



Analysis from 15-JAN-2011 00:00:00 to 15-JAN-2011 23:59:59. Page generated on 25-JAN-2011 10:55:58.  
View log file: ASAR\_Daily\_Report\_20110125\_1054.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	4	PDE	WS	H/H	31	PDE	IS4	V/H	1	PDE	IS2	V/V	1	PDE	WS	H/H	26	PDK	2011-01-15 10:51:50	H	320
PDE	IS2	V/V	25	PDK	WS	H/H	44	PDE	IS6	H/H	1	PDE	IS6	H/H	3	PDE	WS	V/V	7	PDK	2011-01-15 12:32:04	V	320
PDK	IS2	V/V	22									PDK	IS6	H/H	1	PDK	WS	H/H	11				
																PDK	WS	V/V	3				

## 1.2 - Lists of products used

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20101222_141422_20100317_120410_20141231_000000
ASA_INS_AXVIEC20101222_143805_20101022_000000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20101111_113830_20100601_000000_20141231_000000

### 2.2 - Products with wrong ADFs

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

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

## 3 - MODULE STEPPING PRODUCTS ANALYSIS

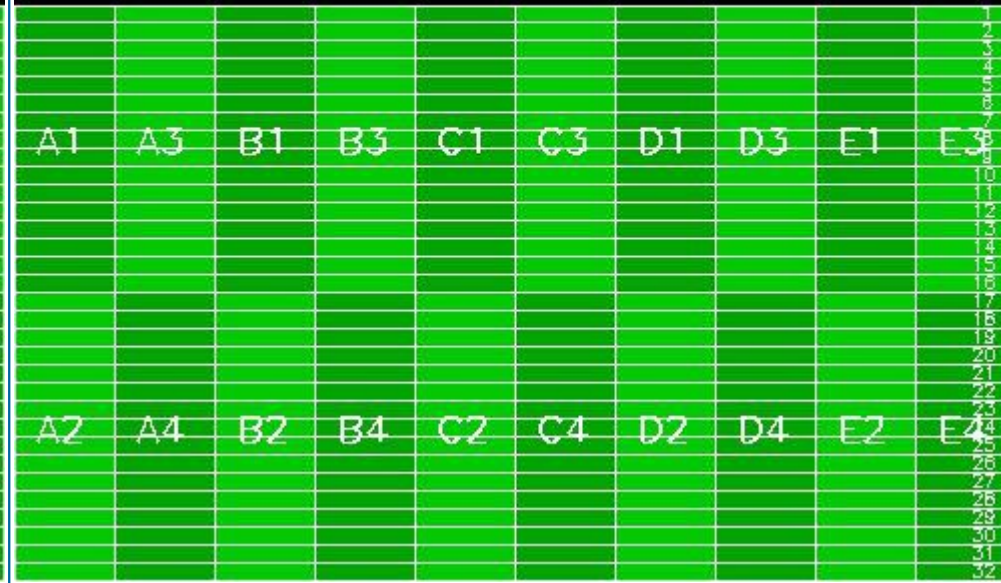
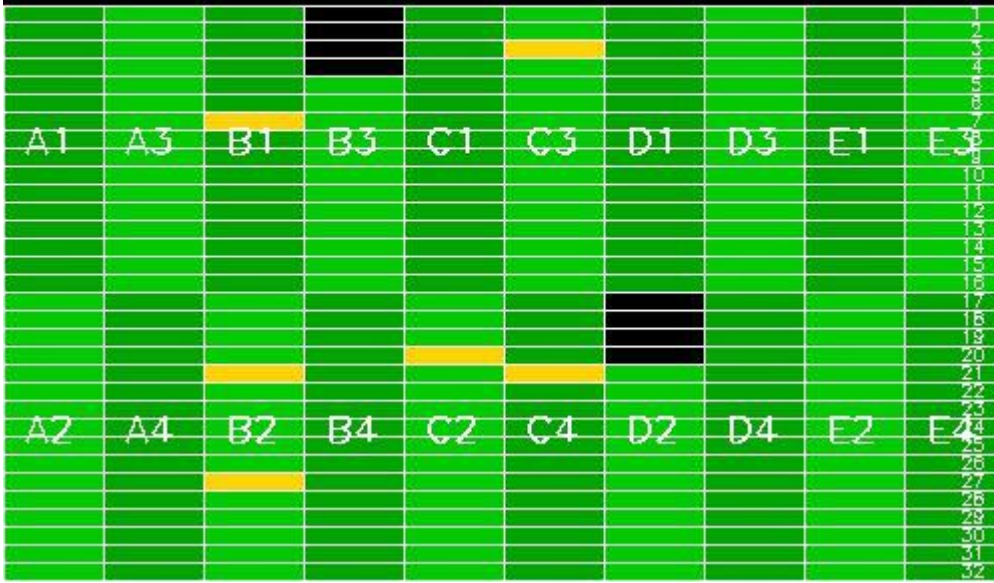
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
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Pre-launch reference (2001-02-09)

Previous product in the same polarisation

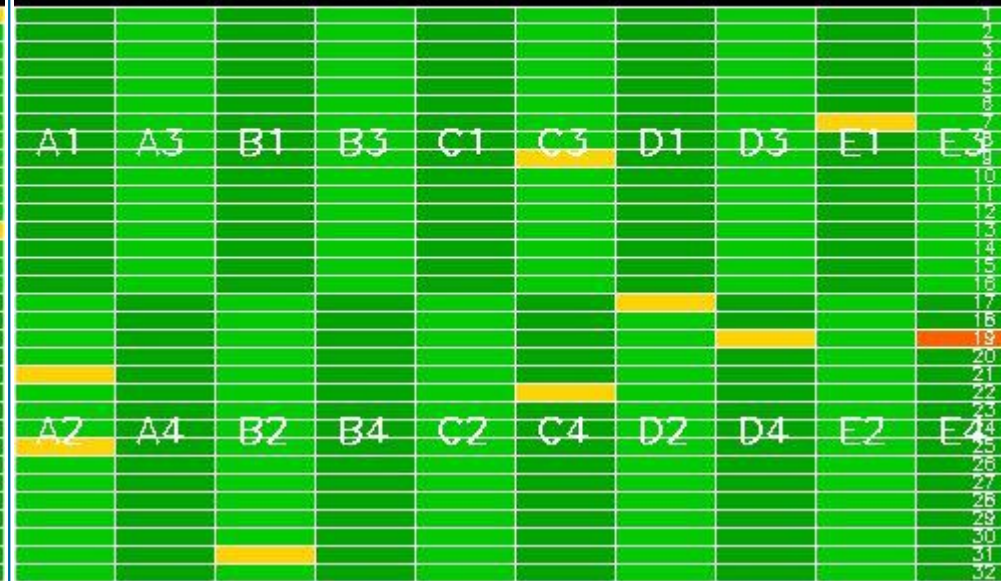
Reference: 2001-02-09 14:08:23 V RxGain  
 Test : 2011-01-15 12:32:04 V

Reference: 2011-01-14 13:08:48 V RxGain  
 Test : 2011-01-15 12:32:04 V

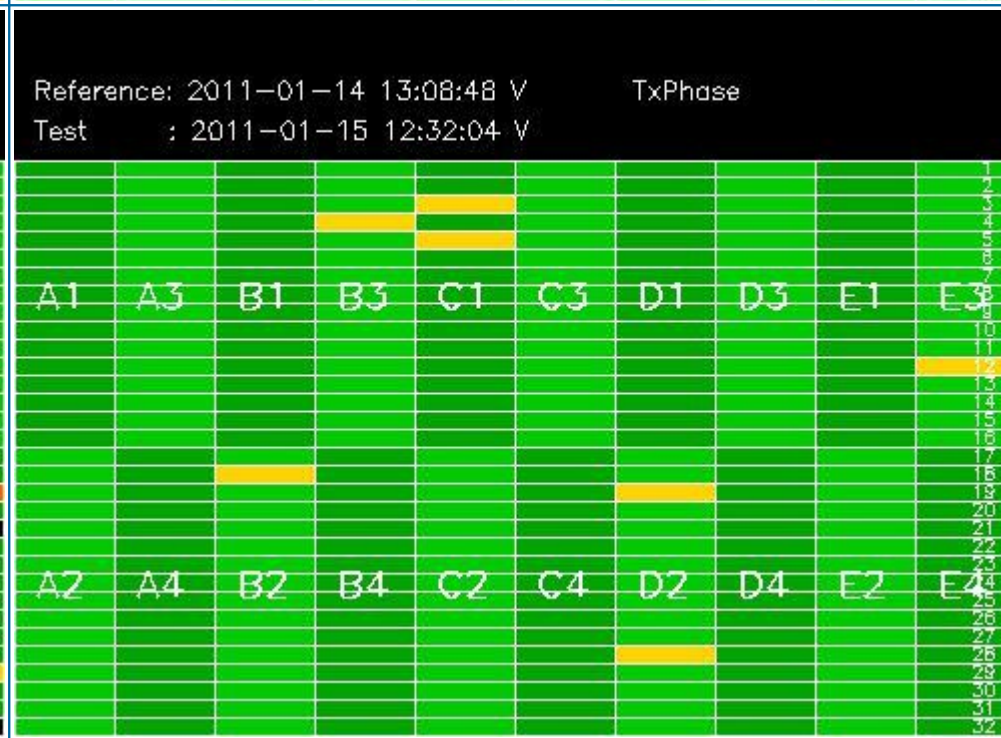
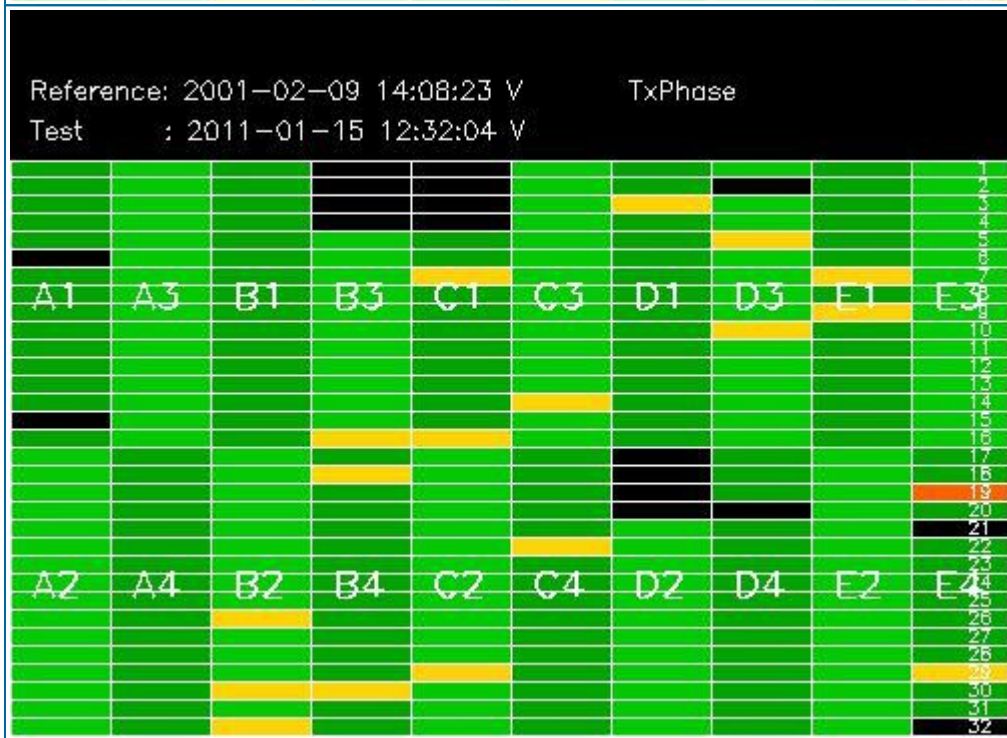
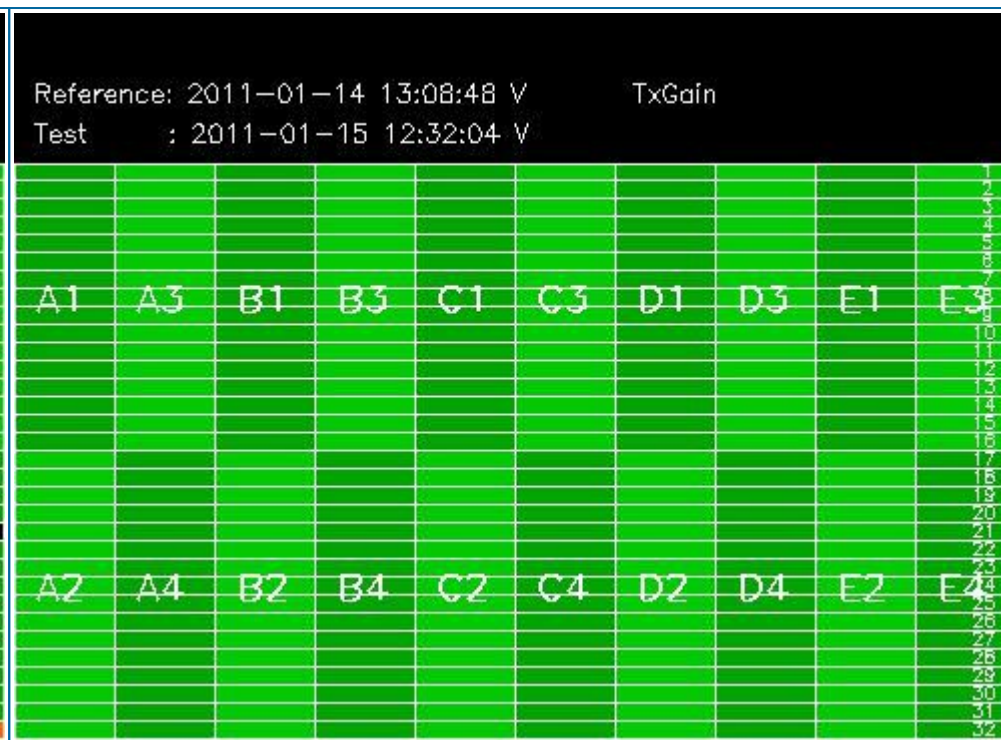
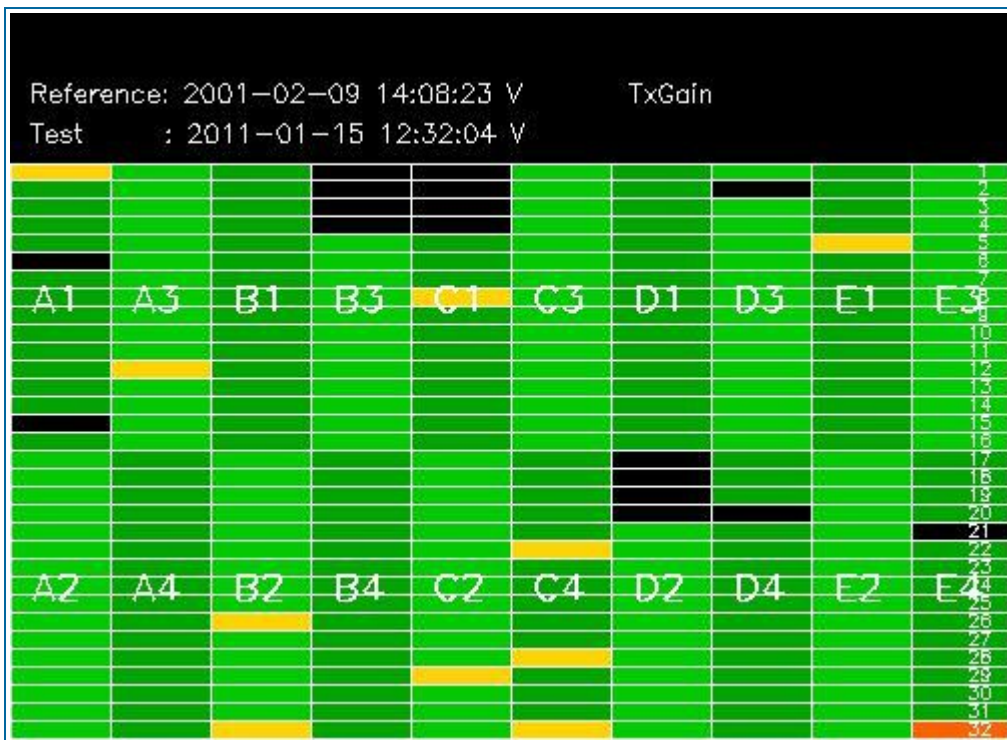


Reference: 2001-02-09 14:08:23 V RxPhase  
 Test : 2011-01-15 12:32:04 V

Reference: 2011-01-14 13:08:48 V RxPhase  
 Test : 2011-01-15 12:32:04 V





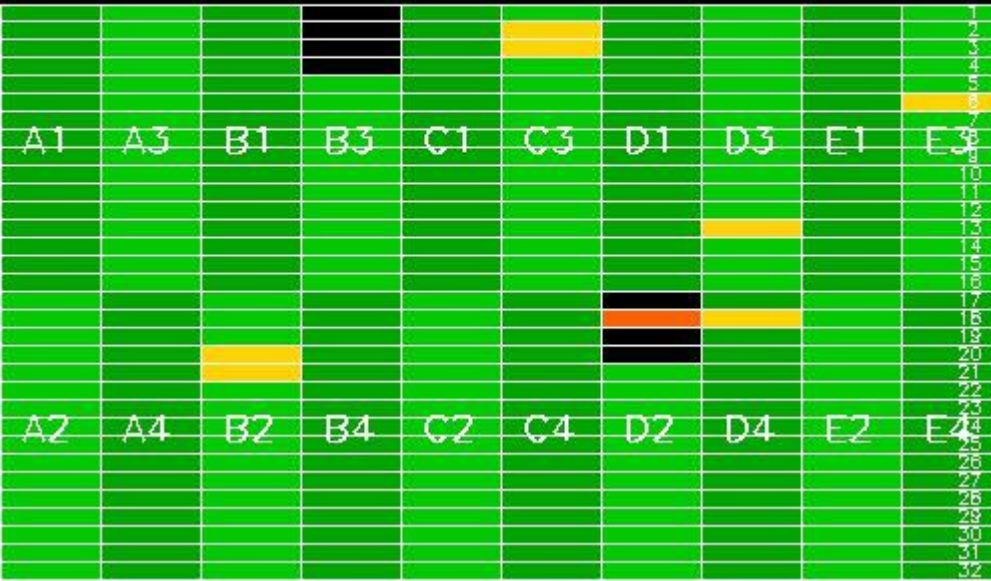


### 3.2 - H/H polarisation

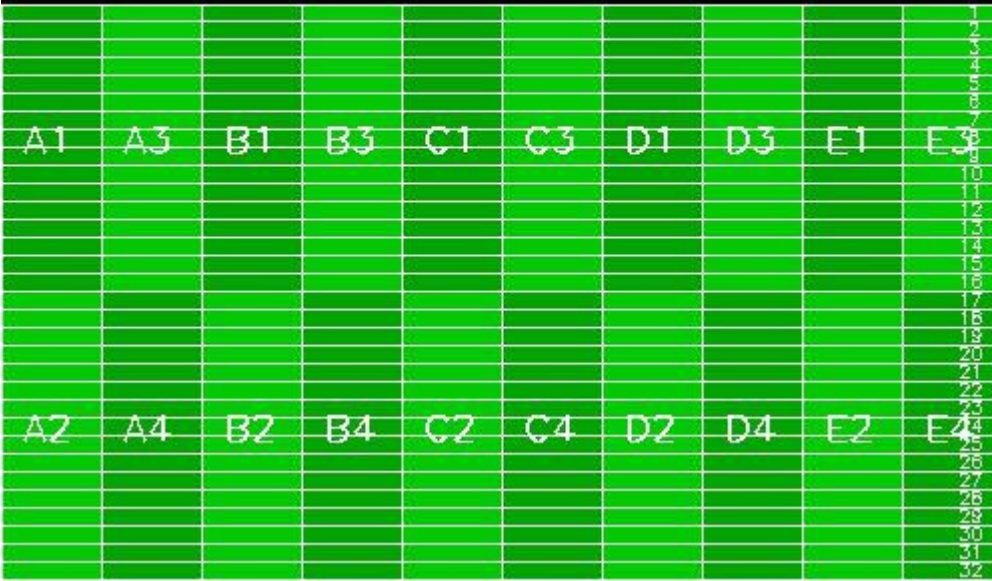
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2011-01-15 10:51:50 H



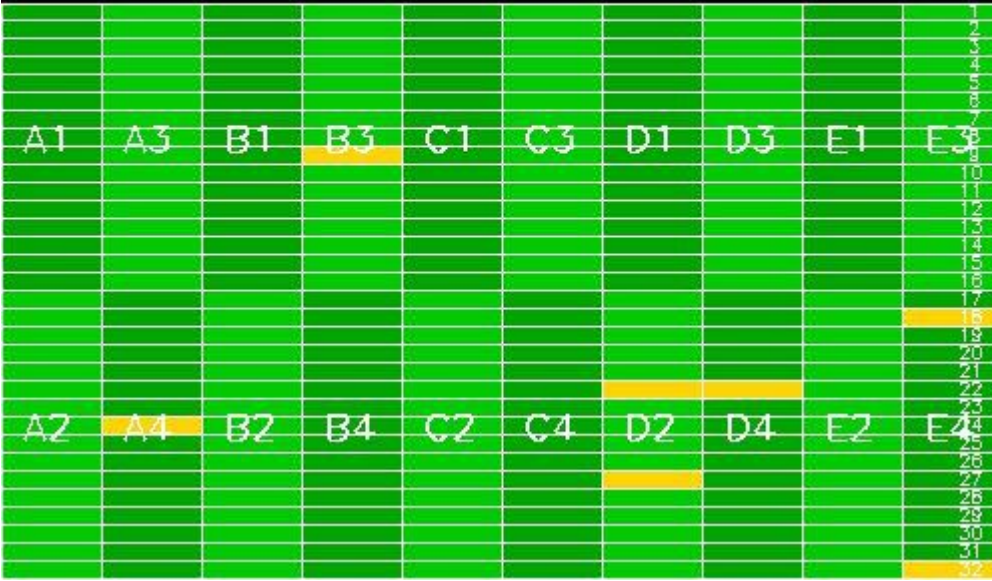
Reference: 2011-01-14 11:28:34 H RxGain  
 Test : 2011-01-15 10:51:50 H



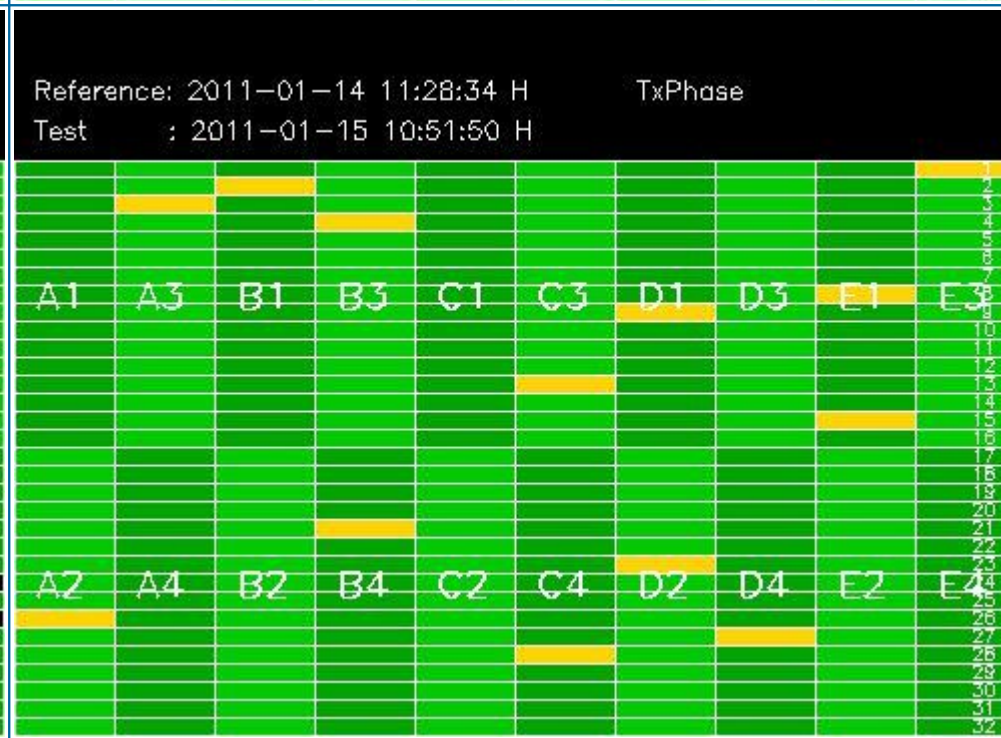
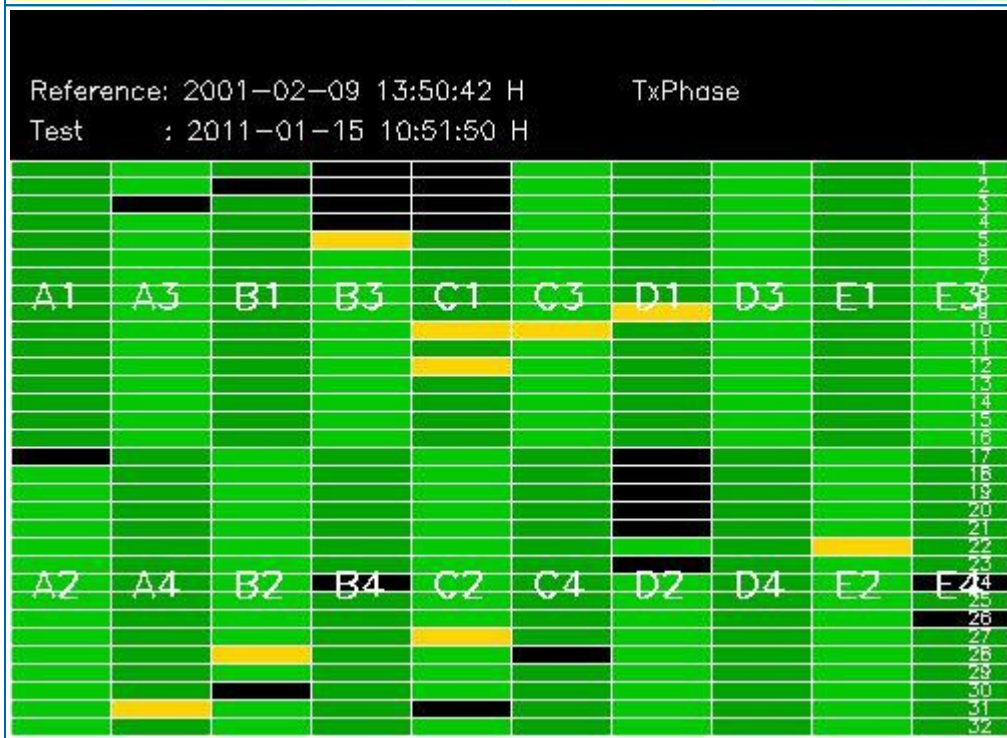
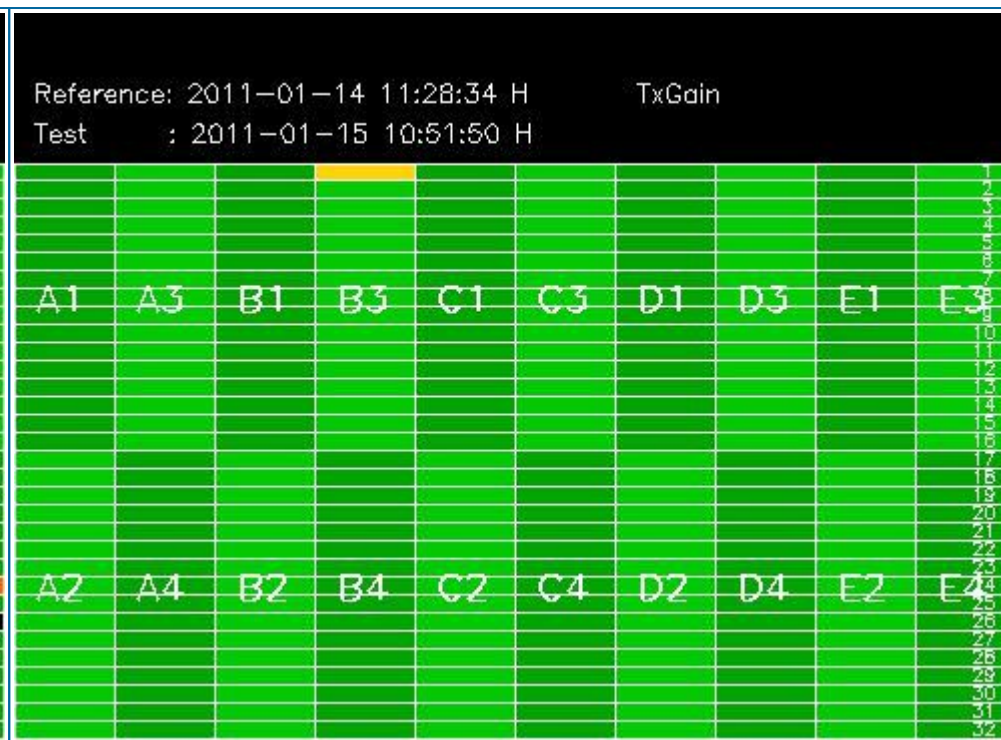
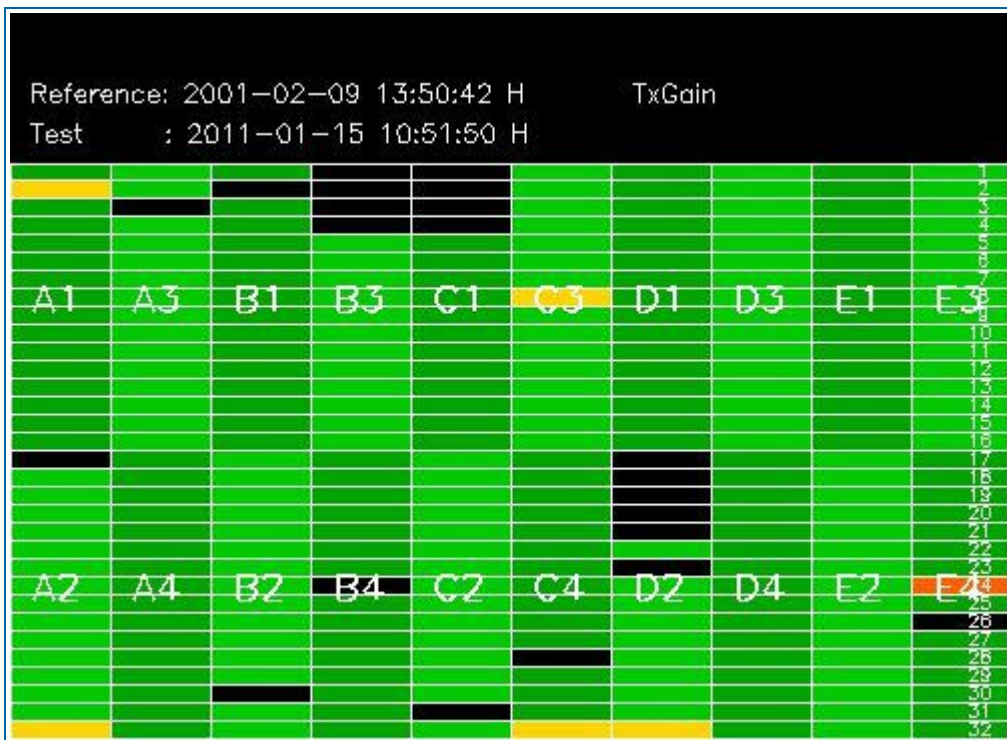
Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2011-01-15 10:51:50 H



Reference: 2011-01-14 11:28:34 H RxPhase  
 Test : 2011-01-15 10:51:50 H







## 4 - CALIBRATION PULSES ANALYSIS

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

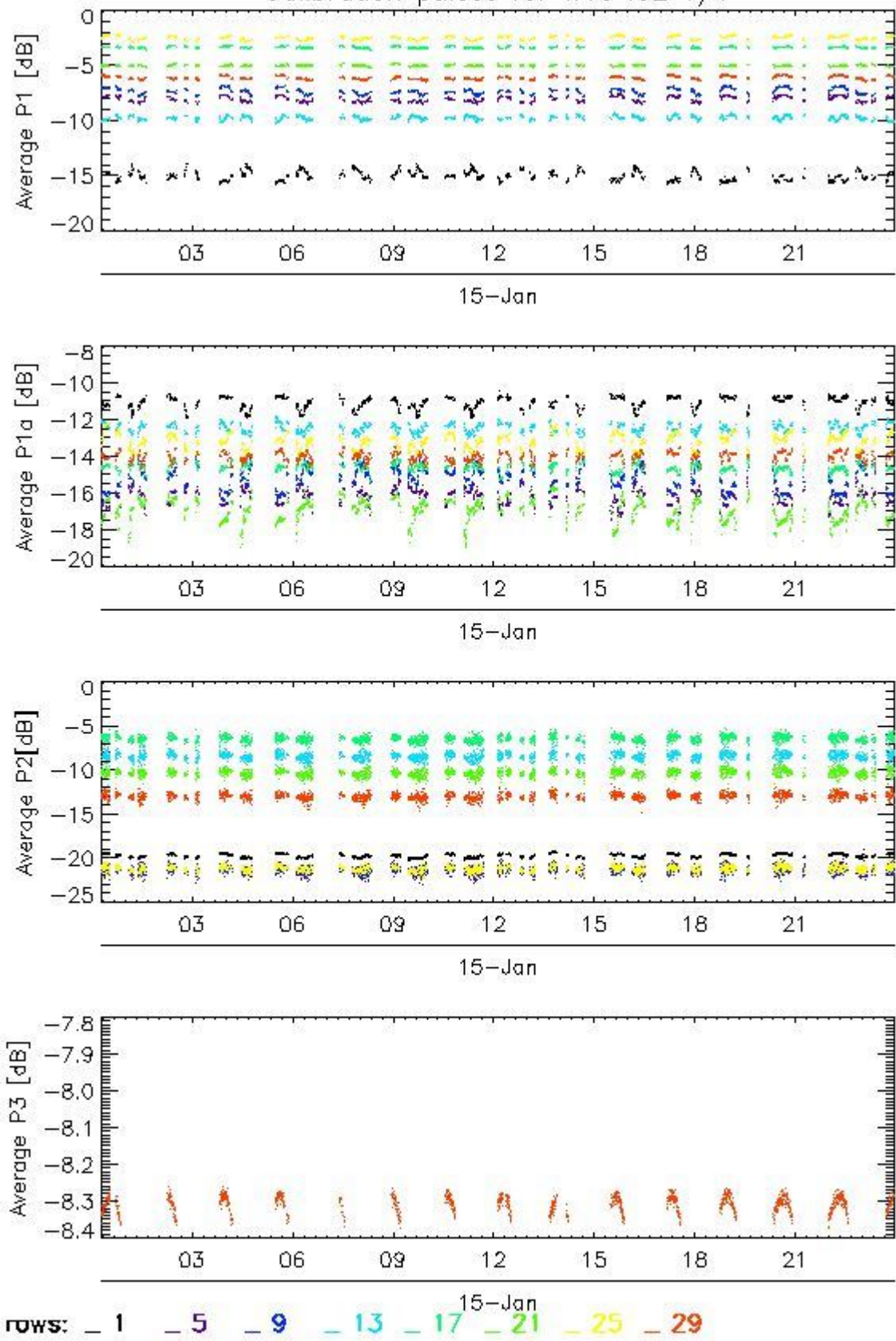
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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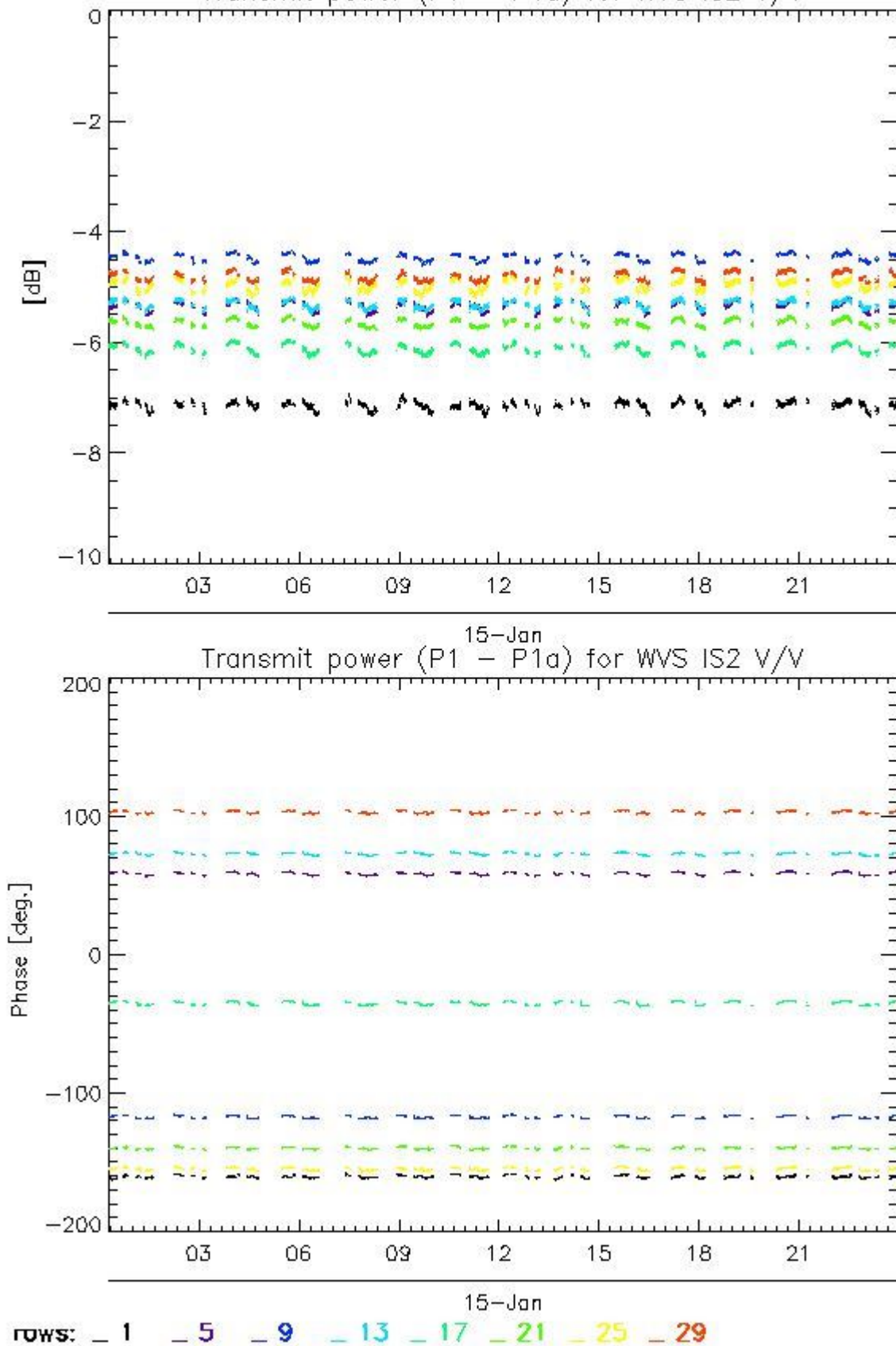
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

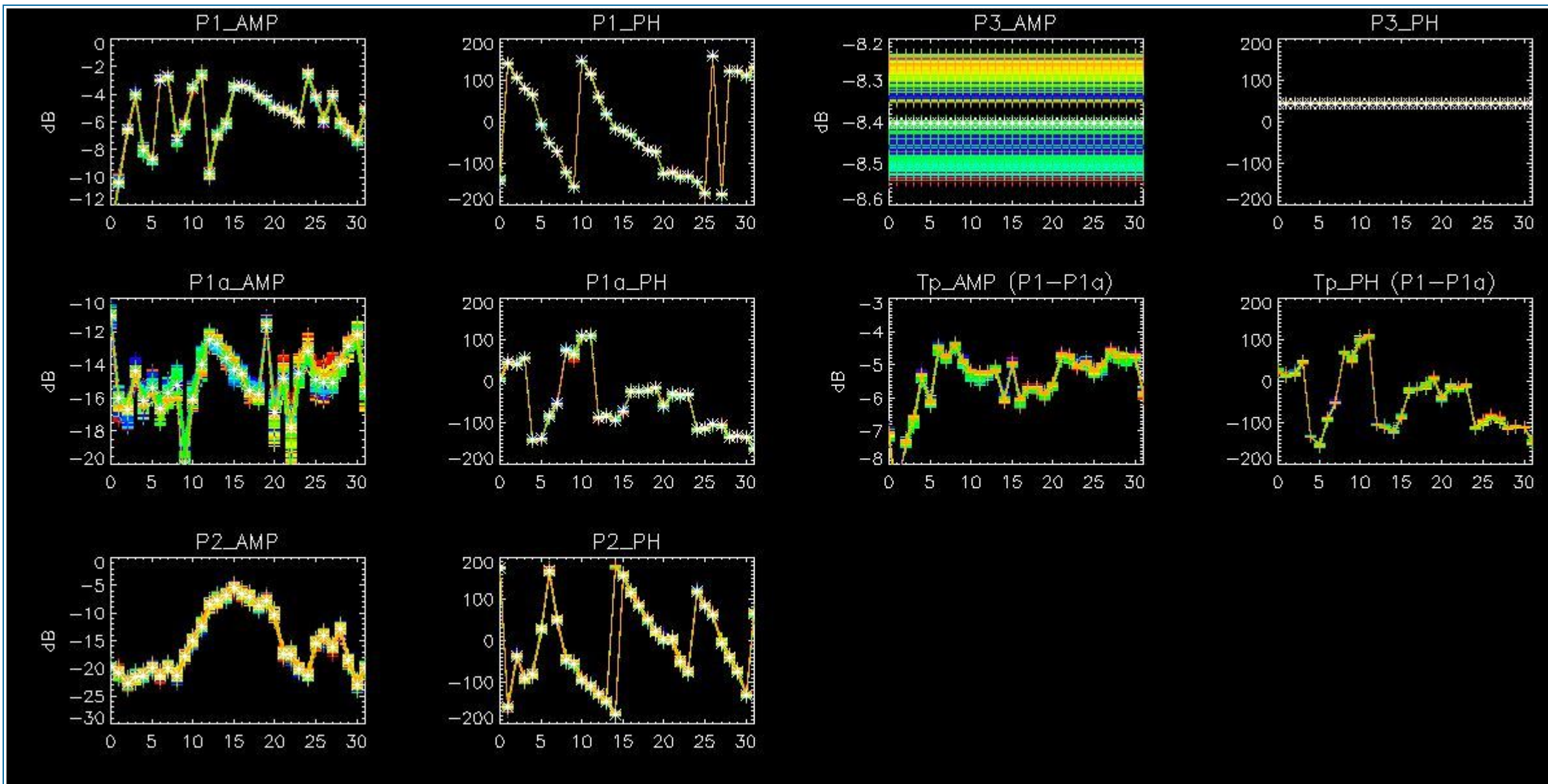


#### 4.1.2 - All Rows Analysis for WVS IS2 V/V

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## 4.2 - Analysis for GM1 SS3 H/H

### 4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

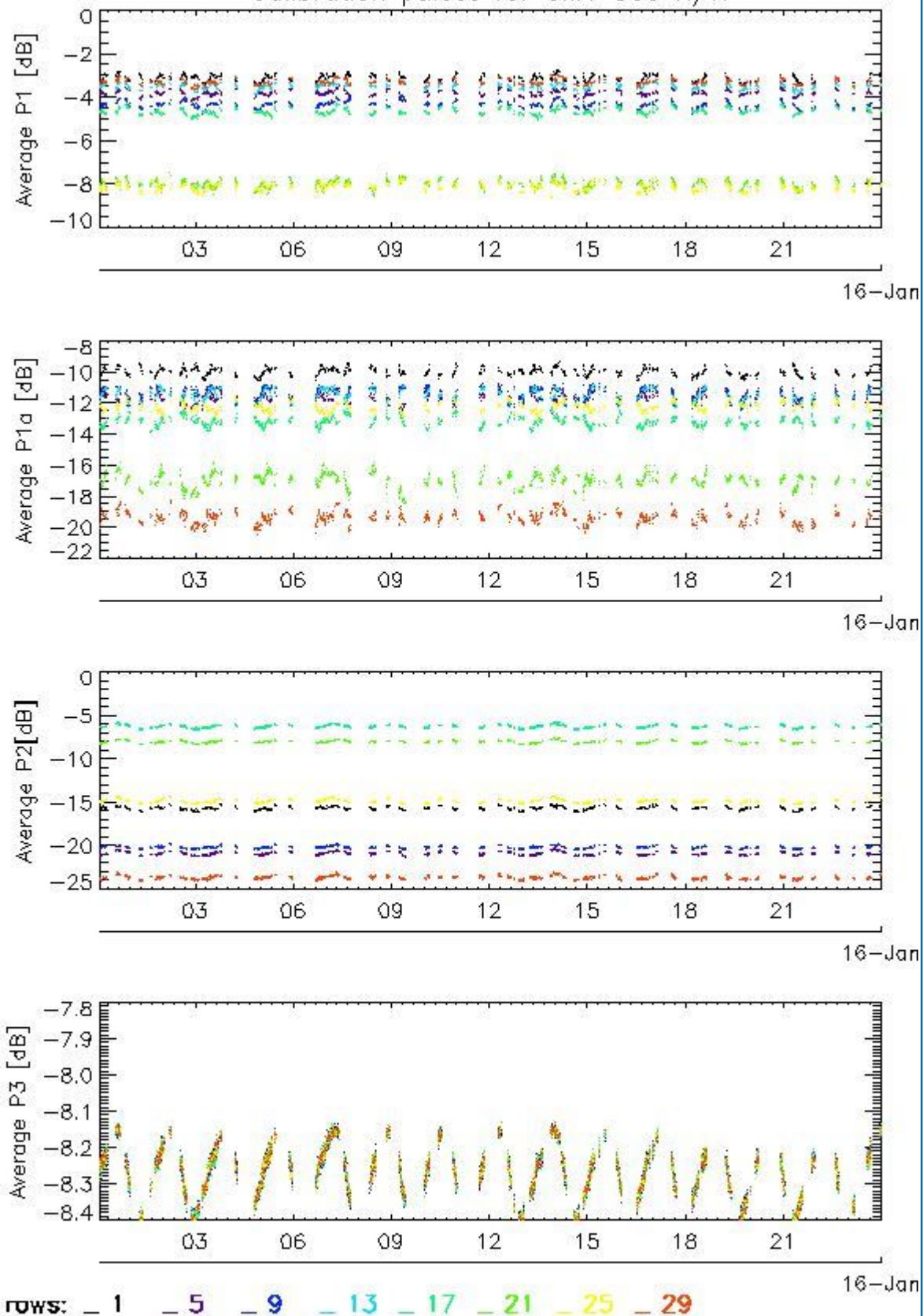
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Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

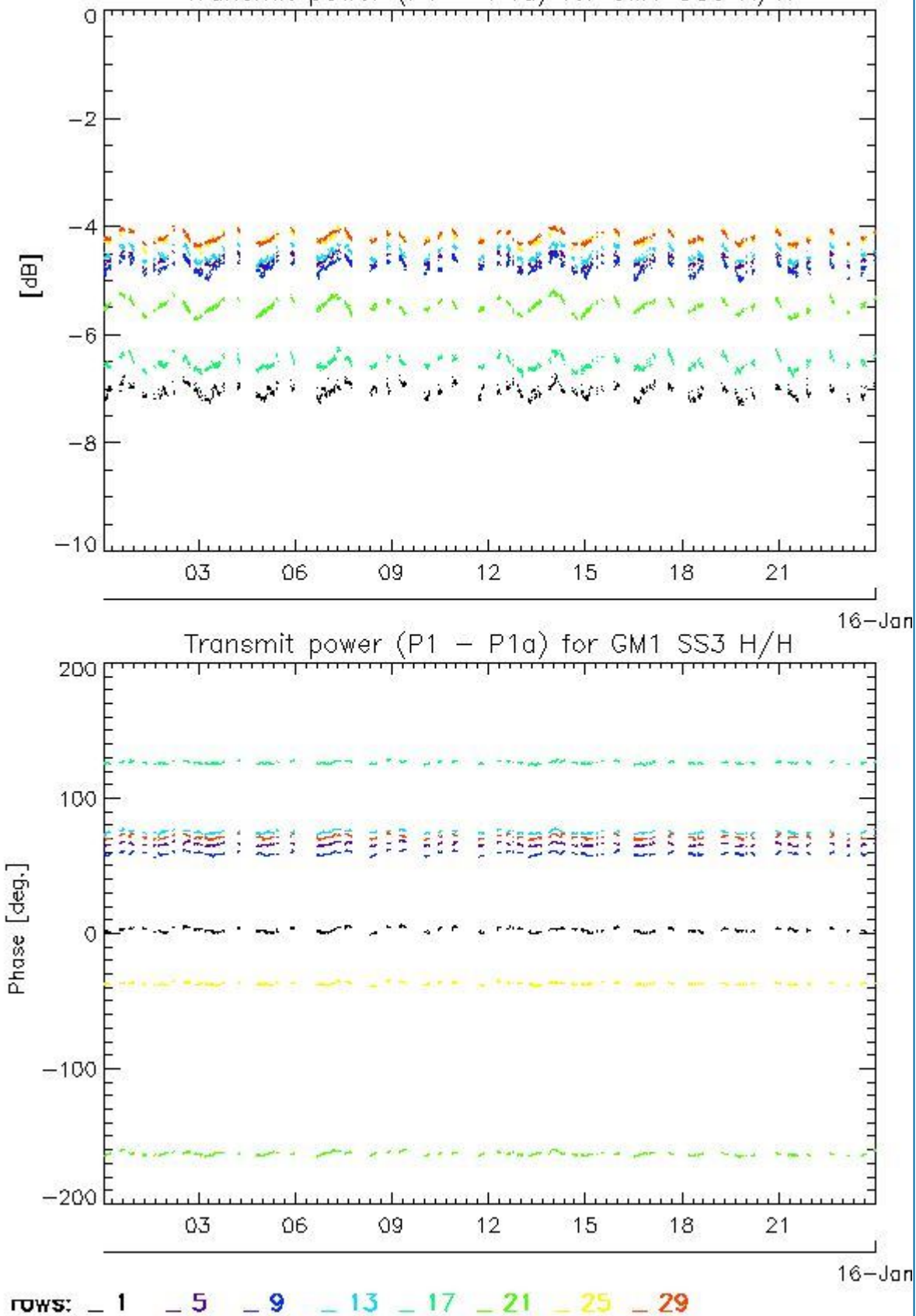
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H



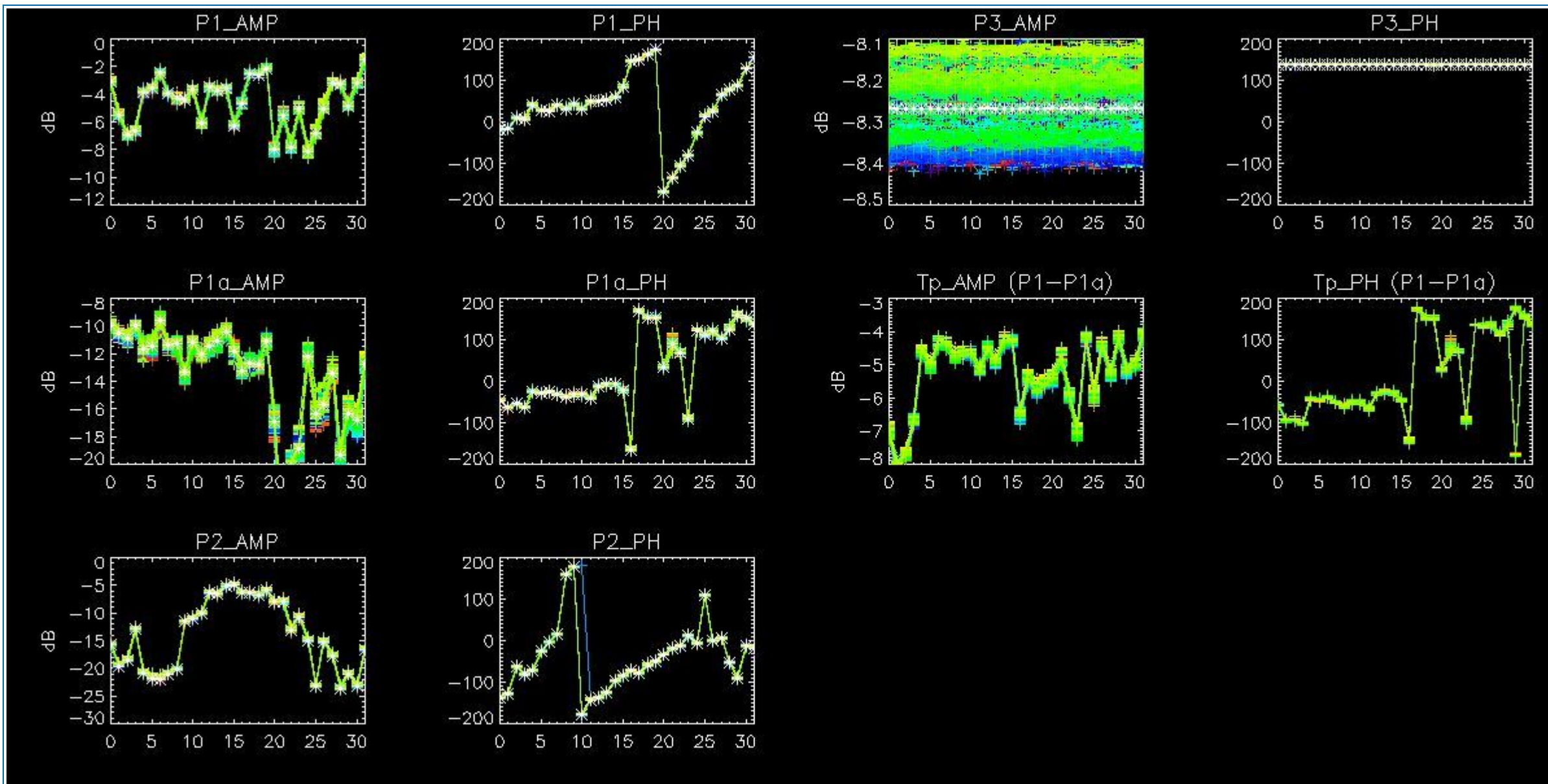
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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## 5 - DOPPLER ANALYSIS

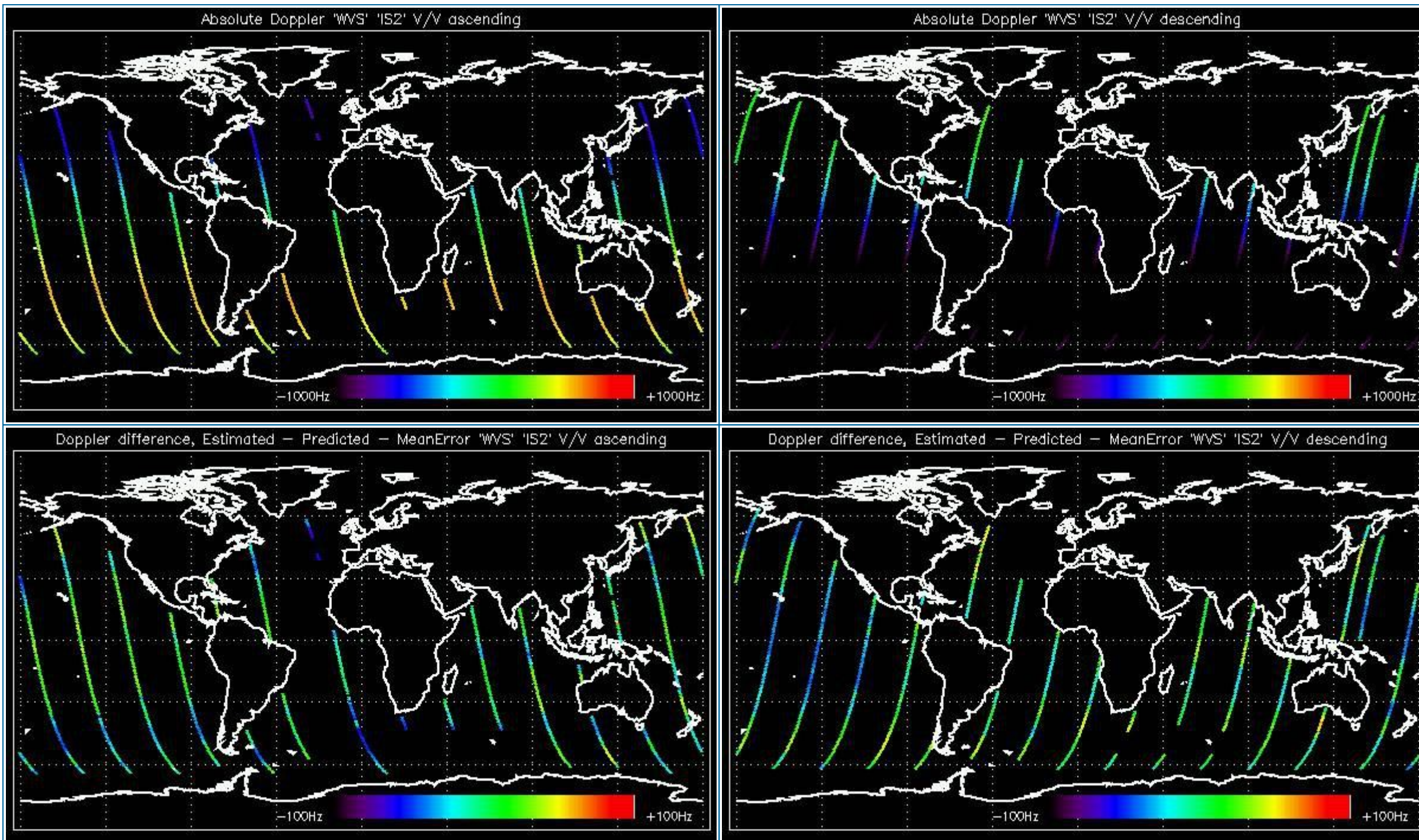
### 5.1 - Analysis for WVS IS2 V/V

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

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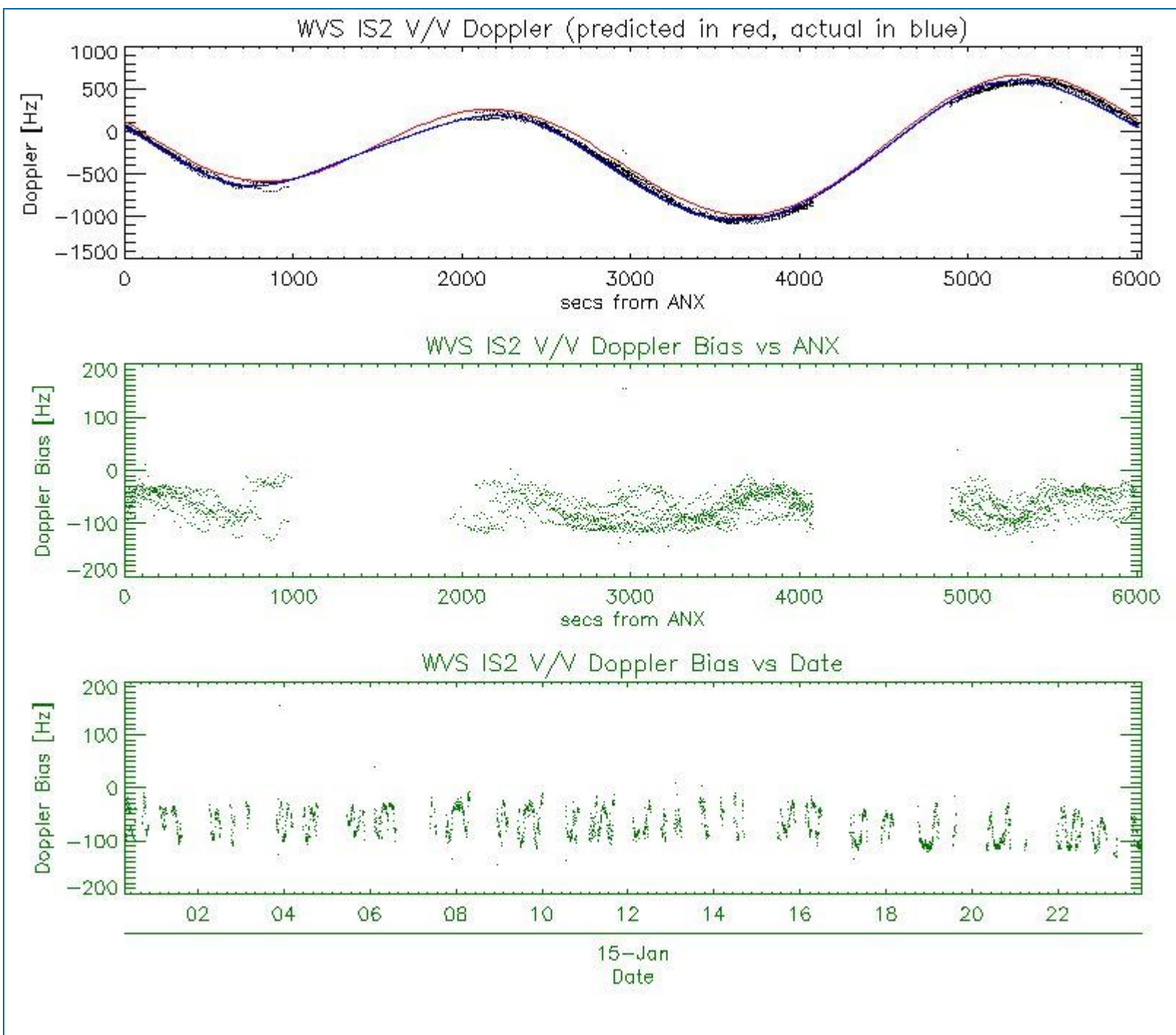




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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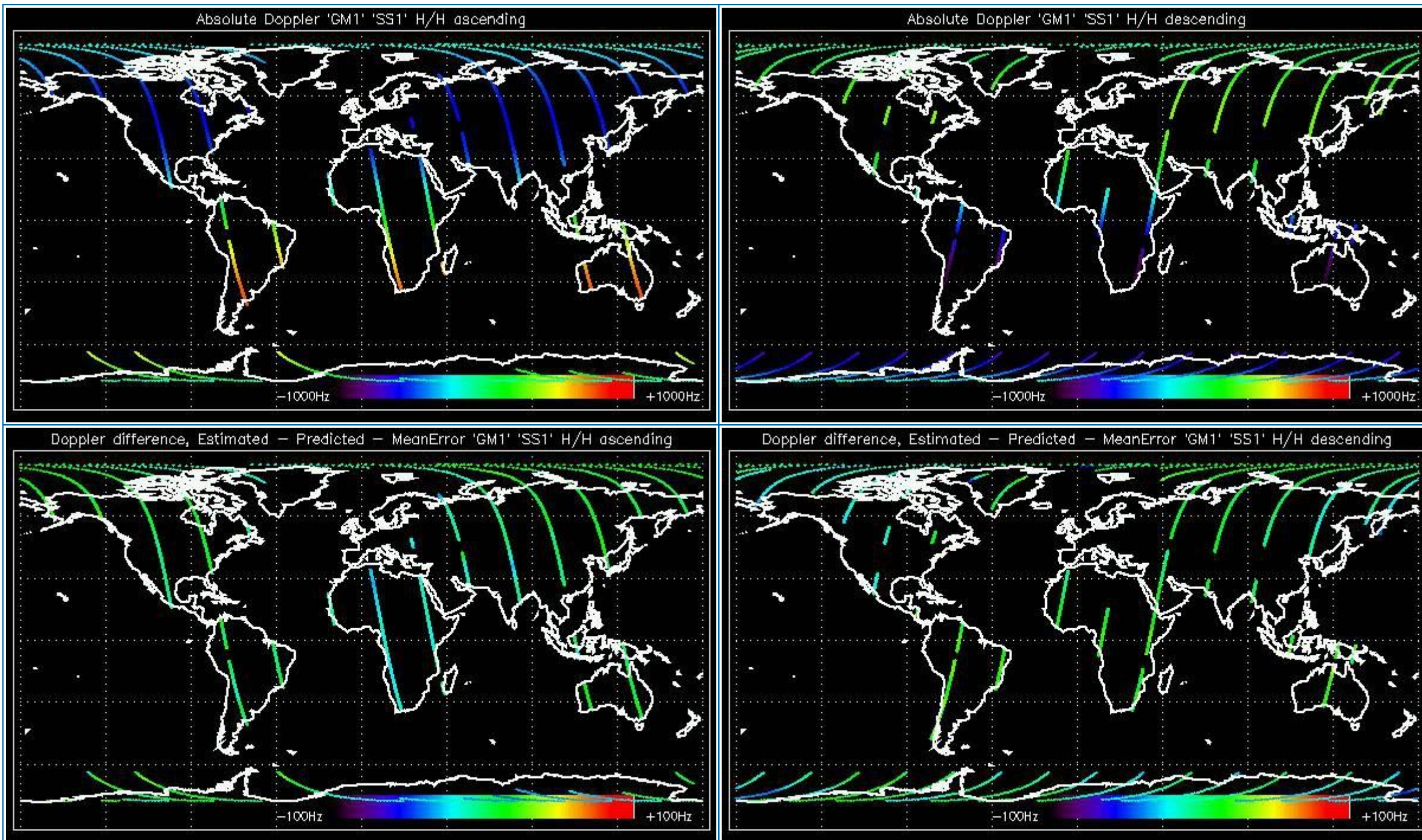
## 5.2 - Analysis for GM1 SS1 H/H

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

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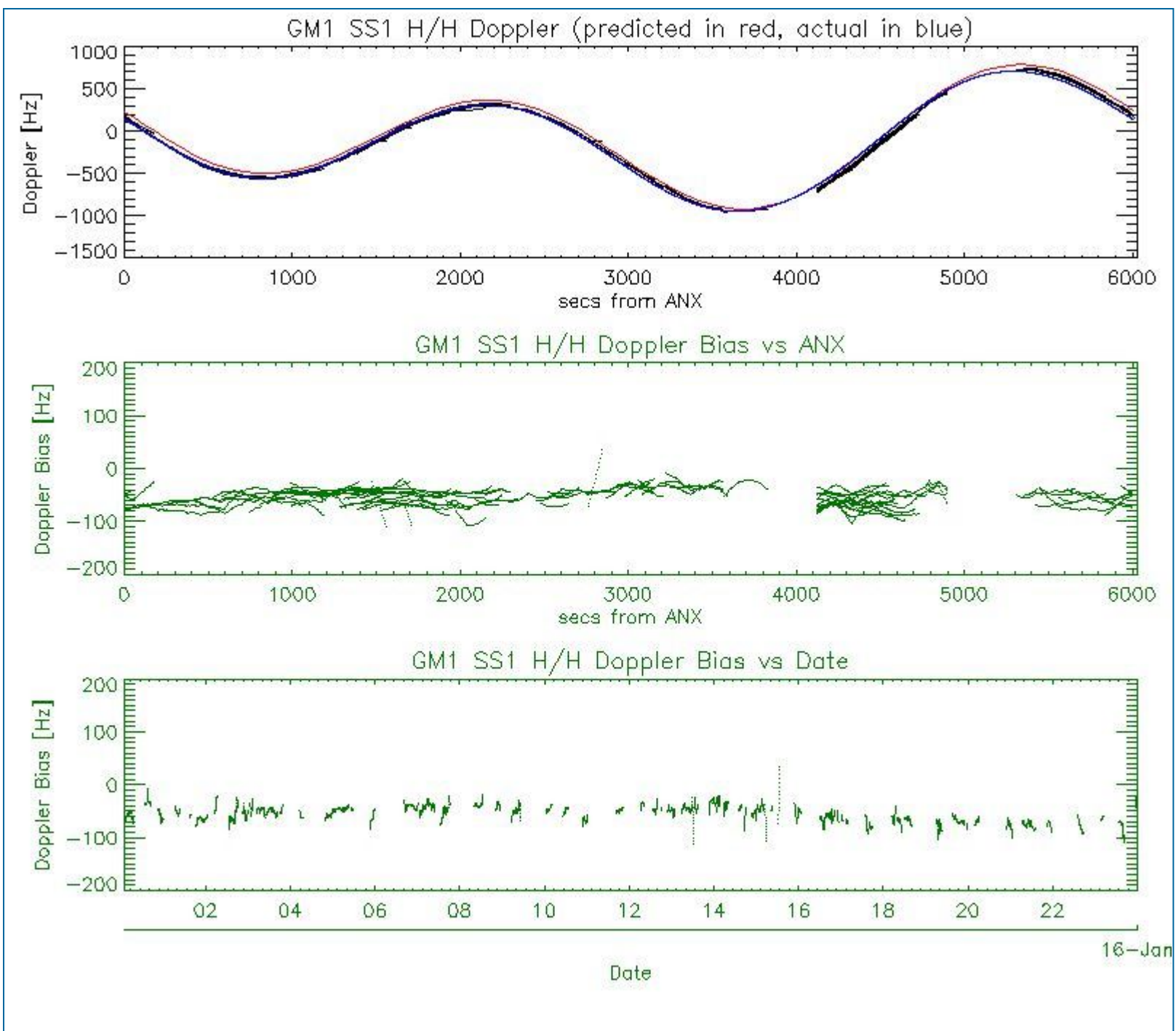




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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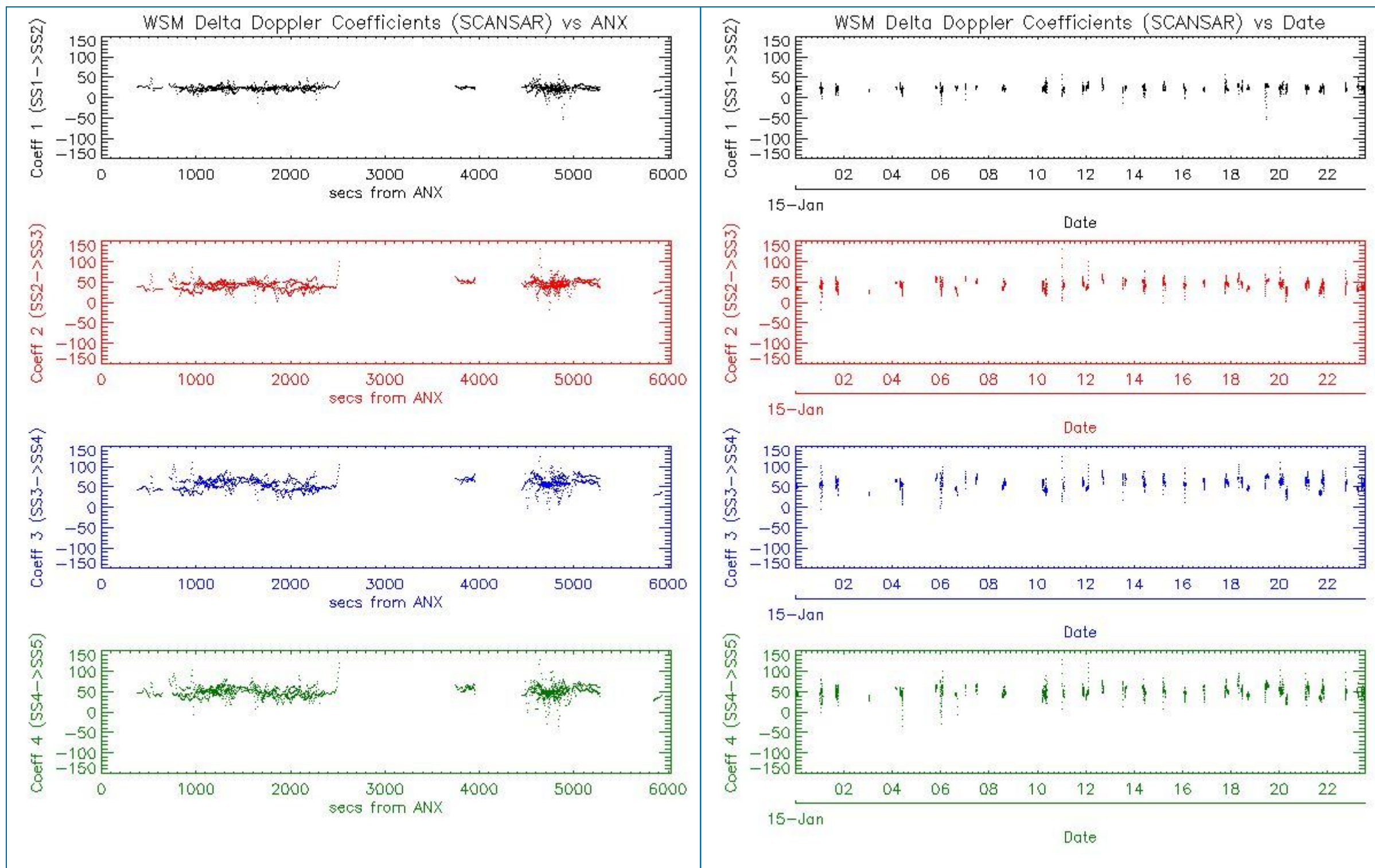


### 5.3 - Doppler JUMPS Analysis for WSM

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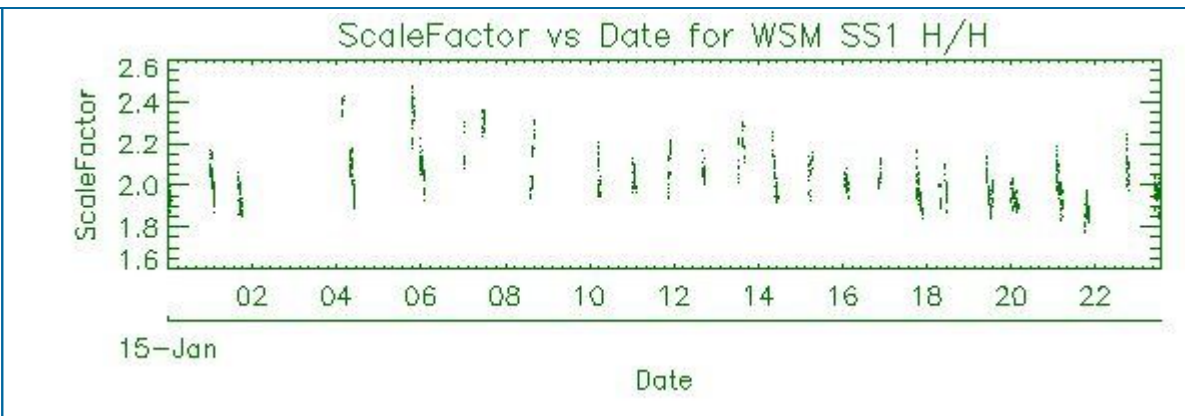
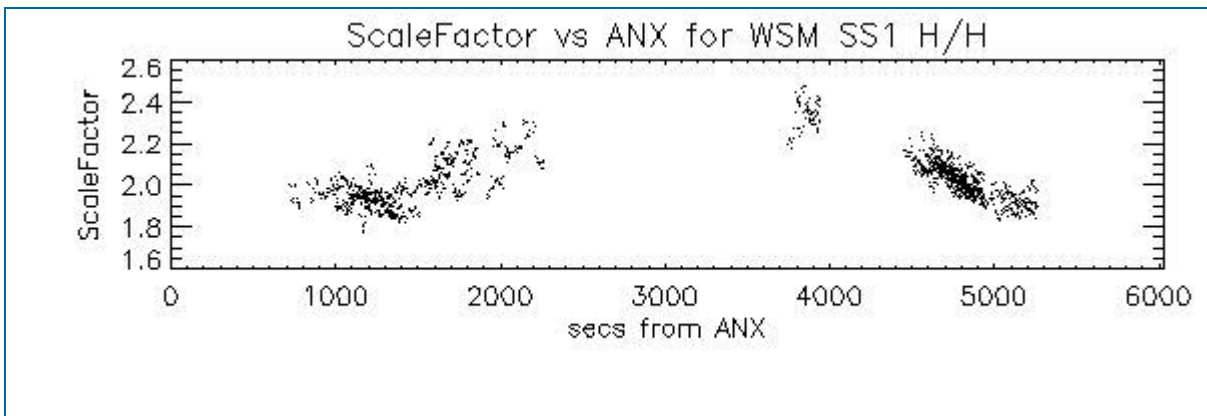
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

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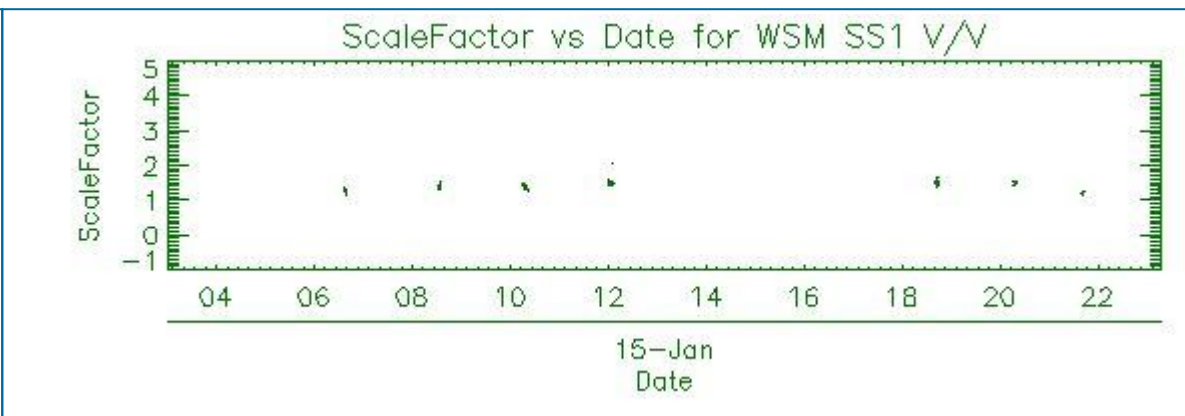
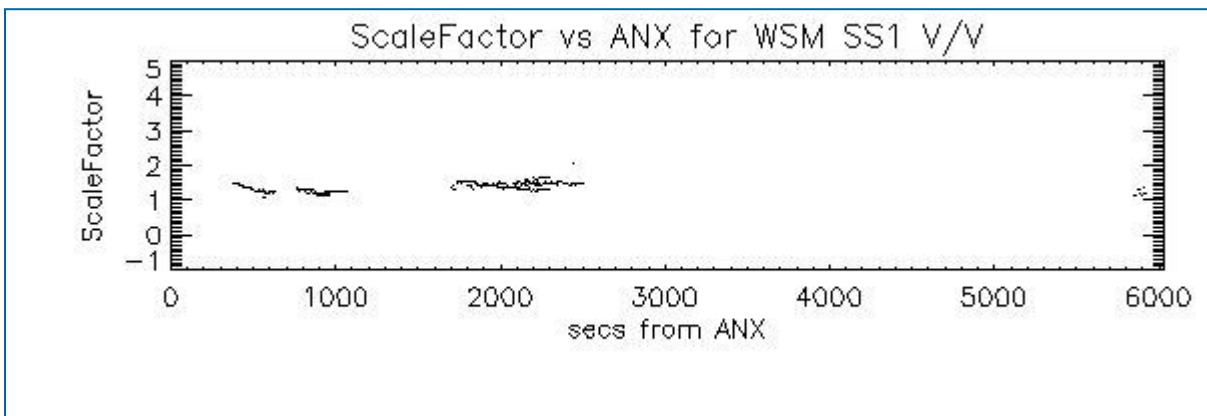




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

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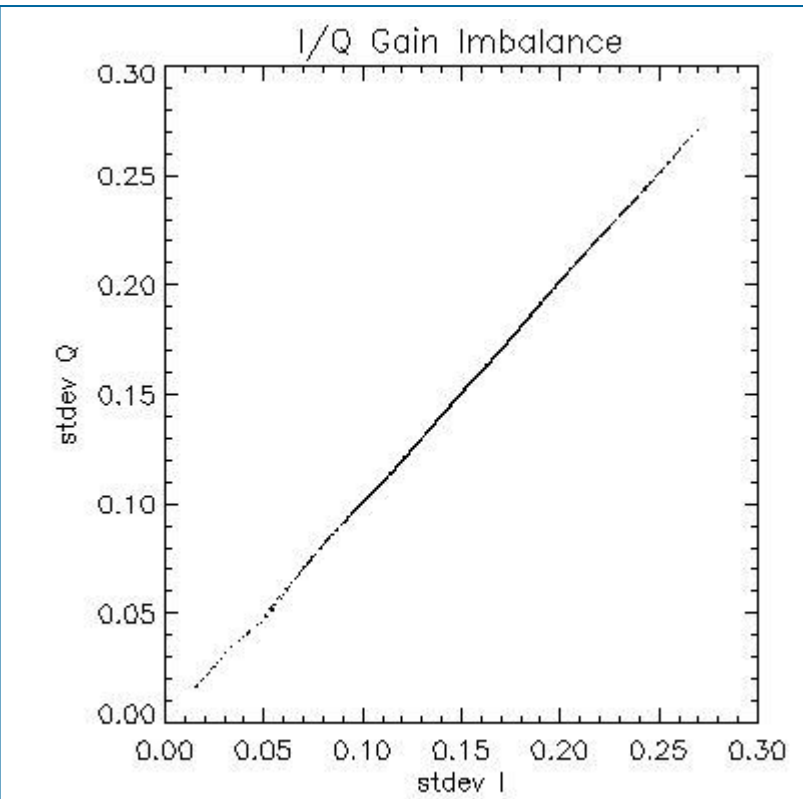
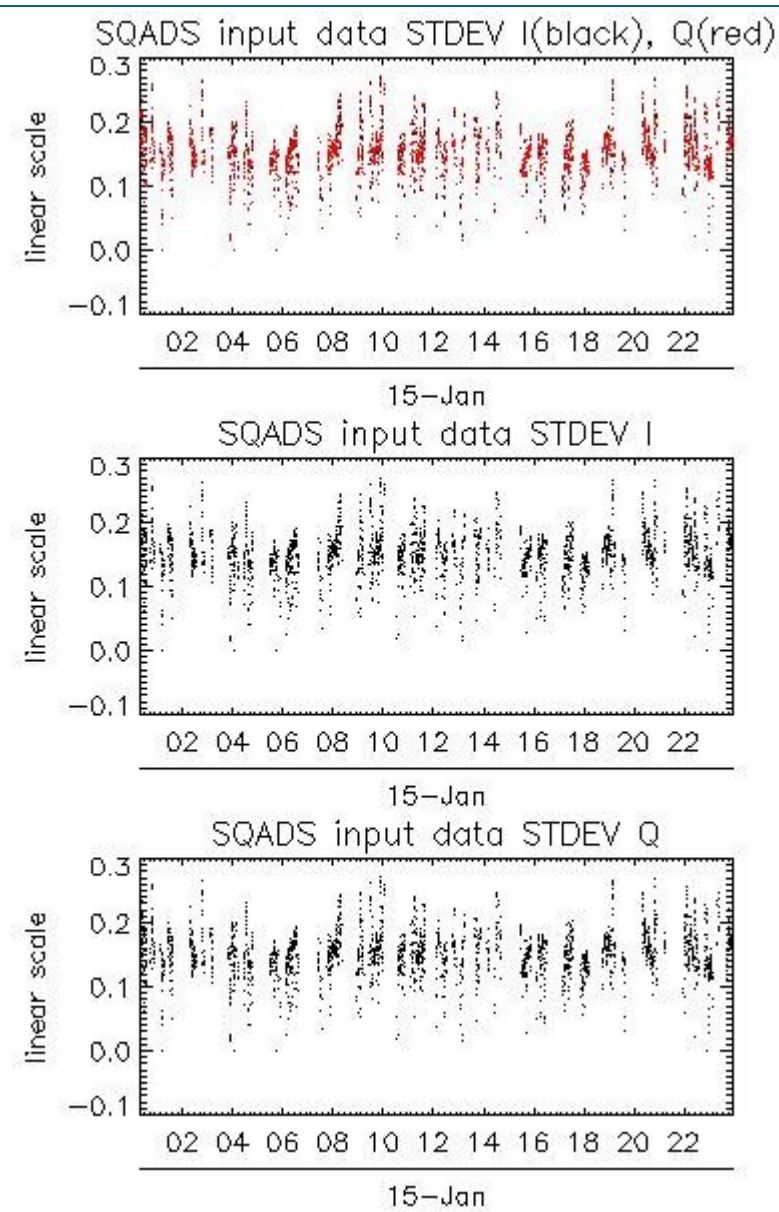
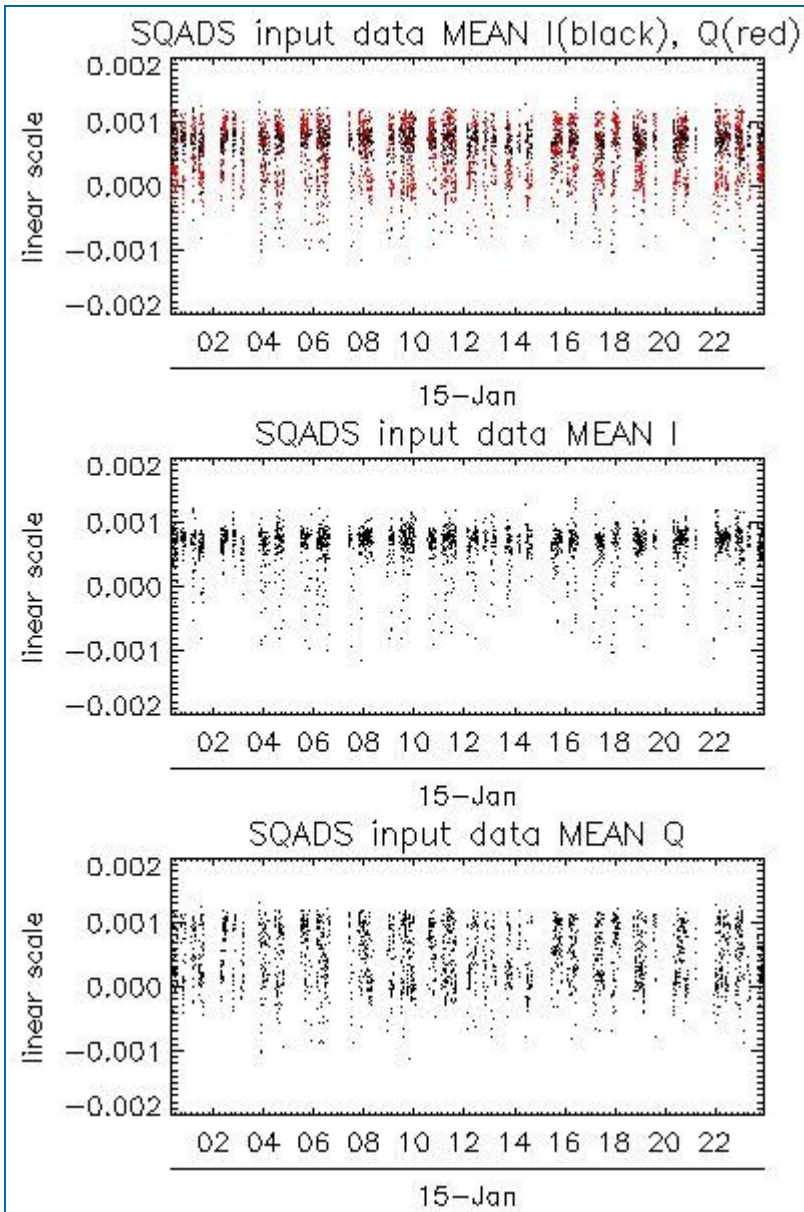
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

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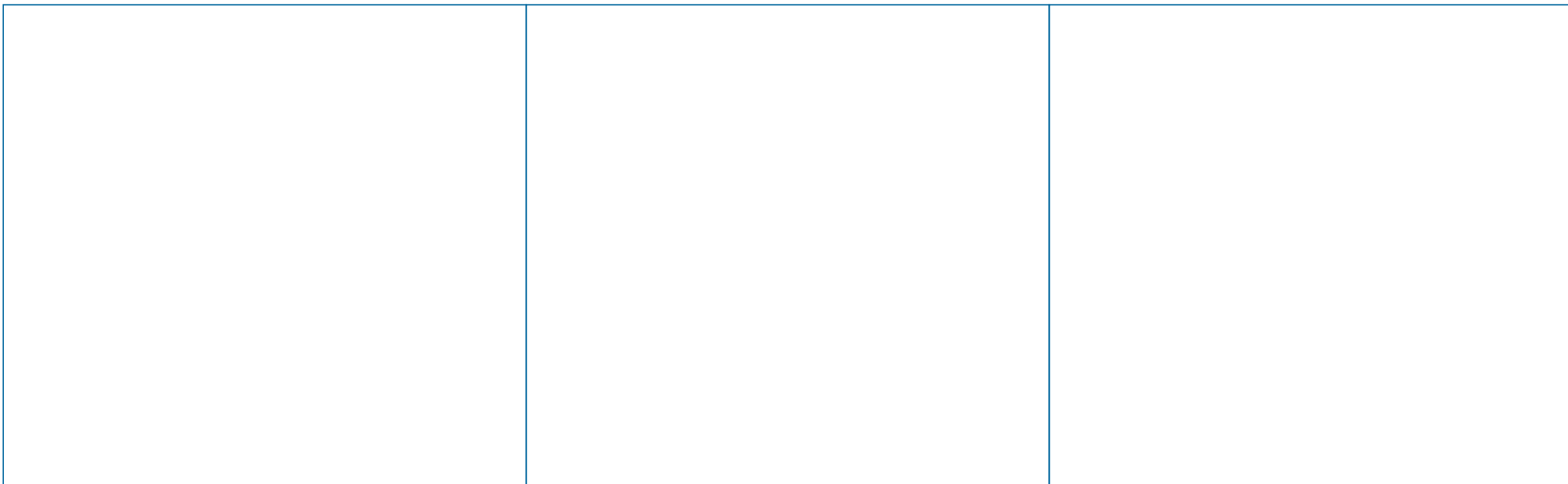


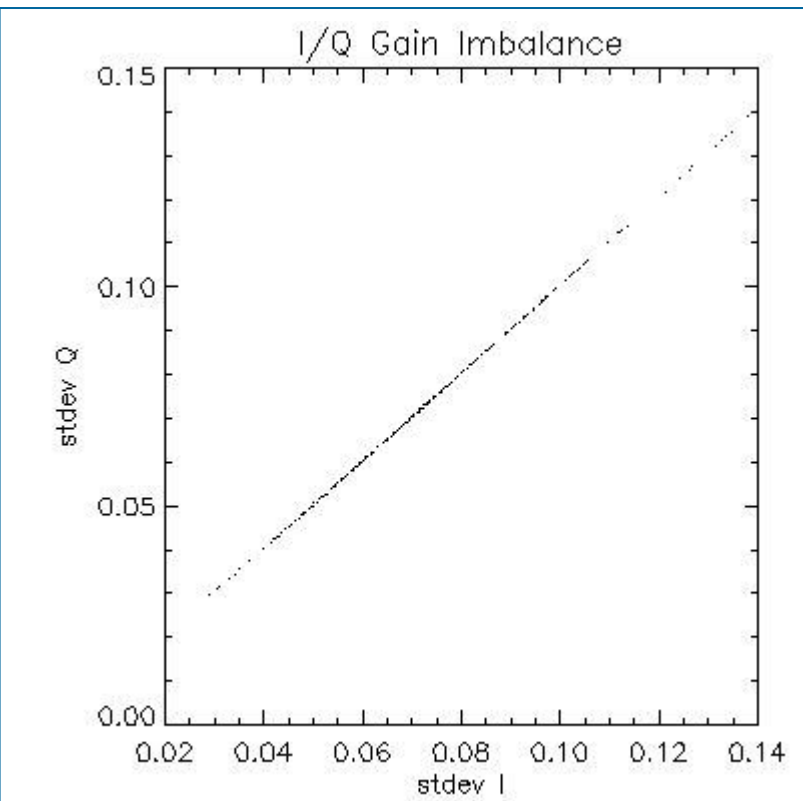
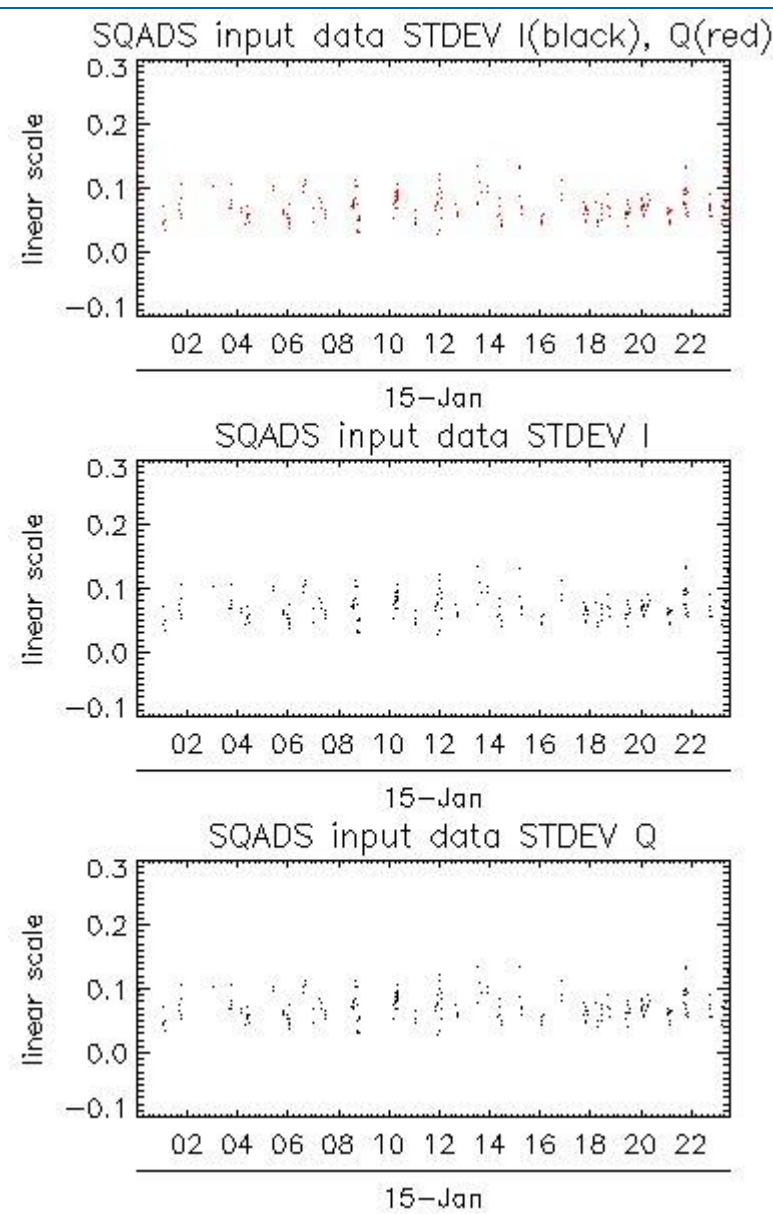
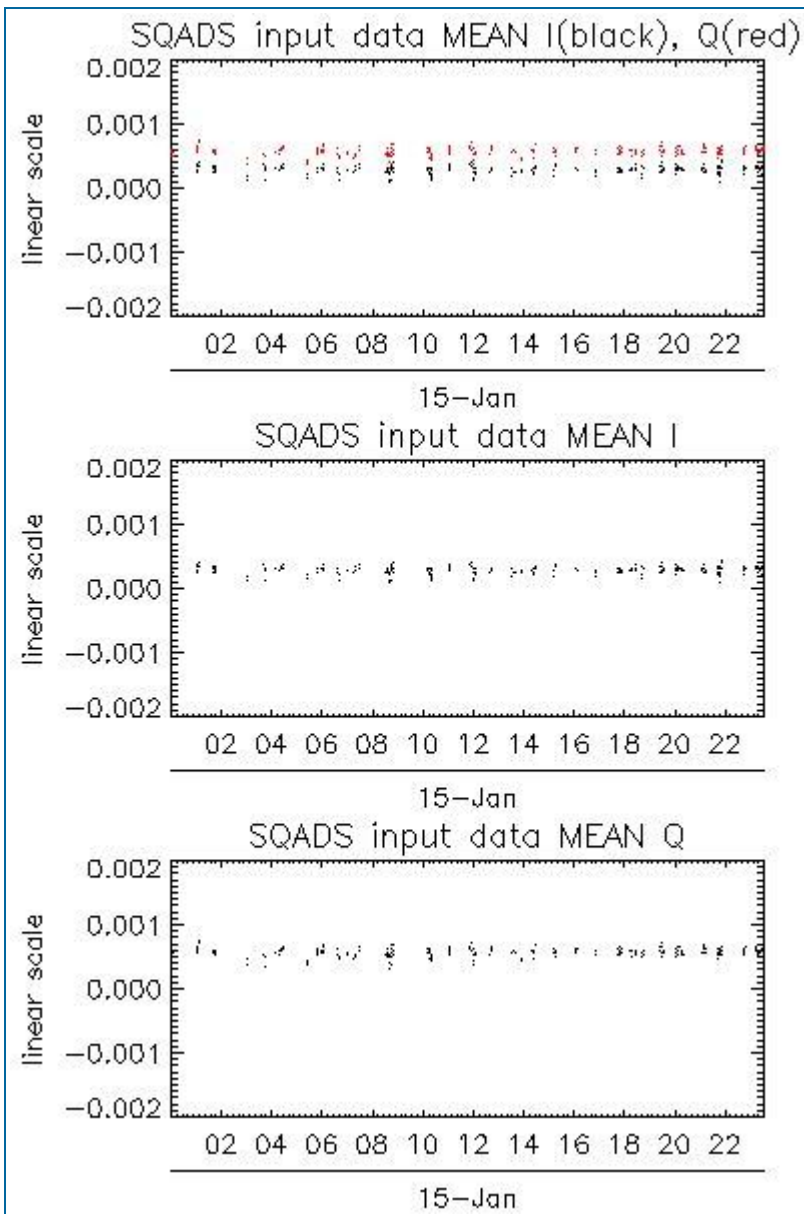


Channel	Statistics	DSS-B
MEAN I	mean	0.000631088
	stdev	1.10585e-07
MEAN Q	mean	0.000487457
	stdev	2.08476e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.151935
	stdev	0.00141470
STDEV Q	mean	0.152509
	stdev	0.00144361

## 7.2 - Analysis for IMM

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Channel	Statistics	DSS-B
MEAN I	mean	0.000285792
	stdev	4.07591e-09
MEAN Q	mean	0.000566156
	stdev	4.83007e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0725195
	stdev	0.000469313
STDEV Q	mean	0.0728757
	stdev	0.000474290

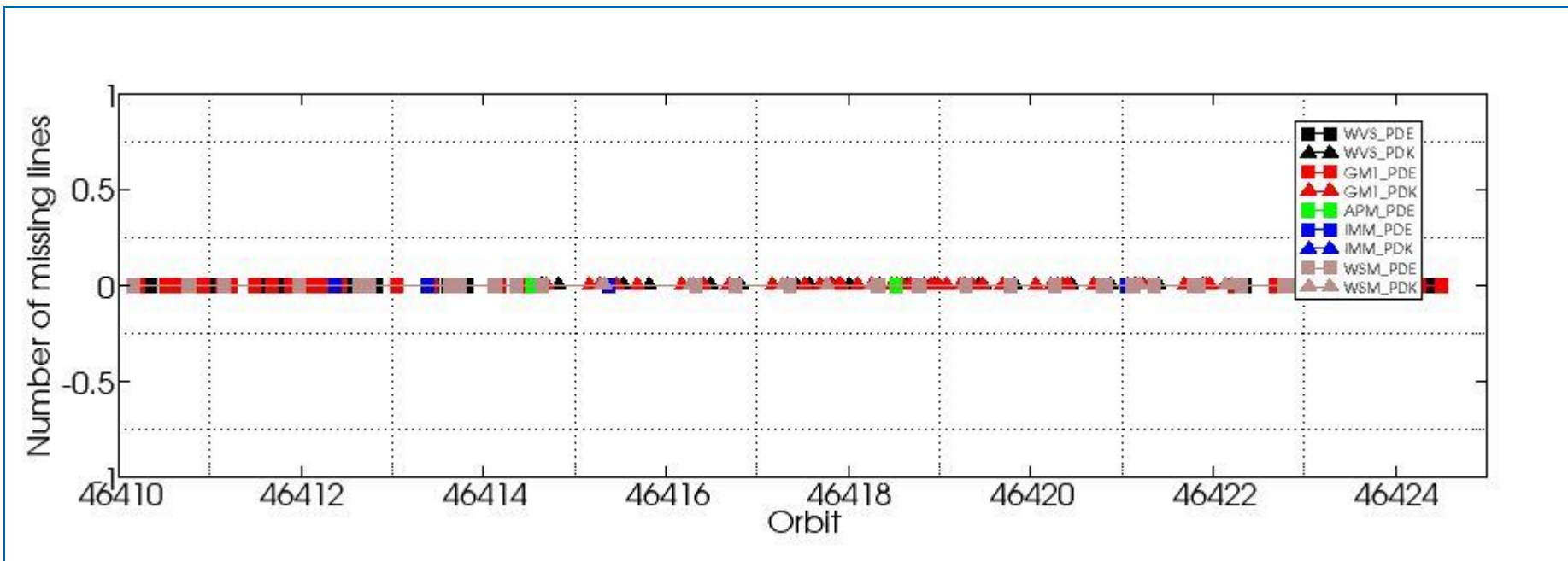
## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

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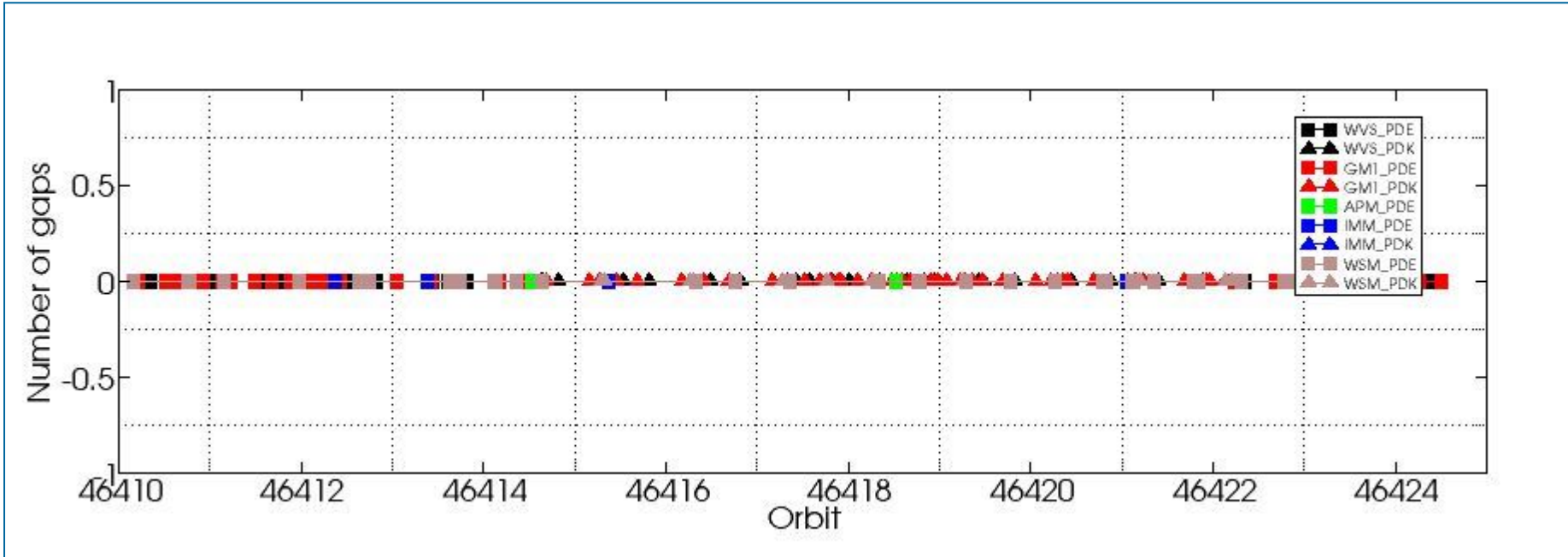






## 8.2 - Number of Gaps

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#####  
ASAR DAILY REPORT for 110115  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: 2011-01-15 00:00:00

Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110115/

DATA SUMMARY  
#####  
Summary will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110115/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_110115/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_110115/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS  
#####  
Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110115/AUXILIARY

Creating directory ./RESULTS/DAILY/\_110115/AUXILIARY...

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





ADF filter 20110115\*current\_3\_IECF\_ADFs.txt  
 Found list 20110115\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20101222\_141422\_20100317\_120410\_20141231\_000000  
 ASA\_INS\_AXVIEC20101222\_143805\_20101022\_000000\_20141231\_235959  
 ASA\_XCH\_AXVIEC20101222\_143057\_20020301\_000000\_20141231\_000000  
 ASA\_XCA\_AXVIEC20101111\_113830\_20100601\_000000\_20141231\_000000

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20110115_001751_000009293098_00275_46410_1939.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_004246_000005103098_00275_46410_1942.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_010702_000003443098_00275_46410_1945.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_011147_000002543098_00275_46410_1958.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_012325_000008093098_00275_46410_1962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_021615_000009153098_00276_46411_1967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_024513_000003603098_00276_46411_1971.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_030649_000002993098_00277_46412_1976.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_034900_000007793098_00277_46412_1974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_040145_000002703098_00277_46412_1992.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_040942_000001203098_00277_46412_1993.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_042628_000012593098_00277_46412_1997.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_052822_000010193098_00278_46413_2007.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_054507_000000303098_00278_46413_2013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_054956_000001203098_00278_46413_2014.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_060532_000018293098_00278_46413_2018.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_072407_000001653098_00279_46414_2026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_202008_000020393098_00287_46422_2109.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_211405_000000903098_00287_46422_2134.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_215832_000021443098_00288_46423_2137.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_224753_000004493098_00288_46423_2143.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_225438_000007793098_00288_46423_2163.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_231721_000000443098_00289_46424_2162.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_232019_000001503098_00289_46424_2160.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20110115_234228_000008543098_00289_46424_2165.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_072652_000000003098_00279_46414_8588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_073010_000001203098_00279_46414_8589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_074555_000020393098_00279_46414_8592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_085658_000009303098_00280_46415_8621.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_092609_000020993098_00280_46415_8623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_103327_000010643098_00281_46416_8648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_110614_000020693098_00281_46416_8650.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_120659_000005093098_00282_46417_8674.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_122203_000005553098_00282_46417_8678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_124637_000004053098_00282_46417_8682.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_130445_000005693098_00282_46417_8684.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_133946_000007493098_00283_46418_8711.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_140904_000002403098_00283_46418_8712.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_142743_000004203098_00283_46418_8714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_143932_000001343098_00283_46418_8717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_152854_000001043098_00284_46419_8744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_153259_000012143098_00284_46419_8746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_160755_000013043098_00284_46419_8749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_170949_000014243098_00285_46420_8773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_175330_000010043098_00285_46420_8776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_184512_000017093098_00286_46421_8788.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20110115_193348_000002403098_00286_46421_8792.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_GM1.xls...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_GM1.txt...

ASA_GM1_1PNPDE20110115_000442_000007853098_00275_46410_1941.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_003405_000001143098_00275_46410_1940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_003654_000003503098_00275_46410_1938.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_005201_000004833098_00275_46410_1943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_005201_000004833098_00275_46410_1944.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_011648_000003923098_00275_46410_1959.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_013743_000001083098_00276_46411_1961.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_014631_000009673098_00276_46411_1963.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_021311_000001813098_00276_46411_1964.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_023213_000007793098_00276_46411_1966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_025159_000001323098_00276_46411_1965.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_025418_000003923098_00276_46411_1970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_030227_000002593098_00276_46411_1973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_031232_000006773098_00277_46412_1972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_032528_000009493098_00277_46412_1977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_034555_000001813098_00277_46412_1975.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_041227_000003263098_00277_46412_1994.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_044814_000020423098_00278_46413_1995.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_052559_000001383098_00278_46413_2006.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_055243_000003563098_00278_46413_2015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_064039_000012023098_00279_46414_2016.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_070220_000008463098_00279_46414_2017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_071823_000003443098_00279_46414_2025.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_200946_000003863098_00287_46422_2108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_205446_000005313098_00287_46422_2110.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_211626_000011603098_00287_46422_2133.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_215154_000003983098_00288_46423_2135.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_223503_000004833098_00288_46423_2138.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_230824_000002653098_00289_46424_2161.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_233309_000005553098_00289_46424_2164.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20110115_235731_000005073098_00289_46424_2166.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_073255_000007793098_00279_46414_8590.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_082036_000006893098_00280_46415_8591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_083057_000001083098_00280_46415_8619.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_085024_000003923098_00280_46415_8620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_091309_000007793098_00280_46415_8622.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_100146_000005553098_00281_46416_8624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_102528_000004773098_00281_46416_8647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_105324_000004653098_00281_46416_8649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_114123_000006223098_00282_46417_8651.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_121613_000003443098_00282_46417_8676.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_123336_000004163098_00282_46417_8679.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_124441_000001083098_00282_46417_8681.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_125409_000008843098_00282_46417_8680.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_125544_000005373098_00282_46417_8683.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_131452_000009553098_00283_46418_8685.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_132942_00000903098_00283_46418_8706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_133253_000002833098_00283_46418_8707.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_135259_000002413098_00283_46418_8708.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_135804_000003923098_00283_46418_8709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_140441_000002593098_00283_46418_8710.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_141350_000004283098_00283_46418_8713.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_143532_000002353098_00283_46418_8715.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_144230_000002113098_00283_46418_8716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_145239_000009613098_00284_46419_8718.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_145239_000009613098_00284_46419_8719.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_150753_000001873098_00284_46419_8741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_151240_00000783098_00284_46419_8742.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_152048_000001023098_00284_46419_8743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_153122_00000903098_00284_46419_8745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



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ASA_GM1_1PNPDK20110115_155405_000005673098_00284_46419_8747.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_163017_000010453098_00285_46420_8748.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_164657_000002653098_00285_46420_8770.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_165435_000001143098_00285_46420_8769.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_170027_000001383098_00285_46420_8771.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_170650_000001753098_00285_46420_8772.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_173421_000005863098_00285_46420_8774.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_181224_000003143098_00286_46421_8775.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_181914_000002593098_00286_46421_8777.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_182222_000001993098_00286_46421_8786.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_182941_000006283098_00286_46421_8787.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_191433_000006103098_00286_46421_8790.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_193835_000000963098_00286_46421_8789.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_194131_000007853098_00286_46421_8791.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20110115_195826_000000783098_00287_46422_8793.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_APM.xls...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_APM.txt...

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ASA_APM_1PNPDE20110115_071628_000000933098_00279_46414_2020.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20110115_135702_000000433098_00283_46418_2091.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_IMM.xls...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_IMM.txt...

```
ASA_IMM_1PNPDE20110115_034114_000002723098_00277_46412_1957.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110115_052217_000002143098_00278_46413_1991.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110115_084146_000005113098_00280_46415_2031.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20110115_181119_000000543098_00286_46421_2099.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20110115_115714_000001123098_00282_46417_8660.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_WSM.xls...

Writing file ./RESULTS/DAILY/\_110115/AUXILIARY/Check\_ADFs\_WSM.txt...

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ASA_WSM_1PNPDE20110115_010009_000004163098_00275_46410_1936.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_013938_000004103098_00276_46411_1960.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_030055_000000923098_00276_46411_1968.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_040812_000000923098_00277_46412_1985.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_041755_000005143098_00277_46412_1990.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_054625_000002143098_00278_46413_2002.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_055843_000003923098_00278_46413_2010.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_063641_000002323098_00279_46414_2012.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_070045_000000923098_00279_46414_2011.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_072740_000001533098_00279_46414_2029.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_101807_000003063098_00281_46416_2044.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_110110_000002753098_00281_46416_2079.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_120012_000004103098_00282_46417_2080.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_133742_000001223098_00283_46418_2092.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_142100_000001533098_00283_46418_2090.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_142412_000002143098_00283_46418_2093.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_151404_000001533098_00284_46419_2095.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_160334_000002513098_00284_46419_2089.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_165125_000001843098_00285_46420_2098.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
ASA_WSM_1PNPDE20110115_174408_000002513098_00285_46420_2096.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_174835_000003003098_00285_46420_2097.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_181742_000000923098_00286_46421_2100.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_184025_000002883098_00286_46421_2107.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_192449_000002143098_00286_46421_2102.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_192945_000002453098_00286_46421_2104.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_201618_000002323098_00287_46422_2116.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_210343_000002693098_00287_46422_2111.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_210931_000002753098_00287_46422_2118.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_214520_000003923098_00288_46423_2136.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_224309_000002813098_00288_46423_2132.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_231251_000002693098_00289_46424_2157.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20110115_232854_000002513098_00289_46424_2158.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_083251_000001533098_00280_46415_8600.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_083622_000002813098_00280_46415_8601.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_101107_000002513098_00281_46416_8631.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_101525_000003733098_00281_46416_8632.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_115150_000002753098_00282_46417_8659.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_124035_000002393098_00282_46417_8686.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_133119_000000923098_00283_46418_8687.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_151104_000000923098_00284_46419_8725.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_182544_000002323098_00286_46421_8784.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_195951_000003923098_00287_46422_8810.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_200714_000001533098_00287_46422_8811.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_214007_000002513098_00288_46423_8825.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_214534_000002453098_00288_46423_8826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20110115_232338_000002393098_00289_46424_8838.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_110115/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_110115/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_110115/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Deleting old files...

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\*\*\*\*\*

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

Reference product: ASA\_MS\_0PNPDK20010209\_135042\_0000009A024\_00180\_11700\_0052.N1

Test product: ASA\_MS\_0PNPDK20110115\_105150\_00000163098\_00281\_46416\_0400.N1

H

H

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20110115\_105150-20010209\_135042.png

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20110115\_105150-20010209\_135042.png

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20110115\_105150-20010209\_135042.png

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20110115\_105150-20010209\_135042.png

Polarization: V

Reference product: ASA\_MS\_0PNPDK20010209\_140823\_0000009A024\_00180\_11700\_0054.N1

Test product: ASA\_MS\_0PNPDK20110115\_123204\_00000163098\_00282\_46417\_0401.N1

V

V

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20110115\_123204-20010209\_140823.png



../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20110115\_123204-20010209\_140823.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20110115\_123204-20010209\_140823.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20110115\_123204-20010209\_140823.png

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\*\*\*\*\*

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20110114\_112834\_000000163098\_00267\_46402\_0398.N1  
Test product: ASA\_MS\_\_0PNPDK20110115\_105150\_000000163098\_00281\_46416\_0400.N1

H  
H

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20110115\_105150-20110114\_112834.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20110115\_105150-20110114\_112834.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20110115\_105150-20110114\_112834.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20110115\_105150-20110114\_112834.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20110114\_130848\_000000163098\_00268\_46403\_0399.N1  
Test product: ASA\_MS\_\_0PNPDK20110115\_123204\_000000163098\_00282\_46417\_0401.N1

V  
V

../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20110115\_123204-20110114\_130848.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20110115\_123204-20110114\_130848.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20110115\_123204-20110114\_130848.png  
../../RESULTS/DAILY/\_110115/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20110115\_123204-20110114\_130848.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES...

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\*\*\*\*\*

ALL ROWS Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-15\_1.dat...  
Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-15\_2.dat...  
Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...



Getting calibration pulses data for WVS IS2 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-15\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2011-01-15\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_4.png...

Analysing products GM1 SS3 H/H  
 Getting calibration pulses data for GM1 SS3 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-15\_1.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-15\_2.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-15\_3.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_110115/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2011-01-15\_4.dat...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_110115//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_110115/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110115/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2011-01-15.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_110115/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
 Writing file ./RESULTS/DAILY/\_110115/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2011-01-15.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_110115/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

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DOPPLER JUMPS Analysis will be performed on WSM products from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/DOPPLER/Doppler\_Jumps\_data\_WSM\_2011-01-15.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110115/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_110115/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

\*\*\*\*\*  
\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing products WVS IS2 V/V  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -72.833359 Hz  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -62.858861 Hz  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_asc.jpg...

\*\*\*\*\*  
Analysing products GM1 SS1 H/H  
Loading predicted doppler values....  
Phase: descending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -54.133167 Hz  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -55.947740 Hz  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_110115//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

\*\*\*\*\*  
DOPPLER ANALYSIS completed  
#####

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_110115/CHIRP...

\*\*\*\*\*

\*\*\*\*\*  
CHIRP Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2011-01-15.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2011-01-15.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_110115/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####  
Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110115/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_110115/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_WVS\_2011-01-15.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2011-01-15 00:00:00 to 2011-01-15 23:59:59...  
Writing file ./RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_IMM\_2011-01-15.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_110115/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2011-01-15 00:00:00 to 2011-01-15 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_110115/TELEMETRY

Creating directory ./RESULTS/DAILY/\_110115/TELEMETRY...

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

\*\*\*\*\*

Checking 25 products from PDE...



Checking 22 products from PDK...

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

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Checking 31 products from PDE...

Checking 44 products from PDK...

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

\*\*\*\*\*

Checking 2 products from PDE...

No products from PDK...

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

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Checking 4 products from PDE...

Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 33 products from PDE...

Checking 14 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_110115/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_110115/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_110115/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_1PNPDE20110115_071628_000000933098_00279_46414_2020.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20110115_135702_000000433098_00283_46418_2091.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_1PNPDE20110115_000442_000007853098_00275_46410_1941.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_003405_000001143098_00275_46410_1940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_003654_000003503098_00275_46410_1938.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_005201_000004833098_00275_46410_1943.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_005201_000004833098_00275_46410_1944.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_011648_000003923098_00275_46410_1959.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_013743_000001083098_00276_46411_1961.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_014631_000009673098_00276_46411_1963.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_021311_000001813098_00276_46411_1964.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_023213_000007793098_00276_46411_1966.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_025159_000001323098_00276_46411_1965.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_025418_000003923098_00276_46411_1970.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_030227_000002593098_00276_46411_1973.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_031232_000006773098_00277_46412_1972.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_032528_000009493098_00277_46412_1977.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_034555_000001813098_00277_46412_1975.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_041227_000003263098_00277_46412_1994.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_044814_000020423098_00278_46413_1995.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_052559_000001383098_00278_46413_2006.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_055243_000003563098_00278_46413_2015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_064039_000012023098_00279_46414_2016.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_070220_000008463098_00279_46414_2017.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_071823_000003443098_00279_46414_2025.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_200946_000003863098_00287_46422_2108.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_205446_000005313098_00287_46422_2110.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_211626_000011603098_00287_46422_2133.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_215154_000003983098_00288_46423_2135.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_223503_000004833098_00288_46423_2138.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_230824_000002653098_00289_46424_2161.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_233309_000005553098_00289_46424_2164.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20110115_235731_000005073098_00289_46424_2166.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_073255_000007793098_00279_46414_8590.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_082036_000006893098_00280_46415_8591.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_083057_000001083098_00280_46415_8619.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_085024_000003923098_00280_46415_8620.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_091309_000007793098_00280_46415_8622.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_100146_000005553098_00281_46416_8624.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_102528_000004773098_00281_46416_8647.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_105324_000004653098_00281_46416_8649.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_114123_000006223098_00282_46417_8651.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_121613_000003443098_00282_46417_8676.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_123336_000004163098_00282_46417_8679.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_124441_000001083098_00282_46417_8681.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_125409_000000843098_00282_46417_8680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_125544_000005373098_00282_46417_8683.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_131452_000009553098_00283_46418_8685.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_132942_000000903098_00283_46418_8706.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_133253_000002833098_00283_46418_8707.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_135259_000002413098_00283_46418_8708.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_135804_000003923098_00283_46418_8709.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_140441_000002593098_00283_46418_8710.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_141350_000004283098_00283_46418_8713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_143532_000002353098_00283_46418_8715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_144230_000002113098_00283_46418_8716.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_145239_000009613098_00284_46419_8718.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_145239_000009613098_00284_46419_8719.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_150753_000001873098_00284_46419_8741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_151240_000000783098_00284_46419_8742.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_152048_000001023098_00284_46419_8743.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_153122_000000903098_00284_46419_8745.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_155405_000005673098_00284_46419_8747.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_163017_000010453098_00285_46420_8748.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_164657_000002653098_00285_46420_8770.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_165435_000001143098_00285_46420_8769.N1					OK	OK	OK	OK



ASA_GM1_1PNPDK20110115_170027_000001383098_00285_46420_8771.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_170650_000001753098_00285_46420_8772.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_173421_000005863098_00285_46420_8774.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_181224_000003143098_00286_46421_8775.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_181914_000002593098_00286_46421_8777.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_182222_000001993098_00286_46421_8786.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_182941_000006283098_00286_46421_8787.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_191433_000006103098_00286_46421_8790.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_193835_000000963098_00286_46421_8789.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_194131_000007853098_00286_46421_8791.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20110115_195826_000000783098_00287_46422_8793.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_1PNPDE20110115_034114_000002723098_00277_46412_1957.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110115_052217_000002143098_00278_46413_1991.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110115_084146_000005113098_00280_46415_2031.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20110115_181119_000000543098_00286_46421_2099.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20110115_115714_000001123098_00282_46417_8660.N1	OK	OK	OK	OK

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

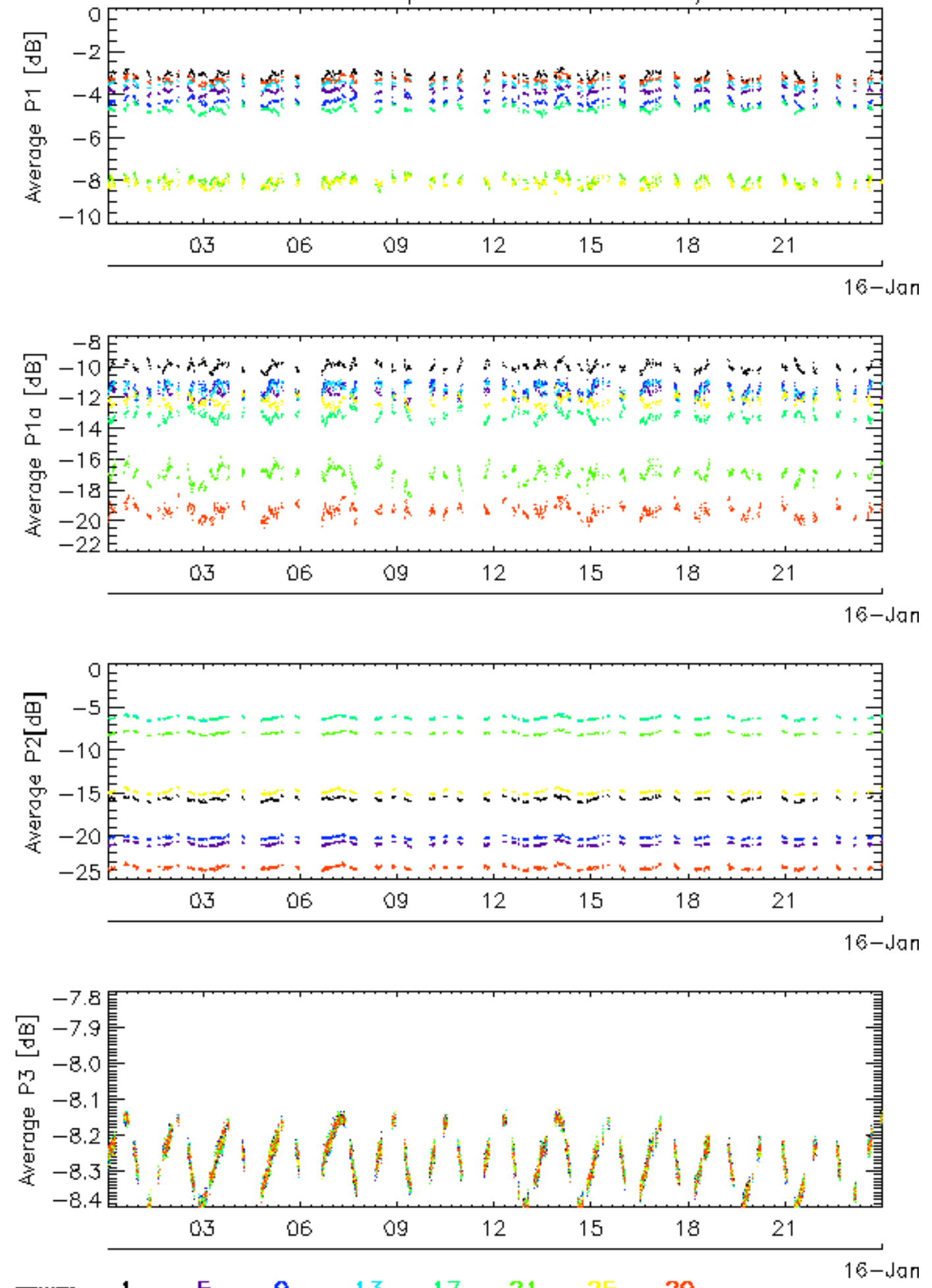
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20110115_010009_000004163098_00275_46410_1936.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_013938_000004103098_00276_46411_1960.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_030055_000000923098_00276_46411_1968.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_040812_000000923098_00277_46412_1985.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_041755_000005143098_00277_46412_1990.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_054625_000002143098_00278_46413_2002.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_055843_000003923098_00278_46413_2010.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_063641_000002323098_00279_46414_2012.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_070045_000000923098_00279_46414_2011.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_072740_000001533098_00279_46414_2029.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_101807_000003063098_00281_46416_2044.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_110110_000002753098_00281_46416_2079.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_120012_000004103098_00282_46417_2080.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_133742_000001223098_00283_46418_2092.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_142100_000001533098_00283_46418_2090.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_142412_000002143098_00283_46418_2093.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_151404_000001533098_00284_46419_2095.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_160334_000002513098_00284_46419_2089.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_165125_000001843098_00285_46420_2098.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_174408_000002513098_00285_46420_2096.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_174835_000003003098_00285_46420_2097.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_181742_000000923098_00286_46421_2100.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_184025_000002883098_00286_46421_2107.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_192449_000002143098_00286_46421_2102.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_192945_000002453098_00286_46421_2104.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_201618_000002323098_00287_46422_2116.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_210343_000002693098_00287_46422_2111.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_210931_000002753098_00287_46422_2118.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_214520_000003923098_00288_46423_2136.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_224309_000002813098_00288_46423_2132.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_231251_000002693098_00289_46424_2157.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20110115_232854_000002513098_00289_46424_2158.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_083251_000001533098_00280_46415_8600.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_083622_000002813098_00280_46415_8601.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_101107_000002513098_00281_46416_8631.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_101525_000003733098_00281_46416_8632.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_115150_000002753098_00282_46417_8659.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_124035_000002393098_00282_46417_8686.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_133119_000000923098_00283_46418_8687.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_151104_000000923098_00284_46419_8725.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_182544_000002323098_00286_46421_8784.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_195951_000003923098_00287_46422_8810.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_200714_000001533098_00287_46422_8811.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_214007_000002513098_00288_46423_8825.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_214534_000002453098_00288_46423_8826.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20110115_232338_000002393098_00289_46424_8838.N1					OK	OK	OK	OK



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

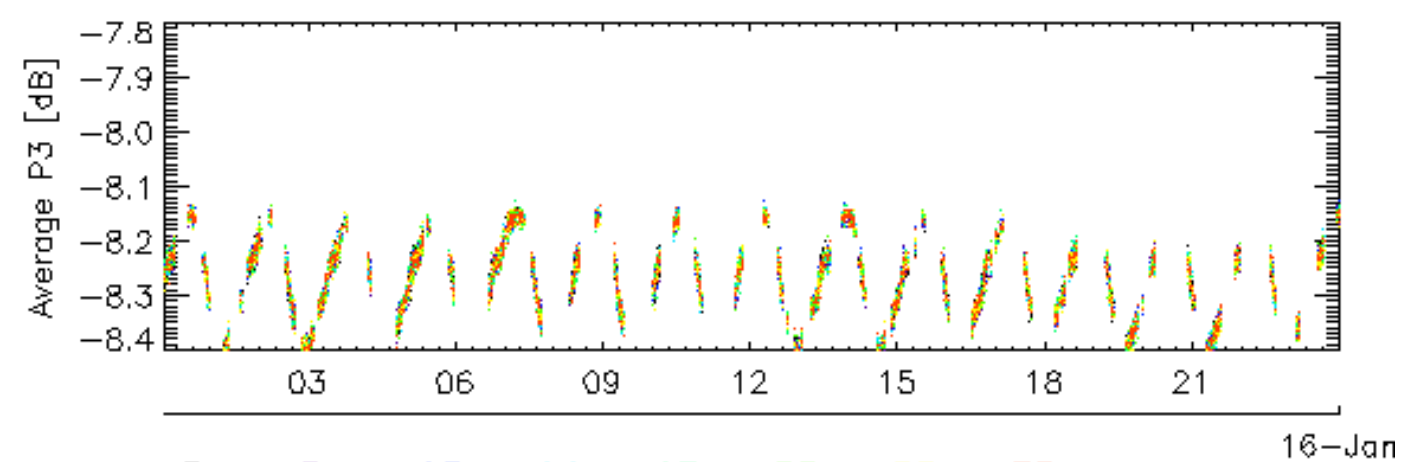
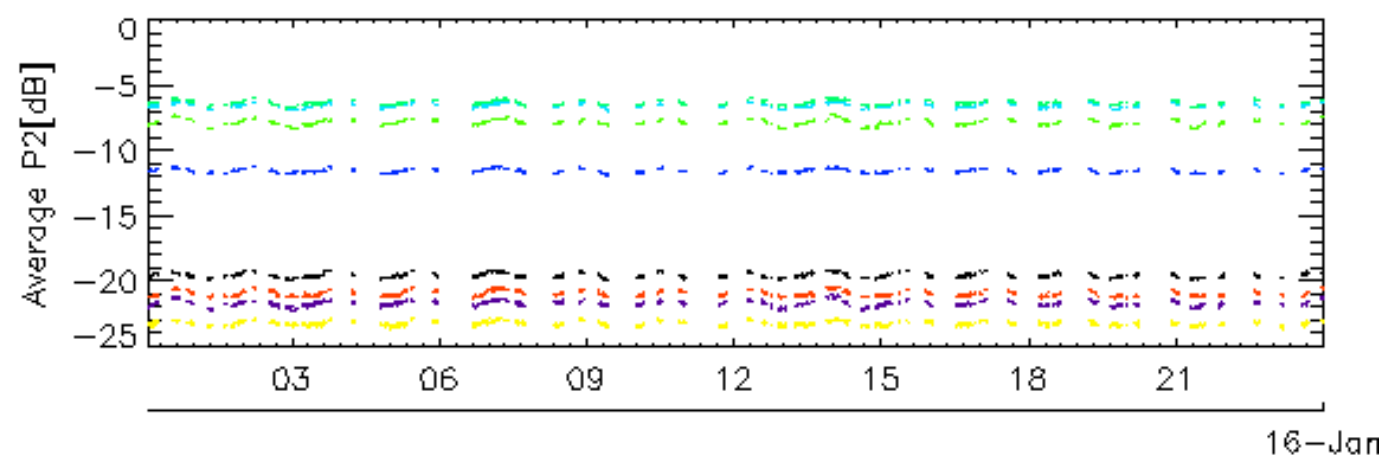
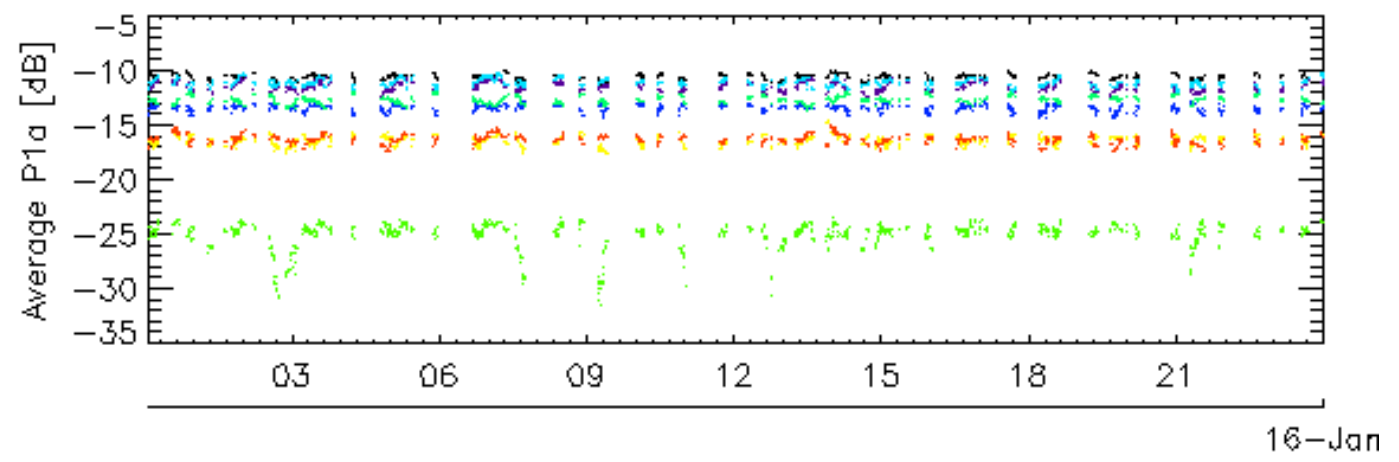
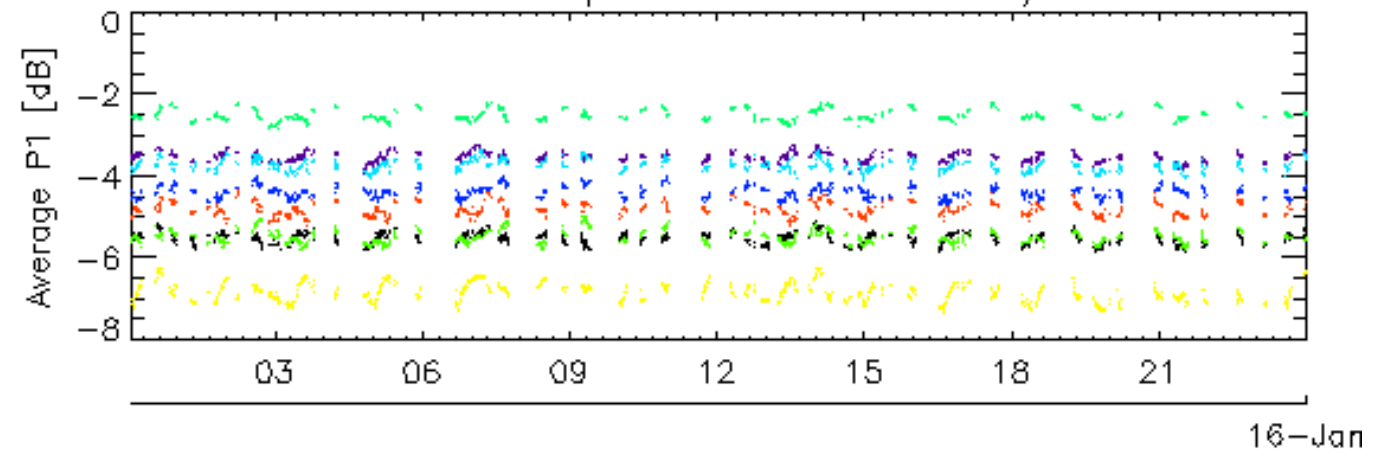
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20110115_001751_000009293098_00275_46410_1939.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_004246_000005103098_00275_46410_1942.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_010702_000003443098_00275_46410_1945.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_011147_000002543098_00275_46410_1958.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_012325_000008093098_00275_46410_1962.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_021615_000009153098_00276_46411_1967.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_024513_000003603098_00276_46411_1971.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_030649_000002993098_00277_46412_1976.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_034900_000007793098_00277_46412_1974.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_040145_000002703098_00277_46412_1992.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_040942_000001203098_00277_46412_1993.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_042628_000012593098_00277_46412_1997.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_052822_000010193098_00278_46413_2007.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_054507_00000303098_00278_46413_2013.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_054956_000001203098_00278_46413_2014.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_060532_000018293098_00278_46413_2018.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_072407_000001653098_00279_46414_2026.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_202008_000020393098_00287_46422_2109.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_211405_000009003098_00287_46422_2134.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_215832_000021443098_00288_46423_2137.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_224753_000004493098_00288_46423_2143.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_225438_000007793098_00288_46423_2163.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_231721_000000443098_00289_46424_2162.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_232019_000001503098_00289_46424_2160.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20110115_234228_000008543098_00289_46424_2165.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_072652_000000003098_00279_46414_8588.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_073010_000001203098_00279_46414_8589.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_074555_000020393098_00279_46414_8592.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_085658_000009303098_00280_46415_8621.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_092609_000020993098_00280_46415_8623.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_103327_000010643098_00281_46416_8648.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_110614_000020693098_00281_46416_8650.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_120659_000005093098_00282_46417_8674.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_122203_000005553098_00282_46417_8678.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_124637_000004053098_00282_46417_8682.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_130445_000005693098_00282_46417_8684.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20110115_133946_000007493098_00283_46418_8711.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H



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

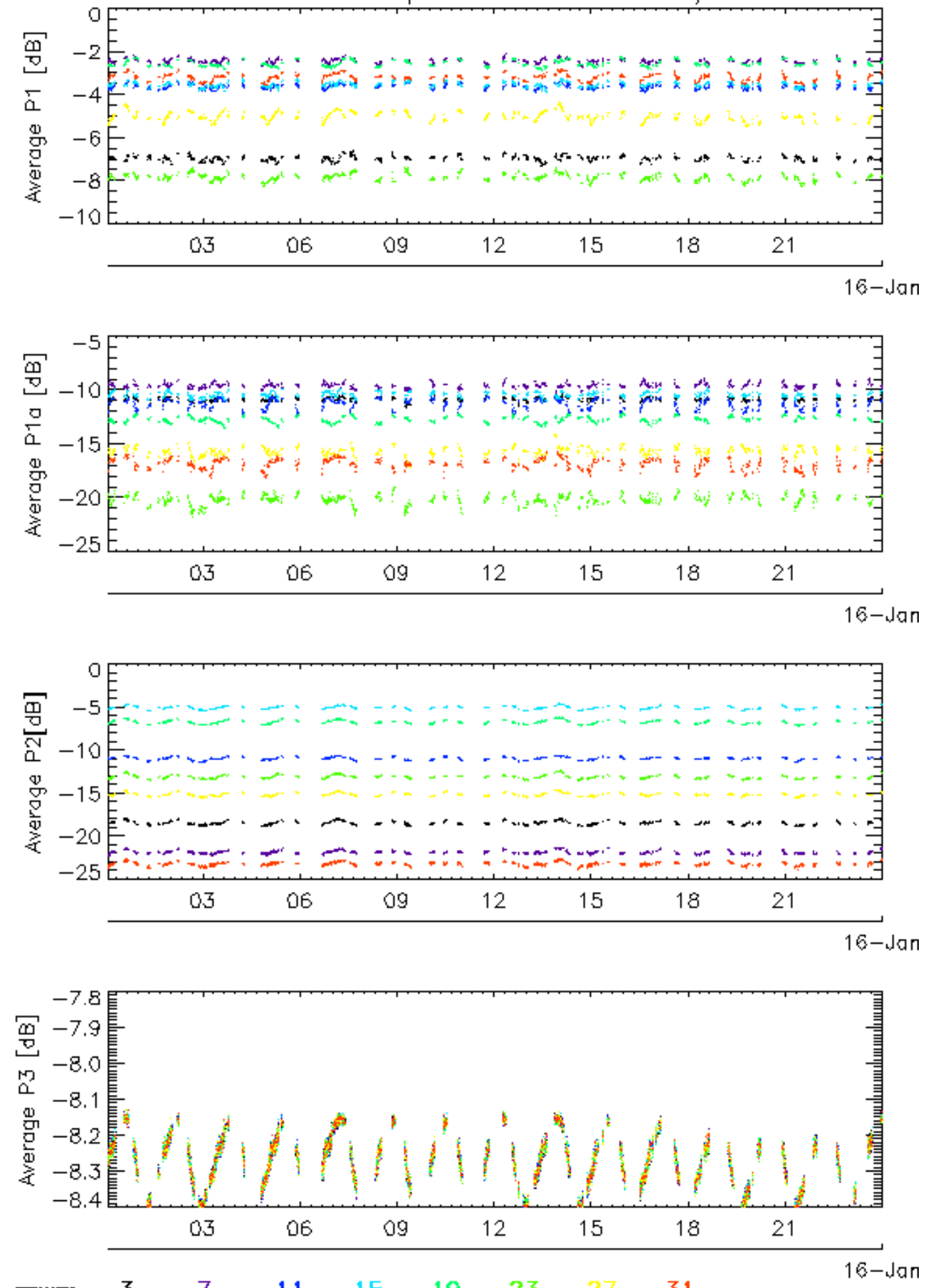
Calibration pulses for GM1 SS3 H/H



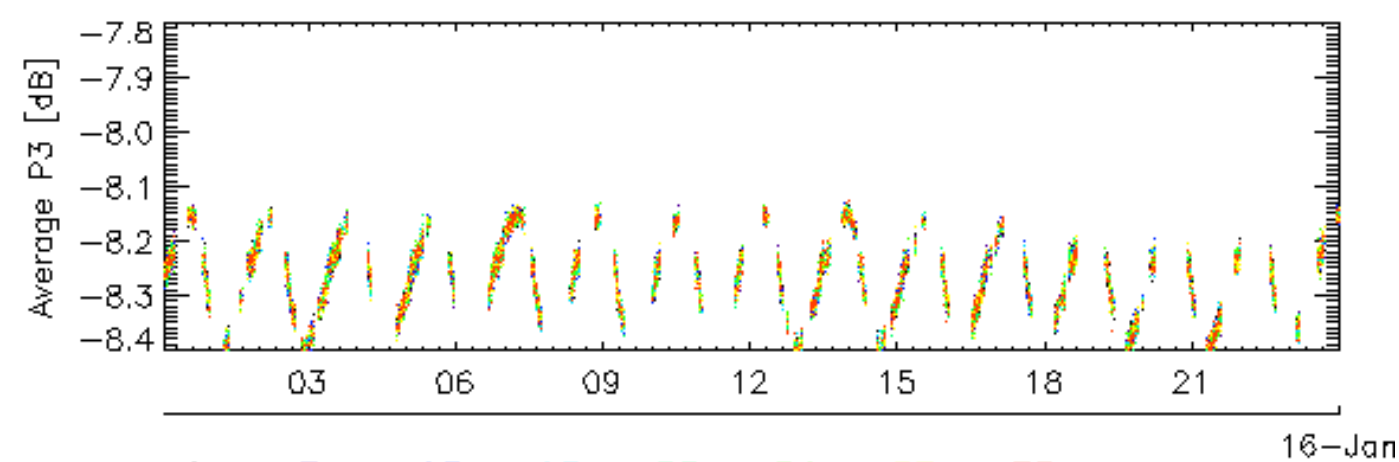
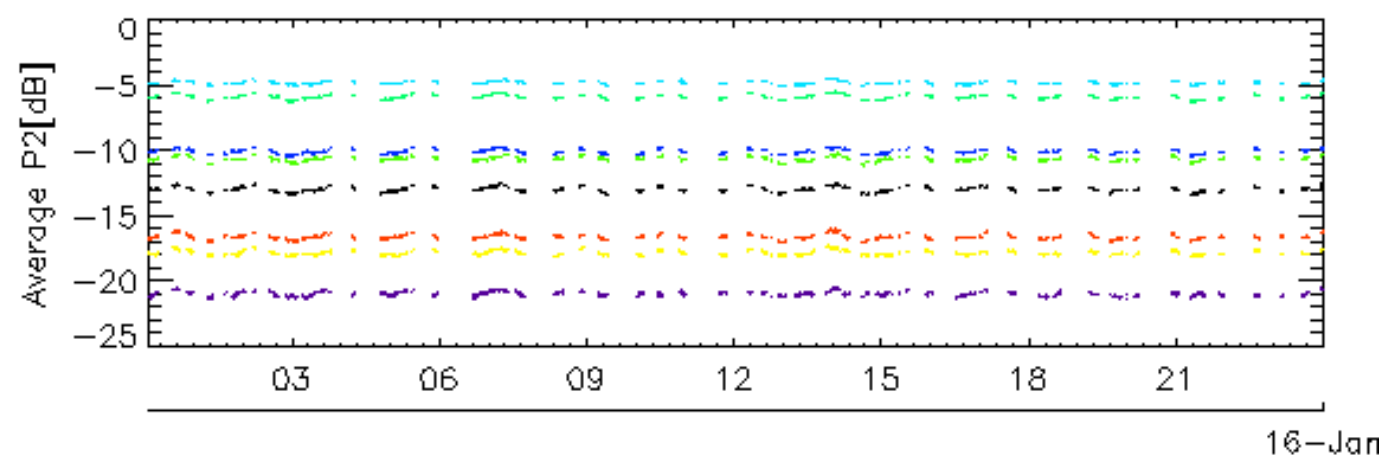
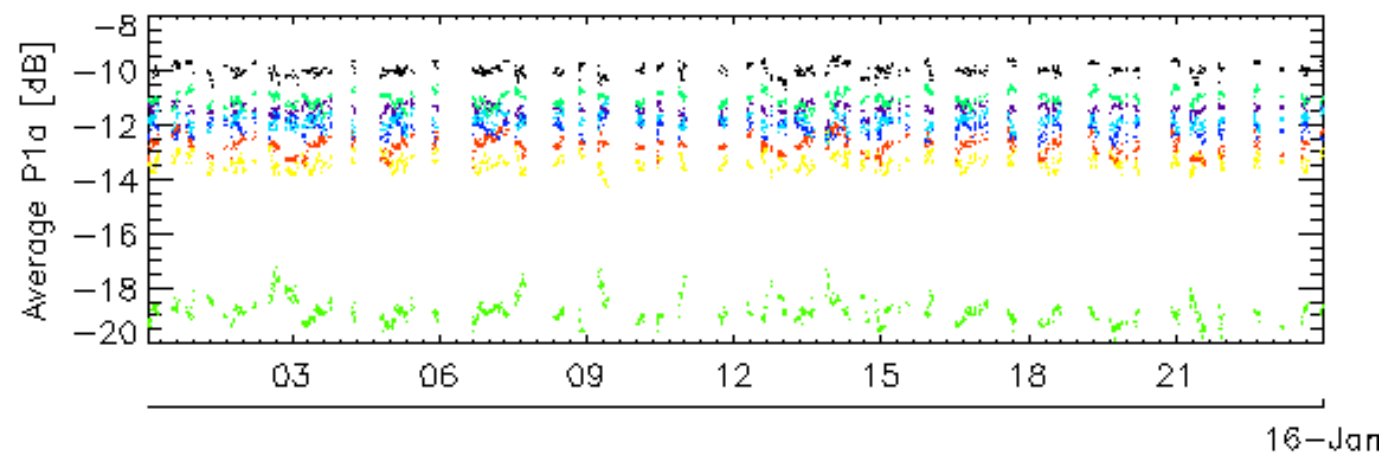
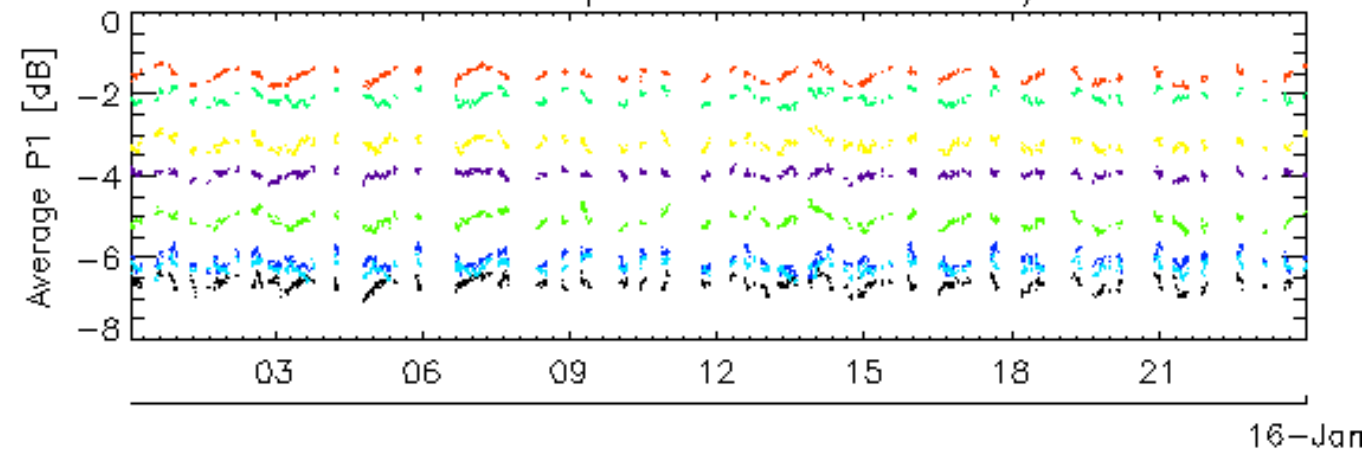
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Calibration pulses for GM1 SS3 H/H

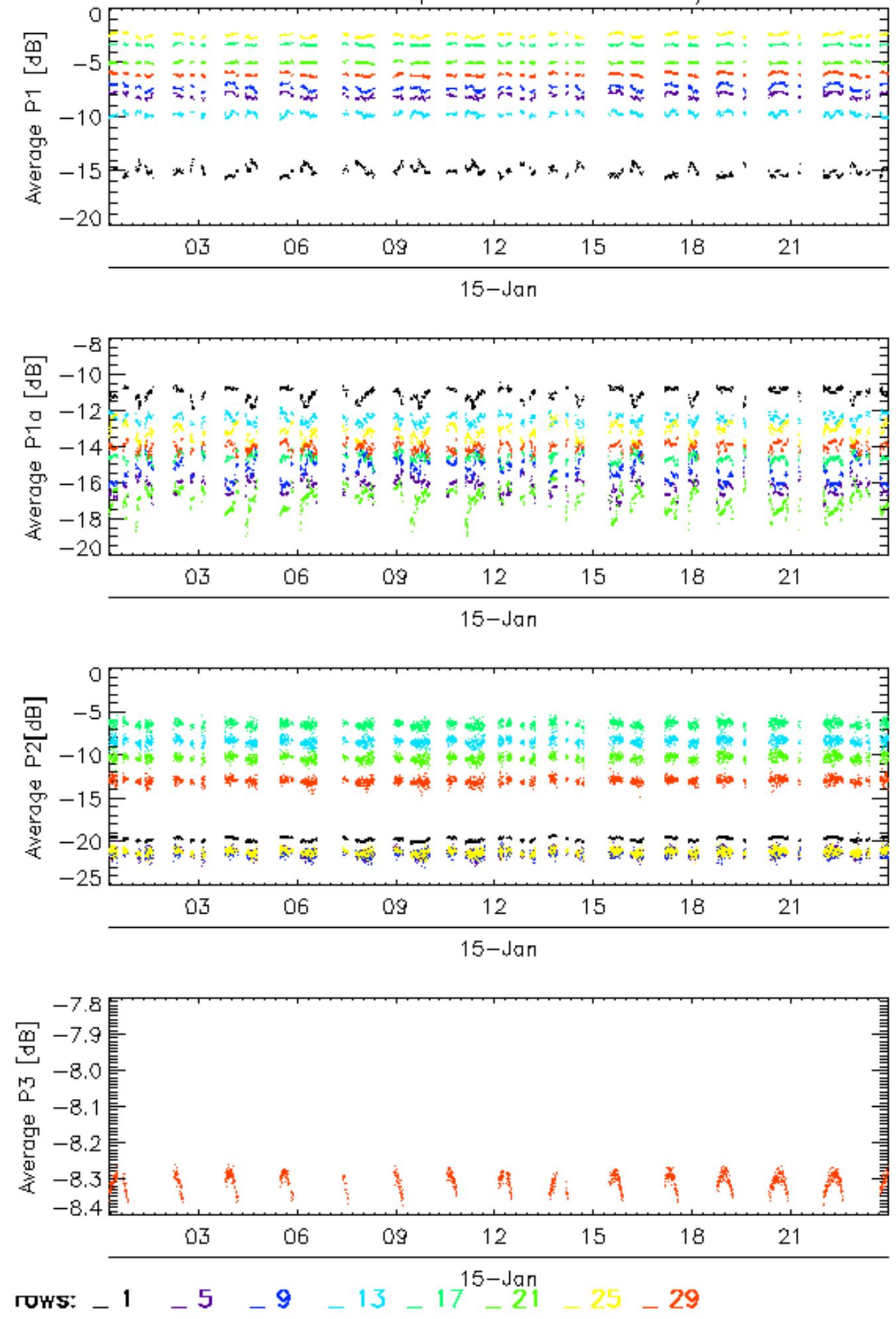


Calibration pulses for GM1 SS3 H/H



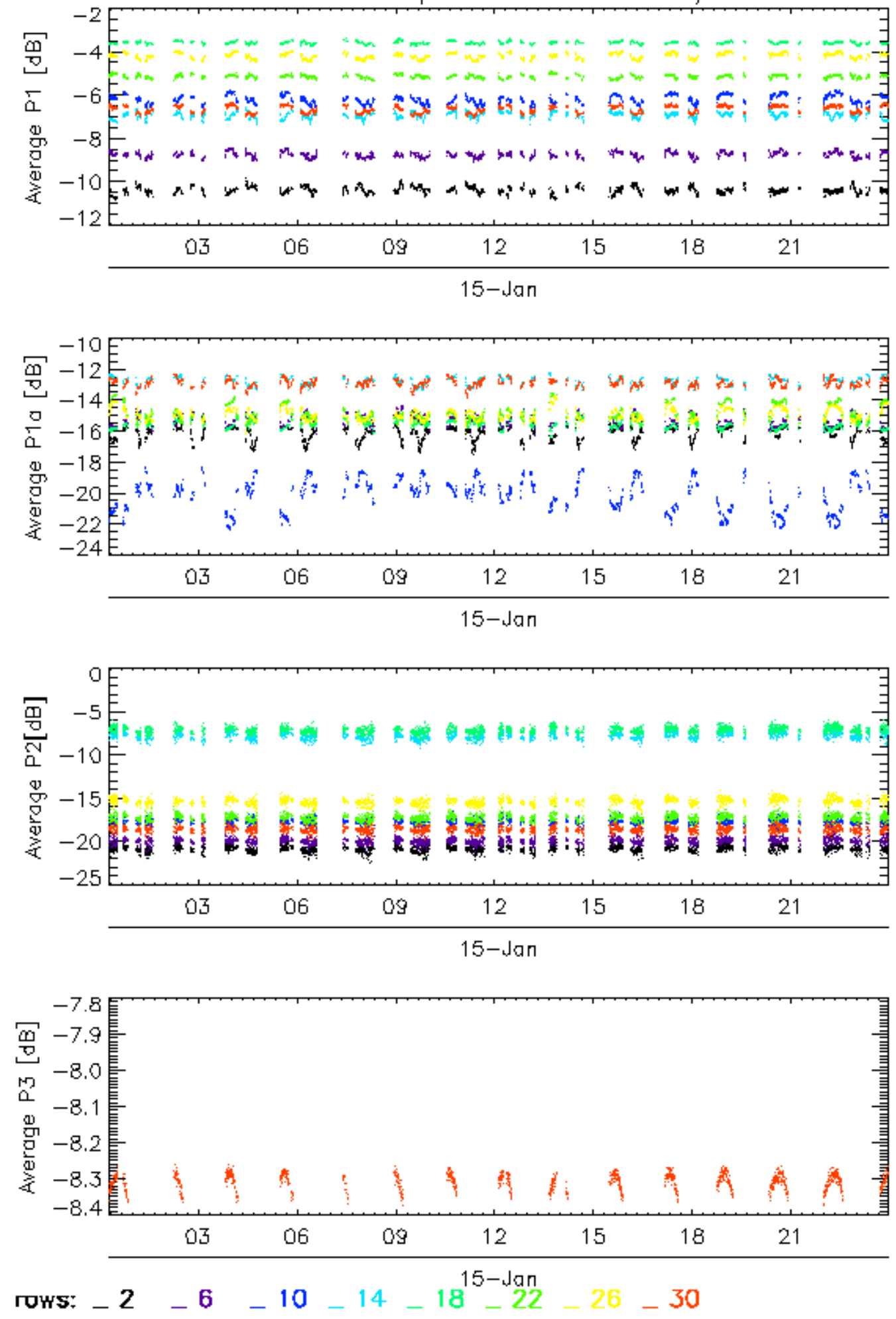
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Calibration pulses for WVS IS2 V/V

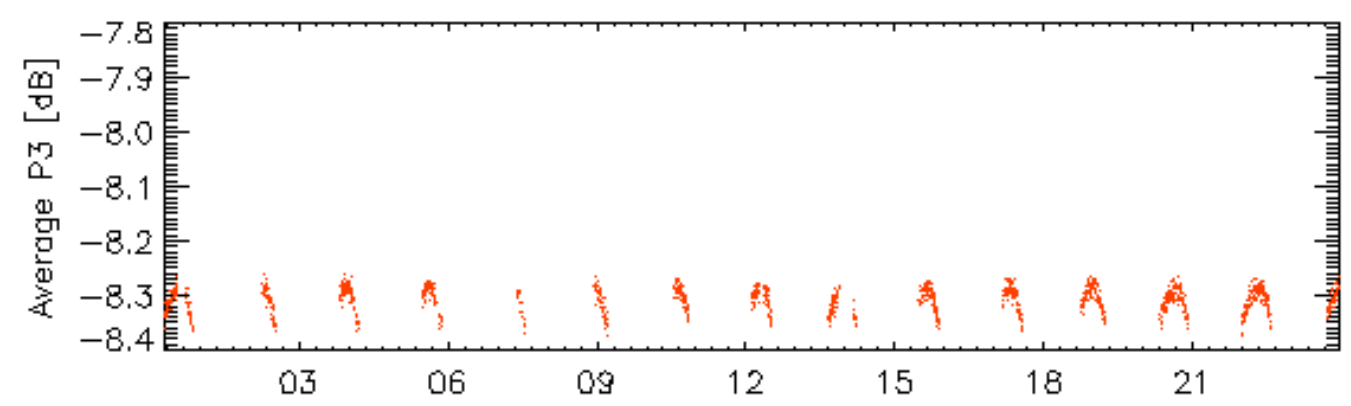
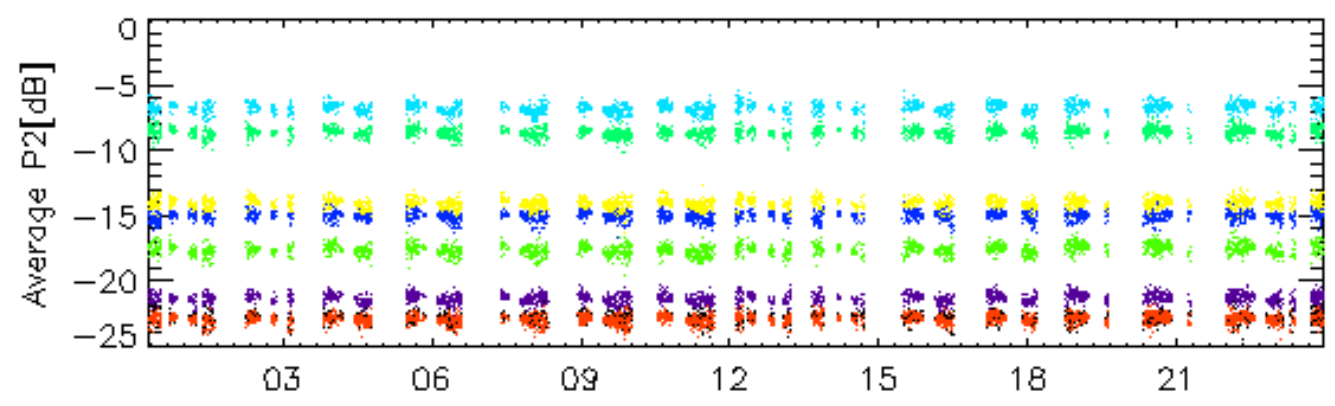
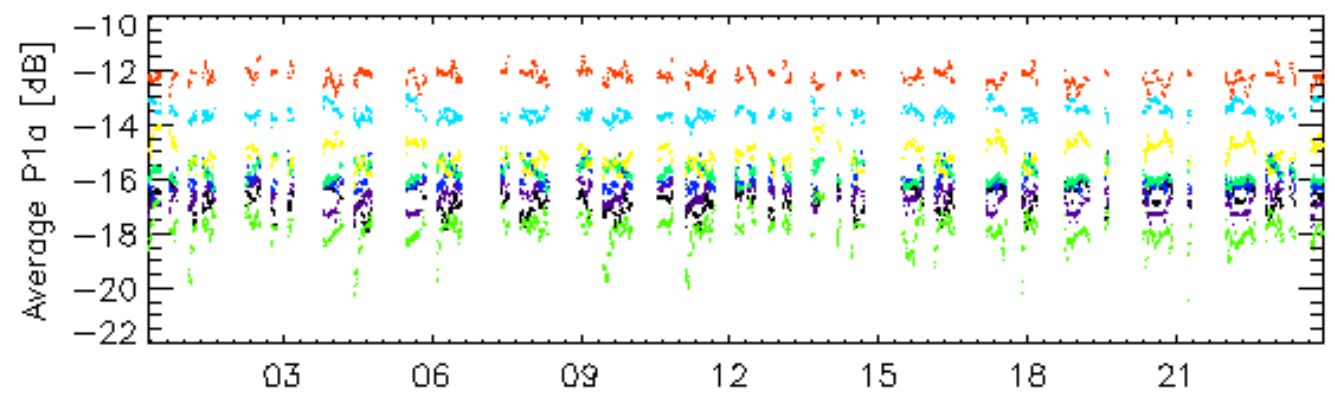
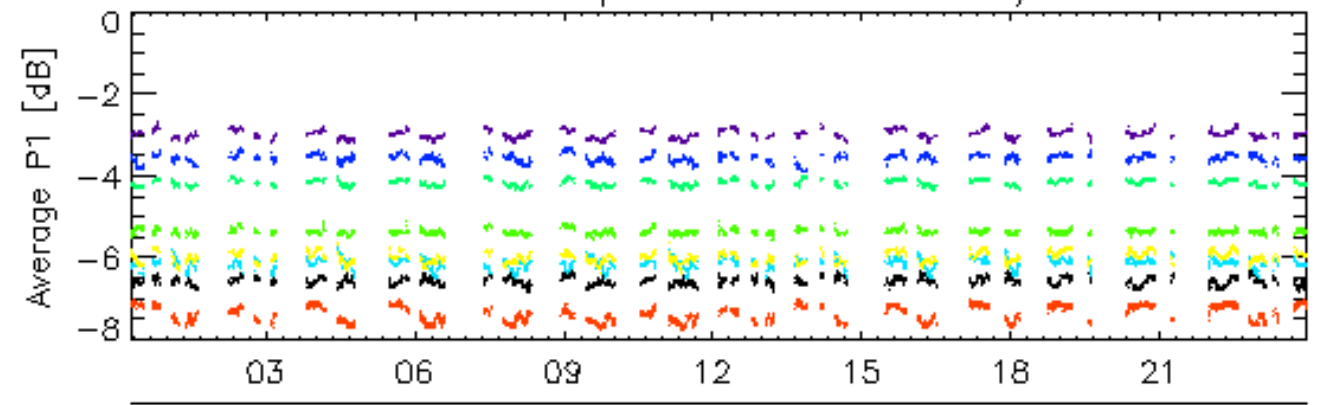




### Calibration pulses for WVS IS2 V/V

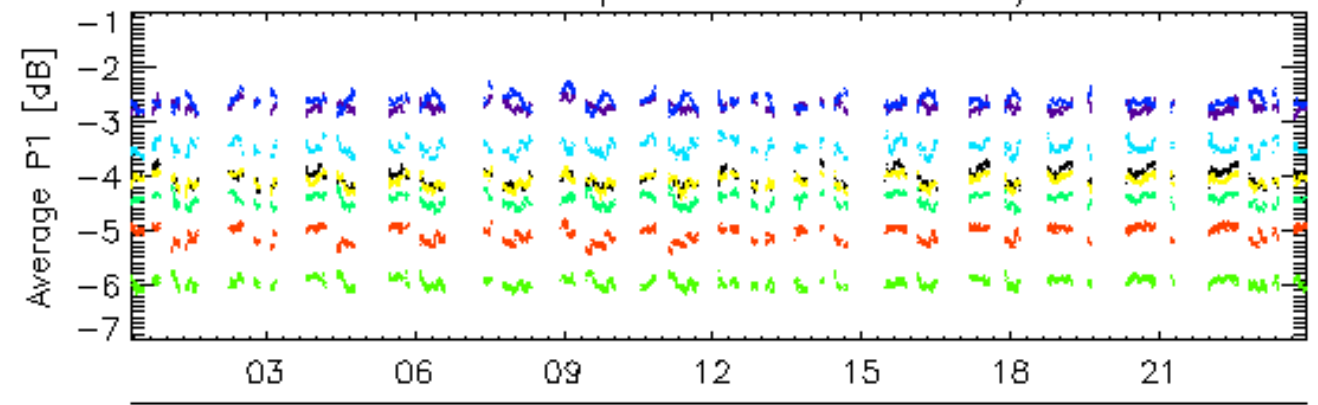


### Calibration pulses for WVS IS2 V/V

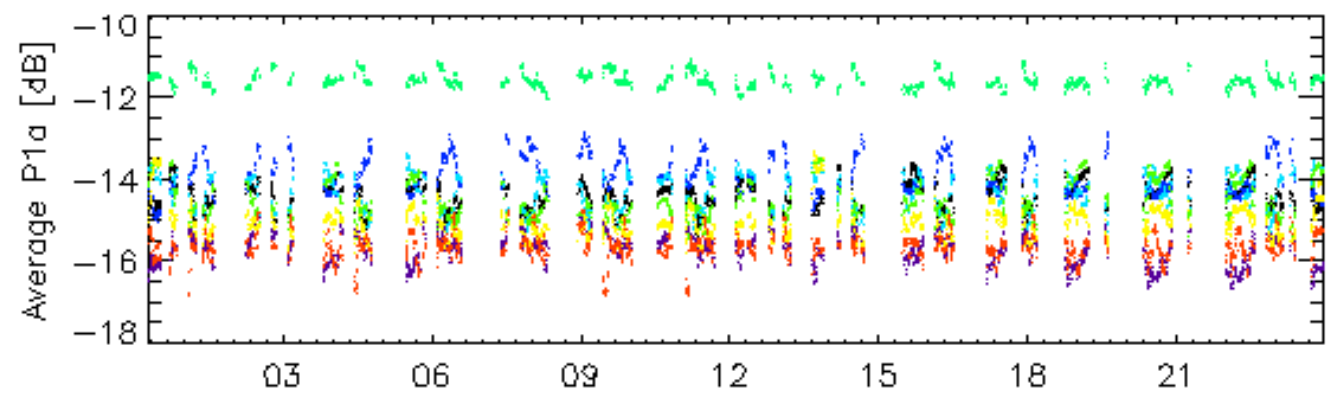


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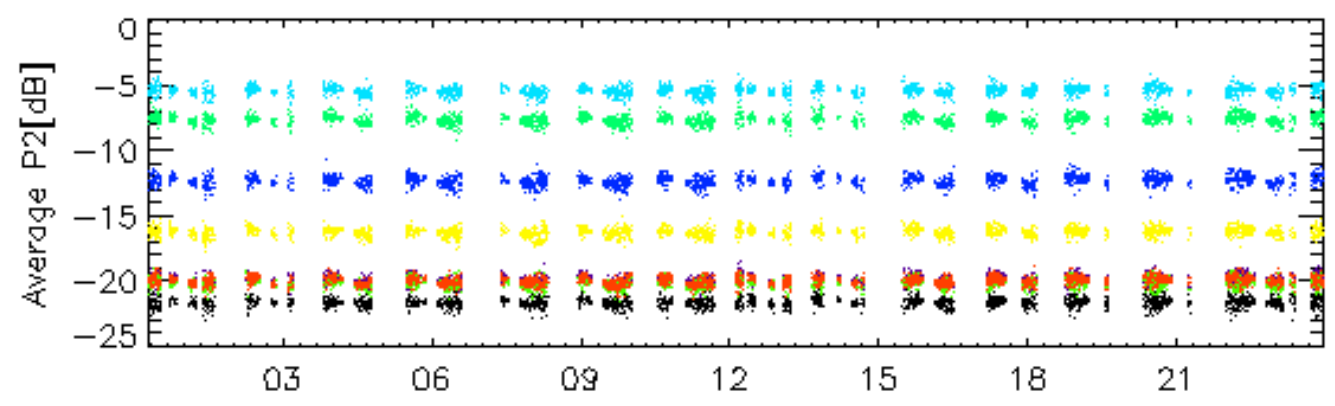
### Calibration pulses for WVS IS2 V/V



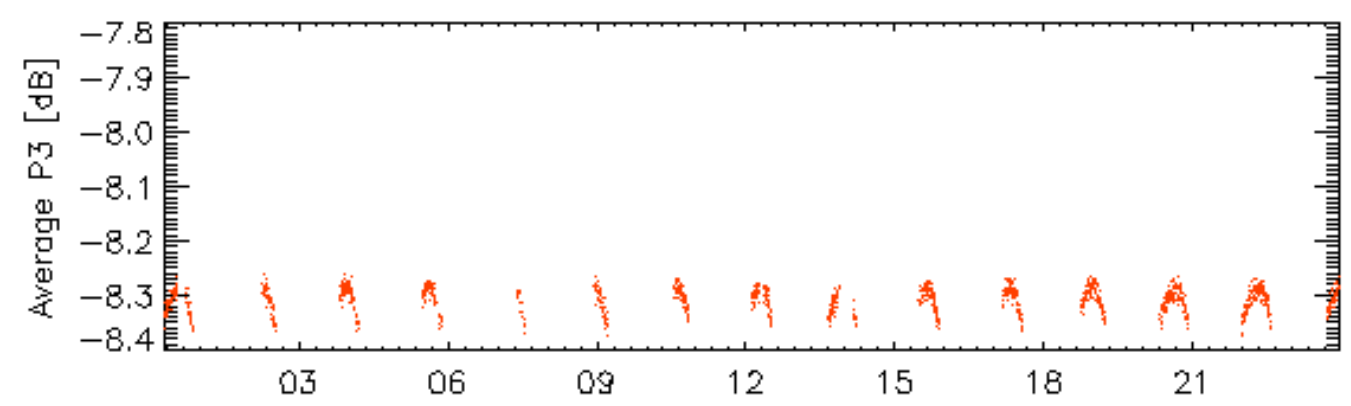
15-Jan



15-Jan



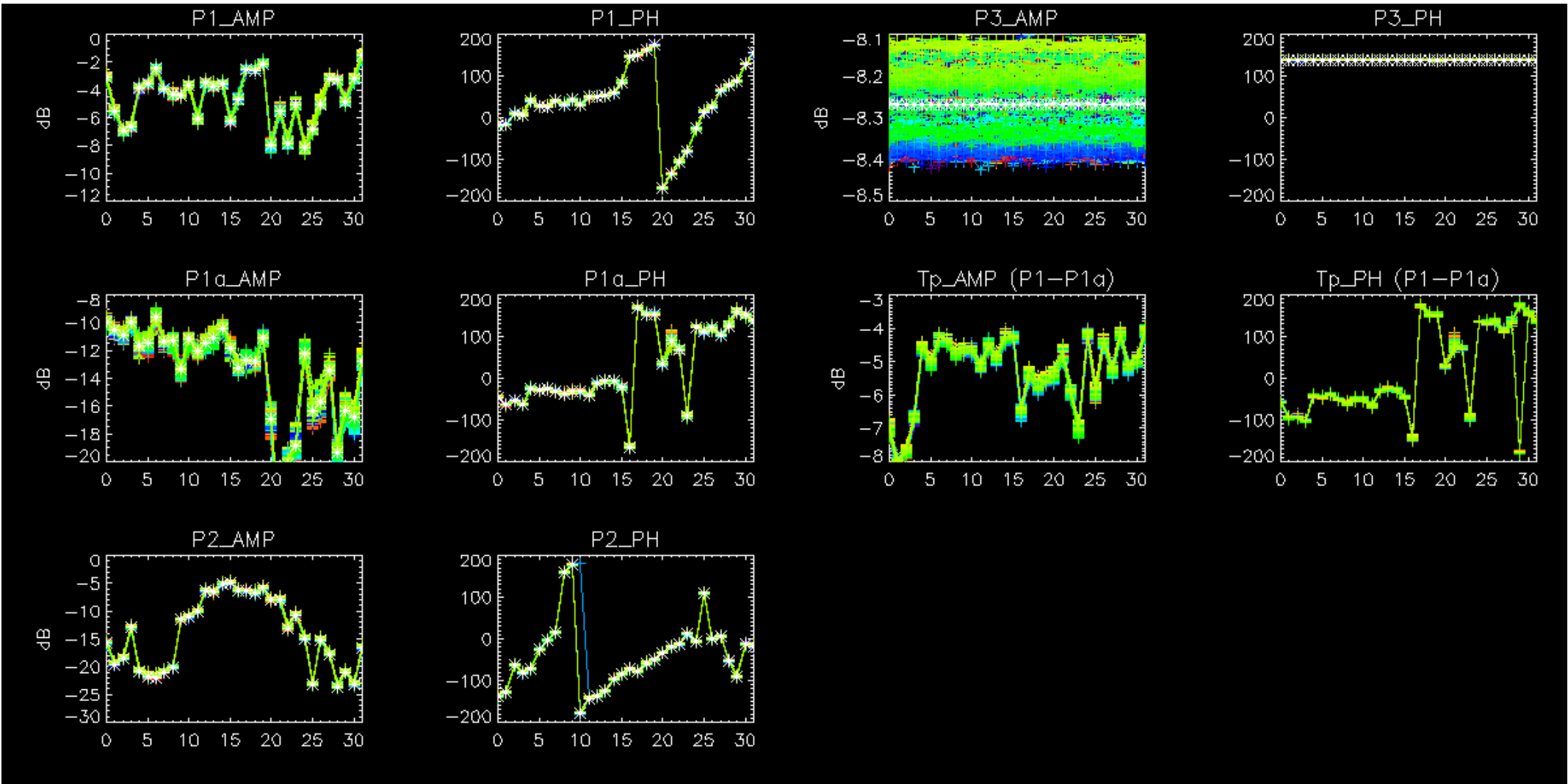
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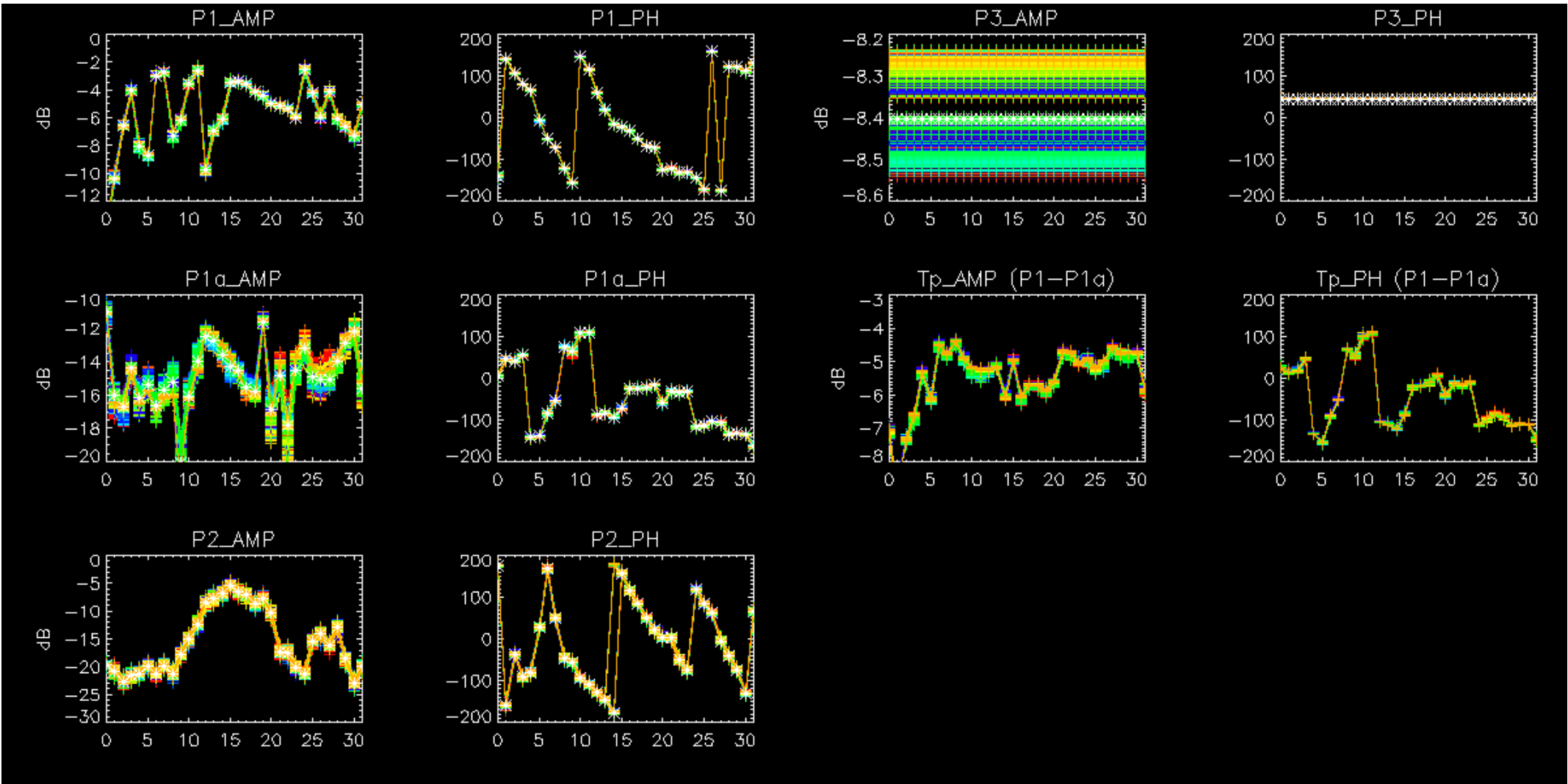


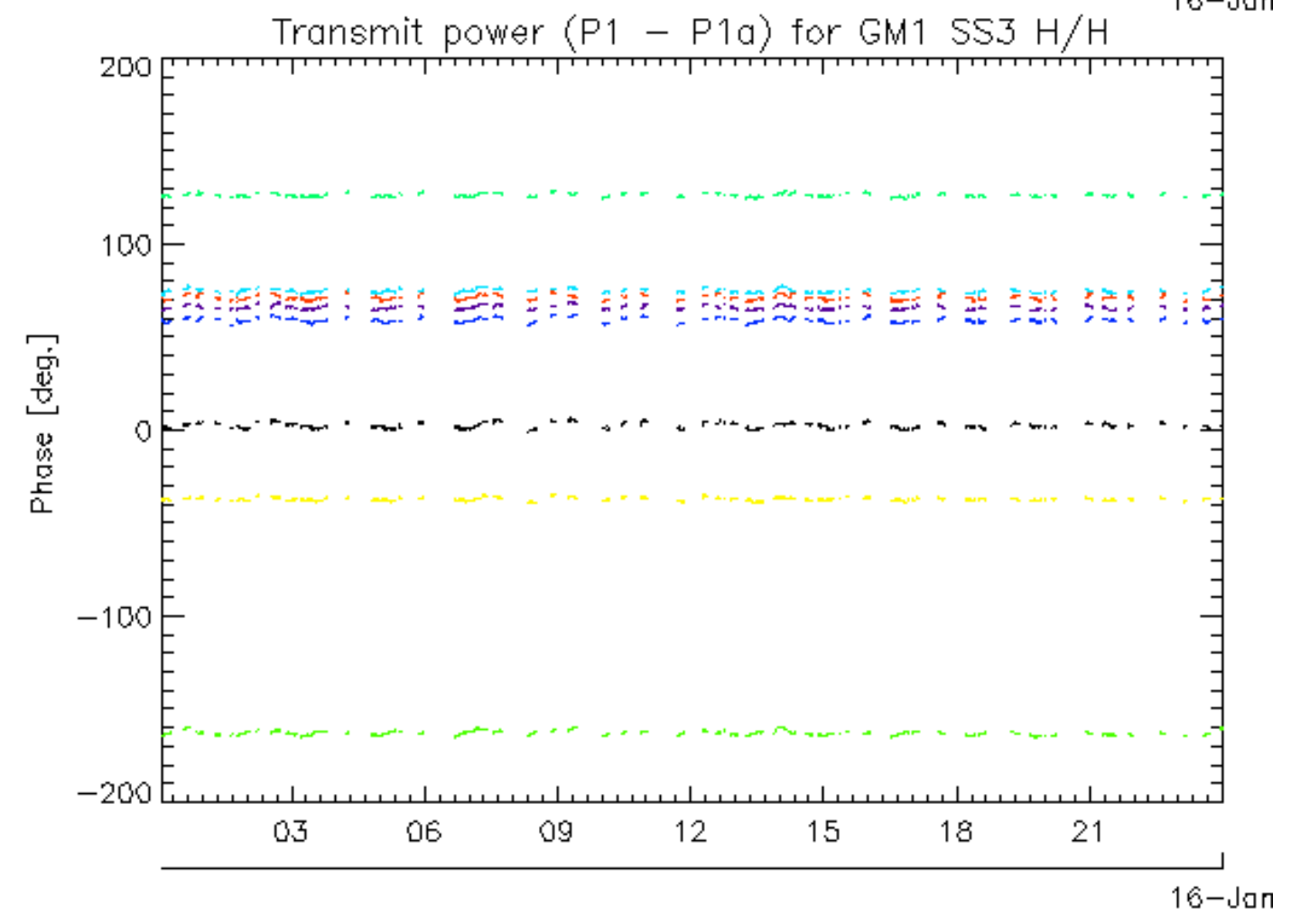
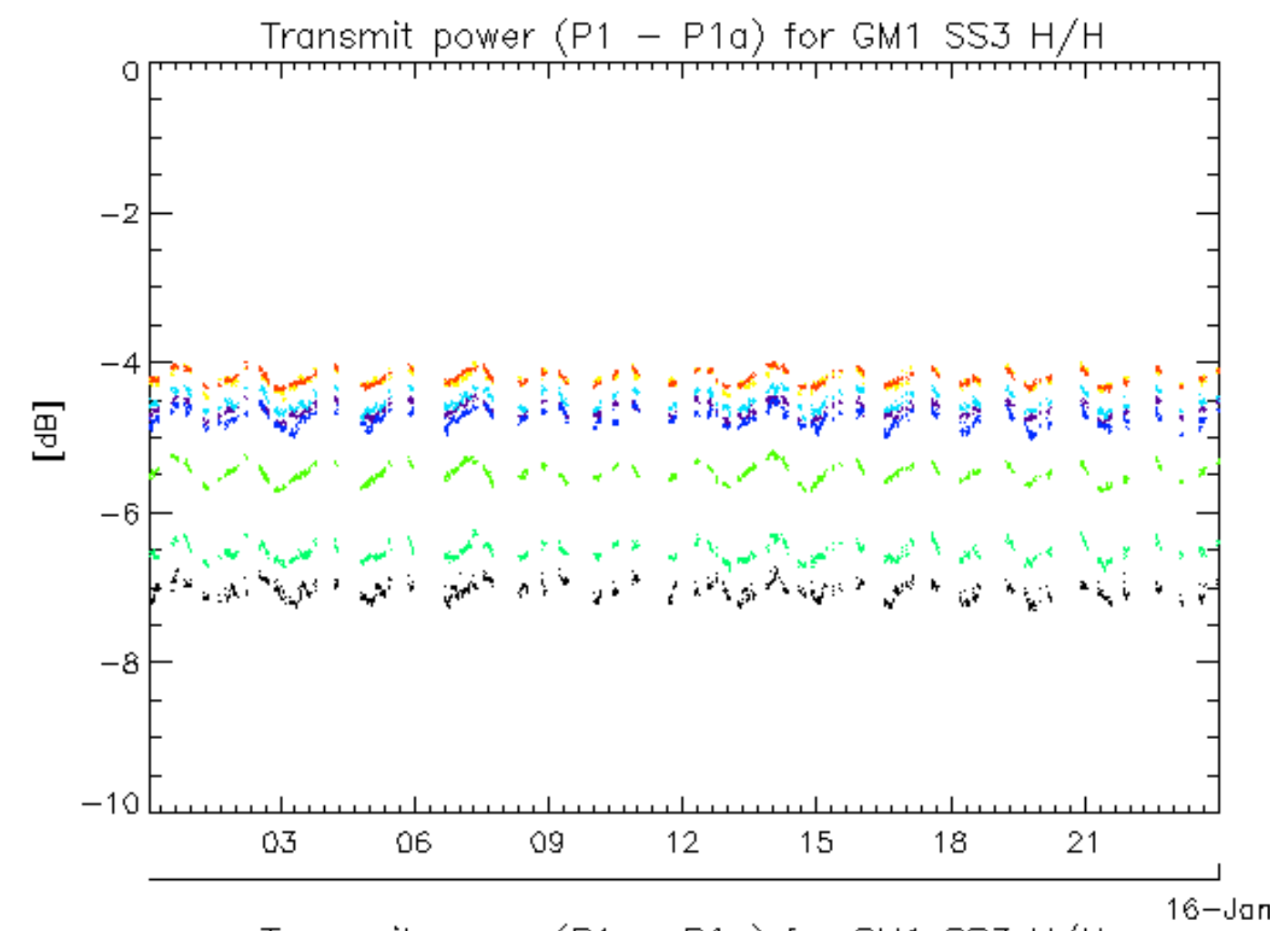
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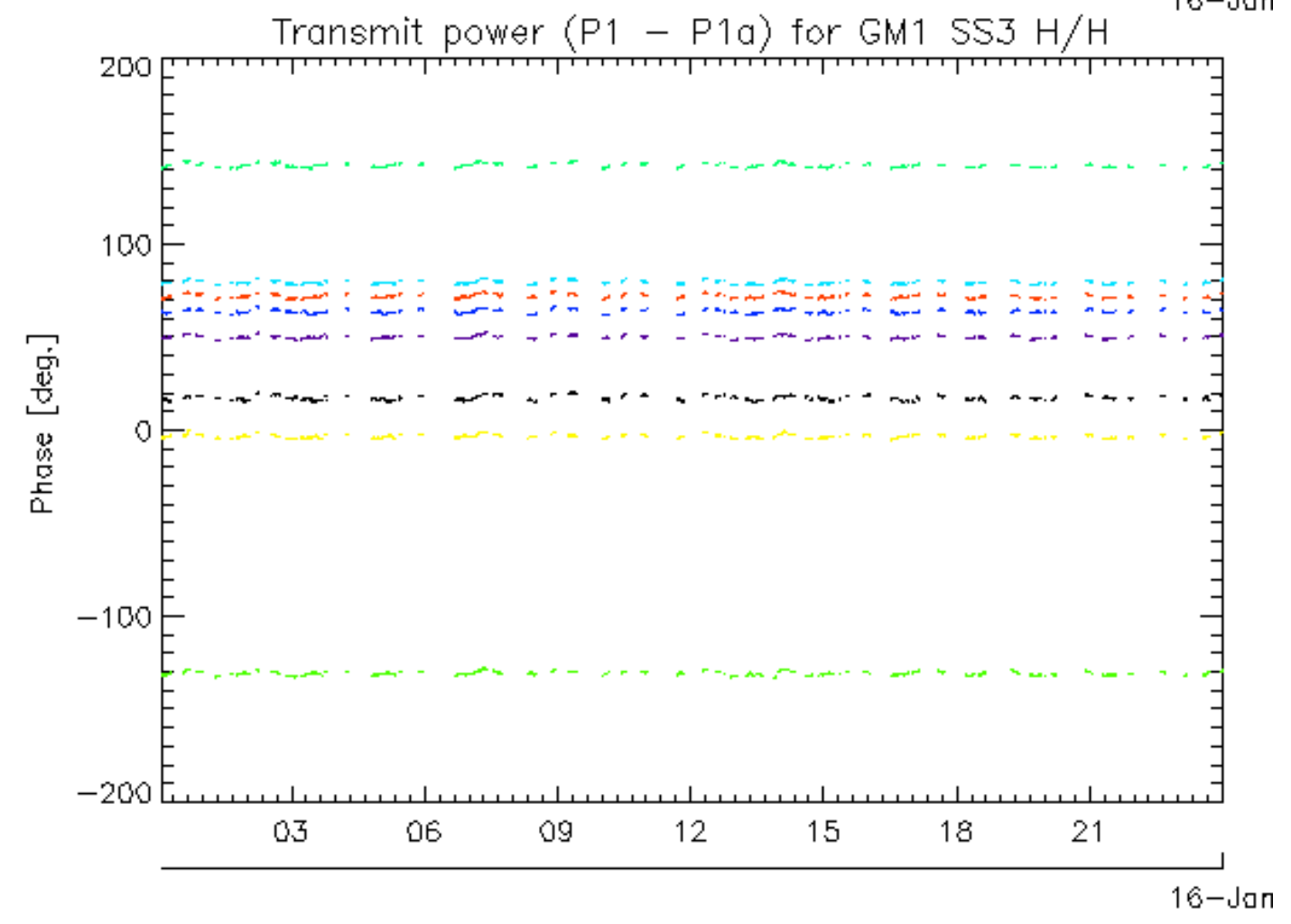
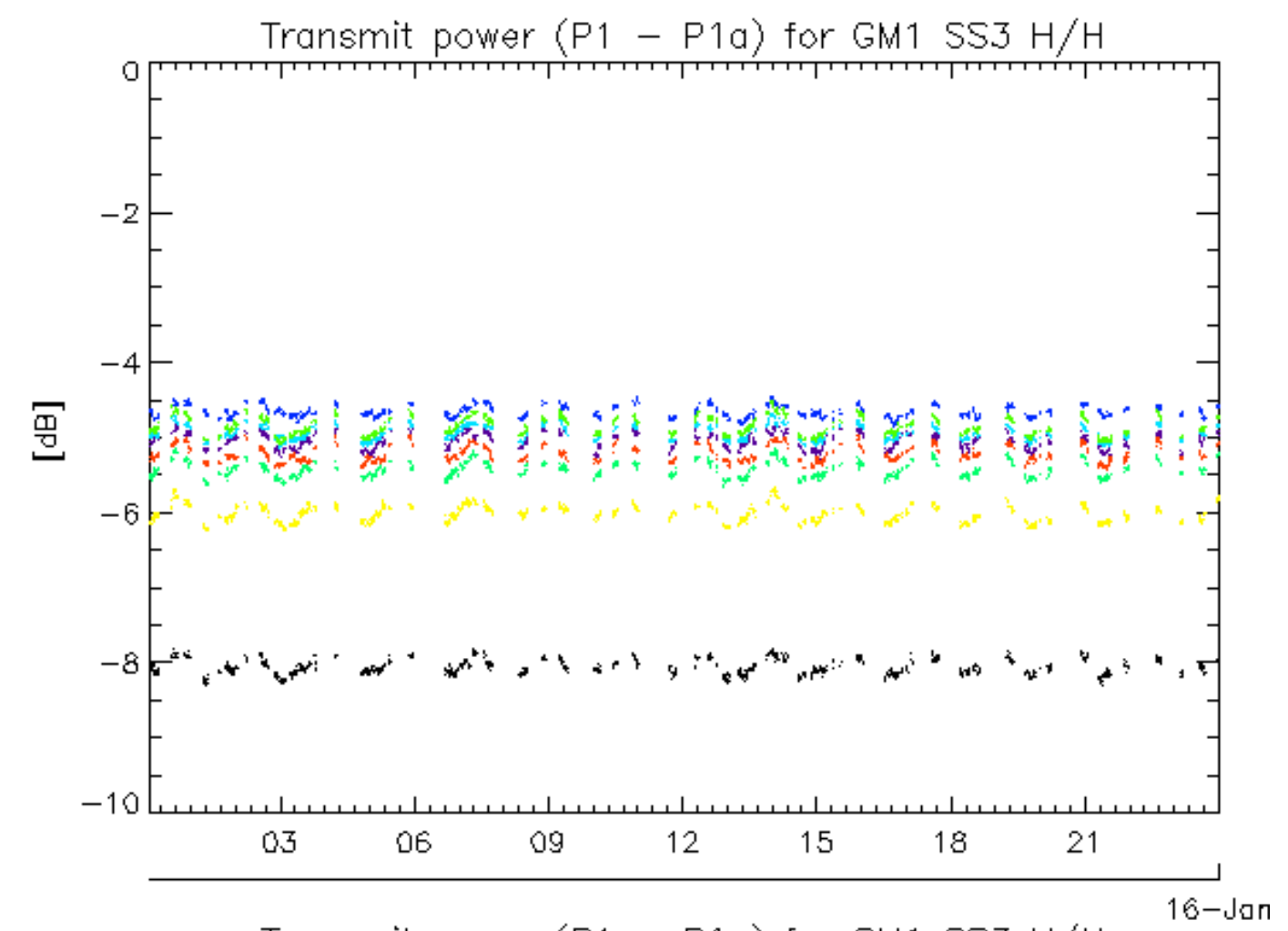




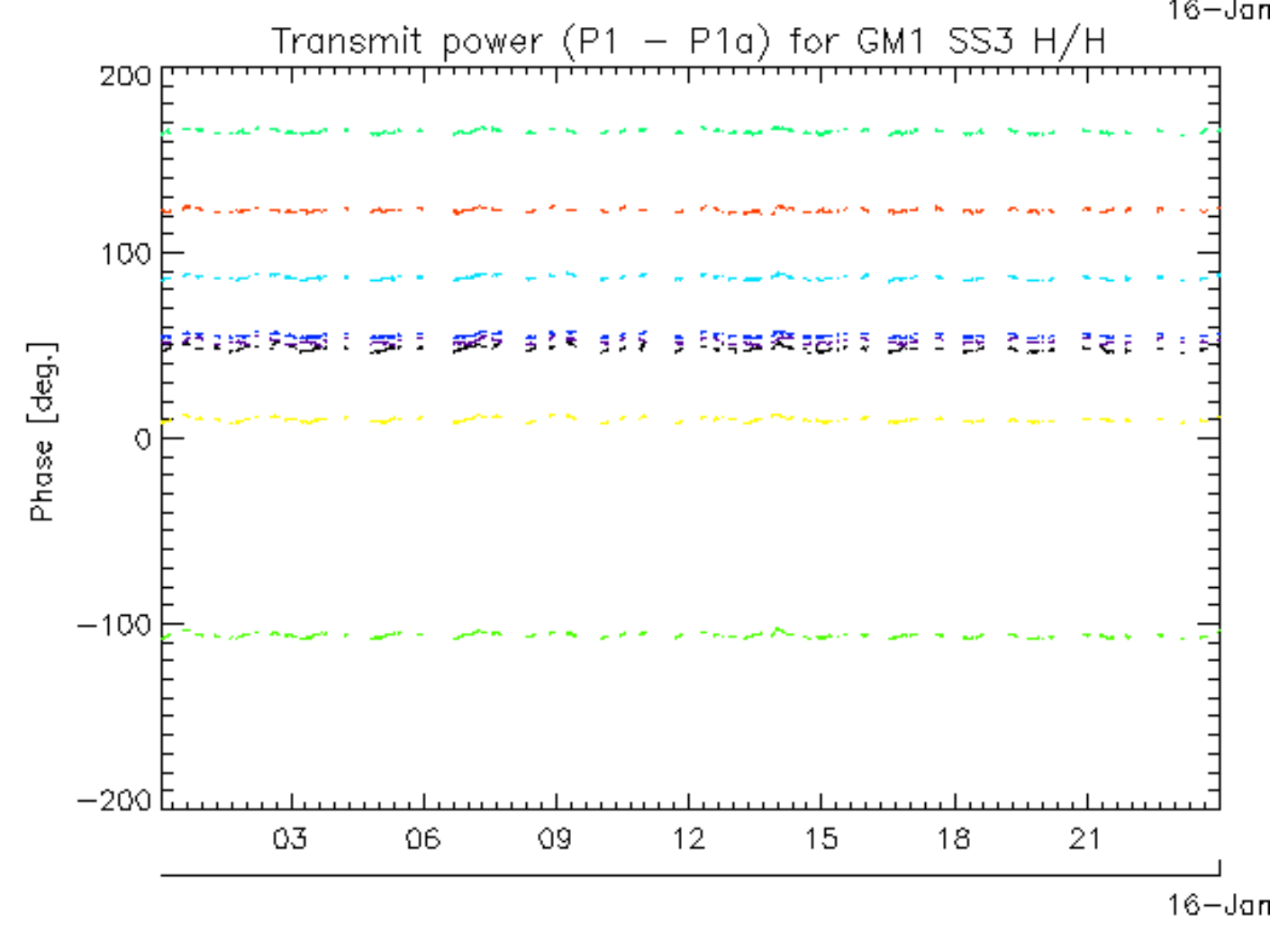
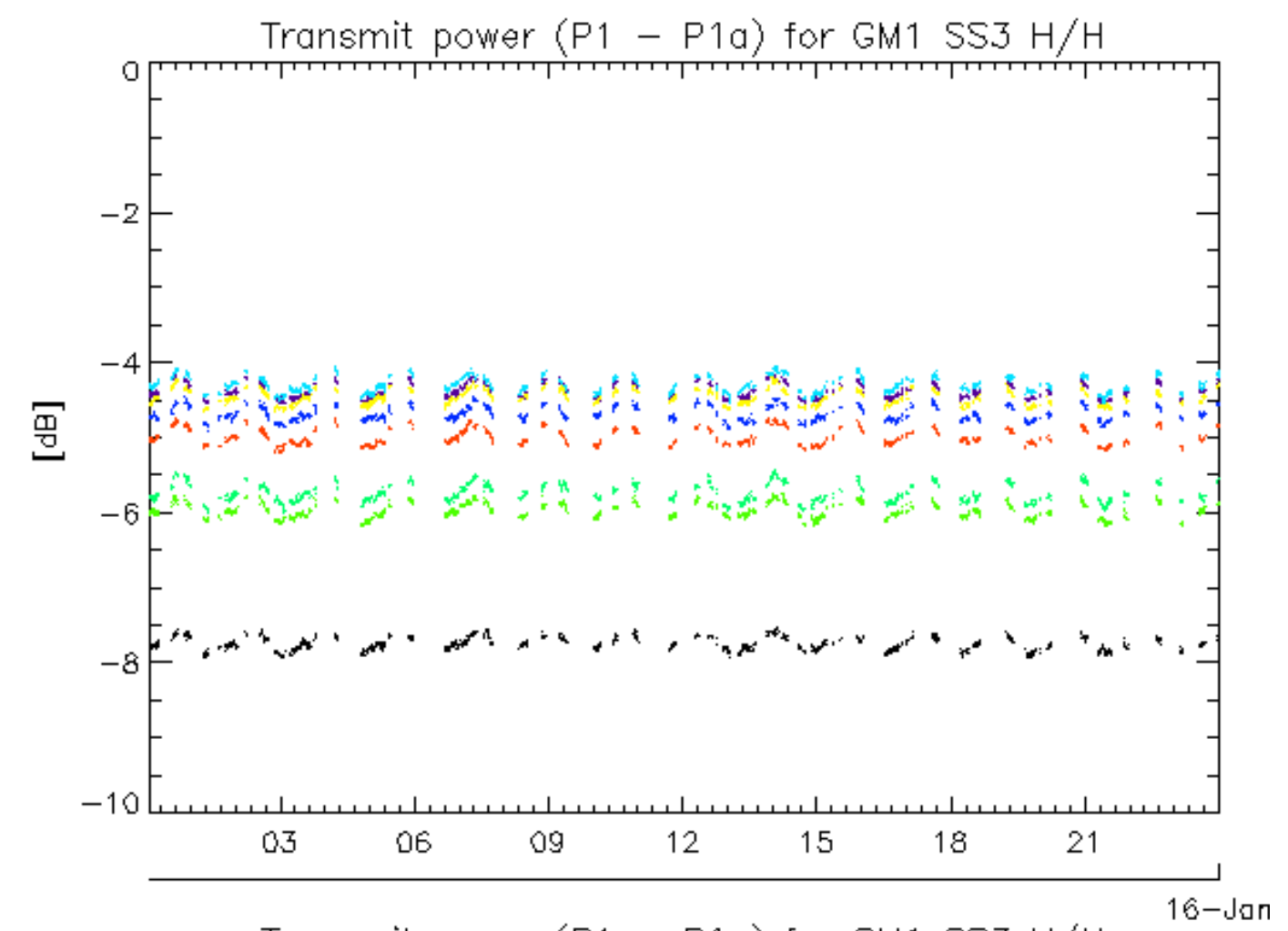


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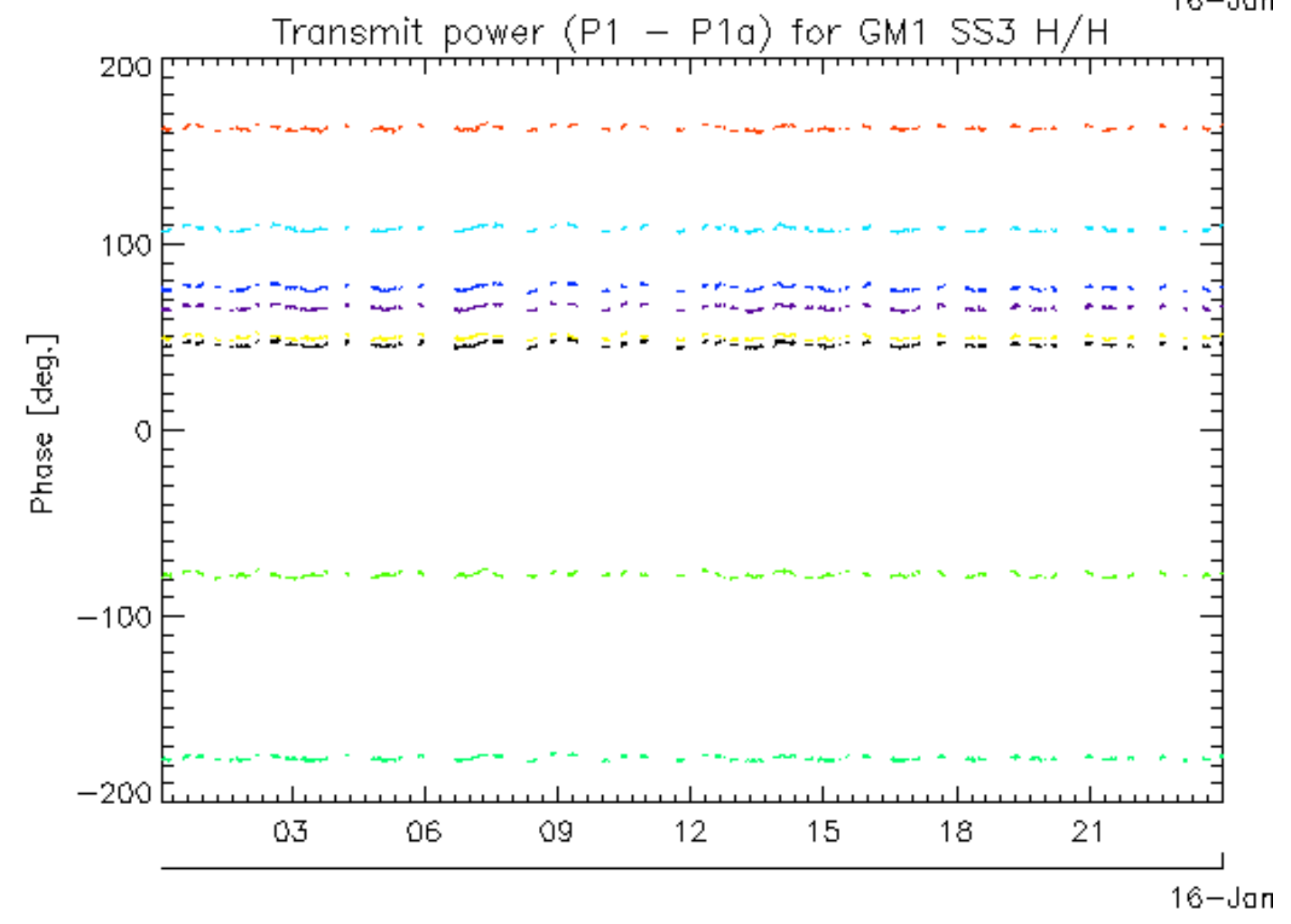
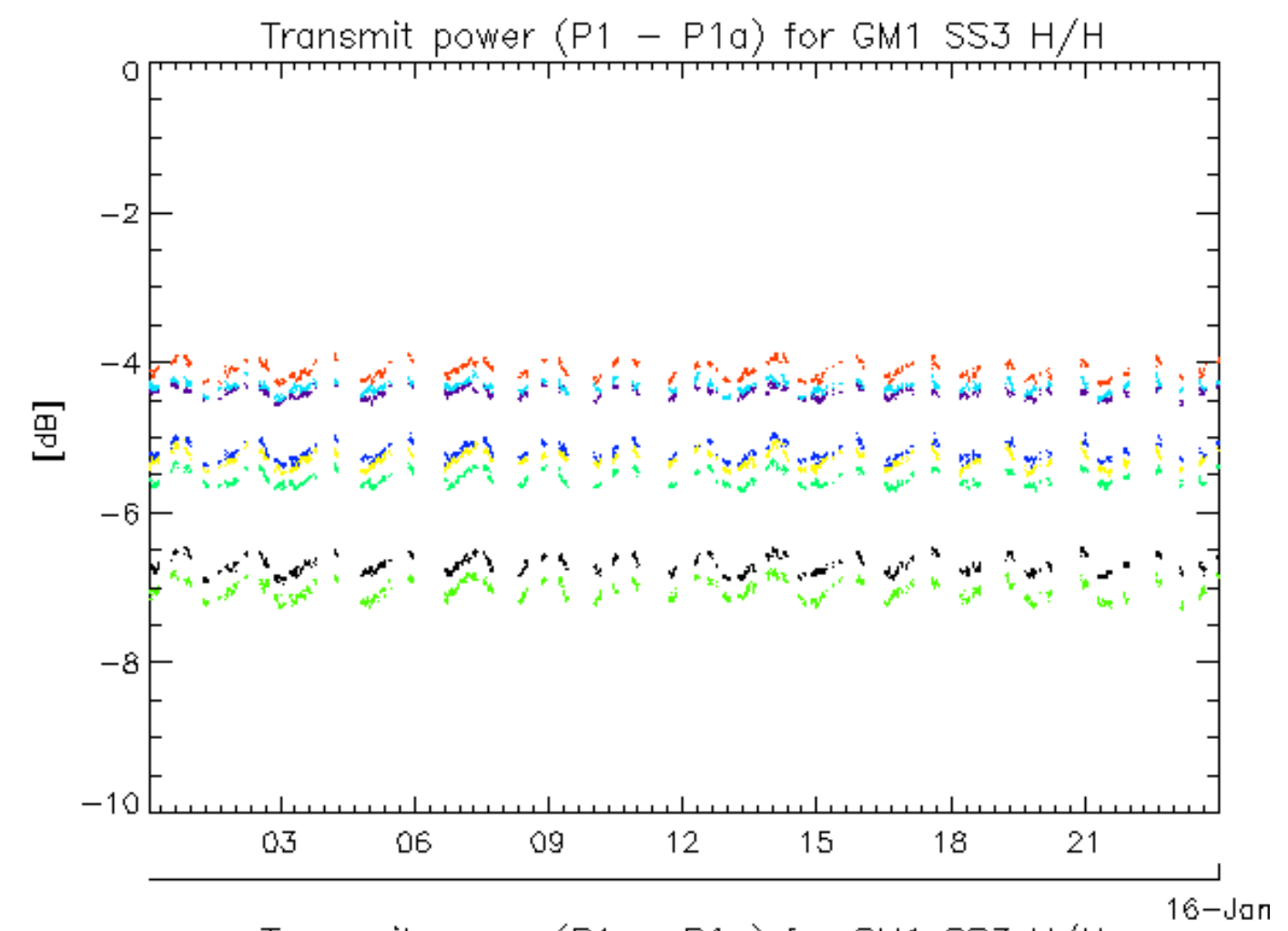




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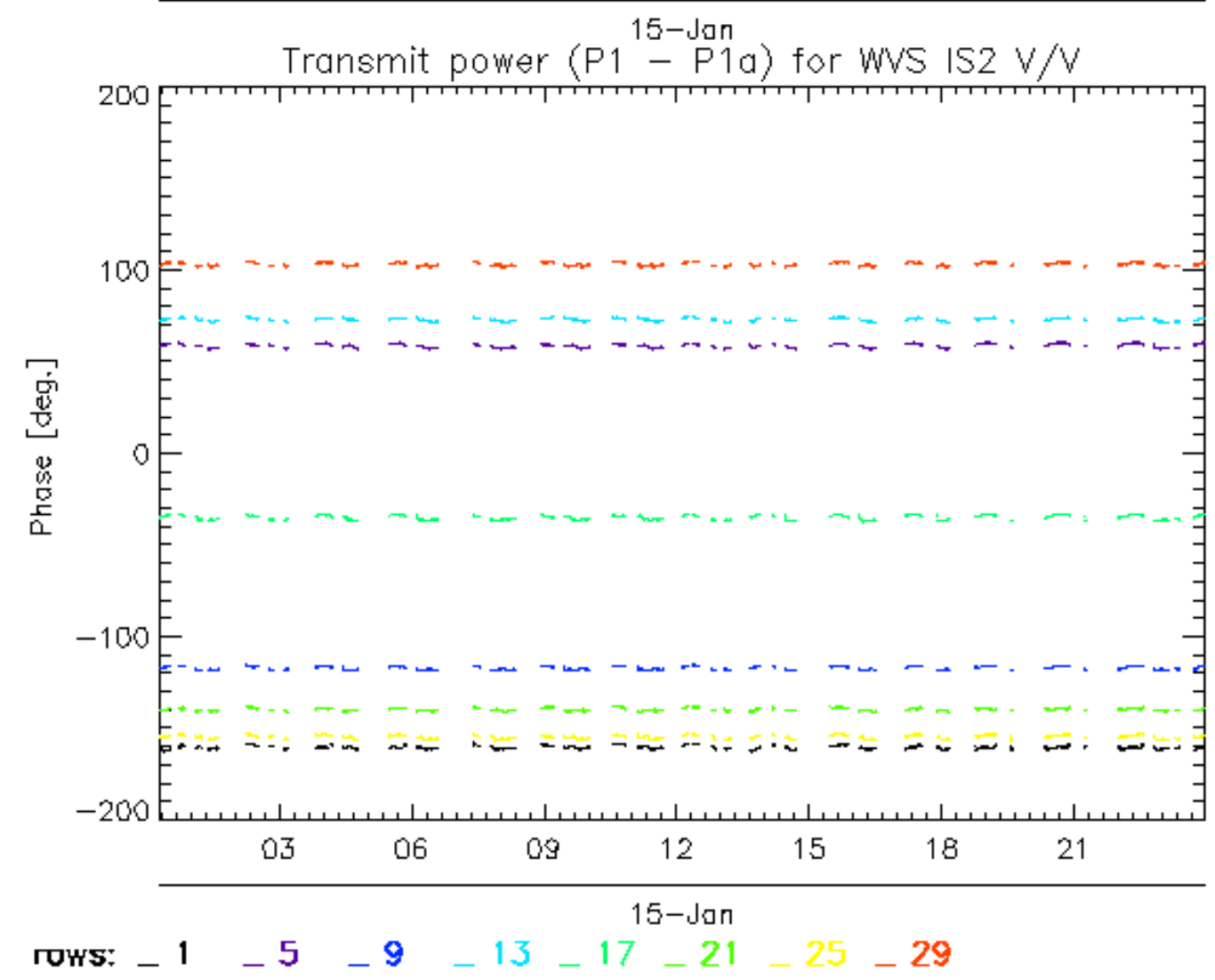
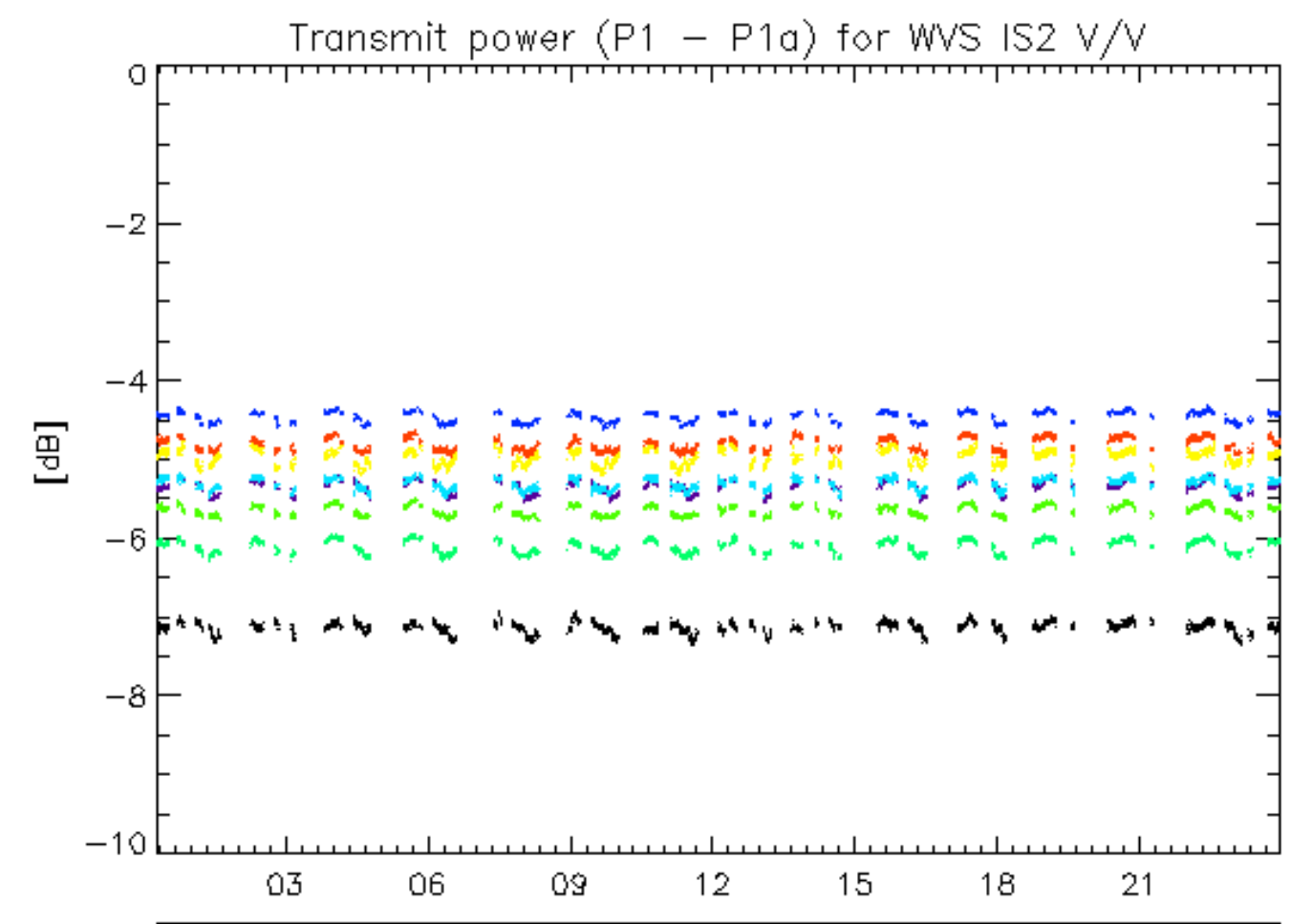


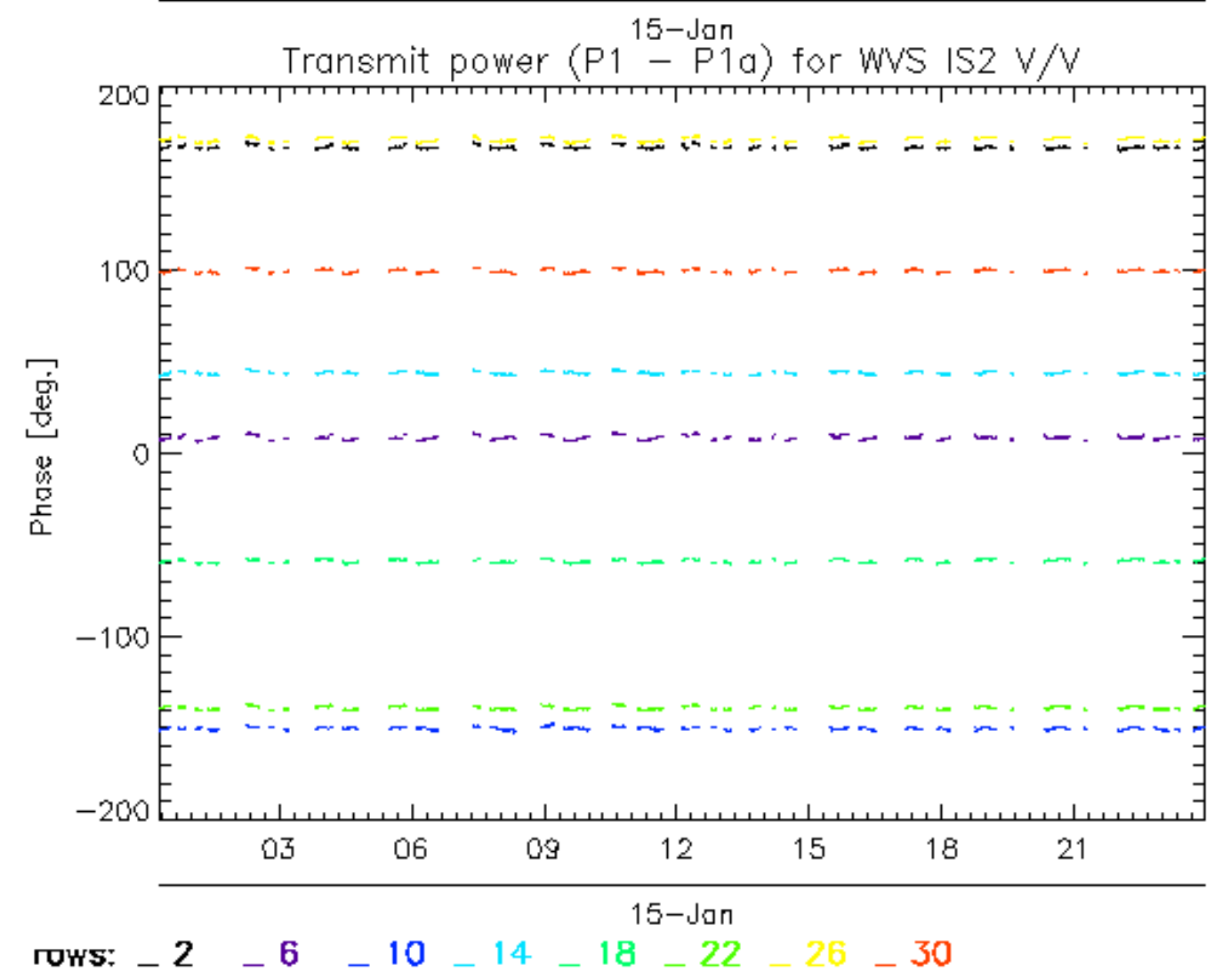
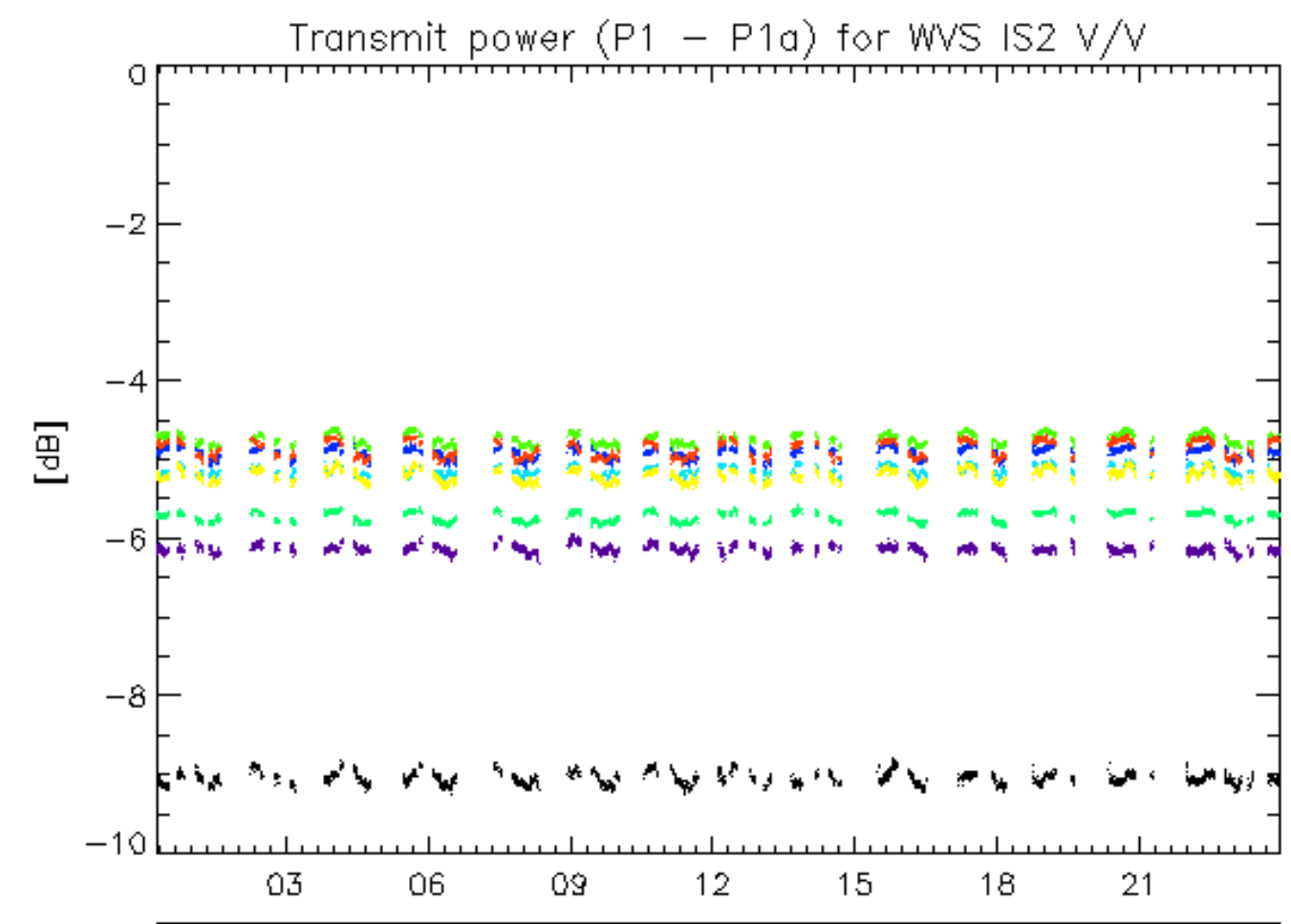
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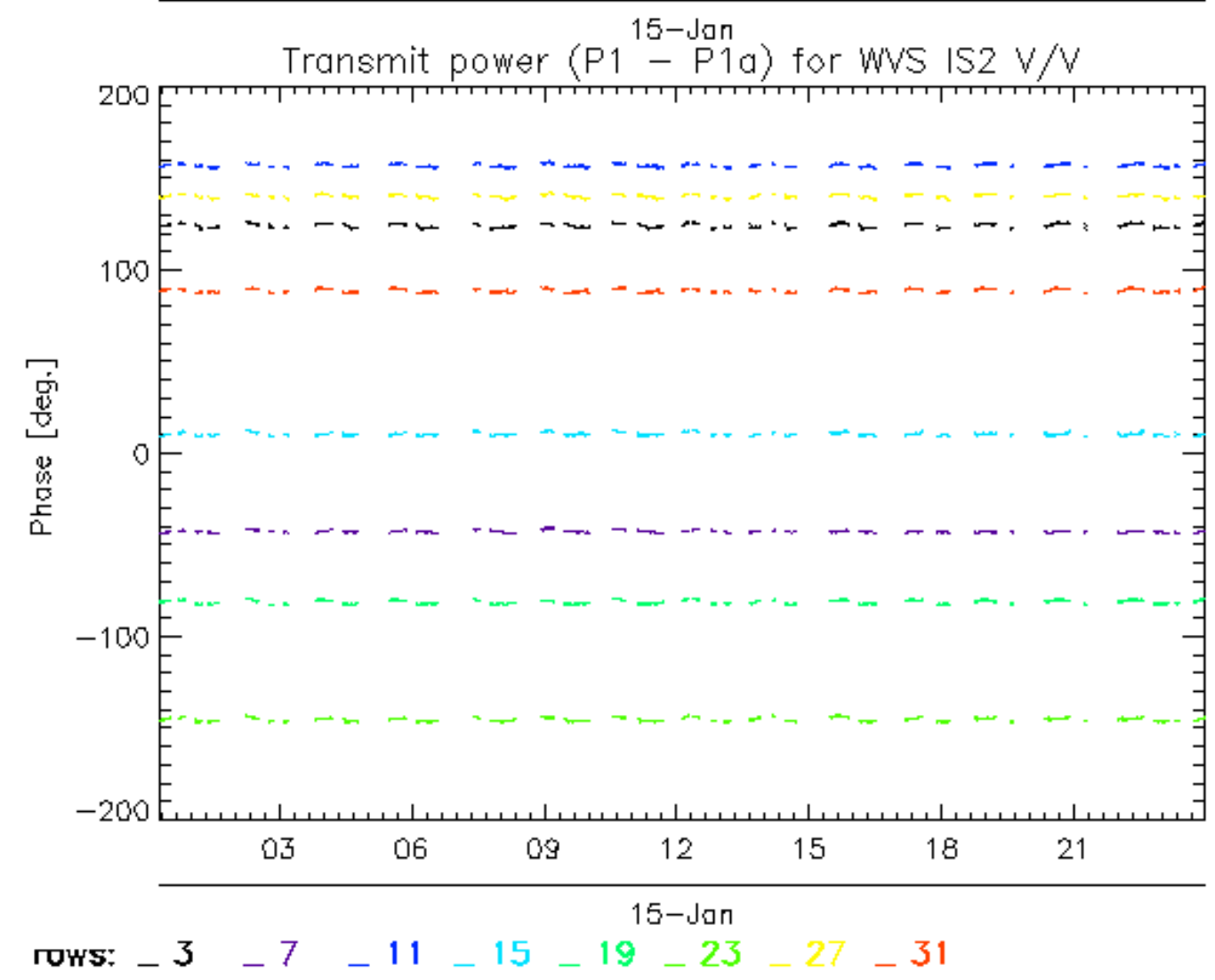
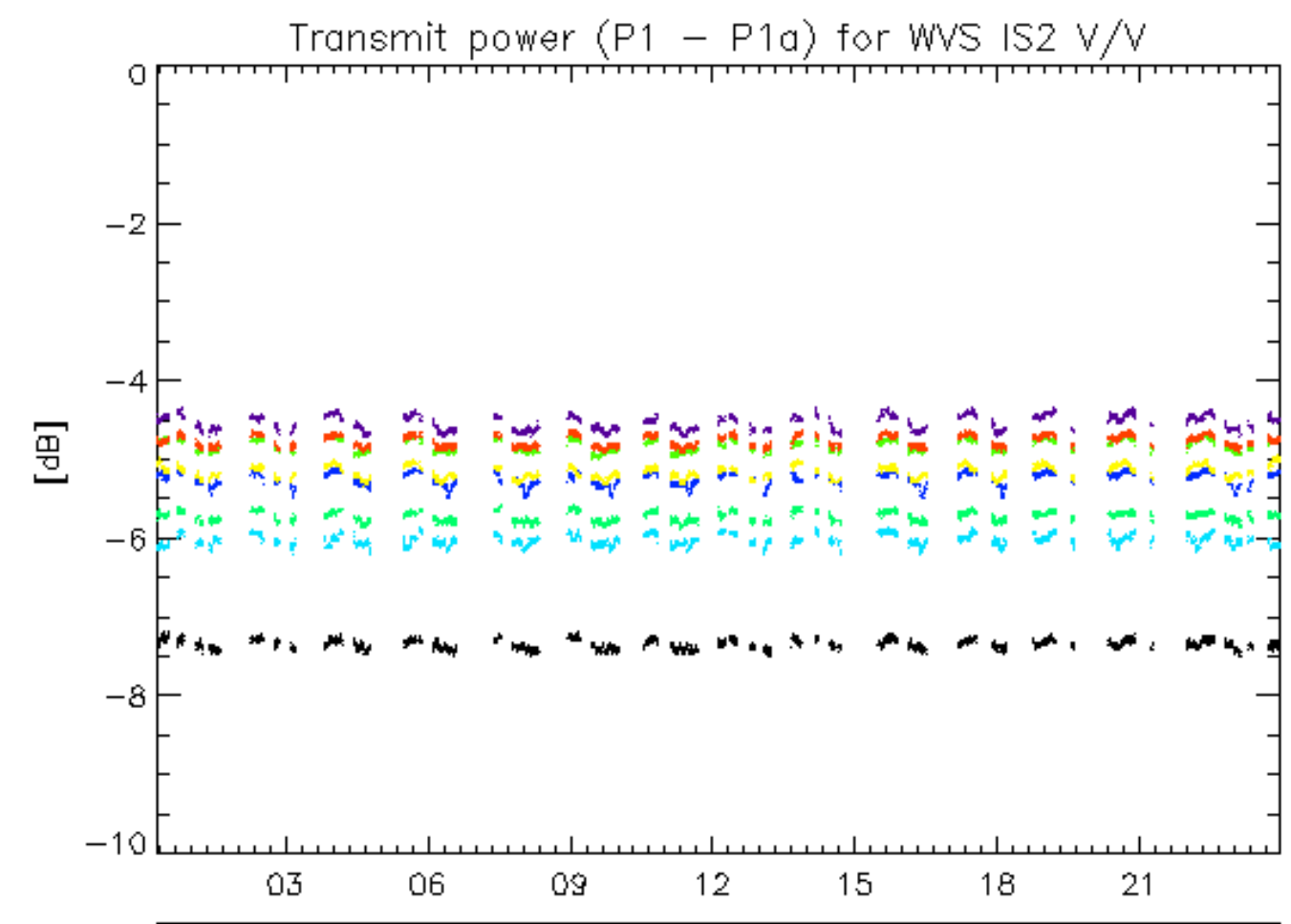


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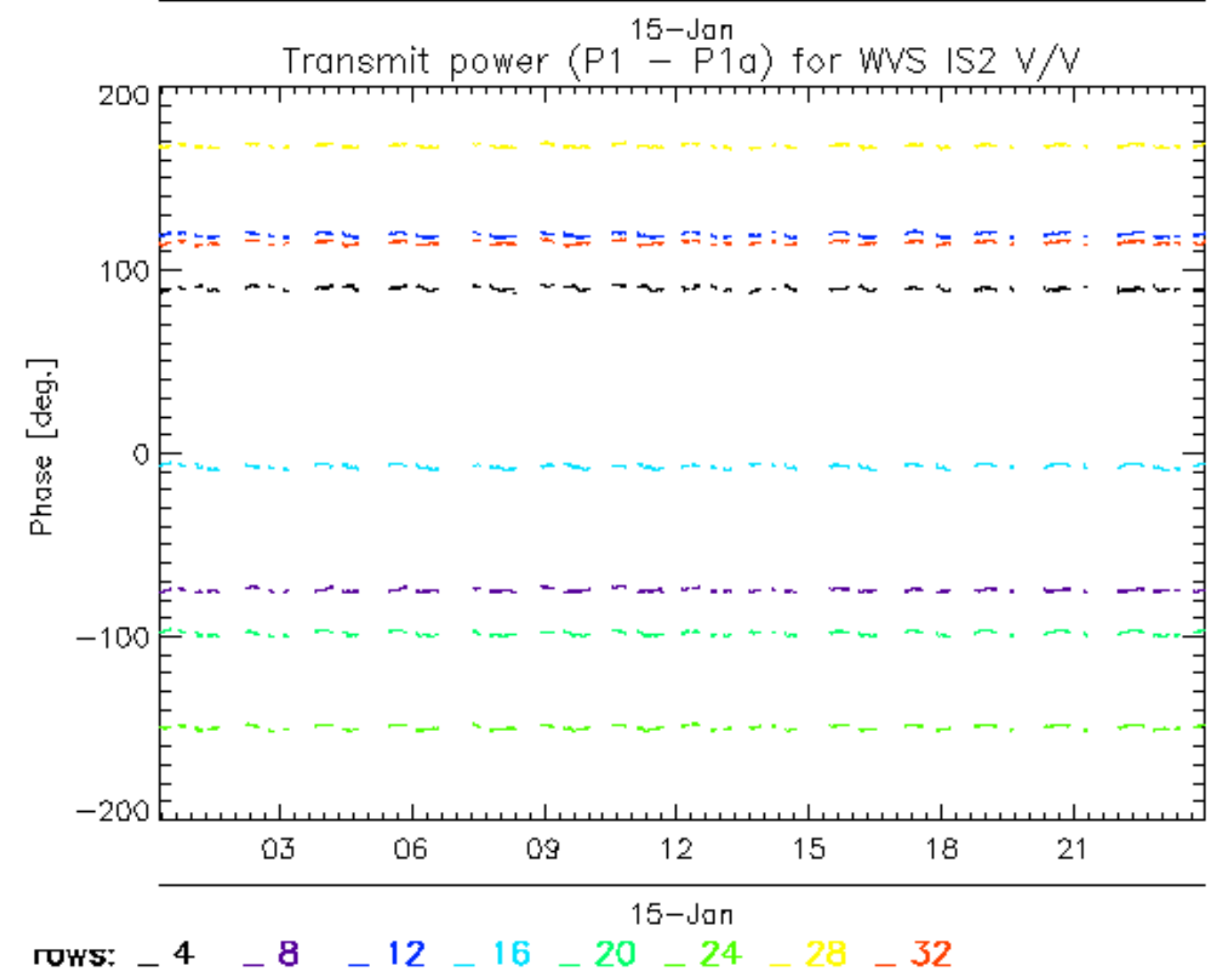
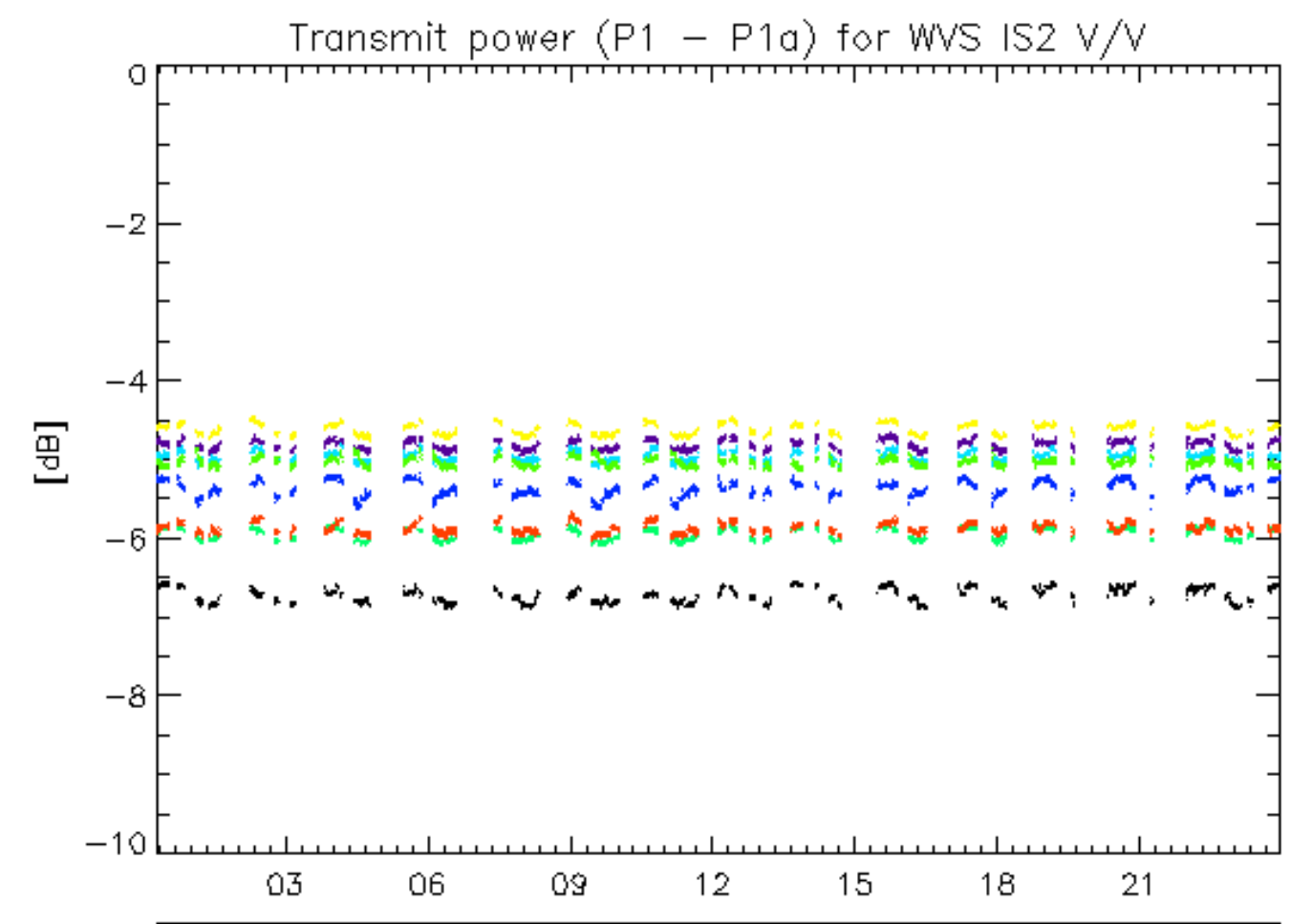


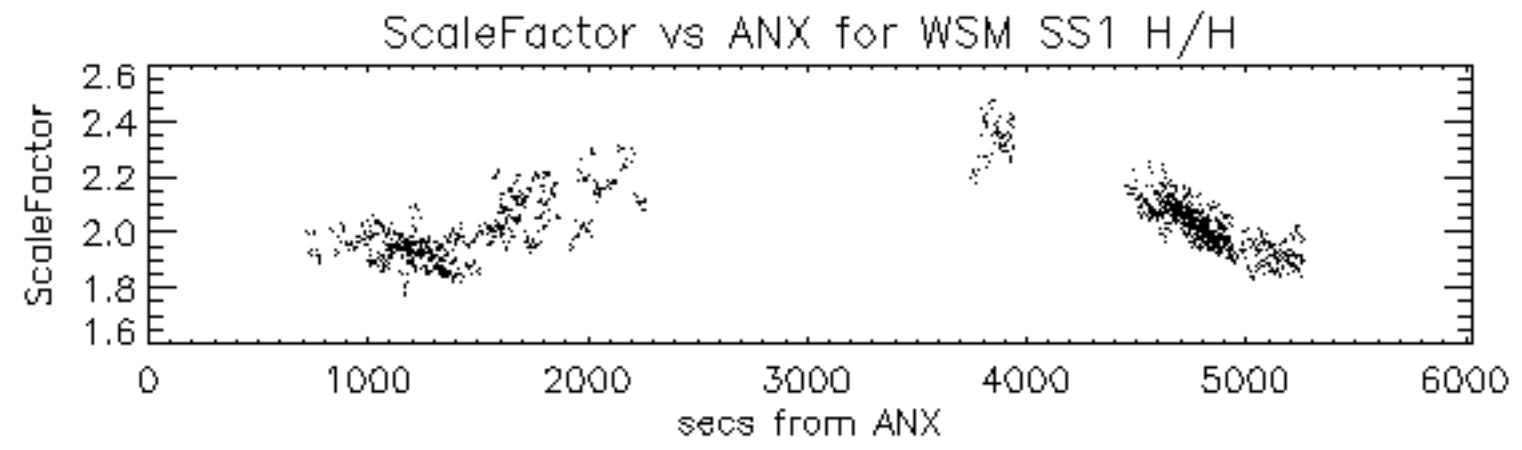


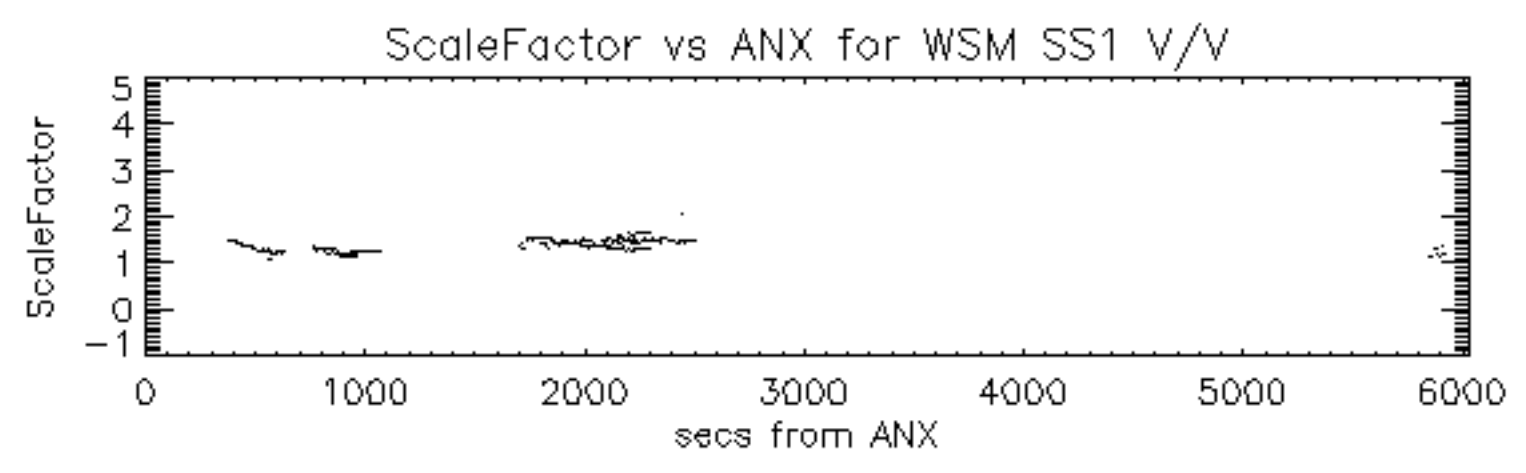


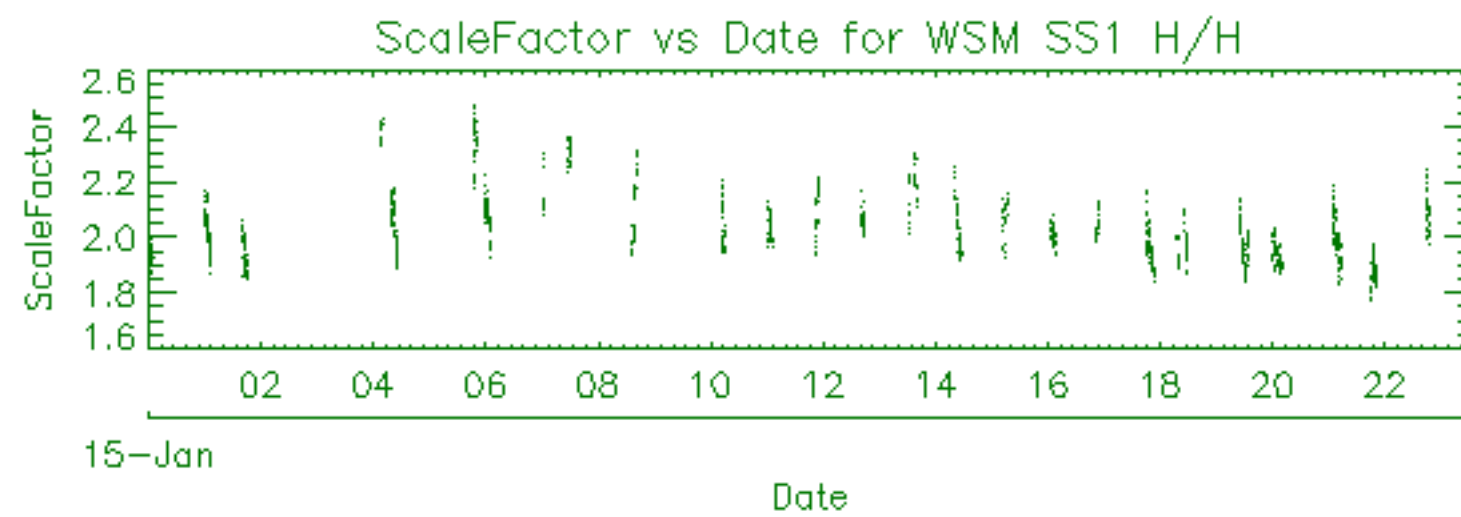




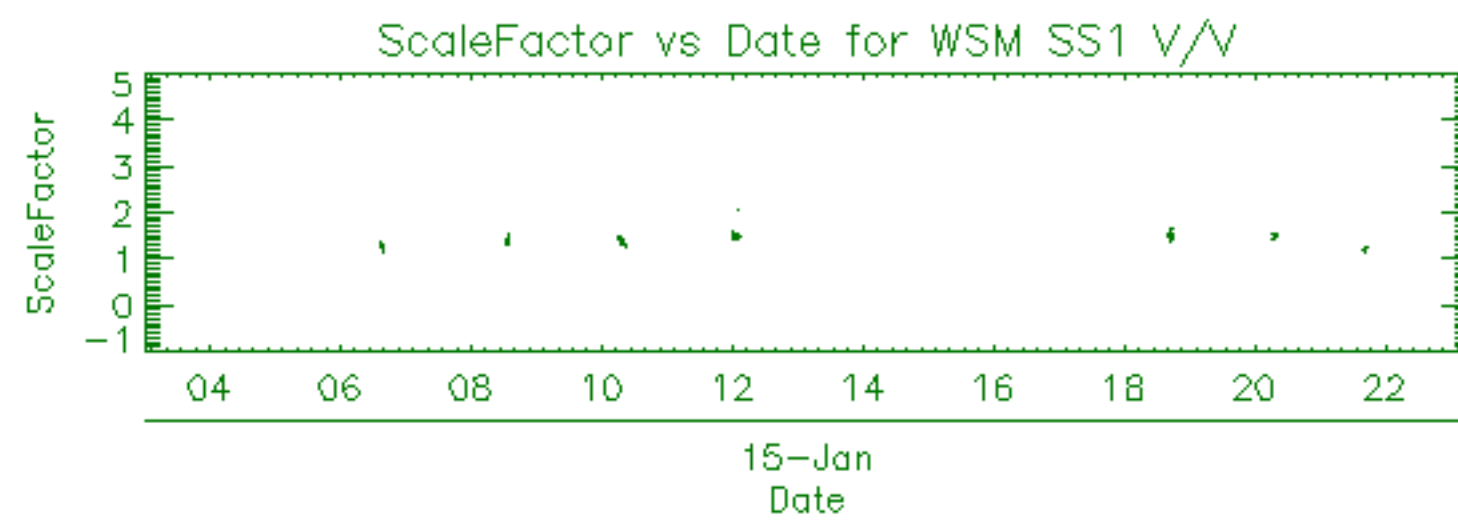












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20110115_071628_000000933098_00279_46414_2020.N1						IS4 V/H 98	46414	279	5.04
ASA_APM_1PNPDE20110115_135702_000000433098_00283_46418_2091.N1						IS6 H/H 98	46418	283	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20110115_000442_000007853098_00275_46410_1941.N1						SS1	H/H	98	46410	275	5.04
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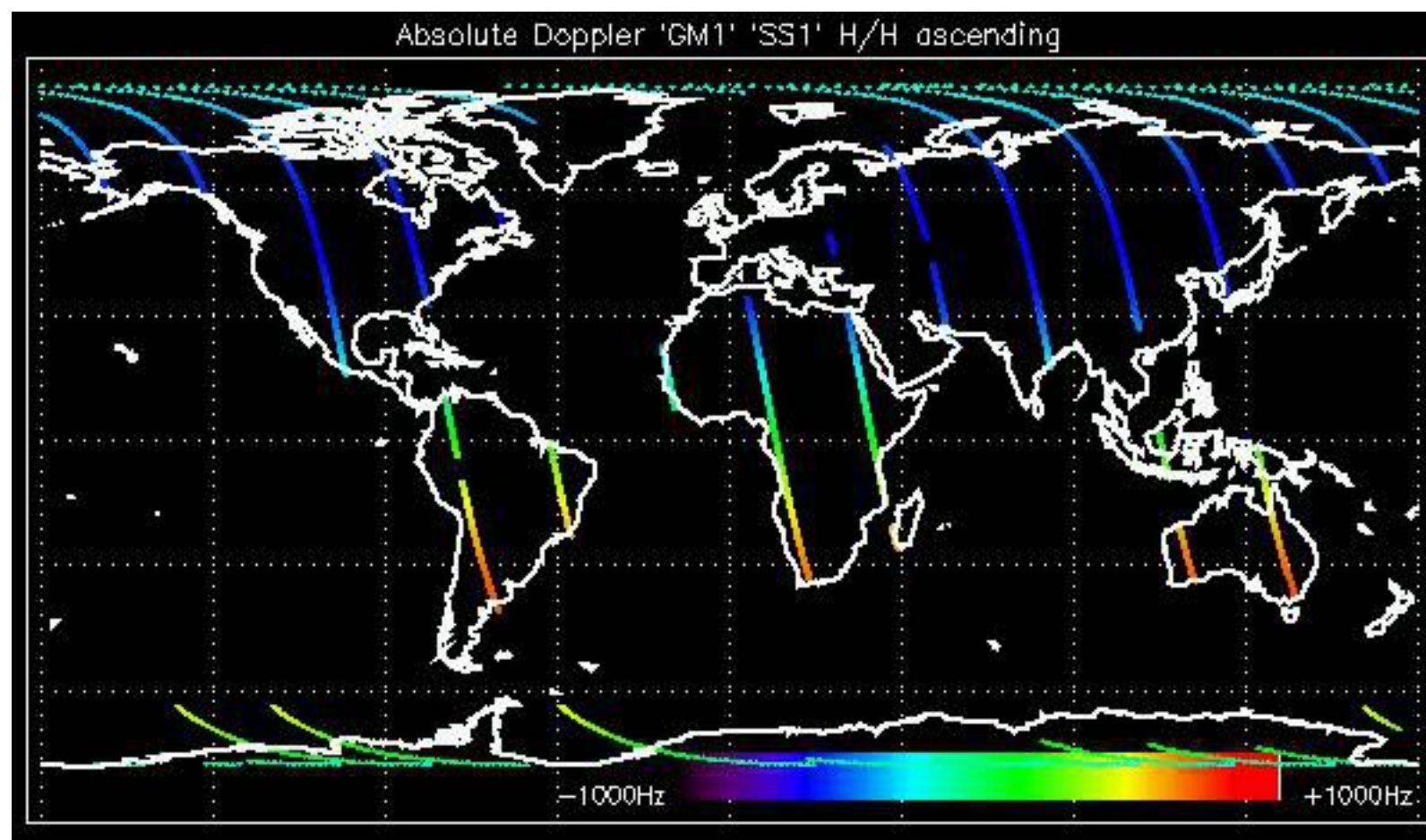
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ASA_IMM_1PNPDE20110115_084146_000005113098_00280_46415_2031.N1						IS6	H/H	98	46415	280	5.04
ASA_IMM_1PNPDK20110115_115714_000001123098_00282_46417_8660.N1						IS6	H/H	98	46417	282	5.04
ASA_IMM_1PNPDE20110115_181119_00000543098_00286_46421_2099.N1						IS2	V/V	98	46421	286	5.04

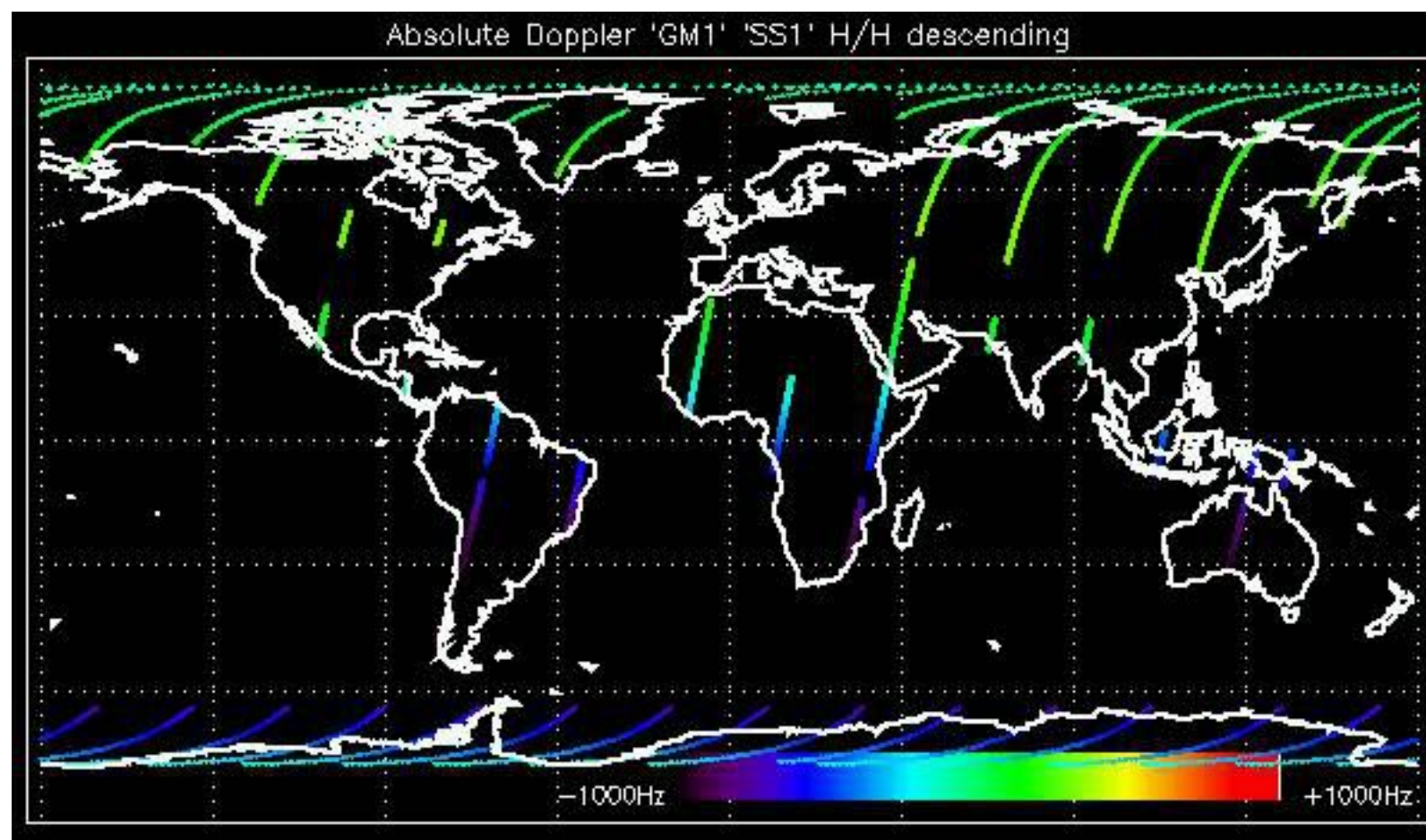
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ASA_MS__0PNPDK20110115_123204_000000163098_00282_46417_0401.N1	V	2011-01-15 12:32:04	320

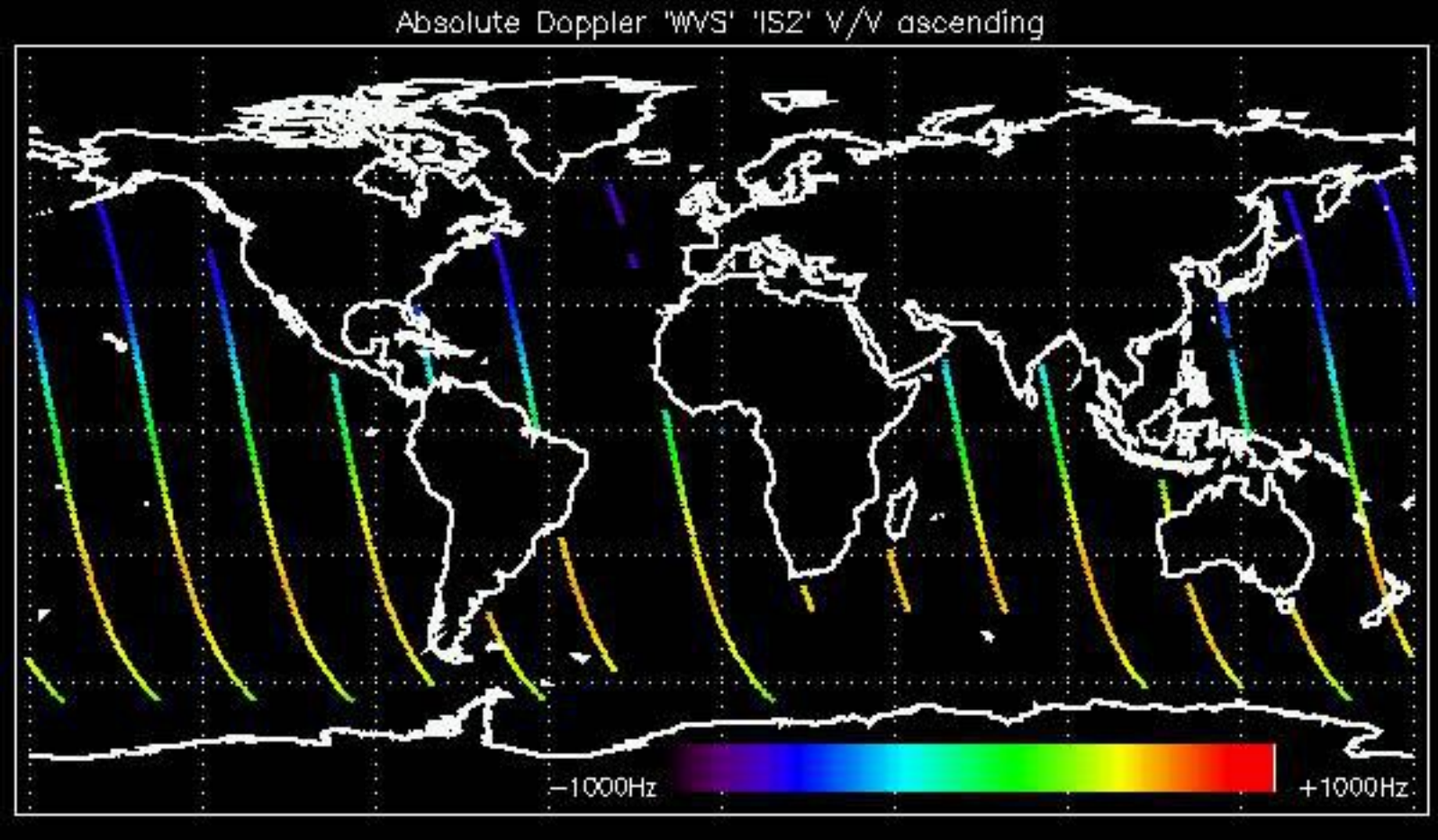
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ASA_WSM_1PNPDE20110115_010009_000004163098_00275_46410_1936.N1						SS1	H/H	98	46410	275	5.04
ASA_WSM_1PNPDE20110115_013938_000004103098_00276_46411_1960.N1						SS1	H/H	98	46411	276	5.04
ASA_WSM_1PNPDE20110115_030055_000000923098_00276_46411_1968.N1						SS1	V/V	98	46411	276	5.04
ASA_WSM_1PNPDE20110115_040812_000000923098_00277_46412_1985.N1						SS1	H/H	98	46412	277	5.04
ASA_WSM_1PNPDE20110115_041755_000005143098_00277_46412_1990.N1						SS1	H/H	98	46412	277	5.04
ASA_WSM_1PNPDE20110115_054625_000002143098_00278_46413_2002.N1						SS1	H/H	98	46413	278	5.04
ASA_WSM_1PNPDE20110115_055843_000003923098_00278_46413_2010.N1						SS1	H/H	98	46413	278	5.04
ASA_WSM_1PNPDE20110115_063641_000002323098_00279_46414_2012.N1						SS1	V/V	98	46414	279	5.04
ASA_WSM_1PNPDE20110115_070045_000000923098_00279_46414_2011.N1						SS1	H/H	98	46414	279	5.04
ASA_WSM_1PNPDE20110115_072740_000001533098_00279_46414_2029.N1						SS1	H/H	98	46414	279	5.04
ASA_WSM_1PNPDK20110115_083251_000001533098_00280_46415_8600.N1						SS1	V/V	98	46415	280	5.04
ASA_WSM_1PNPDK20110115_083622_000002813098_00280_46415_8601.N1						SS1	H/H	98	46415	280	5.04
ASA_WSM_1PNPDK20110115_101107_000002513098_00281_46416_8631.N1						SS1	H/H	98	46416	281	5.04
ASA_WSM_1PNPDK20110115_101525_000003733098_00281_46416_8632.N1						SS1	V/V	98	46416	281	5.04
ASA_WSM_1PNPDE20110115_101807_000003063098_00281_46416_2044.N1						SS1	V/V	98	46416	281	5.04
ASA_WSM_1PNPDE20110115_110110_000002753098_00281_46416_2079.N1						SS1	H/H	98	46416	281	5.04
ASA_WSM_1PNPDK20110115_115150_000002753098_00282_46417_8659.N1						SS1	H/H	98	46417	282	5.04
ASA_WSM_1PNPDE20110115_120012_000004103098_00282_46417_2080.N1						SS1	V/V	98	46417	282	5.04
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ASA_WSM_1PNPDE20110115_142100_000001533098_00283_46418_2090.N1						SS1	H/H	98	46418	283	5.04
ASA_WSM_1PNPDE20110115_142412_000002143098_00283_46418_2093.N1						SS1	H/H	98	46418	283	5.04
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ASA_WSM_1PNPDE20110115_160334_000002513098_00284_46419_2089.N1						SS1	H/H	98	46419	284	5.04
ASA_WSM_1PNPDE20110115_165125_000001843098_00285_46420_2098.N1						SS1	H/H	98	46420	285	5.04
ASA_WSM_1PNPDE20110115_174408_000002513098_00285_46420_2096.N1						SS1	H/H	98	46420	285	5.04
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ASA_WSM_1PNPDE20110115_181742_000000923098_00286_46421_2100.N1						SS1	H/H	98	46421	286	5.04
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ASA_WSM_1PNPDE20110115_184025_000002883098_00286_46421_2107.N1						SS1	V/V	98	46421	286	5.04
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ASA_WSM_1PNPDE20110115_192945_000002453098_00286_46421_2104.N1						SS1	H/H	98	46421	286	5.04
ASA_WSM_1PNPDK20110115_195951_000003923098_00287_46422_8810.N1						SS1	H/H	98	46422	287	5.04
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ASA_WSM_1PNPDE20110115_210343_000002693098_00287_46422_2111.N1						SS1	H/H	98	46422	287	5.04
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ASA_WSM_1PNPDK20110115_214007_000002513098_00288_46423_8825.N1						SS1	V/V	98	46423	288	5.04
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WVS_1PNPDE20110115_011147_000002543098_00275_46410_1958.N1						IS2	V/V	98	46410	275	5.04
ASA_WVS_1PNPDE20110115_010702_000003443098_00275_46410_1945.N1						IS1	V/V	98	46410	275	5.04
ASA_WVS_1PNPDE20110115_012325_000008093098_00275_46410_1962.N1						IS2	V/V	98	46410	275	5.04
ASA_WVS_1PNPDE20110115_021615_000009153098_00276_46411_1967.N1						IS2	V/V	98	46411	276	5.04
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ASA_WVS_1PNPDE20110115_030649_000002993098_00277_46412_1976.N1						IS2	V/V	98	46412	277	5.04
ASA_WVS_1PNPDE20110115_034900_000007793098_00277_46412_1974.N1						IS2	V/V	98	46412	277	5.04
ASA_WVS_1PNPDE20110115_040145_000002703098_00277_46412_1992.N1						IS2	V/V	98	46412	277	5.04
ASA_WVS_1PNPDE20110115_034900_000007793098_00277_46412_1974.N1						IS1	V/V	98	46412	277	5.04
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ASA_WVS_1PNPDE20110115_052822_000010193098_00278_46413_2007.N1						IS2	V/V	98	46413	278	5.04
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ASA_WVS_1PNPDE20110115_224753_000004493098_00288_46423_2143.N1						IS2	V/V	98	46423	288	5.04
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ASA_WVS_1PNPDE20110115_224753_000004493098_00288_46423_2143.N1						IS1	V/V	98	46423	288	5.04
ASA_WVS_1PNPDE20110115_231721_000000443098_00289_46424_2162.N1						IS2	V/V	98	46424	289	5.04
ASA_WVS_1PNPDE20110115_232019_000001503098_00289_46424_2160.N1						IS2	V/V	98	46424	289	5.04
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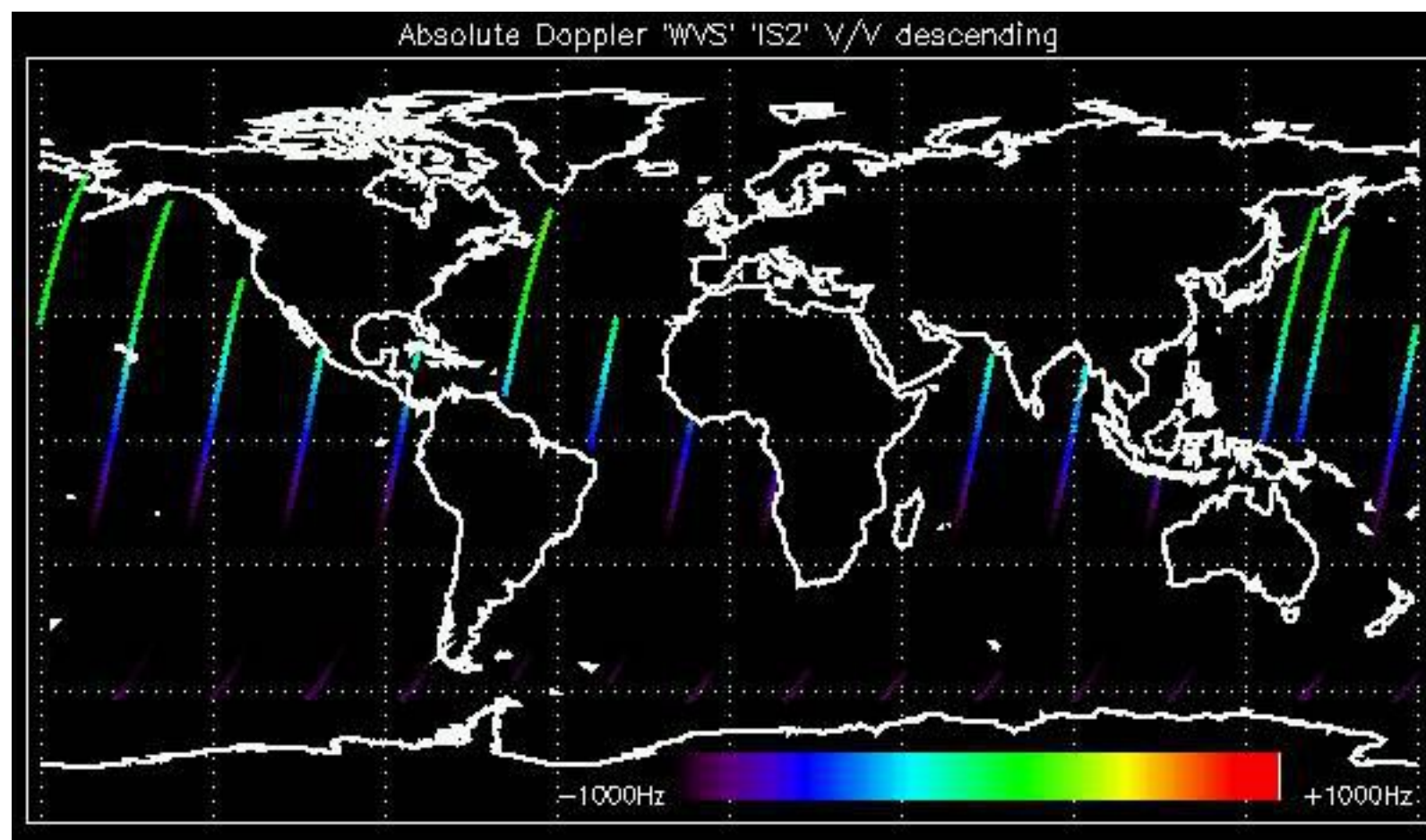


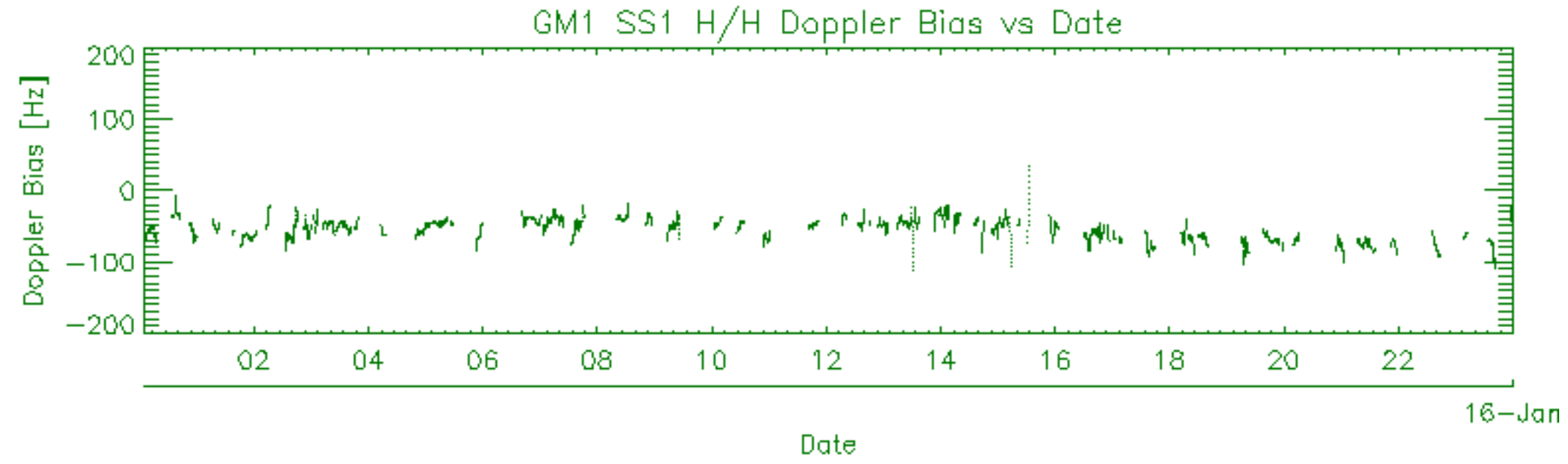
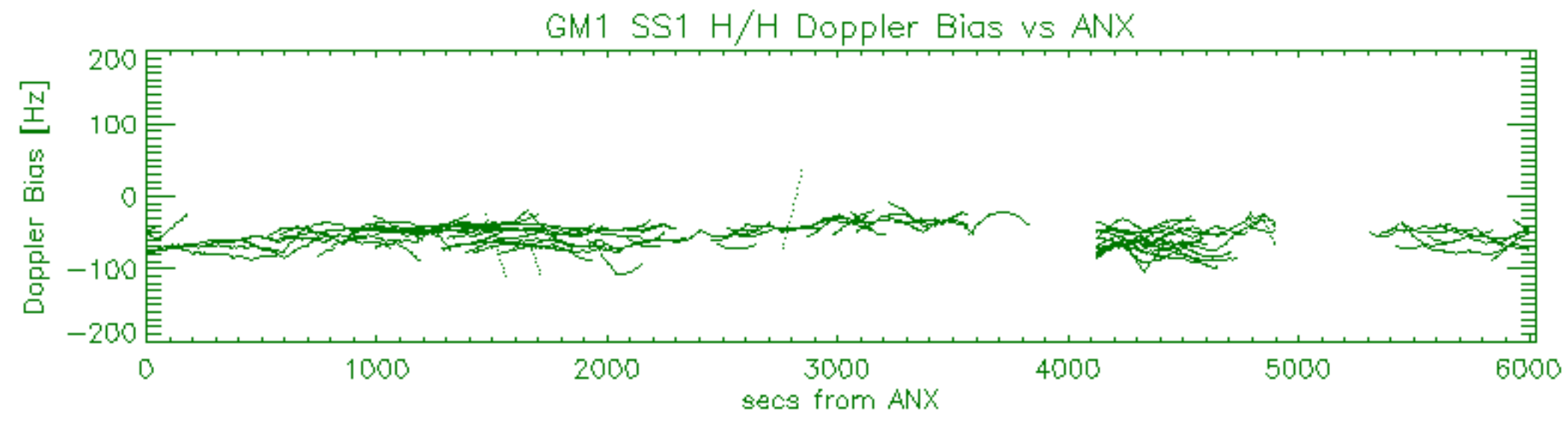
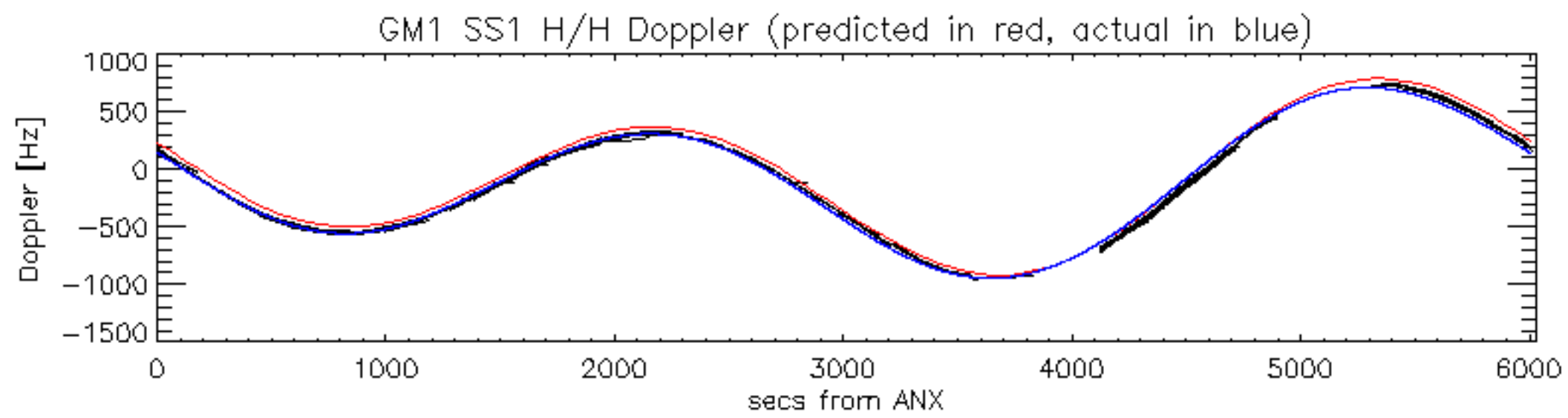




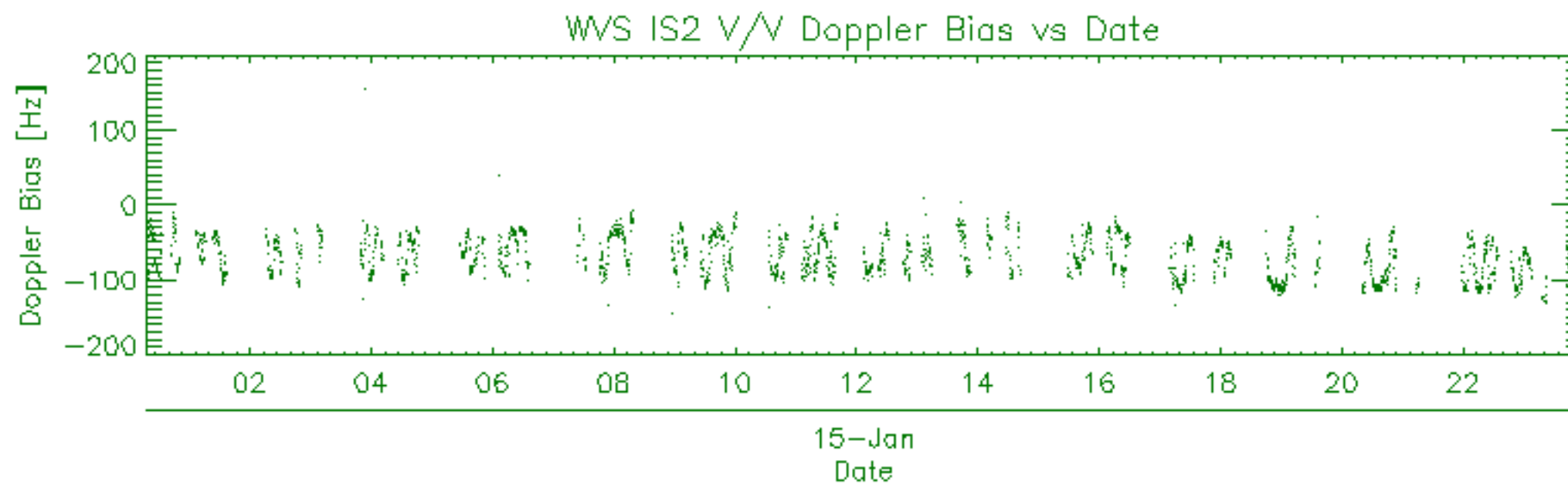
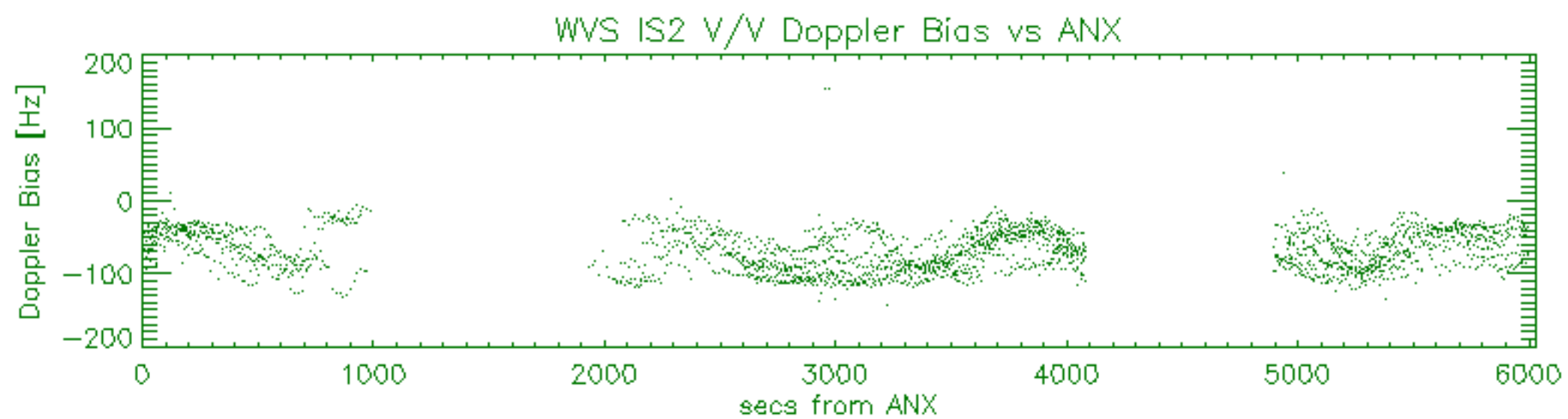
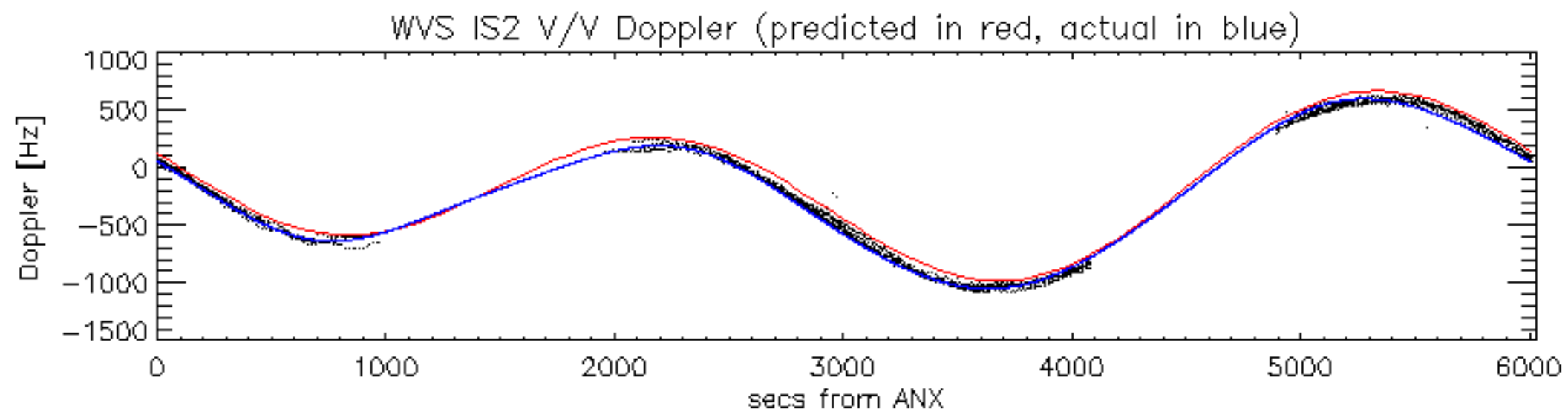


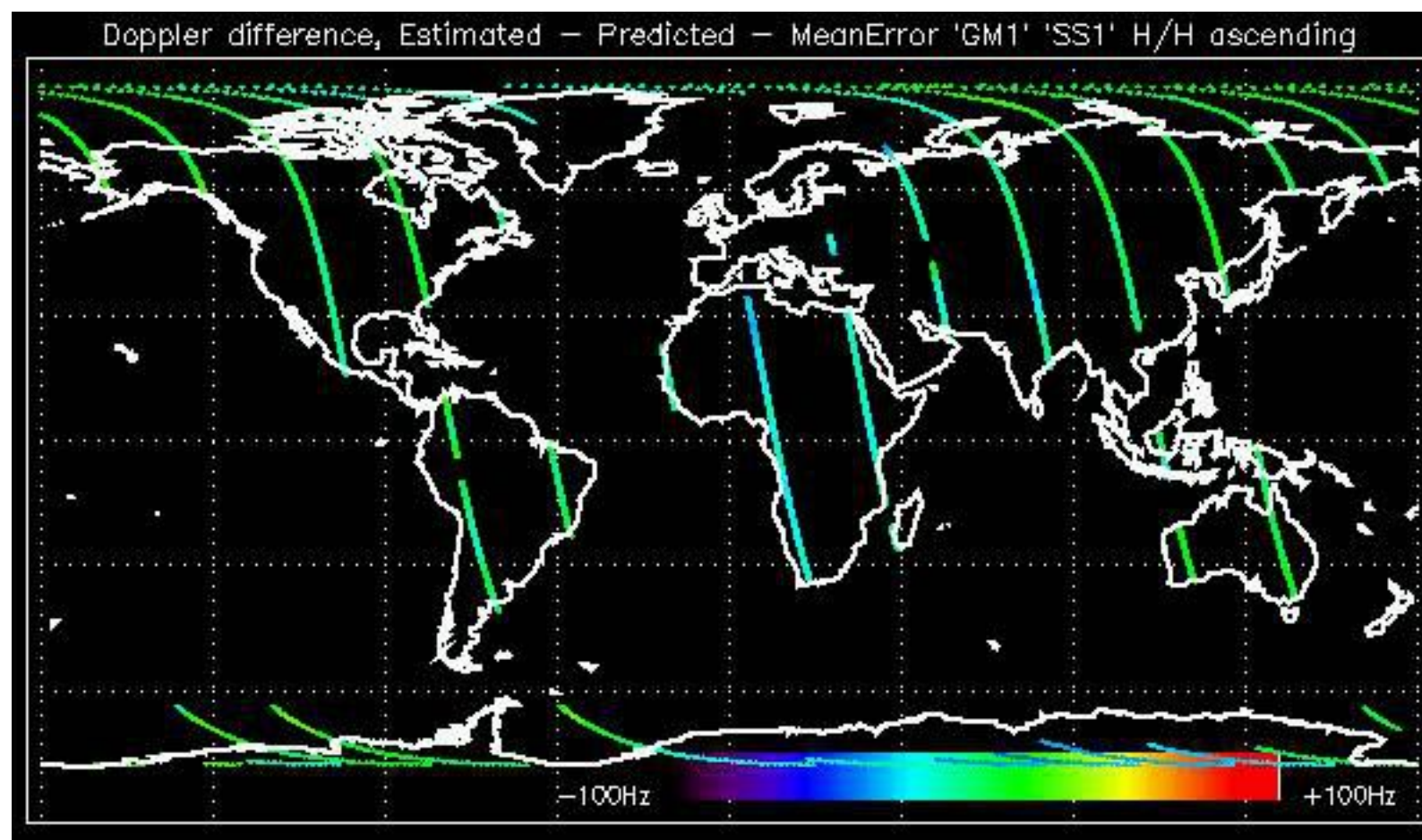


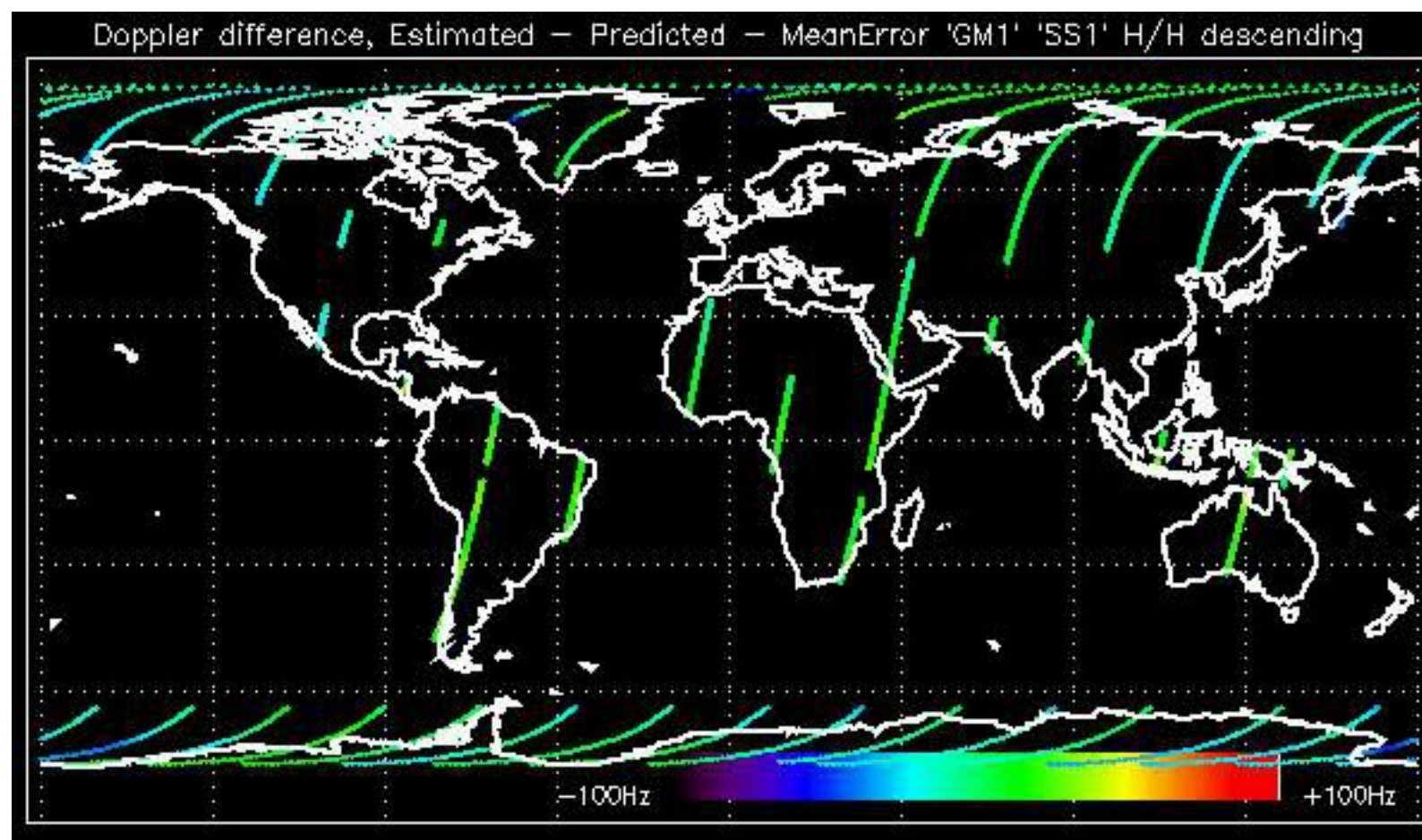




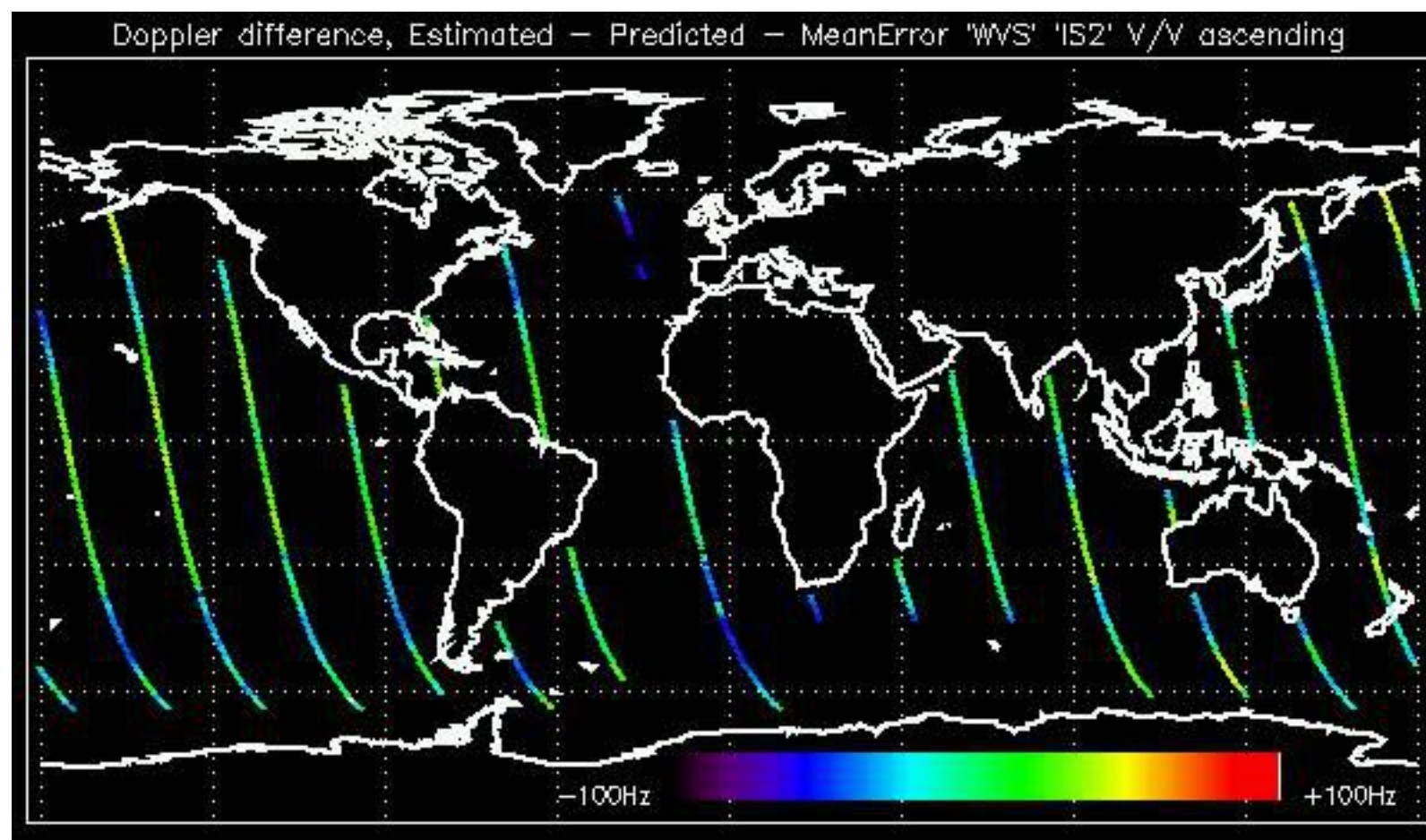




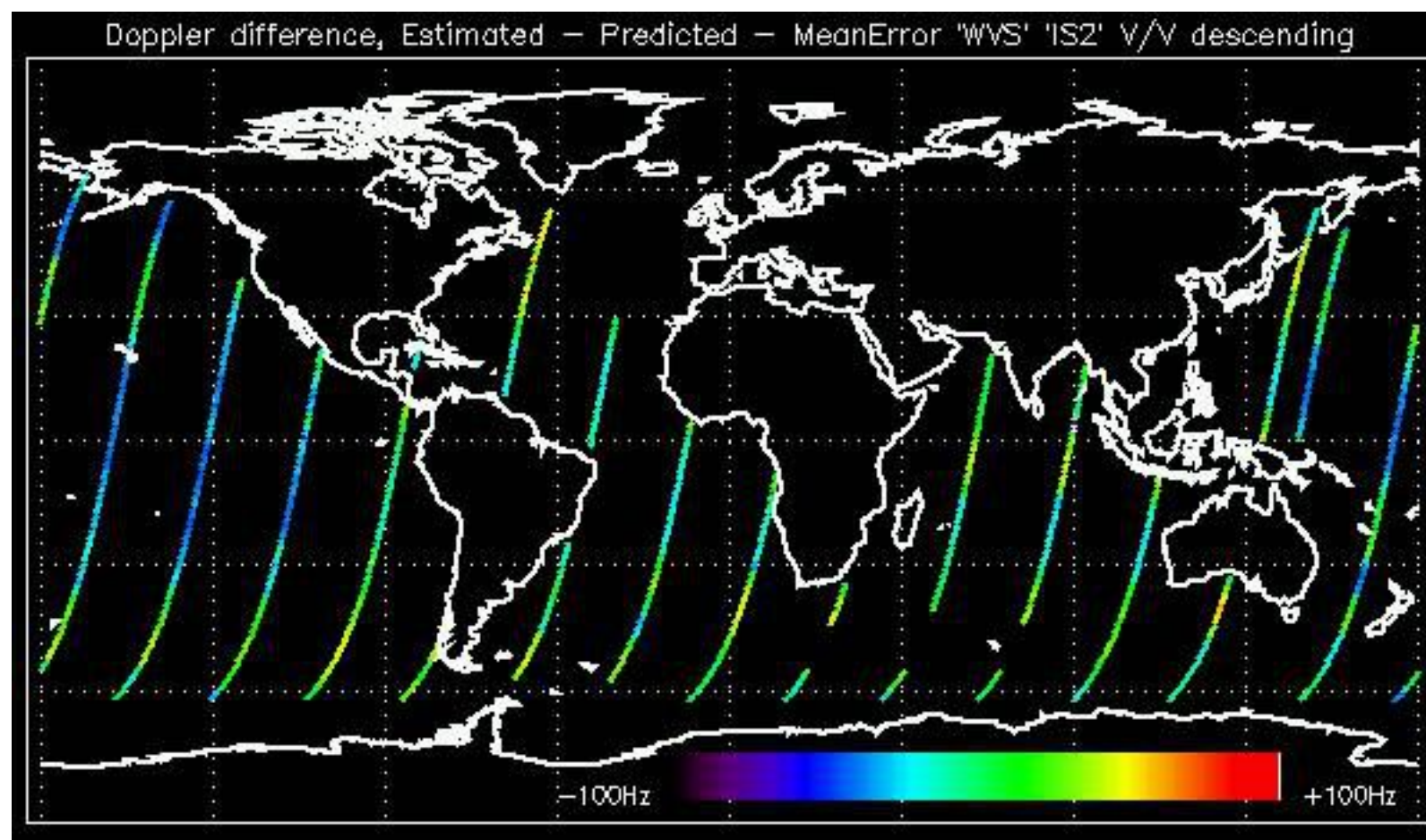


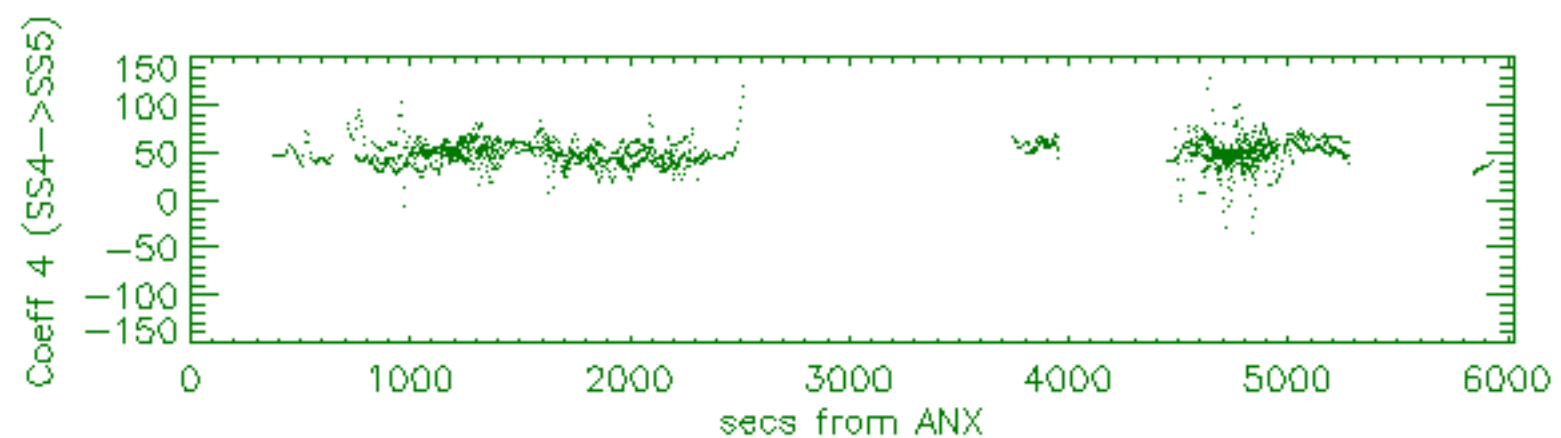
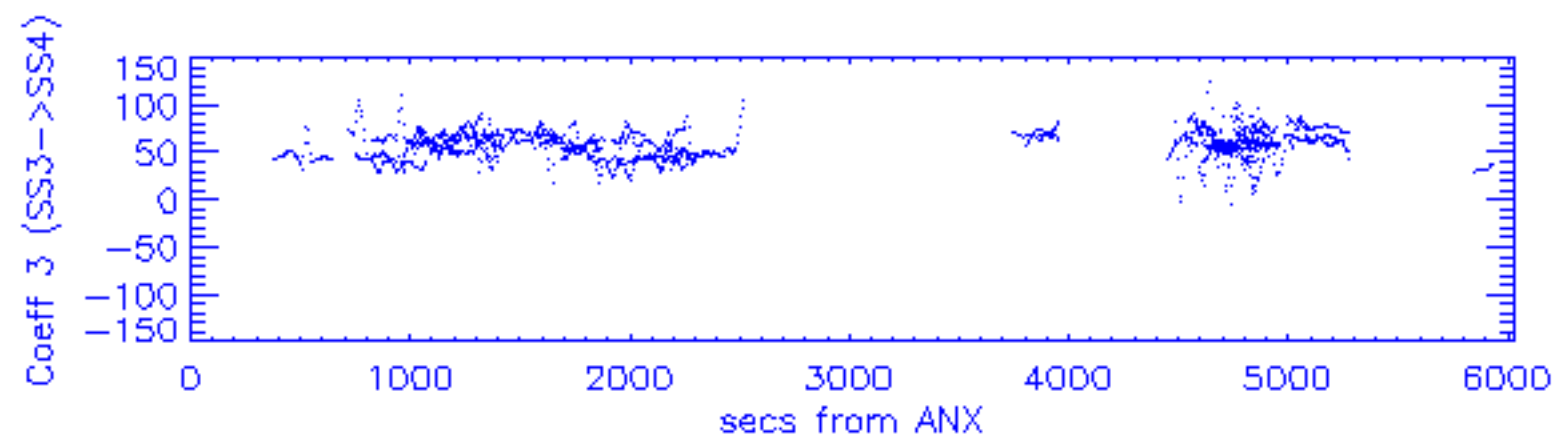
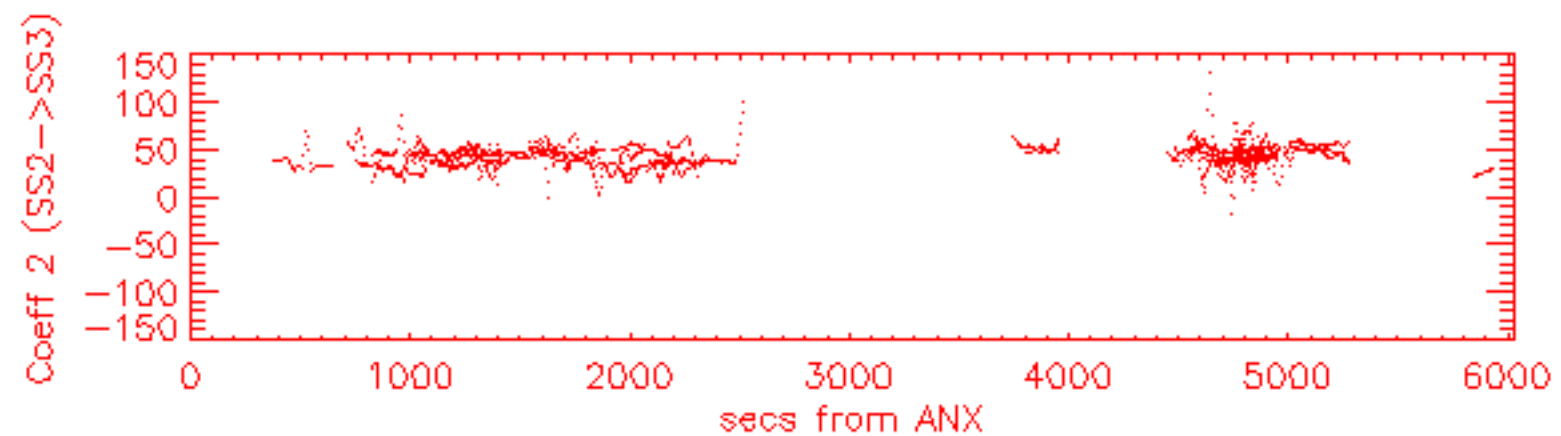
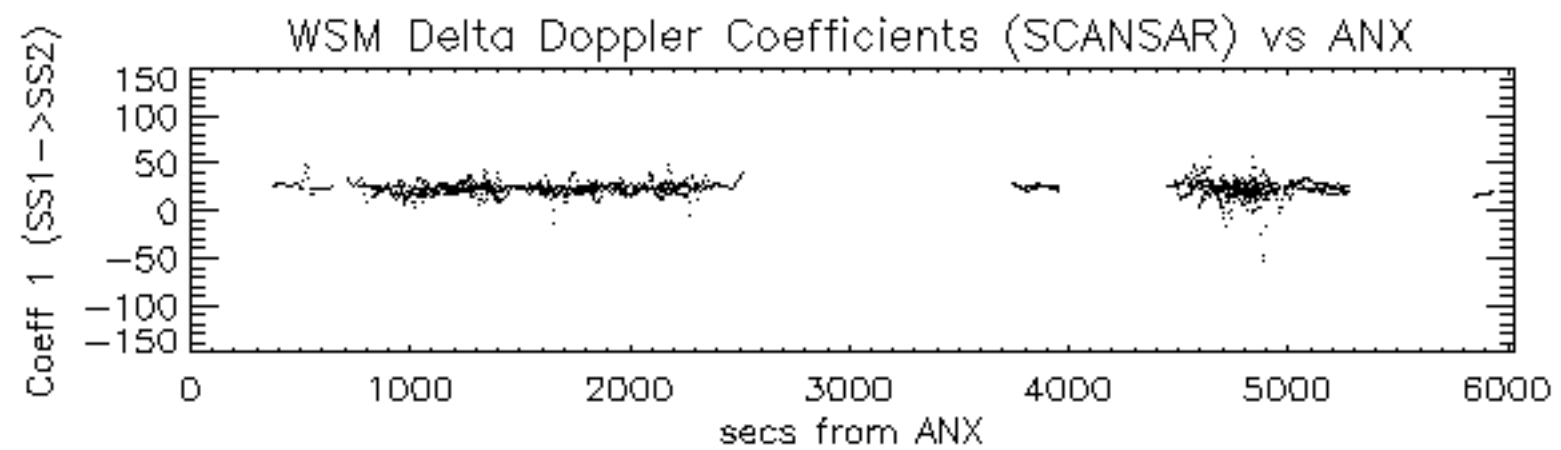


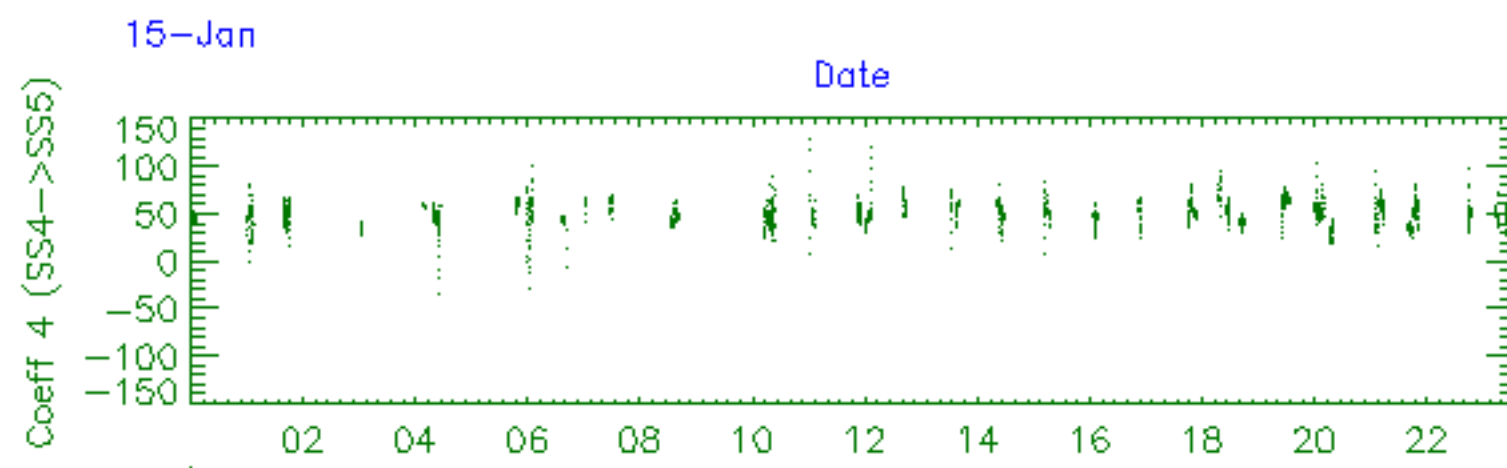
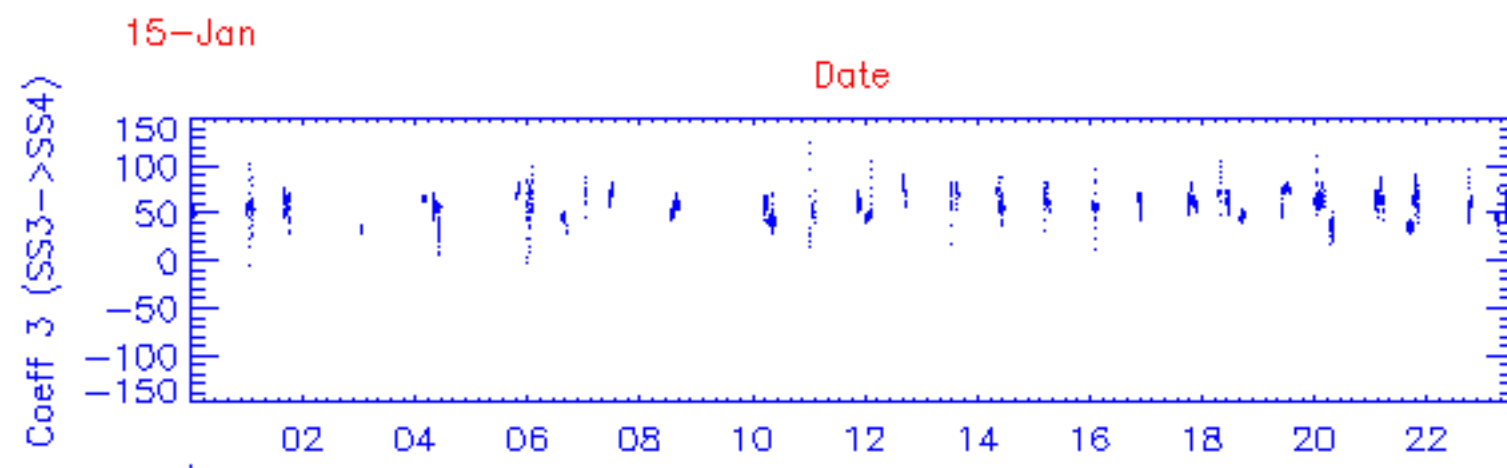
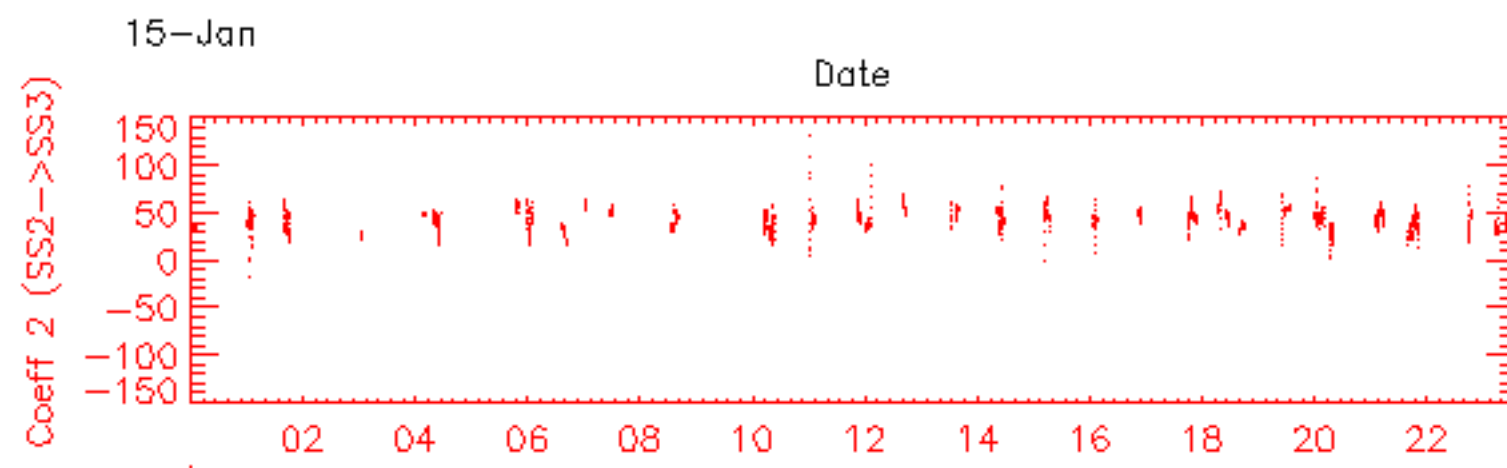
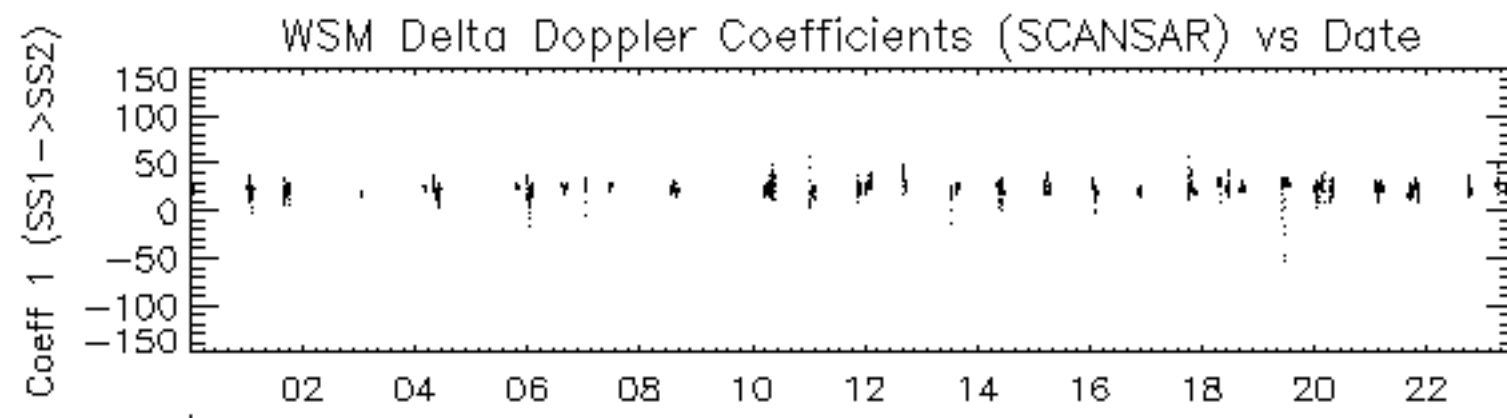












15-Jan  
Date











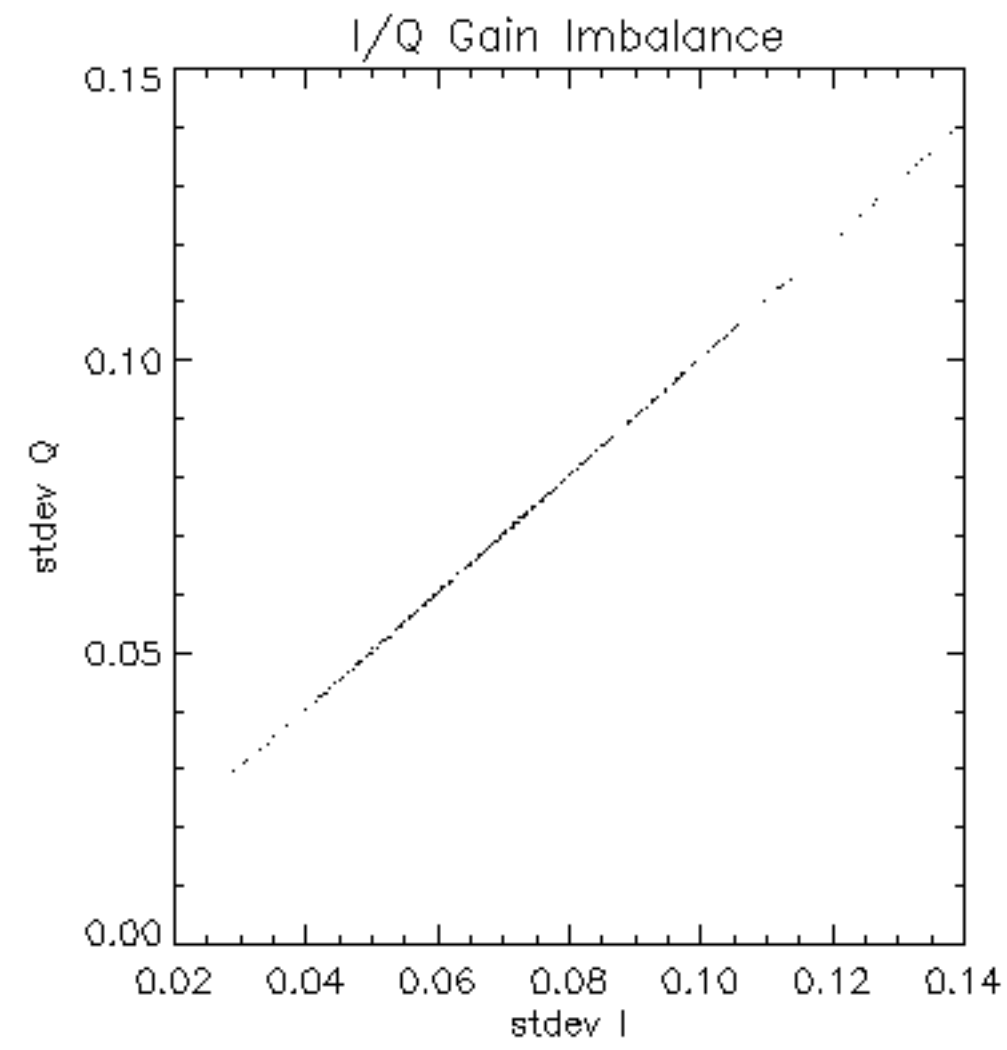


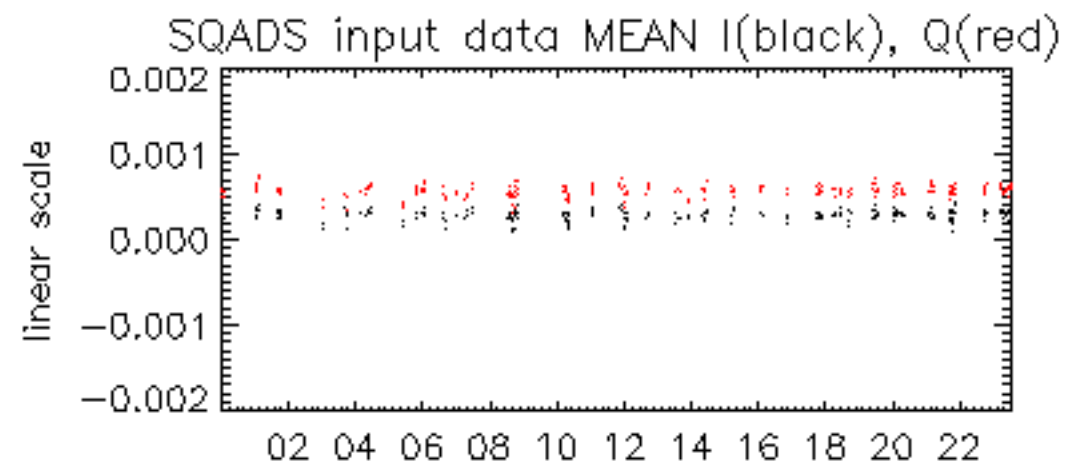




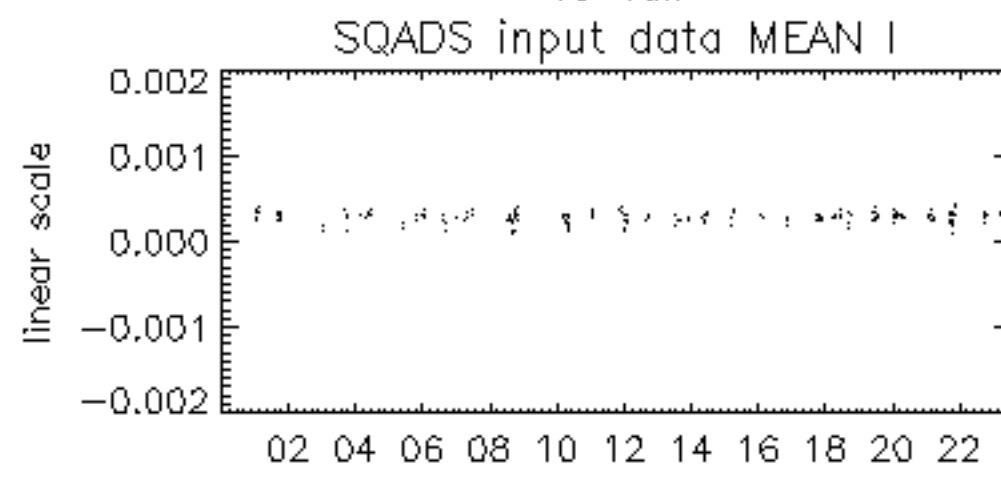




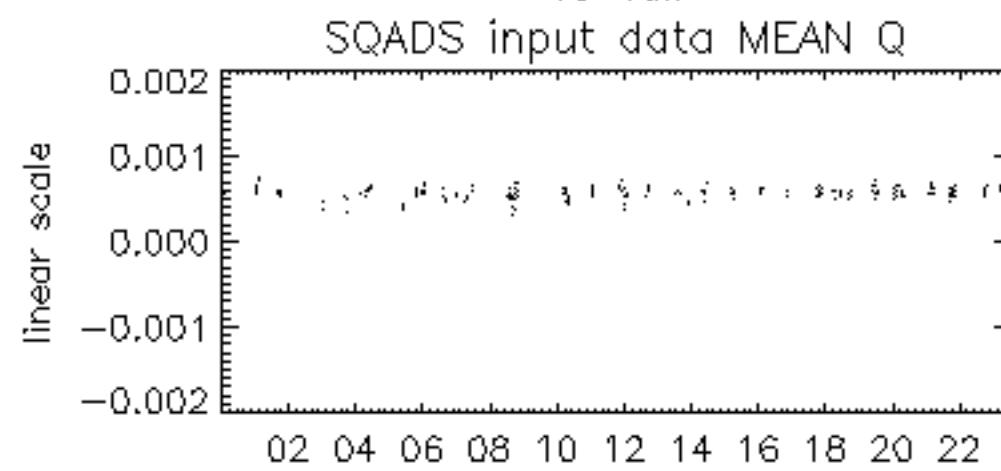




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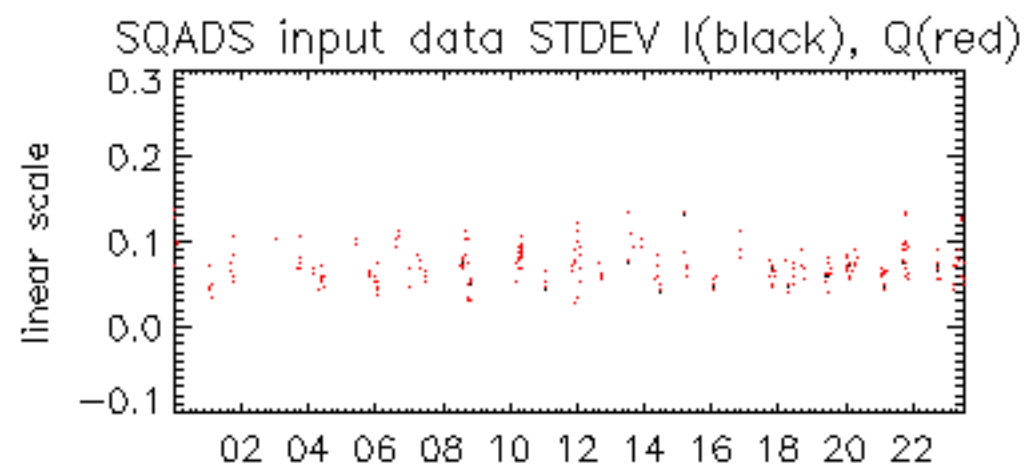


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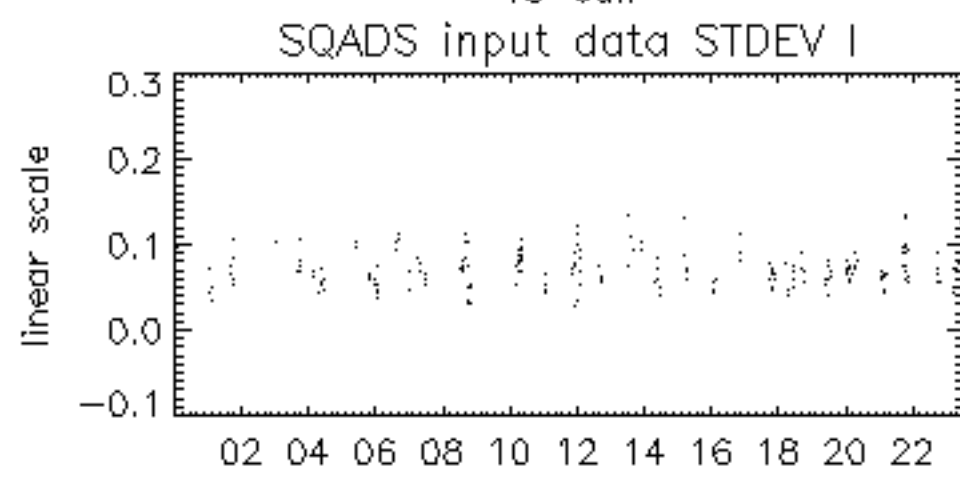


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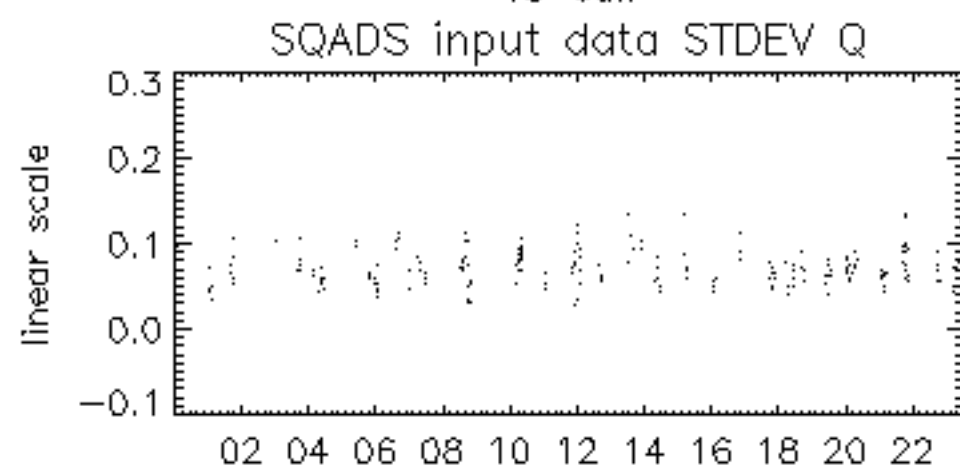




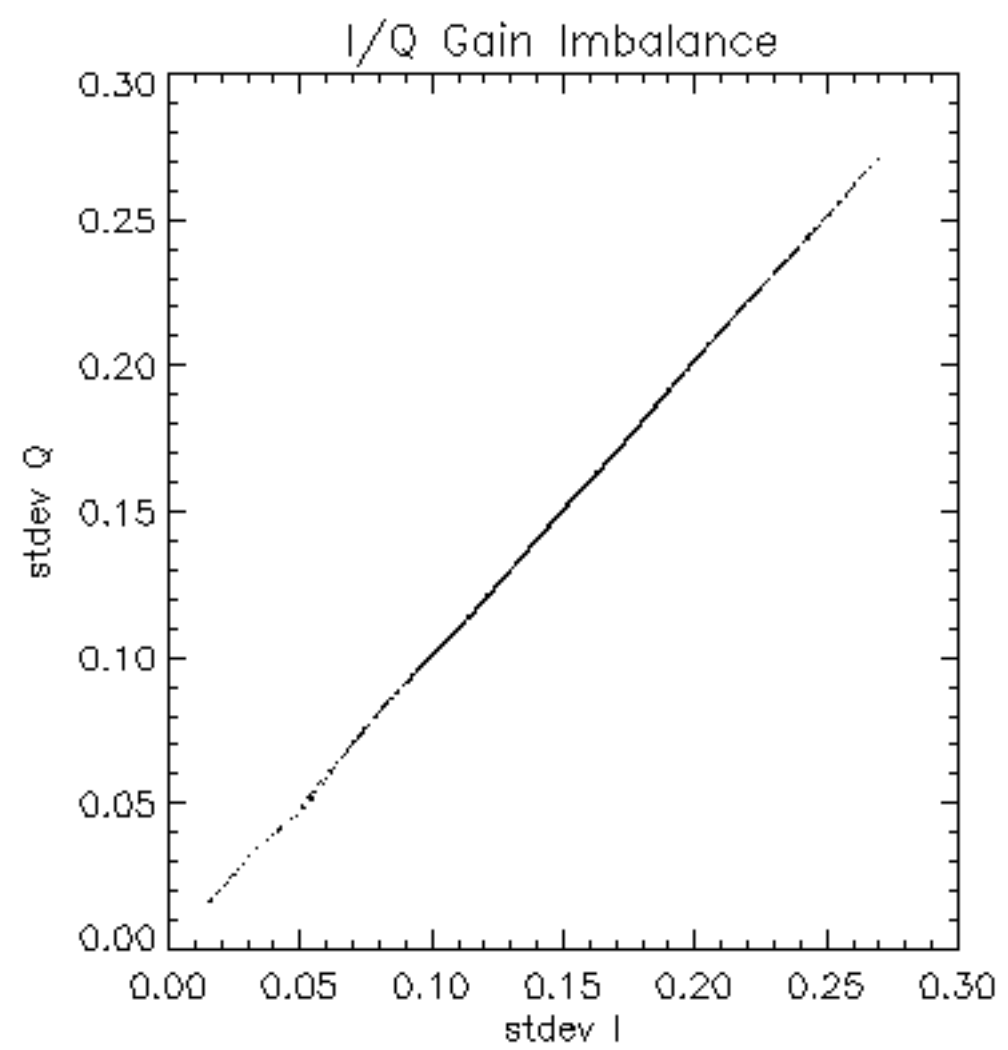
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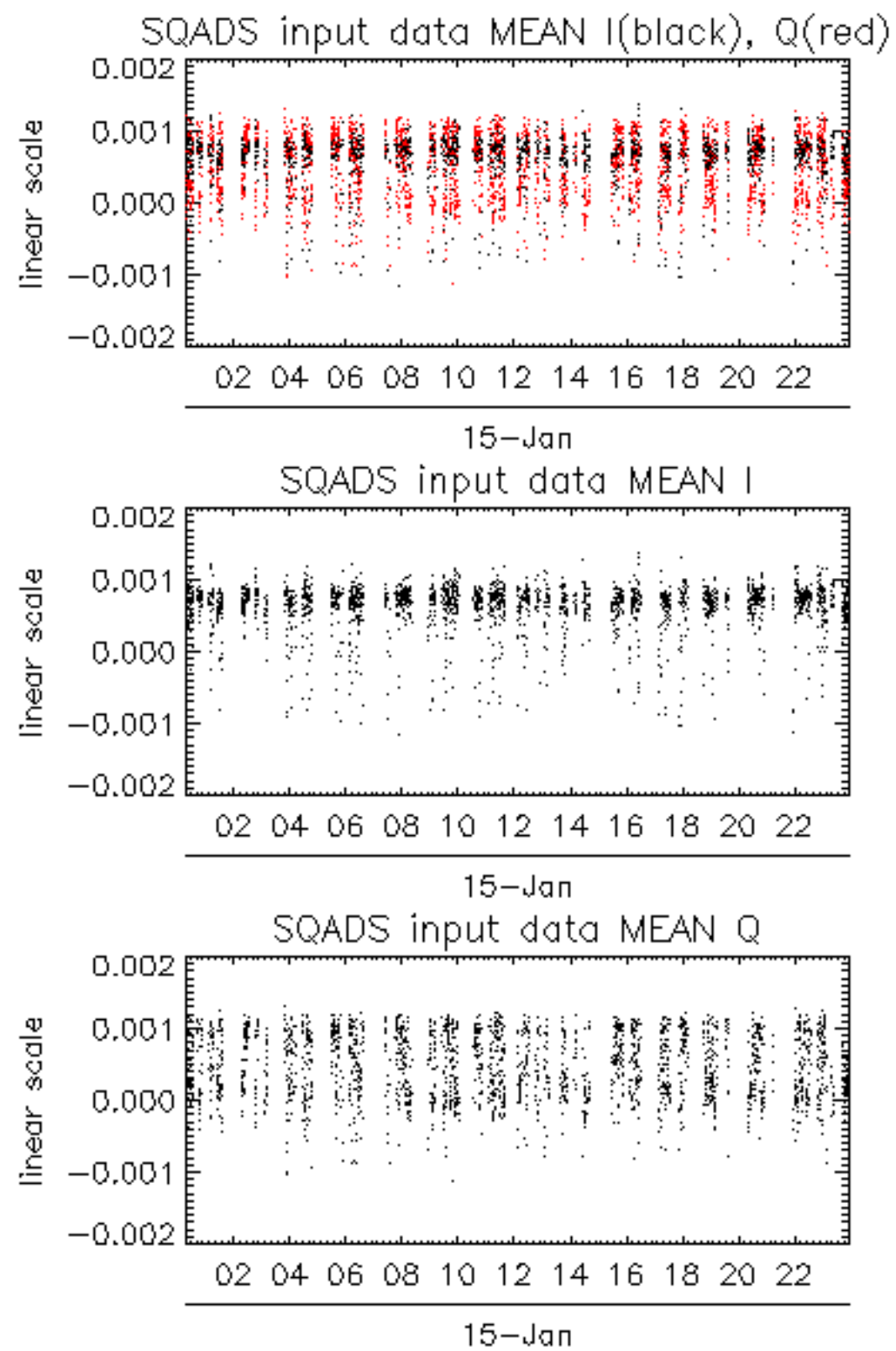


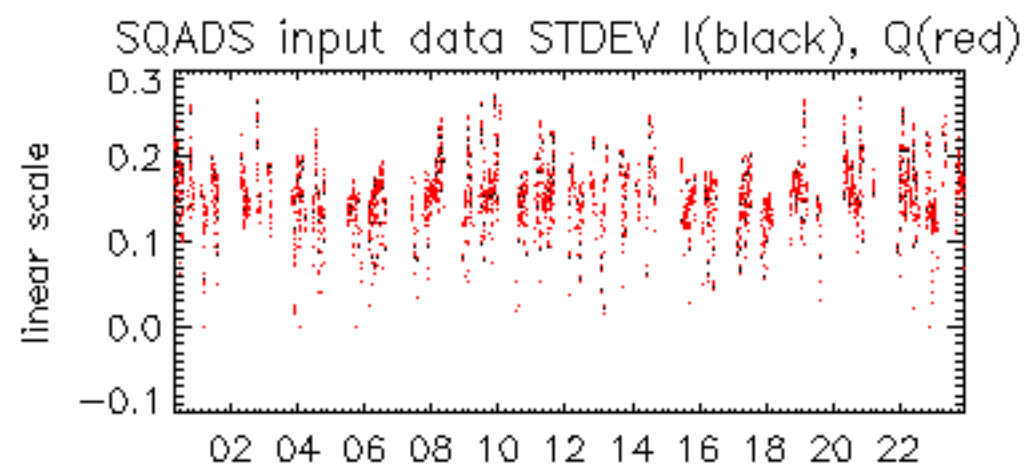
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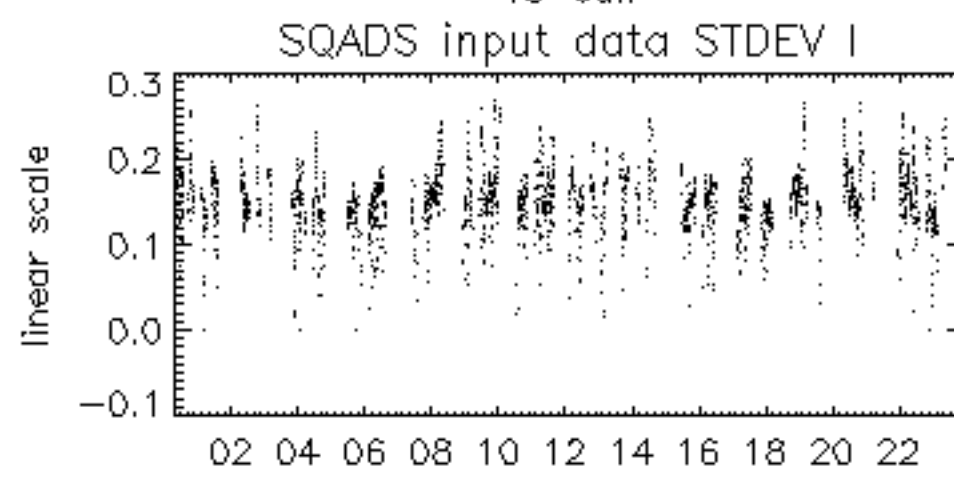
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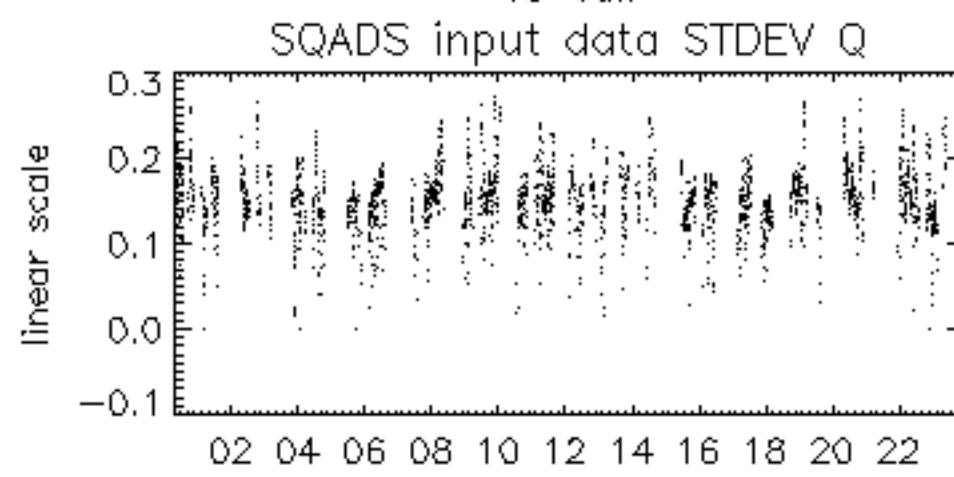




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