



Analysis from 17-OCT-2010 00:00:00 to 17-OCT-2010 23:59:59. Page generated on 18-OCT-2010 07:32:29.
View log file: ASAR_Daily_Report_20101018_0731.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS2	V/V	25	PDE	WS	H/H	35	PDE	IS4	H/H	1	PDE	IS1	H/H	1	PDE	WS	H/H	26	PDK	2010-10-17 18:36:29	H	320
PDK	IS2	V/V	15	PDK	WS	H/H	30	PDE	IS4	V/H	1	PDE	IS2	H/H	11	PDE	WS	V/V	8				
								PDE	IS4	V/V	1	PDE	IS2	V/V	12	PDK	WS	H/H	11				
												PDK	IS2	H/H	2	PDK	WS	V/V	3				
												PDK	IS2	V/V	3								

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_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_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

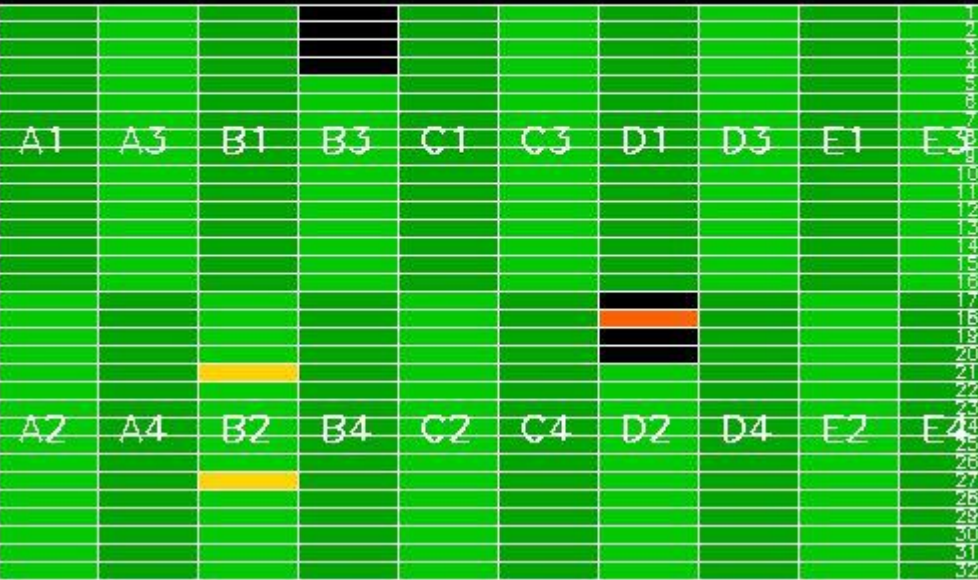
[TXT] [XLS] [Check_ADFs_WVS](#)
 [TXT] [XLS] [Check_ADFs_GM1](#)
 [TXT] [XLS] [Check_ADFs_APM](#)
 [TXT] [XLS] [Check_ADFs_IMM](#)
 [TXT] [XLS] [Check_ADFs_WSM](#)

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

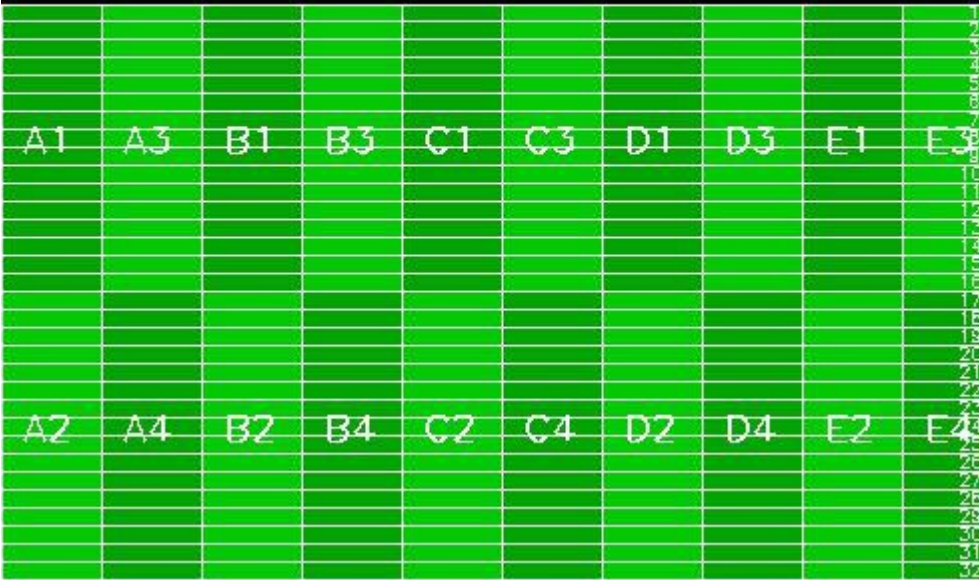
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2010-10-16 20:48:42 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

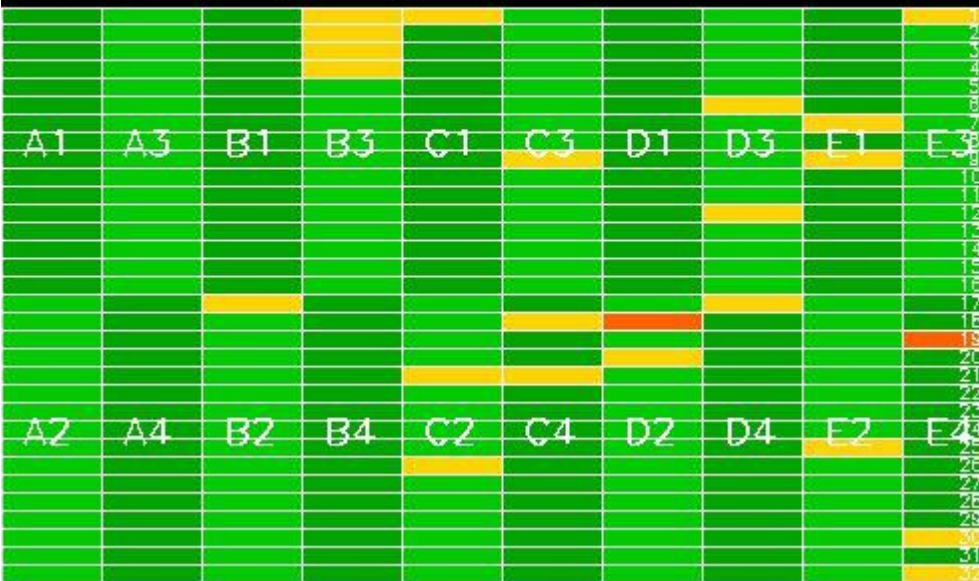
Reference: 2010-10-14 10:07:45 V RxGain
 Test : 2010-10-16 20:48:42 V

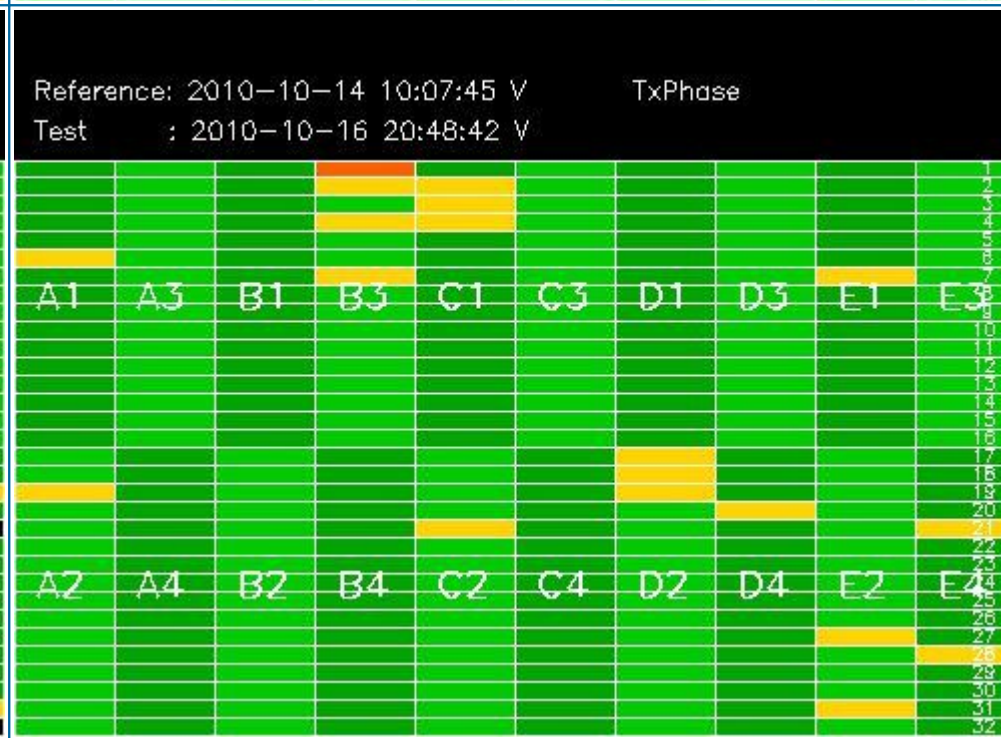
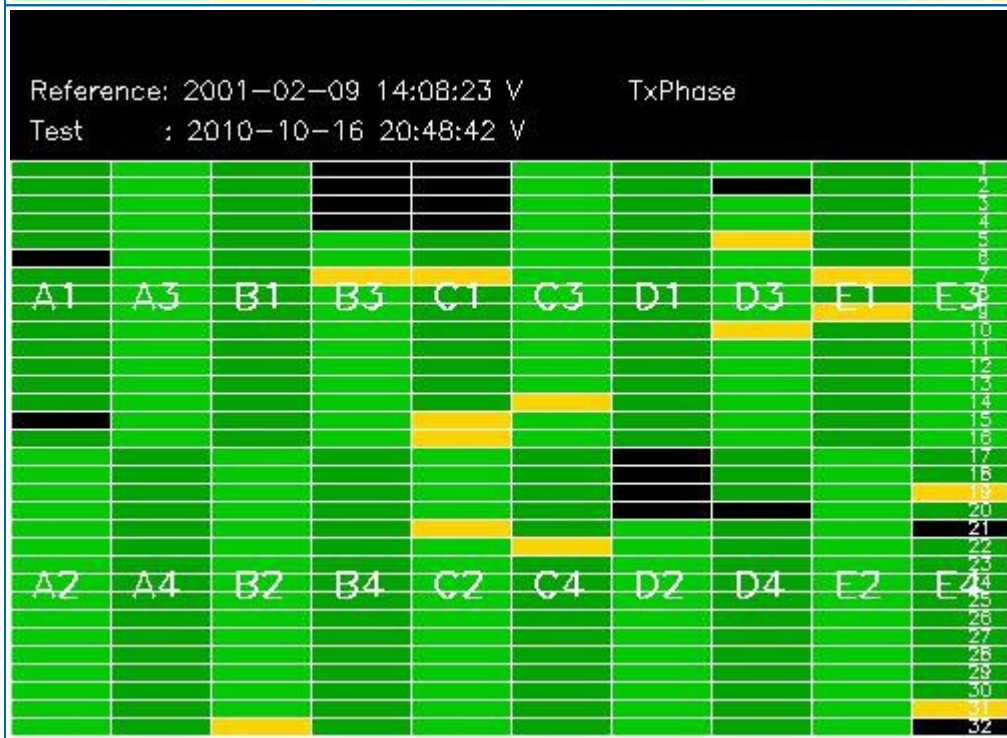
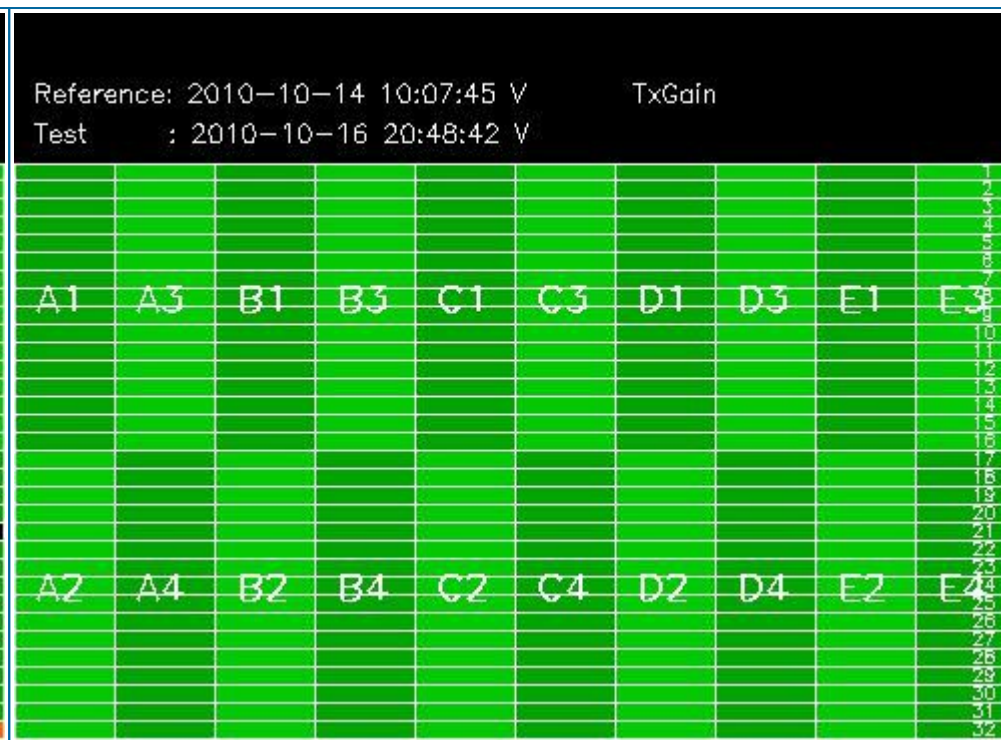
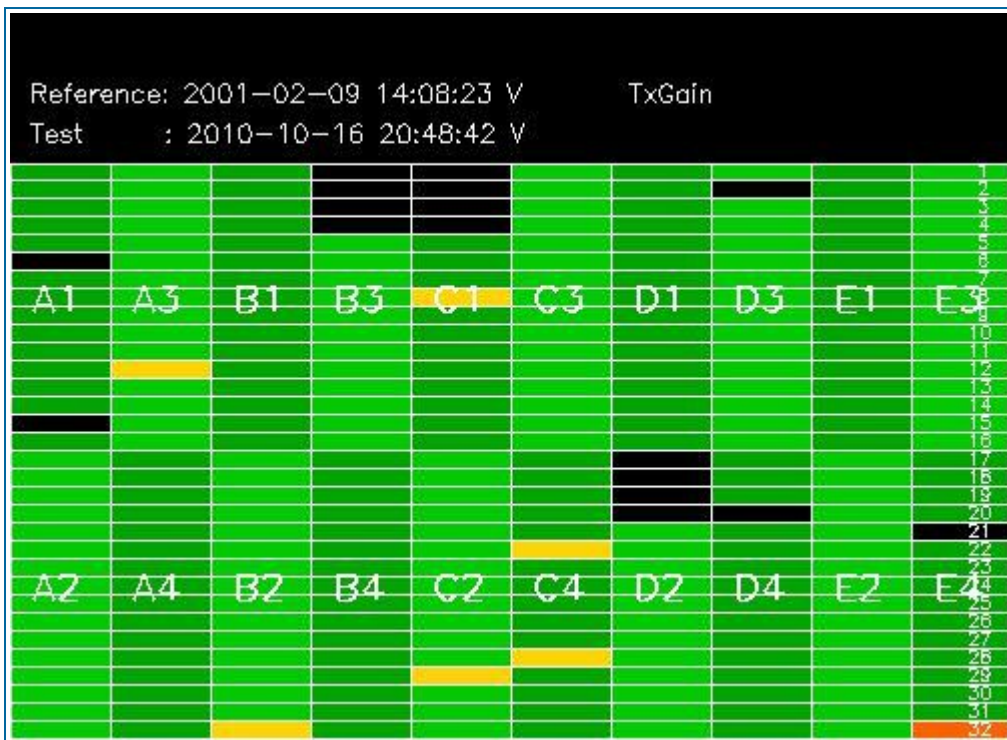


Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2010-10-16 20:48:42 V



Reference: 2010-10-14 10:07:45 V RxPhase
 Test : 2010-10-16 20:48:42 V



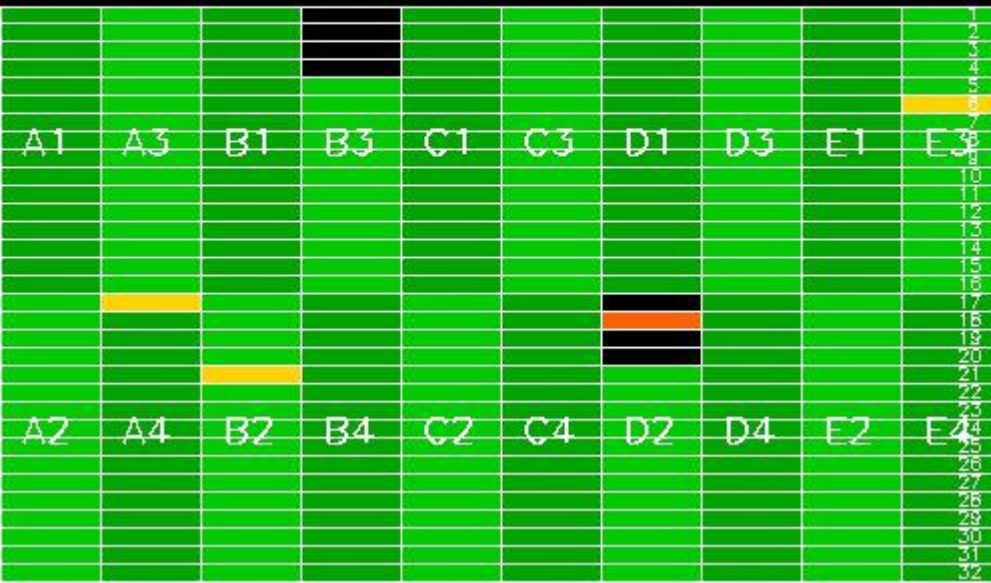


3.2 - H/H polarisation

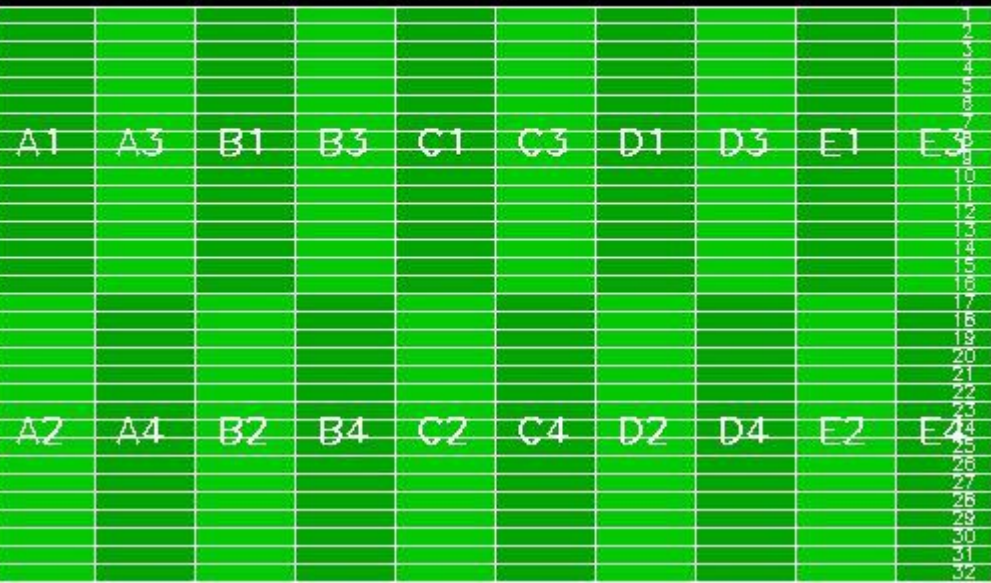
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2010-10-17 18:36:29 H



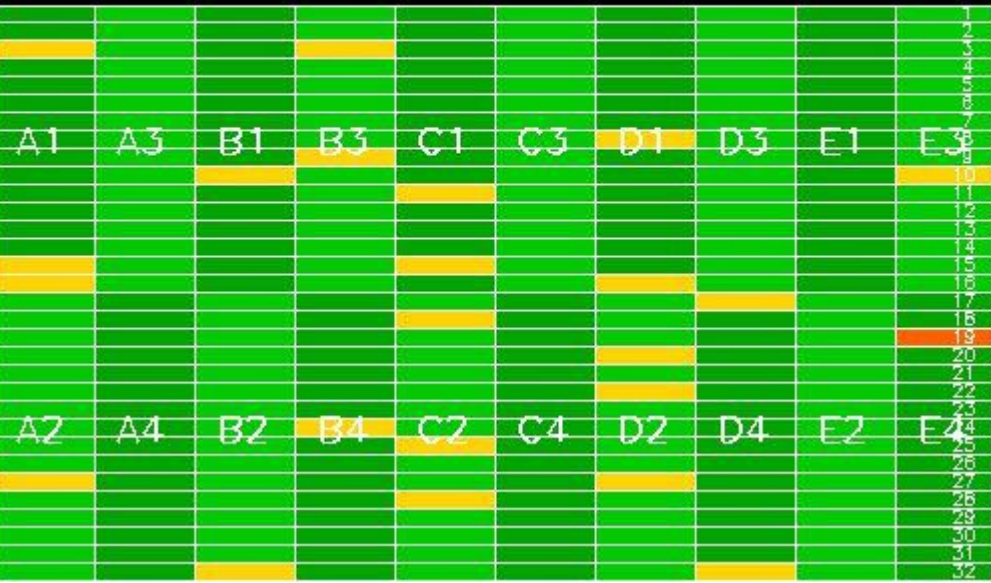
Reference: 2010-10-15 14:37:55 H RxGain
 Test : 2010-10-17 18:36:29 H

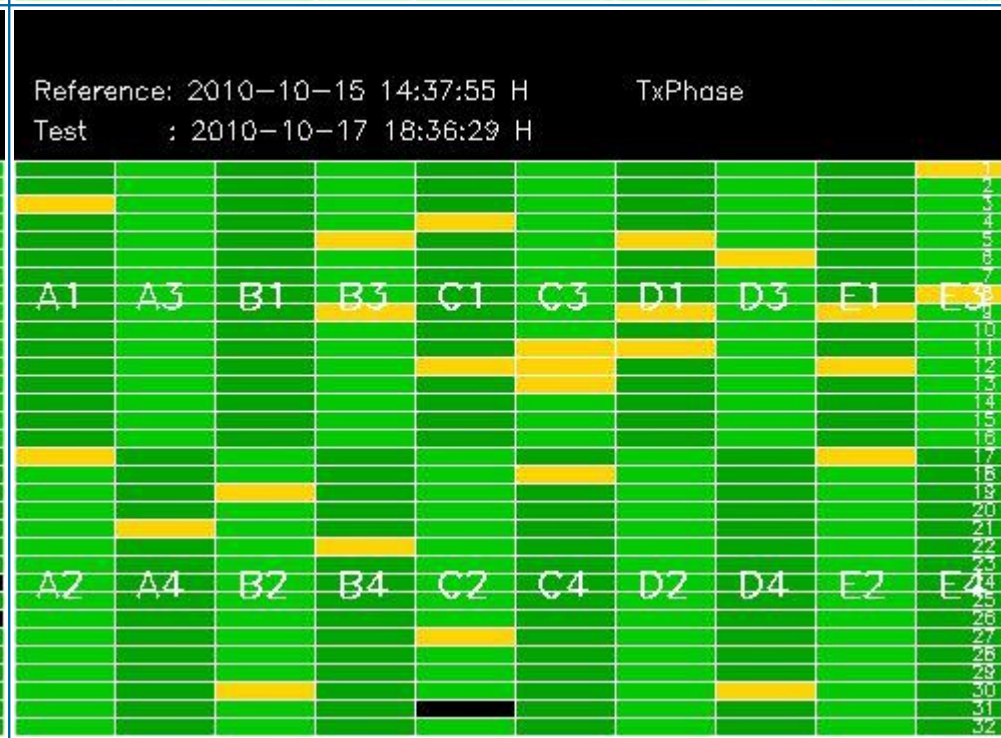
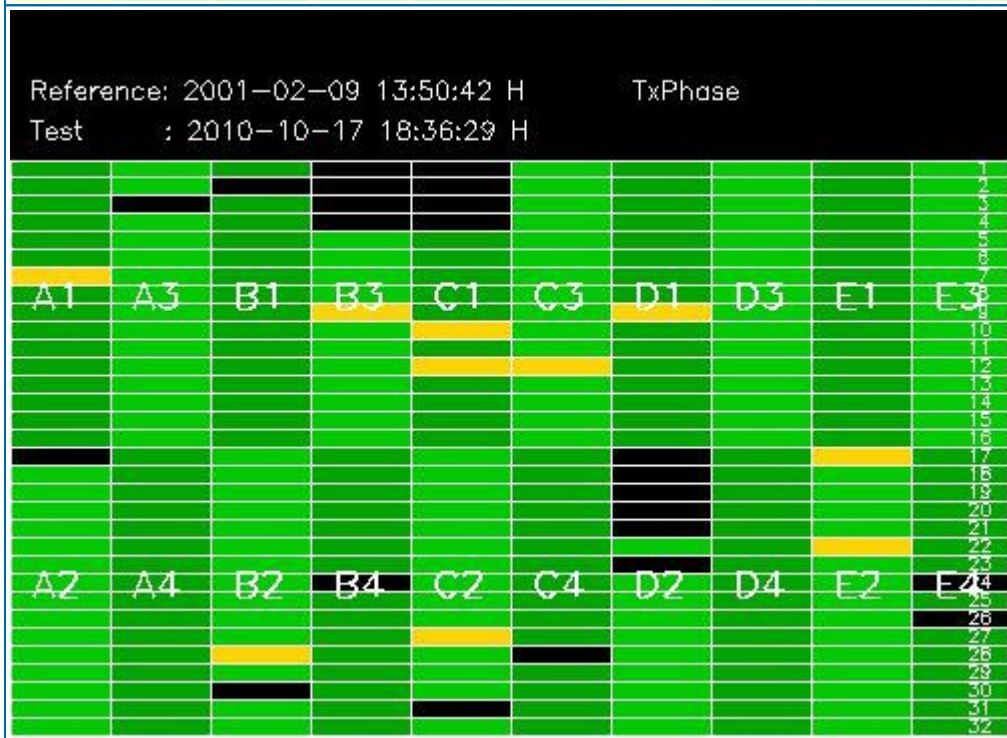
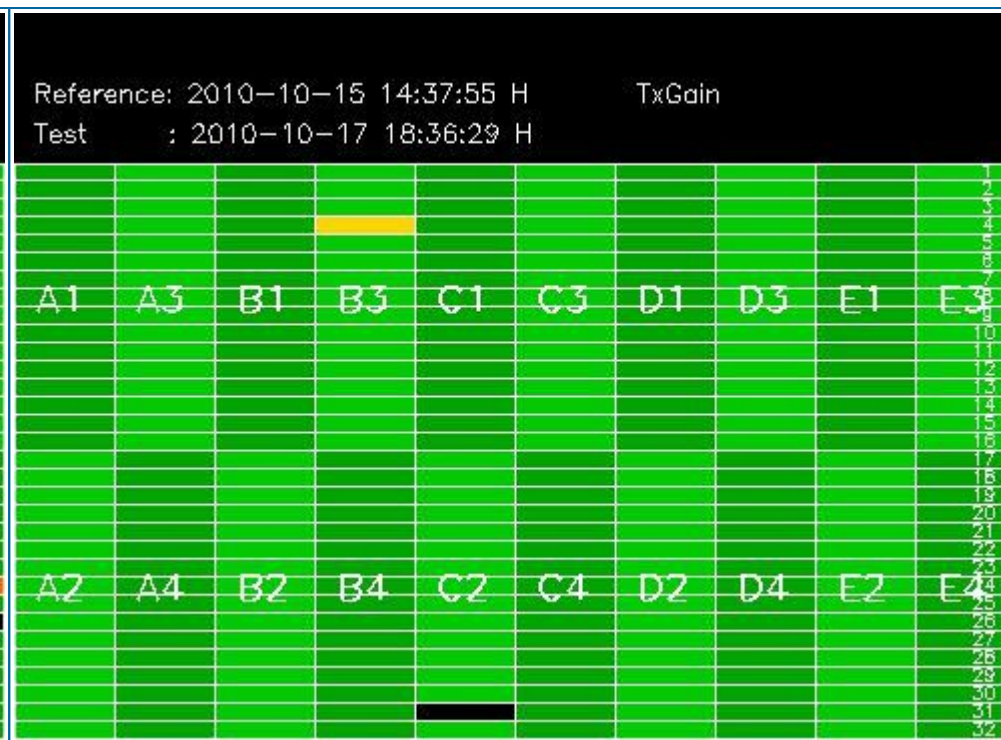
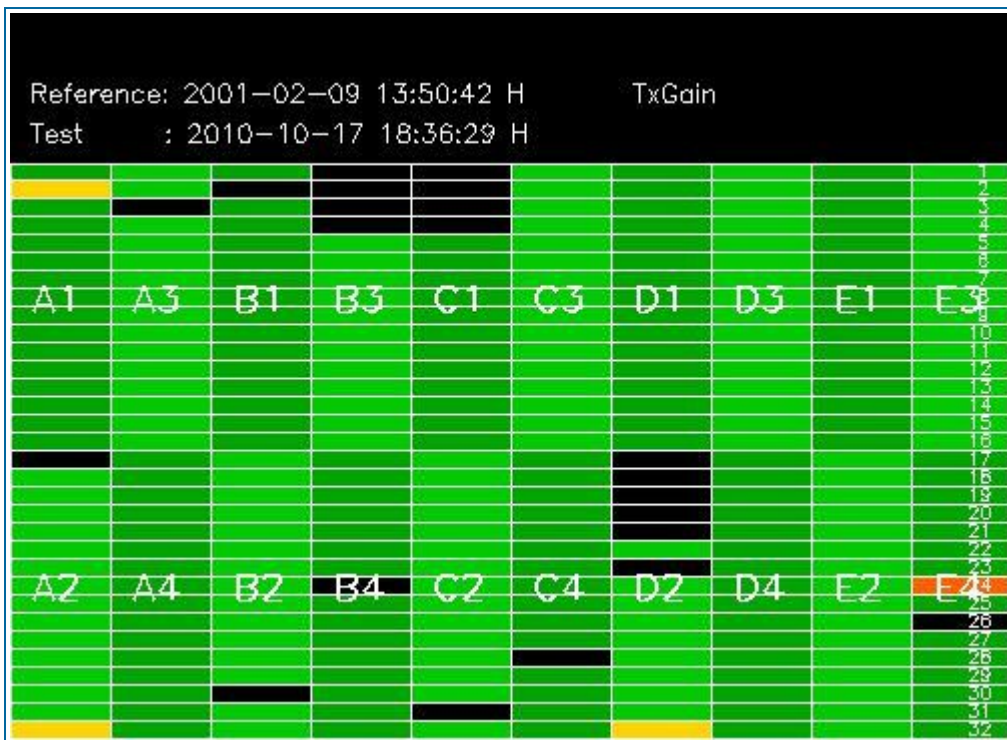


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2010-10-17 18:36:29 H



Reference: 2010-10-15 14:37:55 H RxPhase
 Test : 2010-10-17 18:36:29 H





4 - CALIBRATION PULSES ANALYSIS

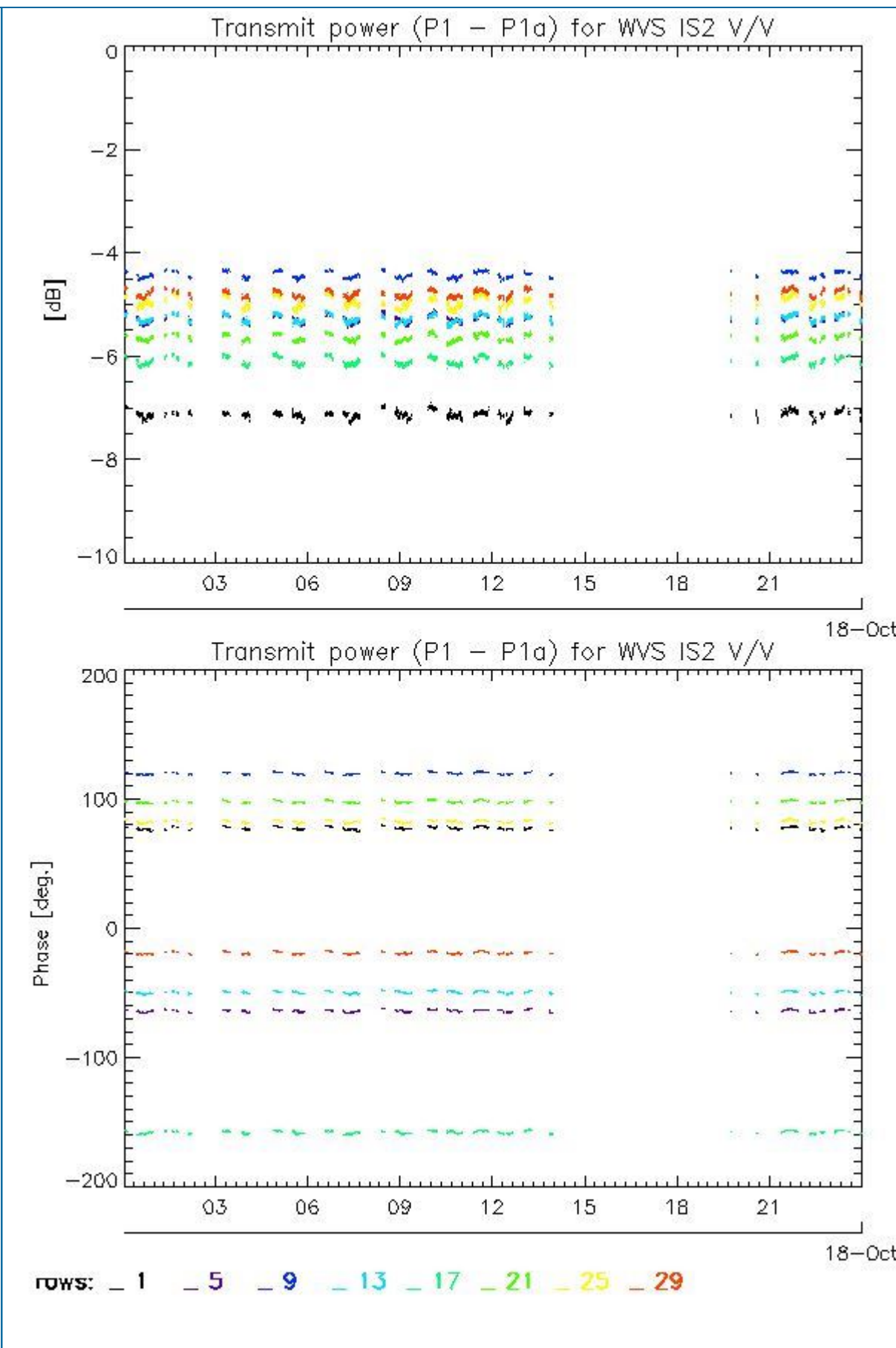
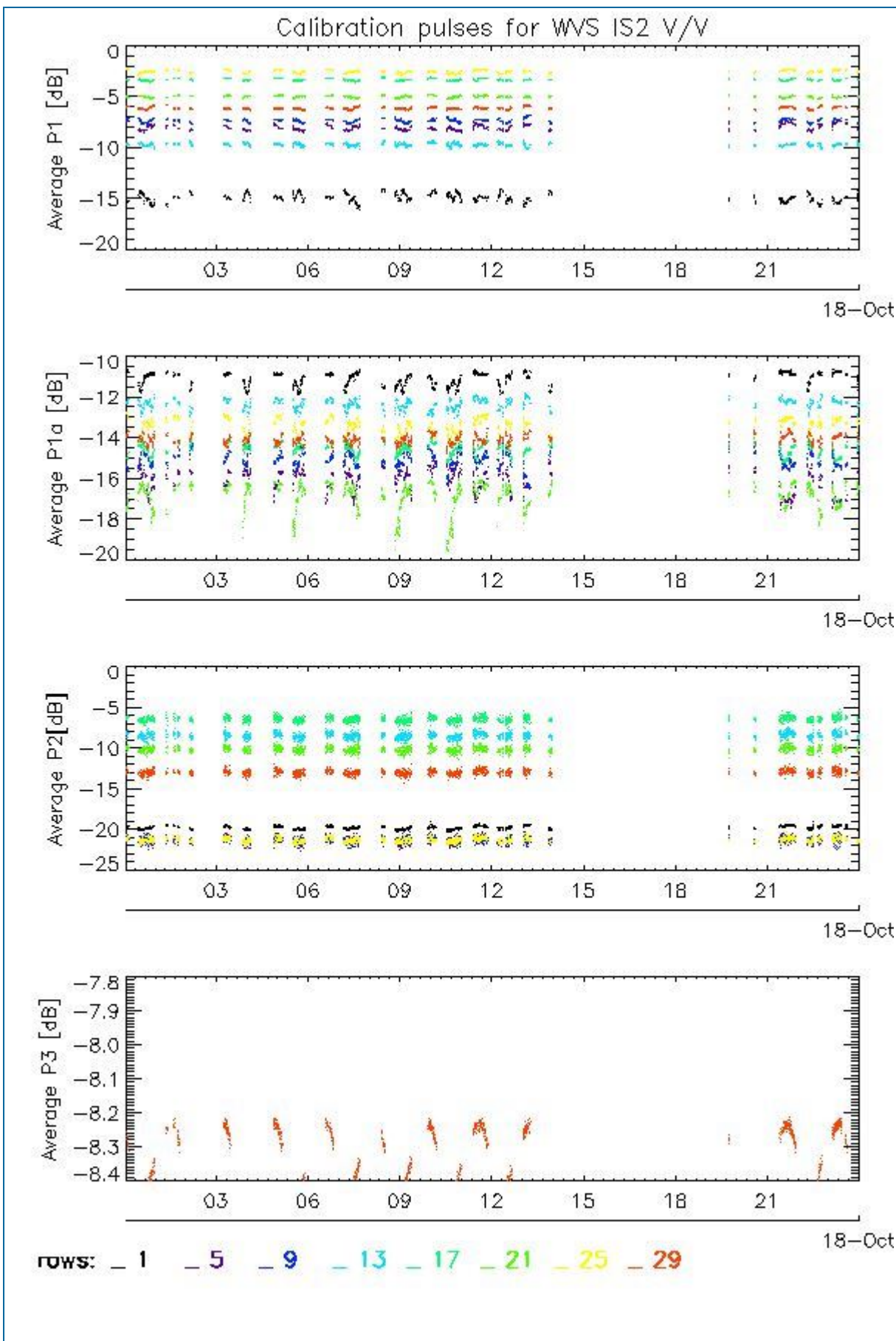
4.1 - Analysis for WVS IS2 V/V

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]

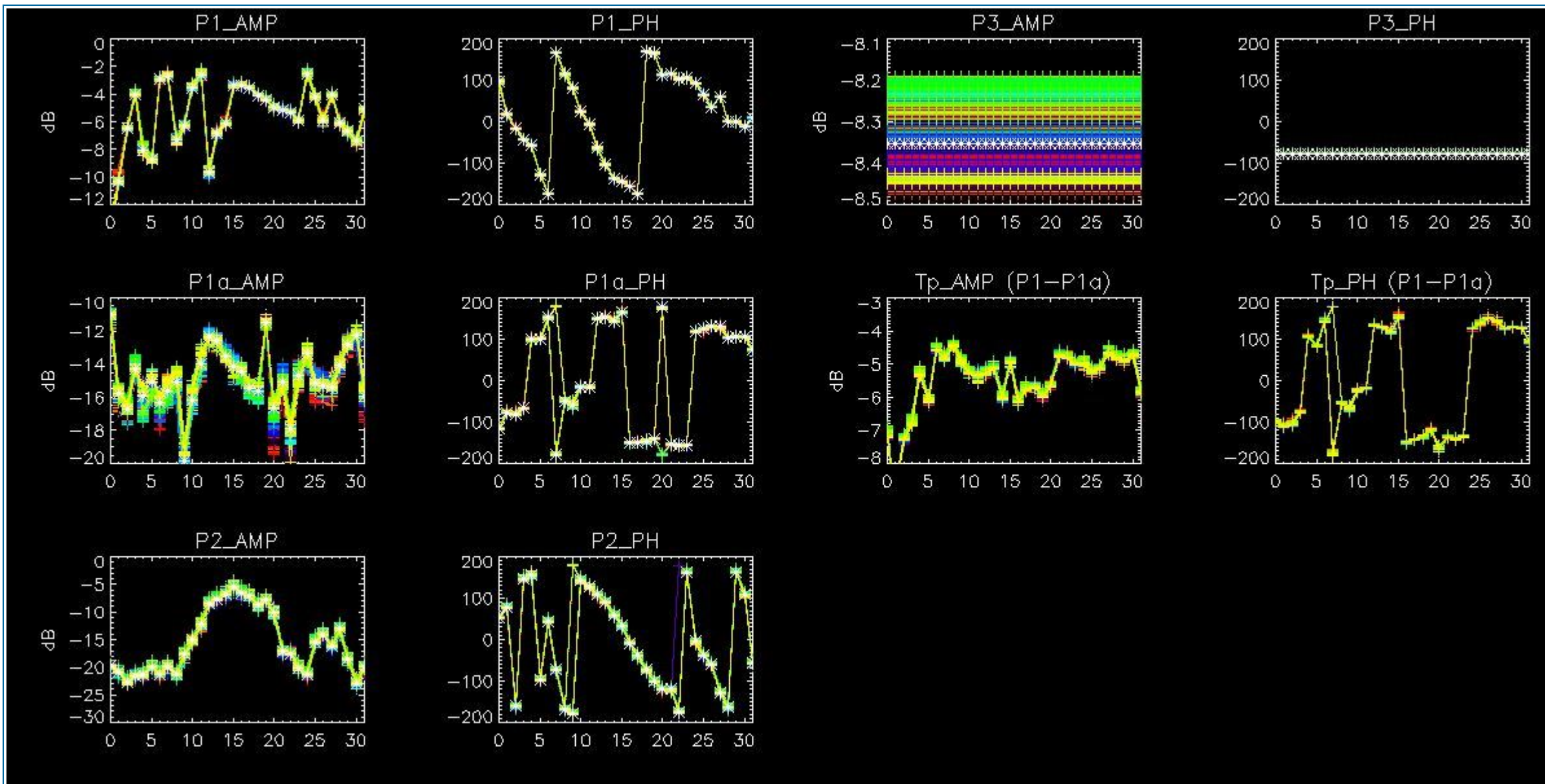
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

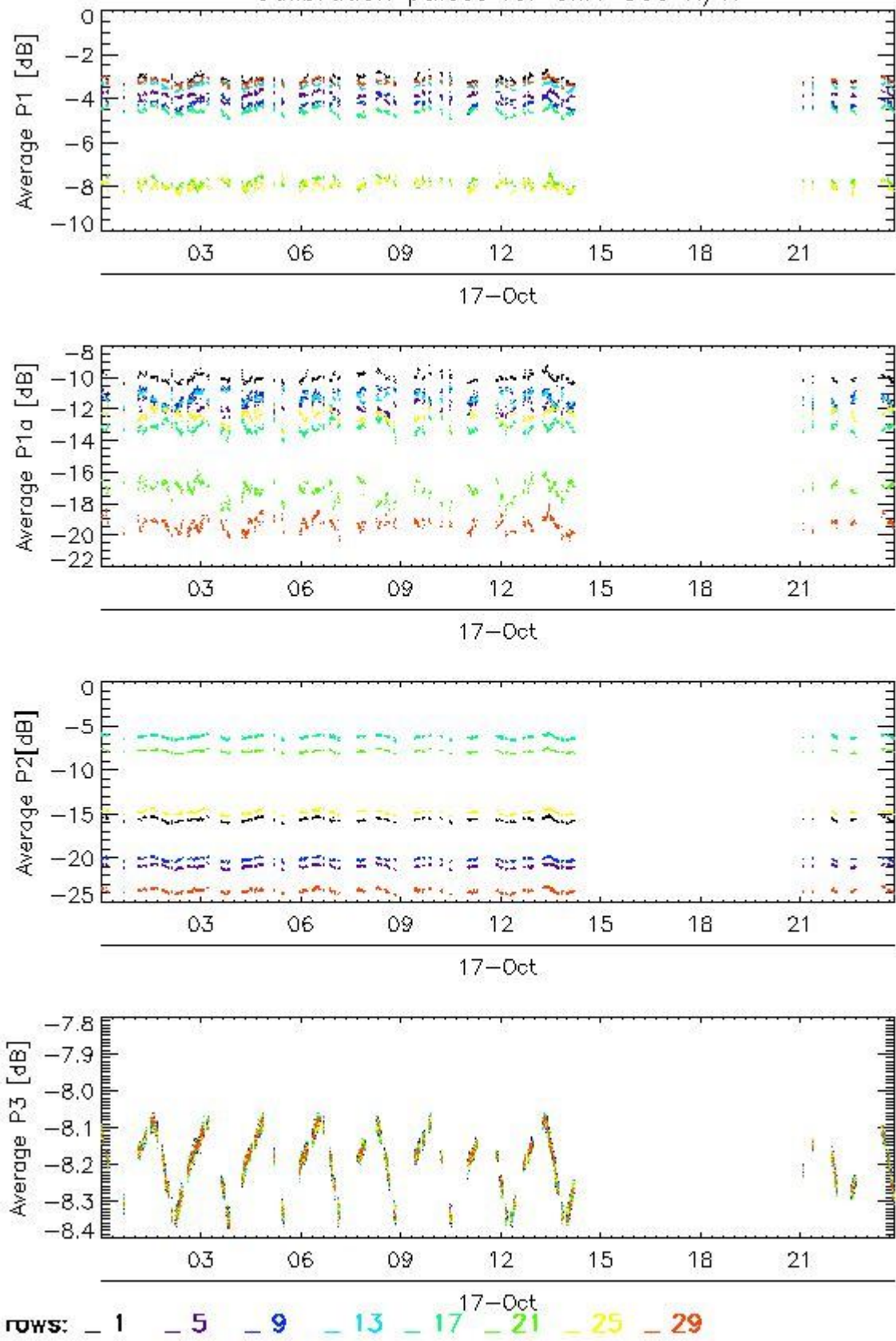
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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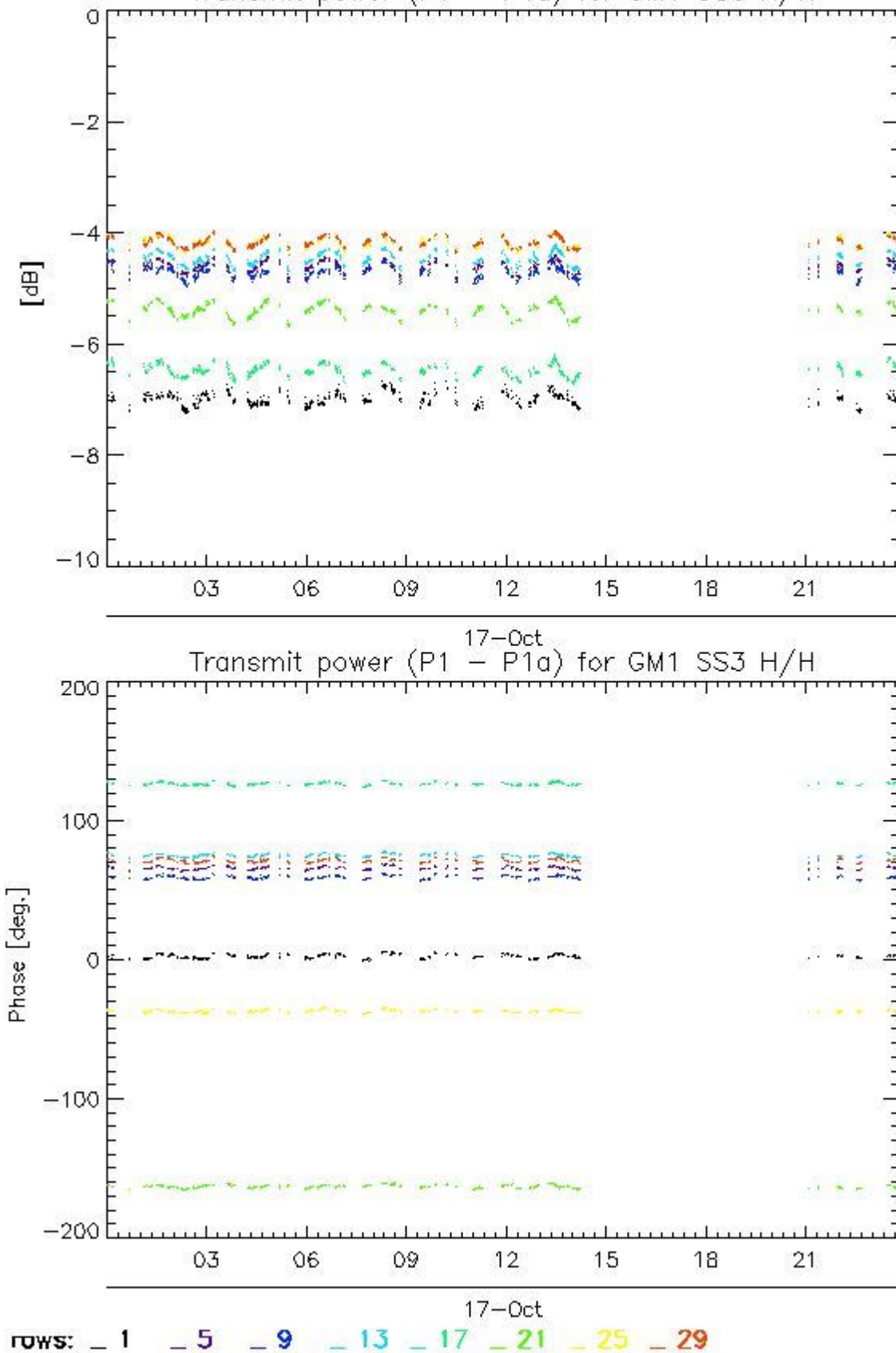
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



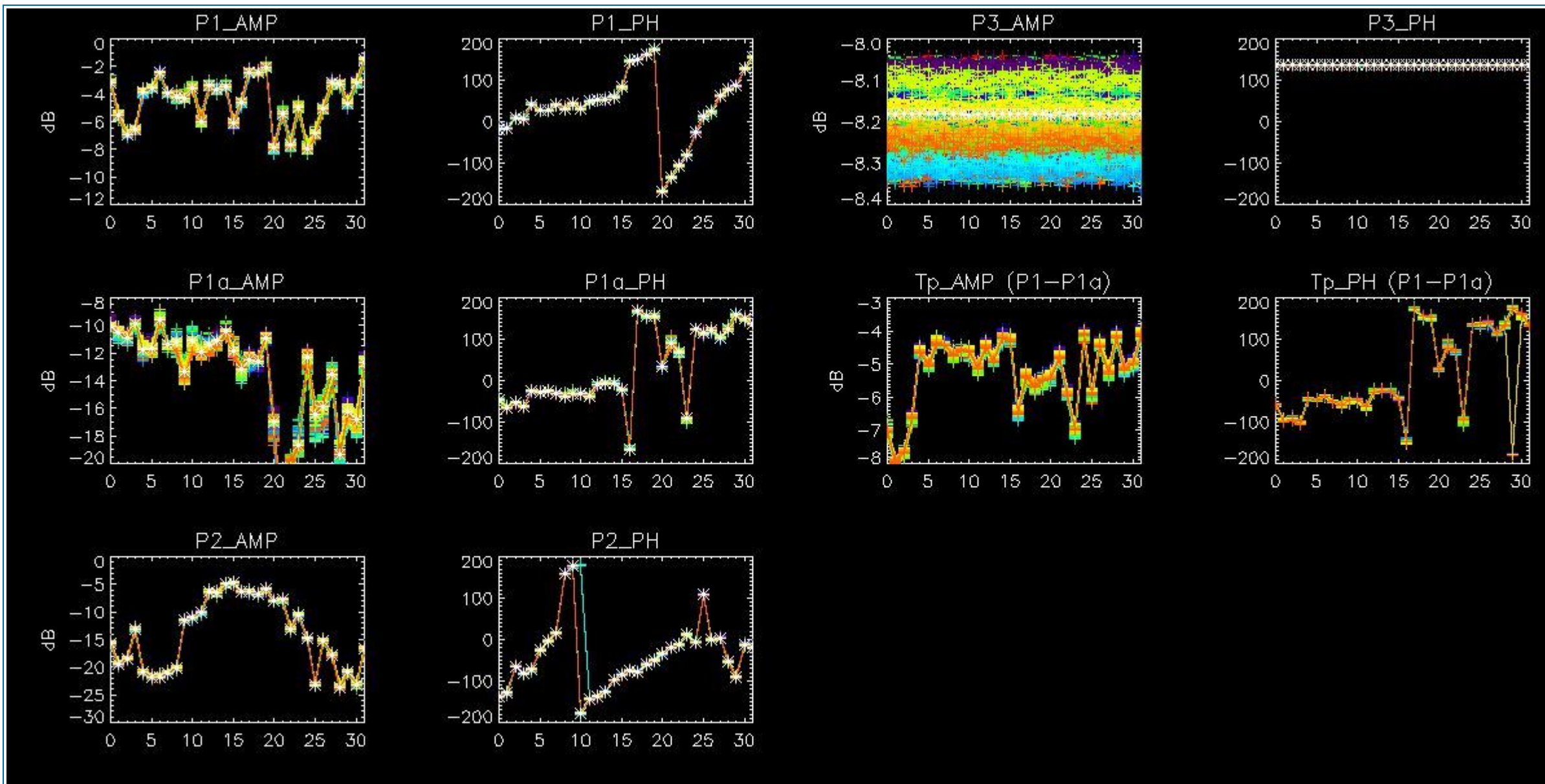
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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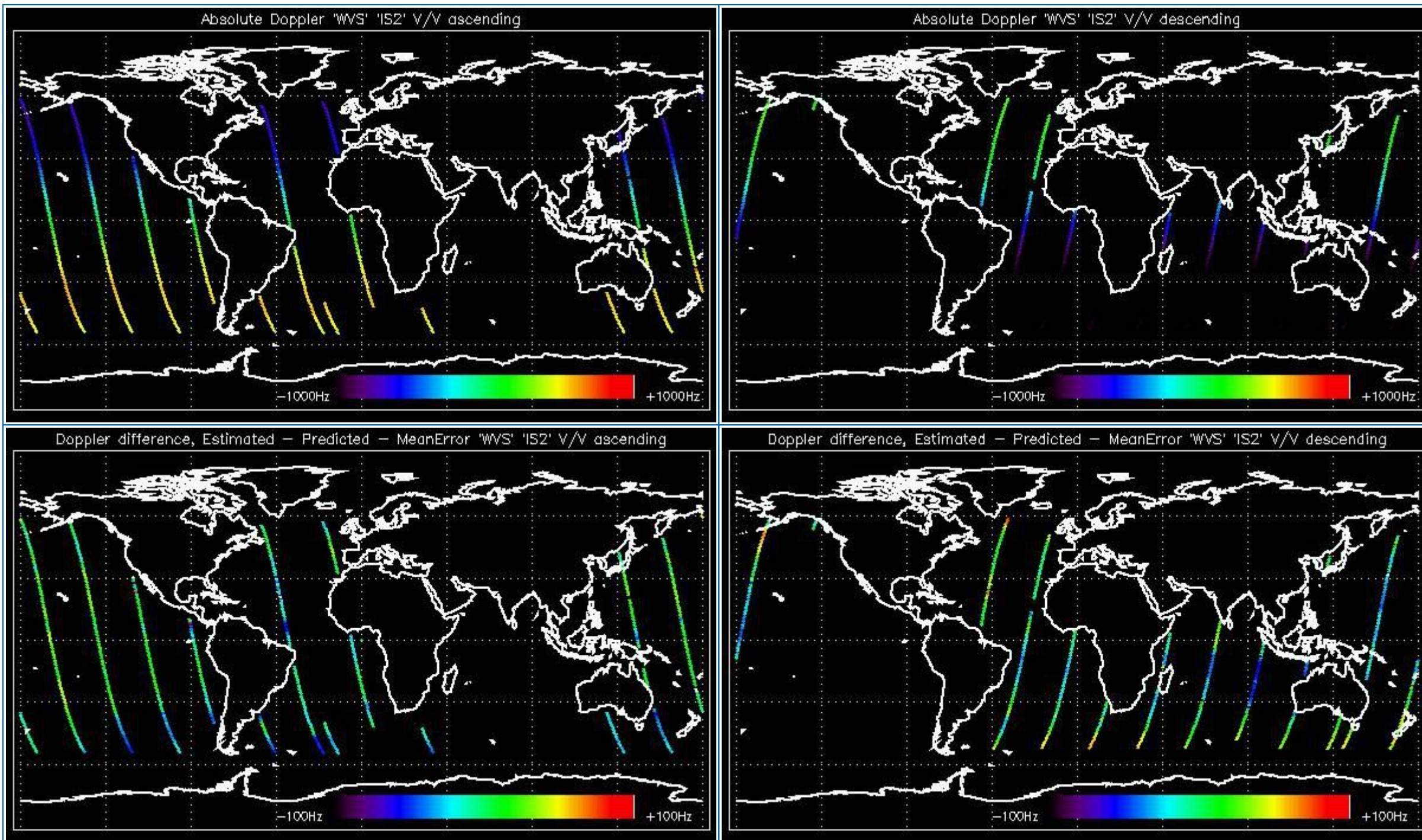
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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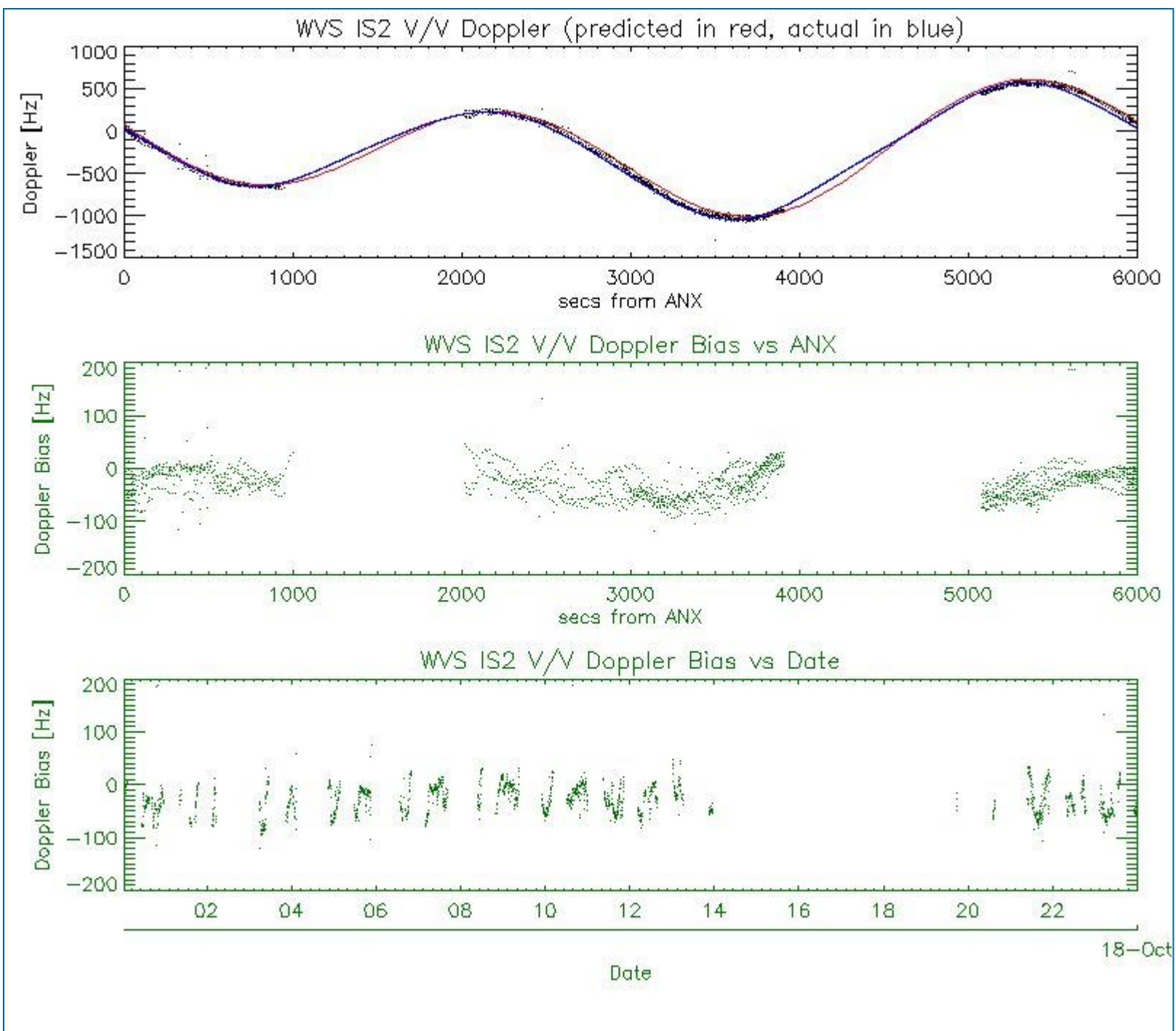




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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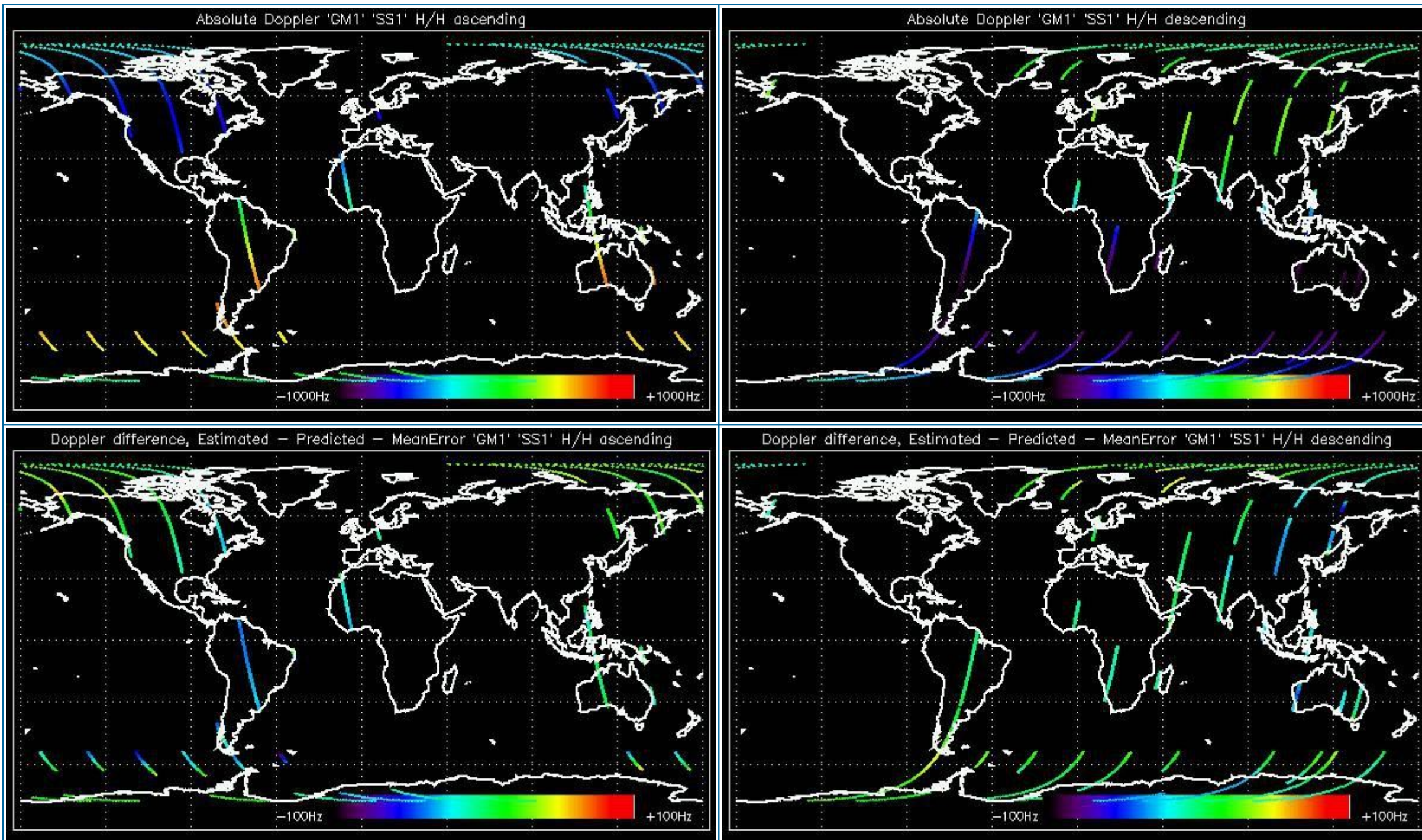


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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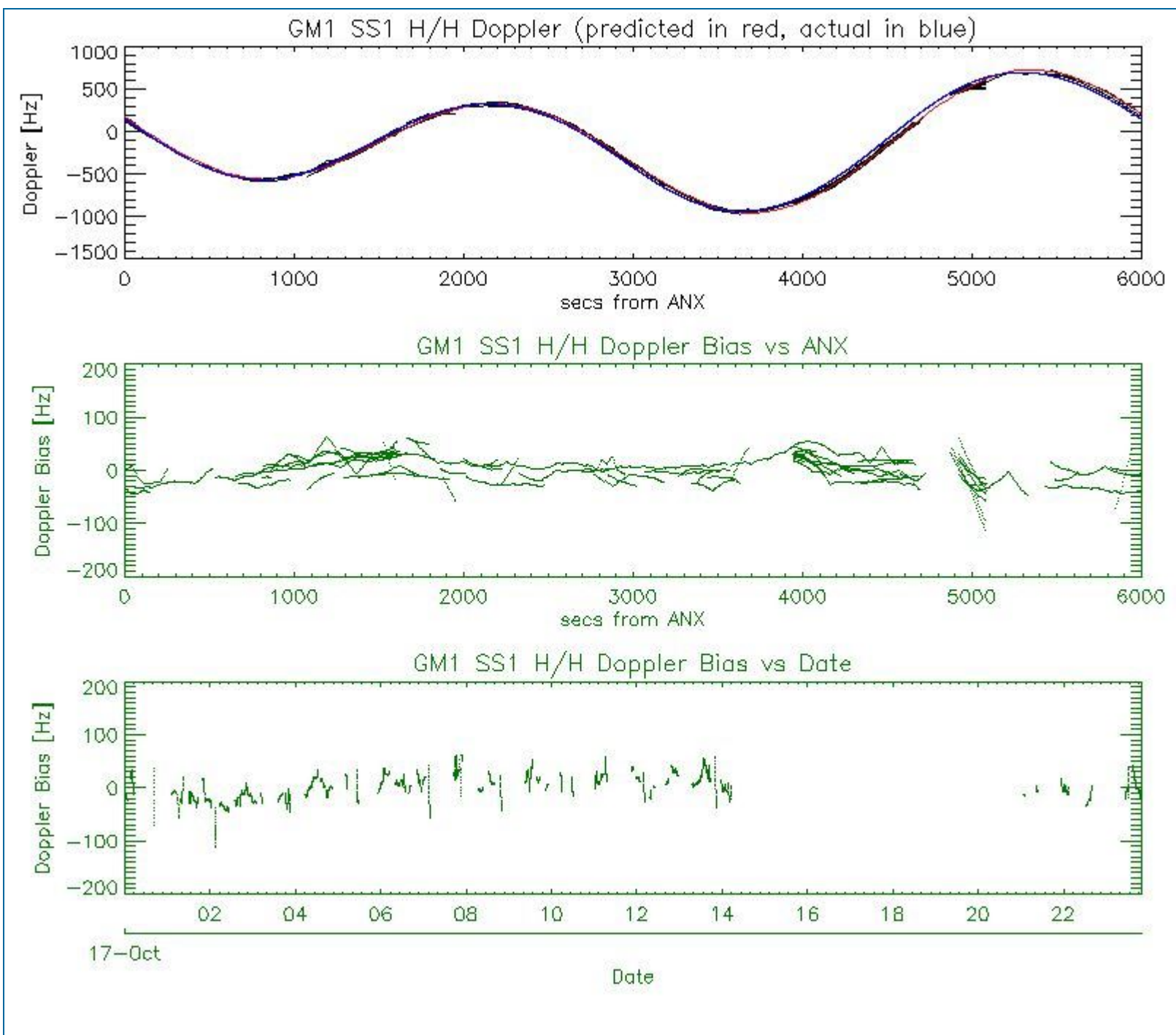




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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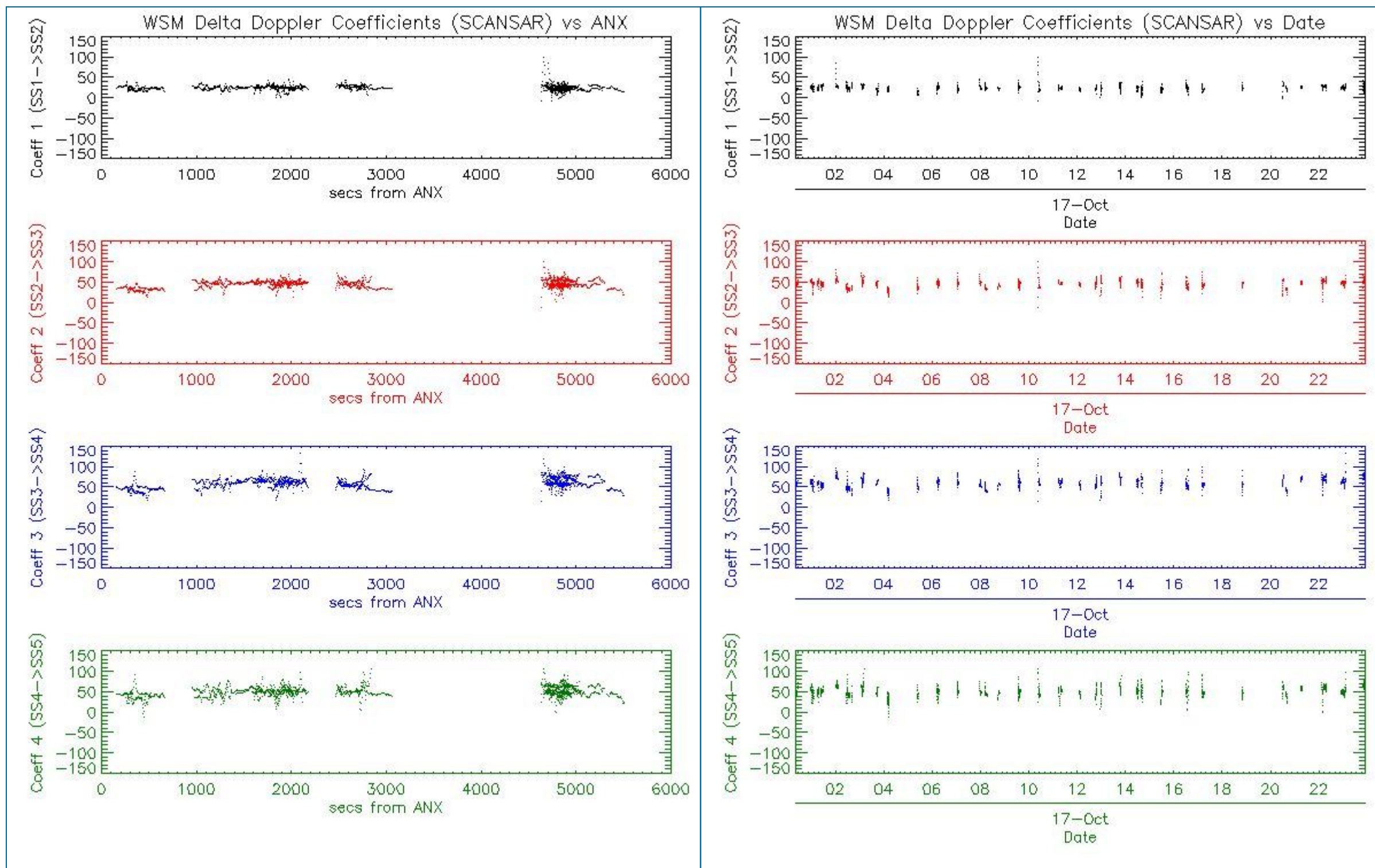




5.3 - Doppler JUMPS Analysis for WSM

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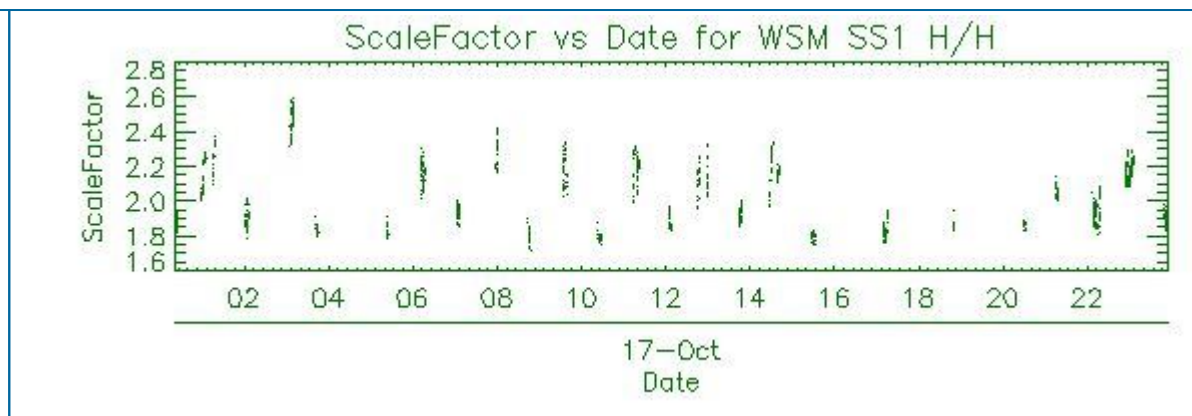
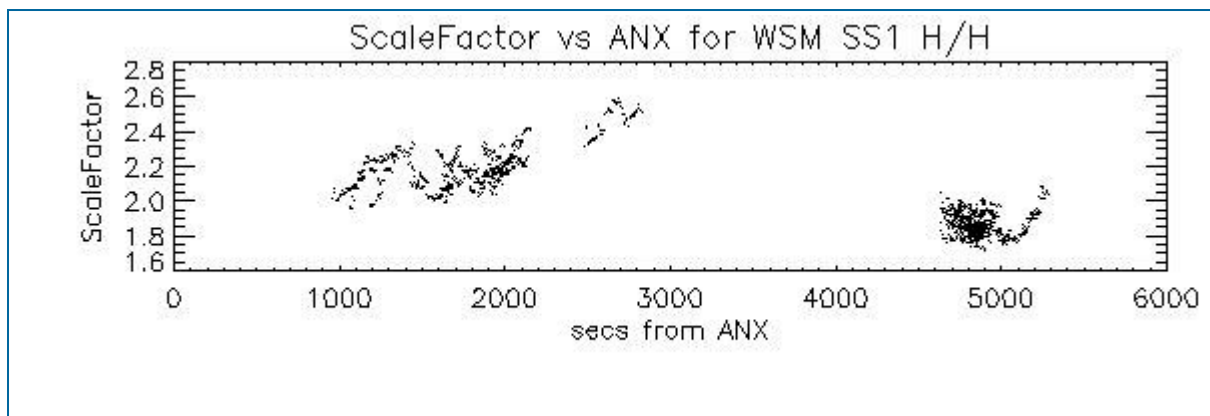
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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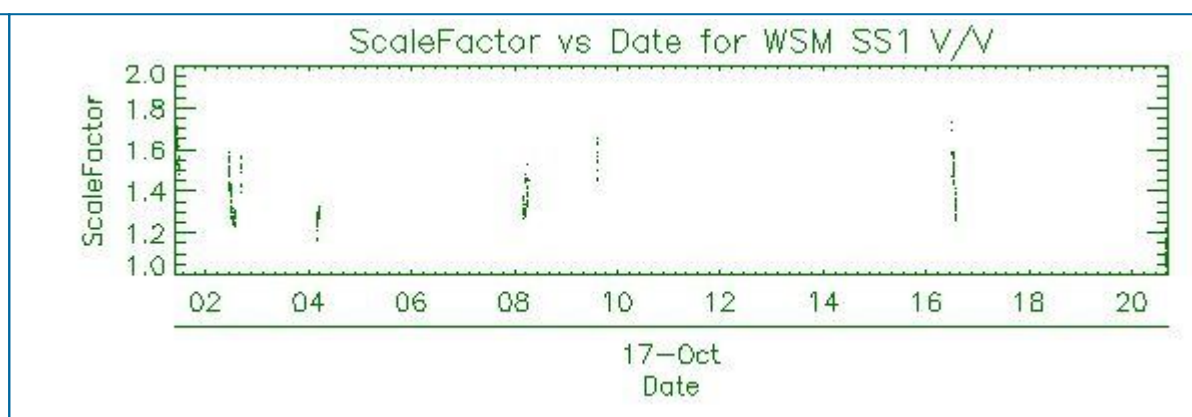
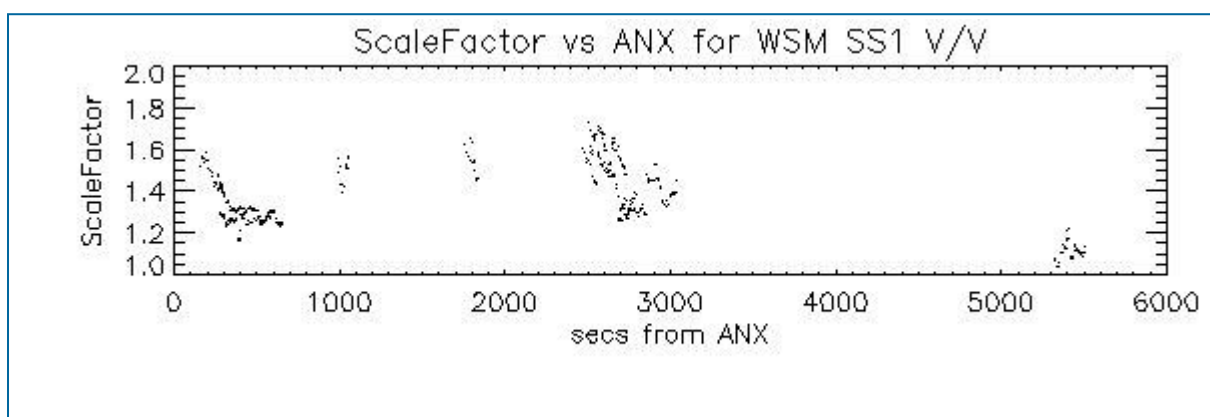




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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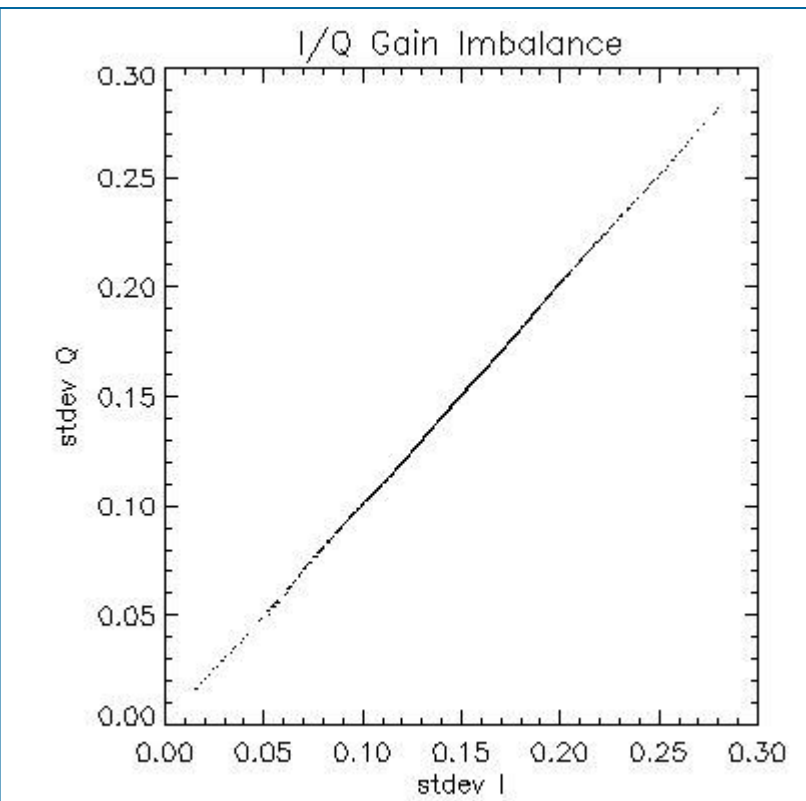
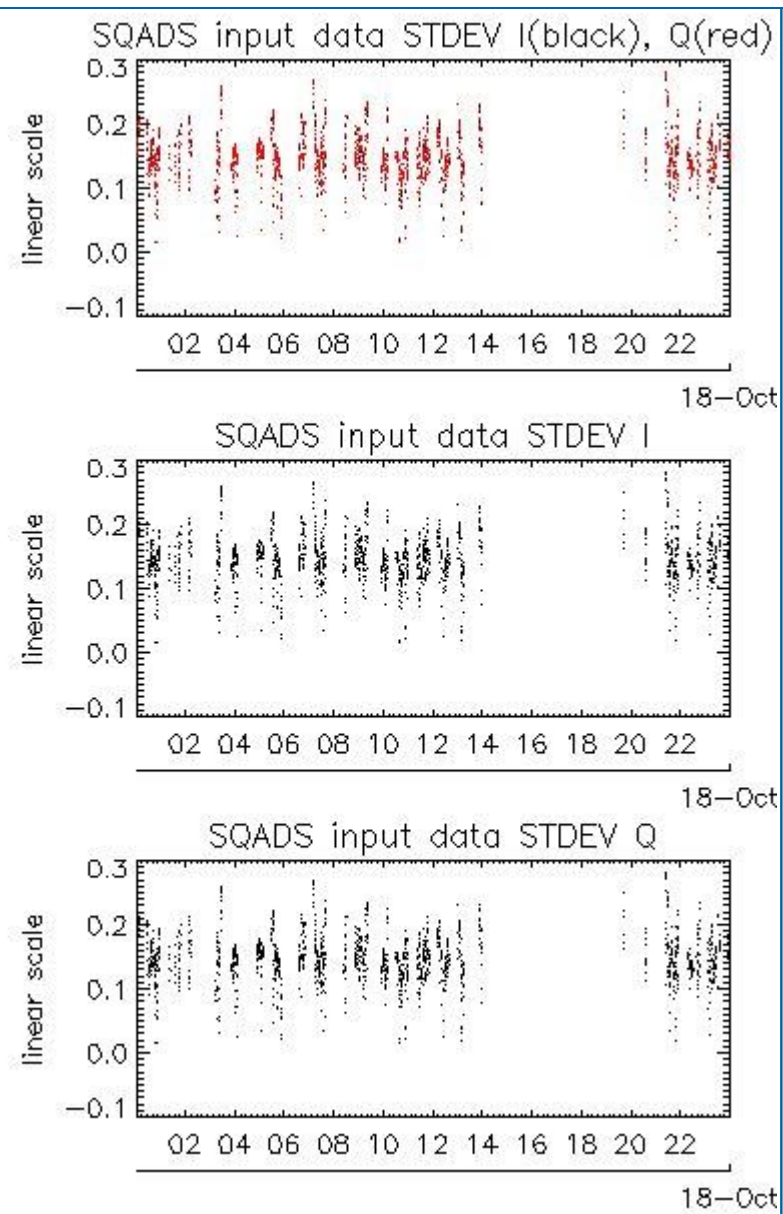
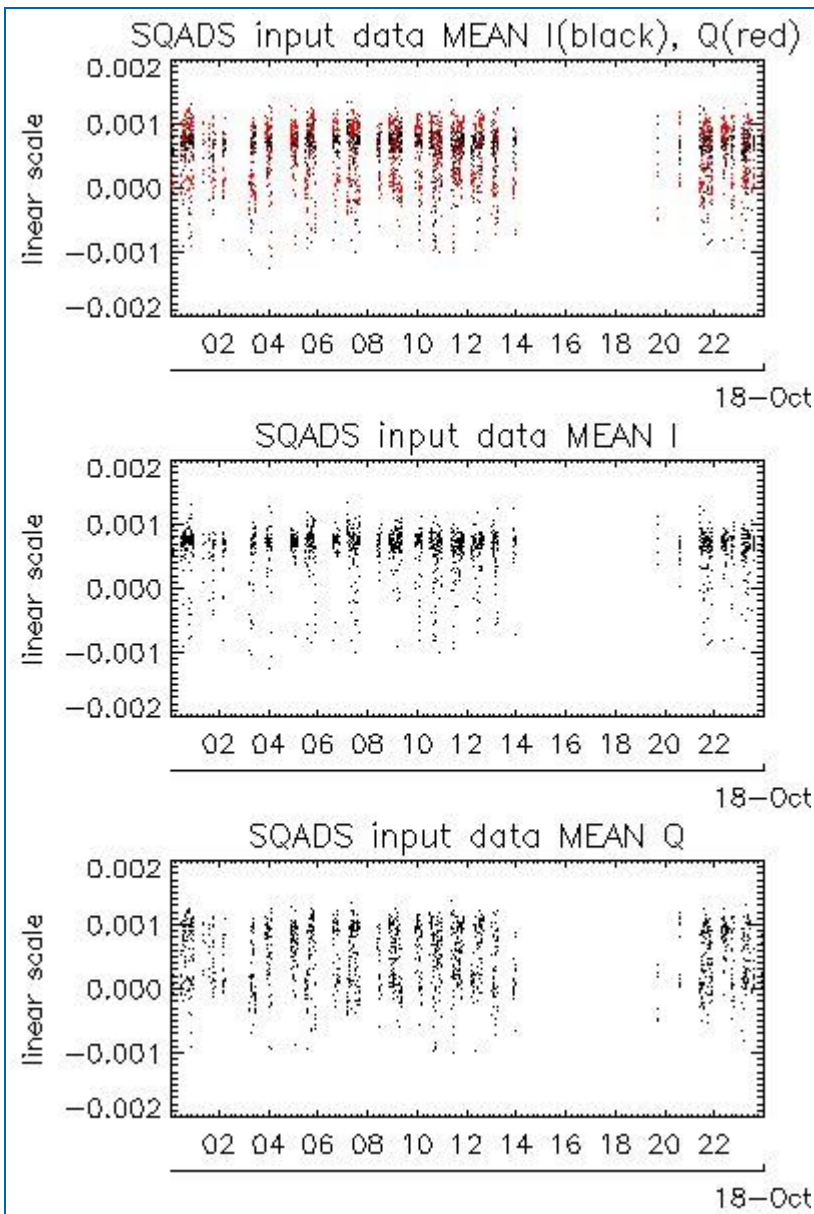


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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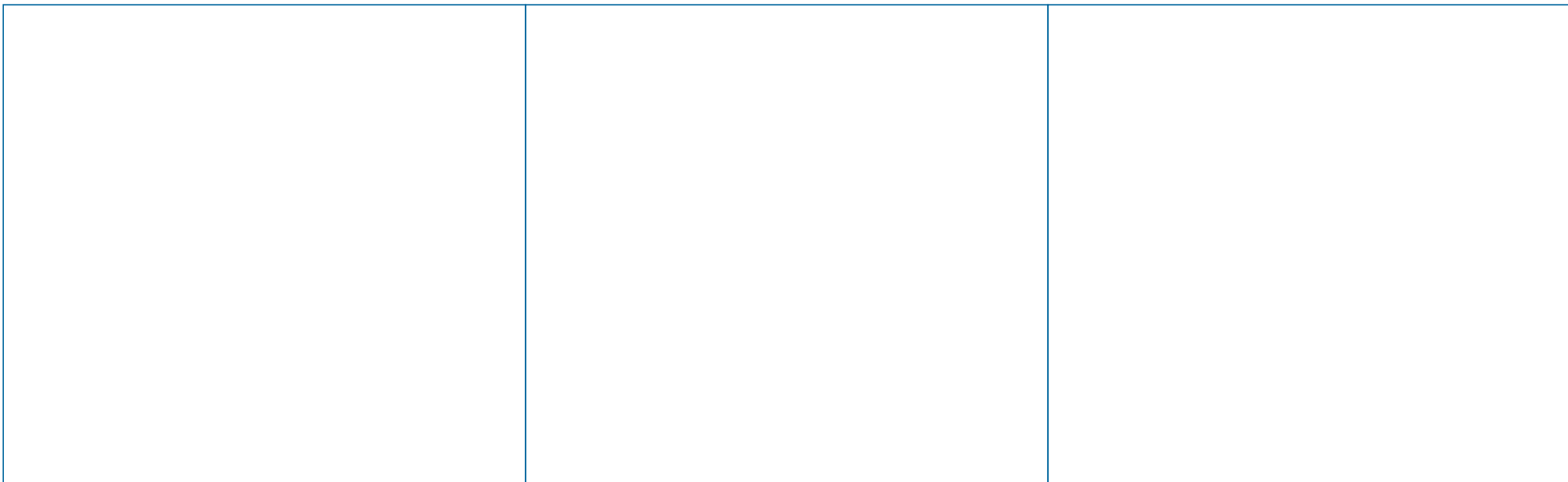
--	--	--

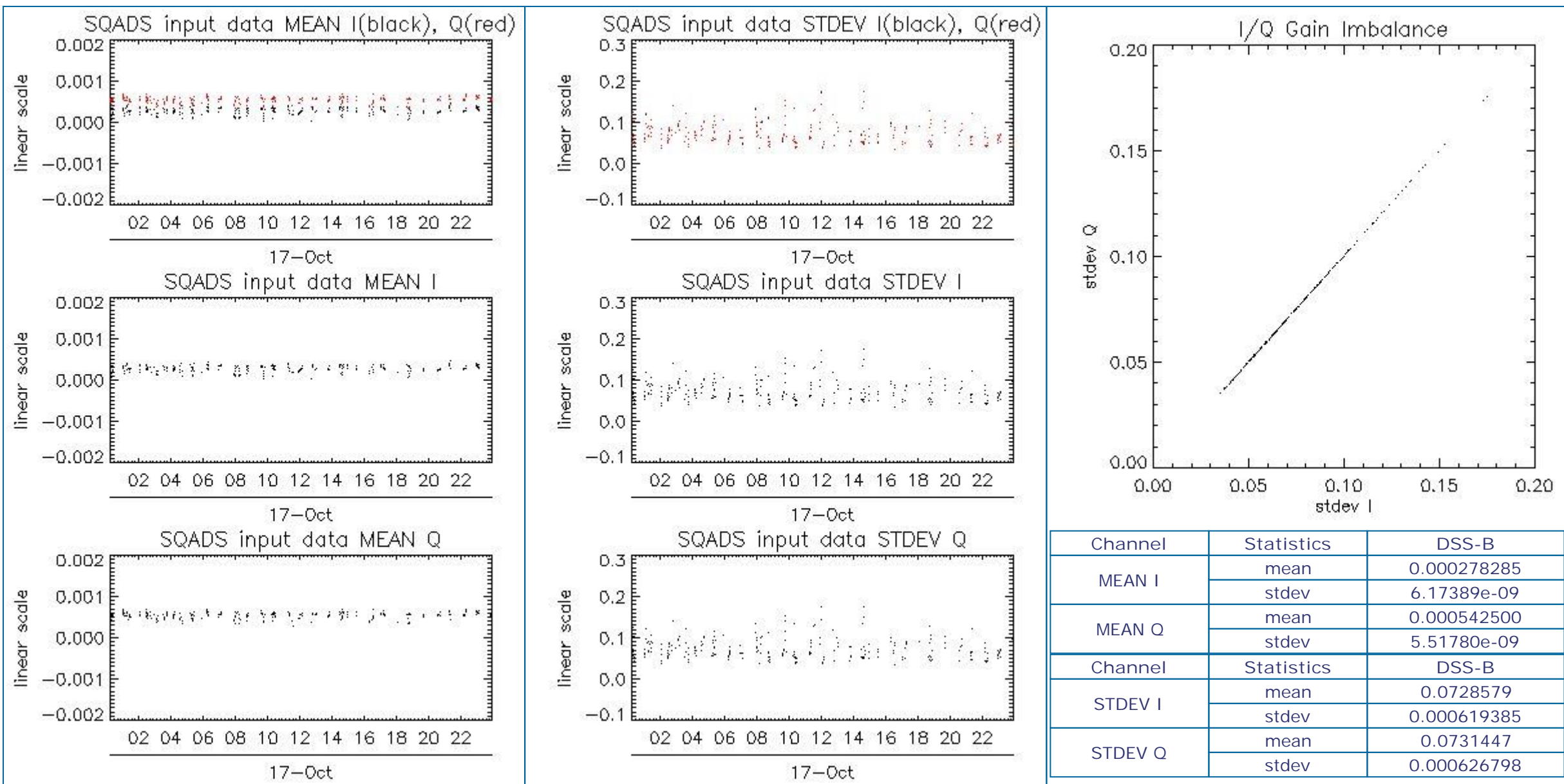


Channel	Statistics	DSS-B
MEAN I	mean	0.000607538
	stdev	1.36334e-07
MEAN Q	mean	0.000511976
	stdev	2.22012e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.146933
	stdev	0.00141643
STDEV Q	mean	0.147463
	stdev	0.00144265

7.2 - Analysis for IMM

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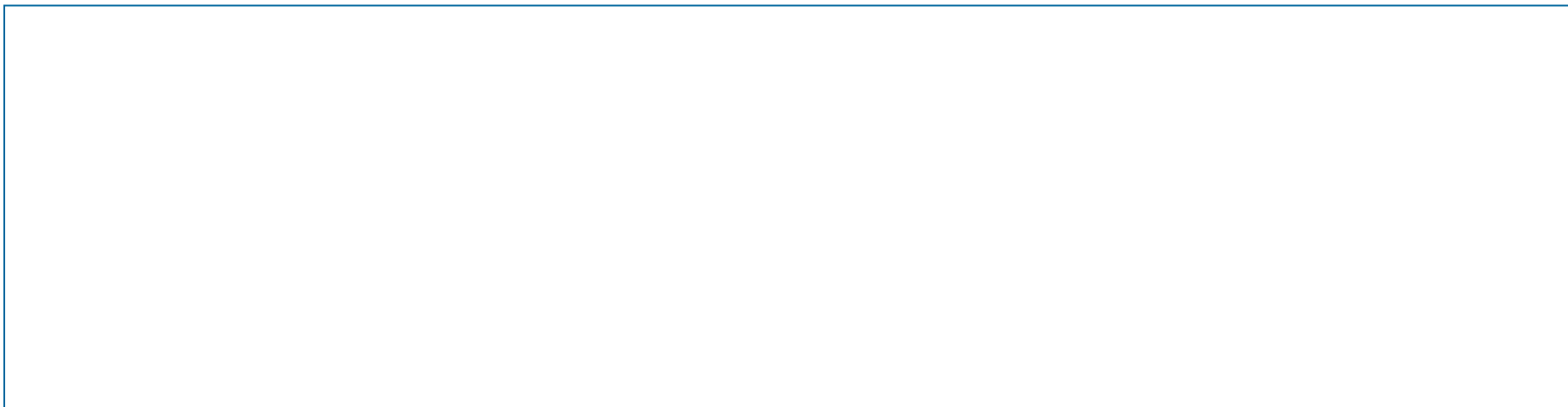


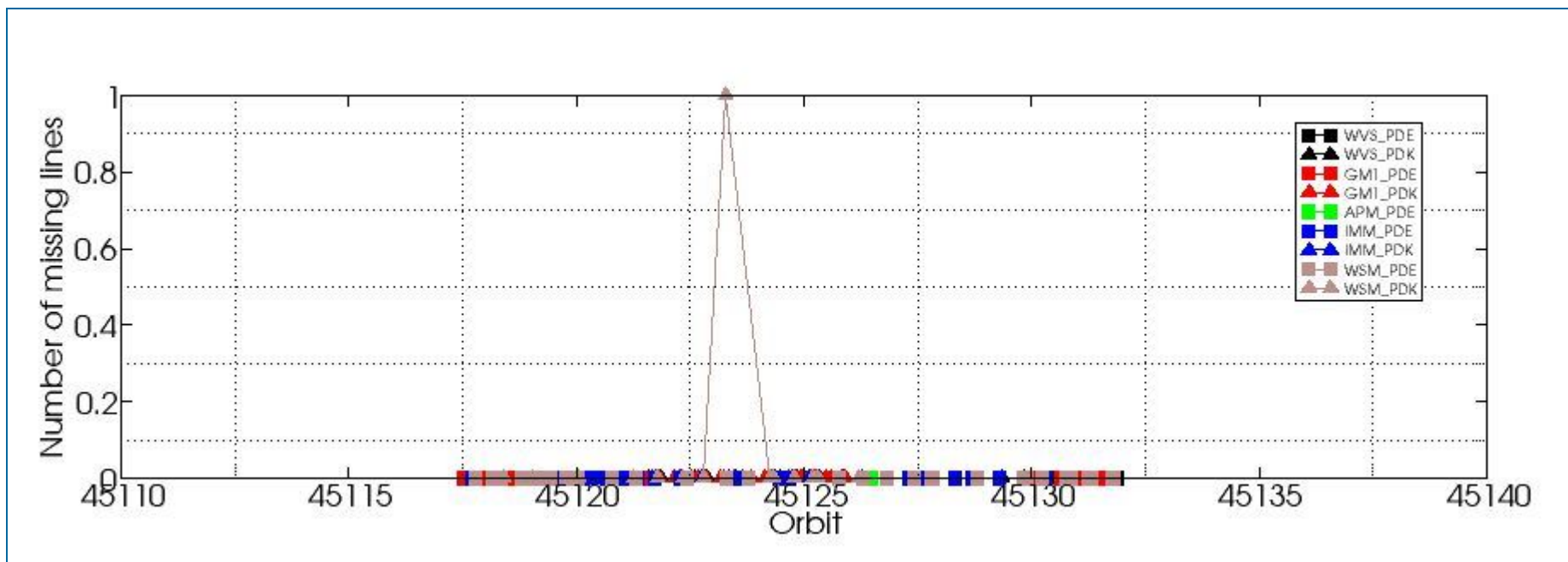
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_IMM_1PNPDK20101017_124014_00000372093_00482_45125_2176.N1	1	0
PDK	ASA_WSM_1PNPDK20101017_093318_000001282093_00480_45123_2119.N1	0	1

8.1 - Number of Missing lines

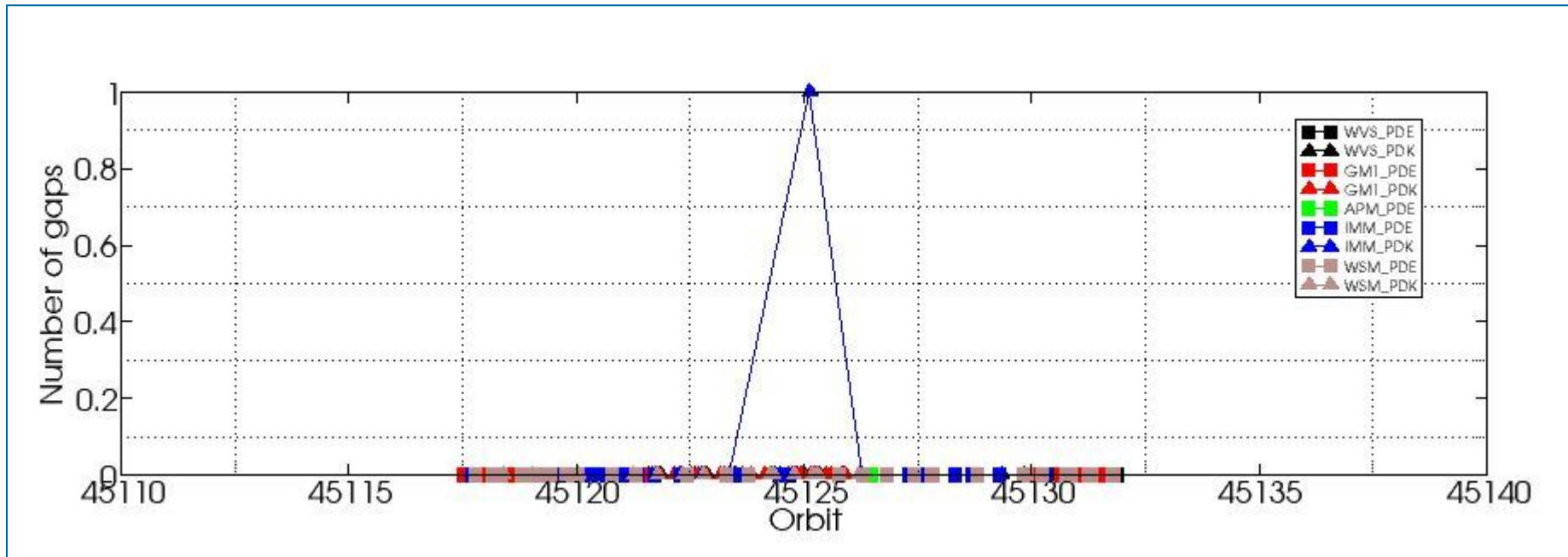
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 101017
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101017/

DATA SUMMARY

Summary will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101017/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_101017/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_101017/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101017/AUXILIARY

Creating directory ./RESULTS/DAILY/_101017/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20101017*current_3_IECF_ADFs.txt
 Found list 20101017_030002_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
 ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20101017_000318_000002702093_00474_45117_0817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_002720_000002852093_00474_45117_0821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_003105_000004942093_00474_45117_0828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_004149_000010042093_00474_45117_0832.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_012201_000000892093_00475_45118_0834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_013626_000001042093_00475_45118_0833.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_014315_000003002093_00475_45118_0842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_020805_000000152093_00475_45118_0840.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_020805_000003002093_00475_45118_0854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_031414_000005092093_00476_45119_0867.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_032228_000003152093_00476_45119_0876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_035244_000008542093_00476_45119_0880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_045208_000007792093_00477_45120_0882.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_050452_000002702093_00477_45120_0898.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_052917_000014392093_00477_45120_0904.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_063425_000002692093_00478_45121_0903.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_064201_000001942093_00478_45121_0911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_212405_000018892093_00487_45130_0948.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_221852_000000142093_00487_45130_0949.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_221852_000007492093_00487_45130_0960.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_223951_000004192093_00488_45131_0965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_230703_000011692093_00488_45131_0961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_233231_000002102093_00488_45131_0969.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_235542_000002552093_00488_45131_0967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20101017_235913_000016492093_00488_45131_0982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_064501_000003002093_00478_45121_2085.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_070952_000018742093_00478_45121_2087.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_082417_000003902093_00479_45122_2113.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_085028_000019492093_00479_45122_2115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_095517_000009592093_00480_45123_2140.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_103104_000017542093_00480_45123_2144.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_112248_000005092093_00481_45124_2164.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_113312_000011242093_00481_45124_2170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_121140_000003602093_00481_45124_2168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_122043_000001492093_00481_45124_2172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_122615_000007622093_00481_45124_2175.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_130104_000008692093_00482_45125_2201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_135216_000003302093_00482_45125_2204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_194338_000000752093_00486_45129_2337.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101017_203440_000001952093_00486_45129_2333.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_GM1.txt...

Analysing APM products...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20101017_040742_000000722093_00477_45120_0872.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101017_145526_000001782093_00483_45126_0931.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20101017_162551_000000442093_00484_45127_0935.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20101017_001311_000004432093_00474_45117_0803.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_011231_000001122093_00475_45118_0826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_024432_000000392093_00476_45119_0851.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_025623_000000502093_00476_45119_0852.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_033209_000002322093_00476_45119_0869.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_043212_000001892093_00477_45120_0870.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_044134_000000972093_00477_45120_0871.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_051306_000001622093_00477_45120_0889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_051636_000003732093_00477_45120_0895.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_055500_000000512093_00478_45121_0896.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_061920_000000682093_00478_45121_0894.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_065651_000000922093_00478_45121_0913.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_075226_000000532093_00479_45122_0914.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_094256_000003002093_00480_45123_0918.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_101459_000004432093_00480_45123_0919.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_113159_000000682093_00481_45124_0921.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_115454_000002322093_00481_45124_0923.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_161745_000000682093_00484_45127_0934.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_165925_000001612093_00484_45127_0937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_180249_000000532093_00485_45128_0941.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_183930_000003022093_00485_45128_0942.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_184520_000002332093_00485_45128_0938.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_193735_000002332093_00486_45129_0943.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101017_211957_000000822093_00487_45130_0958.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101017_075540_000001592093_00479_45122_2105.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101017_083945_000002332093_00479_45122_2120.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101017_094306_000000372093_00480_45123_2125.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101017_124014_000000372093_00482_45125_2176.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101017_143406_000002432093_00483_45126_2209.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_101017/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20101017_002137_000002812093_00474_45117_0811.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_002137_000002812093_00474_45117_0813.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_005911_000004222093_00475_45118_0825.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_011601_000001532093_00475_45118_0827.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_020136_000002882093_00475_45118_0835.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_022744_000000982093_00476_45119_0848.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_023225_000001102093_00476_45119_0849.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_024017_000000922093_00476_45119_0850.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_030513_000003672093_00476_45119_0853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_034202_000002322093_00476_45119_0873.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_040906_000001842093_00477_45120_0874.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_052329_000001222093_00477_45120_0897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDE20101017_061446_000002142093_00478_45121_0893.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_081027_000003732093_00479_45122_0915.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_093533_000000982093_00480_45123_0916.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_093724_000001282093_00480_45123_0917.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_102326_000002882093_00480_45123_0920.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_134437_000002942093_00482_45125_0929.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_143819_000002142093_00483_45126_0930.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_152816_000001352093_00483_45126_0927.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_153058_000000922093_00483_45126_0928.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_163018_000003122093_00484_45127_0936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_170926_000001102093_00484_45127_0932.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_171210_000002452093_00484_45127_0933.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_184928_000001282093_00485_45128_0939.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_203009_000001282093_00486_45129_0944.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_203832_000001902093_00486_45129_0945.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_211415_000002752093_00487_45130_0959.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_220740_000003732093_00487_45130_0951.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_221555_000001772093_00487_45130_0957.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_225440_000001352093_00488_45131_0963.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_225735_000002512093_00488_45131_0972.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_230249_000002512093_00488_45131_0974.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101017_234957_000003002093_00488_45131_0964.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_012422_000002882093_00475_45118_2197.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_022628_000005142093_00476_45119_2057.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_040900_000002512093_00477_45120_2070.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_061148_000002882093_00478_45121_2072.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_070238_000002202093_00478_45121_2106.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_075826_000002142093_00479_45122_2107.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_084411_000002082093_00479_45122_2124.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_093318_000001282093_00480_45123_2119.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_111317_000001102093_00481_45124_2150.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_111753_000002942093_00481_45124_2151.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_120442_000002512093_00481_45124_2238.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_124508_000002082093_00482_45125_2182.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_125804_000001842093_00482_45125_2181.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101017_142743_000002942093_00483_45126_2210.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_101017/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_101017/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_101017/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS_0PNPDK20010209_135042_00000009A024_00180_11700_0052.N1

Test product: ASA_MS_0PNPDK20101017_183629_000000162093_00485_45128_0227.N1

H

H

../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/TGH_20101017_183629-20010209_135042.png

../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/TPH_20101017_183629-20010209_135042.png

../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/RGH_20101017_183629-20010209_135042.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/RPH_20101017_183629-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDE20101016_204842_000000162093_00472_45115_0026.N1

V
V
../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/TGV_20101016_204842-20010209_140823.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/TPV_20101016_204842-20010209_140823.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/RGV_20101016_204842-20010209_140823.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/SECOND_REFERENCE/RPV_20101016_204842-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20101015_143755_000000162093_00454_45097_0226.N1
Test product: ASA_MS__0PNPDK20101017_183629_000000162093_00485_45128_0227.N1

H
H
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20101017_183629-20101015_143755.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20101017_183629-20101015_143755.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20101017_183629-20101015_143755.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20101017_183629-20101015_143755.png

Polarization: V
Reference product: ASA_MS__0PNPDK20101014_100745_000000162093_00437_45080_0225.N1
Test product: ASA_MS__0PNPDE20101016_204842_000000162093_00472_45115_0026.N1

V
V
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101016_204842-20101014_100745.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101016_204842-20101014_100745.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101016_204842-20101014_100745.png
../../RESULTS/DAILY/_101017/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101016_204842-20101014_100745.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101017/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-17_1.dat...
Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-17_2.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-17_3.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-17_4.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-17_1.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-17_2.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-17_3.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101017/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-17_4.dat...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_101017//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101017/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...

Writing file ./RESULTS/DAILY/_101017/DOPPLER/Doppler_data_WVS_IS2_VV_2010-10-17.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101017/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DOPPLER/Doppler_data_GM1_SS1_HH_2010-10-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101017/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...
Writing file ./RESULTS/DAILY/_101017/DOPPLER/Doppler_Jumps_data_WSM_2010-10-17.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101017/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_101017/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 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 = -31.385341 Hz
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -25.073384 Hz
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_101017//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 = 6.0661835 Hz
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -3.6597764 Hz
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101017//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101017/CHIRP...

CHIRP Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...

Writing file ./RESULTS/DAILY/_101017/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-17.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101017/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...

Writing file ../../RESULTS/DAILY/_101017/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...

Writing file ./RESULTS/DAILY/_101017/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-17.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101017/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...

Writing file ../../RESULTS/DAILY/_101017/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_101017/RAW_DATA

Creating directory ./RESULTS/DAILY/_101017/RAW_DATA...

Getting raw data for WVS from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...

Writing file ./RESULTS/DAILY/_101017/RAW_DATA/Raw_data_WVS_2010-10-17.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_WVS_input_mean.png...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_WVS_input_stdev.png...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-10-17 00:00:00 to 2010-10-17 23:59:59...

Writing file ./RESULTS/DAILY/_101017/RAW_DATA/Raw_data_IMM_2010-10-17.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_IMM_input_mean.png...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_IMM_input_stdev.png...

Creating image ../../RESULTS/DAILY/_101017/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS


```
#####  
Analysis will be performed from 2010-10-17 00:00:00 to 2010-10-17 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/_101017/TELEMETRY
```

```
Creating directory ./RESULTS/DAILY/_101017/TELEMETRY...
```

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

```
*****
```

```
Checking 25 products from PDE...
```

```
Checking 15 products from PDK...
```

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

```
*****
```

```
Checking 35 products from PDE...
```

```
Checking 30 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 24 products from PDE...
```

```
Checking 5 products from PDK...
```

```
Found product...ASA_IMM_1PNPDK20101017_124014_00000372093_00482_45125_2176.N1 / 1 gaps / 0 missing lines
```

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

```
*****
```

```
Checking 34 products from PDE...
```

```
Checking 14 products from PDK...
```

```
Found product...ASA_WSM_1PNPDK20101017_093318_000001282093_00480_45123_2119.N1 / 0 gaps / 1 missing lines
```

```
Creating graph of missing lines and gaps...
```

```
*****
```

```
Creating image: ./RESULTS/DAILY/_101017/TELEMETRY/TELEMETRY_Missing_lines.png...
```

```
Creating image: ./RESULTS/DAILY/_101017/TELEMETRY/TELEMETRY_Gaps.png...
```

```
TELEMETRY ANALYSIS completed
```

```
#####
```

```
HTML REPORT generation
```

```
#####
```

```
Building file ./RESULTS/DAILY/_101017/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_1PNPDE20101017_040742_000000722093_00477_45120_0872.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101017_145526_000001782093_00483_45126_0931.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20101017_162551_000000442093_00484_45127_0935.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_1PNPDE20101017_000825_000002892093_00474_45117_0820.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_004008_000000962093_00474_45117_0829.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_010613_000003802093_00475_45118_0830.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_011435_000000782093_00475_45118_0831.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_011839_000001992093_00475_45118_0836.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_012925_000004162093_00475_45118_0837.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_013905_000002472093_00475_45118_0838.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_014902_000007492093_00475_45118_0839.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_020628_000000902093_00475_45118_0841.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_020656_000000602093_00475_45118_0860.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_020656_000000602093_00475_45118_0861.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_021342_000007612093_00475_45118_0859.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_023506_000003082093_00476_45119_0858.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_024151_000001632093_00476_45119_0857.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_024522_000006282093_00476_45119_0856.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_025727_000004652093_00476_45119_0855.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_031122_000001692093_00476_45119_0868.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_033614_000003442093_00476_45119_0877.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_034557_000004042093_00476_45119_0875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_041320_000011362093_00477_45120_0878.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_043534_000003622093_00477_45120_0879.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_044319_000005252093_00477_45120_0883.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_051013_000001752093_00477_45120_0899.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_052538_000002172093_00477_45120_0900.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_055603_000009432093_00478_45121_0901.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_062039_000008222093_00478_45121_0905.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_063934_000001442093_00478_45121_0912.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_210353_000000662093_00487_45130_0946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_212128_000001502093_00487_45130_0947.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_215613_000006832093_00487_45130_0950.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_223202_000004652093_00488_45131_0962.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_232721_000001932093_00488_45131_0966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_233043_000001022093_00488_45131_0968.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20101017_233649_000007852093_00488_45131_0970.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_065052_000003622093_00478_45121_2084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_065837_000002412093_00478_45121_2083.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_070625_000002052093_00478_45121_2086.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_074158_000006282093_00479_45122_2097.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_075107_000000722093_00479_45122_2109.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_075326_000001322093_00479_45122_2110.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_081646_000004472093_00479_45122_2111.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_083123_000005012093_00479_45122_2112.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_084743_000001632093_00479_45122_2114.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_092341_000005492093_00480_45123_2116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_093132_000000962093_00480_45123_2137.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_093938_000001992093_00480_45123_2138.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_095112_000002412093_00480_45123_2139.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_101201_000001812093_00480_45123_2141.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_102814_000001692093_00480_45123_2142.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_110109_000006652093_00481_45124_2143.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_111054_000001382093_00481_45124_2163.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_111512_000001572093_00481_45124_2165.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_115235_000001382093_00481_45124_2166.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_115858_000003382093_00481_45124_2167.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_120858_000001572093_00481_45124_2171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_121821_000001382093_00481_45124_2169.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_122352_000001382093_00481_45124_2174.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_124104_000002412093_00482_45125_2173.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_124844_000003502093_00482_45125_2180.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_125313_000002892093_00482_45125_2198.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_131614_000006282093_00482_45125_2199.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_132706_000010452093_00482_45125_2200.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_134932_000001632093_00482_45125_2202.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101017_135830_000008342093_00482_45125_2203.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_1PNPDE20101017_001311_000004432093_00474_45117_0803.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_011231_000001122093_00475_45118_0826.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_024432_000000392093_00476_45119_0851.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_025623_000000502093_00476_45119_0852.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_033209_000002322093_00476_45119_0869.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_043212_000001892093_00477_45120_0870.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_044134_000000972093_00477_45120_0871.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_051306_000001622093_00477_45120_0889.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_051636_000003732093_00477_45120_0895.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_055500_000000512093_00478_45121_0896.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_061920_000000682093_00478_45121_0894.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_065651_000000922093_00478_45121_0913.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_075226_000000532093_00479_45122_0914.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_094256_000003002093_00480_45123_0918.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_101459_000004432093_00480_45123_0919.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_113159_000000682093_00481_45124_0921.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20101017_165925_000001612093_00484_45127_0937.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_180249_000000532093_00485_45128_0941.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_183930_000003022093_00485_45128_0942.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_184520_000002332093_00485_45128_0938.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20101017_193735_000002332093_00486_45129_0943.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDK20101017_124014_000000372093_00482_45125_2176.N1					OK	OK	OK	OK
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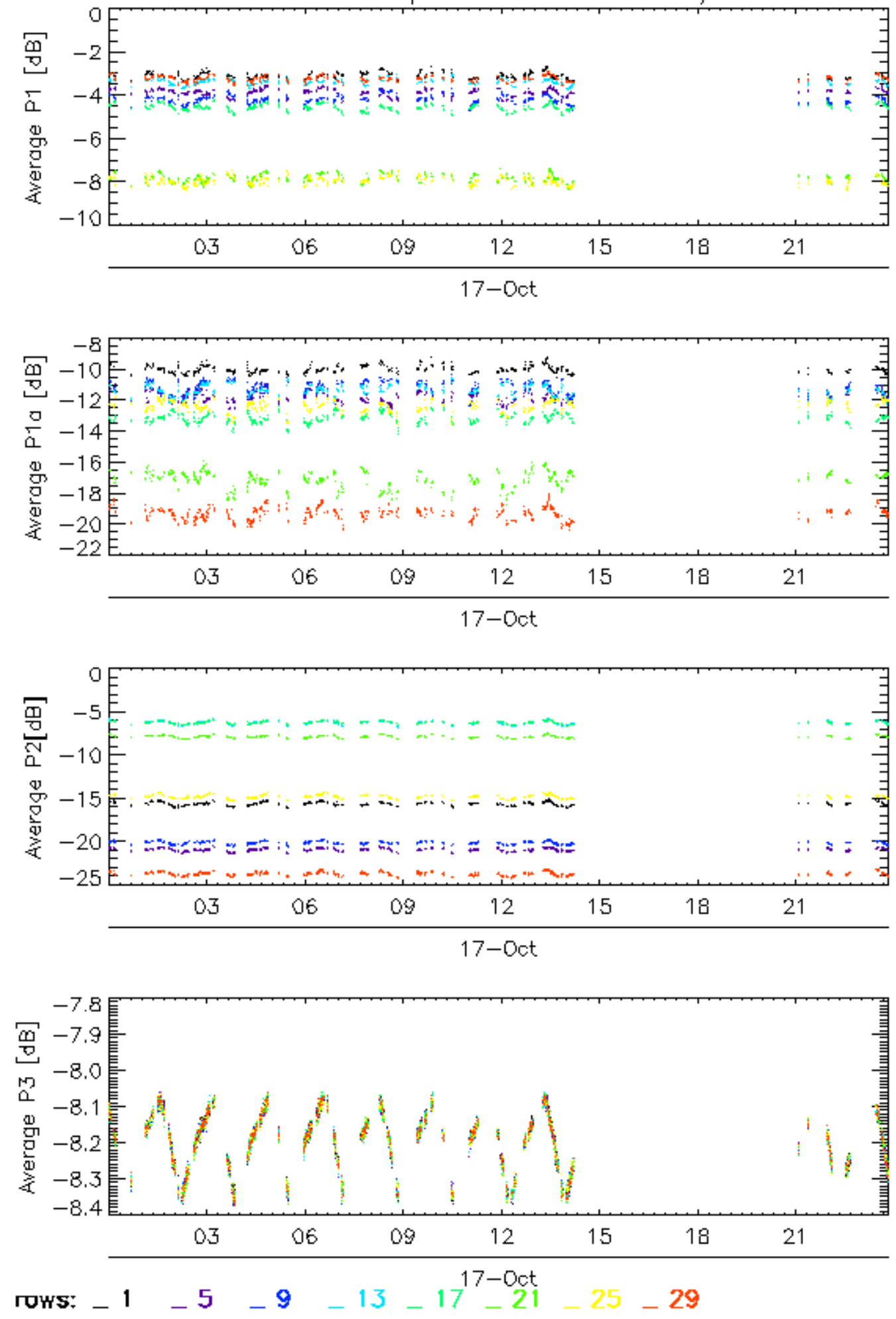
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WSM_1PNPDE20101017_005911_000004222093_00475_45118_0825.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_011601_000001532093_00475_45118_0827.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_020136_000002882093_00475_45118_0835.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_022744_000000982093_00476_45119_0848.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_023225_000001102093_00476_45119_0849.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_024017_000000922093_00476_45119_0850.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_030513_000003672093_00476_45119_0853.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_034202_000002322093_00476_45119_0873.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_040906_000001842093_00477_45120_0874.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_052329_000001222093_00477_45120_0897.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_061446_000002142093_00478_45121_0893.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_081027_000003732093_00479_45122_0915.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_093533_000000982093_00480_45123_0916.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_093724_000001282093_00480_45123_0917.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_102326_000002882093_00480_45123_0920.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_134437_000002942093_00482_45125_0929.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_143819_000002142093_00483_45126_0930.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_152816_000001352093_00483_45126_0927.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_153058_000000922093_00483_45126_0928.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_163018_000003122093_00484_45127_0936.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_170926_000001102093_00484_45127_0932.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_171210_000002452093_00484_45127_0933.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_184928_000001282093_00485_45128_0939.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20101017_211415_000002752093_00487_45130_0959.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_220740_000003732093_00487_45130_0951.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_221555_000001772093_00487_45130_0957.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101017_225440_000001352093_00488_45131_0963.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20101017_230249_000002512093_00488_45131_0974.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101017_012422_000002882093_00475_45118_2197.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_022628_000005142093_00476_45119_2057.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101017_061148_000002882093_00478_45121_2072.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_070238_000002202093_00478_45121_2106.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_075826_000002142093_00479_45122_2107.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_084411_000002082093_00479_45122_2124.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_093318_000001282093_00480_45123_2119.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_111317_000001102093_00481_45124_2150.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_111753_000002942093_00481_45124_2151.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101017_120442_000002512093_00481_45124_2238.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101017_125804_000001842093_00482_45125_2181.N1					OK	OK	OK	OK
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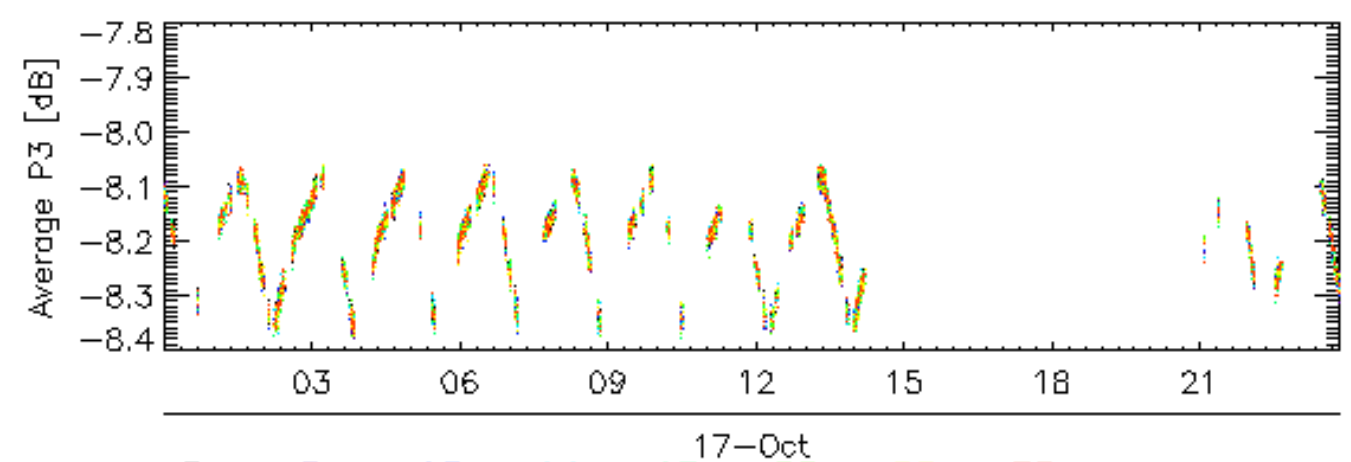
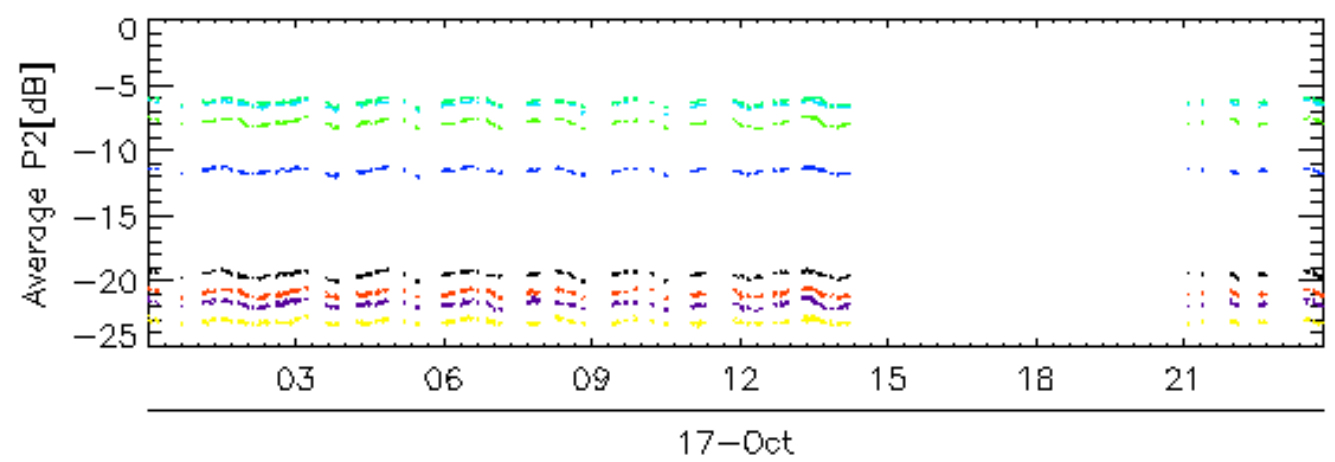
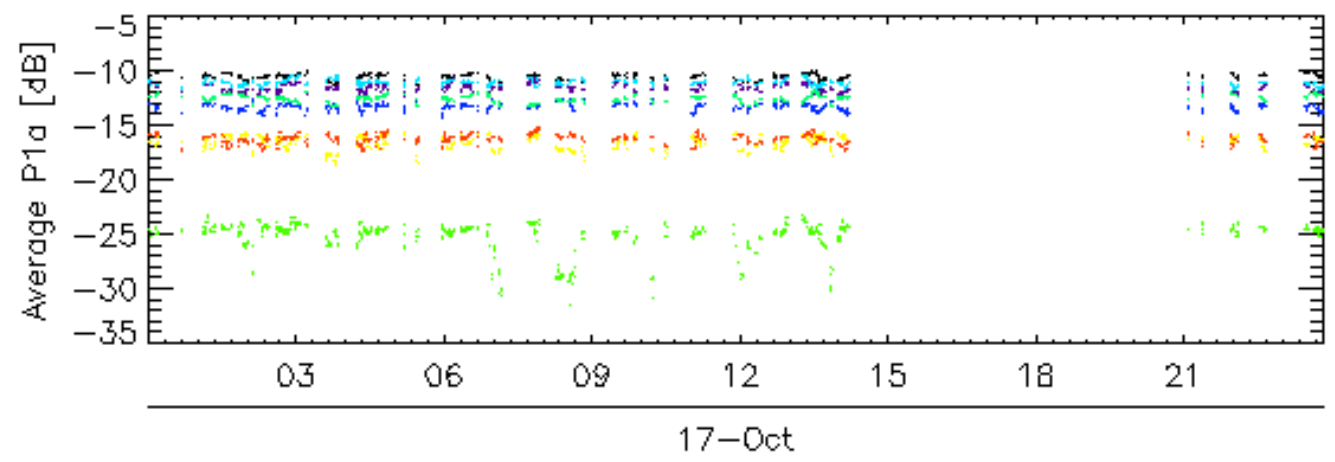
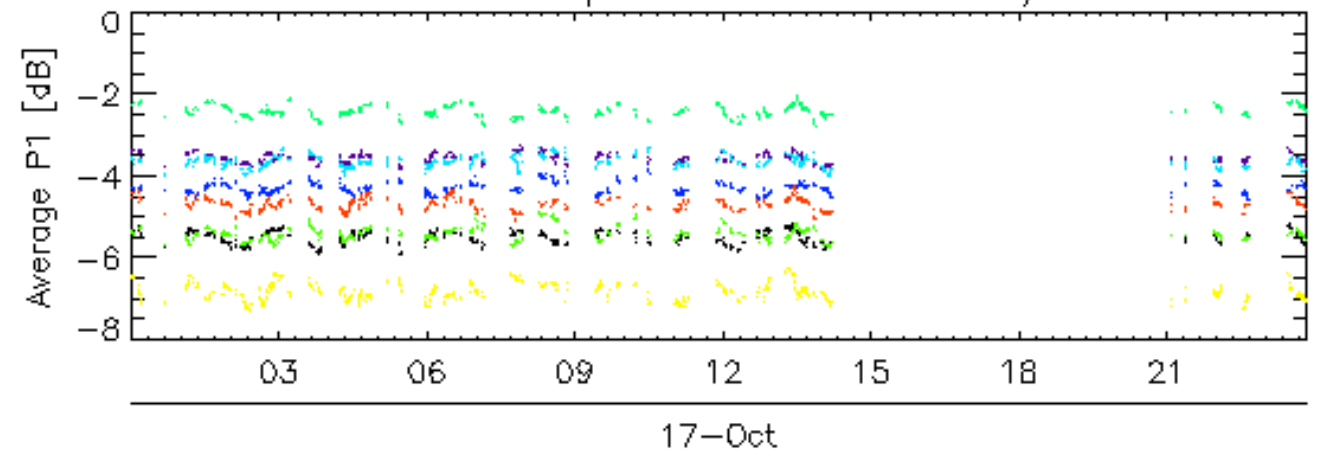
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20101017_003105_000004942093_00474_45117_0828.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_004149_000010042093_00474_45117_0832.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_012201_000000892093_00475_45118_0834.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_013626_000001042093_00475_45118_0833.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_014315_000003002093_00475_45118_0842.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_020805_000000152093_00475_45118_0840.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_020805_000003002093_00475_45118_0854.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_031414_000005092093_00476_45119_0867.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_032228_000003152093_00476_45119_0876.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_035244_000008542093_00476_45119_0880.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_045208_000007792093_00477_45120_0882.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_050452_000002702093_00477_45120_0898.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_052917_000014392093_00477_45120_0904.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_063425_000002692093_00478_45121_0903.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_064201_000001942093_00478_45121_0911.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_212405_000018892093_00487_45130_0948.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20101017_223951_000004192093_00488_45131_0965.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_230703_000011692093_00488_45131_0961.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_233231_000002102093_00488_45131_0969.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_235542_000002552093_00488_45131_0967.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20101017_235913_000016492093_00488_45131_0982.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_064501_000003002093_00478_45121_2085.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_070952_000018742093_00478_45121_2087.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_082417_000003902093_00479_45122_2113.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_085028_000019492093_00479_45122_2115.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_095517_000009592093_00480_45123_2140.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_103104_000017542093_00480_45123_2144.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_112248_000005092093_00481_45124_2164.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_113312_000011242093_00481_45124_2170.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_121140_000003602093_00481_45124_2168.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_122043_000001492093_00481_45124_2172.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_122615_000007622093_00481_45124_2175.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_130104_000008692093_00482_45125_2201.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_135216_000003302093_00482_45125_2204.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101017_194338_000000752093_00486_45129_2337.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

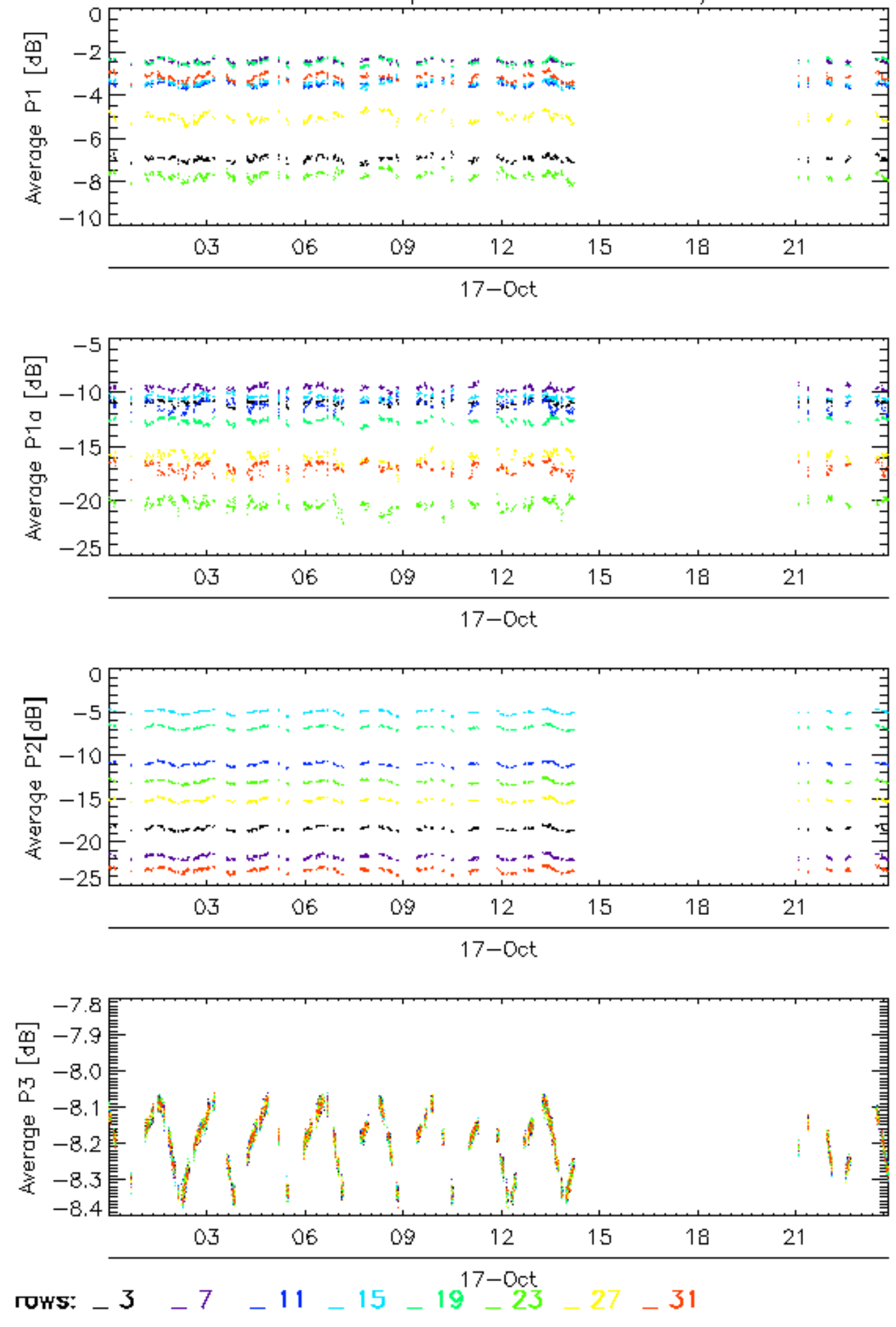


Calibration pulses for GM1 SS3 H/H

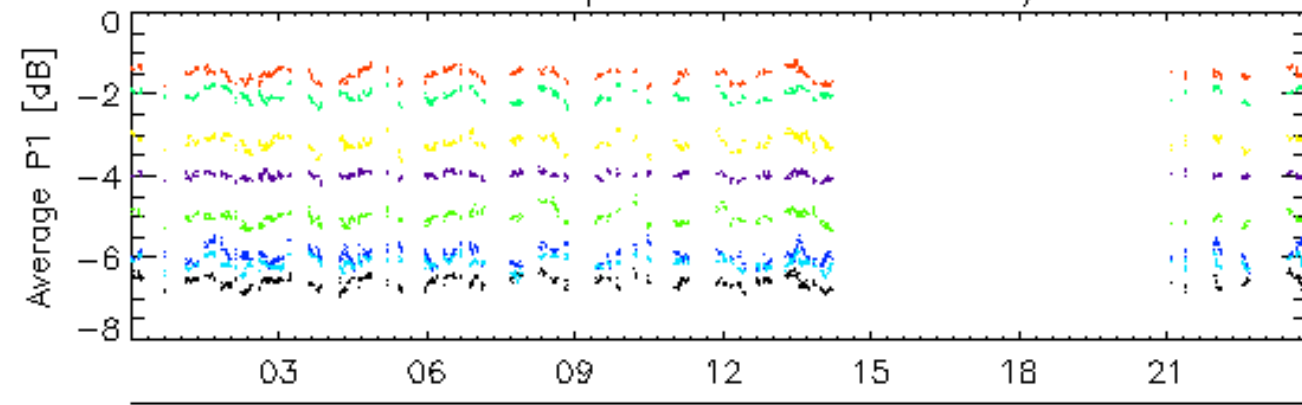


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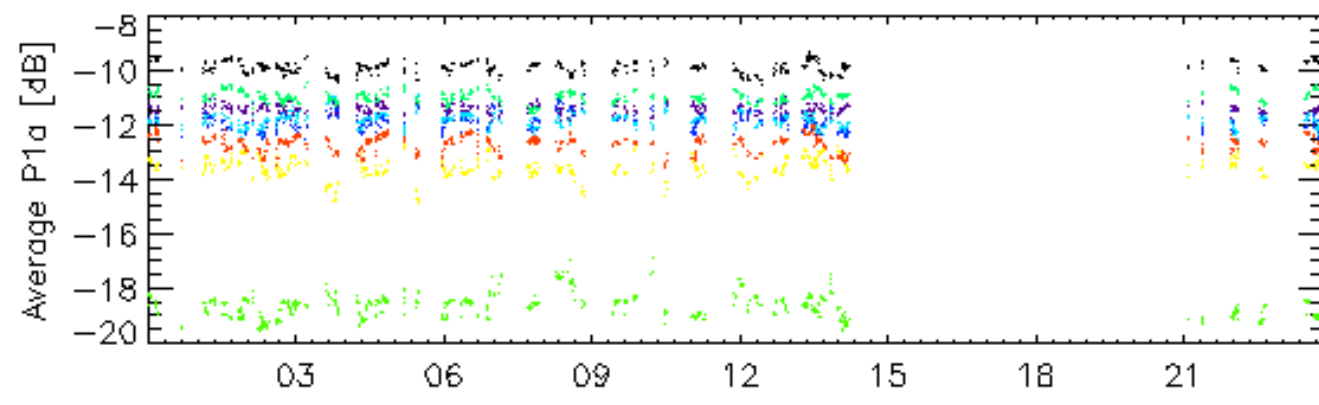
Calibration pulses for GM1 SS3 H/H



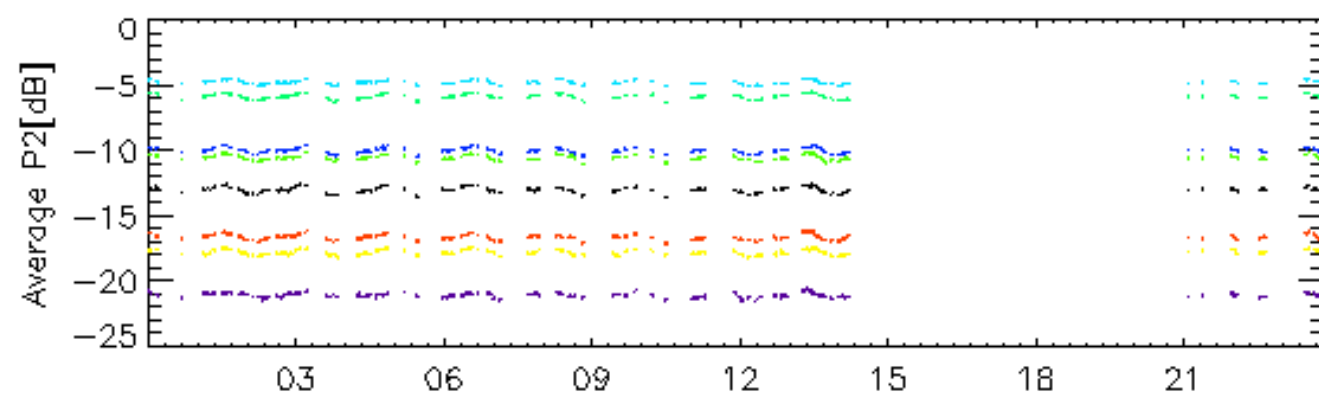
Calibration pulses for GM1 SS3 H/H



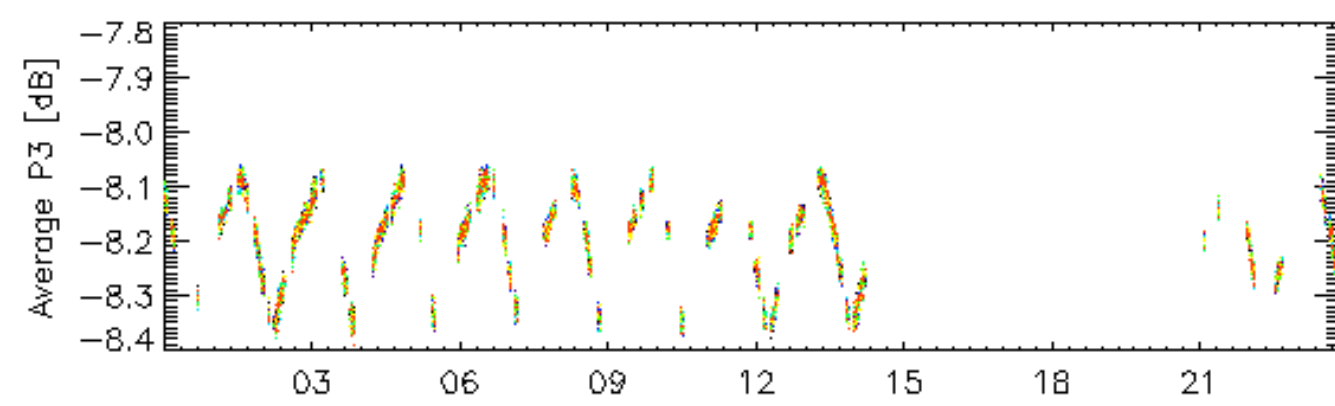
17-Oct



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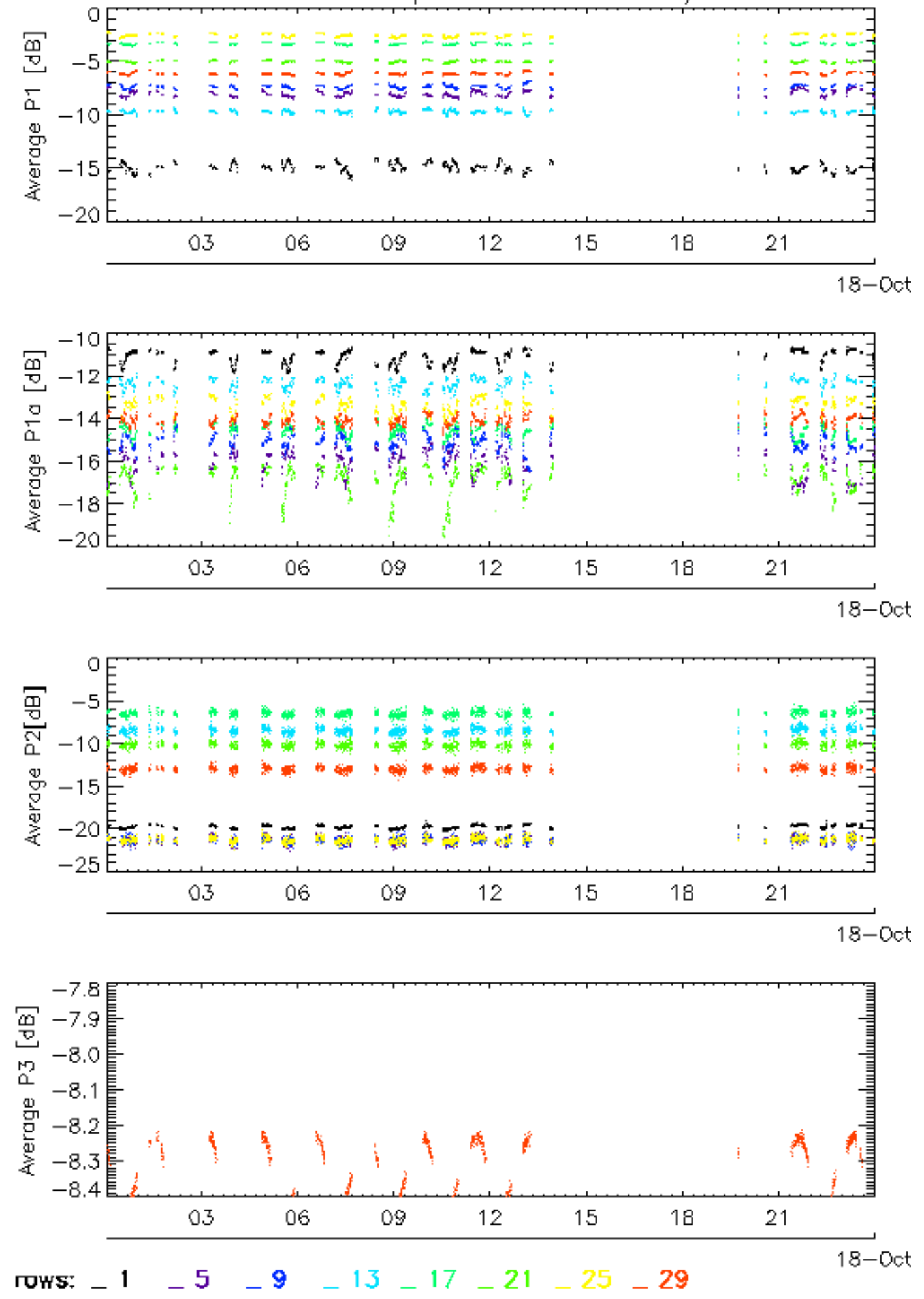
17-Oct



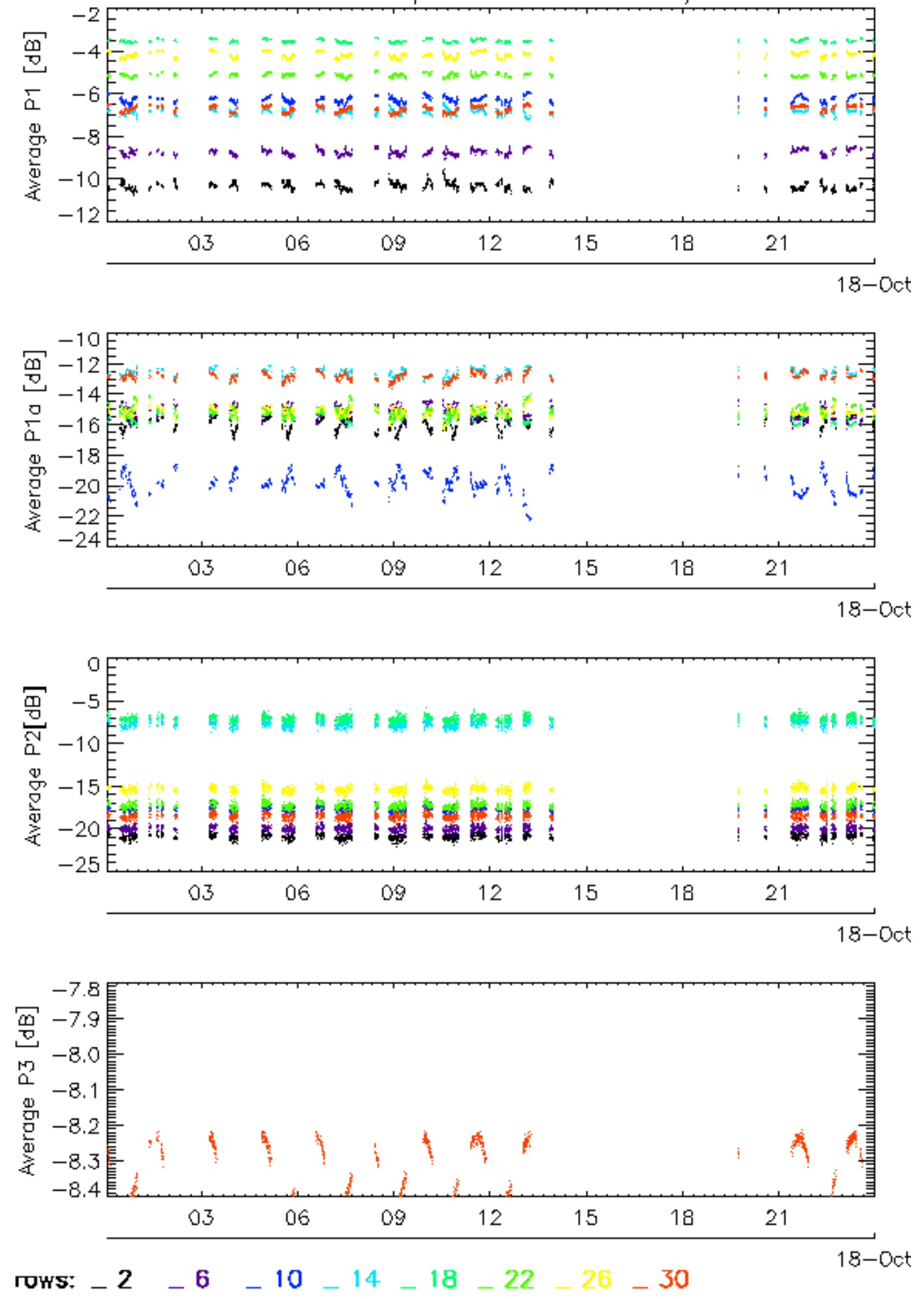
17-Oct

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

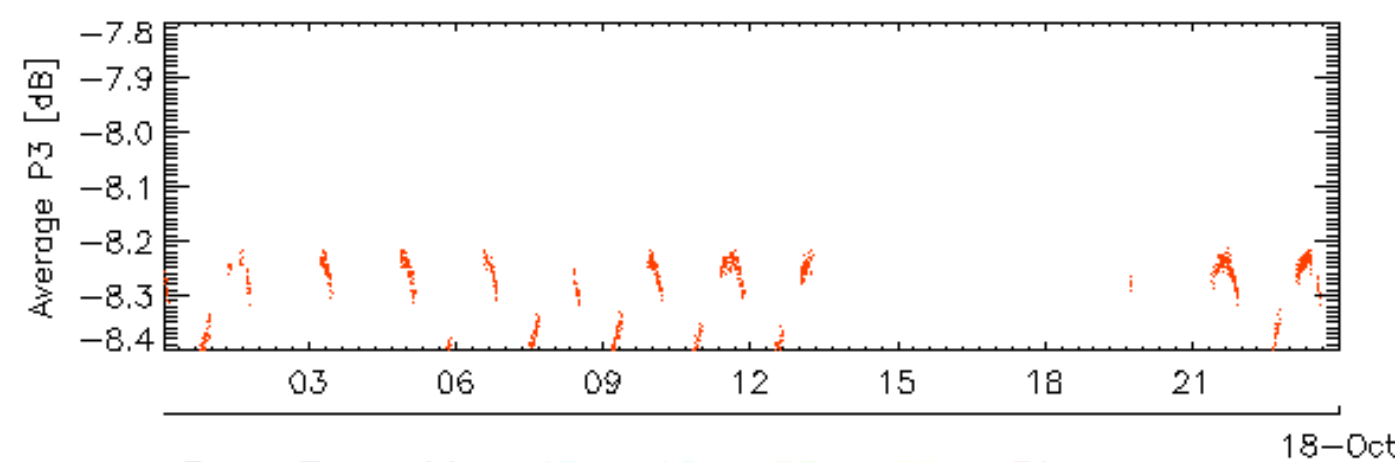
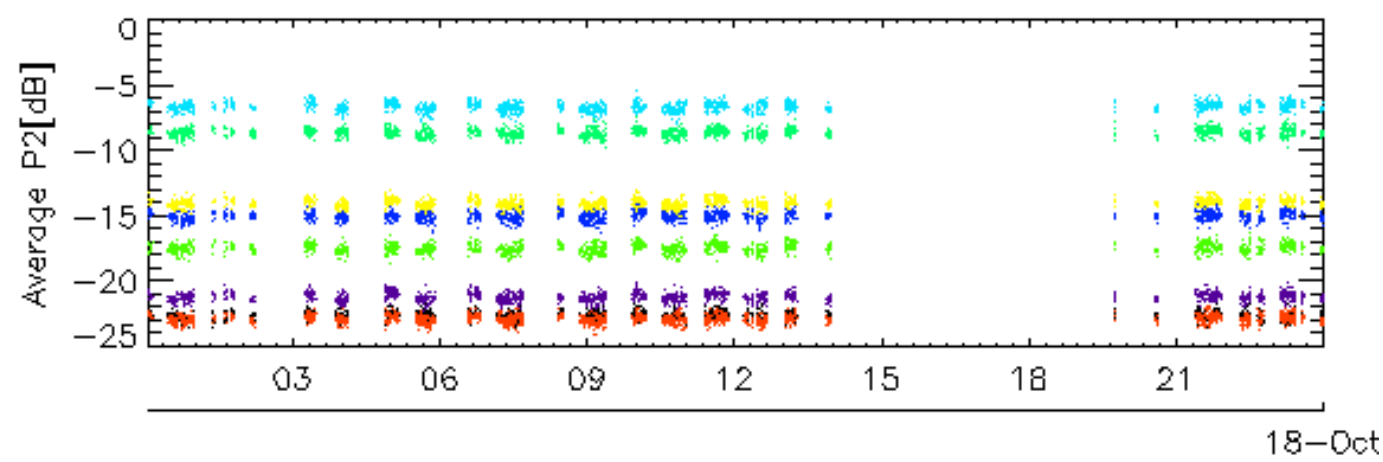
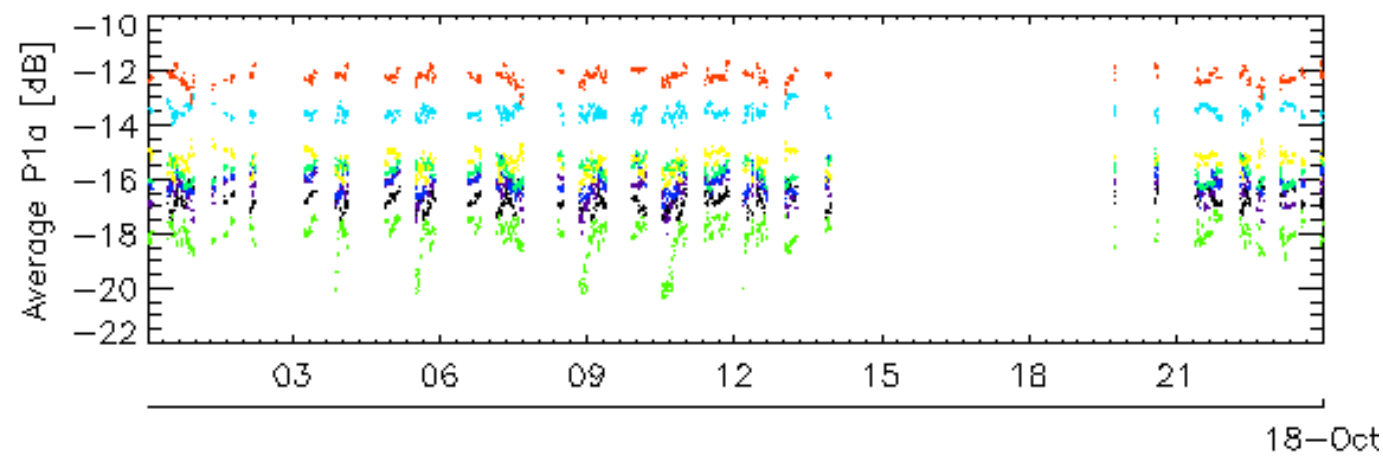
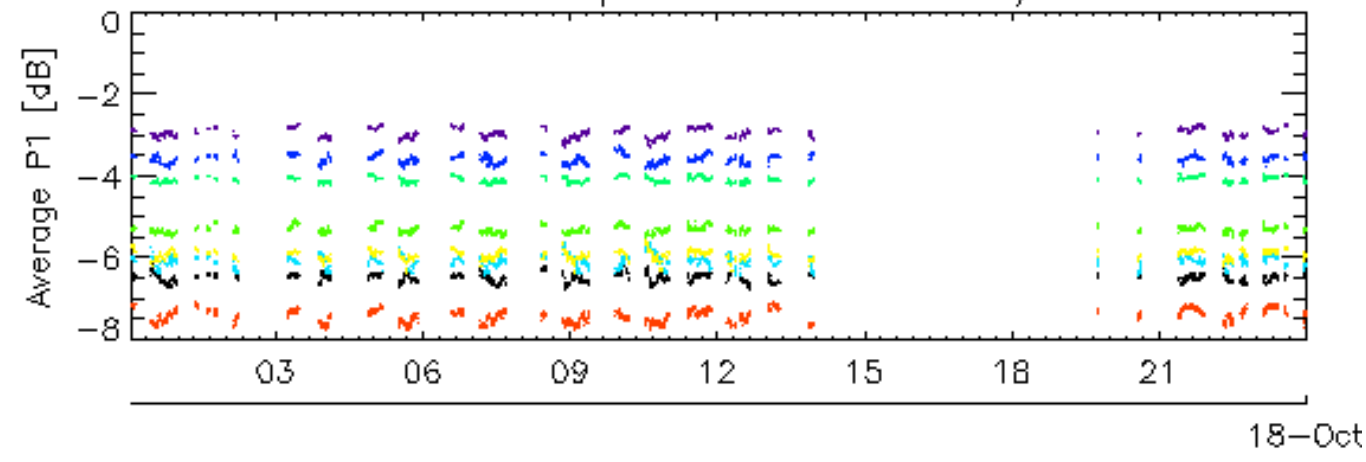
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

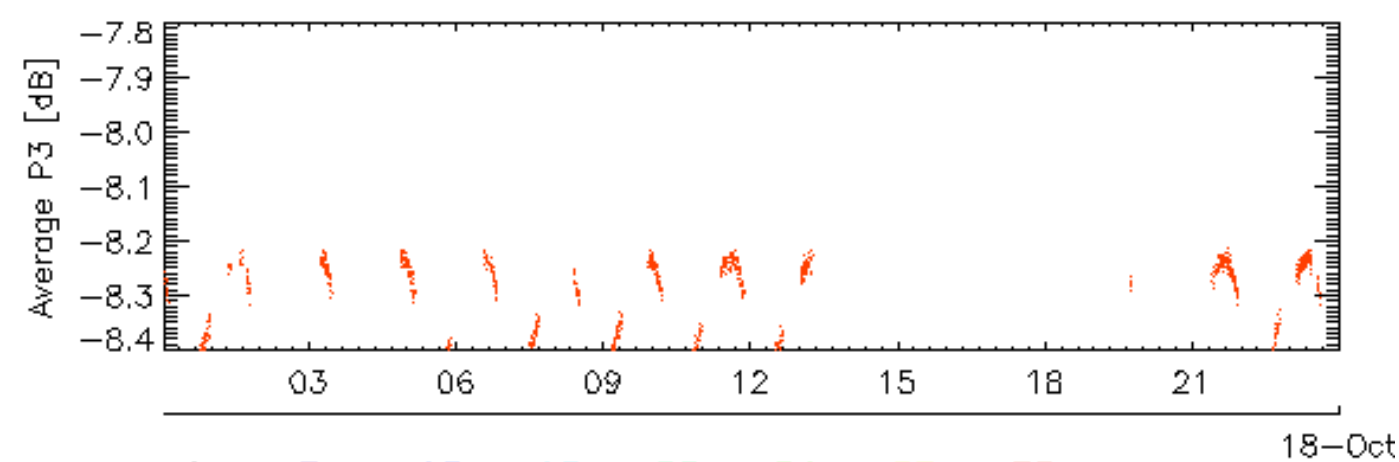
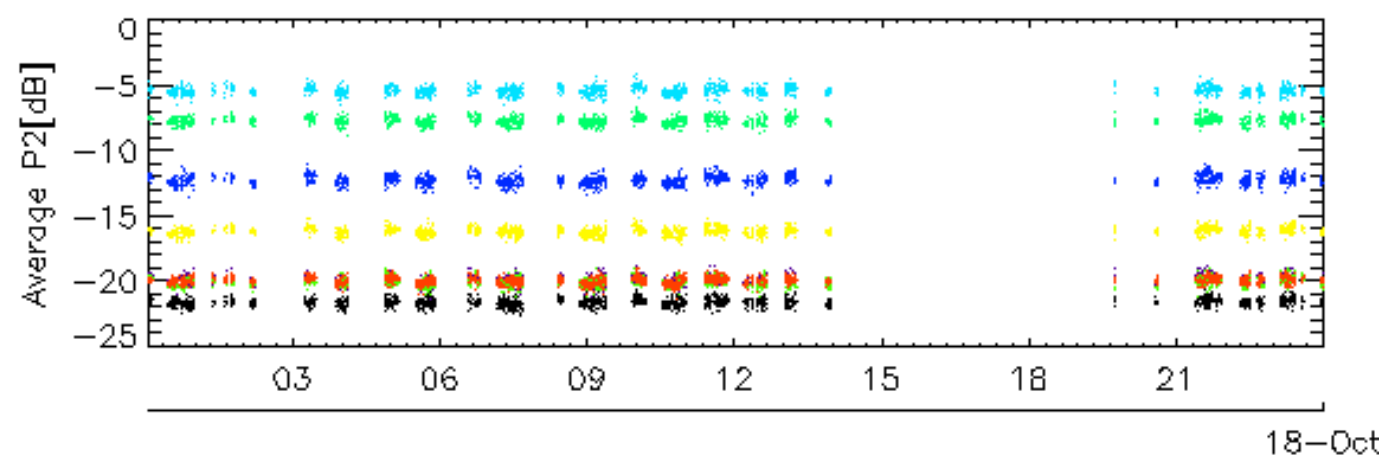
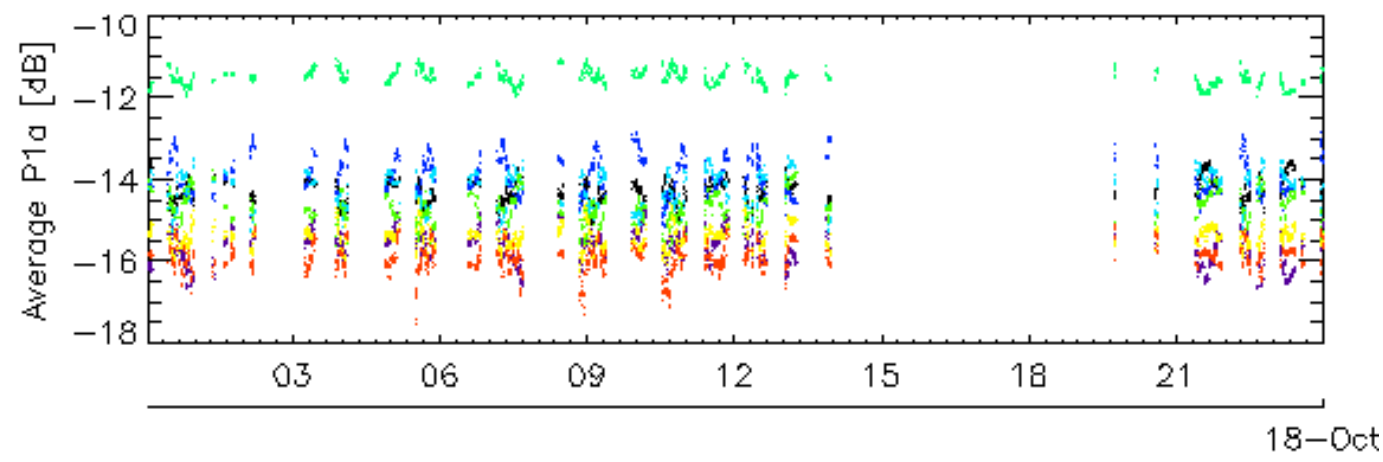
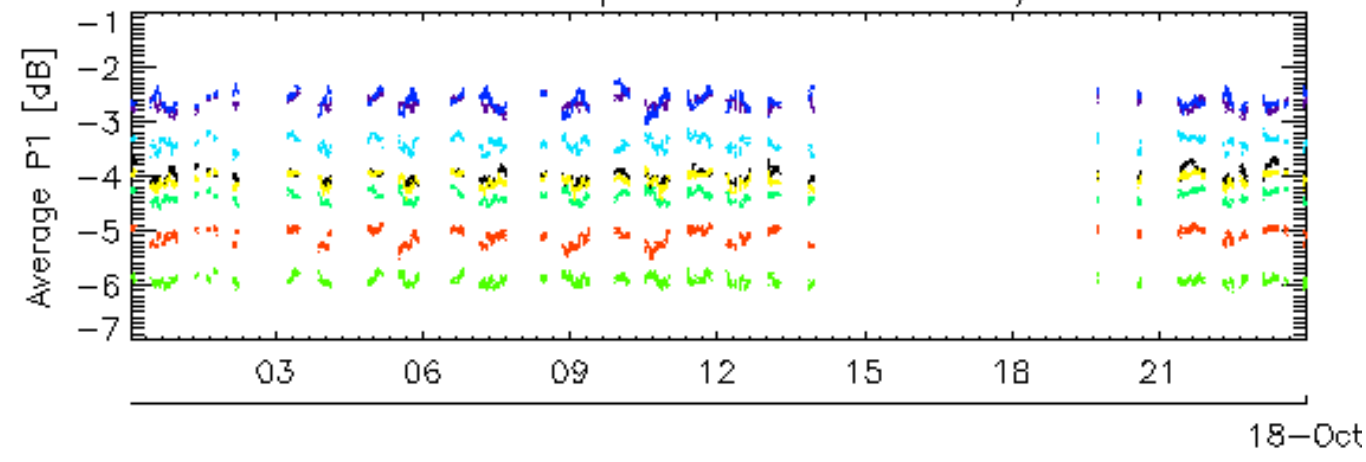


Calibration pulses for WVS IS2 V/V

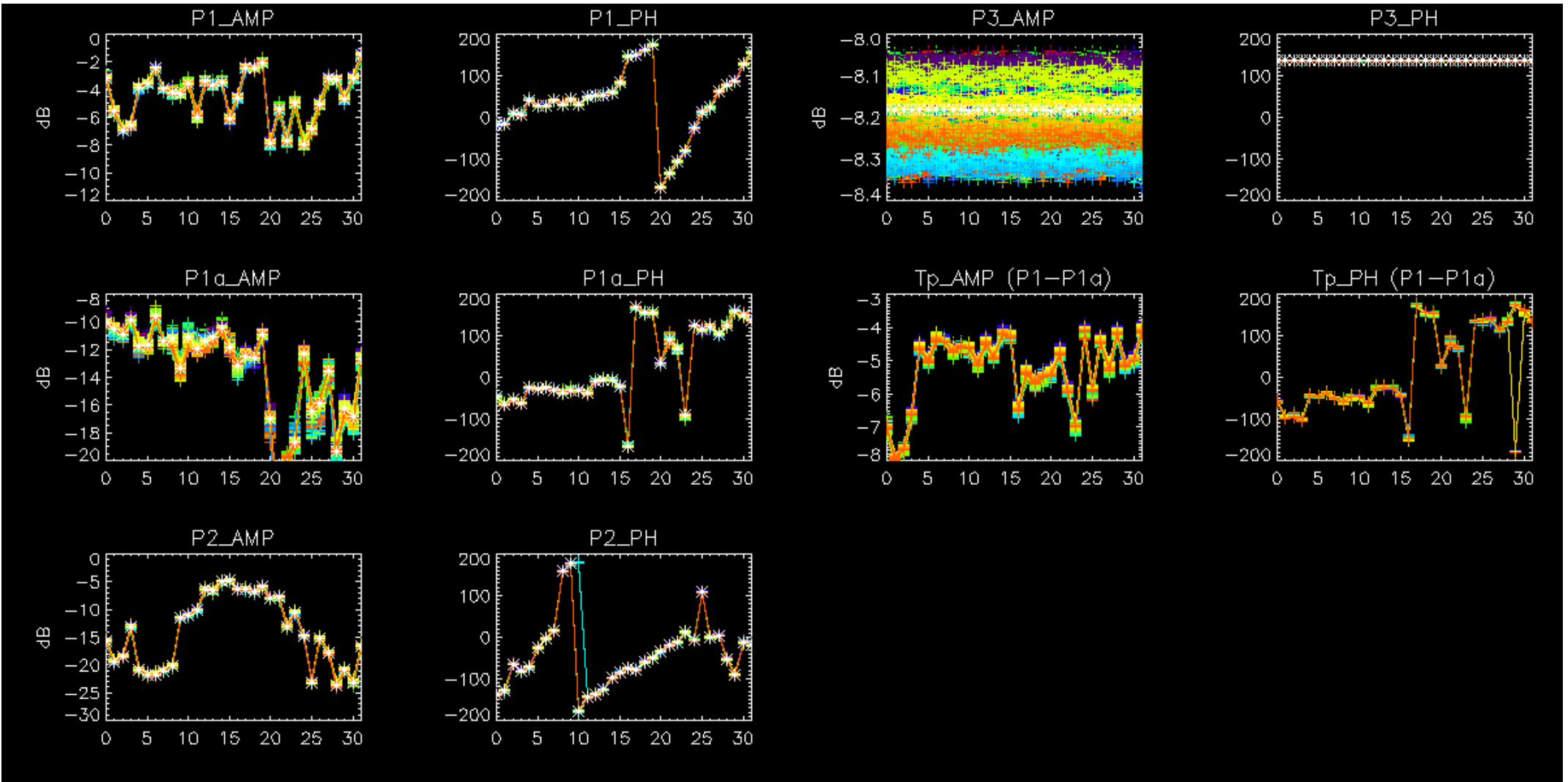


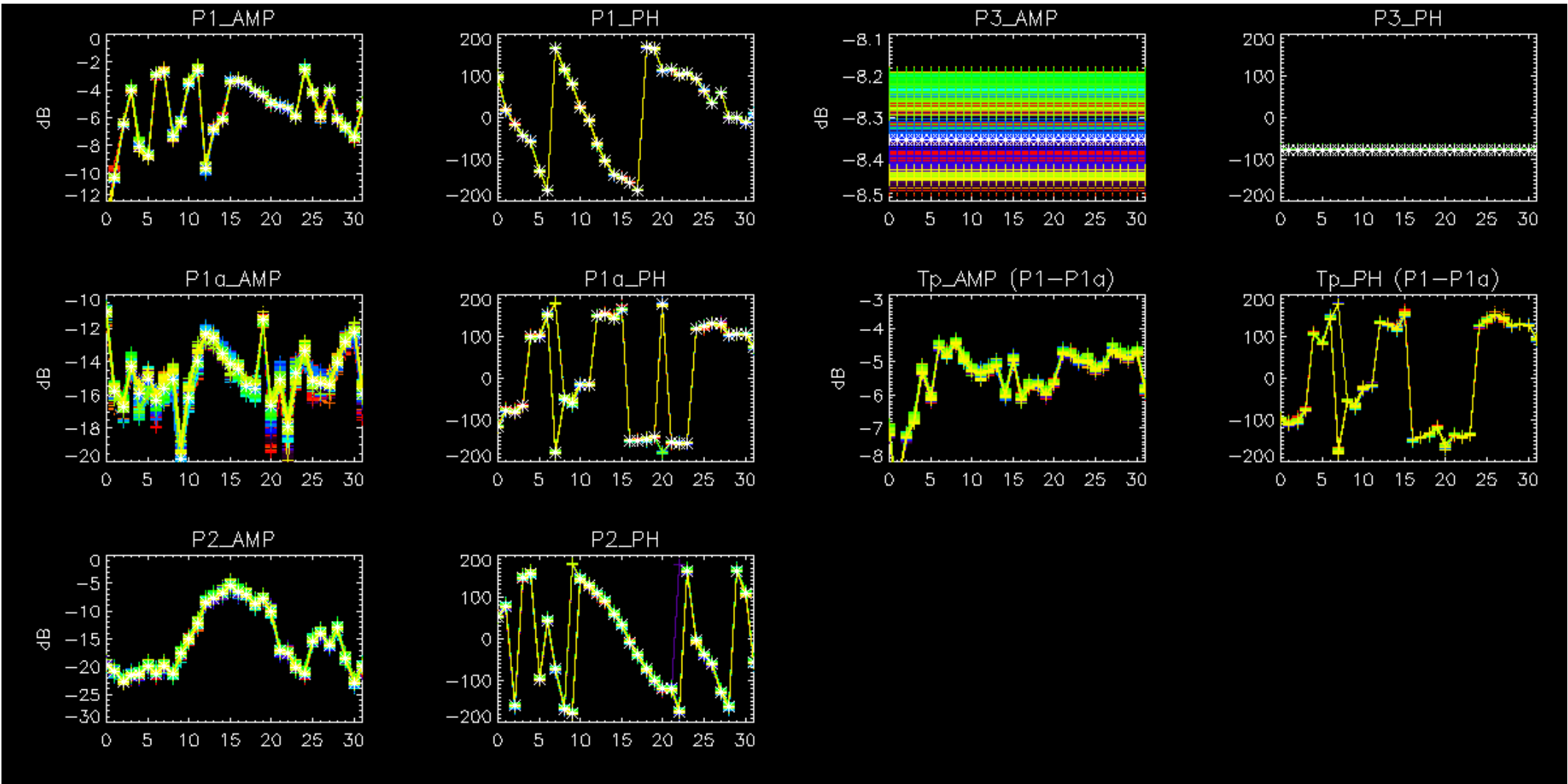
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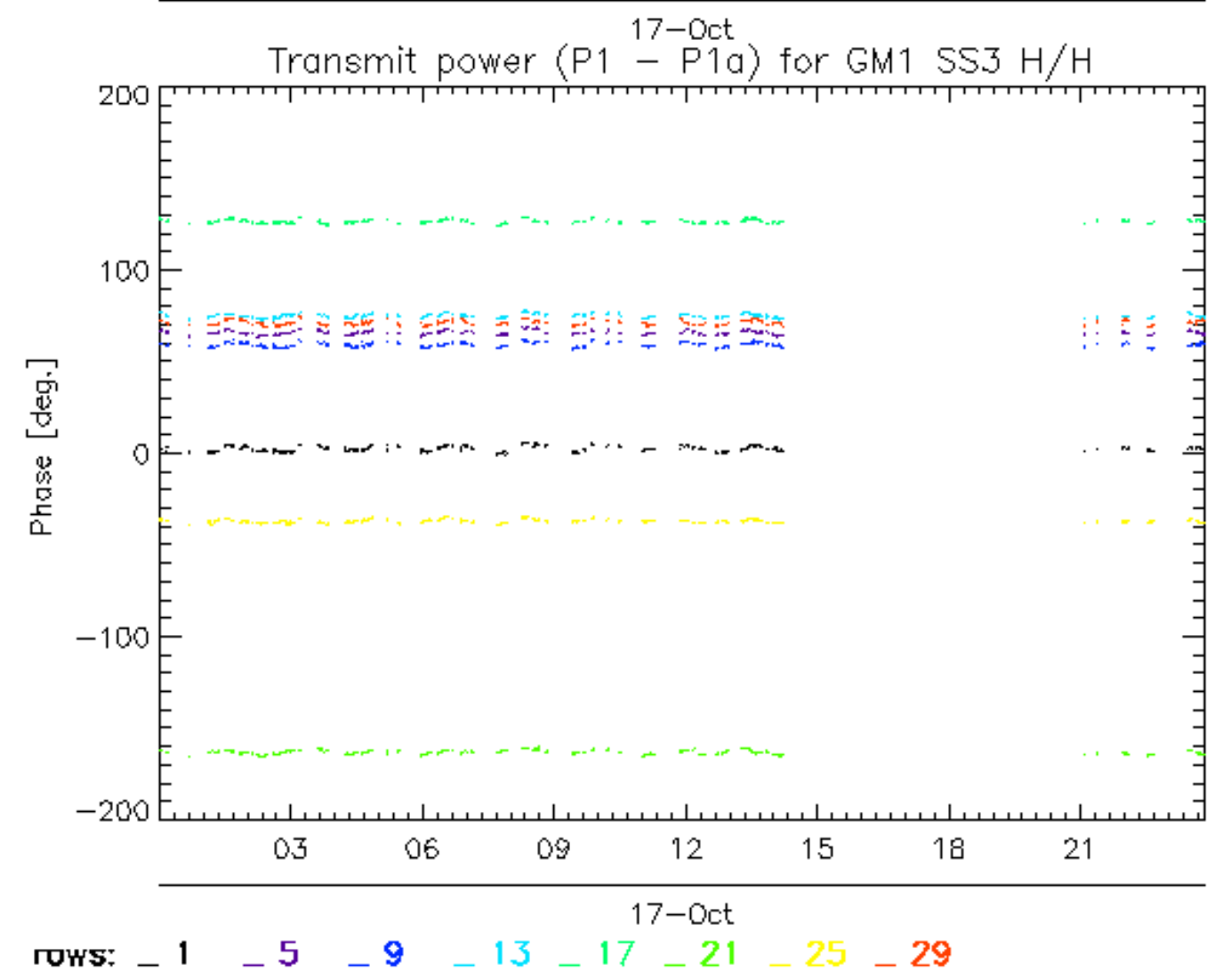
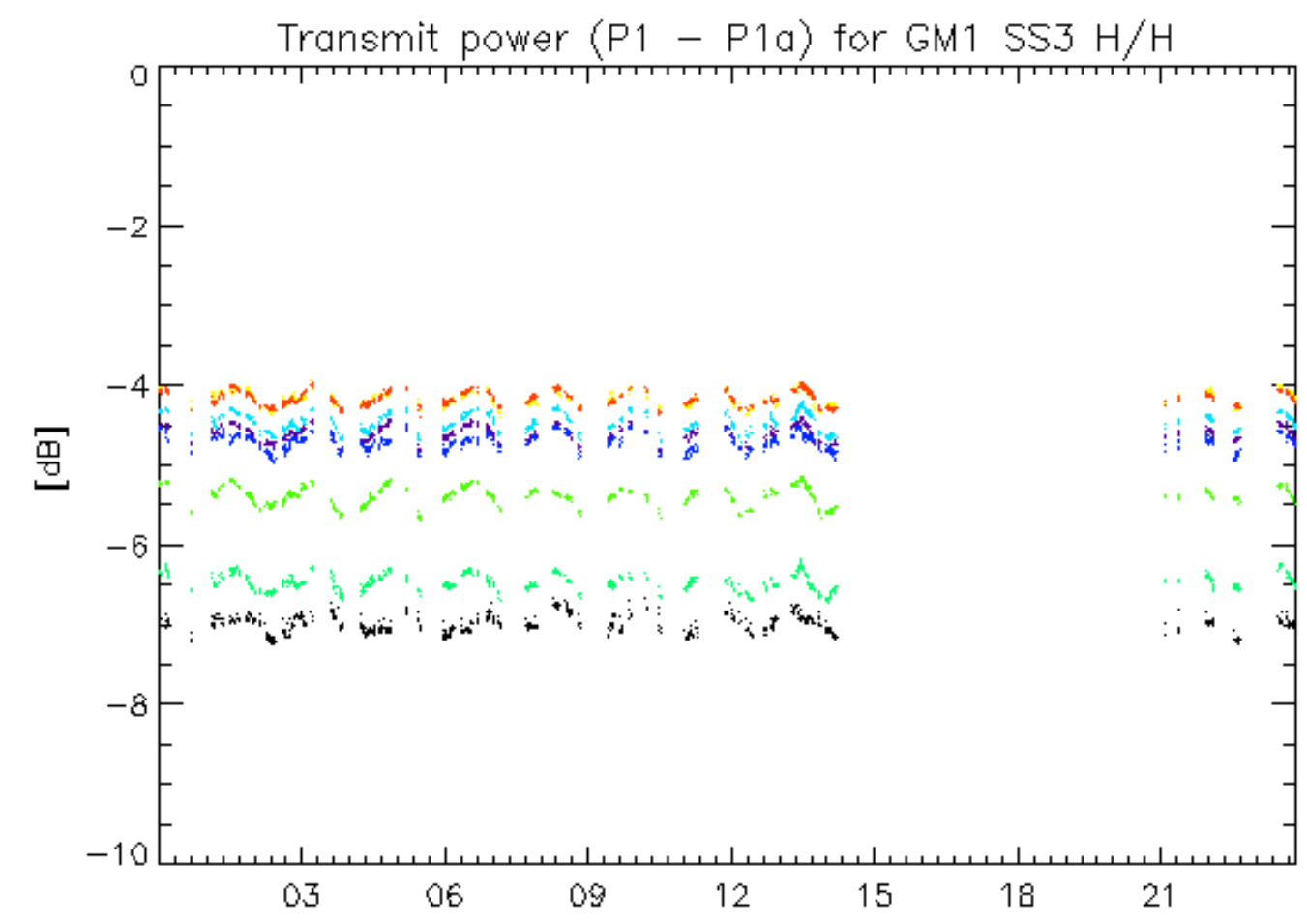
Calibration pulses for WVS IS2 V/V

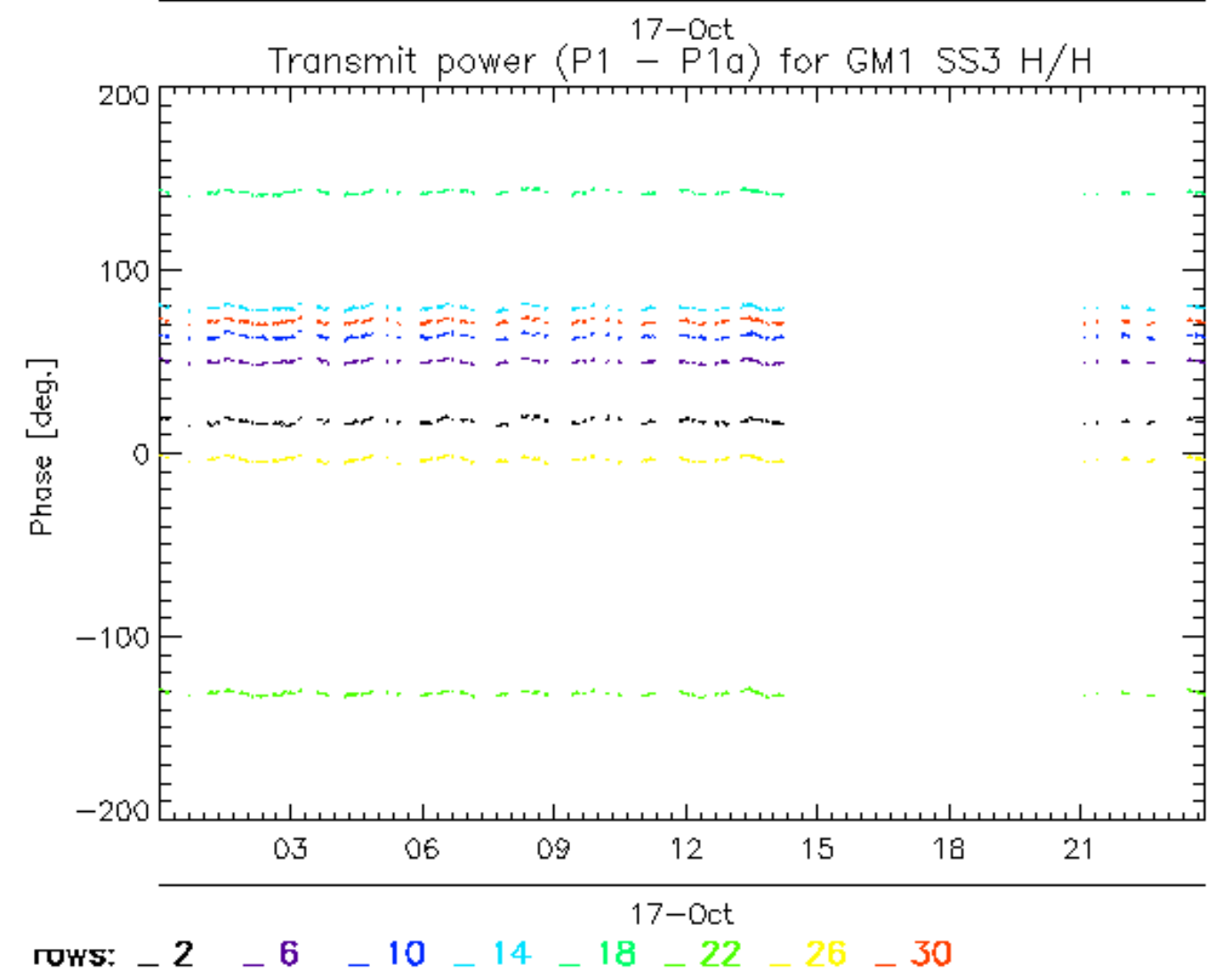
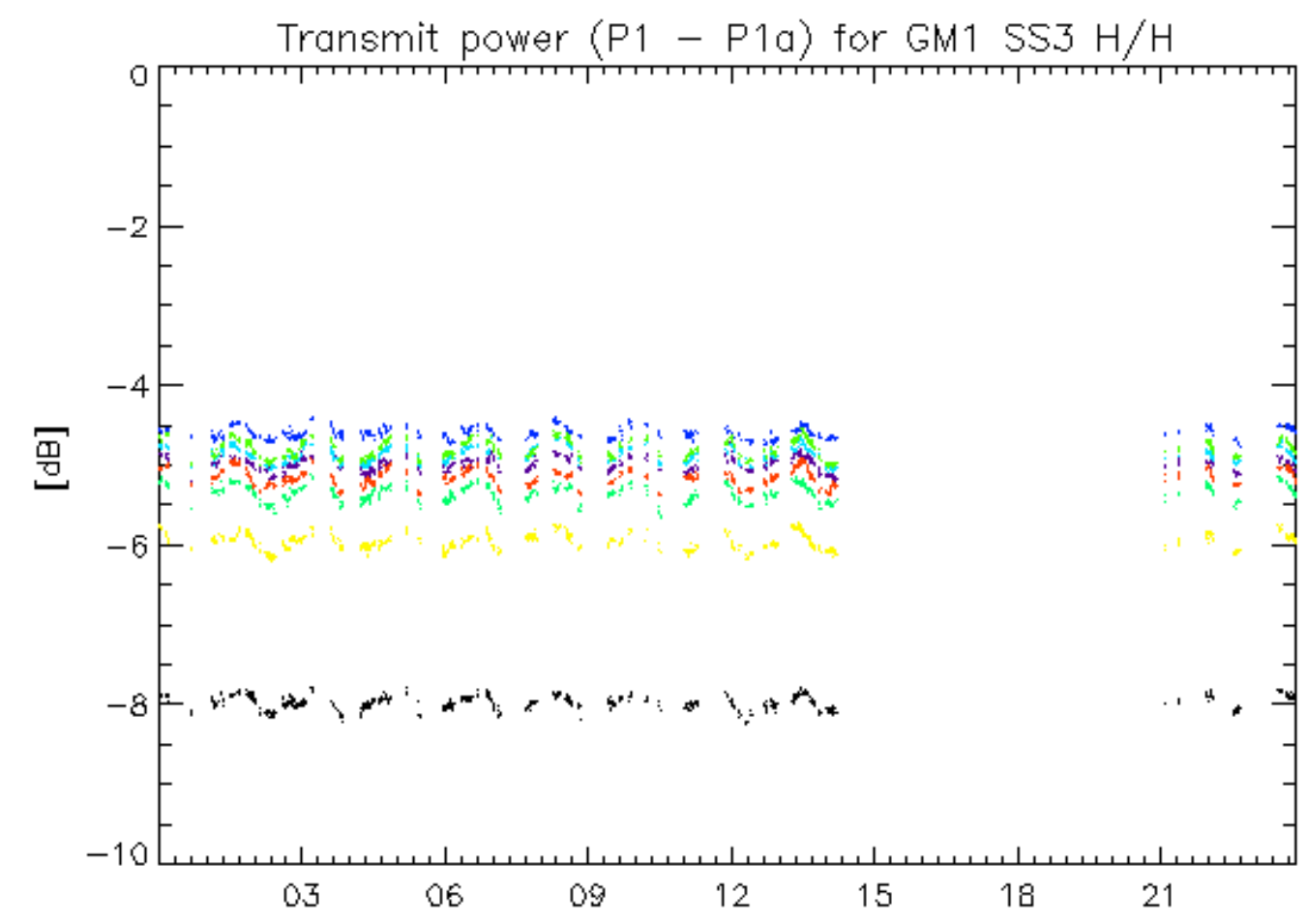


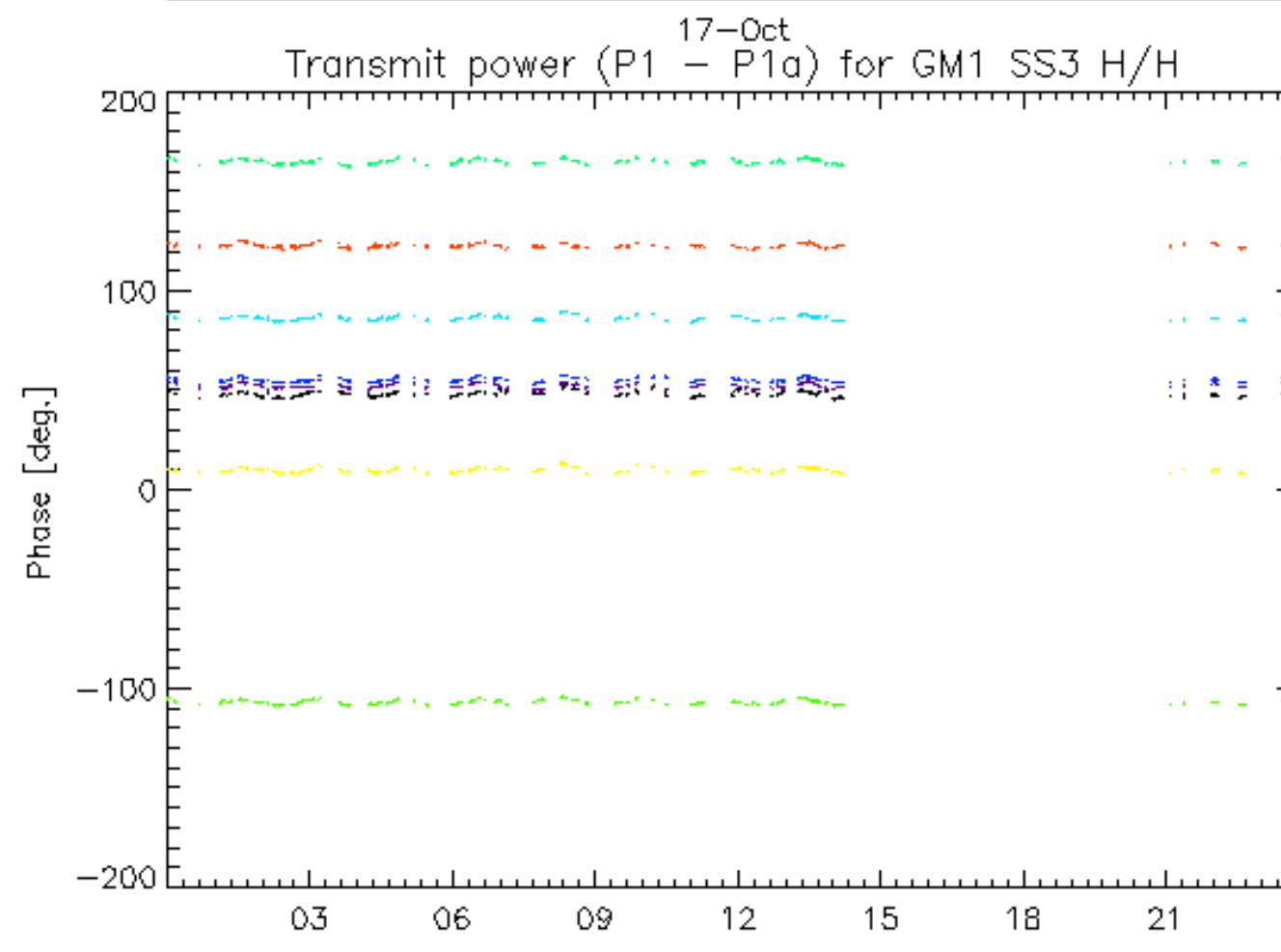
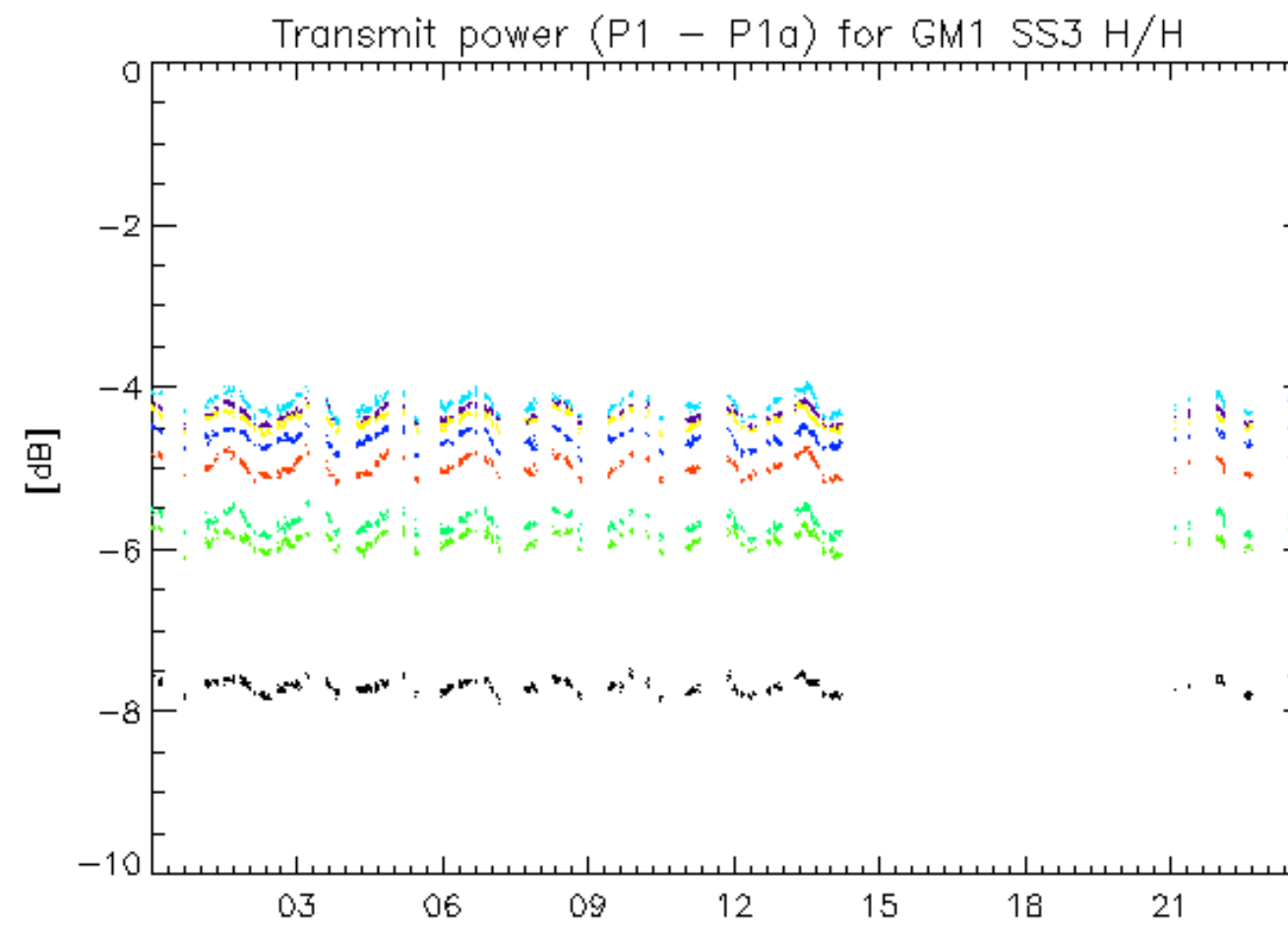
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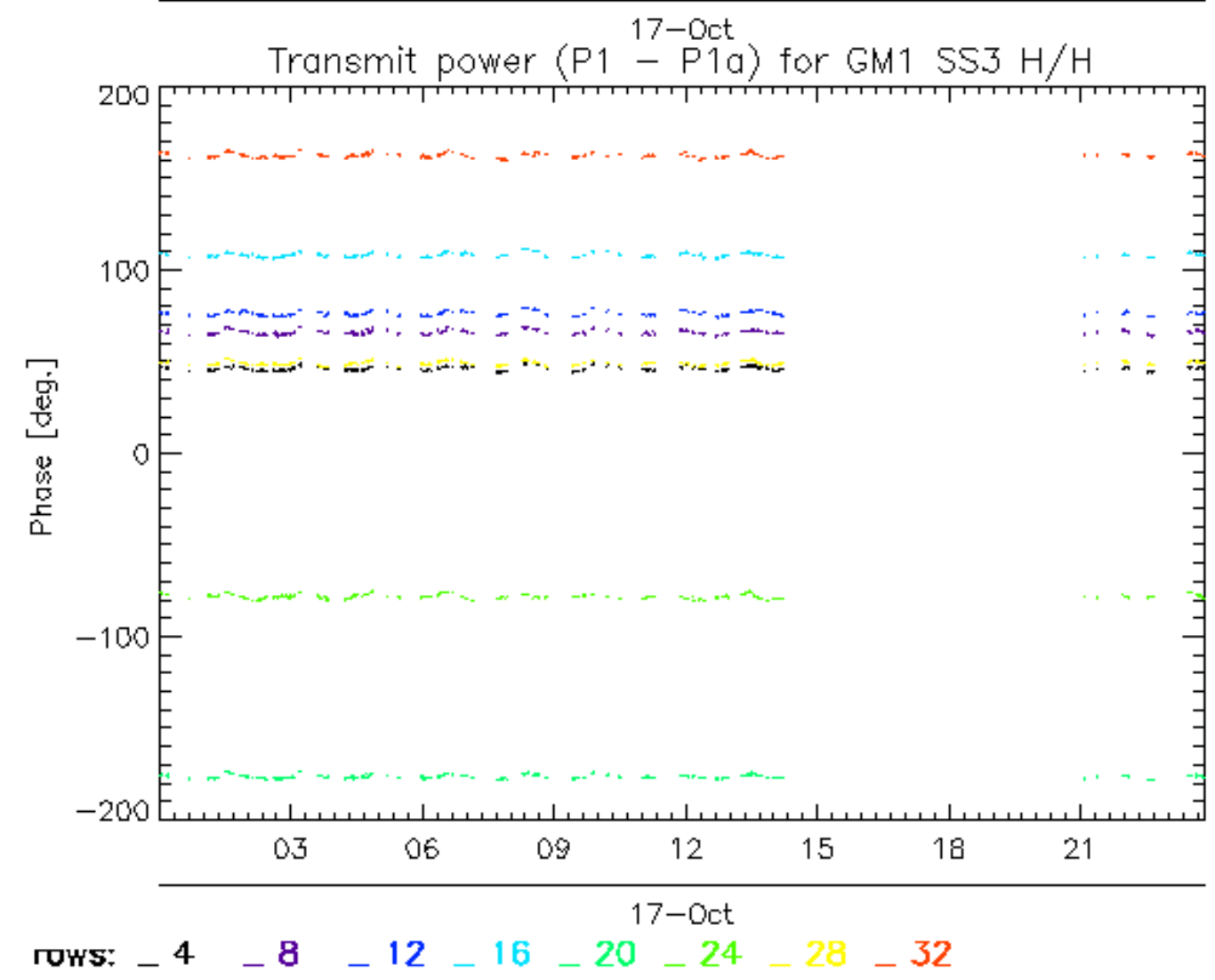
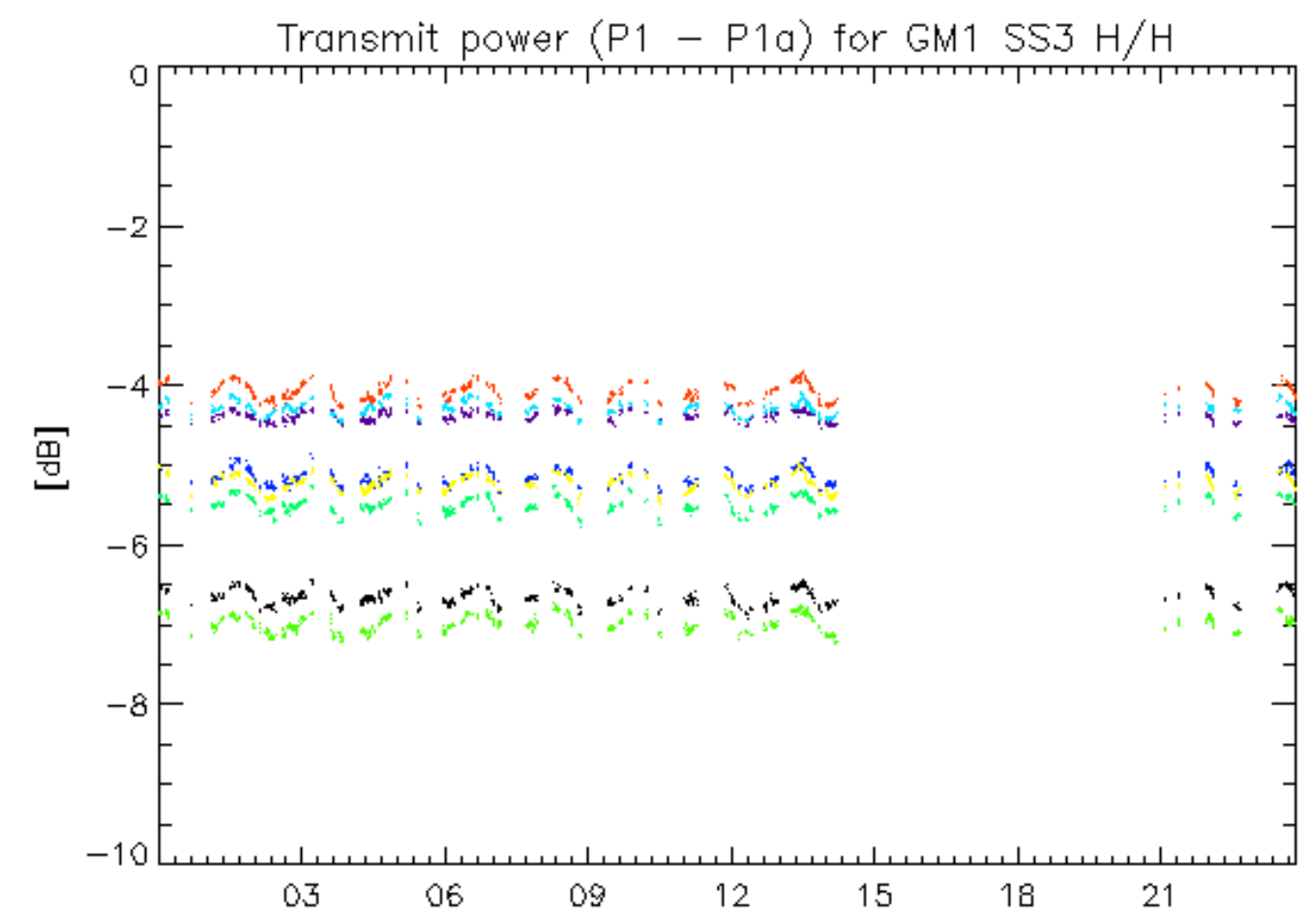


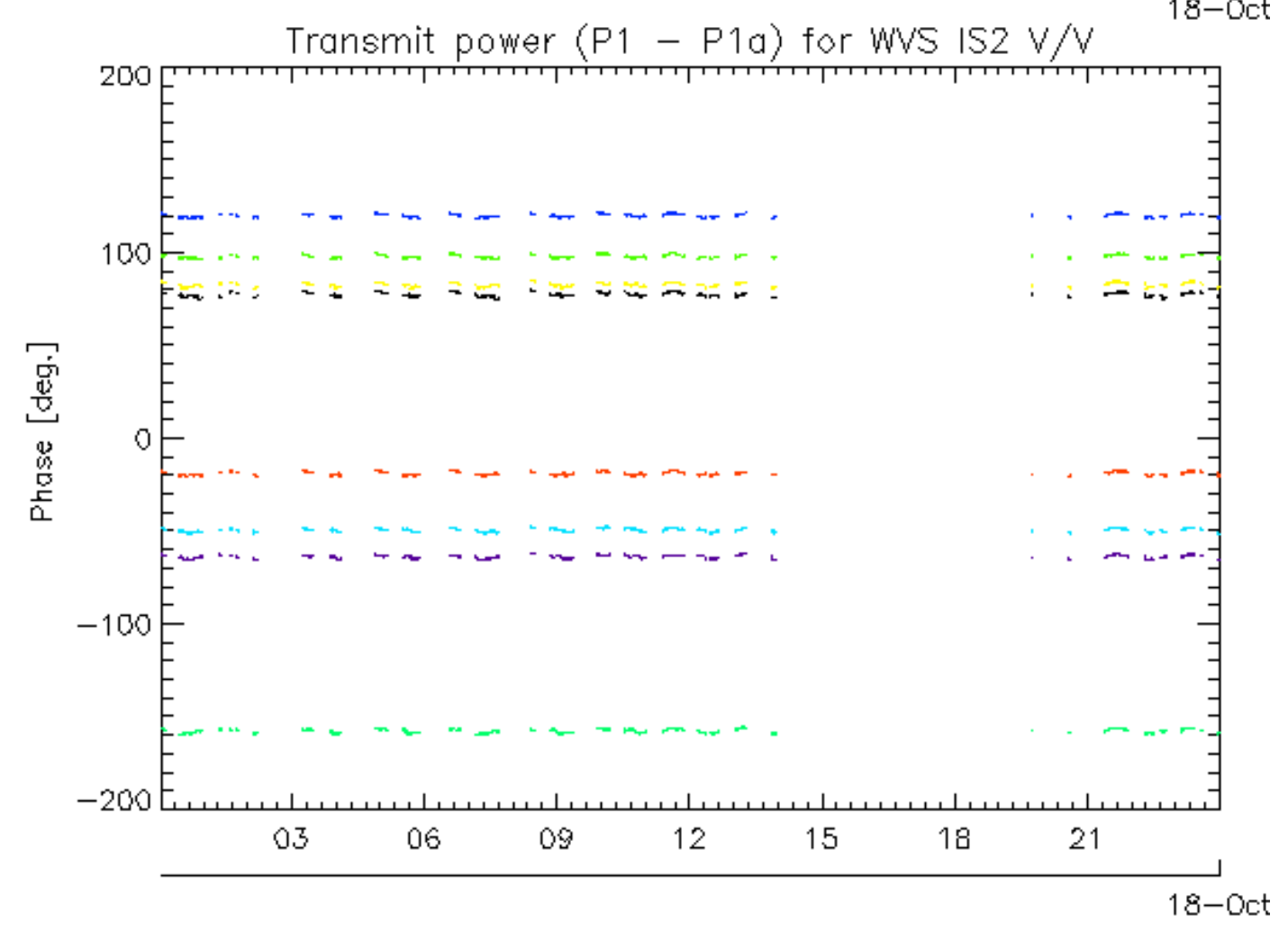
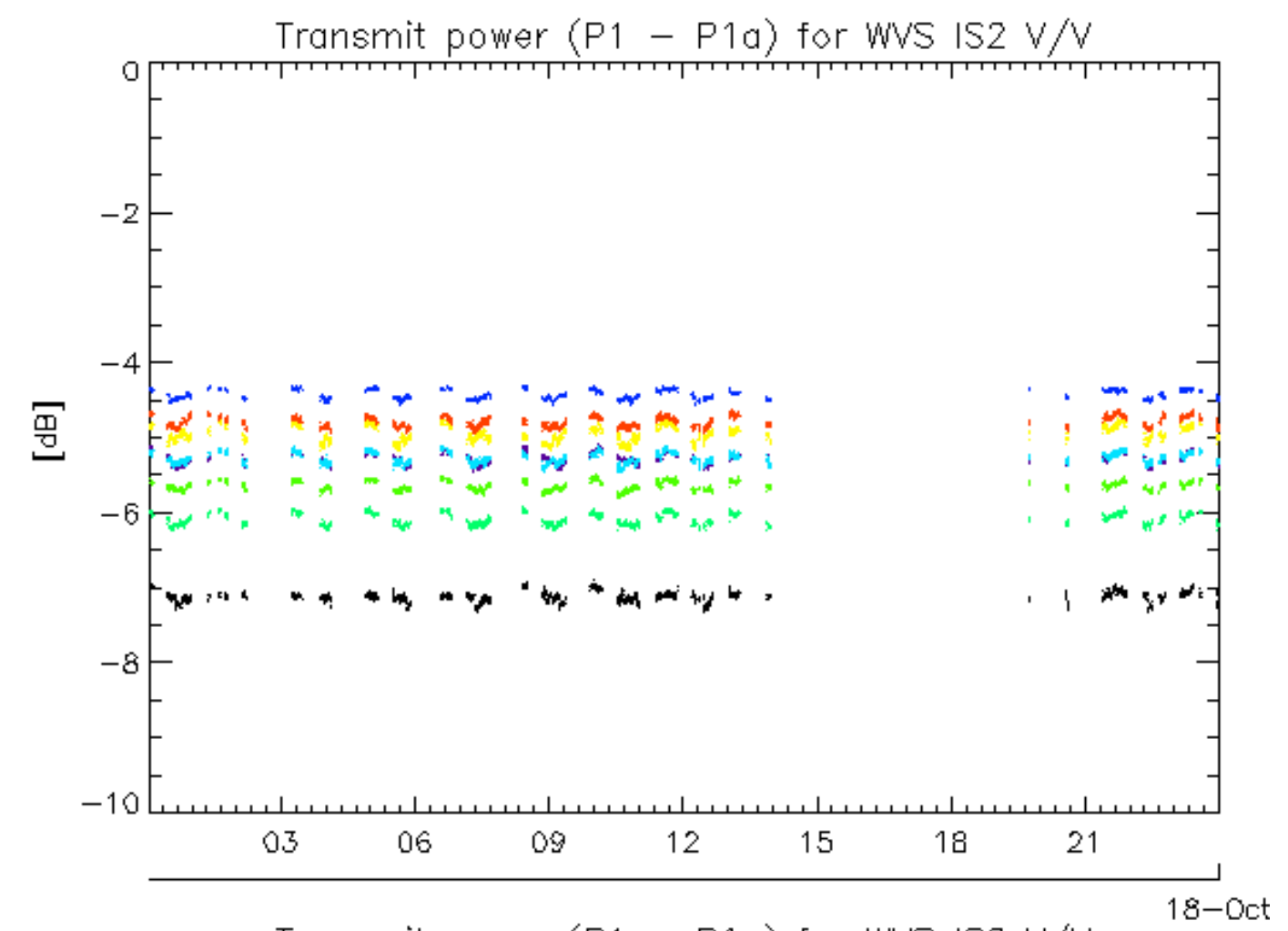




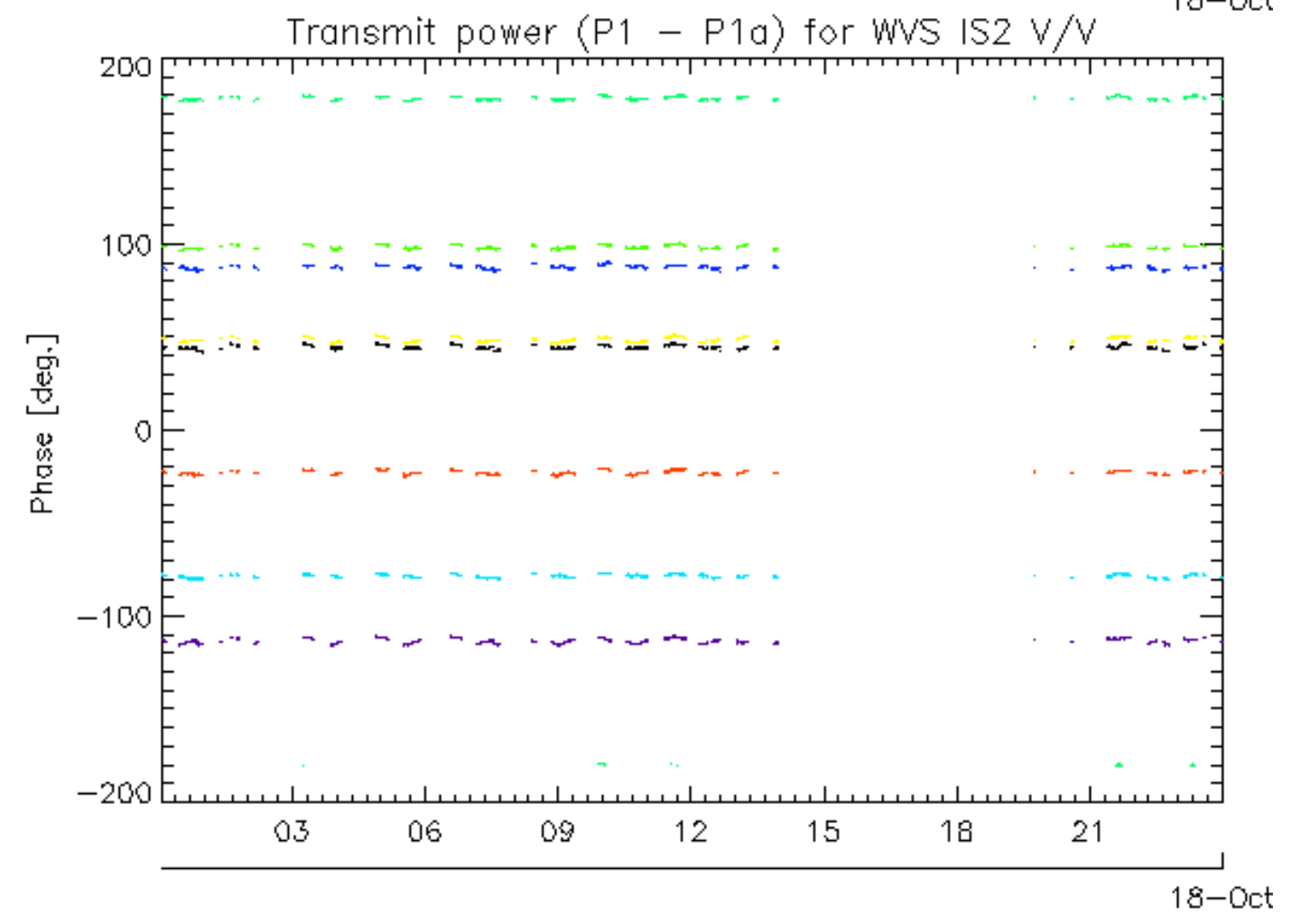
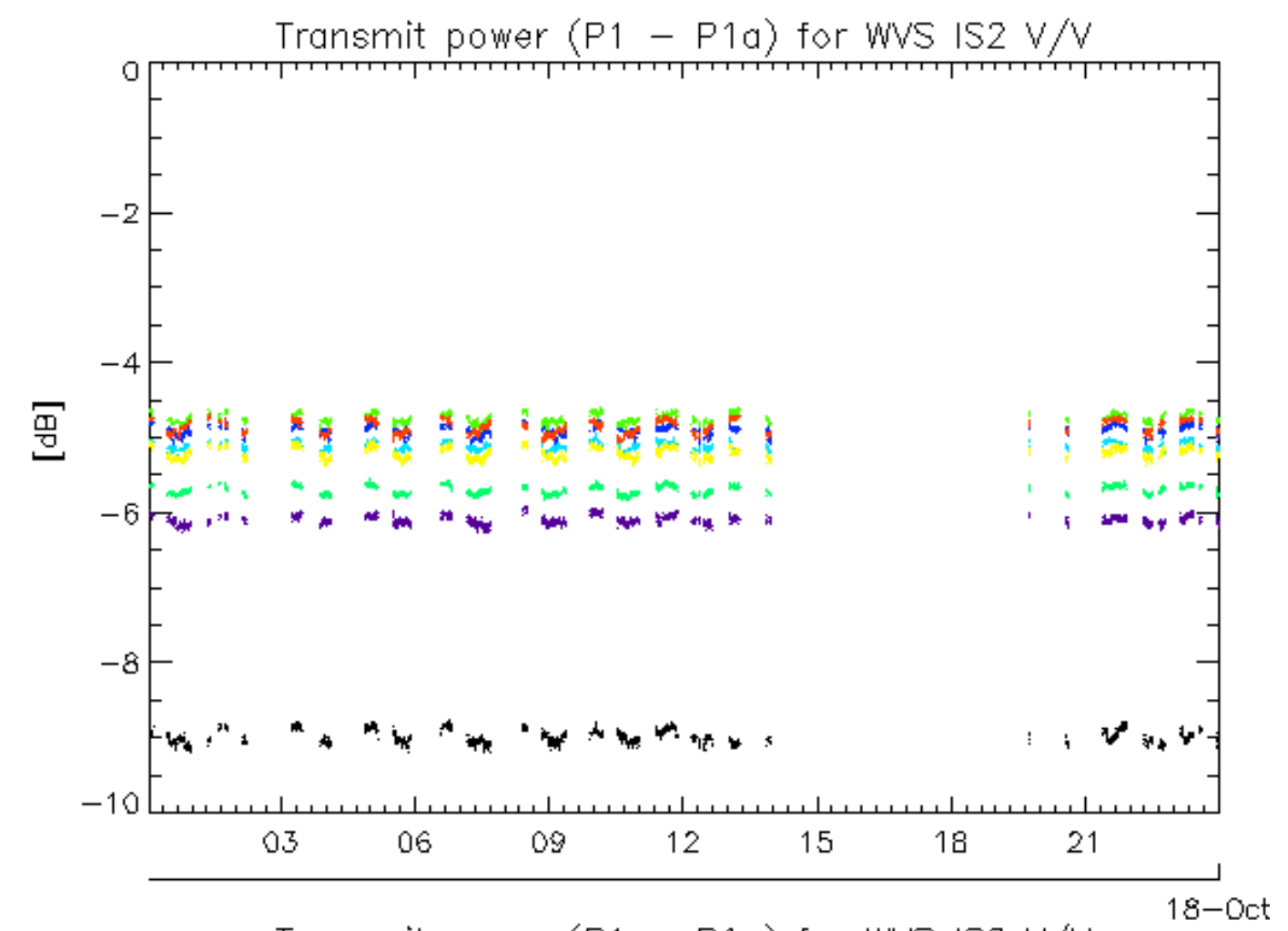


17-Oct
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

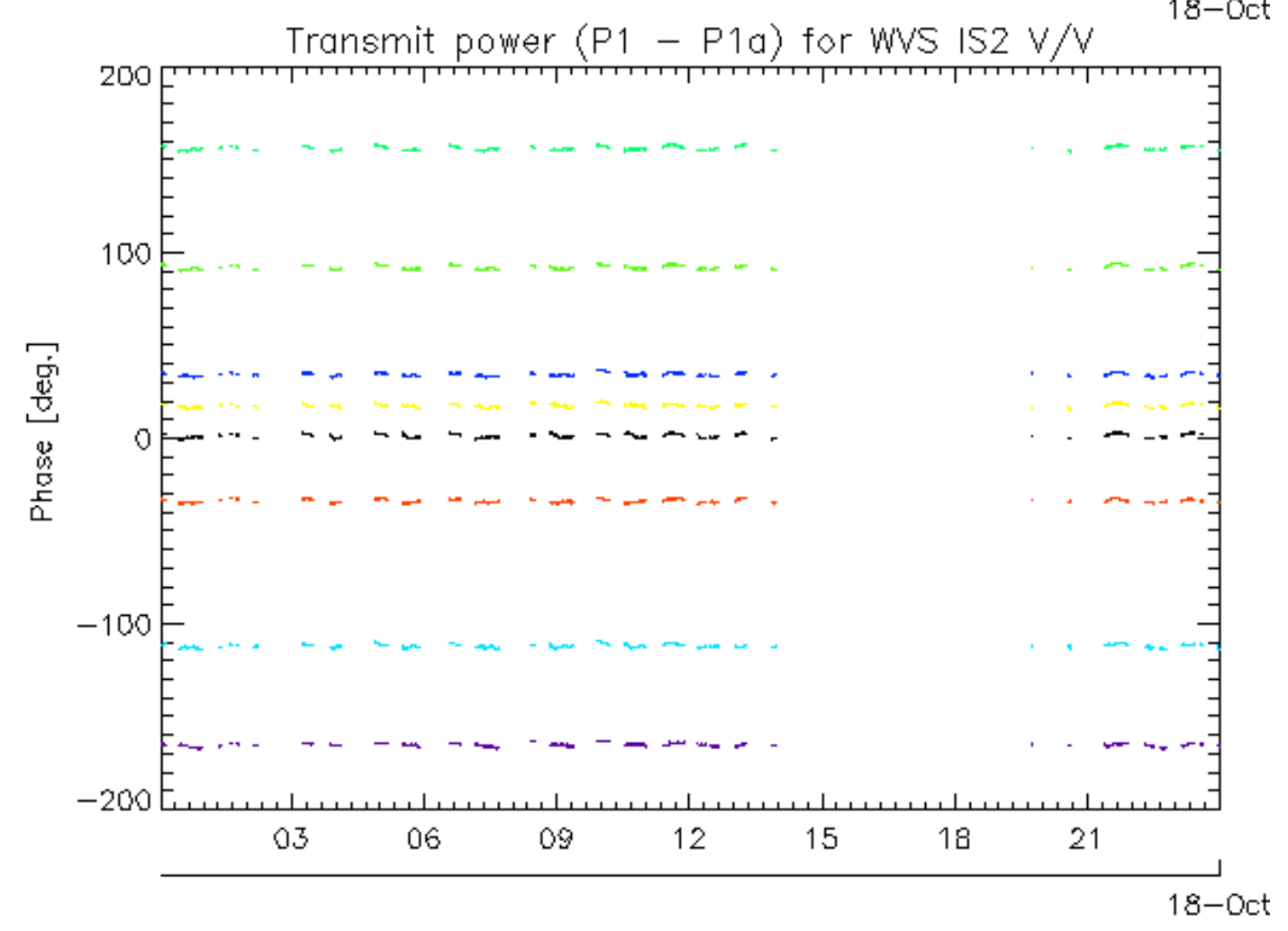
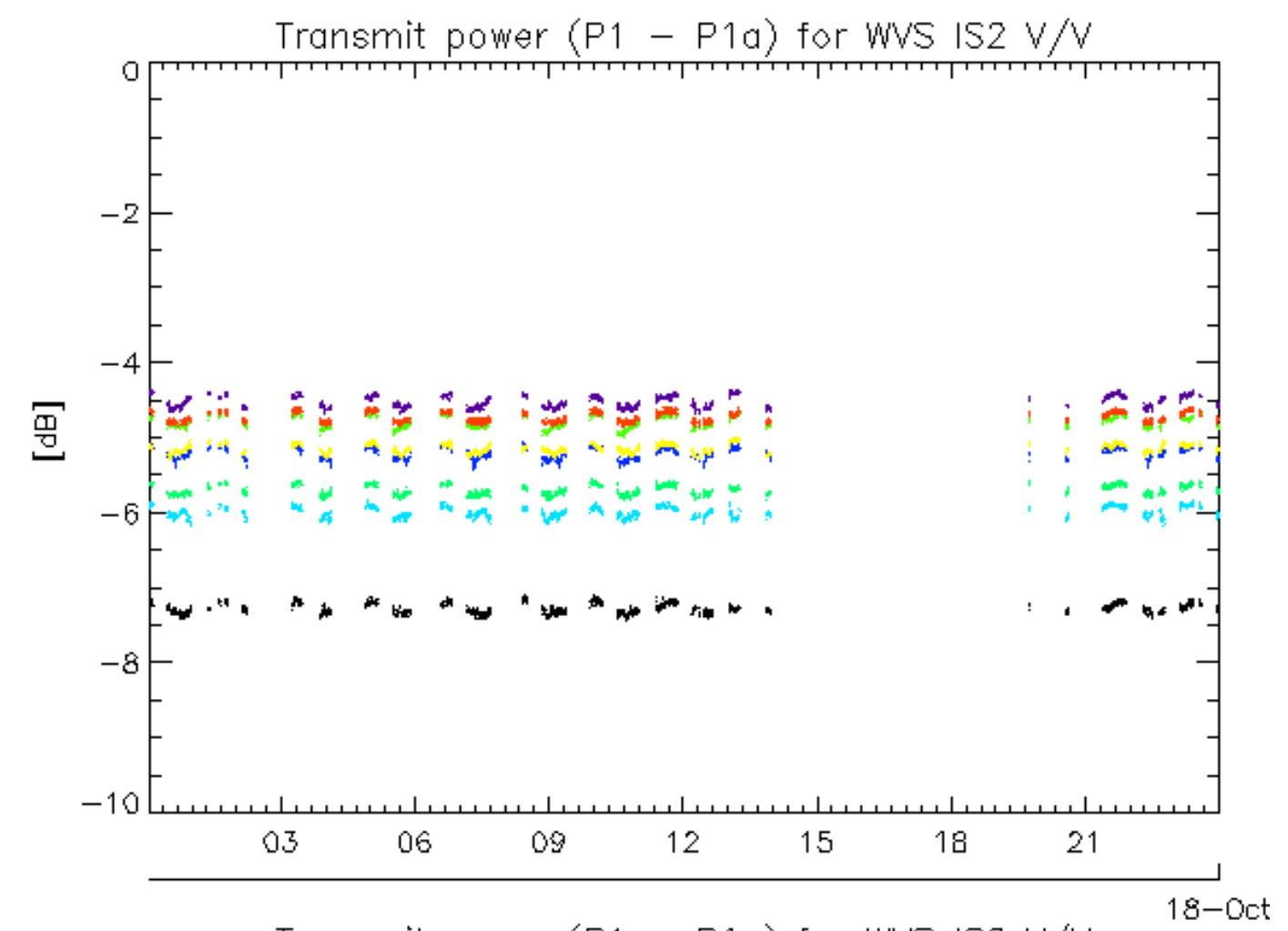




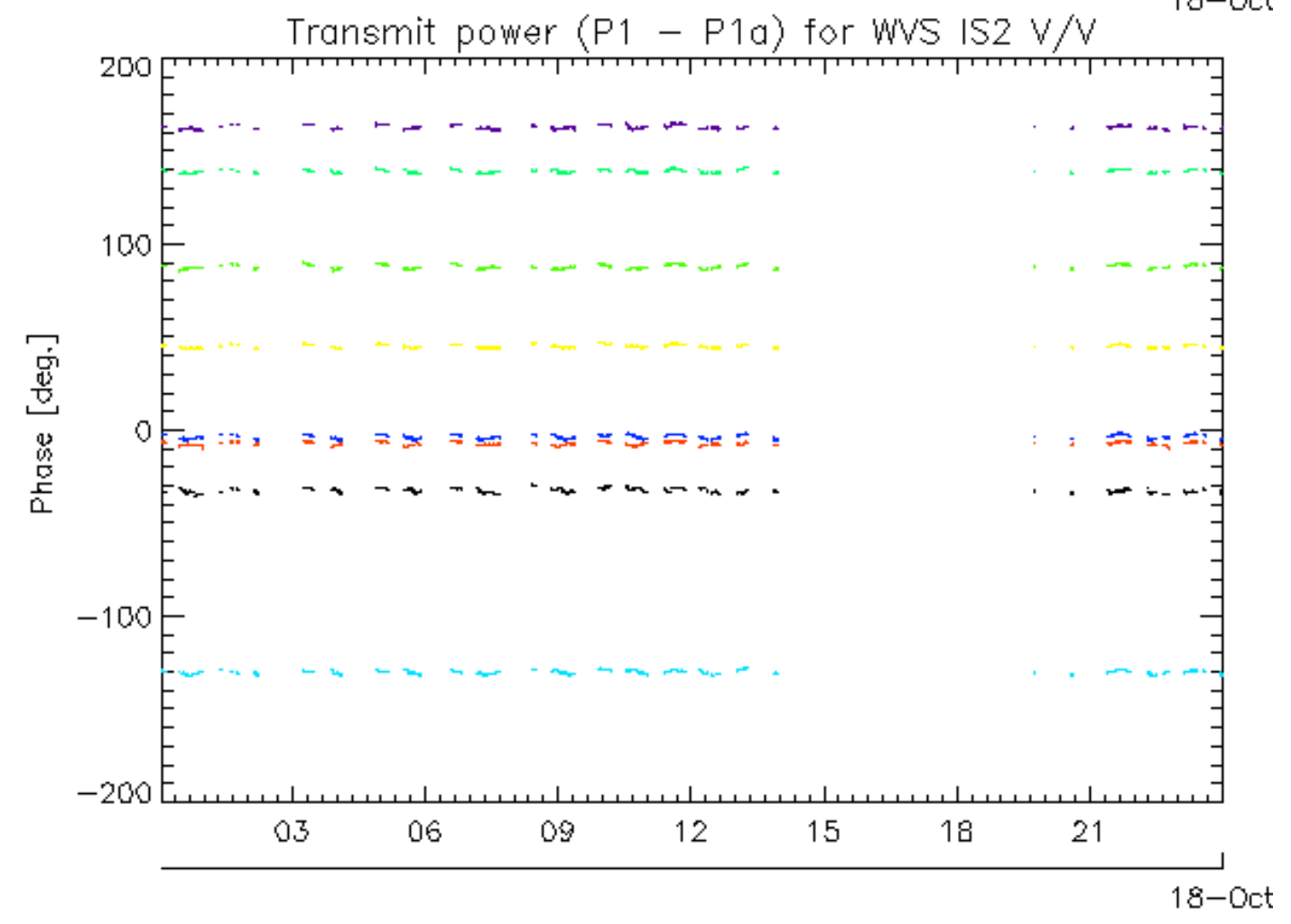
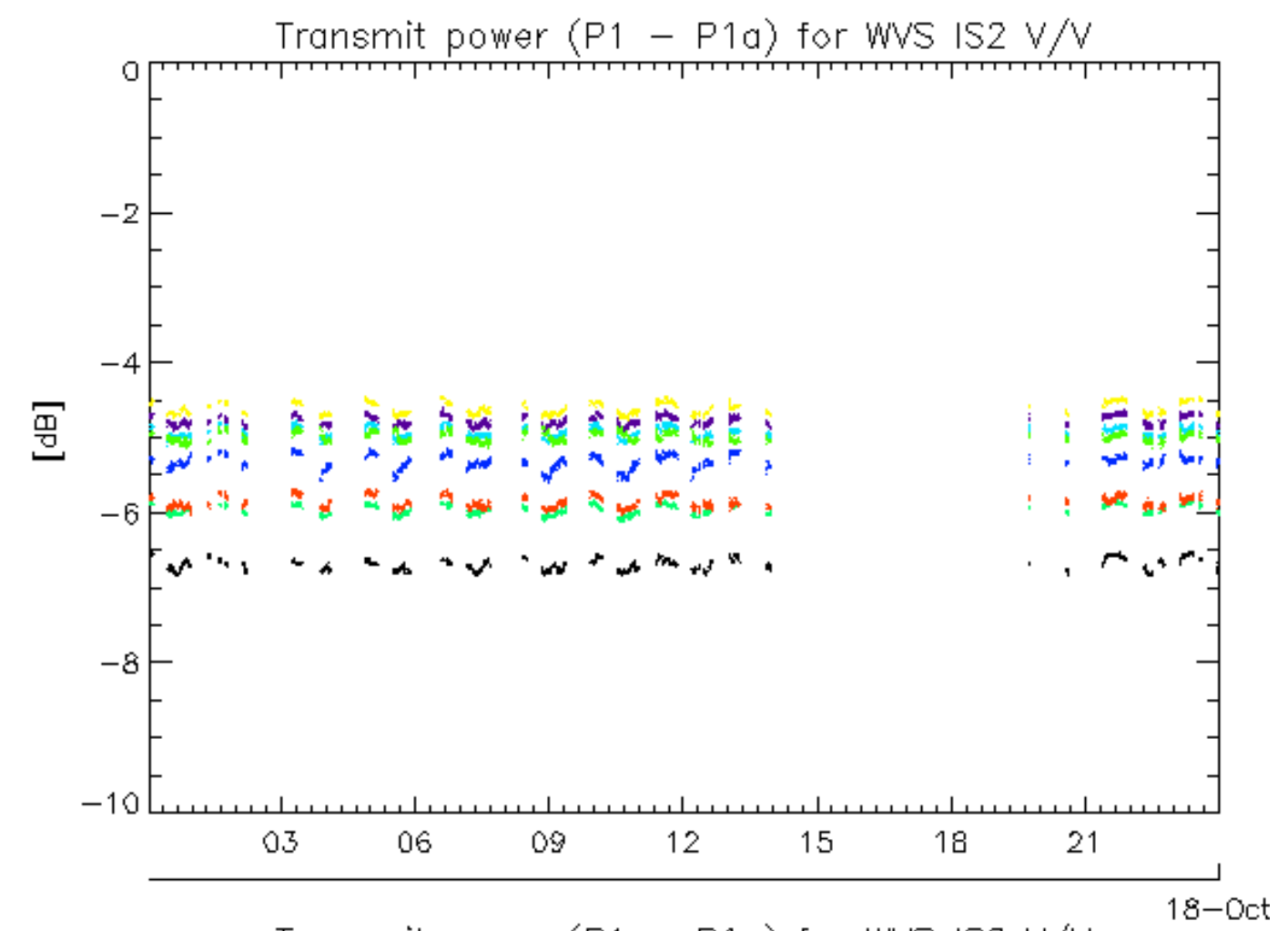
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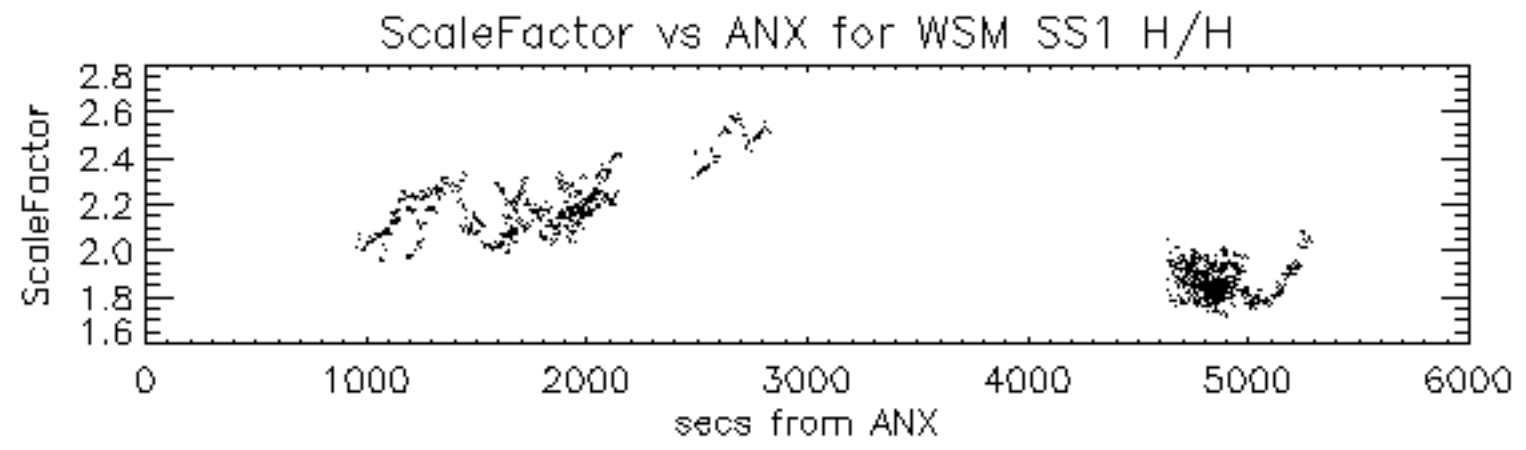
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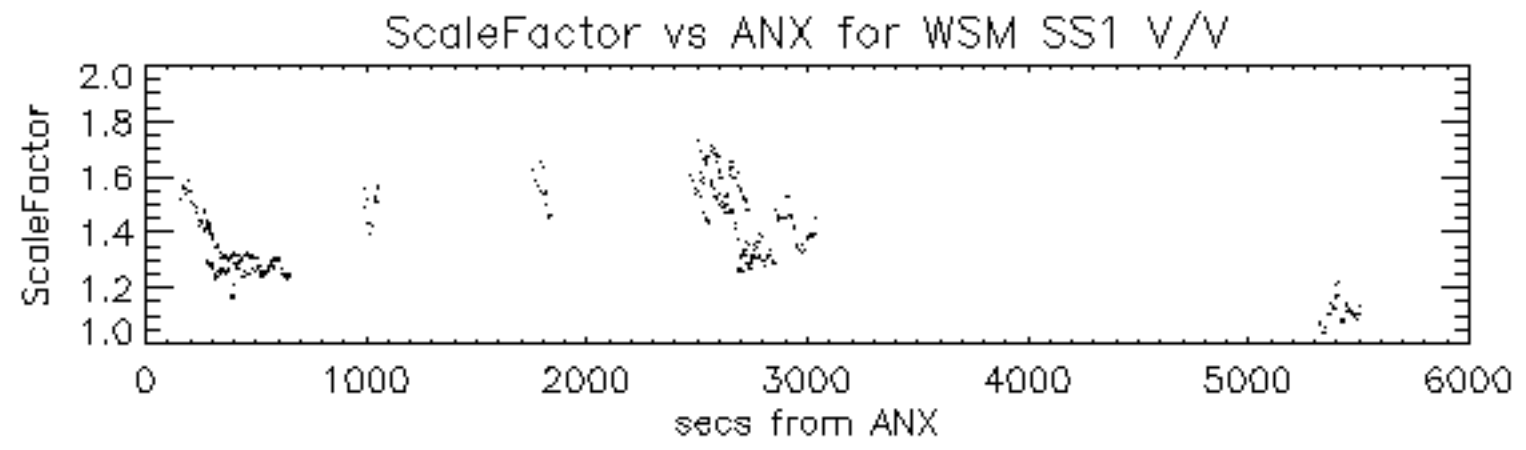


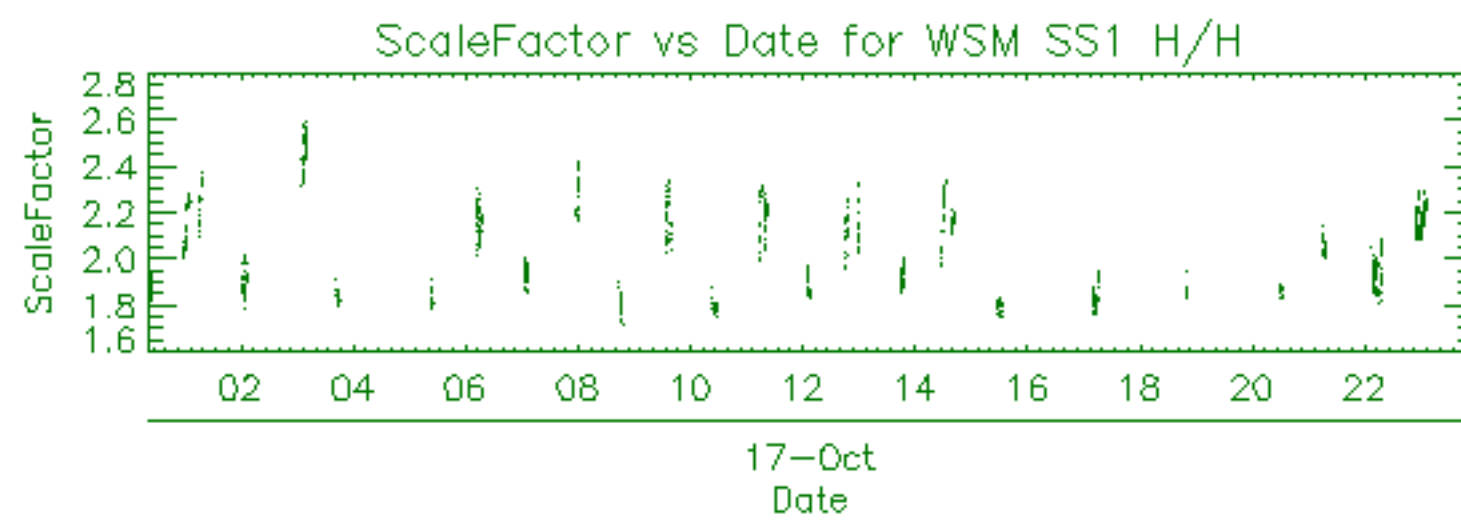
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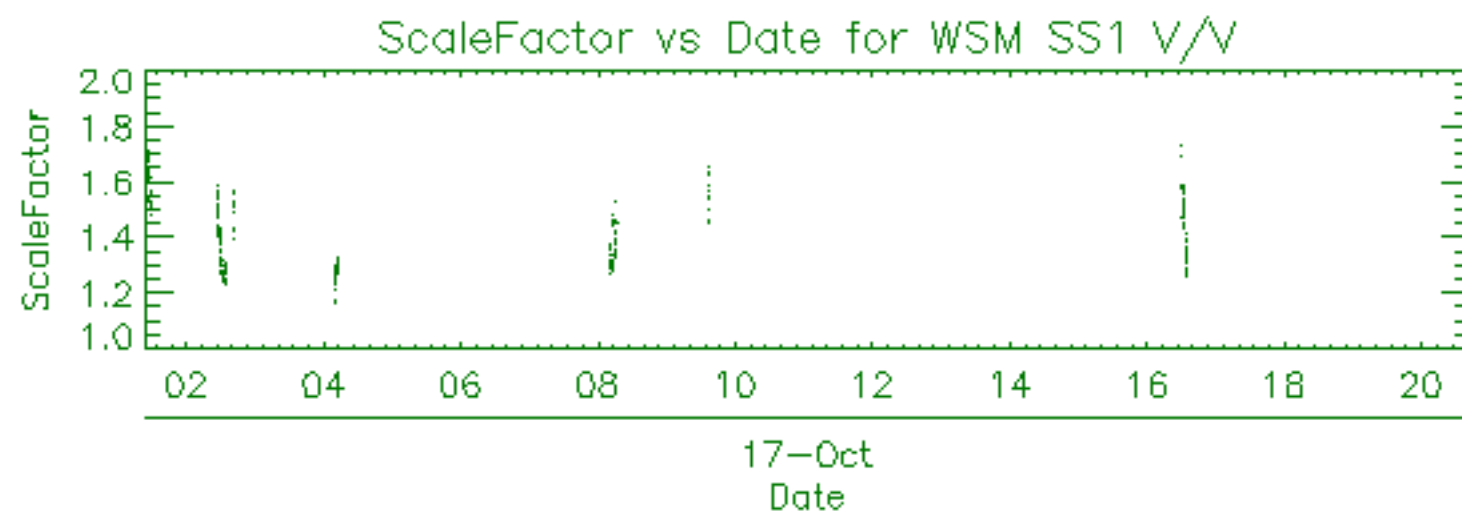


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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion				
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ASA_APM_1PNPDE20101017_145526_000001782093_00483_45126_0931.N1						IS4 V/V	93	45126	483	5.04
ASA_APM_1PNPDE20101017_162551_000000442093_00484_45127_0935.N1						IS4 H/H	93	45127	484	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20101016_235629_000004042093_00474_45117_0816.N1						SS1	H/H	93	45117	474	5.04
ASA_GM1_1PNPDE20101017_000825_000002892093_00474_45117_0820.N1						SS1	H/H	93	45117	474	5.04
ASA_GM1_1PNPDE20101017_004008_000000962093_00474_45117_0829.N1						SS1	H/H	93	45117	474	5.04
ASA_GM1_1PNPDE20101017_010613_000003802093_00475_45118_0830.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_011435_000000782093_00475_45118_0831.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_011839_000001992093_00475_45118_0836.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_012925_000004162093_00475_45118_0837.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_013905_000002472093_00475_45118_0838.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_014902_000007492093_00475_45118_0839.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_020628_000000902093_00475_45118_0841.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_020656_000000602093_00475_45118_0860.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_020656_000000602093_00475_45118_0861.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_021342_000007612093_00475_45118_0859.N1						SS1	H/H	93	45118	475	5.04
ASA_GM1_1PNPDE20101017_023506_000003082093_00476_45119_0858.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_024151_000001632093_00476_45119_0857.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_024522_000006282093_00476_45119_0856.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_025727_000004652093_00476_45119_0855.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_031122_000001692093_00476_45119_0868.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_033614_000003442093_00476_45119_0877.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_034557_000004042093_00476_45119_0875.N1						SS1	H/H	93	45119	476	5.04
ASA_GM1_1PNPDE20101017_041320_000011362093_00477_45120_0878.N1						SS1	H/H	93	45120	477	5.04
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ASA_GM1_1PNPDE20101017_051013_000001752093_00477_45120_0899.N1						SS1	H/H	93	45120	477	5.04
ASA_GM1_1PNPDE20101017_052538_000002172093_00477_45120_0900.N1						SS1	H/H	93	45120	477	5.04
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ASA_GM1_1PNPDK20101017_083123_000005012093_00479_45122_2112.N1						SS1	H/H	93	45122	479	5.04
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ASA_GM1_1PNPDK20101017_102814_000001692093_00480_45123_2142.N1						SS1	H/H	93	45123	480	5.04
ASA_GM1_1PNPDK20101017_110109_000006652093_00481_45124_2143.N1						SS1	H/H	93	45124	481	5.04
ASA_GM1_1PNPDK20101017_111054_000001382093_00481_45124_2163.N1						SS1	H/H	93	45124	481	5.04
ASA_GM1_1PNPDK20101017_111512_000001572093_00481_45124_2165.N1						SS1	H/H	93	45124	481	5.04
ASA_GM1_1PNPDK20101017_115235_000001382093_00481_45124_2166.N1						SS1	H/H	93	45124	481	5.04
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ASA_GM1_1PNPDK20101017_121821_000001382093_00481_45124_2169.N1						SS1	H/H	93	45124	481	5.04
ASA_GM1_1PNPDK20101017_122352_000001382093_00481_45124_2174.N1						SS1	H/H	93	45124	481	5.04
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ASA_GM1_1PNPDK20101017_134932_000001632093_00482_45125_2202.N1						SS1	H/H	93	45125	482	5.04
ASA_GM1_1PNPDK20101017_135830_000008342093_00482_45125_2203.N1						SS1	H/H	93	45125	482	5.04
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ASA_GM1_1PNPDE20101017_233043_000001022093_00488_45131_0968.N1						SS1	H/H	93	45131	488	5.04
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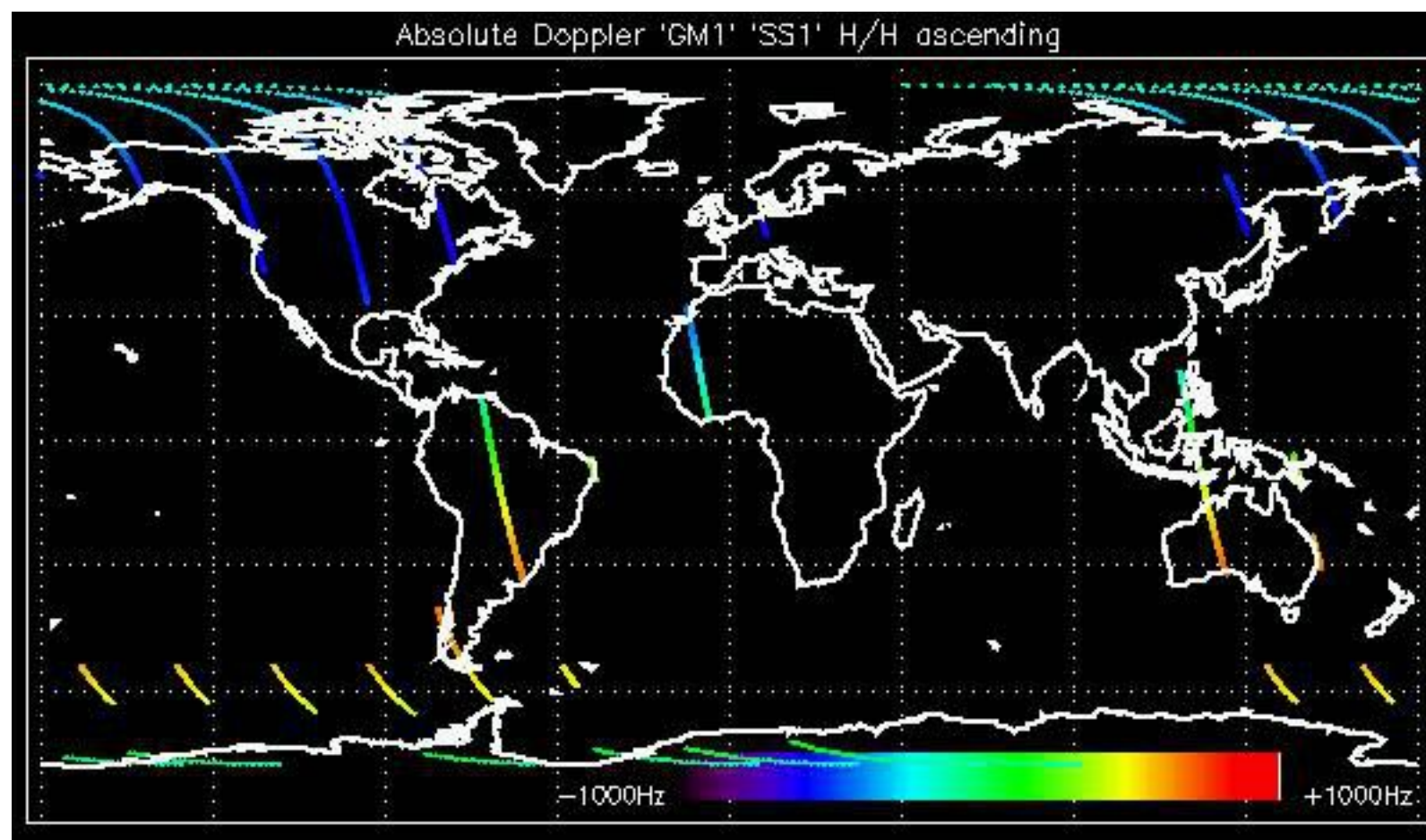
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ASA_IMM_1PNPDE20101017_011231_000001122093_00475_45118_0826.N1						IS2	V/V	93	45118	475	5.04
ASA_IMM_1PNPDE20101017_024432_000000392093_00476_45119_0851.N1						IS1	H/H	93	45119	476	5.04
ASA_IMM_1PNPDE20101017_025623_000000502093_00476_45119_0852.N1						IS2	V/V	93	45119	476	5.04
ASA_IMM_1PNPDE20101017_033209_000002322093_00476_45119_0869.N1						IS2	H/H	93	45119	476	5.04
ASA_IMM_1PNPDE20101017_043212_000001892093_00477_45120_0870.N1						IS2	V/V	93	45120	477	5.04
ASA_IMM_1PNPDE20101017_044134_000000972093_00477_45120_0871.N1						IS2	V/V	93	45120	477	5.04
ASA_IMM_1PNPDE20101017_051306_000001622093_00477_45120_0889.N1						IS2	H/H	93	45120	477	5.04
ASA_IMM_1PNPDE20101017_051636_000003732093_00477_45120_0895.N1						IS2	H/H	93	45120	477	5.04
ASA_IMM_1PNPDE20101017_055500_000000512093_00478_45121_0896.N1						IS2	V/V	93	45121	478	5.04
ASA_IMM_1PNPDE20101017_061920_000000682093_00478_45121_0894.N1						IS2	V/V	93	45121	478	5.04
ASA_IMM_1PNPDE20101017_065651_000000922093_00478_45121_0913.N1						IS2	H/H	93	45121	478	5.04
ASA_IMM_1PNPDE20101017_075226_000000532093_00479_45122_0914.N1						IS2	H/H	93	45122	479	5.04
ASA_IMM_1PNPDK20101017_075540_000001592093_00479_45122_2105.N1						IS2	V/V	93	45122	479	5.04
ASA_IMM_1PNPDK20101017_083945_000002332093_00479_45122_2120.N1						IS2	H/H	93	45122	479	5.04
ASA_IMM_1PNPDE20101017_094256_000003002093_00480_45123_0918.N1						IS2	V/V	93	45123	480	5.04
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ASA_IMM_1PNPDE20101017_113159_000000682093_00481_45124_0921.N1						IS2	V/V	93	45124	481	5.04
ASA_IMM_1PNPDE20101017_115454_000002322093_00481_45124_0923.N1						IS2	H/H	93	45124	481	5.04
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ASA_IMM_1PNPDK20101017_143406_000002432093_00483_45126_2209.N1						IS2	H/H	93	45126	483	5.04
ASA_IMM_1PNPDE20101017_161745_000000682093_00484_45127_0934.N1						IS2	V/V	93	45127	484	5.04
ASA_IMM_1PNPDE20101017_165925_000001612093_00484_45127_0937.N1						IS2	H/H	93	45127	484	5.04
ASA_IMM_1PNPDE20101017_180249_000000532093_00485_45128_0941.N1						IS2	V/V	93	45128	485	5.04
ASA_IMM_1PNPDE20101017_183930_000003022093_00485_45128_0942.N1						IS2	H/H	93	45128	485	5.04
ASA_IMM_1PNPDE20101017_184520_000002332093_00485_45128_0938.N1						IS2	H/H	93	45128	485	5.04
ASA_IMM_1PNPDE20101017_193735_000002332093_00486_45129_0943.N1						IS2	V/V	93	45129	486	5.04
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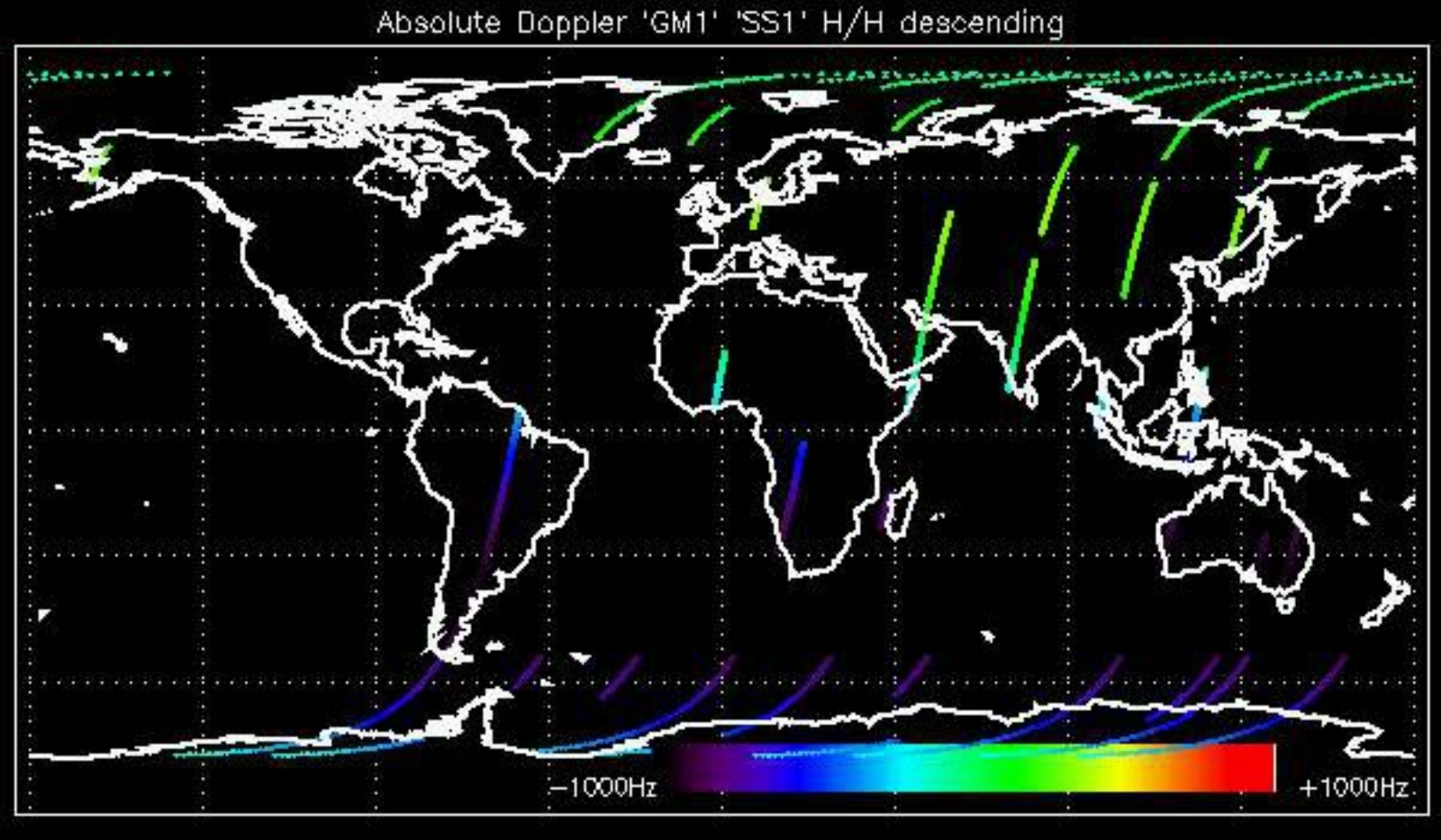
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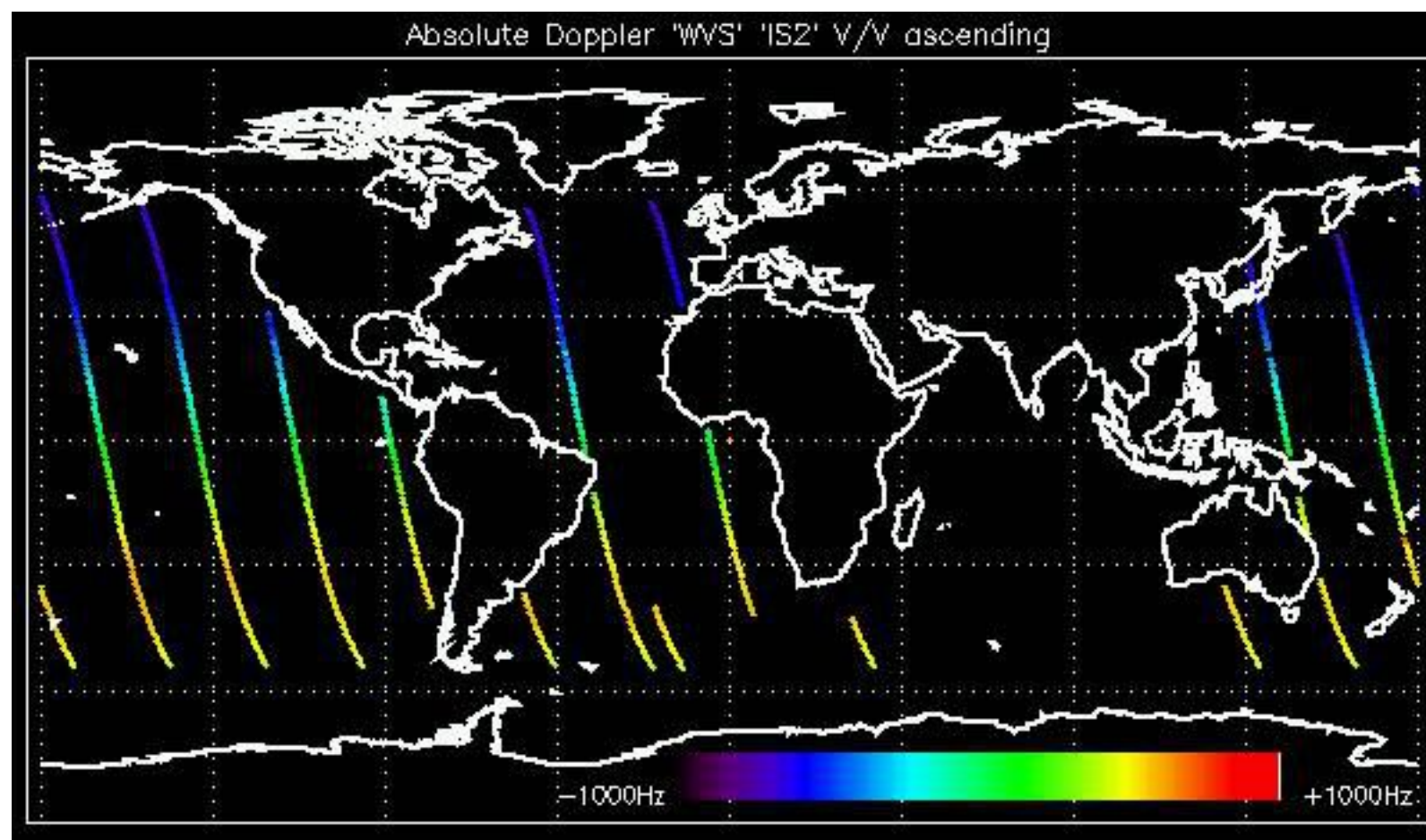


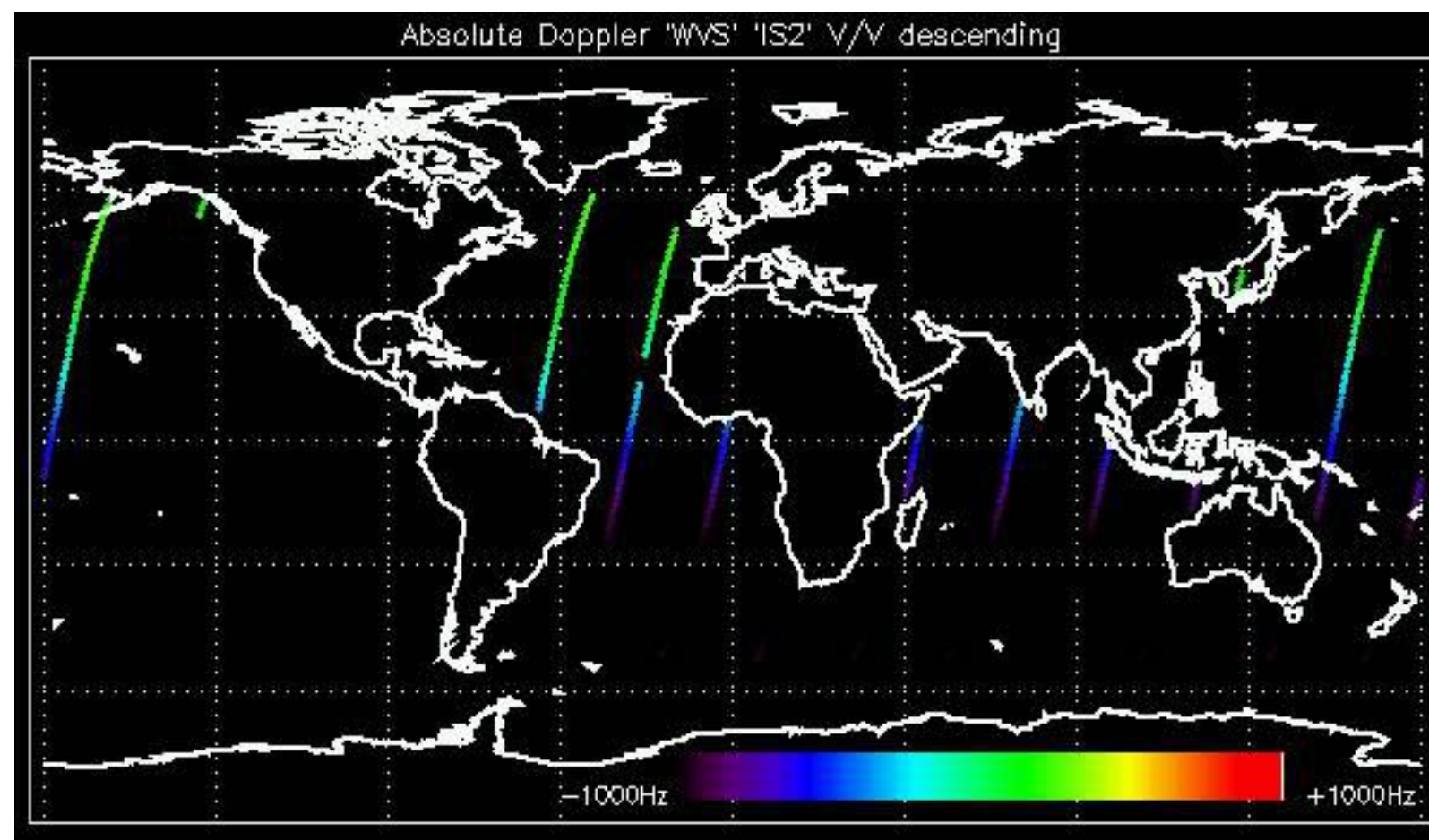
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ASA_WSM_1PNPDE20101017_005911_000004222093_00475_45118_0825.N1						SS1	H/H	93	45118	475	5.04
ASA_WSM_1PNPDE20101017_011601_000001532093_00475_45118_0827.N1						SS1	H/H	93	45118	475	5.04
ASA_WSM_1PNPDK20101017_012422_000002882093_00475_45118_2197.N1						SS1	V/V	93	45118	475	5.04
ASA_WSM_1PNPDE20101017_020136_000002882093_00475_45118_0835.N1						SS1	H/H	93	45118	475	5.04
ASA_WSM_1PNPDK20101017_022628_000005142093_00476_45119_2057.N1						SS1	V/V	93	45119	476	5.04
ASA_WSM_1PNPDE20101017_022744_000000982093_00476_45119_0848.N1						SS1	V/V	93	45119	476	5.04
ASA_WSM_1PNPDE20101017_023225_000001102093_00476_45119_0849.N1						SS1	V/V	93	45119	476	5.04
ASA_WSM_1PNPDE20101017_024017_000000922093_00476_45119_0850.N1						SS1	V/V	93	45119	476	5.04
ASA_WSM_1PNPDE20101017_030513_000003672093_00476_45119_0853.N1						SS1	H/H	93	45119	476	5.04
ASA_WSM_1PNPDE20101017_034202_000002322093_00476_45119_0873.N1						SS1	H/H	93	45119	476	5.04
ASA_WSM_1PNPDK20101017_040900_000002512093_00477_45120_2070.N1						SS1	V/V	93	45120	477	5.04
ASA_WSM_1PNPDE20101017_040906_000001842093_00477_45120_0874.N1						SS1	V/V	93	45120	477	5.04
ASA_WSM_1PNPDE20101017_052329_000001222093_00477_45120_0897.N1						SS1	H/H	93	45120	477	5.04
ASA_WSM_1PNPDK20101017_061148_000002882093_00478_45121_2072.N1						SS1	H/H	93	45121	478	5.04
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ASA_WSM_1PNPDE20101017_102326_000002882093_00480_45123_0920.N1						SS1	H/H	93	45123	480	5.04
ASA_WSM_1PNPDK20101017_111317_000001102093_00481_45124_2150.N1						SS1	H/H	93	45124	481	5.04
ASA_WSM_1PNPDK20101017_111753_000002942093_00481_45124_2151.N1						SS1	H/H	93	45124	481	5.04
ASA_WSM_1PNPDK20101017_120442_000002512093_00481_45124_2238.N1						SS1	H/H	93	45124	481	5.04
ASA_WSM_1PNPDK20101017_124508_000002082093_00482_45125_2182.N1						SS1	H/H	93	45125	482	5.04
ASA_WSM_1PNPDK20101017_125804_000001842093_00482_45125_2181.N1						SS1	H/H	93	45125	482	5.04
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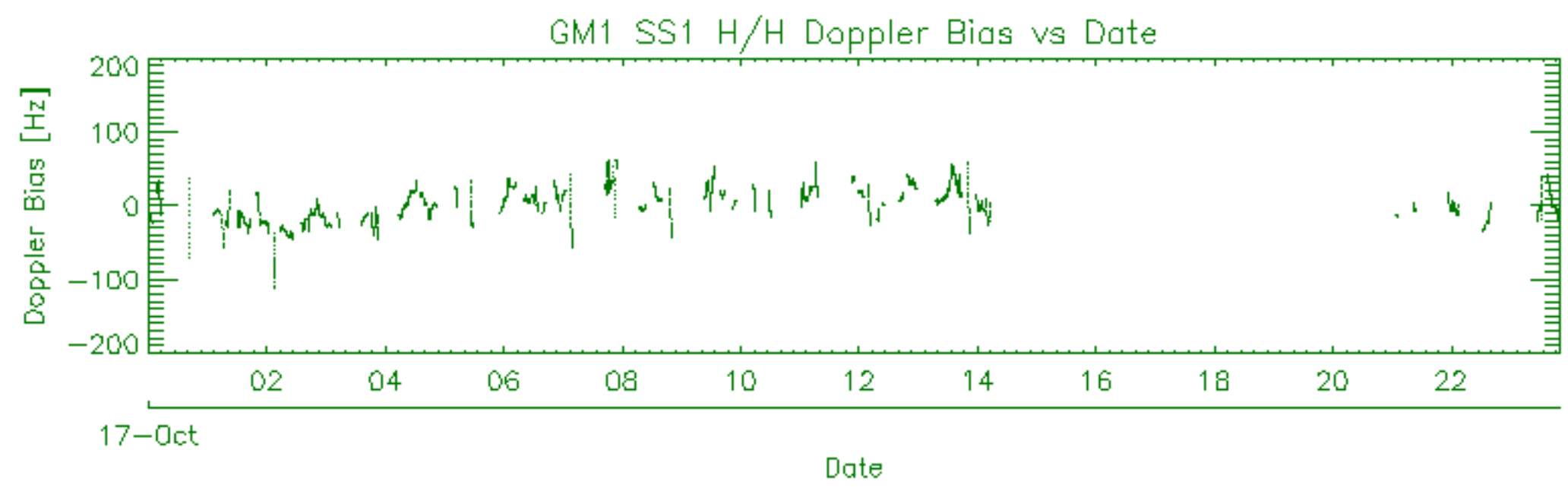
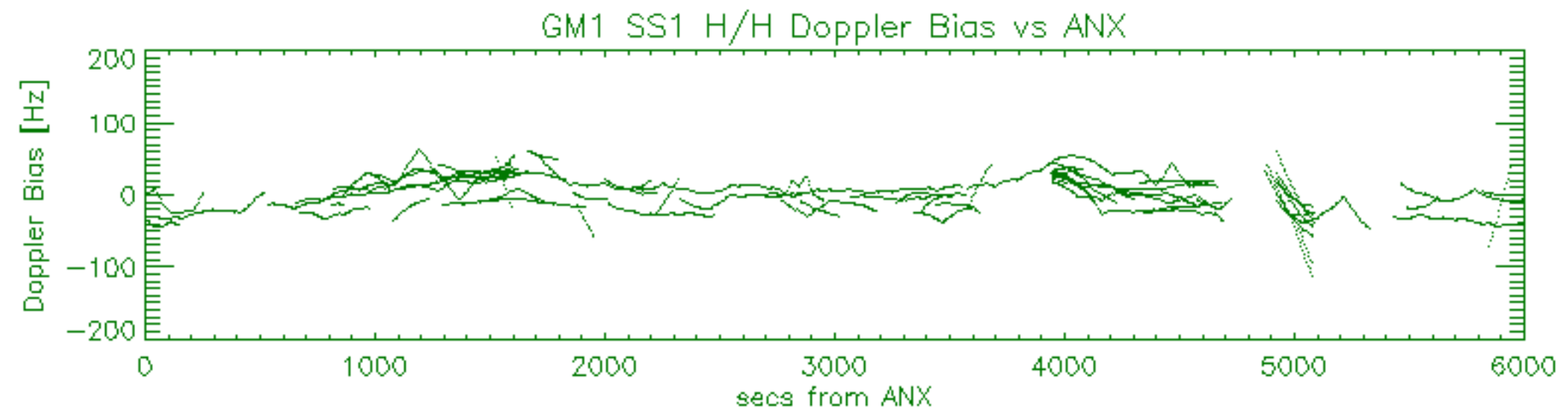
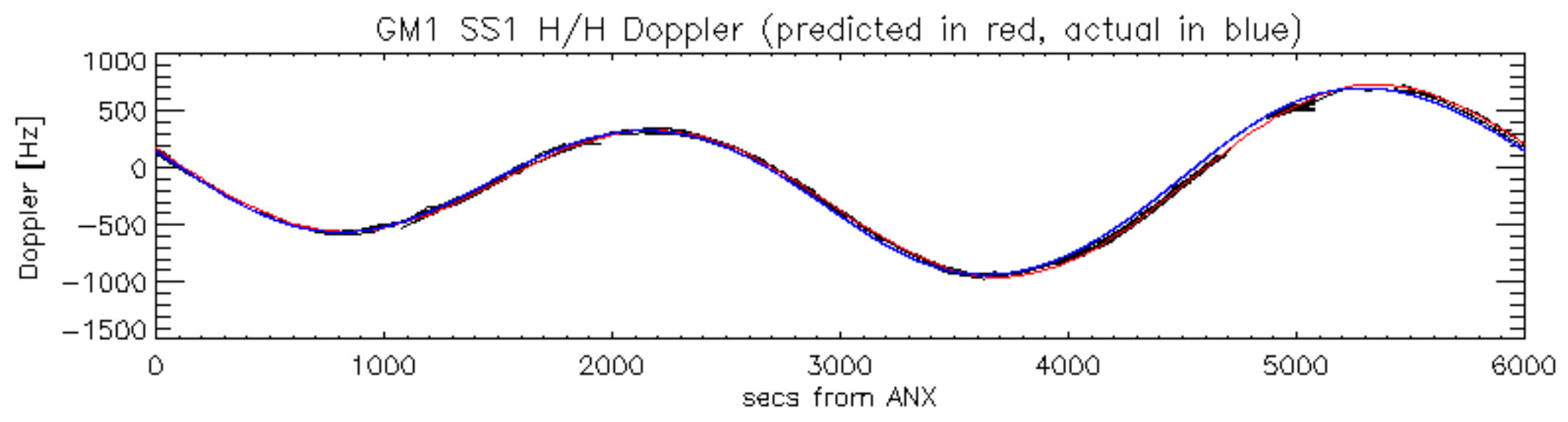
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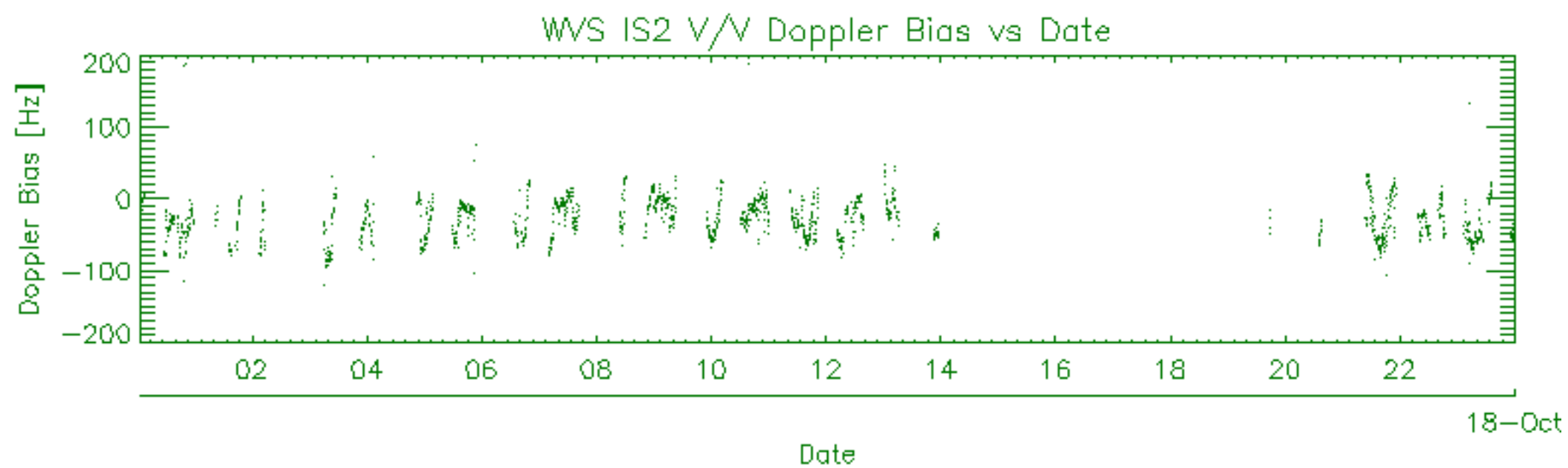
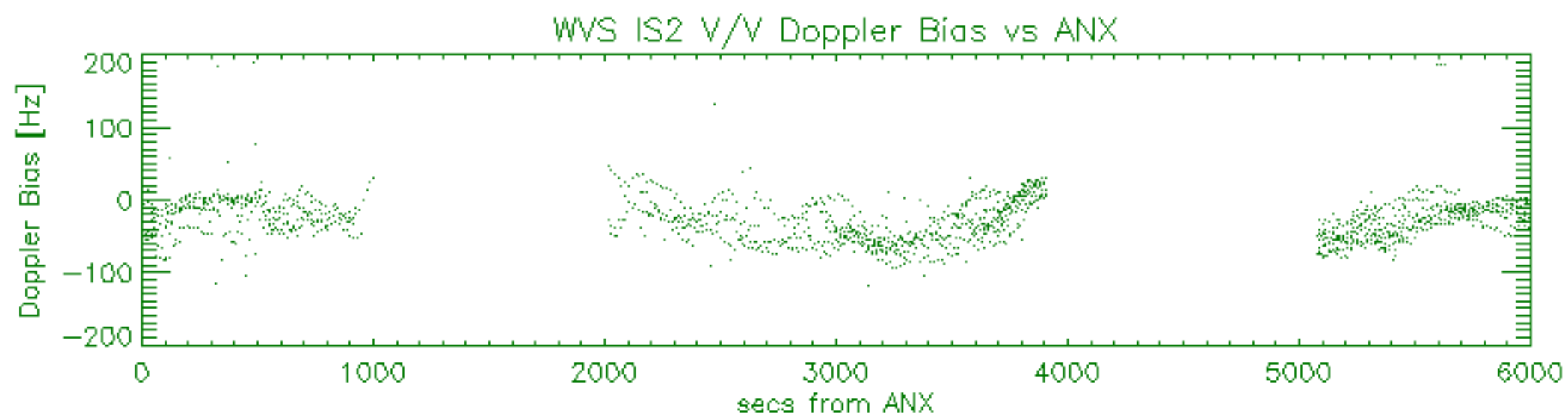
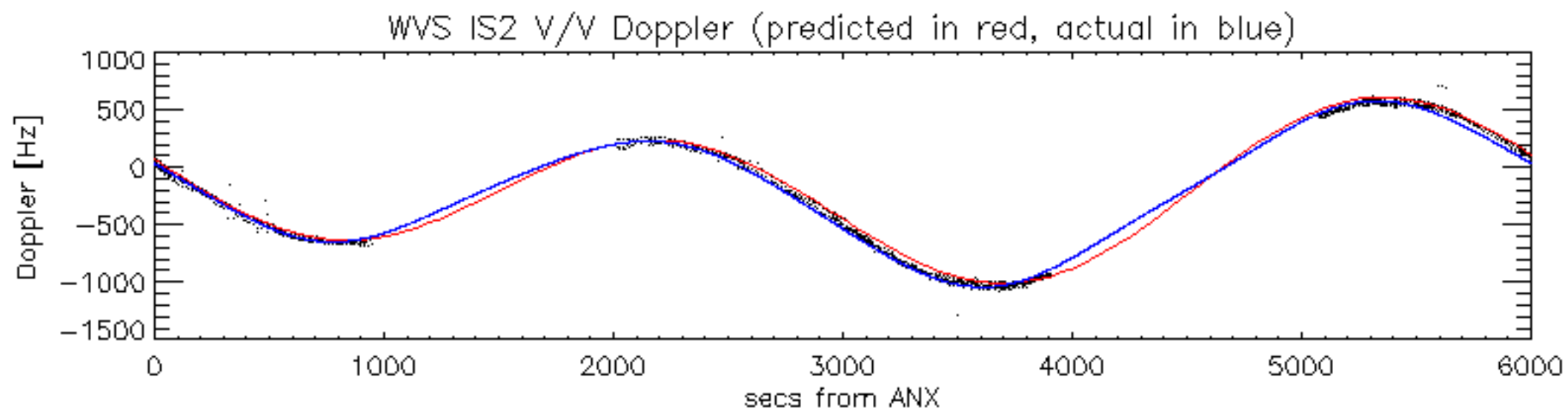


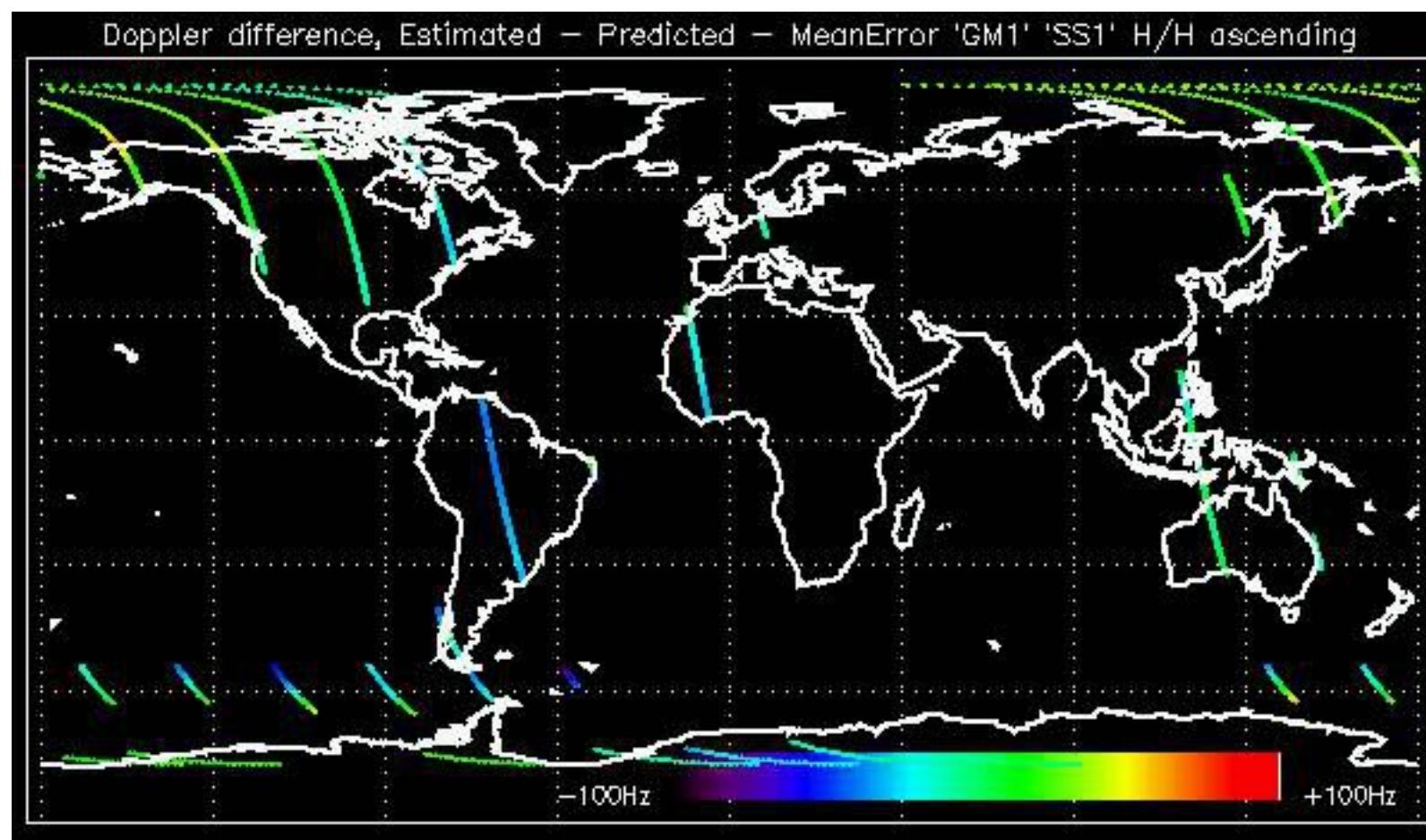


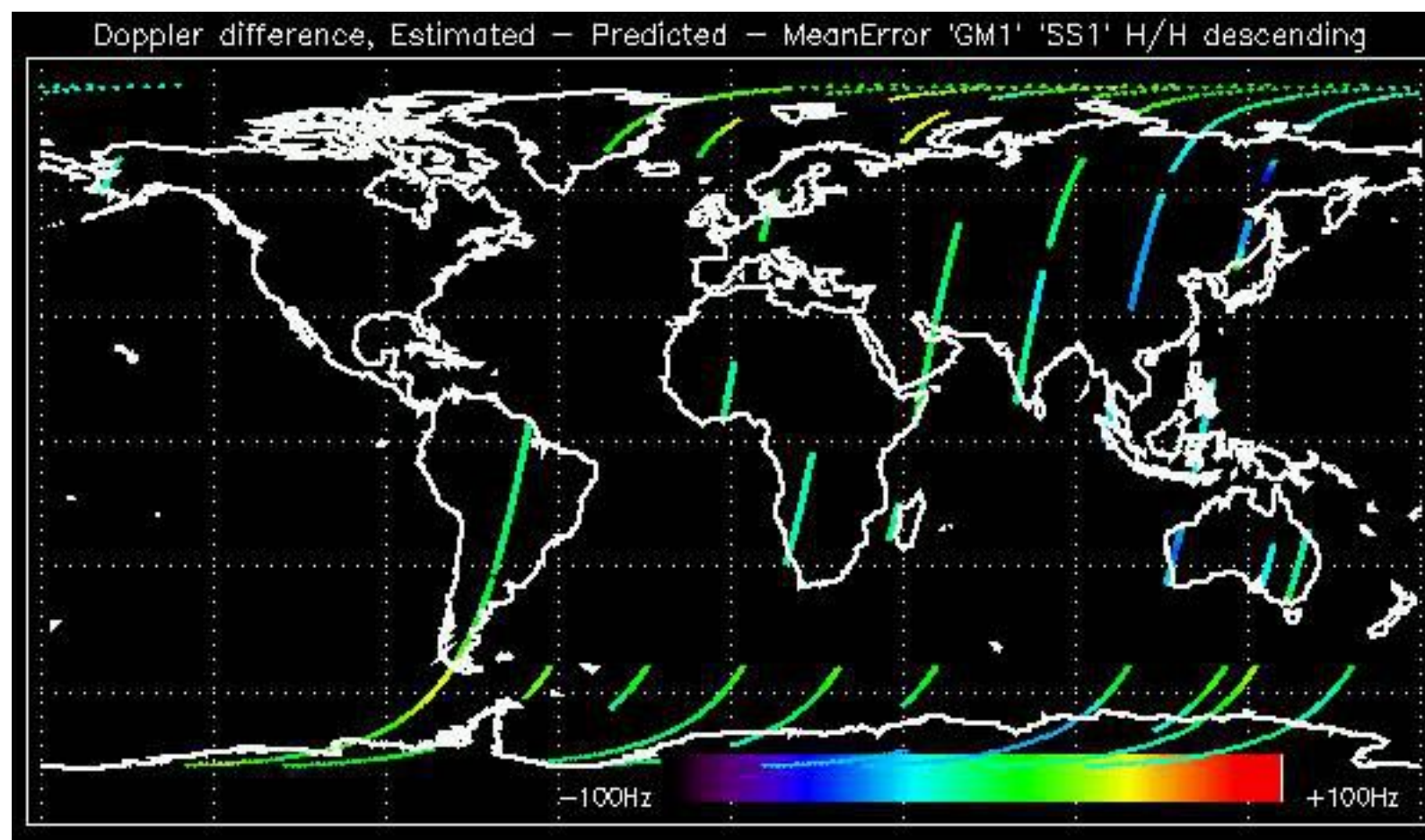


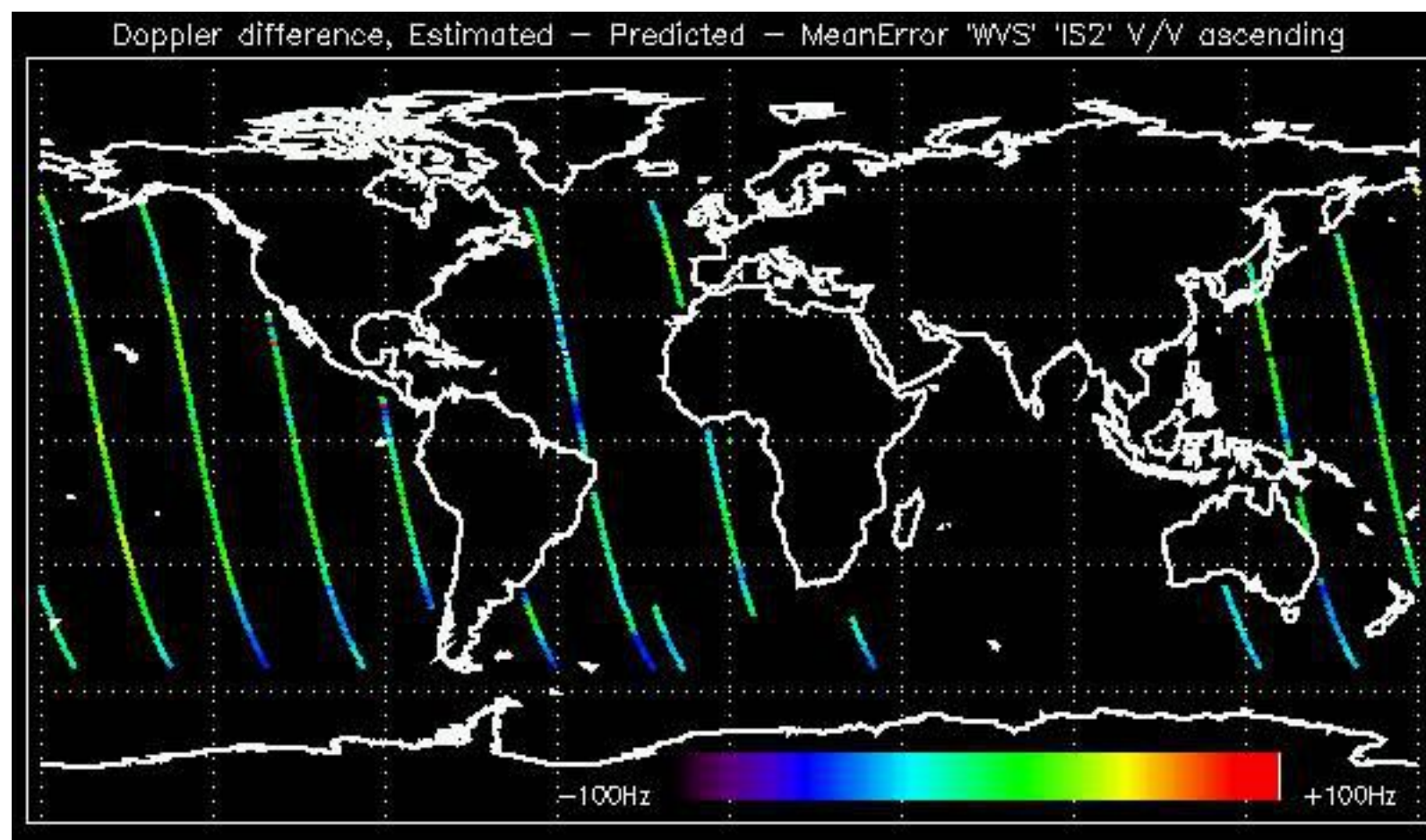


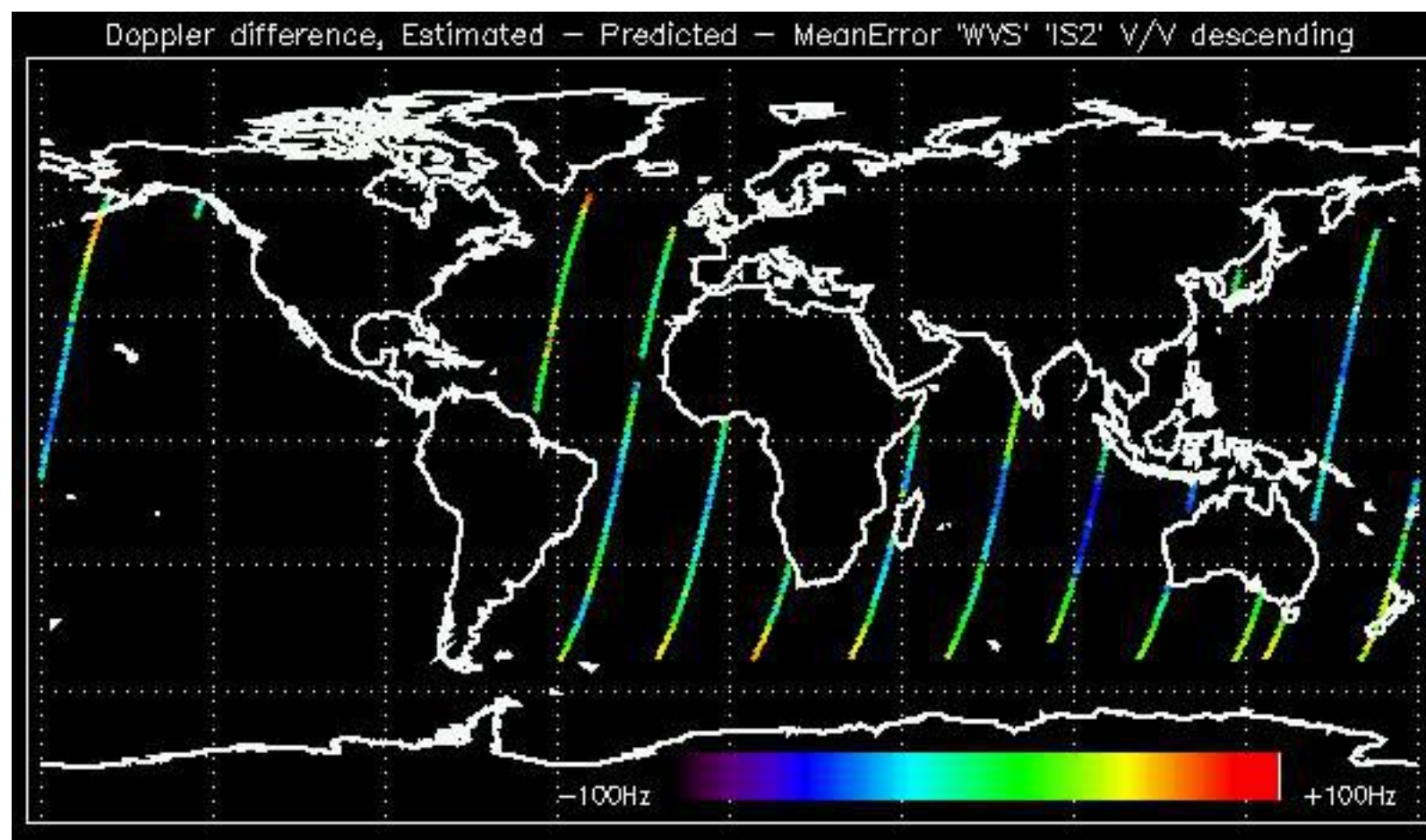


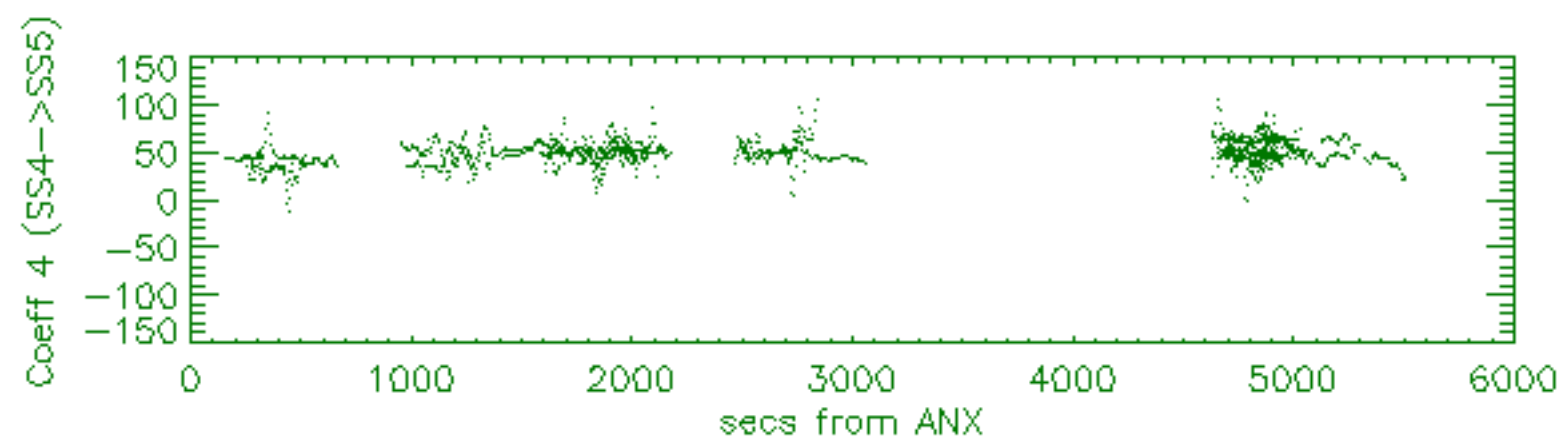
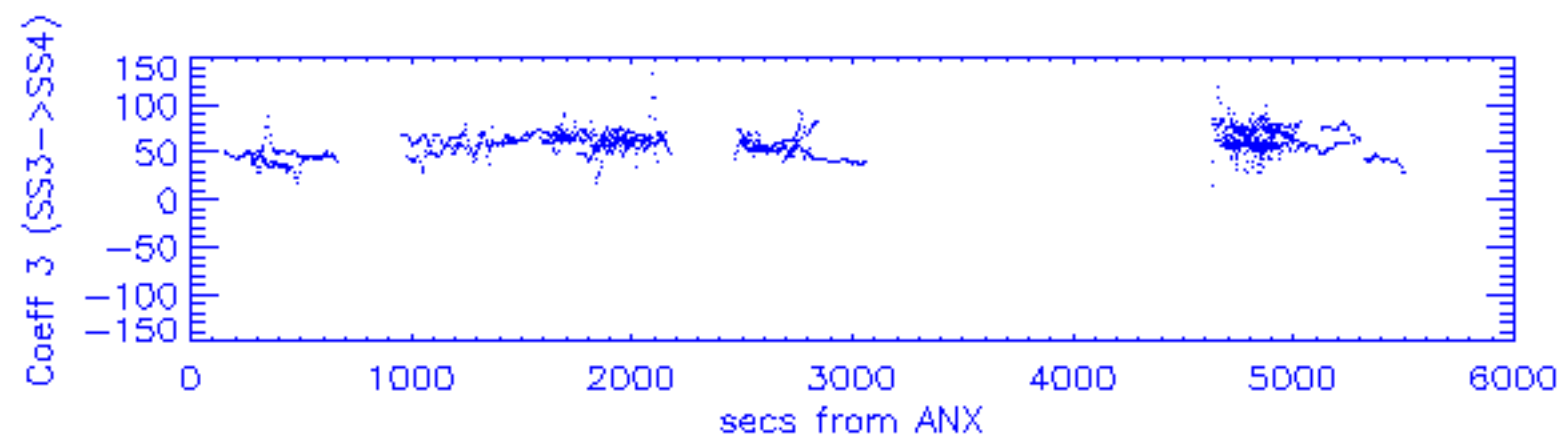
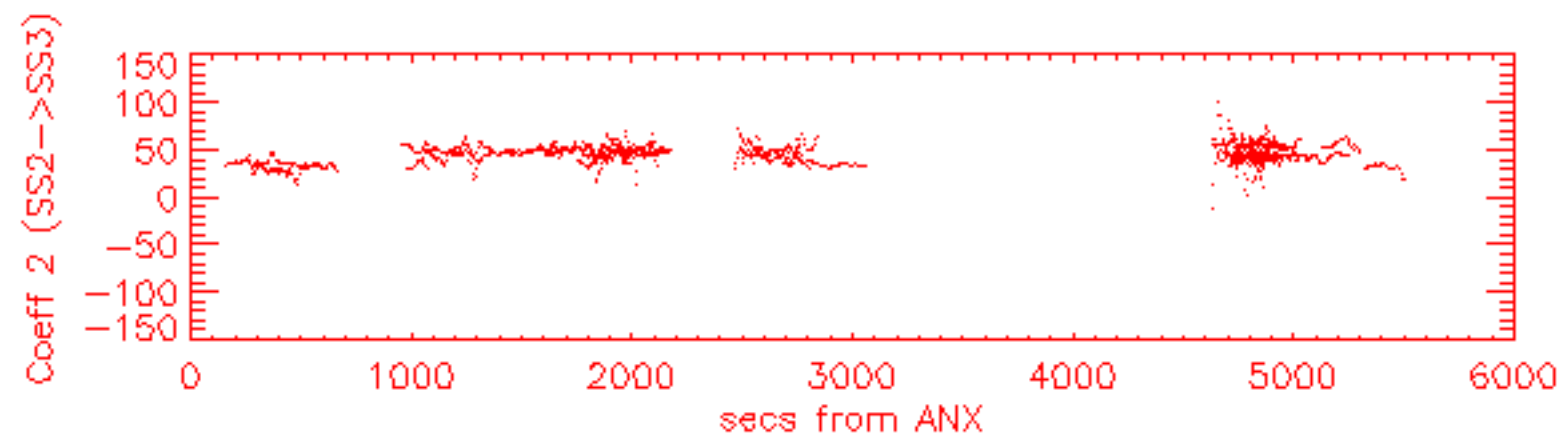
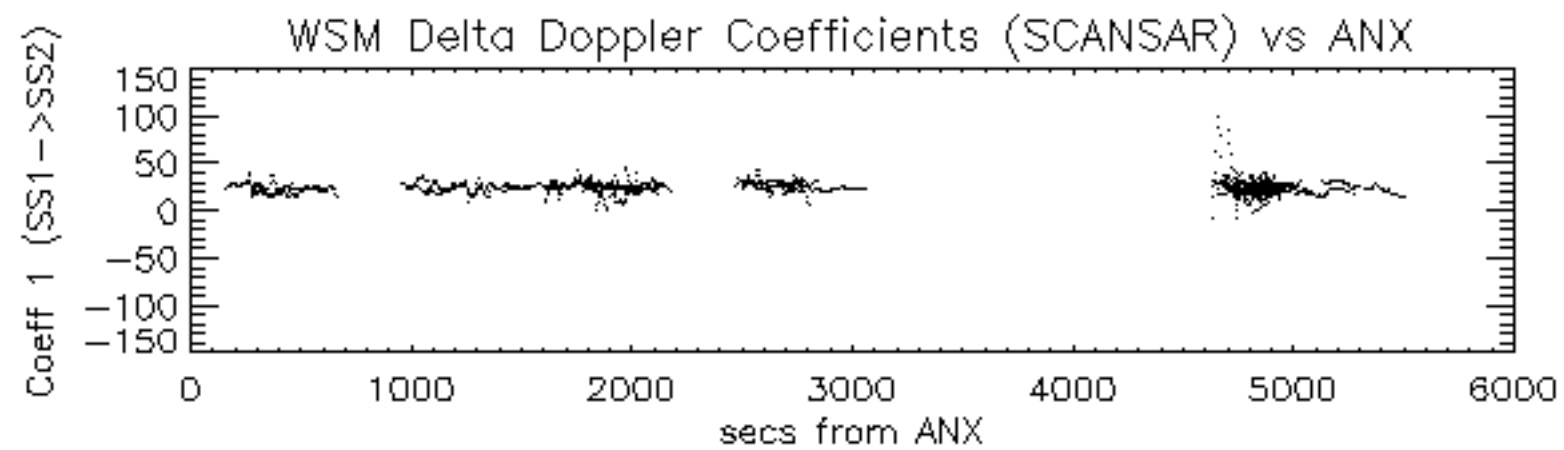


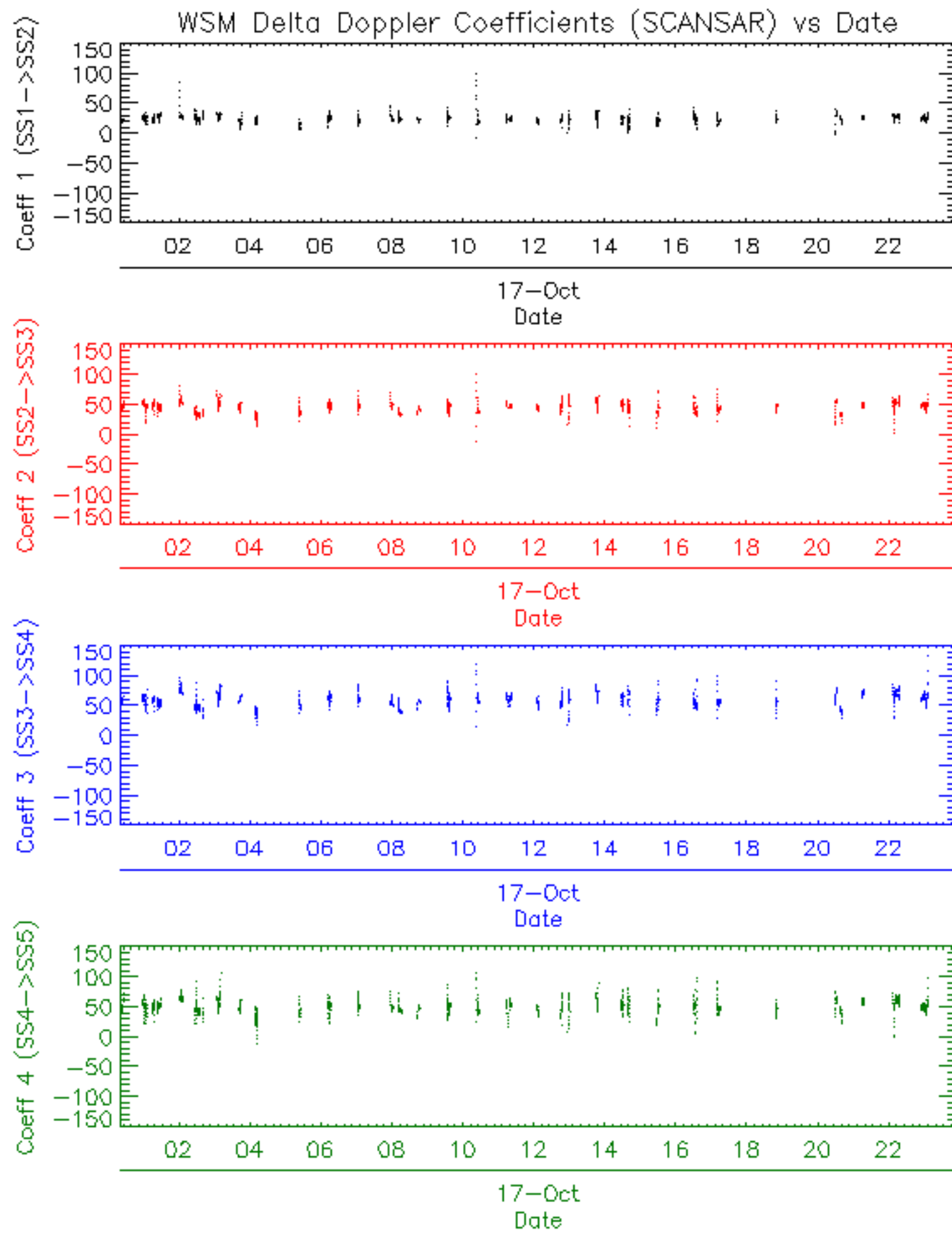


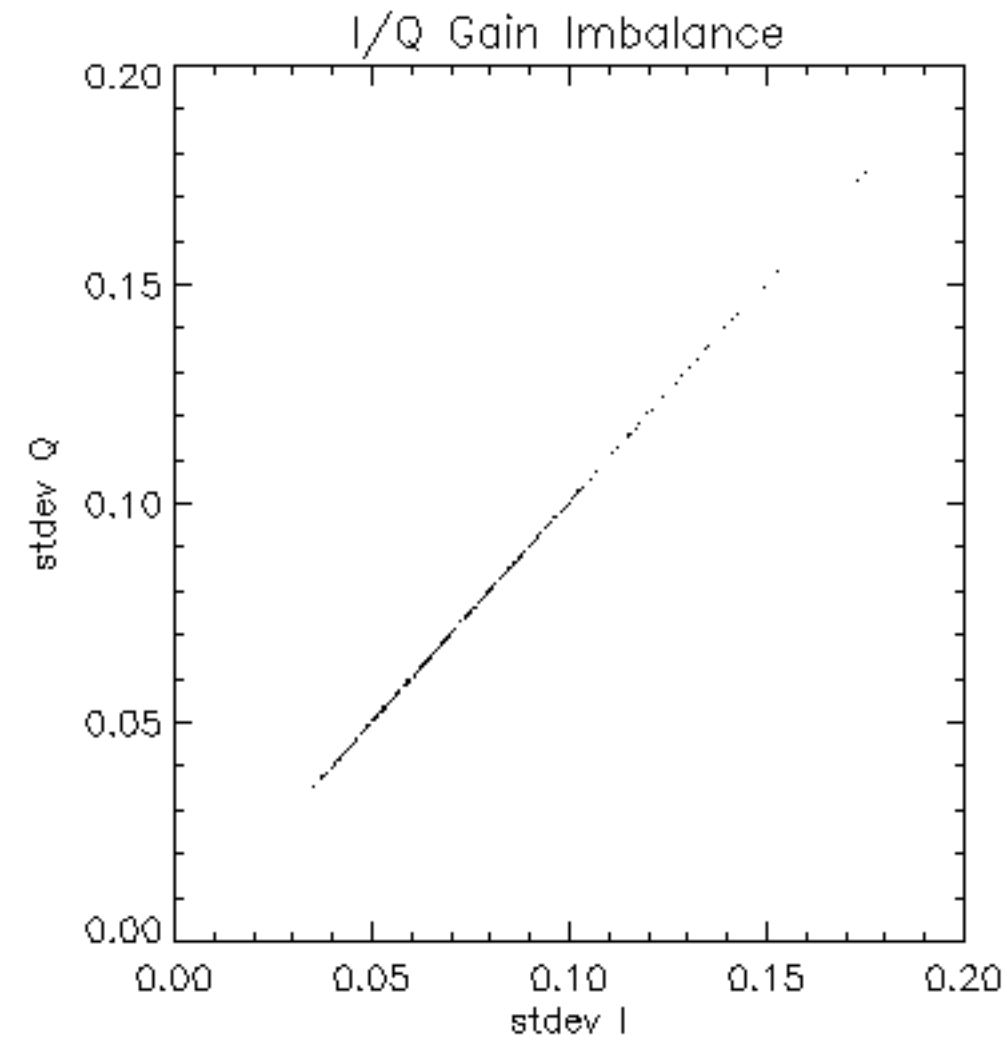


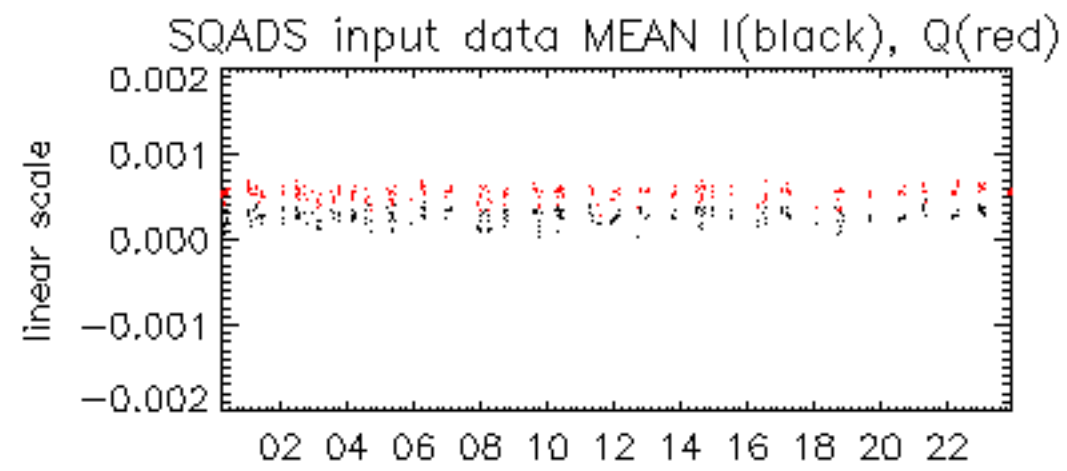




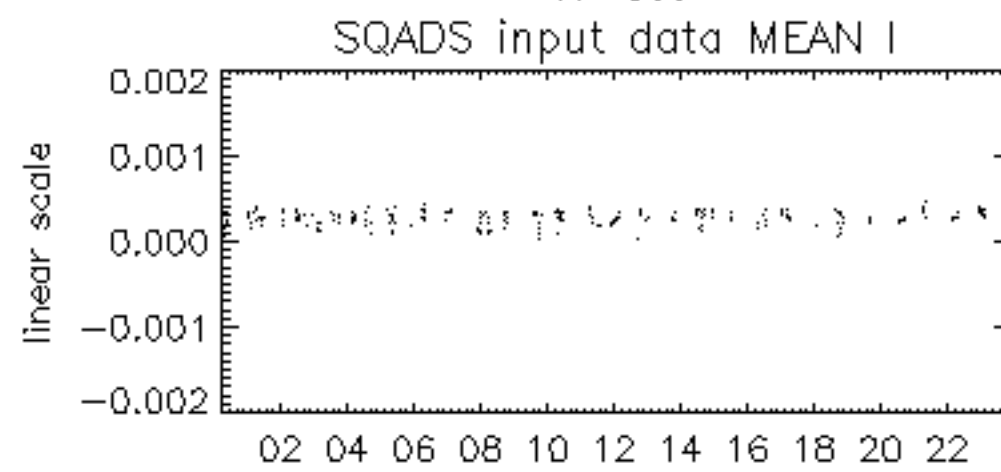




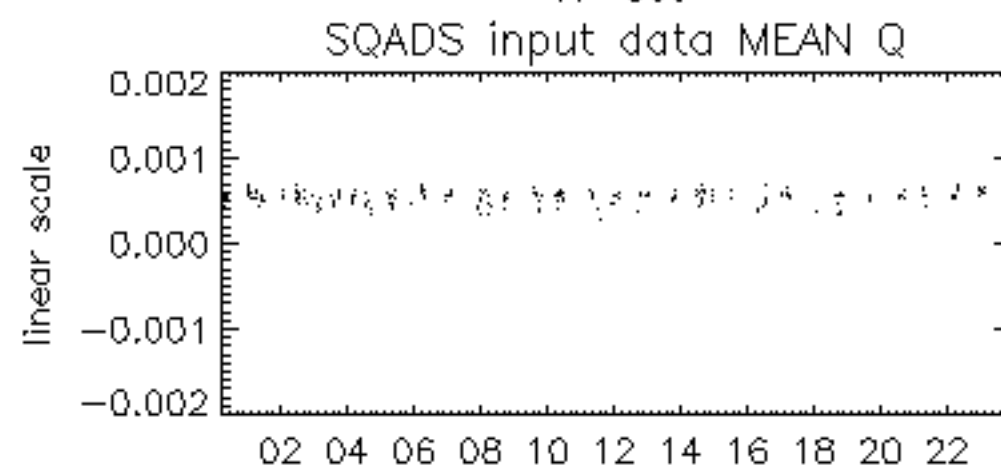




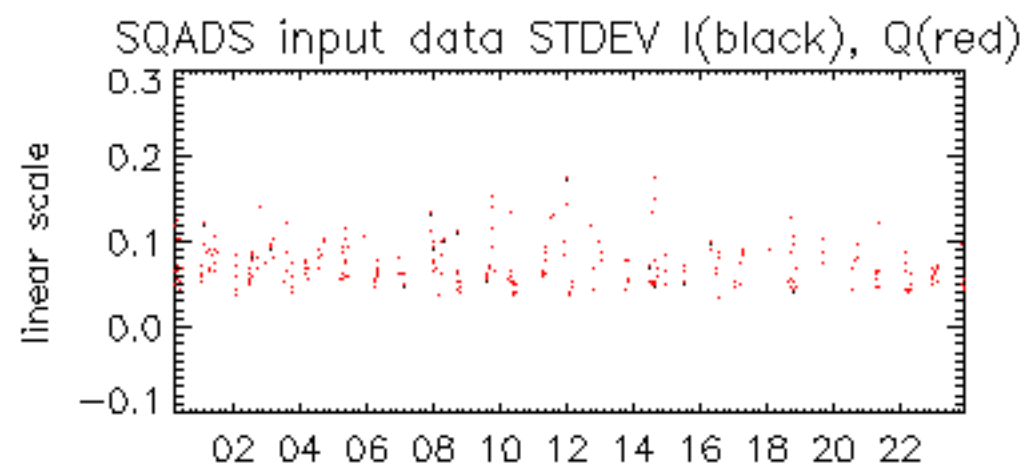
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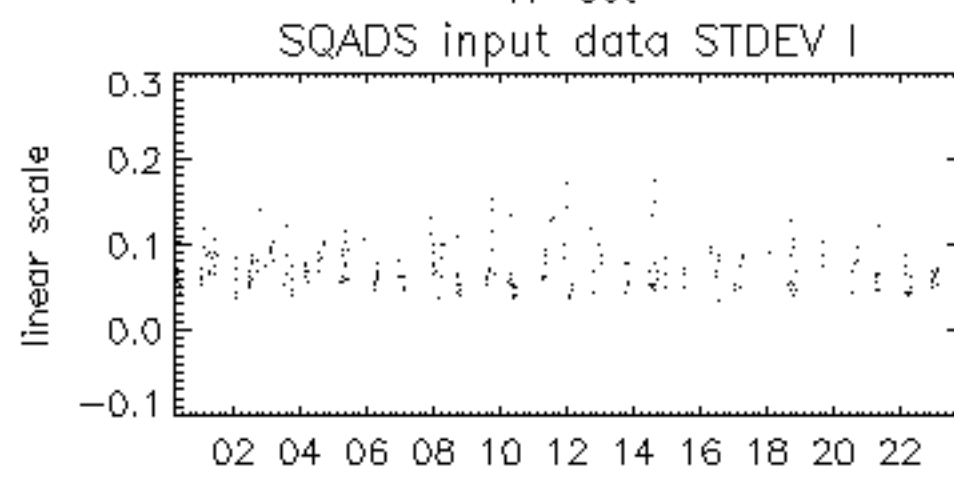
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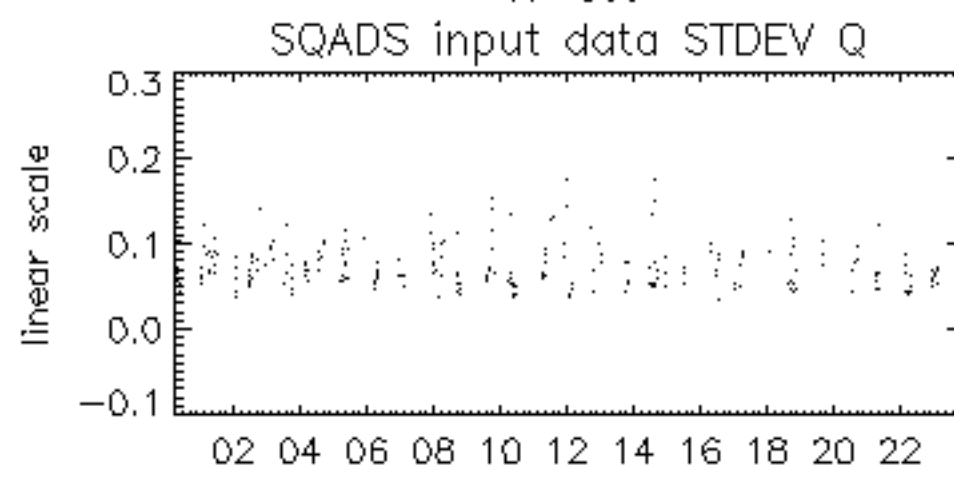
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