



Analysis from 07-JAN-2012 00:00:00 to 07-JAN-2012 23:59:59. Page generated on 08-JAN-2012 06:31:46.  
View log file: ASAR\_Daily\_Report\_20120108\_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	1	PDE	WS	H/H	35	PDE	IS1	V/H	1	PDE	IS2	V/V	1	PDE	WS	H/H	36	PDK	2012-01-07 12:46:51	H	320
PDE	IS2	V/V	31	PDK	WS	H/H	40	PDE	IS2	H/H	1	PDE	IS6	H/H	7	PDE	WS	V/V	4	PDK	2012-01-07 14:27:05	V	320
PDK	IS2	V/V	25					PDE	IS3	H/H	1	PDE	IS6	V/V	1	PDK	WS	H/H	9				
								PDE	IS4	H/H	2	PDK	IS1	V/V	1	PDK	WS	V/V	4				
								PDE	IS4	H/V	1	PDK	IS6	H/H	1								
								PDE	IS4	V/H	1												
								PDE	IS5	V/H	1												

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_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





### 3.2 - H/H polarisation

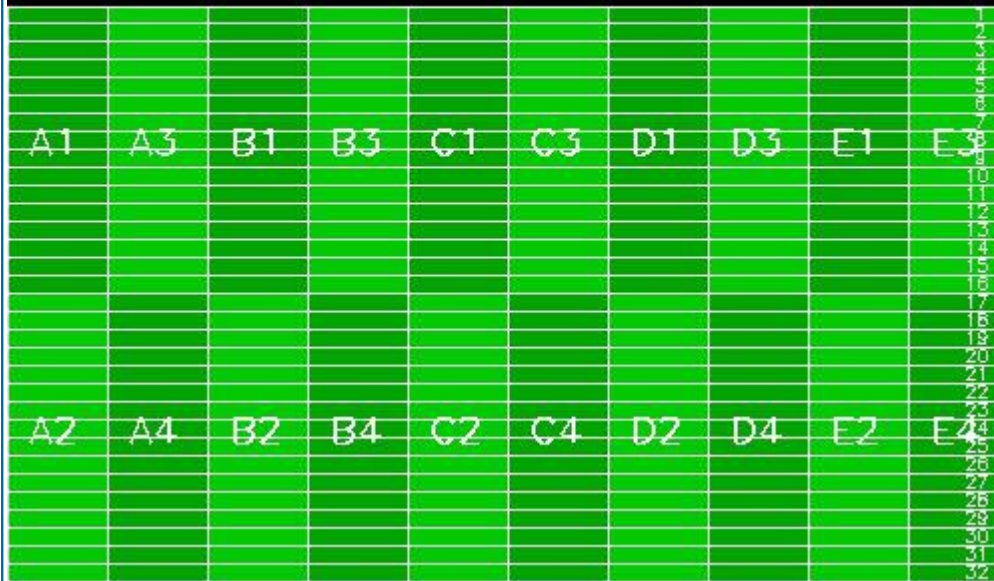
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain  
Test : 2012-01-07 12:46:51 H



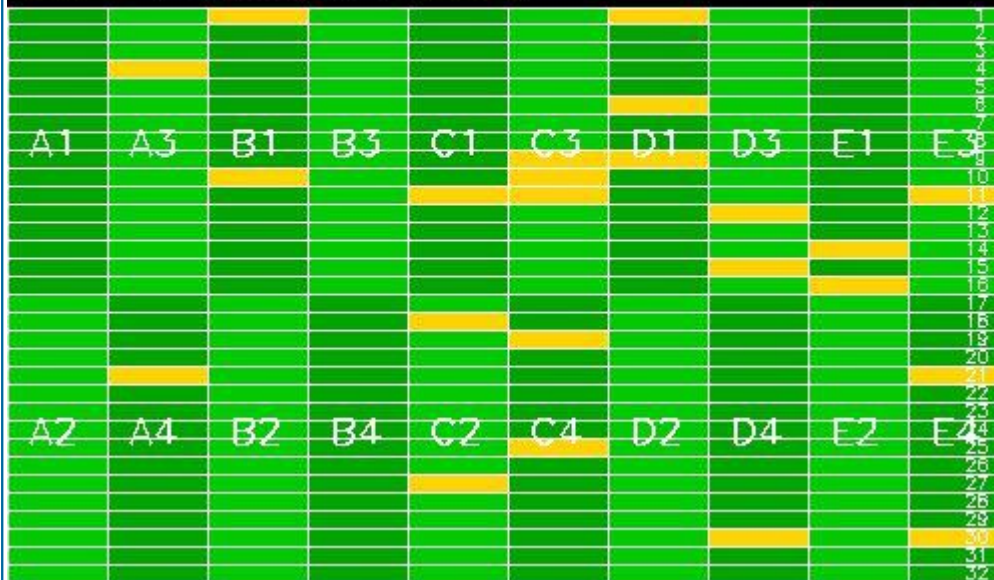
Reference: 2012-01-06 13:23:36 H RxGain  
Test : 2012-01-07 12:46:51 H

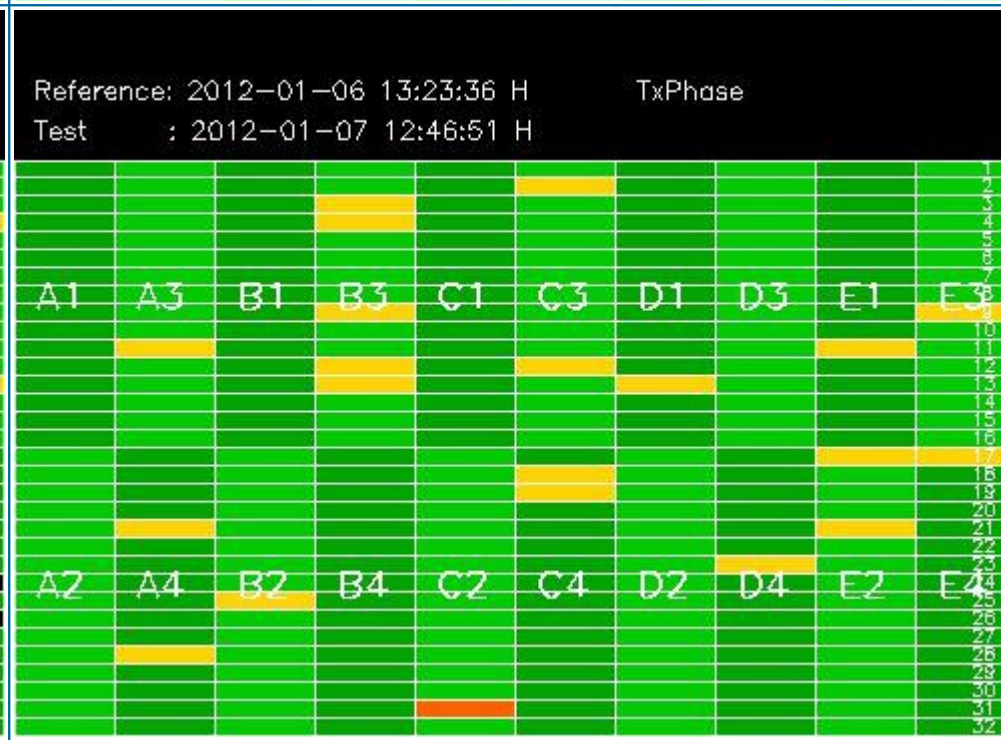
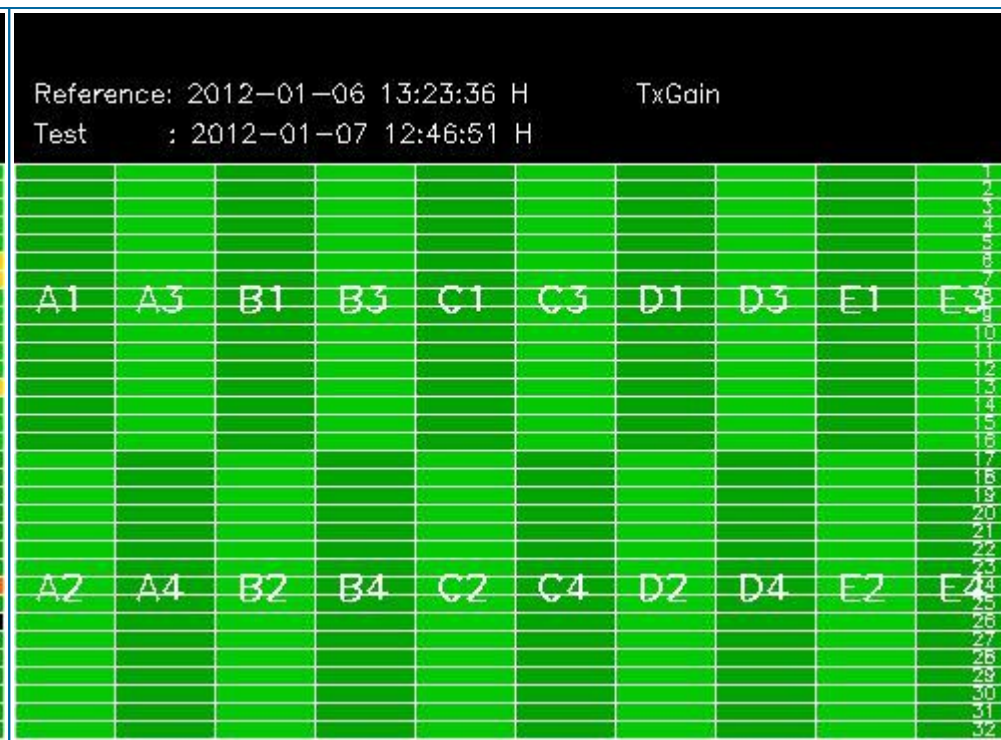
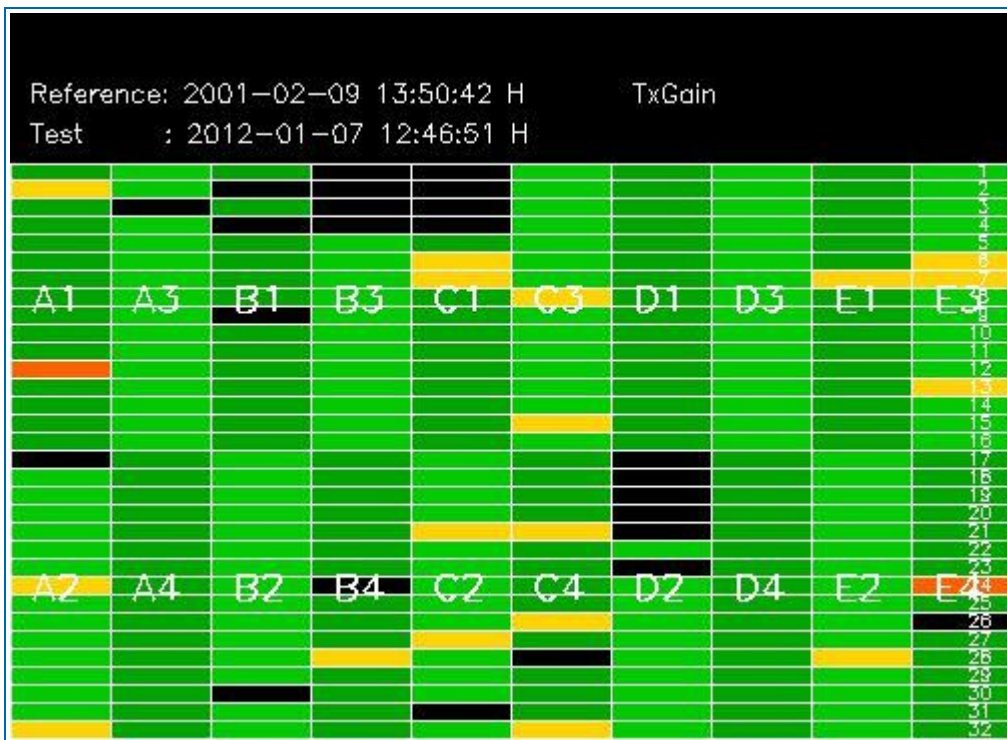


Reference: 2001-02-09 13:50:42 H RxPhase  
Test : 2012-01-07 12:46:51 H



Reference: 2012-01-06 13:23:36 H RxPhase  
Test : 2012-01-07 12:46:51 H





## 4 - CALIBRATION PULSES ANALYSIS

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

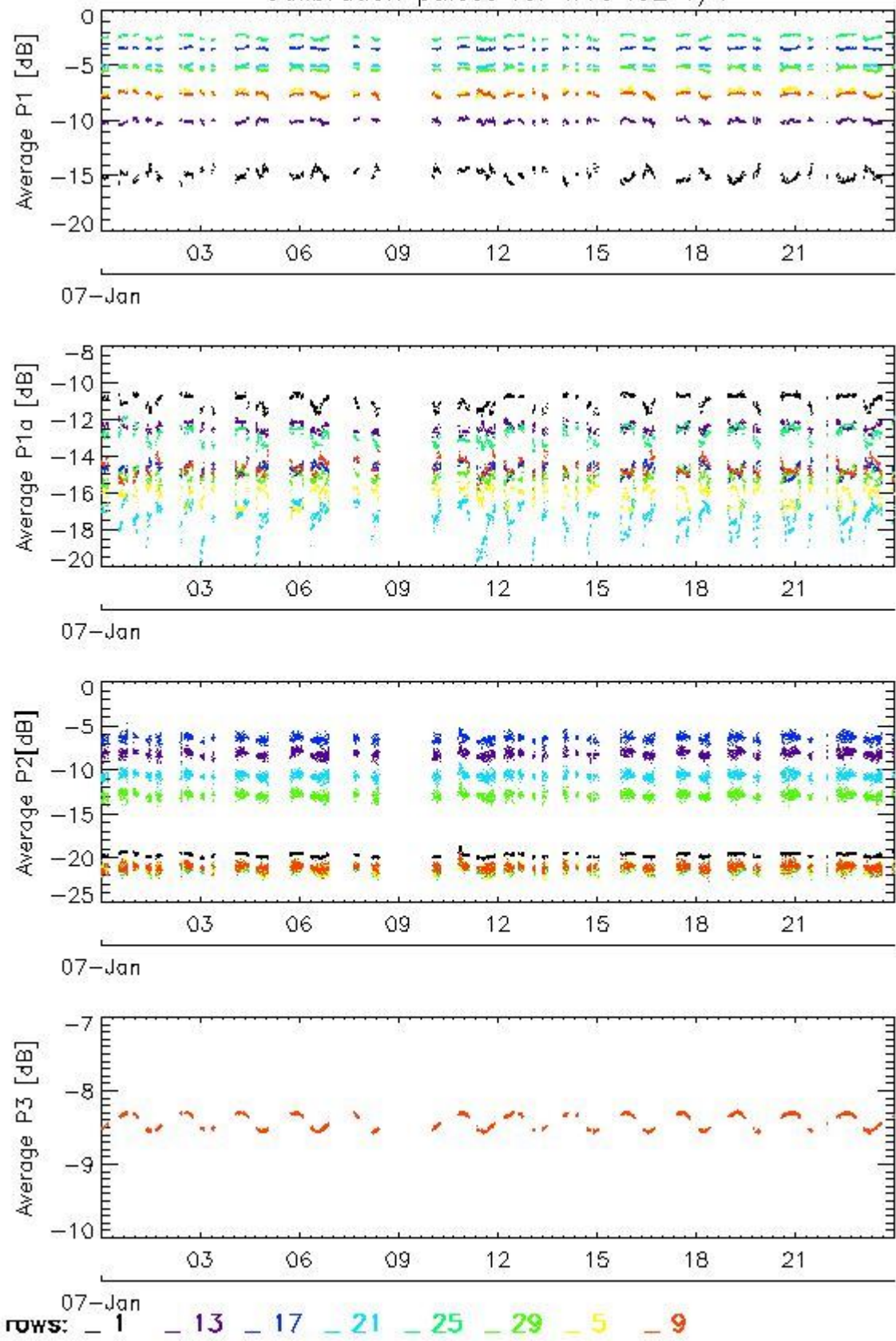
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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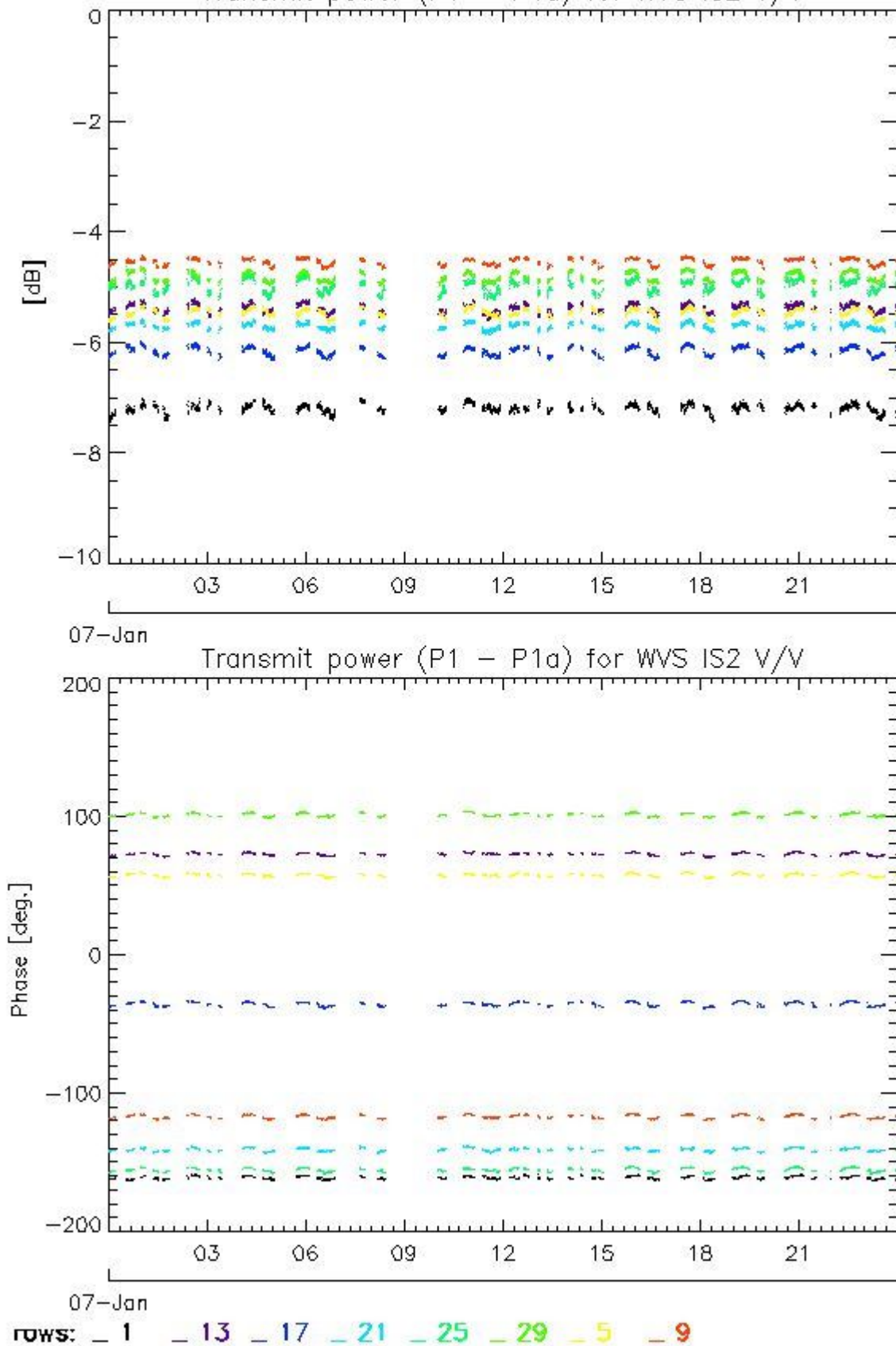
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



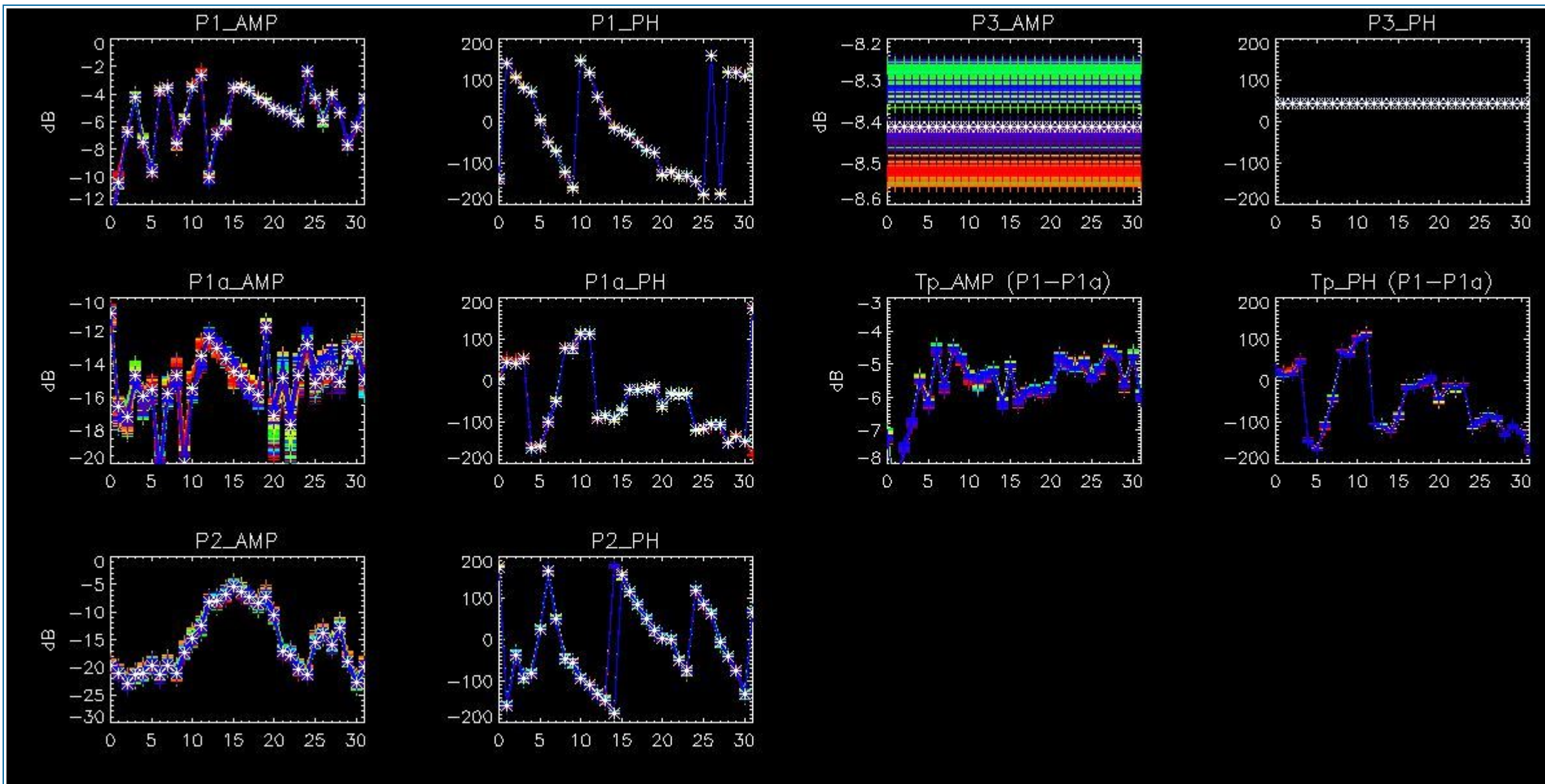
Transmit power (P1 - P1a) for WVS IS2 V/V



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

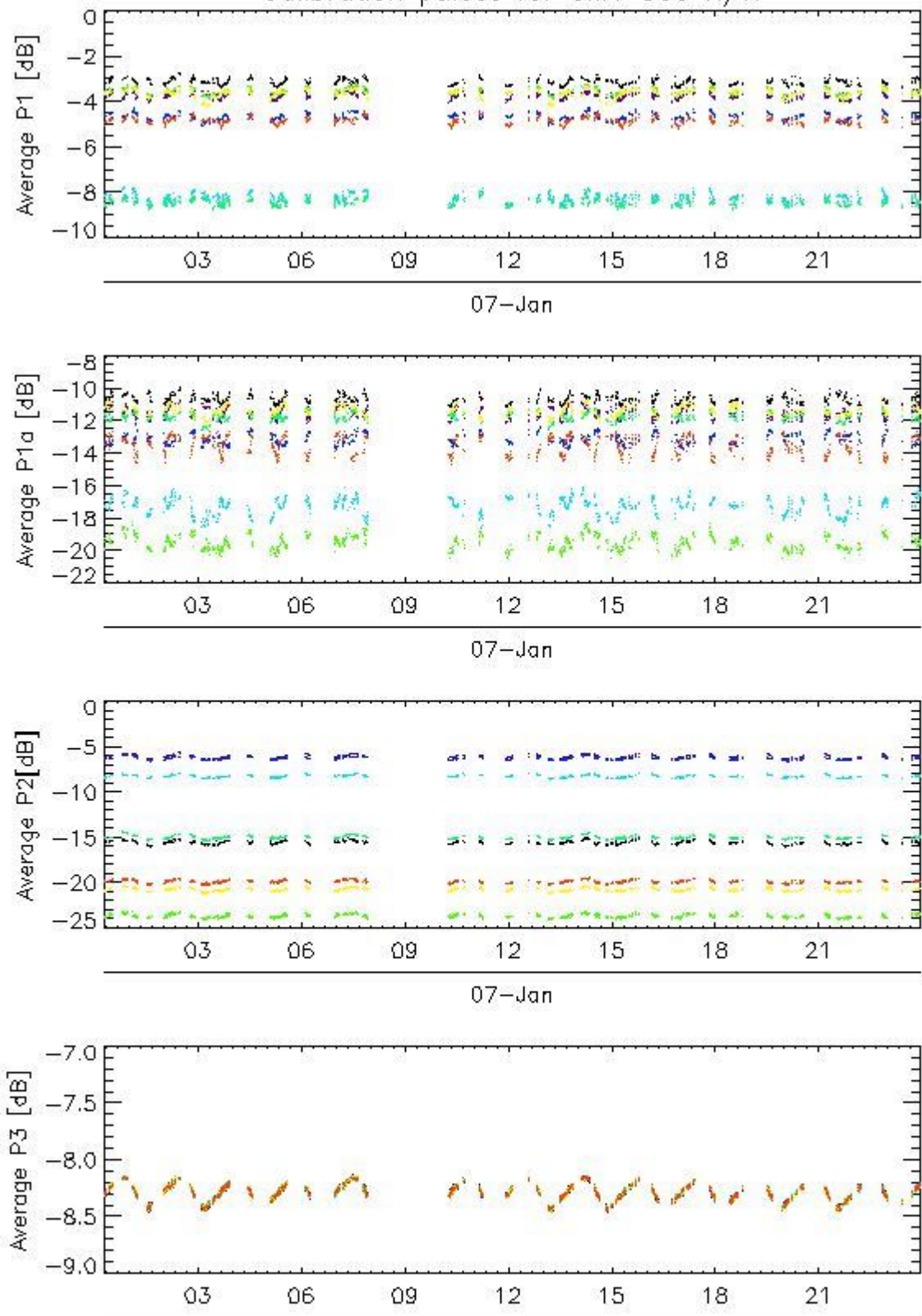
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

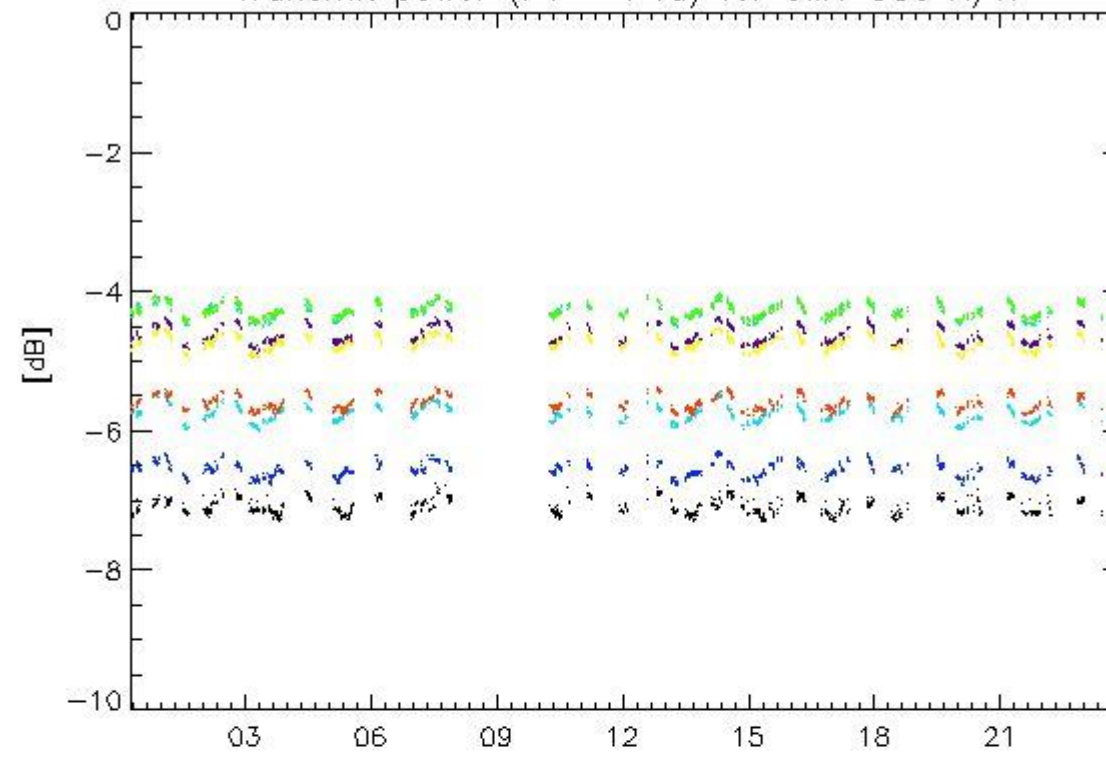


Calibration pulses for GM1 SS3 H/H

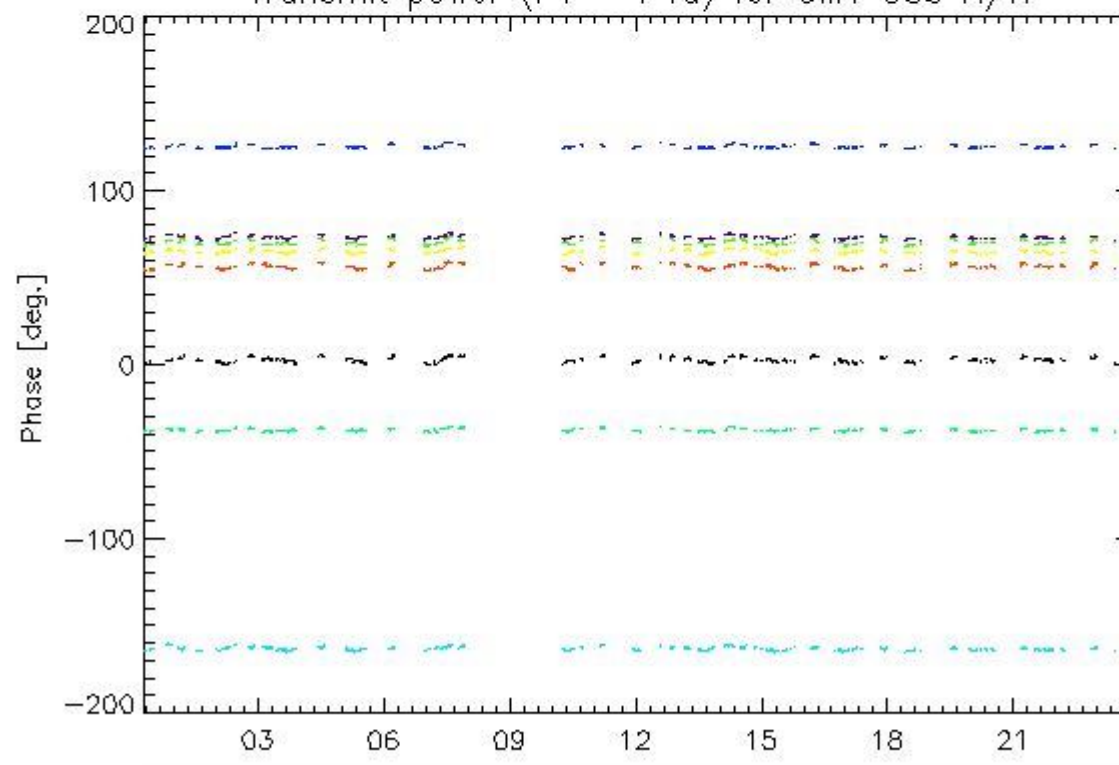


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

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



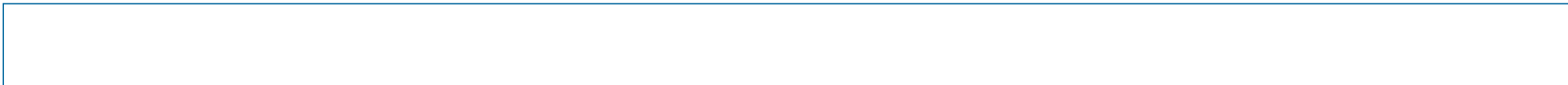
Transmit power (P1 - P1a) for GM1 SS3 H/H

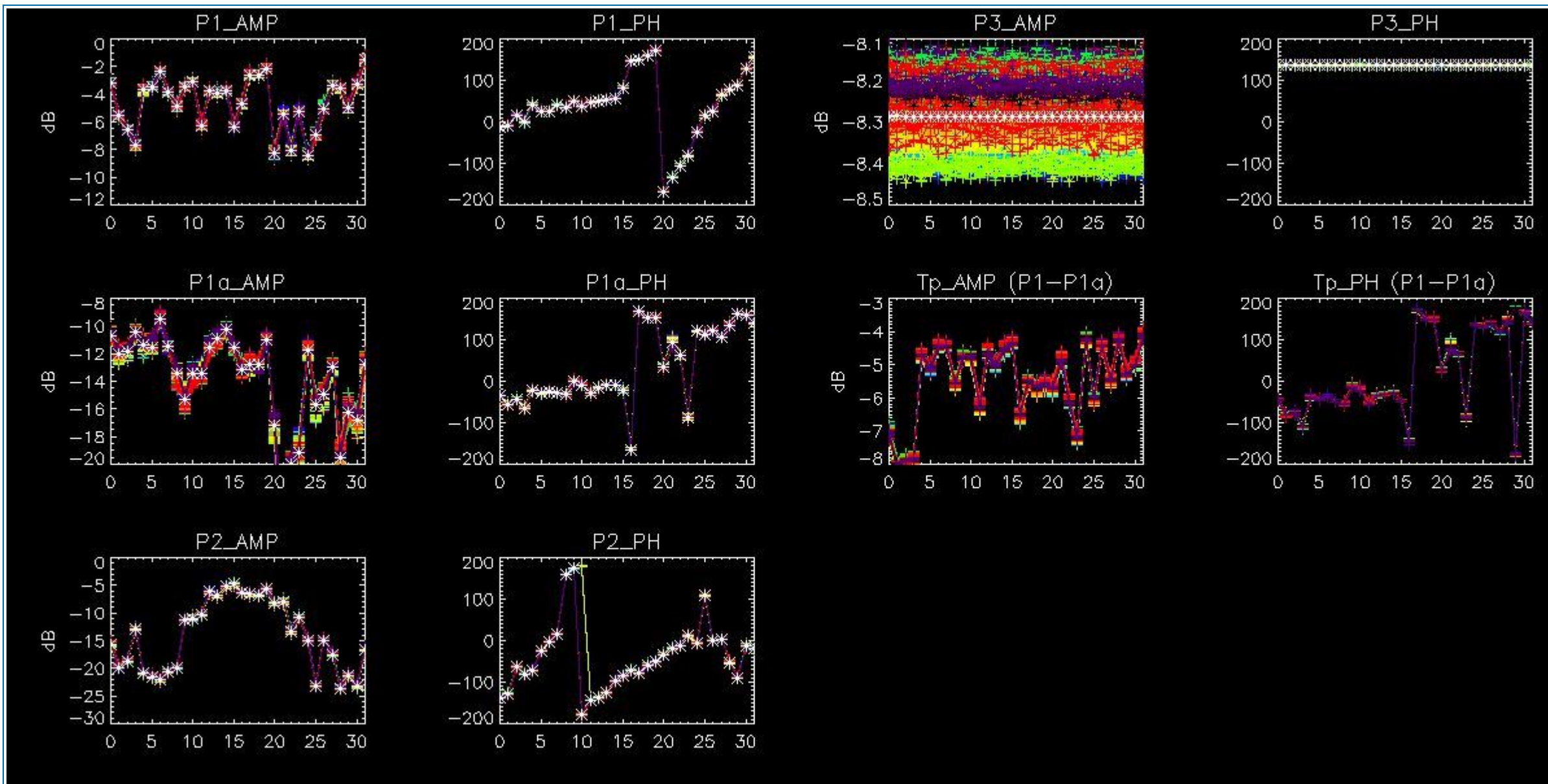


rows: - 1 - 13 - 17 - 21 - 25 - 29 - 5 - 9

4.2.2 - All Rows Analysis for GM1 SS3 H/H

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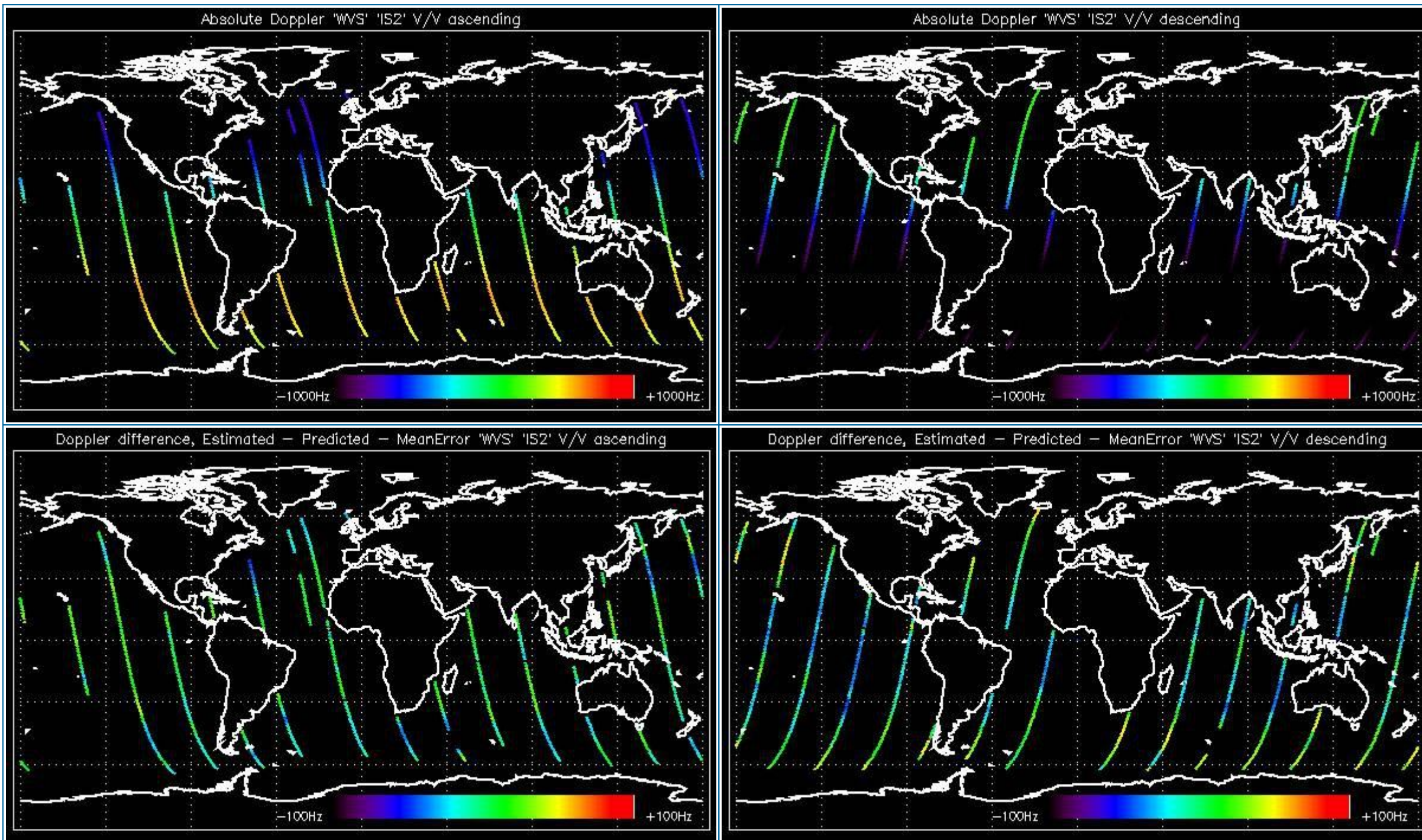
## 5 - DOPPLER ANALYSIS

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

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

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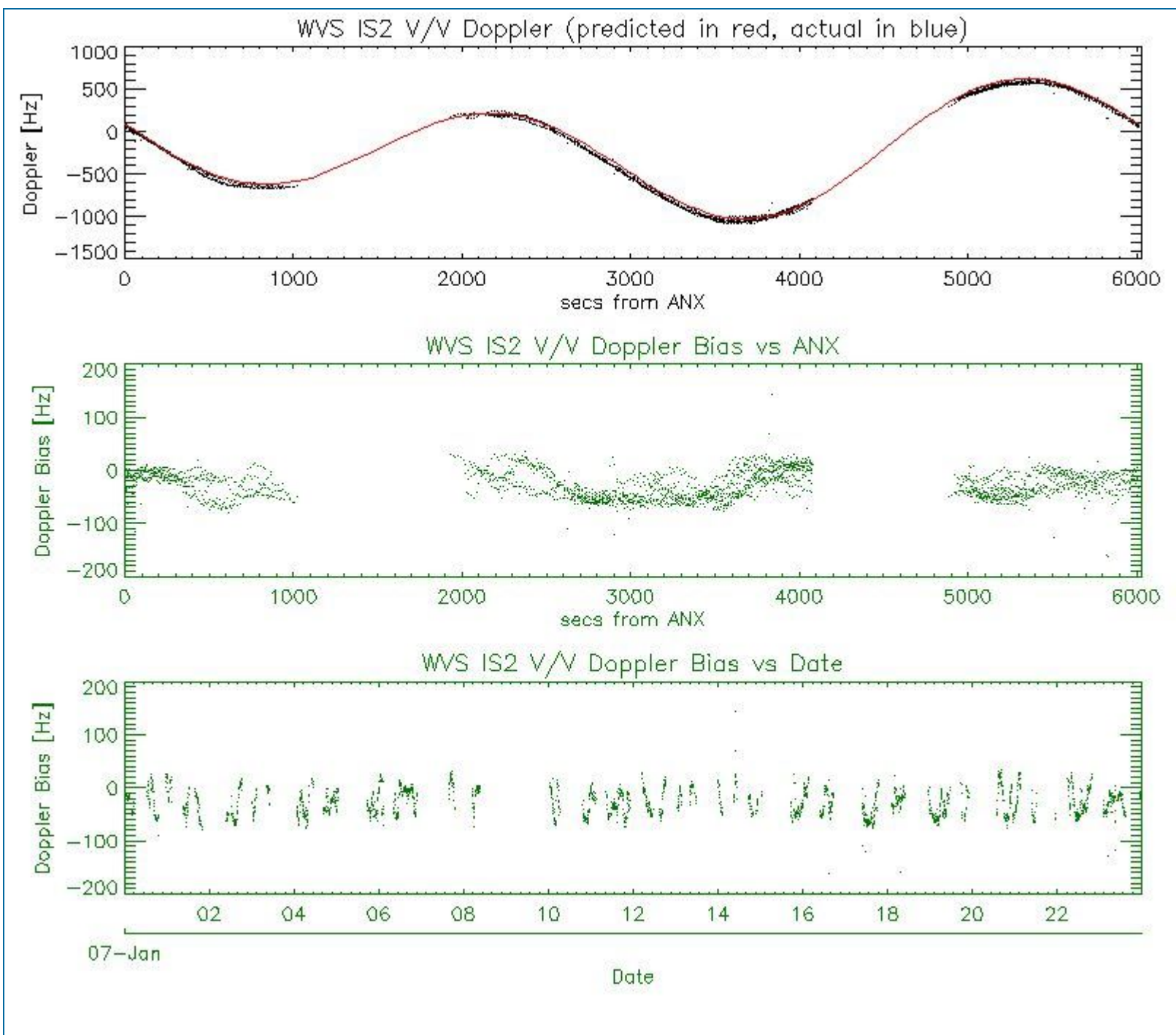




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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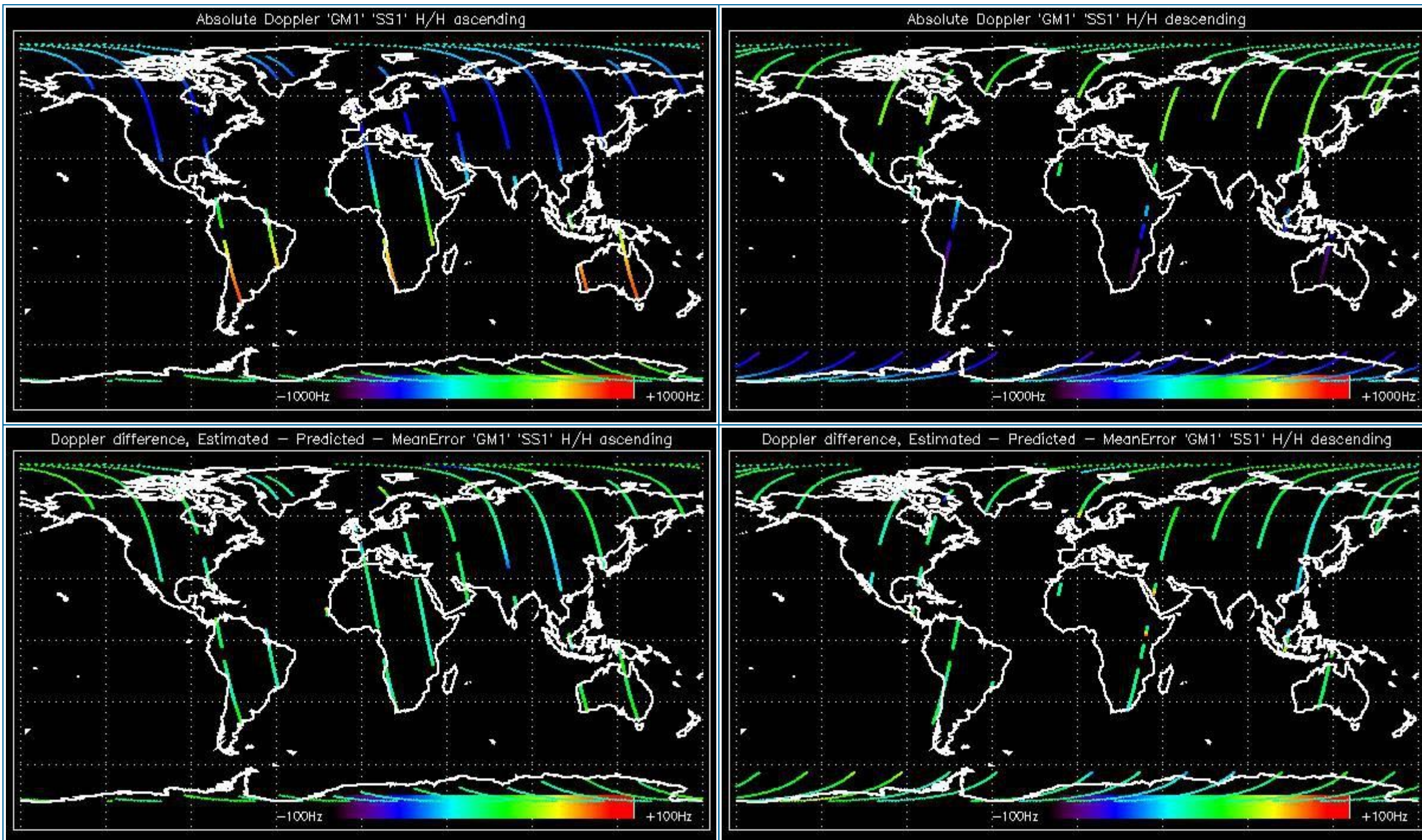


## 5.2 - Analysis for GM1 SS1 H/H

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

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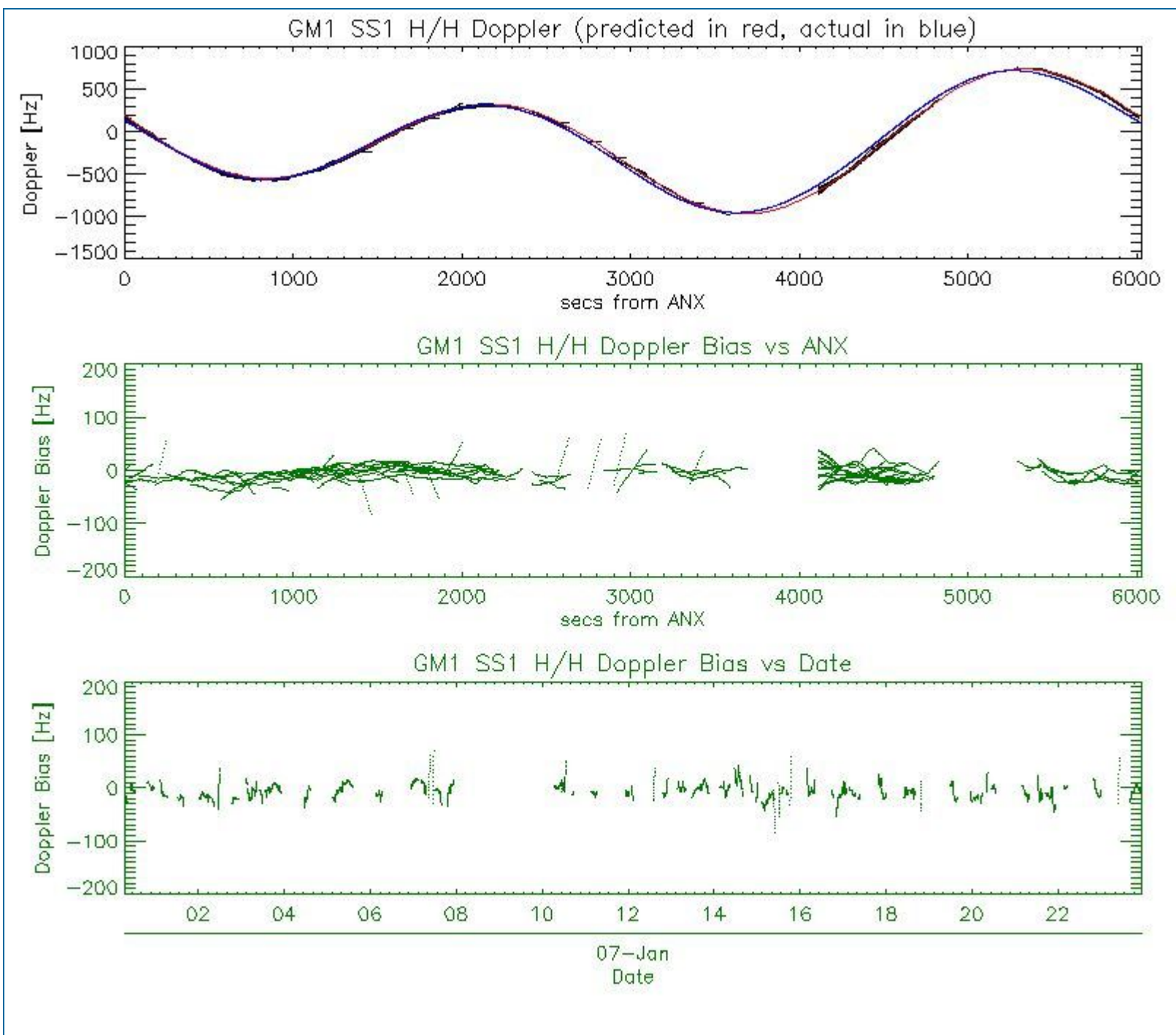




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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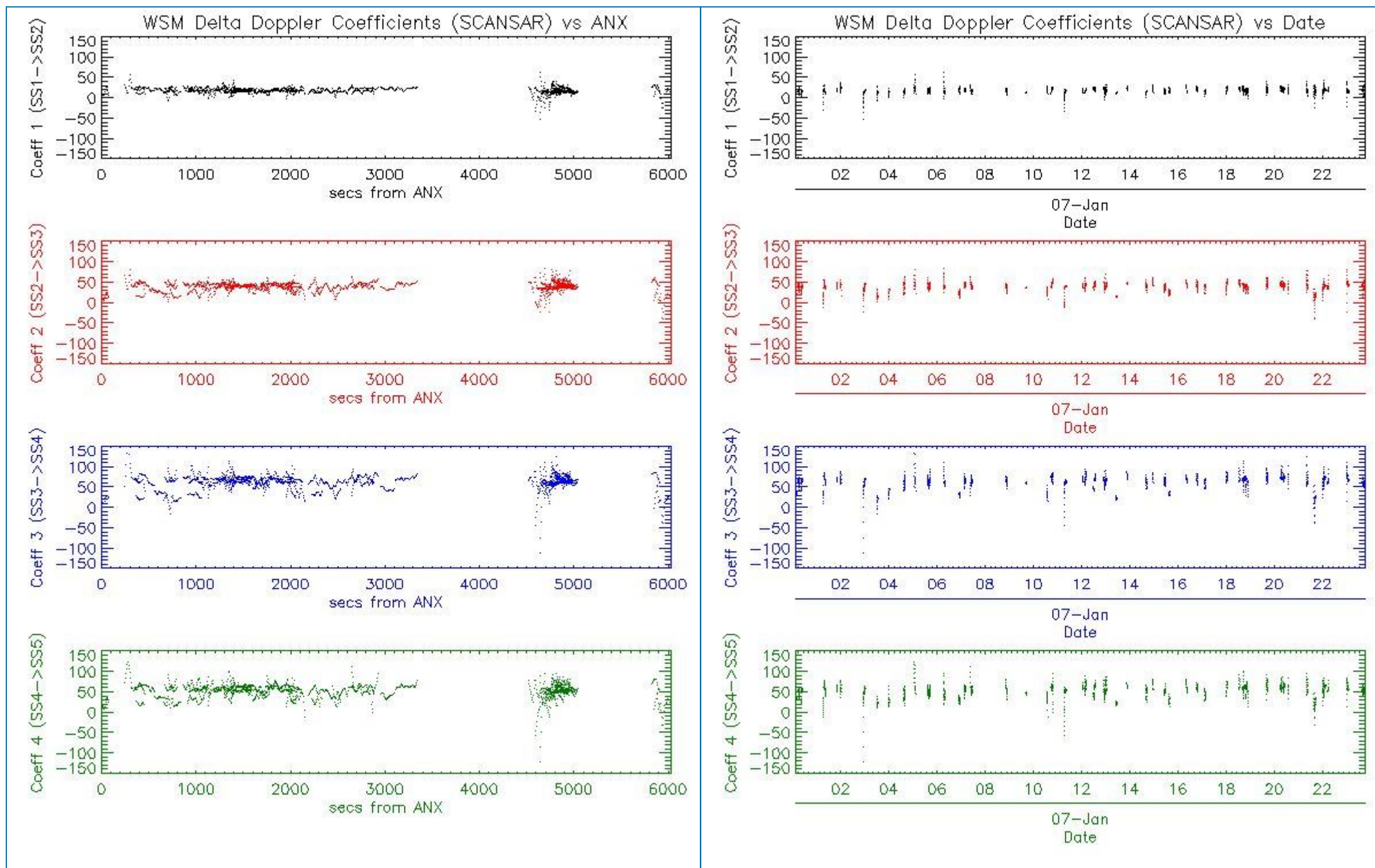




### 5.3 - Doppler JUMPS Analysis for WSM

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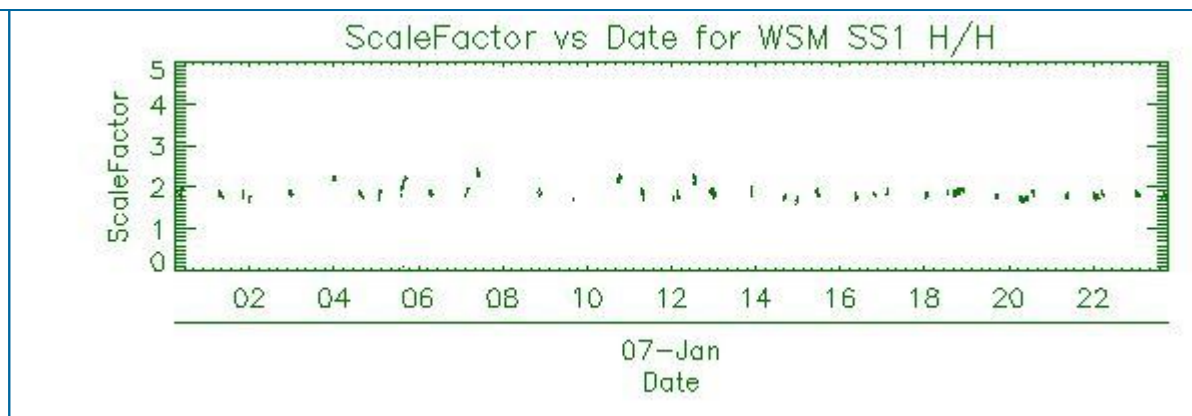
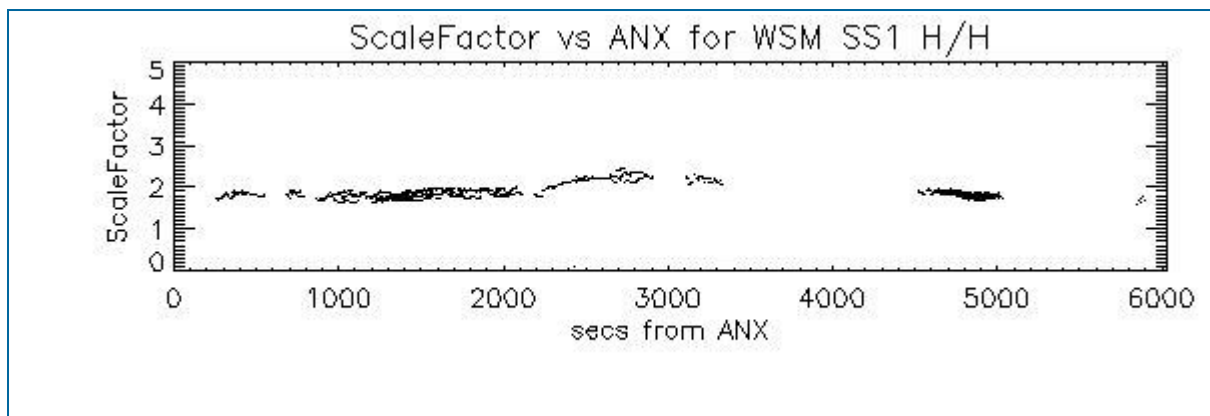
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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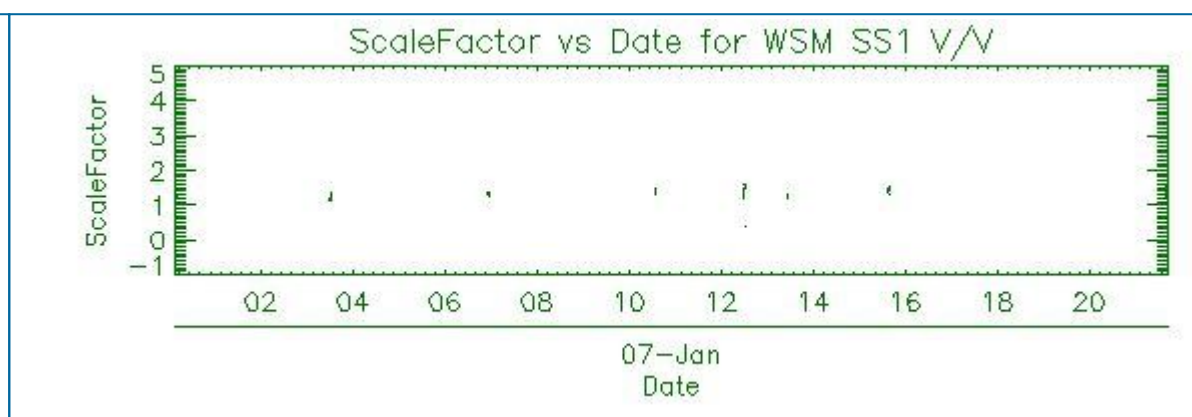
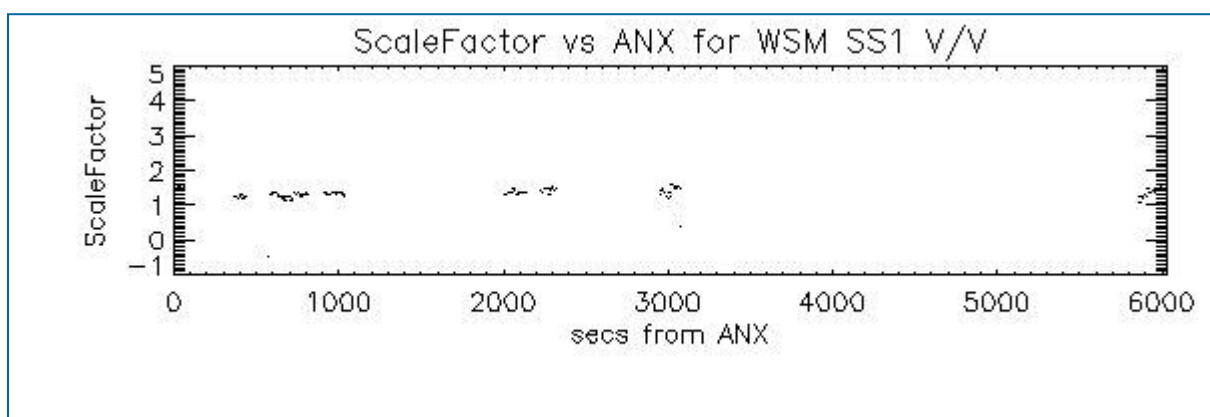




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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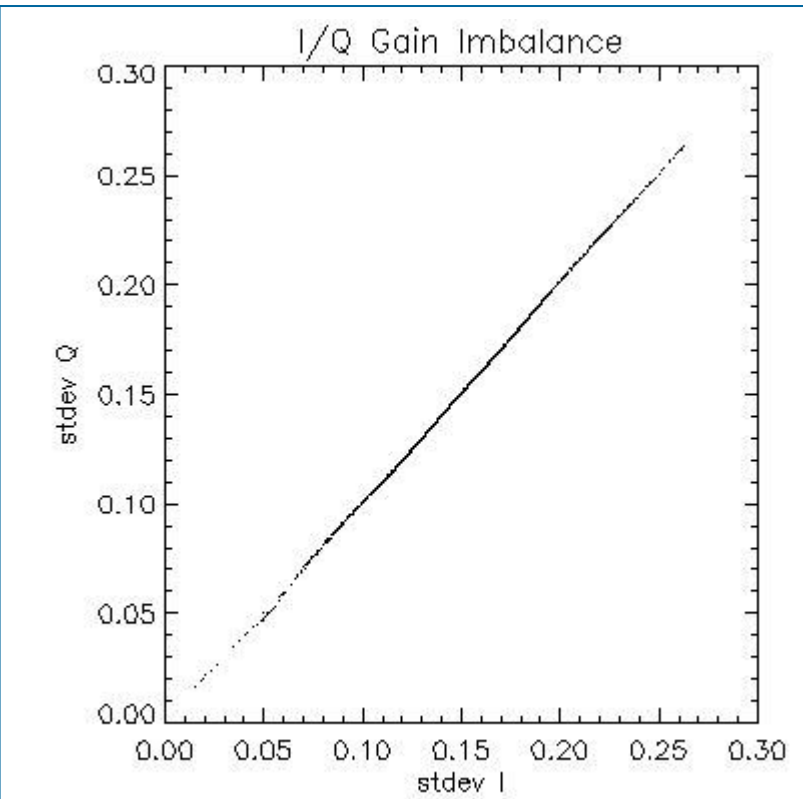
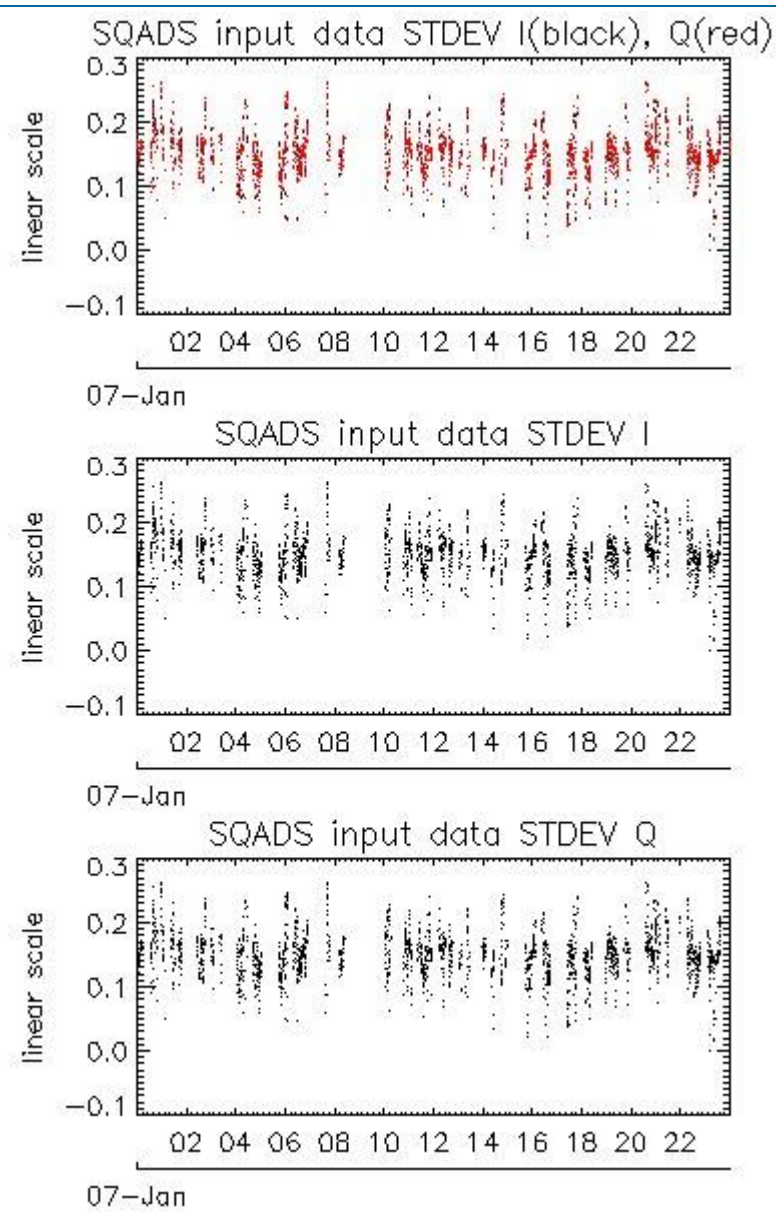
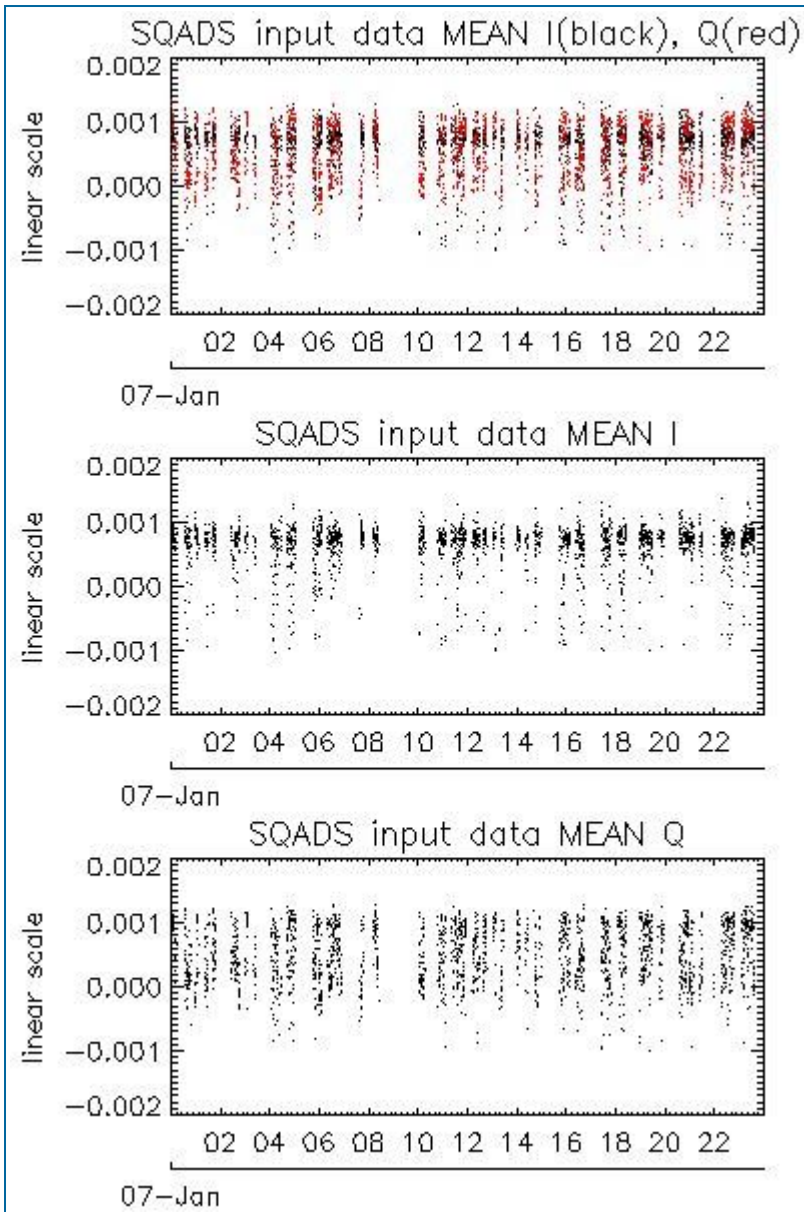
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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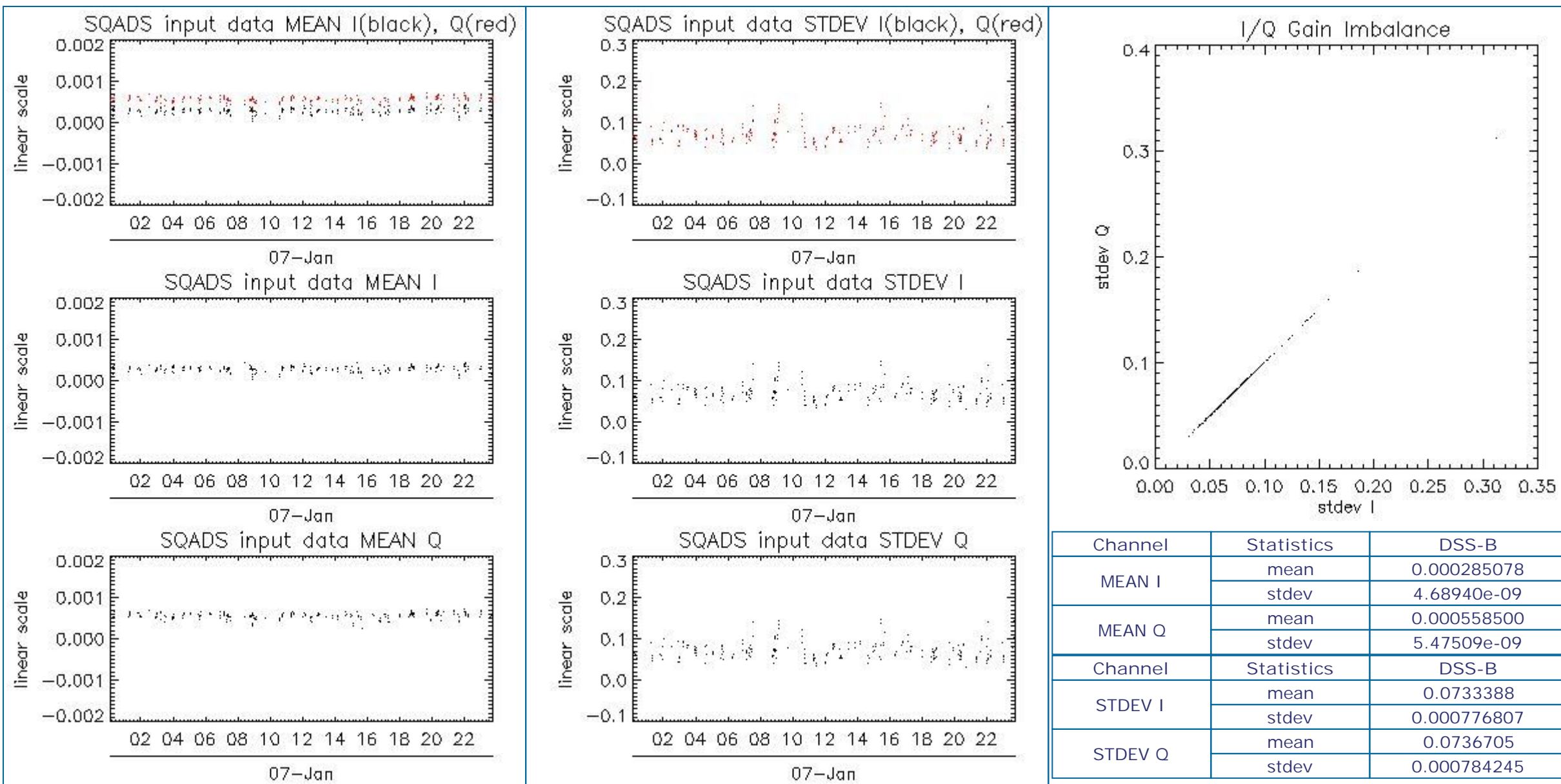


Channel	Statistics	DSS-B
MEAN I	mean	0.000635335
	stdev	1.29648e-07
MEAN Q	mean	0.000519450
	stdev	1.99454e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150517
	stdev	0.00123432
STDEV Q	mean	0.151074
	stdev	0.00126120

## 7.2 - Analysis for IMM

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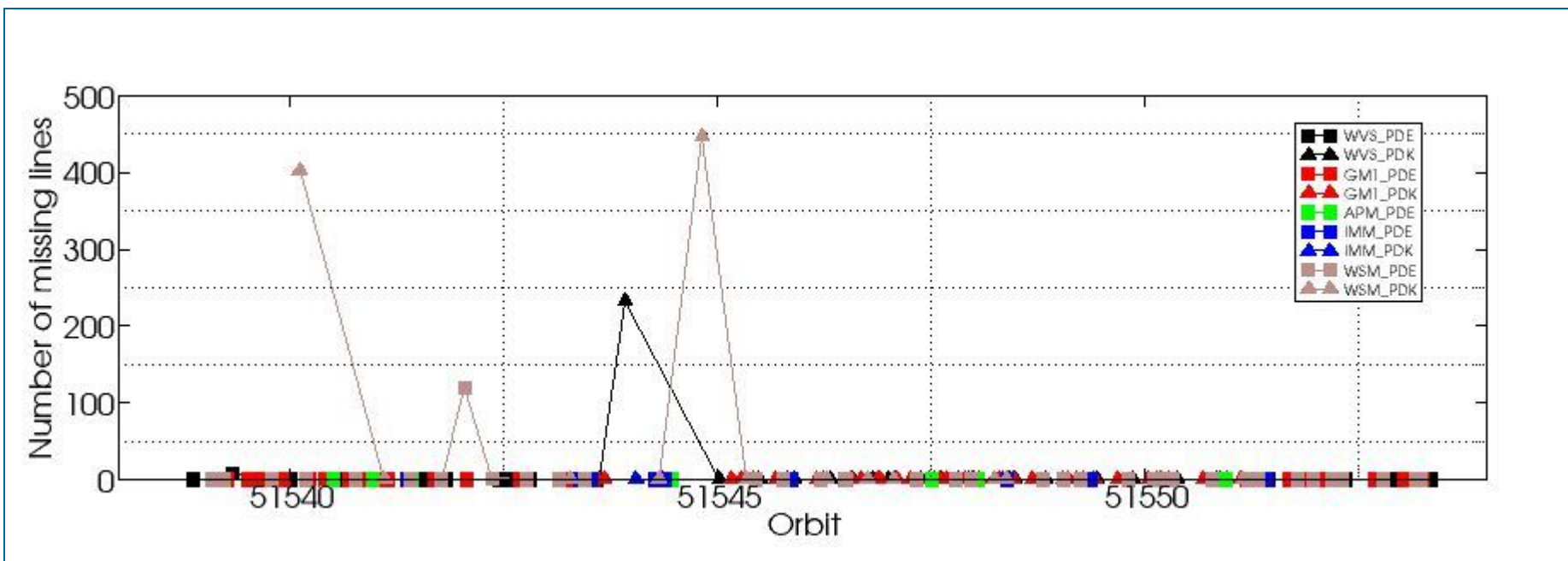


## 8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120107_003151_000009643110_00232_51539_7274.N1	0	8
PDE	ASA_WVS_1PNPDE20120107_012216_000002853110_00232_51539_7279.N1	1	0
PDE	ASA_WVS_1PNPDE20120107_040306_000008543110_00234_51541_7322.N1	1	0
PDE	ASA_WVS_1PNPDE20120107_054320_000010043110_00235_51542_7365.N1	1	0
PDE	ASA_WVS_1PNPDE20120107_073902_000001953110_00236_51543_7409.N1	1	0
PDE	ASA_WVS_1PNPDE20120107_212423_000002853110_00244_51551_7587.N1	1	0
PDK	ASA_WVS_1PNPDK20120107_081140_000007193110_00236_51543_2994.N1	0	232
PDK	ASA_WVS_1PNPDK20120107_100144_000000003110_00238_51545_2966.N1	1	0
PDE	ASA_WSM_1PNPDE20120107_050258_000002143110_00235_51542_7358.N1	0	120
PDE	ASA_WSM_1PNPDE20120107_053520_000004833110_00235_51542_7359.N1	0	2
PDK	ASA_WSM_1PNPDK20120107_014934_000001353110_00233_51540_2842.N1	0	403
PDK	ASA_WSM_1PNPDK20120107_094045_000000613110_00237_51544_2985.N1	0	447

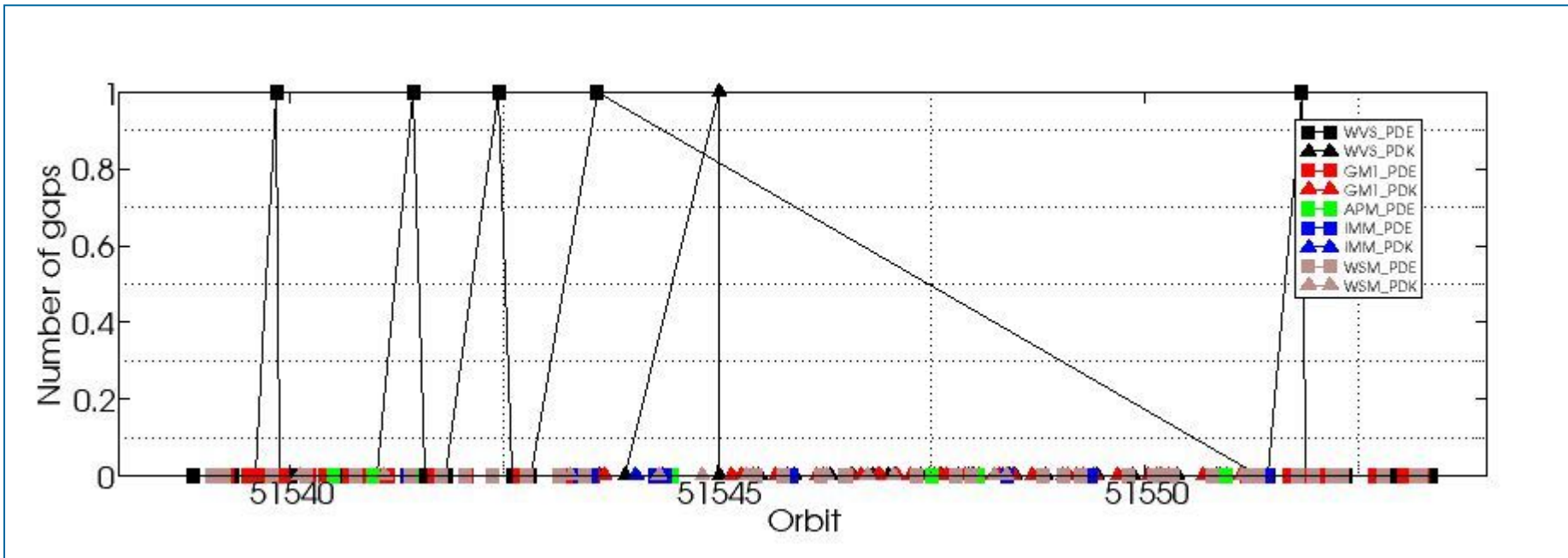
### 8.1 - Number of Missing lines

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## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 120107  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2012-01-07 00:00:00

Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120107/

DATA SUMMARY  
#####  
Summary will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120107/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_120107/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_120107/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120107/AUXILIARY

Creating directory ./RESULTS/DAILY/\_120107/AUXILIARY...

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



ADF filter 20120107\*current\_3\_IECF\_ADFs.txt  
 Found list 20120107\_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/\_120107/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20120107_000949_000001803110_00232_51539_7272.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_003151_000009643110_00232_51539_7274.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_005745_000004953110_00232_51539_7278.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_012216_000002853110_00232_51539_7279.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_012616_000002703110_00232_51539_7304.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_013939_000005543110_00233_51540_7307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_022335_000001643110_00233_51540_7306.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_023103_000009153110_00233_51540_7316.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_030044_000003153110_00233_51540_7312.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_032126_000001943110_00234_51541_7320.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_040306_000008543110_00234_51541_7322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_041706_000002103110_00234_51541_7360.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_041706_000002103110_00234_51541_7363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_042427_000001203110_00234_51541_7361.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_044047_000012893110_00234_51541_7364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_054320_000010043110_00235_51542_7365.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_055950_000004203110_00235_51542_7397.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_062019_000019943110_00235_51542_7406.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_073902_000001953110_00236_51543_7409.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_203443_000005393110_00244_51551_7583.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_204520_000014093110_00244_51551_7585.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_212423_000002853110_00244_51551_7587.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_212823_000001203110_00244_51551_7605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_215731_000000453110_00245_51552_7609.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_221514_000020243110_00245_51552_7611.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_221514_000020243110_00245_51552_7612.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_230515_000002693110_00245_51552_7613.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_230900_000008843110_00245_51552_7626.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_232543_000007193110_00246_51553_7632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120107_235716_000008693110_00246_51553_7634.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_074202_000003003110_00236_51543_2993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_081140_000007193110_00236_51543_2994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_100144_000000003110_00238_51545_2966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_100214_000008093110_00238_51545_2971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_104821_000011393110_00238_51545_3019.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120107_112840_000016043110_00238_51545_3023.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120107_130246_000003153110_00239_51546_3050.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_131946_000003143110_00239_51546_3049.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_132735_000000743110_00240_51547_3052.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_135900_000004493110_00240_51547_3074.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_142144_000002853110_00240_51547_3077.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_144240_000004053110_00240_51547_3080.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_145406_000001343110_00240_51547_3082.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_150054_000000443110_00241_51548_3085.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_154301_000001343110_00241_51548_3107.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WVS_1PNPDK20120107_154728_000012443110_00241_51548_3110.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_162340_000011993110_00241_51548_3114.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_172357_000014693110_00242_51549_3145.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_180604_000011093110_00242_51549_3148.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_185800_000018293110_00243_51550_3175.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_194409_000009003110_00243_51550_3174.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120107_194832_000003903110_00243_51550_3177.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_GM1.txt...

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ASA_GM1_1PNPDE20120107_001712_000001993110_00232_51539_7271.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_002422_000004473110_00232_51539_7276.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_004840_000001143110_00232_51539_7275.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_005139_000003623110_00232_51539_7277.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_010647_000005733110_00232_51539_7280.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_013131_000004893110_00232_51539_7305.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_020052_000009673110_00233_51540_7309.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120107_021834_000002053110_00233_51540_7308.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120107_032529_000002413110_00234_51541_7311.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_104200_000000963110_00238_51545_3018.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_132931_000010273110_00240_51547_3053.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_140722_000002413110_00240_51547_3073.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_141933_000001263110_00240_51547_3076.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_142837_000006773110_00240_51547_3079.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_150646_0000010333110_00241_51548_3084.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_174905_000006893110_00242_51549_3147.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120107_192919_000006223110_00243_51550_3173.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120107_195715_000007073110_00243_51550_3176.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120107_201229_000001693110_00244_51551_3178.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20120107_031538_000000823110_00233_51540_7310.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_040123_000000973110_00234_51541_7301.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_072848_000000443110_00236_51543_7395.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_090534_000002093110_00237_51544_7469.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_141124_000000853110_00240_51547_7515.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_150515_000000723110_00241_51548_7524.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120107_195612_000000443110_00243_51550_7572.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_IMM.txt...

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ASA_IMM_1PNPDE20120107_073141_000000883110_00236_51543_7396.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_084609_000002333110_00237_51544_7467.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_085747_000000703110_00237_51544_7468.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_112715_000000783110_00238_51545_7480.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_153941_000000403110_00241_51548_7526.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_171737_000002263110_00242_51549_7549.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120107_204422_000000503110_00244_51551_7595.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120107_082414_000000453110_00237_51544_2915.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120107_085456_000001423110_00237_51544_2953.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

\*\*\*\*\*

Analysing WSM products...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_120107/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20120107_000731_000001353110_00232_51539_7261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_001337_000002083110_00232_51539_7268.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_002037_000002203110_00232_51539_7269.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_011626_000003493110_00232_51539_7273.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_015817_000001533110_00233_51540_7302.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_025542_000003063110_00233_51540_7313.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_035922_000000923110_00234_51541_7300.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_043610_000002753110_00234_51541_7357.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_050258_000002143110_00235_51542_7358.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_053520_000004833110_00235_51542_7359.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_061610_000002393110_00235_51542_7388.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_065411_000001533110_00236_51543_7392.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_072312_000002453110_00236_51543_7394.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_104346_000002753110_00238_51545_7454.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_111603_000003303110_00238_51545_7479.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_120130_000001533110_00239_51546_7478.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_122858_000001533110_00239_51546_7481.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_123135_000002393110_00239_51546_7482.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_135237_000001353110_00240_51547_7513.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_143958_000001653110_00240_51547_7519.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_145706_000000923110_00240_51547_7521.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_162045_000001773110_00241_51548_7511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_164618_000002203110_00242_51549_7530.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_170540_000001903110_00242_51549_7547.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_180039_000001903110_00242_51549_7546.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_183223_000000923110_00243_51550_7553.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_184330_000002753110_00243_51550_7556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_184922_000001593110_00243_51550_7567.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_184922_000001593110_00243_51550_7568.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_185316_000001103110_00243_51550_7571.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_193946_000002513110_00243_51550_7566.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_202149_000003303110_00244_51551_7586.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_203312_000000923110_00244_51551_7589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_212021_000002453110_00244_51551_7582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_213828_000002453110_00244_51551_7597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_215958_000004893110_00245_51552_7620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_221244_000001533110_00245_51552_7621.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_230008_000003063110_00245_51552_7607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_233819_000001533110_00246_51553_7631.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120107_234348_000001533110_00246_51553_7647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_014934_000001353110_00233_51540_2842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_032934_000001843110_00234_51541_2852.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_070709_000002393110_00236_51543_2873.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_085022_000002693110_00237_51544_2943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_094045_000000613110_00237_51544_2985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_103257_000001533110_00238_51545_2986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_120653_000002513110_00239_51546_3031.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_125504_000004653110_00239_51546_3060.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_132605_000000923110_00240_51547_3061.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_152449_000003003110_00241_51548_3092.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_153720_000001163110_00241_51548_3103.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_184021_000002203110_00243_51550_3156.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120107_201522_000002693110_00244_51551_3185.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_120107/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_120107/MODULE\_STEPPING...



```
Creating directory ./RESULTS/DAILY/_120107/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...
```

```
*****
*****
Creating images comparing with second reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120107_124651_000000163110_00239_51546_0963.N1
  H
  H
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120107_124651-20010209_135042.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120107_124651-20010209_135042.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120107_124651-20010209_135042.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120107_124651-20010209_135042.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120107_142705_000000163110_00240_51547_0964.N1
  V
  V
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120107_142705-20010209_140823.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120107_142705-20010209_140823.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120107_142705-20010209_140823.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120107_142705-20010209_140823.png
```

```
*****
*****
Creating images comparing with previous product reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS__0PNPDK20120106_132336_000000163110_00225_51532_0961.N1
Test product: ASA_MS__0PNPDK20120107_124651_000000163110_00239_51546_0963.N1
  H
  H
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120107_124651-20120106_132336.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120107_124651-20120106_132336.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120107_124651-20120106_132336.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120107_124651-20120106_132336.png
```

```
Polarization: V
Reference product: ASA_MS__0PNPDK20120106_150350_000000163110_00226_51533_0962.N1
Test product: ASA_MS__0PNPDK20120107_142705_000000163110_00240_51547_0964.N1
  V
  V
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120107_142705-20120106_150350.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120107_142705-20120106_150350.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120107_142705-20120106_150350.png
../../RESULTS/DAILY/_120107/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120107_142705-20120106_150350.png
```

```
MODULE_STEPPING ANALYSIS completed
#####
```

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120107/CALIBRATION_PULSES...
```

\*\*\*\*\*  
\*\*\*\*\*  
ALL ROWS Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing products WVS IS2 V/V

1 77153 7 77153  
Writing image ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...

Analysing products GM1 SS3 H/H

1 38913 7 38913  
Writing image ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

\*\*\*\*\*  
\*\*\*\*\*  
TEMPORAL EVOLUTION Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-07\_1.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-07\_2.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-07\_3.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2012-01-07\_4.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...

Writing ../../RESULTS/DAILY/\_120107//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 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-07\_1.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-07\_2.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-07\_3.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-07 00:00:00 to 2012-01-07 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2012-01-07\_4.dat...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...

Writing ../../RESULTS/DAILY/\_120107//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120107/DOPPLER...

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DOPPLER ANX Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...

Writing file ./RESULTS/DAILY/\_120107/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2012-01-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120107/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...

Writing file ./RESULTS/DAILY/\_120107/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2012-01-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120107/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...

Writing file ./RESULTS/DAILY/\_120107/DOPPLER/Doppler\_Jumps\_data\_WSM\_2012-01-07.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/\_120107/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...

Writing file ../../RESULTS/DAILY/\_120107/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*

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DOPPLER MAP Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing products WVS IS2 V/V

1363

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.995928 Hz

Writing file ../../RESULTS/DAILY/\_120107//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...

Writing file ../../RESULTS/DAILY/\_120107//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

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1050

Loading predicted doppler values....

./PREDICTED\_DOPPLER/doppler.WV\_2

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.849356 Hz

Writing file ../../RESULTS/DAILY/\_120107//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...

Writing file ../../RESULTS/DAILY/\_120107//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*

Analysing products GM1 SS1 H/H

2460

```
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -3.1227687 Hz  
Writing file ../../RESULTS/DAILY/_120107//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...  
Writing file ../../RESULTS/DAILY/_120107//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

\*\*\*\*\*

2459

```
Loading predicted doppler values....  
./PREDICTED_DOPPLER/doppler.GM_1  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -9.8880563 Hz  
Writing file ../../RESULTS/DAILY/_120107//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...  
Writing file ../../RESULTS/DAILY/_120107//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

\*\*\*\*\*

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_120107/CHIRP...

\*\*\*\*\*

\*\*\*\*\*

CHIRP Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*

```
Getting ScaleFactor data for WSM SS1 H/H from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/_120107/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-01-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/_120107/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...  
Writing file ../../RESULTS/DAILY/_120107/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

\*\*\*\*\*

```
Getting ScaleFactor data for WSM SS1 V/V from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/_120107/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-01-07.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/_120107/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...  
Writing file ../../RESULTS/DAILY/_120107/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120107/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_120107/RAW\_DATA...

\*\*\*\*\*

Getting raw data for WVS from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_WVS\_2012-01-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*

Getting raw data for IMM from 2012-01-07 00:00:00 to 2012-01-07 23:59:59...  
Writing file ./RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_IMM\_2012-01-07.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_120107/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2012-01-07 00:00:00 to 2012-01-07 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_120107/TELEMETRY

Creating directory ./RESULTS/DAILY/\_120107/TELEMETRY...

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

\*\*\*\*\*

Checking 31 products from PDE...

Found product...ASA\_WVS\_1PNPDE20120107\_003151\_000009643110\_00232\_51539\_7274.N1 / 0 gaps / 8 missing lines  
Found product...ASA\_WVS\_1PNPDE20120107\_012216\_000002853110\_00232\_51539\_7279.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120107\_040306\_000008543110\_00234\_51541\_7322.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120107\_054320\_000010043110\_00235\_51542\_7365.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120107\_073902\_000001953110\_00236\_51543\_7409.N1 / 1 gaps / 0 missing lines  
Found product...ASA\_WVS\_1PNPDE20120107\_212423\_000002853110\_00244\_51551\_7587.N1 / 1 gaps / 0 missing lines

Checking 25 products from PDK...

Found product...ASA\_WVS\_1PNPDK20120107\_081140\_000007193110\_00236\_51543\_2994.N1 / 0 gaps / 232 missing lines  
Found product...ASA\_WVS\_1PNPDK20120107\_100144\_000000003110\_00238\_51545\_2966.N1 / 1 gaps / 0 missing lines

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

\*\*\*\*\*

Checking 35 products from PDE...

Checking 40 products from PDK...

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

\*\*\*\*\*

Checking 8 products from PDE...

No products from PDK...

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

\*\*\*\*\*

Checking 9 products from PDE...

Checking 2 products from PDK...

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

\*\*\*\*\*



Checking 40 products from PDE...  
Found product...ASA\_WSM\_1PNPDE20120107\_050258\_000002143110\_00235\_51542\_7358.N1 / 0 gaps / 120 missing lines  
Found product...ASA\_WSM\_1PNPDE20120107\_053520\_000004833110\_00235\_51542\_7359.N1 / 0 gaps / 2 missing lines  
Checking 13 products from PDK...  
Found product...ASA\_WSM\_1PNPDK20120107\_014934\_000001353110\_00233\_51540\_2842.N1 / 0 gaps / 403 missing lines  
Found product...ASA\_WSM\_1PNPDK20120107\_094045\_00000613110\_00237\_51544\_2985.N1 / 0 gaps / 447 missing lines

Creating graph of missing lines and gaps...  
\*\*\*\*\*  
Creating image: ./RESULTS/DAILY/\_120107/TELEMETRY/TELEMETRY\_Missing\_lines.png...  
Creating image: ./RESULTS/DAILY/\_120107/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed  
#####

HTML REPORT generation  
#####

Building file ./RESULTS/DAILY/\_120107/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_1PNPDE20120107_023000_000000573110_00233_51540_7303.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_031538_000000823110_00233_51540_7310.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_040123_000000973110_00234_51541_7301.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_072848_000000443110_00236_51543_7395.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_090534_000002093110_00237_51544_7469.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_141124_000000853110_00240_51547_7515.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_150515_000000723110_00241_51548_7524.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120107_195612_000000443110_00243_51550_7572.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_1PNPDE20120107_001712_000001993110_00232_51539_7271.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_002422_000004473110_00232_51539_7276.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_004840_000001143110_00232_51539_7275.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_005139_000003623110_00232_51539_7277.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_010647_000005733110_00232_51539_7280.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_013131_000004893110_00232_51539_7305.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_020052_000009673110_00233_51540_7309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_021834_000002053110_00233_51540_7308.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_022701_000001813110_00233_51540_7319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_024658_000005193110_00233_51540_7318.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_030637_000001443110_00233_51540_7317.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_030906_000003923110_00233_51540_7315.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_031724_000002413110_00233_51540_7314.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_032529_000002413110_00234_51541_7311.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_033254_000014023110_00234_51541_7321.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_042712_000005373110_00234_51541_7362.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_050634_000017223110_00235_51542_7366.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_060726_000005193110_00235_51542_7408.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_065646_000006223110_00236_51543_7402.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_071112_000004343110_00236_51543_7401.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_072140_000000843110_00236_51543_7400.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_072723_000000783110_00236_51543_7399.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_072953_000001083110_00236_51543_7398.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_073316_000003443110_00236_51543_7407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_201959_000001023110_00244_51551_7581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_202726_000003443110_00244_51551_7584.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_210933_000006283110_00244_51551_7588.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_213112_000004343110_00244_51551_7604.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_214236_000006893110_00245_51552_7606.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_215544_000001023110_00245_51552_7608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_220820_000002593110_00245_51552_7610.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_224947_000006163110_00245_51552_7614.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_232423_000000723110_00246_51553_7627.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_234053_000001693110_00246_51553_7629.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120107_234623_000006283110_00246_51553_7630.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_074740_000005373110_00236_51543_3131.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_074742_000004413110_00236_51543_2884.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_101625_000007673110_00238_51545_2972.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_102800_000002953110_00238_51545_3017.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_104200_000000963110_00238_51545_3018.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_110811_000004713110_00238_51545_3021.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_115603_000003263110_00239_51546_3022.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_120403_000001693110_00239_51546_3024.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_123538_000000843110_00239_51546_3040.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_124821_000003983110_00239_51546_3047.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_130847_000000963110_00239_51546_3046.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_131031_000005553110_00239_51546_3051.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_132931_000010273110_00240_51547_3053.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_134527_000004283110_00240_51547_3072.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_140722_000002413110_00240_51547_3073.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_141305_000003803110_00240_51547_3075.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_141933_000001263110_00240_51547_3076.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_142837_000006773110_00240_51547_3079.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_145016_000002293110_00240_51547_3081.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_145844_000001263110_00240_51547_3083.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_150646_000010333110_00241_51548_3084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_152317_000000843110_00241_51548_3105.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_152953_000000903110_00241_51548_3104.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_153341_000002173110_00241_51548_3106.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_154032_000001443110_00241_51548_3108.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_154602_000000783110_00241_51548_3109.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_160851_000007133110_00241_51548_3113.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_164426_000001023110_00242_51549_3112.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_165001_000006283110_00242_51549_3115.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120107_165931_000003683110_00242_51549_3140.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_170906_000005133110_00242_51549_3143.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_172130_000001443110_00242_51549_3144.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_174905_000006893110_00242_51549_3147.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_182516_000004223110_00243_51550_3146.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_183358_000003263110_00243_51550_3149.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_183815_000001203110_00243_51550_3171.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_184807_000000663110_00243_51550_3172.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_192919_000006223110_00243_51550_3173.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_195715_000007073110_00243_51550_3176.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120107_201229_000001693110_00244_51551_3178.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_1PNPDE20120107_035617_000001513110_00234_51541_7299.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_071825_000001843110_00236_51543_7393.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_073141_000000833110_00236_51543_7396.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_084609_000002333110_00237_51544_7467.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_085747_000000703110_00237_51544_7468.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_112715_000000783110_00238_51545_7480.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_153941_000000403110_00241_51548_7526.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_171737_000002263110_00242_51549_7549.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20120107_204422_000000503110_00244_51551_7595.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120107_082414_000000453110_00237_51544_2915.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20120107_085456_000001423110_00237_51544_2953.N1	OK	OK	OK	OK

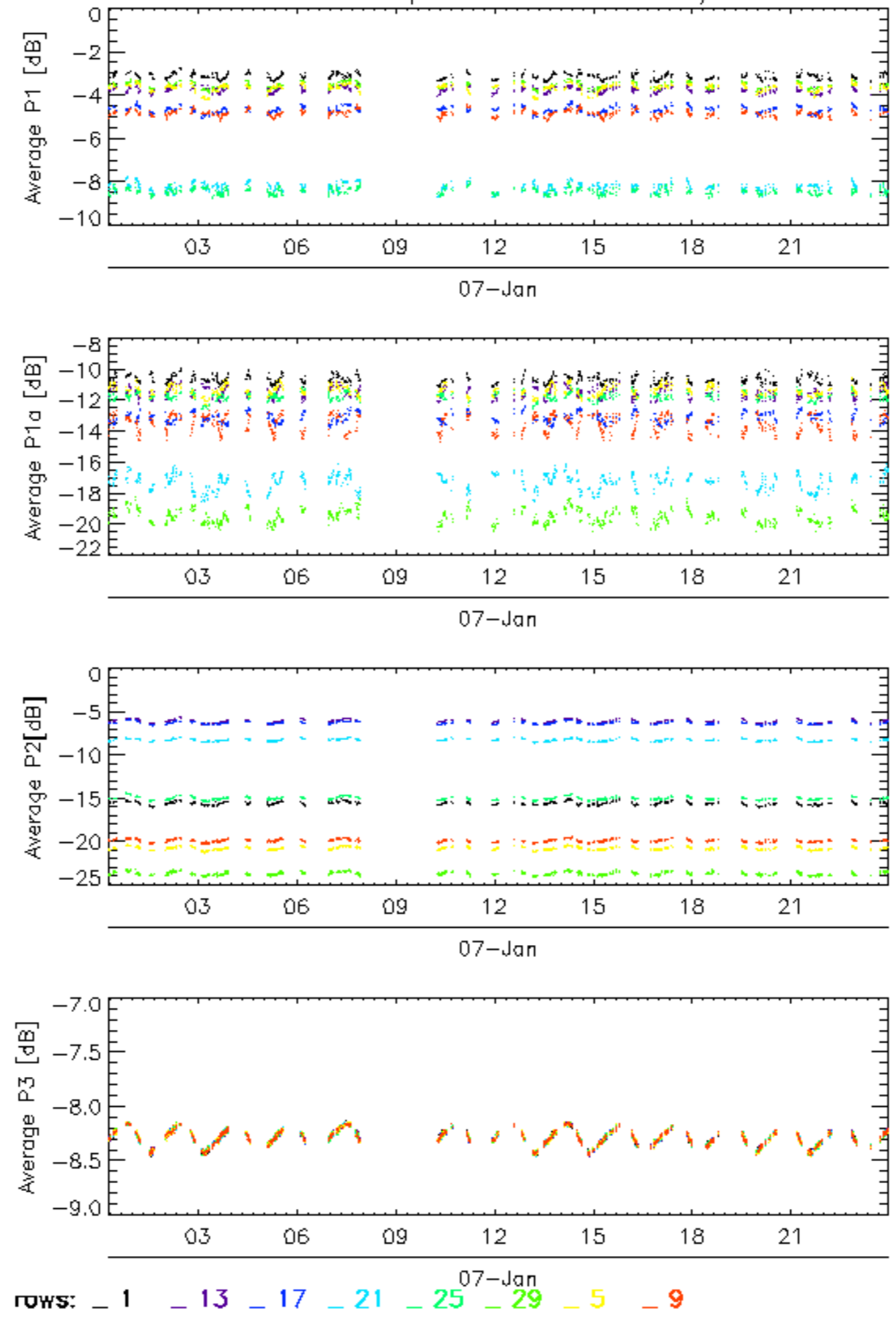
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120107_000731_000001353110_00232_51539_7261.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_001337_000002083110_00232_51539_7268.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_002037_000002203110_00232_51539_7269.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_011626_000003493110_00232_51539_7273.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_015817_000001533110_00233_51540_7302.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_025542_000003063110_00233_51540_7313.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_035922_000000923110_00234_51541_7300.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_043610_000002753110_00234_51541_7357.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_050258_000002143110_00235_51542_7358.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_053520_000004833110_00235_51542_7359.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_061610_000002393110_00235_51542_7388.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_065411_000001533110_00236_51543_7392.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_072312_000002453110_00236_51543_7394.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_104346_000002753110_00238_51545_7454.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_111603_000003303110_00238_51545_7479.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_120130_000001533110_00239_51546_7478.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_122858_000001533110_00239_51546_7481.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_123135_000002393110_00239_51546_7482.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_135237_000001353110_00240_51547_7513.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_143958_000001653110_00240_51547_7519.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_145706_000000923110_00240_51547_7521.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_162045_000001773110_00241_51548_7511.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_164618_000002203110_00242_51549_7530.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_170540_000001903110_00242_51549_7547.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_180039_000001903110_00242_51549_7546.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_183223_000000923110_00243_51550_7553.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_184330_000002753110_00243_51550_7556.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_184922_000001593110_00243_51550_7567.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120107_184922_000001593110_00243_51550_7568.N1					OK	OK	OK	OK
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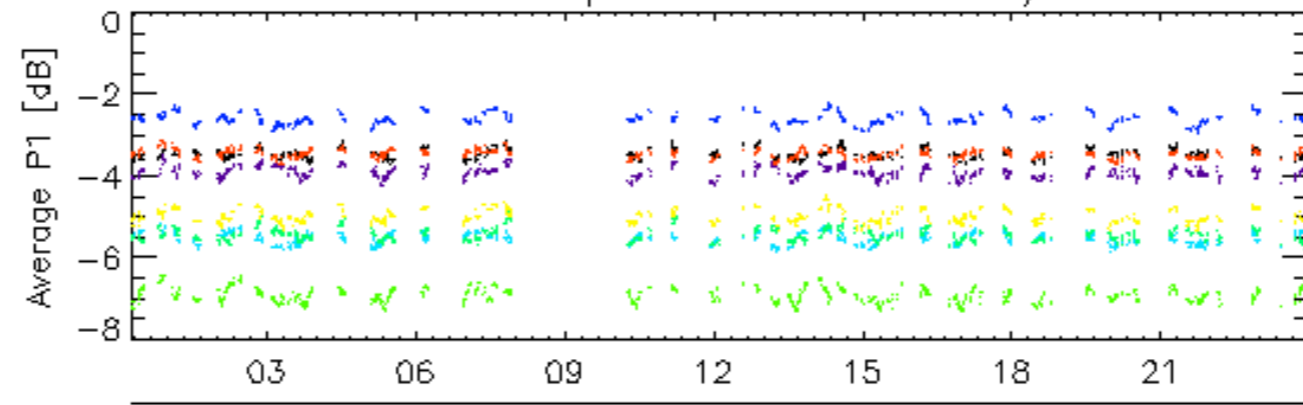
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20120107_012216_000002853110_00232_51539_7279.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120107_012616_000002703110_00232_51539_7304.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120107_013939_000005543110_00233_51540_7307.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120107_022335_000001643110_00233_51540_7306.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120107_212423_000002853110_00244_51551_7587.N1					OK	OK	OK	OK
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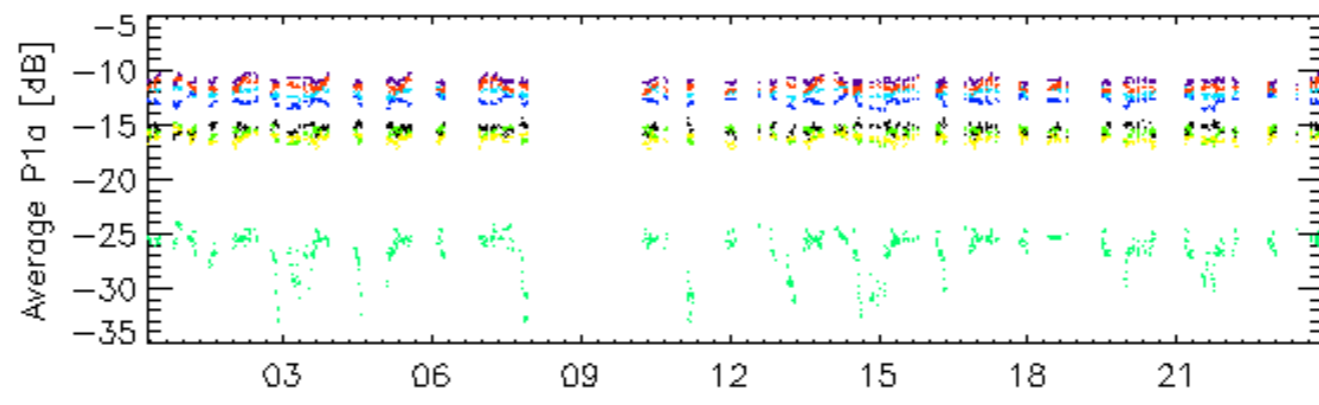
Calibration pulses for GM1 SS3 H/H



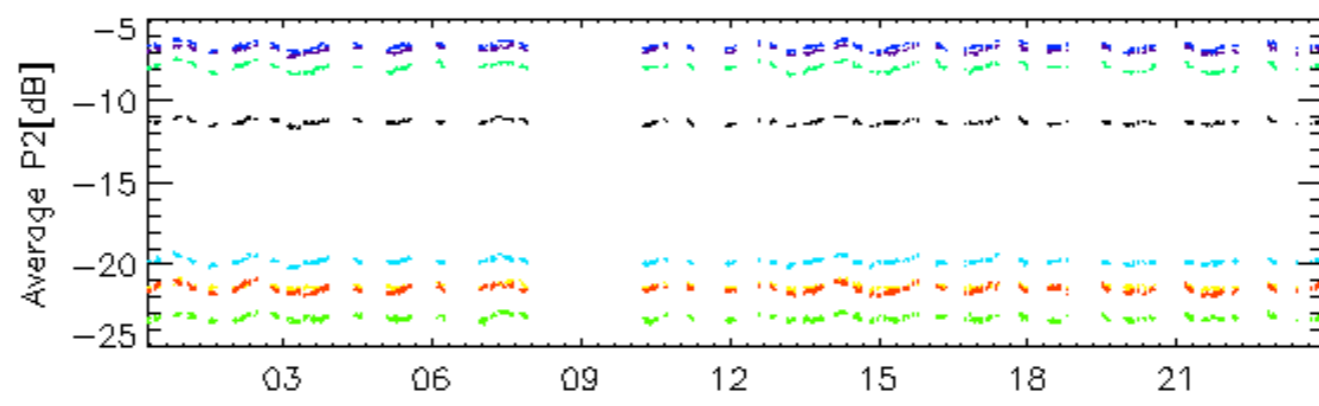
Calibration pulses for GM1 SS3 H/H



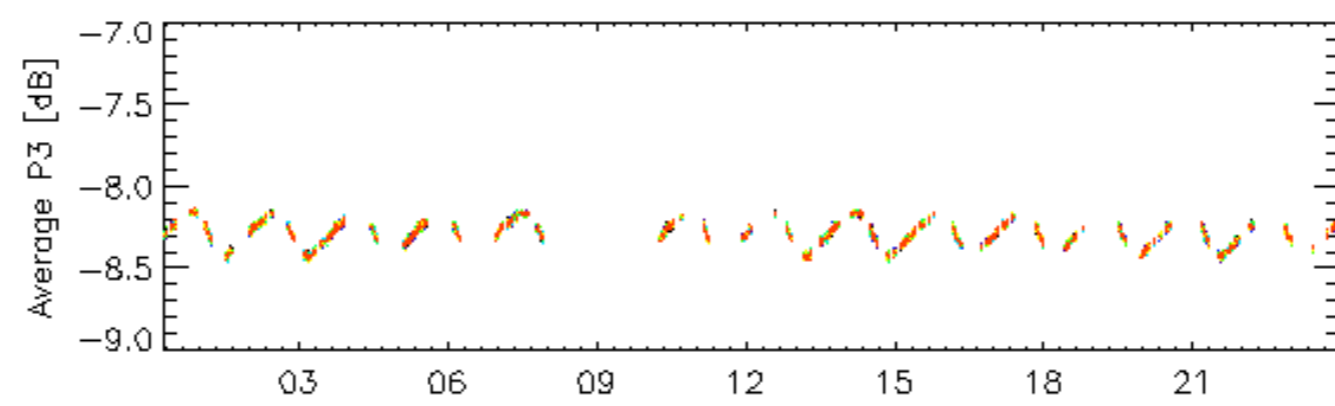
07-Jan



07-Jan



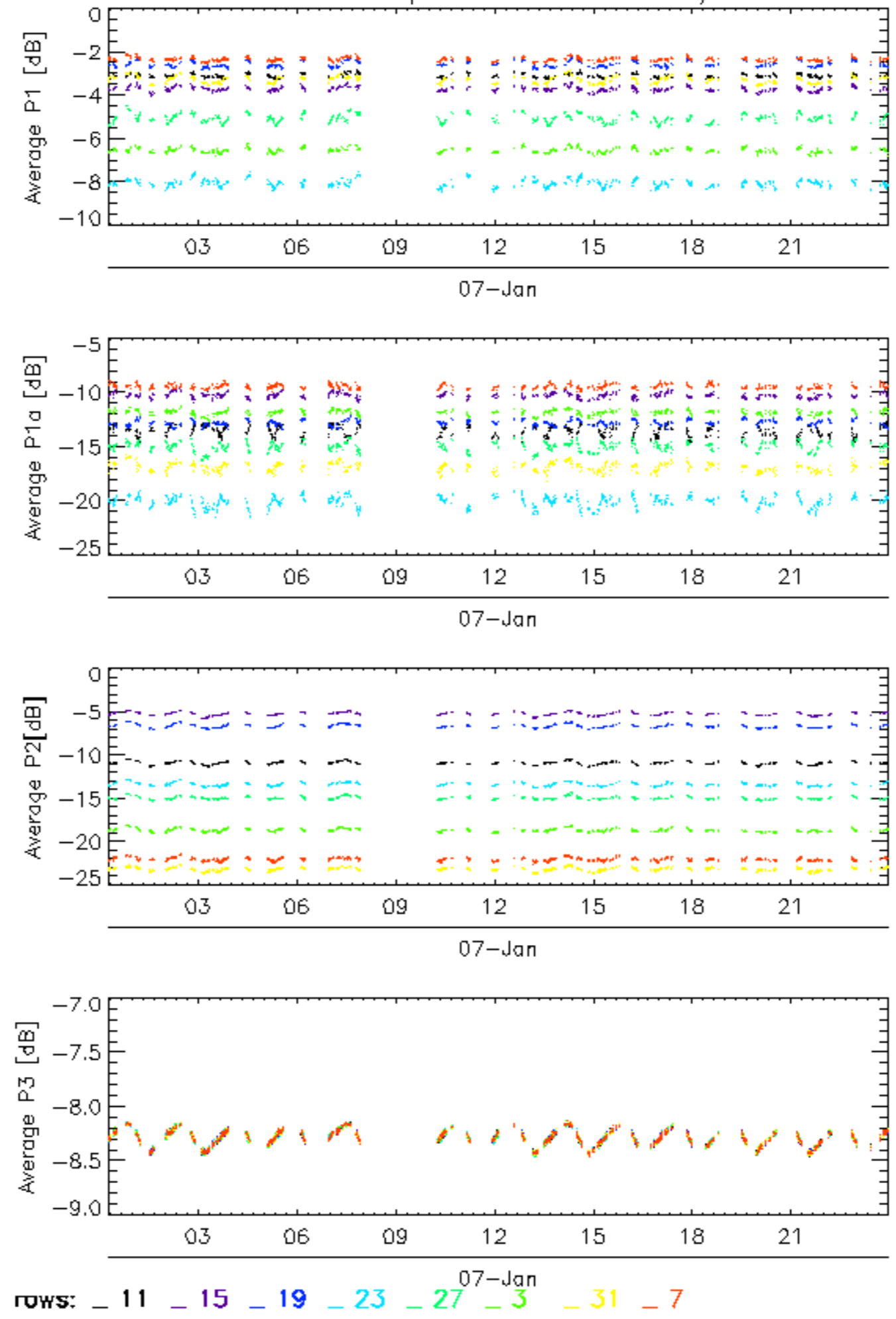
07-Jan



07-Jan

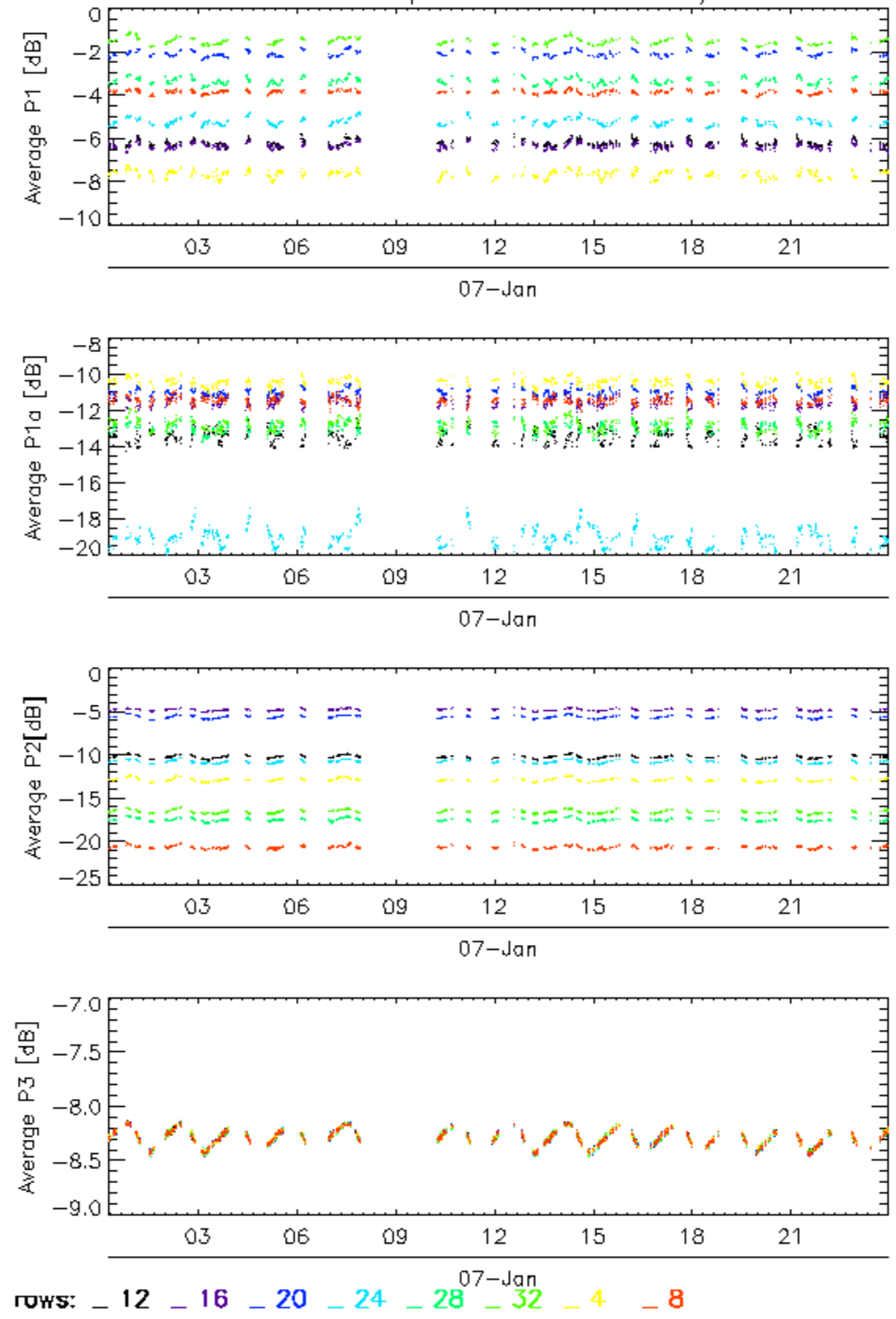
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### Calibration pulses for GM1 SS3 H/H

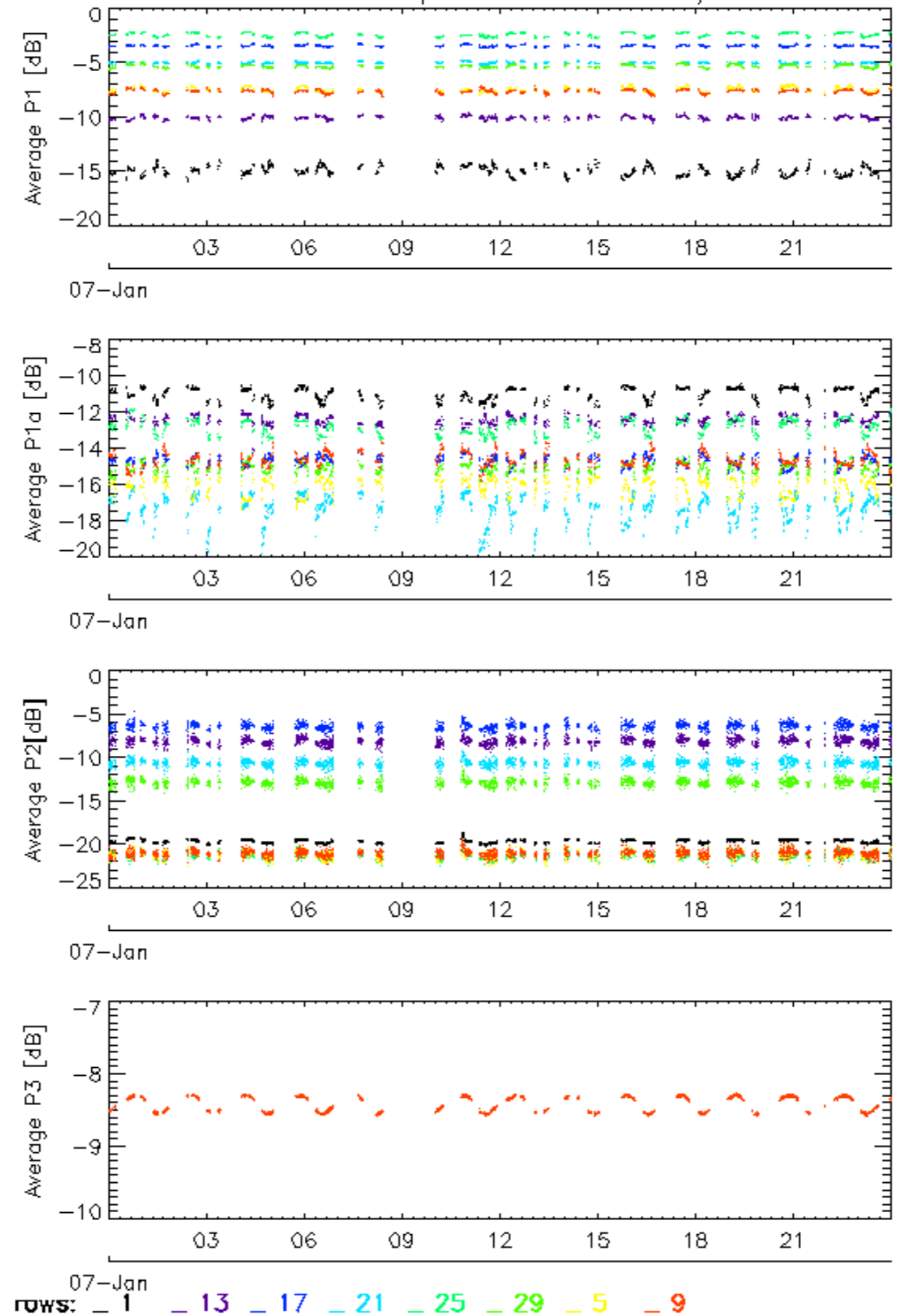




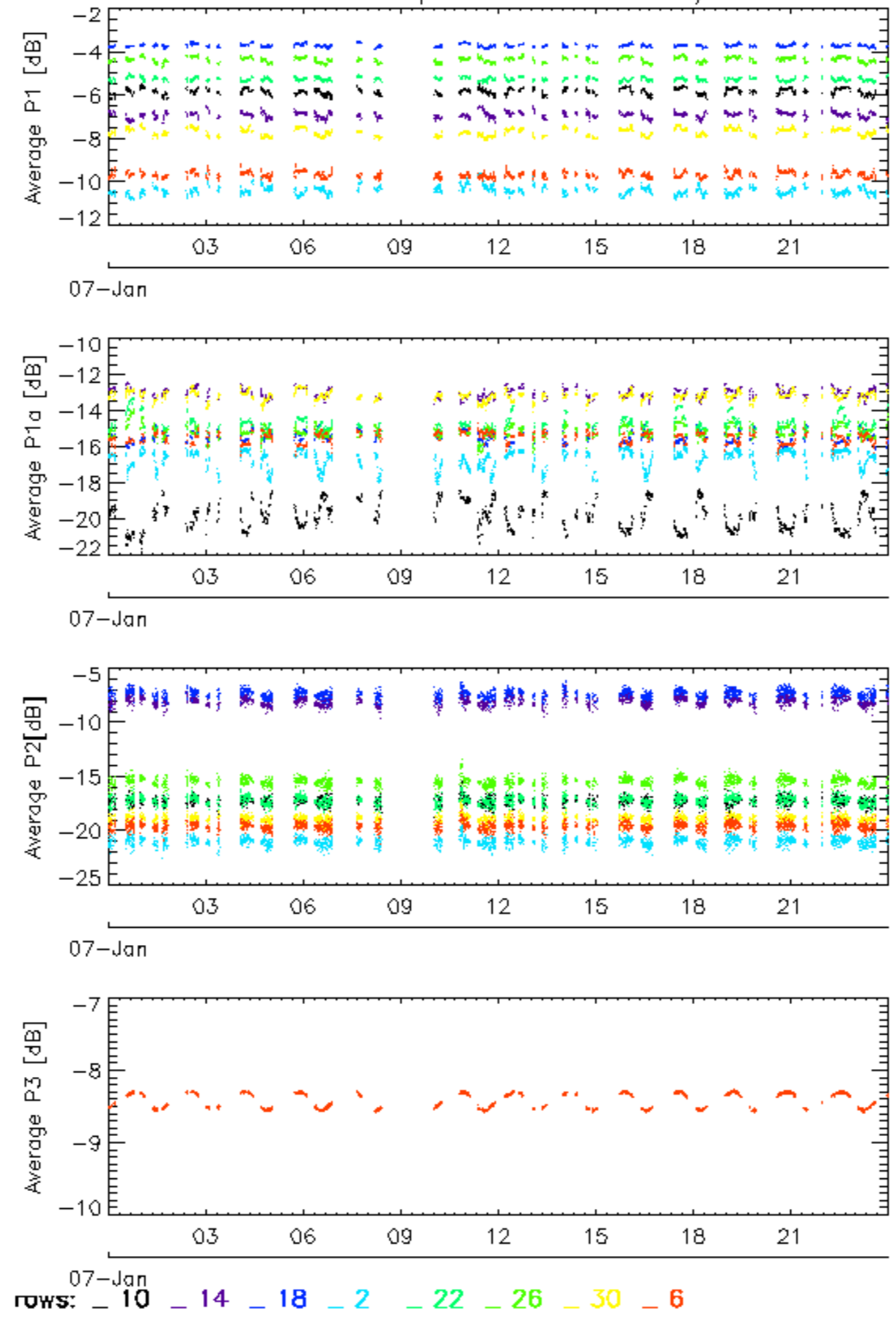
### Calibration pulses for GM1 SS3 H/H



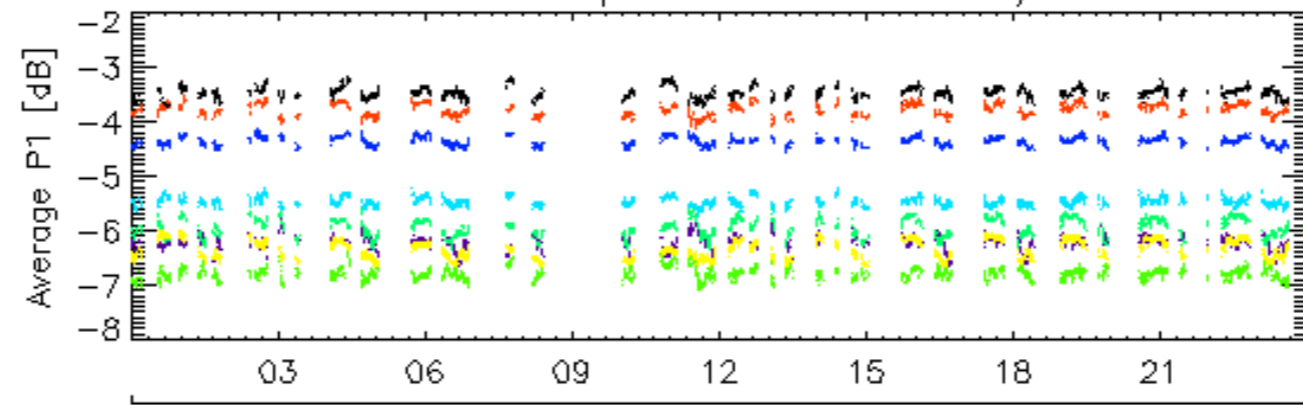
Calibration pulses for WVS IS2 V/V



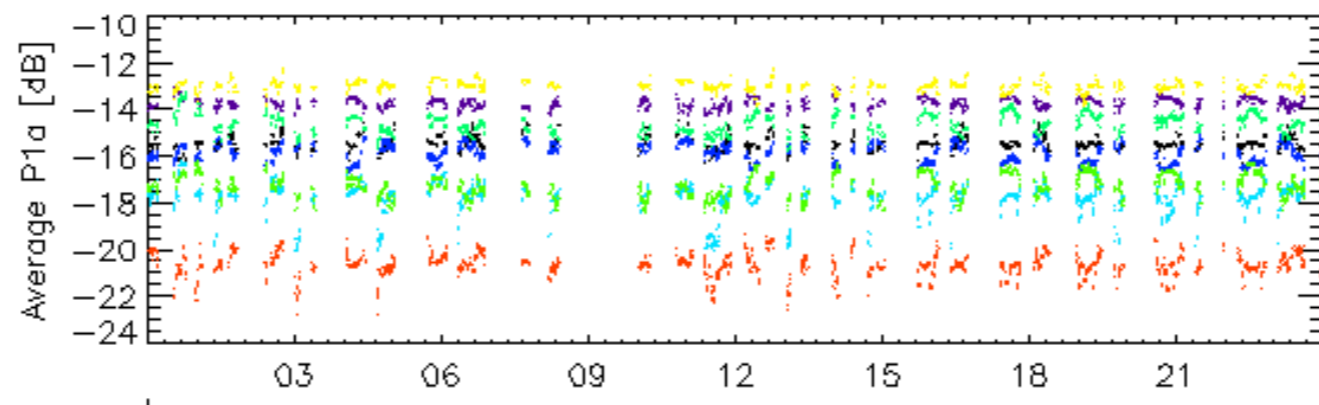
Calibration pulses for WVS IS2 V/V



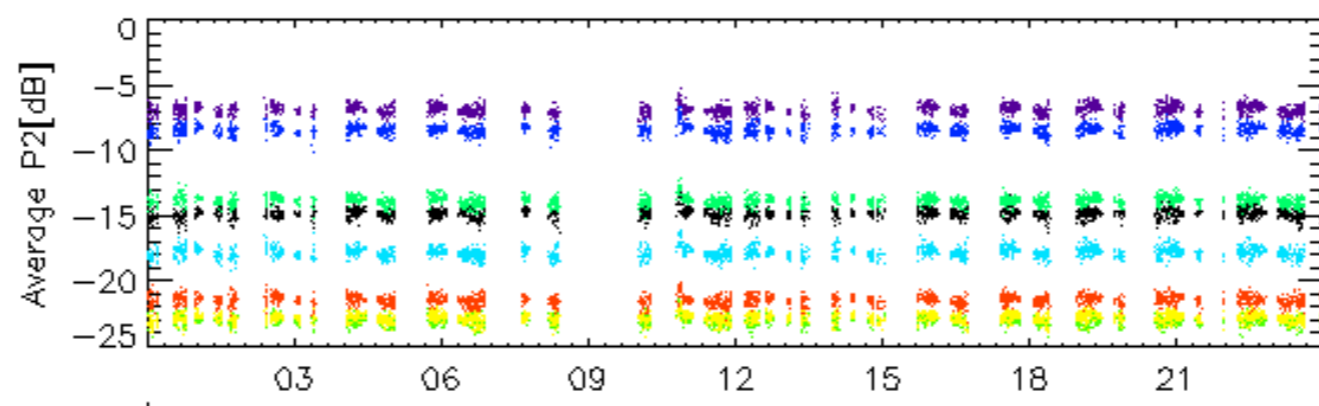
Calibration pulses for WVS IS2 V/V



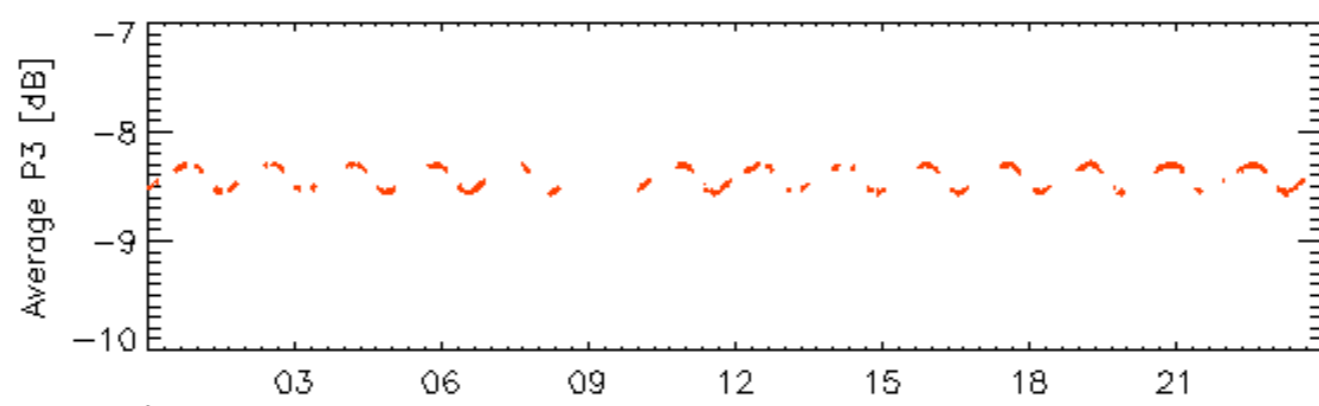
07-Jan



07-Jan



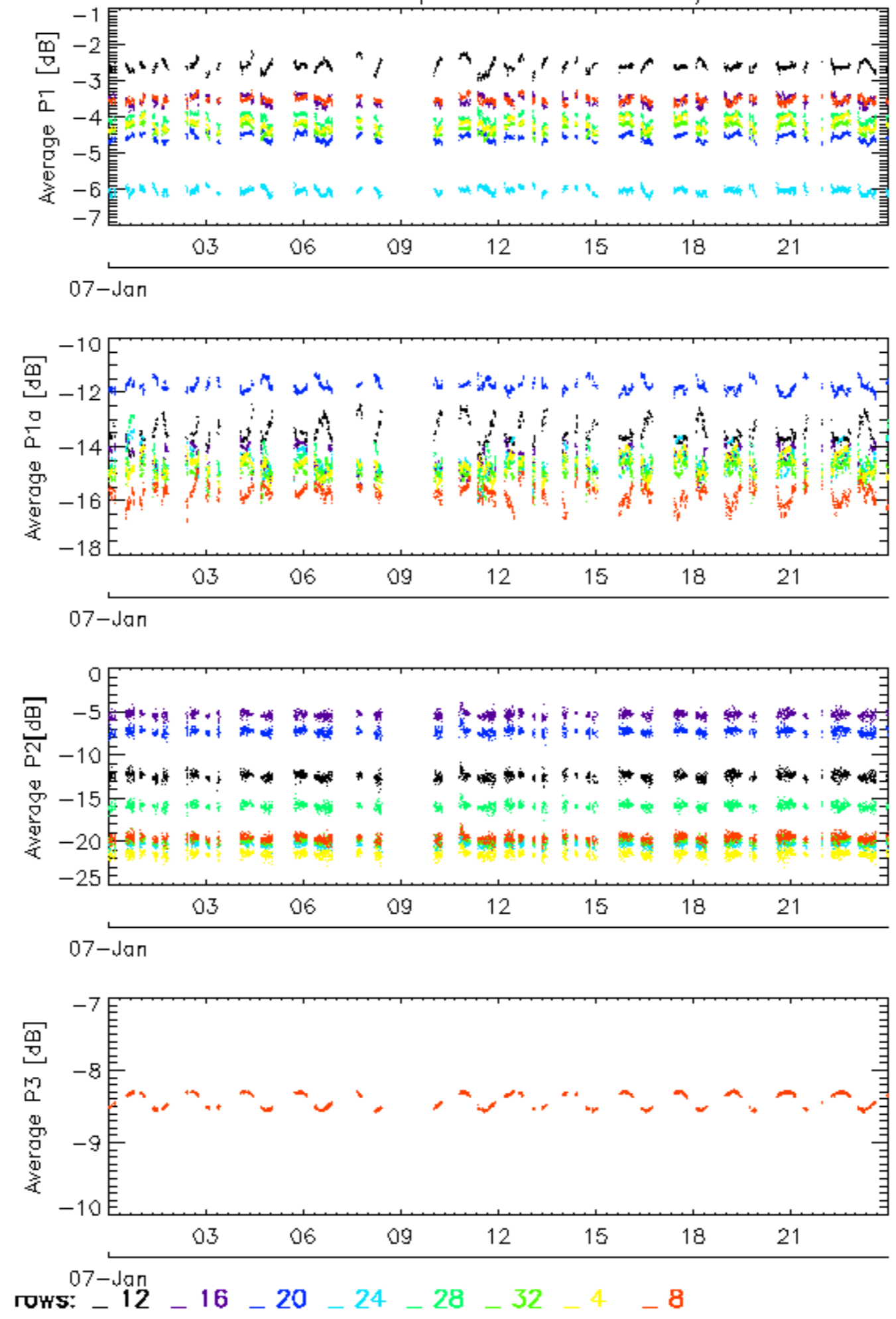
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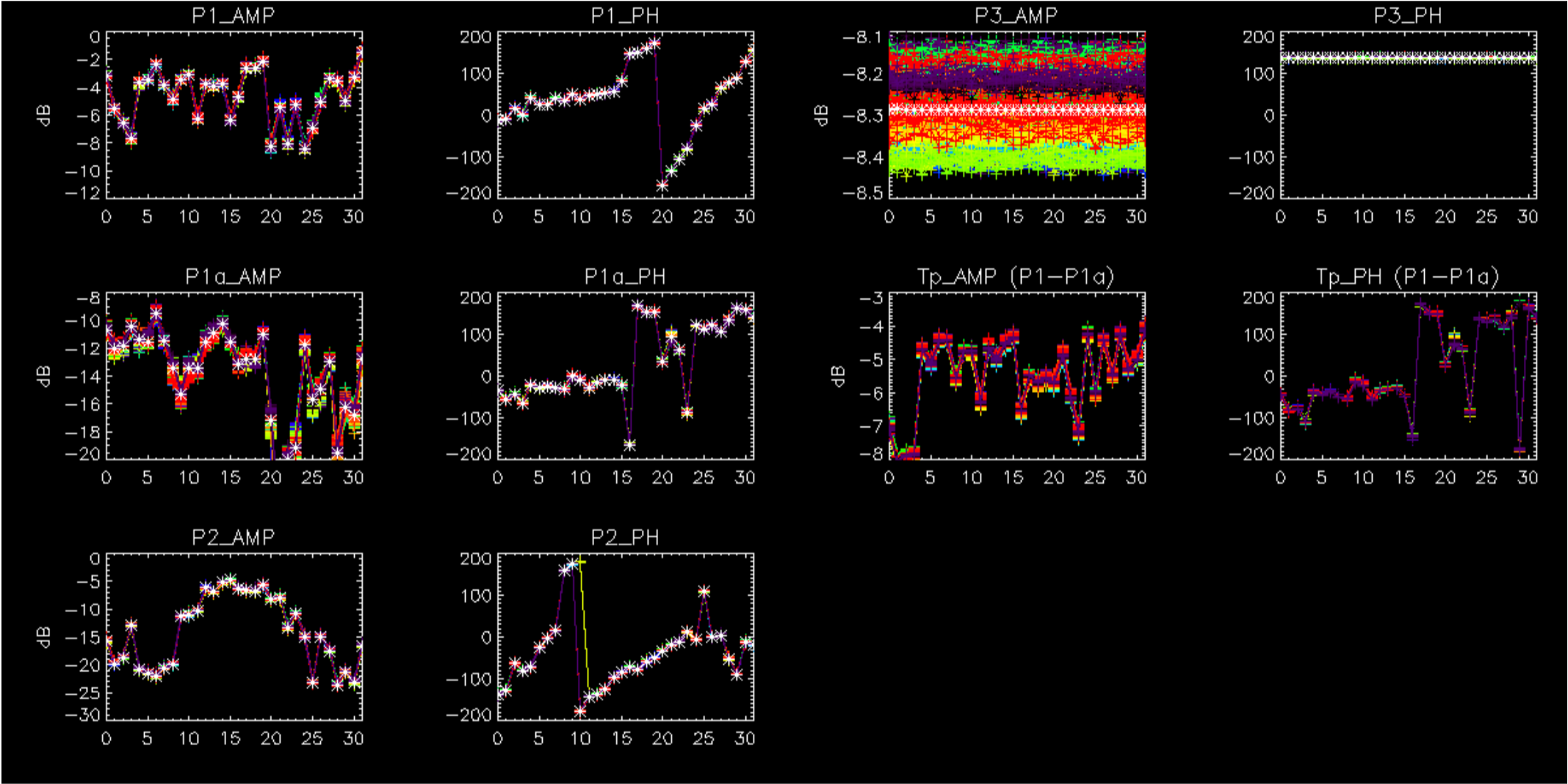


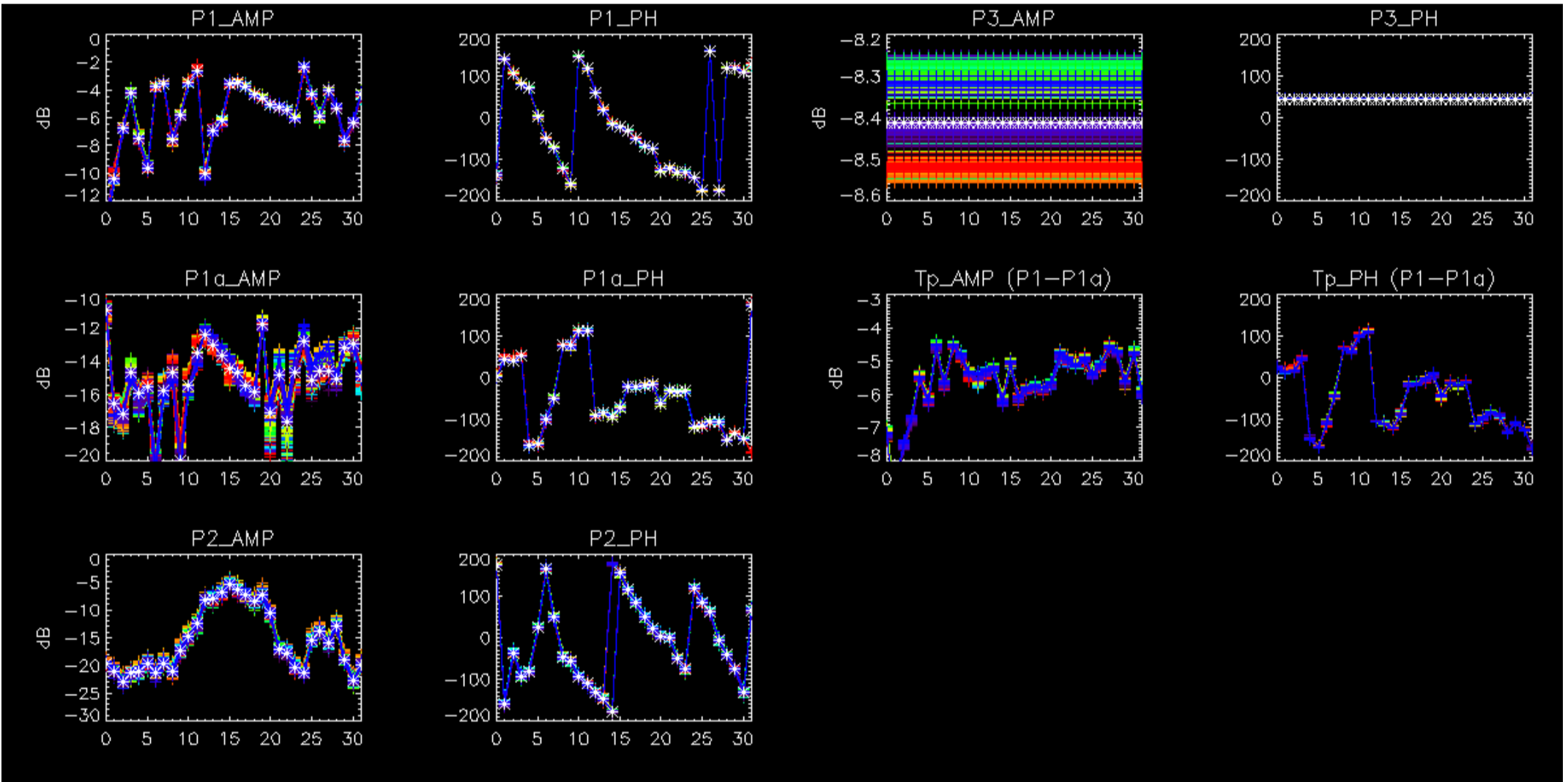
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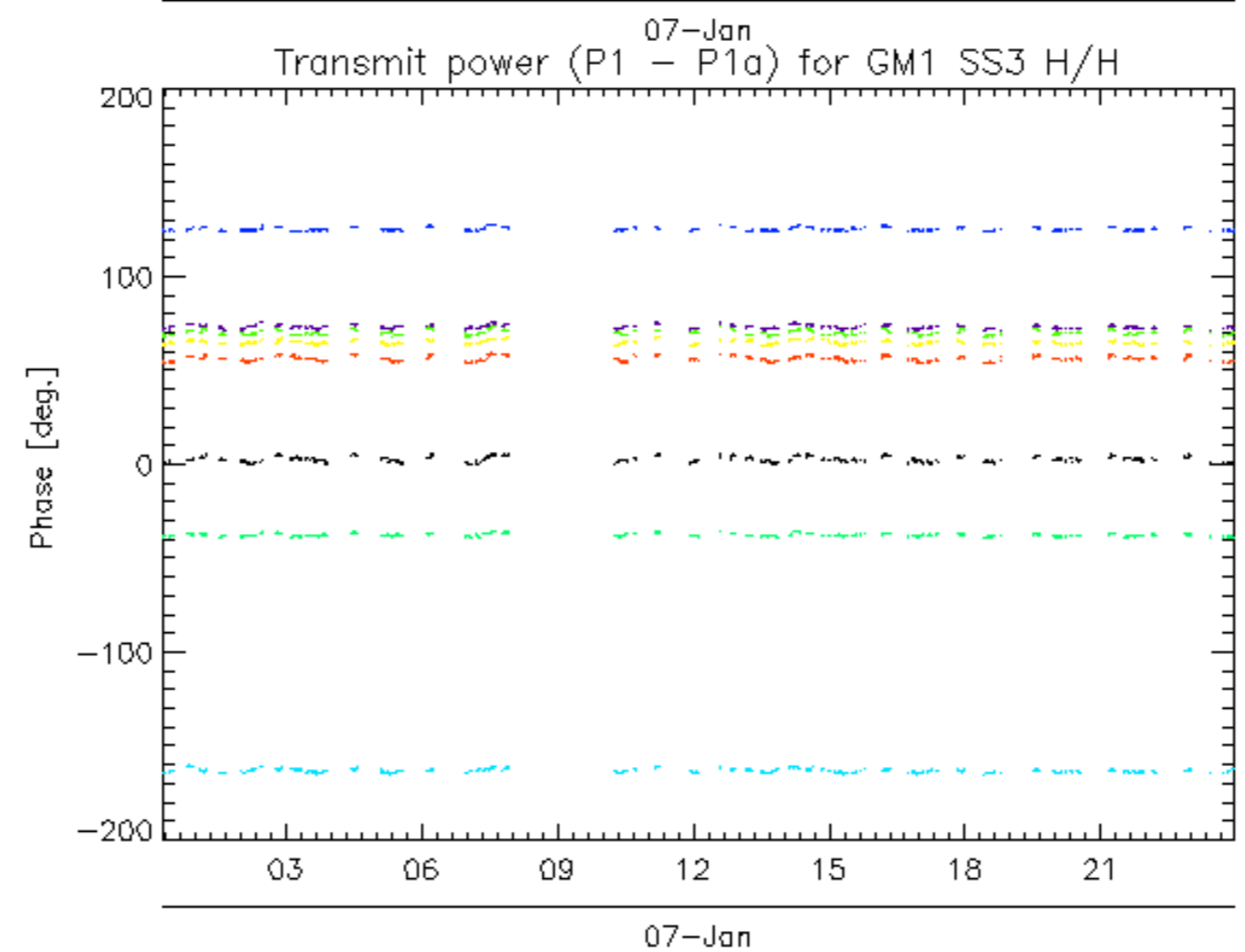
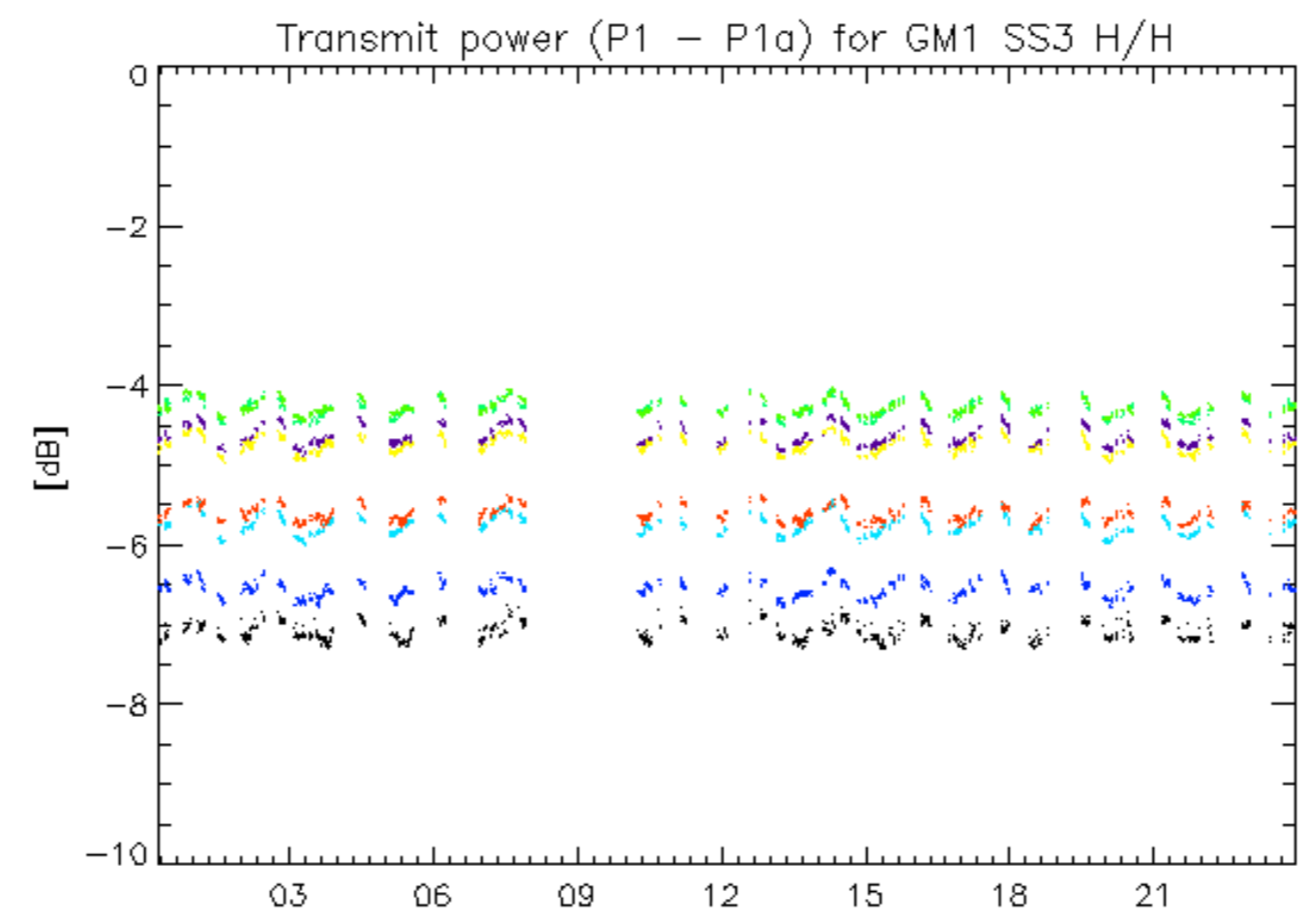
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Calibration pulses for WVS IS2 V/V



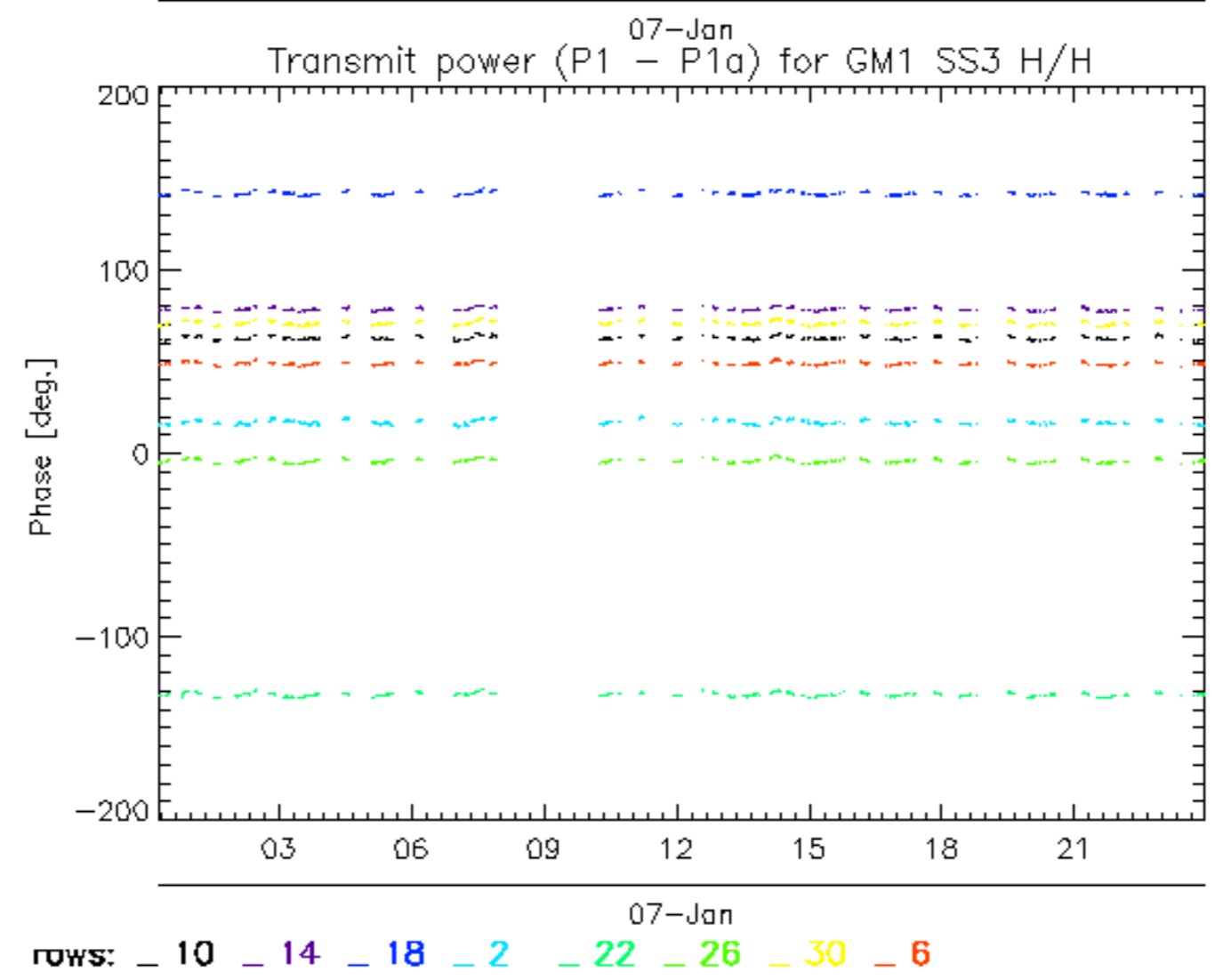
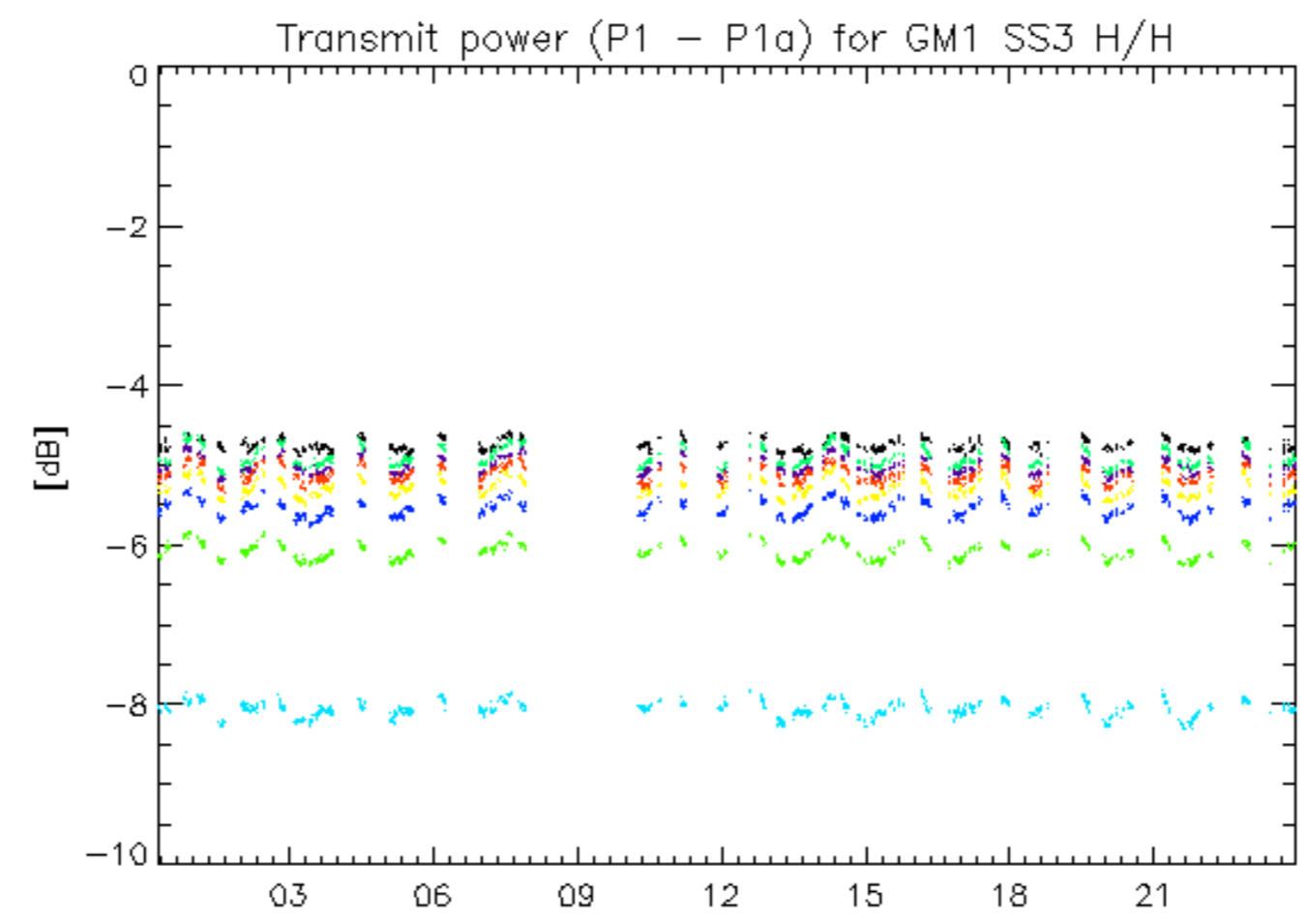


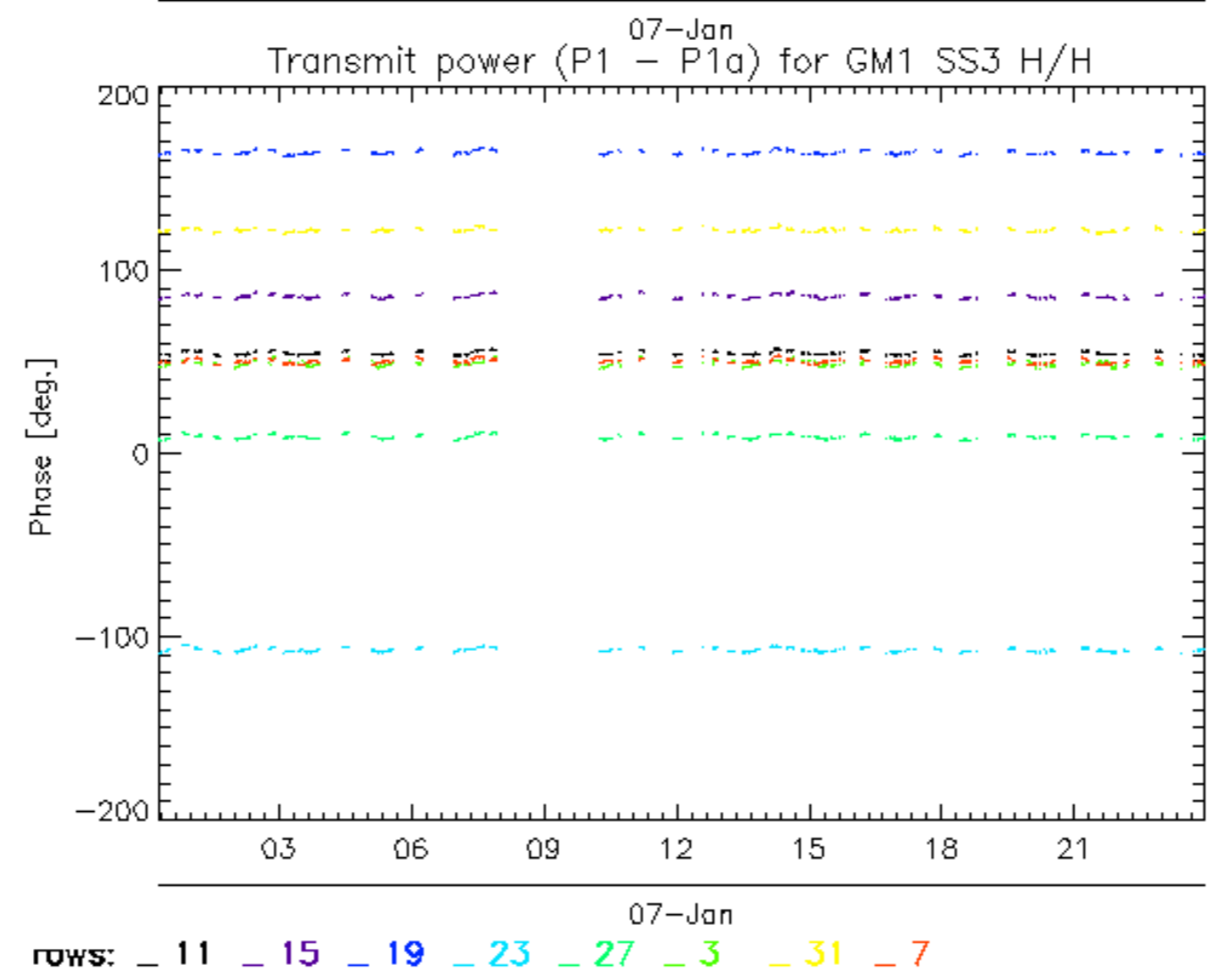
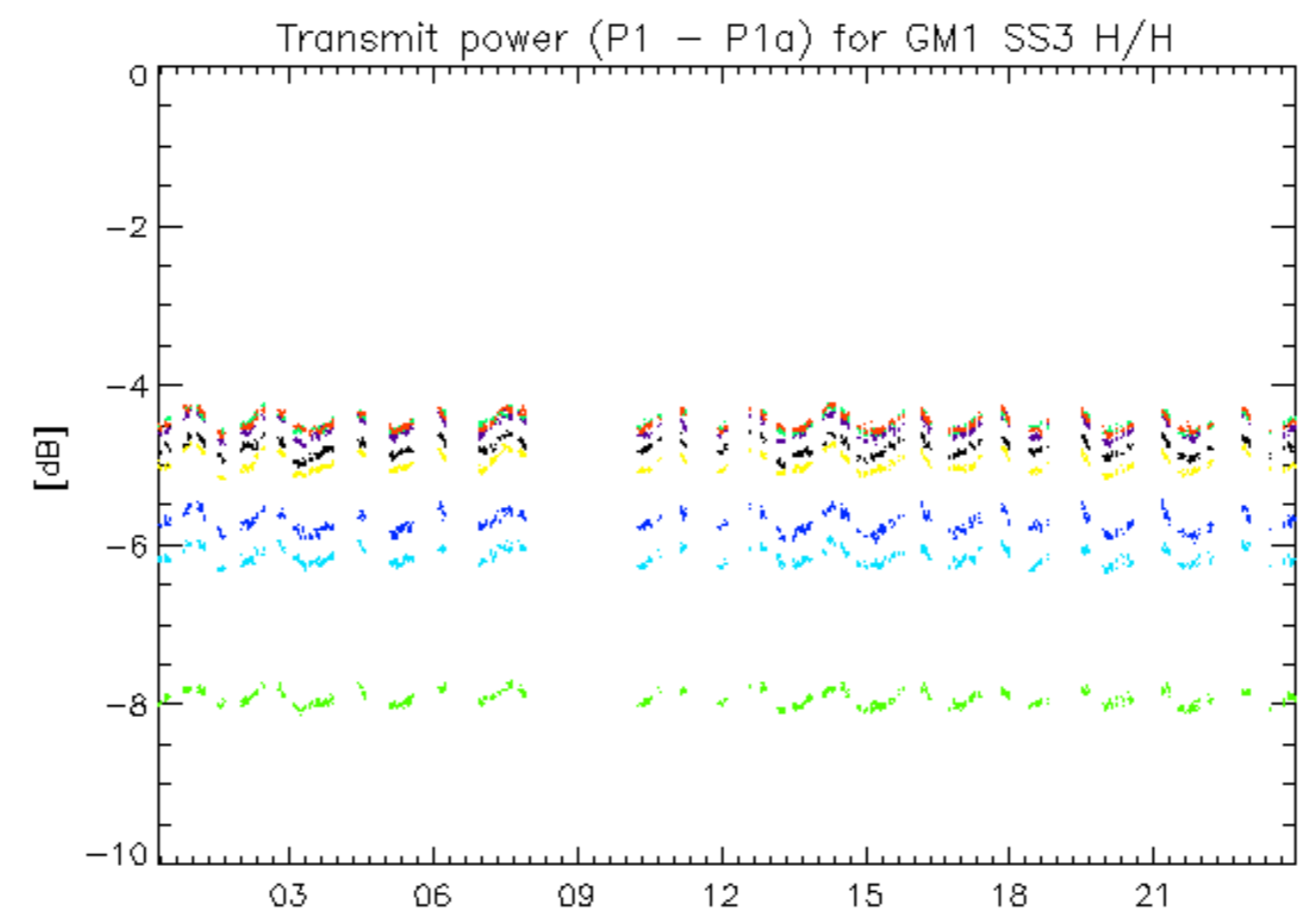


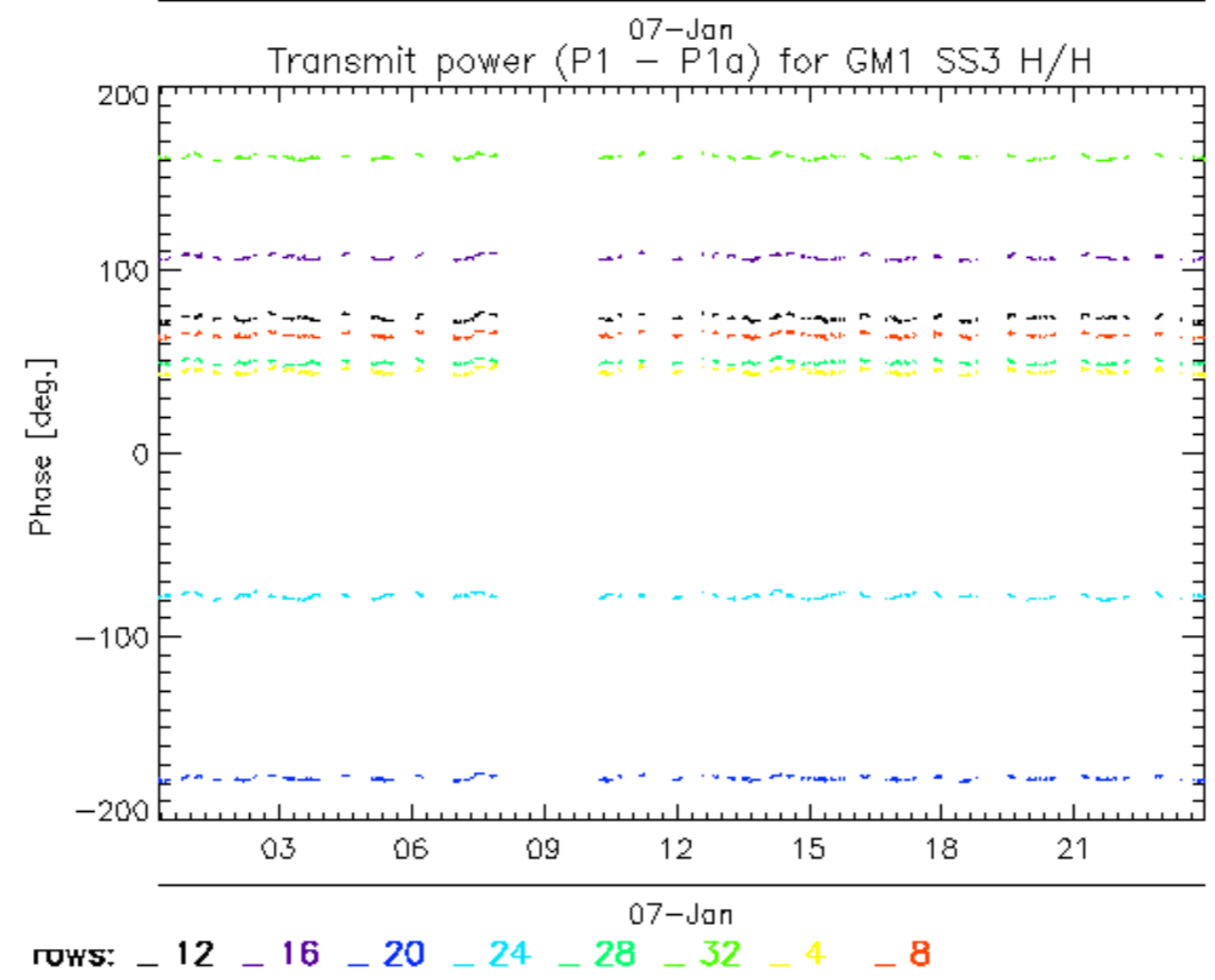
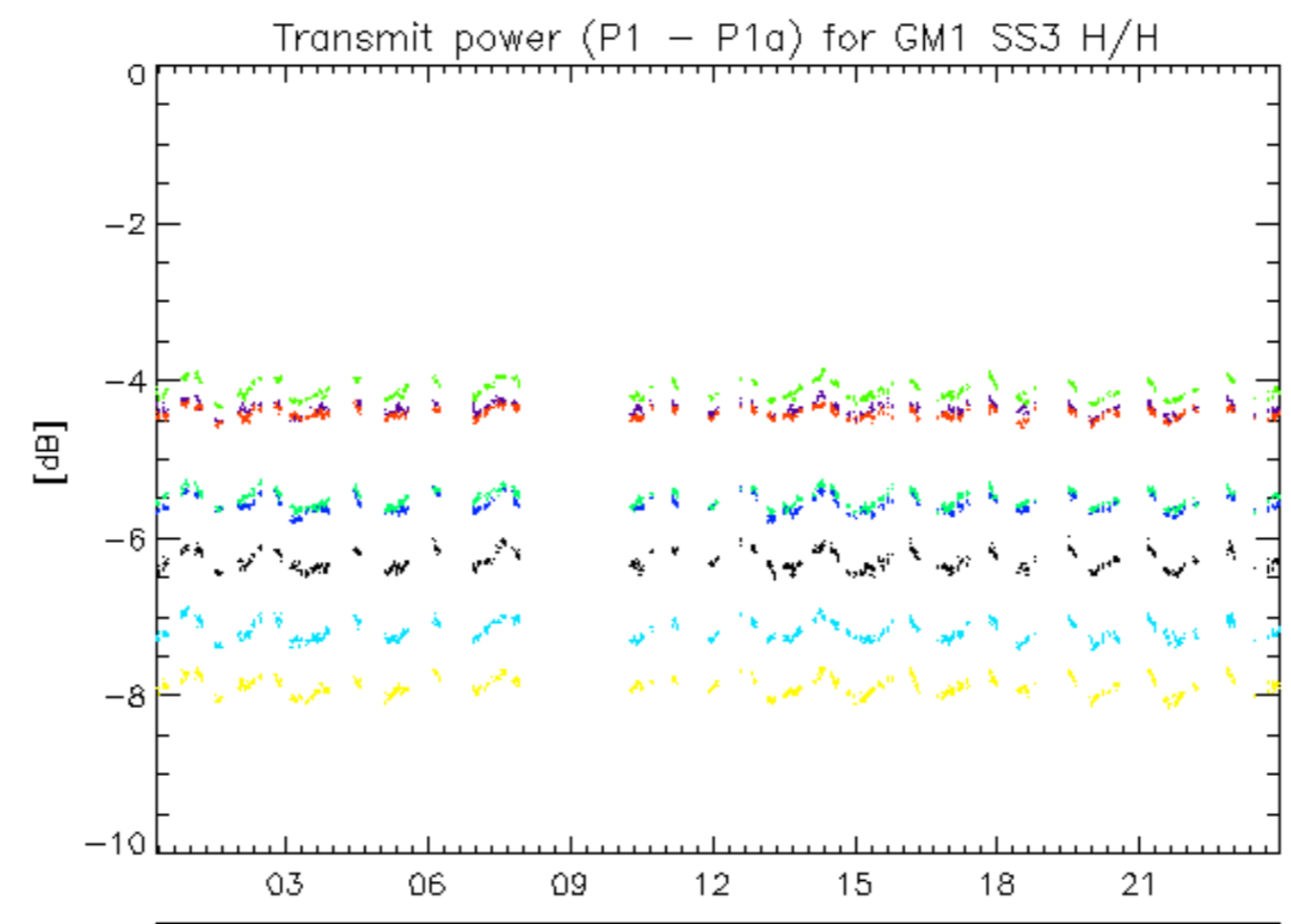


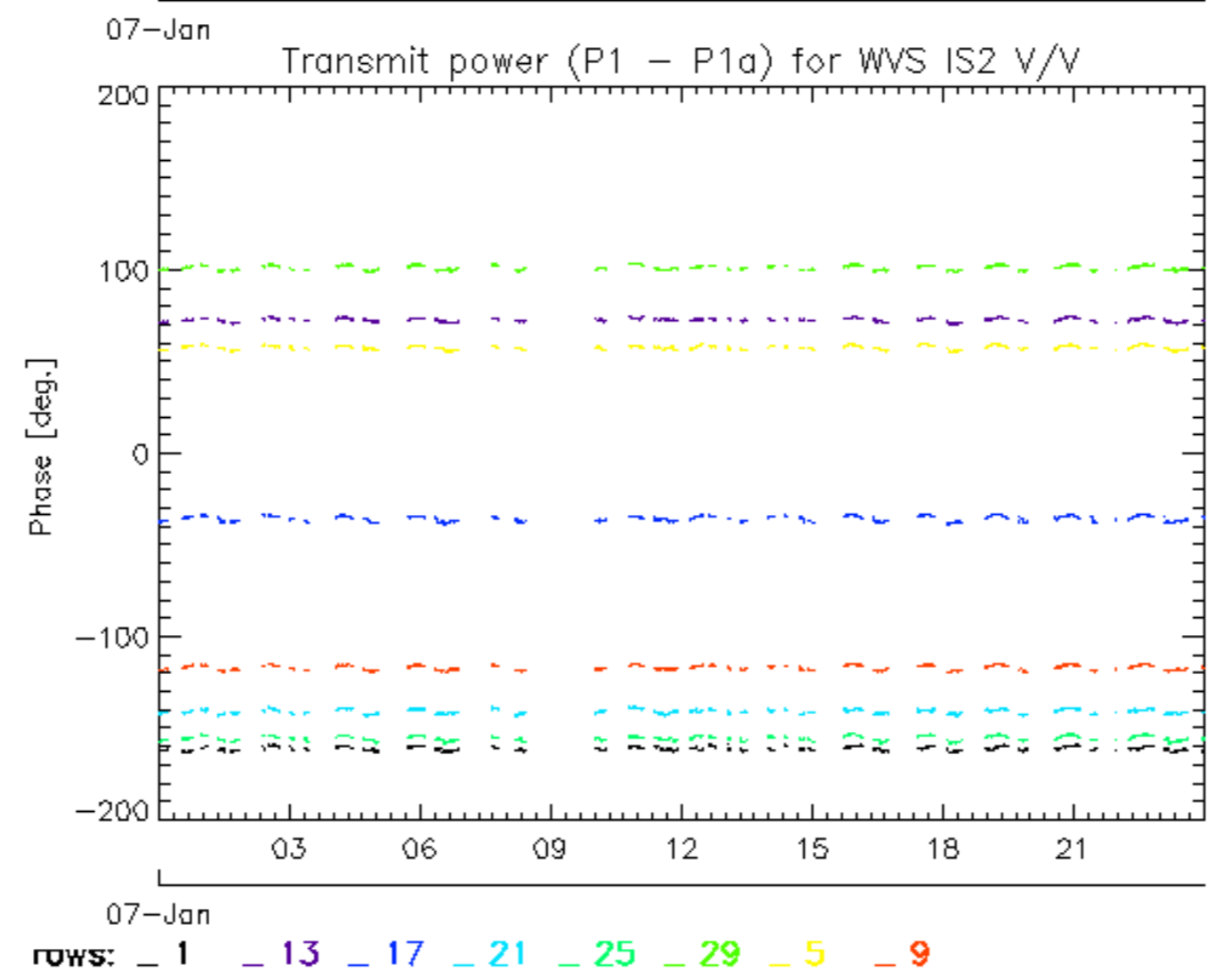
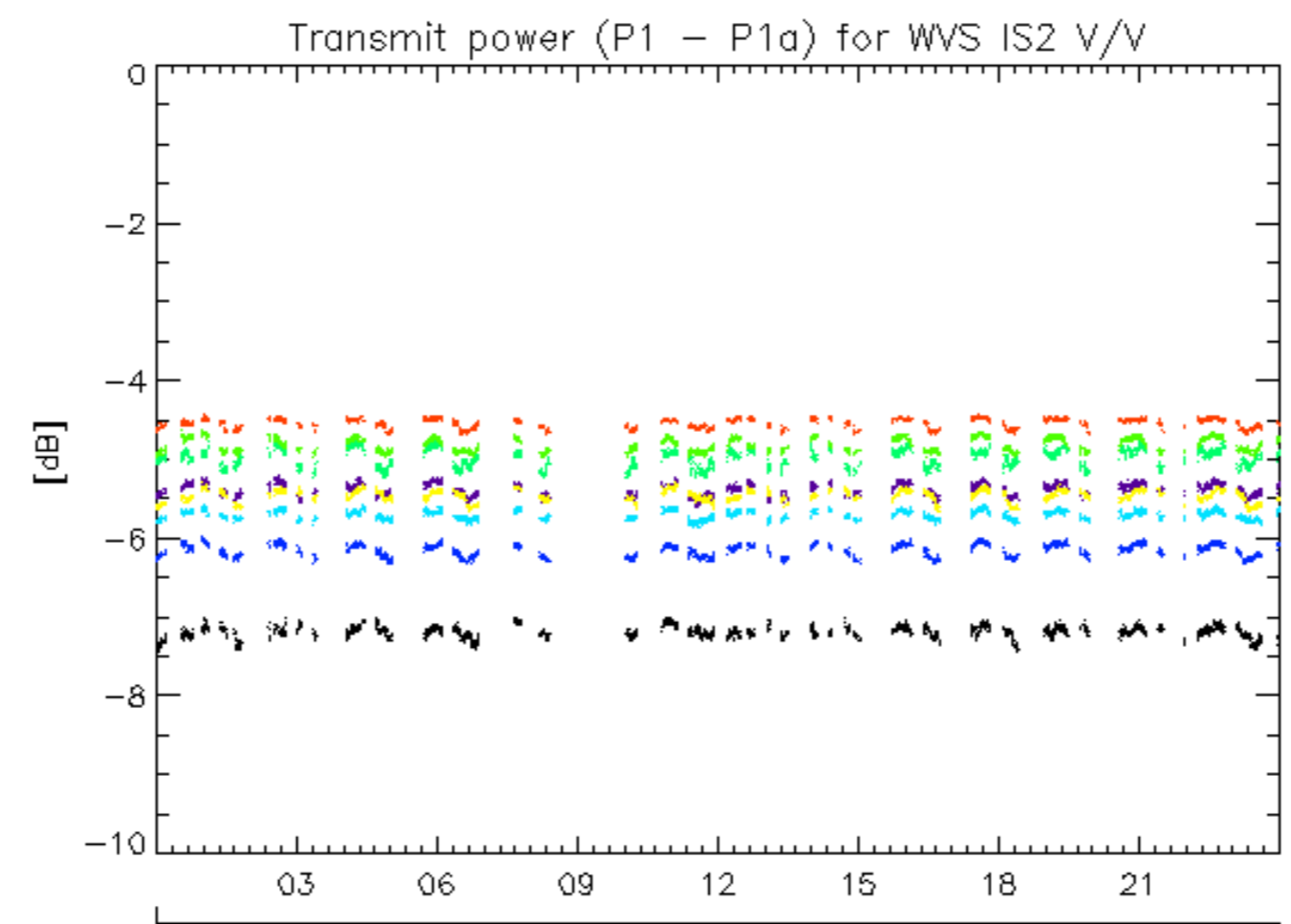
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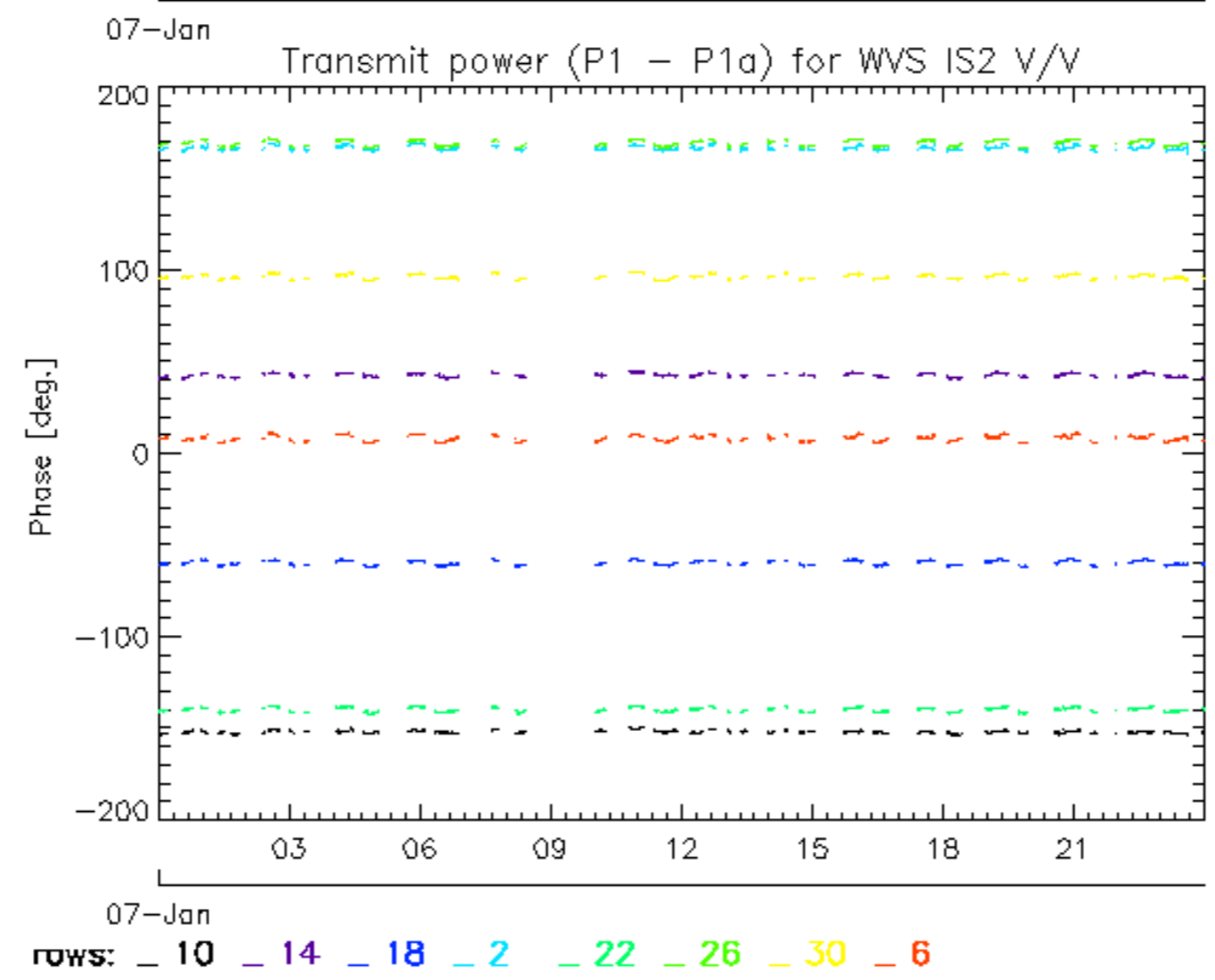
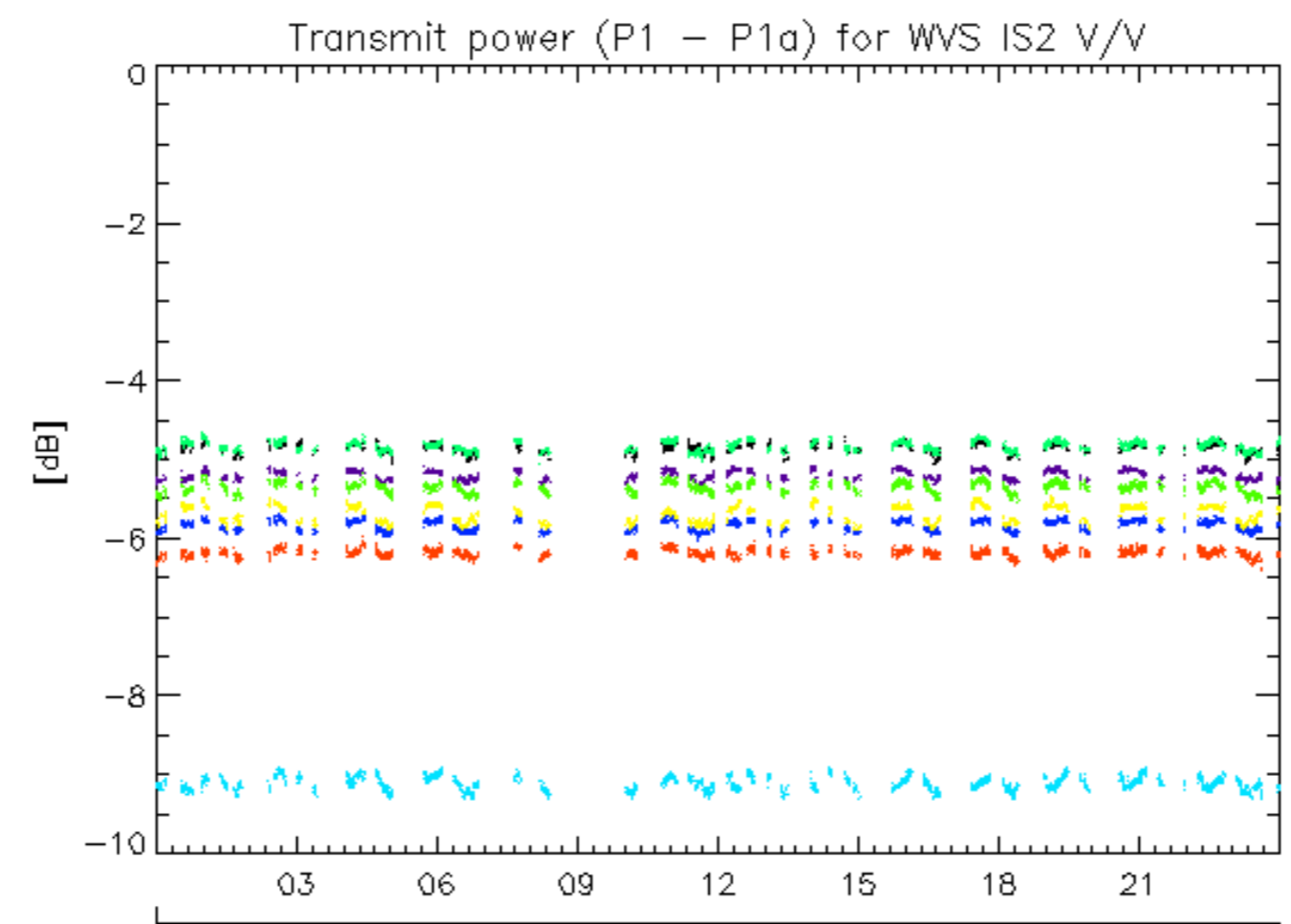


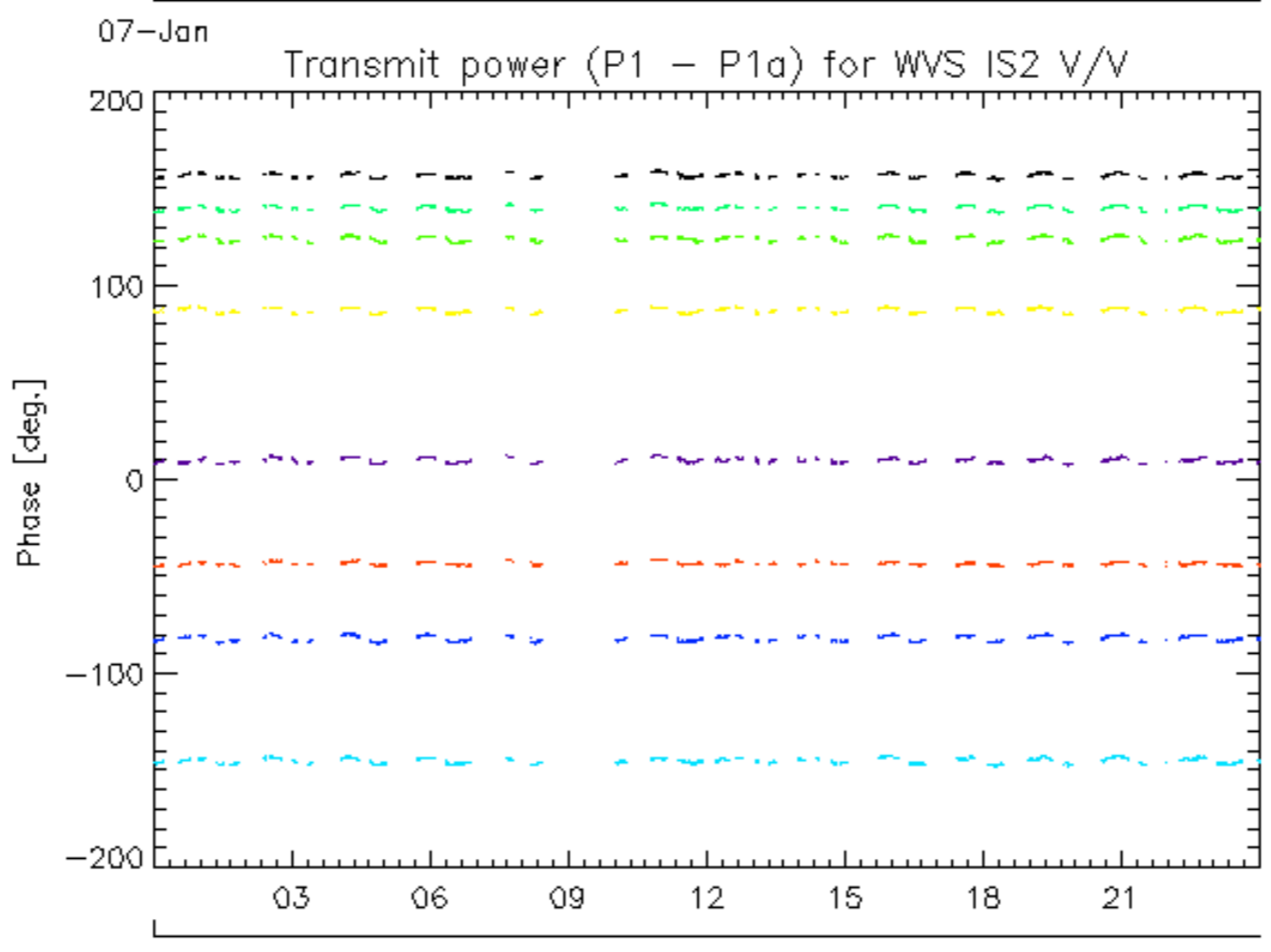
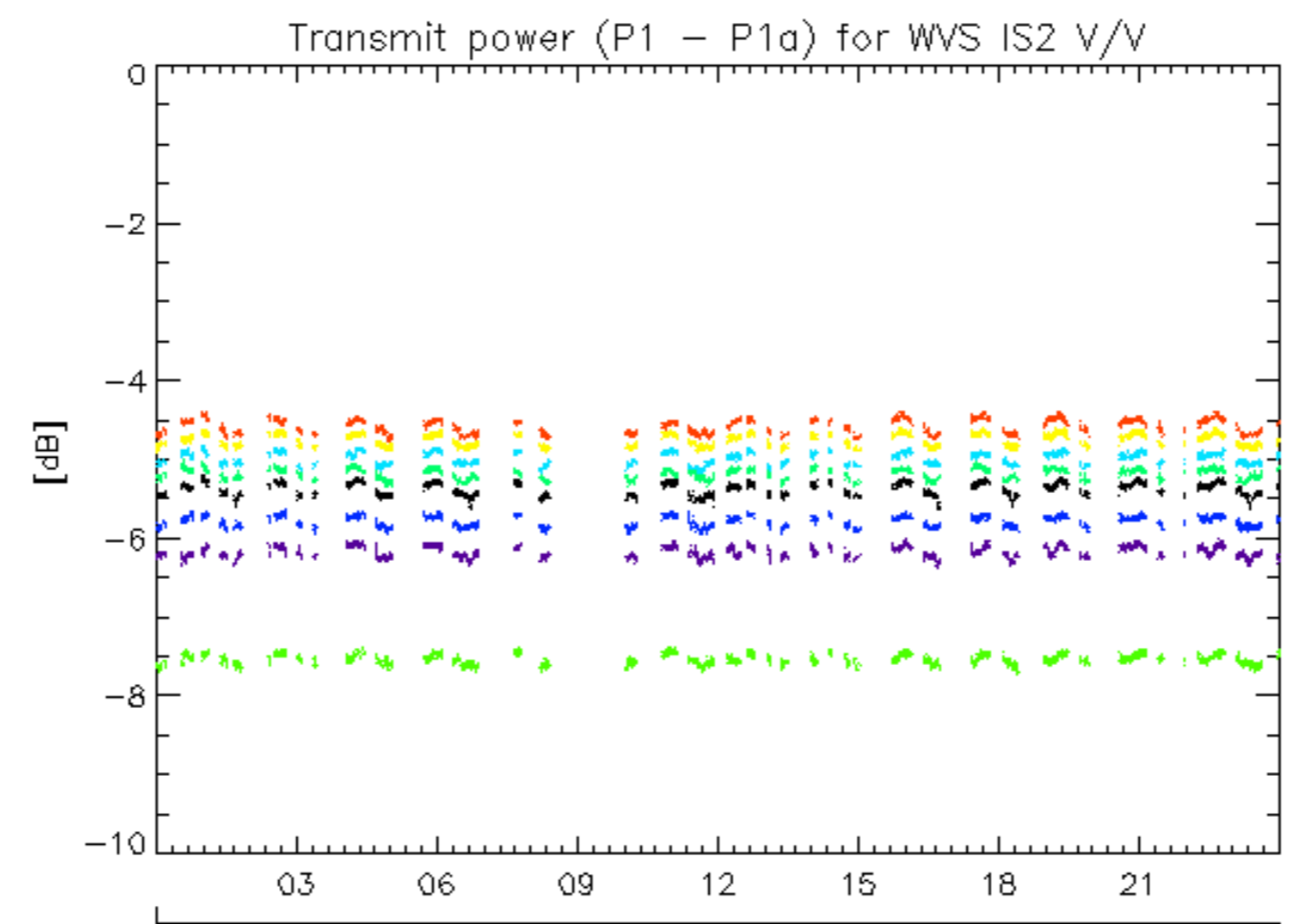




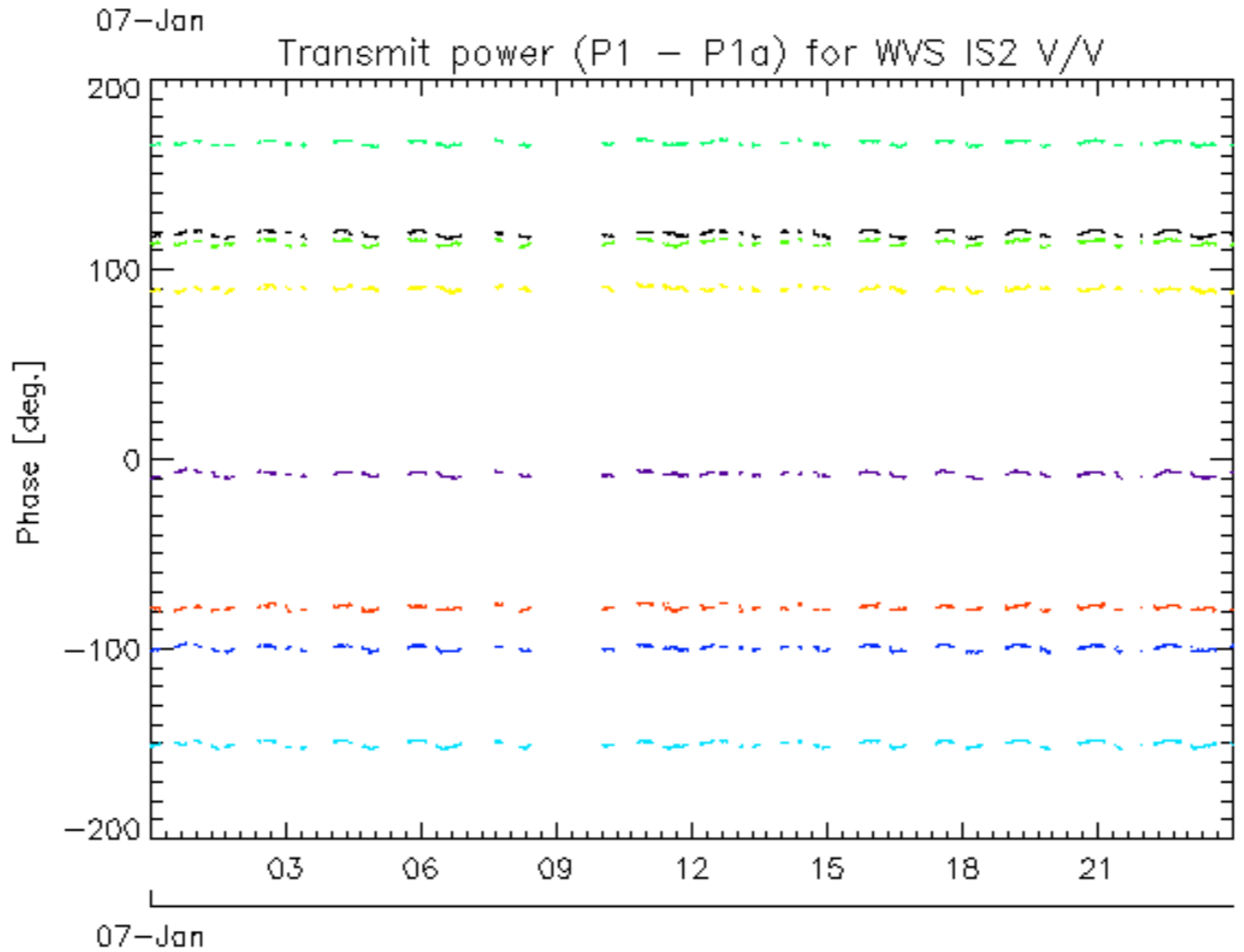
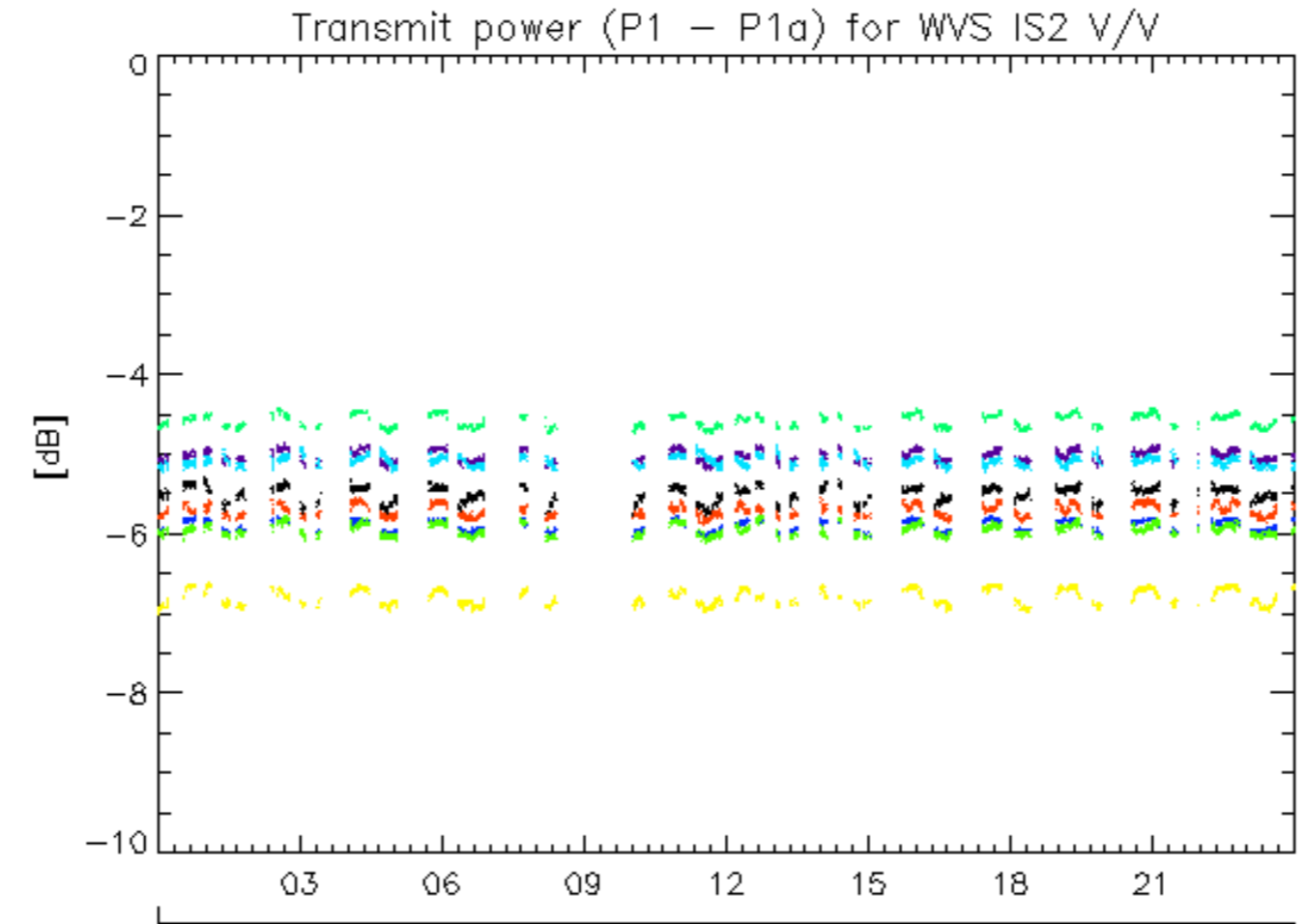




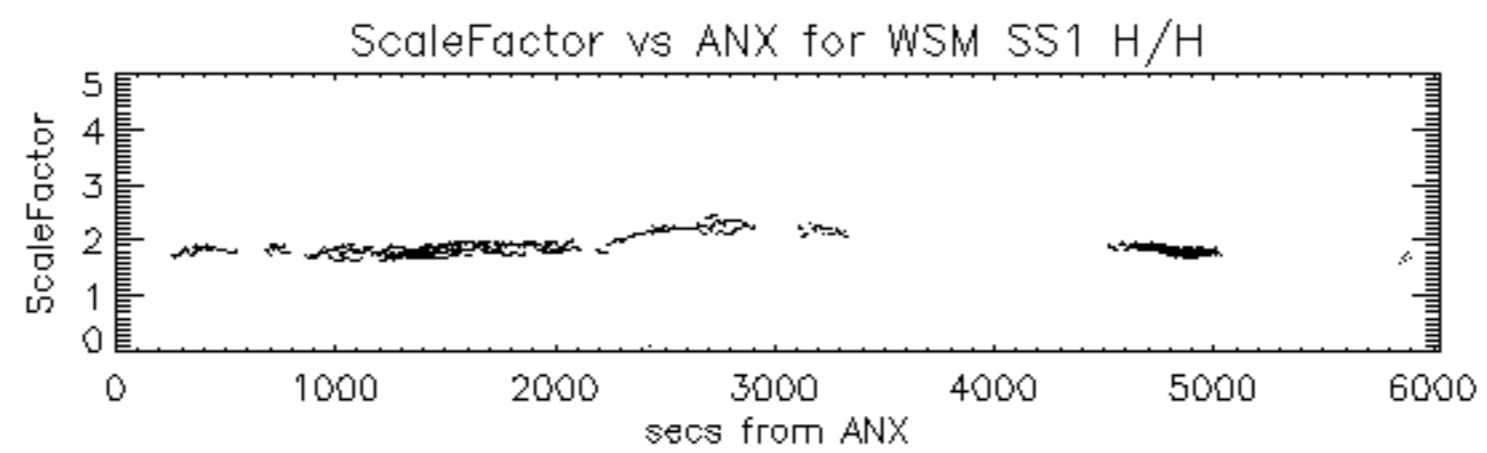




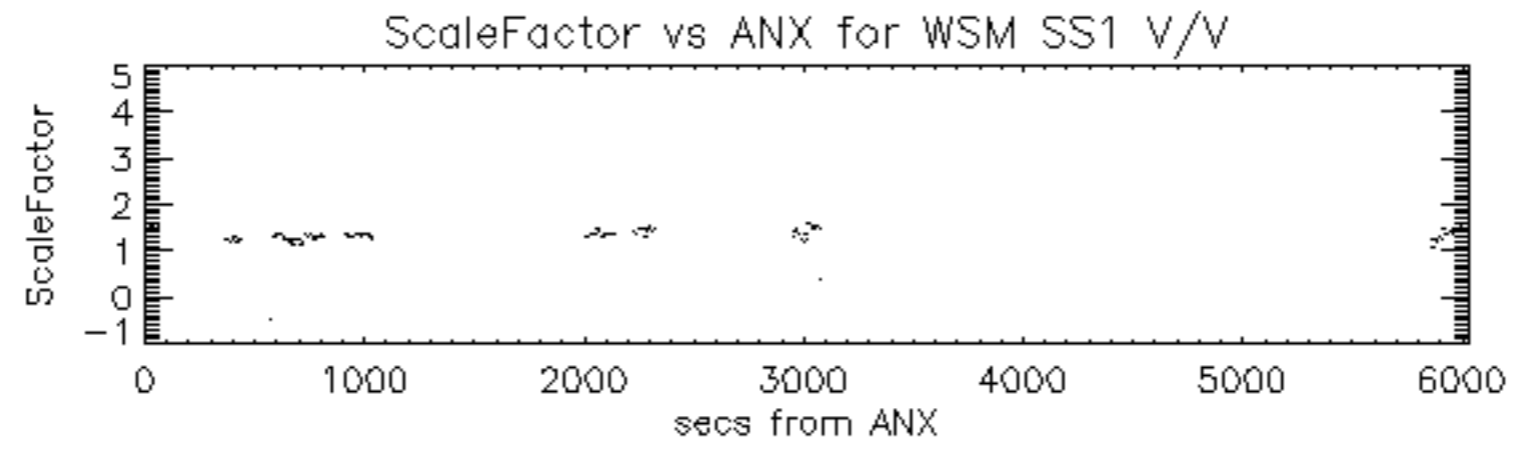
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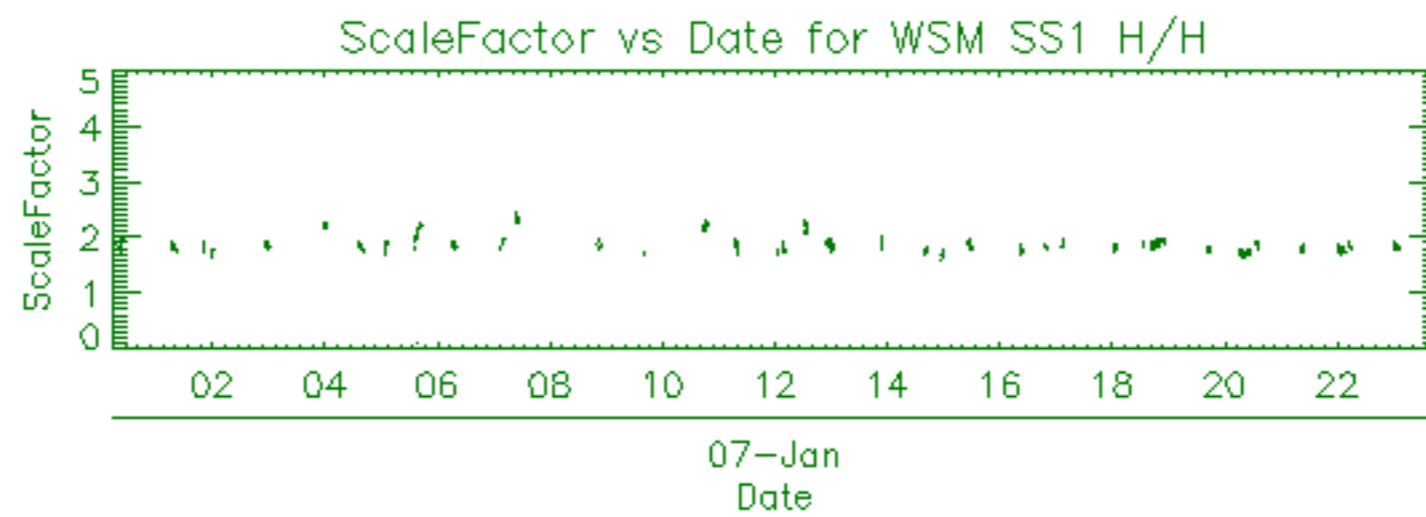


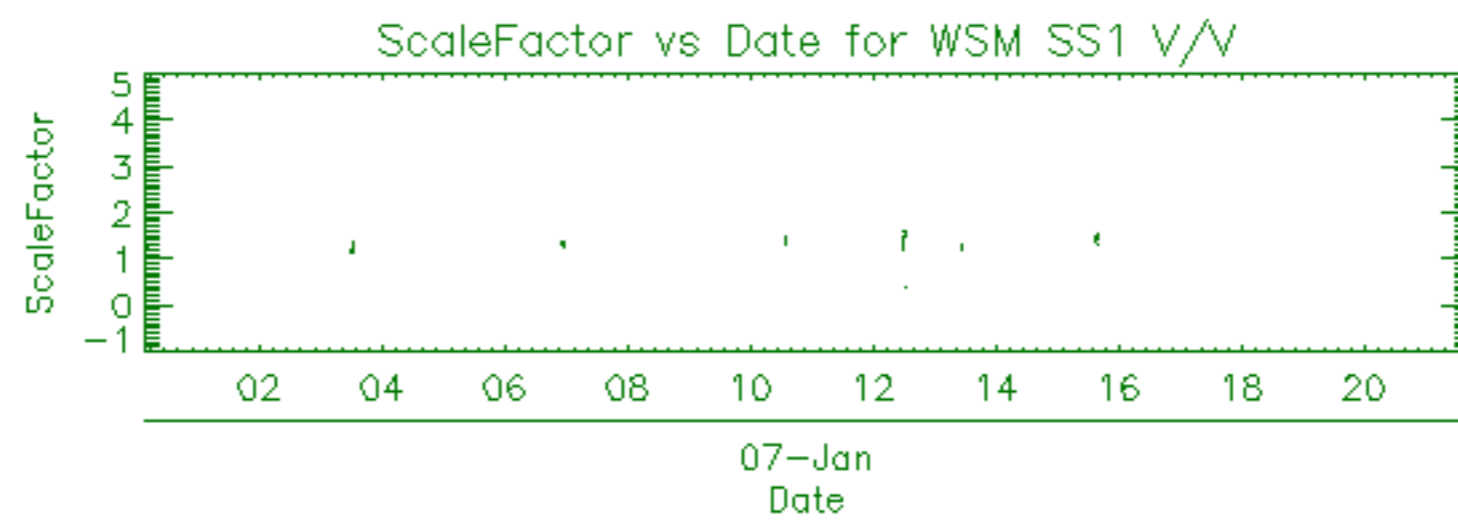
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20120107_031538_000000823110_00233_51540_7310.N1						IS5	V/H	110	51540	233	5.04
ASA_APM_1PNPDE20120107_040123_000000973110_00234_51541_7301.N1						IS4	H/V	110	51541	234	5.04
ASA_APM_1PNPDE20120107_072848_000000443110_00236_51543_7395.N1						IS4	H/H	110	51543	236	5.04
ASA_APM_1PNPDE20120107_090534_000002093110_00237_51544_7469.N1						IS1	V/H	110	51544	237	5.04
ASA_APM_1PNPDE20120107_141124_000000853110_00240_51547_7515.N1						IS3	H/H	110	51547	240	5.04
ASA_APM_1PNPDE20120107_150515_000000723110_00241_51548_7524.N1						IS4	H/H	110	51548	241	5.04
ASA_APM_1PNPDE20120107_195612_000000443110_00243_51550_7572.N1						IS4	V/H	110	51550	243	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20120107_004840_000001143110_00232_51539_7275.N1						SS1	H/H	110	51539	232	5.04
ASA_GM1_1PNPDE20120107_005139_000003623110_00232_51539_7277.N1						SS1	H/H	110	51539	232	5.04
ASA_GM1_1PNPDE20120107_010647_000005733110_00232_51539_7280.N1						SS1	H/H	110	51539	232	5.04
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ASA_GM1_1PNPDE20120107_020052_000009673110_00233_51540_7309.N1						SS1	H/H	110	51540	233	5.04
ASA_GM1_1PNPDE20120107_021834_000002053110_00233_51540_7308.N1						SS1	H/H	110	51540	233	5.04
ASA_GM1_1PNPDE20120107_022701_000001813110_00233_51540_7319.N1						SS1	H/H	110	51540	233	5.04
ASA_GM1_1PNPDE20120107_024658_000005193110_00233_51540_7318.N1						SS1	H/H	110	51540	233	5.04
ASA_GM1_1PNPDE20120107_030637_000001443110_00233_51540_7317.N1						SS1	H/H	110	51540	233	5.04
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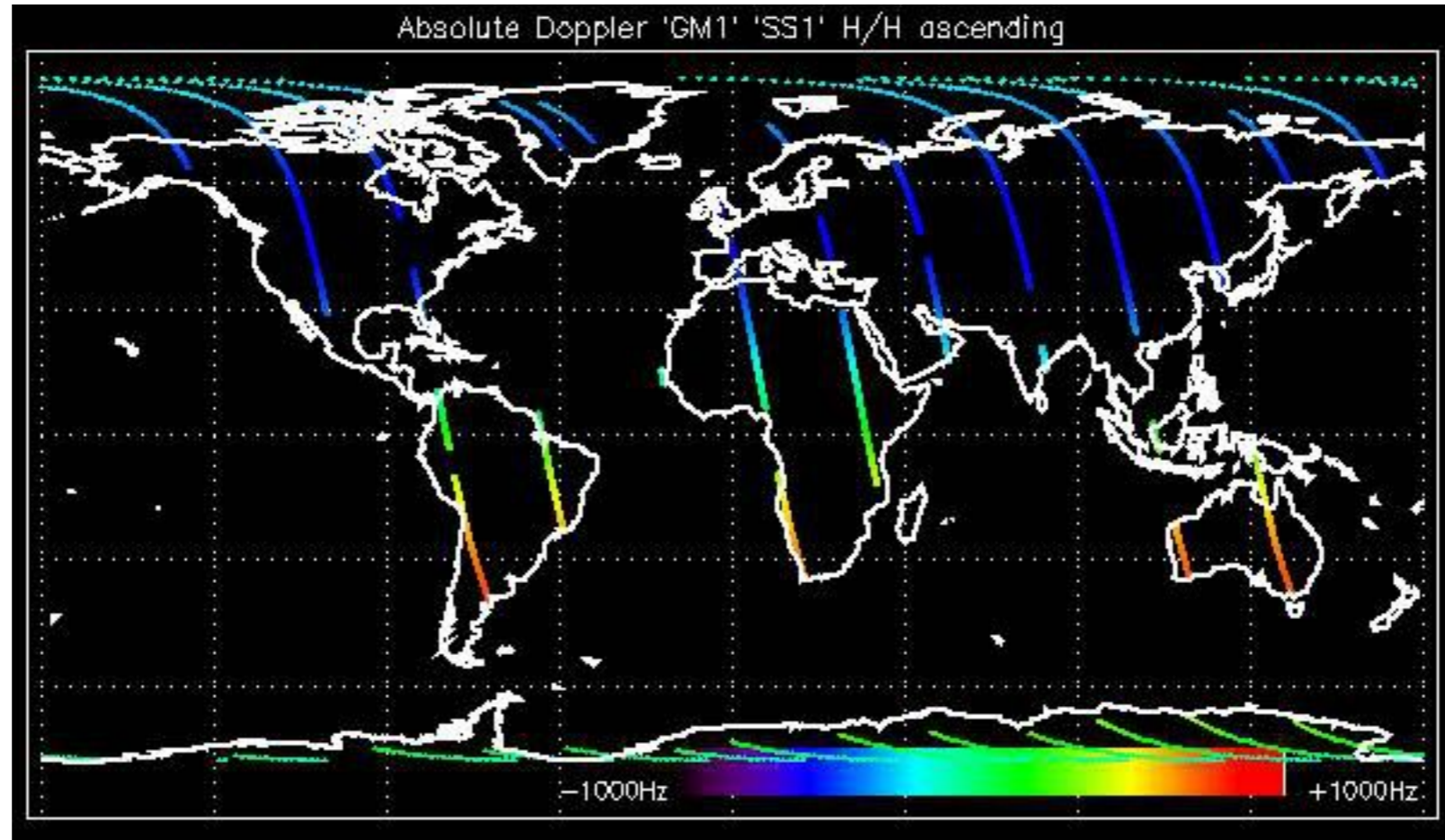
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ASA_IMM_1PNPDK20120107_082414_000000453110_00237_51544_2915.N1						IS1	V/V	110	51544	237	5.04
ASA_IMM_1PNPDE20120107_084609_000002333110_00237_51544_7467.N1						IS6	H/H	110	51544	237	5.04
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ASA_IMM_1PNPDE20120107_112715_000000783110_00238_51545_7480.N1						IS6	H/H	110	51545	238	5.04
ASA_IMM_1PNPDE20120107_153941_000000403110_00241_51548_7526.N1						IS6	H/H	110	51548	241	5.04
ASA_IMM_1PNPDE20120107_171737_000002263110_00242_51549_7549.N1						IS6	H/H	110	51549	242	5.04
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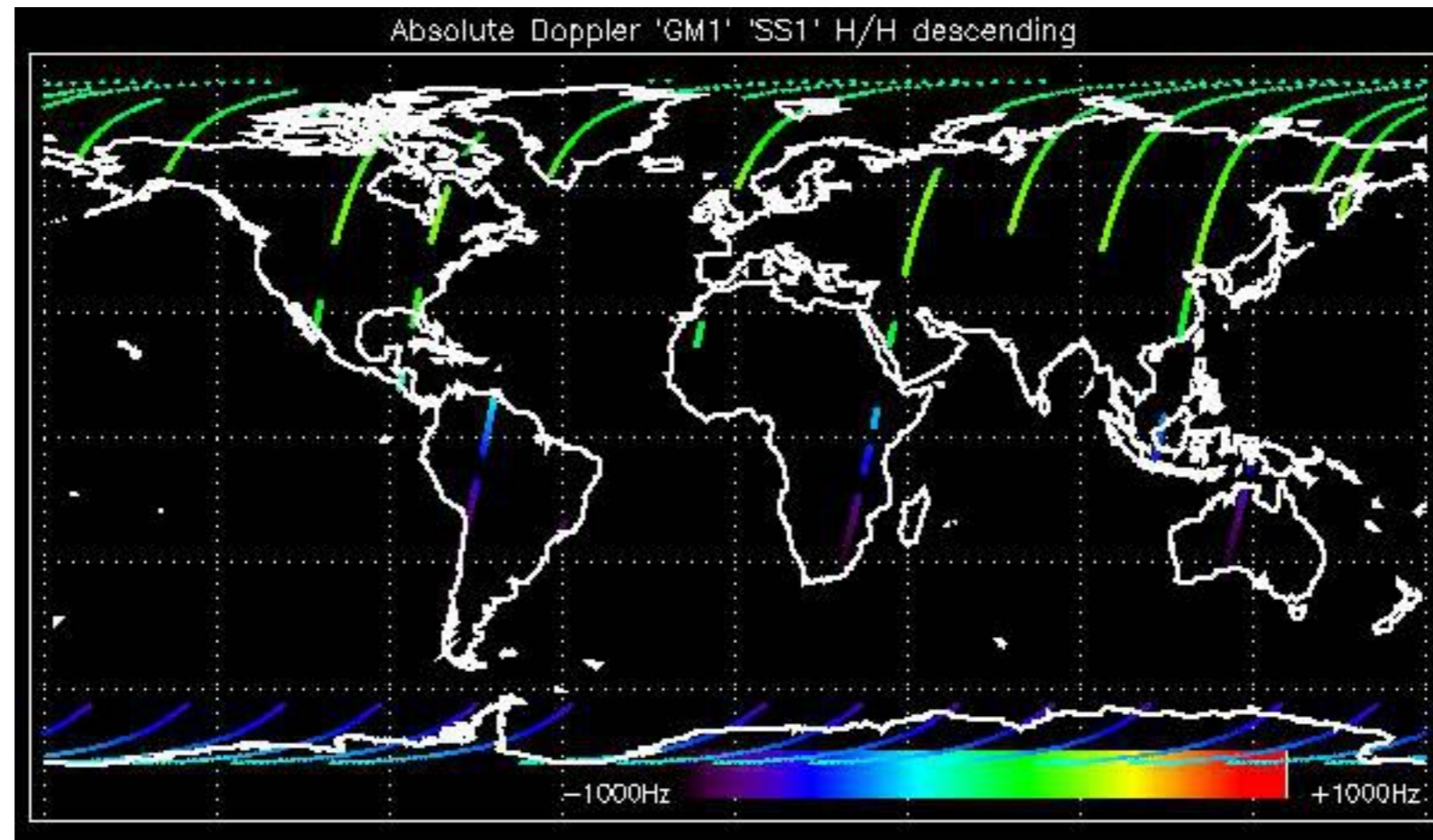
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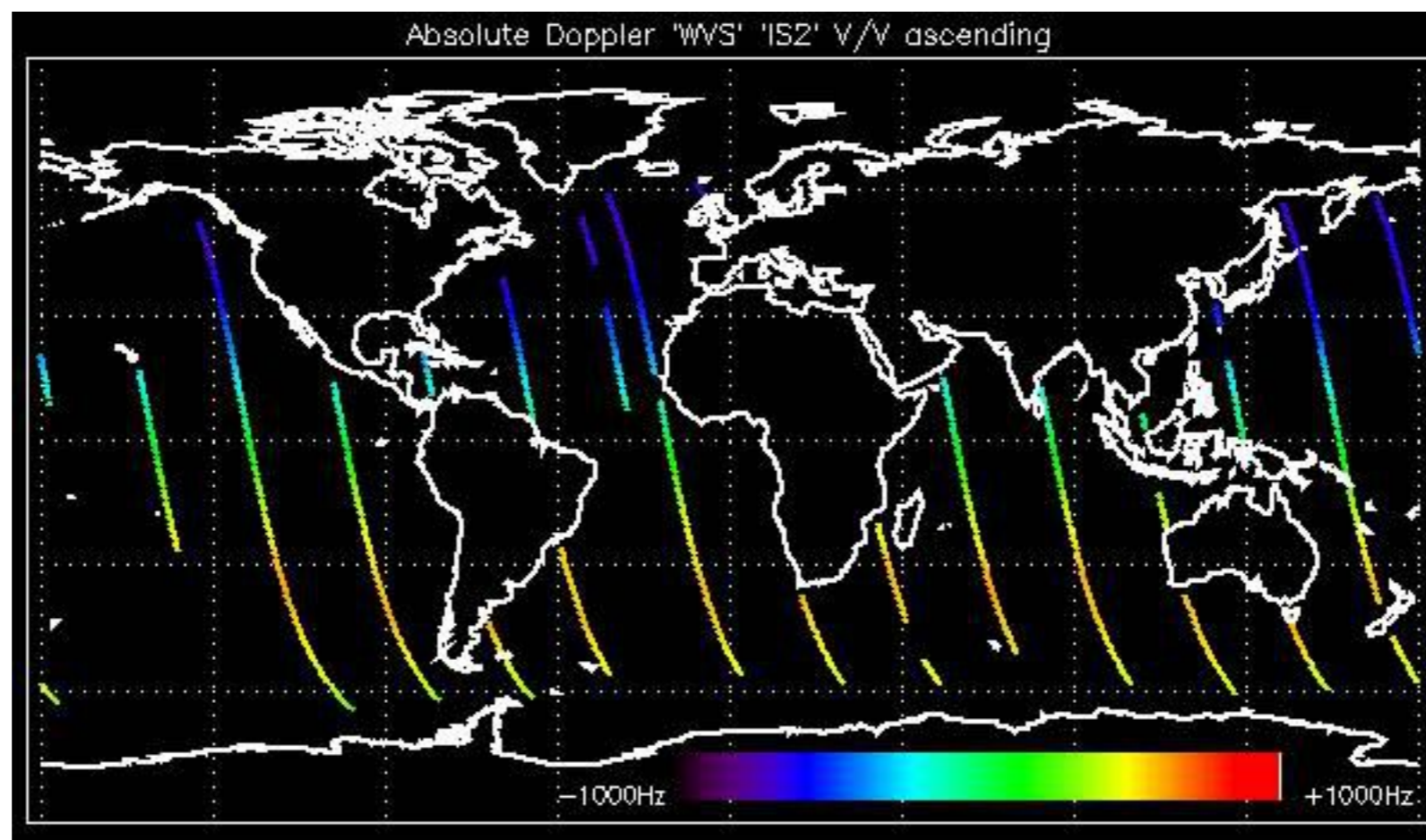


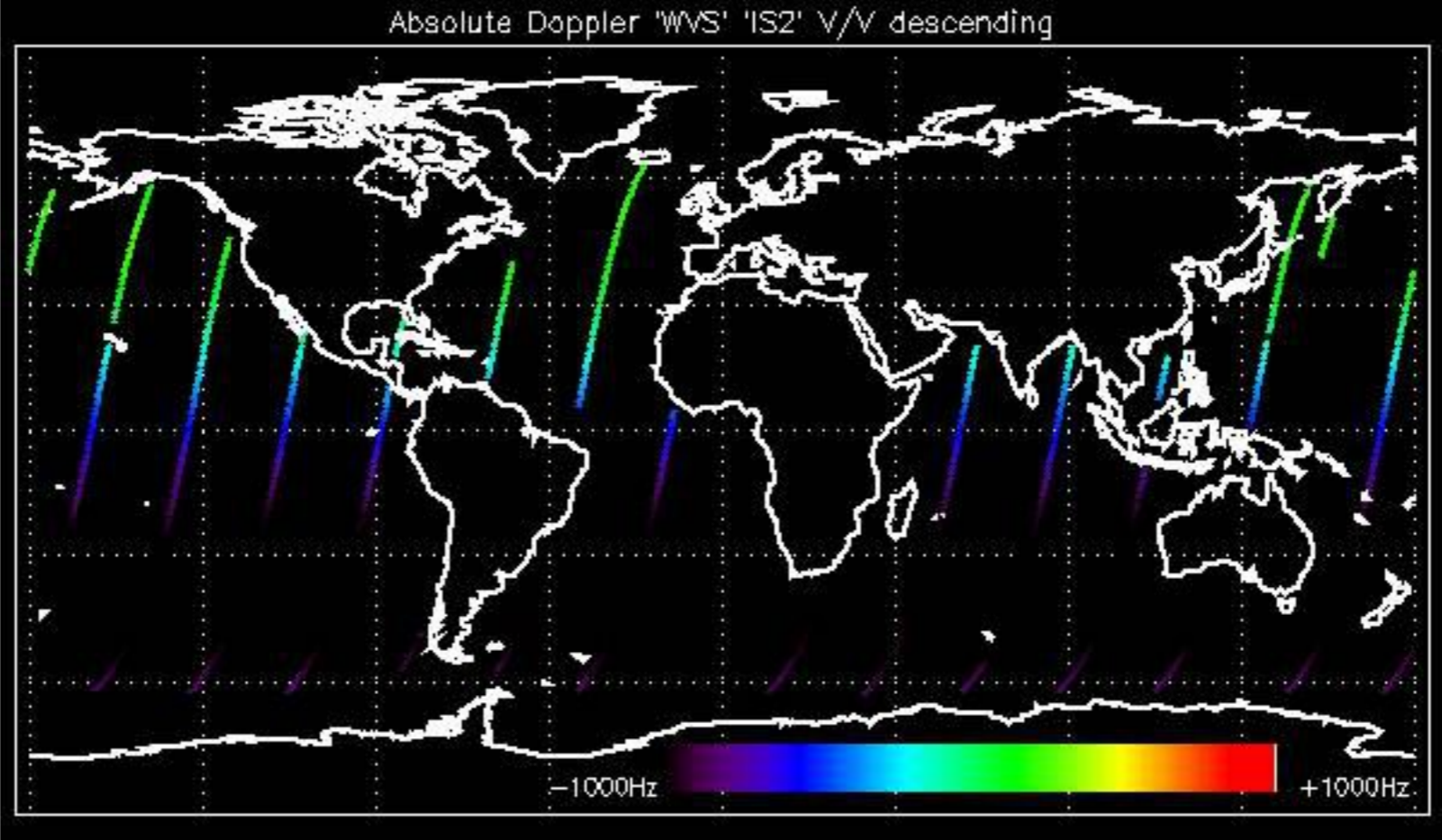
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ASA_WSM_1PNPDK20120107_014934_000001353110_00233_51540_2842.N1						SS1	H/H	110	51540	233	5.04
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ASA_WSM_1PNPDK20120107_032934_000001843110_00234_51541_2852.N1						SS1	V/V	110	51541	234	5.04
ASA_WSM_1PNPDE20120107_035922_000000923110_00234_51541_7300.N1						SS1	H/H	110	51541	234	5.04
ASA_WSM_1PNPDE20120107_043610_000002753110_00234_51541_7357.N1						SS1	H/H	110	51541	234	5.04
ASA_WSM_1PNPDE20120107_050258_000002143110_00235_51542_7358.N1						SS1	H/H	110	51542	235	5.04
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ASA_WSM_1PNPDE20120107_061610_000002393110_00235_51542_7388.N1						SS1	H/H	110	51542	235	5.04
ASA_WSM_1PNPDE20120107_065411_000001533110_00236_51543_7392.N1						SS1	V/V	110	51543	236	5.04
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ASA_WSM_1PNPDK20120107_103257_000001533110_00238_51545_2986.N1						SS1	V/V	110	51545	238	5.04
ASA_WSM_1PNPDE20120107_104346_000002753110_00238_51545_7454.N1						SS1	H/H	110	51545	238	5.04
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ASA_WSM_1PNPDE20120107_120130_000001533110_00239_51546_7478.N1						SS1	H/H	110	51546	239	5.04
ASA_WSM_1PNPDK20120107_120653_000002513110_00239_51546_3031.N1						SS1	H/H	110	51546	239	5.04
ASA_WSM_1PNPDE20120107_122858_000001533110_00239_51546_7481.N1						SS1	V/V	110	51546	239	5.04
ASA_WSM_1PNPDE20120107_123135_000002393110_00239_51546_7482.N1						SS1	H/H	110	51546	239	5.04
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ASA_WSM_1PNPDK20120107_132605_000000923110_00240_51547_3061.N1						SS1	V/V	110	51547	240	5.04
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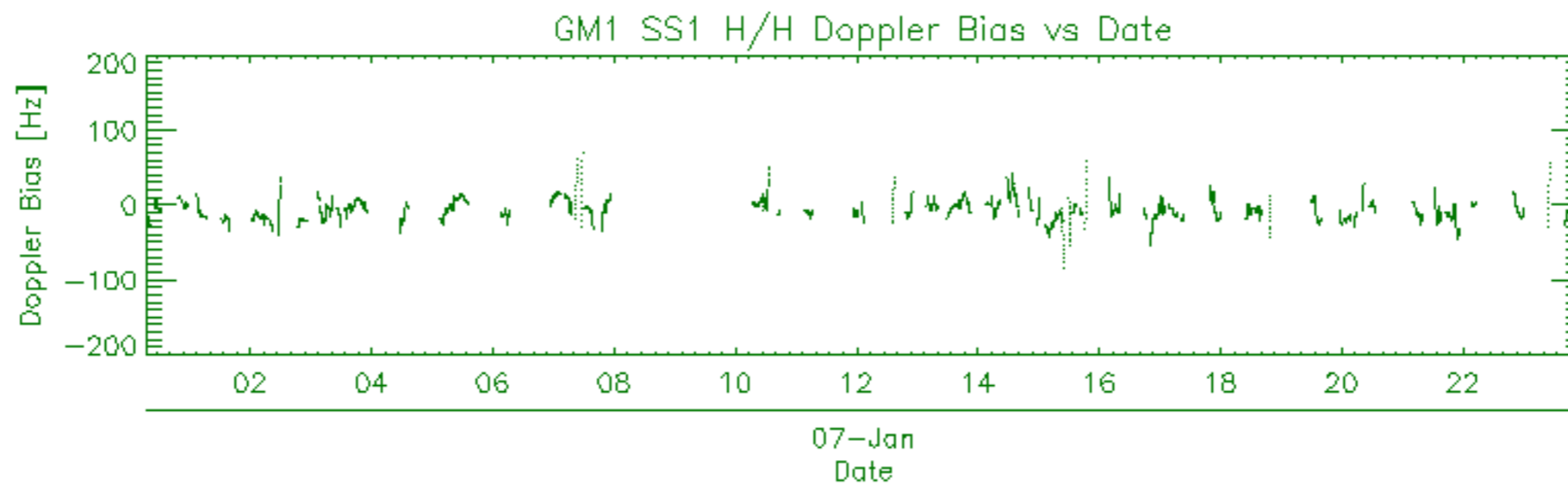
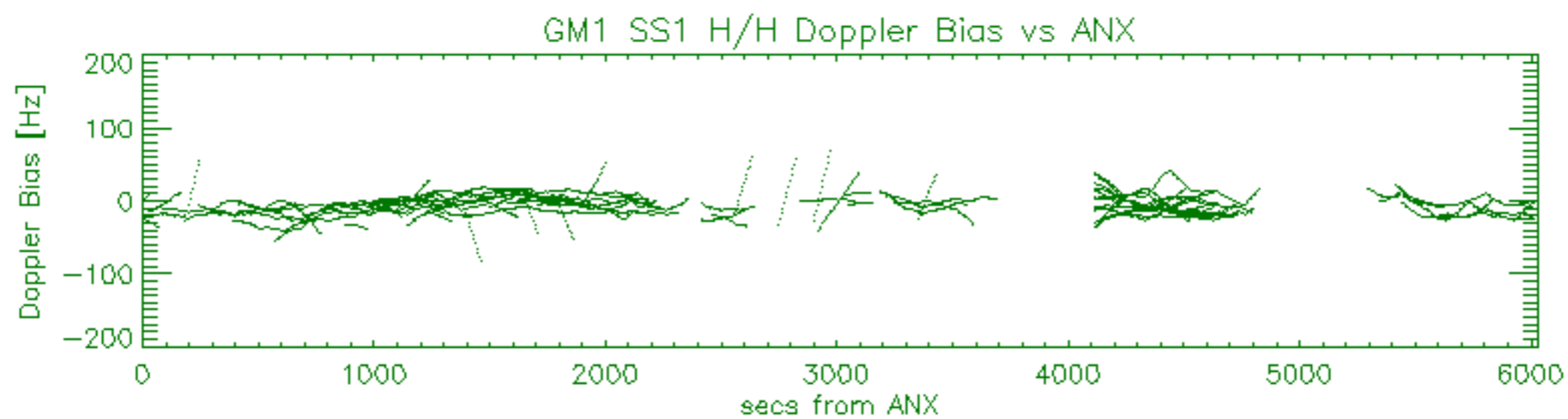
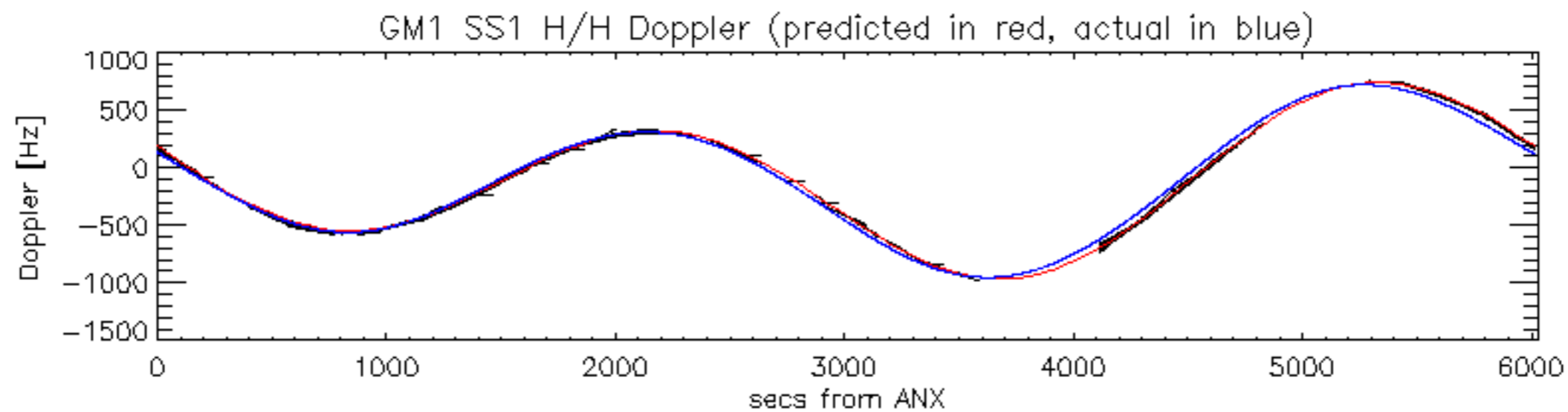
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ASA_WVS_1PNPDE20120107_005745_000004953110_00232_51539_7278.N1						IS2	V/V	110	51539	232	5.04
ASA_WVS_1PNPDE20120107_012216_000002853110_00232_51539_7279.N1						IS2	V/V	110	51539	232	5.04
ASA_WVS_1PNPDE20120107_012616_000002703110_00232_51539_7304.N1						IS2	V/V	110	51539	232	5.04
ASA_WVS_1PNPDE20120107_013939_000005543110_00233_51540_7307.N1						IS2	V/V	110	51540	233	5.04
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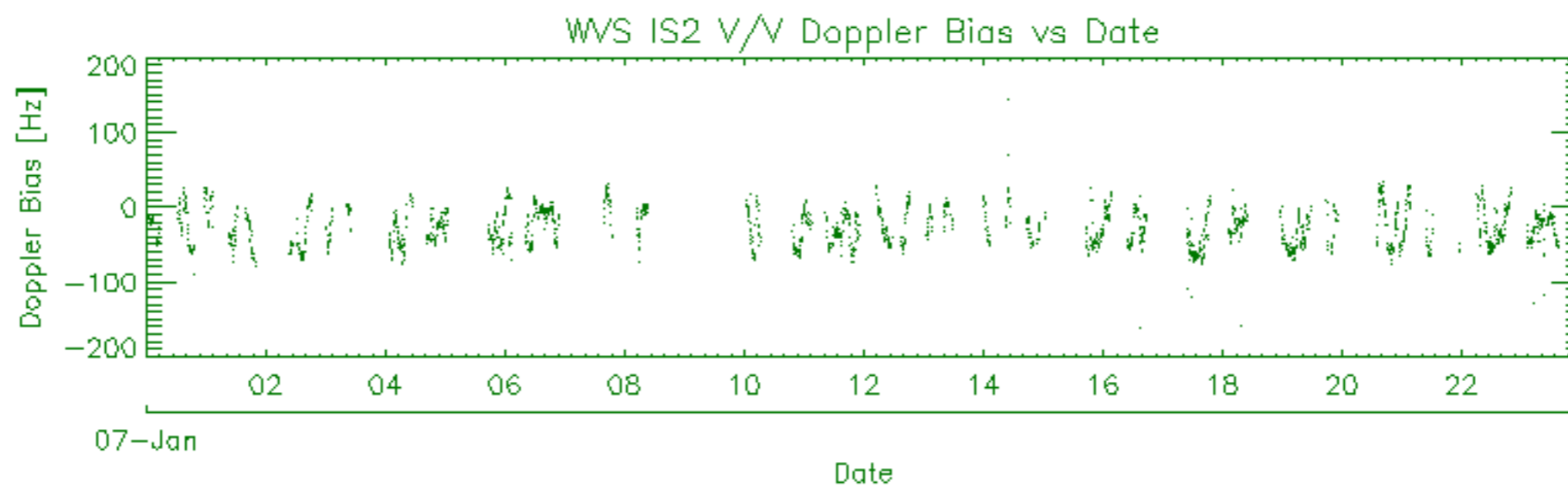
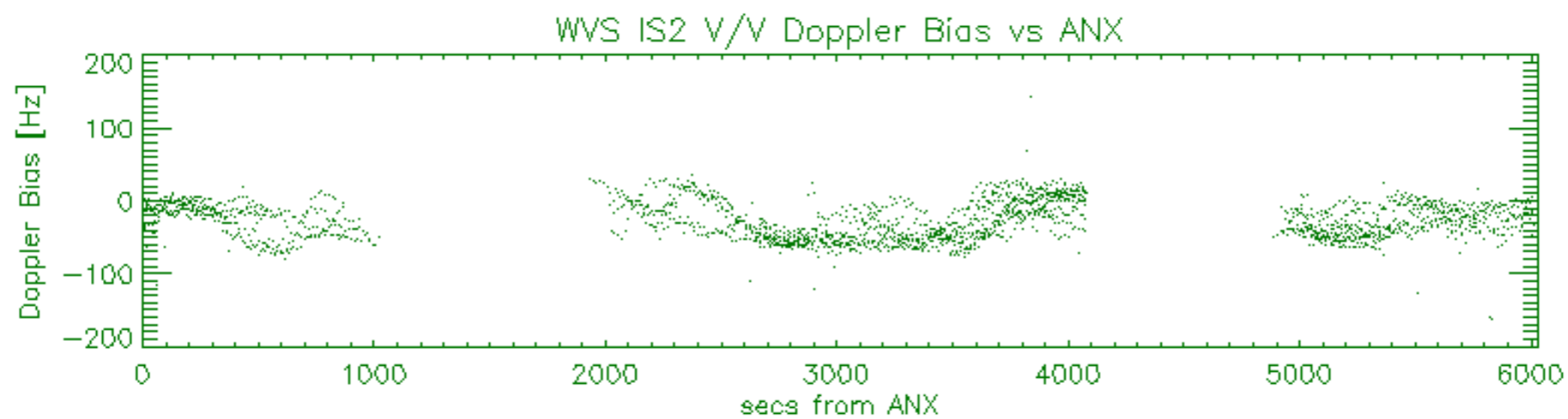
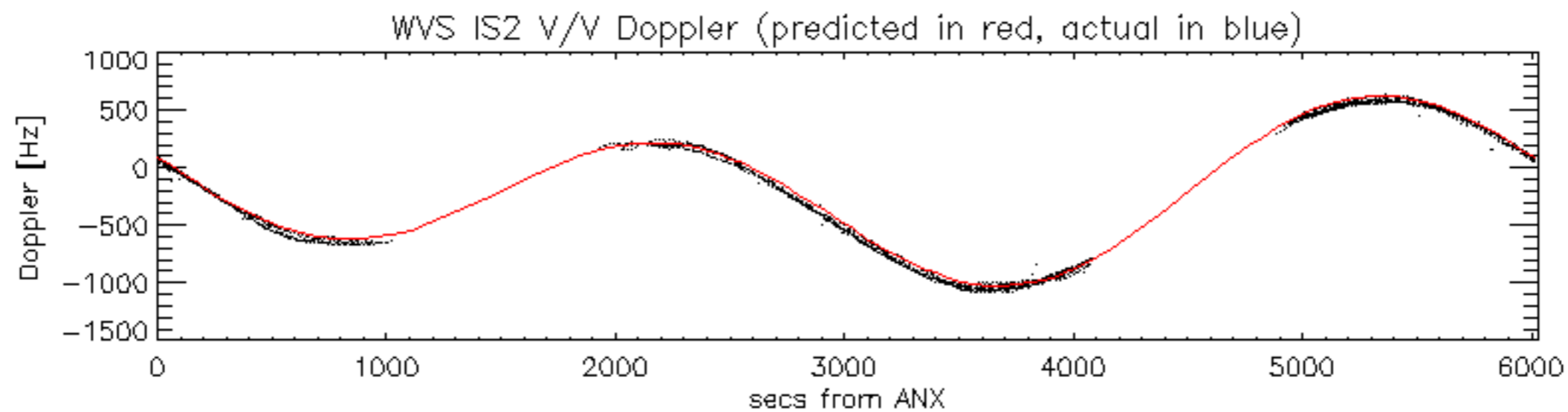




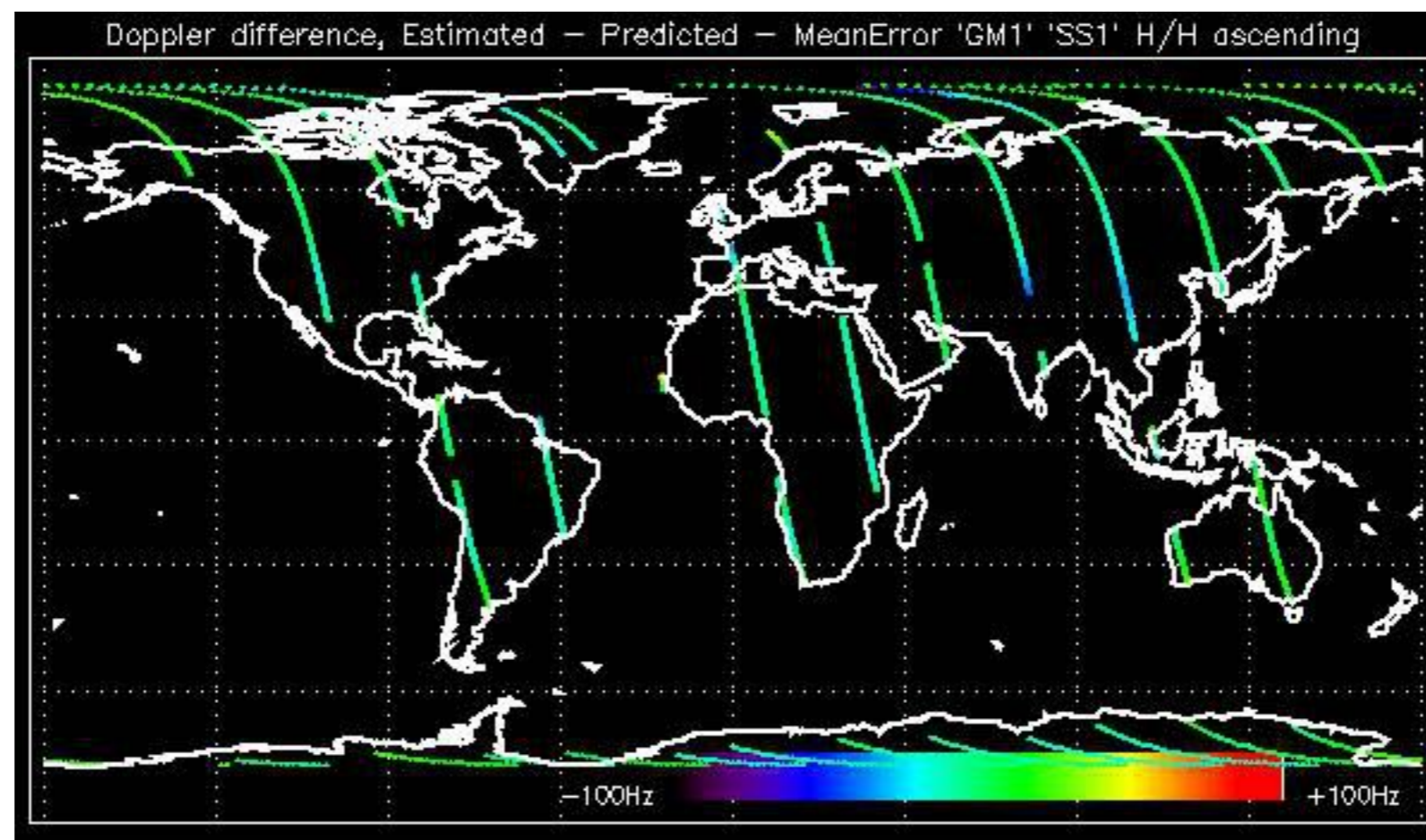


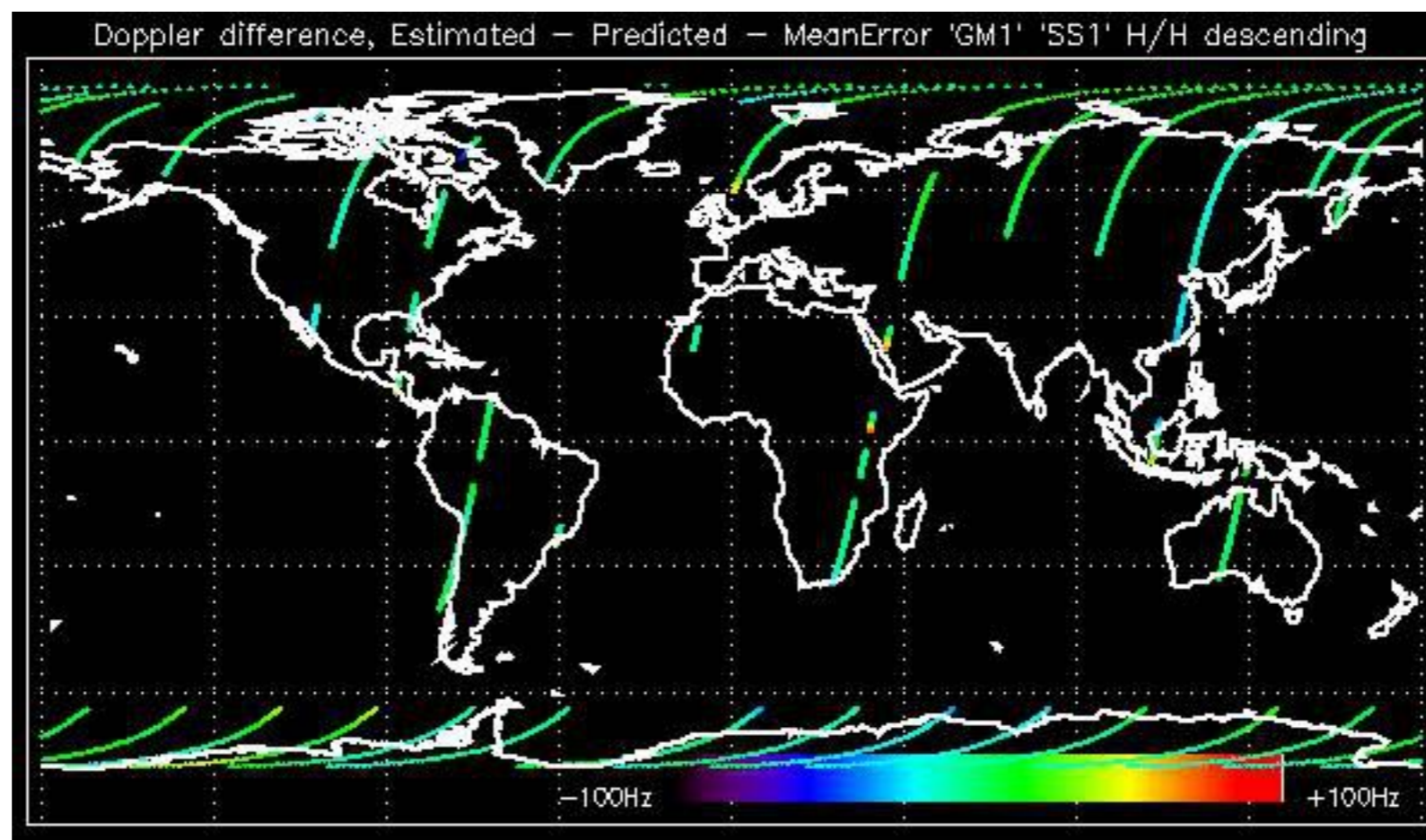


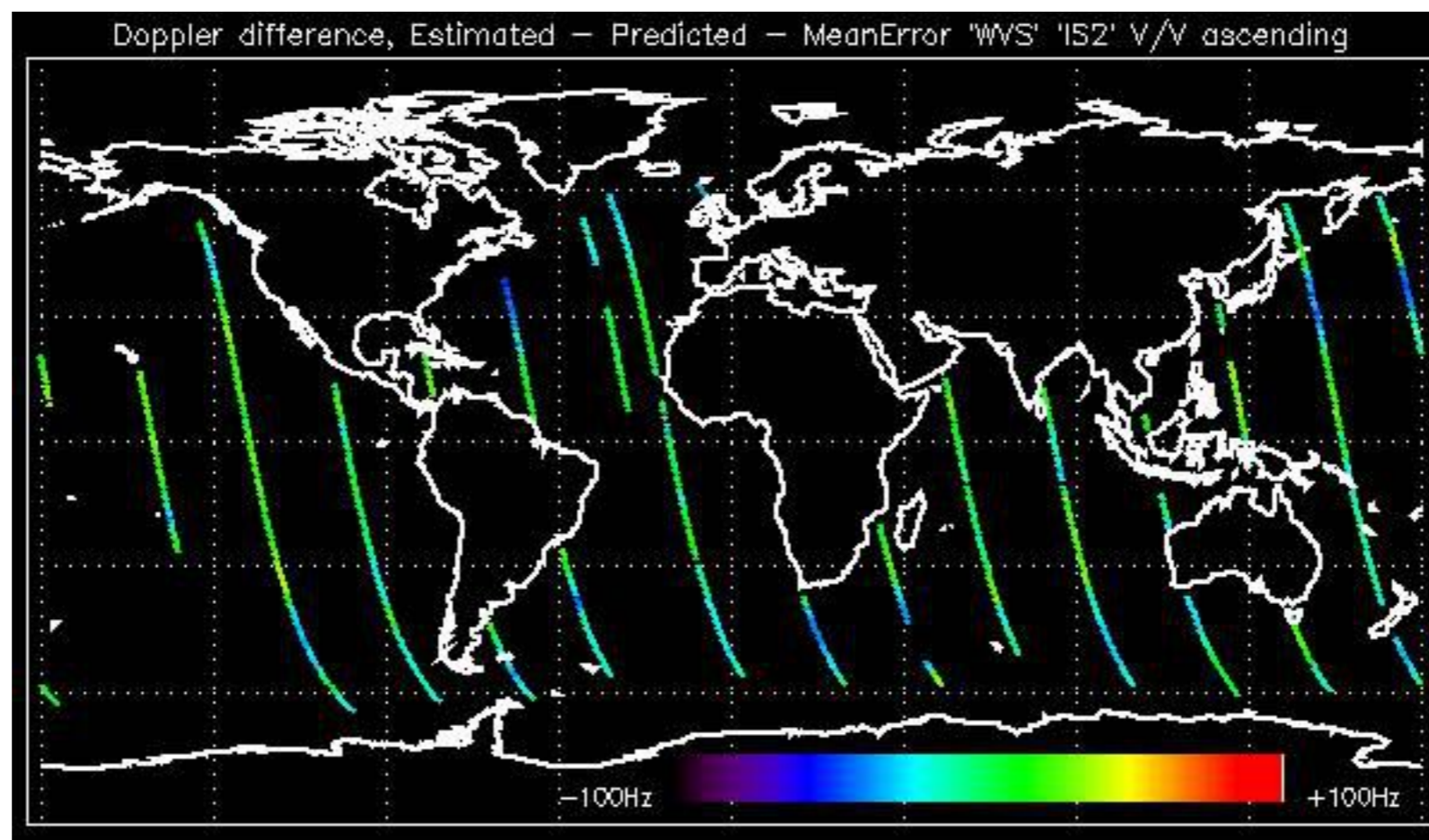


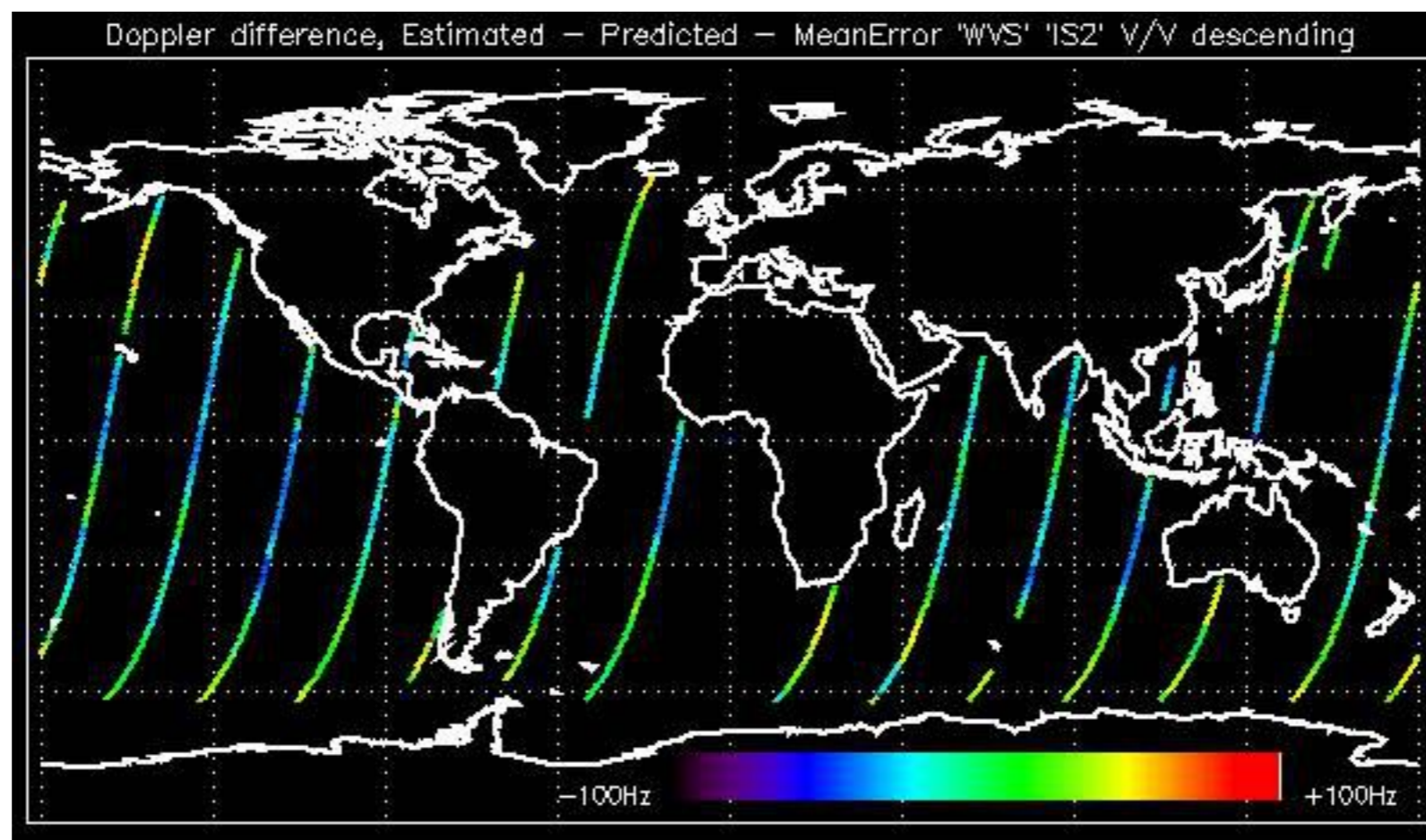


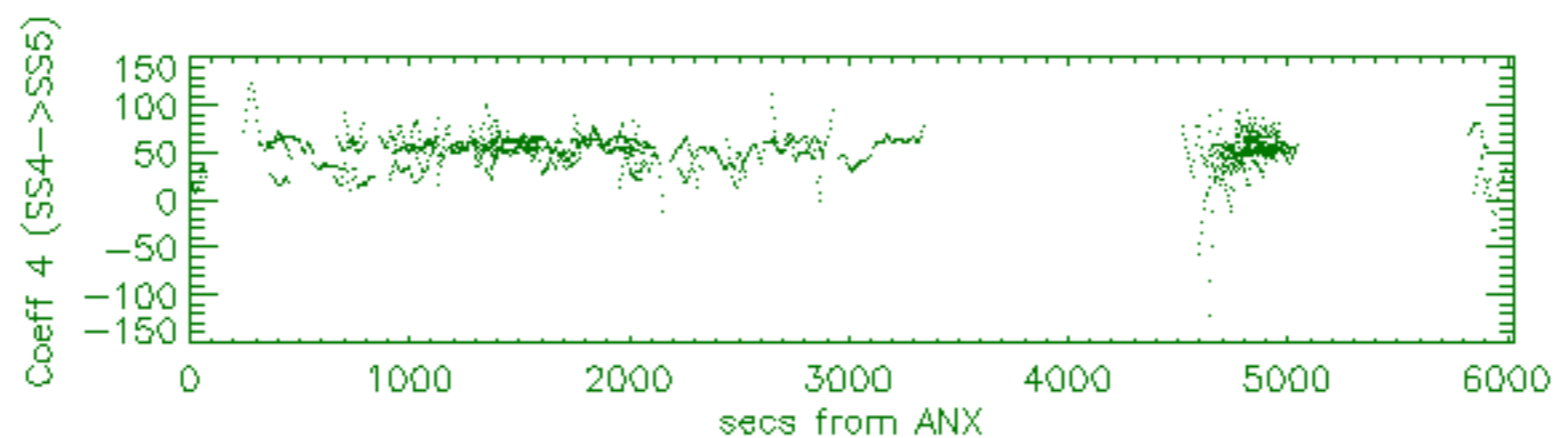
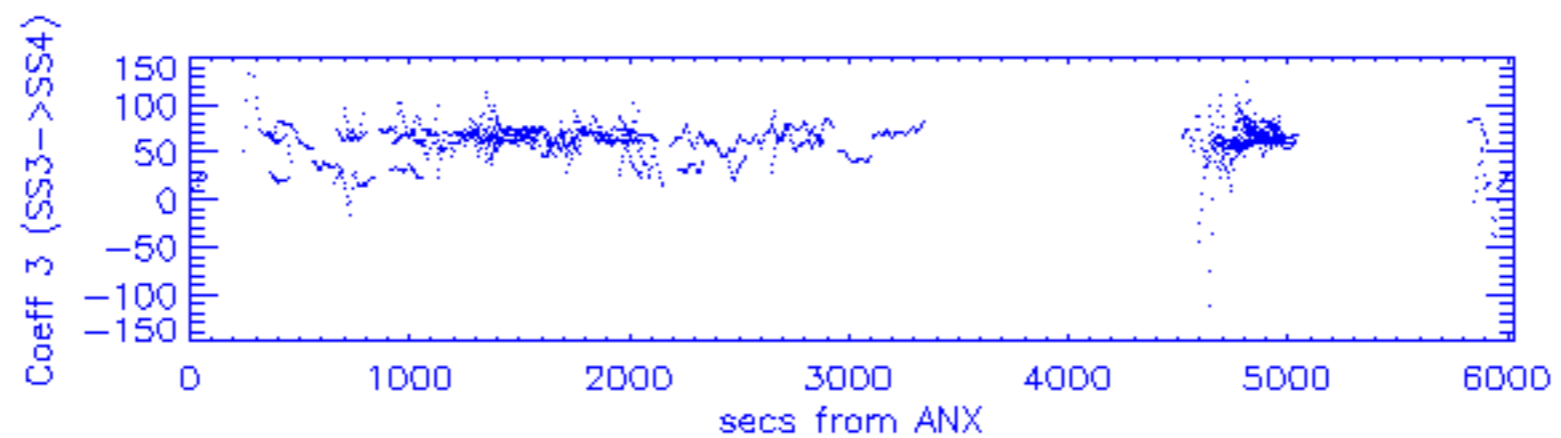
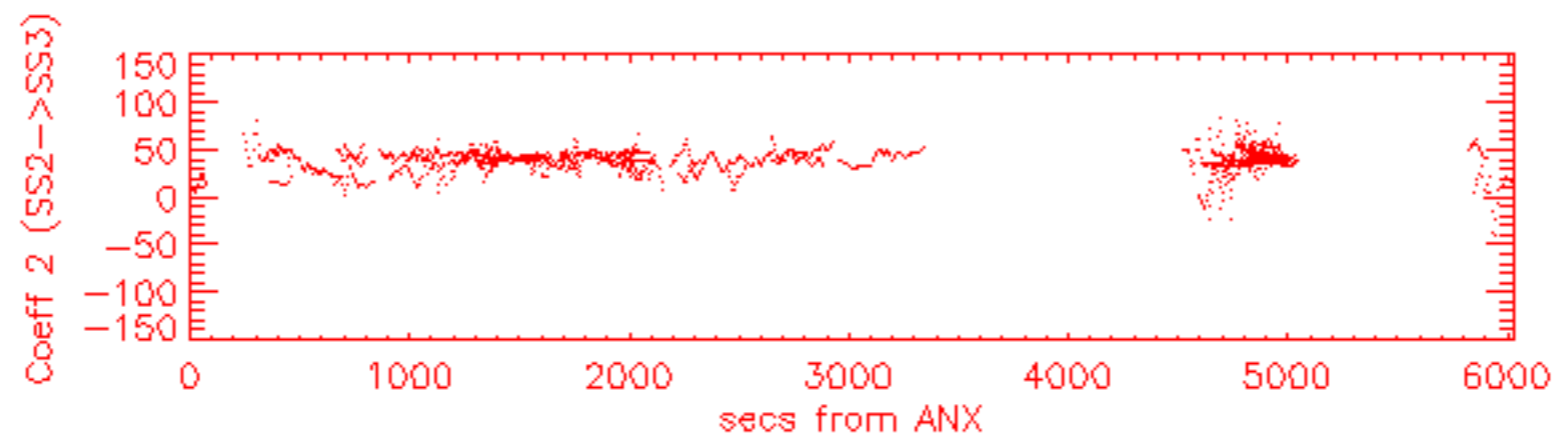
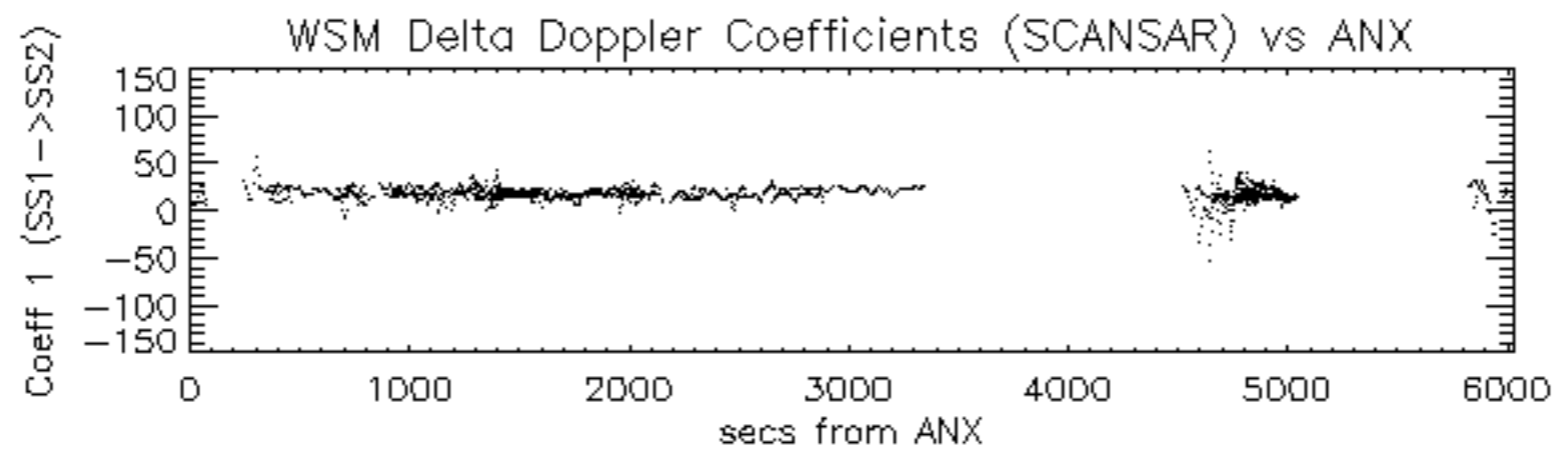


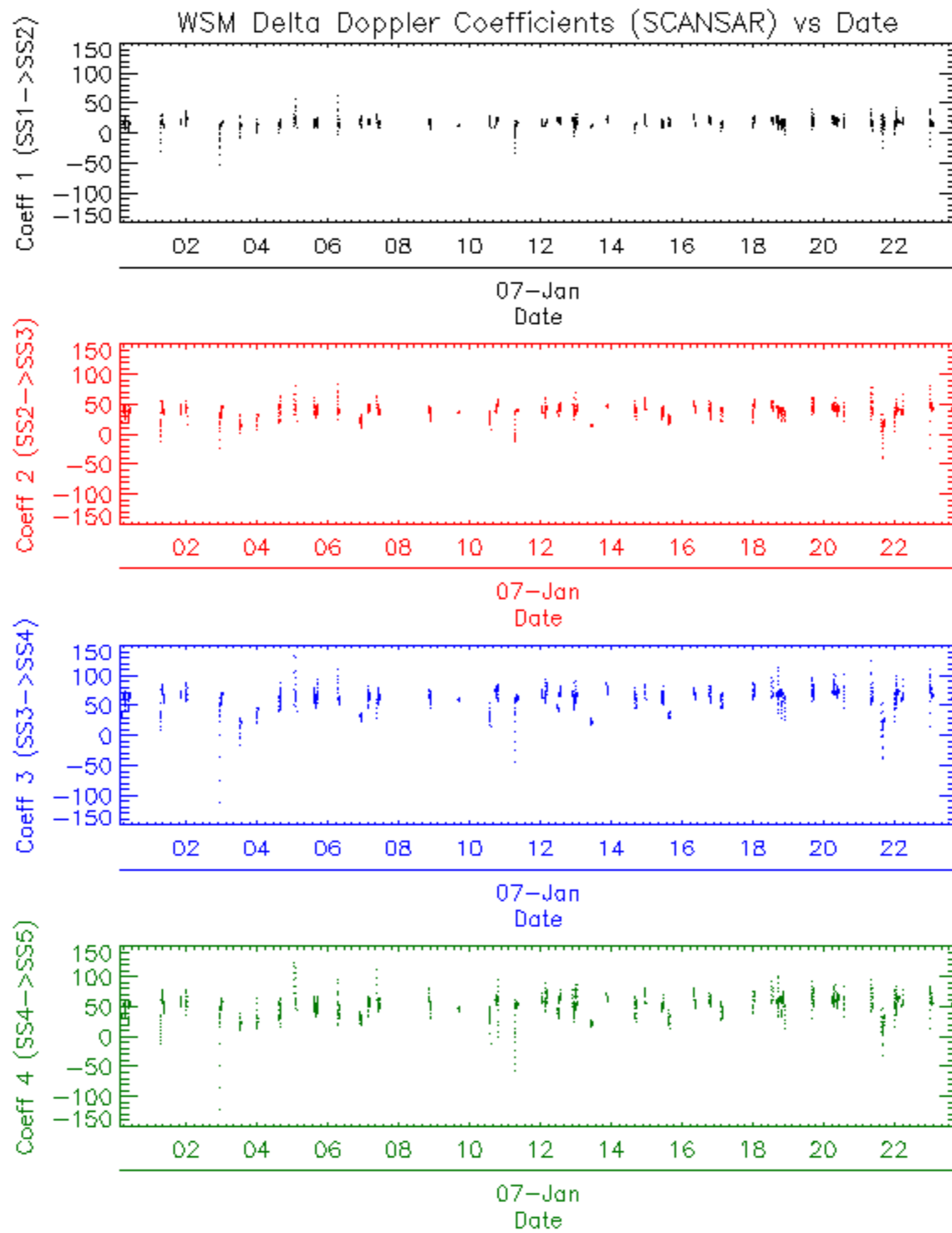




















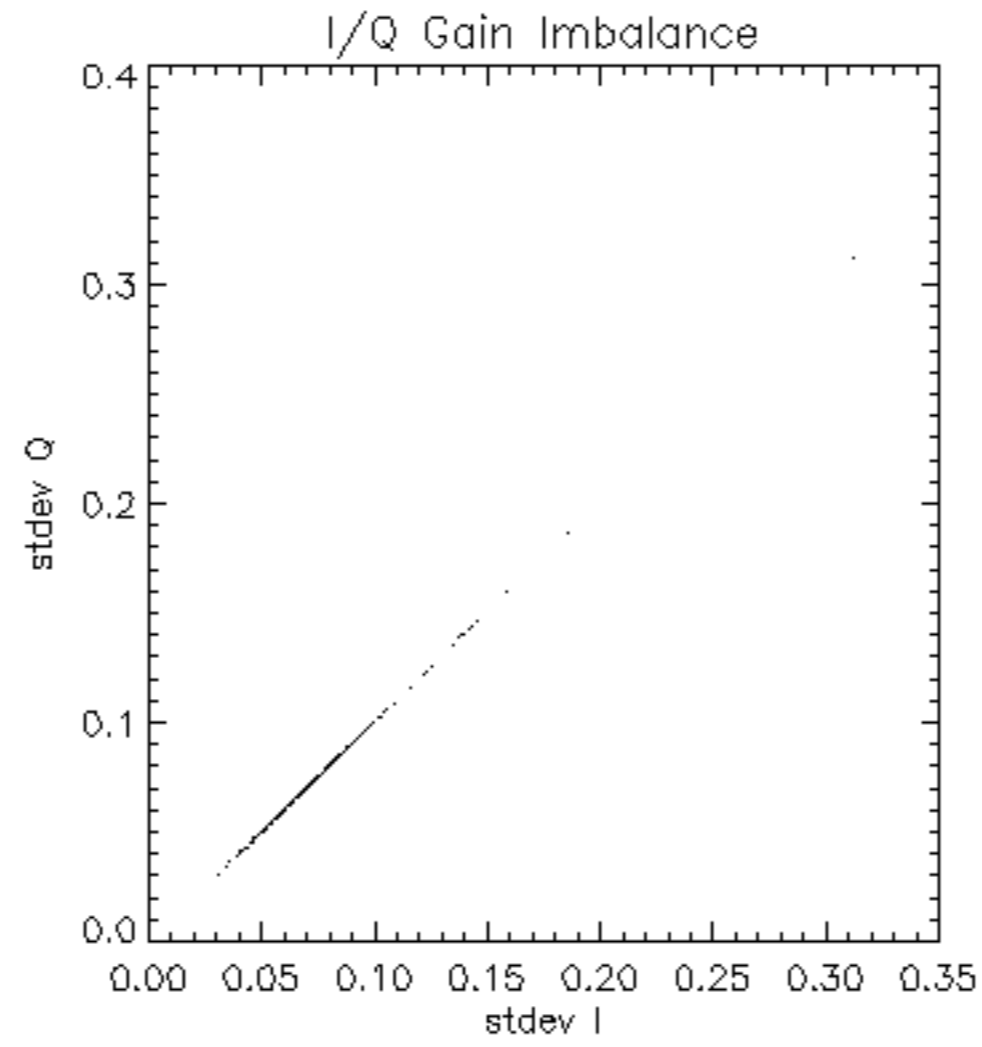


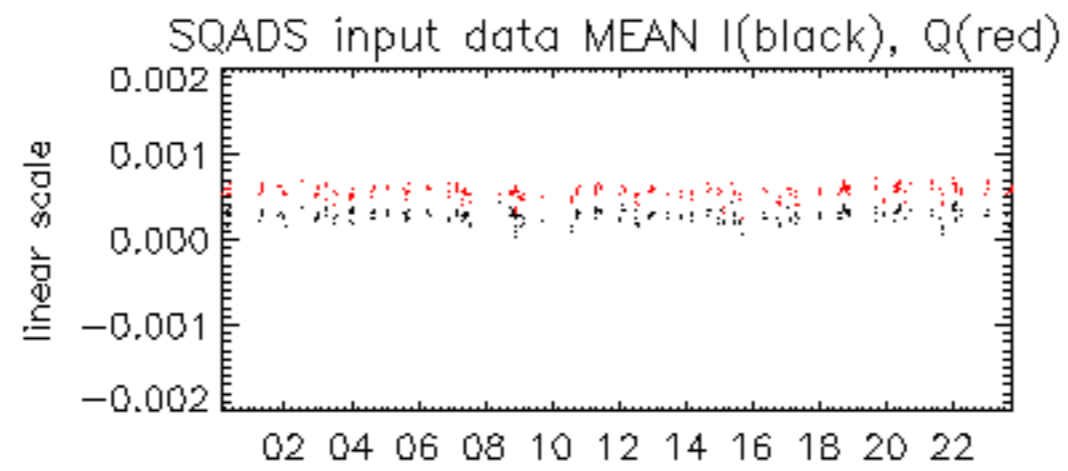




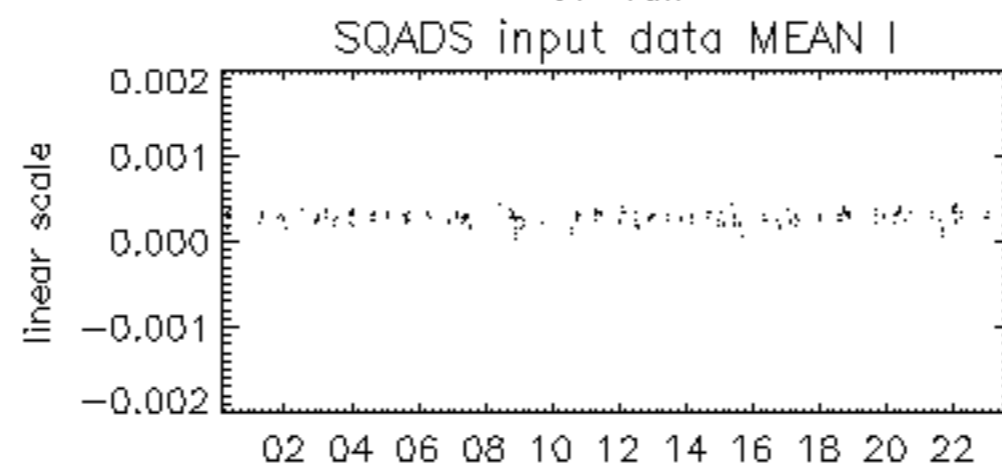




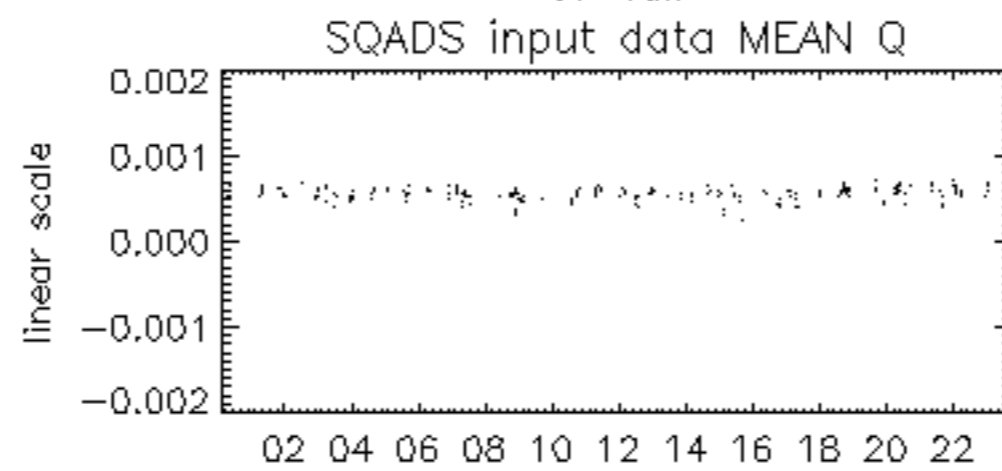




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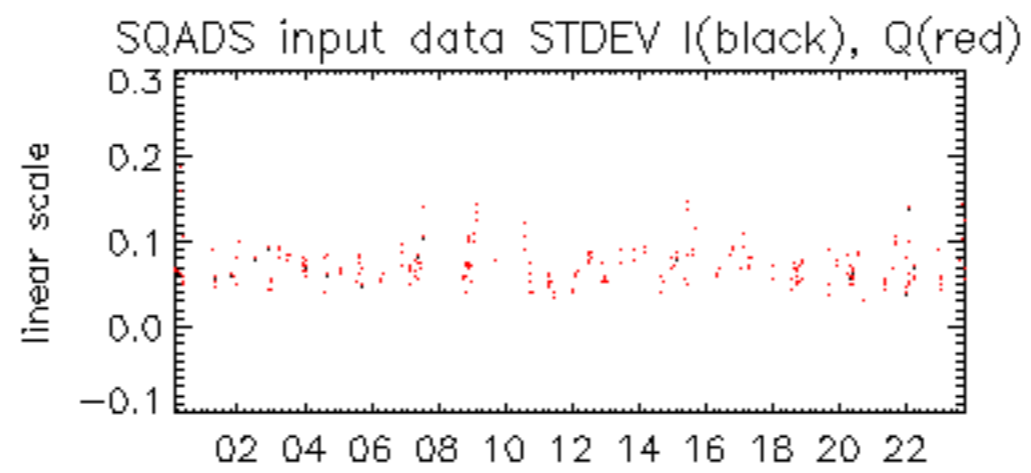


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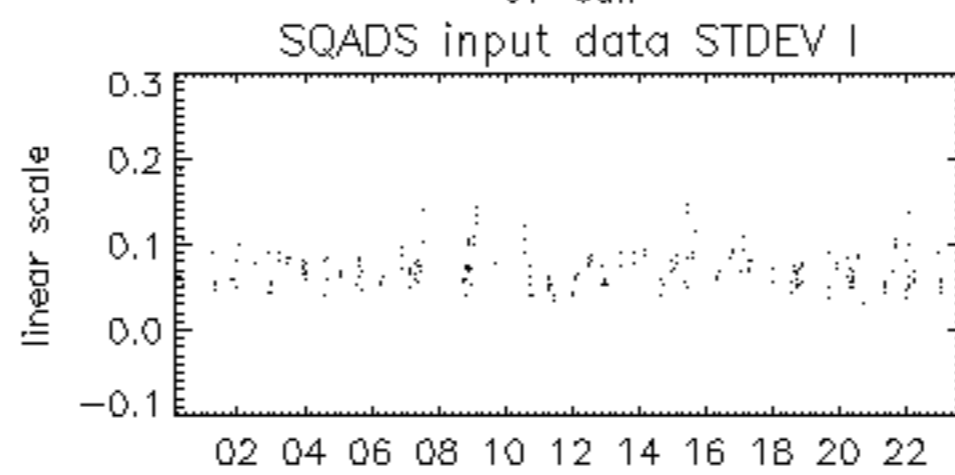


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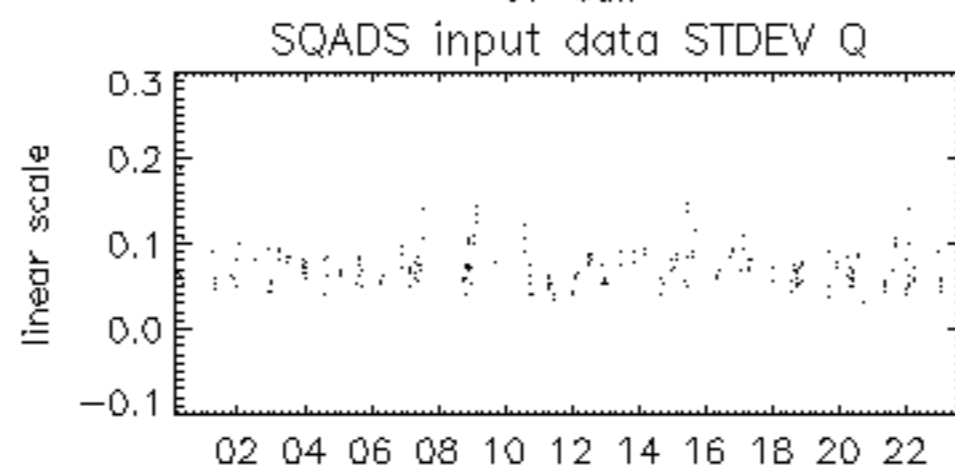




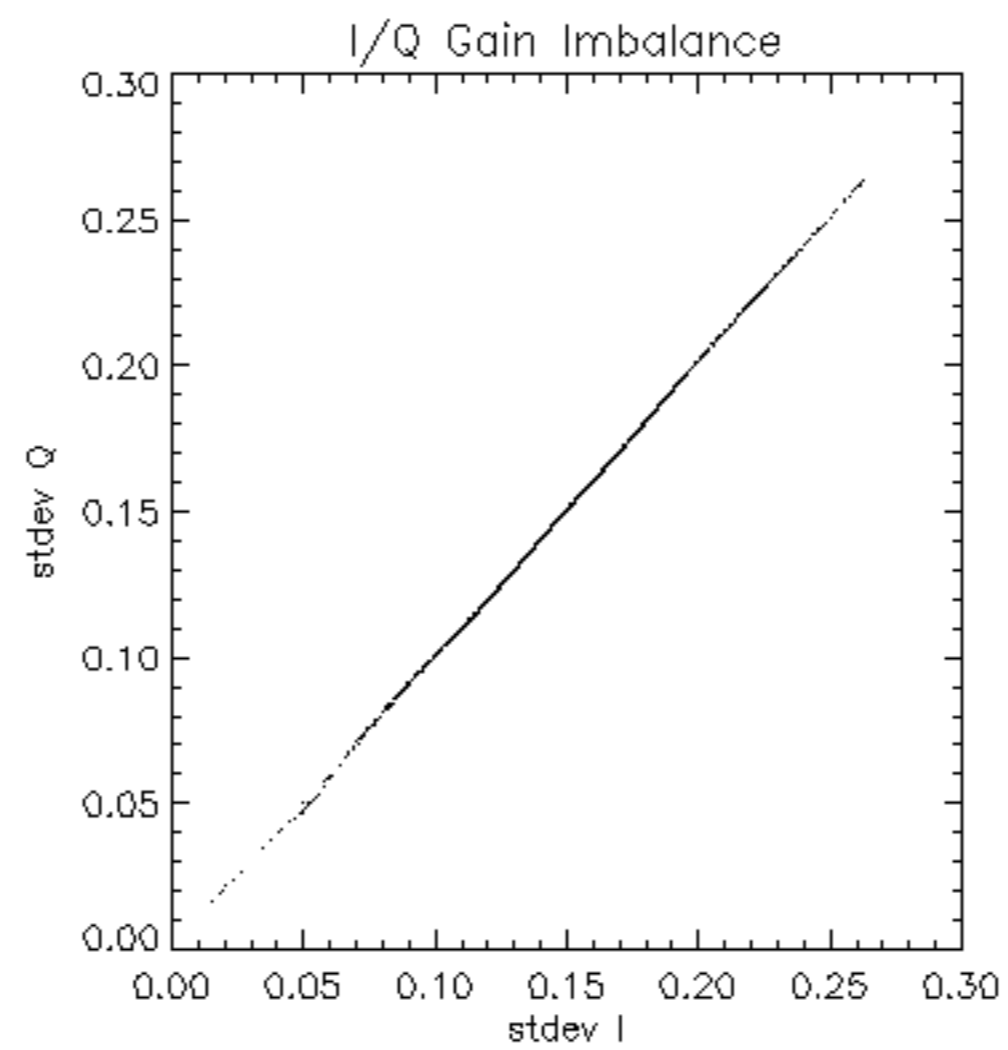
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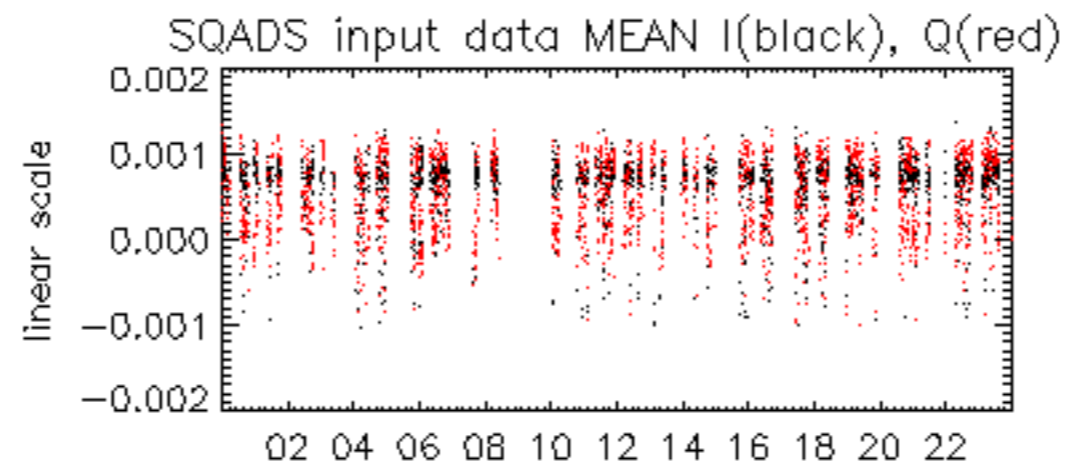


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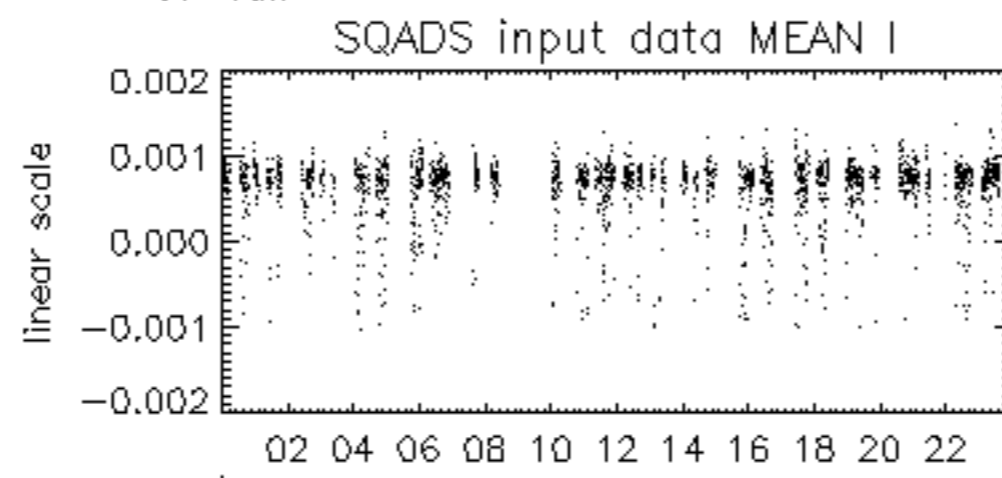


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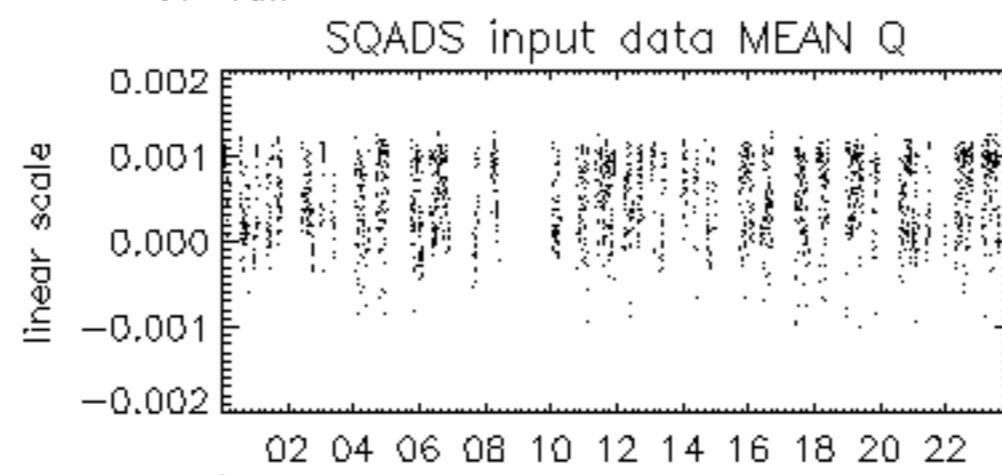




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