



ASAR Daily Report



Analysis from 15-DEC-2008 00:00:00 to 15-DEC-2008 23:59:59. Page generated on 16-DEC-2008 07:40:58.
View log file: ASAR_Daily_Report_20081216_0730.log. For any anomalies please contact mtranfaglia@serco.it, gscarpino@serco.it, Emma.Griffiths@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	1	PDE	WS	H/H	30	PDE	IS2	H/H	2	PDE	IS2	***	1	PDE	WS	H/H	29	PDE	2008-12-15 05:00:26	H	320
PDE	IS2	V/V	22					PDE	IS6	H/H	1	PDE	IS2	H/H	19	PDE	WS	V/V	10				
												PDE	IS2	V/V	17								
												PDE	IS3	H/H	1								
												PDE	IS4	V/V	1								
												PDE	IS5	H/H	1								
												PDE	IS5	V/V	1								
												PDE	IS6	H/H	3								
												PDE	IS7	H/H	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_AXVIEC20080710_132557_20070204_165113_20081231_000000
ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20080710_133546_20070204_165113_20081231_000000

2.2 - Products with wrong ADFs

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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	8	8	8	8
GM1	9	9	9	9
APM	2	2	2	2
IMM	16	16	16	16
WSM	21	21	21	21

[[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
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

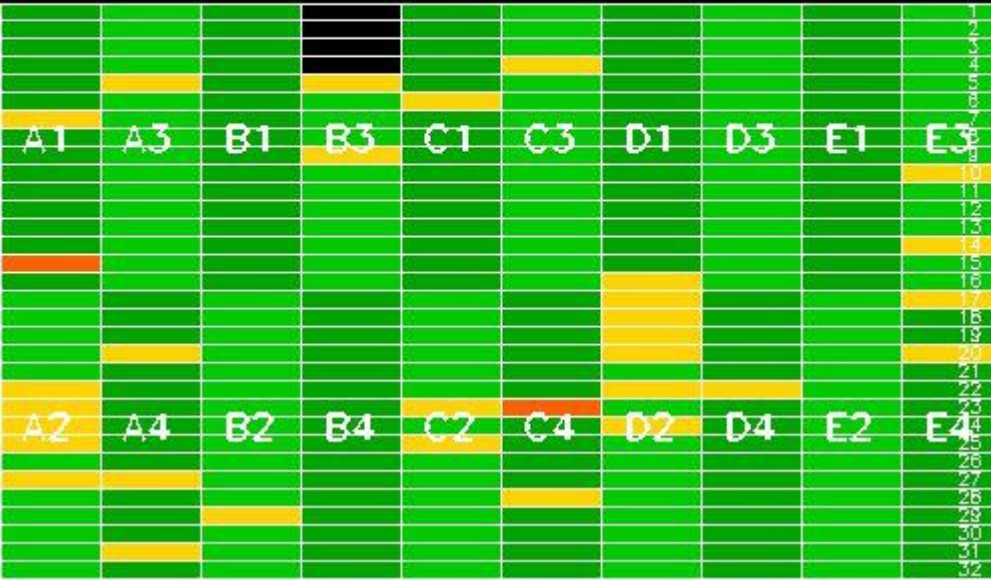
Reference: 2005-09-22 06:26:51 H RxGain
 Test : 2008-12-15 05:00:26 H



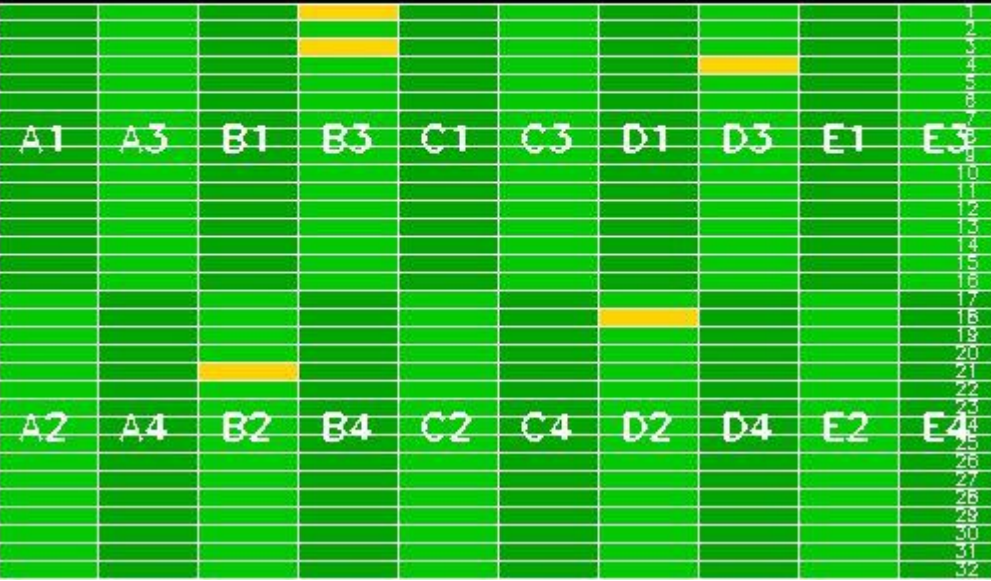
Reference: 2008-12-13 06:03:40 H RxGain
 Test : 2008-12-15 05:00:26 H

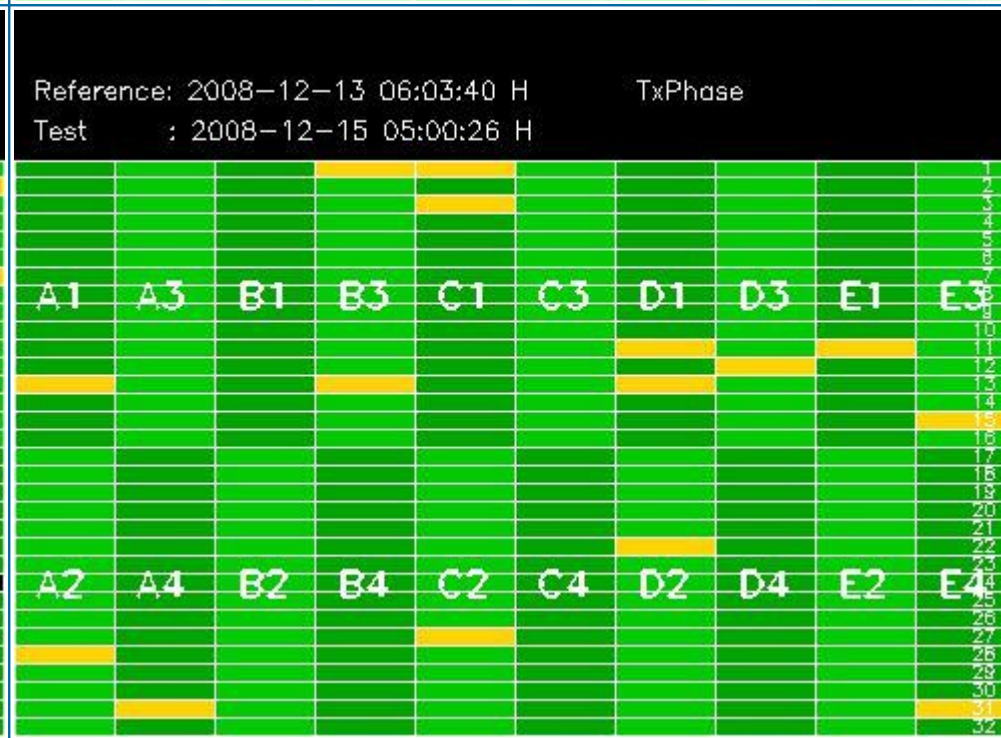
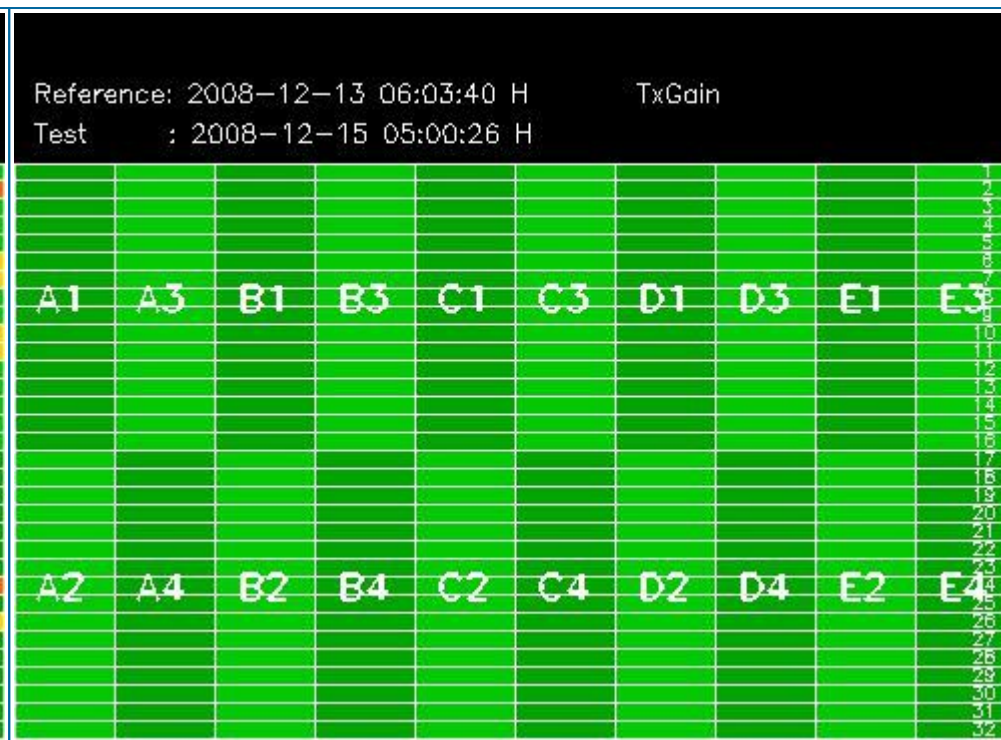
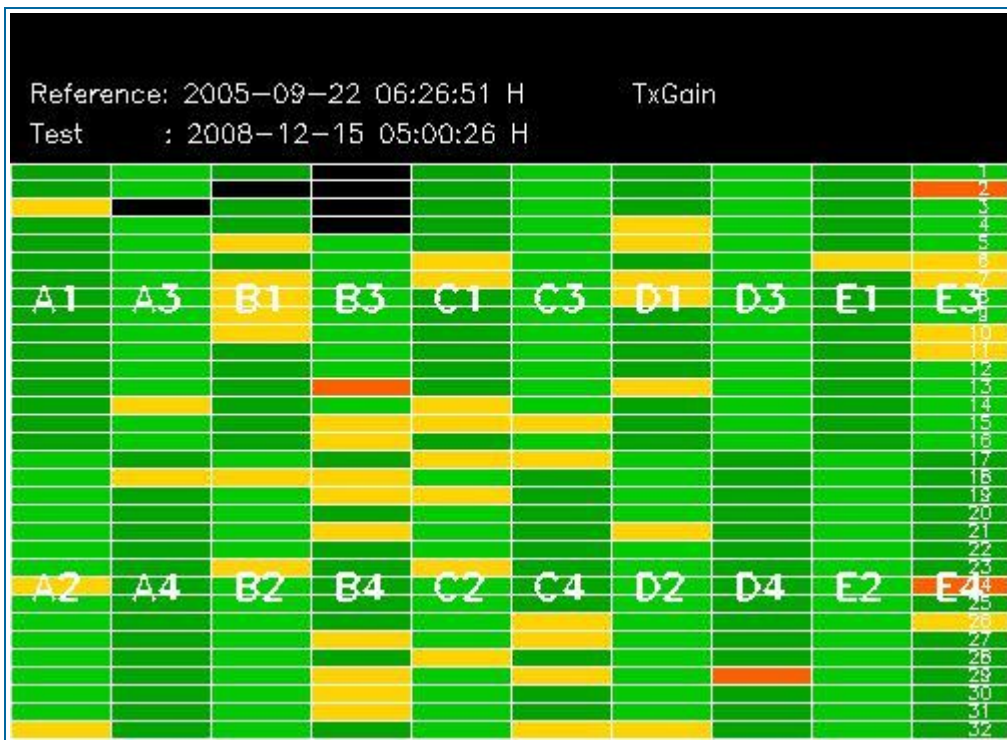


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2008-12-15 05:00:26 H



Reference: 2008-12-13 06:03:40 H RxPhase
 Test : 2008-12-15 05:00:26 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

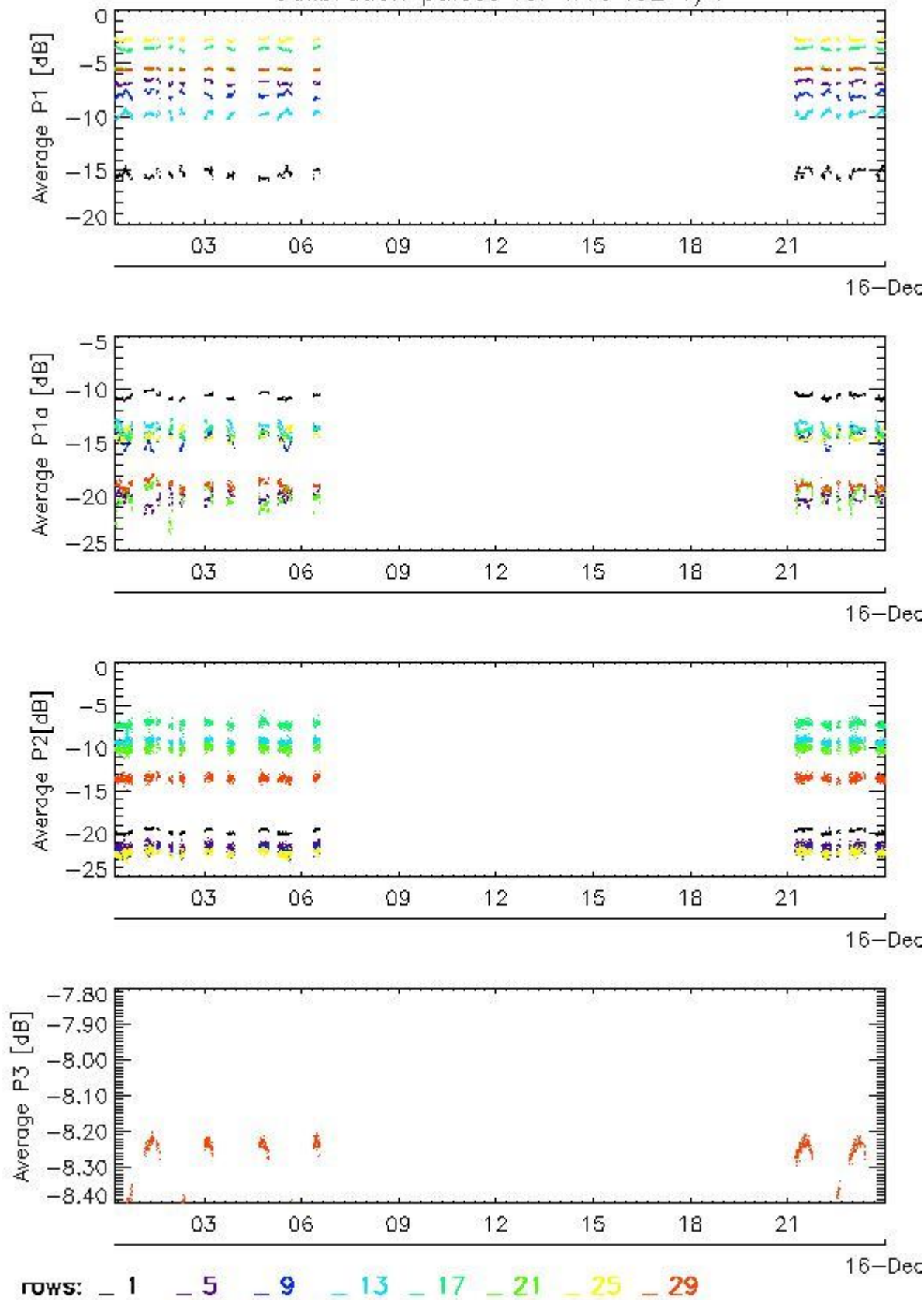
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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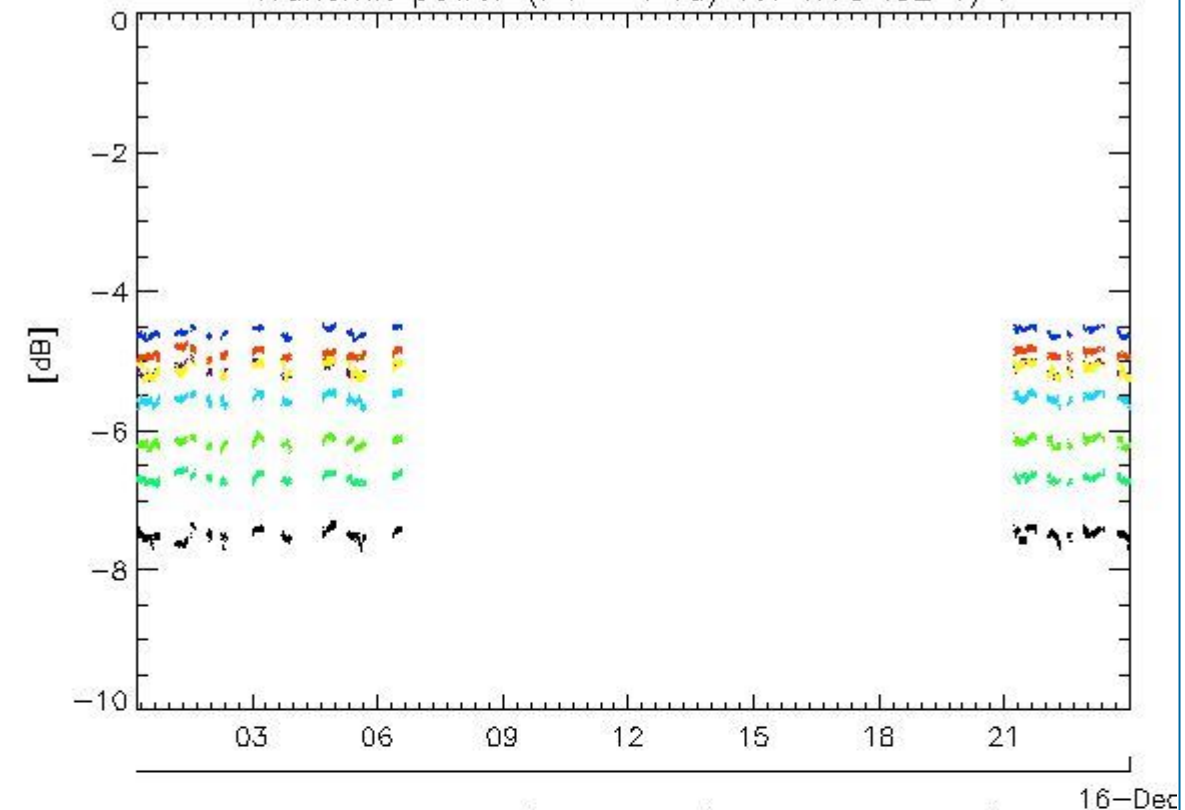
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

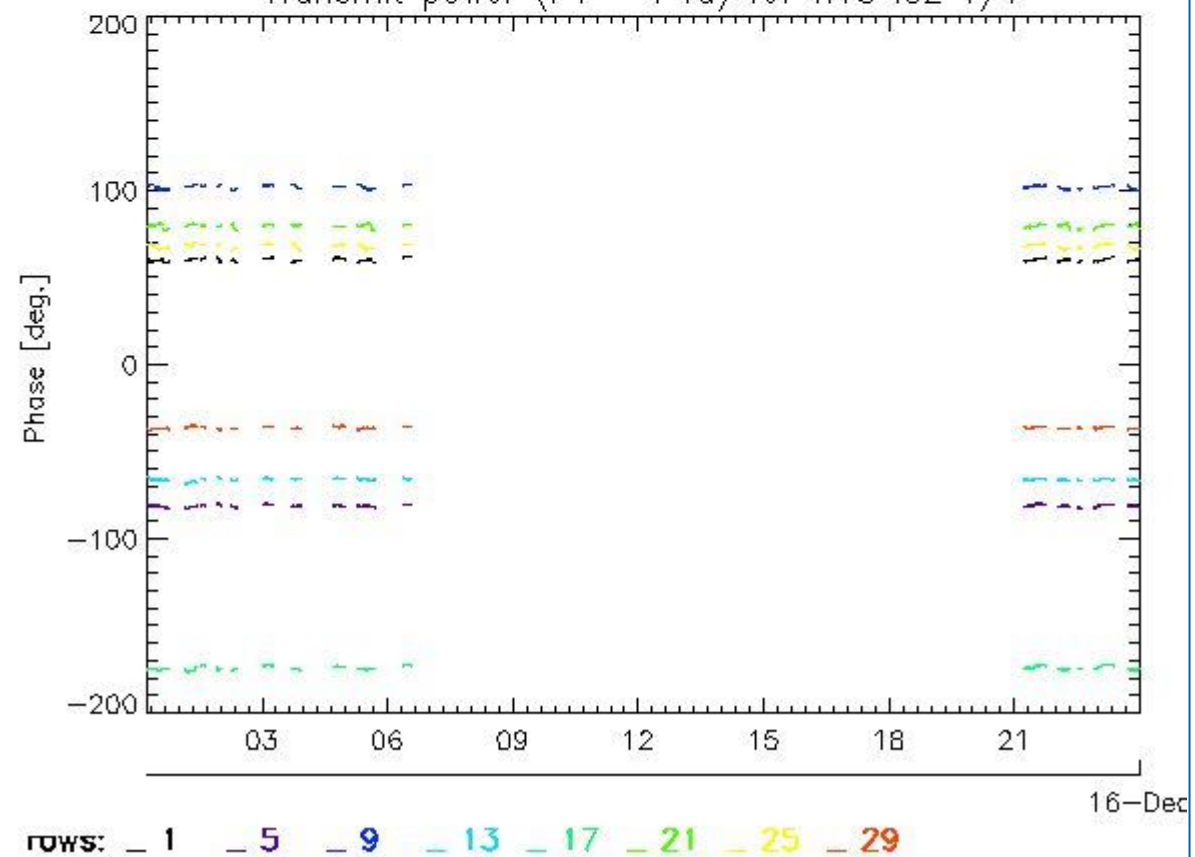
Calibration pulses for WVS IS2 V/V



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

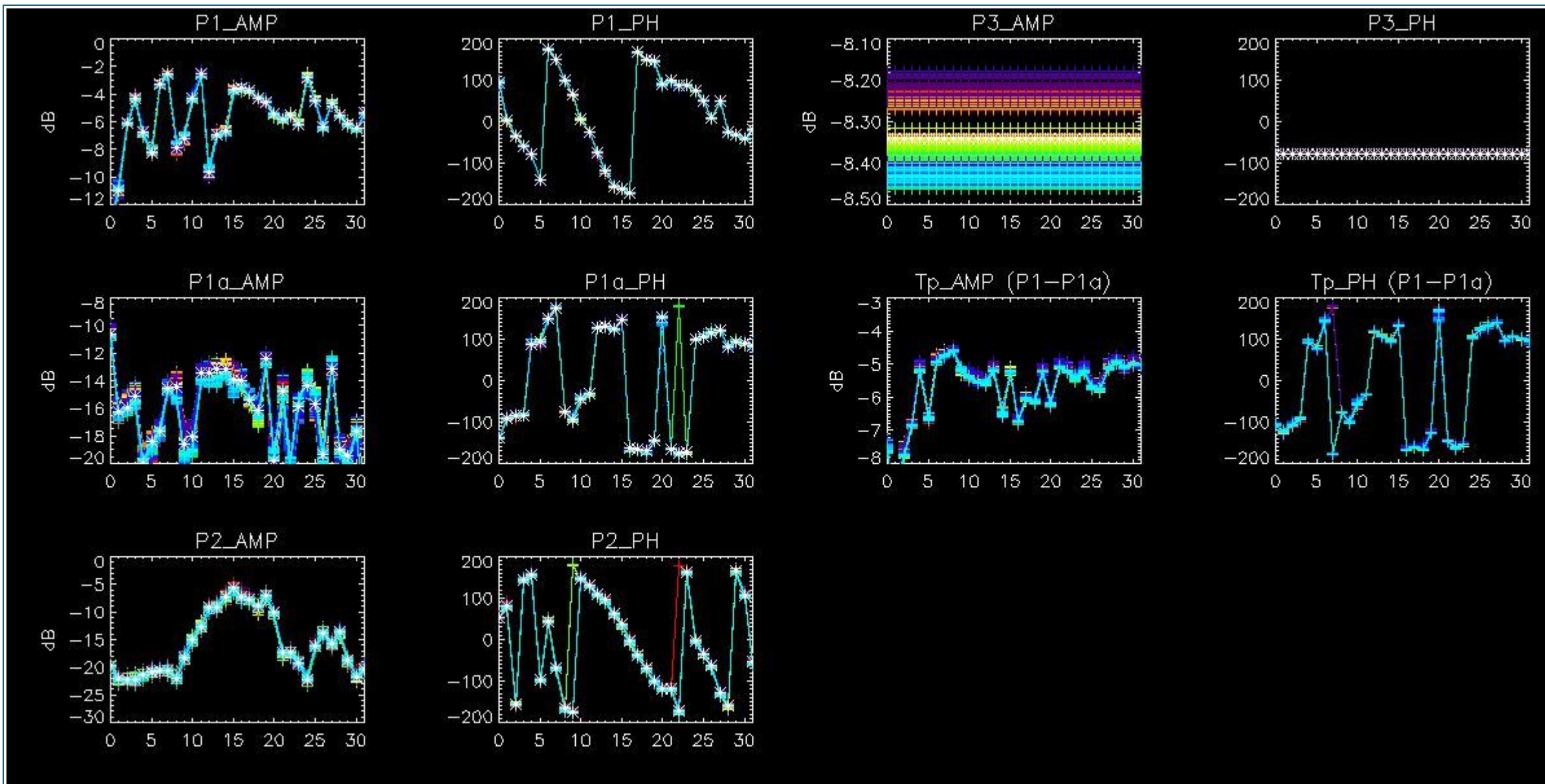


Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

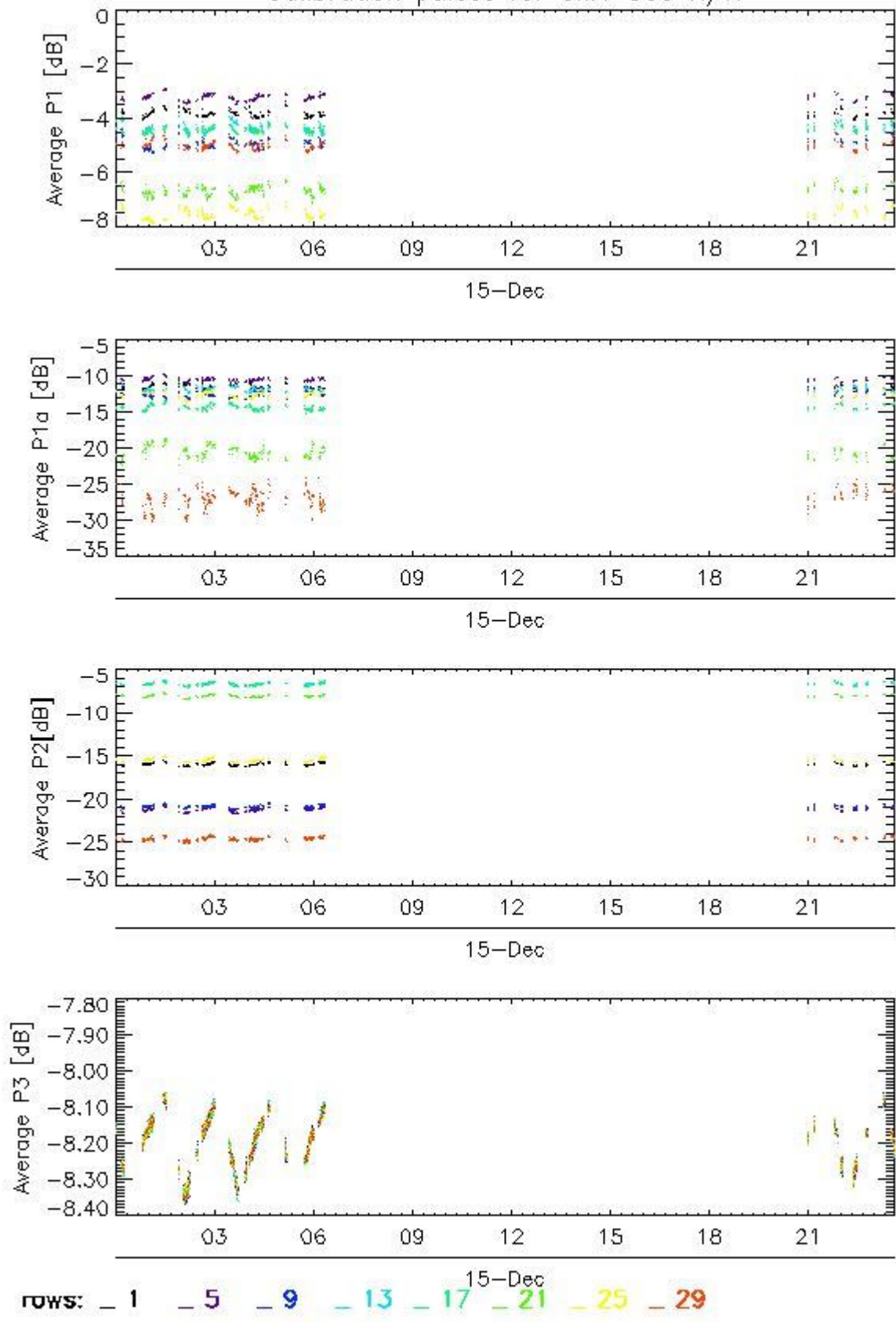
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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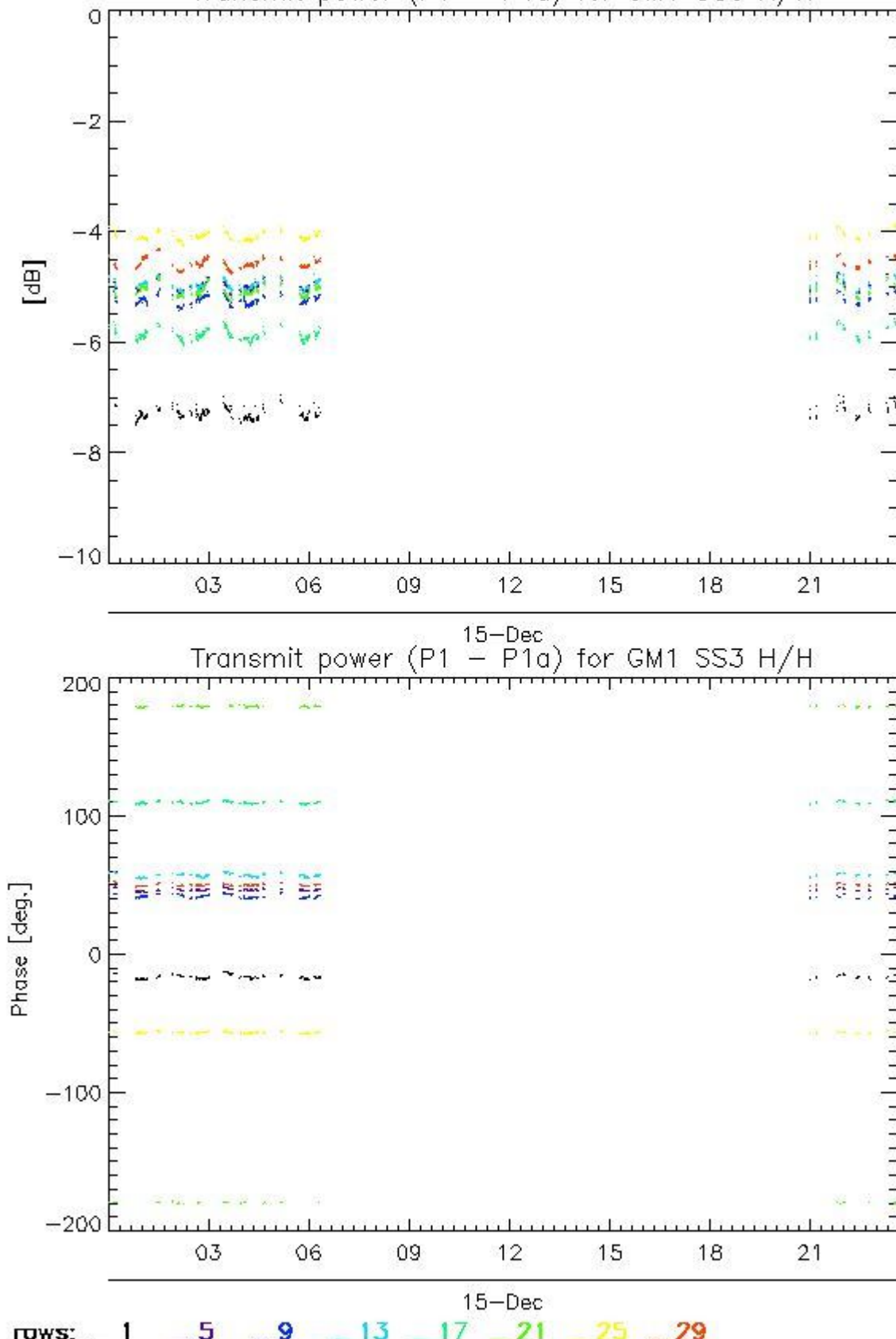
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



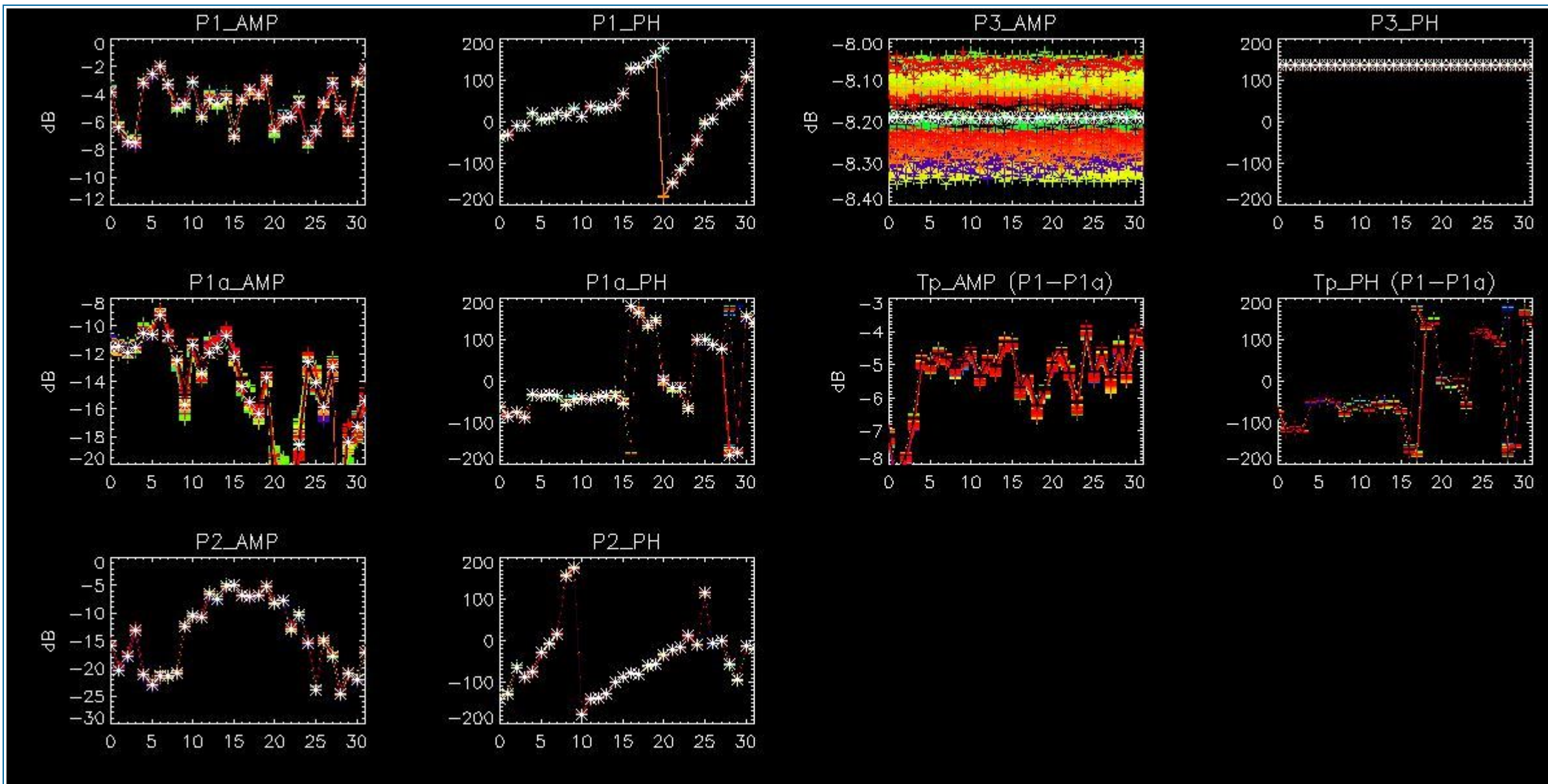
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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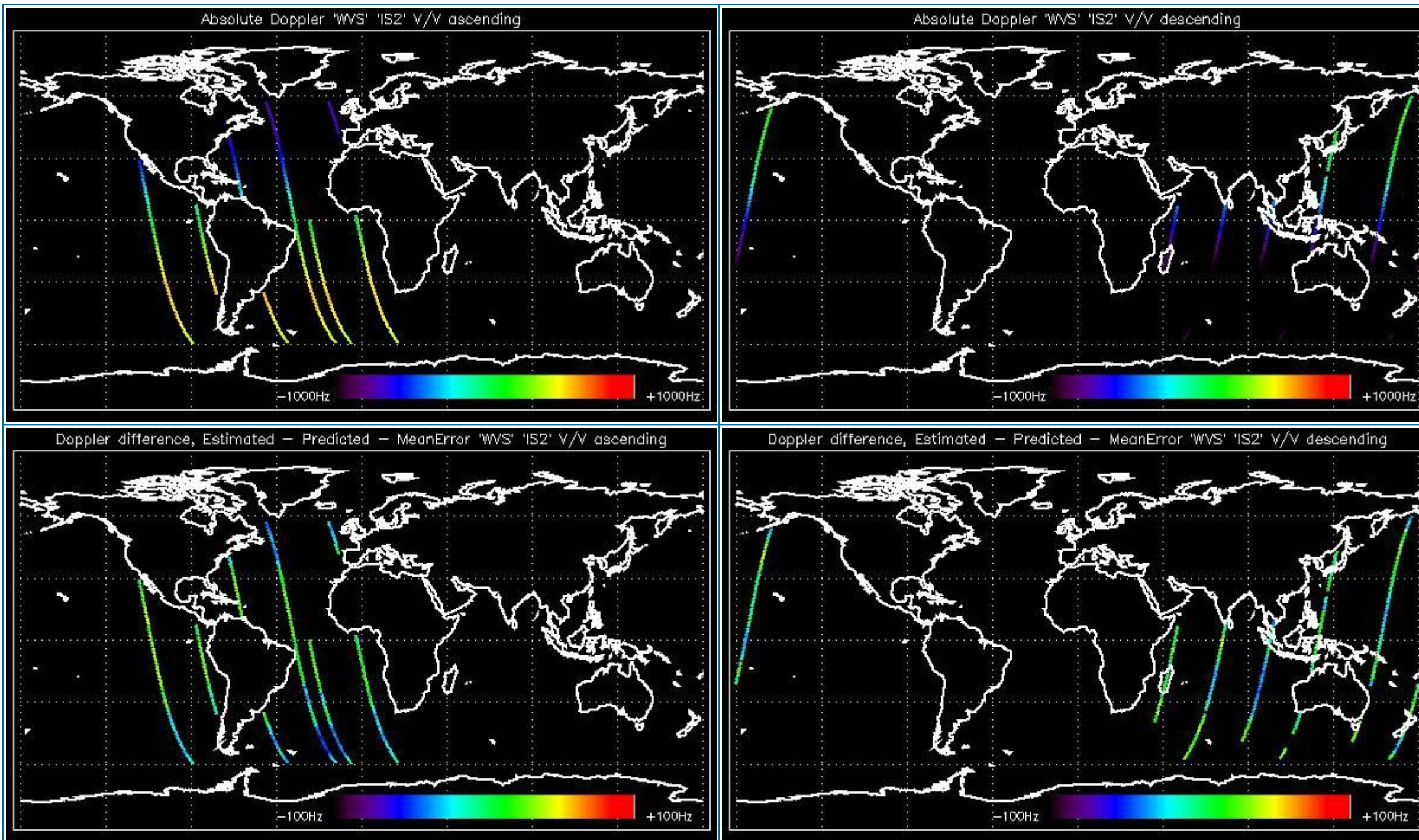
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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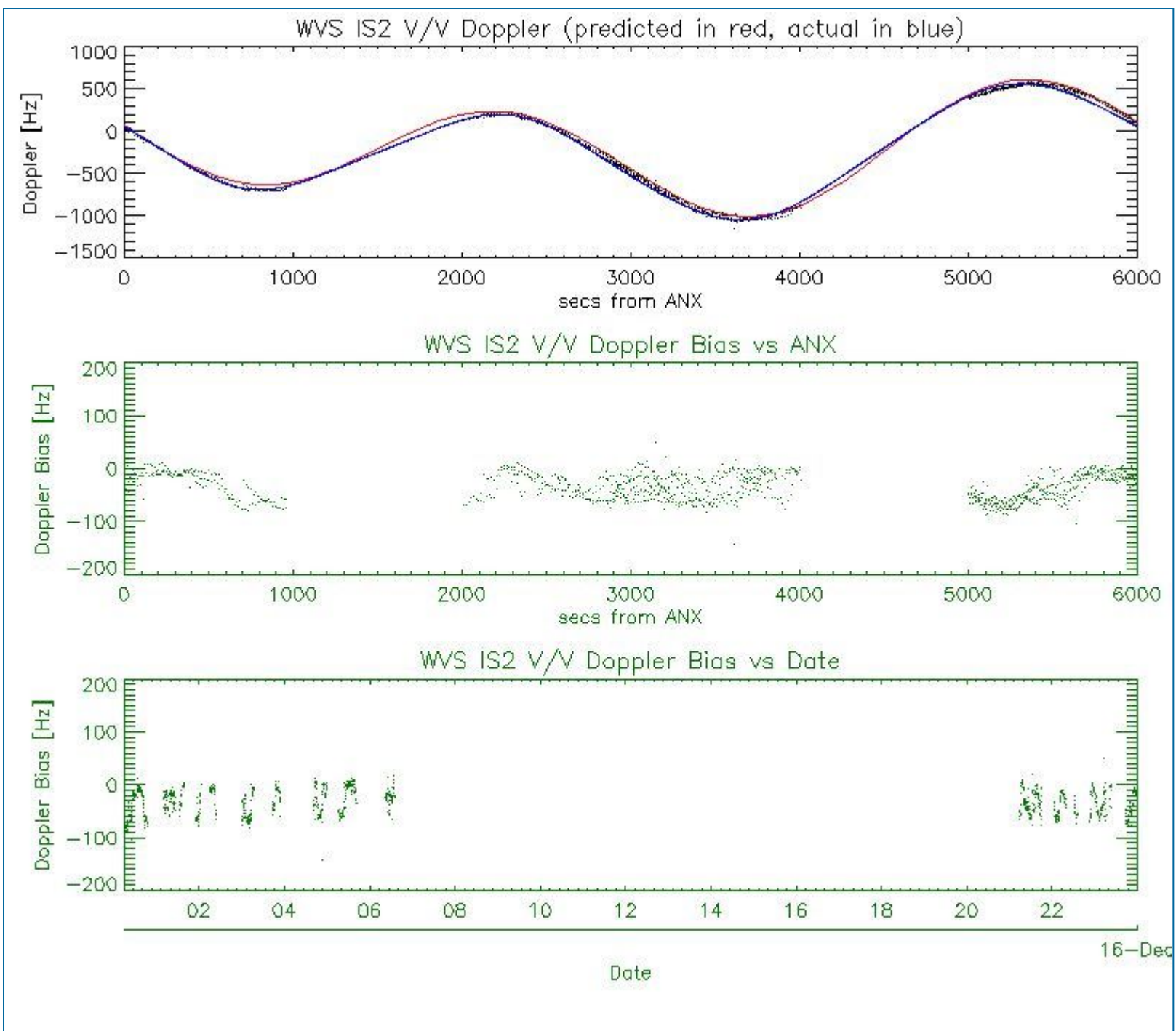




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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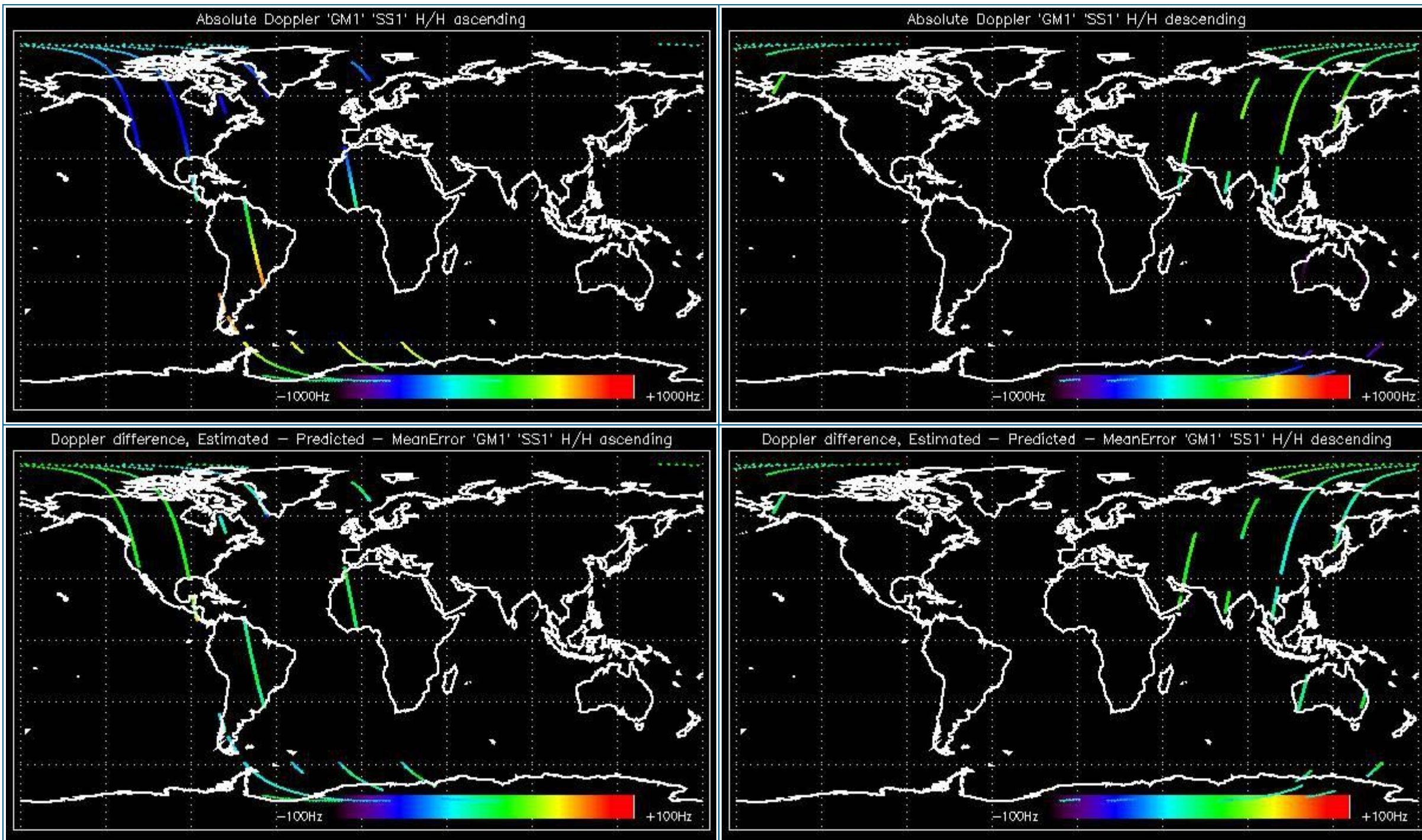


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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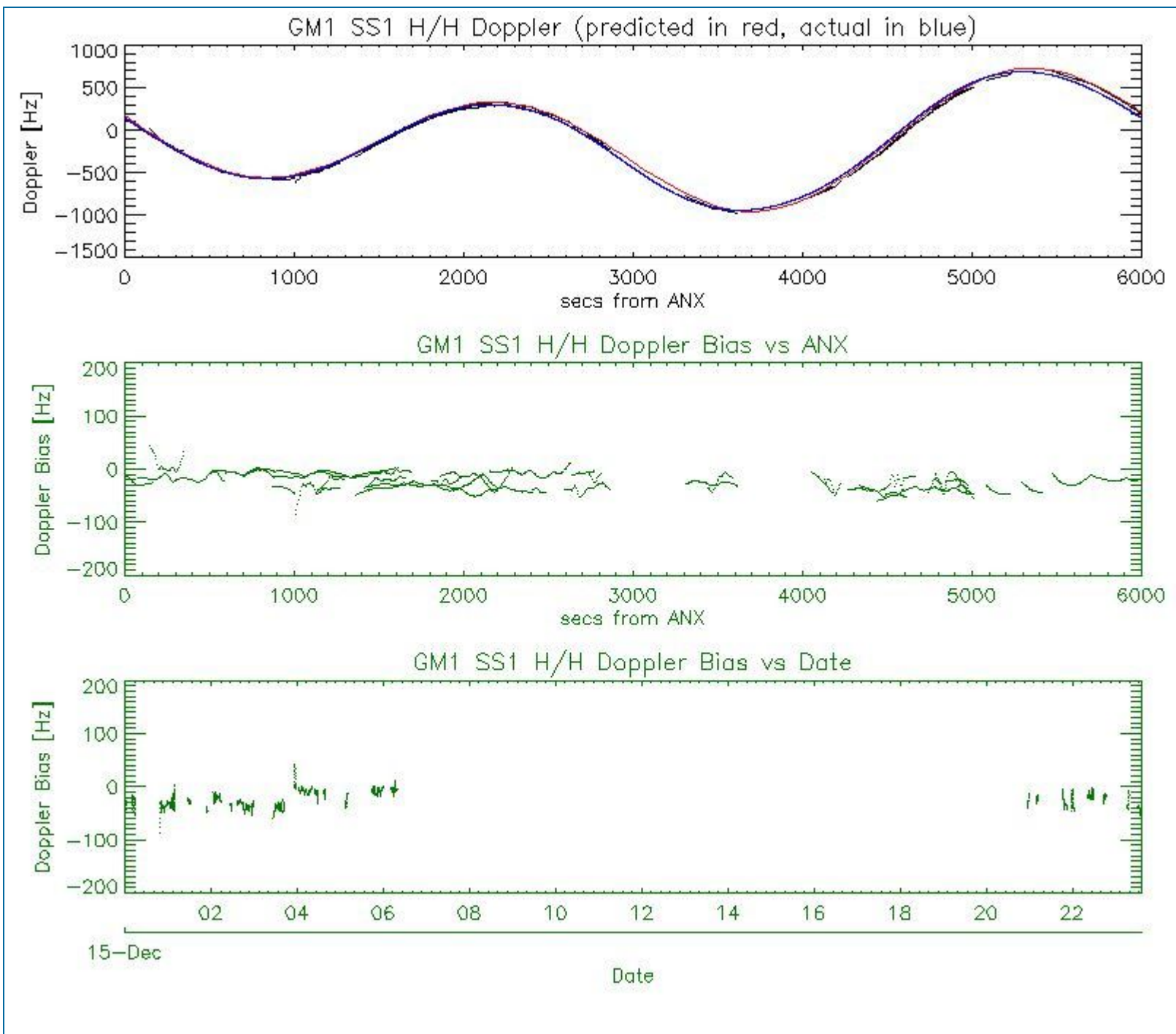




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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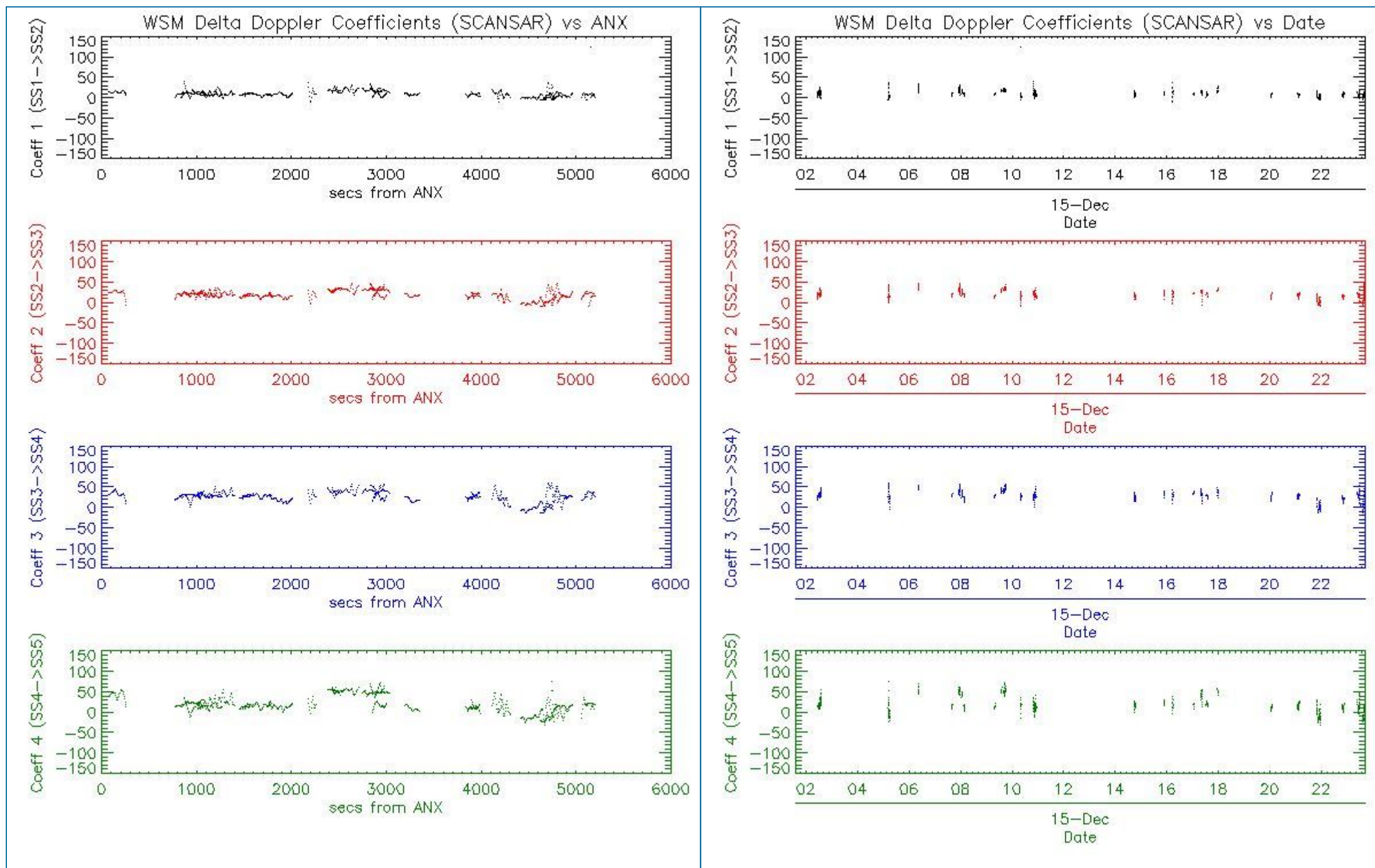




5.3 - Doppler JUMPS Analysis for WSM

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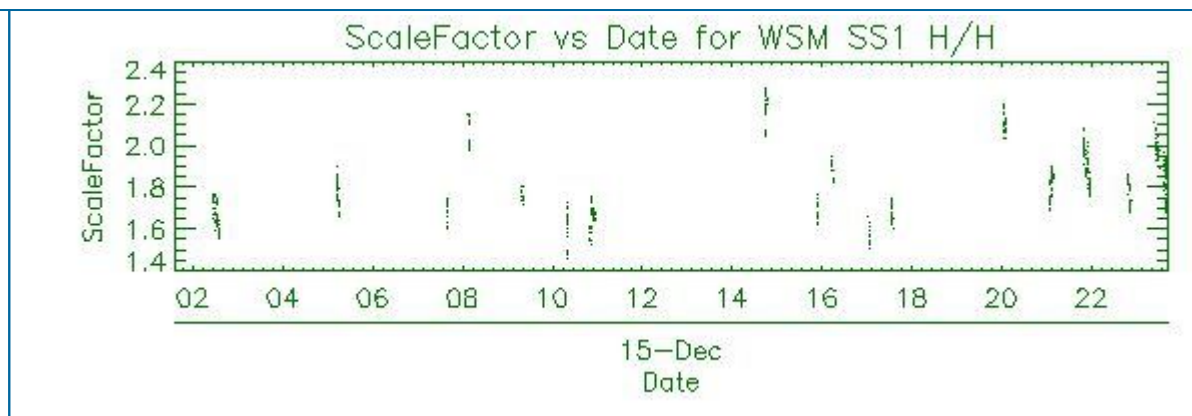
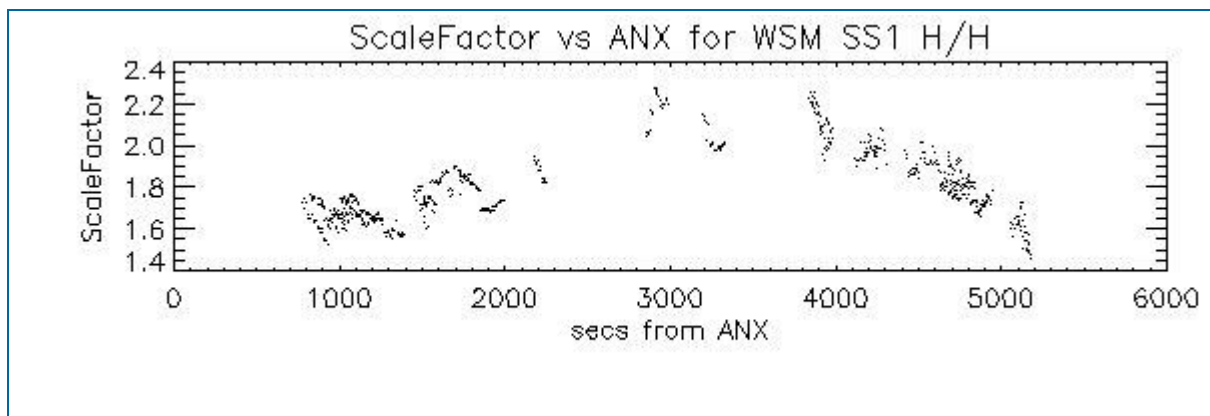
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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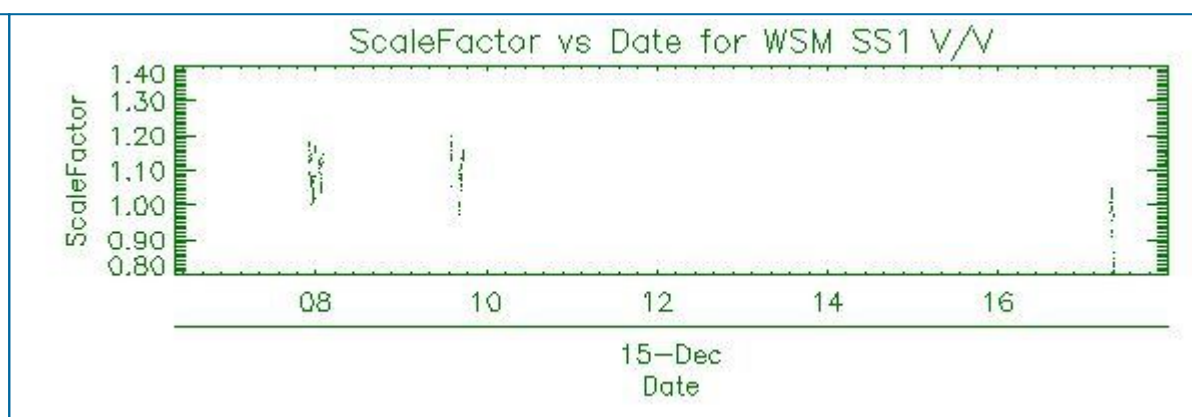
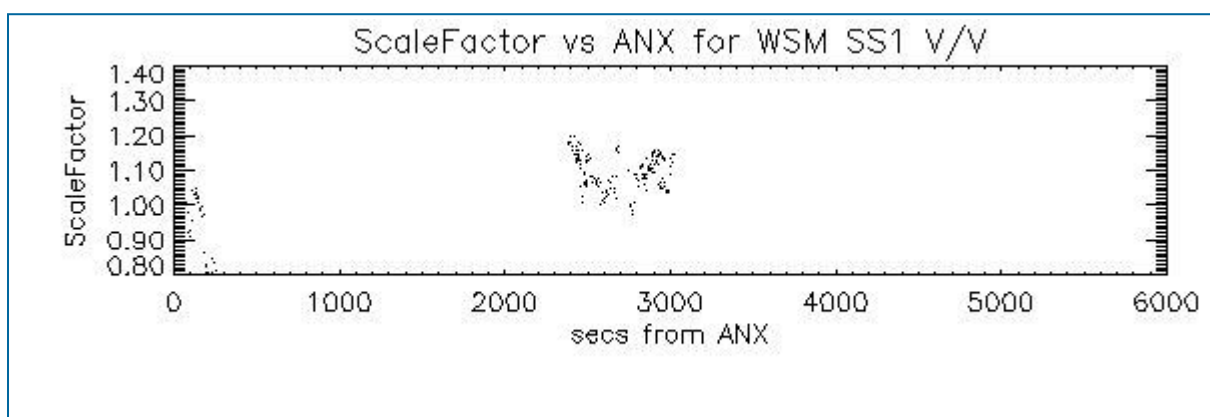




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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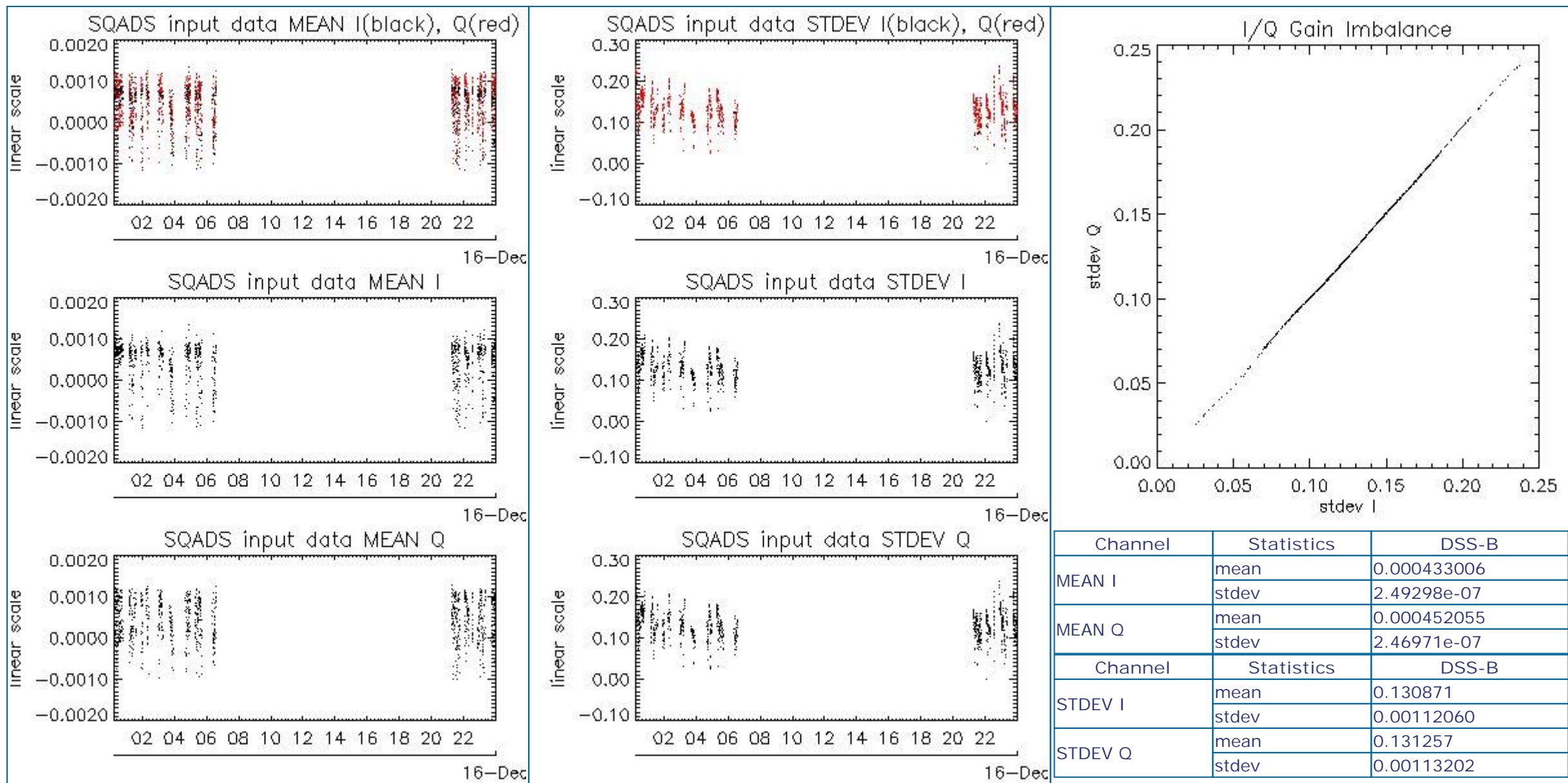


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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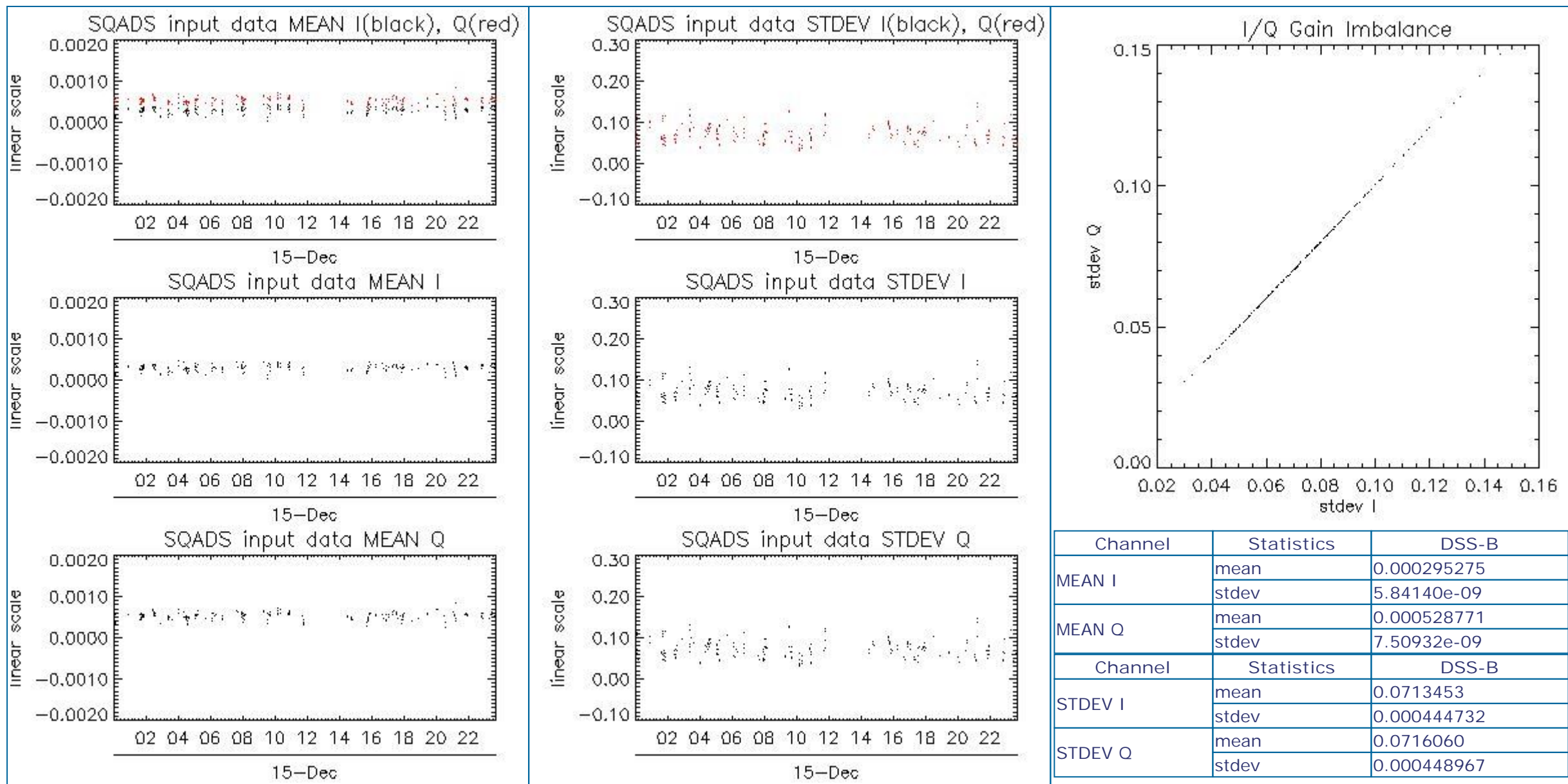
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7.2 - Analysis for IMM

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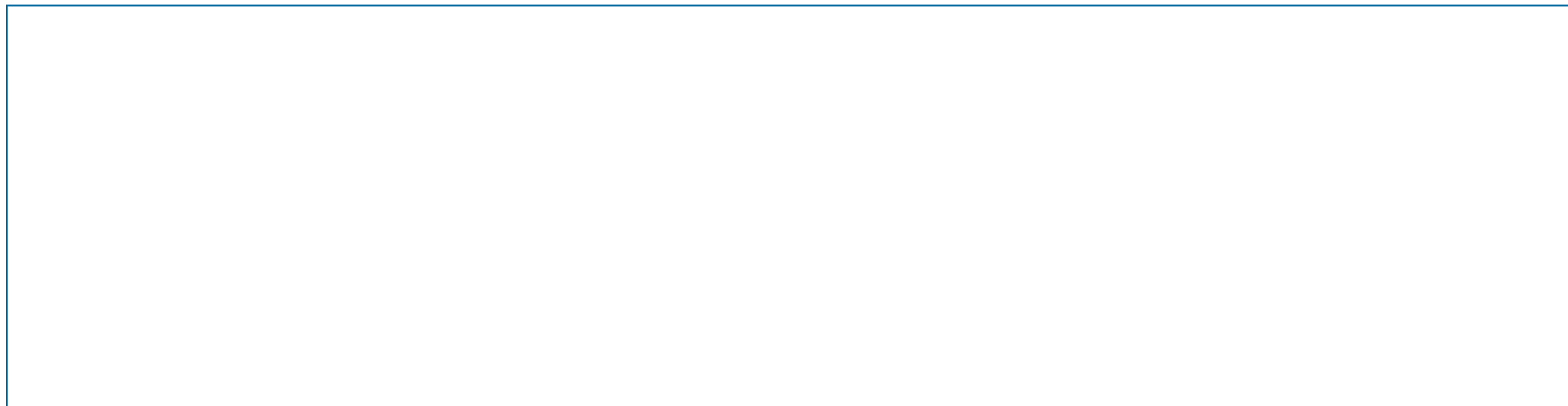


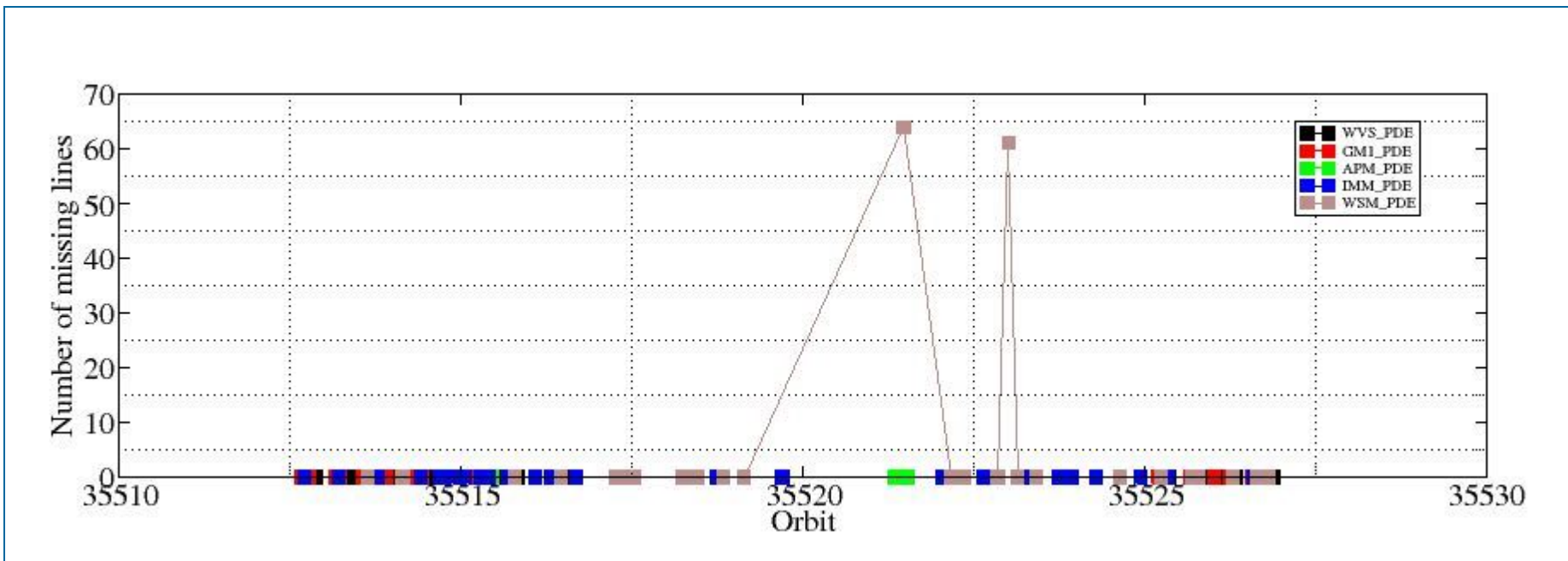
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WSM_1PNPDE20081215_144404_000001592074_00397_35521_6025.N1	0	64
PDE	ASA_WSM_1PNPDE20081215_171902_000001902074_00399_35523_6027.N1	0	61

8.1 - Number of Missing lines

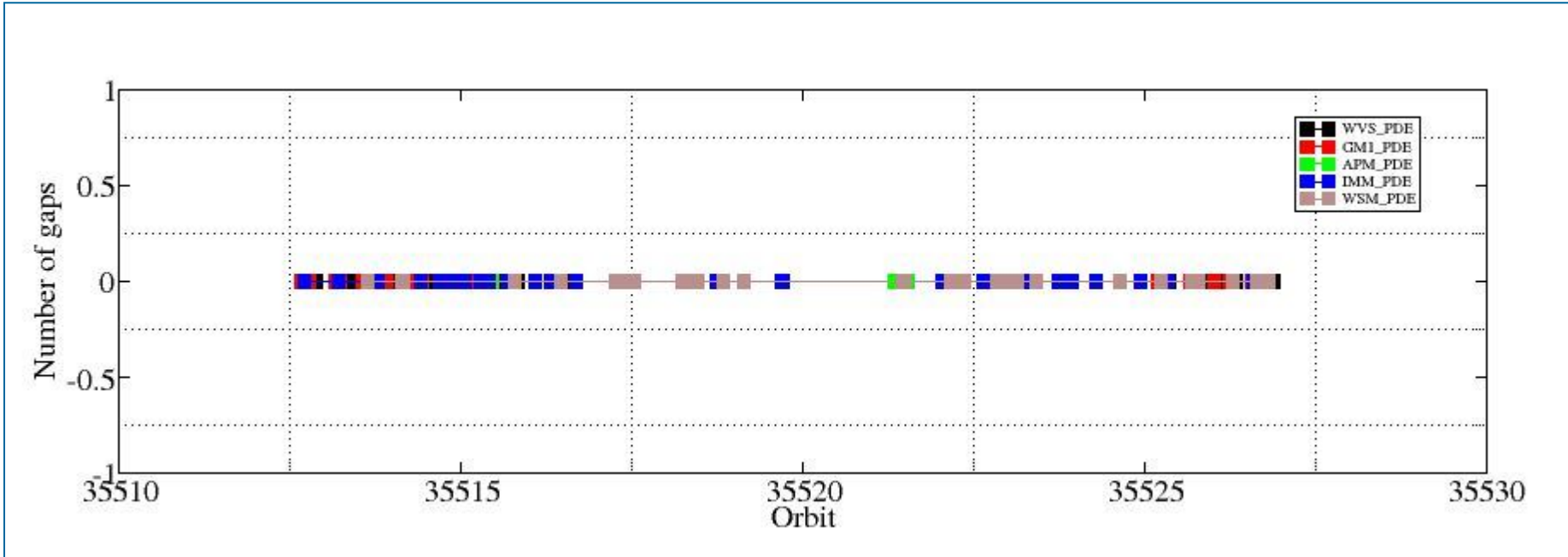
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 081215
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081215/

DATA SUMMARY

Summary will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081215/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/081215/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/081215/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081215/AUXILIARY

Creating directory ./RESULTS/DAILY/081215/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20081215_030002_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20080710_132557_20070204_165113_20081231_000000
ASA_INS_AXVIEC20071218_083603_20070307_060000_20081231_000000
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000
ASA_XCA_AXVIEC20080710_133546_20070204_165113_20081231_000000

Writing file ./RESULTS/DAILY/081215/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/081215/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20081215_001444_000003452074_00388_35512_4911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_001944_000016792074_00388_35512_5055.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_011006_000009742074_00389_35513_5060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_013211_000001652074_00389_35513_5078.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_013710_000000752074_00389_35513_5075.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_015520_000001952074_00389_35513_5068.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_015750_000002702074_00389_35513_5199.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_021516_000004942074_00390_35514_5204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_030009_000009892074_00390_35514_5222.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_034249_000007192074_00390_35514_5394.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_044112_000007342074_00391_35515_5374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_045311_000003902074_00391_35515_5509.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_051623_000015142074_00391_35515_5563.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_062210_000007792074_00392_35516_5560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20081215_211416_000018892074_00401_35525_6067.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_220233_000002242074_00401_35525_6064.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_220533_000008692074_00401_35525_6188.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_223120_000002552074_00402_35526_6181.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_225305_000013792074_00402_35526_6193.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_232105_000001652074_00402_35526_6196.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_234258_000003602074_00402_35526_6201.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_WVS_1PNPDE20081215_234813_000016642074_00402_35526_6333.N1	ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20081215_001010_000002712074_00388_35512_4908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_004833_000002652074_00389_35513_5052.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_005429_000009302074_00389_35513_5057.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_012659_000003082074_00389_35513_5072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_015340_000000962074_00389_35513_5070.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_020258_000007372074_00389_35513_5201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_022652_000001382074_00390_35514_5196.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_023559_000010682074_00390_35514_5275.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_025540_000002652074_00390_35514_5210.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_032625_000005672074_00390_35514_5347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_033705_000001442074_00390_35514_5343.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_034033_000001322074_00390_35514_5401.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_035527_000002052074_00391_35515_5341.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_040125_000011902074_00391_35515_5445.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_042404_000003322074_00391_35515_5349.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_043654_000001752074_00391_35515_5396.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_050719_000002112074_00391_35515_5519.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_054326_000010212074_00392_35516_5616.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```
ASA_GM1_1PNPDE20081215_060927_000004832074_00392_35516_5549.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_061814_000000962074_00392_35516_5557.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20081215_205754_000001632074_00401_35525_6055.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_210909_000001752074_00401_35525_6057.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_214627_000001262074_00401_35525_6059.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_215109_000000842074_00401_35525_6061.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_215838_000002292074_00401_35525_6074.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_222049_000005132074_00402_35526_6185.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_224333_000002232074_00402_35526_6183.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_231650_000001502074_00402_35526_6190.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_GM1_1PNPDE20081215_233045_000003502074_00402_35526_6198.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_APM.xls...
Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20081215_043951_000000432074_00391_35515_5339.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20081215_143137_000000432074_00397_35521_5953.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_APM_1PNPDE20081215_144959_000000432074_00397_35521_5961.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_IMM.xls...
Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20081215_000137_000005012074_00388_35512_5277.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_000240_000004392074_00388_35512_5167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_005257_000000792074_00389_35513_5151.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_014002_000001812074_00389_35513_5441.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_014002_000005612074_00389_35513_5480.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_014404_000003192074_00389_35513_5442.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_015002_000002072074_00389_35513_5327.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_025344_000001052074_00390_35514_5224.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_032052_000003222074_00390_35514_5314.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_033930_000000532074_00390_35514_5319.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_035958_000000762074_00391_35515_5337.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_042115_000001572074_00391_35515_5492.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_042933_000001222074_00391_35515_5624.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_042933_000004322074_00391_35515_5630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_043335_000001902074_00391_35515_5625.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_050146_000002022074_00391_35515_5632.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_050546_000000822074_00391_35515_5643.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_054210_000000632074_00392_35516_5486.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_060606_000001912074_00392_35516_5653.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_061726_000000372074_00392_35516_5488.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_064309_000002022074_00392_35516_5628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_080016_000000832074_00393_35517_5716.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_093147_000001002074_00394_35518_5718.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_100848_000000632074_00394_35518_5768.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_100848_000001422074_00394_35518_5870.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_101044_000001452074_00394_35518_5797.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_101051_000000192074_00394_35518_5772.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_114343_000000822074_00395_35519_5860.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_114557_000001572074_00395_35519_5868.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20081215_154135_000001422074_00398_35522_5963.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_154553_000001832074_00398_35522_5959.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_154553_000002602074_00398_35522_5979.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_154955_000000182074_00398_35522_5941.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_164124_000001092074_00398_35522_6029.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_164227_000000462074_00398_35522_5977.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_165312_000002172074_00398_35522_5990.N1 ASA_CON -> NOT OK ASA_INS -> NOT OK ASA_XCH -> NOT OK ASA_XCA -> NOT OK
```



```

ASA_IMM_1PNPDE20081215_174635_000000392074_00399_35523_5995.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_175133_000000692074_00399_35523_6033.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_175449_000001772074_00399_35523_6021.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_183134_000000342074_00399_35523_6007.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_185147_000000372074_00399_35523_6031.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_192623_000001142074_00400_35524_6051.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_203211_000001342074_00400_35524_6053.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_211200_000001302074_00401_35525_6471.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_IMM_1PNPDE20081215_231921_000000372074_00402_35526_6275.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK

```

Analysing WSM products...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/081215/AUXILIARY/Check_ADFs_WSM.txt...

```

ASA_WSM_1PNPDE20081215_013541_000000912074_00389_35513_5345.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_022515_000000922074_00390_35514_5280.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_022914_0000003972074_00390_35514_5439.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_051056_000002502074_00391_35515_5700.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_062042_000000732074_00392_35516_5490.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_073921_000000912074_00393_35517_5774.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_075438_000001892074_00393_35517_5874.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_075438_000002812074_00393_35517_5886.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_075849_000000302074_00393_35517_5675.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_080206_000001642074_00393_35517_5788.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_080718_000001342074_00393_35517_5778.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_080718_000001642074_00393_35517_5816.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_091852_000000922074_00394_35518_5818.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_093425_000000912074_00394_35518_5862.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_094033_000002372074_00394_35518_5799.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_101856_000001532074_00394_35518_5884.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_104947_000003732074_00395_35519_5919.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_104947_000004152074_00395_35519_5931.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20081215_144404_000001592074_00397_35521_6025.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_155401_000000922074_00398_35522_5943.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_161324_000000922074_00398_35522_6023.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_170208_000000912074_00398_35522_6009.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_171902_000001902074_00399_35523_6027.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_173140_000002082074_00399_35523_5993.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_175814_000000732074_00399_35523_6011.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_175814_000000912074_00399_35523_6049.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_200237_000000732074_00400_35524_6039.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_200237_000001352074_00400_35524_6178.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_210340_000003122074_00401_35525_6580.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_214835_000001342074_00401_35525_6327.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_215235_000001342074_00401_35525_6312.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_215235_000003602074_00401_35525_6368.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_215747_000000482074_00401_35525_6163.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_224832_000002752074_00402_35526_6767.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_232434_000000912074_00402_35526_6313.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_232811_000001342074_00402_35526_6316.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_233639_000002502074_00402_35526_6597.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_233639_000003422074_00402_35526_6777.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK
ASA_WSM_1PNPDE20081215_234151_000000302074_00402_35526_6295.N1  ASA_CON -> NOT OK  ASA_INS -> NOT OK  ASA_XCH -> NOT OK  ASA_XCA -> NOT OK

```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/081215/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/081215/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/081215/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDE20081215_050026_000000162074_00391_35515_0367.N1
H
H
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/TGH_20081215_050026-20050922_062651.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/TPH_20081215_050026-20050922_062651.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/RGH_20081215_050026-20050922_062651.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/RPH_20081215_050026-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDE20081214_053203_000000162074_00377_35501_0366.N1
V
V
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/TGV_20081214_053203-20050923_055514.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/TPV_20081214_053203-20050923_055514.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/RGV_20081214_053203-20050923_055514.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/SECOND_REFERENCE/RPV_20081214_053203-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20081213_060340_000000162074_00363_35487_0700.N1
Test product: ASA_MS__0PNPDE20081215_050026_000000162074_00391_35515_0367.N1
H
H
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20081215_050026-20081213_060340.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20081215_050026-20081213_060340.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20081215_050026-20081213_060340.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20081215_050026-20081213_060340.png

Polarization: V
Reference product: ASA_MS__0PNPDK20081212_063517_000000162074_00349_35473_0699.N1
Test product: ASA_MS__0PNPDE20081214_053203_000000162074_00377_35501_0366.N1
V
V
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20081214_053203-20081212_063517.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20081214_053203-20081212_063517.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20081214_053203-20081212_063517.png
../../RESULTS/DAILY/081215/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20081214_053203-20081212_063517.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS
#####

Creating directory ./RESULTS/DAILY/081215/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59

Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-12-15_1.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-12-15_2.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-12-15_3.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2008-12-15_4.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/081215//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 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-12-15_1.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-12-15_2.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-12-15_3.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2008-12-15 00:00:00 to 2008-12-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/081215/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2008-12-15_4.dat...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/081215//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/081215/DOPPLER...

DOPPLER ANX Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DOPPLER/Doppler_data_WVS_IS2_VV_2008-12-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081215/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DOPPLER/Doppler_data_GM1_SS1_HH_2008-12-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081215/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2008-12-15 00:00:00 to 2008-12-15 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/DOPPLER/Doppler_Jumps_data_WSM_2008-12-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081215/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/081215/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 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 = -32.387968 Hz
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -34.703395 Hz
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/081215//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 = -25.250470 Hz
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
Loading predicted doppler values...
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -21.532306 Hz
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/081215//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/081215/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/CHIRP/ScaleFactor_data_WSM_SS1_HH_2008-12-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081215/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/081215/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/CHIRP/ScaleFactor_data_WSM_SS1_VV_2008-12-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/081215/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/081215/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081215/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/081215/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/RAW_DATA/Raw_data_WVS_2008-12-15.dat...
Running IDL program to create graphs...
```

Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_WVS_input_stddev.png...
Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2008-12-15 00:00:00 to 2008-12-15 23:59:59...
Writing file ./RESULTS/DAILY/081215/RAW_DATA/Raw_data_IMM_2008-12-15.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_IMM_input_stddev.png...
Creating image ../../RESULTS/DAILY/081215/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2008-12-15 00:00:00 to 2008-12-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/081215/TELEMETRY

Creating directory ./RESULTS/DAILY/081215/TELEMETRY...

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

Checking 22 products from PDE...
No products from PDK...

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

Checking 30 products from PDE...
No 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 45 products from PDE...
No products from PDK...

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

Checking 39 products from PDE...
Found product...ASA_WSM_1PNPDE20081215_144404_000001592074_00397_35521_6025.N1 / 0 gaps / 64 missing lines
Found product...ASA_WSM_1PNPDE20081215_171902_000001902074_00399_35523_6027.N1 / 0 gaps / 61 missing lines
No products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/081215/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/081215/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS

Analysis will be performed on 2008-12-15

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20081215/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_032625_000005672074_00390_35514_5348.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_033705_000001442074_00390_35514_5344.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_034033_000001322074_00390_35514_5402.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_035527_000002052074_00391_35515_5342.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_040125_000011902074_00391_35515_5446.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_042404_000003322074_00391_35515_5350.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_043654_000001752074_00391_35515_5397.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_050719_000002112074_00391_35515_5520.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_054326_000010212074_00392_35516_5617.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_060927_000004832074_00392_35516_5550.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_061814_000000962074_00392_35516_5558.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_205754_000001632074_00401_35525_6056.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_210909_000001752074_00401_35525_6058.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_214627_000001262074_00401_35525_6060.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_215109_000000842074_00401_35525_6062.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_215838_000002292074_00401_35525_6075.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_222049_000005132074_00402_35526_6186.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_224333_000002232074_00402_35526_6184.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_231650_000001502074_00402_35526_6191.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM_BP/ASA_GM_BPZPDE20081215_233045_000003502074_00402_35526_6199.N1 ...

ANALYSIS COMPLETED: 20 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20081215/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20081215_043951_000000432074_00391_35515_5340.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20081215_143137_000000432074_00397_35521_5954.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP_BP/ASA_AP_BPZPDE20081215_144959_000000432074_00397_35521_5962.N1 ...

ANALYSIS COMPLETED: 3 AP browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20081215/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_014002_000001812074_00389_35513_5443.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_014002_000005612074_00389_35513_5481.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_014404_000003192074_00389_35513_5444.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_033930_000000532074_00390_35514_5320.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_042115_000001572074_00391_35515_5493.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_042933_000001222074_00391_35515_5626.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_043335_000001902074_00391_35515_5627.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_054210_000000632074_00392_35516_5487.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_061726_000000372074_00392_35516_5489.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_064309_000002022074_00392_35516_5629.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_080016_000000832074_00393_35517_5717.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_093147_000001002074_00394_35518_5719.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_100848_000000632074_00394_35518_5769.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_100848_000001422074_00394_35518_5871.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_101044_000001452074_00394_35518_5798.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_101051_000000192074_00394_35518_5773.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_114343_000000822074_00395_35519_5861.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_114557_000001572074_00395_35519_5869.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_154135_000001422074_00398_35522_5964.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_154553_000001832074_00398_35522_5960.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_154553_000002602074_00398_35522_5980.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_154955_000000182074_00398_35522_5942.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_164124_000001092074_00398_35522_6030.N1 ...



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Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_164227_000000462074_00398_35522_5978.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_165312_000002172074_00398_35522_5991.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_174635_000000392074_00399_35523_5996.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_175133_000000692074_00399_35523_6034.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_175449_000001772074_00399_35523_6022.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_183134_000000342074_00399_35523_6008.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_185147_000000372074_00399_35523_6032.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_192623_000001142074_00400_35524_6052.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_203211_000001342074_00400_35524_6054.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_211200_000001302074_00401_35525_6472.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20081215_231921_000000372074_00402_35526_6276.N1 ...
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ANALYSIS COMPLETED: 34 IM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20081215/

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Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_022914_000003972074_00390_35514_5440.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_062042_000000732074_00392_35516_5491.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_073921_000000912074_00393_35517_5775.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_075438_000001892074_00393_35517_5875.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_075438_000002812074_00393_35517_5887.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_075849_000000302074_00393_35517_5676.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_080206_000001642074_00393_35517_5789.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_080718_000001342074_00393_35517_5779.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_080718_000001642074_00393_35517_5817.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_091852_000000922074_00394_35518_5819.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_093425_000000912074_00394_35518_5863.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_094033_000002372074_00394_35518_5800.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_101856_000001532074_00394_35518_5885.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_104947_000003732074_00395_35519_5920.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_104947_000004152074_00395_35519_5932.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_144404_000001592074_00397_35521_6026.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_155401_000000922074_00398_35522_5944.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_161324_000000922074_00398_35522_6024.N1 ...
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Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_200237_000001352074_00400_35524_6179.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_210340_000003122074_00401_35525_6581.N1 ...
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Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_233639_000003422074_00402_35526_6778.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20081215_234151_000000302074_00402_35526_6296.N1 ...
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ANALYSIS COMPLETED: 37 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed

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HTML REPORT generation

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Building file ./RESULTS/DAILY/081215/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...
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HTML REPORT generation completed

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ASAR Daily Report



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20081215_043951_000000432074_00391_35515_5339.N1				OK OK OK OK
ASA_APM_1PNPDE20081215_143137_000000432074_00397_35521_5953.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_APM_1PNPDE20081215_144959_000000432074_00397_35521_5961.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			

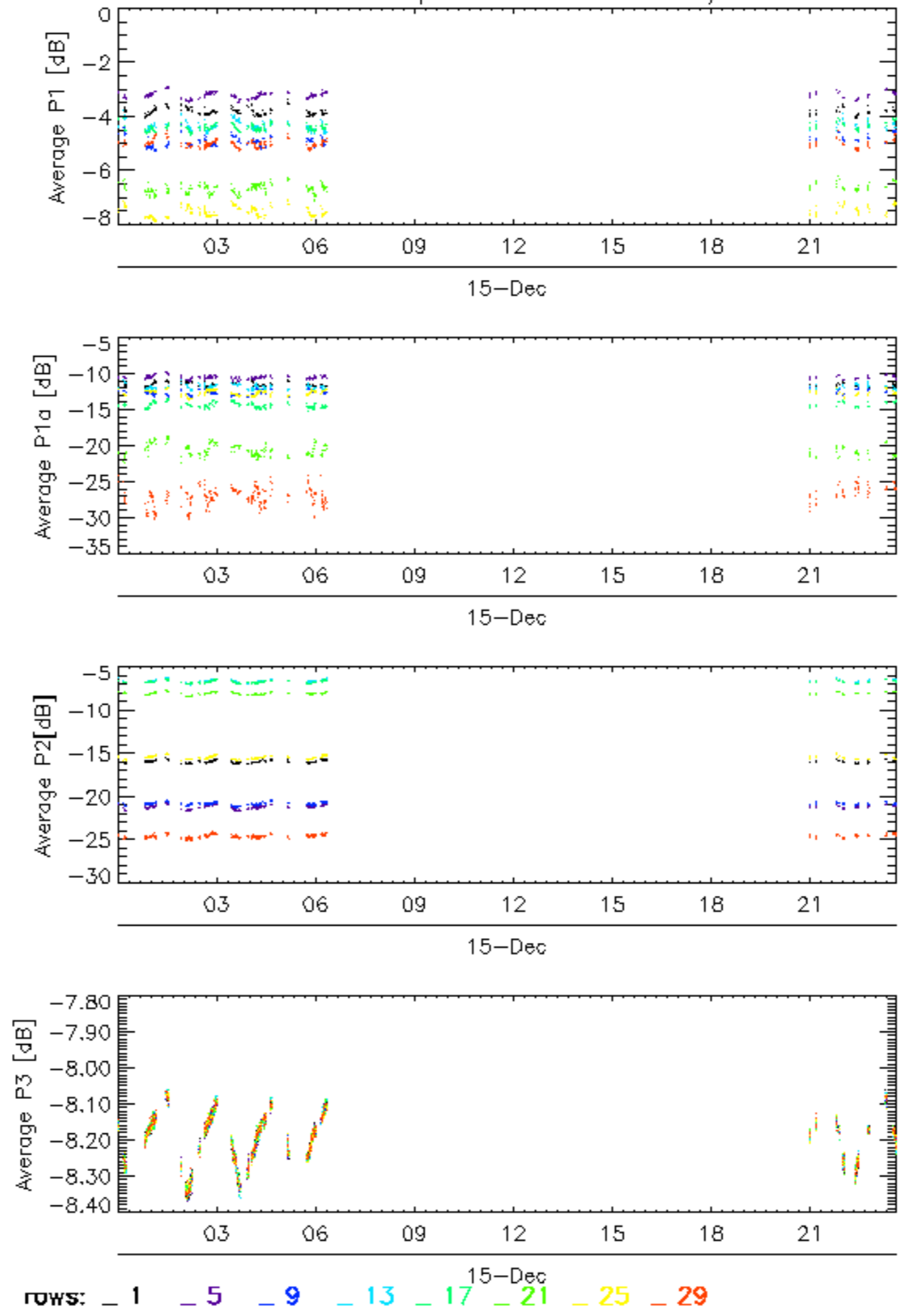
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_GM1_1PNPDE20081215_001010_000002712074_00388_35512_4908.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_004833_000002652074_00389_35513_5052.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_005429_000009302074_00389_35513_5057.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_012659_000003082074_00389_35513_5072.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_015340_000000962074_00389_35513_5070.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_020258_000007372074_00389_35513_5201.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_022652_000001382074_00390_35514_5196.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_023559_000010682074_00390_35514_5275.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_025540_000002652074_00390_35514_5210.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_032625_000005672074_00390_35514_5347.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_033705_000001442074_00390_35514_5343.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_034033_000001322074_00390_35514_5401.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_035527_000002052074_00391_35515_5341.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_040125_000011902074_00391_35515_5445.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_042404_000003322074_00391_35515_5349.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_043654_000001752074_00391_35515_5396.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_050719_000002112074_00391_35515_5519.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_054326_000010212074_00392_35516_5616.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_060927_000004832074_00392_35516_5549.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_061814_000000962074_00392_35516_5557.N1		OK	OK	OK
ASA_GM1_1PNPDE20081215_205754_000001632074_00401_35525_6055.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_210909_000001752074_00401_35525_6057.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_214627_000001262074_00401_35525_6059.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_215109_000000842074_00401_35525_6061.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_215838_000002292074_00401_35525_6074.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_222049_000005132074_00402_35526_6185.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_224333_000002232074_00402_35526_6183.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_GM1_1PNPDE20081215_231650_000001502074_00402_35526_6190.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000			ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
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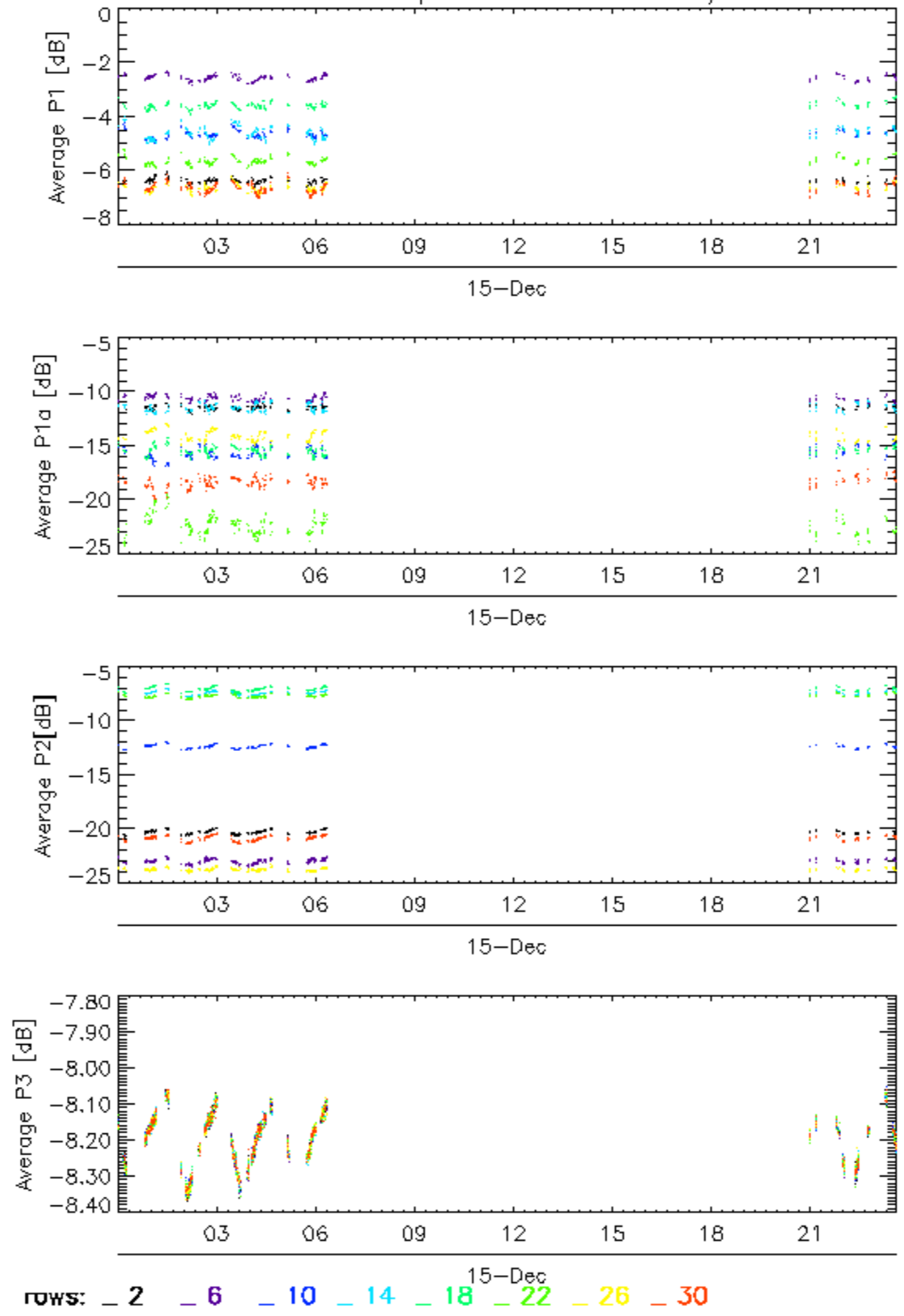
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_WVS_1PNPDE20081215_001444_000003452074_00388_35512_4911.N1	OK	OK	OK	OK
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ASA_WVS_1PNPDE20081215_011006_000009742074_00389_35513_5060.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_013211_000001652074_00389_35513_5078.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_013710_000000752074_00389_35513_5075.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_015520_000001952074_00389_35513_5068.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_015750_000002702074_00389_35513_5199.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_021516_000004942074_00390_35514_5204.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_030009_000009892074_00390_35514_5222.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_034249_000007192074_00390_35514_5394.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_044112_000007342074_00391_35515_5374.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_045311_000003902074_00391_35515_5509.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_051623_000015142074_00391_35515_5563.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_062210_000007792074_00392_35516_5560.N1	OK	OK	OK	OK
ASA_WVS_1PNPDE20081215_211416_000018892074_00401_35525_6067.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_220233_000002242074_00401_35525_6064.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_220533_000008692074_00401_35525_6188.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_223120_000002552074_00402_35526_6181.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
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ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_232105_000001652074_00402_35526_6196.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_234258_000003602074_00402_35526_6201.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000	ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000			
ASA_WVS_1PNPDE20081215_234813_000016642074_00402_35526_6333.N1	ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000	ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000		
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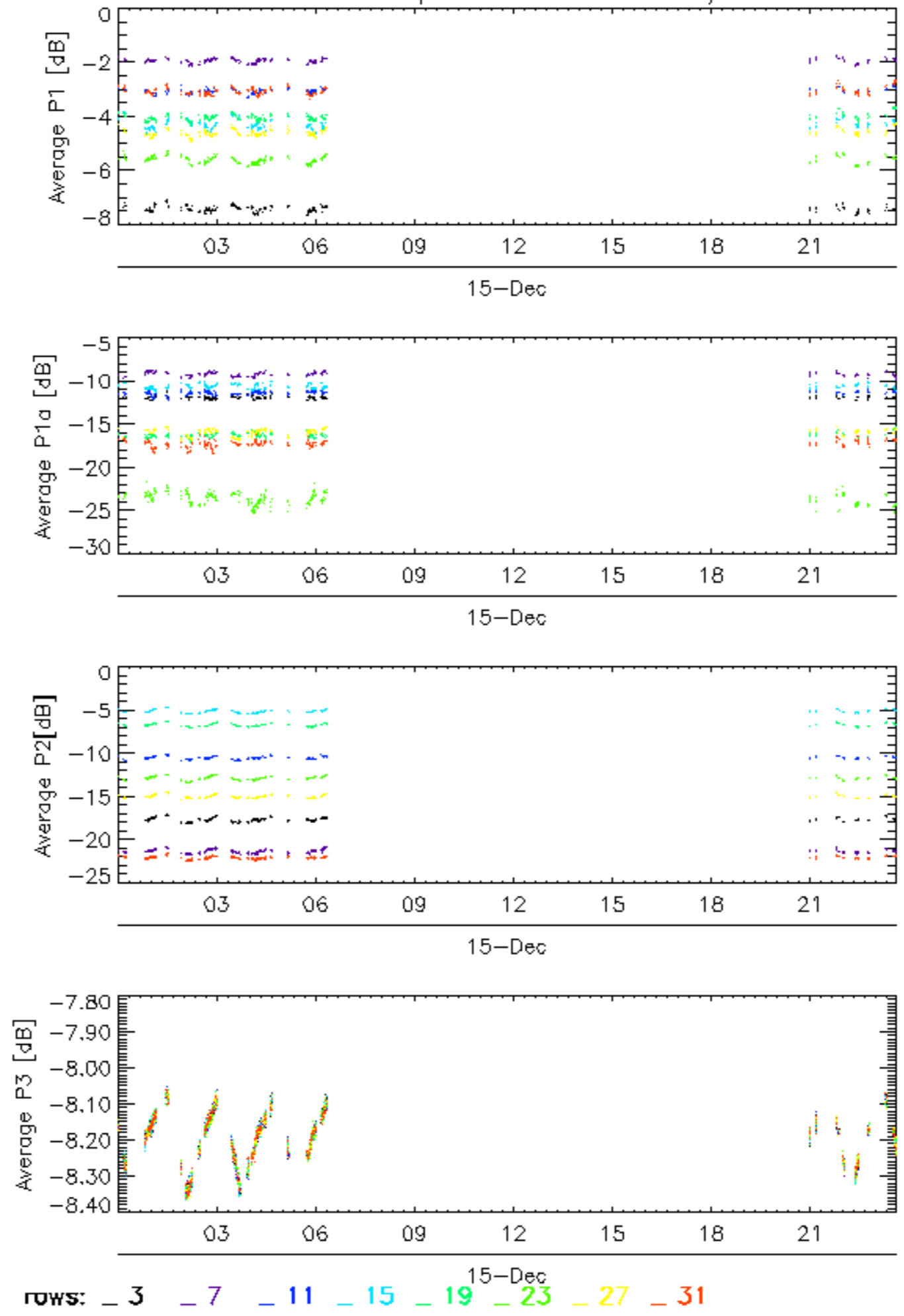
Calibration pulses for GM1 SS3 H/H



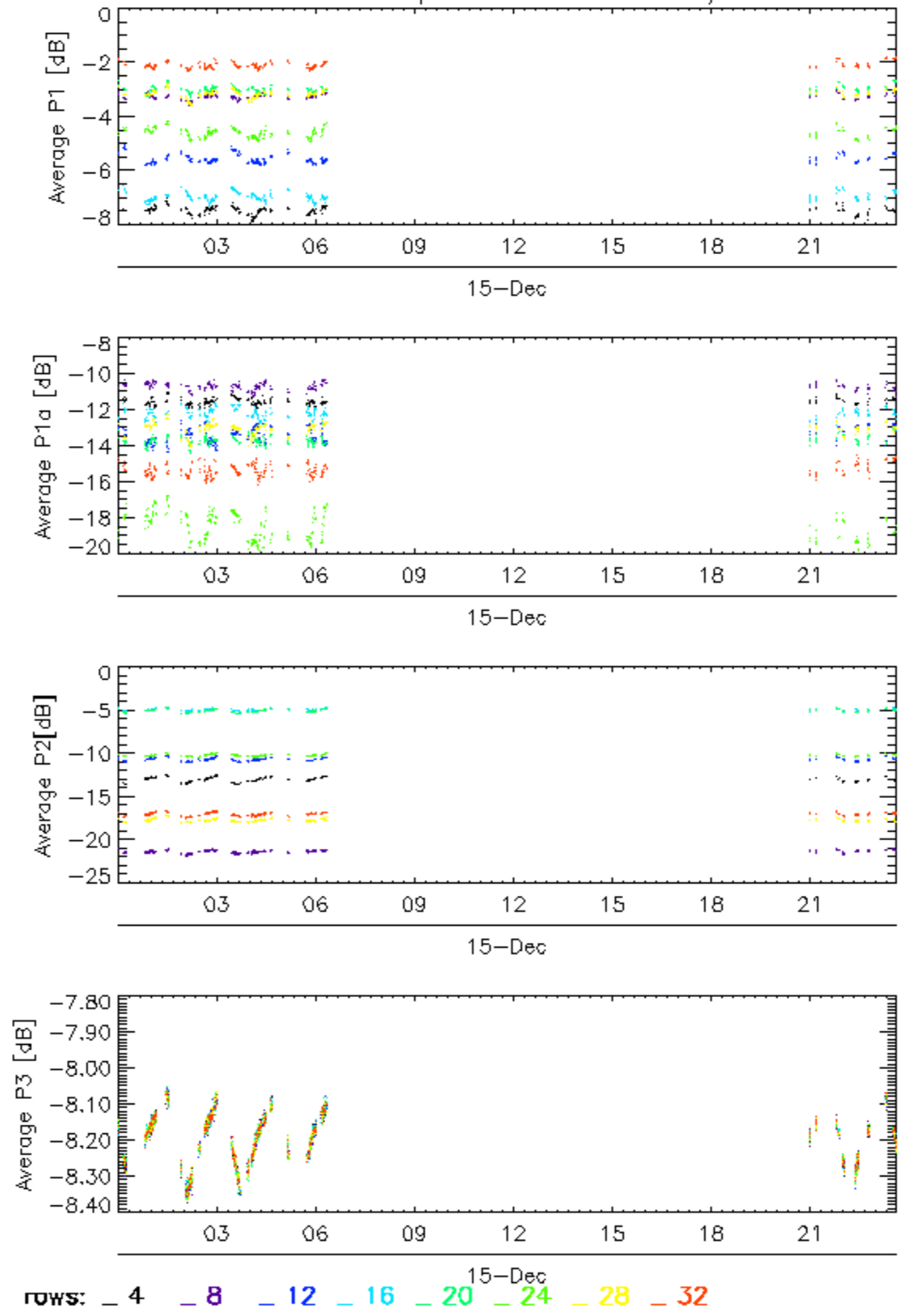
Calibration pulses for GM1 SS3 H/H



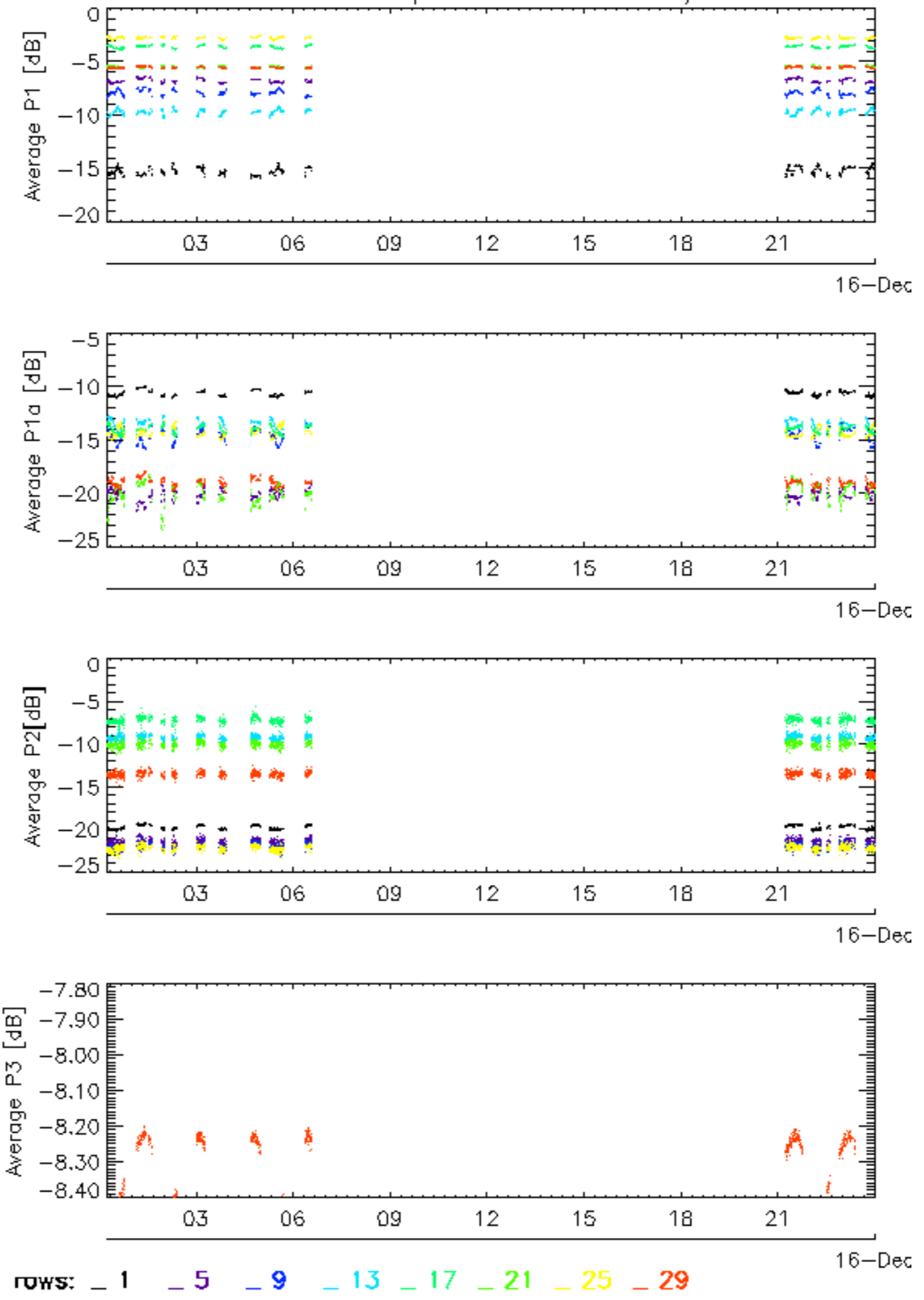
Calibration pulses for GM1 SS3 H/H



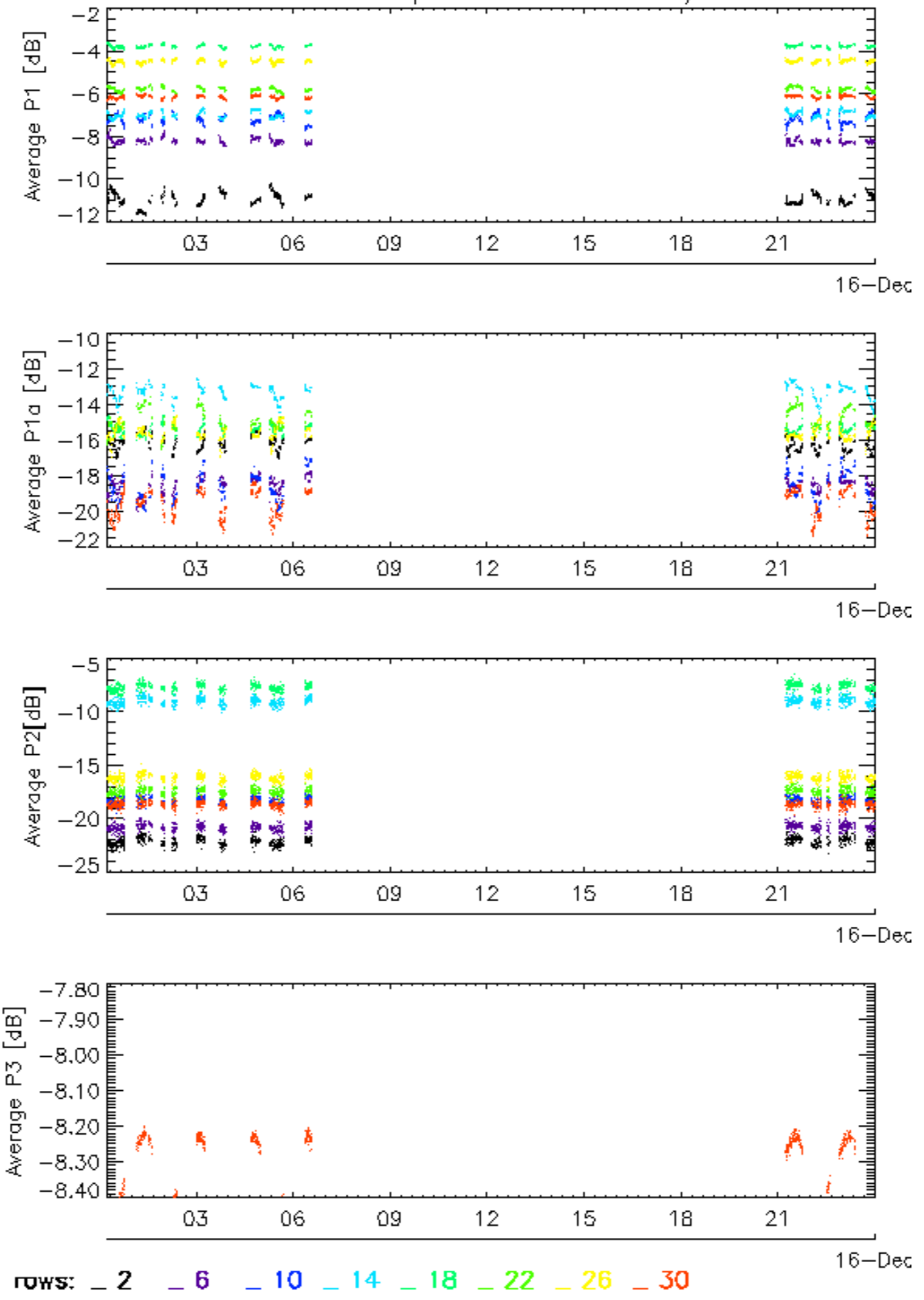
Calibration pulses for GM1 SS3 H/H



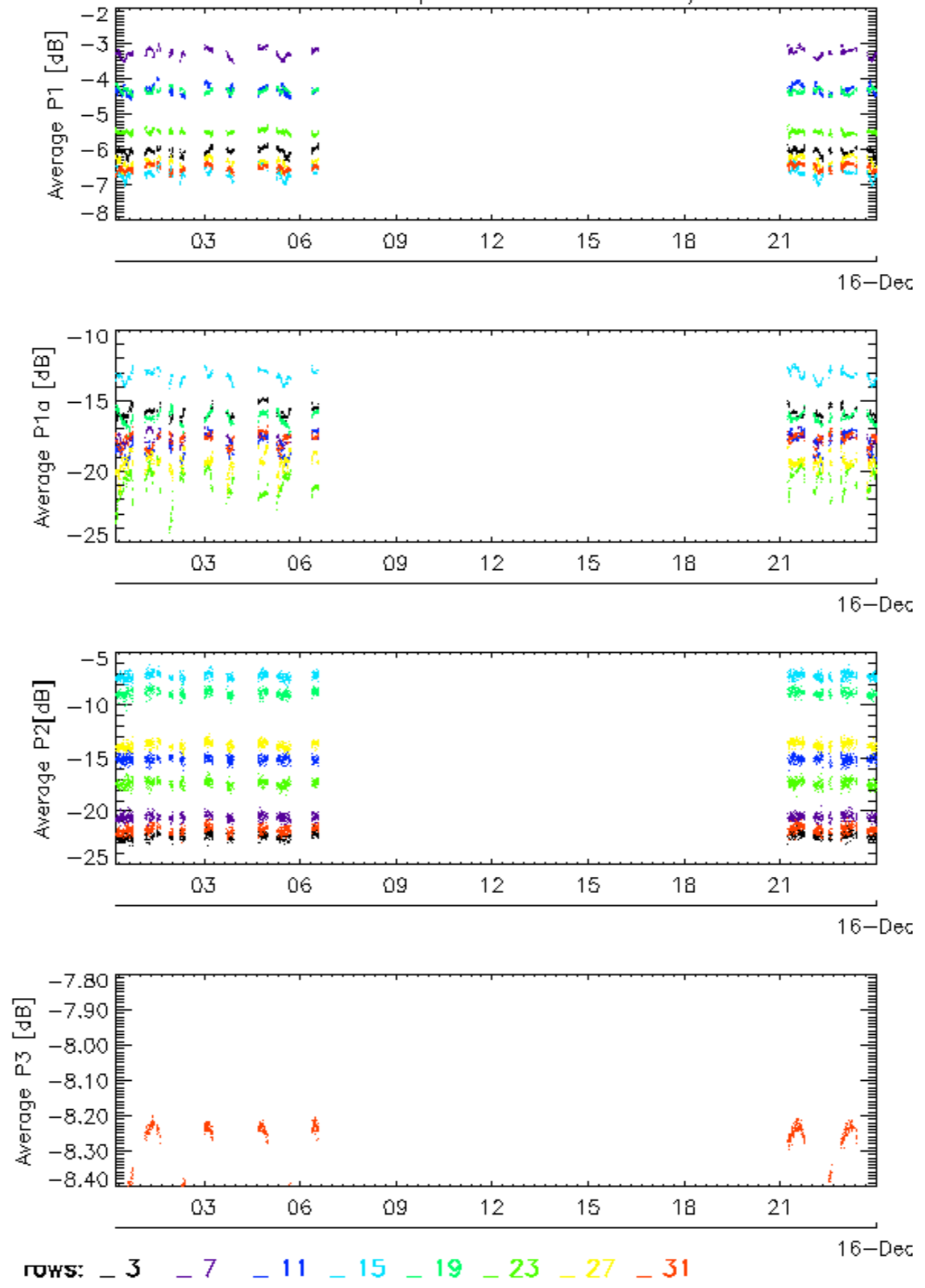
Calibration pulses for WVS IS2 V/V



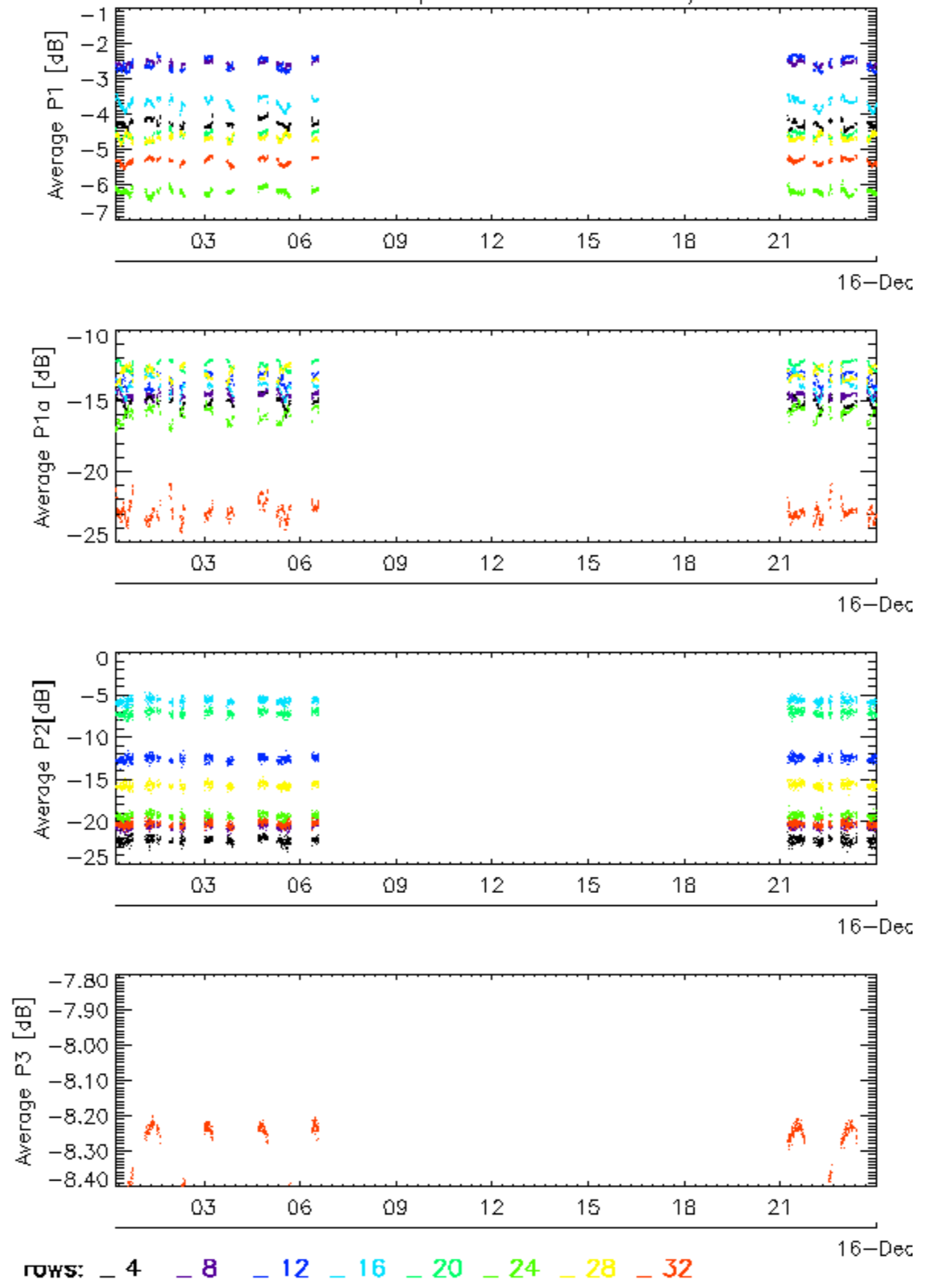
Calibration pulses for WVS IS2 V/V

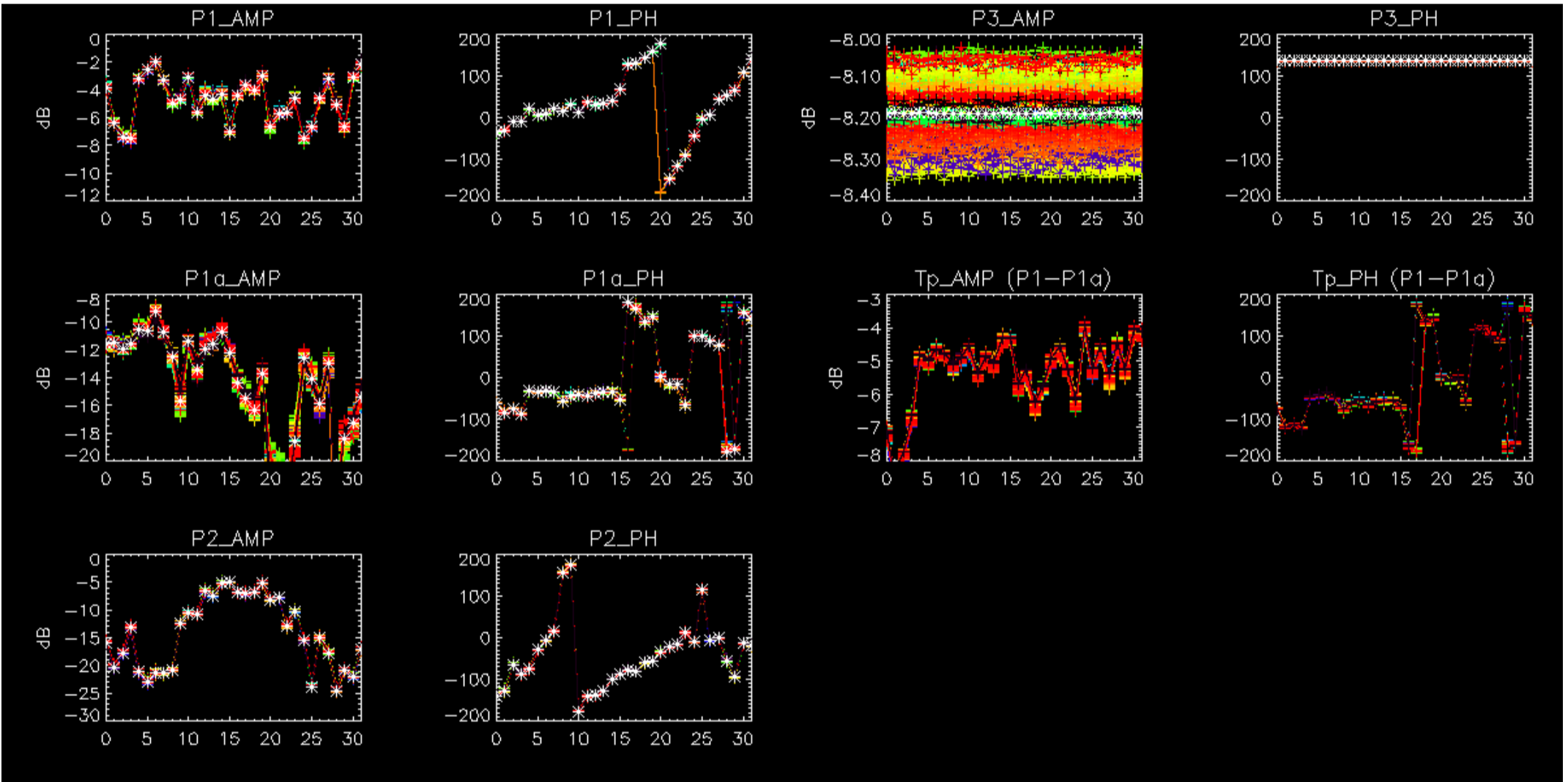


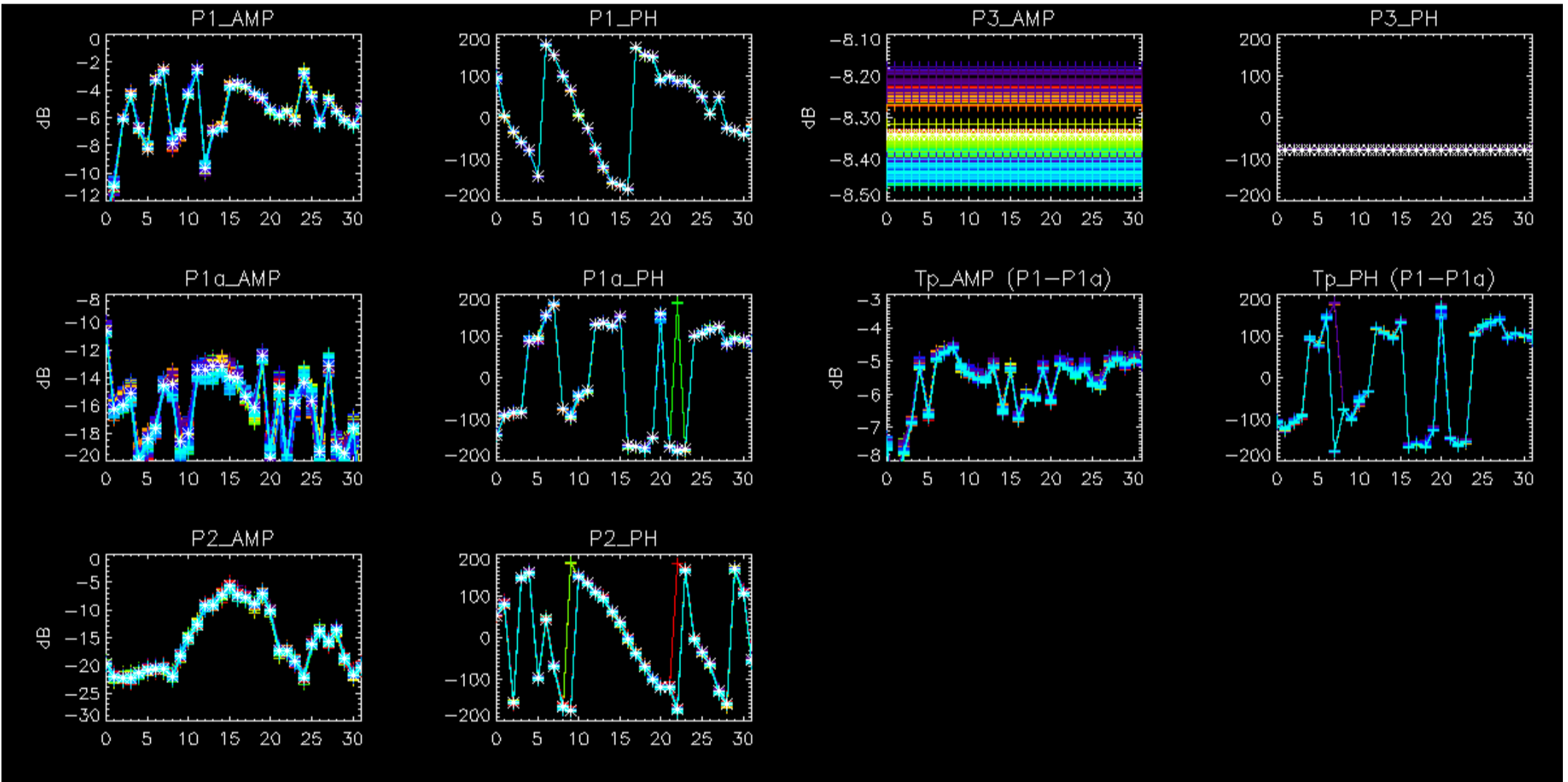
Calibration pulses for WVS IS2 V/V

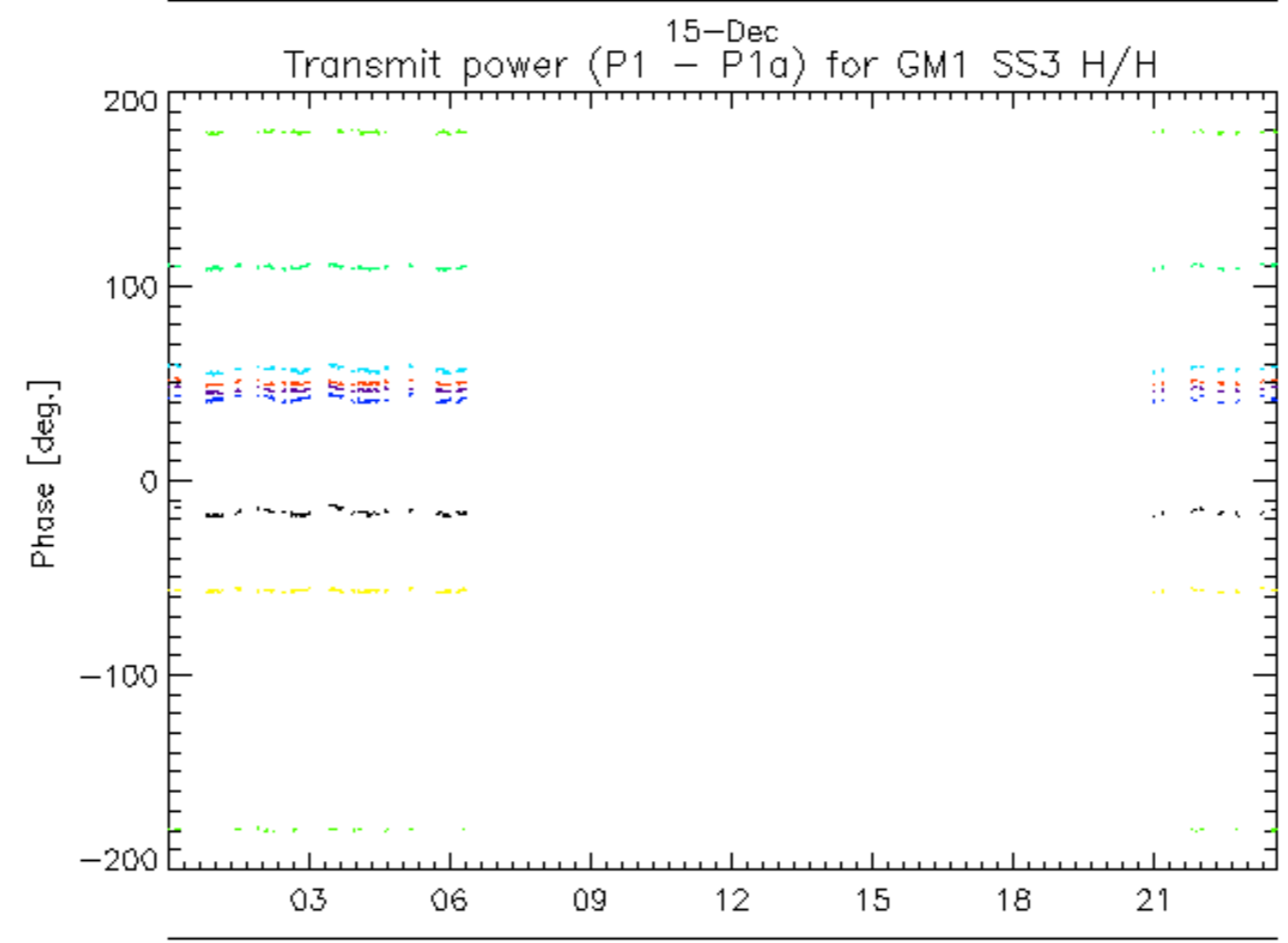
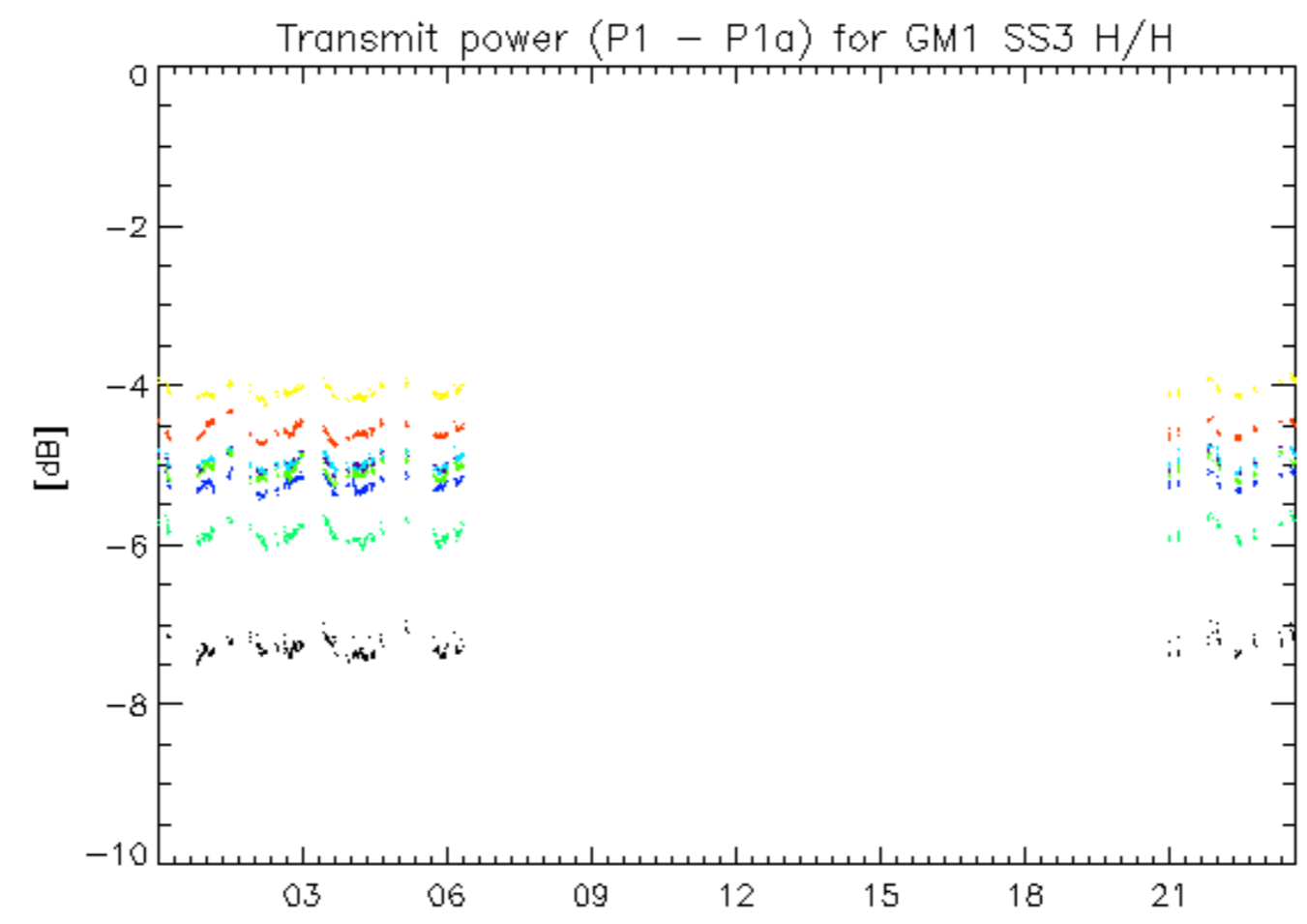


Calibration pulses for WVS IS2 V/V

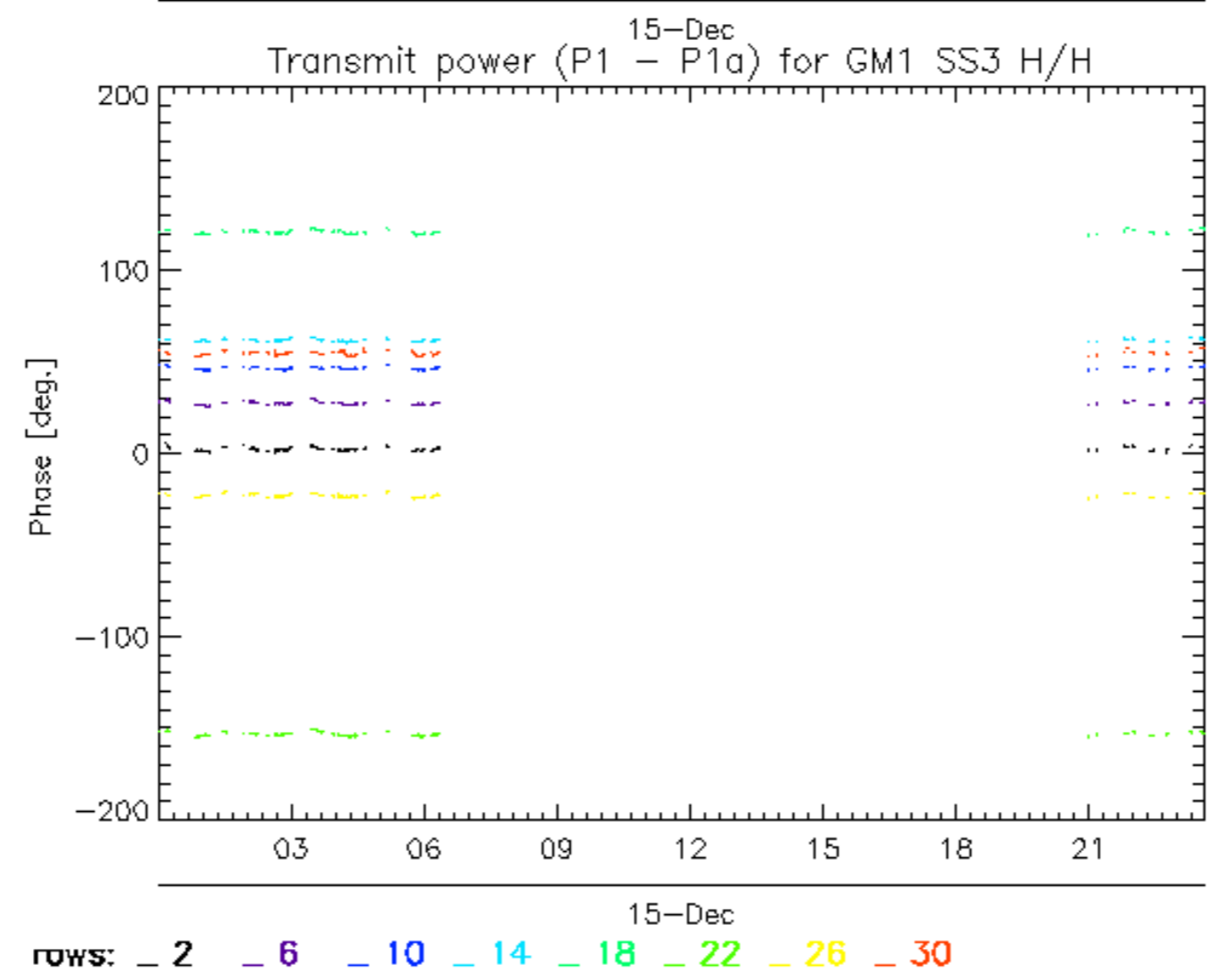
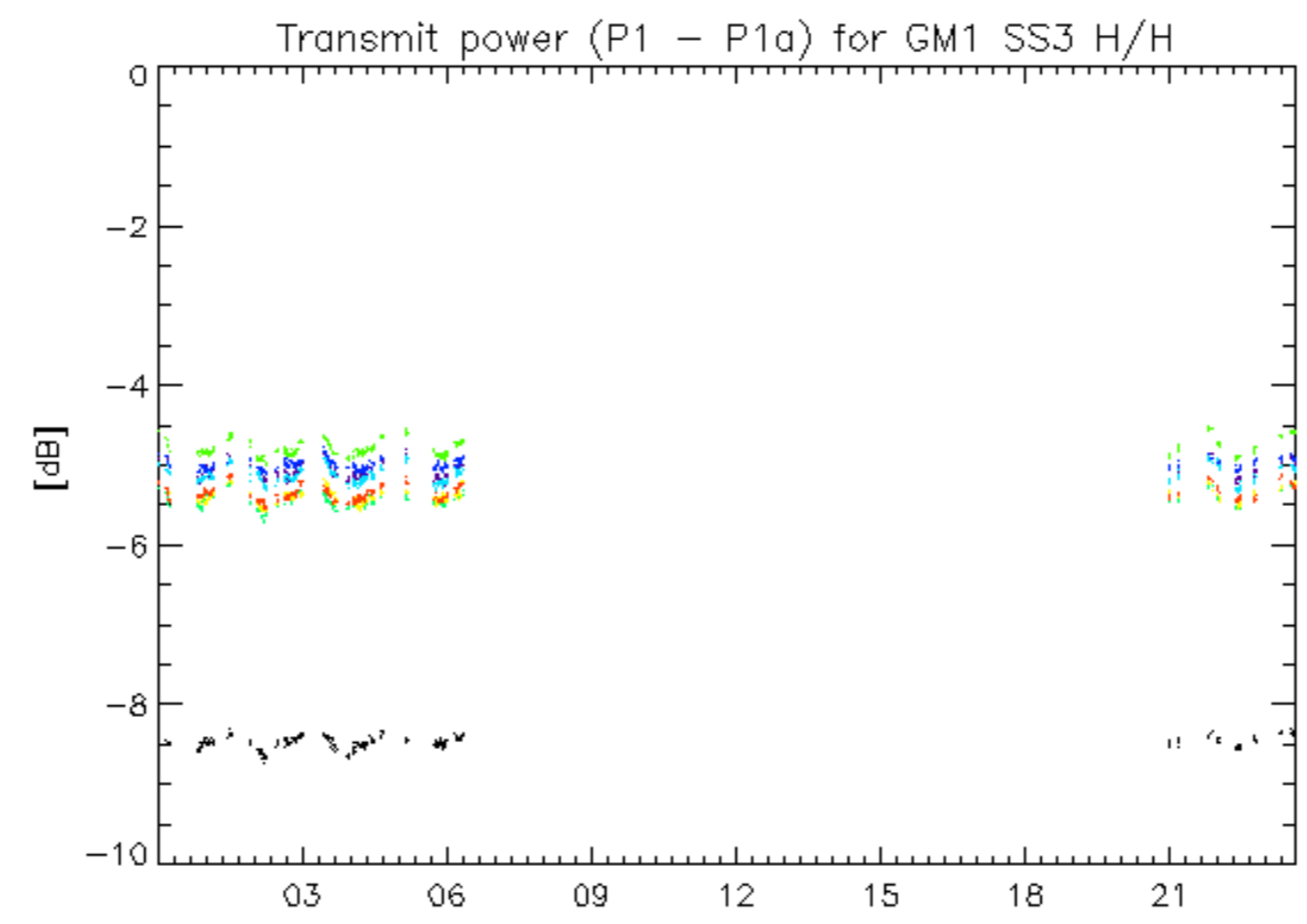


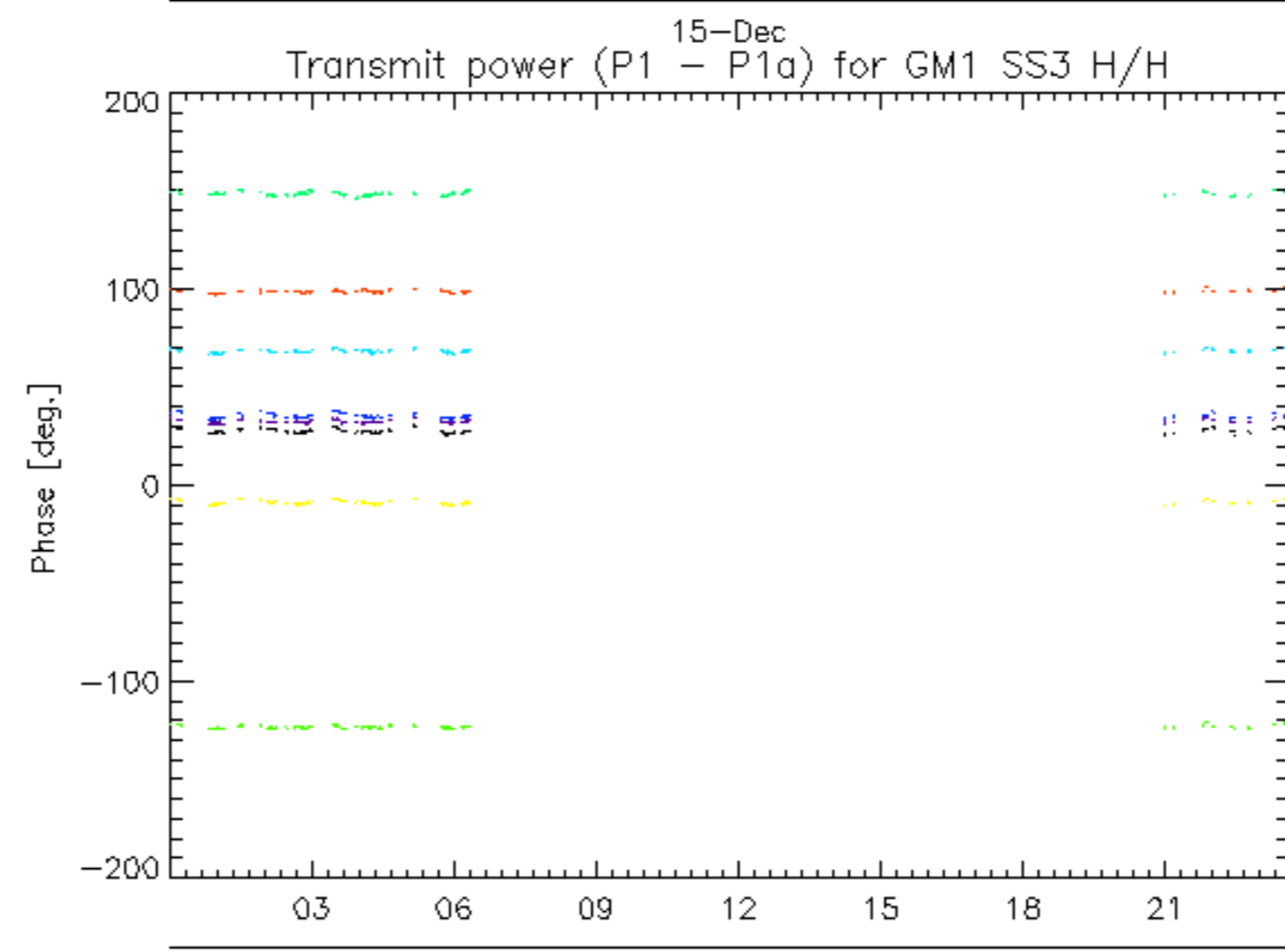
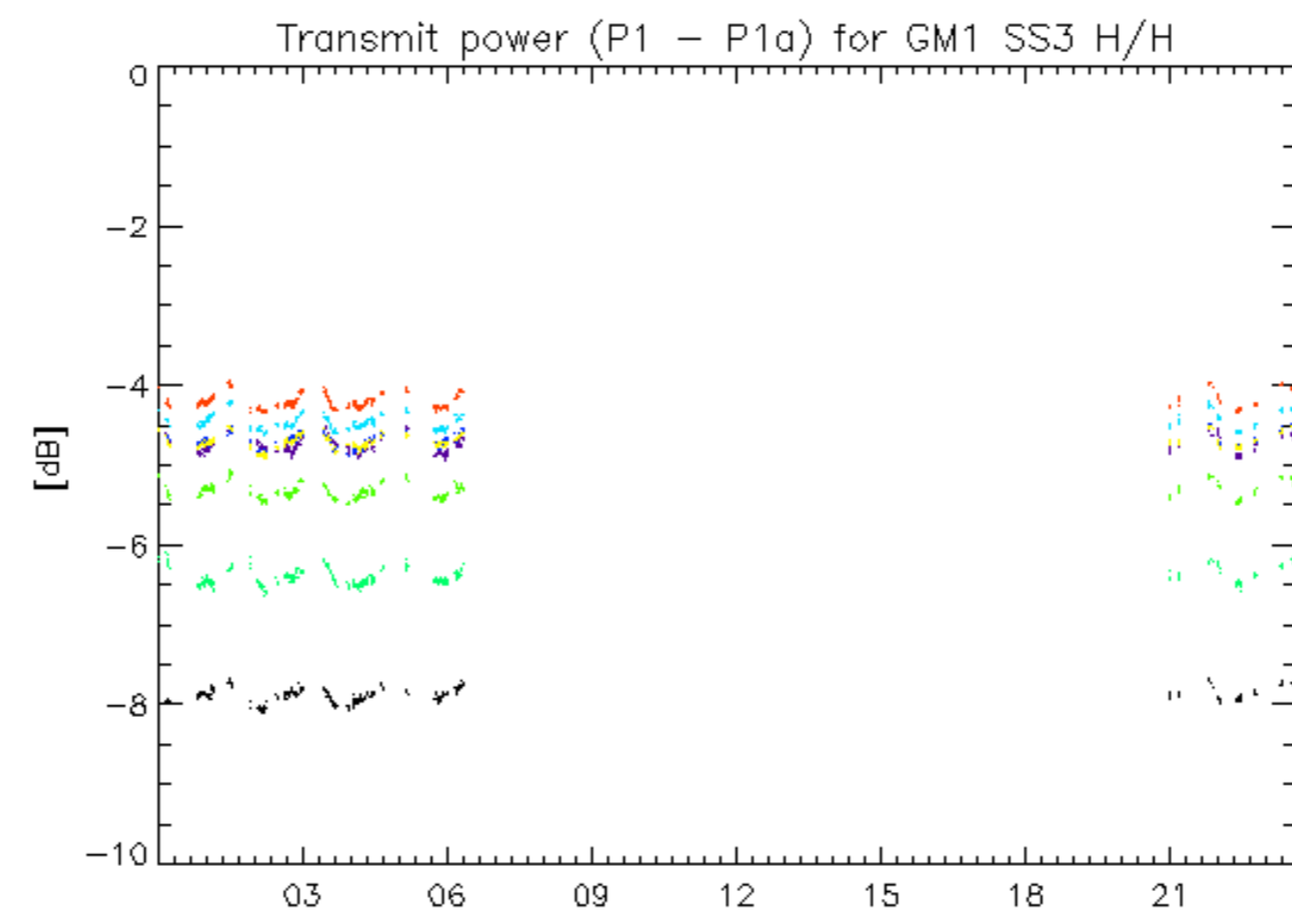




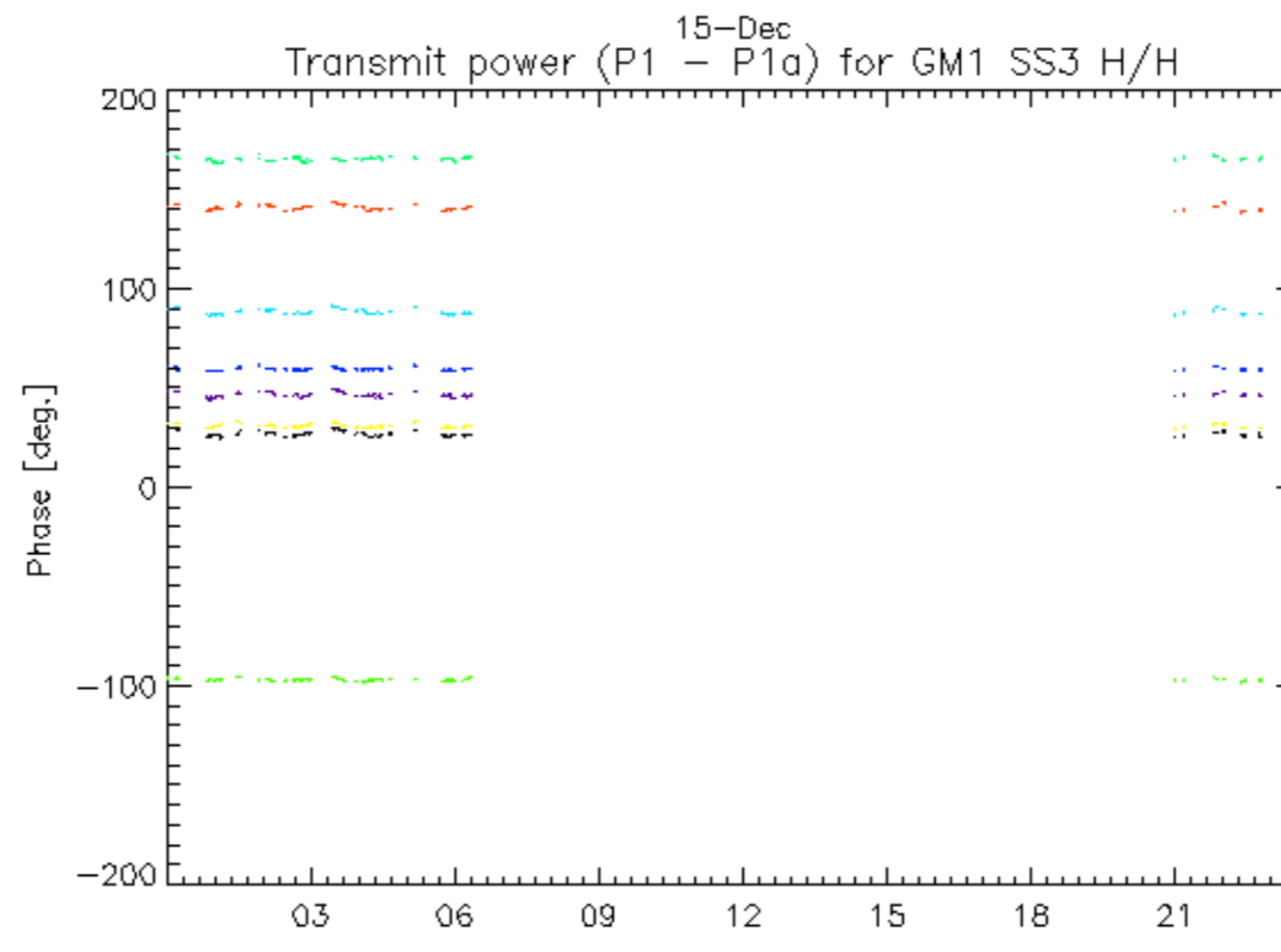
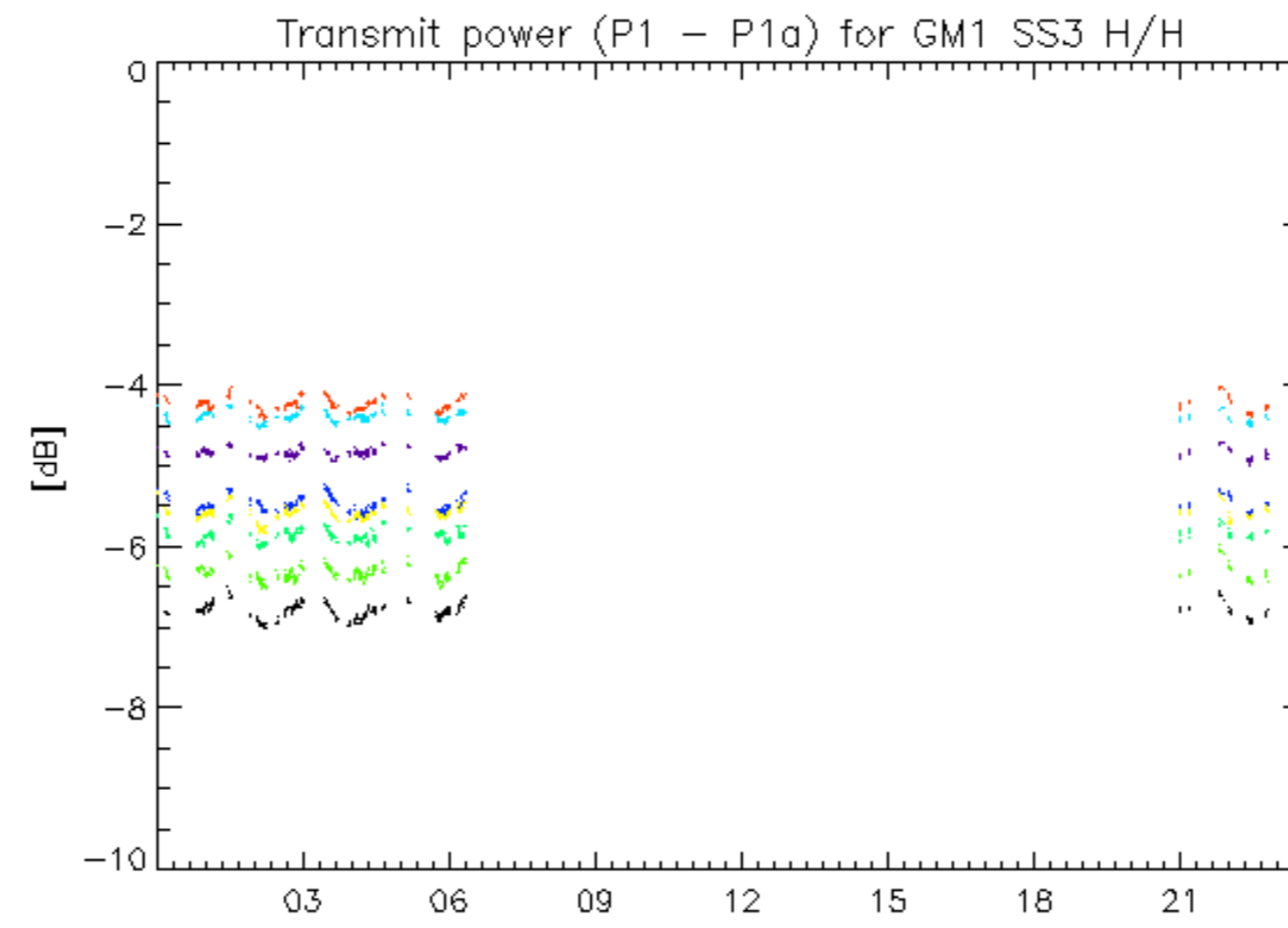


rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

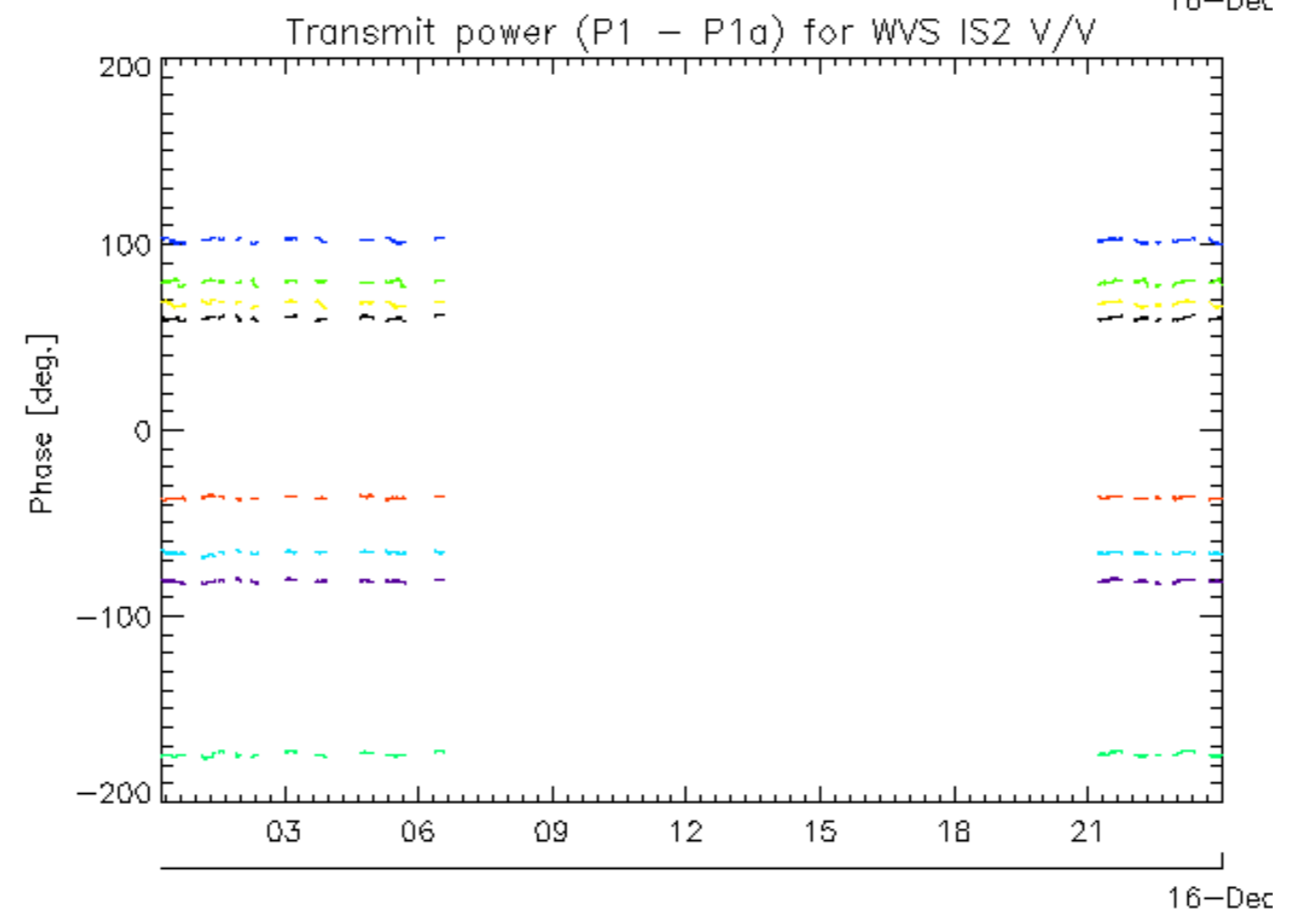
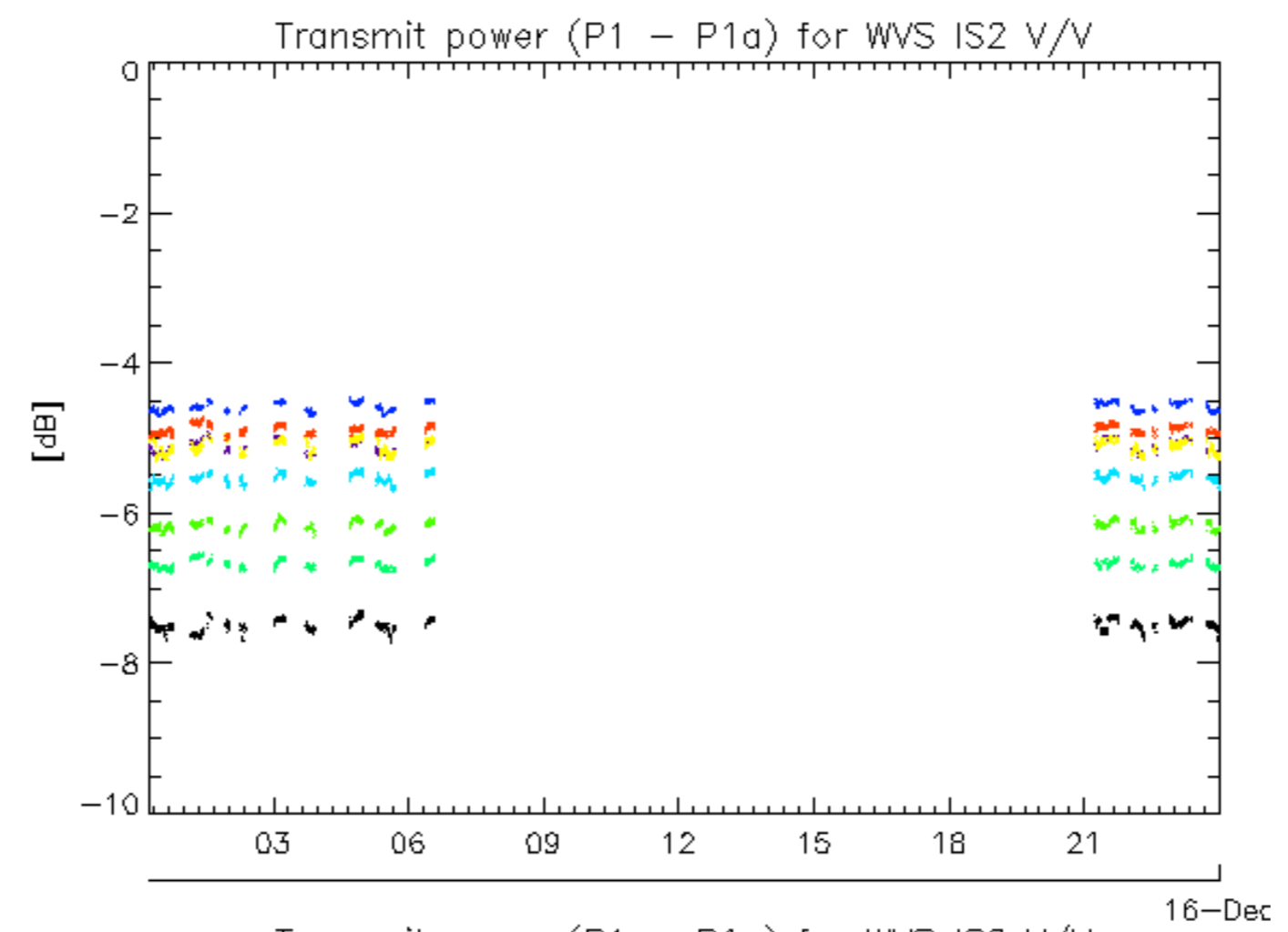




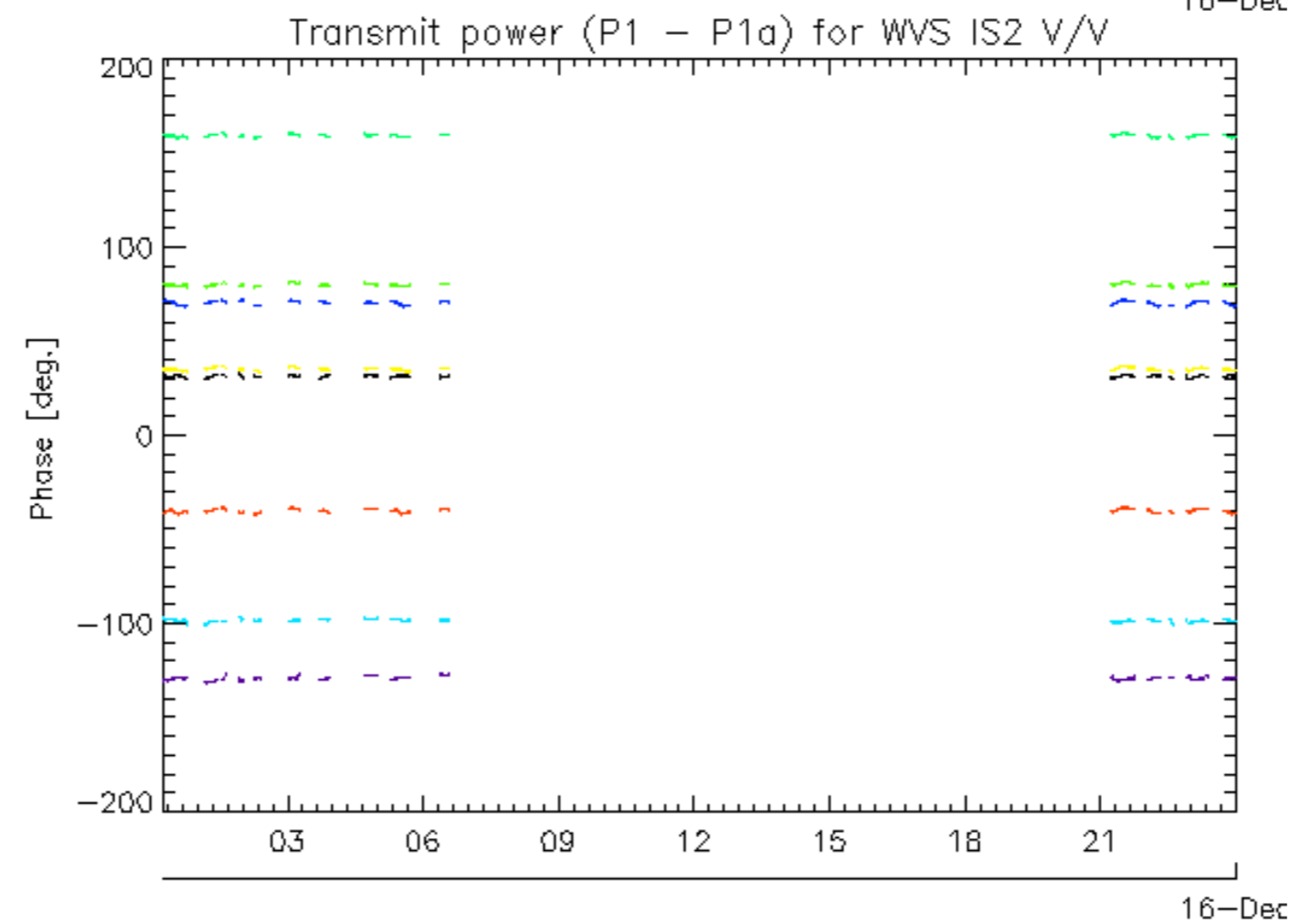
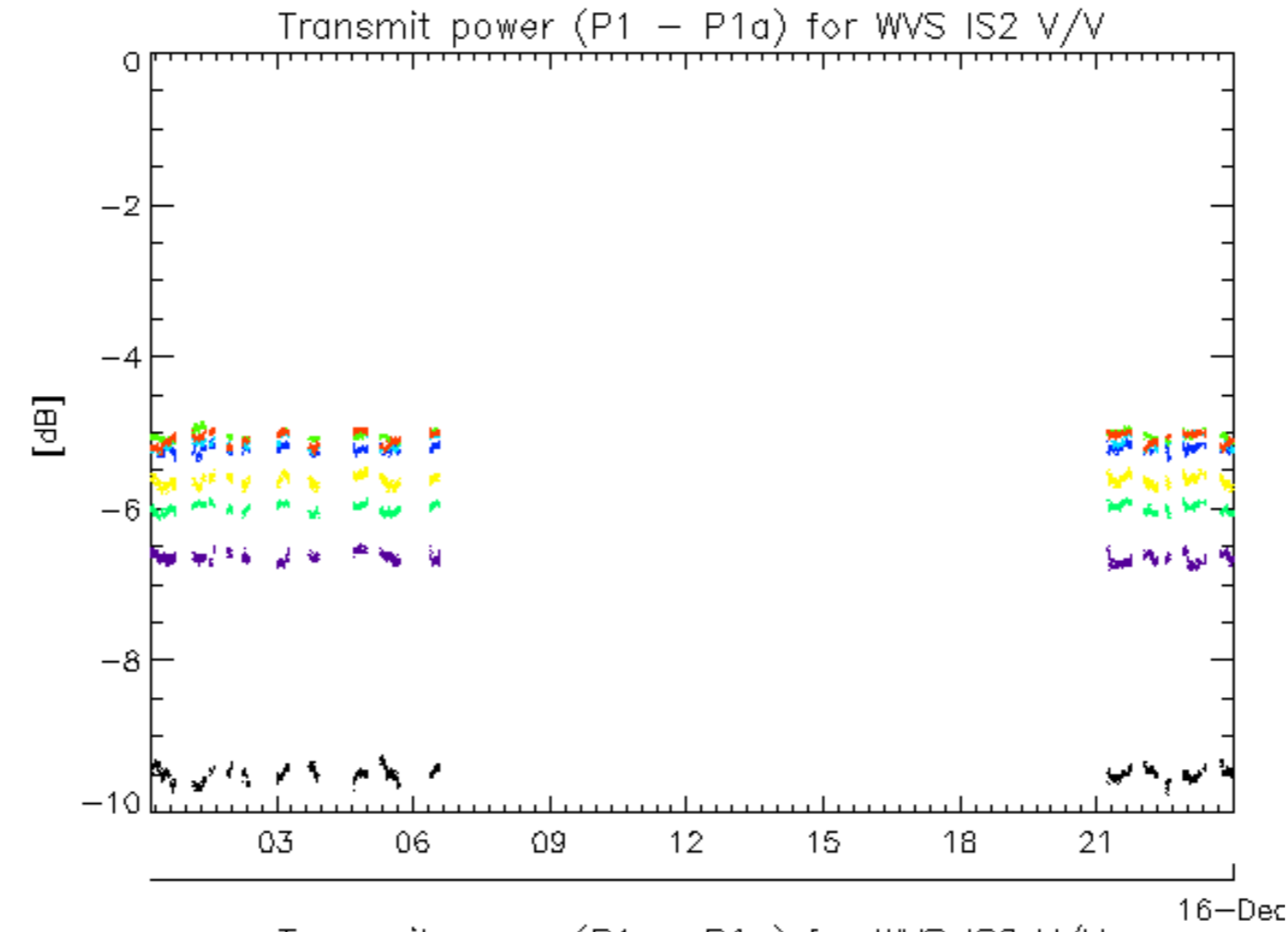
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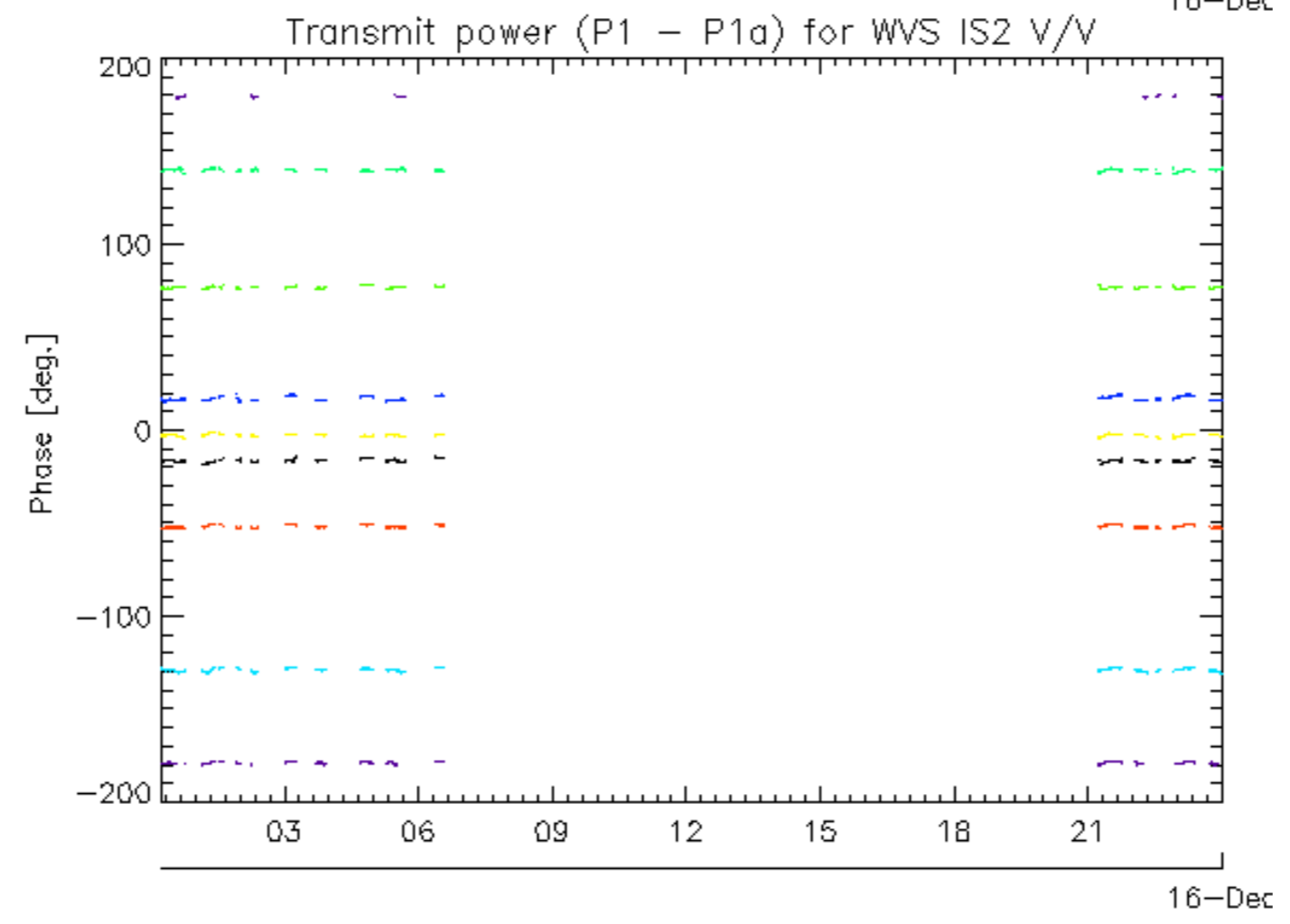
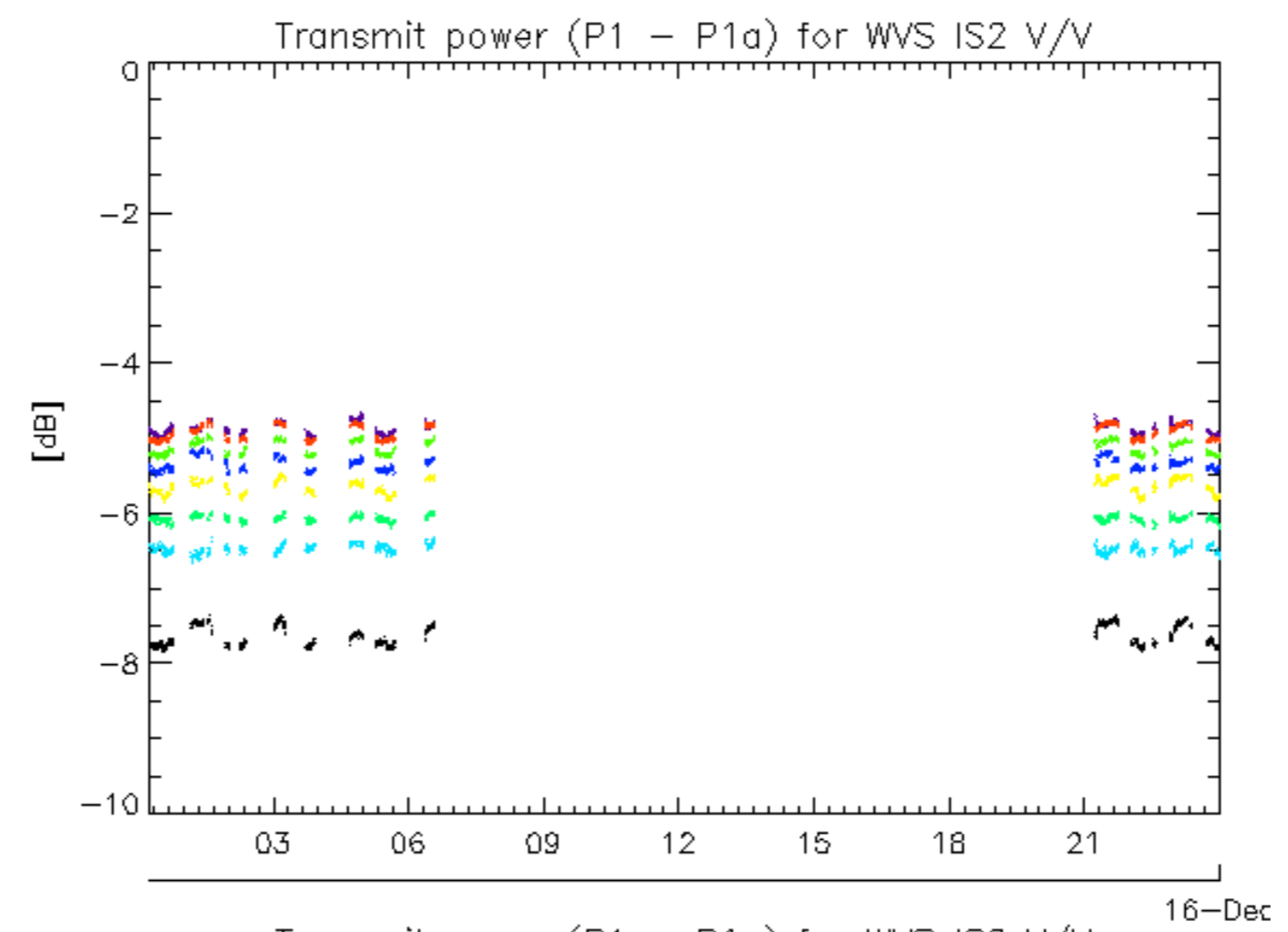
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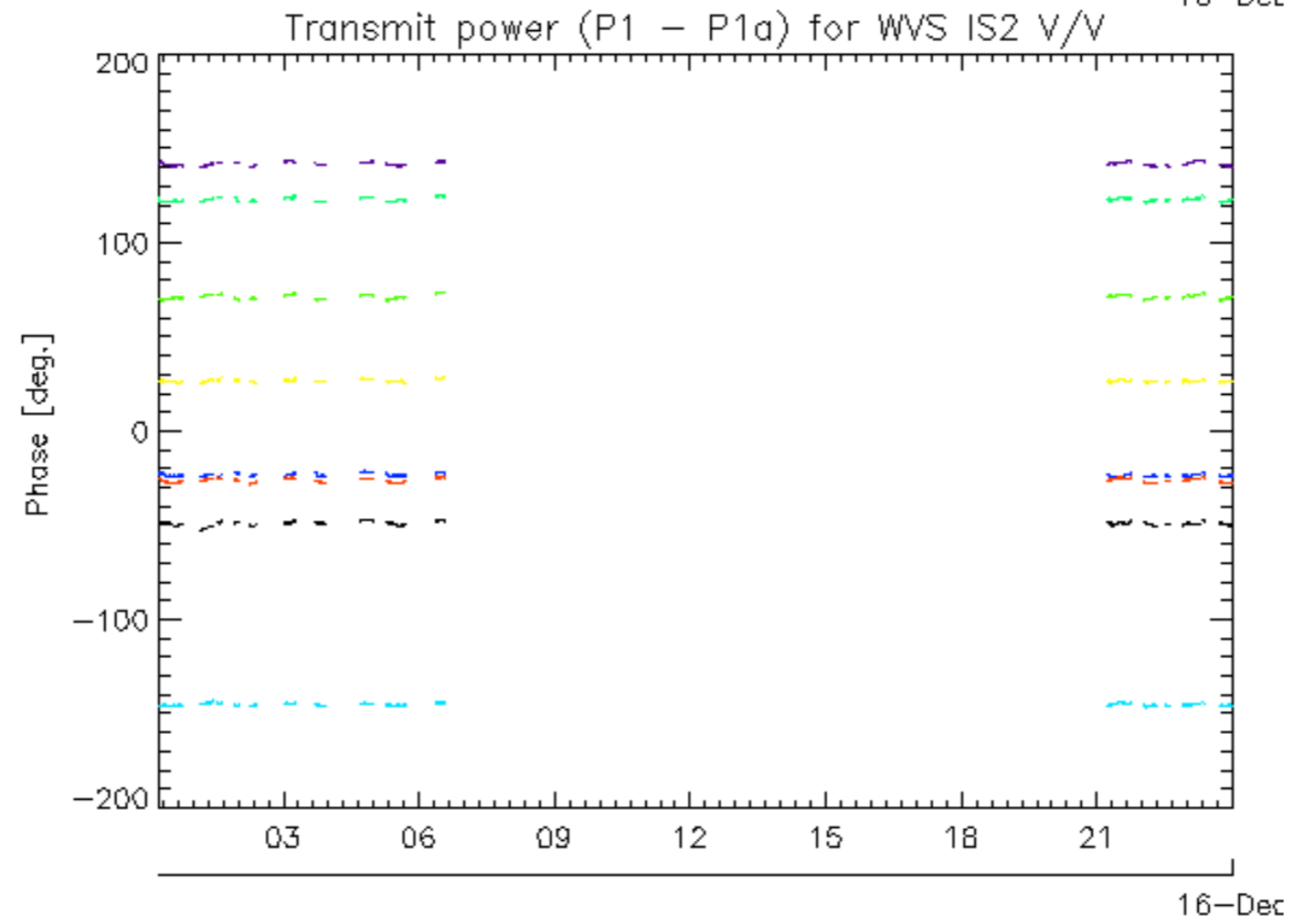
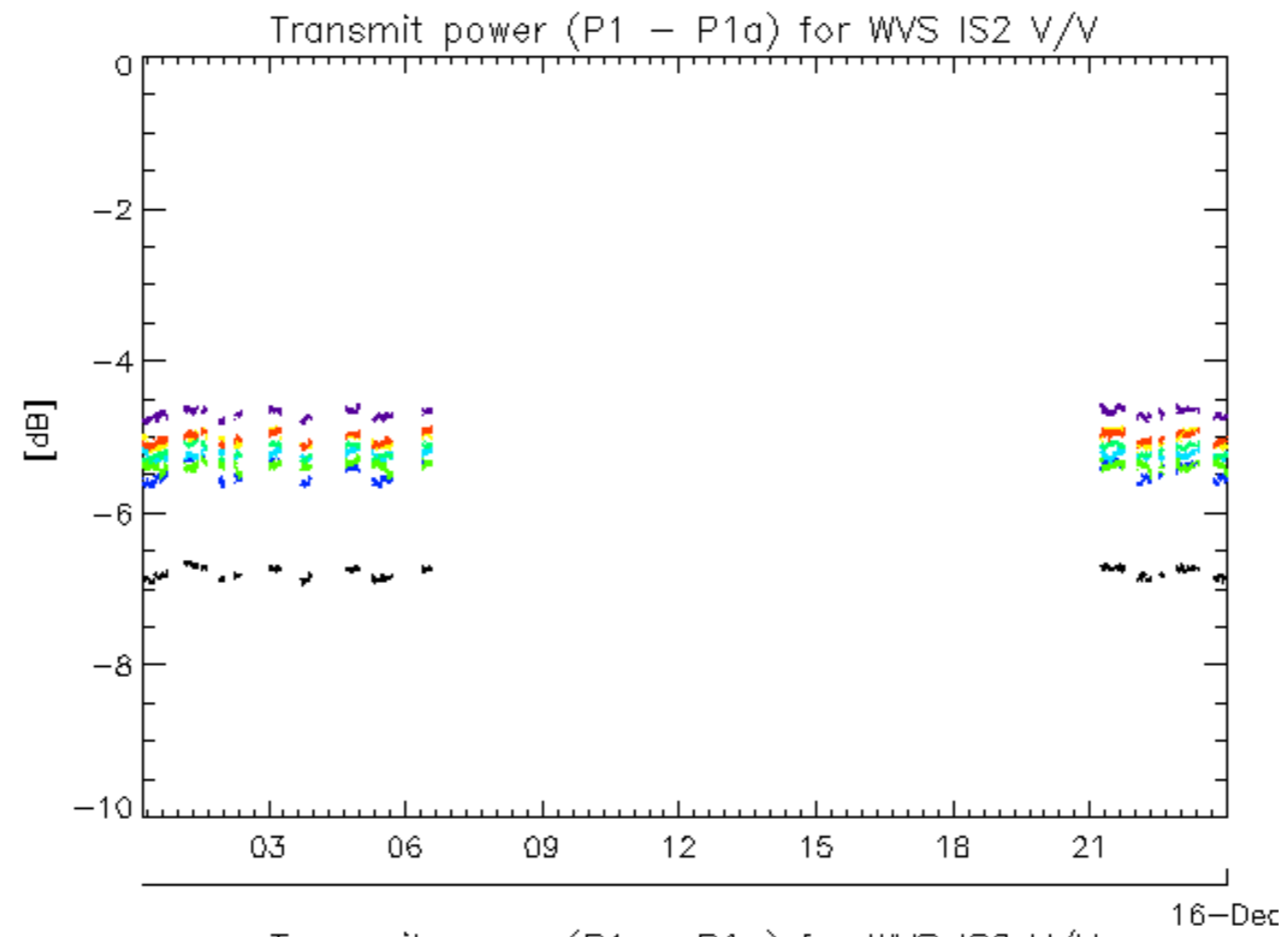
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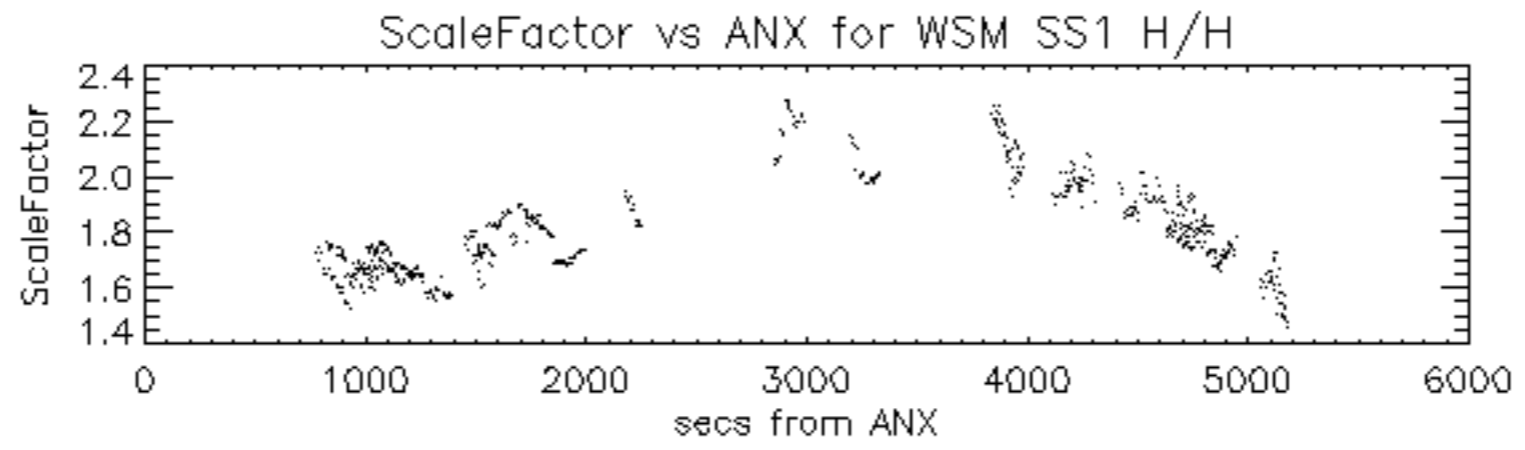
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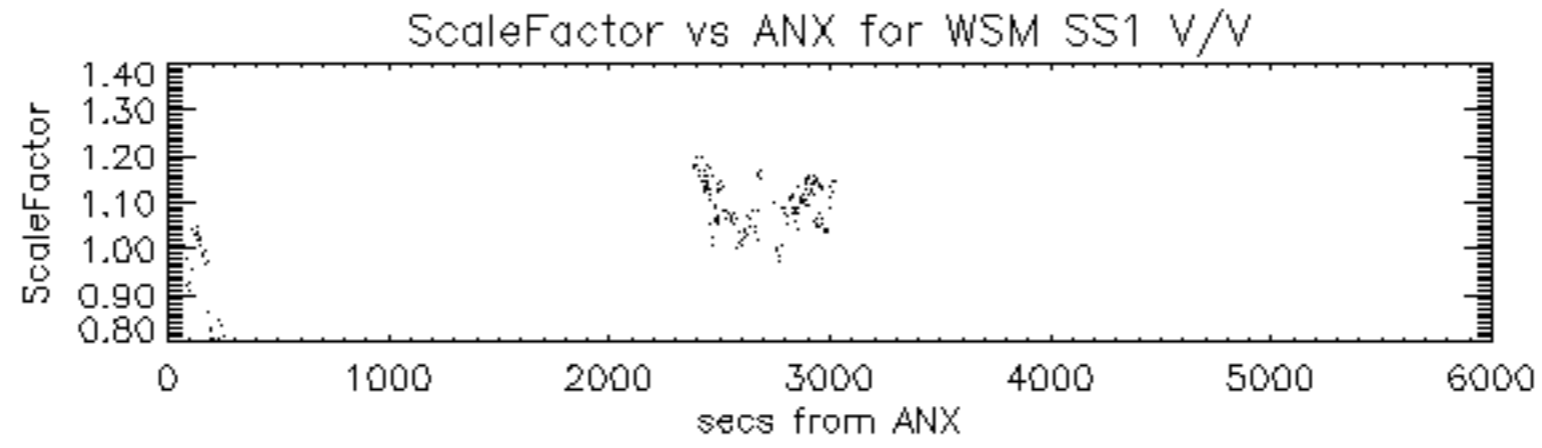


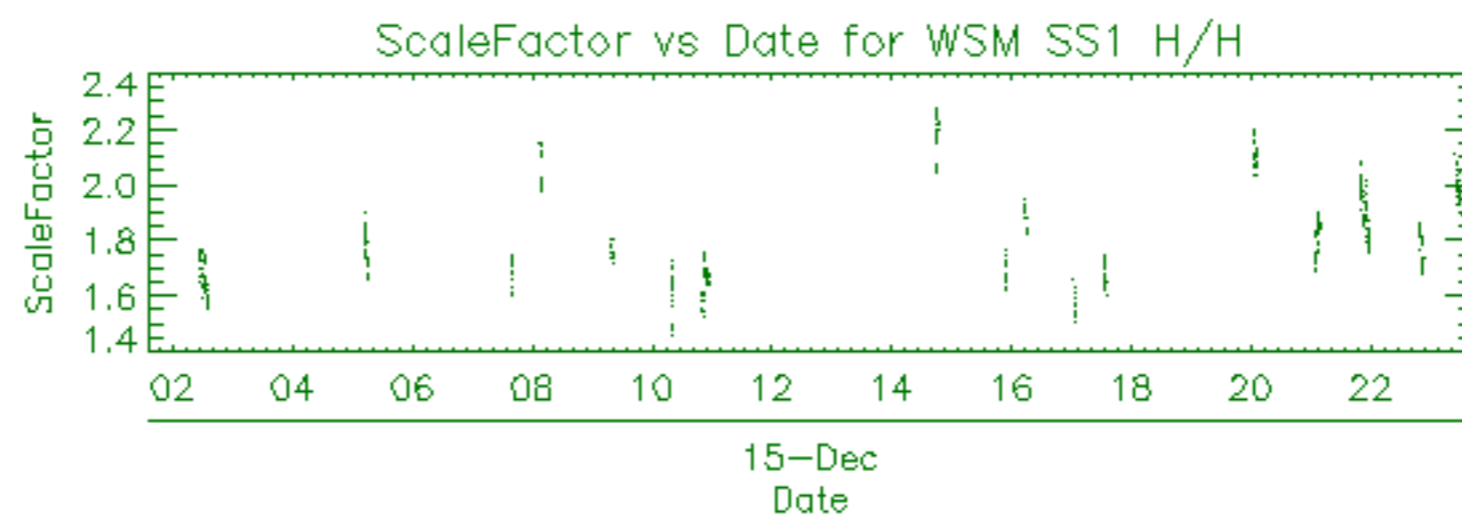
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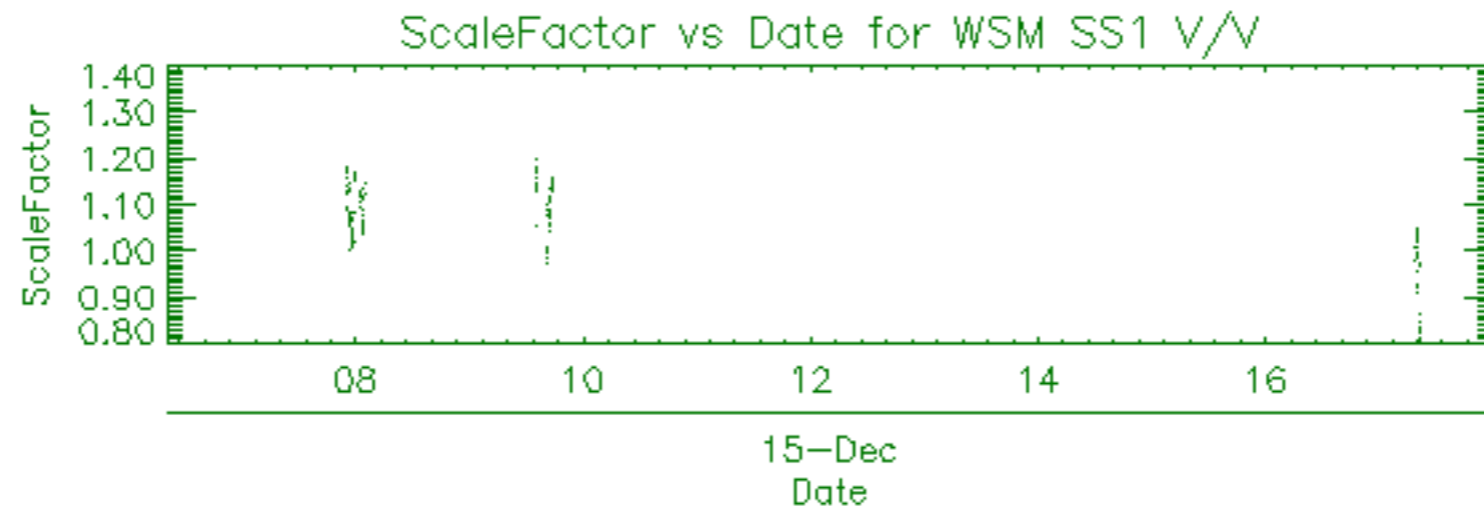


rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32









Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20081215_143137_000000432074_00397_35521_5953.N1						IS2	H/H	74	35521	397	4.07
ASA_APM_1PNPDE20081215_144959_000000432074_00397_35521_5961.N1						IS2	H/H	74	35521	397	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20081214_235840_000001812074_00388_35512_4913.N1						SS1	H/H	74	35512	388	4.07
ASA_GM1_1PNPDE20081215_001010_000002712074_00388_35512_4908.N1						SS1	H/H	74	35512	388	4.07
ASA_GM1_1PNPDE20081215_004833_000002652074_00389_35513_5052.N1						SS1	H/H	74	35513	389	4.07
ASA_GM1_1PNPDE20081215_005429_000009302074_00389_35513_5057.N1						SS1	H/H	74	35513	389	4.07
ASA_GM1_1PNPDE20081215_012659_000003082074_00389_35513_5072.N1						SS1	H/H	74	35513	389	4.07
ASA_GM1_1PNPDE20081215_015340_000000962074_00389_35513_5070.N1						SS1	H/H	74	35513	389	4.07
ASA_GM1_1PNPDE20081215_020258_000007372074_00389_35513_5201.N1						SS1	H/H	74	35513	389	4.07
ASA_GM1_1PNPDE20081215_022652_000001382074_00390_35514_5196.N1						SS1	H/H	74	35514	390	4.07
ASA_GM1_1PNPDE20081215_023559_000010682074_00390_35514_5275.N1						SS1	H/H	74	35514	390	4.07
ASA_GM1_1PNPDE20081215_025540_000002652074_00390_35514_5210.N1						SS1	H/H	74	35514	390	4.07
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ASA_GM1_1PNPDE20081215_035527_000002052074_00391_35515_5341.N1						SS1	H/H	74	35515	391	4.07
ASA_GM1_1PNPDE20081215_040125_000011902074_00391_35515_5445.N1						SS1	H/H	74	35515	391	4.07
ASA_GM1_1PNPDE20081215_042404_000003322074_00391_35515_5349.N1						SS1	H/H	74	35515	391	4.07
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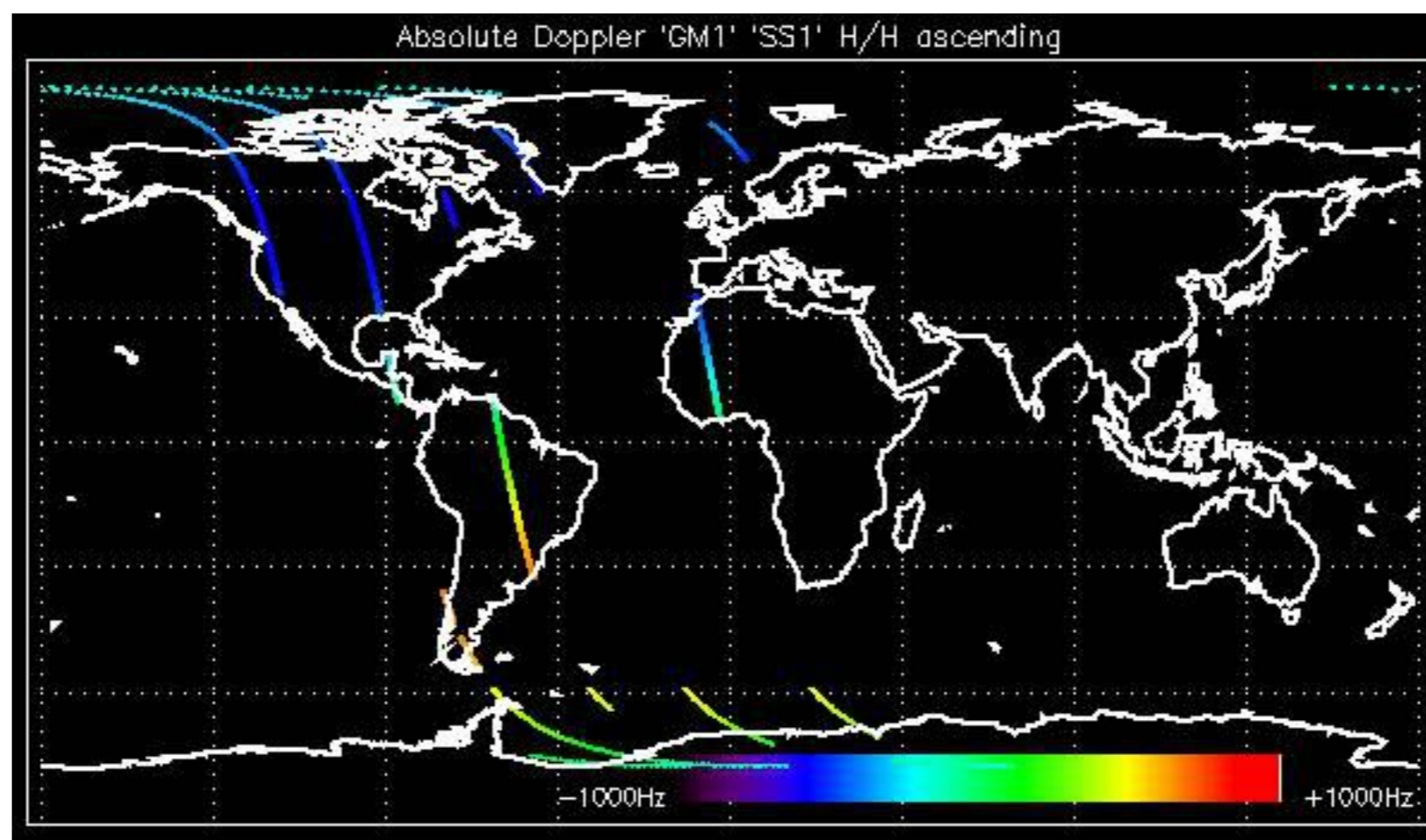
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ASA_IMM_1PNPDE20081215_014002_000001812074_00389_35513_5441.N1						IS2	H/H	74	35513	389	4.07
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ASA_IMM_1PNPDE20081215_014404_000003192074_00389_35513_5442.N1						IS2	H/H	74	35513	389	4.07
ASA_IMM_1PNPDE20081215_015002_000002072074_00389_35513_5327.N1						IS2	H/H	74	35513	389	4.07
ASA_IMM_1PNPDE20081215_025344_000001052074_00390_35514_5224.N1						IS2	V/V	74	35514	390	4.07
ASA_IMM_1PNPDE20081215_032052_000003222074_00390_35514_5314.N1						IS2	H/H	74	35514	390	4.07
ASA_IMM_1PNPDE20081215_033930_000000532074_00390_35514_5319.N1						IS2	V/V	74	35514	390	4.07
ASA_IMM_1PNPDE20081215_035958_000000762074_00391_35515_5337.N1						IS6	H/H	74	35515	391	4.07
ASA_IMM_1PNPDE20081215_042115_000001572074_00391_35515_5492.N1						IS2	V/V	74	35515	391	4.07
ASA_IMM_1PNPDE20081215_042933_000001222074_00391_35515_5624.N1						IS2	V/V	74	35515	391	4.07
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ASA_IMM_1PNPDE20081215_060606_000001912074_00392_35516_5653.N1						IS2	V/V	74	35516	392	4.07
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ASA_IMM_1PNPDE20081215_101044_000001452074_00394_35518_5797.N1						IS2	H/H	74	35518	394	4.07
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ASA_IMM_1PNPDE20081215_114343_000000822074_00395_35519_5860.N1						IS2	H/H	74	35519	395	4.07
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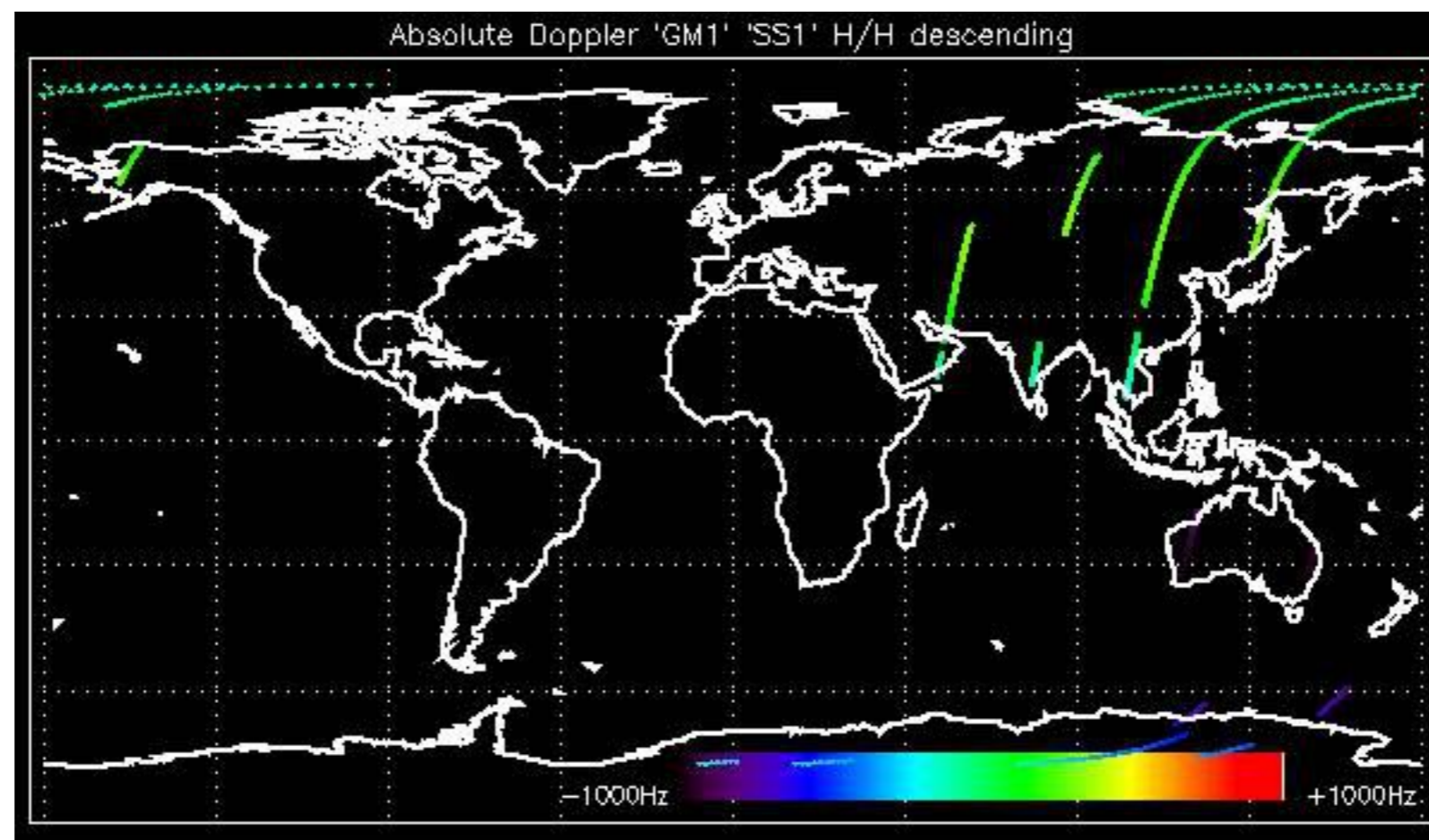
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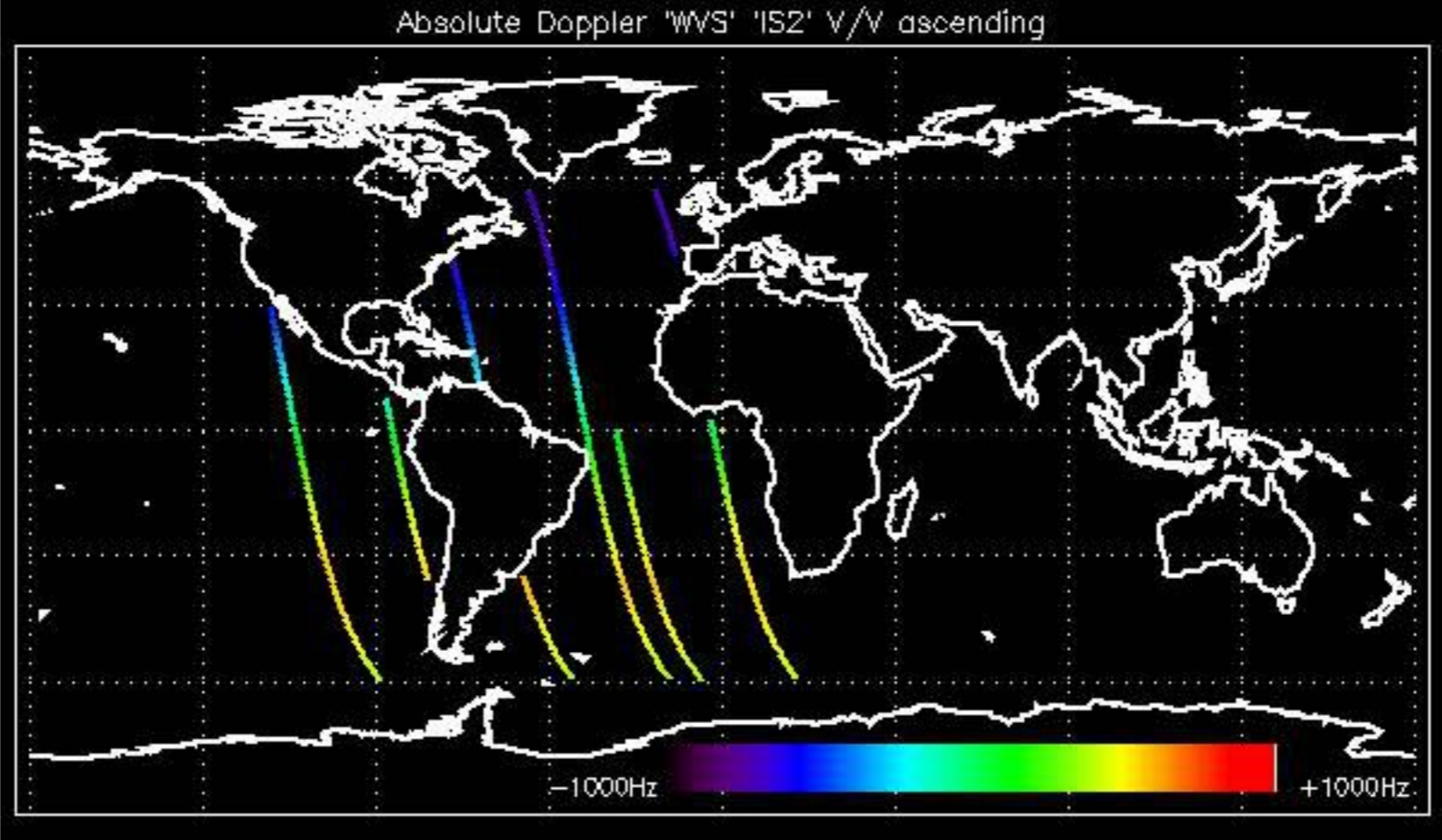


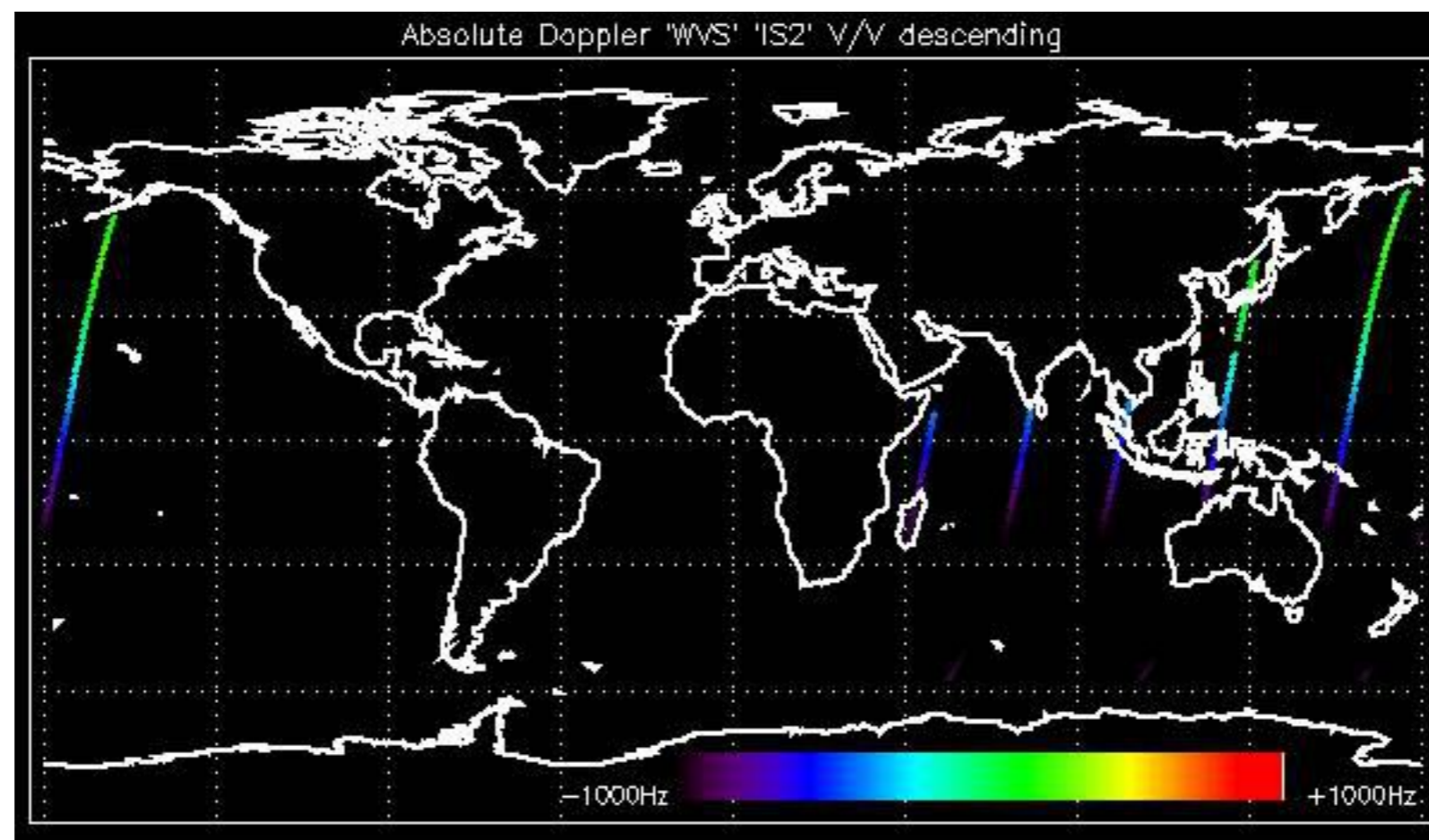
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20081215_022515_000000922074_00390_35514_5280.N1						SS1	H/H	74	35514	390	4.07
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ASA_WSM_1PNPDE20081215_062042_000000732074_00392_35516_5490.N1						SS1	V/V	74	35516	392	4.07
ASA_WSM_1PNPDE20081215_073921_000000912074_00393_35517_5774.N1						SS1	H/H	74	35517	393	4.07
ASA_WSM_1PNPDE20081215_075438_000001892074_00393_35517_5874.N1						SS1	V/V	74	35517	393	4.07
ASA_WSM_1PNPDE20081215_075438_000002812074_00393_35517_5886.N1						SS1	V/V	74	35517	393	4.07
ASA_WSM_1PNPDE20081215_075849_000000302074_00393_35517_5675.N1						SS1	V/V	74	35517	393	4.07
ASA_WSM_1PNPDE20081215_080206_000001642074_00393_35517_5788.N1						SS1	V/V	74	35517	393	4.07
ASA_WSM_1PNPDE20081215_080718_000001342074_00393_35517_5778.N1						SS1	H/H	74	35517	393	4.07
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ASA_WSM_1PNPDE20081215_091852_000000922074_00394_35518_5818.N1						SS1	H/H	74	35518	394	4.07
ASA_WSM_1PNPDE20081215_093425_000000912074_00394_35518_5862.N1						SS1	V/V	74	35518	394	4.07
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ASA_WSM_1PNPDE20081215_104947_000003732074_00395_35519_5919.N1						SS1	H/H	74	35519	395	4.07
ASA_WSM_1PNPDE20081215_104947_000004152074_00395_35519_5931.N1						SS1	H/H	74	35519	395	4.07
ASA_WSM_1PNPDE20081215_144404_000001592074_00397_35521_6025.N1						SS1	H/H	74	35521	397	4.07
ASA_WSM_1PNPDE20081215_155401_000000922074_00398_35522_5943.N1						SS1	H/H	74	35522	398	4.07
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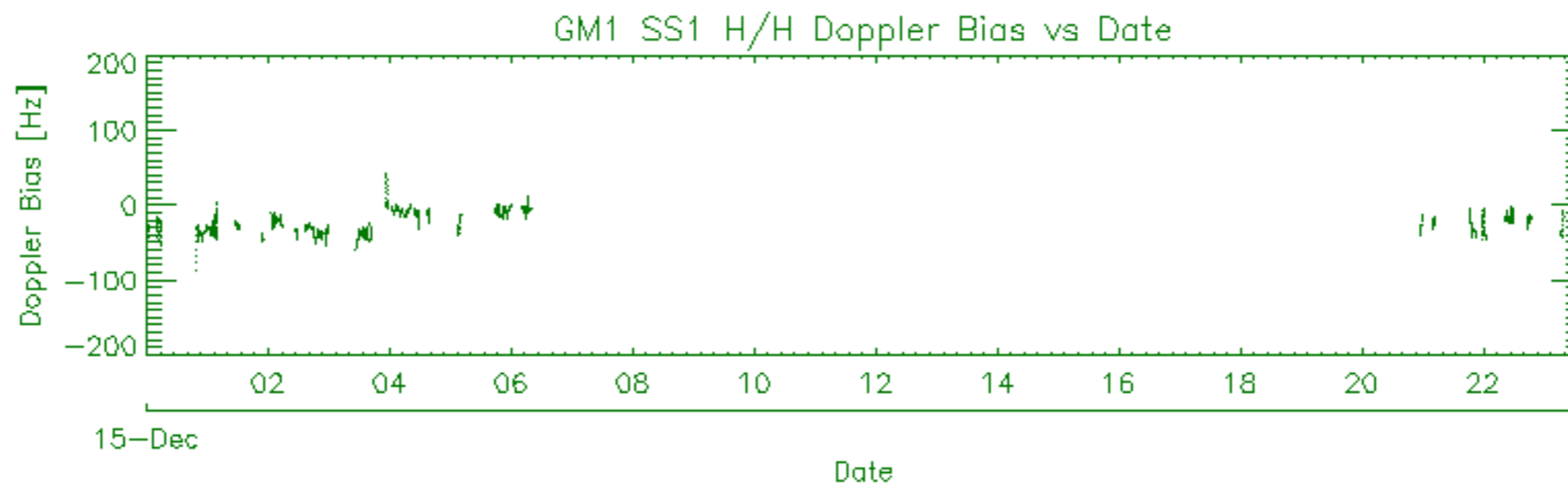
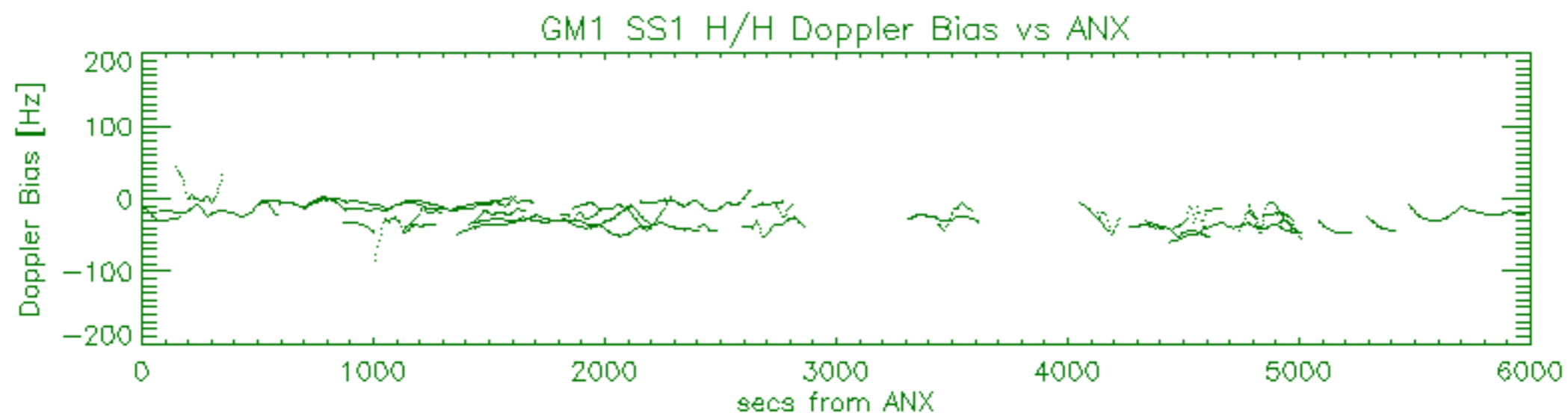
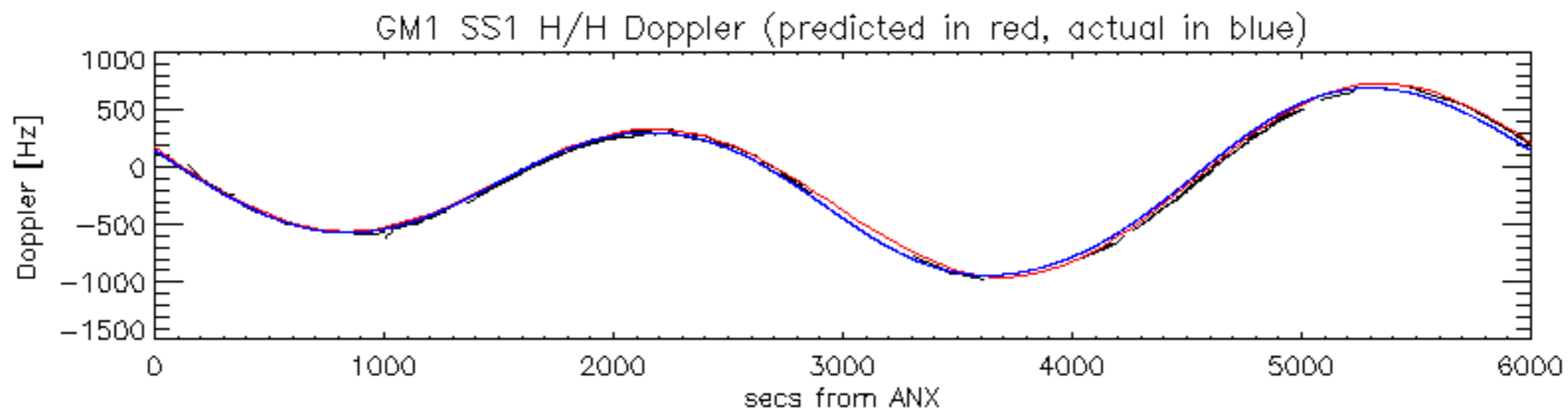
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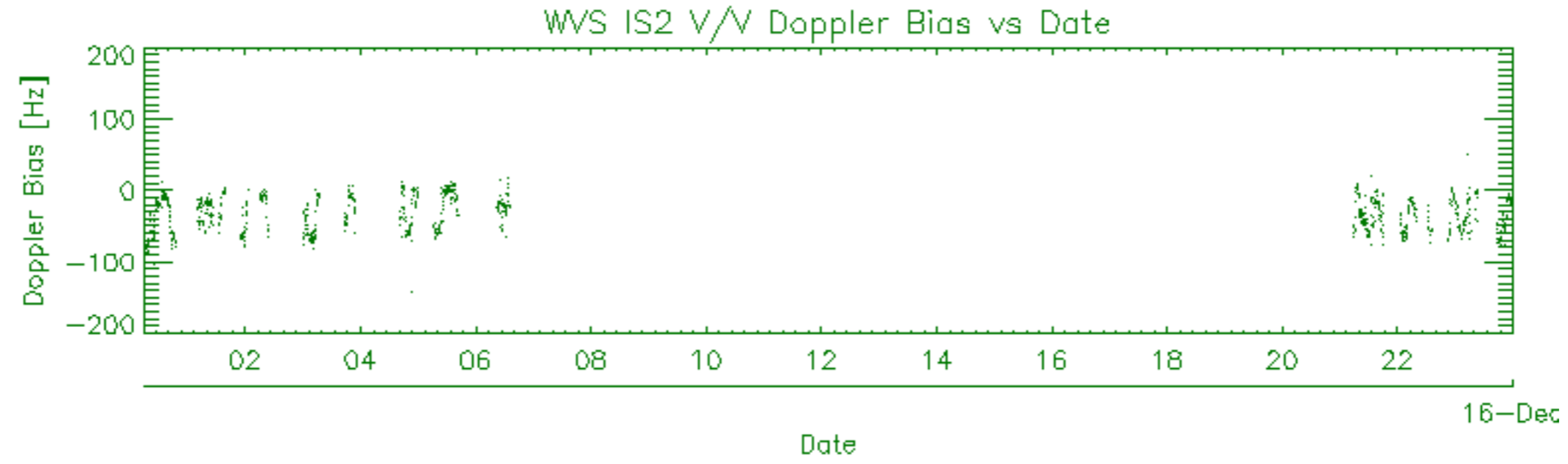
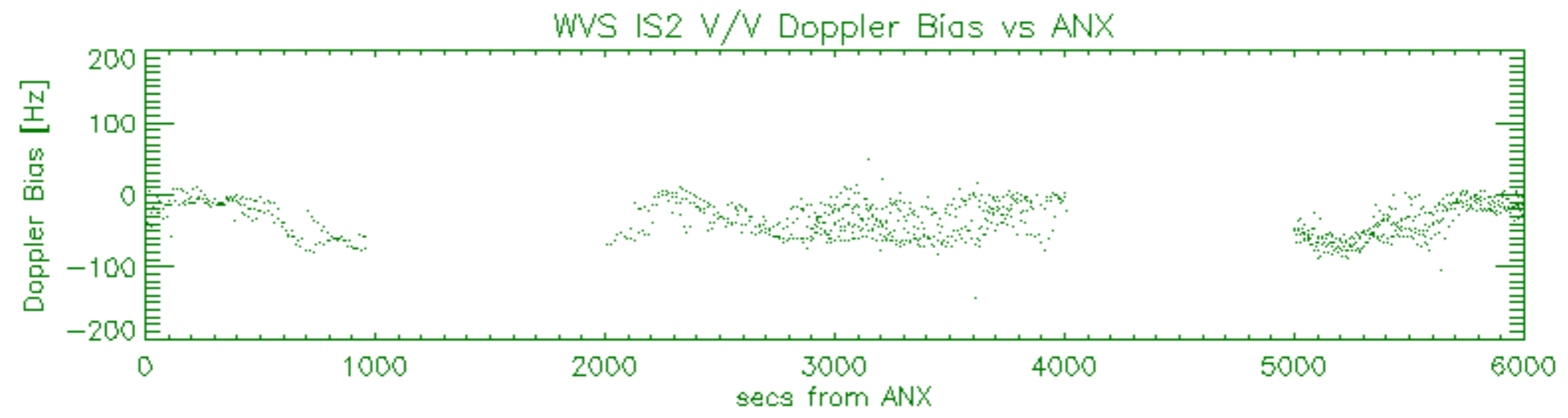
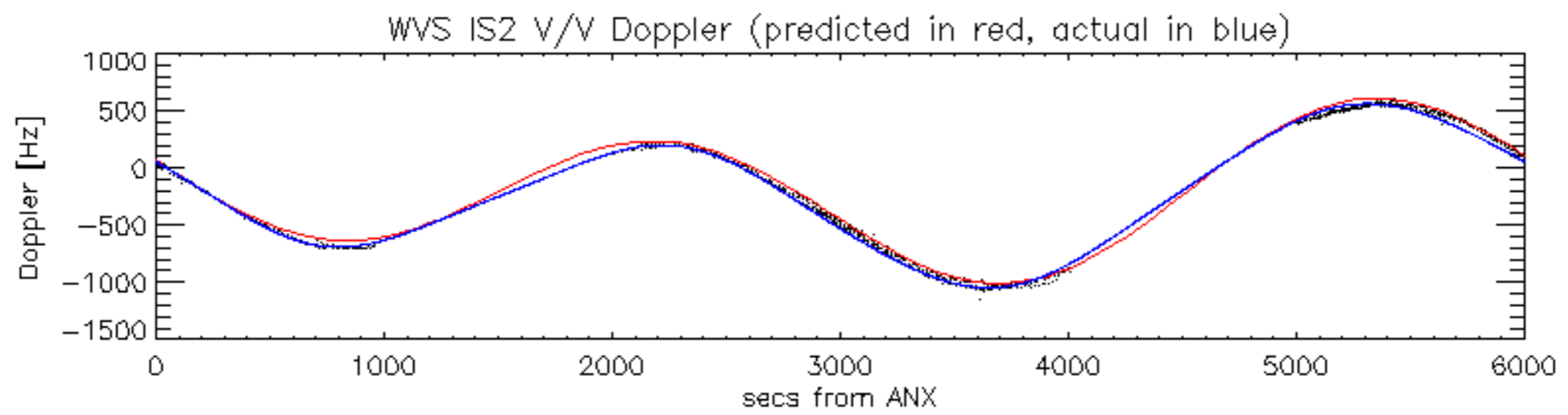


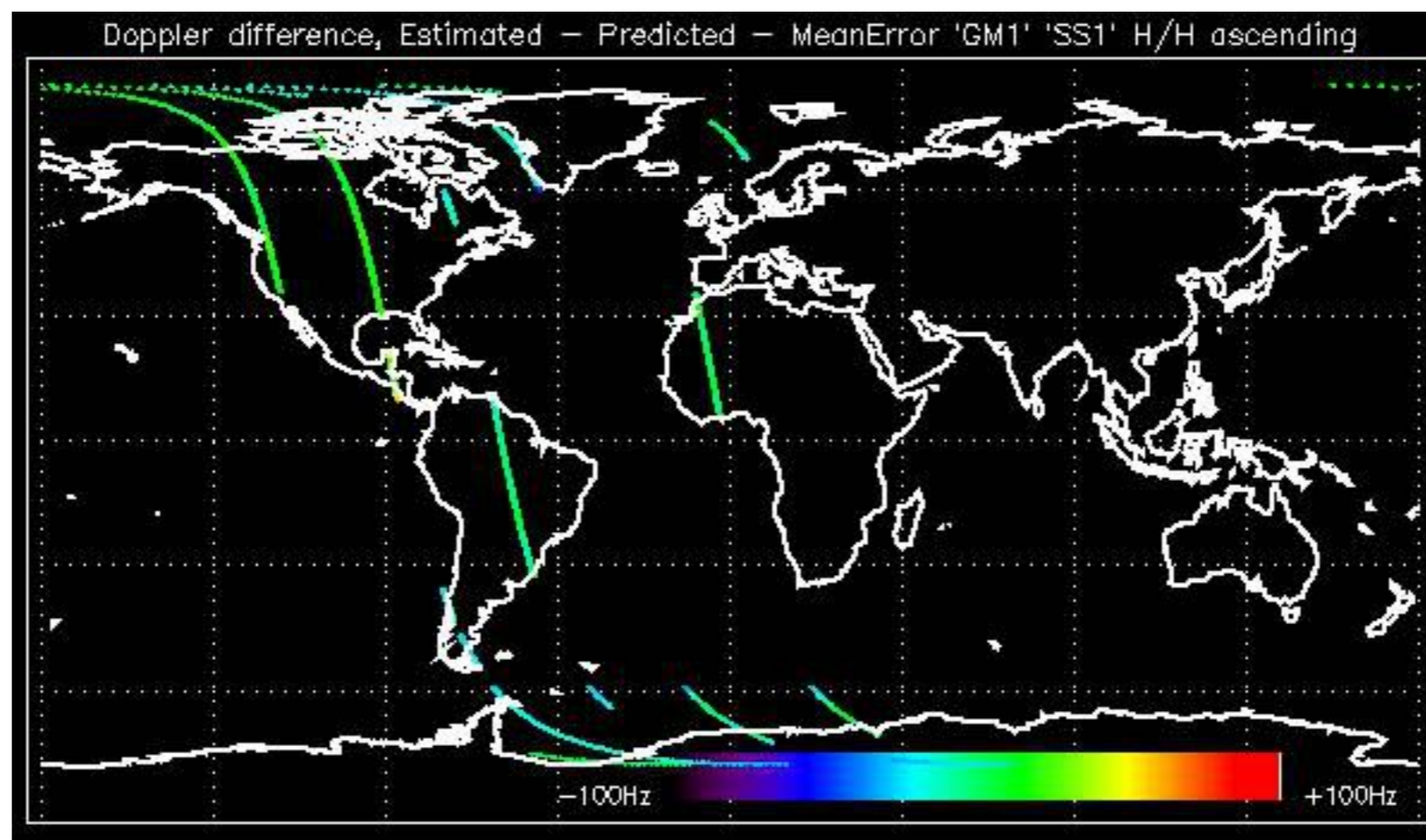


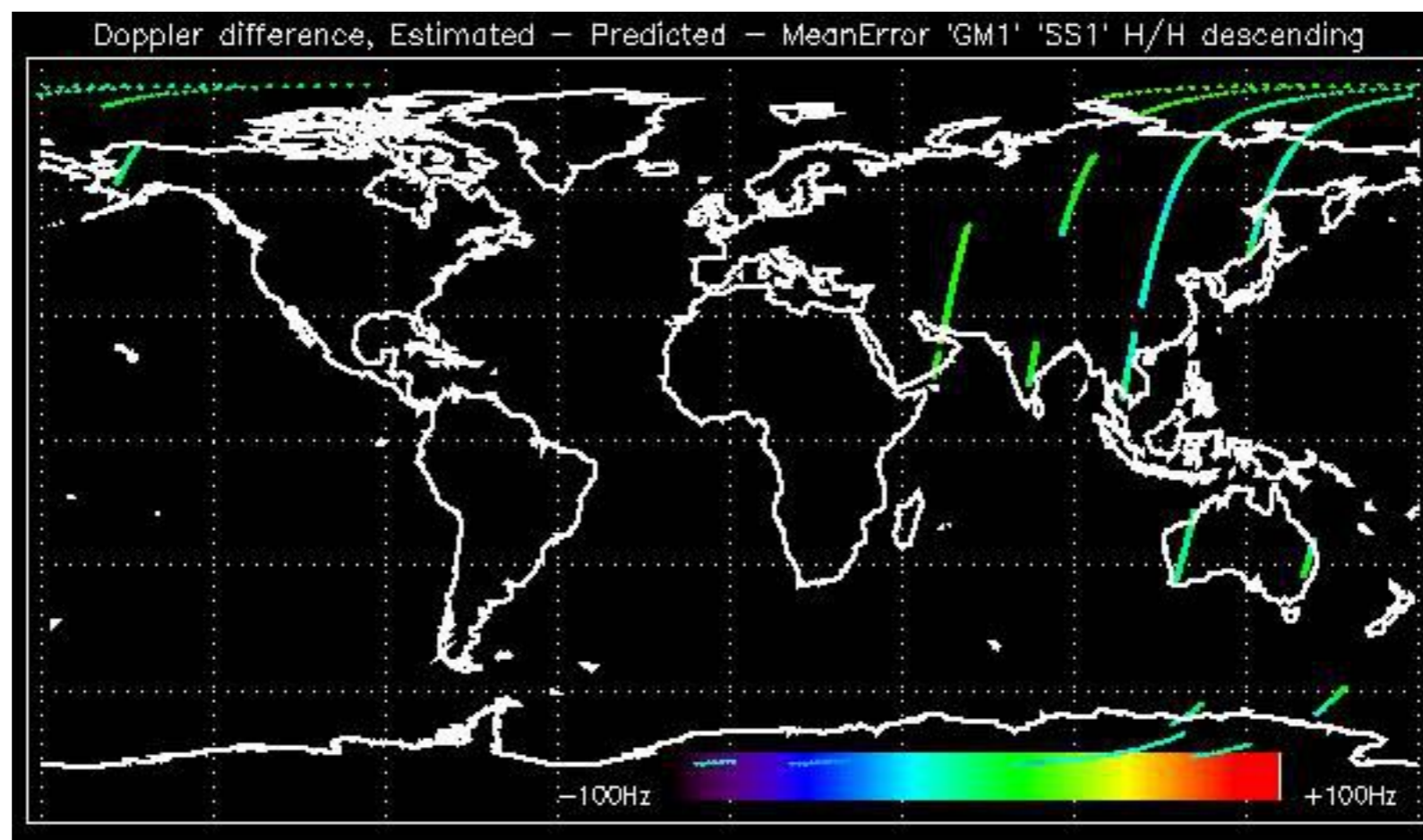


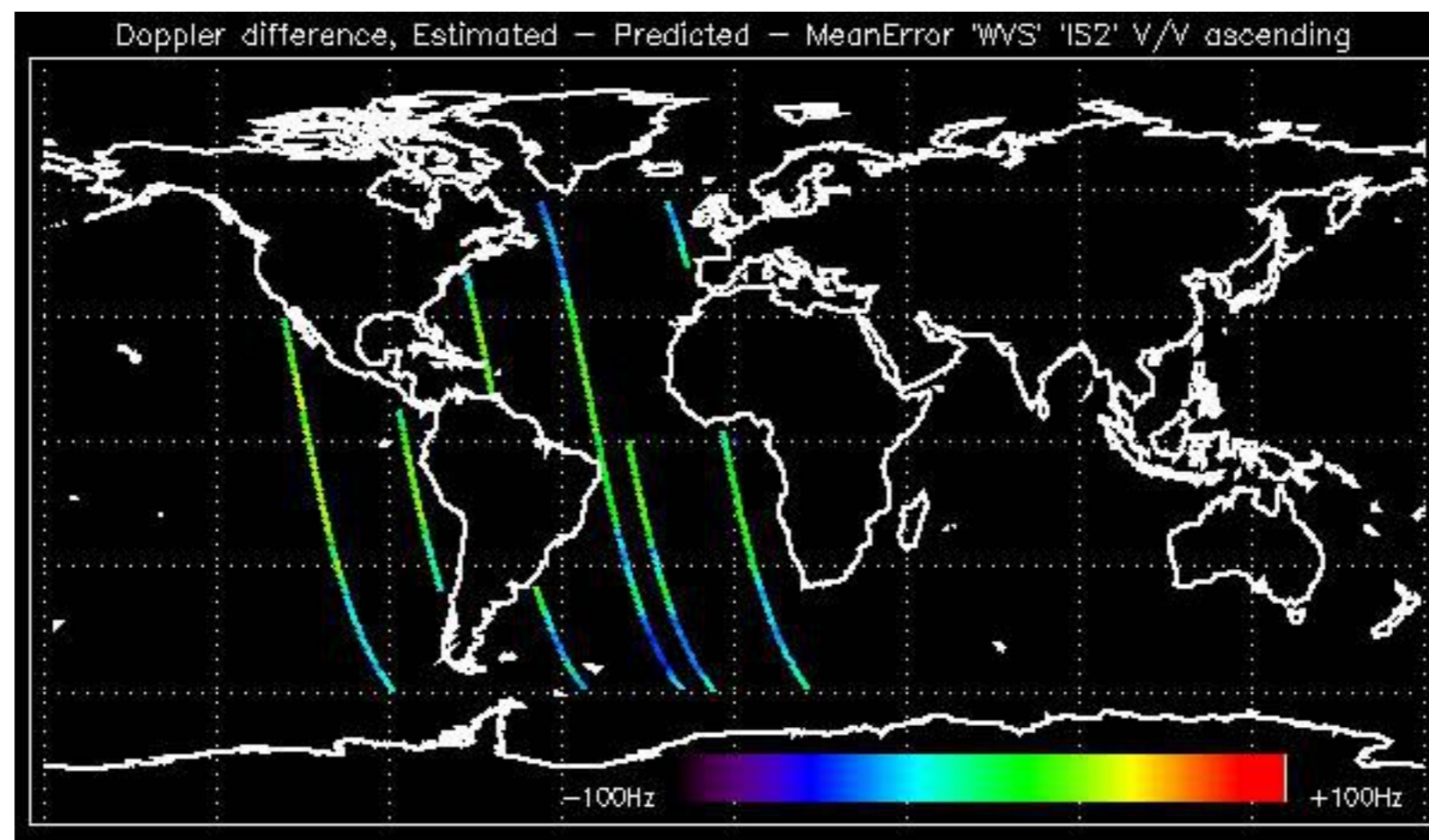


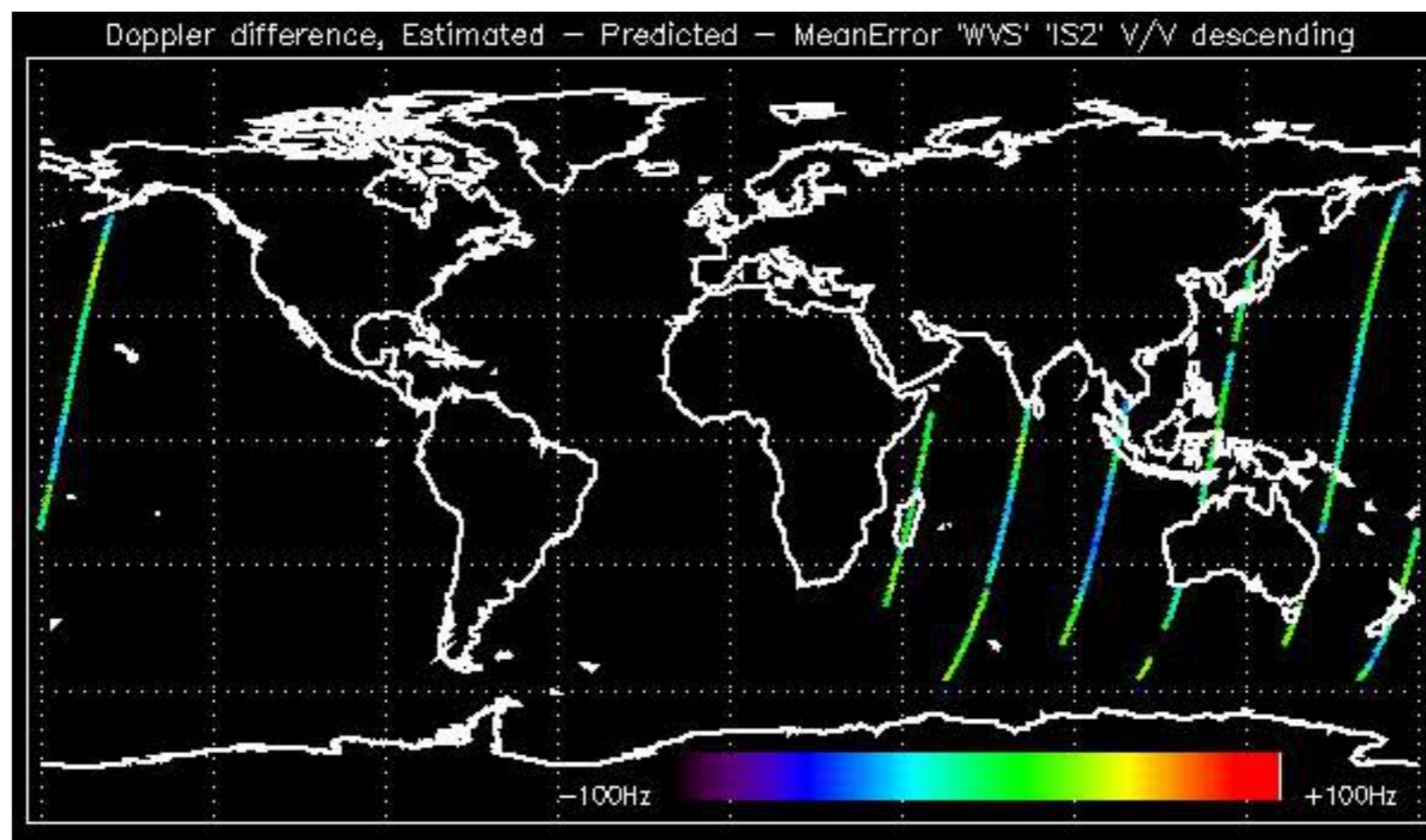


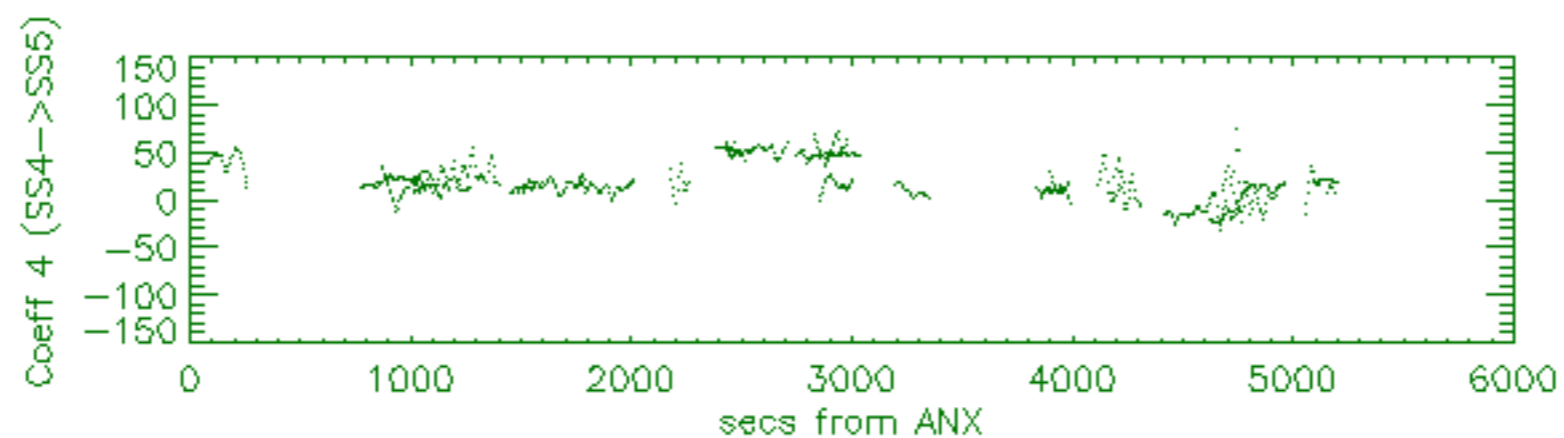
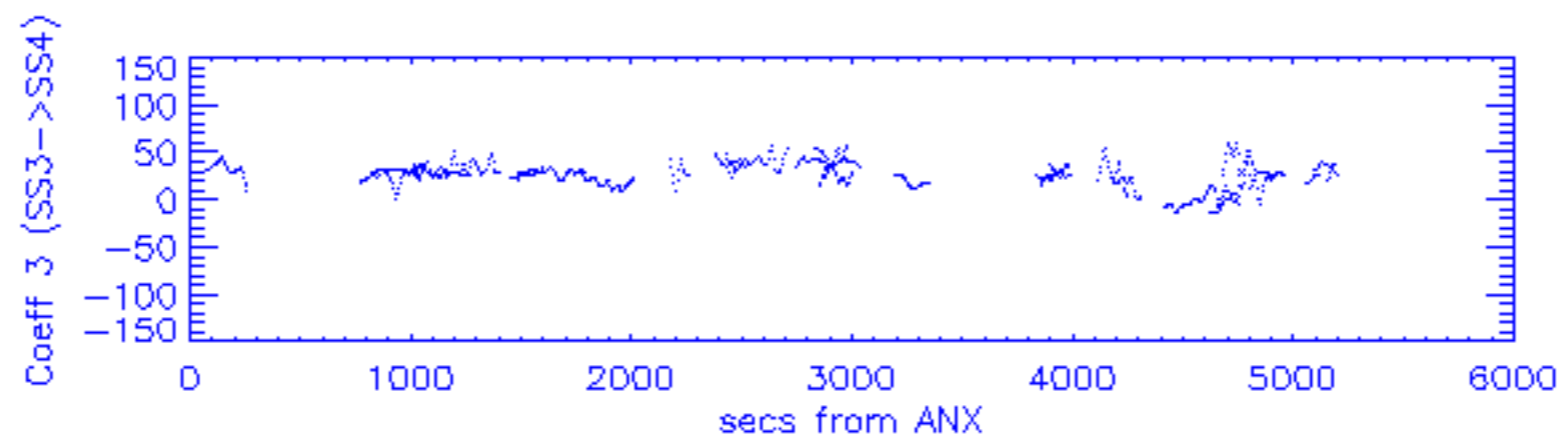
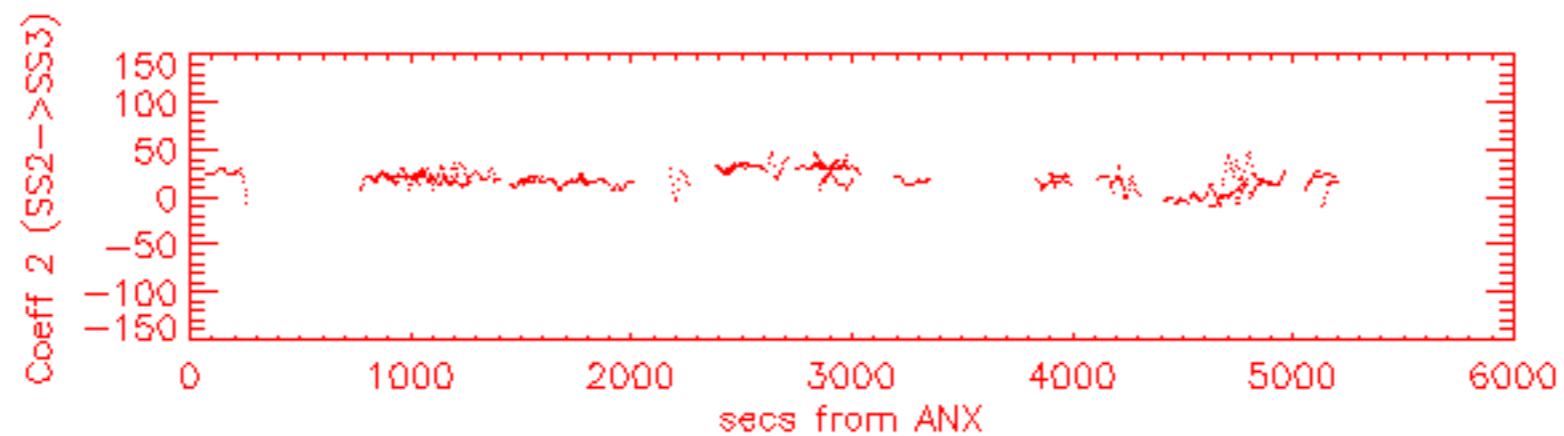
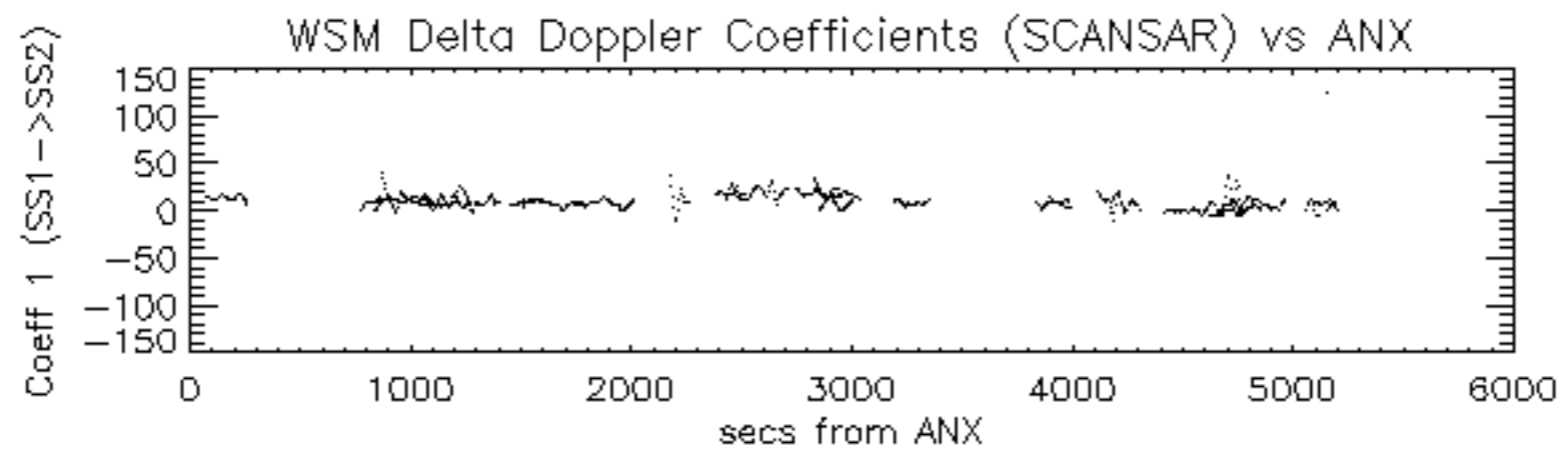


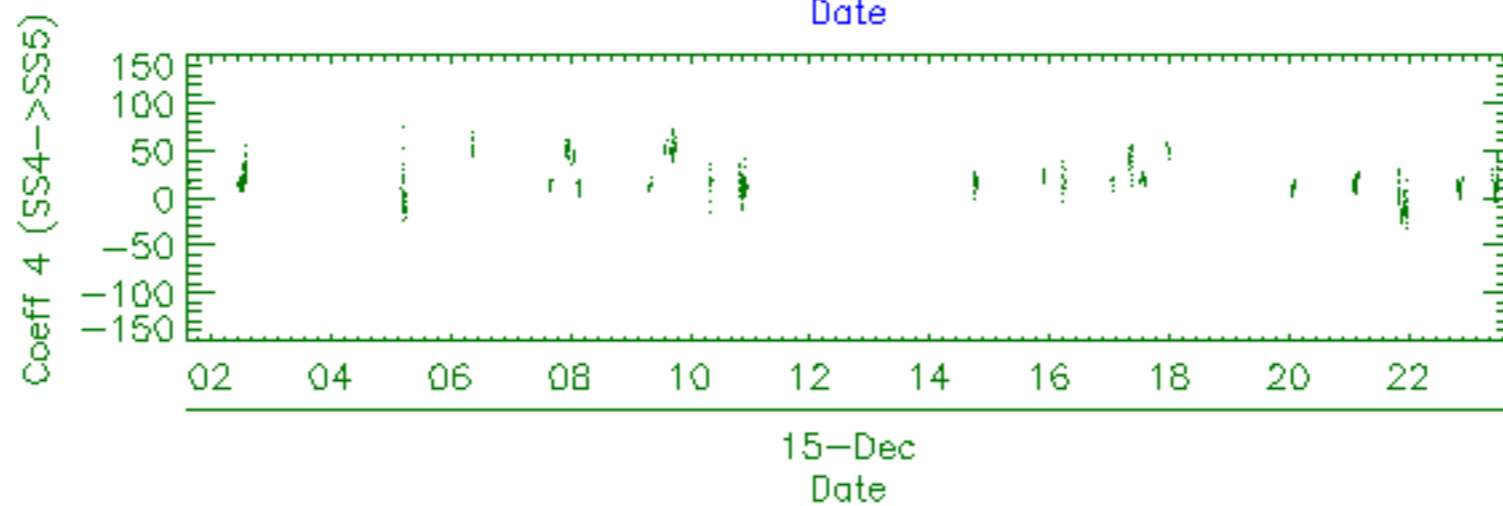
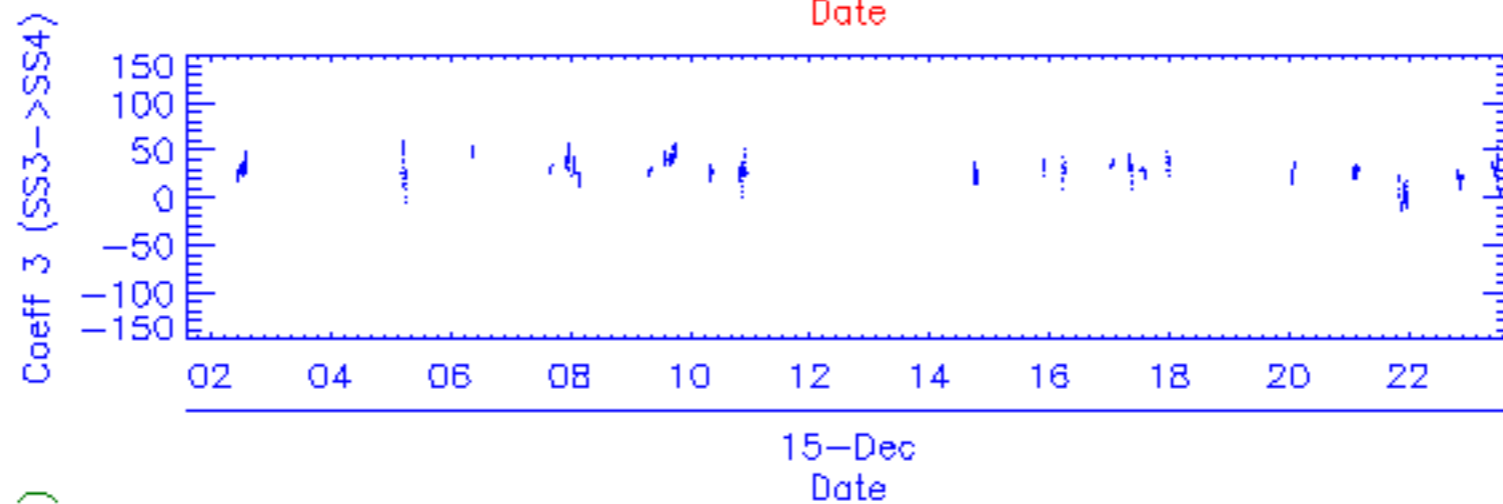
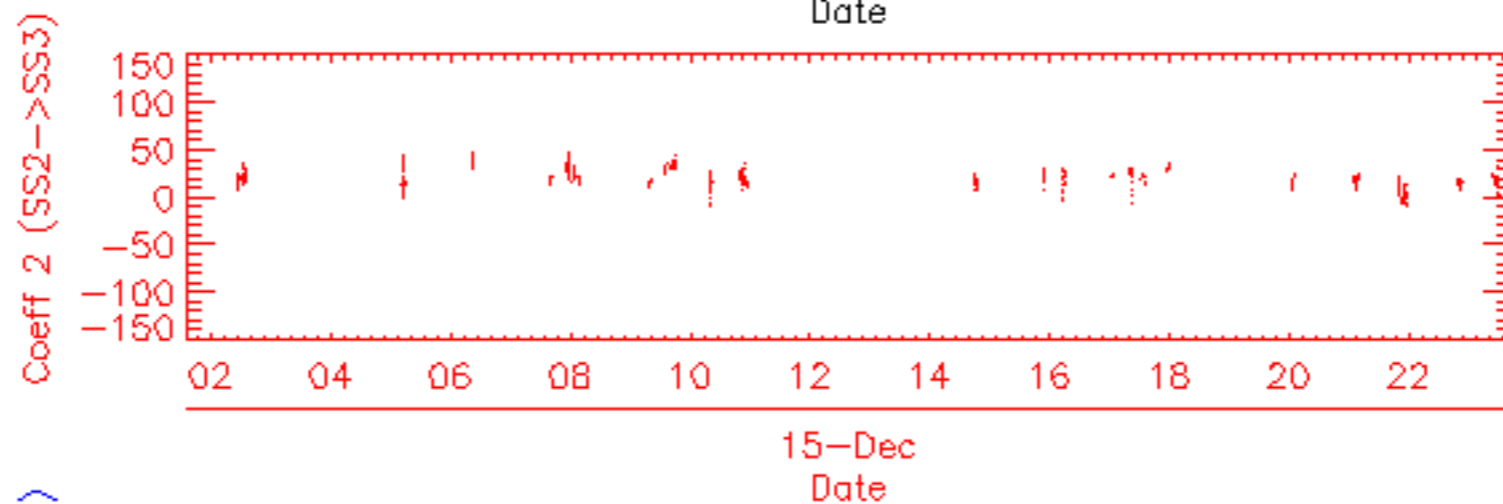
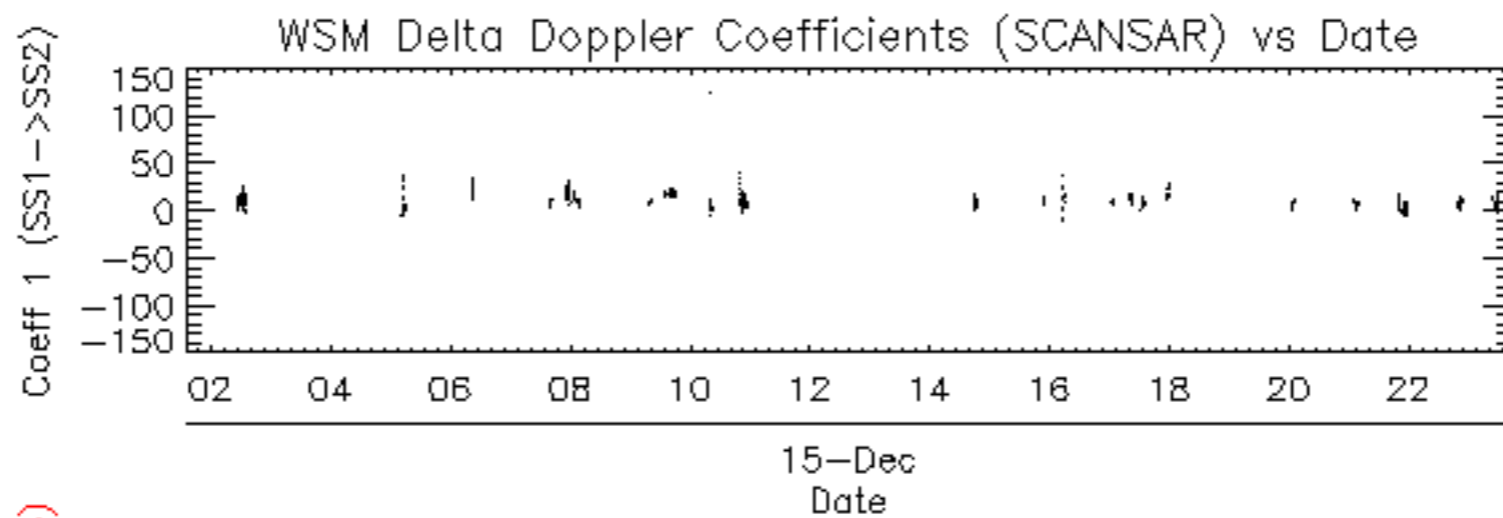


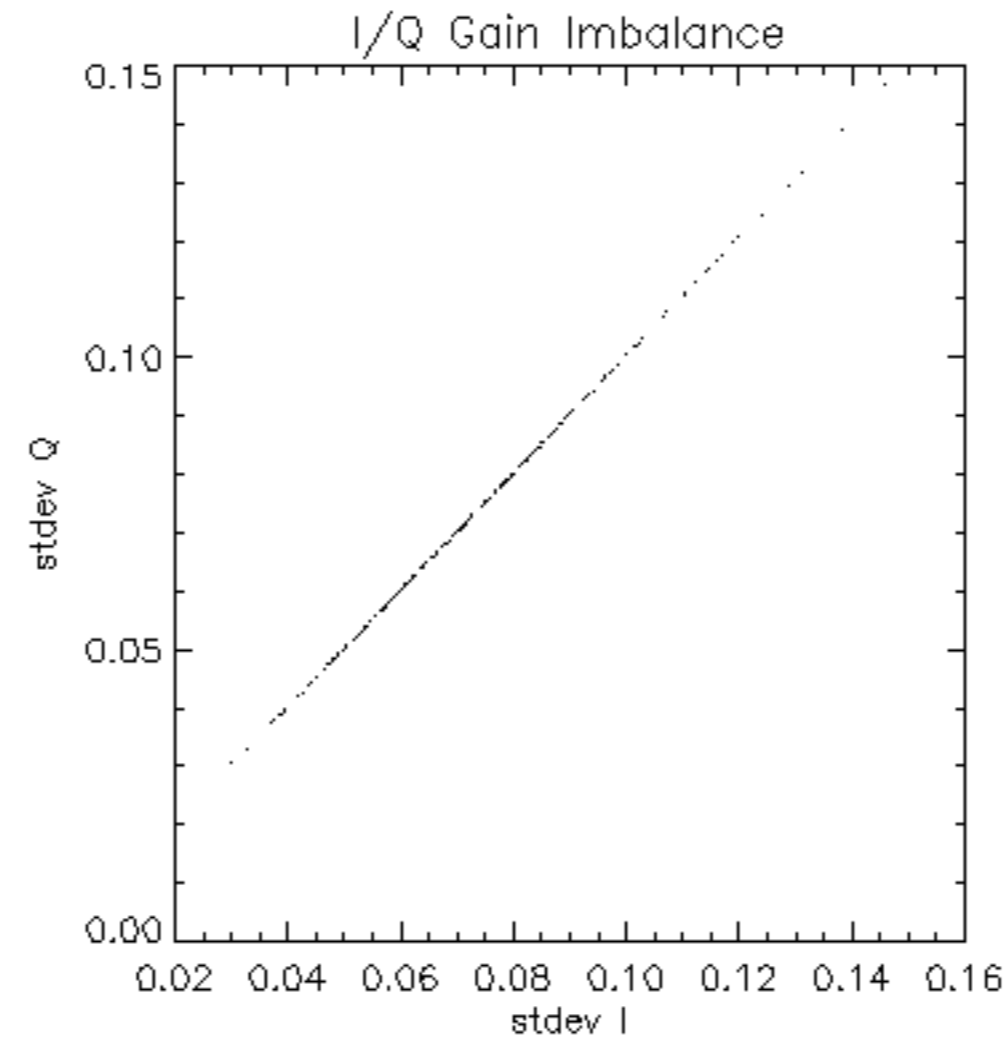


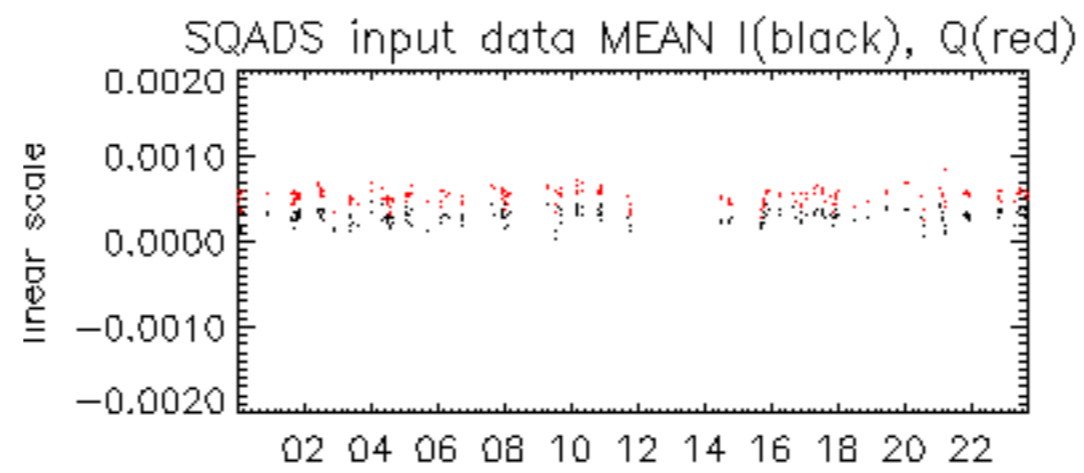




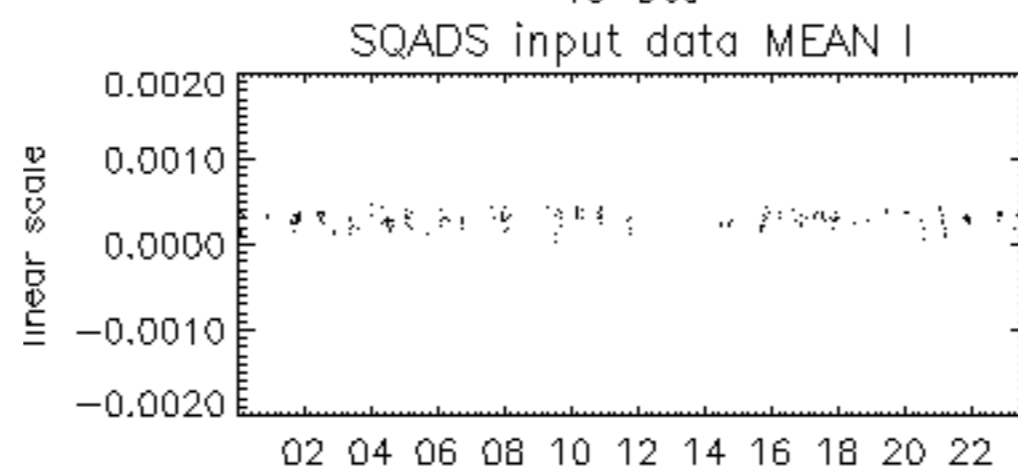




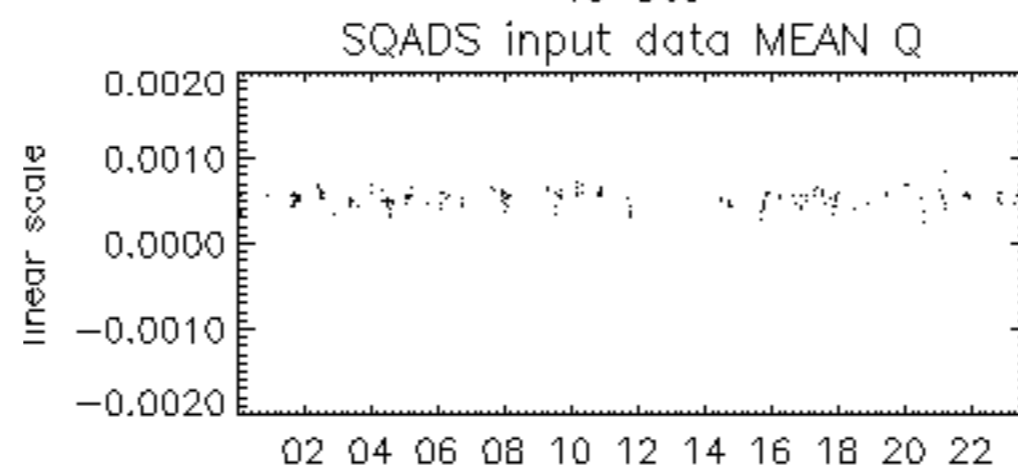




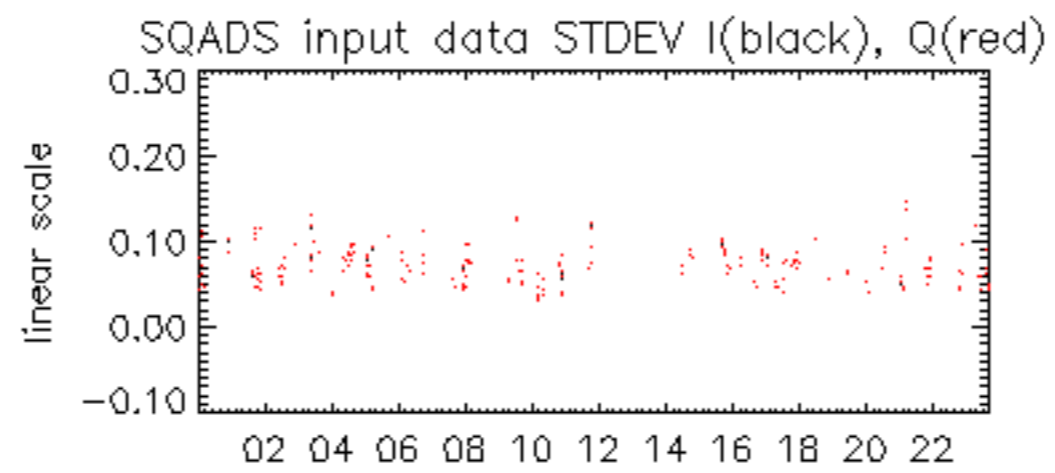
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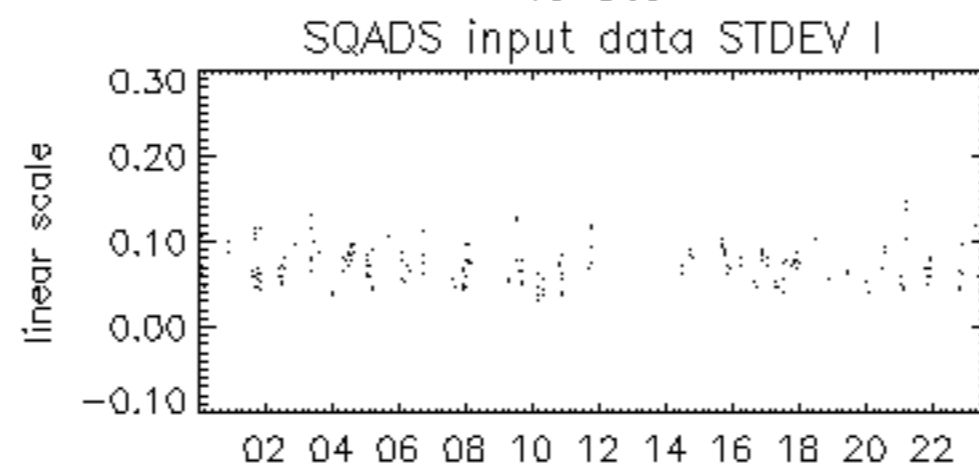
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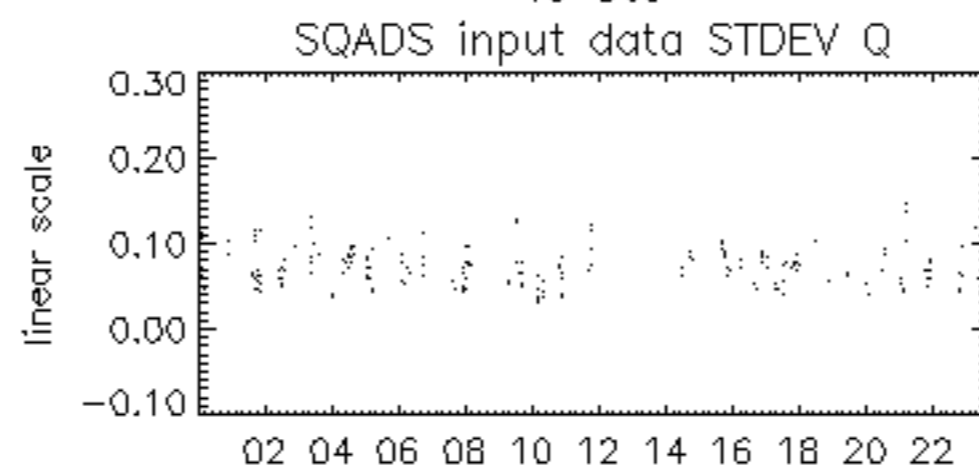
15-Dec



15-Dec



15-Dec



15-Dec

