



Analysis from 08-JAN-2012 00:00:00 to 08-JAN-2012 23:59:59. Page generated on 09-JAN-2012 06:31:41.  
View log file: ASAR\_Daily\_Report\_20120109\_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	26	PDE	IS1	V/H	4	PDE	IS6	H/H	6	PDE	WS	H/H	36	PDK	2012-01-08 08:45:36	H	320
PDE	IS2	V/V	22	PDK	WS	H/H	46	PDE	IS4	H/H	1	PDK	IS2	H/H	1	PDE	WS	V/V	4	PDK	2012-01-08 12:10:06	H	320
PDK	IS2	V/V	24					PDE	IS4	H/V	2	PDK	IS6	H/H	2	PDK	WS	H/H	14	PDK	2012-01-08 13:50:20	V	320
								PDE	IS7	H/H	1					PDK	WS	V/V	1				
								PDK	IS1	V/H	2												

## 1.2 - Lists of products used

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[TXT] [XLS] [List\\_WVS\\_products\\_used](#)  
 [TXT] [XLS] [List\\_GM1\\_products\\_used](#)  
 [TXT] [XLS] [List\\_APM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_IMM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_WSM\\_products\\_used](#)  
 [TXT] [XLS] [List\\_MS\\_products\\_used](#)

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

### 2.2 - Products with wrong ADFs

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

[TXT] [XLS] [Check\\_ADFs\\_WVS](#)  
 [TXT] [XLS] [Check\\_ADFs\\_GM1](#)  
 [TXT] [XLS] [Check\\_ADFs\\_APM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_IMM](#)  
 [TXT] [XLS] [Check\\_ADFs\\_WSM](#)

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE

Pre-launch reference (2001-02-09)

Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2012-01-08 13:50:20 V



PREVIOUS PRODUCT REFERENCE

Previous product in the same polarisation

Reference: 2012-01-07 14:27:05 V RxGain  
 Test : 2012-01-08 13:50:20 V

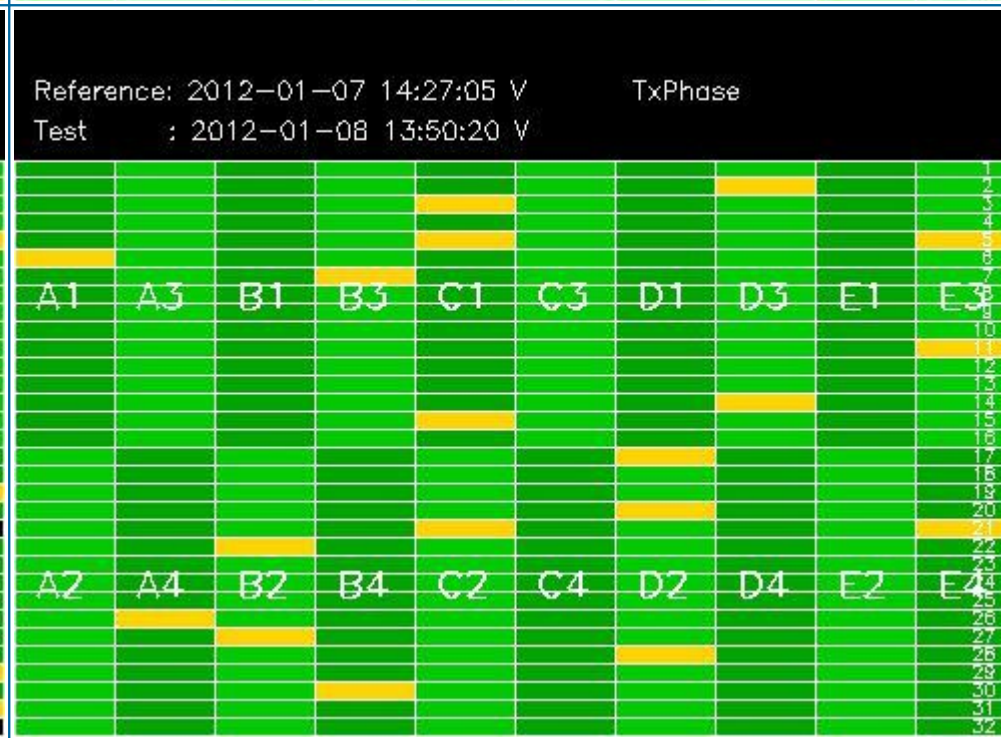
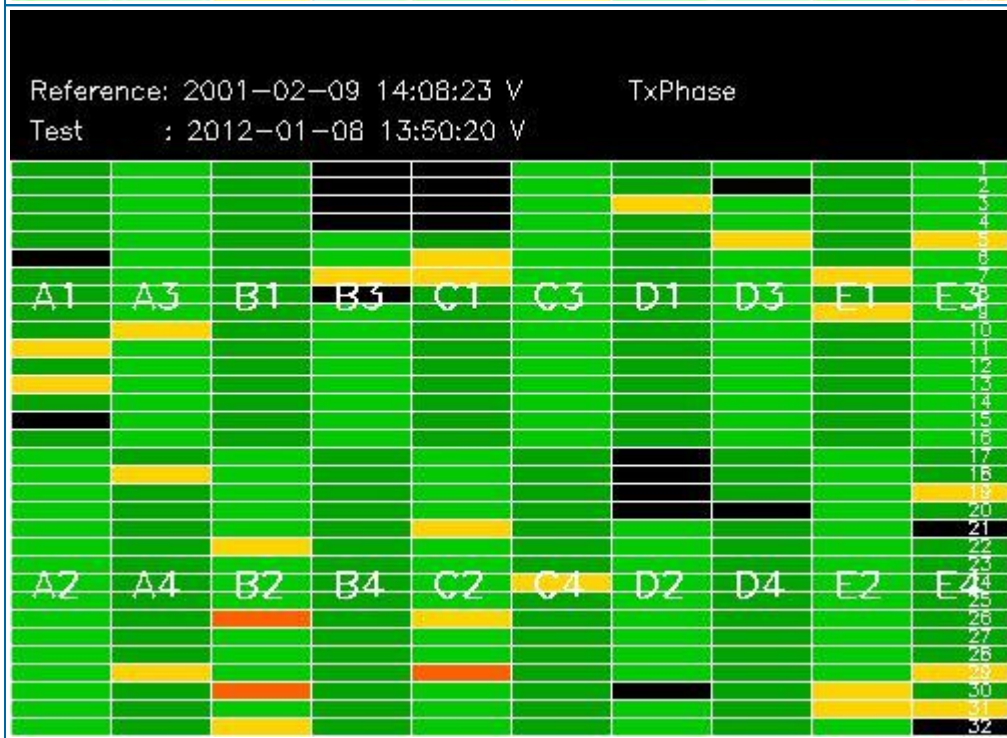
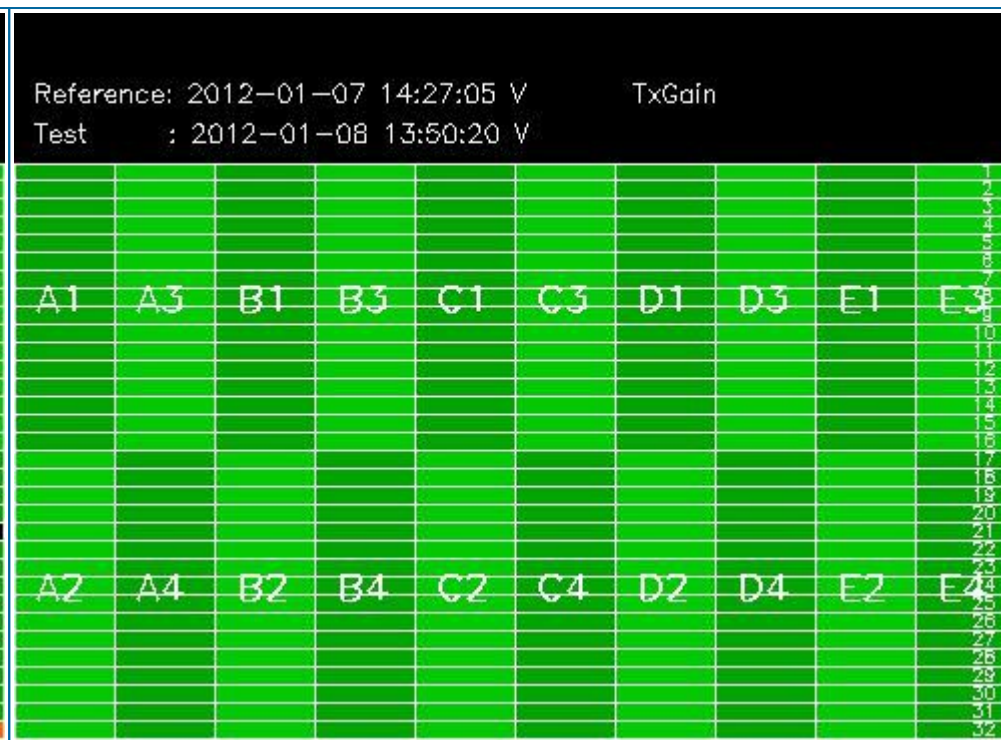
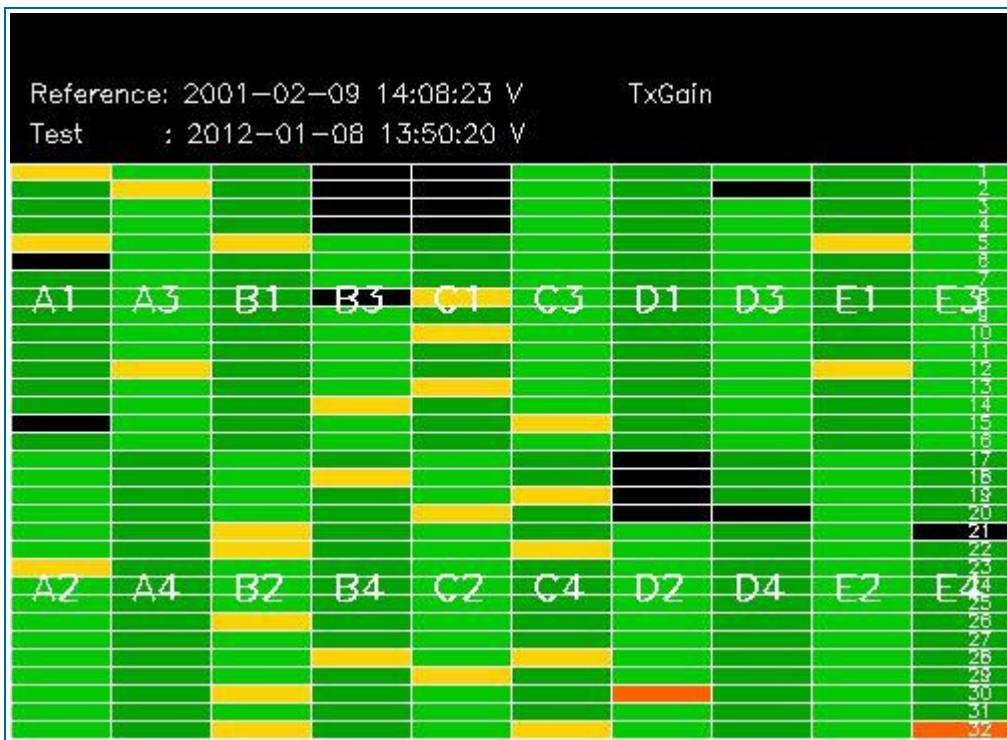


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2012-01-08 13:50:20 V



Reference: 2012-01-07 14:27:05 V RxPhase  
 Test : 2012-01-08 13:50:20 V



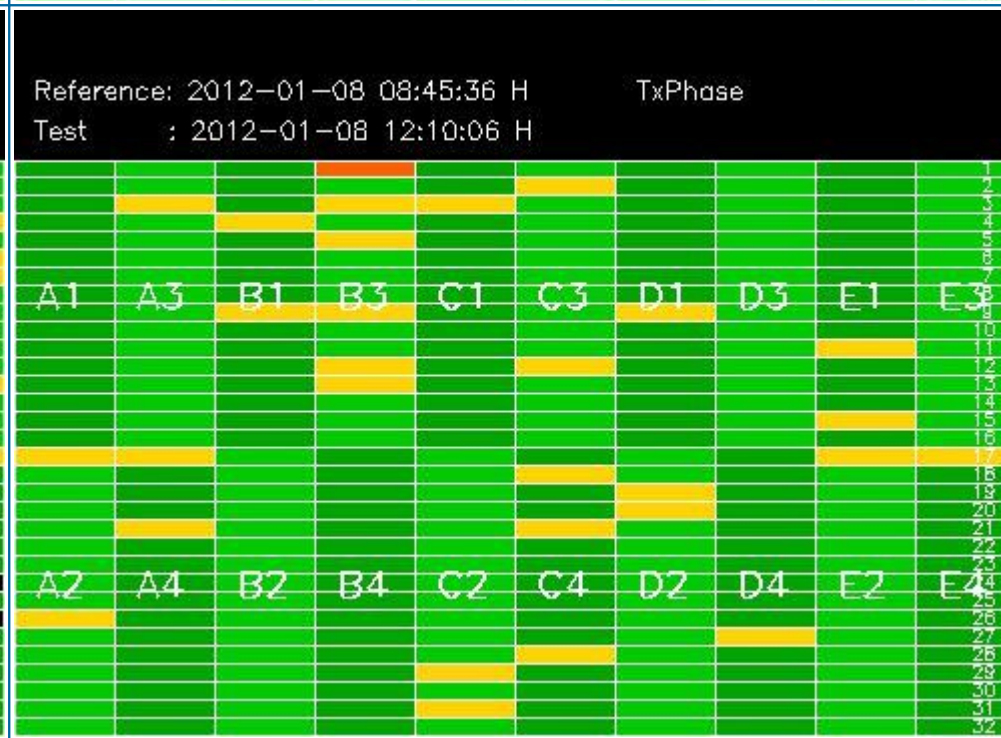
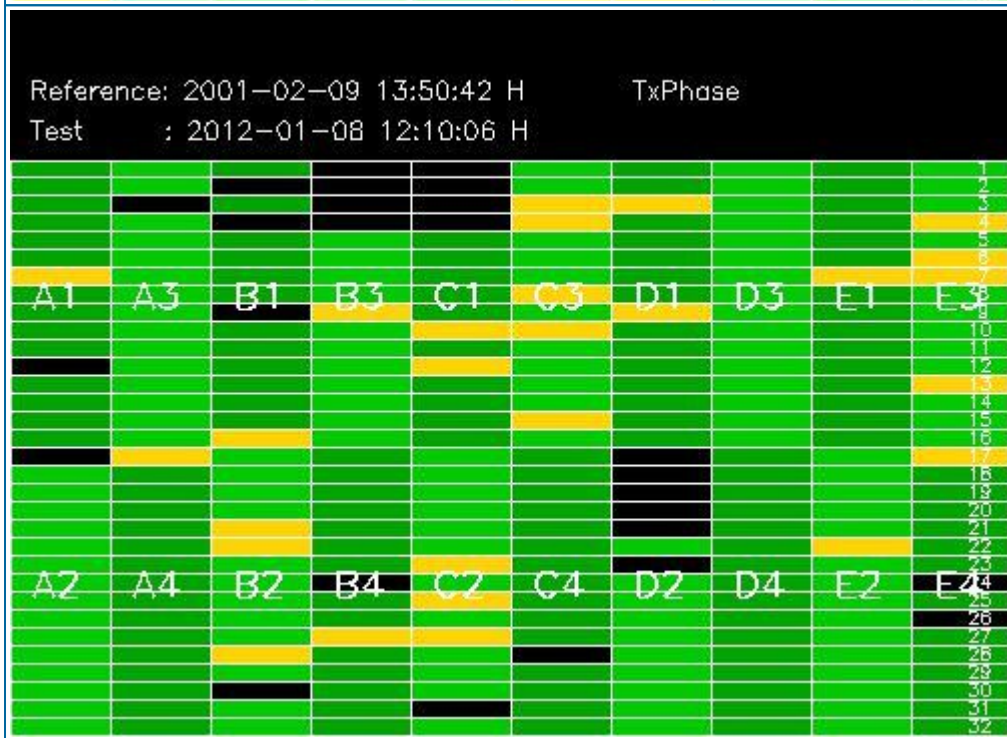
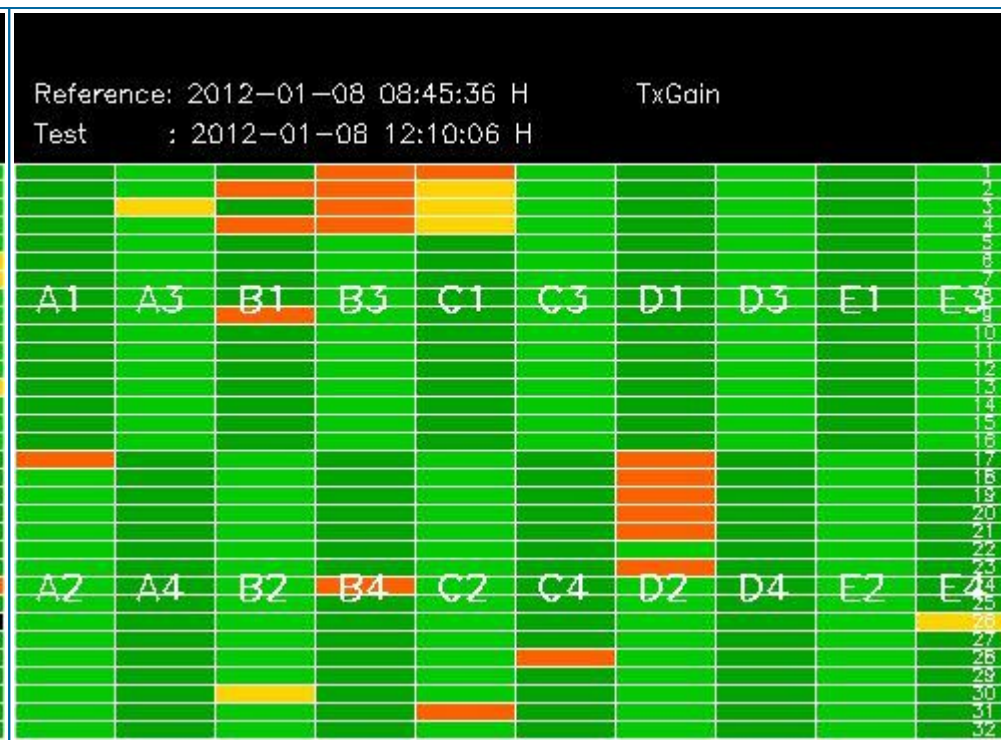
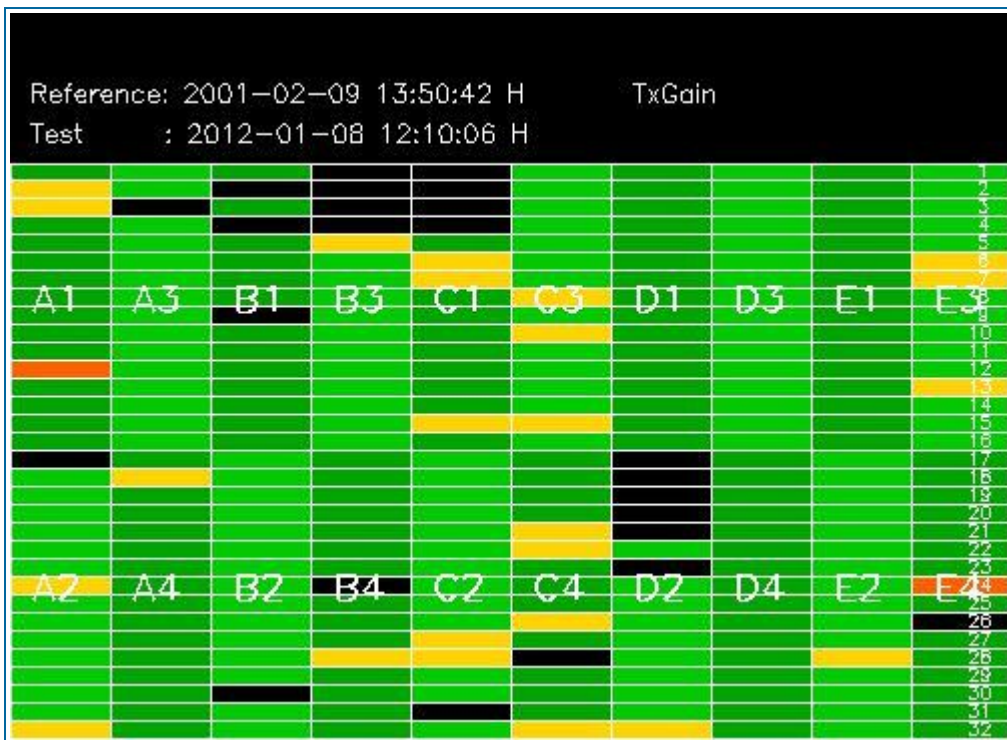


### 3.2 - H/H polarisation

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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

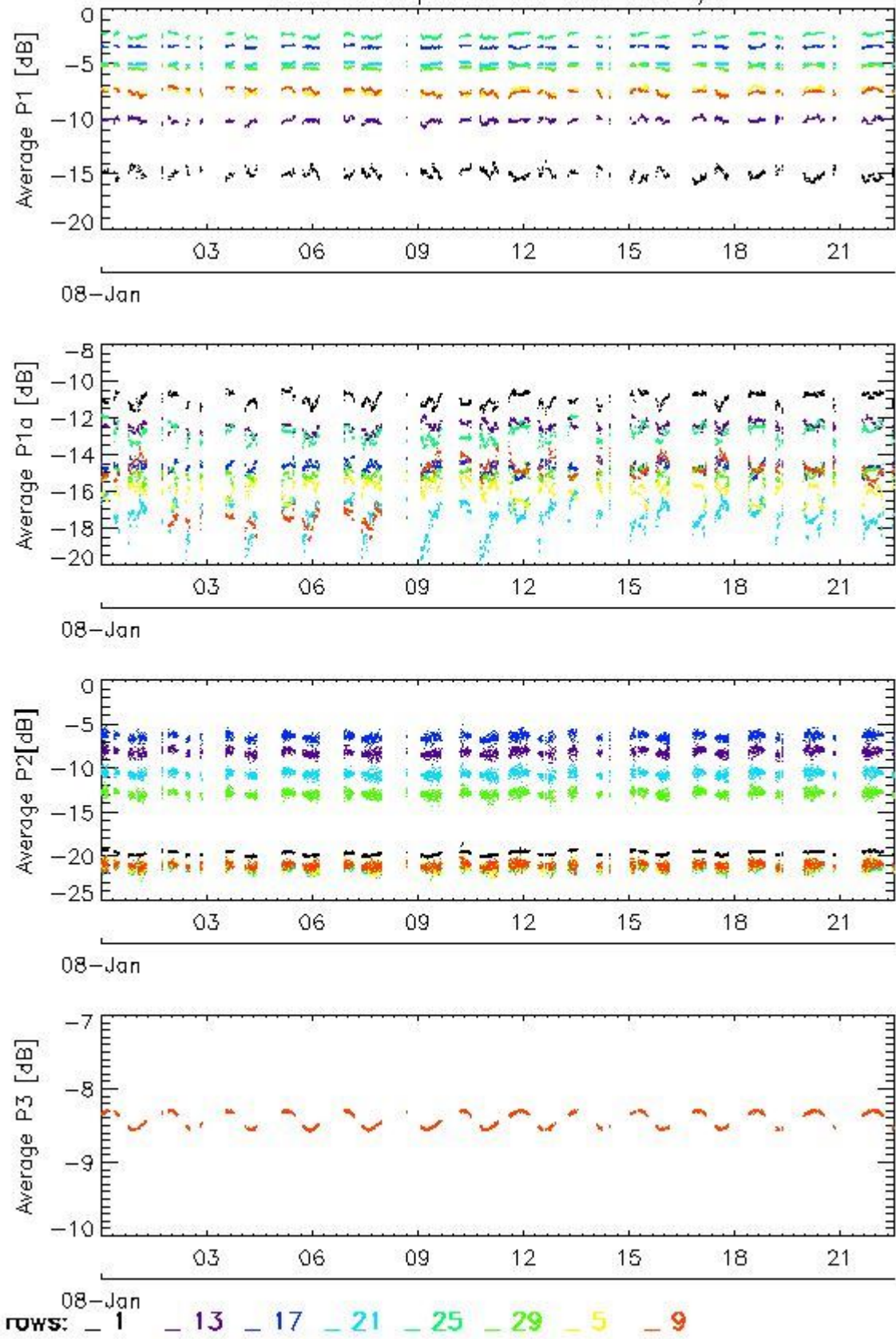
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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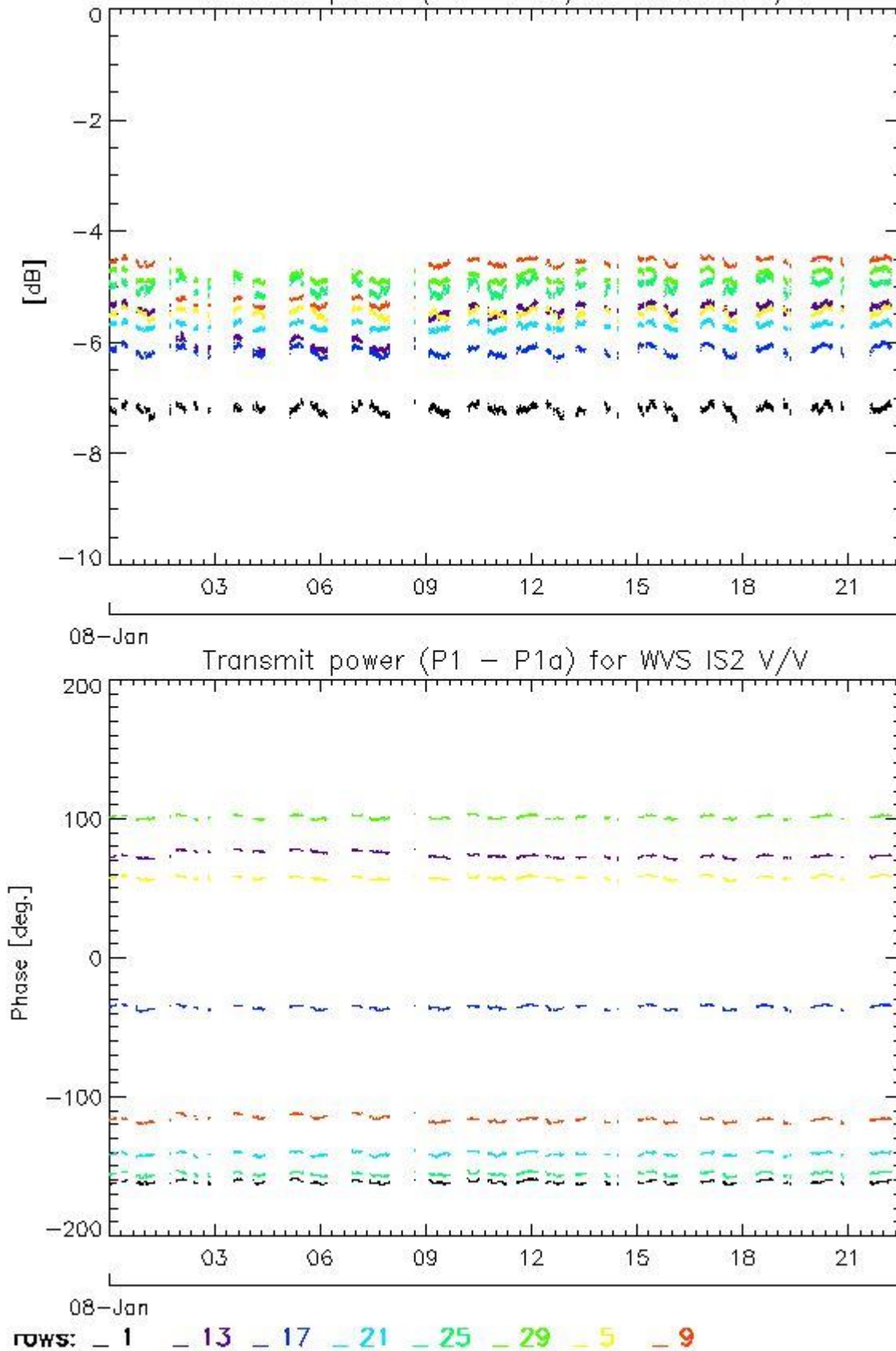
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



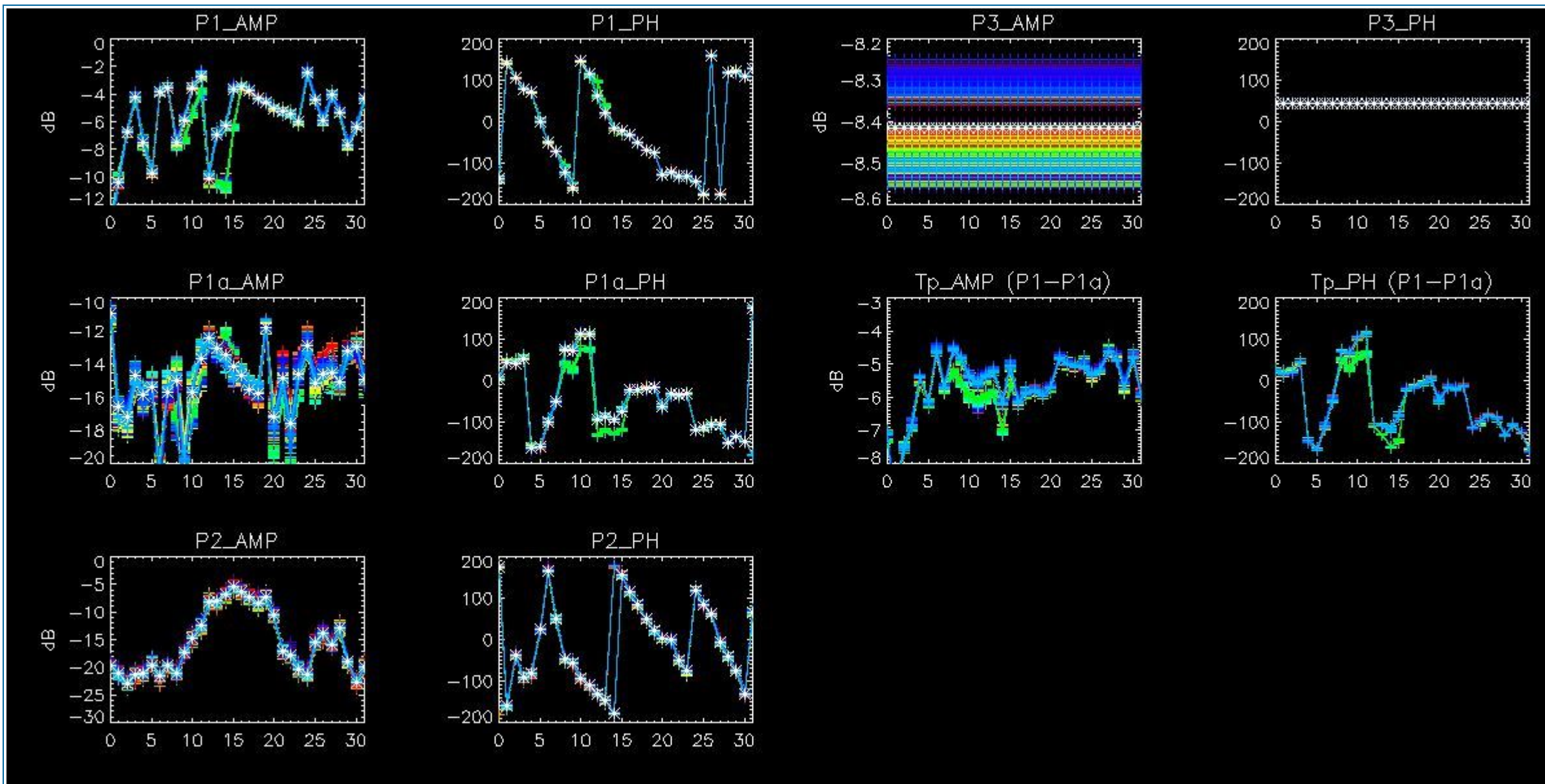
Transmit power (P1 - P1a) for WVS IS2 V/V



#### 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

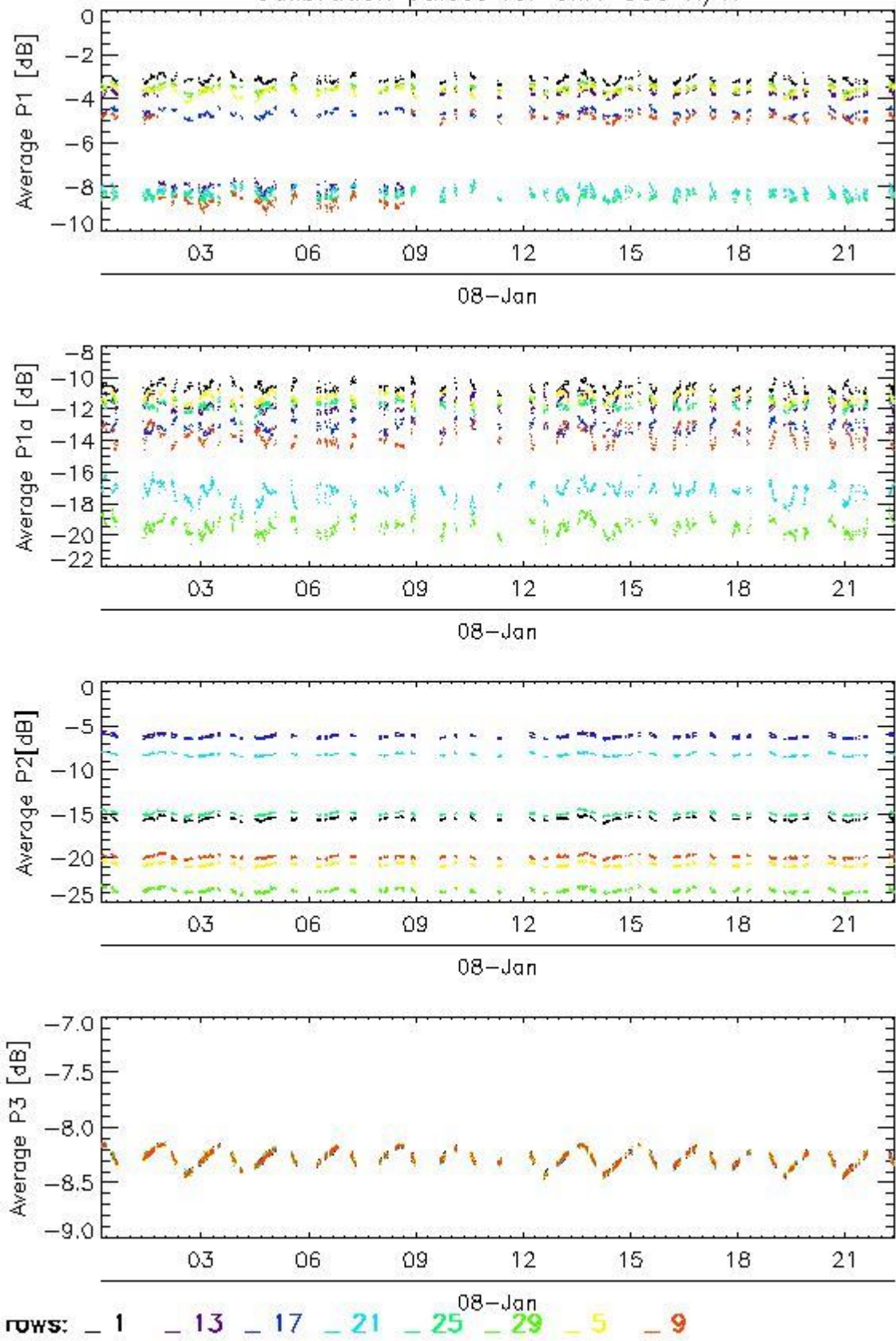
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

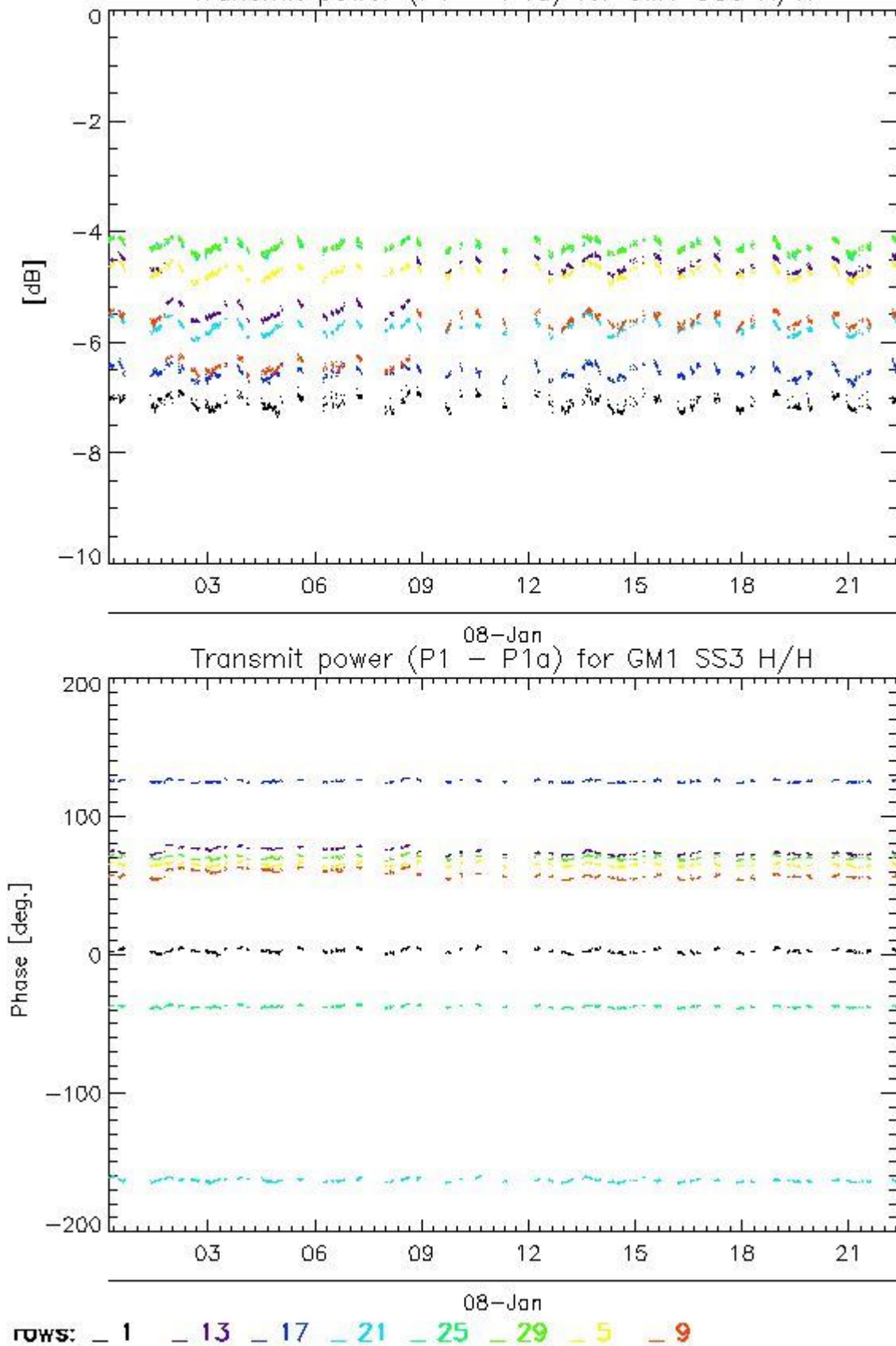
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H

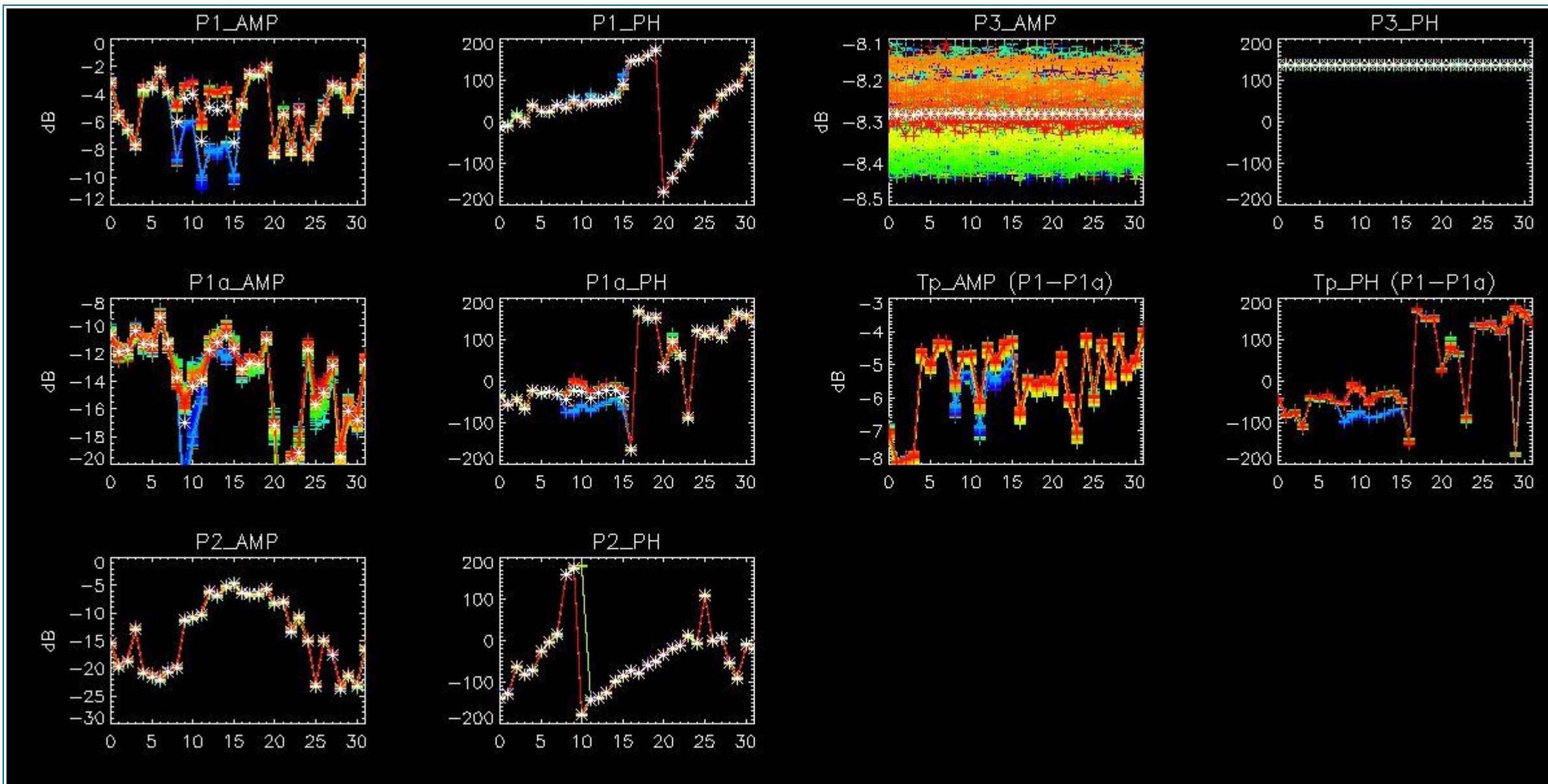


Transmit power (P1 - P1a) for GM1 SS3 H/H



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

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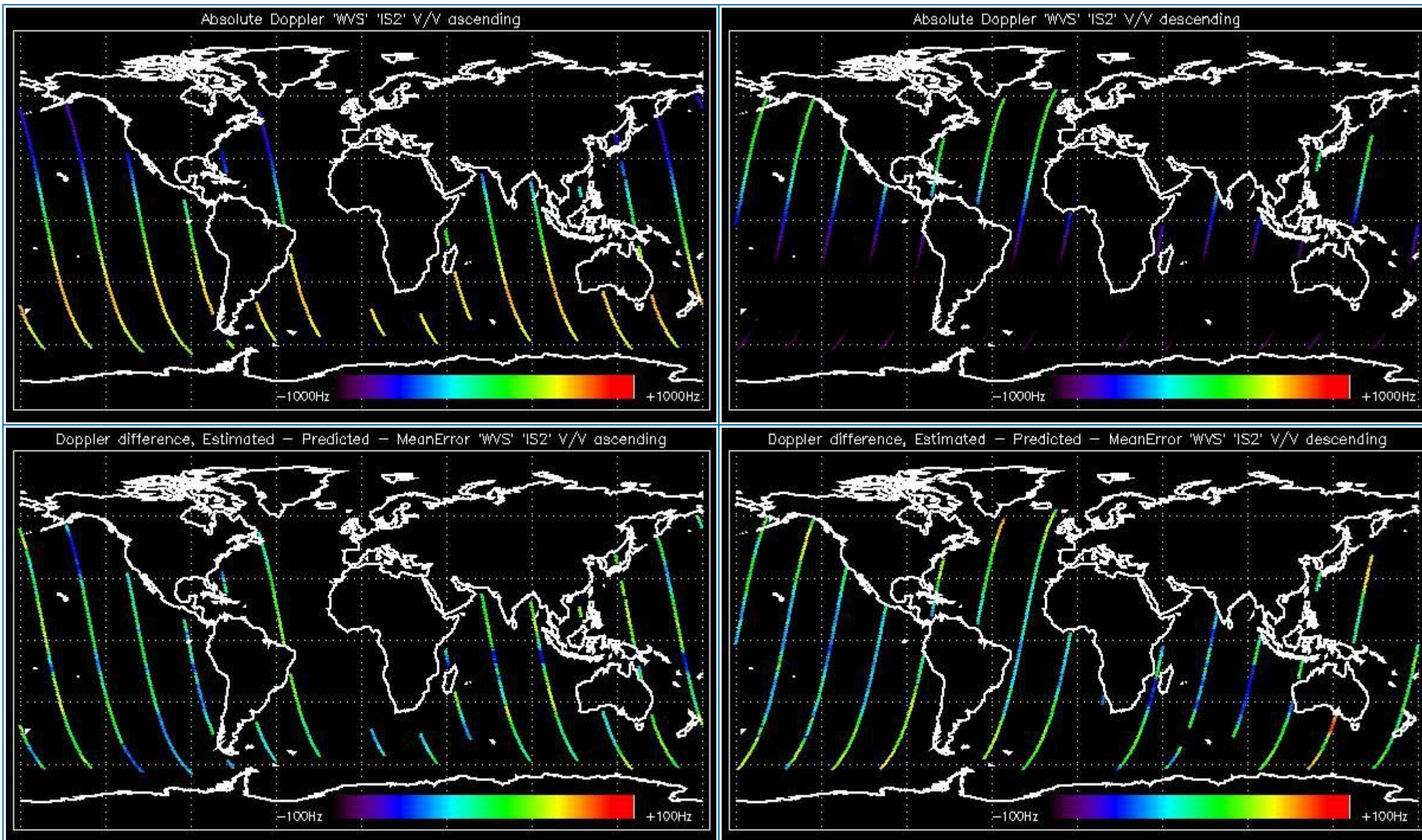
## 5 - DOPPLER ANALYSIS

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

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

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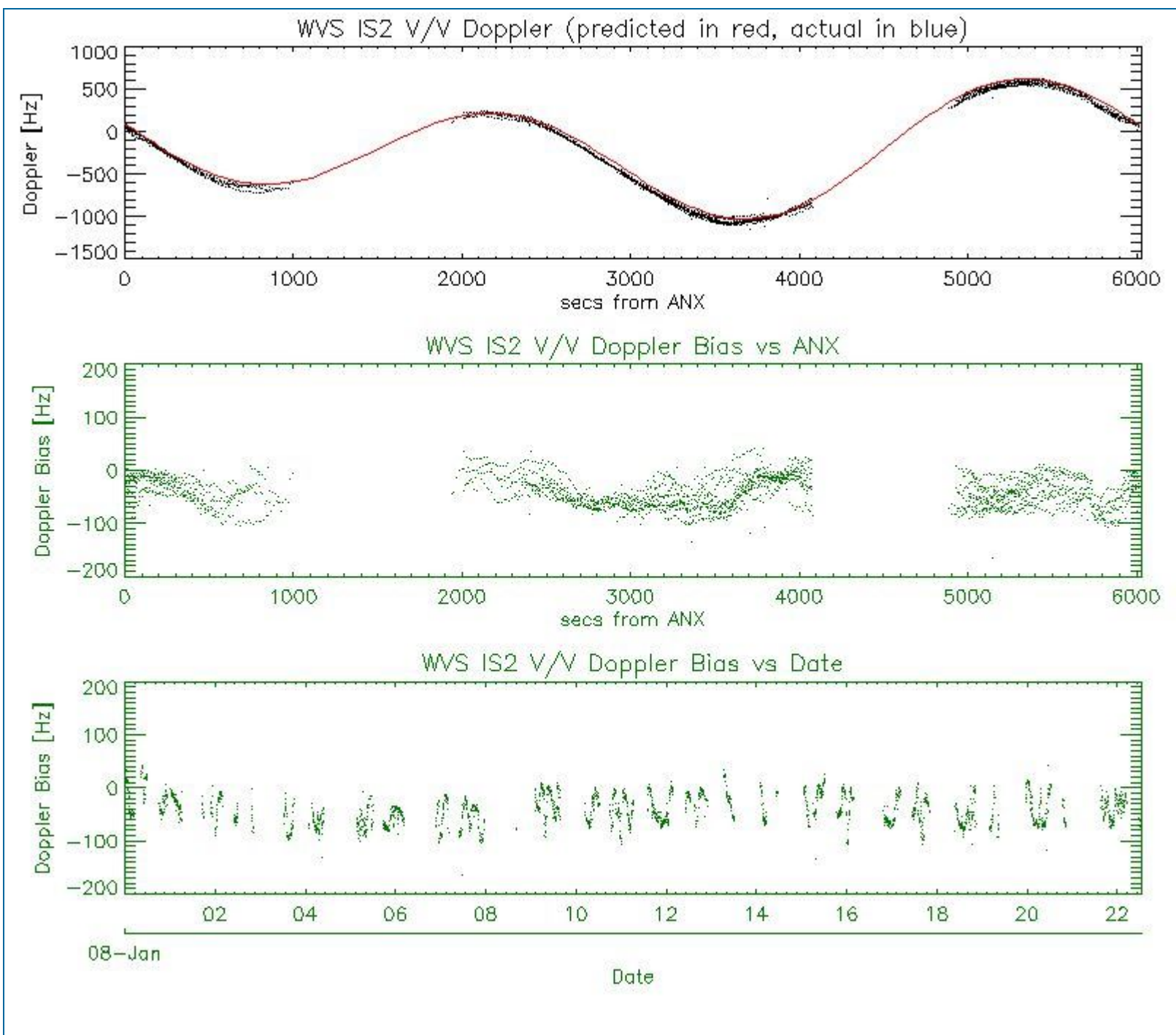




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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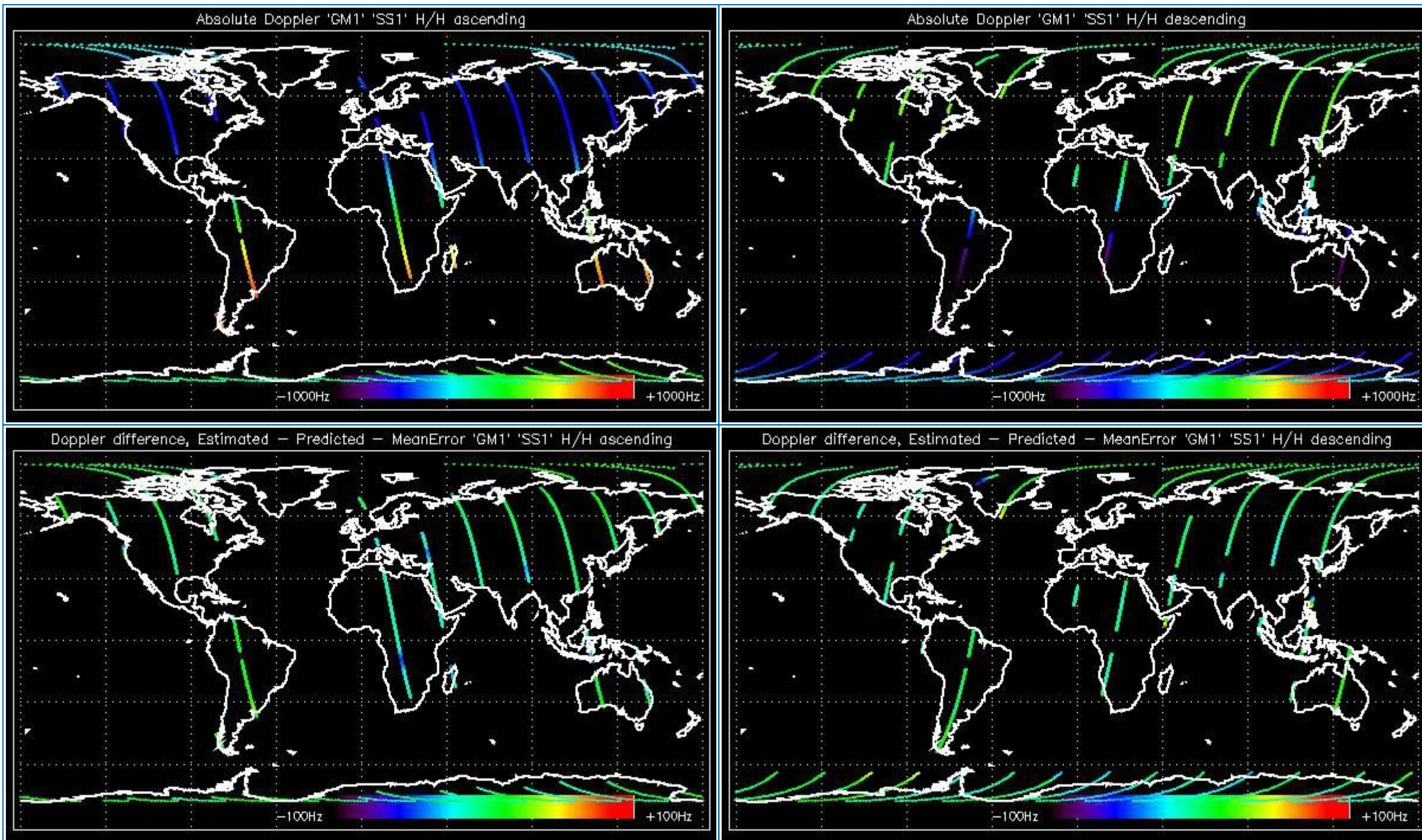


## 5.2 - Analysis for GM1 SS1 H/H

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

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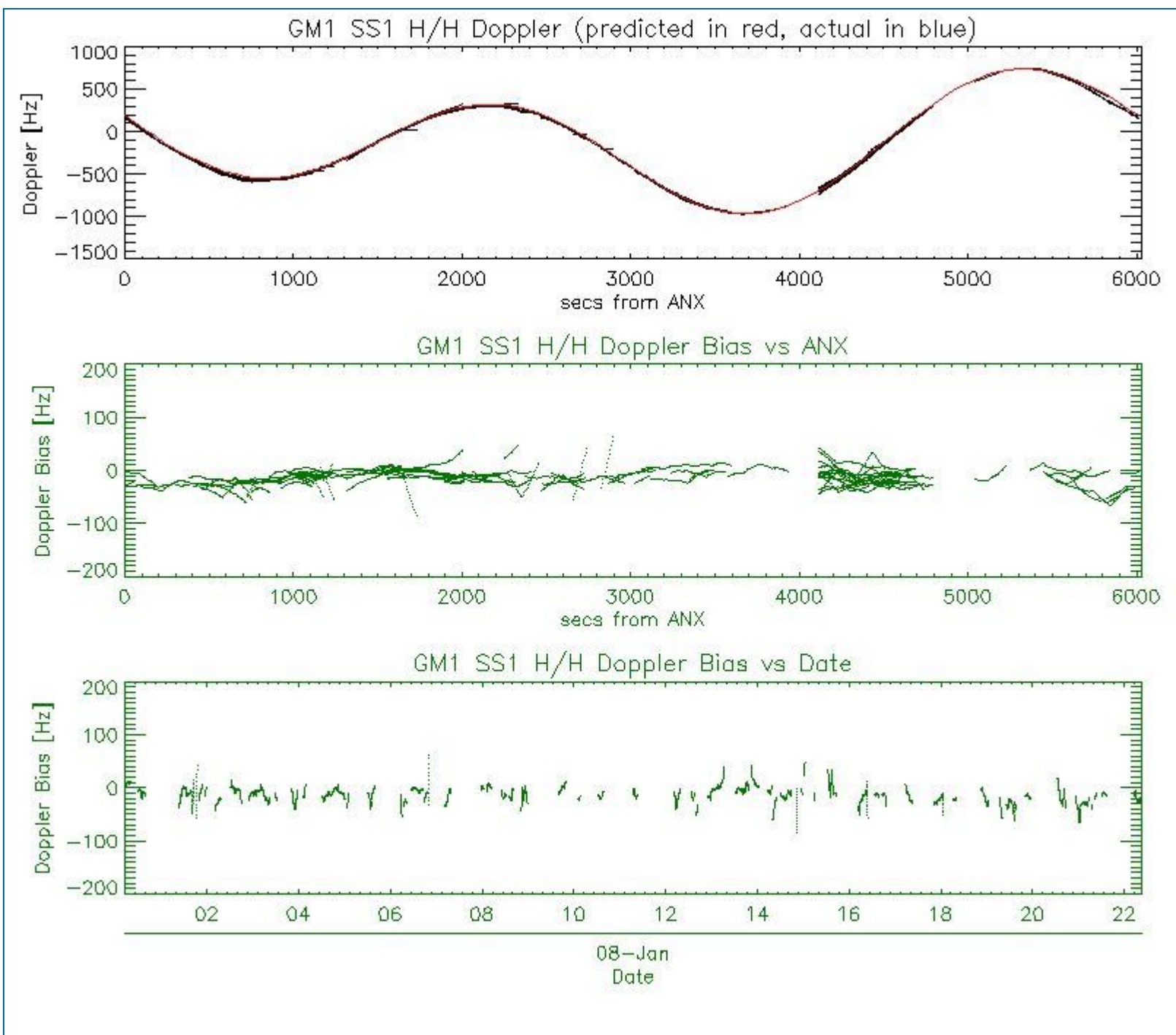




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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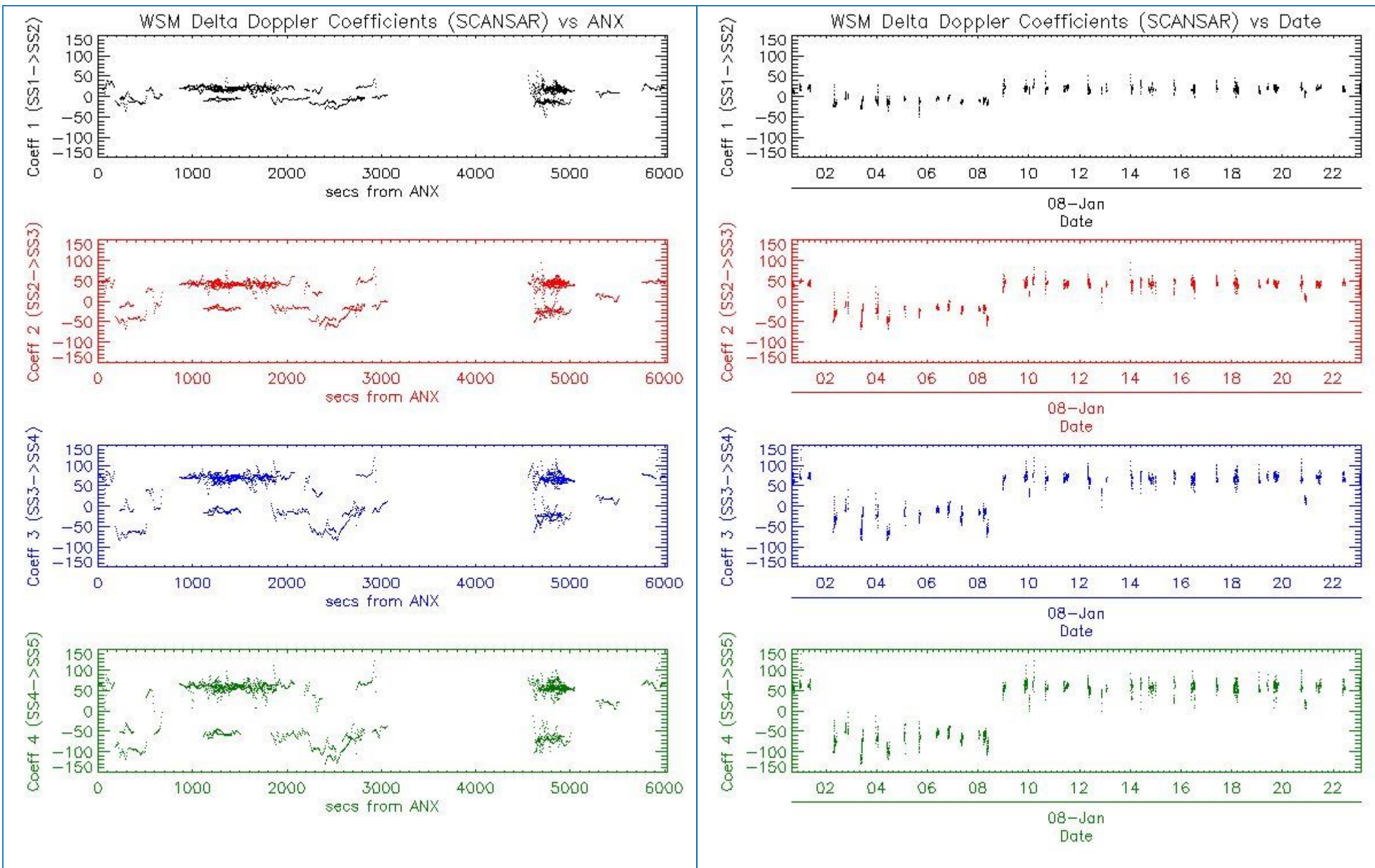




### 5.3 - Doppler JUMPS Analysis for WSM

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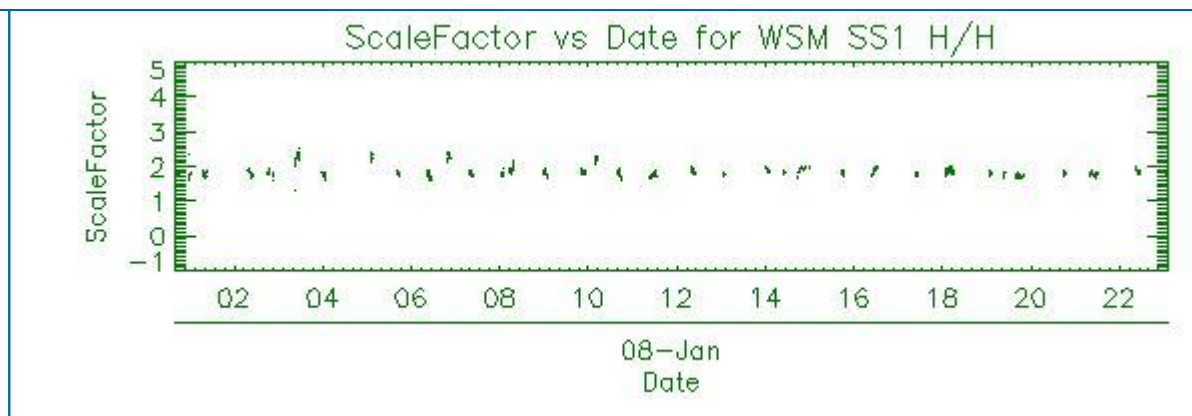
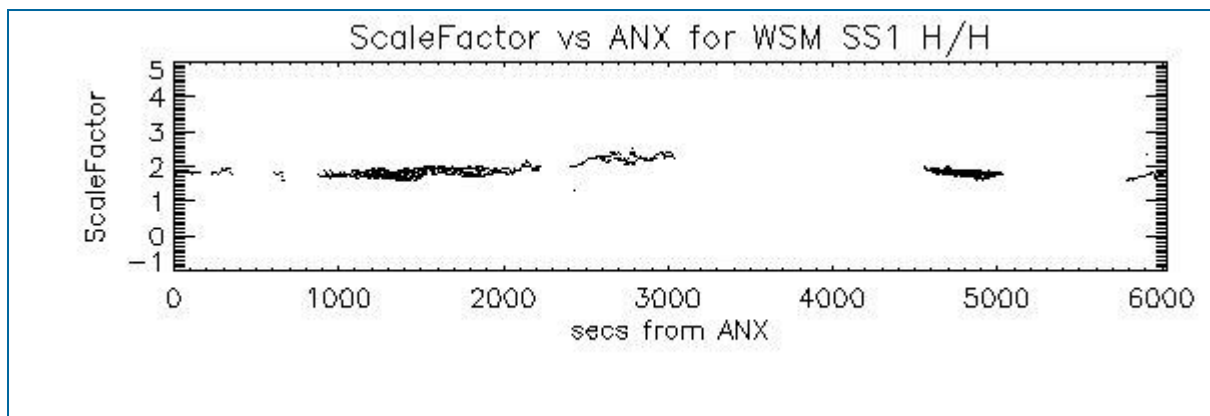
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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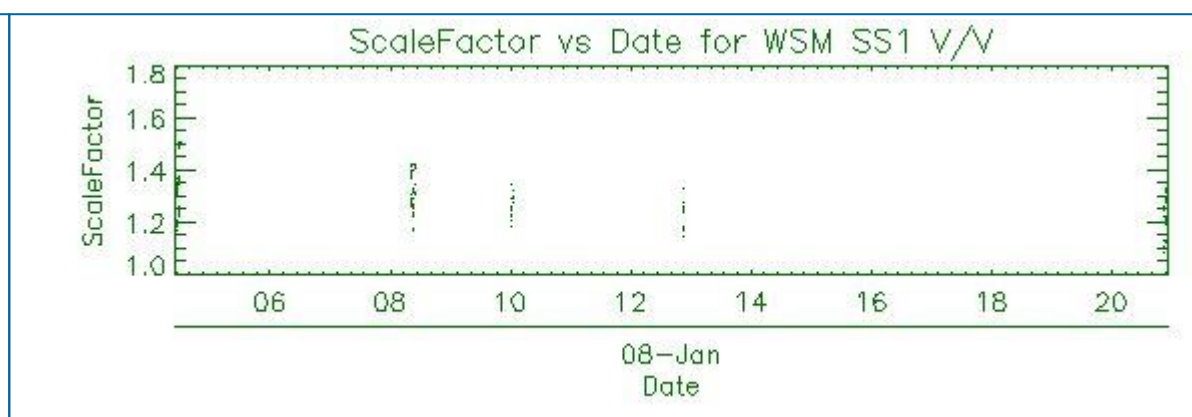
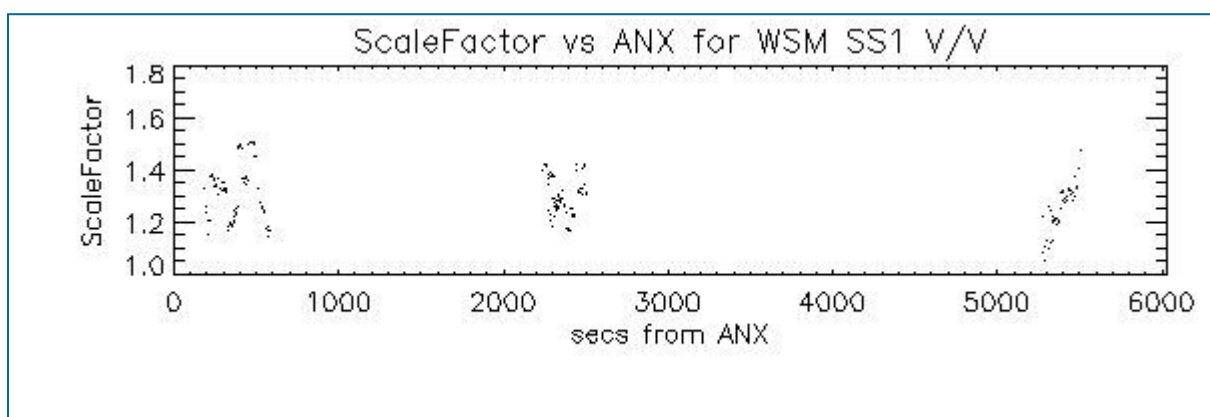




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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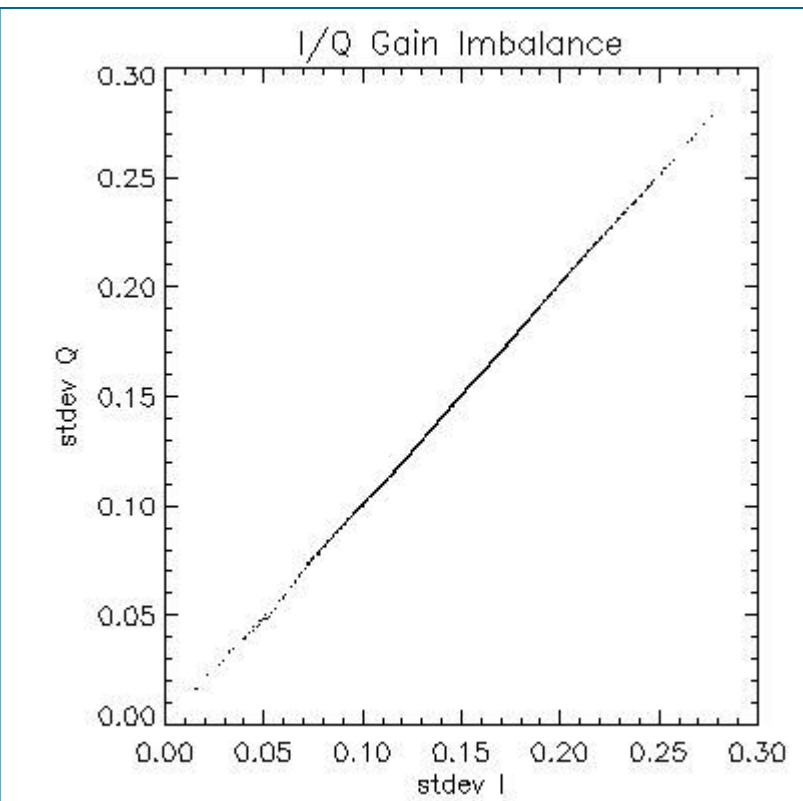
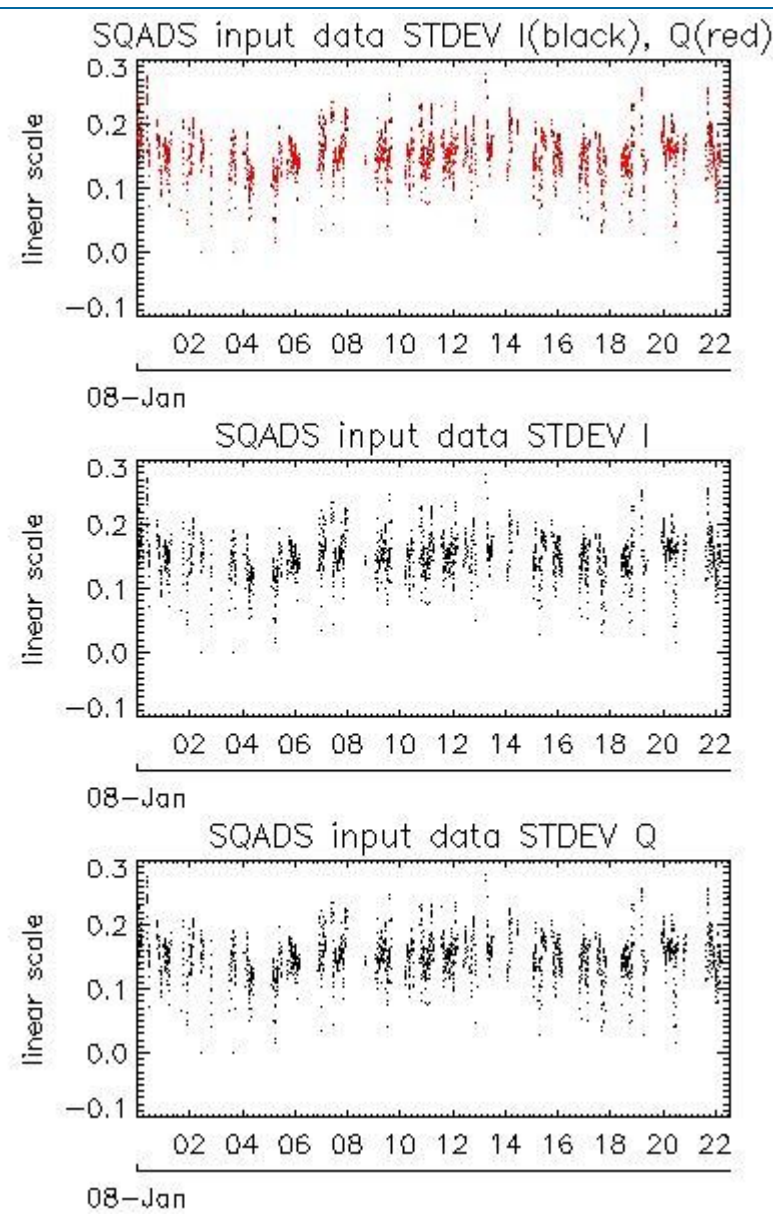
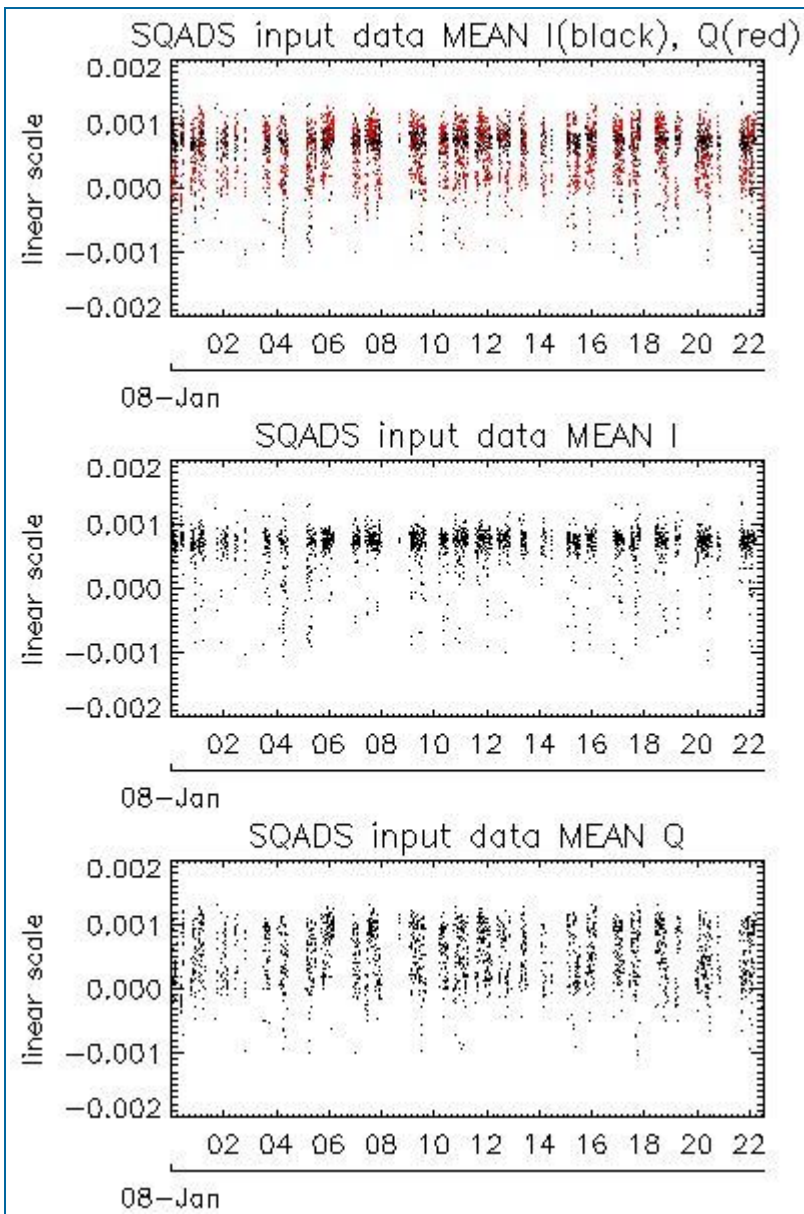
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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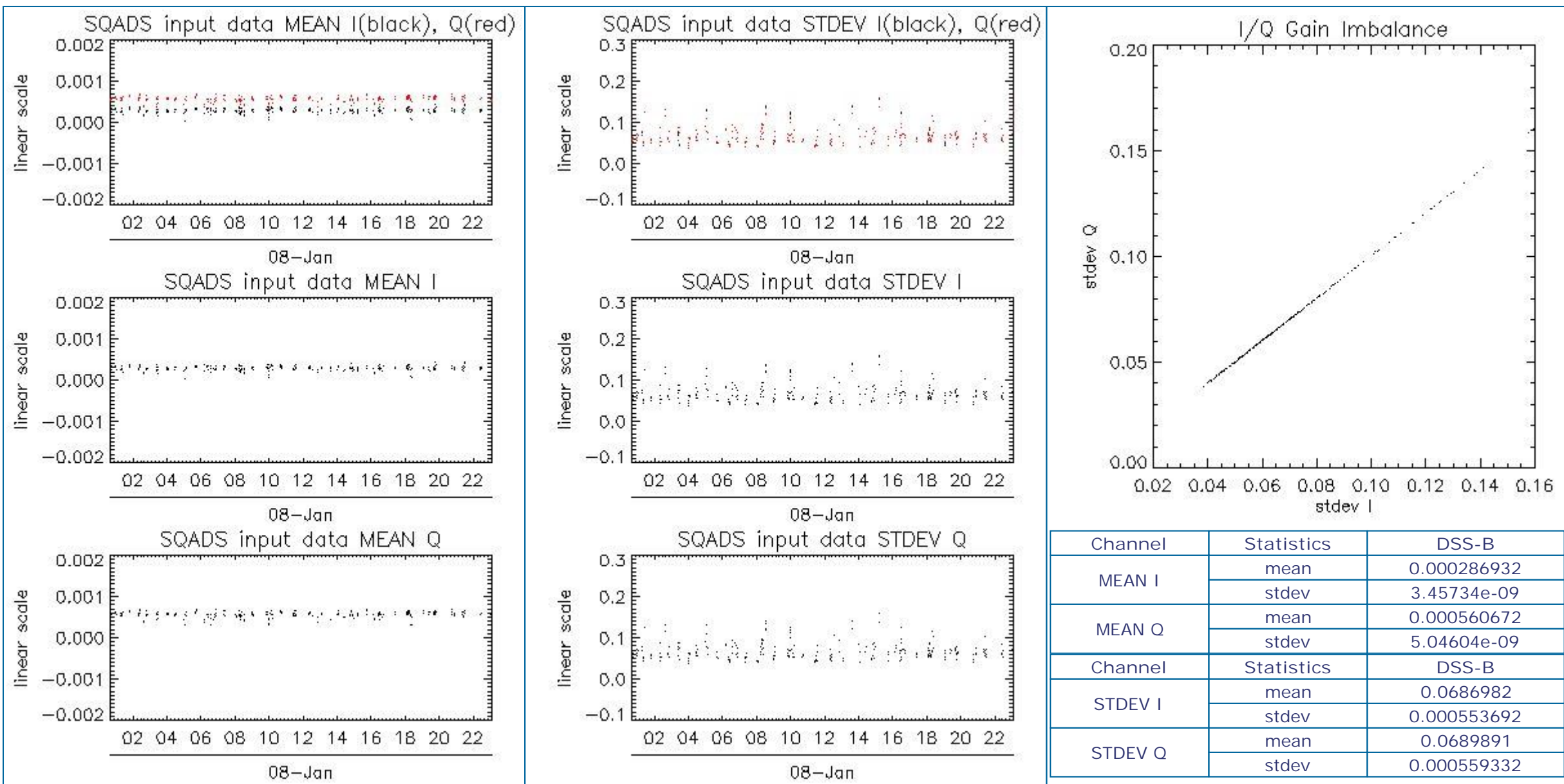


Channel	Statistics	DSS-B
MEAN I	mean	0.000647565
	stdev	1.20088e-07
MEAN Q	mean	0.000522942
	stdev	1.95548e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150919
	stdev	0.00118452
STDEV Q	mean	0.151474
	stdev	0.00121085

## 7.2 - Analysis for IMM

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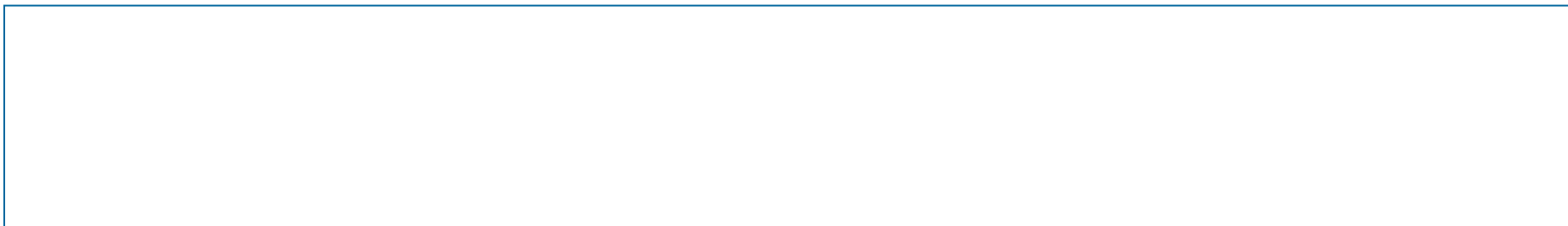


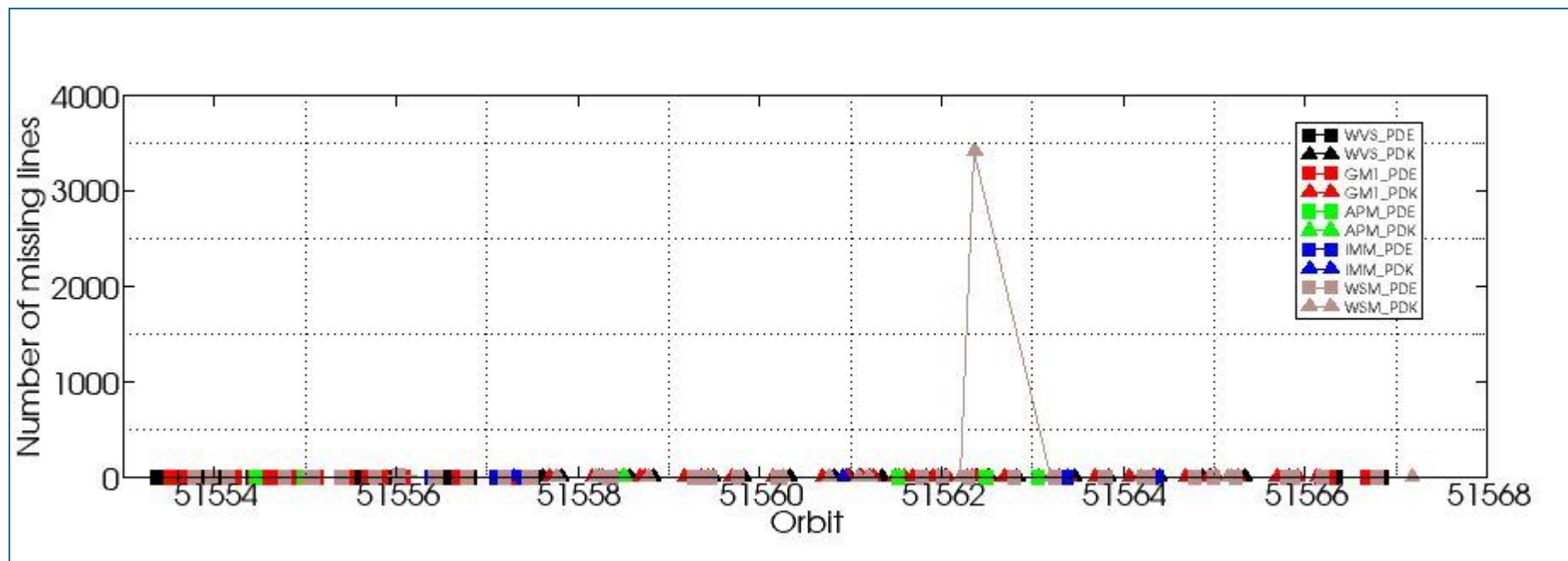
## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120108_004528_000003753110_00246_51553_7644.N1	1	0
PDE	ASA_WVS_1PNPDE20120108_050817_000009143110_00249_51556_7740.N1	1	0
PDE	ASA_WVS_1PNPDE20120108_065319_000005993110_00250_51557_7784.N1	1	0
PDE	ASA_WVS_1PNPDE20120108_222836_000002103110_00259_51566_7917.N1	1	0
PDK	ASA_WVS_1PNPDK20120108_124209_000005253110_00253_51560_3381.N1	0	8
PDE	ASA_WSM_1PNPDE20120108_042508_000003363110_00249_51556_7737.N1	0	18
PDK	ASA_WSM_1PNPDK20120108_145955_000000613110_00255_51562_3433.N1	12	3415

### 8.1 - Number of Missing lines

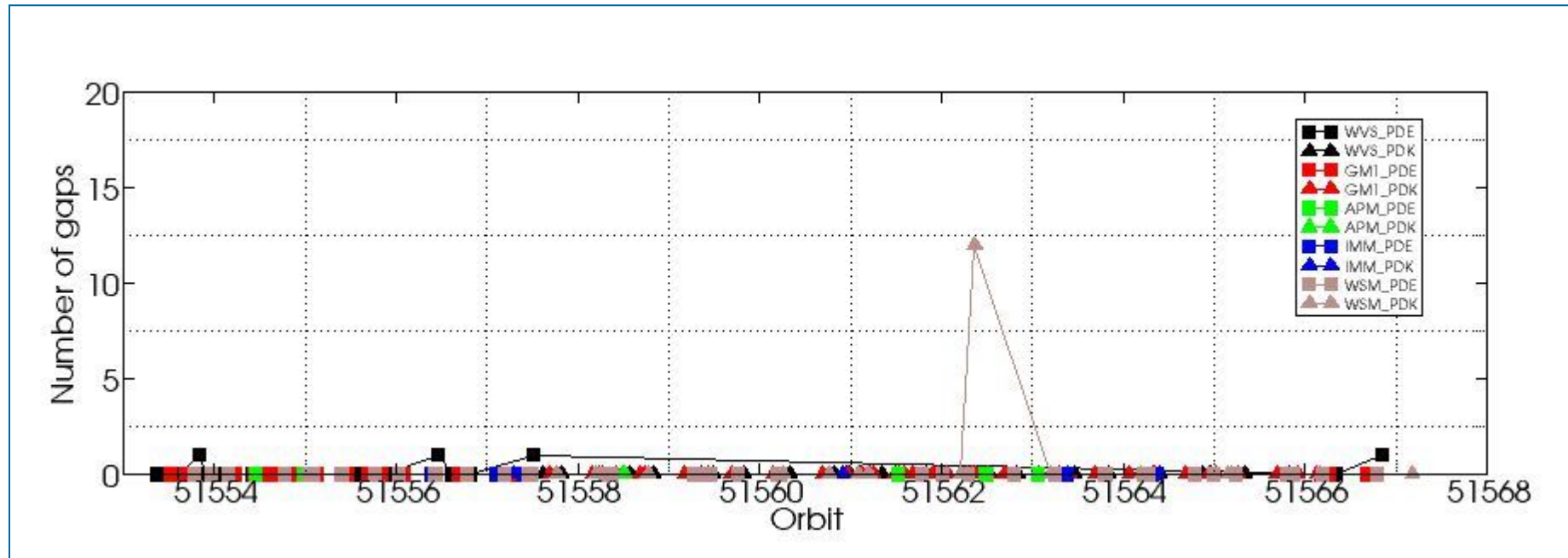
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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 120108  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-01-08 00:00:00

Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120108/

DATA SUMMARY  
#####  
Summary will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120108/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120108/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120108/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120108/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120108/AUXILIARY...

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



ADF filter 20120108\*current\_3\_IECF\_ADFs.txt  
 Found list 20120108\_030000\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

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

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120108_002127_000004653110_00246_51553_7636.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_004528_000003753110_00246_51553_7644.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_005058_000003443110_00246_51553_7666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_010100_000008993110_00246_51553_7667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_014240_000001343110_00247_51554_7670.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_015435_000001343110_00247_51554_7672.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_020004_000005703110_00247_51554_7683.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_022504_000001043110_00247_51554_7684.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_022604_000002553110_00247_51554_7701.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_024808_000001643110_00248_51555_7702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_033123_000005993110_00248_51555_7706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_034053_000002553110_00248_51555_7734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_040413_000000603110_00248_51555_7733.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_040903_000009293110_00248_51555_7738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_050817_000009143110_00249_51556_7740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_052317_000000453110_00249_51556_7771.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_052651_000001803110_00249_51556_7772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_054337_0000016493110_00249_51556_7783.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_065319_000005993110_00250_51557_7784.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_213757_0000020543110_00259_51566_7919.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120108_222836_000002103110_00259_51566_7917.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_070304_000004353110_00250_51557_3275.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_072404_000020393110_00250_51557_3278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_084018_000000593110_00251_51558_3312.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_090456_000020693110_00251_51558_3315.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_101156_000011243110_00252_51559_3345.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_104502_000018893110_00252_51559_3348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_113522_000020393110_00253_51560_3376.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_122530_000004353110_00253_51560_3378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_123741_000001043110_00253_51560_3377.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_124209_000005253110_00253_51560_3381.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_125329_000000593110_00254_51561_3384.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_131648_000008543110_00254_51561_3409.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_140530_000004803110_00254_51561_3411.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_142627_000000743110_00255_51562_3415.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_150231_000004643110_00255_51562_3437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_151534_000009453110_00255_51562_3440.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_154656_000013043110_00255_51562_3442.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_164910_000013493110_00256_51563_3465.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_172710_000013643110_00256_51563_3468.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_182403_000016643110_00257_51564_3486.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_191023_000003903110_00257_51564_3488.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_192033_000001193110_00257_51564_3491.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_195750_000020543110_00258_51565_3510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120108_204718_000002403110_00258_51565_3515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20120108_001235_000005313110_00246_51553_7633.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_003002_000005793110_00246_51553_7639.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_012335_000011423110_00247_51554_7669.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_014552_00000903110_00247_51554_7668.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_014928_000003023110_00247_51554_7671.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_015730_000001503110_00247_51554_7673.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_021012_000005013110_00247_51554_7682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_023106_000000663110_00247_51554_7698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_023221_000003983110_00247_51554_7699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_024004_000002953110_00247_51554_7700.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_025511_000016013110_00248_51555_7703.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_032901_000001383110_00248_51555_7707.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_035031_000004893110_00248_51555_7735.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_040551_000001873110_00248_51555_7736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_043048_000017943110_00249_51556_7739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_050311_000001143110_00249_51556_7741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_053042_000005553110_00249_51556_7774.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_061310_000001083110_00250_51557_7773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_061746_000001873110_00250_51557_7775.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_062741_000002833110_00250_51557_7776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_063536_000004163110_00250_51557_7777.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_064342_000002413110_00250_51557_7778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_064924_000000783110_00250_51557_7787.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_212206_000000963110_00259_51566_7914.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_213025_000004473110_00259_51566_7916.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120108_221303_000005863110_00259_51566_7918.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_071054_000005133110_00250_51557_3276.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_075845_000001873110_00251_51558_3277.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_080610_000002293110_00251_51558_3279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_080845_000002593110_00251_51558_3307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_082445_000004043110_00251_51558_3309.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_083432_000003443110_00251_51558_3310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_085111_000003203110_00251_51558_3311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_085621_000001813110_00251_51558_3313.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_094008_000005493110_00252_51559_3314.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_100539_000001633110_00252_51559_3340.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_103127_000004833110_00252_51559_3346.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_111715_000003503110_00253_51560_3347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_121138_000004343110_00253_51560_3379.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_123412_000002053110_00253_51560_3380.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_124007_000001143110_00253_51560_3382.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_125519_000004773110_00254_51561_3383.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_130510_000002833110_00254_51561_3385.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_130843_000004833110_00254_51561_3405.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_133152_000002293110_00254_51561_3406.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_133718_000003203110_00254_51561_3407.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_134248_000003683110_00254_51561_3408.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_135153_000005733110_00254_51561_3410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_141406_000002833110_00254_51561_3412.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_142009_000002653110_00254_51561_3413.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_142953_000008583110_00255_51562_3414.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_145047_000000963110_00255_51562_3435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_145753_000000723110_00255_51562_3434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_150059_000000843110_00255_51562_3436.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_151350_000000963110_00255_51562_3438.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_153206_000006833110_00255_51562_3441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_161125_000007733110_00256_51563_3443.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_162305_000000843110_00256_51563_3462.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_163334_000003563110_00256_51563_3463.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_164322_000003443110_00256_51563_3464.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_171220_000006833110_00256_51563_3466.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_175043_000007793110_00257_51564_3467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20120108_180231_000000663110_00257_51564_3483.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_181535_000001143110_00257_51564_3484.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_181906_000000903110_00257_51564_3485.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_185234_000006283110_00257_51564_3489.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_191734_000001753110_00257_51564_3487.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_192548_000007673110_00258_51565_3490.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_195013_000004533110_00258_51565_3509.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_203248_000006283110_00258_51565_3511.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_205620_000010453110_00258_51565_3512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120108_211657_000000663110_00259_51566_3516.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20120108_014730_000000993110_00247_51554_7665.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_023901_000000453110_00247_51554_7686.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_133544_000000743110_00254_51561_7883.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_151058_000000433110_00255_51562_7886.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_151245_000000403110_00255_51562_7888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_160912_000001143110_00256_51563_7889.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_163931_000000583110_00256_51563_7897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120108_181731_000000753110_00257_51564_7905.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120108_083130_000000433110_00251_51558_3306.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120108_083328_000000433110_00251_51558_3308.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_IMM.txt...

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ASA_IMM_1PNPDE20120108_050042_000001363110_00249_51556_7730.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120108_061150_000000673110_00250_51557_7765.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120108_064230_000000583110_00250_51557_7768.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120108_095753_000000383110_00252_51559_7832.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120108_164131_000000973110_00256_51563_7896.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120108_182041_000001813110_00257_51564_7906.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120108_063221_000001843110_00250_51557_3262.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120108_095744_000001423110_00252_51559_3323.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120108_123323_000000373110_00253_51560_3393.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_120108/AUXILIARY/Check\_ADFs\_WSM.txt...

```
ASA_WSM_1PNPDE20120108_003943_000003493110_00246_51553_7628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_005729_000002143110_00246_51553_7648.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_011647_000004043110_00247_51554_7664.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7674.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7687.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_024538_000001533110_00248_51555_7694.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_025142_000000923110_00248_51555_7695.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_032154_000004283110_00248_51555_7697.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_035842_000003303110_00248_51555_7732.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_042508_000003363110_00249_51556_7737.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_050512_000001533110_00249_51556_7731.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_053959_000002203110_00249_51556_7766.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDE20120108_062054_000004043110_00250_51557_7767.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_064748_000000923110_00250_51557_7769.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_065050_000001533110_00250_51557_7770.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_081305_000002263110_00251_51558_7807.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_081653_000001773110_00251_51558_7808.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_081954_000002883110_00251_51558_7813.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_094921_000002513110_00252_51559_7830.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_095345_000002263110_00252_51559_7831.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_100038_000001103110_00252_51559_7833.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_100827_000002083110_00252_51559_7834.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_103931_000003303110_00252_51559_7859.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_112308_000001043110_00253_51560_7858.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_112546_000001593110_00253_51560_7850.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_140130_000002393110_00254_51561_7884.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_142437_000001103110_00255_51562_7885.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_145230_000001533110_00255_51562_7887.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_154331_000001903110_00255_51562_7882.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_162743_000003433110_00256_51563_7895.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_172343_000001903110_00256_51563_7894.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_180710_000002693110_00257_51564_7902.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_181154_000002143110_00257_51564_7904.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_190316_000002203110_00257_51564_7903.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_192312_000001533110_00257_51564_7907.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_194658_000001903110_00258_51565_7925.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_204331_000002263110_00258_51565_7912.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_205205_000002513110_00258_51565_7913.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_212349_000003923110_00259_51566_7927.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120108_222250_000003493110_00259_51566_7915.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_071933_000002753110_00250_51557_3285.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_080154_000002513110_00251_51558_3287.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_085925_000003303110_00251_51558_3322.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_112905_000003493110_00253_51560_3355.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_121858_000003923110_00253_51560_3392.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_125143_000000923110_00254_51561_3395.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_130321_000001043110_00254_51561_3394.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_144414_000003733110_00255_51562_3422.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_145955_000000613110_00255_51562_3433.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_162436_000002263110_00256_51563_3451.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_180348_000002323110_00257_51564_3475.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_193839_000002693110_00258_51565_3503.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_194328_000002513110_00258_51565_3501.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_212029_000000923110_00259_51566_3514.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120108_230219_000002393110_00260_51567_3539.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_120108/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120108/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_120108/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

\*\*\*\*\*  
\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE...



Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1  
Test product: ASA\_MS\_\_0PNPDK20120108\_121006\_000000163110\_00253\_51560\_0966.N1

H  
H

../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20120108\_121006-20010209\_135042.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20120108\_121006-20010209\_135042.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20120108\_121006-20010209\_135042.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20120108\_121006-20010209\_135042.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1  
Test product: ASA\_MS\_\_0PNPDK20120108\_135020\_000000163110\_00254\_51561\_0967.N1

V  
V

../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20120108\_135020-20010209\_140823.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20120108\_135020-20010209\_140823.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20120108\_135020-20010209\_140823.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20120108\_135020-20010209\_140823.png

\*\*\*\*\*  
\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20120108\_084536\_000000163110\_00251\_51558\_0965.N1  
Test product: ASA\_MS\_\_0PNPDK20120108\_121006\_000000163110\_00253\_51560\_0966.N1

H  
H

../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20120108\_121006-20120108\_084536.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20120108\_121006-20120108\_084536.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20120108\_121006-20120108\_084536.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20120108\_121006-20120108\_084536.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20120107\_142705\_000000163110\_00240\_51547\_0964.N1  
Test product: ASA\_MS\_\_0PNPDK20120108\_135020\_000000163110\_00254\_51561\_0967.N1

V  
V

../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20120108\_135020-20120107\_142705.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20120108\_135020-20120107\_142705.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20120108\_135020-20120107\_142705.png  
../../../../RESULTS/DAILY/\_120108/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20120108\_135020-20120107\_142705.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES...

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ALL ROWS Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing products WVS IS2 V/V

1	73345	7	73345
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Writing image ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1	36961	7	36961
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Writing image ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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\*\*\*\*\*  
TEMPORAL EVOLUTION Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-08\_1.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-08\_2.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-08\_3.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-08\_4.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
Writing ../../RESULTS/DAILY/\_120108//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 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-08\_1.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-08\_2.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 3/7/11/15/19/23/27/31  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-08\_3.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-08 00:00:00 to 2012-01-08 23:59:59. Rows: 4/8/12/16/20/24/28/32  
Writing file ./RESULTS/DAILY/\_120108/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-08\_4.dat...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
Writing ../../RESULTS/DAILY/\_120108//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120108/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...

Writing file ./RESULTS/DAILY/\_120108/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-01-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120108/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...

Writing file ./RESULTS/DAILY/\_120108/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-01-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120108/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...

Writing file ./RESULTS/DAILY/\_120108/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-01-08.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120108/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_120108/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*

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DOPPLER MAP Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing products WVS IS2 V/V

1199

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -39.558509 Hz

Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*

1095

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -43.094266 Hz

Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2565

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.GM\_1

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -9.7597908 Hz



Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...
Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*

2132
Loading predicted doppler values...
./PREDICTED\_DOPPLER/doppler.GM\_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -17.825542 Hz
Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...
Writing file ../../RESULTS/DAILY/\_120108//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/\_120108/CHIRP...

\*\*\*\*\*
\*\*\*\*\*
CHIRP Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59

Analysing products WSM SS1 H/H
\*\*\*\*\*
Getting ScaleFactor data for WSM SS1 H/H from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...
Writing file ./RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2012-01-08.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...
Writing file ../../RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V
\*\*\*\*\*
Getting ScaleFactor data for WSM SS1 V/V from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...
Writing file ./RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2012-01-08.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...
Writing file ../../RESULTS/DAILY/\_120108/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed
#####

RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/\_120108/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_120108/RAW\_DATA...

\*\*\*\*\*
Getting raw data for WVS from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...
Writing file ./RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_WVS\_2012-01-08.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2012-01-08 00:00:00 to 2012-01-08 23:59:59...  
Writing file ./RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_IMM\_2012-01-08.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120108/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed  
#####

TELEMETRY ANALYSIS  
#####  
Analysis will be performed from 2012-01-08 00:00:00 to 2012-01-08 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120108/TELEMETRY

Creating directory ./RESULTS/DAILY/\_120108/TELEMETRY...

Looking for gaps and missing lines in WVS products...  
\*\*\*\*\*  
Checking 22 products from PDE...  
Found product...ASA\_WVS\_1PNPDE20120108\_004528\_000003753110\_00246\_51553\_7644.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120108\_050817\_000009143110\_00249\_51556\_7740.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120108\_065319\_000005993110\_00250\_51557\_7784.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120108\_222836\_000002103110\_00259\_51566\_7917.N1 / 1 gaps / 0 missing lines  
Checking 24 products from PDK...  
Found product...ASA\_WVS\_1PNPDK20120108\_124209\_000005253110\_00253\_51560\_3381.N1 / 0 gaps / 8 missing lines

Looking for gaps and missing lines in GM1 products...  
\*\*\*\*\*  
Checking 26 products from PDE...  
Checking 46 products from PDK...

Looking for gaps and missing lines in APM products...  
\*\*\*\*\*  
Checking 8 products from PDE...  
Checking 2 products from PDK...

Looking for gaps and missing lines in IMM products...  
\*\*\*\*\*  
Checking 6 products from PDE...  
Checking 3 products from PDK...

Looking for gaps and missing lines in WSM products...  
\*\*\*\*\*  
Checking 40 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20120108\_042508\_000003363110\_00249\_51556\_7737.N1 / 0 gaps / 18 missing lines  
Checking 15 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20120108\_145955\_00000613110\_00255\_51562\_3433.N1 / 12 gaps / 3415 missing lines

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_120108/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_120108/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_120108/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_1PNPDE20120108_014730_000000993110_00247_51554_7665.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_023901_000000453110_00247_51554_7686.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_133544_000000743110_00254_51561_7883.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_151058_000000433110_00255_51562_7886.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_151245_000000403110_00255_51562_7888.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_160912_000001143110_00256_51563_7889.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_163931_000000583110_00256_51563_7897.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120108_181731_000000753110_00257_51564_7905.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120108_083130_000000433110_00251_51558_3306.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120108_083328_000000433110_00251_51558_3308.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_1PNPDE20120108_001235_000005313110_00246_51553_7633.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_003002_000005793110_00246_51553_7639.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_012335_000011423110_00247_51554_7669.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_014552_00000903110_00247_51554_7668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_014928_000003023110_00247_51554_7671.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_015730_000001503110_00247_51554_7673.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_021012_000005013110_00247_51554_7682.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_023106_00000663110_00247_51554_7698.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_023221_000003983110_00247_51554_7699.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_024004_000002953110_00247_51554_7700.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_025511_000016013110_00248_51555_7703.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_032901_000001383110_00248_51555_7707.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_035031_000004893110_00248_51555_7735.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_040551_000001873110_00248_51555_7736.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_043048_000017943110_00249_51556_7739.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_050311_000001143110_00249_51556_7741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_053042_000005553110_00249_51556_7774.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_061310_000001083110_00250_51557_7773.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_061746_000001873110_00250_51557_7775.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_062741_000002833110_00250_51557_7776.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_063536_000004163110_00250_51557_7777.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_064342_000002413110_00250_51557_7778.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_064924_000000783110_00250_51557_7787.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_212206_000000963110_00259_51566_7914.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_213025_000004473110_00259_51566_7916.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120108_221303_000005863110_00259_51566_7918.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_071054_000005133110_00250_51557_3276.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_075845_000001873110_00251_51558_3277.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_080610_000002293110_00251_51558_3279.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_080845_000002593110_00251_51558_3307.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_082445_000004043110_00251_51558_3309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_083432_000003443110_00251_51558_3310.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_085111_000003203110_00251_51558_3311.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_085621_000001813110_00251_51558_3313.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_094008_000005493110_00252_51559_3314.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_100539_000001633110_00252_51559_3340.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_103127_000004833110_00252_51559_3346.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_111715_000003503110_00253_51560_3347.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_121138_000004343110_00253_51560_3379.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_123412_000002053110_00253_51560_3380.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_124007_000001143110_00253_51560_3382.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_125519_000004773110_00254_51561_3383.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_130510_000002833110_00254_51561_3385.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_130843_000004833110_00254_51561_3405.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_133152_000002293110_00254_51561_3406.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_133718_000003203110_00254_51561_3407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_134248_000003683110_00254_51561_3408.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_135153_000005733110_00254_51561_3410.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_141406_000002833110_00254_51561_3412.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_142009_000002653110_00254_51561_3413.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_142953_000008583110_00255_51562_3414.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_145047_000000963110_00255_51562_3435.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_145753_000000723110_00255_51562_3434.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_150059_000000843110_00255_51562_3436.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_151350_000000963110_00255_51562_3438.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_153206_000006833110_00255_51562_3441.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_161125_000007733110_00256_51563_3443.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_162305_000000843110_00256_51563_3462.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_163334_000003563110_00256_51563_3463.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_164322_000003443110_00256_51563_3464.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_171220_000006833110_00256_51563_3466.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_175043_000007793110_00257_51564_3467.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_180231_000000663110_00257_51564_3483.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_181535_000001143110_00257_51564_3484.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120108_181906_00000903110_00257_51564_3485.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_185234_000006283110_00257_51564_3489.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_191734_000001753110_00257_51564_3487.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_192548_000007673110_00258_51565_3490.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_195013_000004533110_00258_51565_3509.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_203248_000006283110_00258_51565_3511.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_205620_000010453110_00258_51565_3512.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120108_211657_000000663110_00259_51566_3516.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_1PNPDE20120108_050042_000001363110_00249_51556_7730.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120108_061150_000000673110_00250_51557_7765.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120108_064230_000000583110_00250_51557_7768.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120108_095753_000000383110_00252_51559_7832.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120108_164131_000000973110_00256_51563_7896.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120108_182041_000001813110_00257_51564_7906.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120108_063221_000001843110_00250_51557_3262.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120108_095744_000001423110_00252_51559_3323.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120108_123323_000000373110_00253_51560_3393.N1	OK	OK	OK	OK

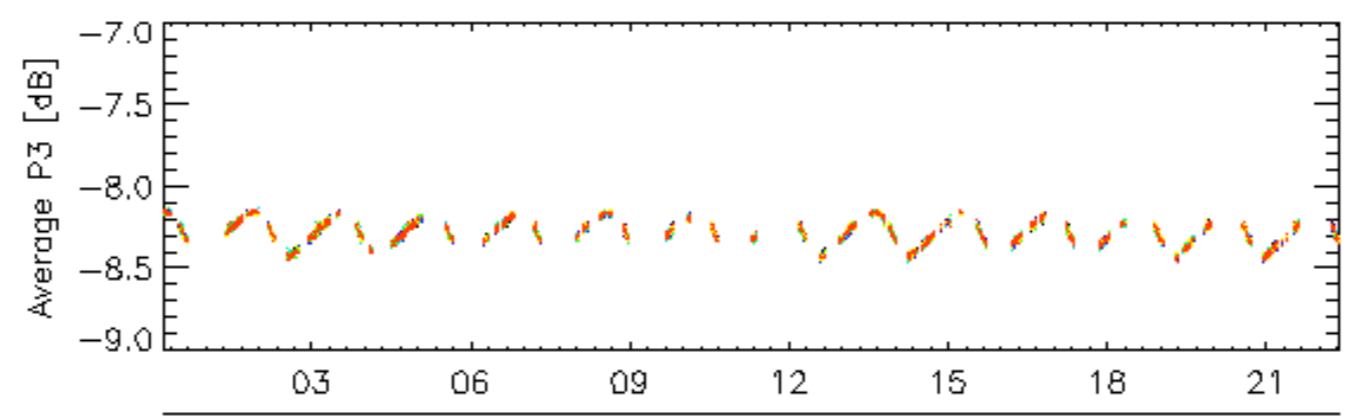
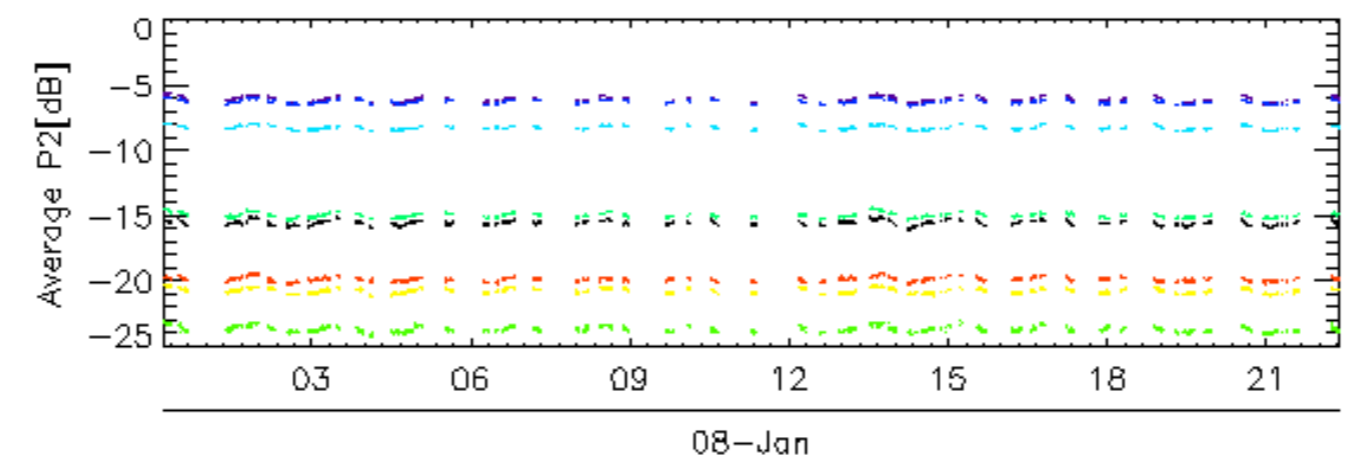
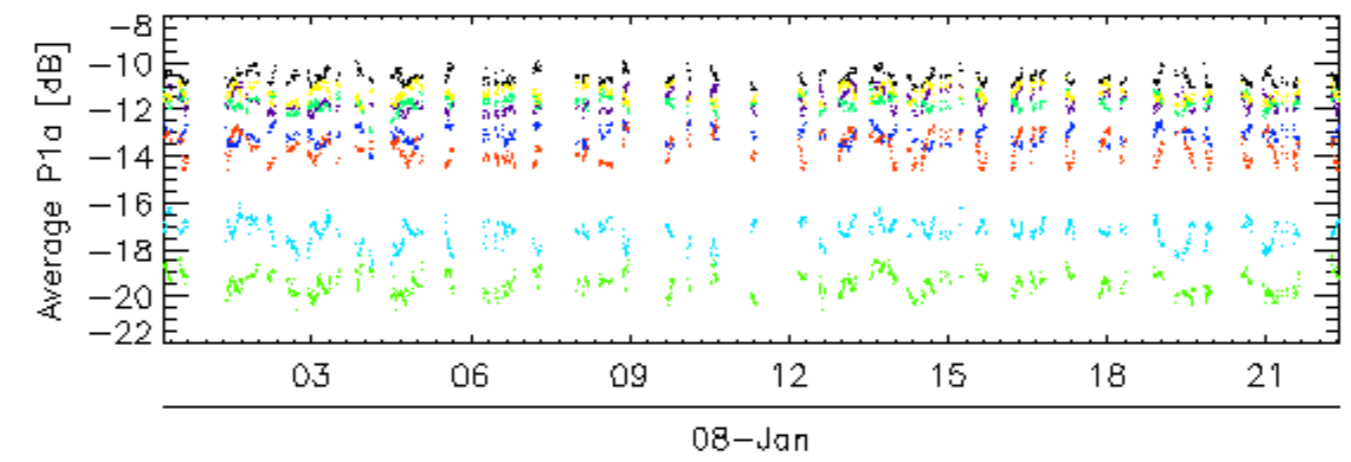
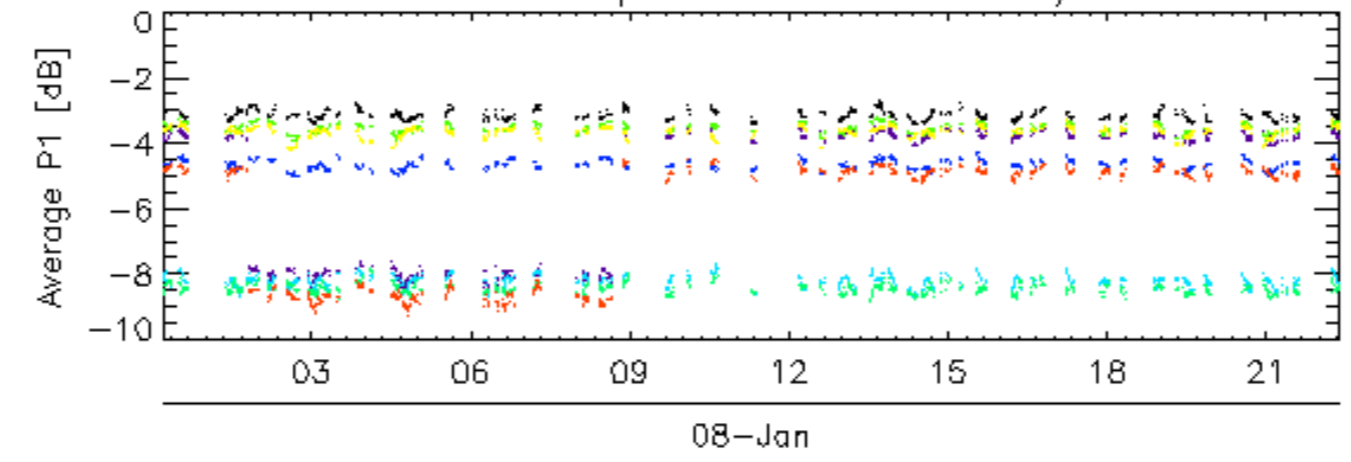
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120108_003943_000003493110_00246_51553_7628.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_005729_000002143110_00246_51553_7648.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_011647_000004043110_00247_51554_7664.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7674.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7687.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_024538_000001533110_00248_51555_7694.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_025142_000000923110_00248_51555_7695.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_032154_000004283110_00248_51555_7697.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_035842_000003303110_00248_51555_7732.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_042508_000003363110_00249_51556_7737.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_050512_000001533110_00249_51556_7731.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_053959_000002203110_00249_51556_7766.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_062054_000004043110_00250_51557_7767.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_064748_000000923110_00250_51557_7769.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_065050_000001533110_00250_51557_7770.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_081305_000002263110_00251_51558_7807.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_081653_000001773110_00251_51558_7808.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_081954_000002883110_00251_51558_7813.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_094921_000002513110_00252_51559_7830.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_095345_000002263110_00252_51559_7831.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_100038_000001103110_00252_51559_7833.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_100827_000002083110_00252_51559_7834.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_103931_000003303110_00252_51559_7859.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_112308_000001043110_00253_51560_7858.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_112546_000001593110_00253_51560_7850.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_140130_000002393110_00254_51561_7884.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_142437_000001103110_00255_51562_7885.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_145230_000001533110_00255_51562_7887.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_154331_000001903110_00255_51562_7882.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_162743_000003433110_00256_51563_7895.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_172343_000001903110_00256_51563_7894.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_180710_000002693110_00257_51564_7902.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_181154_000002143110_00257_51564_7904.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_190316_000002203110_00257_51564_7903.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_192312_000001533110_00257_51564_7907.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_194658_000001903110_00258_51565_7925.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_204331_000002263110_00258_51565_7912.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_205205_000002513110_00258_51565_7913.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_212349_000003923110_00259_51566_7927.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120108_222250_000003493110_00259_51566_7915.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_071933_000002753110_00250_51557_3285.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_080154_000002513110_00251_51558_3287.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_085925_000003303110_00251_51558_3322.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_112905_000003493110_00253_51560_3355.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_121858_000003923110_00253_51560_3392.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_125143_000000923110_00254_51561_3395.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_130321_000001043110_00254_51561_3394.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_144414_000003733110_00255_51562_3422.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_145955_000000613110_00255_51562_3433.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_162436_000002263110_00256_51563_3451.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_180348_000002323110_00257_51564_3475.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_193839_000002693110_00258_51565_3503.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_194328_000002513110_00258_51565_3501.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_212029_000000923110_00259_51566_3514.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120108_230219_000002393110_00260_51567_3539.N1					OK	OK	OK	OK

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

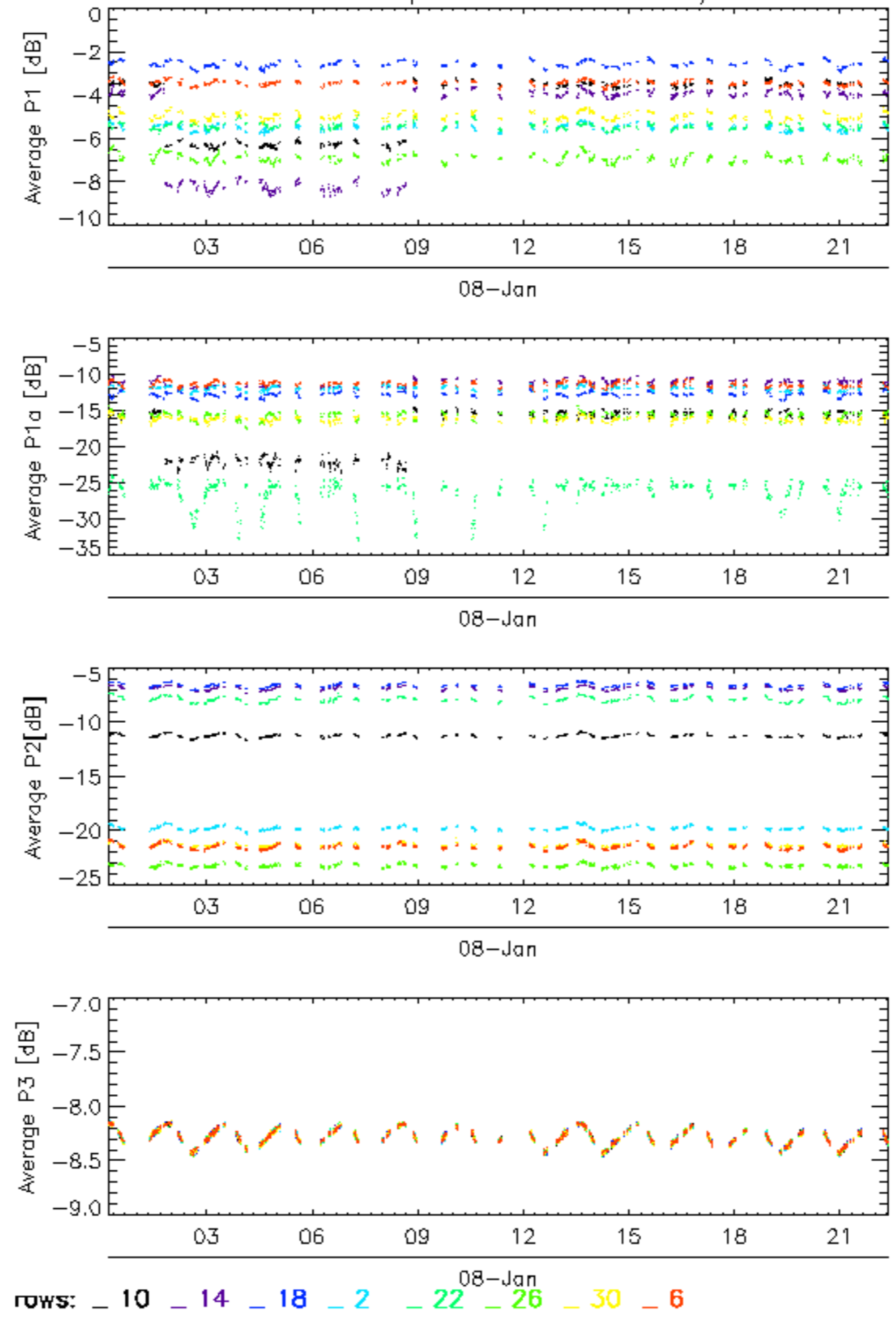
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ASA_WVS_1PNPDE20120108_005058_000003443110_00246_51553_7666.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_010100_000008993110_00246_51553_7667.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120108_015435_000001343110_00247_51554_7672.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_020004_000005703110_00247_51554_7683.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_022504_000001043110_00247_51554_7684.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_022604_000002553110_00247_51554_7701.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_024808_000001643110_00248_51555_7702.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_033123_000005993110_00248_51555_7706.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_034053_000002553110_00248_51555_7734.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_040413_000000603110_00248_51555_7733.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_040903_000009293110_00248_51555_7738.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_050817_000009143110_00249_51556_7740.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_052317_000000453110_00249_51556_7771.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_052651_000001803110_00249_51556_7772.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_054337_000016493110_00249_51556_7783.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_065319_000005993110_00250_51557_7784.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_213757_000020543110_00259_51566_7919.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120108_222836_000002103110_00259_51566_7917.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_070304_000004353110_00250_51557_3275.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_072404_000020393110_00250_51557_3278.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_084018_000000593110_00251_51558_3312.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_090456_000020693110_00251_51558_3315.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_101156_000011243110_00252_51559_3345.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120108_113522_000020393110_00253_51560_3376.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120108_123741_000001043110_00253_51560_3377.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_124209_000005253110_00253_51560_3381.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120108_142627_000000743110_00255_51562_3415.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120108_151534_000009453110_00255_51562_3440.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_154656_000013043110_00255_51562_3442.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_164910_000013493110_00256_51563_3465.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_172710_000013643110_00256_51563_3468.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_182403_000016643110_00257_51564_3486.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_191023_000003903110_00257_51564_3488.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_192033_000001193110_00257_51564_3491.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120108_195750_000020543110_00258_51565_3510.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H

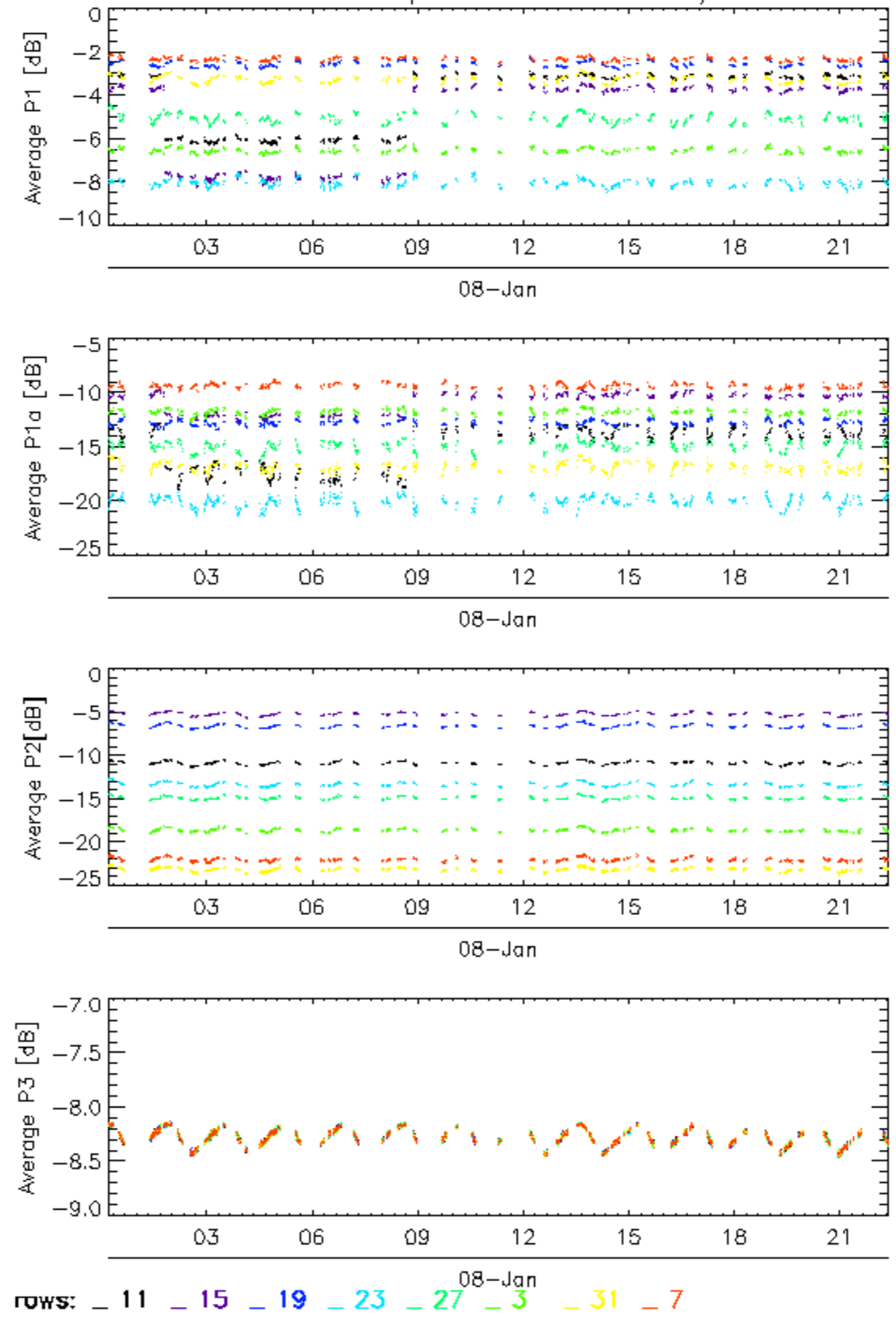


rows: \_ 1 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29 \_ 5 \_ 9

### Calibration pulses for GM1 SS3 H/H

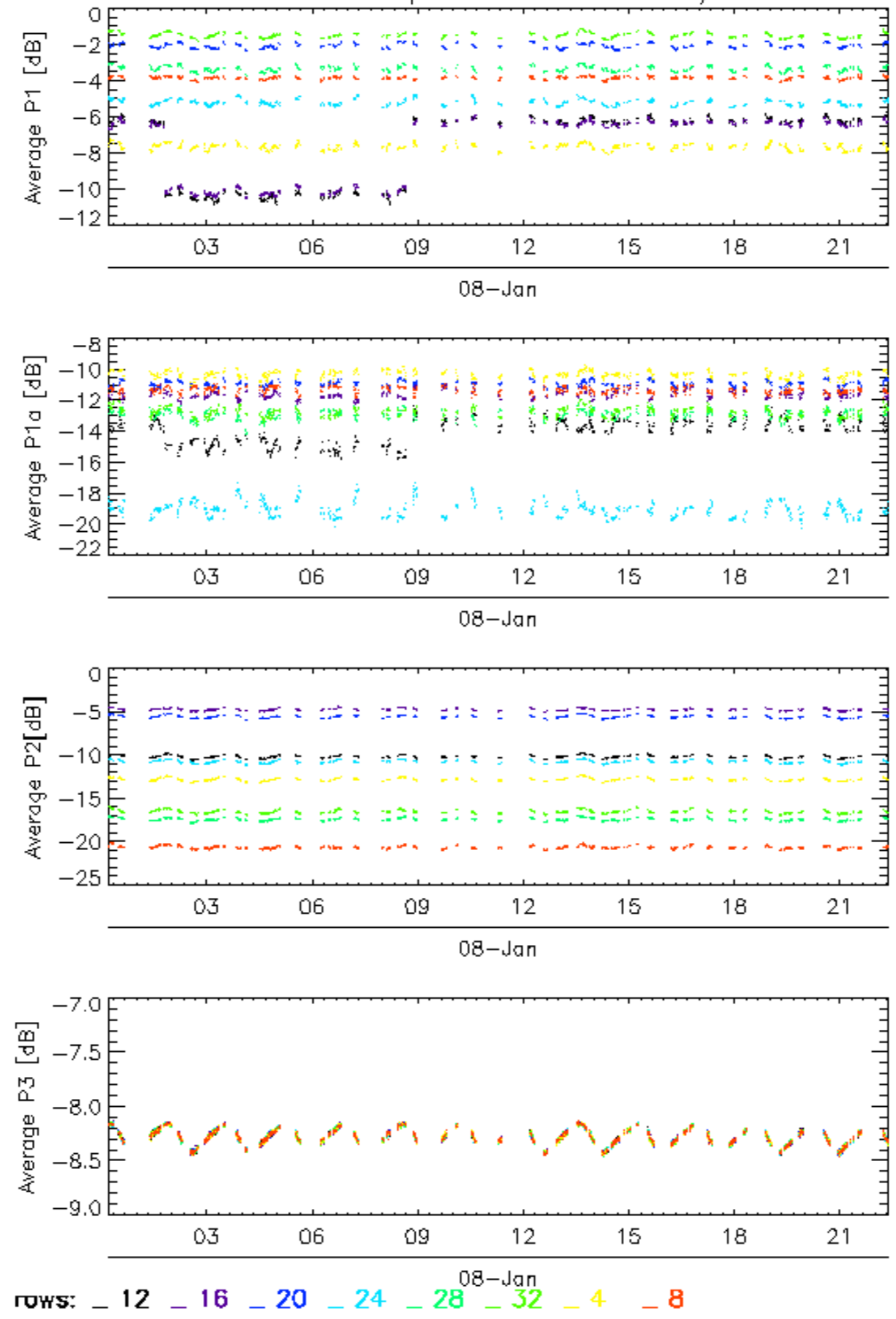


### Calibration pulses for GM1 SS3 H/H

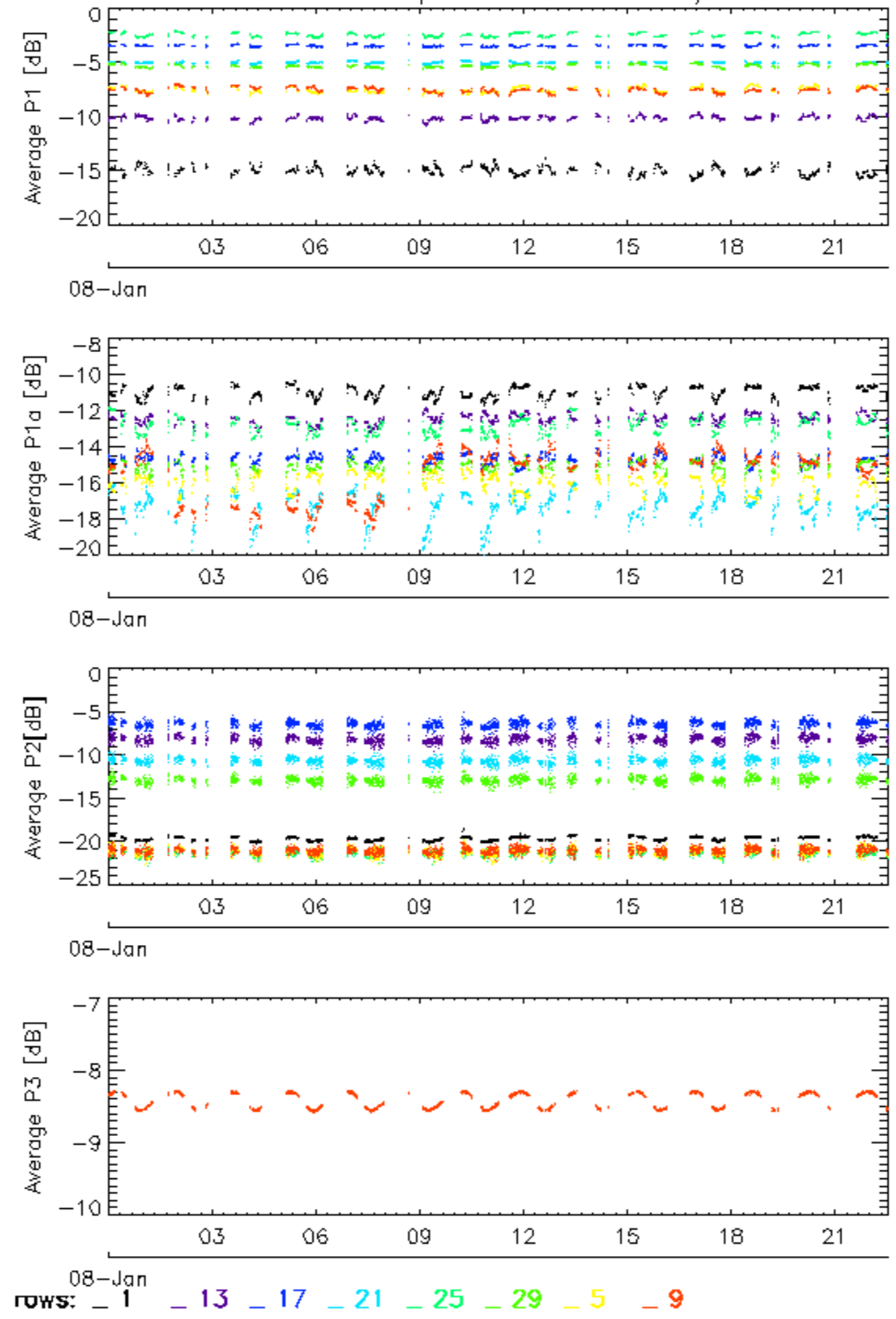




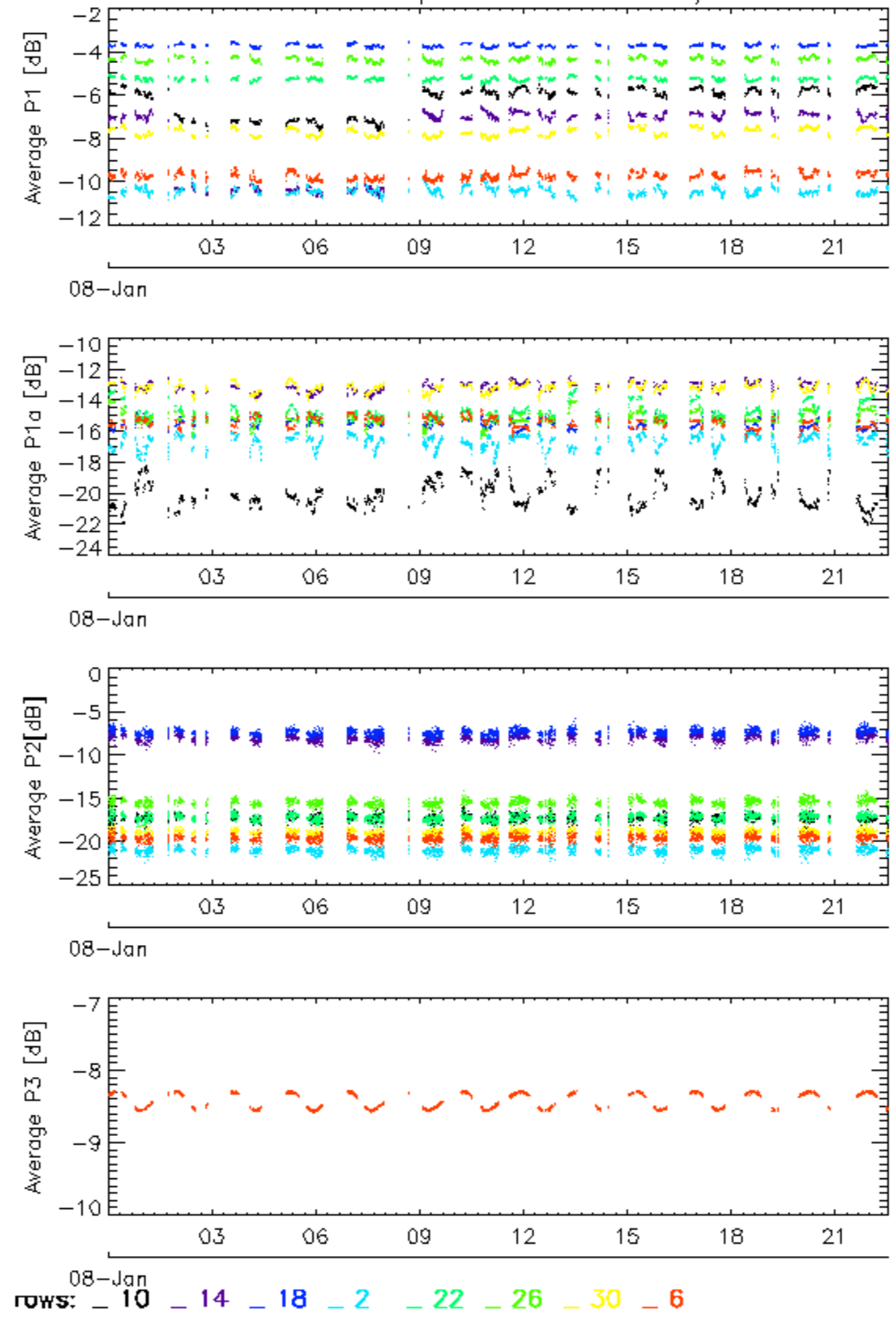
Calibration pulses for GM1 SS3 H/H



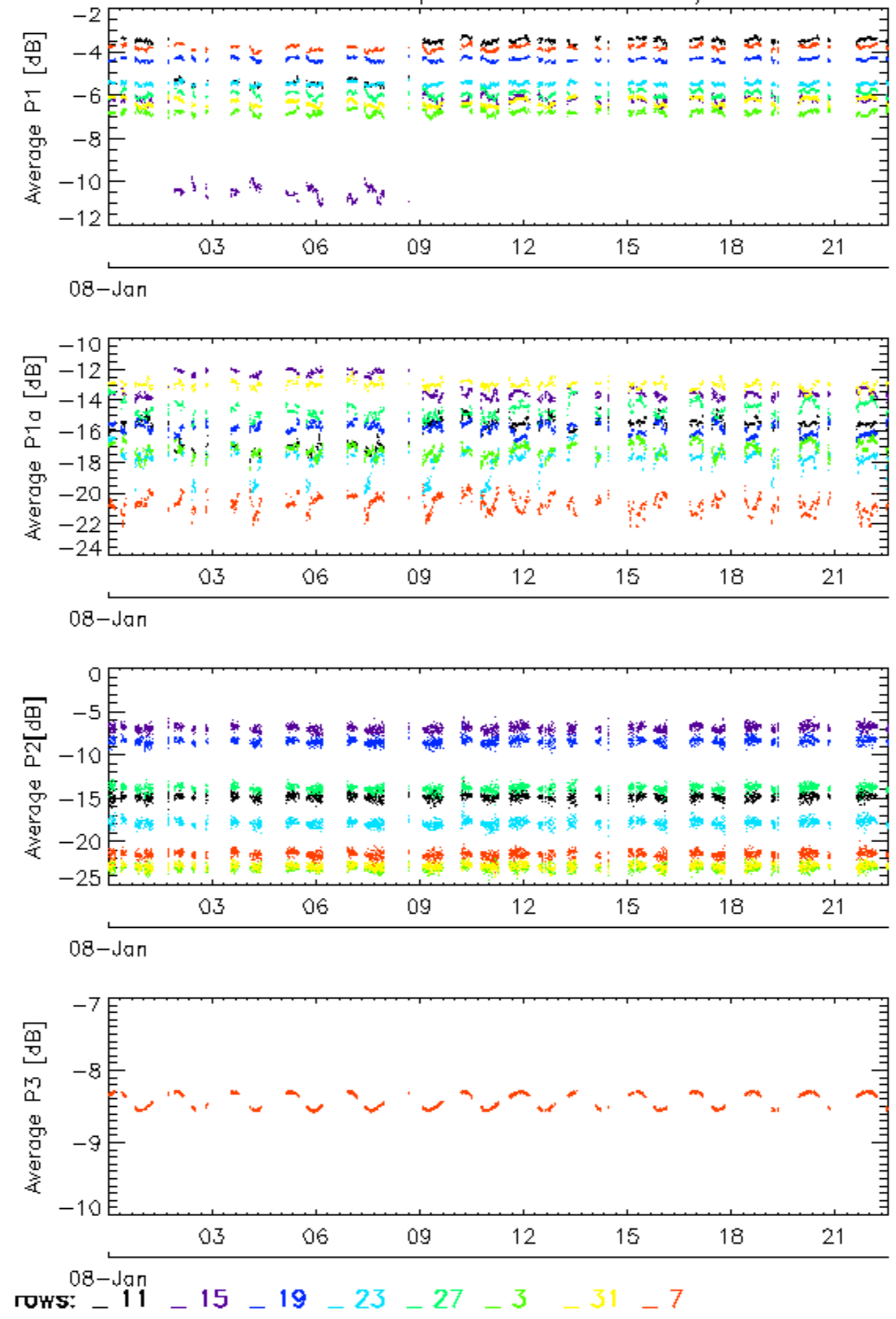
Calibration pulses for WVS IS2 V/V



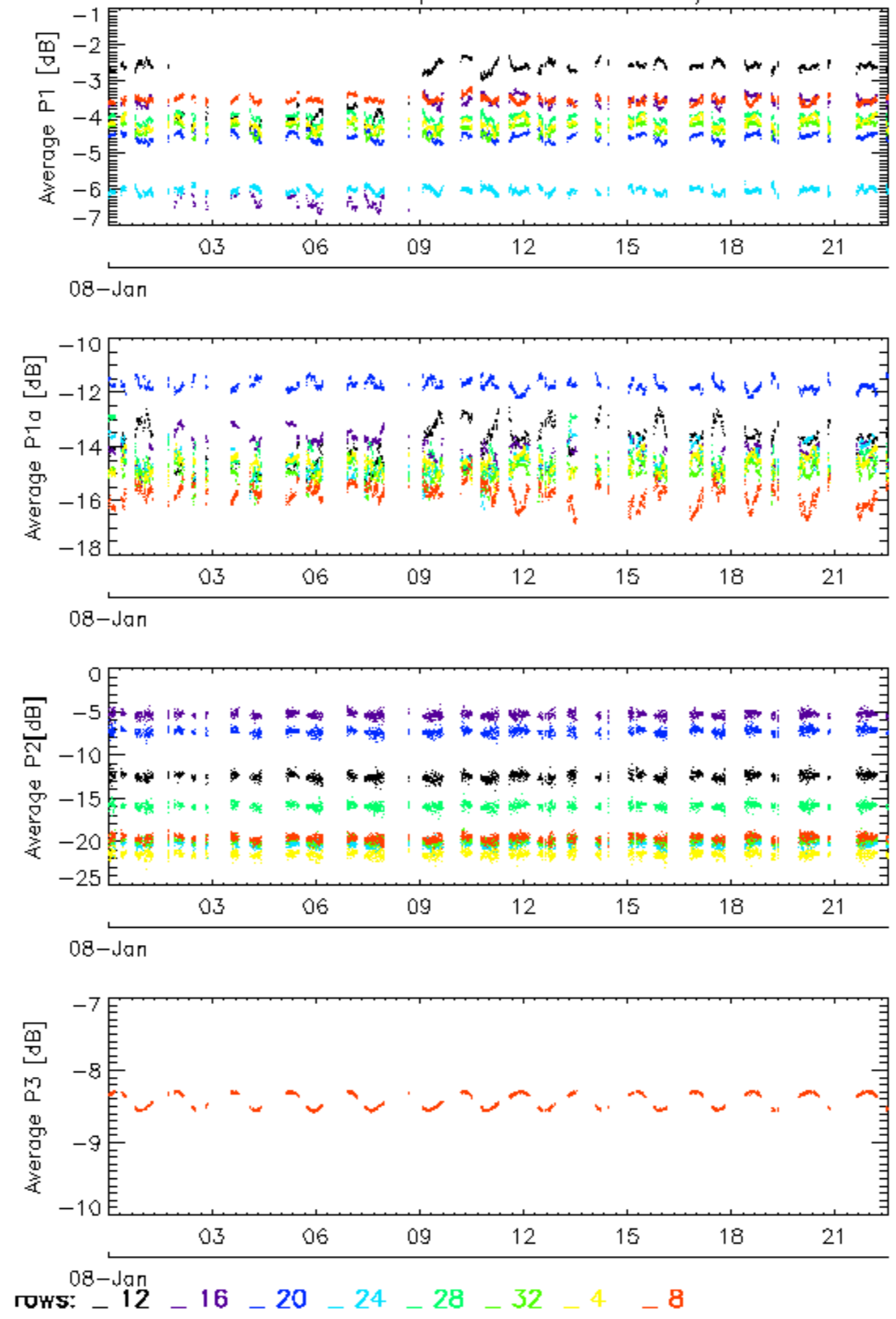
Calibration pulses for WVS IS2 V/V

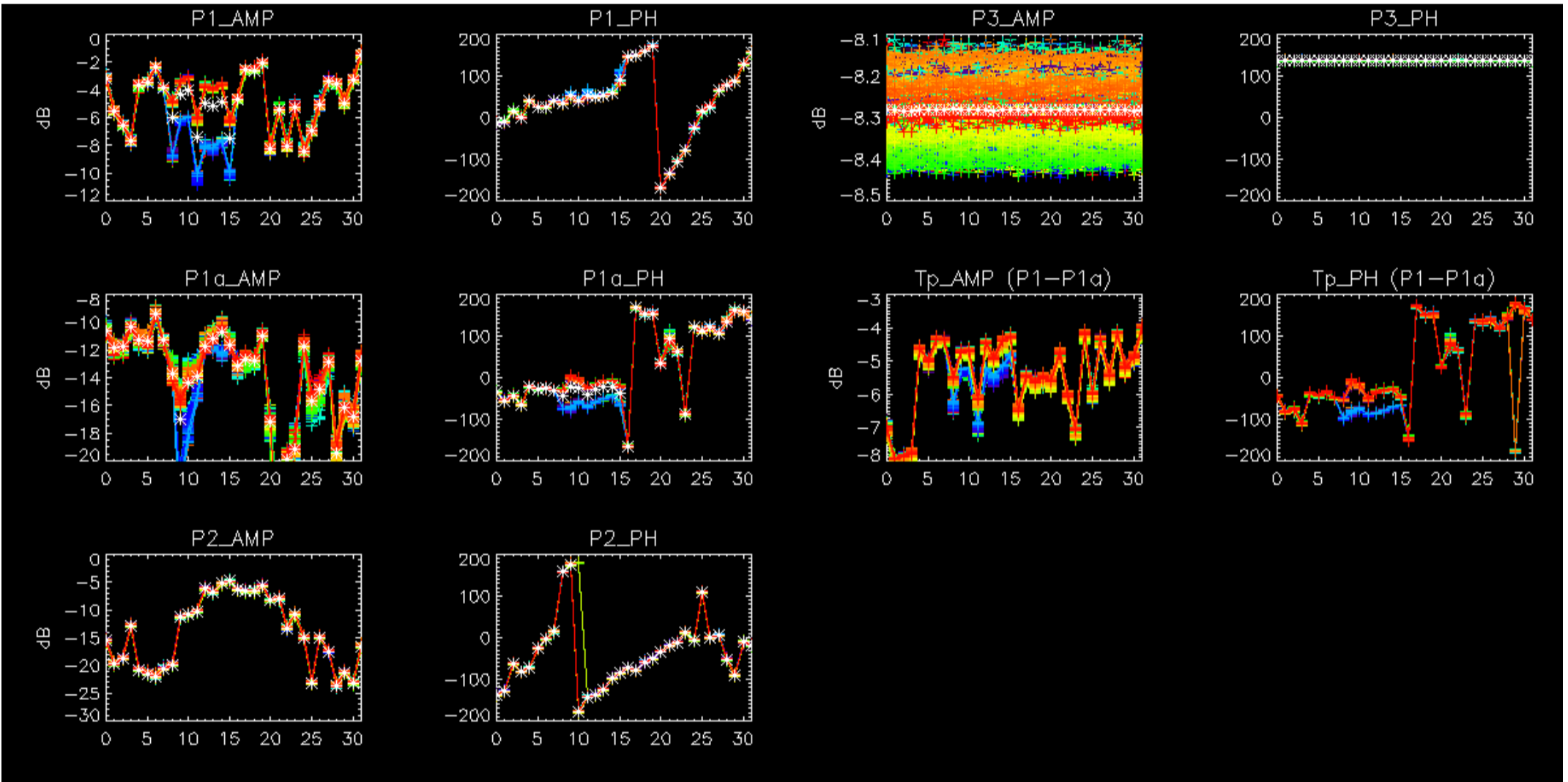


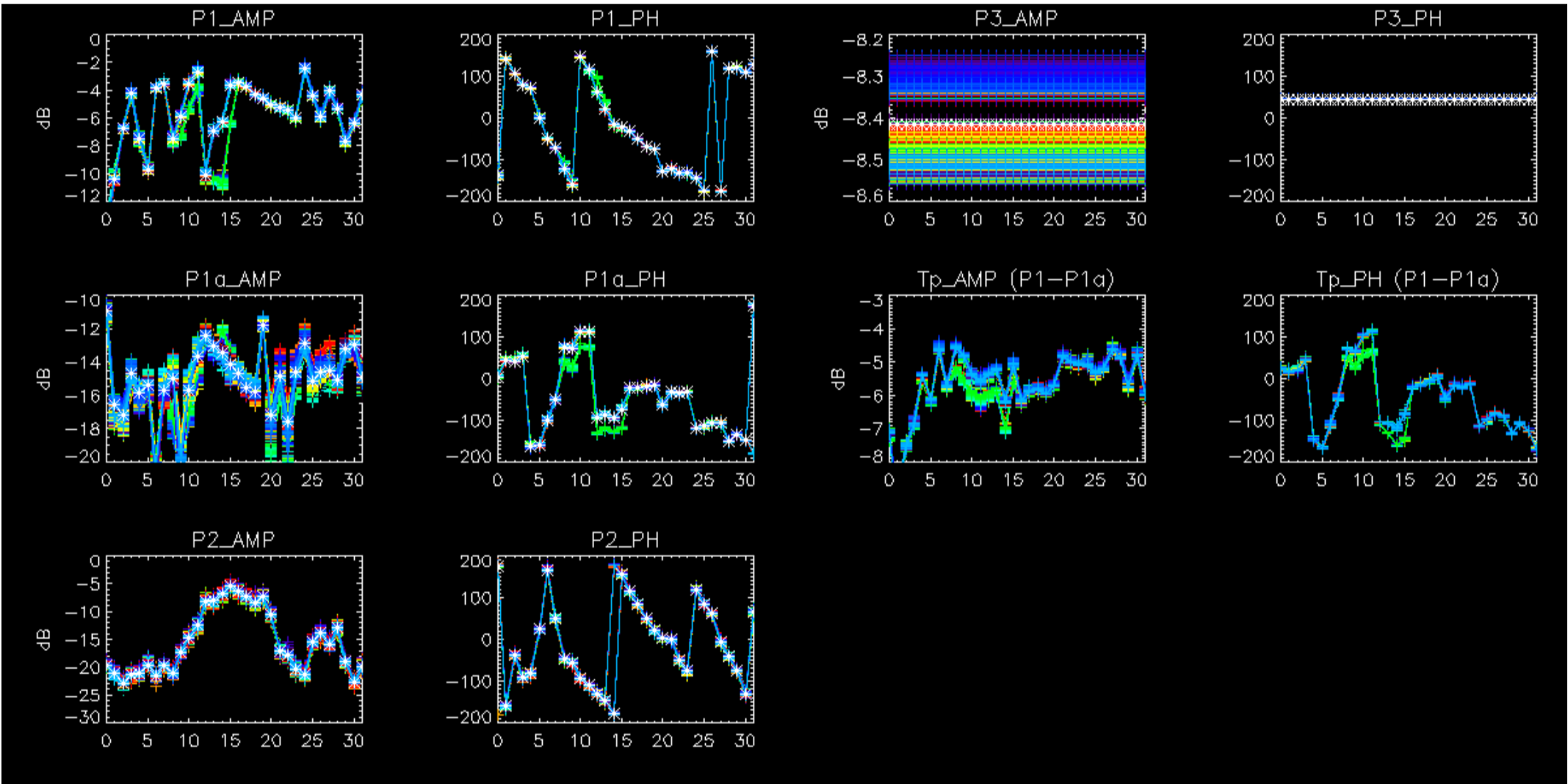
Calibration pulses for WVS IS2 V/V

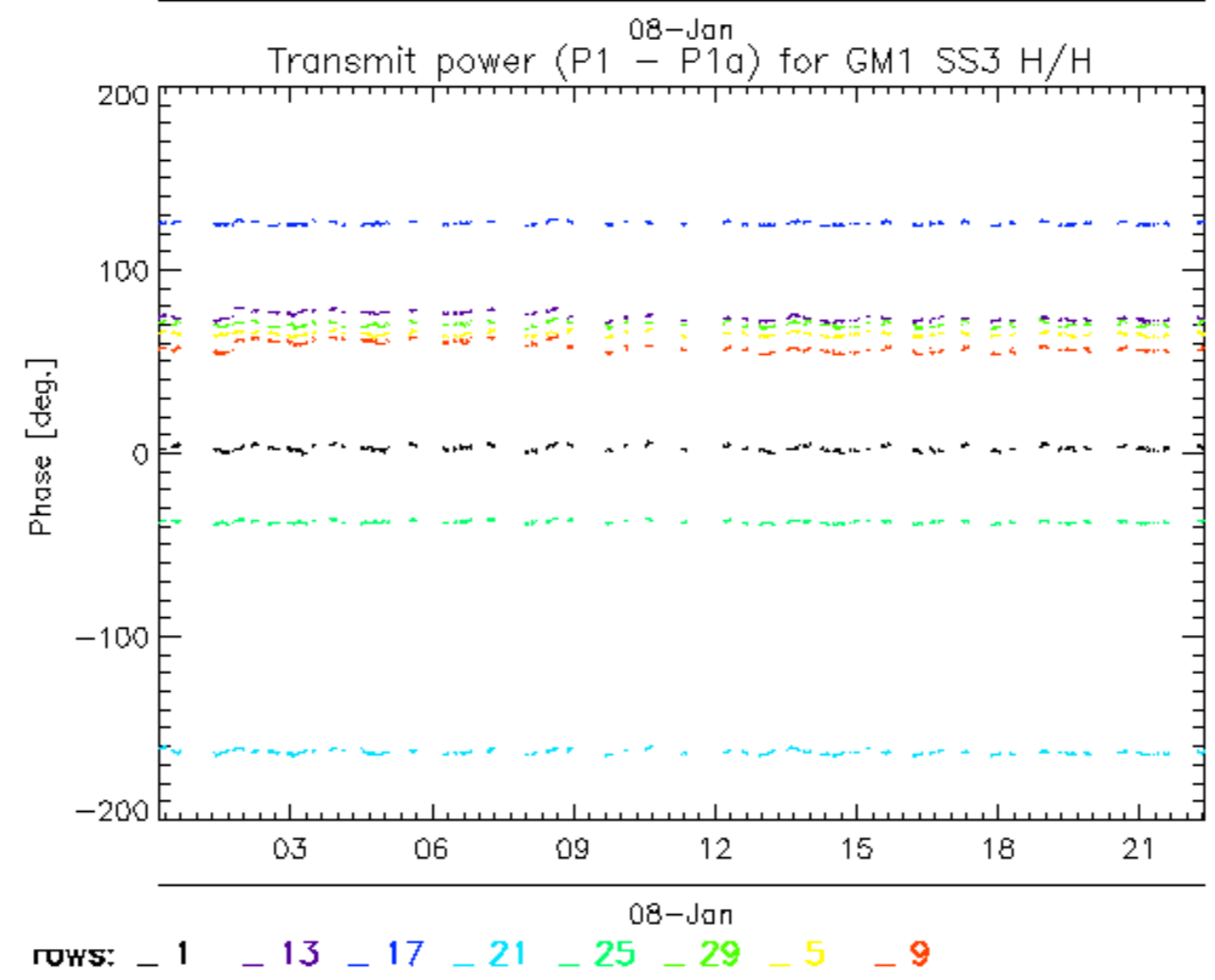
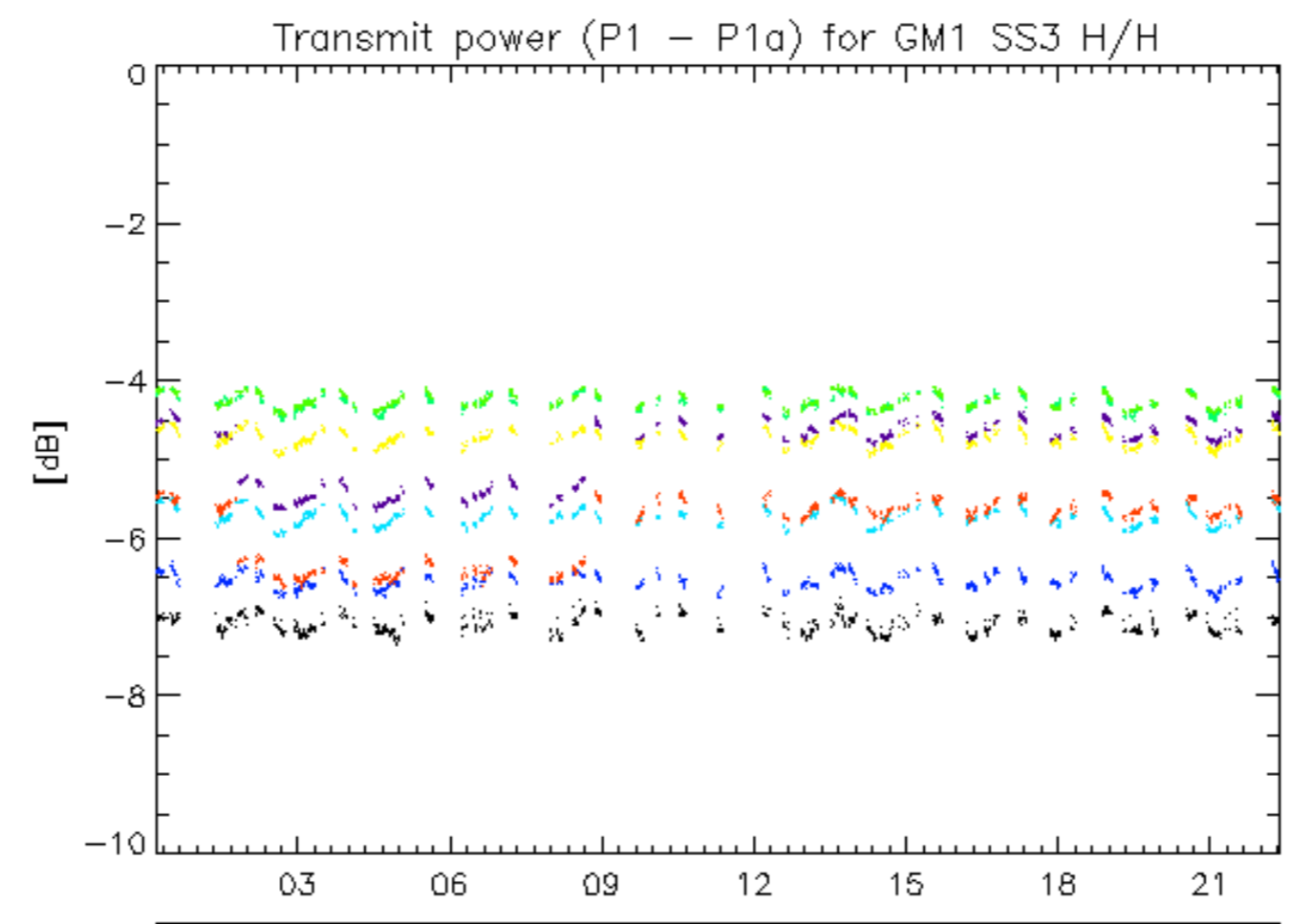


Calibration pulses for WVS IS2 V/V

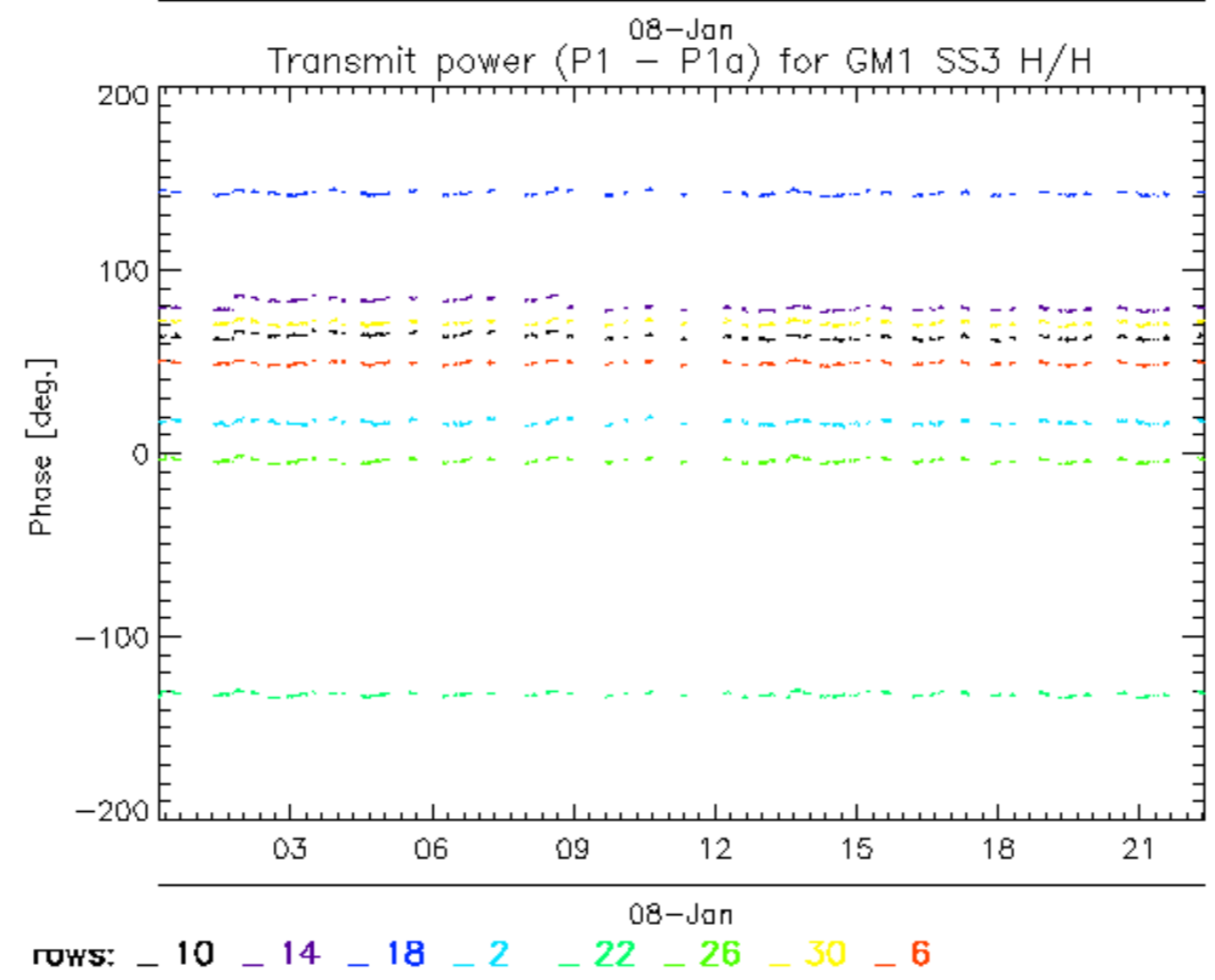
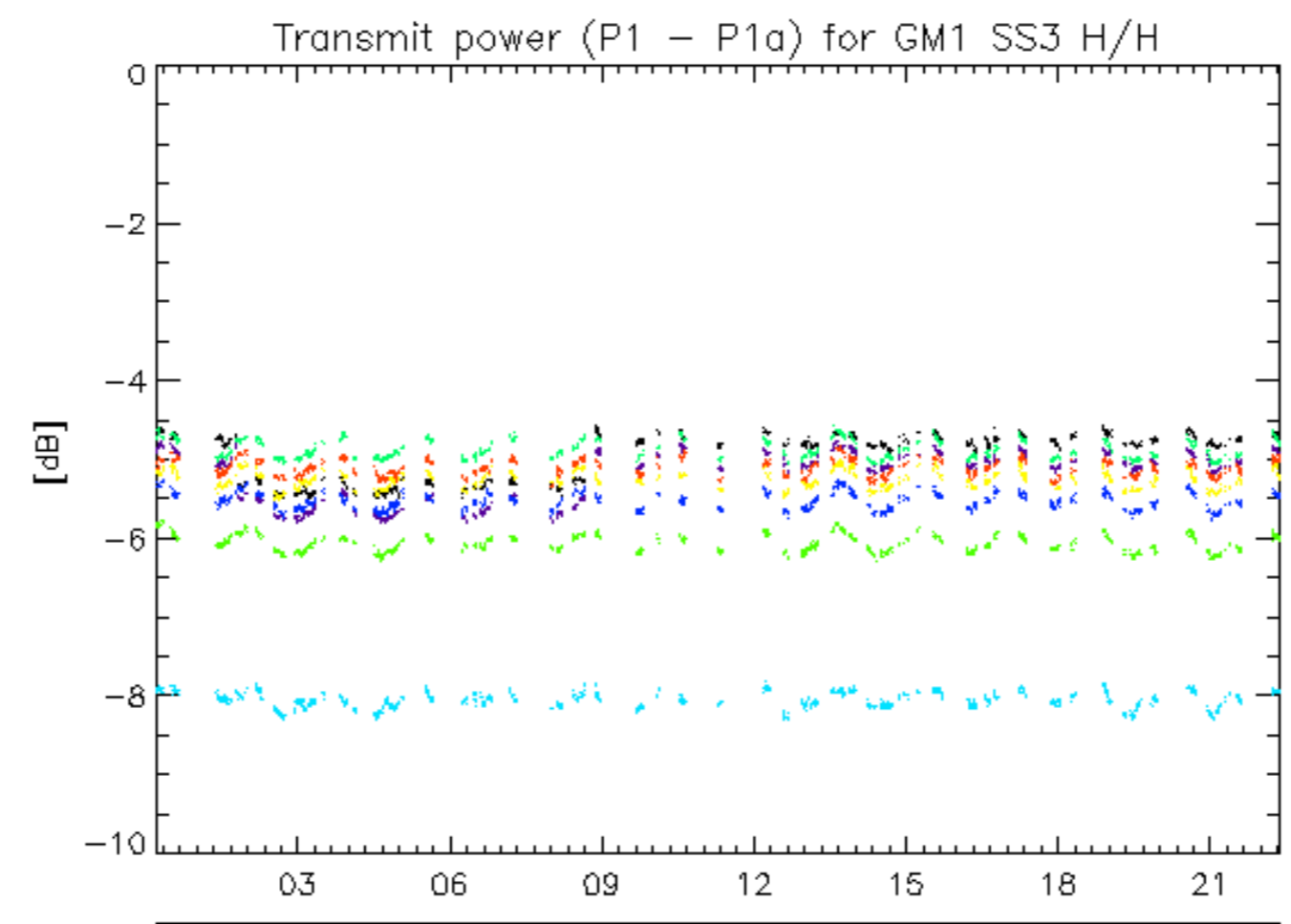


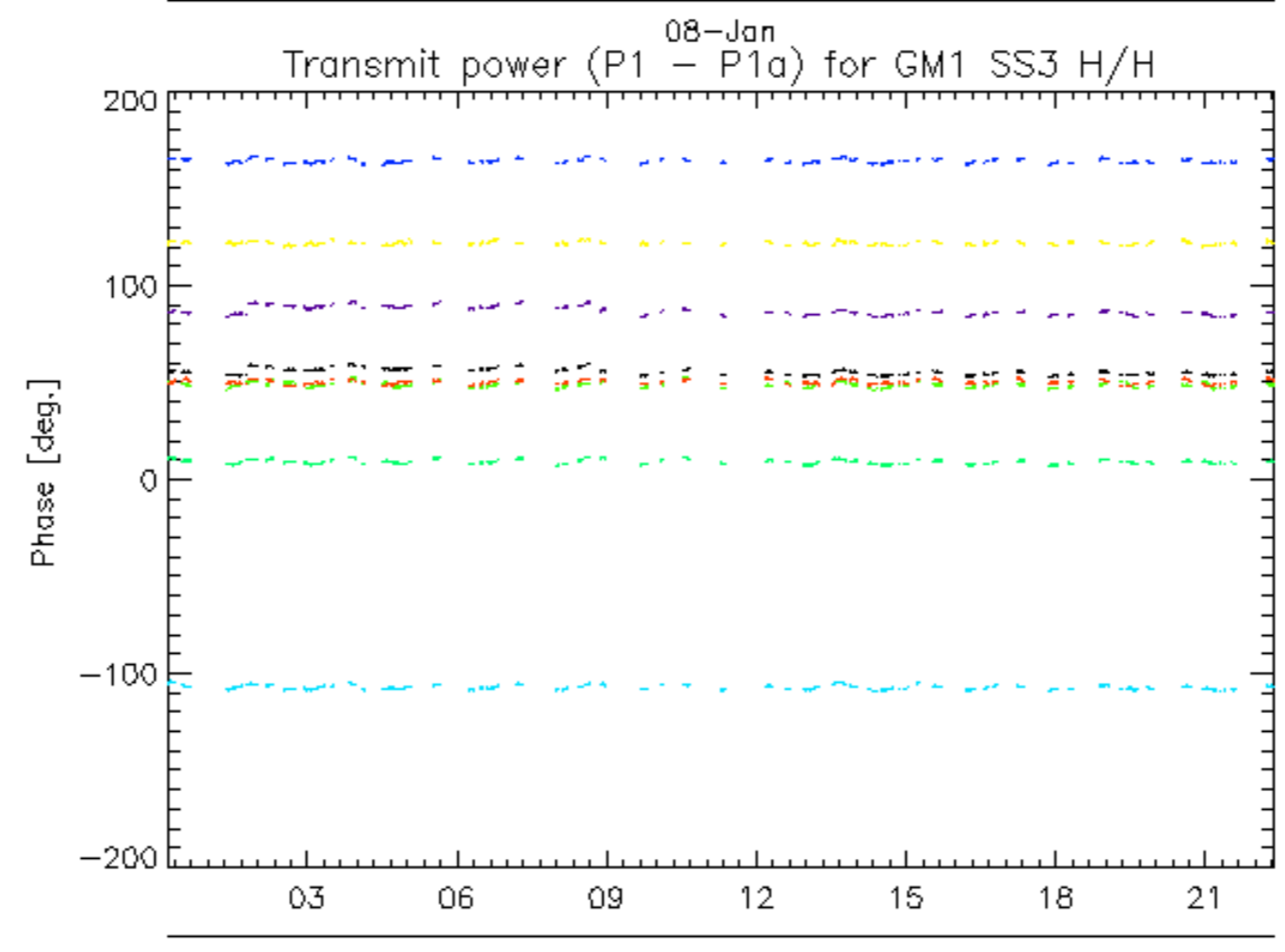
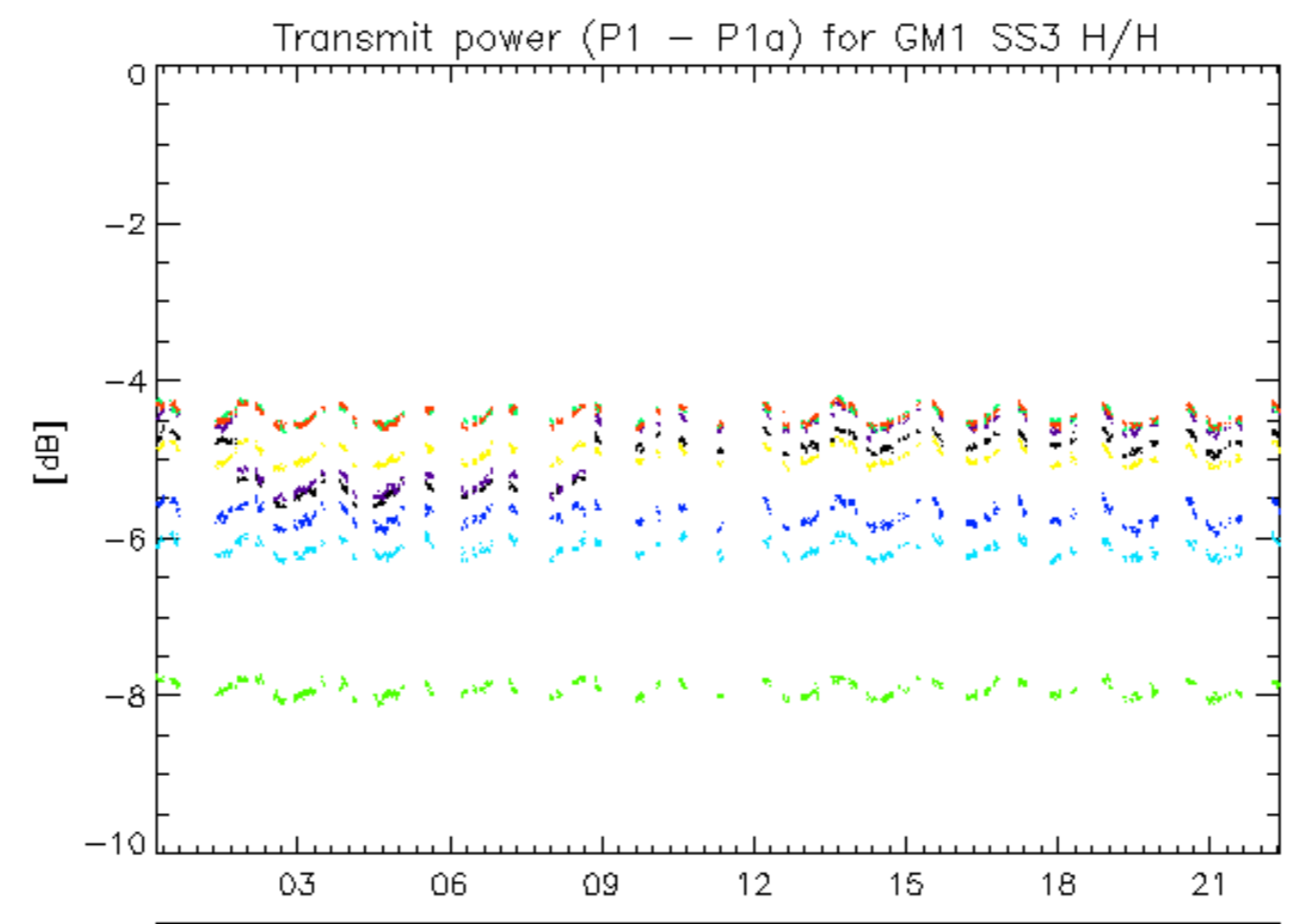




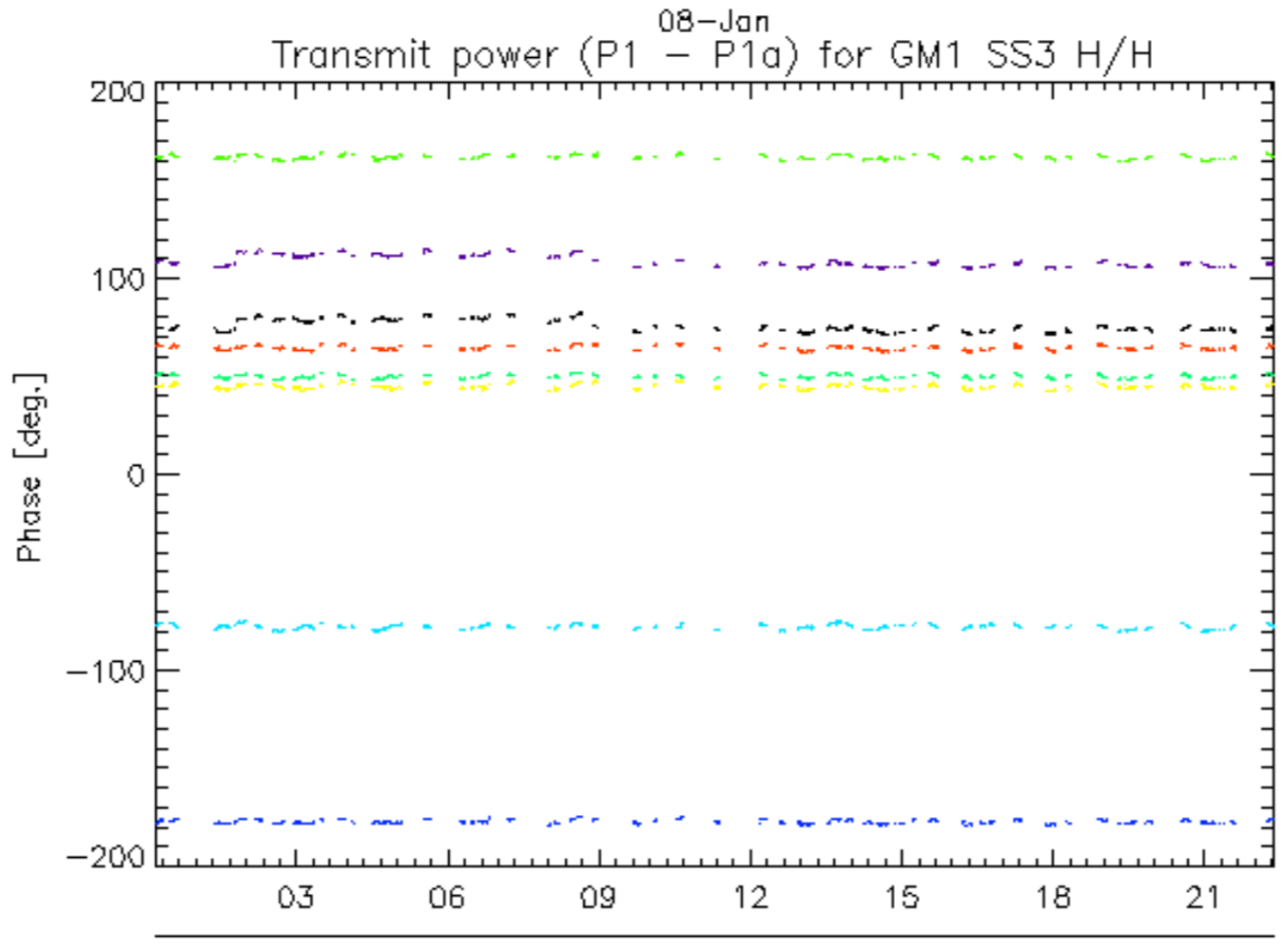
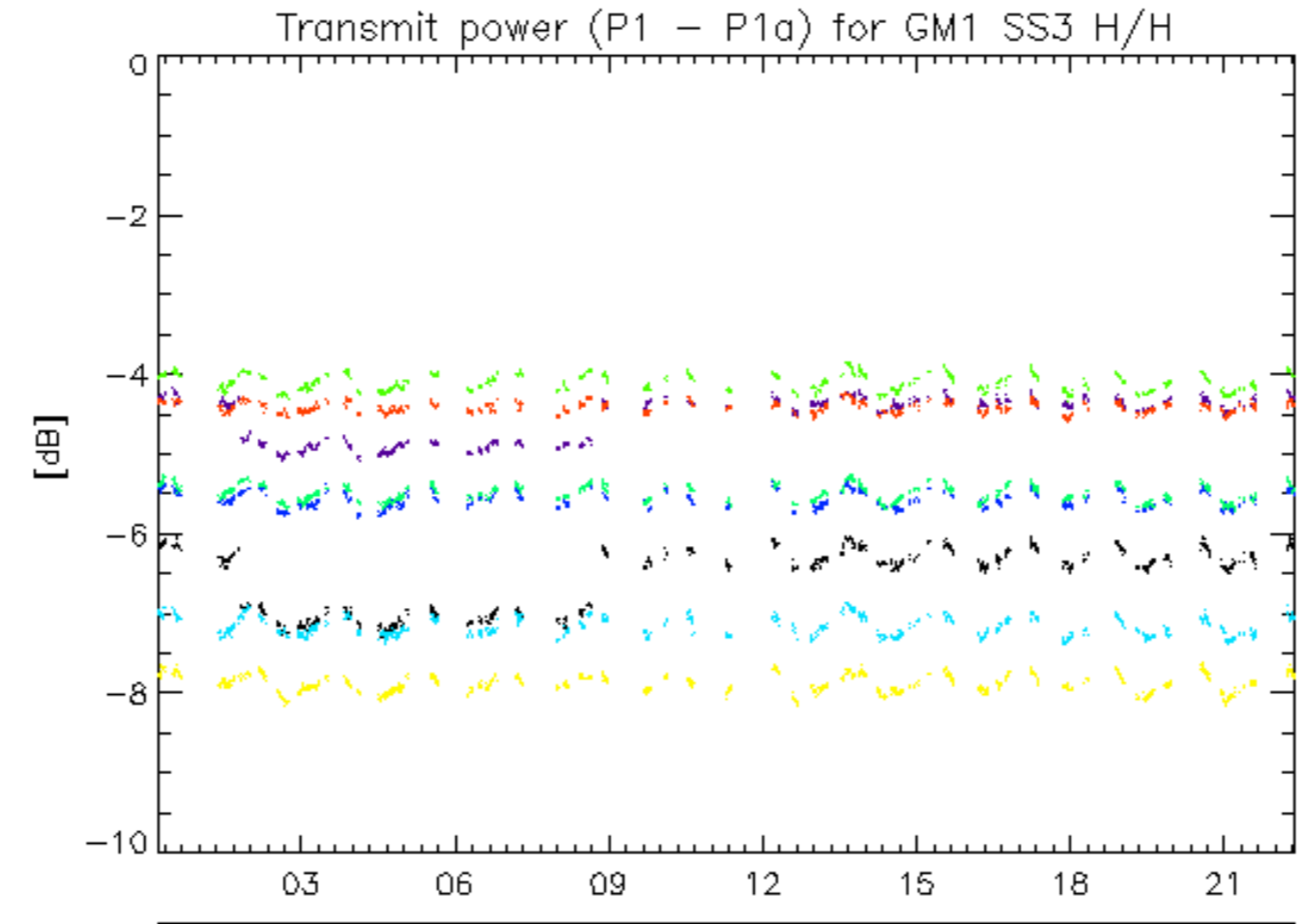




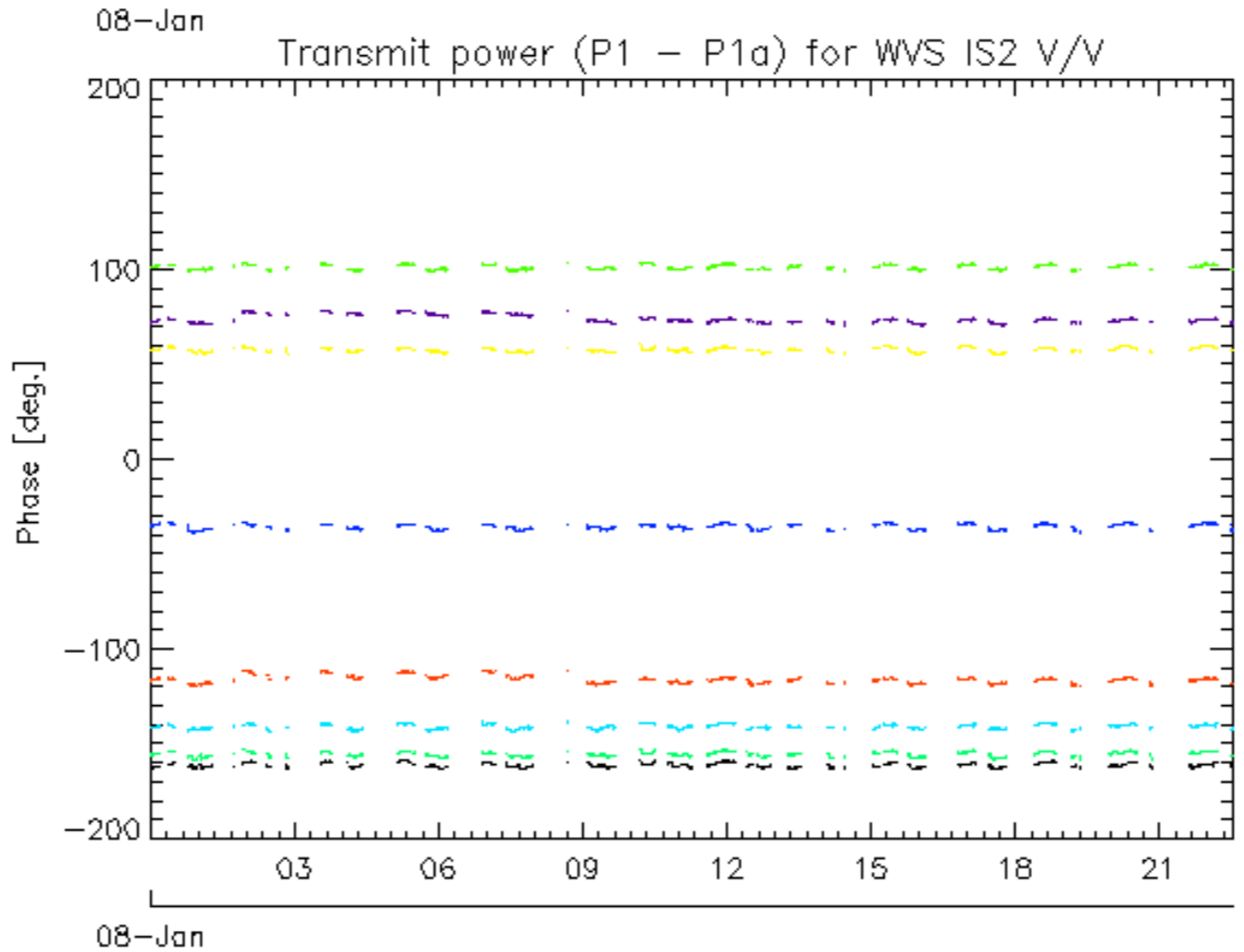
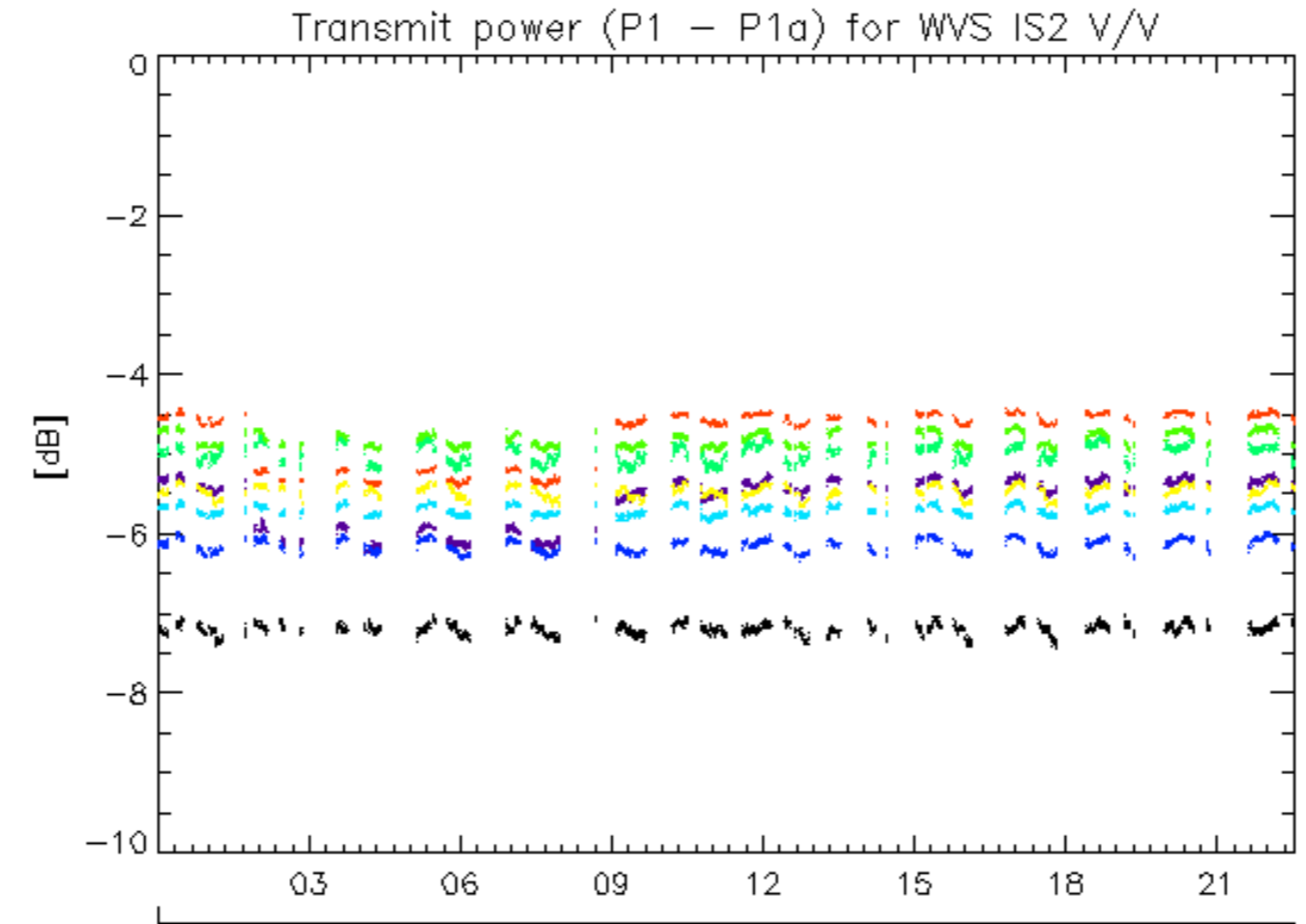




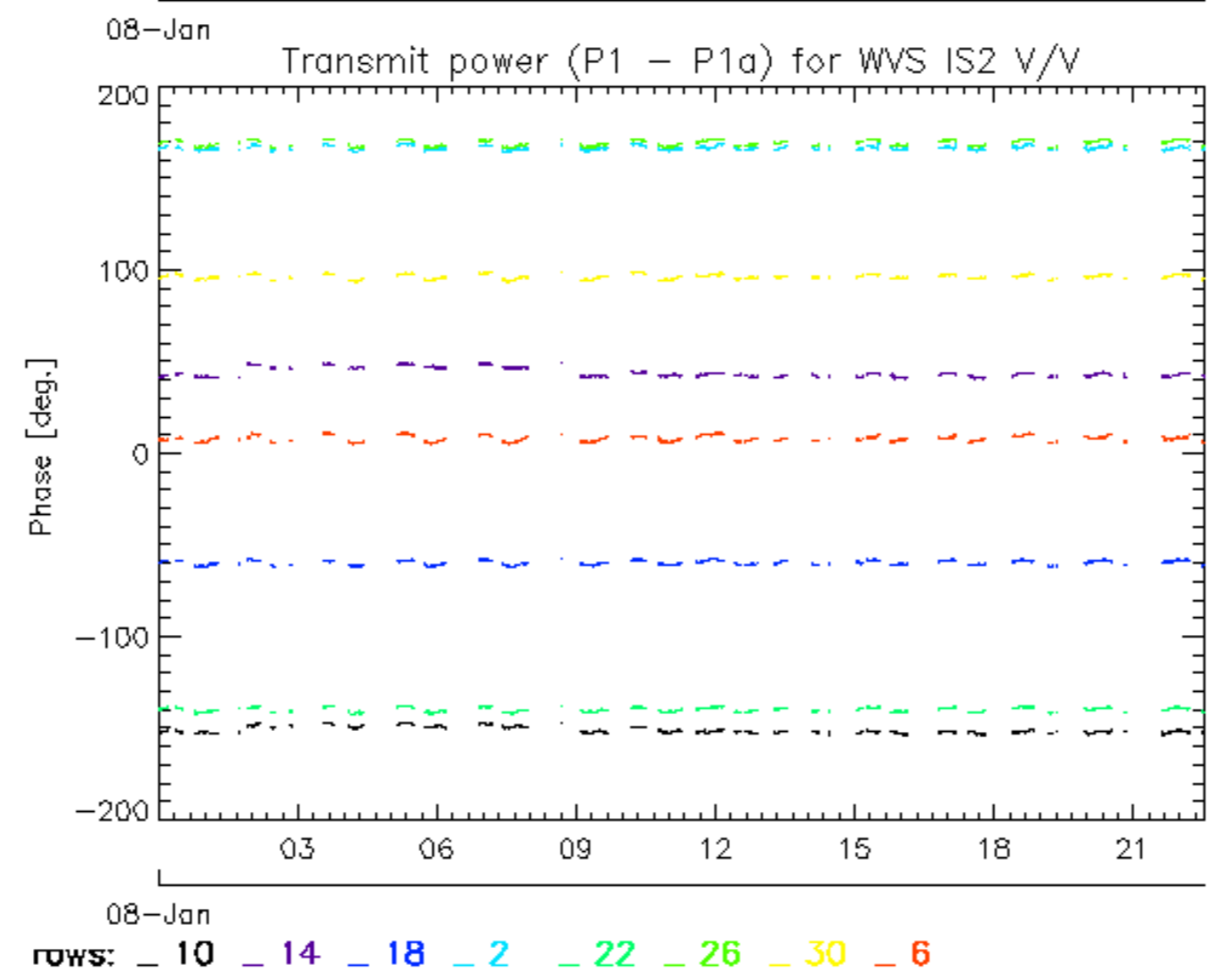
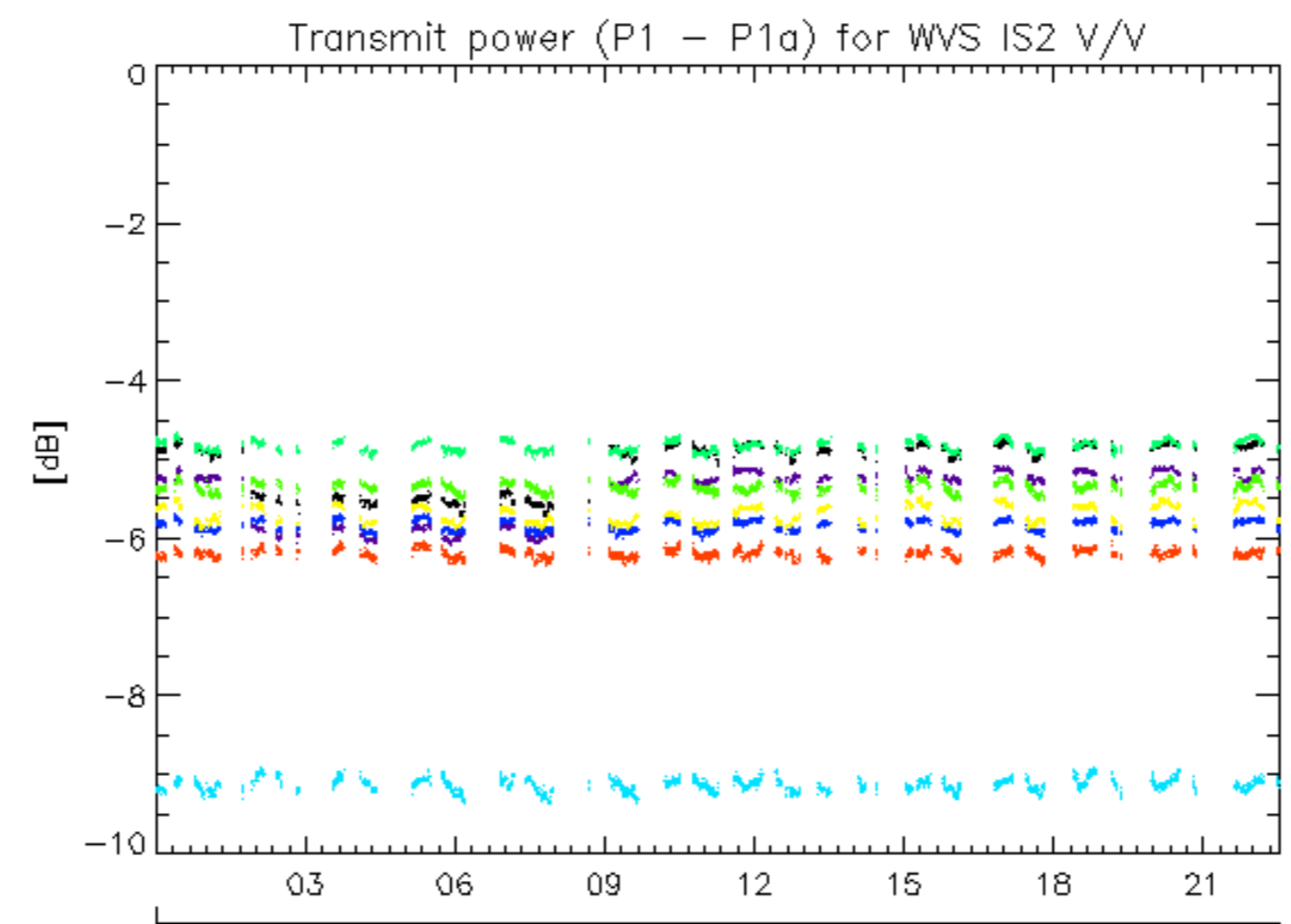
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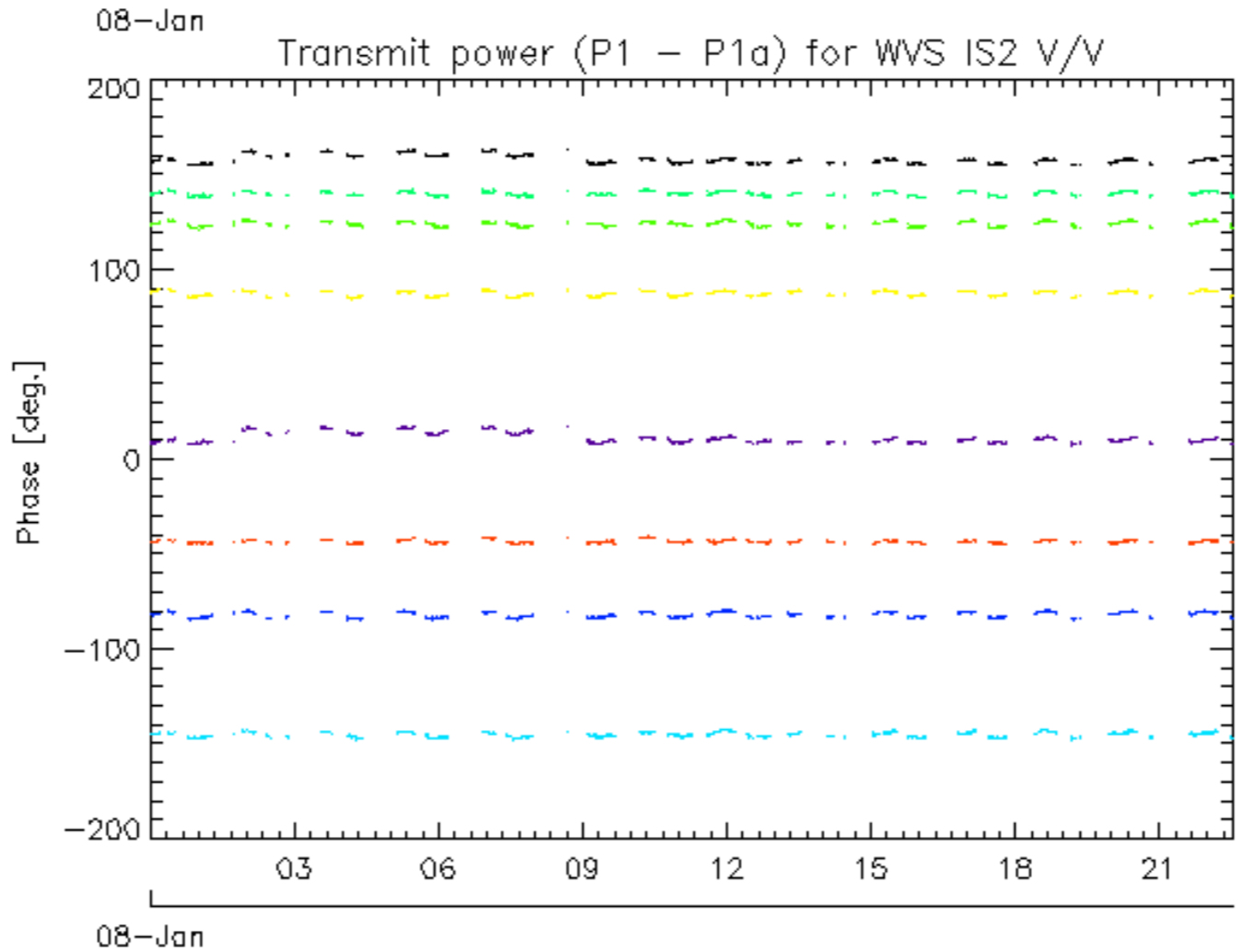
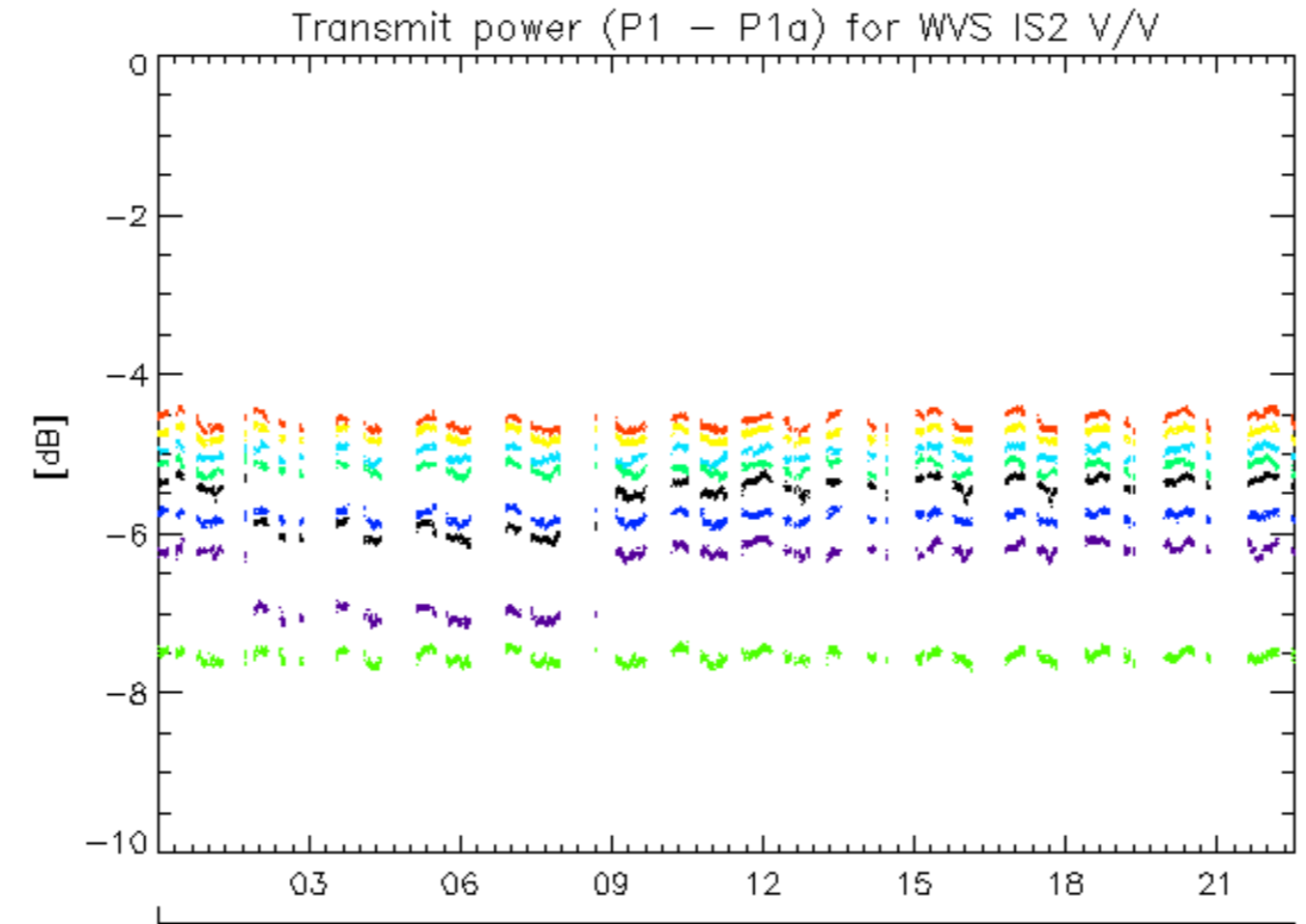


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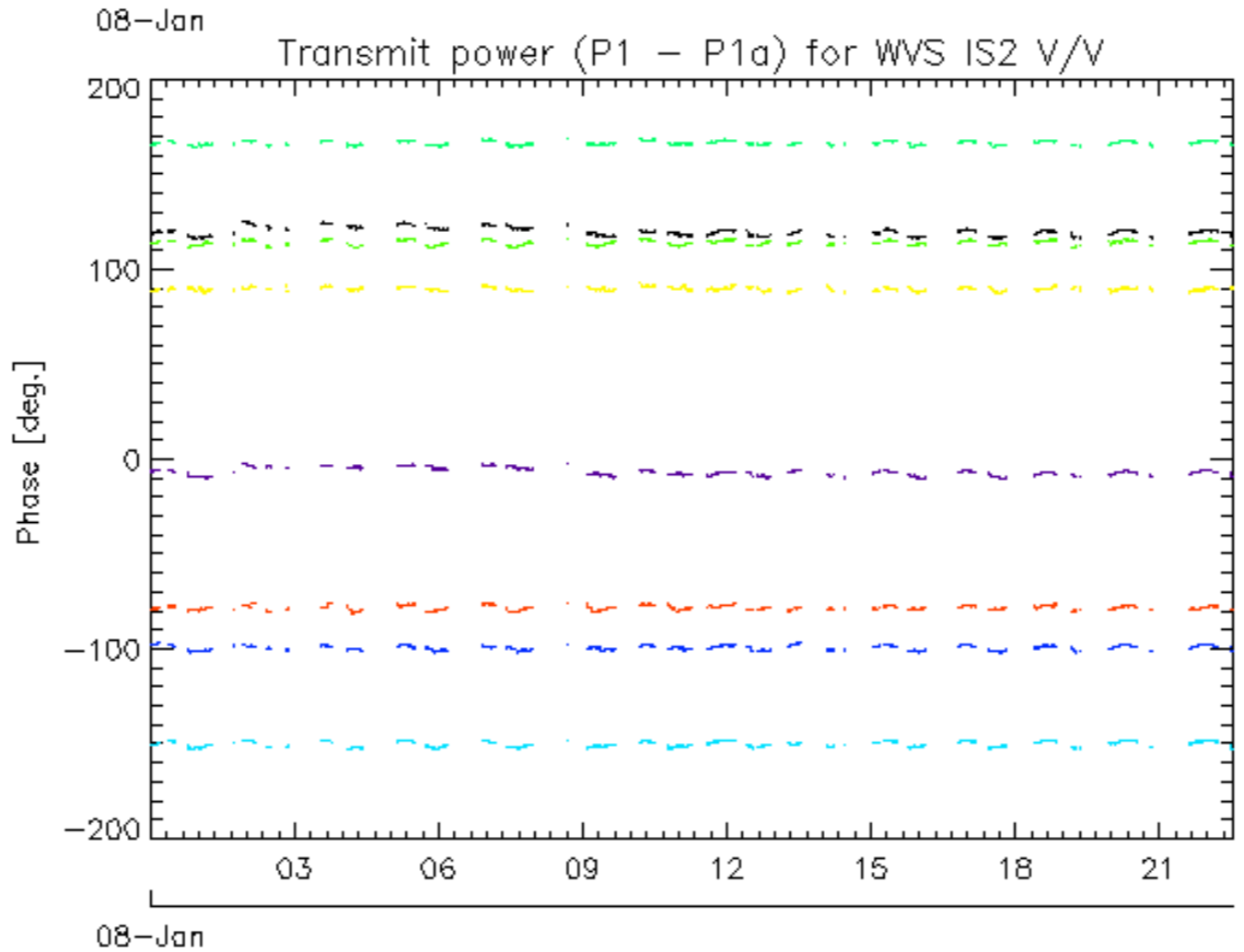
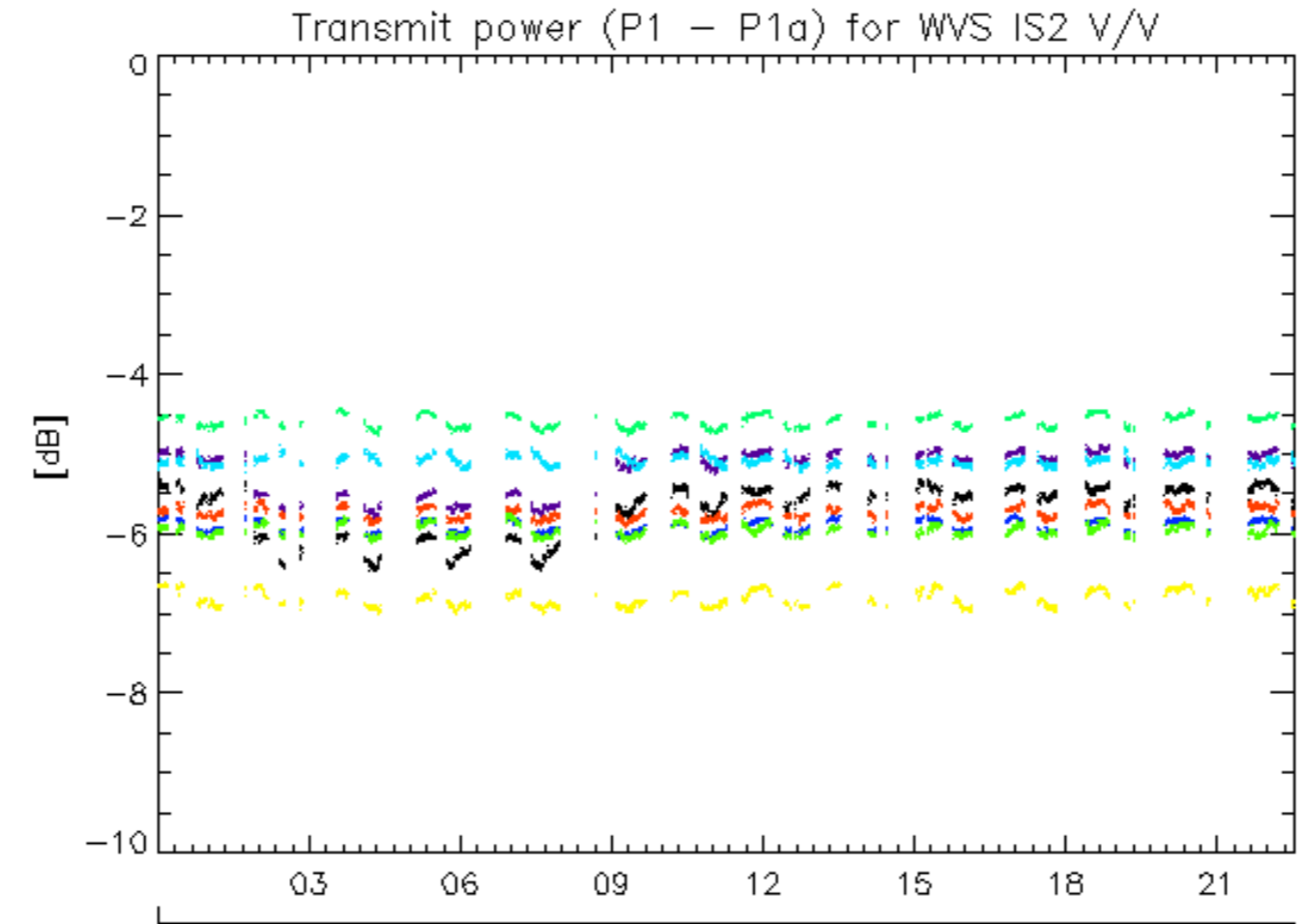


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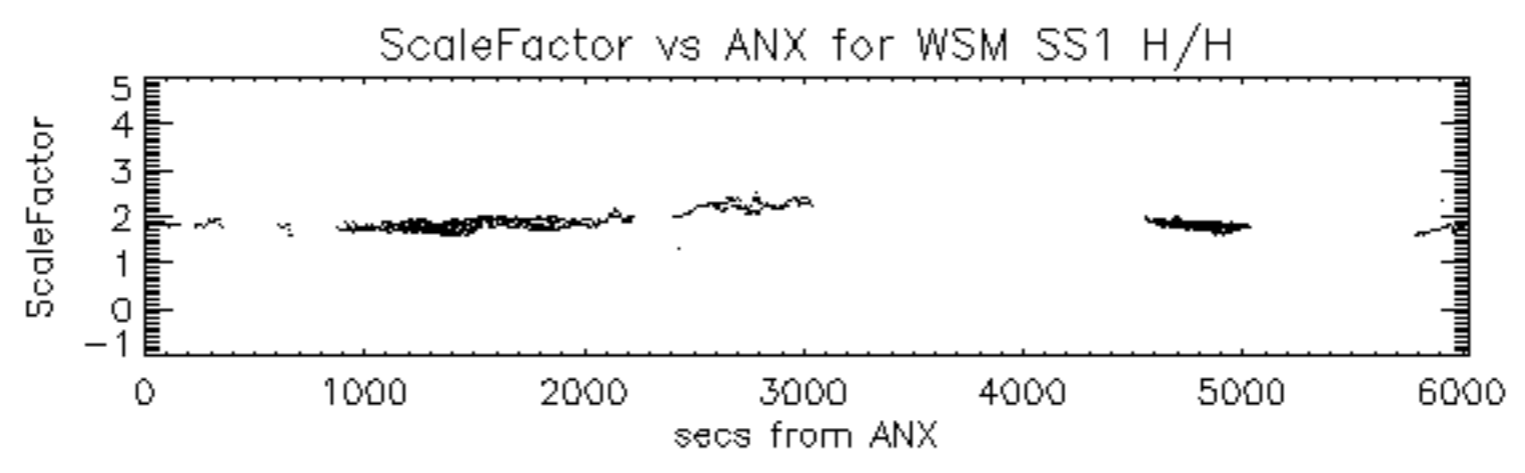




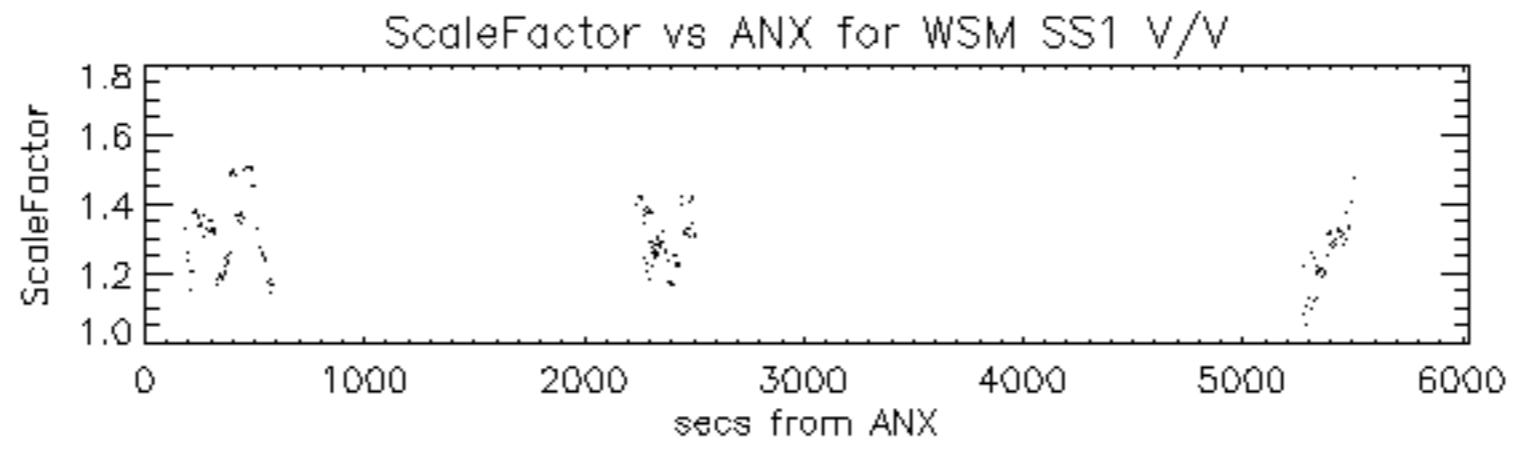
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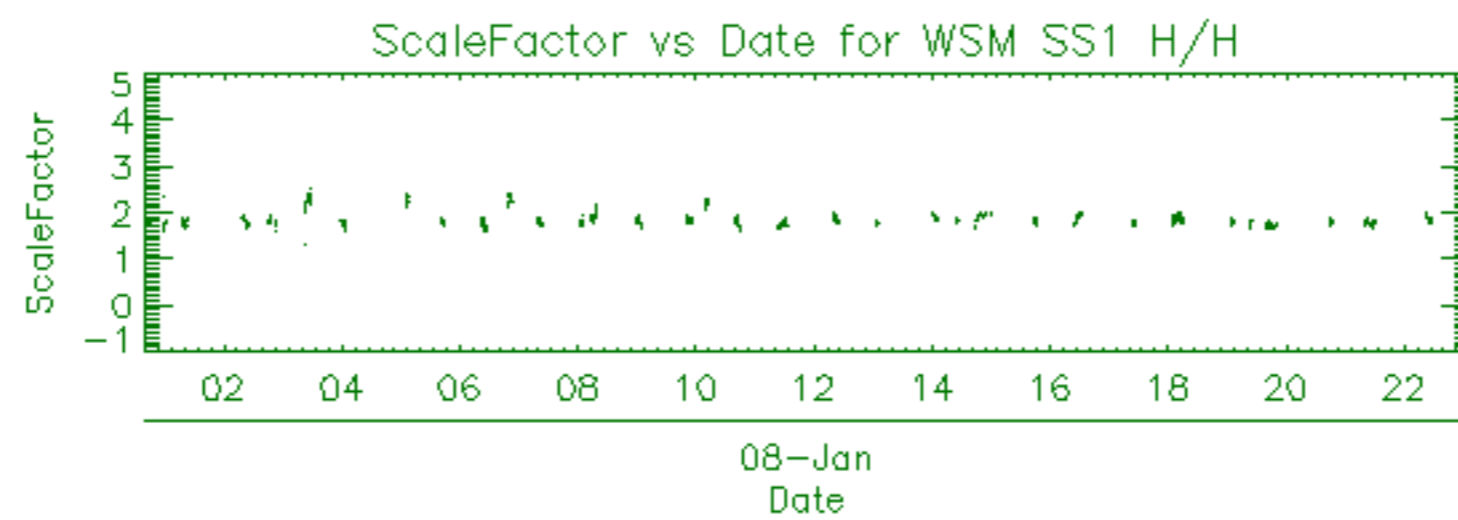


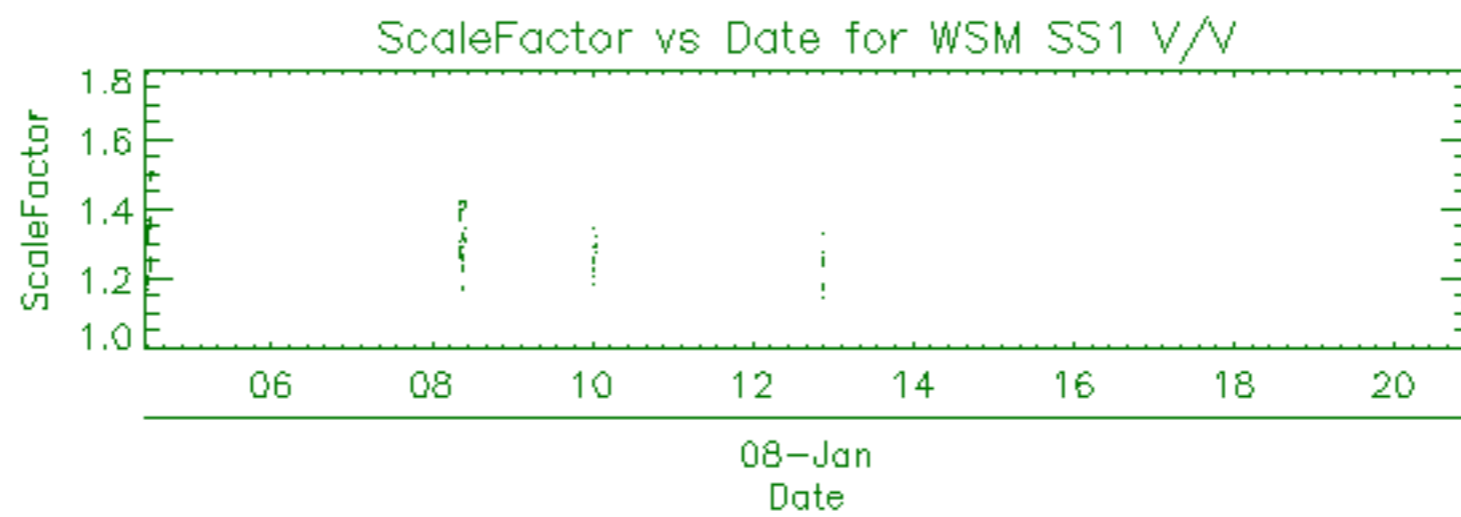
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120108_014730_000000993110_00247_51554_7665.N1						IS4	H/V	110	51554	247	5.04
ASA_APM_1PNPDE20120108_023901_000000453110_00247_51554_7686.N1						IS1	V/H	110	51554	247	5.04
ASA_APM_1PNPDK20120108_083130_000000433110_00251_51558_3306.N1						IS1	V/H	110	51558	251	5.04
ASA_APM_1PNPDK20120108_083328_000000433110_00251_51558_3308.N1						IS1	V/H	110	51558	251	5.04
ASA_APM_1PNPDE20120108_133544_000000743110_00254_51561_7883.N1						IS1	V/H	110	51561	254	5.04
ASA_APM_1PNPDE20120108_151058_000000433110_00255_51562_7886.N1						IS1	V/H	110	51562	255	5.04
ASA_APM_1PNPDE20120108_151245_000000403110_00255_51562_7888.N1						IS1	V/H	110	51562	255	5.04
ASA_APM_1PNPDE20120108_160912_000001143110_00256_51563_7889.N1						IS4	H/V	110	51563	256	5.04
ASA_APM_1PNPDE20120108_163931_000000583110_00256_51563_7897.N1						IS7	H/H	110	51563	256	5.04
ASA_APM_1PNPDE20120108_181731_000000753110_00257_51564_7905.N1						IS4	H/H	110	51564	257	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20120108_001235_000005313110_00246_51553_7633.N1						SS1	H/H	110	51553	246	5.04
ASA_GM1_1PNPDE20120108_003002_000005793110_00246_51553_7639.N1						SS1	H/H	110	51553	246	5.04
ASA_GM1_1PNPDE20120108_012335_000011423110_00247_51554_7669.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_014552_00000903110_00247_51554_7668.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_014928_000003023110_00247_51554_7671.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_015730_000001503110_00247_51554_7673.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_021012_000005013110_00247_51554_7682.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_023106_000000663110_00247_51554_7698.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_023221_000003983110_00247_51554_7699.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_024004_000002953110_00247_51554_7700.N1						SS1	H/H	110	51554	247	5.04
ASA_GM1_1PNPDE20120108_025511_000016013110_00248_51555_7703.N1						SS1	H/H	110	51555	248	5.04
ASA_GM1_1PNPDE20120108_032901_000001383110_00248_51555_7707.N1						SS1	H/H	110	51555	248	5.04
ASA_GM1_1PNPDE20120108_035031_000004893110_00248_51555_7735.N1						SS1	H/H	110	51555	248	5.04
ASA_GM1_1PNPDE20120108_040551_000001873110_00248_51555_7736.N1						SS1	H/H	110	51555	248	5.04
ASA_GM1_1PNPDE20120108_043048_000017943110_00249_51556_7739.N1						SS1	H/H	110	51556	249	5.04
ASA_GM1_1PNPDE20120108_050311_000001143110_00249_51556_7741.N1						SS1	H/H	110	51556	249	5.04
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ASA_GM1_1PNPDE20120108_061310_000001083110_00250_51557_7773.N1						SS1	H/H	110	51557	250	5.04
ASA_GM1_1PNPDE20120108_061746_000001873110_00250_51557_7775.N1						SS1	H/H	110	51557	250	5.04
ASA_GM1_1PNPDE20120108_062741_000002833110_00250_51557_7776.N1						SS1	H/H	110	51557	250	5.04
ASA_GM1_1PNPDE20120108_063536_000004163110_00250_51557_7777.N1						SS1	H/H	110	51557	250	5.04
ASA_GM1_1PNPDE20120108_064342_000002413110_00250_51557_7778.N1						SS1	H/H	110	51557	250	5.04
ASA_GM1_1PNPDE20120108_064924_000000783110_00250_51557_7787.N1						SS1	H/H	110	51557	250	5.04
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ASA_GM1_1PNPDK20120108_080610_000002293110_00251_51558_3279.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_080845_000002593110_00251_51558_3307.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_082445_000004043110_00251_51558_3309.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_083432_000003443110_00251_51558_3310.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_085111_000003203110_00251_51558_3311.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_085621_000001813110_00251_51558_3313.N1						SS1	H/H	110	51558	251	5.04
ASA_GM1_1PNPDK20120108_094008_000005493110_00252_51559_3314.N1						SS1	H/H	110	51559	252	5.04
ASA_GM1_1PNPDK20120108_100539_000001633110_00252_51559_3340.N1						SS1	H/H	110	51559	252	5.04
ASA_GM1_1PNPDK20120108_103127_000004833110_00252_51559_3346.N1						SS1	H/H	110	51559	252	5.04
ASA_GM1_1PNPDK20120108_111715_000003503110_00253_51560_3347.N1						SS1	H/H	110	51560	253	5.04
ASA_GM1_1PNPDK20120108_121138_000004343110_00253_51560_3379.N1						SS1	H/H	110	51560	253	5.04
ASA_GM1_1PNPDK20120108_123412_000002053110_00253_51560_3380.N1						SS1	H/H	110	51560	253	5.04
ASA_GM1_1PNPDK20120108_124007_000001143110_00253_51560_3382.N1						SS1	H/H	110	51560	253	5.04
ASA_GM1_1PNPDK20120108_125519_000004773110_00254_51561_3383.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_130510_000002833110_00254_51561_3385.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_130843_000004833110_00254_51561_3405.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_133152_000002293110_00254_51561_3406.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_133718_000003203110_00254_51561_3407.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_134248_000003683110_00254_51561_3408.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_135153_000005733110_00254_51561_3410.N1						SS1	H/H	110	51561	254	5.04
ASA_GM1_1PNPDK20120108_141406_000002833110_00254_51561_3412.N1						SS1	H/H	110	51561	254	5.04
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ASA_GM1_1PNPDK20120108_191734_000001753110_00257_51564_3487.N1						SS1	H/H	110	51564	257	5.04
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ASA_GM1_1PNPDE20120108_213025_000004473110_00259_51566_7916.N1	SS1	H/H	110	51566	259	5.04
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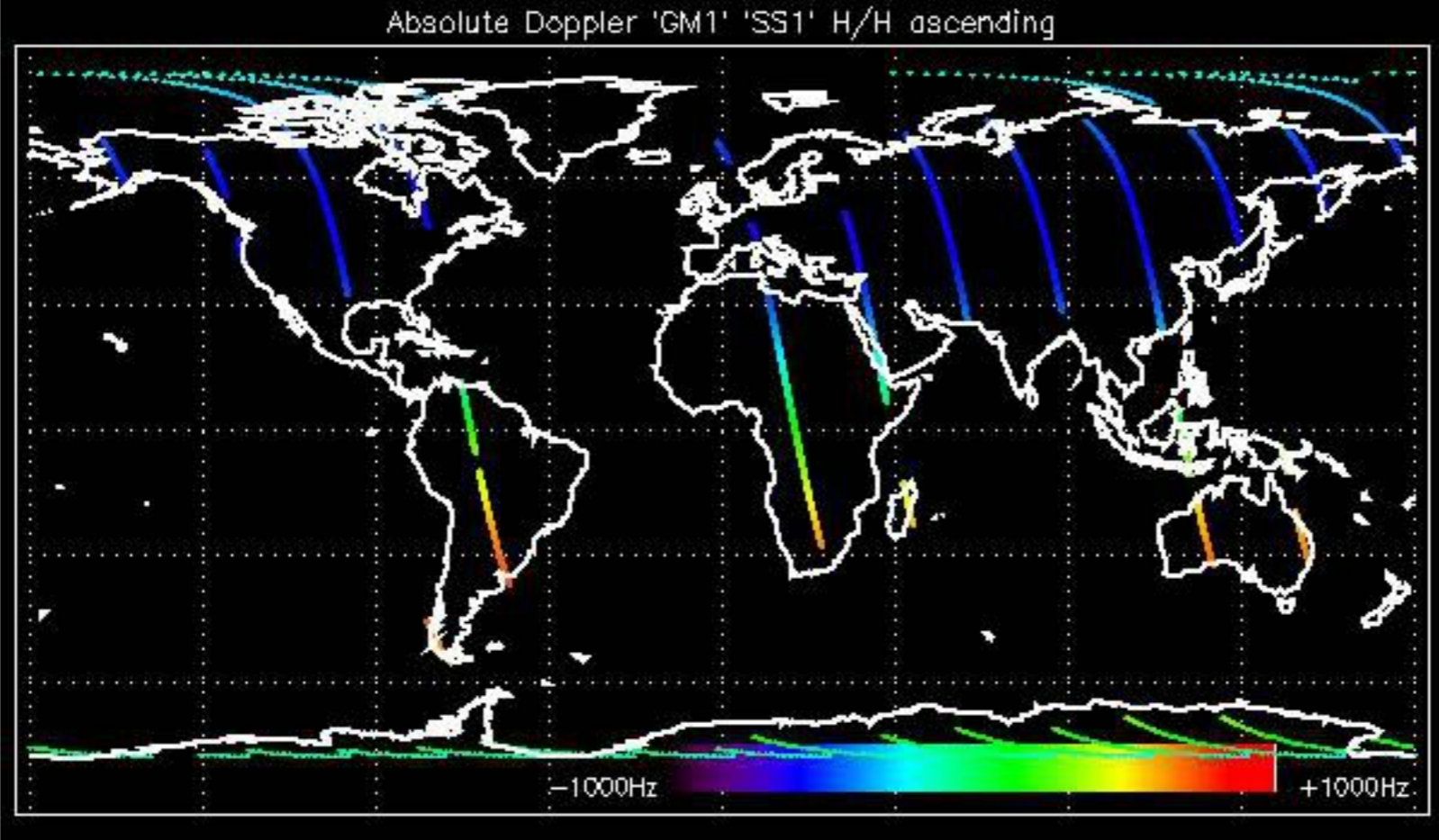
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ASA_IMM_1PNPDK20120108_063221_000001843110_00250_51557_3262.N1						IS6	H/H	110	51557	250	5.04
ASA_IMM_1PNPDE20120108_064230_000000583110_00250_51557_7768.N1						IS6	H/H	110	51557	250	5.04
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ASA_IMM_1PNPDE20120108_095753_000000383110_00252_51559_7832.N1						IS6	H/H	110	51559	252	5.04
ASA_IMM_1PNPDK20120108_123323_000000373110_00253_51560_3393.N1						IS2	H/H	110	51560	253	5.04
ASA_IMM_1PNPDE20120108_164131_000000973110_00256_51563_7896.N1						IS6	H/H	110	51563	256	5.04
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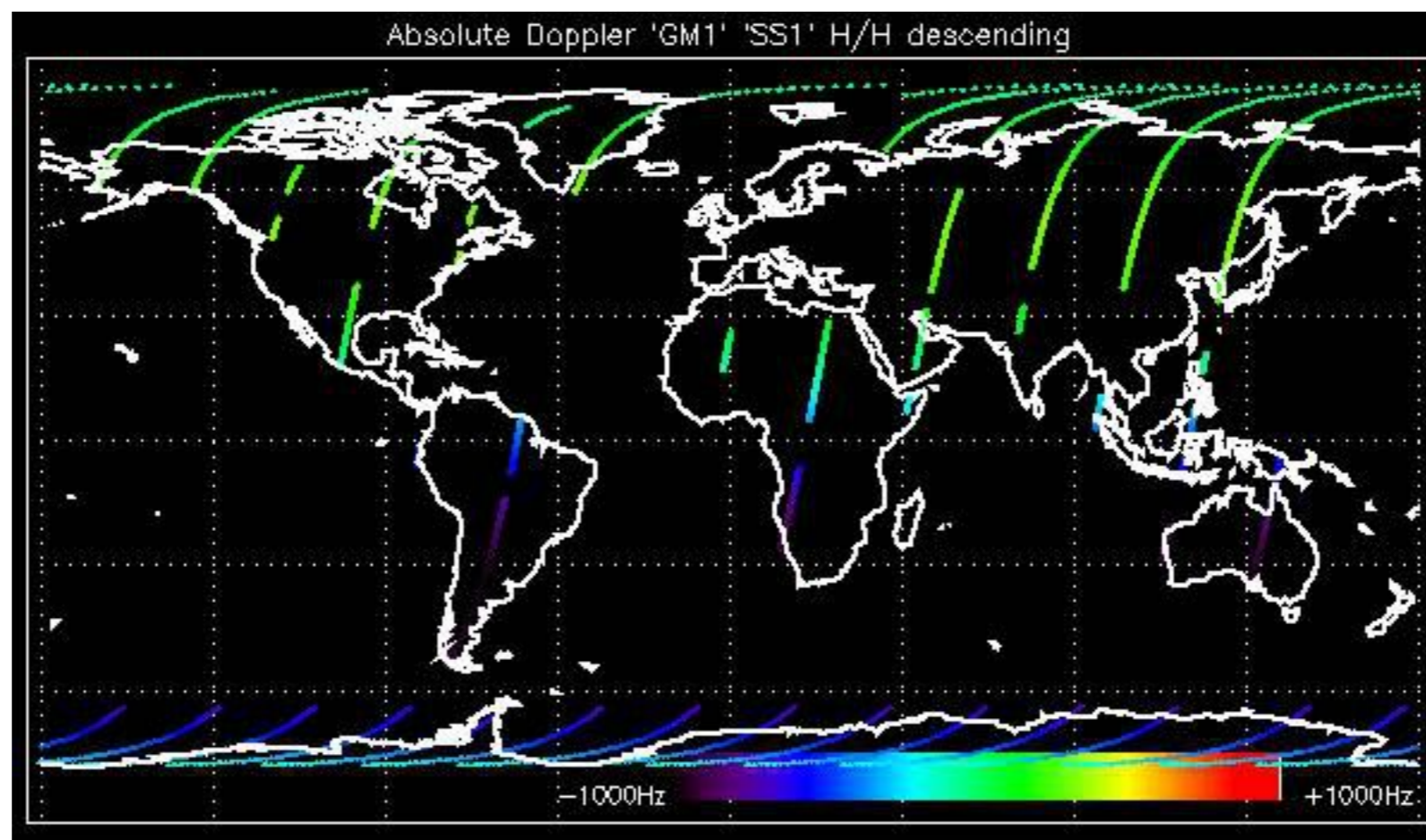
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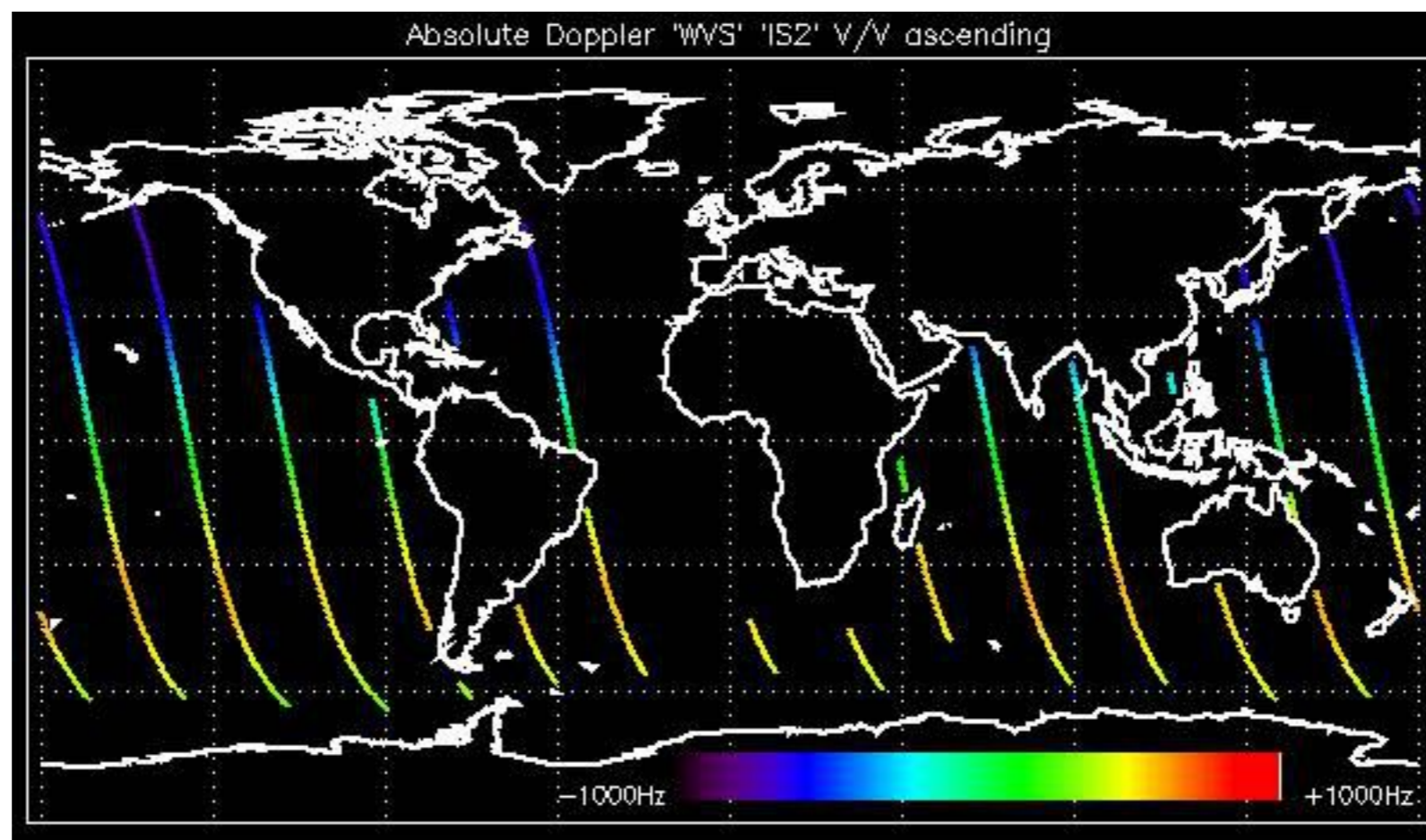


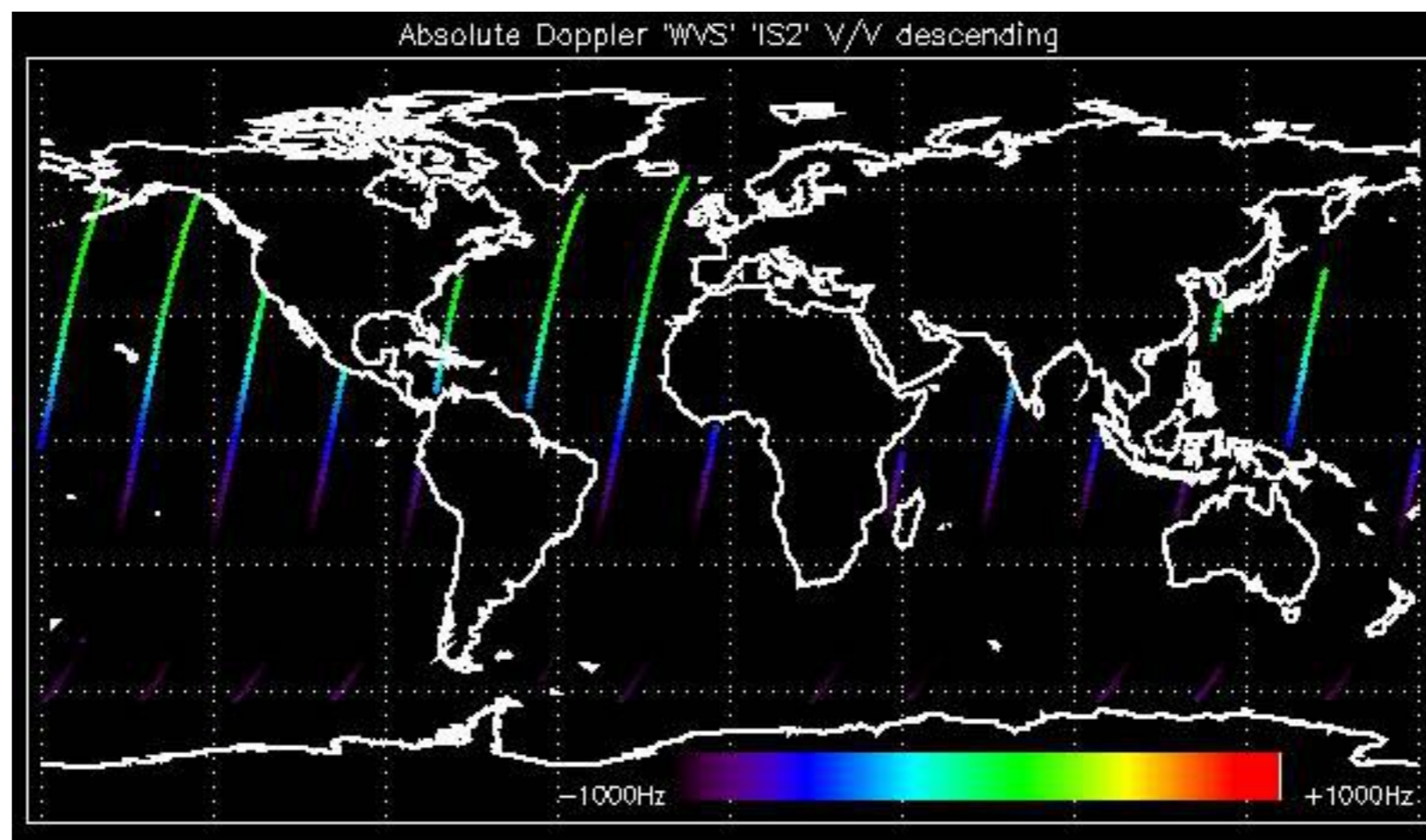
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ASA_WSM_1PNPDE20120108_005729_000002143110_00246_51553_7648.N1						SS1	H/H	110	51553	246	5.04
ASA_WSM_1PNPDE20120108_011647_000004043110_00247_51554_7664.N1						SS1	H/H	110	51554	247	5.04
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7674.N1						SS1	H/H	110	51554	247	5.04
ASA_WSM_1PNPDE20120108_021835_000003923110_00247_51554_7687.N1						SS1	H/H	110	51554	247	5.04
ASA_WSM_1PNPDE20120108_024538_000001533110_00248_51555_7694.N1						SS1	H/H	110	51555	248	5.04
ASA_WSM_1PNPDE20120108_025142_000000923110_00248_51555_7695.N1						SS1	H/H	110	51555	248	5.04
ASA_WSM_1PNPDE20120108_032154_000004283110_00248_51555_7697.N1						SS1	H/H	110	51555	248	5.04
ASA_WSM_1PNPDE20120108_035842_000003303110_00248_51555_7732.N1						SS1	H/H	110	51555	248	5.04
ASA_WSM_1PNPDE20120108_042508_000003363110_00249_51556_7737.N1						SS1	V/V	110	51556	249	5.04
ASA_WSM_1PNPDE20120108_050512_000001533110_00249_51556_7731.N1						SS1	H/H	110	51556	249	5.04
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ASA_WSM_1PNPDE20120108_081305_000002263110_00251_51558_7807.N1						SS1	H/H	110	51558	251	5.04
ASA_WSM_1PNPDE20120108_081653_000001773110_00251_51558_7808.N1						SS1	H/H	110	51558	251	5.04
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ASA_WSM_1PNPDK20120108_085925_000003303110_00251_51558_3322.N1						SS1	H/H	110	51558	251	5.04
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ASA_WSM_1PNPDE20120108_095345_000002263110_00252_51559_7831.N1						SS1	H/H	110	51559	252	5.04
ASA_WSM_1PNPDE20120108_100038_000001103110_00252_51559_7833.N1						SS1	V/V	110	51559	252	5.04
ASA_WSM_1PNPDE20120108_100827_000002083110_00252_51559_7834.N1						SS1	H/H	110	51559	252	5.04
ASA_WSM_1PNPDE20120108_103931_000003303110_00252_51559_7859.N1						SS1	H/H	110	51559	252	5.04
ASA_WSM_1PNPDE20120108_112308_000001043110_00253_51560_7858.N1						SS1	H/H	110	51560	253	5.04
ASA_WSM_1PNPDE20120108_112546_000001593110_00253_51560_7850.N1						SS1	H/H	110	51560	253	5.04
ASA_WSM_1PNPDK20120108_112905_000003493110_00253_51560_3355.N1						SS1	H/H	110	51560	253	5.04
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ASA_WSM_1PNPDE20120108_145230_000001533110_00255_51562_7887.N1						SS1	H/H	110	51562	255	5.04
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ASA_WSM_1PNPDE20120108_172343_000001903110_00256_51563_7894.N1						SS1	H/H	110	51563	256	5.04
ASA_WSM_1PNPDK20120108_180348_000002323110_00257_51564_3475.N1						SS1	H/H	110	51564	257	5.04
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ASA_WSM_1PNPDE20120108_181154_000002143110_00257_51564_7904.N1						SS1	H/H	110	51564	257	5.04
ASA_WSM_1PNPDE20120108_190316_000002203110_00257_51564_7903.N1						SS1	H/H	110	51564	257	5.04
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ASA_WSM_1PNPDE20120108_205205_000002513110_00258_51565_7913.N1						SS1	V/V	110	51565	258	5.04
ASA_WSM_1PNPDK20120108_212029_000000923110_00259_51566_3514.N1						SS1	H/H	110	51566	259	5.04
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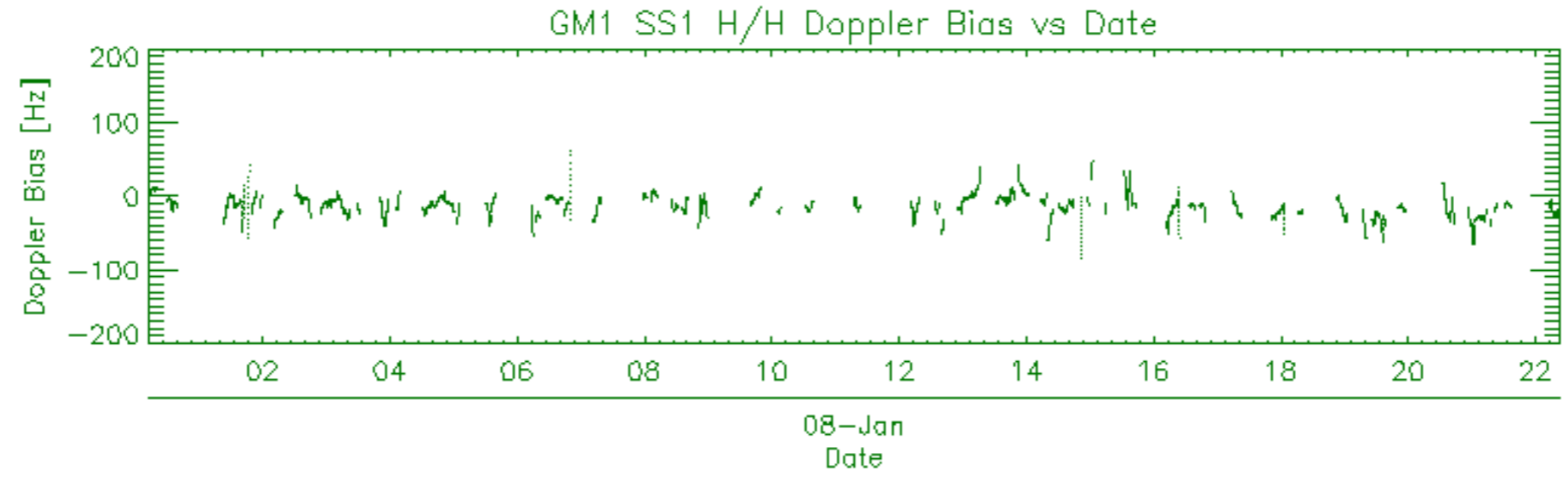
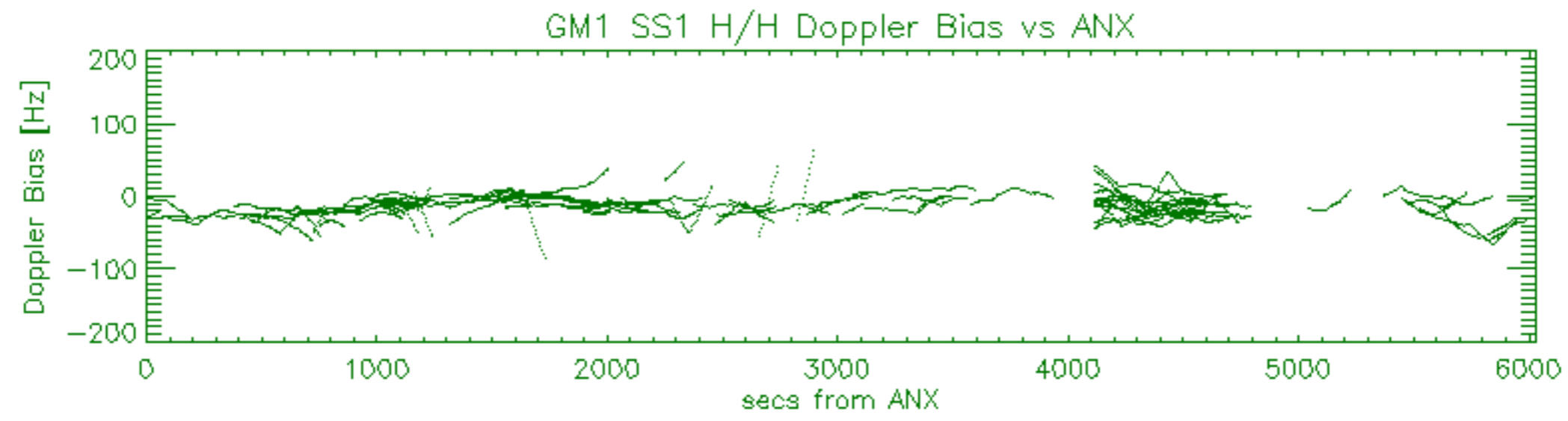
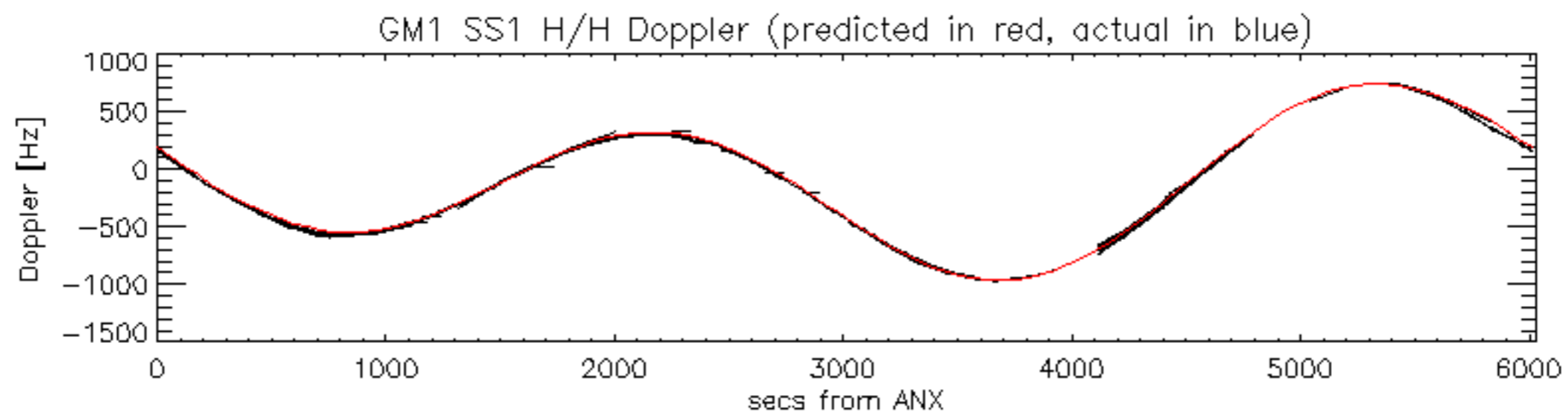
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ASA_WVS_1PNPDE20120108_004528_000003753110_00246_51553_7644.N1						IS2	V/V	110	51553	246	5.04
ASA_WVS_1PNPDE20120108_005058_000003443110_00246_51553_7666.N1						IS2	V/V	110	51553	246	5.04
ASA_WVS_1PNPDE20120108_010100_000008993110_00246_51553_7667.N1						IS2	V/V	110	51553	246	5.04
ASA_WVS_1PNPDE20120108_014240_000001343110_00247_51554_7670.N1						IS2	V/V	110	51554	247	5.04
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ASA_WVS_1PNPDE20120108_022504_000001043110_00247_51554_7684.N1						IS1	V/V	110	51554	247	5.04
ASA_WVS_1PNPDE20120108_024808_000001643110_00248_51555_7702.N1						IS2	V/V	110	51555	248	5.04
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ASA_WVS_1PNPDK20120108_070304_000004353110_00250_51557_3275.N1						IS2	V/V	110	51557	250	5.04
ASA_WVS_1PNPDK20120108_072404_000020393110_00250_51557_3278.N1						IS2	V/V	110	51557	250	5.04
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ASA_WVS_1PNPDK20120108_125329_000000593110_00254_51561_3384.N1						IS2	V/V	110	51561	254	5.04
ASA_WVS_1PNPDK20120108_131648_000008543110_00254_51561_3409.N1						IS2	V/V	110	51561	254	5.04
ASA_WVS_1PNPDK20120108_140530_000004803110_00254_51561_3411.N1						IS2	V/V	110	51561	254	5.04
ASA_WVS_1PNPDK20120108_142627_000000743110_00255_51562_3415.N1						IS2	V/V	110	51562	255	5.04
ASA_WVS_1PNPDK20120108_150231_000004643110_00255_51562_3437.N1						IS2	V/V	110	51562	255	5.04
ASA_WVS_1PNPDK20120108_151534_000009453110_00255_51562_3440.N1						IS2	V/V	110	51562	255	5.04
ASA_WVS_1PNPDK20120108_154656_000013043110_00255_51562_3442.N1						IS2	V/V	110	51562	255	5.04
ASA_WVS_1PNPDK20120108_164910_000013493110_00256_51563_3465.N1						IS2	V/V	110	51563	256	5.04
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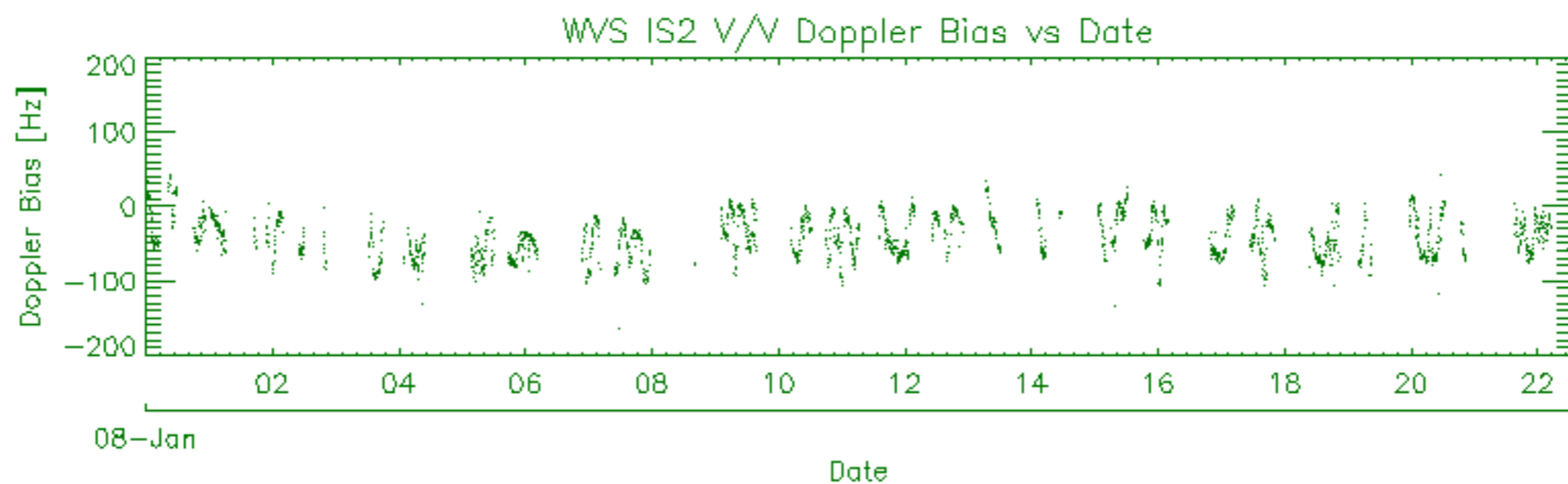
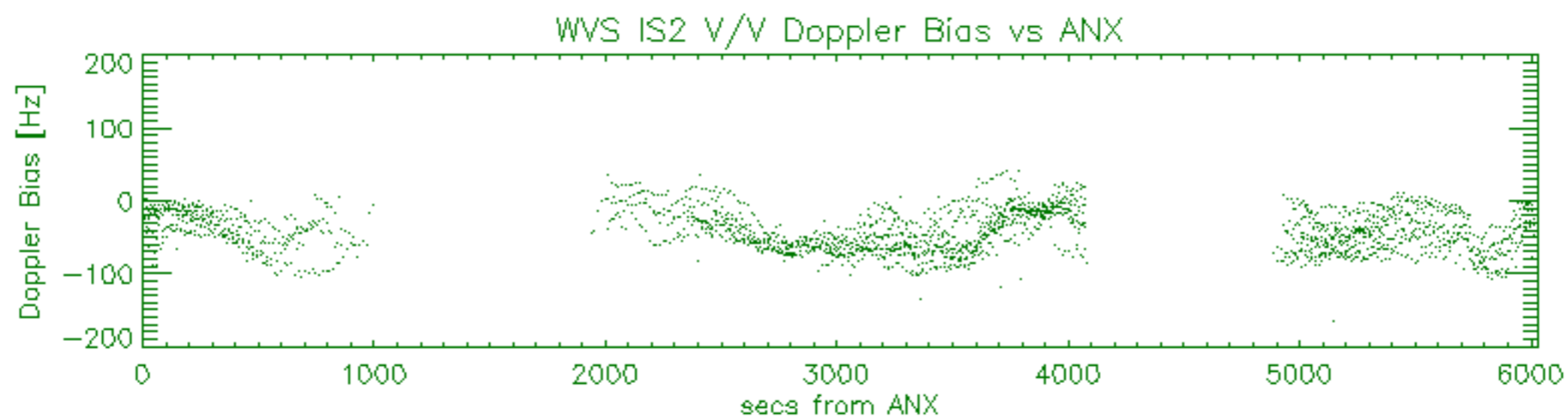
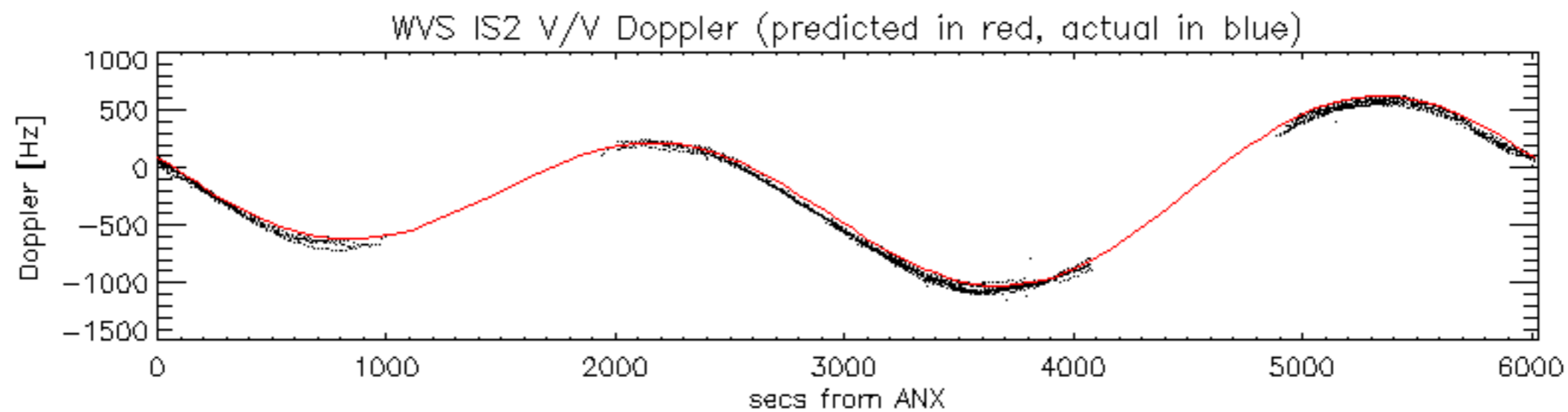




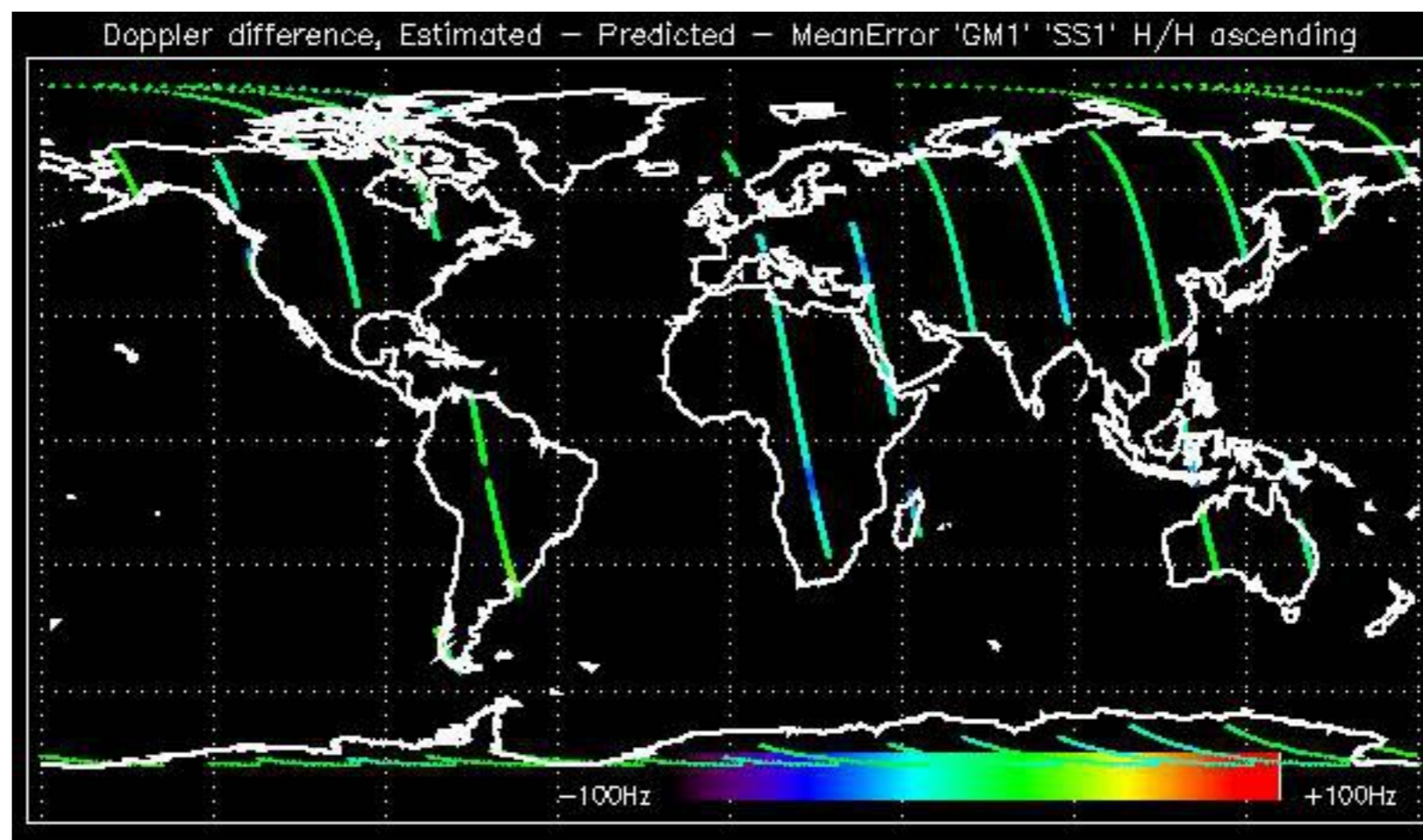


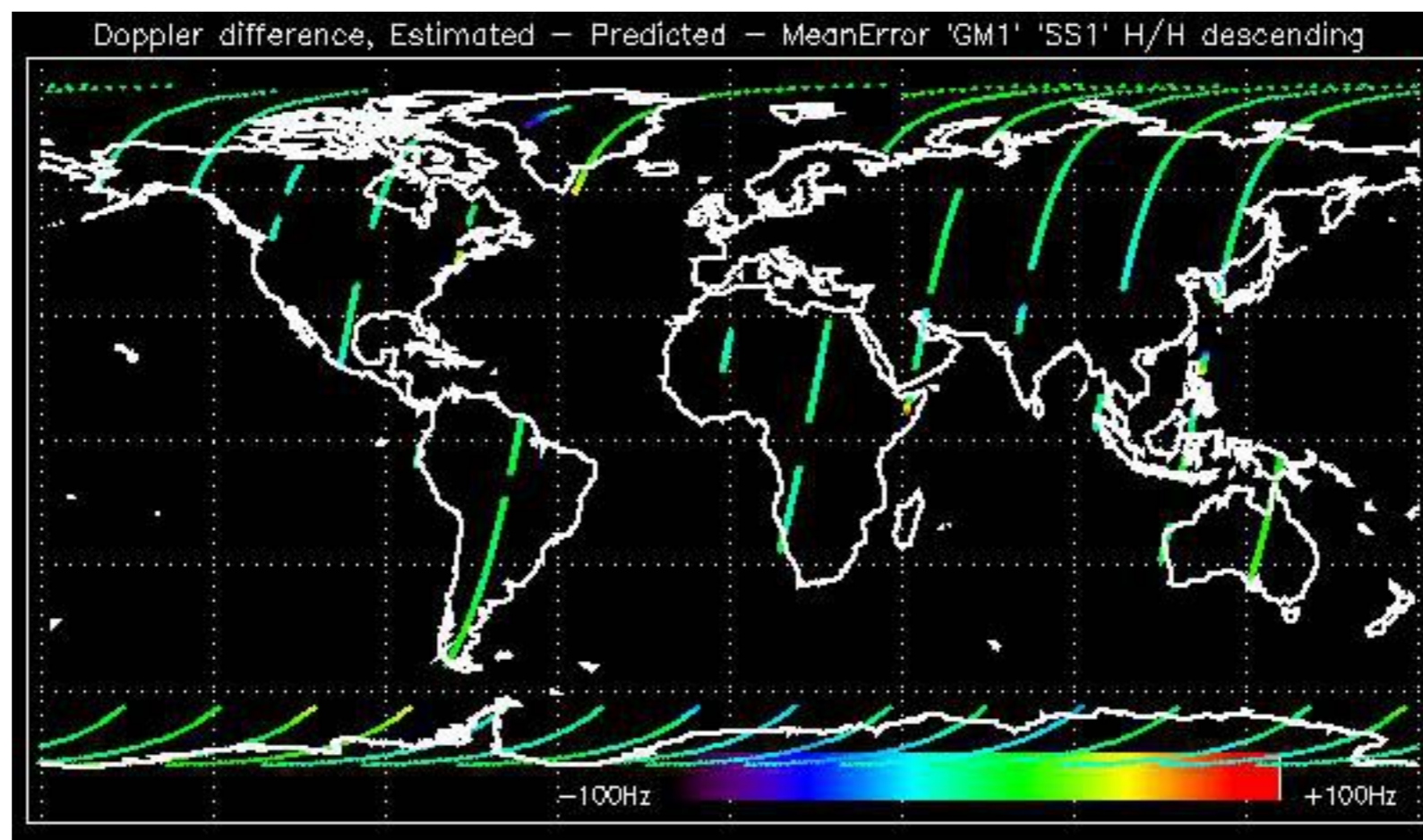


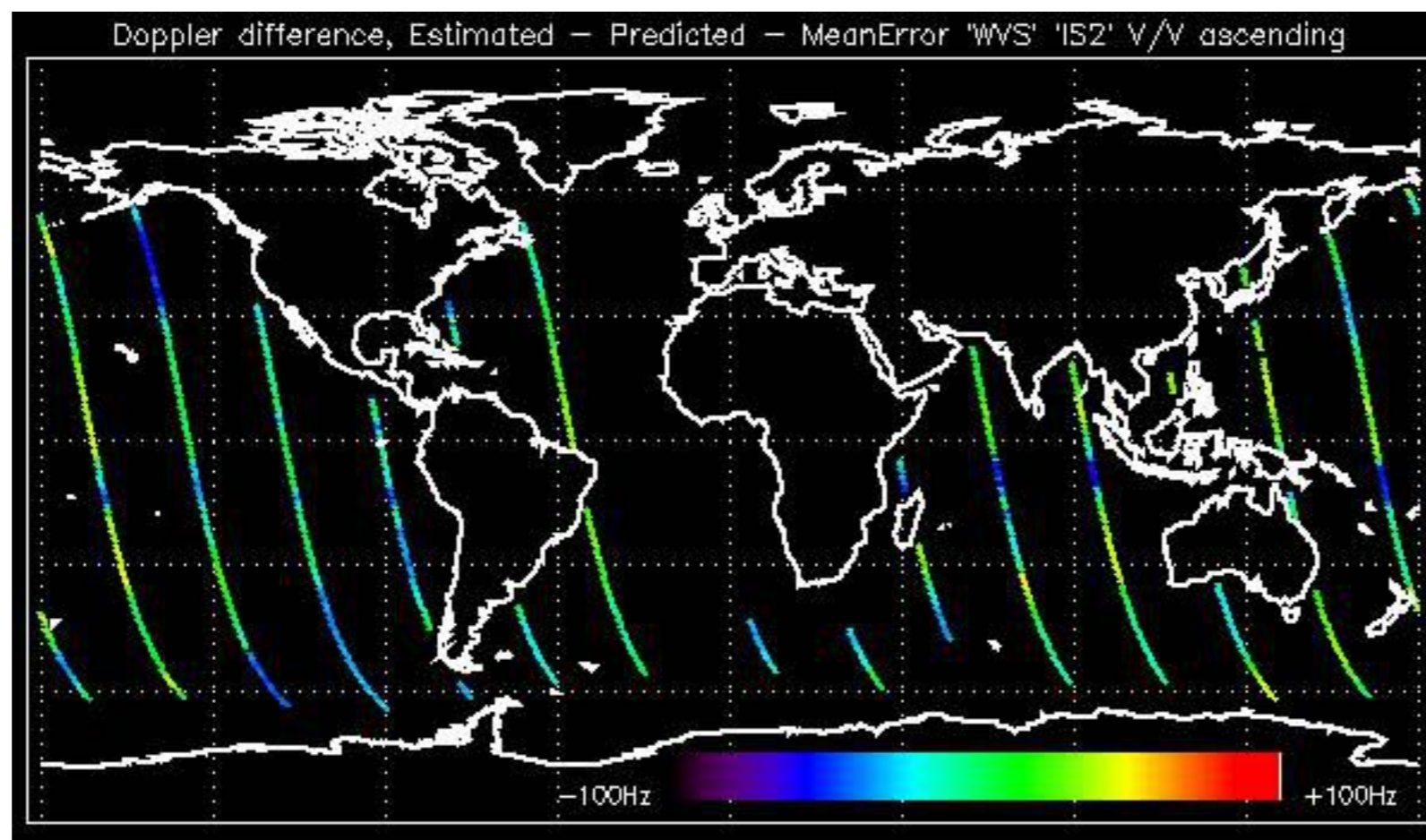


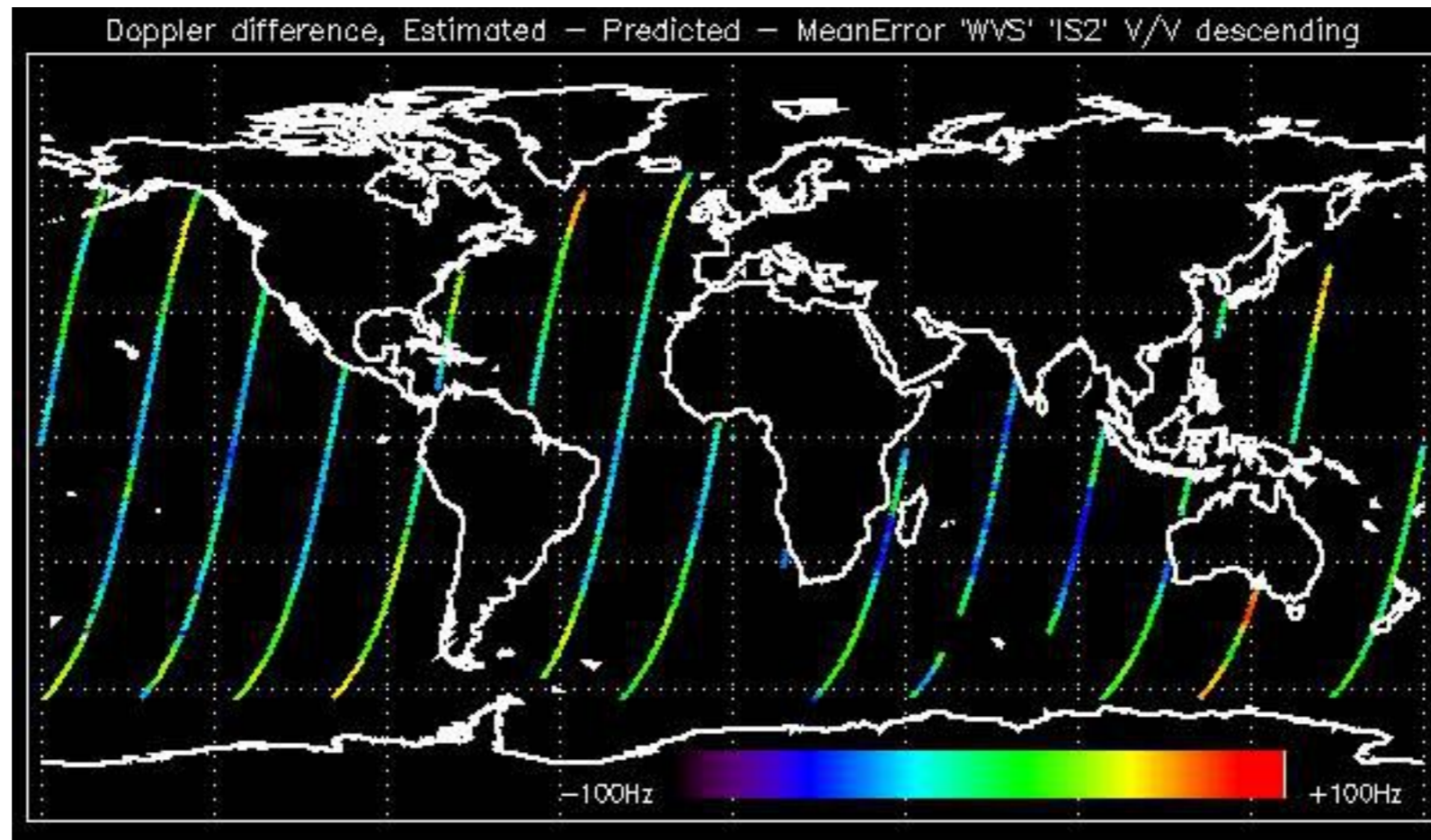


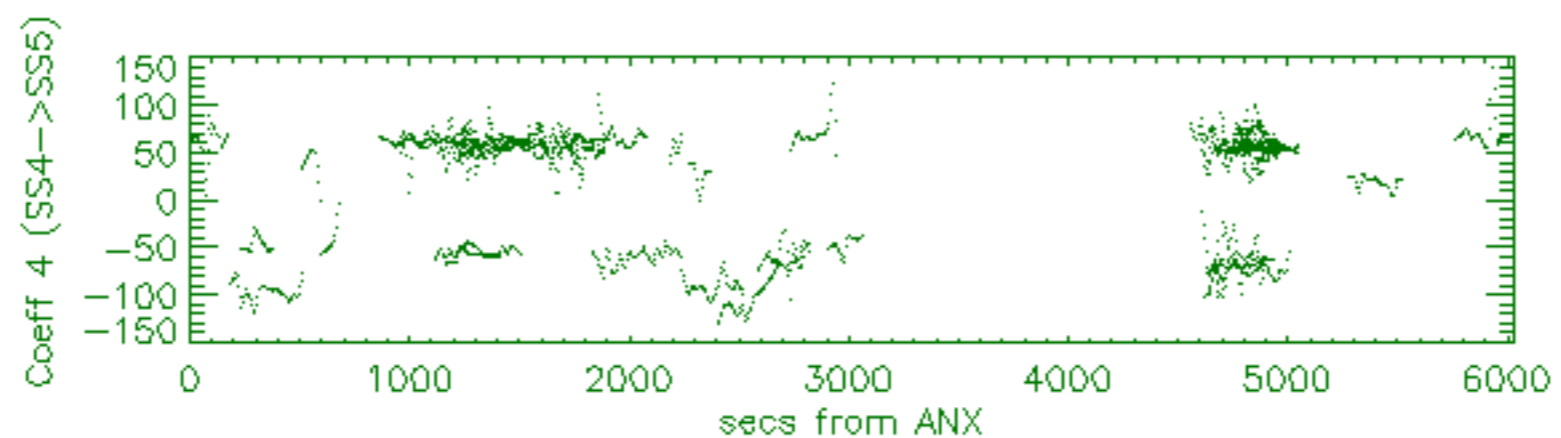
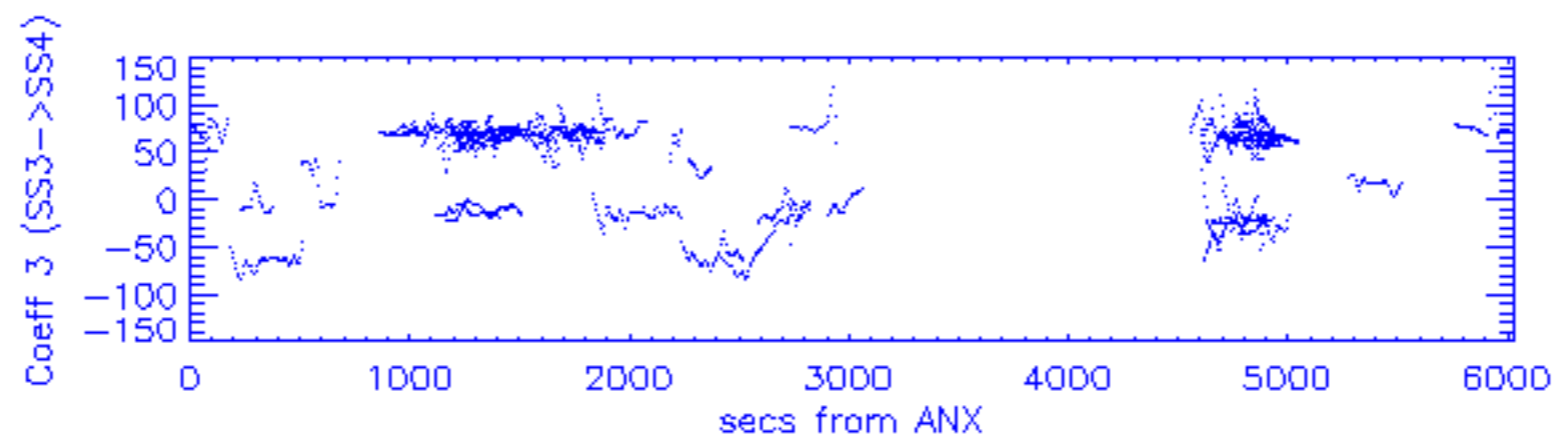
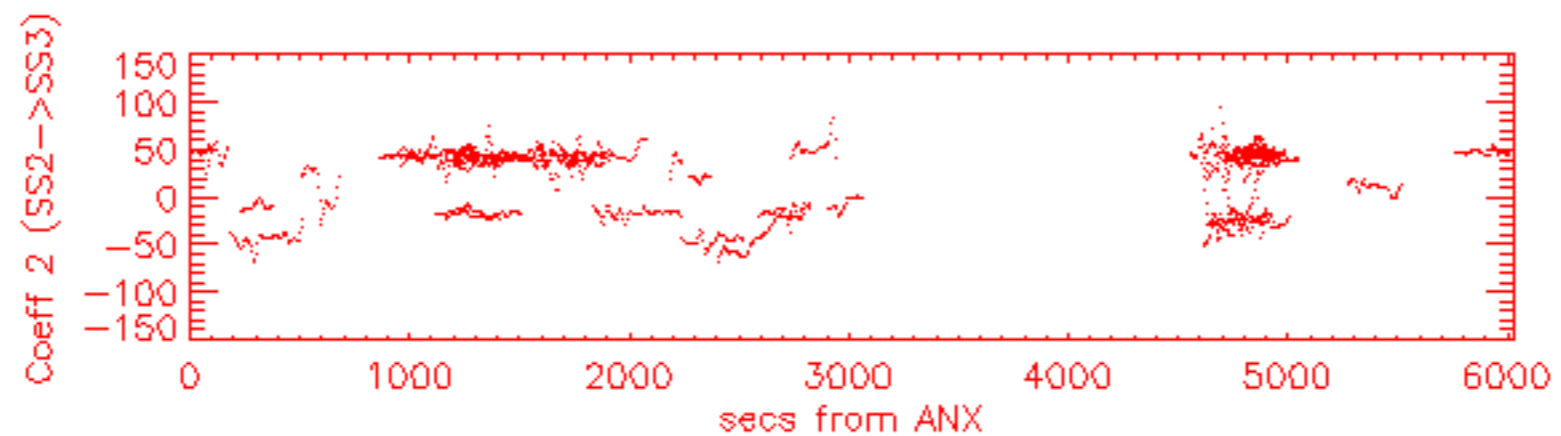
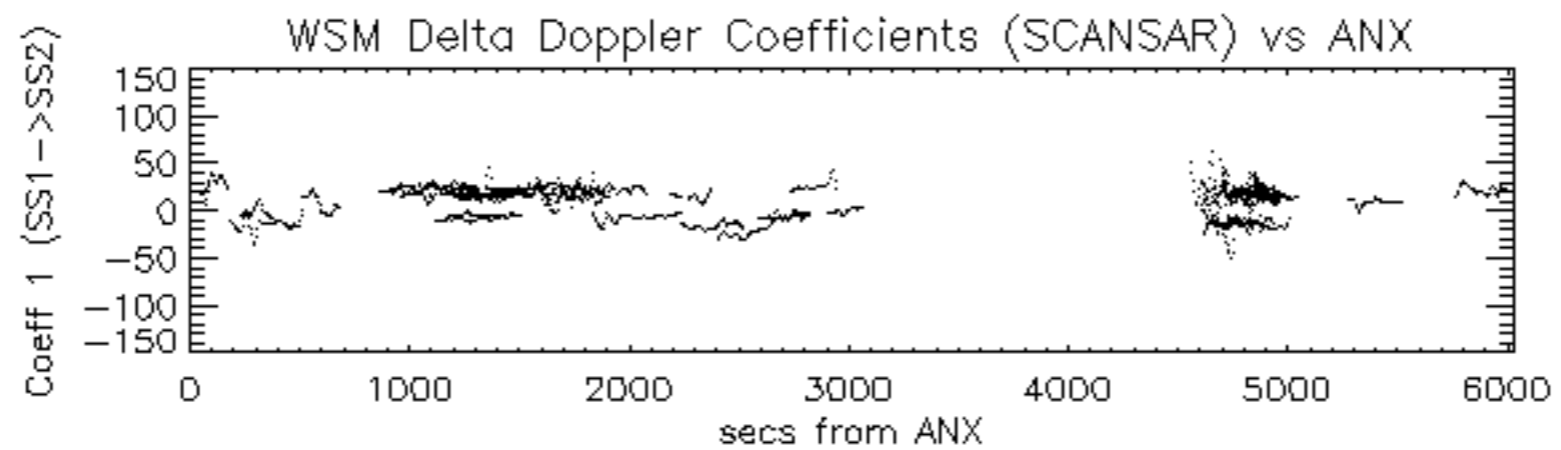


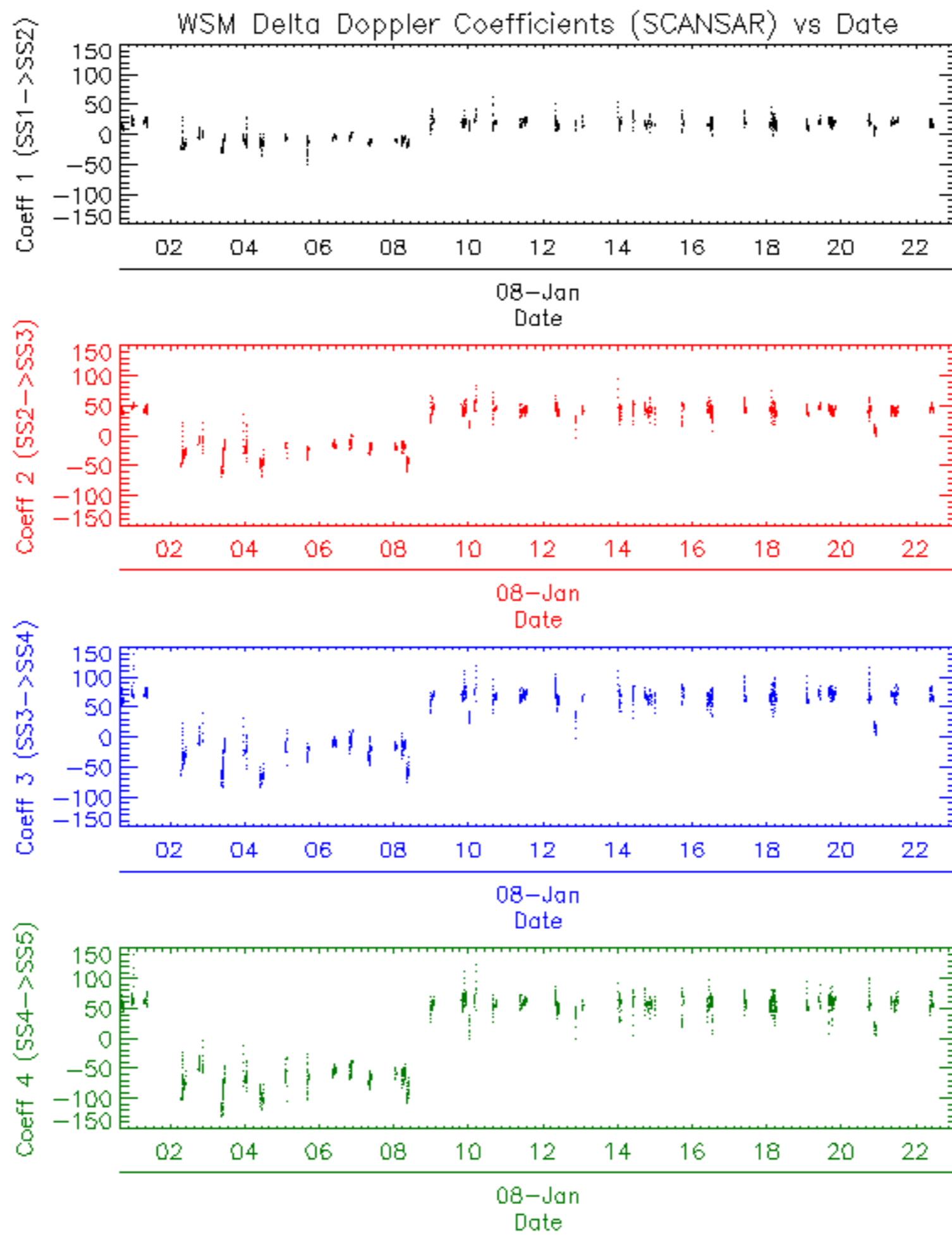




















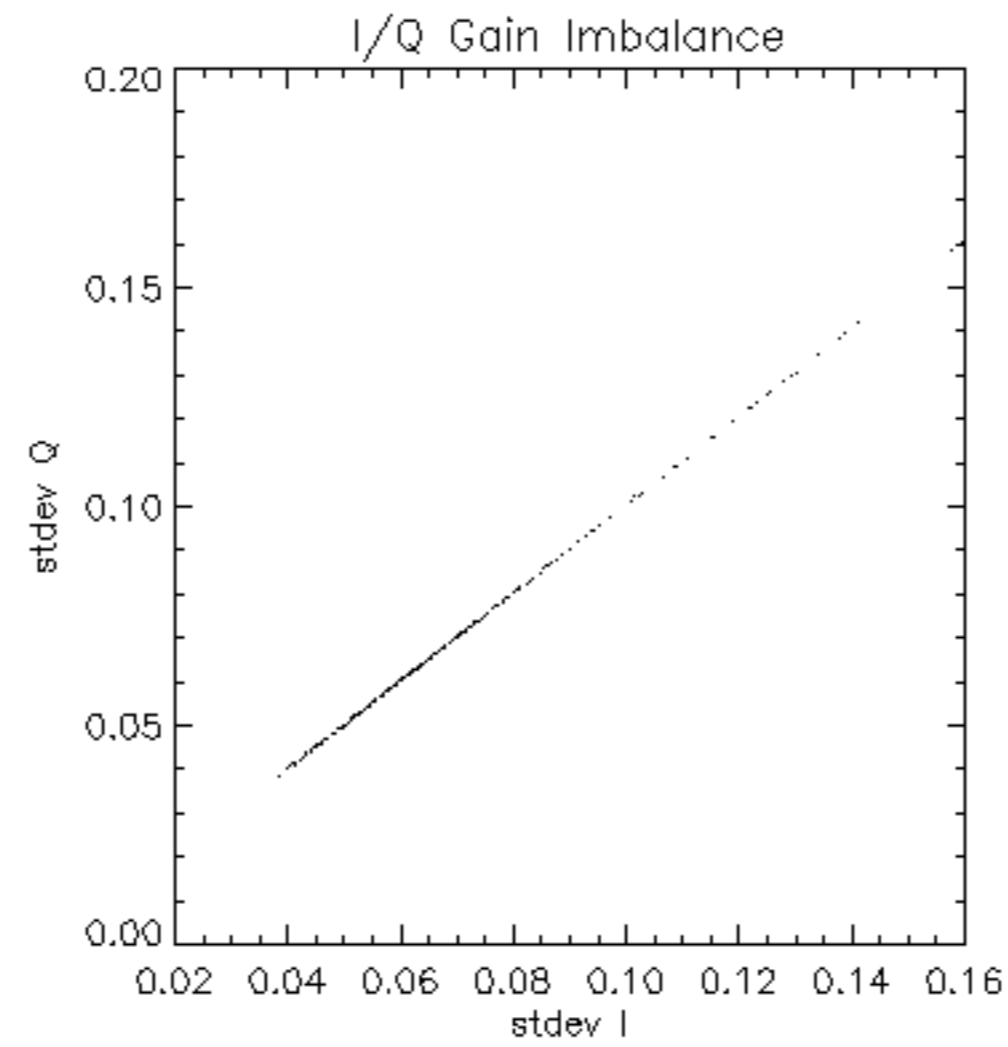


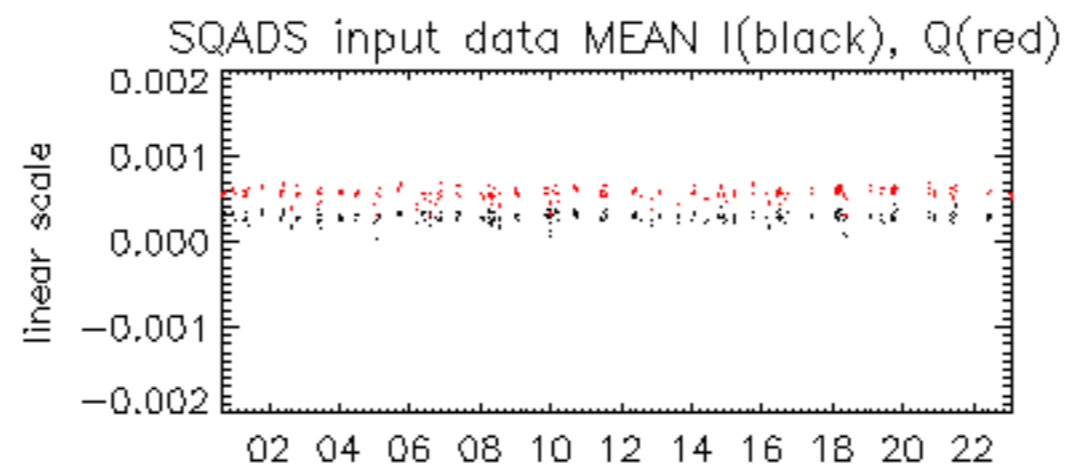




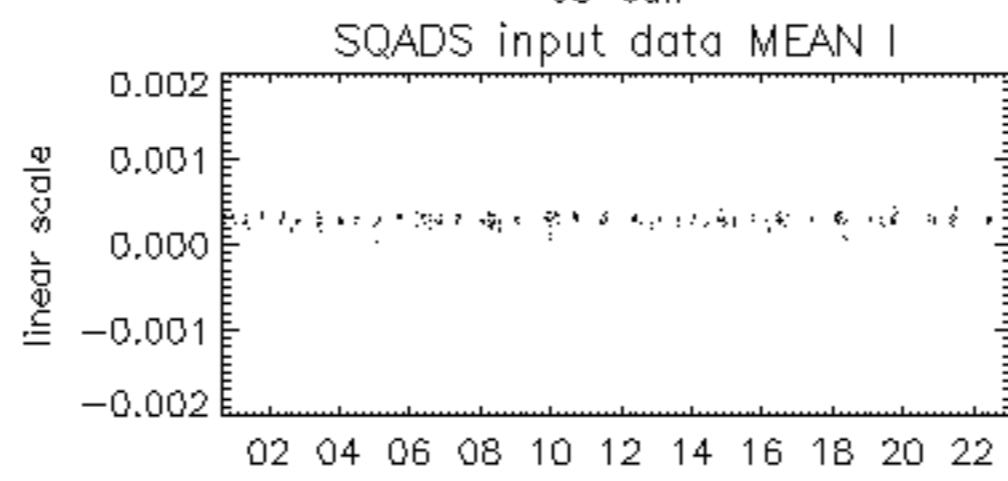




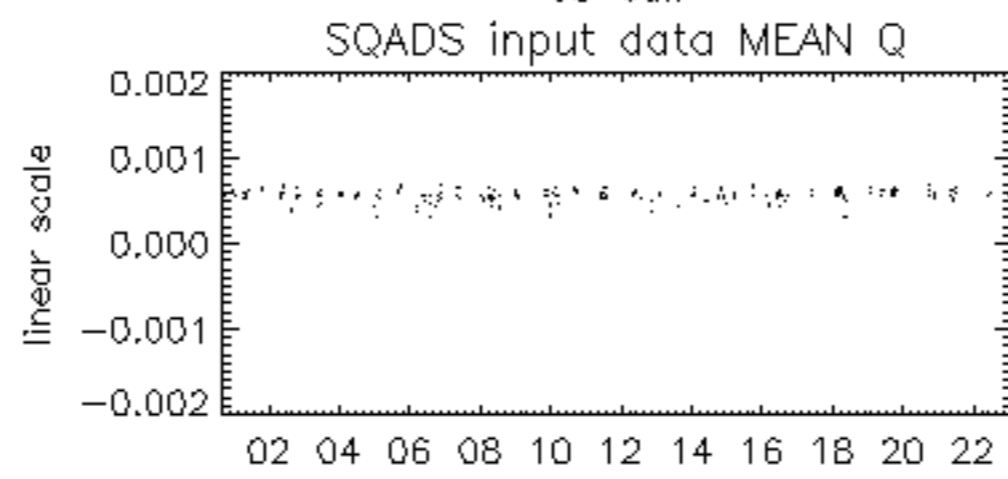




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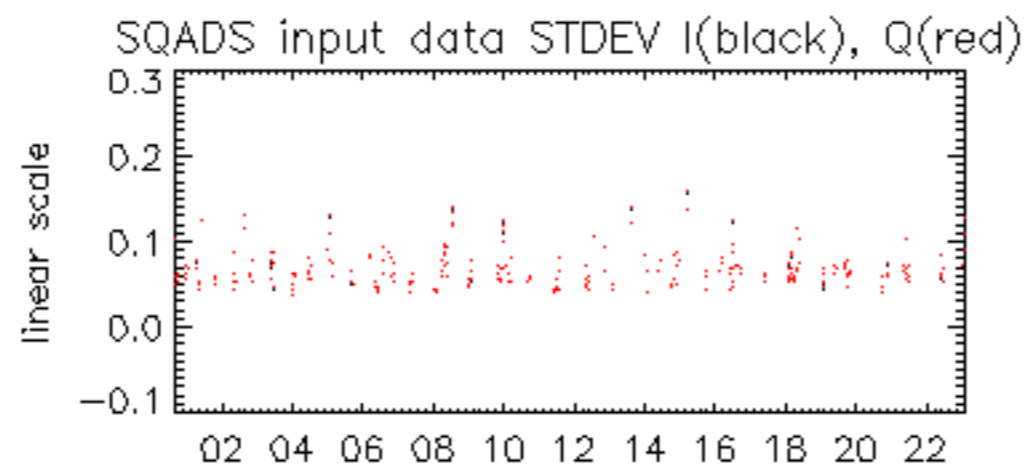


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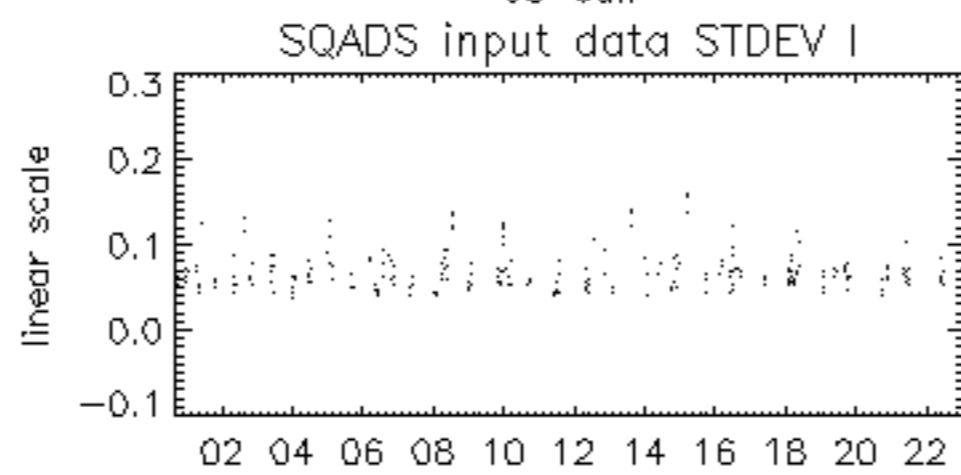


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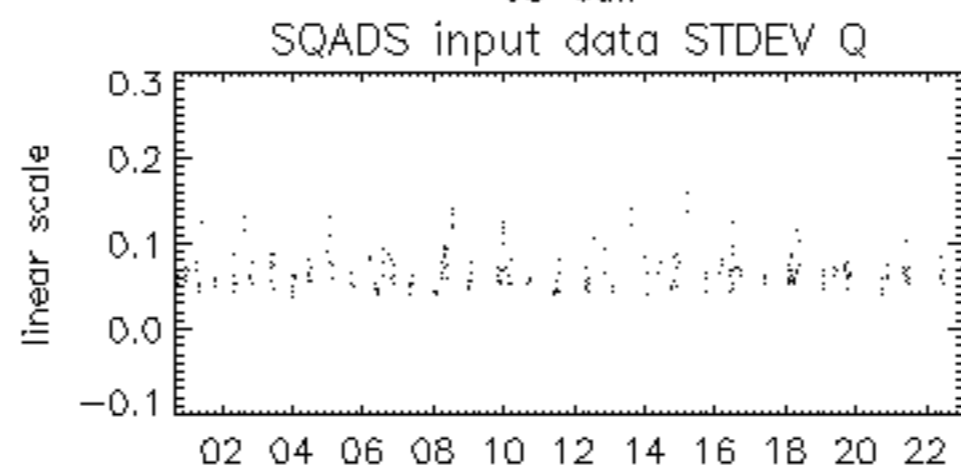




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