



Analysis from 12-JAN-2012 00:00:00 to 12-JAN-2012 23:59:59. Page generated on 13-JAN-2012 06:31:43.
View log file: ASAR_Daily_Report_20120113_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	27	PDE	IS1	V/H	1	PDE	IS2	V/V	5	PDE	WS	H/H	31	PDK	2012-01-12 09:43:06	H	320
PDE	IS2	V/V	26	PDK	WS	H/H	48	PDE	IS1	V/V	1	PDE	IS6	H/H	9	PDE	WS	V/V	12	PDK	2012-01-12 11:23:20	V	320
PDK	IS2	V/V	25					PDE	IS2	H/H	2	PDK	IS3	V/V	1	PDK	WS	H/H	14				
								PDE	IS4	H/H	2	PDK	IS6	H/H	1	PDK	WS	V/V	4				

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](#)
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 [[TXT](#)] [[XLS](#)] [List_MS_products_used](#)

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

2.2 - Products with wrong ADFs

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

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

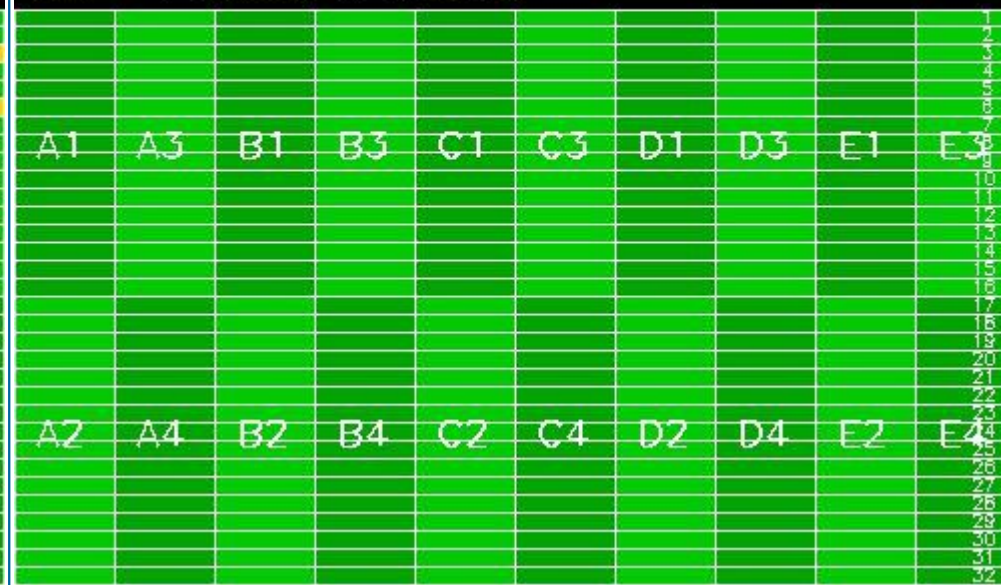
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
------------------------	----------------------------

Pre-launch reference (2001-02-09)

Previous product in the same polarisation

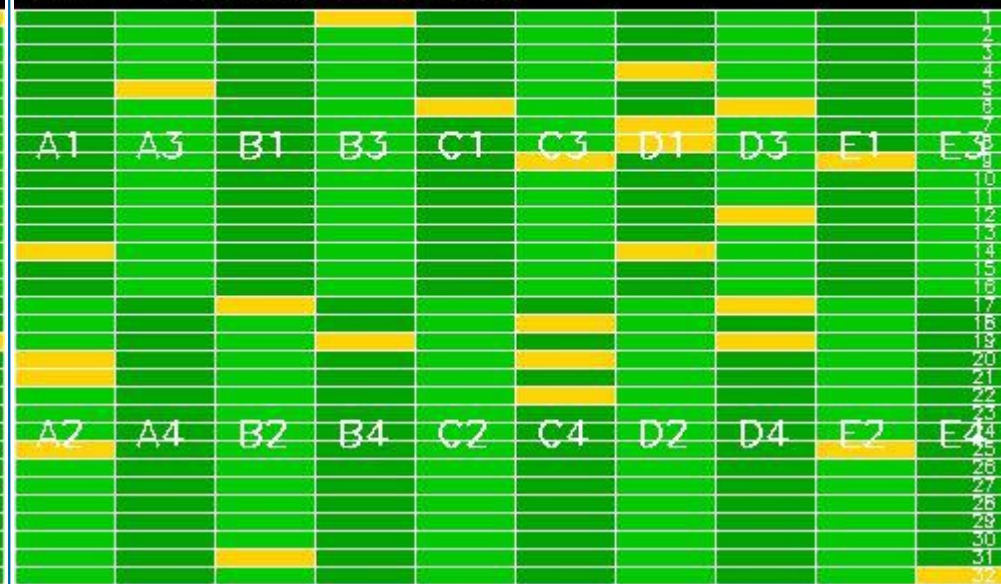
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2012-01-12 11:23:20 V

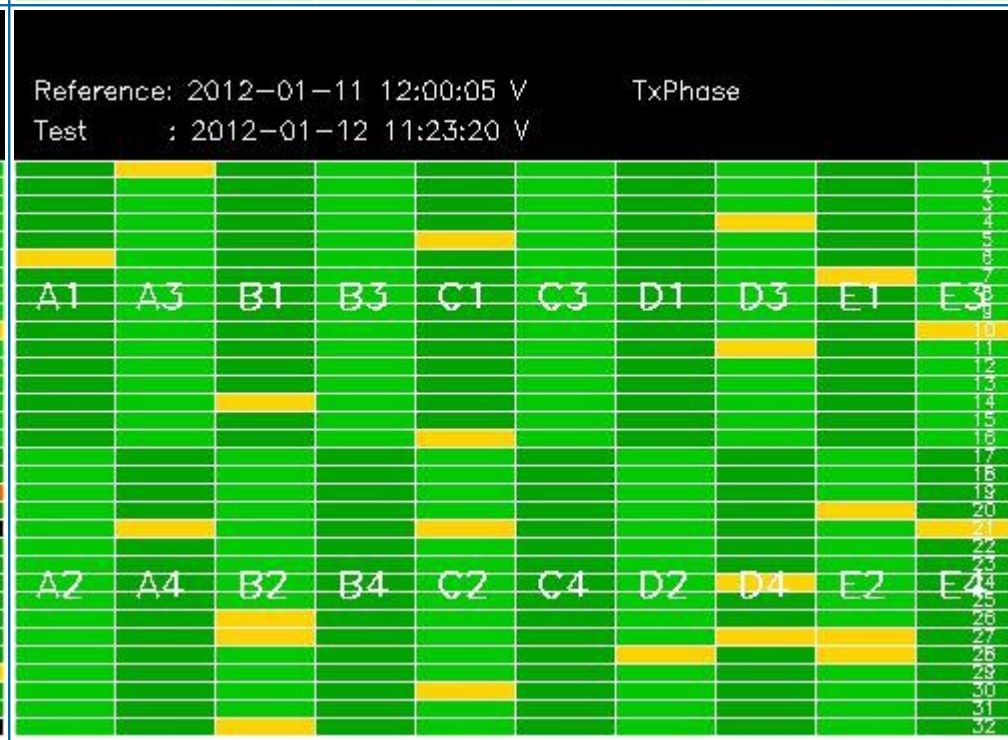
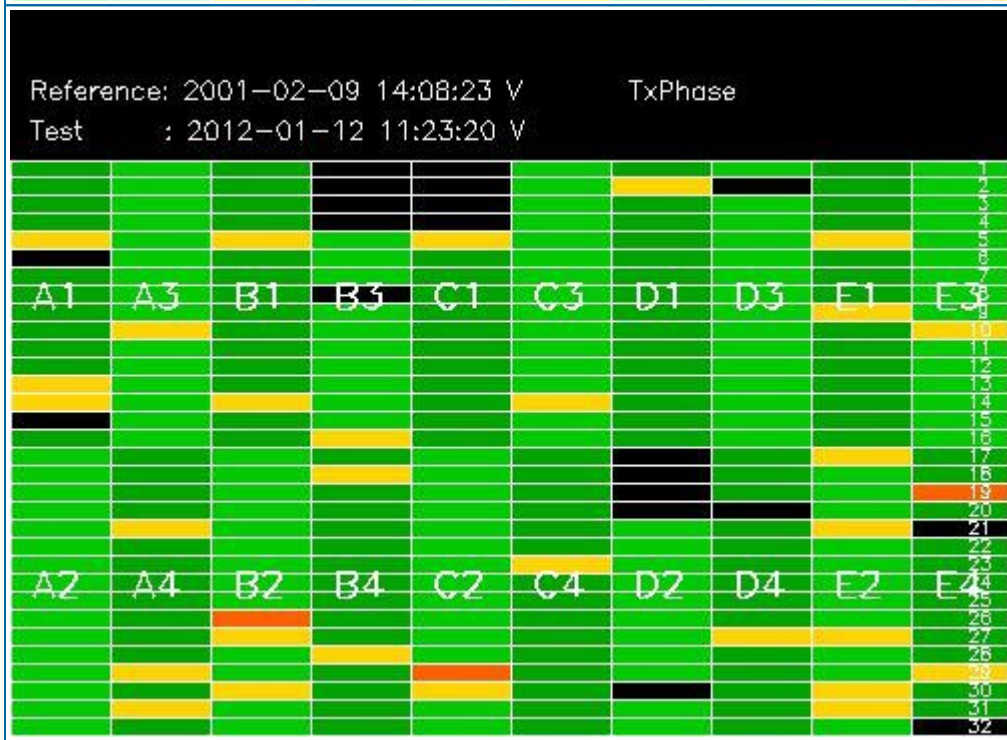
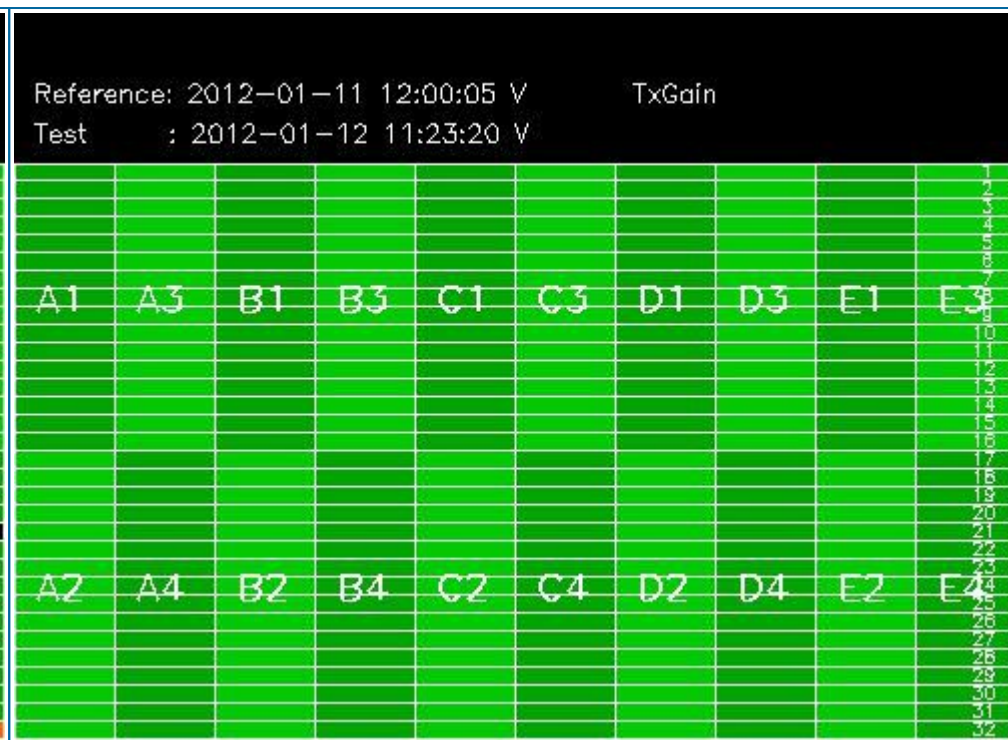
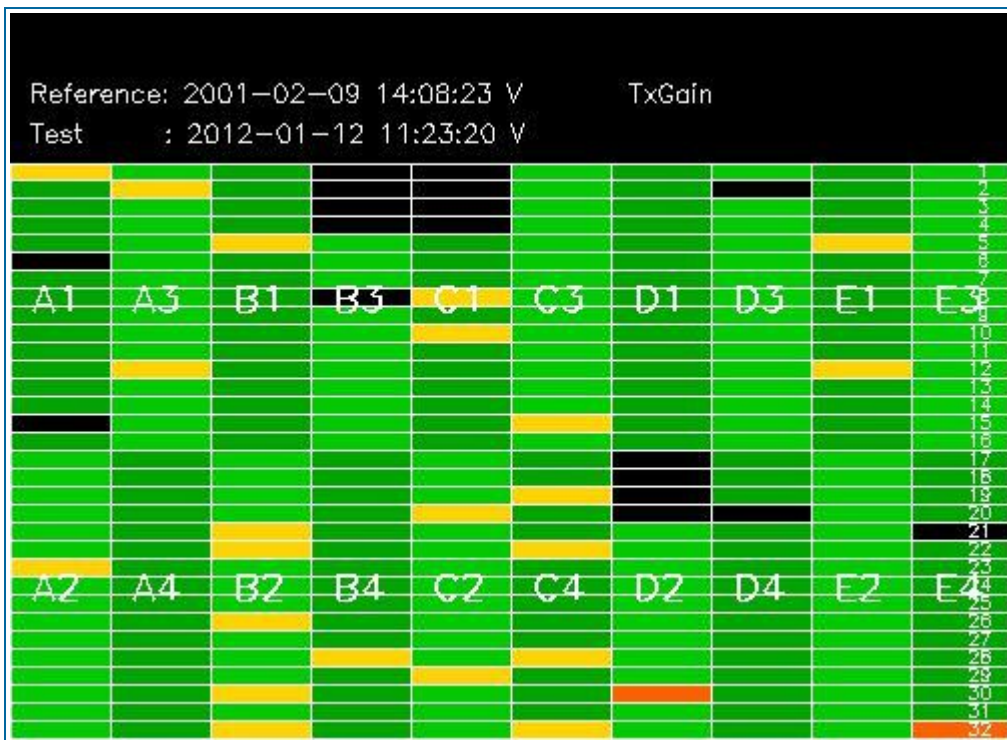
Reference: 2012-01-11 12:00:05 V RxGain
 Test : 2012-01-12 11:23:20 V



Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2012-01-12 11:23:20 V

Reference: 2012-01-11 12:00:05 V RxPhase
 Test : 2012-01-12 11:23:20 V

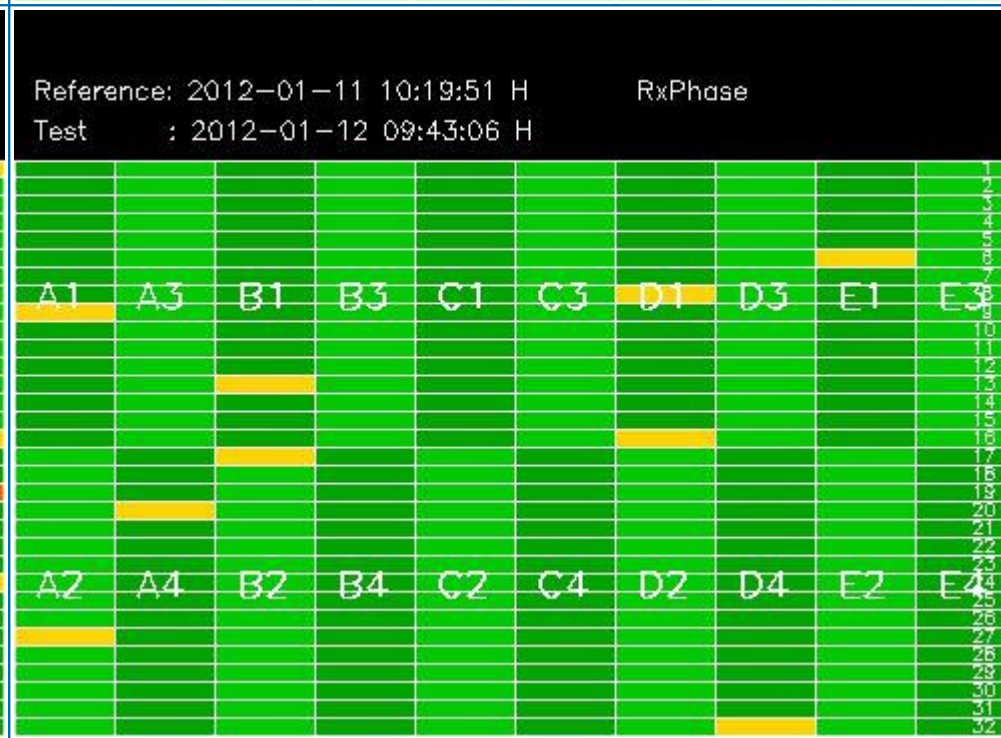
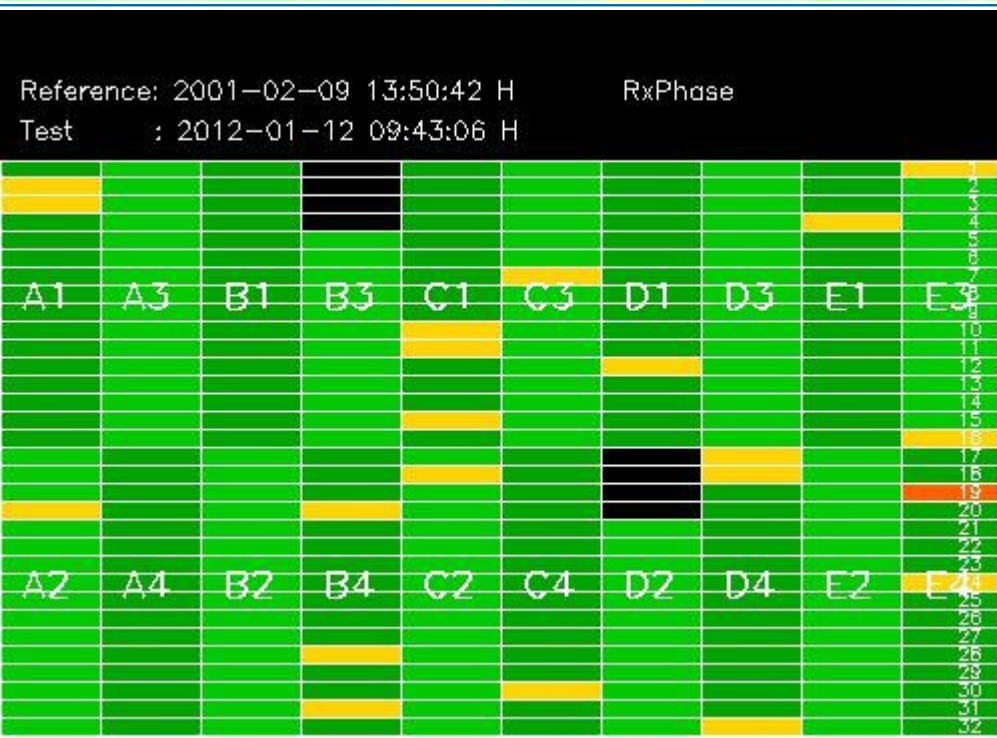
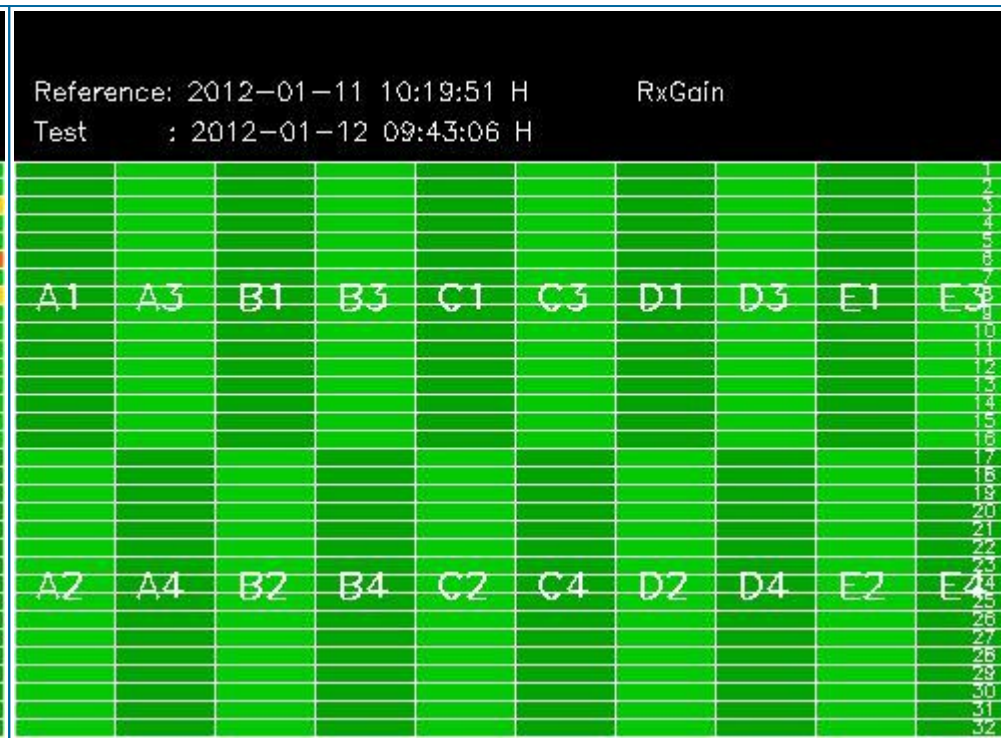
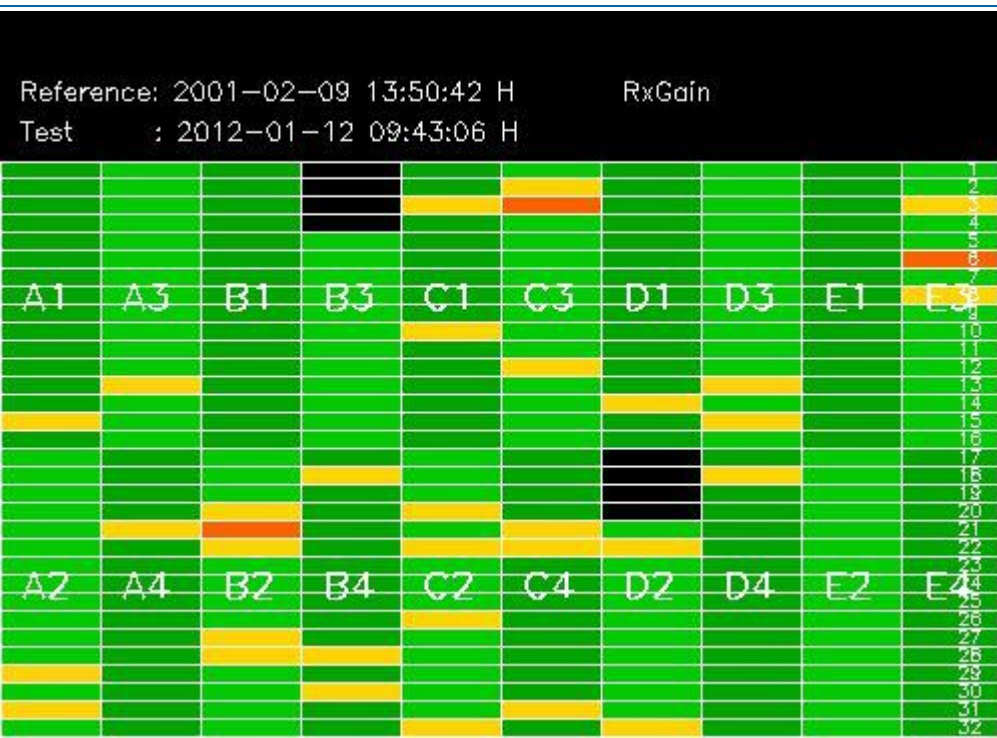


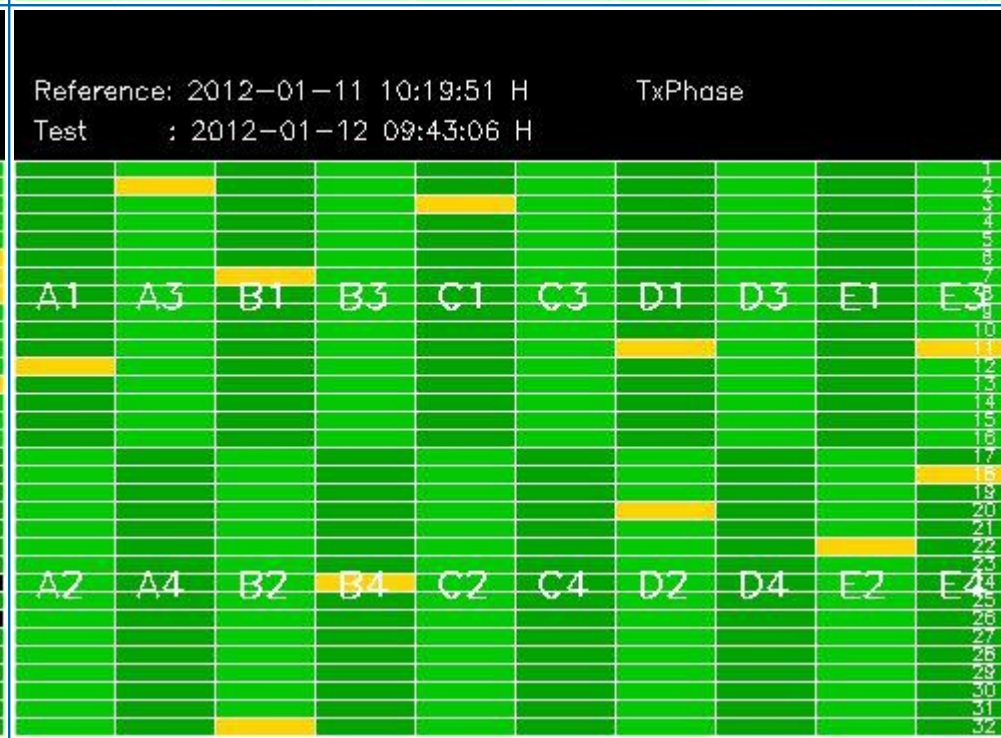
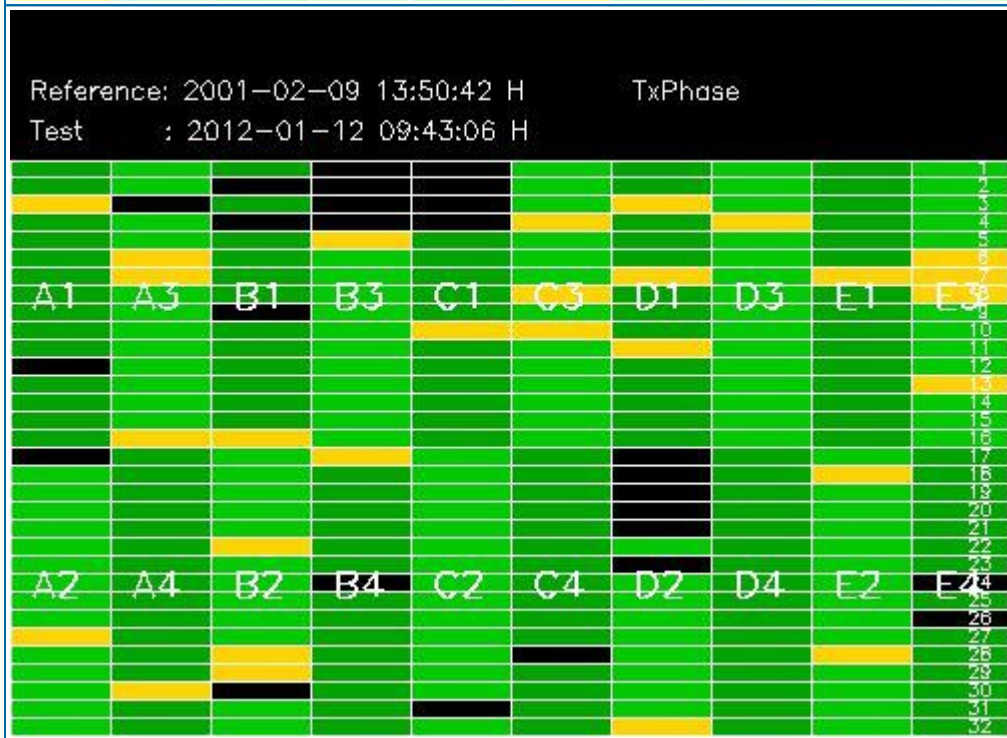
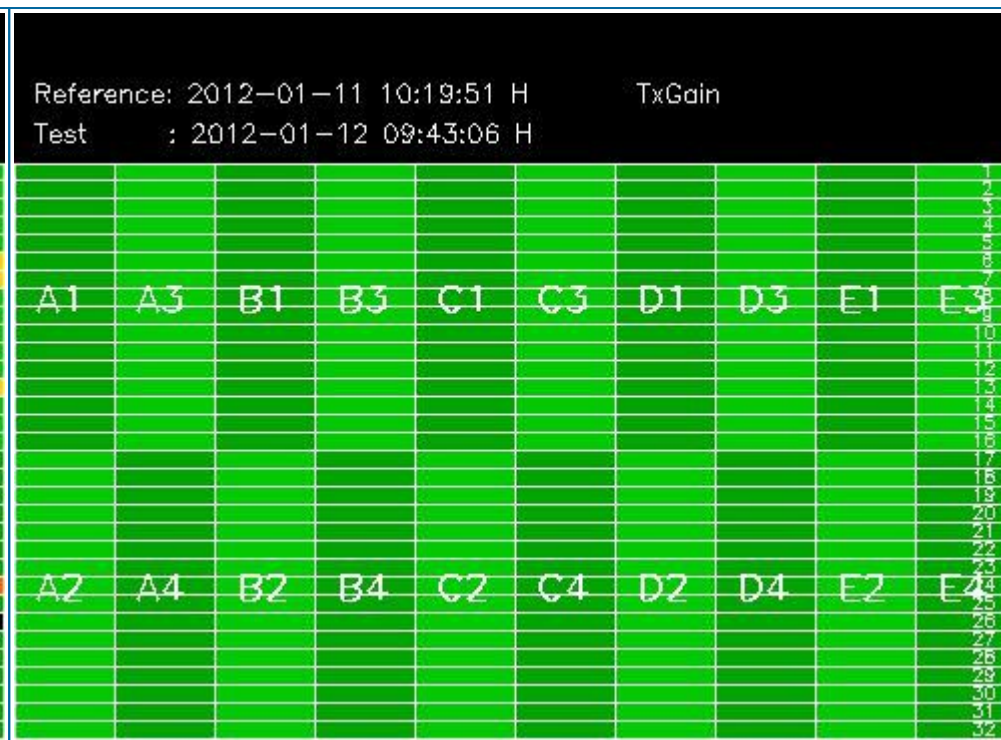
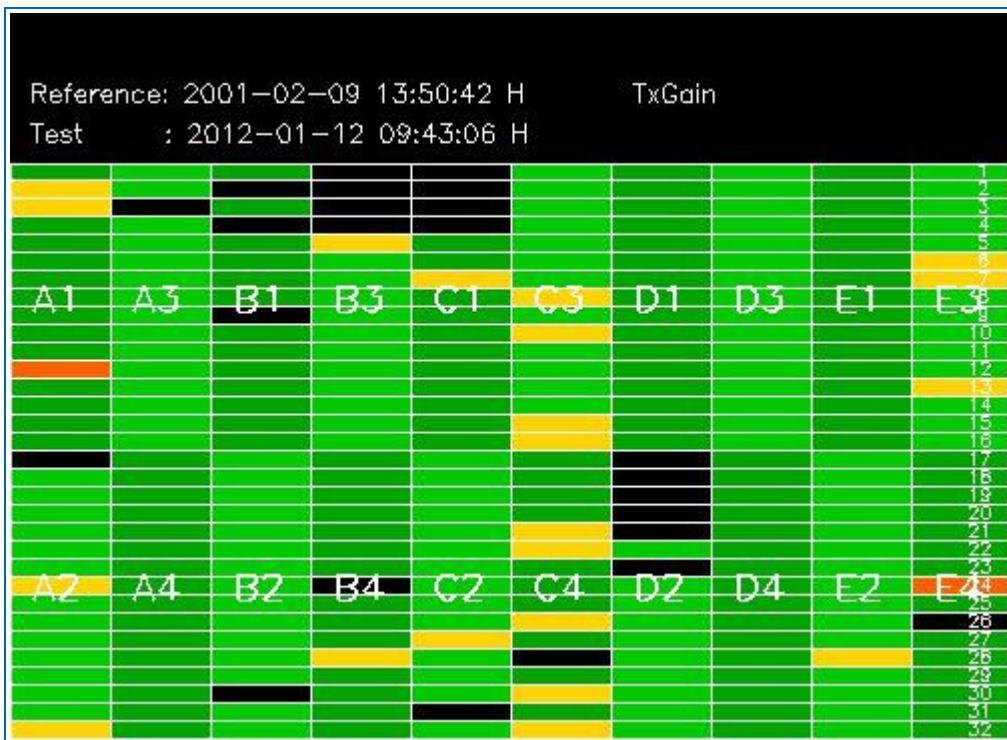


3.2 - H/H polarisation

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





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

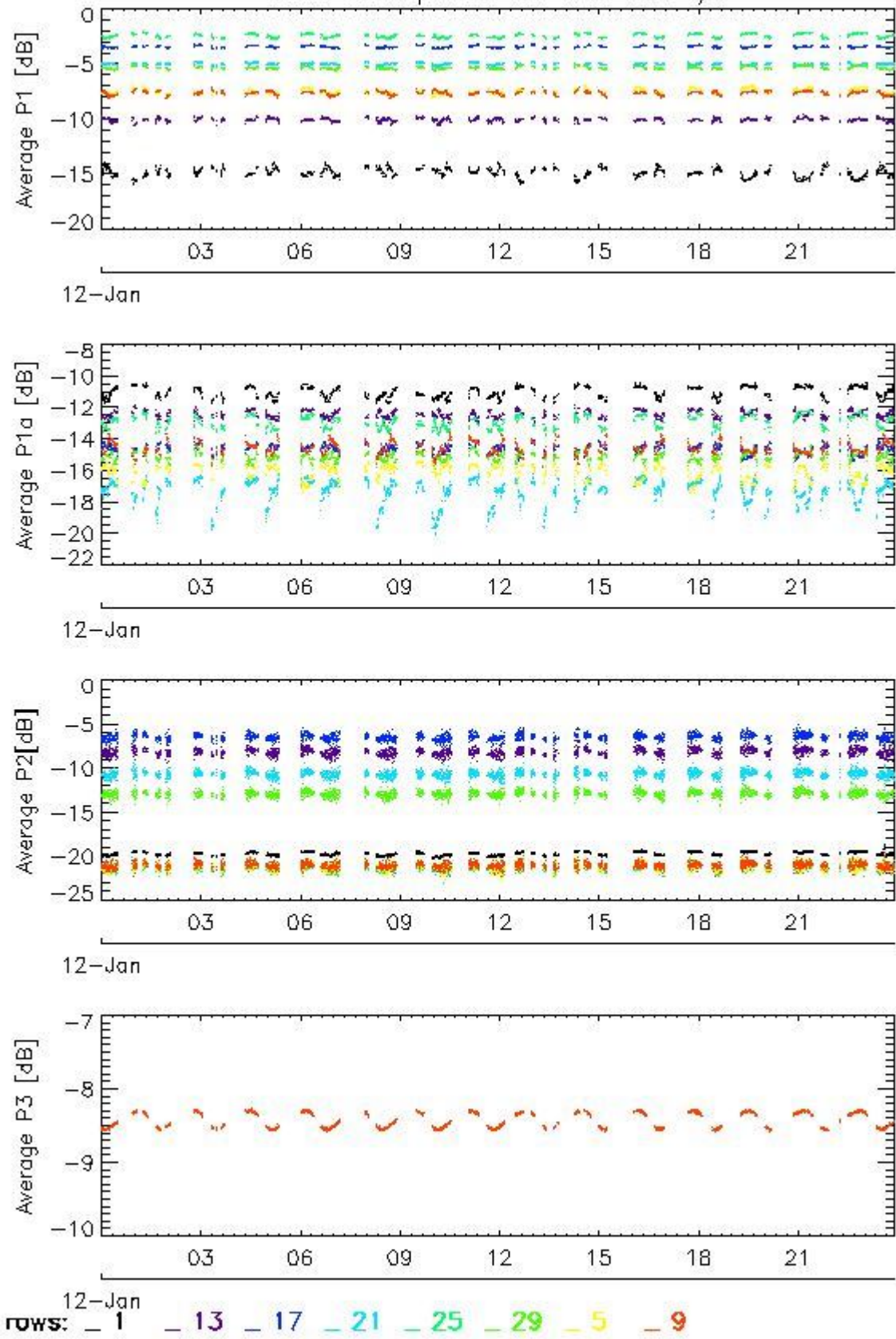
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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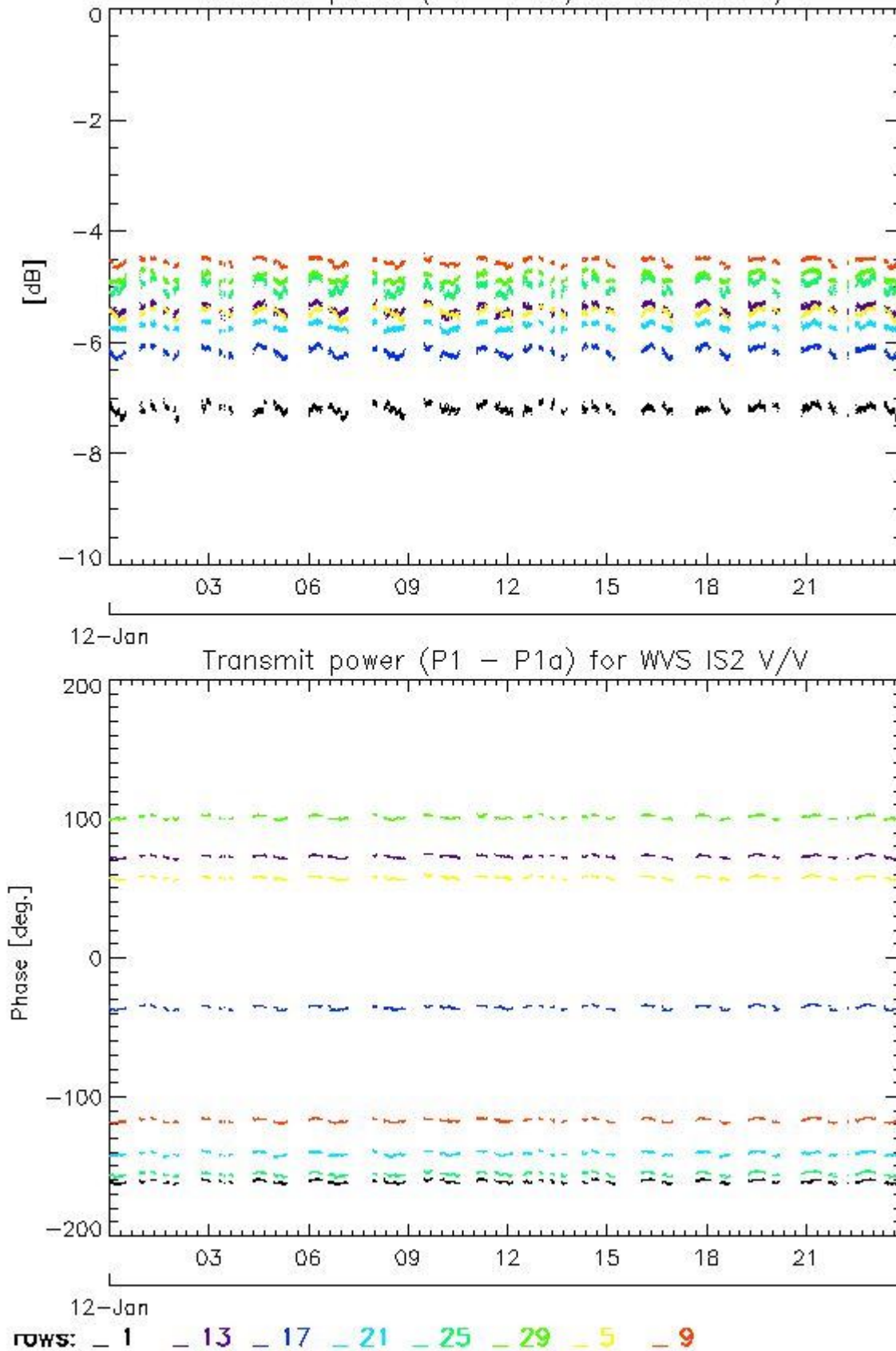
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



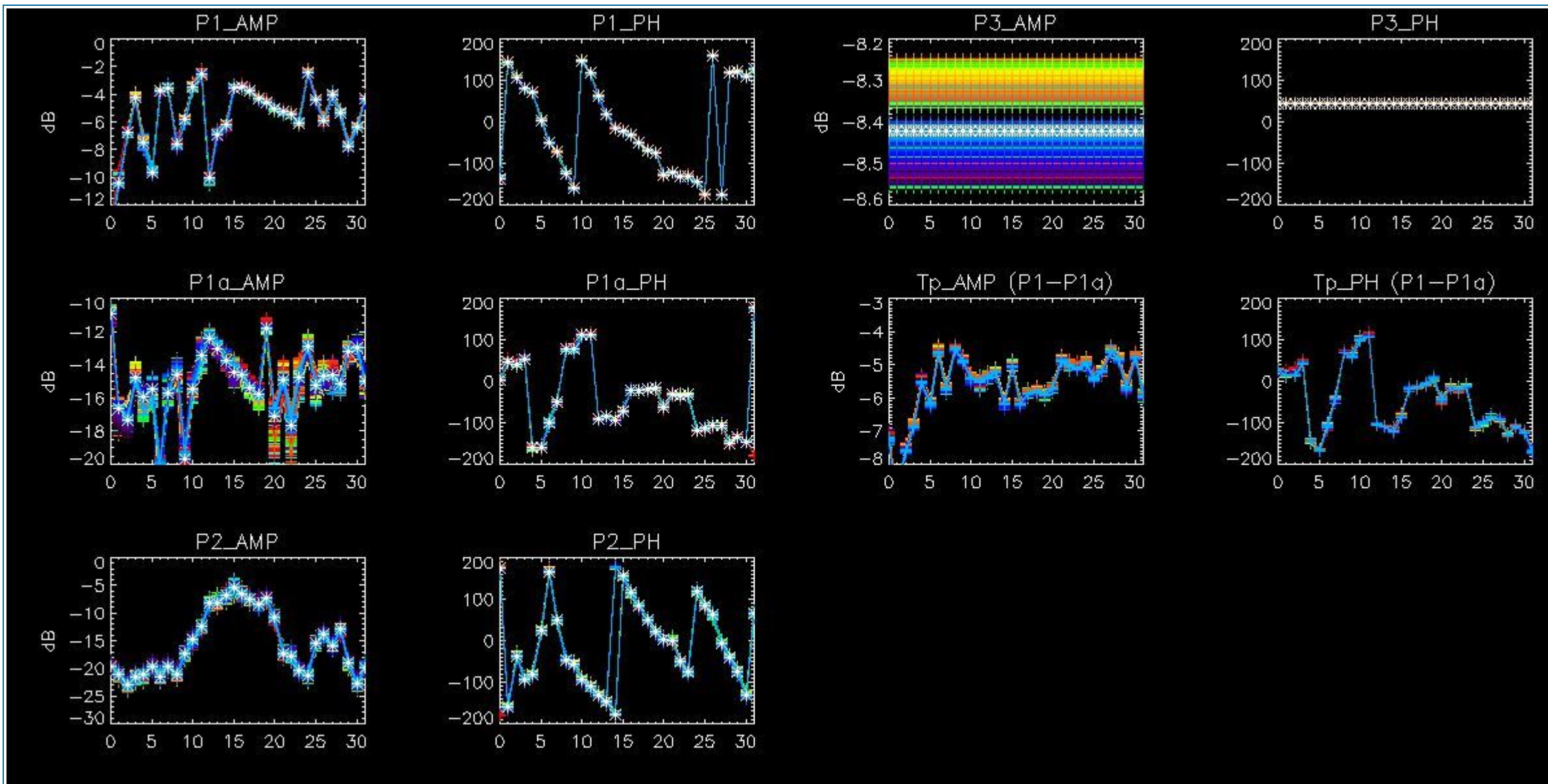
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

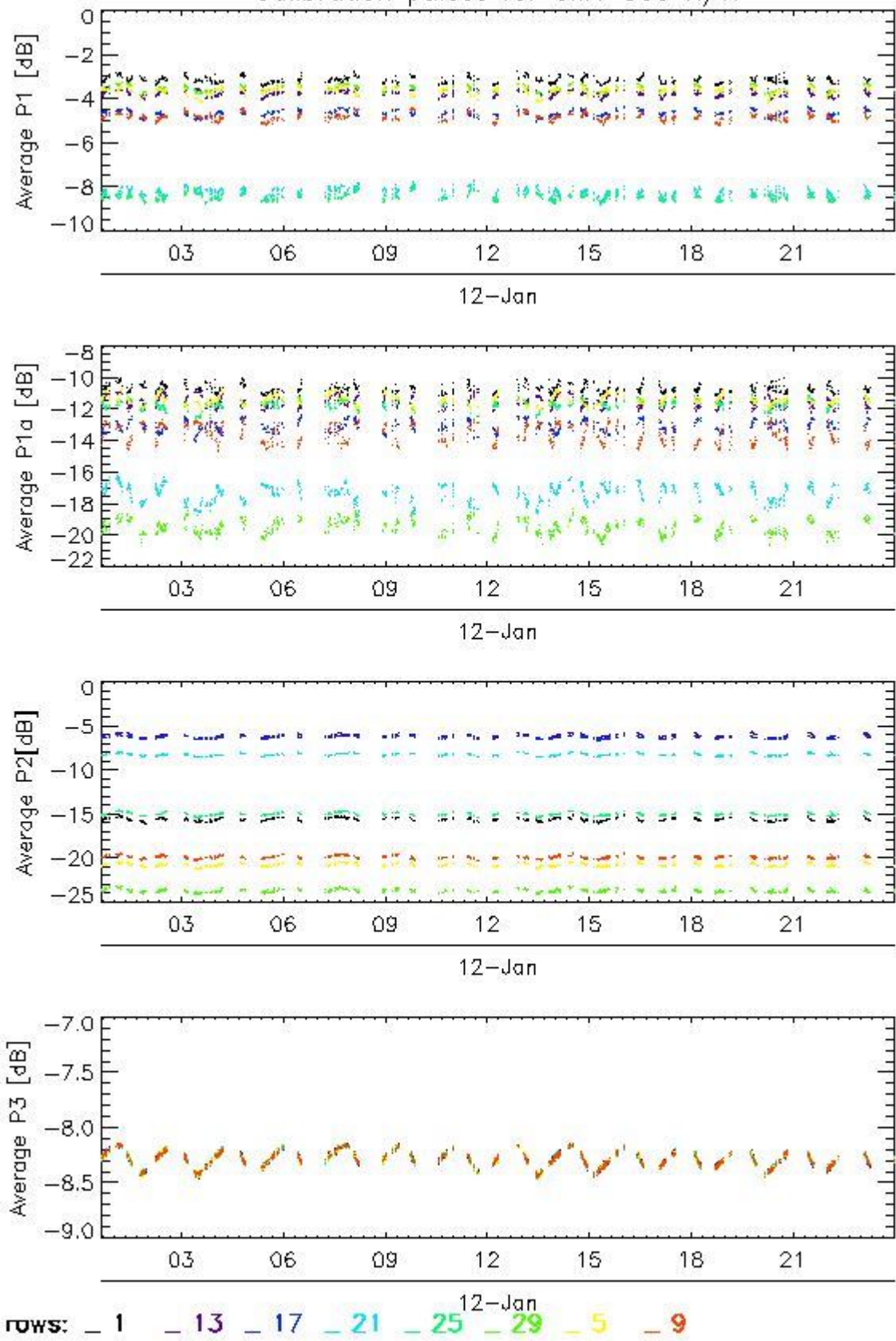
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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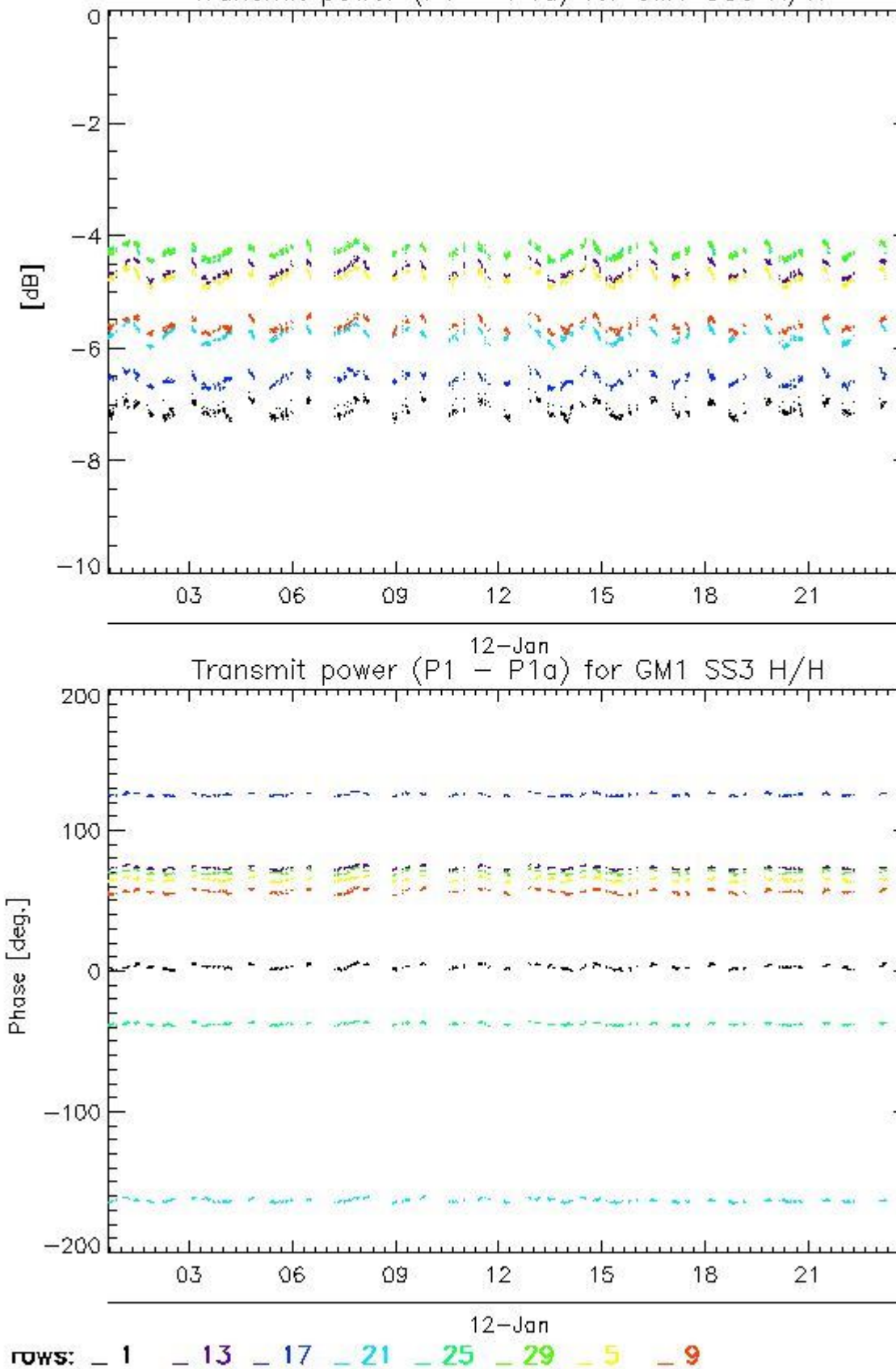
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



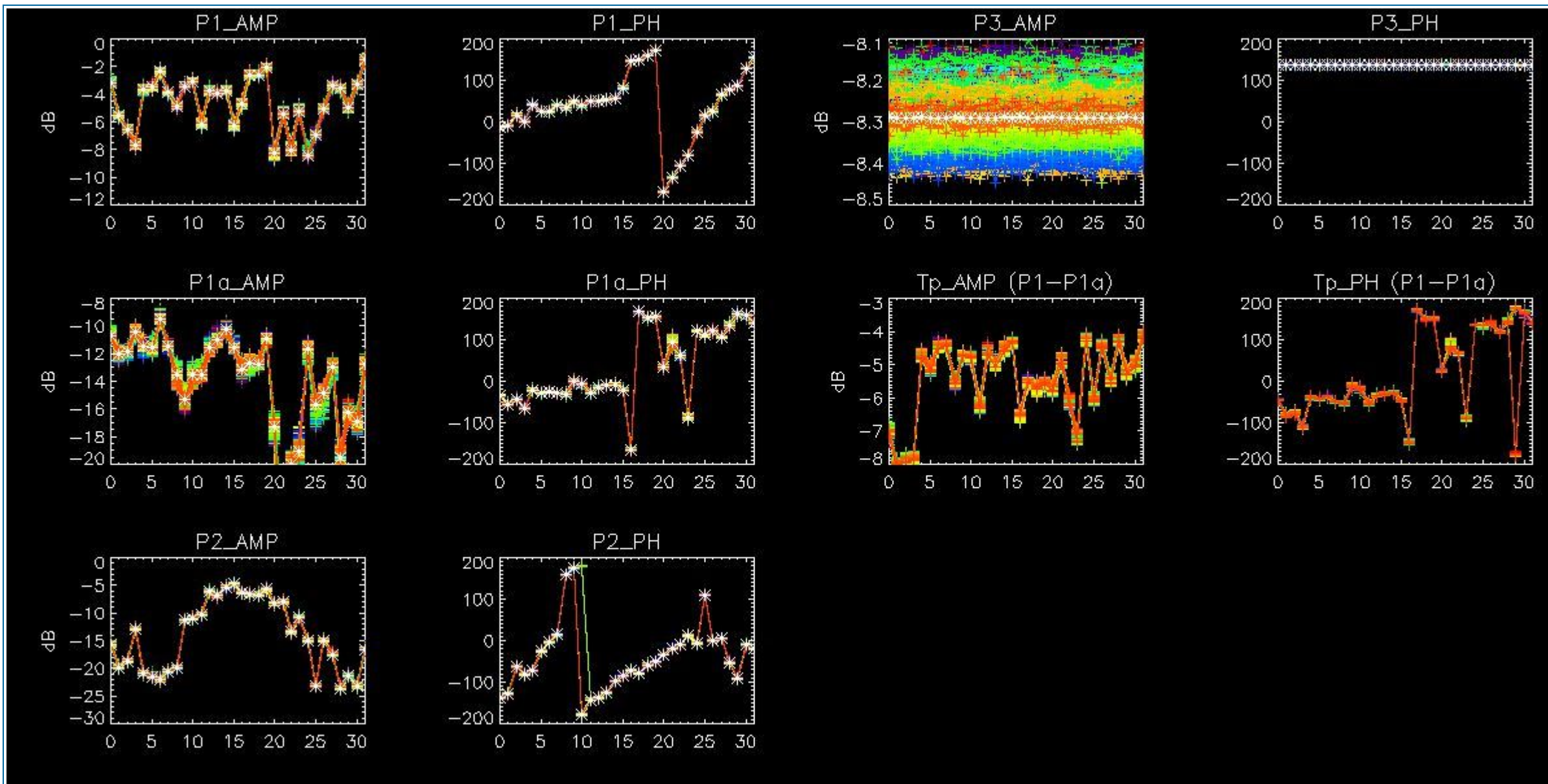
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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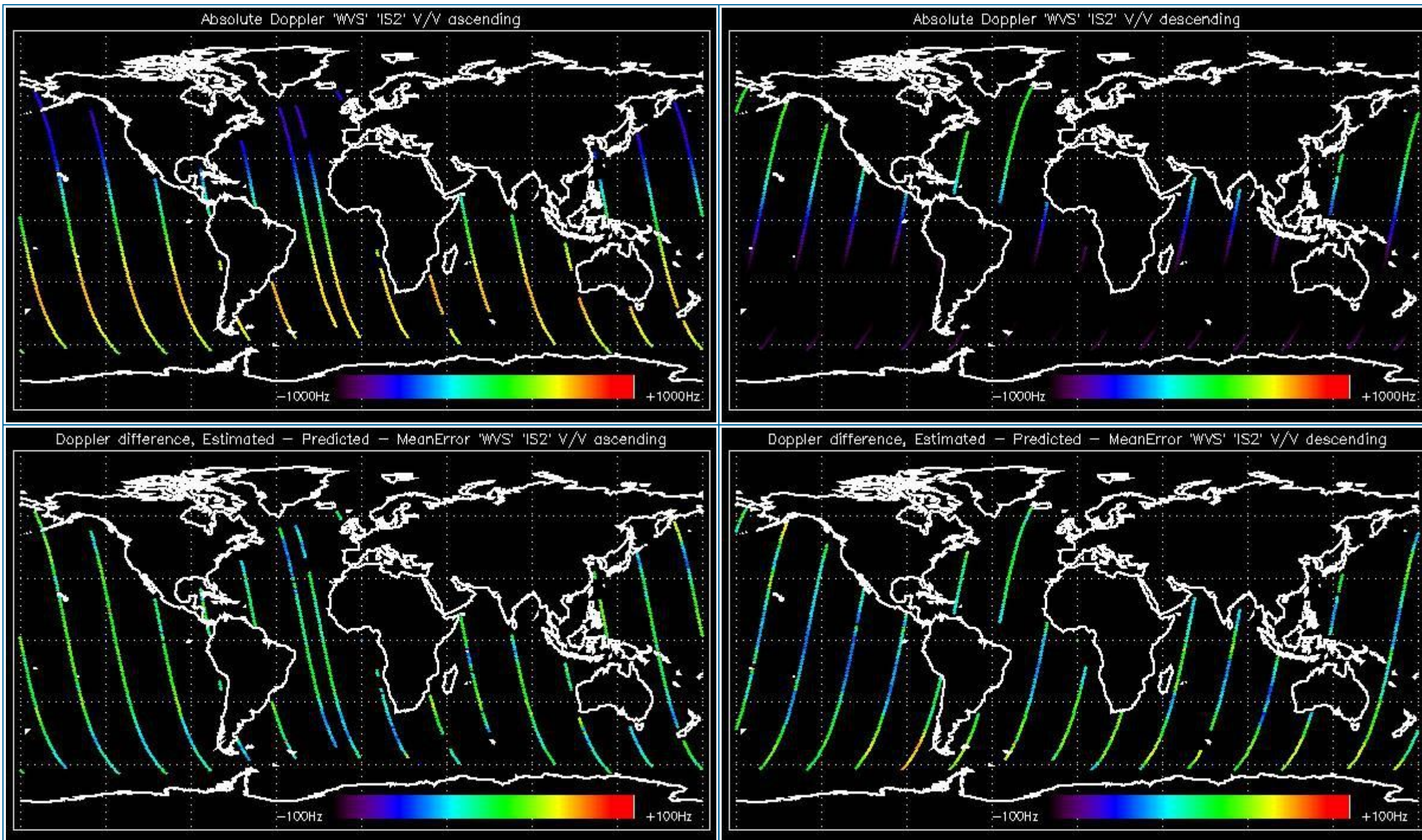
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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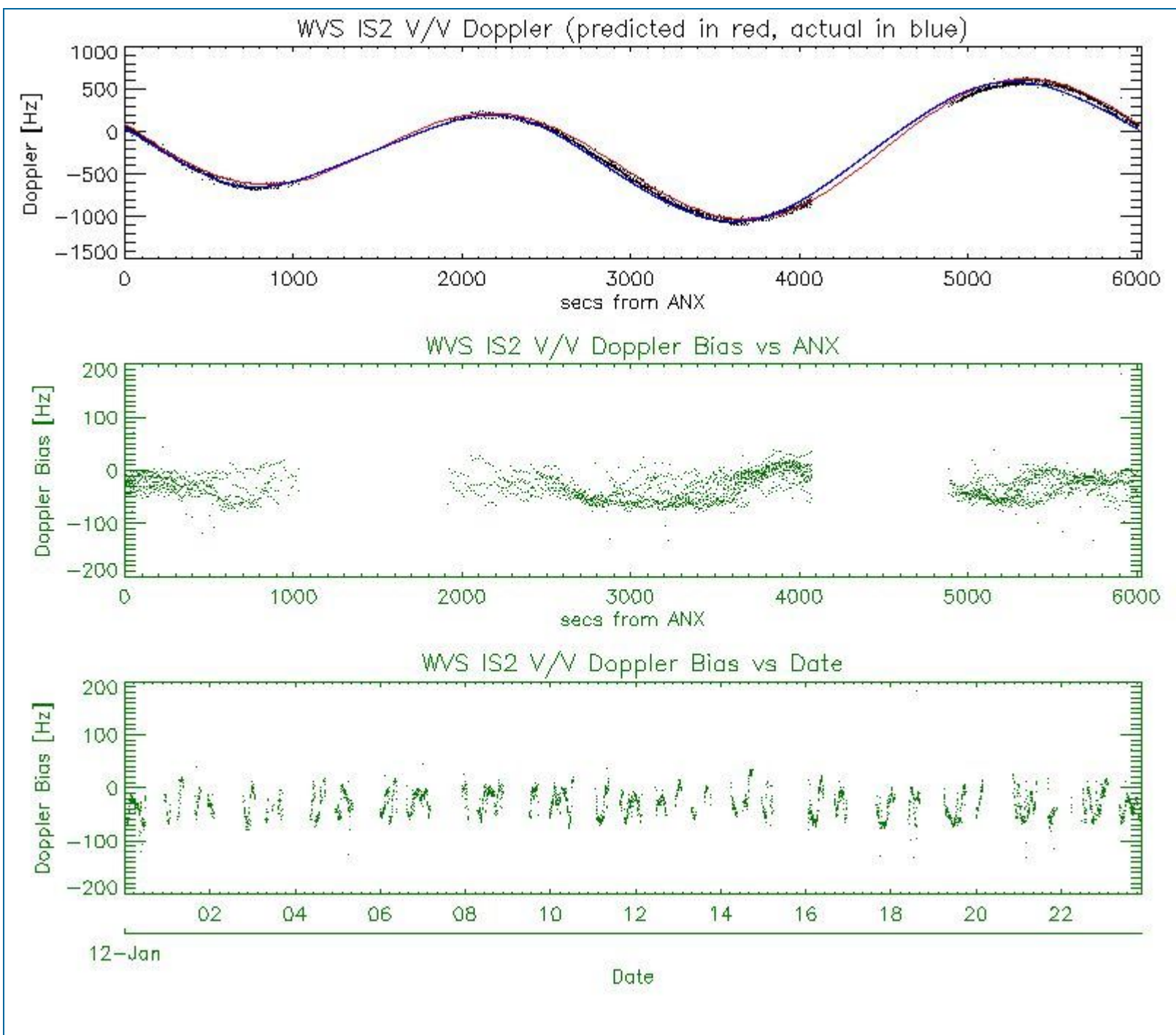




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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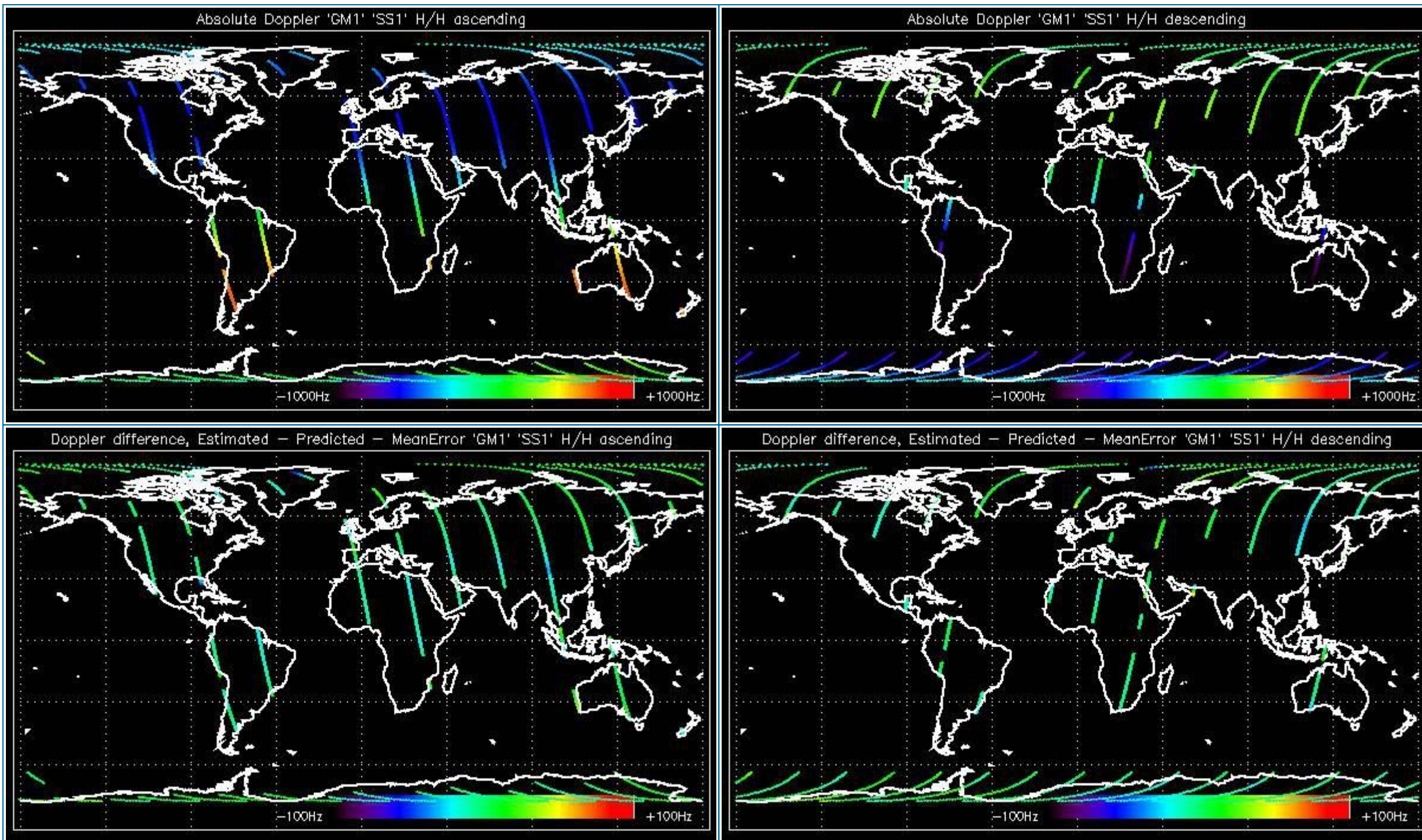


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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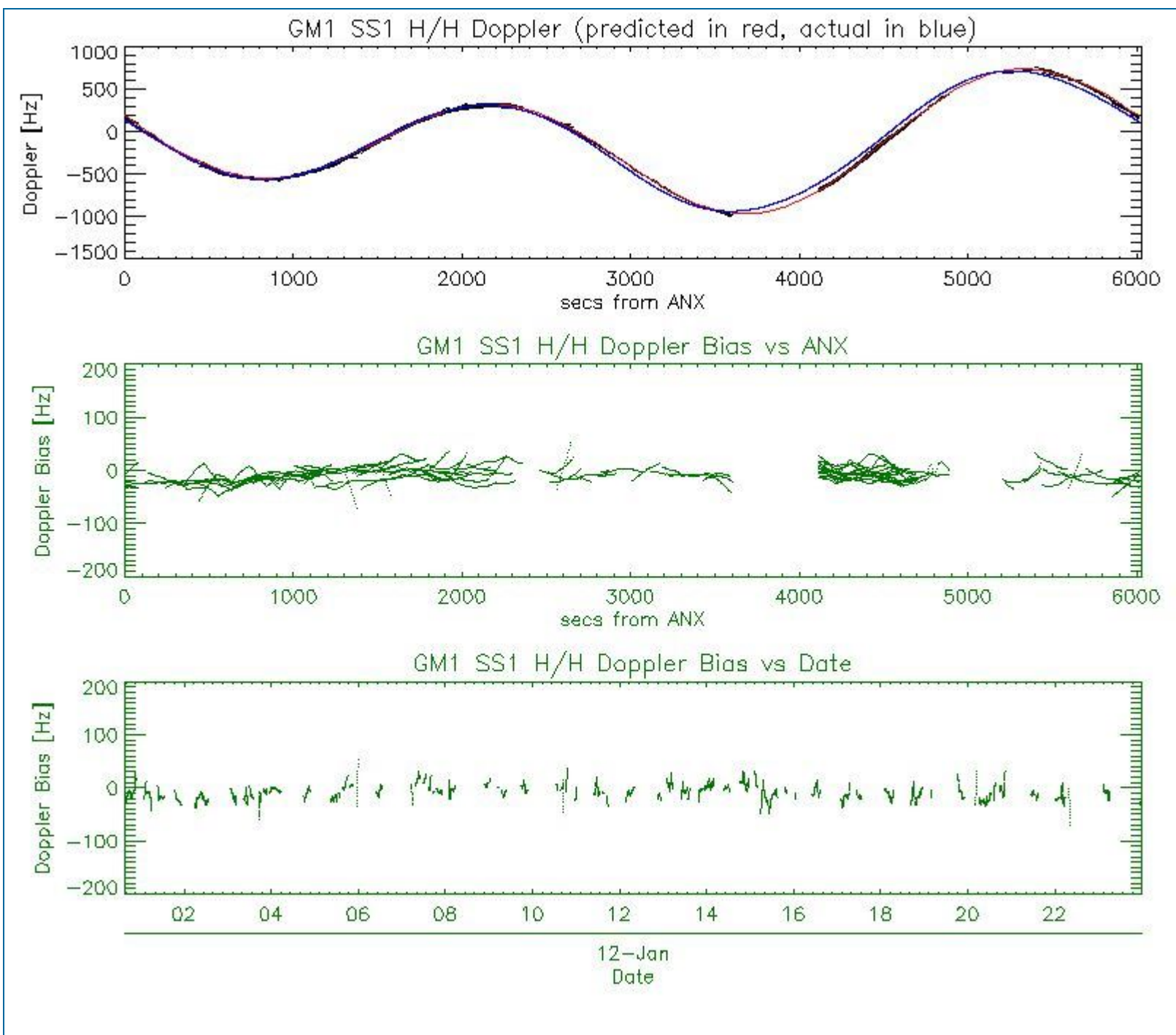




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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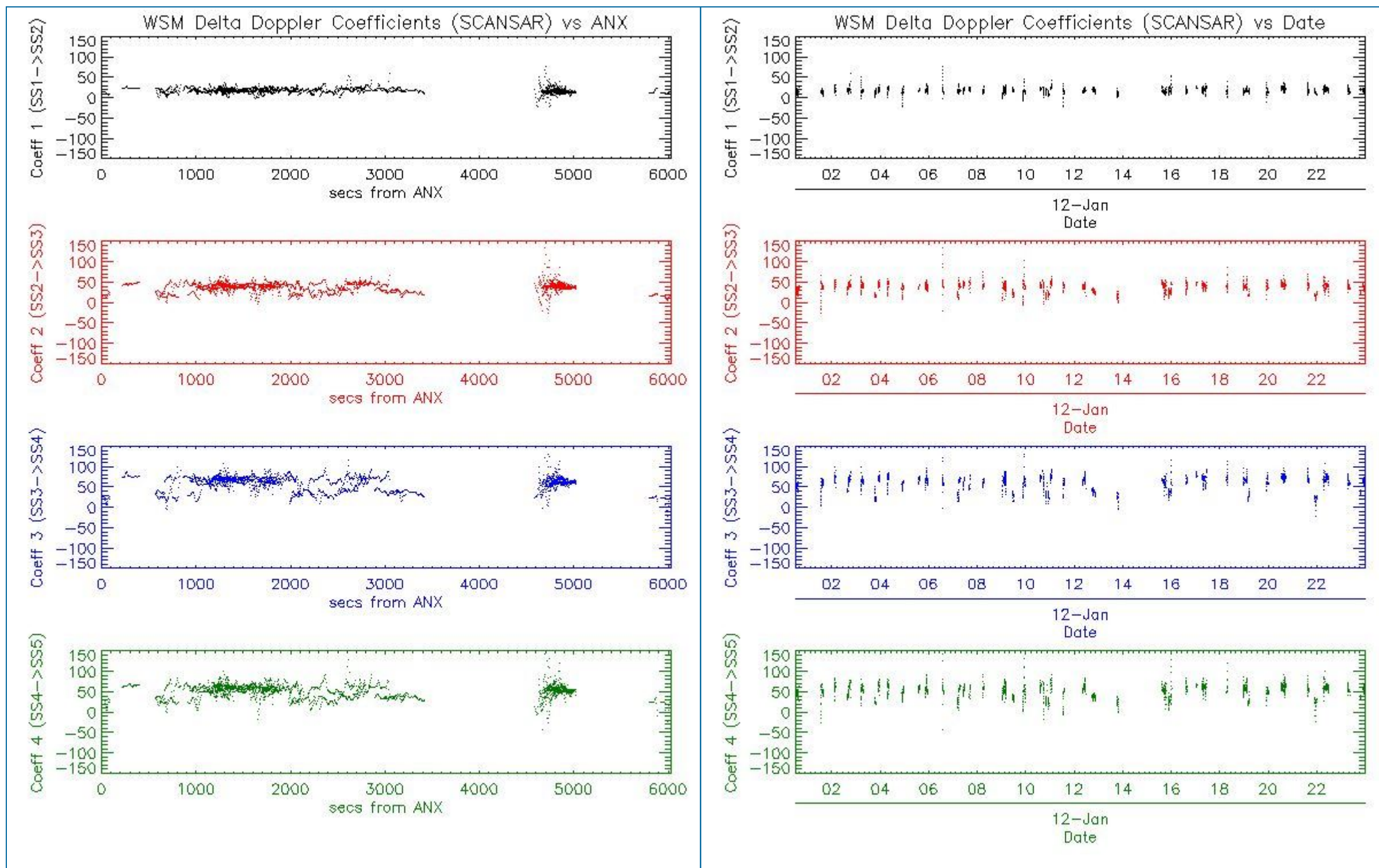




5.3 - Doppler JUMPS Analysis for WSM

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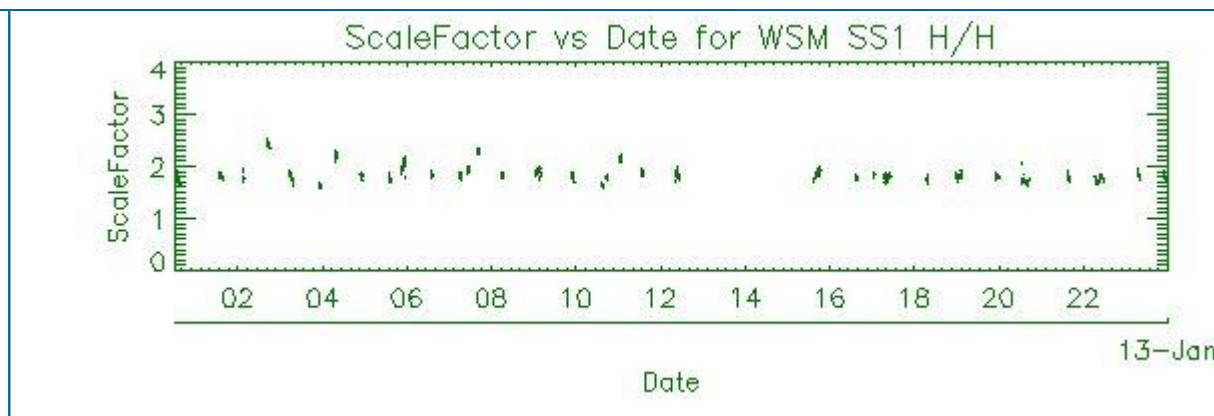
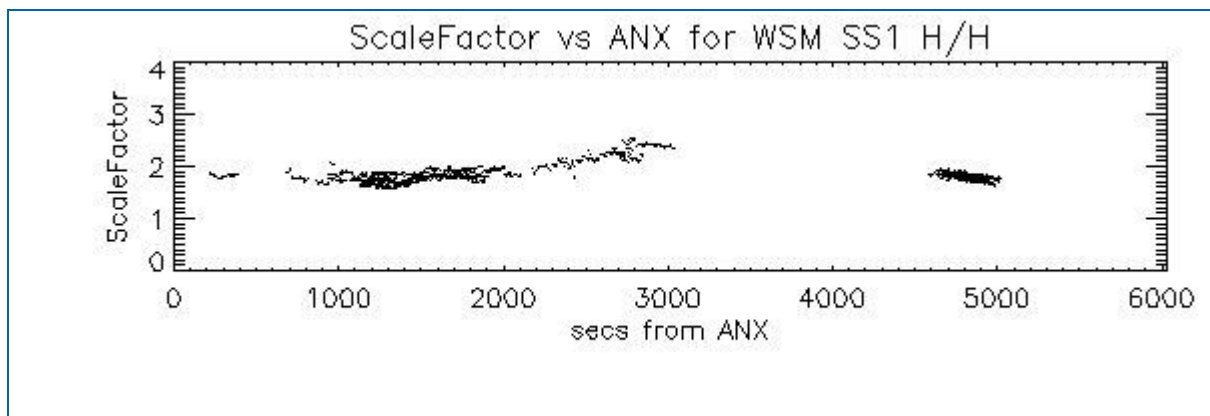
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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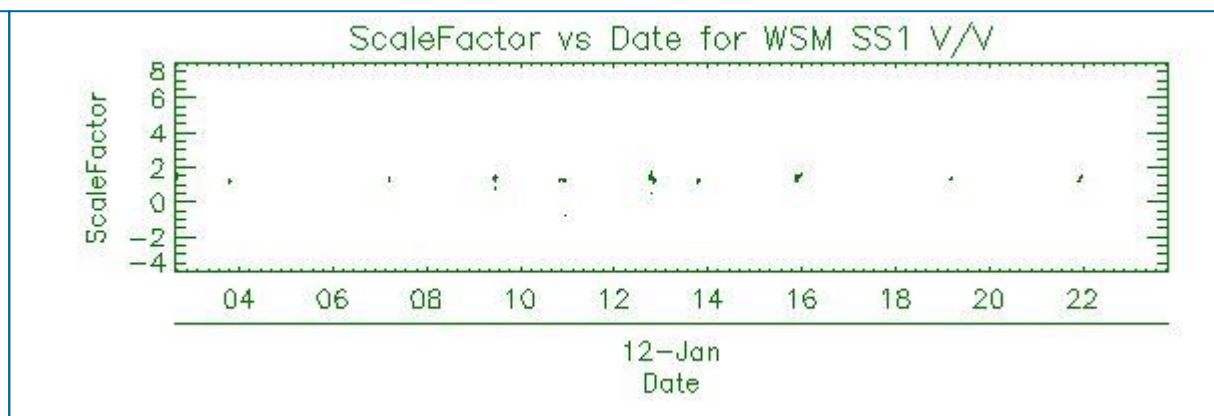
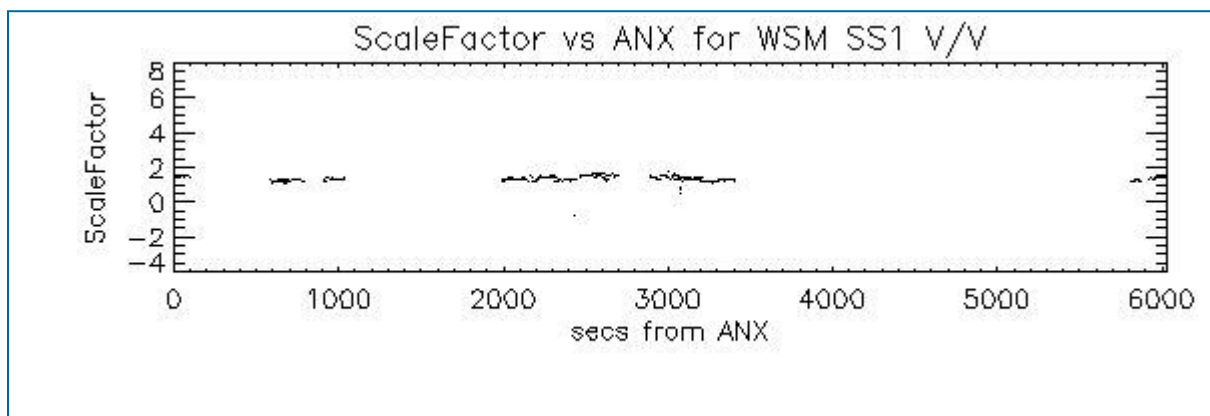




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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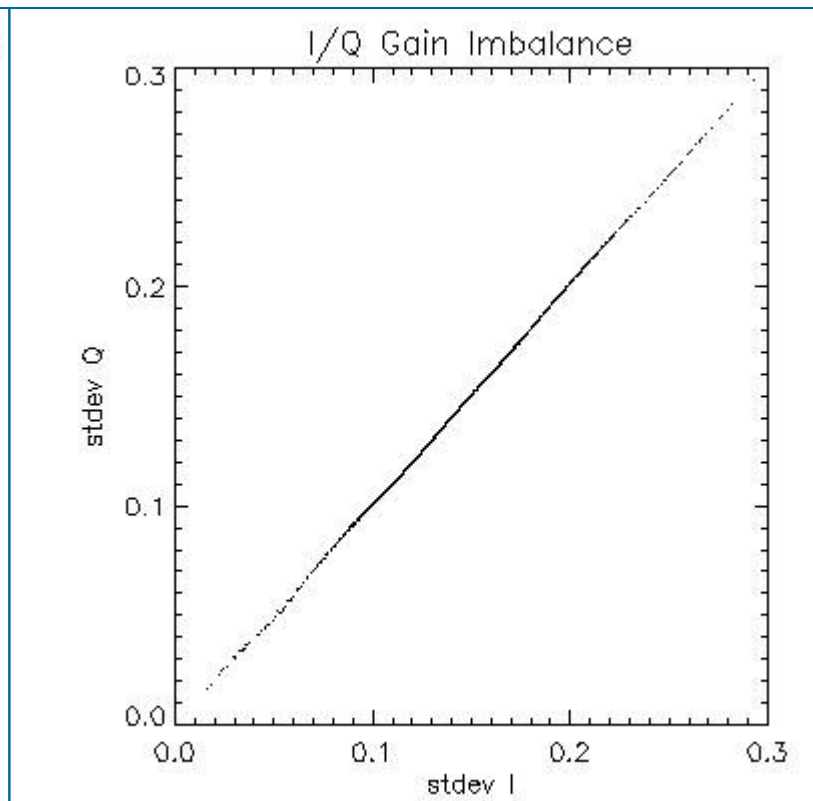
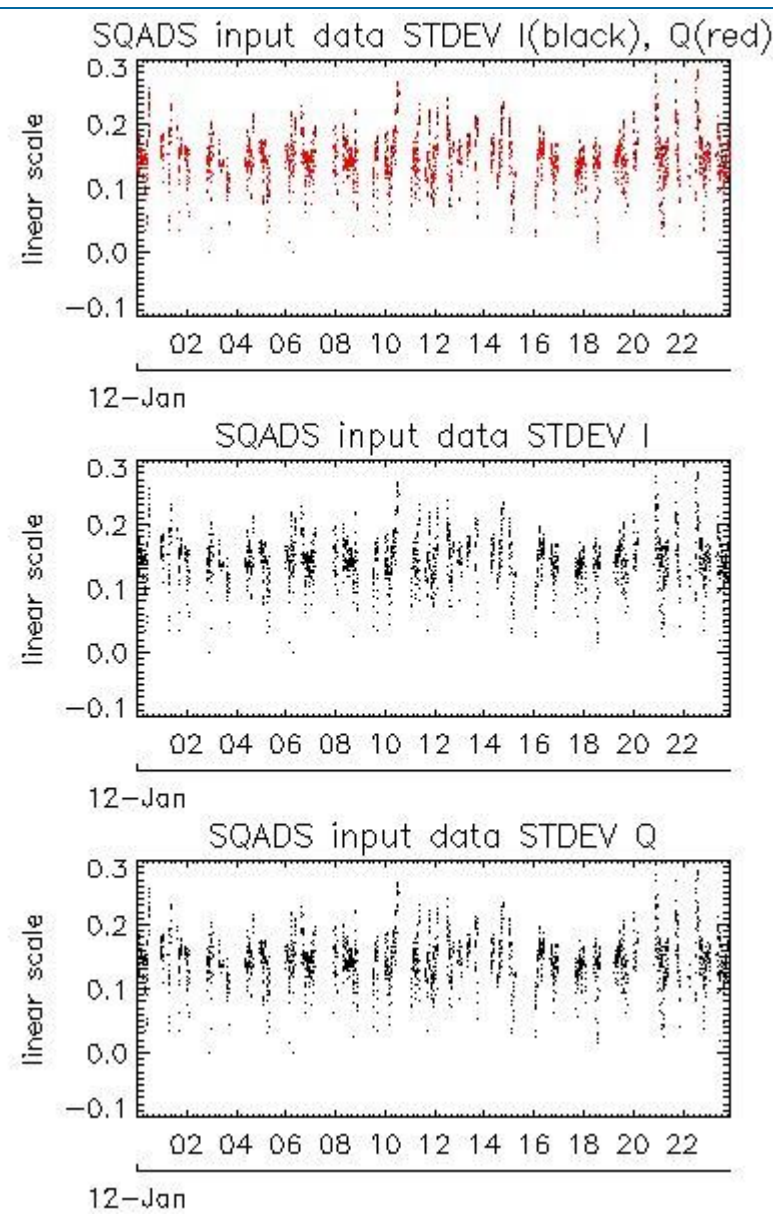
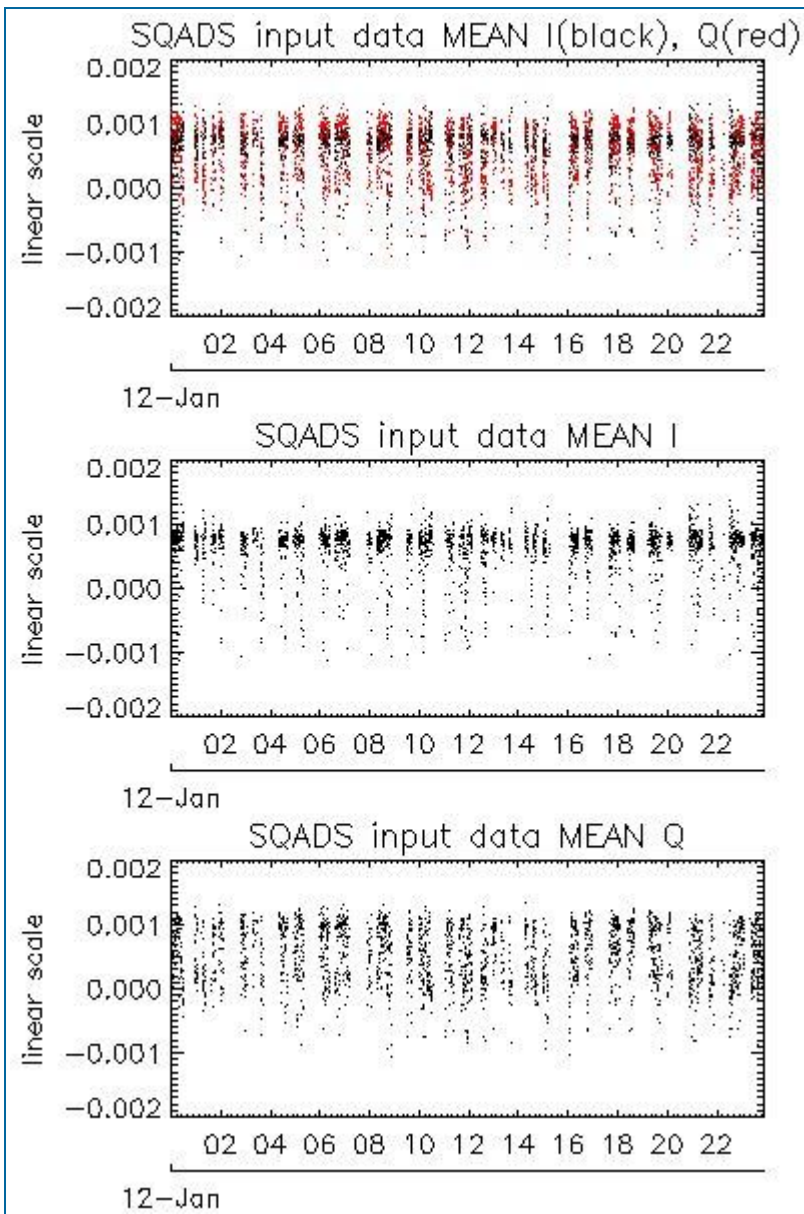


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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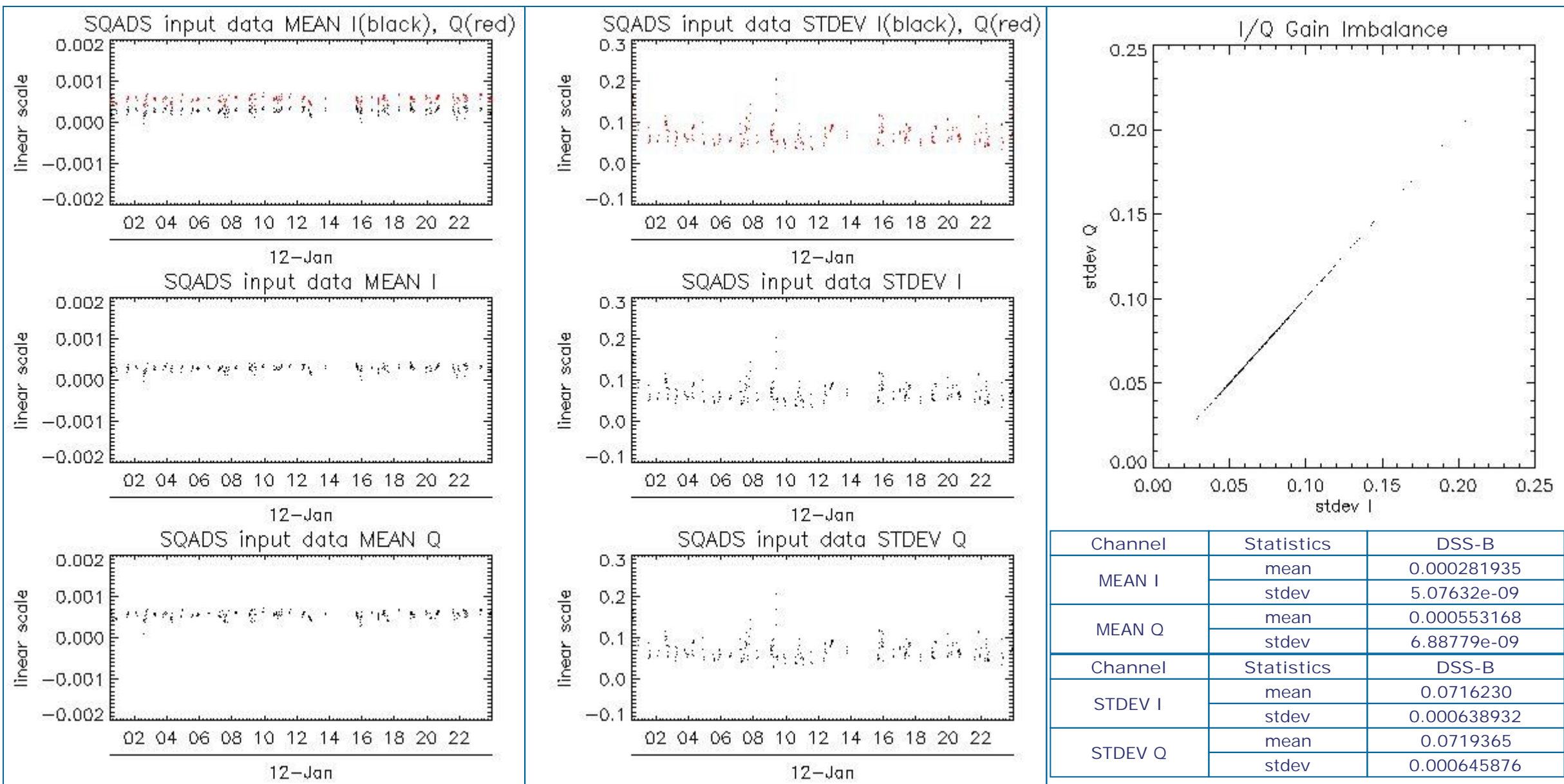


Channel	Statistics	DSS-B
MEAN I	mean	0.000616888
	stdev	1.44288e-07
MEAN Q	mean	0.000529321
	stdev	2.06566e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.146121
	stdev	0.00129820
STDEV Q	mean	0.146640
	stdev	0.00132464

7.2 - Analysis for IMM

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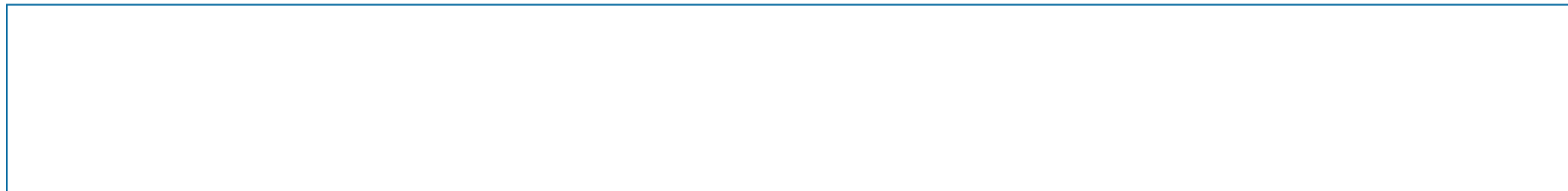


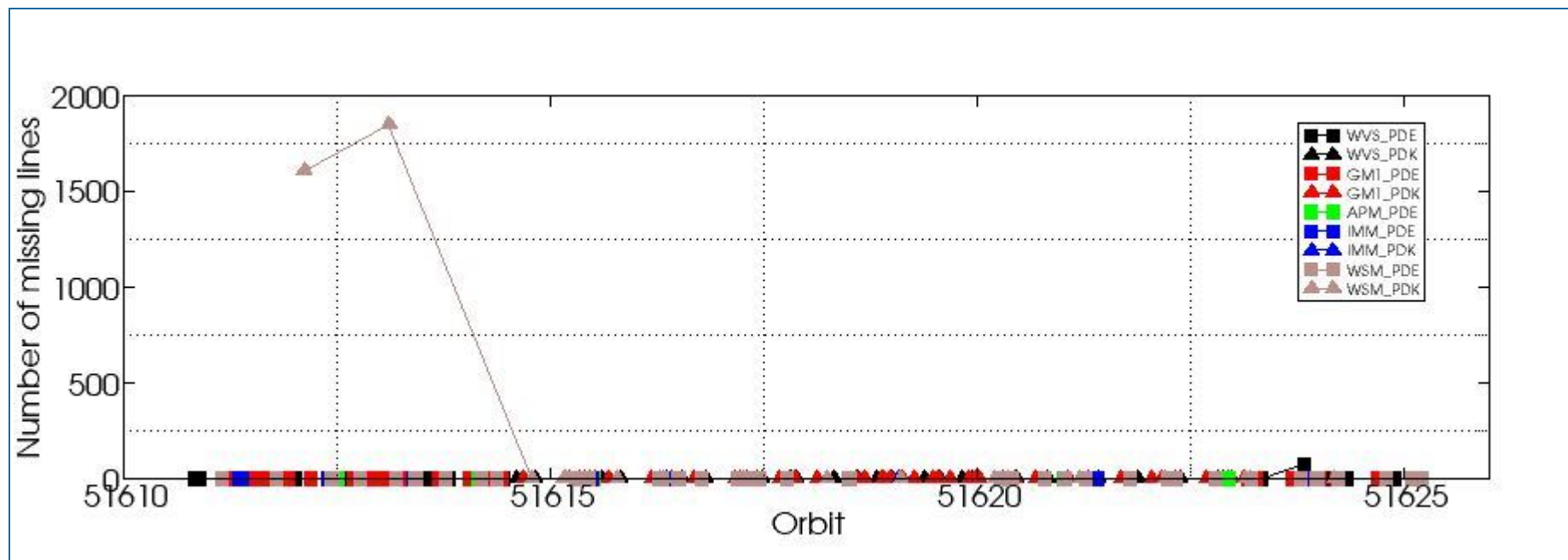
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120111_235833_000003903110_00303_51610_8992.N1	1	0
PDE	ASA_WVS_1PNPDE20120112_005603_000004853110_00304_51611_9015.N1	0	8
PDE	ASA_WVS_1PNPDE20120112_013839_000002403110_00304_51611_9023.N1	1	0
PDE	ASA_WVS_1PNPDE20120112_042119_000008993110_00306_51613_9084.N1	1	0
PDE	ASA_WVS_1PNPDE20120112_214128_000002253110_00316_51623_9286.N1	0	80
PDE	ASA_WVS_1PNPDE20120112_232146_000003003110_00317_51624_9315.N1	1	0
PDK	ASA_WSM_1PNPDK20120112_020612_000001773110_00305_51612_4534.N1	10	1609
PDK	ASA_WSM_1PNPDK20120112_034623_000001533110_00306_51613_4555.N1	10	1851

8.1 - Number of Missing lines

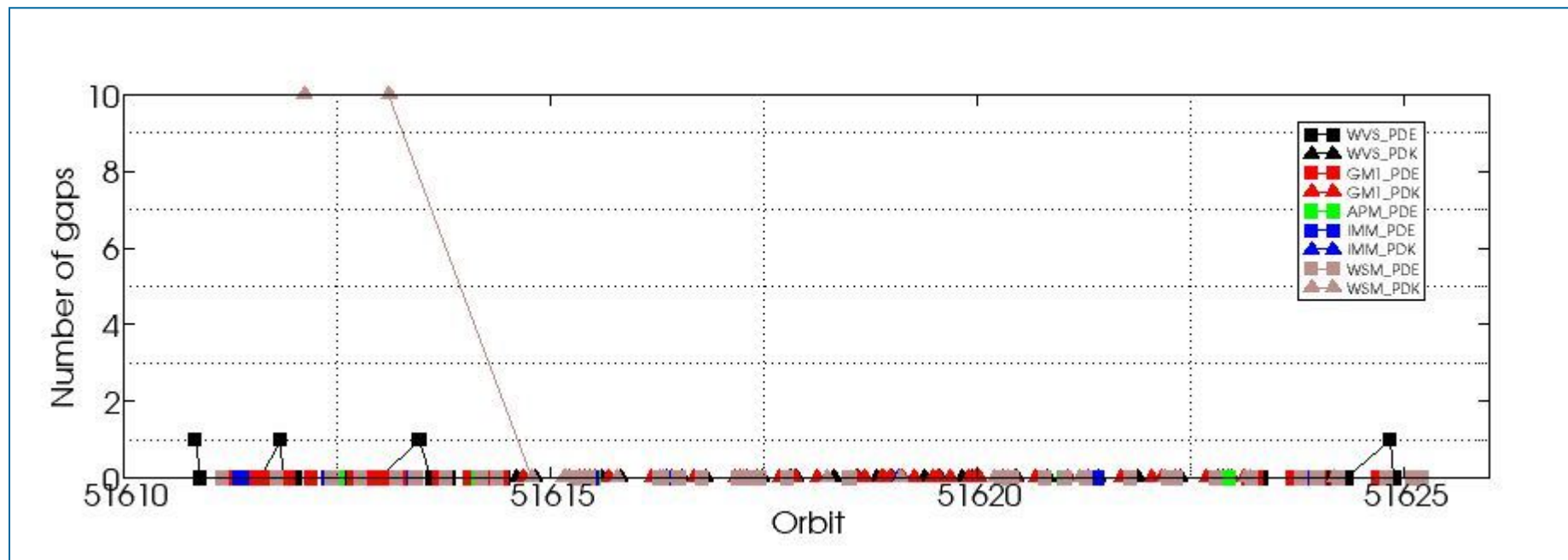
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 120112
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-01-12 00:00:00

Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/

DATA SUMMARY

Summary will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120112/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120112/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/AUXILIARY

Creating directory ./RESULTS/DAILY/_120112/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120112*current_3_IECF_ADFs.txt
 Found list 20120112_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/_120112/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120112_000403_000015443110_00303_51610_9011.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_005603_000004853110_00304_51611_9015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_011451_000004803110_00304_51611_9017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_013839_000002403110_00304_51611_9023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_014154_000002703110_00304_51611_9037.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_015636_000005393110_00305_51612_9045.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_024735_000003903110_00305_51612_9046.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_025335_000005703110_00305_51612_9074.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_031835_000001803110_00305_51612_9072.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_032826_000000593110_00305_51612_9076.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_033601_000003593110_00306_51613_9081.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_042119_000008993110_00306_51613_9084.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_043604_000000903110_00306_51613_9111.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_044036_000001503110_00306_51613_9112.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20120112_214128_000002253110_00316_51623_9286.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDE20120112_215250_000000443110_00316_51623_9306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_221406_000000603110_00317_51624_9304.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_222955_000021443110_00317_51624_9308.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_232146_000003003110_00317_51624_9315.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120112_232601_000012593110_00317_51624_9325.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120112_061553_000004503110_00307_51614_4573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120112_063702_000019943110_00307_51614_4577.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120112_075545_000004803110_00308_51615_4603.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120112_081716_000021593110_00308_51615_4607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120112_092948_000007653110_00309_51616_4640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120112_133654_000002993110_00312_51619_4700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120112_182443_000009593110_00314_51621_4808.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120112_191433_000018443110_00315_51622_4835.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WVS_1PNPDK20120112_200024_000001203110_00315_51622_4837.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WVS_1PNPDK20120112_200438_000003153110_00315_51622_4840.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_GM1.txt...

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 ASA_GM1_1PNPDE20120112_014713_000005613110_00304_51611_9038.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_APM.txt...

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ASA_APM_1PNPDE20120112_092348_000001033110_00309_51616_9171.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120112_165901_000000863110_00314_51621_9259.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_IMM.txt...

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ASA_IMM_1PNPDE20120112_073412_000001433110_00308_51615_9146.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_074422_000001093110_00308_51615_9148.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_091354_000001313110_00309_51616_9170.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_155603_000000673110_00313_51620_9257.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_173317_000002763110_00314_51621_9264.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_173801_000000363110_00314_51621_9263.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120112_215136_000000683110_00316_51623_9293.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120112_091253_000000753110_00309_51616_4619.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120112_134410_000000373110_00312_51619_4714.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_120112/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20120112_003034_000004593110_00304_51611_9007.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```


MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120112/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120112/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120112_094306_000000163110_00309_51616_0974.N1

H
H
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120112_094306-20010209_135042.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120112_094306-20010209_135042.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120112_094306-20010209_135042.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120112_094306-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120112_112320_000000163110_00310_51617_0975.N1

V
V
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120112_112320-20010209_140823.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120112_112320-20010209_140823.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120112_112320-20010209_140823.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120112_112320-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20120111_101951_000000163110_00295_51602_0972.N1
Test product: ASA_MS__0PNPDK20120112_094306_000000163110_00309_51616_0974.N1

H
H
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120112_094306-20120111_101951.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120112_094306-20120111_101951.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120112_094306-20120111_101951.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120112_094306-20120111_101951.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120111_120005_000000163110_00296_51603_0973.N1
Test product: ASA_MS__0PNPDK20120112_112320_000000163110_00310_51617_0975.N1

V
V
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120112_112320-20120111_120005.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120112_112320-20120111_120005.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120112_112320-20120111_120005.png
../../RESULTS/DAILY/_120112/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120112_112320-20120111_120005.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120112/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59

Analysing products WVS IS2 V/V

1 81537 7 81537

Writing image ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 37601 7 37601

Writing image ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-12_1.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-12_2.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-12_3.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-12_4.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120112//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 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-12_1.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-12_2.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-12_3.dat...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-12 00:00:00 to 2012-01-12 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120112/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-12_4.dat...



Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/_120112//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/_120112/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
 Writing file ./RESULTS/DAILY/_120112/DOPPLER/Doppler_data_WVS_IS2_VV_2012-01-12.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120112/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
 Writing file ./RESULTS/DAILY/_120112/DOPPLER/Doppler_data_GM1_SS1_HH_2012-01-12.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120112/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2012-01-12 00:00:00 to 2012-01-12 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
 Writing file ./RESULTS/DAILY/_120112/DOPPLER/Doppler_Jumps_data_WSM_2012-01-12.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_120112/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/_120112/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59

Analysing products WVS IS2 V/V
 1244
 Loading predicted doppler values....
 ./PREDICTED_DOPPLER/doppler.WV_2
 Phase: descending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -29.675480 Hz
 Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
 Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1306
 Loading predicted doppler values....
 ./PREDICTED_DOPPLER/doppler.WV_2
 Phase: ascending
 Found data...

```
Computing mean error doppler estimated-predicted...
Mean error = -30.598829 Hz
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...
```

```
Analysing products GM1 SS1 H/H
```

```
    2250
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -4.7254717 Hz
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
    2529
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -12.891630 Hz
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120112//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120112/CHIRP...
```

```
CHIRP Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-01-12.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120112/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120112/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-01-12.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120112/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120112/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed
#####

RAW DATA ANALYSIS

Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/RAW_DATA

Creating directory ./RESULTS/DAILY/_120112/RAW_DATA...

Getting raw data for WVS from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/RAW_DATA/Raw_data_WVS_2012-01-12.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-01-12 00:00:00 to 2012-01-12 23:59:59...
Writing file ./RESULTS/DAILY/_120112/RAW_DATA/Raw_data_IMM_2012-01-12.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120112/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2012-01-12 00:00:00 to 2012-01-12 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120112/TELEMETRY

Creating directory ./RESULTS/DAILY/_120112/TELEMETRY...

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

Checking 26 products from PDE...
Found product...ASA_WVS_1PNPDE20120111_235833_000003903110_00303_51610_8992.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120112_005603_000004853110_00304_51611_9015.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120112_013839_000002403110_00304_51611_9023.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120112_042119_000008993110_00306_51613_9084.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120112_214128_000002253110_00316_51623_9286.N1 / 0 gaps / 80 missing lines
Found product...ASA_WVS_1PNPDE20120112_232146_000003003110_00317_51624_9315.N1 / 1 gaps / 0 missing lines
Checking 25 products from PDK...

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

Checking 27 products from PDE...
Checking 48 products from PDK...

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

Checking 6 products from PDE...
No products from PDK...

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

Checking 14 products from PDE...



Checking 2 products from PDK...

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

Checking 43 products from PDE...

Checking 18 products from PDK...

Found product...ASA_WSM_1PNPDK20120112_020612_000001773110_00305_51612_4534.N1 / 10 gaps / 1609 missing lines

Found product...ASA_WSM_1PNPDK20120112_034623_000001533110_00306_51613_4555.N1 / 10 gaps / 1851 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120112/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_120112/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_120112/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_1PNPDE20120112_024633_000000563110_00305_51612_9033.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120112_053051_000000573110_00307_51614_9107.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120112_074638_000000433110_00308_51615_9149.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120112_092348_000001033110_00309_51616_9171.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120112_165901_000000863110_00314_51621_9259.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120112_201212_000001643110_00315_51622_9275.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_1PNPDE20120112_003816_000006223110_00304_51611_9012.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_005100_000001933110_00304_51611_9014.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_010457_000001693110_00304_51611_9013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_010844_000003683110_00304_51611_9016.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_012329_000005733110_00304_51611_9022.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_014713_000005613110_00304_51611_9038.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_021400_000011843110_00305_51612_9044.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_030340_000005133110_00305_51612_9075.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_032215_000002113110_00305_51612_9073.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_032549_000001503110_00305_51612_9077.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_033010_000003503110_00305_51612_9079.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_034238_000002233110_00306_51613_9078.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_034928_000003083110_00306_51613_9080.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_035817_000009243110_00306_51613_9085.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_044356_000005553110_00306_51613_9113.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_052133_000005553110_00307_51614_9115.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_053212_000001203110_00307_51614_9114.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_053836_000004103110_00307_51614_9116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_054800_000002293110_00307_51614_9118.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_055816_000000903110_00307_51614_9120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_203528_000001633110_00316_51623_9281.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_204349_000004653110_00316_51623_9282.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_212616_000006283110_00316_51623_9287.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_215951_000008523110_00317_51624_9305.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_221937_000000783110_00317_51624_9307.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_230631_000005793110_00317_51624_9311.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120112_235743_000001203110_00318_51625_9326.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_062410_000005493110_00307_51614_4574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_071329_000000723110_00308_51615_4575.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_071837_000003863110_00308_51615_4576.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_072937_000002293110_00308_51615_4599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_073647_000002053110_00308_51615_4600.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_074234_000001083110_00308_51615_4601.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_080424_000005433110_00308_51615_4604.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_094436_000005133110_00309_51616_4641.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_114300_000000723110_00310_51617_4674.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_120909_000006833110_00311_51618_4676.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_130508_000004833110_00311_51618_4697.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_132526_000001023110_00311_51618_4696.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_132716_000003563110_00311_51618_4699.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_133415_000001573110_00311_51618_4701.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_140156_000004893110_00312_51619_4735.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_142348_000002593110_00312_51619_4737.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_142954_000001143110_00312_51619_4738.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_144520_000007793110_00312_51619_4741.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20120112_160128_000001023110_00313_51620_4764.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120112_162534_000006713110_00313_51620_4766.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_170405_000007853110_00314_51621_4768.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_172708_000003683110_00314_51621_4805.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_180548_000006833110_00314_51621_4807.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_184133_000007793110_00315_51622_4809.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_185309_000002653110_00315_51622_4833.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_190849_000001023110_00315_51622_4834.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_194603_000005863110_00315_51622_4838.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_201044_000000843110_00315_51622_4836.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_201515_000006833110_00315_51622_4839.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120112_202904_000001753110_00316_51623_4845.N1	OK	OK	OK	OK

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

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ASA_IMM_1PNPDE20120112_023340_000000373110_00305_51612_9034.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_023446_000000673110_00305_51612_9035.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_023625_000000363110_00305_51612_9036.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_041339_000001423110_00306_51613_9070.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_073325_000000373110_00308_51615_9145.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_073412_000001433110_00308_51615_9146.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_074422_000001093110_00308_51615_9148.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_091354_000001313110_00309_51616_9170.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_155603_000000673110_00313_51620_9257.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_173317_000002763110_00314_51621_9264.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_173801_000000363110_00314_51621_9263.N1		OK	OK	OK
ASA_IMM_1PNPDE20120112_215136_000000683110_00316_51623_9293.N1		OK	OK	OK
ASA_IMM_1PNPDK20120112_091253_000000753110_00309_51616_4619.N1		OK	OK	OK
ASA_IMM_1PNPDK20120112_134410_000000373110_00312_51619_4714.N1		OK	OK	OK

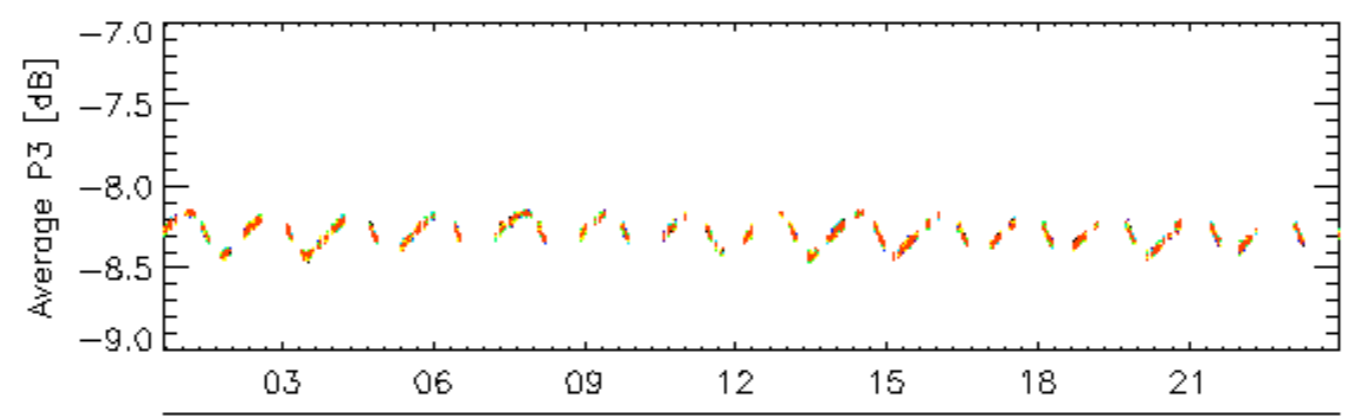
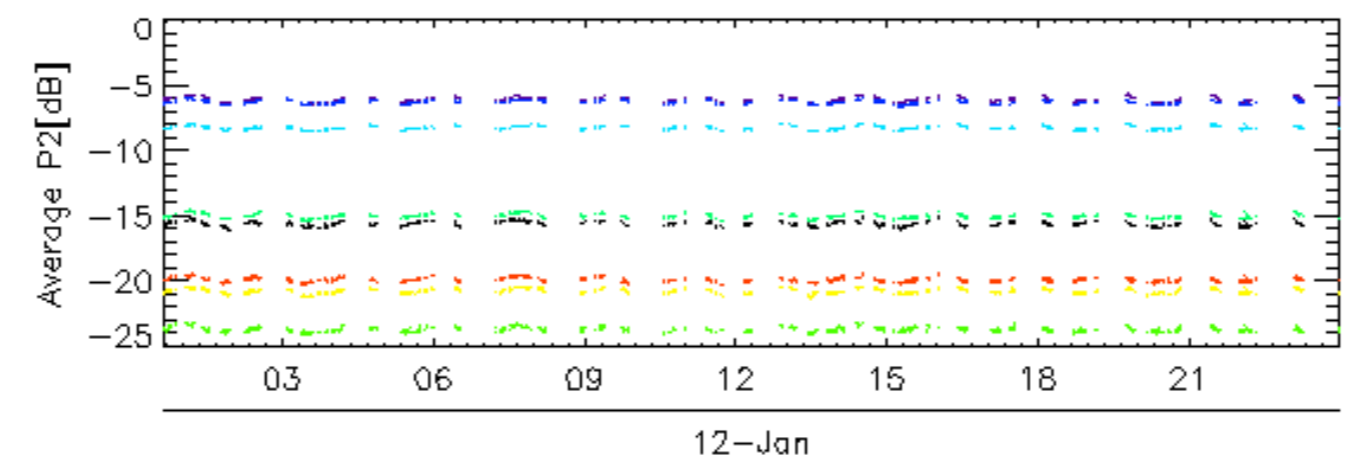
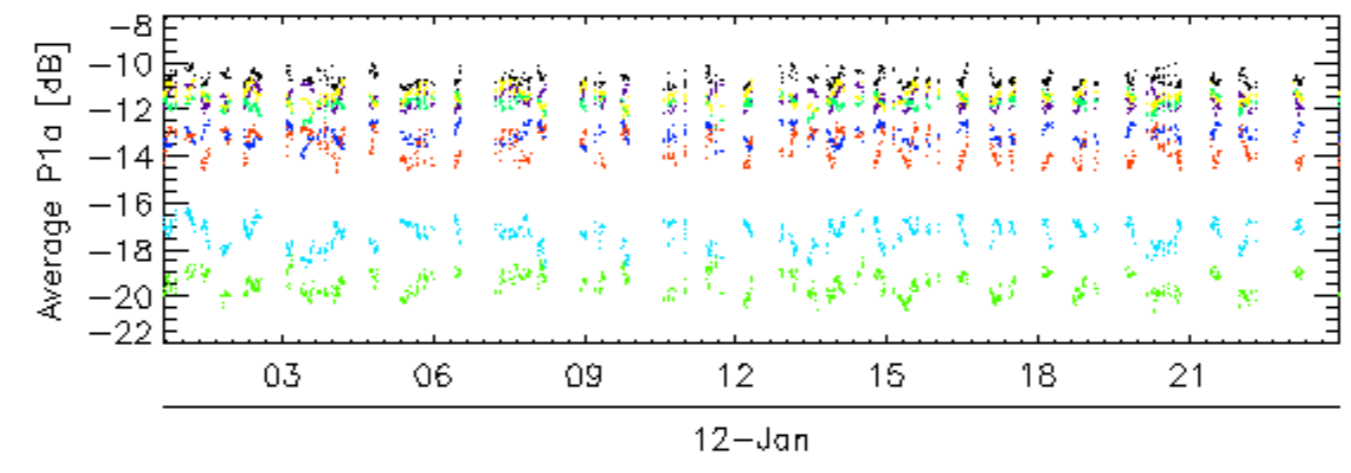
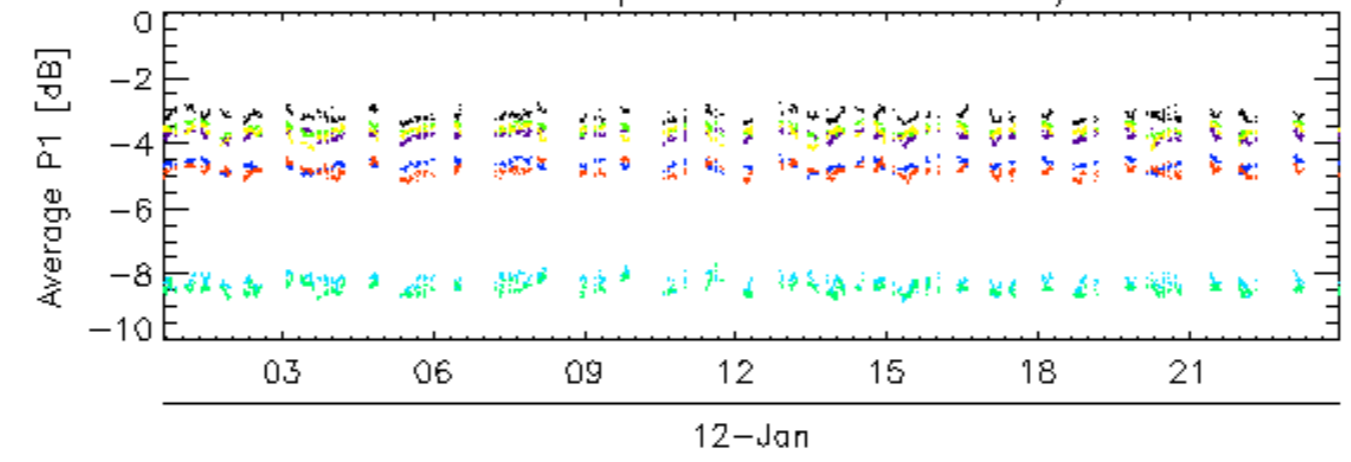
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WSM_1PNPDE20120112_023738_000001653110_00305_51612_9031.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_024032_000003303110_00305_51612_9032.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_031216_000003733110_00305_51612_9068.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_035442_000002083110_00306_51613_9069.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_041719_000002393110_00306_51613_9071.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_045316_000002453110_00306_51613_9108.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_053419_000002513110_00307_51614_9109.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_055153_000003733110_00307_51614_9110.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_072509_000002513110_00308_51615_9144.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_074012_000001353110_00308_51615_9147.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_090242_000002393110_00309_51616_9165.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_090702_000002693110_00309_51616_9167.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_092610_000002203110_00309_51616_9173.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_095311_000003123110_00309_51616_9201.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_103501_000002203110_00310_51617_9202.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_104933_000001223110_00310_51617_9194.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_105448_000001533110_00310_51617_9197.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_110127_000001533110_00310_51617_9199.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_113240_000001903110_00310_51617_9227.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_124442_000001353110_00311_51618_9238.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_124700_000003983110_00311_51618_9237.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_154445_000001533110_00313_51620_9255.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_155241_000001103110_00313_51620_9256.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_155802_000001903110_00313_51620_9258.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_163647_000001903110_00313_51620_9254.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_170048_000001903110_00314_51621_9260.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_172454_000001283110_00314_51621_9262.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_181710_000001533110_00314_51621_9261.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_190035_000002393110_00315_51622_9271.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_190527_000001903110_00315_51622_9273.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_191041_000001533110_00315_51622_9274.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_195552_000002753110_00315_51622_9272.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_203921_000002513110_00316_51623_9292.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_213657_000002753110_00316_51623_9280.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_215420_000000923110_00316_51623_9294.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_215621_000001903110_00316_51623_9295.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_222102_000005143110_00317_51624_9316.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_231615_000003303110_00317_51624_9303.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_234738_000000923110_00318_51625_9318.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_235406_000002083110_00318_51625_9329.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120112_235951_000002083110_00318_51625_9343.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_020612_000001773110_00305_51612_4534.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_034623_000001533110_00306_51613_4555.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_063323_000002143110_00307_51614_4585.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120112_071448_000002263110_00308_51615_4588.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_081332_000002143110_00308_51615_4606.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_090504_000000923110_00309_51616_4605.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_090902_000001353110_00309_51616_4618.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_104243_000001653110_00310_51617_4645.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20120112_134621_000001353110_00312_51619_4715.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_153734_000004043110_00313_51620_4754.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_155326_000001533110_00313_51620_4762.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_171710_000004343110_00314_51621_4781.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_185737_000002083110_00315_51622_4817.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_203203_000001903110_00316_51623_4847.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_203814_000002813110_00316_51623_4851.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120112_221602_000002083110_00317_51624_4859.N1					OK	OK	OK	OK

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

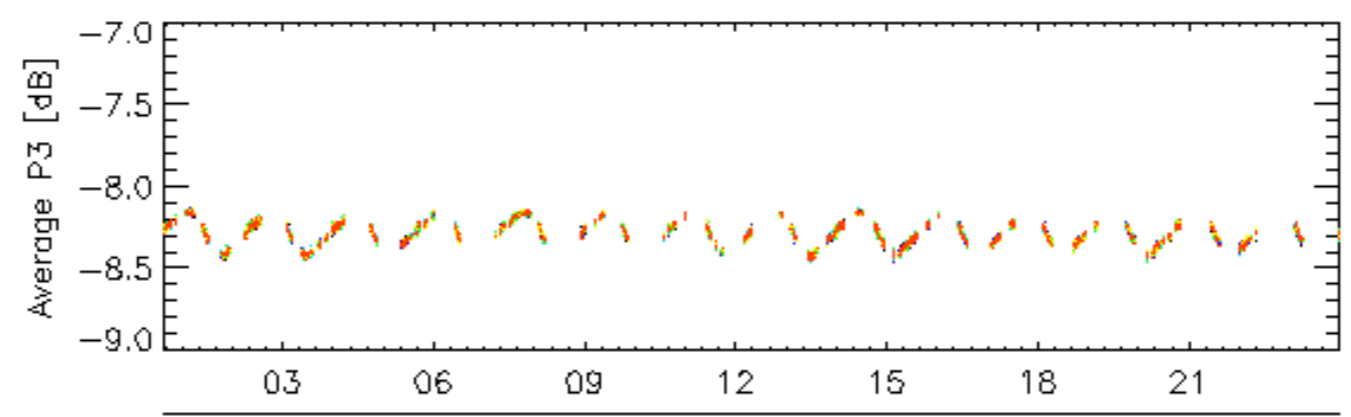
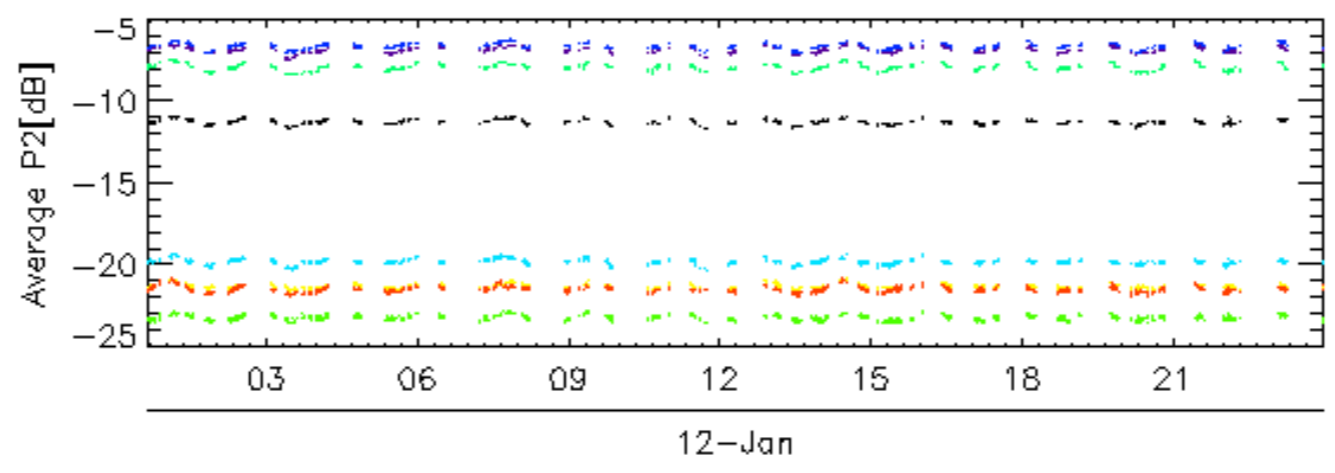
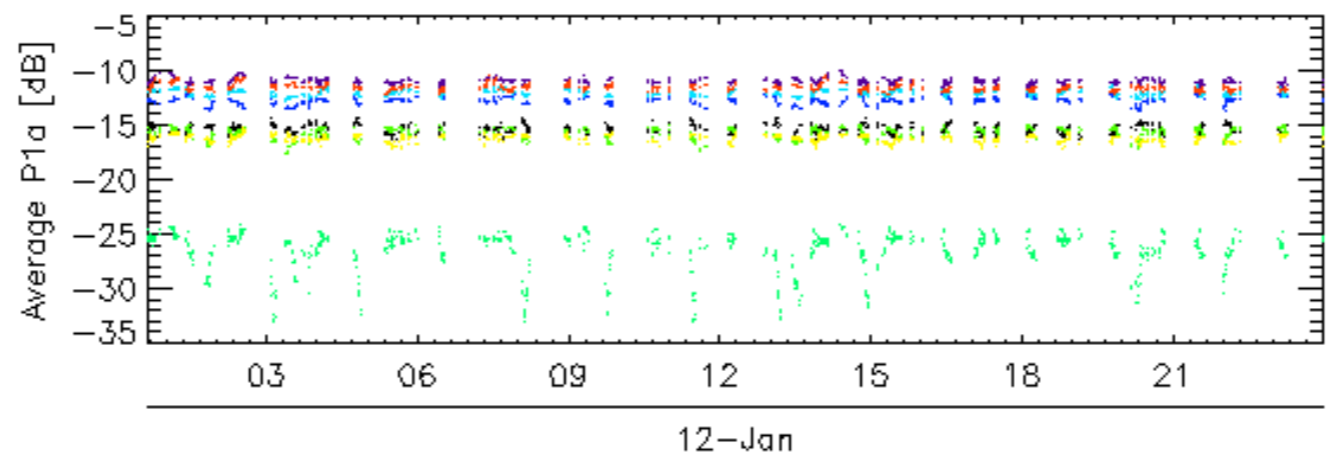
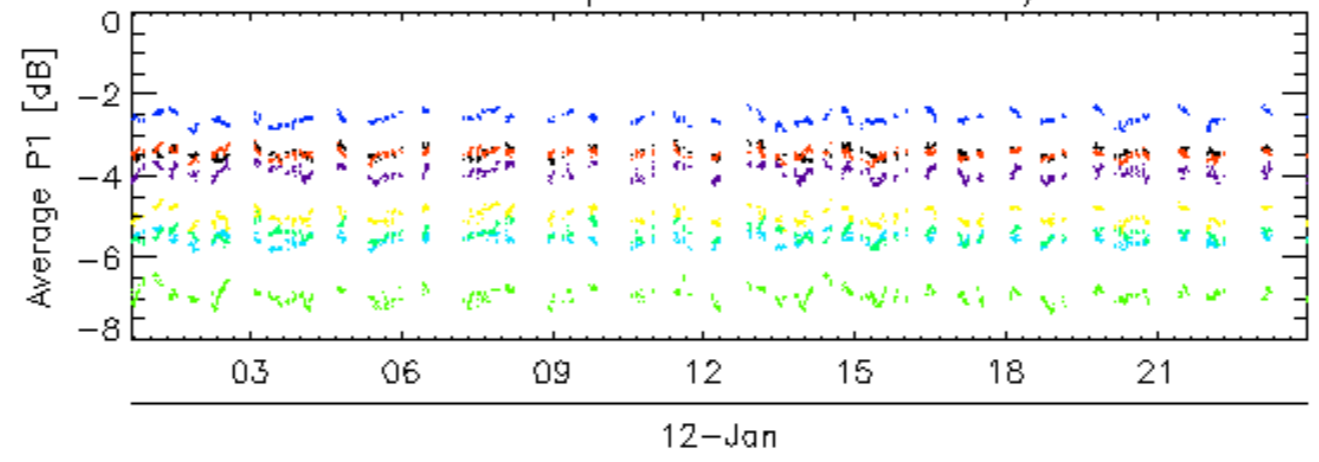
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20120112_011451_000004803110_00304_51611_9017.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_013839_000002403110_00304_51611_9023.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_014154_000002703110_00304_51611_9037.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_015636_000005393110_00305_51612_9045.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_024735_000003903110_00305_51612_9046.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_025335_000005703110_00305_51612_9074.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_031835_000001803110_00305_51612_9072.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_032826_000000593110_00305_51612_9076.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_033601_000003593110_00306_51613_9081.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_042119_000008993110_00306_51613_9084.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_043604_000000903110_00306_51613_9111.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_044036_000001503110_00306_51613_9112.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_045718_000014093110_00306_51613_9117.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_055953_000009893110_00307_51614_9119.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_205137_000020393110_00316_51623_9285.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_214128_000002253110_00316_51623_9286.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120112_221406_000000603110_00317_51624_9304.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_222955_000021443110_00317_51624_9308.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_232146_000003003110_00317_51624_9315.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_232601_000012593110_00317_51624_9325.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120112_234908_000002553110_00318_51625_9327.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120112_125642_000004653110_00311_51618_4695.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120112_131904_000003303110_00311_51618_4698.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120112_133654_000002993110_00312_51619_4700.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120112_151000_000002093110_00312_51619_4744.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120112_191433_000018443110_00315_51622_4835.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120112_200024_000001203110_00315_51622_4837.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H



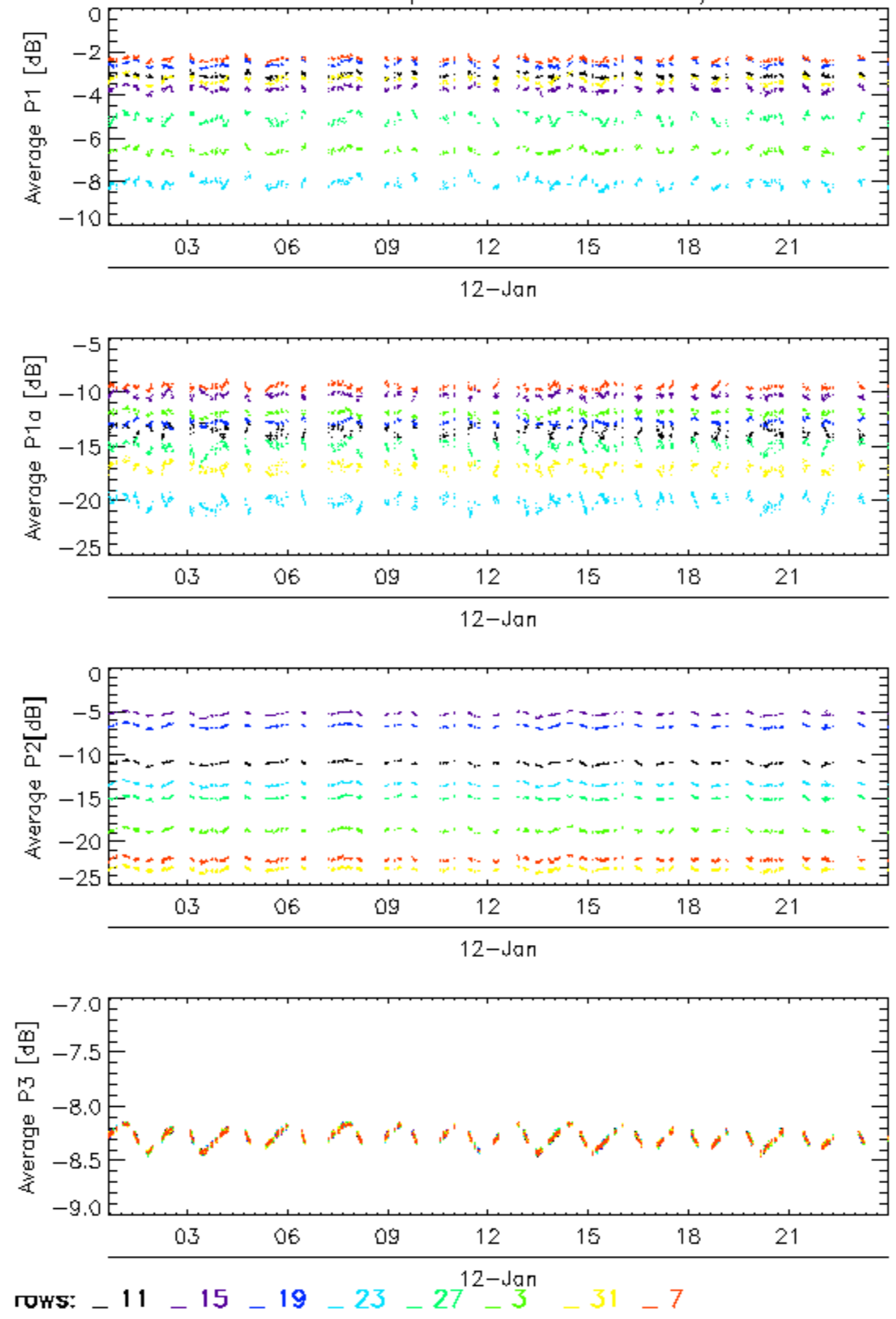
rows: 1 13 17 21 25 29 5 9

Calibration pulses for GM1 SS3 H/H



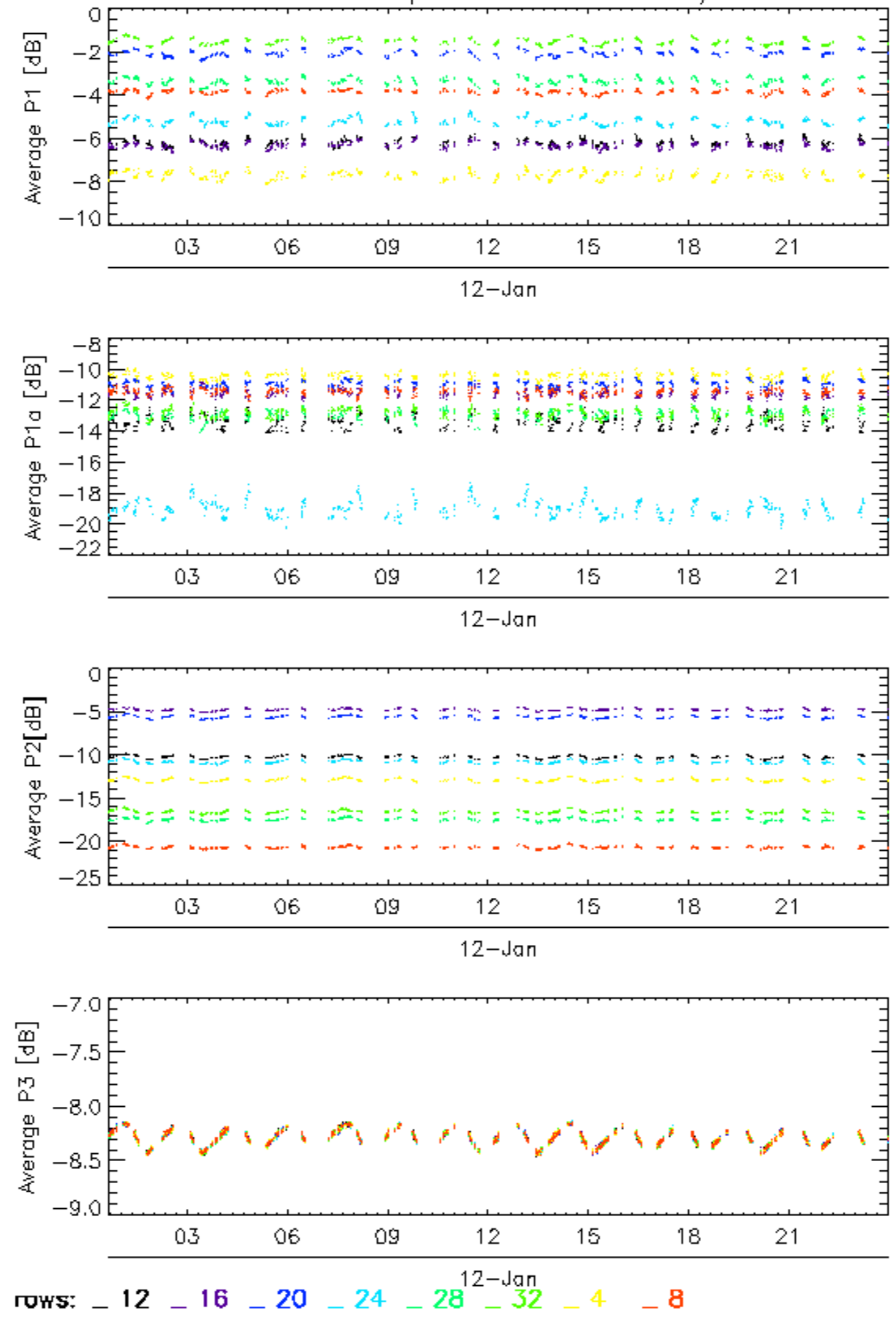
rows: 10 14 18 2 22 26 30 6

Calibration pulses for GM1 SS3 H/H

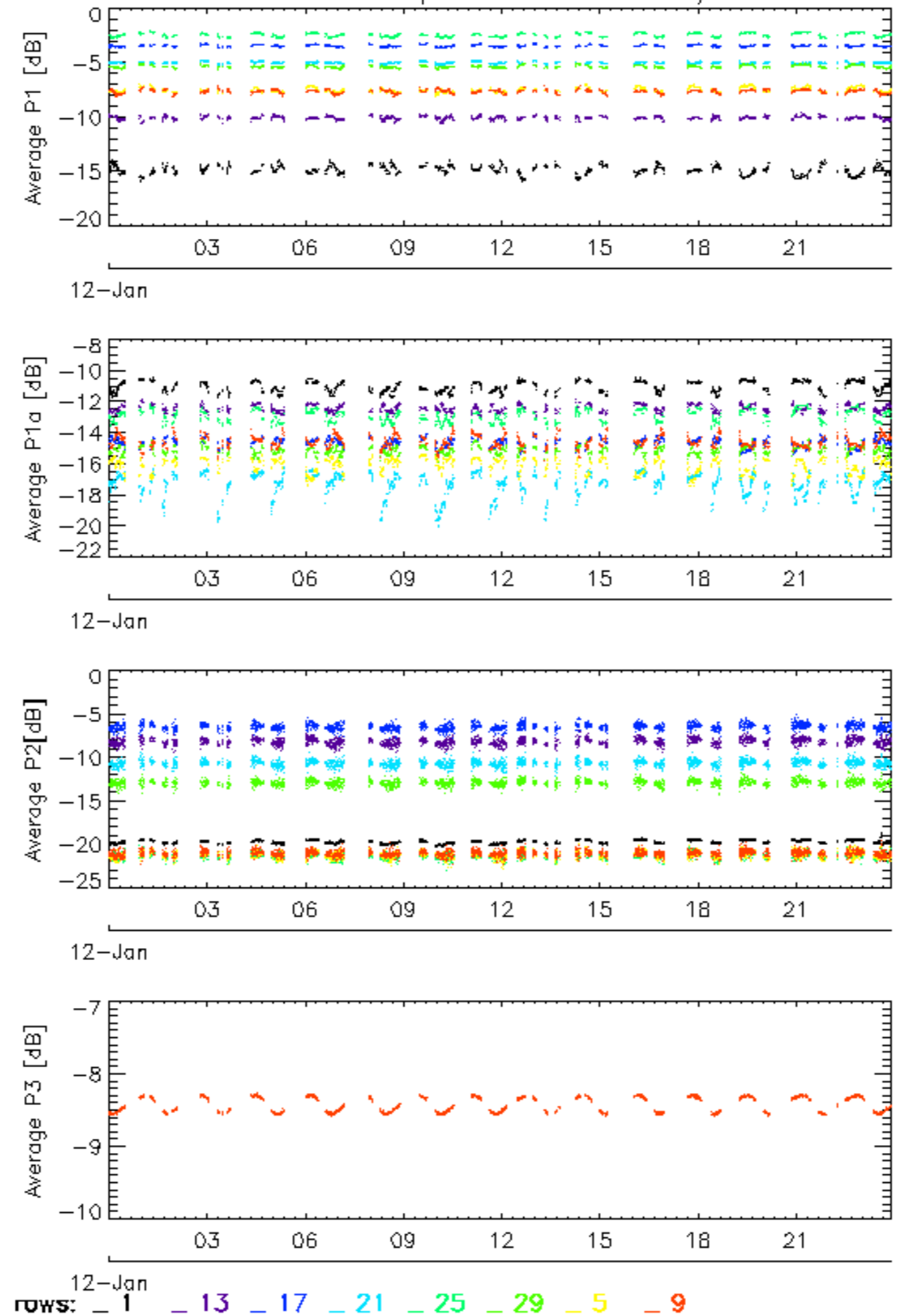


rows: _ 11 _ 15 _ 19 _ 23 _ 27 12-Jan _ 3 _ 31 _ 7

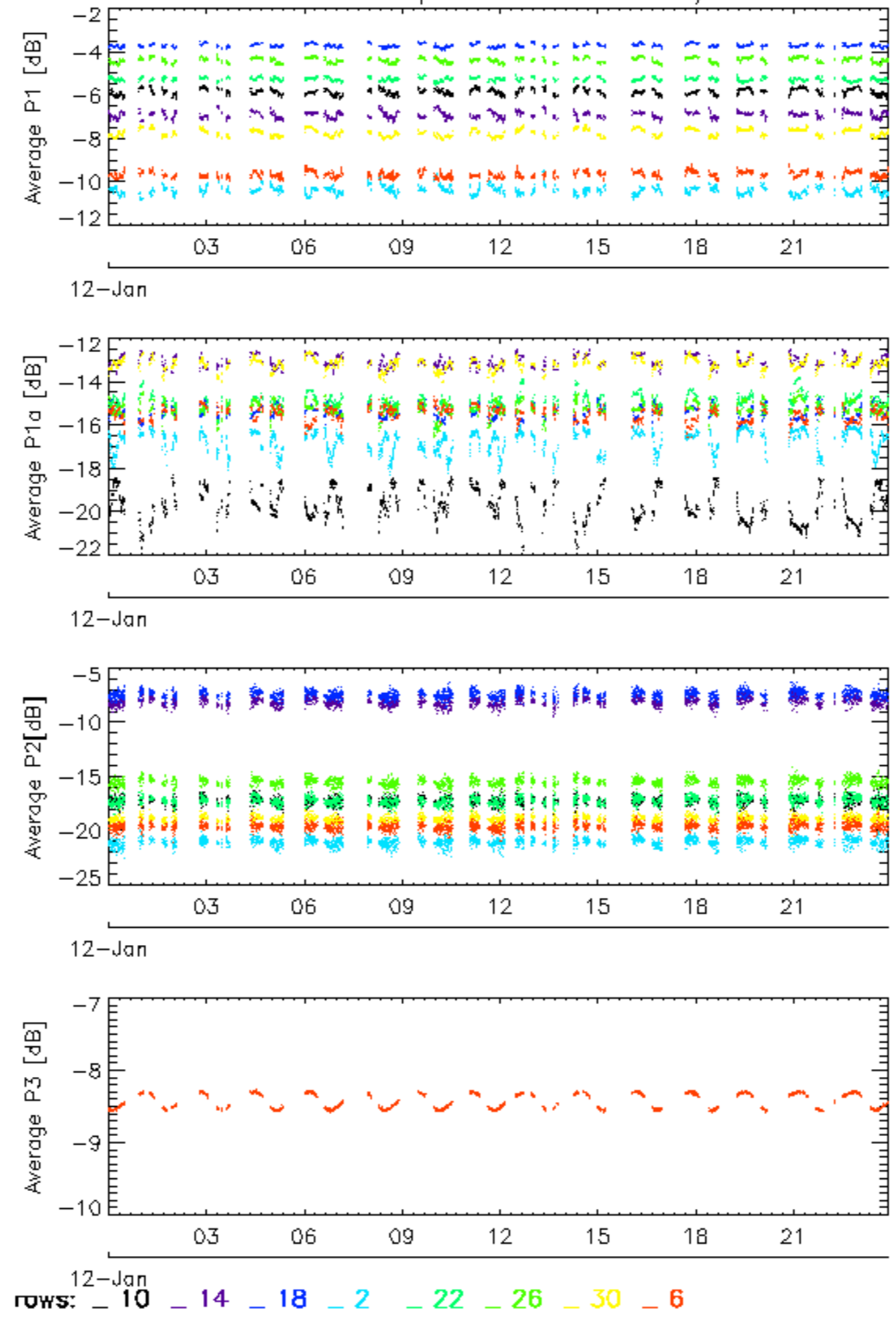
Calibration pulses for GM1 SS3 H/H



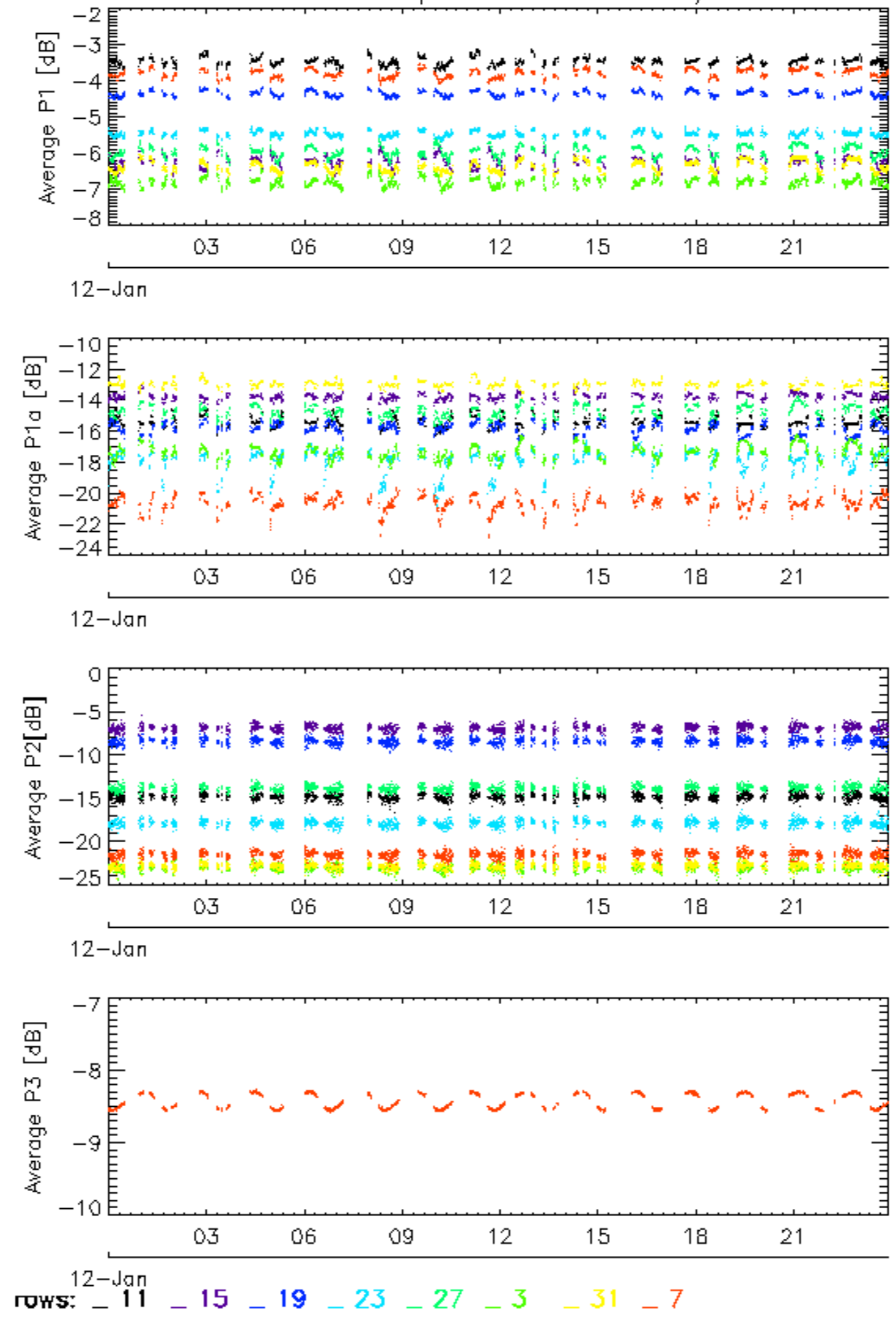
Calibration pulses for WVS IS2 V/V



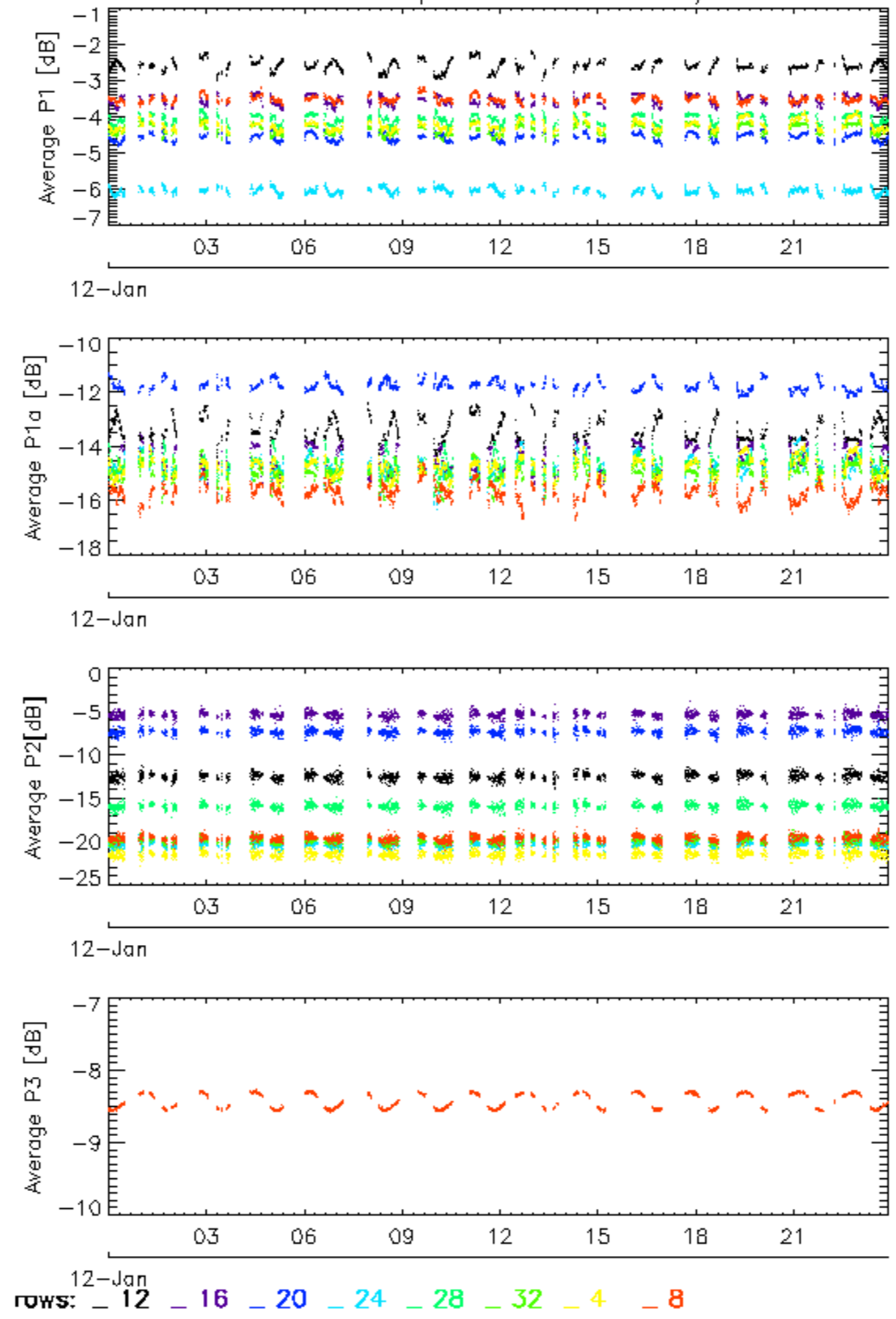
Calibration pulses for WVS IS2 V/V

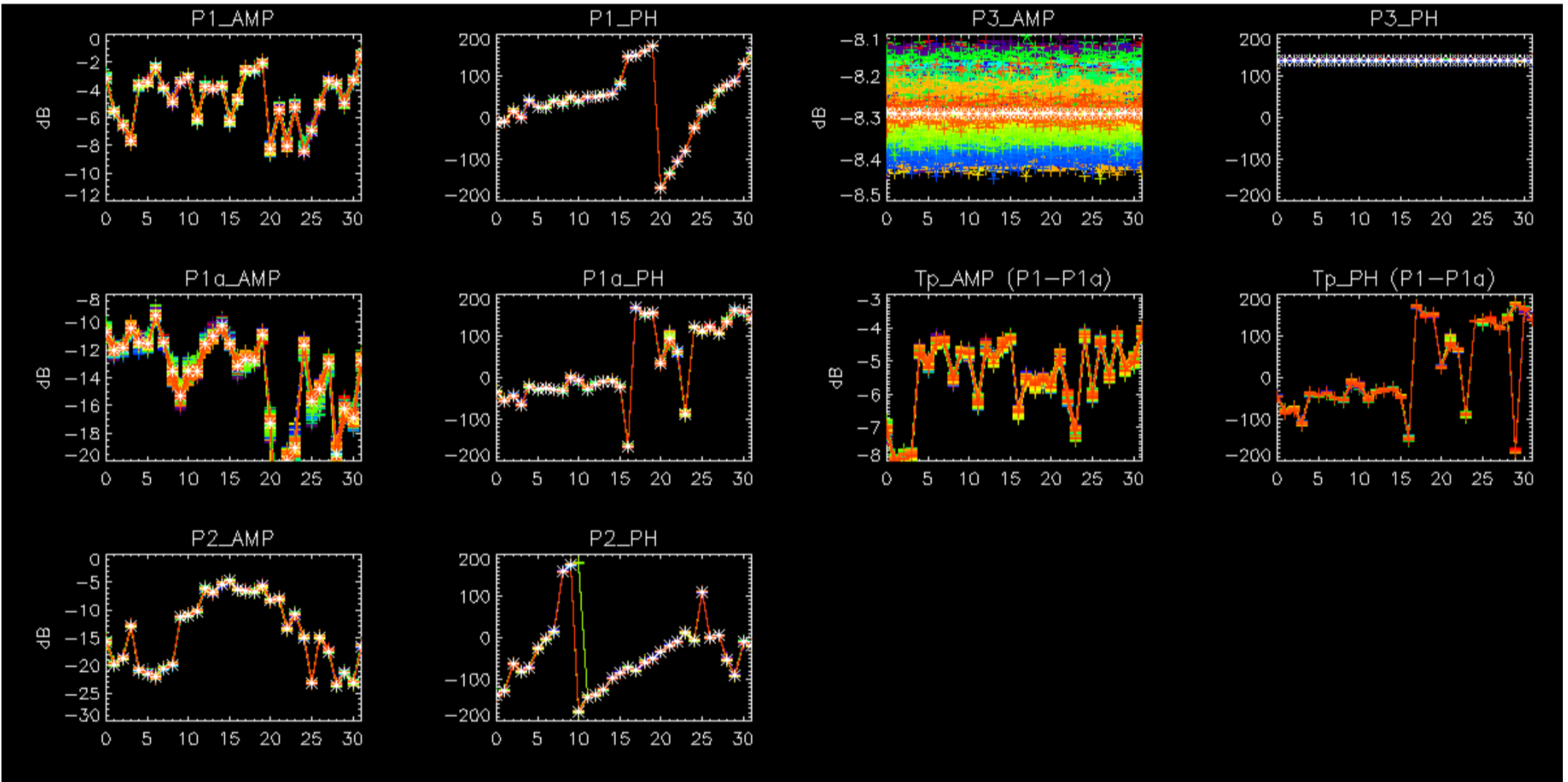


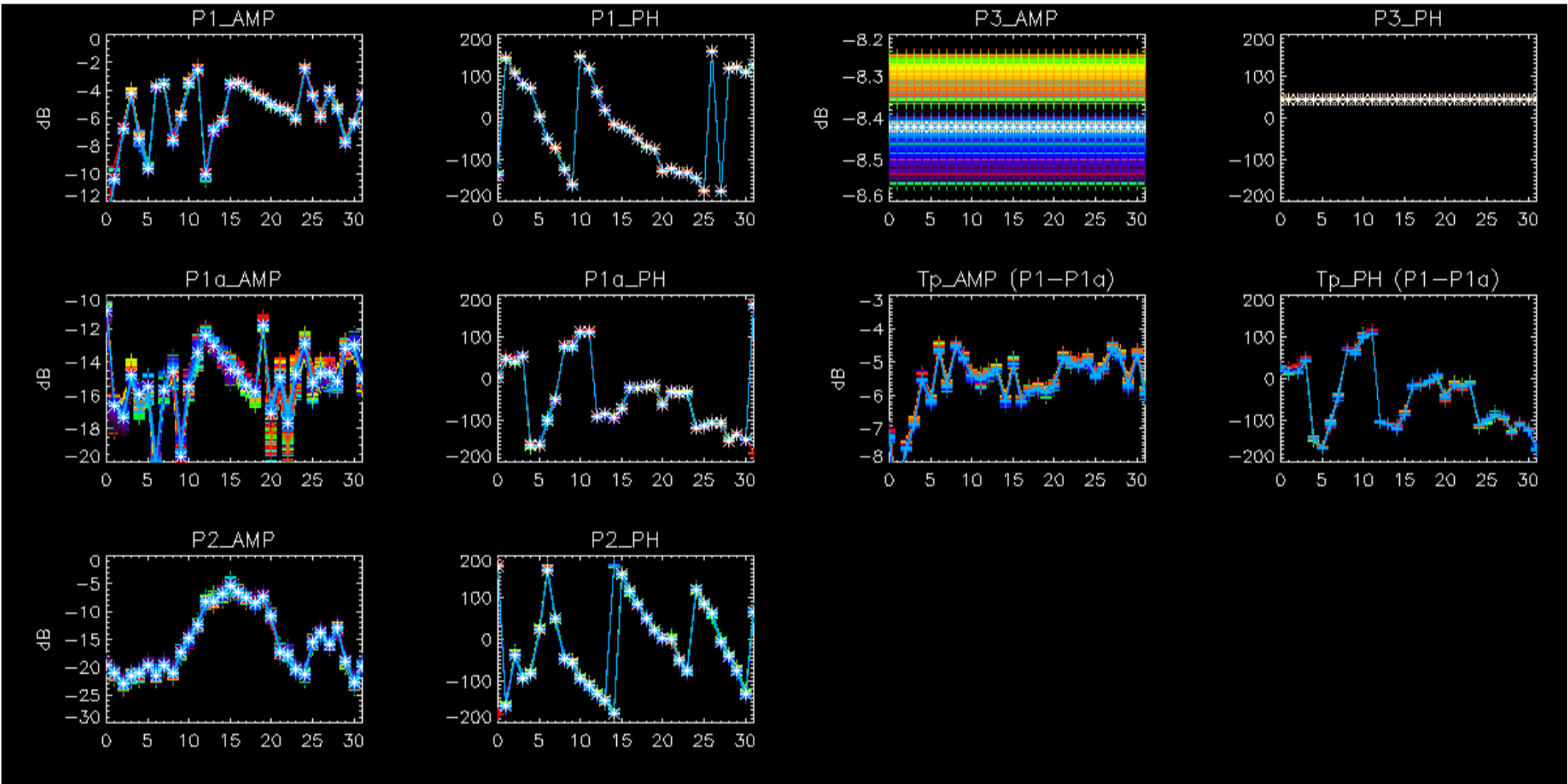
Calibration pulses for WVS IS2 V/V

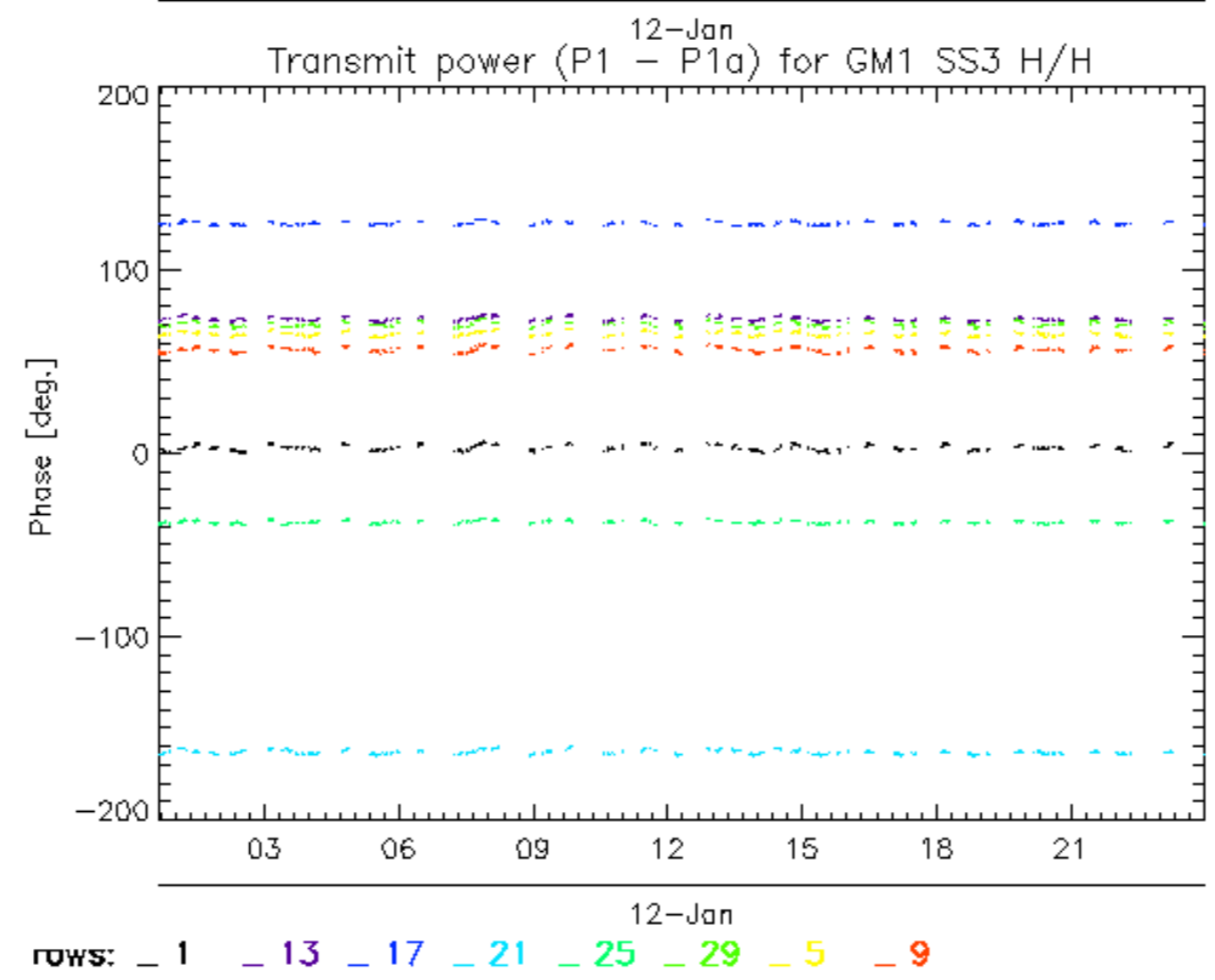
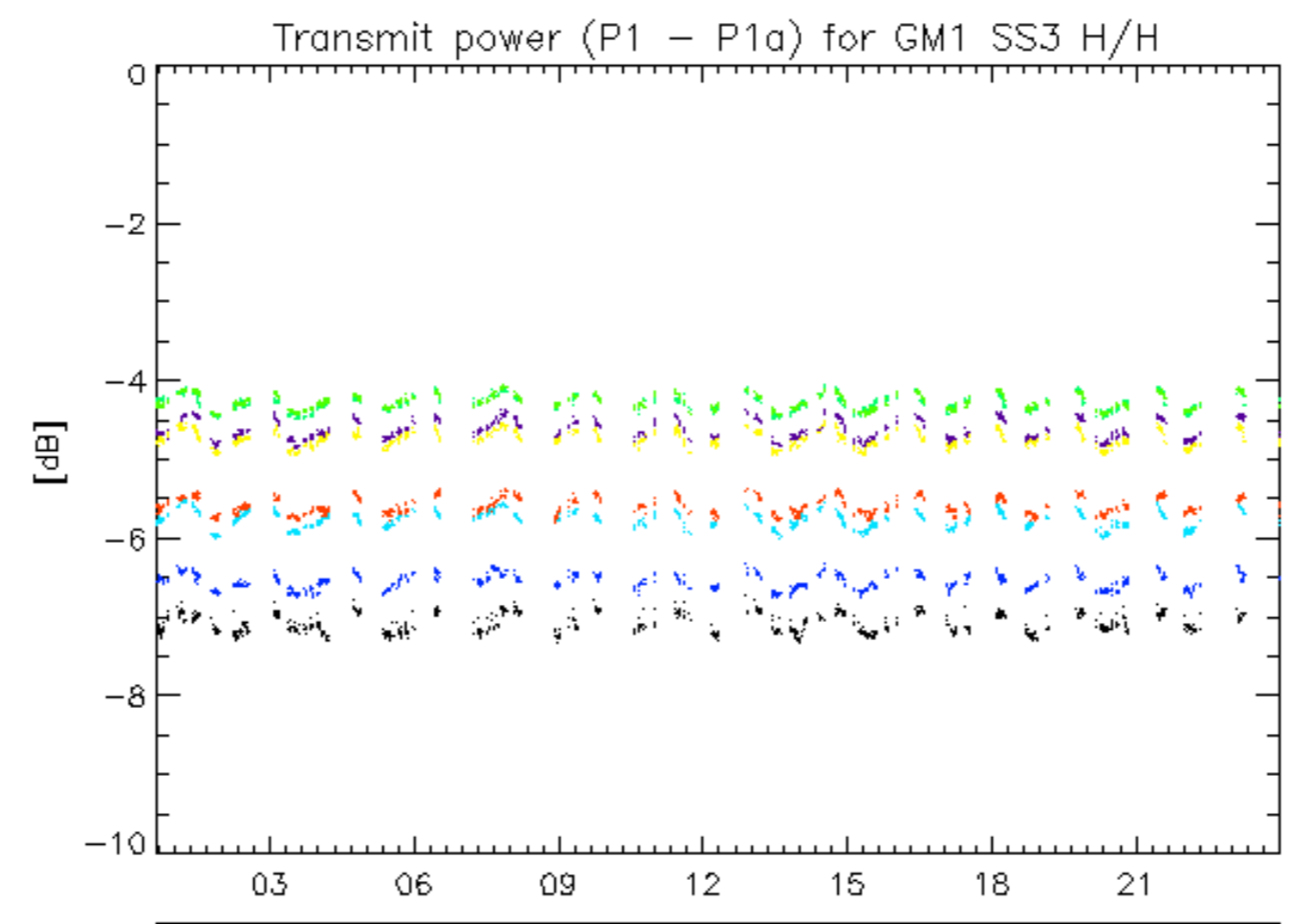


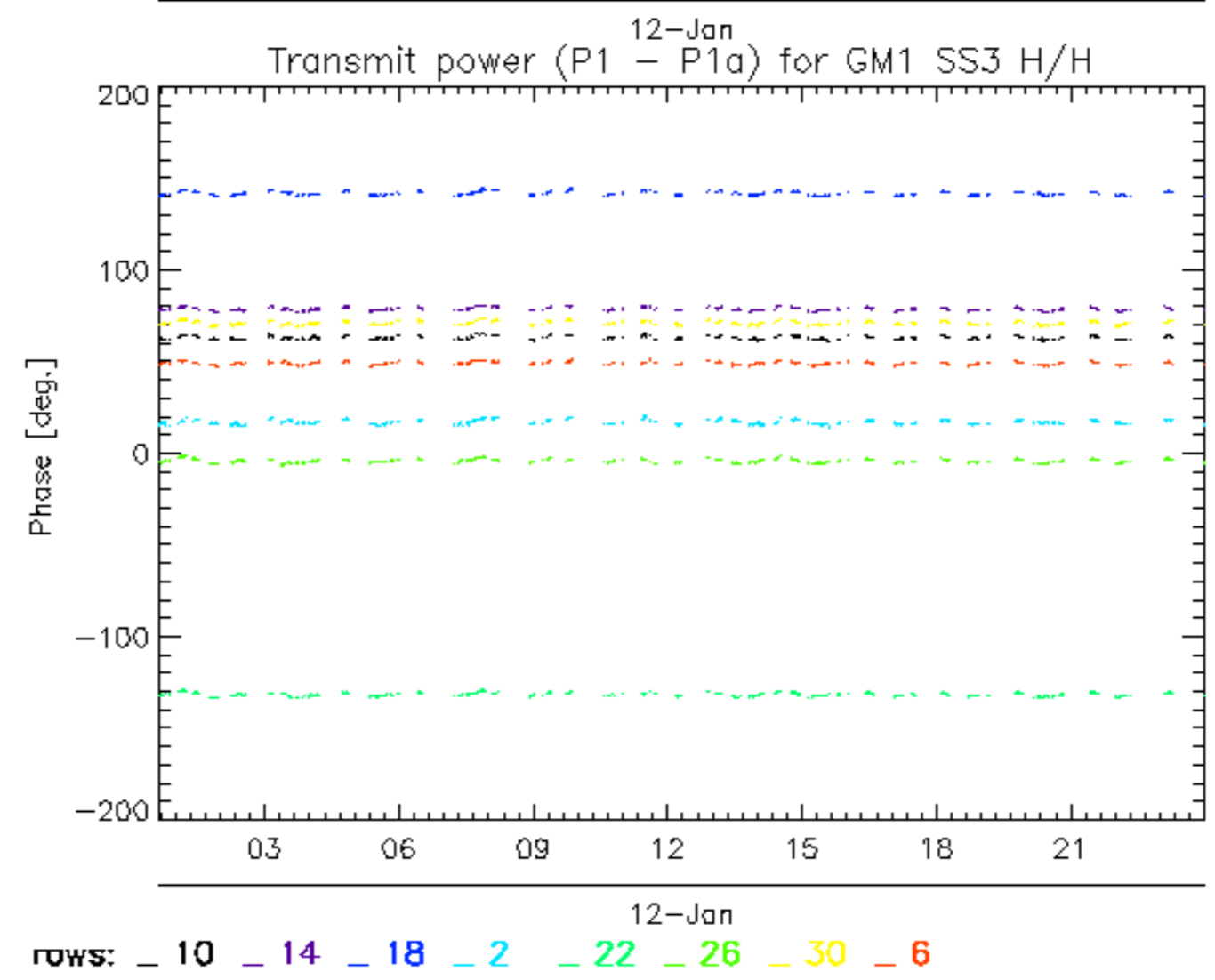
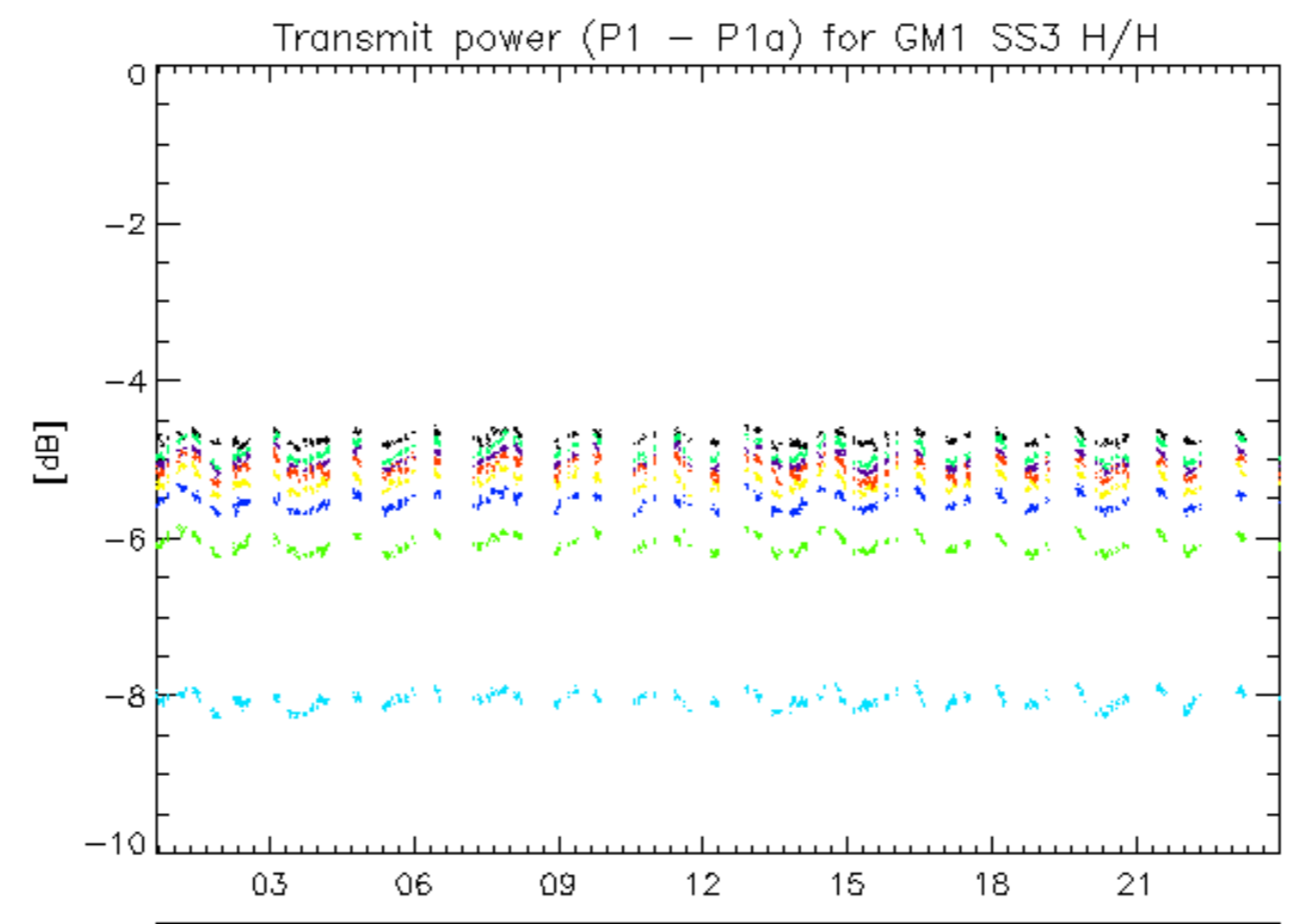
Calibration pulses for WVS IS2 V/V

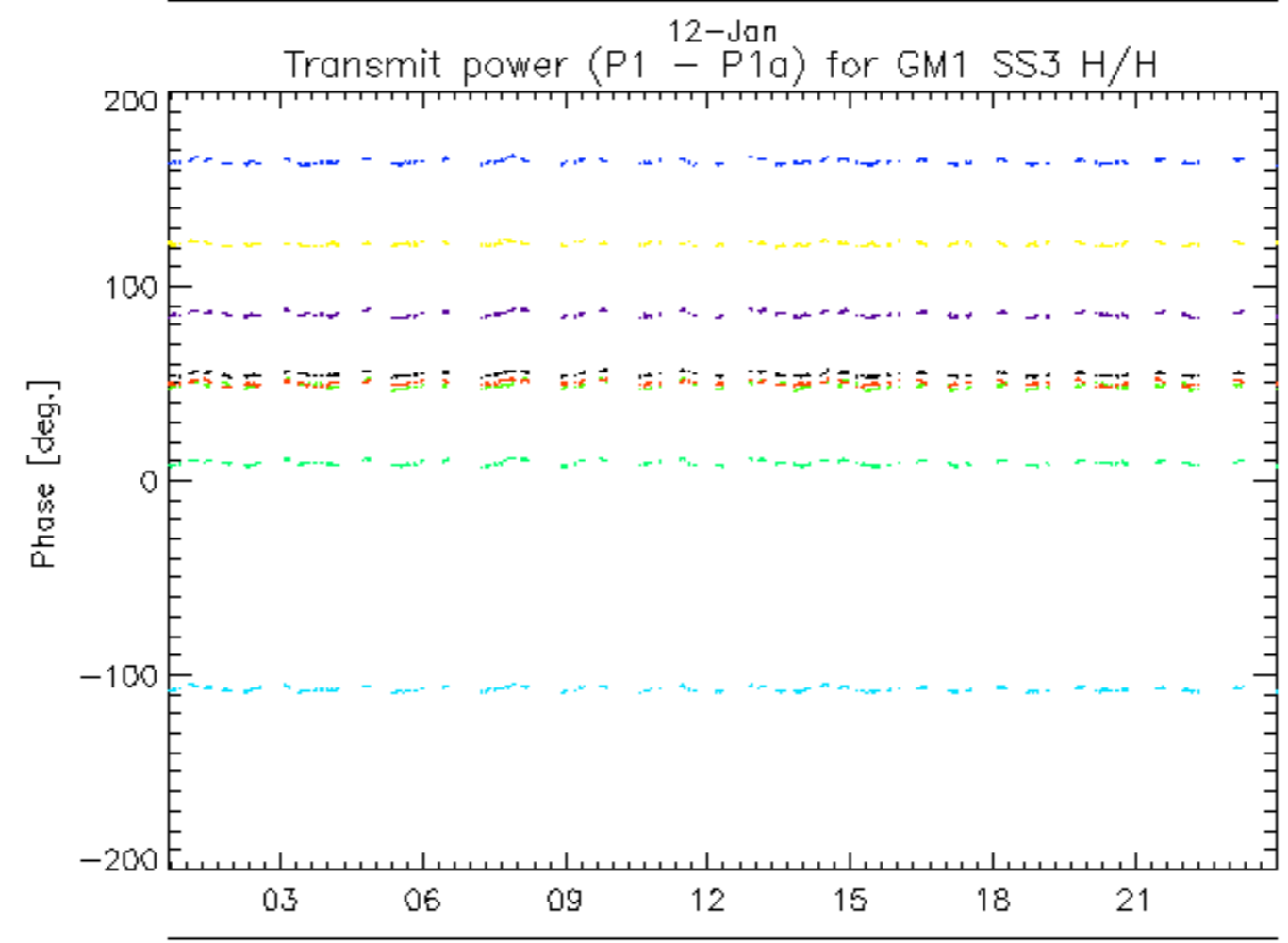
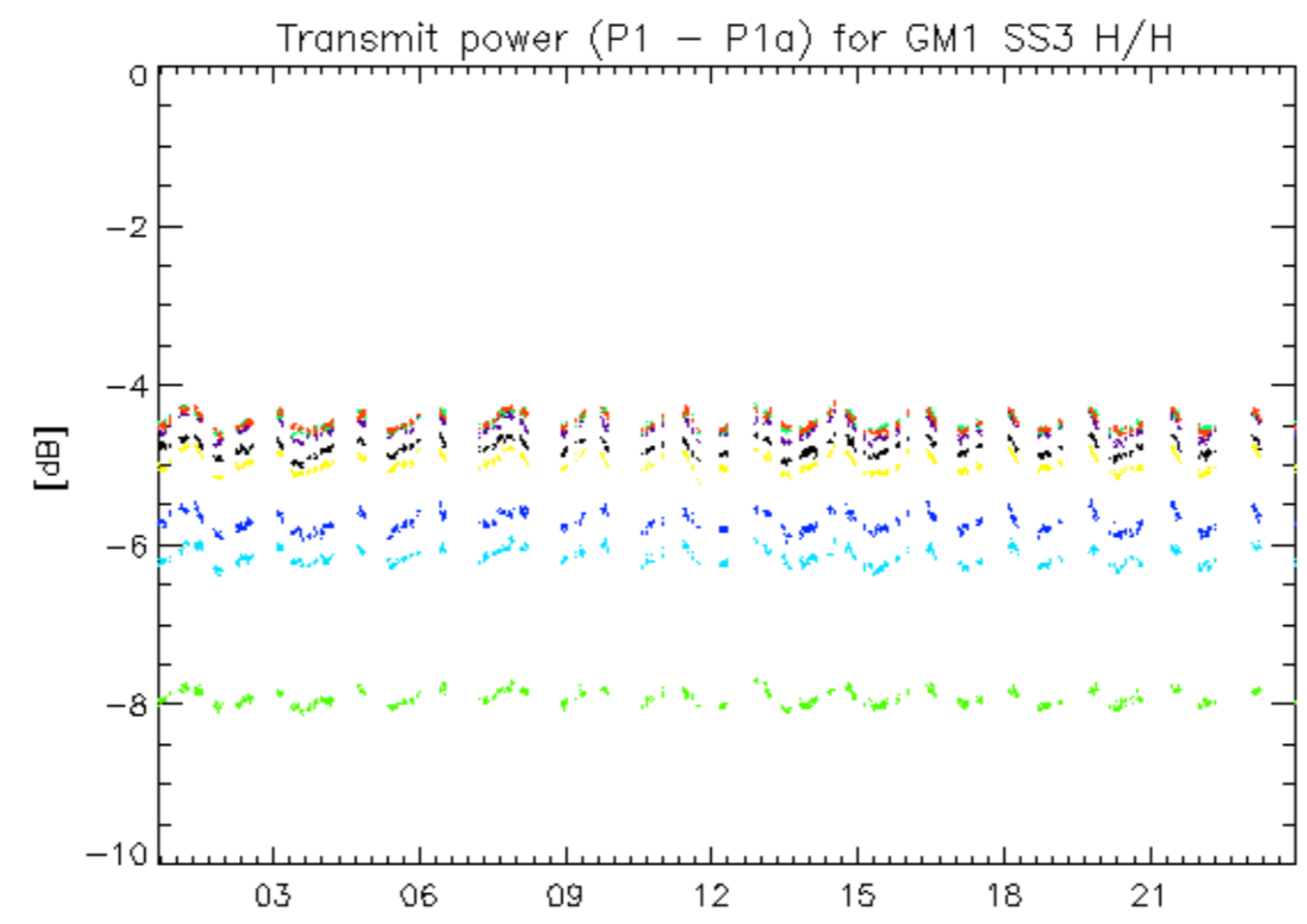




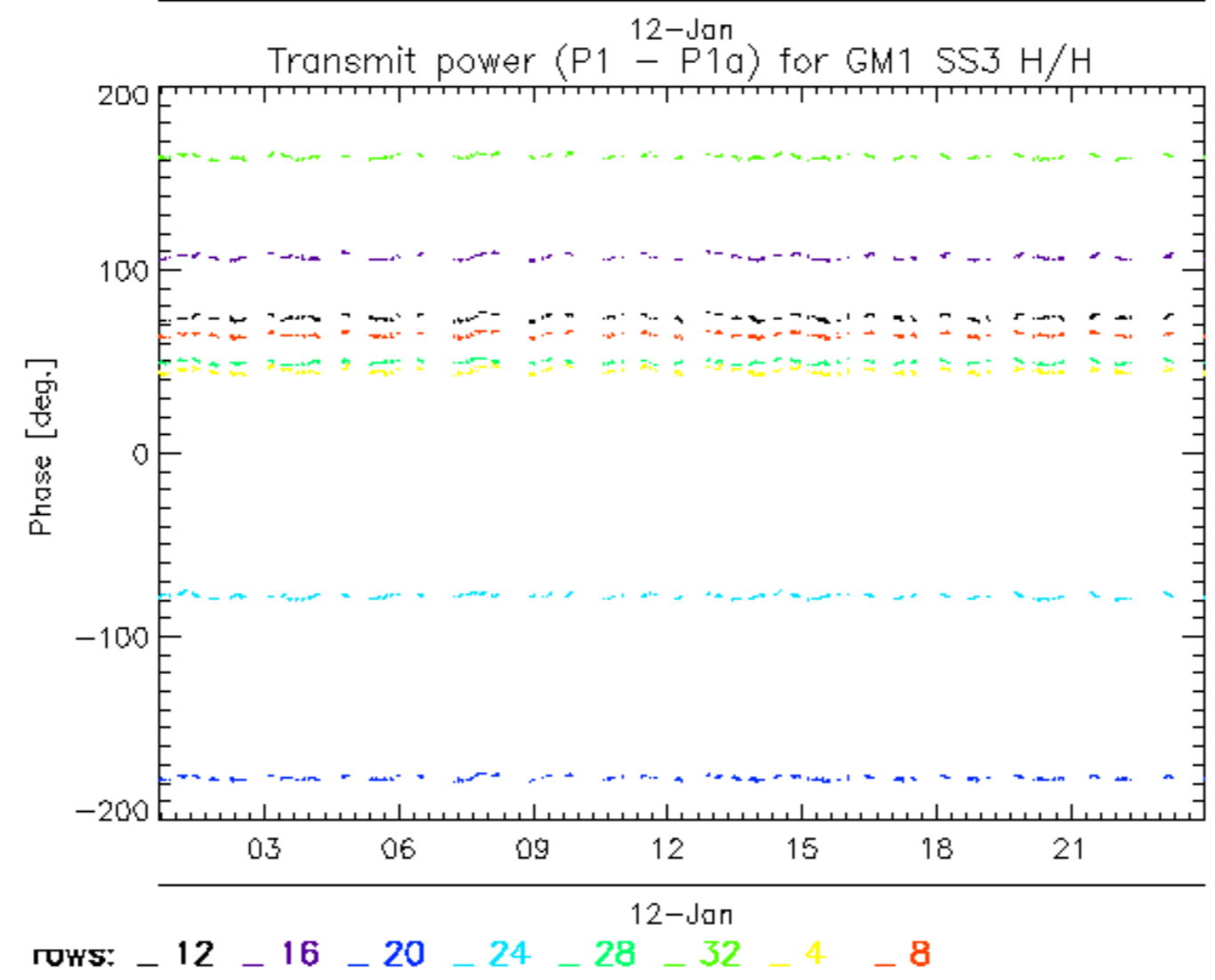
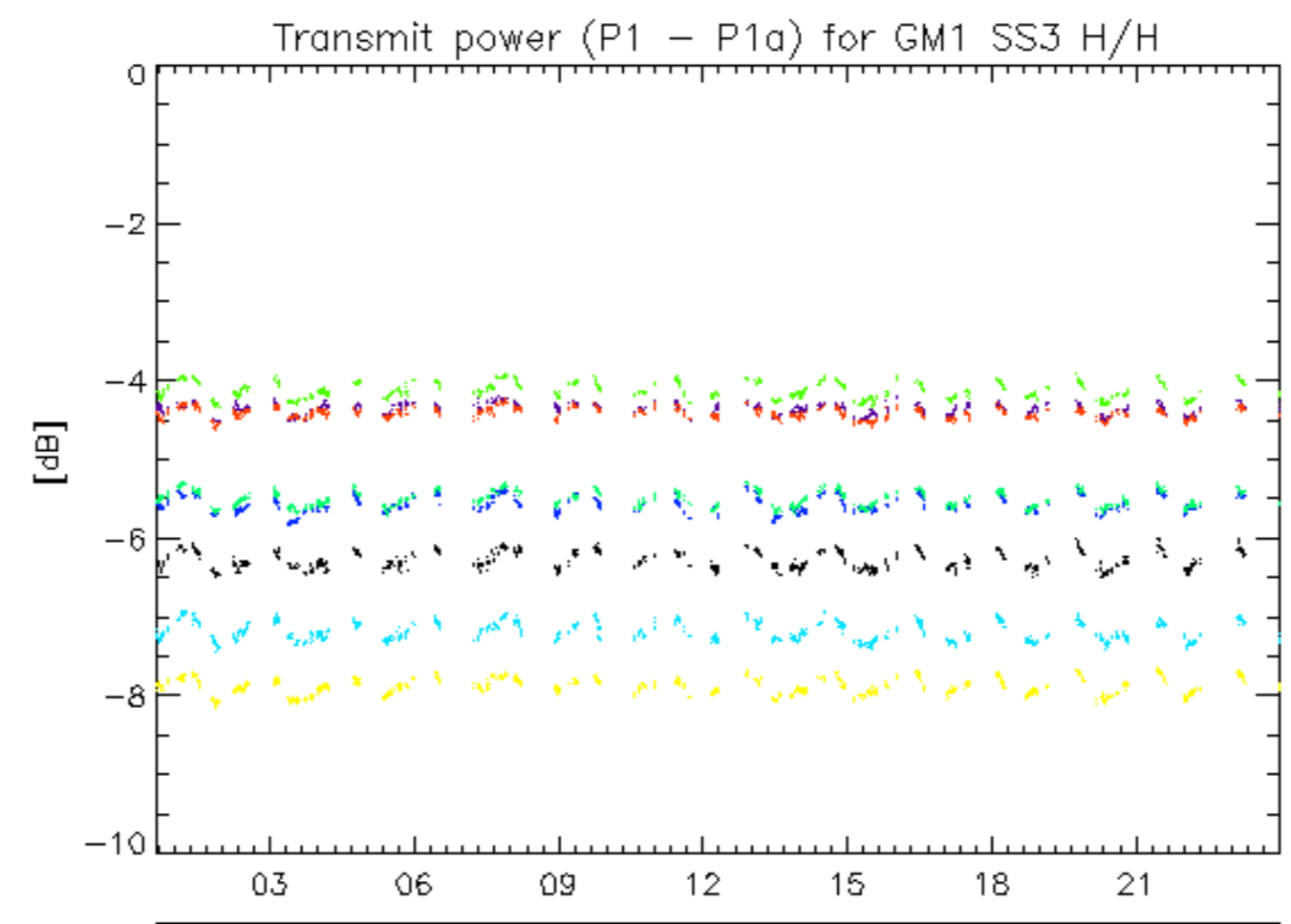


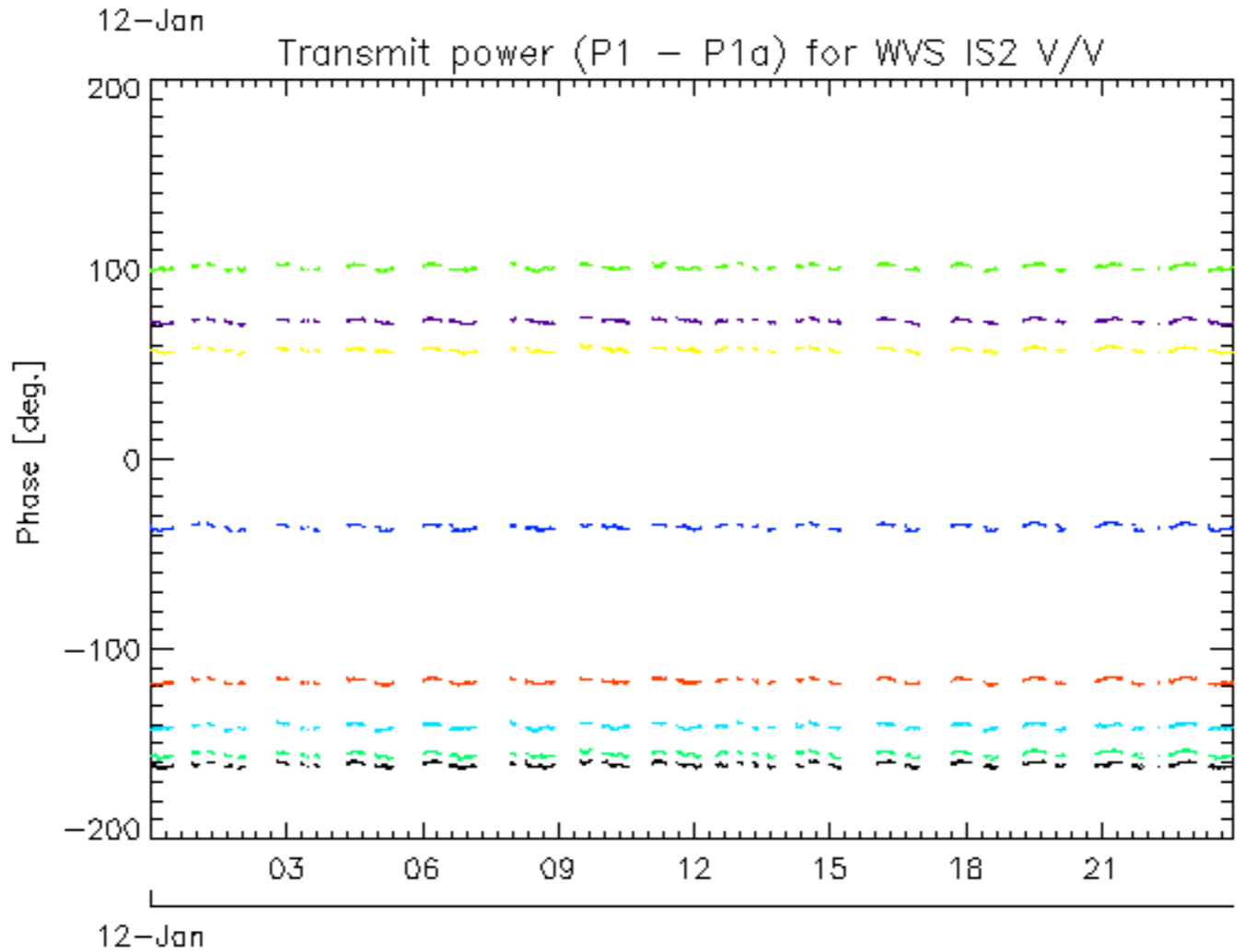
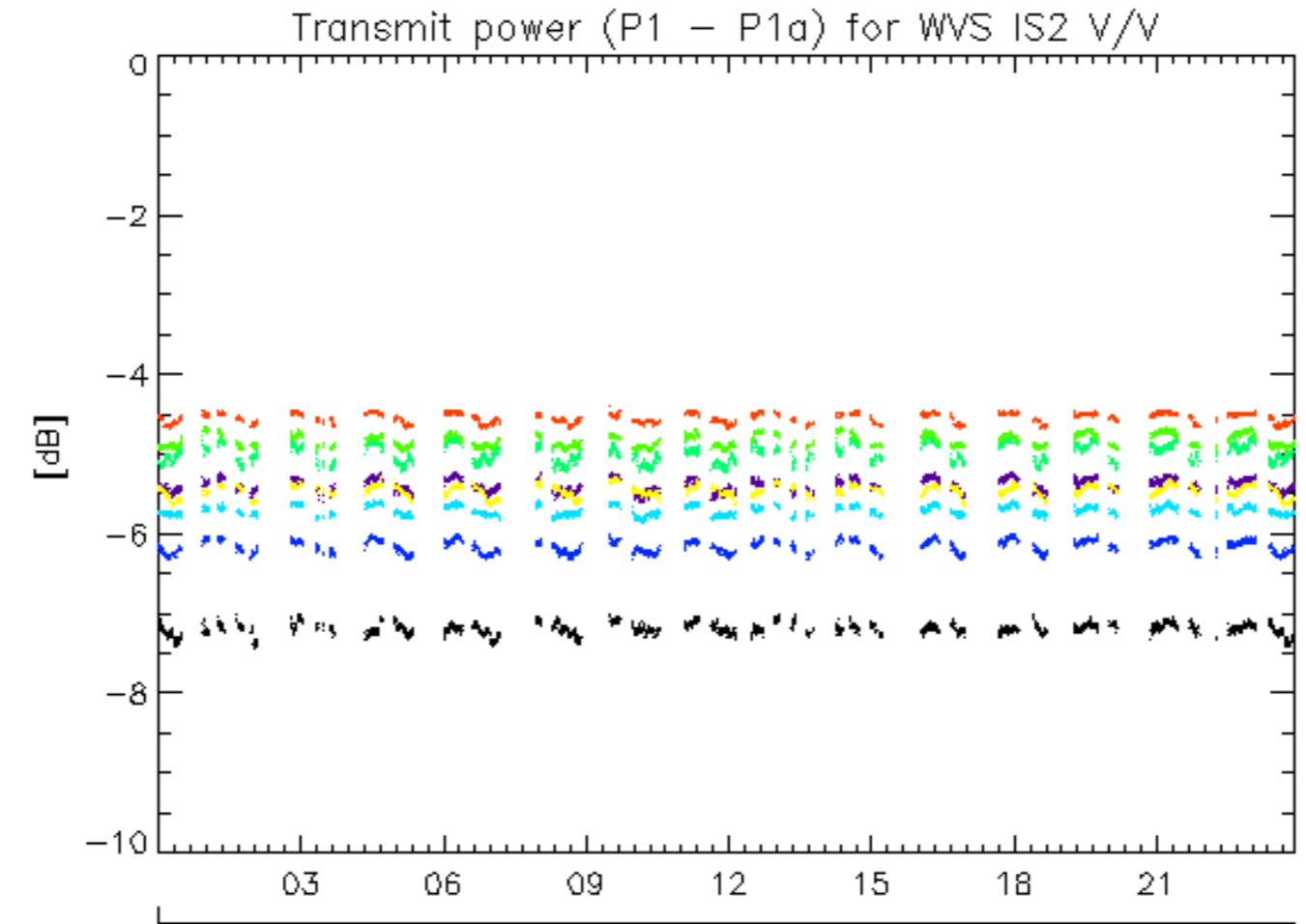




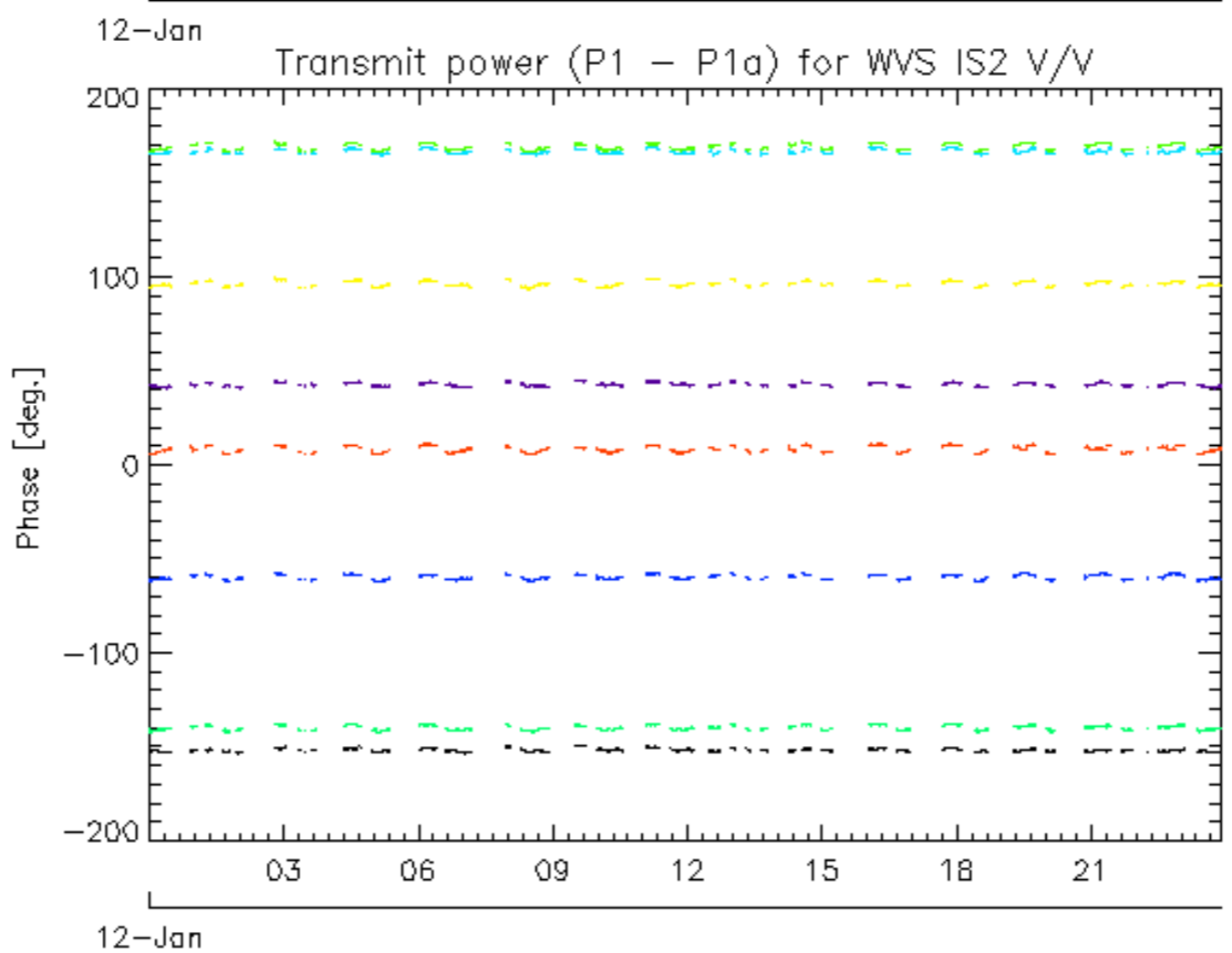
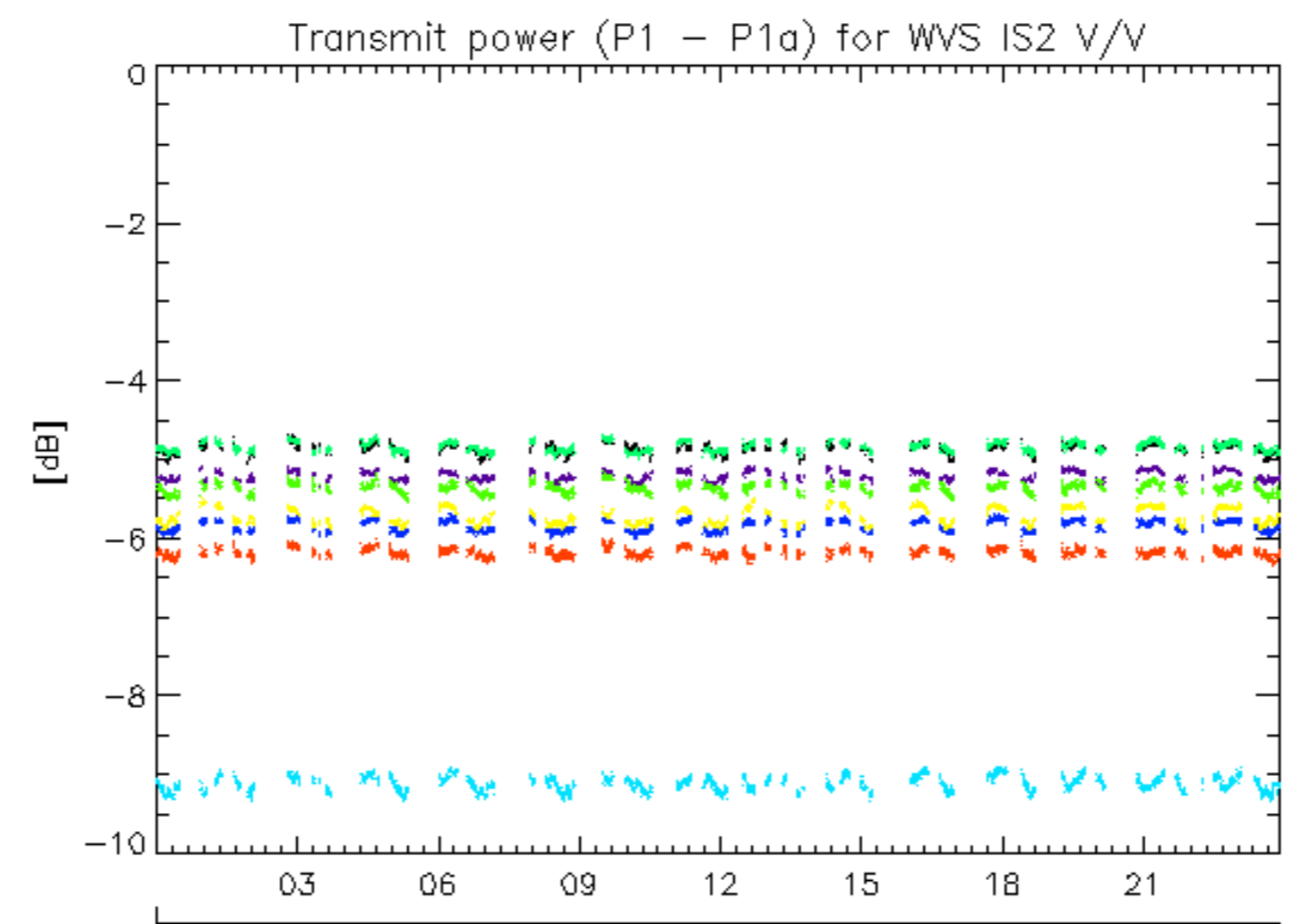


12-Jan
rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7

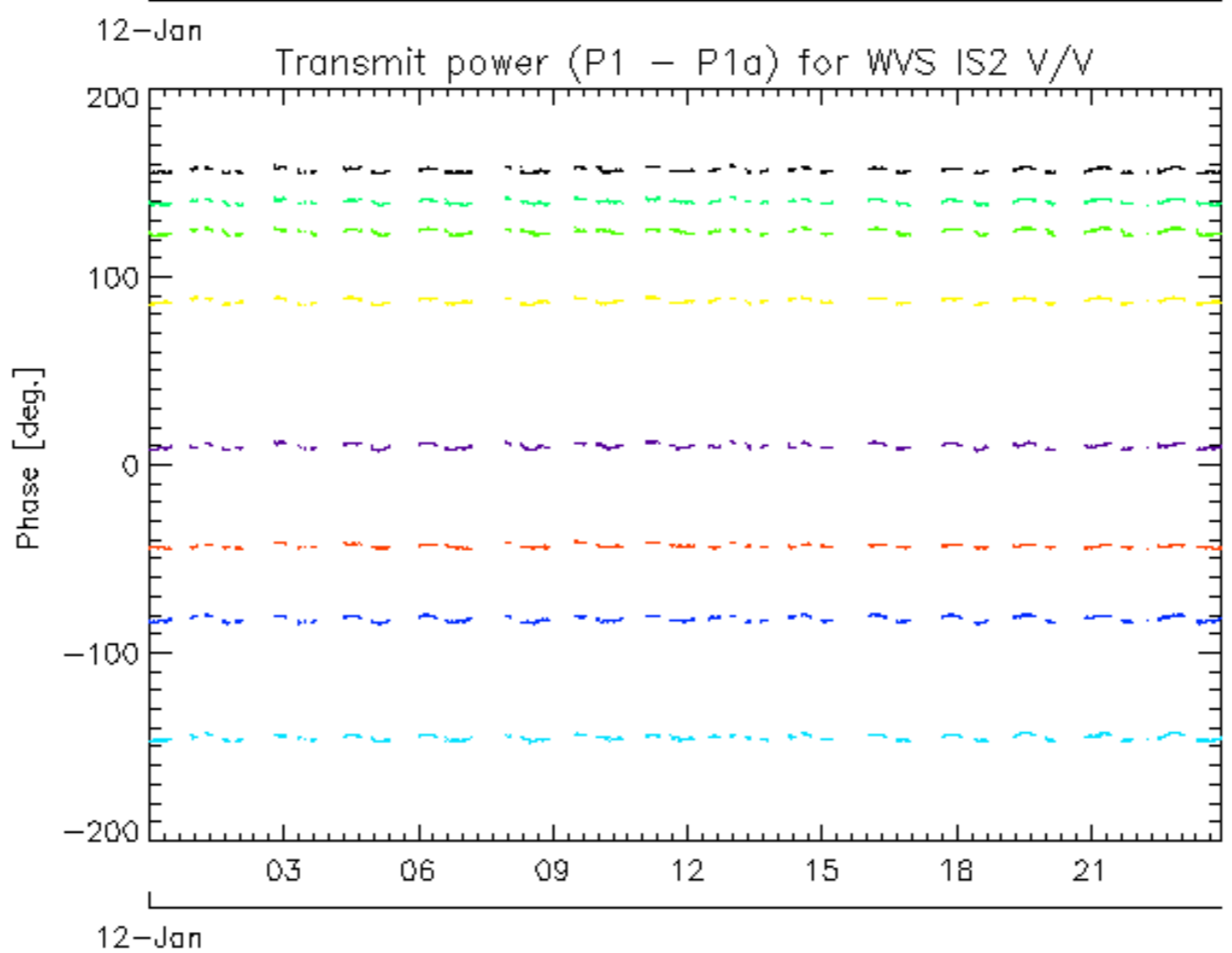
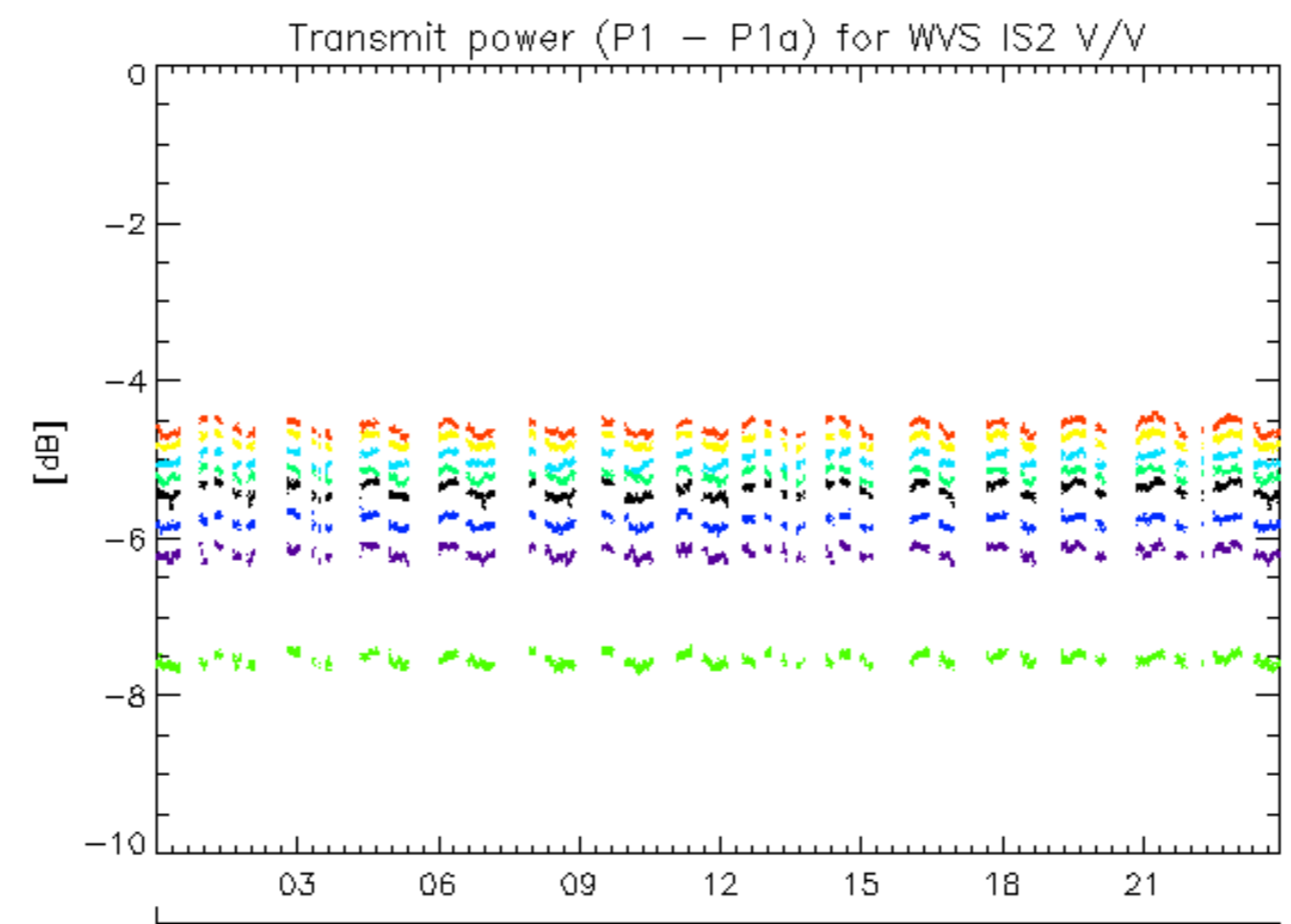




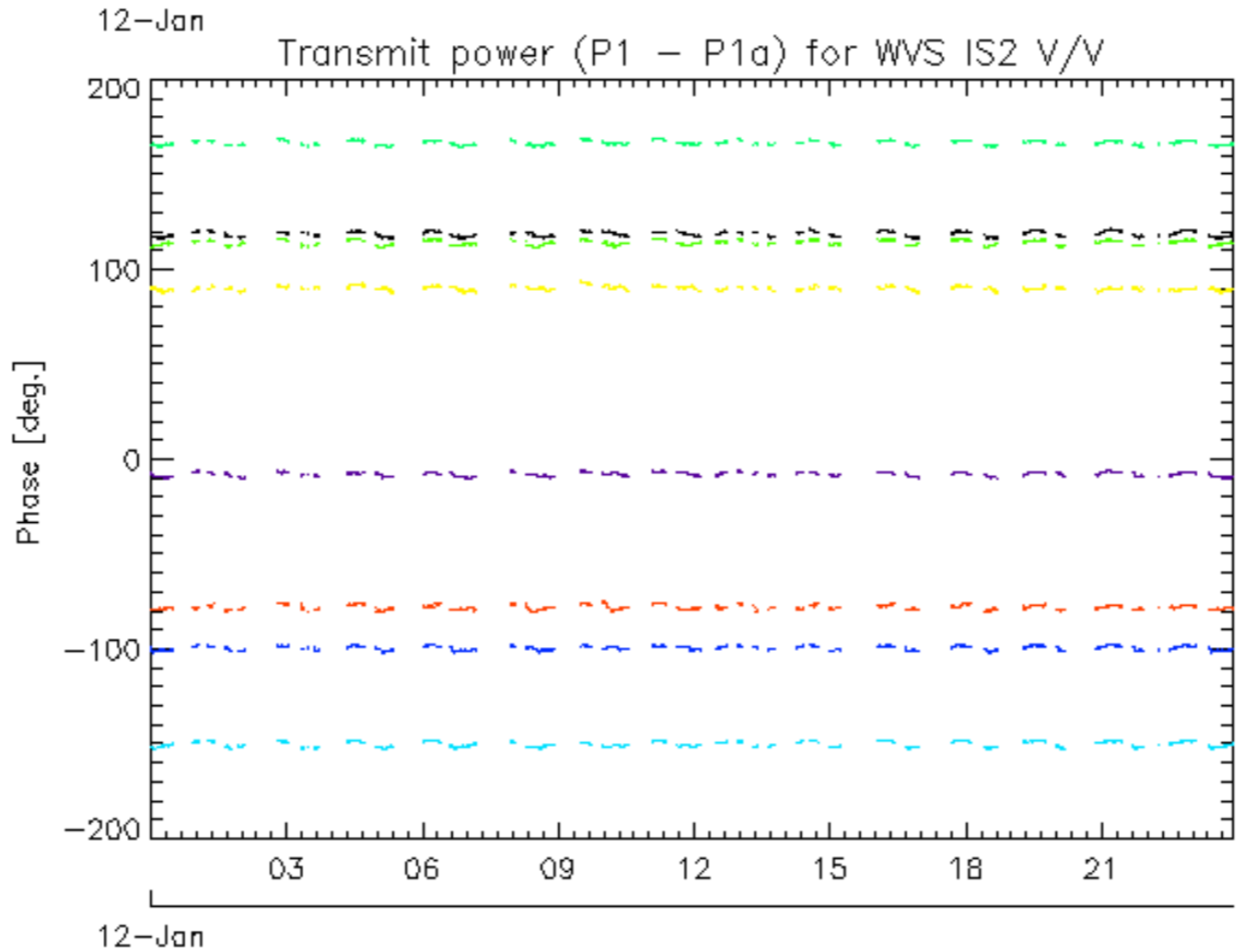
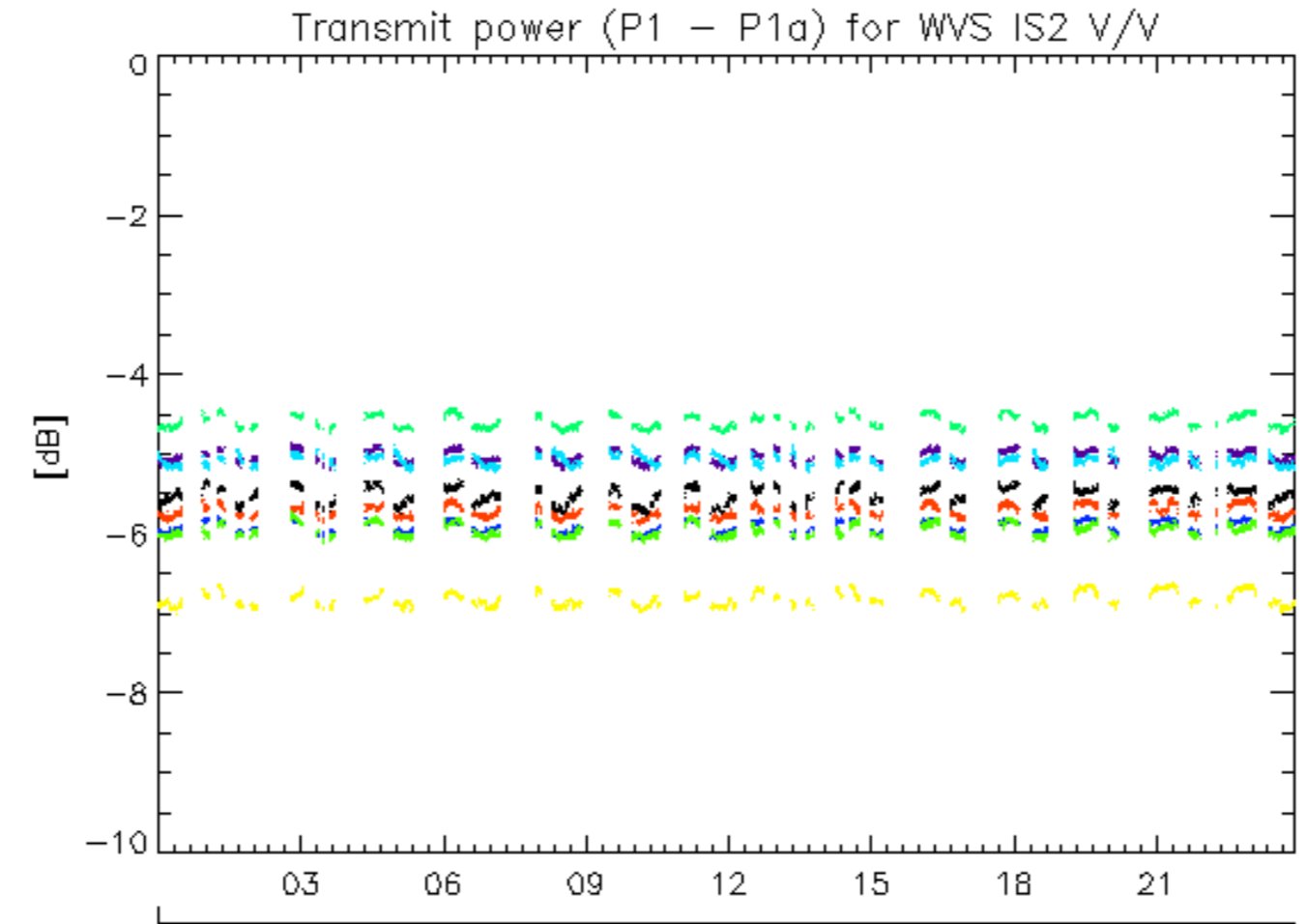
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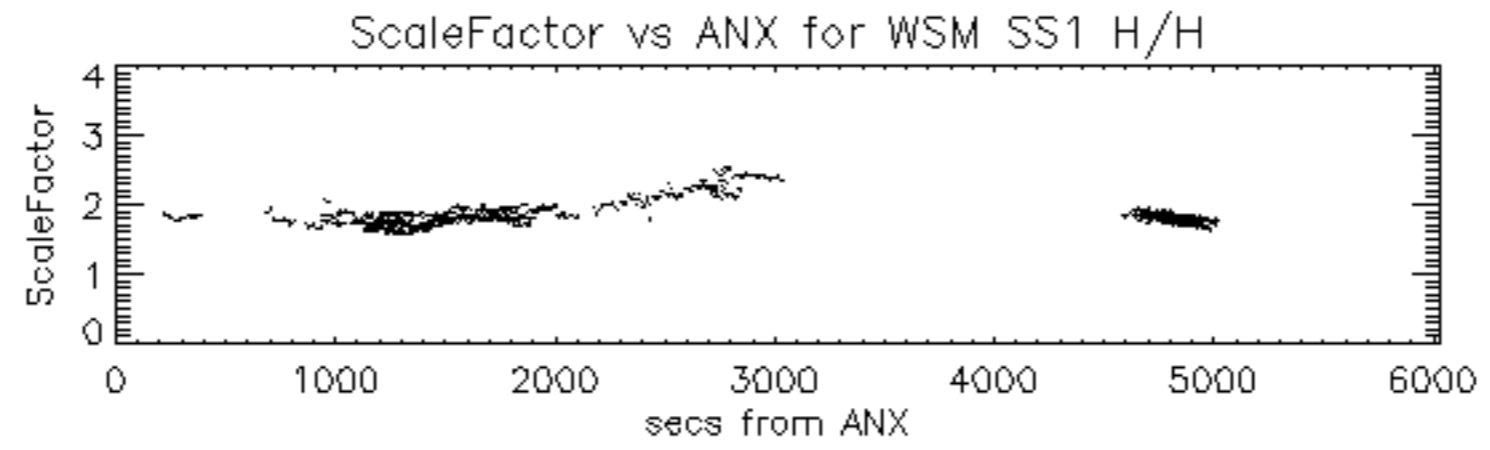
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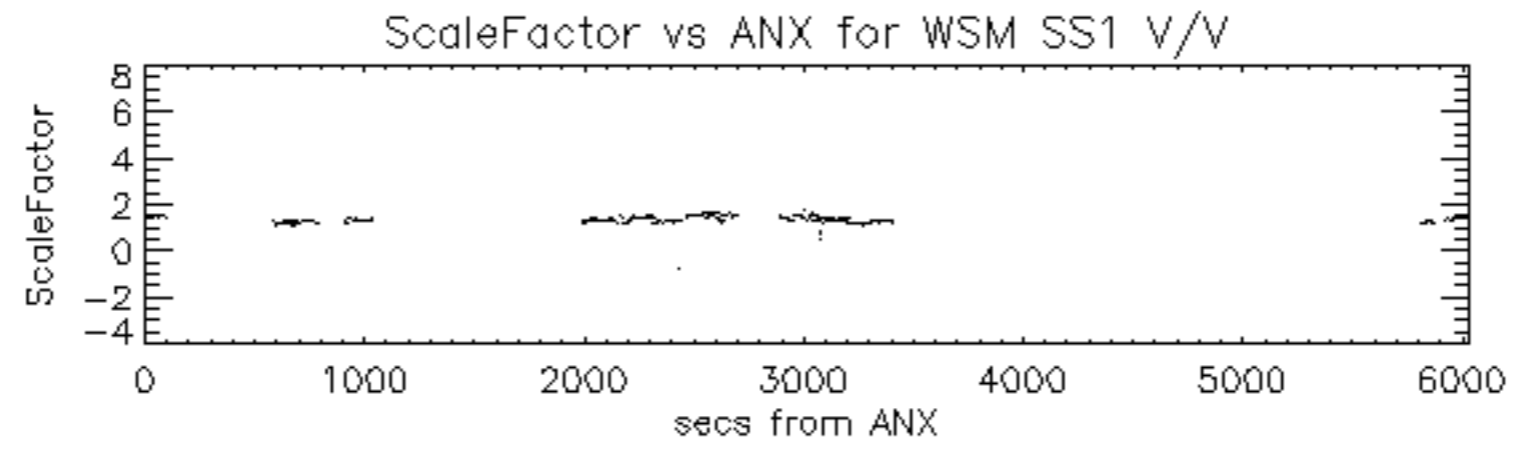


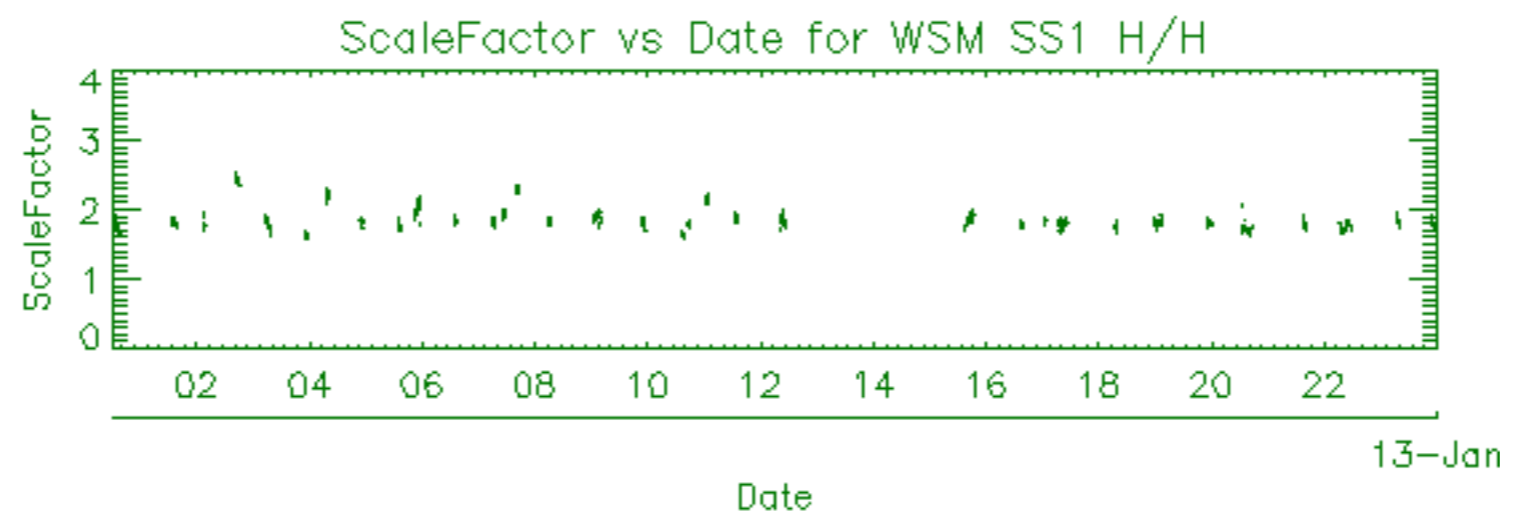
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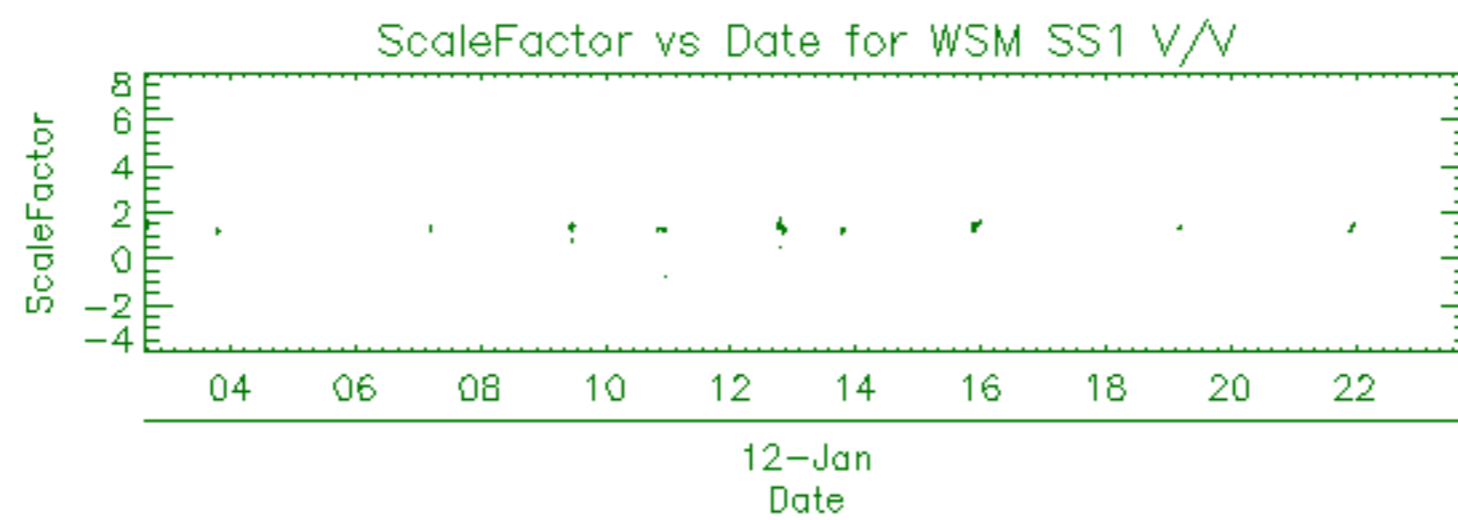


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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120112_024633_000000563110_00305_51612_9033.N1						IS2	H/H	110	51612	305	5.04
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ASA_APM_1PNPDE20120112_074638_000000433110_00308_51615_9149.N1						IS1	V/H	110	51615	308	5.04
ASA_APM_1PNPDE20120112_092348_000001033110_00309_51616_9171.N1						IS1	V/V	110	51616	309	5.04
ASA_APM_1PNPDE20120112_165901_000000863110_00314_51621_9259.N1						IS2	H/H	110	51621	314	5.04
ASA_APM_1PNPDE20120112_201212_000001643110_00315_51622_9275.N1						IS4	H/H	110	51622	315	5.04

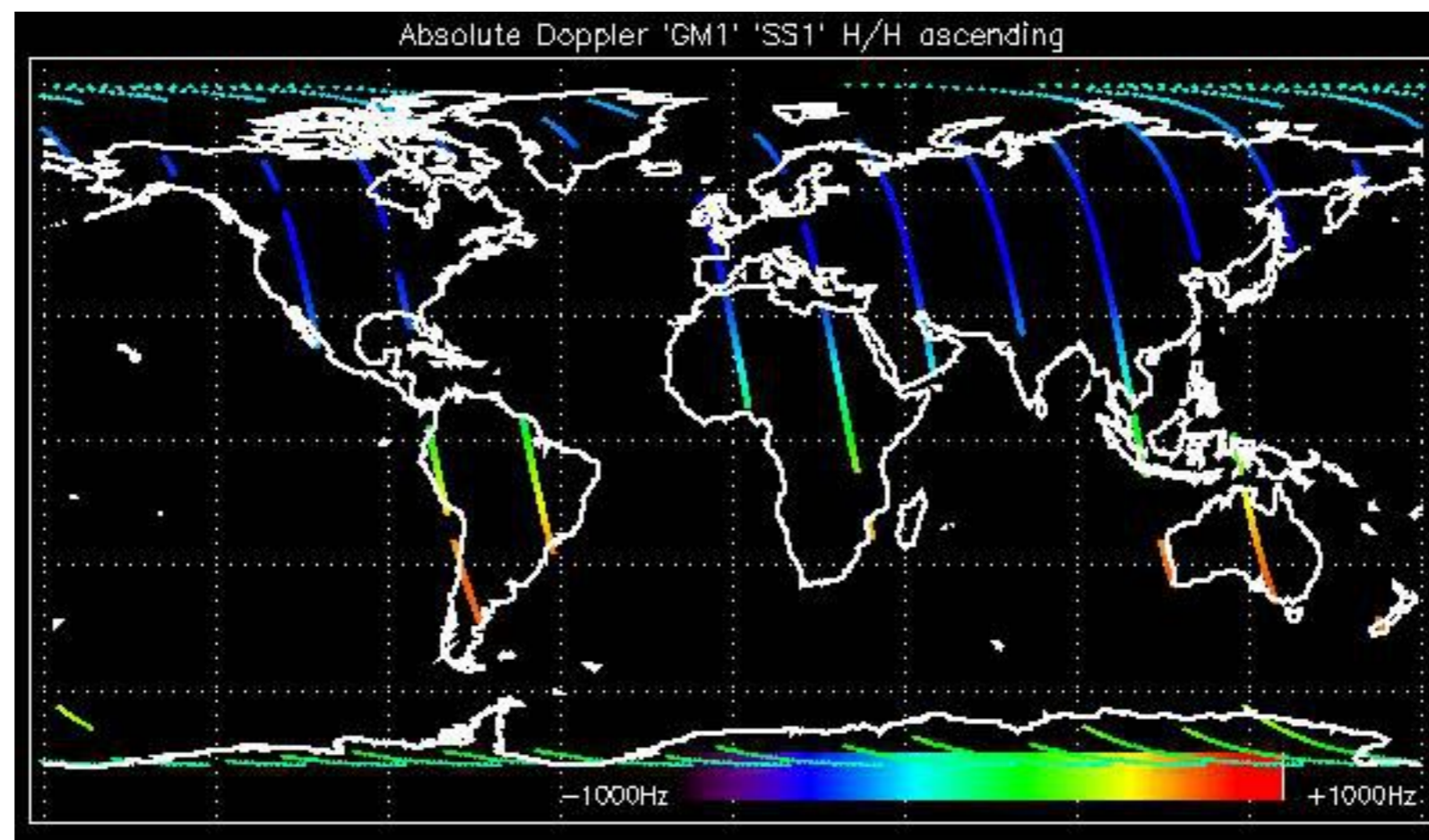
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ASA_GM1_1PNPDE20120112_203528_000001633110_00316_51623_9281.N1	SS1	H/H	110	51623	316	5.04
ASA_GM1_1PNPDE20120112_204349_000004653110_00316_51623_9282.N1	SS1	H/H	110	51623	316	5.04
ASA_GM1_1PNPDE20120112_212616_000006283110_00316_51623_9287.N1	SS1	H/H	110	51623	316	5.04
ASA_GM1_1PNPDE20120112_215951_000008523110_00317_51624_9305.N1	SS1	H/H	110	51624	317	5.04
ASA_GM1_1PNPDE20120112_221937_00000783110_00317_51624_9307.N1	SS1	H/H	110	51624	317	5.04
ASA_GM1_1PNPDE20120112_230631_000005793110_00317_51624_9311.N1	SS1	H/H	110	51624	317	5.04
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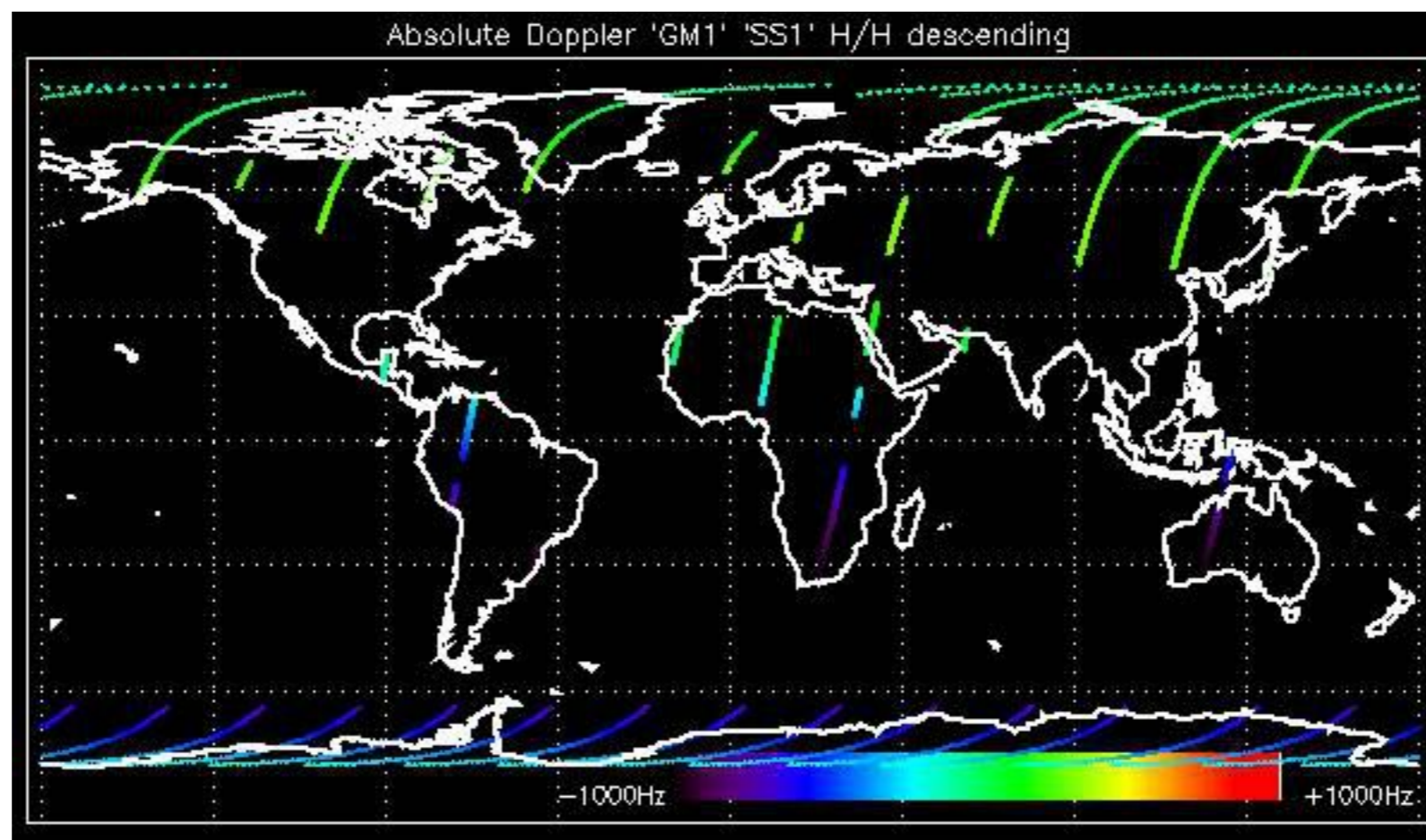
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20120112_023340_000000373110_00305_51612_9034.N1						IS2	V/V	110	51612	305	5.04
ASA_IMM_1PNPDE20120112_023446_000000673110_00305_51612_9035.N1						IS6	H/H	110	51612	305	5.04
ASA_IMM_1PNPDE20120112_023625_000000363110_00305_51612_9036.N1						IS2	V/V	110	51612	305	5.04
ASA_IMM_1PNPDE20120112_041339_000001423110_00306_51613_9070.N1						IS6	H/H	110	51613	306	5.04
ASA_IMM_1PNPDE20120112_073325_000000373110_00308_51615_9145.N1						IS6	H/H	110	51615	308	5.04
ASA_IMM_1PNPDE20120112_073412_000001433110_00308_51615_9146.N1						IS6	H/H	110	51615	308	5.04
ASA_IMM_1PNPDE20120112_074422_000001093110_00308_51615_9148.N1						IS2	V/V	110	51615	308	5.04
ASA_IMM_1PNPDK20120112_091253_000000753110_00309_51616_4619.N1						IS6	H/H	110	51616	309	5.04
ASA_IMM_1PNPDE20120112_091354_000001313110_00309_51616_9170.N1						IS6	H/H	110	51616	309	5.04
ASA_IMM_1PNPDK20120112_134410_000000373110_00312_51619_4714.N1						IS3	V/V	110	51619	312	5.04
ASA_IMM_1PNPDE20120112_155603_000000673110_00313_51620_9257.N1						IS6	H/H	110	51620	313	5.04
ASA_IMM_1PNPDE20120112_173317_000002763110_00314_51621_9264.N1						IS6	H/H	110	51621	314	5.04
ASA_IMM_1PNPDE20120112_173801_000000363110_00314_51621_9263.N1						IS2	V/V	110	51621	314	5.04
ASA_IMM_1PNPDE20120112_215136_000000683110_00316_51623_9293.N1						IS2	V/V	110	51623	316	5.04

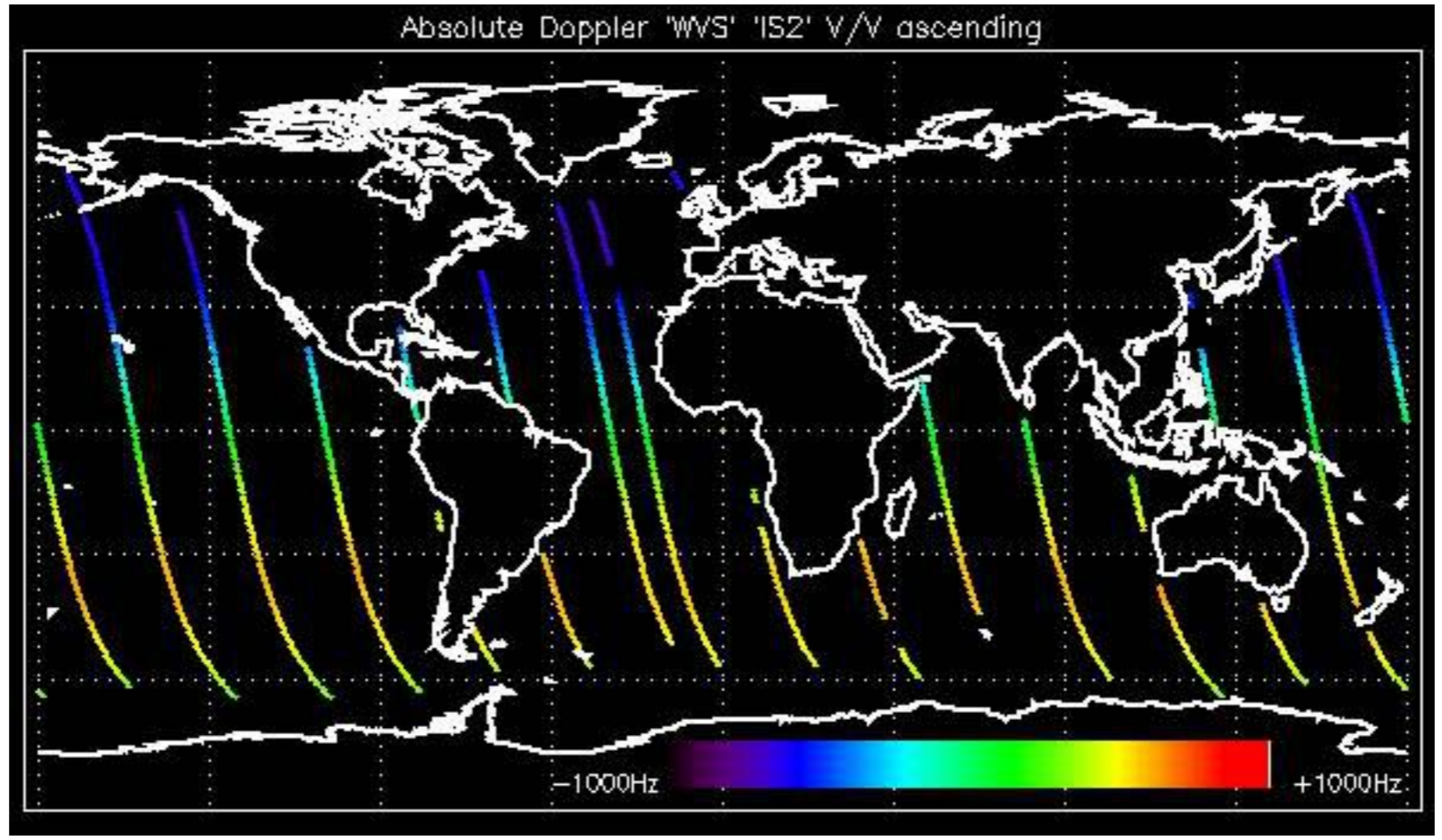
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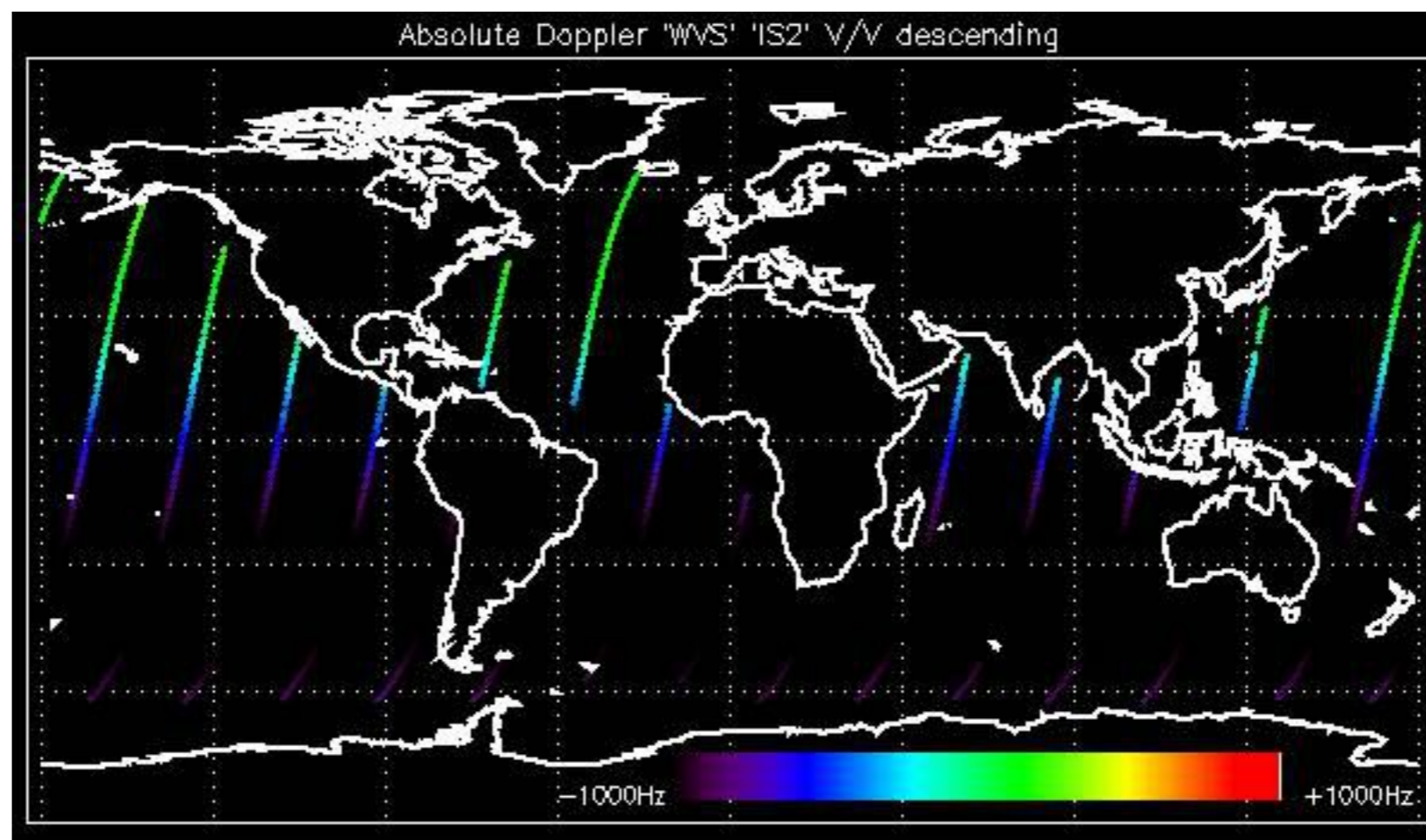
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20120112_003034_000004593110_00304_51611_9007.N1						SS1	H/H	110	51611	304	5.04
ASA_WSM_1PNPDE20120112_013308_000003303110_00304_51611_9010.N1						SS1	H/H	110	51611	304	5.04
ASA_WSM_1PNPDK20120112_020612_000001773110_00305_51612_4534.N1						SS1	H/H	110	51612	305	5.04
ASA_WSM_1PNPDE20120112_023738_000001653110_00305_51612_9031.N1						SS1	V/V	110	51612	305	5.04
ASA_WSM_1PNPDE20120112_024032_000003303110_00305_51612_9032.N1						SS1	H/H	110	51612	305	5.04
ASA_WSM_1PNPDE20120112_031216_000003733110_00305_51612_9068.N1						SS1	H/H	110	51612	305	5.04
ASA_WSM_1PNPDK20120112_034623_000001533110_00306_51613_4555.N1						SS1	V/V	110	51613	306	5.04
ASA_WSM_1PNPDE20120112_035442_000002083110_00306_51613_9069.N1						SS1	H/H	110	51613	306	5.04
ASA_WSM_1PNPDE20120112_041719_000002393110_00306_51613_9071.N1						SS1	H/H	110	51613	306	5.04
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ASA_WSM_1PNPDK20120112_071448_000002263110_00308_51615_4588.N1						SS1	H/H	110	51615	308	5.04
ASA_WSM_1PNPDE20120112_072509_000002513110_00308_51615_9144.N1						SS1	H/H	110	51615	308	5.04
ASA_WSM_1PNPDE20120112_074012_000001353110_00308_51615_9147.N1						SS1	H/H	110	51615	308	5.04
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ASA_WSM_1PNPDE20120112_090242_000002393110_00309_51616_9165.N1						SS1	H/H	110	51616	309	5.04
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ASA_WSM_1PNPDE20120112_090702_000002693110_00309_51616_9167.N1						SS1	H/H	110	51616	309	5.04
ASA_WSM_1PNPDK20120112_090902_000001353110_00309_51616_4618.N1						SS1	H/H	110	51616	309	5.04
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ASA_WSM_1PNPDE20120112_095311_000003123110_00309_51616_9201.N1						SS1	H/H	110	51616	309	5.04
ASA_WSM_1PNPDE20120112_103501_000002203110_00310_51617_9202.N1						SS1	H/H	110	51617	310	5.04
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ASA_WSM_1PNPDK20120112_104933_000001223110_00310_51617_9194.N1						SS1	V/V	110	51617	310	5.04
ASA_WSM_1PNPDE20120112_105448_000001533110_00310_51617_9197.N1						SS1	V/V	110	51617	310	5.04
ASA_WSM_1PNPDE20120112_110127_000001533110_00310_51617_9199.N1						SS1	H/H	110	51617	310	5.04
ASA_WSM_1PNPDE20120112_113240_000001903110_00310_51617_9227.N1						SS1	H/H	110	51617	310	5.04
ASA_WSM_1PNPDK20120112_122033_000004593110_00311_51618_4685.N1						SS1	H/H	110	51618	311	5.04
ASA_WSM_1PNPDE20120112_124442_000001353110_00311_51618_9238.N1						SS1	V/V	110	51618	311	5.04
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ASA_WSM_1PNPDE20120112_181710_000001533110_00314_51621_9261.N1						SS1	H/H	110	51621	314	5.04
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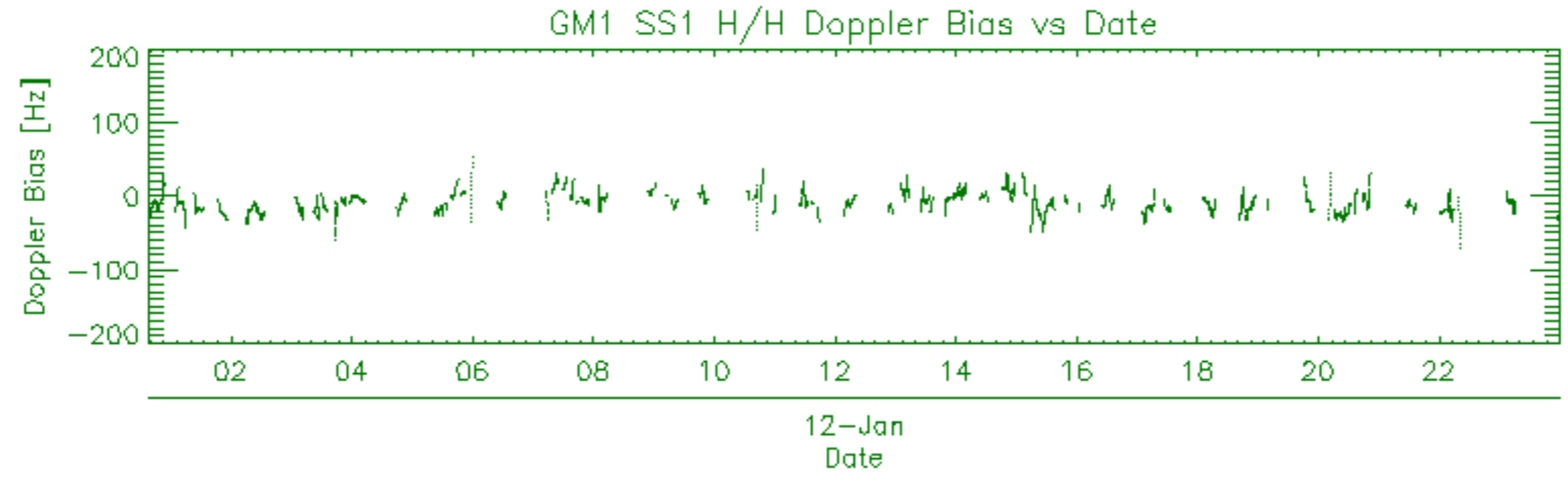
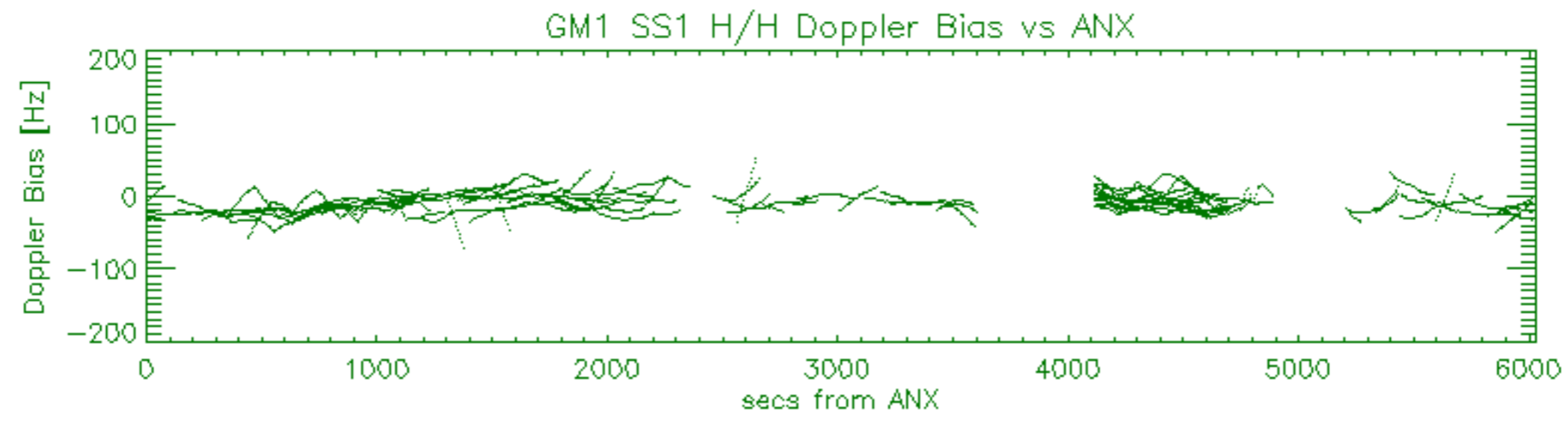
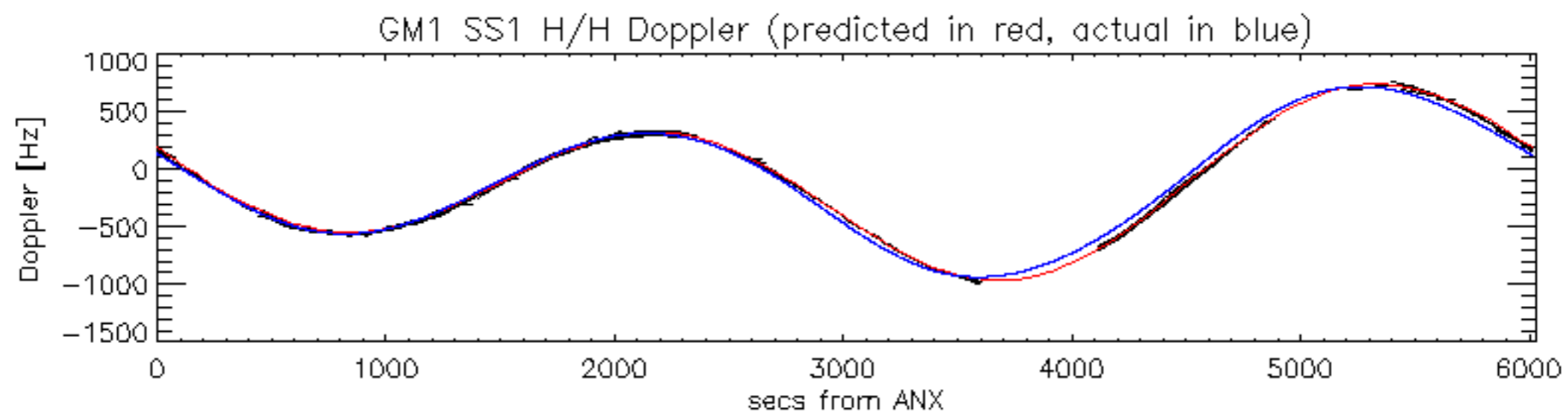
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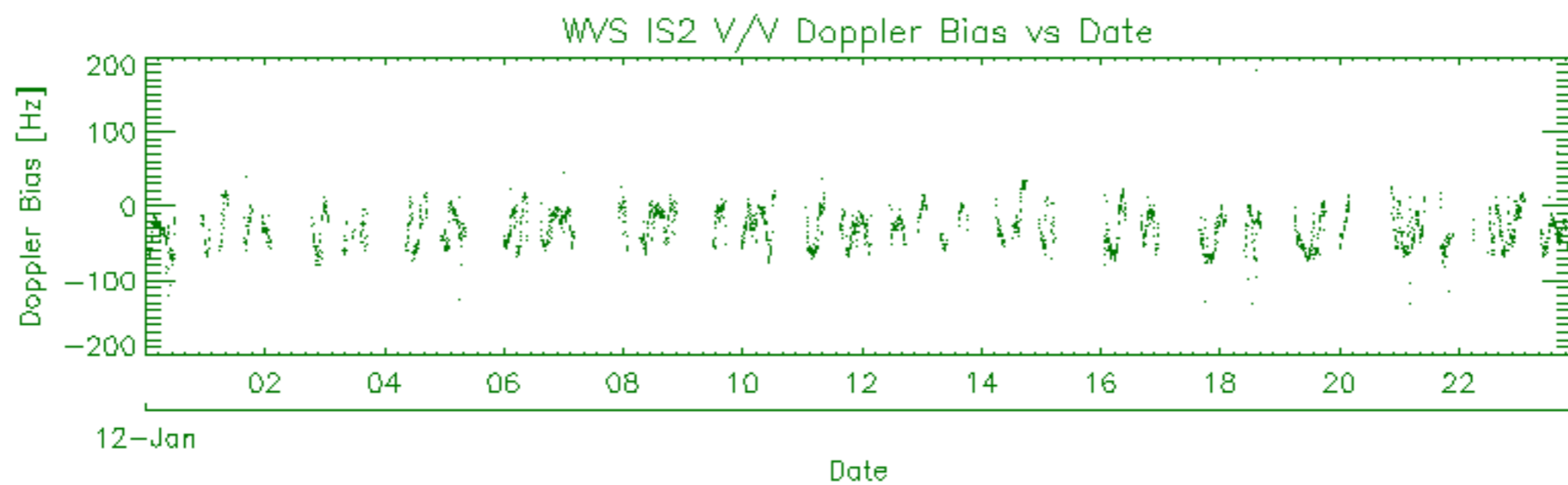
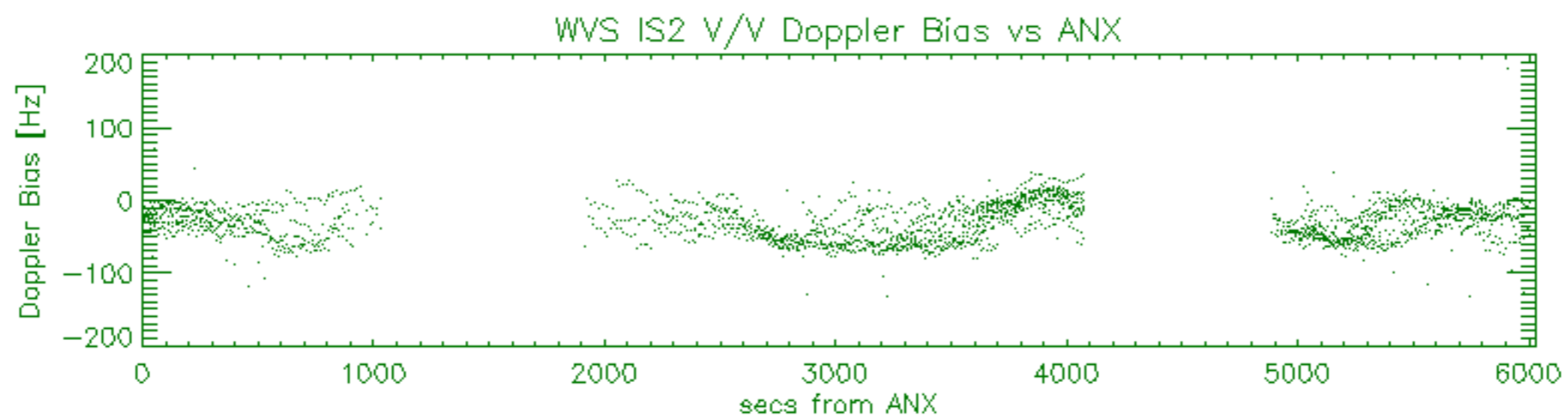
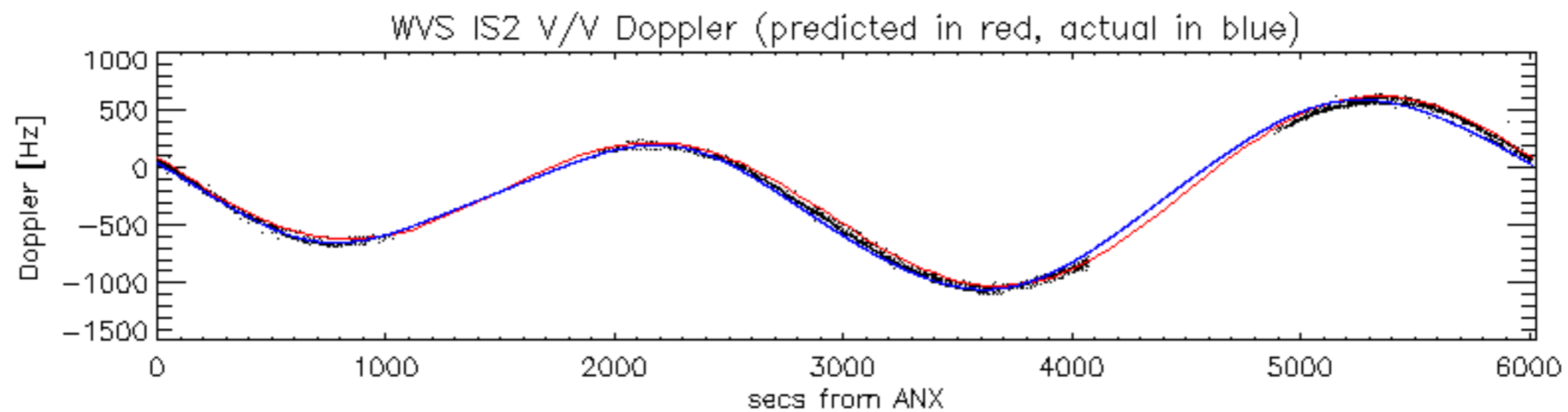


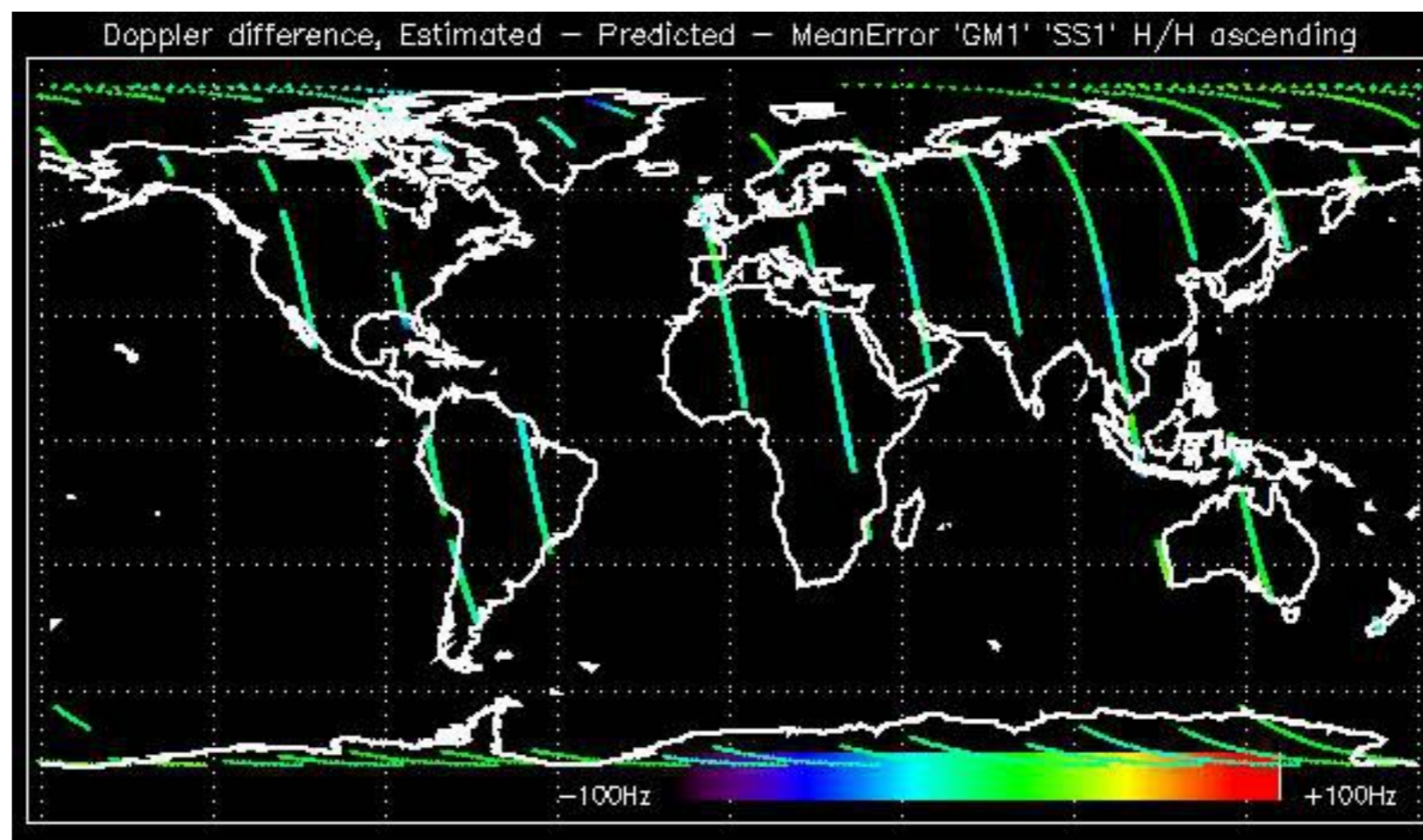


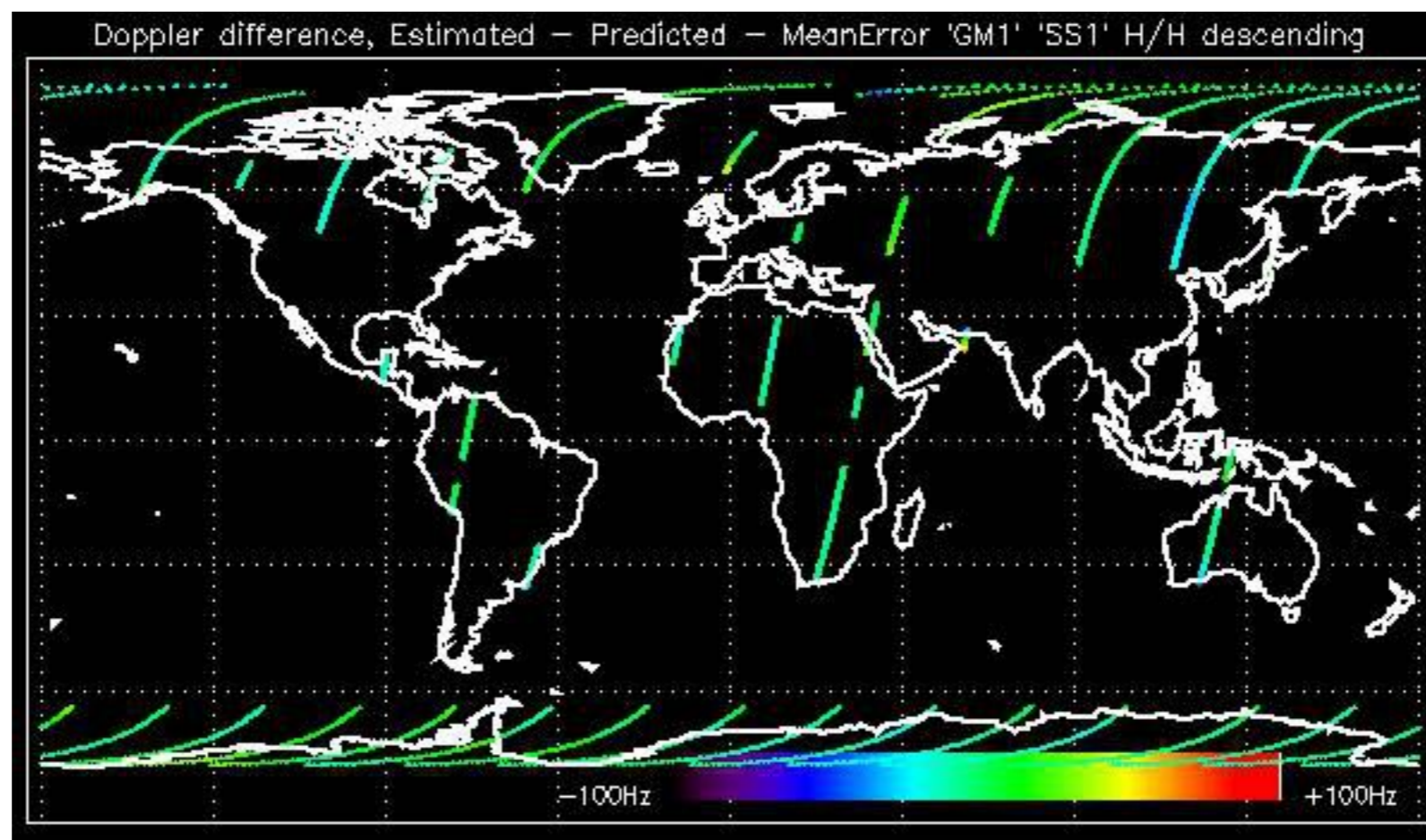


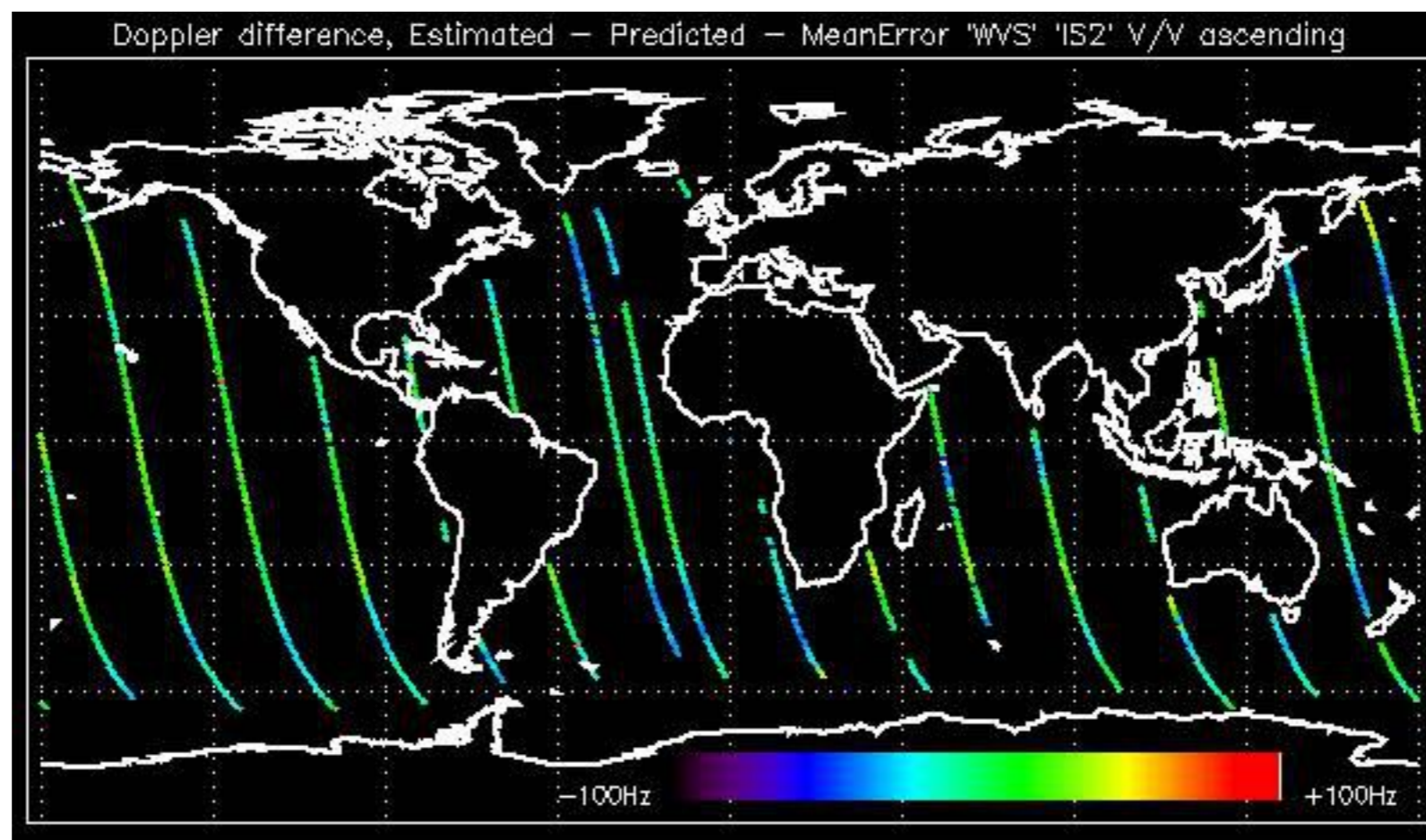


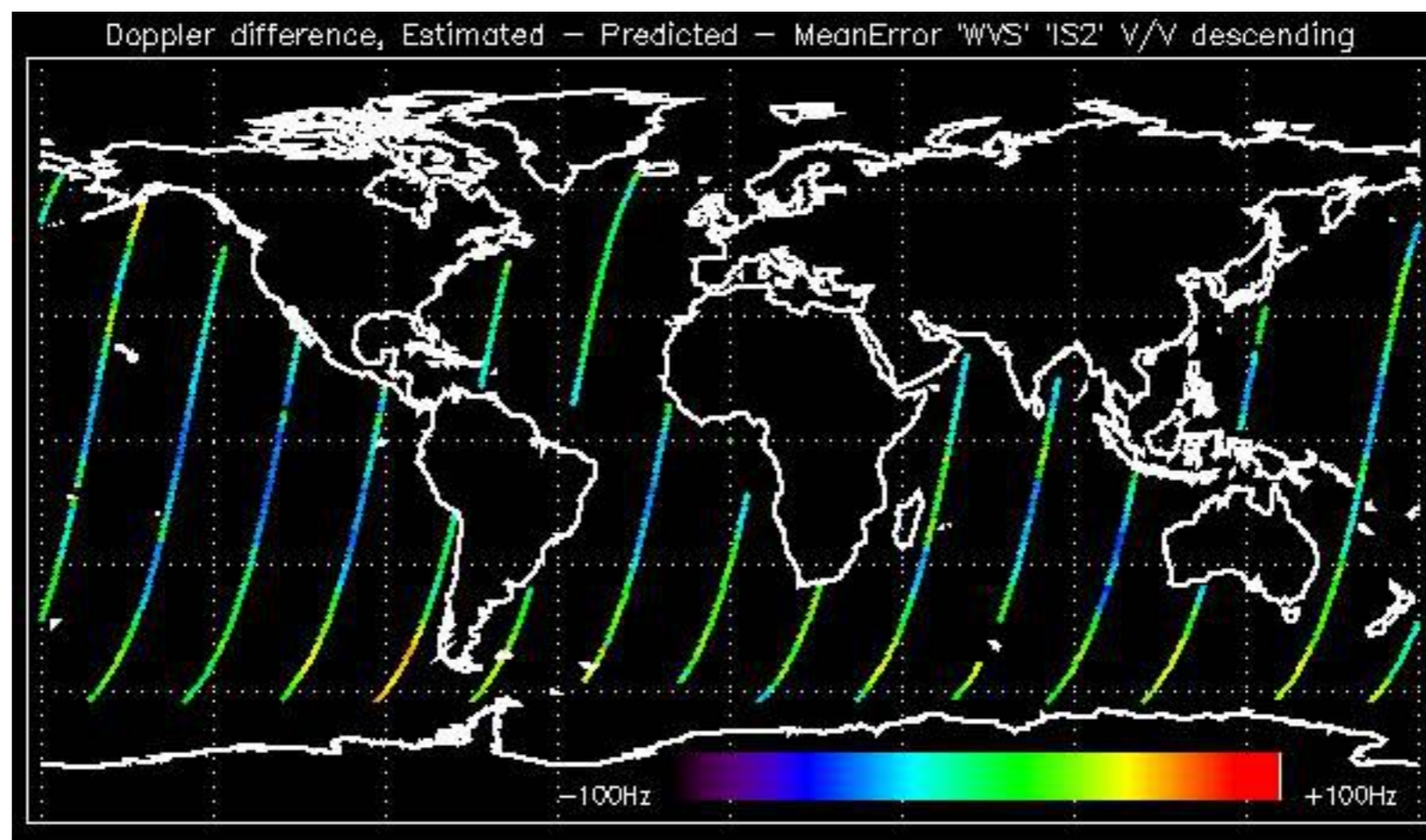


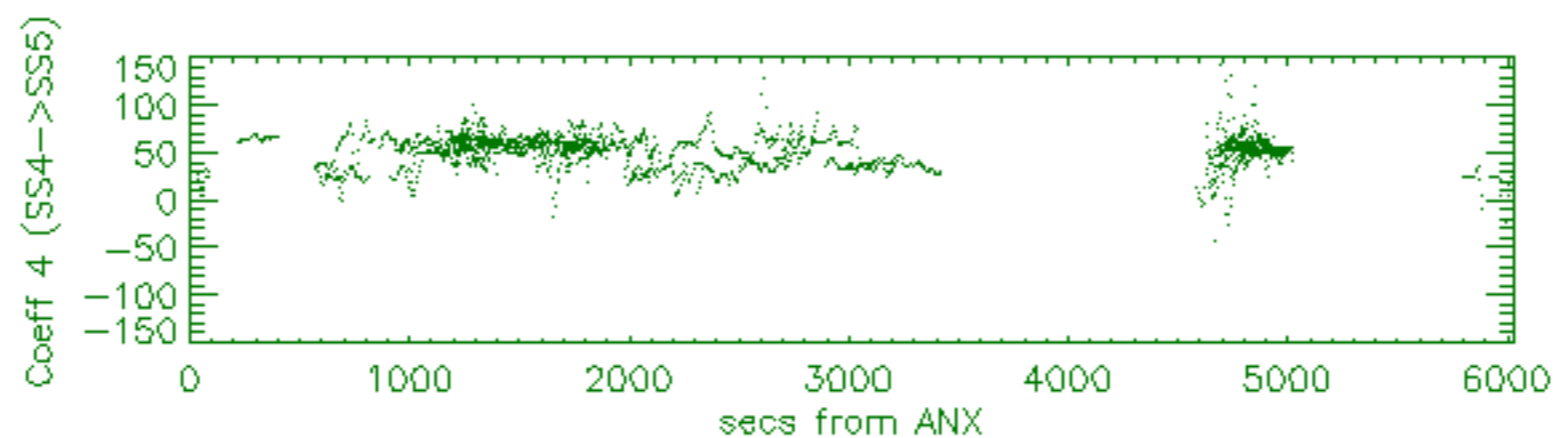
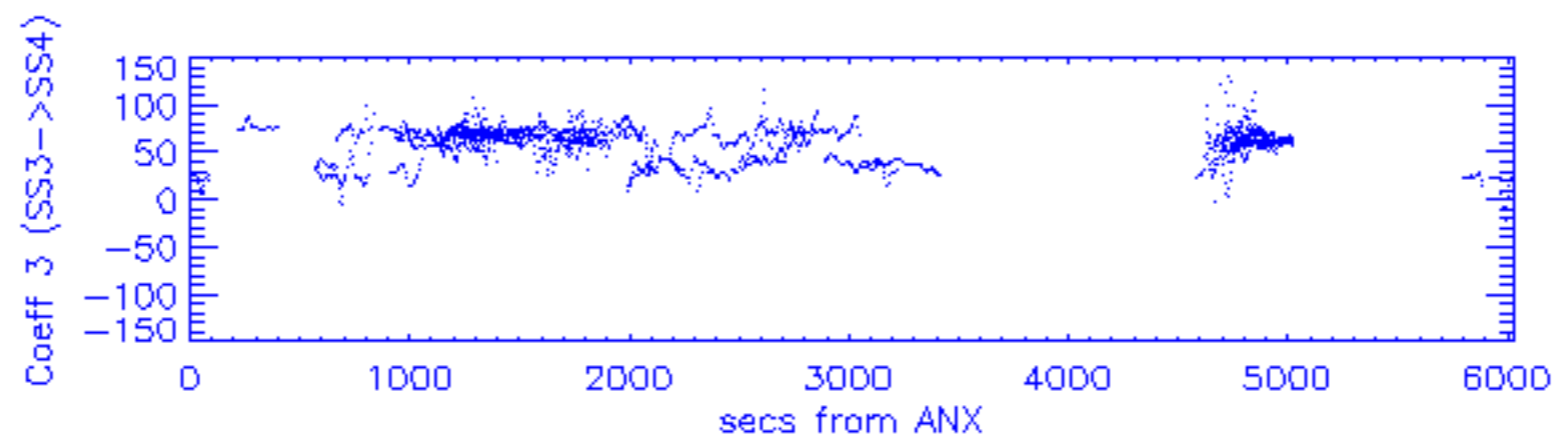
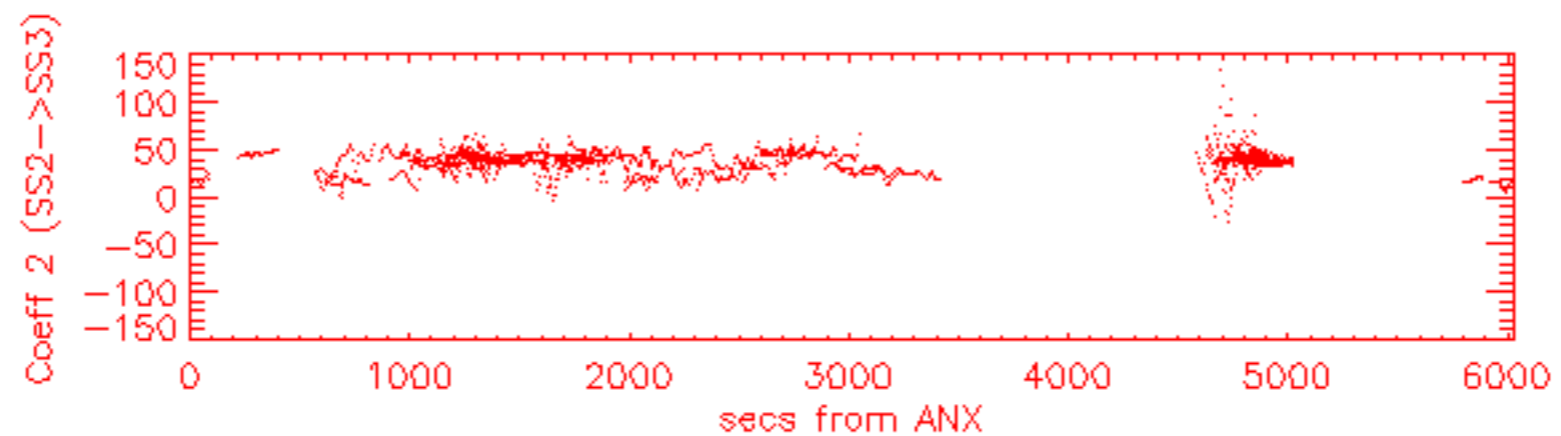
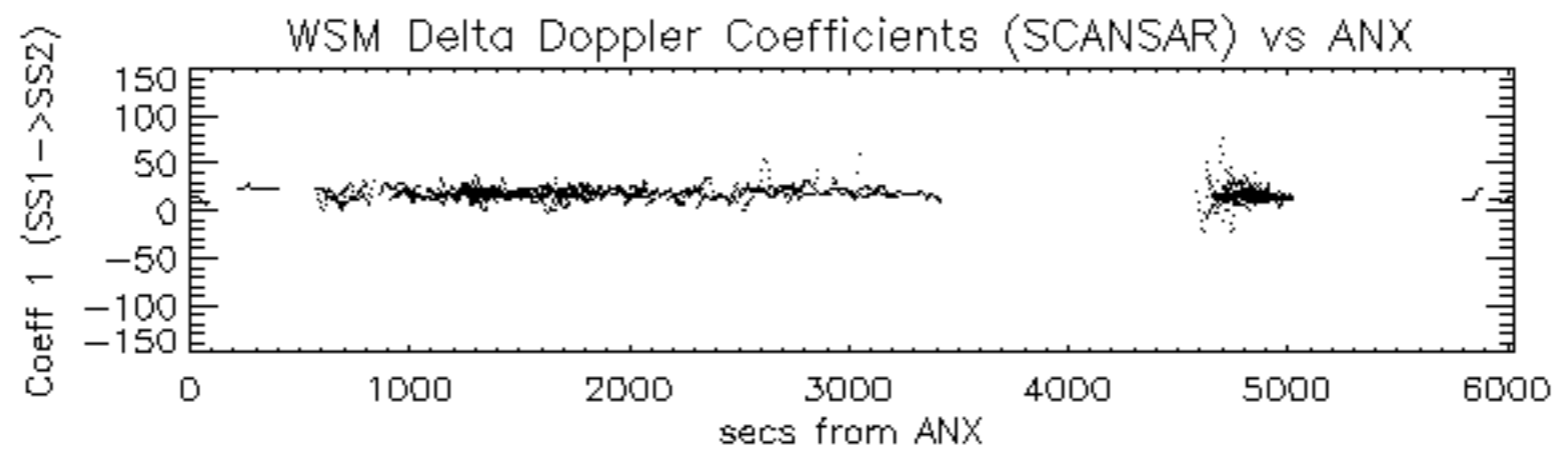


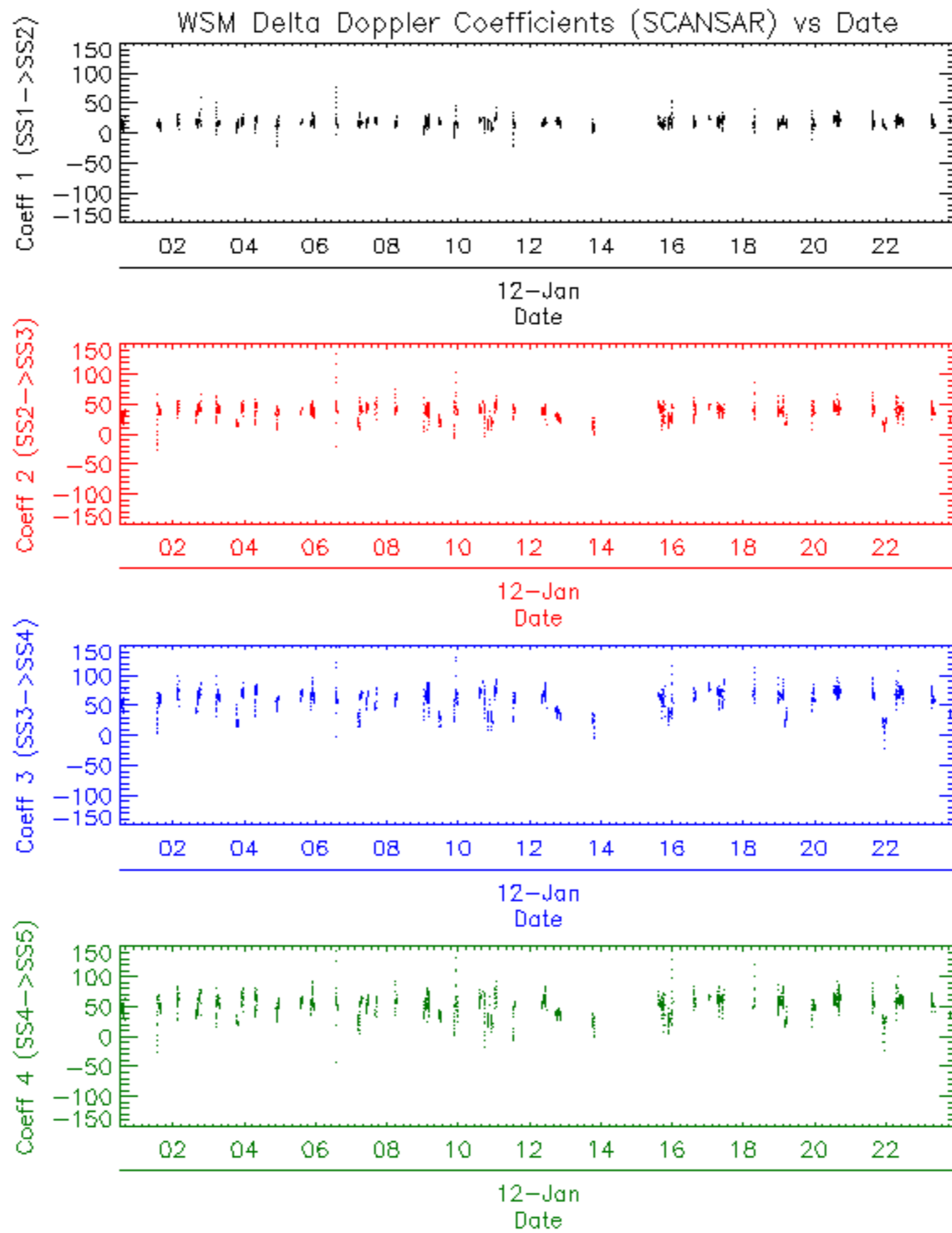


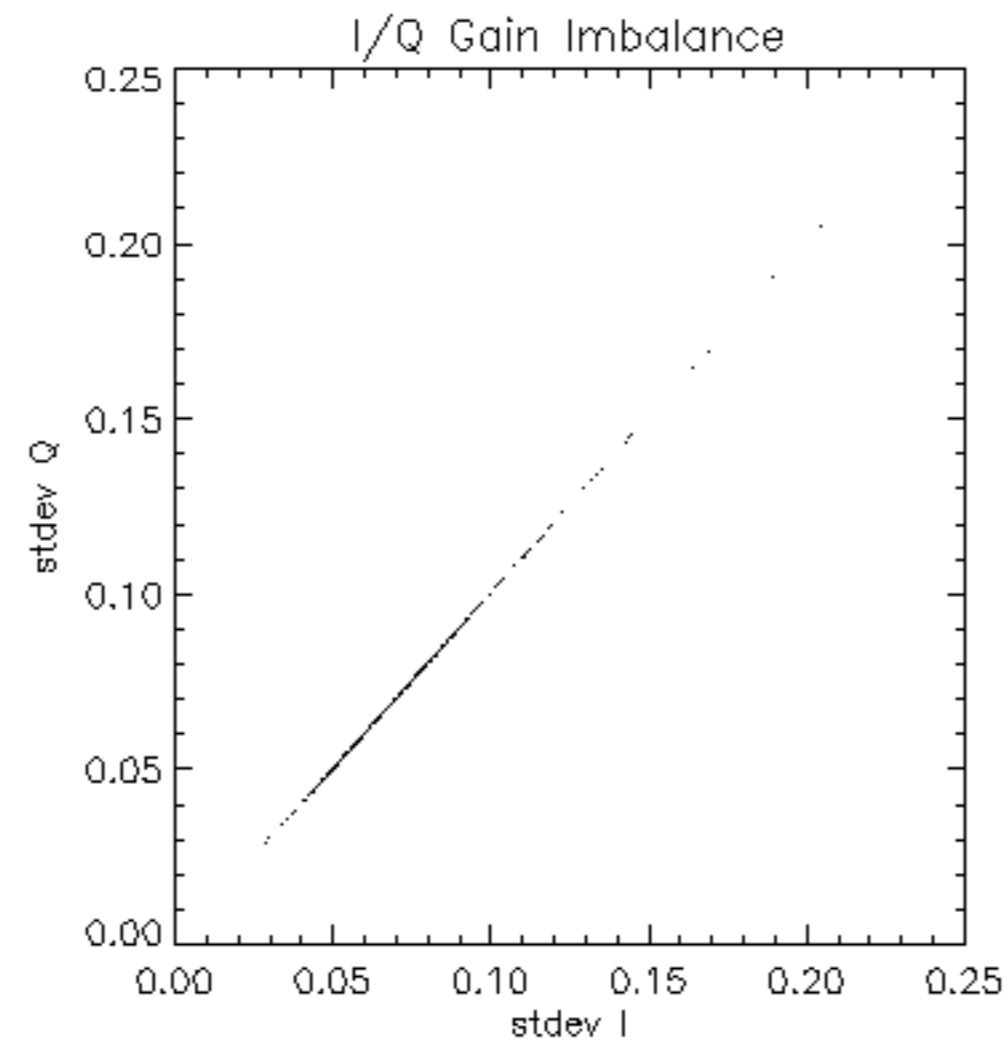


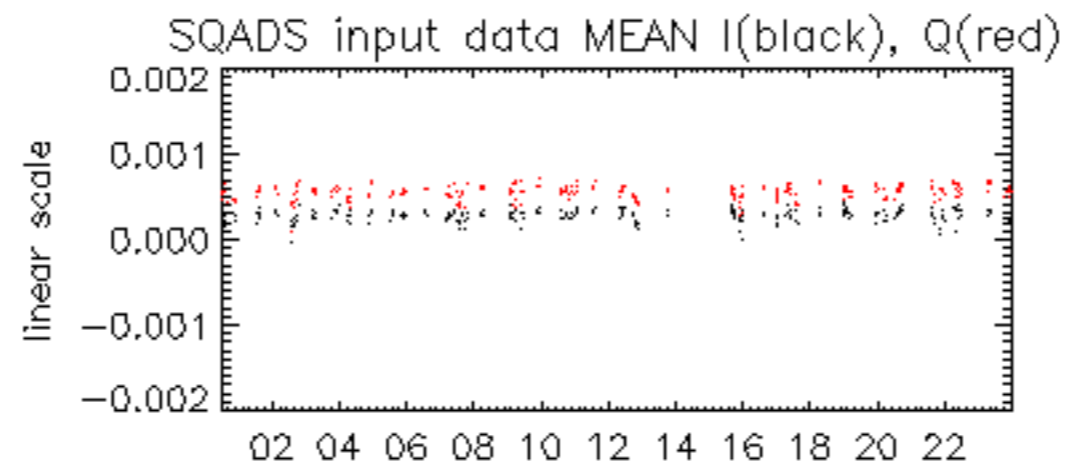




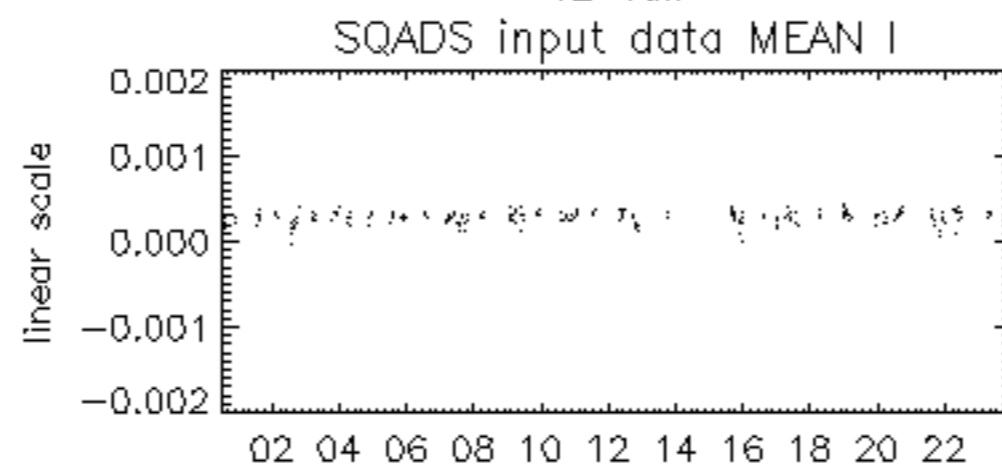




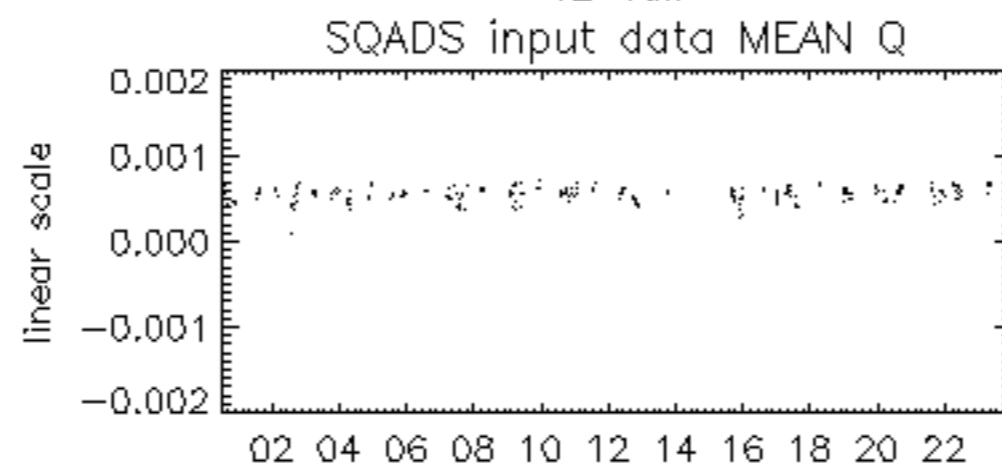




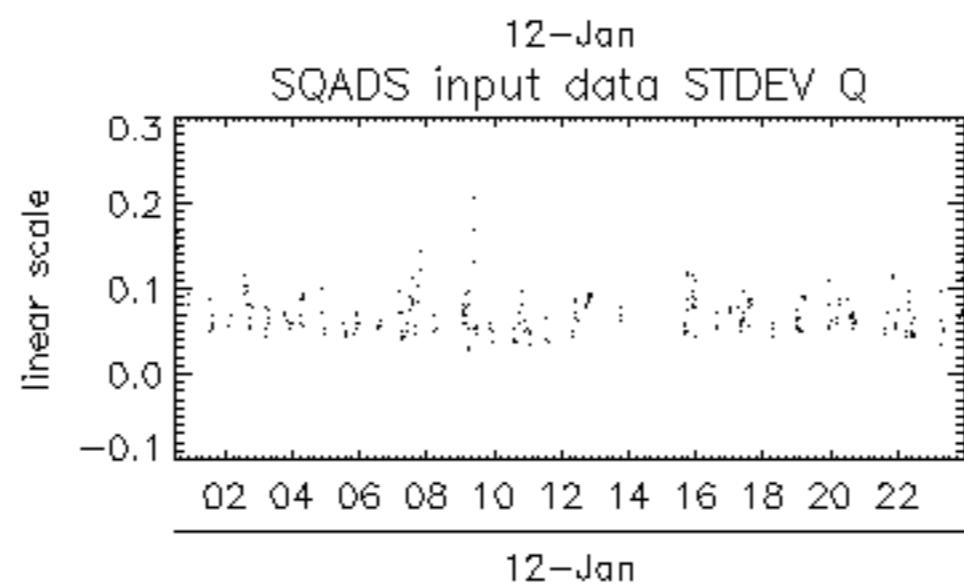
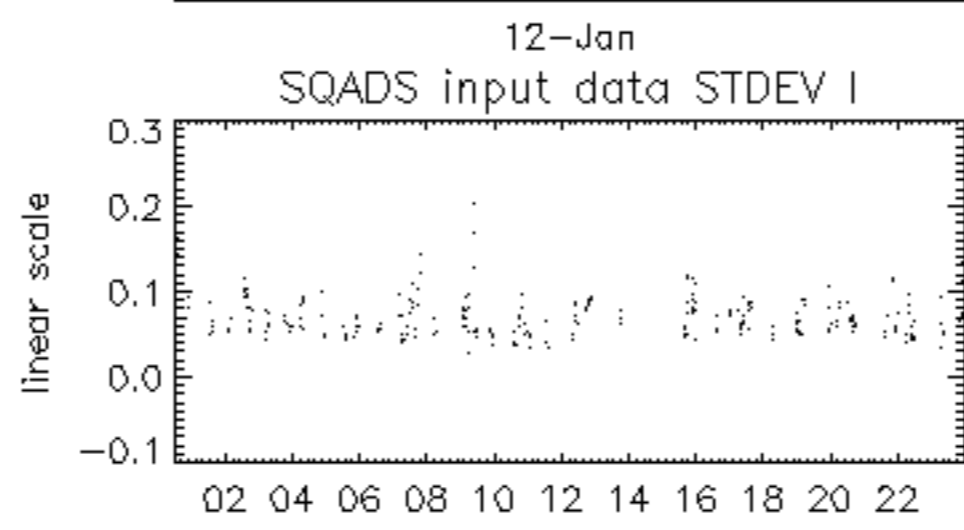
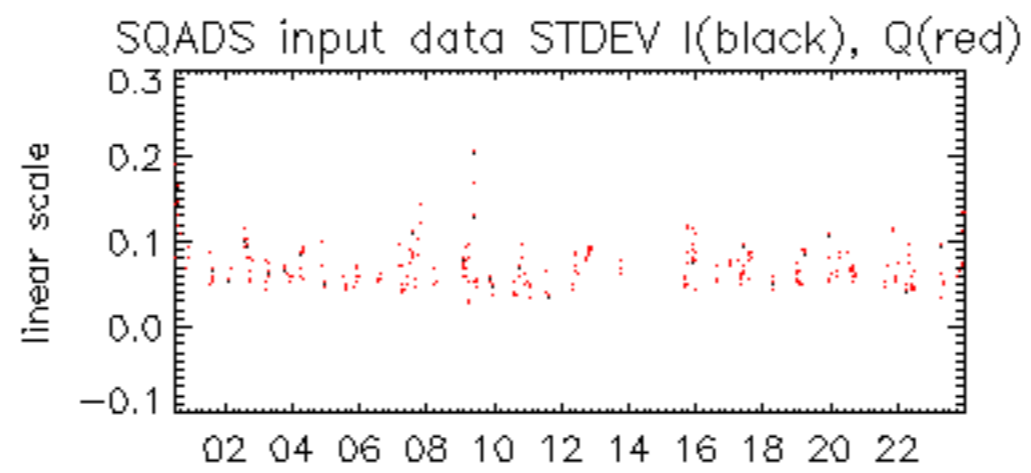
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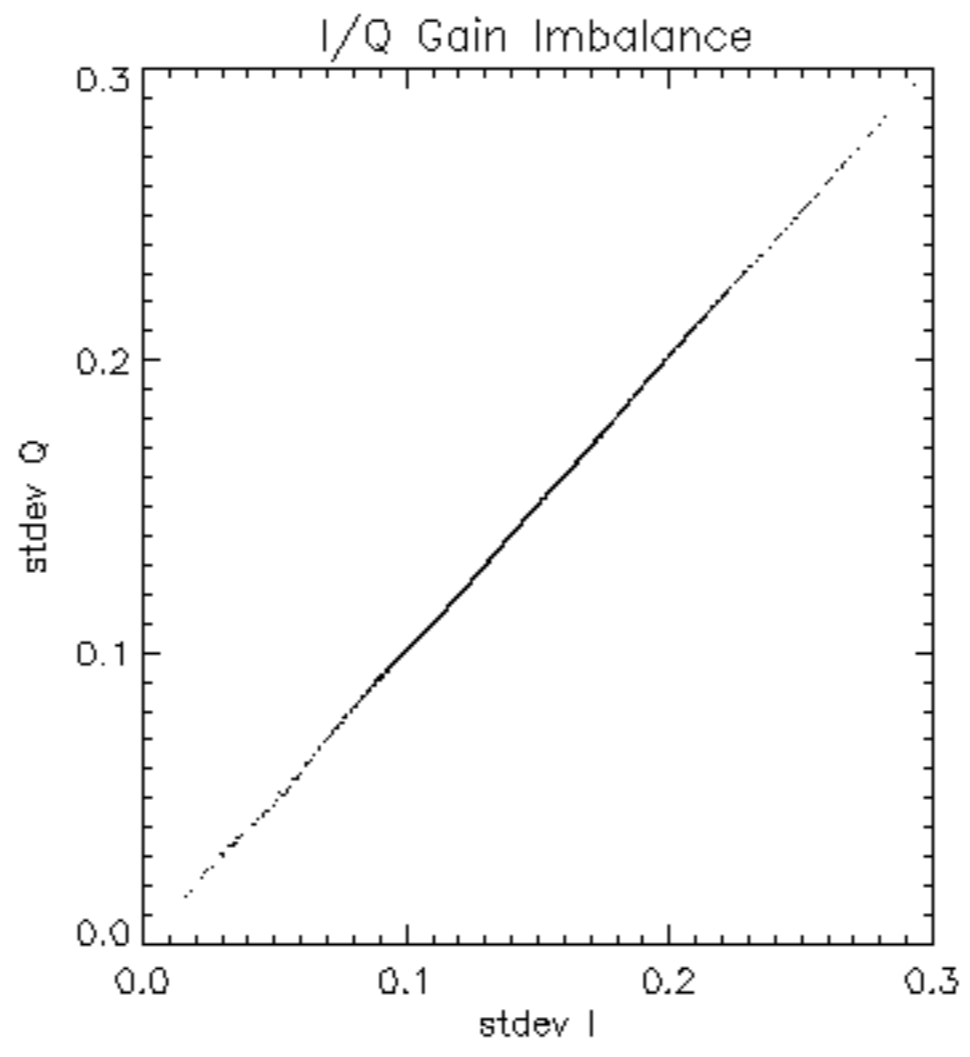


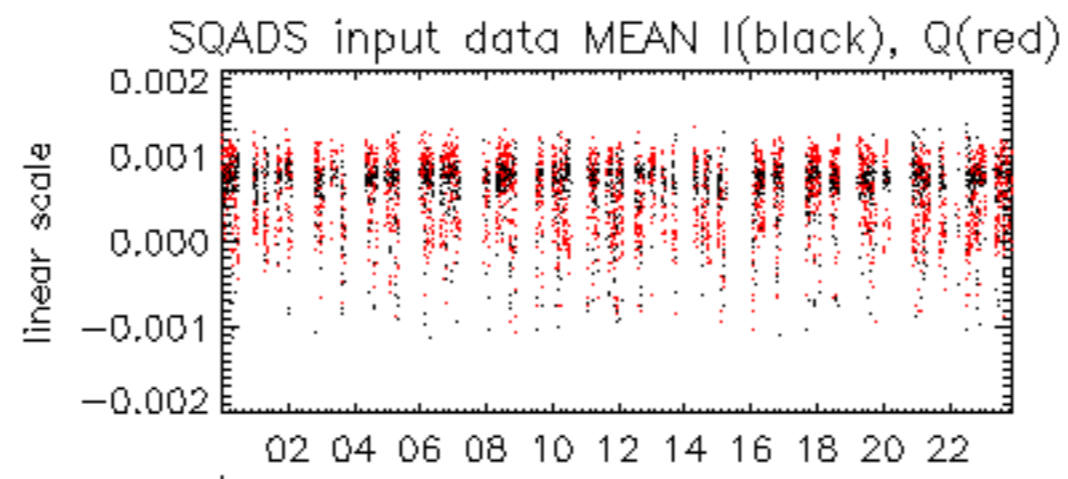
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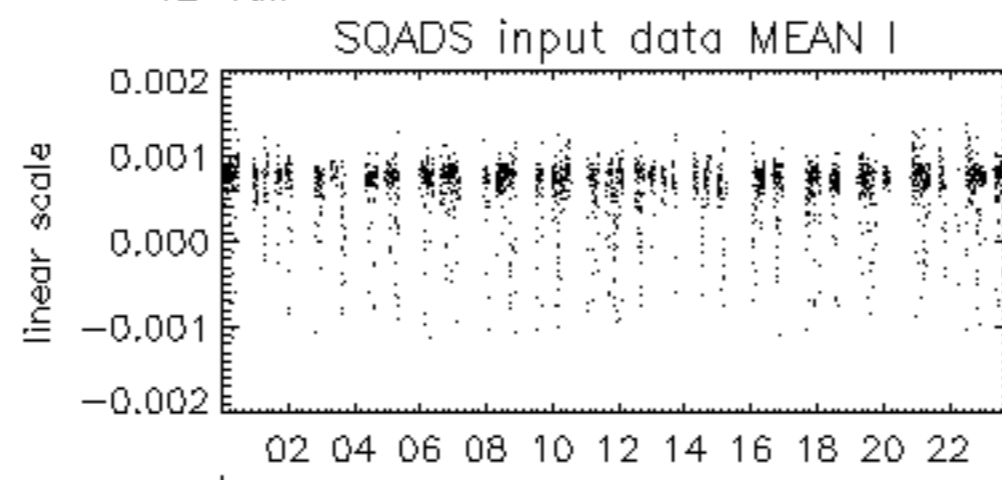
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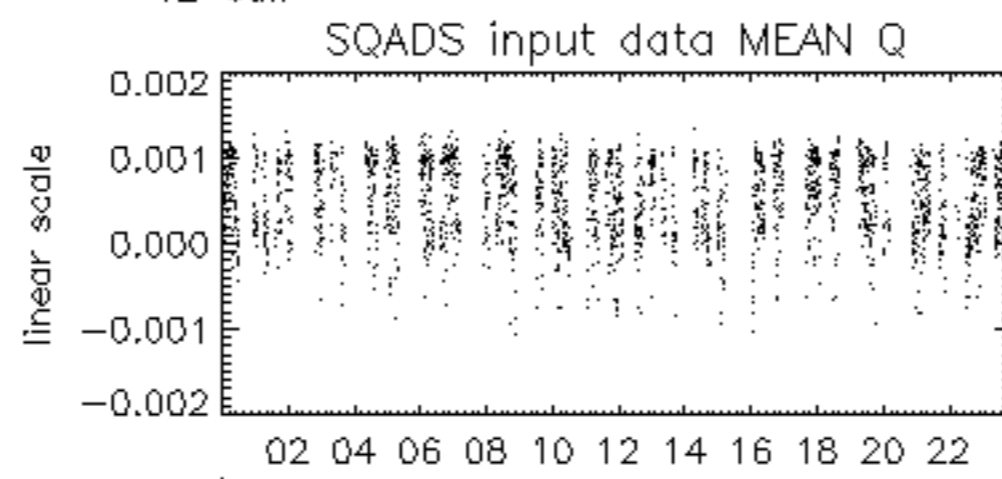




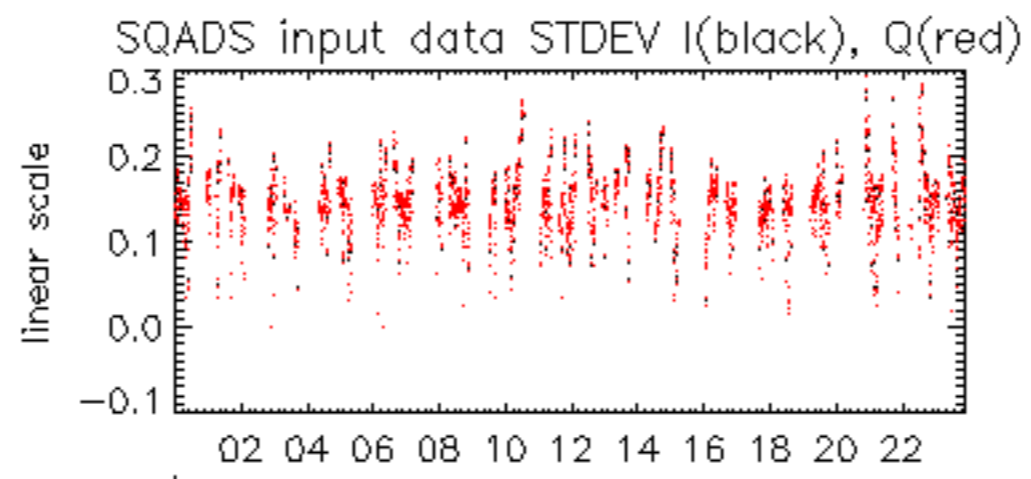
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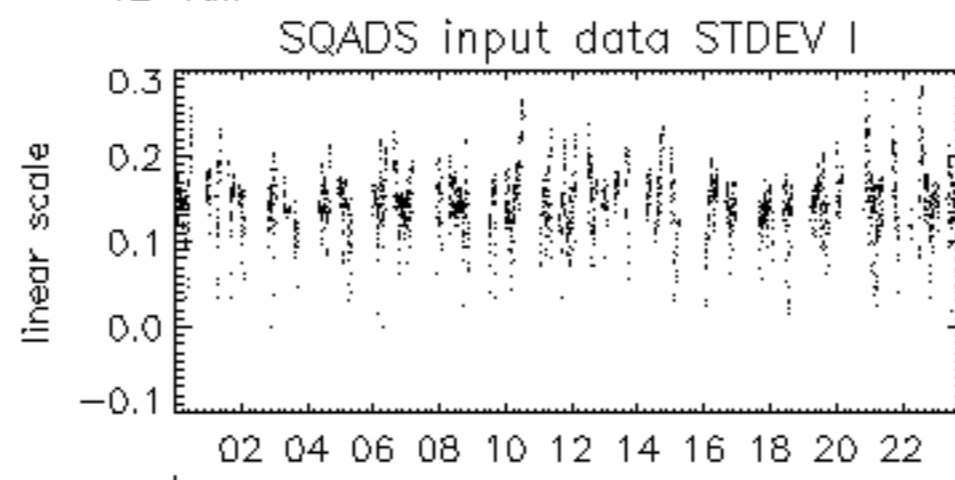
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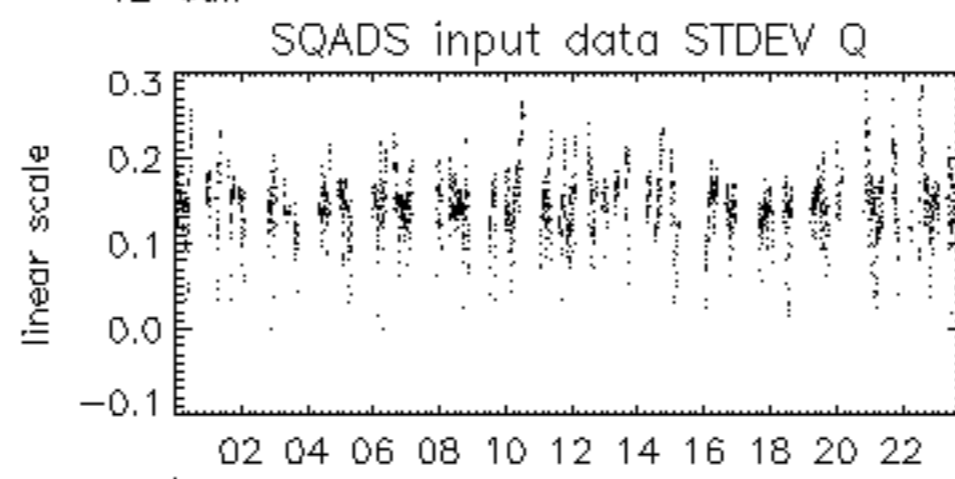
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