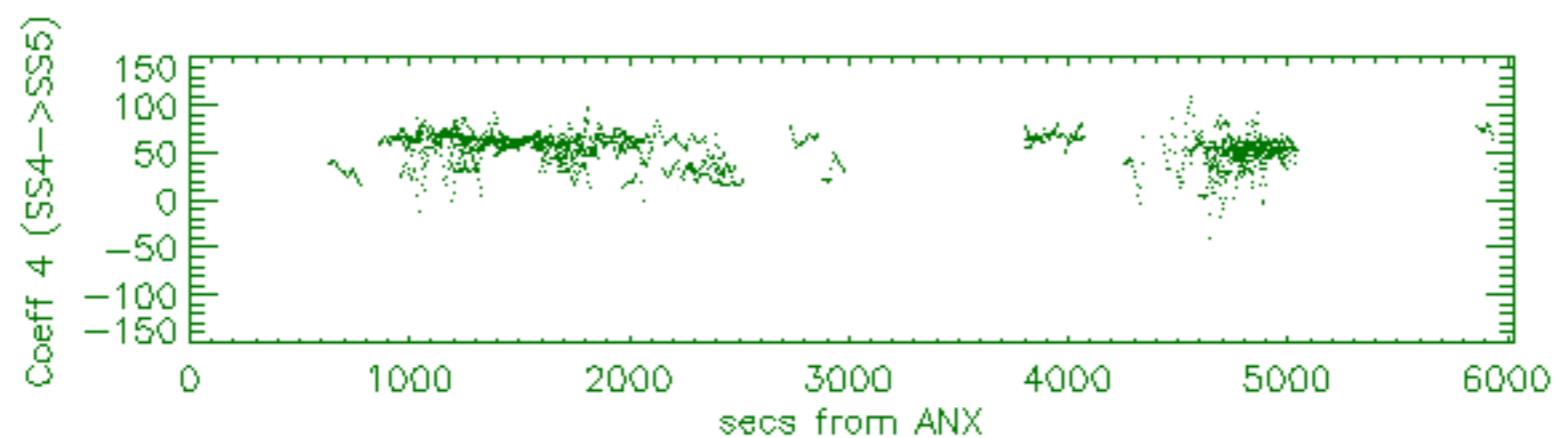
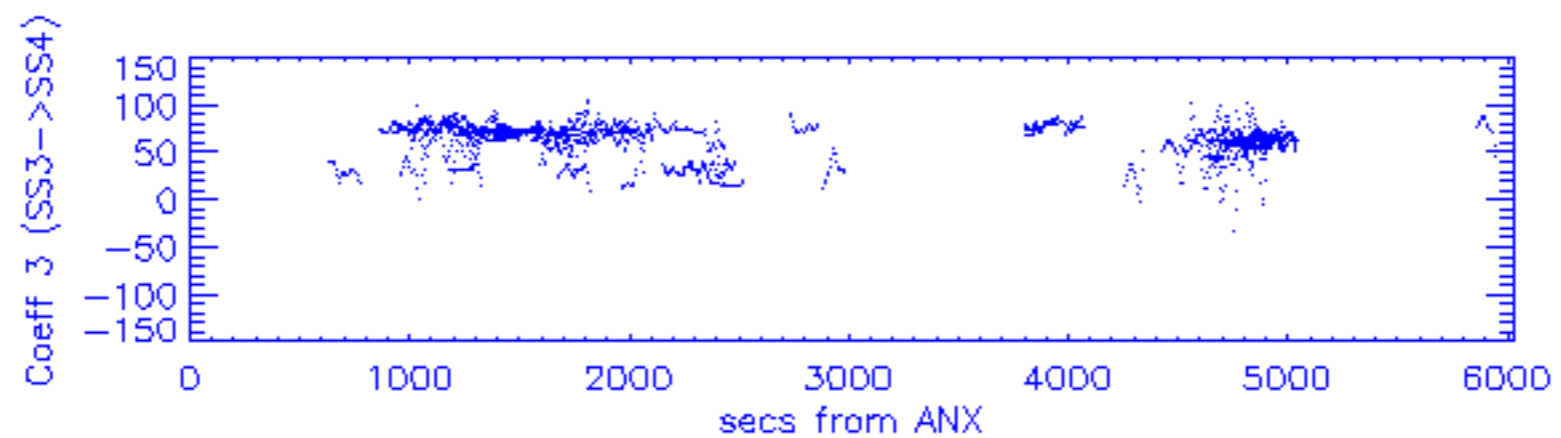
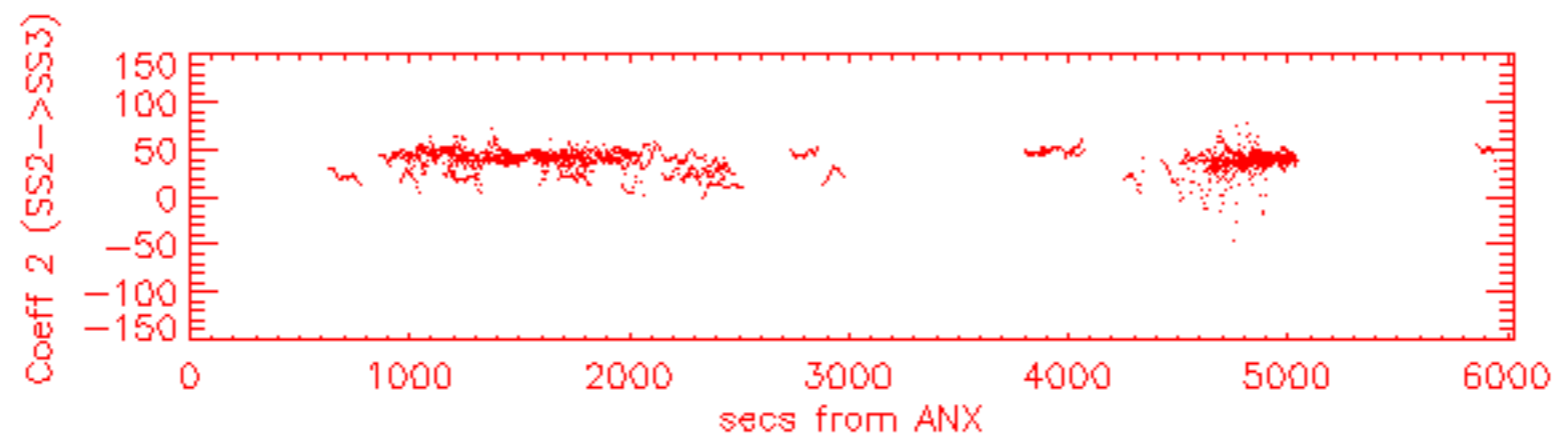
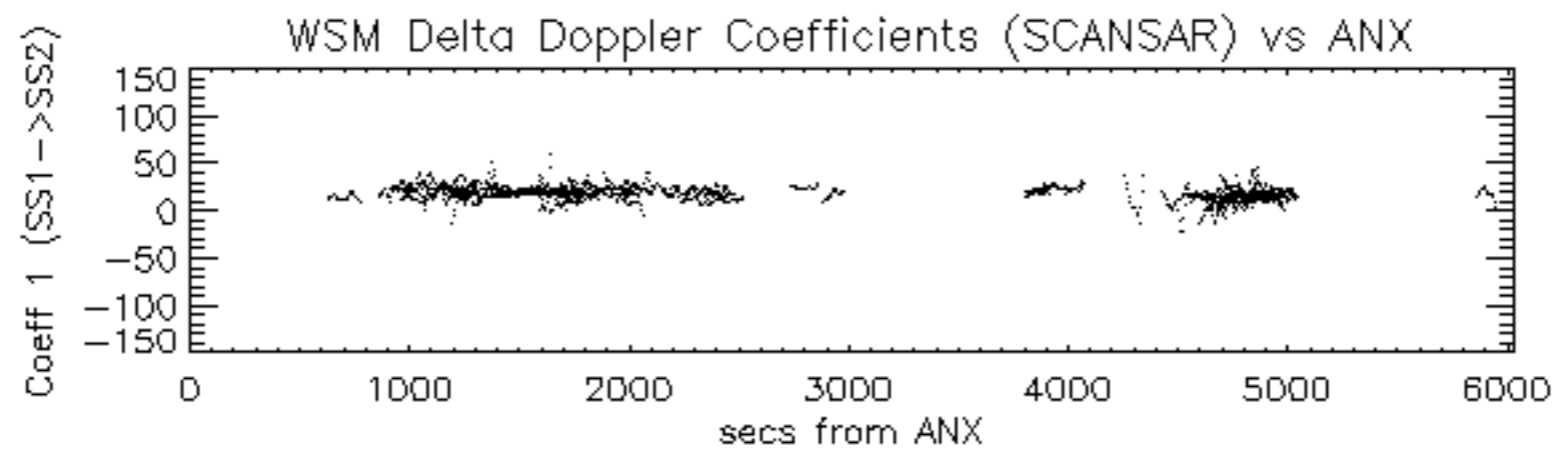


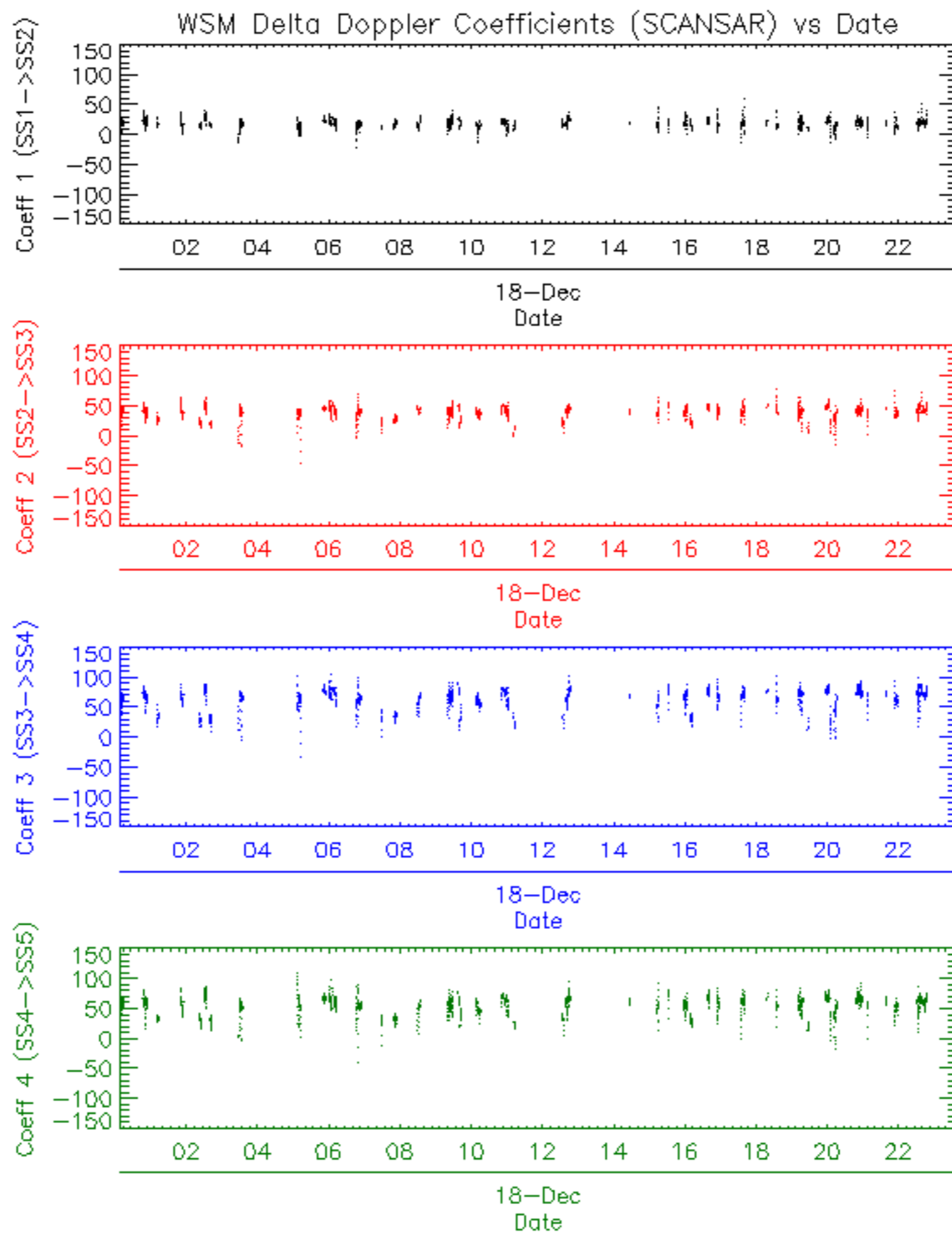
























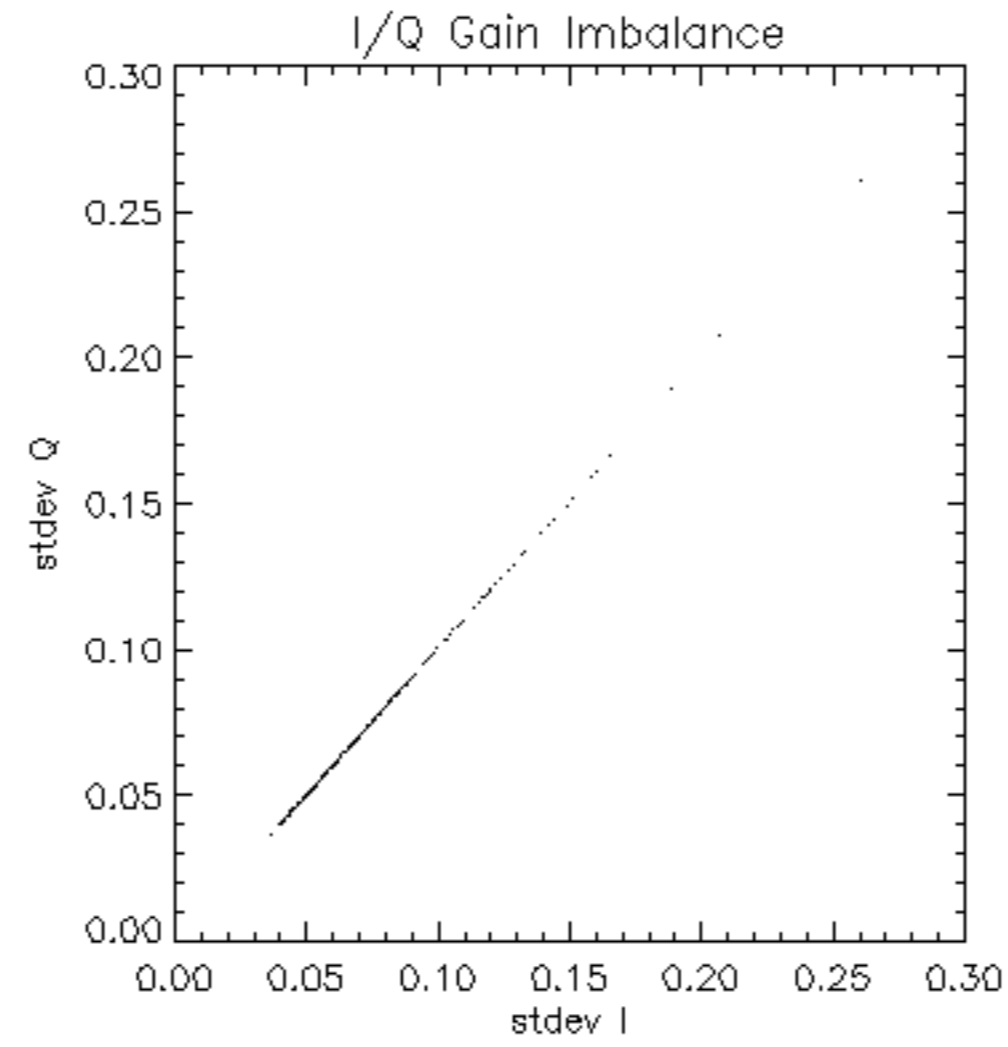


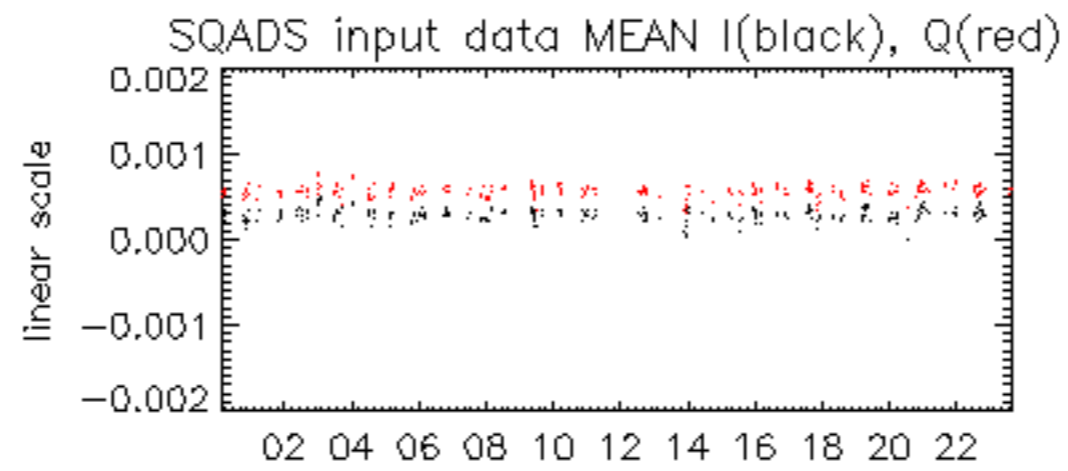




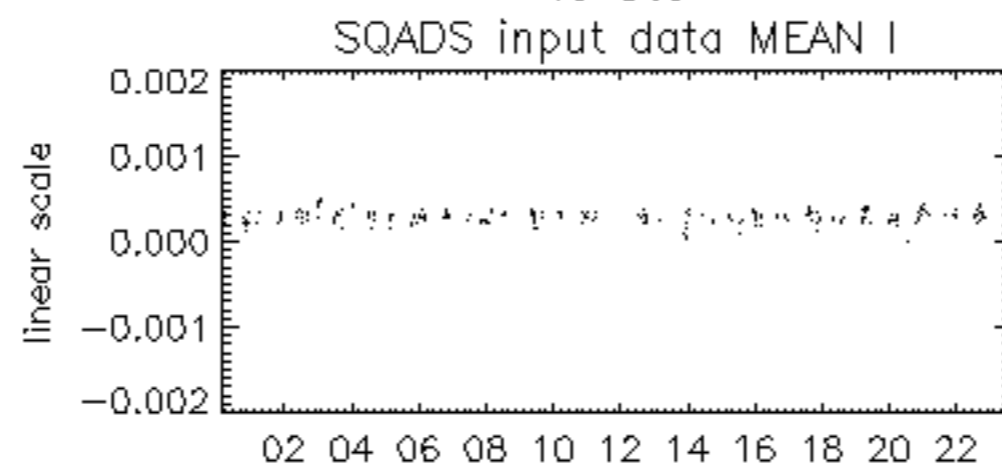




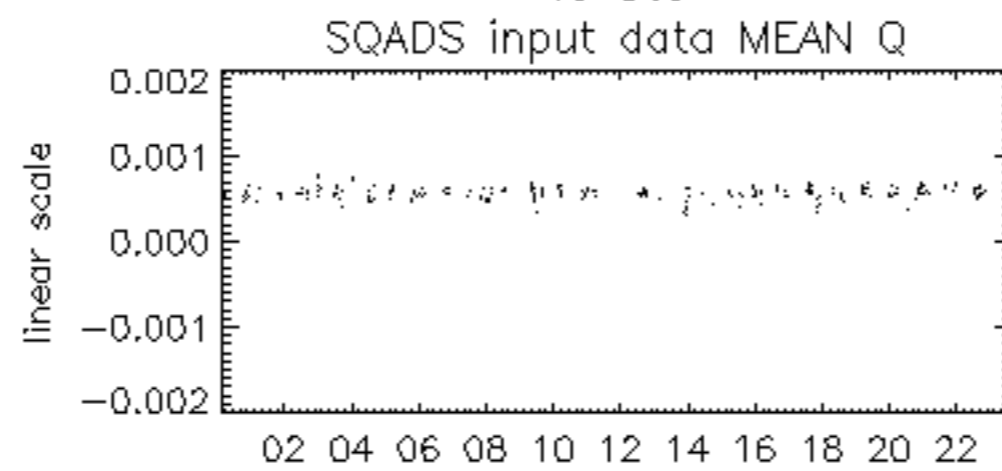




18-Dec



18-Dec



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