



Analysis from 16-APR-2010 00:00:00 to 16-APR-2010 23:59:59. Page generated on 17-APR-2010 07:32:22.  
View log file: ASAR\_Daily\_Report\_20100417\_0731.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.

## SUMMARY

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

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## 1 - DATA SUMMARY

### 1.1 - Summary tables

[ BACK TO MENU ]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	31	PDE	IS3	H/H	3	PDE	IS1	H/H	1	PDE	WS	H/H	26	PDK	2010-04-16 06:35:09	V	320
PDE	IS2	V/V	27	PDK	WS	H/H	33	PDE	IS4	H/H	1	PDE	IS2	H/H	1	PDE	WS	V/V	4				
PDK	IS2	V/V	13					PDK	IS1	H/H	1	PDE	IS2	V/V	17	PDK	WS	H/H	10				
								PDK	IS2	H/H	1	PDE	IS3	V/V	1								
								PDK	IS6	H/H	1	PDE	IS4	V/V	1								
												PDE	IS5	V/V	1								
												PDE	IS6	V/V	2								
												PDK	IS2	V/V	1								

## 1.2 - Lists of products used

[ BACK TO MENU ]

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

## 2 - AUXILIARY FILES ANALYSIS

### 2.1 - IECF operational ADFs list

[ BACK TO MENU ]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20091217_101713_20070204_165113_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100315_123052_20090501_000000_20110101_000000

### 2.2 - Products with wrong ADFs

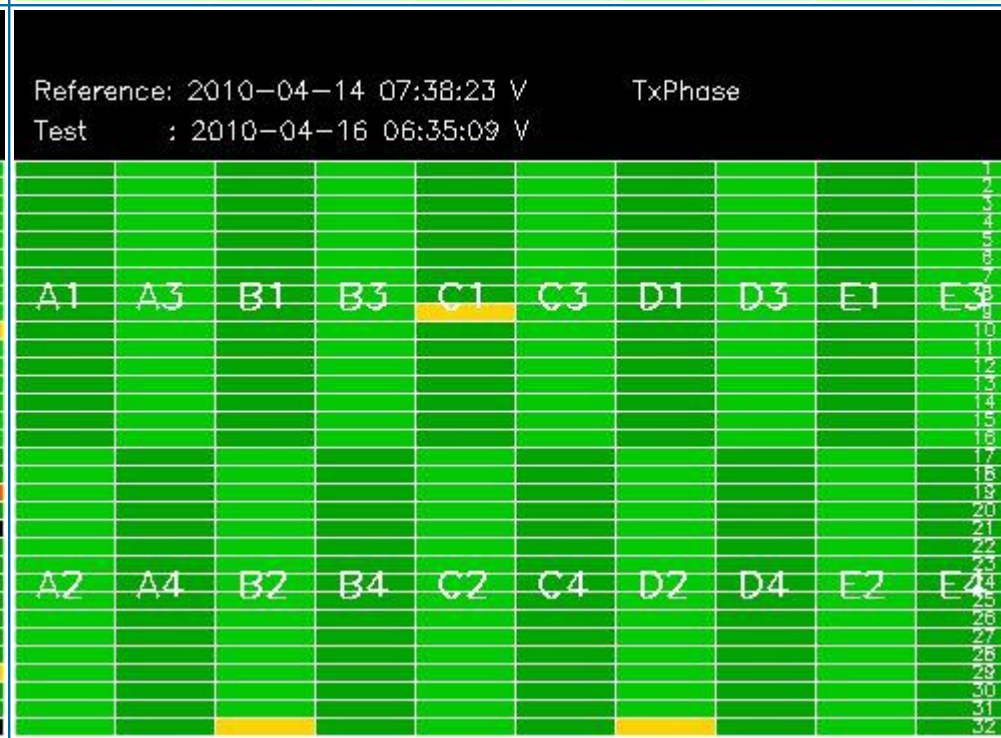
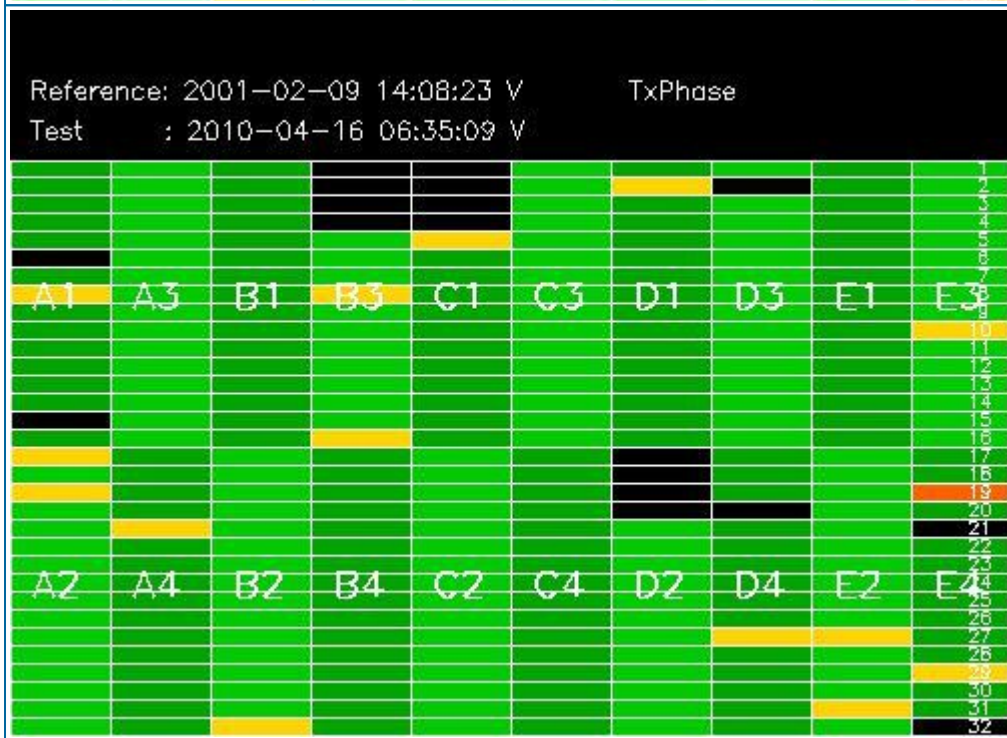
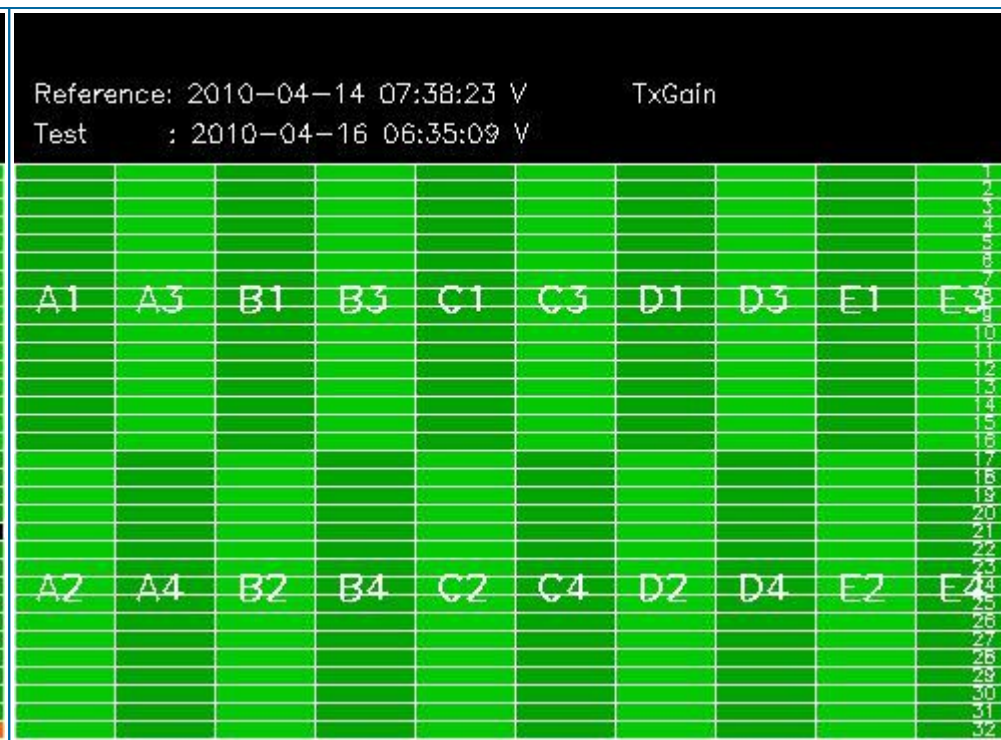
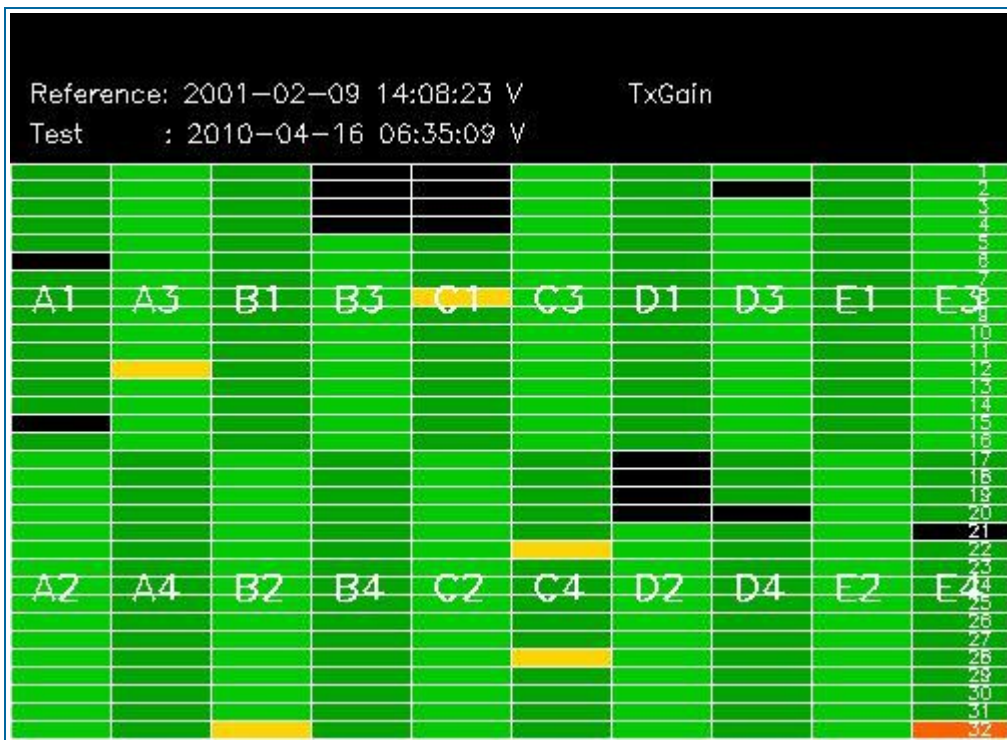
[ BACK TO MENU ]

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

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

### 3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE										PREVIOUS PRODUCT REFERENCE									
Pre-launch reference (2001-02-09)										Previous product in the same polarisation									
Reference: 2001-02-09 14:08:23 V RxGain Test : 2010-04-16 06:35:09 V										Reference: 2010-04-14 07:38:23 V RxGain Test : 2010-04-16 06:35:09 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4
Reference: 2001-02-09 14:08:23 V RxPhase Test : 2010-04-16 06:35:09 V										Reference: 2010-04-14 07:38:23 V RxPhase Test : 2010-04-16 06:35:09 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4

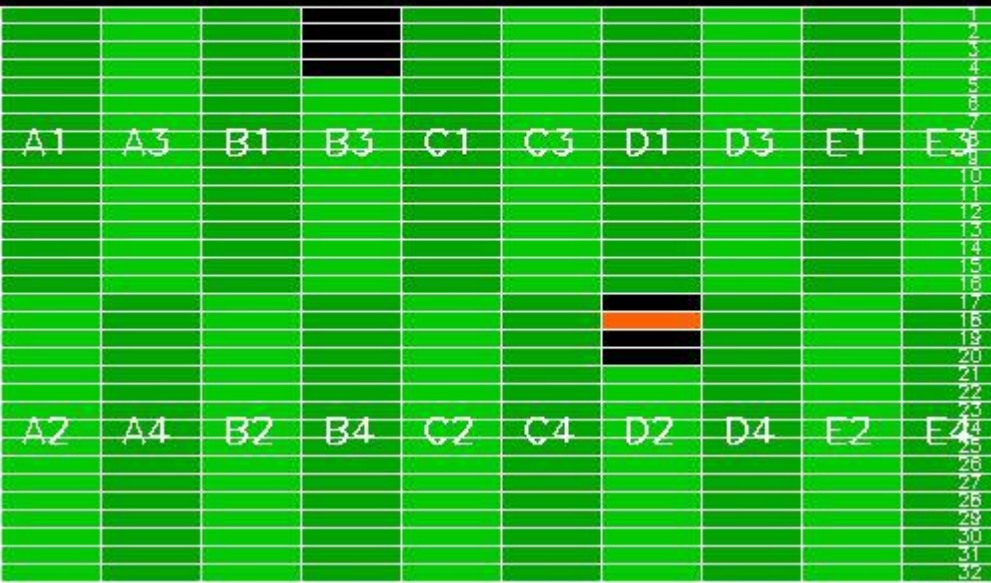


### 3.2 - H/H polarisation

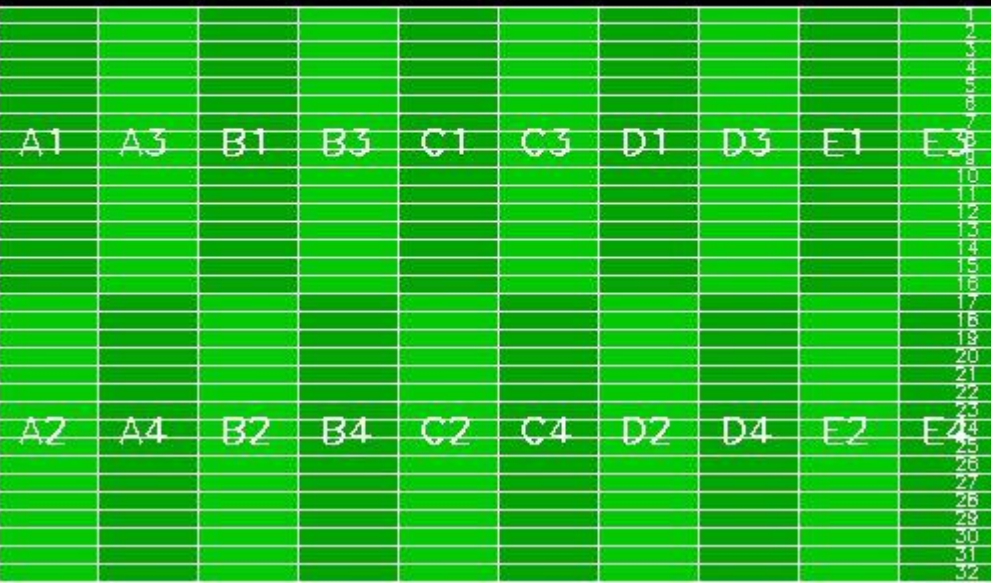
[ [BACK TO MENU](#) ]

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

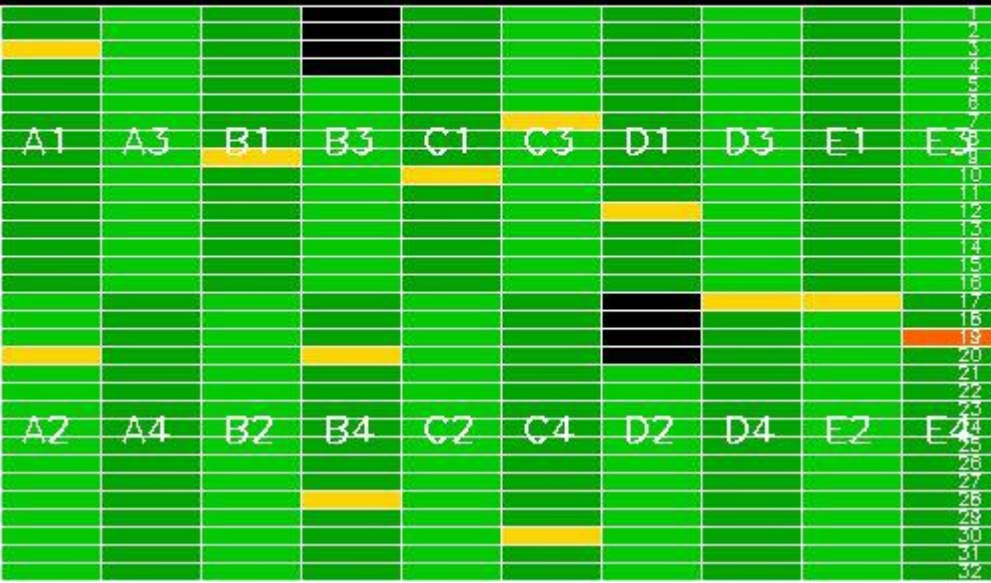
Reference: 2001-02-09 13:50:42 H RxGain  
 Test : 2010-04-15 07:06:46 H



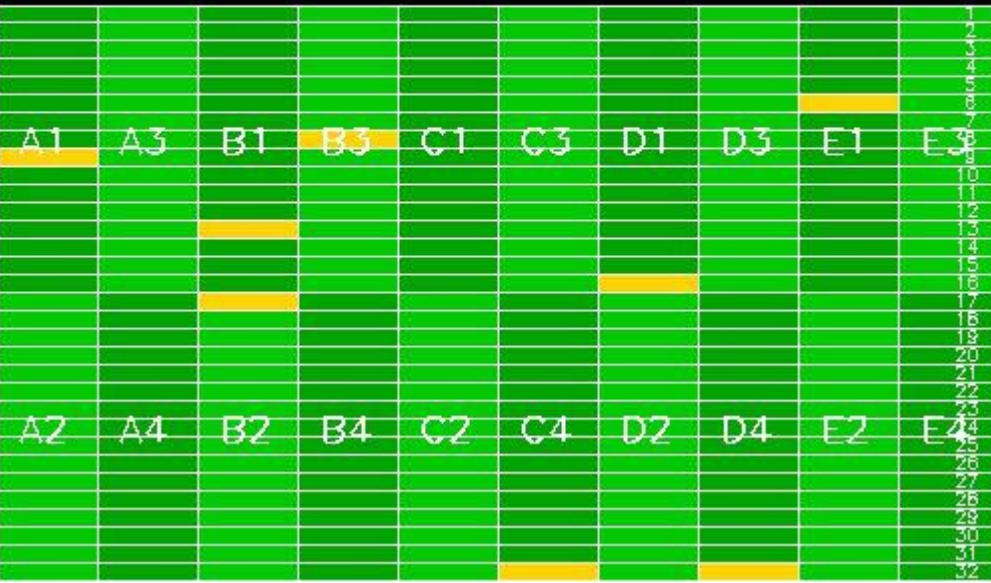
Reference: 2010-04-13 08:10:01 H RxGain  
 Test : 2010-04-15 07:06:46 H



Reference: 2001-02-09 13:50:42 H RxPhase  
 Test : 2010-04-15 07:06:46 H



Reference: 2010-04-13 08:10:01 H RxPhase  
 Test : 2010-04-15 07:06:46 H





## 4 - CALIBRATION PULSES ANALYSIS

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

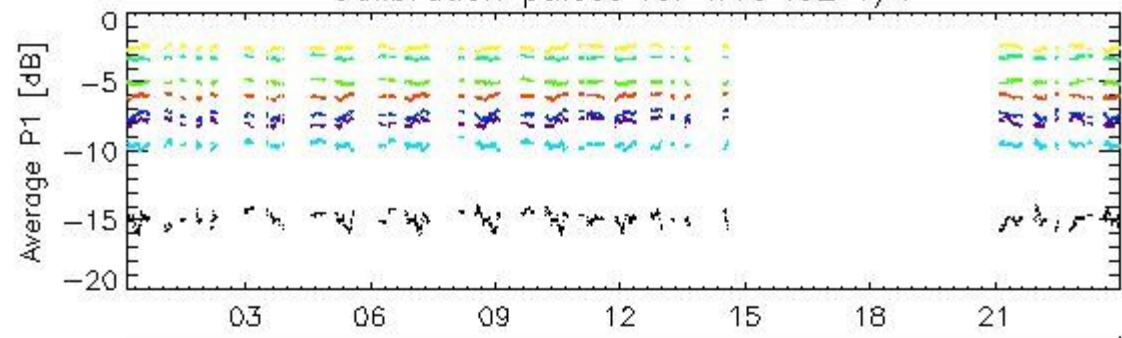
#### 4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[ BACK TO MENU ]

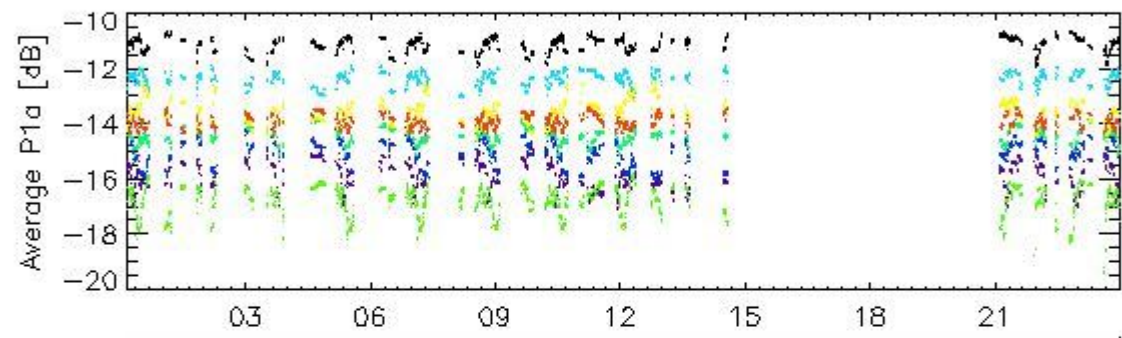
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

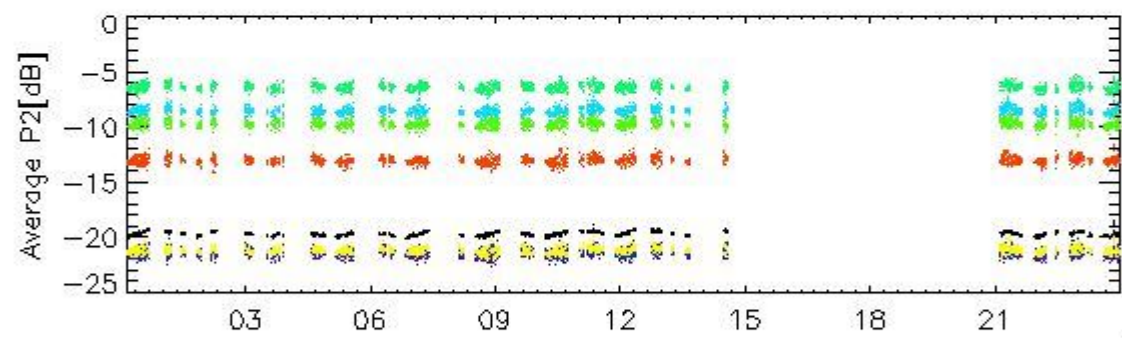
Calibration pulses for WVS IS2 V/V



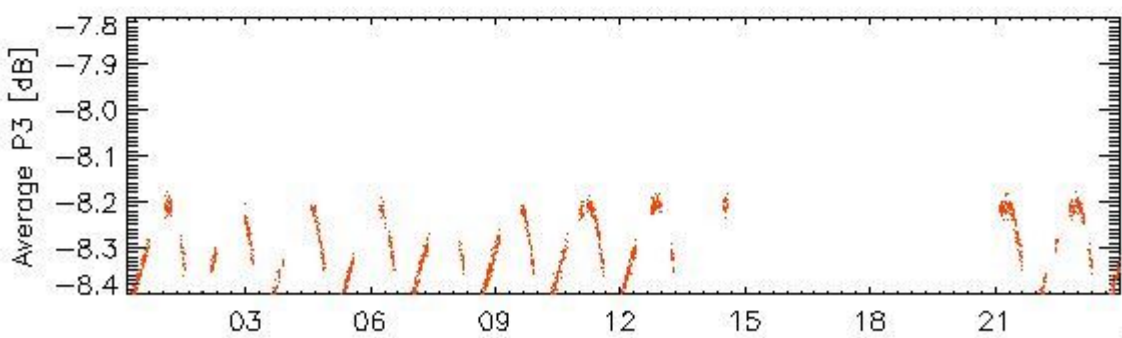
17-Apr



17-Apr



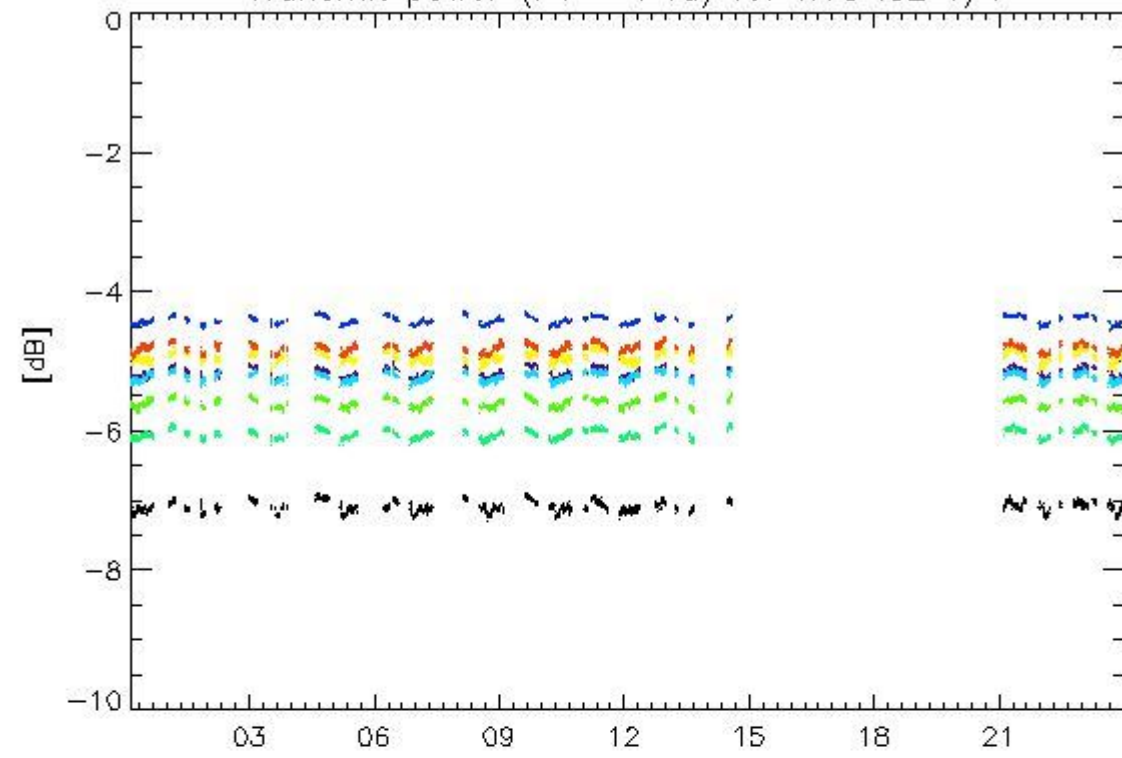
17-Apr



17-Apr

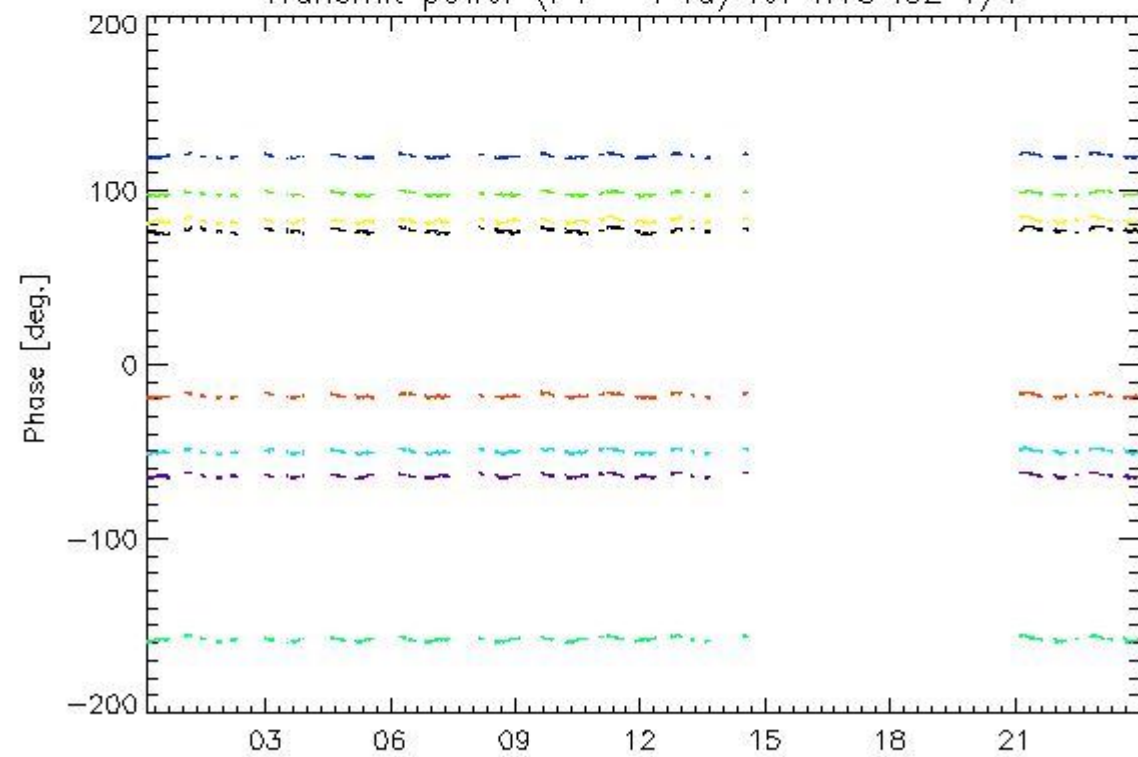
rows: \_ 1 \_ 5 \_ 9 \_ 13 \_ 17 \_ 21 \_ 25 \_ 29

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



17-Apr

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

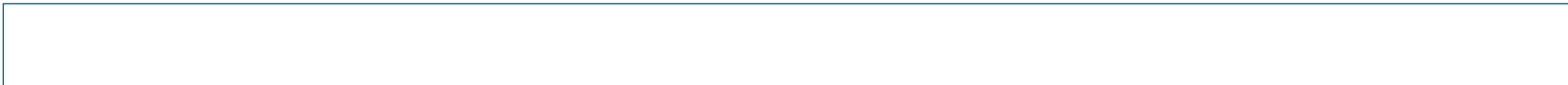


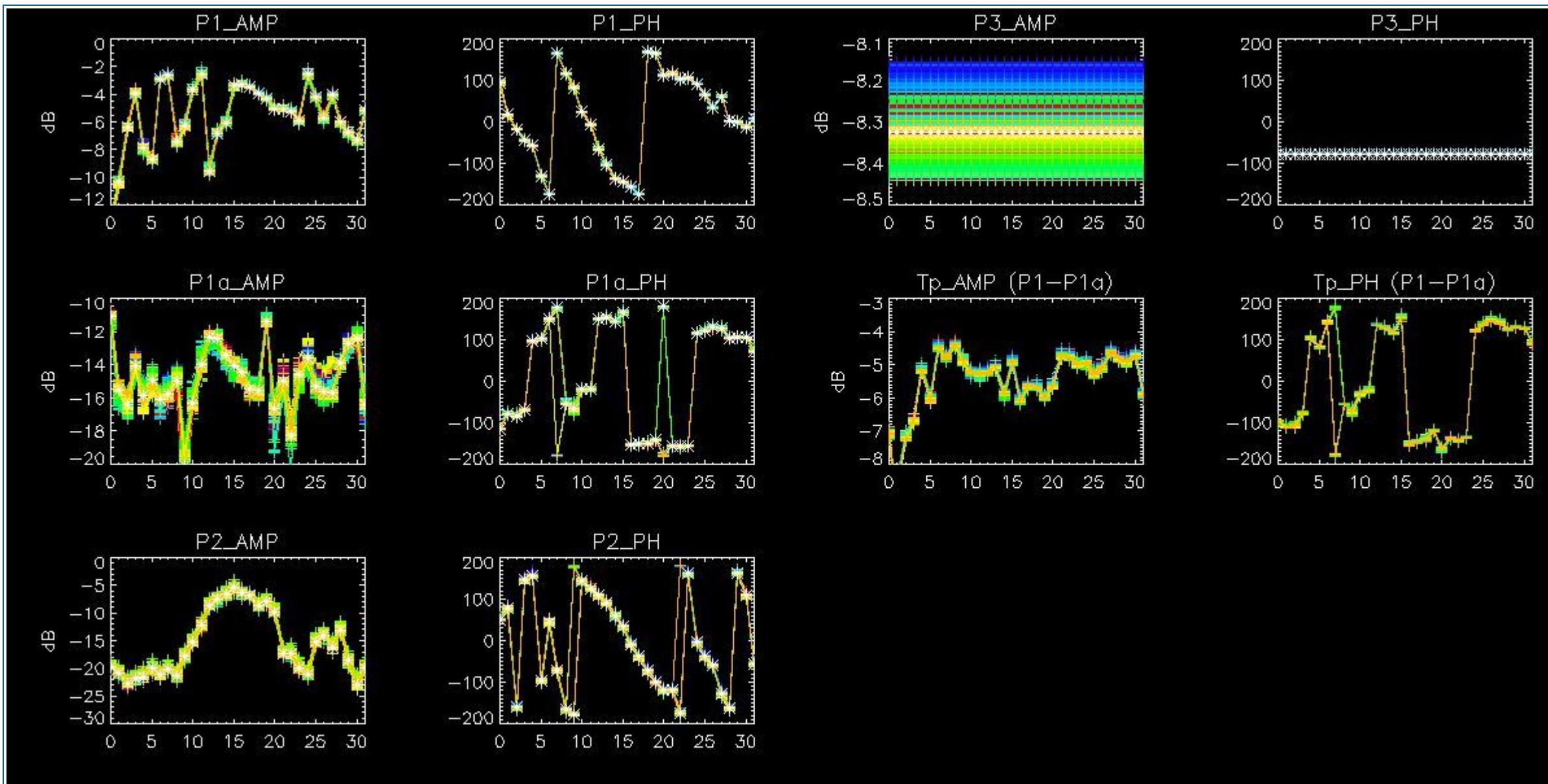
17-Apr

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

4.1.2 - All Rows Analysis for WVS IS2 V/V

[ BACK TO MENU ]





## 4.2 - Analysis for GM1 SS3 H/H

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

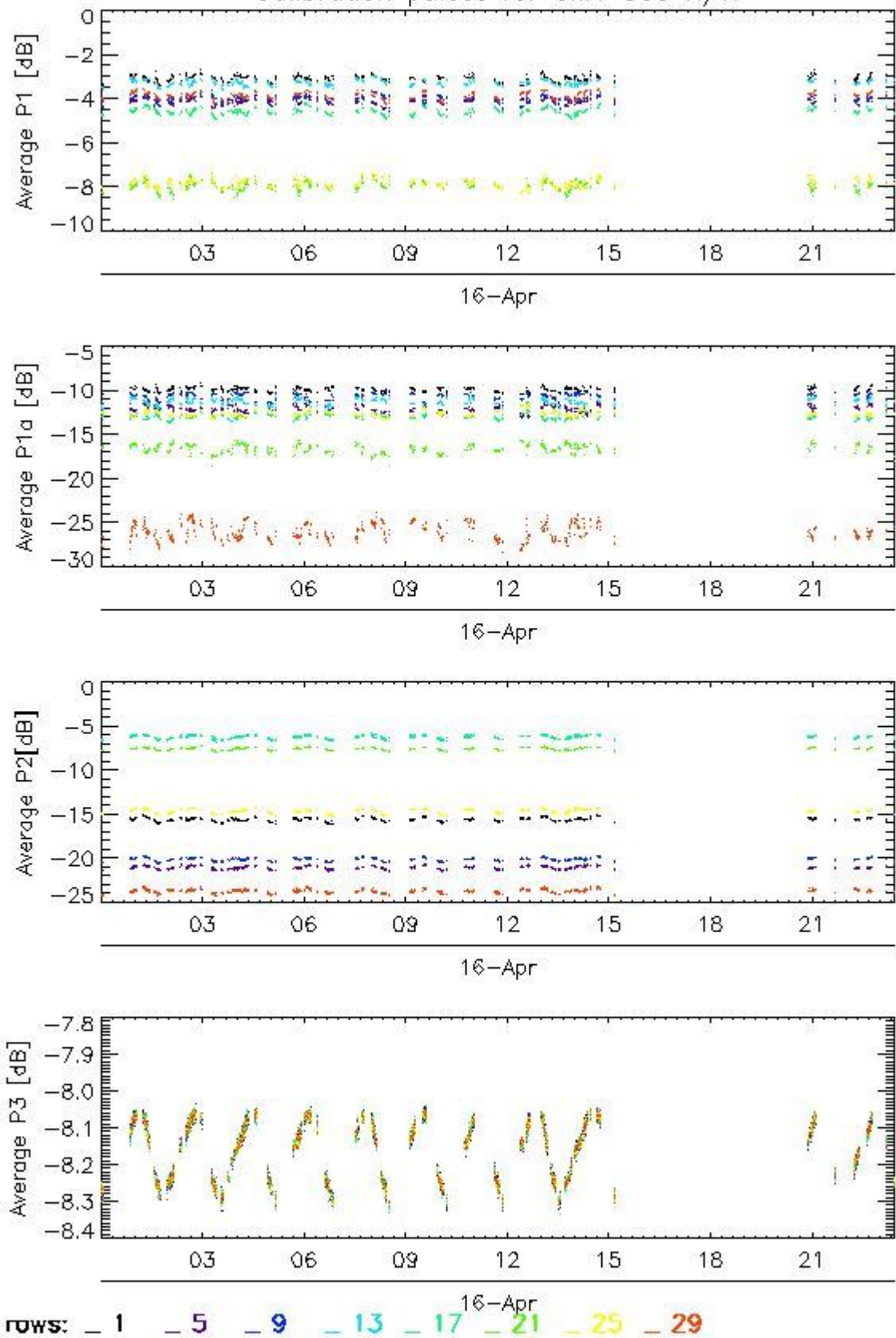
[ BACK TO MENU ]

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

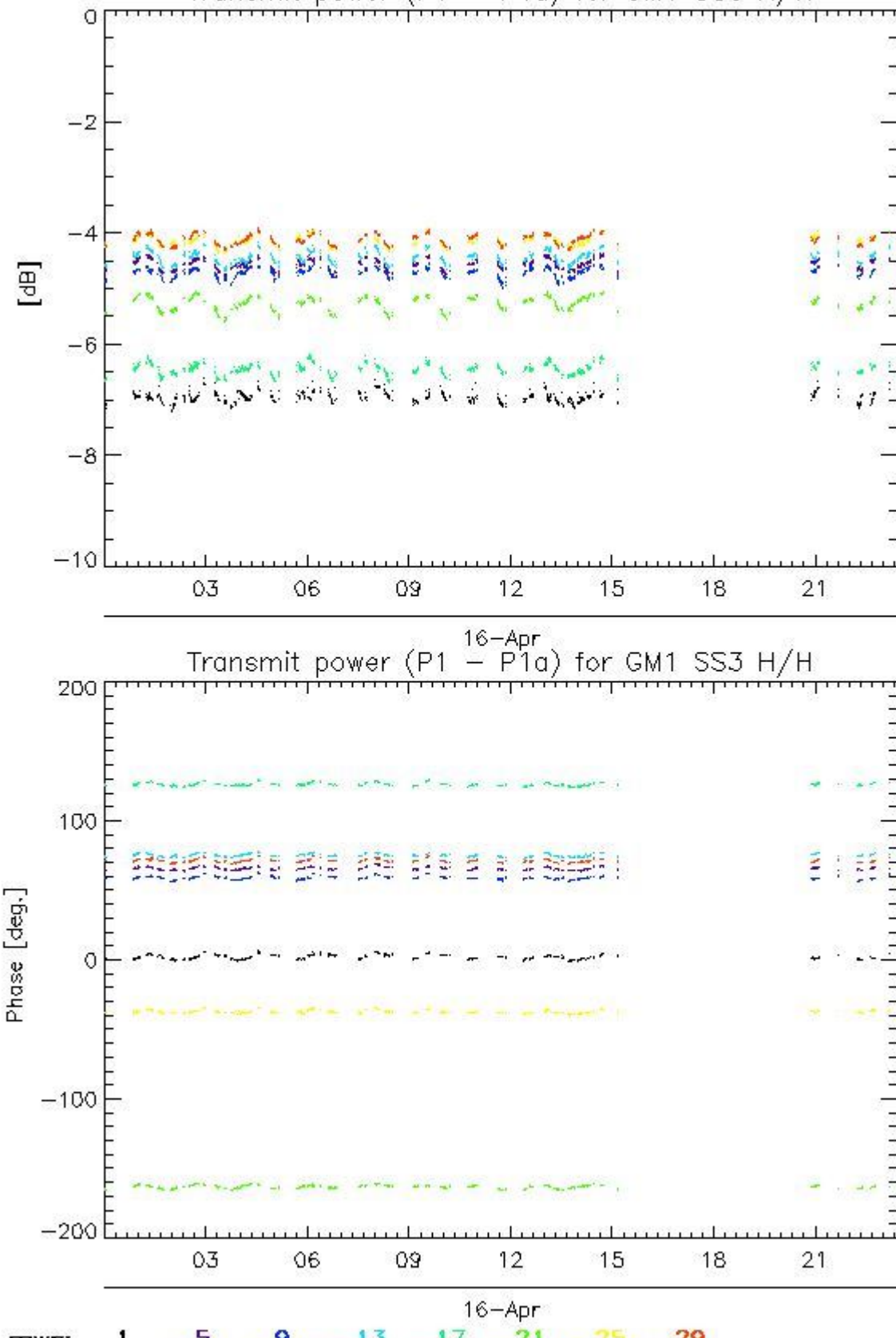
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]



Calibration pulses for GM1 SS3 H/H

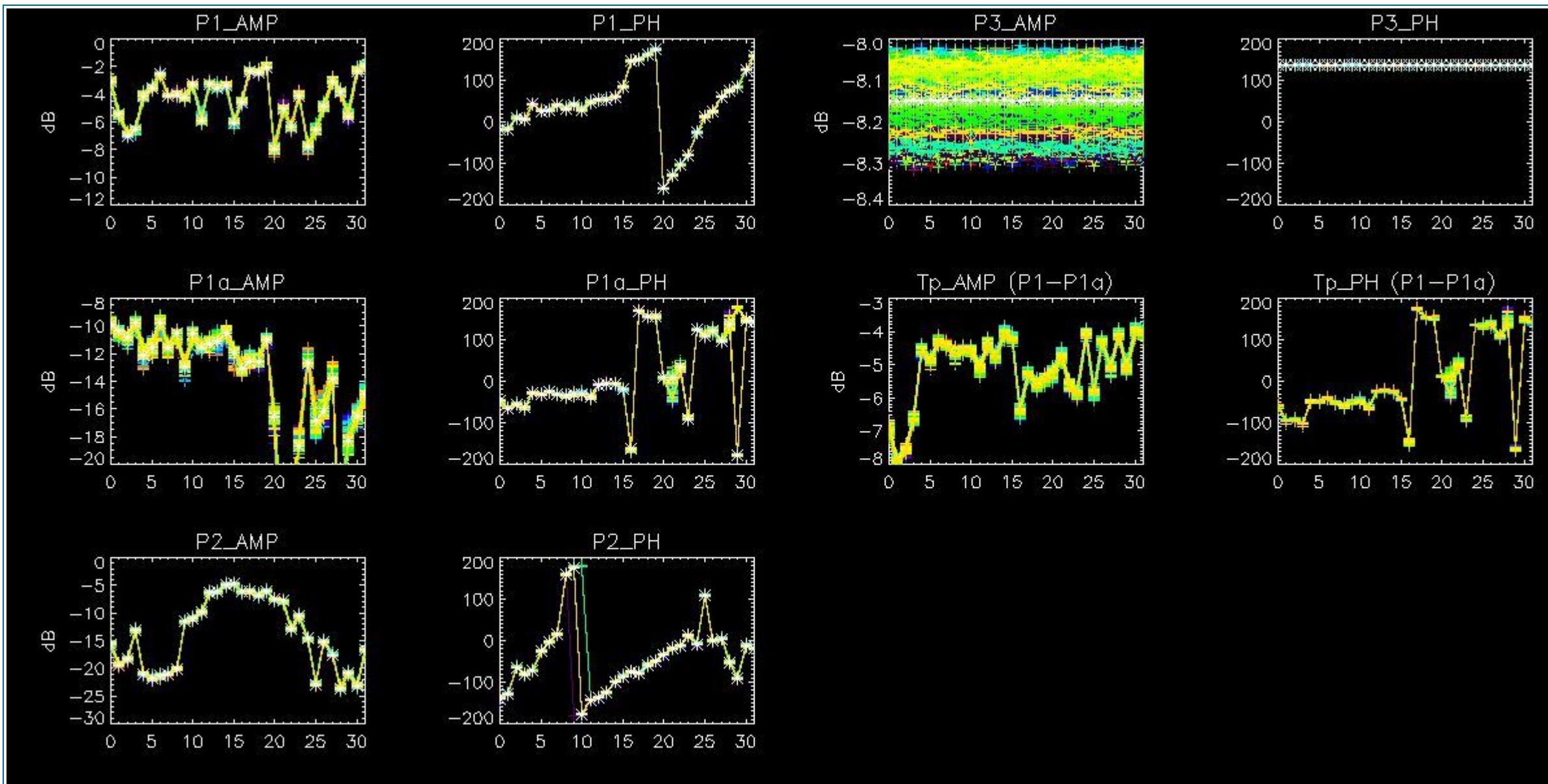


Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[ BACK TO MENU ]



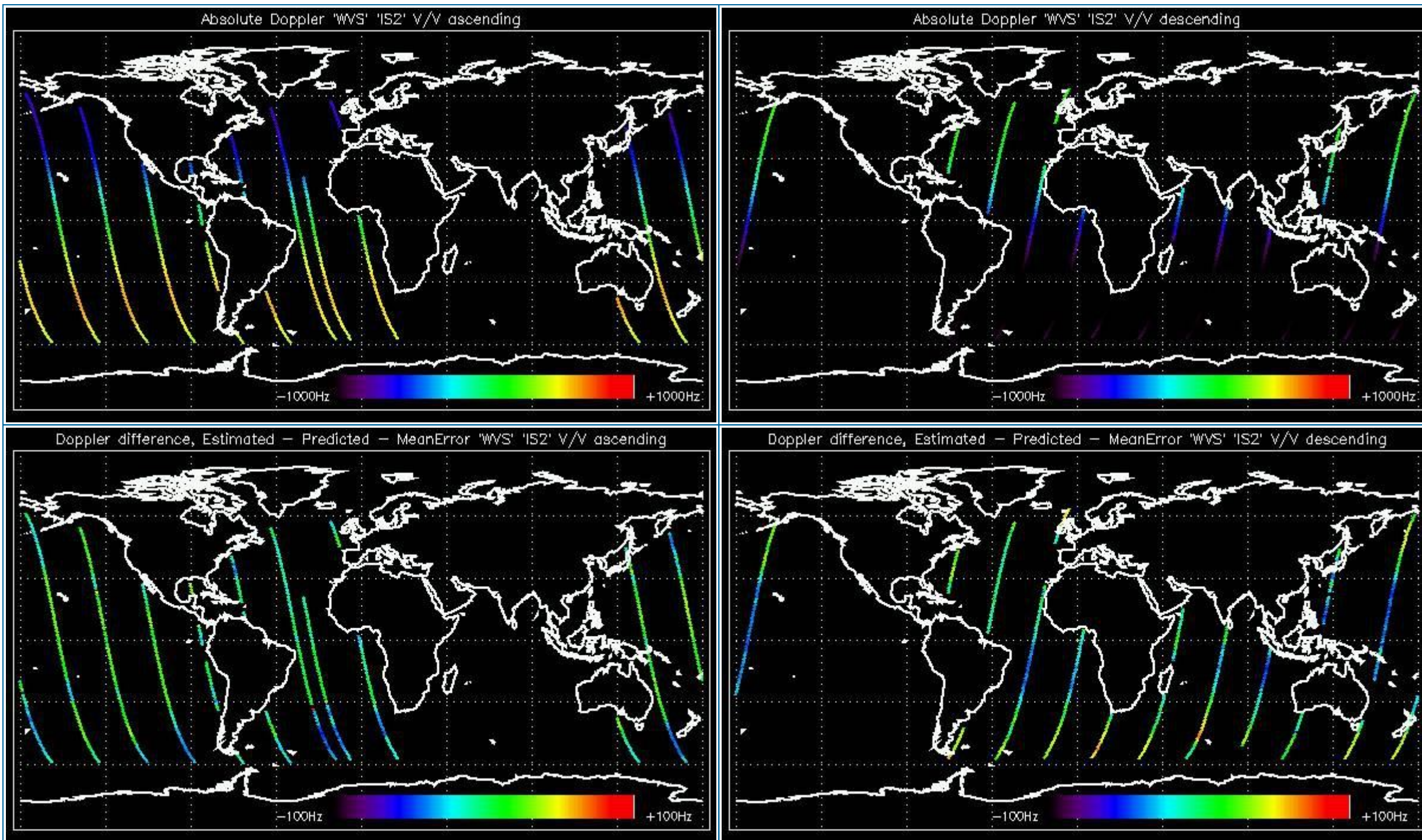
## 5 - DOPPLER ANALYSIS

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

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

[ [BACK TO MENU](#) ]

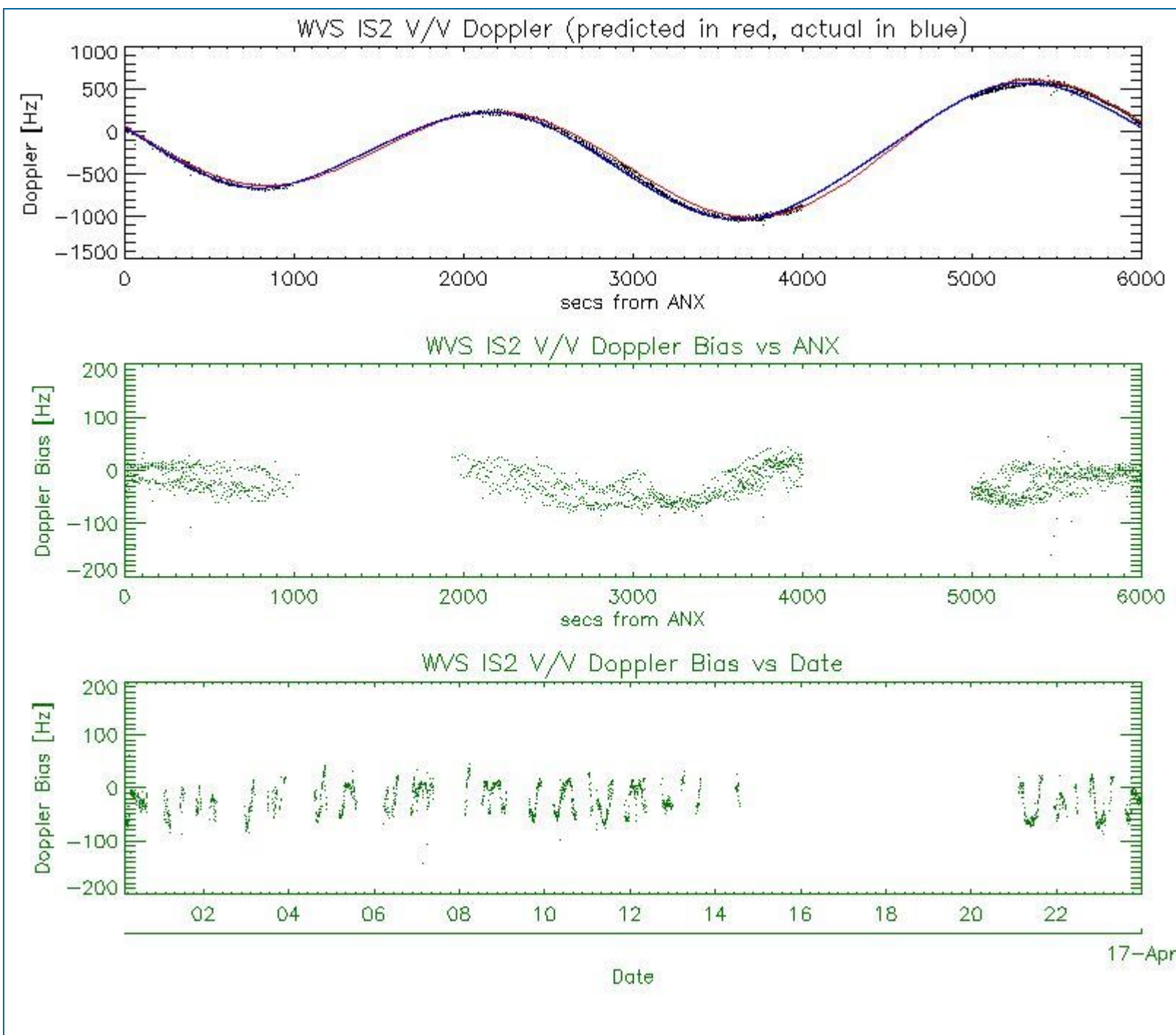




### 5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[ [BACK TO MENU](#) ]



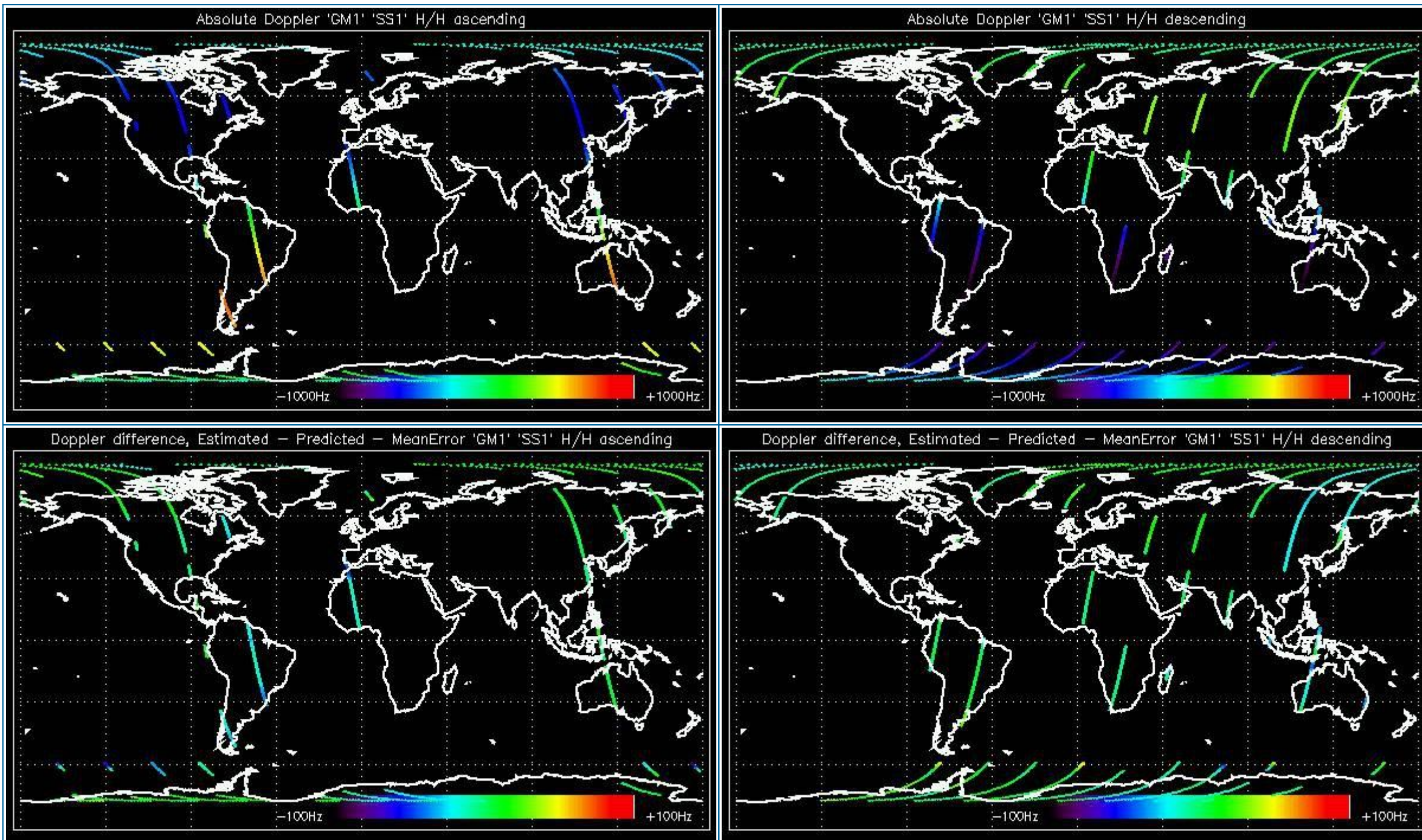


## 5.2 - Analysis for GM1 SS1 H/H

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

[ [BACK TO MENU](#) ]

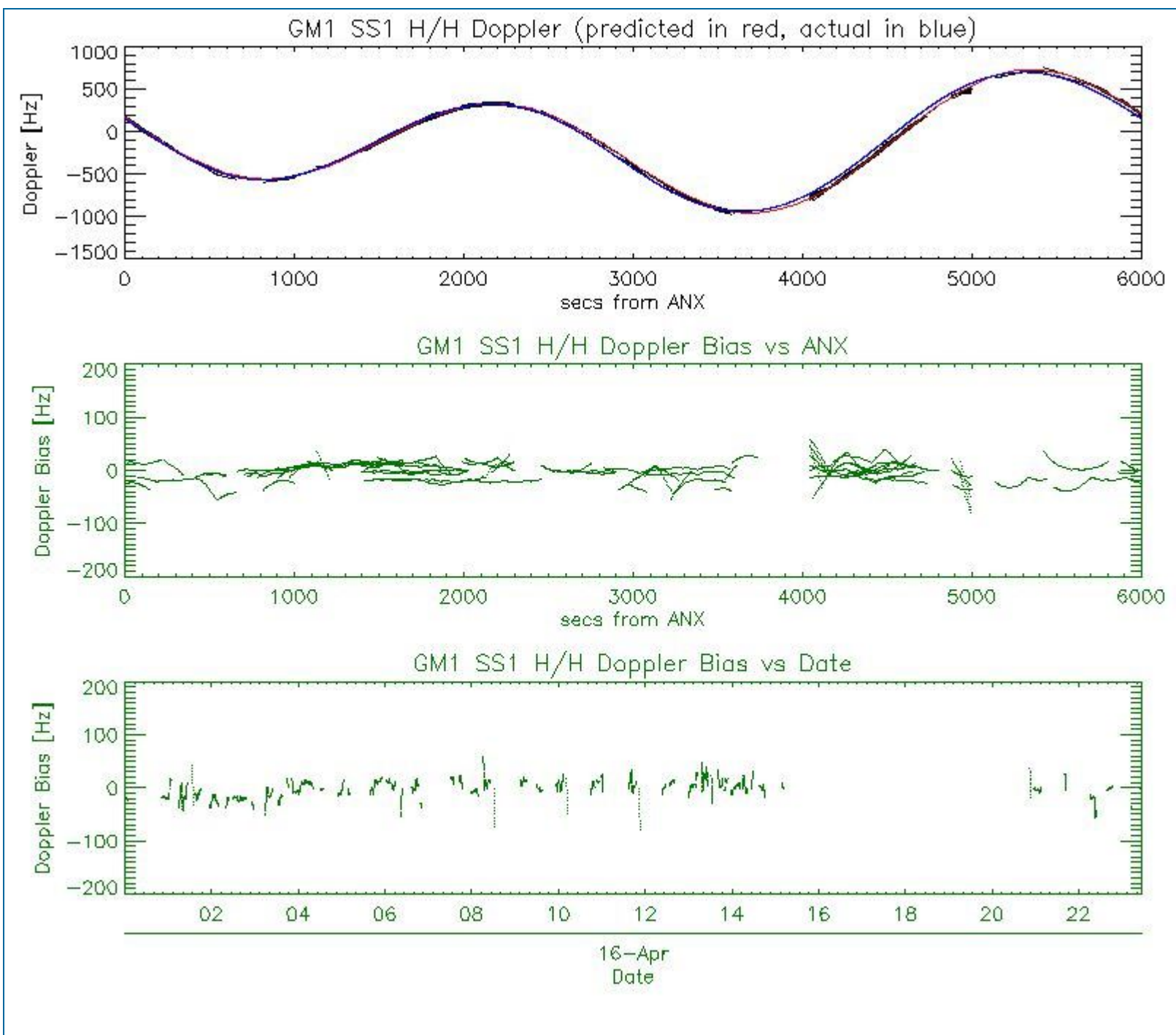




### 5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[ [BACK TO MENU](#) ]

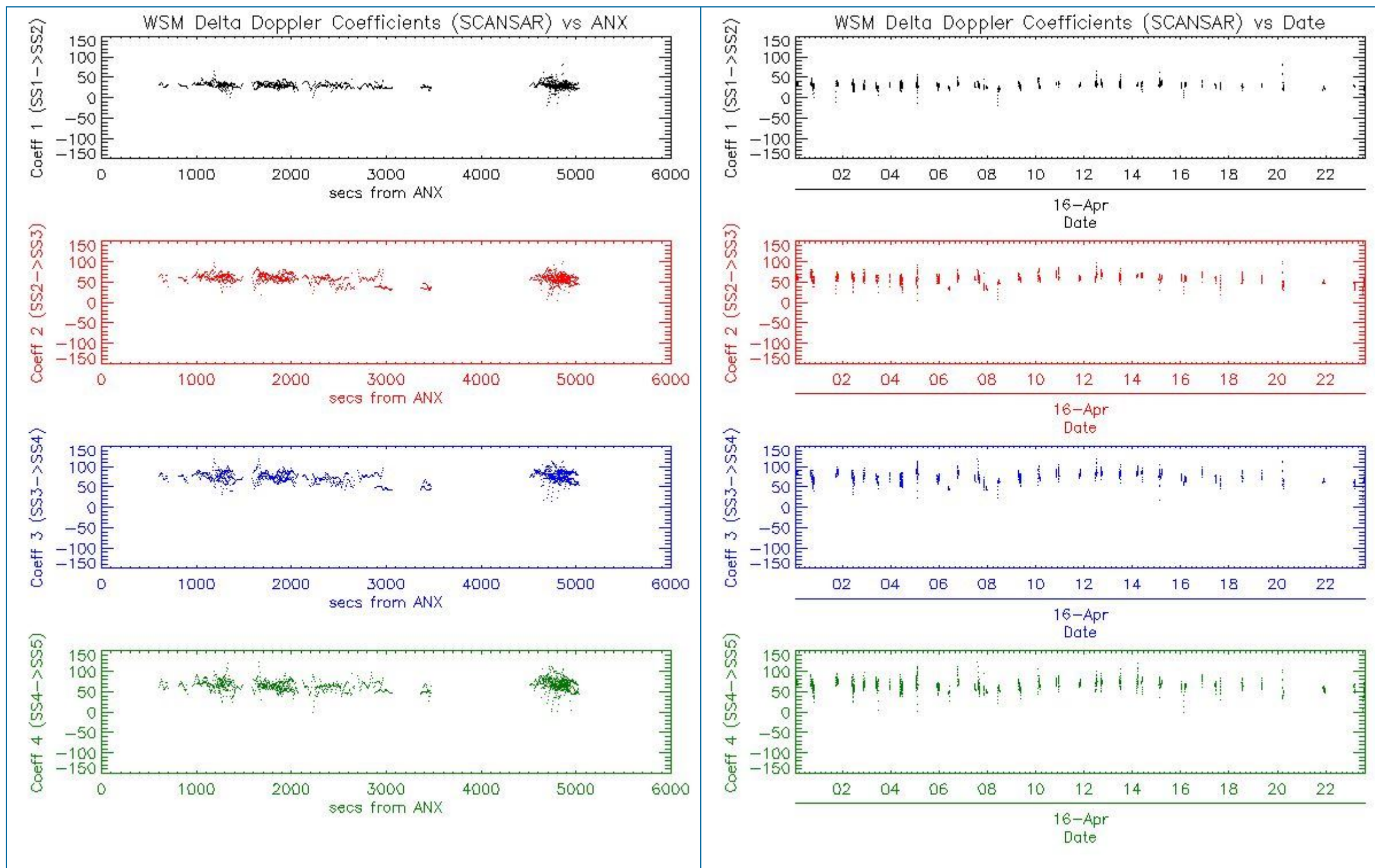




### 5.3 - Doppler JUMPS Analysis for WSM

[ BACK TO MENU ]





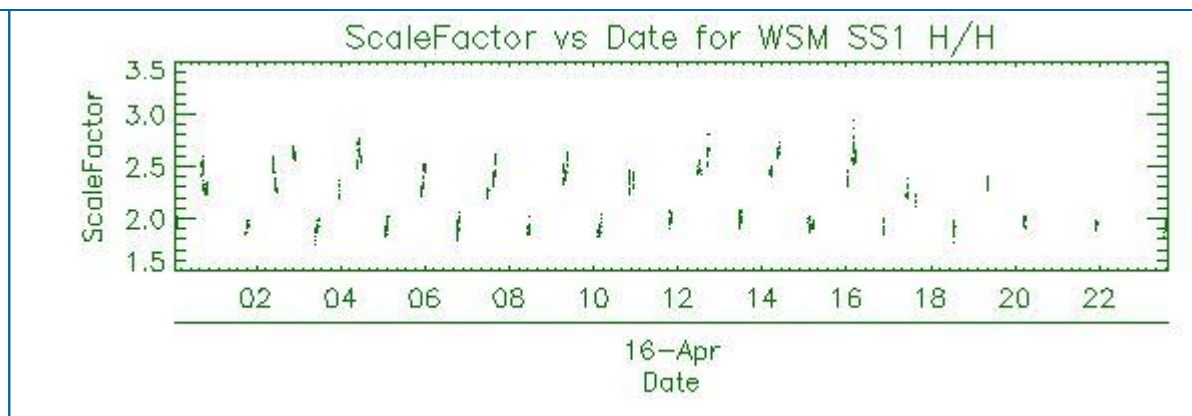
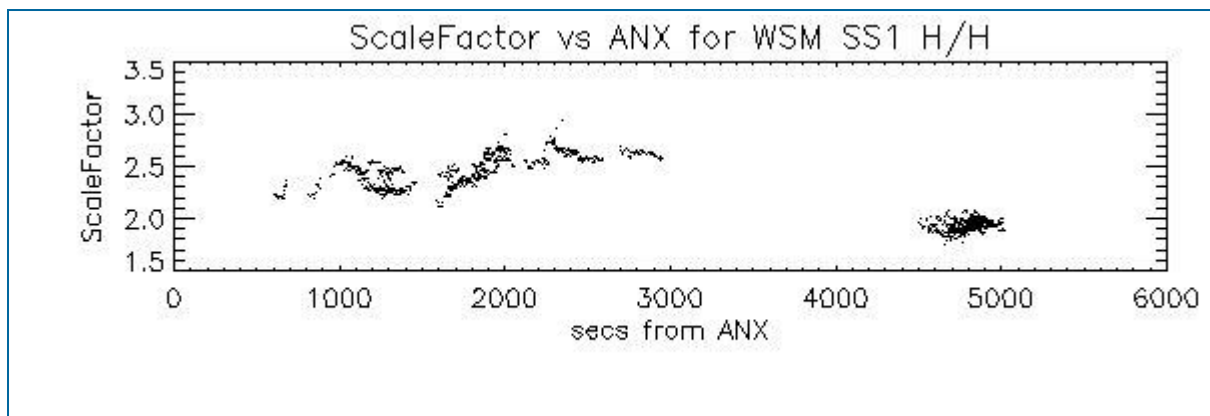
## 6 - CHIRP ANALYSIS

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

#### 6.1.1 - ScaleFactor

[ BACK TO MENU ]

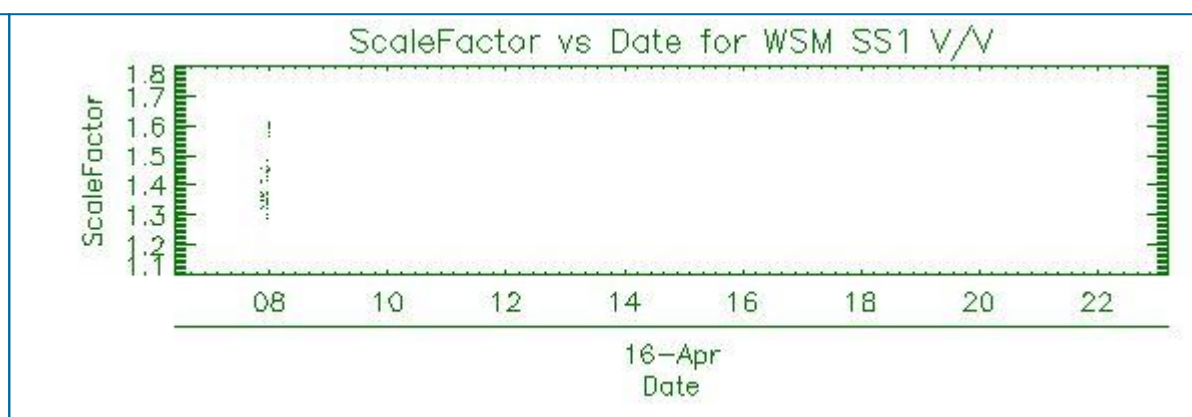
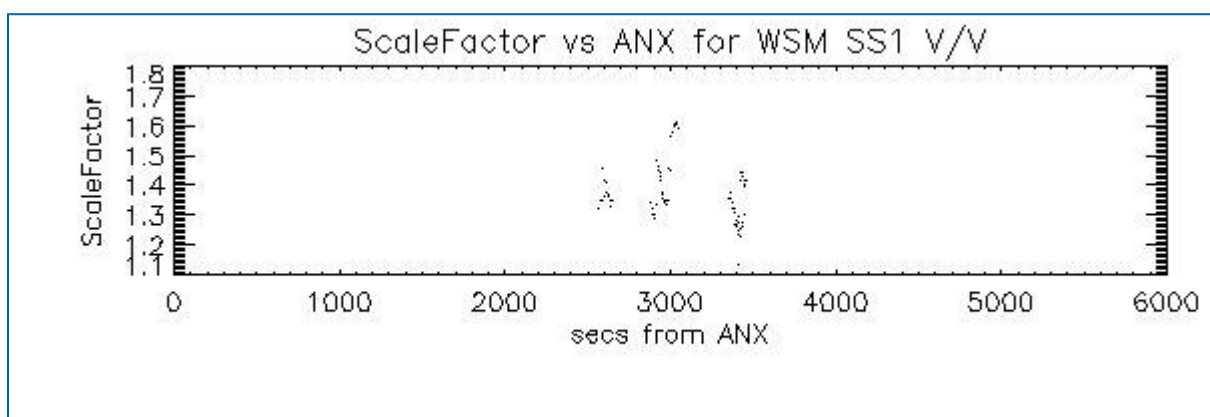




## 6.2 - Analysis for WSM SS1 V/V

### 6.2.1 - ScaleFactor

[ [BACK TO MENU](#) ]



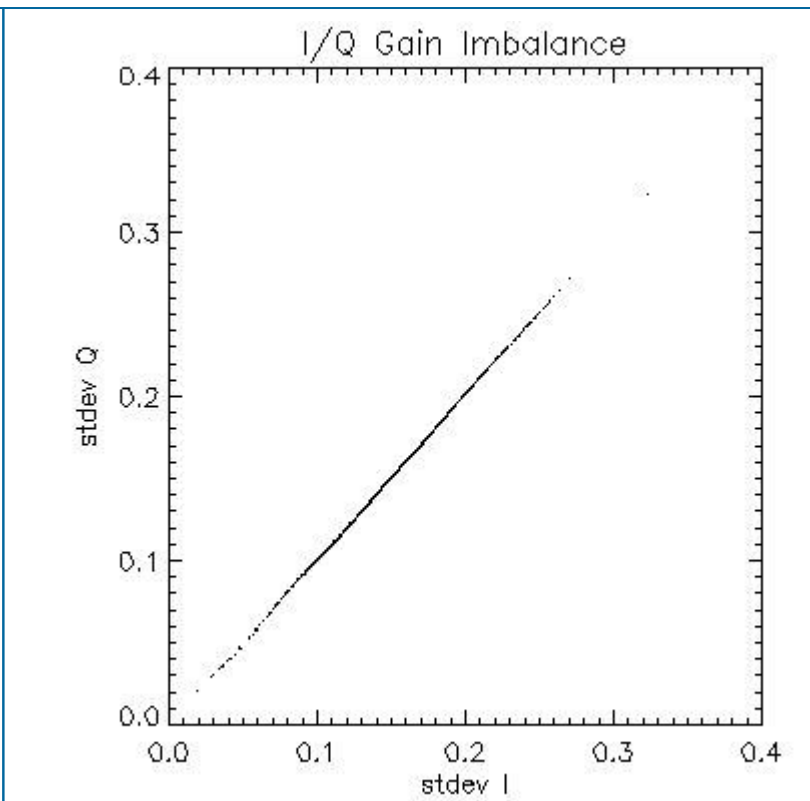
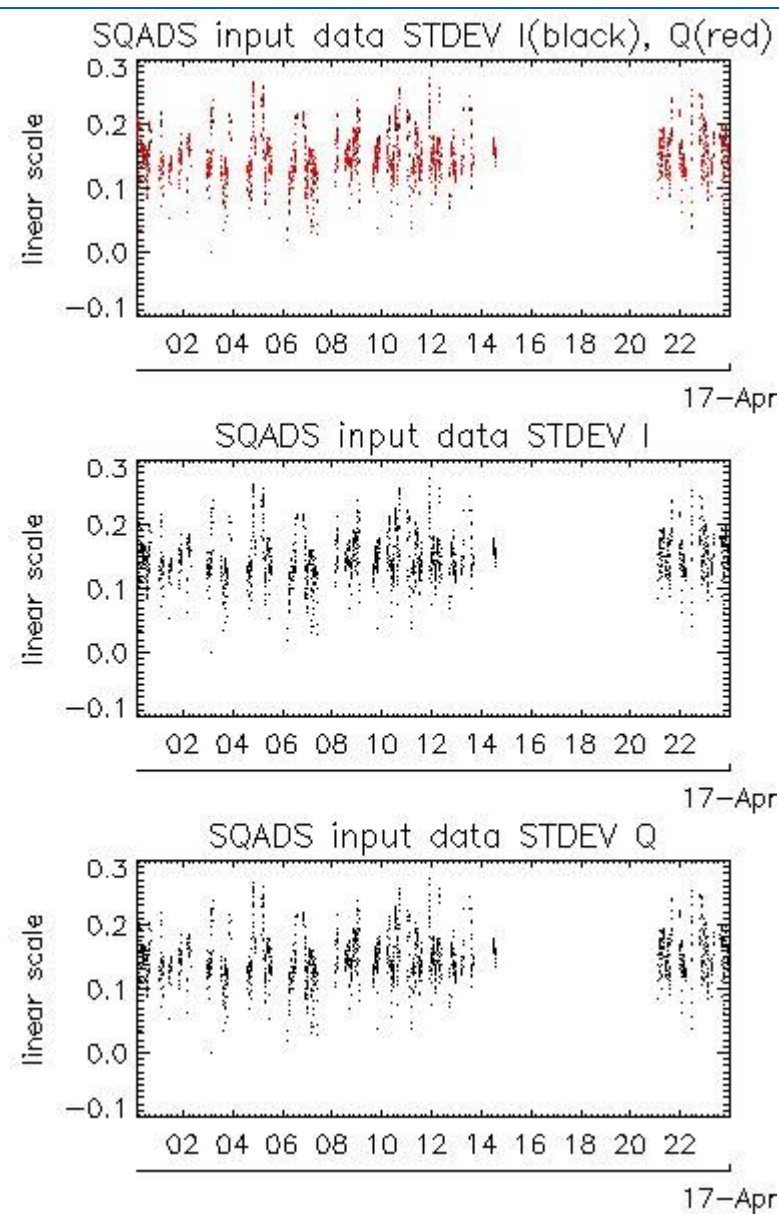
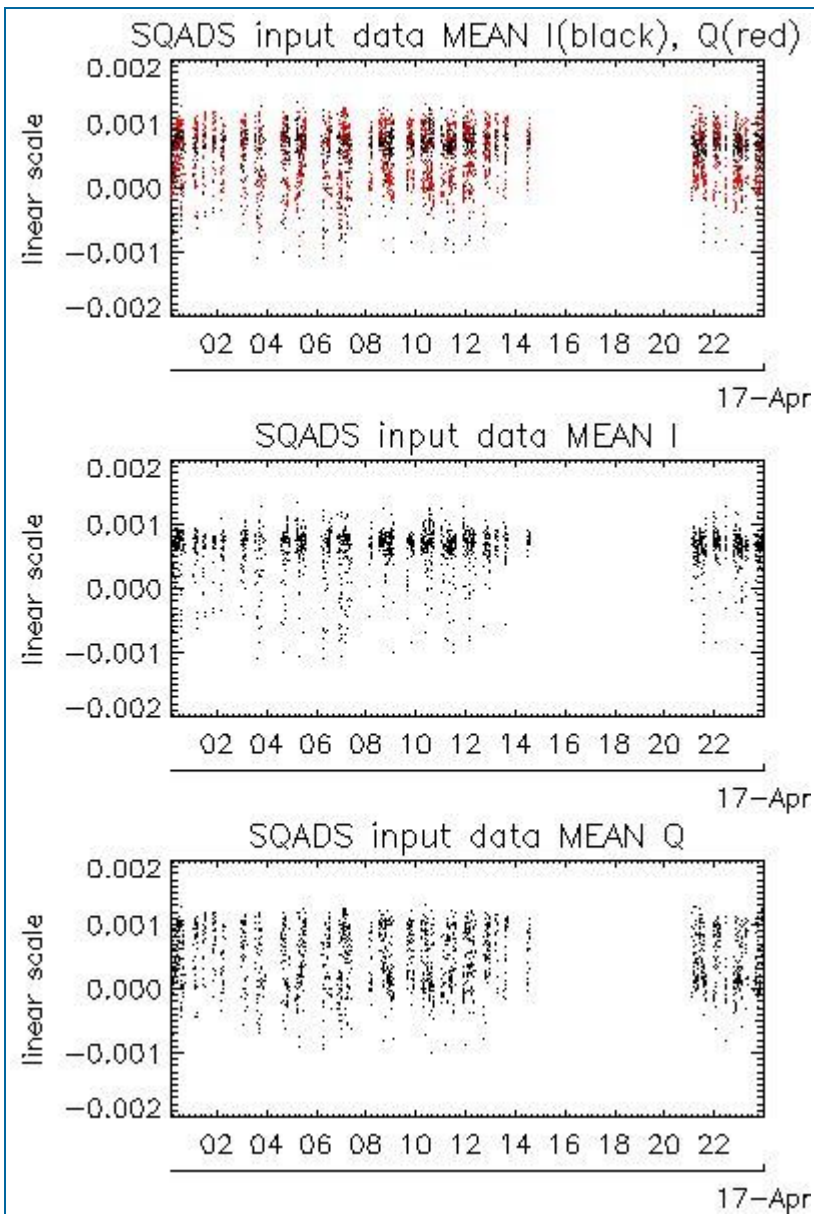
## 7 - RAW DATA ANALYSIS

### 7.1 - Analysis for WVS

[ [BACK TO MENU](#) ]

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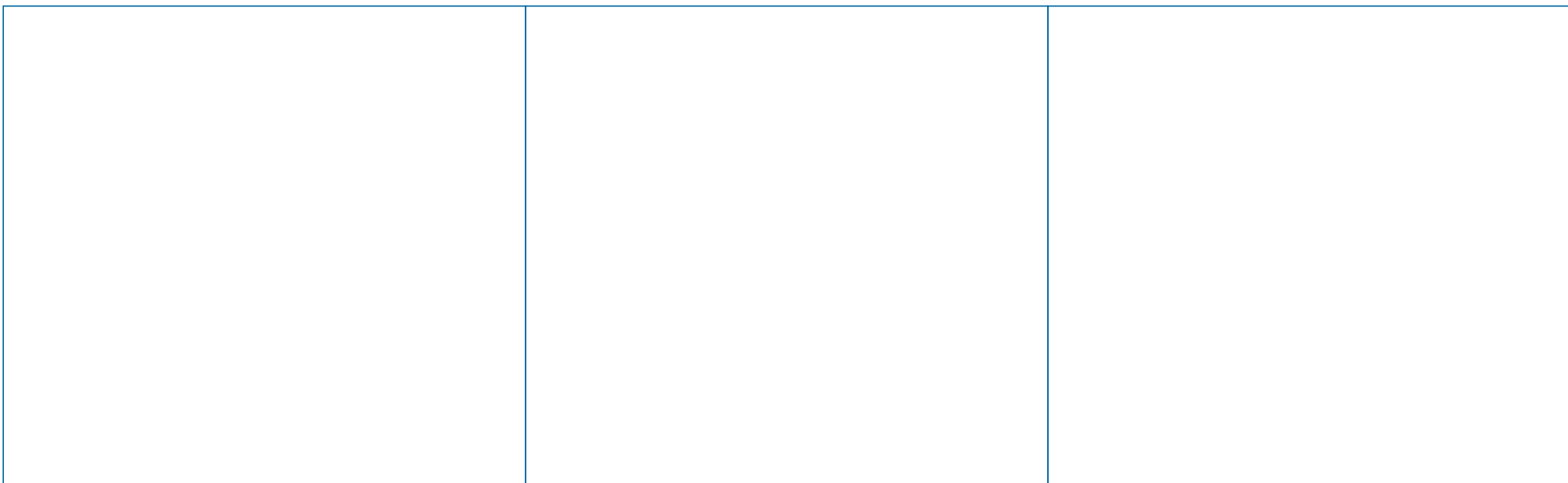


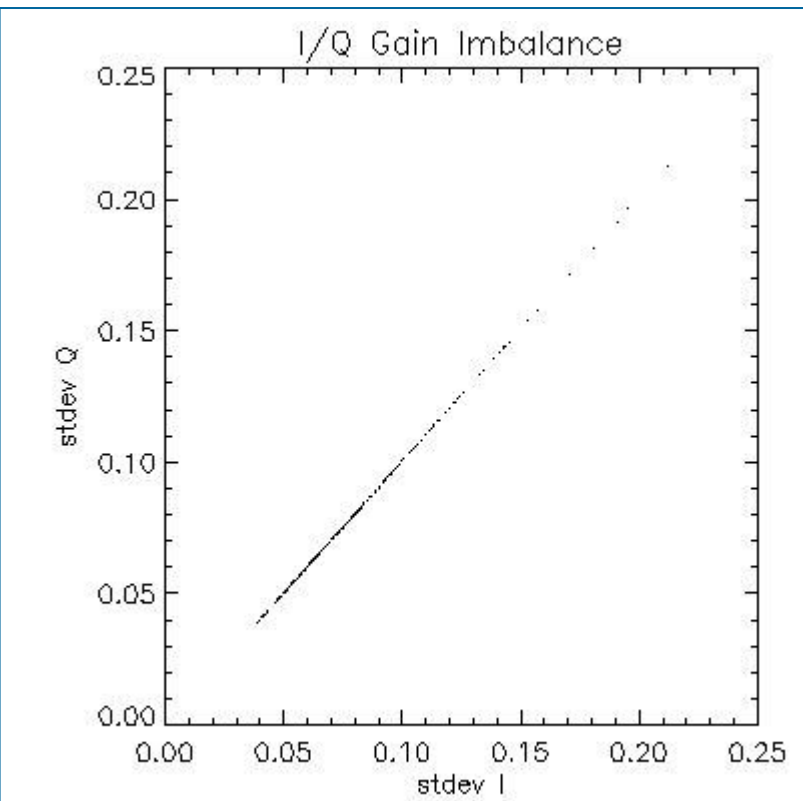
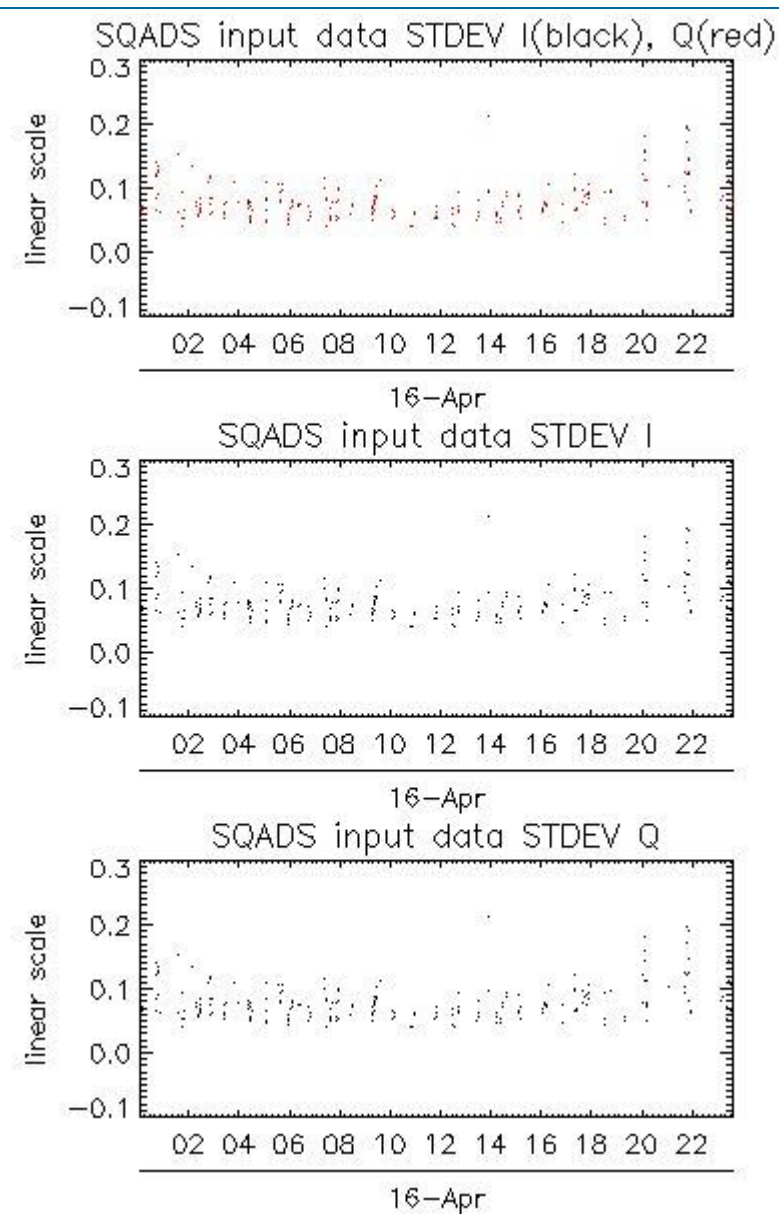
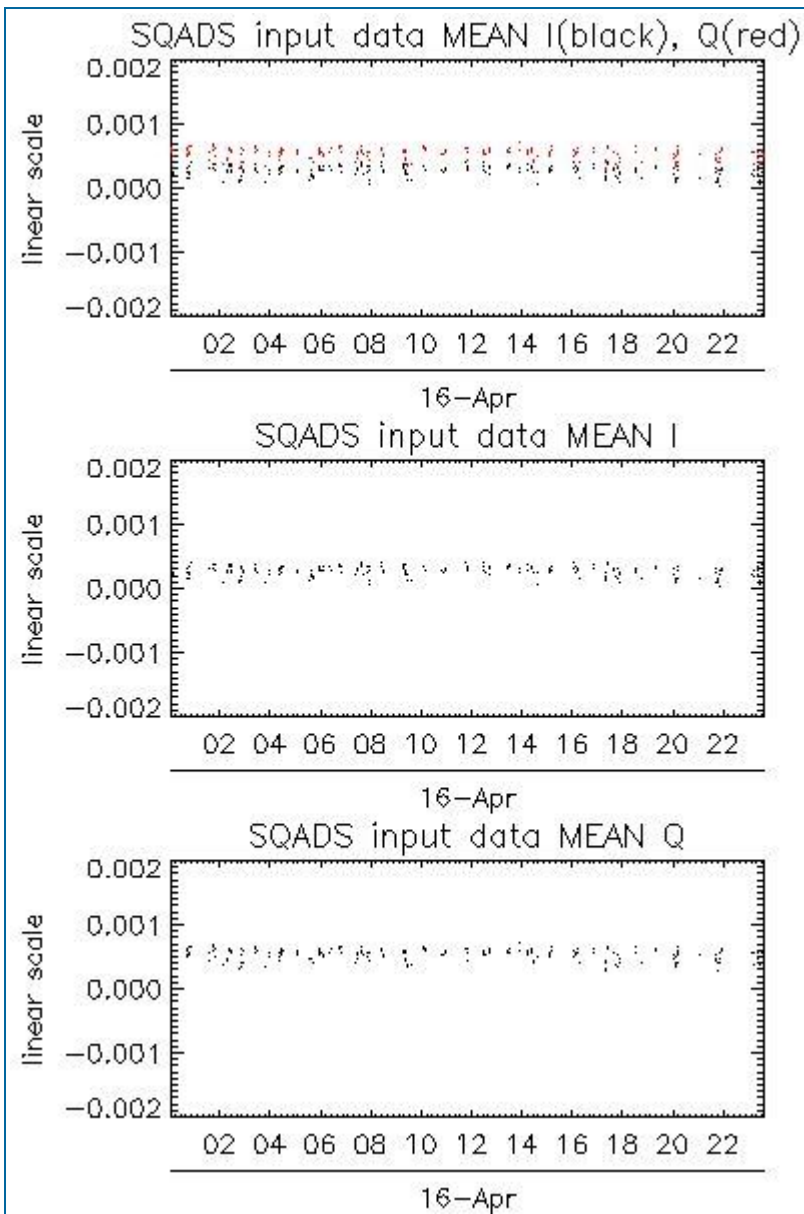


Channel	Statistics	DSS-B
MEAN I	mean	0.000602554
	stdev	1.31930e-07
MEAN Q	mean	0.000474789
	stdev	2.12464e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.148867
	stdev	0.00139803
STDEV Q	mean	0.149383
	stdev	0.00142676

## 7.2 - Analysis for IMM

[ [BACK TO MENU](#) ]



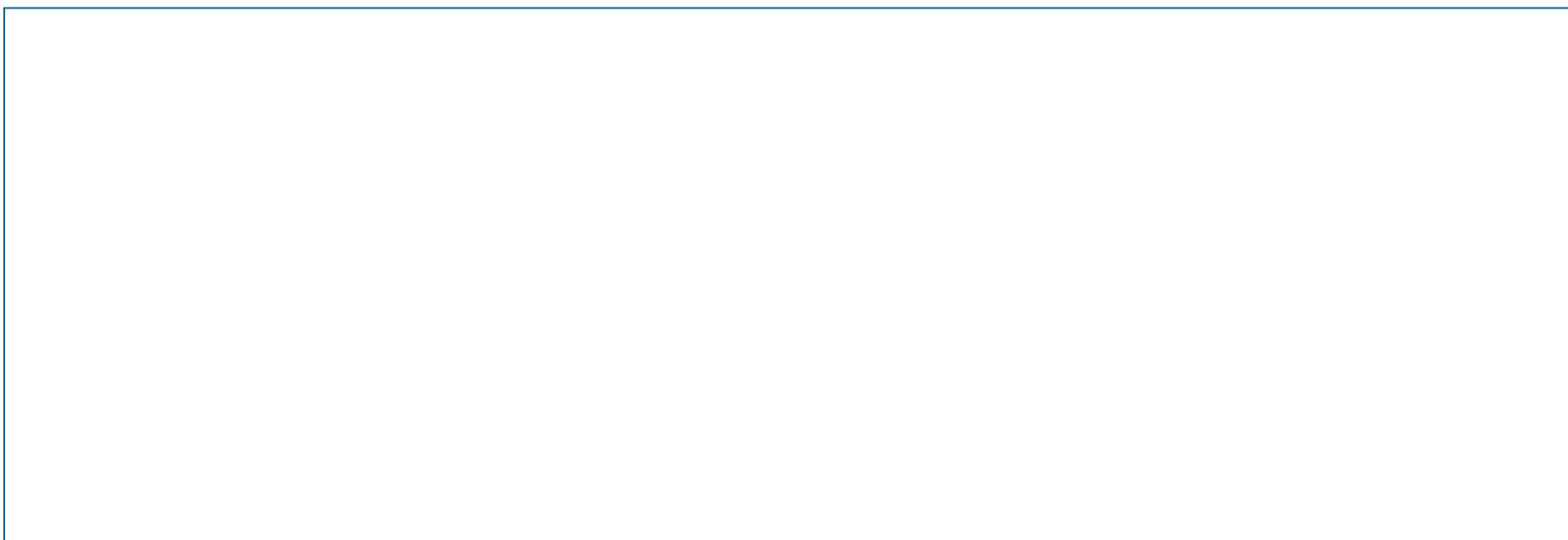


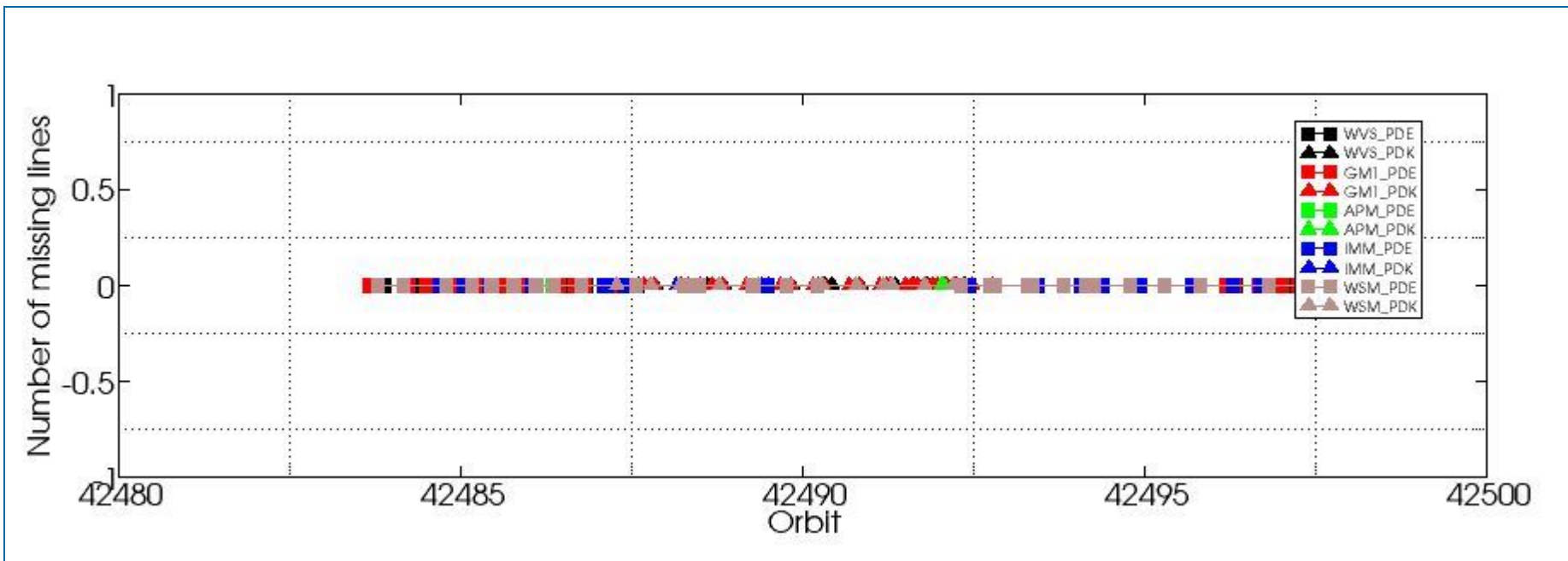
Channel	Statistics	DSS-B
MEAN I	mean	0.000270089
	stdev	6.65558e-09
MEAN Q	mean	0.000533844
	stdev	7.68871e-09
Channel	Statistics	DSS-B
STDEV I	mean	0.0803307
	stdev	0.000924257
STDEV Q	mean	0.0806602
	stdev	0.000935637

## 8 - TELEMETRY ANALYSIS

### 8.1 - Number of Missing lines

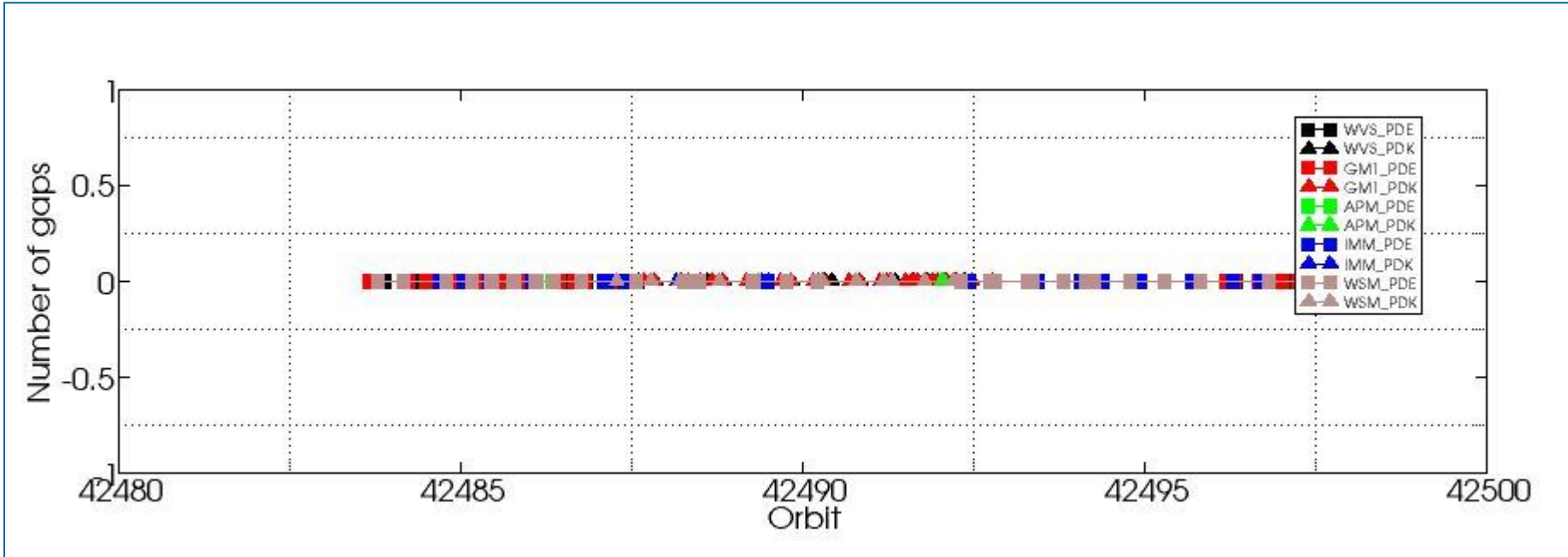
[ [BACK TO MENU](#) ]





## 8.2 - Number of Gaps

[\[ BACK TO MENU \]](#)



#####  
ASAR DAILY REPORT for 100416  
#####

MODE: DAILY  
ANALYSIS: ALL  
DATE: YESTERDAY

Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100416/

DATA SUMMARY

#####  
Summary will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100416/DATA\_SUMMARY

Creating directory ./RESULTS/DAILY/\_100416/DATA\_SUMMARY...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/Data\_summary.html...

\*\*\*\*\*  
Getting WVS products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_WVS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_WVS\_products\_used.txt...

\*\*\*\*\*  
Getting GM1 products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_GM1\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_GM1\_products\_used.txt...

\*\*\*\*\*  
Getting APM products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_APM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_APM\_products\_used.txt...

\*\*\*\*\*  
Getting IMM products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_IMM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_IMM\_products\_used.txt...

\*\*\*\*\*  
Getting WSM products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_WSM\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_WSM\_products\_used.txt...

\*\*\*\*\*  
Getting MS products list from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_MS\_products\_used.xls...  
Writing file ./RESULTS/DAILY/\_100416/DATA\_SUMMARY/List\_MS\_products\_used.txt...

DATA SUMMARY completed  
#####

AUXILIARY FILES ANALYSIS

#####  
Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100416/AUXILIARY

Creating directory ./RESULTS/DAILY/\_100416/AUXILIARY...

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



ADF filter 20100416\*current\_3\_IECF\_ADFs.txt  
 Found list 20100416\_030001\_current\_3\_IECF\_ADFs.txt...  
 Extracting ADFs...

ASA\_CON\_AXVIEC20091217\_101713\_20070204\_165113\_20101231\_000000  
 ASA\_INS\_AXVIEC20091217\_114637\_20090428\_100000\_20101231\_235959  
 ASA\_XCH\_AXVIEC20091217\_113006\_20020301\_000000\_20101231\_000000  
 ASA\_XCA\_AXVIEC20100315\_123052\_20090501\_000000\_20110101\_000000

Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/ASAR\_ADFs\_IECF\_List3.html...  
 Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Auxiliary\_files\_summary.html...

\*\*\*\*\*

Analysing WVS products...

Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_WVS.xls...  
 Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_WVS.txt...

ASA_WVS_1PNPDE20100416_000917_000003452088_00345_42483_4434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_001417_000016042088_00345_42483_4448.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_010353_000006052088_00346_42484_4450.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_012623_000003752088_00346_42484_4453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_014922_000002102088_00346_42484_4455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_015207_000002702088_00346_42484_4472.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_020906_000000592088_00347_42485_4471.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_021134_000003742088_00347_42485_4467.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_025809_000004952088_00347_42485_4466.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_030609_000003152088_00347_42485_4497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_032954_000001052088_00347_42485_4496.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_033724_000003892088_00347_42485_4492.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_034627_000001492088_00347_42485_4491.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_035308_000000892088_00348_42486_4488.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_043533_000007492088_00348_42486_4487.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_044748_000003602088_00348_42486_4512.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_051039_000014692088_00348_42486_4518.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_061349_000004192088_00349_42487_4516.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_062542_000001792088_00349_42487_4514.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_210707_000019642088_00358_42496_4647.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_215712_000003002088_00358_42496_4648.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_220127_000007642088_00358_42496_4660.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_222619_000002092088_00359_42497_4662.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_224656_000013492088_00359_42497_4664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_231511_000003152088_00359_42497_4666.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_233743_000003142088_00359_42497_4667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100416_234213_000016342088_00359_42497_4681.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_062827_000003602088_00349_42487_5802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_065115_000019342088_00349_42487_5805.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_080825_000003902088_00350_42488_5827.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_083151_000020542088_00350_42488_5830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_093751_000010642088_00351_42489_5852.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_101227_000018892088_00351_42489_5855.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_110153_000002852088_00352_42490_5871.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_111236_000014242088_00352_42490_5874.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_115303_000017692088_00352_42490_5882.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_124426_000008992088_00353_42491_5892.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_131232_000002552088_00353_42491_5905.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_133339_000003752088_00353_42491_5895.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100416_142850_000003442088_00354_42492_5920.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing GM1 products...

Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_GM1.xls...  
 Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_GM1.txt...



Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_APM.xls...  
Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_APM.txt...

ASA_APM_1PNPDE20100416_021910_000000422088_00347_42485_4480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100416_042044_000000442088_00348_42486_4485.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100416_092900_000000442088_00351_42489_4579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20100416_142551_000000442088_00354_42492_4624.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100416_092437_000000432088_00351_42489_5840.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100416_135431_000000592088_00354_42492_5912.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20100416_135632_000000572088_00354_42492_5911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing IMM products...

Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_IMM.xls...  
Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_IMM.txt...

ASA_IMM_1PNPDE20100416_013445_000000972088_00346_42484_4447.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_021046_000000422088_00347_42485_4481.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_024734_000002062088_00347_42485_4464.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_035014_000000422088_00348_42486_4507.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_053606_000002182088_00349_42487_4521.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_054107_000001612088_00349_42487_4525.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_060609_000001472088_00349_42487_4510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_075340_000001142088_00350_42488_4549.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_092655_000000372088_00351_42489_4578.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_093708_000000372088_00351_42489_4580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_143519_000000692088_00354_42492_4625.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_161619_000000632088_00355_42493_4631.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_171912_000001882088_00356_42494_4632.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_174541_000000672088_00356_42494_4637.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_175013_000002232088_00356_42494_4638.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_184600_000000372088_00356_42494_4639.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_200232_000003022088_00357_42495_4643.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_200822_000002332088_00357_42495_4640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_210309_000000372088_00358_42496_4657.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_214224_000002322088_00358_42496_4658.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_214734_000002732088_00358_42496_4652.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_231334_000000382088_00359_42497_4678.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_232212_000001612088_00359_42497_4679.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20100416_232652_000003032088_00359_42497_4674.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20100416_072408_000002432088_00350_42488_5817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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Analysing WSM products...

Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_WSM.xls...  
Writing file ./RESULTS/DAILY/\_100416/AUXILIARY/Check\_ADFs\_WSM.txt...

ASA_WSM_1PNPDE20100416_000429_000002882088_00345_42483_4443.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_004151_000005382088_00346_42484_4463.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_014443_000002812088_00346_42484_4462.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_022323_000004042088_00347_42485_4482.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_025135_000002752088_00347_42485_4479.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_032412_000002942088_00347_42485_4506.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_035719_000000982088_00348_42486_4508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_042232_000004832088_00348_42486_4503.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_050312_000003062088_00348_42486_4513.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_062346_000001162088_00349_42487_4526.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_073600_000003492088_00350_42488_4547.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_075115_000000982088_00350_42488_4548.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_075630_000001842088_00350_42488_4550.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_WSM_1PNPDE20100416_091632_000004282088_00351_42489_4577.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_100628_000002812088_00351_42489_4603.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_105015_000001282088_00352_42490_4604.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_142206_000001592088_00354_42492_4623.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_150555_000001592088_00354_42492_4626.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_151105_000001282088_00354_42492_4627.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_160126_000000982088_00355_42493_4629.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_160831_000003062088_00355_42493_4630.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_165200_000001042088_00355_42493_4628.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_172532_000000982088_00356_42494_4633.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_173830_000000982088_00356_42494_4634.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_183117_000001842088_00356_42494_4635.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_192016_000000982088_00357_42495_4642.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_201247_000001282088_00357_42495_4641.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_215329_000002142088_00358_42496_4656.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_231015_000000922088_00359_42497_4677.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100416_233249_000002942088_00359_42497_4676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_055518_000003362088_00349_42487_5799.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_064542_000002082088_00349_42487_5815.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_072841_000001162088_00350_42488_5818.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_082640_000002262088_00350_42488_5837.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_105619_000001282088_00352_42490_5861.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_114802_000002082088_00352_42490_5883.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_122835_000002452088_00353_42491_5887.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_124058_000002082088_00353_42491_5888.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_132657_000002692088_00353_42491_5907.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100416_141128_000001712088_00354_42492_5897.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/\_100416/MODULE\_STEPPING

Creating directory ./RESULTS/DAILY/\_100416/MODULE\_STEPPING...

Creating directory ./RESULTS/DAILY/\_100416/MODULE\_STEPPING/FIRST\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE...

Creating directory ./RESULTS/DAILY/\_100416/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/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE...

Polarization: H

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

Test product: ASA\_MS\_\_0PNPDK20100415\_070646\_000000162088\_00335\_42473\_0098.N1

H

H

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/TGH\_20100415\_070646-20010209\_135042.png

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/TPH\_20100415\_070646-20010209\_135042.png

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/RGH\_20100415\_070646-20010209\_135042.png

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/RPH\_20100415\_070646-20010209\_135042.png

Polarization: V

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

Test product: ASA\_MS\_\_0PNPDK20100416\_063509\_000000162088\_00349\_42487\_0100.N1

V

V

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/TGV\_20100416\_063509-20010209\_140823.png



../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/TPV\_20100416\_063509-20010209\_140823.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/RGV\_20100416\_063509-20010209\_140823.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/SECOND\_REFERENCE/RPV\_20100416\_063509-20010209\_140823.png

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Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE...

Polarization: H  
Reference product: ASA\_MS\_\_0PNPDK20100413\_081001\_000000162088\_00307\_42445\_0096.N1  
Test product: ASA\_MS\_\_0PNPDK20100415\_070646\_000000162088\_00335\_42473\_0098.N1

H  
H

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGH\_20100415\_070646-20100413\_081001.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPH\_20100415\_070646-20100413\_081001.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGH\_20100415\_070646-20100413\_081001.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPH\_20100415\_070646-20100413\_081001.png

Polarization: V  
Reference product: ASA\_MS\_\_0PNPDK20100414\_073823\_000000162088\_00321\_42459\_0097.N1  
Test product: ASA\_MS\_\_0PNPDK20100416\_063509\_000000162088\_00349\_42487\_0100.N1

V  
V

../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TGV\_20100416\_063509-20100414\_073823.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/TPV\_20100416\_063509-20100414\_073823.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RGV\_20100416\_063509-20100414\_073823.png  
../../RESULTS/DAILY/\_100416/MODULE\_STEPPING/PREVIOUS\_PRODUCT\_REFERENCE/RPV\_20100416\_063509-20100414\_073823.png

MODULE\_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES...

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

ALL ROWS Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Analysing products WVS IS2 V/V  
Writing image ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_WVS\_IS2\_VV.png...  
Analysing products GM1 SS3 H/H  
Writing image ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Calibration\_pulses\_all\_rows\_GM1\_SS3\_HH.png...

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TEMPORAL EVOLUTION Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Analysing products WVS IS2 V/V  
Getting calibration pulses data for WVS IS2 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 1/5/9/13/17/21/25/29  
Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-04-16\_1.dat...  
Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_1.png...  
Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 2/6/10/14/18/22/26/30  
Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-04-16\_2.dat...  
Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_2.png...  
Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_2.png...



Getting calibration pulses data for WVS IS2 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-04-16\_3.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_3.png...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_WVS\_IS2\_VV\_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_WVS\_IS2\_VV\_2010-04-16\_4.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_WVS\_IS2\_VV\_4.png...  
 Writing ../../RESULTS/DAILY/\_100416//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 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 1/5/9/13/17/21/25/29  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-04-16\_1.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_1.png...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 2/6/10/14/18/22/26/30  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-04-16\_2.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_2.png...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 3/7/11/15/19/23/27/31  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-04-16\_3.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_3.png...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-04-16 00:00:00 to 2010-04-16 23:59:59. Rows: 4/8/12/16/20/24/28/32  
 Writing file ./RESULTS/DAILY/\_100416/CALIBRATION\_PULSES/Calibration\_pulses\_data\_GM1\_SS3\_HH\_2010-04-16\_4.dat...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Average\_P1\_P1a\_P2\_P3\_GM1\_SS3\_HH\_4.png...  
 Writing ../../RESULTS/DAILY/\_100416//CALIBRATION\_PULSES/Transmit\_Power\_GM1\_SS3\_HH\_4.png...

CALIBRATION PULSES ANALYSIS completed  
 #####

DOPPLER ANALYSIS  
 #####  
 Creating directory ./RESULTS/DAILY/\_100416/DOPPLER...

\*\*\*\*\*  
 \*\*\*\*\*  
 DOPPLER ANX Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Analysing products WVS IS2 V/V  
 Getting doppler data for WVS IS2 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
 Writing file ./RESULTS/DAILY/\_100416/DOPPLER/Doppler\_data\_WVS\_IS2\_VV\_2010-04-16.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_100416/DOPPLER/DOPPLER\_ANX\_WVS\_IS2\_VV.png...

Analysing products GM1 SS1 H/H  
 Getting doppler data for GM1 SS1 H/H from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
 Writing file ./RESULTS/DAILY/\_100416/DOPPLER/Doppler\_data\_GM1\_SS1\_HH\_2010-04-16.dat...  
 Running IDL program...  
 Writing file ../../RESULTS/DAILY/\_100416/DOPPLER/DOPPLER\_ANX\_GM1\_SS1\_HH.png...

\*\*\*\*\*

\*\*\*\*\*  
DOPPLER JUMPS Analysis will be performed on WSM products from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Analysing by default products WSM  
Getting doppler jumps data for WSM from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/DOPPLER/Doppler\_Jumps\_data\_WSM\_2010-04-16.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100416/DOPPLER/DOPPLER\_JUMPS\_ANX\_WSM.png...  
Writing file ../../RESULTS/DAILY/\_100416/DOPPLER/DOPPLER\_JUMPS\_Date\_WSM.png...

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\*\*\*\*\*  
DOPPLER MAP Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 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 = -26.577544 Hz  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Absolute\_WVS\_IS2\_VV\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -20.229084 Hz  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_WVS\_IS2\_VV\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_100416//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 = -1.5639560 Hz  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_desc.jpg...  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_desc.jpg...

\*\*\*\*\*  
Loading predicted doppler values....  
Phase: ascending  
Found data...  
Computing mean error doppler estimated-predicted...  
Mean error = -3.4305645 Hz  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Estimated-Predicted-MeanError\_GM1\_SS1\_HH\_asc.jpg...  
Writing file ../../RESULTS/DAILY/\_100416//DOPPLER/DOPPLER\_Absolute\_GM1\_SS1\_HH\_asc.jpg...

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

CHIRP ANALYSIS  
#####  
Creating directory ./RESULTS/DAILY/\_100416/CHIRP...

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\*\*\*\*\*  
CHIRP Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59

Analysing products WSM SS1 H/H

\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 H/H from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_data\_WSM\_SS1\_HH\_2010-04-16.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_HH.png...  
Writing file ../../RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_HH.png...

Analysing products WSM SS1 V/V

\*\*\*\*\*  
Getting ScaleFactor data for WSM SS1 V/V from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_data\_WSM\_SS1\_VV\_2010-04-16.dat...  
Running IDL program...  
Writing file ../../RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_ANX\_WSM\_SS1\_VV.png...  
Writing file ../../RESULTS/DAILY/\_100416/CHIRP/ScaleFactor\_DATE\_WSM\_SS1\_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####  
Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100416/RAW\_DATA

Creating directory ./RESULTS/DAILY/\_100416/RAW\_DATA...

\*\*\*\*\*  
Getting raw data for WVS from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_WVS\_2010-04-16.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_WVS\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_WVS\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_WVS\_gain\_imbalance.png...

\*\*\*\*\*  
Getting raw data for IMM from 2010-04-16 00:00:00 to 2010-04-16 23:59:59...  
Writing file ./RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_IMM\_2010-04-16.dat...  
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_IMM\_input\_mean.png...  
Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_IMM\_input\_stdev.png...  
Creating image ../../RESULTS/DAILY/\_100416/RAW\_DATA/Raw\_data\_IMM\_gain\_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####  
Analysis will be performed from 2010-04-16 00:00:00 to 2010-04-16 23:59:59  
Results will be exported to the directory: ./RESULTS/DAILY/\_100416/TELEMETRY

Creating directory ./RESULTS/DAILY/\_100416/TELEMETRY...

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

\*\*\*\*\*

Checking 27 products from PDE...

Checking 13 products from PDK...

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

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Checking 31 products from PDE...

Checking 33 products from PDK...

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

\*\*\*\*\*

Checking 4 products from PDE...

Checking 3 products from PDK...

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

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Checking 24 products from PDE...

Checking 1 products from PDK...

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

\*\*\*\*\*

Checking 30 products from PDE...

Checking 10 products from PDK...

Creating graph of missing lines and gaps...

\*\*\*\*\*

Creating image: ./RESULTS/DAILY/\_100416/TELEMETRY/TELEMETRY\_Missing\_lines.png...

Creating image: ./RESULTS/DAILY/\_100416/TELEMETRY/TELEMETRY\_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/\_100416/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_1PNPDE20100416_021910_000000422088_00347_42485_4480.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100416_042044_000000442088_00348_42486_4485.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100416_092900_000000442088_00351_42489_4579.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20100416_142551_000000442088_00354_42492_4624.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100416_092437_000000432088_00351_42489_5840.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100416_135431_000000592088_00354_42492_5912.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100416_135632_000000572088_00354_42492_5911.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_1PNPDE20100416_005053_000007792088_00346_42484_4449.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_011439_000007012088_00346_42484_4452.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_013324_00000782088_00346_42484_4451.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_013636_000004832088_00346_42484_4454.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_015725_000007012088_00346_42484_4470.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_022013_000001872088_00347_42485_4469.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_023012_000010452088_00347_42485_4468.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_025613_000001082088_00347_42485_4465.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_031420_000005862088_00347_42485_4498.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_033216_000003082088_00347_42485_4495.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_034437_000001022088_00347_42485_4494.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_035109_000001142088_00348_42486_4493.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_035518_000001142088_00348_42486_4490.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_035901_000013052088_00348_42486_4489.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_043050_000002832088_00348_42486_4486.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_045433_000005132088_00348_42486_4511.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_050835_000001202088_00348_42486_4523.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_053955_000000662088_00349_42487_4522.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_054400_000006712088_00349_42487_4520.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_060057_000003142088_00349_42487_4519.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_060846_000003022088_00349_42487_4517.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_062132_000001262088_00349_42487_4515.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_205206_00000782088_00358_42496_4644.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_205628_000004042088_00358_42496_4645.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_210357_000001872088_00358_42496_4646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_214036_000001082088_00358_42496_4649.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_221503_000005862088_00359_42497_4661.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_223757_000005372088_00359_42497_4663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_231150_000001022088_00359_42497_4665.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100416_232507_000001022088_00359_42497_4668.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_063627_000005492088_00349_42487_5803.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_064916_000001142088_00349_42487_5804.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_073044_000003082088_00350_42488_5806.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_074153_000003022088_00350_42488_5825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_075935_000005312088_00350_42488_5826.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_081547_000006282088_00350_42488_5828.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_083033_00000722088_00350_42488_5829.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_090658_000005672088_00351_42489_5832.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_093003_000004282088_00351_42489_5850.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_095625_000005982088_00351_42489_5851.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_101111_000000662088_00351_42489_5853.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_104444_000003262088_00352_42490_5854.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_105230_000002232088_00352_42490_5856.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_105832_000001992088_00352_42490_5872.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_113659_000006282088_00352_42490_5873.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_115135_00000782088_00352_42490_5875.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_122319_000003082088_00353_42491_5876.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_123257_000003142088_00353_42491_5884.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_123727_000002052088_00353_42491_5891.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_130017_000005732088_00353_42491_5893.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_130956_000001502088_00353_42491_5894.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_131734_000005552088_00353_42491_5906.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_133130_000001202088_00353_42491_5904.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_134038_000003802088_00353_42491_5903.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_134755_000003982088_00353_42491_5902.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_135749_000001812088_00354_42492_5901.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_140155_000005672088_00354_42492_5898.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_141424_000001202088_00354_42492_5908.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_141540_000003802088_00354_42492_5917.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_142657_000001082088_00354_42492_5918.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_143752_000004472088_00354_42492_5919.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_150833_000001442088_00354_42492_5921.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100416_150833_000001442088_00354_42492_5954.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_1PNPDE20100416_013445_000000972088_00346_42484_4447.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100416_021046_000000422088_00347_42485_4481.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100416_024734_000002062088_00347_42485_4464.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100416_035014_000000422088_00348_42486_4507.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20100416_054107_000001612088_00349_42487_4525.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20100416_143519_000000692088_00354_42492_4625.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100416_161619_000000632088_00355_42493_4631.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20100416_200232_000003022088_00357_42495_4643.N1					OK	OK	OK	OK
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ASA_IMM_1PNPDE20100416_232652_000003032088_00359_42497_4674.N1					OK	OK	OK	OK
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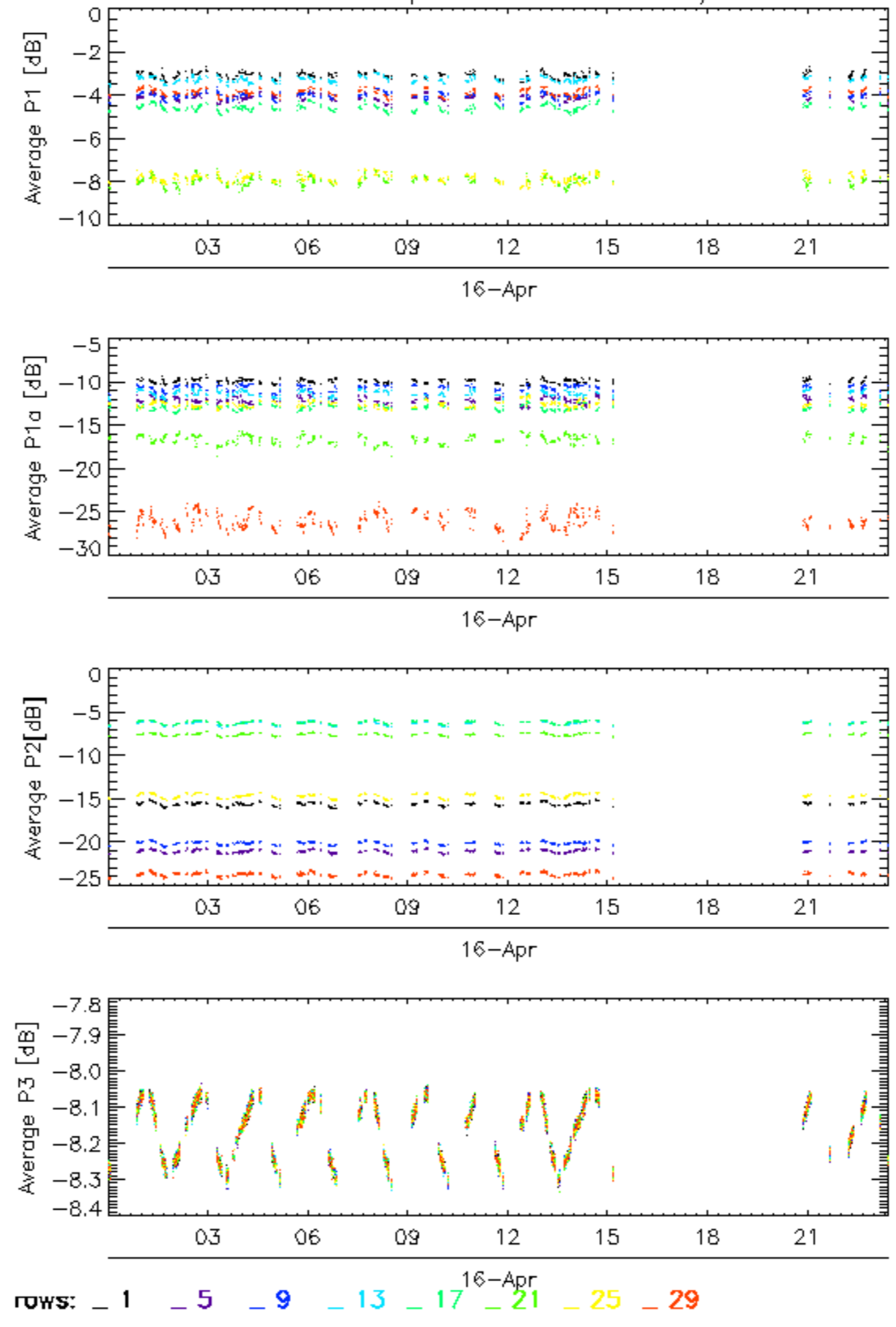
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WSM_1PNPDE20100416_022323_000004042088_00347_42485_4482.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_025135_000002752088_00347_42485_4479.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_032412_000002942088_00347_42485_4506.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_035719_000000982088_00348_42486_4508.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_042232_000004832088_00348_42486_4503.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_050312_000003062088_00348_42486_4513.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_062346_000001162088_00349_42487_4526.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_073600_000003492088_00350_42488_4547.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_075115_000000982088_00350_42488_4548.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_075630_000001842088_00350_42488_4550.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_091632_000004282088_00351_42489_4577.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20100416_105015_000001282088_00352_42490_4604.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100416_142206_000001592088_00354_42492_4623.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20100416_160126_000000982088_00355_42493_4629.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDE20100416_233249_000002942088_00359_42497_4676.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100416_055518_000003362088_00349_42487_5799.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20100416_072841_000001162088_00350_42488_5818.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100416_082640_000002262088_00350_42488_5837.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20100416_122835_000002452088_00353_42491_5887.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20100416_124058_000002082088_00353_42491_5888.N1					OK	OK	OK	OK
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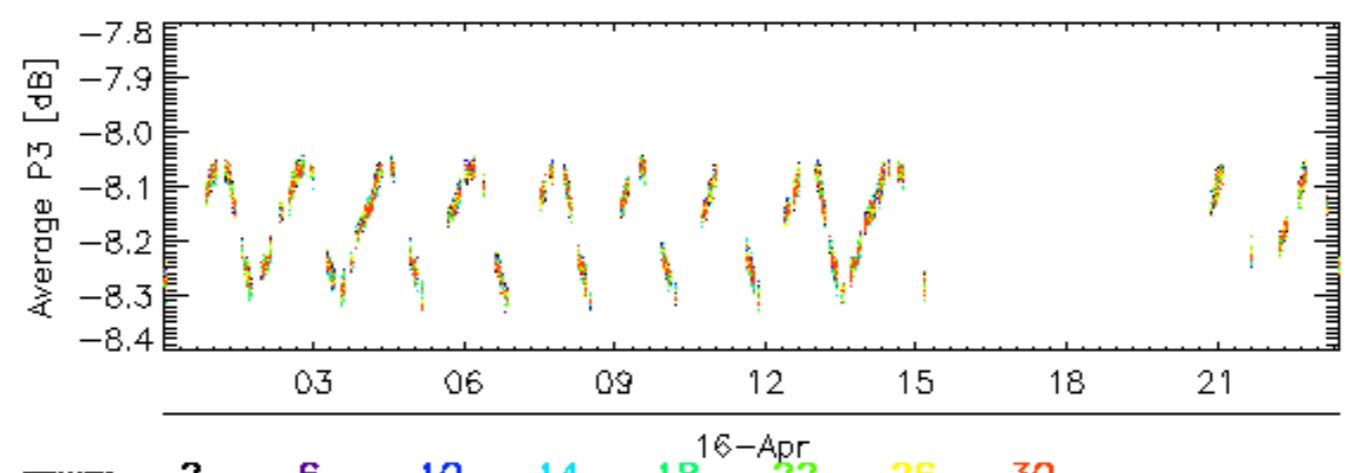
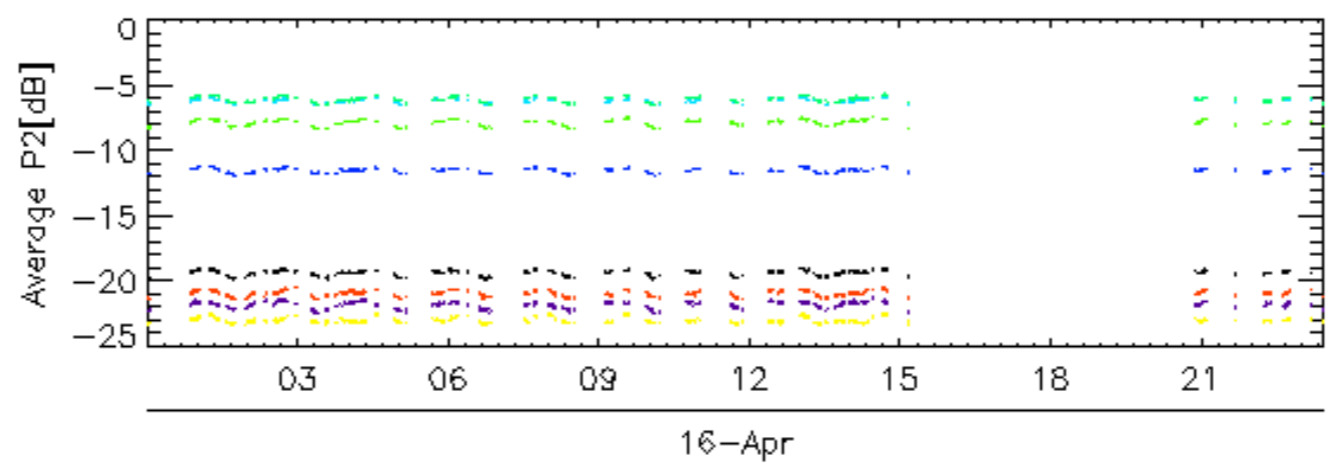
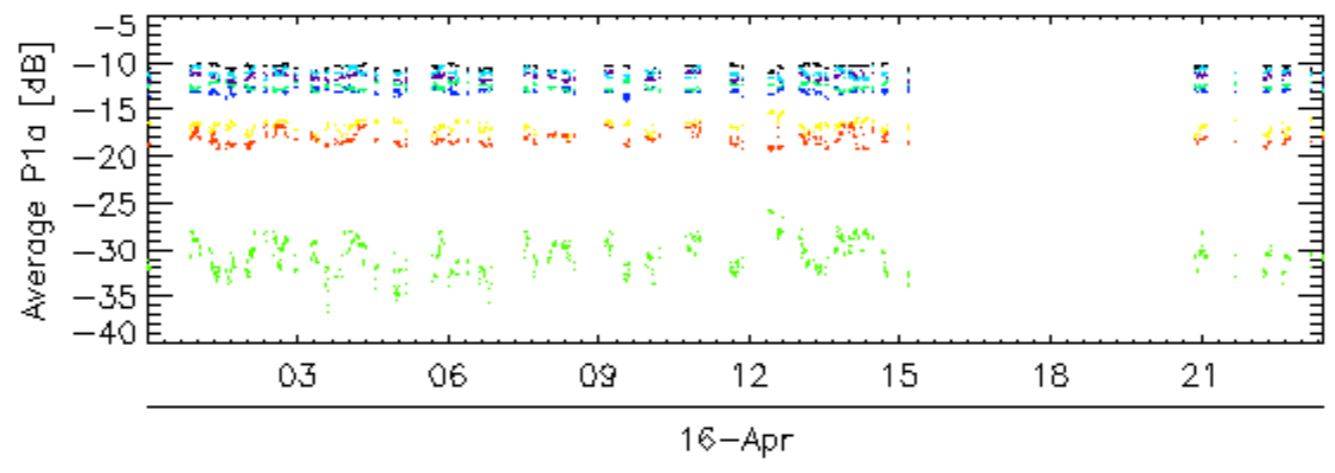
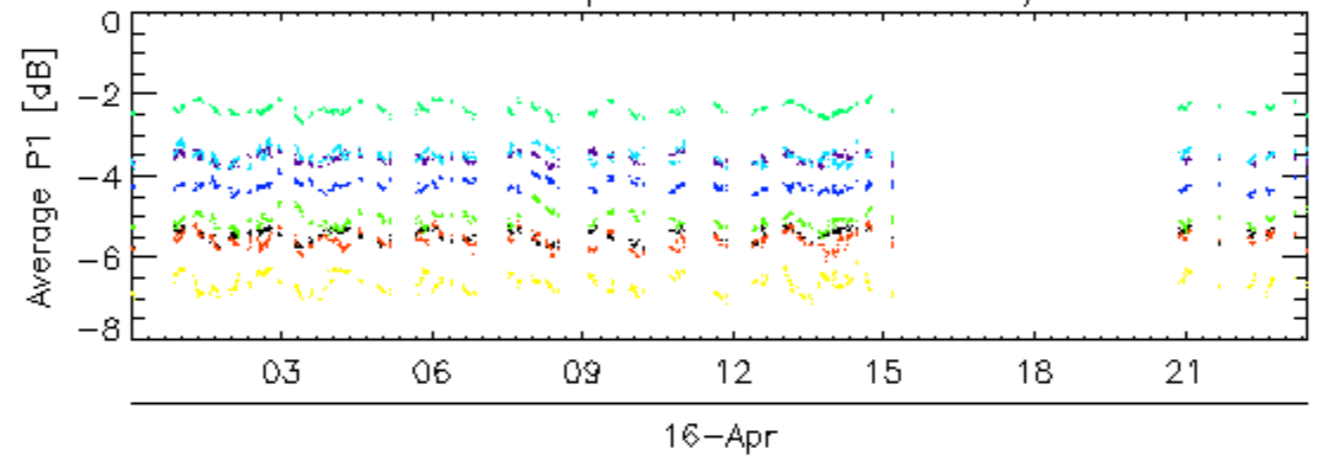
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20100416_010353_000006052088_00346_42484_4450.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_012623_000003752088_00346_42484_4453.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_014922_000002102088_00346_42484_4455.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_015207_000002702088_00346_42484_4472.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_020906_000000592088_00347_42485_4471.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_021134_000003742088_00347_42485_4467.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_025809_000004952088_00347_42485_4466.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_030609_000003152088_00347_42485_4497.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_032954_000001052088_00347_42485_4496.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_033724_000003892088_00347_42485_4492.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_034627_000001492088_00347_42485_4491.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_035308_000000892088_00348_42486_4488.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_043533_000007492088_00348_42486_4487.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_044748_000003602088_00348_42486_4512.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100416_062542_000001792088_00349_42487_4514.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100416_220127_000007642088_00358_42496_4660.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_222619_000002092088_00359_42497_4662.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100416_224656_000013492088_00359_42497_4664.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20100416_233743_000003142088_00359_42497_4667.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100416_062827_000003602088_00349_42487_5802.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100416_093751_000010642088_00351_42489_5852.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100416_115303_000017692088_00352_42490_5882.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20100416_131232_000002552088_00353_42491_5905.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20100416_133339_000003752088_00353_42491_5895.N1					OK	OK	OK	OK
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### Calibration pulses for GM1 SS3 H/H

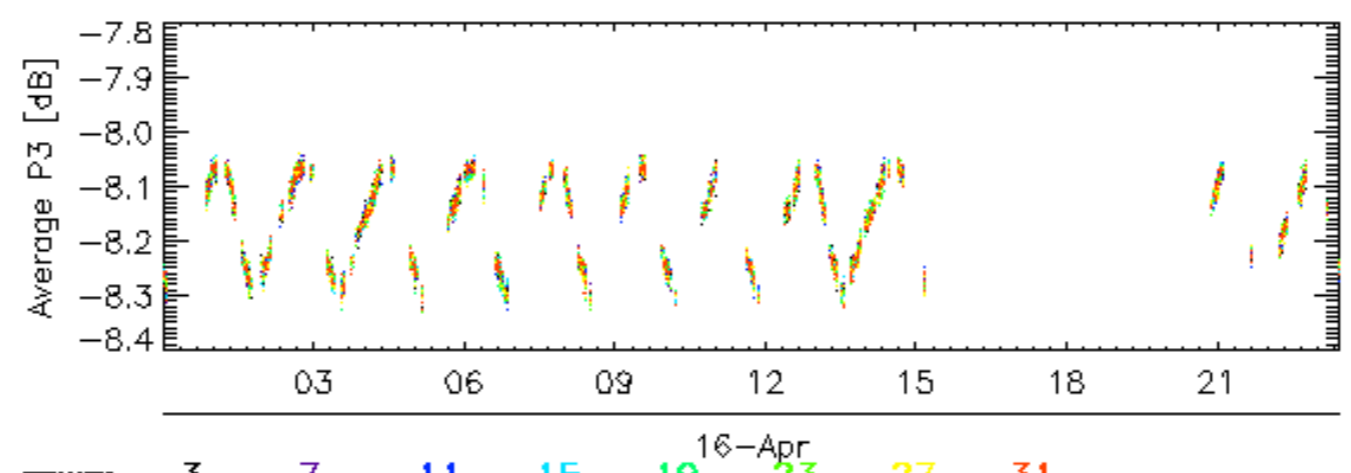
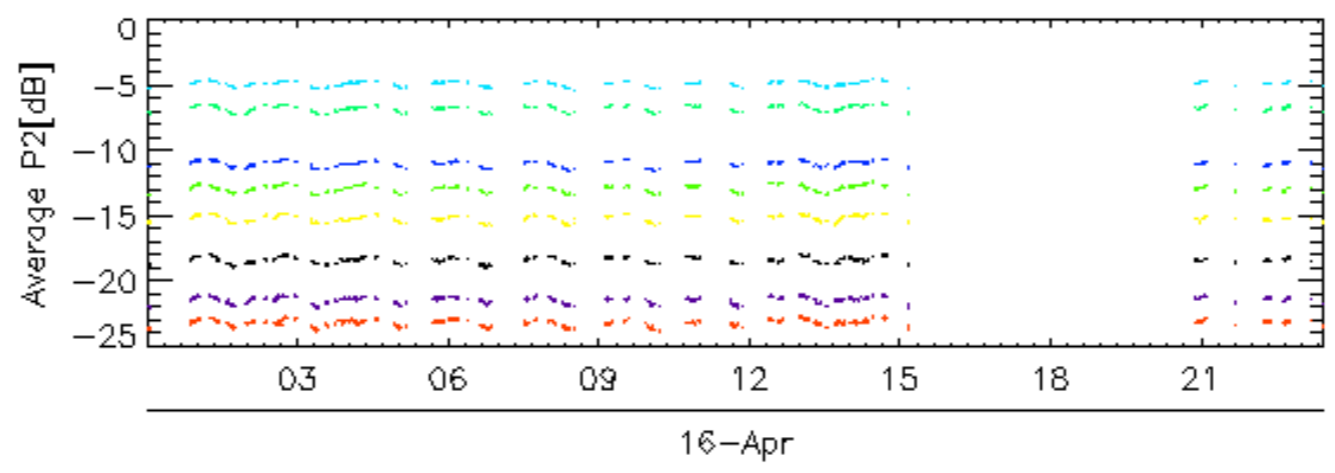
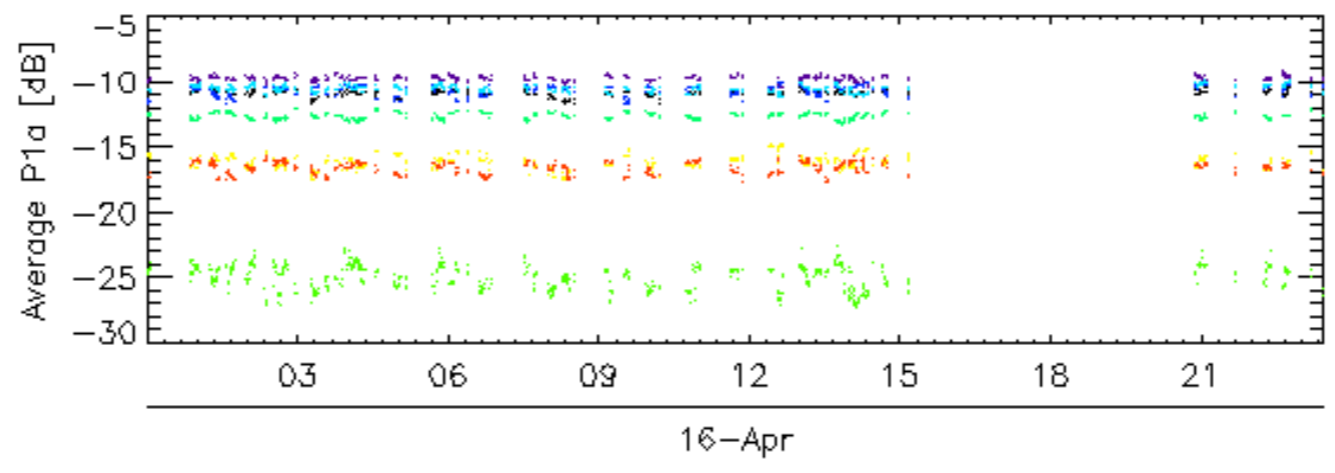
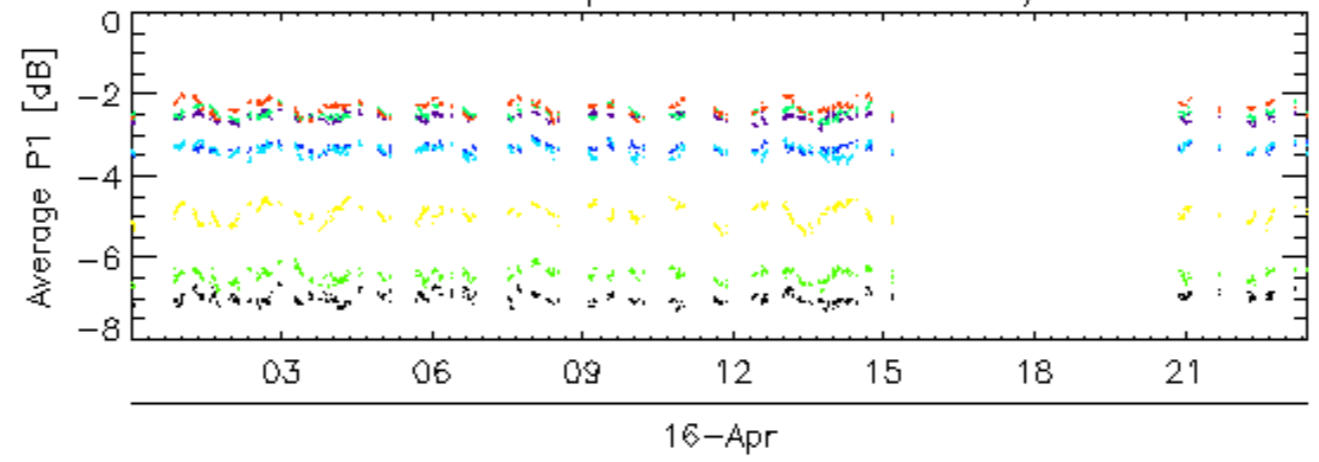


Calibration pulses for GM1 SS3 H/H



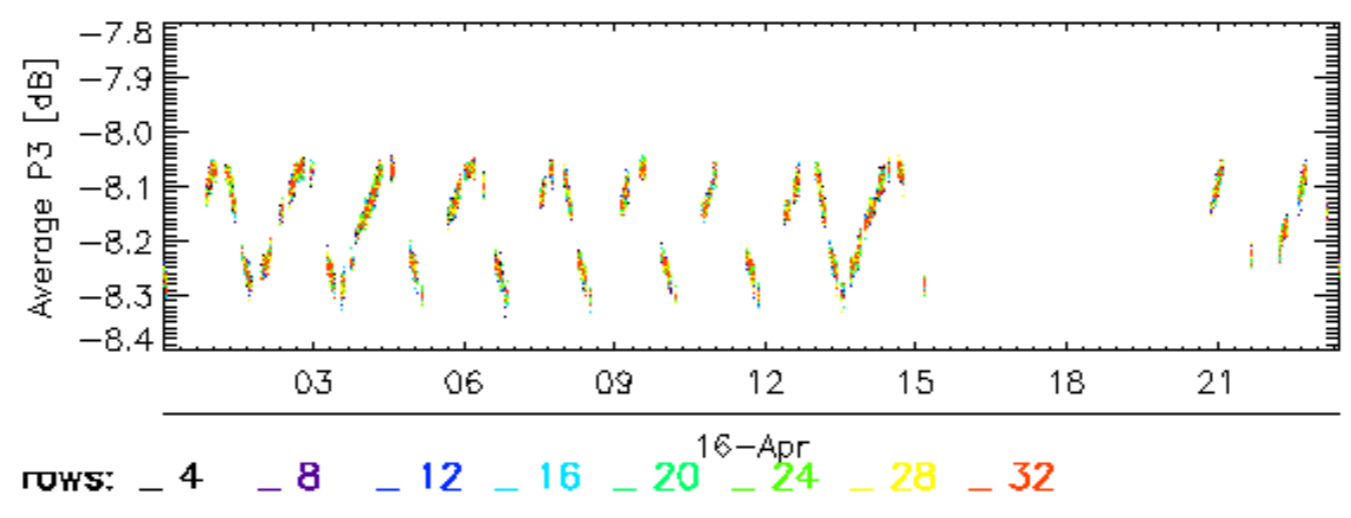
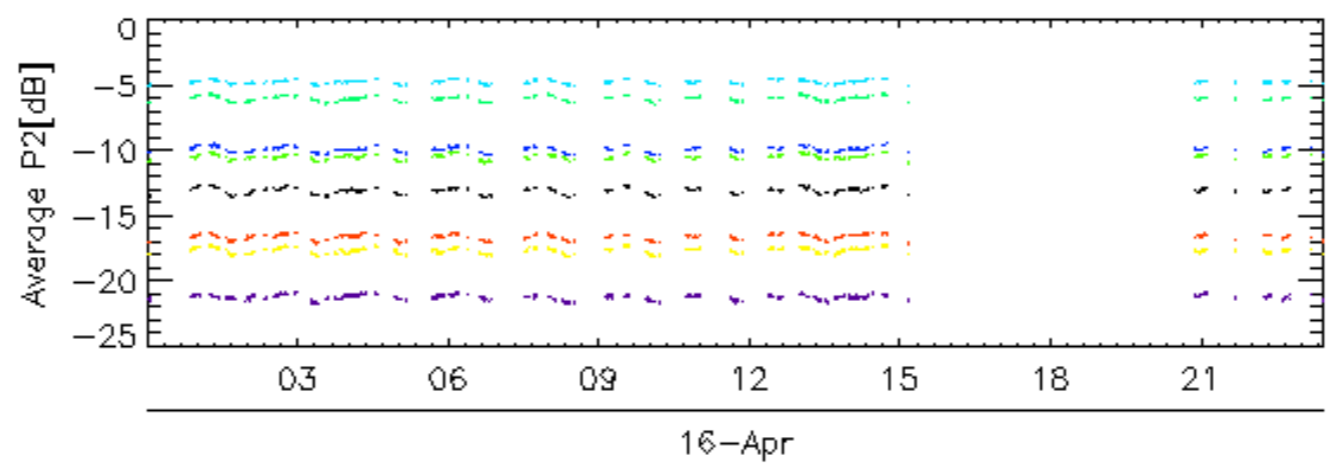
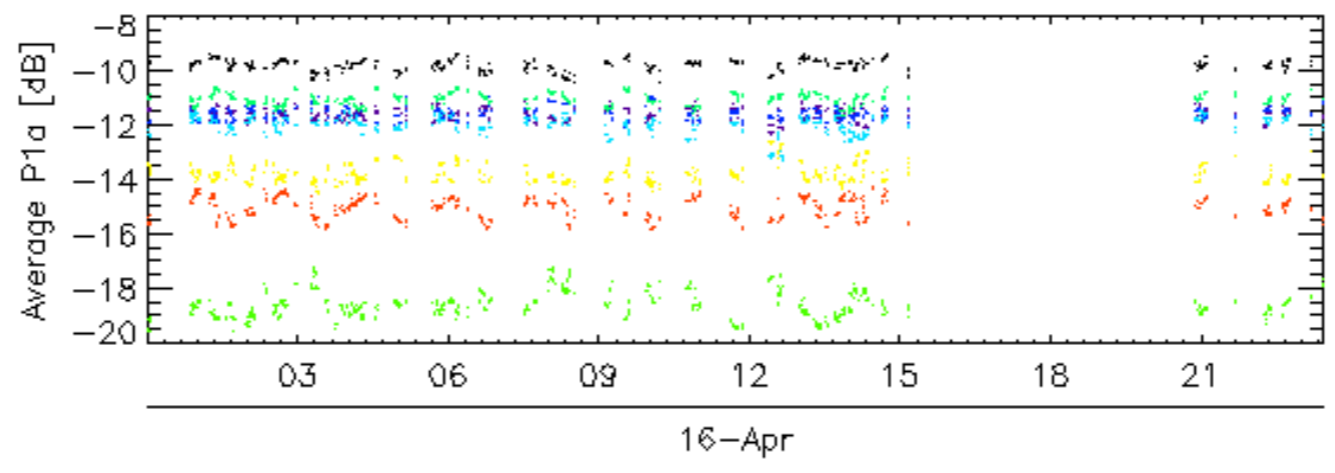
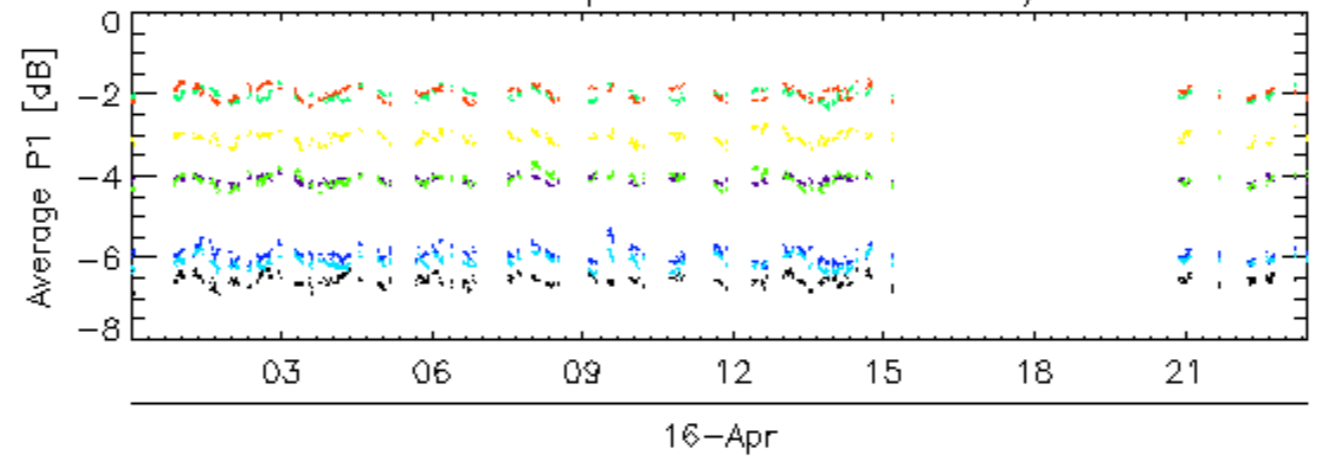
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### Calibration pulses for GM1 SS3 H/H

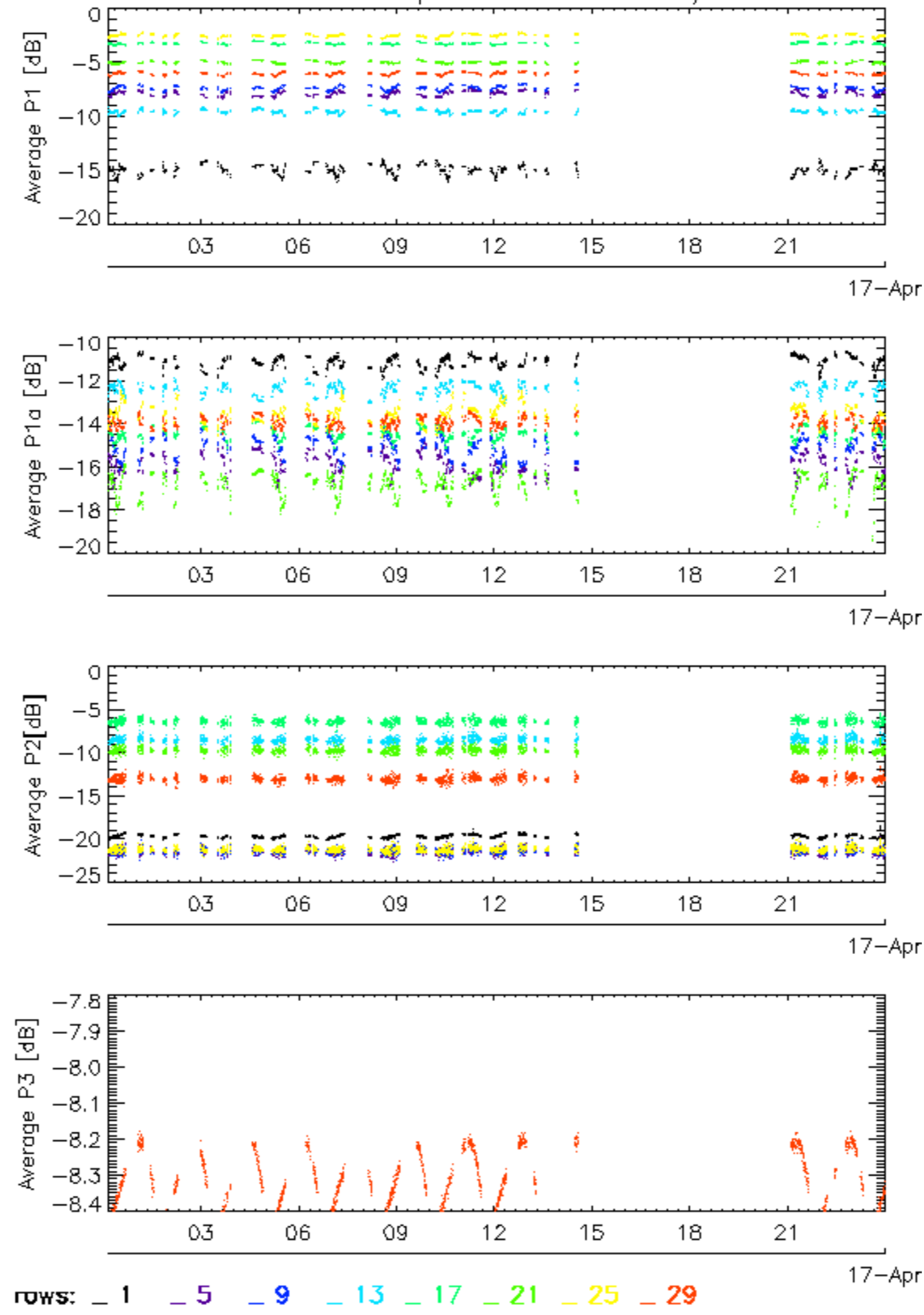


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### Calibration pulses for GM1 SS3 H/H

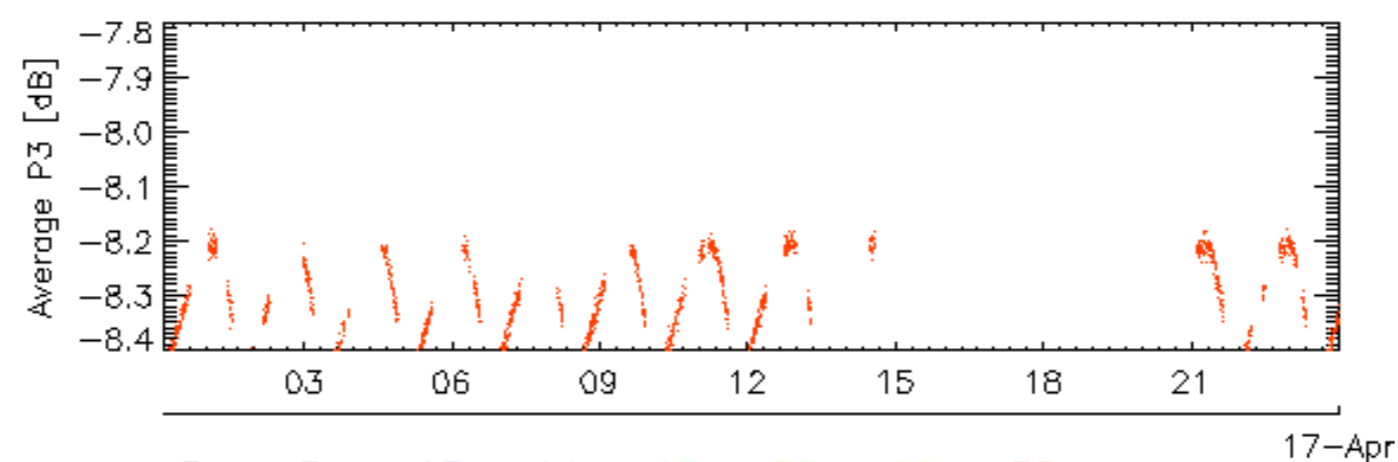
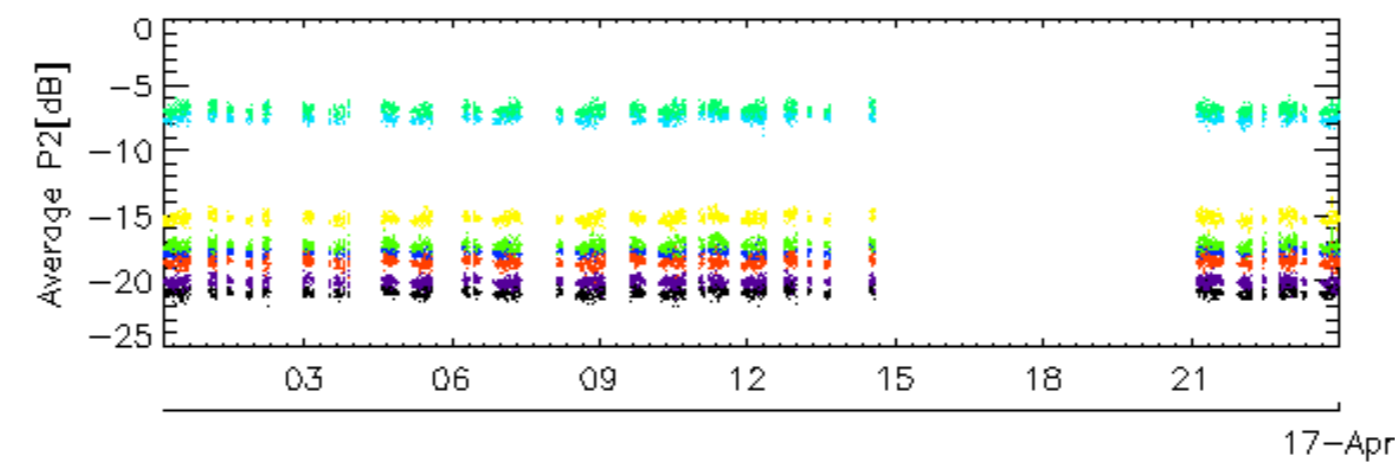
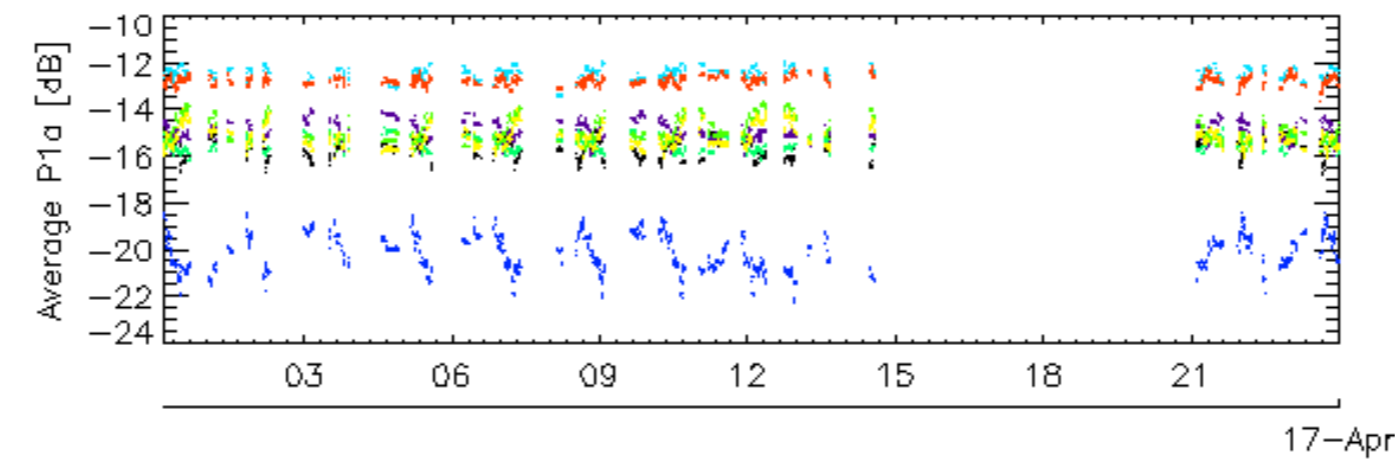
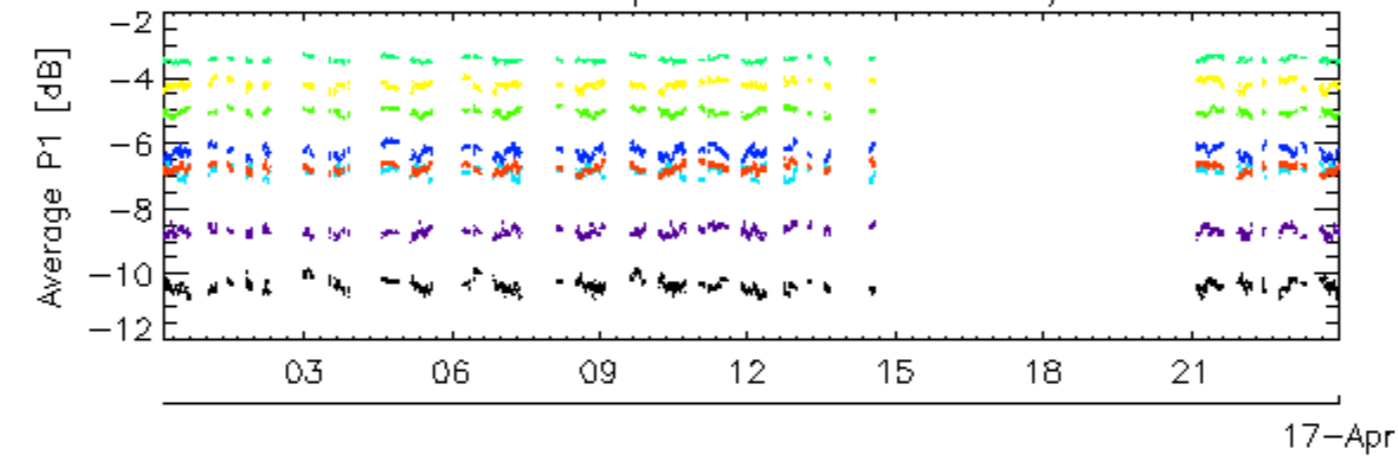


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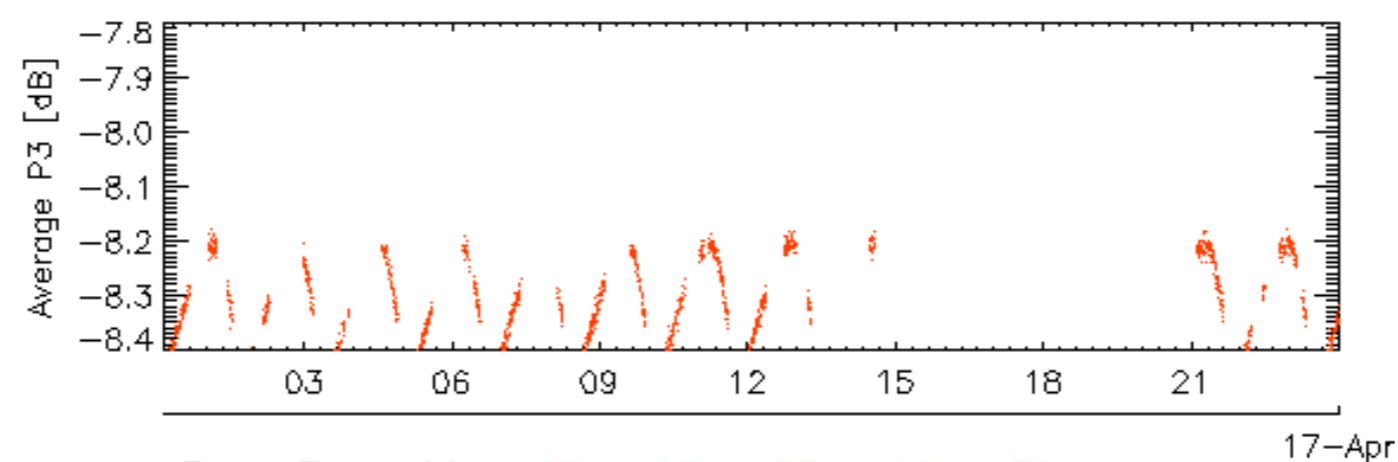
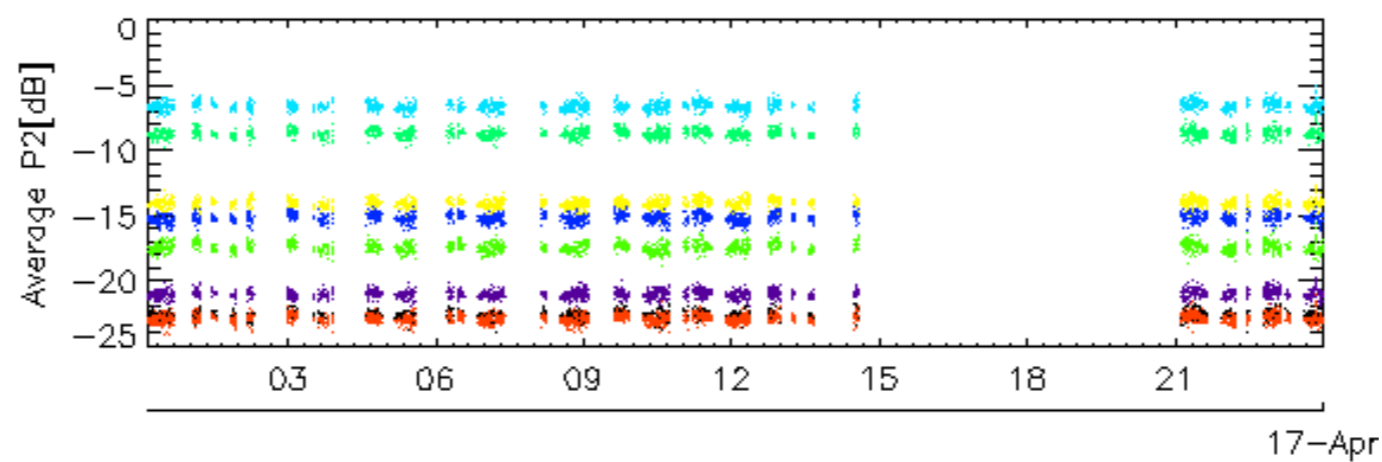
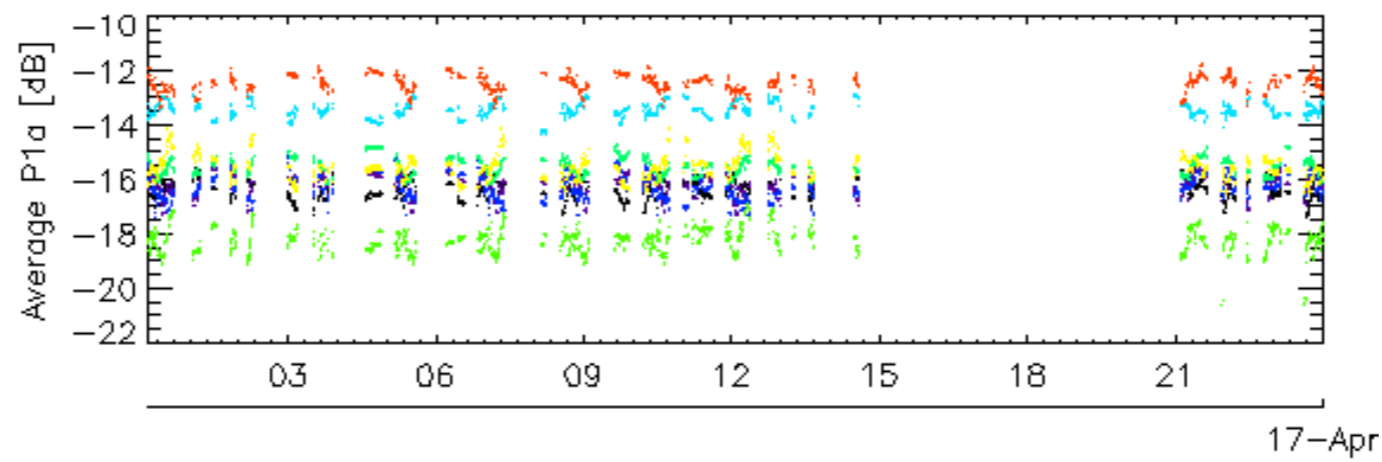
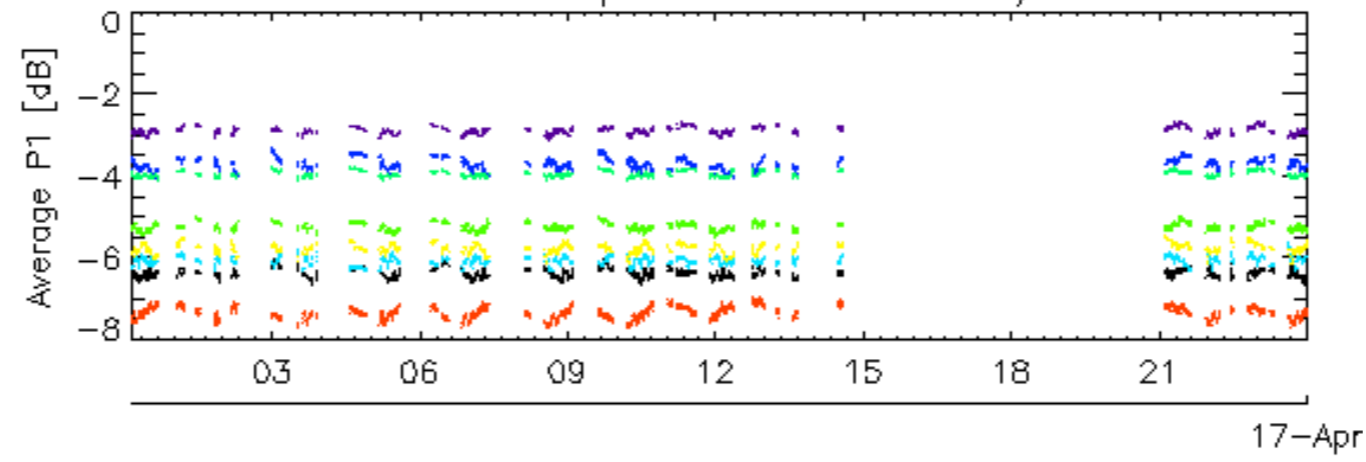


### Calibration pulses for WVS IS2 V/V



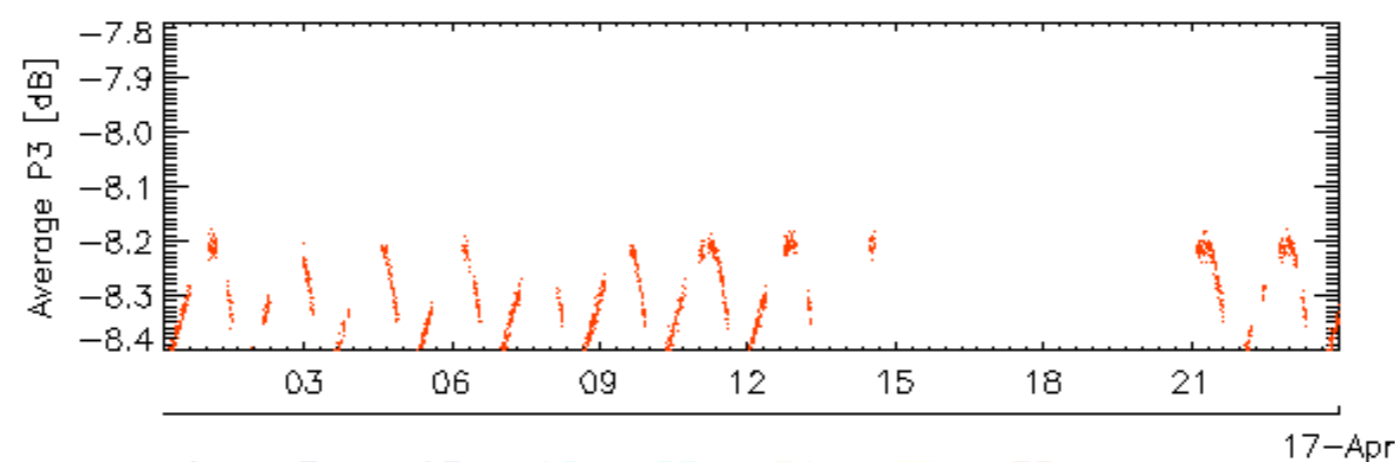
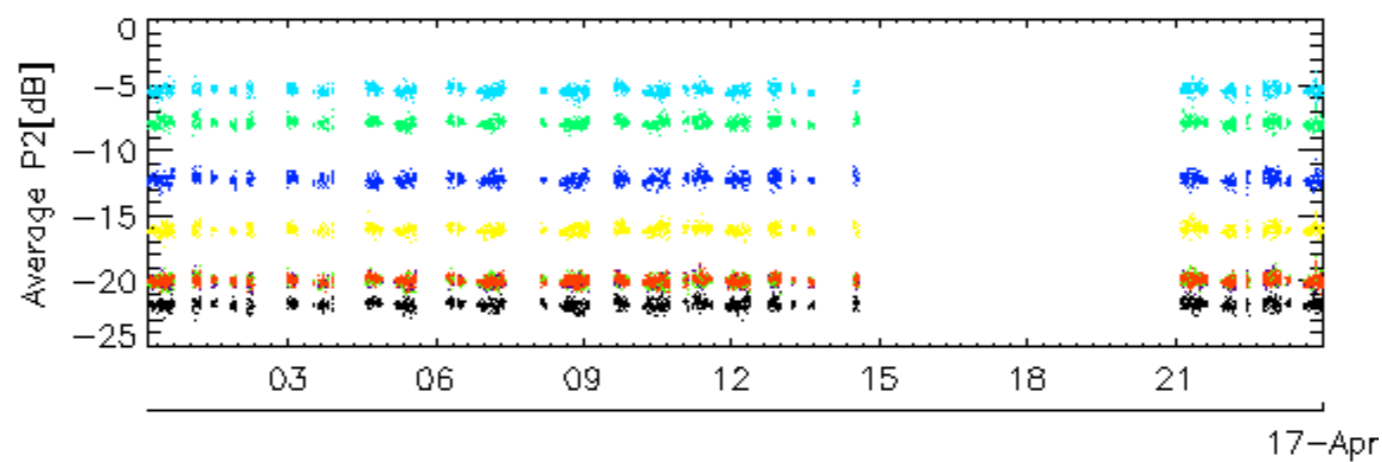
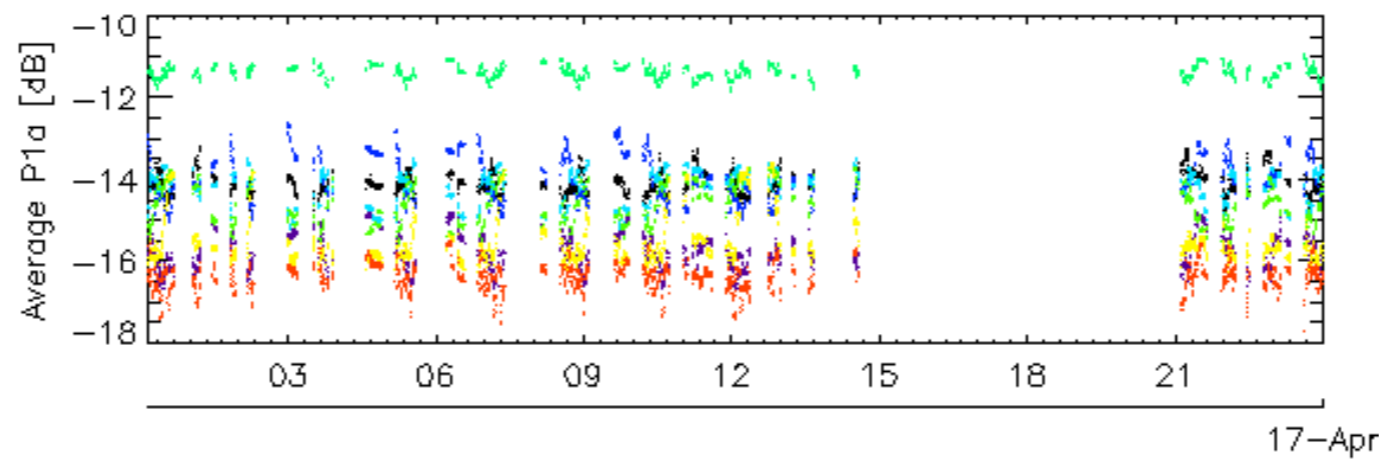
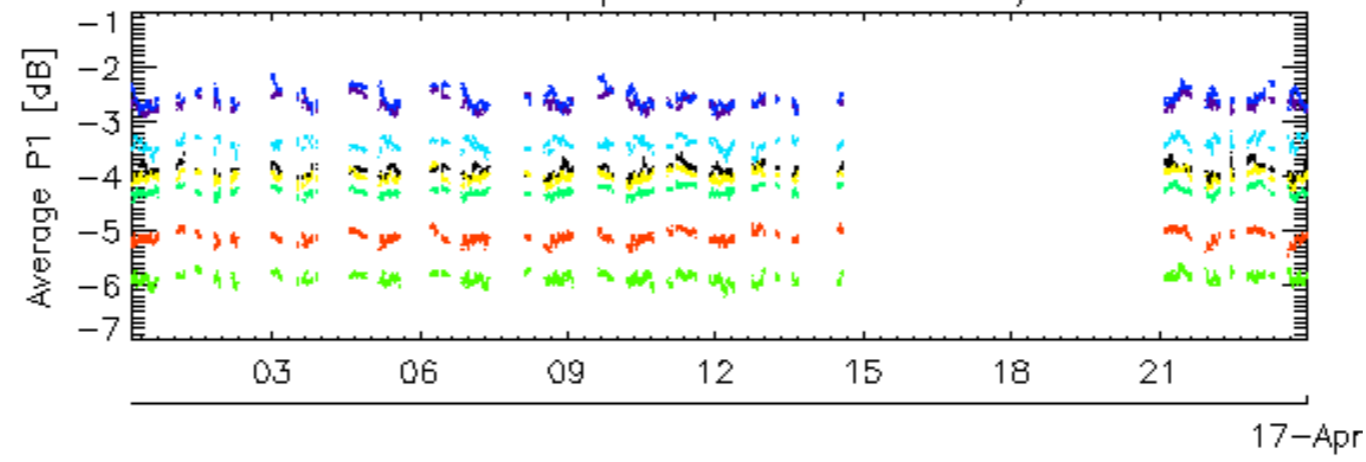
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### Calibration pulses for WVS IS2 V/V

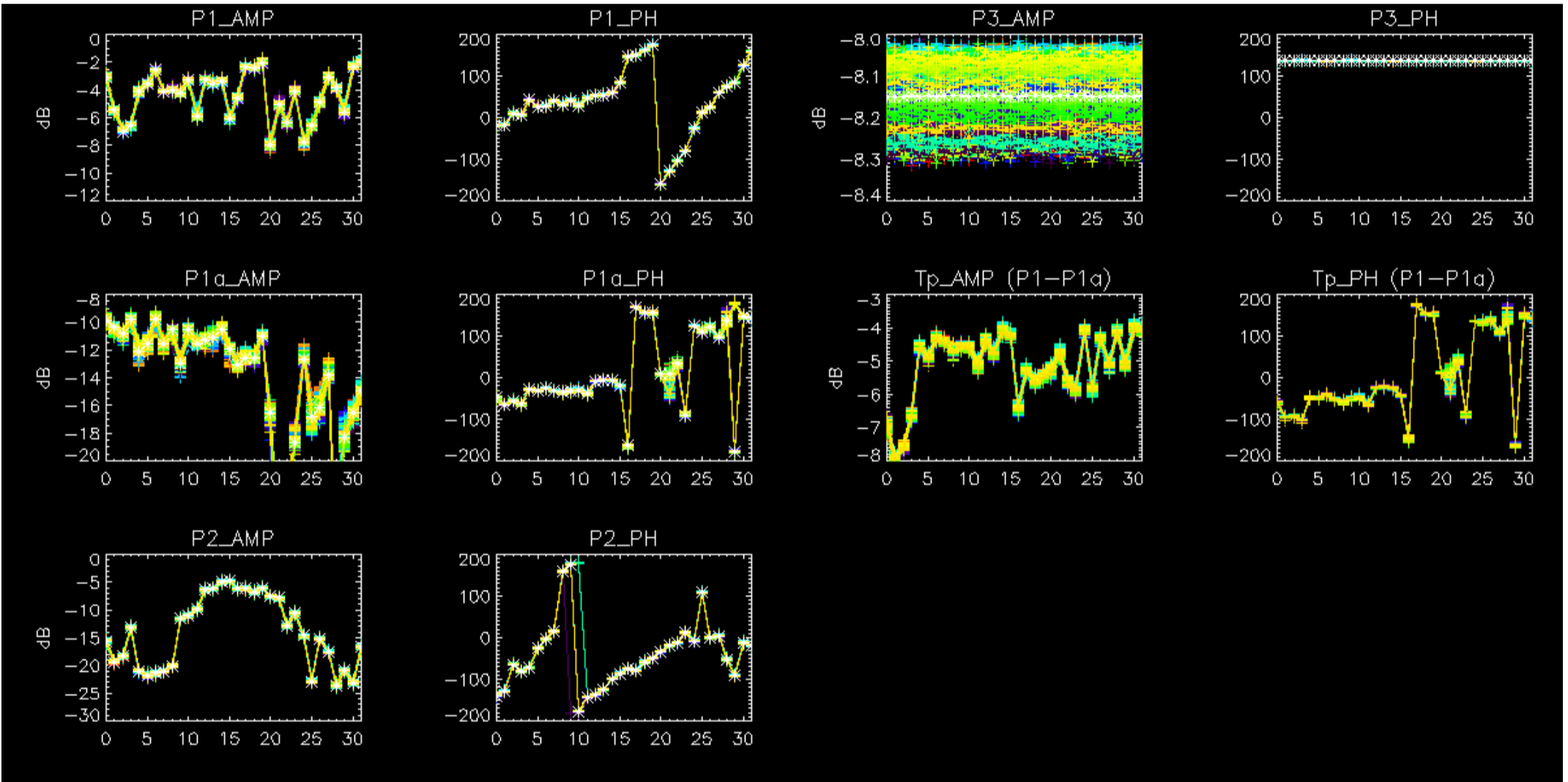


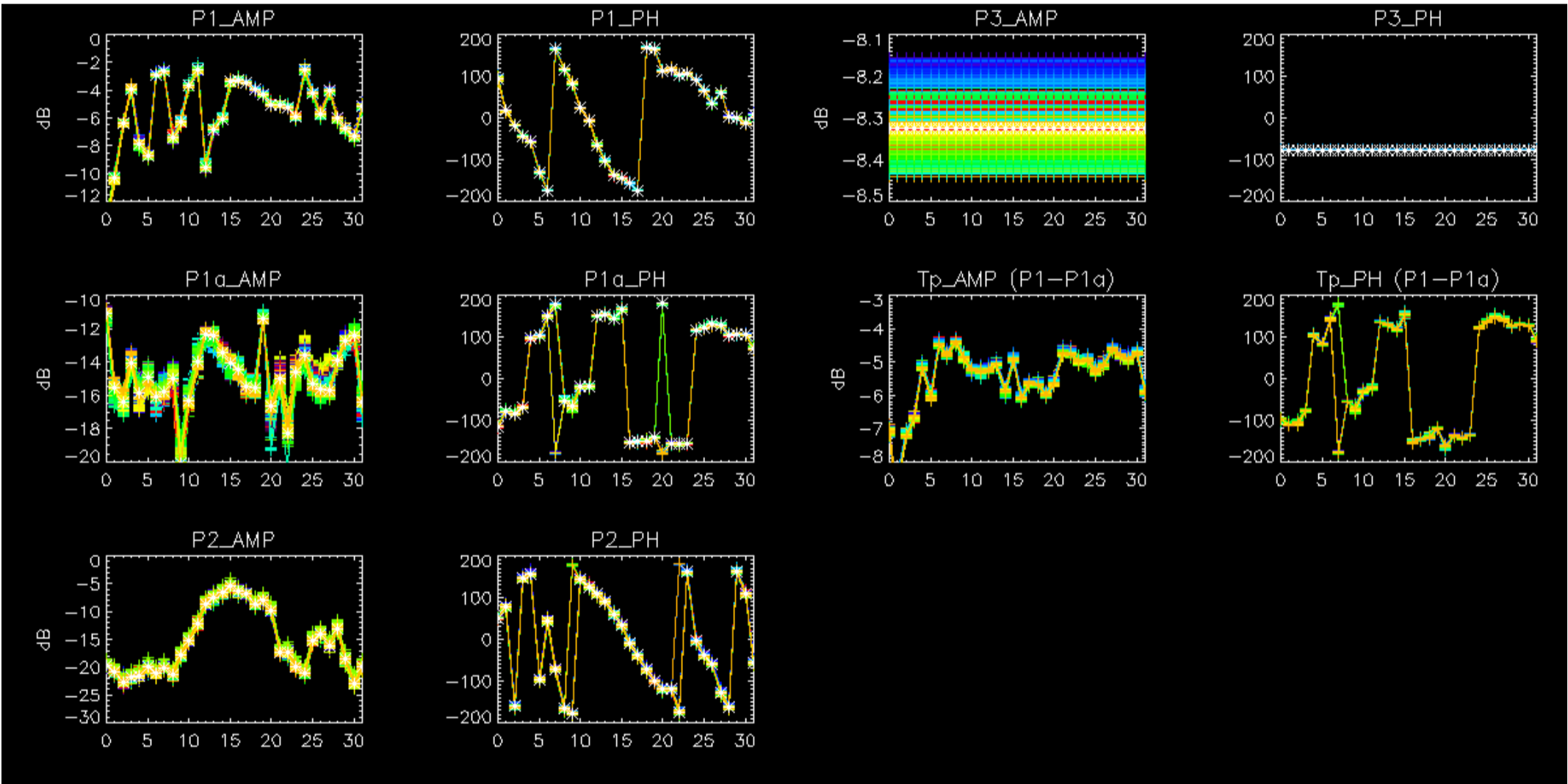
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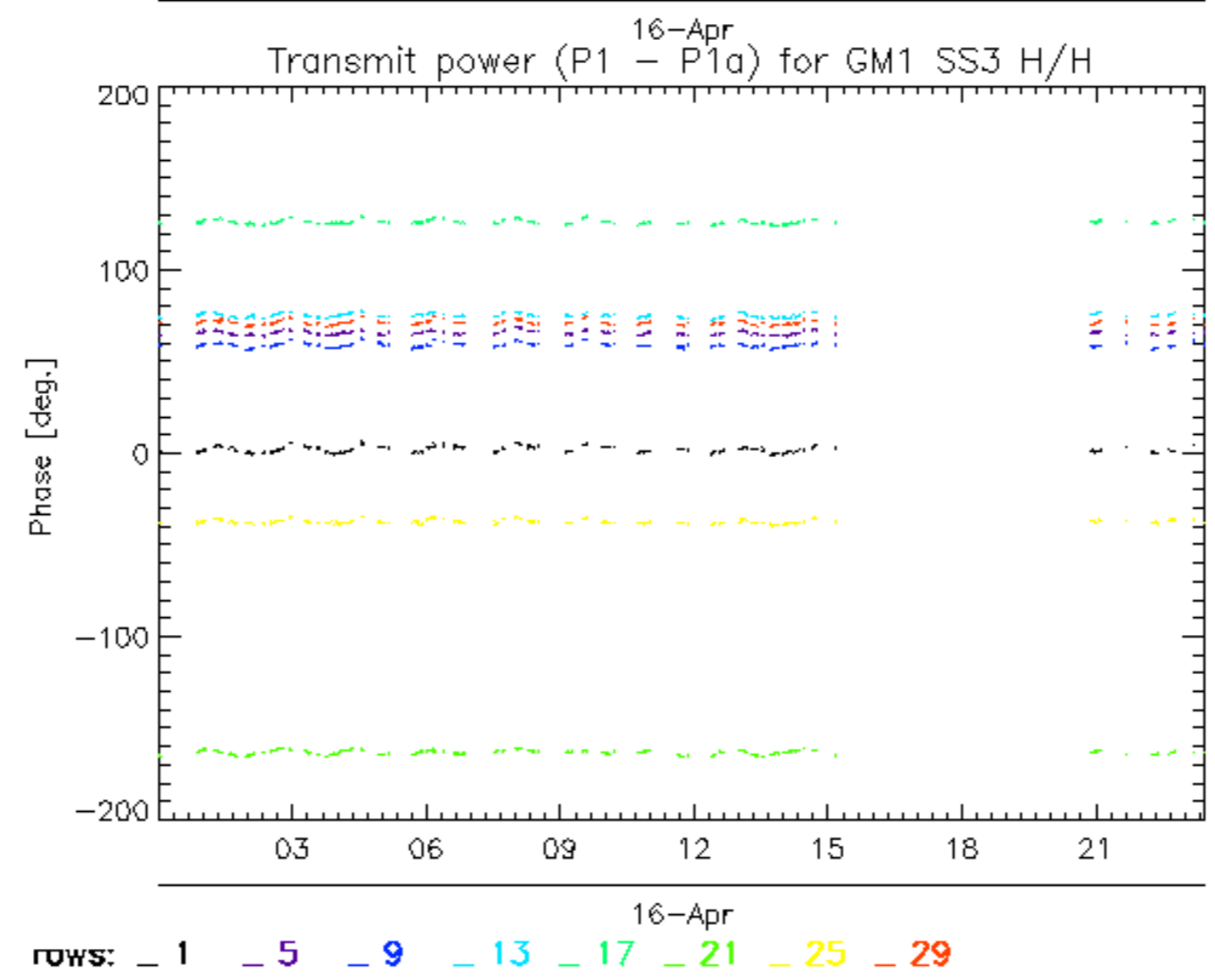
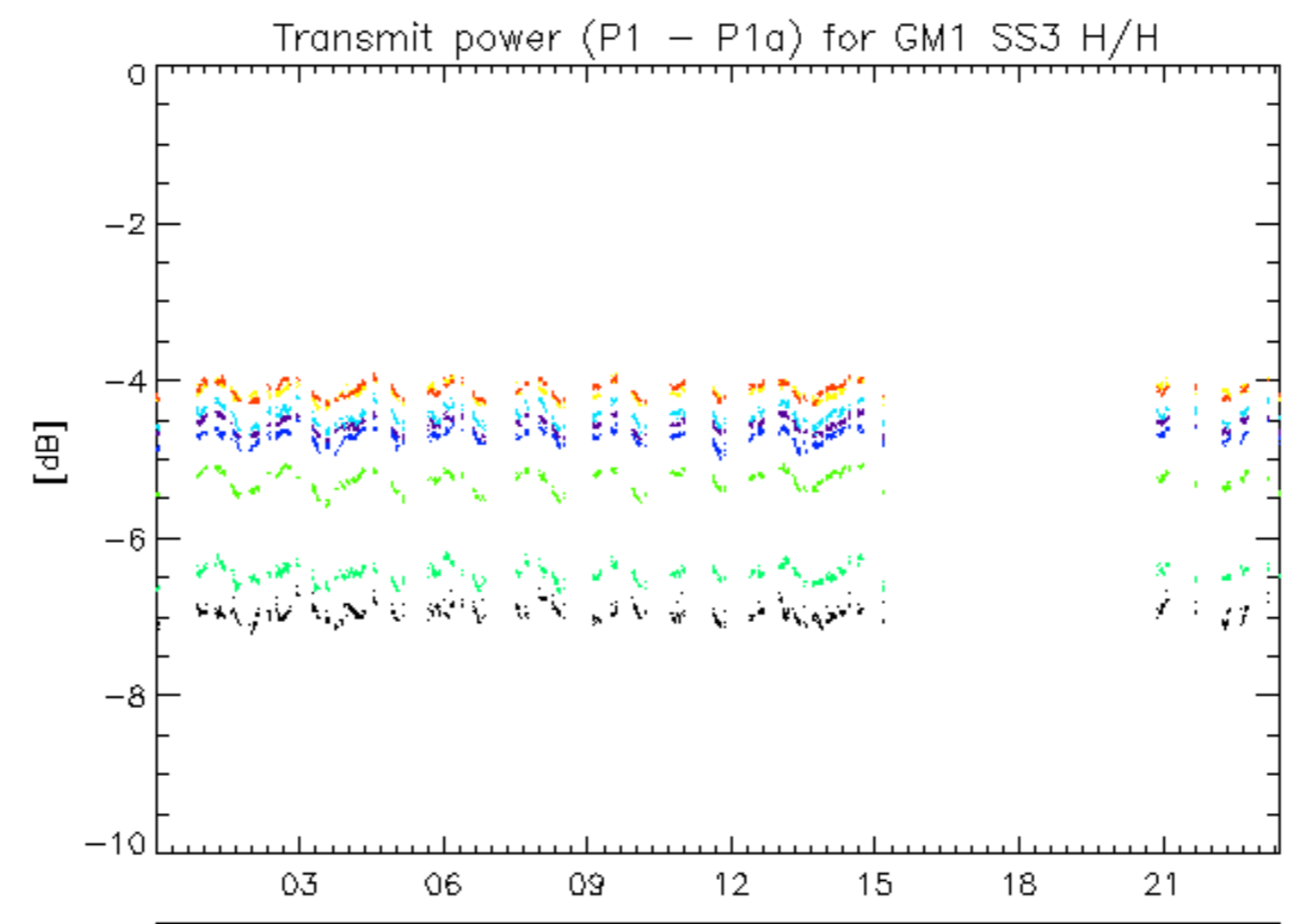
### Calibration pulses for WVS IS2 V/V

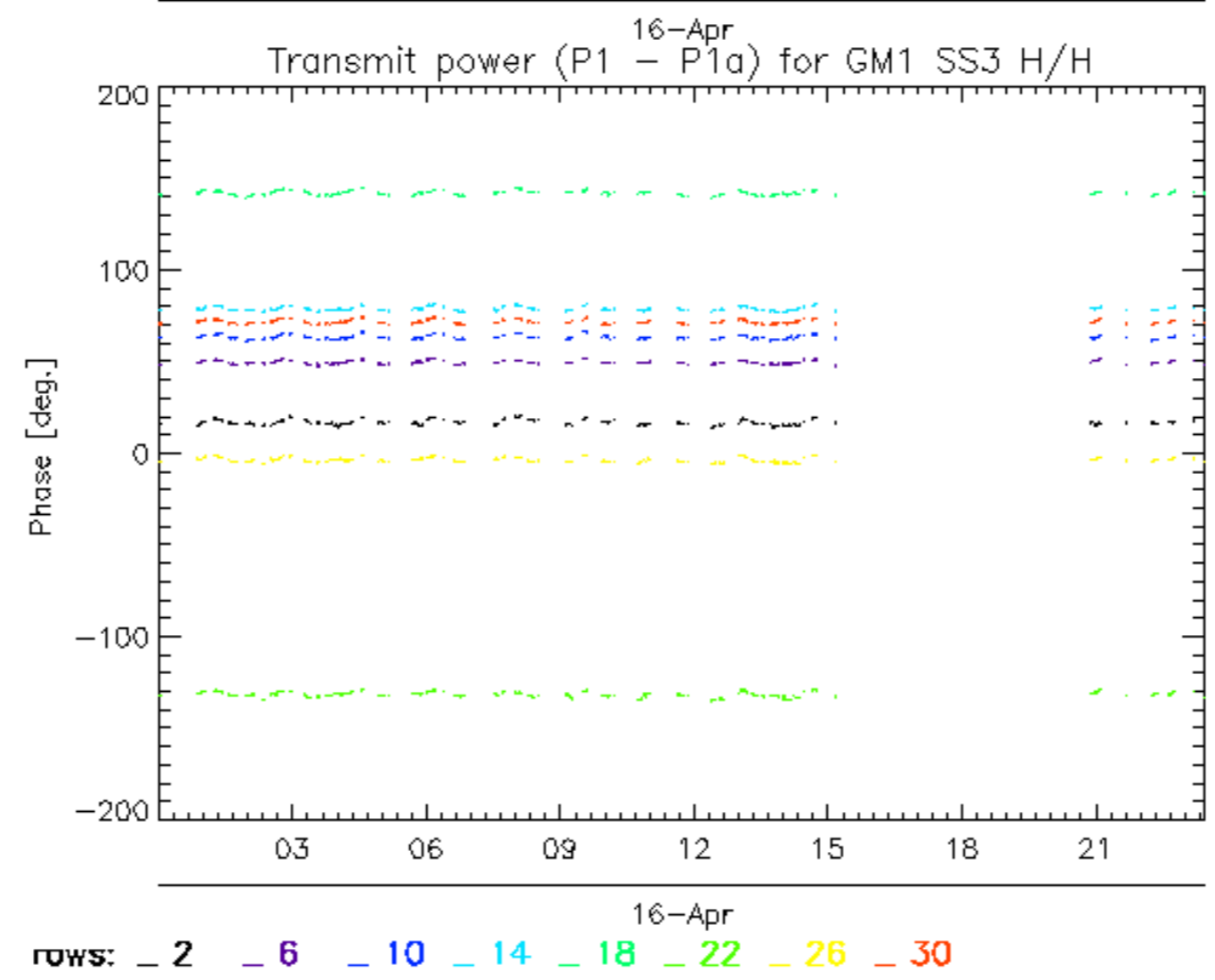
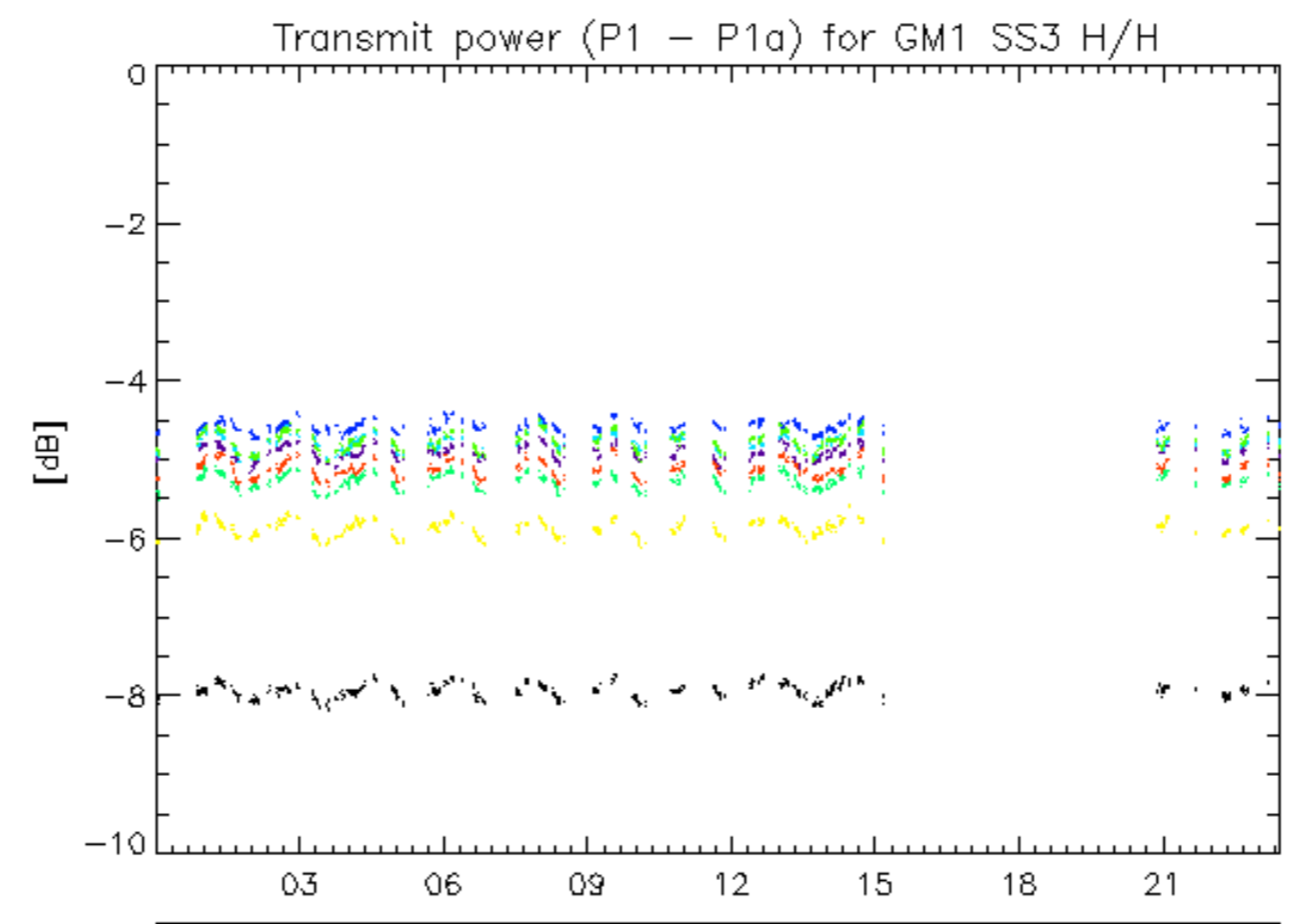


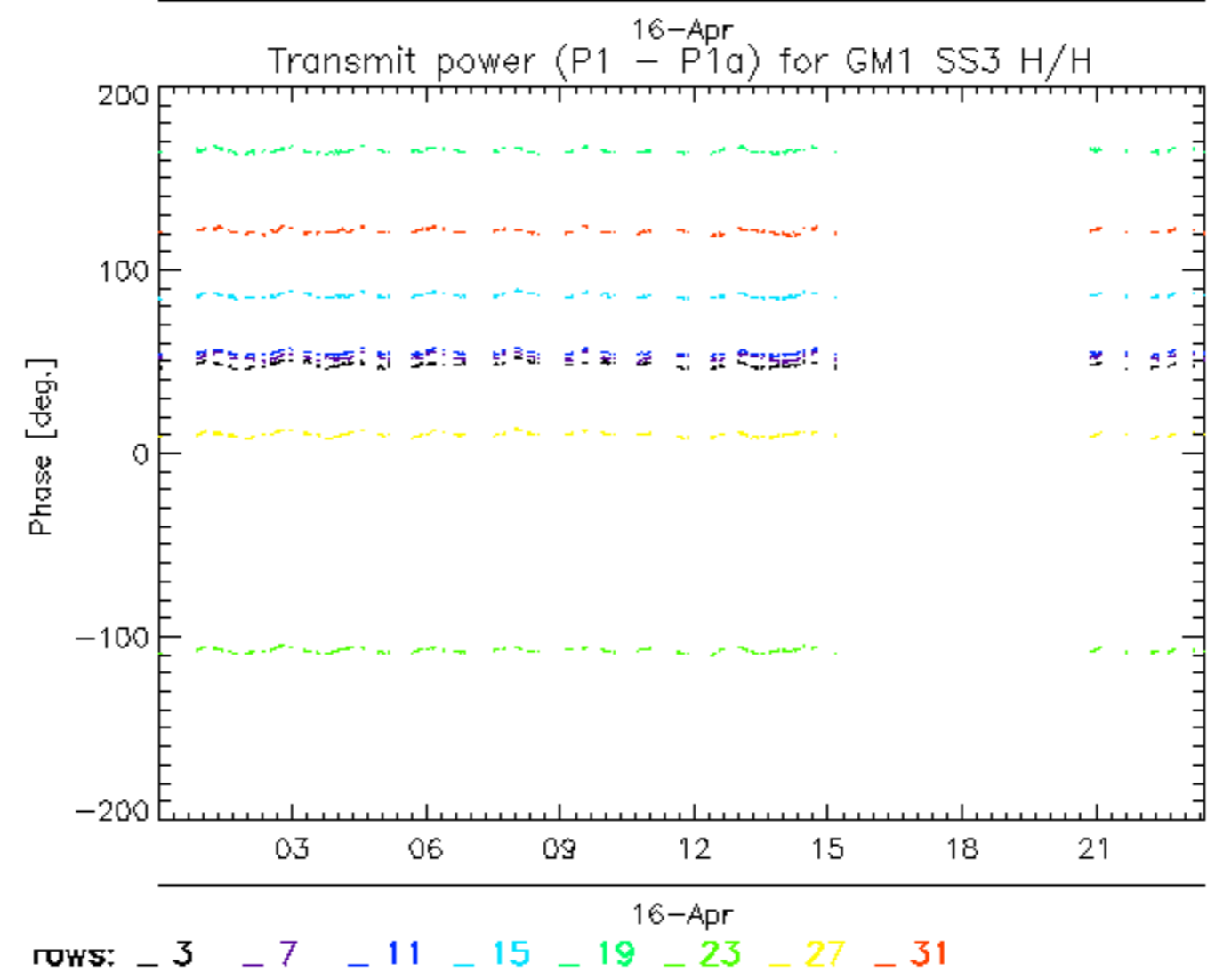
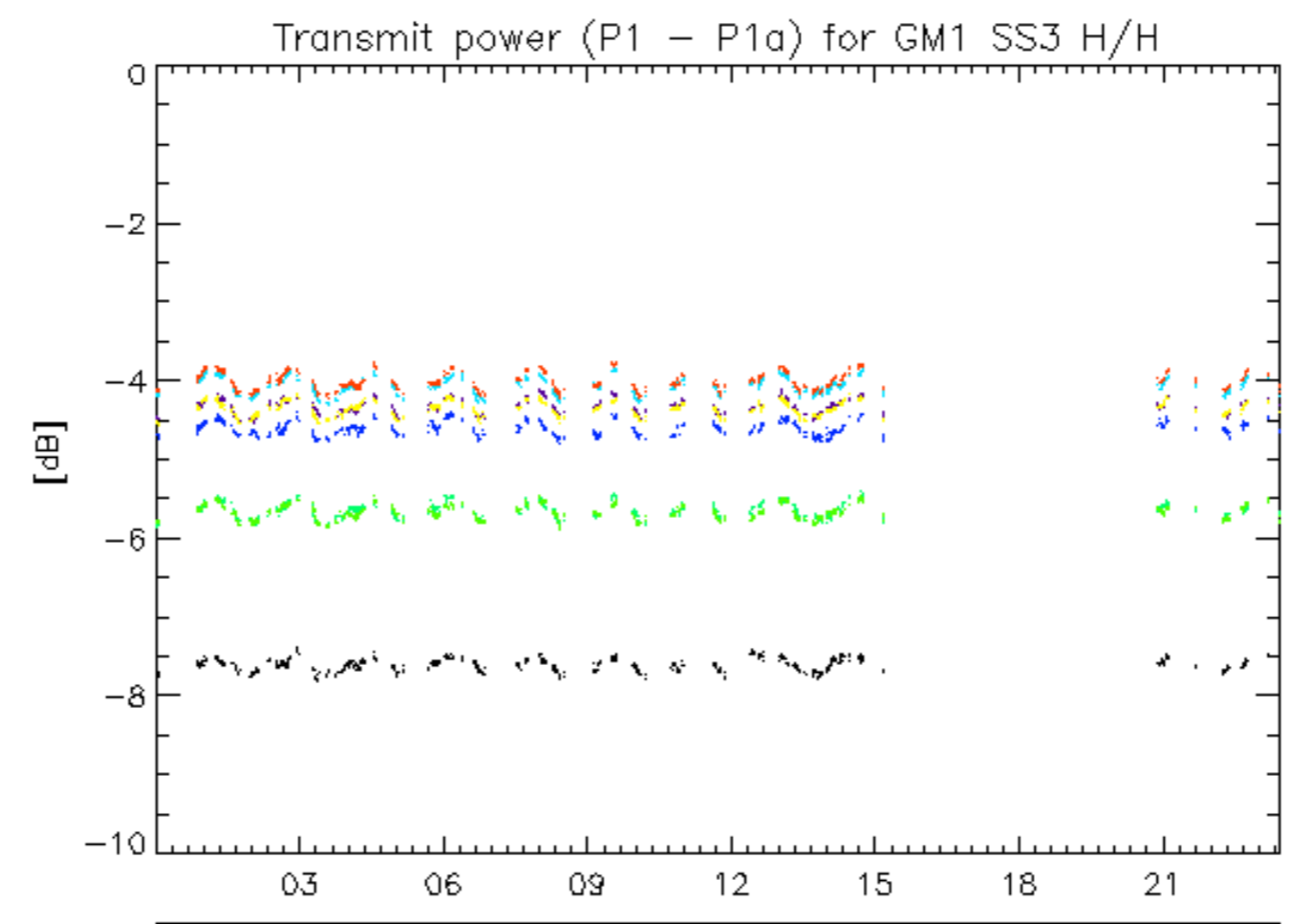
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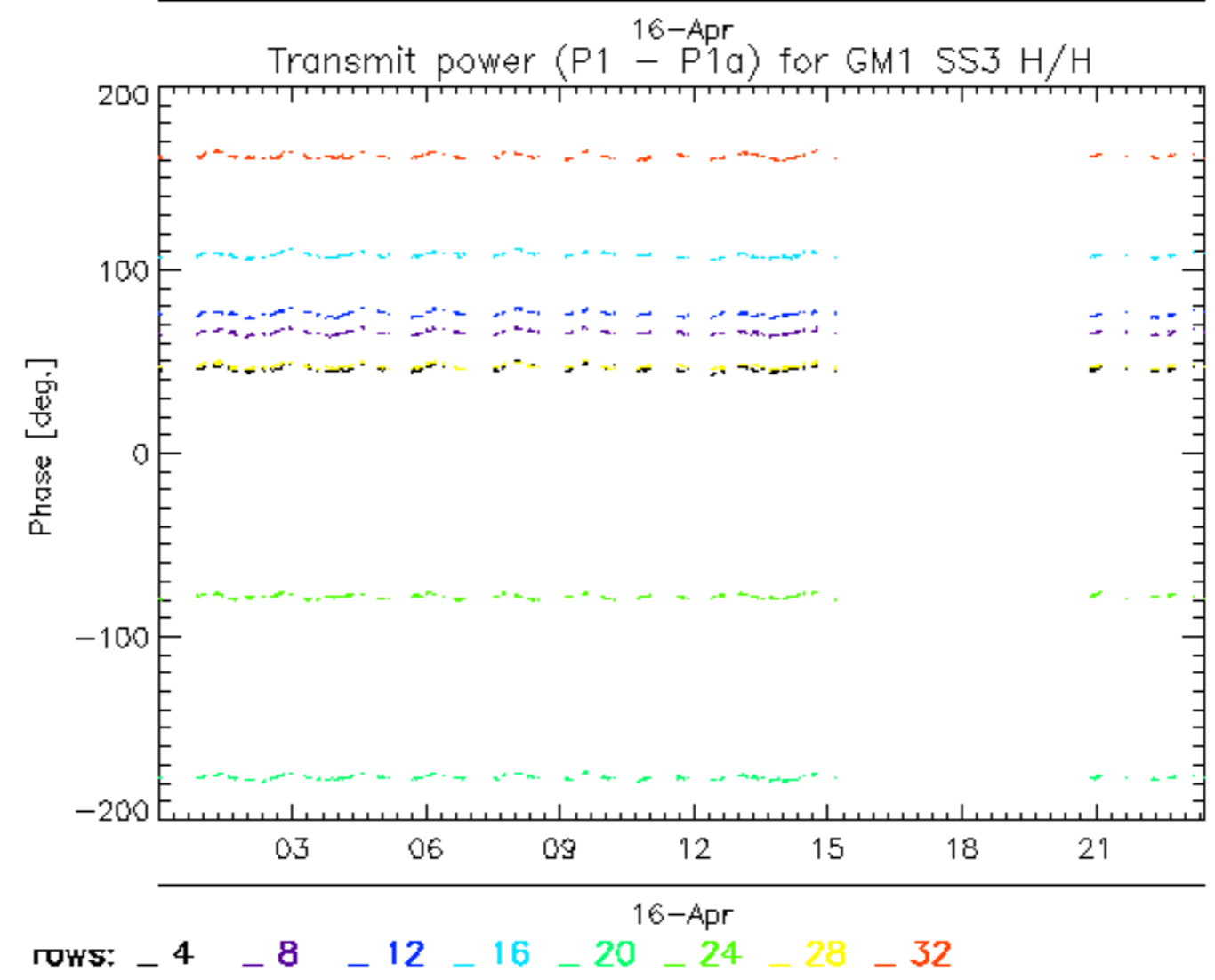
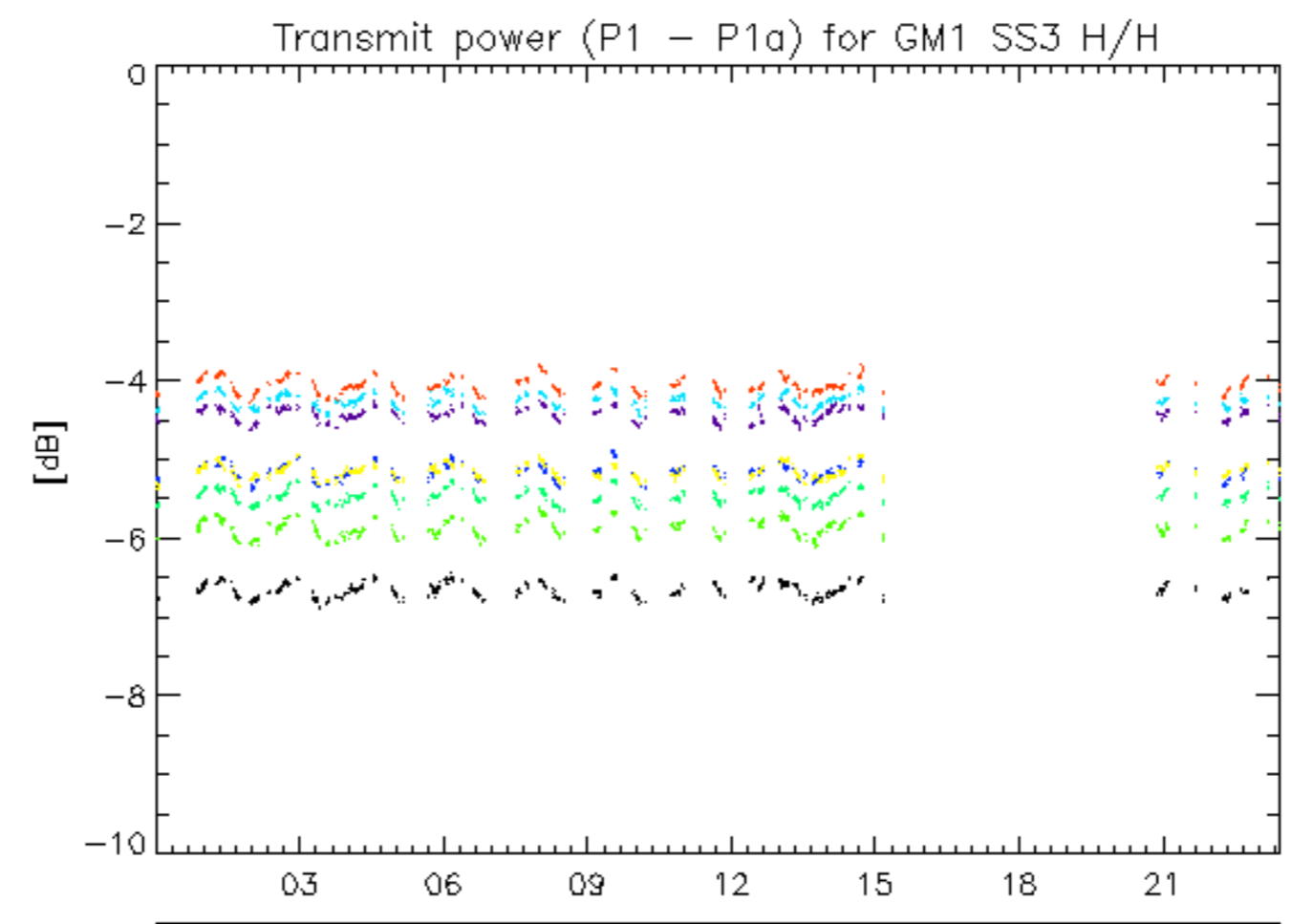


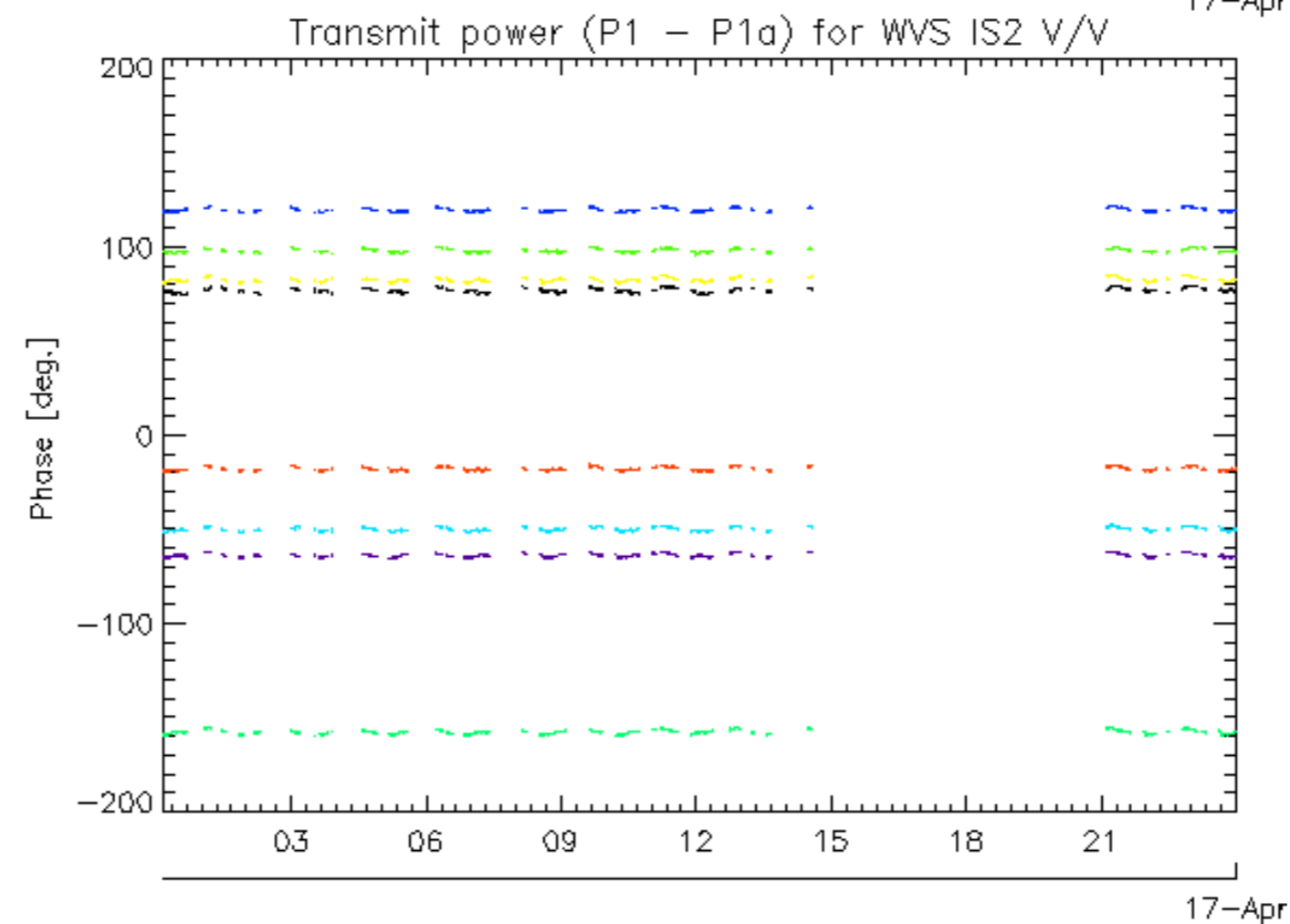
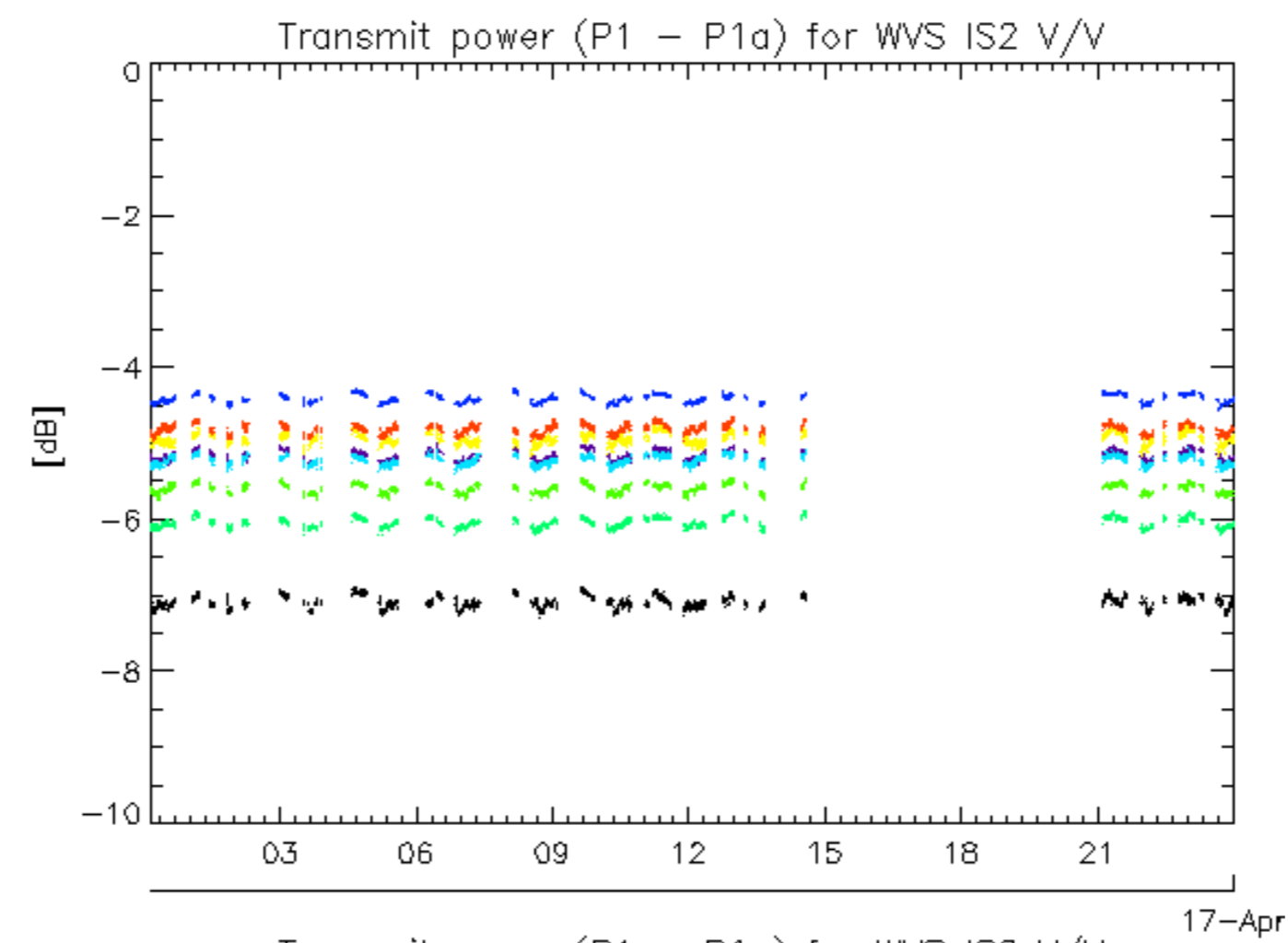




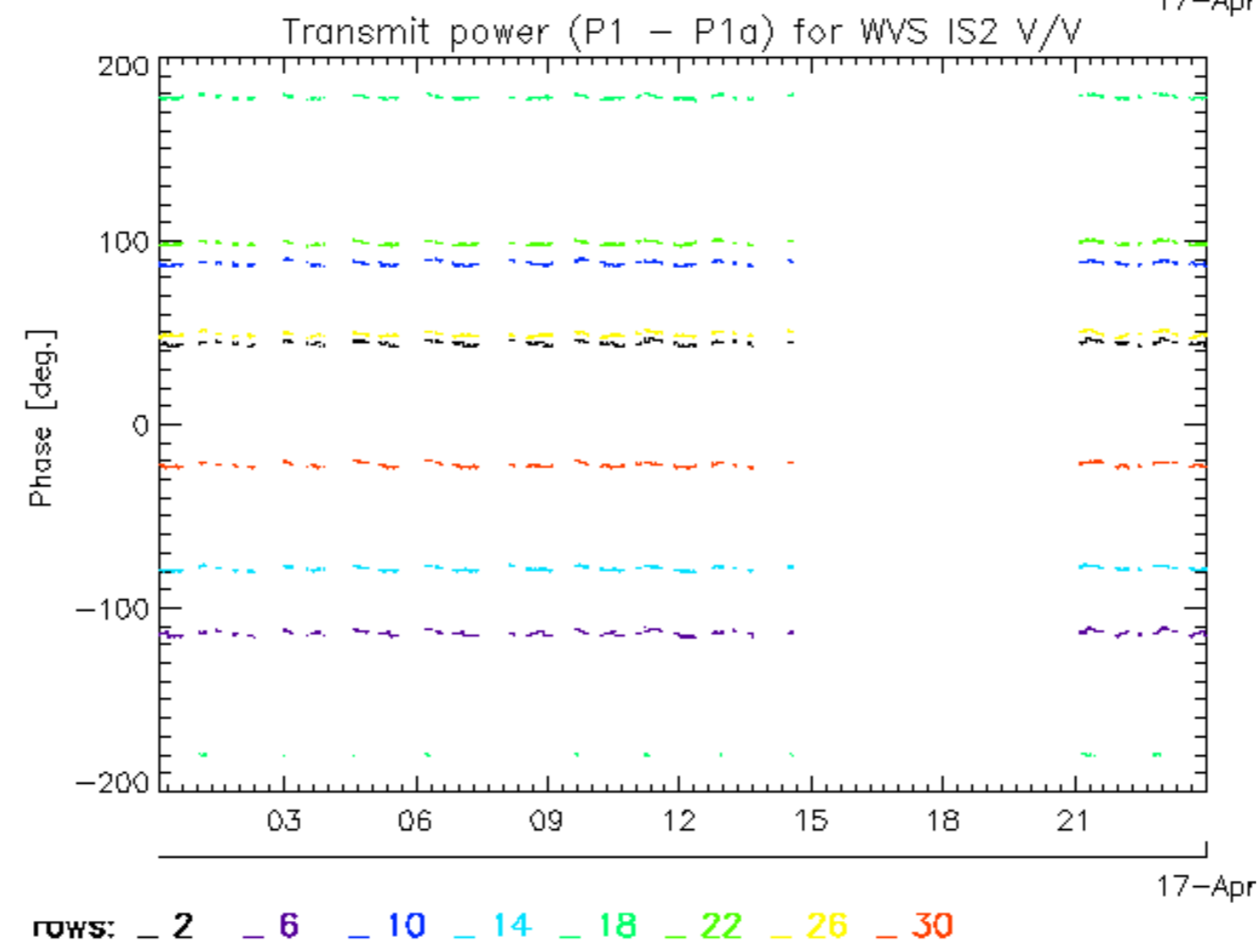
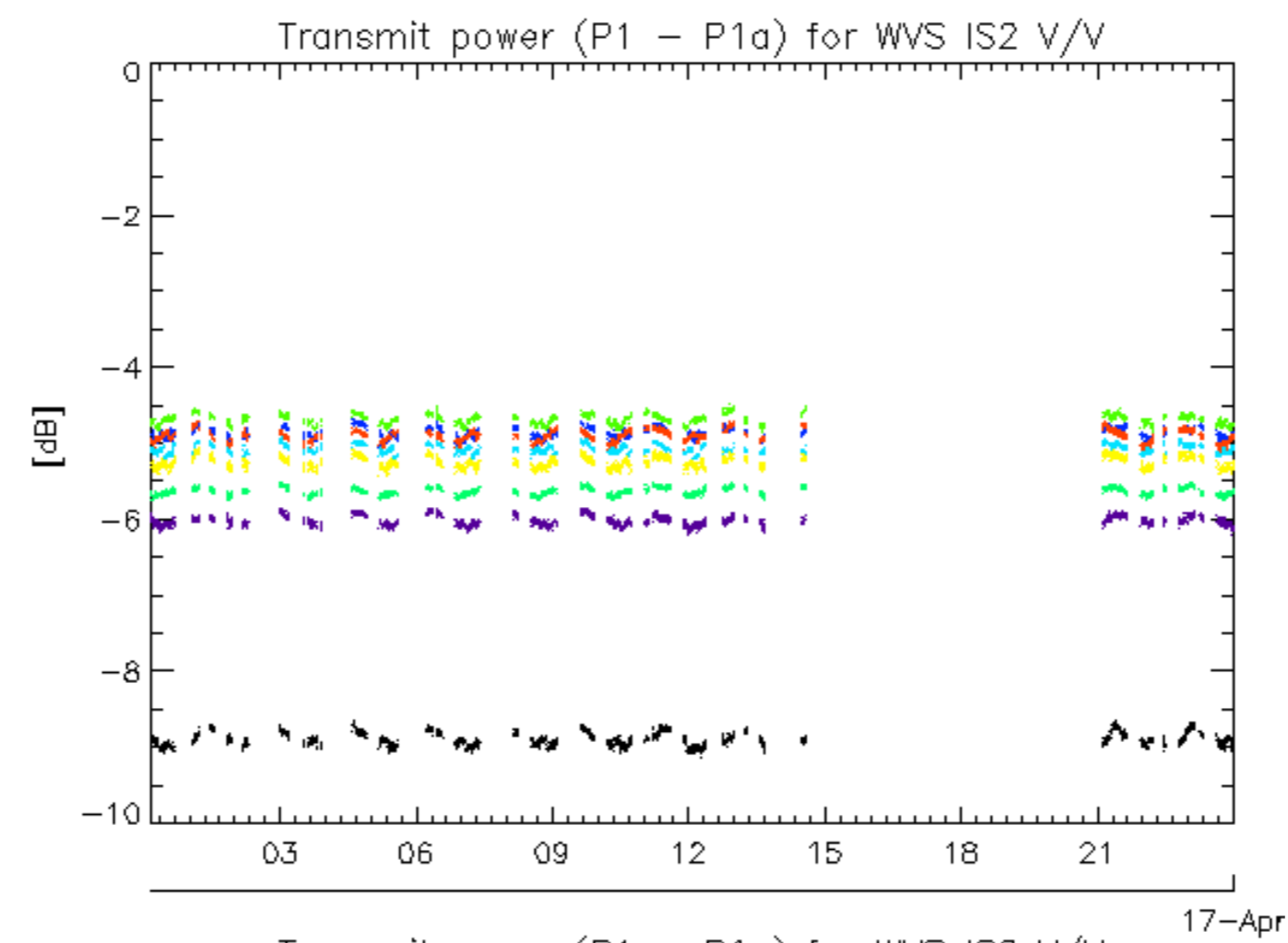


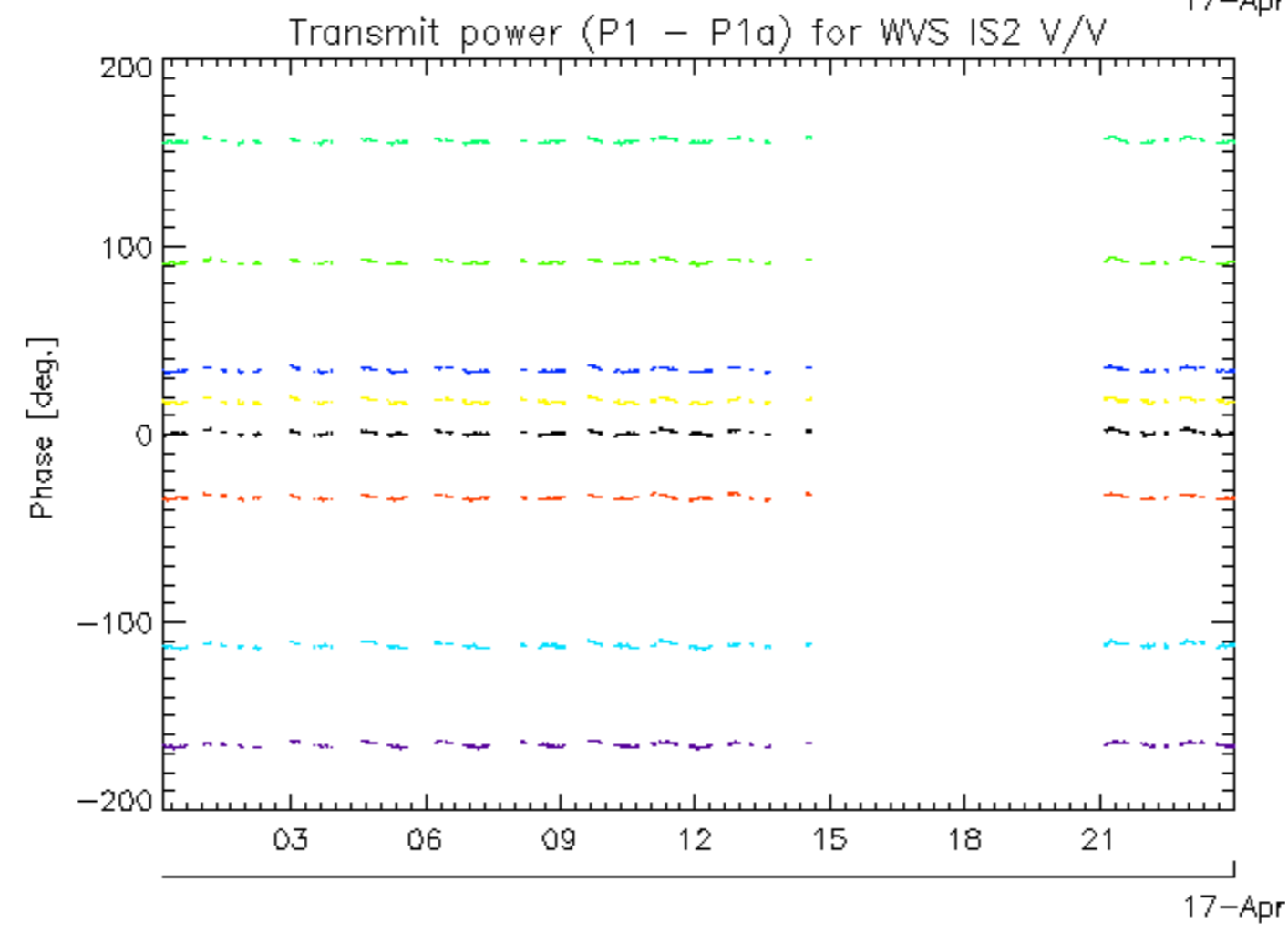
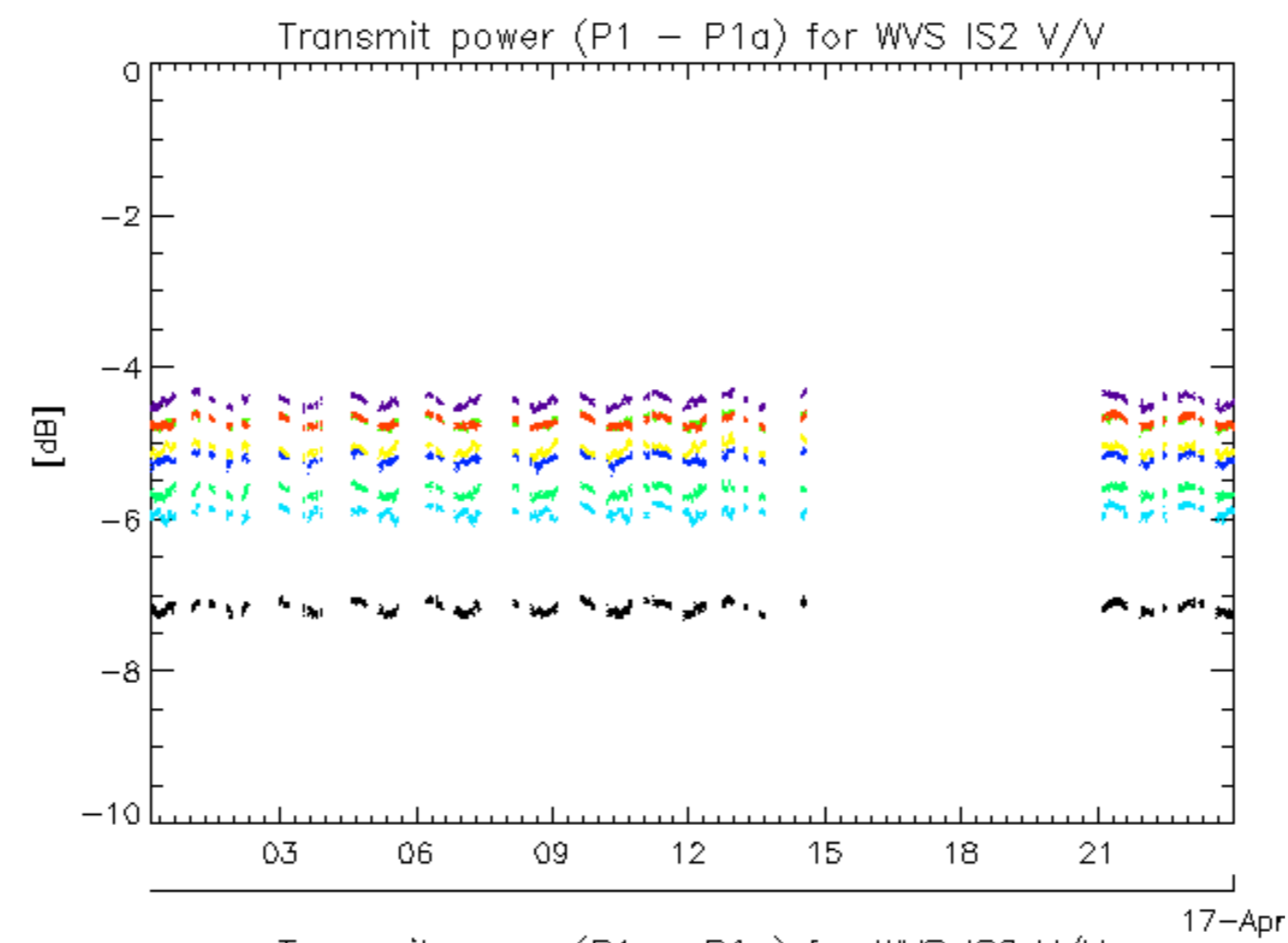




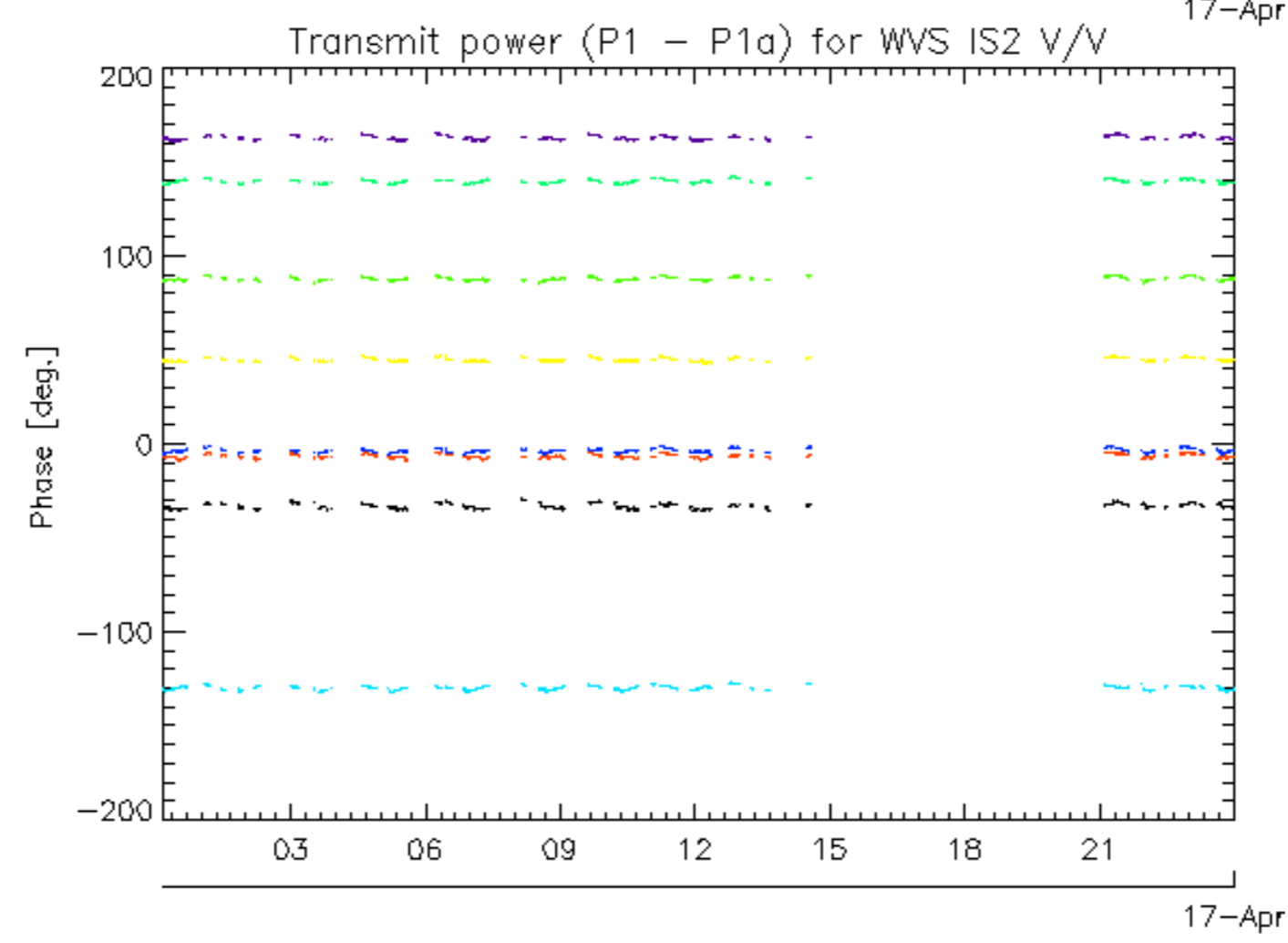
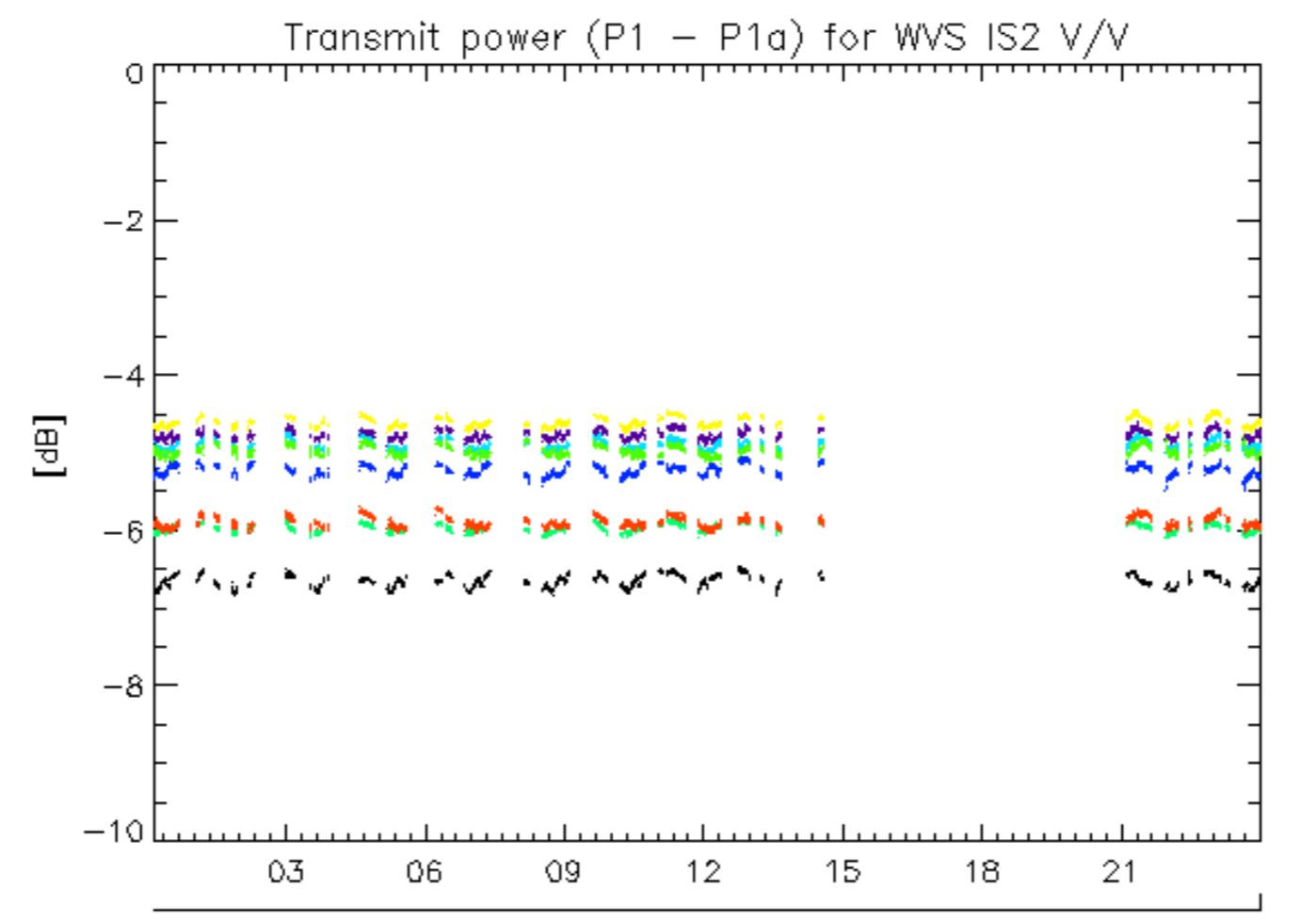


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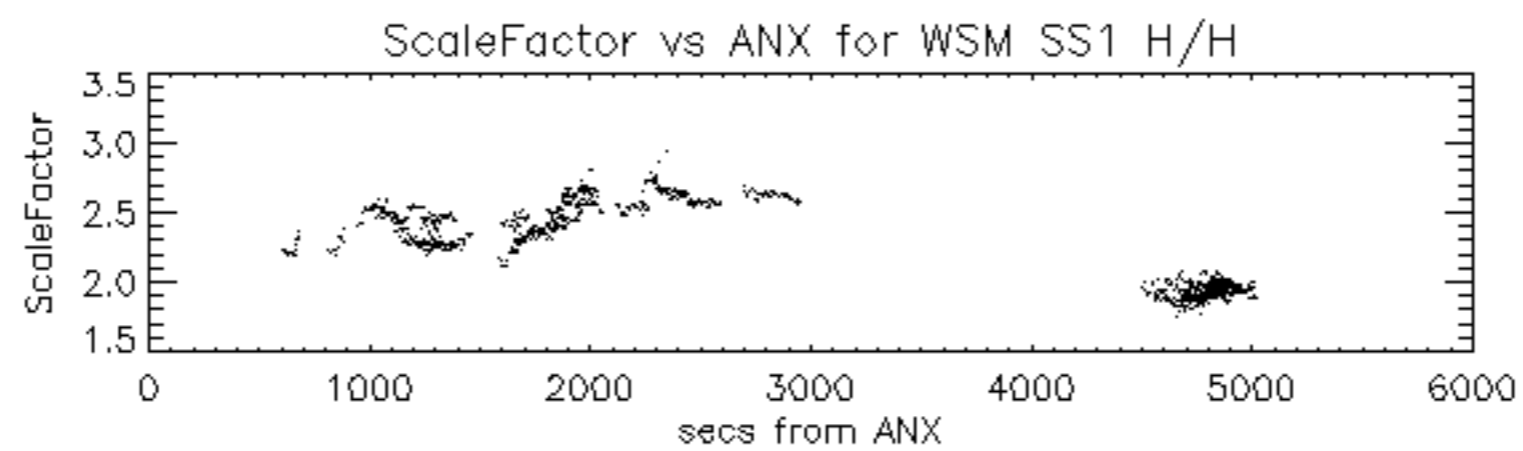


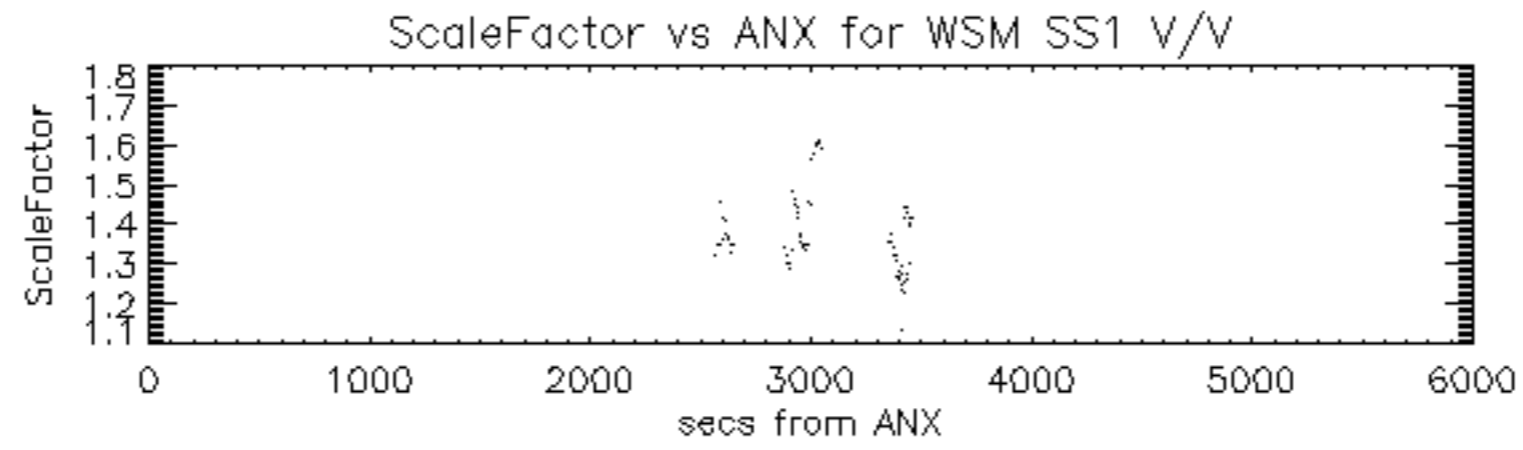


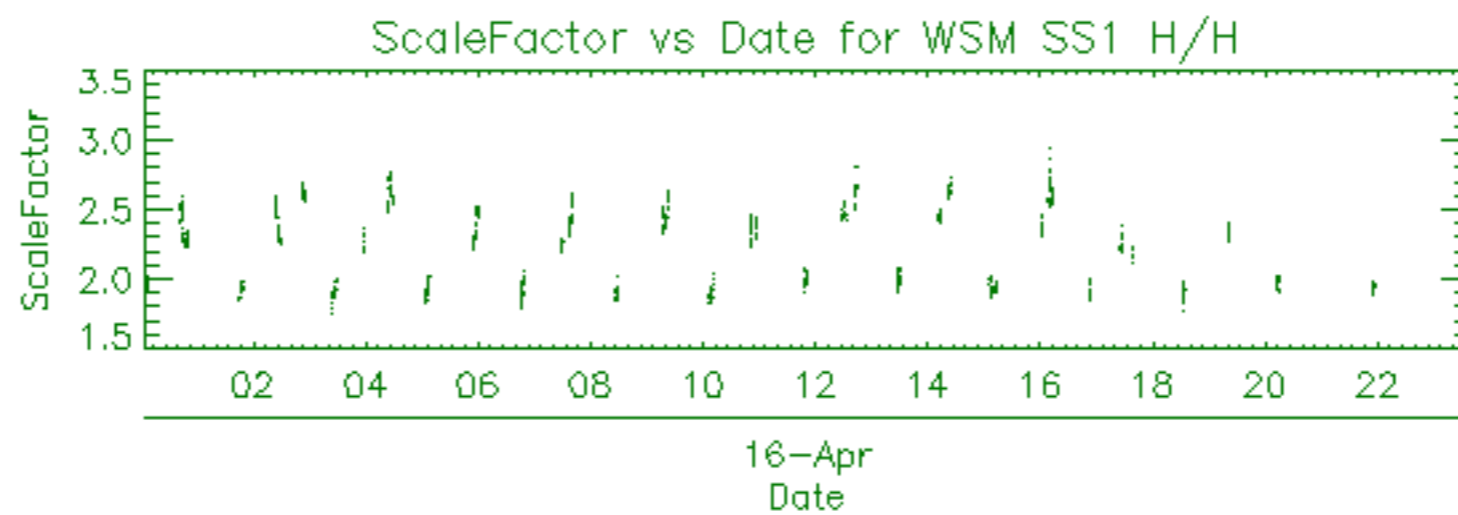
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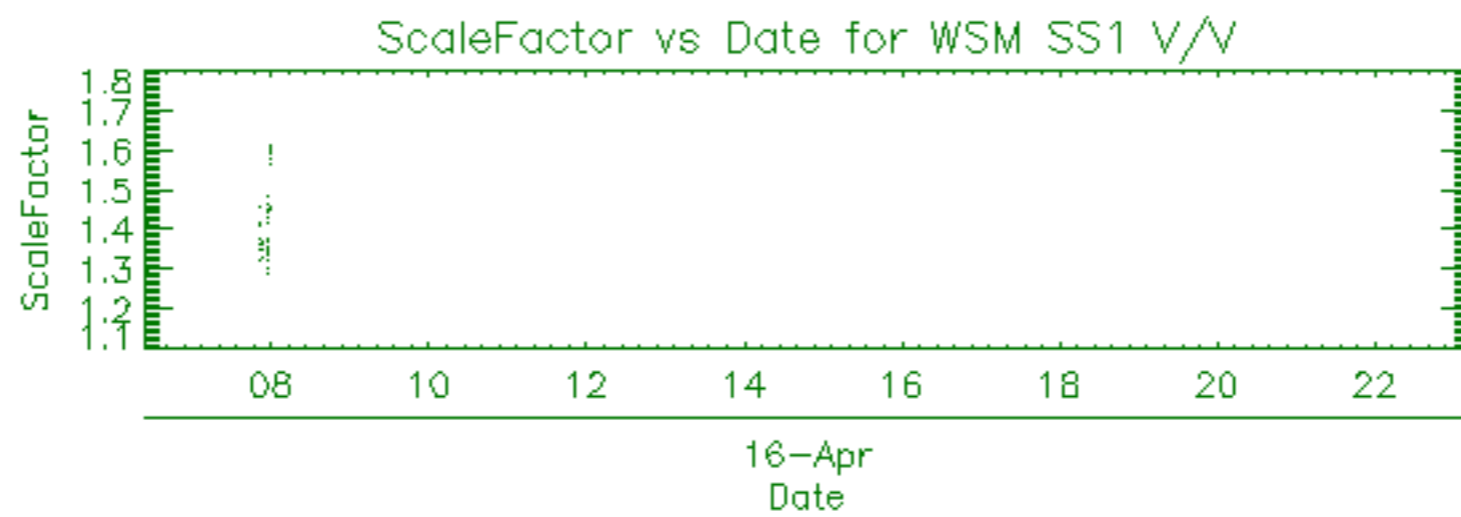
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20100416_042044_000000442088_00348_42486_4485.N1						IS3	H/H	88	42486	348	5.03
ASA_APM_1PNPDK20100416_092437_000000432088_00351_42489_5840.N1						IS6	H/H	88	42489	351	5.03
ASA_APM_1PNPDE20100416_092900_000000442088_00351_42489_4579.N1						IS3	H/H	88	42489	351	5.03
ASA_APM_1PNPDK20100416_135431_000000592088_00354_42492_5912.N1						IS1	H/H	88	42492	354	5.03
ASA_APM_1PNPDK20100416_135632_000000572088_00354_42492_5911.N1						IS2	H/H	88	42492	354	5.03
ASA_APM_1PNPDE20100416_142551_000000442088_00354_42492_4624.N1						IS3	H/H	88	42492	354	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20100415_235247_000006952088_00345_42483_4435.N1						SS1	H/H	88	42483	345	5.03
ASA_GM1_1PNPDE20100416_005053_000007792088_00346_42484_4449.N1						SS1	H/H	88	42484	346	5.03
ASA_GM1_1PNPDE20100416_011439_000007012088_00346_42484_4452.N1						SS1	H/H	88	42484	346	5.03
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ASA_GM1_1PNPDE20100416_013636_000004832088_00346_42484_4454.N1						SS1	H/H	88	42484	346	5.03
ASA_GM1_1PNPDE20100416_015725_000007012088_00346_42484_4470.N1						SS1	H/H	88	42484	346	5.03
ASA_GM1_1PNPDE20100416_022013_000001872088_00347_42485_4469.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_023012_000010452088_00347_42485_4468.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_025613_000001082088_00347_42485_4465.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_031420_000005862088_00347_42485_4498.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_033216_000003082088_00347_42485_4495.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_034437_000001022088_00347_42485_4494.N1						SS1	H/H	88	42485	347	5.03
ASA_GM1_1PNPDE20100416_035109_000001142088_00348_42486_4493.N1						SS1	H/H	88	42486	348	5.03
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ASA_GM1_1PNPDE20100416_045433_000005132088_00348_42486_4511.N1						SS1	H/H	88	42486	348	5.03
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ASA_GM1_1PNPDE20100416_053955_000000662088_00349_42487_4522.N1						SS1	H/H	88	42487	349	5.03
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ASA_GM1_1PNPDK20100416_095625_000005982088_00351_42489_5851.N1						SS1	H/H	88	42489	351	5.03
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ASA_GM1_1PNPDK20100416_133130_000001202088_00353_42491_5904.N1						SS1	H/H	88	42491	353	5.03
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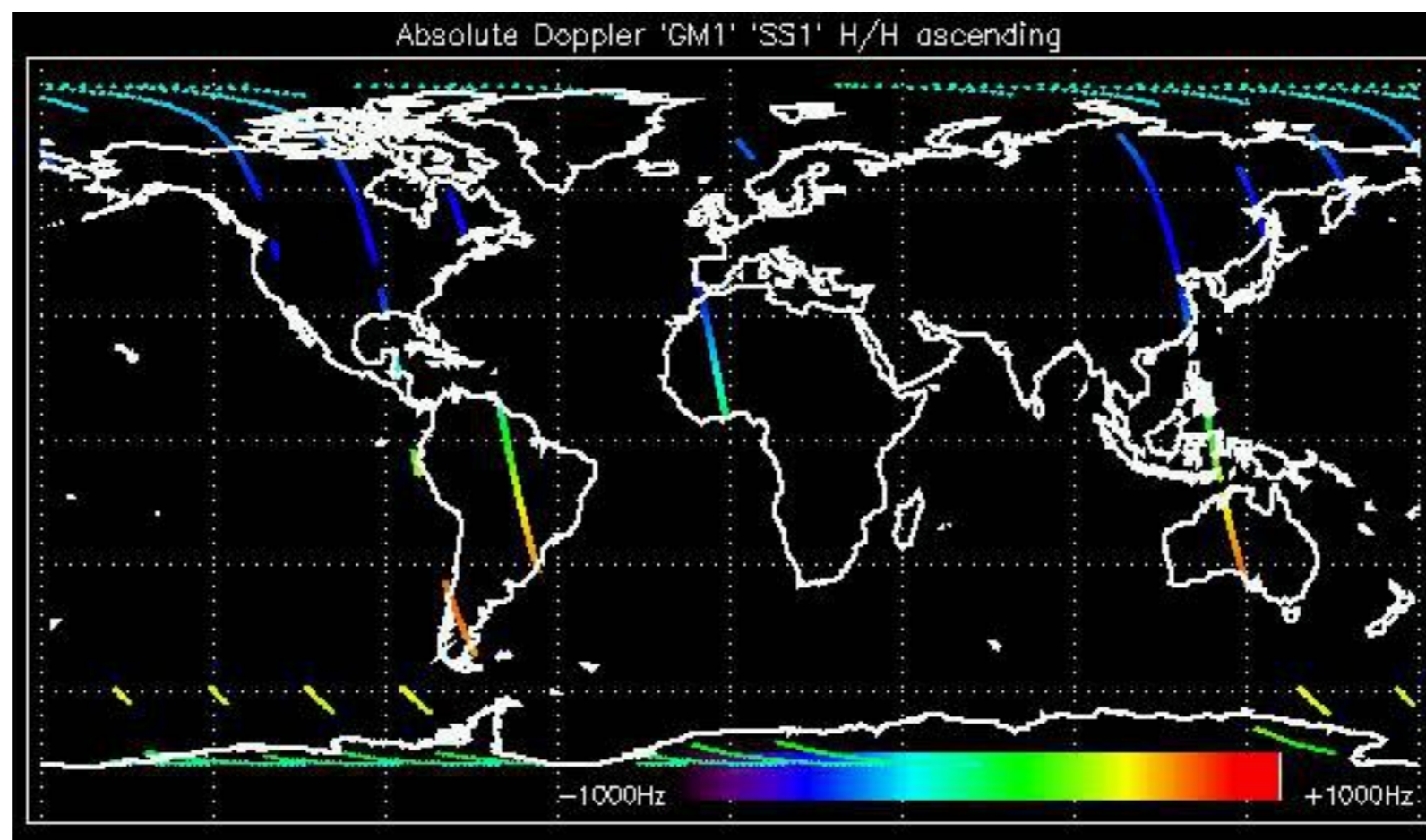
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ASA_IMM_1PNPDE20100416_024734_000002062088_00347_42485_4464.N1						IS2	V/V	88	42485	347	5.03
ASA_IMM_1PNPDE20100416_035014_000000422088_00348_42486_4507.N1						IS2	V/V	88	42486	348	5.03
ASA_IMM_1PNPDE20100416_053606_000002182088_00349_42487_4521.N1						IS2	V/V	88	42487	349	5.03
ASA_IMM_1PNPDE20100416_054107_000001612088_00349_42487_4525.N1						IS2	V/V	88	42487	349	5.03
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ASA_IMM_1PNPDK20100416_072408_000002432088_00350_42488_5817.N1						IS2	V/V	88	42488	350	5.03
ASA_IMM_1PNPDE20100416_075340_000001142088_00350_42488_4549.N1						IS2	H/H	88	42488	350	5.03
ASA_IMM_1PNPDE20100416_092655_000000372088_00351_42489_4578.N1						IS2	V/V	88	42489	351	5.03
ASA_IMM_1PNPDE20100416_093708_000000372088_00351_42489_4580.N1						IS2	V/V	88	42489	351	5.03
ASA_IMM_1PNPDE20100416_143519_000000692088_00354_42492_4625.N1						IS6	V/V	88	42492	354	5.03
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ASA_IMM_1PNPDE20100416_175013_000002232088_00356_42494_4638.N1						IS2	V/V	88	42494	356	5.03
ASA_IMM_1PNPDE20100416_184600_000000372088_00356_42494_4639.N1						IS3	V/V	88	42494	356	5.03
ASA_IMM_1PNPDE20100416_200232_000003022088_00357_42495_4643.N1						IS2	V/V	88	42495	357	5.03
ASA_IMM_1PNPDE20100416_200822_000002332088_00357_42495_4640.N1						IS2	V/V	88	42495	357	5.03
ASA_IMM_1PNPDE20100416_210309_000000372088_00358_42496_4657.N1						IS1	H/H	88	42496	358	5.03
ASA_IMM_1PNPDE20100416_214224_000002322088_00358_42496_4658.N1						IS2	V/V	88	42496	358	5.03
ASA_IMM_1PNPDE20100416_214734_000002732088_00358_42496_4652.N1						IS2	V/V	88	42496	358	5.03
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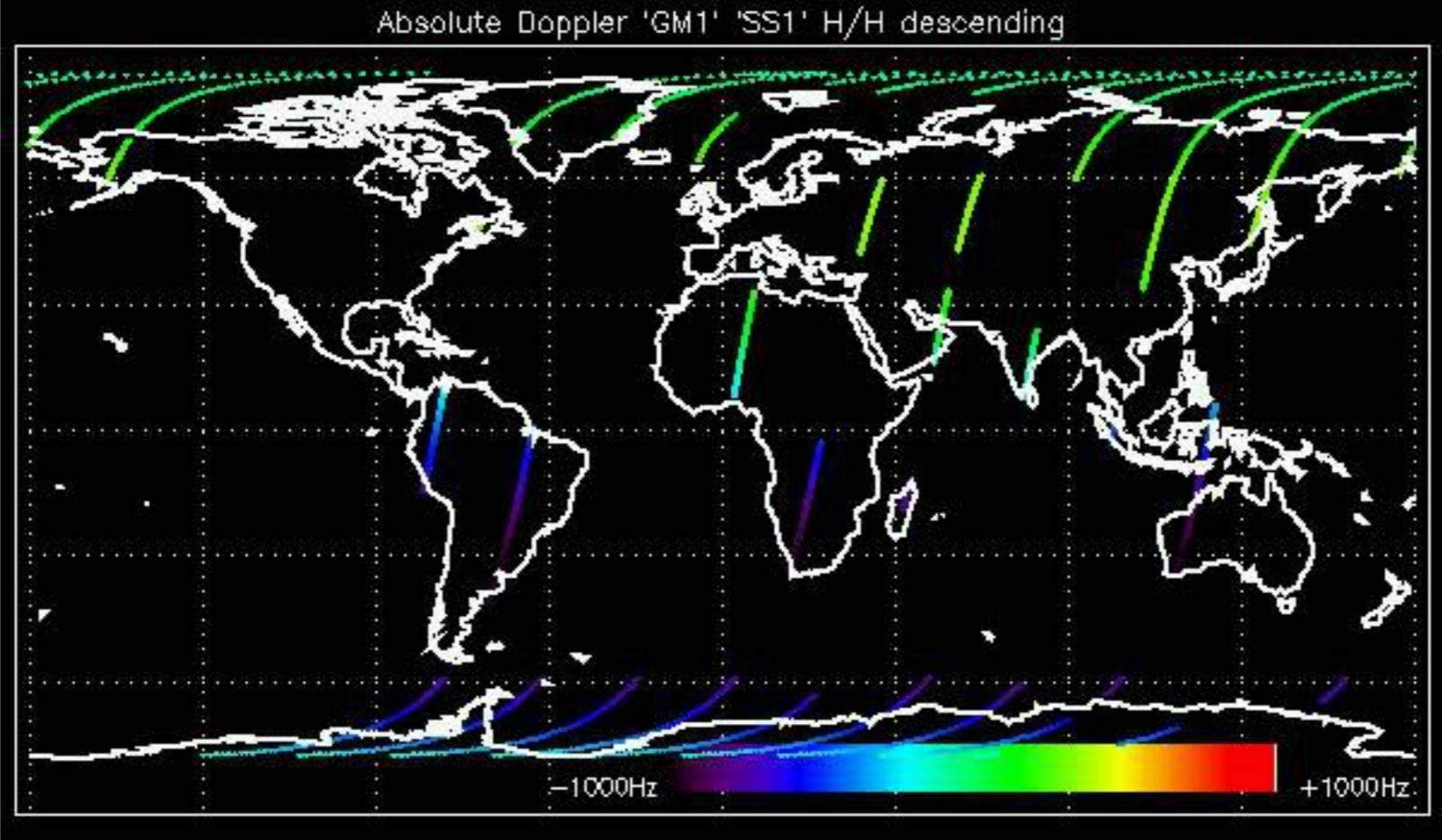


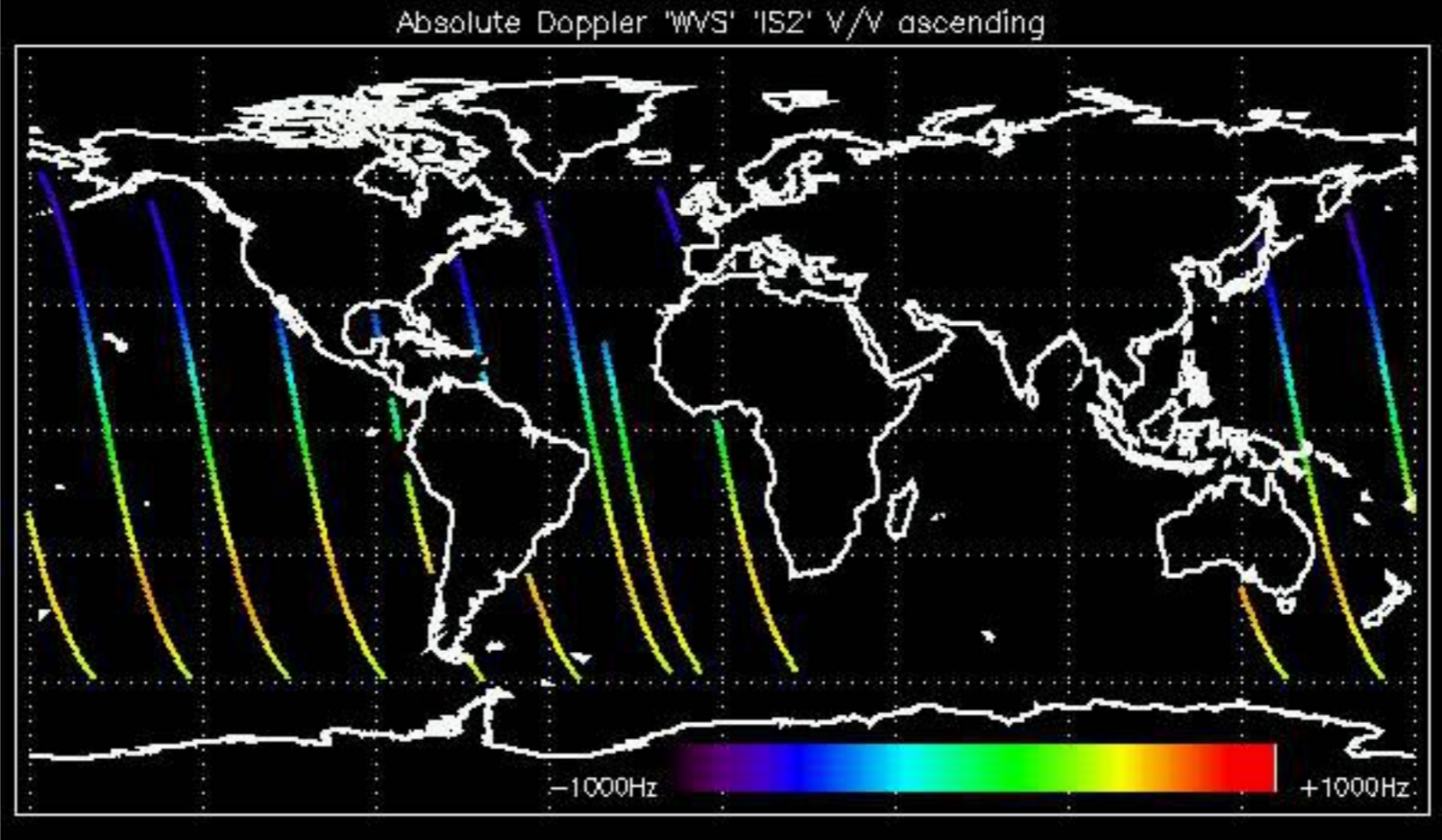
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20100416_004151_000005382088_00346_42484_4463.N1						SS1	H/H	88	42484	346	5.03
ASA_WSM_1PNPDE20100416_014443_000002812088_00346_42484_4462.N1						SS1	H/H	88	42484	346	5.03
ASA_WSM_1PNPDE20100416_022323_000004042088_00347_42485_4482.N1						SS1	H/H	88	42485	347	5.03
ASA_WSM_1PNPDE20100416_025135_000002752088_00347_42485_4479.N1						SS1	H/H	88	42485	347	5.03
ASA_WSM_1PNPDE20100416_032412_000002942088_00347_42485_4506.N1						SS1	H/H	88	42485	347	5.03
ASA_WSM_1PNPDE20100416_035719_000000982088_00348_42486_4508.N1						SS1	H/H	88	42486	348	5.03
ASA_WSM_1PNPDE20100416_042232_000004832088_00348_42486_4503.N1						SS1	H/H	88	42486	348	5.03
ASA_WSM_1PNPDE20100416_050312_000003062088_00348_42486_4513.N1						SS1	H/H	88	42486	348	5.03
ASA_WSM_1PNPDK20100416_055518_000003362088_00349_42487_5799.N1						SS1	H/H	88	42487	349	5.03
ASA_WSM_1PNPDE20100416_062346_000001162088_00349_42487_4526.N1						SS1	V/V	88	42487	349	5.03
ASA_WSM_1PNPDK20100416_064542_000002082088_00349_42487_5815.N1						SS1	H/H	88	42487	349	5.03
ASA_WSM_1PNPDK20100416_072841_000001162088_00350_42488_5818.N1						SS1	H/H	88	42488	350	5.03
ASA_WSM_1PNPDE20100416_073600_000003492088_00350_42488_4547.N1						SS1	H/H	88	42488	350	5.03
ASA_WSM_1PNPDE20100416_075115_000000982088_00350_42488_4548.N1						SS1	V/V	88	42488	350	5.03
ASA_WSM_1PNPDE20100416_075630_000001842088_00350_42488_4550.N1						SS1	V/V	88	42488	350	5.03
ASA_WSM_1PNPDK20100416_082640_000002262088_00350_42488_5837.N1						SS1	H/H	88	42488	350	5.03
ASA_WSM_1PNPDE20100416_091632_000004282088_00351_42489_4577.N1						SS1	H/H	88	42489	351	5.03
ASA_WSM_1PNPDE20100416_100628_000002812088_00351_42489_4603.N1						SS1	H/H	88	42489	351	5.03
ASA_WSM_1PNPDE20100416_105015_000001282088_00352_42490_4604.N1						SS1	H/H	88	42490	352	5.03
ASA_WSM_1PNPDK20100416_105619_000001282088_00352_42490_5861.N1						SS1	H/H	88	42490	352	5.03
ASA_WSM_1PNPDK20100416_114802_000002082088_00352_42490_5883.N1						SS1	H/H	88	42490	352	5.03
ASA_WSM_1PNPDK20100416_122835_000002452088_00353_42491_5887.N1						SS1	H/H	88	42491	353	5.03
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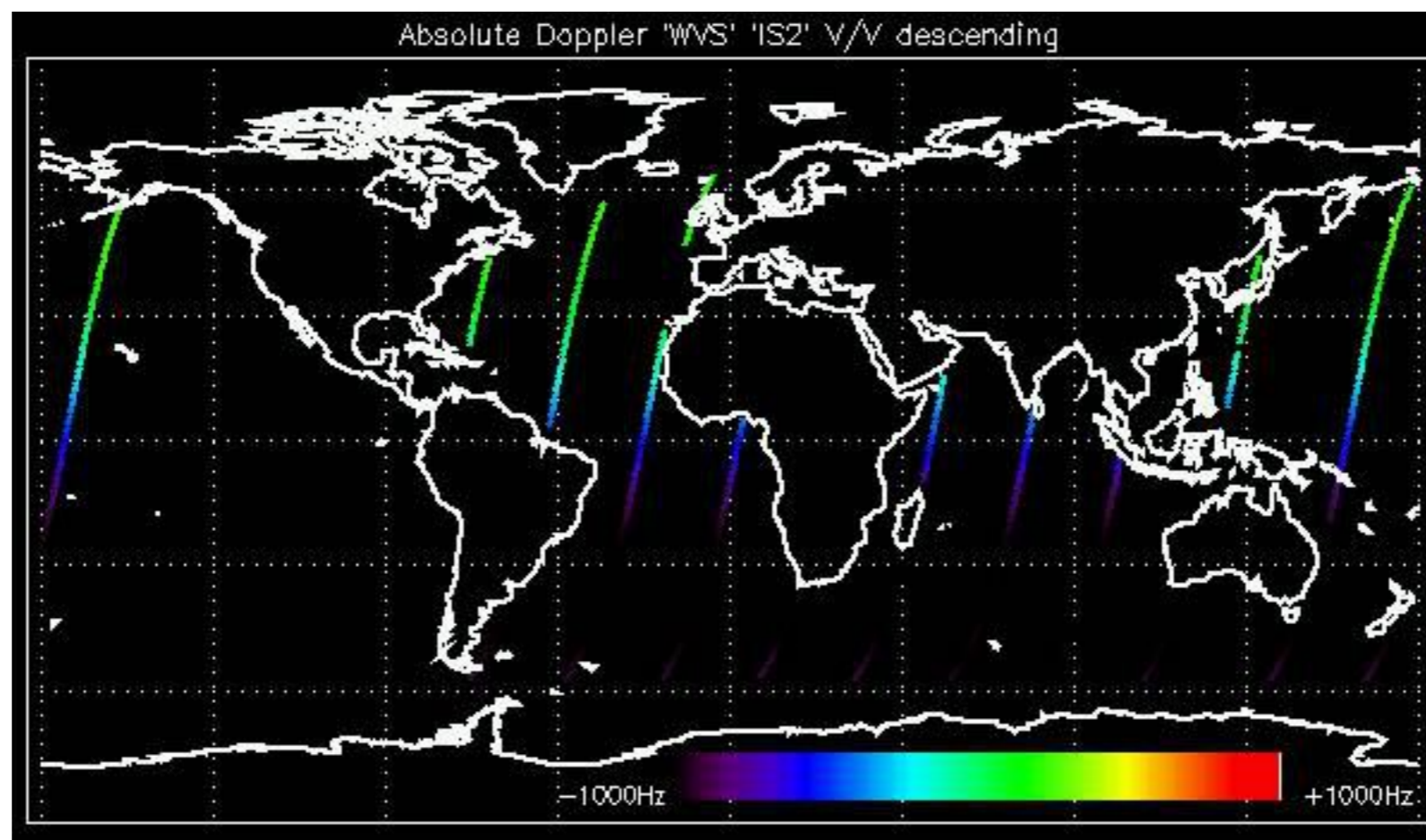
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ASA_WVS_1PNPDE20100416_030609_000003152088_00347_42485_4497.N1						IS2	V/V	88	42485	347	5.03
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ASA_WVS_1PNPDE20100416_210707_000019642088_00358_42496_4647.N1						IS2	V/V	88	42496	358	5.03
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ASA_WVS_1PNPDE20100416_233743_000003142088_00359_42497_4667.N1						IS2	V/V	88	42497	359	5.03
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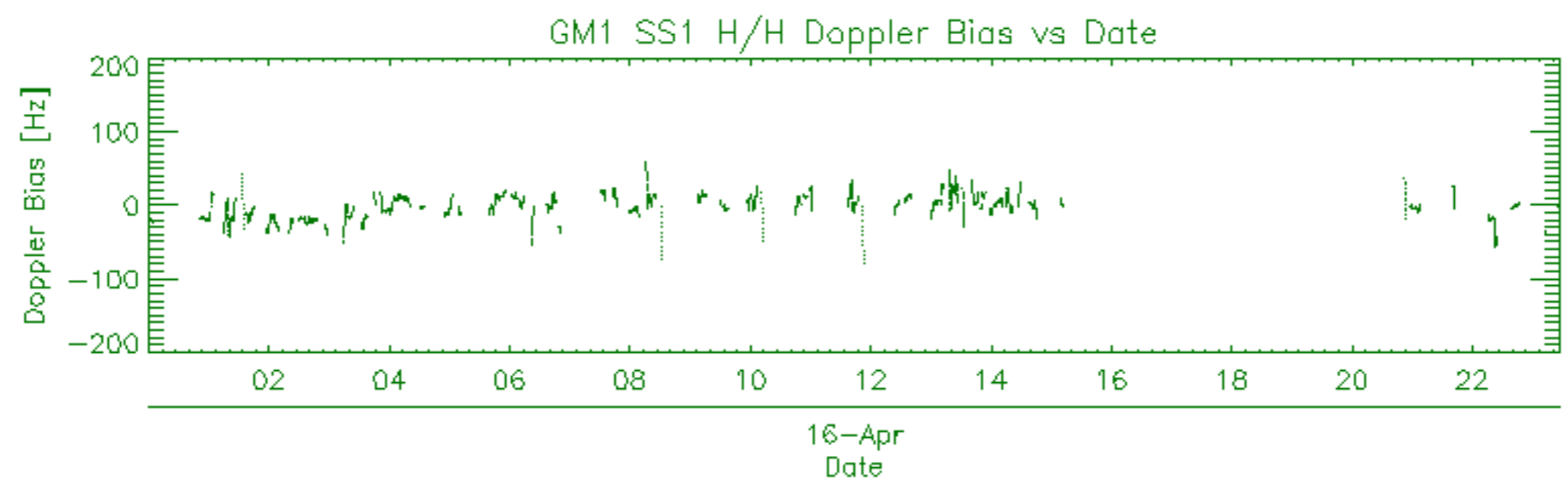
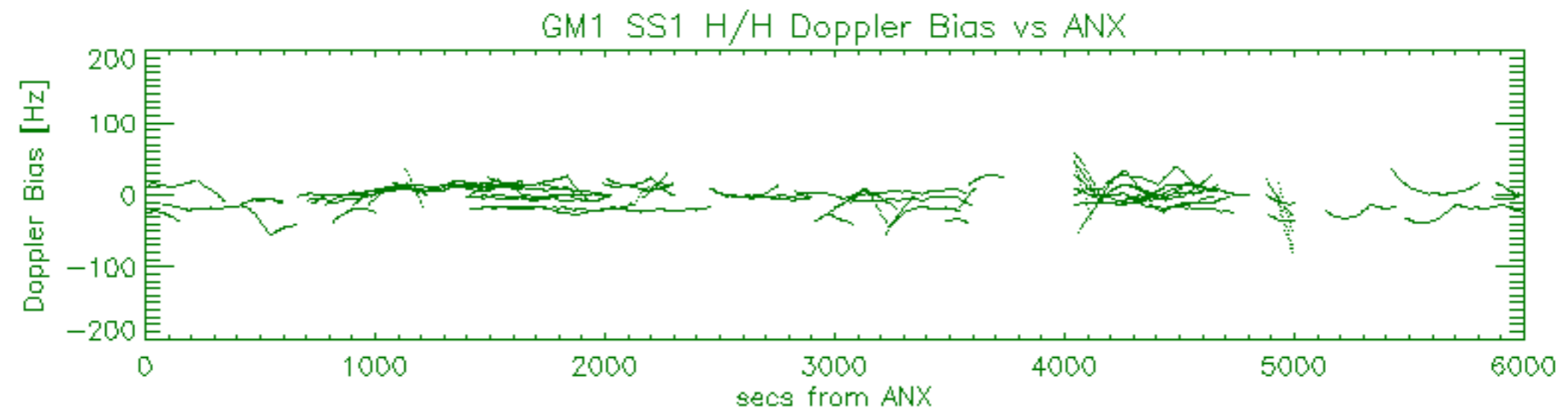
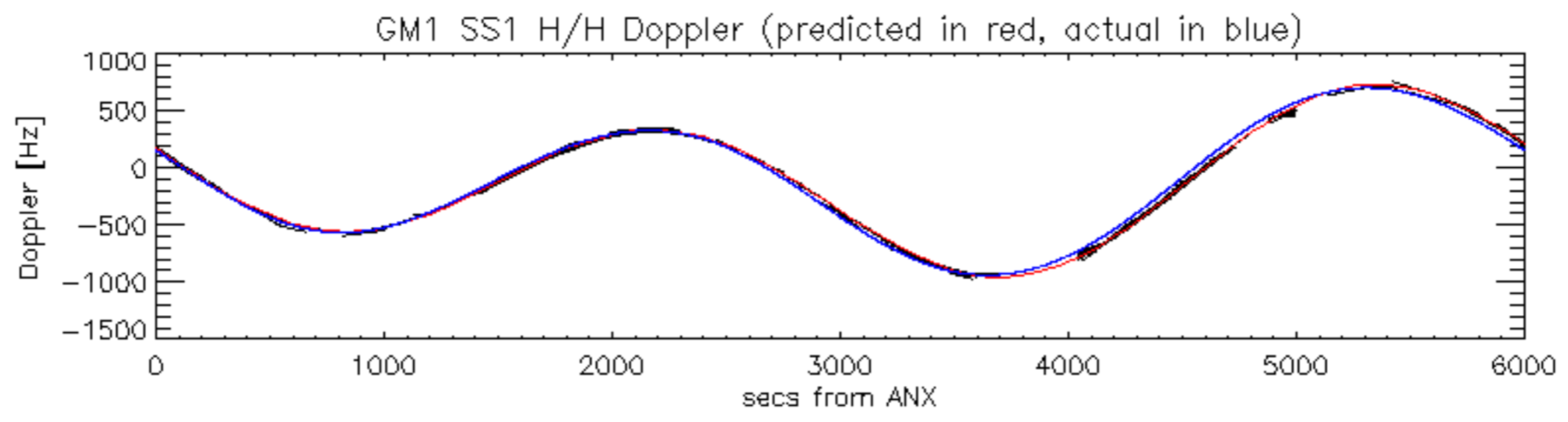


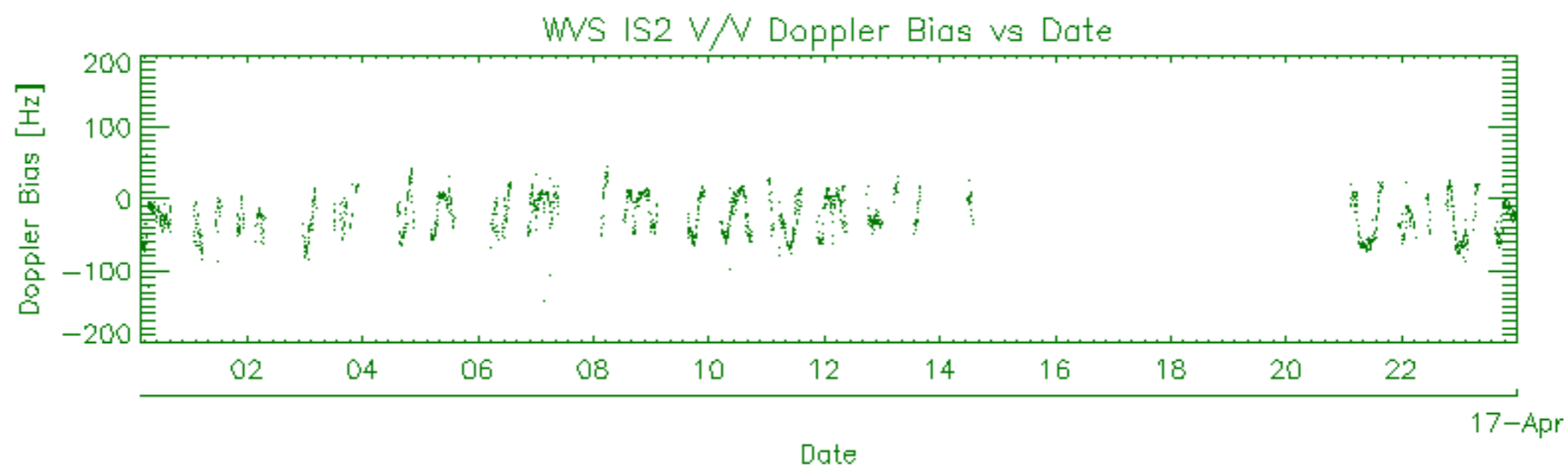
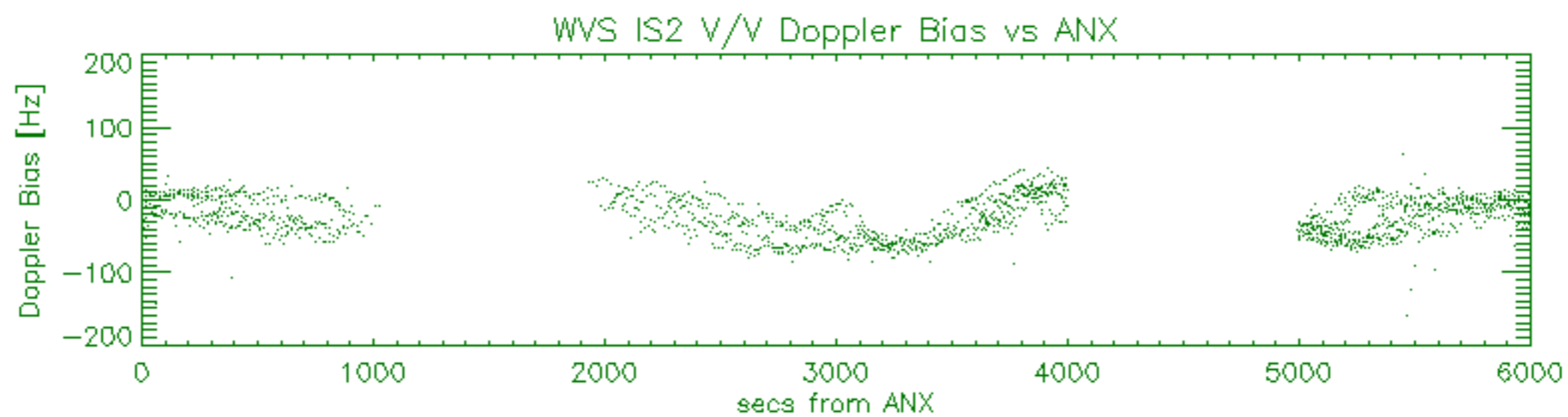
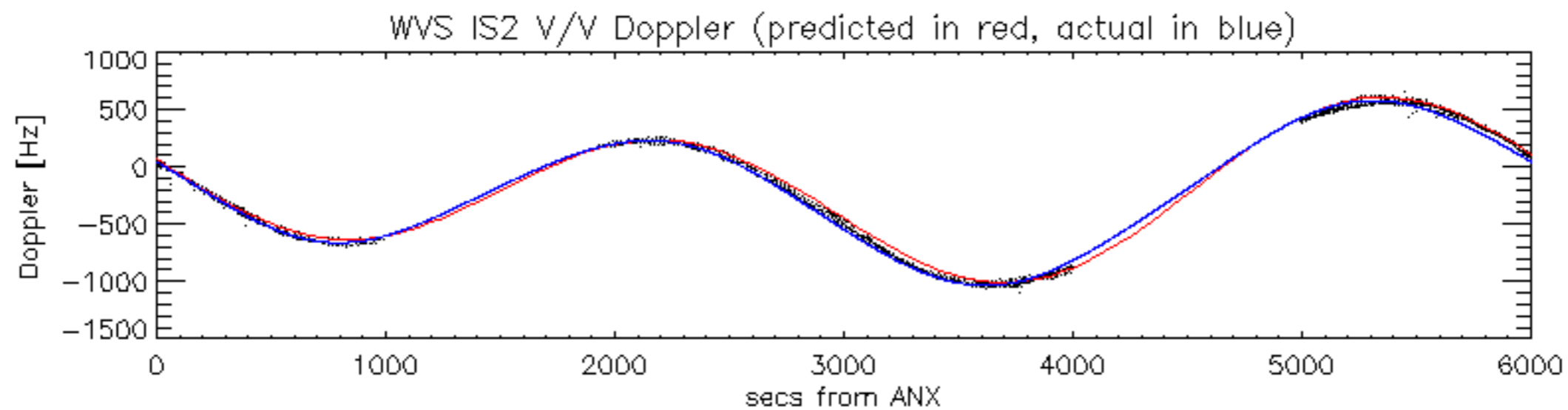


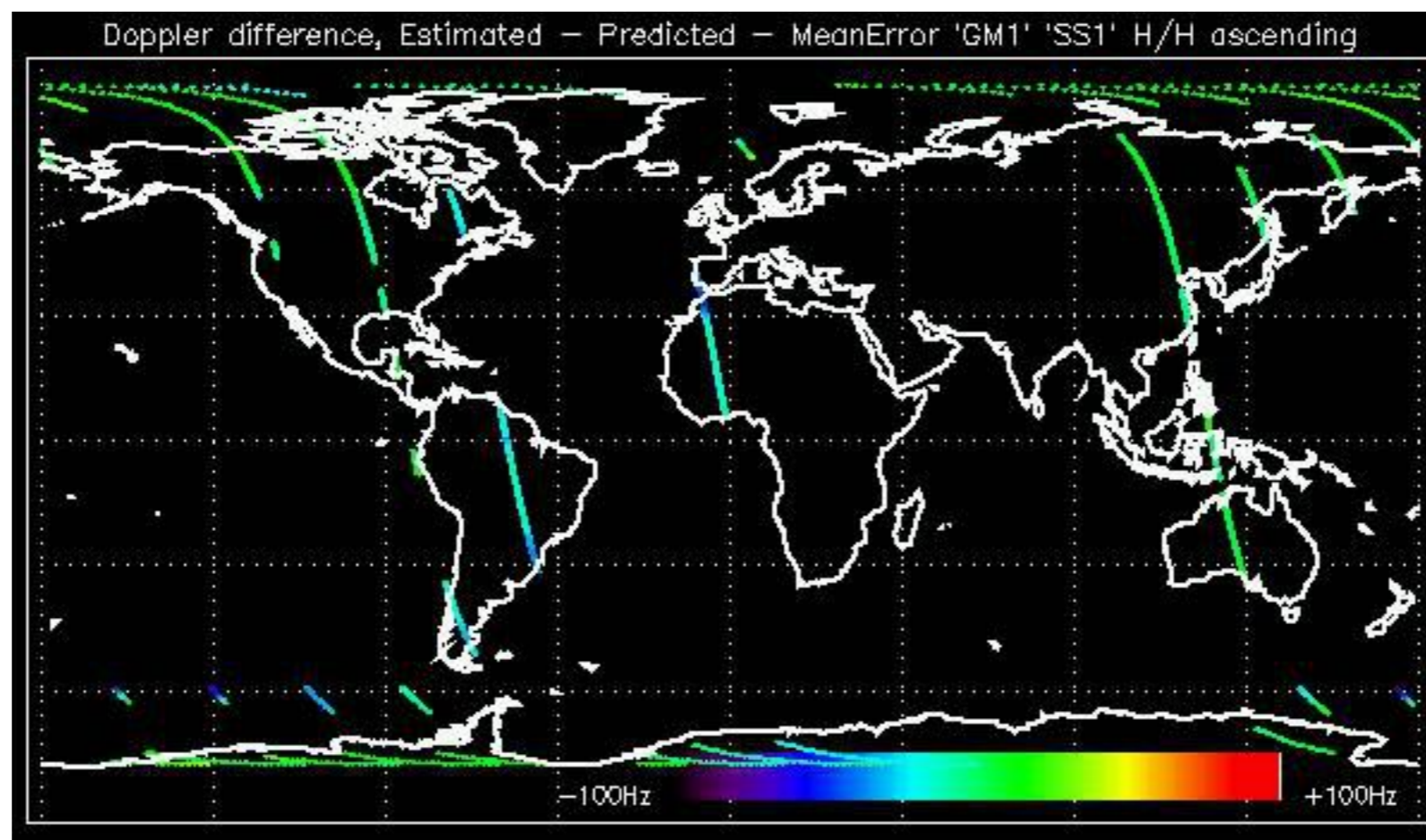


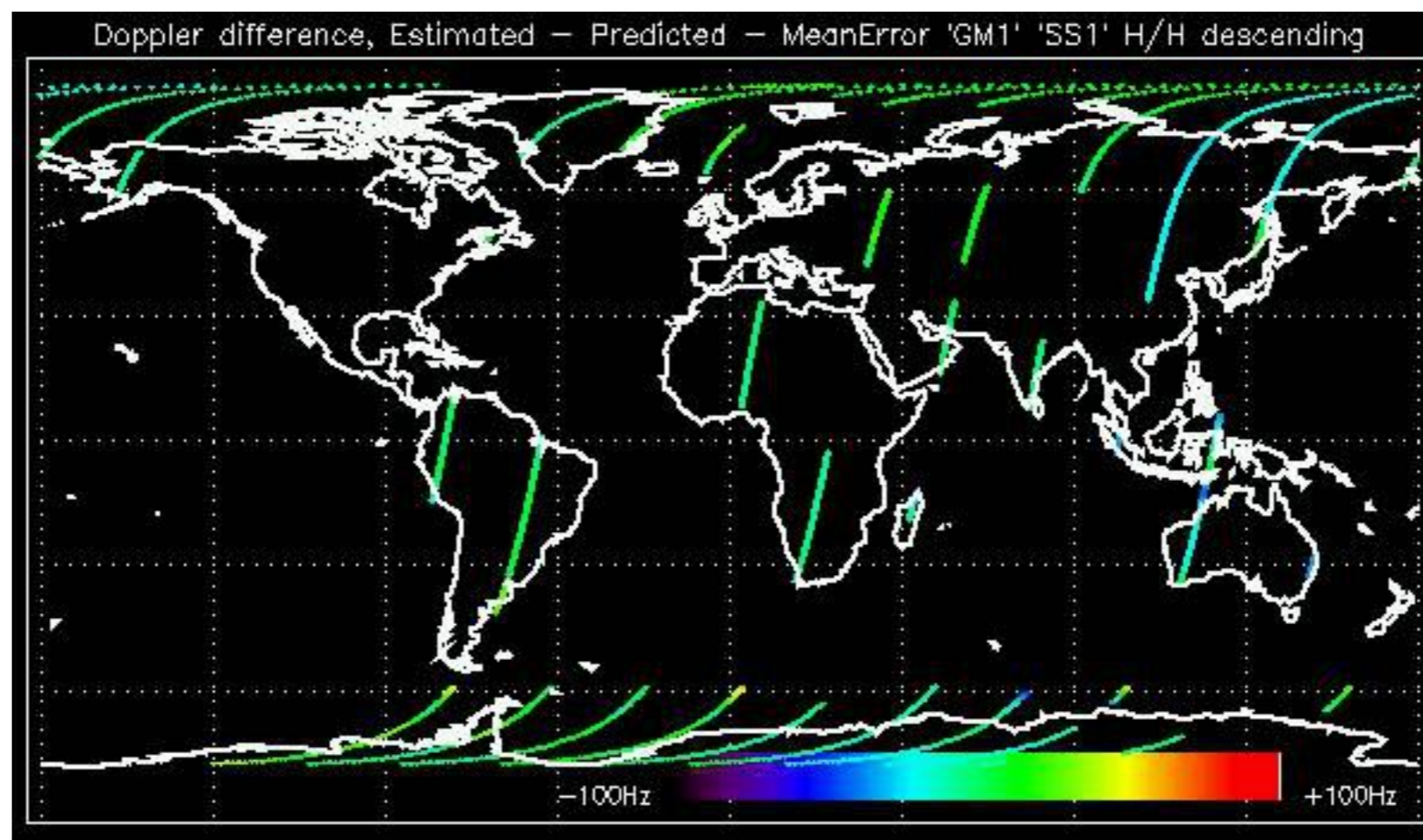


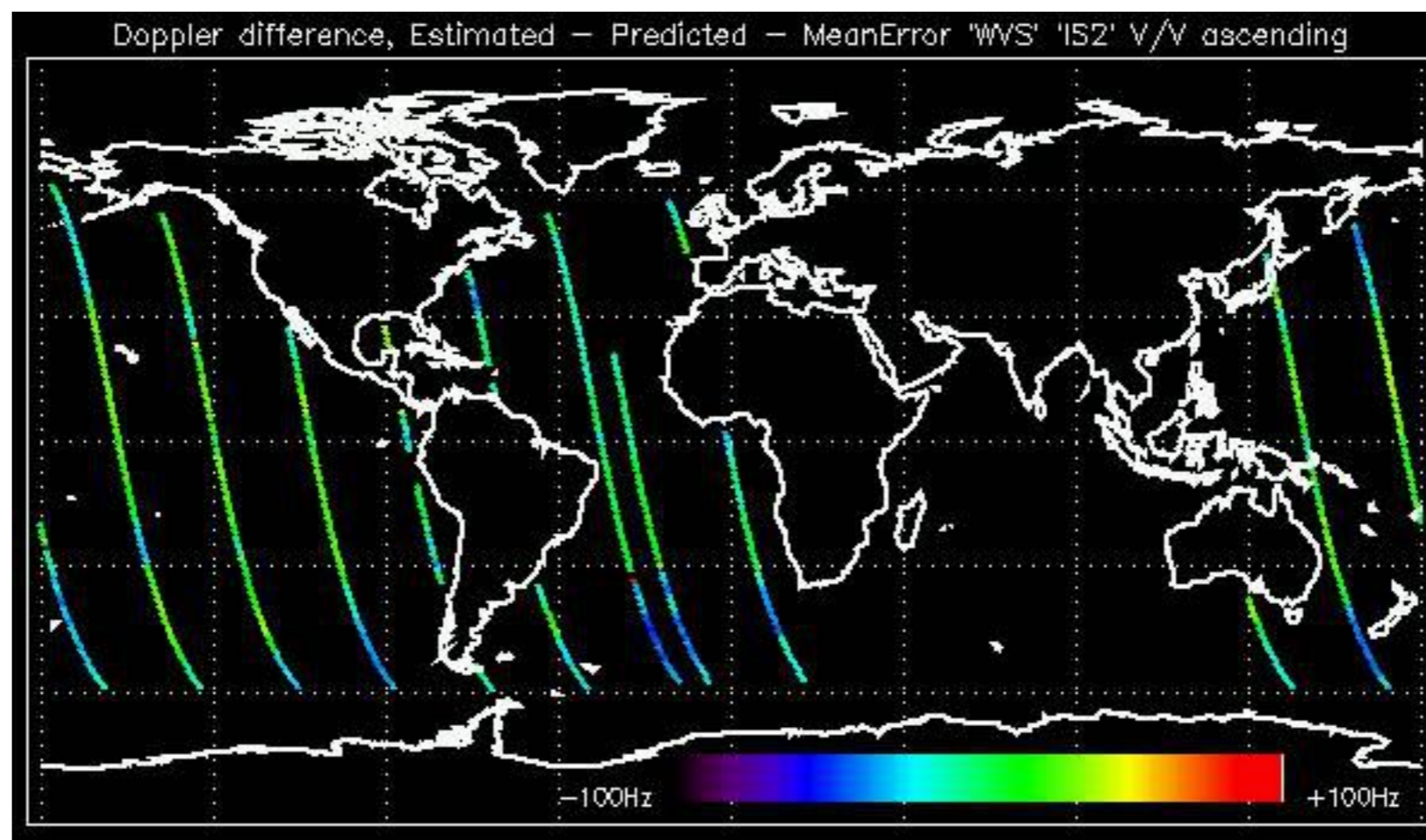




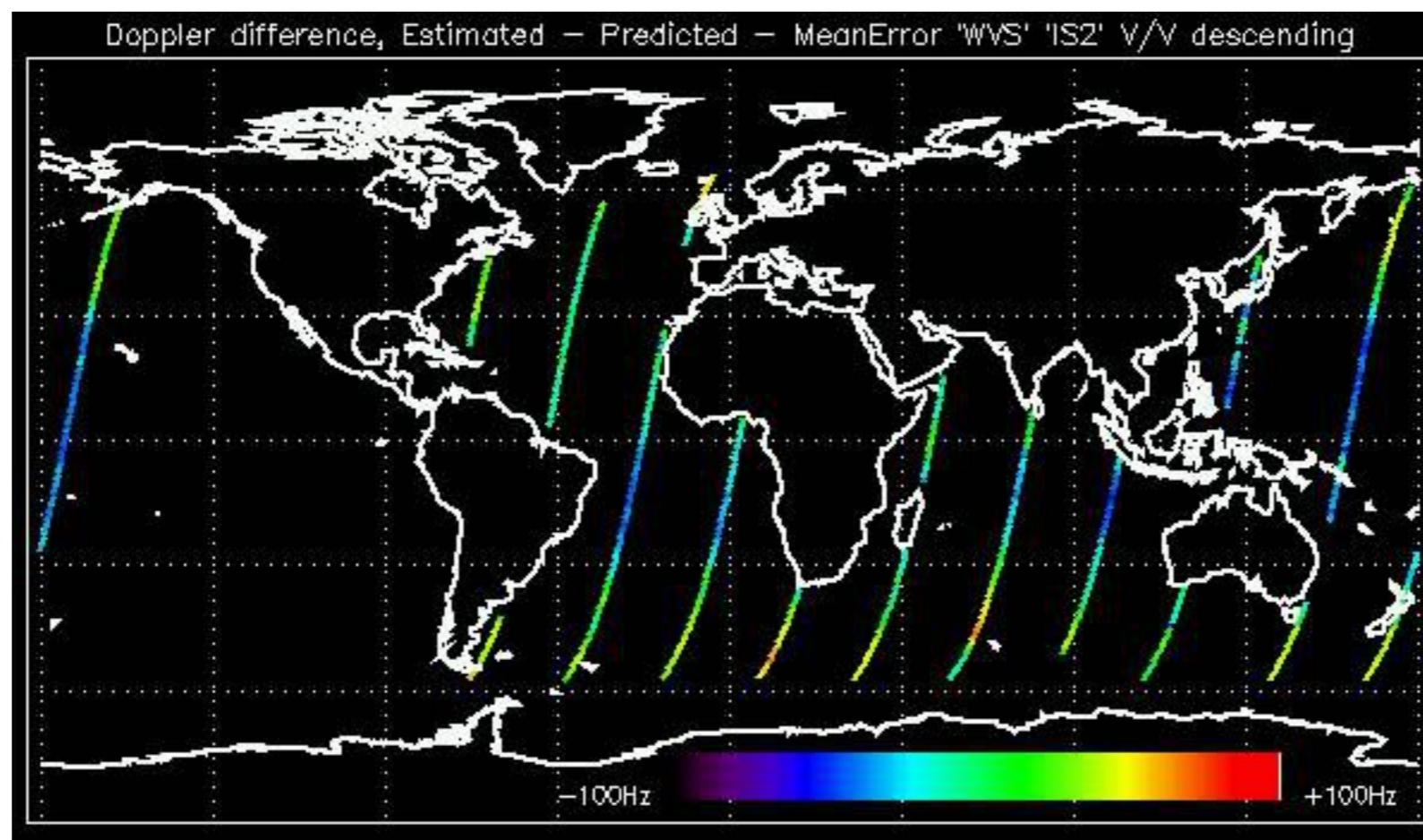


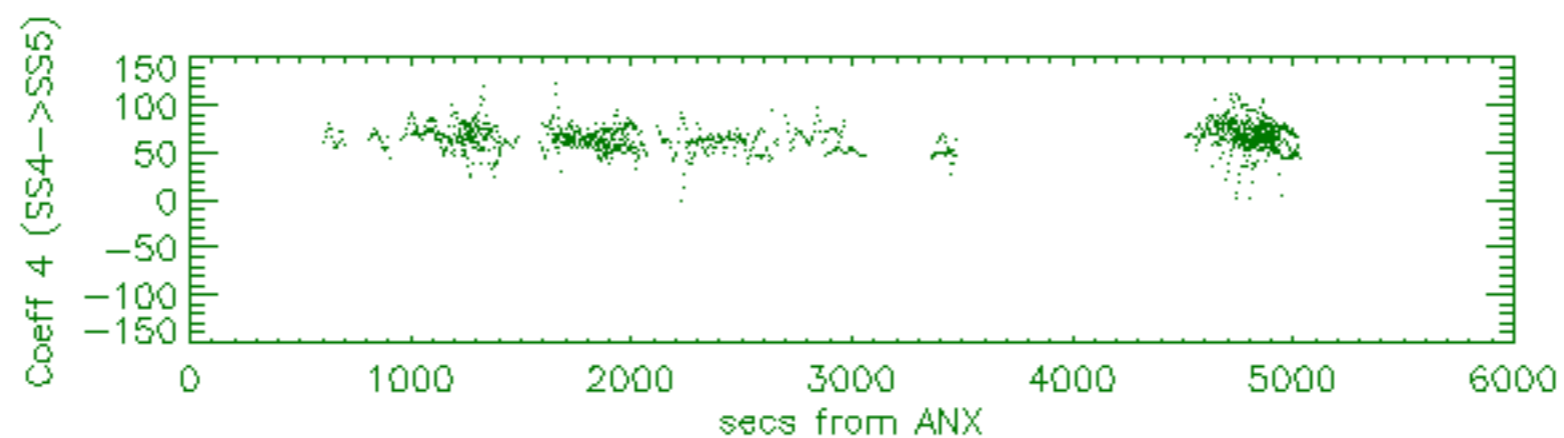
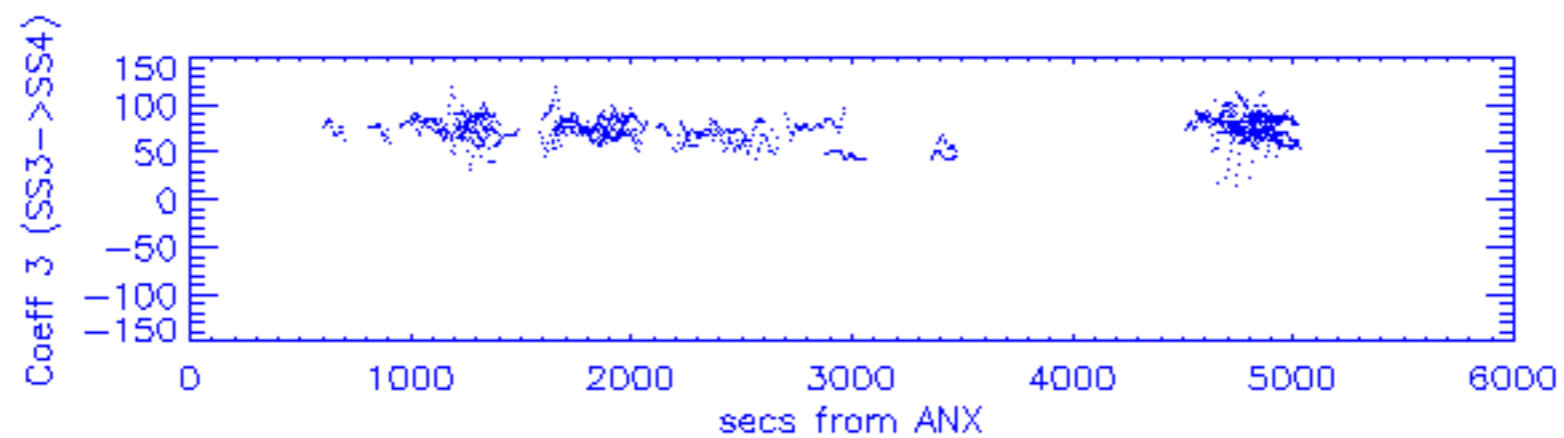
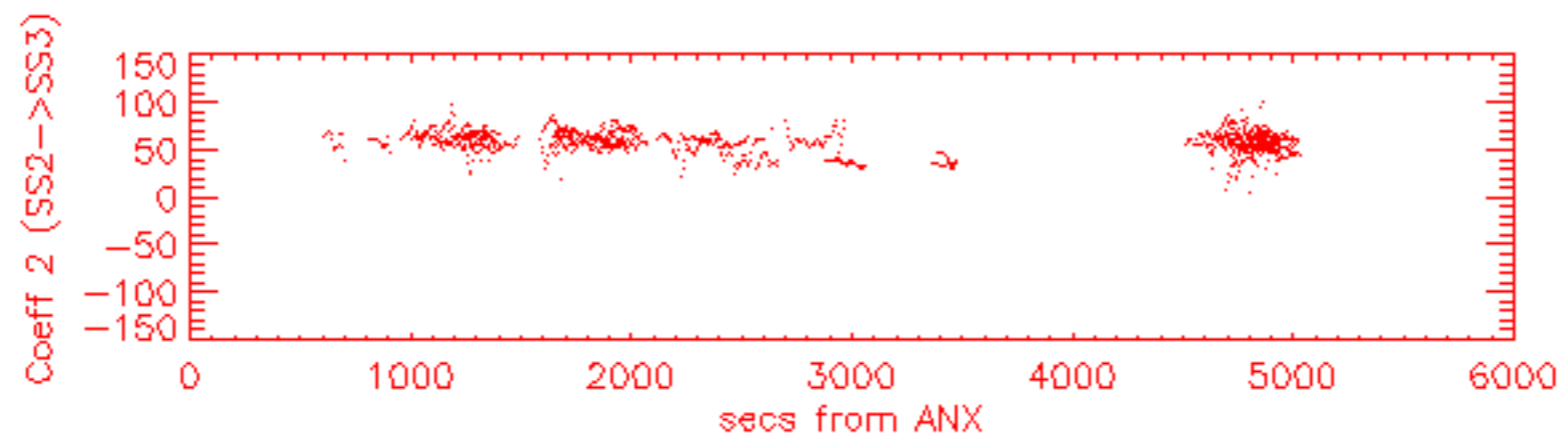
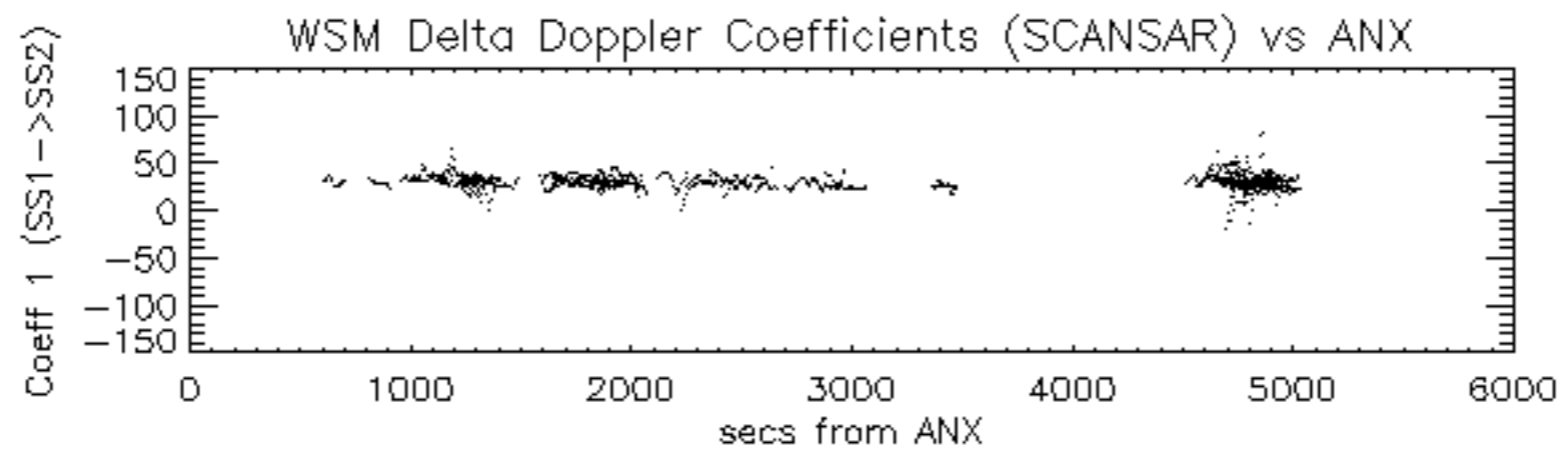


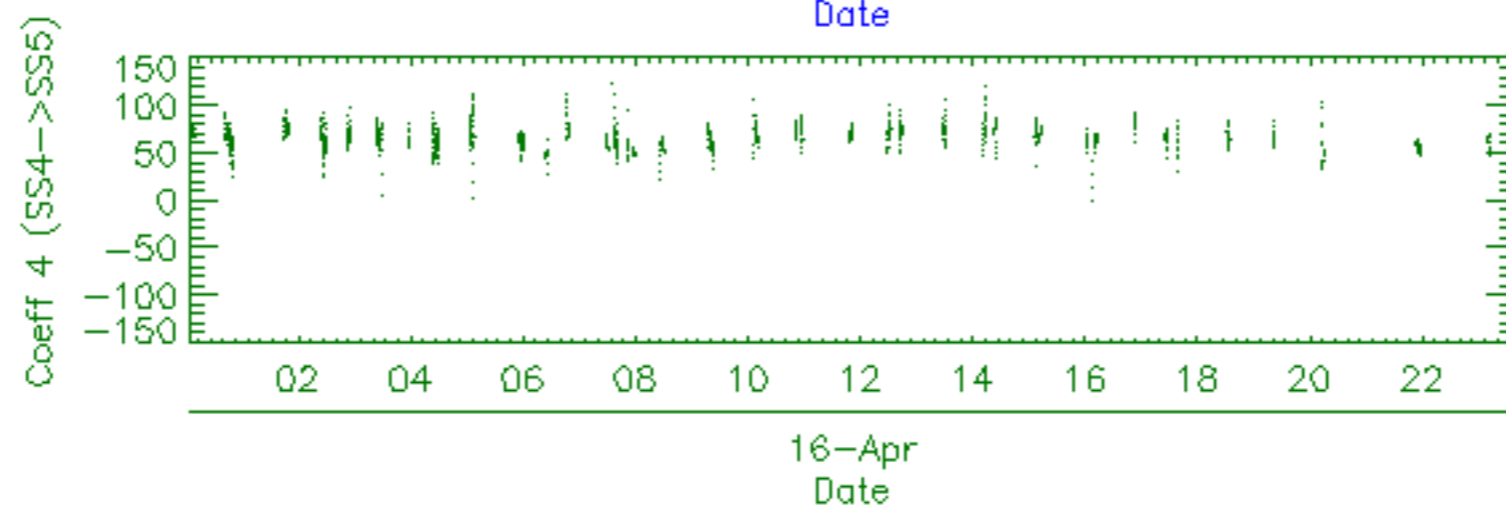
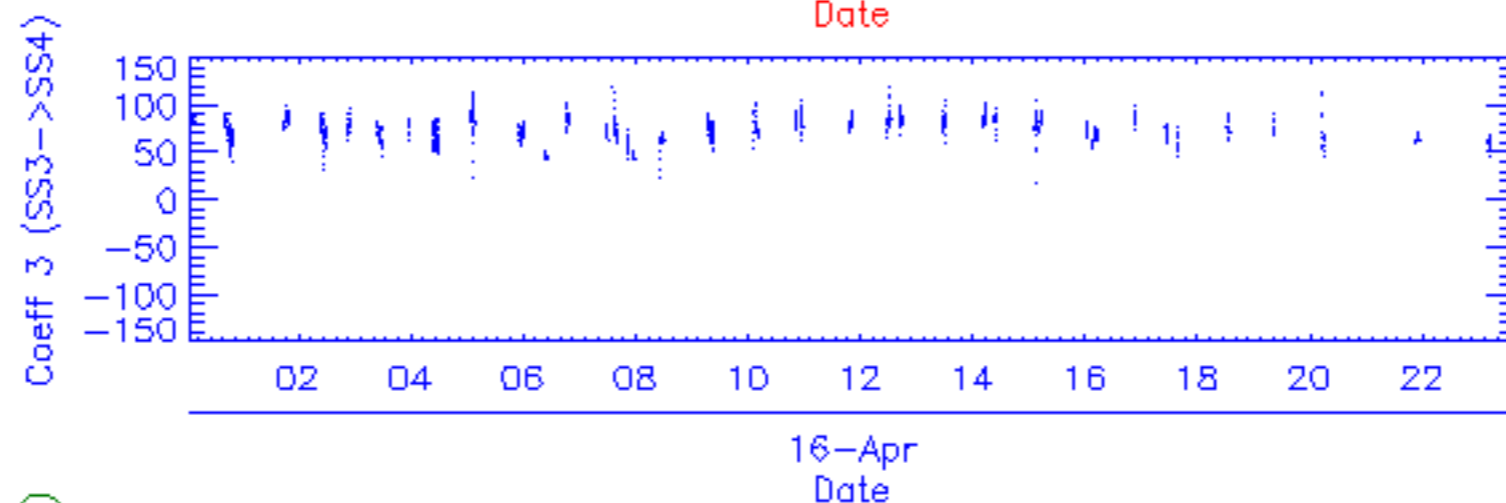
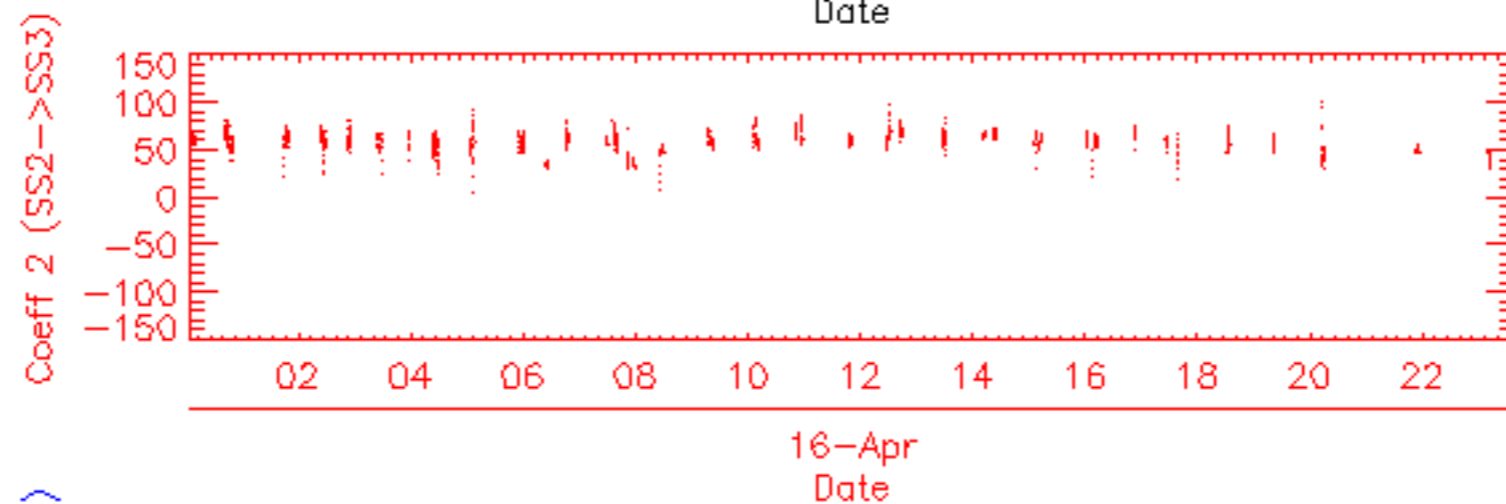
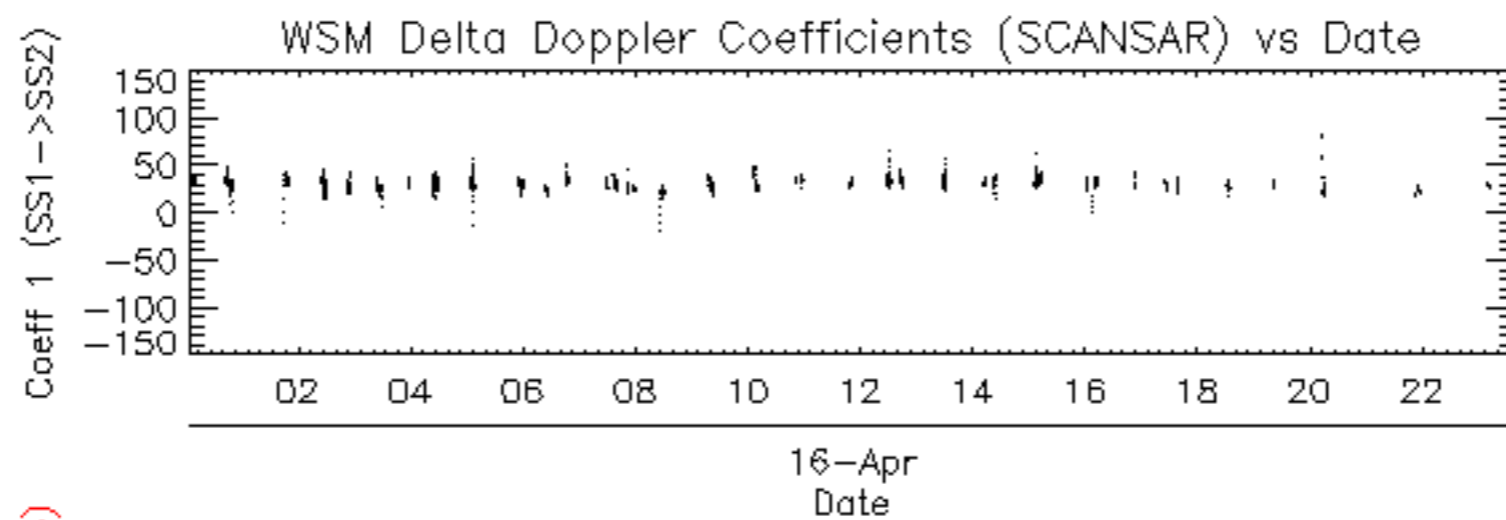




















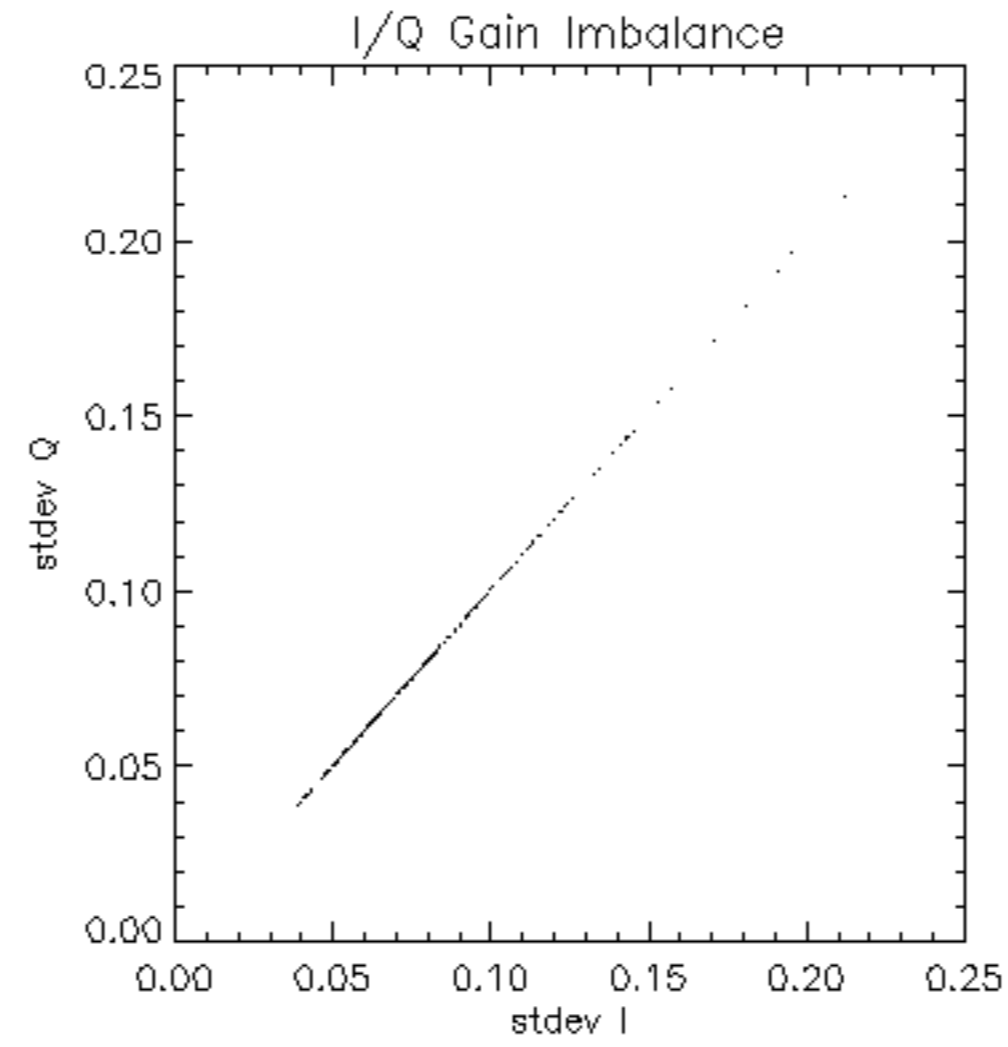


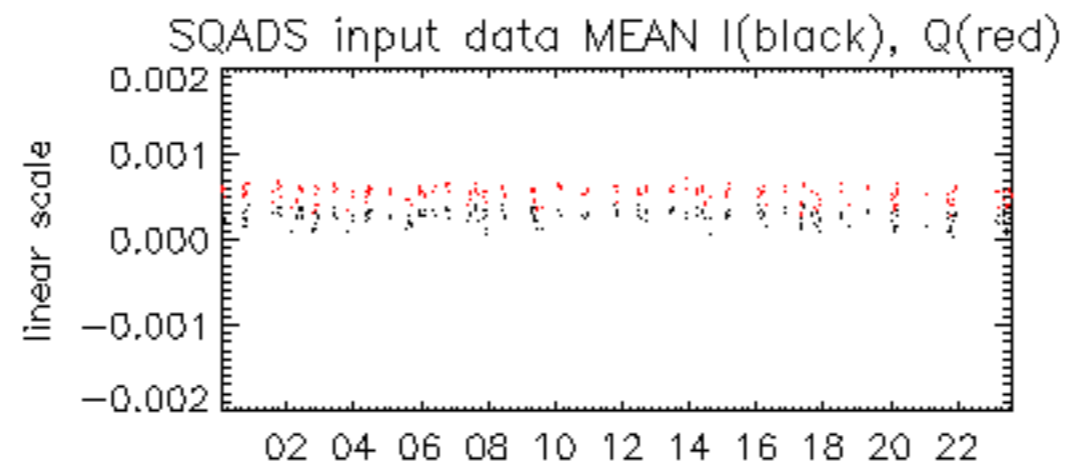




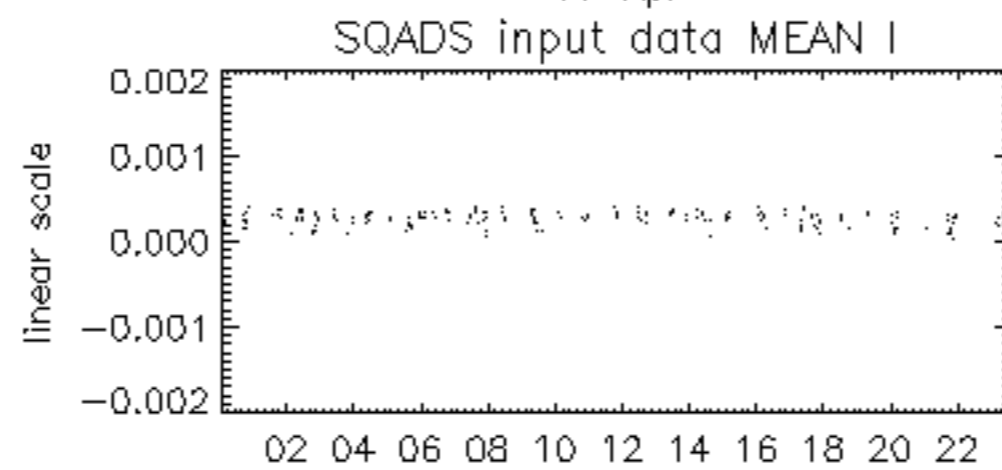




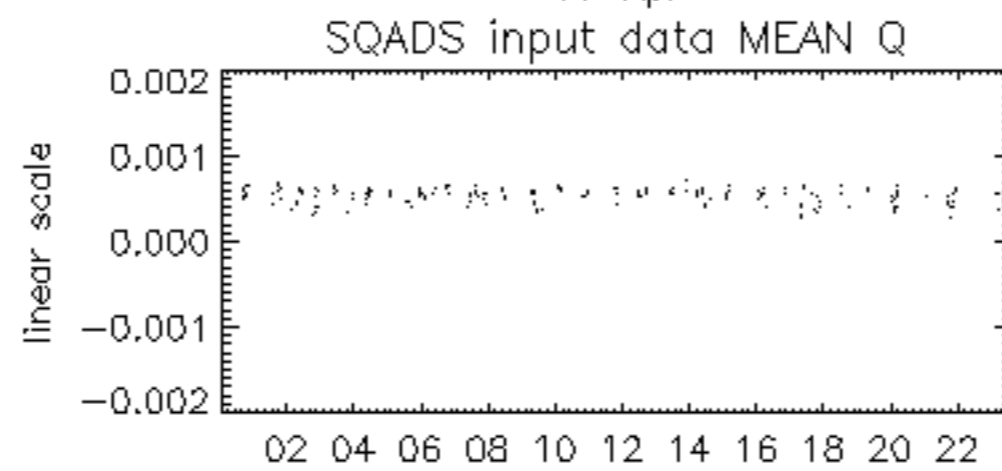




16-Apr



16-Apr



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