



Analysis from 19-DEC-2011 00:00:00 to 19-DEC-2011 23:59:59. Page generated on 20-DEC-2011 06:31:41.
View log file: ASAR_Daily_Report_20111220_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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SUMMARY

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

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	1	PDE	WS	H/H	25	PDE	IS1	V/V	1	PDE	IS2	V/V	1	PDE	WS	H/H	28	PDE	2011-12-19 06:02:30	H	320
PDE	IS2	V/V	18	PDK	WS	H/H	46	PDE	IS2	H/H	1	PDE	IS5	V/V	1	PDE	WS	V/V	6	PDK	2011-12-19 07:42:44	V	320
PDK	IS2	V/V	23					PDE	IS2	H/V	1	PDE	IS6	H/H	3	PDK	WS	H/H	13				
								PDE	IS4	H/H	3	PDE	IS6	V/V	1	PDK	WS	V/V	3				
								PDE	IS7	H/H	1	PDK	IS6	***	1								
												PDK	IS6	H/H	1								

1.2 - Lists of products used

[[BACK TO MENU](#)]

[\[TXT\]](#) [\[XLS\]](#) List_WVS_products_used
[\[TXT\]](#) [\[XLS\]](#) List_GM1_products_used
[\[TXT\]](#) [\[XLS\]](#) List_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

[[BACK TO MENU](#)]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

2.2 - Products with wrong ADFs

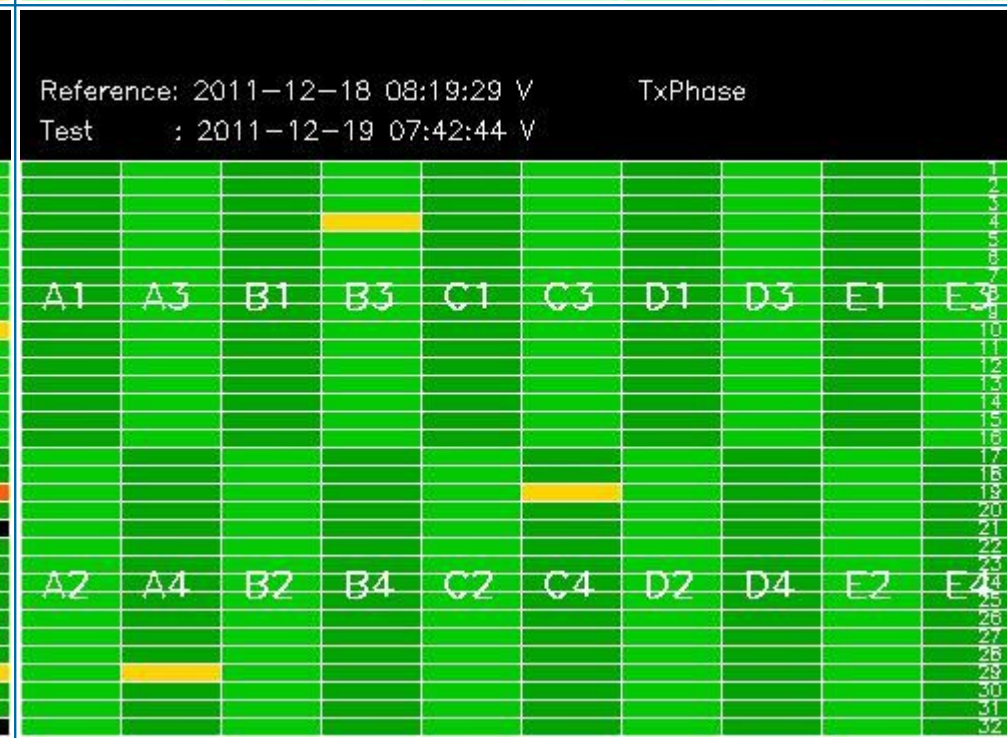
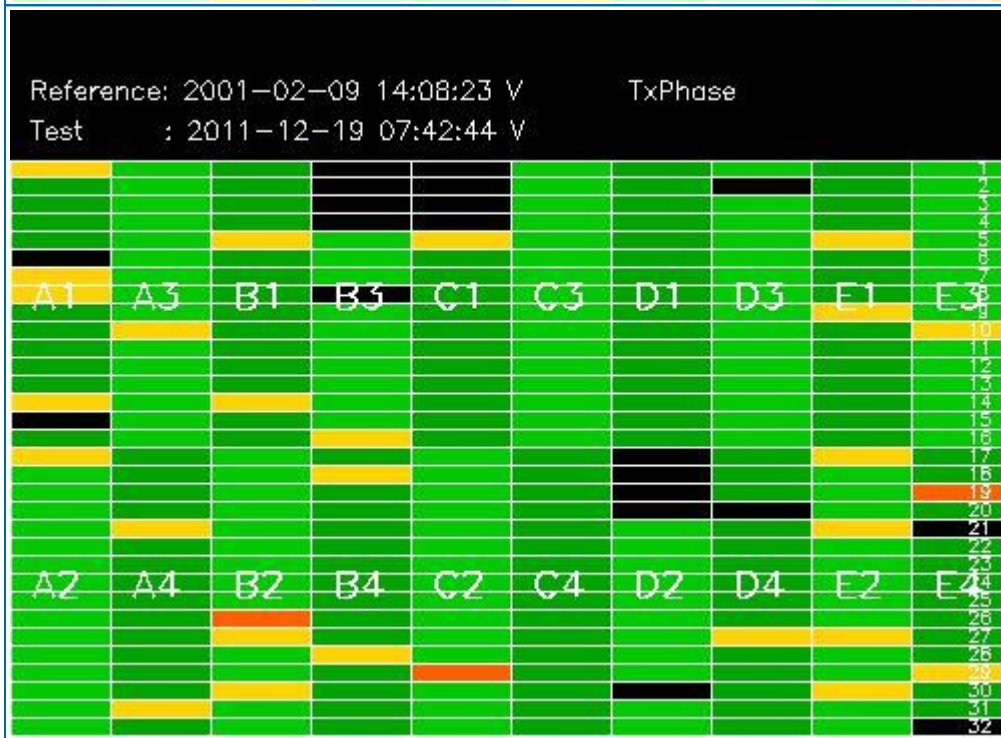
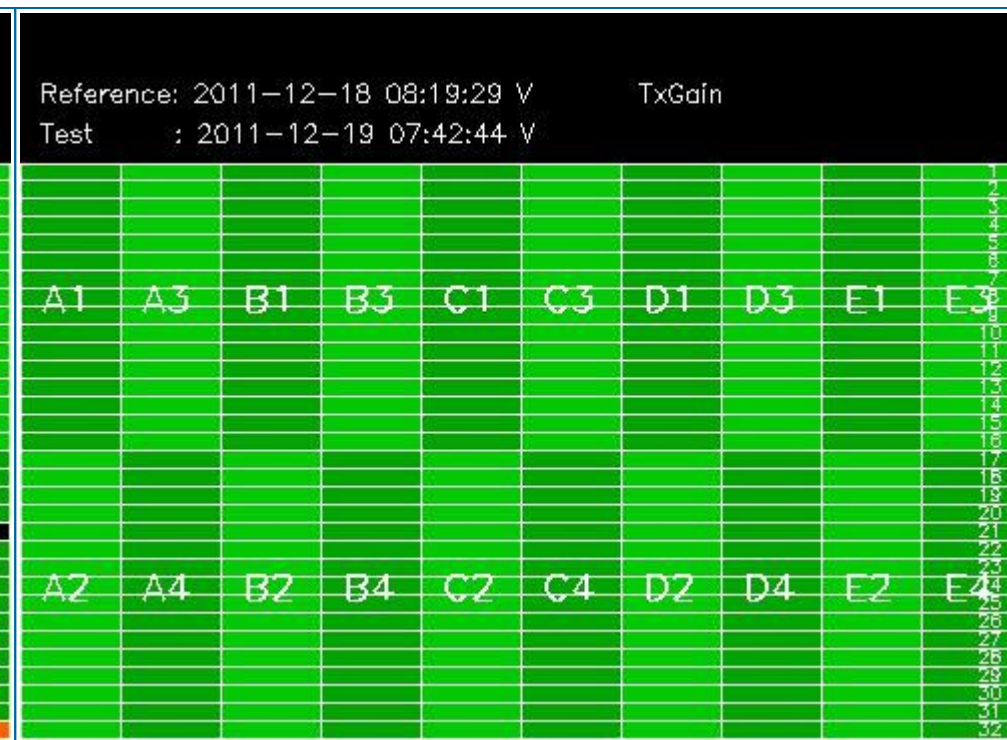
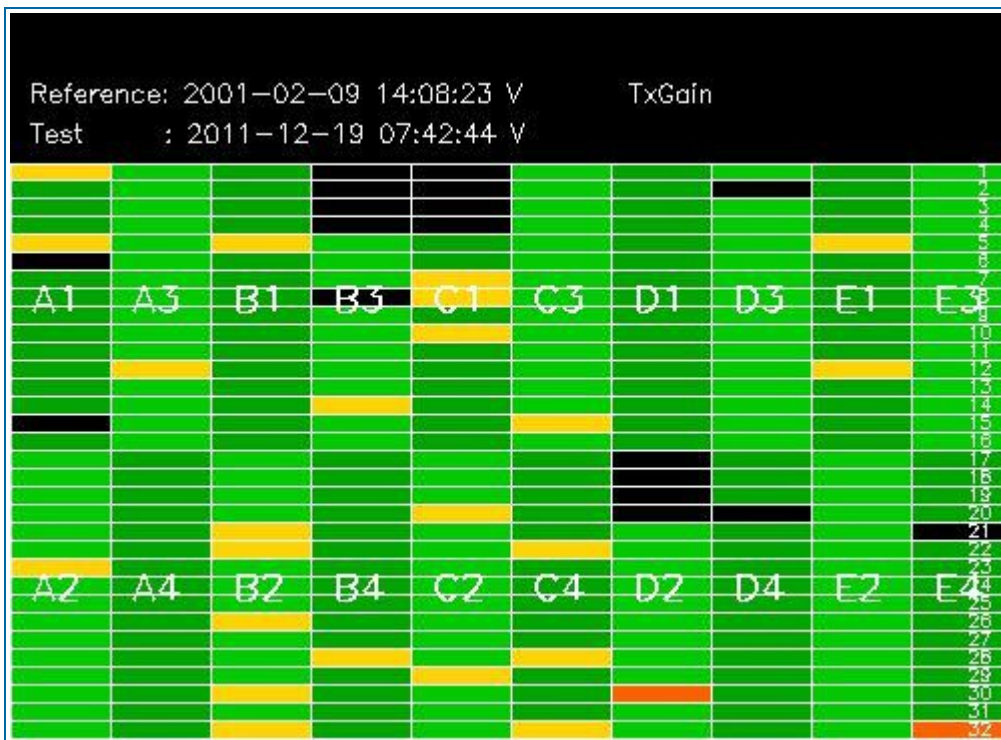
[[BACK TO MENU](#)]

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

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

3 - MODULE STEPPING PRODUCTS ANALYSIS





3.2 - H/H polarisation

[[BACK TO MENU](#)]

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 : 2011-12-19 06:02:30 H



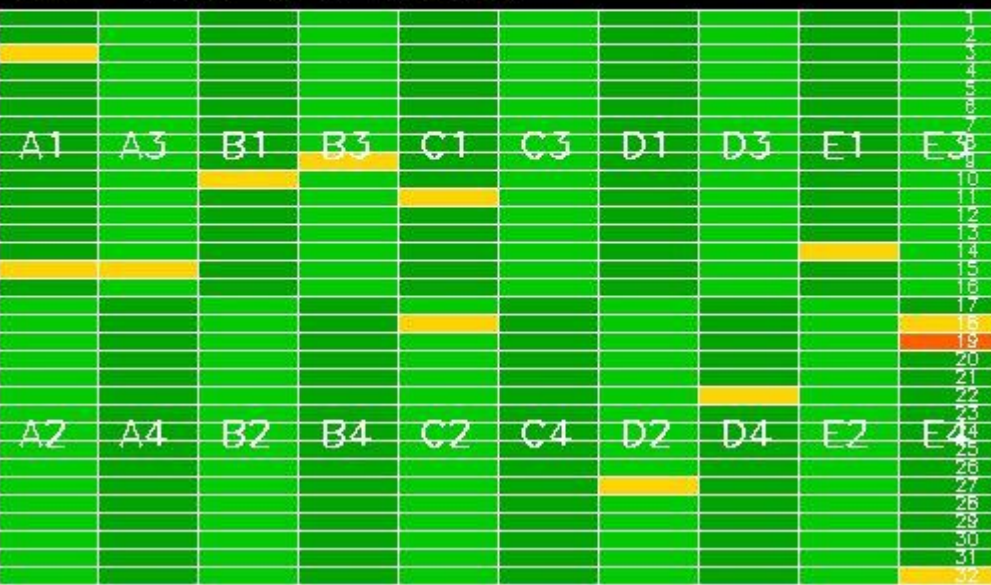
Reference: 2011-12-18 06:39:15 H RxGain
 Test : 2011-12-19 06:02:30 H

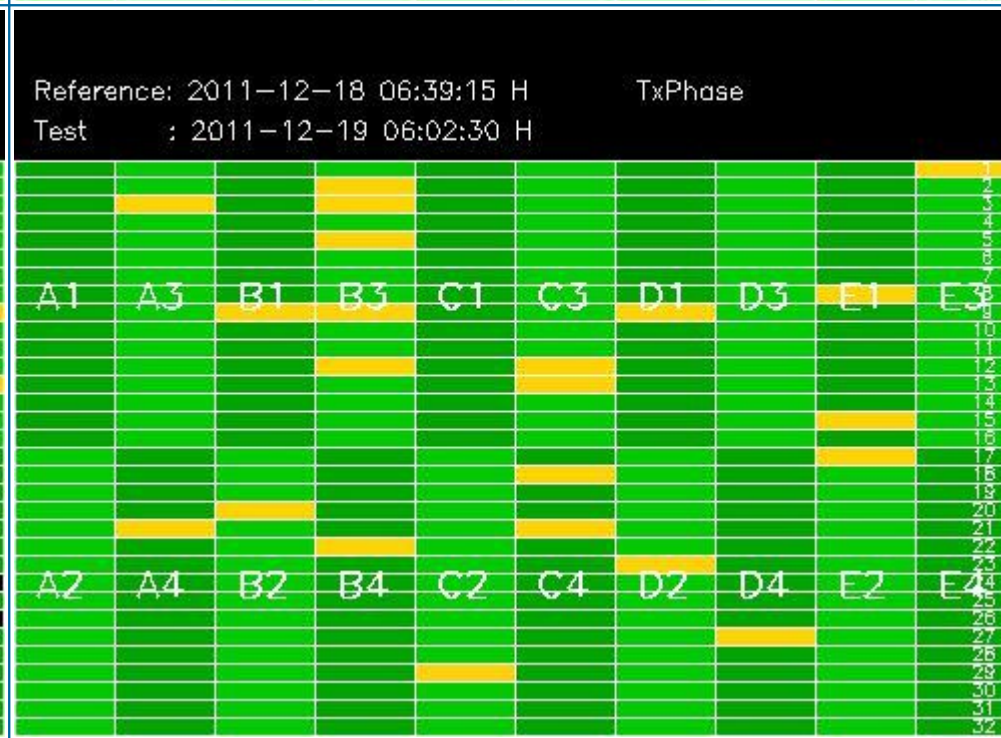
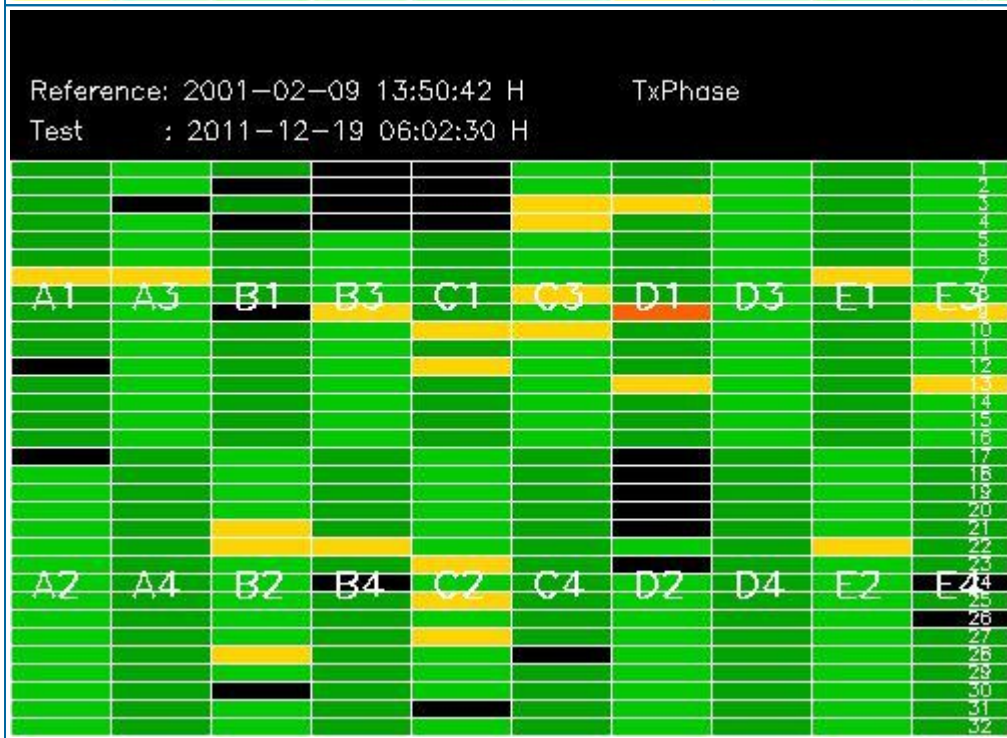
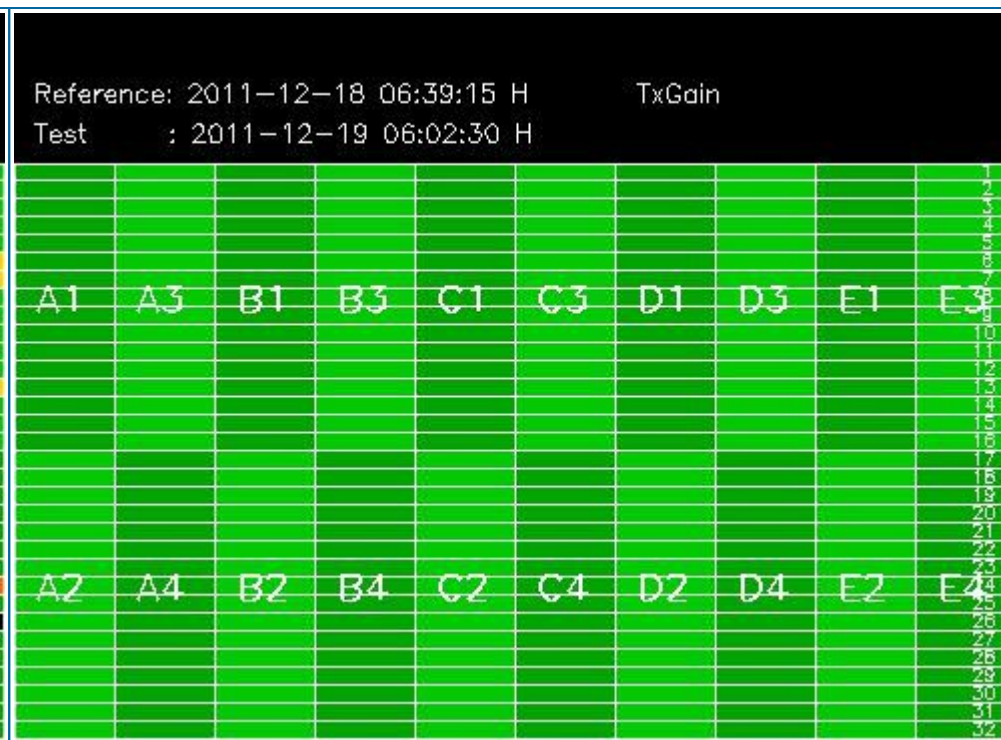
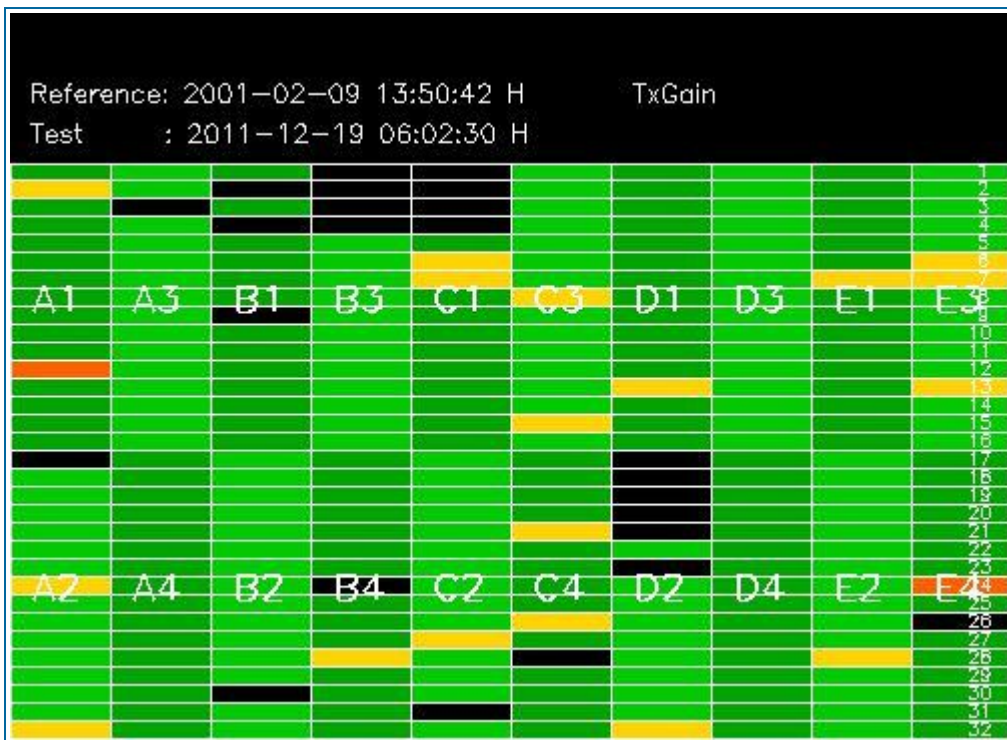


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2011-12-19 06:02:30 H



Reference: 2011-12-18 06:39:15 H RxPhase
 Test : 2011-12-19 06:02:30 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

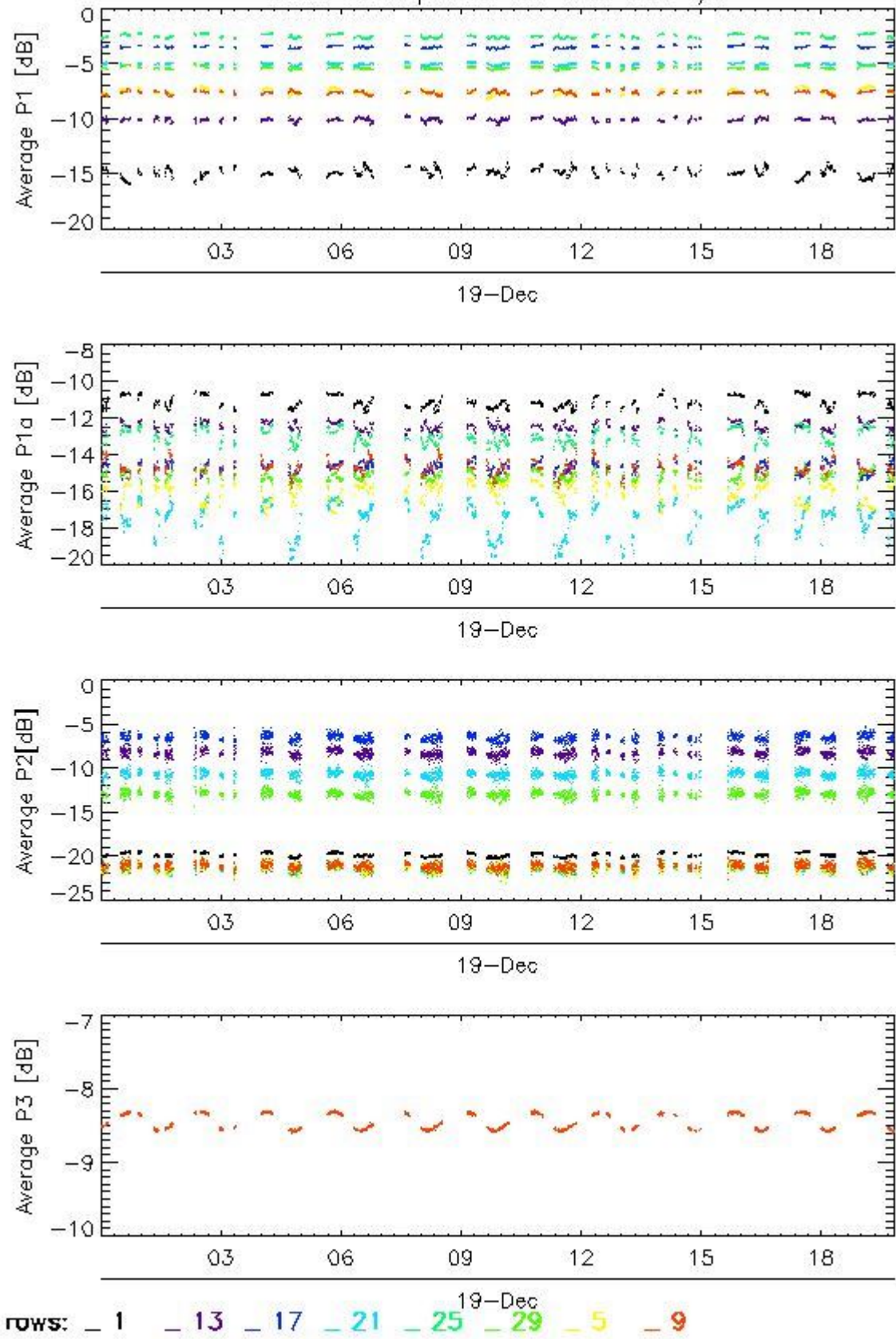
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

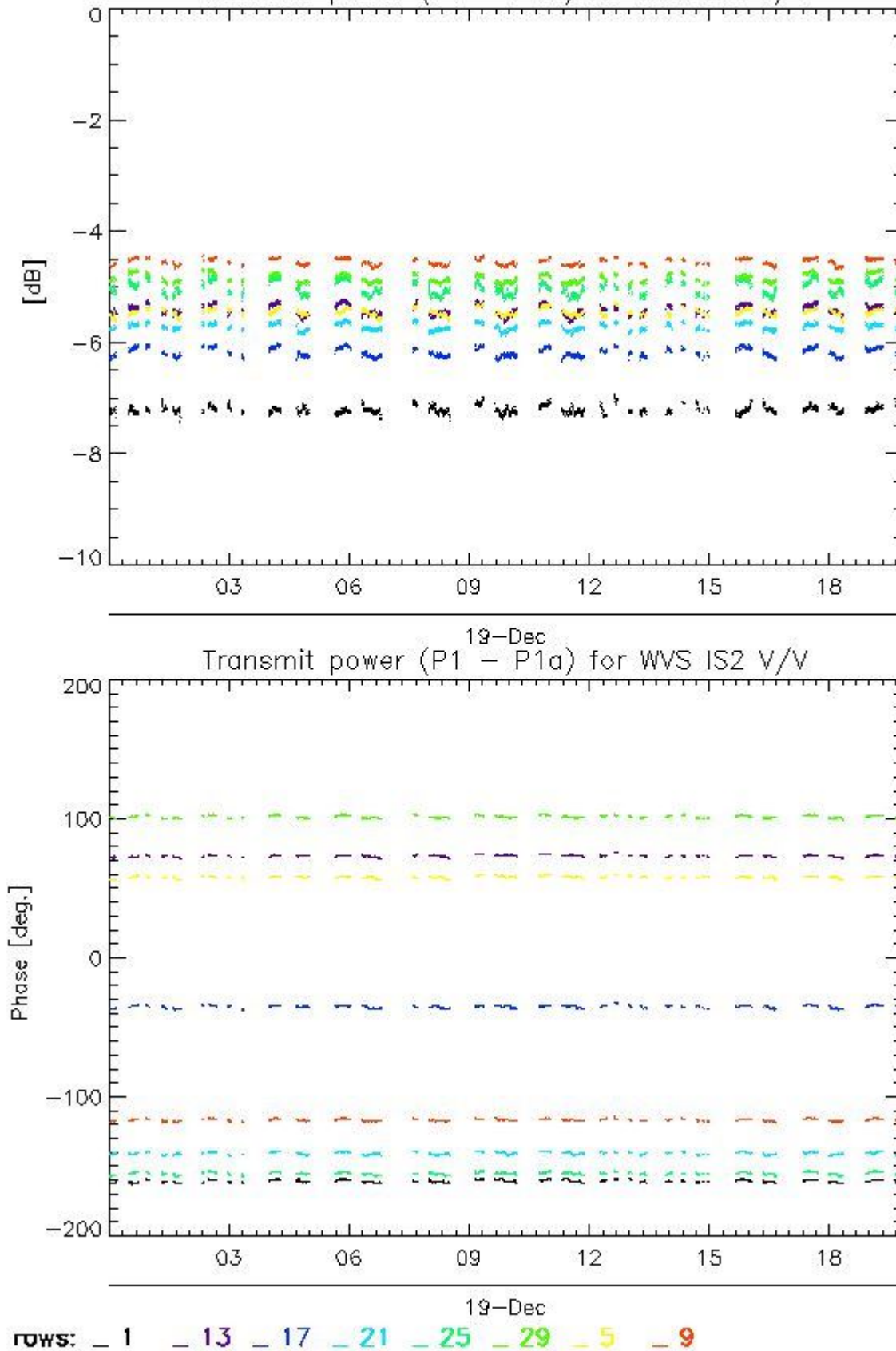
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



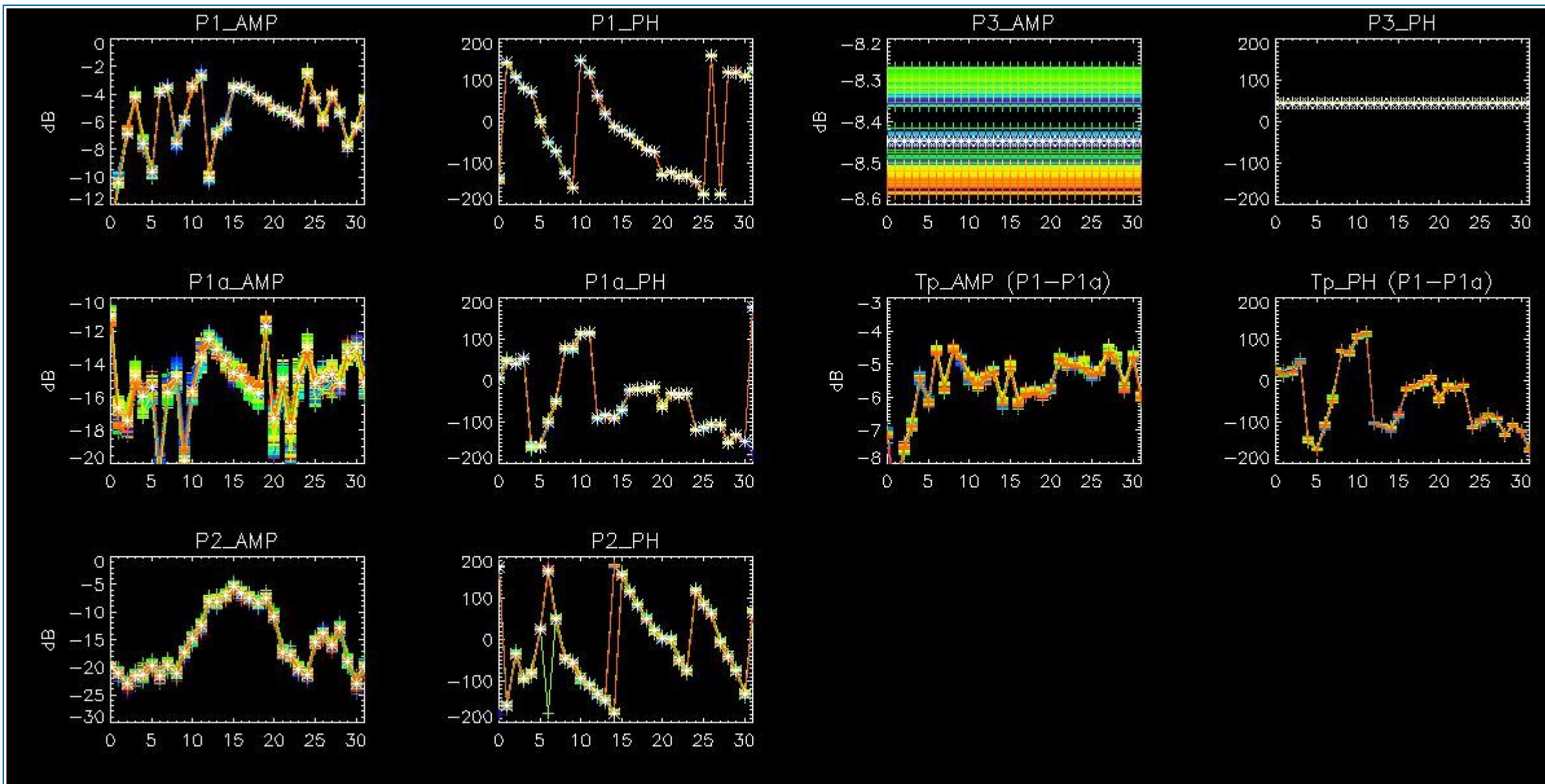
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

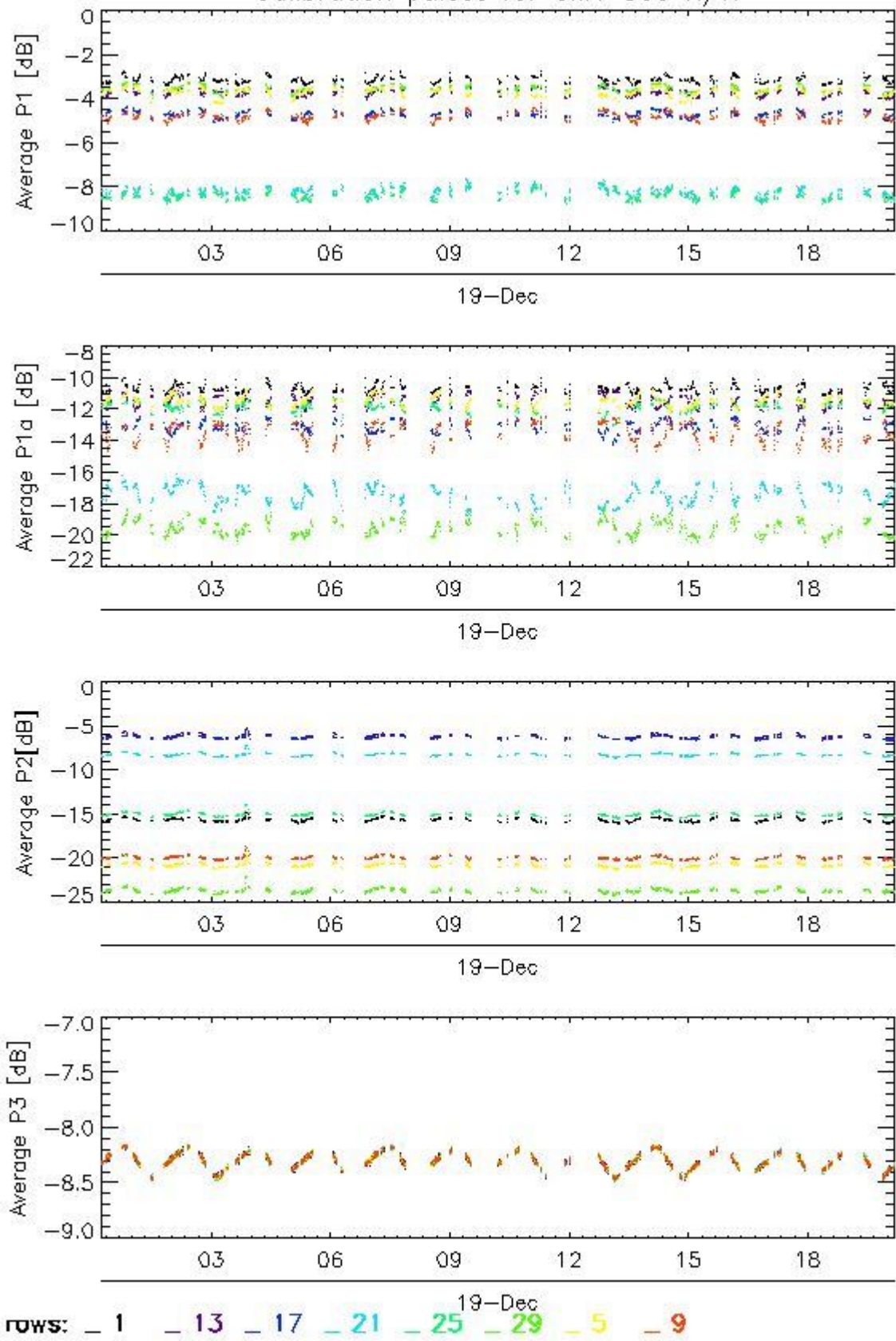
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

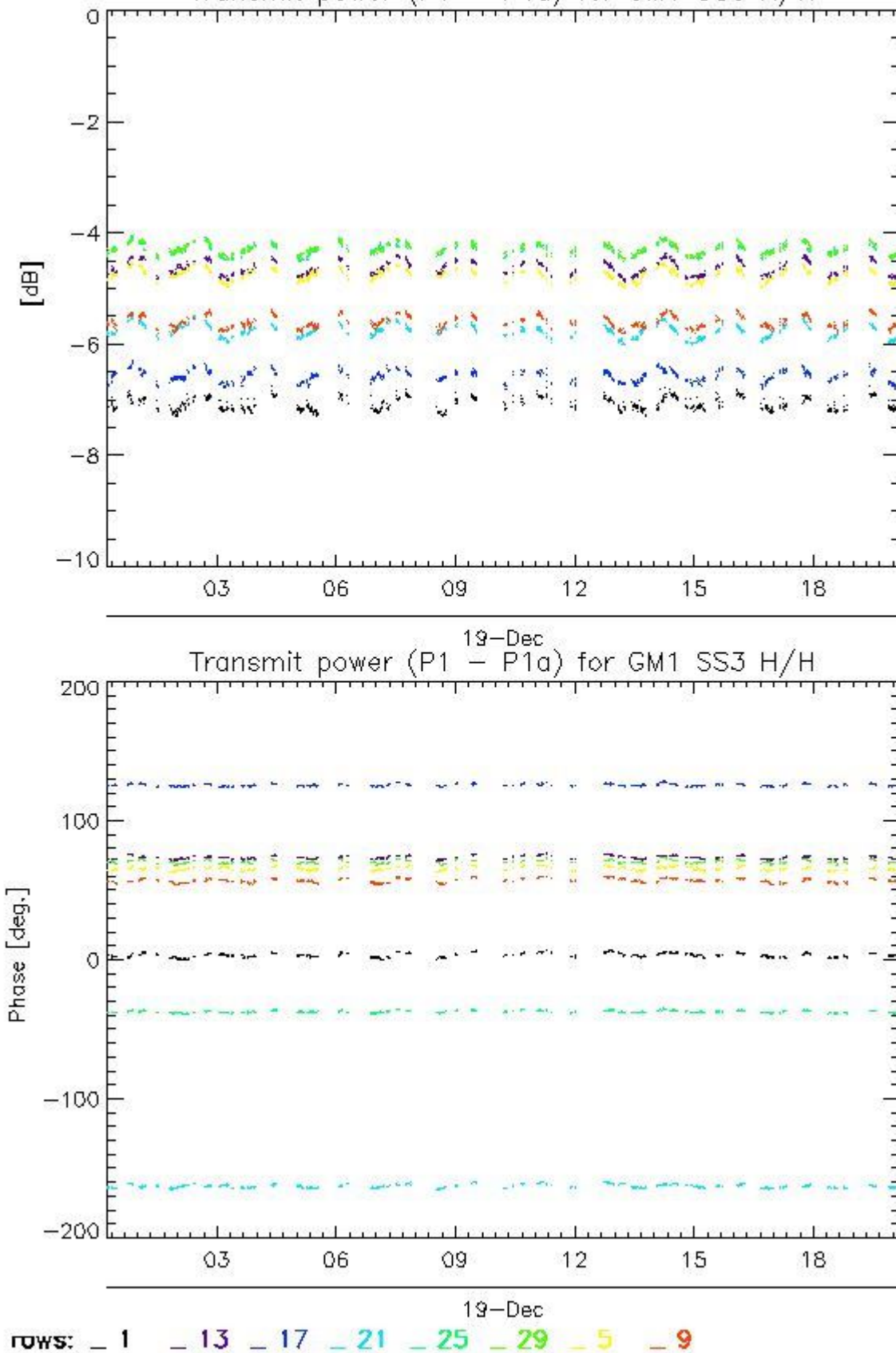
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



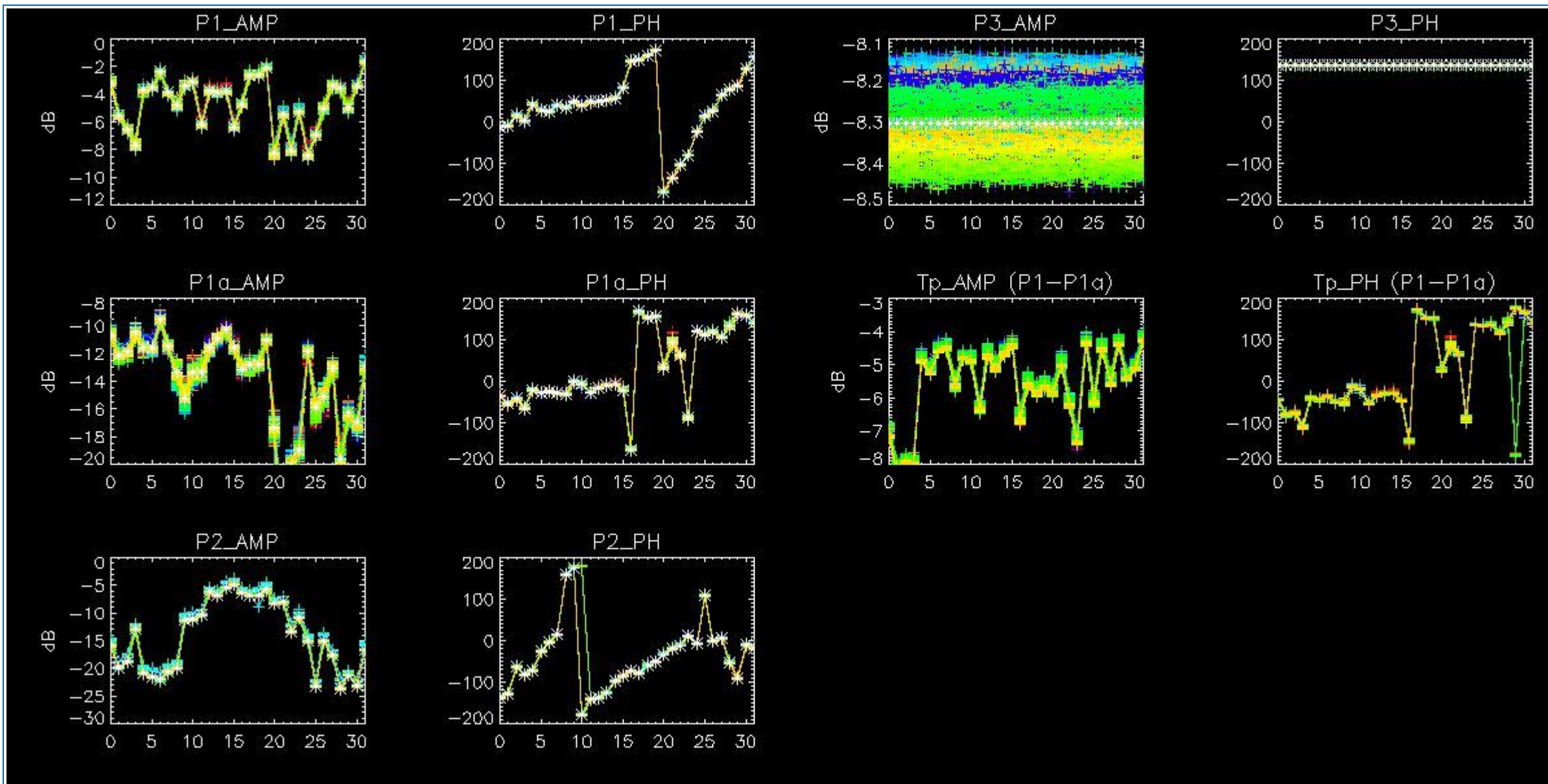
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





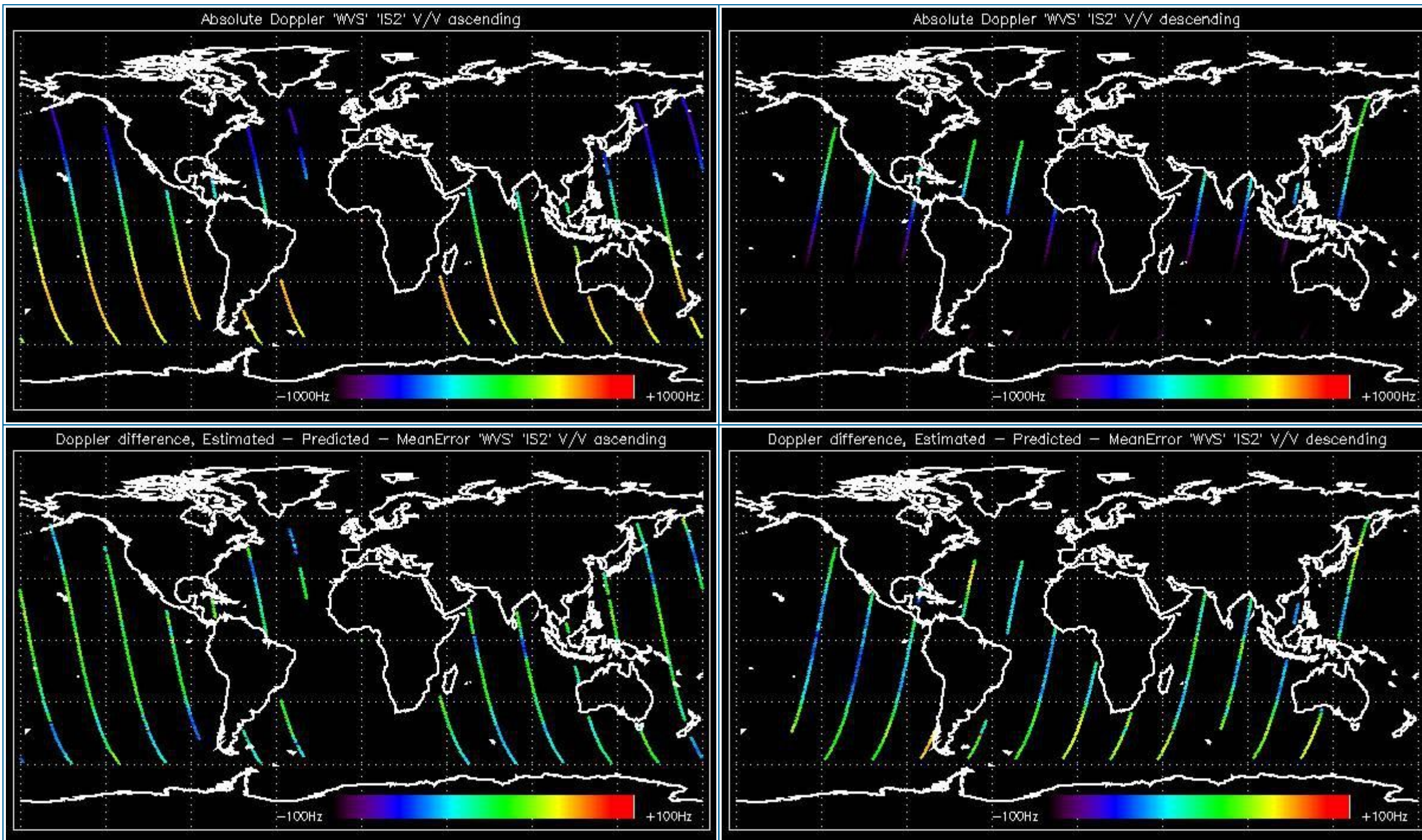
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

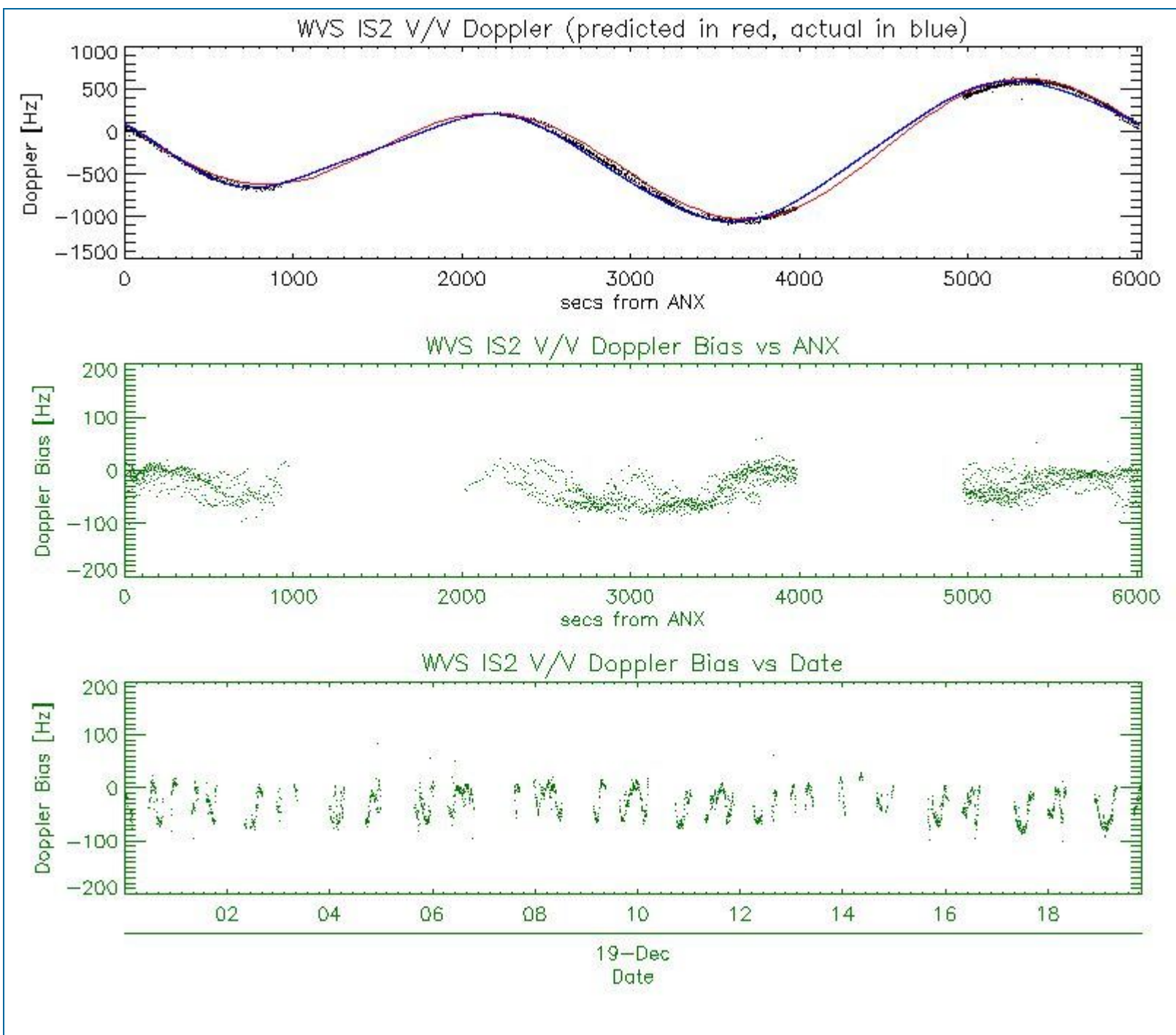




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



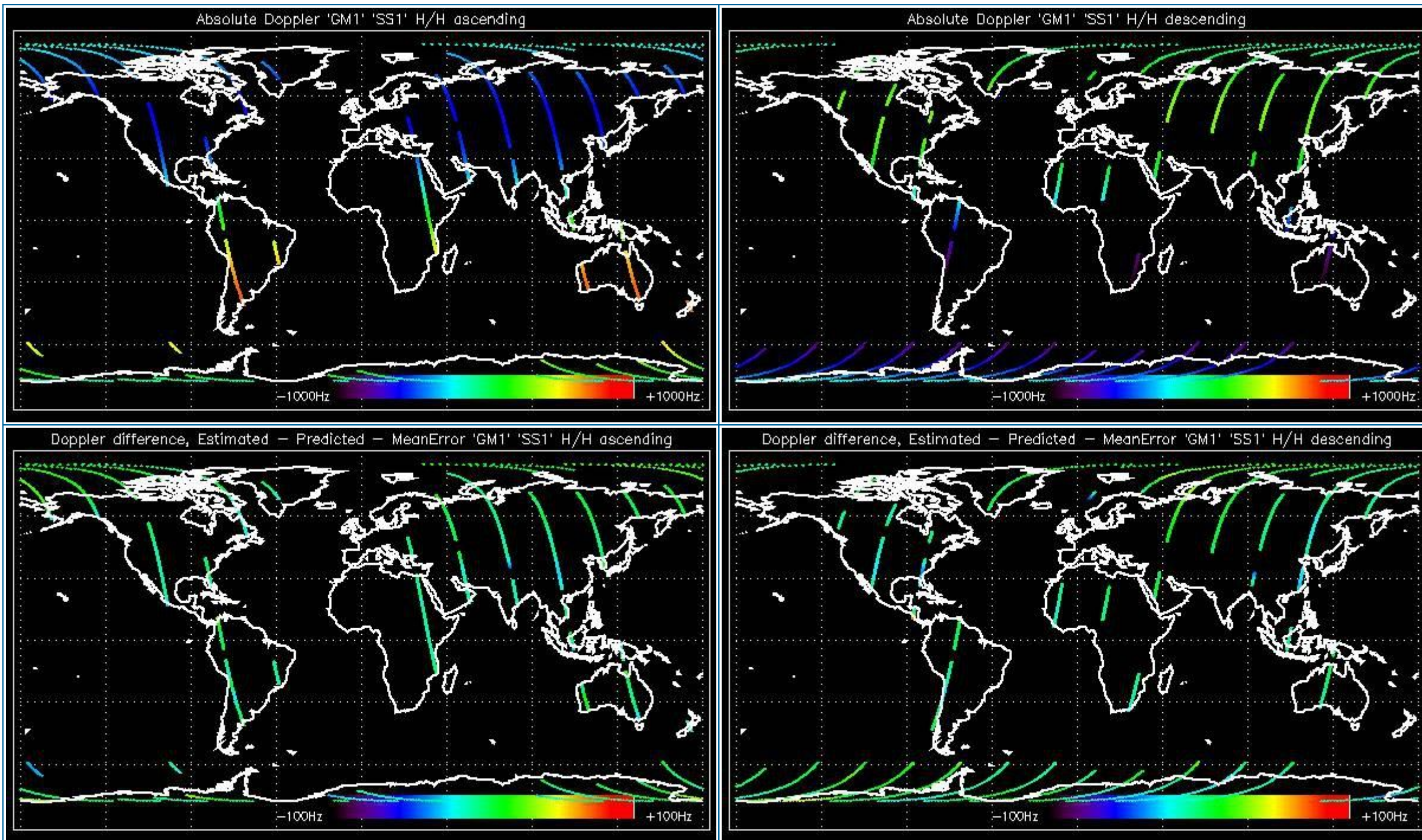


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

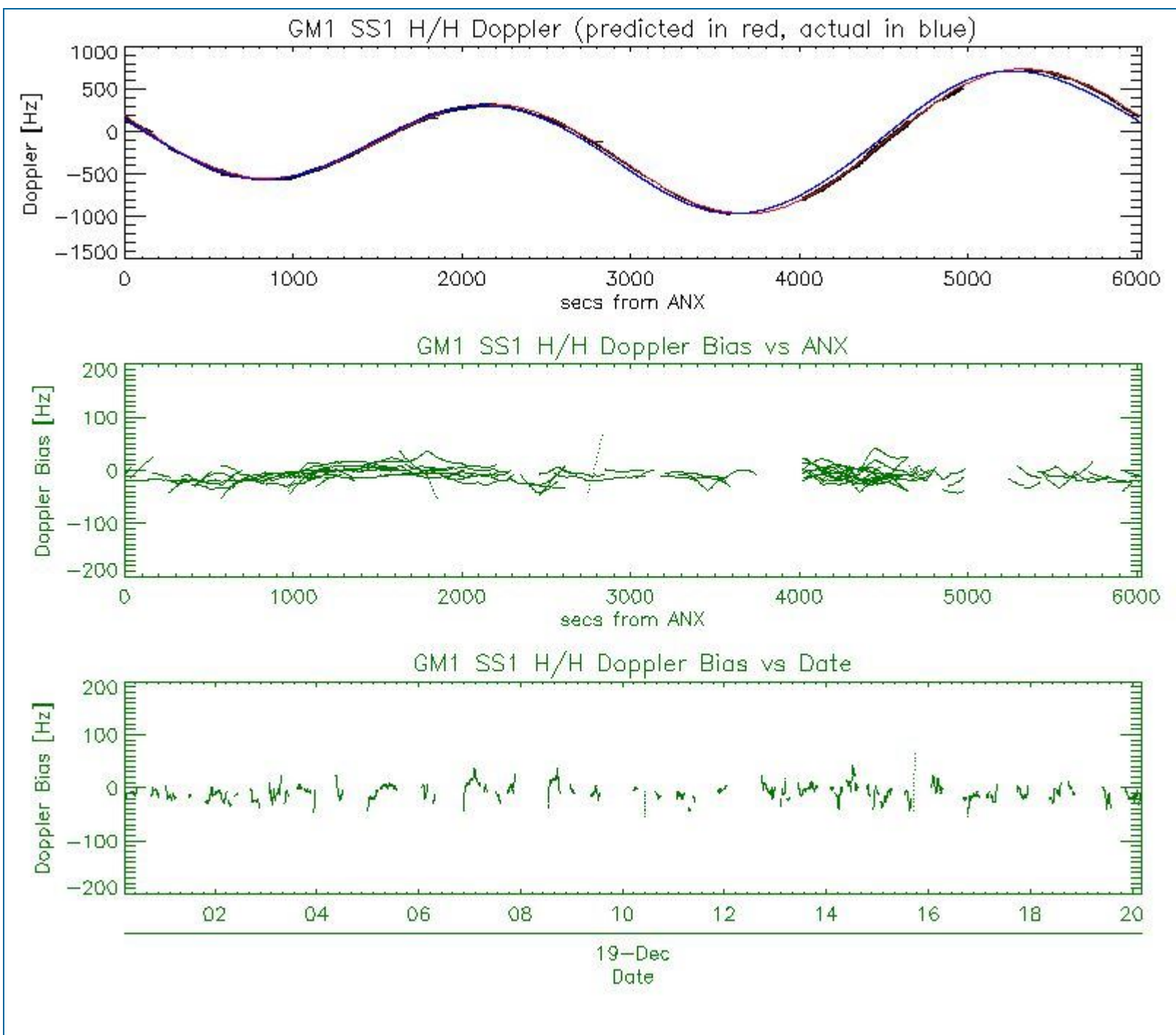




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

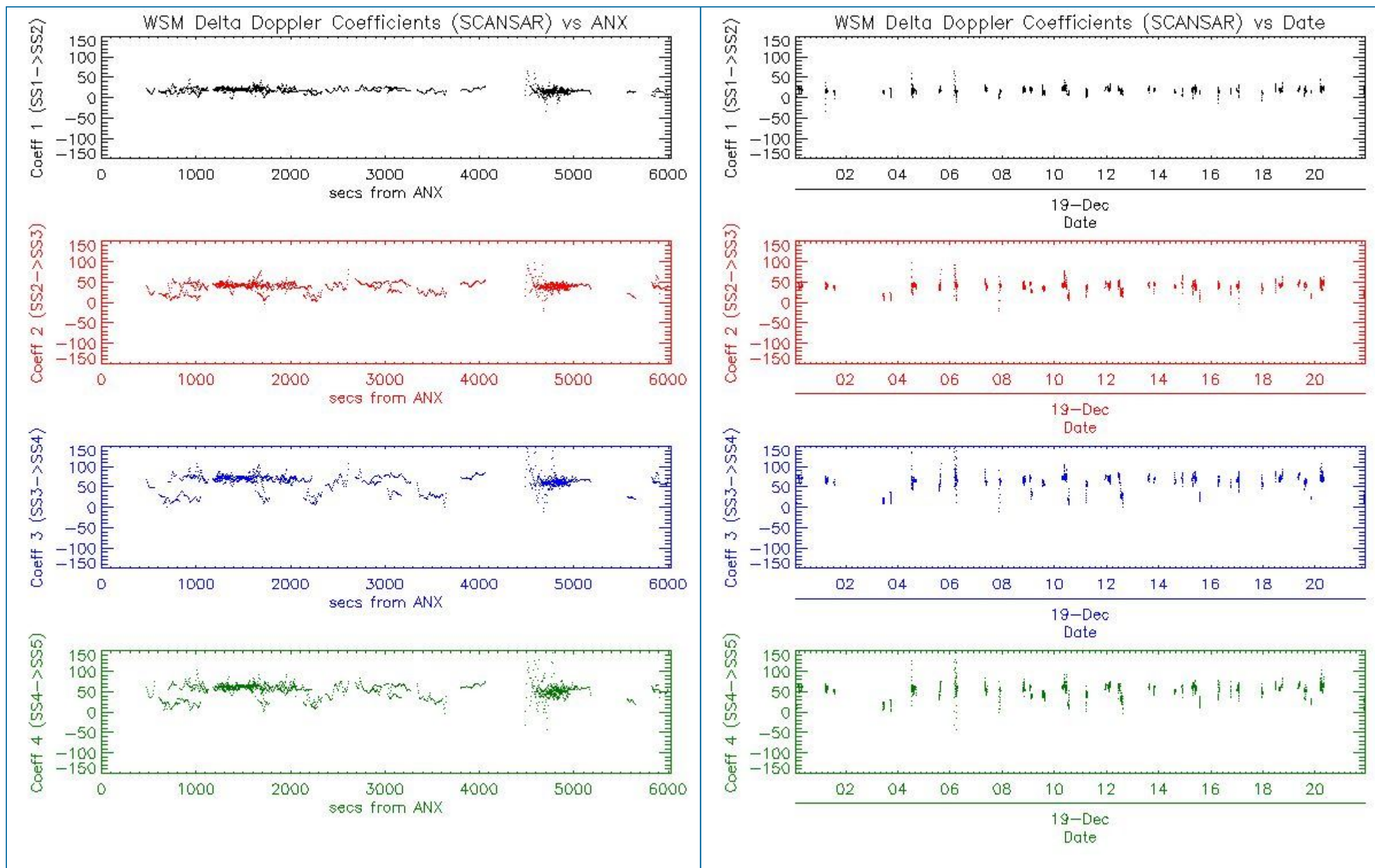




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]

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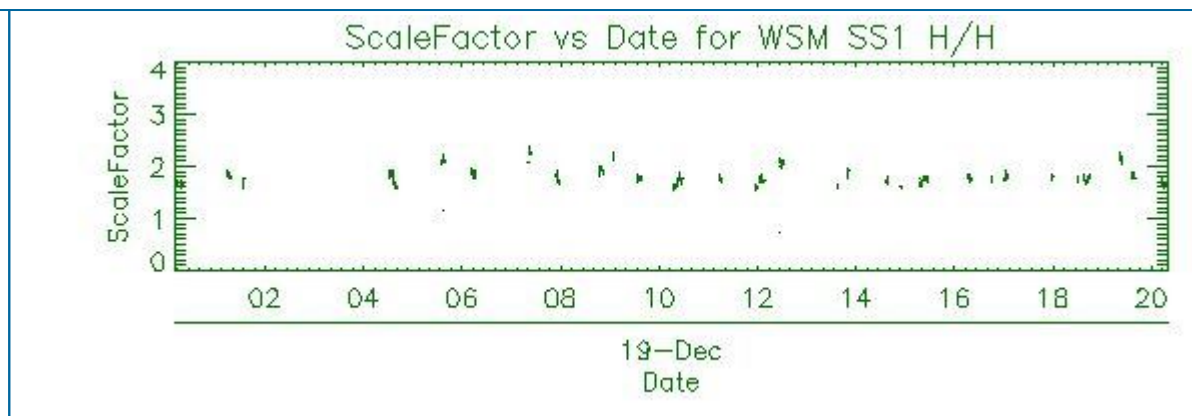
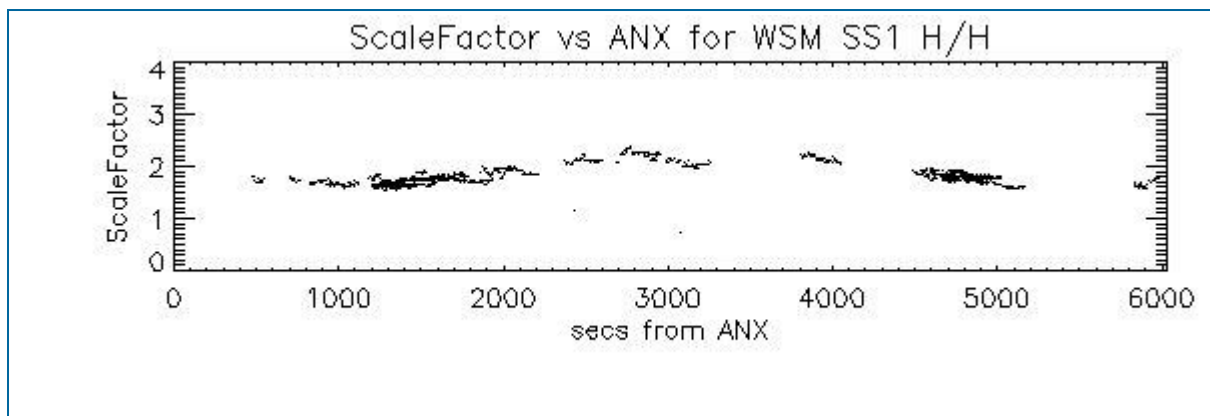
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

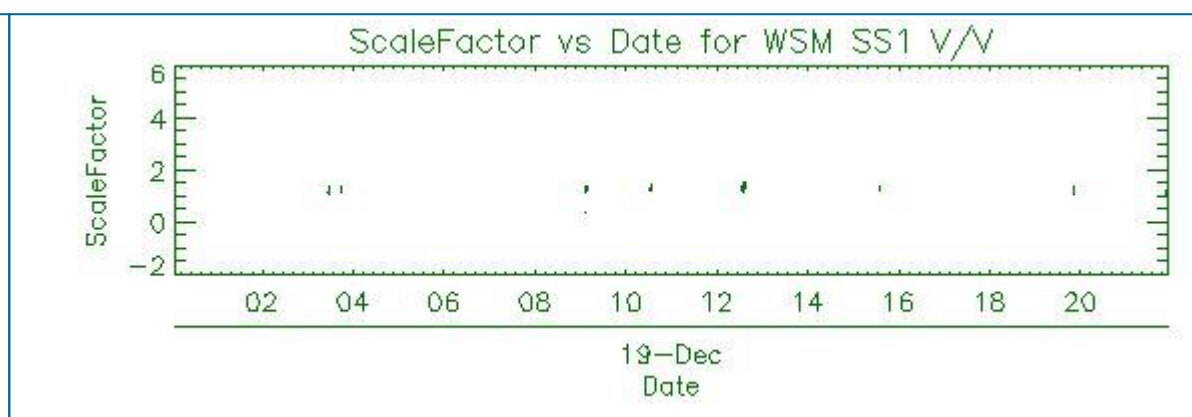
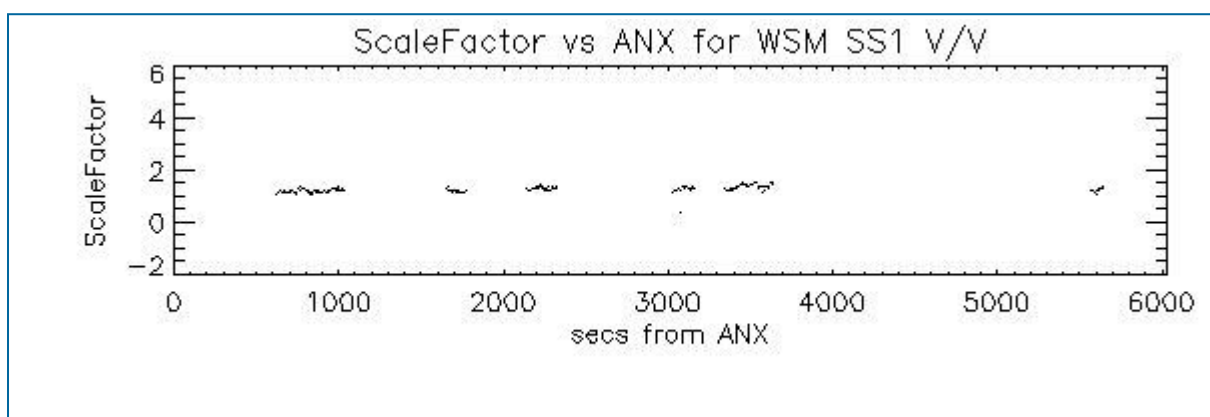




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

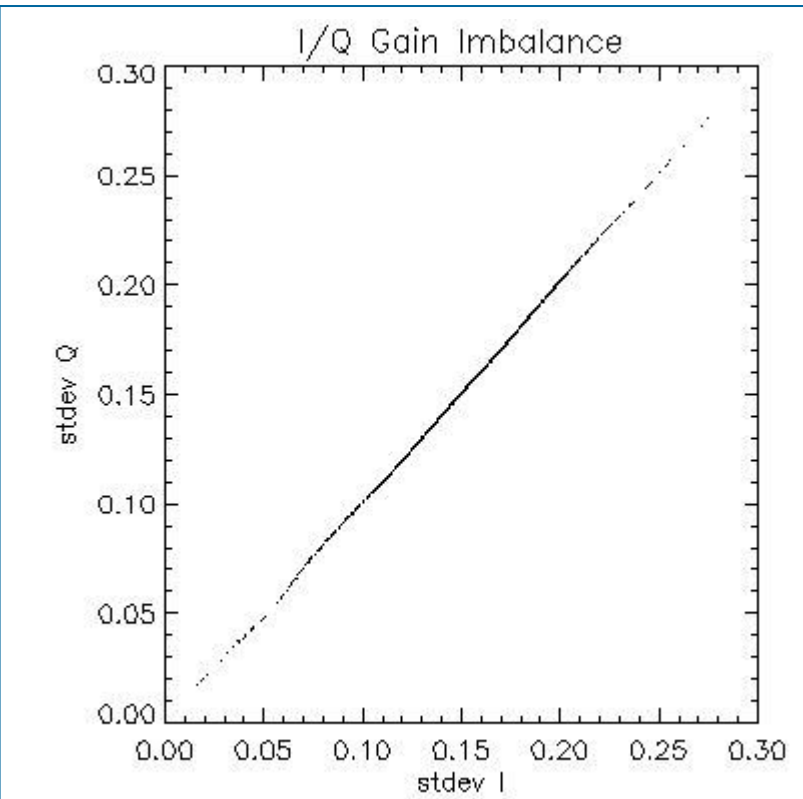
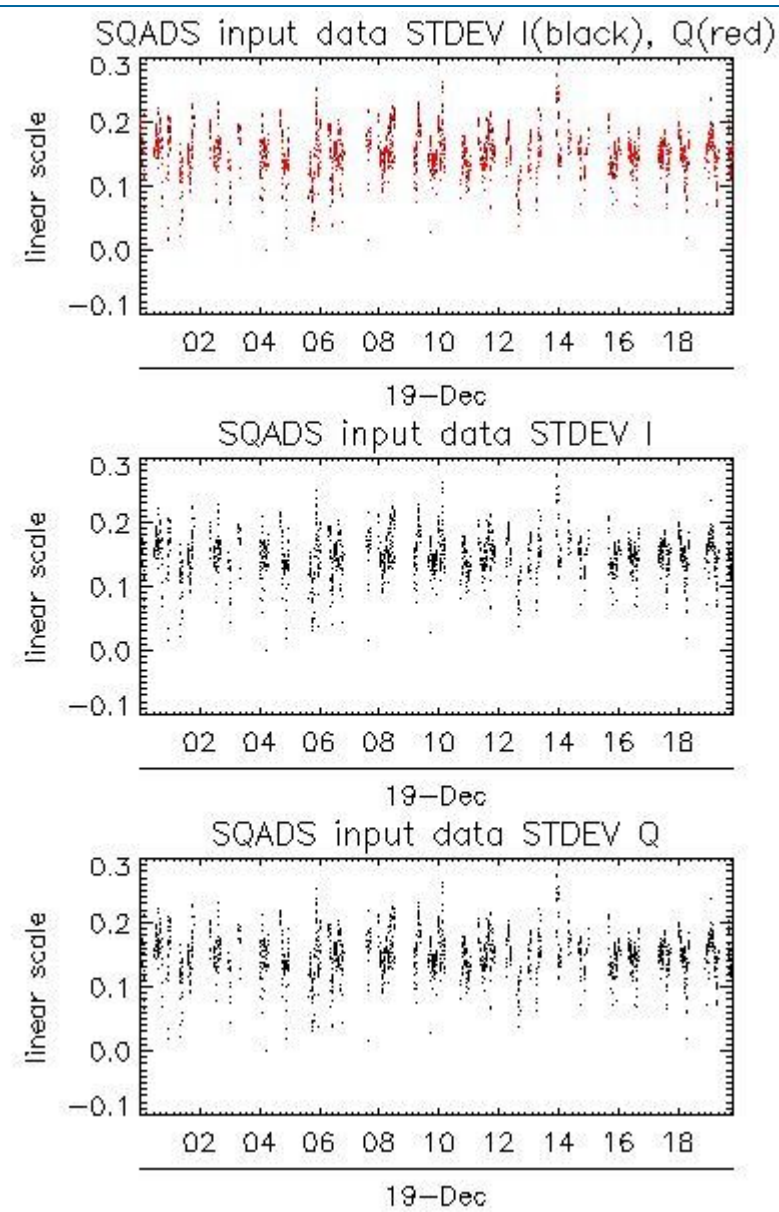
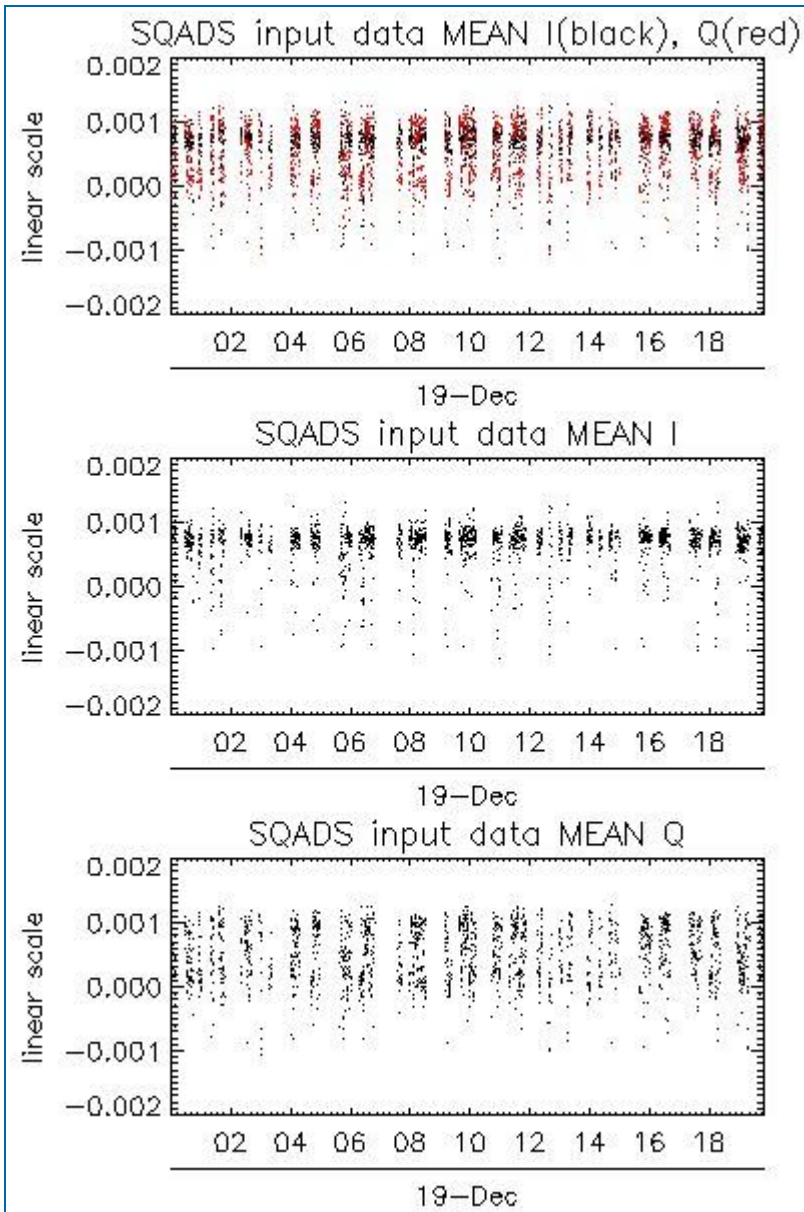


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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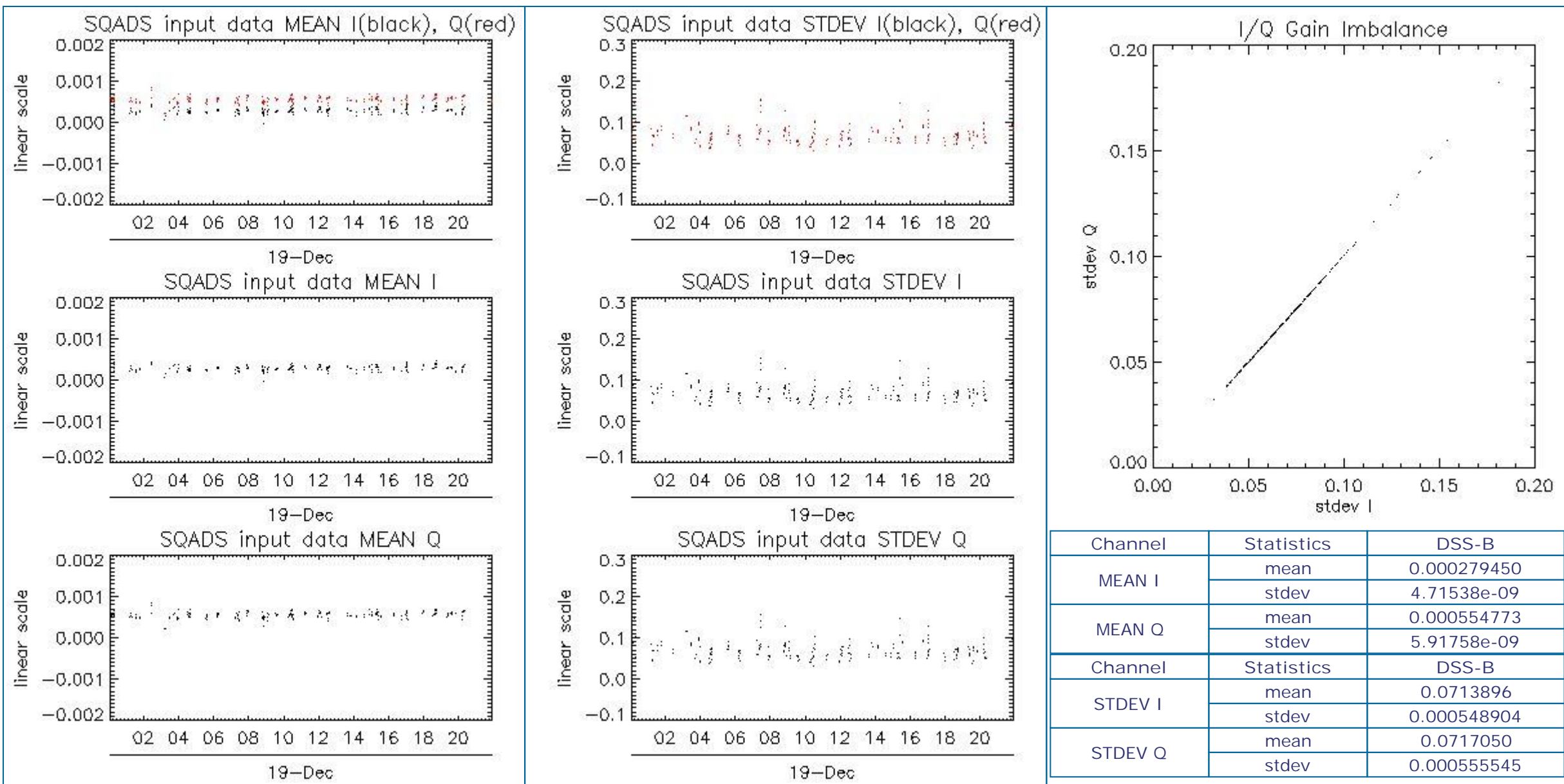


Channel	Statistics	DSS-B
MEAN I	mean	0.000640450
	stdev	1.16946e-07
MEAN Q	mean	0.000513016
	stdev	1.93483e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.149532
	stdev	0.00115568
STDEV Q	mean	0.150102
	stdev	0.00118257

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



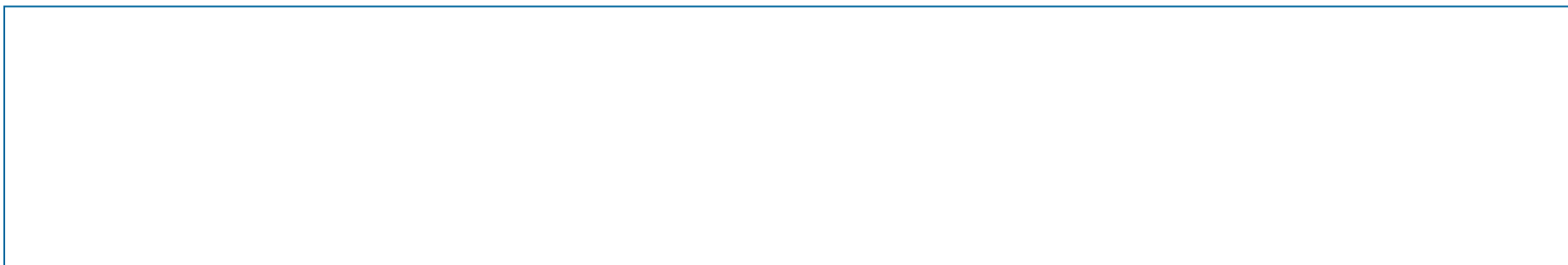


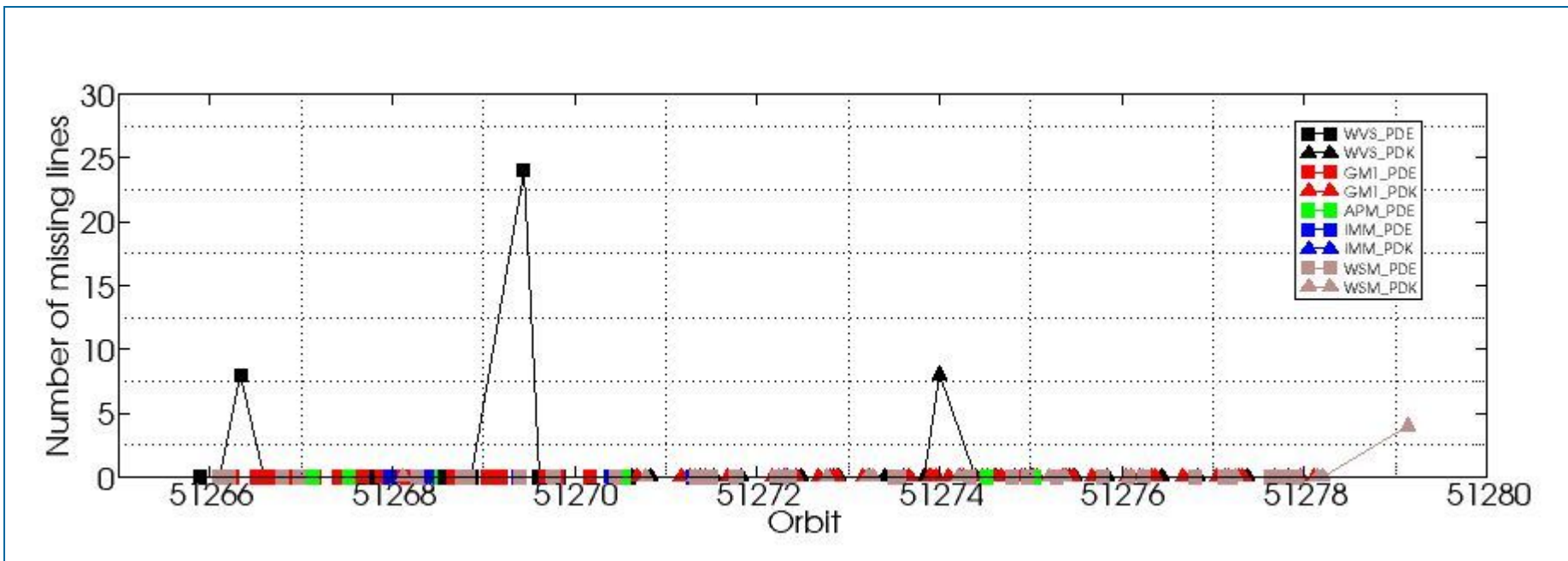
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20111219_002824_000009653109_00390_51266_0895.N1	0	8
PDE	ASA_WVS_1PNPDE20111219_011845_000003303109_00390_51266_0898.N1	1	0
PDE	ASA_WVS_1PNPDE20111219_053908_000010643109_00393_51269_0995.N1	0	24
PDE	ASA_WVS_1PNPDE20111219_073537_000002103109_00394_51270_1051.N1	1	0
PDK	ASA_WVS_1PNPDK20111219_131615_000005473109_00397_51273_6256.N1	0	8
PDK	ASA_WSM_1PNPDK20111219_215116_000002453109_00403_51279_6409.N1	0	4

8.1 - Number of Missing lines

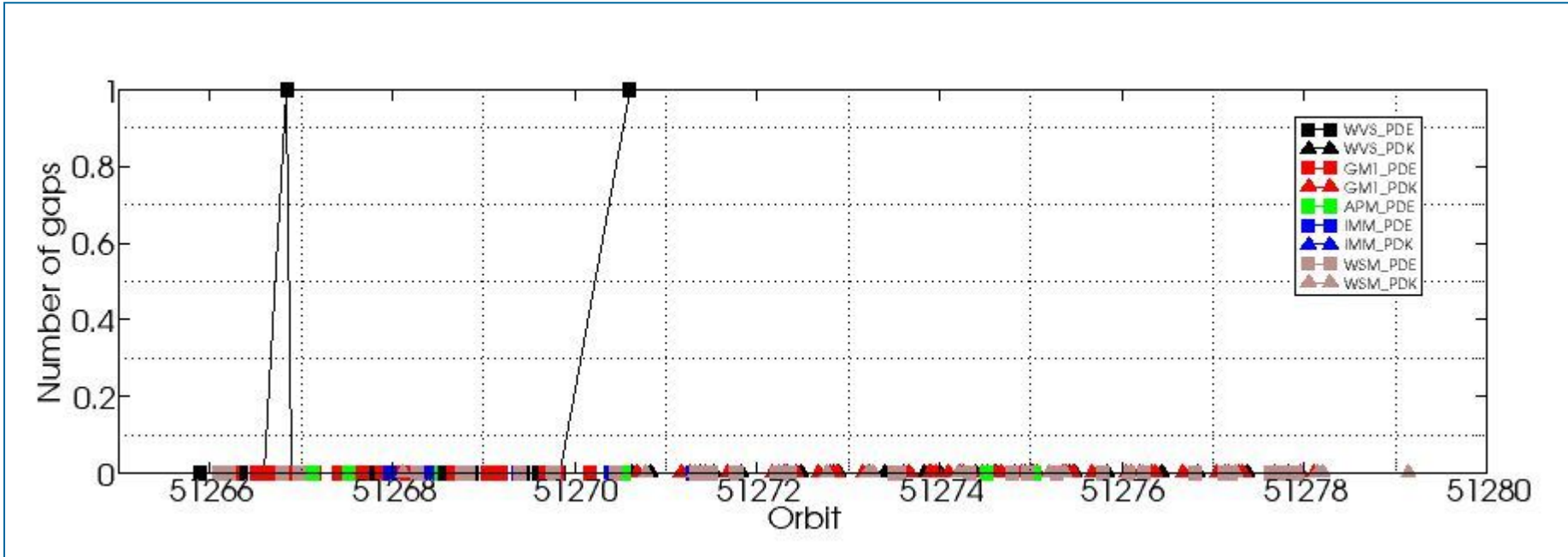
[BACK TO MENU]





8.2 - Number of Gaps

[[BACK TO MENU](#)]



ASAR DAILY REPORT for 111219
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2011-12-19 00:00:00

Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111219/

DATA SUMMARY

Summary will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111219/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_111219/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_111219/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111219/AUXILIARY

Creating directory ./RESULTS/DAILY/_111219/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20111219*current_3_IECF_ADFs.txt
 Found list 20111219_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20111219_000620_000001953109_00390_51266_0890.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_002824_000009653109_00390_51266_0895.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_005416_000004053109_00390_51266_0897.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_011845_000003303109_00390_51266_0898.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_012330_000001803109_00390_51266_0926.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_013510_000007193109_00391_51267_0930.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_022009_000001493109_00391_51267_0944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_022746_000008103109_00391_51267_0942.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_025804_000002703109_00391_51267_0939.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_031805_000001943109_00392_51268_0934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_035935_000008243109_00392_51268_0932.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_041305_000002553109_00392_51268_0991.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_044140_000010493109_00392_51268_0996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_053908_000010643109_00393_51269_0995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_055637_000003153109_00393_51269_1040.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_061834_000017693109_00393_51269_1047.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111219_073537_000002103109_00394_51270_1051.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_073852_000001953109_00394_51270_6175.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_075839_000019643109_00394_51270_6177.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_090857_000007953109_00395_51271_6199.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_093852_000020093109_00395_51271_6201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_104430_000010793109_00396_51272_6226.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_111915_000002103109_00396_51272_6224.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_112512_000016043109_00396_51272_6229.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_121545_000005843109_00397_51273_6243.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_123725_000003153109_00397_51273_6244.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_125929_000003153109_00397_51273_6246.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_131615_000005473109_00397_51273_6256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_135549_000004493109_00398_51274_6277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_141906_000002253109_00398_51274_6280.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_143934_000003903109_00398_51274_6281.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_145045_000001343109_00398_51274_6284.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_145737_000000743109_00399_51275_6288.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_153947_000001193109_00399_51275_6325.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_154415_000011393109_00399_51275_6328.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_162000_000012293109_00399_51275_6336.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_172044_000013643109_00400_51276_6362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_180002_000012743109_00400_51276_6365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_185453_000014993109_00401_51277_6388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111219_194016_000005553109_00401_51277_6391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_GM1.txt...


```
ASA_GM1_1PNPDK20111219_184956_000001383109_00401_51277_6387.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111219_192516_000005733109_00401_51277_6389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111219_195234_000008163109_00401_51277_6390.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111219_200813_000001813109_00402_51278_6392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20111219_014755_000004433109_00391_51267_0923.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_022630_00000703109_00391_51267_0924.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_035803_00000873109_00392_51268_0922.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_072550_000001793109_00394_51270_1037.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_072918_00000423109_00394_51270_1038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_140800_00000843109_00398_51274_1142.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111219_150129_000001003109_00399_51275_1145.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20111219_031216_00000793109_00391_51267_0928.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111219_035302_000001763109_00392_51268_0921.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111219_053339_000004433109_00393_51269_0985.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111219_071437_000001093109_00394_51270_1031.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111219_084552_00000523109_00395_51271_1075.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111219_085432_00000383109_00395_51271_1082.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111219_085313_00000113109_00395_51271_6187.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111219_102901_000001483109_00396_51272_6211.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_111219/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20111219_000449_00000923109_00390_51266_0880.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_001012_000002083109_00390_51266_0887.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_001612_000002143109_00390_51266_0888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_011314_000003303109_00390_51266_0892.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_013158_000001713109_00390_51266_0906.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_034244_000001353109_00392_51268_0929.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_043053_000003923109_00392_51268_0983.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_043809_000002143109_00392_51268_0984.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_053459_000002513109_00393_51269_0988.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_061012_000001533109_00393_51269_1029.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_061313_000002143109_00393_51269_1030.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_072028_000002753109_00394_51270_1036.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_084847_00000923109_00395_51271_1078.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_090325_000001283109_00395_51271_1083.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_090627_000001533109_00395_51271_1100.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_093252_000003303109_00395_51271_1101.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_101706_000001653109_00396_51272_1103.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_102715_00000923109_00396_51272_1098.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_103148_000001533109_00396_51272_1099.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_122610_000002943109_00397_51273_1121.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_123206_000003123109_00397_51273_1122.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_134903_000001223109_00398_51274_1141.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

ASA_WSM_1PNPDE20111219_143645_000001353109_00398_51274_1143.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_145343_000000923109_00398_51274_1144.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_152500_000001353109_00399_51275_1146.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_161629_000002143109_00399_51275_1140.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_164502_000000923109_00400_51276_1147.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_170112_000002813109_00400_51276_1151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_175720_000001533109_00400_51276_1150.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_182859_000000923109_00401_51277_1152.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_183658_000004773109_00401_51277_1156.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_192039_000002693109_00401_51277_1161.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_193454_000003063109_00401_51277_1160.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111219_195006_000000923109_00401_51277_1162.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_032611_000001713109_00392_51268_6136.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_075312_000002693109_00394_51270_6185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_084657_000003733109_00395_51271_6186.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_102049_000003063109_00396_51272_6209.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_102715_000000923109_00396_51272_6210.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_111236_000002513109_00396_51272_6259.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_115646_000001713109_00397_51273_6261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_120226_000003923109_00397_51273_6237.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_133643_000000923109_00398_51274_6263.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_151649_000004593109_00399_51275_6302.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_153355_000001163109_00399_51275_6326.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_165953_000002693109_00400_51276_6345.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_184205_000000923109_00401_51277_6373.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_201117_000003063109_00402_51278_6399.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_201735_000001533109_00402_51278_6400.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111219_215116_000002453109_00403_51279_6409.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_111219/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_111219/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/_111219/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1

Test product: ASA_MS__0PNPDE20111219_060230_000000163109_00393_51269_0435.N1

H

H

../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/TGH_20111219_060230-20010209_135042.png

../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/TPH_20111219_060230-20010209_135042.png

../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/RGH_20111219_060230-20010209_135042.png

../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/RPH_20111219_060230-20010209_135042.png

Polarization: V

Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1

Test product: ASA_MS__0PNPDK20111219_074244_000000163109_00394_51270_0937.N1

V

V

../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/TGV_20111219_074244-20010209_140823.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/TPV_20111219_074244-20010209_140823.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/RGV_20111219_074244-20010209_140823.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/SECOND_REFERENCE/RPV_20111219_074244-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS_0PNPDK20111218_063915_000000163109_00379_51255_0935.N1
Test product: ASA_MS_0PNPDE20111219_060230_000000163109_00393_51269_0435.N1

H
H
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20111219_060230-20111218_063915.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20111219_060230-20111218_063915.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20111219_060230-20111218_063915.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20111219_060230-20111218_063915.png

Polarization: V
Reference product: ASA_MS_0PNPDK20111218_081929_000000163109_00380_51256_0936.N1
Test product: ASA_MS_0PNPDK20111219_074244_000000163109_00394_51270_0937.N1

V
V
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20111219_074244-20111218_081929.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20111219_074244-20111218_081929.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20111219_074244-20111218_081929.png
../../RESULTS/DAILY/_111219/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20111219_074244-20111218_081929.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/_111219/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing products WVS IS2 V/V
1 60961 7 60961
Writing image ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
1 35841 7 35841
Writing image ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-19_1.dat...
Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-19_2.dat...
Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

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

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-19_3.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-12-19_4.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-19_1.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-19_2.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

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

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-19_3.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-12-19 00:00:00 to 2011-12-19 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_111219/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-12-19_4.dat...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_111219//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_111219/DOPPLER...

DOPPLER ANX Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...

Writing file ./RESULTS/DAILY/_111219/DOPPLER/Doppler_data_WVS_IS2_VV_2011-12-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_111219/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...

Writing file ./RESULTS/DAILY/_111219/DOPPLER/Doppler_data_GM1_SS1_HH_2011-12-19.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_111219/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/DOPPLER/Doppler_Jumps_data_WSM_2011-12-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111219/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_111219/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing products WVS IS2 V/V

870
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -36.463355 Hz
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1037
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -23.719918 Hz
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H
2362
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -6.3136082 Hz
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

2179
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -10.431671 Hz
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_111219//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_111219/CHIRP...

CHIRP Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-12-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111219/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_111219/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-12-19.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111219/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_111219/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed
#####

RAW DATA ANALYSIS

Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111219/RAW_DATA

Creating directory ./RESULTS/DAILY/_111219/RAW_DATA...

Getting raw data for WVS from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/RAW_DATA/Raw_data_WVS_2011-12-19.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2011-12-19 00:00:00 to 2011-12-19 23:59:59...
Writing file ./RESULTS/DAILY/_111219/RAW_DATA/Raw_data_IMM_2011-12-19.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111219/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2011-12-19 00:00:00 to 2011-12-19 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111219/TELEMETRY

Creating directory ./RESULTS/DAILY/_111219/TELEMETRY...

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

Checking 18 products from PDE...

Found product...ASA_WVS_1PNPDE20111219_002824_000009653109_00390_51266_0895.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20111219_011845_000003303109_00390_51266_0898.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20111219_053908_000010643109_00393_51269_0995.N1 / 0 gaps / 24 missing lines
Found product...ASA_WVS_1PNPDE20111219_073537_000002103109_00394_51270_1051.N1 / 1 gaps / 0 missing lines
Checking 23 products from PDK...
Found product...ASA_WVS_1PNPDK20111219_131615_000005473109_00397_51273_6256.N1 / 0 gaps / 8 missing lines

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

Checking 25 products from PDE...

Checking 46 products from PDK...

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

Checking 7 products from PDE...

No products from PDK...

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

Checking 6 products from PDE...

Checking 2 products from PDK...

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

Checking 34 products from PDE...

Checking 16 products from PDK...

Found product...ASA_WSM_1PNPDK20111219_215116_000002453109_00403_51279_6409.N1 / 0 gaps / 4 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_111219/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_111219/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_111219/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_1PNPDE20111219_014755_000000433109_00391_51267_0923.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_022630_000000703109_00391_51267_0924.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_035803_000000873109_00392_51268_0922.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_072550_000001793109_00394_51270_1037.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_072918_000000423109_00394_51270_1038.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_140800_000000843109_00398_51274_1142.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111219_150129_000001003109_00399_51275_1145.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_1PNPDE20111219_001344_000001443109_00390_51266_0891.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_001946_000005193109_00390_51266_0893.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_004519_000001083109_00390_51266_0896.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_004813_000003623109_00390_51266_0894.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_010149_000006833109_00390_51266_0899.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_012842_000001933109_00390_51266_0925.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_014858_000014743109_00391_51267_0931.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_021511_000002053109_00391_51267_0946.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_022324_000001873109_00391_51267_0945.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_024203_000006283109_00391_51267_0943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_030315_000001383109_00391_51267_0941.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_030540_000003983109_00391_51267_0940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_031342_000002593109_00391_51267_0938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_032206_000002413109_00392_51268_0937.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_033556_000004043109_00392_51268_0936.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_034520_000004653109_00392_51268_0935.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_035610_000001083109_00392_51268_0933.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_042215_000005133109_00392_51268_0992.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_045949_000006833109_00393_51269_0993.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_051427_000011543109_00393_51269_0997.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_060345_000003863109_00393_51269_1041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_061650_000000963109_00393_51269_1039.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_065203_000012273109_00394_51270_1049.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_071638_000002293109_00394_51270_1048.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111219_073021_000003143109_00394_51270_1046.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_074401_000005493109_00394_51270_6176.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_083202_000007373109_00395_51271_6178.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_084304_000001693109_00395_51271_6197.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_085846_000002773109_00395_51271_6198.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_092301_000005863109_00395_51271_6200.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_101305_000002353109_00396_51272_6202.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_102600_000000663109_00396_51272_6221.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_103835_000003563109_00396_51272_6222.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_110313_000005613109_00396_51272_6447.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_111706_000001263109_00396_51272_6225.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_112335_000000903109_00396_51272_6227.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_115244_000002353109_00397_51273_6228.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_115940_000001633109_00397_51273_6230.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_124327_000009613109_00397_51273_6245.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_130525_000000903109_00397_51273_6247.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_130705_000003023109_00397_51273_6248.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_131335_000001573109_00397_51273_6249.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_132608_000006283109_00398_51274_6255.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_133821_000002953109_00398_51274_6257.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_134205_000004163109_00398_51274_6275.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_140404_000002353109_00398_51274_6276.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_140941_000003803109_00398_51274_6278.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_141604_000001813109_00398_51274_6279.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_142341_000007793109_00398_51274_6282.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_144651_000002293109_00398_51274_6285.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_145515_000001383109_00398_51274_6286.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_145932_000001143109_00399_51275_6283.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_150329_000007983109_00399_51275_6287.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_153210_000000963109_00399_51275_6323.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_153559_000002233109_00399_51275_6324.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_154238_000000903109_00399_51275_6327.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_160355_000007493109_00399_51275_6334.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_164119_000002173109_00400_51276_6335.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_164637_000006893109_00400_51276_6337.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_165651_000001813109_00400_51276_6359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_170846_000001693109_00400_51276_6358.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_171316_000004473109_00400_51276_6361.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_174409_000007913109_00400_51276_6363.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_182201_000004163109_00401_51277_6364.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20111219_183037_000002473109_00401_51277_6366.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_183323_000002113109_00401_51277_6385.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_184501_000001873109_00401_51277_6386.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_184956_000001383109_00401_51277_6387.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_192516_000005733109_00401_51277_6389.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_195234_000008163109_00401_51277_6390.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111219_200813_000001813109_00402_51278_6392.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_1PNPDE20111219_031216_000000793109_00391_51267_0928.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111219_035302_000001763109_00392_51268_0921.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111219_053339_000000433109_00393_51269_0985.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111219_071437_000001093109_00394_51270_1031.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111219_084552_000000523109_00395_51271_1075.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111219_085432_000000383109_00395_51271_1082.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111219_085313_000000113109_00395_51271_6187.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111219_102901_000001483109_00396_51272_6211.N1	OK	OK	OK	OK

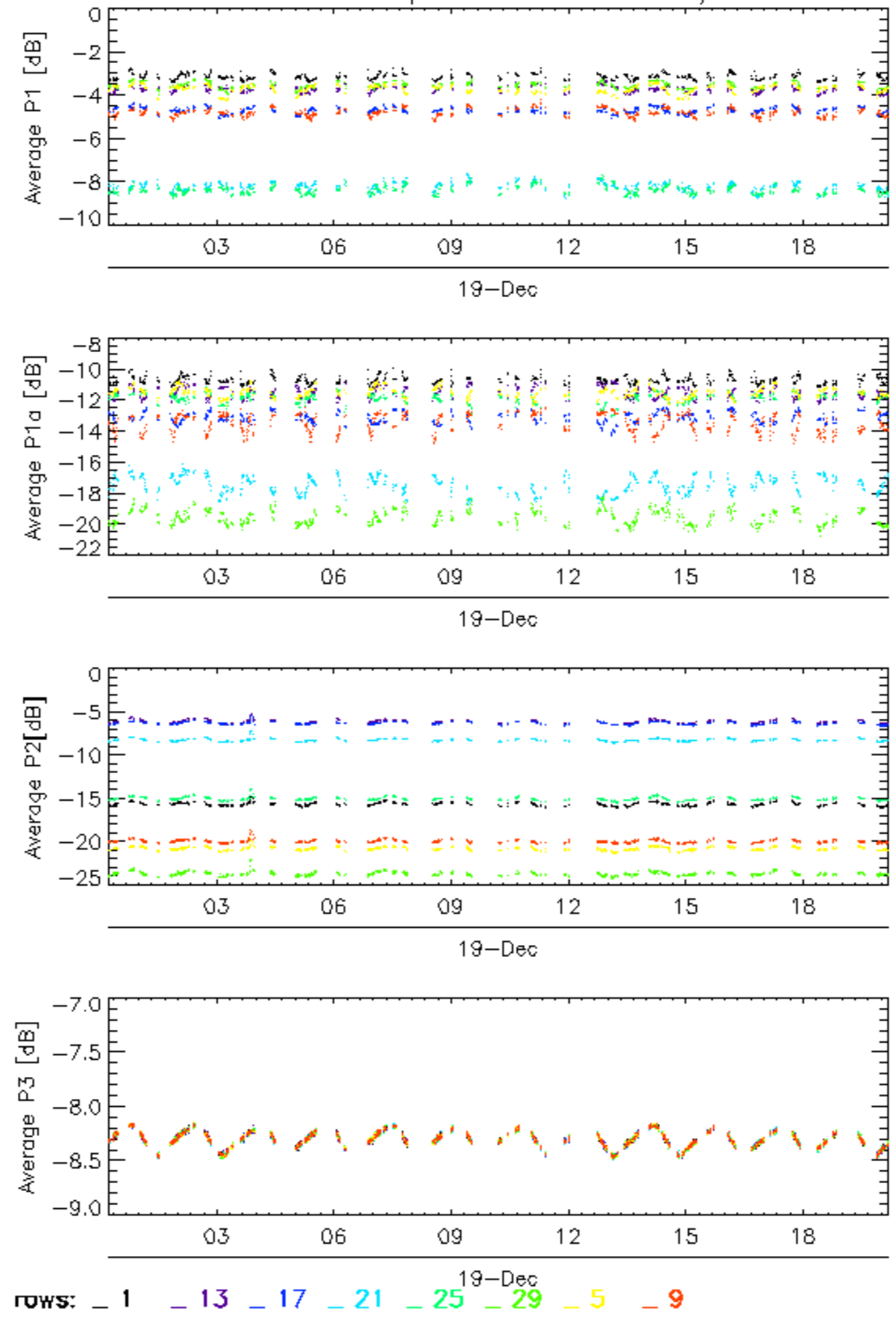
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20111219_000449_00000923109_00390_51266_0880.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_001012_000002083109_00390_51266_0887.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_001612_000002143109_00390_51266_0888.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_011314_000003303109_00390_51266_0892.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_013158_000001713109_00390_51266_0906.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_034244_000001353109_00392_51268_0929.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_043053_000003923109_00392_51268_0983.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_043809_000002143109_00392_51268_0984.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_053459_000002513109_00393_51269_0988.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_061012_000001533109_00393_51269_1029.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111219_061313_000002143109_00393_51269_1030.N1					OK	OK	OK	OK
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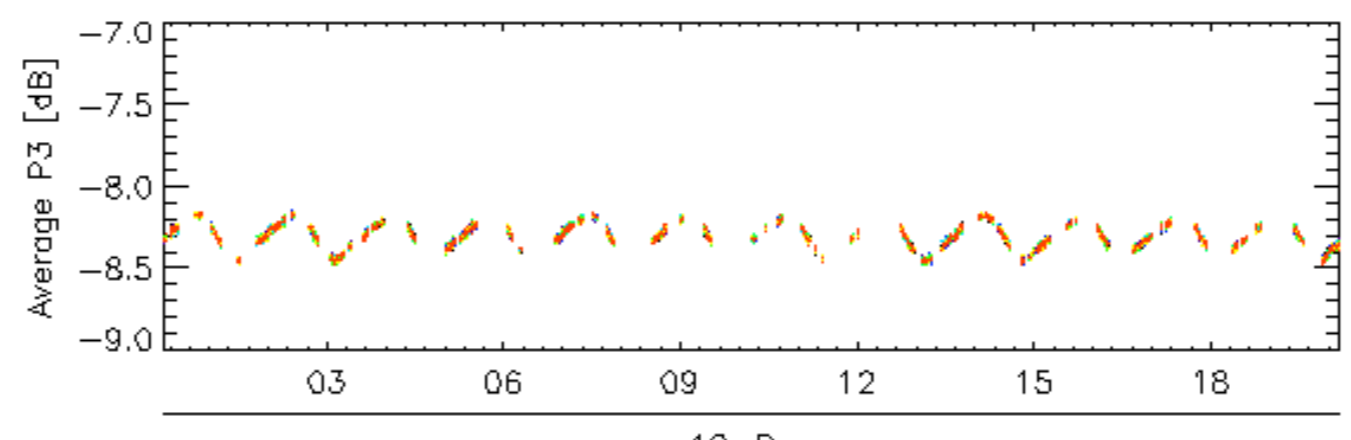
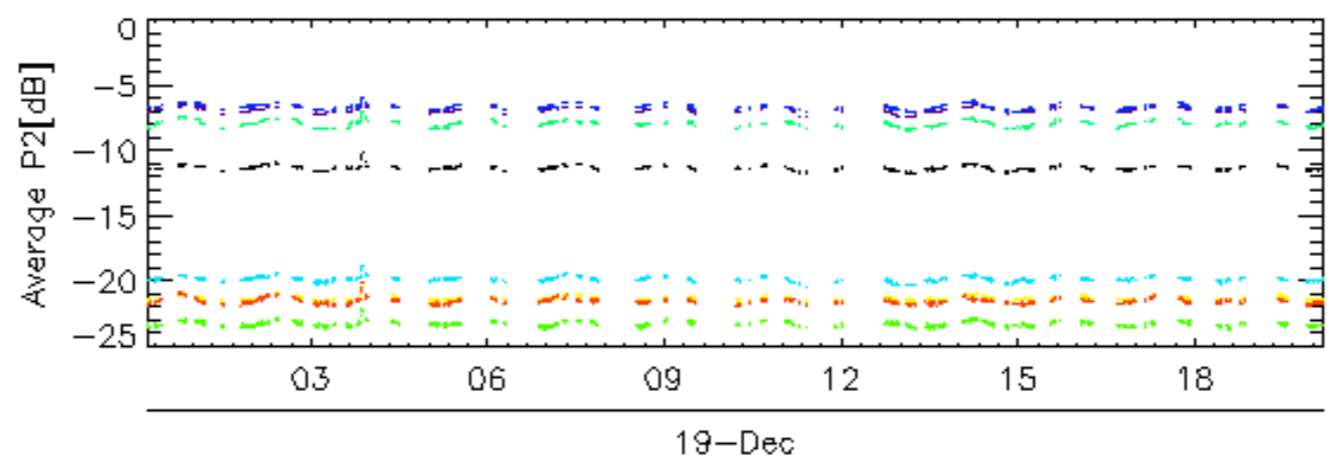
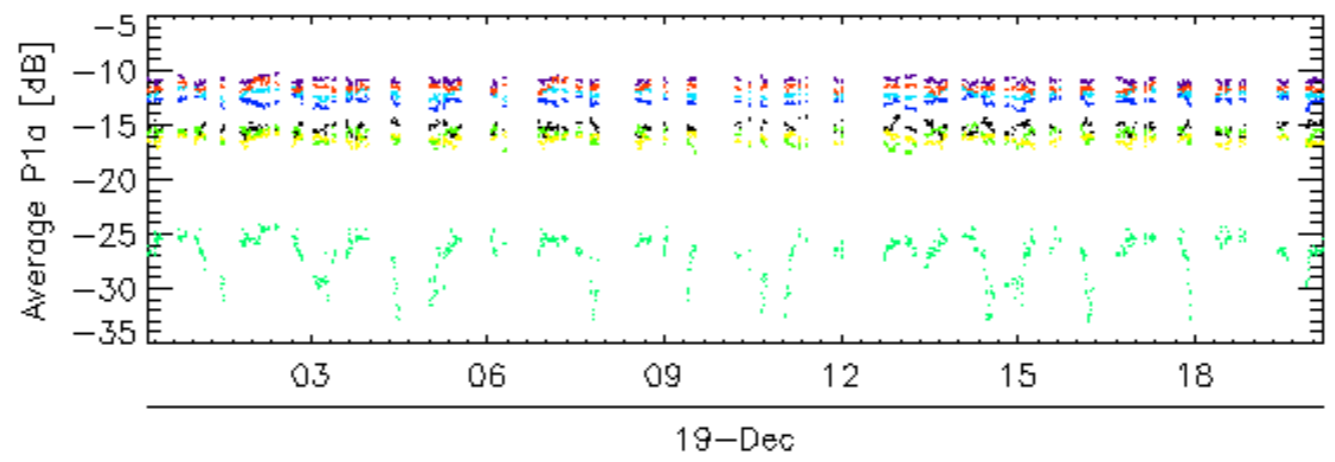
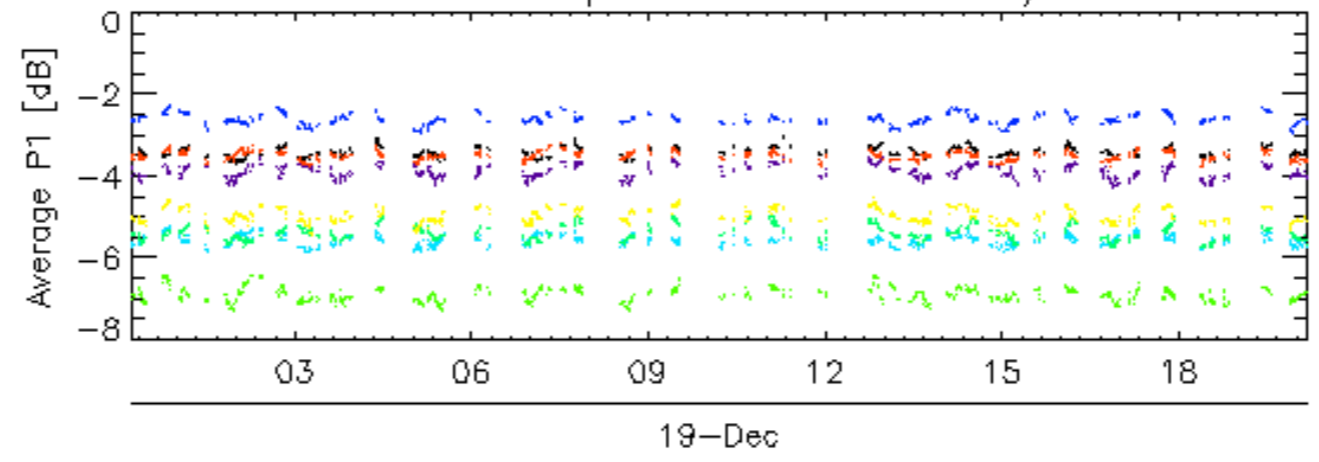
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20111219_012330_000001803109_00390_51266_0926.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20111219_022009_000001493109_00391_51267_0944.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111219_022746_000008103109_00391_51267_0942.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20111219_031805_000001943109_00392_51268_0934.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111219_035935_000008243109_00392_51268_0932.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

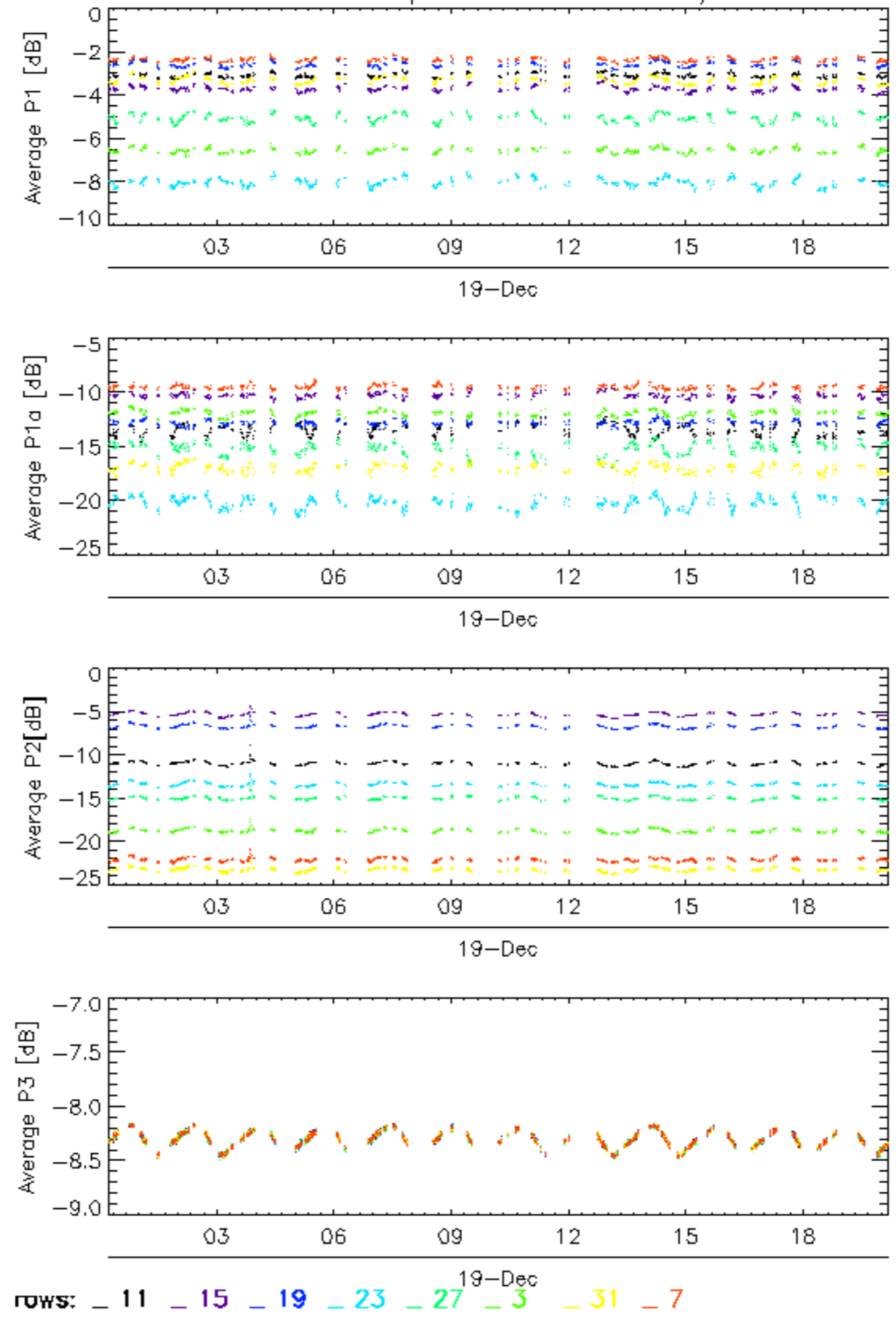


Calibration pulses for GM1 SS3 H/H

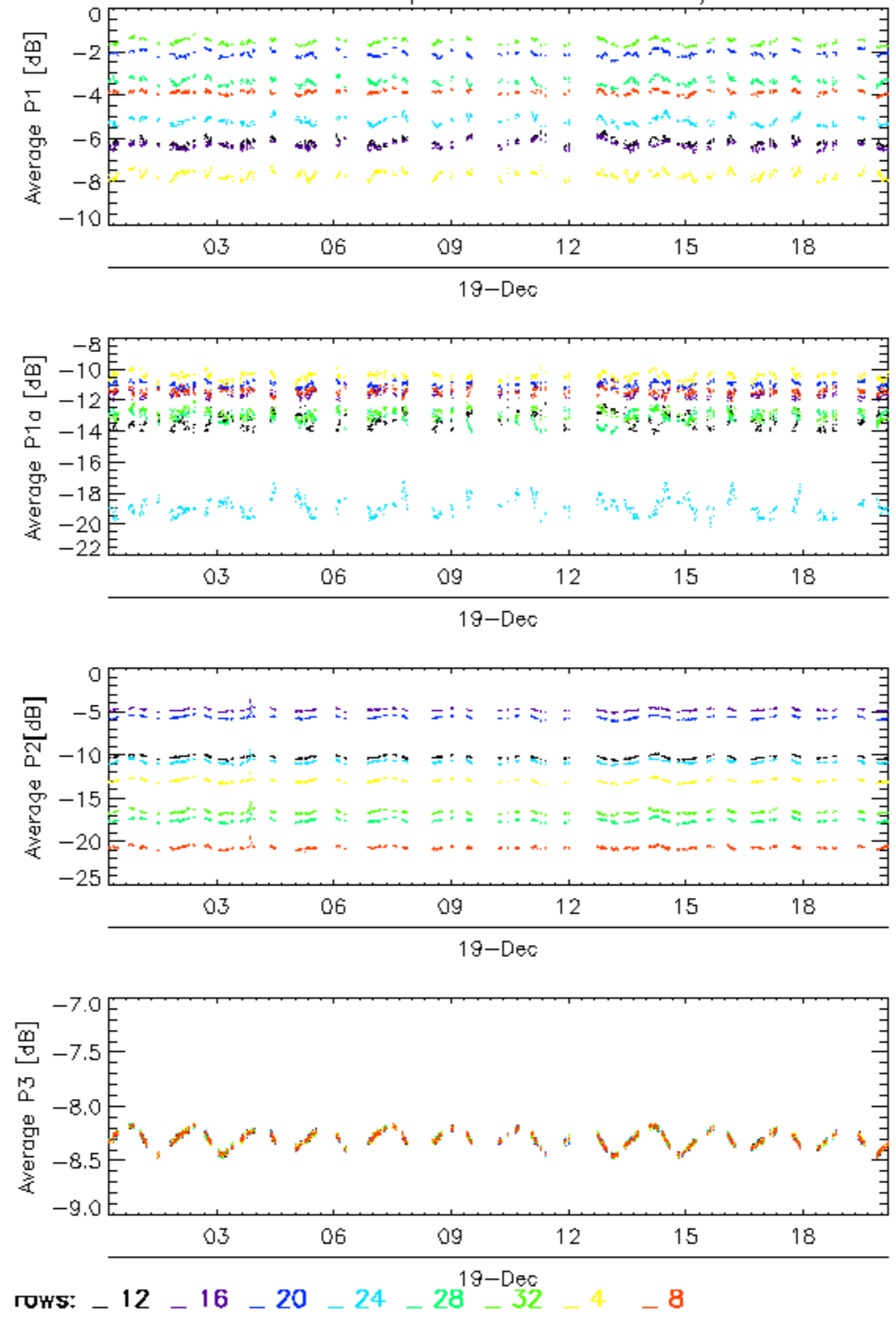


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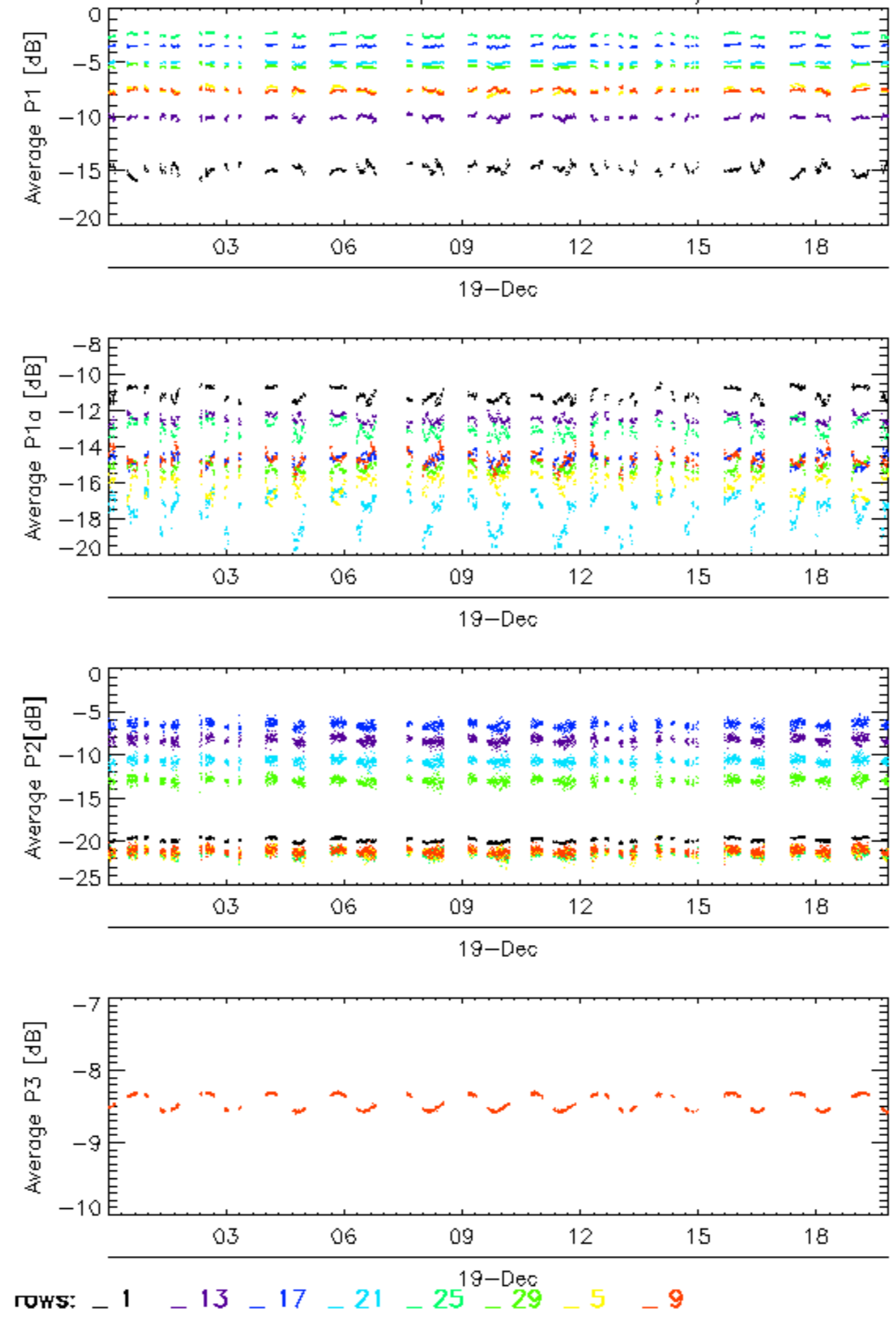
Calibration pulses for GM1 SS3 H/H



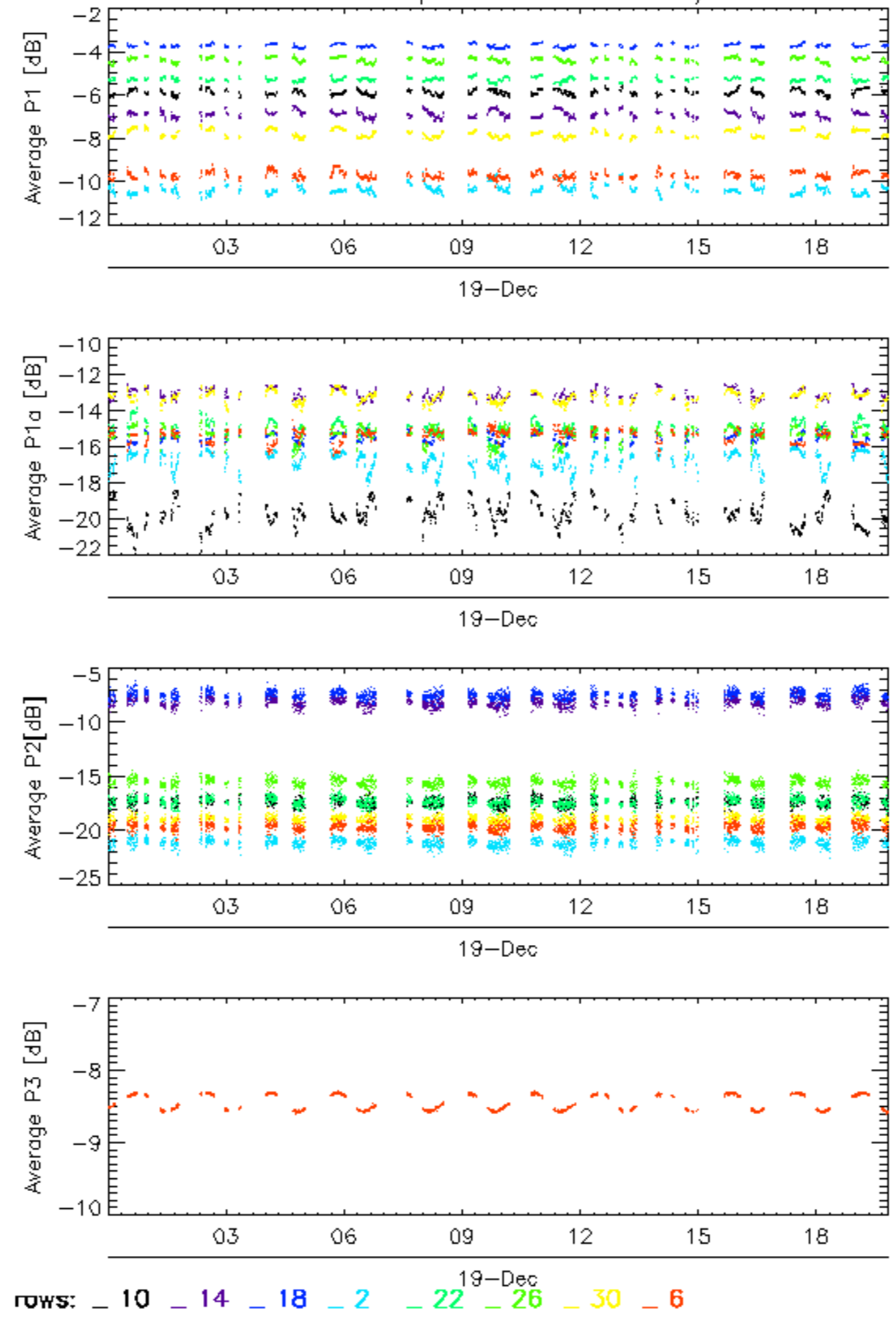
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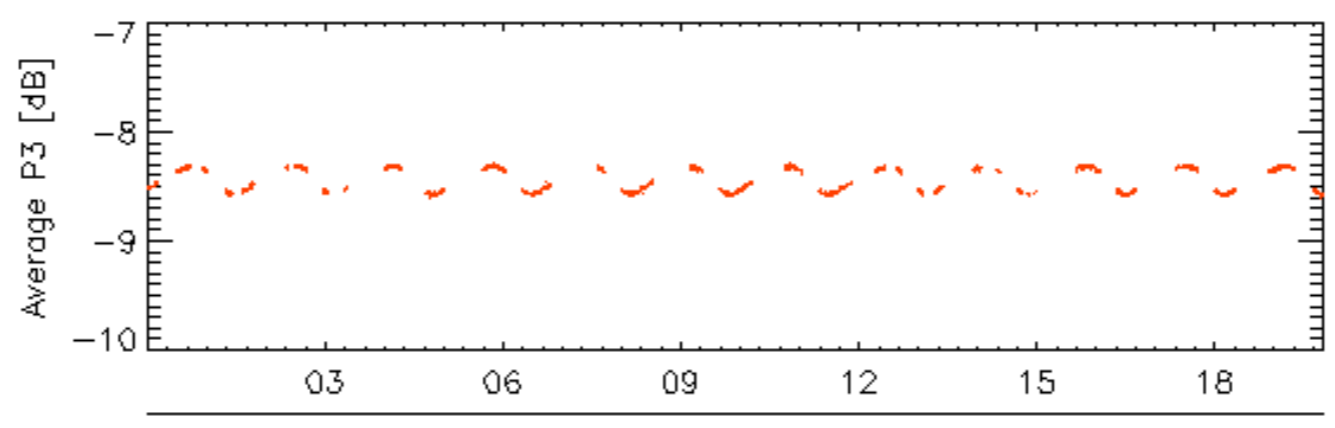
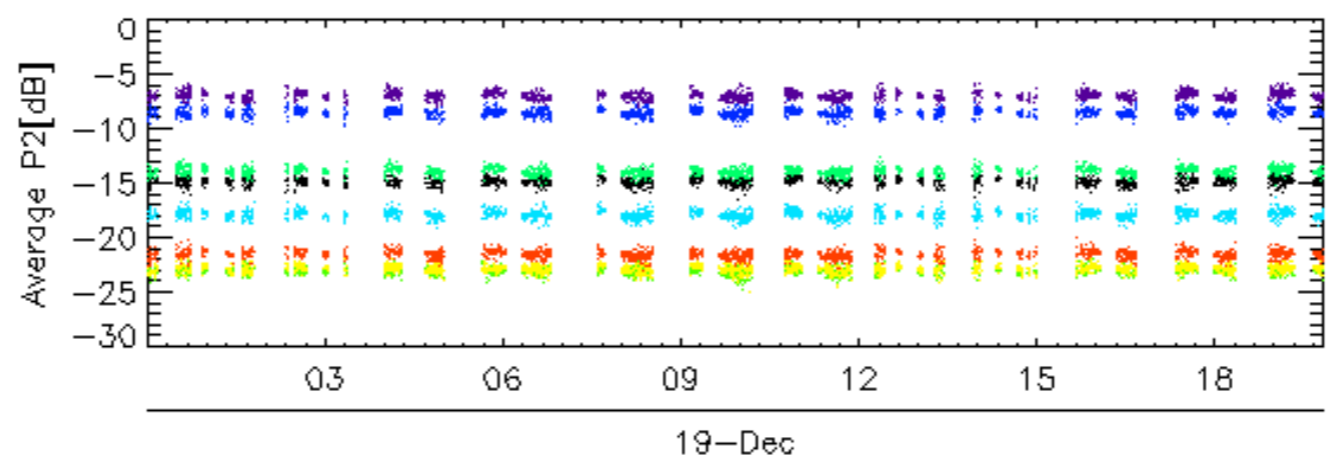
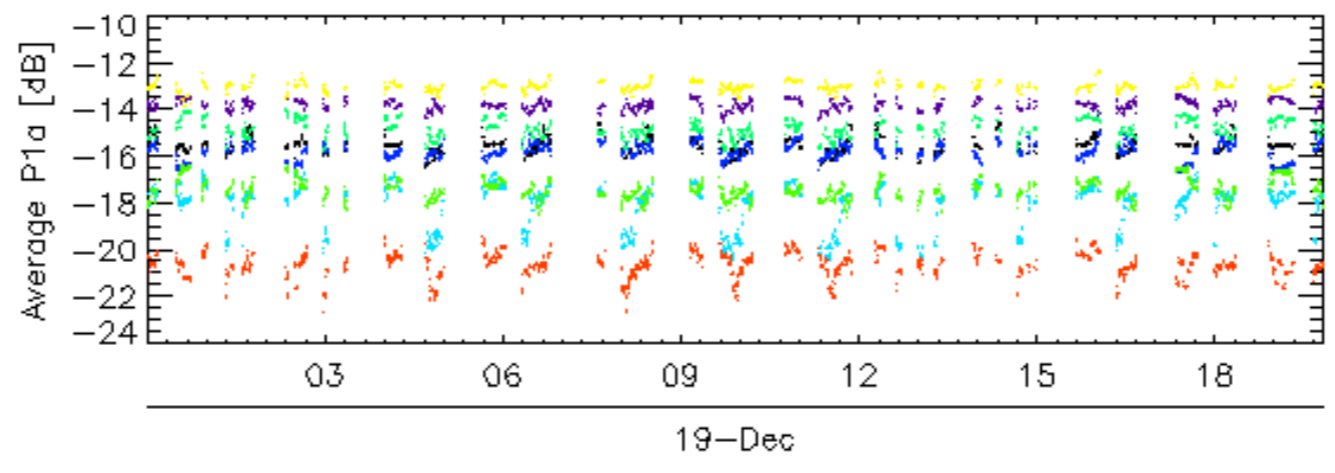
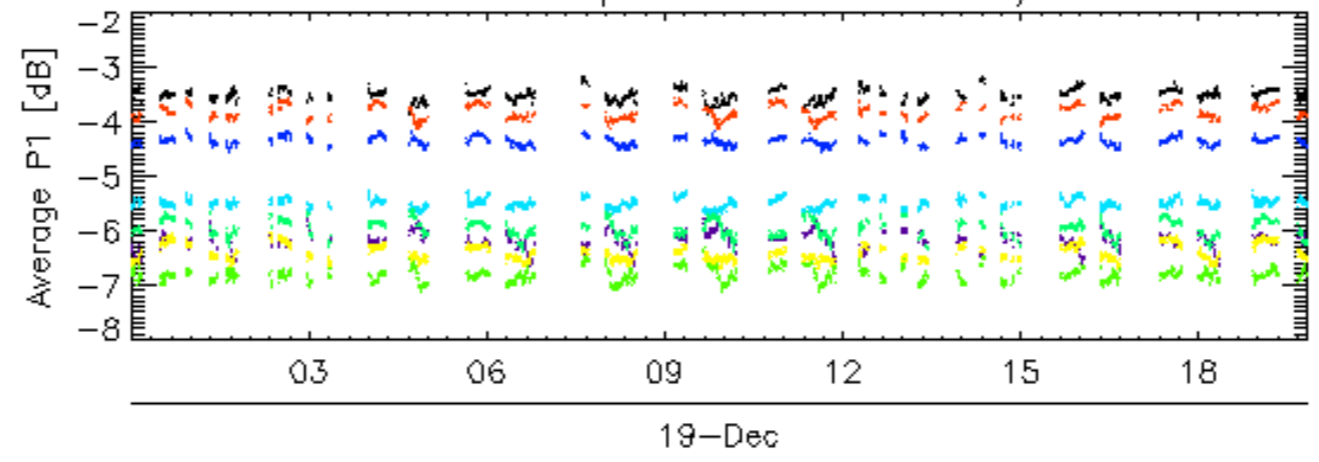
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

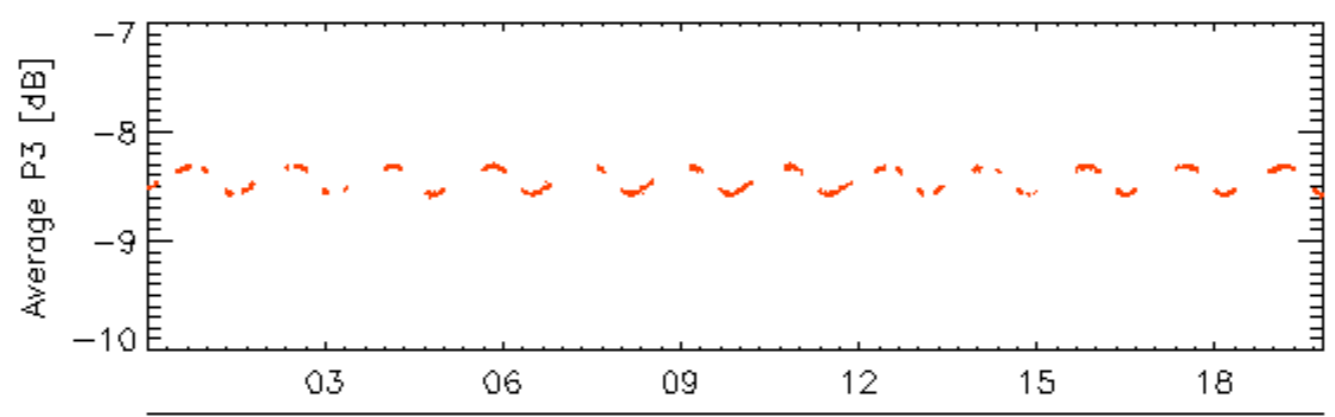
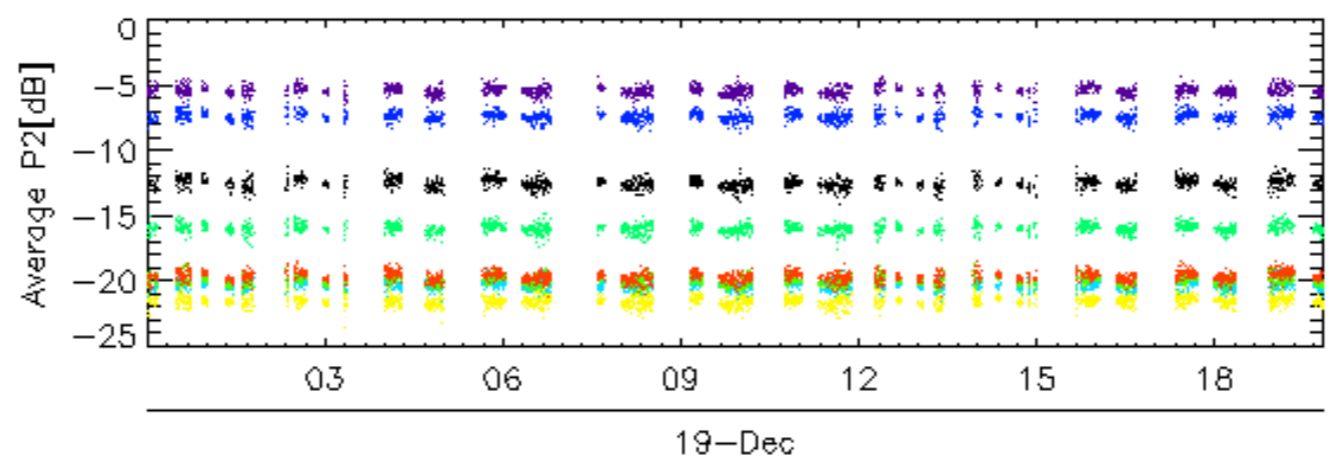
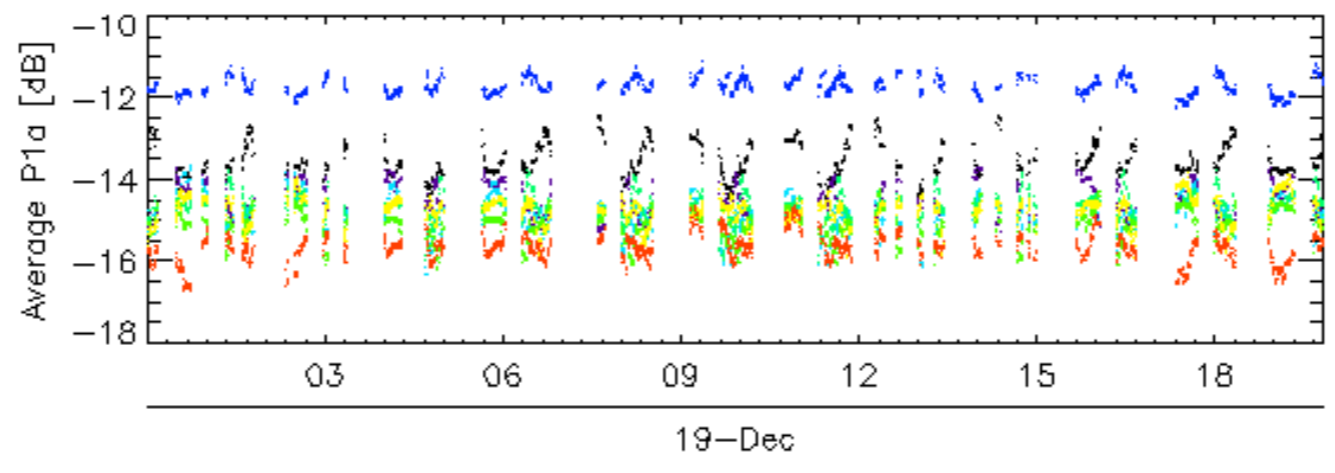
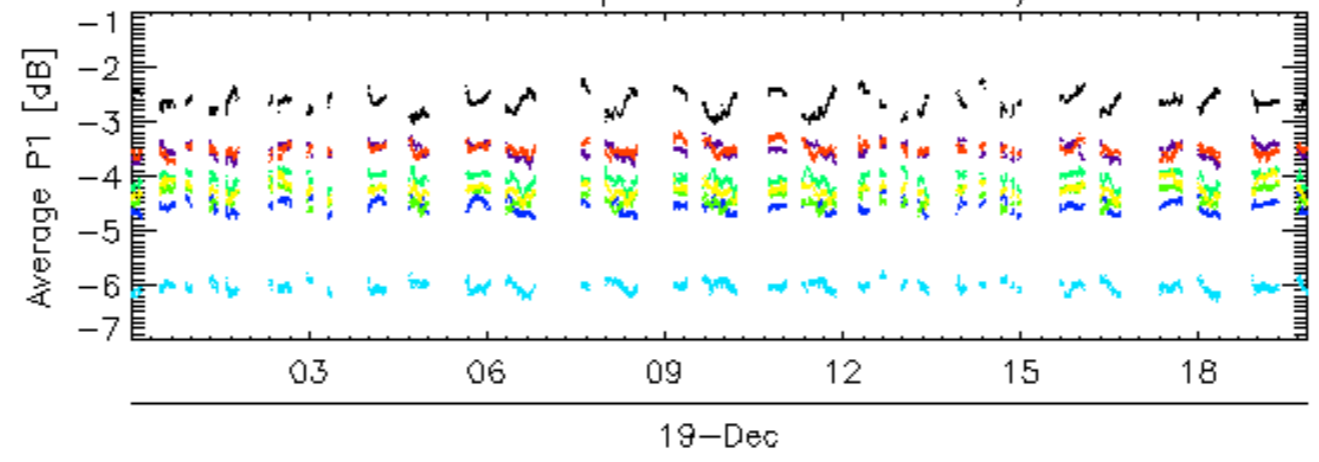


Calibration pulses for WVS IS2 V/V

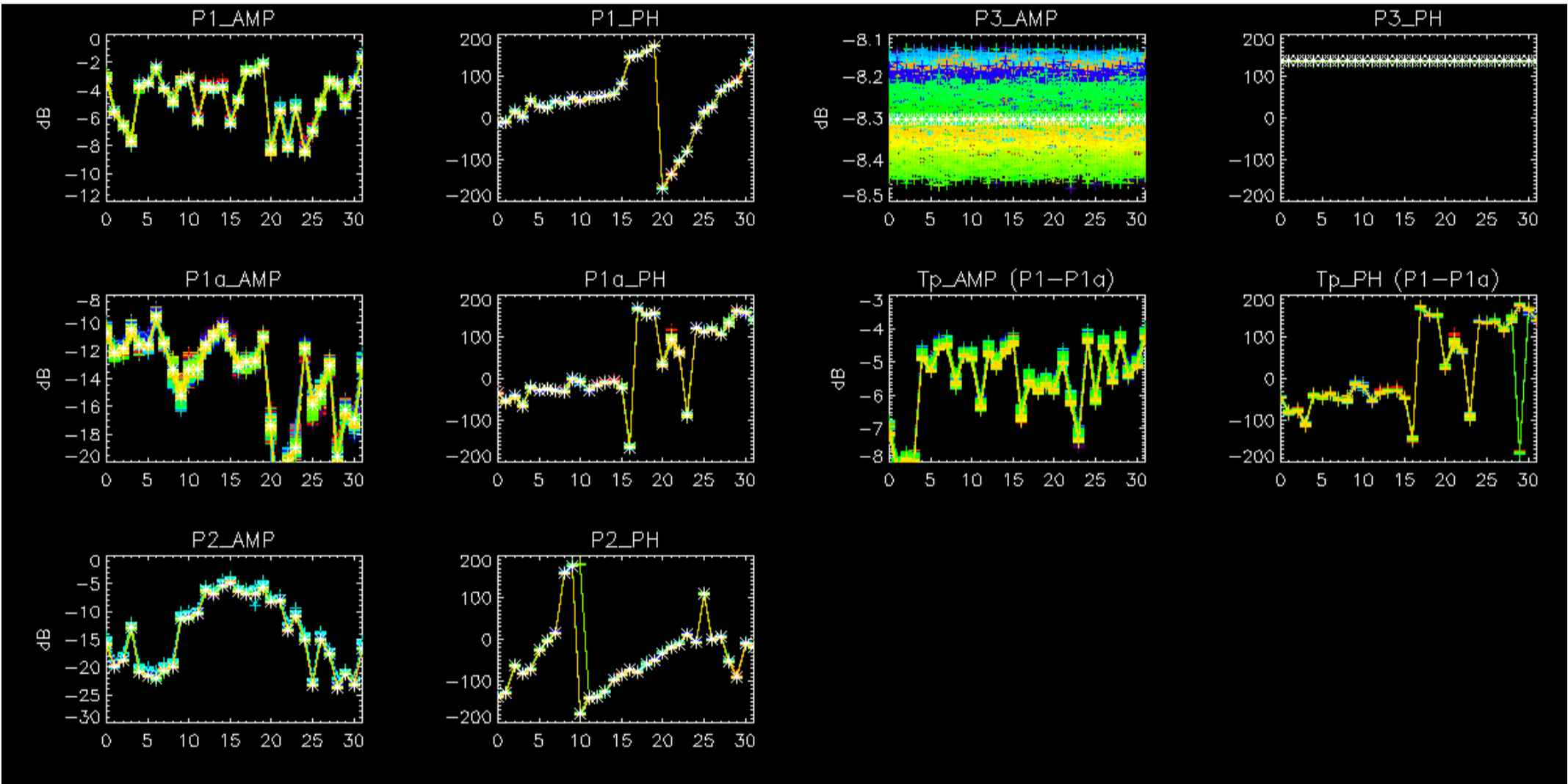


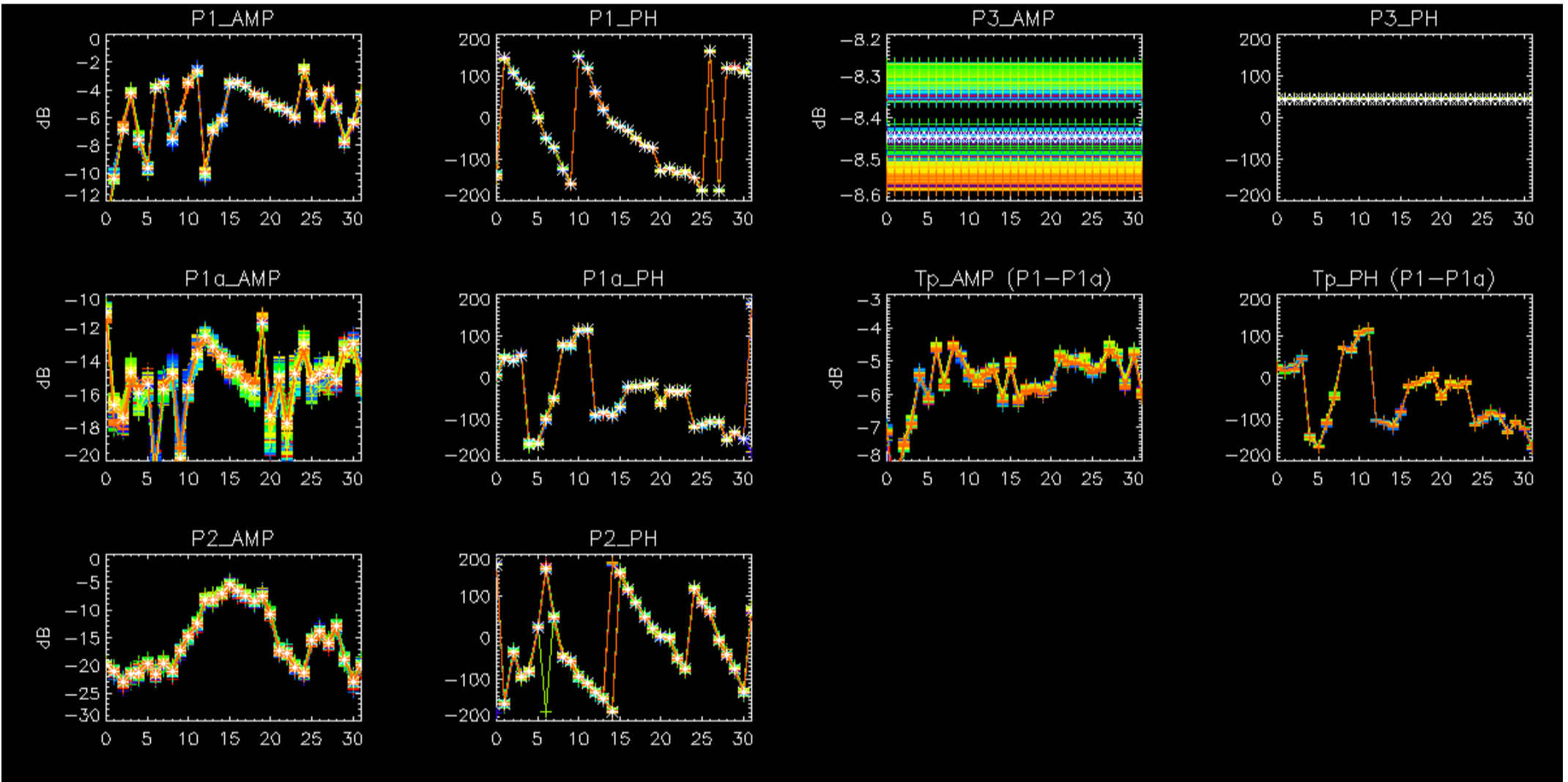
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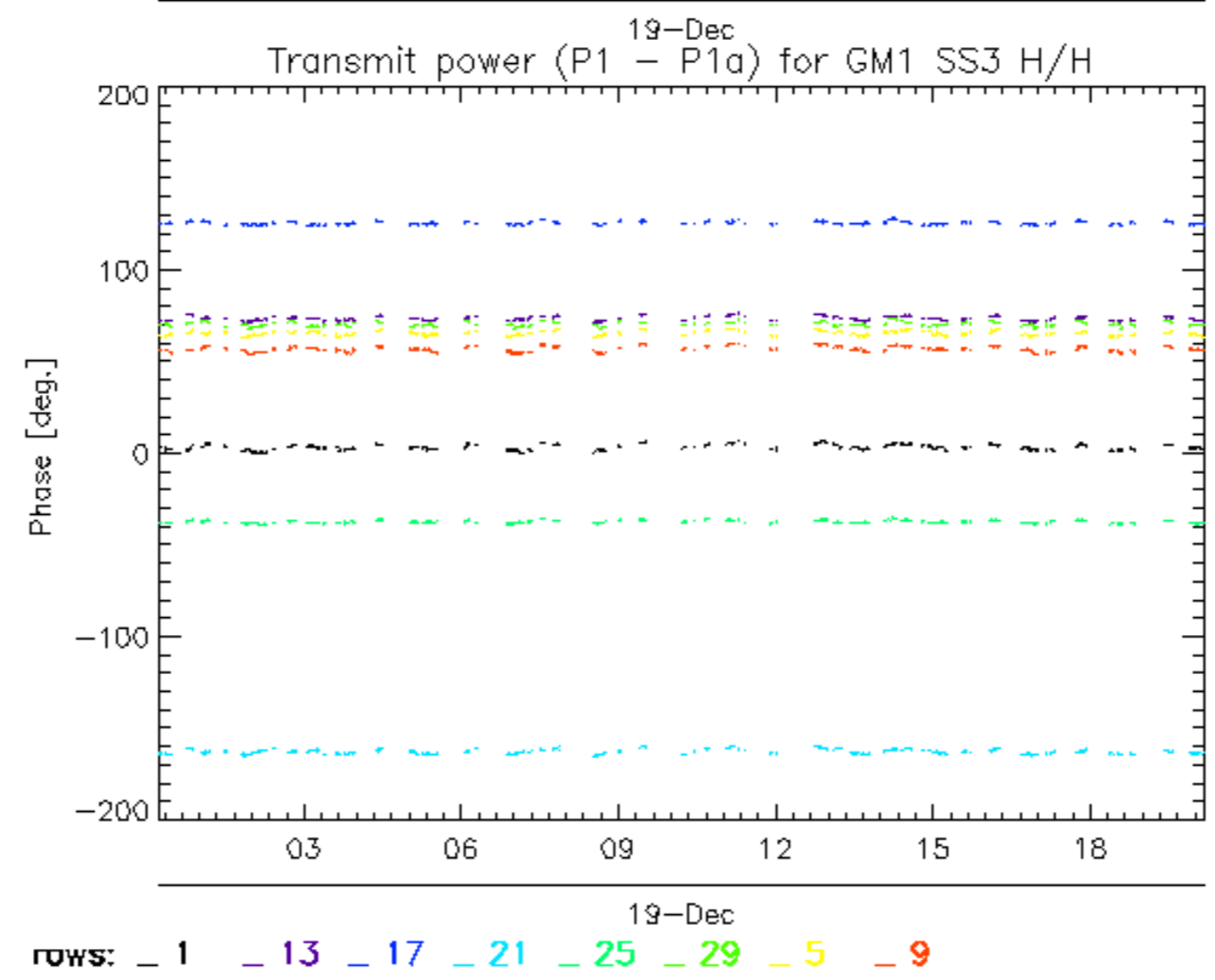
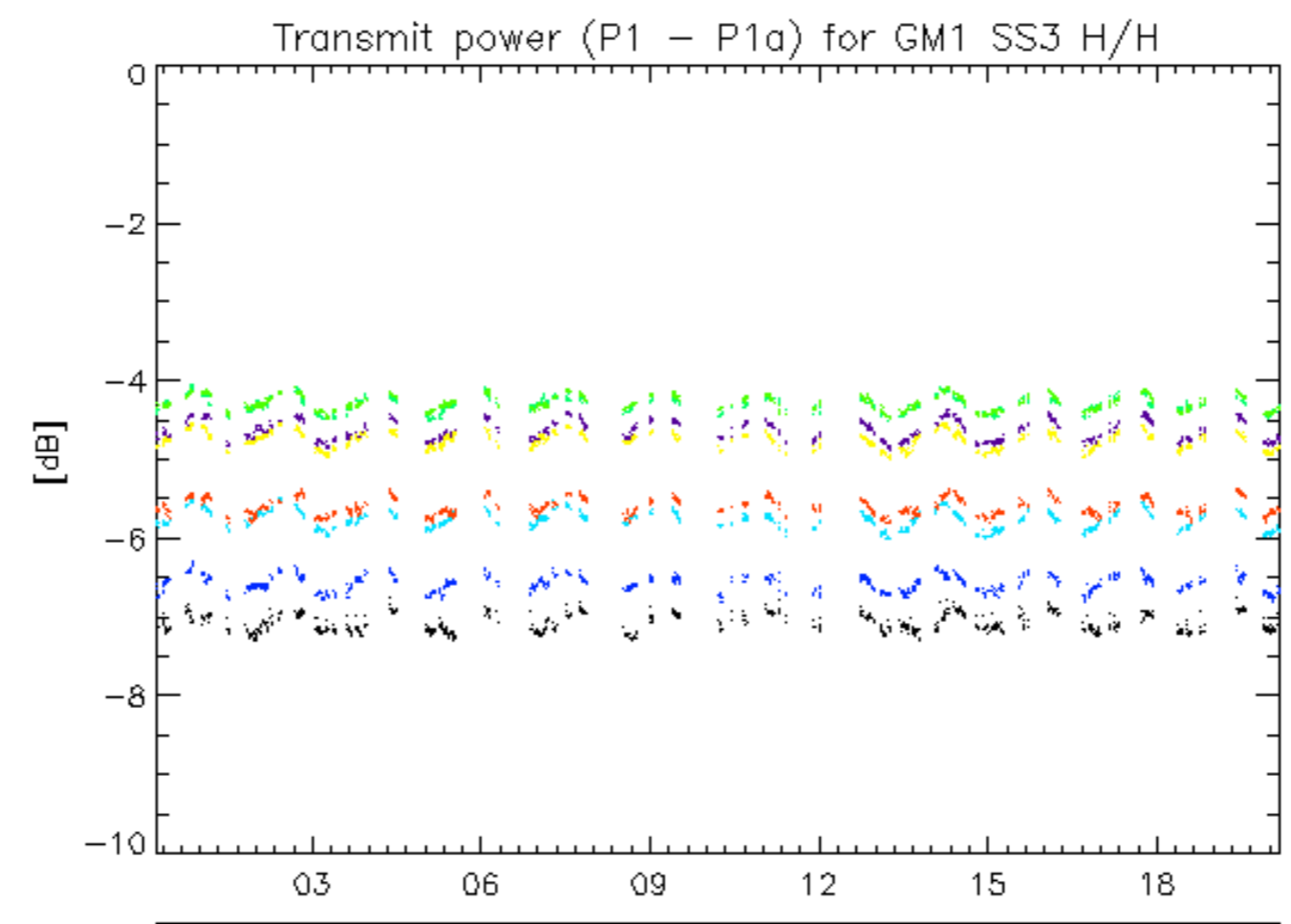
Calibration pulses for WVS IS2 V/V

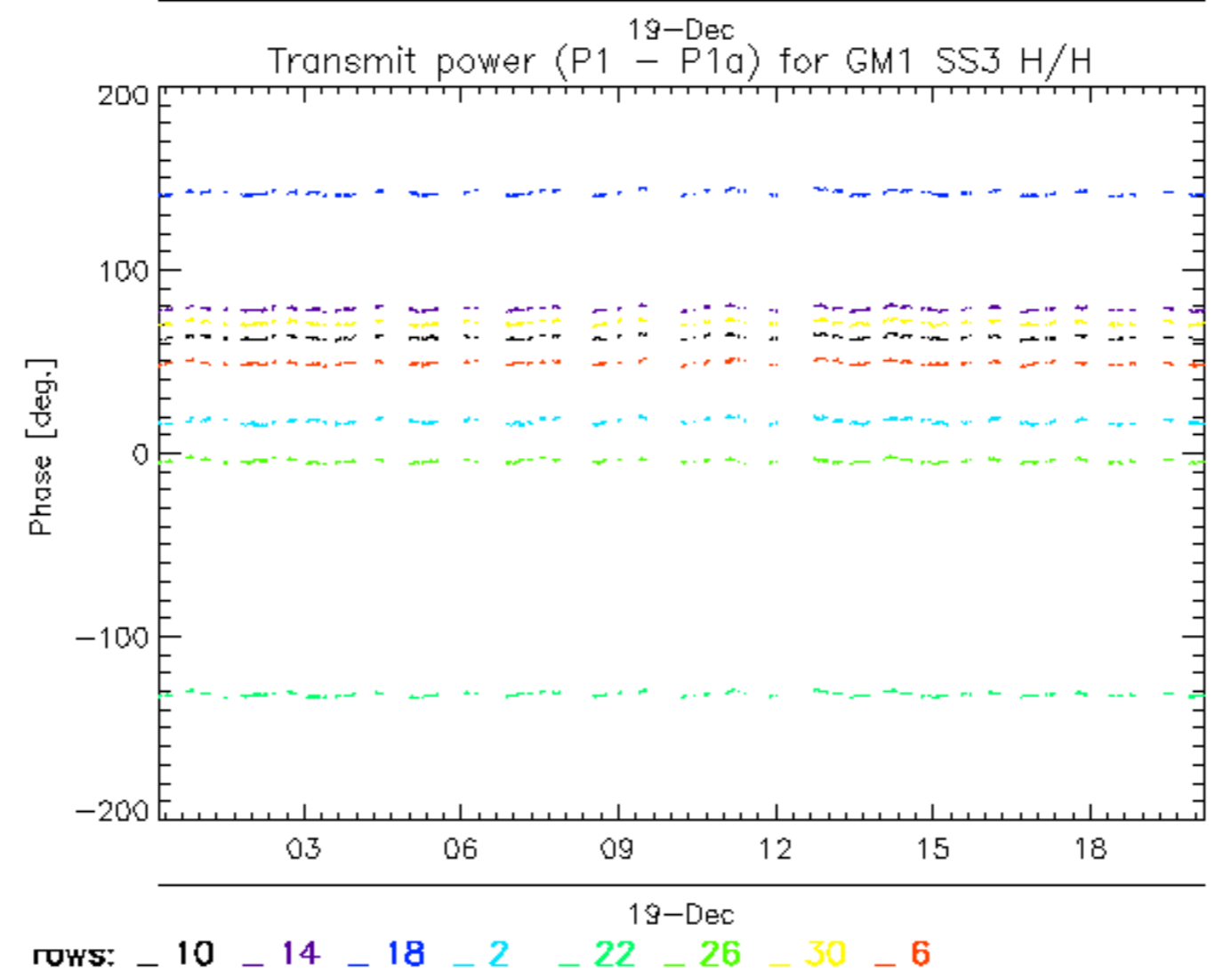
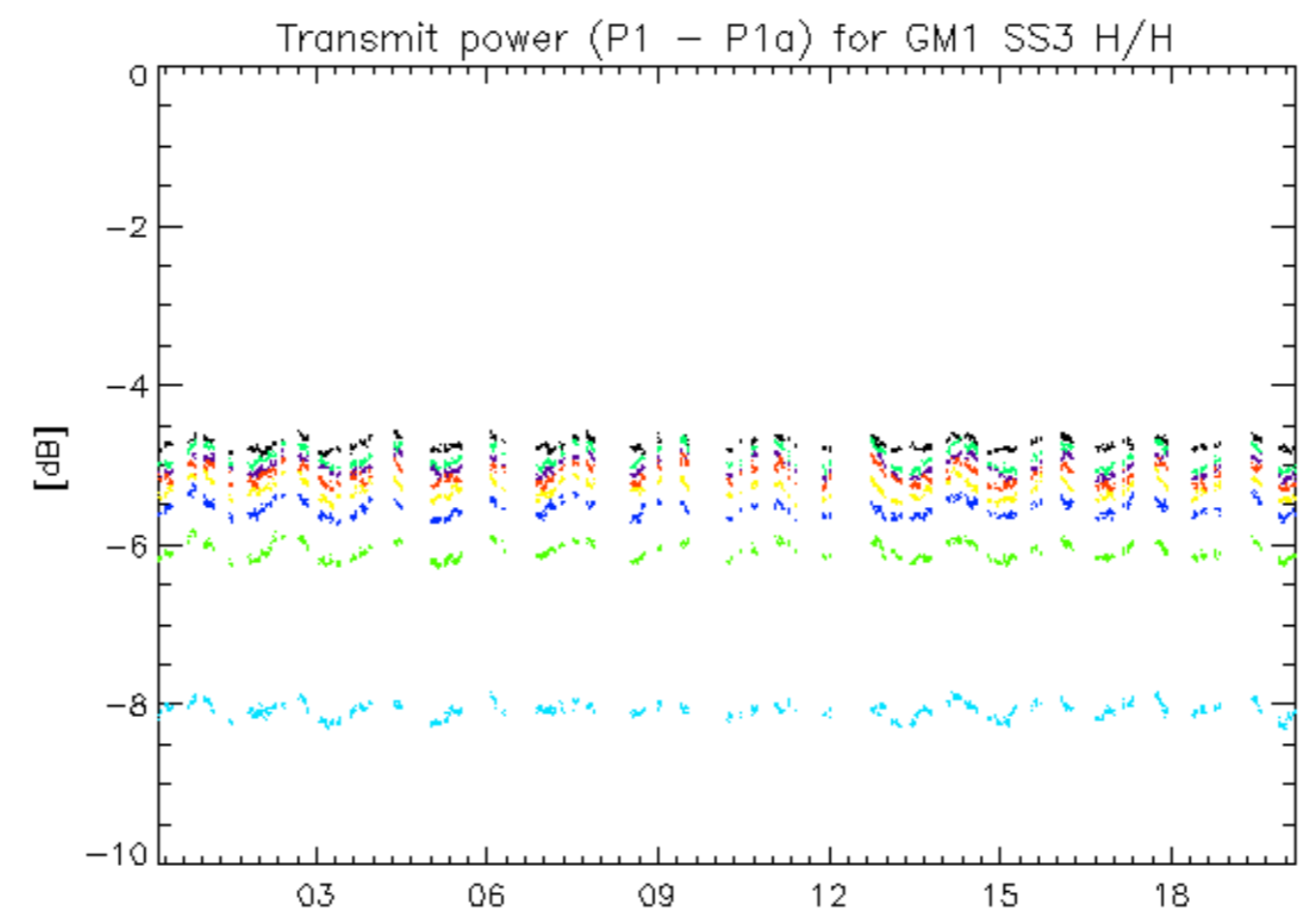


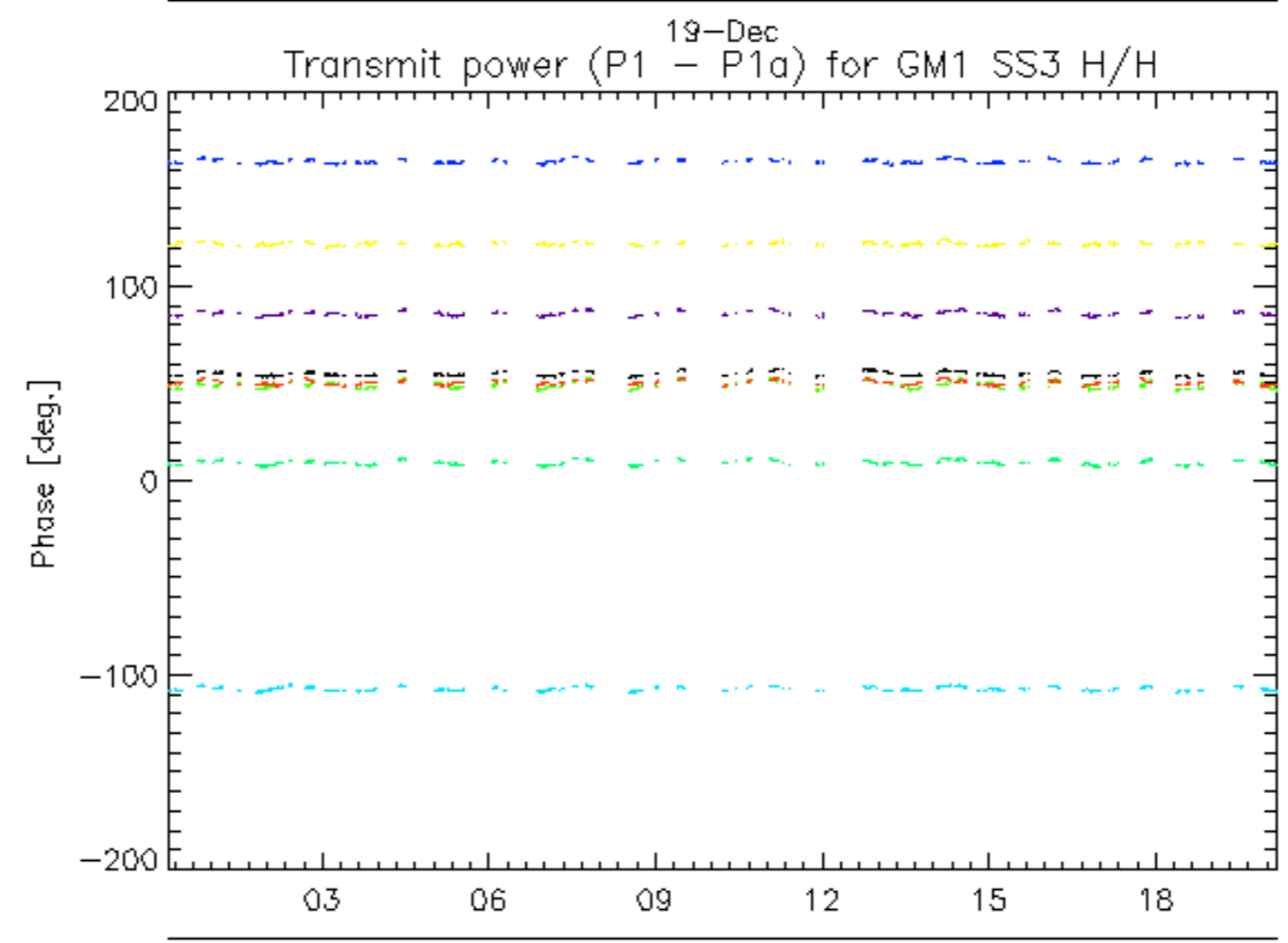
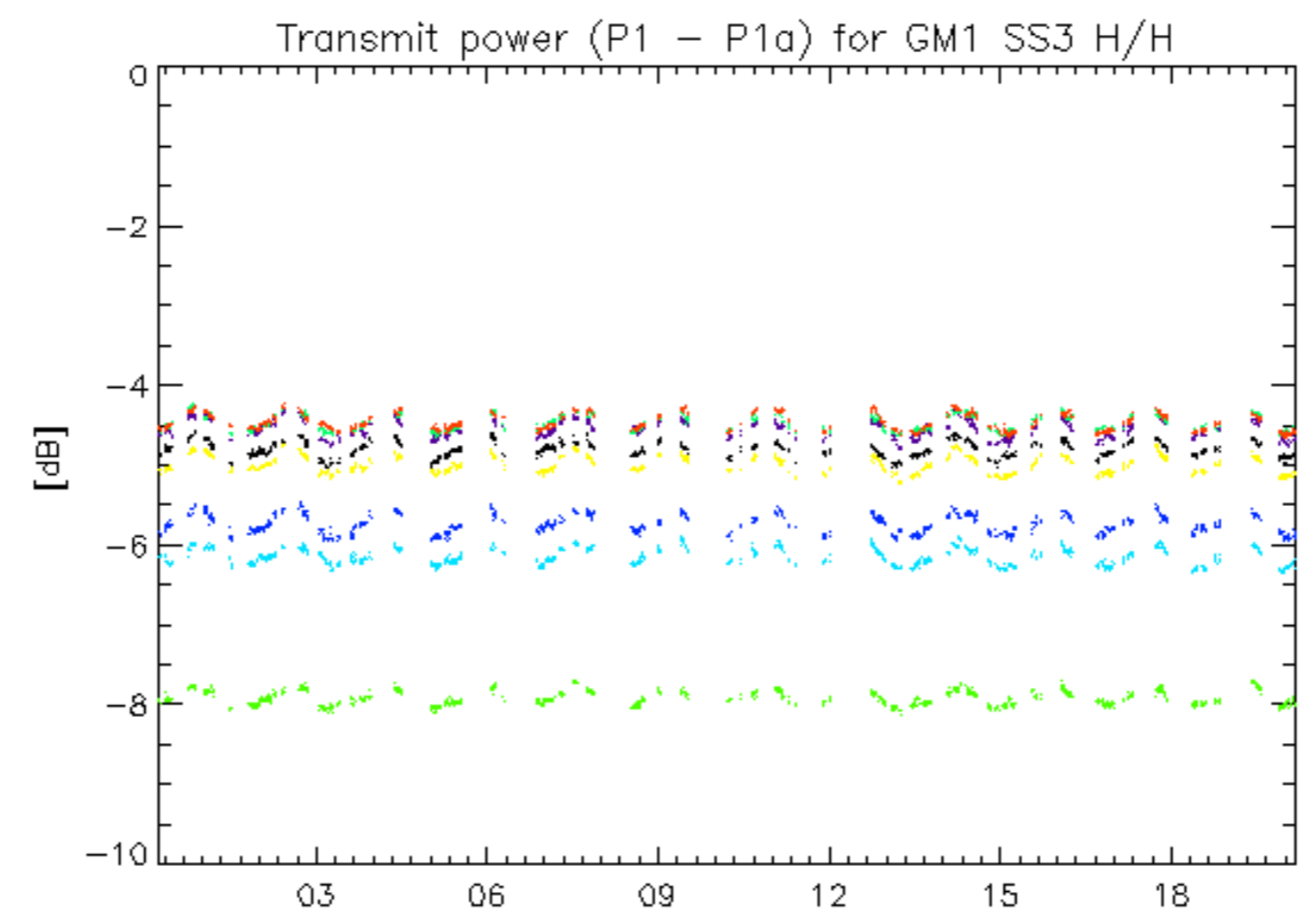
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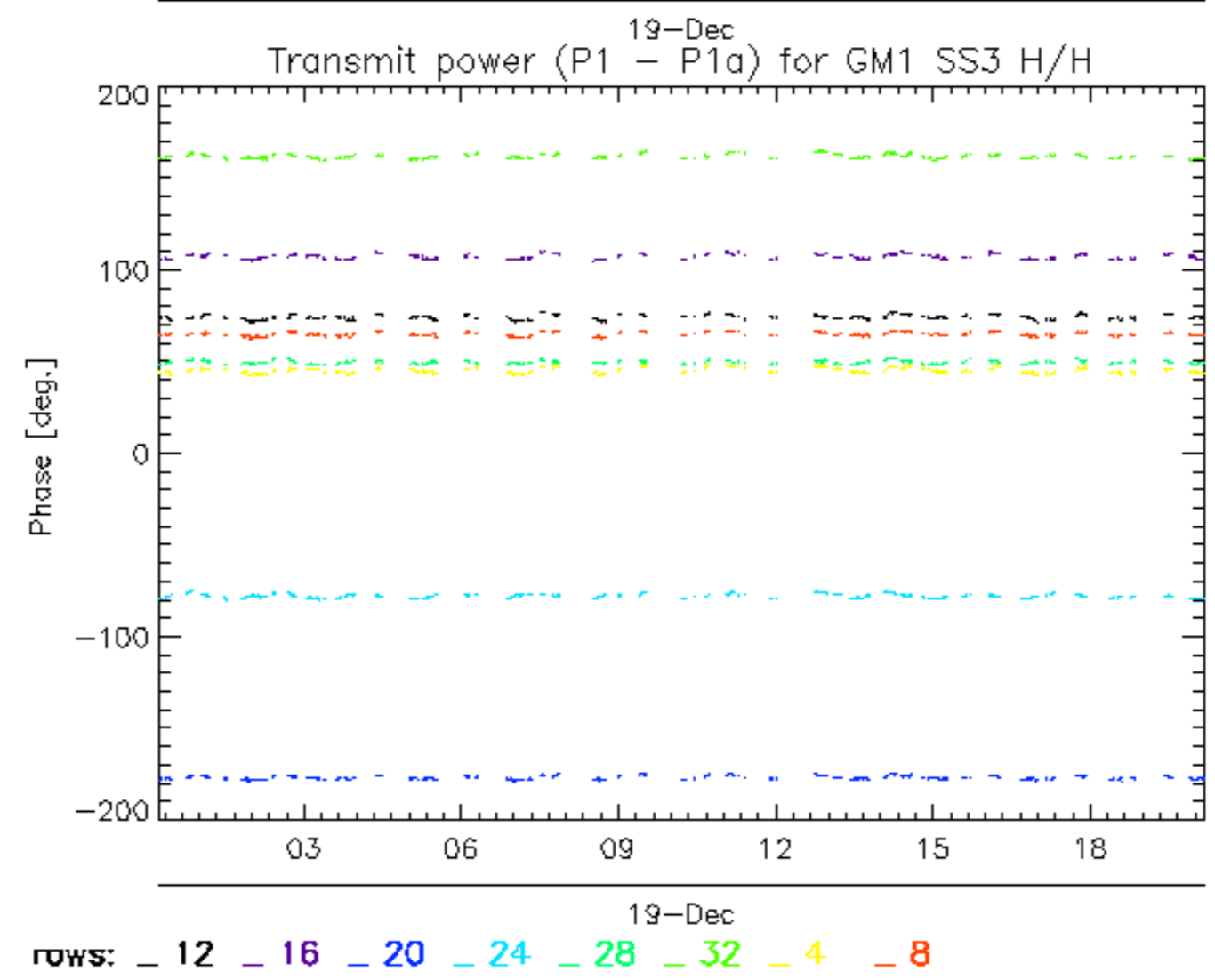
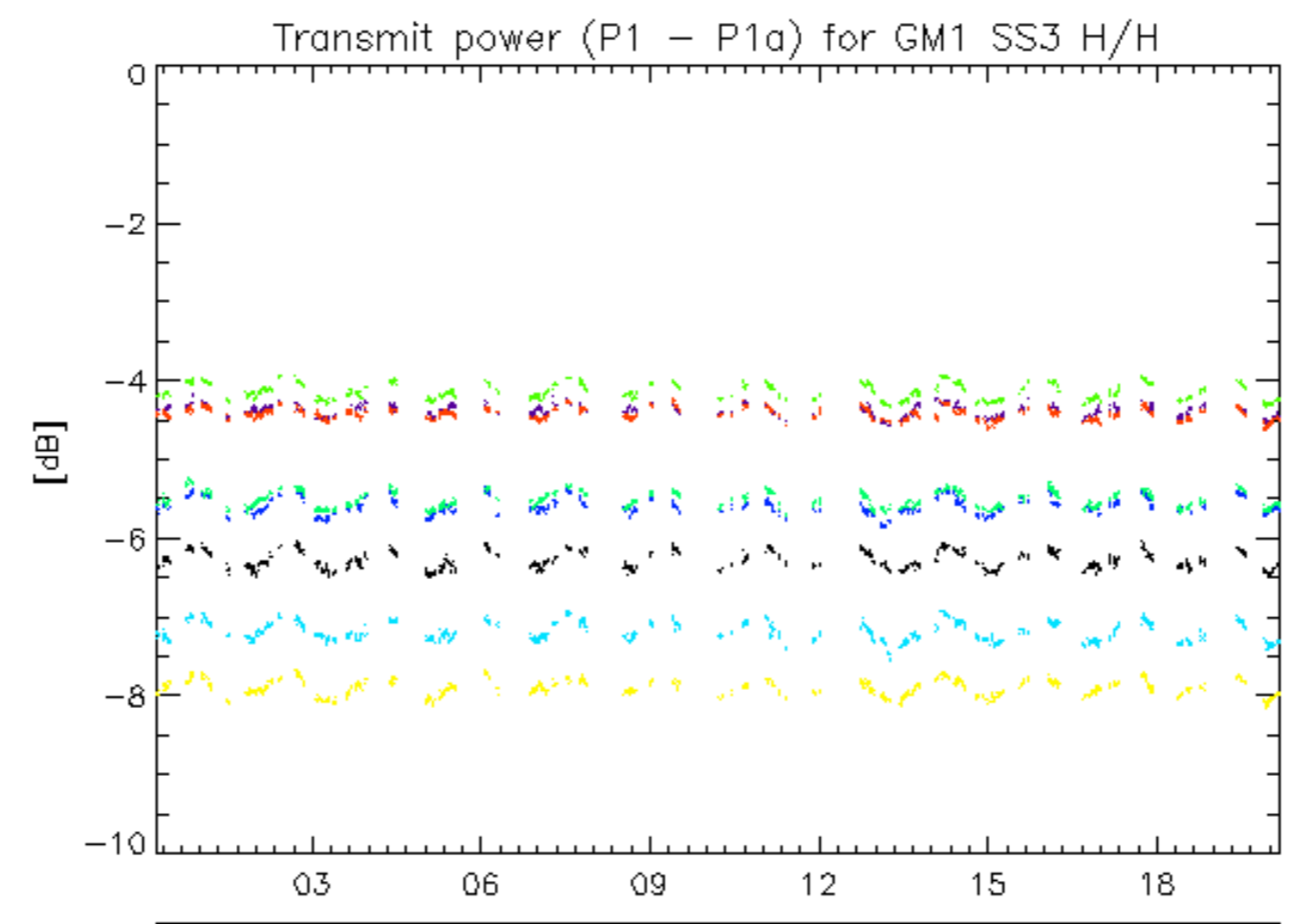


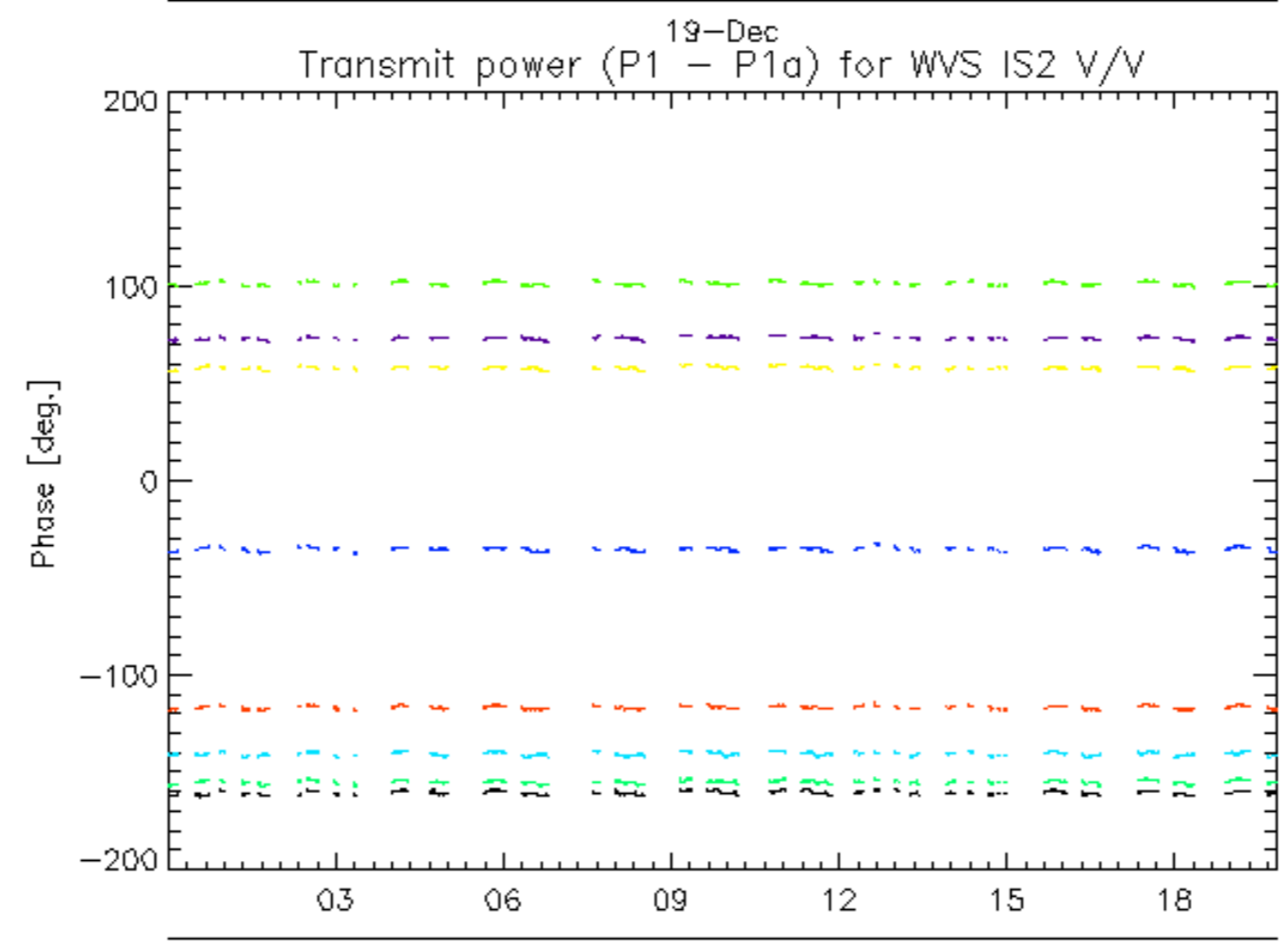
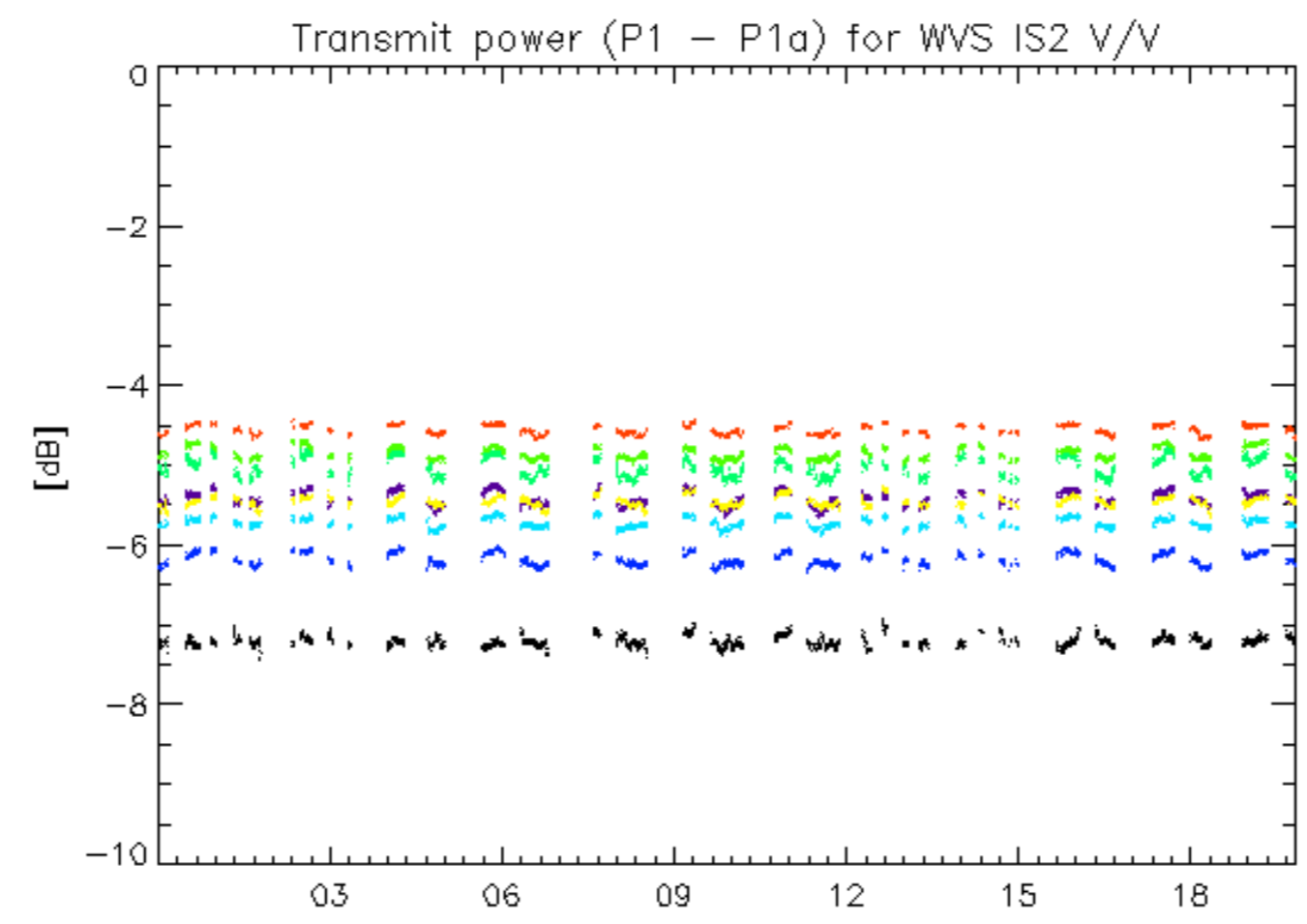




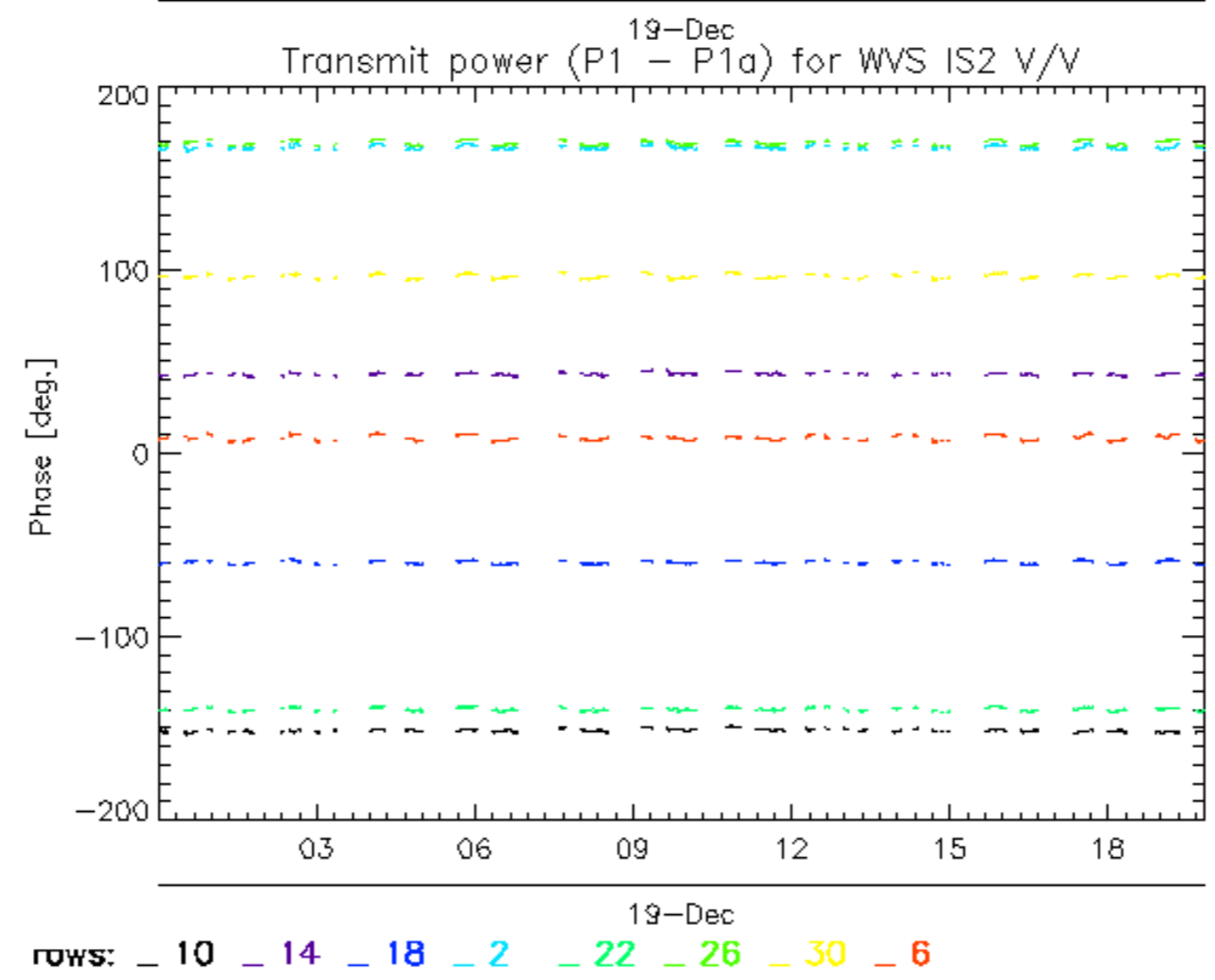
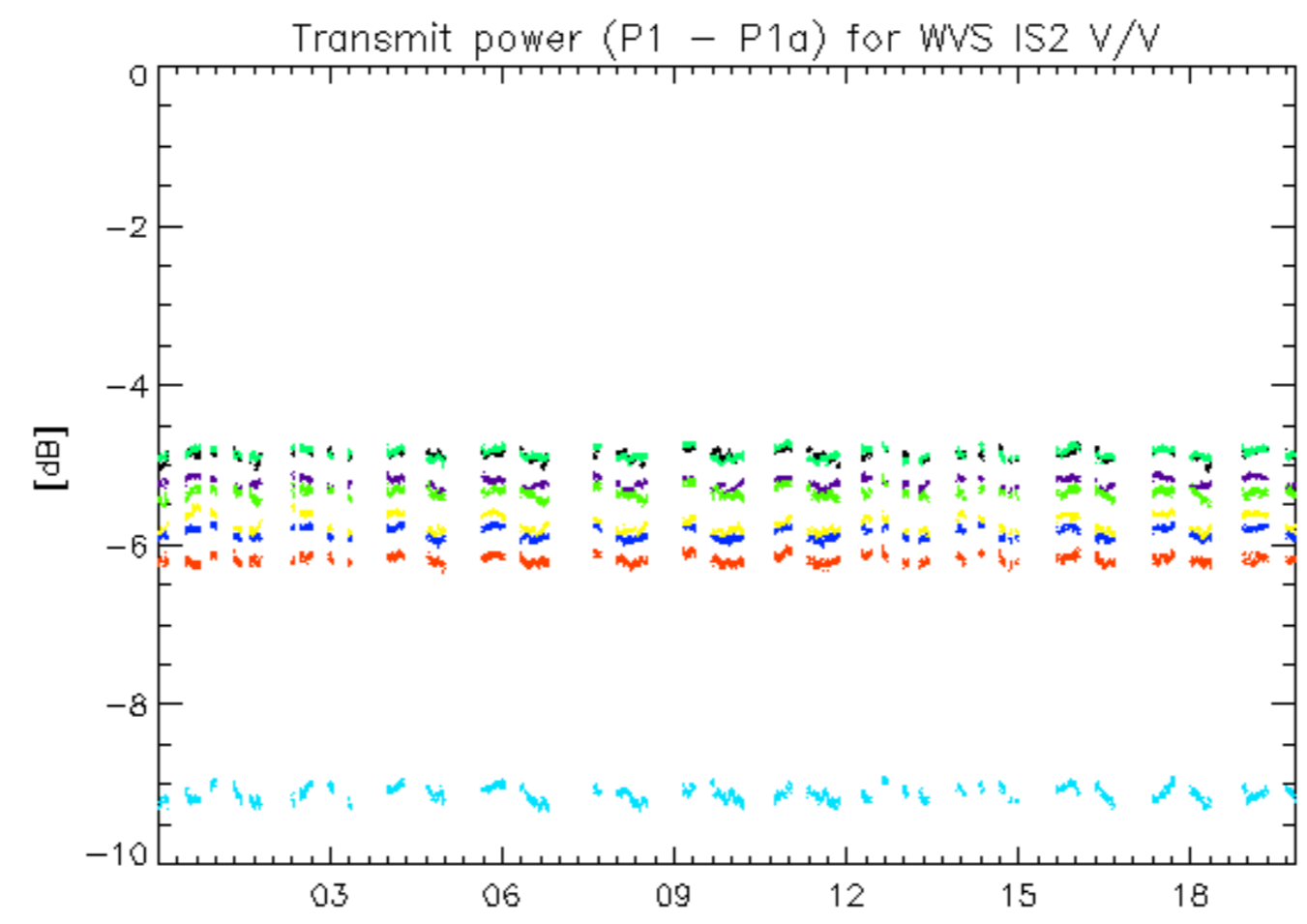


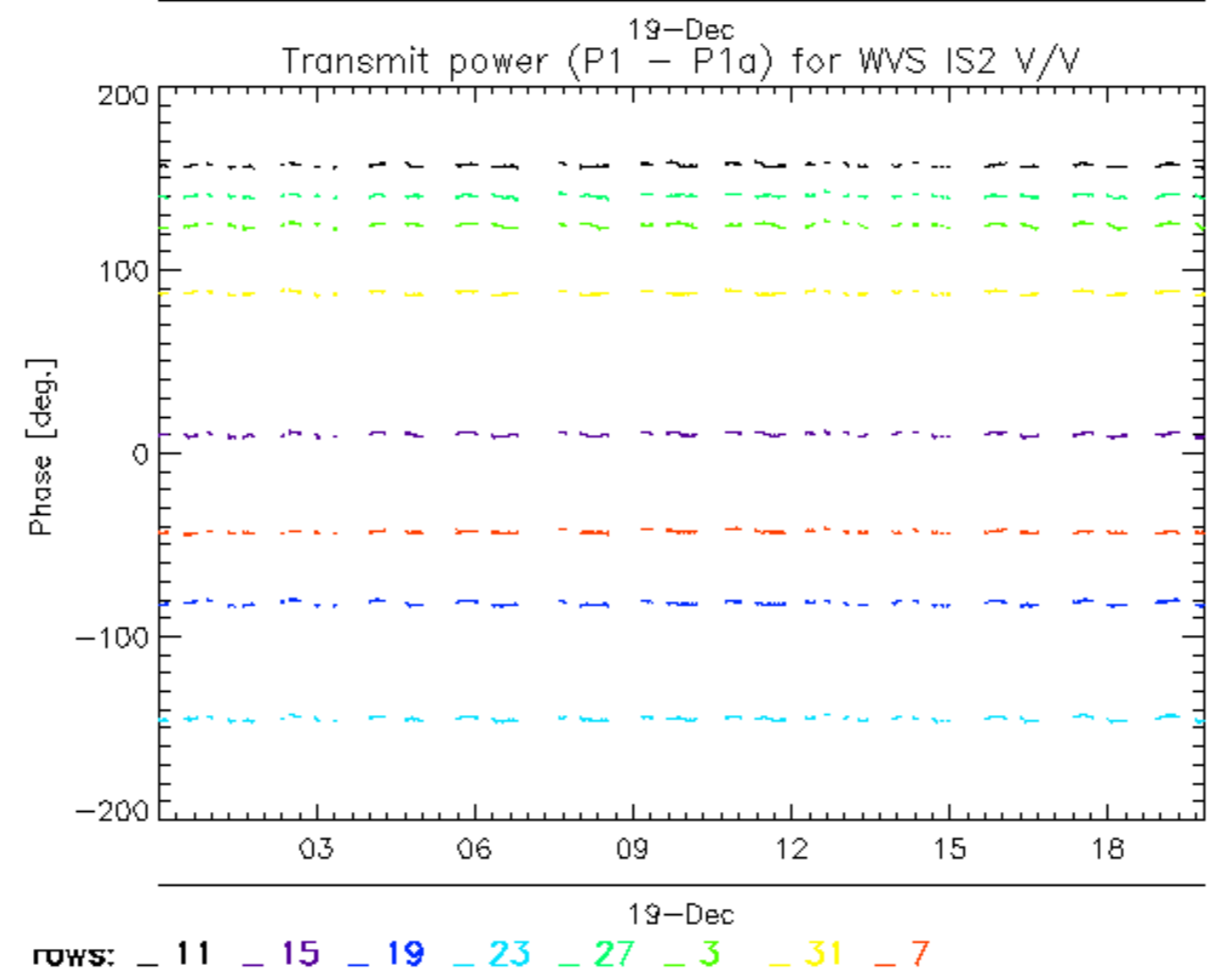
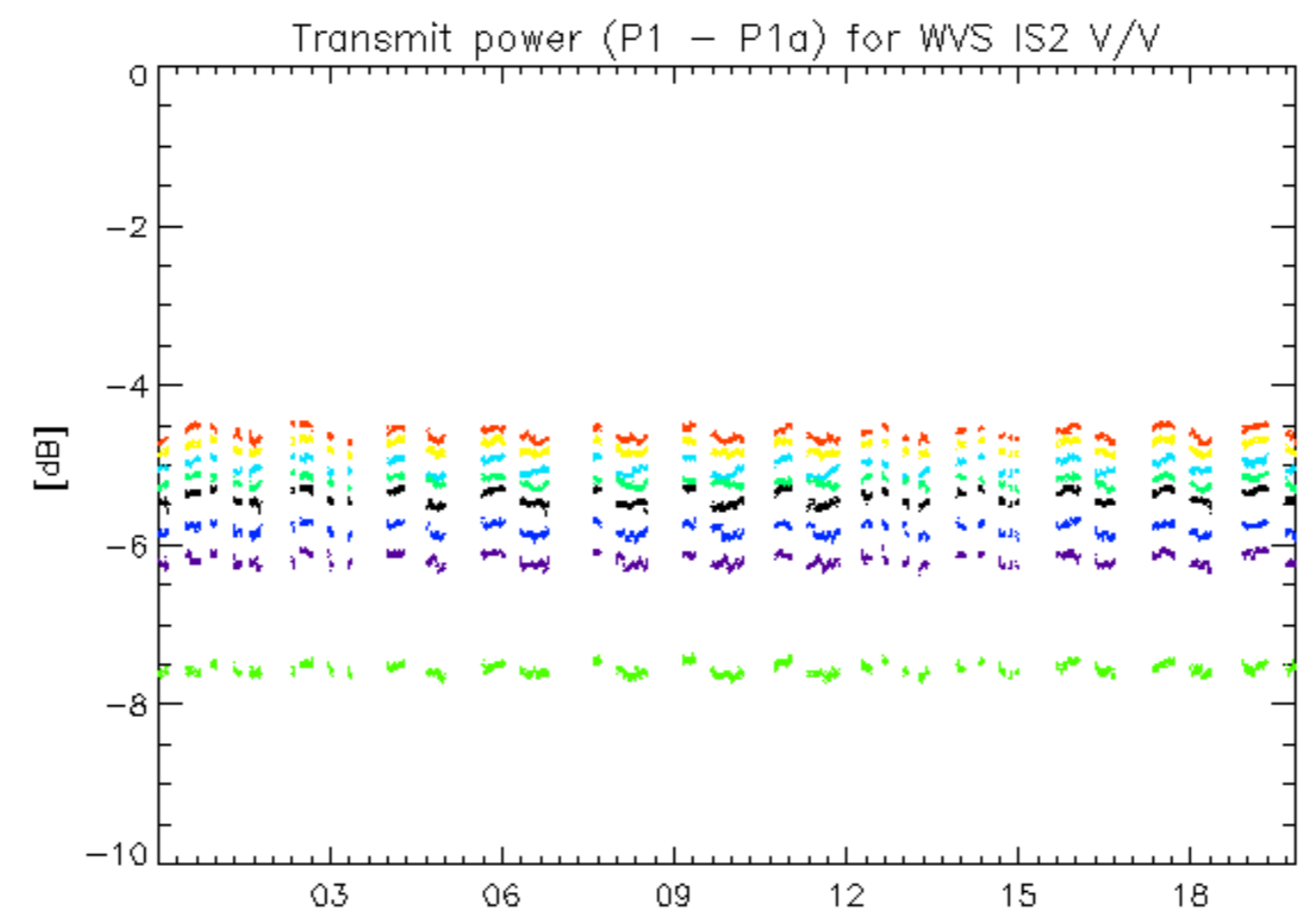
19-Dec
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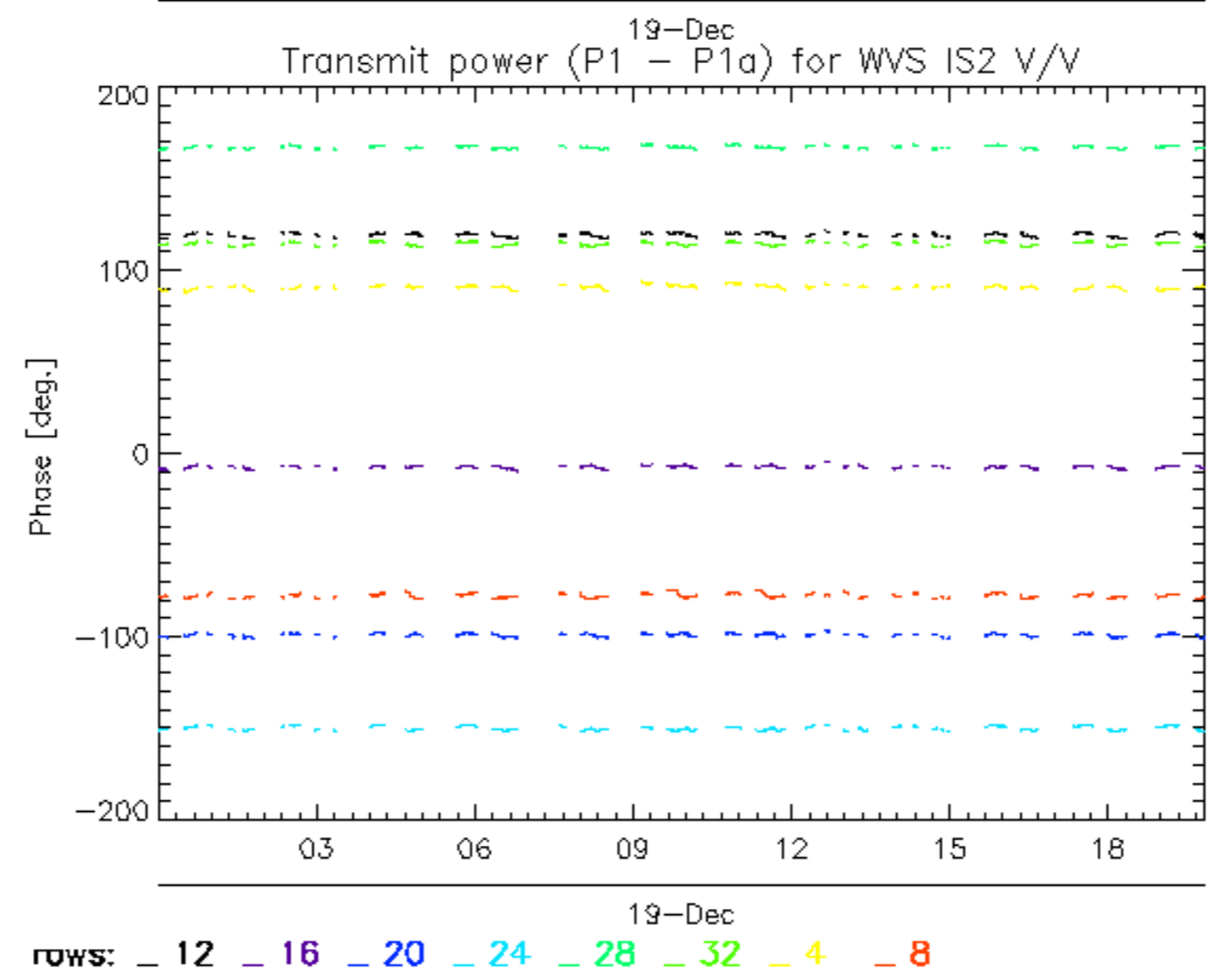
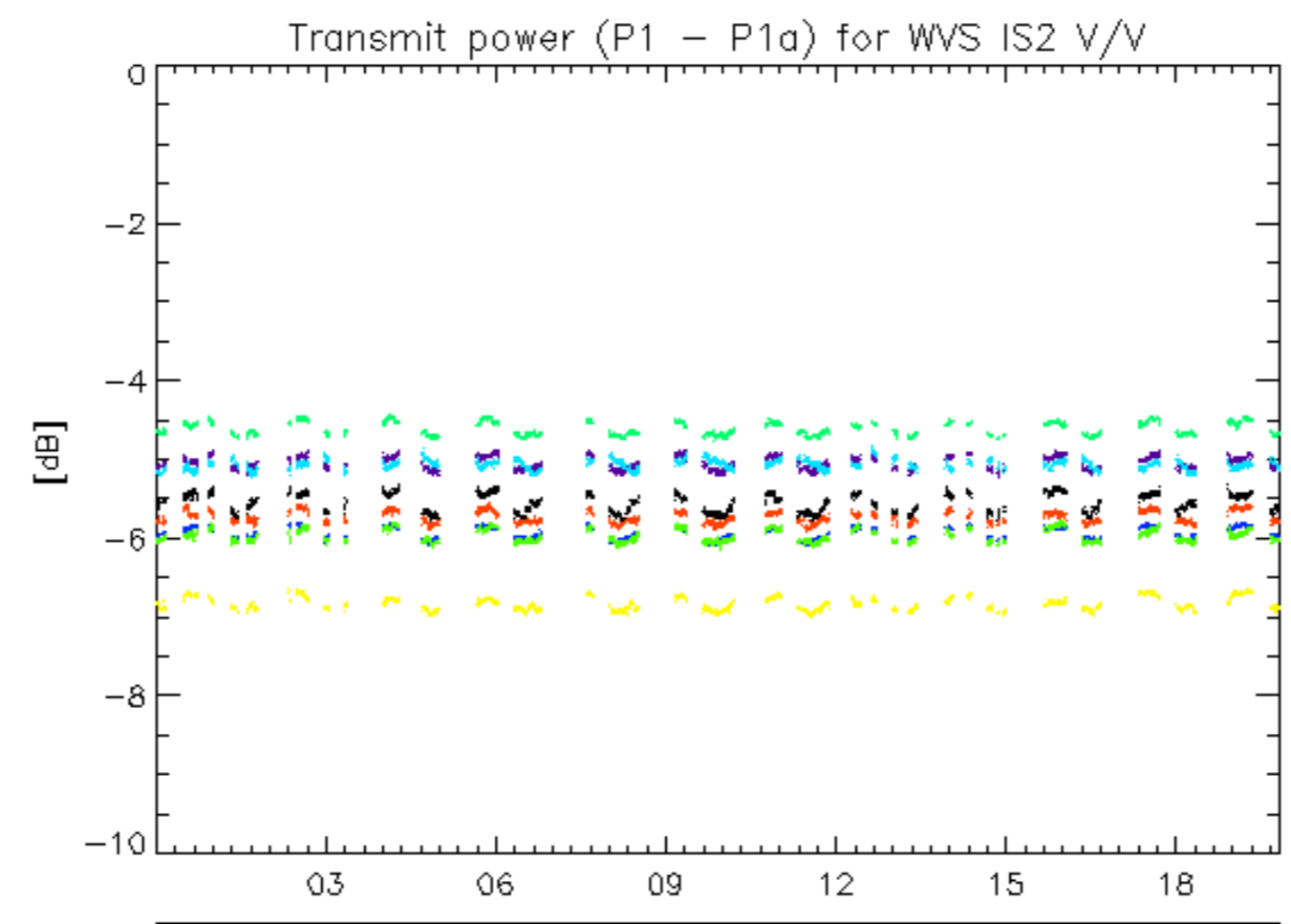


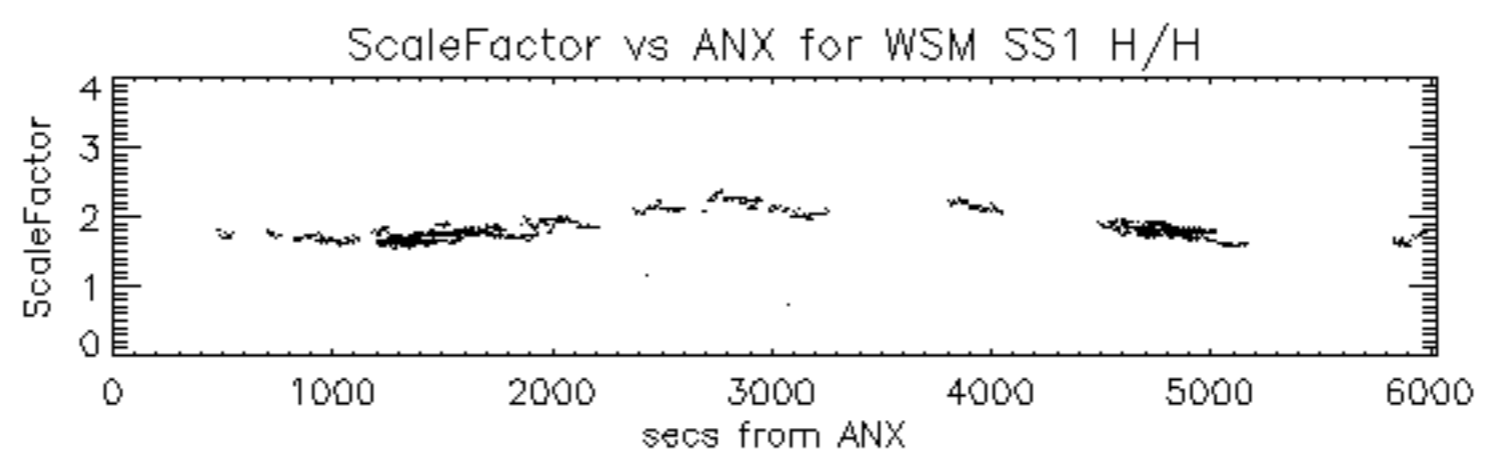


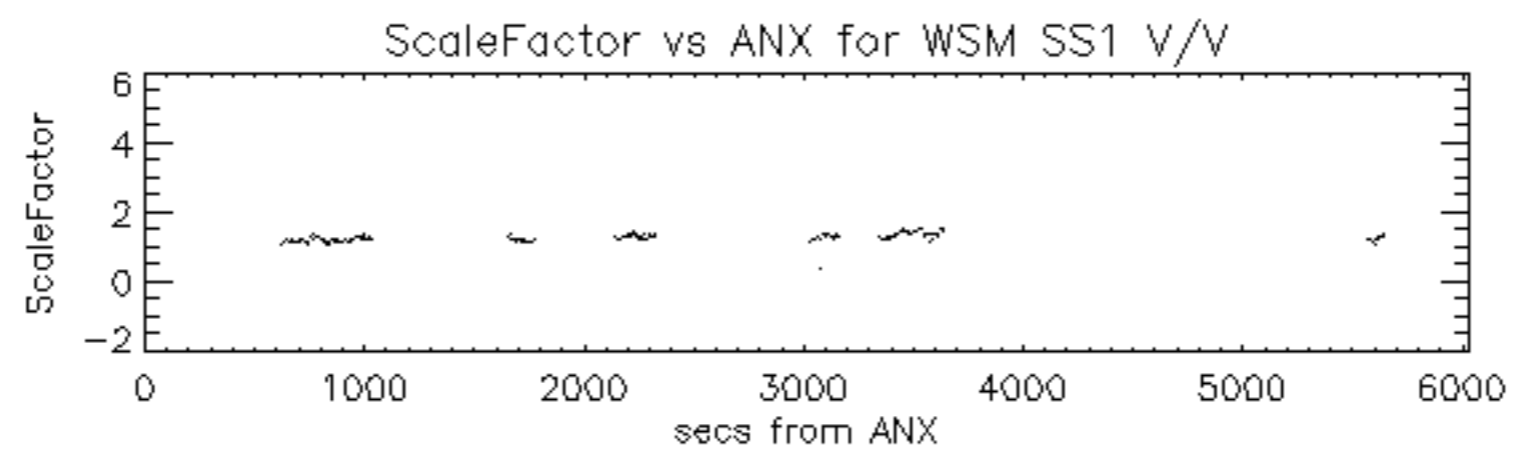
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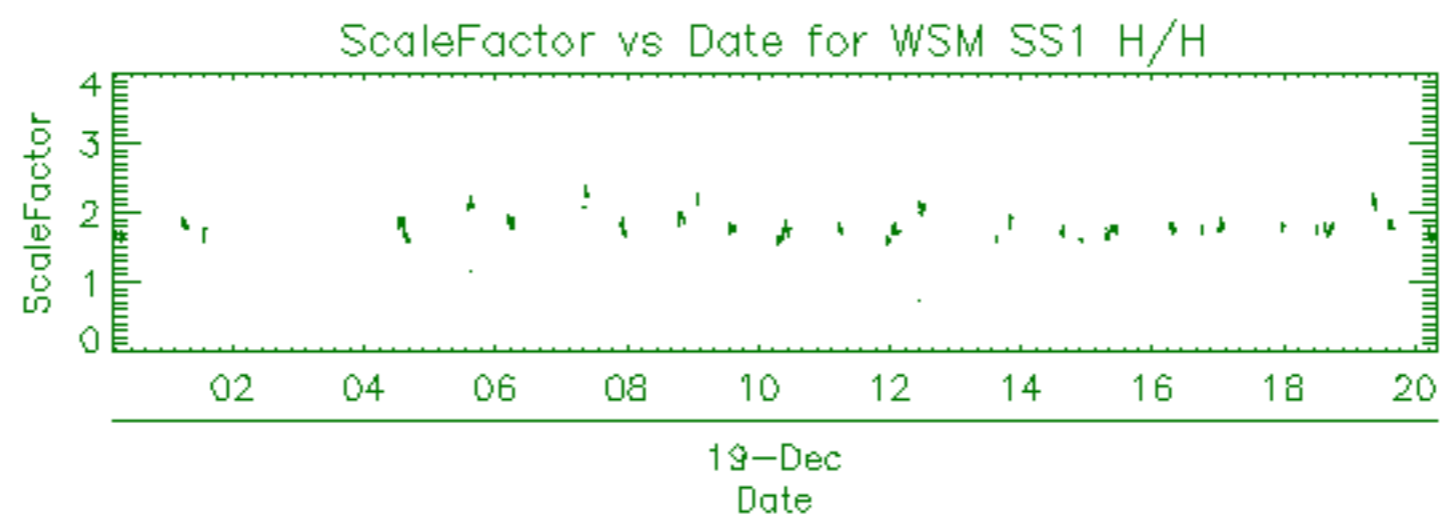


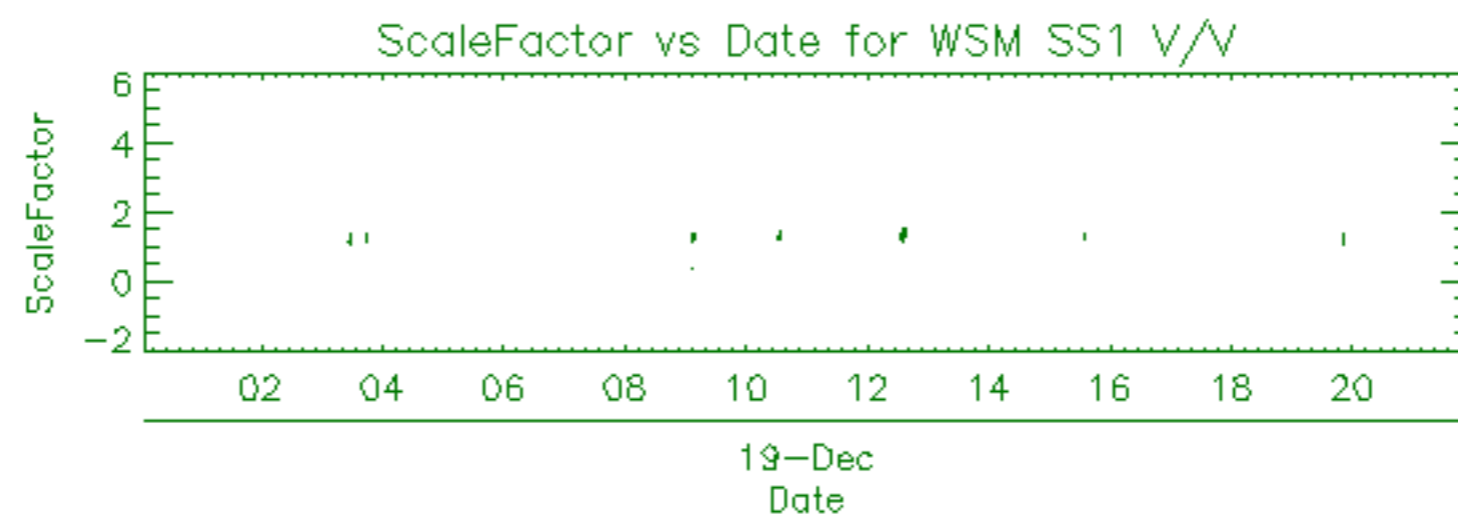












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20111219_022630_000000703109_00391_51267_0924.N1						IS2	H/H	109	51267	391	5.04
ASA_APM_1PNPDE20111219_035803_000000873109_00392_51268_0922.N1						IS4	H/H	109	51268	392	5.04
ASA_APM_1PNPDE20111219_072550_000001793109_00394_51270_1037.N1						IS1	V/V	109	51270	394	5.04
ASA_APM_1PNPDE20111219_072918_000000423109_00394_51270_1038.N1						IS4	H/H	109	51270	394	5.04
ASA_APM_1PNPDE20111219_140800_000000843109_00398_51274_1142.N1						IS4	H/H	109	51274	398	5.04
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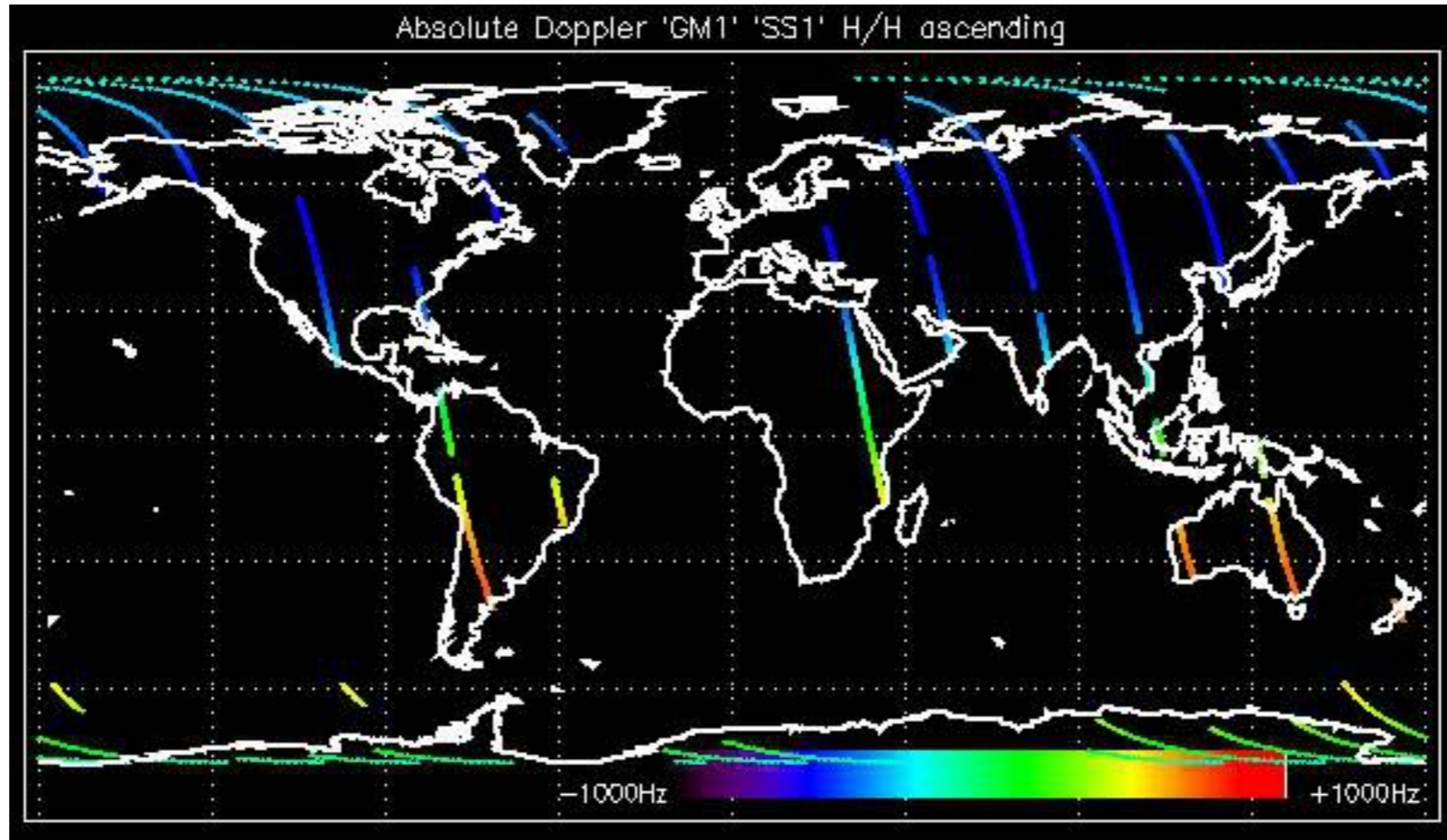
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ASA_GM1_1PNPDK20111219_195234_000008163109_00401_51277_6390.N1	SS1	H/H	109	51277	401	5.04
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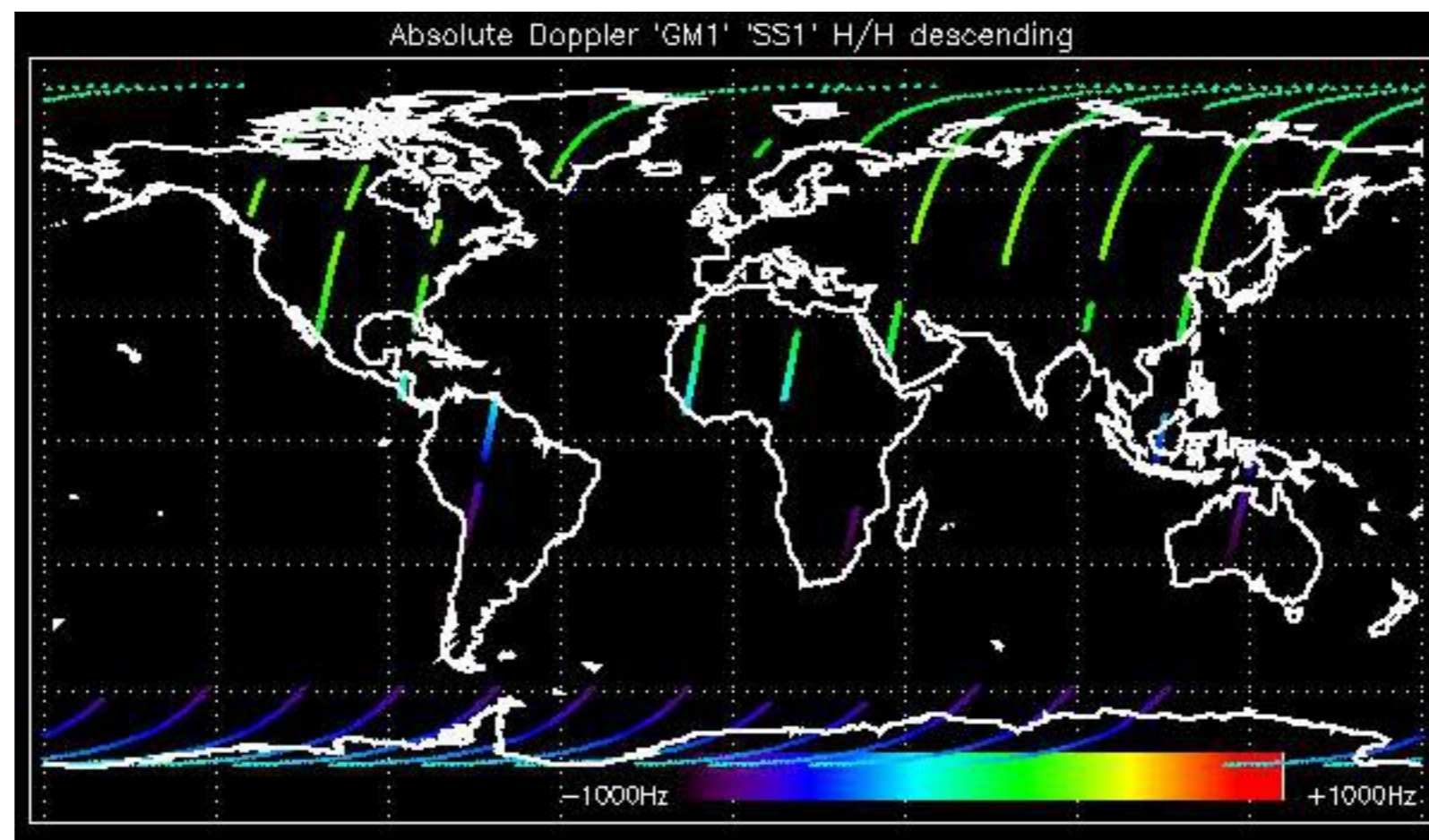
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ASA_IMM_1PNPDE20111219_053339_000000433109_00393_51269_0985.N1						IS6	H/H	109	51269	393	5.04
ASA_IMM_1PNPDE20111219_071437_000001093109_00394_51270_1031.N1						IS6	V/V	109	51270	394	5.04
ASA_IMM_1PNPDE20111219_084552_000000523109_00395_51271_1075.N1						IS6	H/H	109	51271	395	5.04
ASA_IMM_1PNPDK20111219_085313_000000113109_00395_51271_6187.N1						IS6	***	109	51271	395	5.04
ASA_IMM_1PNPDE20111219_085432_000000383109_00395_51271_1082.N1						IS6	H/H	109	51271	395	5.04
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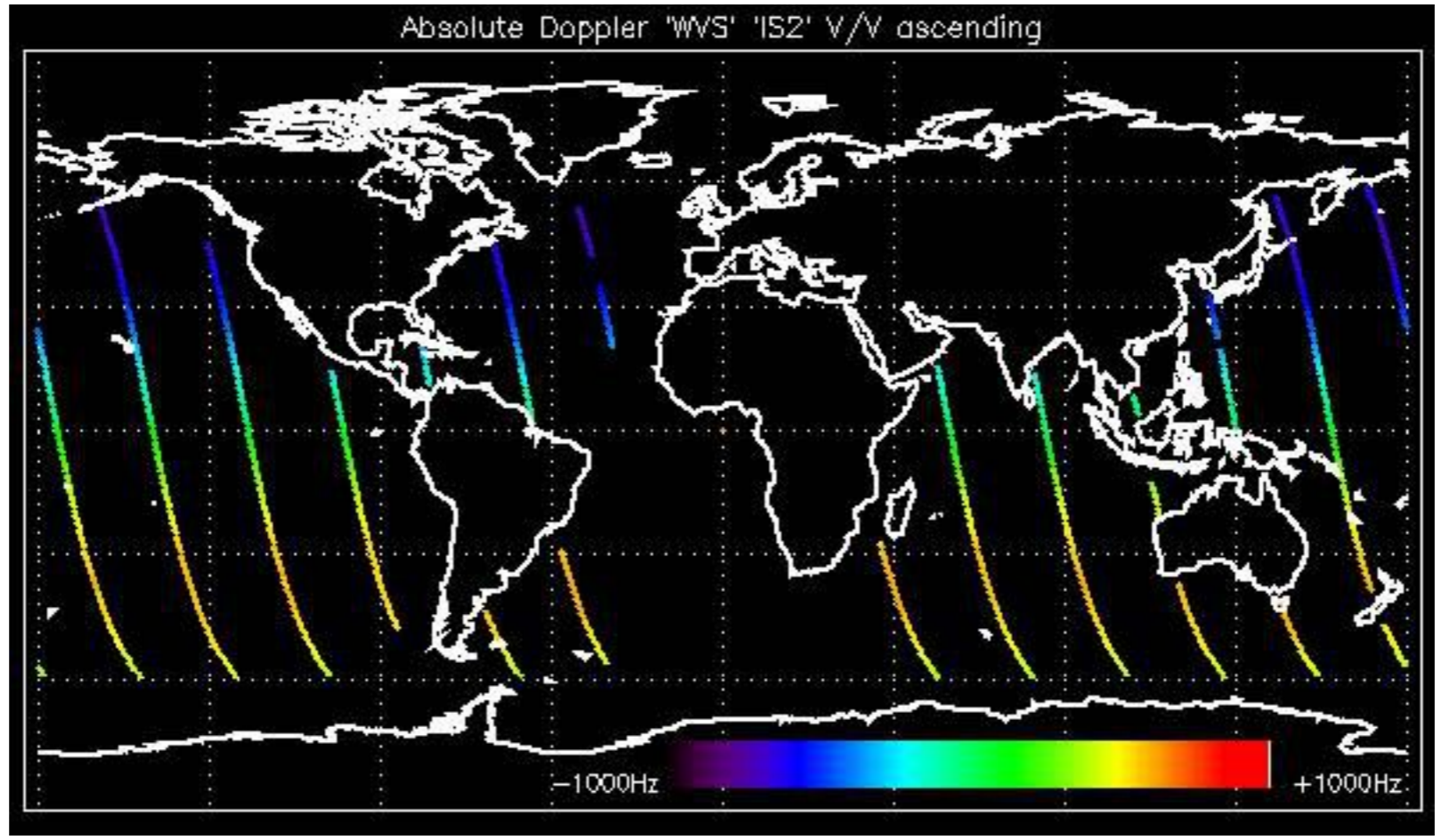
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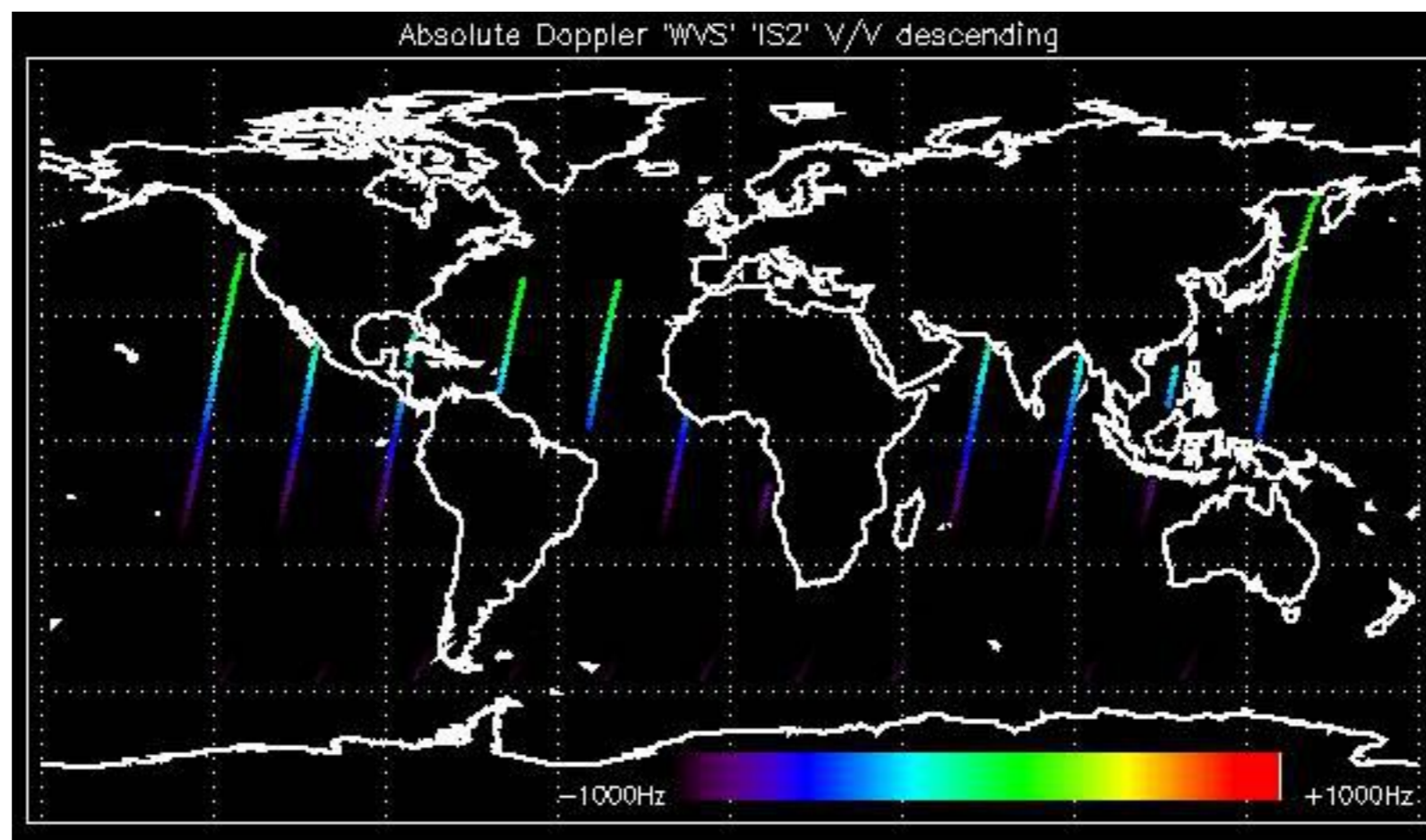
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ASA_WSM_1PNPDE20111219_011314_000003303109_00390_51266_0892.N1						SS1	H/H	109	51266	390	5.04
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ASA_WSM_1PNPDE20111219_043053_000003923109_00392_51268_0983.N1						SS1	H/H	109	51268	392	5.04
ASA_WSM_1PNPDE20111219_043809_000002143109_00392_51268_0984.N1						SS1	H/H	109	51268	392	5.04
ASA_WSM_1PNPDE20111219_053459_000002513109_00393_51269_0988.N1						SS1	H/H	109	51269	393	5.04
ASA_WSM_1PNPDE20111219_061012_000001533109_00393_51269_1029.N1						SS1	H/H	109	51269	393	5.04
ASA_WSM_1PNPDE20111219_061313_000002143109_00393_51269_1030.N1						SS1	H/H	109	51269	393	5.04
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ASA_WSM_1PNPDK20111219_084657_000003733109_00395_51271_6186.N1						SS1	H/H	109	51271	395	5.04
ASA_WSM_1PNPDE20111219_084847_000000923109_00395_51271_1078.N1						SS1	H/H	109	51271	395	5.04
ASA_WSM_1PNPDE20111219_090325_000001283109_00395_51271_1083.N1						SS1	H/H	109	51271	395	5.04
ASA_WSM_1PNPDE20111219_090627_000001533109_00395_51271_1100.N1						SS1	V/V	109	51271	395	5.04
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ASA_WSM_1PNPDE20111219_161629_000002143109_00399_51275_1140.N1						SS1	H/H	109	51275	399	5.04
ASA_WSM_1PNPDE20111219_164502_000000923109_00400_51276_1147.N1						SS1	H/H	109	51276	400	5.04
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ASA_WSM_1PNPDE20111219_170112_000002813109_00400_51276_1151.N1						SS1	H/H	109	51276	400	5.04
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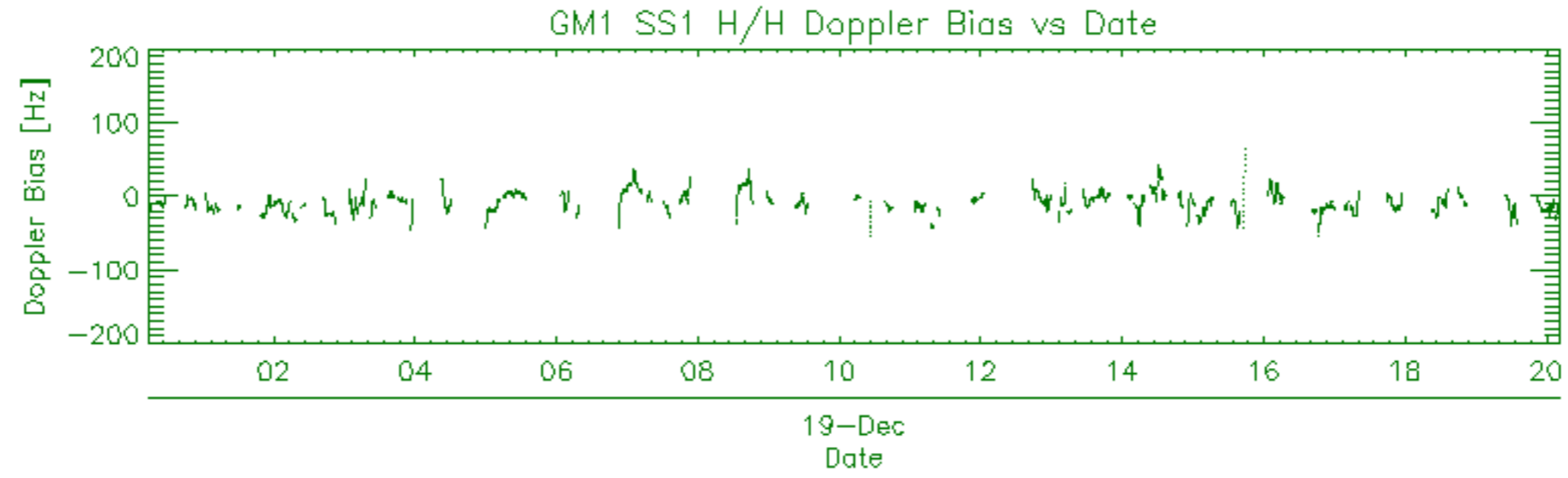
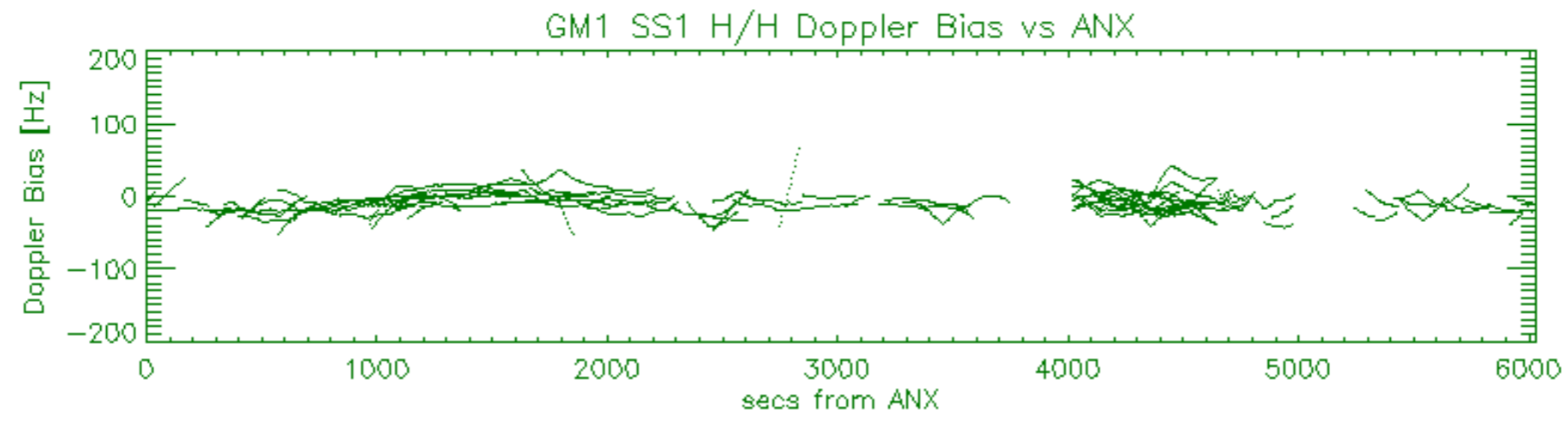
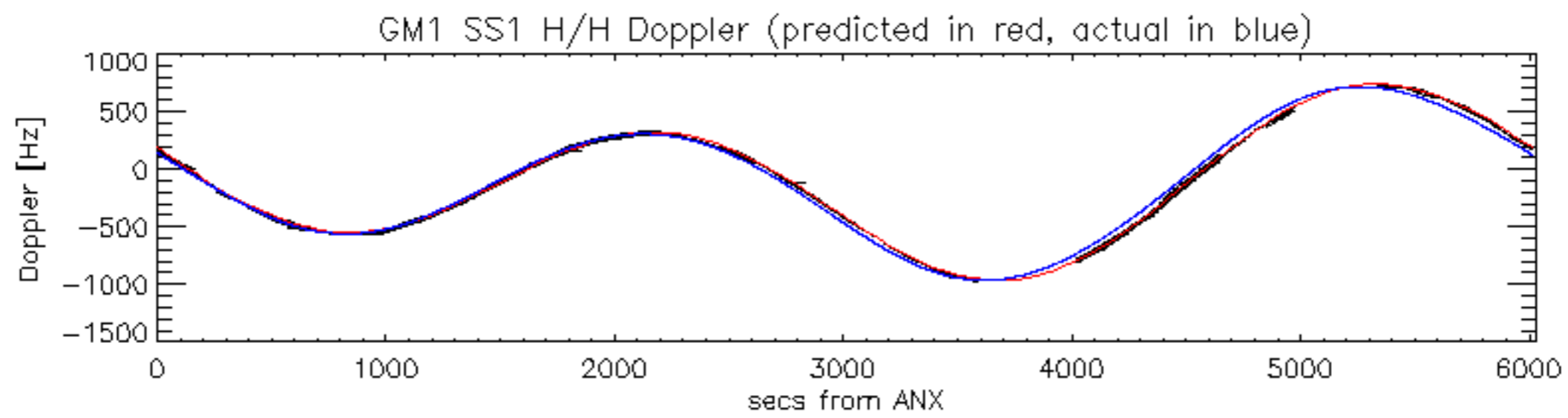
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ASA_WVS_1PNPDE20111219_005416_000004053109_00390_51266_0897.N1						IS2	V/V	109	51266	390	5.04
ASA_WVS_1PNPDE20111219_011845_000003303109_00390_51266_0898.N1						IS2	V/V	109	51266	390	5.04
ASA_WVS_1PNPDE20111219_012330_000001803109_00390_51266_0926.N1						IS2	V/V	109	51266	390	5.04
ASA_WVS_1PNPDE20111219_013510_000007193109_00391_51267_0930.N1						IS2	V/V	109	51267	391	5.04
ASA_WVS_1PNPDE20111219_022009_000001493109_00391_51267_0944.N1						IS2	V/V	109	51267	391	5.04
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ASA_WVS_1PNPDE20111219_041305_000002553109_00392_51268_0991.N1						IS2	V/V	109	51268	392	5.04
ASA_WVS_1PNPDE20111219_035935_000008243109_00392_51268_0932.N1						IS1	V/V	109	51268	392	5.04
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ASA_WVS_1PNPDE20111219_073537_000002103109_00394_51270_1051.N1						IS2	V/V	109	51270	394	5.04
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ASA_WVS_1PNPDK20111219_090857_000007953109_00395_51271_6199.N1						IS2	V/V	109	51271	395	5.04
ASA_WVS_1PNPDK20111219_093852_000020093109_00395_51271_6201.N1						IS2	V/V	109	51271	395	5.04
ASA_WVS_1PNPDK20111219_104430_000010793109_00396_51272_6226.N1						IS2	V/V	109	51272	396	5.04
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ASA_WVS_1PNPDK20111219_185453_000014993109_00401_51277_6388.N1						IS2	V/V	109	51277	401	5.04
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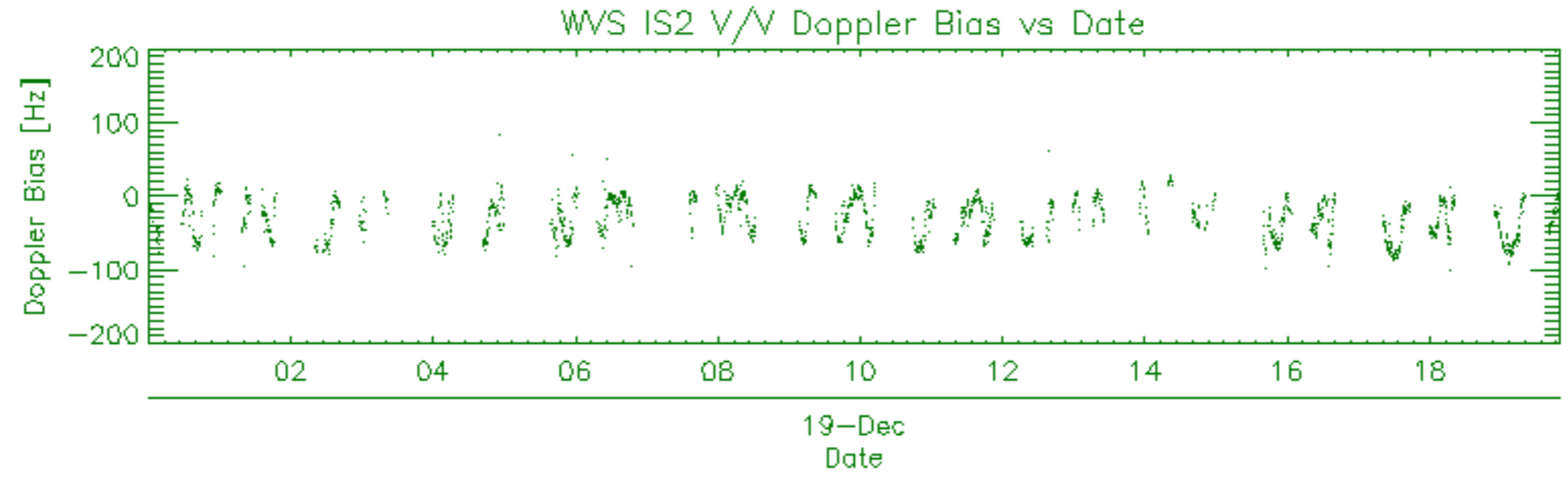
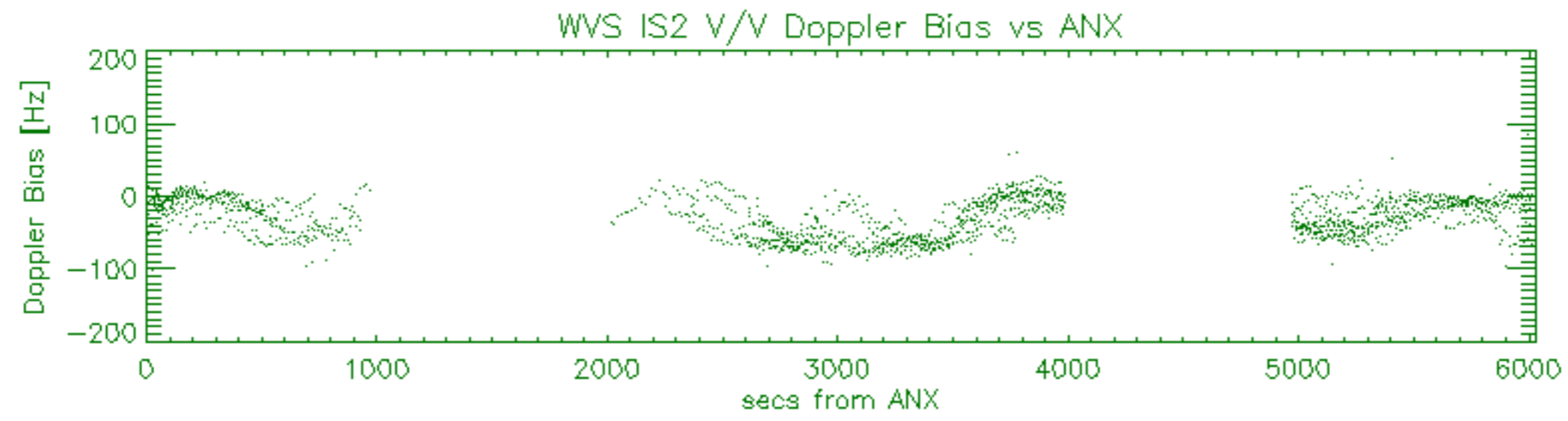
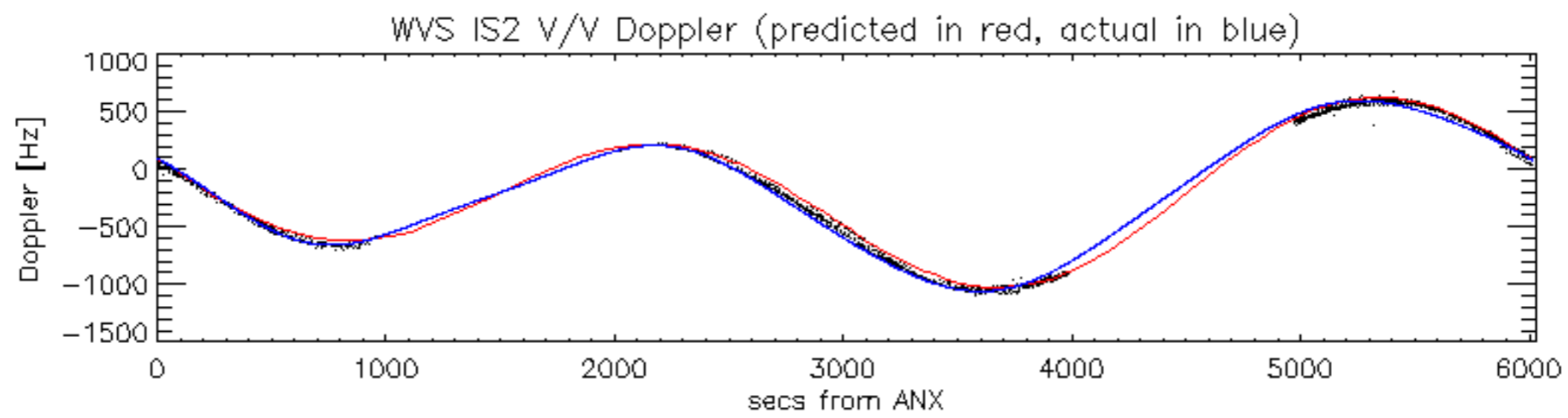


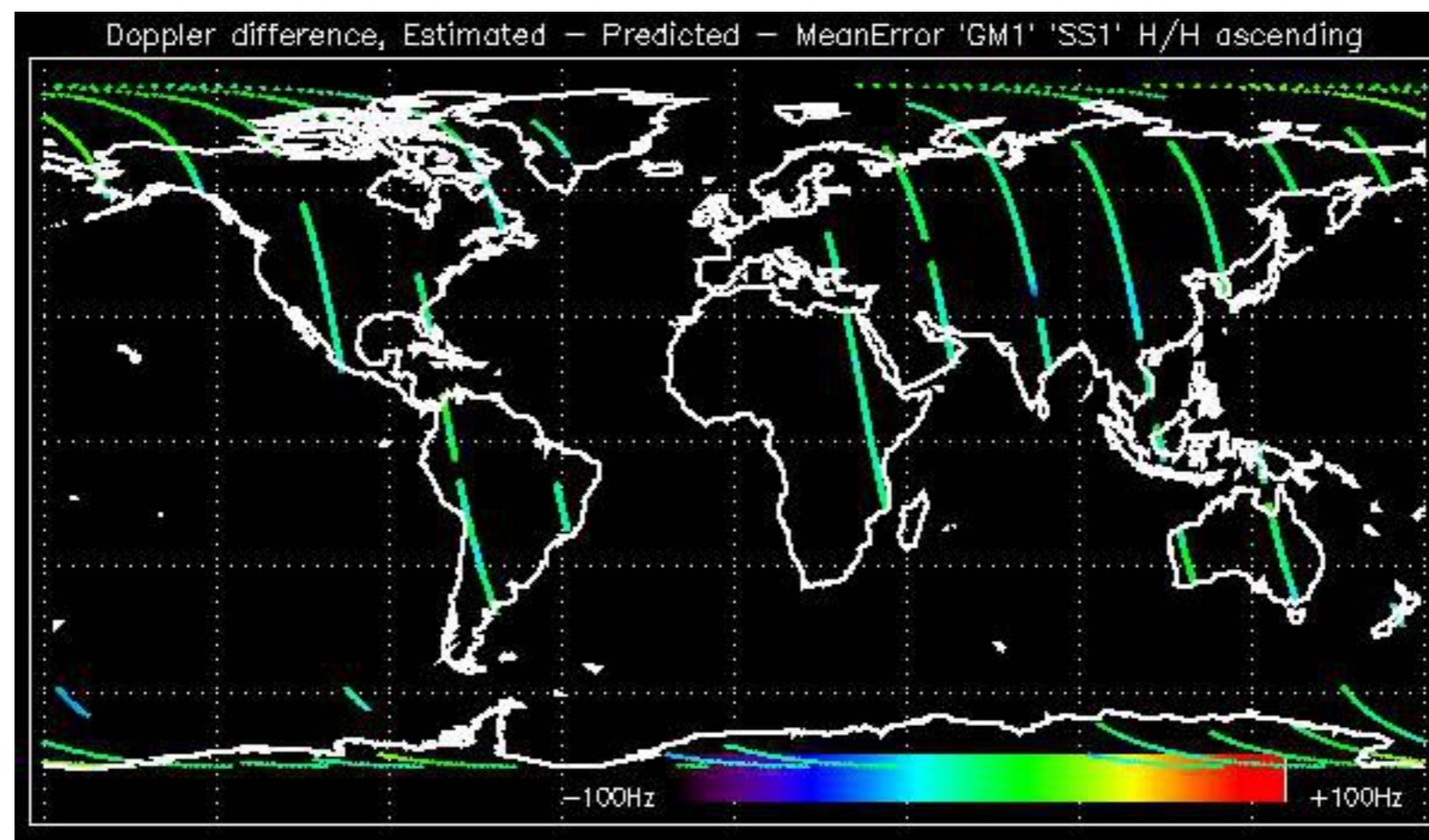


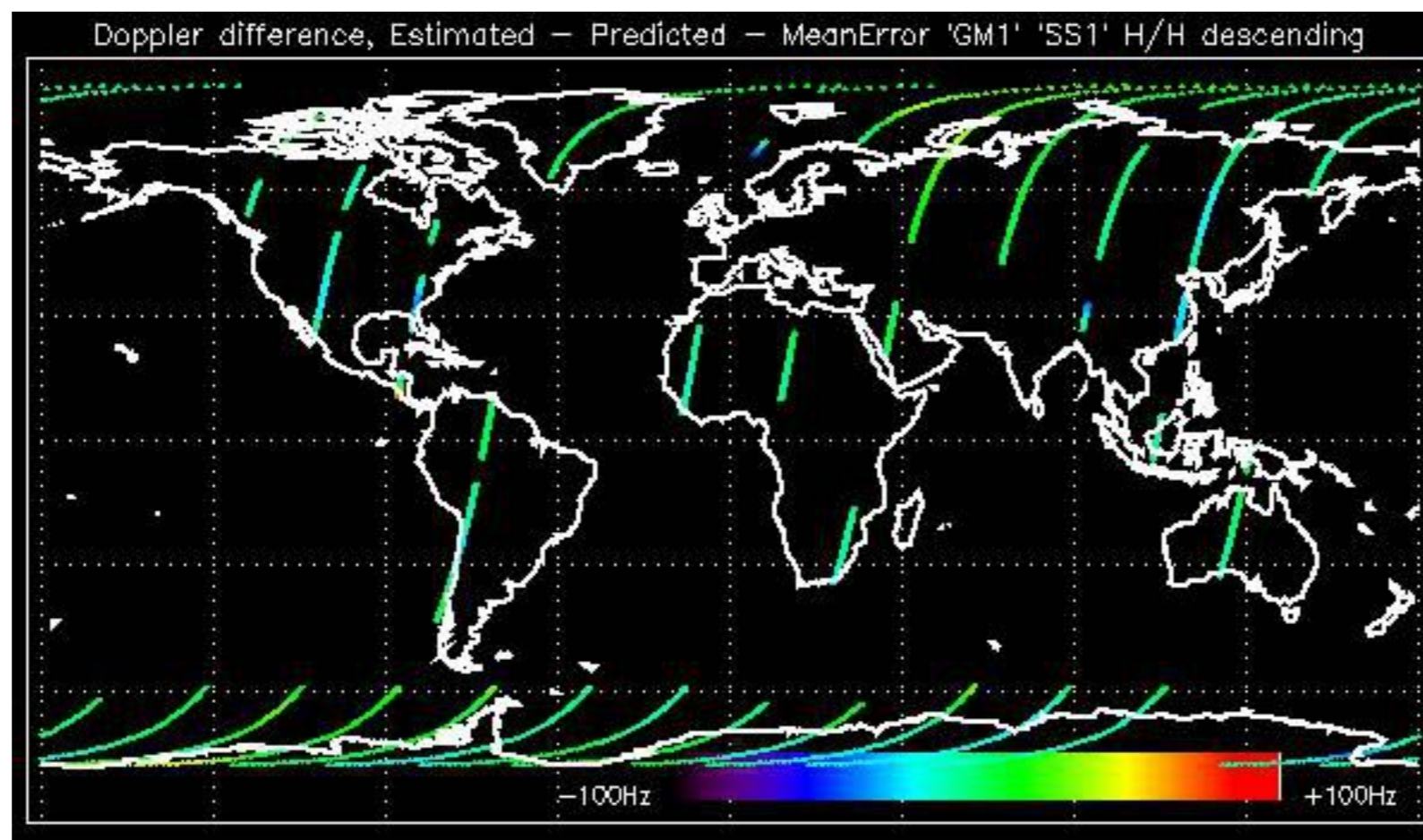


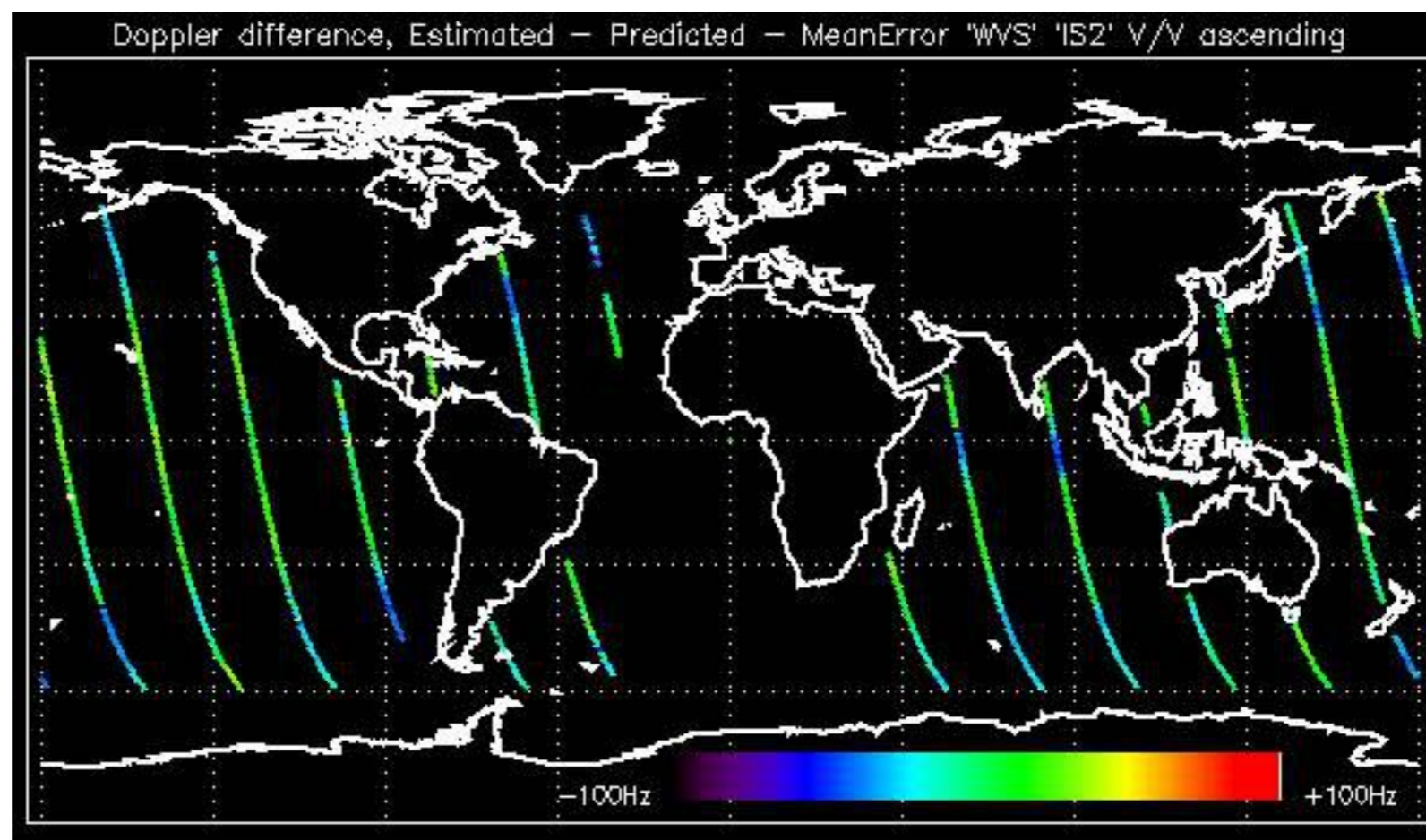


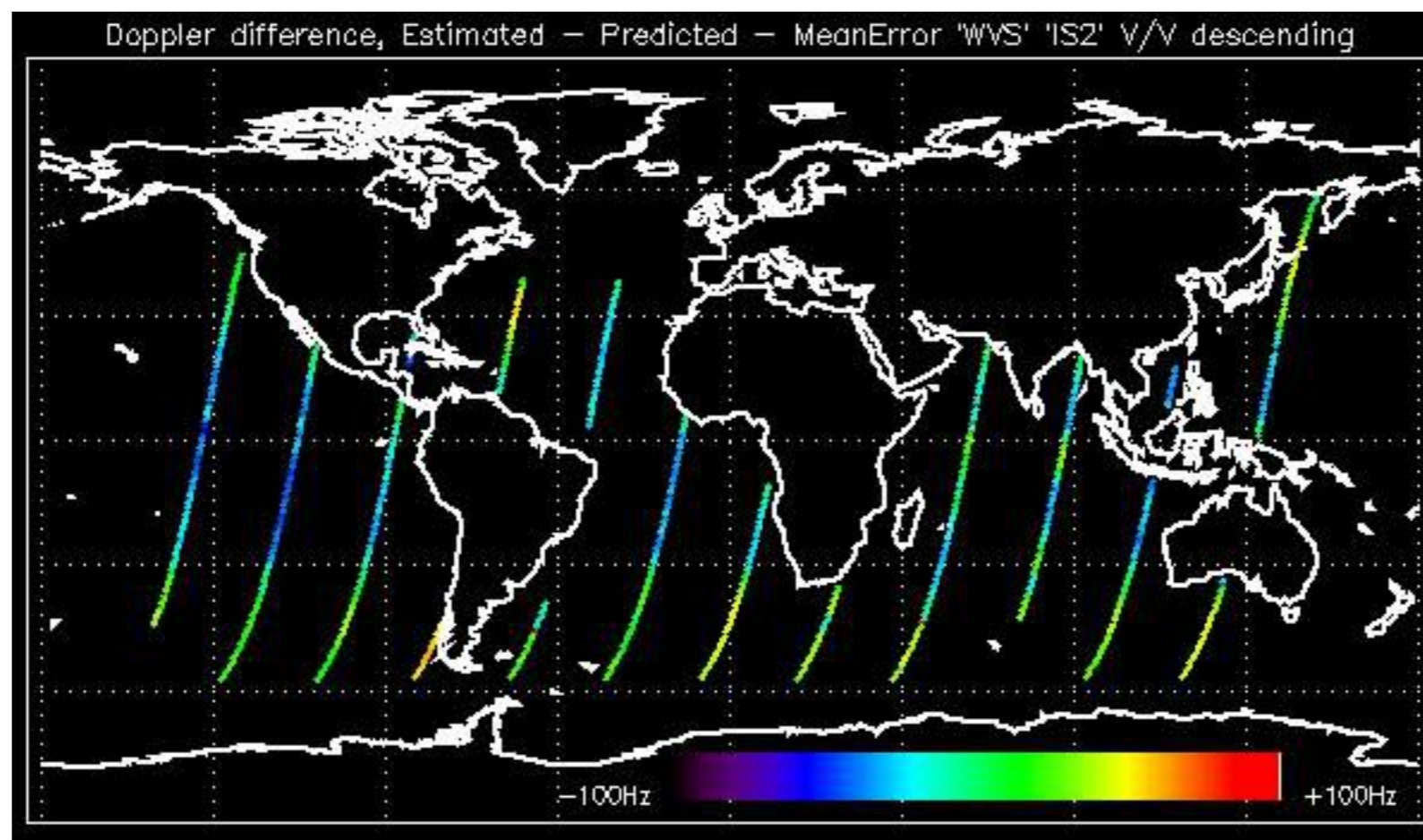


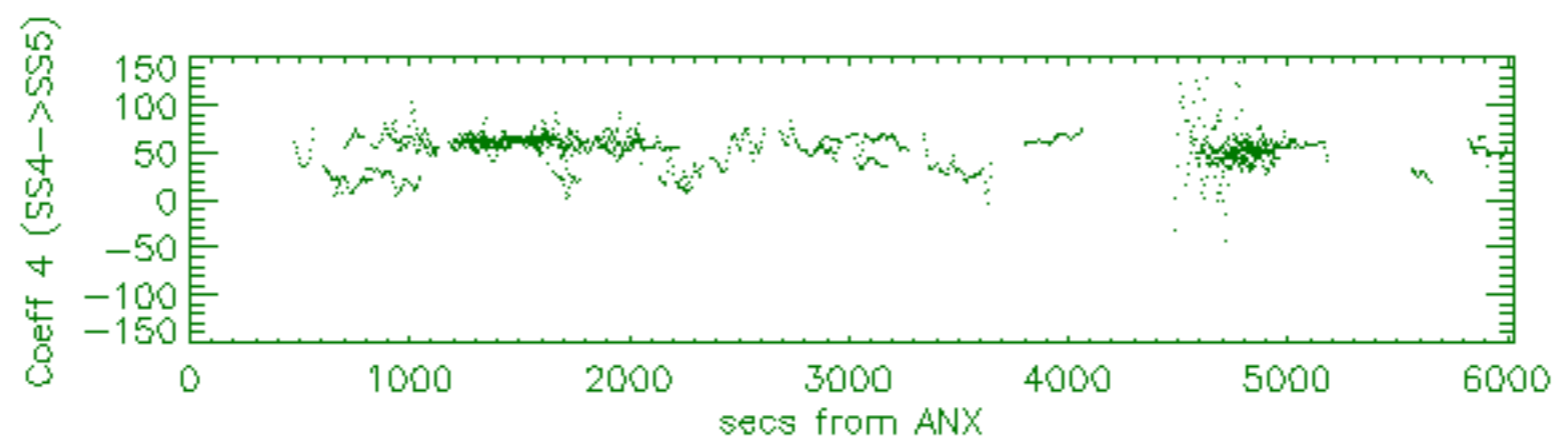
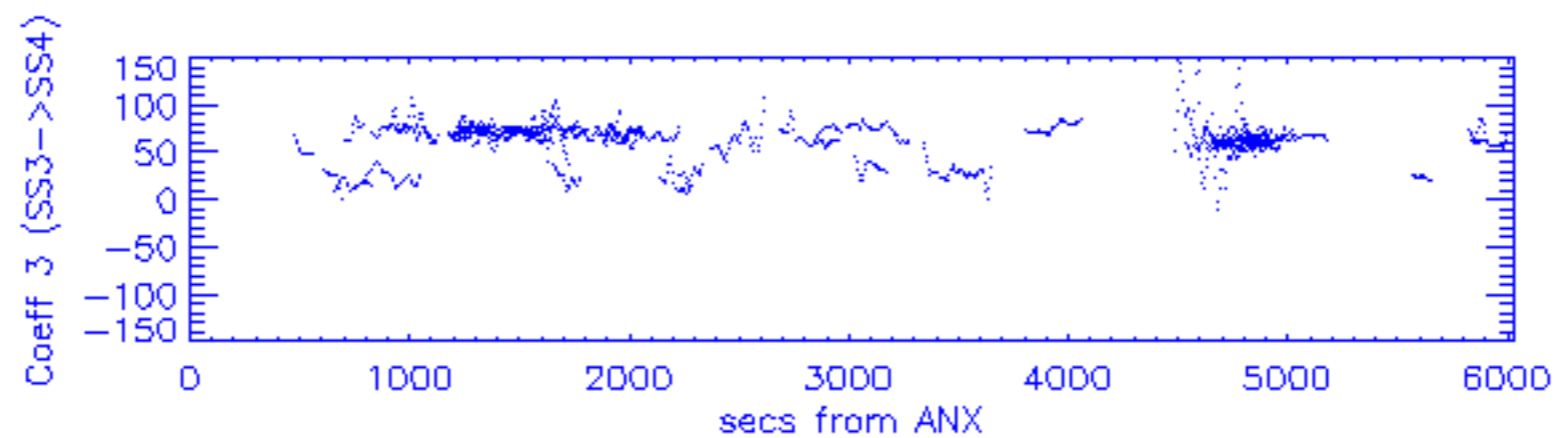
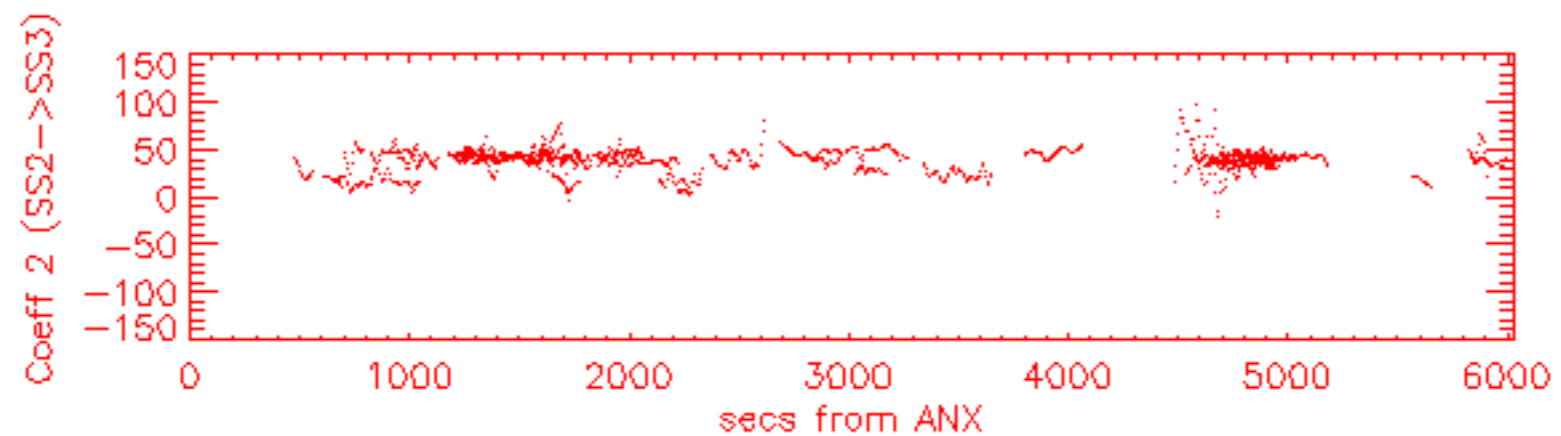
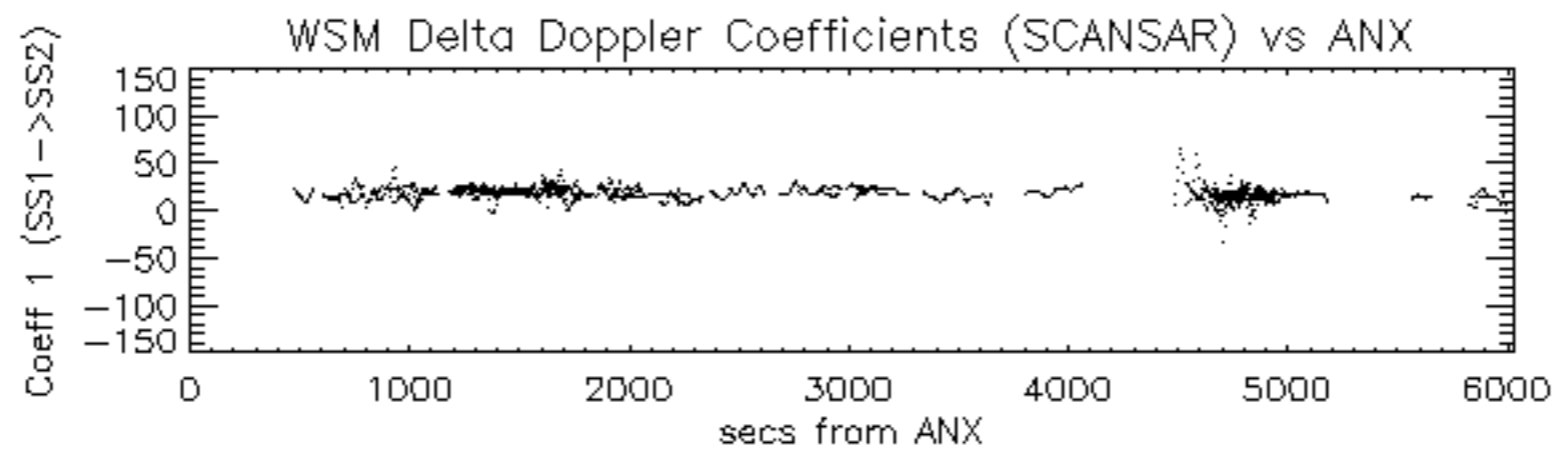


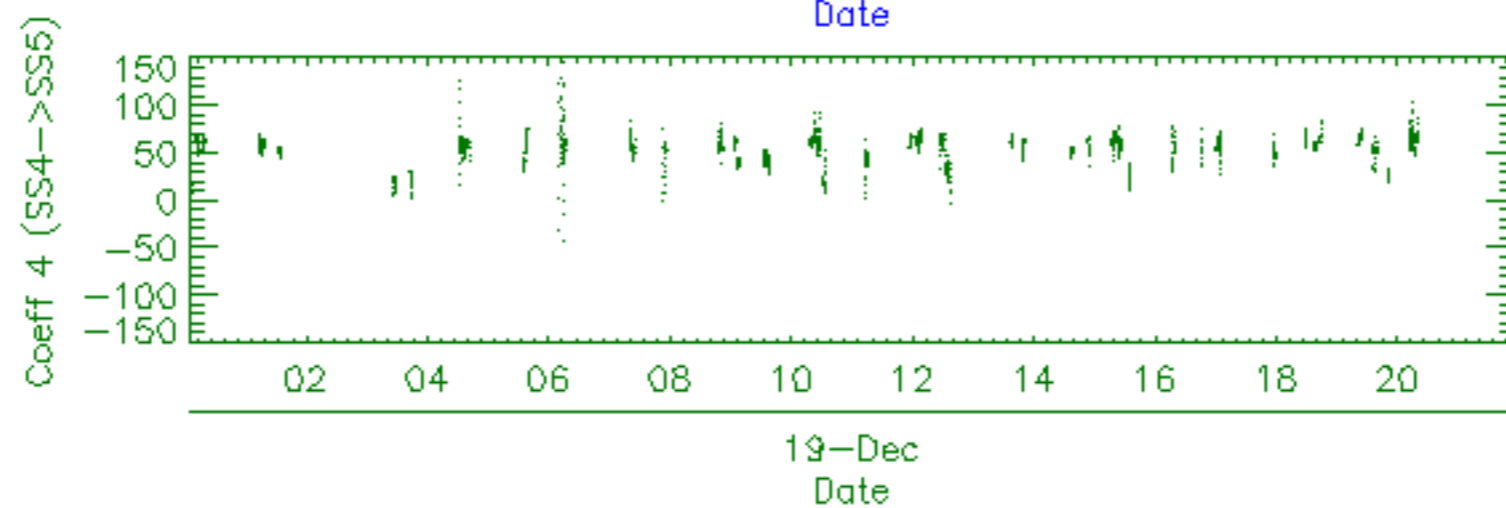
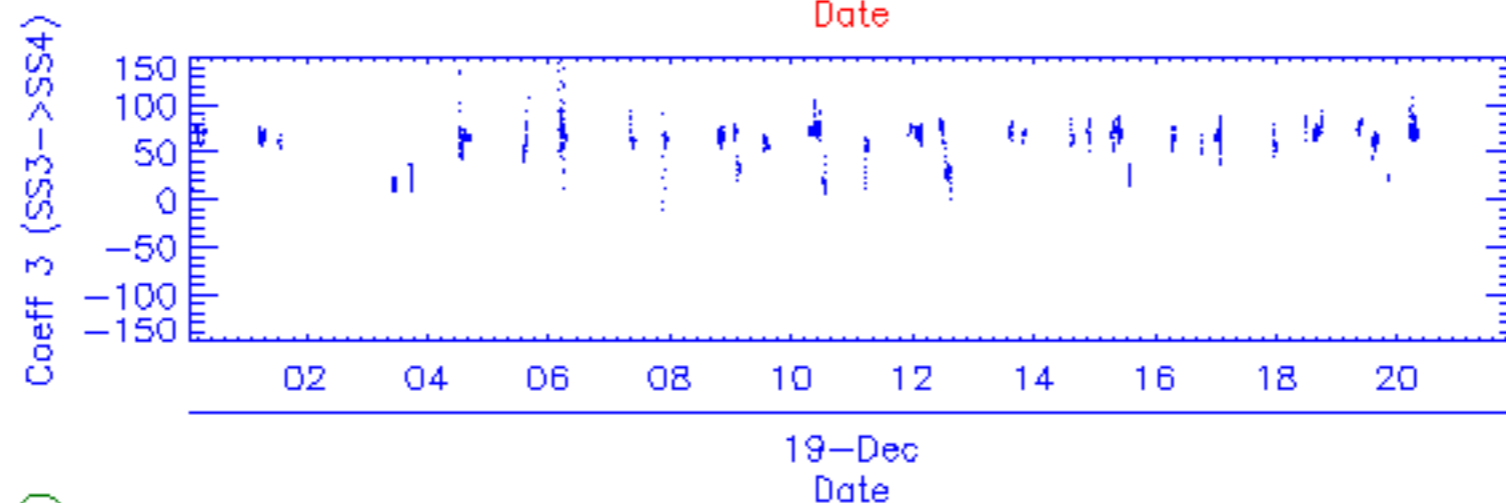
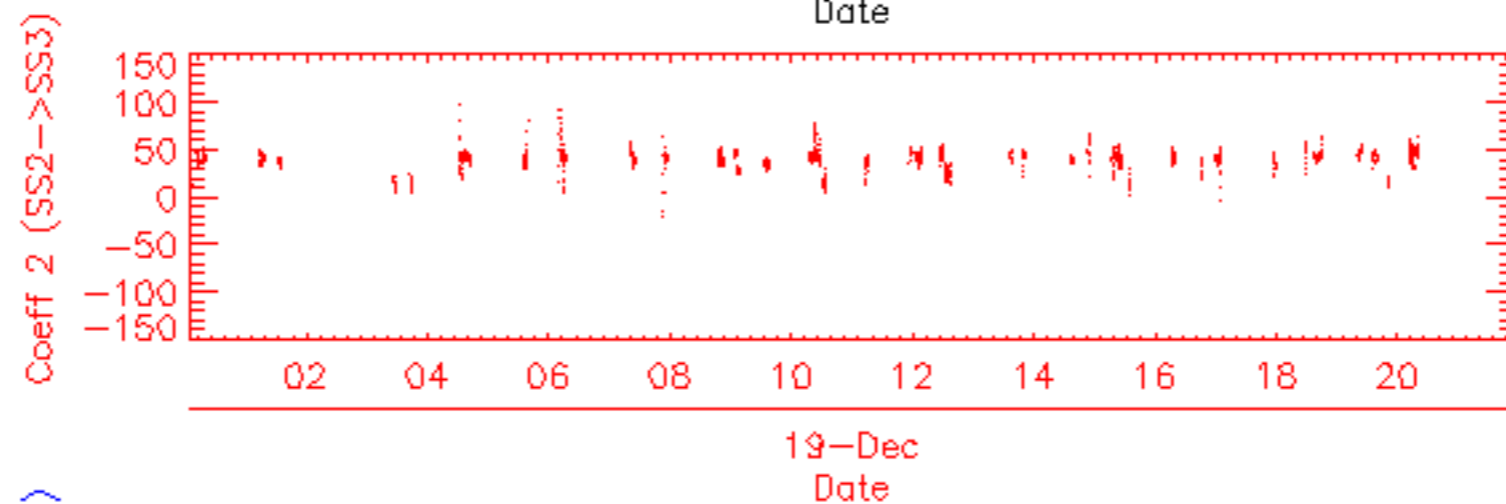
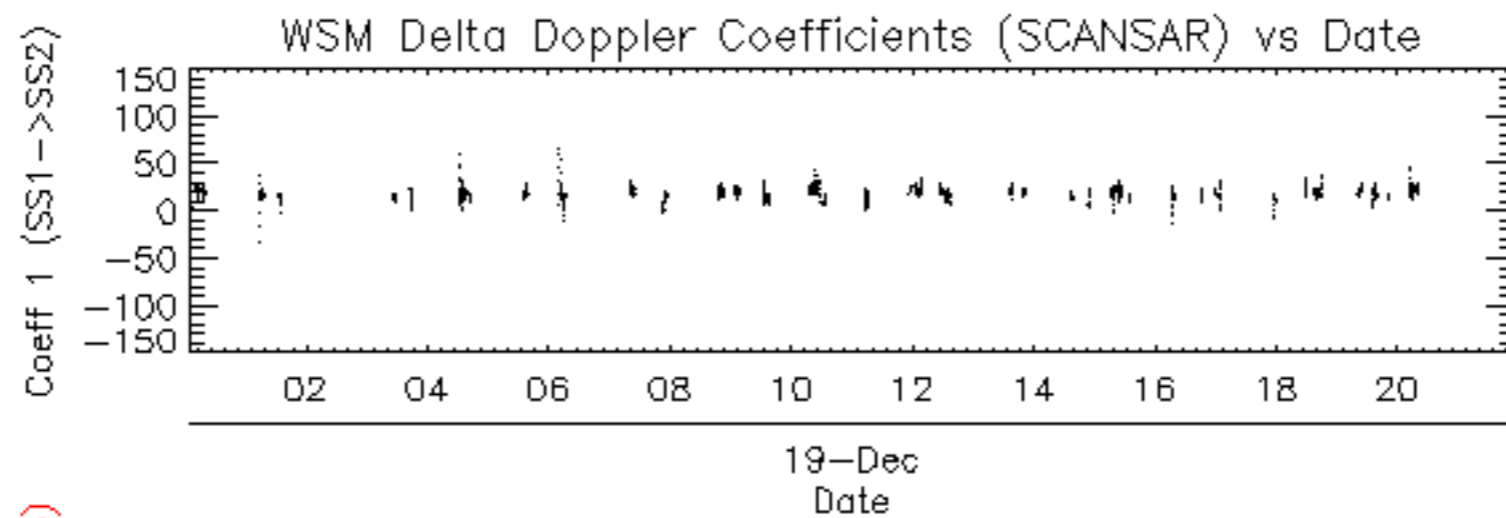


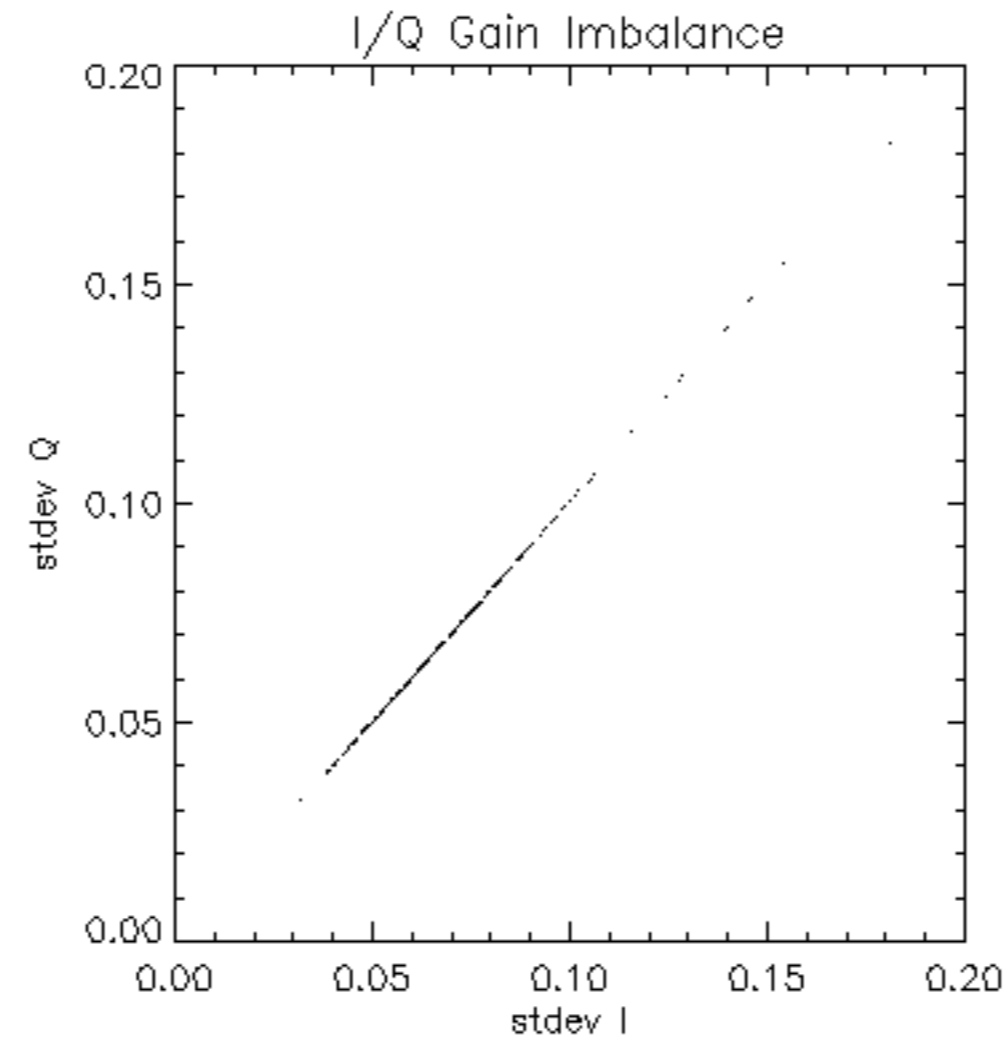


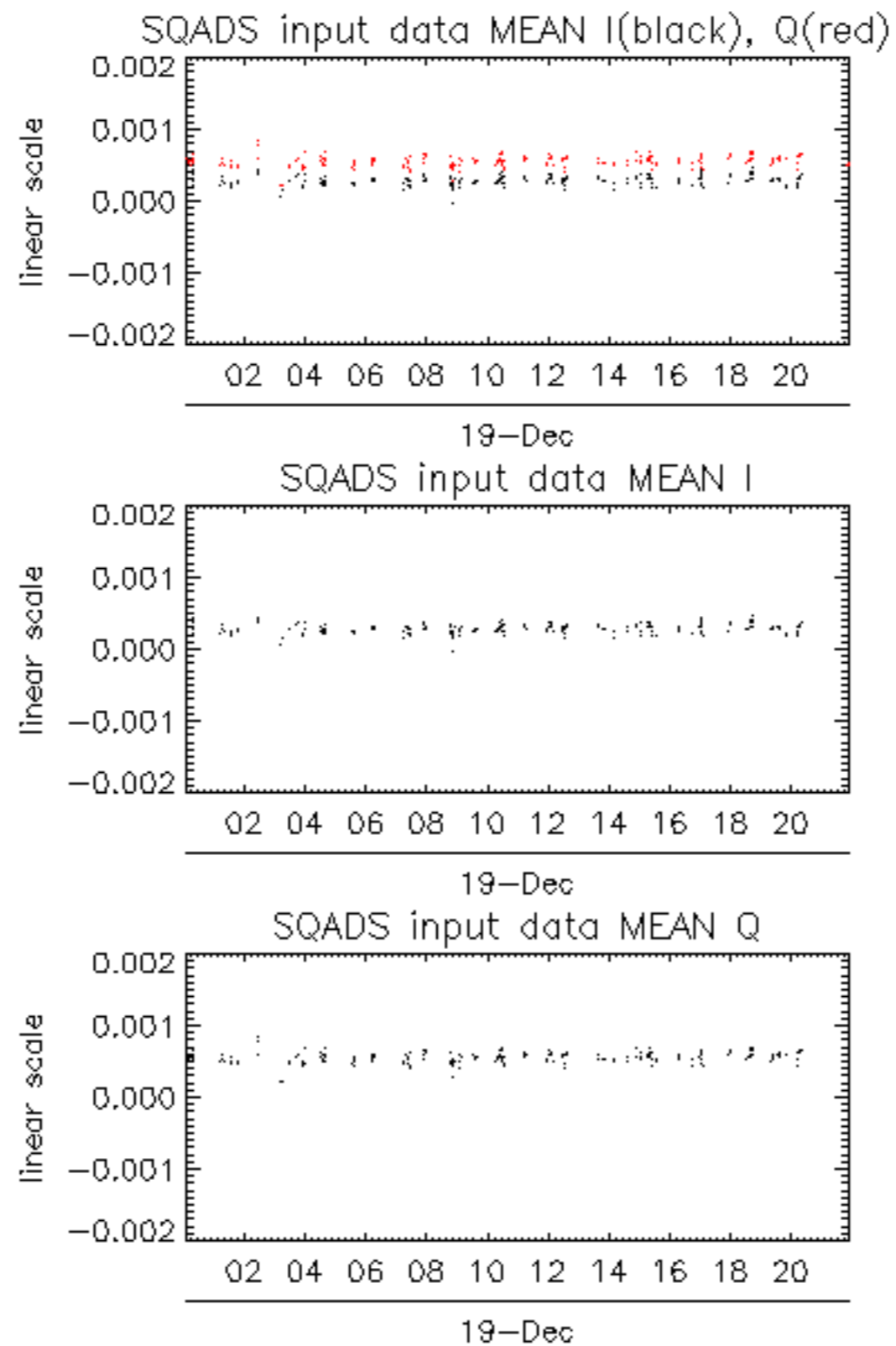


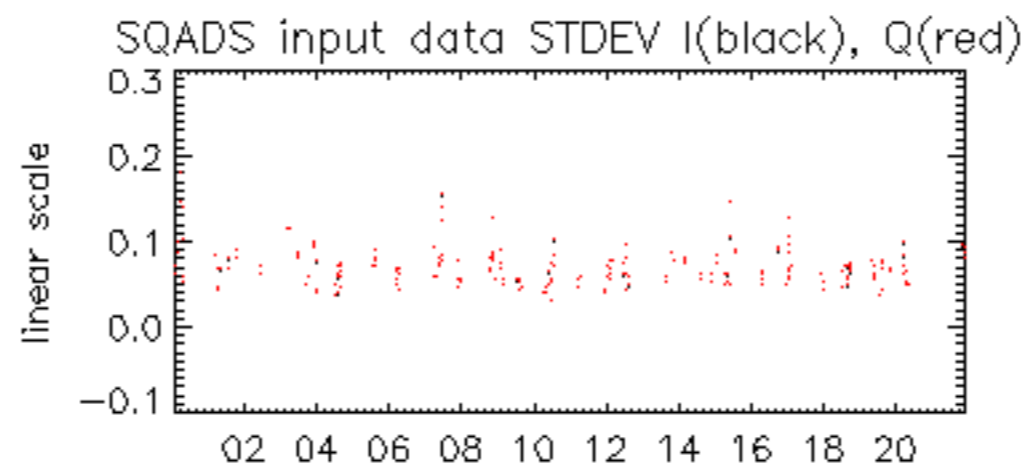




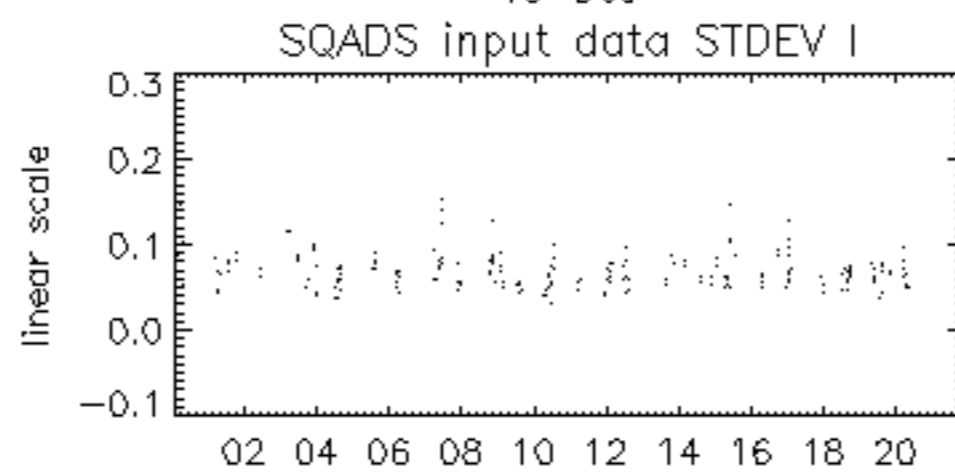




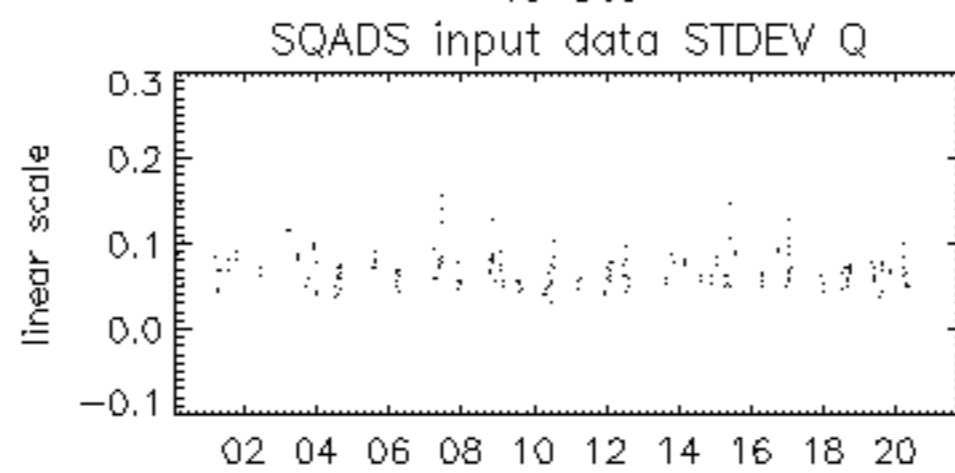




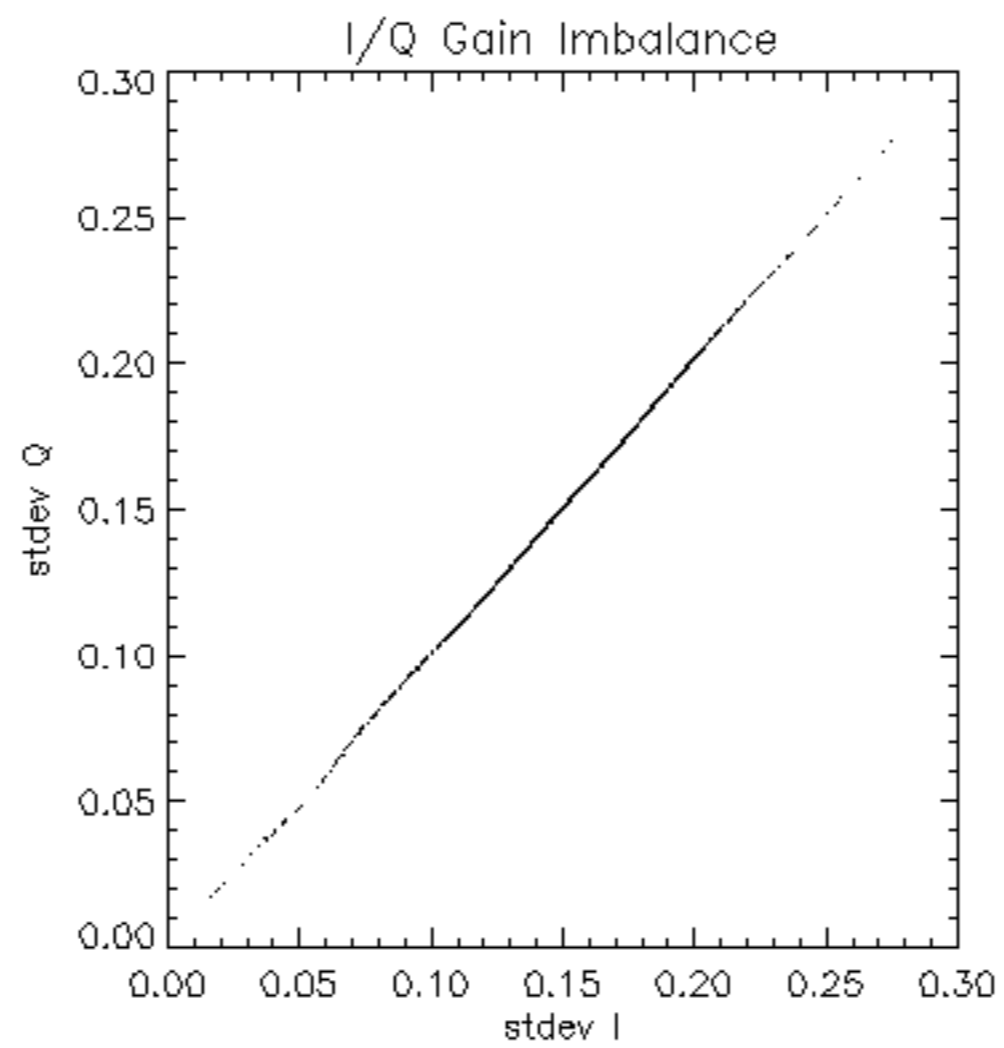
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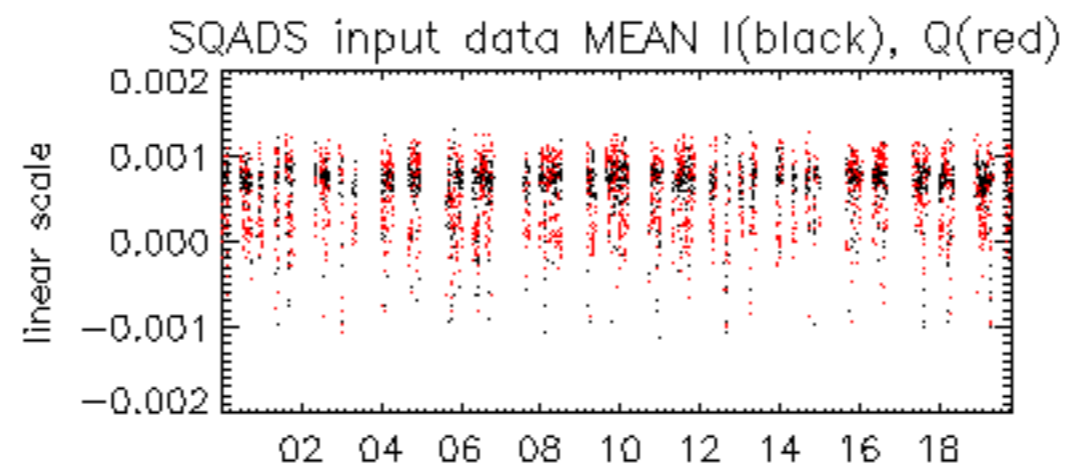


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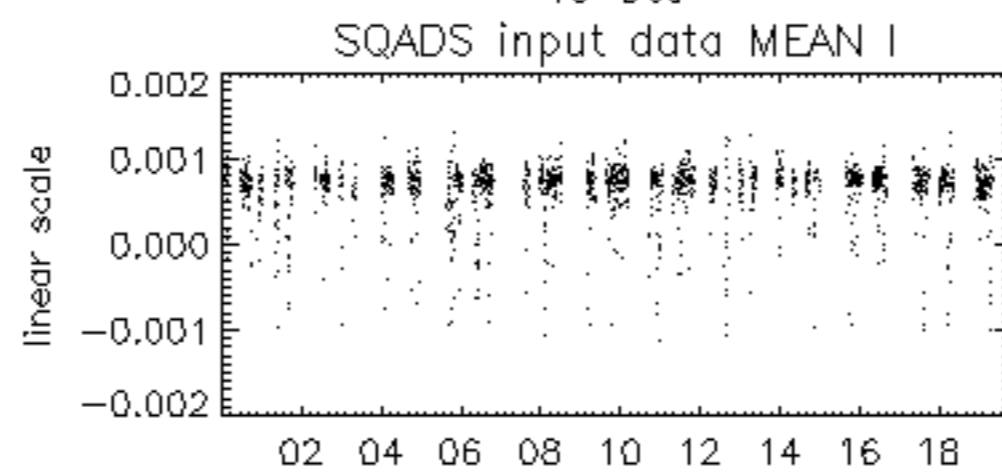


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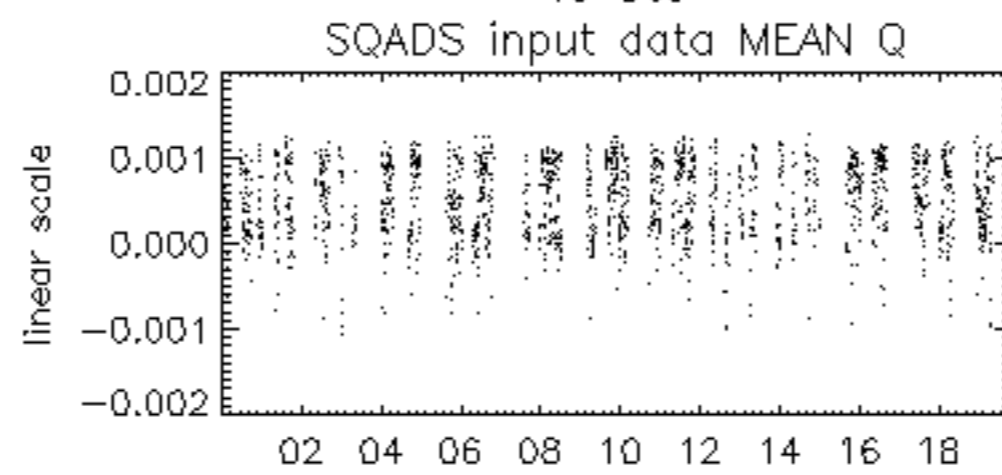




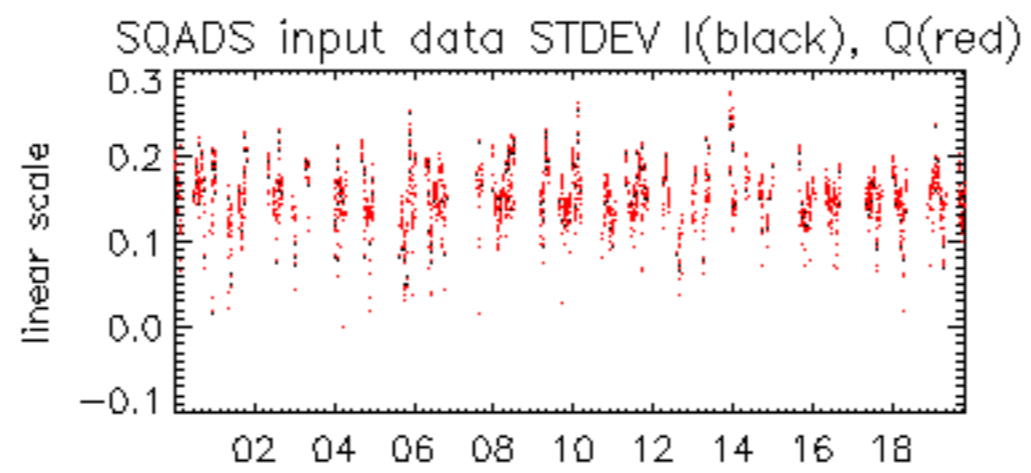
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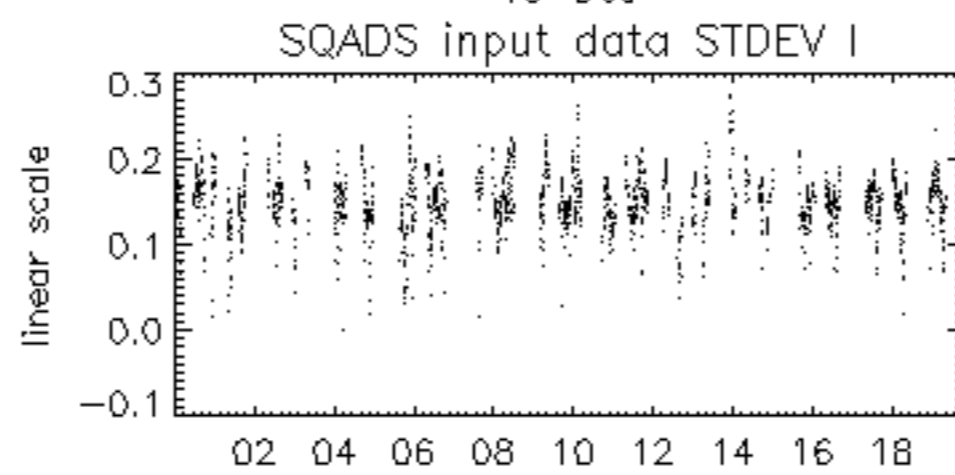
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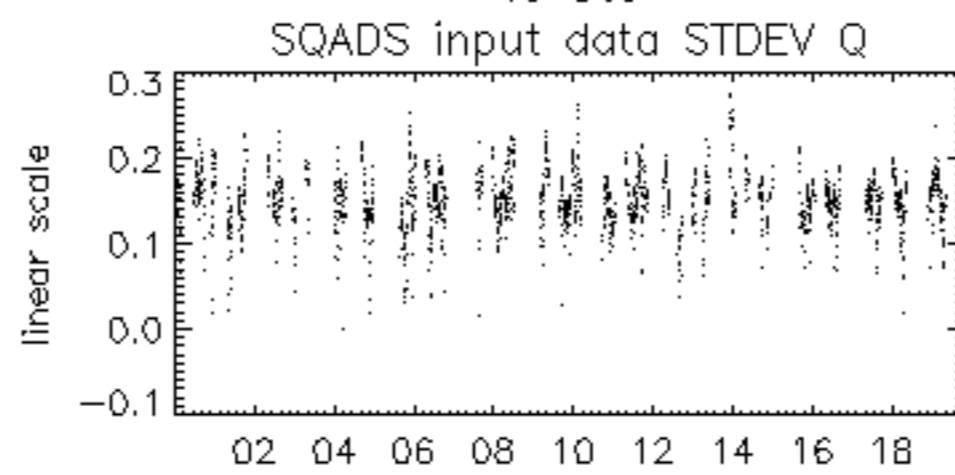
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19-Dec



19-Dec



19-Dec

