



Analysis from 09-OCT-2011 00:00:00 to 09-OCT-2011 23:59:59. Page generated on 10-OCT-2011 06:32:34.
View log file: ASAR_Daily_Report_20111010_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.com.

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

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	IS2	V/V	16	PDE	WS	H/H	26	PDE	IS1	V/H	1	PDE	IS6	H/H	2	PDE	WS	H/H	14	PDK	2011-10-09 12:46:17	H	320
PDK	IS2	V/V	23	PDK	WS	H/H	53	PDE	IS2	H/H	2	PDK	IS6	H/H	1	PDK	WS	H/H	11	PDK	2011-10-09 14:26:31	V	320
								PDE	IS4	V/H	1	PDK	IS6	V/V	1	PDK	WS	V/V	3				
								PDE	IS5	H/H	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_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

2.2 - Products with wrong ADFs

[[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](#)
 [TXT] [XLS] [Check_ADFs_WSM](#)

3 - MODULE STEPPING PRODUCTS ANALYSIS

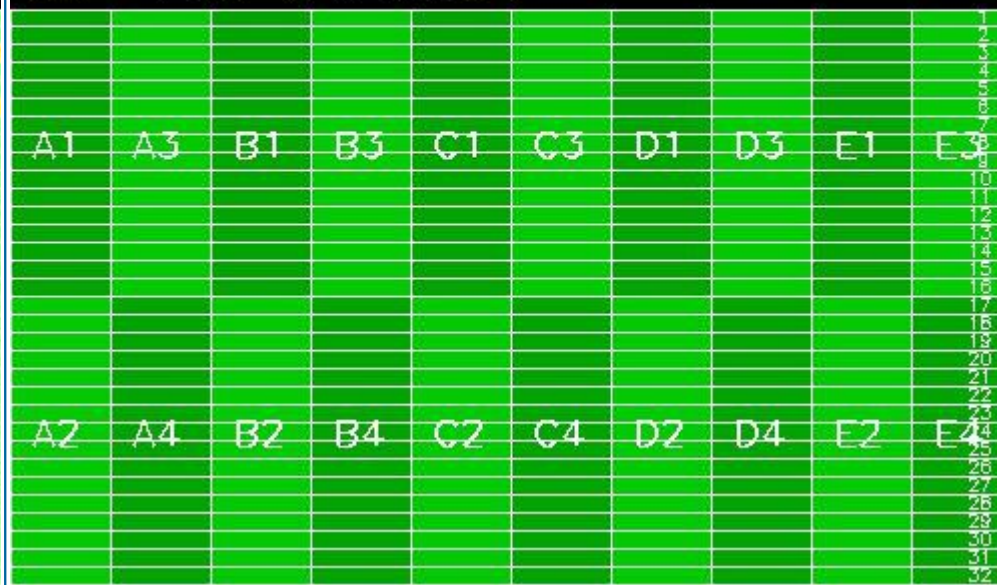
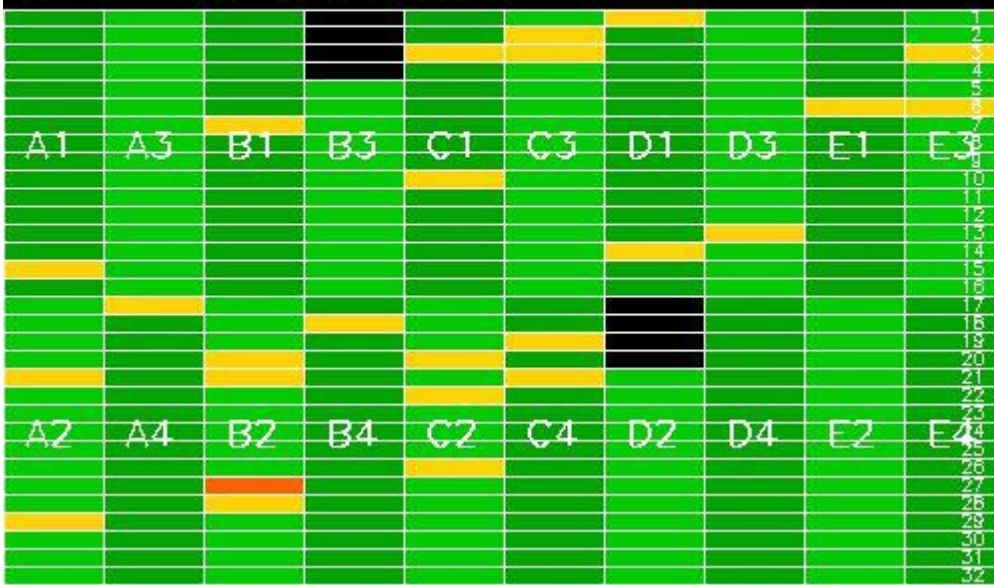
SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
------------------------	----------------------------

Pre-launch reference (2001-02-09)

Previous product in the same polarisation

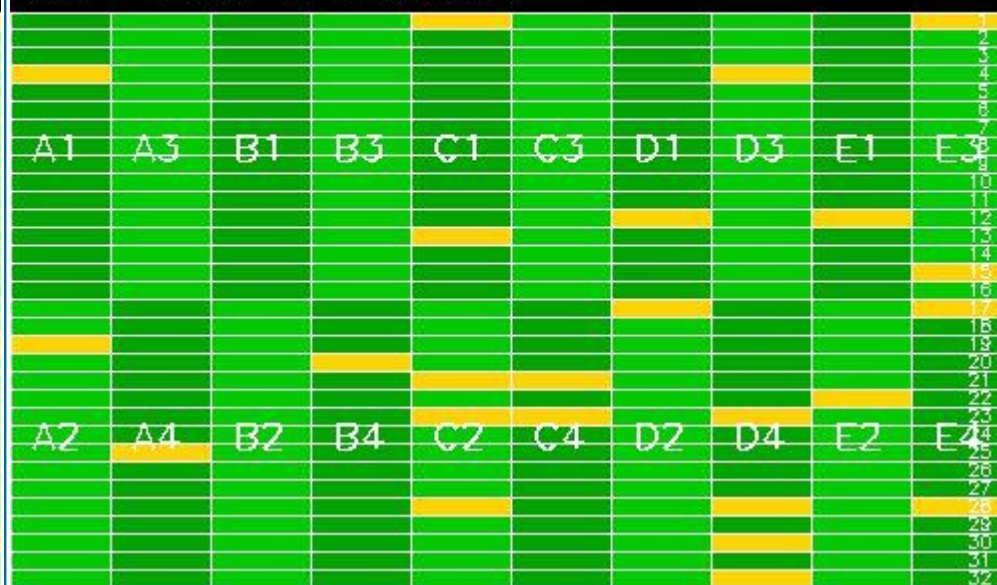
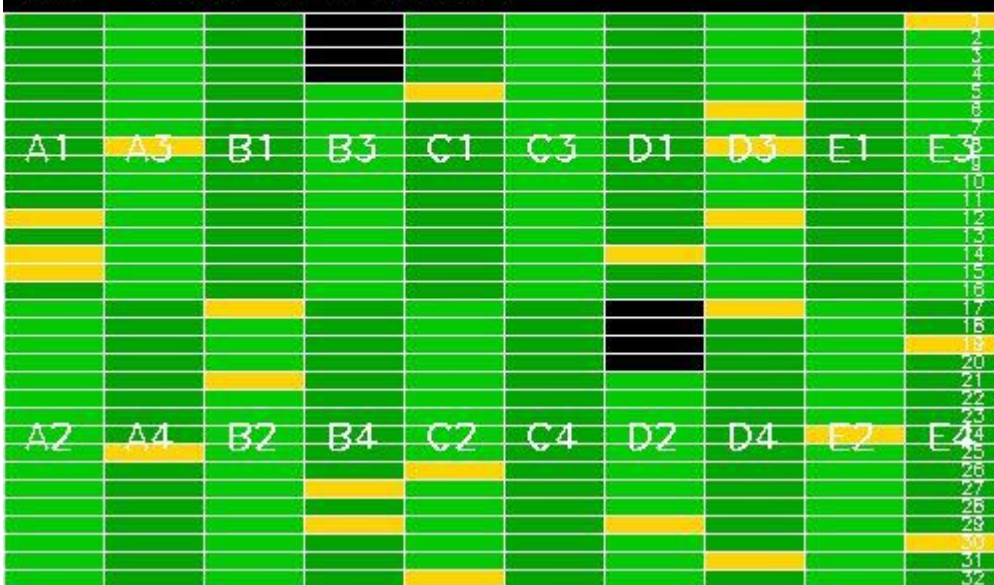
Reference: 2001-02-09 14:08:23 V RxGain
 Test : 2011-10-09 14:26:31 V

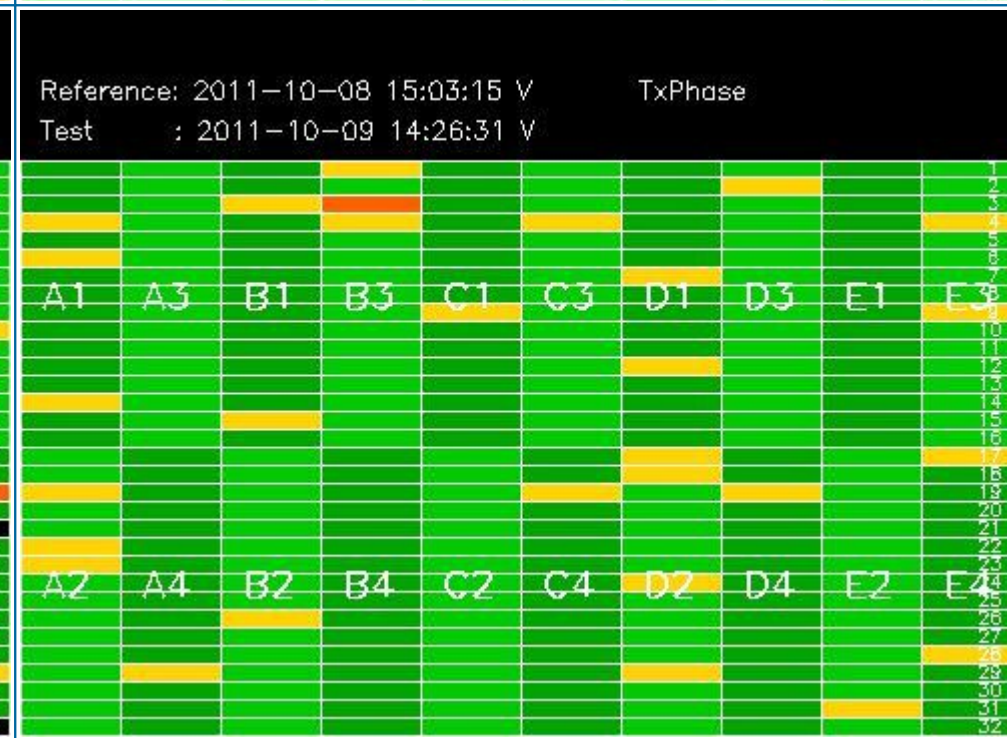
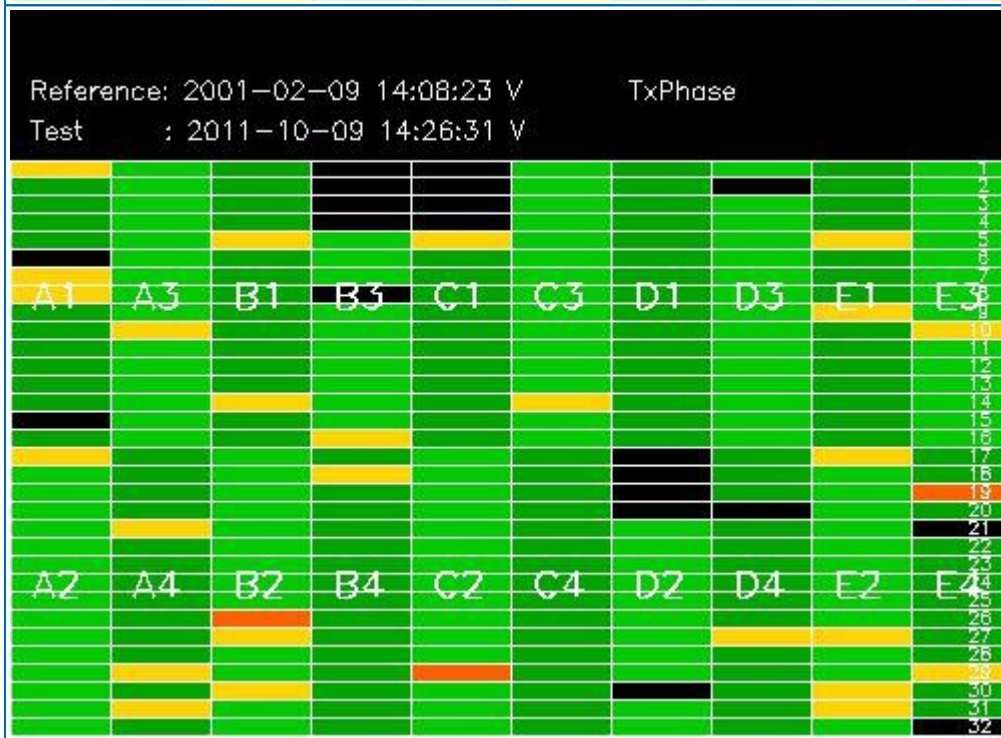
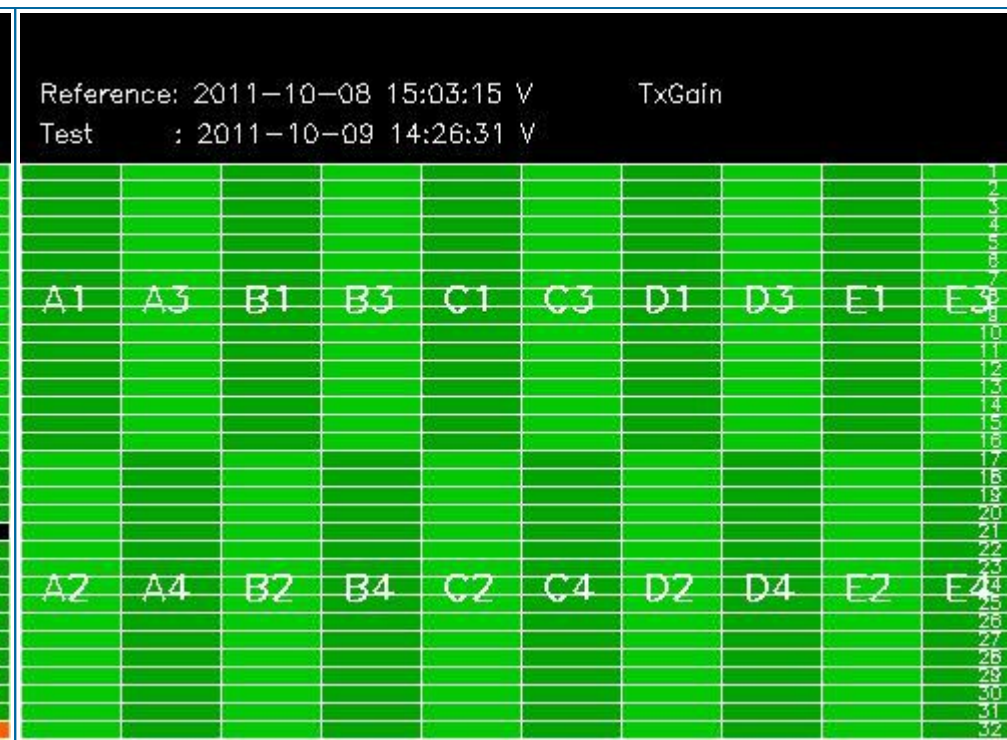
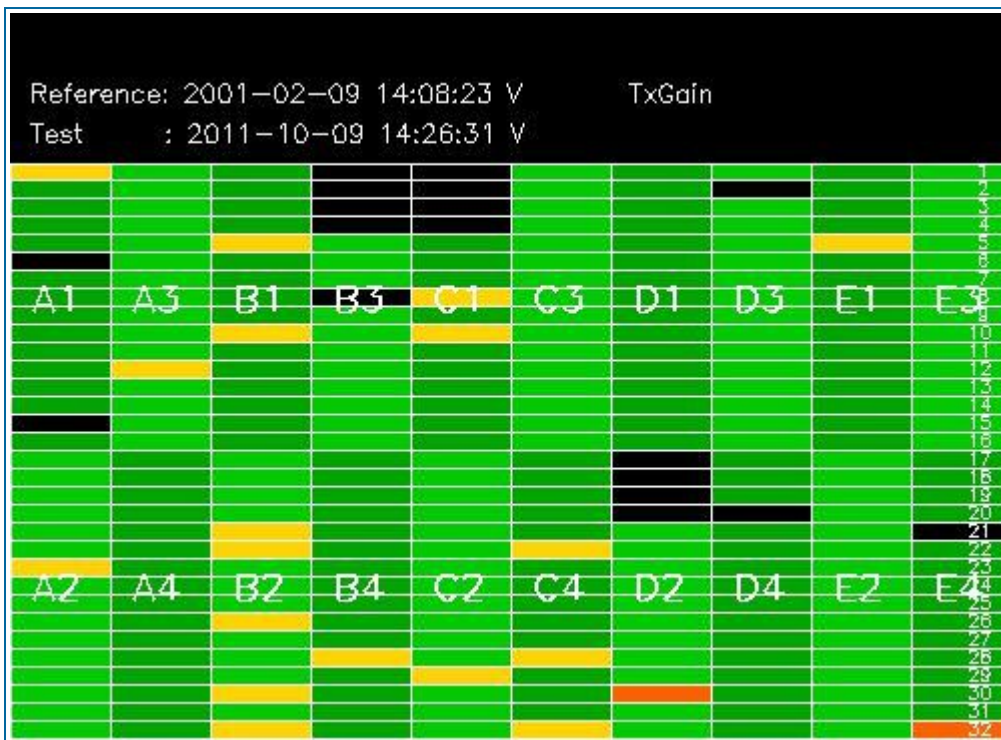
Reference: 2011-10-08 15:03:15 V RxGain
 Test : 2011-10-09 14:26:31 V



Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2011-10-09 14:26:31 V

Reference: 2011-10-08 15:03:15 V RxPhase
 Test : 2011-10-09 14:26:31 V





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

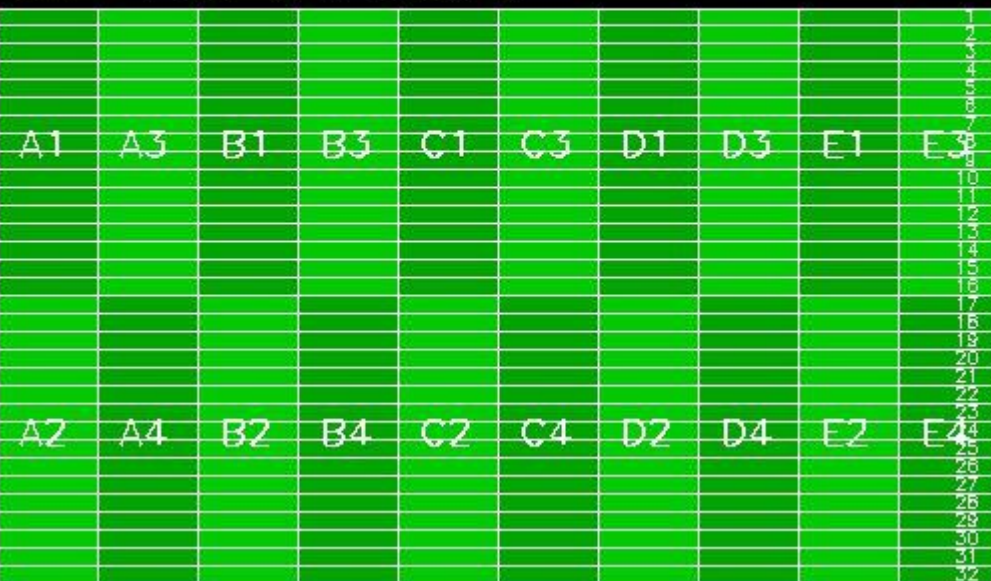
Reference: 2001-02-09 13:50:42 H RxGain

Test : 2011-10-09 12:46:17 H



Reference: 2011-10-08 13:23:01 H RxGain

Test : 2011-10-09 12:46:17 H



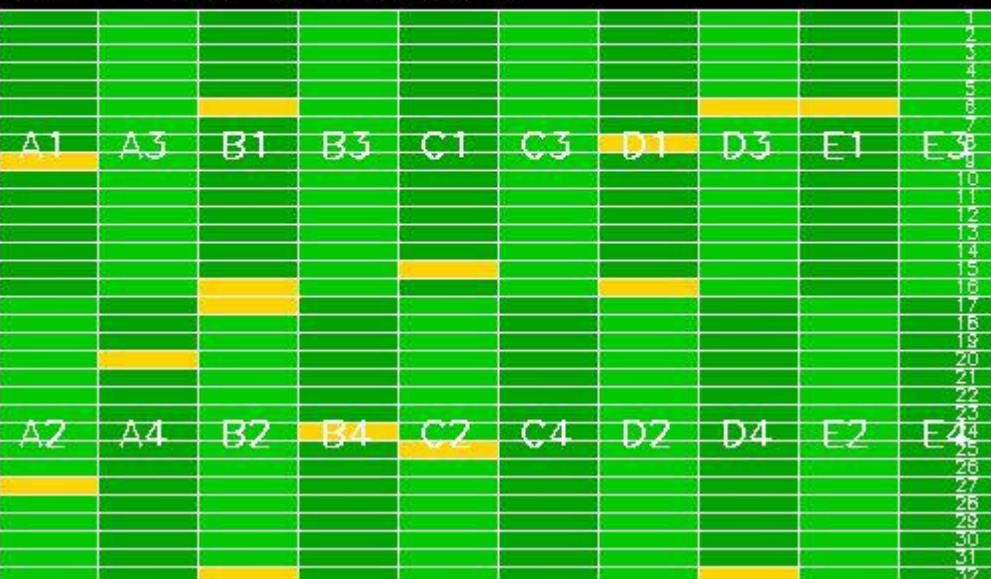
Reference: 2001-02-09 13:50:42 H RxPhase

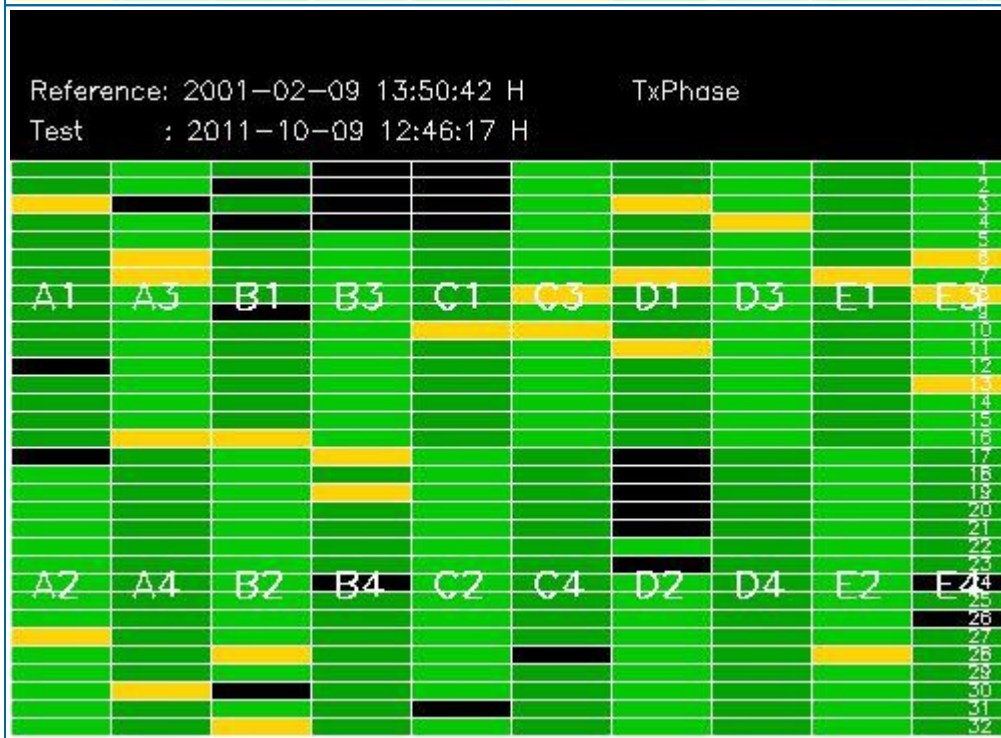
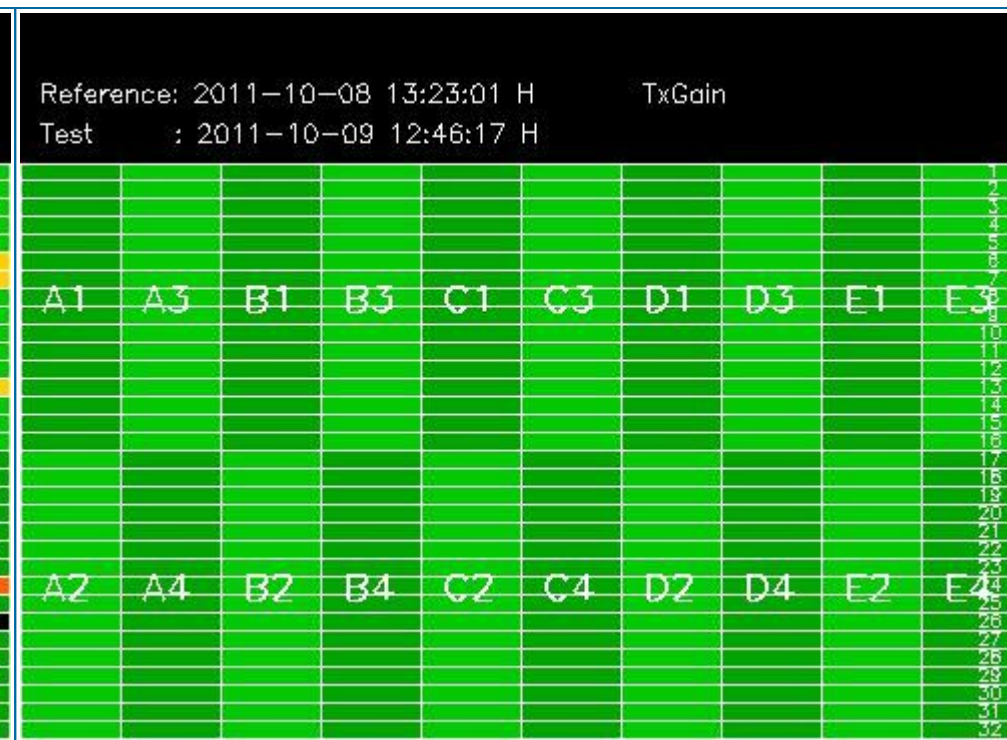
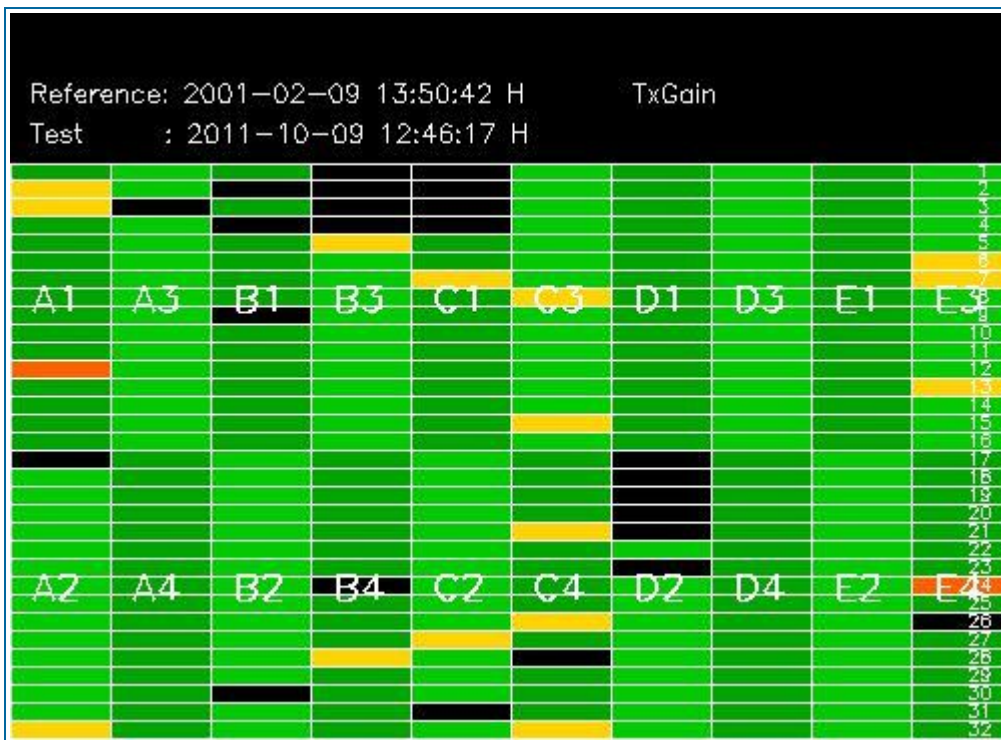
Test : 2011-10-09 12:46:17 H



Reference: 2011-10-08 13:23:01 H RxPhase

Test : 2011-10-09 12:46:17 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

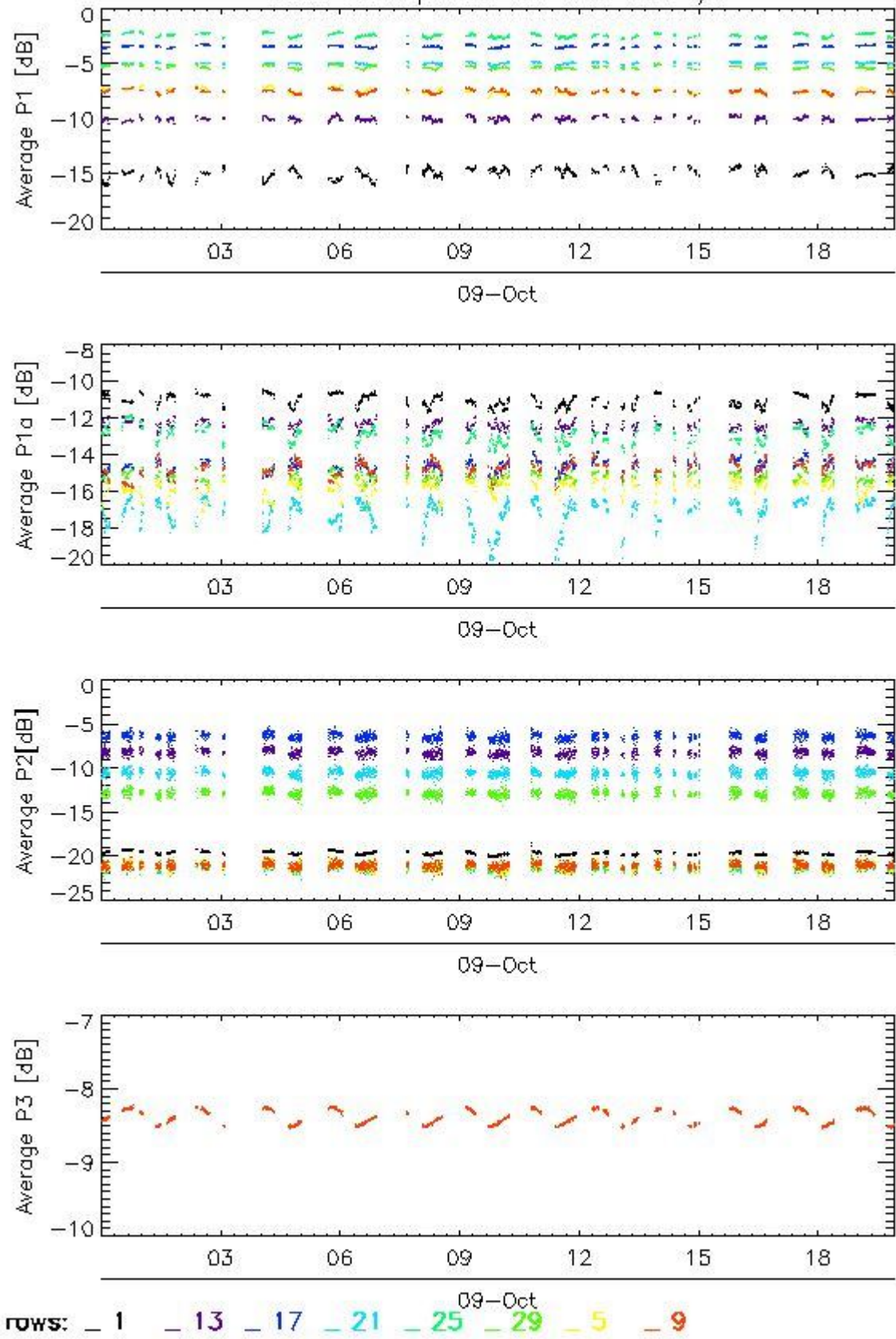
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

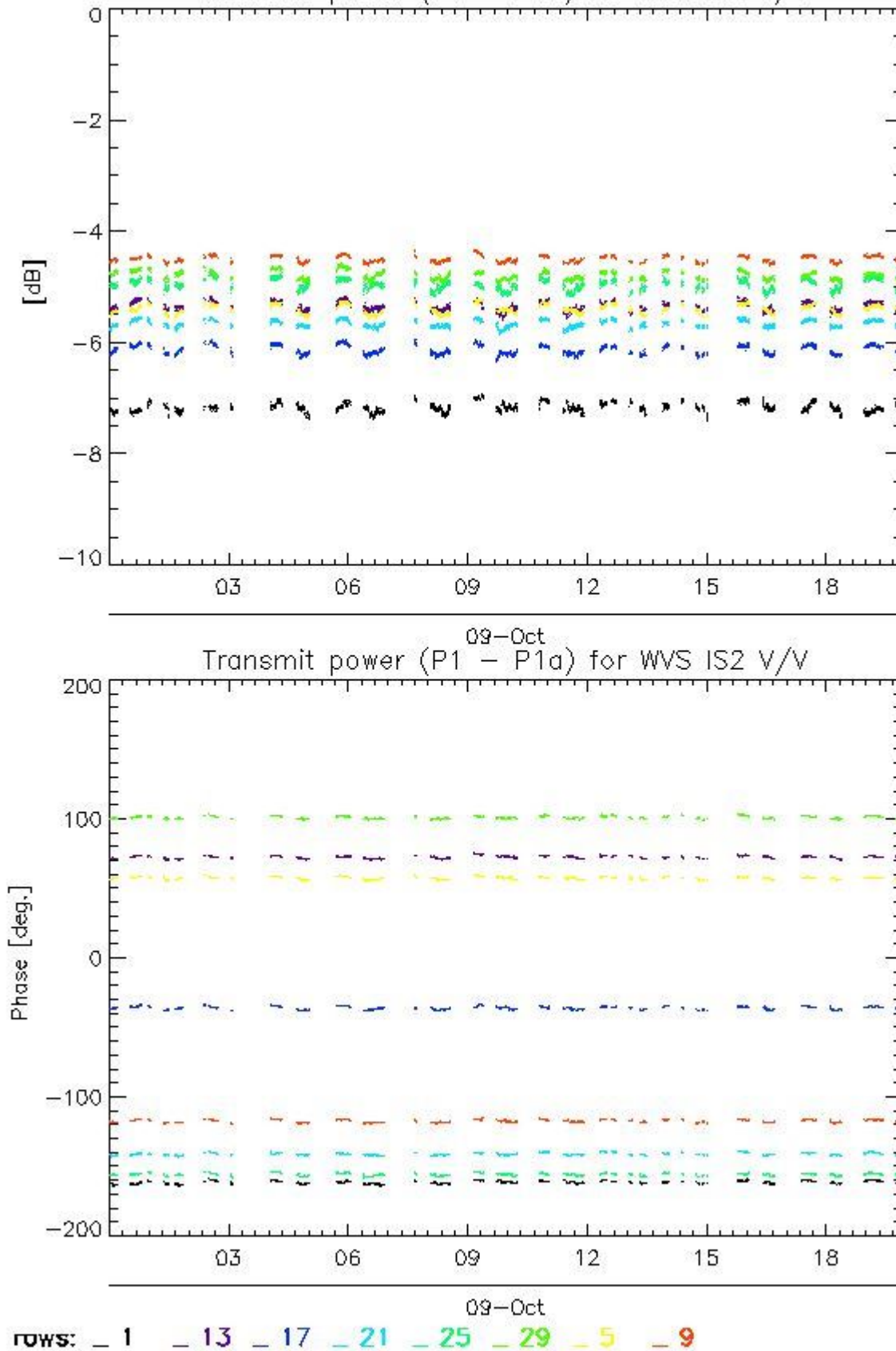
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



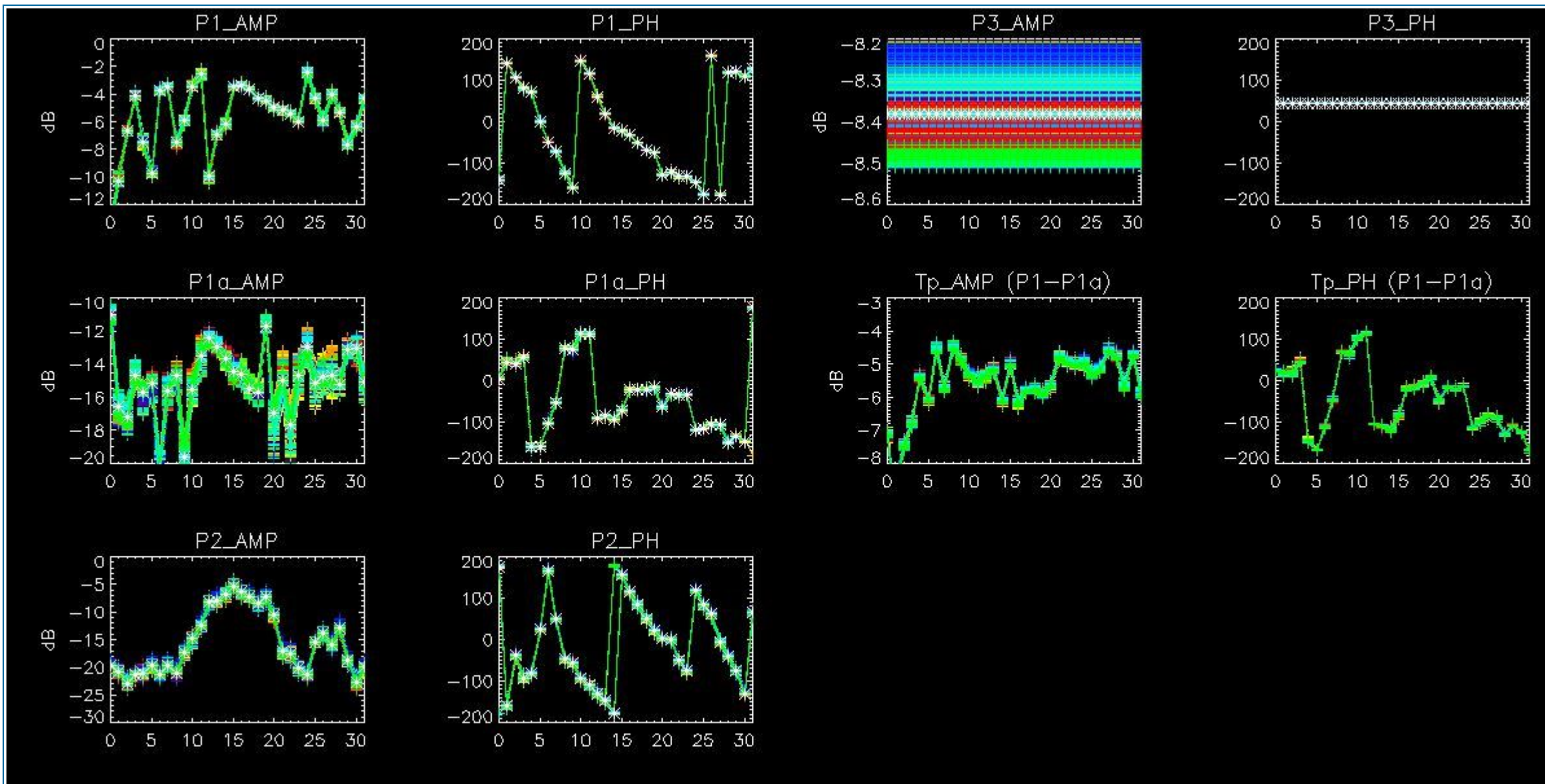
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]





4.2 - Analysis for GM1 SS3 H/H

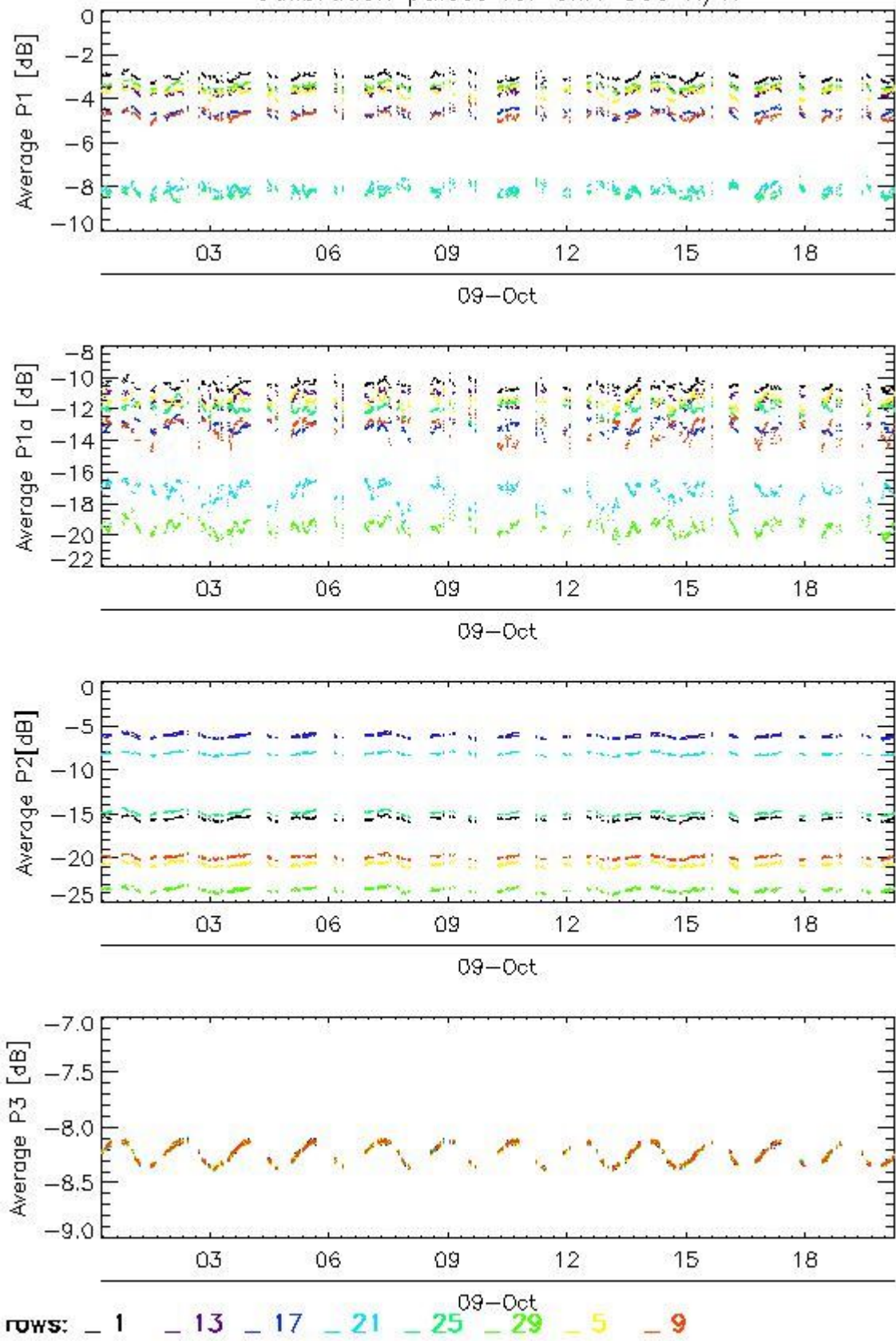
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

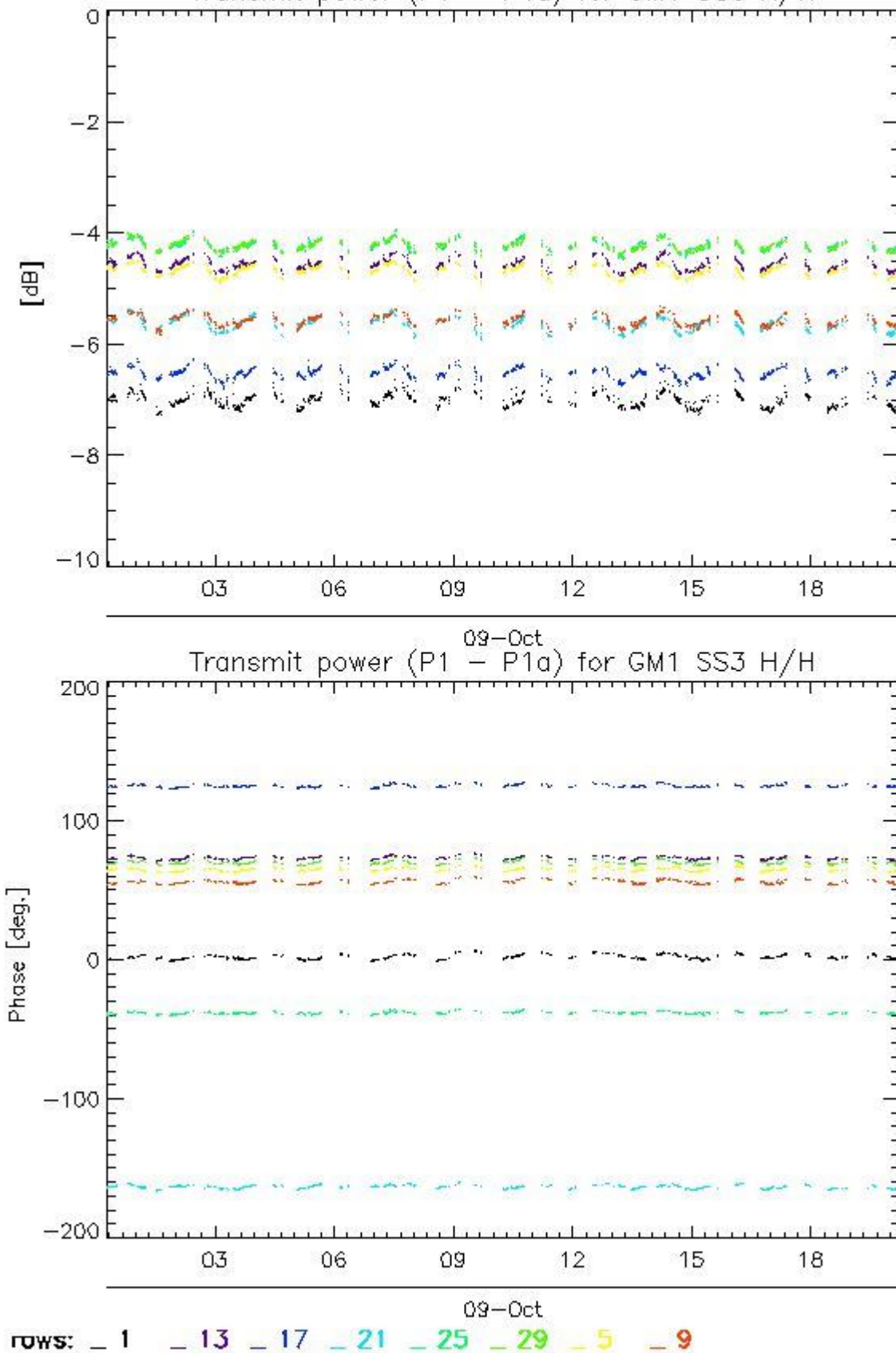
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



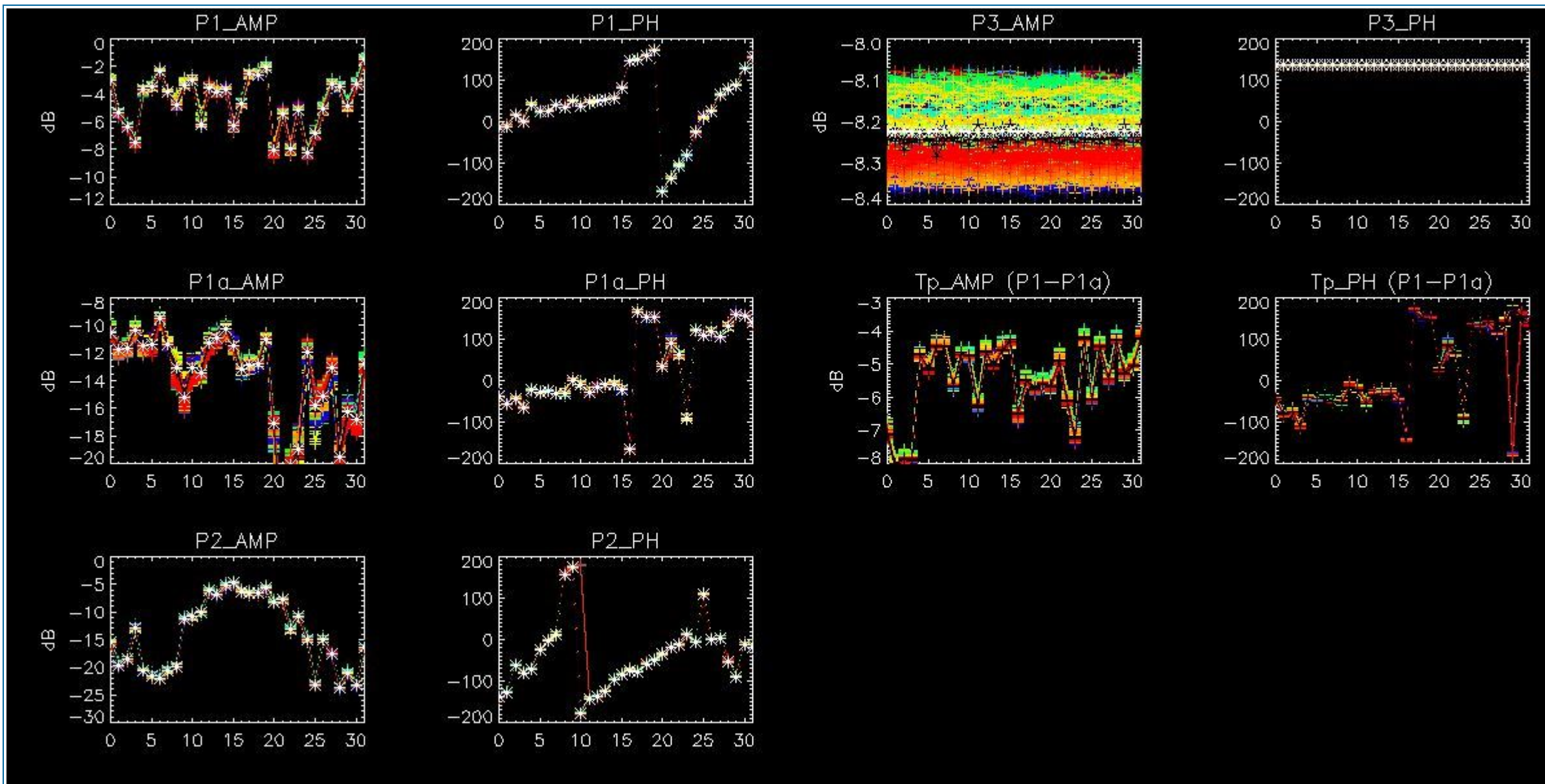
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[BACK TO MENU]





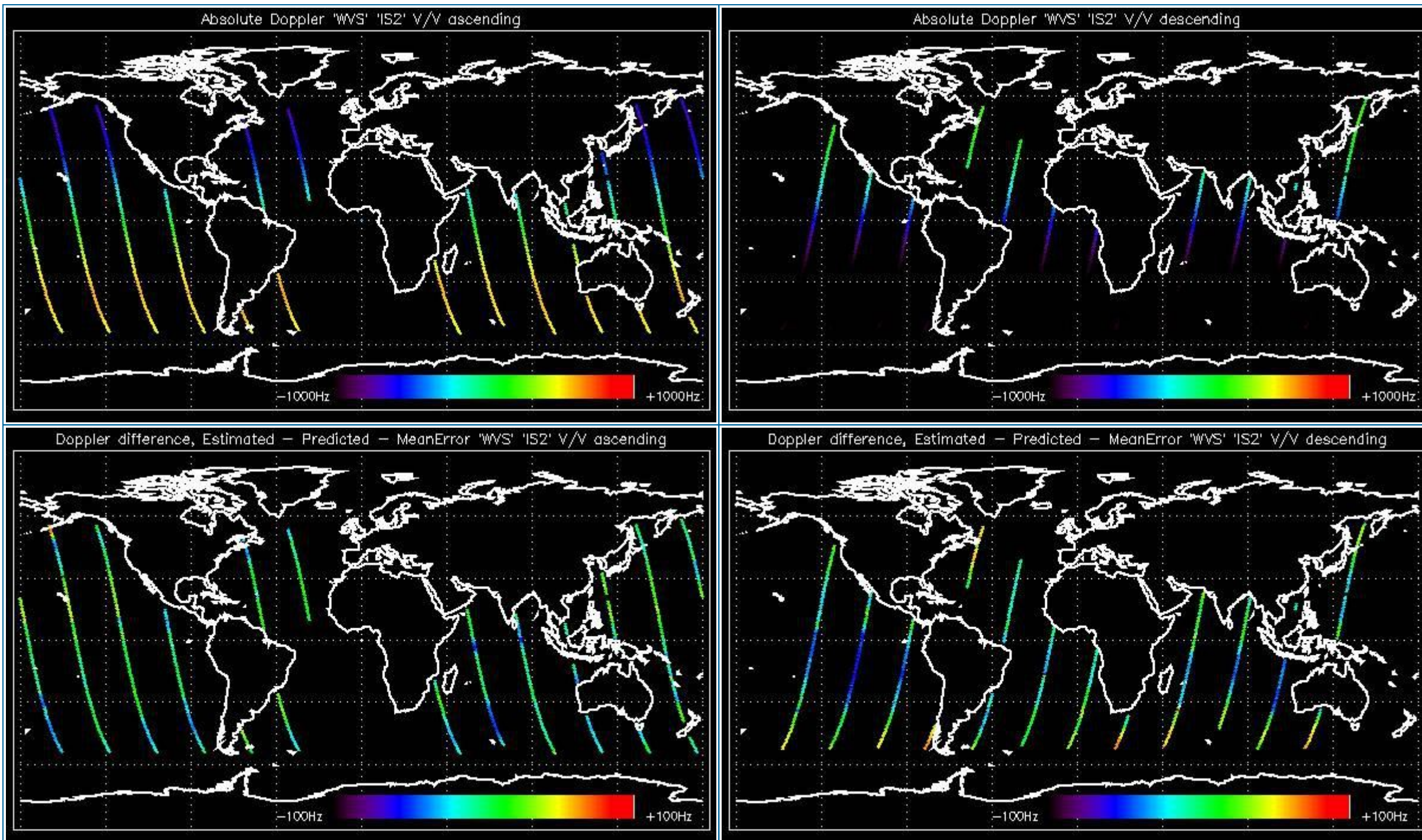
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

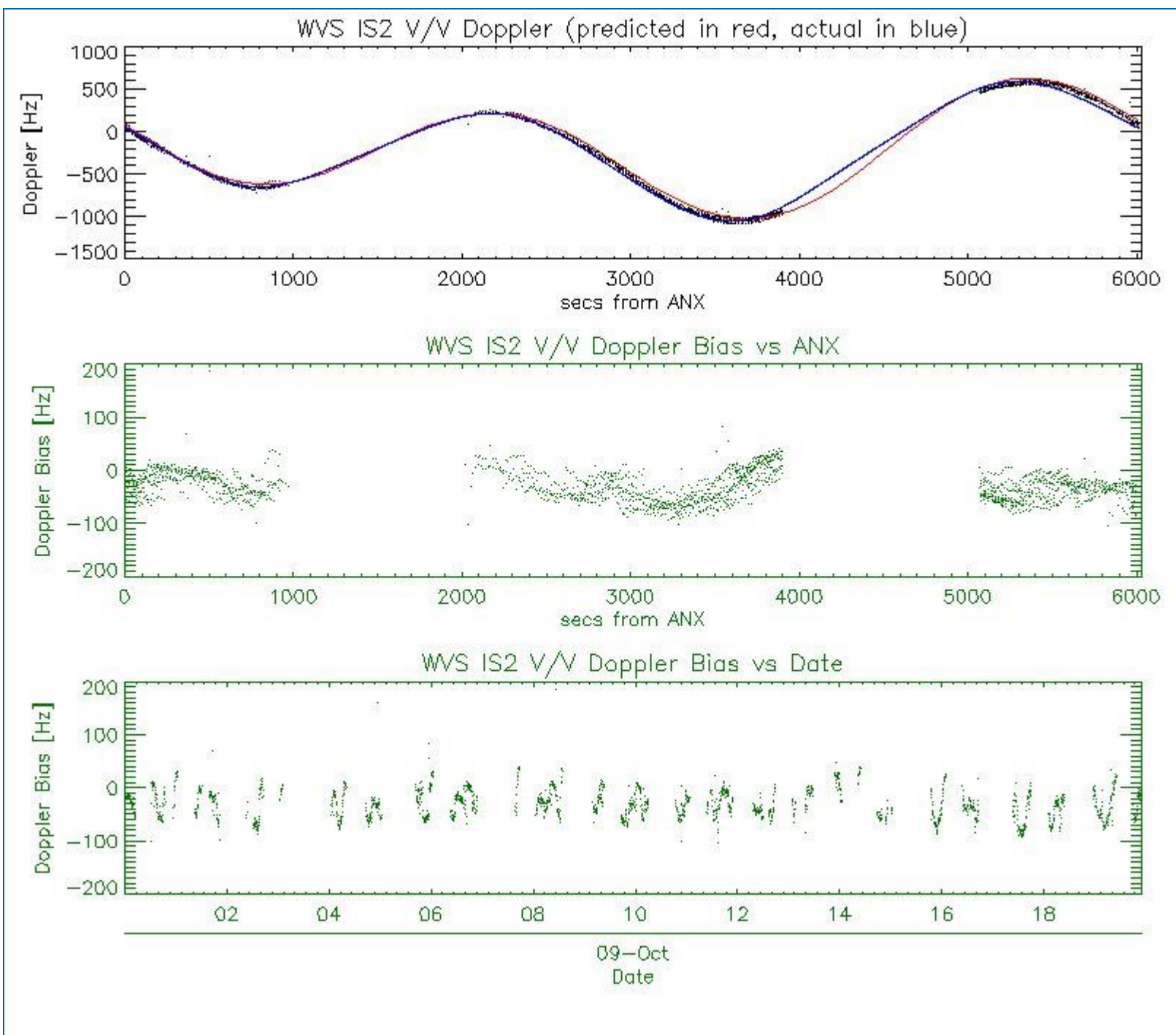




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



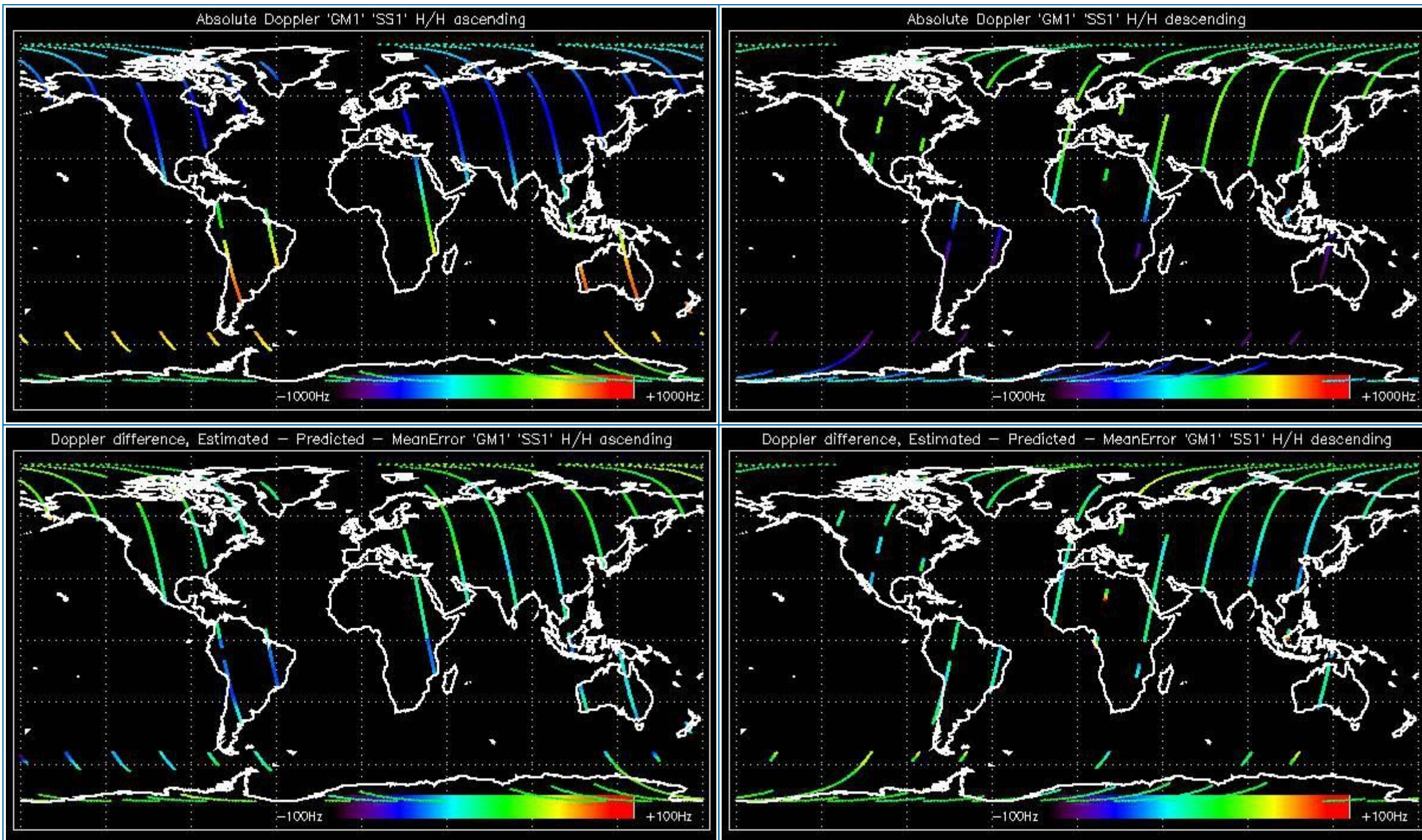


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

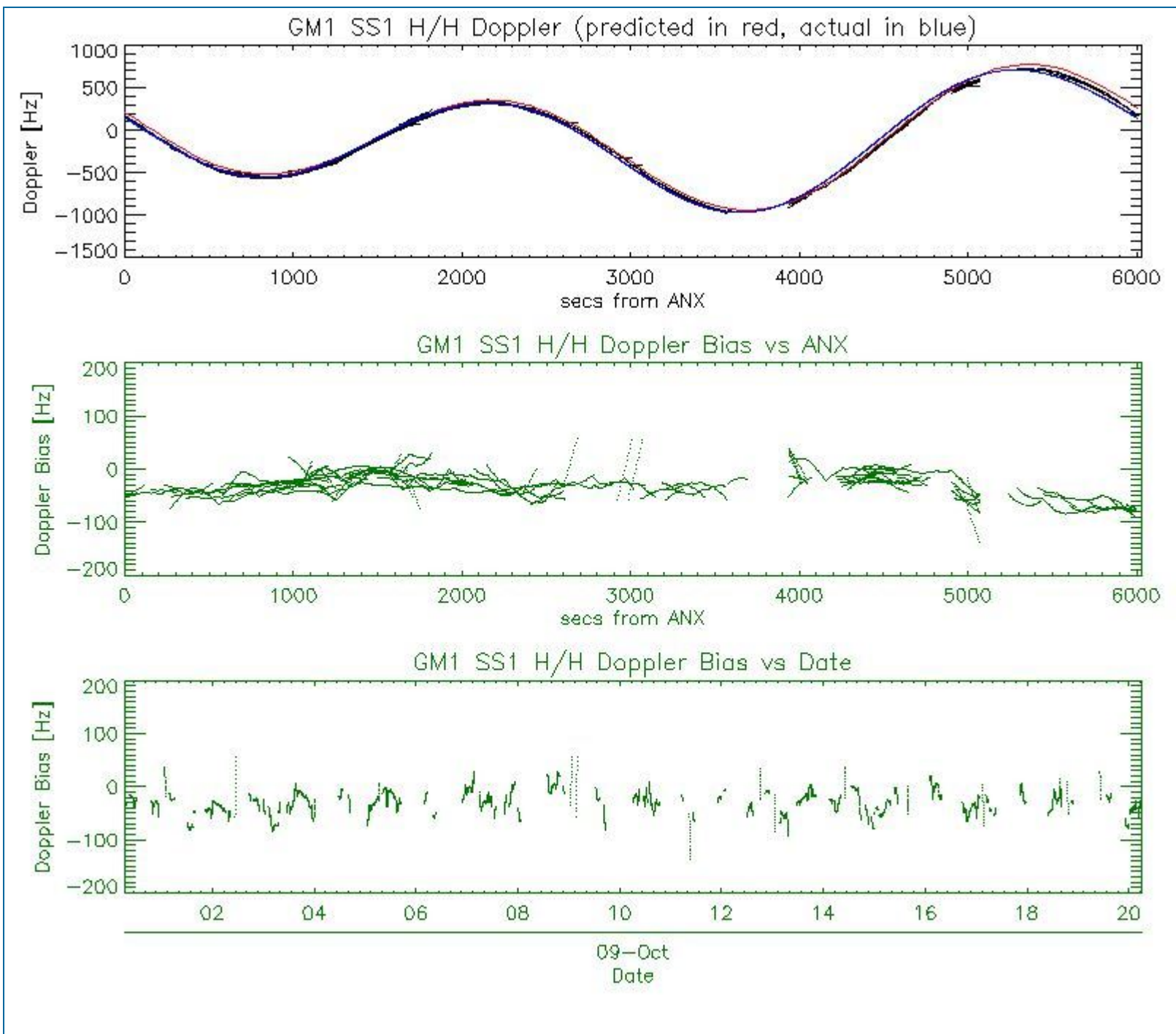




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

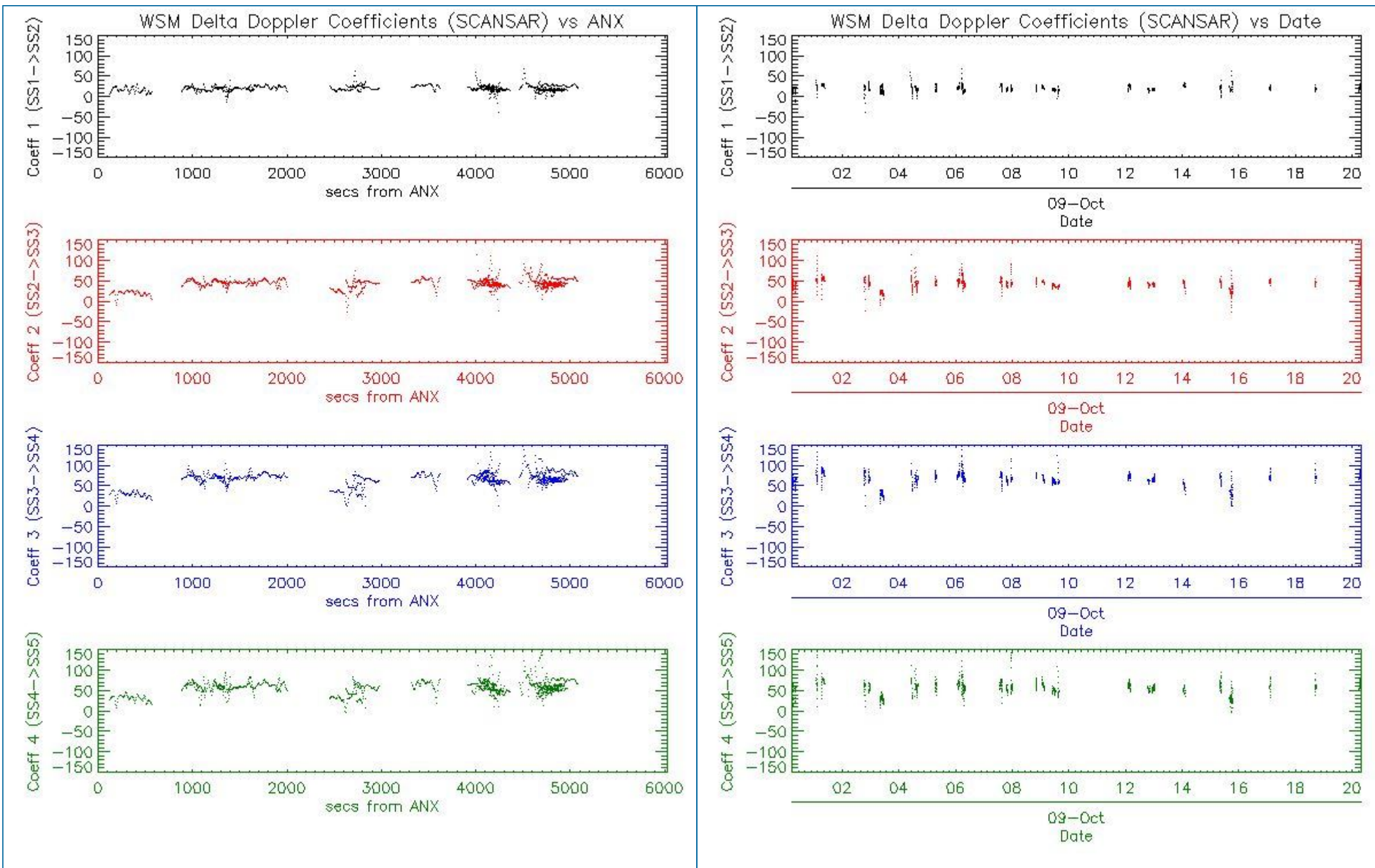




5.3 - Doppler JUMPS Analysis for WSM

[[BACK TO MENU](#)]





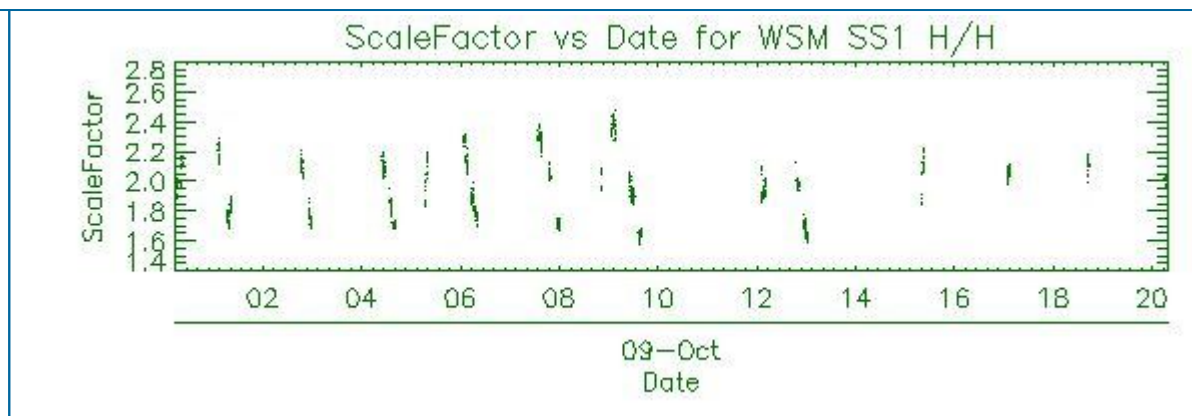
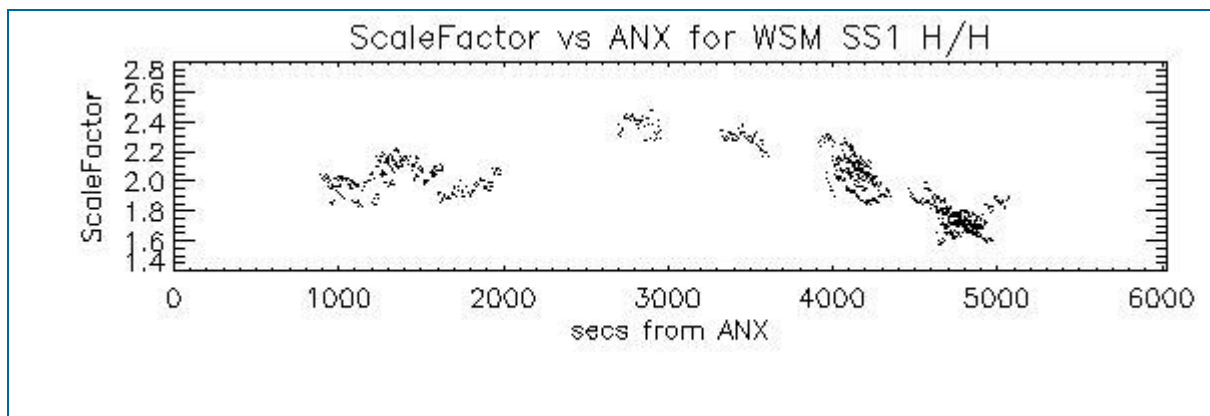
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

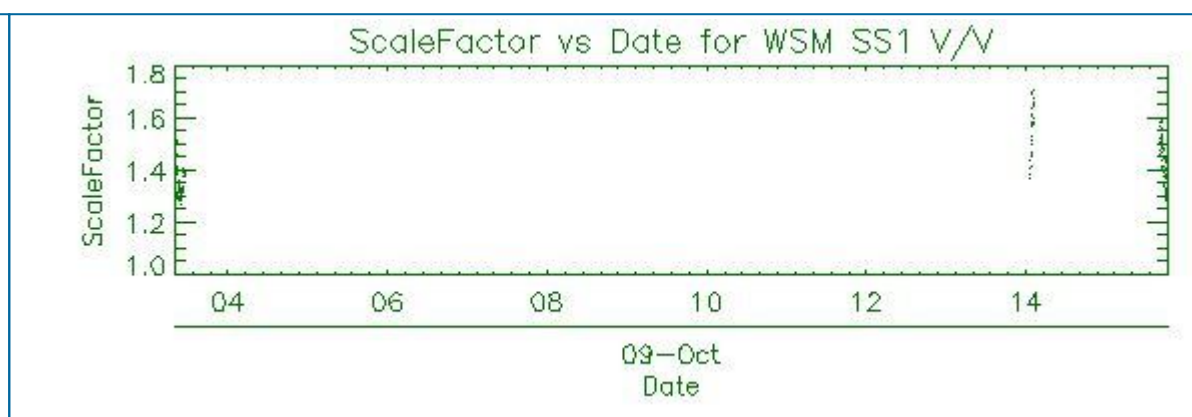
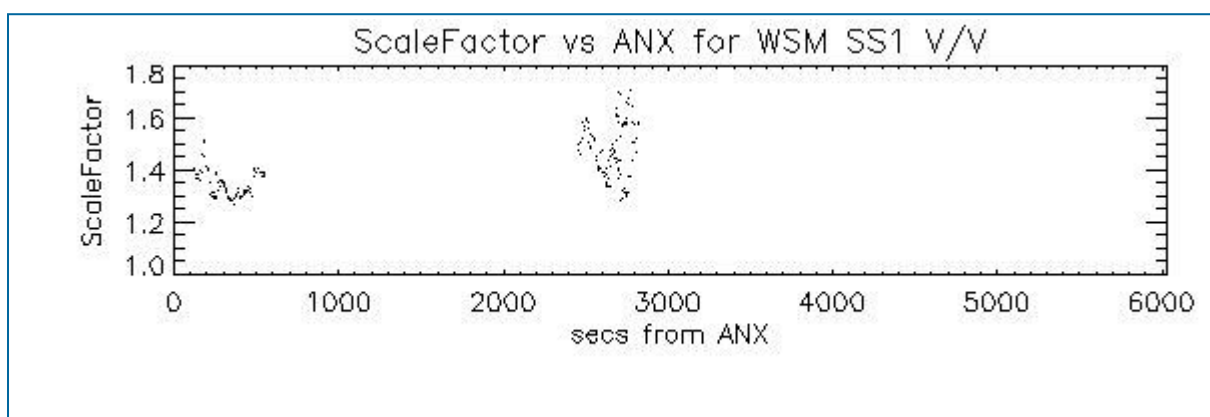




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

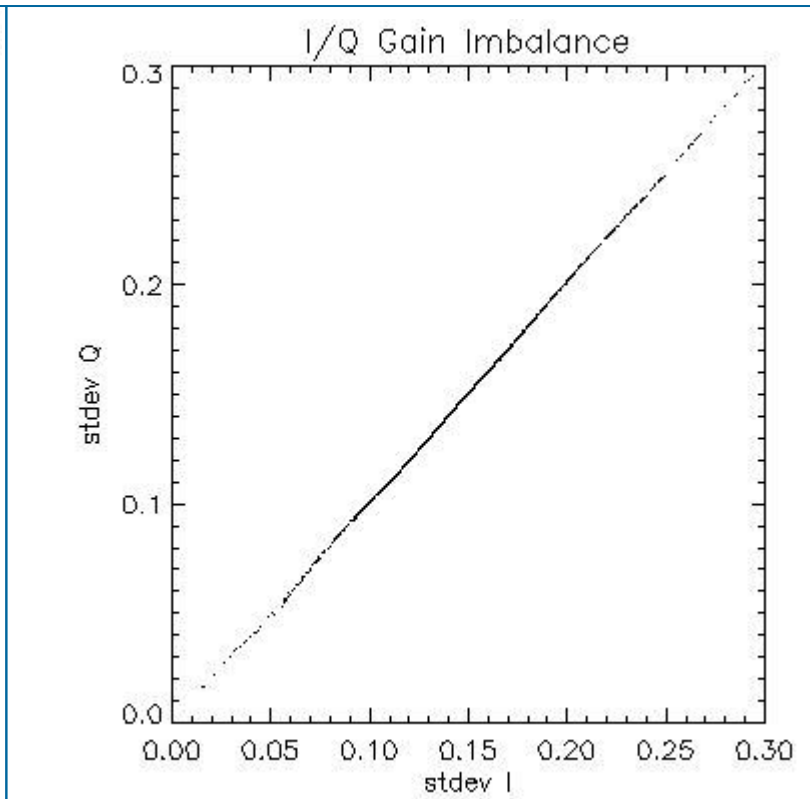
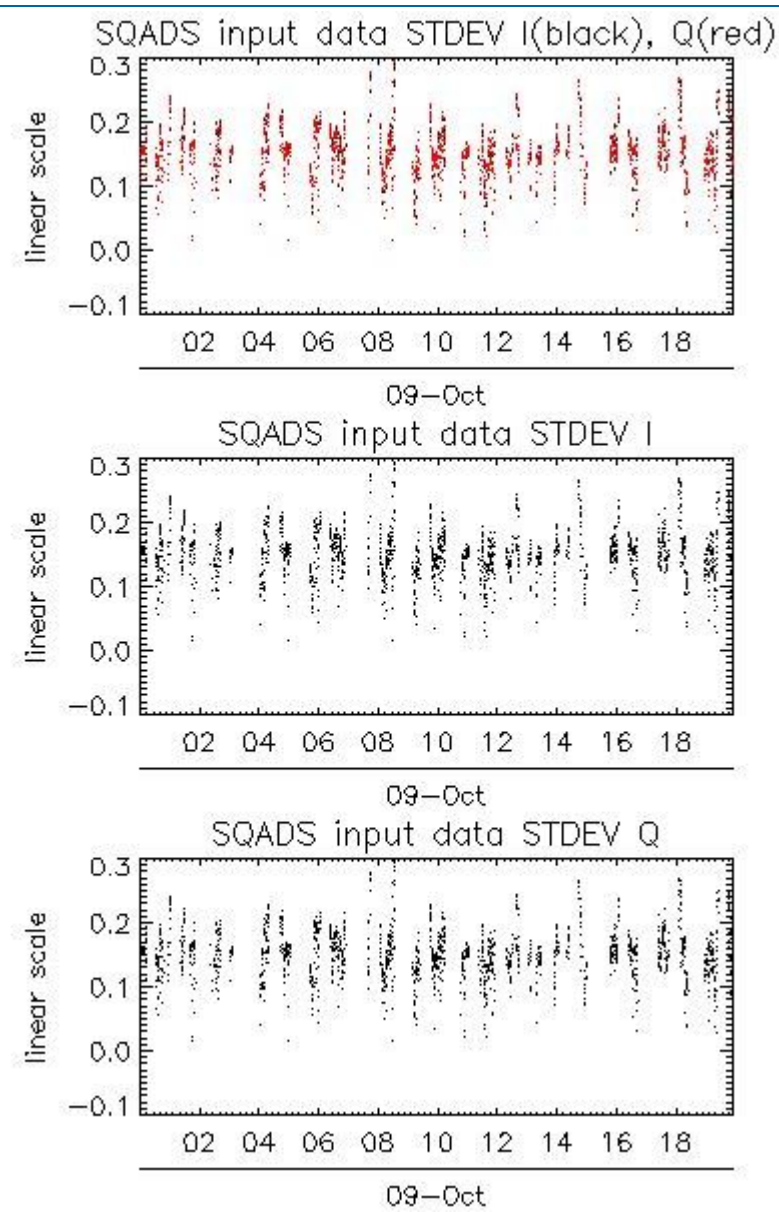
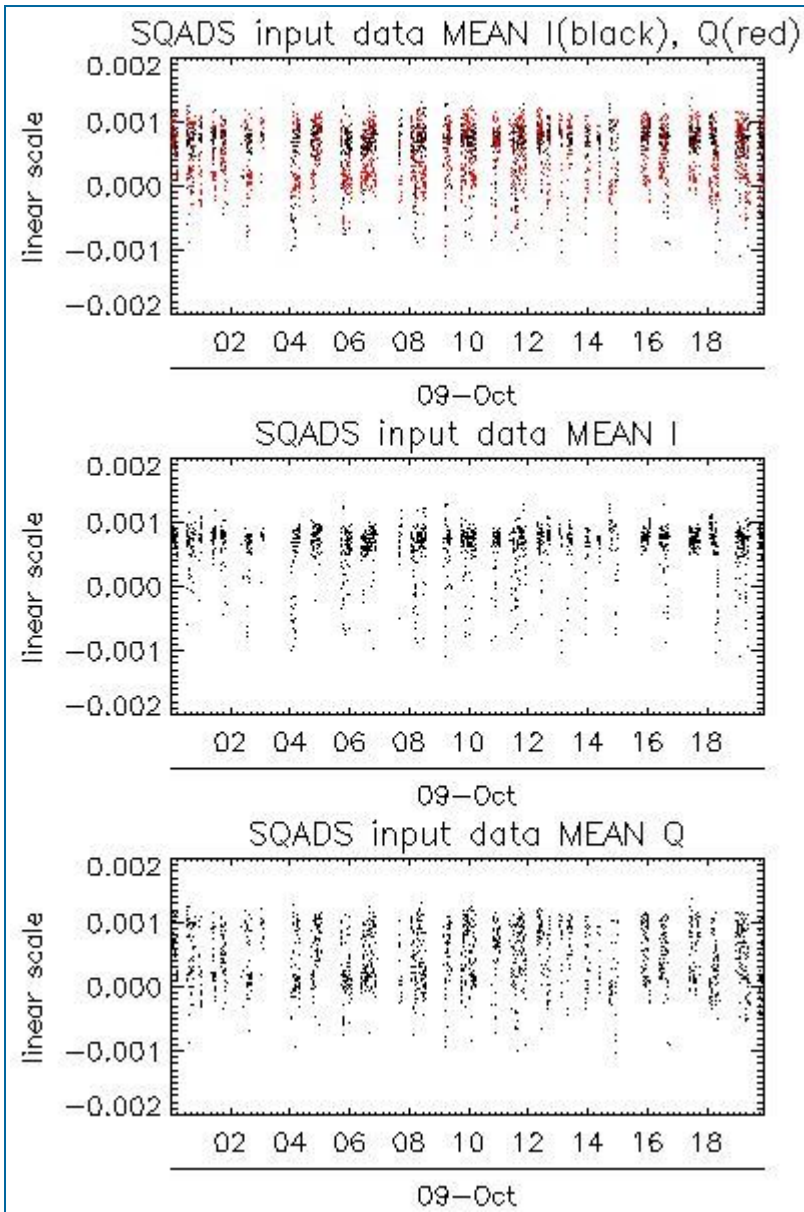


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

--	--	--

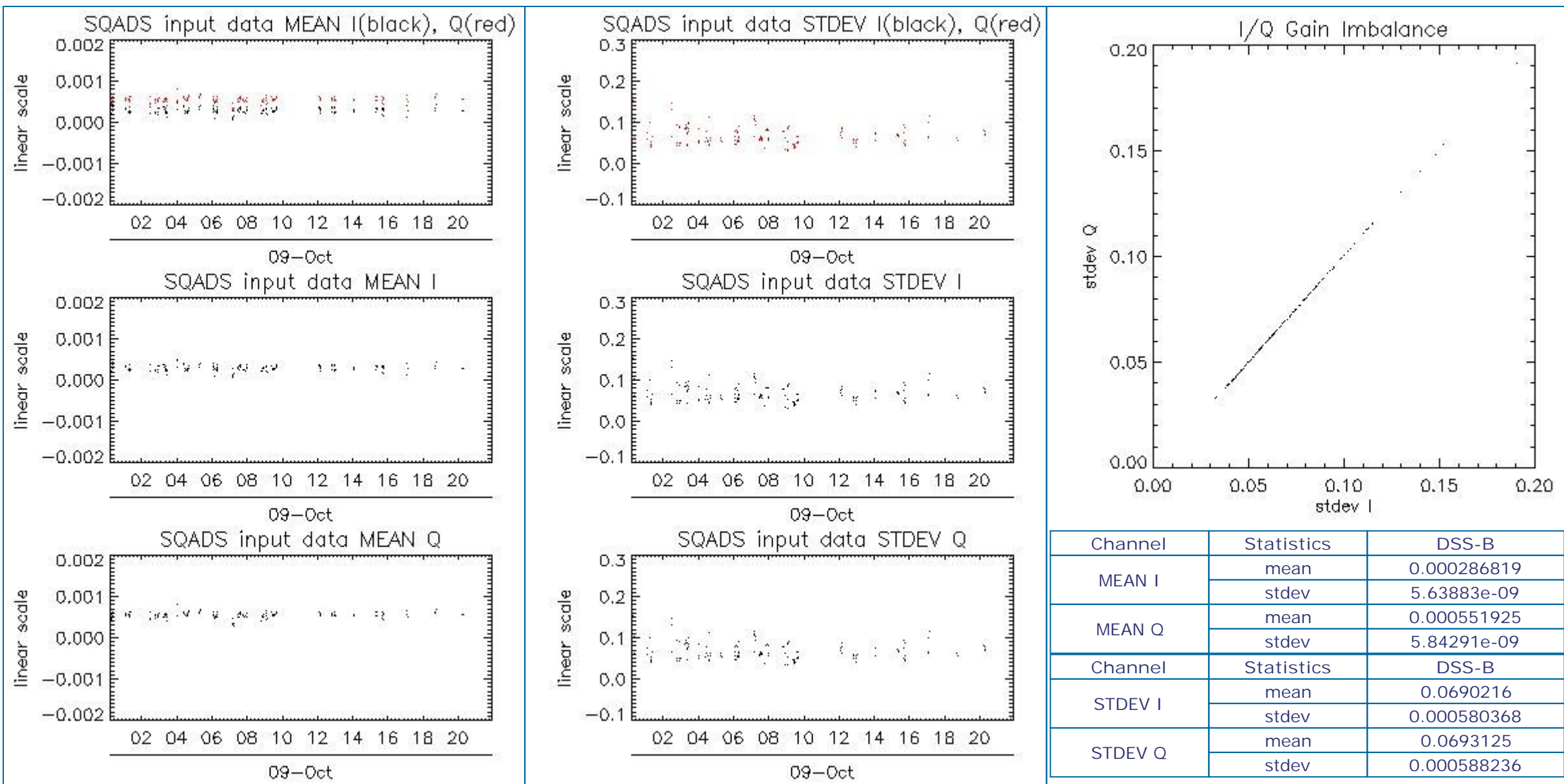


Channel	Statistics	DSS-B
MEAN I	mean	0.000614638
	stdev	1.45286e-07
MEAN Q	mean	0.000468756
	stdev	2.08839e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.150706
	stdev	0.00153481
STDEV Q	mean	0.151301
	stdev	0.00156412

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



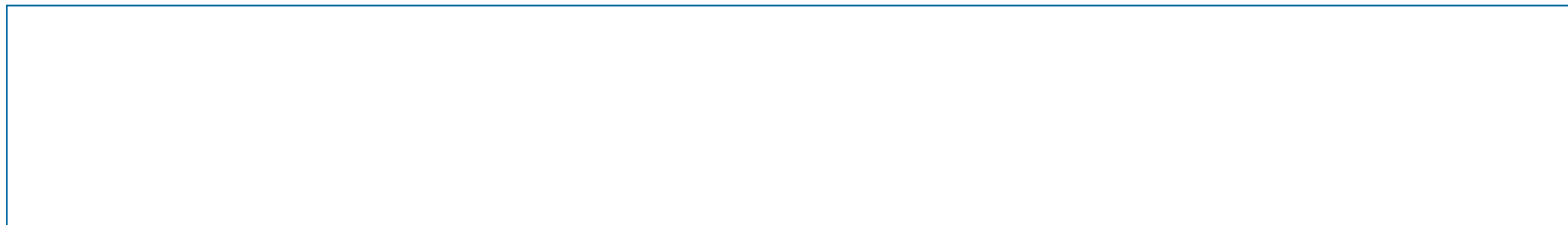


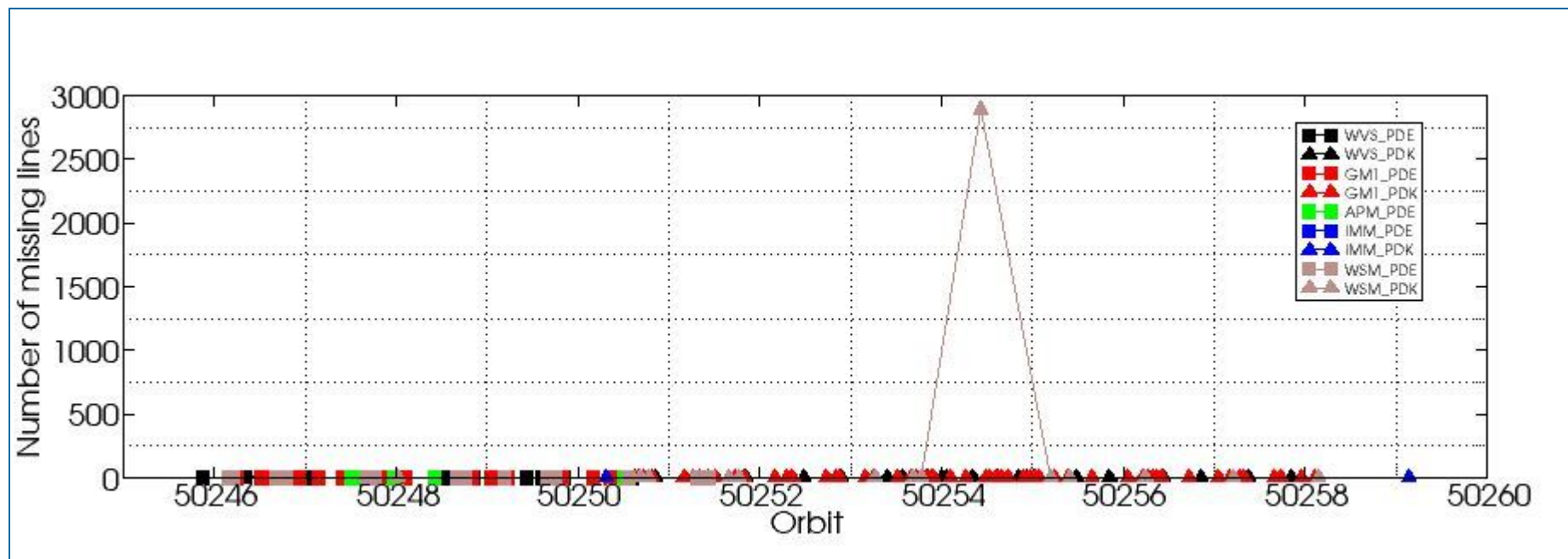
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20111009_003117_000009643107_00232_50246_9247.N1	0	8
PDE	ASA_WVS_1PNPDE20111009_012227_000002253107_00232_50246_9250.N1	1	0
PDE	ASA_WVS_1PNPDE20111009_040222_000008693107_00234_50248_9307.N1	1	0
PDE	ASA_WVS_1PNPDE20111009_054152_000010493107_00235_50249_9356.N1	1	0
PDE	ASA_WVS_1PNPDE20111009_073856_000001803107_00236_50250_9408.N1	1	0
PDK	ASA_WSM_1PNPDK20111009_032003_000004533107_00234_50248_9456.N1	0	2
PDK	ASA_WSM_1PNPDK20111009_140309_000001903107_00240_50254_9688.N1	6	2889

8.1 - Number of Missing lines

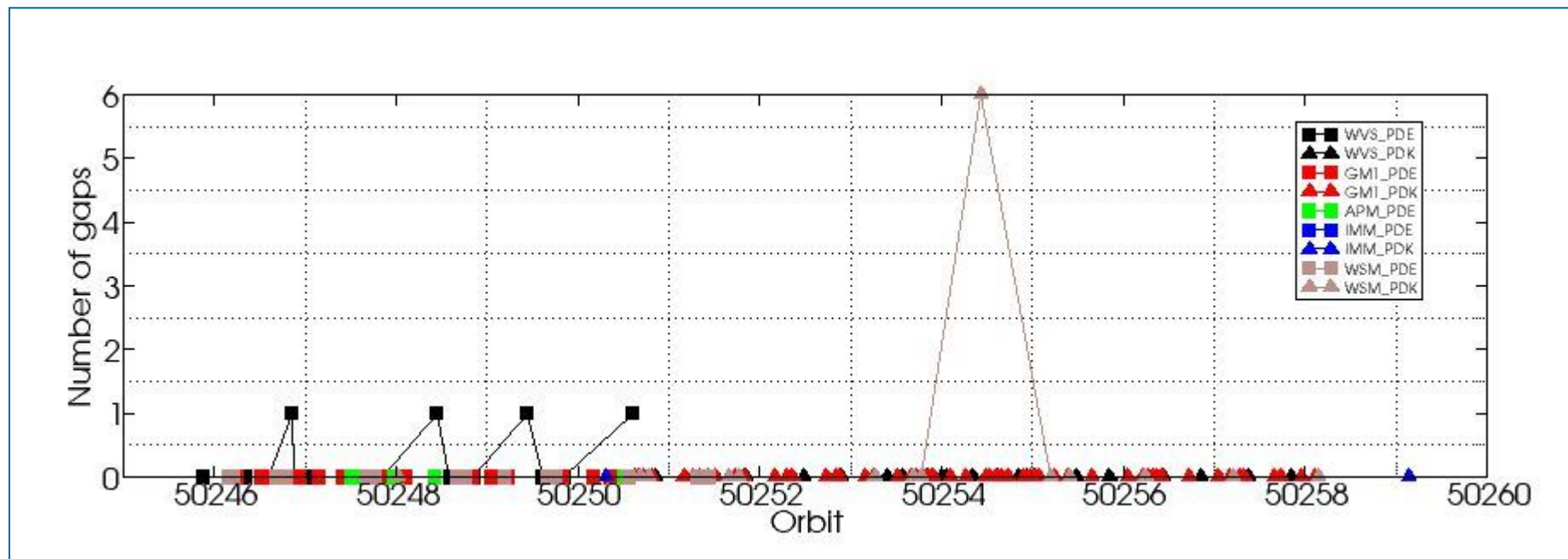
[BACK TO MENU]





8.2 - Number of Gaps

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



ASAR DAILY REPORT for 111009
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2011-10-09 00:00:00

Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111009/

DATA SUMMARY

Summary will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111009/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_111009/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_111009/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111009/AUXILIARY

Creating directory ./RESULTS/DAILY/_111009/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20111009*current_3_IECF_ADFs.txt
 Found list 20111009_030000_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20110526_075734_20101027_215740_20141231_000000

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20111009_003117_000009643107_00232_50246_9247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_005711_000003153107_00232_50246_9251.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_012227_000002253107_00232_50246_9250.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_012527_000002853107_00232_50246_9301.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_013905_000007193107_00233_50247_9318.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_022258_00000443107_00233_50247_9317.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_023031_000007343107_00233_50247_9311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_030225_000001803107_00233_50247_9308.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_040222_000008693107_00234_50248_9307.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_041637_000002103107_00234_50248_9348.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_044239_000011693107_00234_50248_9354.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_054152_000010493107_00235_50249_9356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_055906_000002253107_00235_50249_9395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_062254_000018593107_00235_50249_9405.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20111009_073856_000001803107_00236_50250_9408.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_074141_000001053107_00236_50250_9543.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_080308_000018593107_00236_50250_9541.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_091005_000008093107_00237_50251_9583.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_094321_000019043107_00237_50251_9588.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_104713_000009743107_00238_50252_9620.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_112335_000001203107_00238_50252_9618.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_112754_000016043107_00238_50252_9623.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_121830_000006593107_00239_50253_9657.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_123637_000004503107_00239_50253_9661.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_130349_000002253107_00239_50253_9664.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_131911_000003143107_00239_50253_9665.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_132530_000001643107_00240_50254_9667.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_135405_000004943107_00240_50254_9694.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_142108_000001953107_00240_50254_9701.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_144403_000003003107_00240_50254_9699.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_145332_000001493107_00240_50254_9696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_150020_000000743107_00241_50255_9702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_154659_000010493107_00241_50255_9728.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_162408_000011393107_00241_50255_9731.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_172322_000012893107_00242_50256_9760.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_180530_000011093107_00242_50256_9762.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_185724_000016643107_00243_50257_9783.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20111009_194436_000006003107_00243_50257_9786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20111009_001635_000001443107_00232_50246_9243.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


```
ASA_GM1_1PNPDK20111009_172057_000001383107_00242_50256_9759.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_175133_000004593107_00242_50256_9761.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_182442_000008403107_00243_50257_9763.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_183743_000001993107_00243_50257_9779.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_184725_000000723107_00243_50257_9780.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_185244_000001203107_00243_50257_9781.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_192546_000000723107_00243_50257_9782.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_193344_000003143107_00243_50257_9784.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_195516_000008283107_00243_50257_9785.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20111009_201047_000002593107_00244_50258_9787.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20111009_022803_000000433107_00233_50247_9295.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111009_022928_000000573107_00233_50247_9296.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111009_031503_000000823107_00233_50247_9299.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111009_040050_000000863107_00234_50248_9300.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20111009_072851_000001633107_00236_50250_9394.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20111009_084858_000000433107_00237_50251_9416.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20111009_085713_000000693107_00237_50251_9426.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111009_070852_000003213107_00236_50250_9528.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20111009_215424_000000373107_00245_50259_9813.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_111009/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20111009_001302_000002083107_00232_50246_9238.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_001902_000002083107_00232_50246_9239.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_010501_000001593107_00232_50246_9236.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_011554_000003923107_00232_50246_9240.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_024530_000001843107_00233_50247_9297.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_025516_000002513107_00233_50247_9298.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_042436_000002263107_00234_50248_9305.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_043357_000003923107_00234_50248_9336.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_051650_000002083107_00235_50249_9337.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_060327_000003433107_00235_50249_9365.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_061240_000004533107_00235_50249_9393.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_073350_000003063107_00236_50250_9397.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_085010_000001223107_00237_50251_9422.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20111009_090337_000002883107_00237_50251_9428.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_032003_000004533107_00234_50248_9456.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_074635_000001903107_00236_50250_9537.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_075619_000002323107_00236_50250_9536.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_092444_000004103107_00237_50251_9598.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_093554_000002883107_00237_50251_9596.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_120519_000003733107_00239_50253_9635.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_124751_000001903107_00239_50253_9668.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_125656_000003123107_00239_50253_9672.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



```

ASA_WSM_1PNPDK20111009_140309_000001903107_00240_50254_9688.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_151938_000002083107_00241_50255_9709.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_154029_000003923107_00241_50255_9746.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_170359_000002143107_00242_50256_9740.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_184107_000001533107_00243_50257_9769.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20111009_201508_000002513107_00244_50258_9793.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
 Results will be exported to the directory: ./RESULTS/DAILY/_111009/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_111009/MODULE_STEPPING...
 Creating directory ./RESULTS/DAILY/_111009/MODULE_STEPPING/FIRST_REFERENCE...
 Creating directory ./RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE...
 Creating directory ./RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
 Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
 Test product: ASA_MS__0PNPDK20111009_124617_000000163107_00239_50253_0822.N1
 H
 H
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/TGH_20111009_124617-20010209_135042.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/TPH_20111009_124617-20010209_135042.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/RGH_20111009_124617-20010209_135042.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/RPH_20111009_124617-20010209_135042.png

Polarization: V
 Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
 Test product: ASA_MS__0PNPDK20111009_142631_000000163107_00240_50254_0823.N1
 V
 V
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/TGV_20111009_142631-20010209_140823.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/TPV_20111009_142631-20010209_140823.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/RGV_20111009_142631-20010209_140823.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/SECOND_REFERENCE/RPV_20111009_142631-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDK20111008_132301_000000163107_00225_50239_0820.N1
 Test product: ASA_MS__0PNPDK20111009_124617_000000163107_00239_50253_0822.N1
 H
 H
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20111009_124617-20111008_132301.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20111009_124617-20111008_132301.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20111009_124617-20111008_132301.png
 ../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20111009_124617-20111008_132301.png

Polarization: V

Reference product: ASA_MS_0PNPDK20111008_150315_000000163107_00226_50240_0821.N1

Test product: ASA_MS_0PNPDK20111009_142631_000000163107_00240_50254_0823.N1

V
V

../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20111009_142631-20111008_150315.png
../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20111009_142631-20111008_150315.png
../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20111009_142631-20111008_150315.png
../../RESULTS/DAILY/_111009/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20111009_142631-20111008_150315.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_111009/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing products WVS IS2 V/V

1 58849 7 58849

Writing image ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 37761 7 37761

Writing image ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-10-09_1.dat...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-10-09_2.dat...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-10-09_3.dat...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2011-10-09_4.dat...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_111009//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 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-10-09_1.dat...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-10-09_2.dat...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-10-09_3.dat...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2011-10-09 00:00:00 to 2011-10-09 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_111009/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2011-10-09_4.dat...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_111009//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_111009/DOPPLER...

DOPPLER ANX Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DOPPLER/Doppler_data_WVS_IS2_VV_2011-10-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111009/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DOPPLER/Doppler_data_GM1_SS1_HH_2011-10-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111009/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/DOPPLER/Doppler_Jumps_data_WSM_2011-10-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111009/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_111009/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing products WVS IS2 V/V

837
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.WV_2

87.7758
10.5846
-66.5771
-142.520
-216.086
-286.172
-351.735
-411.816
-465.557
-512.209
-551.146
-581.874
-604.040
-617.434
-621.993
-617.804
-605.099
-584.252
-555.770
-520.289
-478.560
-431.434
-379.856
-324.838
-267.455
-208.814
-150.050
-92.2908
-36.6568
15.7690
63.9616
106.958
143.888
173.973
196.555
211.098
217.196
214.587
203.150
182.918
154.068
116.919
71.9387
19.7218
-39.0043
-103.408
-172.552
-245.410
-320.887
-397.839
-475.084
-551.423
-625.659
-696.616
-763.167
-824.227
-878.795
-925.960
-964.912
-994.961
-1015.54
-1026.24
-1026.75
-1016.96
-996.863
-966.640
-926.597
-877.190

-819.014
-752.784
-679.341
-599.625
-514.669
-425.588
-333.549
-239.763
-145.472
-51.9192
39.6591
128.055
212.107
290.720
362.878
427.653
484.231
531.914
570.135
598.464
616.615
624.452
621.987
609.384
586.949
555.141
514.541
465.868
409.943
347.705
280.167
208.420
133.607
87.7758

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -30.176231 Hz

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1004

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

87.7758
10.5846
-66.5771
-142.520
-216.086
-286.172
-351.735
-411.816
-465.557
-512.209
-551.146
-581.874
-604.040
-617.434
-621.993
-617.804
-605.099
-584.252
-555.770
-520.289
-478.560
-431.434

-379.856
-324.838
-267.455
-208.814
-150.050
-92.2908
-36.6568
15.7690
63.9616
106.958
143.888
173.973
196.555
211.098
217.196
214.587
203.150
182.918
154.068
116.919
71.9387
19.7218
-39.0043
-103.408
-172.552
-245.410
-320.887
-397.839
-475.084
-551.423
-625.659
-696.616
-763.167
-824.227
-878.795
-925.960
-964.912
-994.961
-1015.54
-1026.24
-1026.75
-1016.96
-996.863
-966.640
-926.597
-877.190
-819.014
-752.784
-679.341
-599.625
-514.669
-425.588
-333.549
-239.763
-145.472
-51.9192
39.6591
128.055
212.107
290.720
362.878
427.653
484.231
531.914
570.135
598.464
616.615
624.452

621.987
609.384
586.949
555.141
514.541
465.868
409.943
347.705
280.167
208.420
133.607
87.7758

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -30.455725 Hz

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2175

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.GM_1

216.826
136.479
56.1549
-22.9067
-99.5006
-172.474
-240.743
-303.307
-359.271
-407.856
-448.408
-480.415
-503.506
-517.465
-522.225
-517.876
-504.660
-482.966
-453.319
-416.384
-372.939
-323.868
-270.156
-212.854
-153.080
-91.9846
-30.7489
29.4535
87.4579
142.137
192.422
237.312
275.898
307.370
331.039
346.345
352.861
350.313
338.571
317.665
287.775

249.231
202.516
148.246
87.1750
20.1678
-51.8021
-127.666
-206.286
-286.470
-366.984
-446.581
-524.012
-598.050
-667.520
-731.288
-788.309
-837.633
-878.414
-909.930
-931.592
-942.955
-943.721
-933.748
-913.049
-881.794
-840.306
-789.059
-728.670
-659.882
-583.571
-500.712
-412.383
-319.741
-224.000
-126.420
-28.2956
69.0819
164.424
256.474
344.022
425.926
501.129
568.661
627.675
677.441
717.367
747.001
766.044
774.352
771.933
758.957
735.740
702.757
660.611
610.049
551.927
487.220
416.983
342.352
264.518
216.826

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -22.171592 Hz

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...

Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

```
2575
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
216.826
136.479
56.1549
-22.9067
-99.5006
-172.474
-240.743
-303.307
-359.271
-407.856
-448.408
-480.415
-503.506
-517.465
-522.225
-517.876
-504.660
-482.966
-453.319
-416.384
-372.939
-323.868
-270.156
-212.854
-153.080
-91.9846
-30.7489
29.4535
87.4579
142.137
192.422
237.312
275.898
307.370
331.039
346.345
352.861
350.313
338.571
317.665
287.775
249.231
202.516
148.246
87.1750
20.1678
-51.8021
-127.666
-206.286
-286.470
-366.984
-446.581
-524.012
-598.050
-667.520
-731.288
-788.309
-837.633
-878.414
-909.930
-931.592
-942.955
-943.721
```


-933.748
-913.049
-881.794
-840.306
-789.059
-728.670
-659.882
-583.571
-500.712
-412.383
-319.741
-224.000
-126.420
-28.2956
69.0819
164.424
256.474
344.022
425.926
501.129
568.661
627.675
677.441
717.367
747.001
766.044
774.352
771.933
758.957
735.740
702.757
660.611
610.049
551.927
487.220
416.983
342.352
264.518
216.826

Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -34.759249 Hz
Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_111009//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_111009/CHIRP...

CHIRP Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...

```
Writing file ./RESULTS/DAILY/_111009/CHIRP/ScaleFactor_data_WSM_SS1_HH_2011-10-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111009/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_111009/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

Analysing products WSM SS1 V/V

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/CHIRP/ScaleFactor_data_WSM_SS1_VV_2011-10-09.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_111009/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_111009/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

```
#####
Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111009/RAW_DATA
```

Creating directory ./RESULTS/DAILY/_111009/RAW_DATA...

```
*****
Getting raw data for WVS from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/RAW_DATA/Raw_data_WVS_2011-10-09.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_WVS_gain_imbalance.png...
```

```
*****
Getting raw data for IMM from 2011-10-09 00:00:00 to 2011-10-09 23:59:59...
Writing file ./RESULTS/DAILY/_111009/RAW_DATA/Raw_data_IMM_2011-10-09.dat...
Running IDL program to create graphs...
```

```
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_111009/RAW_DATA/Raw_data_IMM_gain_imbalance.png...
```

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

```
#####
Analysis will be performed from 2011-10-09 00:00:00 to 2011-10-09 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_111009/TELEMETRY
```

Creating directory ./RESULTS/DAILY/_111009/TELEMETRY...

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

```
*****
```

```
Checking 16 products from PDE...
Found product...ASA_WVS_1PNPDE20111009_003117_000009643107_00232_50246_9247.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20111009_012227_000002253107_00232_50246_9250.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20111009_040222_000008693107_00234_50248_9307.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20111009_054152_000010493107_00235_50249_9356.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20111009_073856_000001803107_00236_50250_9408.N1 / 1 gaps / 0 missing lines
Checking 23 products from PDK...
```

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

Checking 26 products from PDE...
Checking 53 products from PDK...

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

Checking 5 products from PDE...
No products from PDK...

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

Checking 2 products from PDE...
Checking 2 products from PDK...

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

Checking 14 products from PDE...
Checking 14 products from PDK...
Found product...ASA_WSM_1PNPDK20111009_032003_000004533107_00234_50248_9456.N1 / 0 gaps / 2 missing lines
Found product...ASA_WSM_1PNPDK20111009_140309_000001903107_00240_50254_9688.N1 / 6 gaps / 2889 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_111009/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_111009/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_111009/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_1PNPDE20111009_022803_000000433107_00233_50247_9295.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111009_022928_000000573107_00233_50247_9296.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111009_031503_000000823107_00233_50247_9299.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111009_040050_000000863107_00234_50248_9300.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20111009_072851_000001633107_00236_50250_9394.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_1PNPDE20111009_001635_000001443107_00232_50246_9243.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_002235_000005193107_00232_50246_9246.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_004806_000001143107_00232_50246_9245.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_005105_000003623107_00232_50246_9249.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_010313_000001023107_00232_50246_9248.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_010749_000004833107_00232_50246_9252.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_013057_000004893107_00232_50246_9302.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_015147_000014683107_00233_50247_9303.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_021800_000002053107_00233_50247_9319.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_022629_000000903107_00233_50247_9316.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_024328_000001143107_00233_50247_9315.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_024836_000003983107_00233_50247_9314.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_025935_000001693107_00233_50247_9313.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_030603_000001443107_00233_50247_9312.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_030831_000003923107_00233_50247_9310.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_031647_000001933107_00233_50247_9309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_032738_000019943107_00234_50248_9306.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_042826_000003263107_00234_50248_9349.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_044037_000001143107_00234_50248_9350.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_050247_000008403107_00235_50249_9352.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_052025_000012873107_00235_50249_9357.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_060913_000002053107_00235_50249_9396.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_062015_000001573107_00235_50249_9398.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_065431_000008643107_00236_50250_9406.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_071424_000008703107_00236_50250_9407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20111009_073156_000001083107_00236_50250_9409.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_074405_000001443107_00236_50250_9531.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_074959_000003743107_00236_50250_9547.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_080012_000001753107_00236_50250_9542.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_083455_000006713107_00237_50251_9540.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_084459_000002413107_00237_50251_9579.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_085315_000000783107_00237_50251_9580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_090200_000000903107_00237_50251_9581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_090829_000000903107_00237_50251_9582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_093141_000002473107_00237_50251_9584.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_094044_000001503107_00237_50251_9585.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_101553_000004593107_00238_50252_9587.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_102758_000002833107_00238_50252_9615.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_103443_000007493107_00238_50252_9617.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_111224_000001693107_00238_50252_9616.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_112154_000000963107_00238_50252_9619.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_112617_000000903107_00238_50252_9622.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_115530_000002293107_00239_50253_9621.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_120322_000001083107_00239_50253_9624.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_123008_000003863107_00239_50253_9658.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_124450_000000783107_00239_50253_9659.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_125115_000003383107_00239_50253_9660.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_130226_000000783107_00239_50253_9663.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_130813_000000963107_00239_50253_9662.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_130957_000005553107_00239_50253_9666.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_132857_000010513107_00240_50254_9669.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_134513_000003803107_00240_50254_9691.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_140719_000002113107_00240_50254_9692.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_141231_000003803107_00240_50254_9693.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_141859_000001263107_00240_50254_9689.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_142504_000000783107_00240_50254_9690.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_143233_000006893107_00240_50254_9700.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_144942_000002293107_00240_50254_9698.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_145649_000002113107_00240_50254_9697.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_150213_000001503107_00241_50255_9695.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_150545_000008283107_00241_50255_9708.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_152312_000002893107_00241_50255_9726.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_153847_000000963107_00241_50255_9727.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_160517_000008403107_00241_50255_9729.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20111009_164350_000010693107_00242_50256_9730.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_170027_000002113107_00242_50256_9756.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_170736_000000903107_00242_50256_9755.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_171134_000001693107_00242_50256_9757.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_171606_000001263107_00242_50256_9758.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_172057_000001383107_00242_50256_9759.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_175133_000004593107_00242_50256_9761.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_182442_000008403107_00243_50257_9763.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_183743_000001993107_00243_50257_9779.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_184725_000000723107_00243_50257_9780.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_185244_000001203107_00243_50257_9781.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_192546_000000723107_00243_50257_9782.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_193344_000003143107_00243_50257_9784.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_195516_000008283107_00243_50257_9785.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20111009_201047_000002593107_00244_50258_9787.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_1PNPDE20111009_084858_000000433107_00237_50251_9416.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20111009_085713_000000693107_00237_50251_9426.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111009_070852_000003213107_00236_50250_9528.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20111009_215424_000000373107_00245_50259_9813.N1	OK	OK	OK	OK

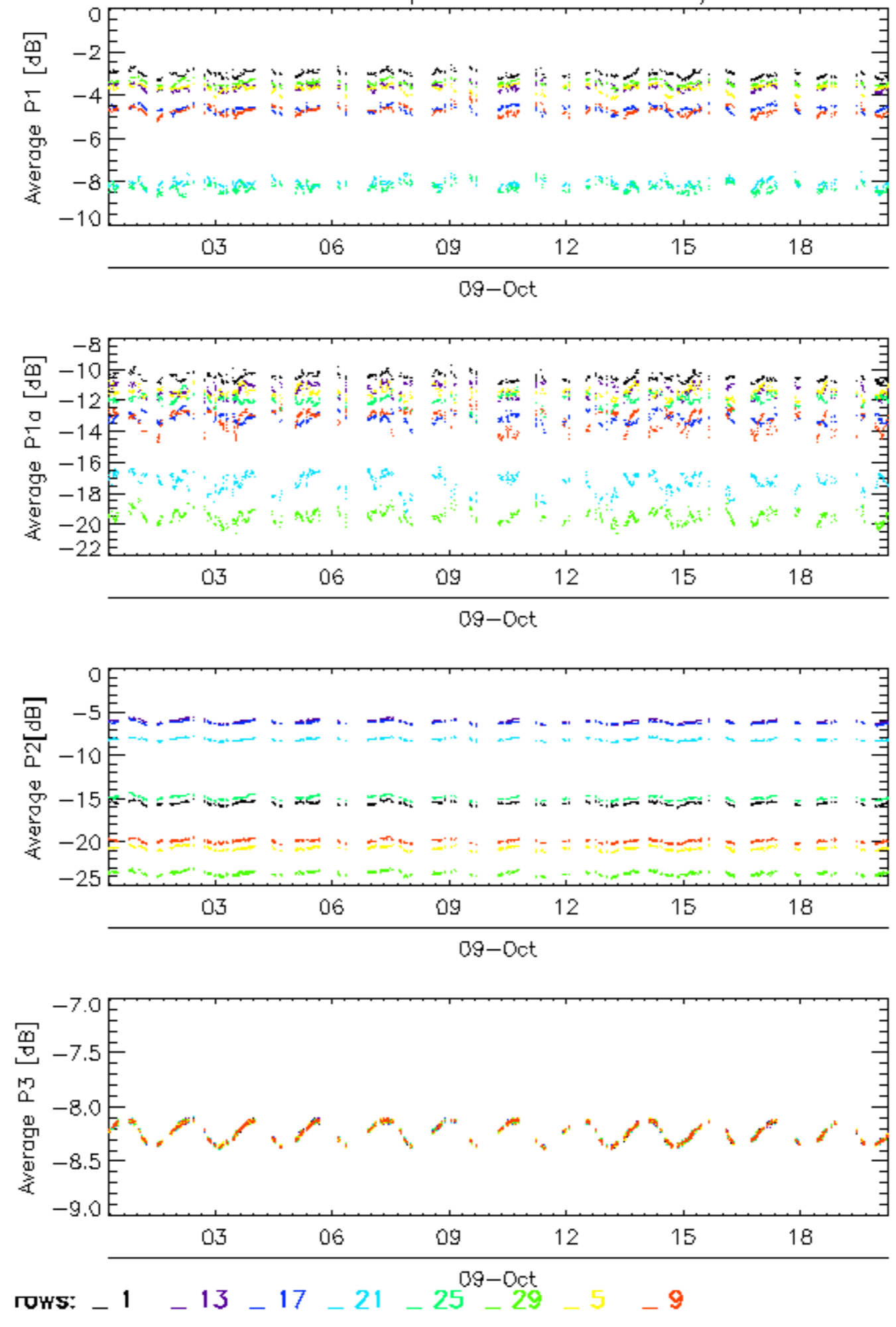
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20111009_001302_000002083107_00232_50246_9238.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_001902_000002083107_00232_50246_9239.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_010501_000001593107_00232_50246_9236.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_011554_000003923107_00232_50246_9240.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_024530_000001843107_00233_50247_9297.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_025516_000002513107_00233_50247_9298.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_042436_000002263107_00234_50248_9305.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_043357_000003923107_00234_50248_9336.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_051650_000002083107_00235_50249_9337.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_060327_000003433107_00235_50249_9365.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_061240_000004533107_00235_50249_9393.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_073350_000003063107_00236_50250_9397.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_085010_000001223107_00237_50251_9422.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20111009_090337_000002883107_00237_50251_9428.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_032003_000004533107_00234_50248_9456.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_074635_000001903107_00236_50250_9537.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_075619_000002323107_00236_50250_9536.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_092444_000004103107_00237_50251_9598.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_093554_000002883107_00237_50251_9596.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_120519_000003733107_00239_50253_9635.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_124751_000001903107_00239_50253_9668.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_125656_000003123107_00239_50253_9672.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_140309_000001903107_00240_50254_9688.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_151938_000002083107_00241_50255_9709.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_154029_000003923107_00241_50255_9746.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_170359_000002143107_00242_50256_9740.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_184107_000001533107_00243_50257_9769.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20111009_201508_000002513107_00244_50258_9793.N1					OK	OK	OK	OK

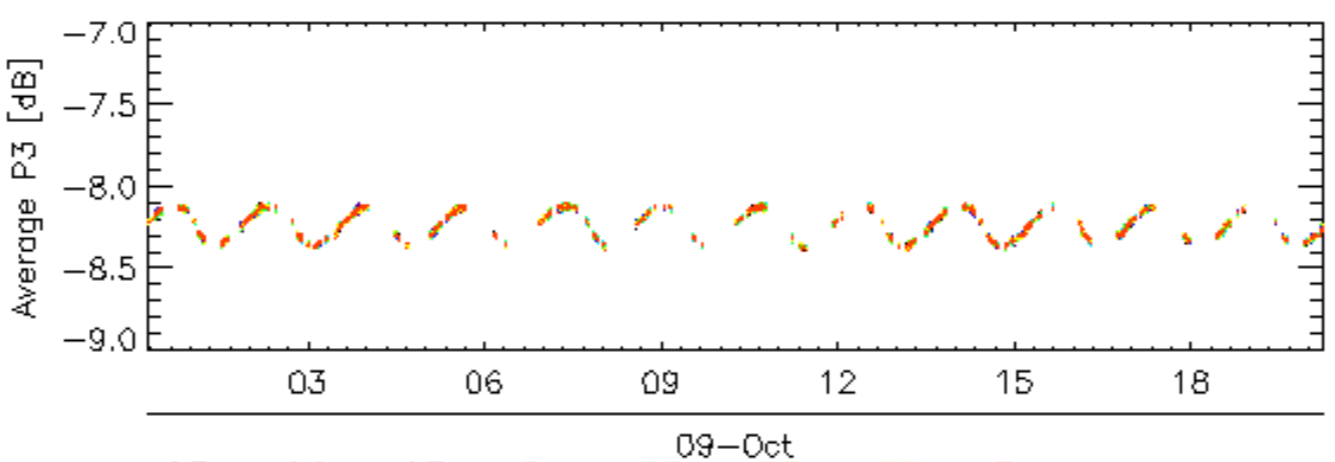
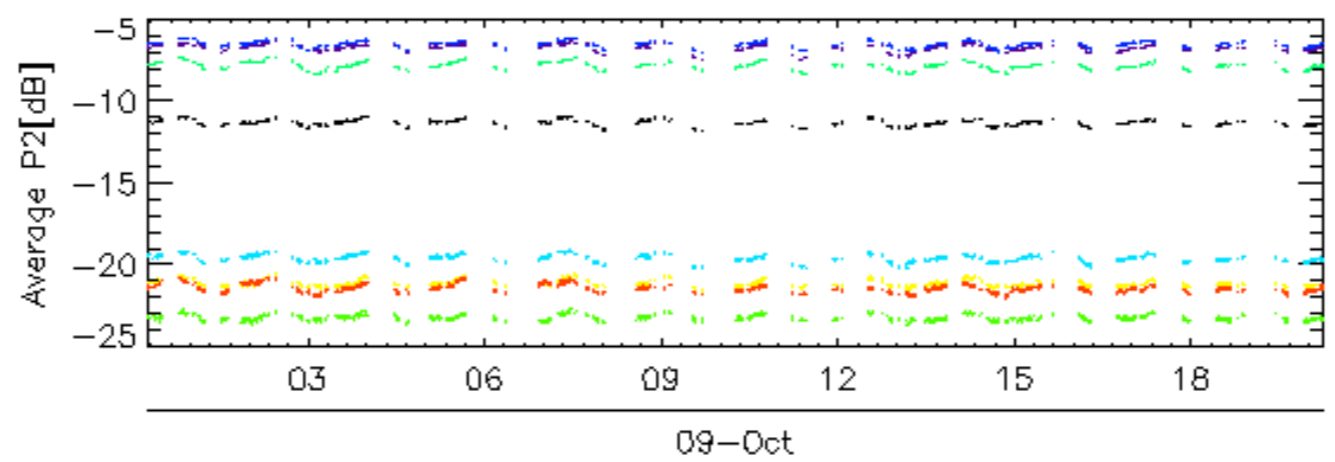
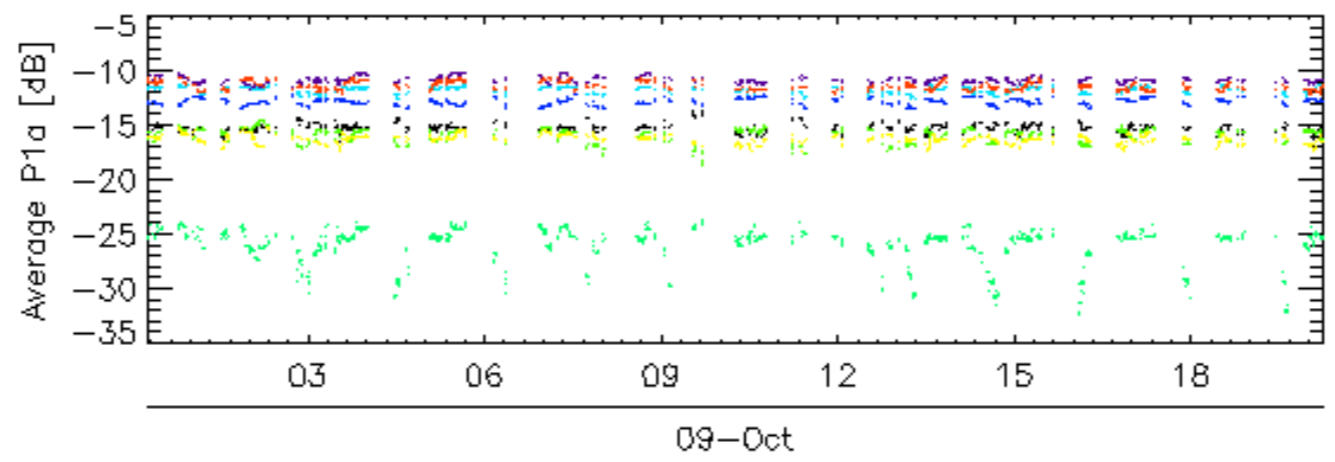
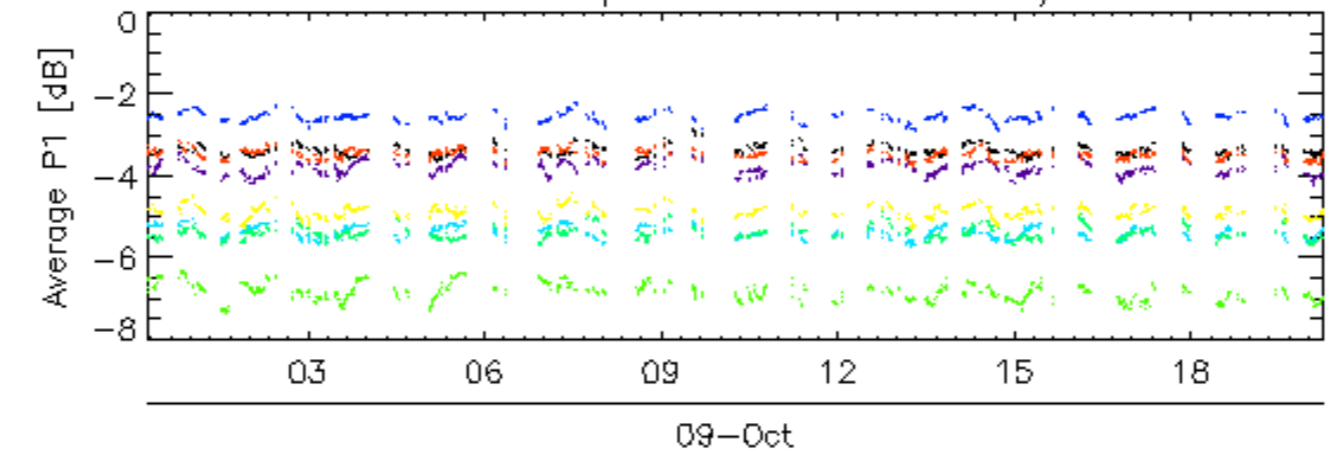
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDE20111009_003117_000009643107_00232_50246_9247.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_005711_000003153107_00232_50246_9251.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_012227_000002253107_00232_50246_9250.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_012527_000002853107_00232_50246_9301.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_013905_000007193107_00233_50247_9318.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_022258_00000443107_00233_50247_9317.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_023031_000007343107_00233_50247_9311.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_030225_000001803107_00233_50247_9308.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_040222_000008693107_00234_50248_9307.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_041637_000002103107_00234_50248_9348.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_044239_000011693107_00234_50248_9354.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_054152_000010493107_00235_50249_9356.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_055906_000002253107_00235_50249_9395.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_062254_000018593107_00235_50249_9405.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20111009_073856_000001803107_00236_50250_9408.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_074141_000001053107_00236_50250_9543.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_080308_000018593107_00236_50250_9541.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_091005_000008093107_00237_50251_9583.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_094321_000019043107_00237_50251_9588.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_104713_000009743107_00238_50252_9620.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_112335_000001203107_00238_50252_9618.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_112754_000016043107_00238_50252_9623.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_121830_000006593107_00239_50253_9657.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_123637_000004503107_00239_50253_9661.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_130349_000002253107_00239_50253_9664.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_131911_000003143107_00239_50253_9665.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_132530_000001643107_00240_50254_9667.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_135405_000004943107_00240_50254_9694.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_142108_000001953107_00240_50254_9701.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_144403_000003003107_00240_50254_9699.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_145332_000001493107_00240_50254_9696.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_150020_000000743107_00241_50255_9702.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_154659_000010493107_00241_50255_9728.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_162408_000011393107_00241_50255_9731.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_172322_000012893107_00242_50256_9760.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_180530_000011093107_00242_50256_9762.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_185724_000016643107_00243_50257_9783.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20111009_194436_000006003107_00243_50257_9786.N1					OK	OK	OK	OK

Calibration pulses for GM1 SS3 H/H

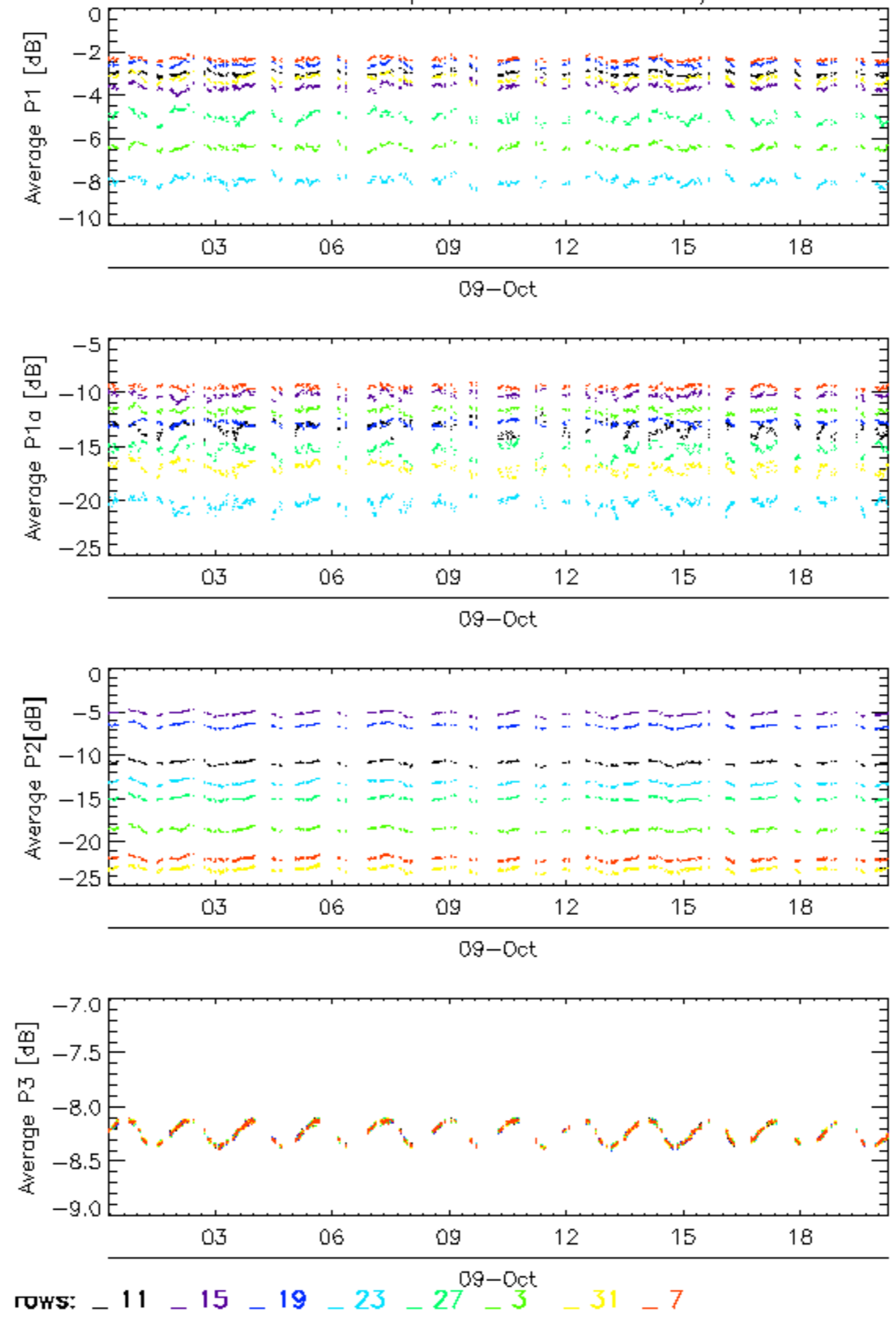


Calibration pulses for GM1 SS3 H/H

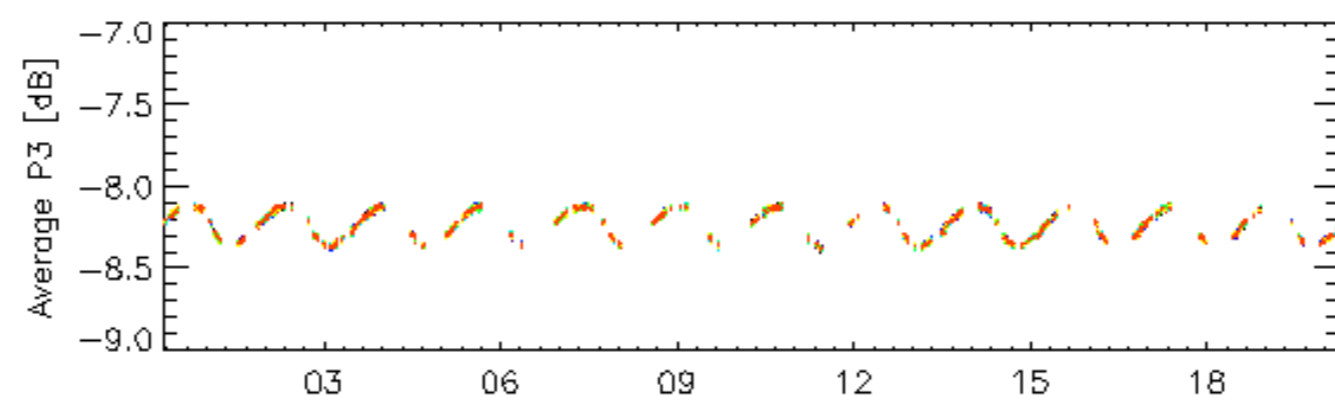
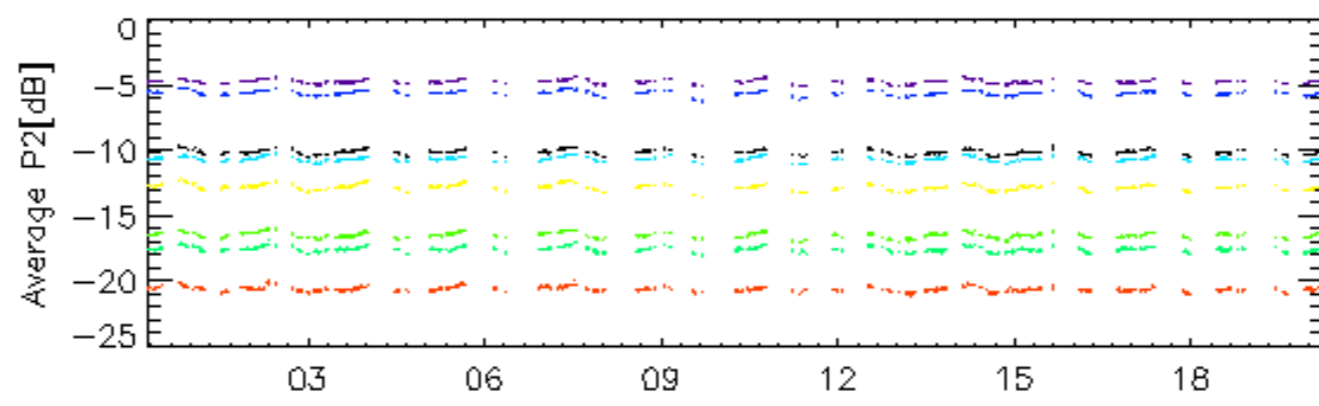
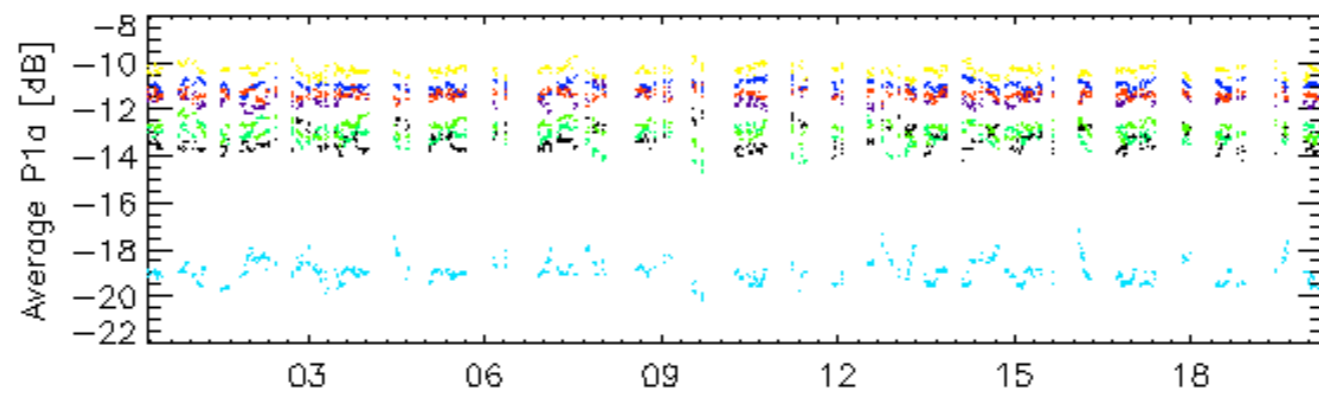
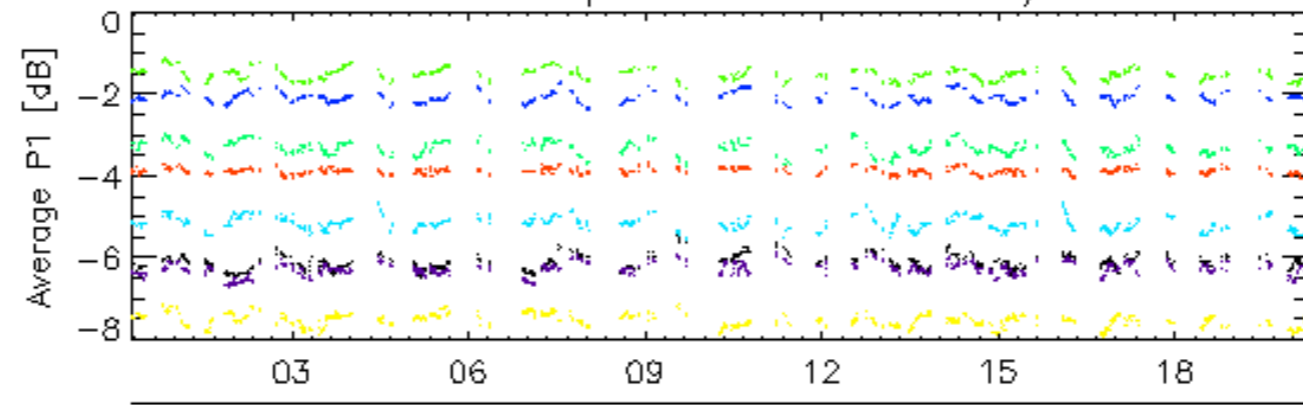


rows: 10 14 18 2 22 26 30 6

Calibration pulses for GM1 SS3 H/H

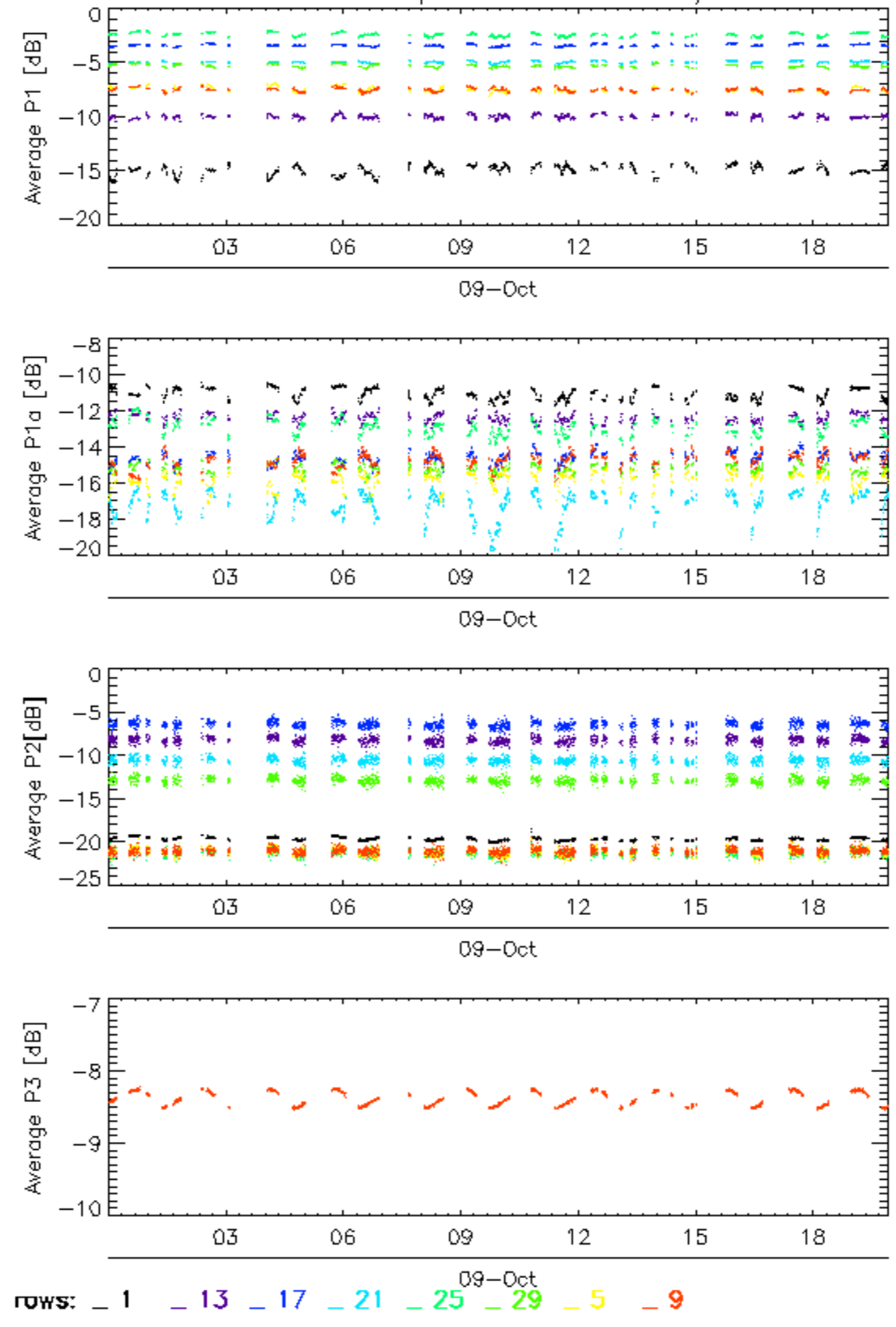


Calibration pulses for GM1 SS3 H/H

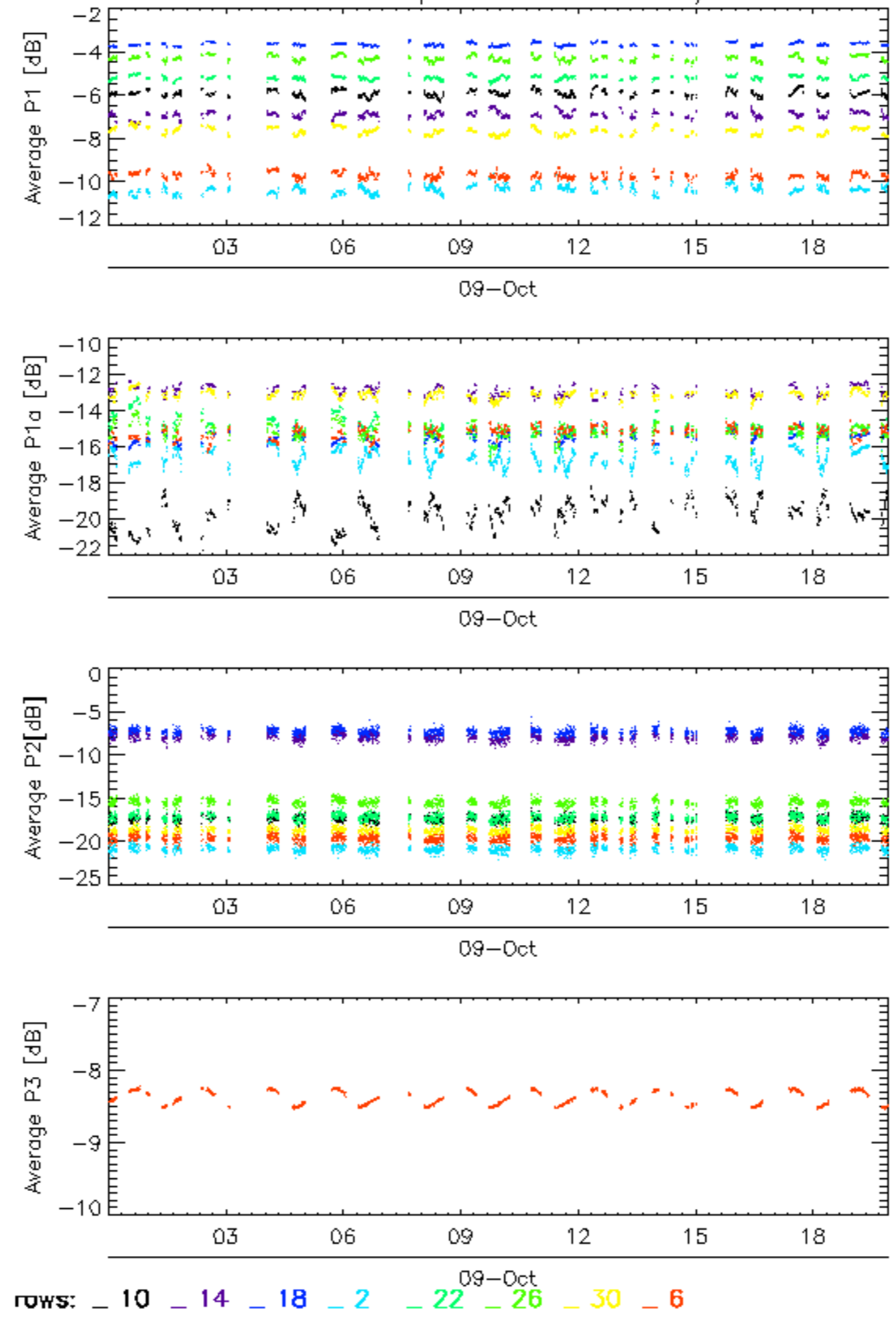


rows: 12 16 20 24 28 32 4 8

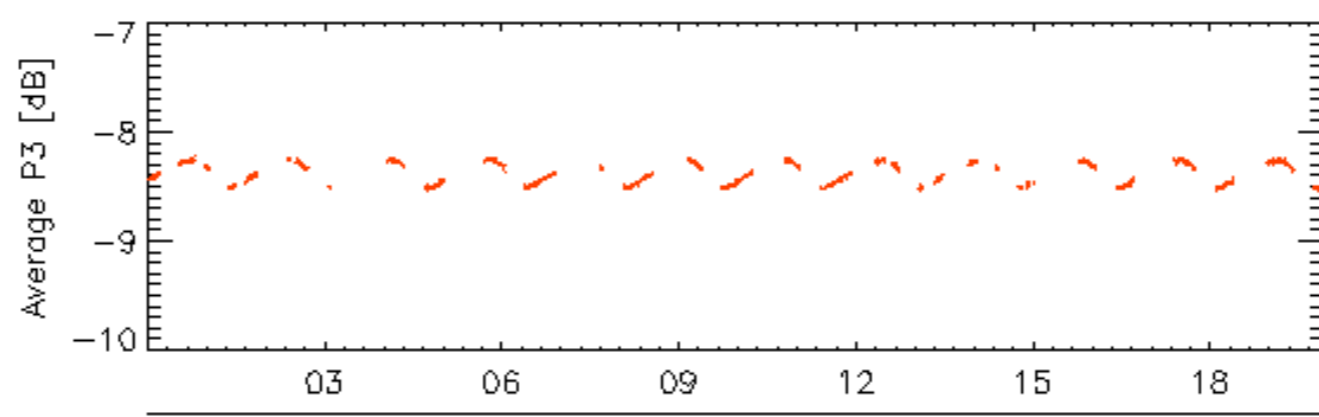
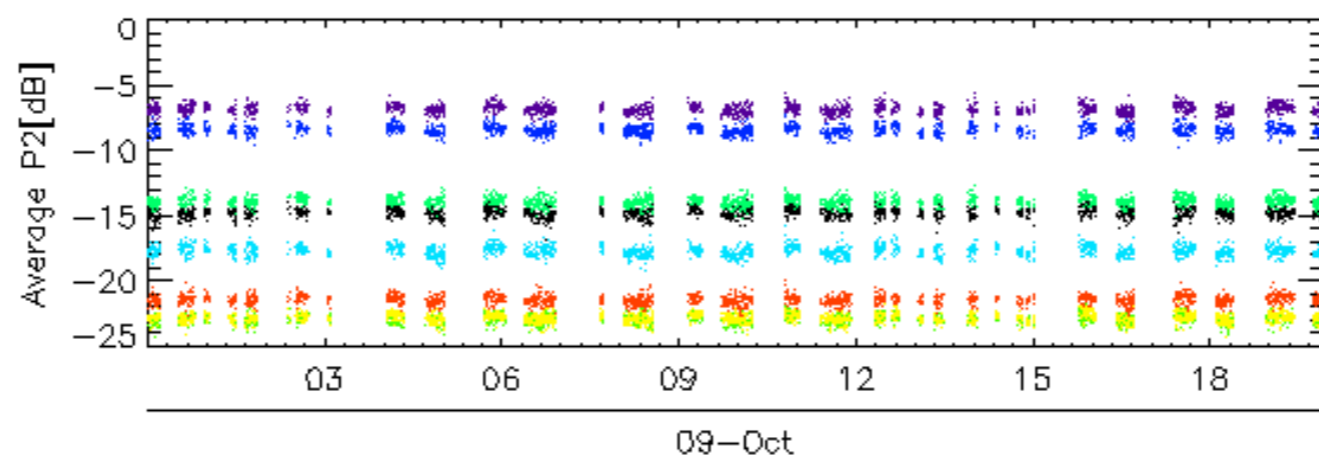
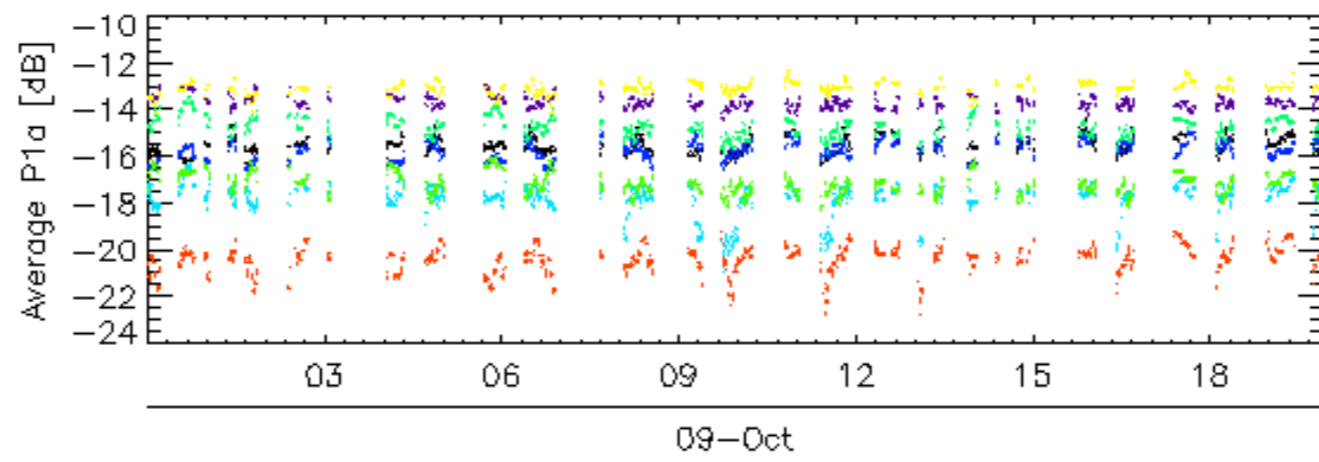
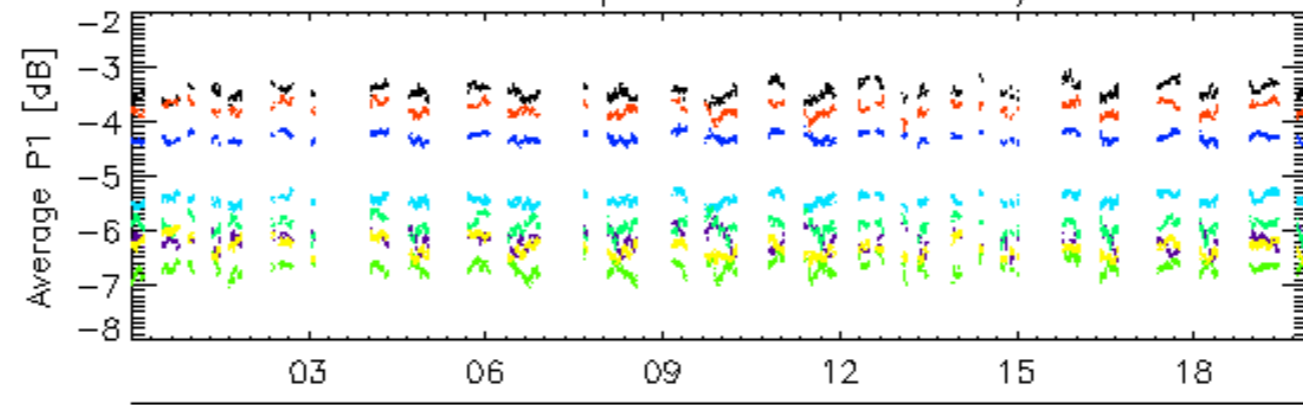
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

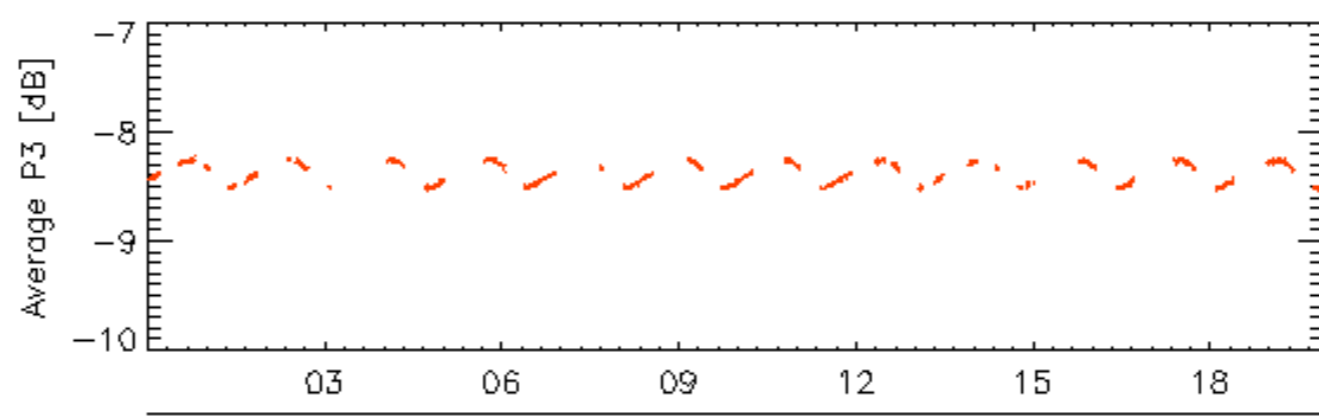
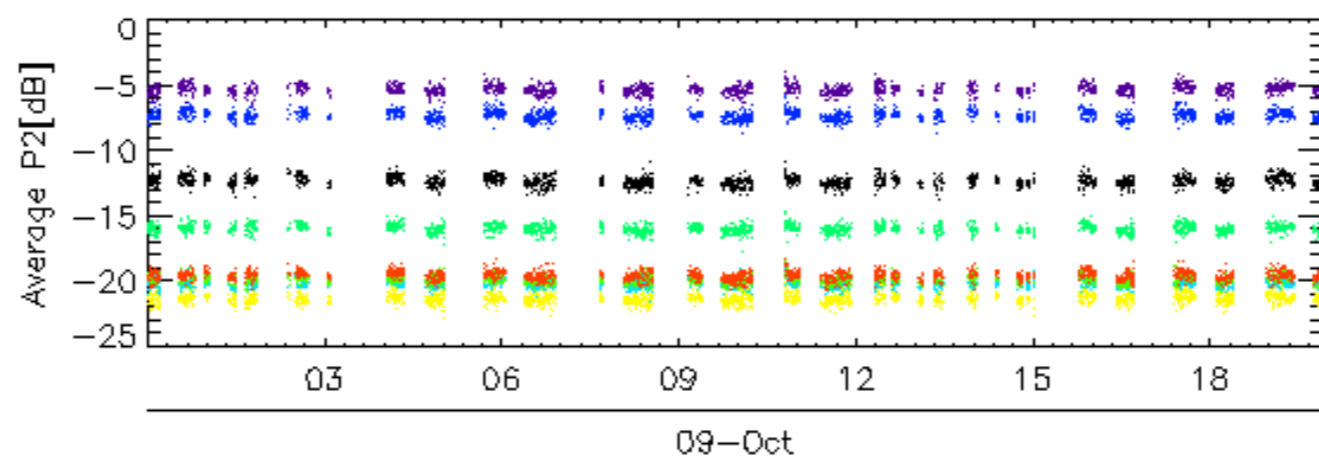
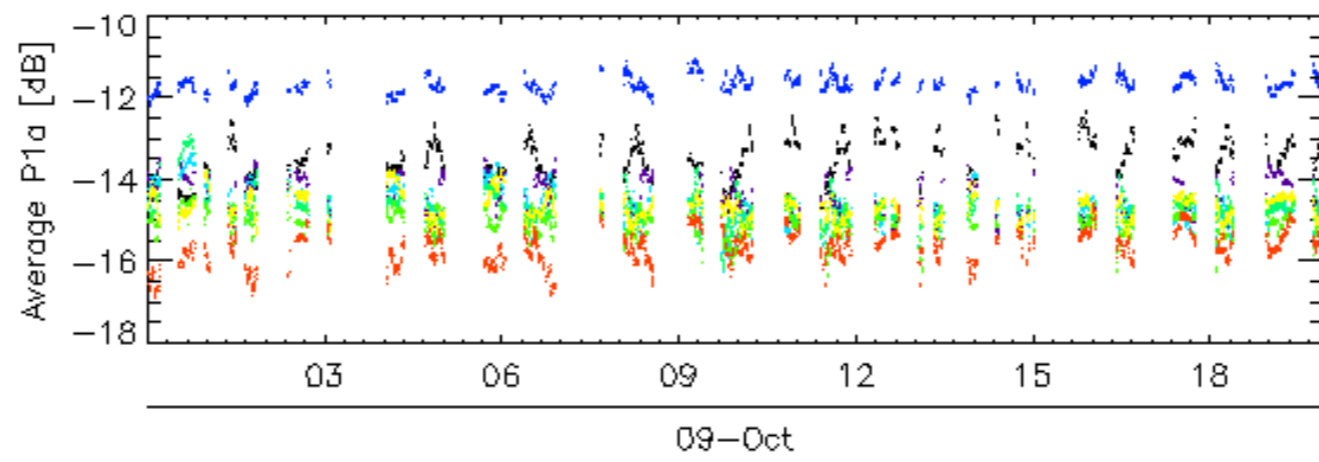
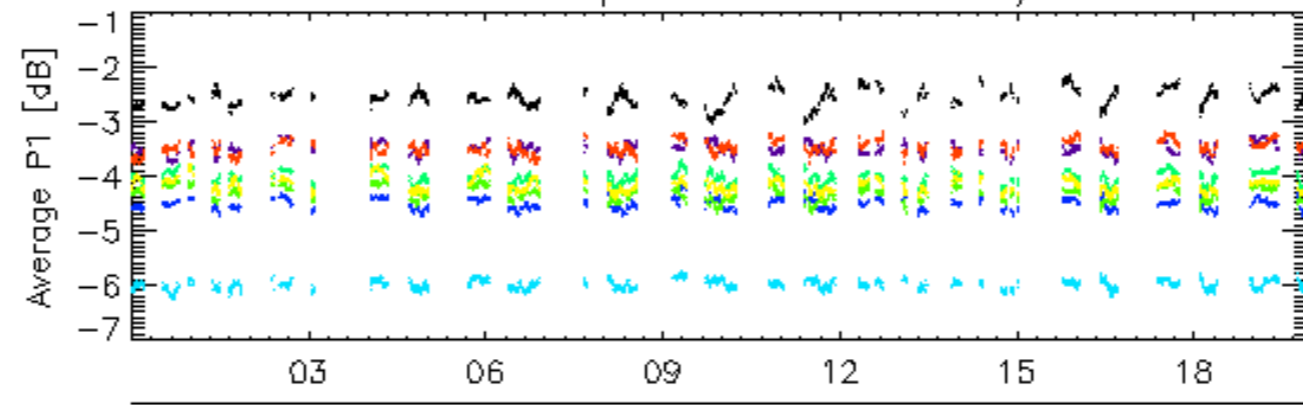


Calibration pulses for WVS IS2 V/V

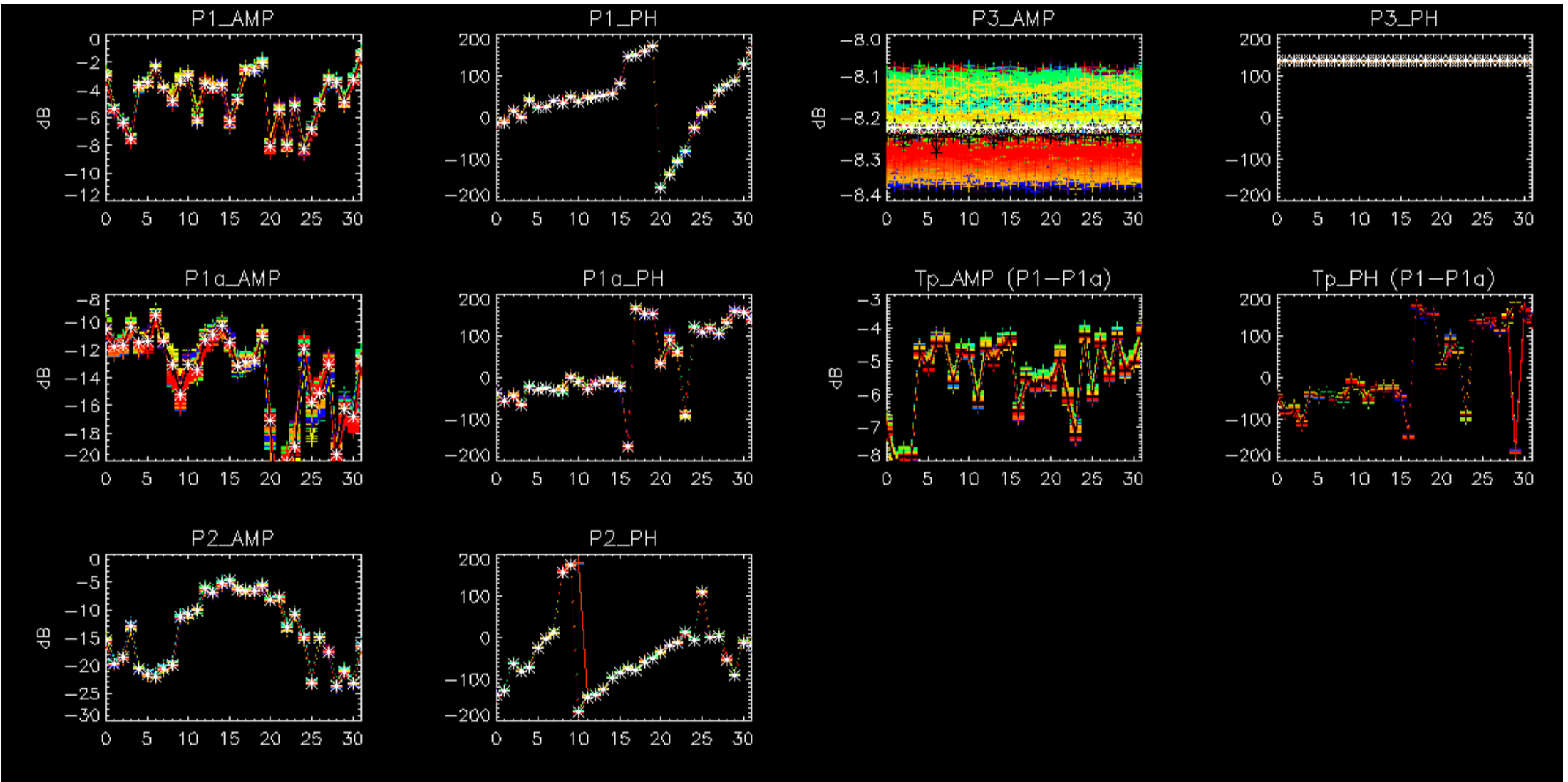


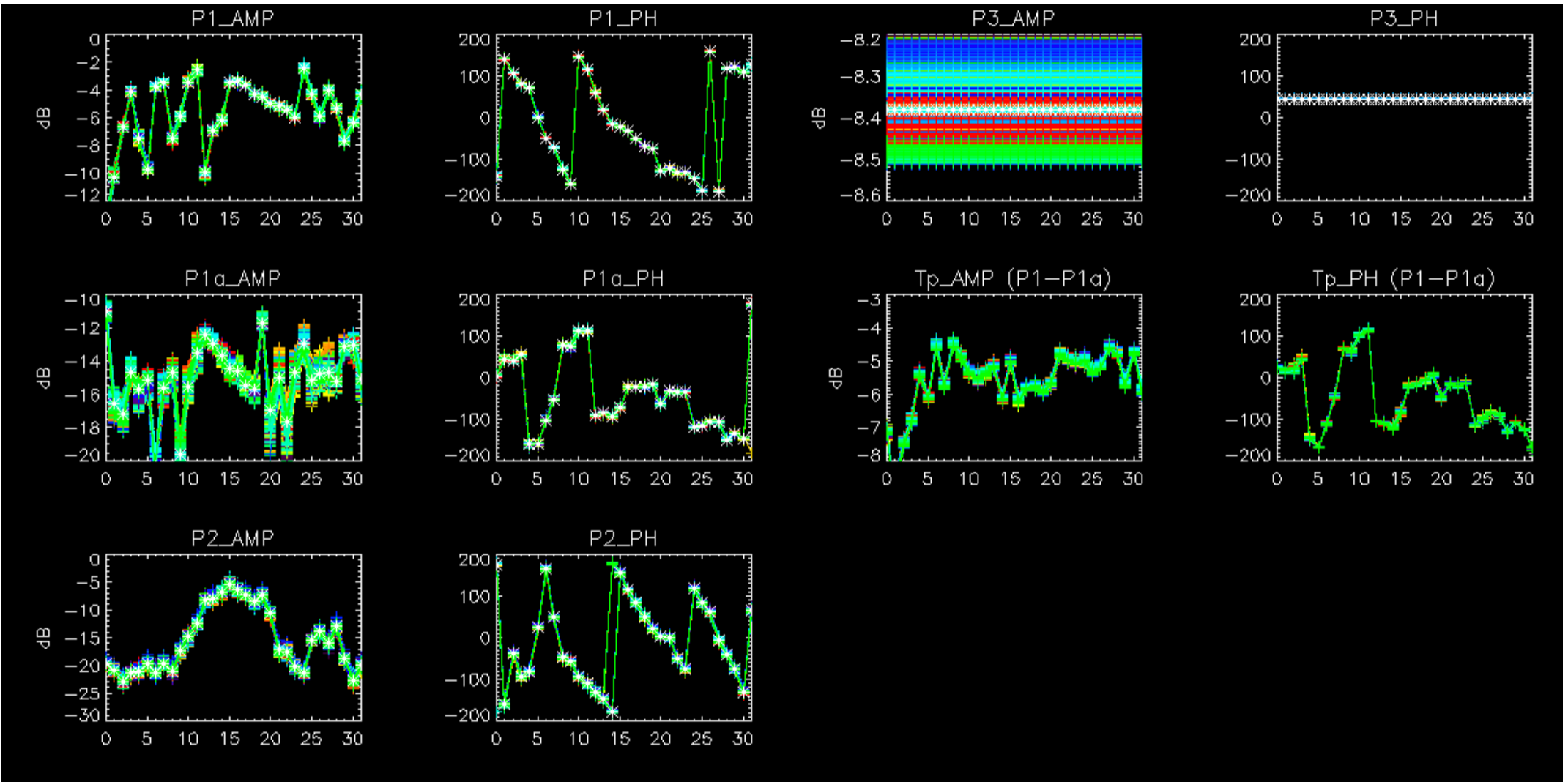
rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7

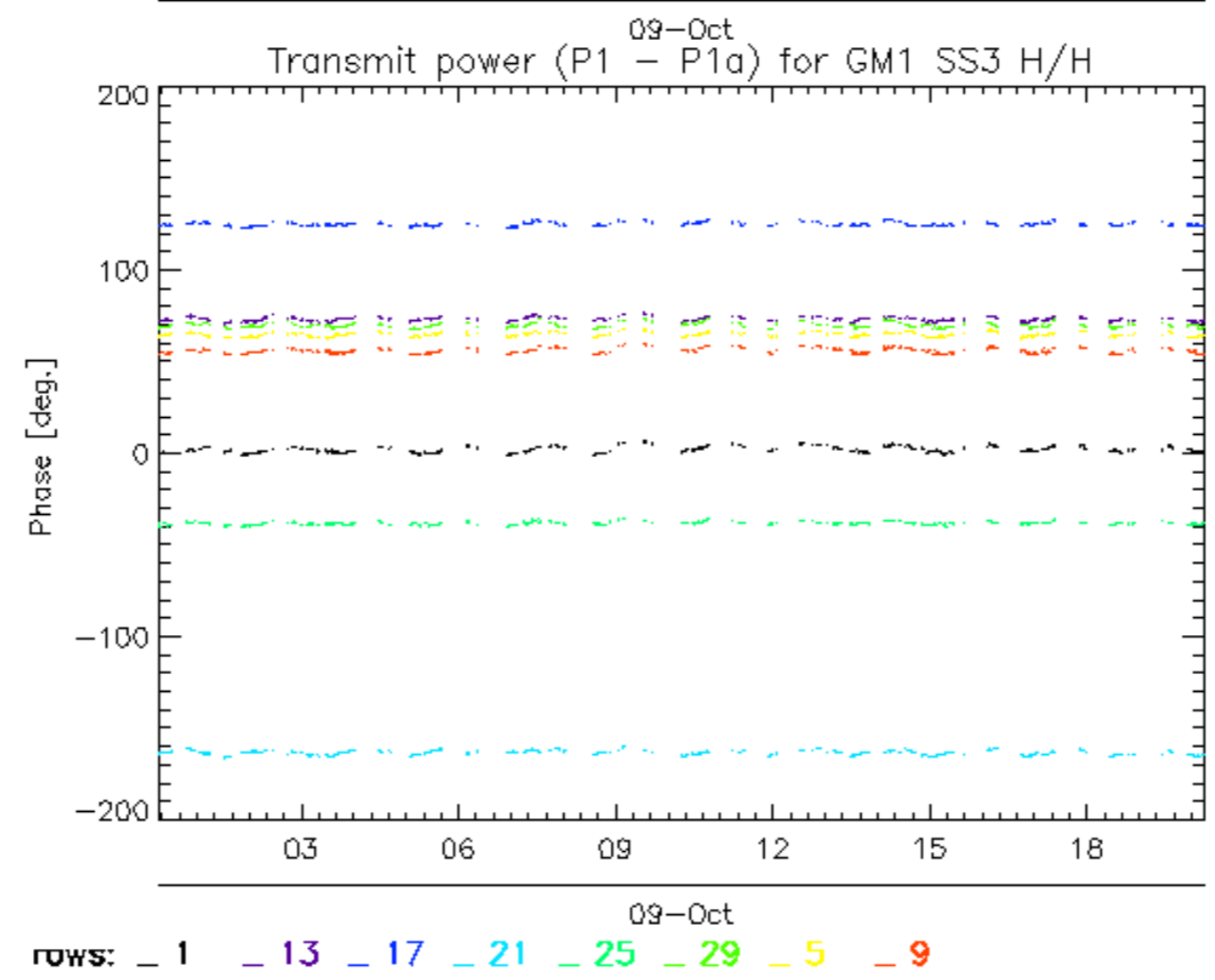
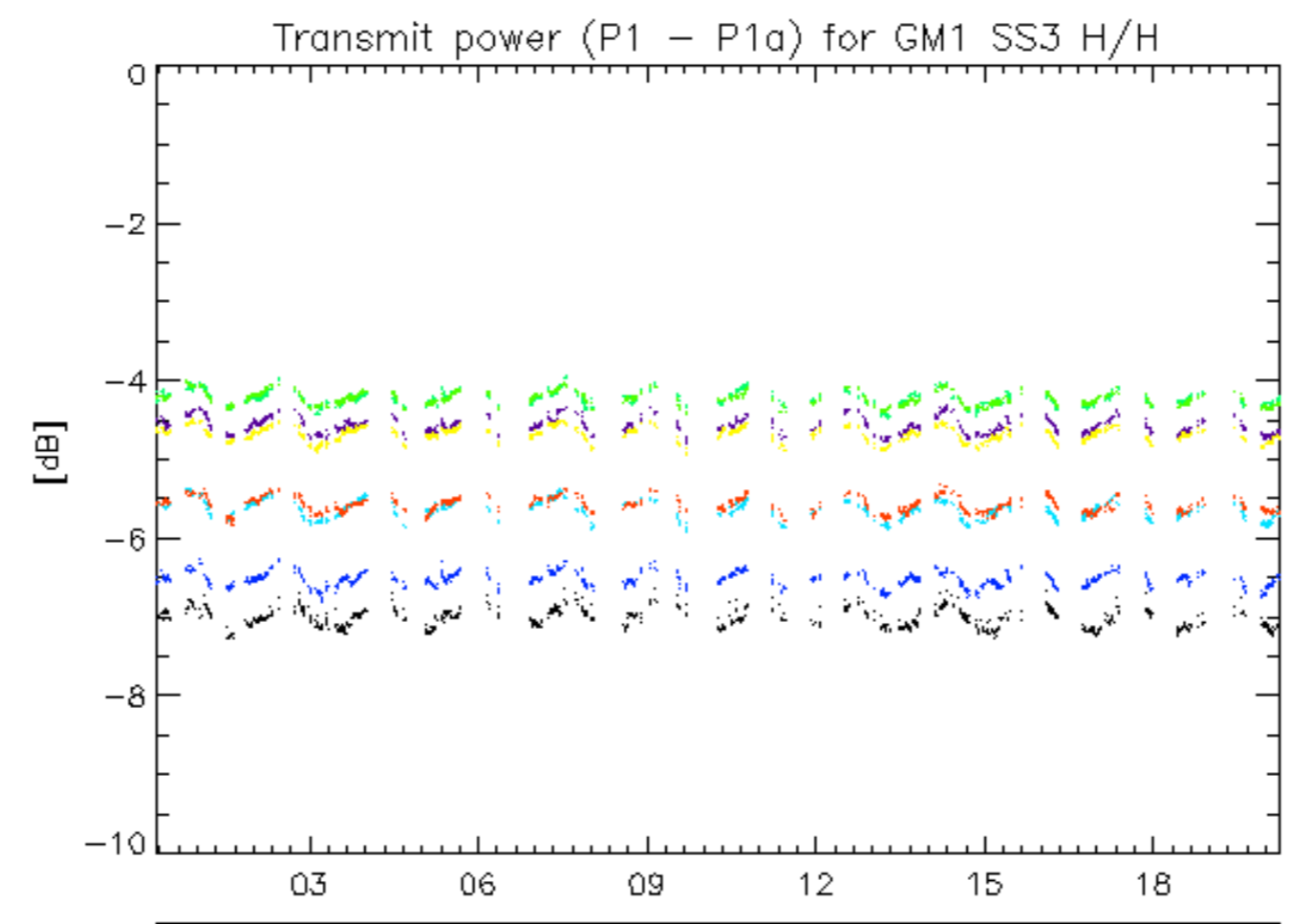
Calibration pulses for WVS IS2 V/V

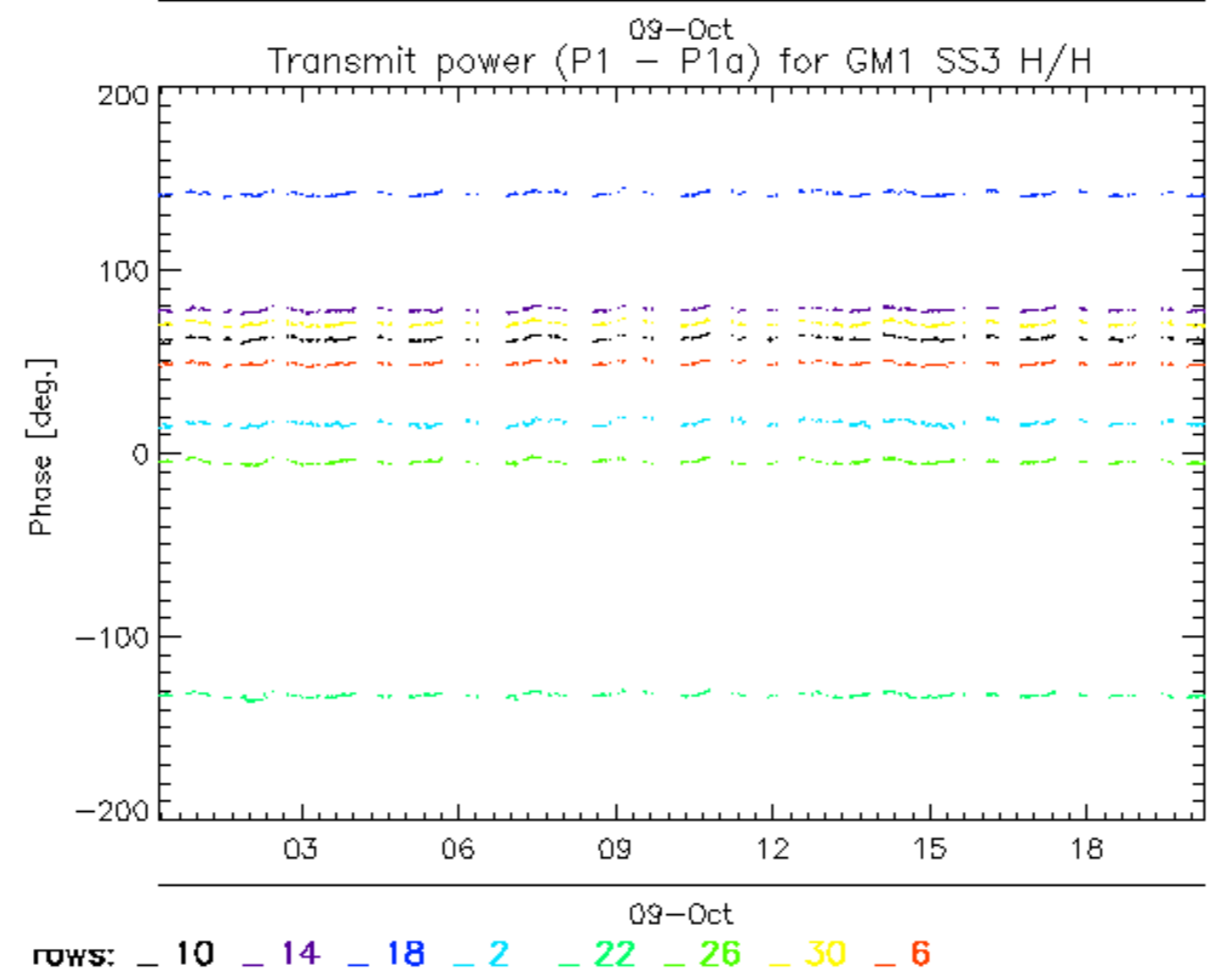
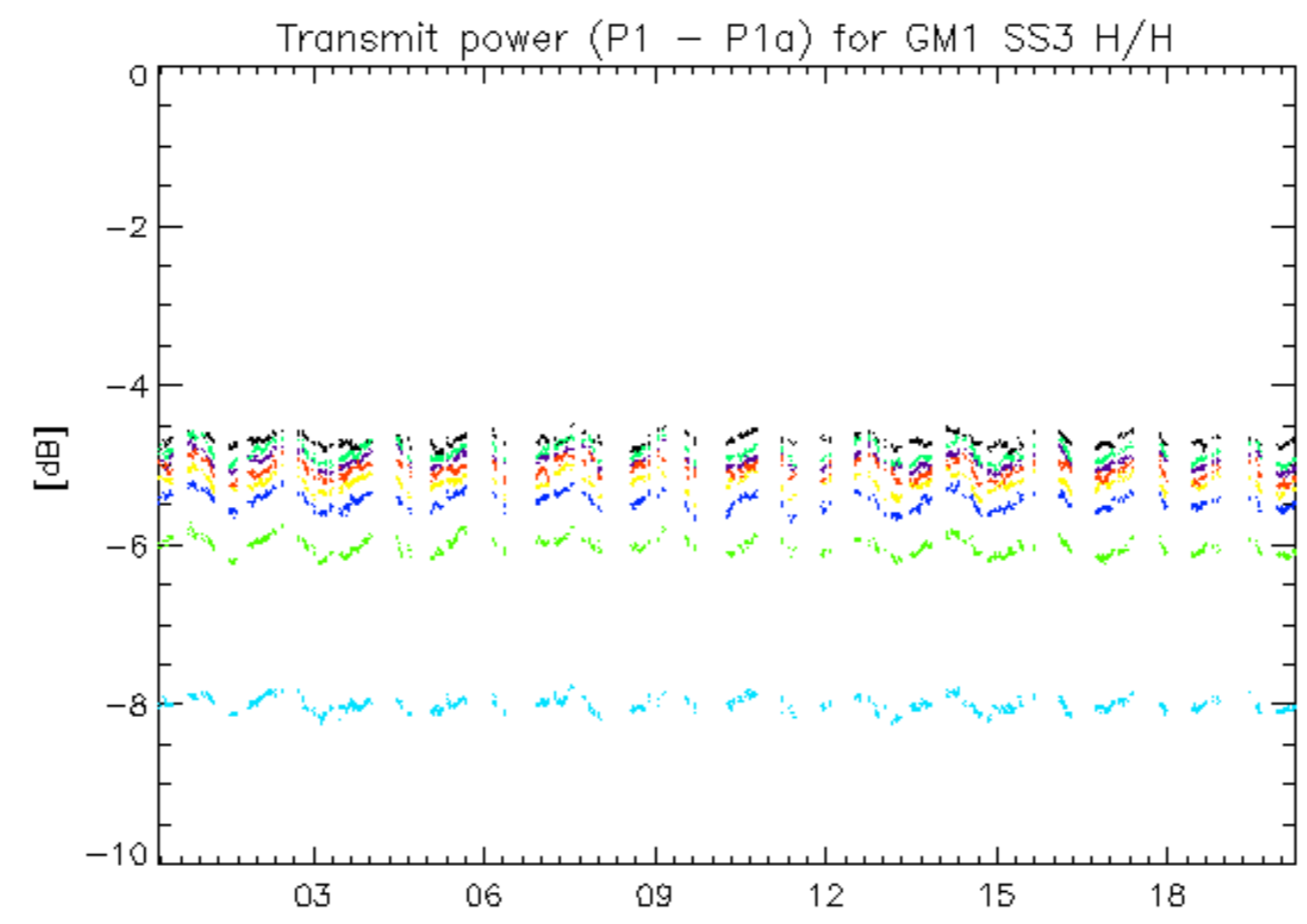


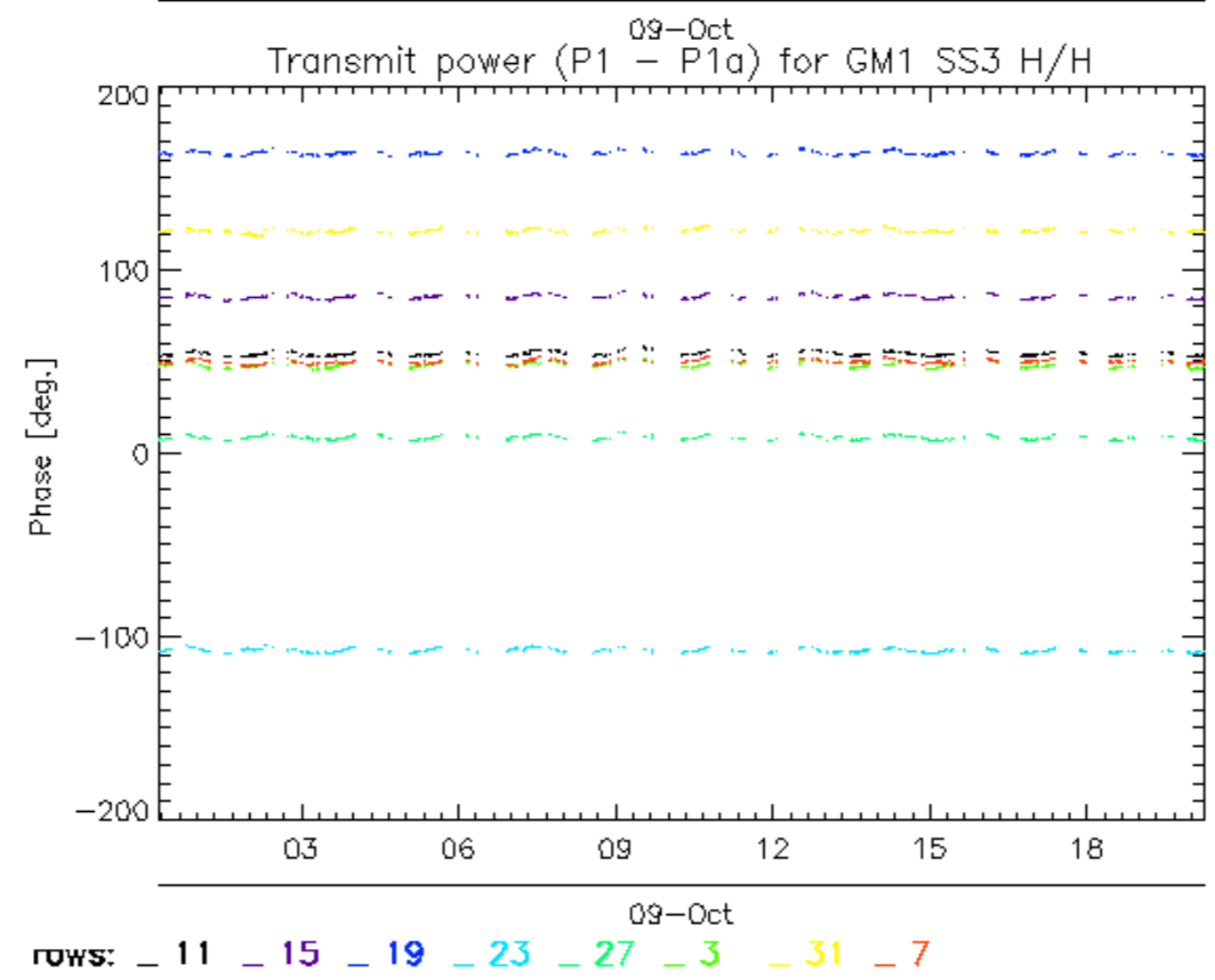
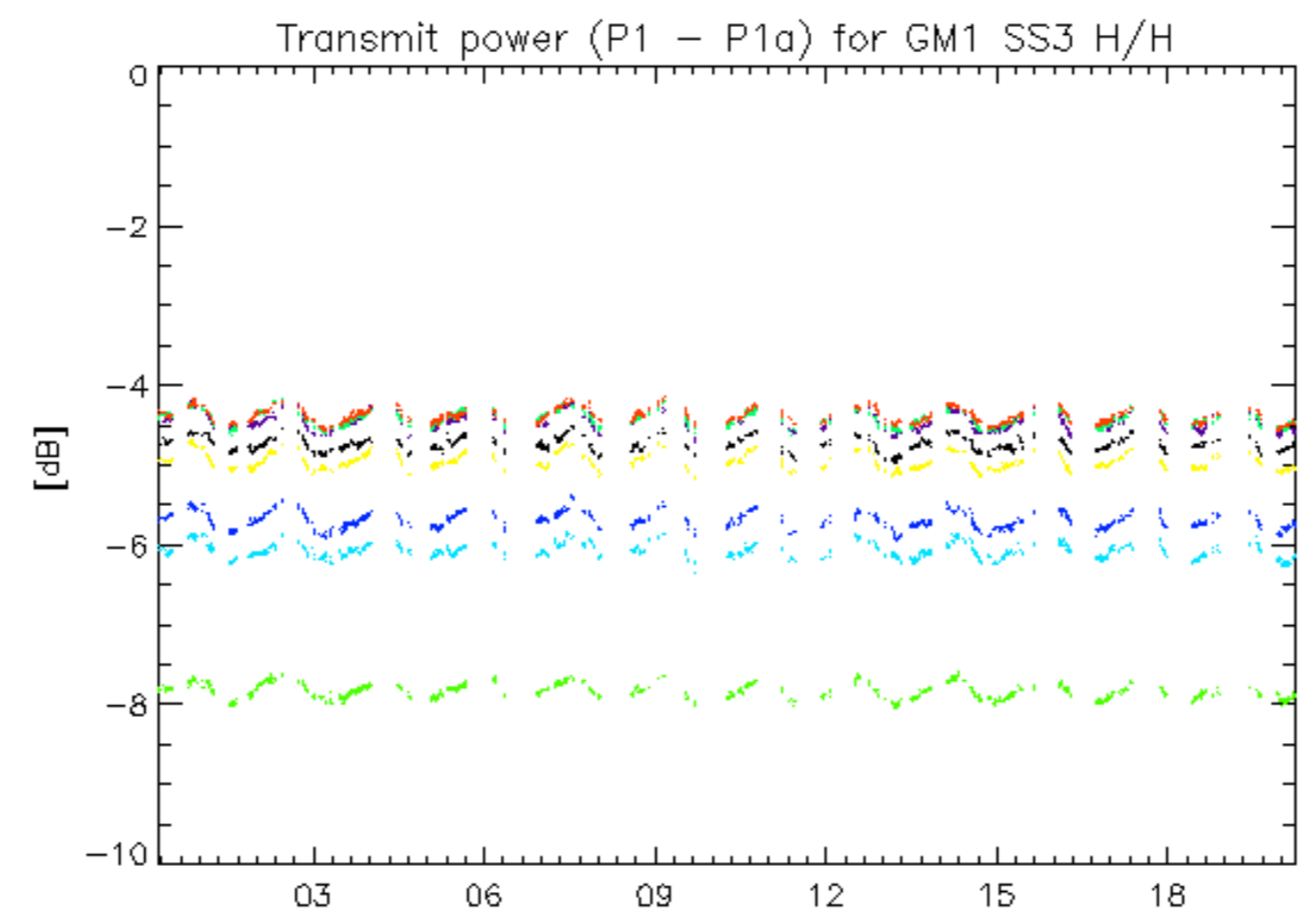
rows: 12 16 20 24 28 32 4 8

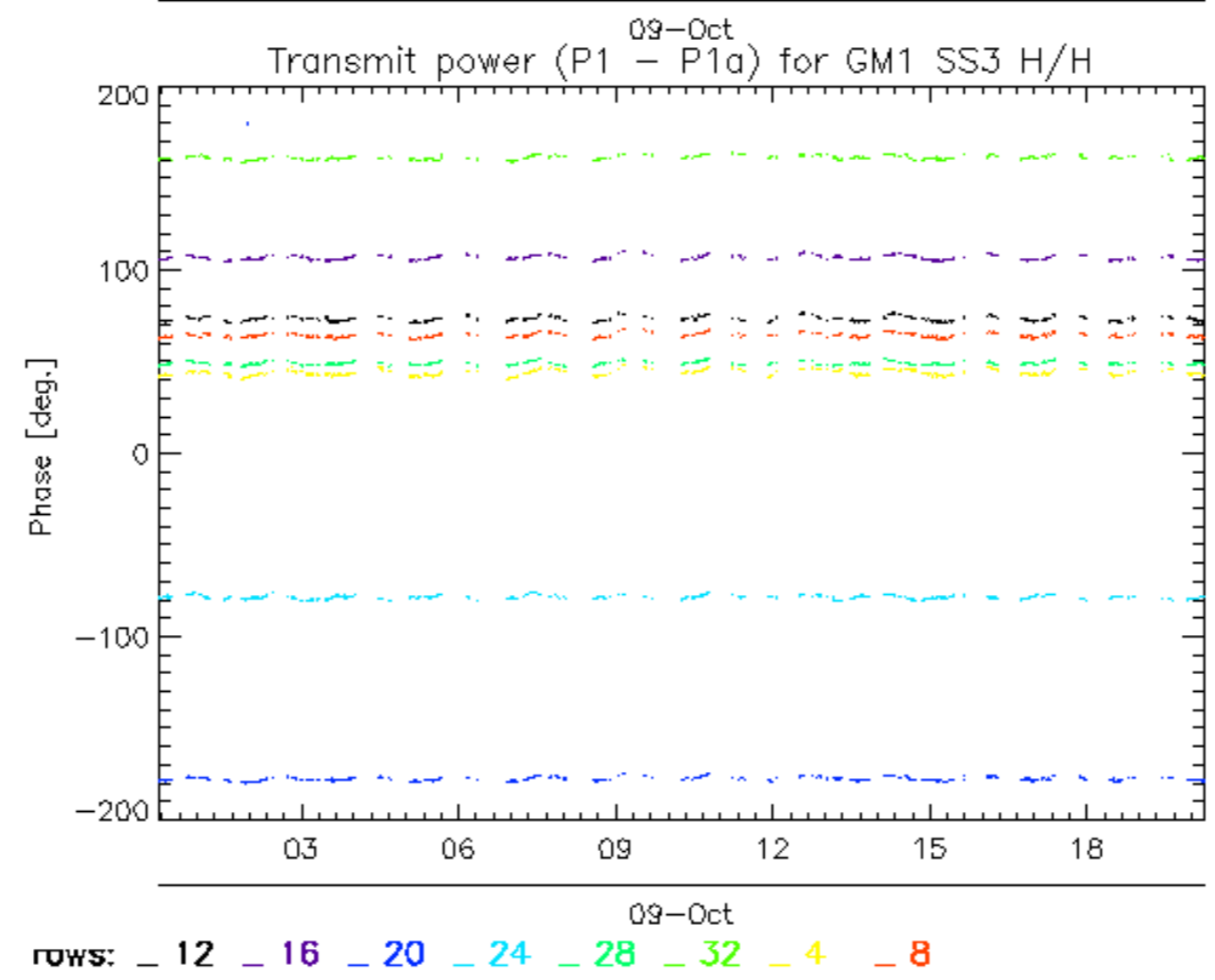
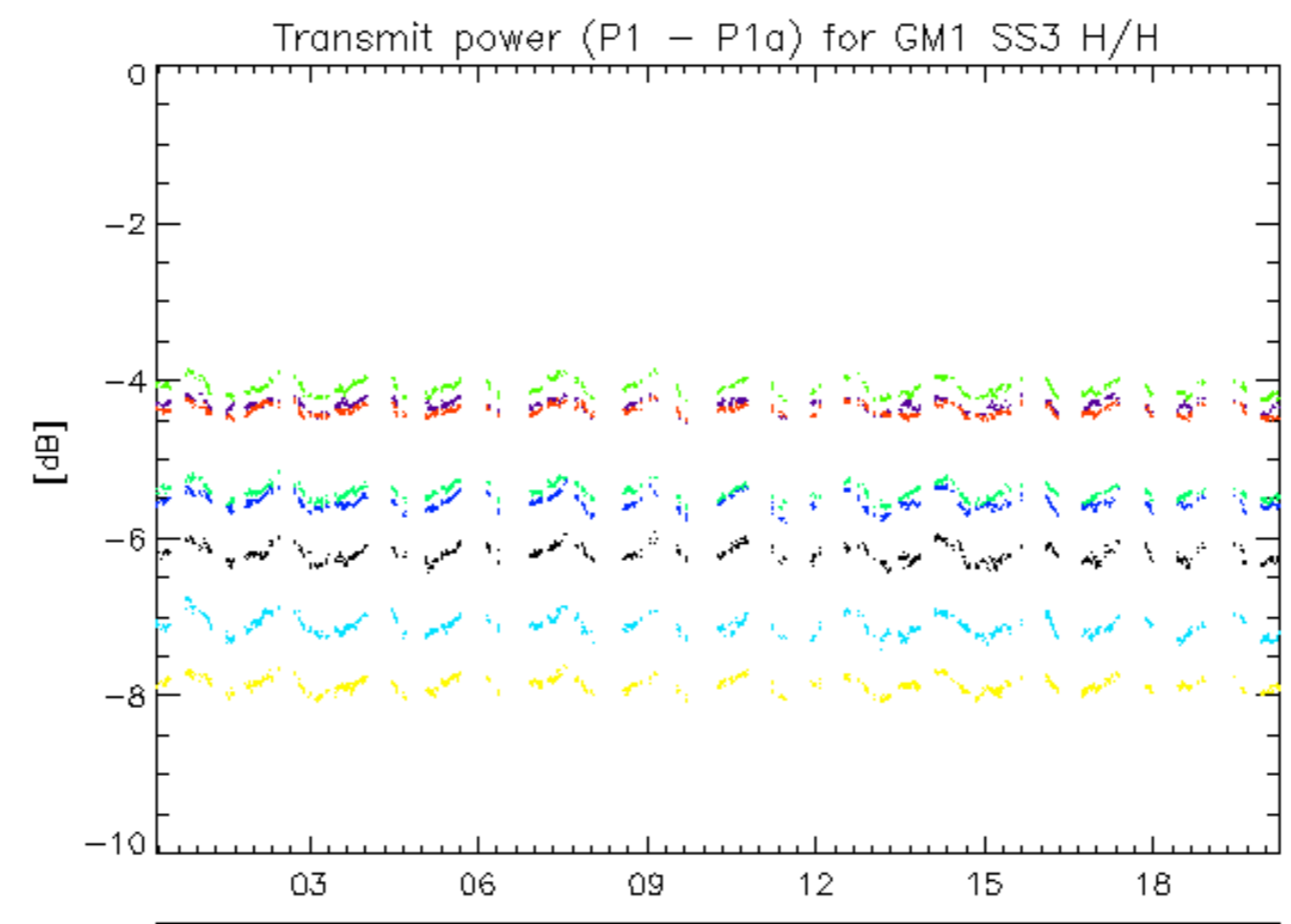


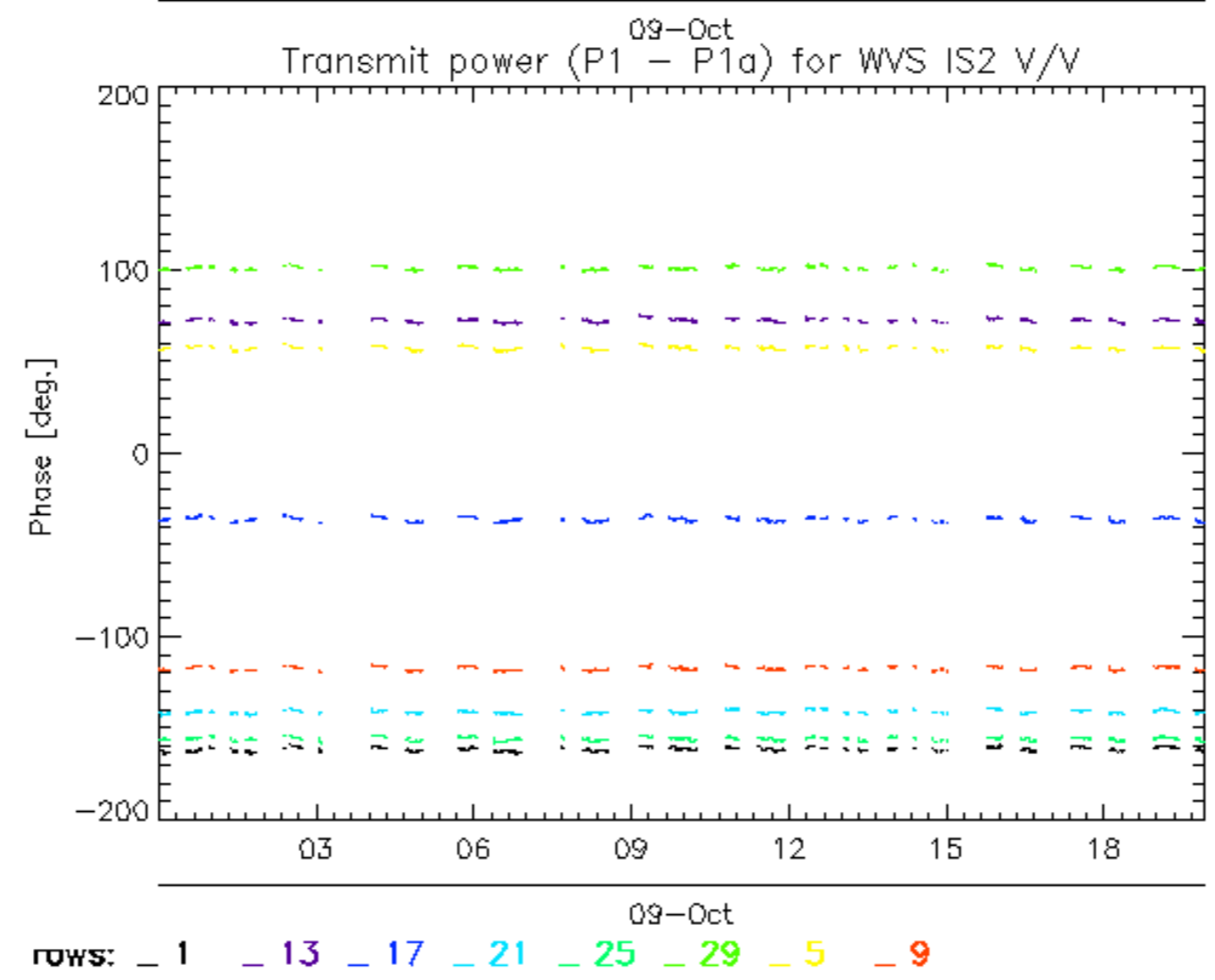
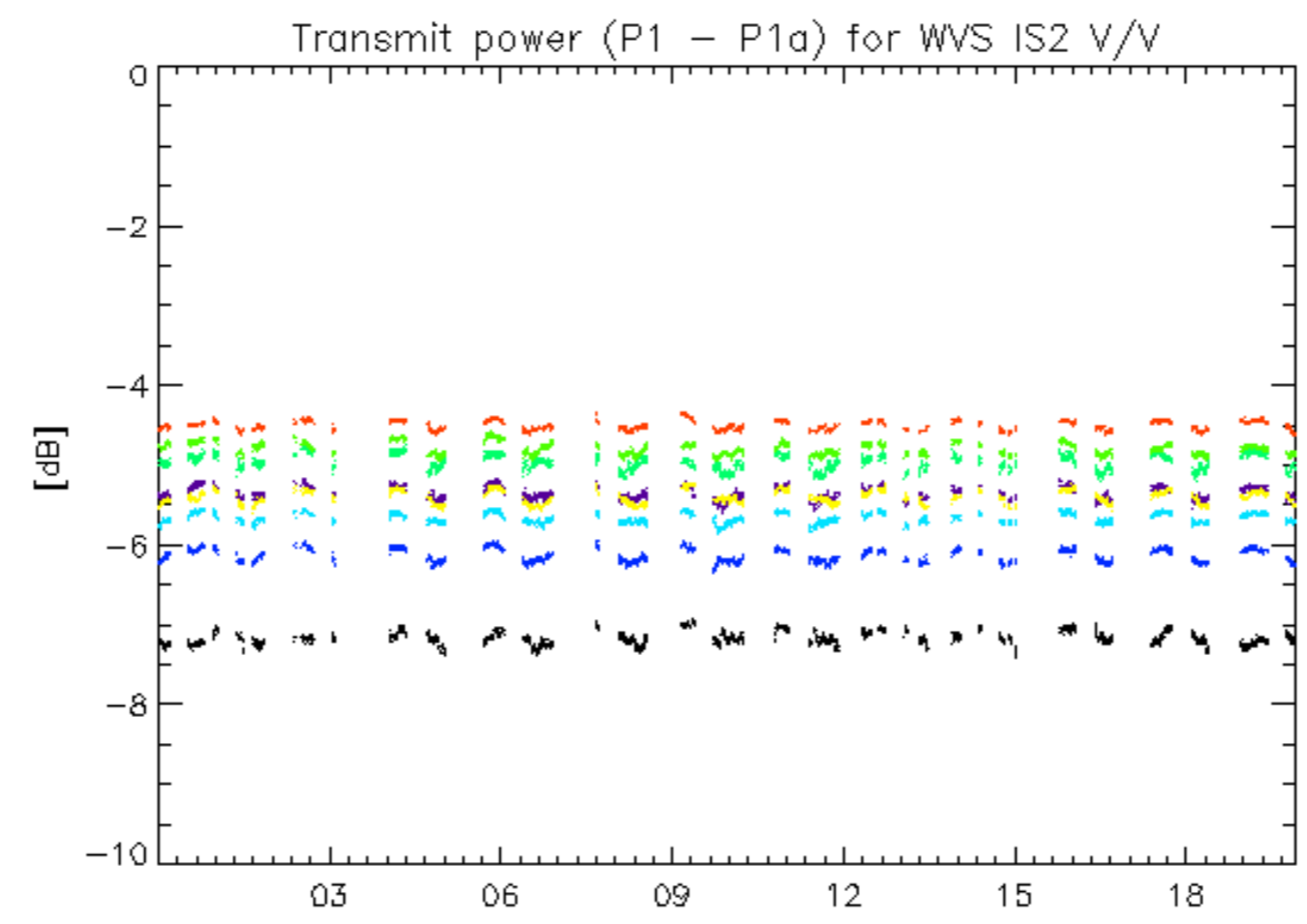


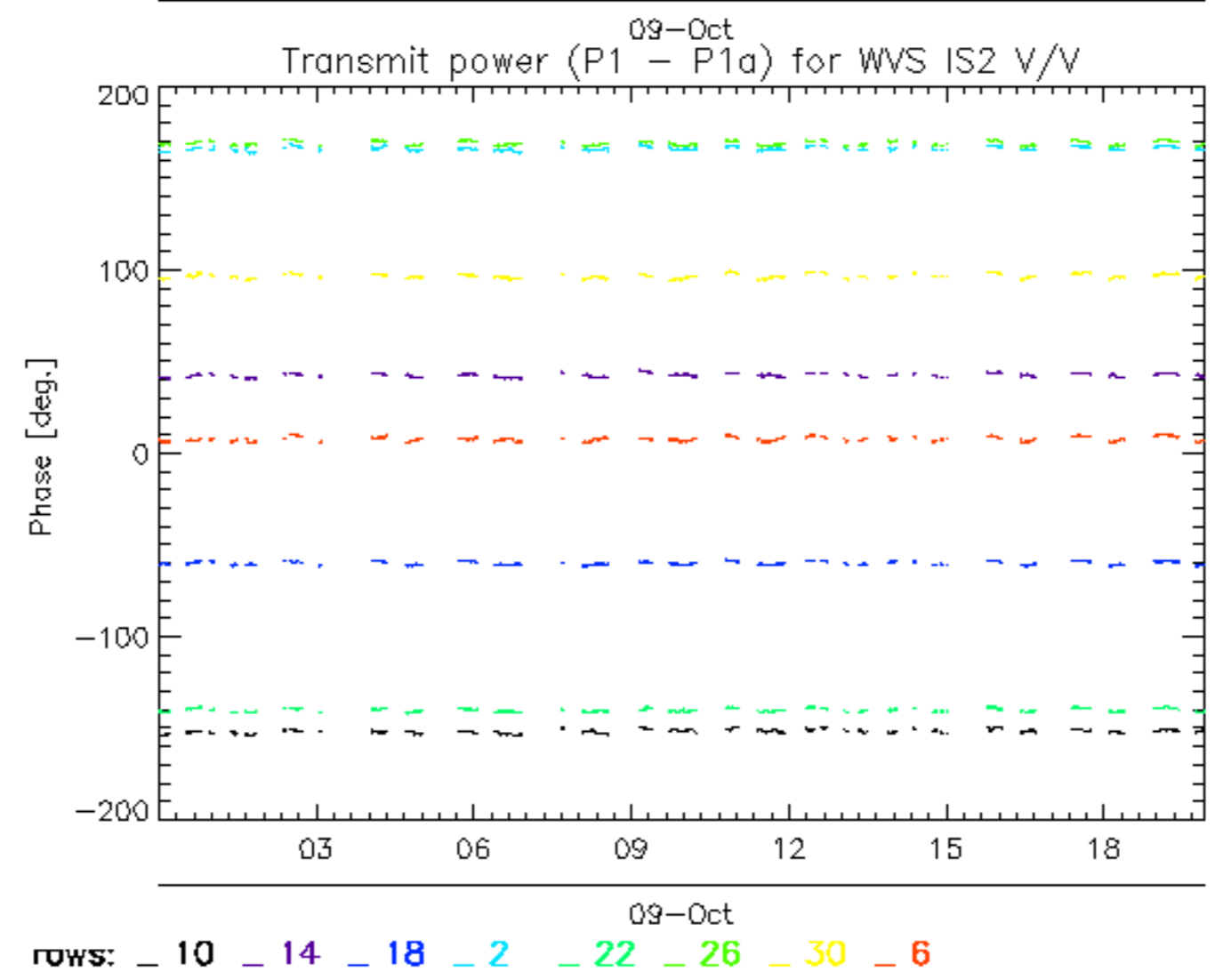
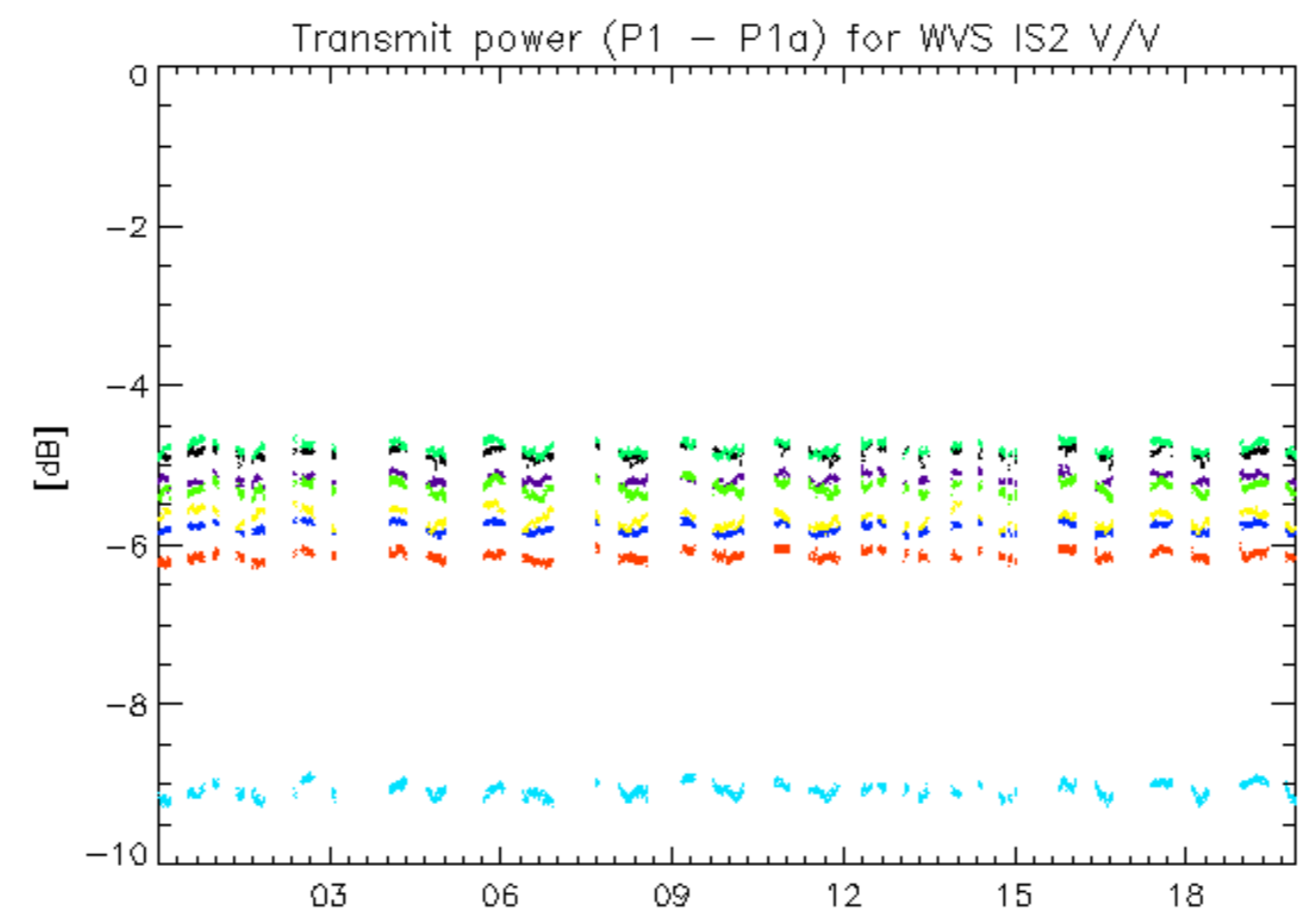


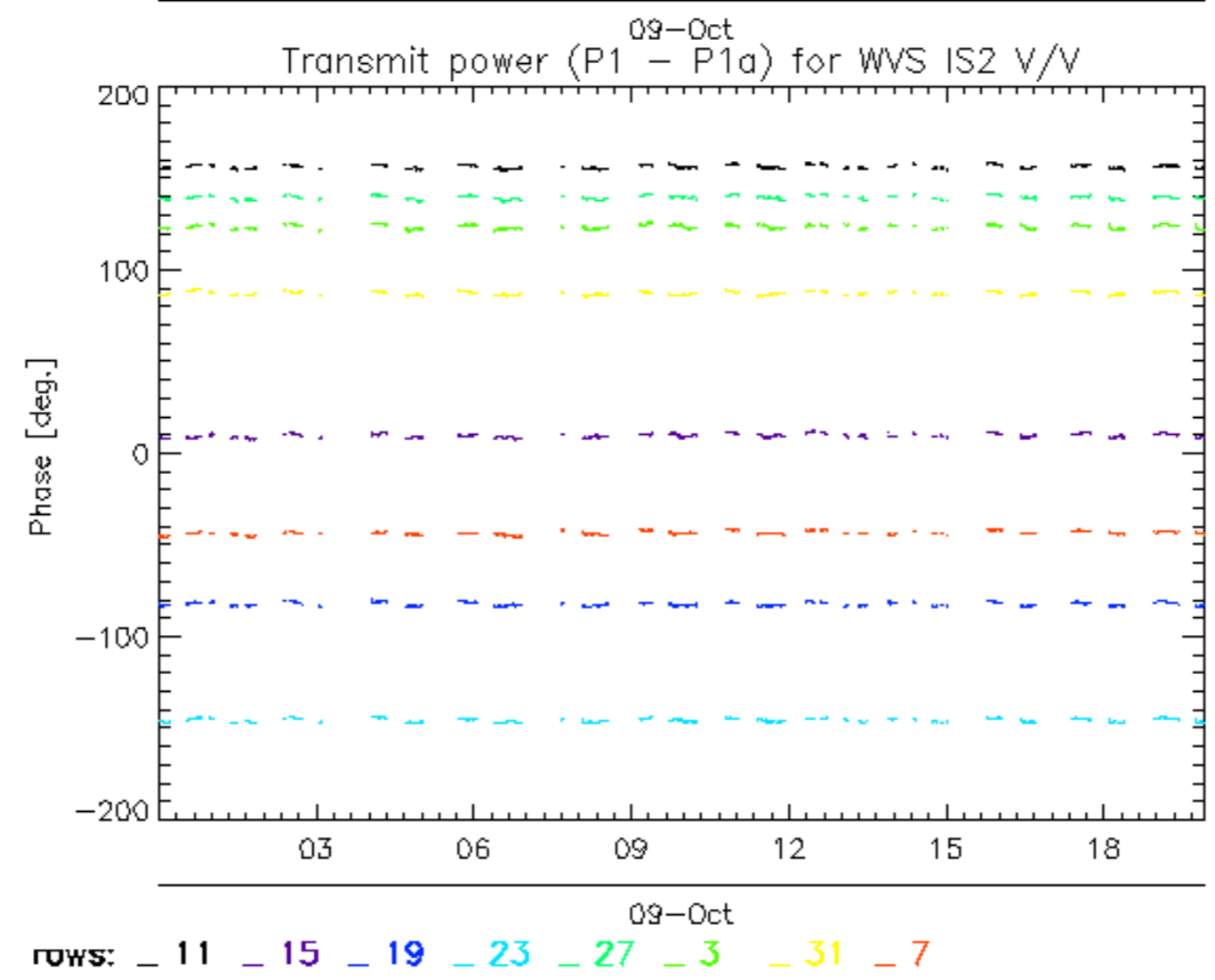
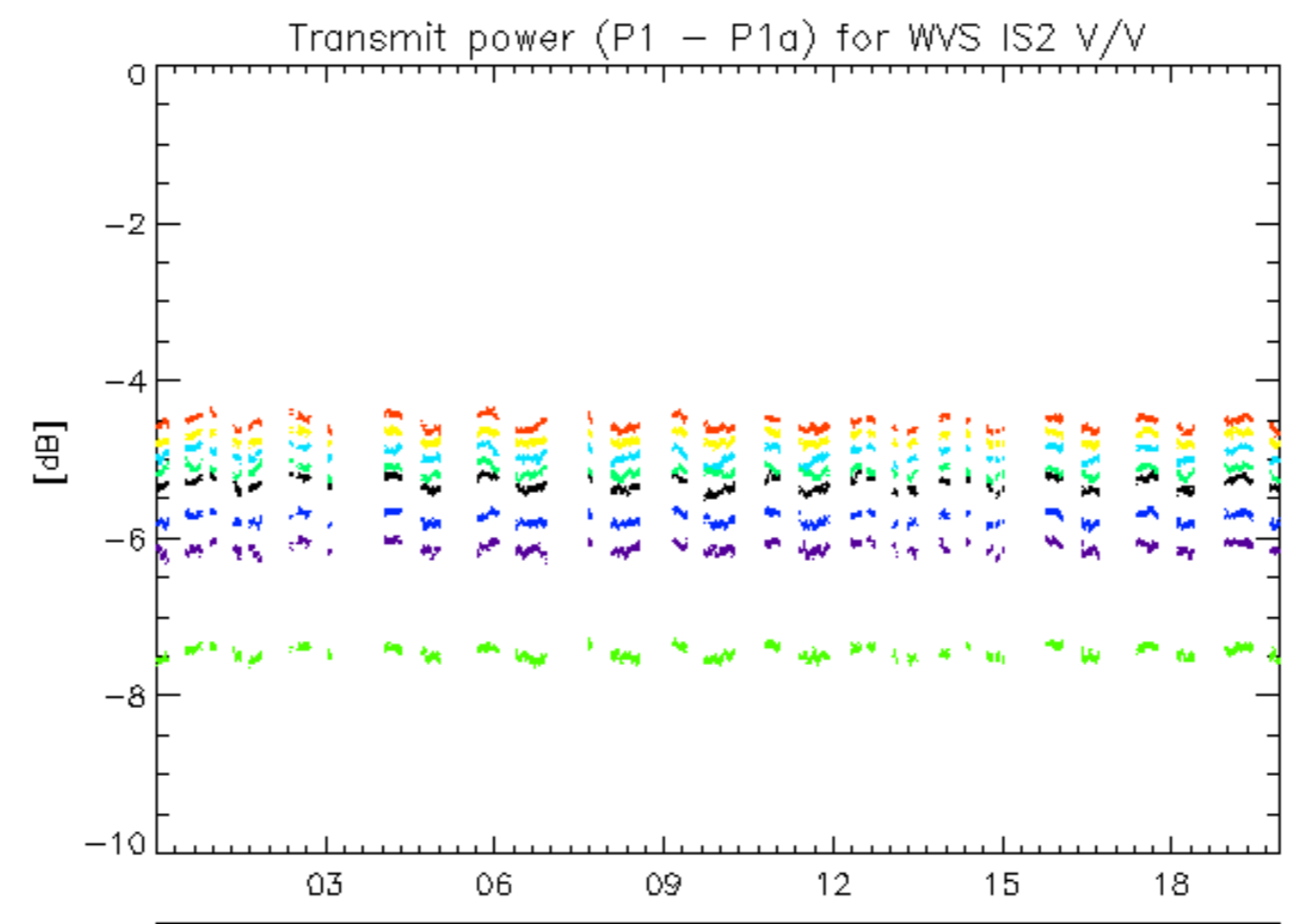


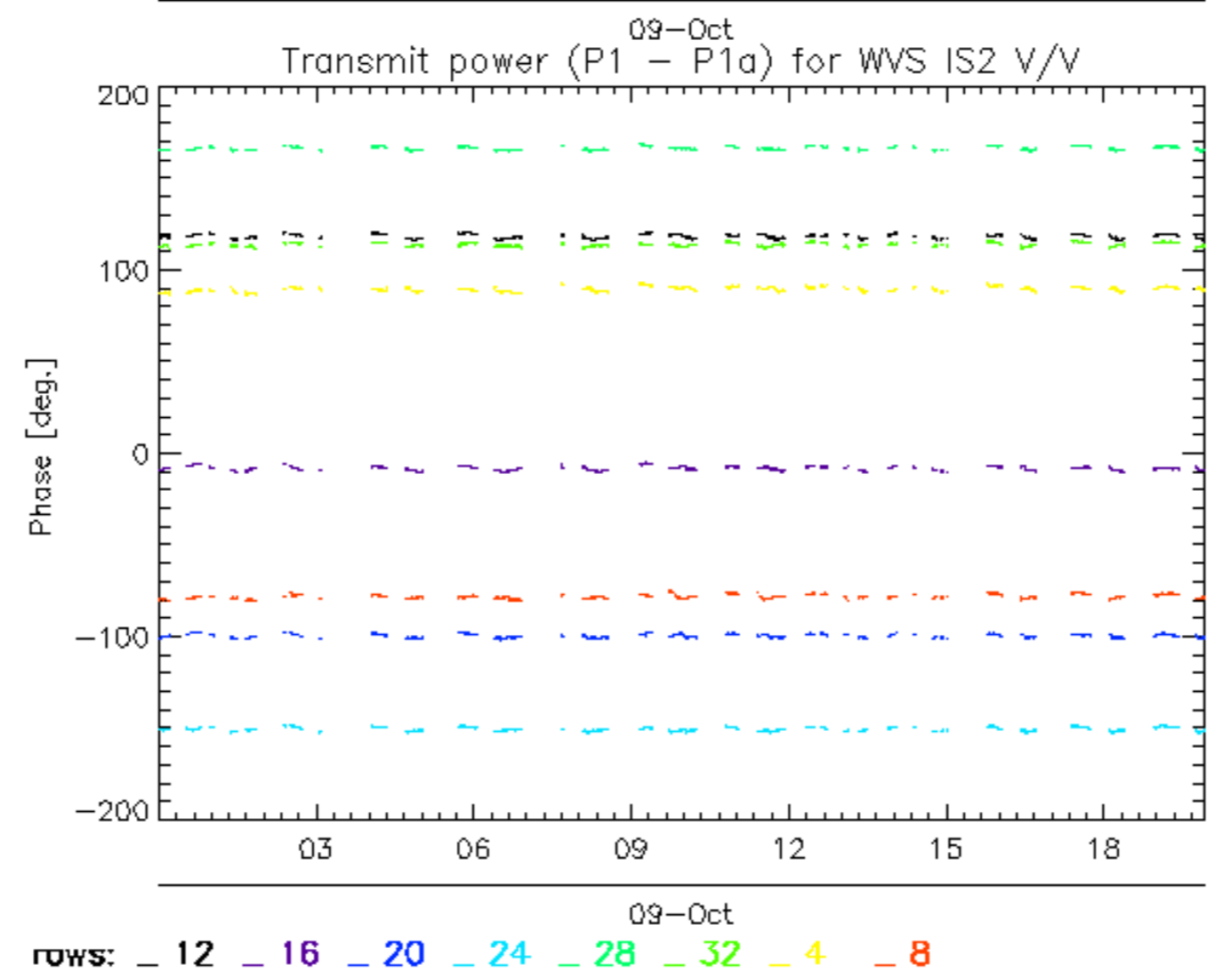
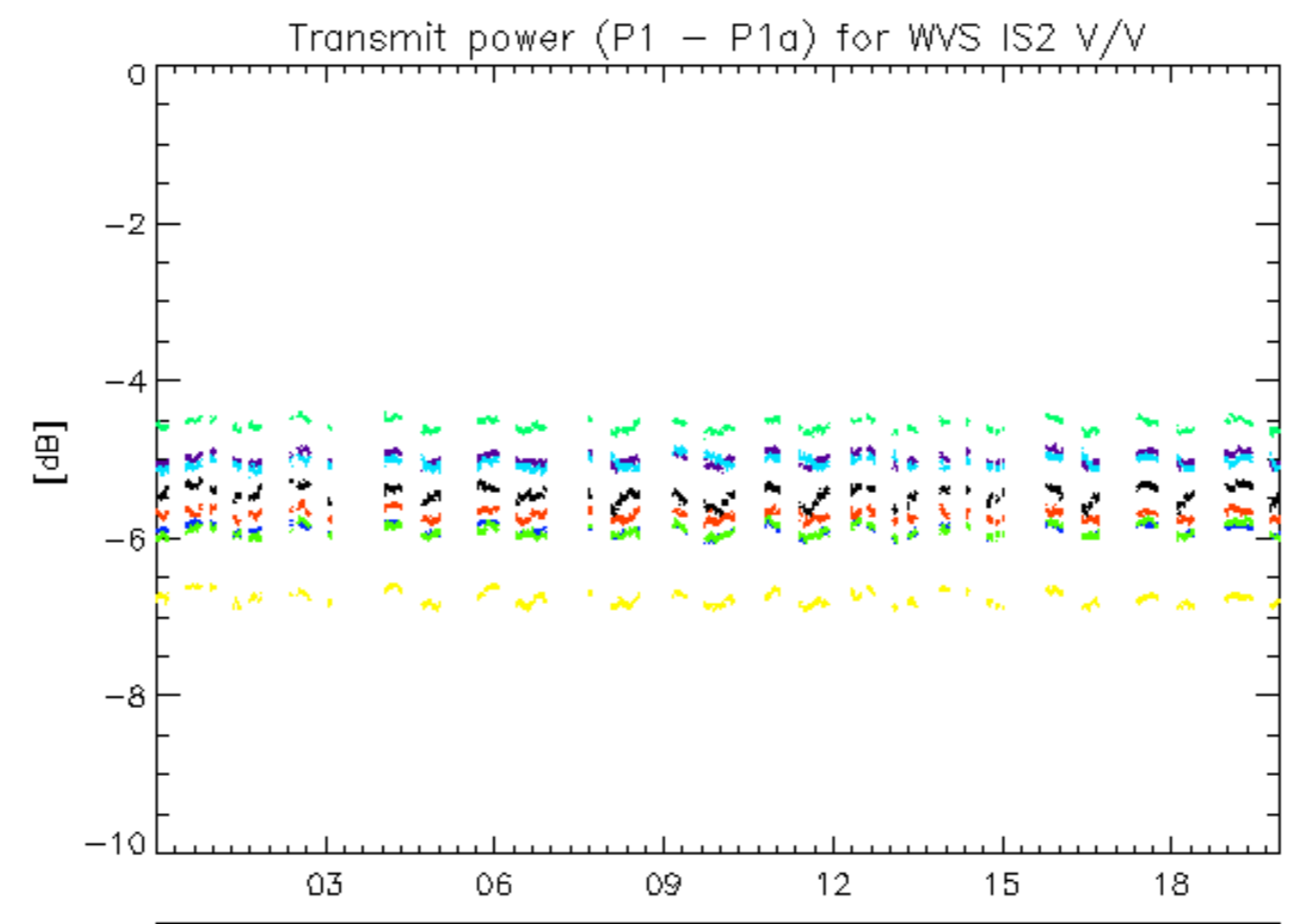


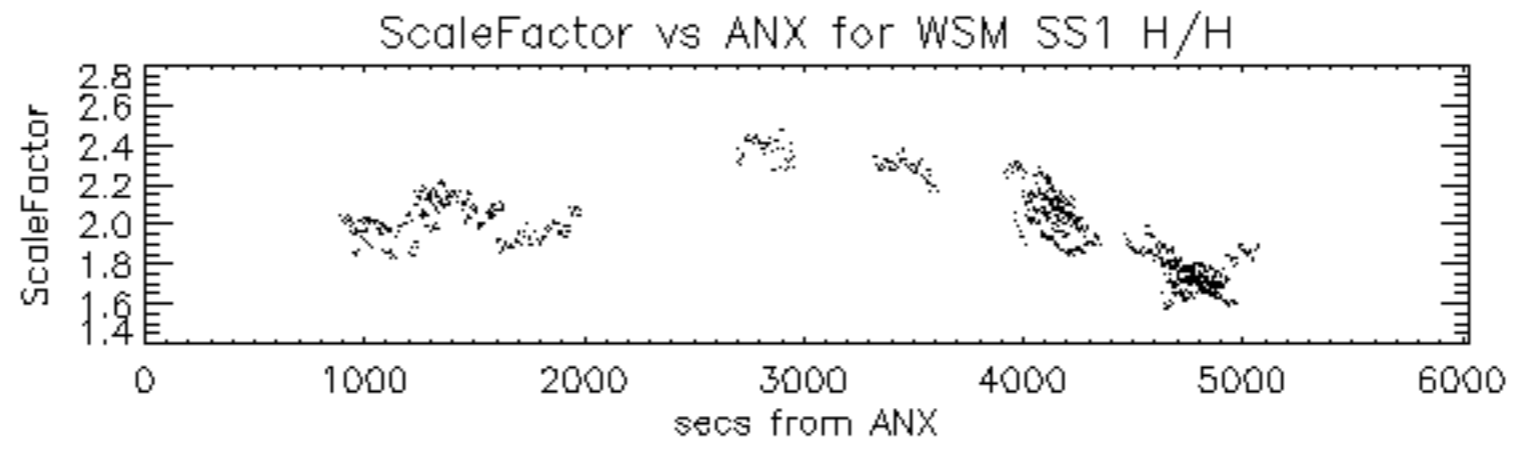


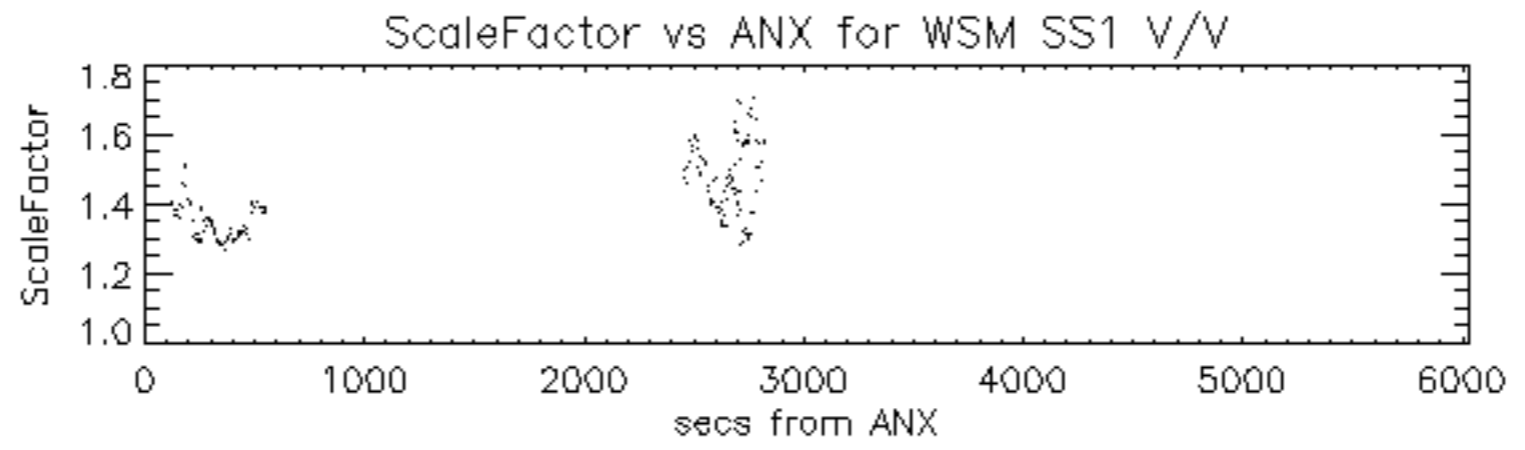


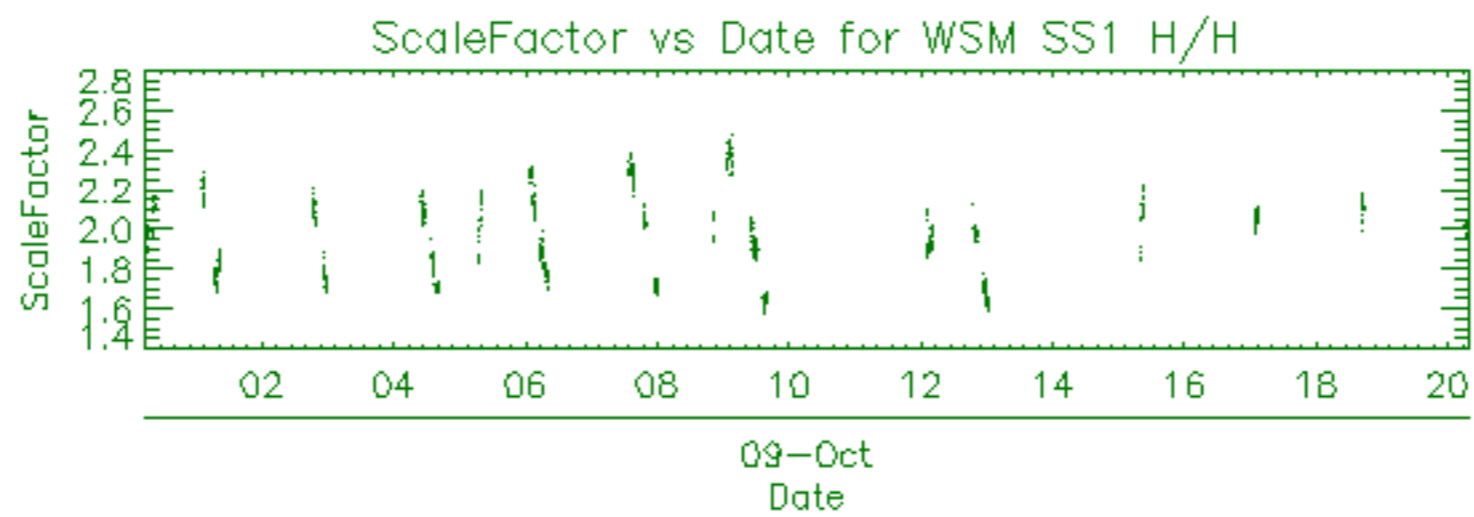


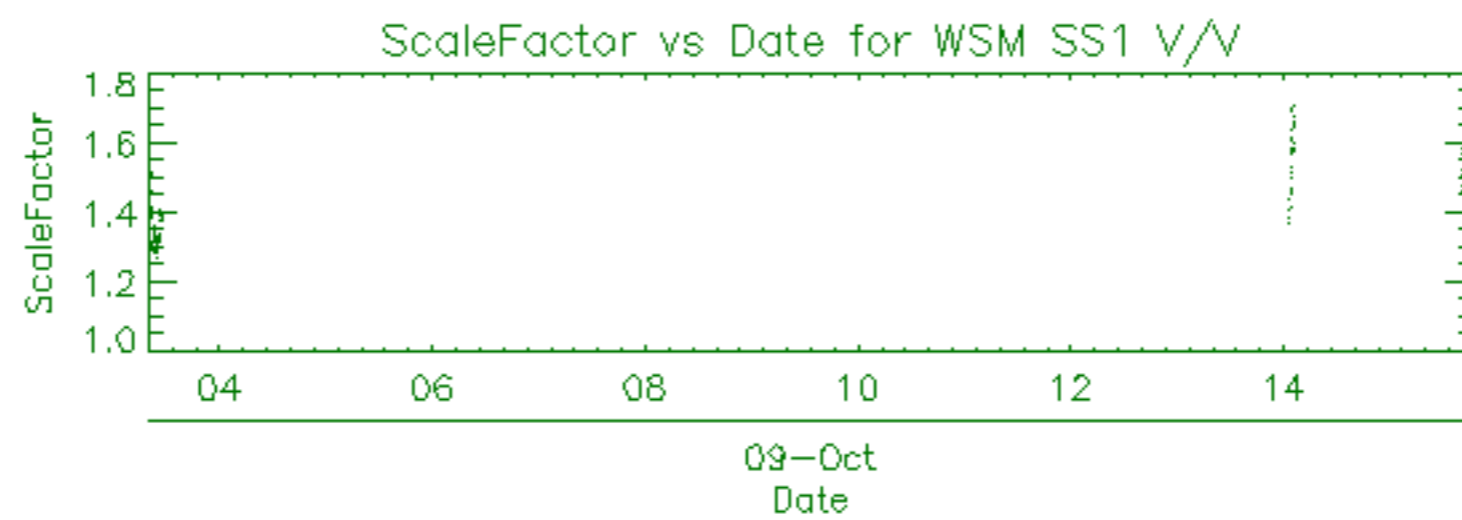












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20111009_022803_000000433107_00233_50247_9295.N1						IS1	V/H	107	50247	233	5.04
ASA_APM_1PNPDE20111009_022928_000000573107_00233_50247_9296.N1						IS2	H/H	107	50247	233	5.04
ASA_APM_1PNPDE20111009_031503_000000823107_00233_50247_9299.N1						IS5	H/H	107	50247	233	5.04
ASA_APM_1PNPDE20111009_040050_000000863107_00234_50248_9300.N1						IS2	H/H	107	50248	234	5.04
ASA_APM_1PNPDE20111009_072851_000001633107_00236_50250_9394.N1						IS4	V/H	107	50250	236	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDE20111009_001635_000001443107_00232_50246_9243.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_002235_000005193107_00232_50246_9246.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_004806_000001143107_00232_50246_9245.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_005105_000003623107_00232_50246_9249.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_010313_000001023107_00232_50246_9248.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_010749_000004833107_00232_50246_9252.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_013057_000004893107_00232_50246_9302.N1						SS1	H/H	107	50246	232	5.04
ASA_GM1_1PNPDE20111009_015147_000014683107_00233_50247_9303.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_021800_000002053107_00233_50247_9319.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_022629_000000903107_00233_50247_9316.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_024328_000001143107_00233_50247_9315.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_024836_000003983107_00233_50247_9314.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_025935_000001693107_00233_50247_9313.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_030603_000001443107_00233_50247_9312.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_030831_000003923107_00233_50247_9310.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_031647_000001933107_00233_50247_9309.N1						SS1	H/H	107	50247	233	5.04
ASA_GM1_1PNPDE20111009_032738_000019943107_00234_50248_9306.N1						SS1	H/H	107	50248	234	5.04
ASA_GM1_1PNPDE20111009_042826_000003263107_00234_50248_9349.N1						SS1	H/H	107	50248	234	5.04
ASA_GM1_1PNPDE20111009_044037_000001143107_00234_50248_9350.N1						SS1	H/H	107	50248	234	5.04
ASA_GM1_1PNPDE20111009_050247_000008403107_00235_50249_9352.N1						SS1	H/H	107	50249	235	5.04
ASA_GM1_1PNPDE20111009_052025_000012873107_00235_50249_9357.N1						SS1	H/H	107	50249	235	5.04
ASA_GM1_1PNPDE20111009_060913_000002053107_00235_50249_9396.N1						SS1	H/H	107	50249	235	5.04
ASA_GM1_1PNPDE20111009_062015_000001573107_00235_50249_9398.N1						SS1	H/H	107	50249	235	5.04
ASA_GM1_1PNPDE20111009_065431_000008643107_00236_50250_9406.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDE20111009_071424_000008703107_00236_50250_9407.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDE20111009_073156_000001083107_00236_50250_9409.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDK20111009_074405_000001443107_00236_50250_9531.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDK20111009_074959_000003743107_00236_50250_9547.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDK20111009_080012_000001753107_00236_50250_9542.N1						SS1	H/H	107	50250	236	5.04
ASA_GM1_1PNPDK20111009_083455_000006713107_00237_50251_9540.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_084459_000002413107_00237_50251_9579.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_085315_000000783107_00237_50251_9580.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_090200_000000903107_00237_50251_9581.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_090829_000000903107_00237_50251_9582.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_093141_000002473107_00237_50251_9584.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_094044_000001503107_00237_50251_9585.N1						SS1	H/H	107	50251	237	5.04
ASA_GM1_1PNPDK20111009_101553_000004593107_00238_50252_9587.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_102758_000002833107_00238_50252_9615.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_103443_000007493107_00238_50252_9617.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_111224_000001693107_00238_50252_9616.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_112154_000000963107_00238_50252_9619.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_112617_000000903107_00238_50252_9622.N1						SS1	H/H	107	50252	238	5.04
ASA_GM1_1PNPDK20111009_115530_000002293107_00239_50253_9621.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_120322_000001083107_00239_50253_9624.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_123008_000003863107_00239_50253_9658.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_124450_000000783107_00239_50253_9659.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_125115_000003383107_00239_50253_9660.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_130226_000000783107_00239_50253_9663.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_130813_000000963107_00239_50253_9662.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_130957_000005553107_00239_50253_9666.N1						SS1	H/H	107	50253	239	5.04
ASA_GM1_1PNPDK20111009_132857_000010513107_00240_50254_9669.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_134513_000003803107_00240_50254_9691.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_140719_000002113107_00240_50254_9692.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_141231_000003803107_00240_50254_9693.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_141859_000001263107_00240_50254_9689.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_142504_000000783107_00240_50254_9690.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_143233_000006893107_00240_50254_9700.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_144942_000002293107_00240_50254_9698.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_145649_000002113107_00240_50254_9697.N1						SS1	H/H	107	50254	240	5.04
ASA_GM1_1PNPDK20111009_150213_000001503107_00241_50255_9695.N1						SS1	H/H	107	50255	241	5.04
ASA_GM1_1PNPDK20111009_150545_000008283107_00241_50255_9708.N1						SS1	H/H	107	50255	241	5.04
ASA_GM1_1PNPDK20111009_152312_000002893107_00241_50255_9726.N1						SS1	H/H	107	50255	241	5.04
ASA_GM1_1PNPDK20111009_153847_000000963107_00241_50255_9727.N1						SS1	H/H	107	50255	241	5.04
ASA_GM1_1PNPDK20111009_160517_000008403107_00241_50255_9729.N1						SS1	H/H	107	50255	241	5.04
ASA_GM1_1PNPDK20111009_164350_000010693107_00242_50256_9730.N1						SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_170027_000002113107_00242_50256_9756.N1						SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_170736_000000903107_00242_50256_9755.N1						SS1	H/H	107	50256	242	5.04

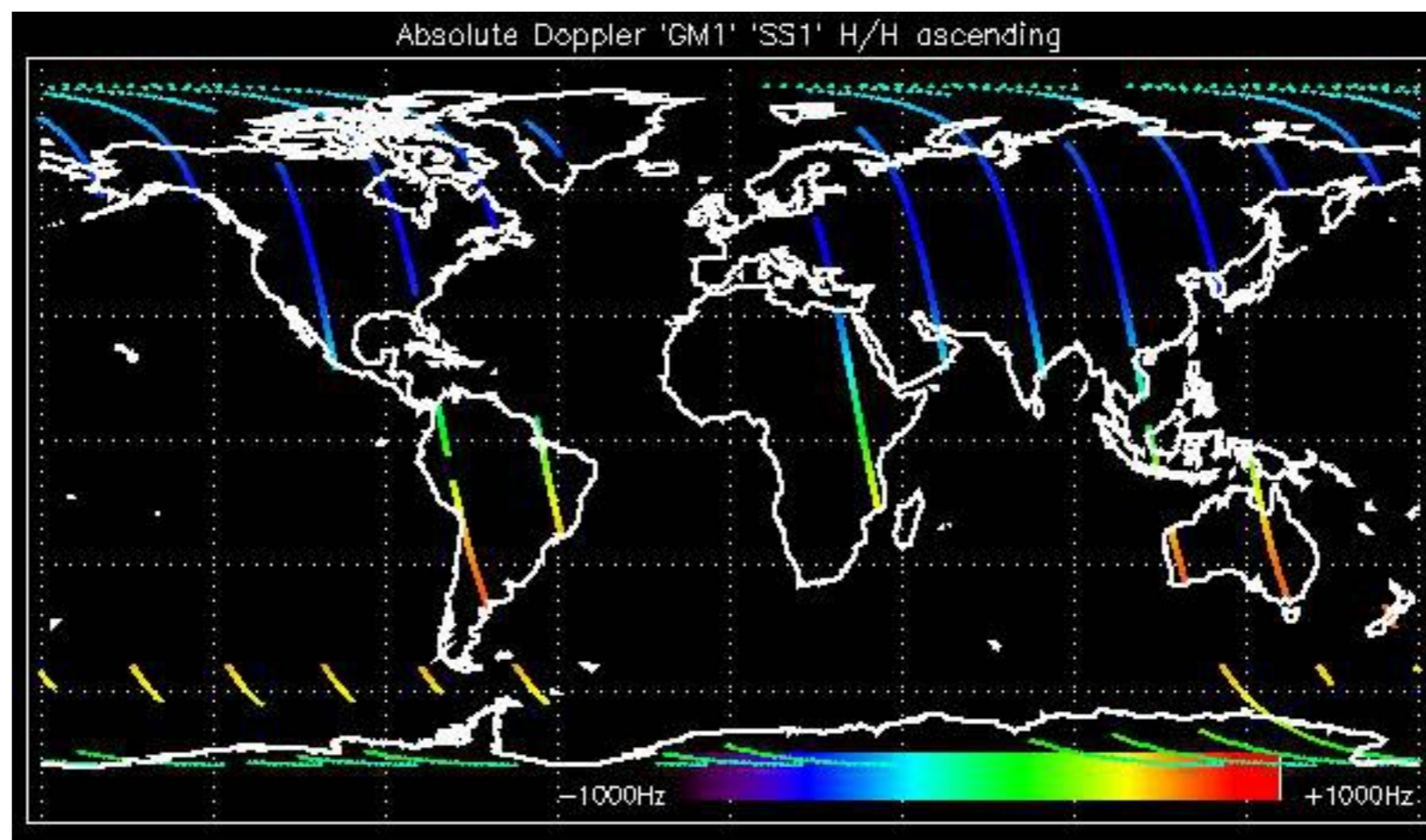
ASA_GM1_1PNPDK20111009_171134_000001693107_00242_50256_9757.N1	SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_171606_000001263107_00242_50256_9758.N1	SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_172057_000001383107_00242_50256_9759.N1	SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_175133_000004593107_00242_50256_9761.N1	SS1	H/H	107	50256	242	5.04
ASA_GM1_1PNPDK20111009_182442_000008403107_00243_50257_9763.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_183743_000001993107_00243_50257_9779.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_184725_000000723107_00243_50257_9780.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_185244_000001203107_00243_50257_9781.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_192546_000000723107_00243_50257_9782.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_193344_000003143107_00243_50257_9784.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_195516_000008283107_00243_50257_9785.N1	SS1	H/H	107	50257	243	5.04
ASA_GM1_1PNPDK20111009_201047_000002593107_00244_50258_9787.N1	SS1	H/H	107	50258	244	5.04

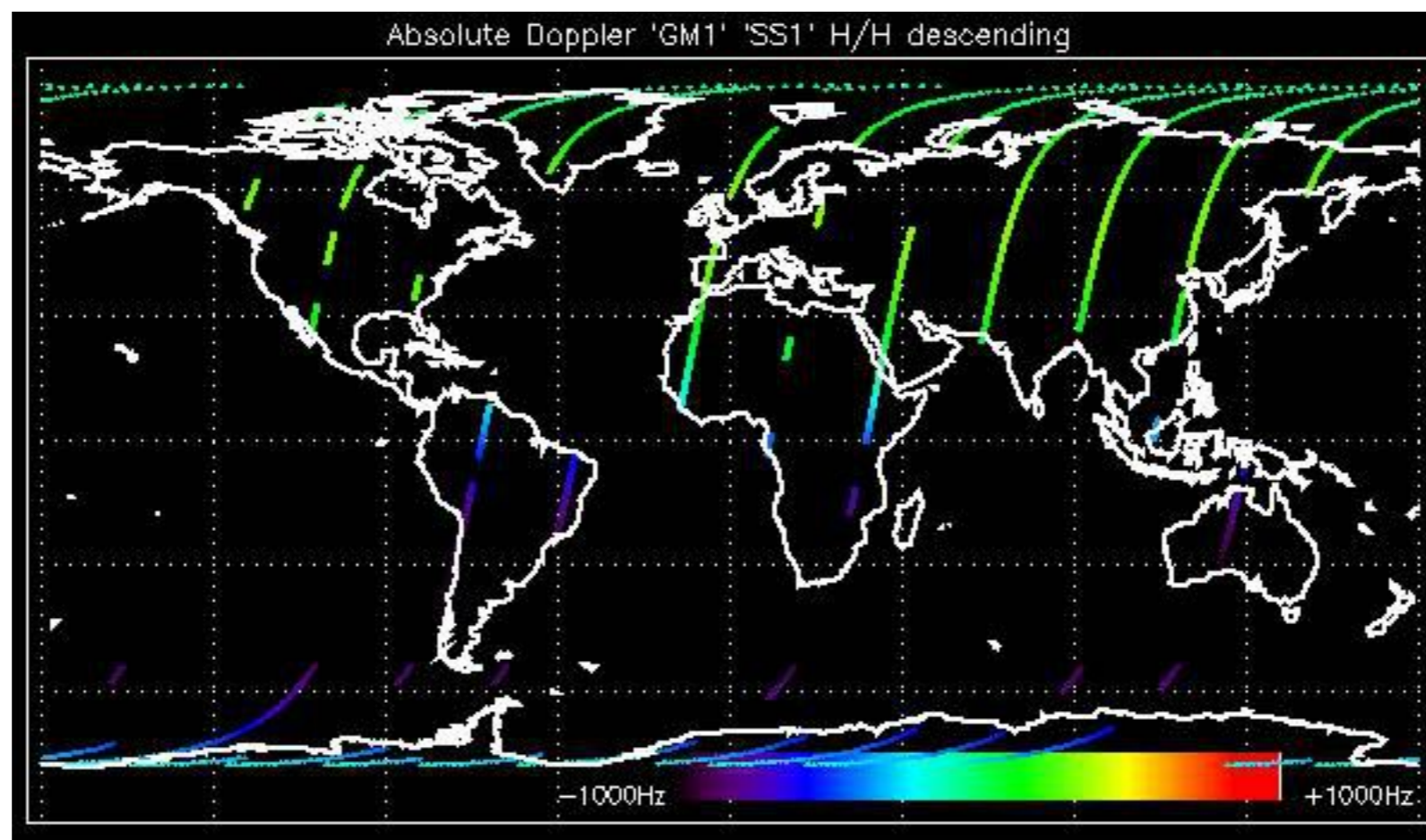
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_IMM_1PNPDK20111009_070852_000003213107_00236_50250_9528.N1						IS6	H/H	107	50250	236	5.04
ASA_IMM_1PNPDE20111009_084858_00000433107_00237_50251_9416.N1						IS6	H/H	107	50251	237	5.04
ASA_IMM_1PNPDE20111009_085713_00000693107_00237_50251_9426.N1						IS6	H/H	107	50251	237	5.04
ASA_IMM_1PNPDK20111009_215424_00000373107_00245_50259_9813.N1						IS6	V/V	107	50259	245	5.04

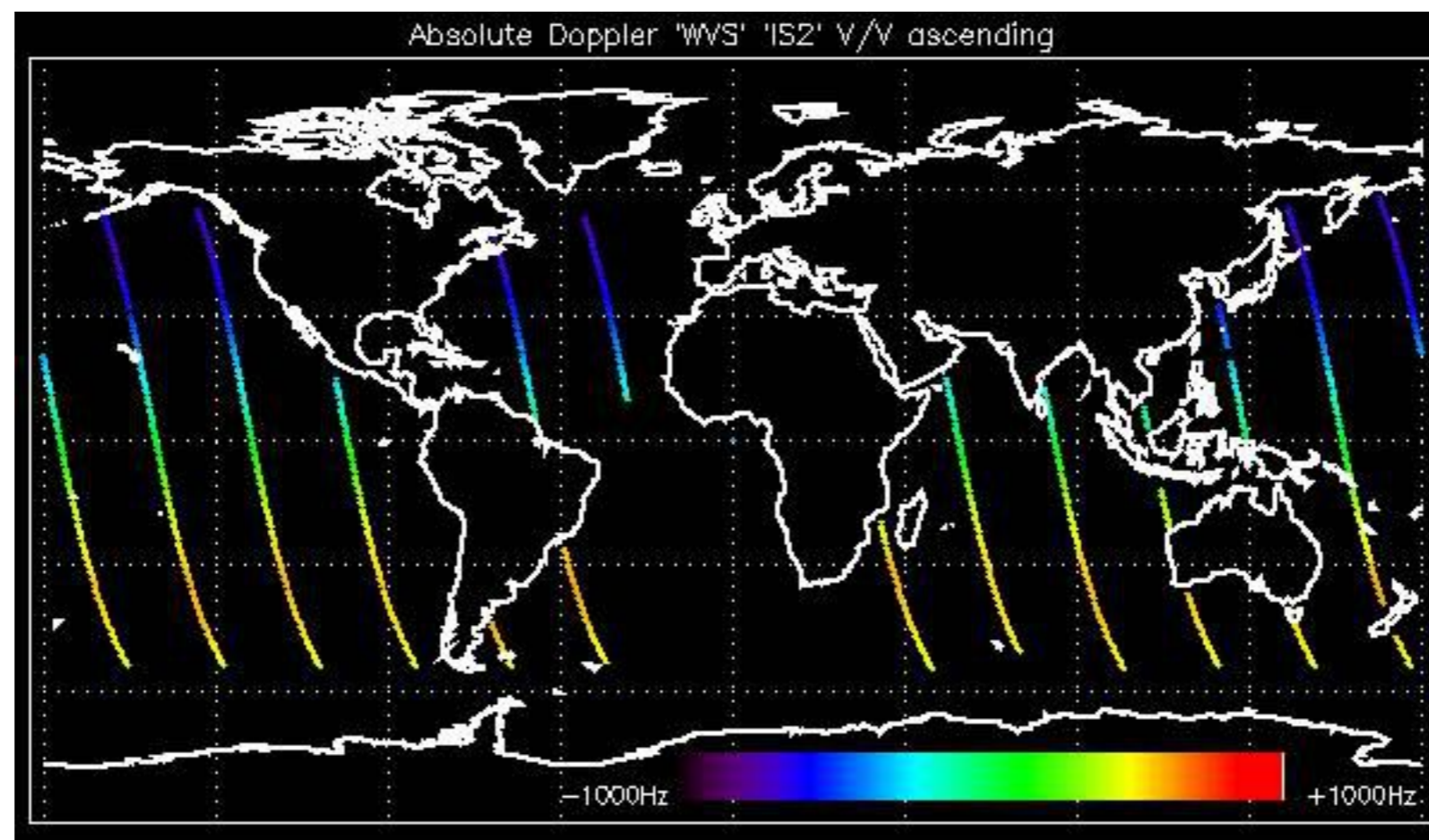
Filename	Pol	Timestamp	count(Module)				
ASA_MS__0PNPDK20111009_124617_000000163107_00239_50253_0822.N1	H	2011-10-09 12:46:17	320				
ASA_MS__0PNPDK20111009_142631_000000163107_00240_50254_0823.N1	V	2011-10-09 14:26:31	320				

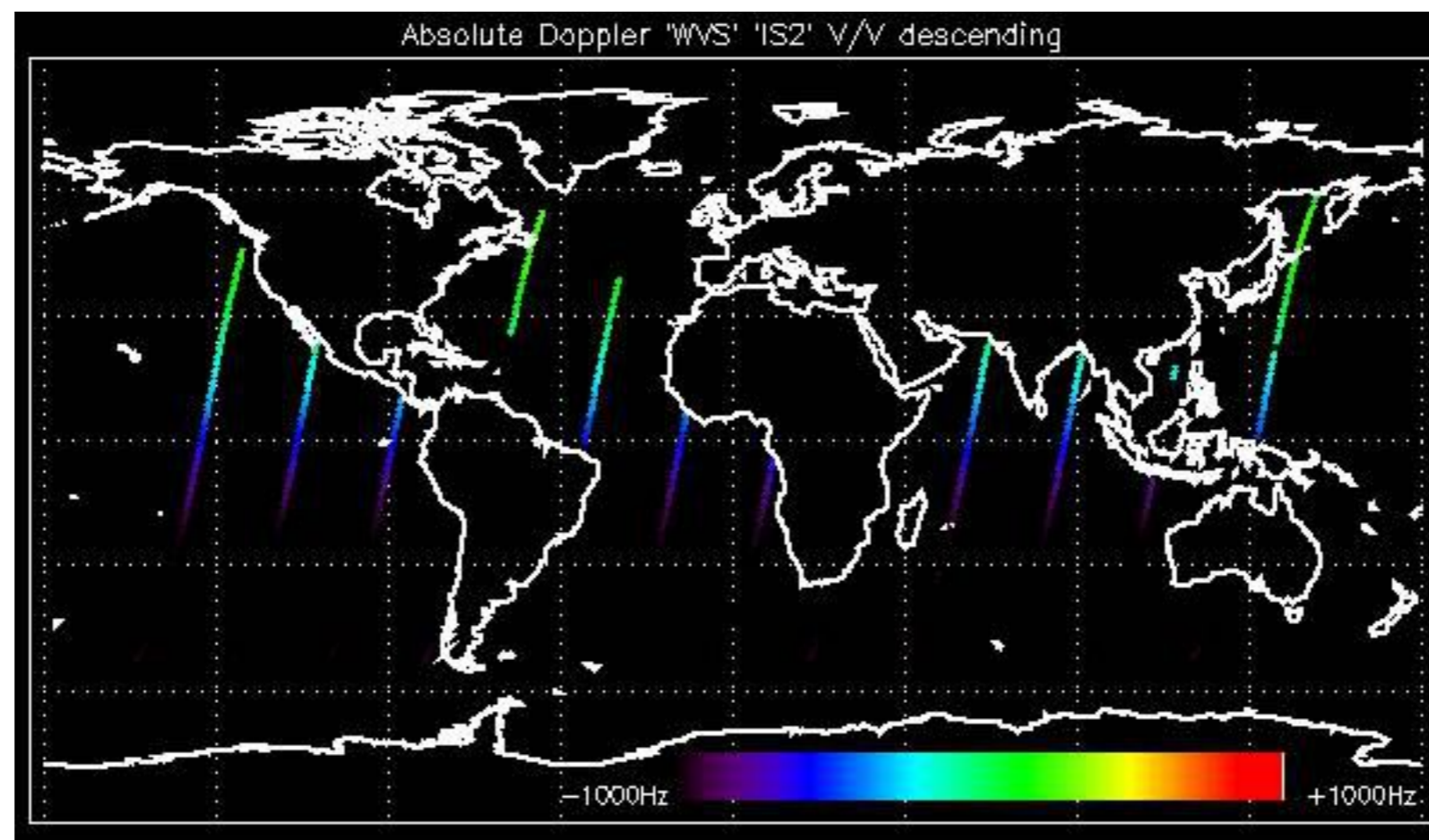
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WSM_1PNPDE20111009_001302_000002083107_00232_50246_9238.N1						SS1	H/H	107	50246	232	5.04
ASA_WSM_1PNPDE20111009_001902_000002083107_00232_50246_9239.N1						SS1	H/H	107	50246	232	5.04
ASA_WSM_1PNPDE20111009_010501_000001593107_00232_50246_9236.N1						SS1	H/H	107	50246	232	5.04
ASA_WSM_1PNPDE20111009_011554_000003923107_00232_50246_9240.N1						SS1	H/H	107	50246	232	5.04
ASA_WSM_1PNPDE20111009_024530_000001843107_00233_50247_9297.N1						SS1	H/H	107	50247	233	5.04
ASA_WSM_1PNPDE20111009_025516_000002513107_00233_50247_9298.N1						SS1	H/H	107	50247	233	5.04
ASA_WSM_1PNPDK20111009_032003_000004533107_00234_50248_9456.N1						SS1	V/V	107	50248	234	5.04
ASA_WSM_1PNPDE20111009_042436_000002263107_00234_50248_9305.N1						SS1	H/H	107	50248	234	5.04
ASA_WSM_1PNPDE20111009_043357_000003923107_00234_50248_9336.N1						SS1	H/H	107	50248	234	5.04
ASA_WSM_1PNPDE20111009_051650_000002083107_00235_50249_9337.N1						SS1	H/H	107	50249	235	5.04
ASA_WSM_1PNPDE20111009_060327_000003433107_00235_50249_9365.N1						SS1	H/H	107	50249	235	5.04
ASA_WSM_1PNPDE20111009_061240_000004533107_00235_50249_9393.N1						SS1	H/H	107	50249	235	5.04
ASA_WSM_1PNPDE20111009_073350_000003063107_00236_50250_9397.N1						SS1	H/H	107	50250	236	5.04
ASA_WSM_1PNPDK20111009_074635_000001903107_00236_50250_9537.N1						SS1	H/H	107	50250	236	5.04
ASA_WSM_1PNPDK20111009_075619_000002323107_00236_50250_9536.N1						SS1	H/H	107	50250	236	5.04
ASA_WSM_1PNPDE20111009_085010_000001223107_00237_50251_9422.N1						SS1	H/H	107	50251	237	5.04
ASA_WSM_1PNPDE20111009_090337_000002883107_00237_50251_9428.N1						SS1	H/H	107	50251	237	5.04
ASA_WSM_1PNPDK20111009_092444_000004103107_00237_50251_9598.N1						SS1	H/H	107	50251	237	5.04
ASA_WSM_1PNPDK20111009_093554_000002883107_00237_50251_9596.N1						SS1	H/H	107	50251	237	5.04
ASA_WSM_1PNPDK20111009_120519_000003733107_00239_50253_9635.N1						SS1	H/H	107	50253	239	5.04
ASA_WSM_1PNPDK20111009_124751_000001903107_00239_50253_9668.N1						SS1	H/H	107	50253	239	5.04
ASA_WSM_1PNPDK20111009_125656_000003123107_00239_50253_9672.N1						SS1	H/H	107	50253	239	5.04
ASA_WSM_1PNPDK20111009_140309_000001903107_00240_50254_9688.N1						SS1	V/V	107	50254	240	5.04
ASA_WSM_1PNPDK20111009_151938_000002083107_00241_50255_9709.N1						SS1	H/H	107	50255	241	5.04
ASA_WSM_1PNPDK20111009_154029_000003923107_00241_50255_9746.N1						SS1	V/V	107	50255	241	5.04
ASA_WSM_1PNPDK20111009_170359_000002143107_00242_50256_9740.N1						SS1	H/H	107	50256	242	5.04
ASA_WSM_1PNPDK20111009_184107_000001533107_00243_50257_9769.N1						SS1	H/H	107	50257	243	5.04
ASA_WSM_1PNPDK20111009_201508_000002513107_00244_50258_9793.N1						SS1	H/H	107	50258	244	5.04

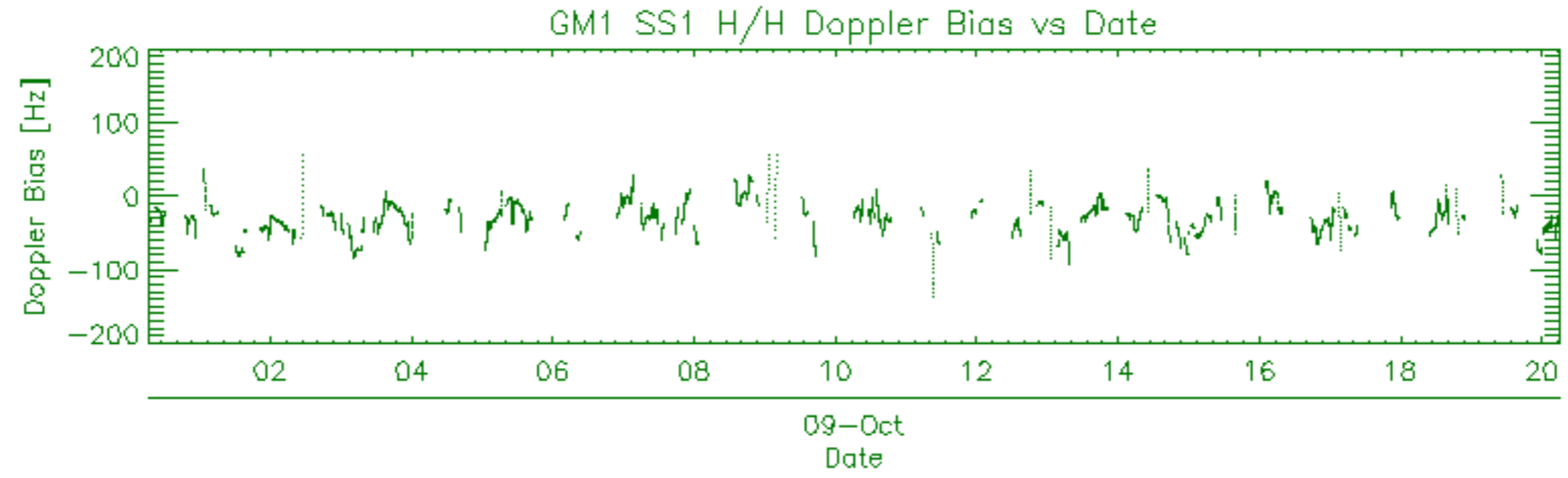
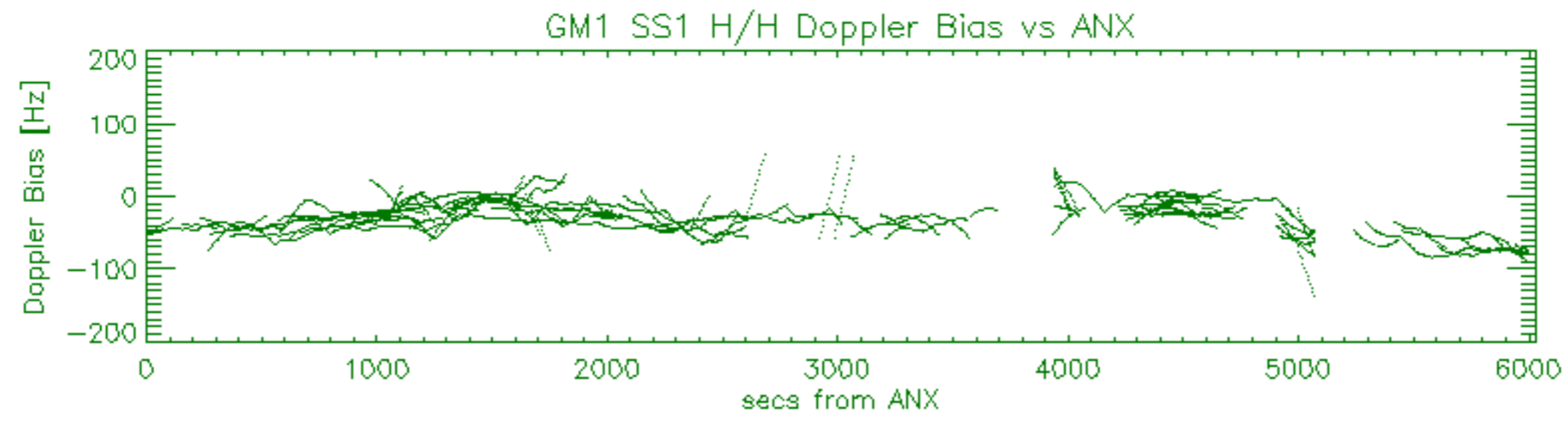
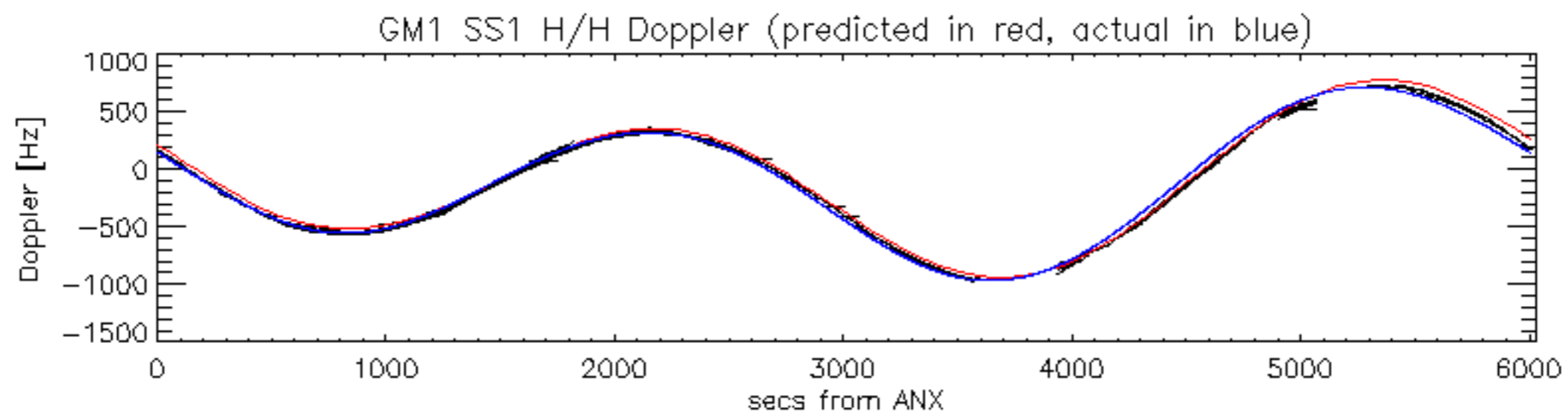
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDE20111008_234451_000016493107_00231_50245_9244.N1						IS2	V/V	107	50245	231	5.04
ASA_WVS_1PNPDE20111009_003117_000009643107_00232_50246_9247.N1						IS2	V/V	107	50246	232	5.04
ASA_WVS_1PNPDE20111009_005711_000003153107_00232_50246_9251.N1						IS2	V/V	107	50246	232	5.04
ASA_WVS_1PNPDE20111009_012227_000002253107_00232_50246_9250.N1						IS2	V/V	107	50246	232	5.04
ASA_WVS_1PNPDE20111009_012527_000002853107_00232_50246_9301.N1						IS2	V/V	107	50246	232	5.04
ASA_WVS_1PNPDE20111009_013905_000007193107_00233_50247_9318.N1						IS2	V/V	107	50247	233	5.04
ASA_WVS_1PNPDE20111009_022258_000000443107_00233_50247_9317.N1						IS2	V/V	107	50247	233	5.04
ASA_WVS_1PNPDE20111009_023031_000007343107_00233_50247_9311.N1						IS2	V/V	107	50247	233	5.04
ASA_WVS_1PNPDE20111009_030225_000001803107_00233_50247_9308.N1						IS2	V/V	107	50247	233	5.04
ASA_WVS_1PNPDE20111009_040222_000008693107_00234_50248_9307.N1						IS2	V/V	107	50248	234	5.04
ASA_WVS_1PNPDE20111009_041637_000002103107_00234_50248_9348.N1						IS2	V/V	107	50248	234	5.04
ASA_WVS_1PNPDE20111009_044239_000011693107_00234_50248_9354.N1						IS2	V/V	107	50248	234	5.04
ASA_WVS_1PNPDE20111009_054152_000010493107_00235_50249_9356.N1						IS2	V/V	107	50249	235	5.04
ASA_WVS_1PNPDE20111009_055906_000002253107_00235_50249_9395.N1						IS2	V/V	107	50249	235	5.04
ASA_WVS_1PNPDE20111009_062254_000018593107_00235_50249_9405.N1						IS2	V/V	107	50249	235	5.04
ASA_WVS_1PNPDE20111009_073856_000001803107_00236_50250_9408.N1						IS2	V/V	107	50250	236	5.04
ASA_WVS_1PNPDK20111009_074141_000001053107_00236_50250_9543.N1						IS2	V/V	107	50250	236	5.04
ASA_WVS_1PNPDK20111009_080308_000018593107_00236_50250_9541.N1						IS2	V/V	107	50250	236	5.04
ASA_WVS_1PNPDK20111009_091005_000008093107_00237_50251_9583.N1						IS2	V/V	107	50251	237	5.04
ASA_WVS_1PNPDK20111009_094321_000019043107_00237_50251_9588.N1						IS2	V/V	107	50251	237	5.04
ASA_WVS_1PNPDK20111009_104713_000009743107_00238_50252_9620.N1						IS2	V/V	107	50252	238	5.04
ASA_WVS_1PNPDK20111009_112335_000001203107_00238_50252_9618.N1						IS2	V/V	107	50252	238	5.04
ASA_WVS_1PNPDK20111009_112754_000016043107_00238_50252_9623.N1						IS2	V/V	107	50252	238	5.04
ASA_WVS_1PNPDK20111009_121830_000006593107_00239_50253_9657.N1						IS2	V/V	107	50253	239	5.04
ASA_WVS_1PNPDK20111009_123637_000004503107_00239_50253_9661.N1						IS2	V/V	107	50253	239	5.04
ASA_WVS_1PNPDK20111009_130349_000002253107_00239_50253_9664.N1						IS2	V/V	107	50253	239	5.04
ASA_WVS_1PNPDK20111009_131911_000003143107_00239_50253_9665.N1						IS2	V/V	107	50253	239	5.04
ASA_WVS_1PNPDK20111009_132530_000001643107_00240_50254_9667.N1						IS2	V/V	107	50254	240	5.04
ASA_WVS_1PNPDK20111009_135405_000004943107_00240_50254_9694.N1						IS2	V/V	107	50254	240	5.04
ASA_WVS_1PNPDK20111009_142108_000001953107_00240_50254_9701.N1						IS2	V/V	107	50254	240	5.04
ASA_WVS_1PNPDK20111009_144403_000003003107_00240_50254_9699.N1						IS2	V/V	107	50254	240	5.04
ASA_WVS_1PNPDK20111009_145332_000001493107_00240_50254_9696.N1						IS2	V/V	107	50254	240	5.04
ASA_WVS_1PNPDK20111009_150020_000000743107_00241_50255_9702.N1						IS2	V/V	107	50255	241	5.04
ASA_WVS_1PNPDK20111009_154659_000010493107_00241_50255_9728.N1						IS2	V/V	107	50255	241	5.04
ASA_WVS_1PNPDK20111009_162408_000011393107_00241_50255_9731.N1						IS2	V/V	107	50255	241	5.04
ASA_WVS_1PNPDK20111009_172322_000012893107_00242_50256_9760.N1						IS2	V/V	107	50256	242	5.04
ASA_WVS_1PNPDK20111009_180530_000011093107_00242_50256_9762.N1						IS2	V/V	107	50256	242	5.04
ASA_WVS_1PNPDK20111009_185724_000016643107_00243_50257_9783.N1						IS2	V/V	107	50257	243	5.04
ASA_WVS_1PNPDK20111009_194436_000006003107_00243_50257_9786.N1						IS2	V/V	107	50257	243	5.04

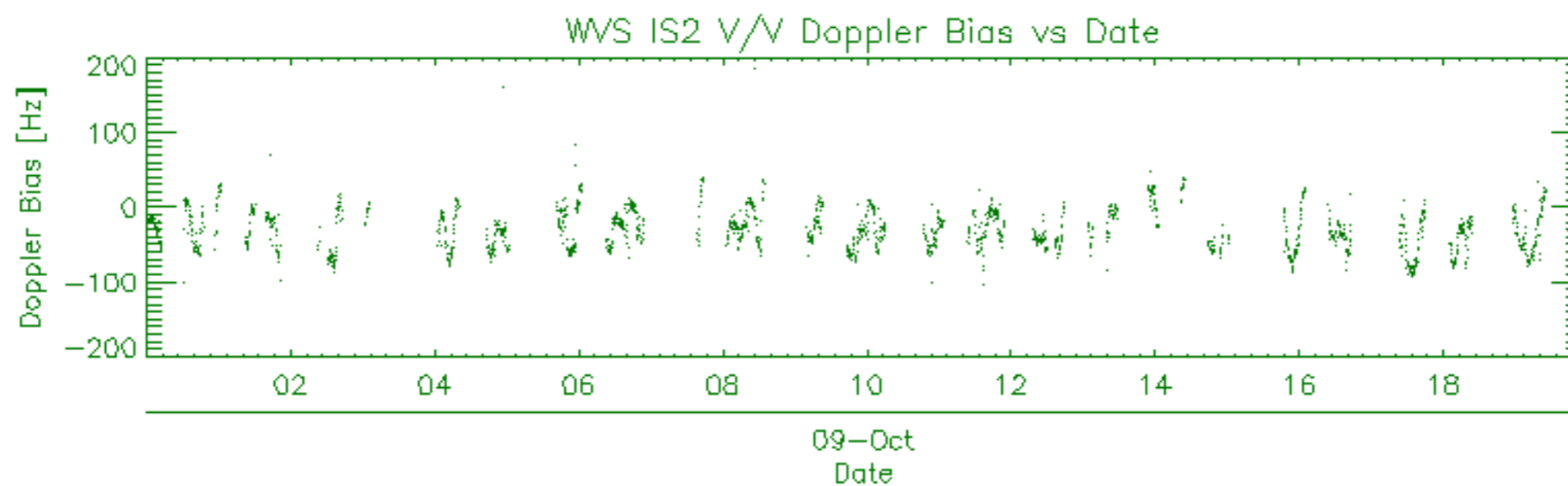
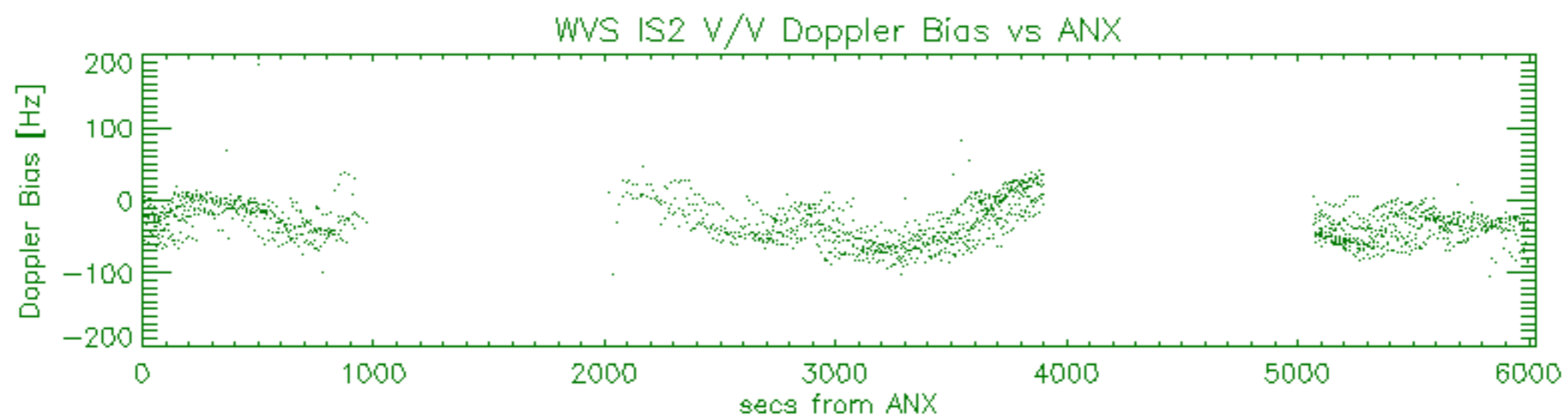
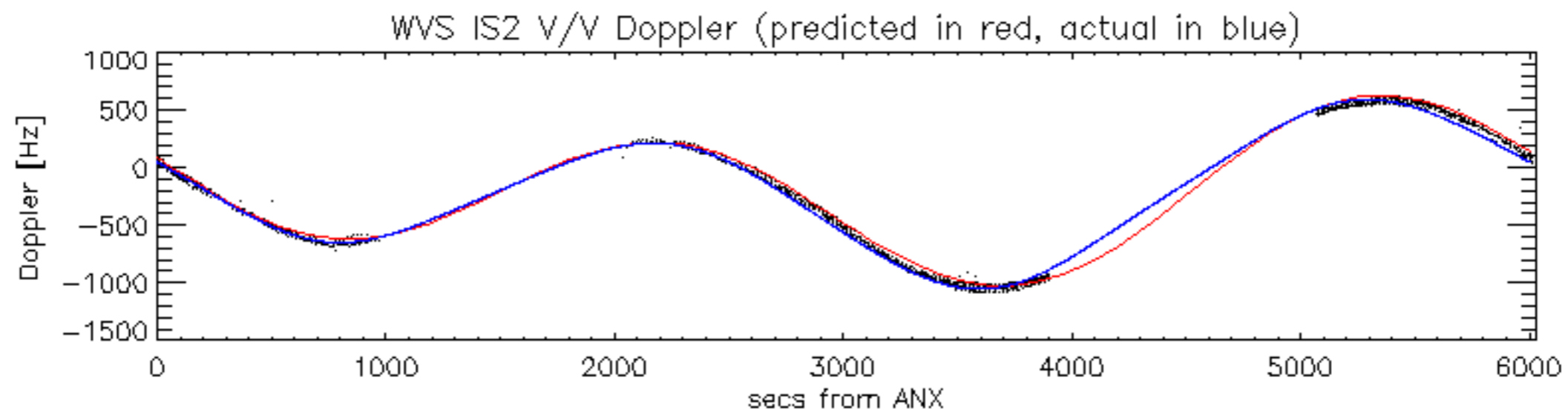


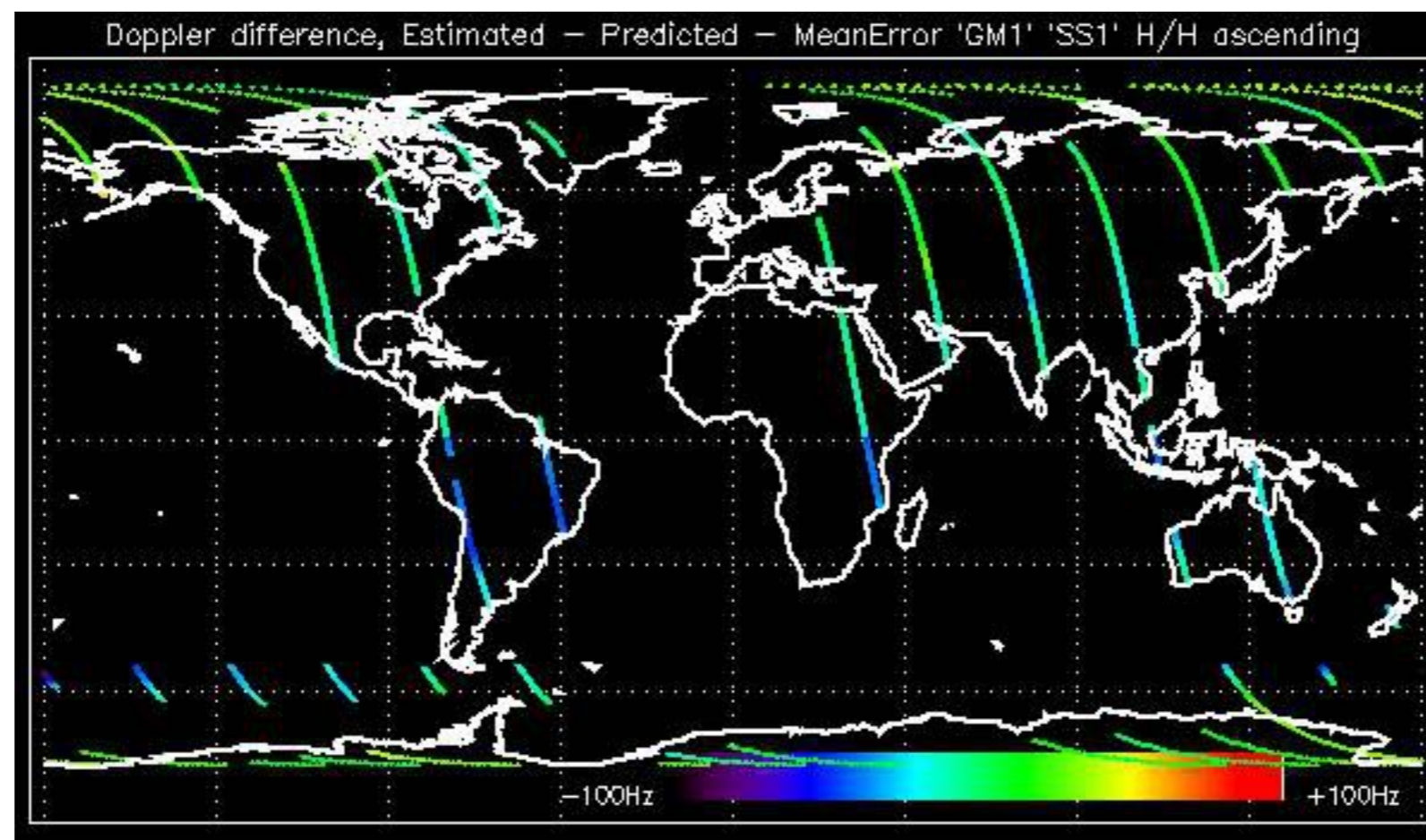


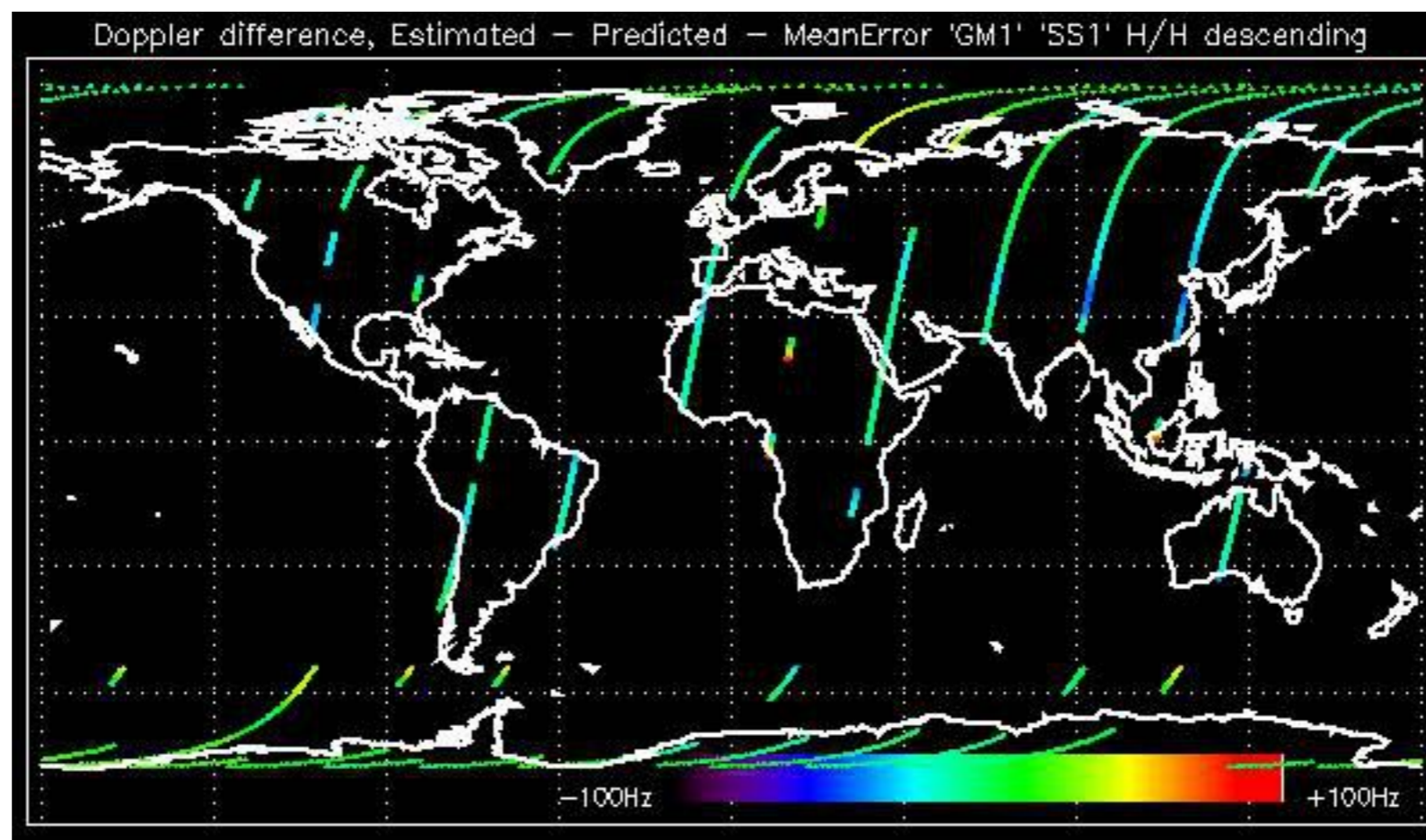


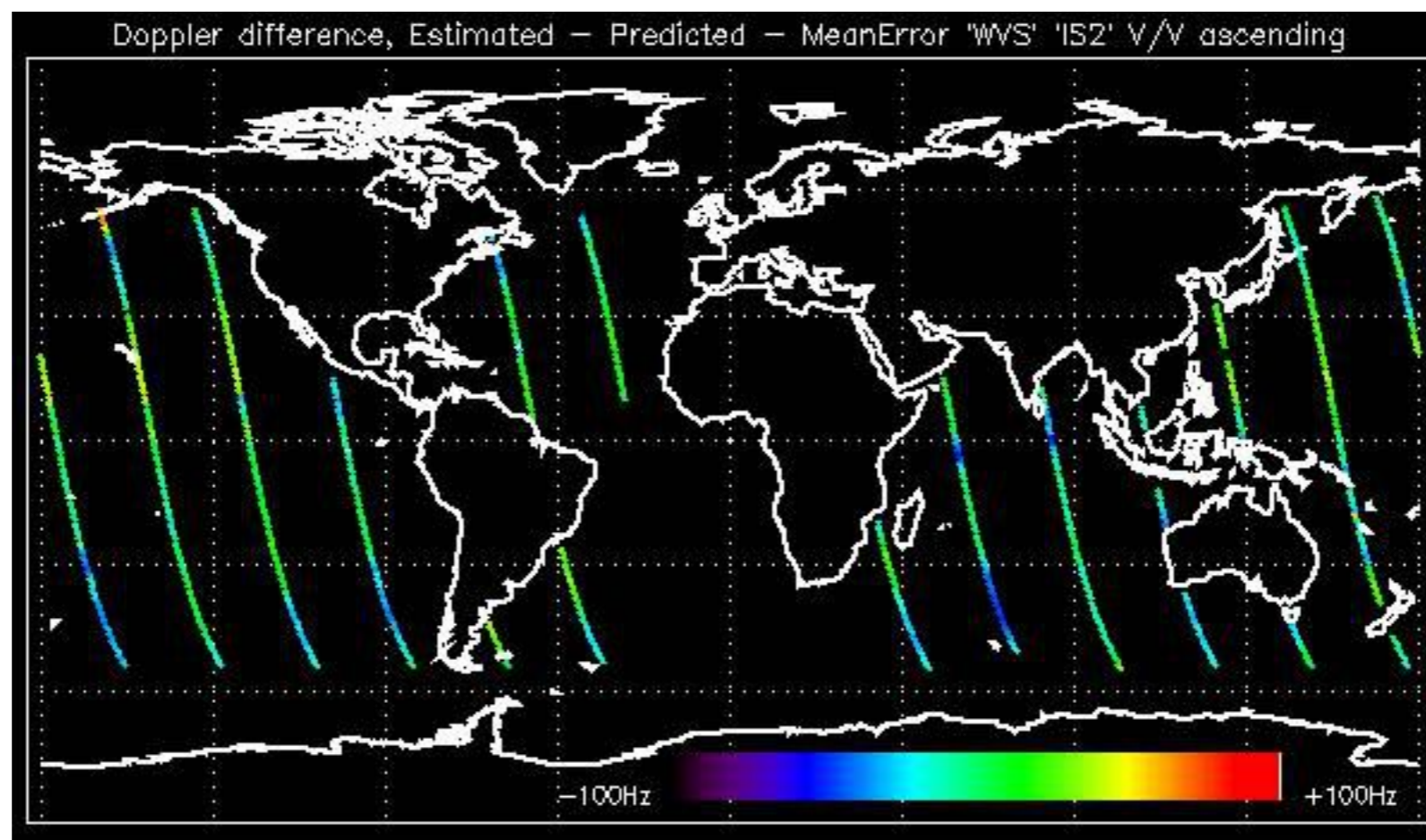


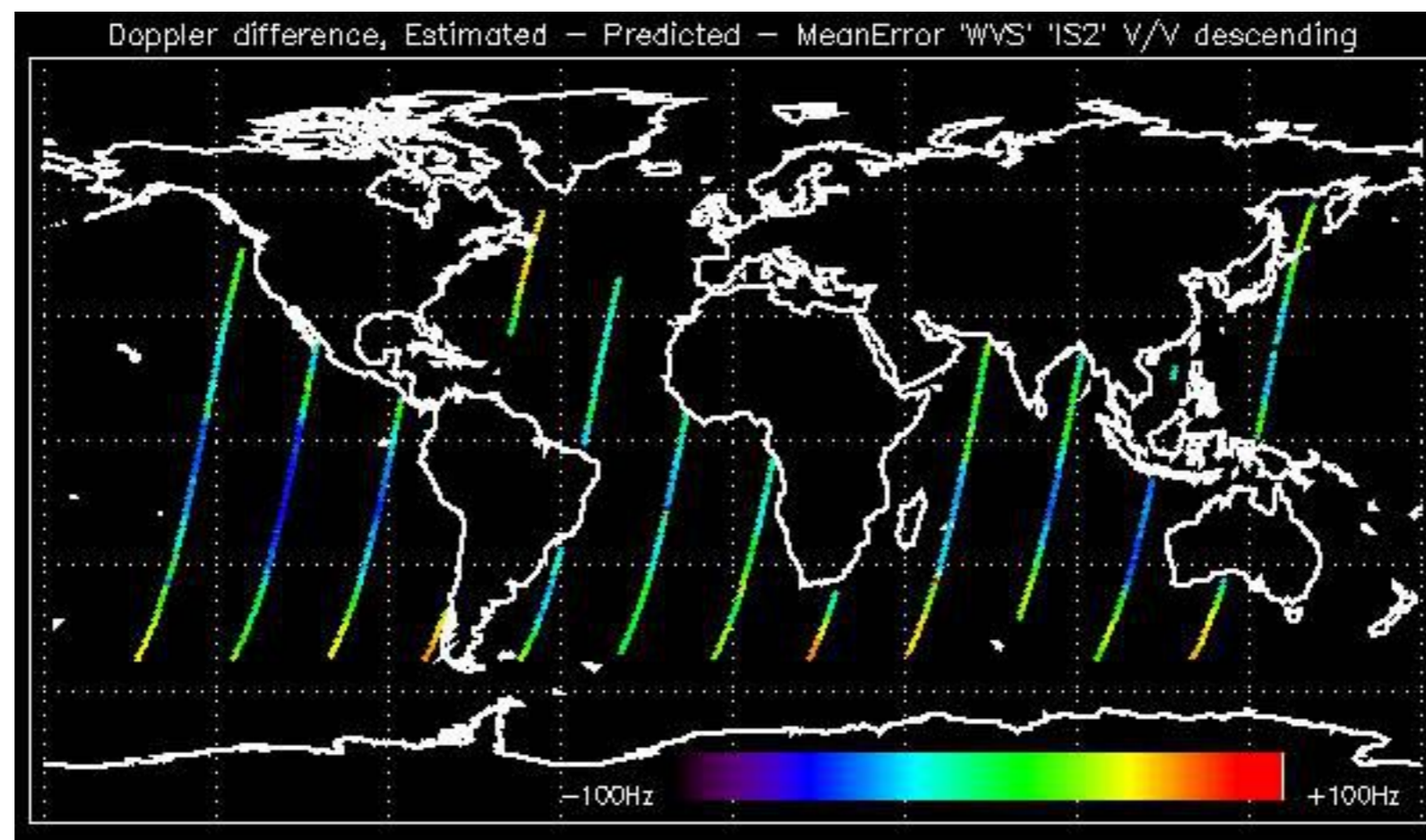


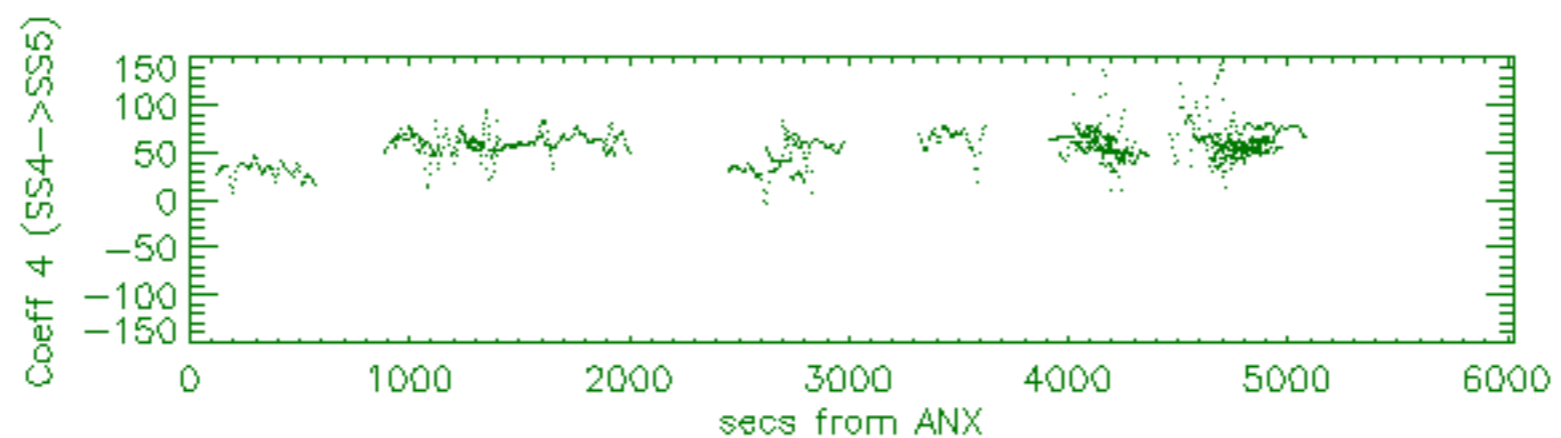
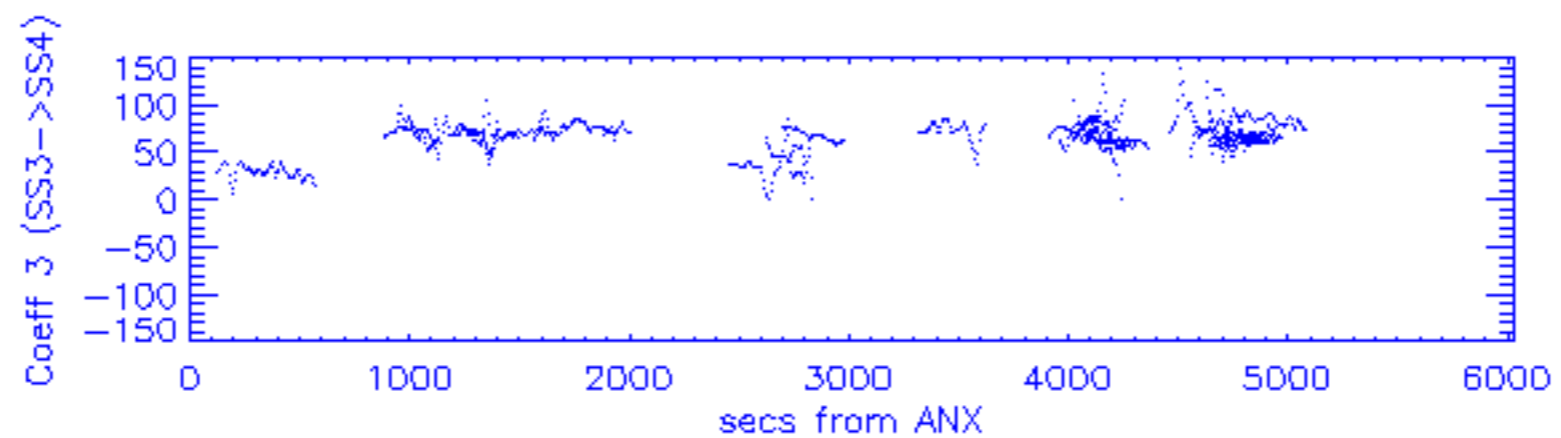
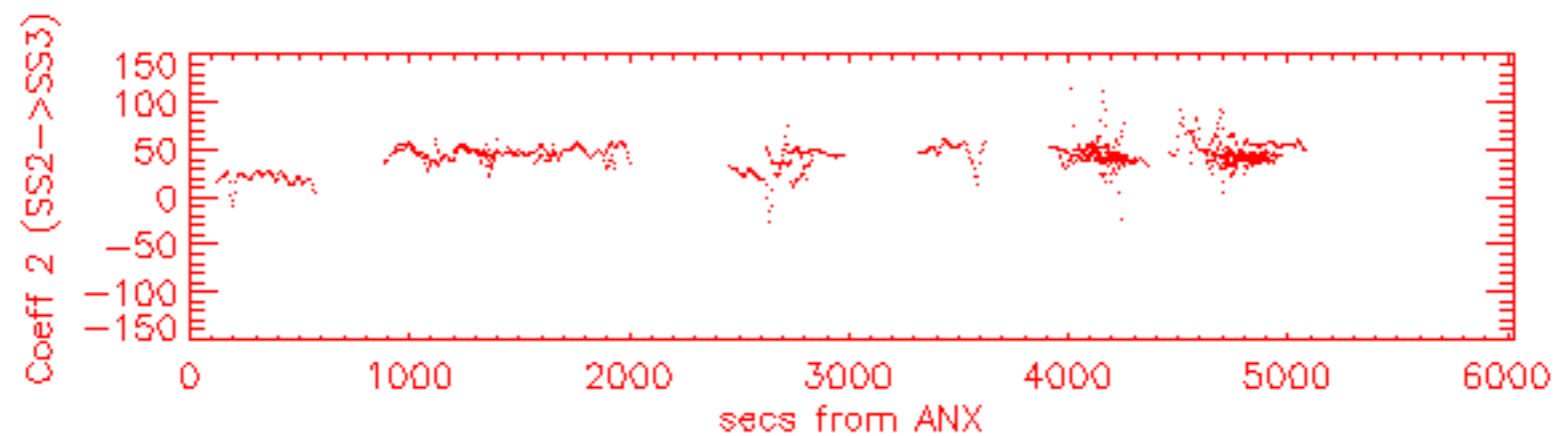
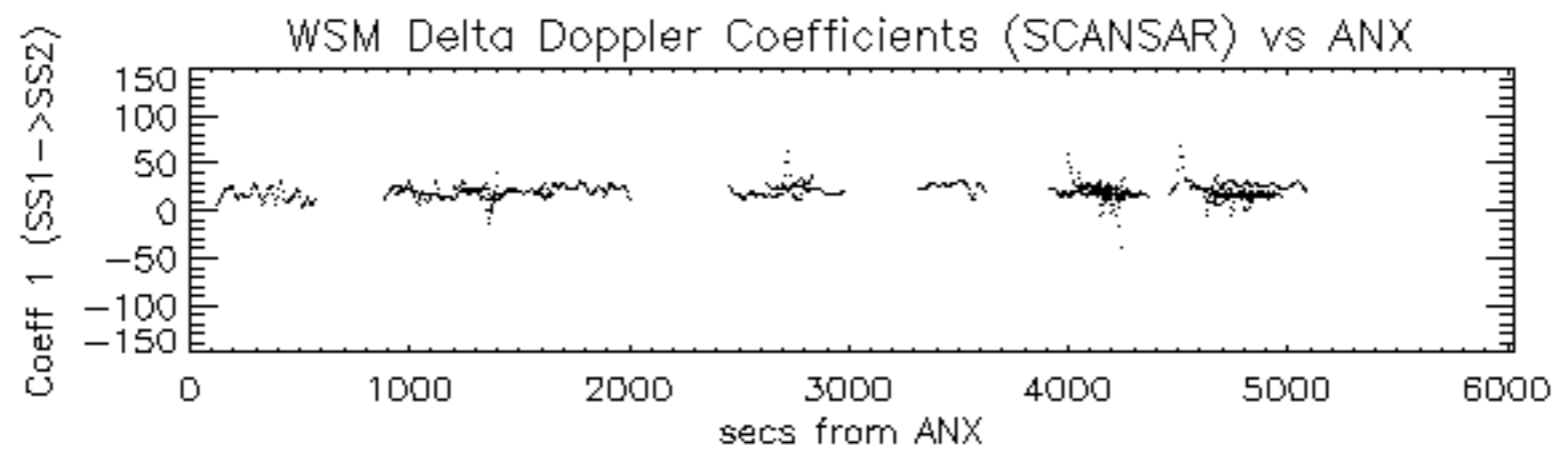


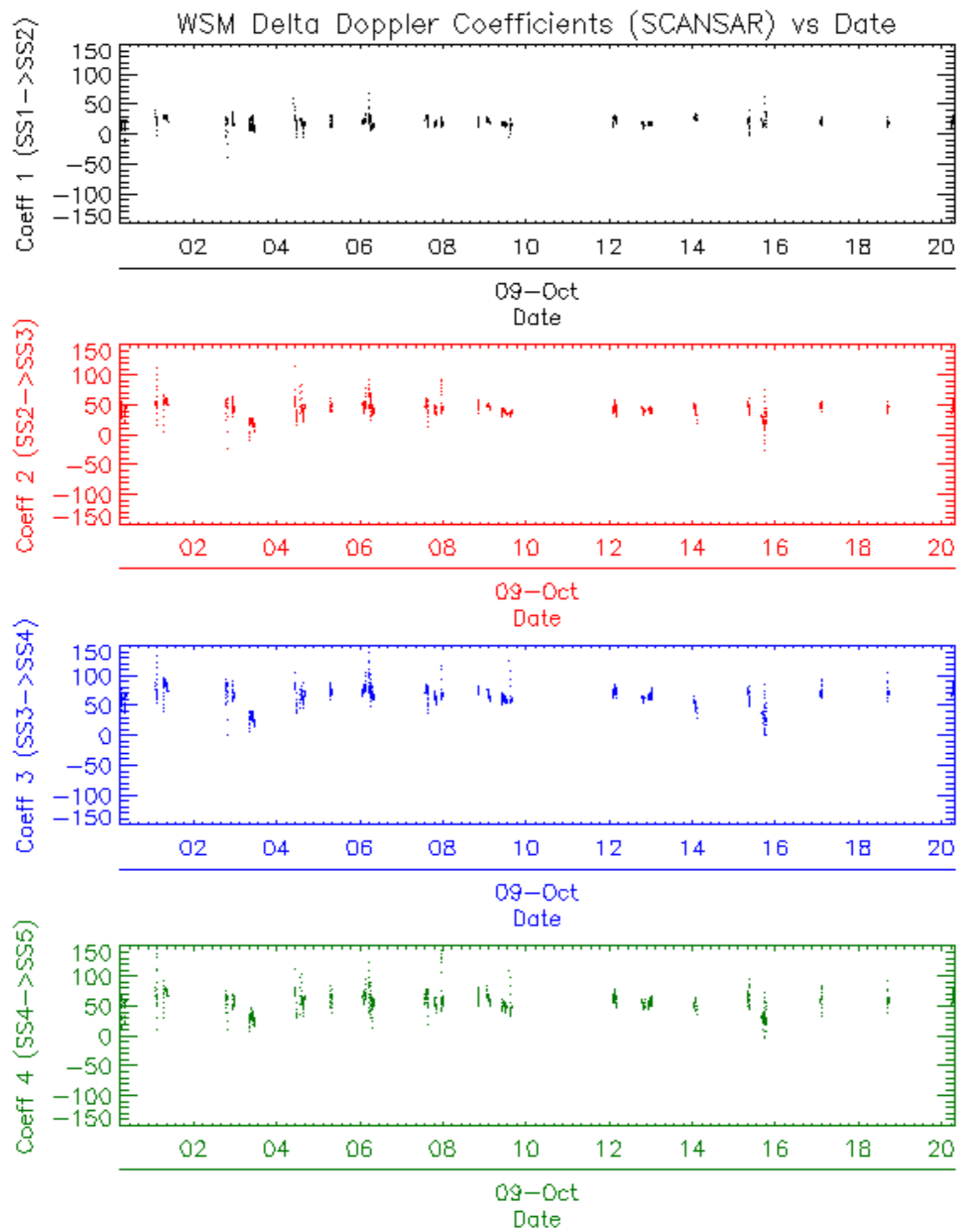


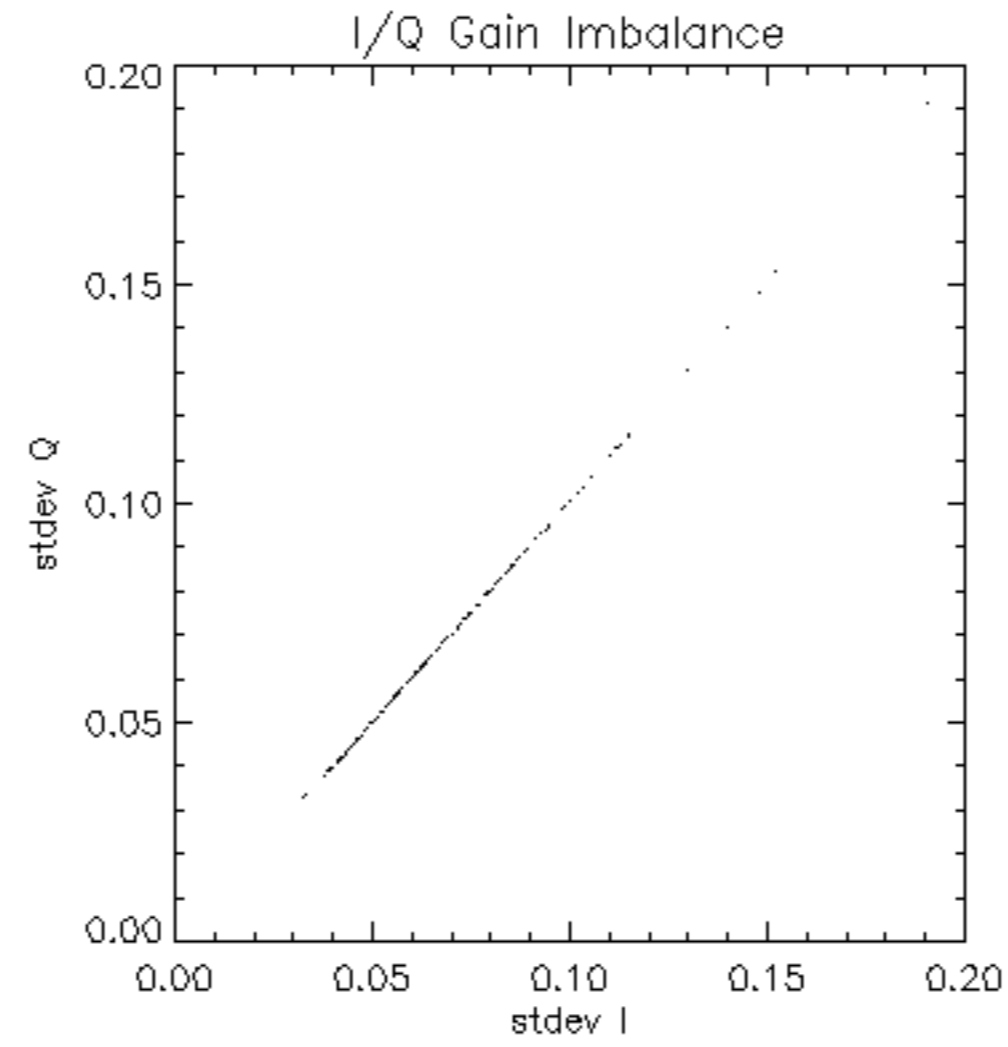


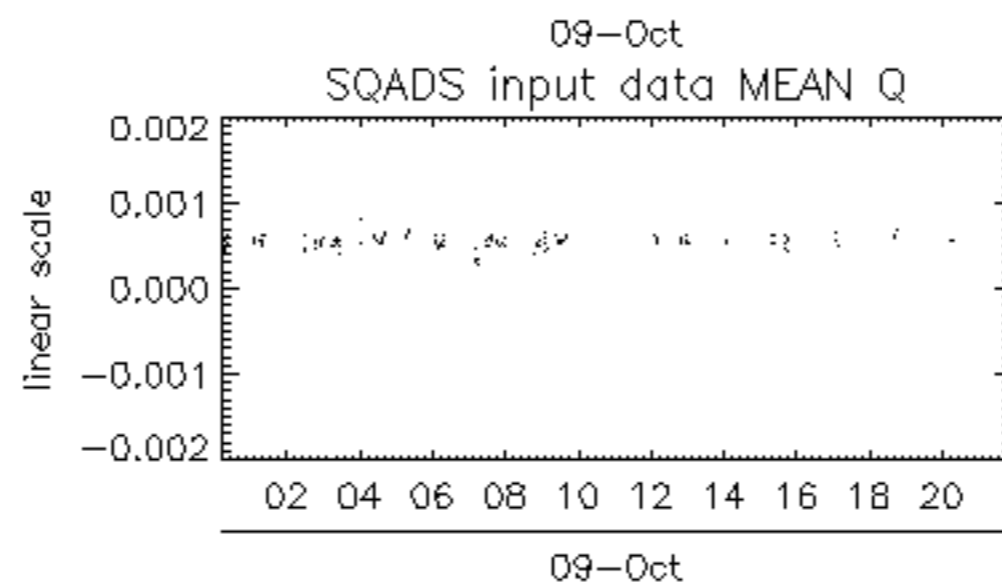
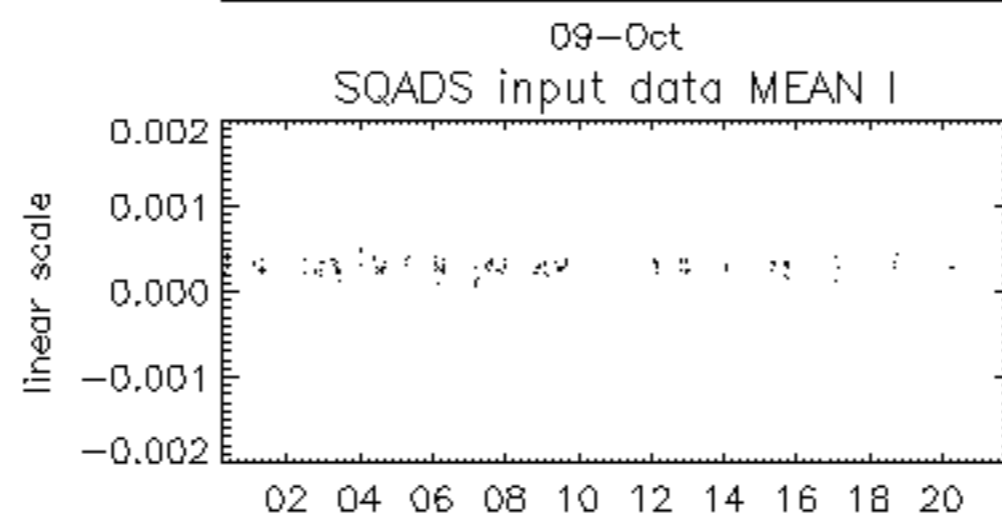
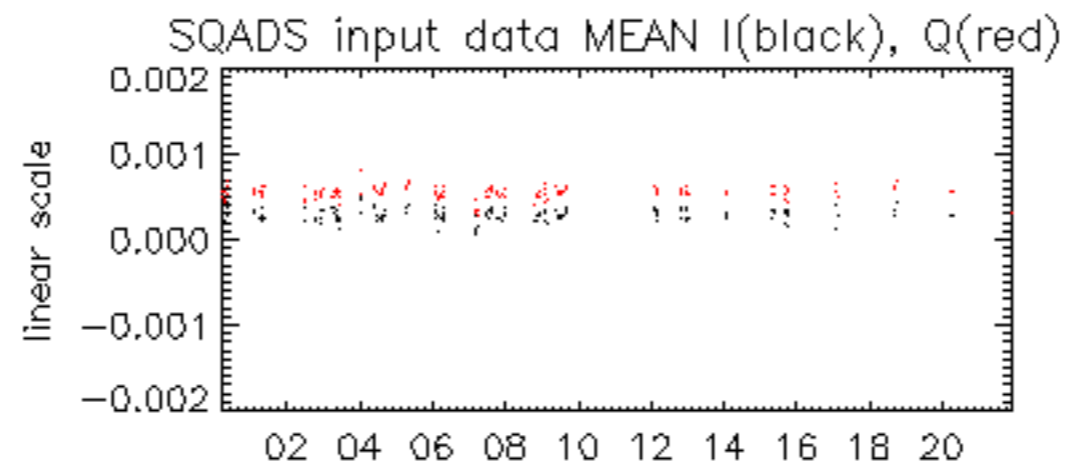


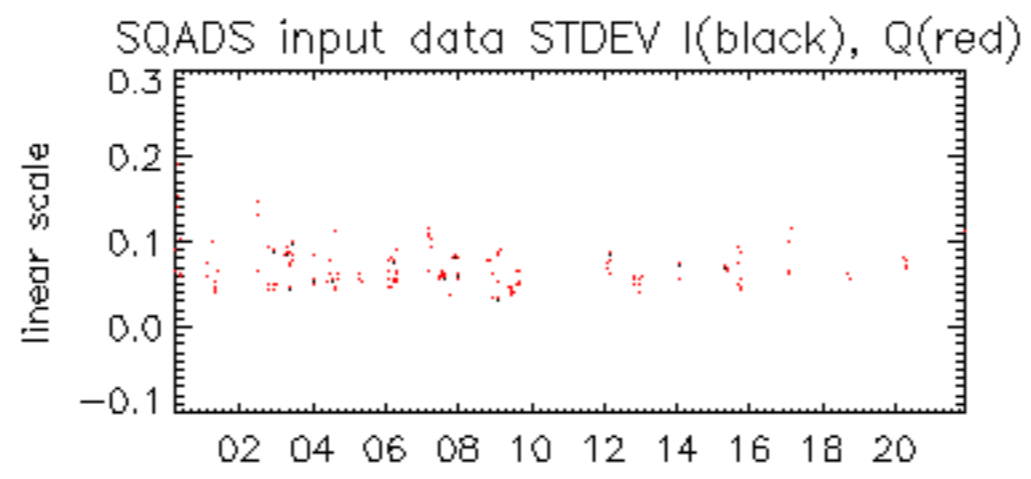




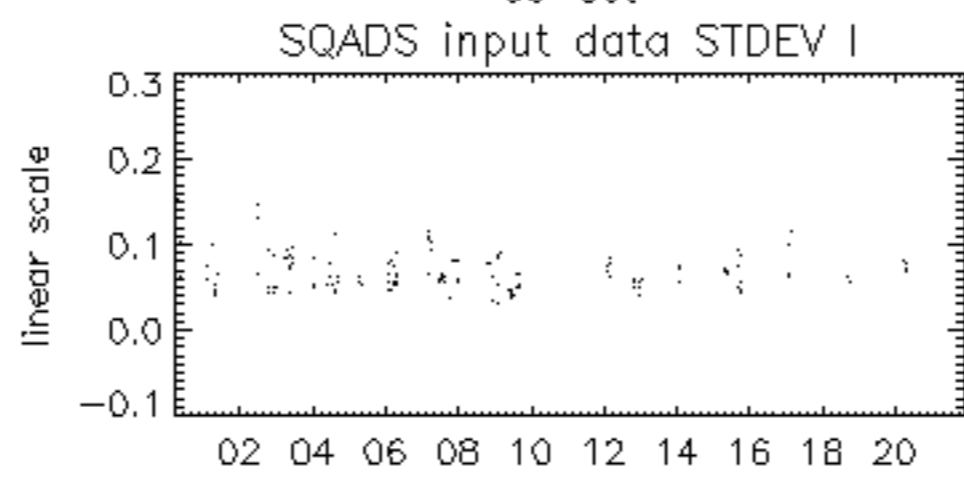




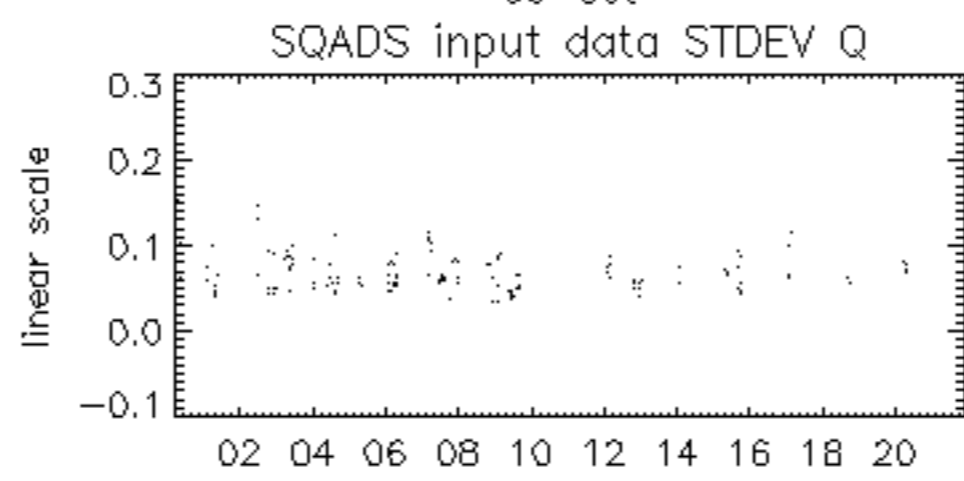




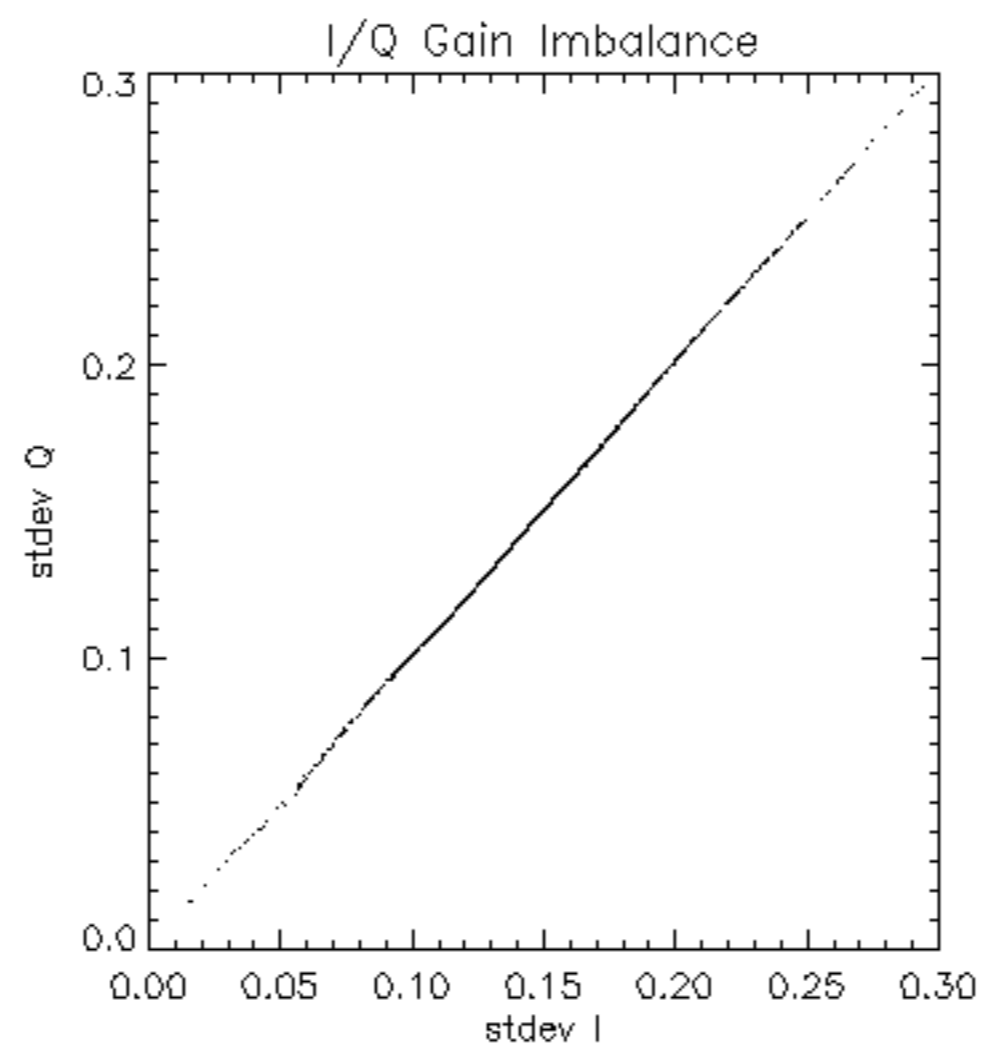
09-Oct

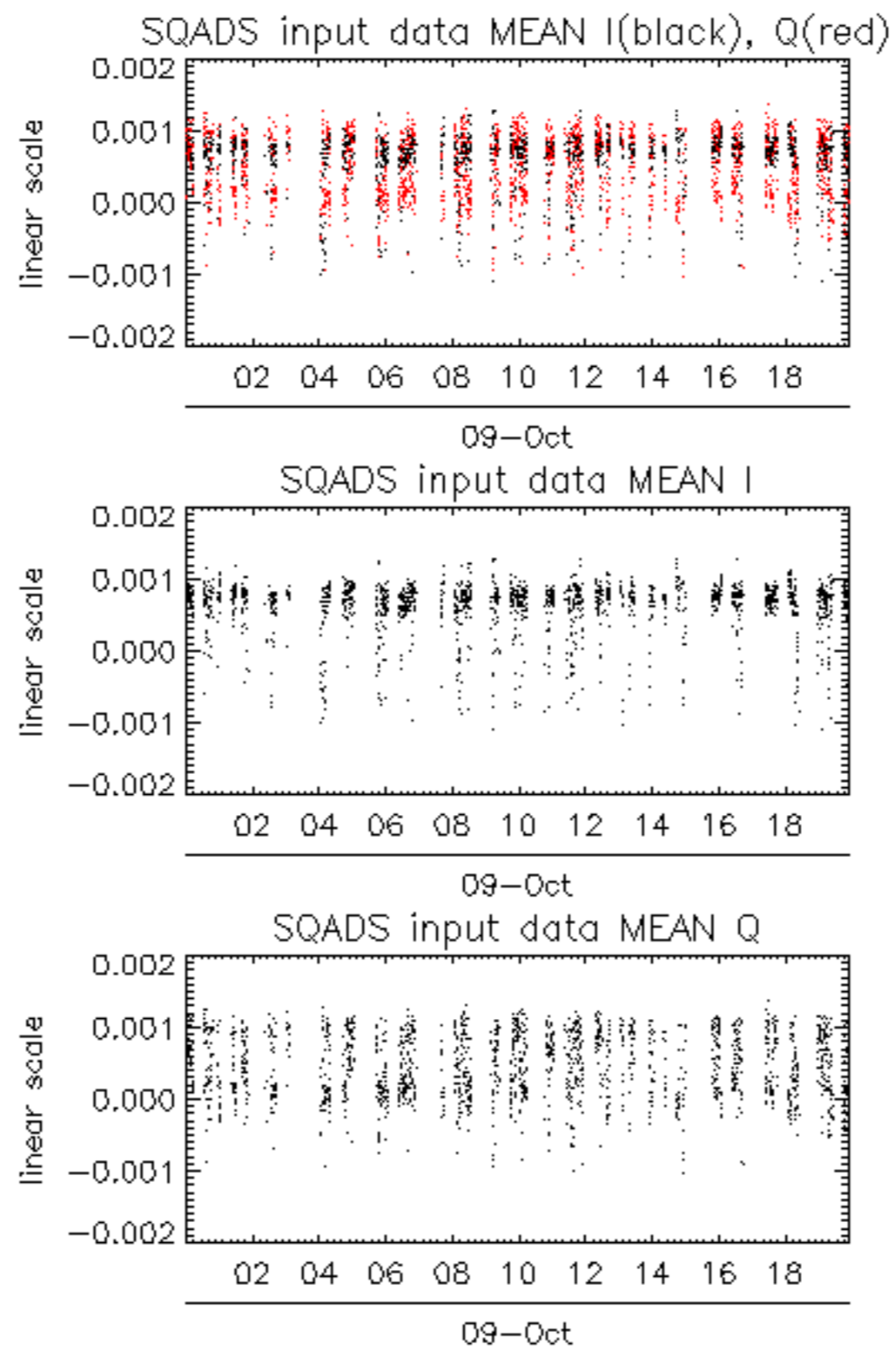


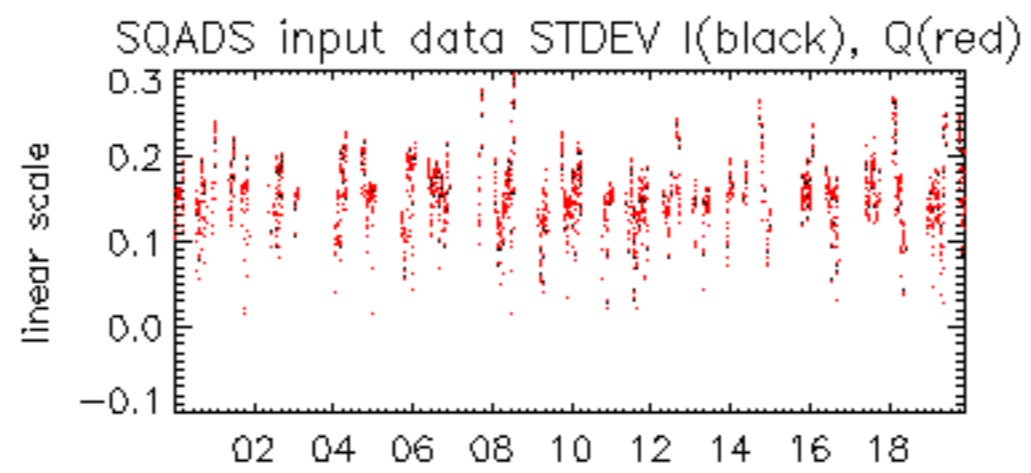
09-Oct



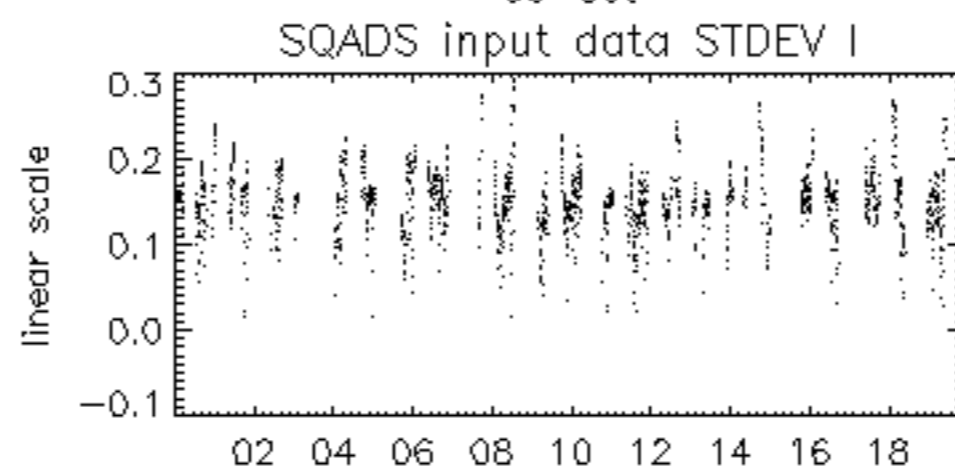
09-Oct



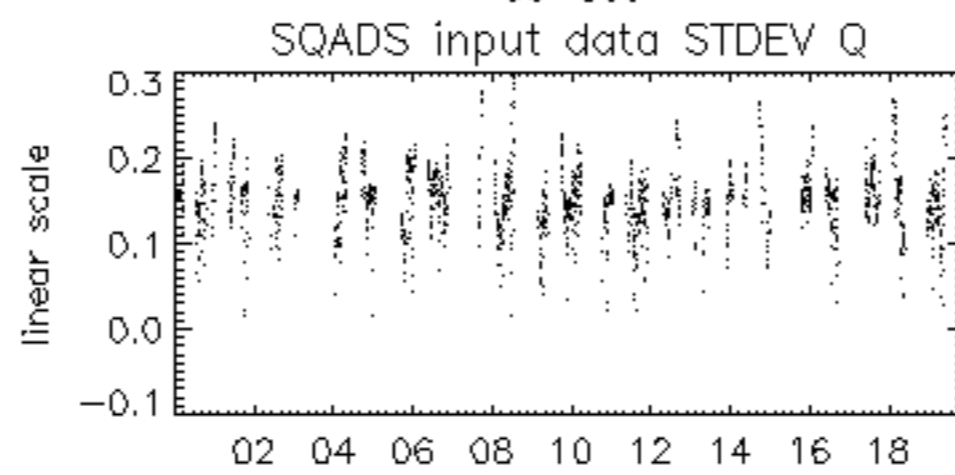




09-Oct



09-Oct



09-Oct

