



ASAR Daily Report



Analysis from 29-JUL-2009 00:00:00 to 29-JUL-2009 23:59:59. Page generated on 30-JUL-2009 07:36:01.

View log file: ASAR_Daily_Report_20090730_0730.log. For any anomalies please contact mtranfaglia@serco.it, Emma.Griffiths@vega.co.uk.

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

SUMMARY

1. DATA SUMMARY

- 1.1 Summary tables
- 1.2 Lists of products used

2. AUXILIARY FILES ANALYSIS

- 2.1 IECF operational ADFs list
- 2.2 Products with wrong ADFs

3. MODULE STEPPING PRODUCTS ANALYSIS

- 3.1 V/V polarisation
- 3.2 H/H polarisation

4. CALIBRATION PULSES ANALYSIS

- 4.1 Analysis for WVS IS2 V/V
 - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
 - 4.1.2 All Rows Analysis for WVS IS2 V/V
- 4.2 Analysis for GM1 SS3 H/H
 - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
 - 4.2.2 All Rows Analysis for GM1 SS3 H/H

5. DOPPLER ANALYSIS

- 5.1 Analysis for WVS IS2 V/V
 - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
 - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
- 5.2 Analysis for GM1 SS1 H/H
 - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
 - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
- 5.3 Doppler JUMPS Analysis for WSM

6. CHIRP ANALYSIS

- 6.1 Analysis for WSM SS1 H/H
 - 6.1.1 ScaleFactor
- 6.2 Analysis for WSM SS1 V/V
 - 6.2.1 ScaleFactor

7. RAW DATA ANALYSIS

- 7.1 Analysis for WVS
- 7.2 Analysis for IMM

8. TELEMETRY ANALYSIS

- 8.1 Number of Missing Lines
- 8.2 Number of Gaps

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	3	PDE	WS	H/H	29	PDE	IS2	H/H	1	PDE	IS2	H/H	3	PDE	WS	H/H	36	PDK	2009-07-29 08:18:46	H	320
PDE	IS2	V/V	22	PDK	WS	H/H	42	PDE	IS4	V/H	1	PDE	IS2	V/V	23	PDE	WS	V/V	8				
PDK	IS2	V/V	23					PDK	IS2	H/H	1	PDE	IS4	V/V	1	PDK	WS	H/H	28				
								PDK	IS4	V/H	1	PDE	IS5	H/H	1	PDK	WS	V/V	2				
												PDE	IS6	V/V	1								
												PDK	IS2	***	1								
												PDK	IS2	H/H	1								
												PDK	IS2	V/V	5								
												PDK	IS4	V/V	1								

1.2 - Lists of products used

[[BACK TO MENU](#)]

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[[BACK TO MENU](#)]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

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

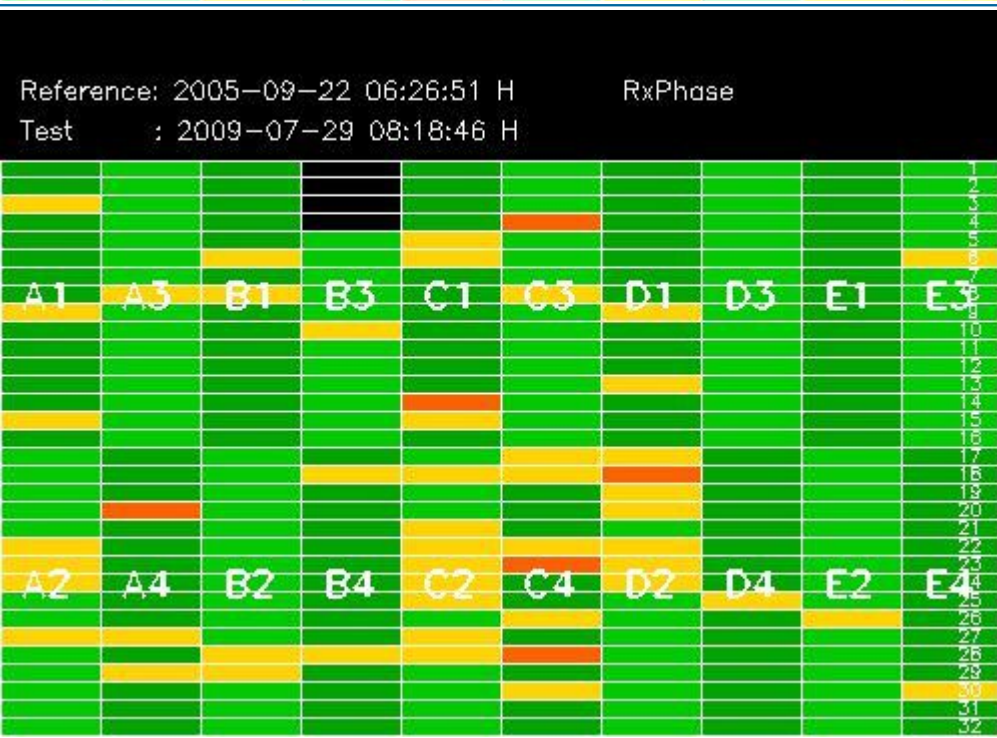
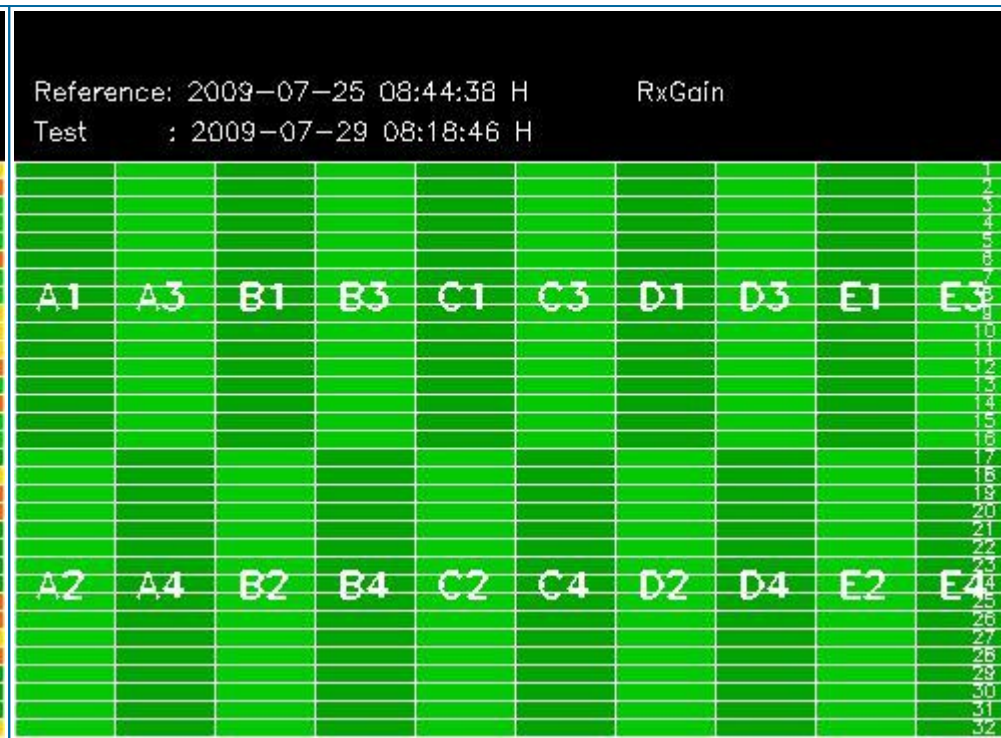


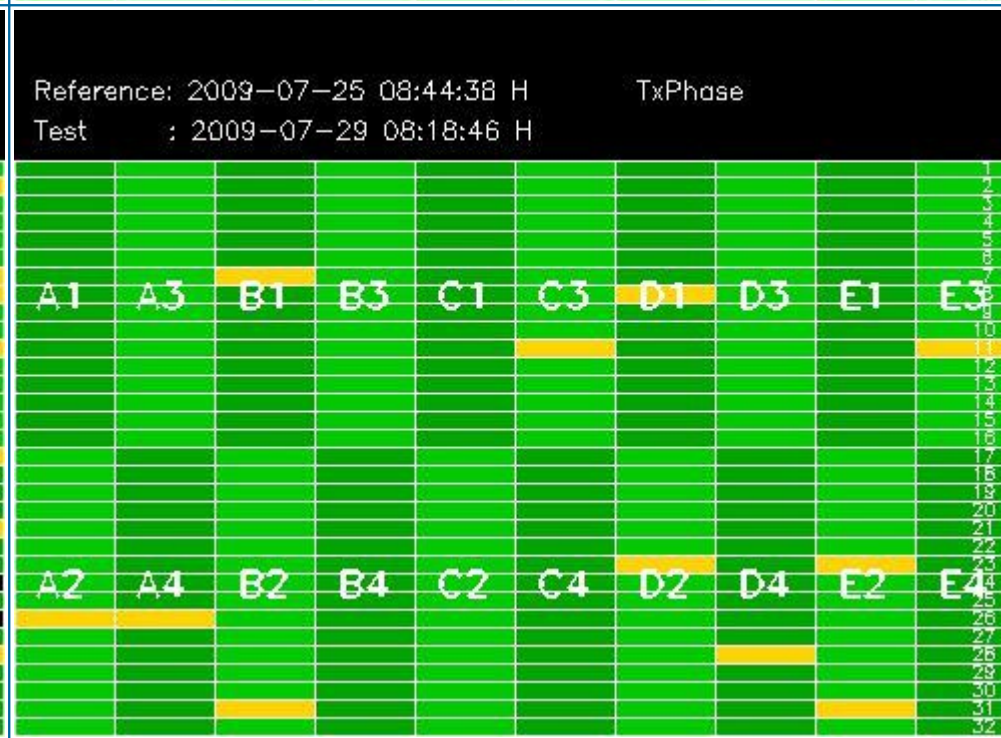
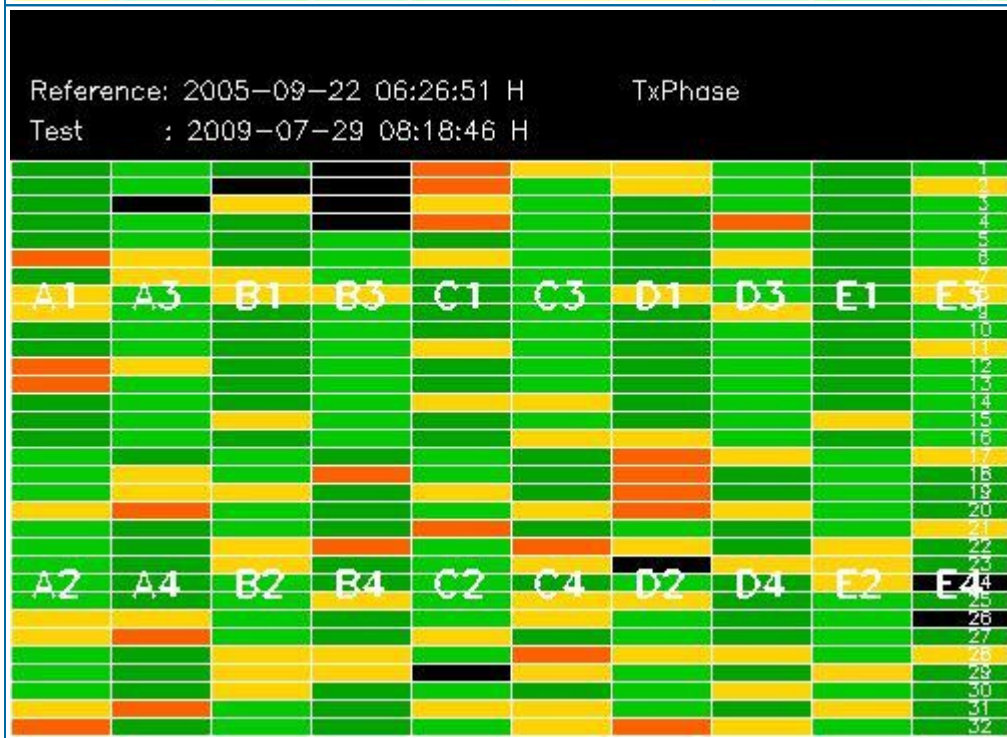
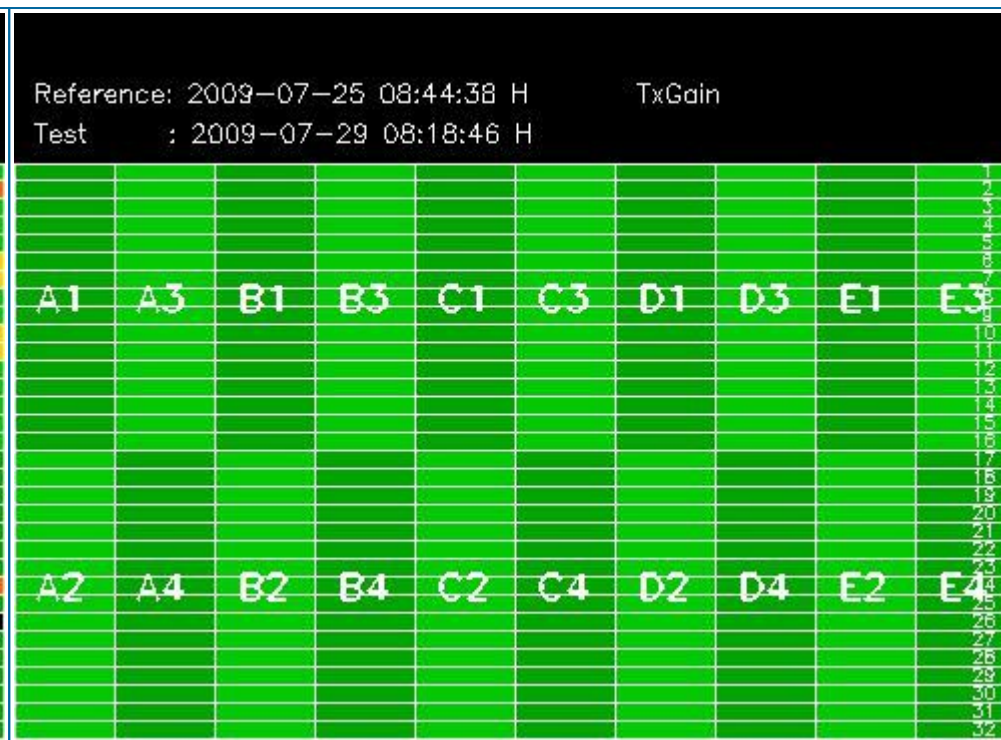
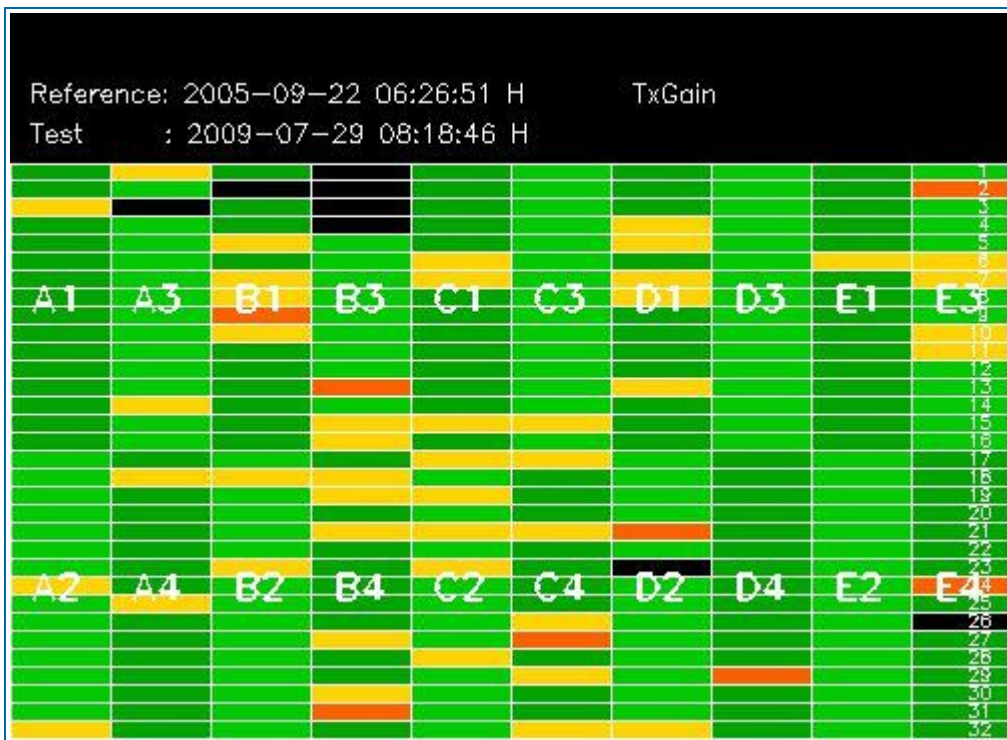


3.2 - H/H polarisation

[[BACK TO MENU](#)]

SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

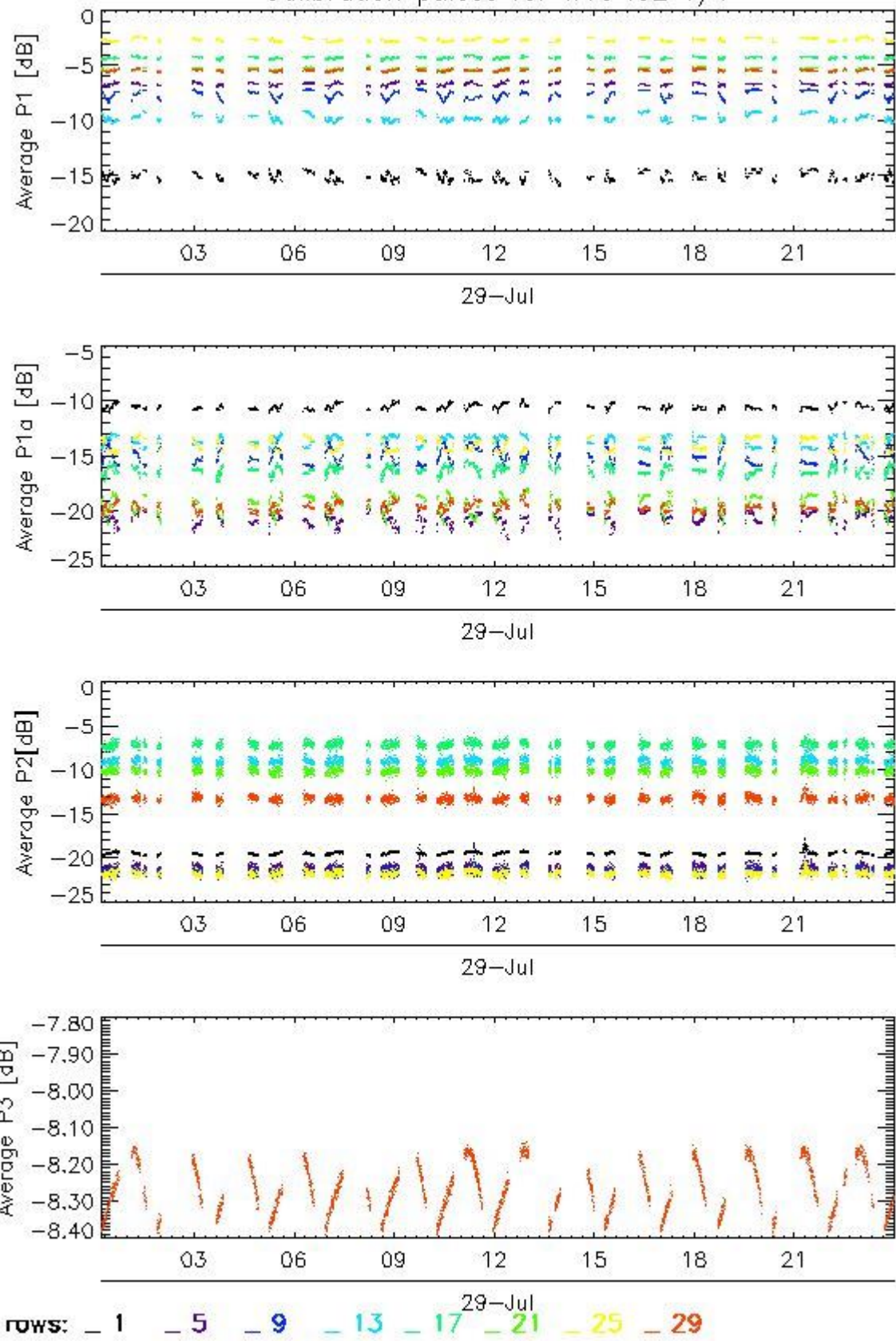
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

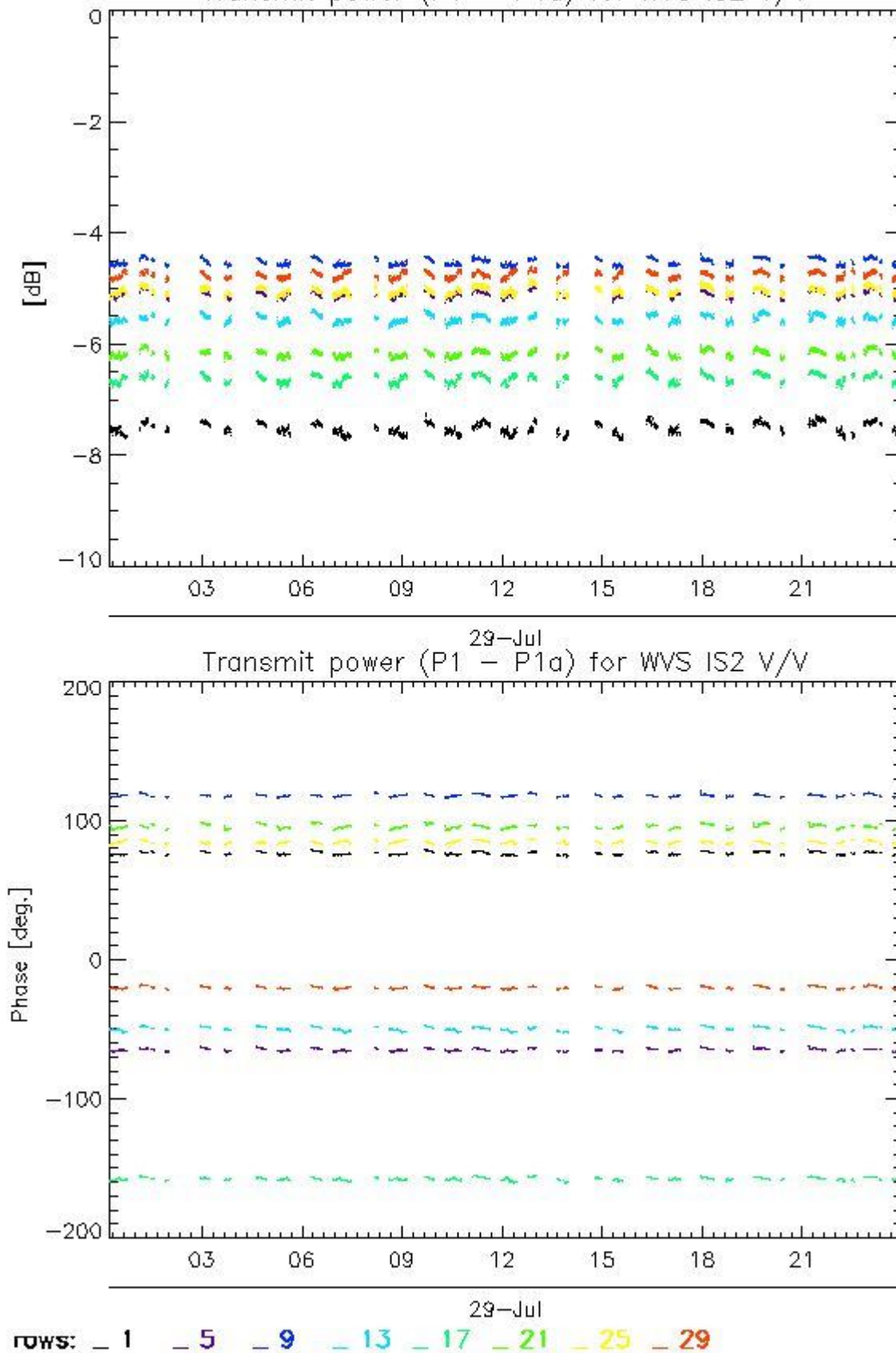
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



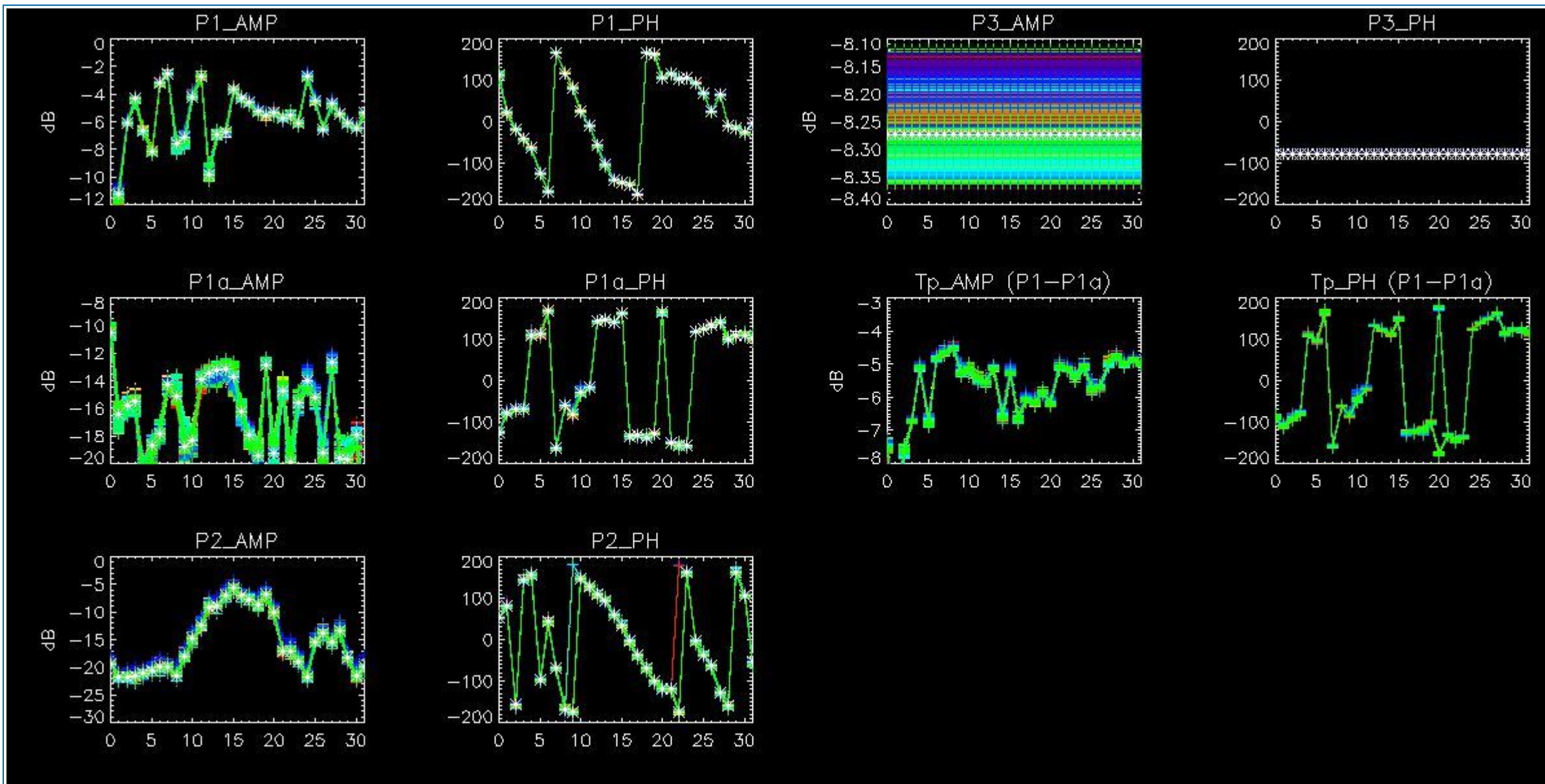
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]





4.2 - Analysis for GM1 SS3 H/H

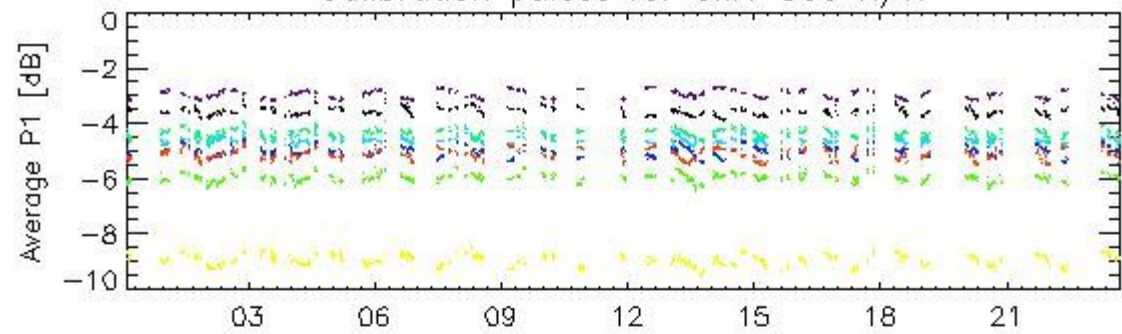
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

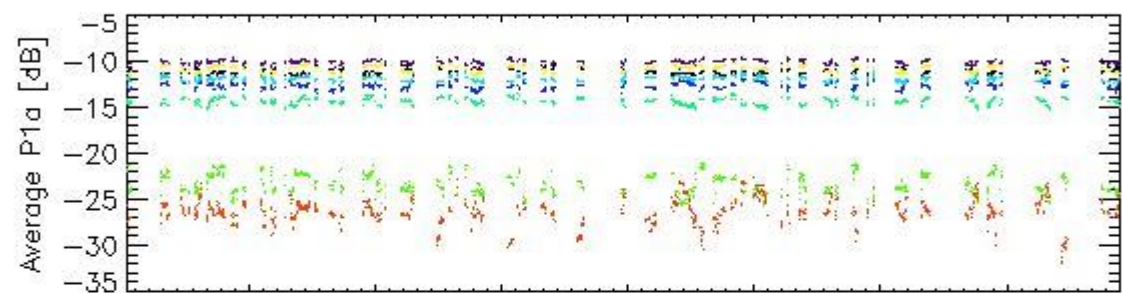
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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]

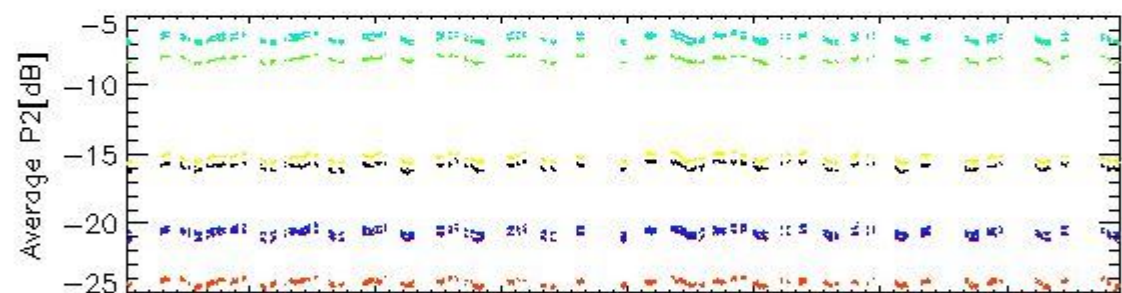
Calibration pulses for GM1 SS3 H/H



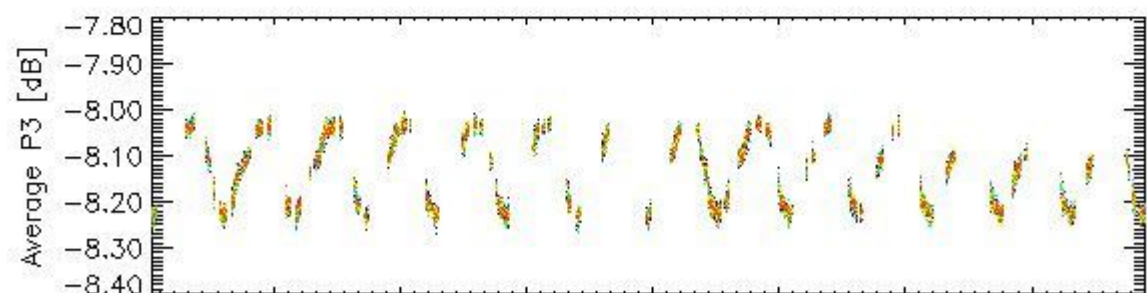
29-Jul



29-Jul



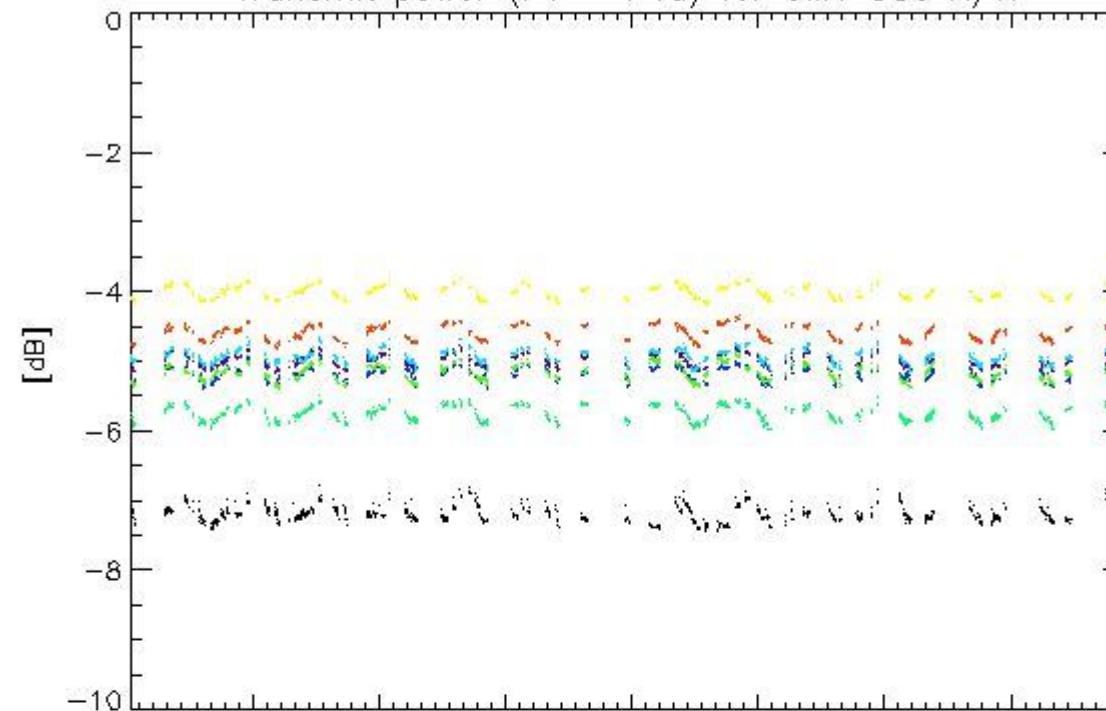
29-Jul



29-Jul

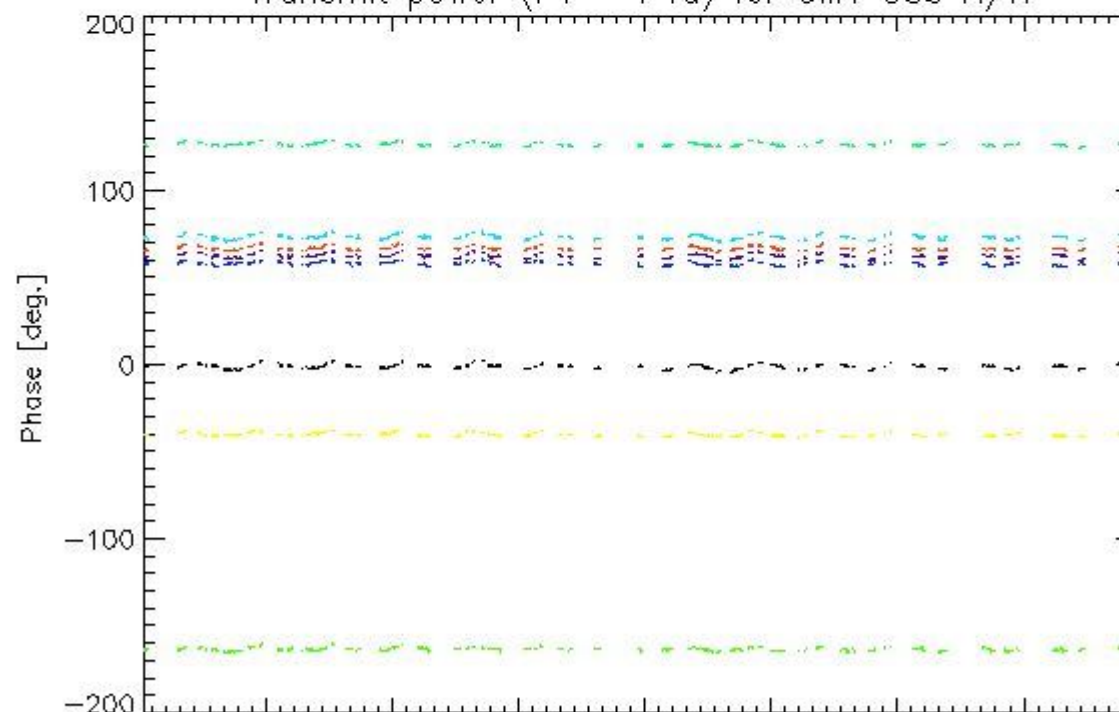
rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

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



29-Jul

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

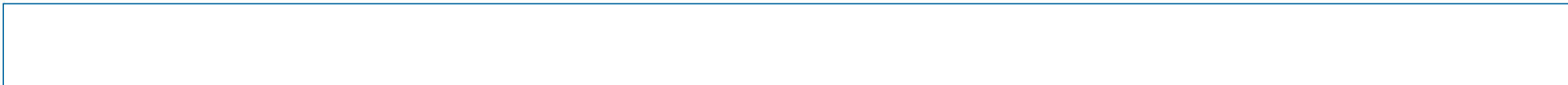


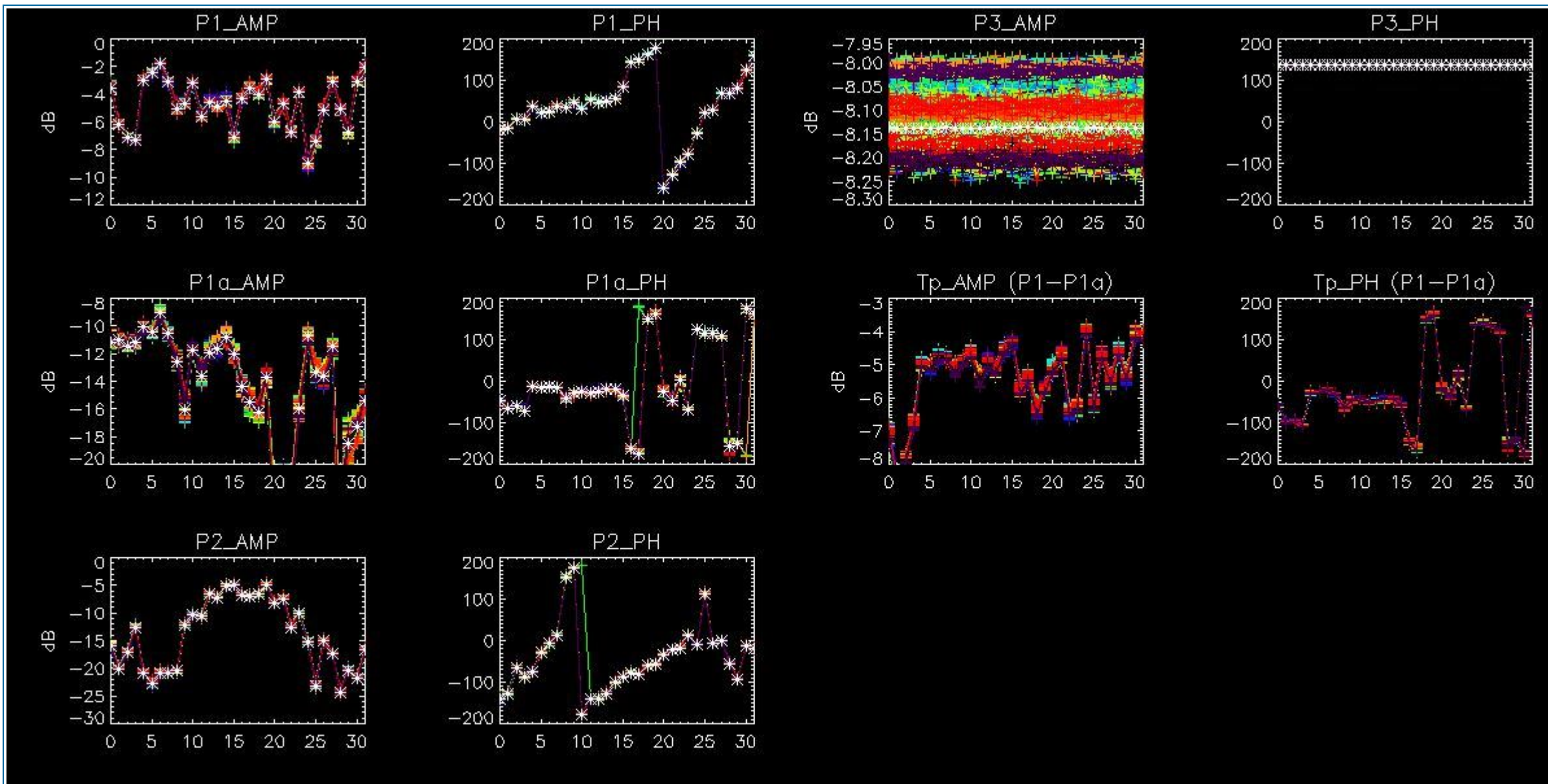
29-Jul

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

4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]



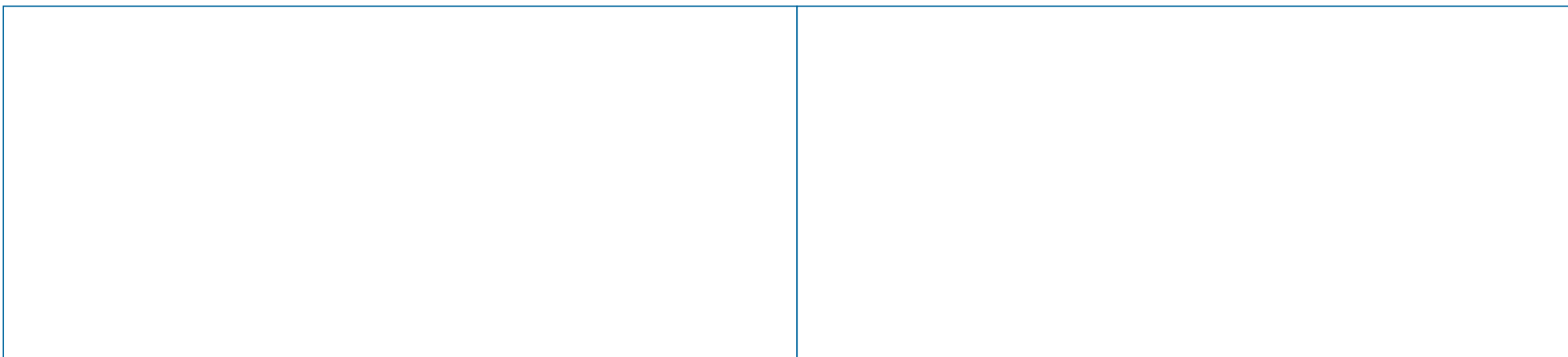


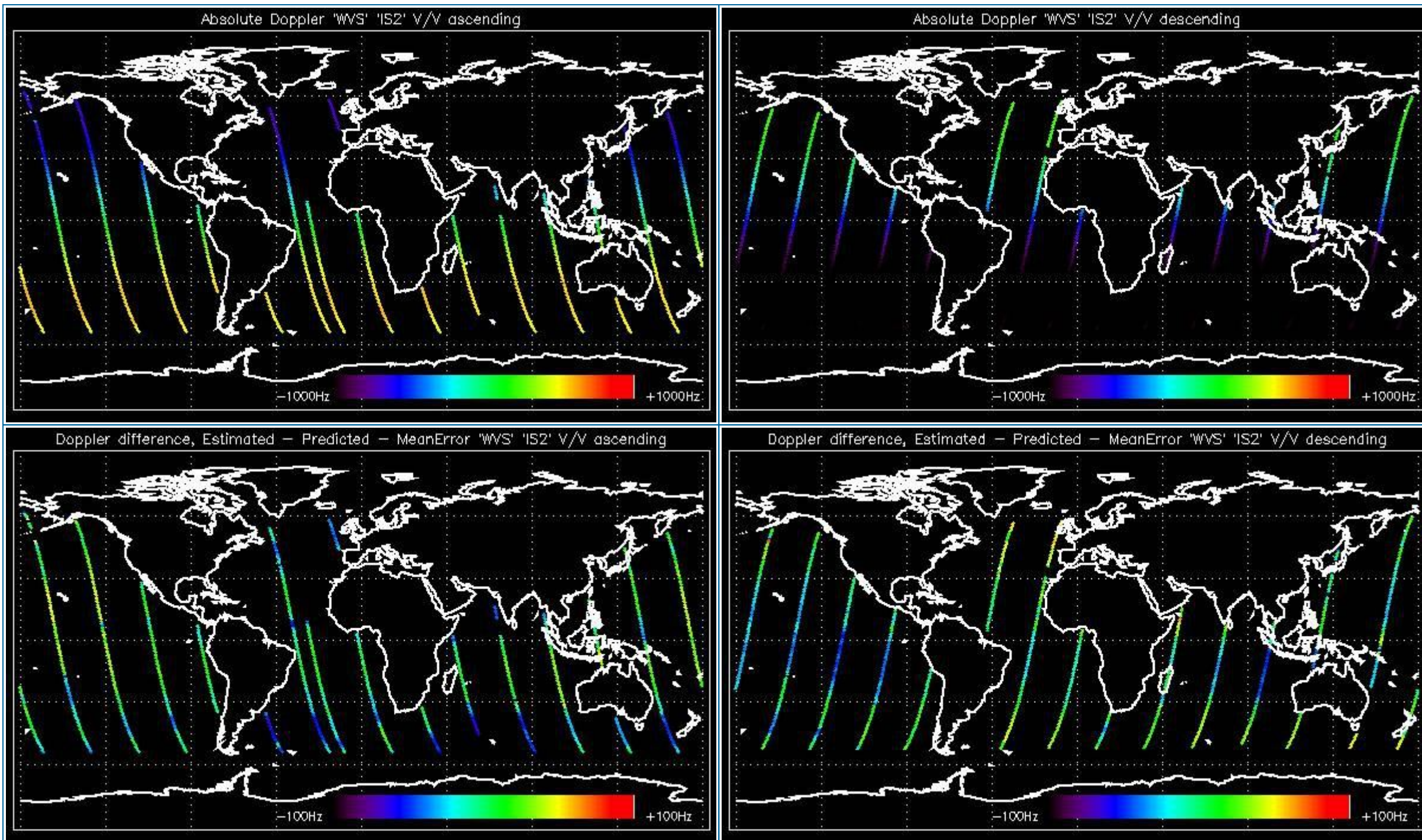
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

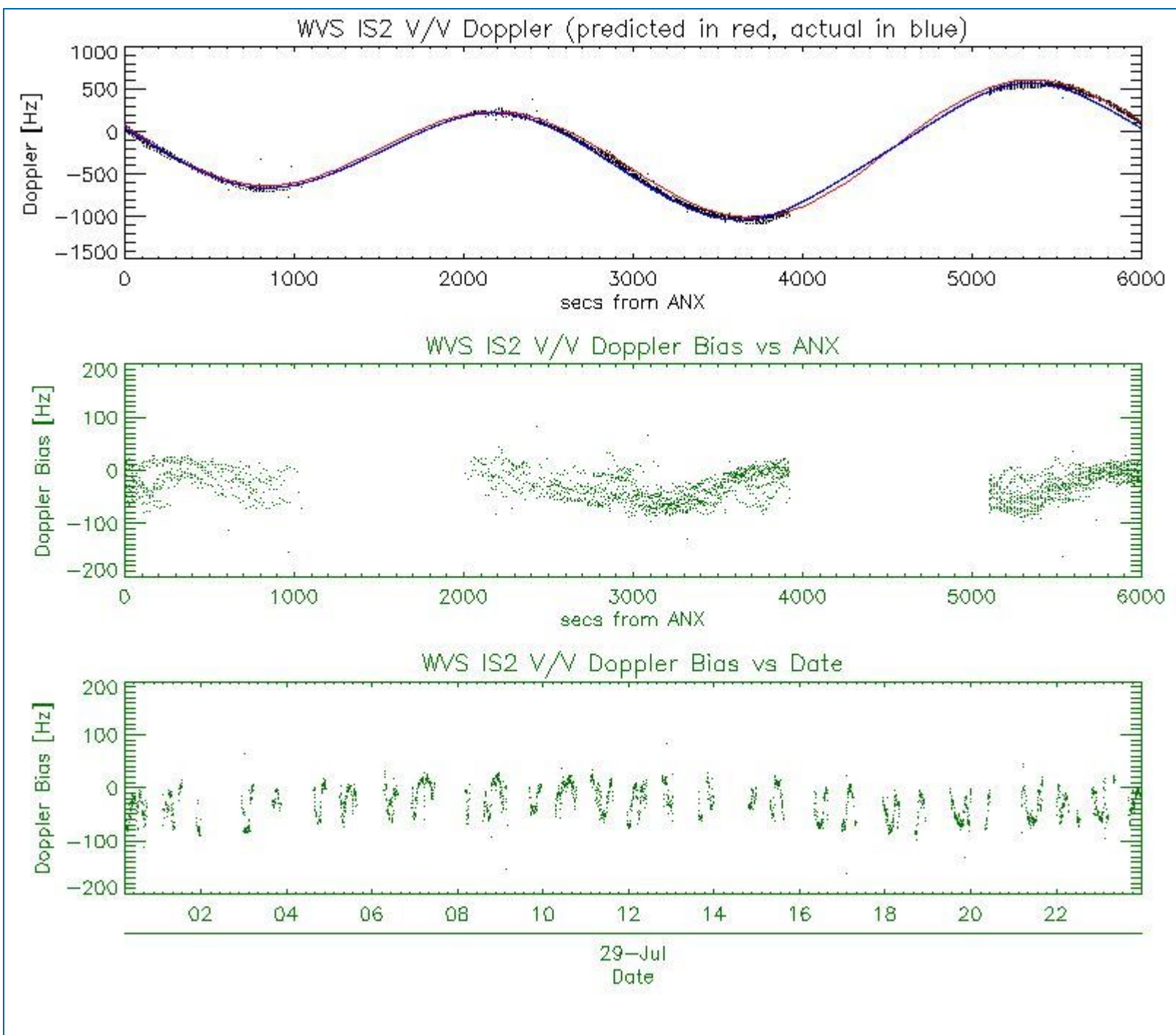




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



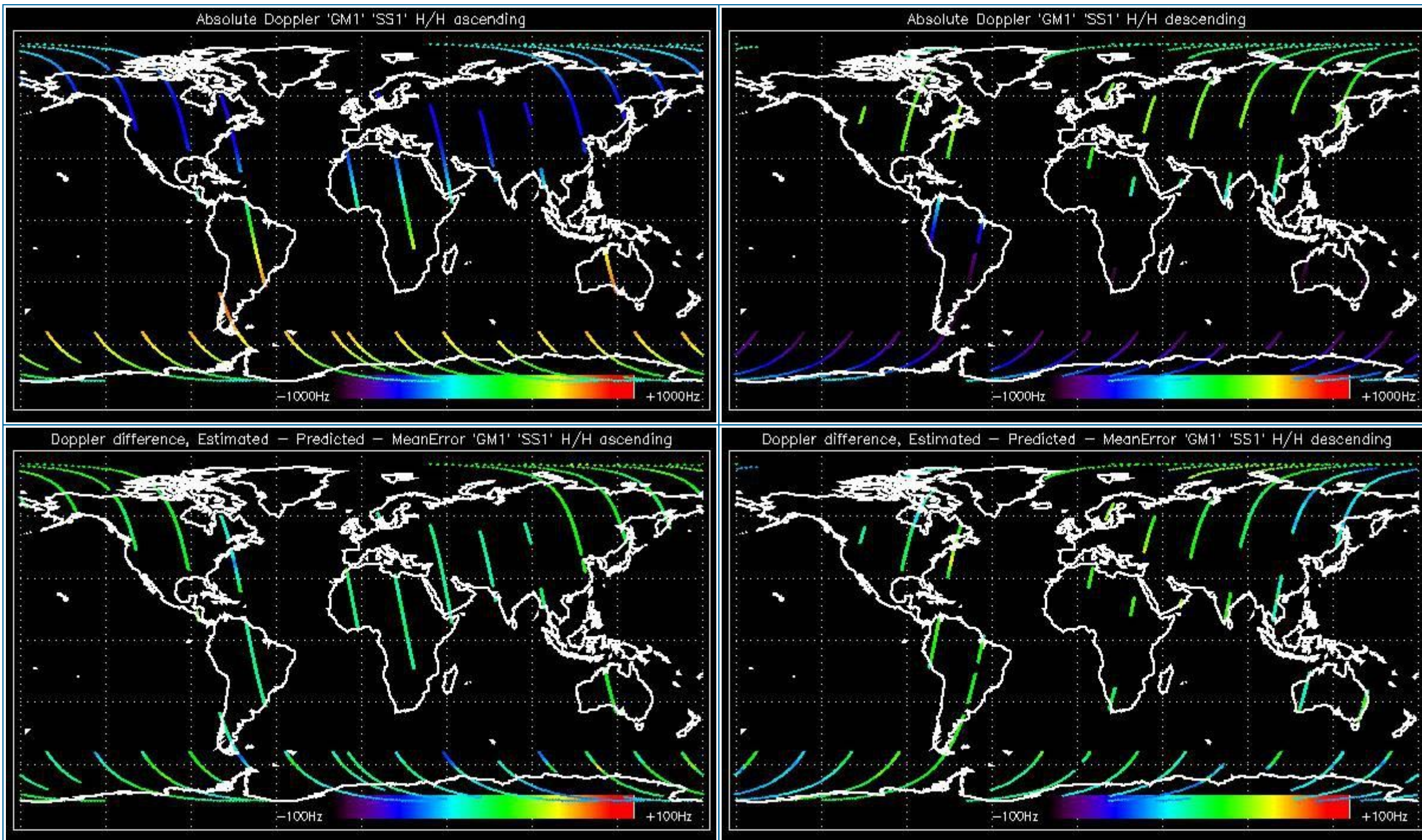


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

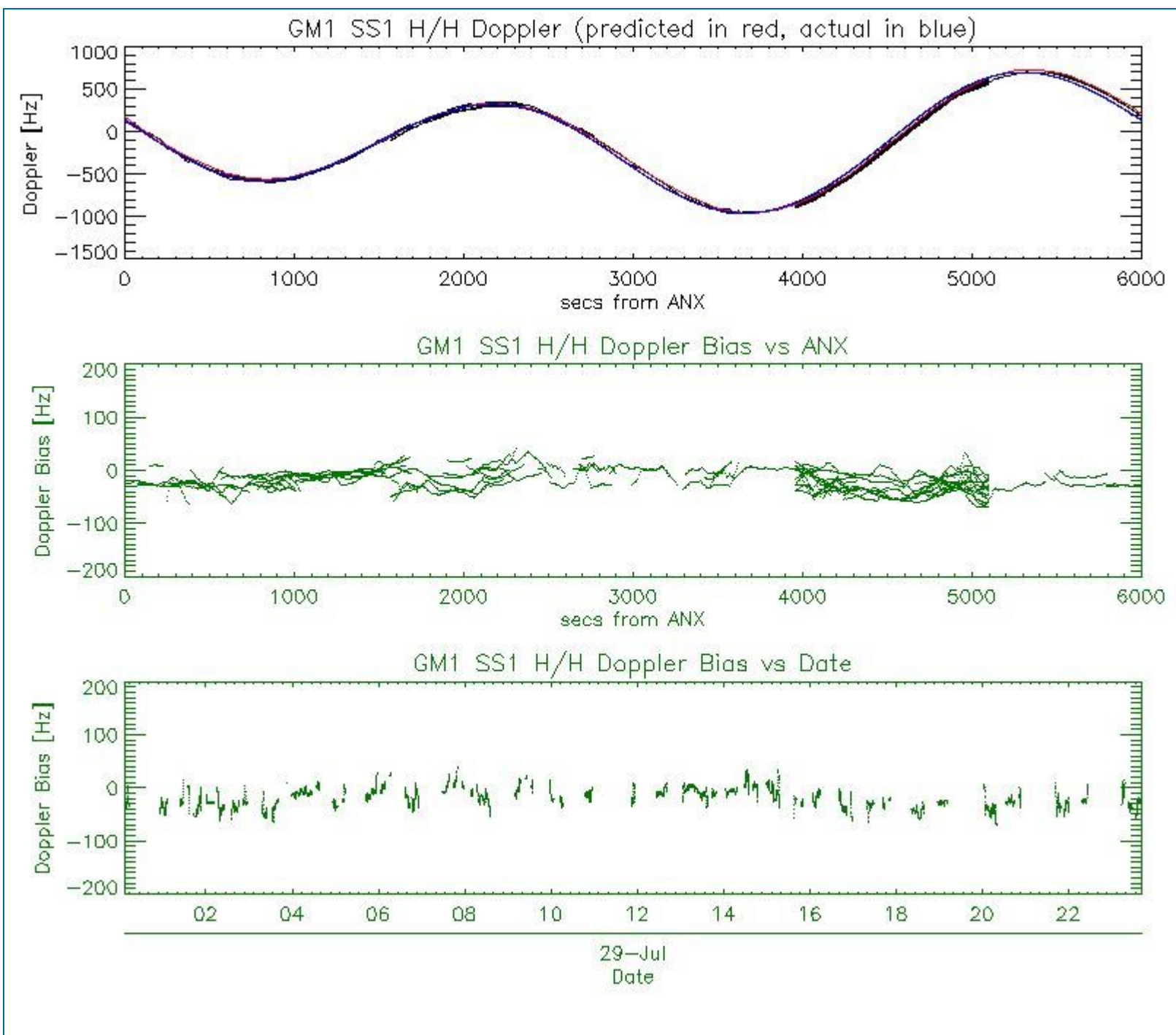




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

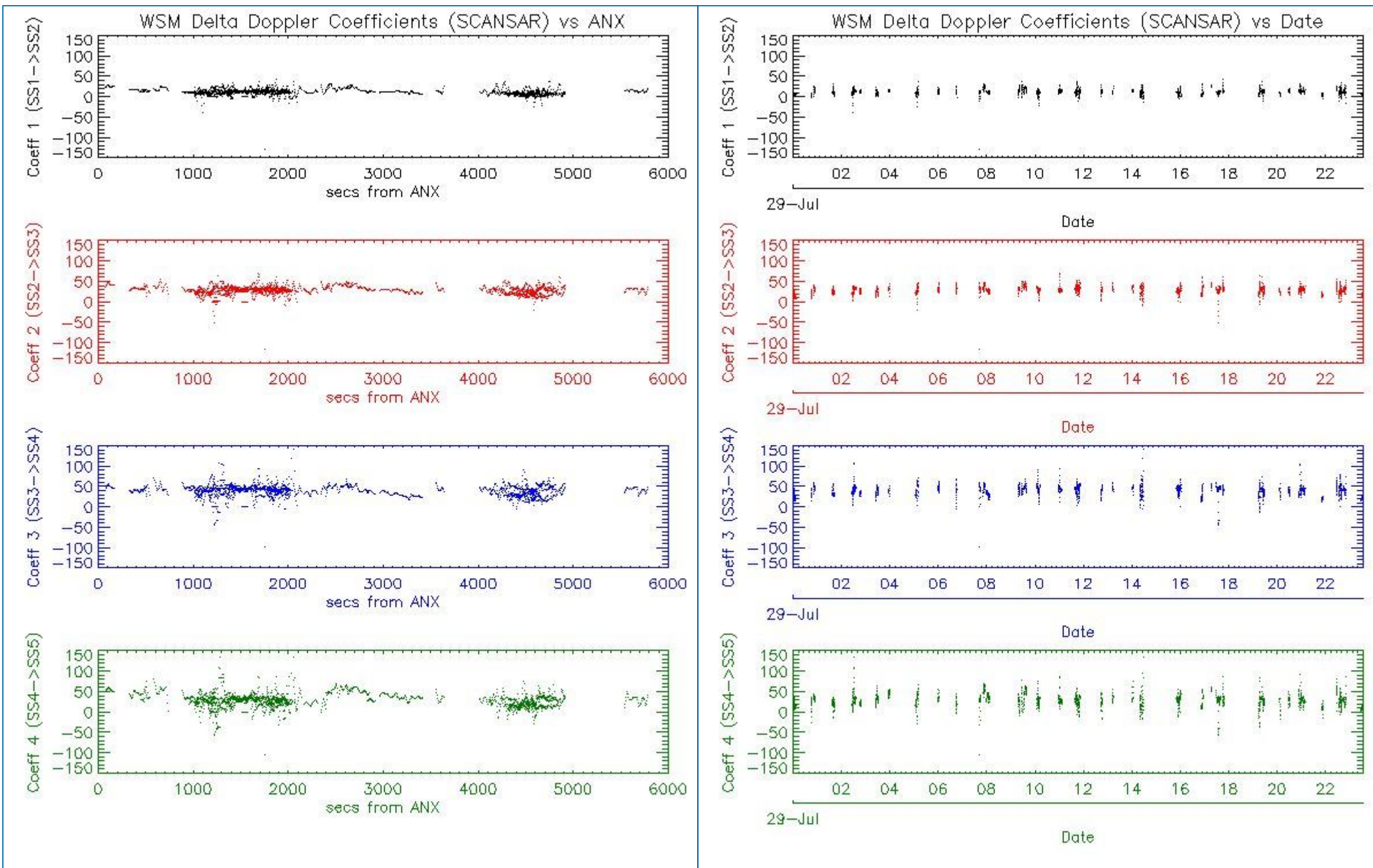




5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]

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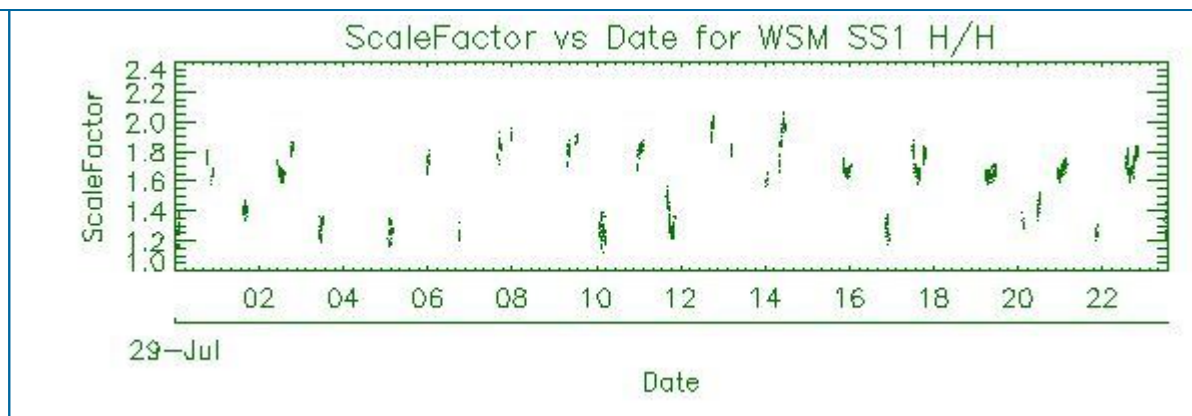
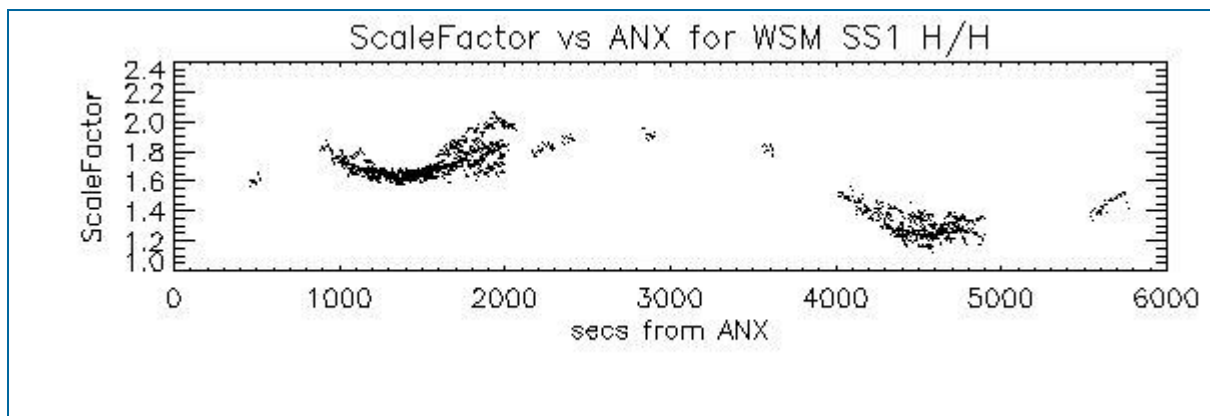
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

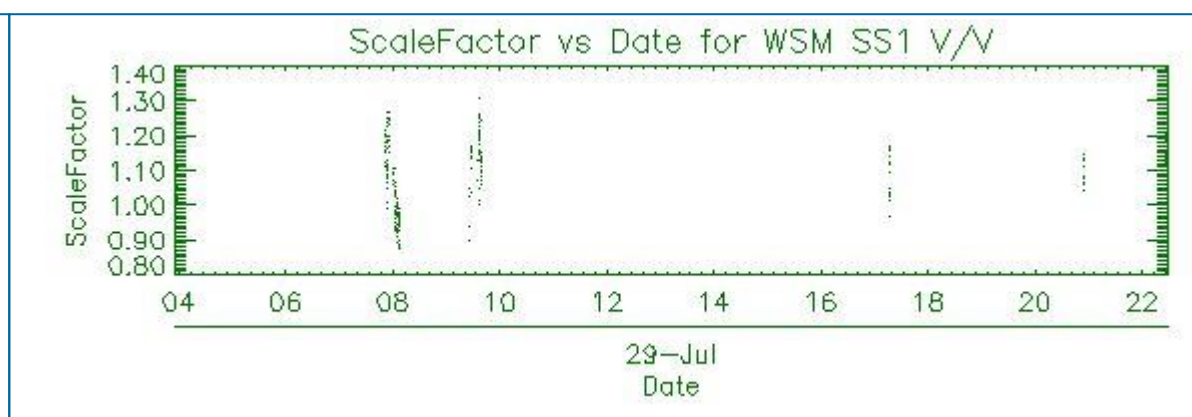
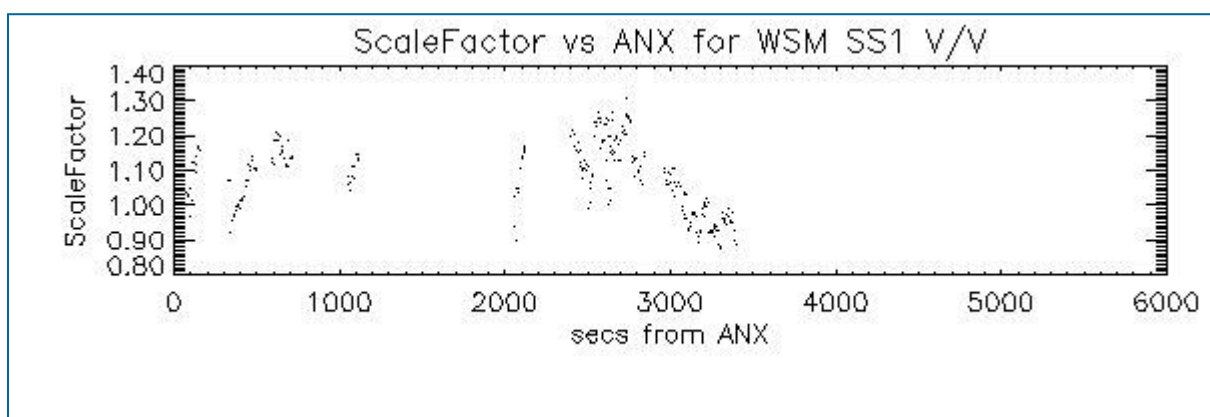




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

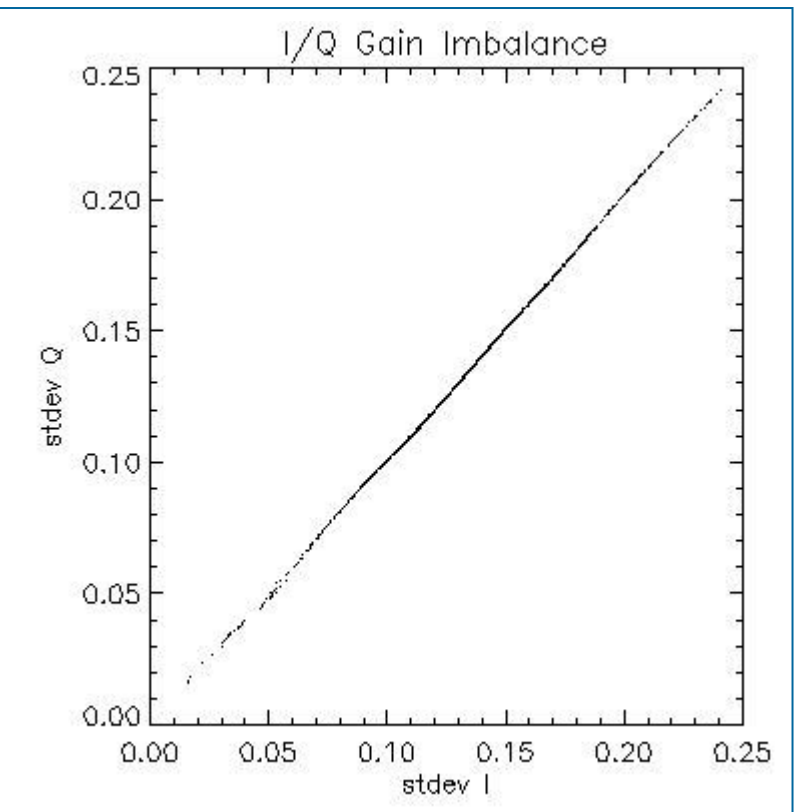
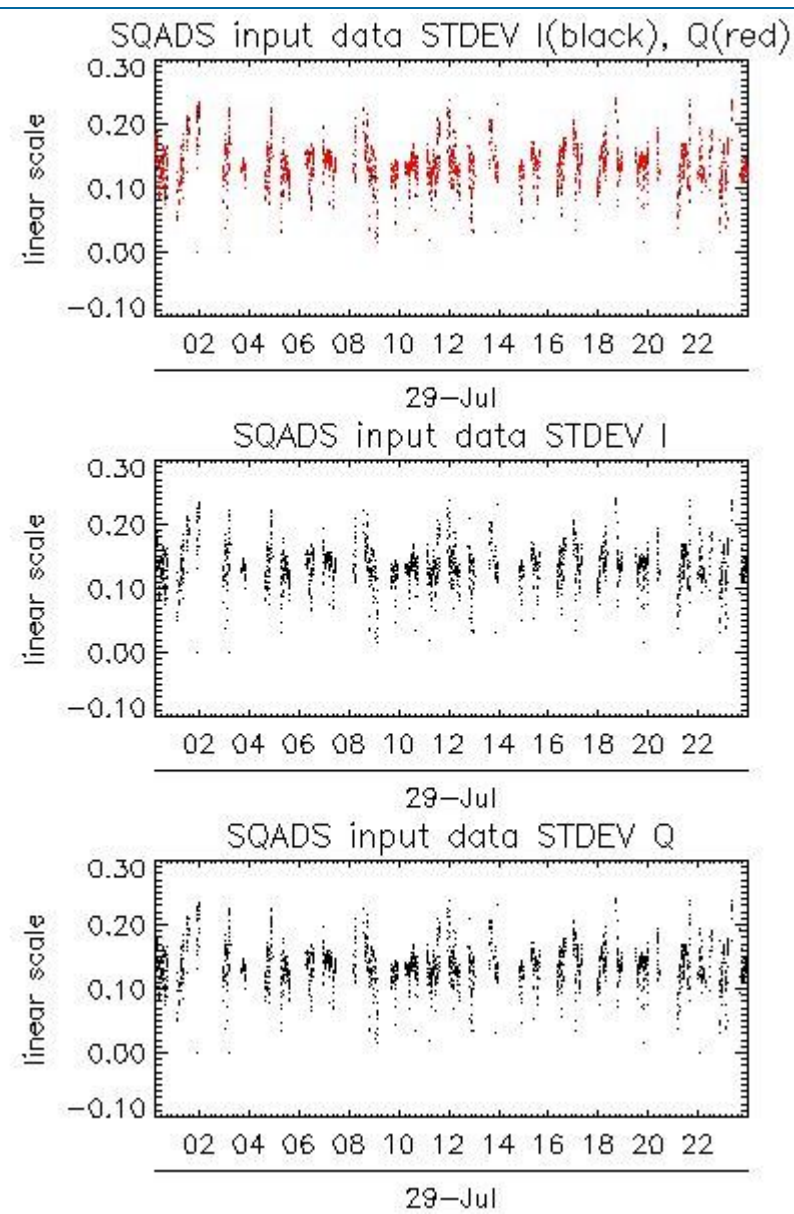
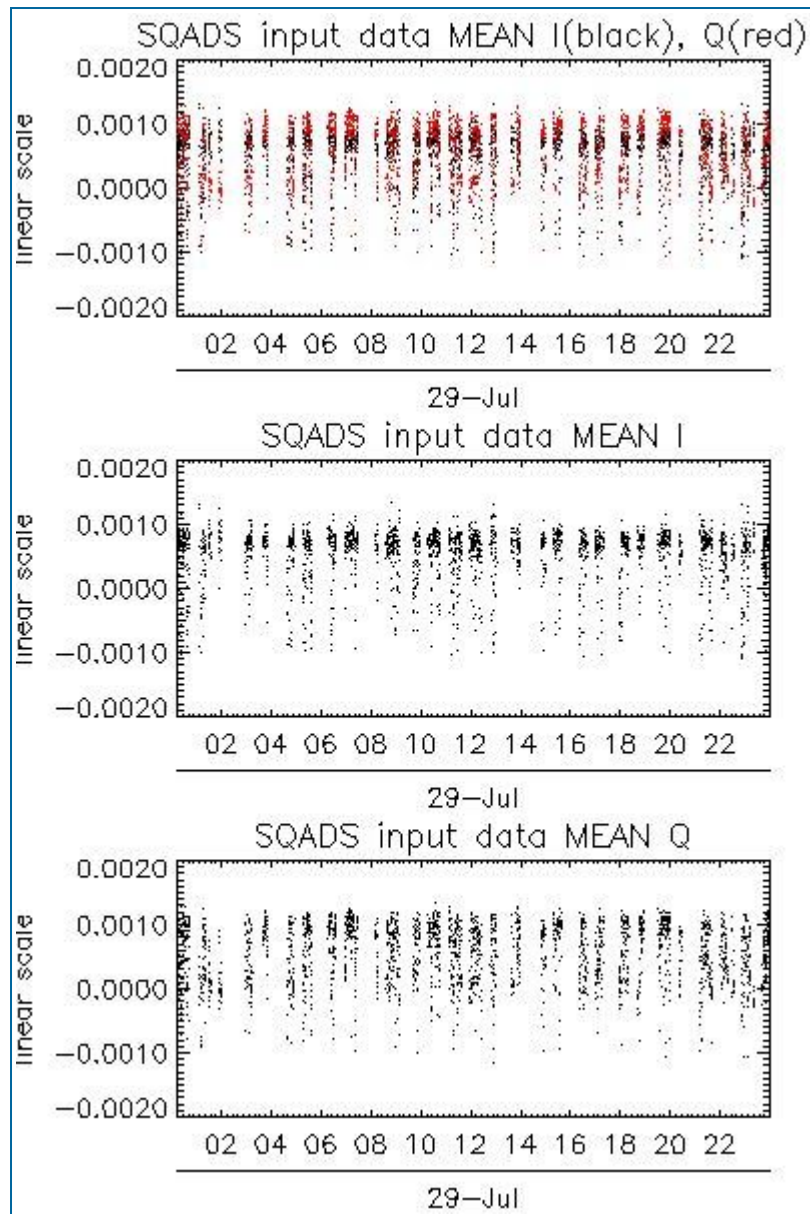


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

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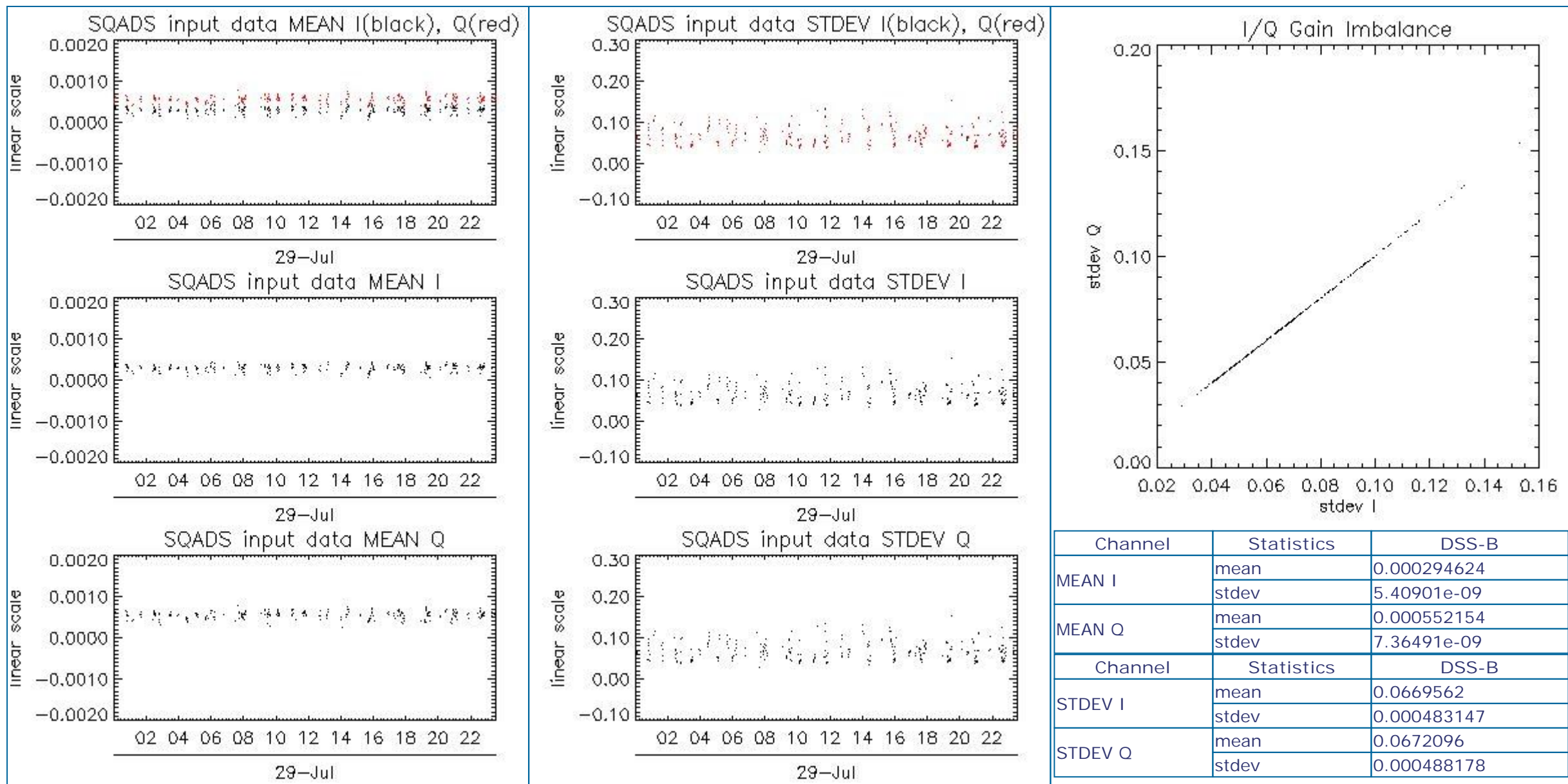


Channel	Statistics	DSS-B
MEAN I	mean	0.000544402
	stdev	1.76199e-07
MEAN Q	mean	0.000566008
	stdev	2.19221e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.135836
	stdev	0.000998944
STDEV Q	mean	0.136191
	stdev	0.00101663

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



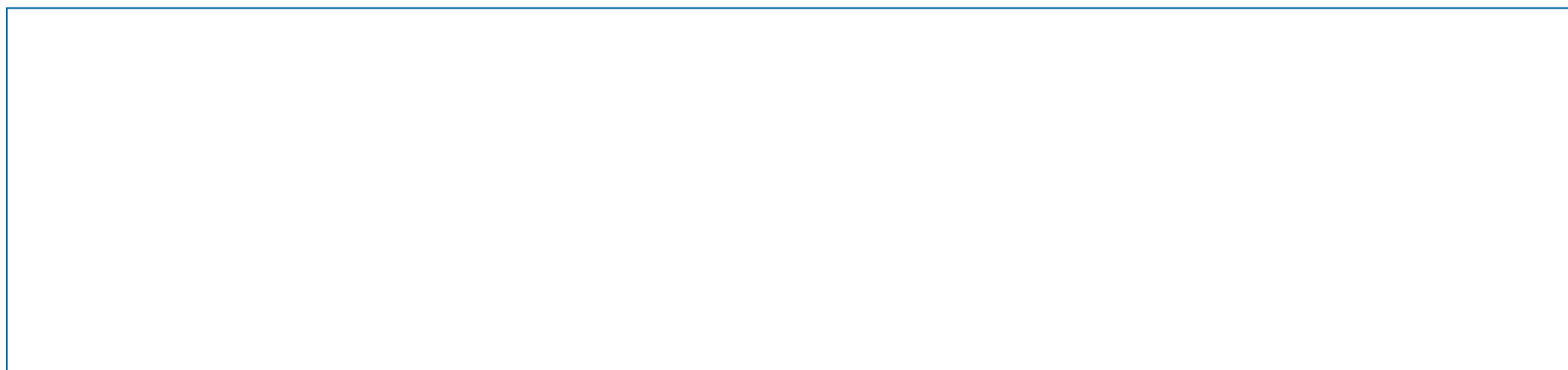


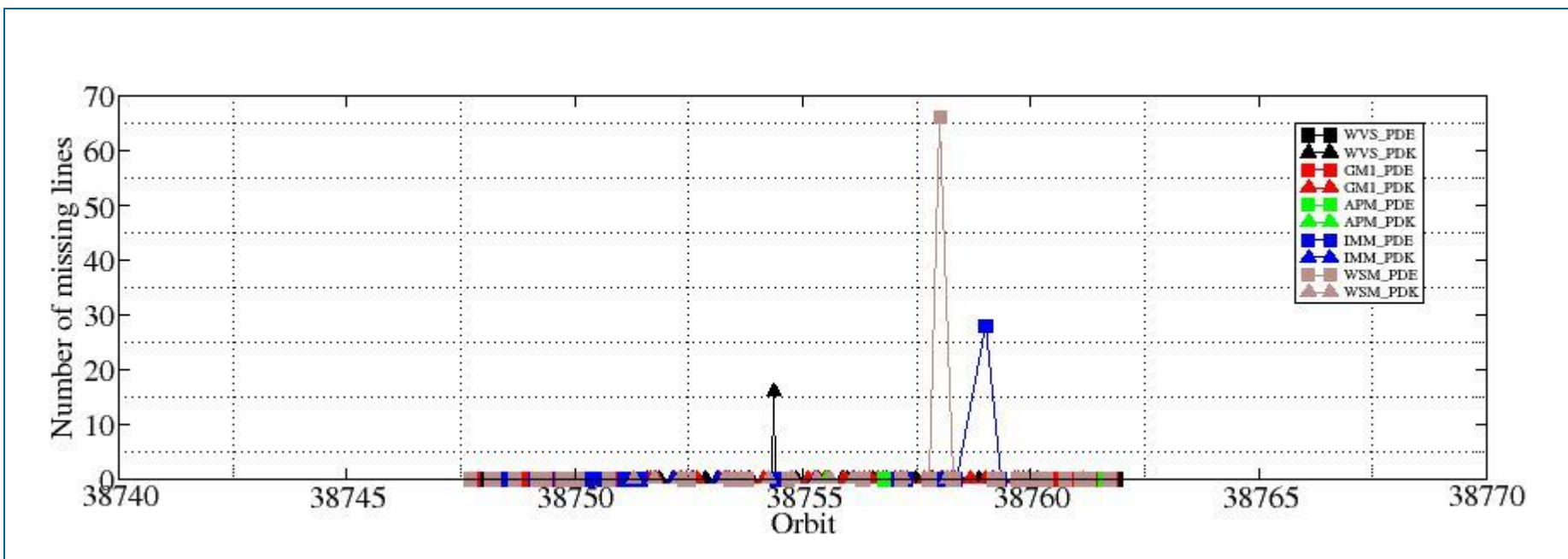
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WVS_1PNPDK20090729_110933_000001942081_00123_38754_9717.N1	0	16
PDE	ASA_IMM_1PNPDE20090729_185648_000000432081_00128_38759_0181.N1	0	28
PDE	ASA_WSM_1PNPDE20090729_171610_000000972081_00127_38758_0173.N1	0	66

8.1 - Number of Missing lines

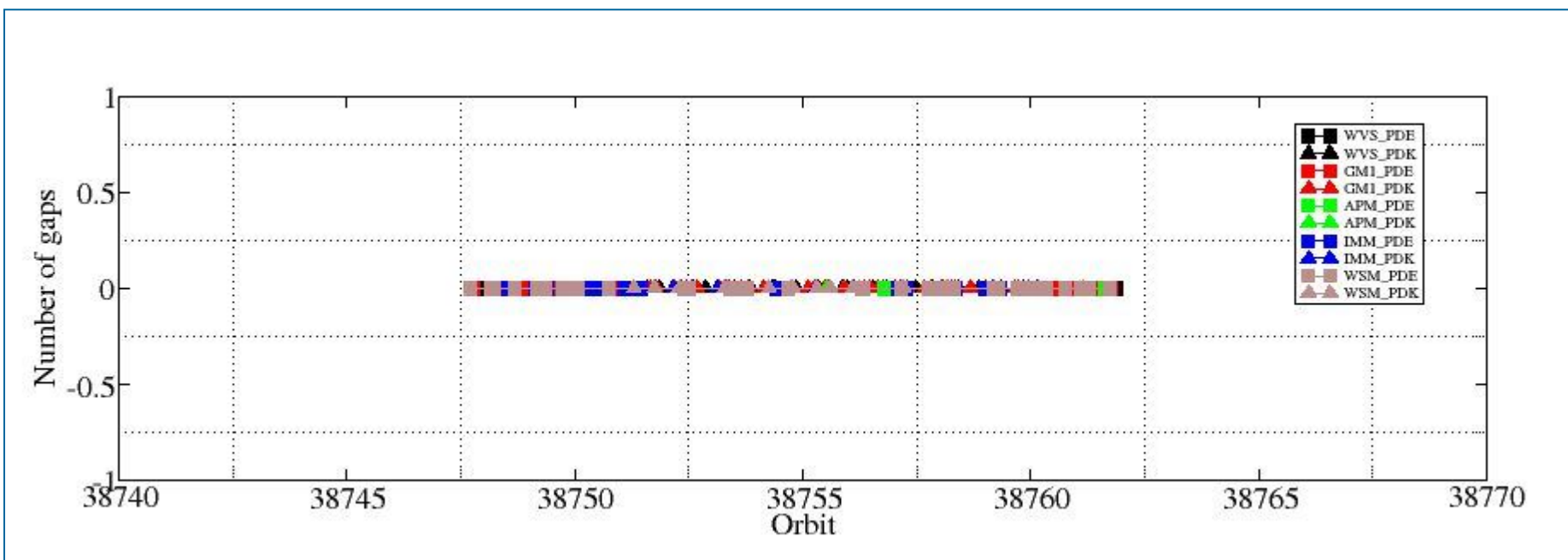
[BACK TO MENU]





8.2 - Number of Gaps

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



ASAR DAILY REPORT for 090729
#####

MODE: DAILY
ANALYSIS: ALL
DATE: TODAY

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090729/

DATA SUMMARY

Summary will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090729/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090729/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090729/AUXILIARY

Creating directory ./RESULTS/DAILY/090729/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20090729_030002_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

Writing file ./RESULTS/DAILY/090729/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090729/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20090729_001322_000002252081_00116_38747_8985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_001622_000016642081_00116_38747_9111.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_010704_000000742081_00117_38748_9108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_011026_000007532081_00117_38748_9116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_012922_000002852081_00117_38748_9126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_015358_000000892081_00117_38748_9123.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_015428_000003002081_00117_38748_9267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_025724_000007342081_00118_38749_9285.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_030909_000003002081_00118_38749_9410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_034011_000007042081_00118_38749_9424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_043832_000007342081_00119_38750_9427.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_045031_000002852081_00119_38750_9576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_051510_000013942081_00119_38750_9605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_061655_000008392081_00120_38751_9602.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_063040_000003152081_00120_38751_9362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_065546_000019042081_00120_38751_9380.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_081124_000003152081_00121_38752_9444.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_083622_000017392081_00121_38752_9447.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_090705_000001352081_00122_38753_9456.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_094055_000009742081_00122_38753_9589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_101657_000017992081_00122_38753_9649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_110633_000001652081_00123_38754_9714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_110933_000001942081_00123_38754_9717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_111420_000014092081_00123_38754_9738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_115733_000016792081_00123_38754_9779.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_124724_000008842081_00124_38755_9865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_133809_000002852081_00124_38755_9872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_134951_000005542081_00124_38755_9879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_144805_000006592081_00125_38756_0020.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_151845_000011392081_00125_38756_0090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_162026_000011542081_00126_38757_0168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_165921_000009592081_00126_38757_0173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_171749_000008892081_00127_38758_0181.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_GM1.xls...
Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20090729_000717_000003622081_00116_38747_8982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_005502_000007182081_00117_38748_9113.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_012348_000003322081_00117_38748_9120.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_013455_000001502081_00117_38748_9118.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_014246_000006702081_00117_38748_9128.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_020017_000007182081_00117_38748_9256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_021556_000003562081_00118_38749_9260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

ASA_GM1_1PNPDE20090729_022307_000001932081_00118_38749_9262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_023557_000005672081_00118_38749_9264.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_025114_000003682081_00118_38749_9282.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_031719_000004342081_00118_38749_9391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_033133_000005132081_00118_38749_9407.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_035236_00000782081_00119_38750_9393.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_035933_000017042081_00119_38750_9497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_043410_000002592081_00119_38750_9421.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_045607_000004342081_00119_38750_9561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_051026_000002832081_00119_38750_9573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_054256_000004472081_00120_38751_9571.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_055115_000004162081_00120_38751_9569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_060158_000004832081_00120_38751_9599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_061538_00000722081_00120_38751_9597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_063643_000004342081_00120_38751_9359.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_064622_000005612081_00120_38751_9364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_072853_000006342081_00121_38752_9377.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_074455_000002952081_00121_38752_9435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_075557_000001502081_00121_38752_9437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_080819_000001812081_00121_38752_9441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_081719_000000842081_00121_38752_9439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_082004_000009732081_00121_38752_9531.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_090958_000005312081_00122_38753_9458.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_092342_000001382081_00122_38753_9582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_093232_000001632081_00122_38753_9584.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_095755_000003622081_00122_38753_9586.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_101214_000002832081_00122_38753_9591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_104738_000006282081_00123_38754_9646.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_115140_000003502081_00123_38754_9740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_122614_000008702081_00124_38755_9799.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_124000_00000782081_00124_38755_9858.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_130256_000002232081_00124_38755_9860.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_130812_000002412081_00124_38755_9862.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_131352_000014552081_00124_38755_9953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_134340_000003682081_00124_38755_9876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_140249_000001022081_00125_38756_9874.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_140518_000008272081_00125_38756_9934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_142835_000004282081_00125_38756_0013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_144123_000003982081_00125_38756_0015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_145942_000006402081_00125_38756_0017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_151123_000004412081_00125_38756_0022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_153823_000001692081_00126_38757_0026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_154722_000001692081_00126_38757_0033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_160352_000006882081_00126_38757_0159.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_164018_000006822081_00126_38757_0163.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_165621_000001812081_00126_38757_0170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_172002_00000722081_00127_38758_0165.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_172205_000004532081_00127_38758_0183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20090729_151020_00000432081_00125_38756_0099.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20090729_130639_00000722081_00124_38755_9964.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_IMM.txt...


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ASA_IMM_1PNPDE20090729_004722_000002032081_00117_38748_9528.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_004925_000000602081_00117_38748_9222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_010850_000000882081_00117_38748_9381.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_010954_000000242081_00117_38748_9228.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_022153_000000632081_00118_38749_9258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_024821_000001622081_00118_38749_9389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_024925_000000982081_00118_38749_9349.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_042755_000000632081_00119_38750_9502.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_042755_000003632081_00119_38750_9559.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_043258_000000602081_00119_38750_9512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_053907_000002182081_00120_38751_9690.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_055024_000000392081_00120_38751_9563.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061002_000002432081_00120_38751_9725.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061106_000001792081_00120_38751_9709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061450_000000372081_00120_38751_9565.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_093956_000000512081_00122_38753_9791.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_111322_000000532081_00123_38754_9836.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_154405_000001832081_00126_38757_0095.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_072804_000000372081_00121_38752_9406.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_090604_000000542081_00122_38753_9453.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_092825_000000922081_00122_38753_9556.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_124116_000000912081_00124_38755_9990.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_140430_000000362081_00125_38756_9976.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing WSM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WSM.txt...

```
ASA_WSM_1PNPDE20090729_004450_000001222081_00117_38748_9254.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_005144_000000732081_00117_38748_9230.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_005144_000001902081_00117_38748_9545.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_013732_000003122081_00117_38748_9275.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_022622_000005692081_00118_38749_9539.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_024530_000001532081_00118_38749_9347.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032436_000002512081_00118_38749_9541.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032436_000004152081_00118_38749_9567.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032948_000001022081_00118_38749_9542.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035534_000000732081_00119_38750_9491.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035534_000001902081_00119_38750_9557.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035749_000000552081_00119_38750_9495.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_050324_000004152081_00119_38750_9727.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_075117_000002752081_00121_38752_9754.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_075830_000000922081_00121_38752_9749.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_080039_000004582081_00121_38752_9795.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_093058_000000922081_00122_38753_9809.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_093520_000002512081_00122_38753_9826.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_100402_000002812081_00122_38753_9834.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_100803_000001102081_00122_38753_9843.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_101030_000000972081_00122_38753_9845.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_113921_000004152081_00123_38754_9875.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_155015_000001702081_00126_38757_0097.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_055815_000002202081_00120_38751_9357.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_064400_000001352081_00120_38751_9428.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_073930_000000732081_00121_38752_9412.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_074145_000001762081_00121_38752_9430.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_091852_000001712081_00122_38753_9569.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_092605_000000922081_00122_38753_9561.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_105808_000004892081_00123_38754_9709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114736_000001892081_00123_38754_0024.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114832_000000302081_00123_38754_9807.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_124310_000002512081_00124_38755_0092.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_131218_000000912081_00124_38755_9962.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_140115_000000912081_00125_38756_0011.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_141913_000003122081_00125_38756_0107.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

AUXILIARY FILES ANALYSIS completed

#####

MODULE STEPPING ANALYSIS

#####

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Results will be exported to the directory: ./RESULTS/DAILY/090729/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING...

Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/FIRST_REFERENCE...

Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE...

Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20050922_062651_00000152041_00034_18625_0041.N1

Test product: ASA_MS__0PNPDK20090729_081846_00000162081_00121_38752_0855.N1

H

H

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090729_081846-20050922_062651.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090729_081846-20050922_062651.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090729_081846-20050922_062651.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090729_081846-20050922_062651.png

Polarization: V

Reference product: ASA_MS__0PNPDK20050923_055514_00000152041_00048_18639_0042.N1

Test product: ASA_MS__0PNPDK20090728_085023_00000162081_00107_38738_0854.N1

V

V

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090728_085023-20050923_055514.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090728_085023-20050923_055514.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090728_085023-20050923_055514.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090728_085023-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20090725_084438_00000162081_00064_38695_0852.N1

Test product: ASA_MS__0PNPDK20090729_081846_00000162081_00121_38752_0855.N1

H

H

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090729_081846-20090725_084438.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090729_081846-20090725_084438.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090729_081846-20090725_084438.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090729_081846-20090725_084438.png

Polarization: V

Reference product: ASA_MS__0PNPDK20090726_095337_00000162081_00079_38710_0853.N1

Test product: ASA_MS__0PNPDK20090728_085023_00000162081_00107_38738_0854.N1

V

V

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090728_085023-20090726_095337.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090728_085023-20090726_095337.png

../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090728_085023-20090726_095337.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090728_085023-20090726_095337.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090729/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_1.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_2.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_3.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_4.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/090729//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 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_1.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_2.dat...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_3.dat...



Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 19:00:01. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_4.dat...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/090729/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_data_WVS_IS2_VV_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_data_GM1_SS1_HH_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_Jumps_data_WSM_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01

Analysing products WVS IS2 V/V
 Loading predicted doppler values....
 Phase: descending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -25.619447 Hz
 Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
 Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

 Loading predicted doppler values....
 Phase: ascending
 Found data...



```
Computing mean error doppler estimated-predicted...
Mean error = -21.484557 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/090729//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 = -12.502548 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -19.550346 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/090729/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-07-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-07-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

```
CHIRP ANALYSIS completed
#####
```

RAW DATA ANALYSIS

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090729/RAW_DATA

Creating directory ./RESULTS/DAILY/090729/RAW_DATA...

Getting raw data for WVS from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_2009-07-29.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_input_stddev.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-07-29 00:00:00 to 2009-07-29 19:00:01...
Writing file ./RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_2009-07-29.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_input_stddev.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 19:00:01
Results will be exported to the directory: ./RESULTS/DAILY/090729/TELEMETRY

Creating directory ./RESULTS/DAILY/090729/TELEMETRY...

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

Checking 14 products from PDE...
Checking 19 products from PDK...
Found product..ASA_WVS_1PNPDK20090729_110933_000001942081_00123_38754_9717.N1 / 0 gaps / 16 missing lines

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

Checking 21 products from PDE...
Checking 34 products from PDK...

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

Checking 1 products from PDE...
Checking 1 products from PDK...

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

Checking 18 products from PDE...
Checking 5 products from PDK...

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

Checking 24 products from PDE...
Checking 13 products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/090729/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/090729/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

BROWSE PRODUCTS ANALYSIS

Analysis will be performed on 2009-07-29

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20090729/

ANALYSIS COMPLETED: 0 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20090729/

ANALYSIS COMPLETED: 0 AP browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20090729/

ANALYSIS COMPLETED: 0 IM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20090729/

ANALYSIS COMPLETED: 0 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/090729/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
#####

ASAR DAILY REPORT for 090729
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/

DATA SUMMARY

Summary will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090729/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/090729/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/AUXILIARY

Creating directory ./RESULTS/DAILY/090729/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20090729_030002_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

Writing file ./RESULTS/DAILY/090729/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090729/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20090729_001322_000002252081_00116_38747_8985.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_001622_000016642081_00116_38747_9111.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_010704_000000742081_00117_38748_9108.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_011026_000007532081_00117_38748_9116.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_012922_000002852081_00117_38748_9126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_015358_000000892081_00117_38748_9123.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_015428_000003002081_00117_38748_9267.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_025724_000007342081_00118_38749_9285.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_030909_000003002081_00118_38749_9410.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_034011_000007042081_00118_38749_9424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_043832_000007342081_00119_38750_9427.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_045031_000002852081_00119_38750_9576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_051510_000013942081_00119_38750_9605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_061655_000008392081_00120_38751_9602.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_211123_000017992081_00129_38760_0242.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_220109_000001942081_00129_38760_0234.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_220339_000008242081_00129_38760_0372.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_222857_000002402081_00130_38761_0375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_225014_000013942081_00130_38761_0387.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_231958_000001202081_00130_38761_0384.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_234145_000002552081_00130_38761_0392.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090729_234530_000016192081_00130_38761_0524.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_063040_000003152081_00120_38751_9362.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_065546_000019042081_00120_38751_9380.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_081124_000003152081_00121_38752_9444.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_083622_000017392081_00121_38752_9447.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_090705_000001352081_00122_38753_9456.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_094055_000009742081_00122_38753_9589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_101657_000017992081_00122_38753_9649.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_110633_000001652081_00123_38754_9714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_110933_000001942081_00123_38754_9717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_111420_000014092081_00123_38754_9738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_115733_000016792081_00123_38754_9779.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_124724_000008842081_00124_38755_9865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_133809_000002852081_00124_38755_9872.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_134951_000005542081_00124_38755_9879.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_144805_000006592081_00125_38756_0020.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_151845_000011392081_00125_38756_0090.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_162026_000011542081_00126_38757_0168.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_165921_000009592081_00126_38757_0173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_171749_000000892081_00127_38758_0181.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_175647_000014092081_00127_38758_0301.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_184231_000008092081_00127_38758_0310.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_193118_000017692081_00128_38759_0538.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090729_202033_000003752081_00128_38759_0547.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20090729_000717_000003622081_00116_38747_8982.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_005502_000007182081_00117_38748_9113.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_012348_000003322081_00117_38748_9120.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_013455_000001502081_00117_38748_9118.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_014246_000006702081_00117_38748_9128.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_020017_000007182081_00117_38748_9256.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_021556_000003562081_00118_38749_9260.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_022307_000001932081_00118_38749_9262.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_023557_000005672081_00118_38749_9264.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_025114_000003682081_00118_38749_9282.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_031719_000004342081_00118_38749_9391.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_033133_000005132081_00118_38749_9407.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_035236_000000782081_00119_38750_9393.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_035933_000017042081_00119_38750_9497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_043410_000002592081_00119_38750_9421.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_045607_000004342081_00119_38750_9561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_051026_000002832081_00119_38750_9573.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_054256_000004472081_00120_38751_9571.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_055115_000004162081_00120_38751_9569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_060158_000004832081_00120_38751_9599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_061538_000000722081_00120_38751_9597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_205150_000000962081_00129_38760_0223.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_214206_000004892081_00129_38760_0231.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_215325_000004592081_00129_38760_0244.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_221800_000005012081_00130_38761_0379.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_231408_000001382081_00130_38761_0377.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_231635_000001082081_00130_38761_0381.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_232242_000003622081_00130_38761_0389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20090729_233331_000004892081_00130_38761_0399.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_063643_000004342081_00120_38751_9359.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_064622_000005612081_00120_38751_9364.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_072853_000006342081_00121_38752_9377.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_074455_000002952081_00121_38752_9435.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_075557_000001502081_00121_38752_9437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_080819_000001812081_00121_38752_9441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_081719_000000842081_00121_38752_9439.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_082004_000009732081_00121_38752_9531.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_090958_000005312081_00122_38753_9458.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_092342_000001382081_00122_38753_9582.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_093232_000001632081_00122_38753_9584.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_095755_000003622081_00122_38753_9586.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_101214_000002832081_00122_38753_9591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_104738_000006282081_00123_38754_9646.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_115140_000003502081_00123_38754_9740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_122614_0000008702081_00124_38755_9799.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_124000_000000782081_00124_38755_9858.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_130256_000002232081_00124_38755_9860.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_130812_000002412081_00124_38755_9862.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_131352_000014552081_00124_38755_9953.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_134340_000003682081_00124_38755_9876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_140249_000001022081_00125_38756_9874.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_140518_000008272081_00125_38756_9934.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_142835_000004282081_00125_38756_0013.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_144123_000003982081_00125_38756_0015.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_145942_000006402081_00125_38756_0017.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_151123_000004412081_00125_38756_0022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_153823_000001692081_00126_38757_0026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_154722_000001692081_00126_38757_0033.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_160352_000006882081_00126_38757_0159.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_164018_000006822081_00126_38757_0163.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_165621_000001812081_00126_38757_0170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_172002_000000722081_00127_38758_0165.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_172205_000004532081_00127_38758_0183.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20090729_174108_000001572081_00127_38758_0296.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_175000_000001322081_00127_38758_0298.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_182054_000010572081_00127_38758_0388.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_185741_000008092081_00128_38759_0307.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_200130_000002772081_00128_38759_0535.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_200754_000007552081_00128_38759_0540.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_203203_000007732081_00128_38759_0544.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090729_205111_000001082081_00129_38760_0549.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing APM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_APM.txt...

```
ASA_APM_1PNPDE20090729_151020_00000432081_00125_38756_0099.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20090729_231833_00000752081_00130_38761_0503.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20090729_130639_00000722081_00124_38755_9964.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20090729_205008_00000422081_00129_38760_0623.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_IMM.txt...

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ASA_IMM_1PNPDE20090729_004722_000002032081_00117_38748_9528.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_004925_00000602081_00117_38748_9222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_010850_00000882081_00117_38748_9381.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_010954_00000242081_00117_38748_9228.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_022153_00000632081_00118_38749_9258.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_024821_000001622081_00118_38749_9389.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_024925_00000982081_00118_38749_9349.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_042755_00000632081_00119_38750_9502.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_042755_000003632081_00119_38750_9559.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_043258_00000602081_00119_38750_9512.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_053907_000002182081_00120_38751_9690.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_055024_00000392081_00120_38751_9563.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061002_000002432081_00120_38751_9725.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061106_000001792081_00120_38751_9709.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_061450_00000372081_00120_38751_9565.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_093956_00000512081_00122_38753_9791.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_111322_00000532081_00123_38754_9836.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_154110_000002522081_00126_38757_0155.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_154214_000001772081_00126_38757_0135.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_154405_000001832081_00126_38757_0095.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_160249_00000512081_00126_38757_0103.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_172116_00000382081_00127_38758_0101.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_174345_00000392081_00127_38758_0143.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_174842_00000682081_00127_38758_0167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_175213_000002662081_00127_38758_0179.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_185648_00000432081_00128_38759_0181.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_193017_00000562081_00128_38759_0189.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_204711_00000422081_00129_38760_0221.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20090729_210953_00000822081_00129_38760_0329.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_072804_00000372081_00121_38752_9406.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_090604_00000542081_00122_38753_9453.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_092825_00000922081_00122_38753_9556.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_124116_00000912081_00124_38755_9990.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_140430_00000362081_00125_38756_9976.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_191110_00000302081_00128_38759_0386.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_191110_000001622081_00128_38759_0399.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20090729_204937_00000182081_00129_38760_0533.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WSM.xls...

Writing file ./RESULTS/DAILY/090729/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20090729_004450_000001222081_00117_38748_9254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_005144_000000732081_00117_38748_9230.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_005144_000001902081_00117_38748_9545.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_013732_000003122081_00117_38748_9275.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_022622_000005692081_00118_38749_9539.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_024530_000001532081_00118_38749_9347.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032436_000002512081_00118_38749_9541.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032436_000004152081_00118_38749_9567.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_032948_000001022081_00118_38749_9542.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035534_000000732081_00119_38750_9491.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035534_000001902081_00119_38750_9557.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_035749_000000552081_00119_38750_9495.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_050324_000004152081_00119_38750_9727.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_075117_000002752081_00121_38752_9754.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_075830_000000922081_00121_38752_9749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_080039_000004582081_00121_38752_9795.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_093058_000000922081_00122_38753_9809.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_093520_000002512081_00122_38753_9826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_100402_000002812081_00122_38753_9834.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_100803_000001102081_00122_38753_9843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_101030_000000972081_00122_38753_9845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_113921_000004152081_00123_38754_9875.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_142500_000002132081_00125_38756_0137.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_155015_000001702081_00126_38757_0097.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_165144_000002742081_00126_38757_0133.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_171610_000000972081_00127_38758_0173.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_174500_000001892081_00127_38758_0175.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_191502_000000922081_00128_38759_0177.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_192045_000001762081_00128_38759_0213.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_192422_000002812081_00128_38759_0219.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_200610_000000972081_00128_38759_0215.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_202748_000001342081_00128_38759_0217.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_202748_000002502081_00128_38759_0247.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_203057_000000612081_00128_38759_0211.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_210018_000002812081_00129_38760_0468.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_210540_000002372081_00129_38760_0480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_210849_000000482081_00129_38760_0355.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_215022_000001772081_00129_38760_0337.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_222627_000001532081_00130_38761_0363.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_223911_000002252081_00130_38761_0519.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_224340_000003732081_00130_38761_0548.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_224340_000003972081_00130_38761_0640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20090729_232849_000002812081_00130_38761_0521.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_055815_000002202081_00120_38751_9357.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_064400_000001352081_00120_38751_9428.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_073930_000000732081_00121_38752_9412.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_074145_000001762081_00121_38752_9430.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_091852_000001712081_00122_38753_9569.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_092605_000000922081_00122_38753_9561.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_105808_000004892081_00123_38754_9709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114736_000000732081_00123_38754_0151.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114736_000001892081_00123_38754_0024.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114736_000002372081_00123_38754_0531.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114832_000000302081_00123_38754_9807.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_114950_000001032081_00123_38754_0254.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_124310_000002512081_00124_38755_0092.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_131218_000000912081_00124_38755_9962.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_140115_000000912081_00125_38756_0011.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_141913_000003122081_00125_38756_0107.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_155233_000001342081_00126_38757_0119.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



```

ASA_WSM_1PNPDK20090729_155233_000001522081_00126_38757_0161.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_155524_000003122081_00126_38757_0252.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_155524_000004032081_00126_38757_0713.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_172941_000000972081_00127_38758_0269.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_173146_000000732081_00127_38758_0271.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_173146_000005502081_00127_38758_0475.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_173400_000004162081_00127_38758_0384.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_191442_000003972081_00128_38759_0542.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_205332_000000922081_00129_38760_0656.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_205529_000003302081_00129_38760_0664.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_223334_000000302081_00130_38761_0666.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_223334_000002502081_00130_38761_0682.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20090729_223334_000004282081_00130_38761_0715.N1  ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

```

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
Test product: ASA_MS__0PNPDK20090729_081846_000000162081_00121_38752_0855.N1
H
H
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090729_081846-20050922_062651.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090729_081846-20050922_062651.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090729_081846-20050922_062651.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090729_081846-20050922_062651.png

Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDK20090728_085023_000000162081_00107_38738_0854.N1
V
V
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090728_085023-20050923_055514.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090728_085023-20050923_055514.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090728_085023-20050923_055514.png
../../RESULTS/DAILY/090729/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090728_085023-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20090725_084438_000000162081_00064_38695_0852.N1
Test product: ASA_MS__0PNPDK20090729_081846_000000162081_00121_38752_0855.N1
H

H
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090729_081846-20090725_084438.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090729_081846-20090725_084438.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090729_081846-20090725_084438.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090729_081846-20090725_084438.png

Polarization: V
Reference product: ASA_MS__0PNPK20090726_095337_000000162081_00079_38710_0853.N1
Test product: ASA_MS__0PNPK20090728_085023_000000162081_00107_38738_0854.N1

V
V
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090728_085023-20090726_095337.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090728_085023-20090726_095337.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090728_085023-20090726_095337.png
../../../../RESULTS/DAILY/090729/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090728_085023-20090726_095337.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS

Creating directory ./RESULTS/DAILY/090729/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59

Analysing products WVS IS2 V/V
Writing image ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
Writing image ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59

Analysing products WVS IS2 V/V
Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_1.dat...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_2.dat...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_3.dat...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-07-29_4.dat...
Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/090729//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 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 1/5/9/13/17/21/25/29



Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_1.dat...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 2/6/10/14/18/22/26/30
 Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_2.dat...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 3/7/11/15/19/23/27/31
 Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_3.dat...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-07-29 00:00:00 to 2009-07-29 23:59:59. Rows: 4/8/12/16/20/24/28/32
 Writing file ./RESULTS/DAILY/090729/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-07-29_4.dat...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
 Writing ../../RESULTS/DAILY/090729//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
 #####

DOPPLER ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/090729/DOPPLER...

 DOPPLER ANX Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59

Analysing products WVS IS2 V/V
 Getting doppler data for WVS IS2 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_data_WVS_IS2_VV_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
 Getting doppler data for GM1 SS1 H/H from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_data_GM1_SS1_HH_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2009-07-29 00:00:00 to 2009-07-29 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
 Writing file ./RESULTS/DAILY/090729/DOPPLER/Doppler_Jumps_data_WSM_2009-07-29.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/090729/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 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 = -31.585296 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -24.047910 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/090729//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 = -15.577841 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
*****
Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -23.000965 Hz
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/090729//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

```
*****
DOPPLER ANALYSIS completed
#####
```

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/090729/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-07-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
```

```
*****
Getting ScaleFactor data for WSM SS1 V/V from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-07-29.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/090729/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/RAW_DATA

Creating directory ./RESULTS/DAILY/090729/RAW_DATA...

Getting raw data for WVS from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_2009-07-29.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-07-29 00:00:00 to 2009-07-29 23:59:59...
Writing file ./RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_2009-07-29.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/090729/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2009-07-29 00:00:00 to 2009-07-29 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090729/TELEMETRY

Creating directory ./RESULTS/DAILY/090729/TELEMETRY...

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

Checking 22 products from PDE...
Checking 23 products from PDK...
Found product...ASA_WVS_1PNPDK20090729_110933_000001942081_00123_38754_9717.N1 / 0 gaps / 16 missing lines

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

Checking 29 products from PDE...
Checking 42 products from PDK...

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

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

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


```
*****
Checking 29 products from PDE...
Found product...ASA_IMM_1PNPDE20090729_185648_00000432081_00128_38759_0181.N1 / 0 gaps / 28 missing lines
Checking 8 products from PDK...
```

```
Looking for gaps and missing lines in WSM products...
*****
Checking 44 products from PDE...
Found product...ASA_WSM_1PNPDE20090729_171610_00000972081_00127_38758_0173.N1 / 0 gaps / 66 missing lines
Checking 30 products from PDK...
```

```
Creating graph of missing lines and gaps...
*****
Creating image: ./RESULTS/DAILY/090729/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/090729/TELEMETRY/TELEMETRY_Gaps.png...
```

```
TELEMETRY ANALYSIS completed
#####
```

```
BROWSE PRODUCTS ANALYSIS
#####
Analysis will be performed on 2009-07-29
```

```
*****
Scanning directory /nas3/ENVISAT/ASAR//ASA_GM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM_BP/JPG/20090729/
```

```
ANALYSIS COMPLETED: 0 GM browse products to see...
*****
```

```
*****
Scanning directory /nas3/ENVISAT/ASAR//ASA_AP_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP_BP/JPG/20090729/
```

```
ANALYSIS COMPLETED: 0 AP browse products to see...
*****
```

```
*****
Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20090729/
```

```
ANALYSIS COMPLETED: 0 IM browse products to see...
*****
```

```
*****
Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20090729/
```

```
ANALYSIS COMPLETED: 0 WS browse products to see...
*****
```

```
BROWSE PRODUCTS ANALYSIS completed
#####
```

```
HTML REPORT generation
#####
```

Building file ./RESULTS/DAILY/090729/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
#####



ASAR Daily Report



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_1PNPDE20090729_151020_000000432081_00125_38756_0099.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20090729_231833_000000752081_00130_38761_0503.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20090729_130639_000000722081_00124_38755_9964.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20090729_205008_000000422081_00129_38760_0623.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_1PNPDE20090729_000717_000003622081_00116_38747_8982.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_005502_000007182081_00117_38748_9113.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_012348_000003322081_00117_38748_9120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_013455_000001502081_00117_38748_9118.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_014246_000006702081_00117_38748_9128.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_020017_000007182081_00117_38748_9256.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_021556_000003562081_00118_38749_9260.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_022307_000001932081_00118_38749_9262.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_023557_000005672081_00118_38749_9264.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_025114_000003682081_00118_38749_9282.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_031719_000004342081_00118_38749_9391.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_033133_000005132081_00118_38749_9407.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_035236_000000782081_00119_38750_9393.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_035933_000017042081_00119_38750_9497.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_043410_000002592081_00119_38750_9421.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_045607_000004342081_00119_38750_9561.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_051026_000002832081_00119_38750_9573.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_054256_000004472081_00120_38751_9571.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_055115_000004162081_00120_38751_9569.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_060158_000004832081_00120_38751_9599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_061538_000000722081_00120_38751_9597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_205150_000000962081_00129_38760_0223.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_214206_000004892081_00129_38760_0231.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_215325_000004592081_00129_38760_0244.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_221800_000005012081_00130_38761_0379.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_231408_000001382081_00130_38761_0377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_231635_000001082081_00130_38761_0381.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_232242_000003622081_00130_38761_0389.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090729_233331_000004892081_00130_38761_0399.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_063643_000004342081_00120_38751_9359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_064622_000005612081_00120_38751_9364.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_072853_000006342081_00121_38752_9377.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_074455_000002952081_00121_38752_9435.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_075557_000001502081_00121_38752_9437.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_080819_000001812081_00121_38752_9441.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_081719_000000842081_00121_38752_9439.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_082004_000009732081_00121_38752_9531.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_090958_000005312081_00122_38753_9458.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_092342_000001382081_00122_38753_9582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_093232_000001632081_00122_38753_9584.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_095755_000003622081_00122_38753_9586.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_101214_000002832081_00122_38753_9591.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_104738_000006282081_00123_38754_9646.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_115140_000003502081_00123_38754_9740.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_122614_000008702081_00124_38755_9799.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_124000_000000782081_00124_38755_9858.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_130256_000002232081_00124_38755_9860.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_130812_000002412081_00124_38755_9862.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_131352_000014552081_00124_38755_9953.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_134340_000003682081_00124_38755_9876.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_140249_000001022081_00125_38756_9874.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_140518_000008272081_00125_38756_9934.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_142835_000004282081_00125_38756_0013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_144123_000003982081_00125_38756_0015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_145942_000006402081_00125_38756_0017.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_151123_000004412081_00125_38756_0022.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_153823_000001692081_00126_38757_0026.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_154722_000001692081_00126_38757_0033.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_160352_000006882081_00126_38757_0159.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_164018_000006822081_00126_38757_0163.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_165621_000001812081_00126_38757_0170.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_172002_000000722081_00127_38758_0165.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_172205_000004532081_00127_38758_0183.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_174108_000001572081_00127_38758_0296.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20090729_175000_000001322081_00127_38758_0298.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_182054_000010572081_00127_38758_0388.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_185741_000008092081_00128_38759_0307.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_200130_000002772081_00128_38759_0535.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_200754_000007552081_00128_38759_0540.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_203203_000007732081_00128_38759_0544.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20090729_205111_000001082081_00129_38760_0549.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_1PNPDE20090729_004722_000002032081_00117_38748_9528.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_004925_00000602081_00117_38748_9222.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_010850_00000882081_00117_38748_9381.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_010954_00000242081_00117_38748_9228.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_022153_00000632081_00118_38749_9258.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_024821_000001622081_00118_38749_9389.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_024925_00000982081_00118_38749_9349.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_042755_00000632081_00119_38750_9502.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_042755_000003632081_00119_38750_9559.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20090729_043258_00000602081_00119_38750_9512.N1					OK	OK	OK	OK
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Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

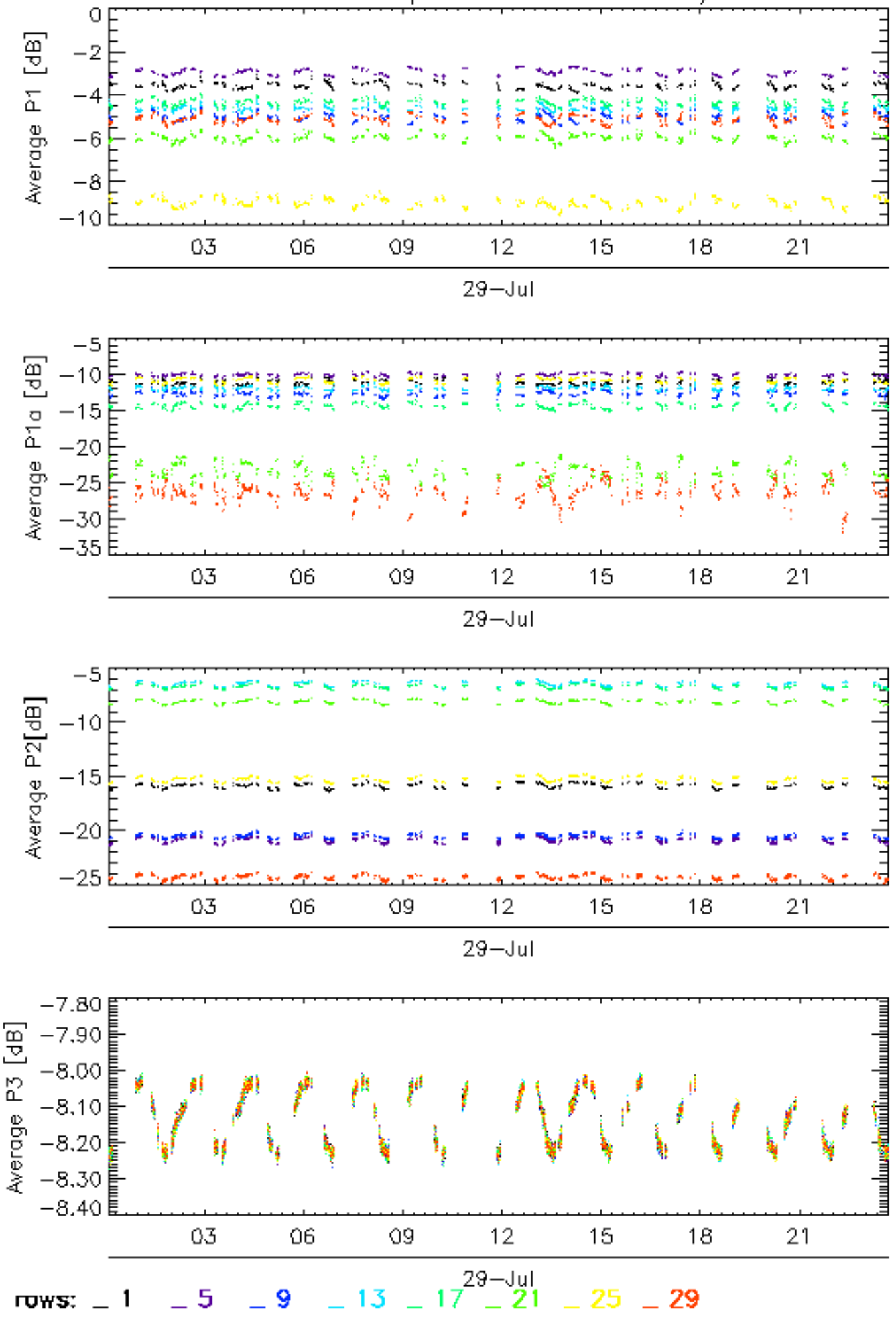
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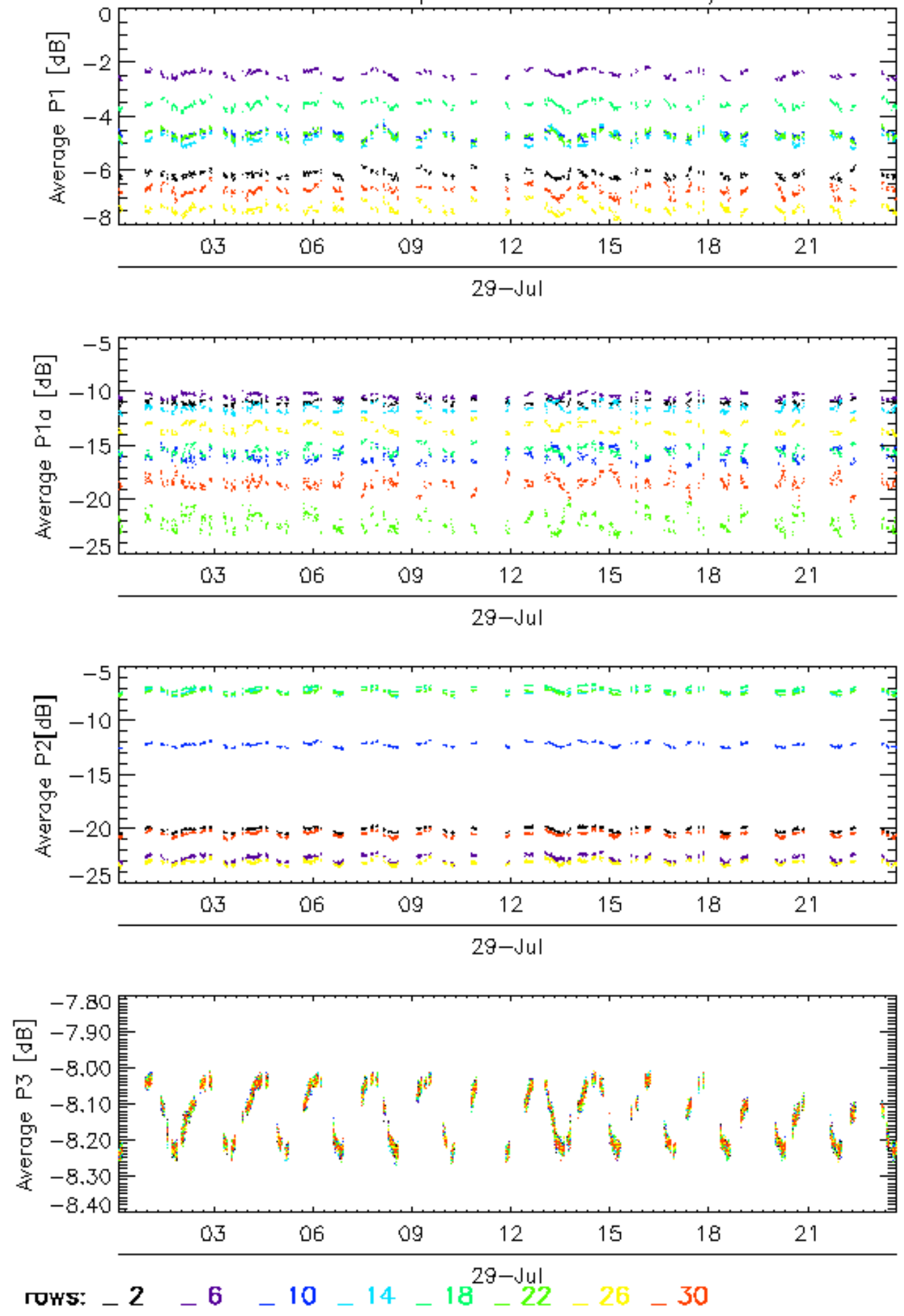
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20090729_011026_000007532081_00117_38748_9116.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_012922_000002852081_00117_38748_9126.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_015358_000000892081_00117_38748_9123.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_015428_000003002081_00117_38748_9267.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_025724_000007342081_00118_38749_9285.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_030909_000003002081_00118_38749_9410.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_034011_000007042081_00118_38749_9424.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_043832_000007342081_00119_38750_9427.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_045031_000002852081_00119_38750_9576.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20090729_211123_000017992081_00129_38760_0242.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20090729_222857_000002402081_00130_38761_0375.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_225014_000013942081_00130_38761_0387.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_231958_000001202081_00130_38761_0384.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_234145_000002552081_00130_38761_0392.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090729_234530_000016192081_00130_38761_0524.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20090729_193118_000017692081_00128_38759_0538.N1					OK	OK	OK	OK
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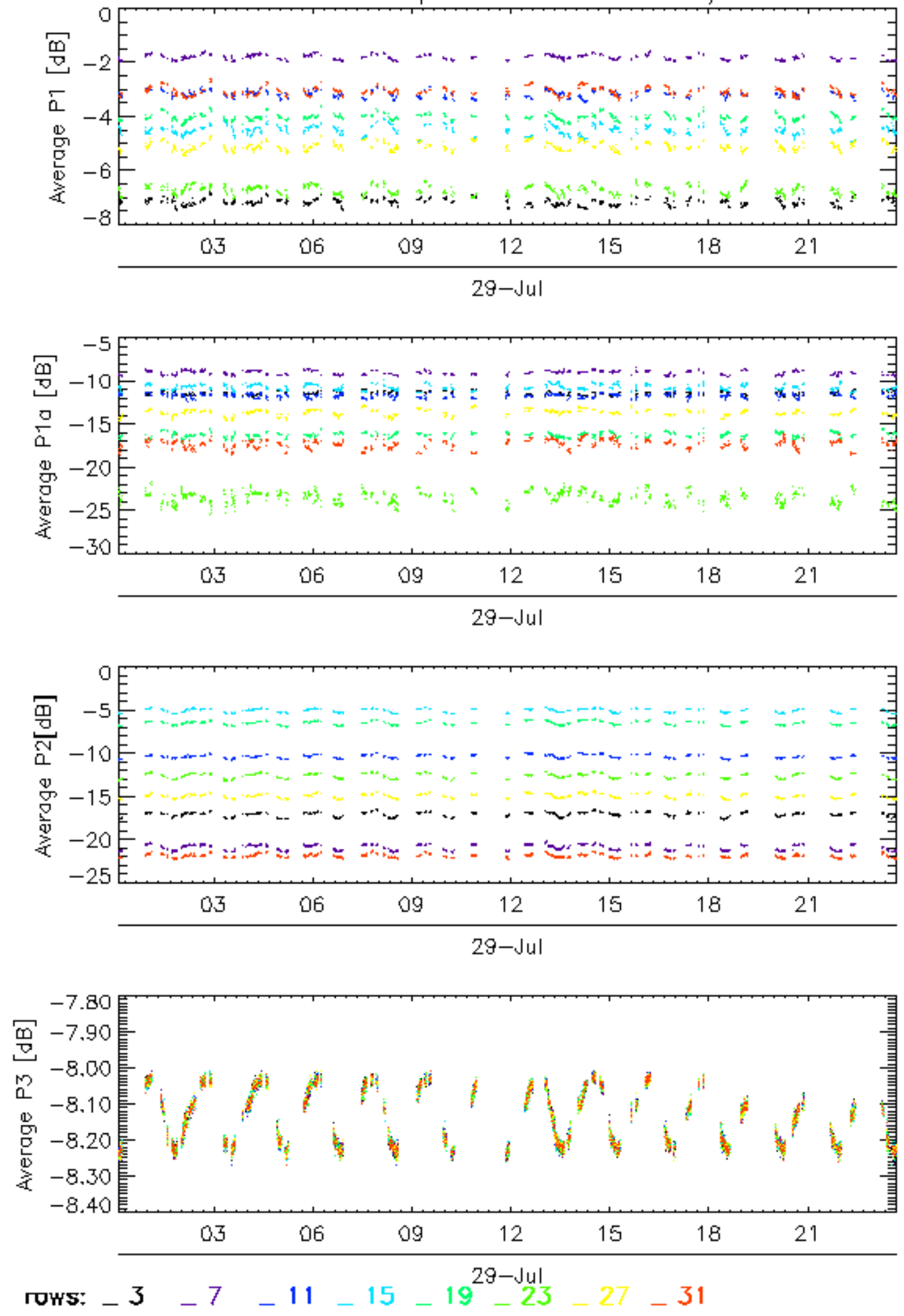
Calibration pulses for GM1 SS3 H/H



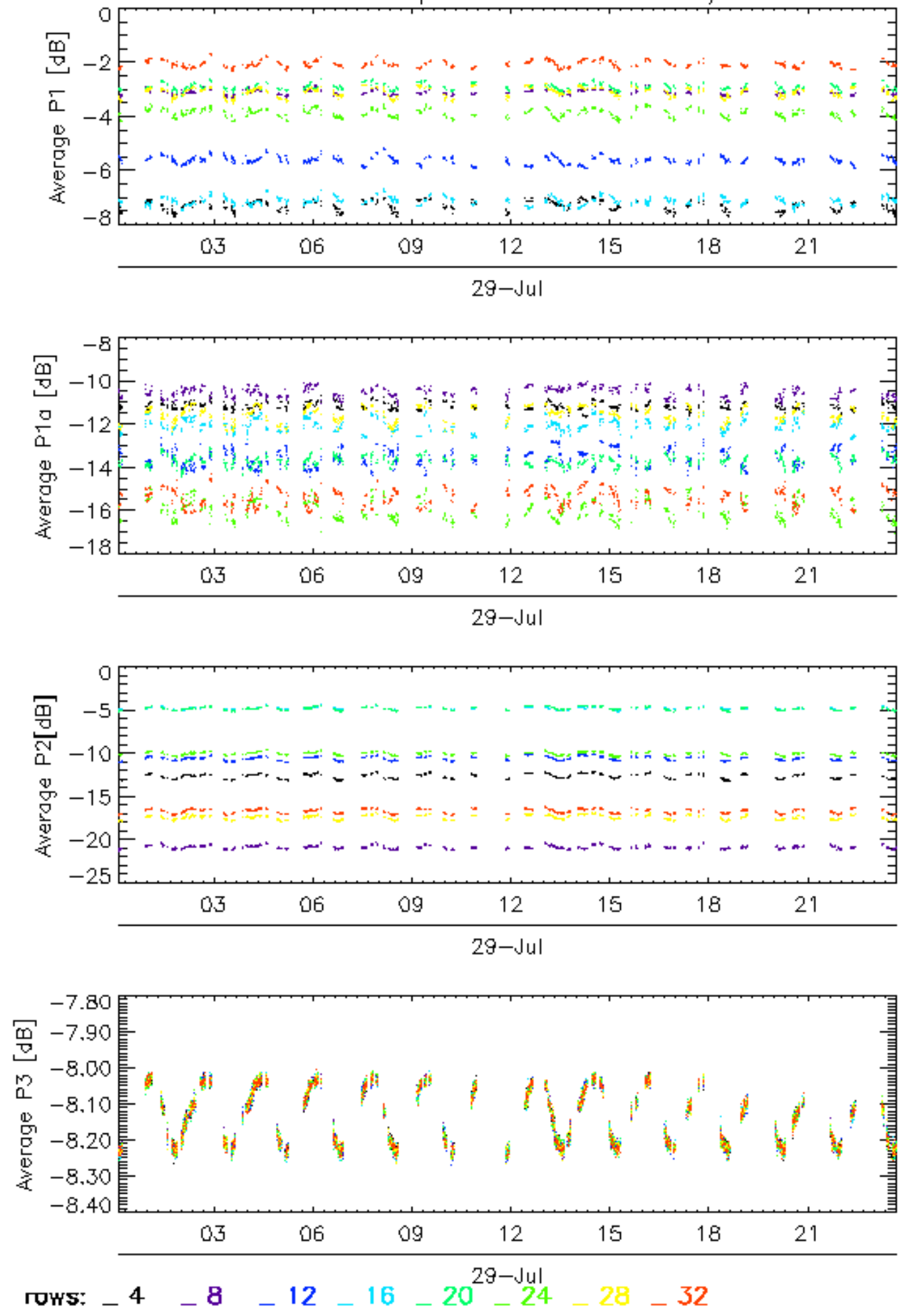
Calibration pulses for GM1 SS3 H/H



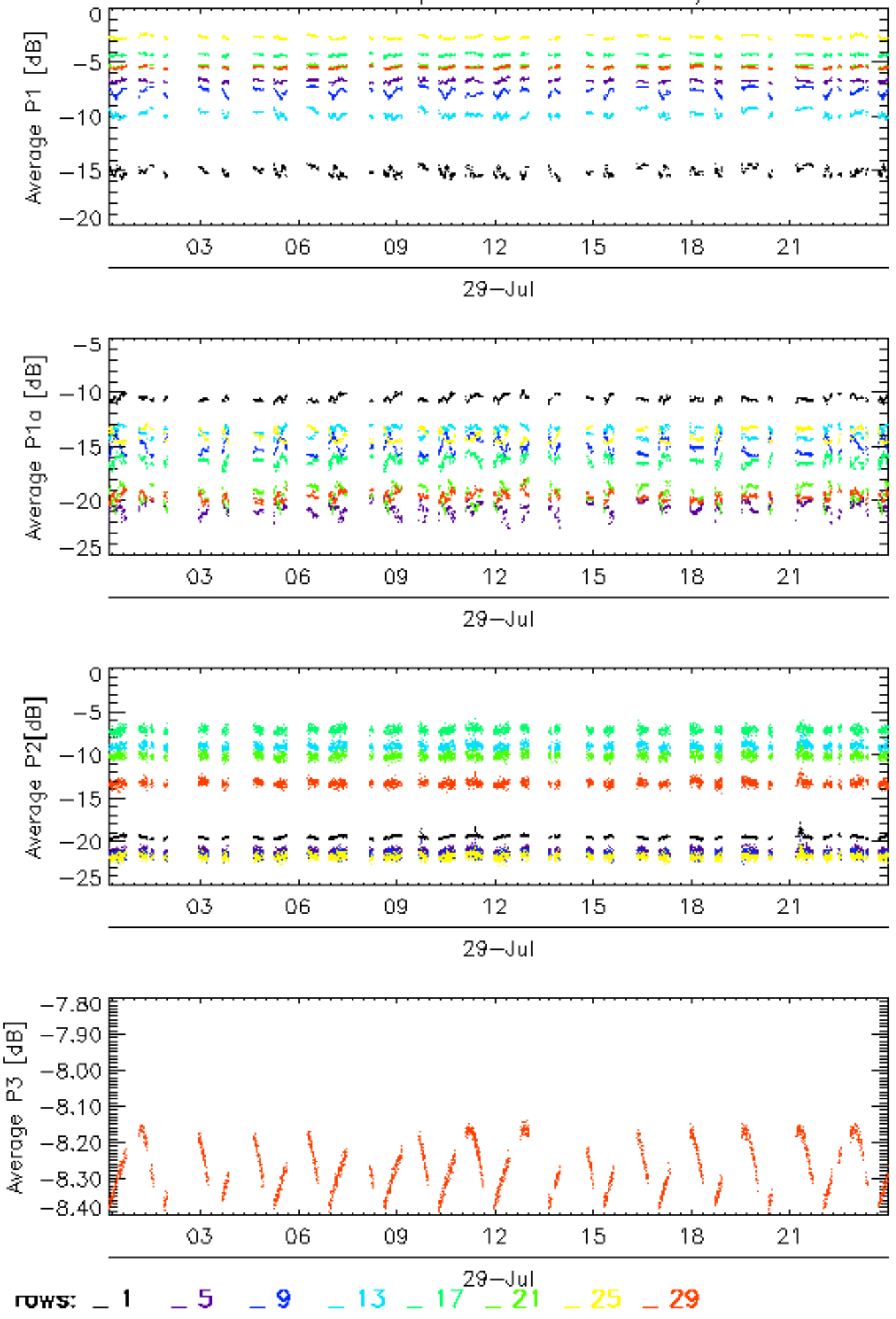
Calibration pulses for GM1 SS3 H/H



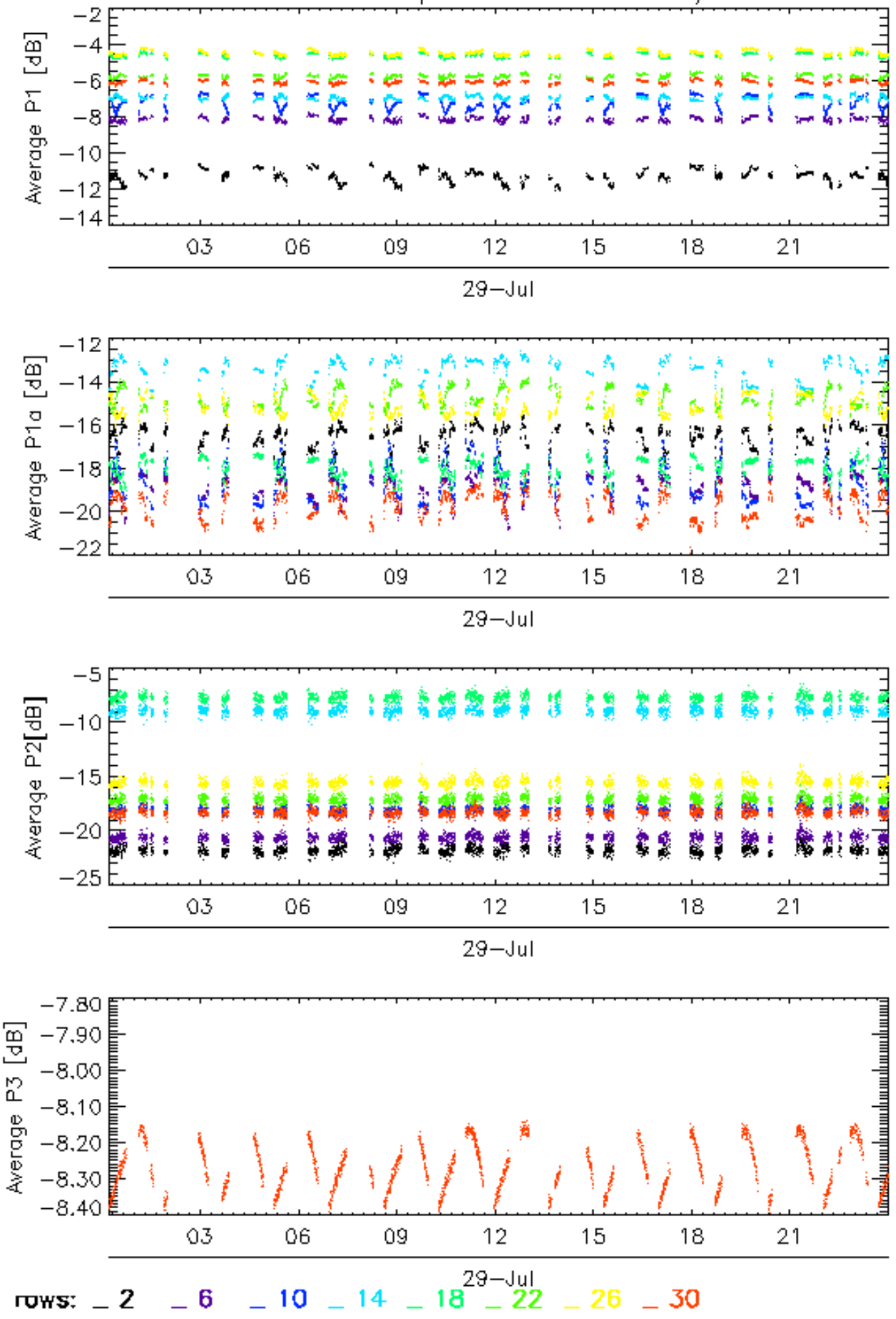
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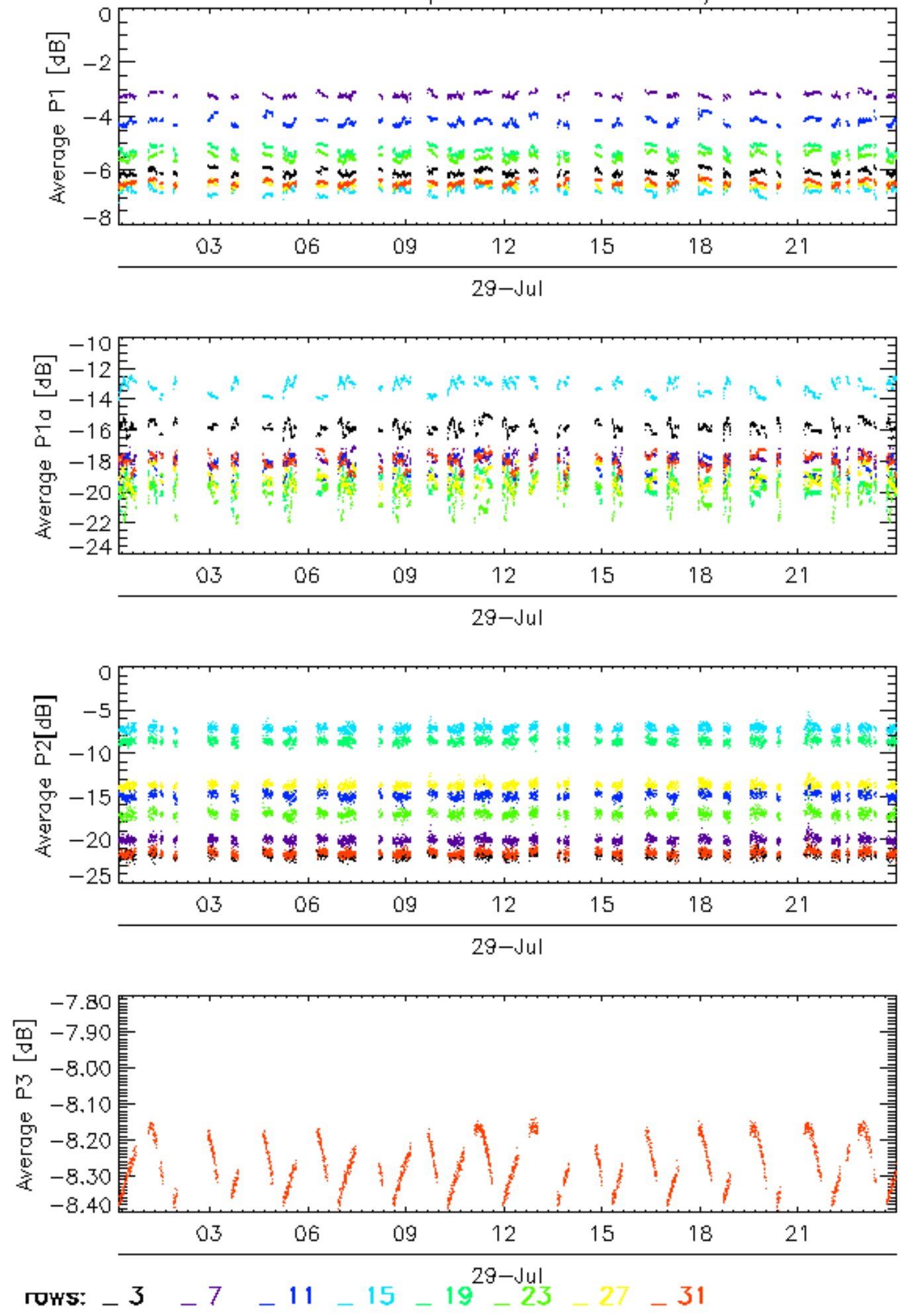
Calibration pulses for WVS IS2 V/V



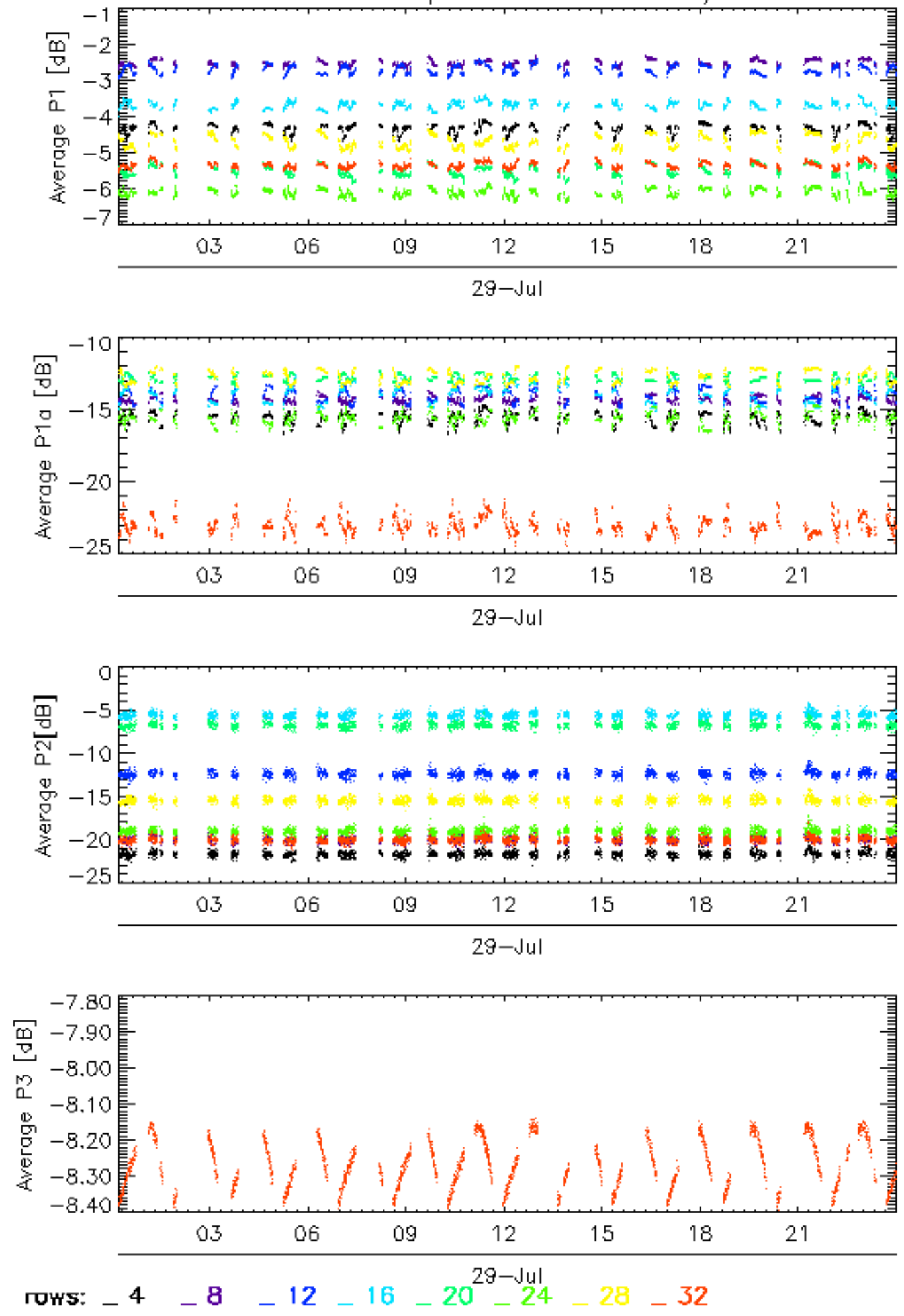
Calibration pulses for WVS IS2 V/V

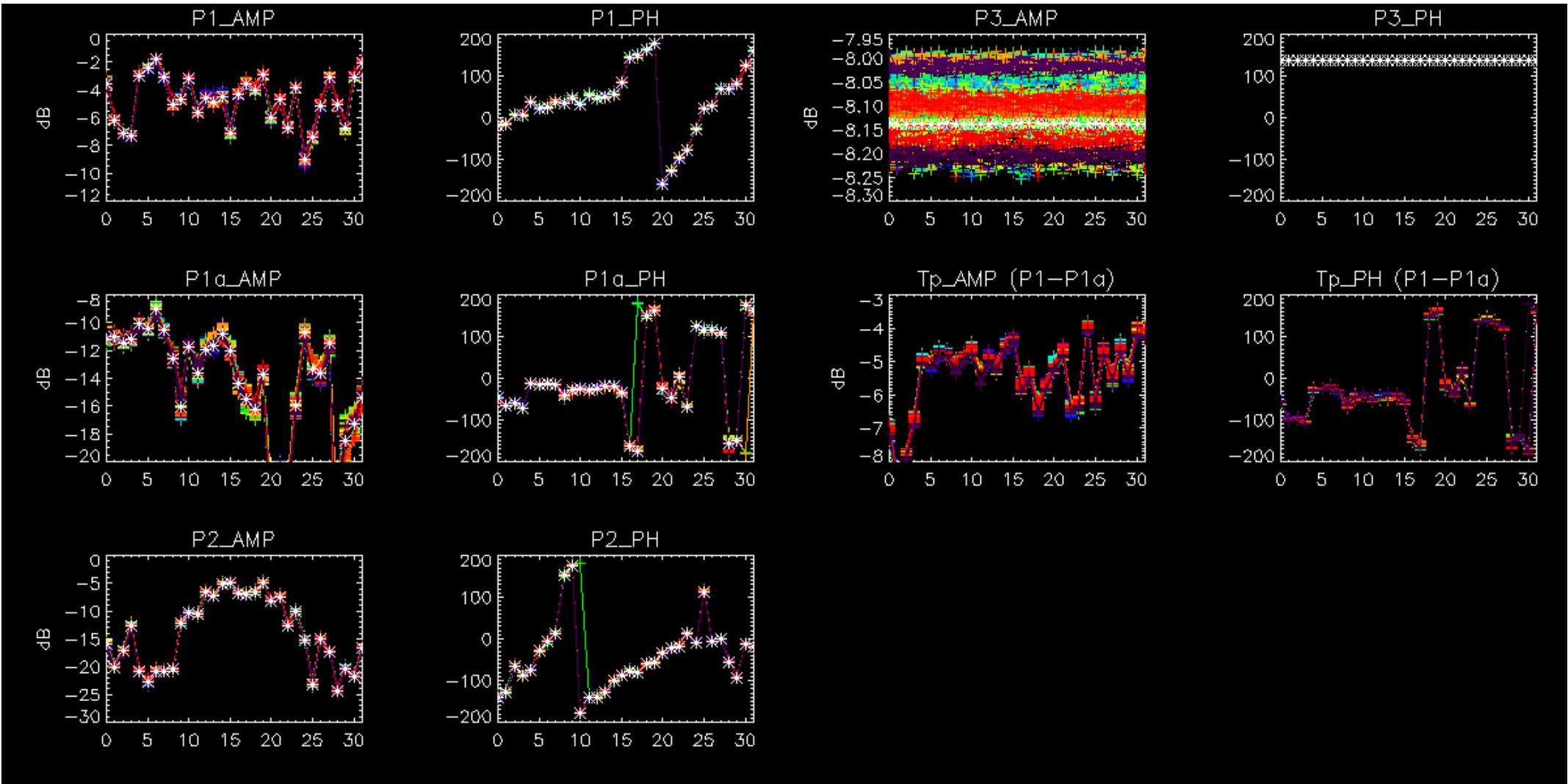


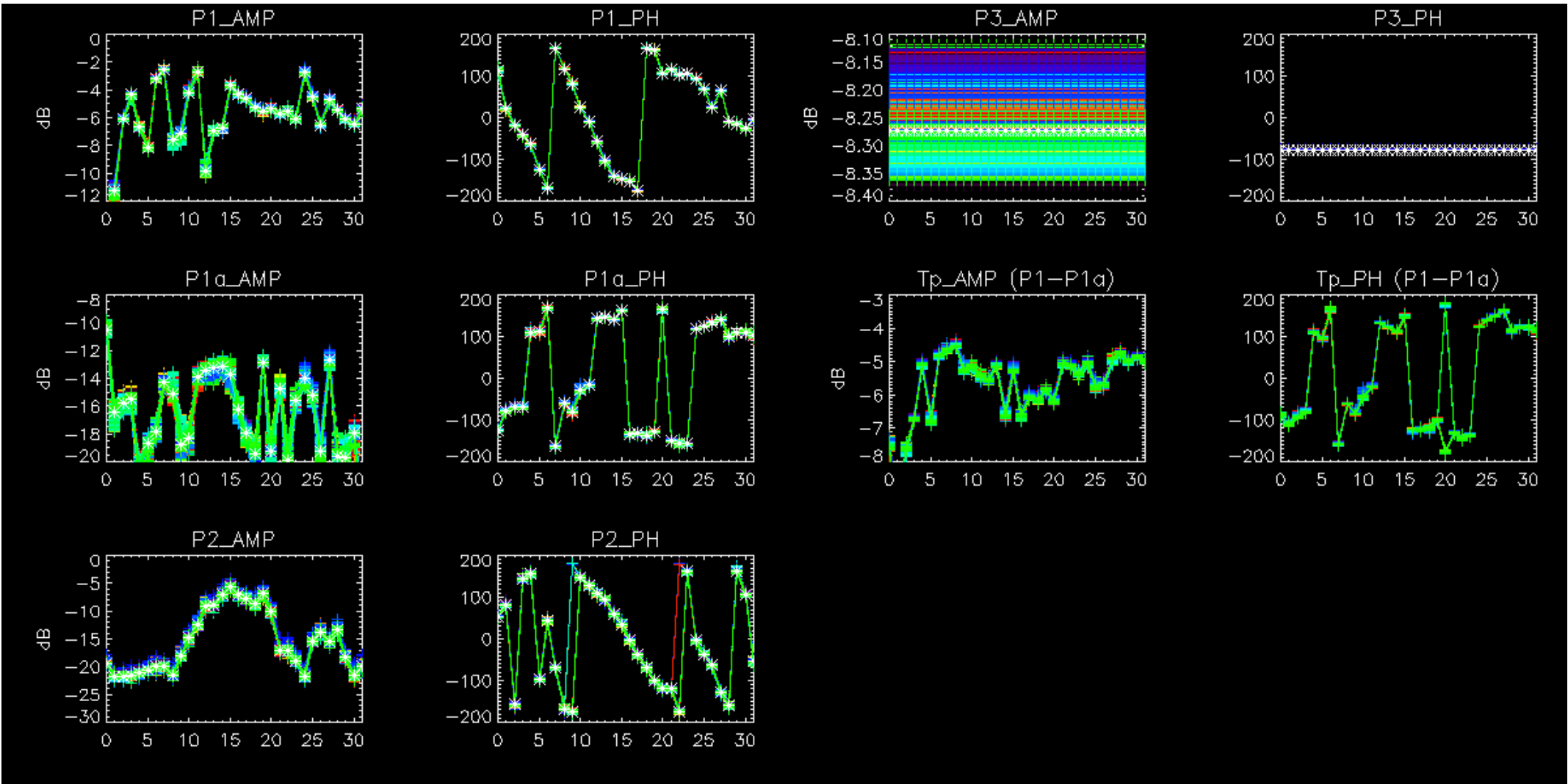
Calibration pulses for WVS IS2 V/V

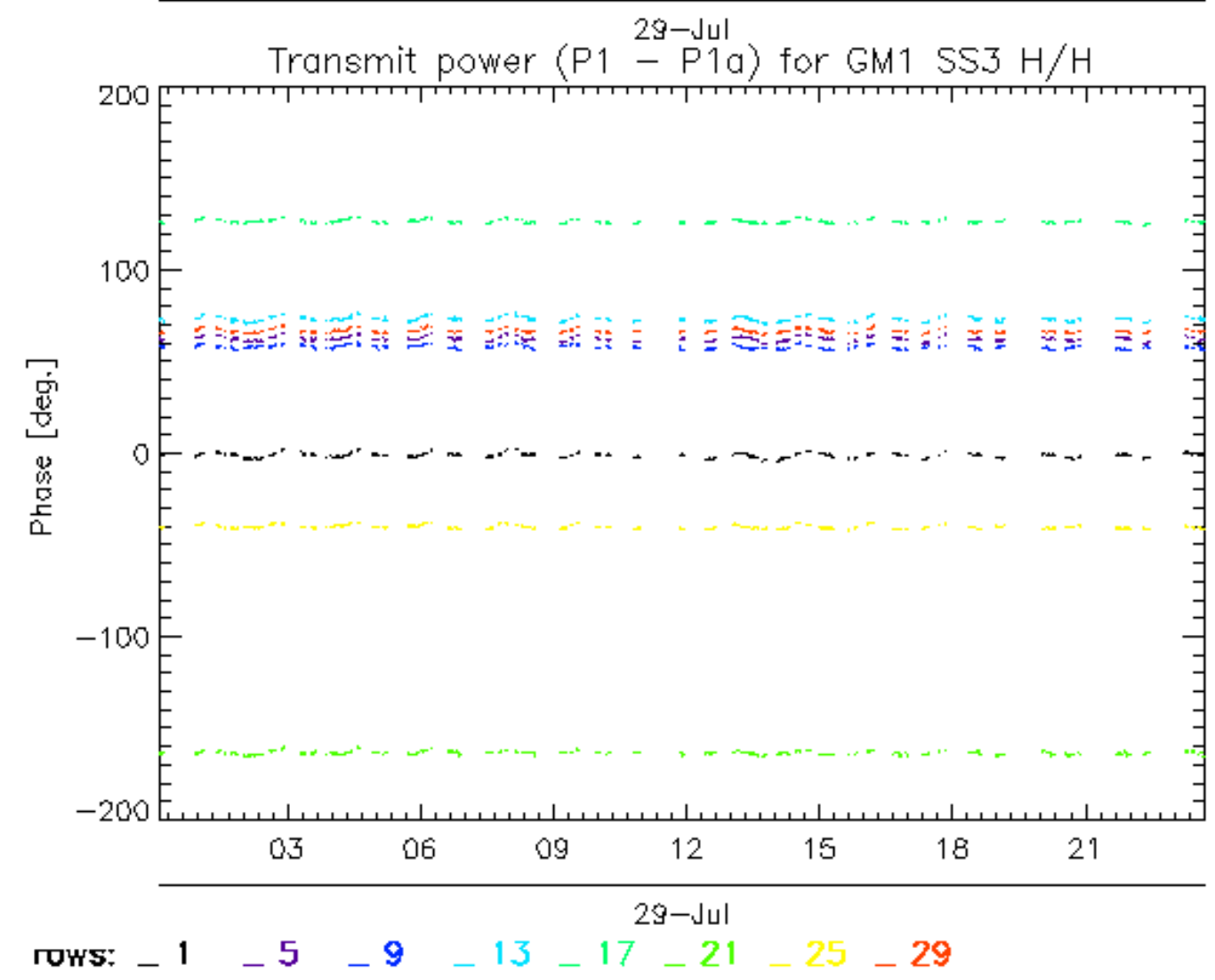
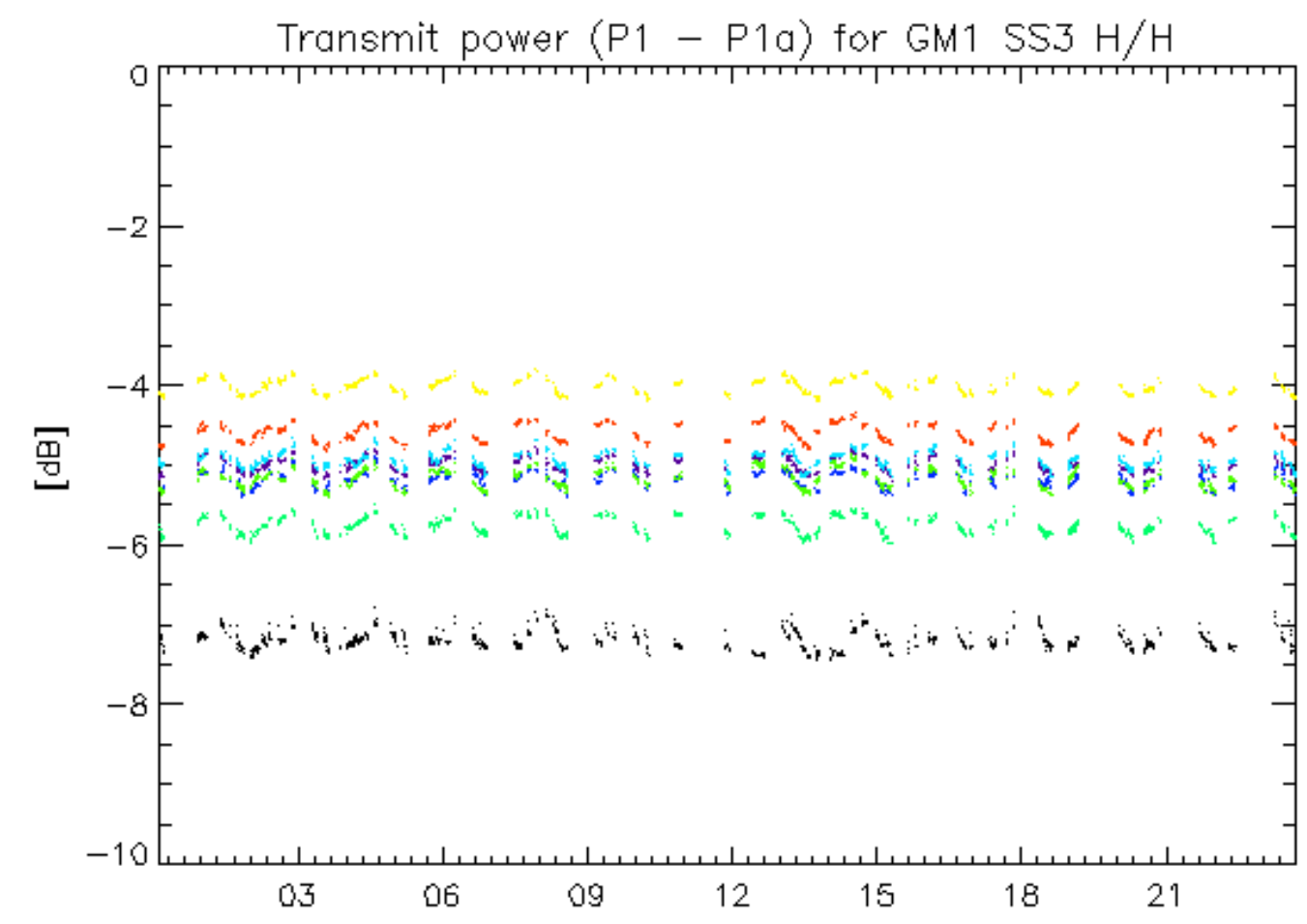


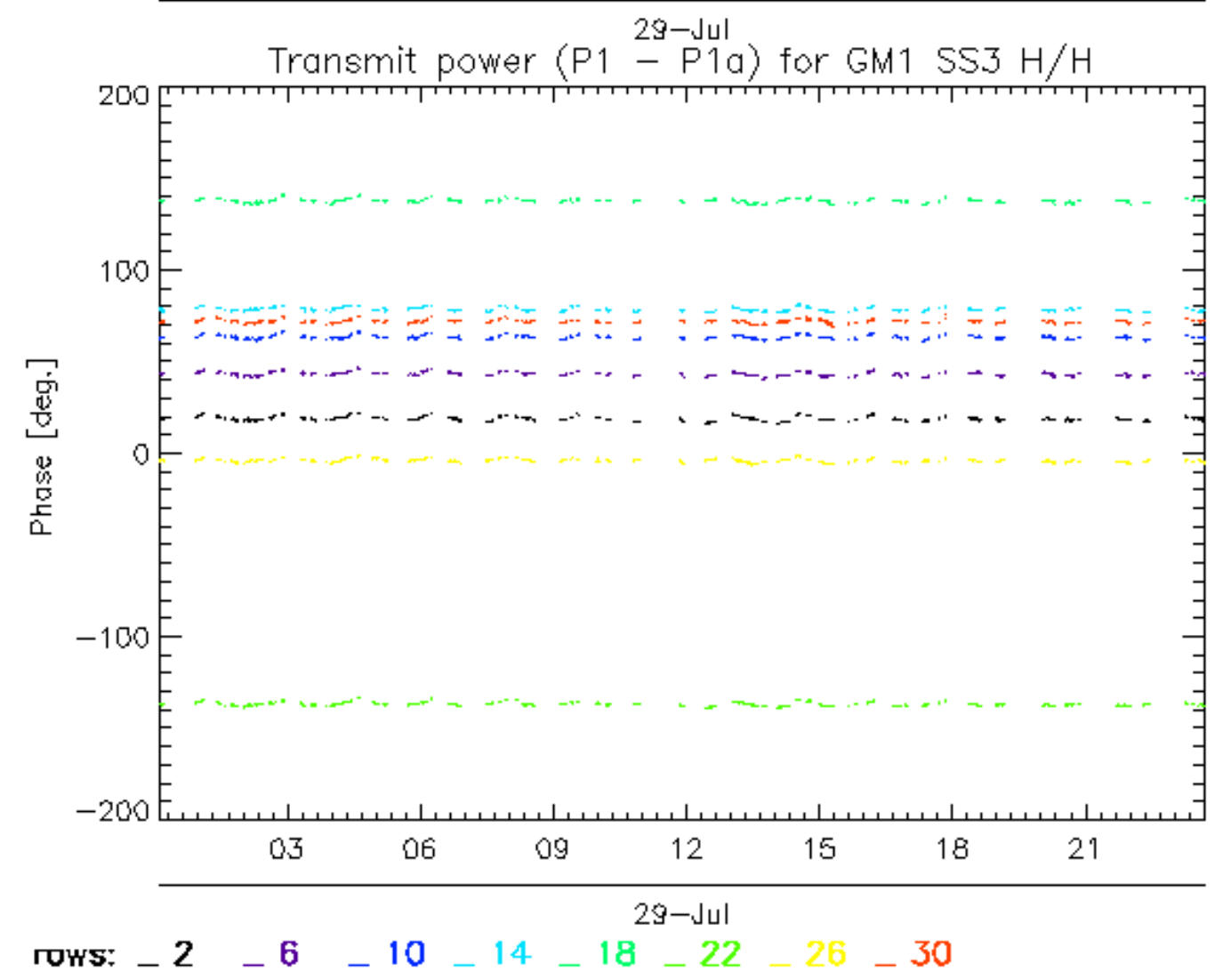
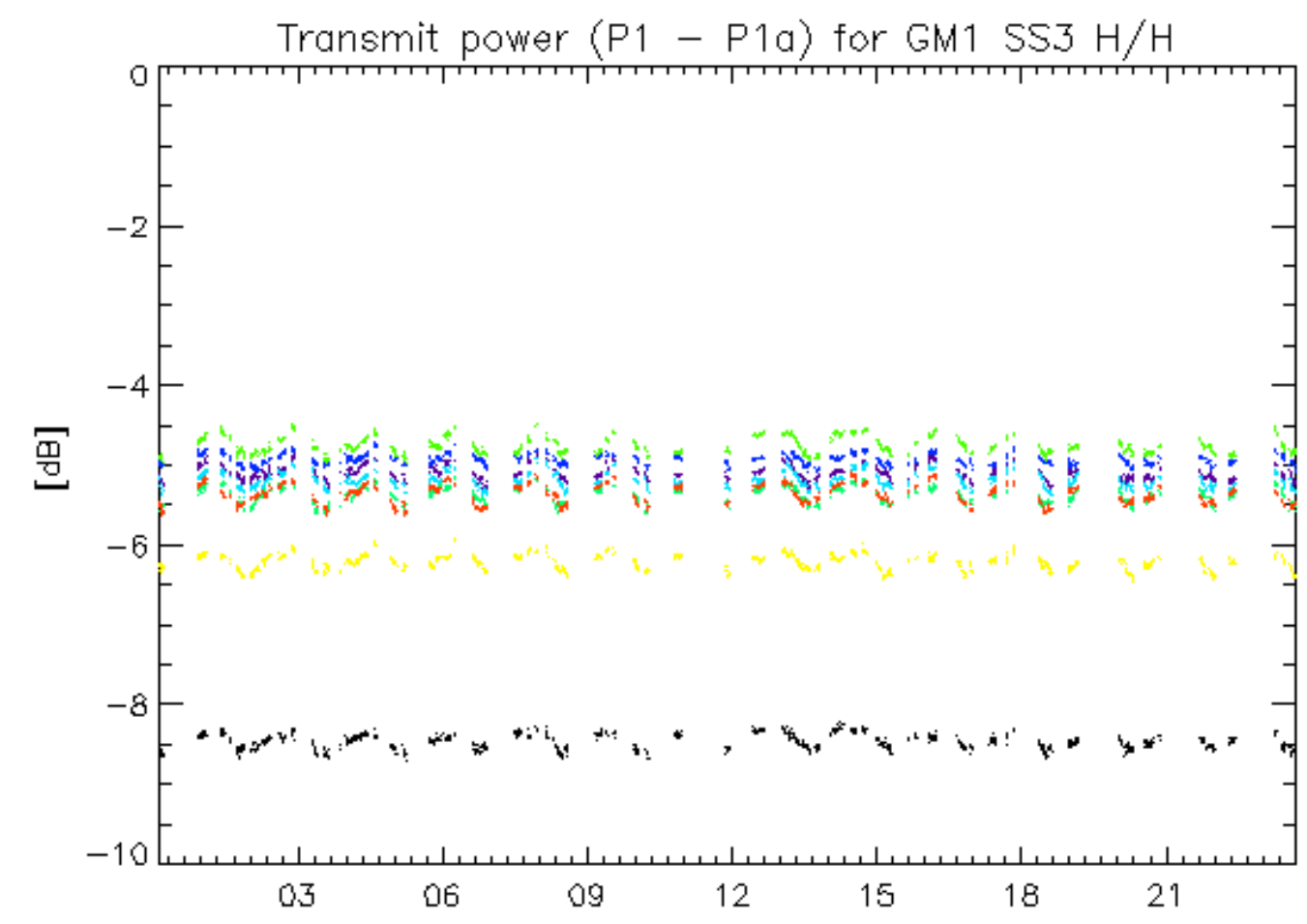
Calibration pulses for WVS IS2 V/V

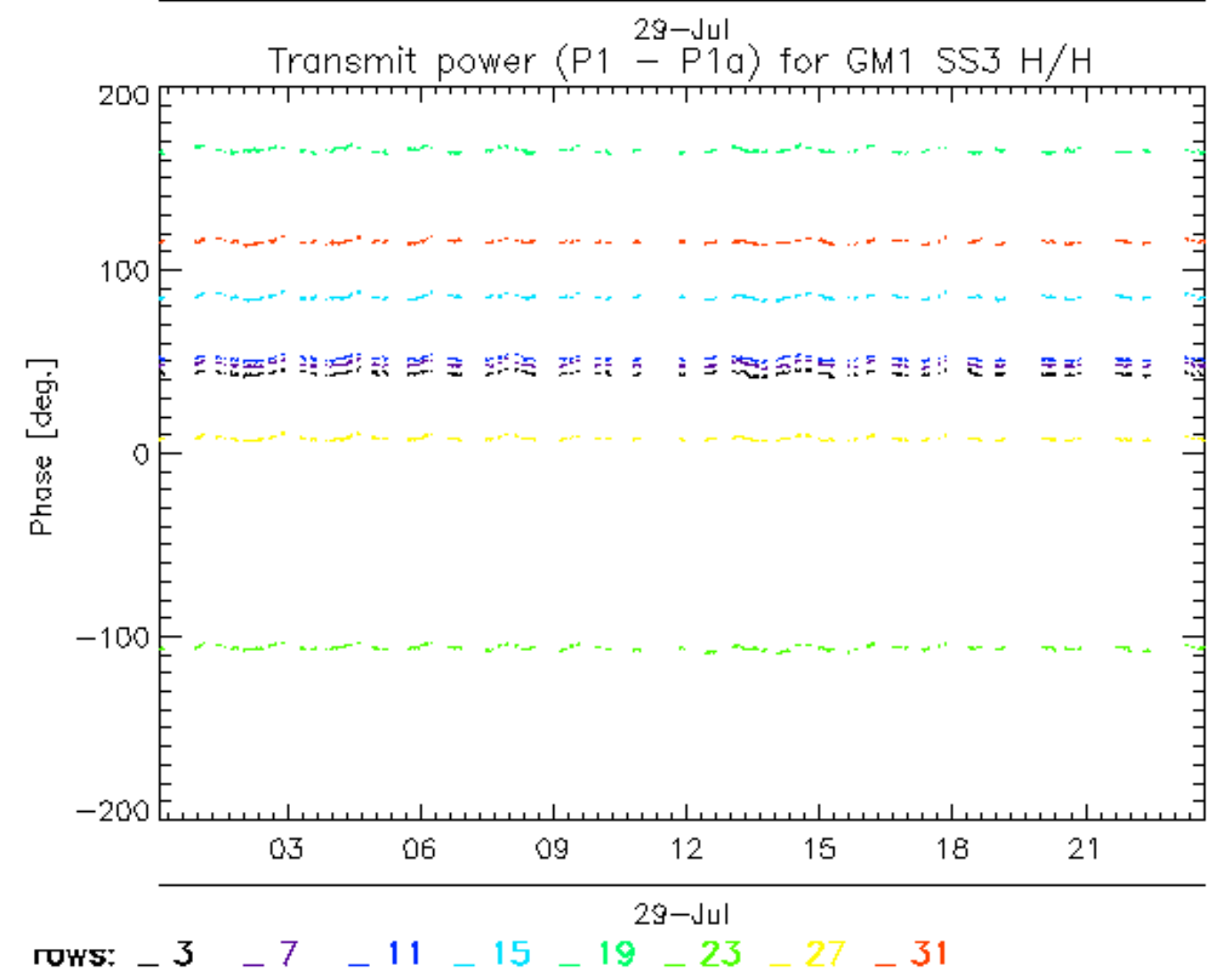
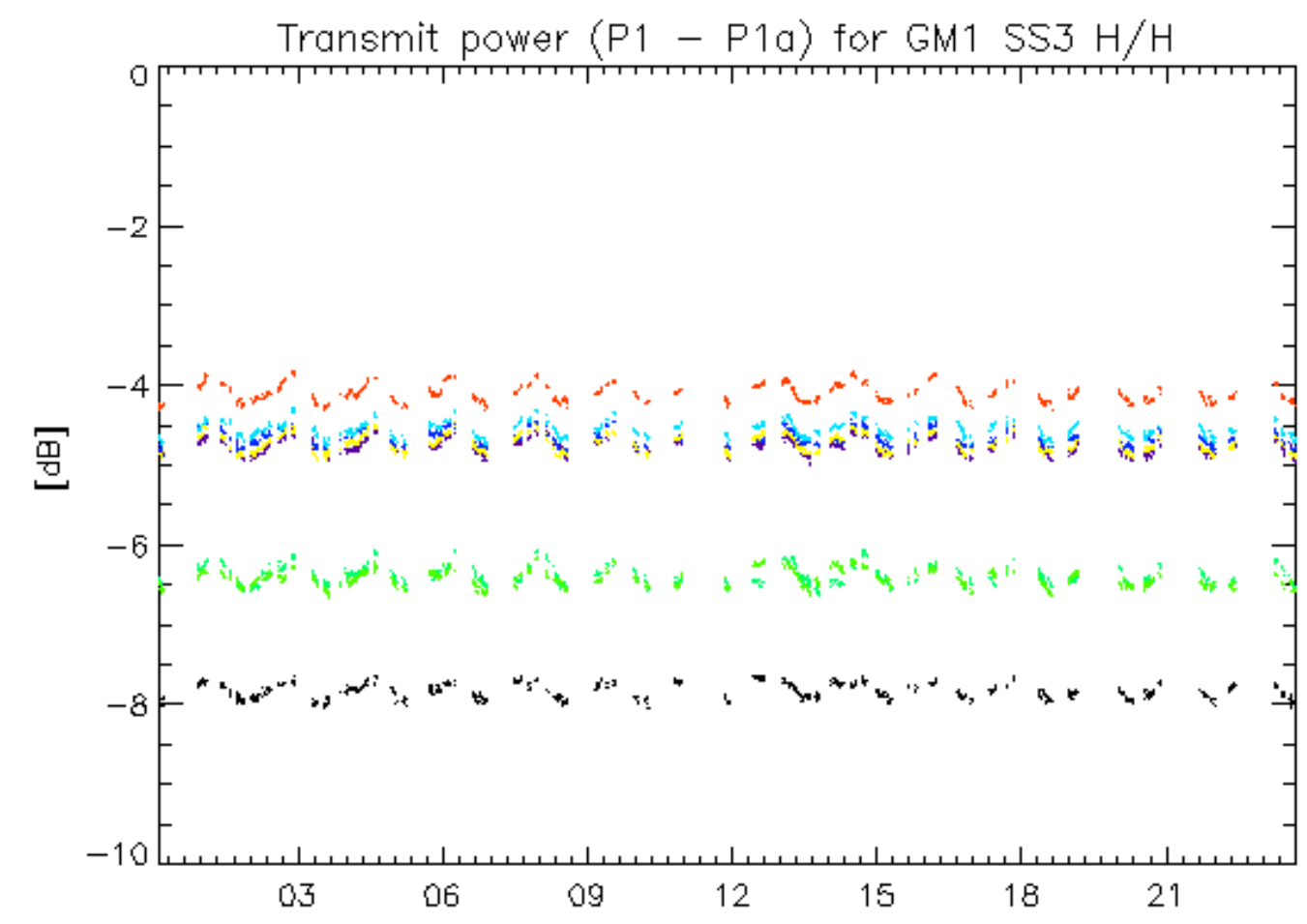


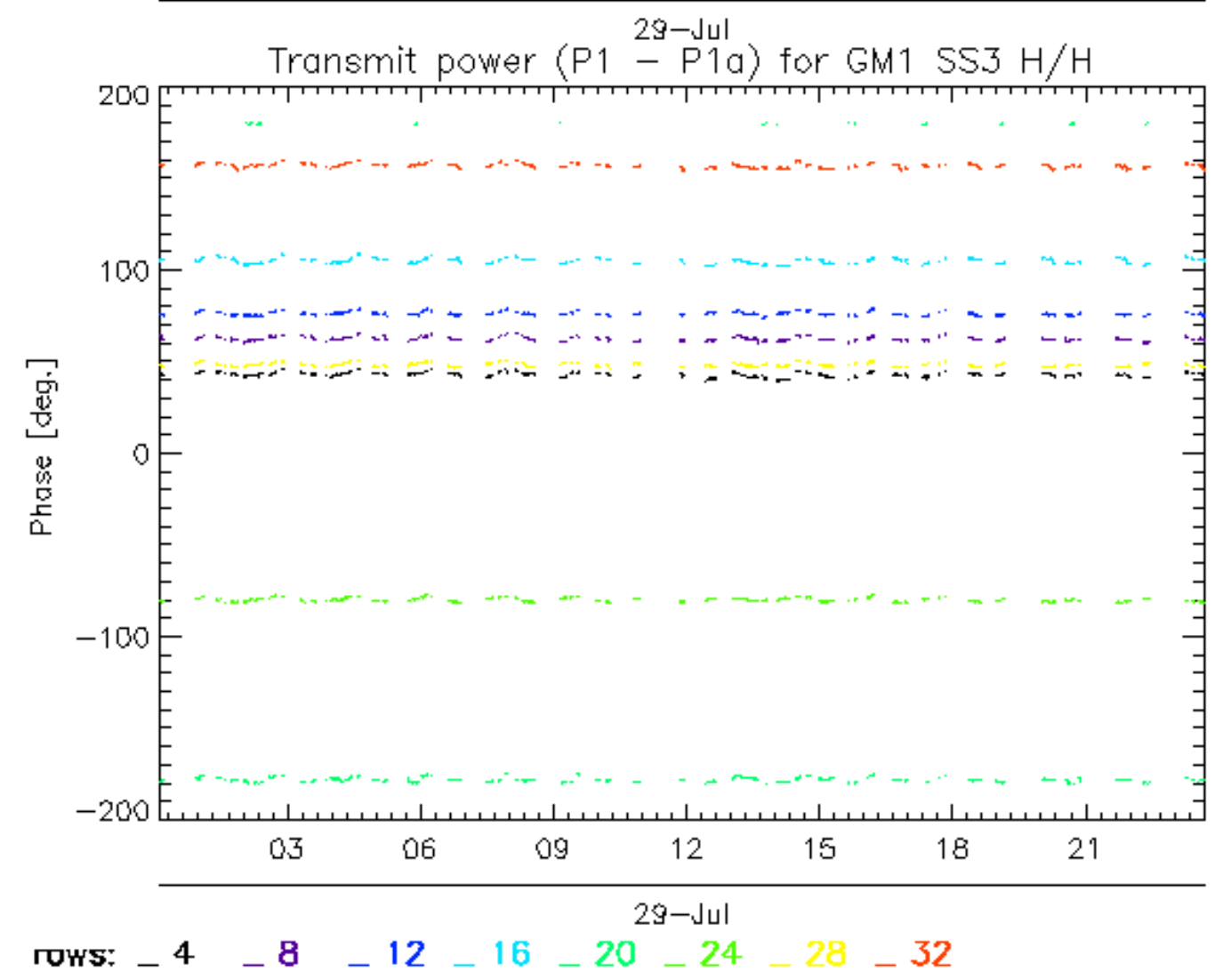
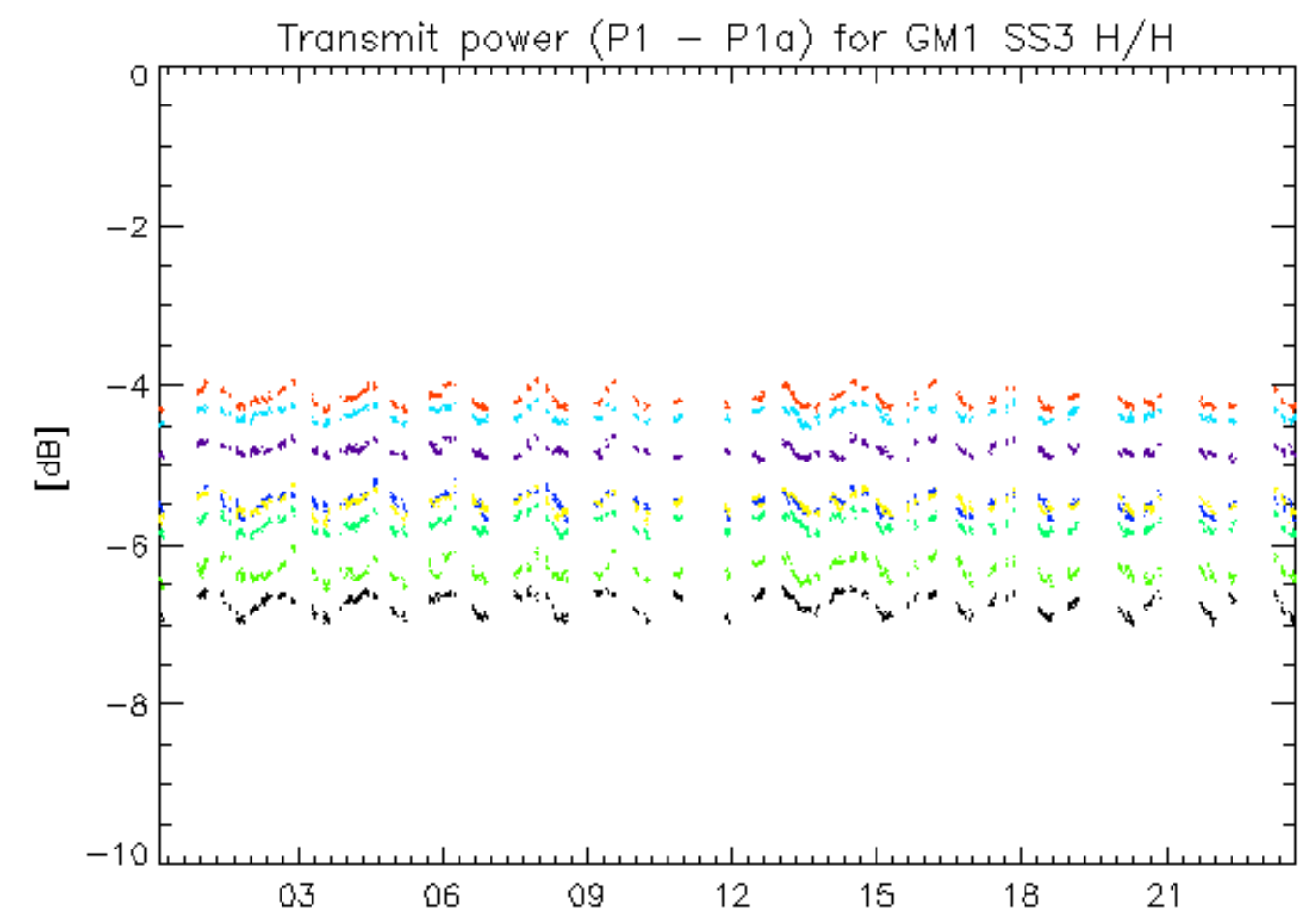


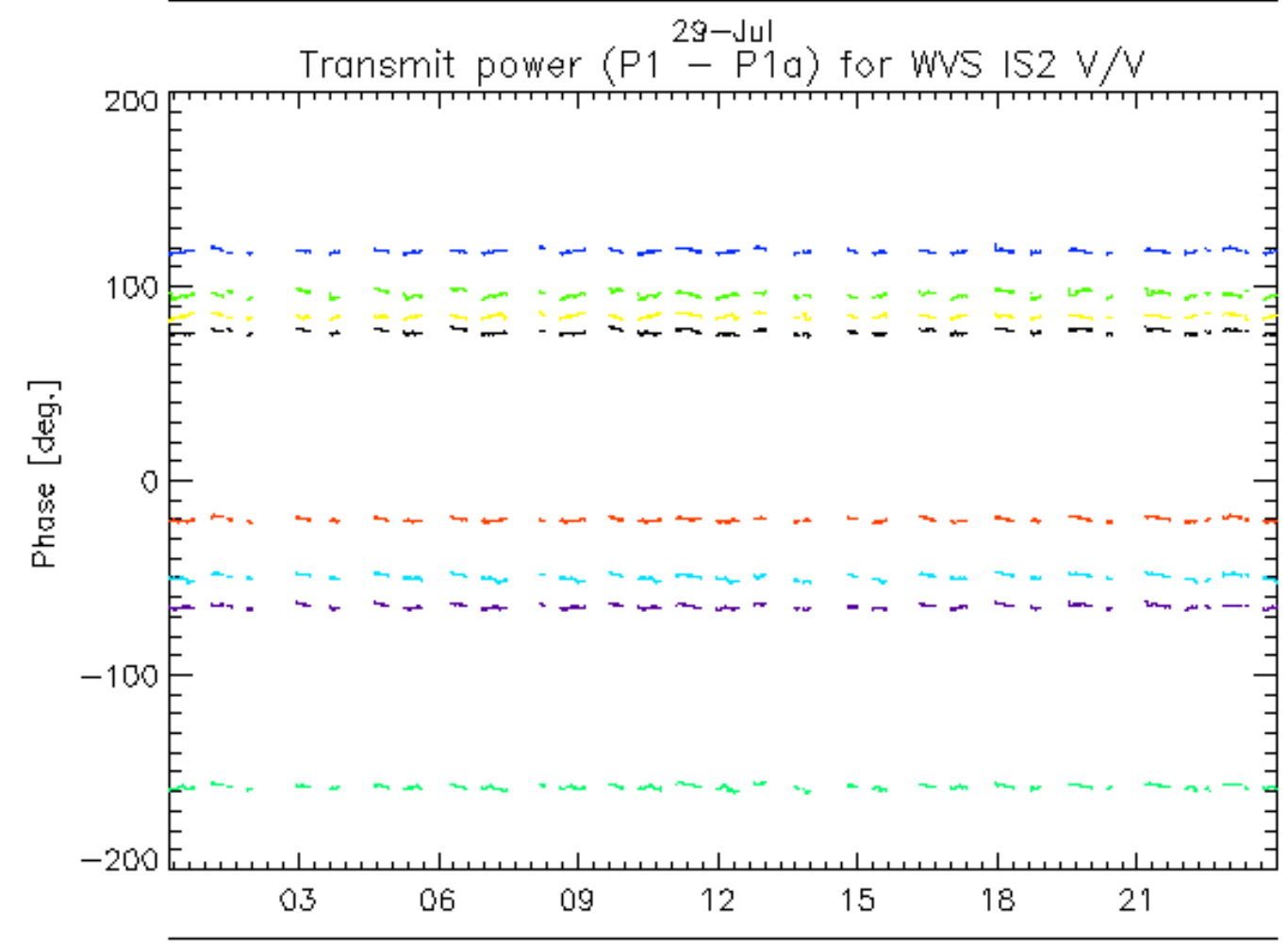
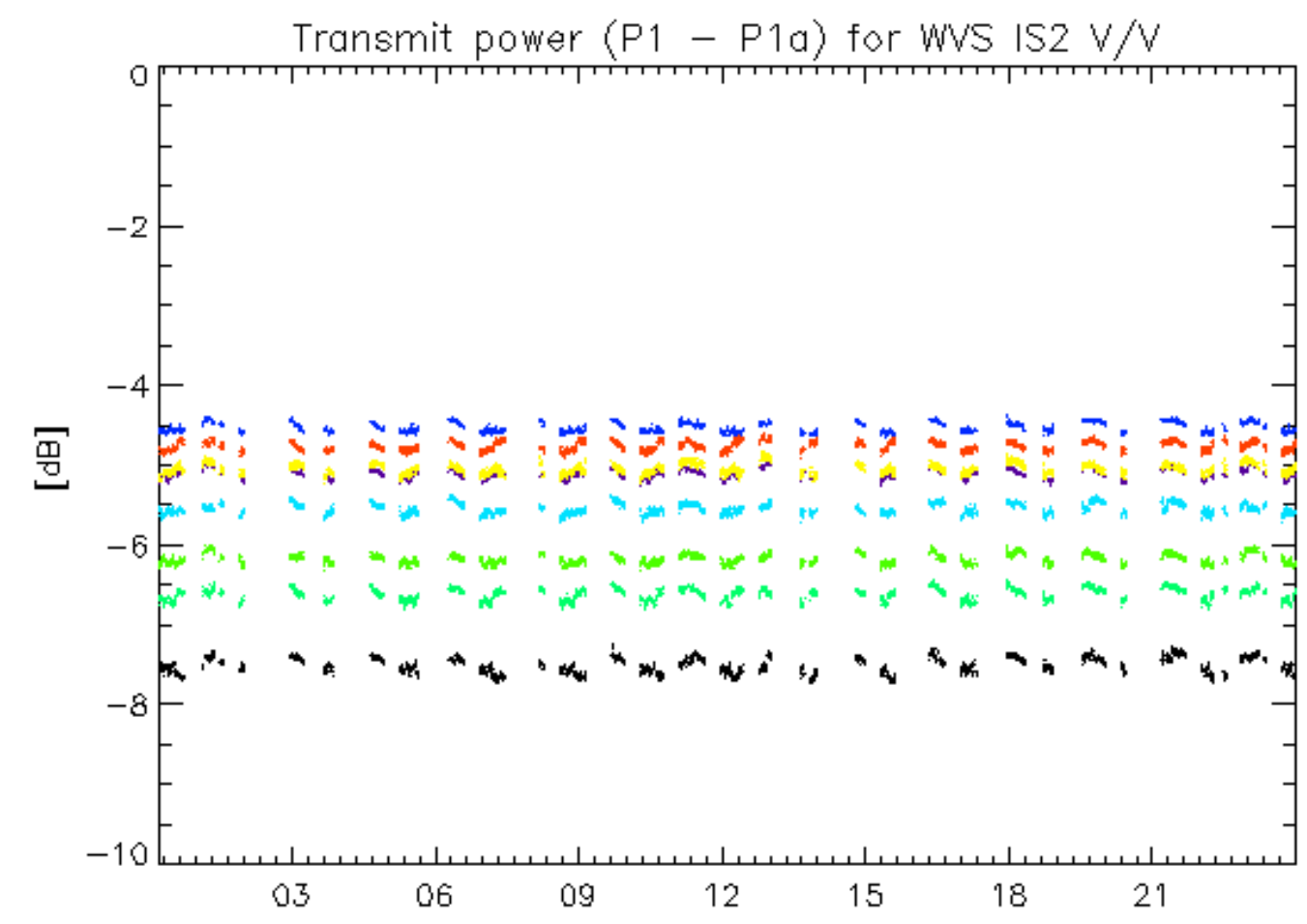




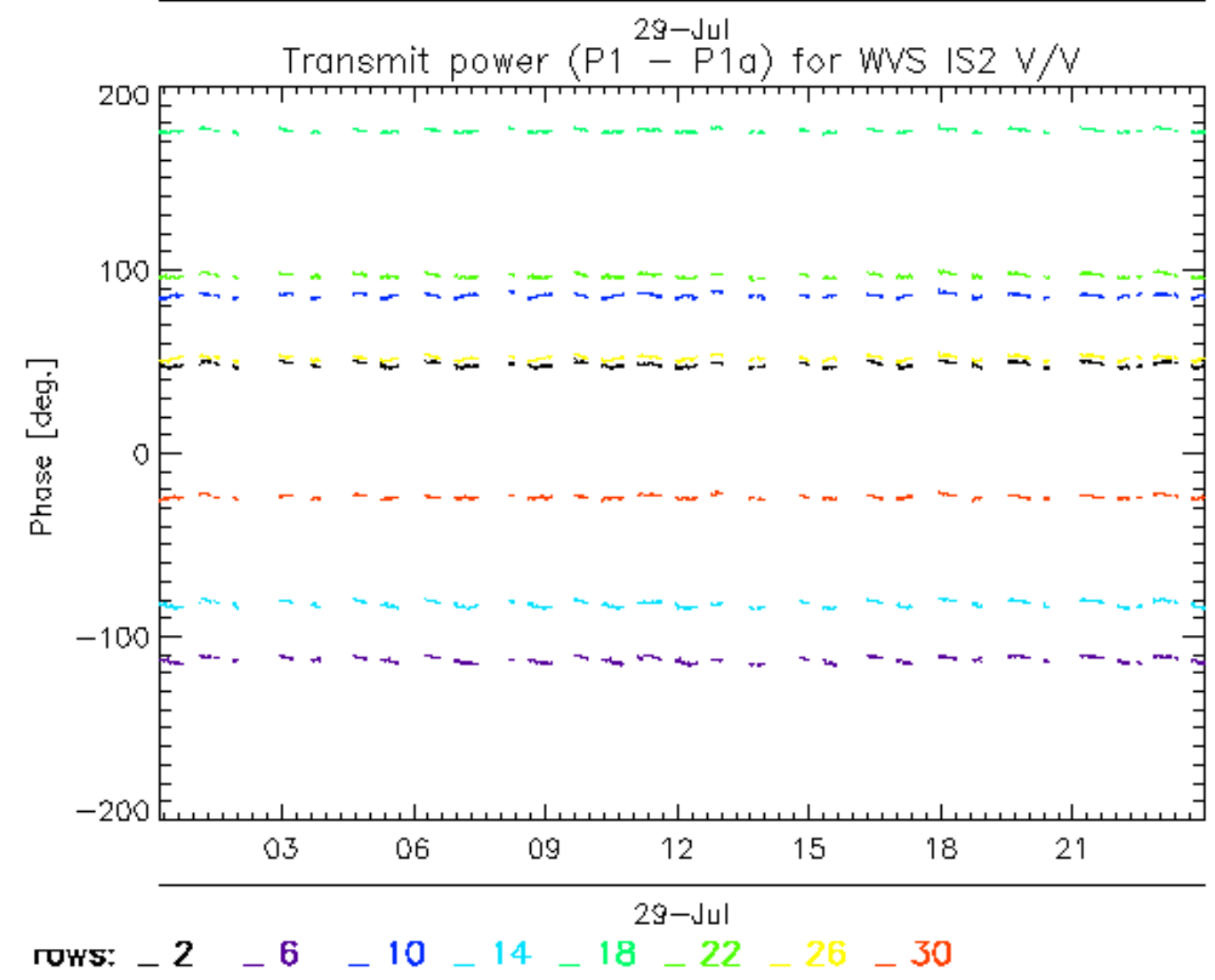
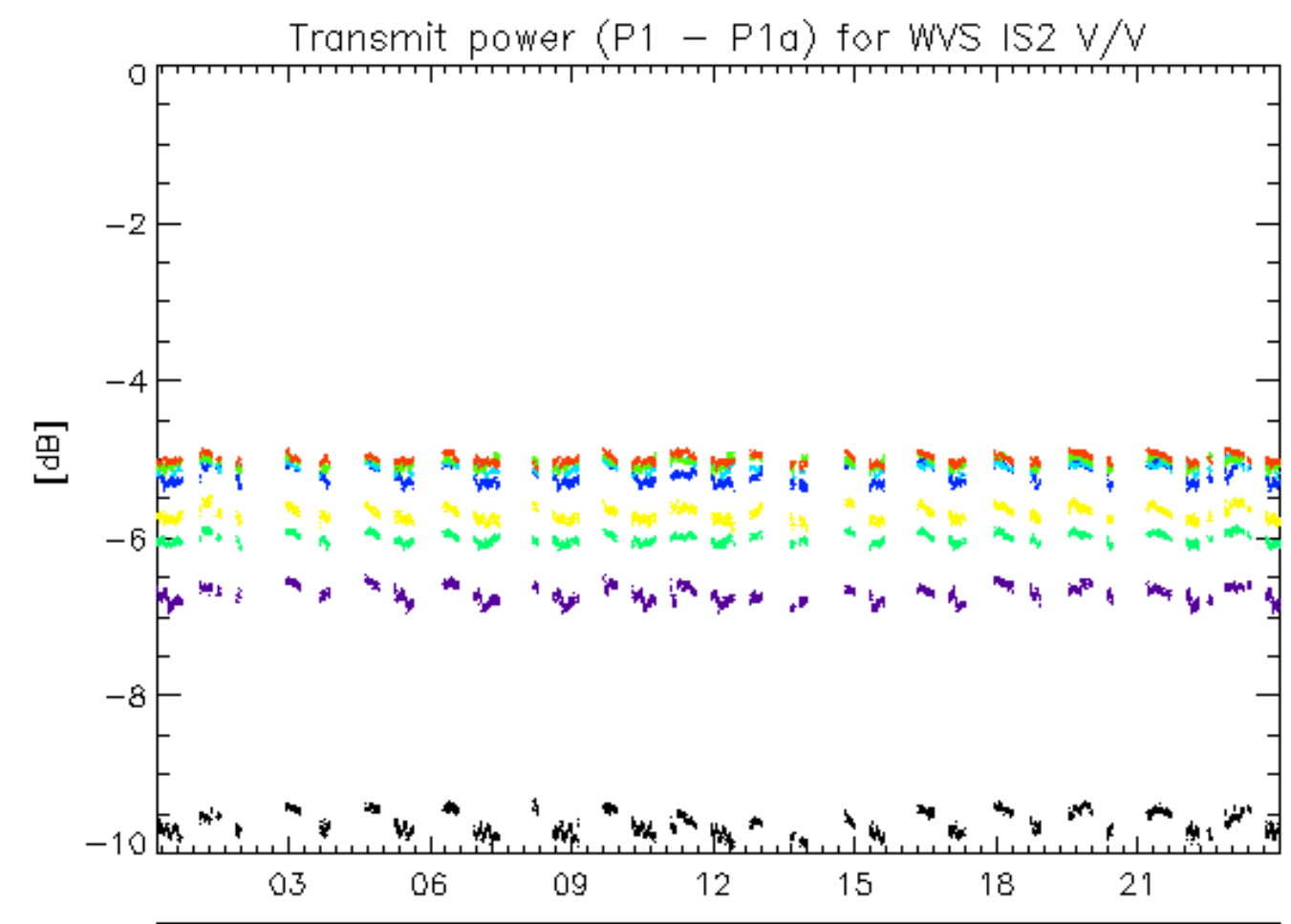


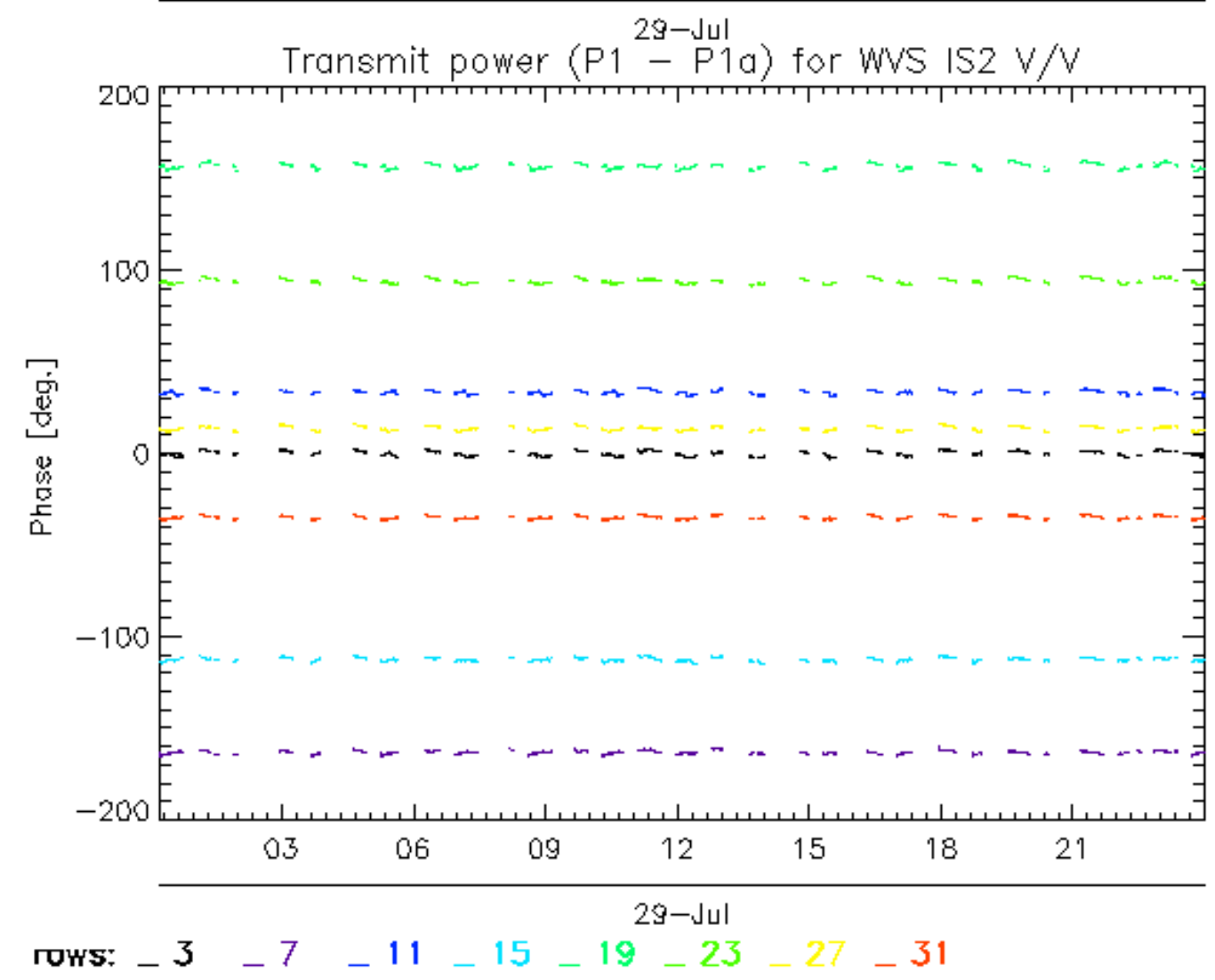
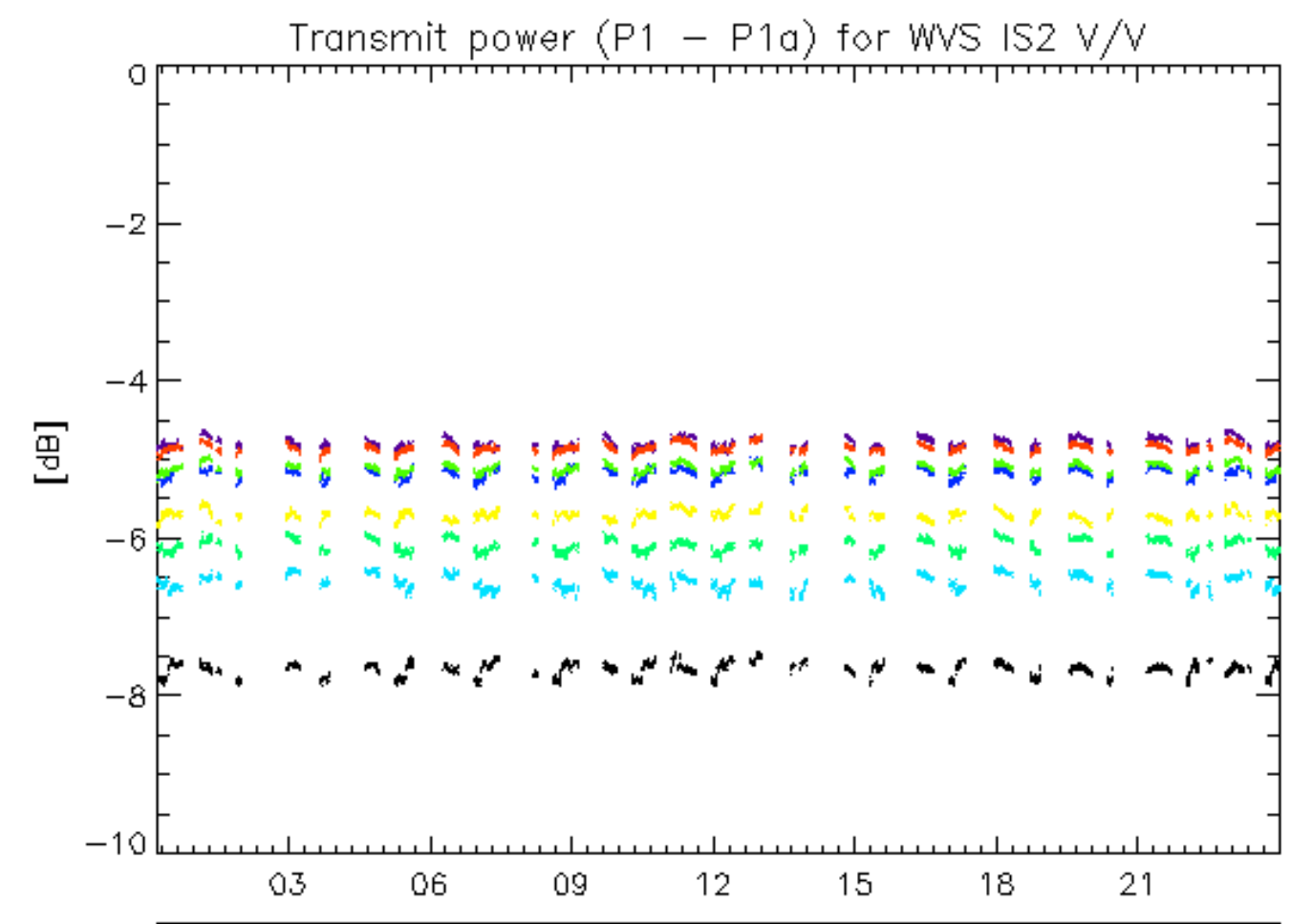


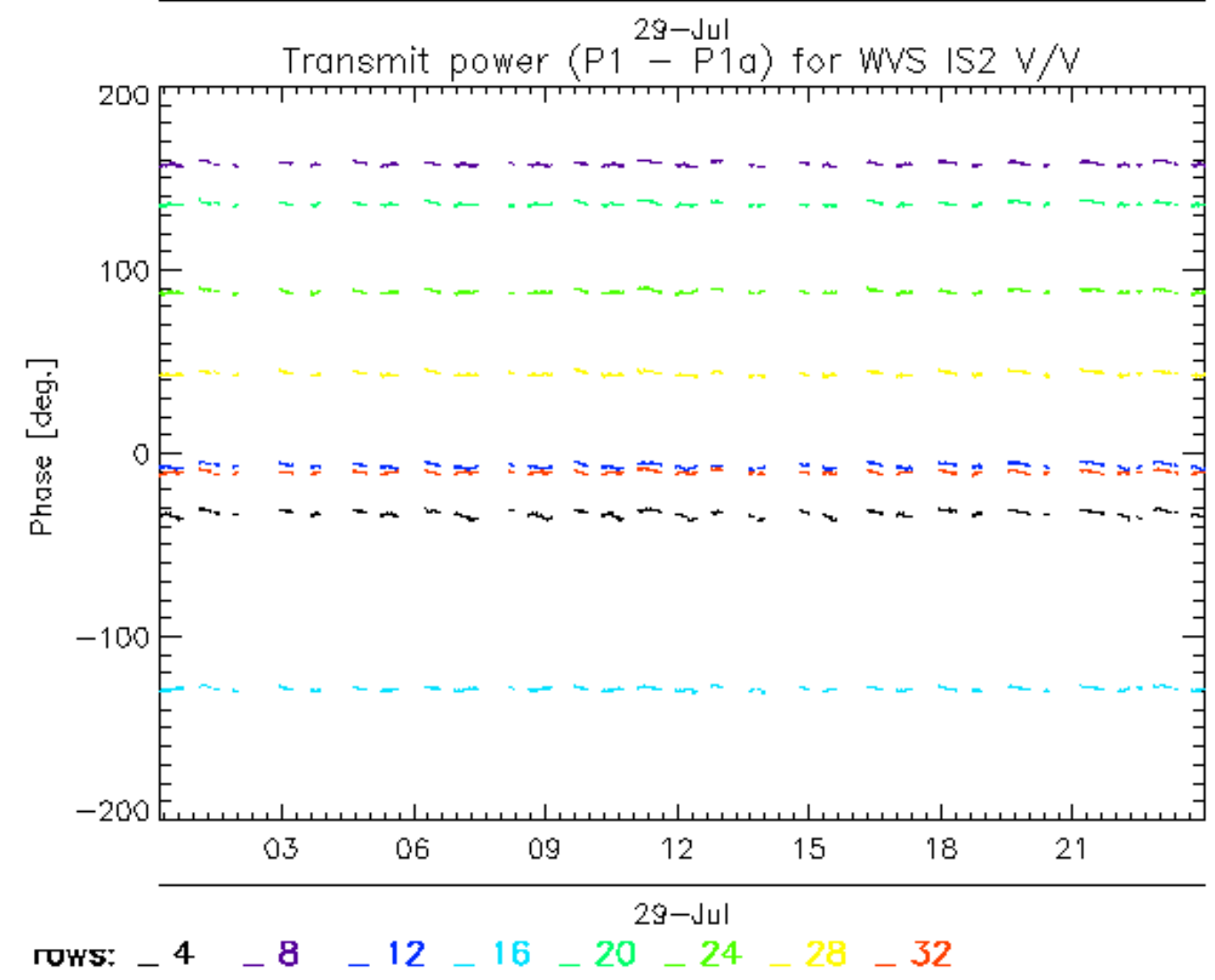
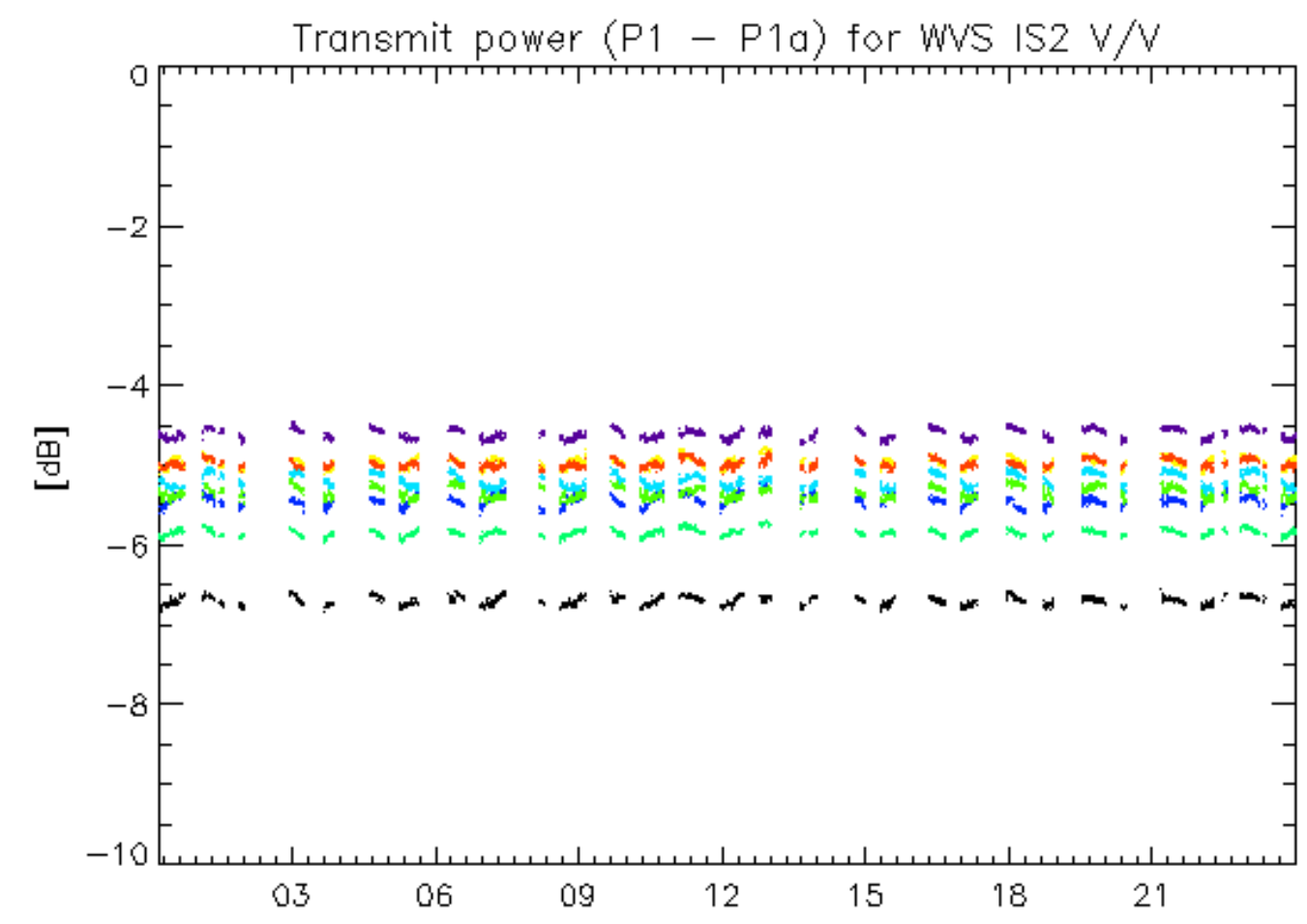


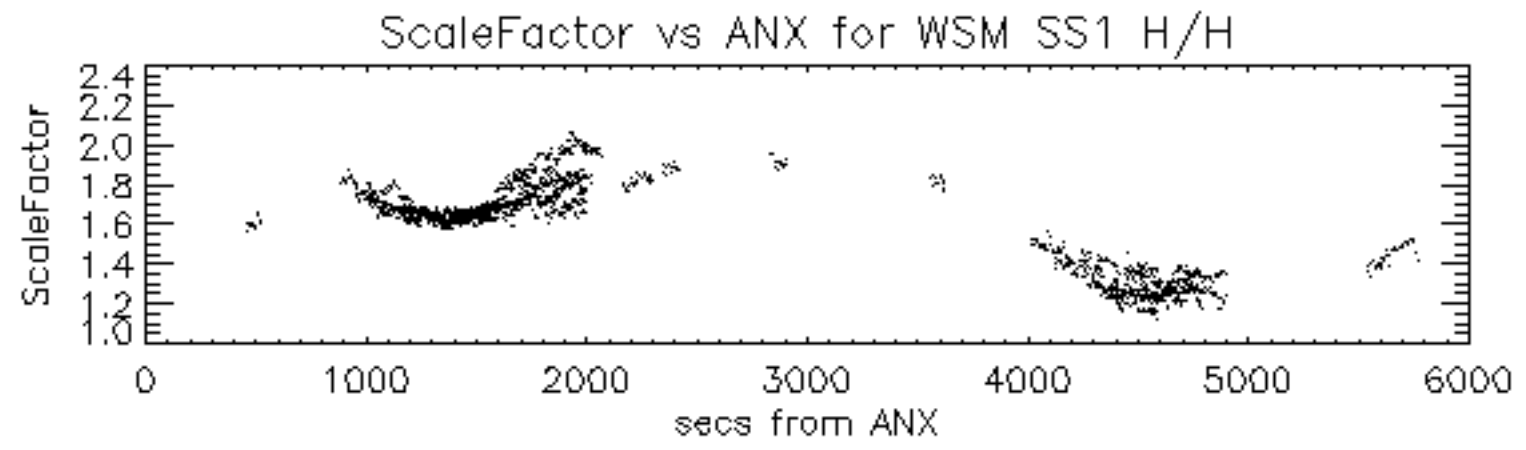


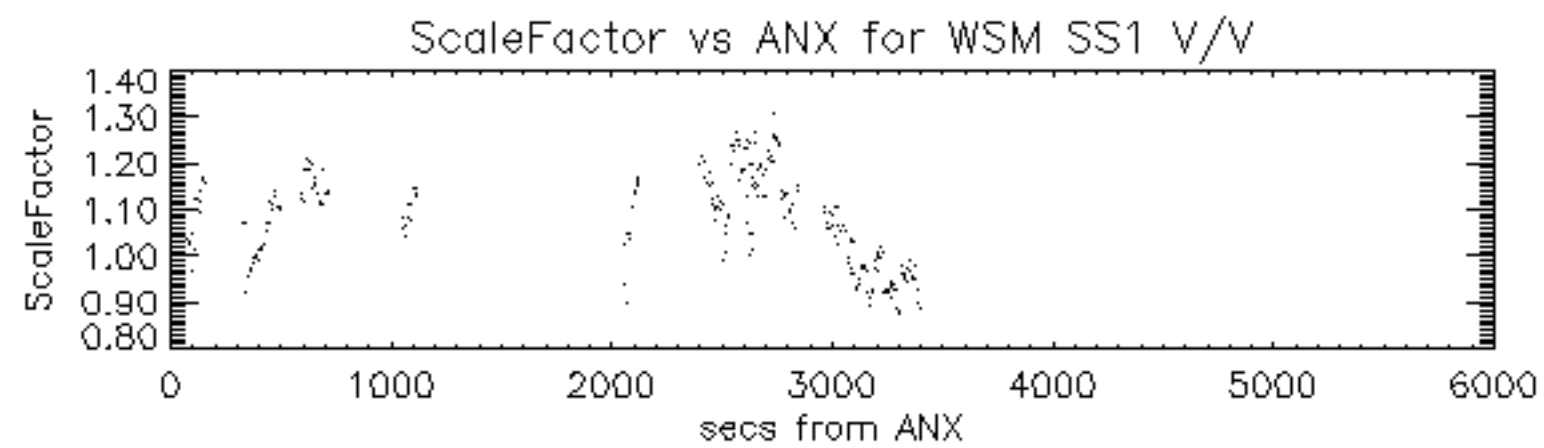
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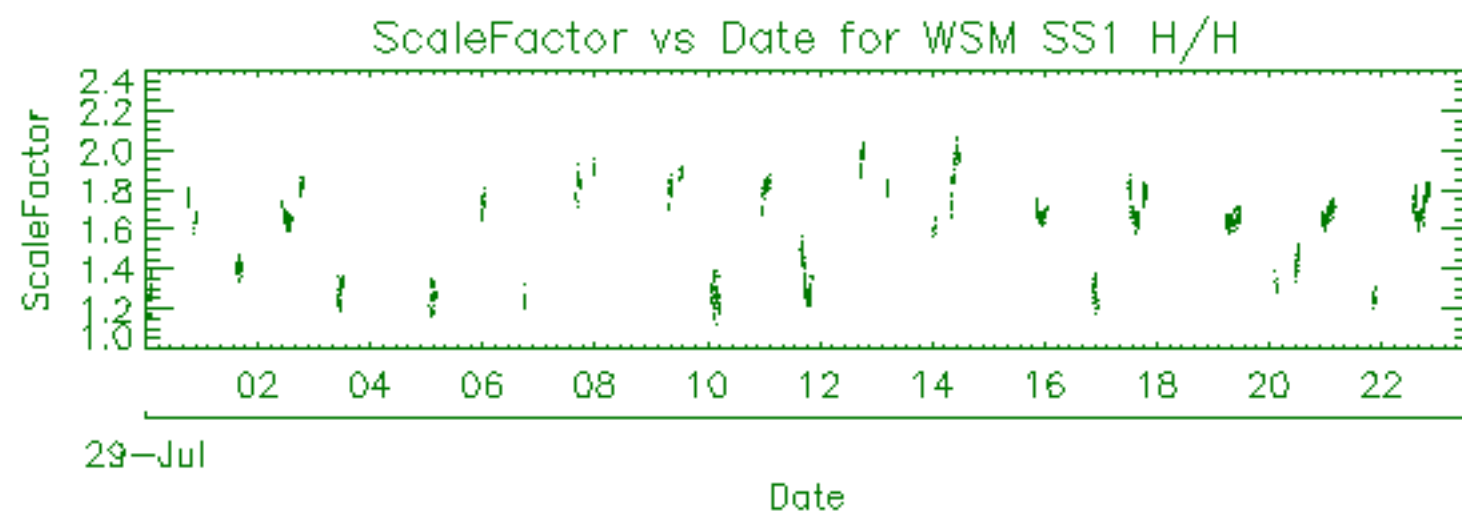


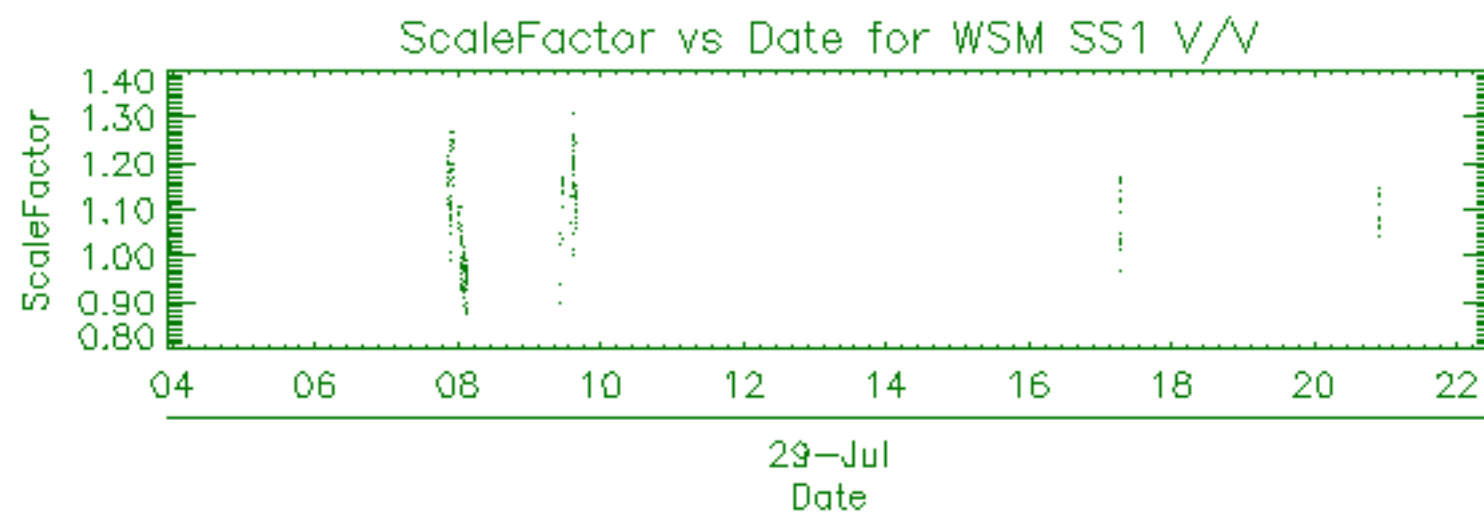












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ASA_APM_1PNPDE20090729_151020_000000432081_00125_38756_0099.N1						IS2	H/H	81	38756	125	4.07
ASA_APM_1PNPDK20090729_205008_000000422081_00129_38760_0623.N1						IS2	H/H	81	38760	129	4.07
ASA_APM_1PNPDE20090729_231833_000000752081_00130_38761_0503.N1						IS4	V/H	81	38761	130	4.07

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20090729_012348_000003322081_00117_38748_9120.N1						SS1	H/H	81	38748	117	4.07
ASA_GM1_1PNPDE20090729_013455_000001502081_00117_38748_9118.N1						SS1	H/H	81	38748	117	4.07
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ASA_GM1_1PNPDE20090729_021556_000003562081_00118_38749_9260.N1						SS1	H/H	81	38749	118	4.07
ASA_GM1_1PNPDE20090729_022307_000001932081_00118_38749_9262.N1						SS1	H/H	81	38749	118	4.07
ASA_GM1_1PNPDE20090729_023557_000005672081_00118_38749_9264.N1						SS1	H/H	81	38749	118	4.07
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ASA_GM1_1PNPDE20090729_031719_000004342081_00118_38749_9391.N1						SS1	H/H	81	38749	118	4.07
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ASA_GM1_1PNPDE20090729_035933_000017042081_00119_38750_9497.N1						SS1	H/H	81	38750	119	4.07
ASA_GM1_1PNPDE20090729_043410_000002592081_00119_38750_9421.N1						SS1	H/H	81	38750	119	4.07
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Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20090729_024821_000001622081_00118_38749_9389.N1						IS2	V/V	81	38749	118	4.07
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ASA_IMM_1PNPDE20090729_042755_000000632081_00119_38750_9502.N1						IS2	V/V	81	38750	119	4.07
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ASA_IMM_1PNPDE20090729_111322_000000532081_00123_38754_9836.N1						IS2	V/V	81	38754	123	4.07
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ASA_IMM_1PNPDK20090729_140430_000000362081_00125_38756_9976.N1						IS4	V/V	81	38756	125	4.07
ASA_IMM_1PNPDE20090729_154110_000002522081_00126_38757_0155.N1						IS2	V/V	81	38757	126	4.07
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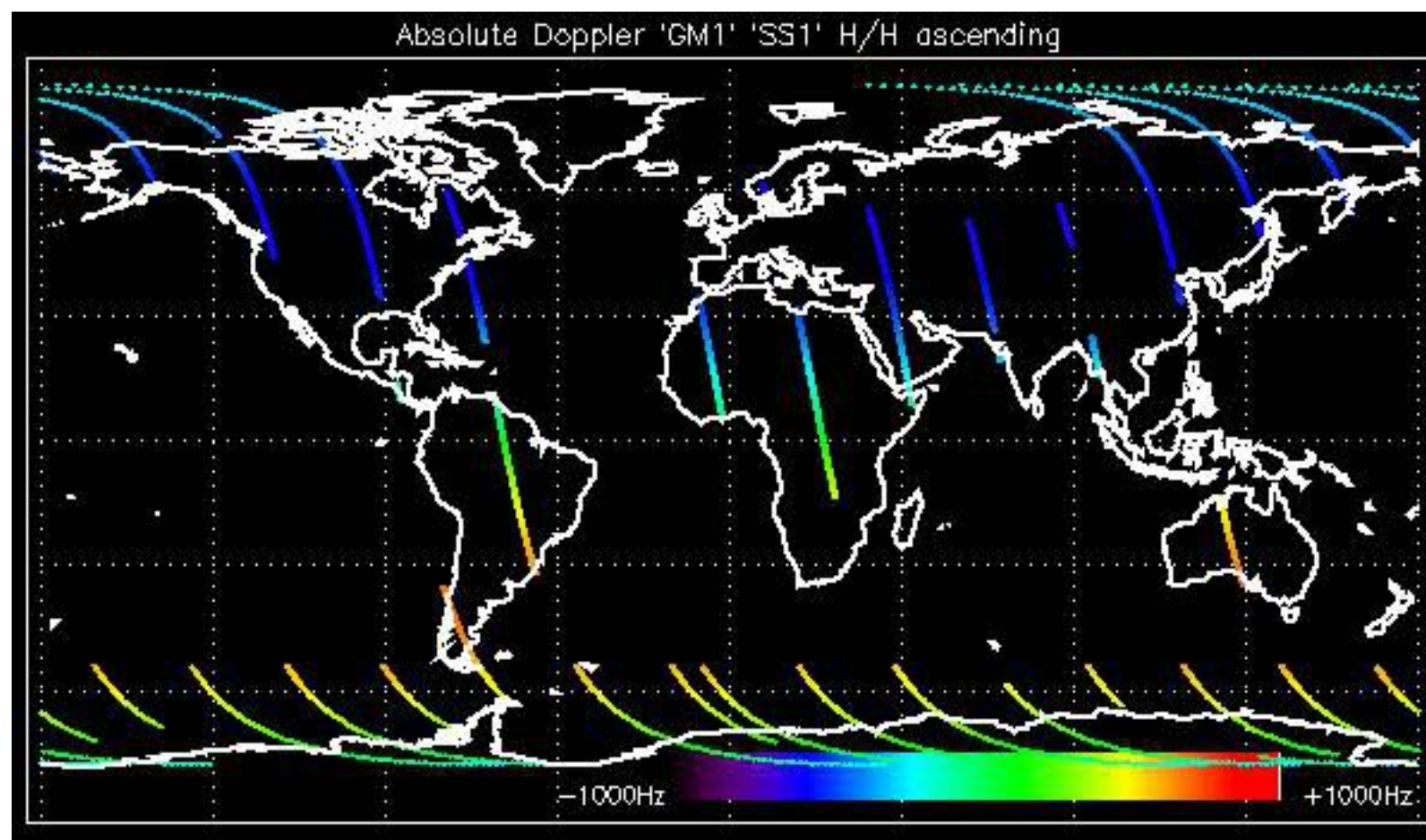
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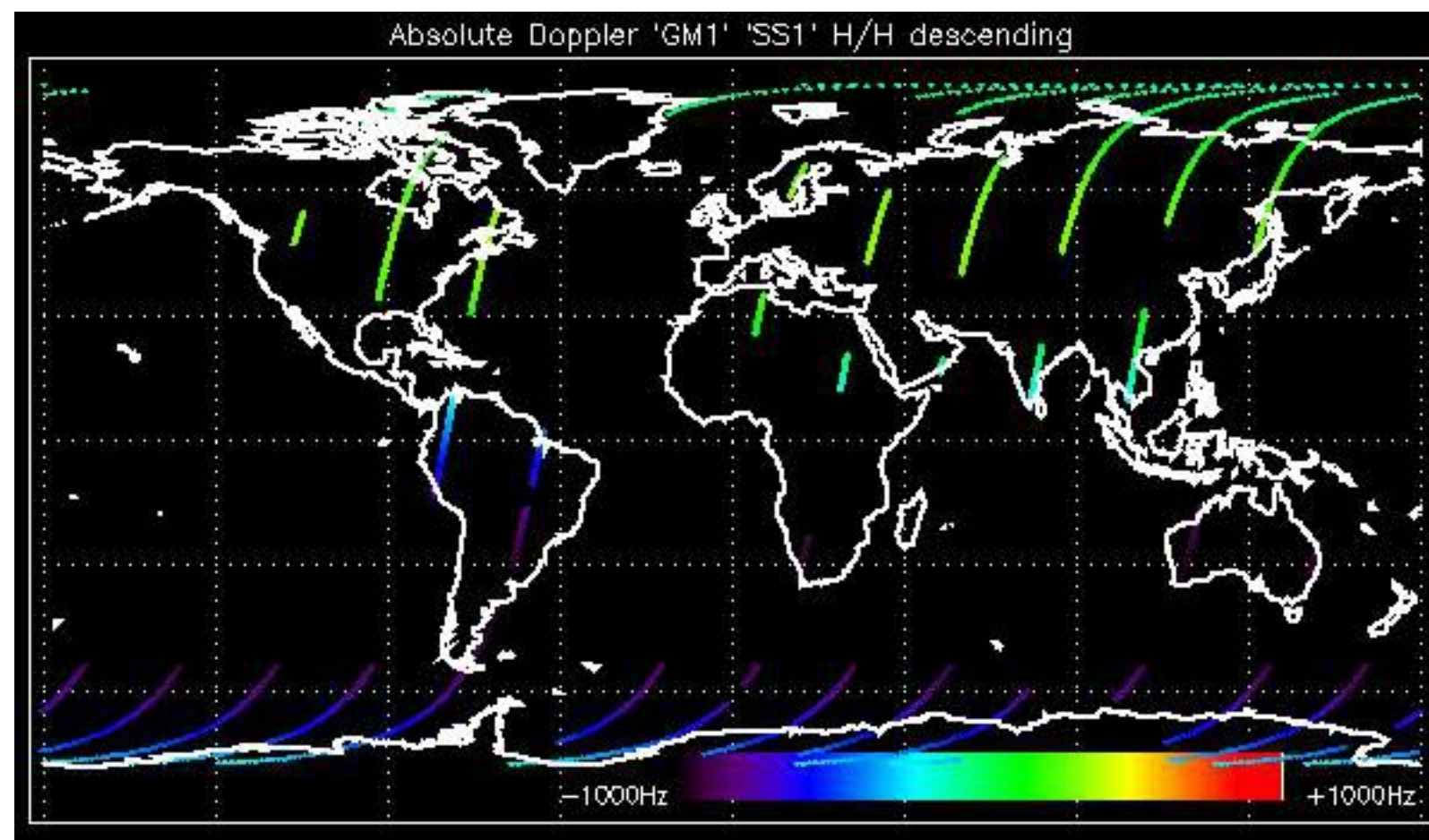


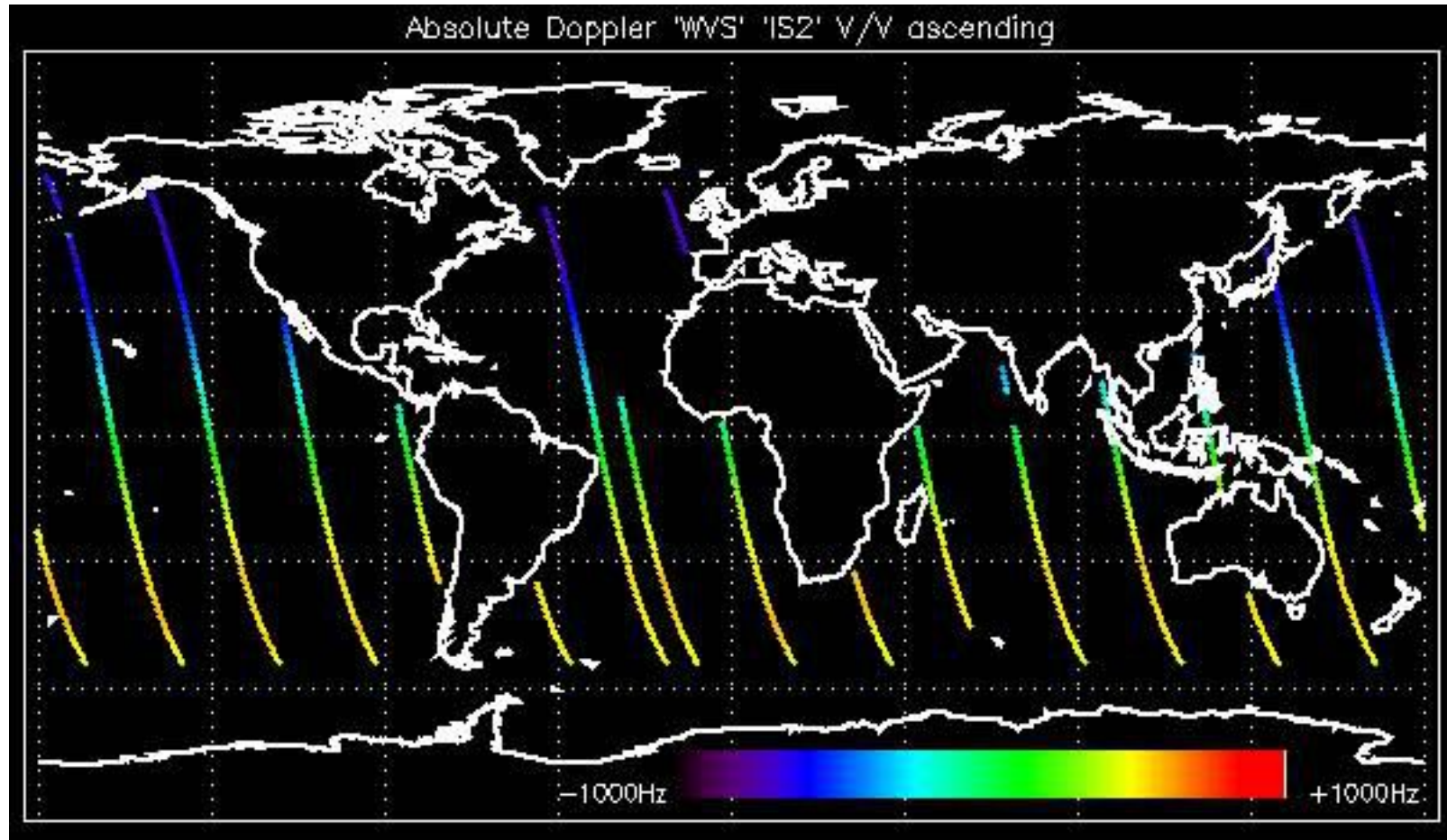
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WSM_1PNPDE20090729_004450_000001222081_00117_38748_9254.N1						SS1	H/H	81	38748	117	4.07
ASA_WSM_1PNPDE20090729_005144_000000732081_00117_38748_9230.N1						SS1	H/H	81	38748	117	4.07
ASA_WSM_1PNPDE20090729_005144_000001902081_00117_38748_9545.N1						SS1	H/H	81	38748	117	4.07
ASA_WSM_1PNPDE20090729_013732_000003122081_00117_38748_9275.N1						SS1	H/H	81	38748	117	4.07
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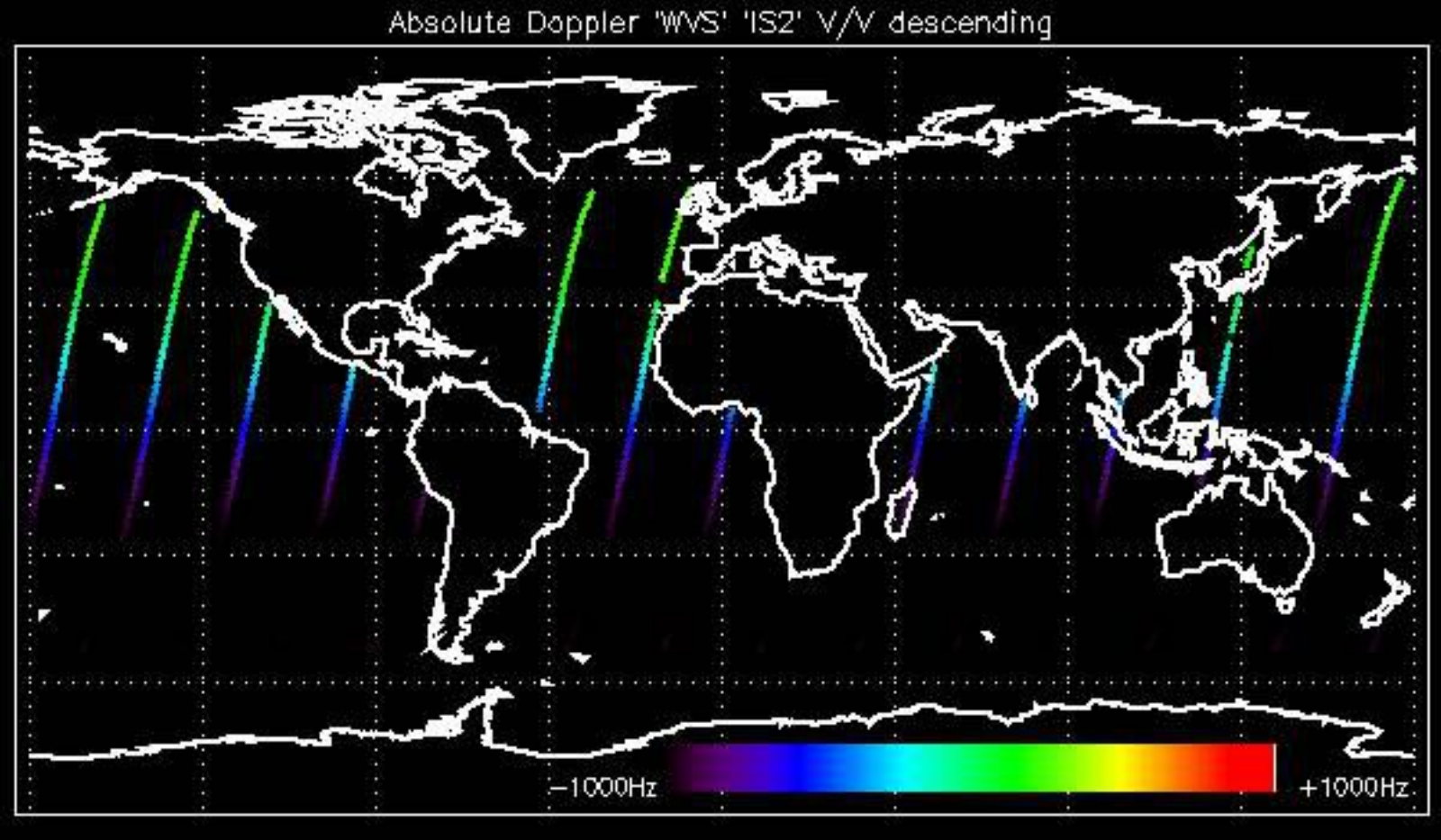
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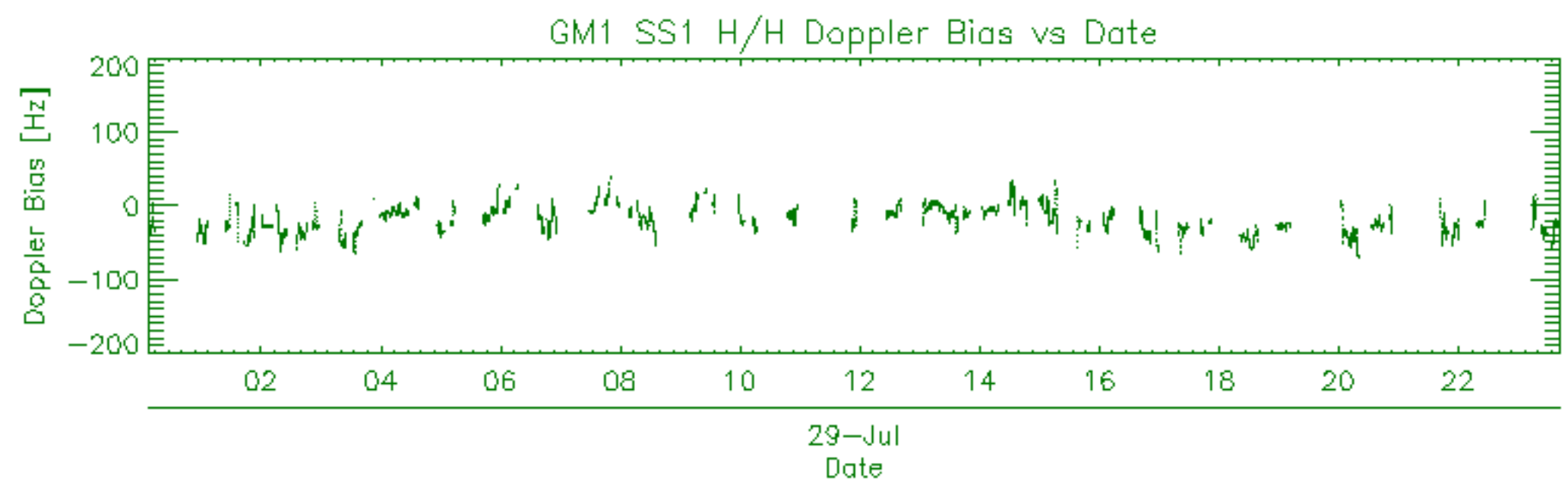
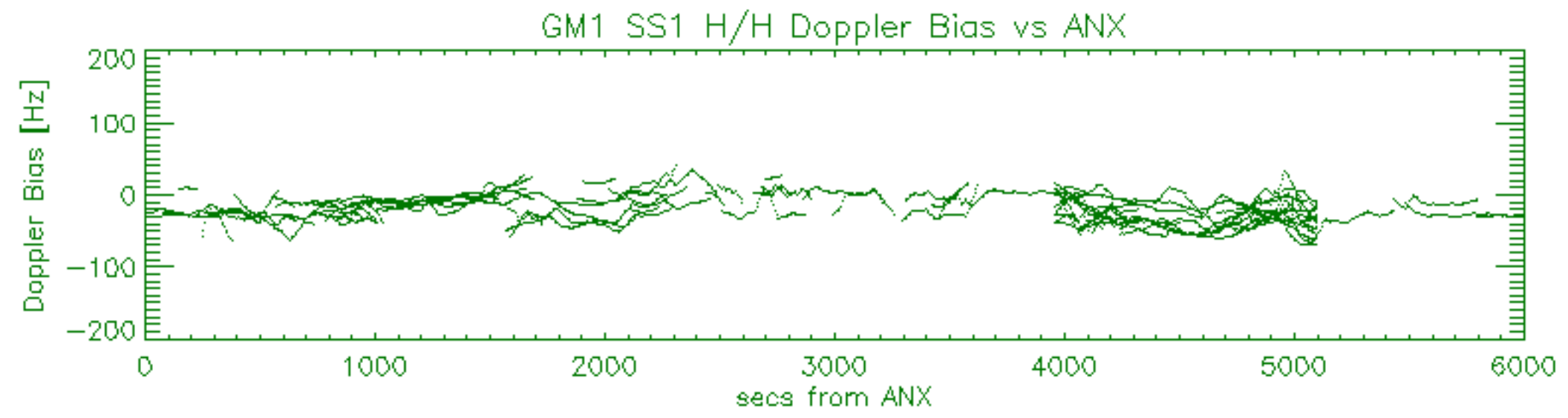
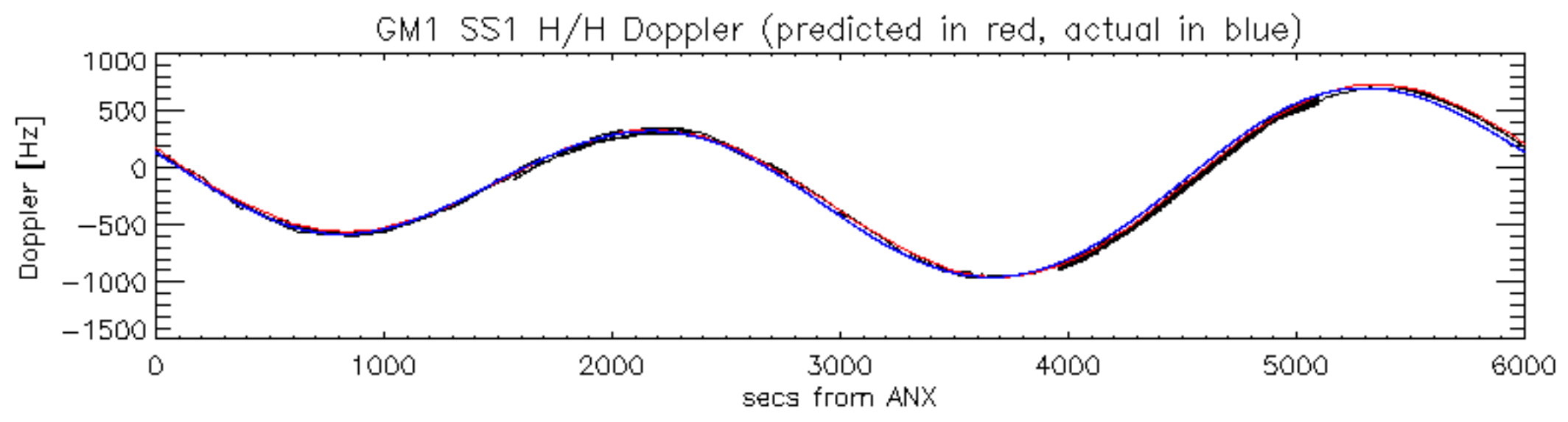
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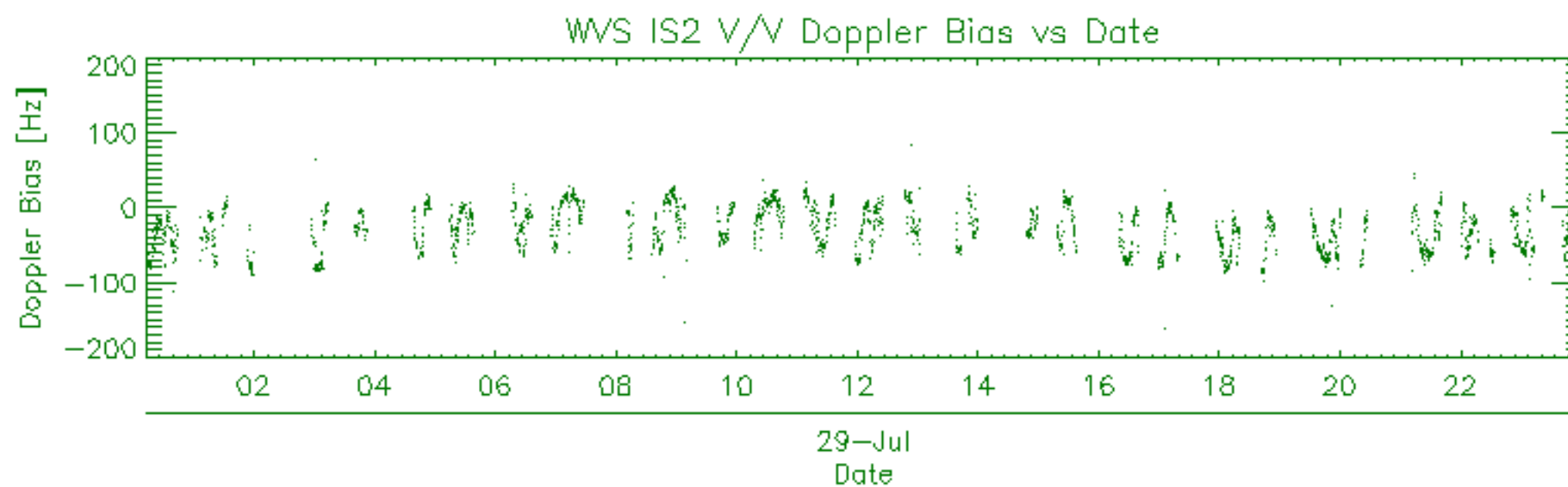
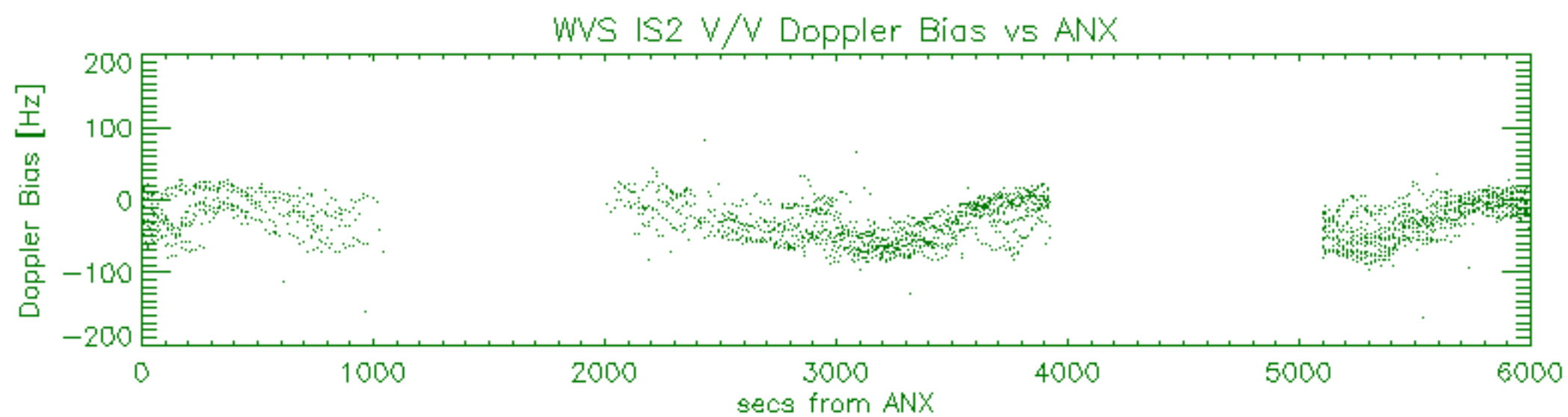
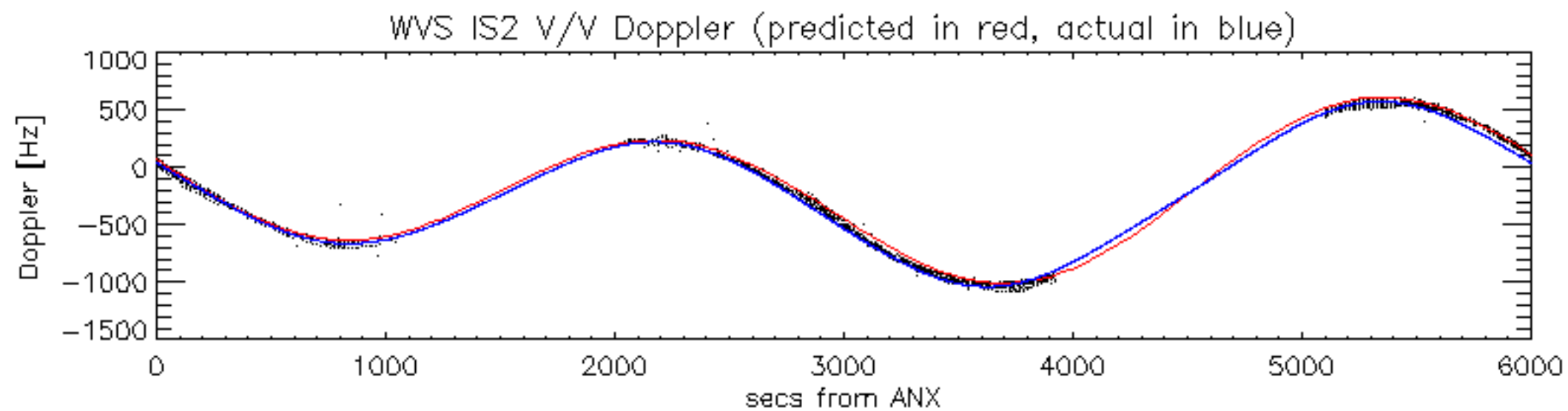


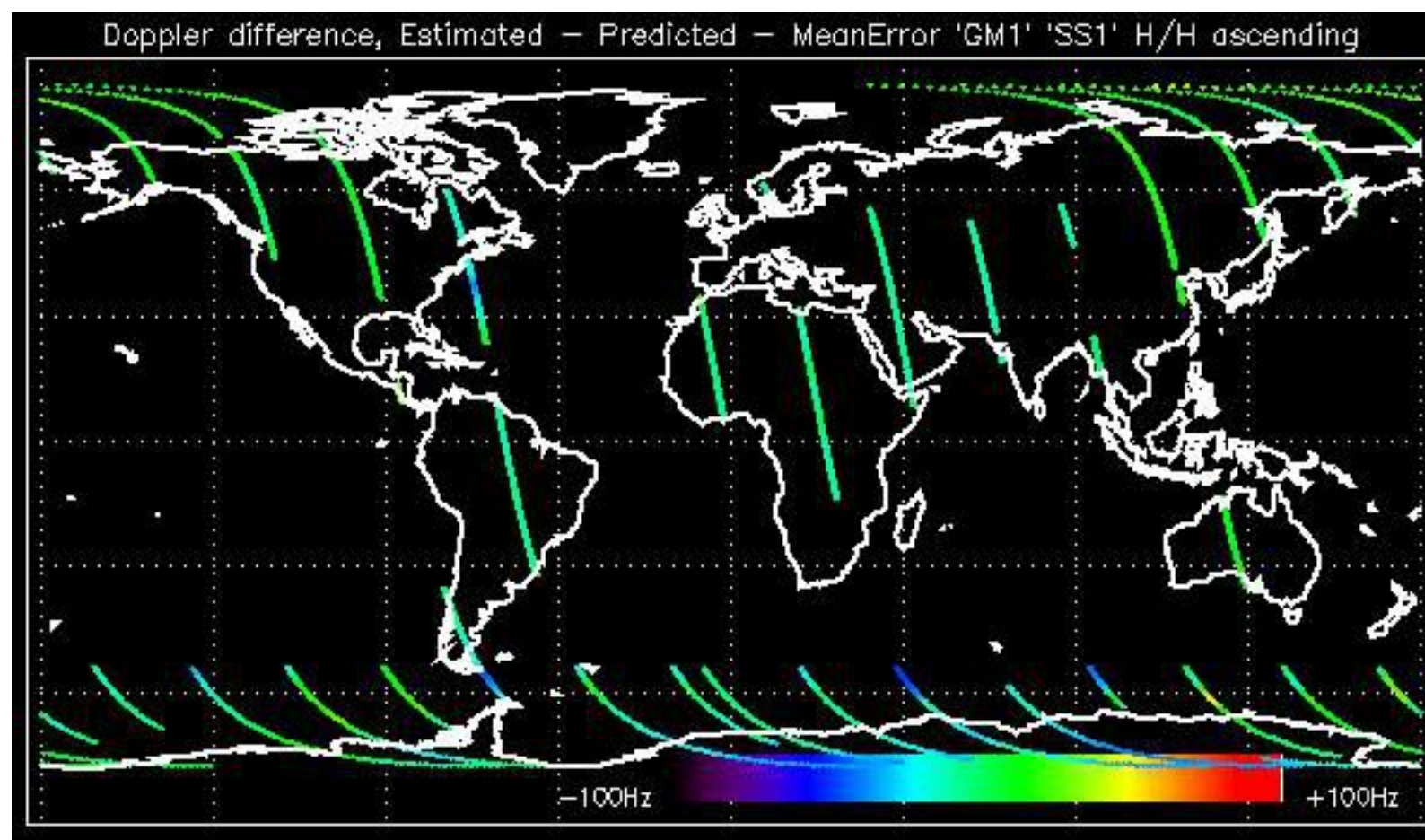


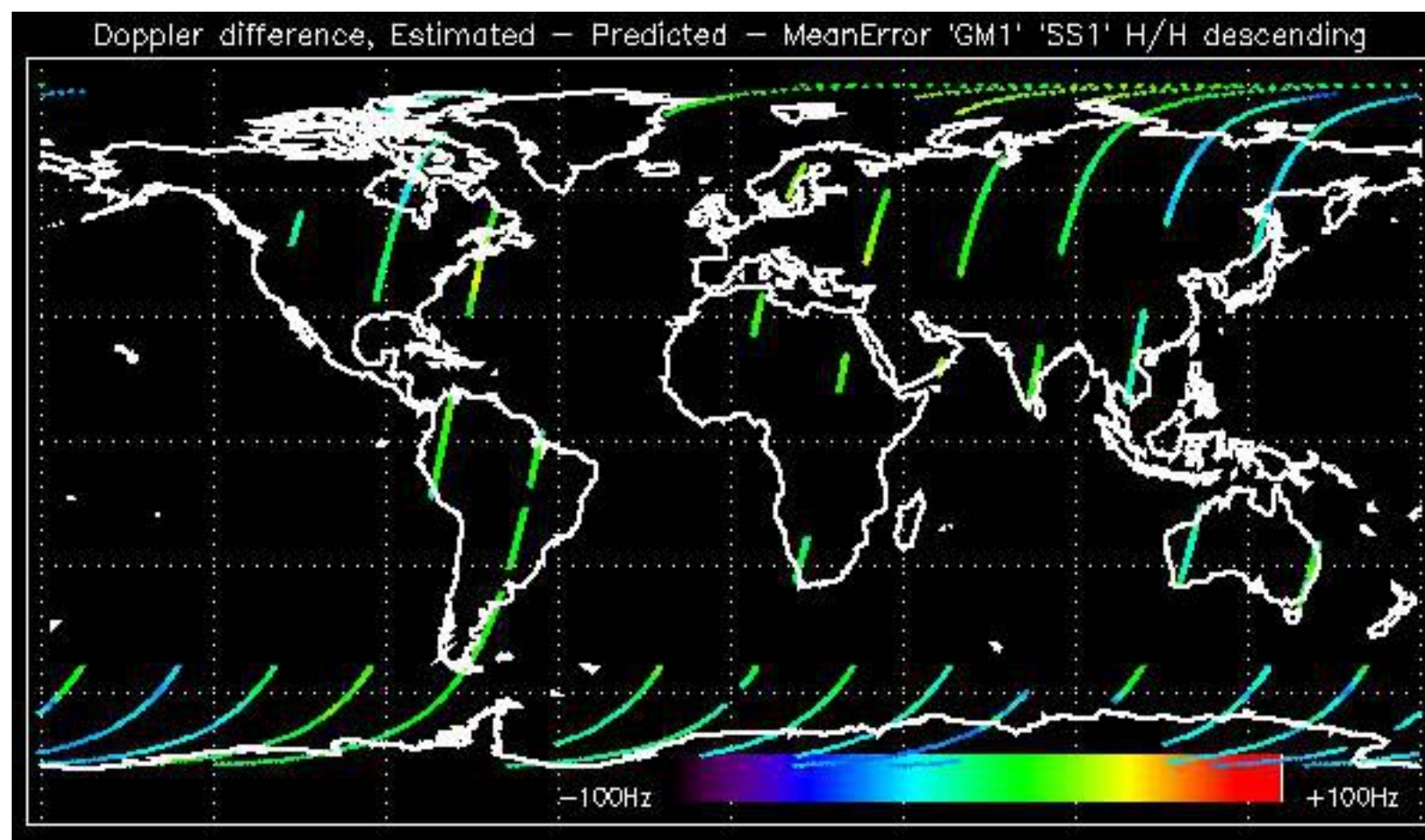


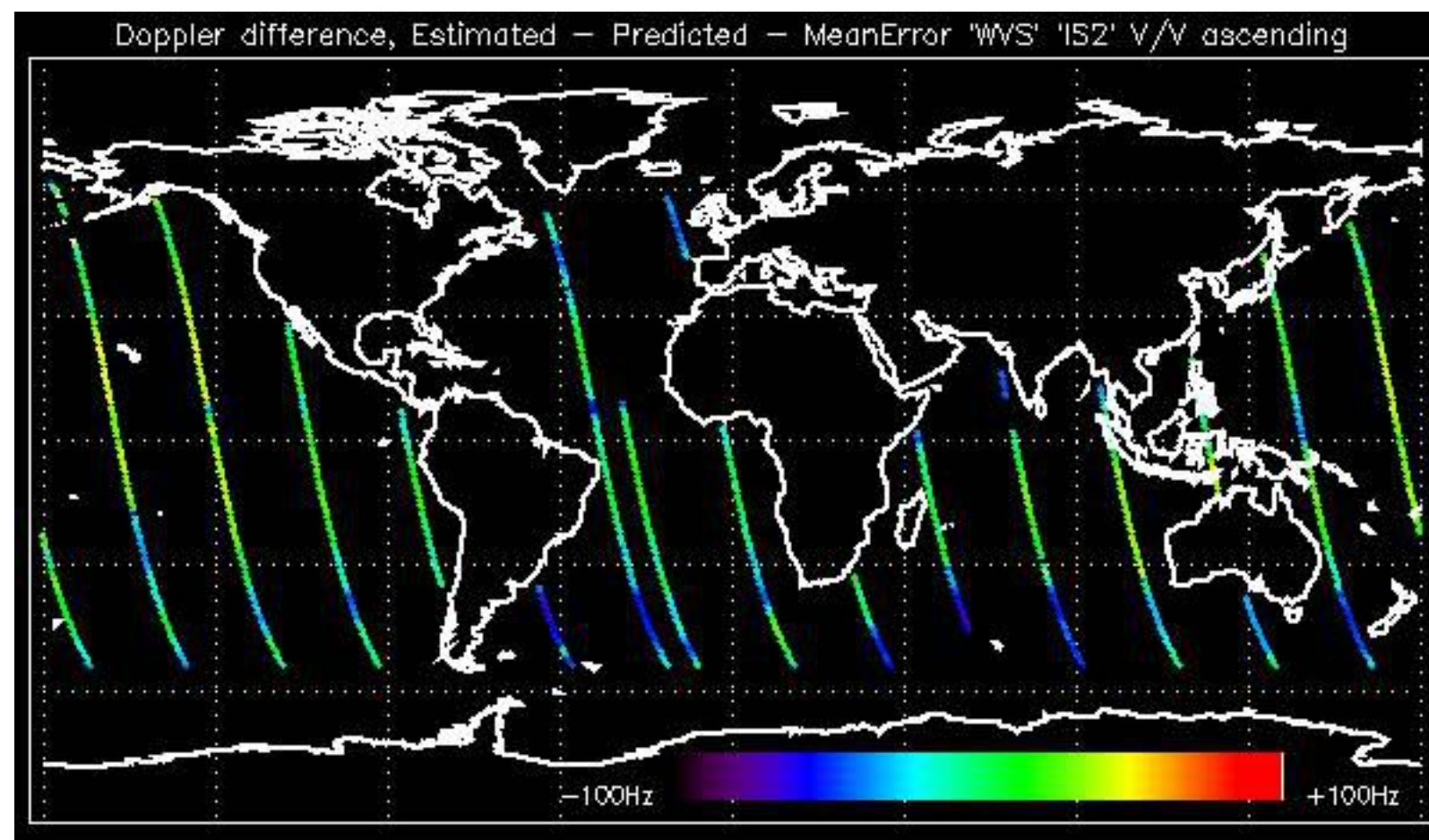


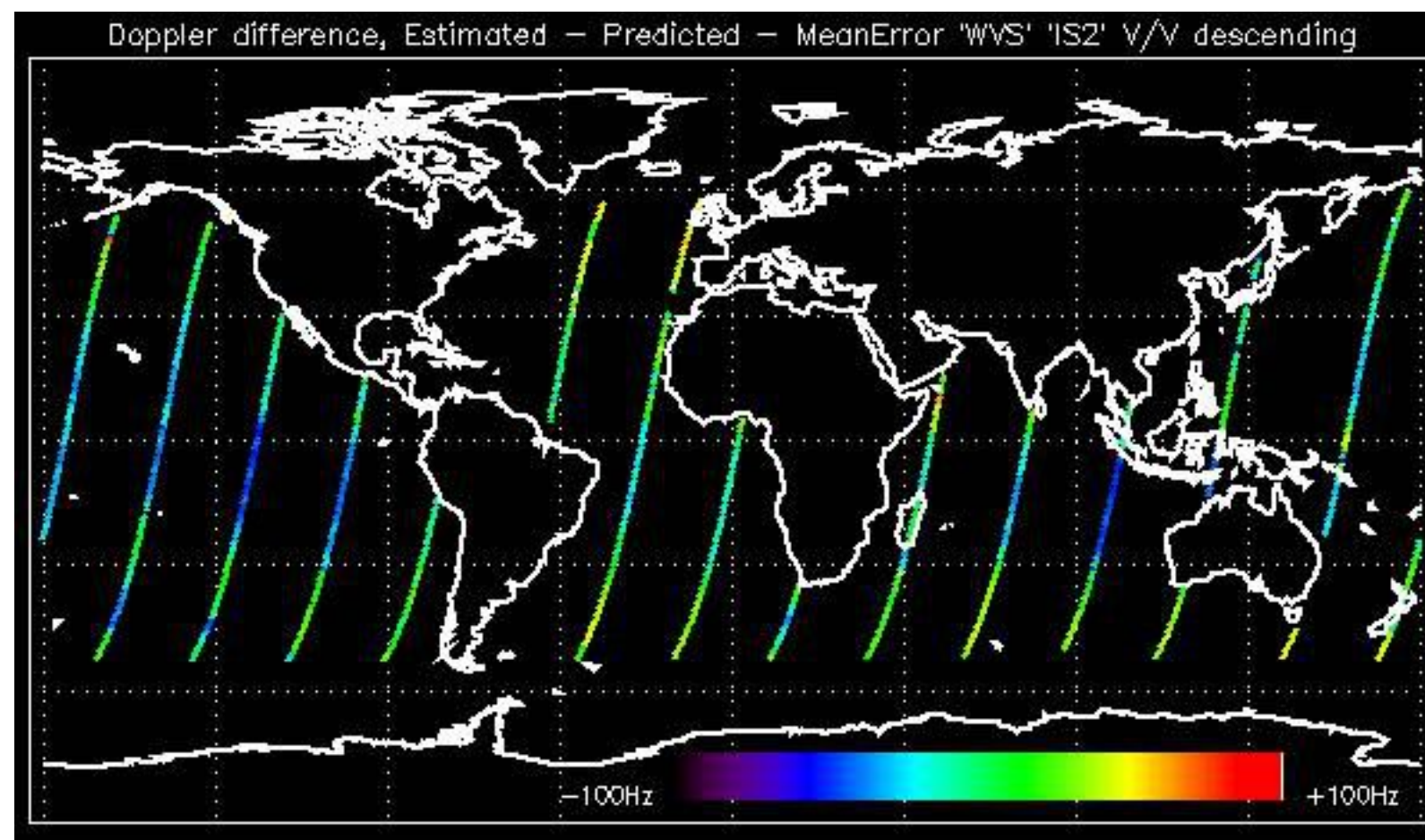


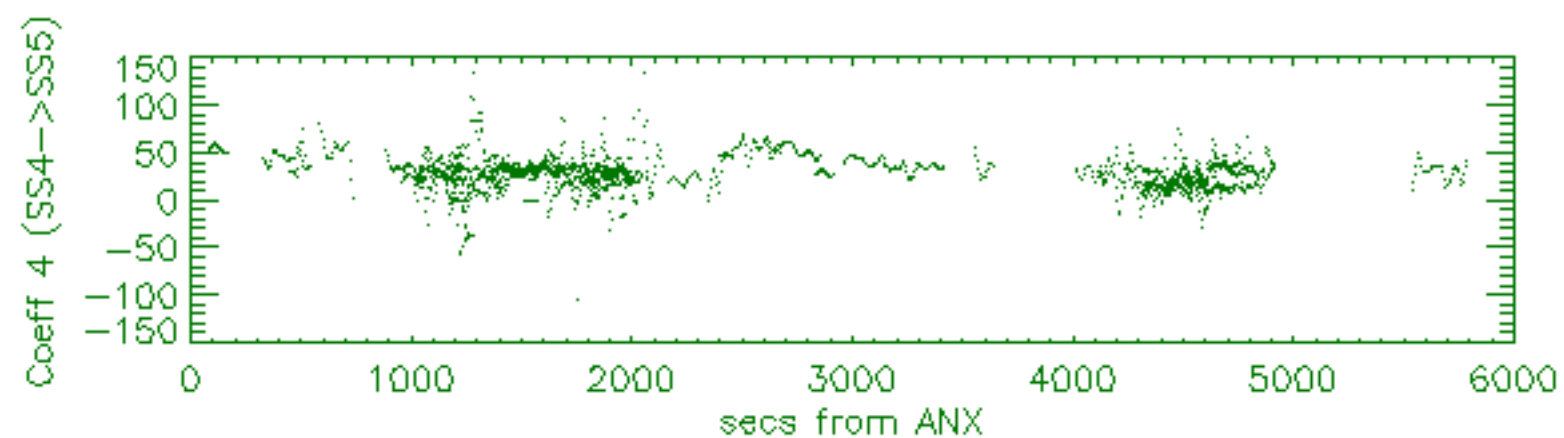
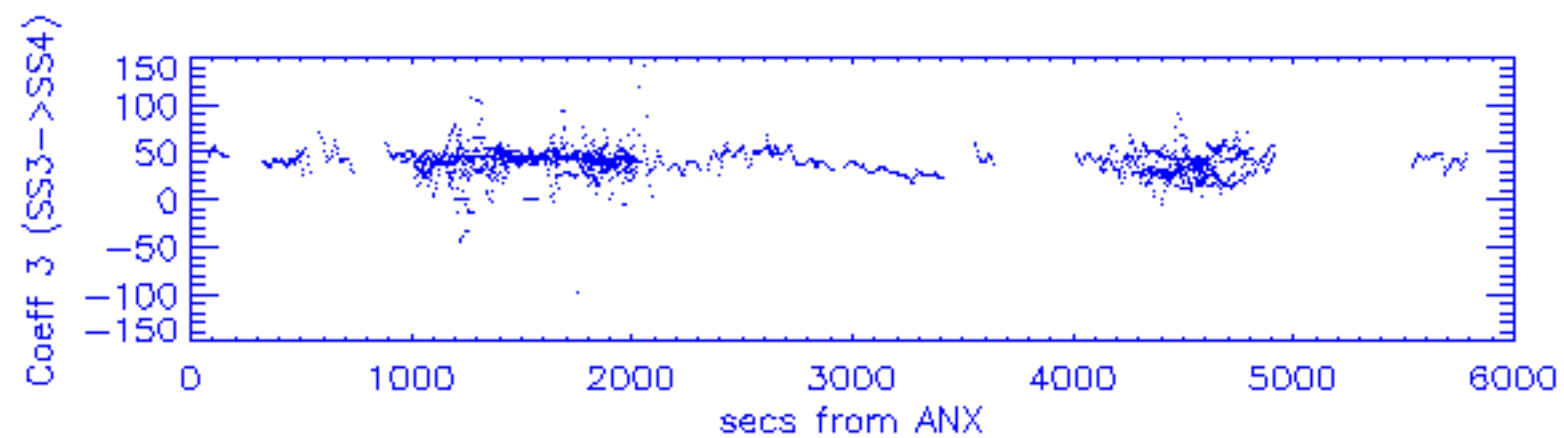
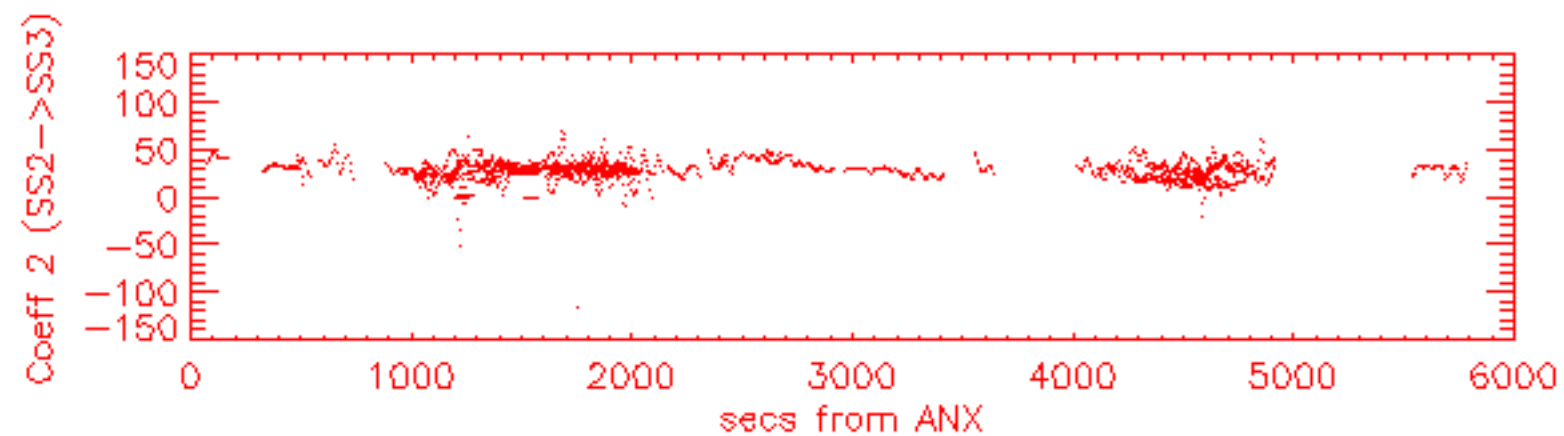
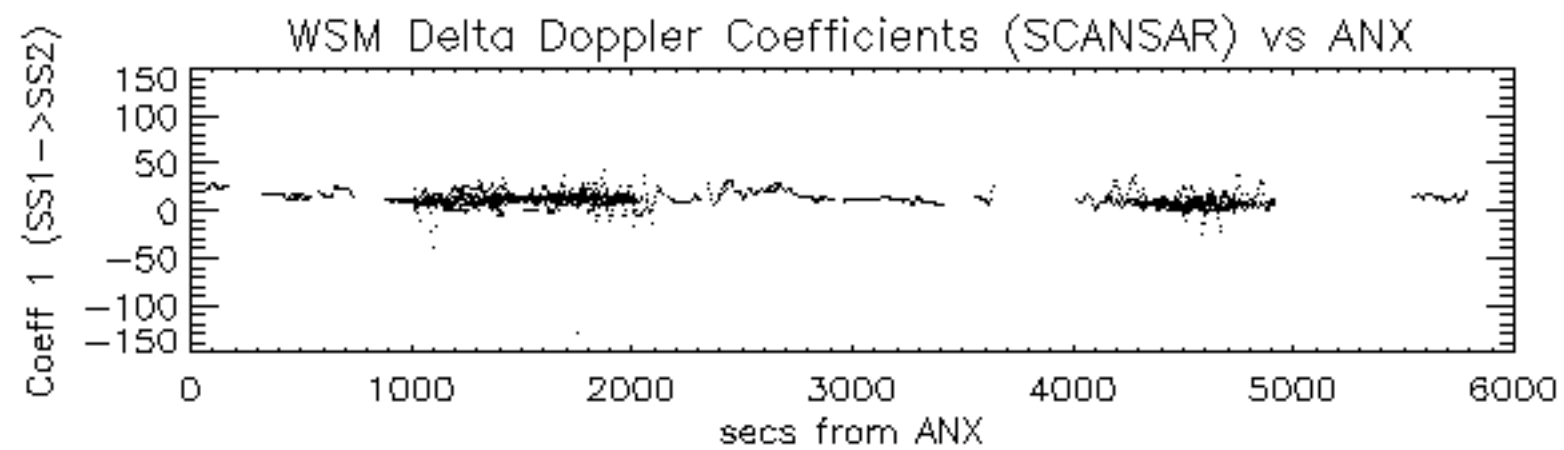


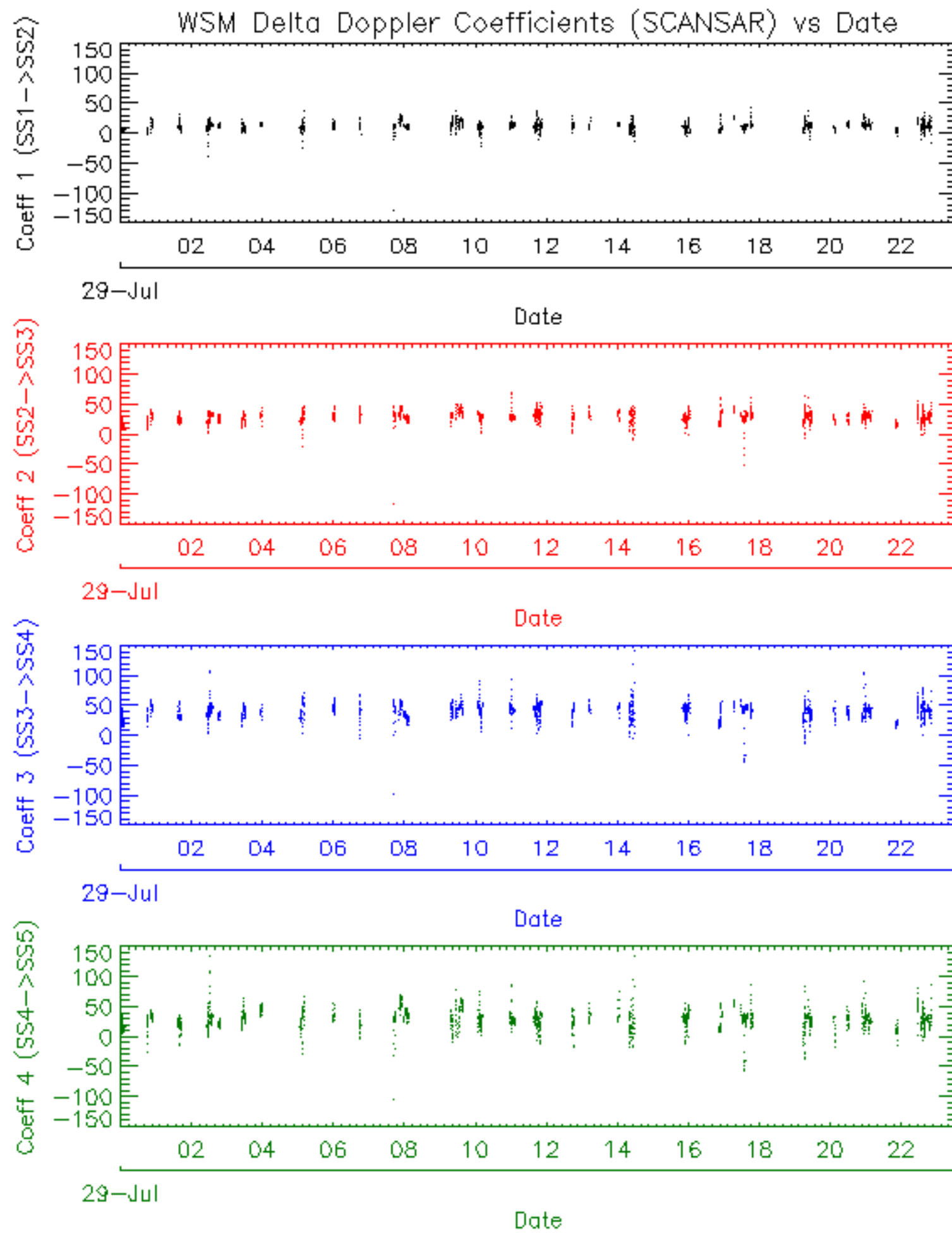


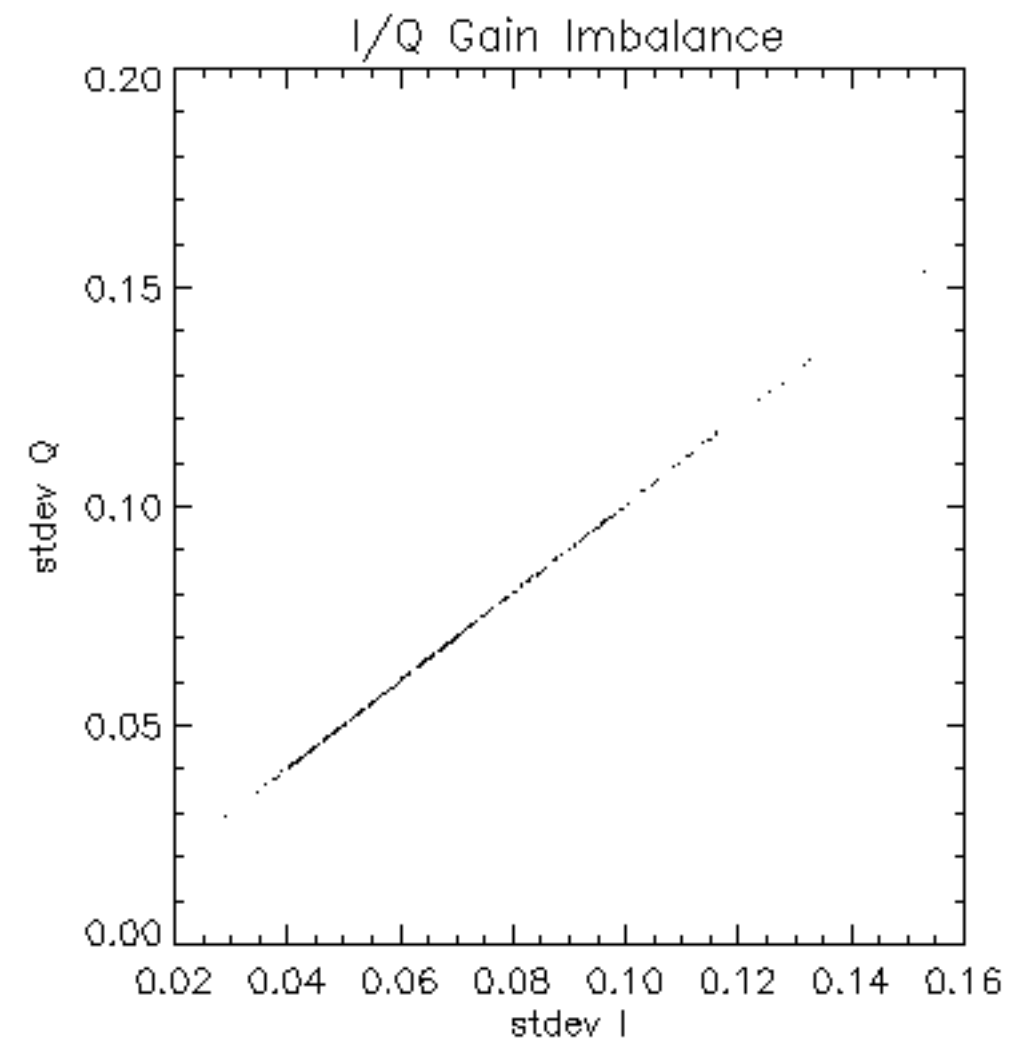


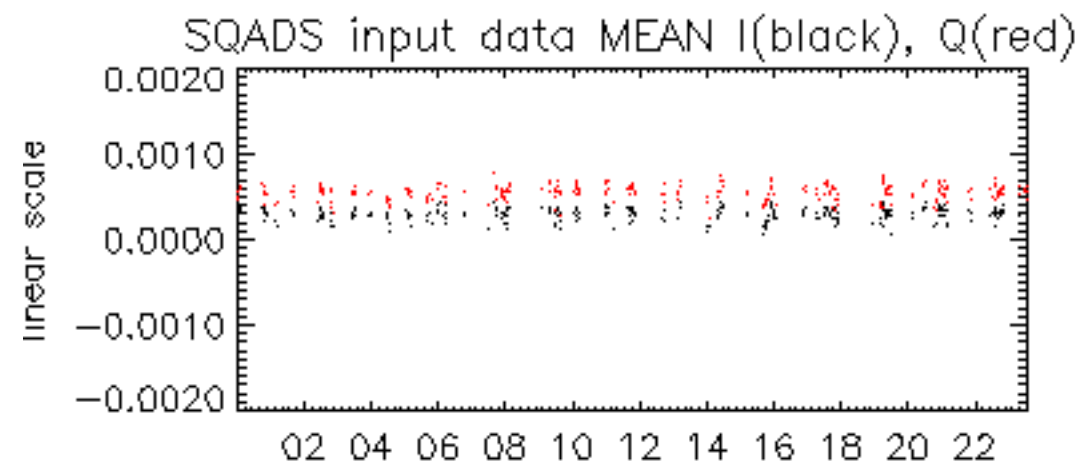




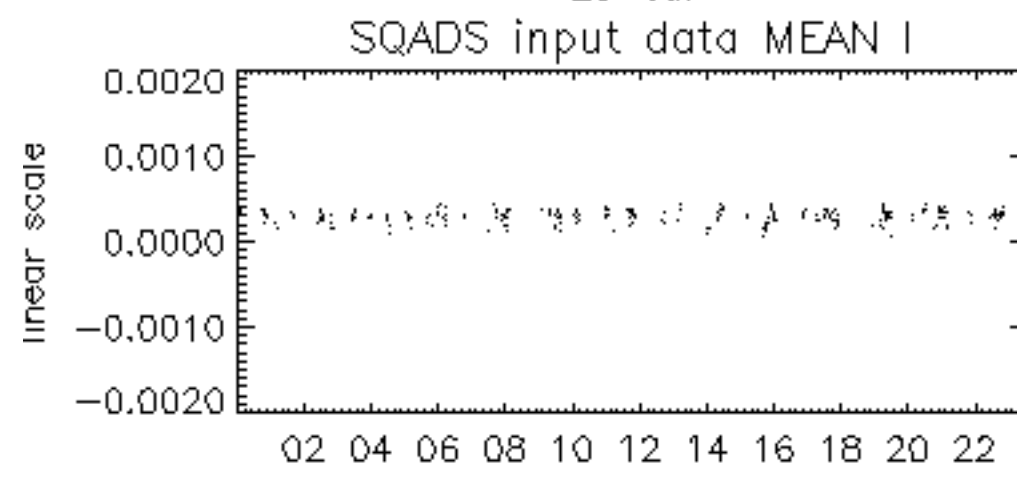




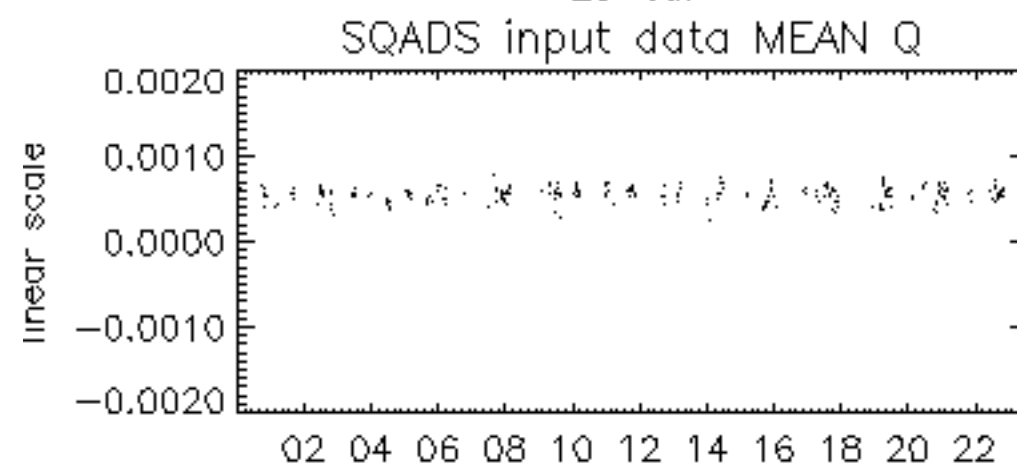




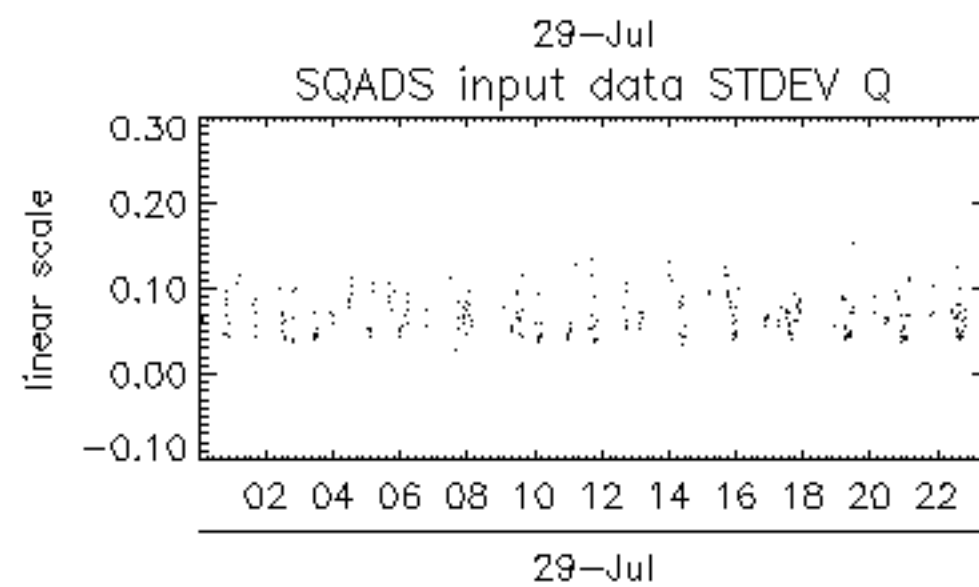
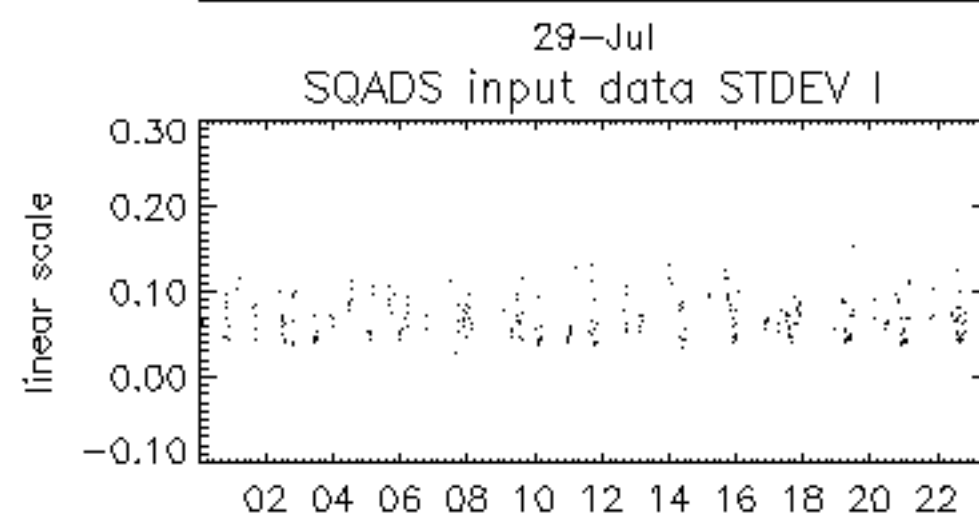
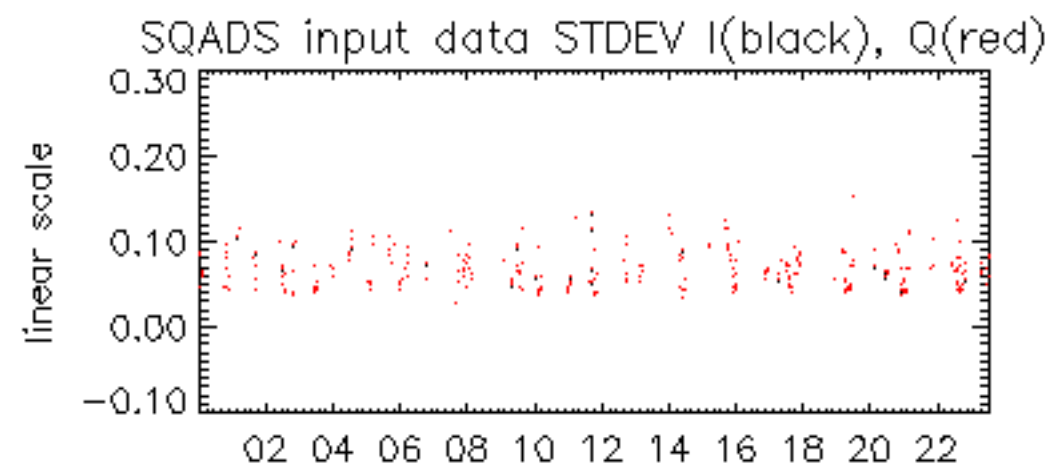
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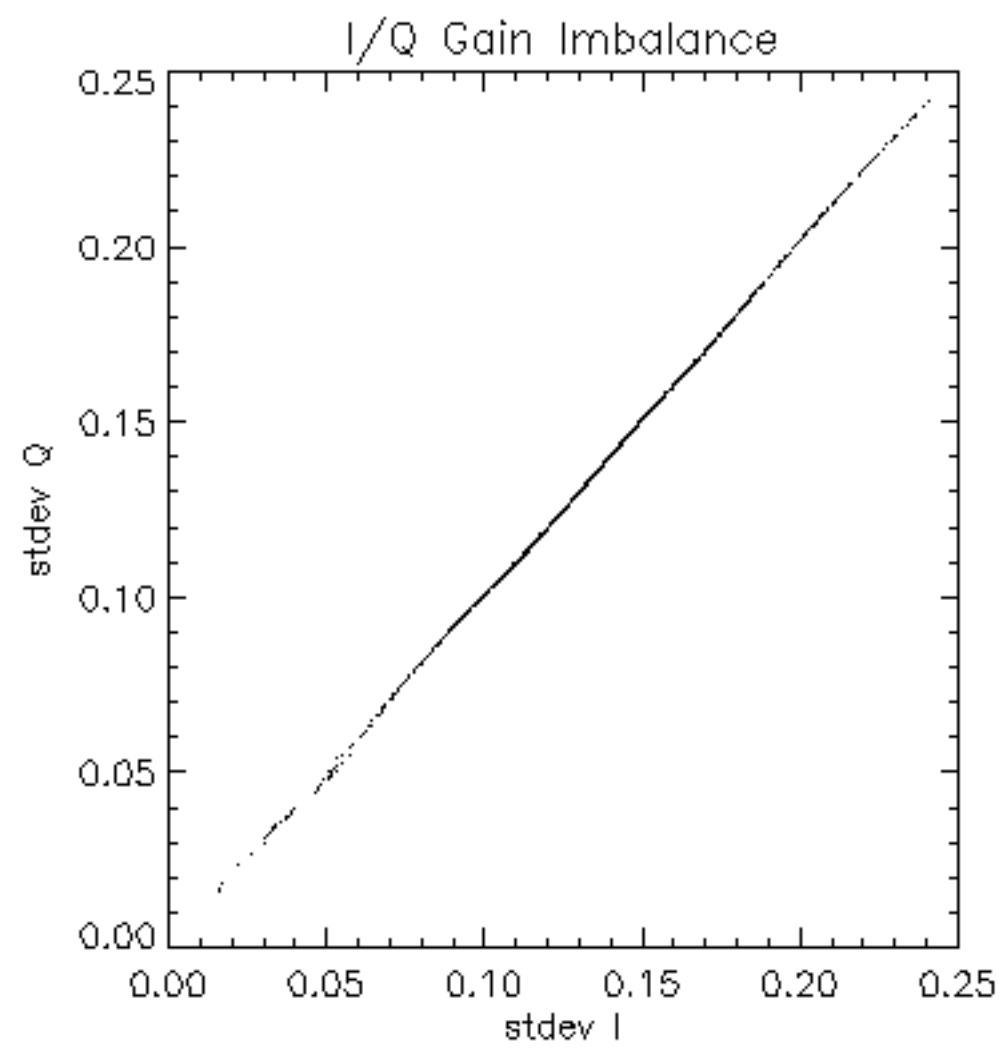


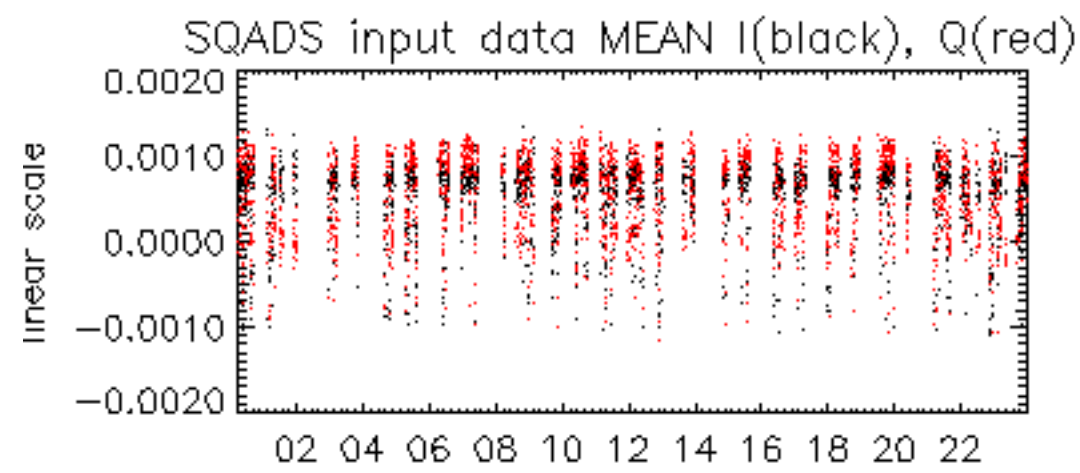
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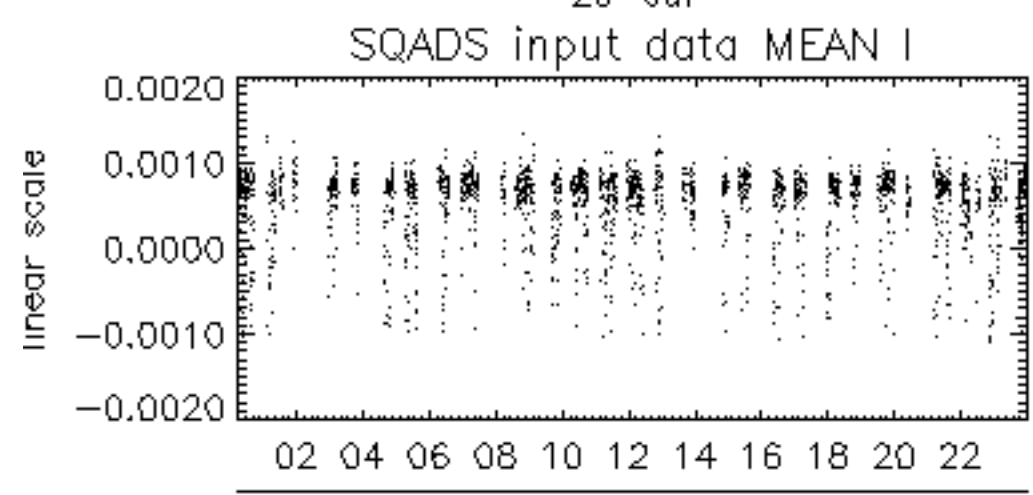
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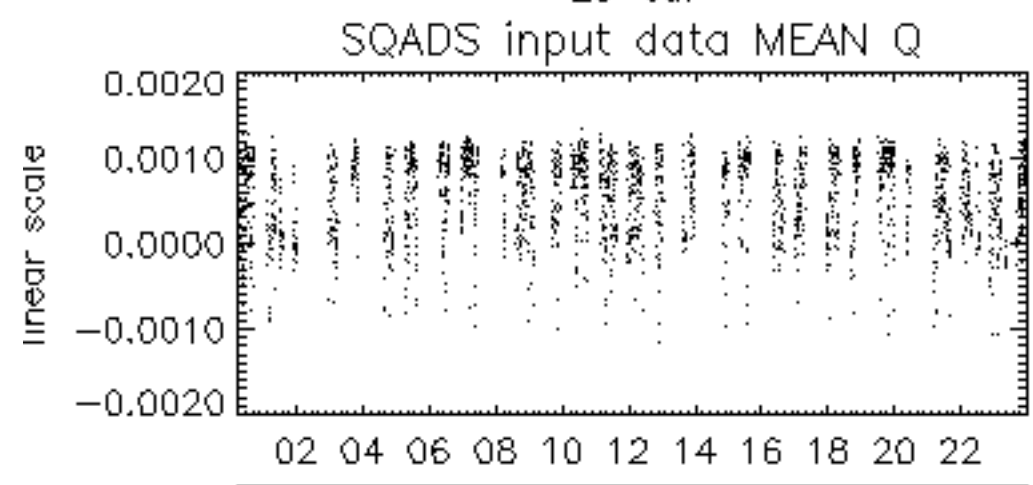




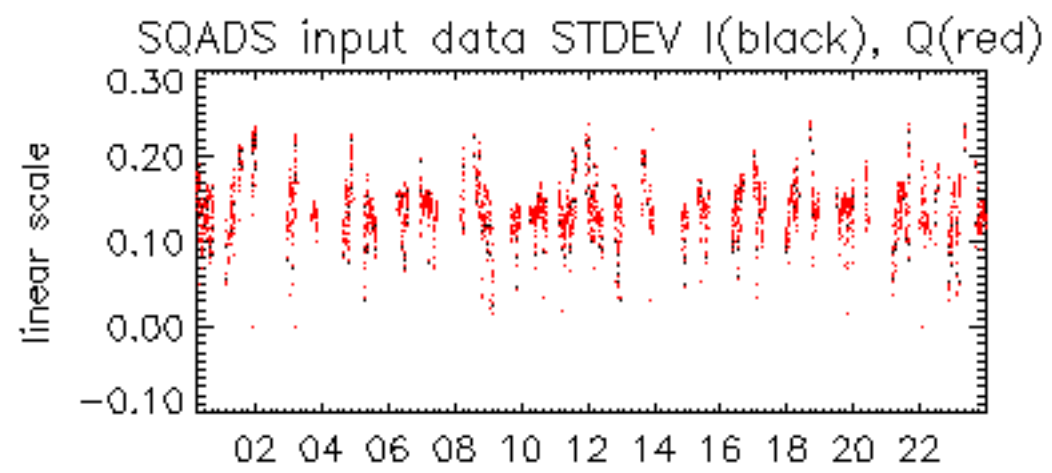
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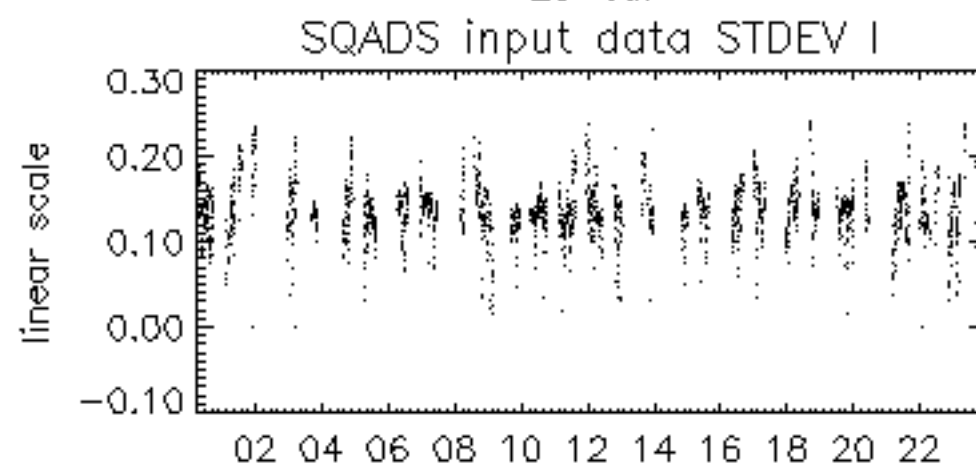
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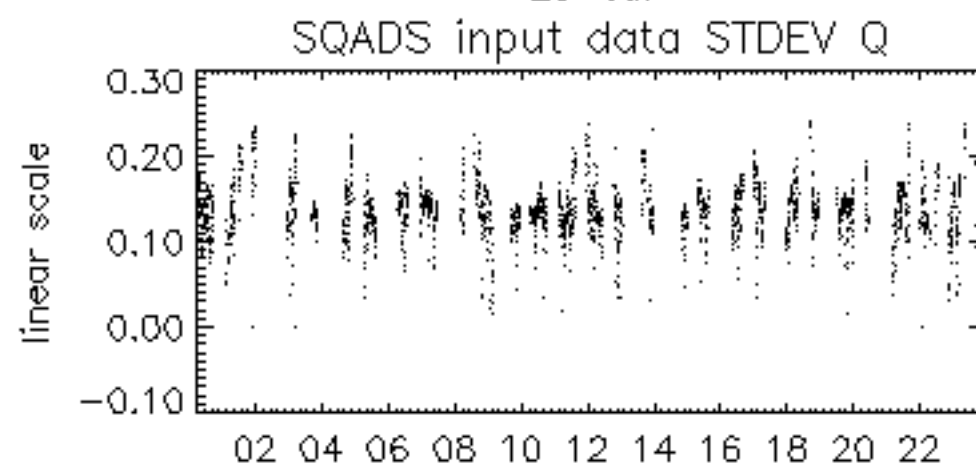
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