



Analysis from 21-OCT-2010 00:00:00 to 21-OCT-2010 23:59:59. Page generated on 27-OCT-2010 13:21:55.
View log file: ASAR_Daily_Report_20101027_1321.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS2	V/V	1	PDK	WS	H/H	39	PDE	IS4	V/H	1	PDE	IS2	H/H	1	PDE	WS	H/H	20	PDK	2010-10-21 06:26:24	H	320
PDK	IS2	V/V	18									PDE	IS2	V/V	6	PDE	WS	V/V	8				
												PDE	IS3	V/V	1	PDK	WS	H/H	11				
												PDE	IS6	V/V	1	PDK	WS	V/V	4				
												PDE	IS7	V/V	1								
												PDK	IS2	V/V	2								

1.2 - Lists of products used

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[\[TXT\]](#) [\[XLS\]](#) List_WVS_products_used
[\[TXT\]](#) [\[XLS\]](#) List_GM1_products_used
[\[TXT\]](#) [\[XLS\]](#) List_APM_products_used
[\[TXT\]](#) [\[XLS\]](#) List_IMM_products_used
[\[TXT\]](#) [\[XLS\]](#) List_WSM_products_used
[\[TXT\]](#) [\[XLS\]](#) List_MS_products_used

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

2.2 - Products with wrong ADFs

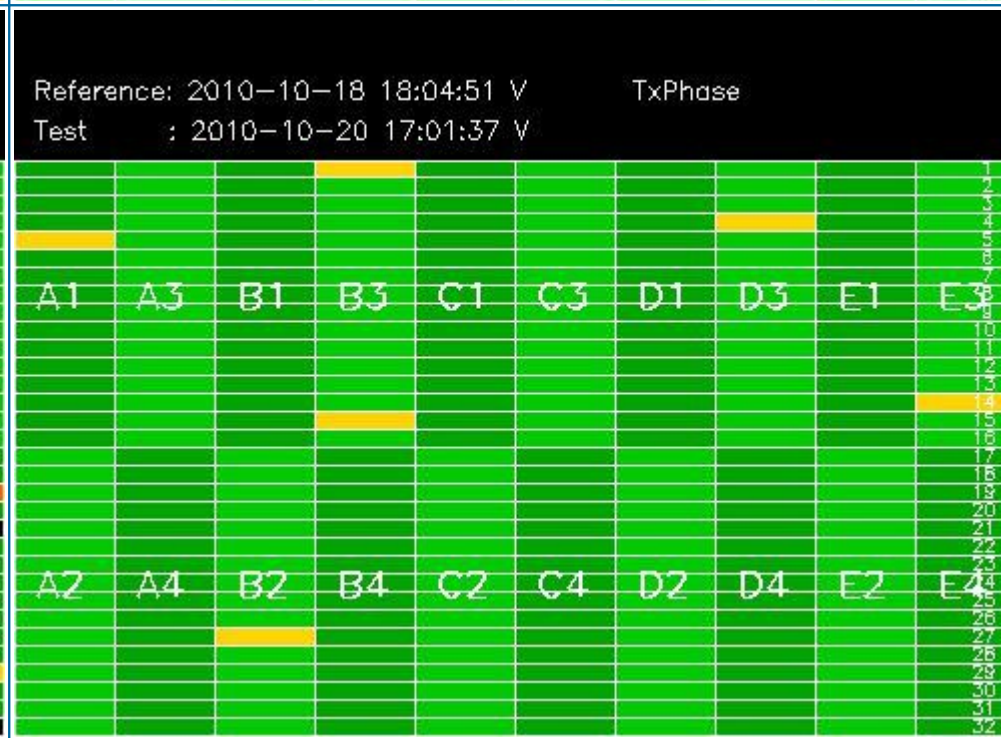
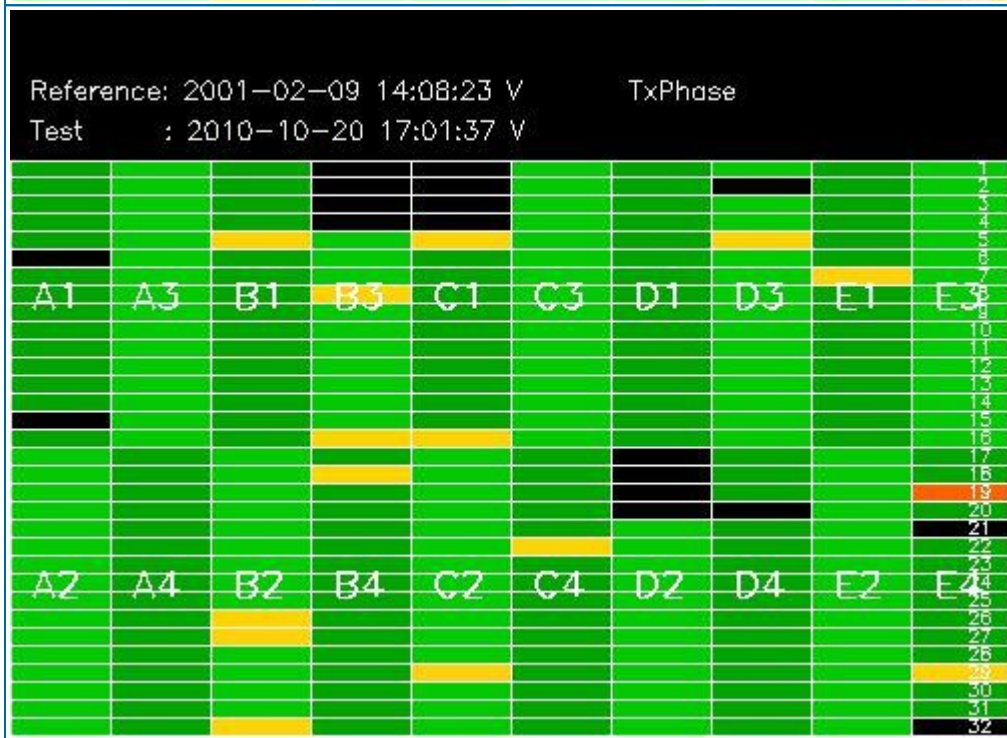
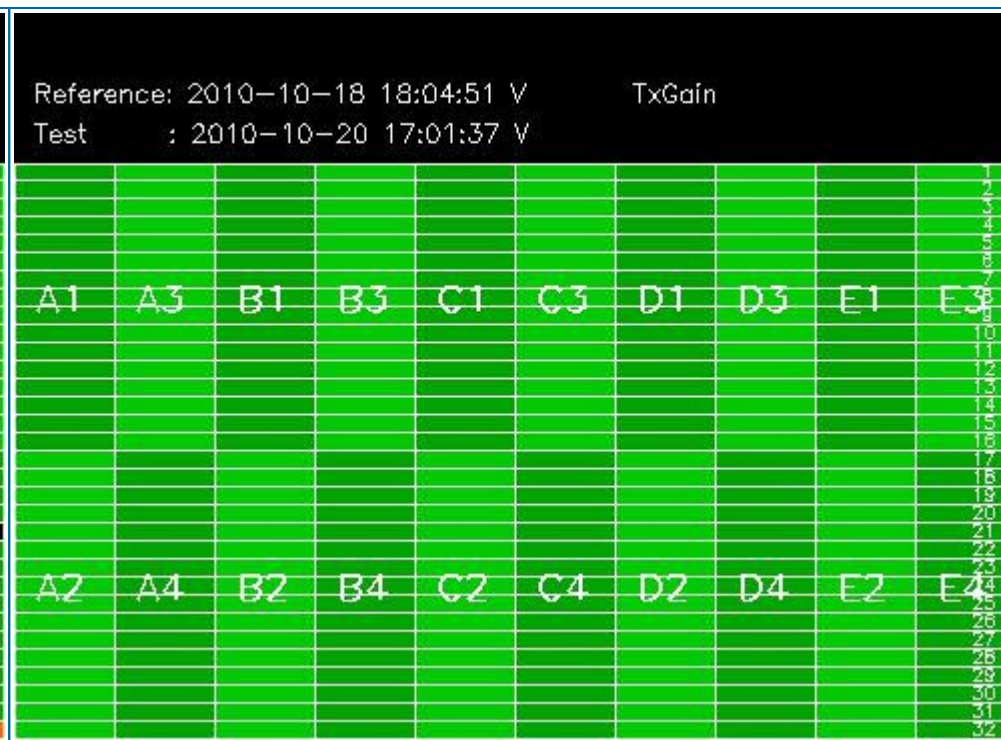
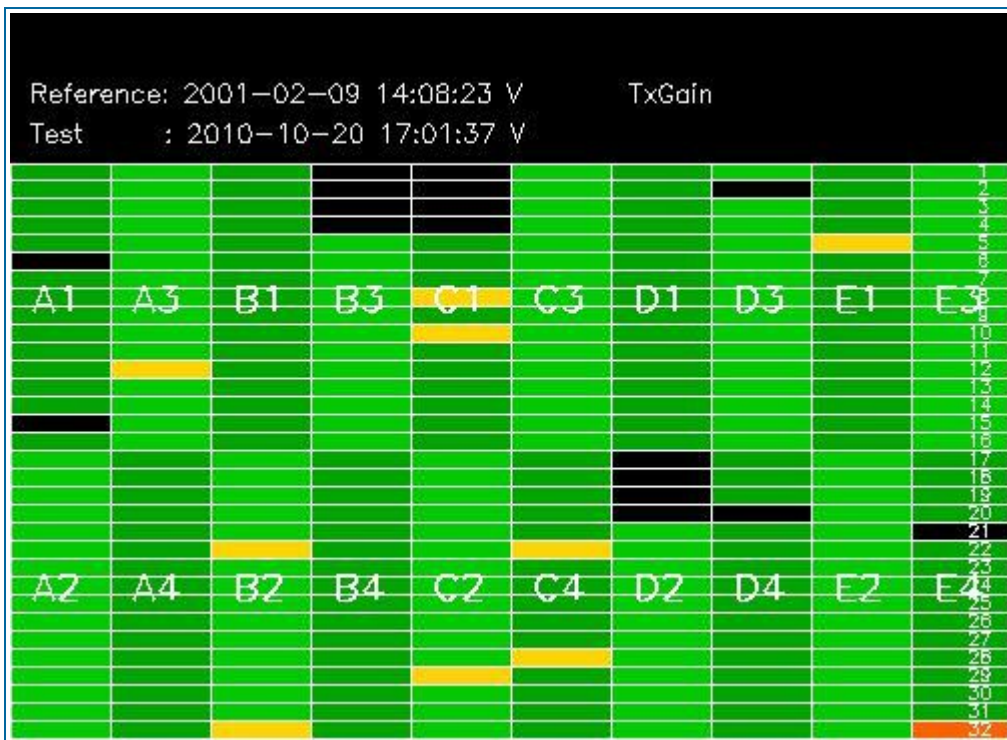
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_WVS
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_GM1
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_APM
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_IMM
[\[TXT\]](#) [\[XLS\]](#) Check_ADFs_WSM

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE										PREVIOUS PRODUCT REFERENCE									
Pre-launch reference (2001-02-09)										Previous product in the same polarisation									
Reference: 2001-02-09 14:08:23 V Test : 2010-10-20 17:01:37 V										Reference: 2010-10-18 18:04:51 V Test : 2010-10-20 17:01:37 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 Test : 2010-10-20 17:01:37 V										Reference: 2010-10-18 18:04:51 V Test : 2010-10-20 17:01:37 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

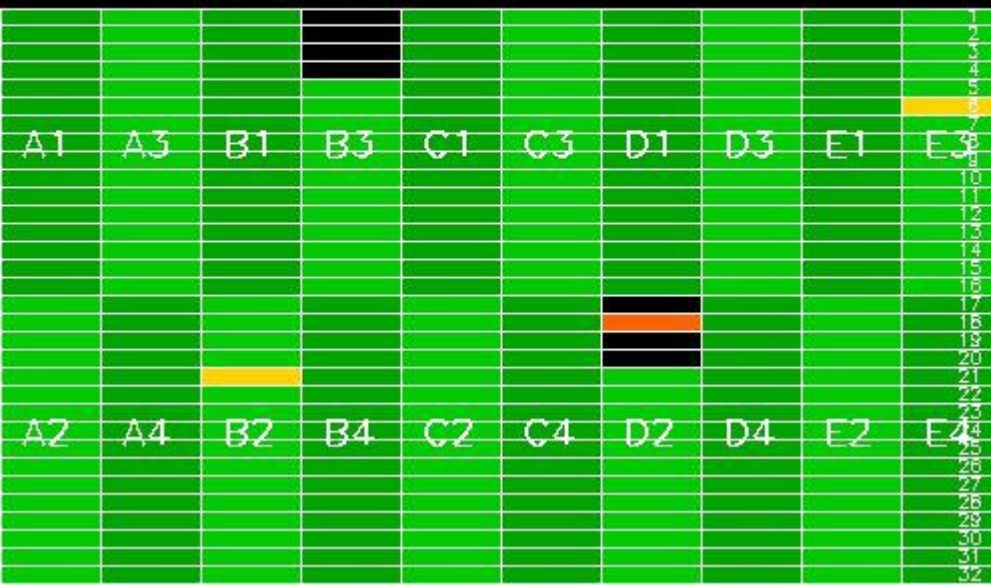


3.2 - H/H polarisation

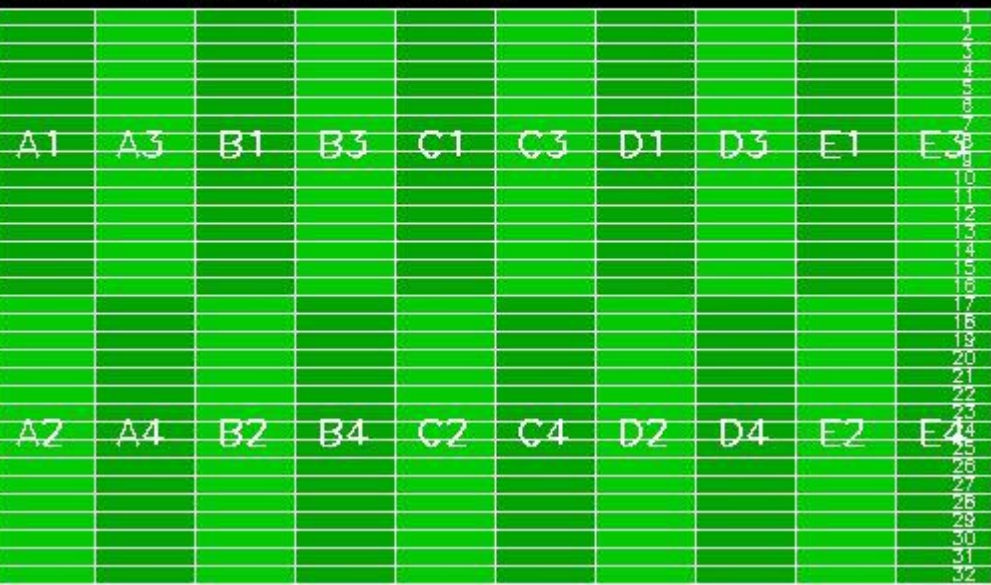
[[BACK TO MENU](#)]

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

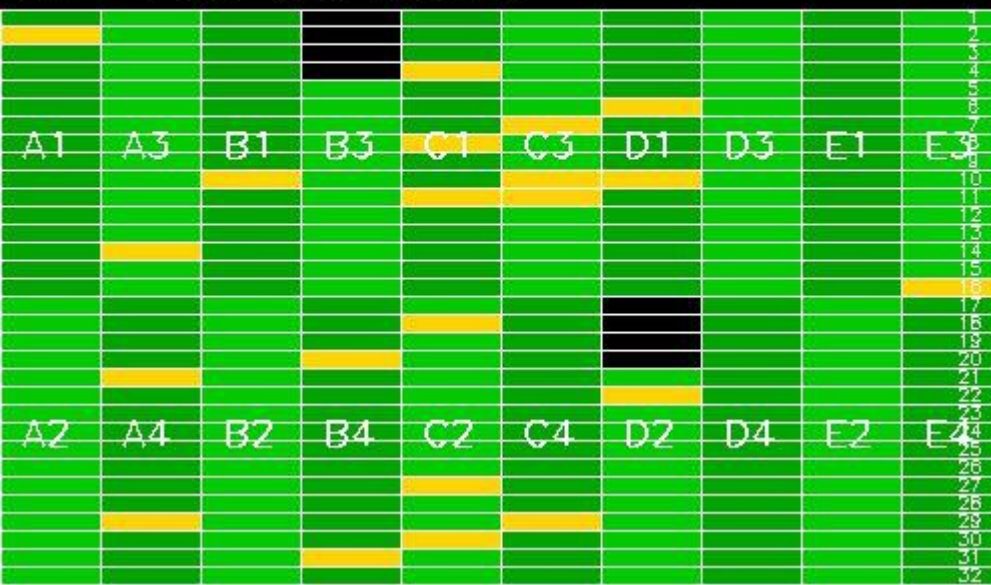
Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2010-10-21 06:26:24 H



Reference: 2010-10-19 17:33:14 H RxGain
 Test : 2010-10-21 06:26:24 H

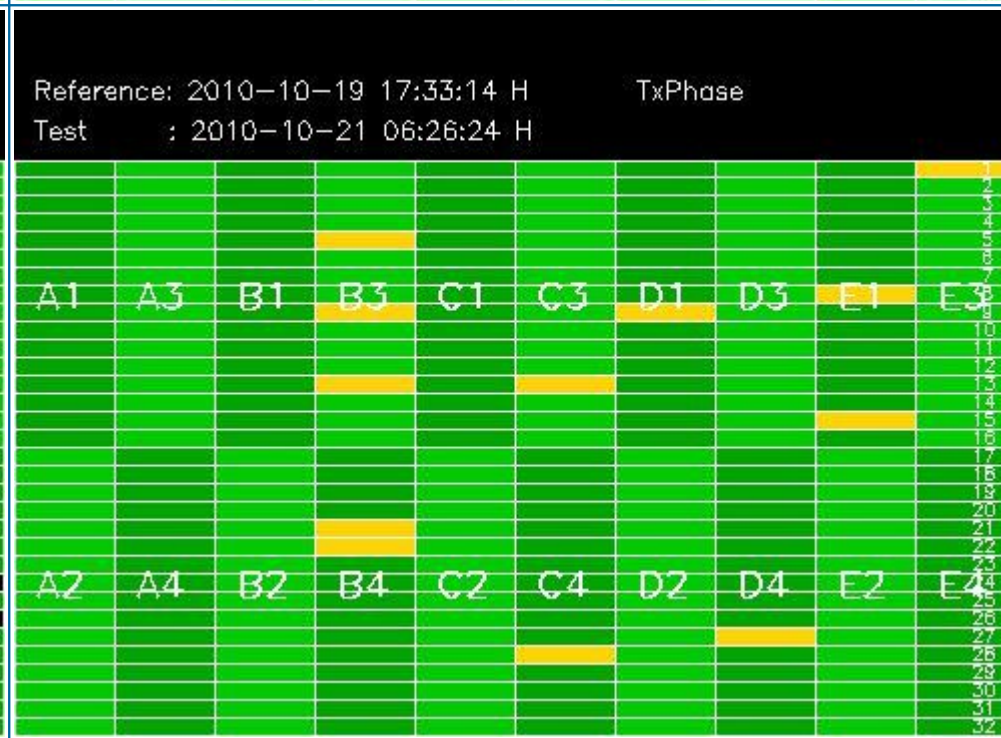
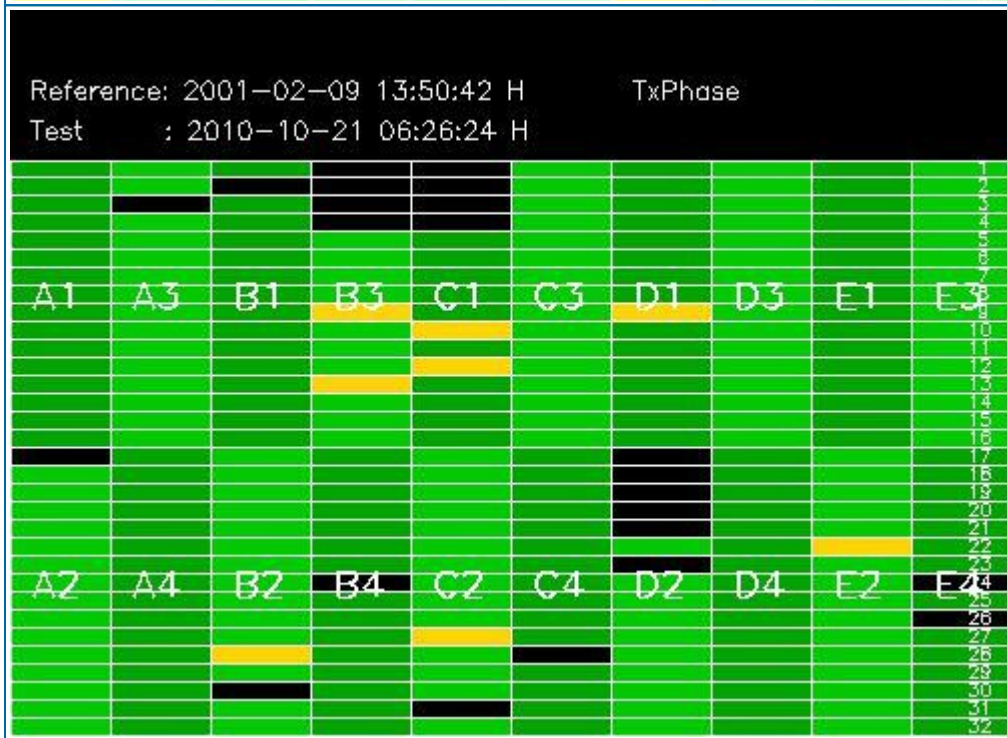
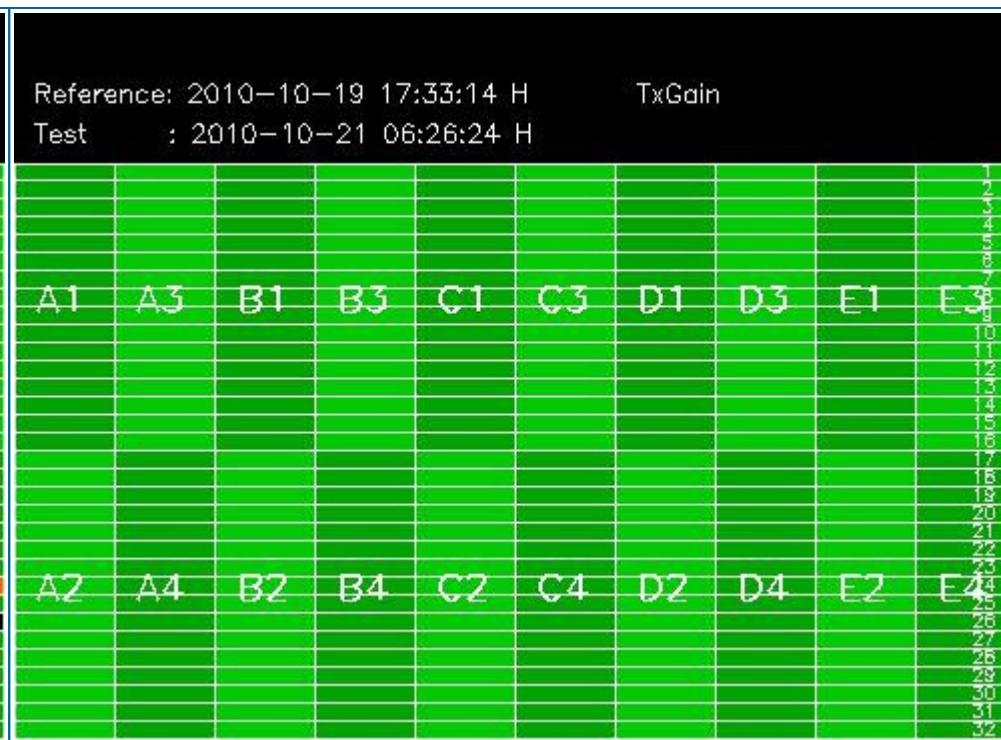
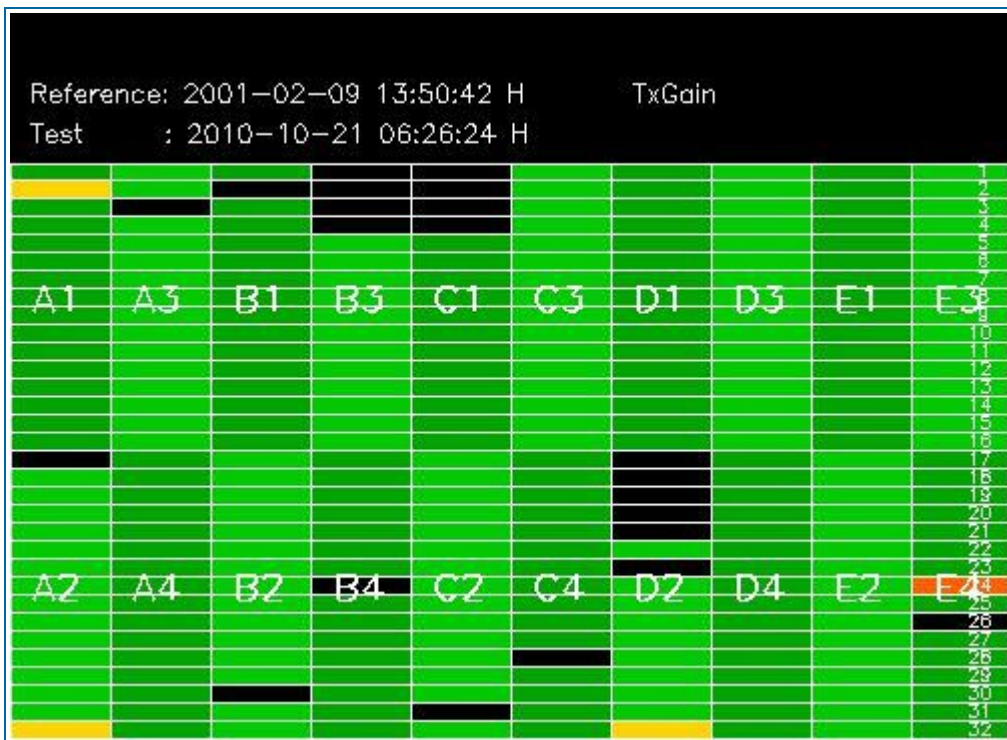


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2010-10-21 06:26:24 H



Reference: 2010-10-19 17:33:14 H RxPhase
 Test : 2010-10-21 06:26:24 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

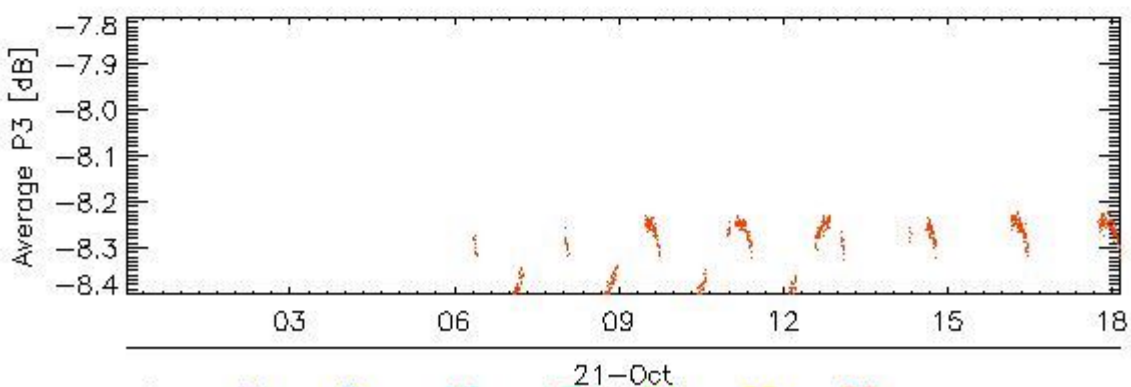
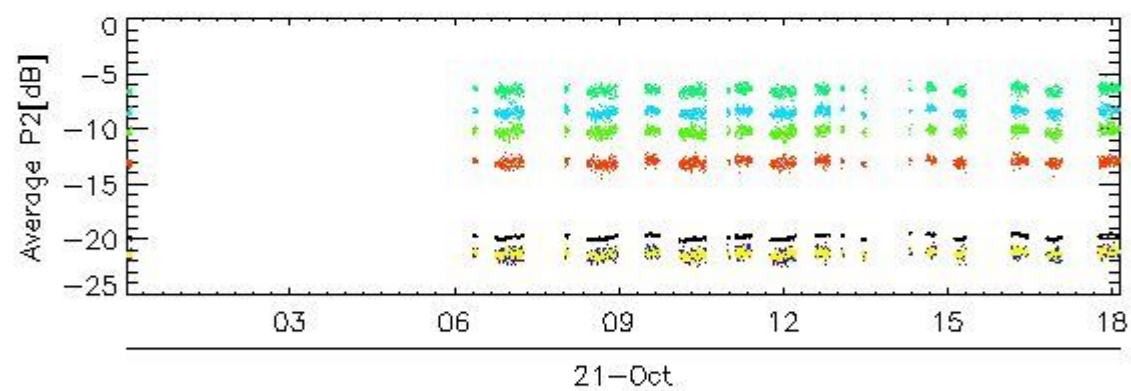
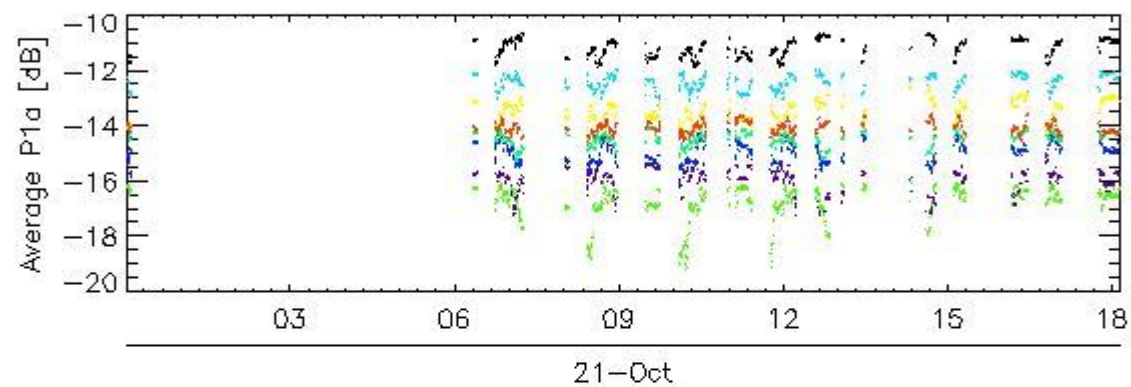
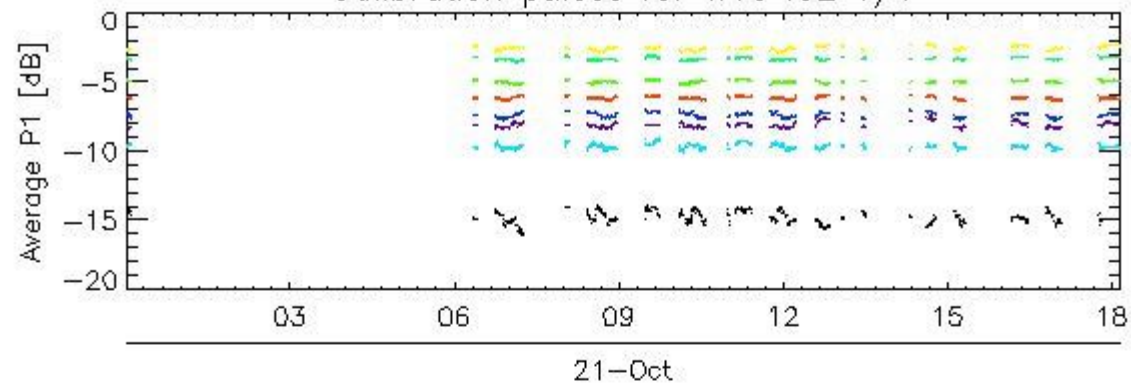
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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

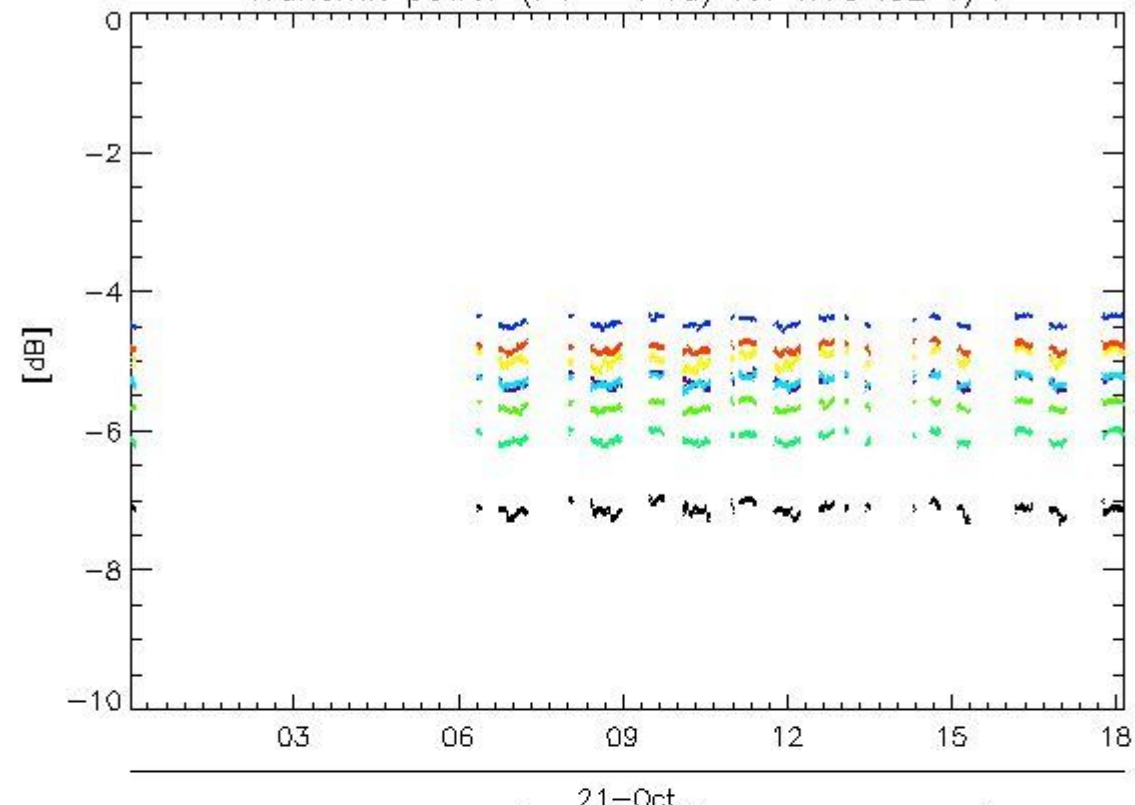
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V

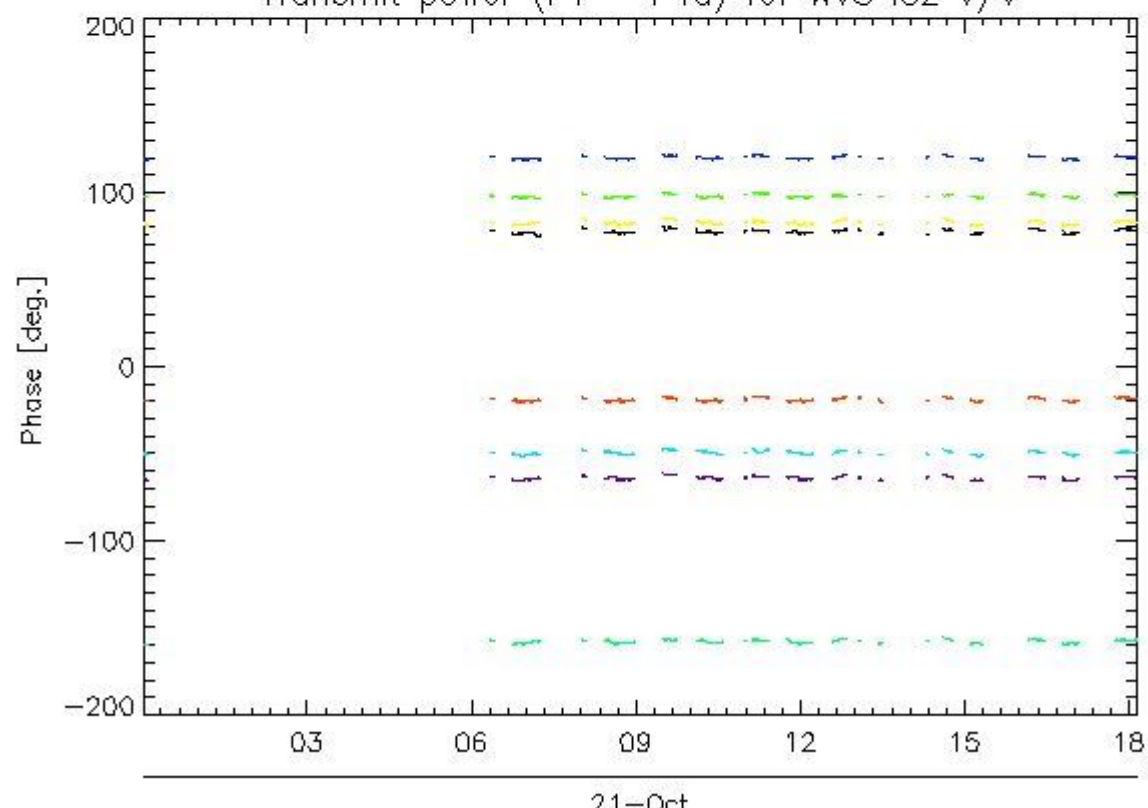


rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

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



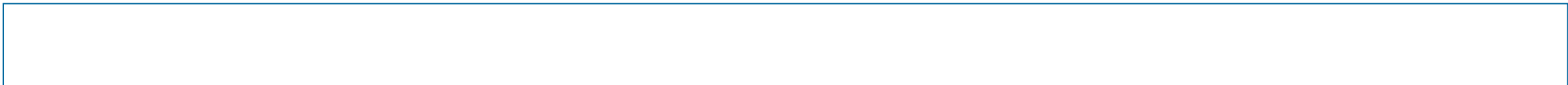
Transmit power (P1 - P1a) for WVS IS2 V/V

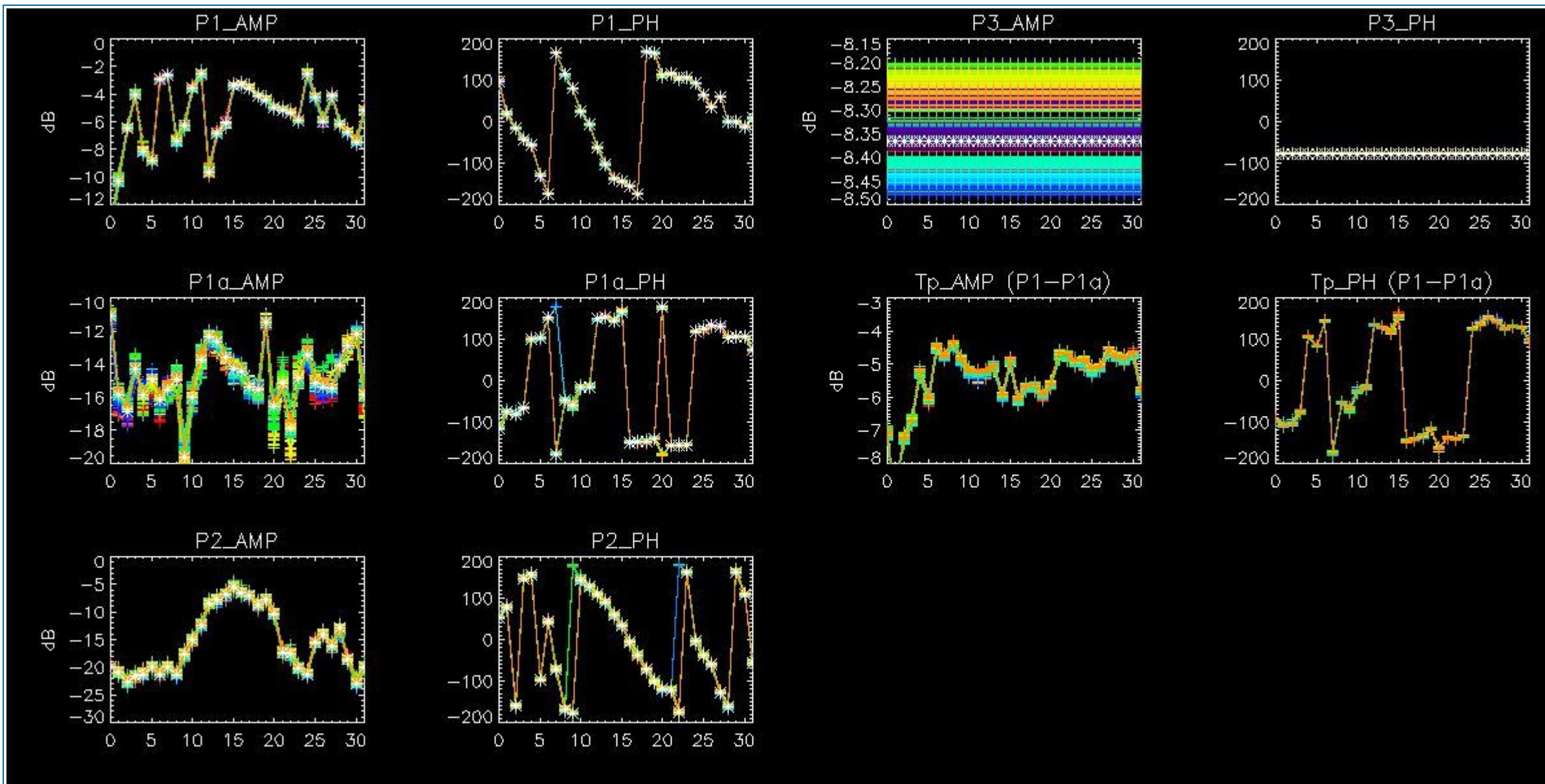


rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

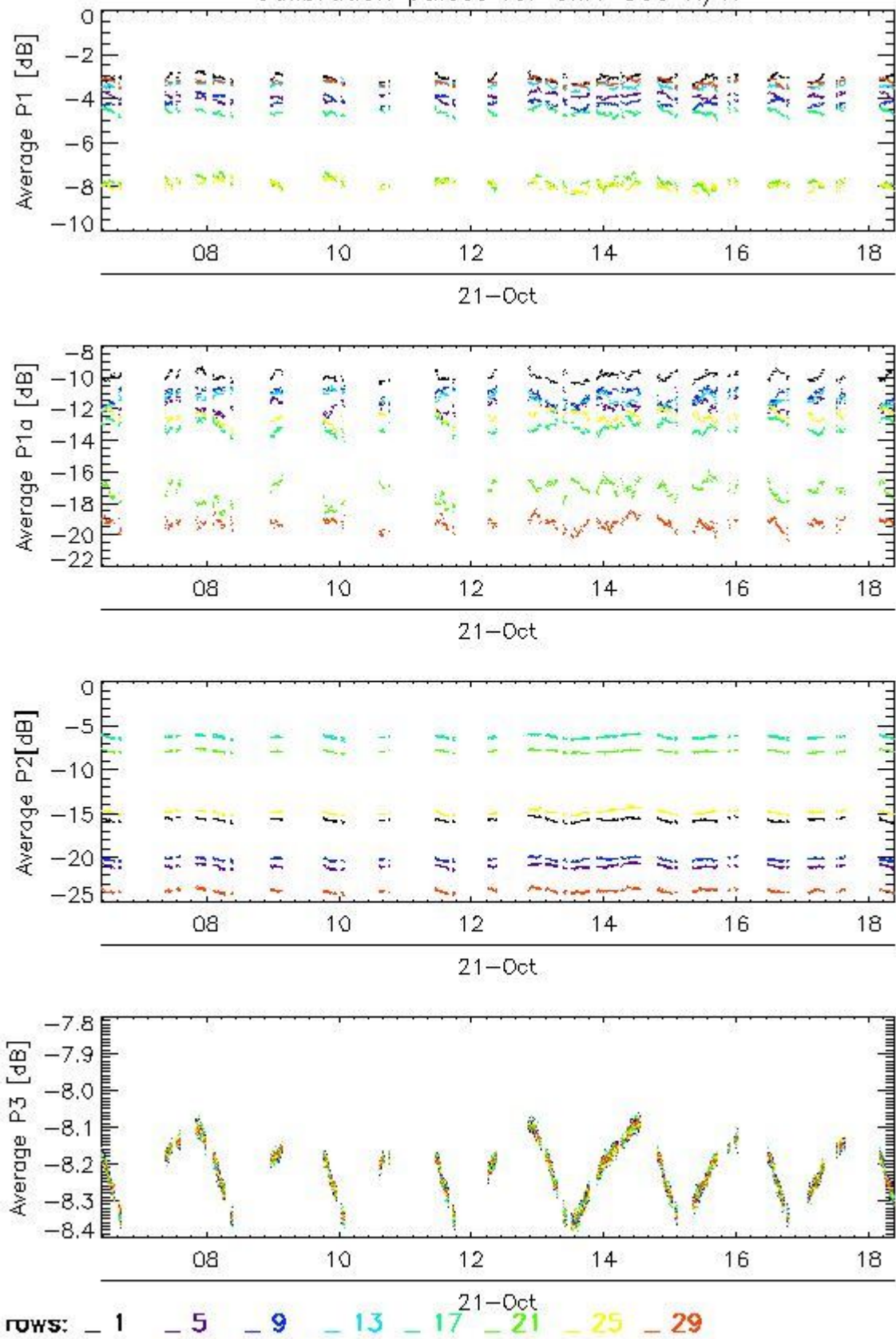
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

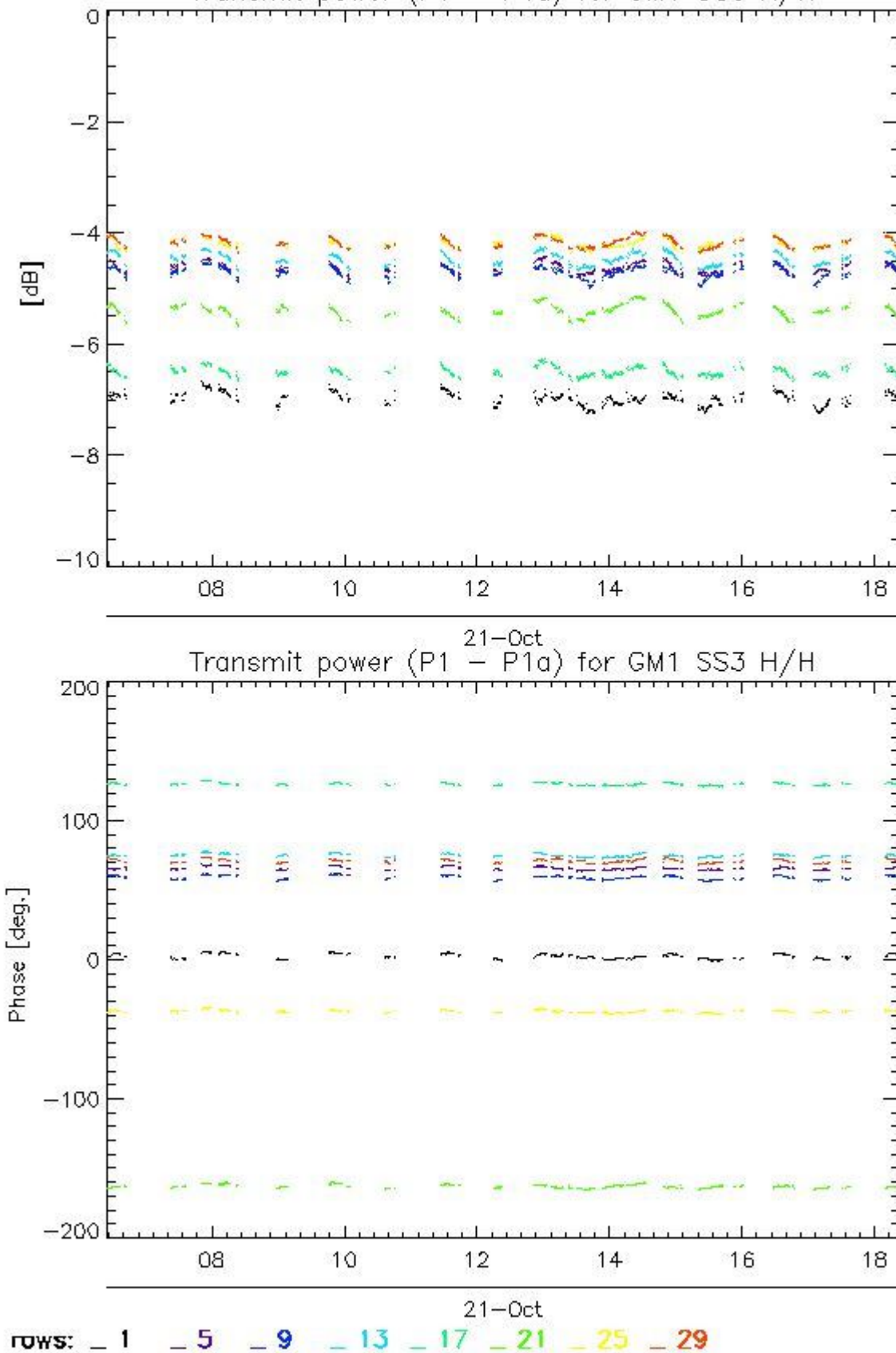
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



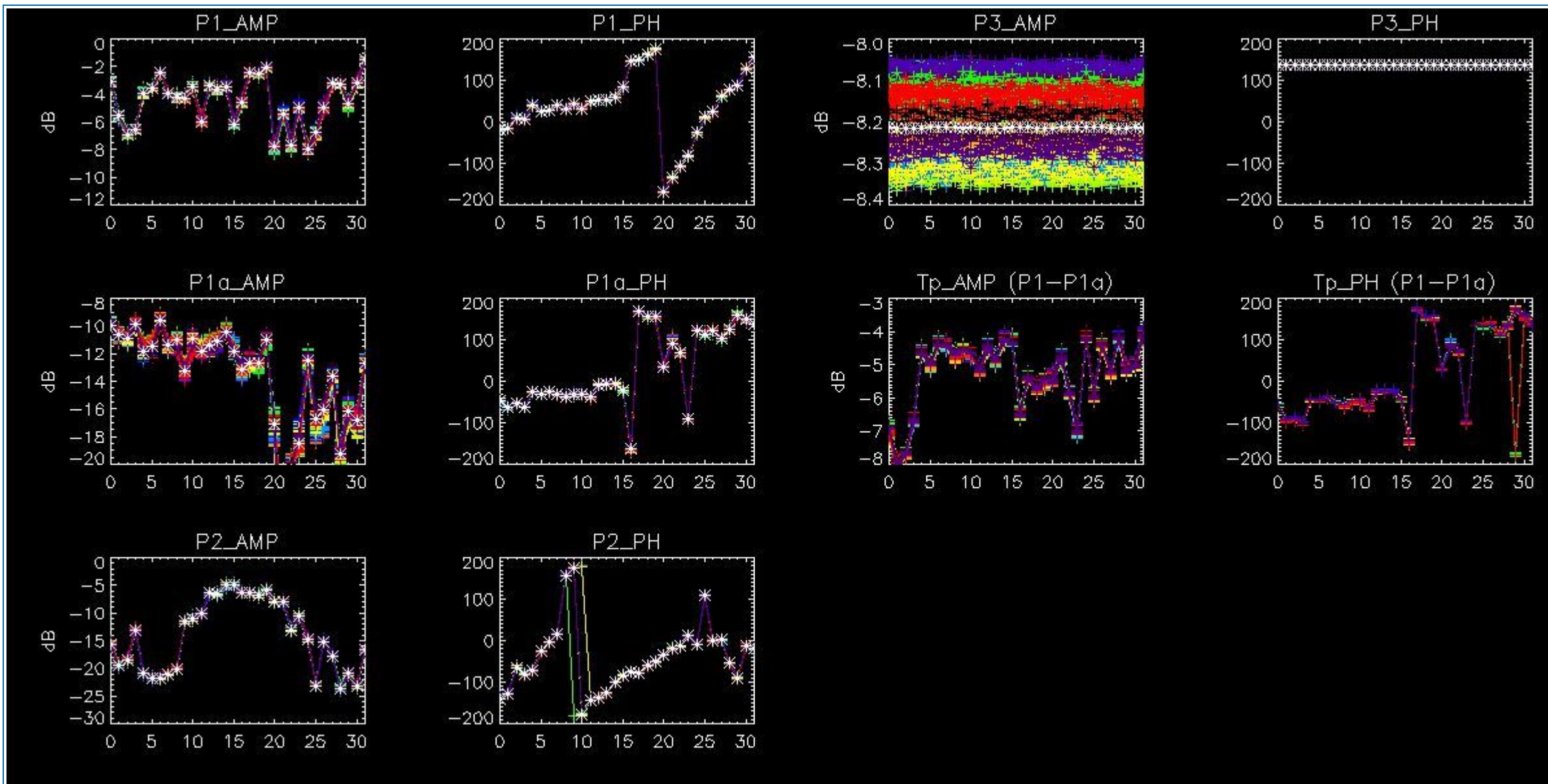
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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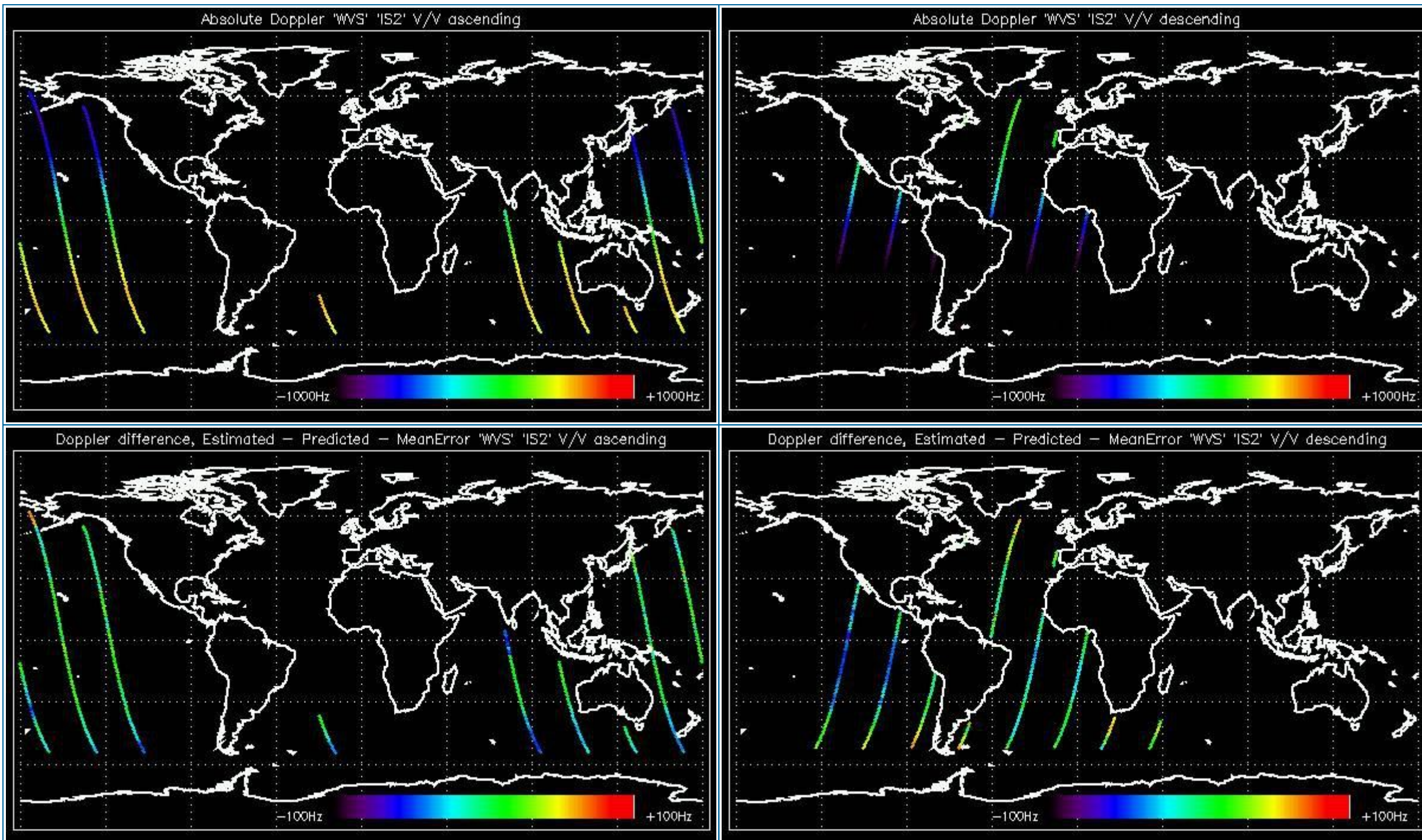
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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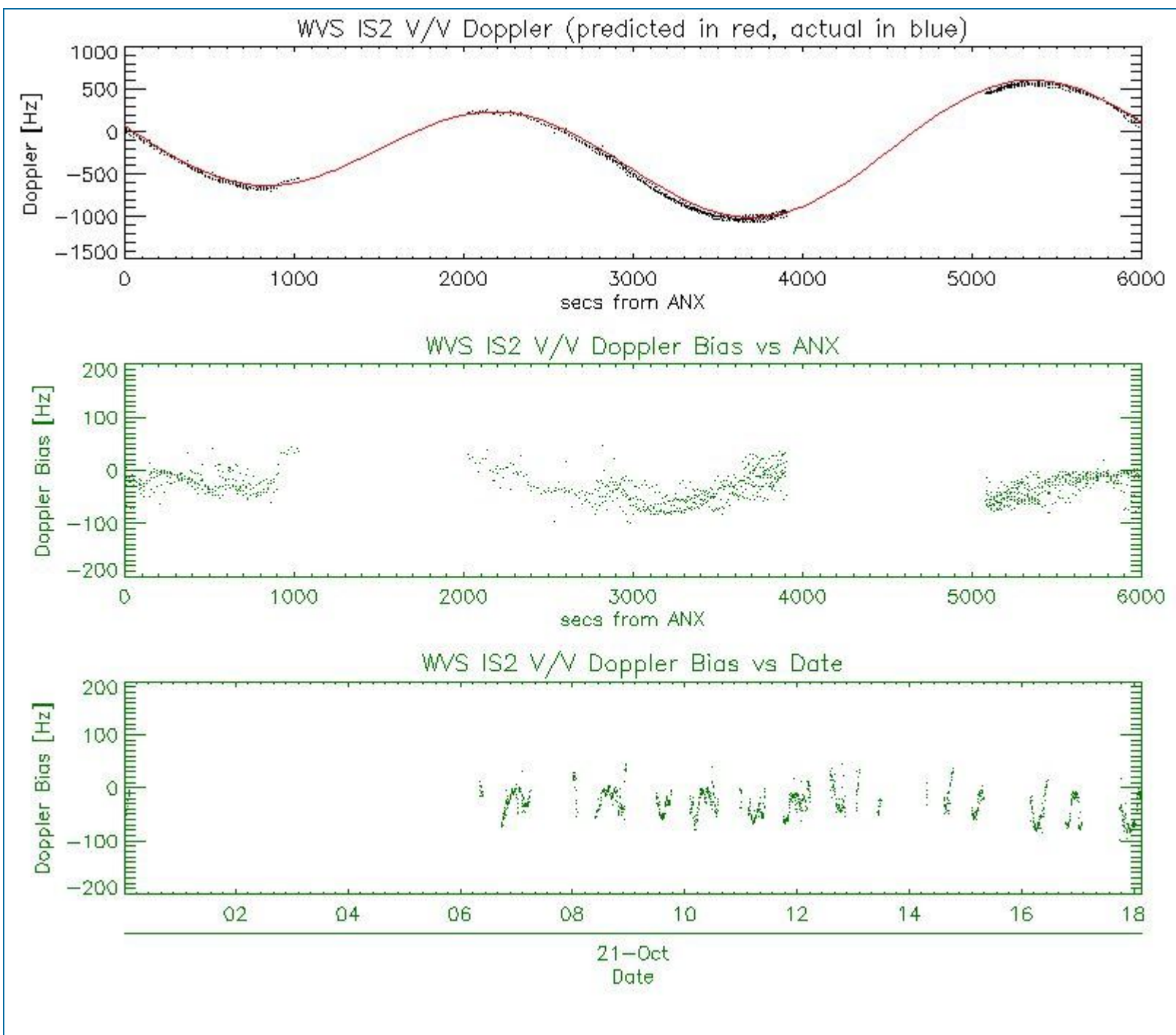




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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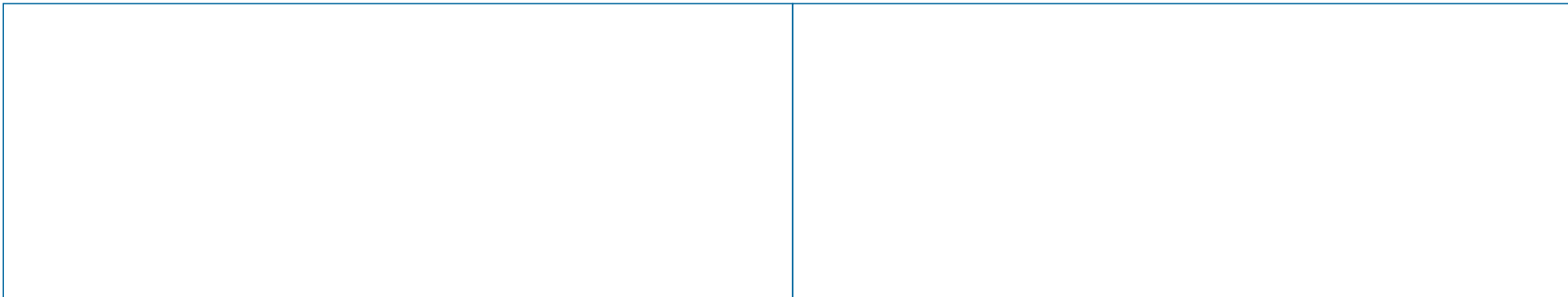


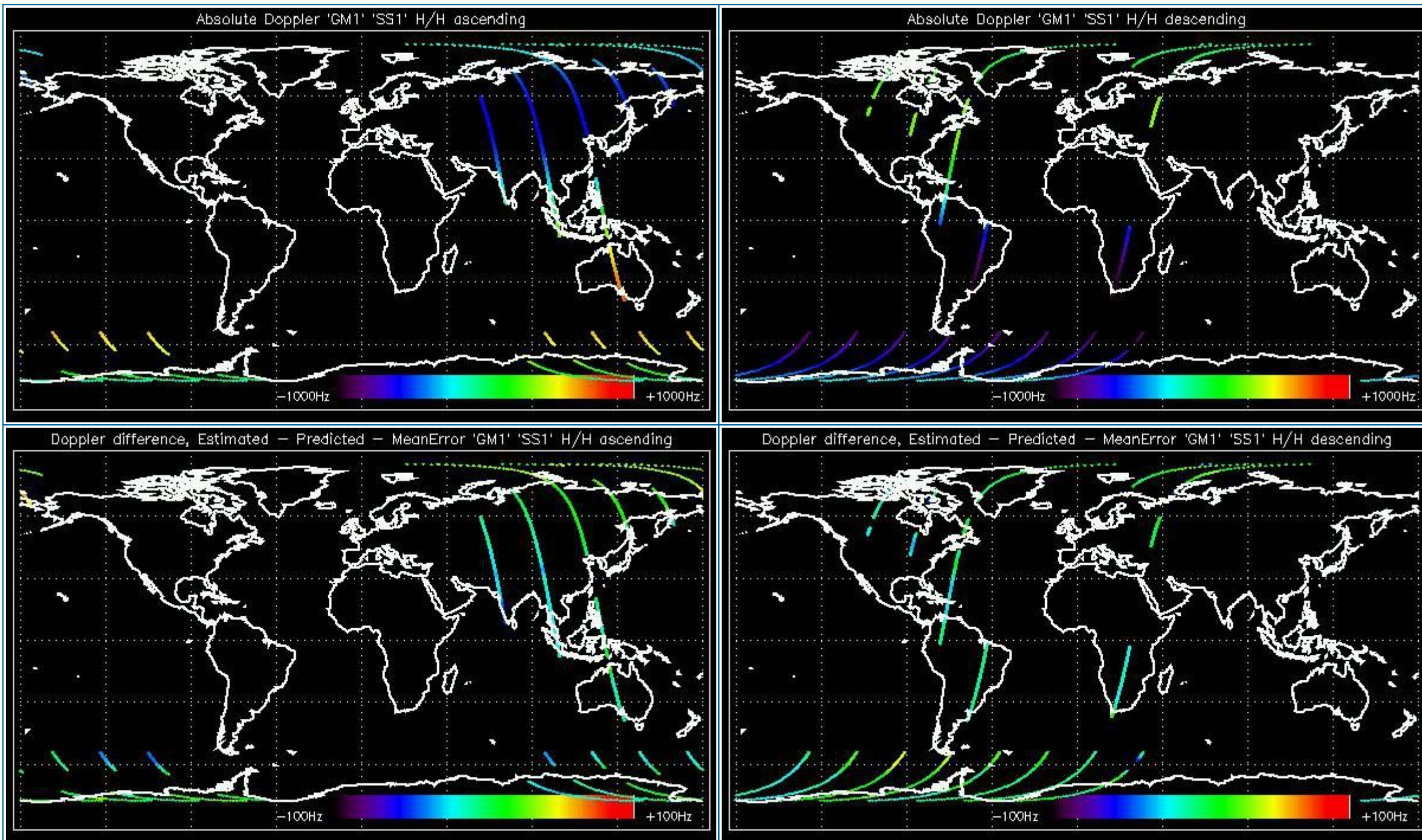


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

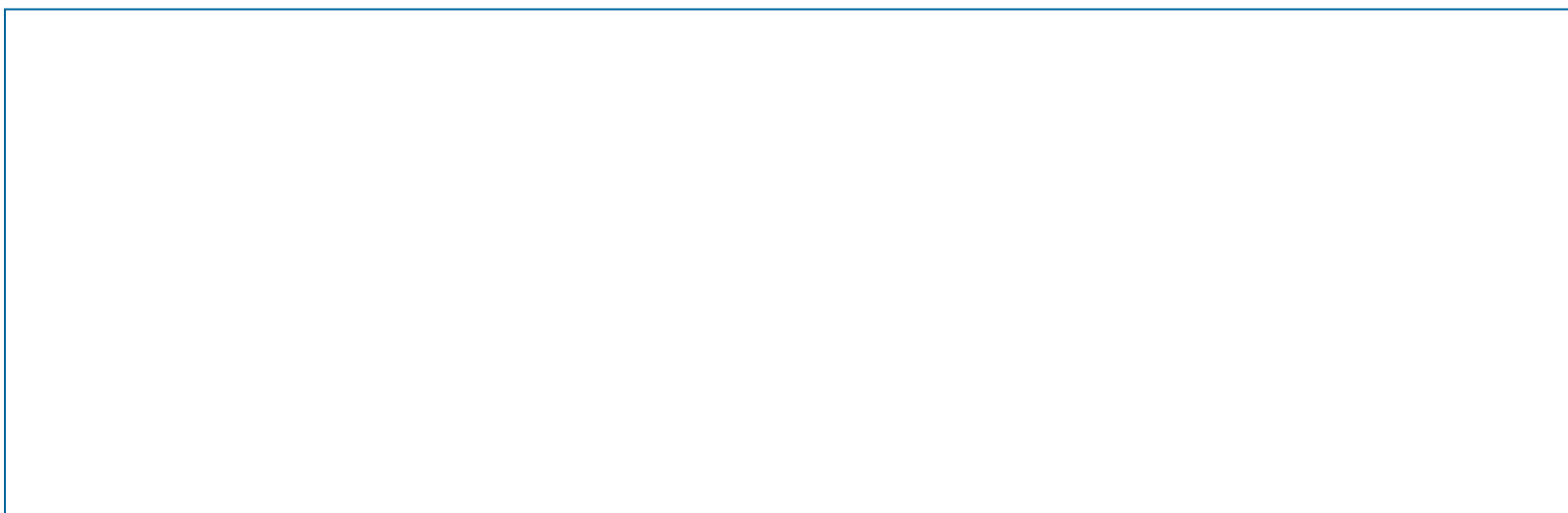
[[BACK TO MENU](#)]

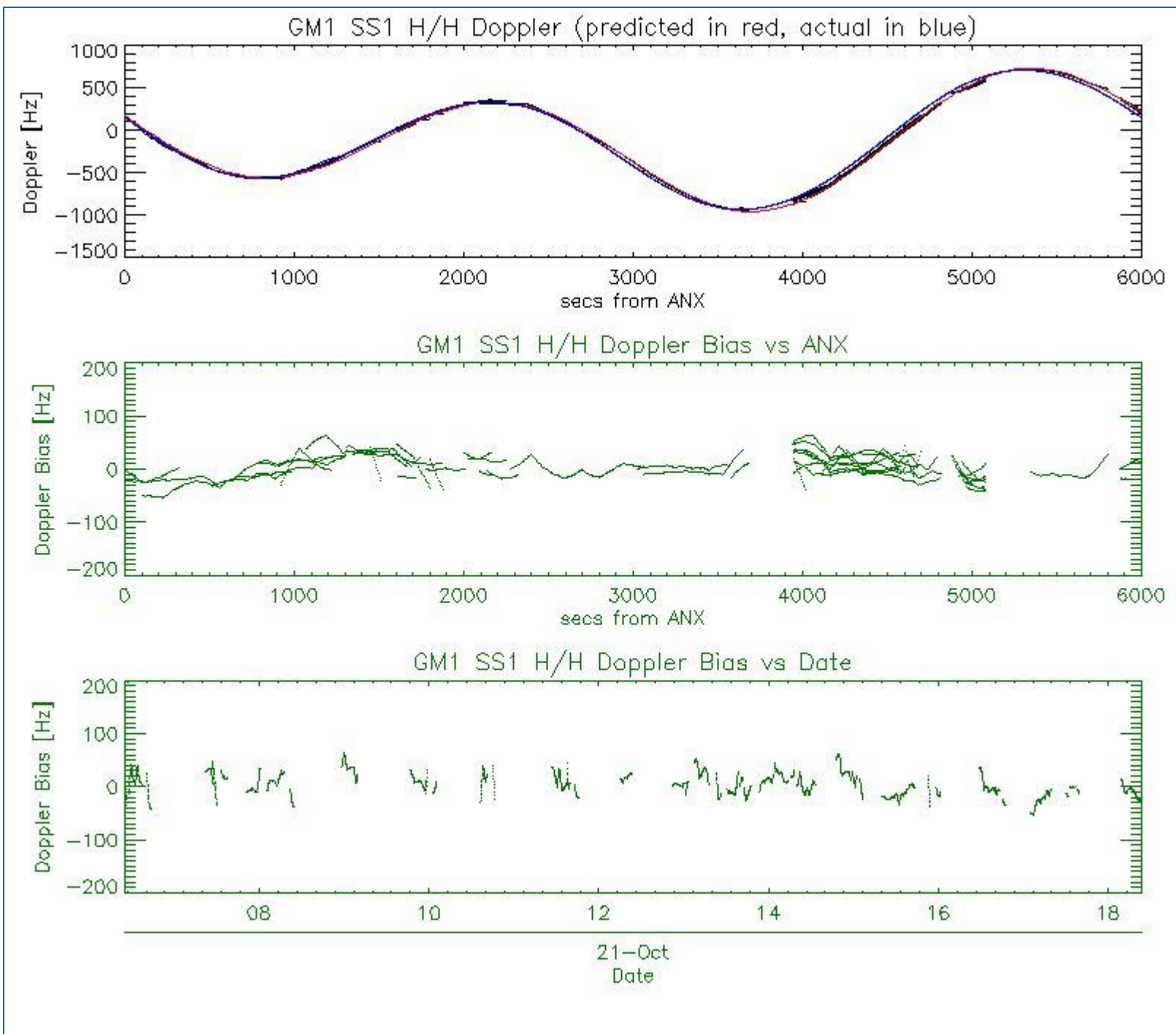




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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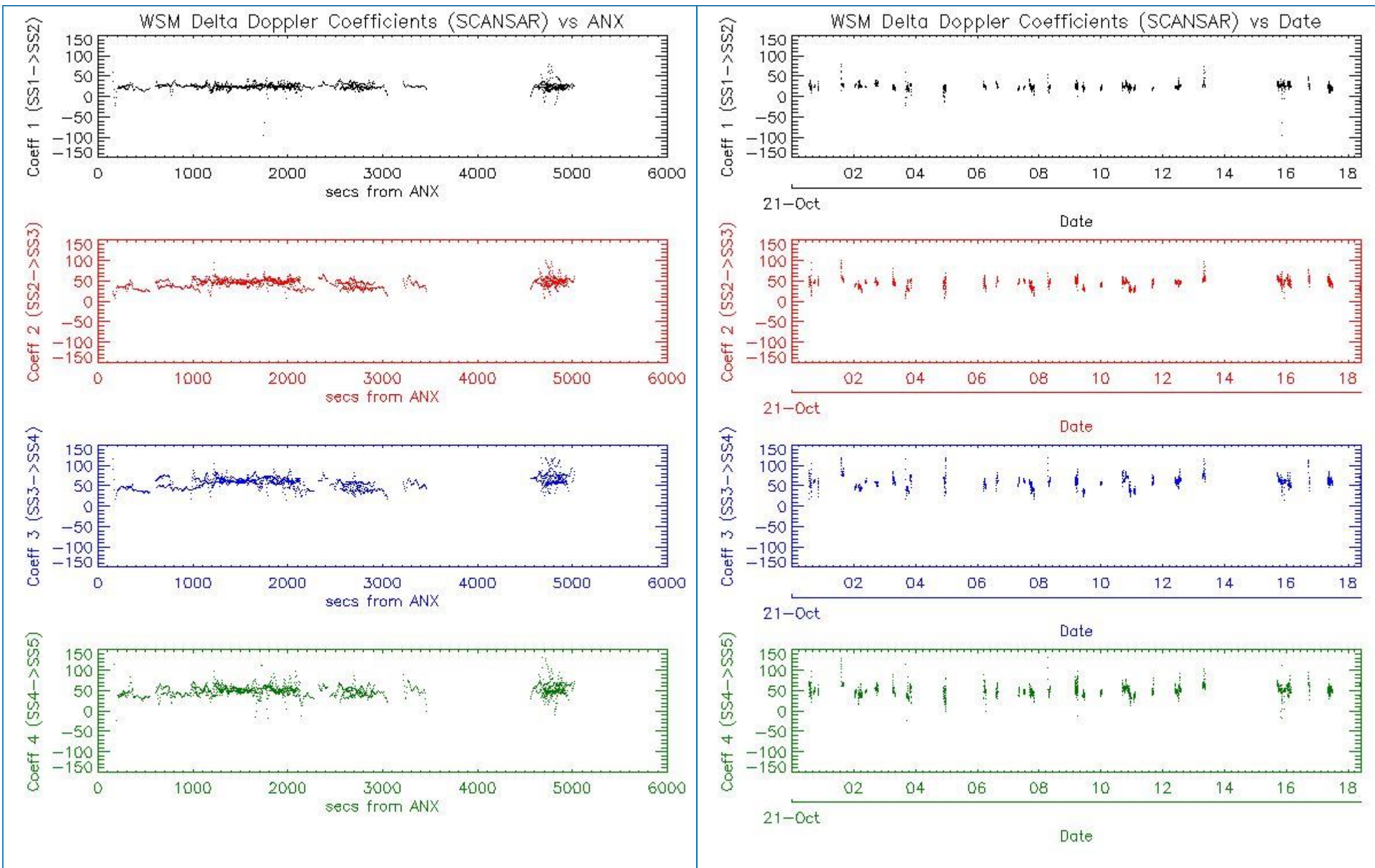




5.3 - Doppler JUMPS Analysis for WSM

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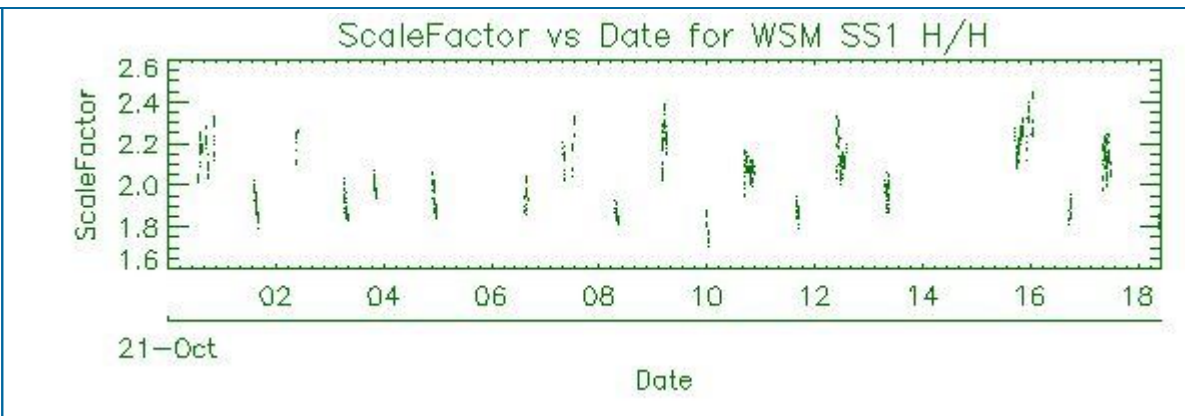
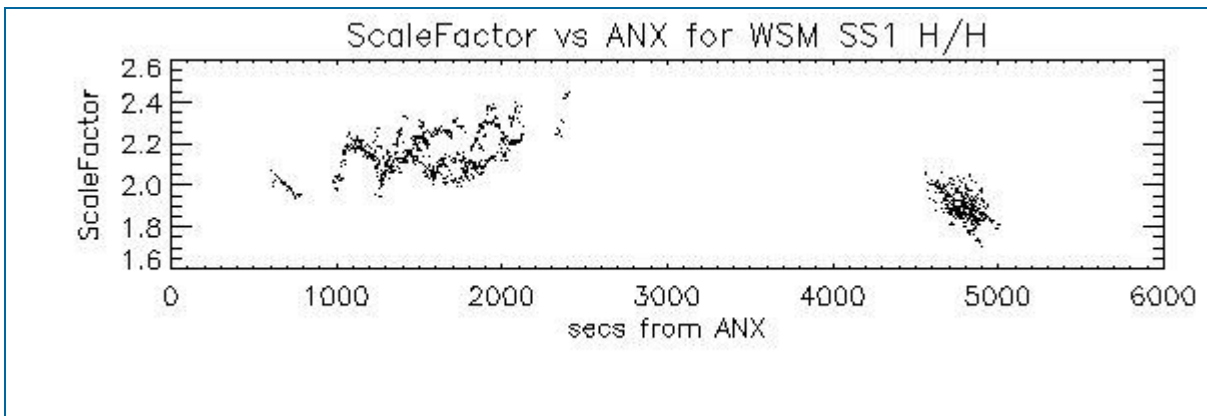
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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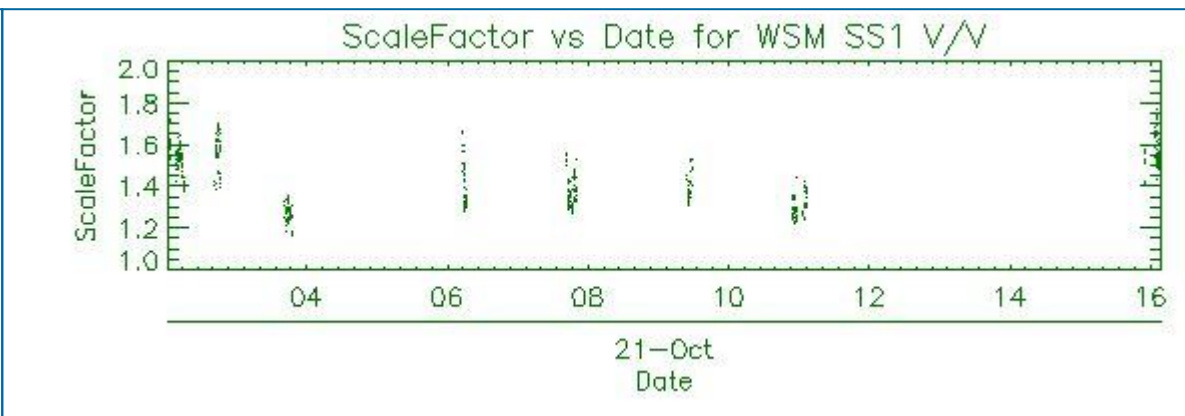
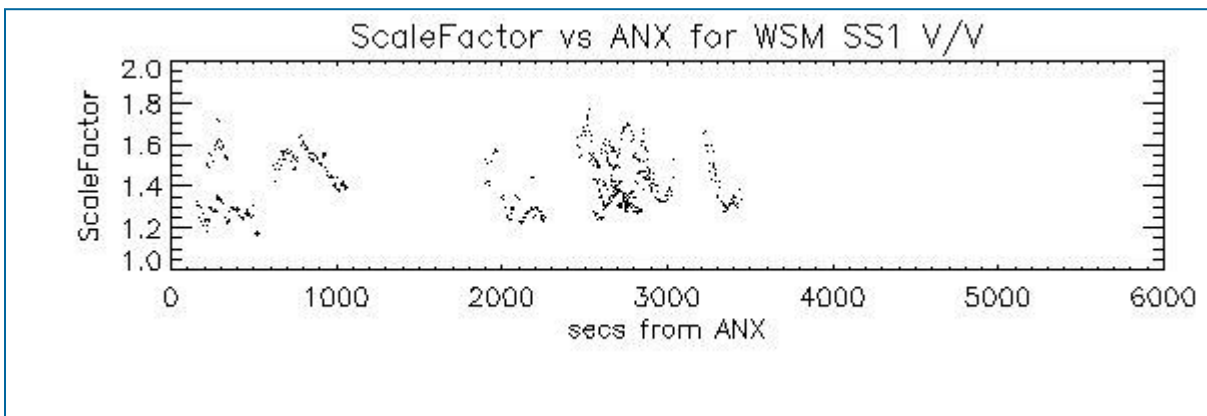




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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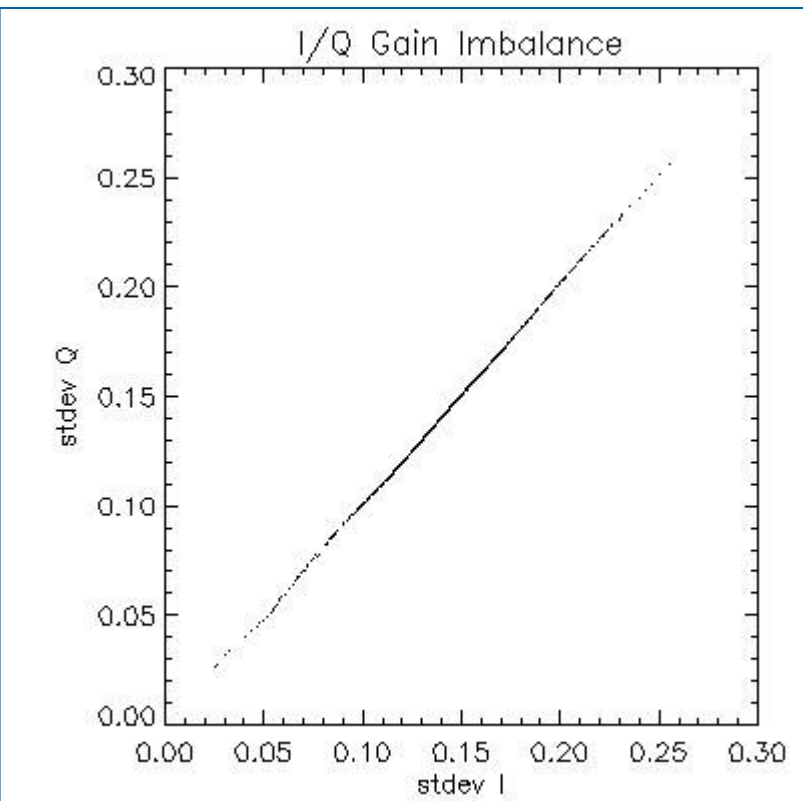
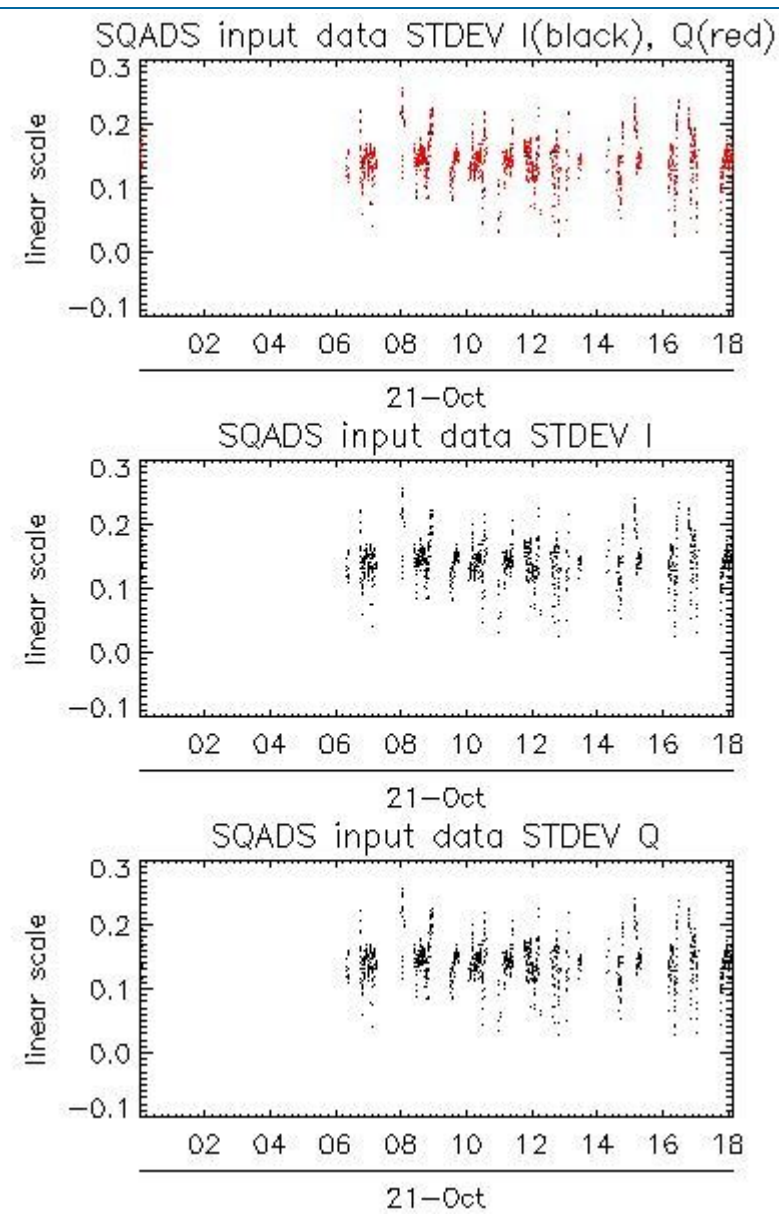
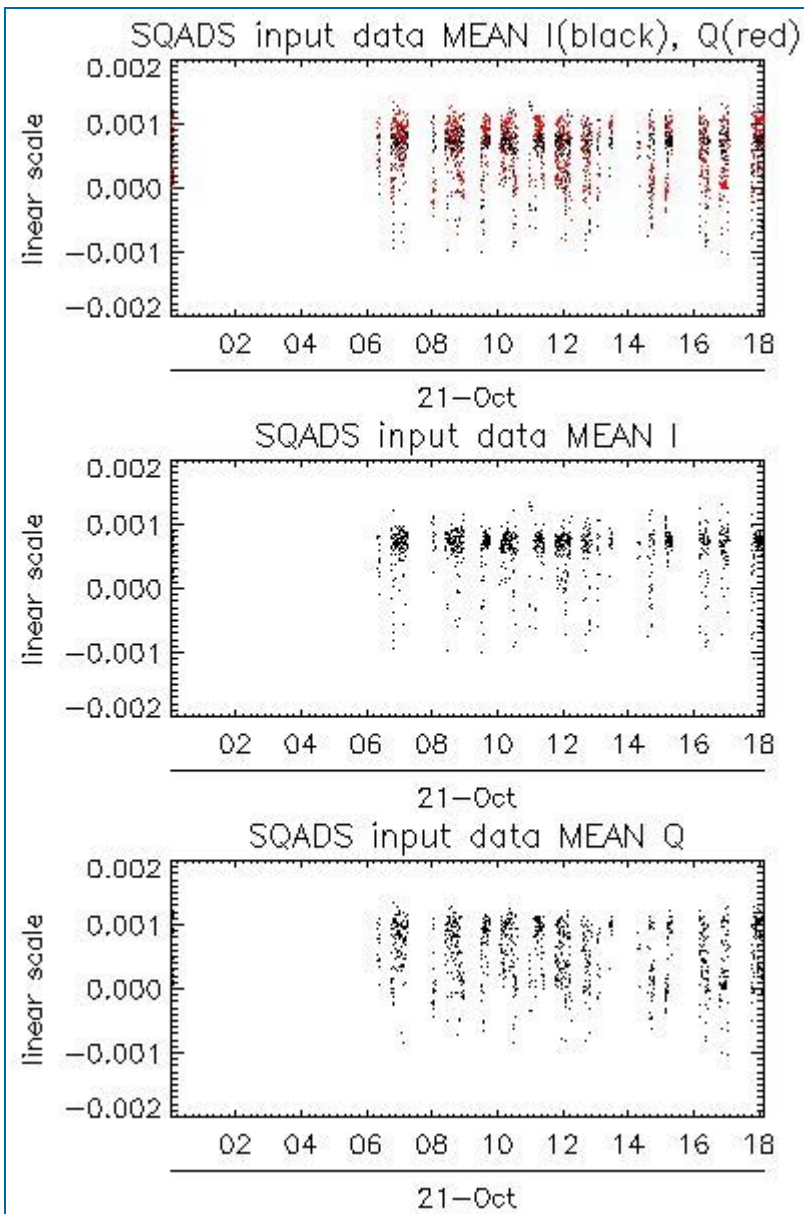


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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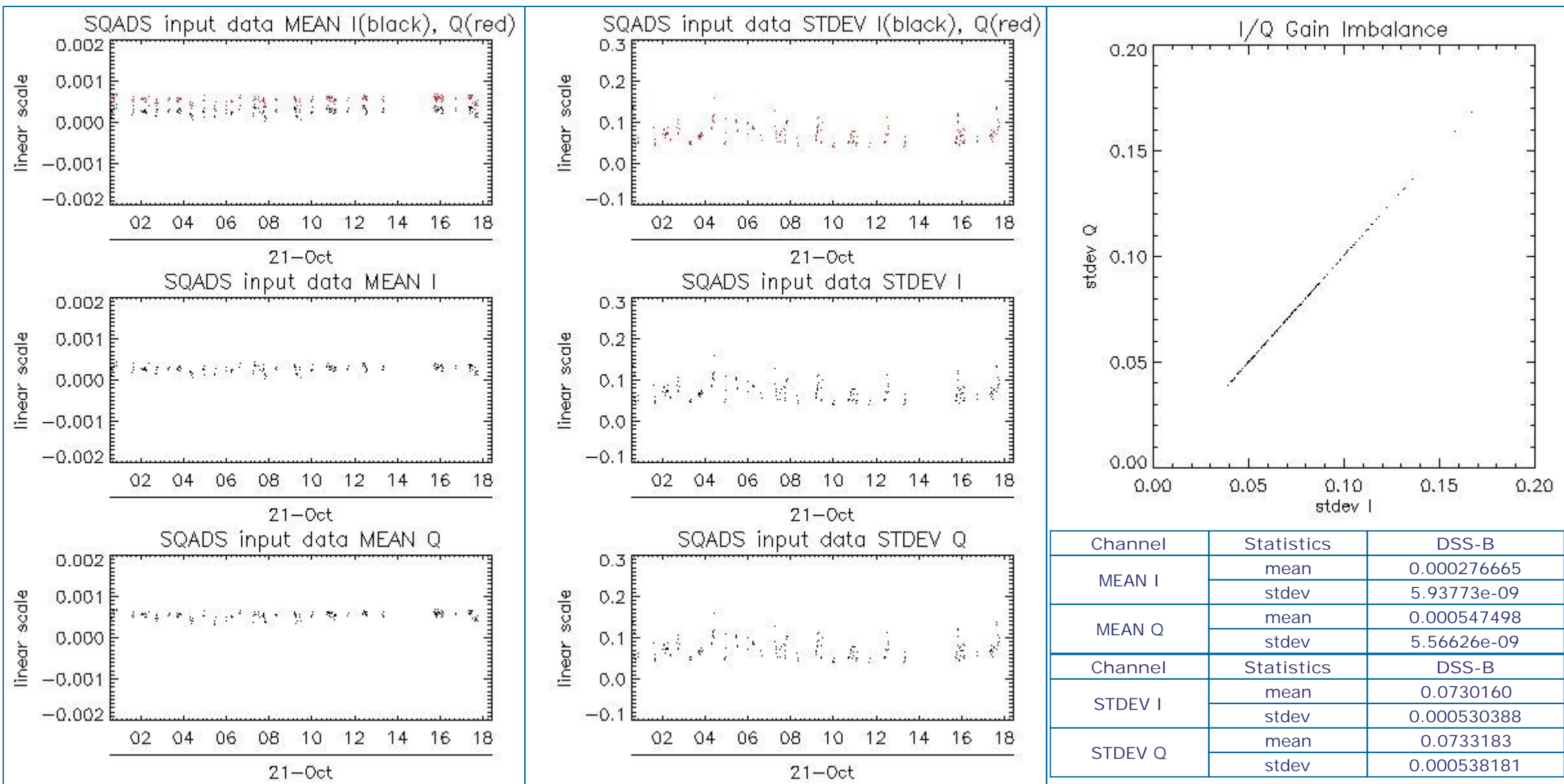


Channel	Statistics	DSS-B
MEAN I	mean	0.000606466
	stdev	1.41381e-07
MEAN Q	mean	0.000577976
	stdev	2.16029e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.142111
	stdev	0.00106247
STDEV Q	mean	0.142561
	stdev	0.00108672

7.2 - Analysis for IMM

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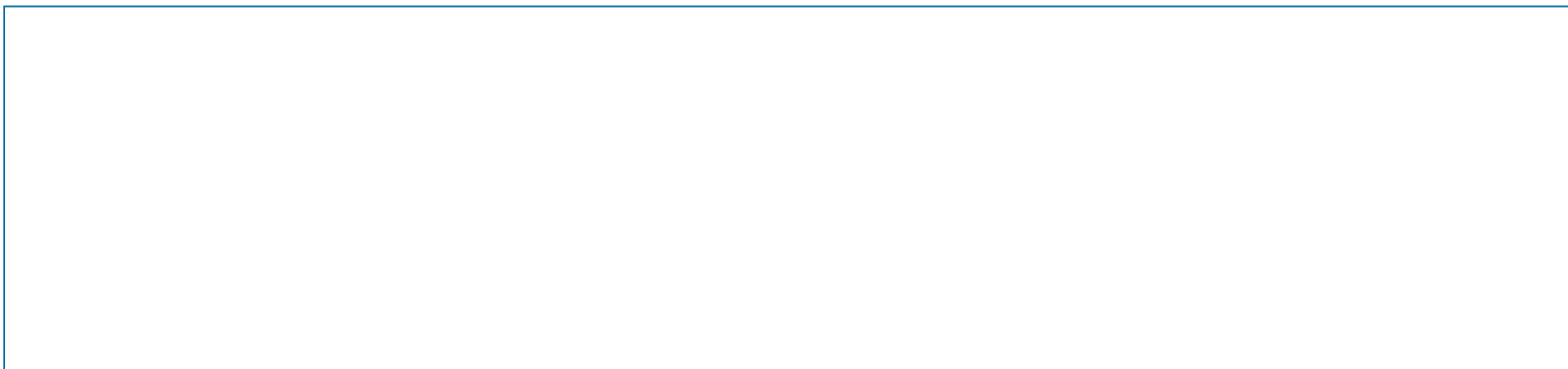


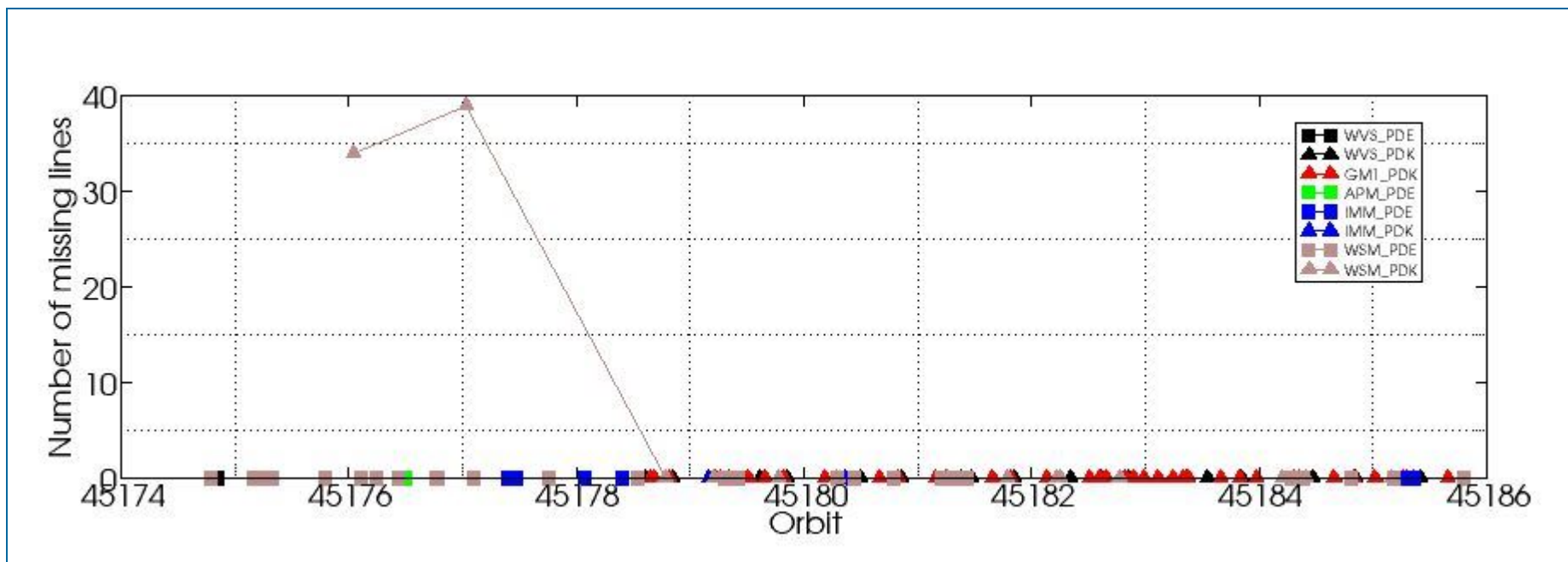
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20101021_020135_000001532094_00032_45176_3457.N1	0	34
PDK	ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3734.N1	0	39
PDK	ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3735.N1	0	39

8.1 - Number of Missing lines

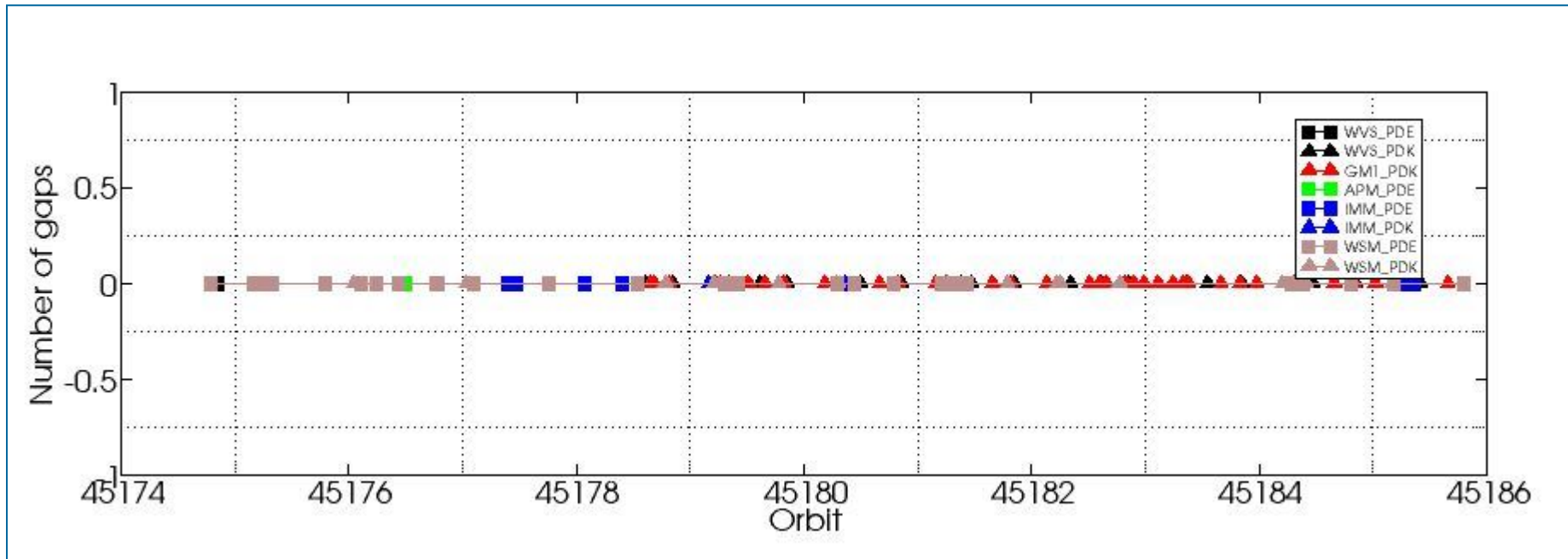
[[BACK TO MENU](#)]





8.2 - Number of Gaps

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ASAR DAILY REPORT for 101021
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2010-10-21

Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101021/

DATA SUMMARY

Summary will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101021/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_101021/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_101021/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101021/AUXILIARY

Creating directory ./RESULTS/DAILY/_101021/AUXILIARY...

Looking for the IECF operational ADFs list...

ADF filter 20101021*current_3_IECF_ADFs.txt
Found list 20101021_030001_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20101021_000127_000003152094_00030_45174_1937.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_062028_000002252094_00034_45178_3775.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_064359_000018592094_00034_45178_3509.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_080037_000002552094_00035_45179_3540.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_082435_000019792094_00035_45179_3553.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_092918_000009592094_00036_45180_3574.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_100511_000018292094_00036_45180_3579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_105859_000001192094_00037_45181_3709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_110731_000011092094_00037_45181_3711.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_114547_000017092094_00037_45181_3714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_123520_000009592094_00038_45182_3740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_130307_000002102094_00038_45182_3742.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_132623_000002102094_00038_45182_3753.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_141824_000000592094_00039_45183_3789.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_143651_000006142094_00039_45183_3791.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_150659_000007492094_00039_45183_3795.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_160908_000011242094_00040_45184_3821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_164735_000010042094_00040_45184_3824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101021_174509_000013942094_00041_45185_3855.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDK20101021_062457_000000782094_00034_45178_3505.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_062742_000005552094_00034_45178_3771.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_064030_000002052094_00034_45178_3508.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_072213_000003262094_00035_45179_3510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_072630_000002052094_00035_45179_3537.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_073312_000002472094_00035_45179_3538.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_075051_000005862094_00035_45179_3539.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_080533_000007252094_00035_45179_3541.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_082147_000001632094_00035_45179_3551.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_085812_000006832094_00036_45180_3554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_094608_000007552094_00036_45180_3573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_100226_000001632094_00036_45180_3575.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_103620_000003142094_00037_45181_3576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_104510_000000662094_00037_45181_3580.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_112644_000007612094_00037_45181_3710.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_114243_000001812094_00037_45181_3712.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_121452_000005072094_00038_45182_3713.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_125201_000005492094_00038_45182_3739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_130115_000001082094_00038_45182_3741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_130716_000006282094_00038_45182_3744.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


```
ASA_GM1_1PNPDK20101021_132301_000001992094_00038_45182_3743.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_133044_000004592094_00038_45182_3745.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_133925_000004892094_00038_45182_3746.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_135324_000008102094_00039_45183_3756.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_140534_000004772094_00039_45183_3787.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_141553_000001442094_00039_45183_3788.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_142009_000007732094_00039_45183_3790.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_144756_000008522094_00039_45183_3792.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_150431_000001442094_00039_45183_3793.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_152008_000013842094_00039_45183_3794.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_155245_000000842094_00040_45184_3819.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_155824_000001872094_00040_45184_3820.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_162832_000008822094_00040_45184_3822.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_164532_000001142094_00040_45184_3823.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_170508_000008882094_00041_45185_3825.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_173014_000001082094_00041_45185_3850.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_173256_000002412094_00041_45185_3851.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_173814_000000662094_00041_45185_3852.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20101021_180908_000008702094_00041_45185_3853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20101021_024824_00000592094_00032_45176_1960.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_IMM.txt...

```
ASA_IMM_1PNPDE20101021_003819_000000922094_00031_45175_1955.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_041754_000003942094_00033_45177_1966.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_042602_000000712094_00033_45177_1965.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_052621_000003032094_00034_45178_1968.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_055923_000000922094_00034_45178_1969.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_091844_000000372094_00036_45180_1975.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_110147_000000262094_00037_45181_1979.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_173203_000000392094_00041_45185_2014.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_173656_000000672094_00041_45185_2015.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20101021_173924_000003382094_00041_45185_2016.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101021_071539_000002382094_00035_45179_3518.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20101021_091628_000001092094_00036_45180_3564.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/_101021/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20101021_003341_000002512094_00031_45175_1954.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_004138_000002202094_00031_45175_1956.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_005034_000000982094_00031_45175_1957.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_013601_000002812094_00031_45175_1958.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_020815_000004712094_00032_45176_1961.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_022210_000001222094_00032_45176_1962.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_024128_000003122094_00032_45176_1959.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_031530_000002942094_00032_45176_1963.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_034841_000001902094_00033_45177_1964.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



ASA_WSM_1PNPDE20101021_045433_000003122094_00033_45177_1967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_061248_000002512094_00034_45178_1970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_072958_000001902094_00035_45179_1972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_074149_000005382094_00035_45179_1973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_090942_000003732094_00036_45180_1974.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_092441_000002512094_00036_45180_1976.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_095845_000002202094_00036_45180_1981.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_104135_000001282094_00037_45181_1982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_104344_000000732094_00037_45181_1977.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_105414_000002882094_00037_45181_1978.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_110330_000002452094_00037_45181_1980.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_1155030_000001282094_00040_45184_1986.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_1155420_000000922094_00040_45184_1987.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_1155622_000001222094_00040_45184_1988.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_160132_000000982094_00040_45184_1989.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_164320_000001282094_00040_45184_1985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_172145_000002082094_00041_45185_1990.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20101021_182344_000001162094_00041_45185_2013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_020135_000001532094_00032_45176_3457.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3735.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_063703_000001902094_00034_45178_3517.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_071953_000001352094_00035_45179_3520.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_081742_000002452094_00035_45179_3561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_090937_000003922094_00036_45180_3562.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_104628_000003732094_00037_45181_3584.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_113929_000001902094_00037_45181_3754.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_122322_000001352094_00038_45182_3752.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_122600_000005512094_00038_45182_3722.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_131825_000002692094_00038_45182_3757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_154316_000005082094_00040_45184_3805.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_160337_000003302094_00040_45184_3841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20101021_171959_000006122094_00041_45185_3842.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101021/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_101021/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_101021/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS_0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS_0PNPDK20101021_062624_000000162094_00034_45178_0231.N1

H
H
../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/TGH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/TPH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/RGH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/RPH_20101021_062624-20010209_135042.png



Polarization: V
 Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
 Test product: ASA_MS__0PNPDK20101020_170137_000000162094_00026_45170_0230.N1

V
 V

../../../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/TGV_20101020_170137-20010209_140823.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/TPV_20101020_170137-20010209_140823.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/RGV_20101020_170137-20010209_140823.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/SECOND_REFERENCE/RPV_20101020_170137-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDK20101019_173314_000000162094_00012_45156_0229.N1
 Test product: ASA_MS__0PNPDK20101021_062624_000000162094_00034_45178_0231.N1

H
 H

../../../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20101021_062624-20101019_173314.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20101021_062624-20101019_173314.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20101021_062624-20101019_173314.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20101021_062624-20101019_173314.png

Polarization: V
 Reference product: ASA_MS__0PNPDK20101018_180451_000000162093_00499_45142_0228.N1
 Test product: ASA_MS__0PNPDK20101020_170137_000000162094_00026_45170_0230.N1

V
 V

../../../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101020_170137-20101018_180451.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101020_170137-20101018_180451.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101020_170137-20101018_180451.png
 ../../RESULTS/DAILY/_101021/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101020_170137-20101018_180451.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101021/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Analysing products WVS IS2 V/V
 Writing image ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
 Analysing products GM1 SS3 H/H
 Writing image ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Analysing products WVS IS2 V/V
 Getting calibration pulses data for WVS IS2 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 1/5/9/13/17/21/25/29
 Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-21_1.dat...
 Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
 Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...



Getting calibration pulses data for WVS IS2 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-21_2.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-21_3.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-21_4.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_101021//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 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-21_1.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-21_2.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-21_3.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-21 00:00:00 to 2010-10-21 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_101021/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-21_4.dat...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_101021//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_101021/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DOPPLER/Doppler_data_WVS_IS2_VV_2010-10-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101021/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/DOPPLER/Doppler_data_GM1_SS1_HH_2010-10-21.dat...

Running IDL program...
Writing file ../../RESULTS/DAILY/_101021/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ../../RESULTS/DAILY/_101021/DOPPLER/Doppler_Jumps_data_WSM_2010-10-21.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_101021/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
Writing file ../../RESULTS/DAILY/_101021/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 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 = -33.148383 Hz
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -27.204150 Hz
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/_101021//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 = 10.380587 Hz
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -1.3750429 Hz
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_101021//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101021/CHIRP...

CHIRP Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...

Writing file ./RESULTS/DAILY/_101021/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-21.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101021/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...

Writing file ../../RESULTS/DAILY/_101021/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...

Writing file ./RESULTS/DAILY/_101021/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-21.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101021/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...

Writing file ../../RESULTS/DAILY/_101021/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_101021/RAW_DATA

Creating directory ./RESULTS/DAILY/_101021/RAW_DATA...

Getting raw data for WVS from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/RAW_DATA/Raw_data_WVS_2010-10-21.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-10-21 00:00:00 to 2010-10-21 23:59:59...
Writing file ./RESULTS/DAILY/_101021/RAW_DATA/Raw_data_IMM_2010-10-21.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_101021/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-10-21 00:00:00 to 2010-10-21 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_101021/TELEMETRY

Creating directory ./RESULTS/DAILY/_101021/TELEMETRY...

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

Checking 1 products from PDE...

Checking 18 products from PDK...

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

No products from PDE...

Checking 39 products from PDK...

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

Checking 1 products from PDE...

No products from PDK...

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

Checking 10 products from PDE...

Checking 2 products from PDK...

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

Checking 28 products from PDE...

Checking 15 products from PDK...

Found product...ASA_WSM_1PNPDK20101021_020135_000001532094_00032_45176_3457.N1 / 0 gaps / 34 missing lines

Found product...ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3734.N1 / 0 gaps / 39 missing lines

Found product...ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3735.N1 / 0 gaps / 39 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_101021/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_101021/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_101021/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_1PNPDE20101021_024824_000000592094_00032_45176_1960.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_1PNPDK20101021_062457_000000782094_00034_45178_3505.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_062742_000005552094_00034_45178_3771.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_064030_000002052094_00034_45178_3508.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_072213_000003262094_00035_45179_3510.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_072630_000002052094_00035_45179_3537.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_073312_000002472094_00035_45179_3538.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_075051_000005862094_00035_45179_3539.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_080533_000007252094_00035_45179_3541.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_082147_000001632094_00035_45179_3551.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_085812_000006832094_00036_45180_3554.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_094608_000007552094_00036_45180_3573.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_100226_000001632094_00036_45180_3575.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_103620_000003142094_00037_45181_3576.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_104510_000000662094_00037_45181_3580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_112644_000007612094_00037_45181_3710.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_114243_000001812094_00037_45181_3712.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_121452_000005072094_00038_45182_3713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_125201_000005492094_00038_45182_3739.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_130115_000001082094_00038_45182_3741.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_130716_000006282094_00038_45182_3744.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_132301_000001992094_00038_45182_3743.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_133044_000004592094_00038_45182_3745.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_133925_000004892094_00038_45182_3746.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_135324_000008102094_00039_45183_3756.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_140534_000004772094_00039_45183_3787.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_141553_000001442094_00039_45183_3788.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_142009_000007732094_00039_45183_3790.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_144756_000008522094_00039_45183_3792.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_150431_000001442094_00039_45183_3793.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_152008_000013842094_00039_45183_3794.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_155245_000000842094_00040_45184_3819.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_155824_000001872094_00040_45184_3820.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_162832_000008822094_00040_45184_3822.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_164532_000001142094_00040_45184_3823.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_170508_000008882094_00041_45185_3825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_173014_000001082094_00041_45185_3850.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_173256_000002412094_00041_45185_3851.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_173814_000000662094_00041_45185_3852.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20101021_180908_000008702094_00041_45185_3853.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_1PNPDE20101021_003819_000000922094_00031_45175_1955.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_041754_000003942094_00033_45177_1966.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_042602_000000712094_00033_45177_1965.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_052621_000003032094_00034_45178_1968.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_055923_000000922094_00034_45178_1969.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_091844_000000372094_00036_45180_1975.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_110147_000000262094_00037_45181_1979.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_173203_000000392094_00041_45185_2014.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_173656_000000672094_00041_45185_2015.N1	OK	OK	OK	OK
ASA_IMM_1PNPDE20101021_173924_000003382094_00041_45185_2016.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101021_071539_000002382094_00035_45179_3518.N1	OK	OK	OK	OK
ASA_IMM_1PNPDK20101021_091628_000001092094_00036_45180_3564.N1	OK	OK	OK	OK

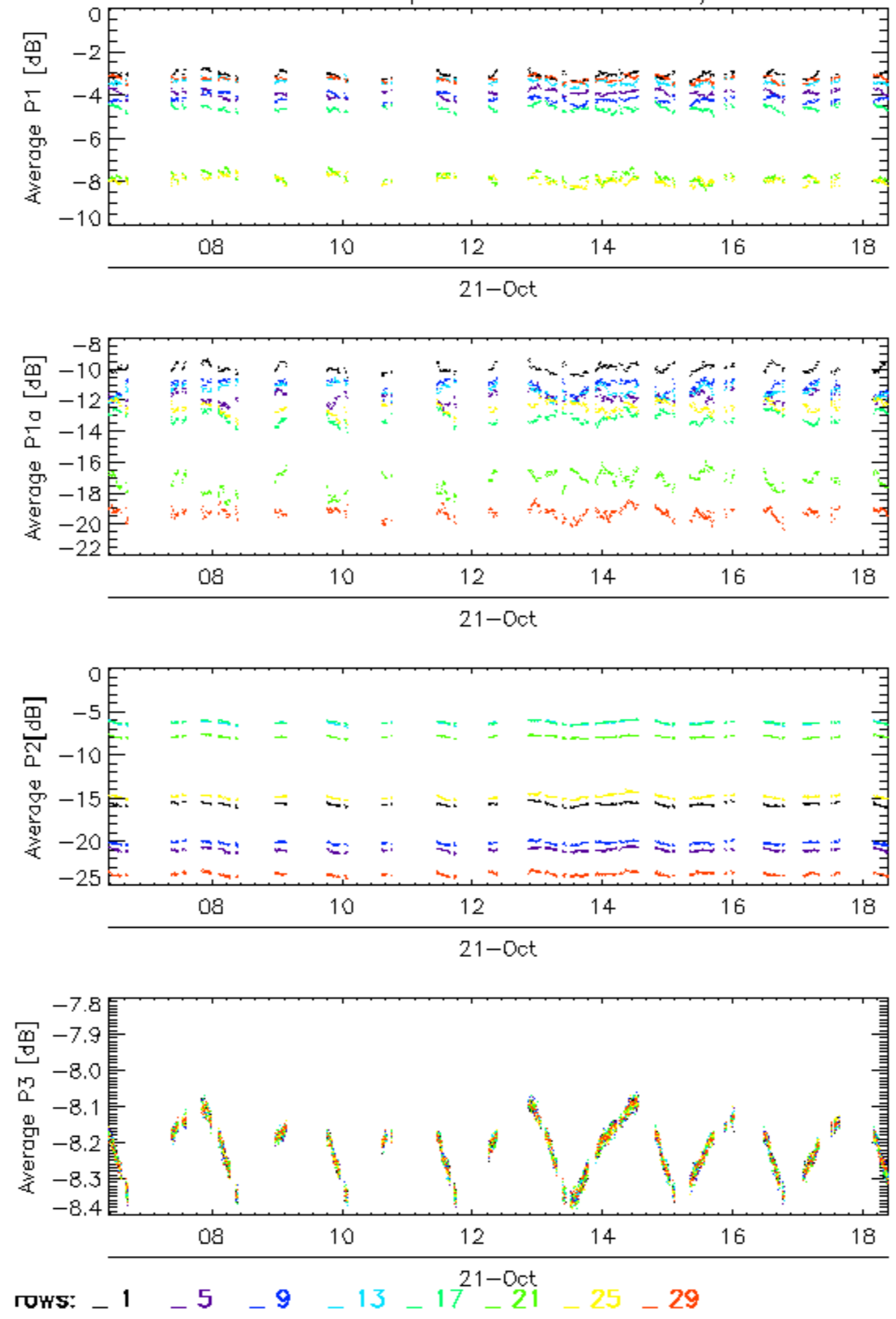
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20101021_003341_000002512094_00031_45175_1954.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_004138_000002202094_00031_45175_1956.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_005034_000000982094_00031_45175_1957.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_013601_000002812094_00031_45175_1958.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_020815_000004712094_00032_45176_1961.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_022210_000001222094_00032_45176_1962.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_024128_000003122094_00032_45176_1959.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_031530_000002942094_00032_45176_1963.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_034841_000001902094_00033_45177_1964.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_045433_000003122094_00033_45177_1967.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_061248_000002512094_00034_45178_1970.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_072958_000001902094_00035_45179_1972.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_074149_000005382094_00035_45179_1973.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_090942_000003732094_00036_45180_1974.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_092441_000002512094_00036_45180_1976.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_095845_000002202094_00036_45180_1981.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_104135_000001282094_00037_45181_1982.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_104344_000000732094_00037_45181_1977.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_105414_000002882094_00037_45181_1978.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_110330_000002452094_00037_45181_1980.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_155030_000001282094_00040_45184_1986.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_155420_000000922094_00040_45184_1987.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_155622_000001222094_00040_45184_1988.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_160132_000000982094_00040_45184_1989.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_164320_000001282094_00040_45184_1985.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_172145_000002082094_00041_45185_1990.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20101021_182344_000001162094_00041_45185_2013.N1					OK	OK	OK	OK
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ASA_WSM_1PNPDK20101021_131825_000002692094_00038_45182_3757.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101021_154316_000005082094_00040_45184_3805.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20101021_160337_000003302094_00040_45184_3841.N1					OK	OK	OK	OK
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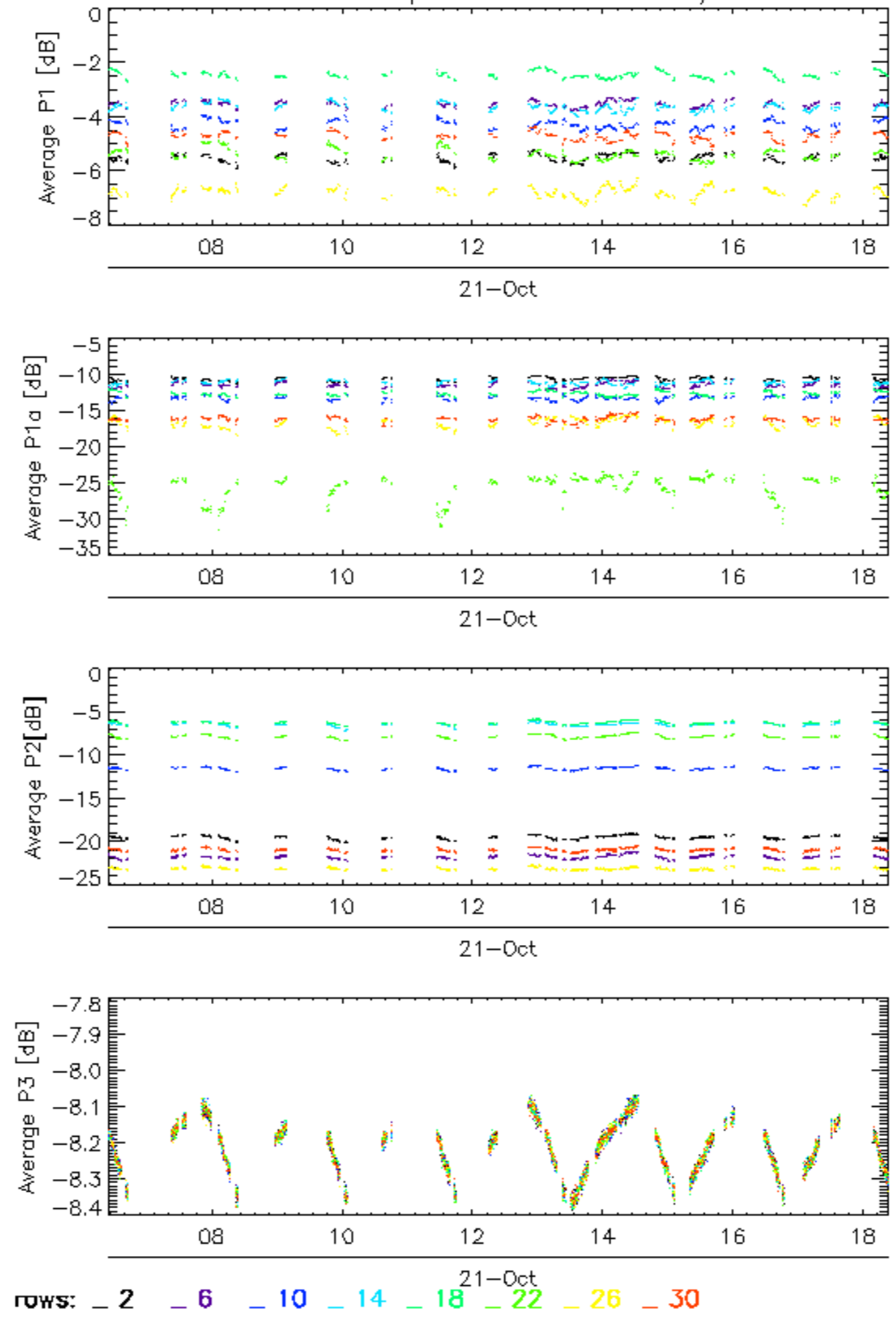
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDK20101021_062028_000002252094_00034_45178_3775.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_064359_000018592094_00034_45178_3509.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_080037_000002552094_00035_45179_3540.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_082435_000019792094_00035_45179_3553.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_092918_000009592094_00036_45180_3574.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_100511_000018292094_00036_45180_3579.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_105859_000001192094_00037_45181_3709.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_110731_000011092094_00037_45181_3711.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_114547_000017092094_00037_45181_3714.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_123520_000009592094_00038_45182_3740.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_130307_000002102094_00038_45182_3742.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_132623_000002102094_00038_45182_3753.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_141824_000000592094_00039_45183_3789.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_143651_000006142094_00039_45183_3791.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_150659_000007492094_00039_45183_3795.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_160908_000011242094_00040_45184_3821.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_164735_000010042094_00040_45184_3824.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101021_174509_000013942094_00041_45185_3855.N1					OK	OK	OK	OK

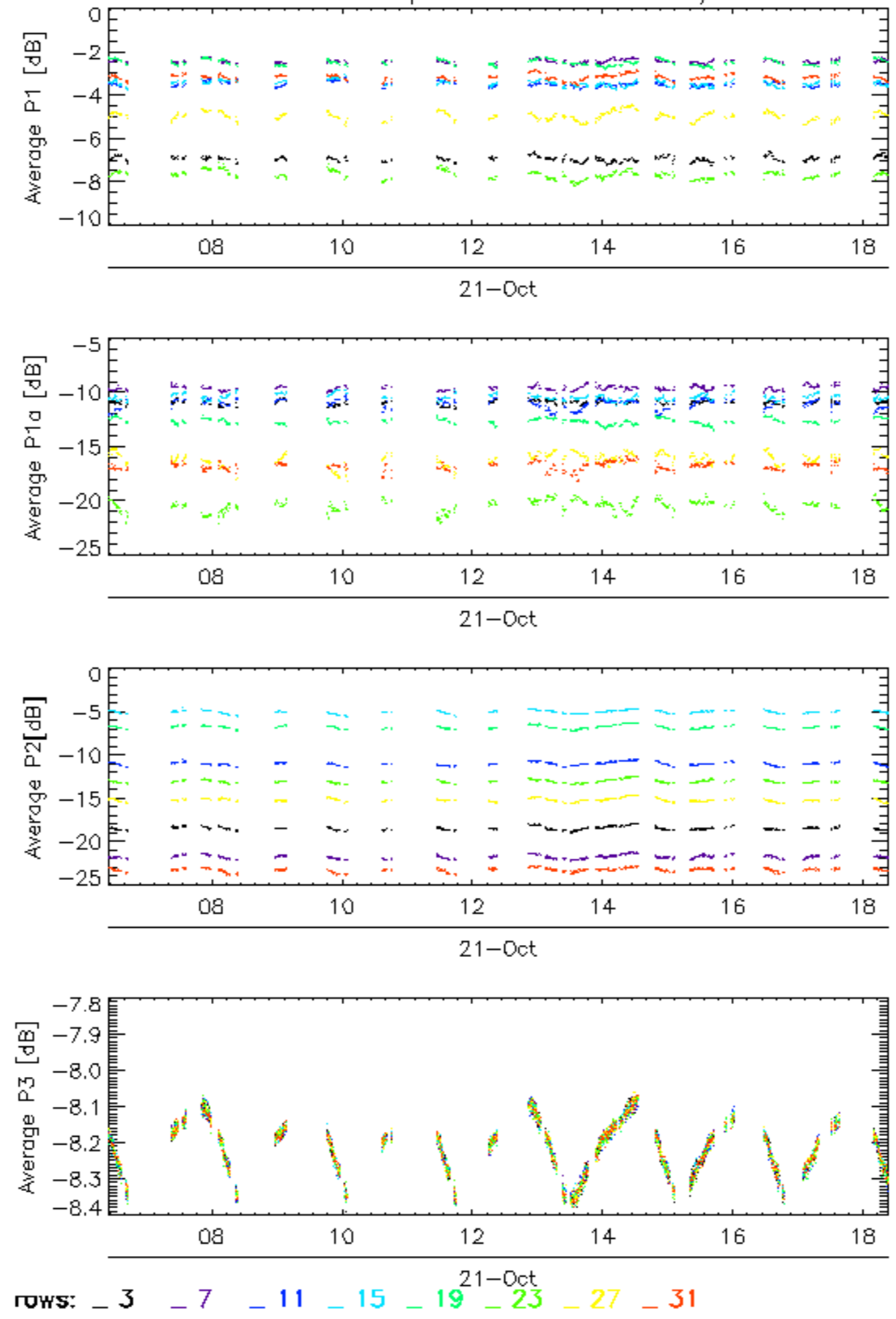
Calibration pulses for GM1 SS3 H/H



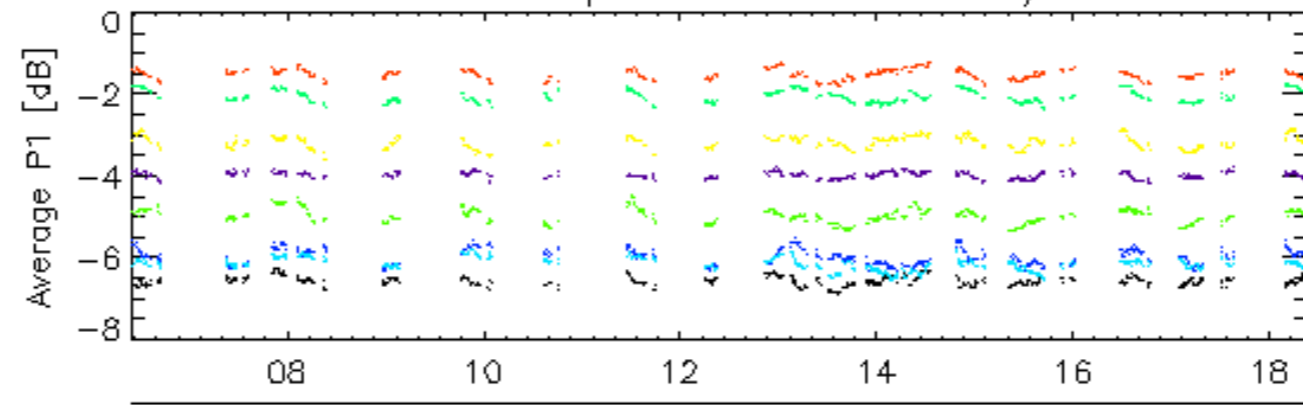
Calibration pulses for GM1 SS3 H/H



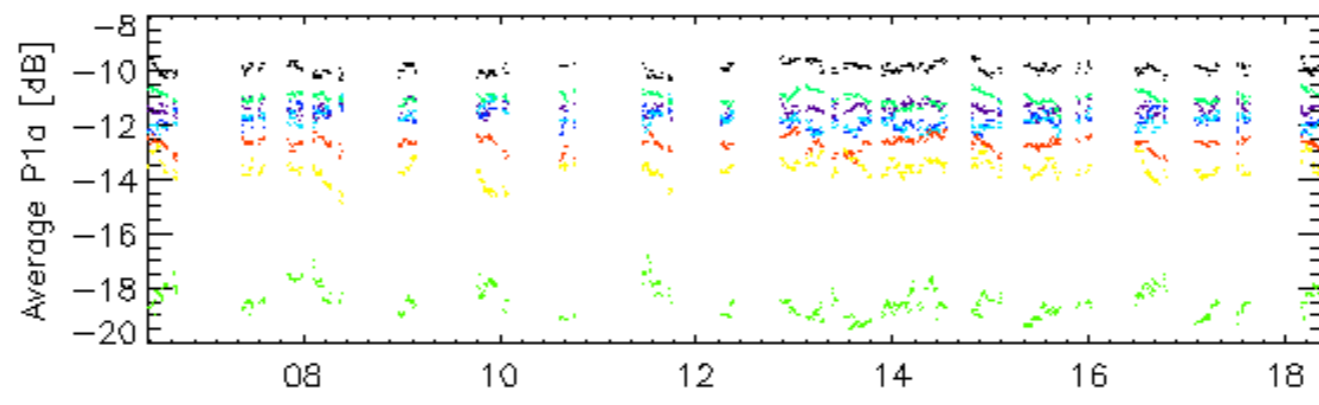
Calibration pulses for GM1 SS3 H/H



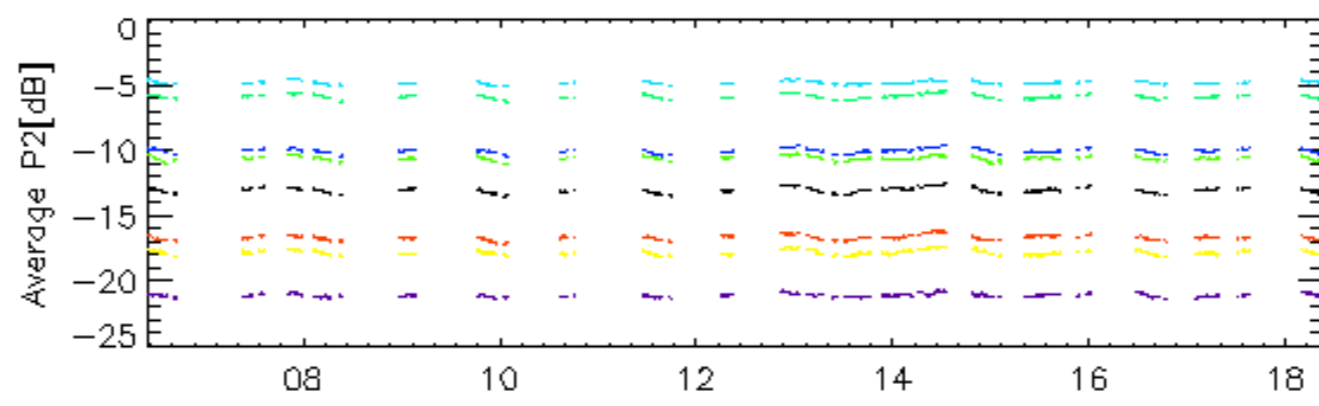
Calibration pulses for GM1 SS3 H/H



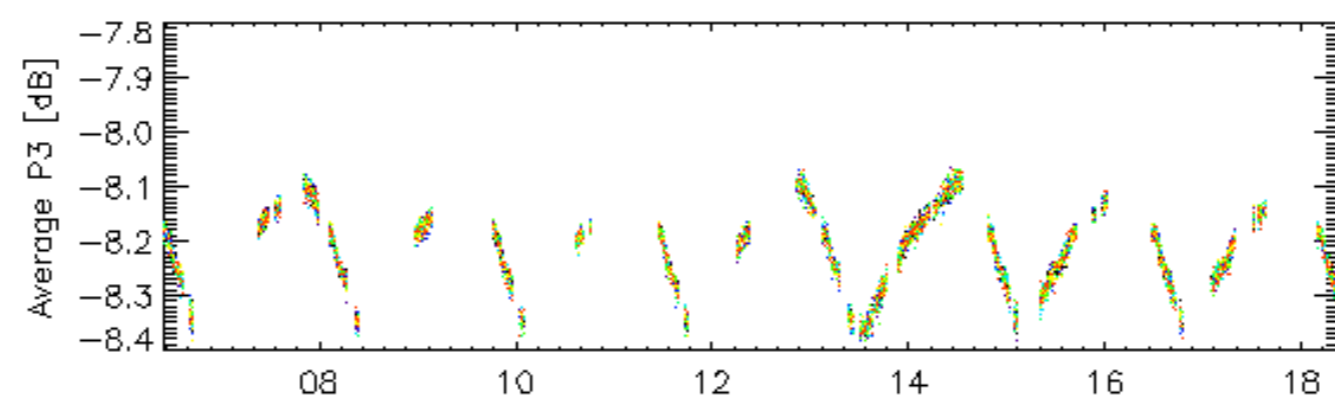
21-Oct



21-Oct



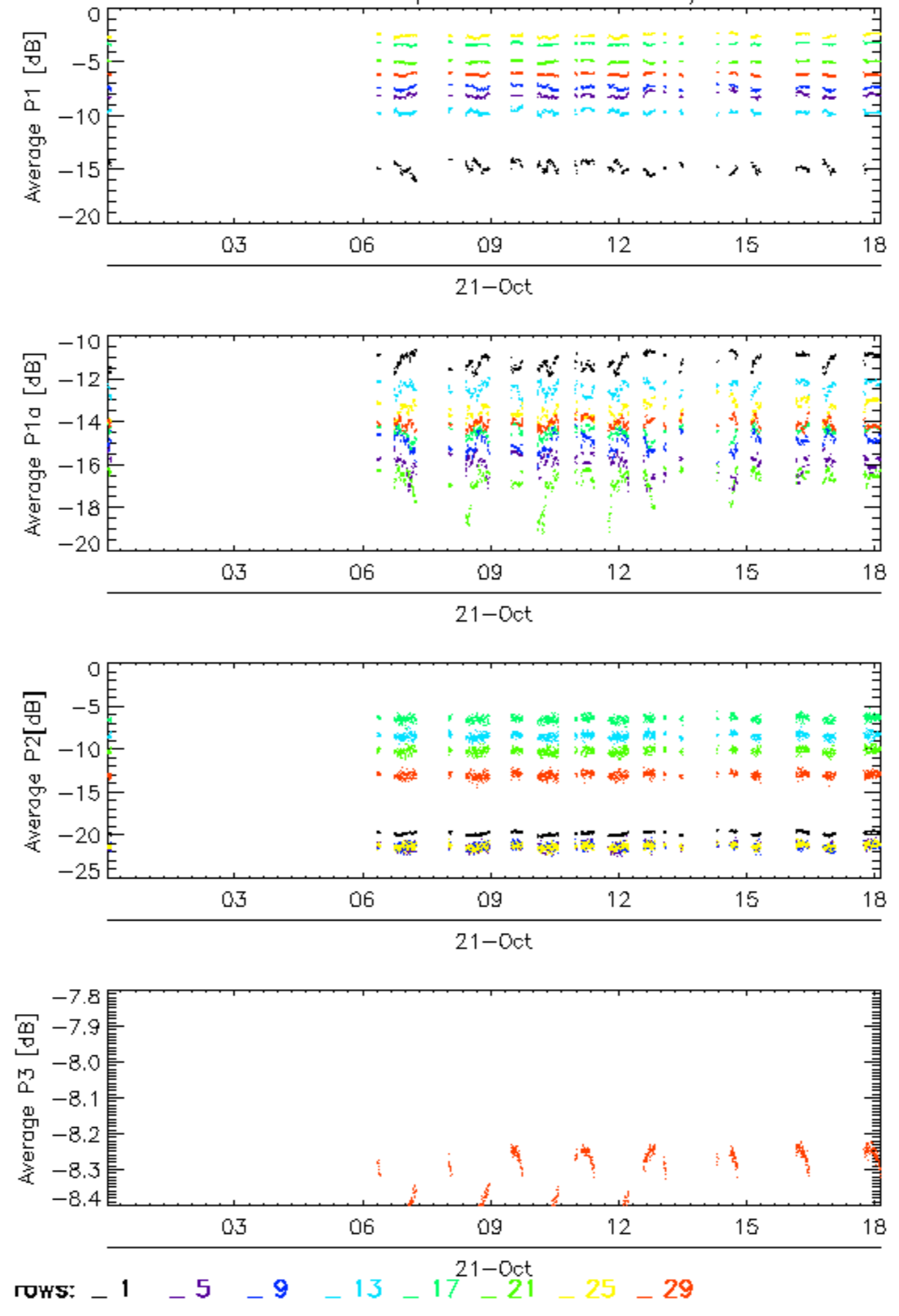
21-Oct



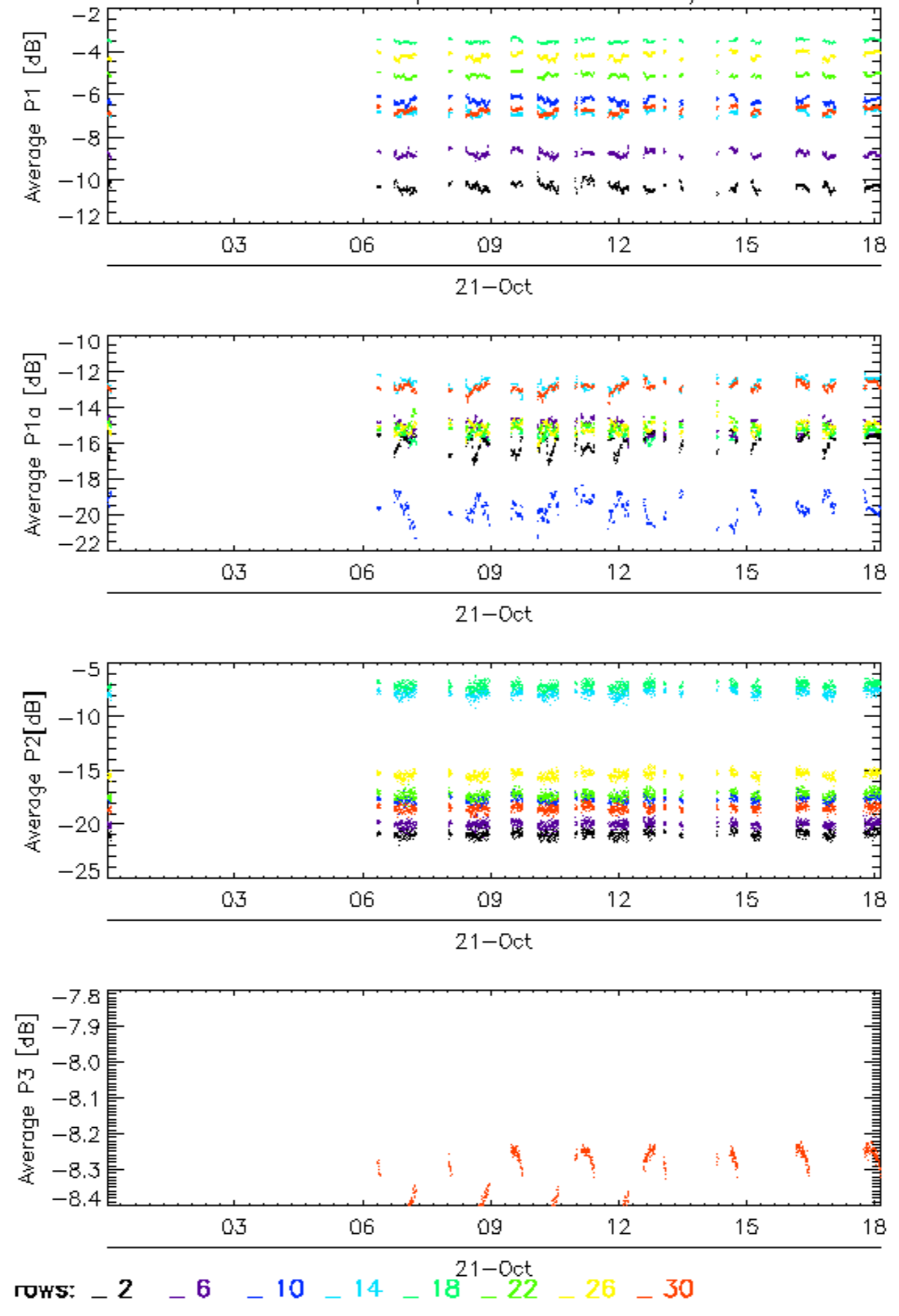
21-Oct

rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

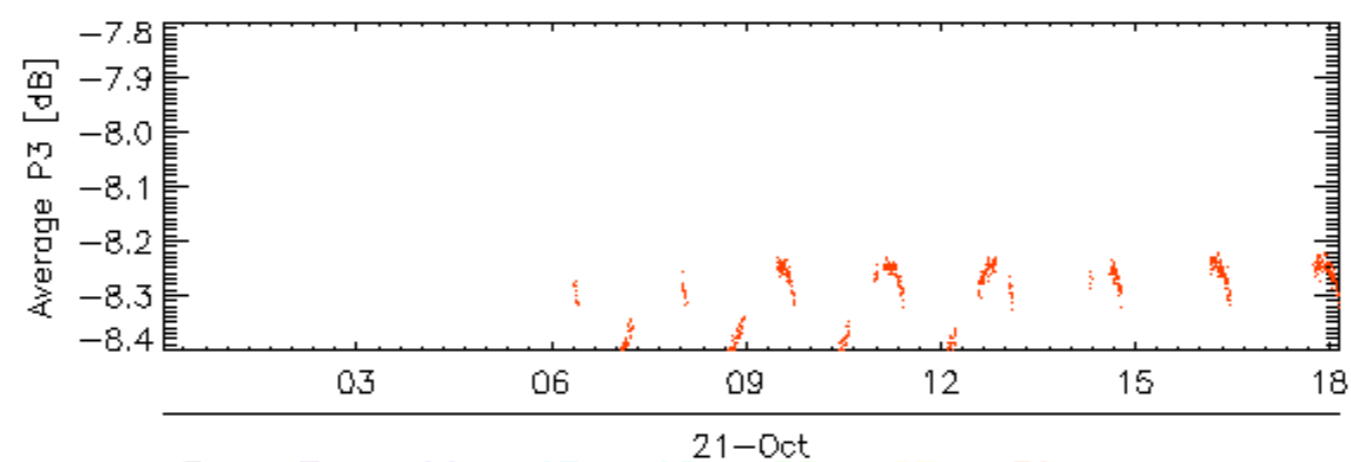
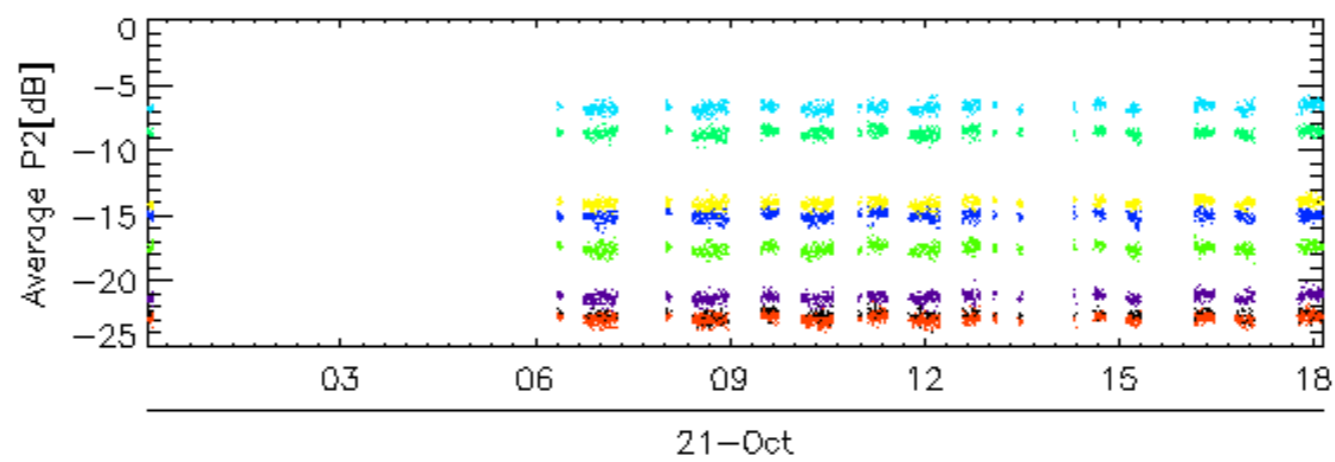
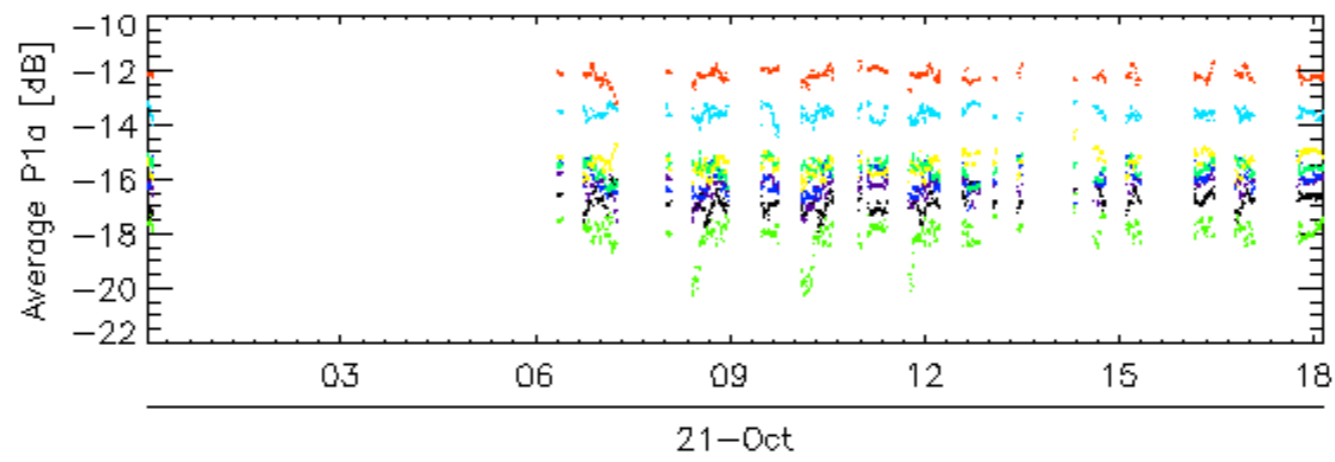
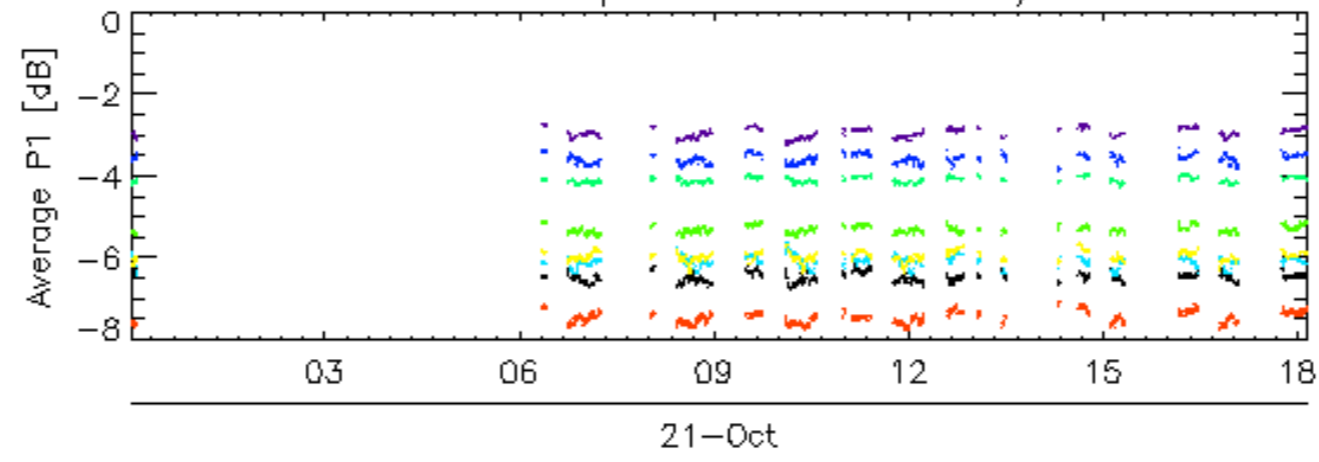
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

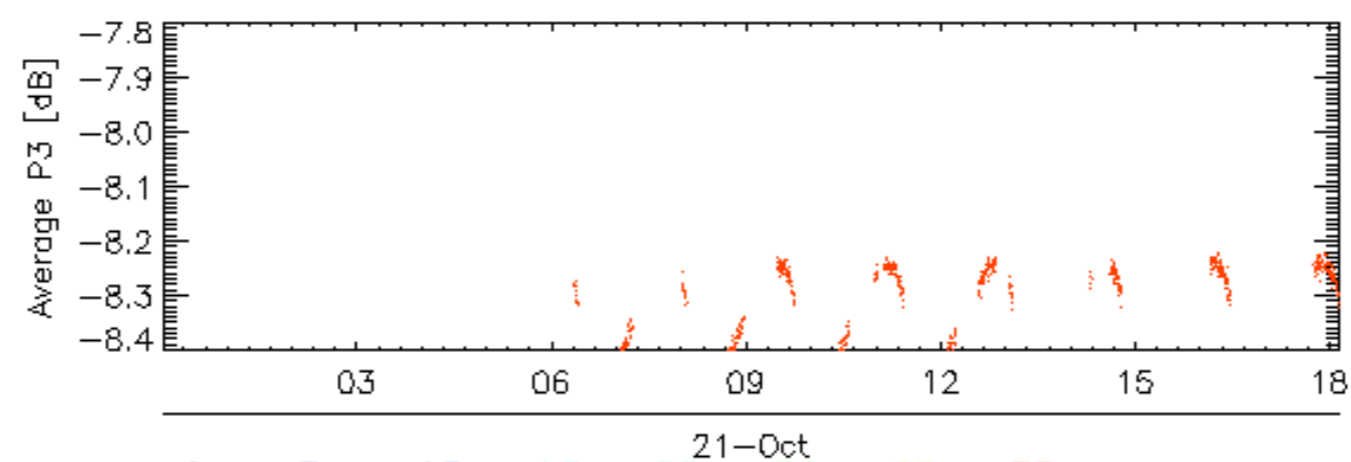
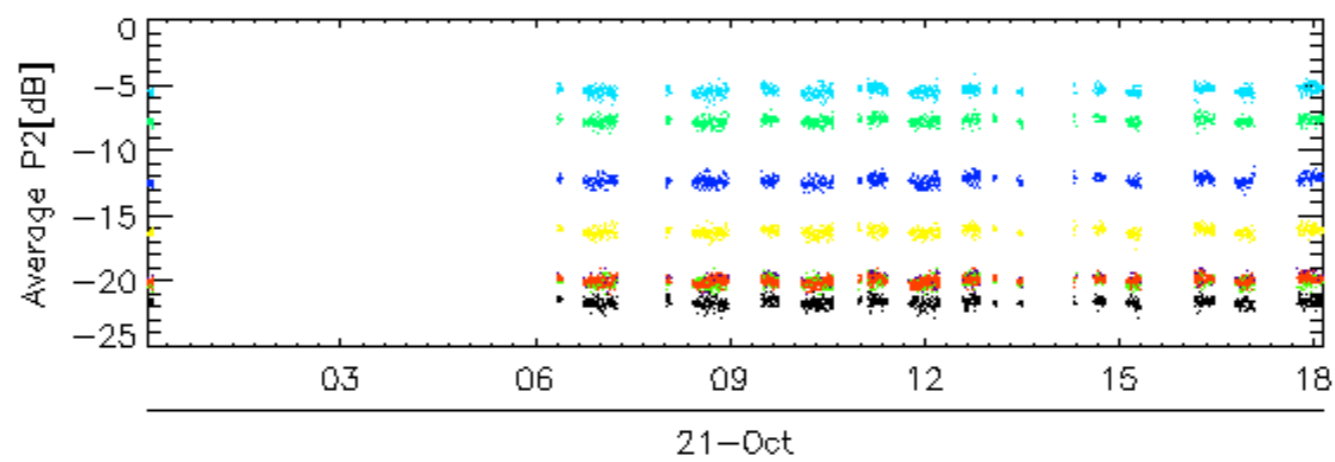
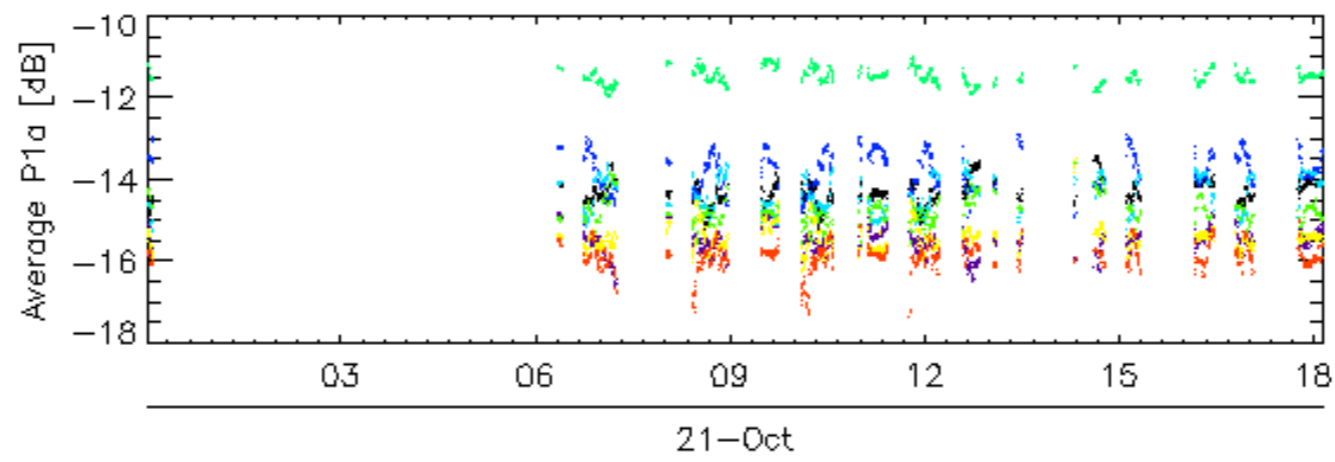
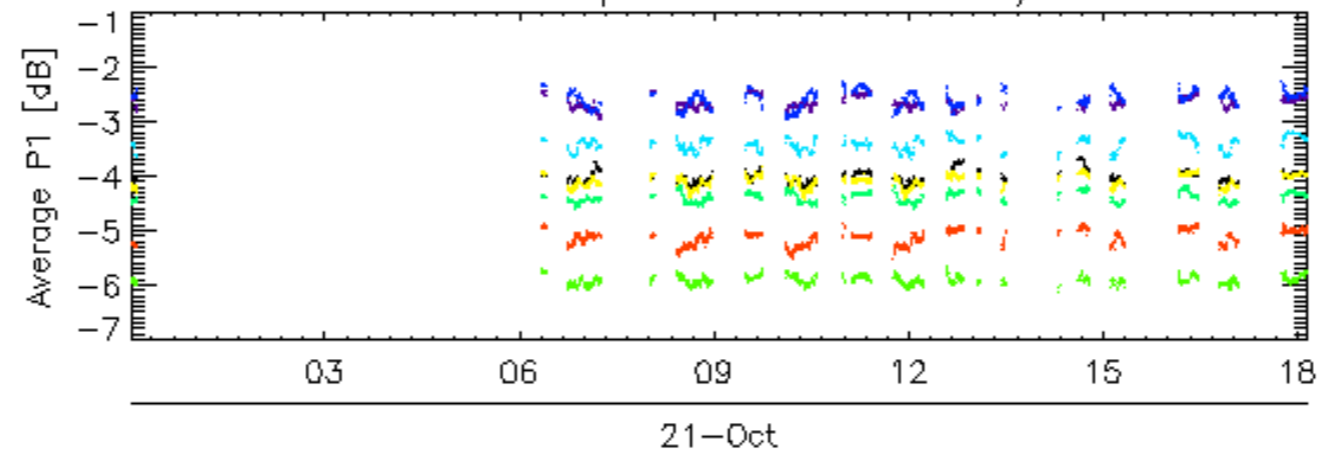


Calibration pulses for WVS IS2 V/V

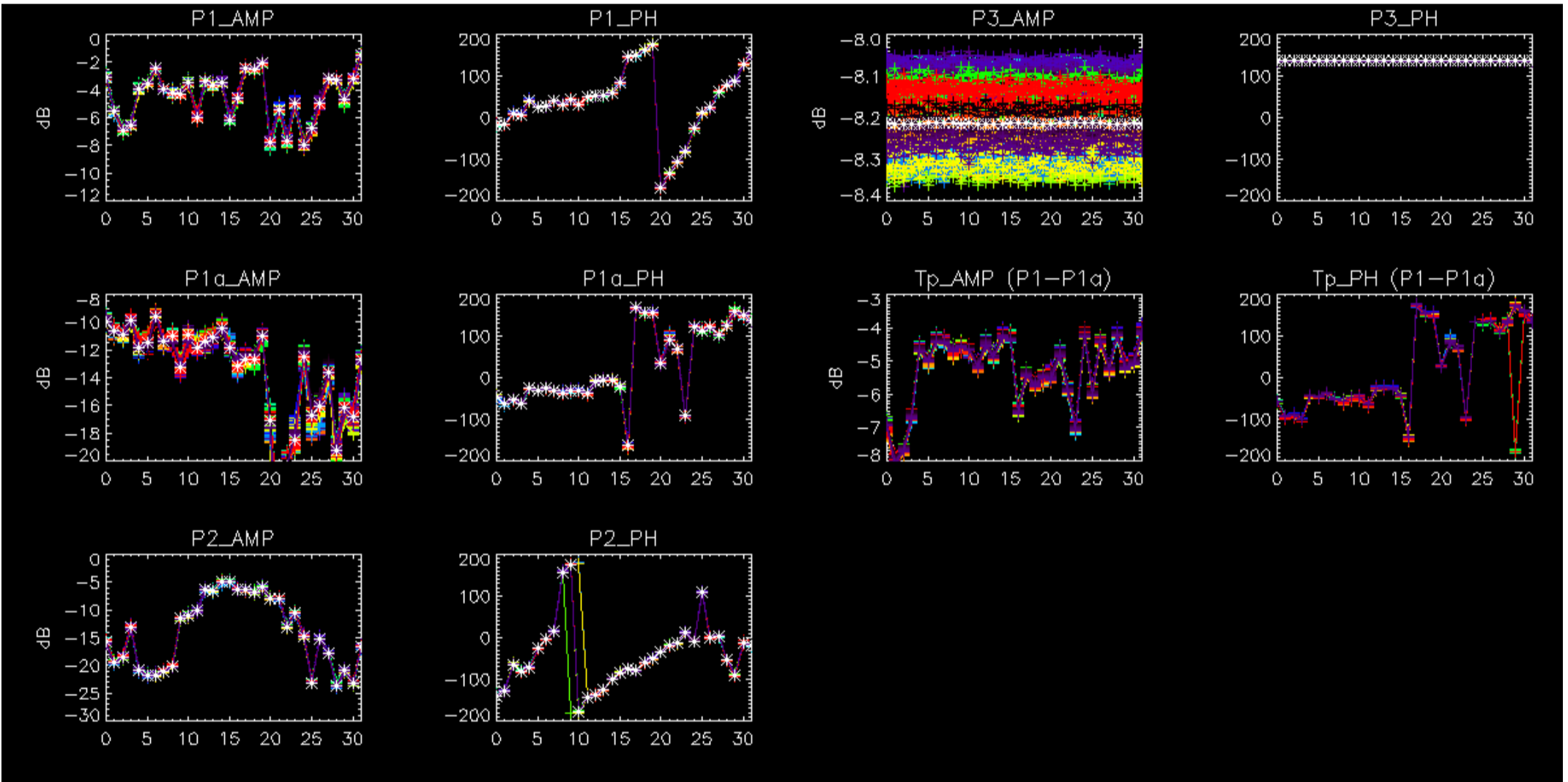


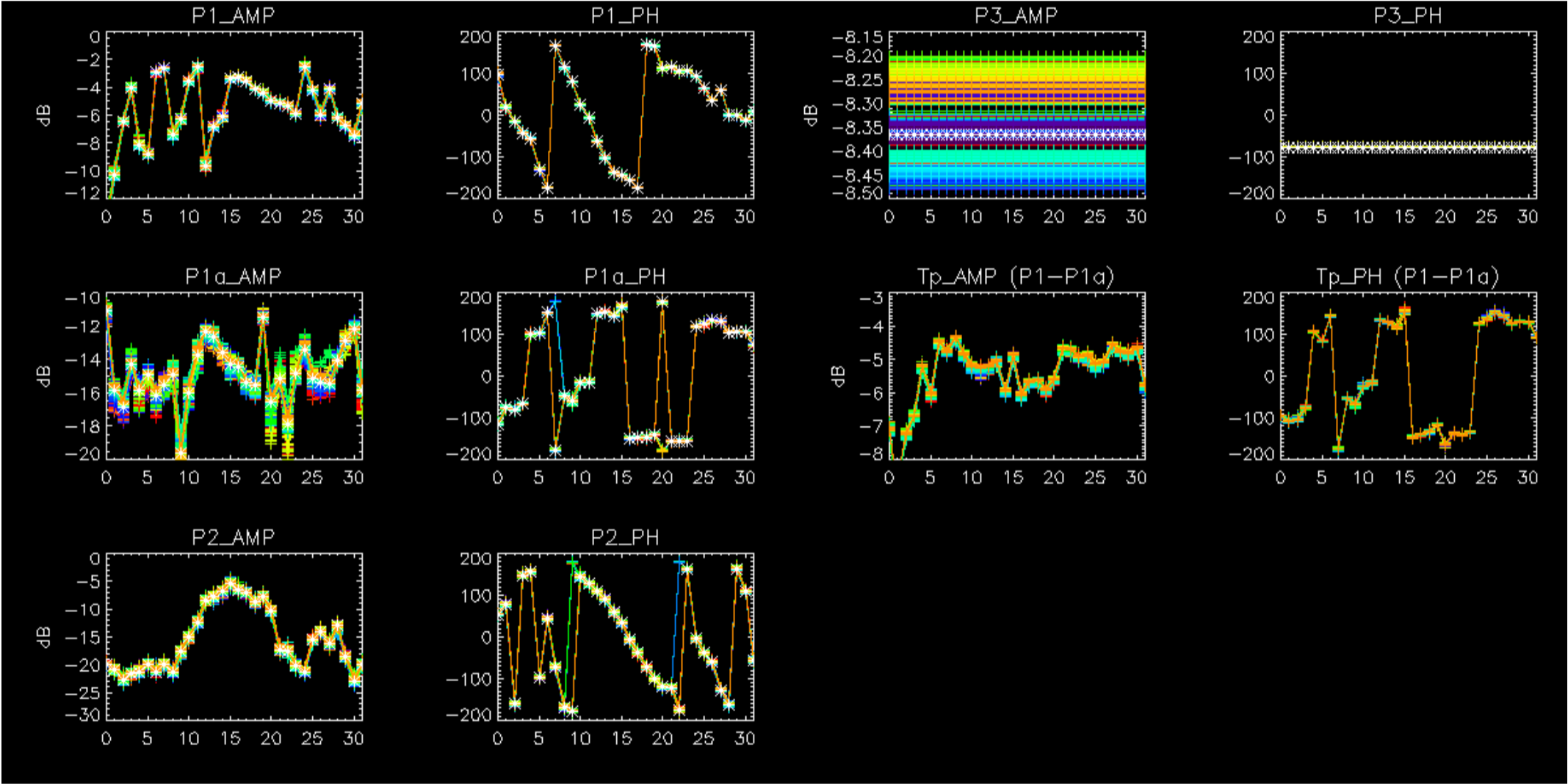
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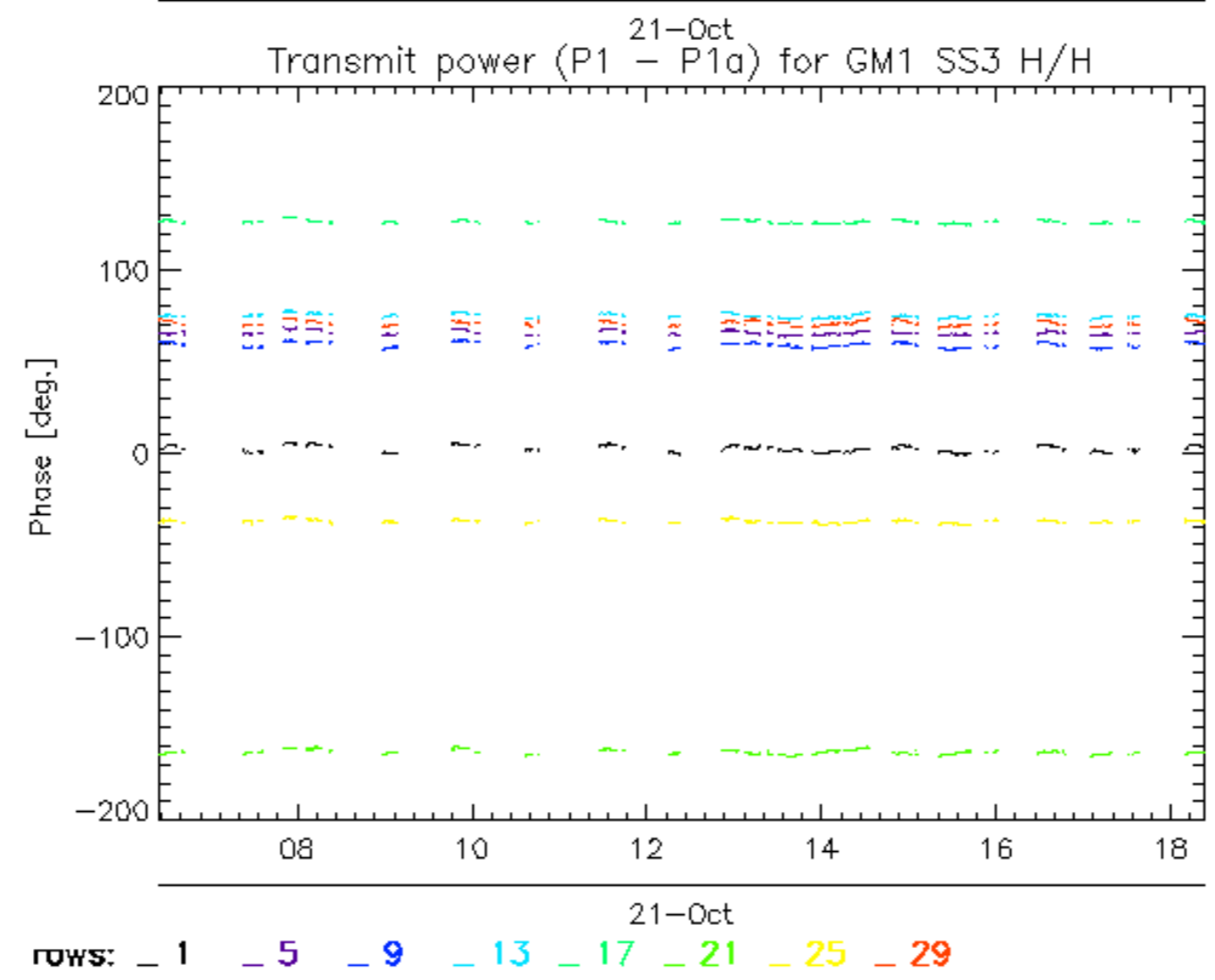
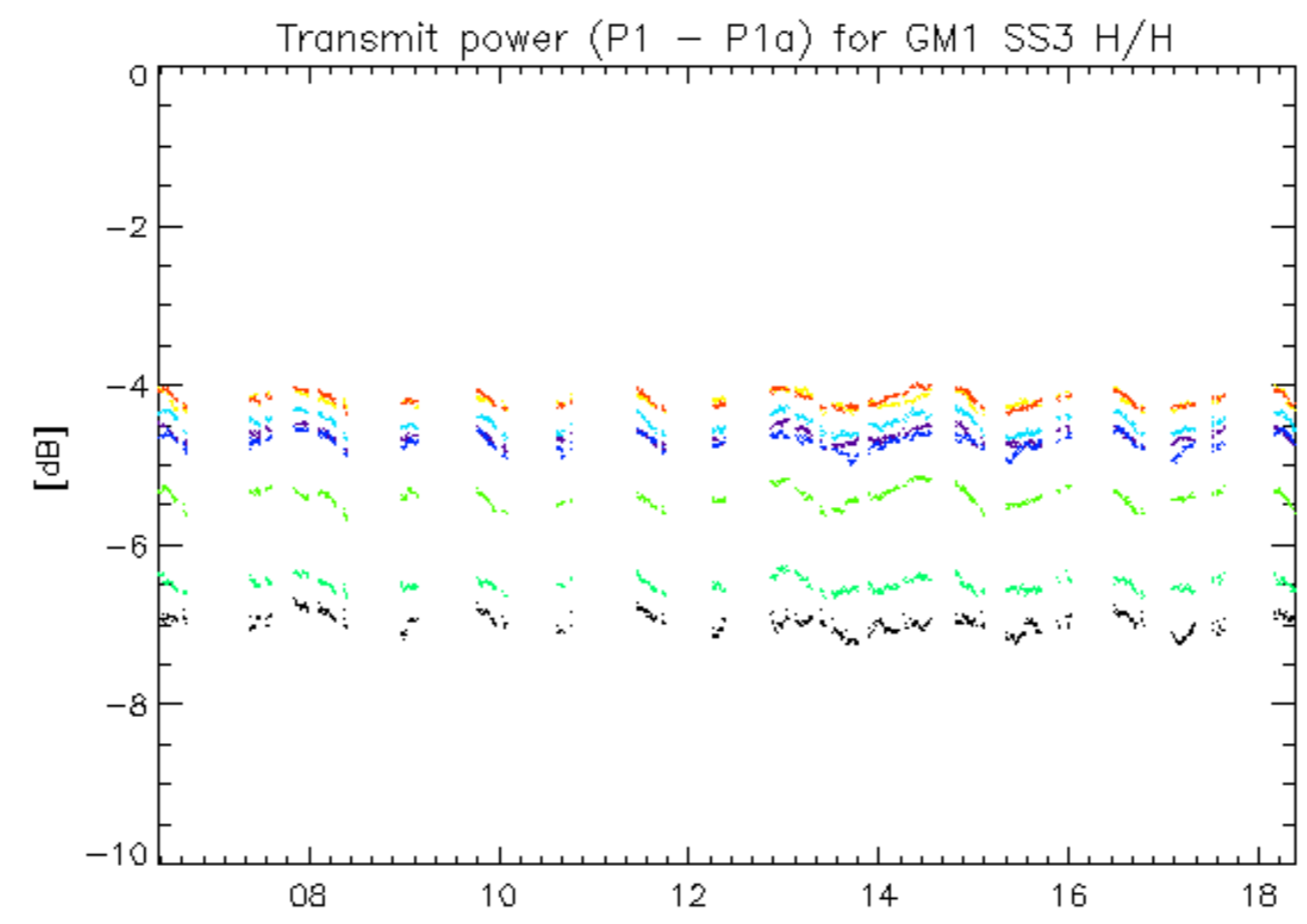
Calibration pulses for WVS IS2 V/V

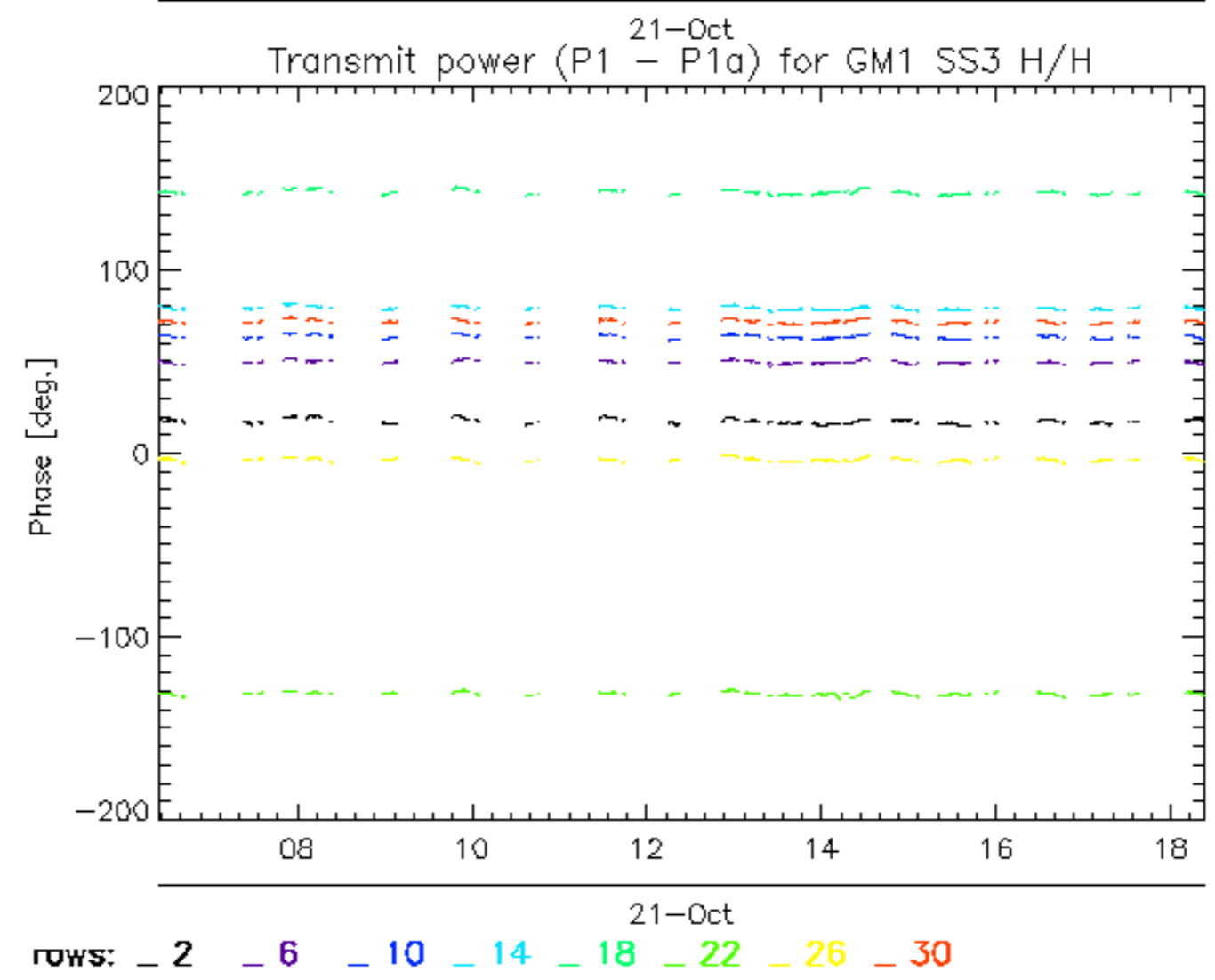
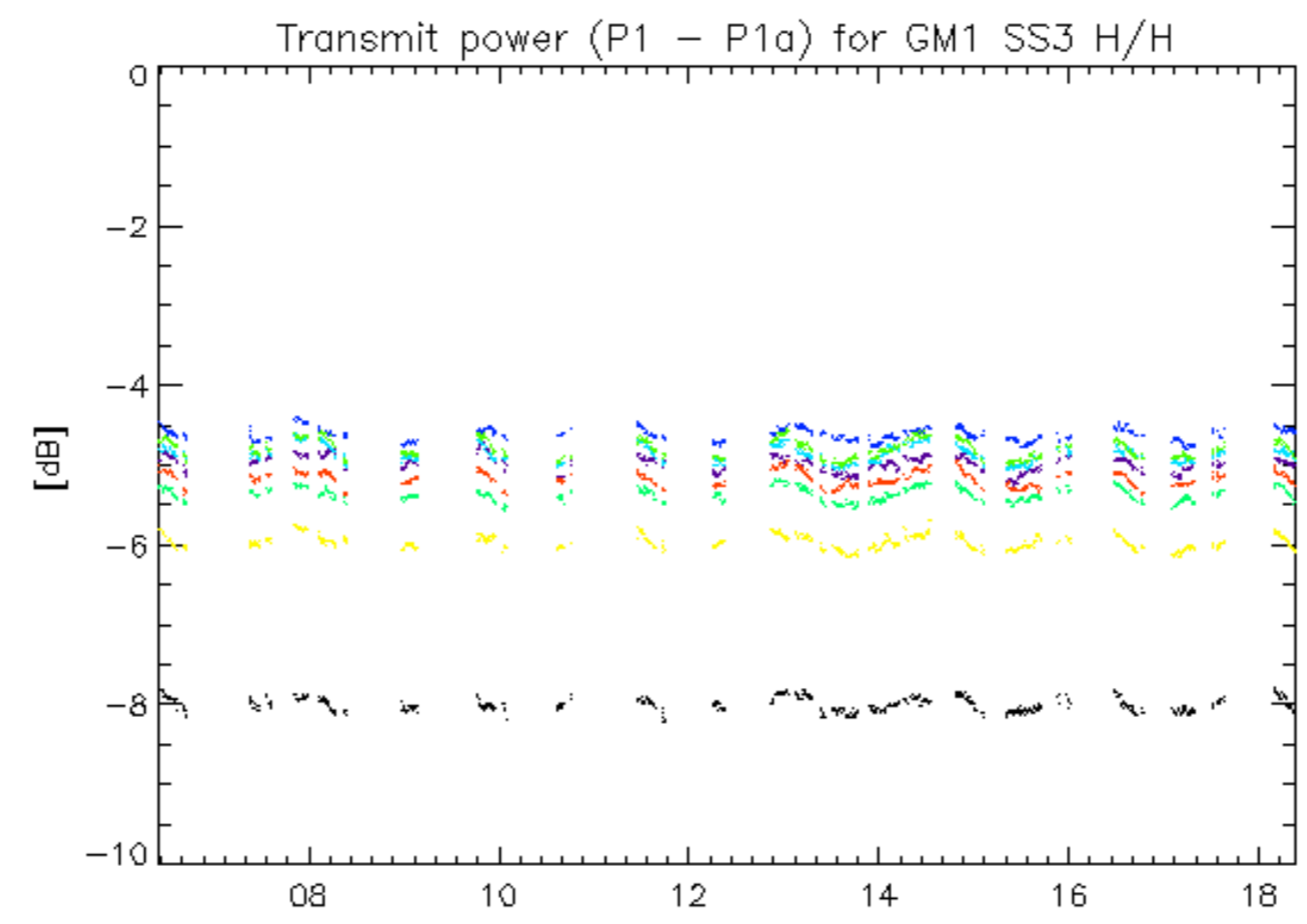


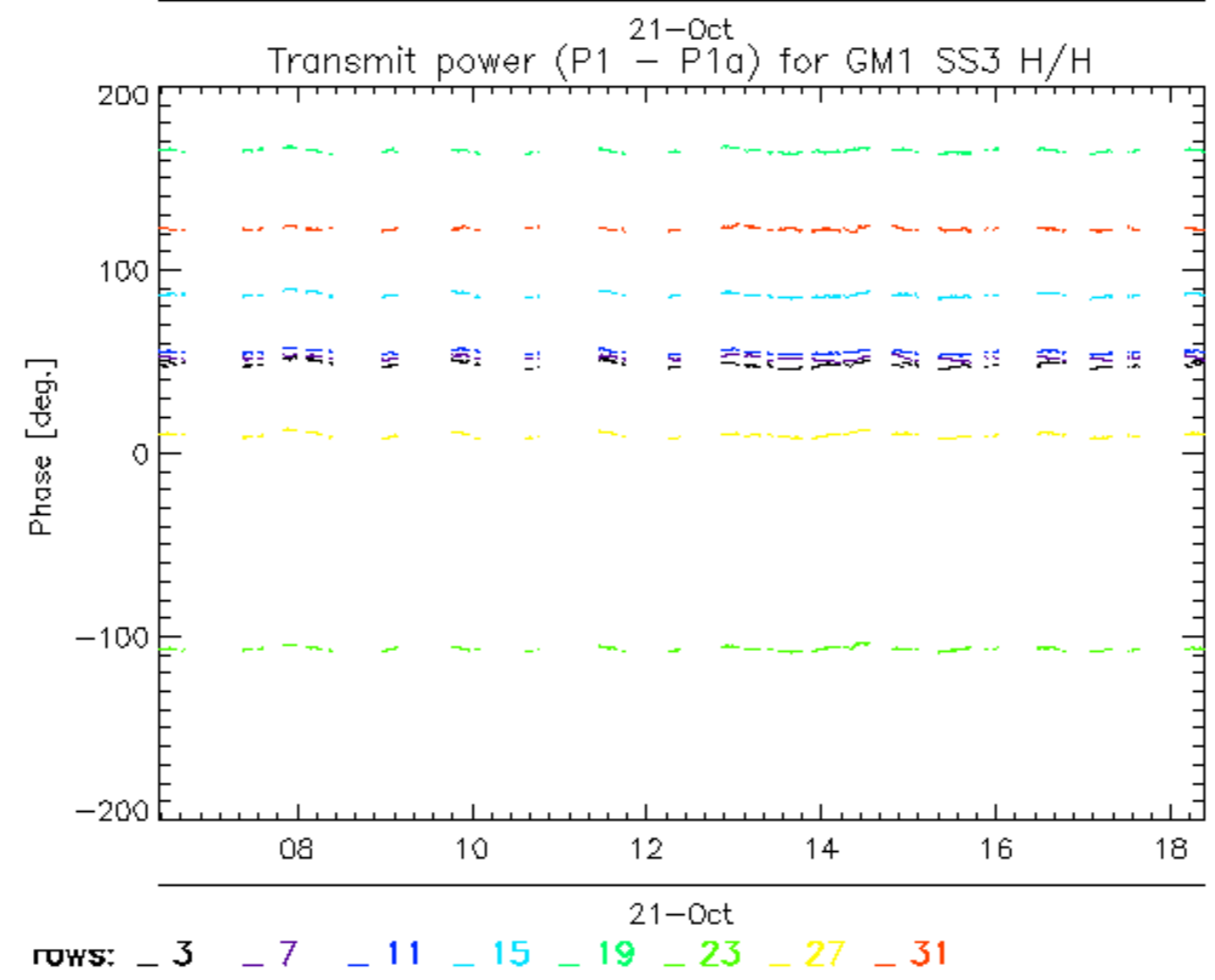
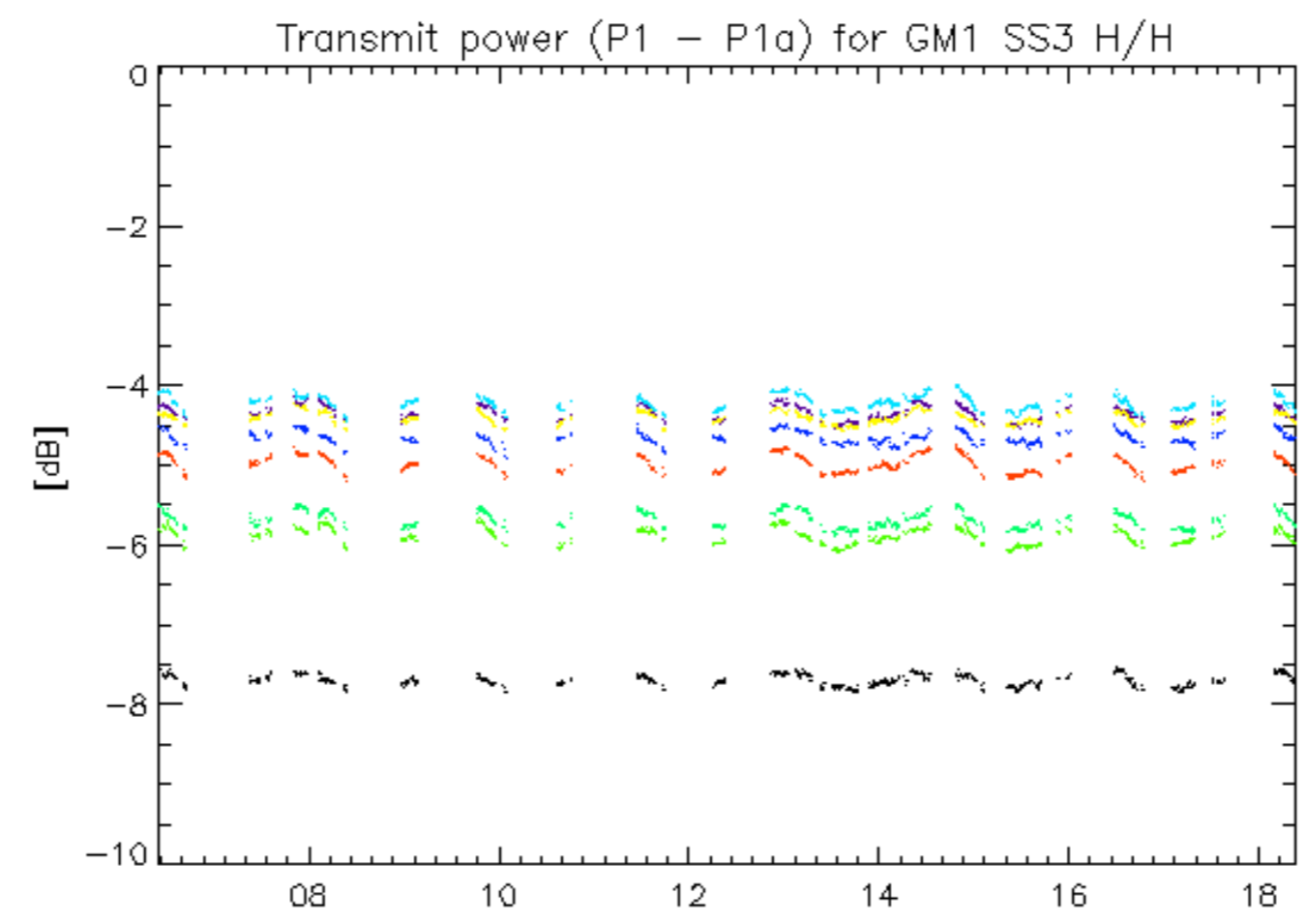
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

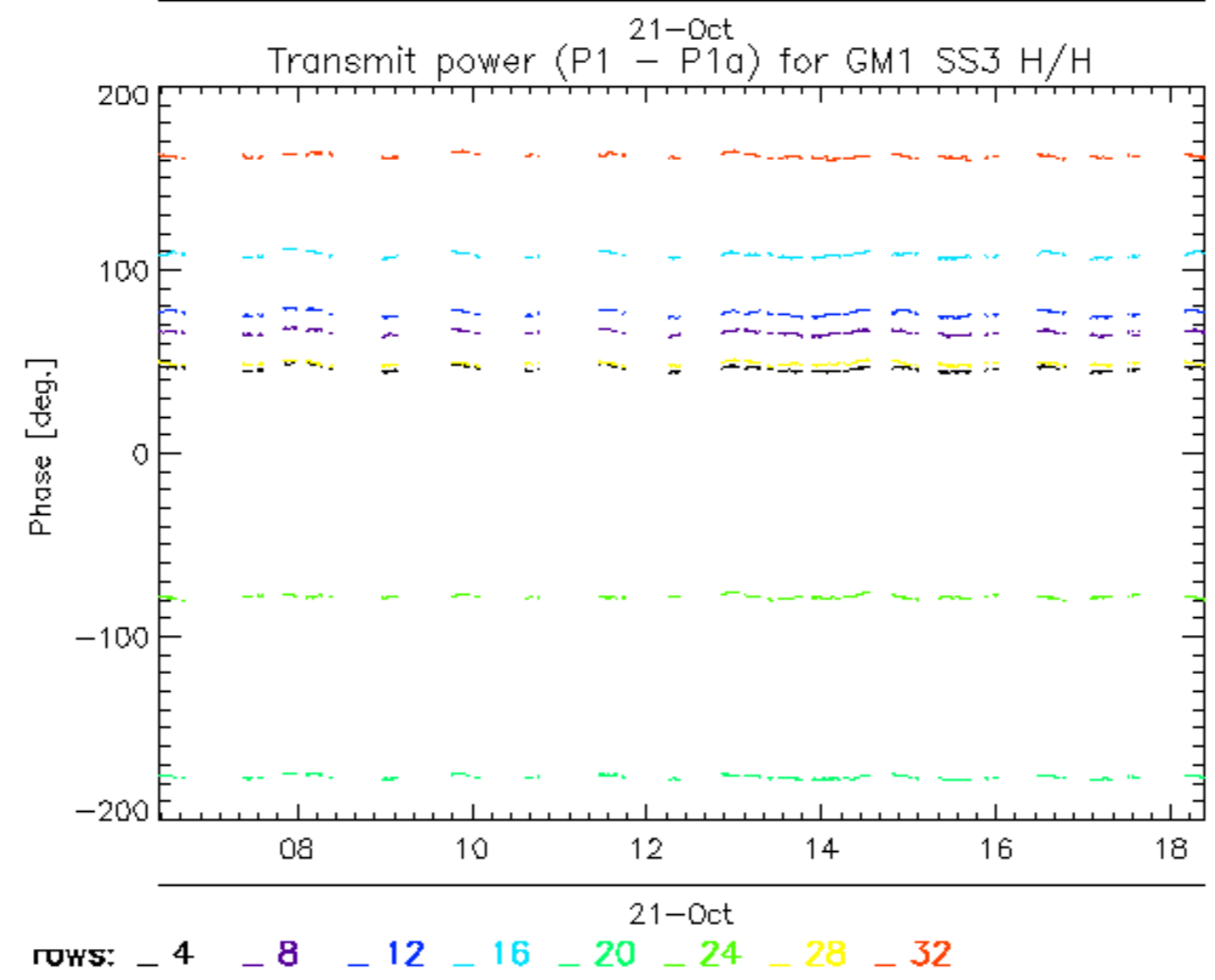
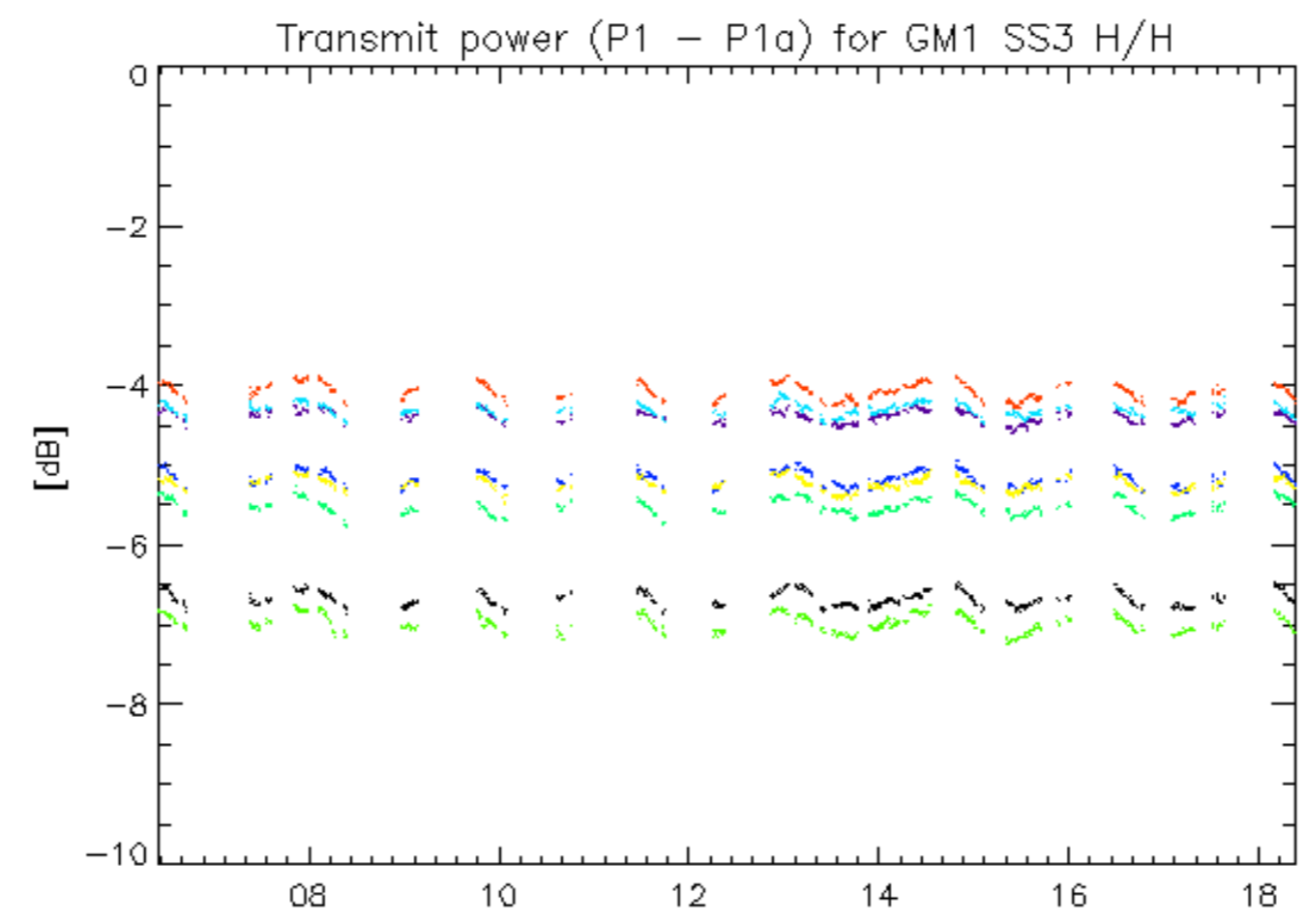


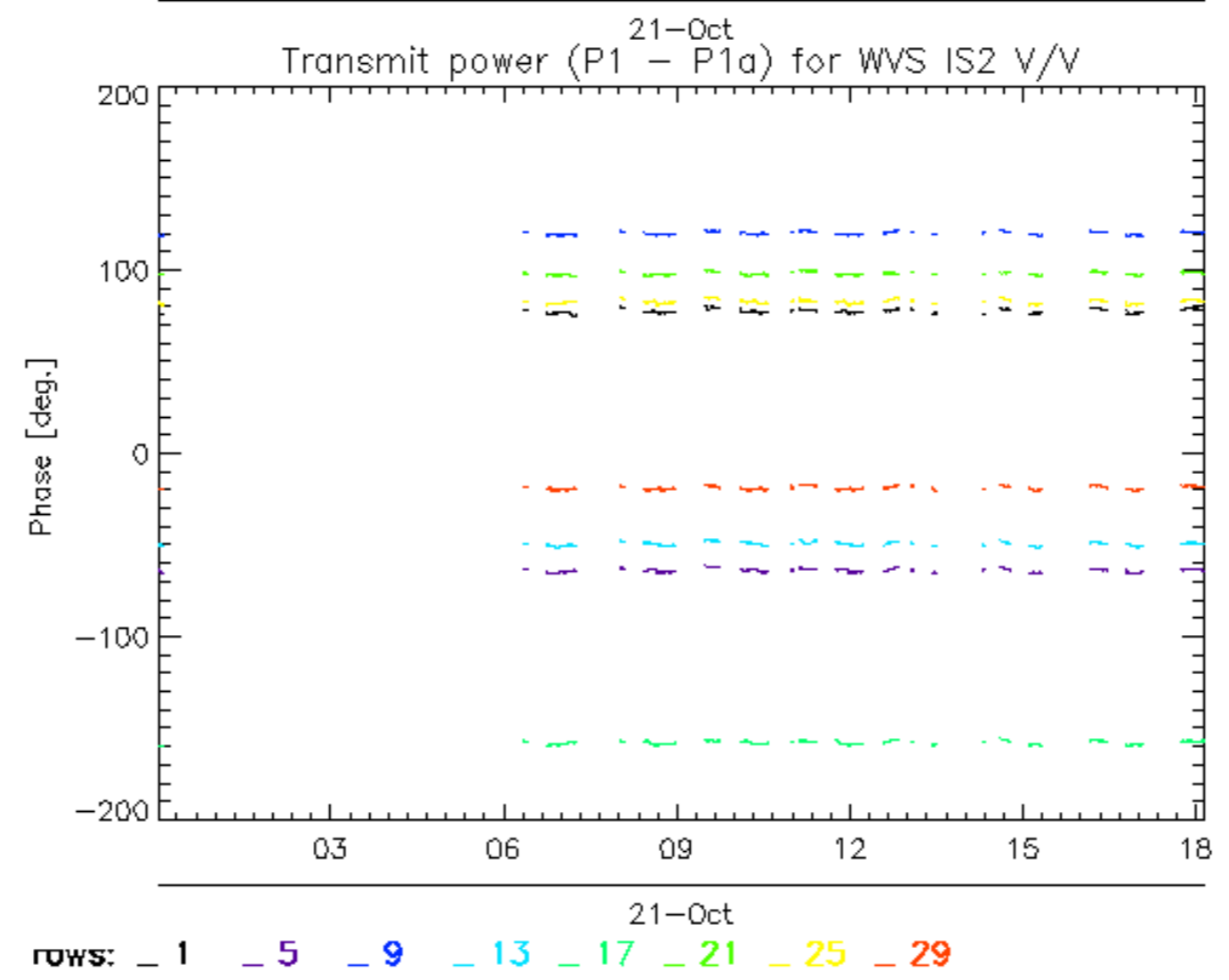
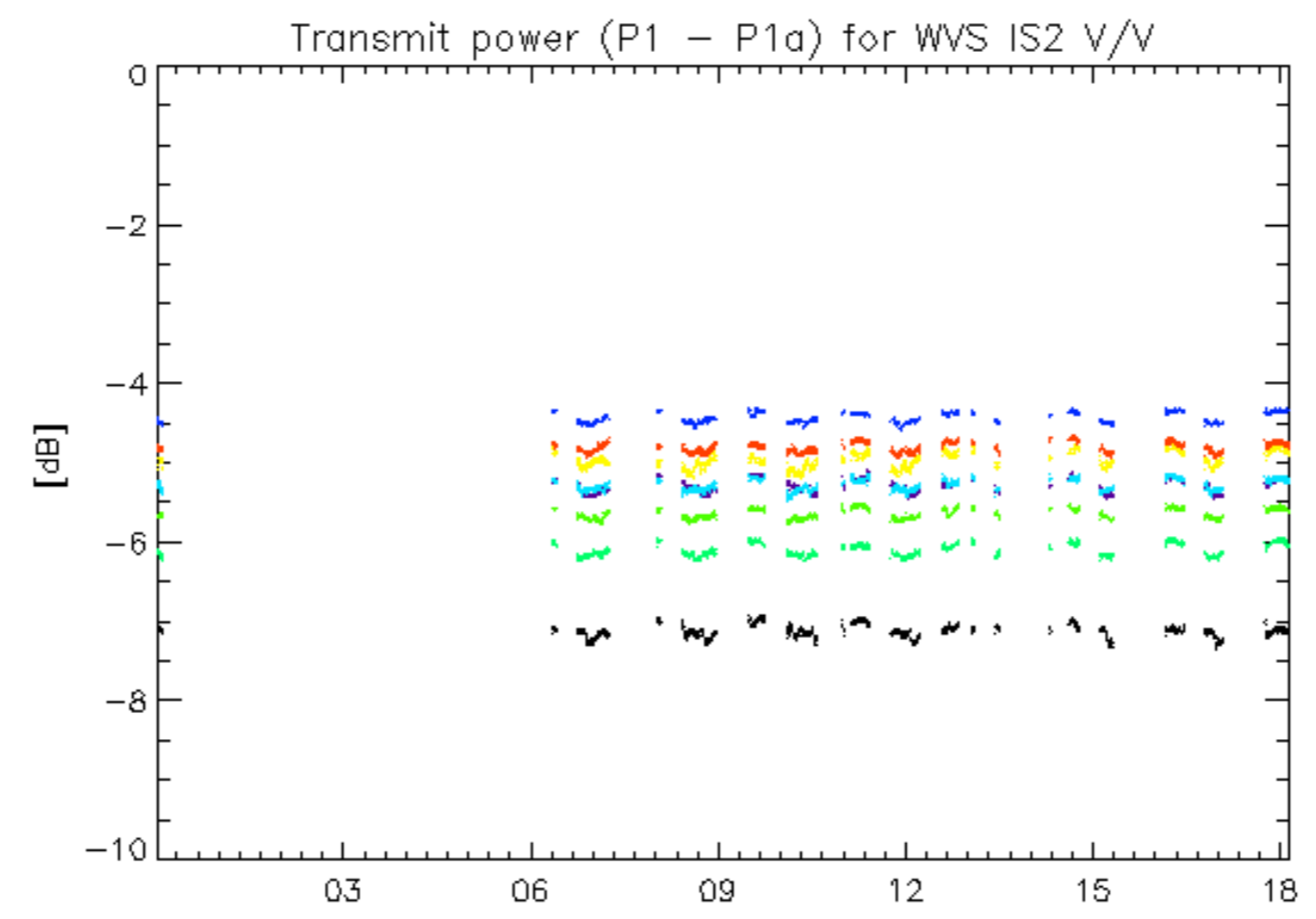


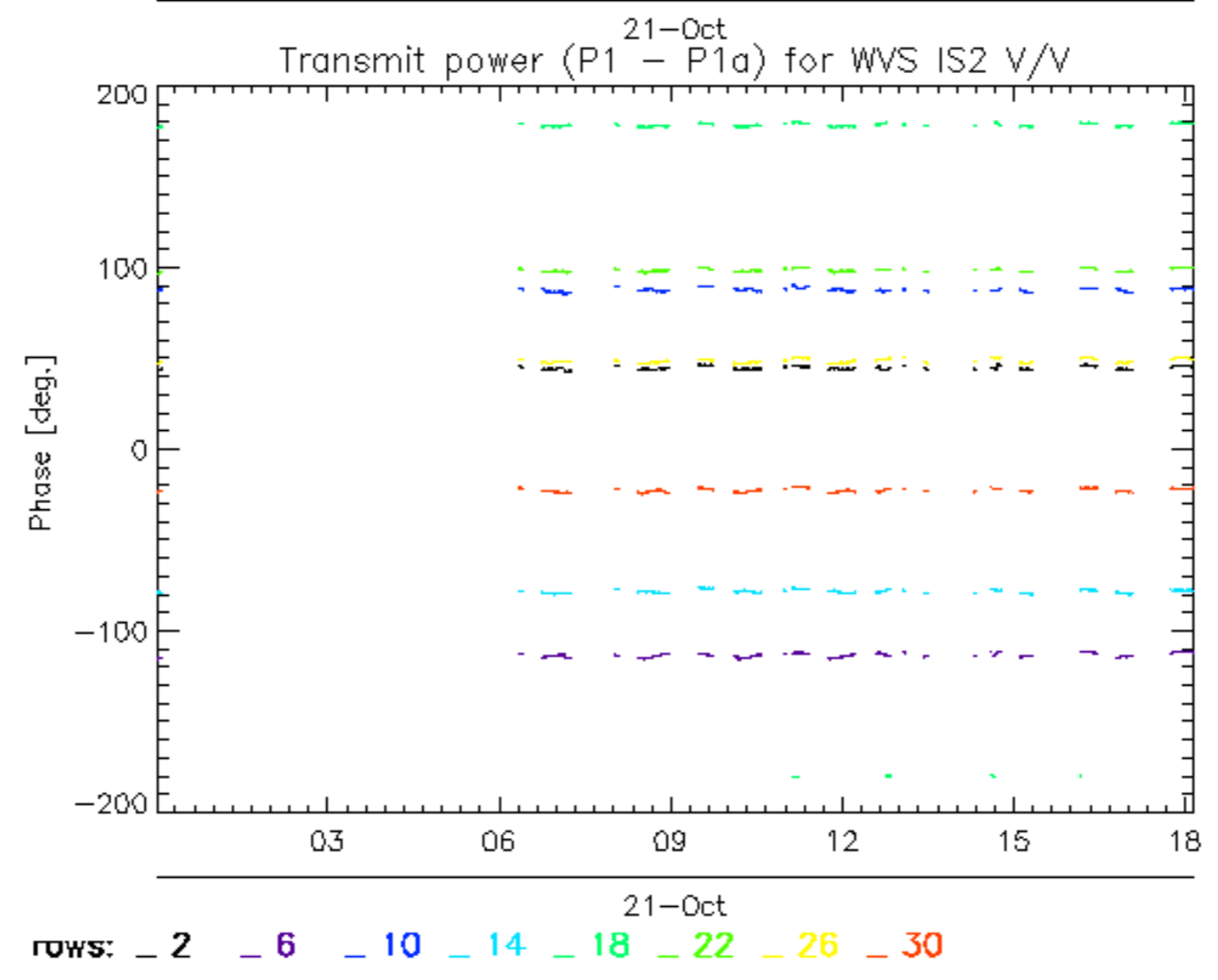
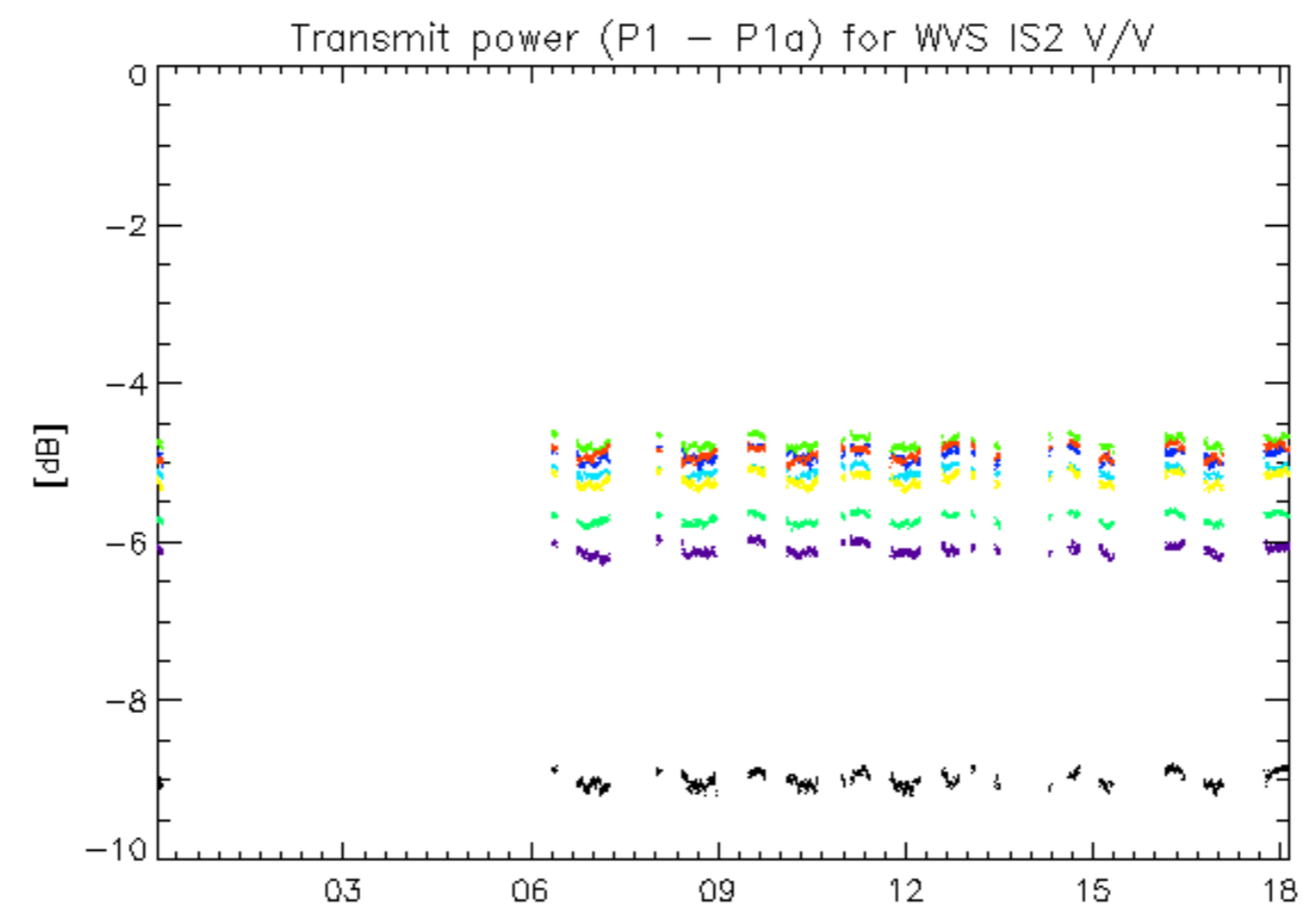


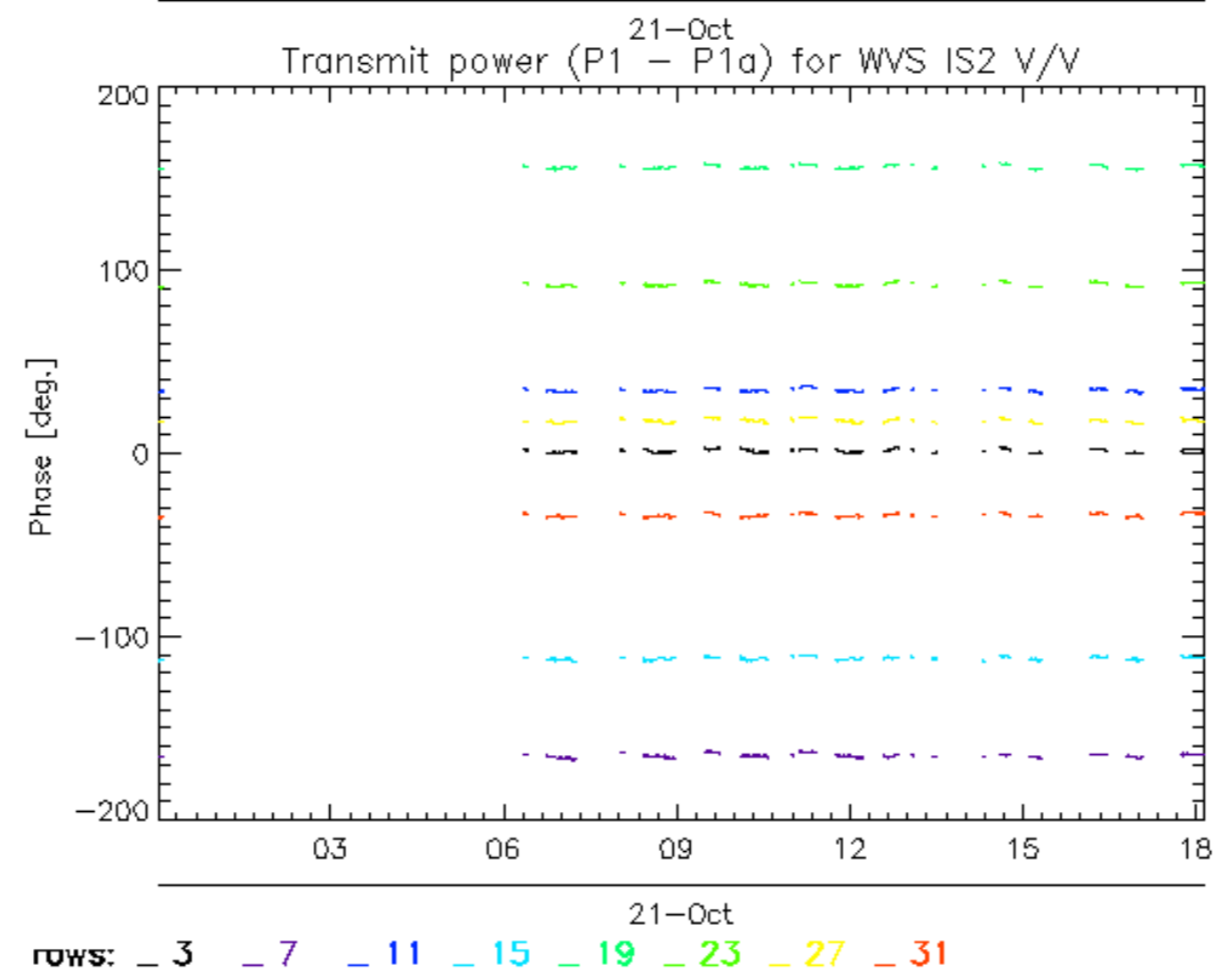
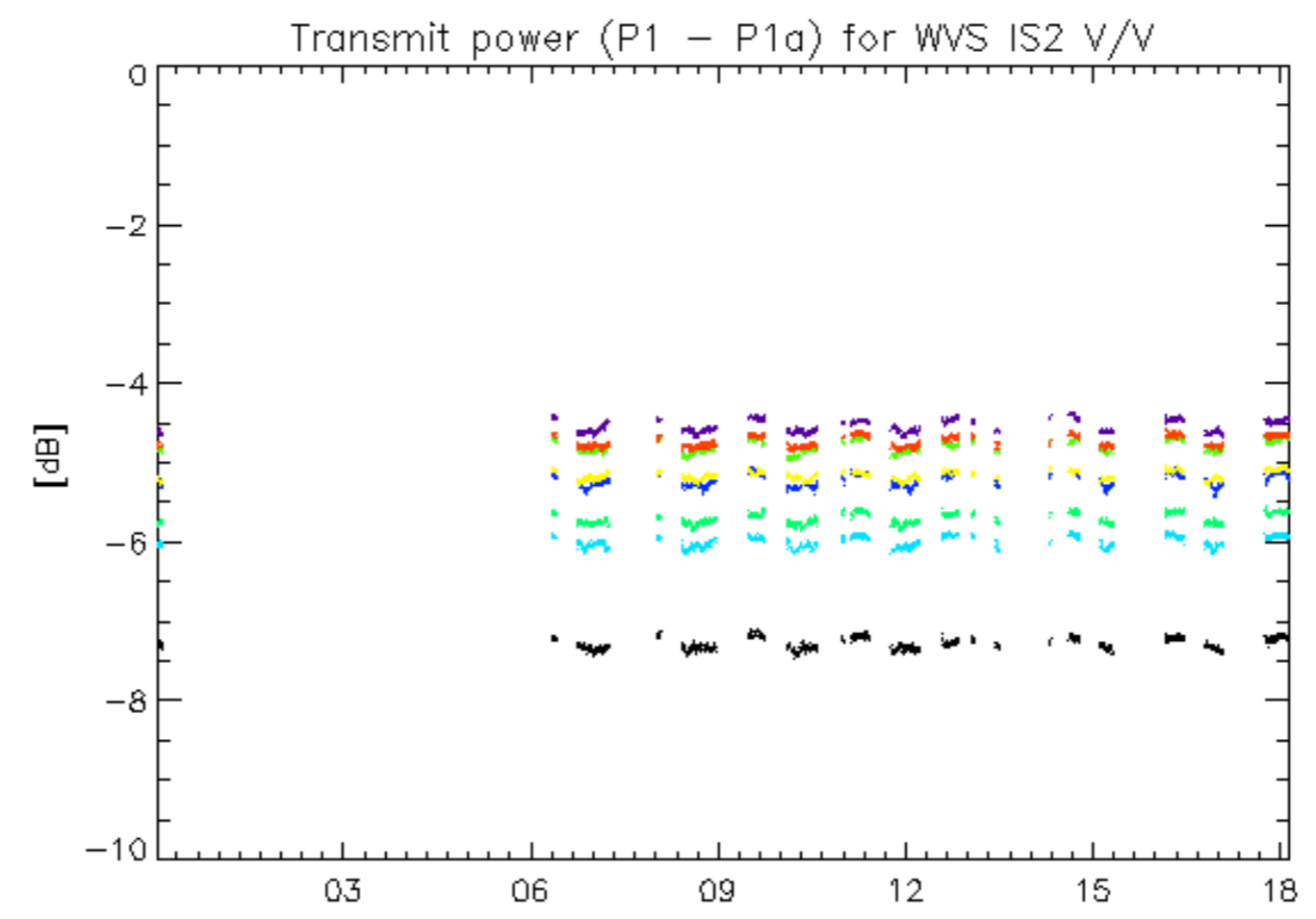


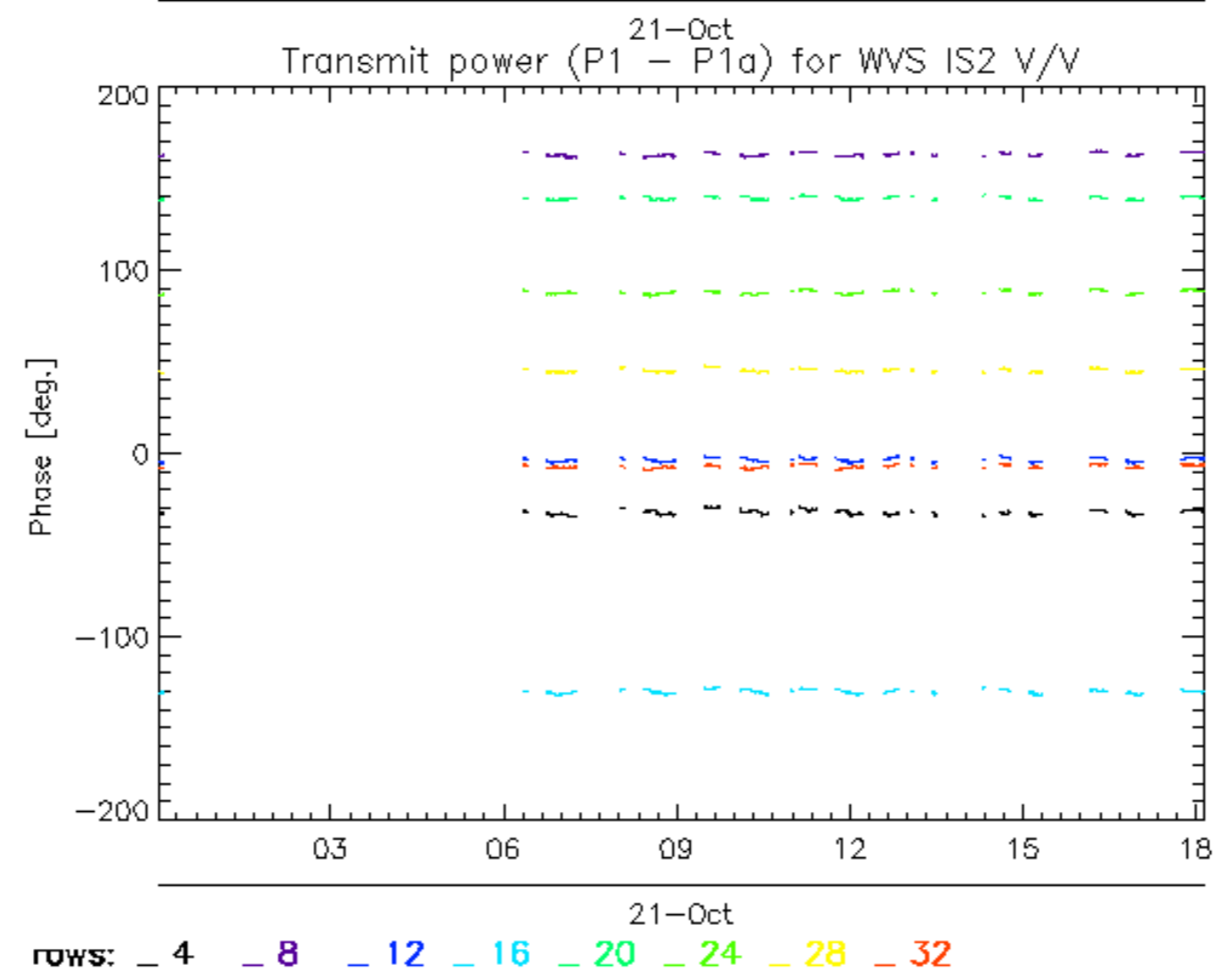
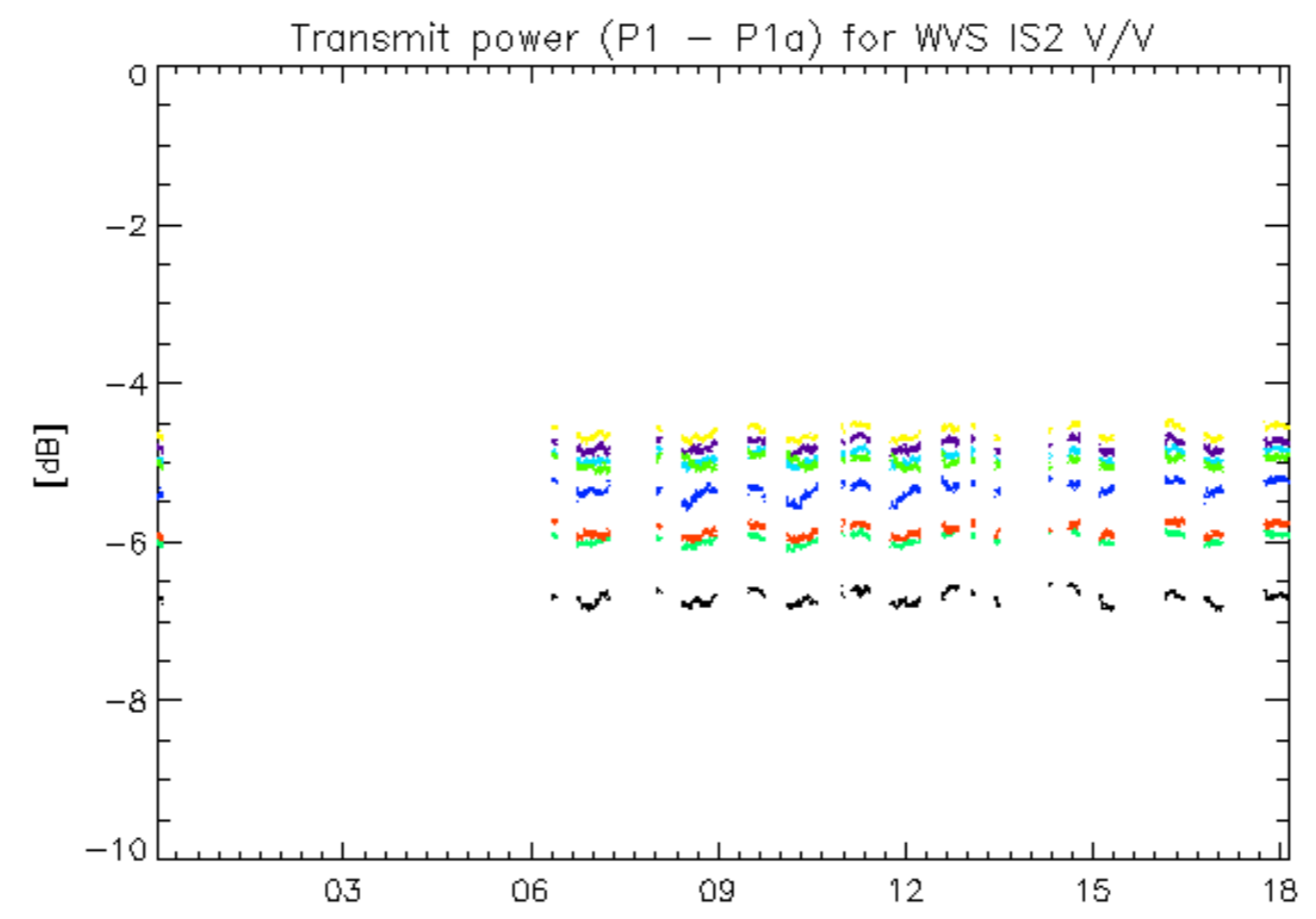


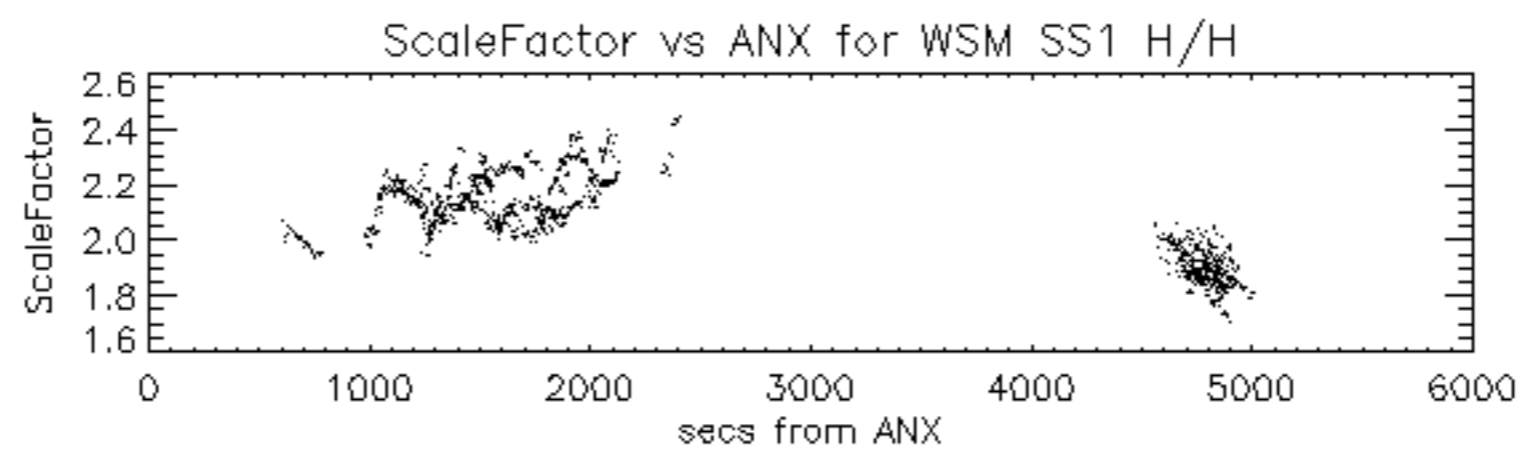


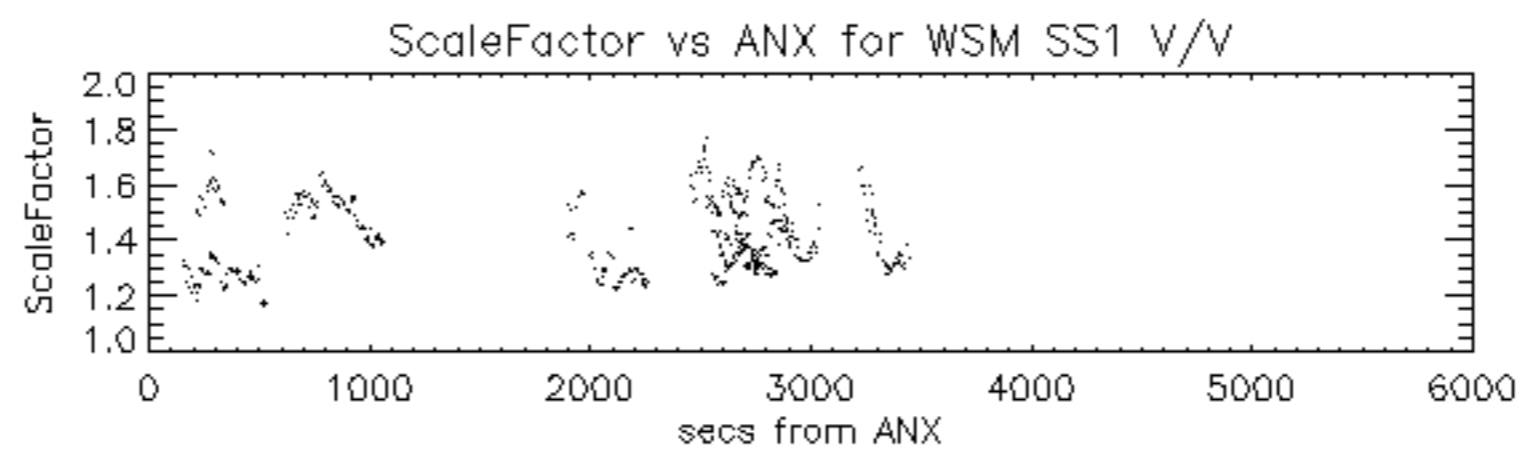


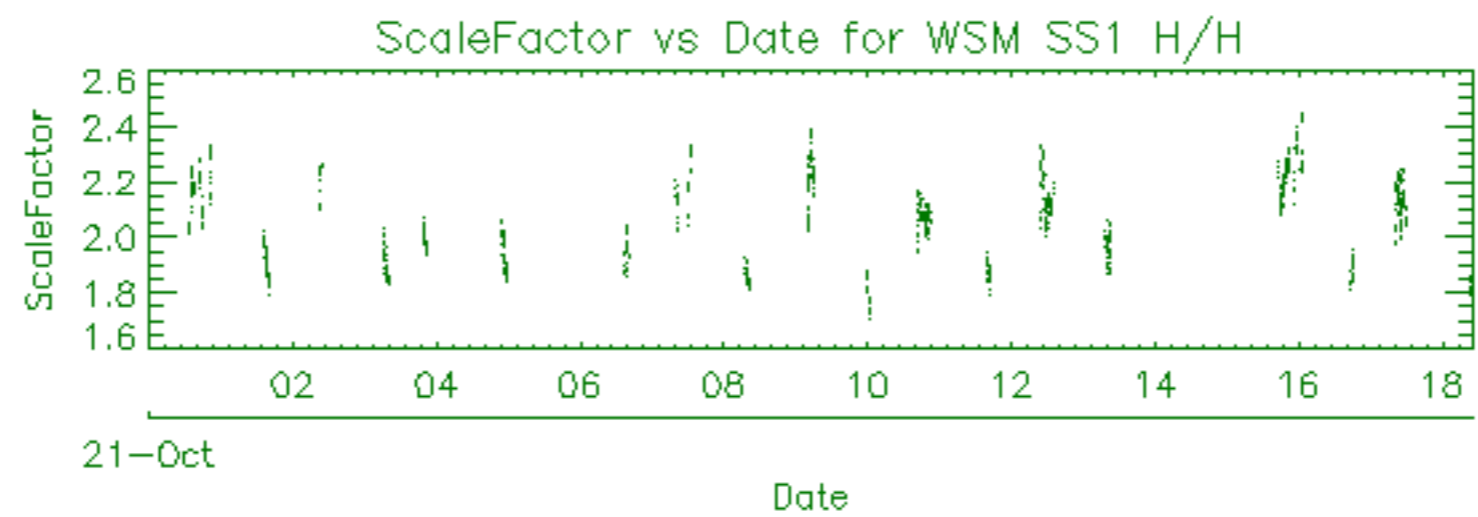


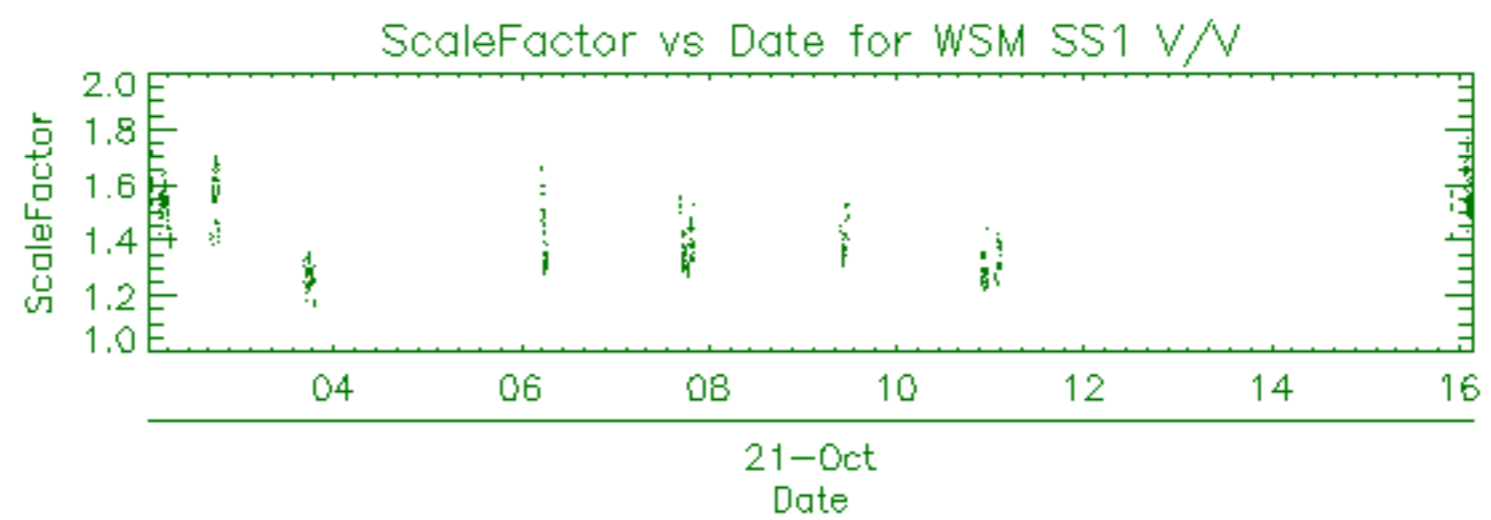












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion			
ASA_APM_1PNPDE20101021_024824_000000592094_00032_45176_1960.N1						IS4	V/H	94	45176 32 5.04



Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_GM1_1PNPDK20101021_062457_000000782094_00034_45178_3505.N1						SS1	H/H	94	45178	34	5.04
ASA_GM1_1PNPDK20101021_062742_000005552094_00034_45178_3771.N1						SS1	H/H	94	45178	34	5.04
ASA_GM1_1PNPDK20101021_064030_000002052094_00034_45178_3508.N1						SS1	H/H	94	45178	34	5.04
ASA_GM1_1PNPDK20101021_072213_000003262094_00035_45179_3510.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_072630_000002052094_00035_45179_3537.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_073312_000002472094_00035_45179_3538.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_075051_000005862094_00035_45179_3539.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_080533_000007252094_00035_45179_3541.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_082147_000001632094_00035_45179_3551.N1						SS1	H/H	94	45179	35	5.04
ASA_GM1_1PNPDK20101021_085812_000006832094_00036_45180_3554.N1						SS1	H/H	94	45180	36	5.04
ASA_GM1_1PNPDK20101021_094608_000007552094_00036_45180_3573.N1						SS1	H/H	94	45180	36	5.04
ASA_GM1_1PNPDK20101021_100226_000001632094_00036_45180_3575.N1						SS1	H/H	94	45180	36	5.04
ASA_GM1_1PNPDK20101021_103620_000003142094_00037_45181_3576.N1						SS1	H/H	94	45181	37	5.04
ASA_GM1_1PNPDK20101021_104510_000000662094_00037_45181_3580.N1						SS1	H/H	94	45181	37	5.04
ASA_GM1_1PNPDK20101021_112644_000007612094_00037_45181_3710.N1						SS1	H/H	94	45181	37	5.04
ASA_GM1_1PNPDK20101021_114243_000001812094_00037_45181_3712.N1						SS1	H/H	94	45181	37	5.04
ASA_GM1_1PNPDK20101021_121452_000005072094_00038_45182_3713.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_125201_000005492094_00038_45182_3739.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_130115_000001082094_00038_45182_3741.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_130716_000006282094_00038_45182_3744.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_132301_000001992094_00038_45182_3743.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_133044_000004592094_00038_45182_3745.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_133925_000004892094_00038_45182_3746.N1						SS1	H/H	94	45182	38	5.04
ASA_GM1_1PNPDK20101021_135324_000008102094_00039_45183_3756.N1						SS1	H/H	94	45183	39	5.04
ASA_GM1_1PNPDK20101021_140534_000004772094_00039_45183_3787.N1						SS1	H/H	94	45183	39	5.04
ASA_GM1_1PNPDK20101021_141553_000001442094_00039_45183_3788.N1						SS1	H/H	94	45183	39	5.04
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ASA_GM1_1PNPDK20101021_144756_000008522094_00039_45183_3792.N1						SS1	H/H	94	45183	39	5.04
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ASA_GM1_1PNPDK20101021_155245_000000842094_00040_45184_3819.N1						SS1	H/H	94	45184	40	5.04
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ASA_GM1_1PNPDK20101021_162832_000008822094_00040_45184_3822.N1						SS1	H/H	94	45184	40	5.04
ASA_GM1_1PNPDK20101021_164532_000001142094_00040_45184_3823.N1						SS1	H/H	94	45184	40	5.04
ASA_GM1_1PNPDK20101021_170508_000008882094_00041_45185_3825.N1						SS1	H/H	94	45185	41	5.04
ASA_GM1_1PNPDK20101021_173014_000001082094_00041_45185_3850.N1						SS1	H/H	94	45185	41	5.04
ASA_GM1_1PNPDK20101021_173256_000002412094_00041_45185_3851.N1						SS1	H/H	94	45185	41	5.04
ASA_GM1_1PNPDK20101021_173814_000000662094_00041_45185_3852.N1						SS1	H/H	94	45185	41	5.04
ASA_GM1_1PNPDK20101021_180908_000008702094_00041_45185_3853.N1						SS1	H/H	94	45185	41	5.04

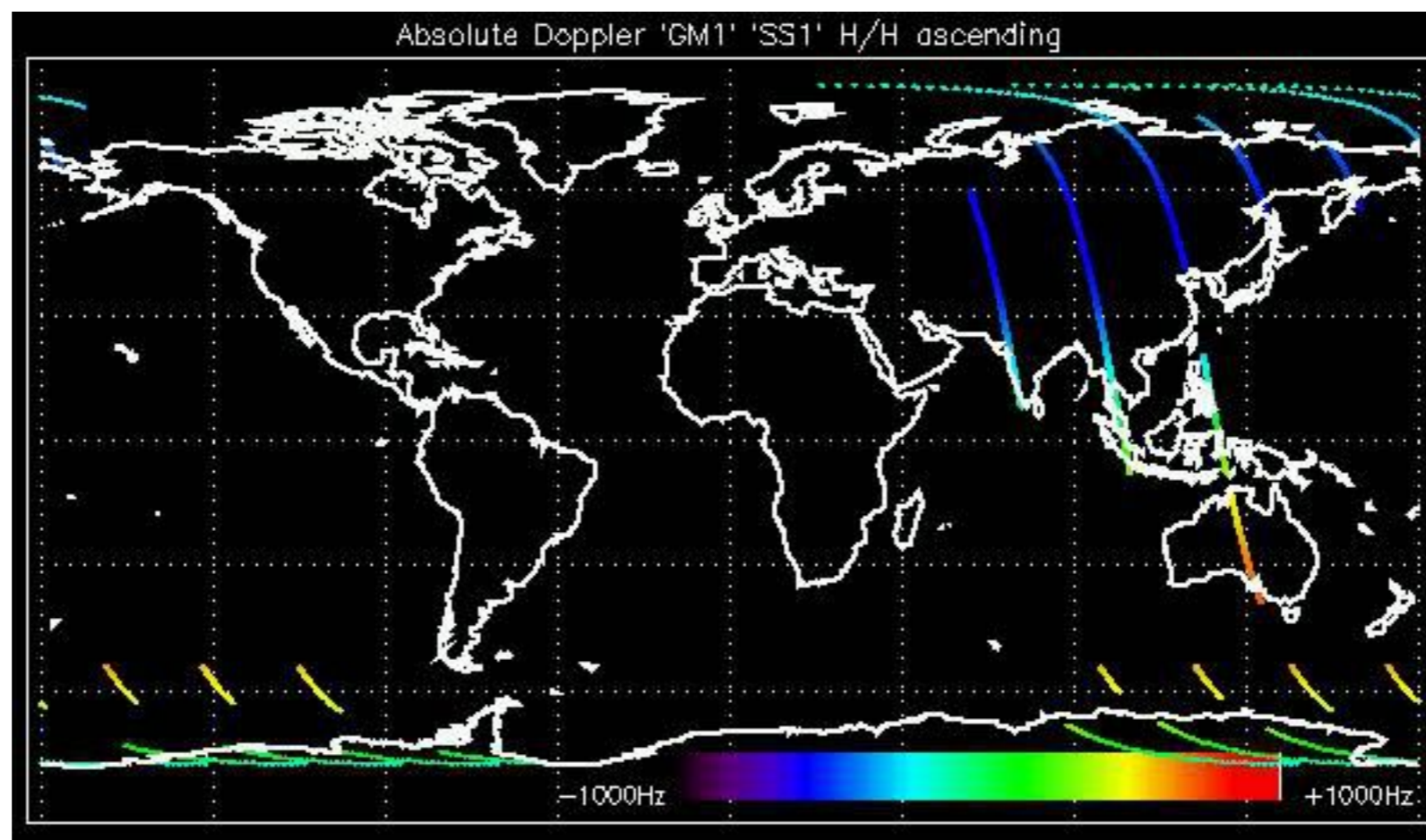
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ASA_IMM_1PNPDE20101021_042602_000000712094_00033_45177_1965.N1						IS2	V/V	94	45177	33	5.04
ASA_IMM_1PNPDE20101021_052621_000003032094_00034_45178_1968.N1						IS2	V/V	94	45178	34	5.04
ASA_IMM_1PNPDE20101021_055923_000000922094_00034_45178_1969.N1						IS2	V/V	94	45178	34	5.04
ASA_IMM_1PNPDK20101021_071539_000002382094_00035_45179_3518.N1						IS2	V/V	94	45179	35	5.04
ASA_IMM_1PNPDK20101021_091628_000001092094_00036_45180_3564.N1						IS2	V/V	94	45180	36	5.04
ASA_IMM_1PNPDE20101021_091844_000000372094_00036_45180_1975.N1						IS2	V/V	94	45180	36	5.04
ASA_IMM_1PNPDE20101021_110147_000000262094_00037_45181_1979.N1						IS6	V/V	94	45181	37	5.04
ASA_IMM_1PNPDE20101021_173203_000000392094_00041_45185_2014.N1						IS3	V/V	94	45185	41	5.04
ASA_IMM_1PNPDE20101021_173656_000000672094_00041_45185_2015.N1						IS7	V/V	94	45185	41	5.04
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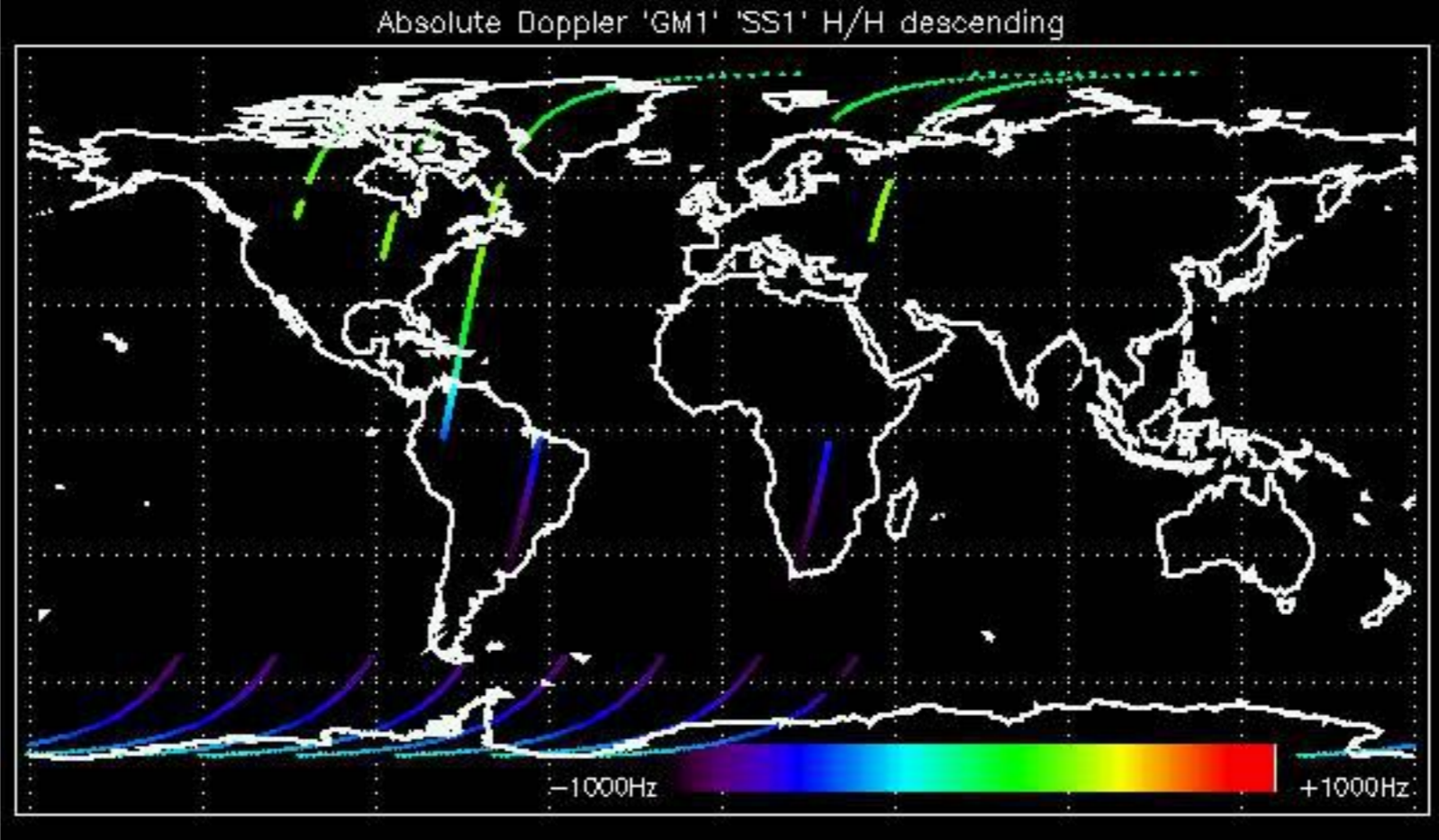
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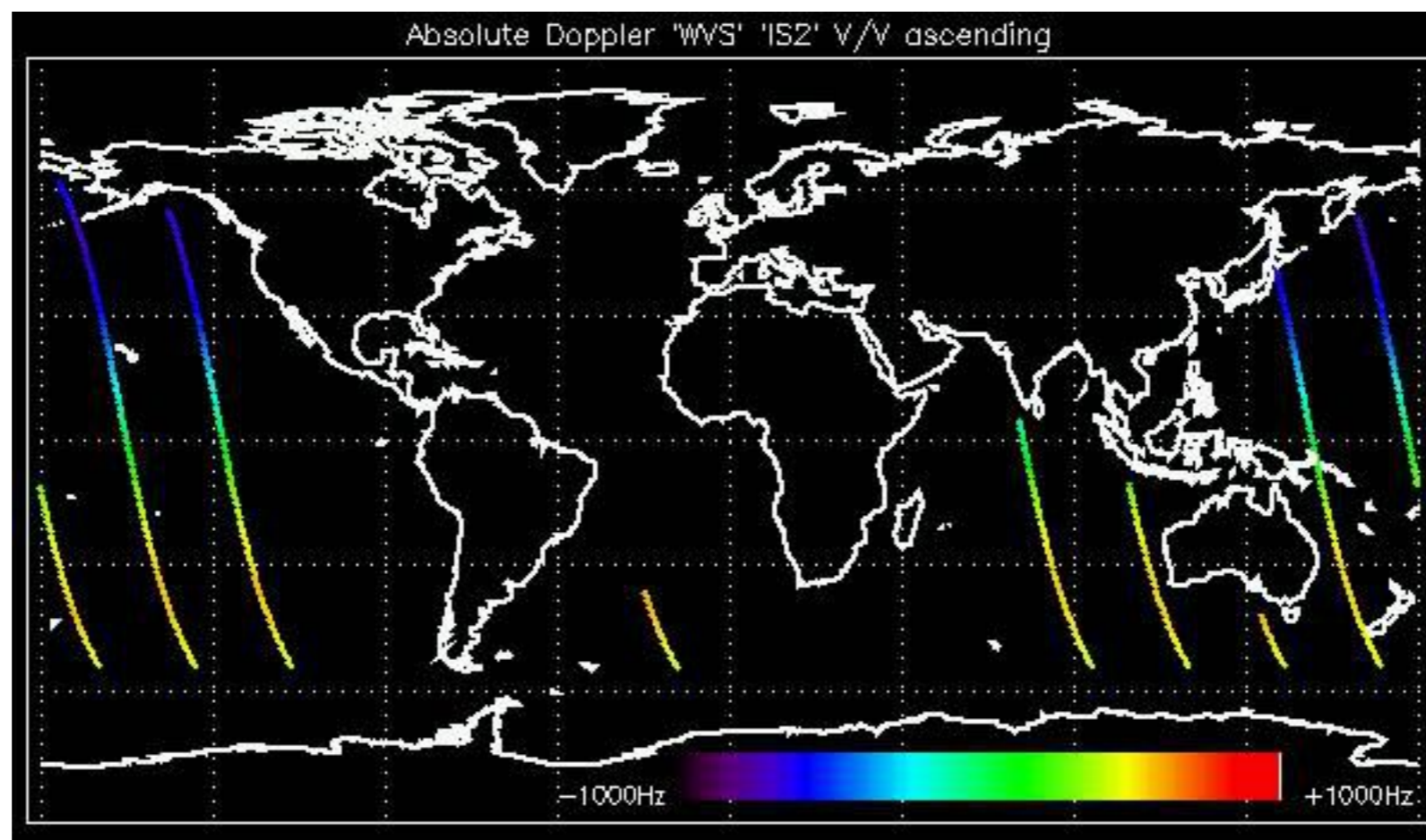


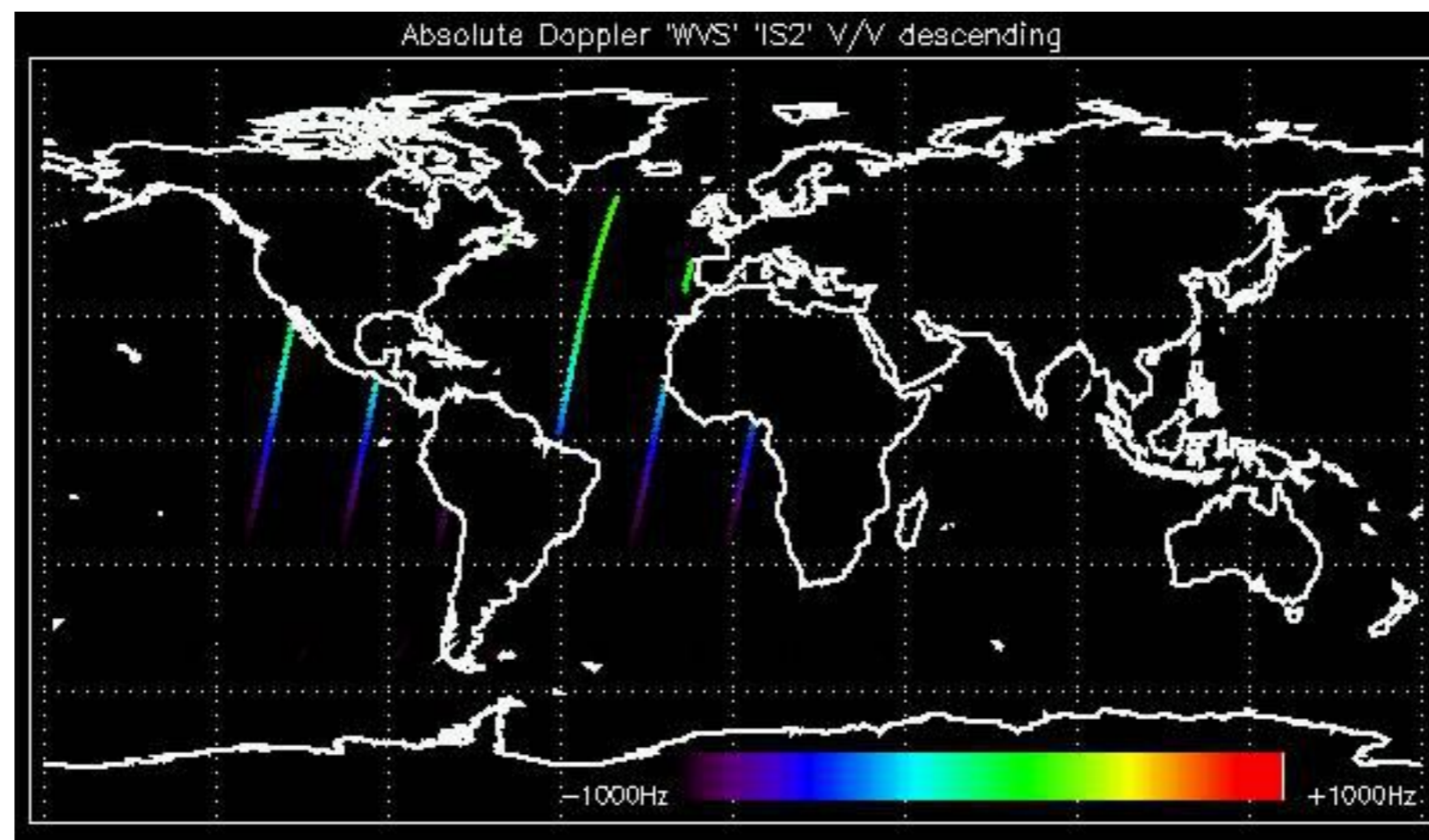
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ASA_WSM_1PNPDE20101021_004138_000002202094_00031_45175_1956.N1						SS1	H/H	94	45175	31	5.04
ASA_WSM_1PNPDE20101021_005034_000000982094_00031_45175_1957.N1						SS1	H/H	94	45175	31	5.04
ASA_WSM_1PNPDE20101021_013601_000002812094_00031_45175_1958.N1						SS1	H/H	94	45175	31	5.04
ASA_WSM_1PNPDK20101021_020135_000001532094_00032_45176_3457.N1						SS1	V/V	94	45176	32	5.04
ASA_WSM_1PNPDE20101021_020815_000004712094_00032_45176_1961.N1						SS1	V/V	94	45176	32	5.04
ASA_WSM_1PNPDE20101021_022210_000001222094_00032_45176_1962.N1						SS1	H/H	94	45176	32	5.04
ASA_WSM_1PNPDE20101021_024128_000003122094_00032_45176_1959.N1						SS1	V/V	94	45176	32	5.04
ASA_WSM_1PNPDE20101021_031530_000002942094_00032_45176_1963.N1						SS1	H/H	94	45176	32	5.04
ASA_WSM_1PNPDK20101021_034110_000003922094_00033_45177_3734.N1						SS1	V/V	94	45177	33	5.04
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ASA_WSM_1PNPDE20101021_034841_000001902094_00033_45177_1964.N1						SS1	H/H	94	45177	33	5.04
ASA_WSM_1PNPDE20101021_045433_000003122094_00033_45177_1967.N1						SS1	H/H	94	45177	33	5.04
ASA_WSM_1PNPDE20101021_061248_000002512094_00034_45178_1970.N1						SS1	V/V	94	45178	34	5.04
ASA_WSM_1PNPDK20101021_063703_000001902094_00034_45178_3517.N1						SS1	H/H	94	45178	34	5.04
ASA_WSM_1PNPDK20101021_071953_000001352094_00035_45179_3520.N1						SS1	H/H	94	45179	35	5.04
ASA_WSM_1PNPDE20101021_072958_000001902094_00035_45179_1972.N1						SS1	H/H	94	45179	35	5.04
ASA_WSM_1PNPDE20101021_074149_000005382094_00035_45179_1973.N1						SS1	V/V	94	45179	35	5.04
ASA_WSM_1PNPDK20101021_081742_000002452094_00035_45179_3561.N1						SS1	H/H	94	45179	35	5.04
ASA_WSM_1PNPDK20101021_090937_000003922094_00036_45180_3562.N1						SS1	H/H	94	45180	36	5.04
ASA_WSM_1PNPDE20101021_090942_000003732094_00036_45180_1974.N1						SS1	H/H	94	45180	36	5.04
ASA_WSM_1PNPDE20101021_092441_000002512094_00036_45180_1976.N1						SS1	V/V	94	45180	36	5.04
ASA_WSM_1PNPDE20101021_095845_000002202094_00036_45180_1981.N1						SS1	H/H	94	45180	36	5.04
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ASA_WSM_1PNPDE20101021_104344_000000732094_00037_45181_1977.N1						SS1	H/H	94	45181	37	5.04
ASA_WSM_1PNPDK20101021_104628_000003732094_00037_45181_3584.N1						SS1	H/H	94	45181	37	5.04
ASA_WSM_1PNPDE20101021_105414_000002882094_00037_45181_1978.N1						SS1	V/V	94	45181	37	5.04
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ASA_WSM_1PNPDK20101021_113929_000001902094_00037_45181_3754.N1						SS1	H/H	94	45181	37	5.04
ASA_WSM_1PNPDK20101021_122322_000001352094_00038_45182_3752.N1						SS1	H/H	94	45182	38	5.04
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ASA_WSM_1PNPDK20101021_160337_000003302094_00040_45184_3841.N1						SS1	V/V	94	45184	40	5.04
ASA_WSM_1PNPDE20101021_164320_000001282094_00040_45184_1985.N1						SS1	H/H	94	45184	40	5.04
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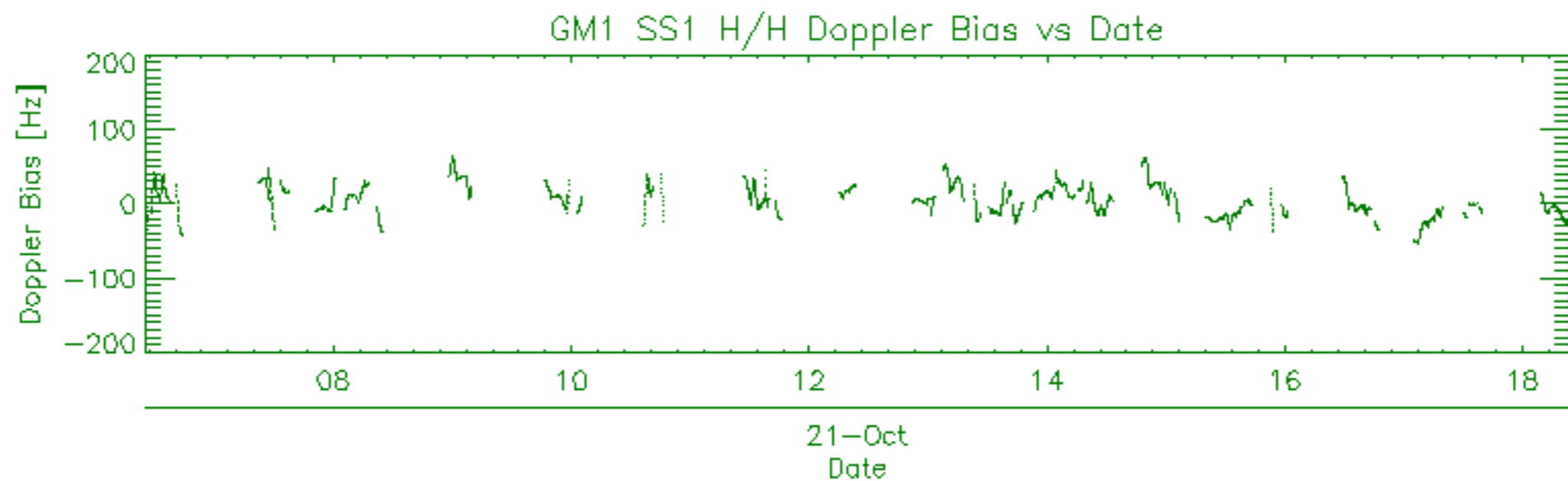
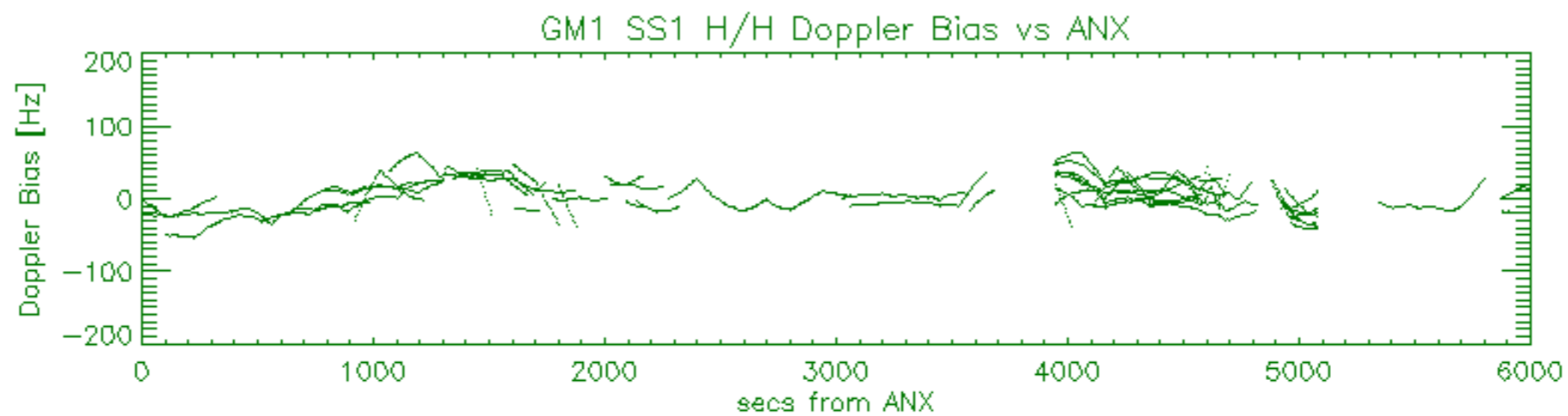
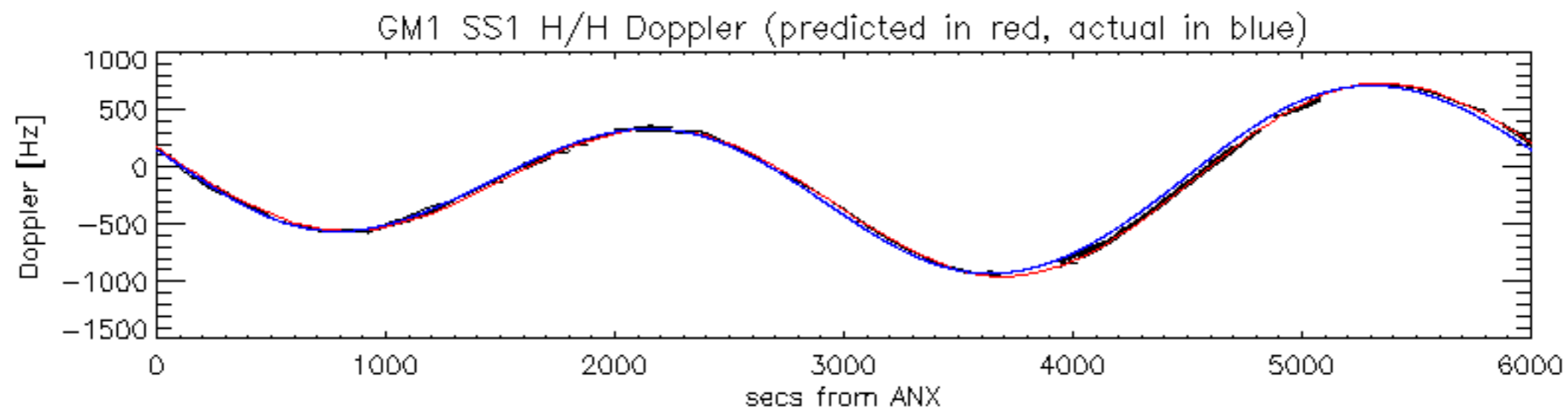
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WVS_1PNPDK20101021_064359_000018592094_00034_45178_3509.N1						IS2	V/V	94	45178	34	5.04
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ASA_WVS_1PNPDK20101021_082435_000019792094_00035_45179_3553.N1						IS2	V/V	94	45179	35	5.04
ASA_WVS_1PNPDK20101021_092918_000009592094_00036_45180_3574.N1						IS2	V/V	94	45180	36	5.04
ASA_WVS_1PNPDK20101021_100511_000018292094_00036_45180_3579.N1						IS2	V/V	94	45180	36	5.04
ASA_WVS_1PNPDK20101021_105859_000001192094_00037_45181_3709.N1						IS2	V/V	94	45181	37	5.04
ASA_WVS_1PNPDK20101021_110731_000011092094_00037_45181_3711.N1						IS2	V/V	94	45181	37	5.04
ASA_WVS_1PNPDK20101021_114547_000017092094_00037_45181_3714.N1						IS2	V/V	94	45181	37	5.04
ASA_WVS_1PNPDK20101021_123520_000009592094_00038_45182_3740.N1						IS2	V/V	94	45182	38	5.04
ASA_WVS_1PNPDK20101021_130307_000002102094_00038_45182_3742.N1						IS2	V/V	94	45182	38	5.04
ASA_WVS_1PNPDK20101021_132623_000002102094_00038_45182_3753.N1						IS2	V/V	94	45182	38	5.04
ASA_WVS_1PNPDK20101021_141824_000000592094_00039_45183_3789.N1						IS2	V/V	94	45183	39	5.04
ASA_WVS_1PNPDK20101021_143651_000006142094_00039_45183_3791.N1						IS2	V/V	94	45183	39	5.04
ASA_WVS_1PNPDK20101021_150659_000007492094_00039_45183_3795.N1						IS2	V/V	94	45183	39	5.04
ASA_WVS_1PNPDK20101021_160908_000011242094_00040_45184_3821.N1						IS2	V/V	94	45184	40	5.04
ASA_WVS_1PNPDK20101021_164735_000010042094_00040_45184_3824.N1						IS2	V/V	94	45184	40	5.04
ASA_WVS_1PNPDK20101021_174509_000013942094_00041_45185_3855.N1						IS2	V/V	94	45185	41	5.04

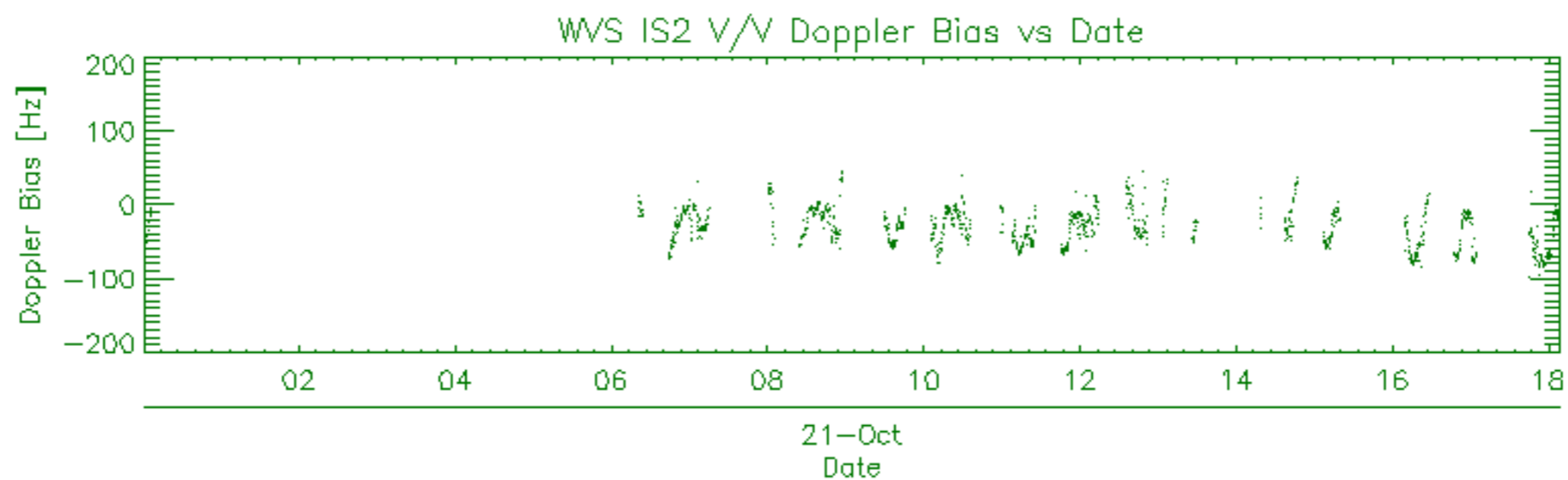
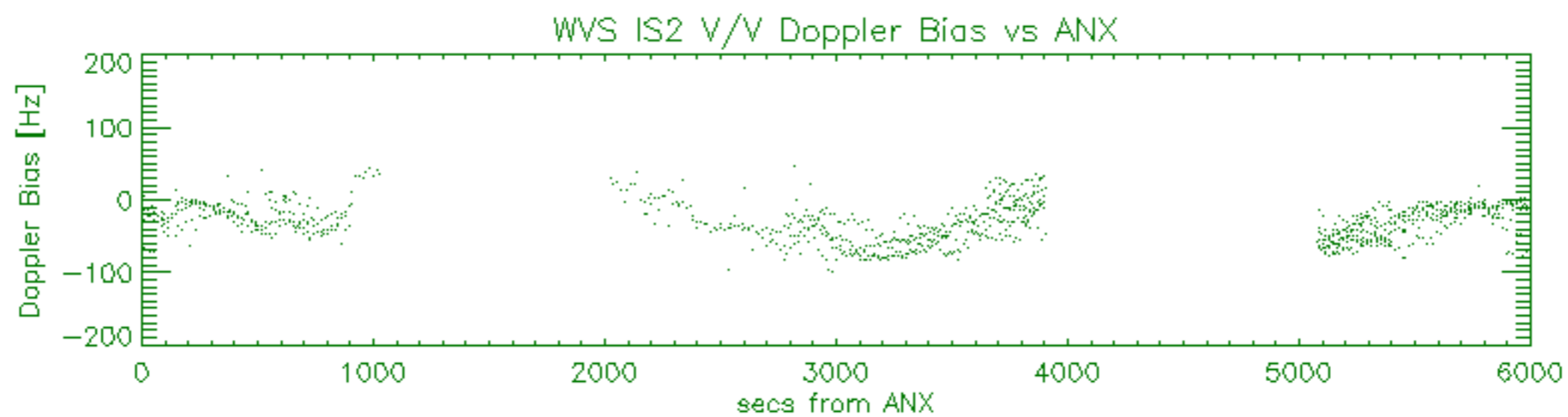
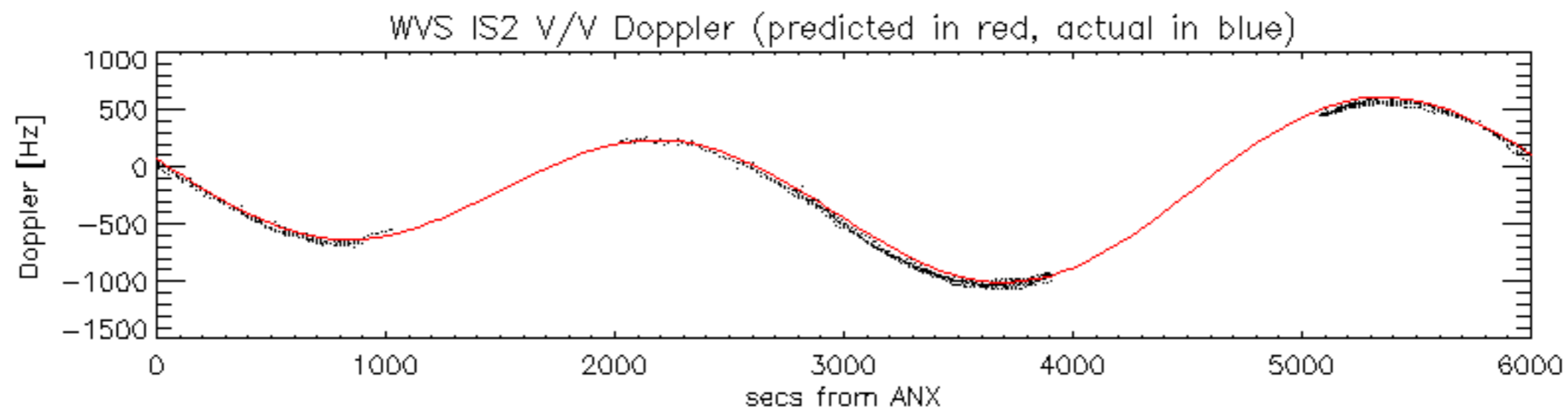


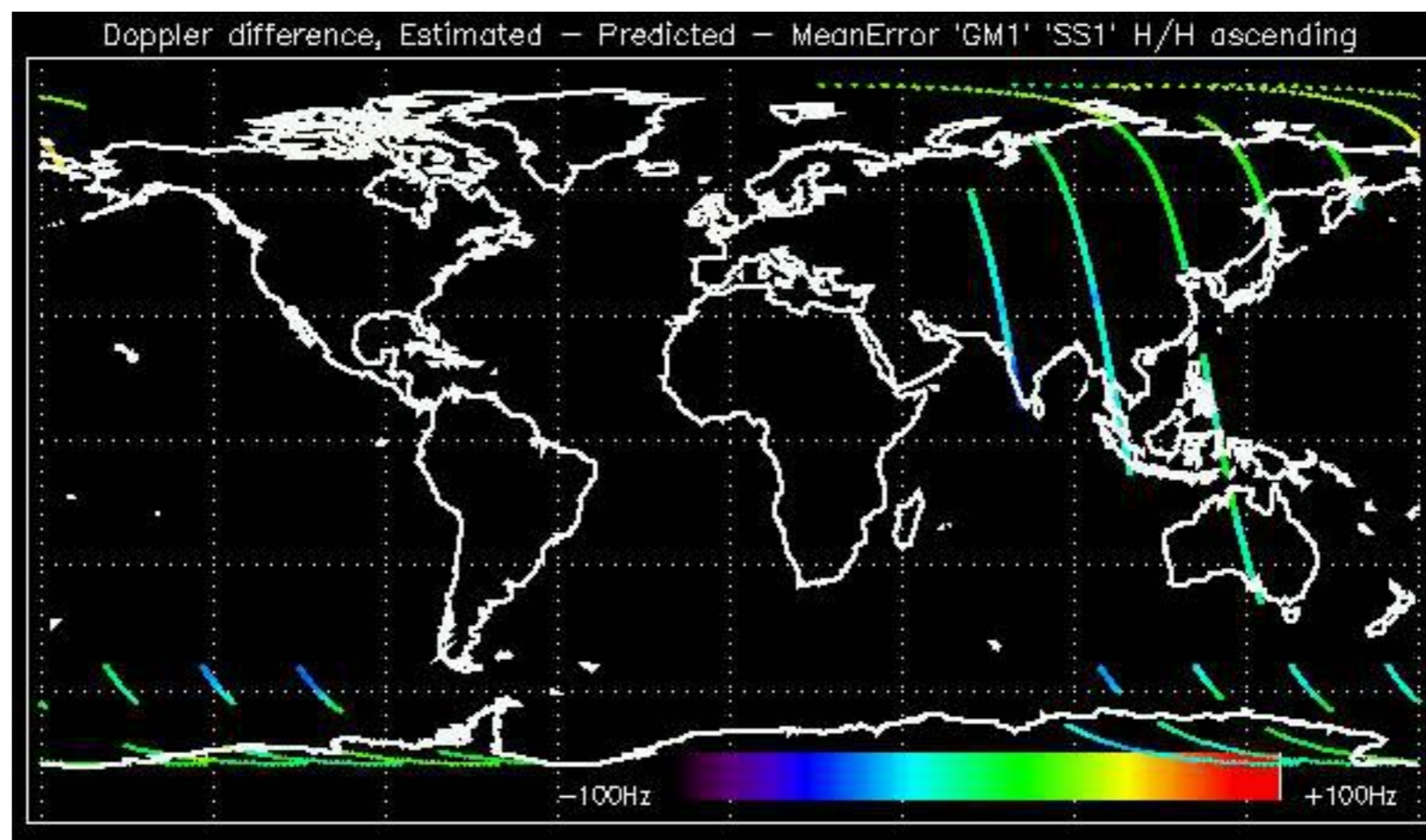


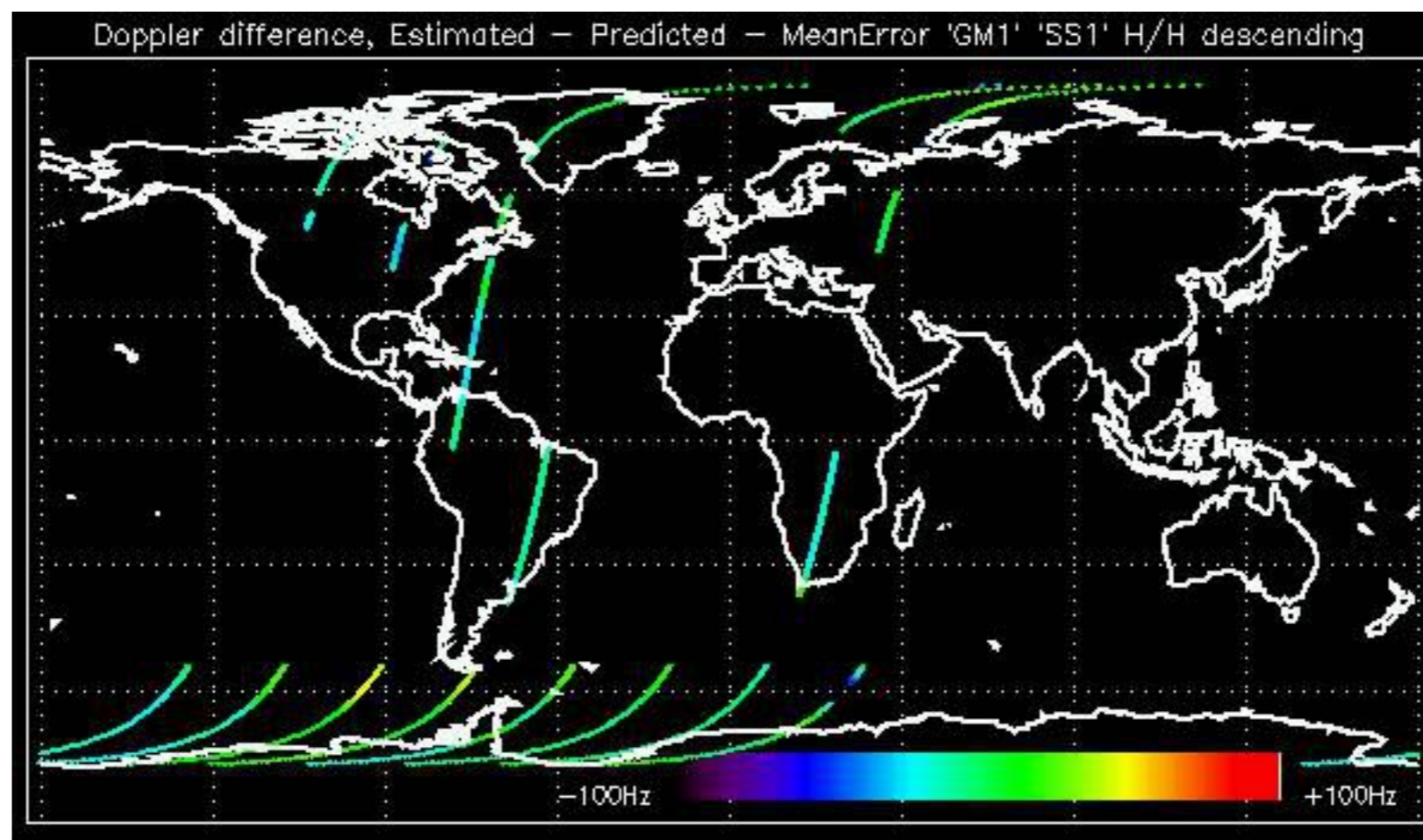


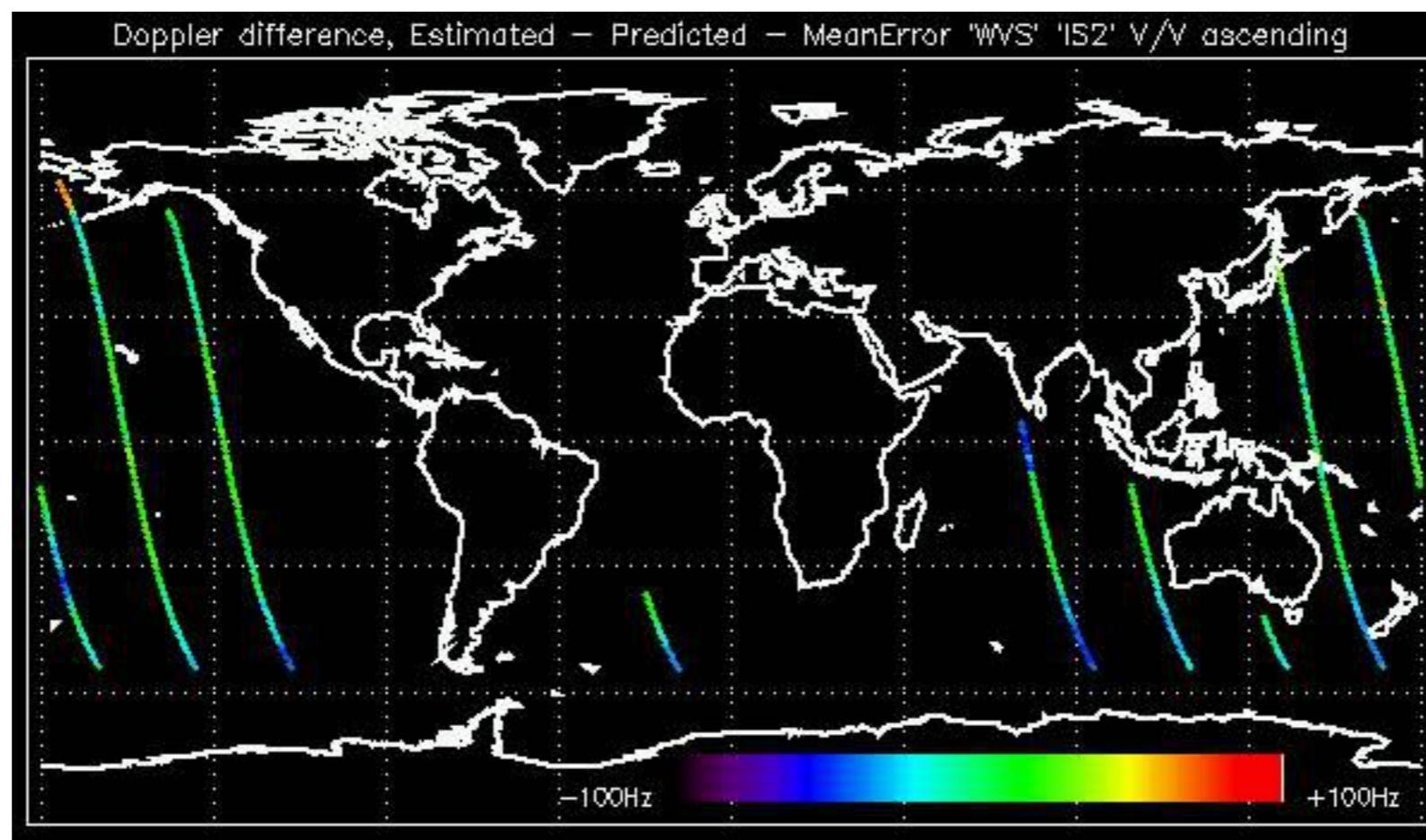


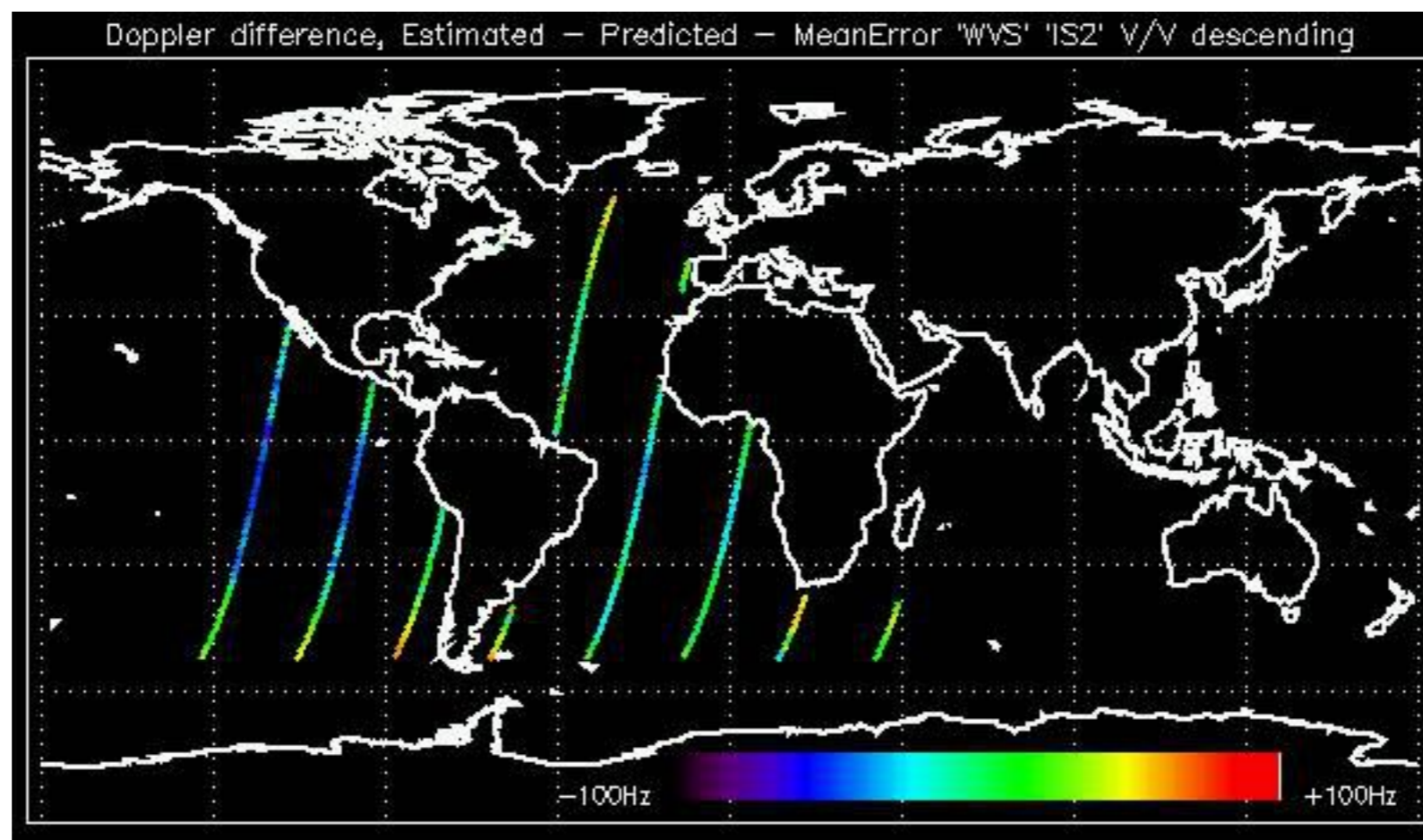


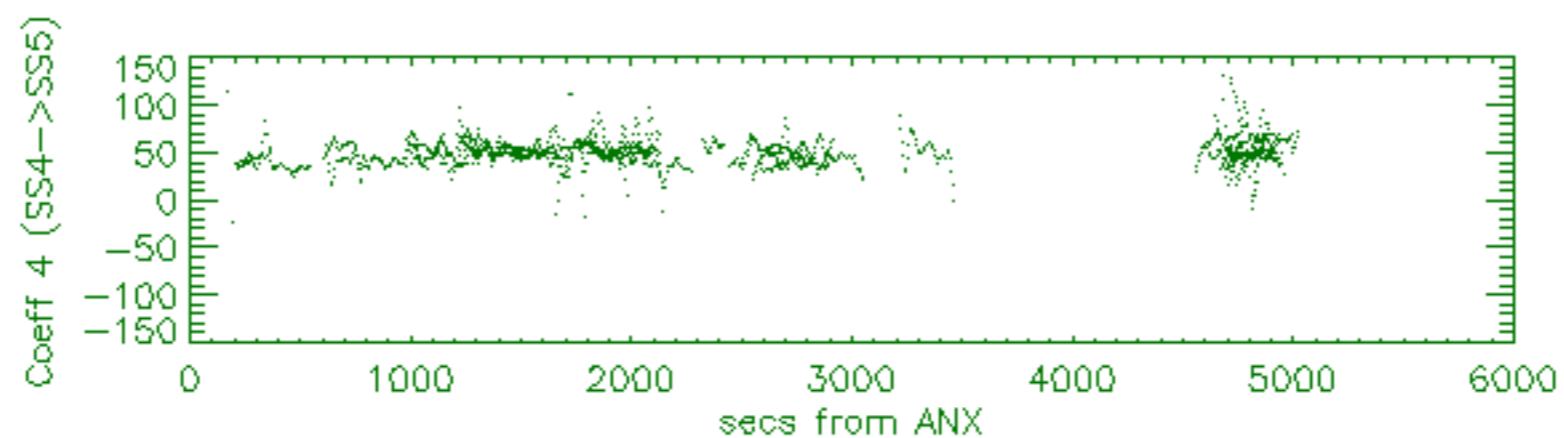
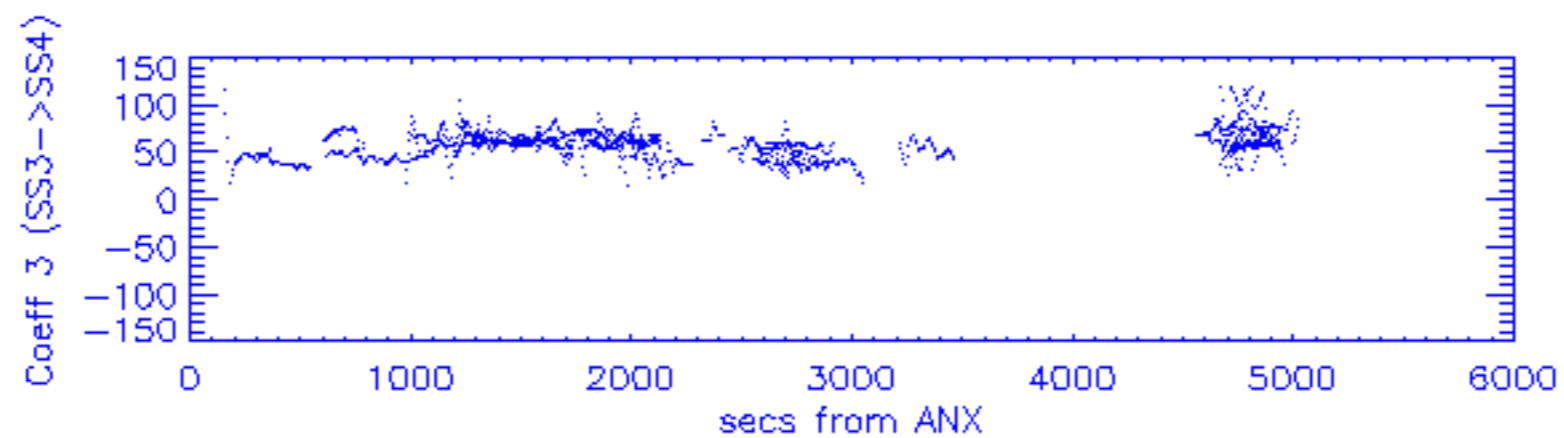
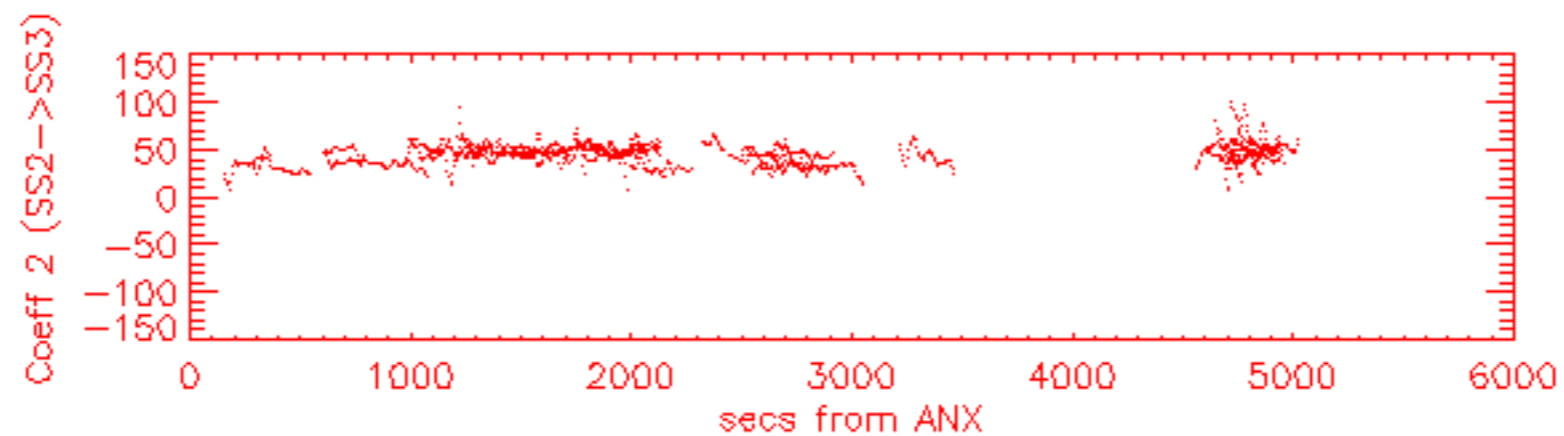
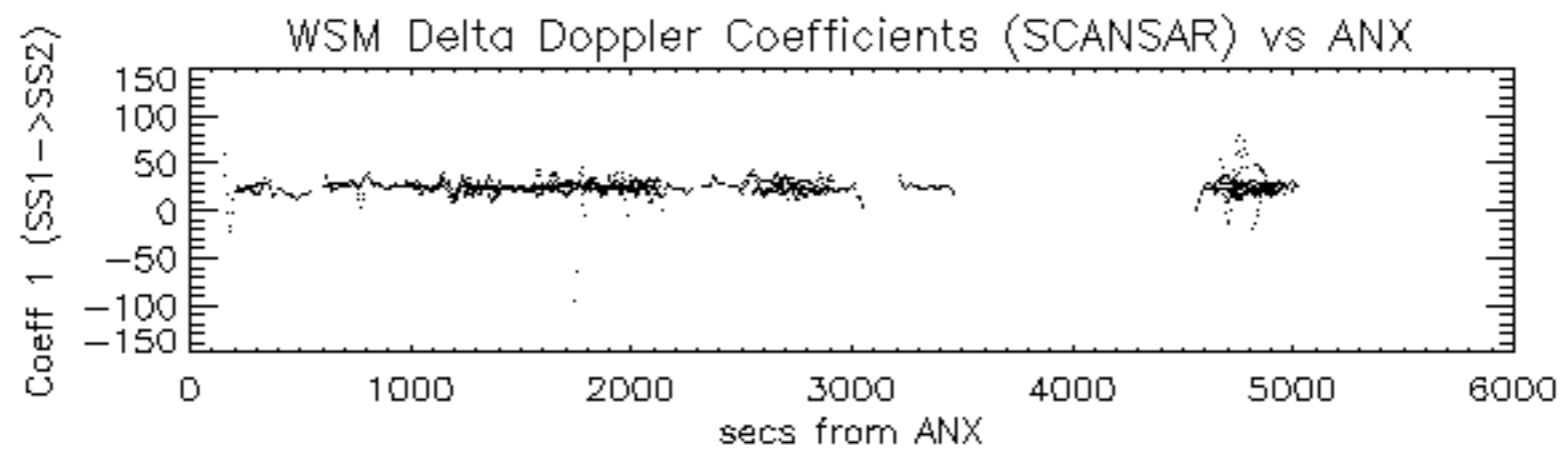


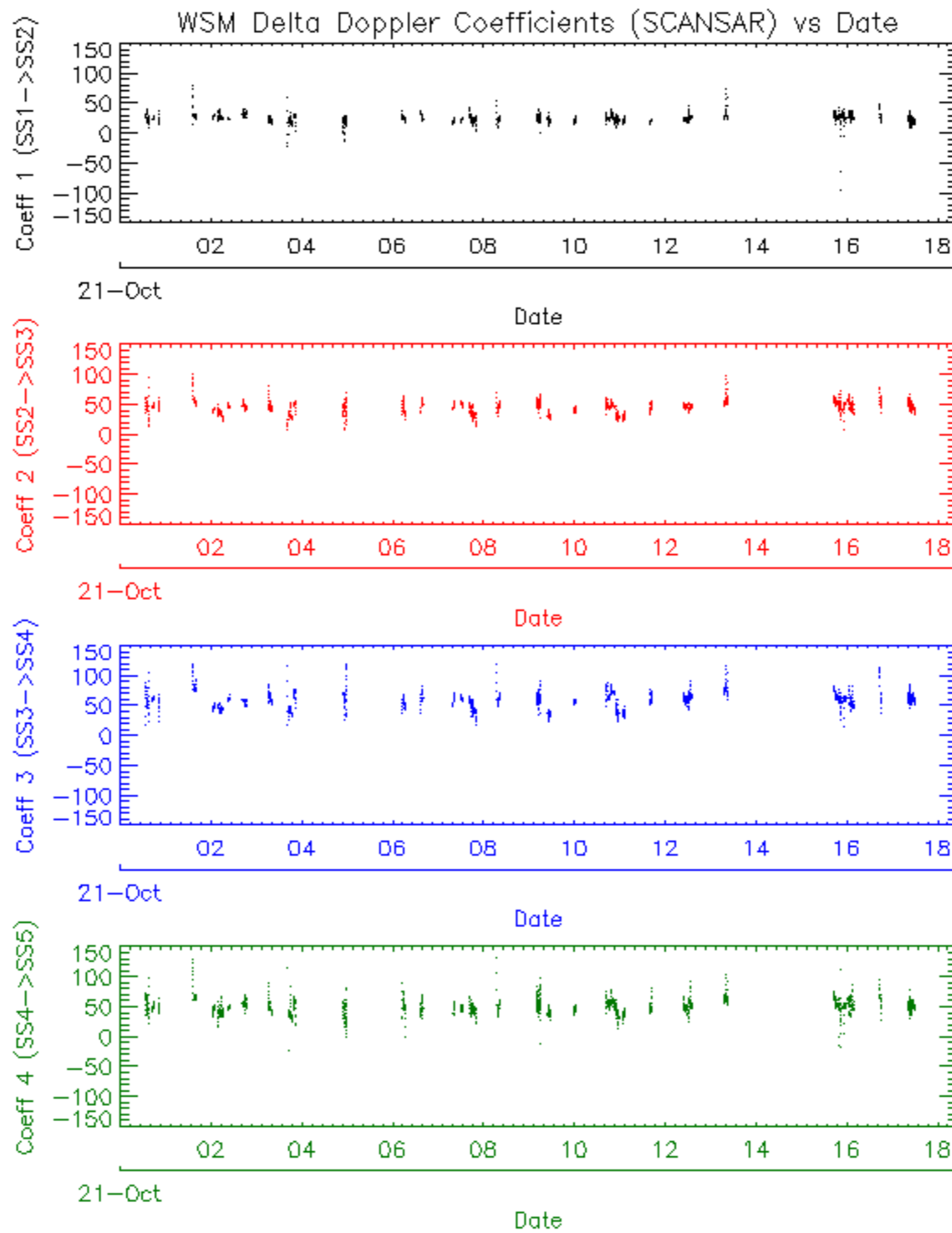


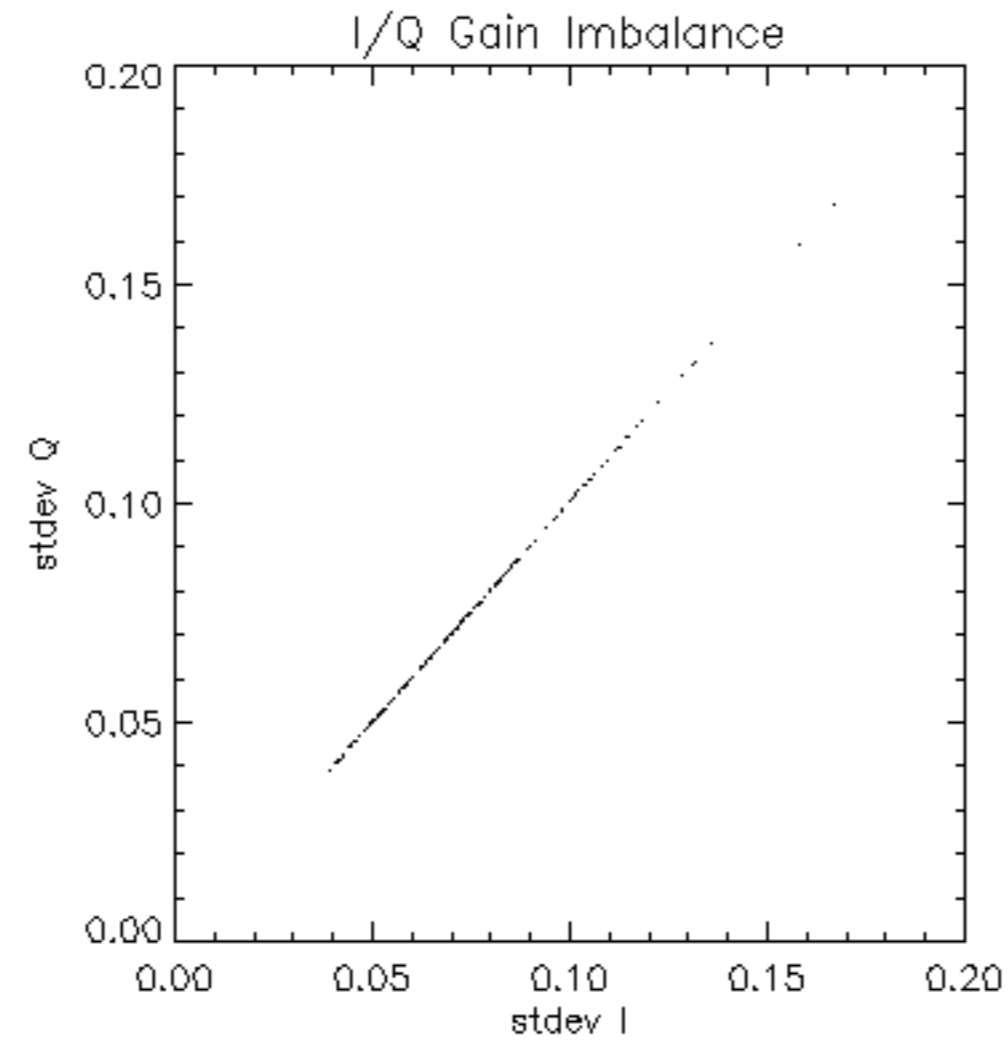


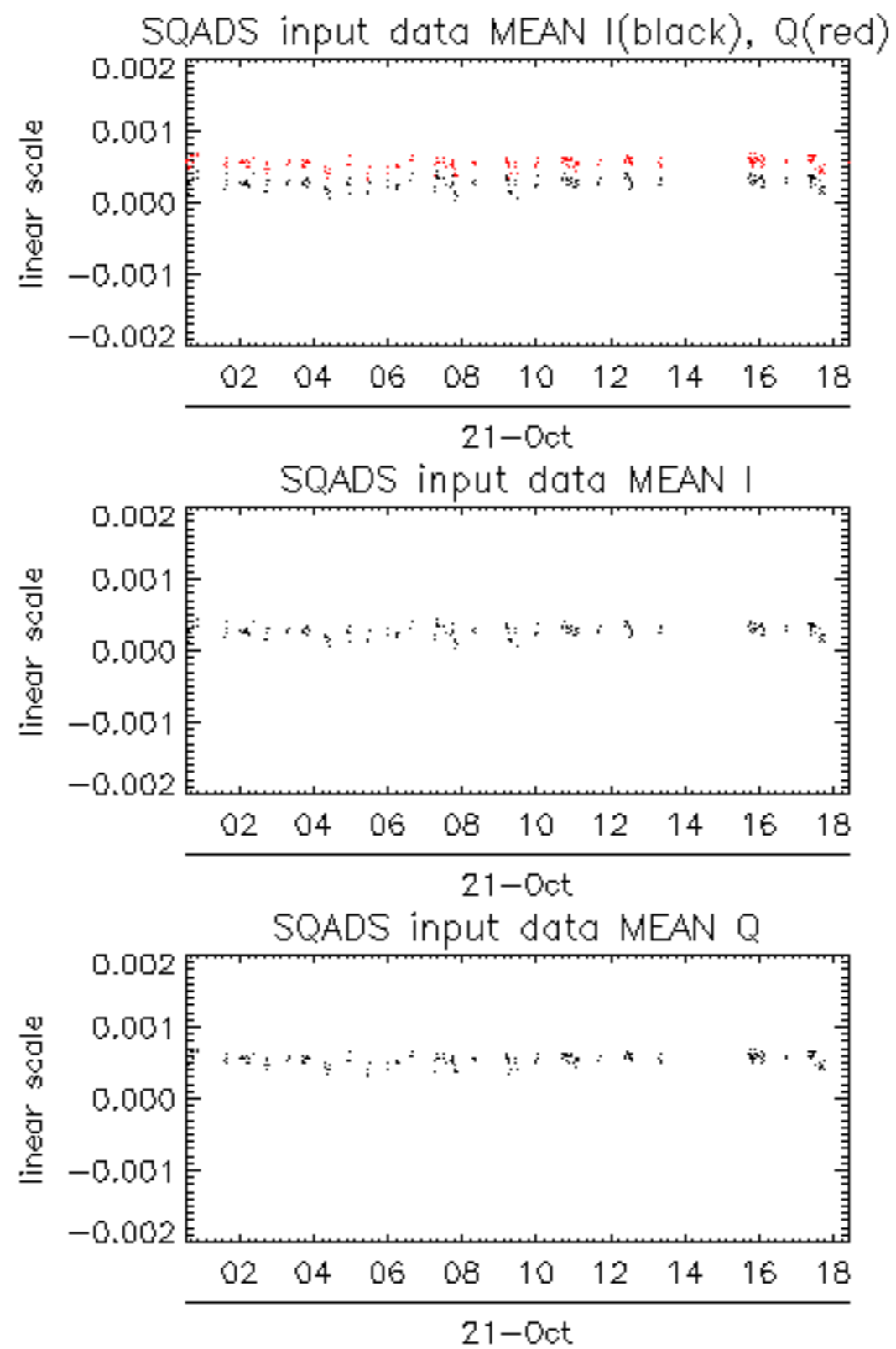


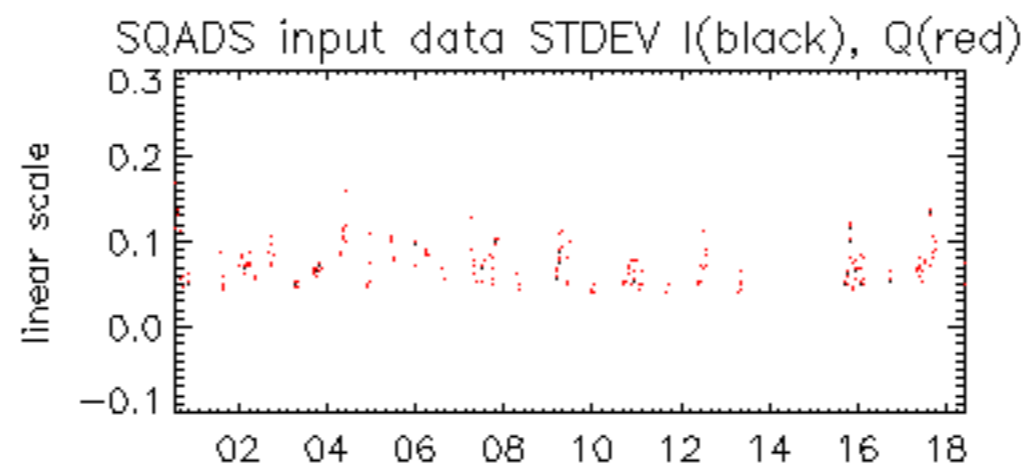




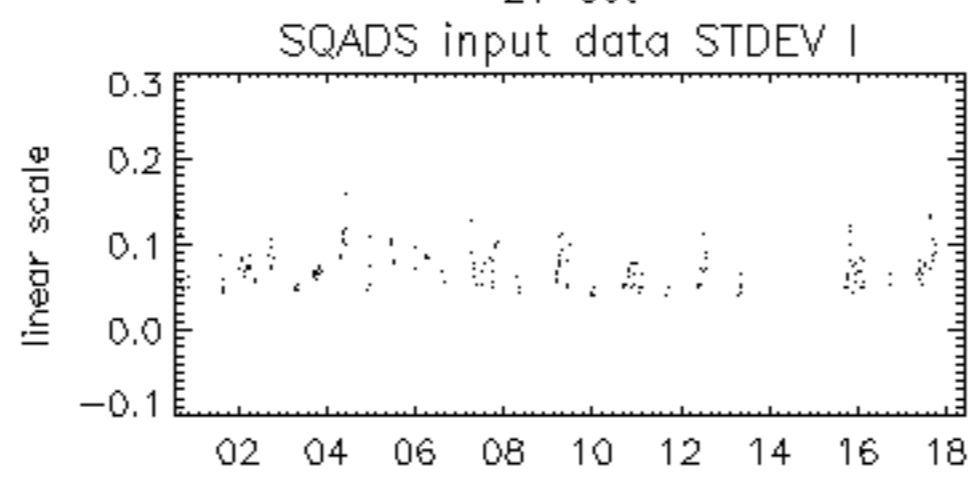




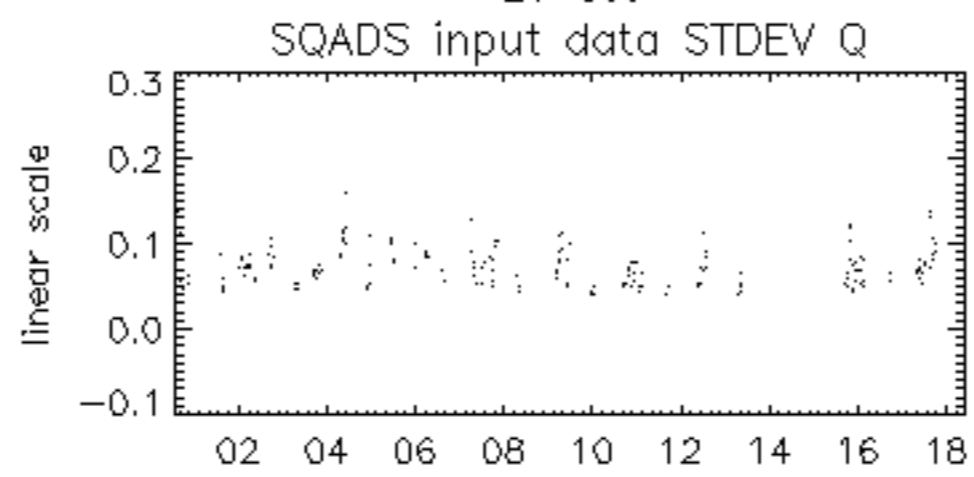




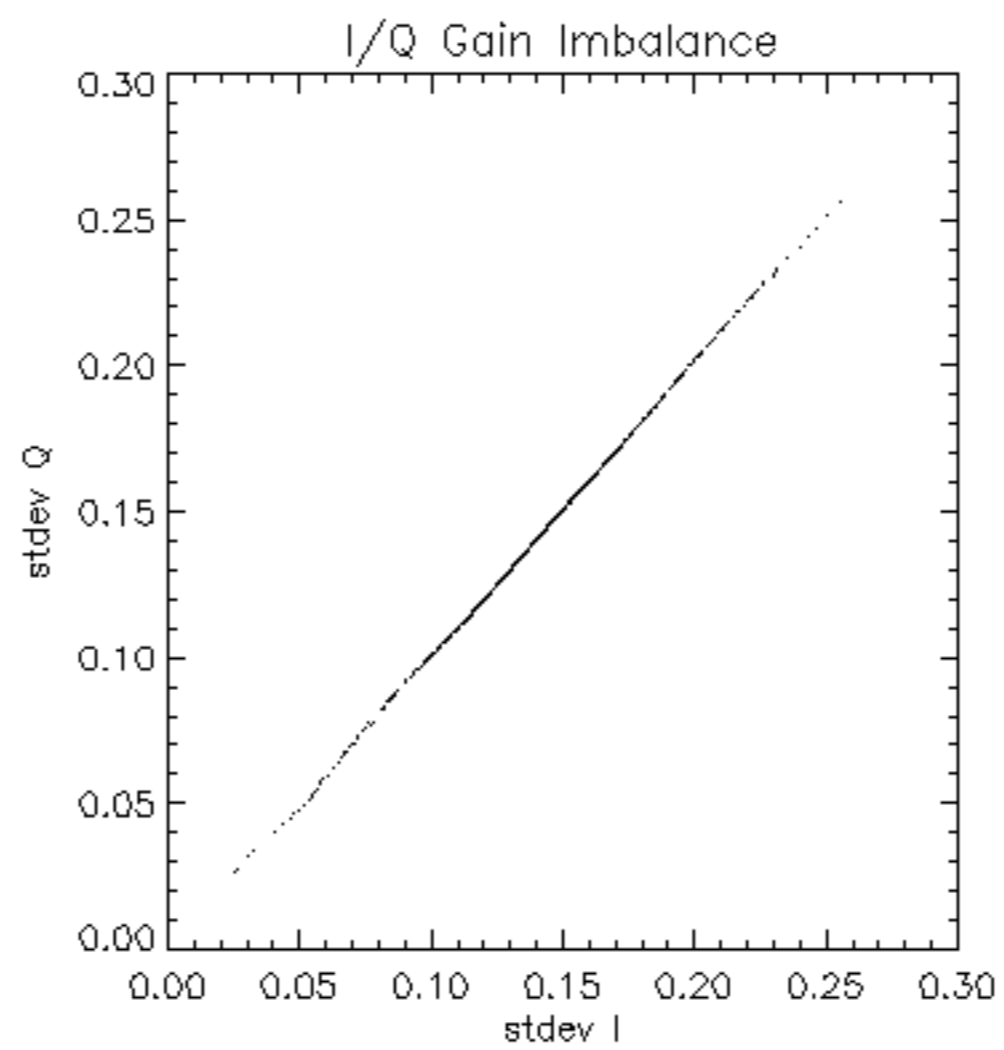
21-Oct

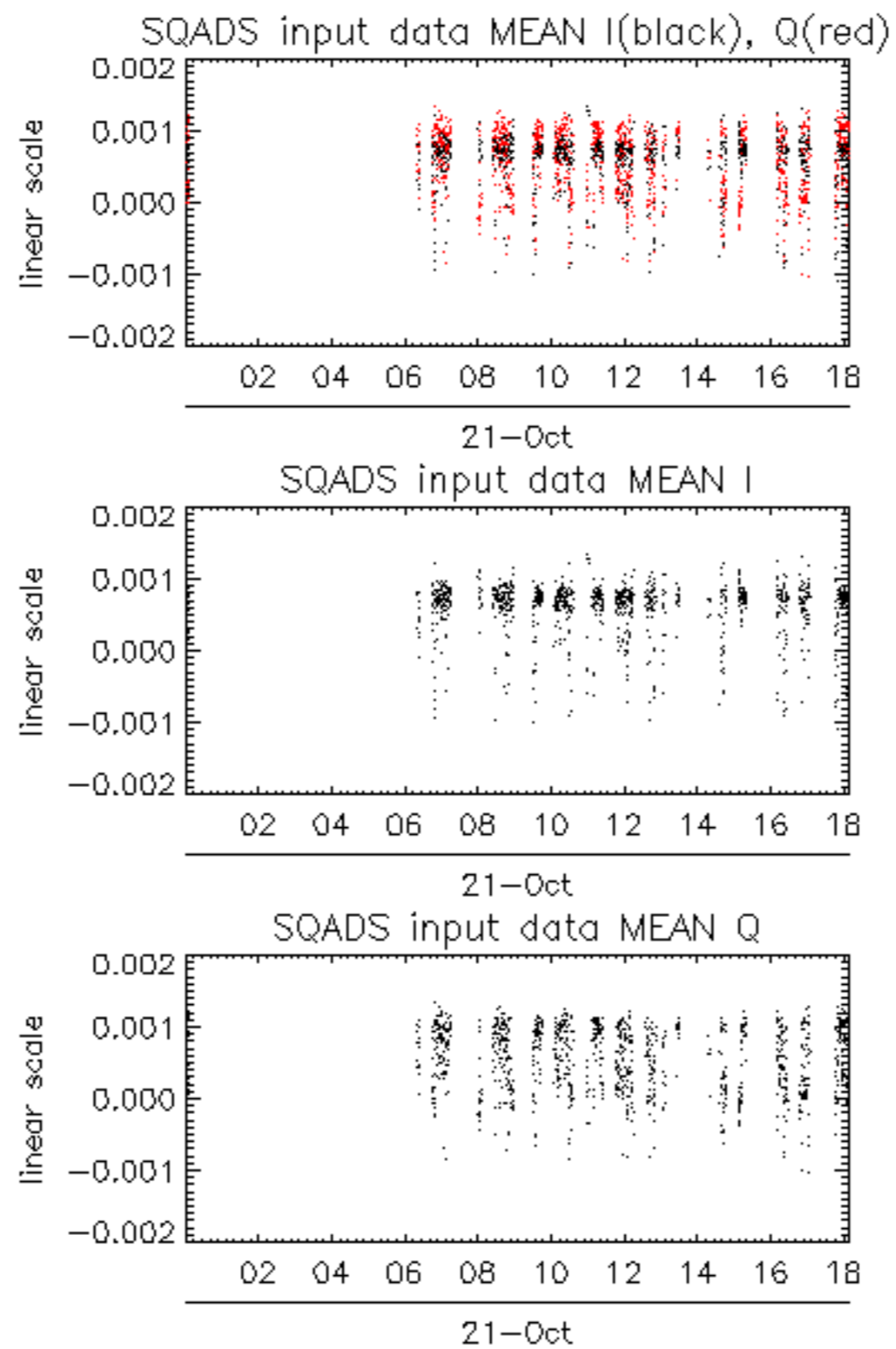


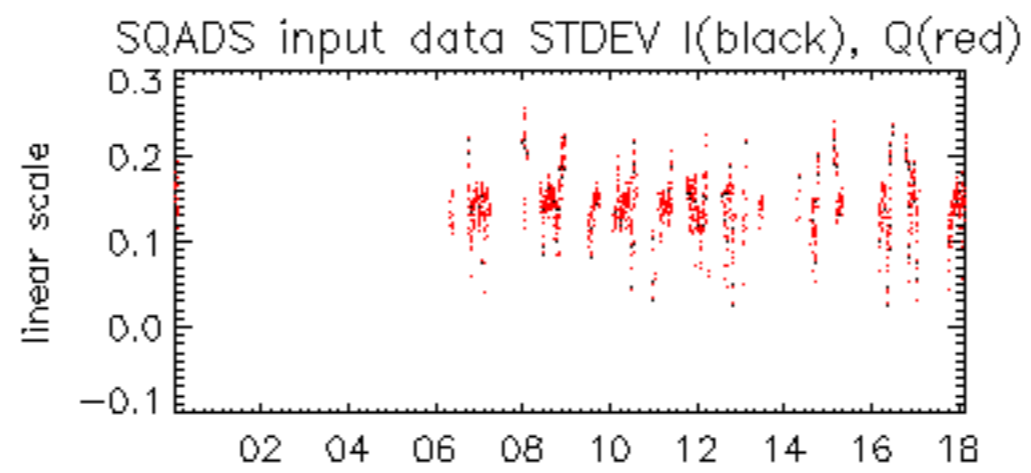
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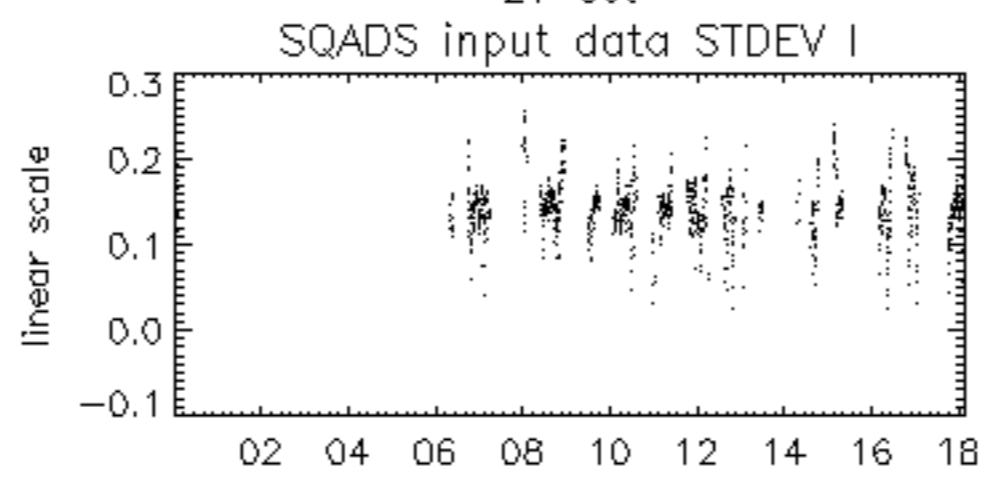
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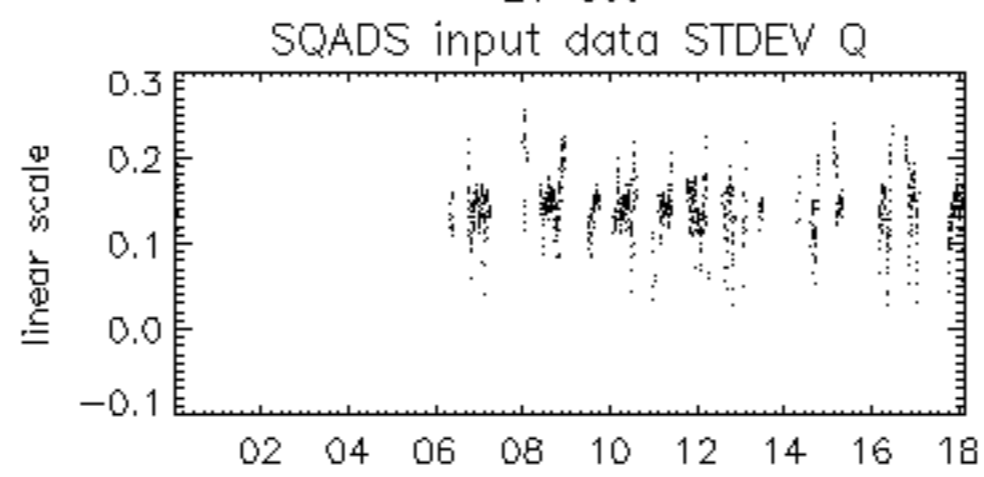




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