



Analysis from 22-AUG-2010 00:00:00 to 22-AUG-2010 23:59:59. Page generated on 23-AUG-2010 08:55:15.
View log file: ASAR_Daily_Report_20100823_0854.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	1	PDE	WS	H/H	24	PDE	IS1	H/H	1	PDE	IS1	V/V	1	PDE	WS	H/H	27	PDK	2010-08-22 06:12:10	H	320
PDE	IS2	V/V	23	PDK	WS	H/H	39	PDK	IS6	H/H	1	PDE	IS2	H/H	1	PDE	WS	V/V	16				
PDK	IS2	V/V	17									PDE	IS2	V/V	11	PDK	WS	H/H	8				
												PDE	IS4	H/H	1	PDK	WS	V/V	7				
												PDE	IS6	H/H	1								
												PDE	IS7	H/H	1								
												PDK	IS2	H/H	1								
												PDK	IS2	V/V	2								
												PDK	IS6	V/V	1								

1.2 - Lists of products used

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

2.2 - Products with wrong ADFs

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

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

3 - MODULE STEPPING PRODUCTS ANALYSIS

SECOND FIXED REFERENCE										PREVIOUS PRODUCT REFERENCE									
Pre-launch reference (2001-02-09)										Previous product in the same polarisation									
Reference: 2001-02-09 14:08:23 V Test : 2010-08-21 06:43:48 V RxGain										Reference: 2010-08-19 07:47:02 V Test : 2010-08-21 06:43:48 V RxGain									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4
Reference: 2001-02-09 14:08:23 V Test : 2010-08-21 06:43:48 V RxPhase										Reference: 2010-08-19 07:47:02 V Test : 2010-08-21 06:43:48 V RxPhase									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4

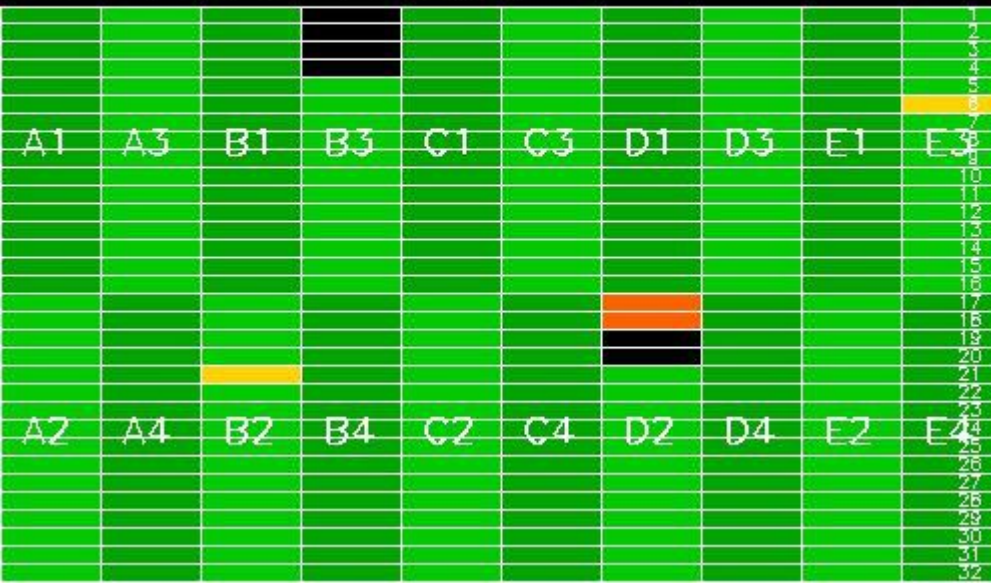


3.2 - H/H polarisation

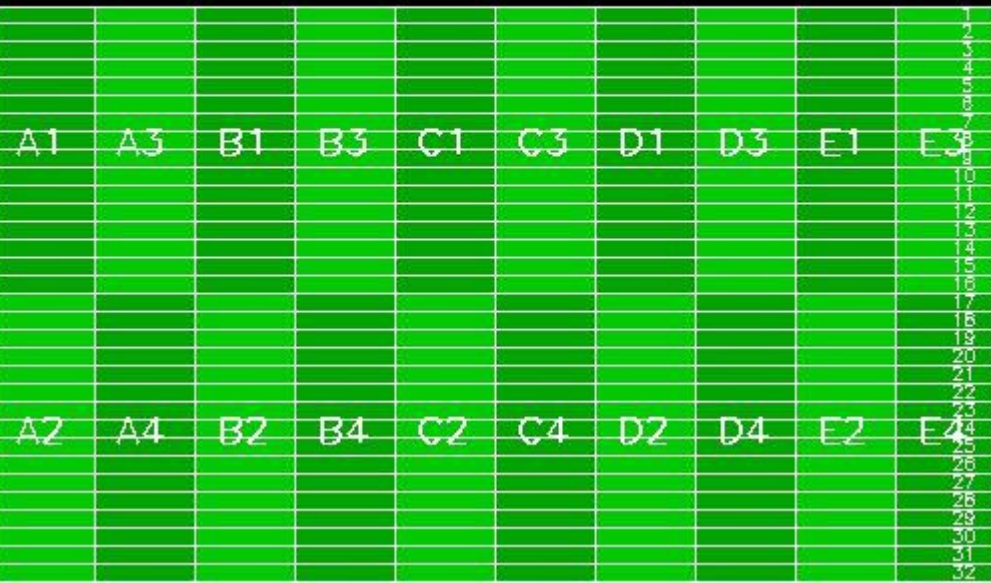
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2010-08-22 06:12:10 H



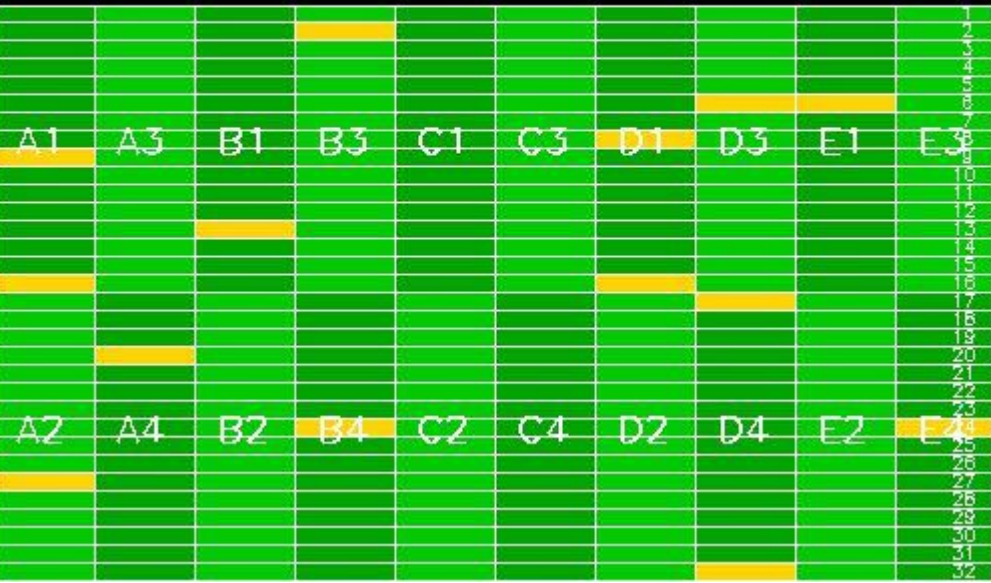
Reference: 2010-08-20 07:15:25 H RxGain
 Test : 2010-08-22 06:12:10 H

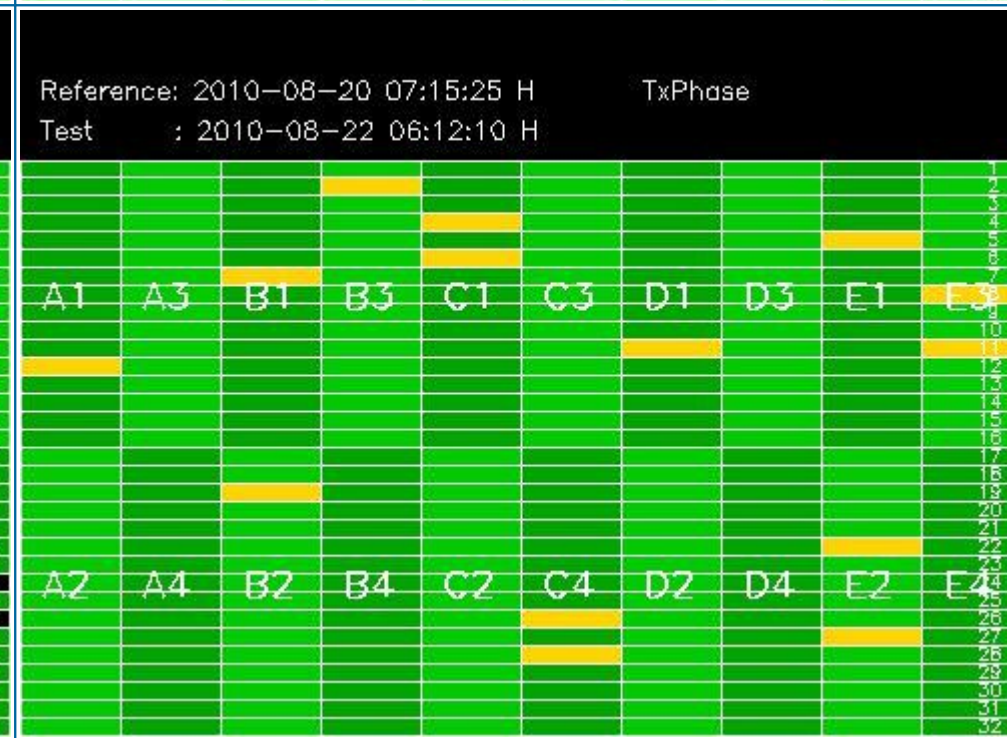
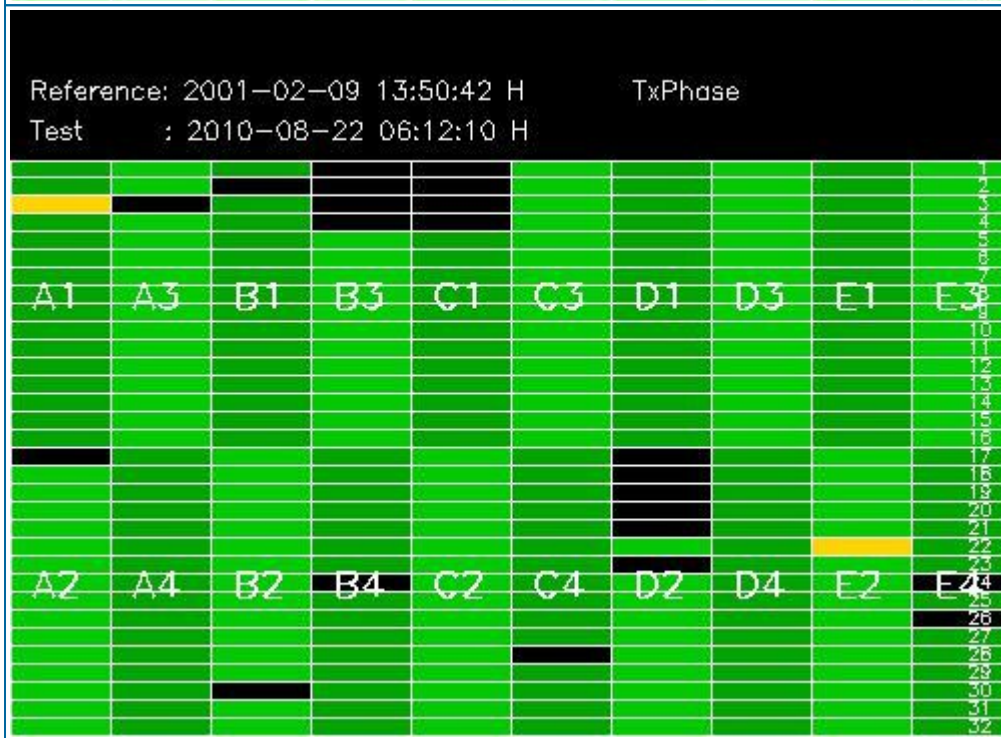
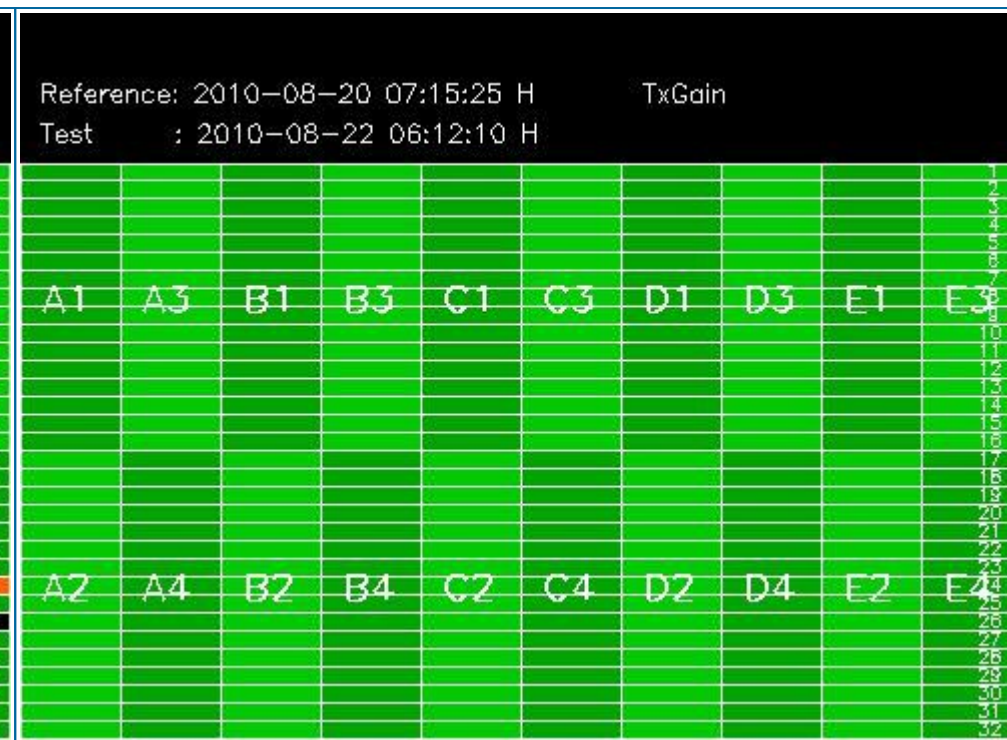
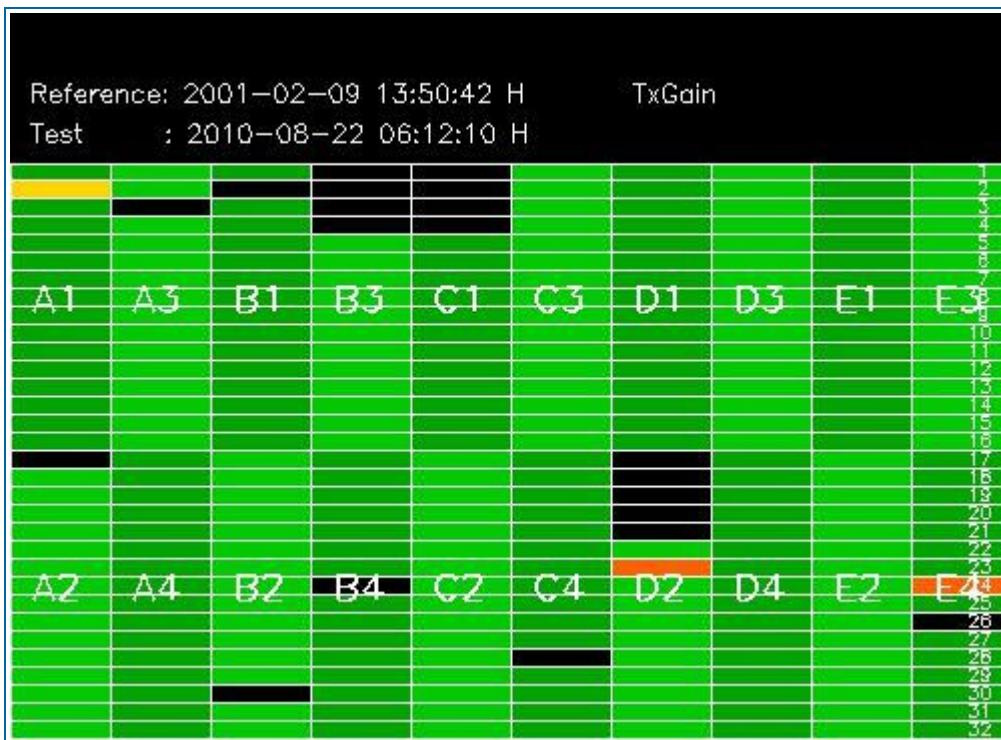


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2010-08-22 06:12:10 H



Reference: 2010-08-20 07:15:25 H RxPhase
 Test : 2010-08-22 06:12:10 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

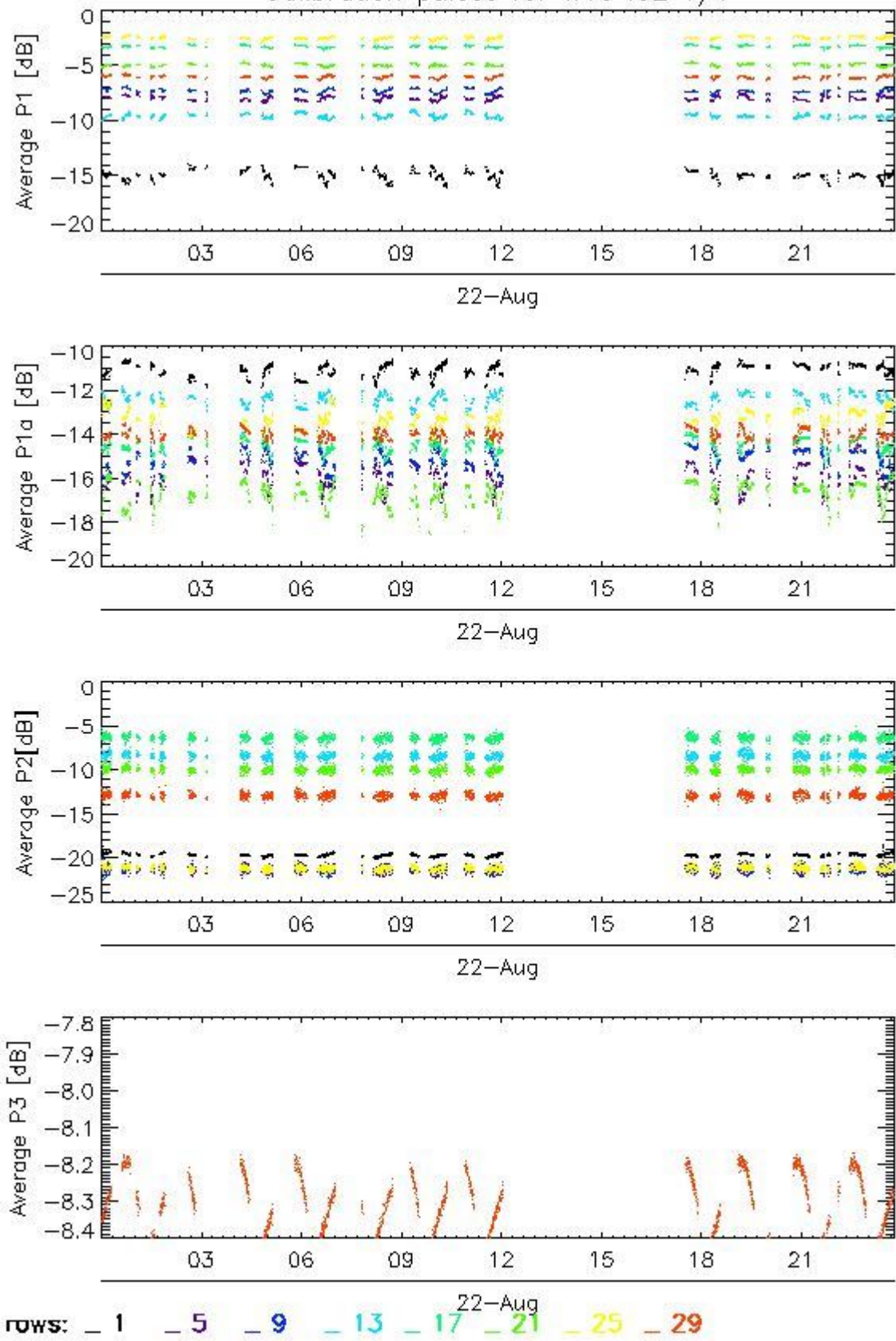
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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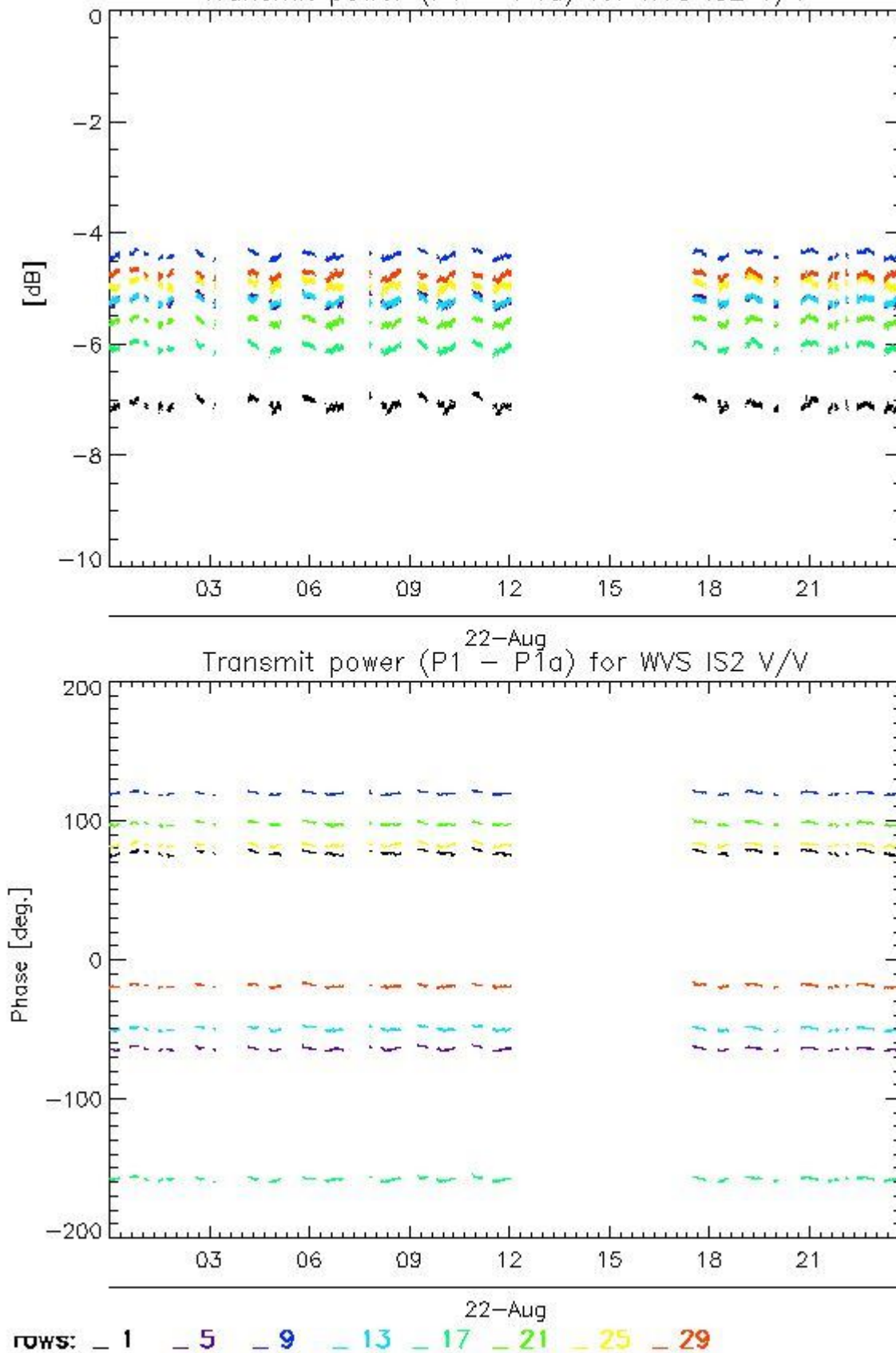
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for WVS IS2 V/V



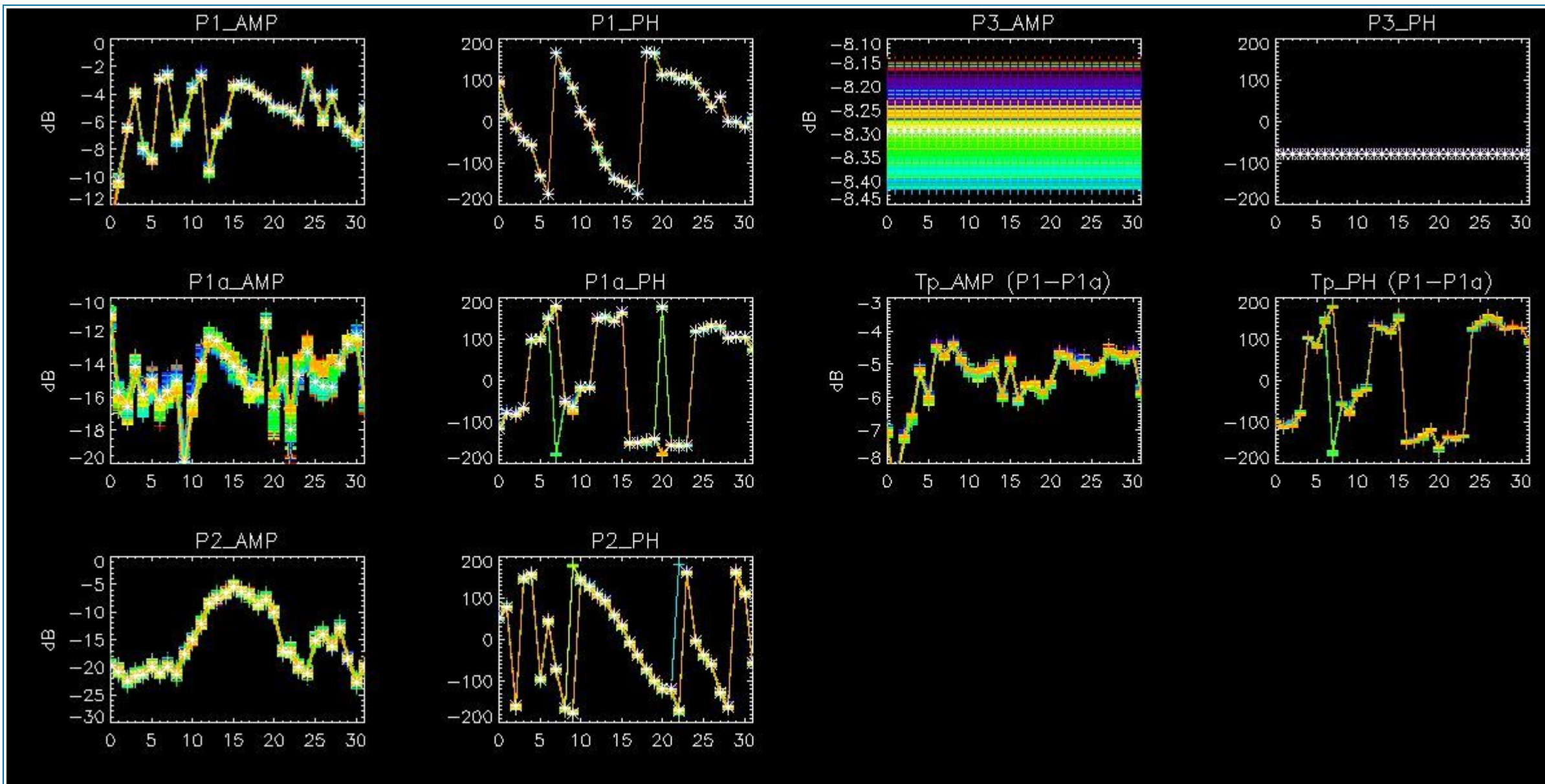
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

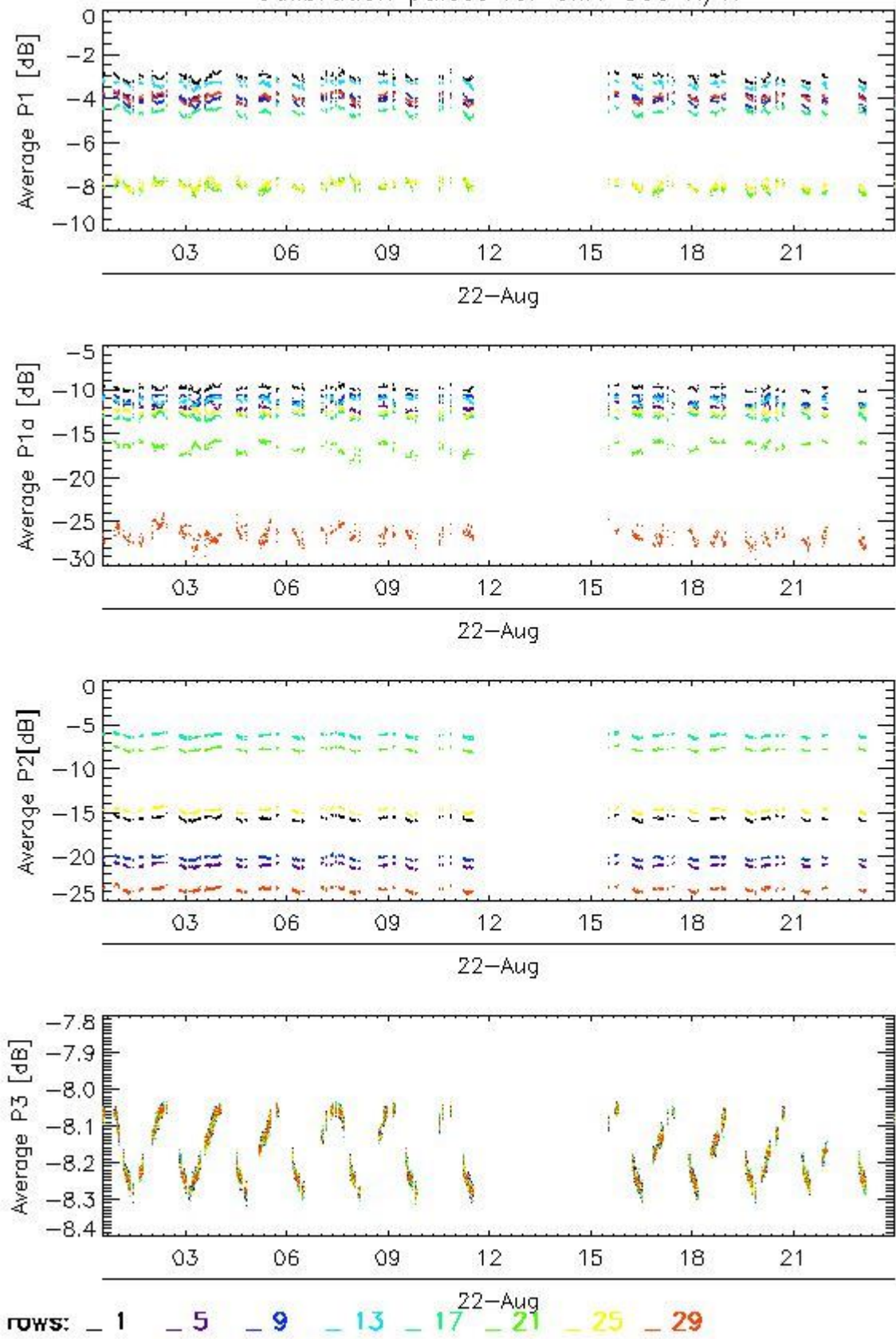
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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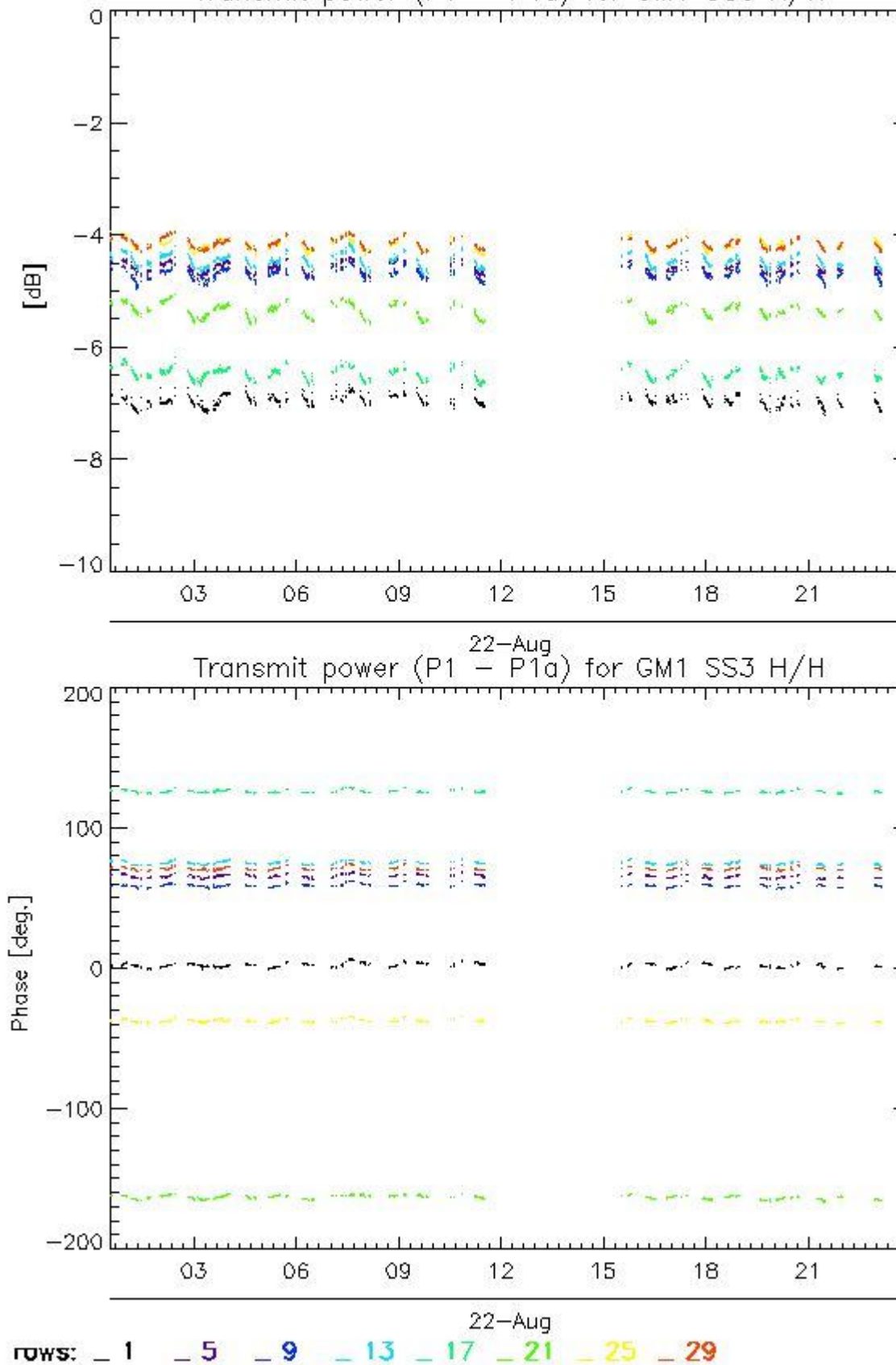
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H

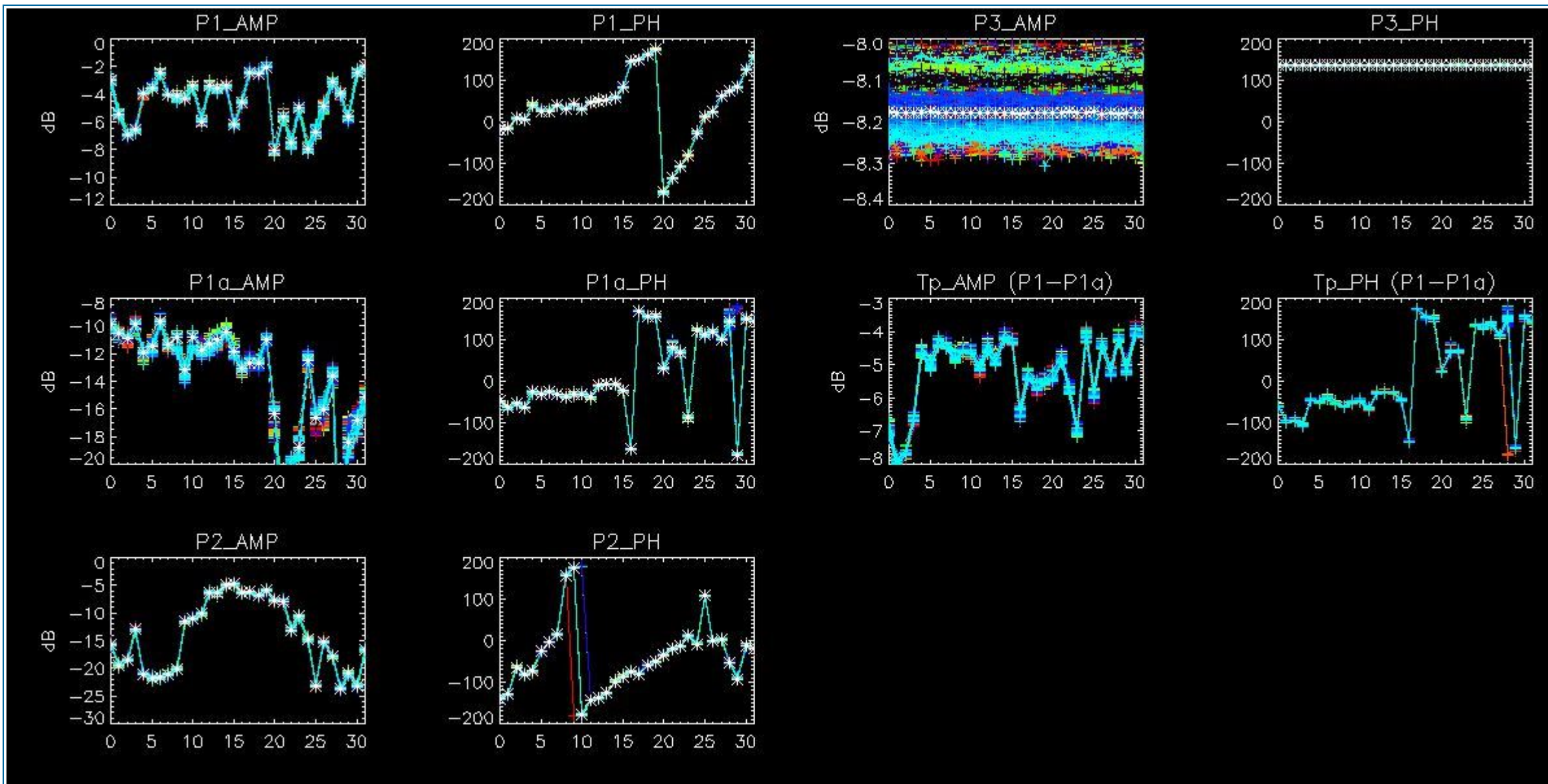


Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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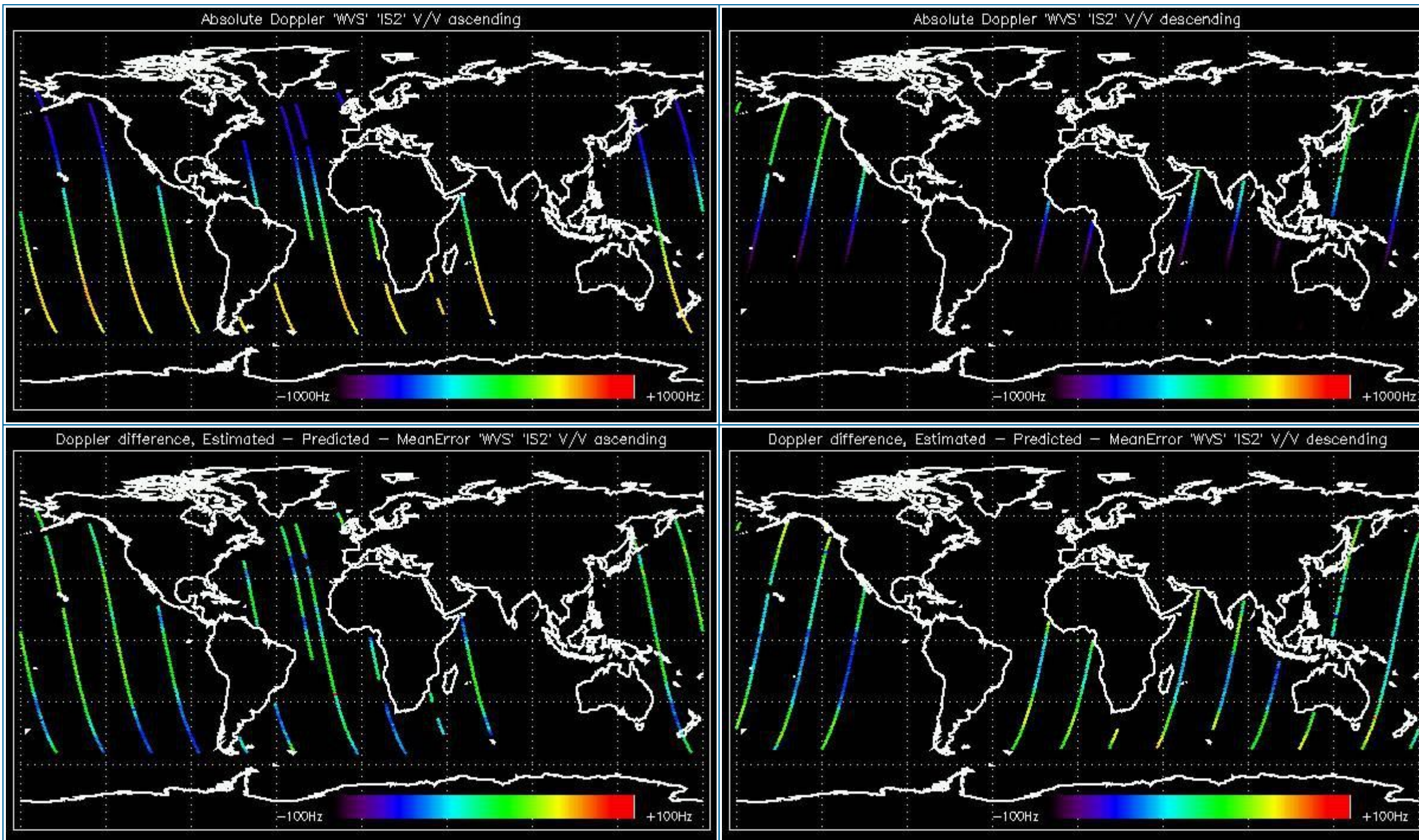
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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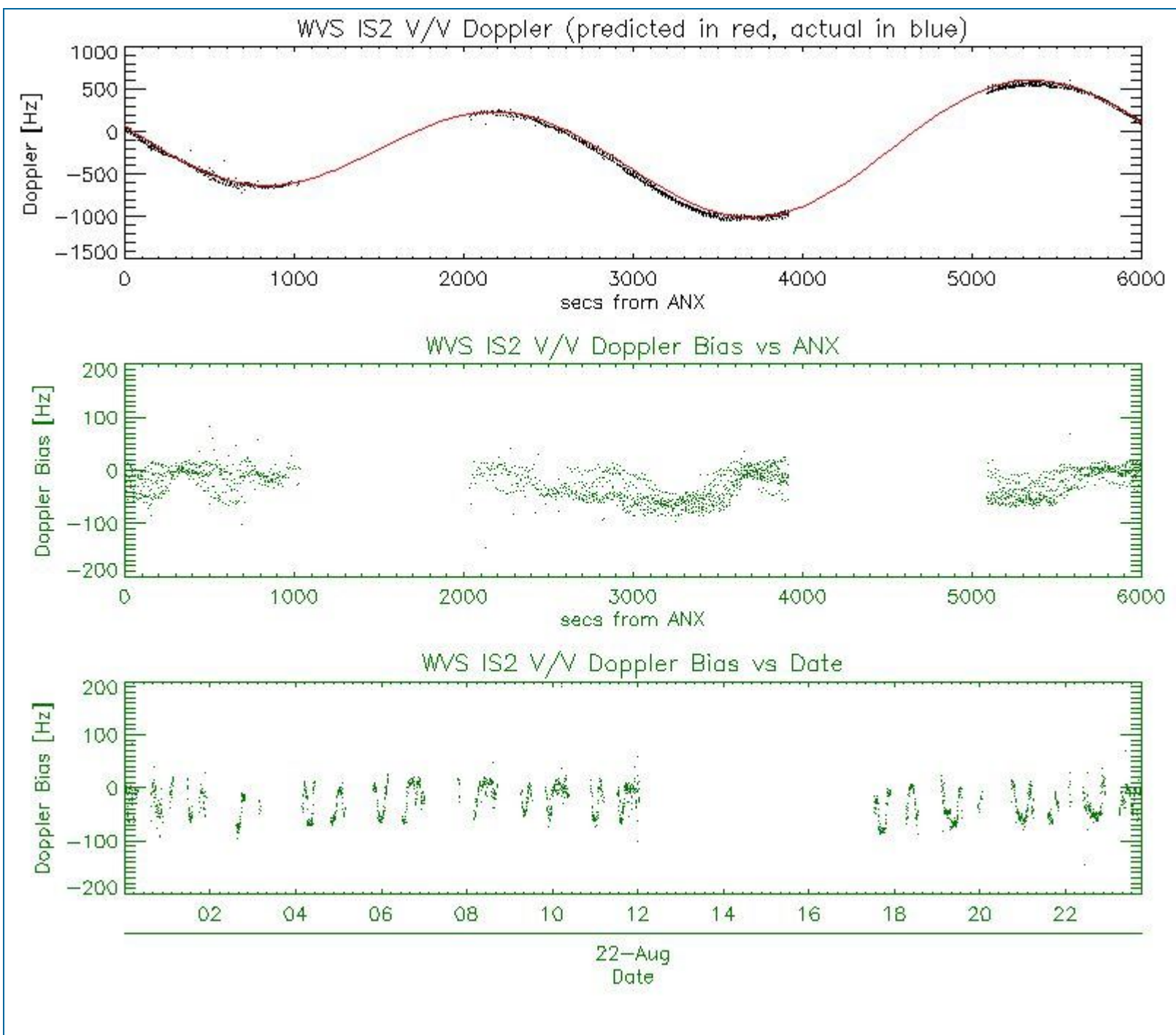




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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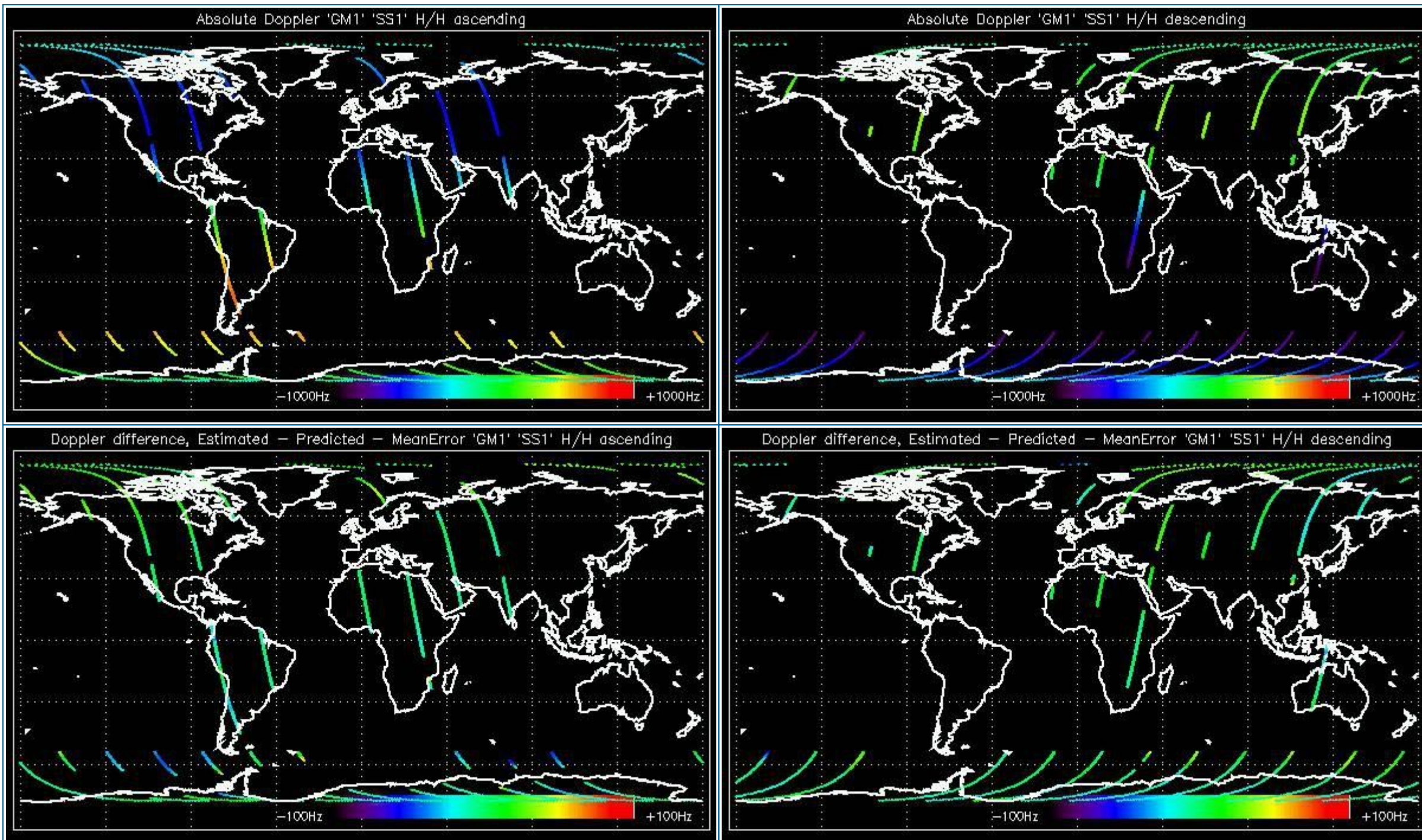


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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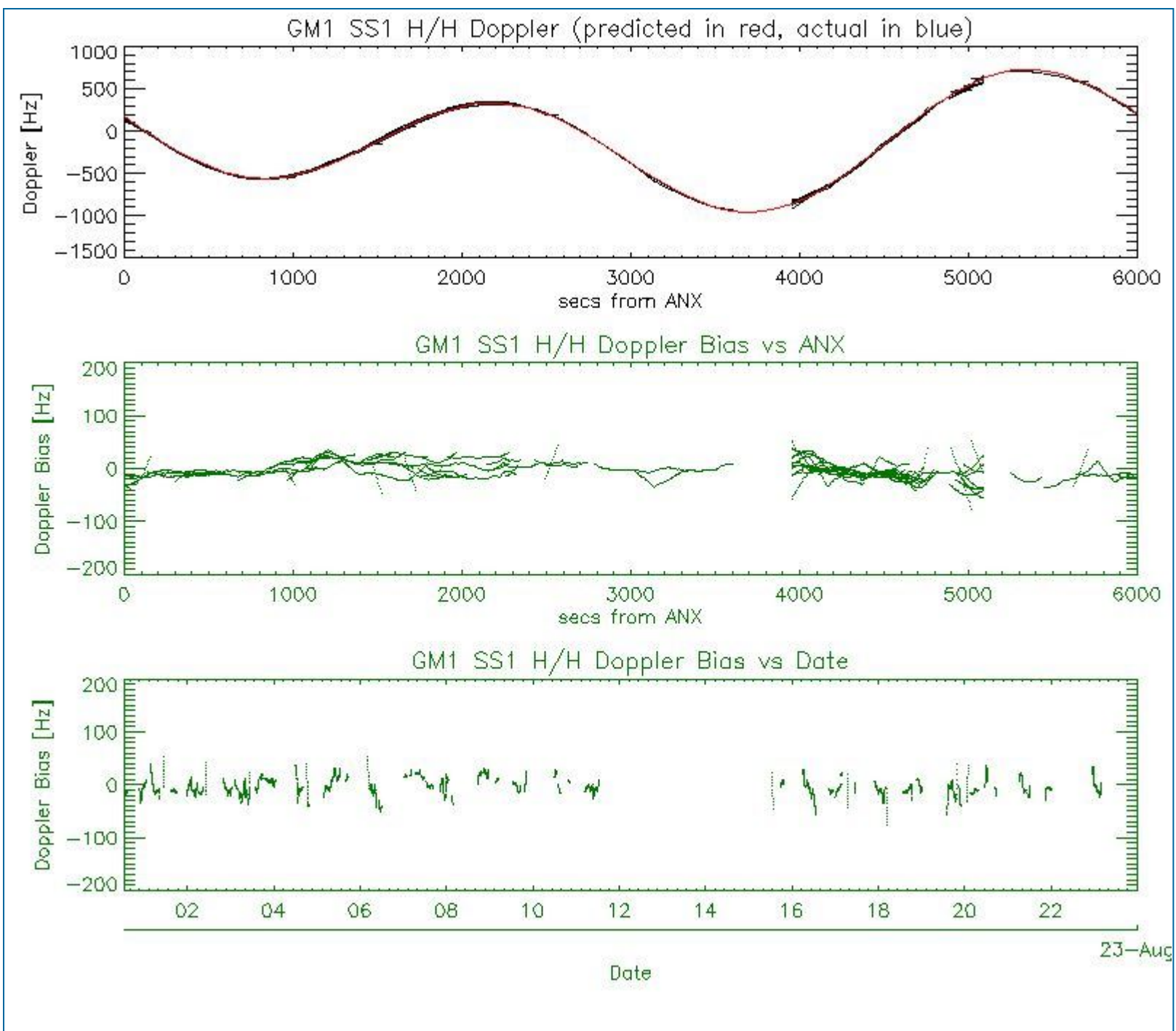




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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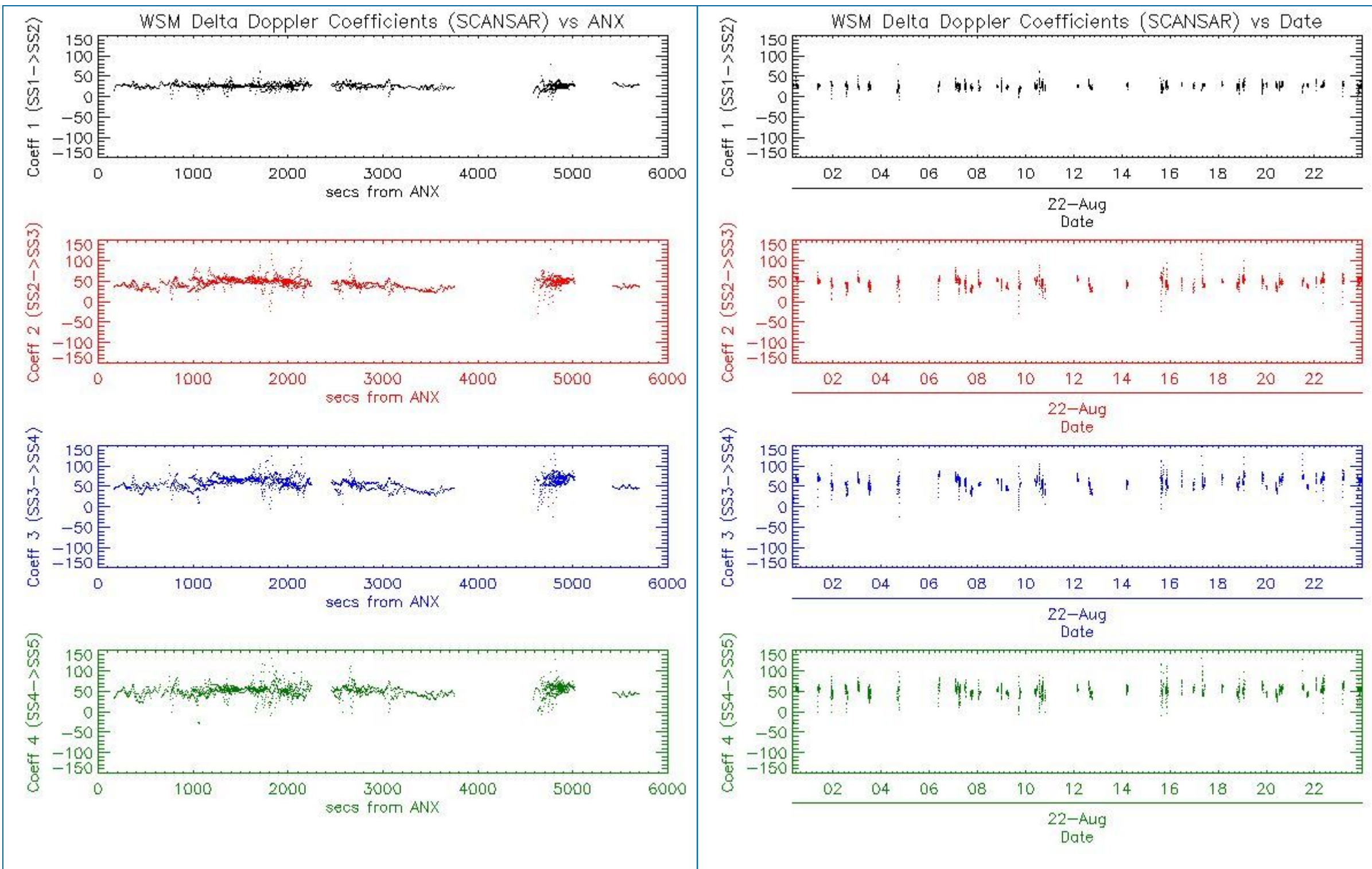




5.3 - Doppler JUMPS Analysis for WSM

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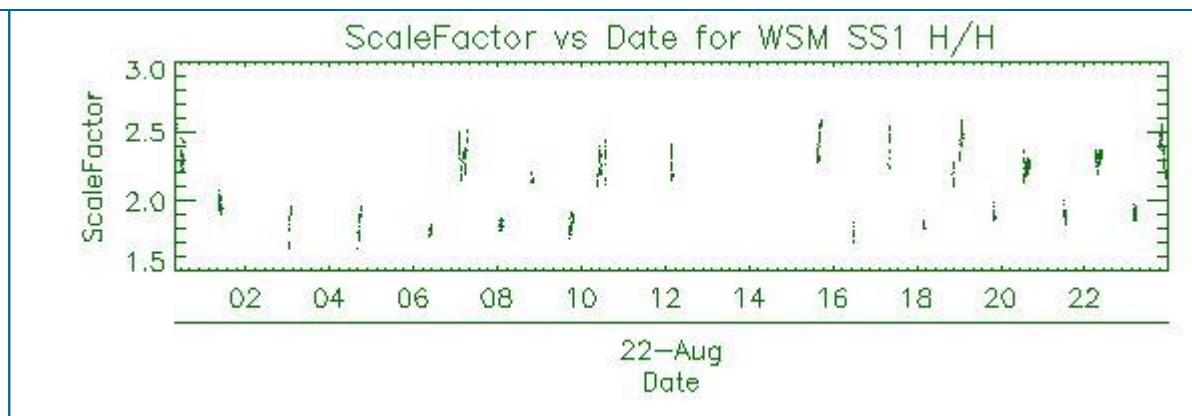
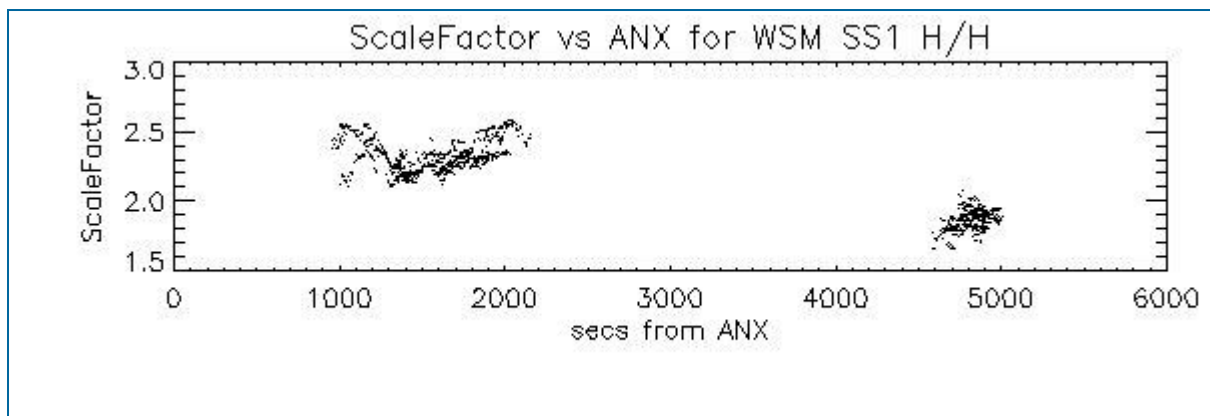
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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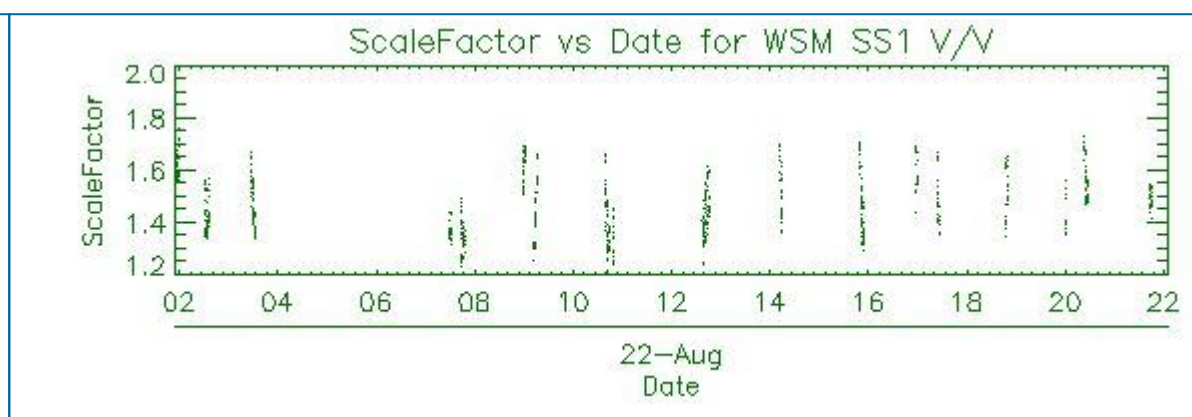
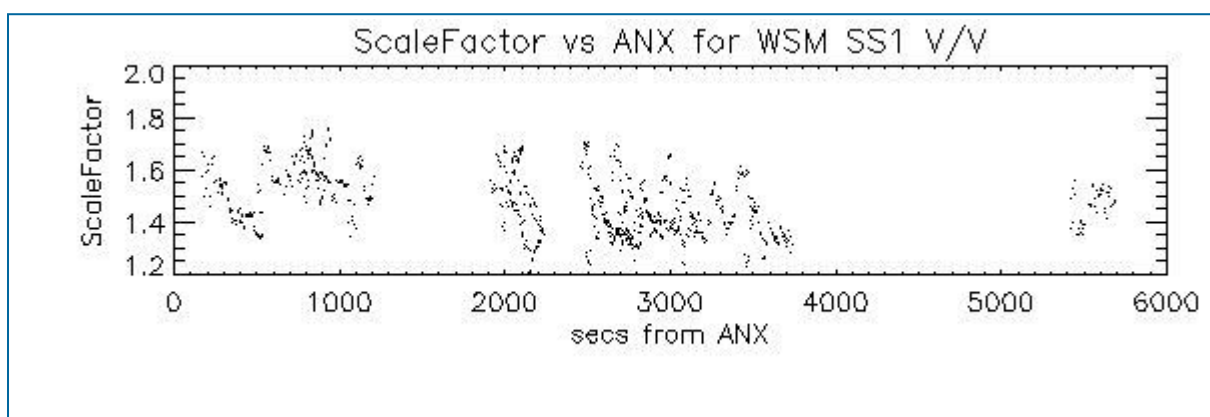




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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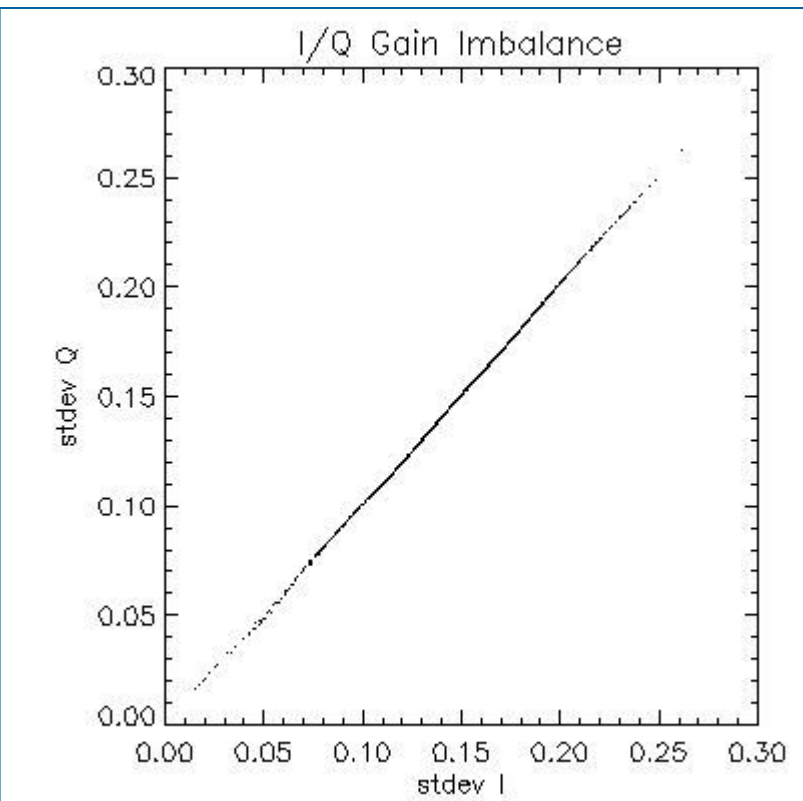
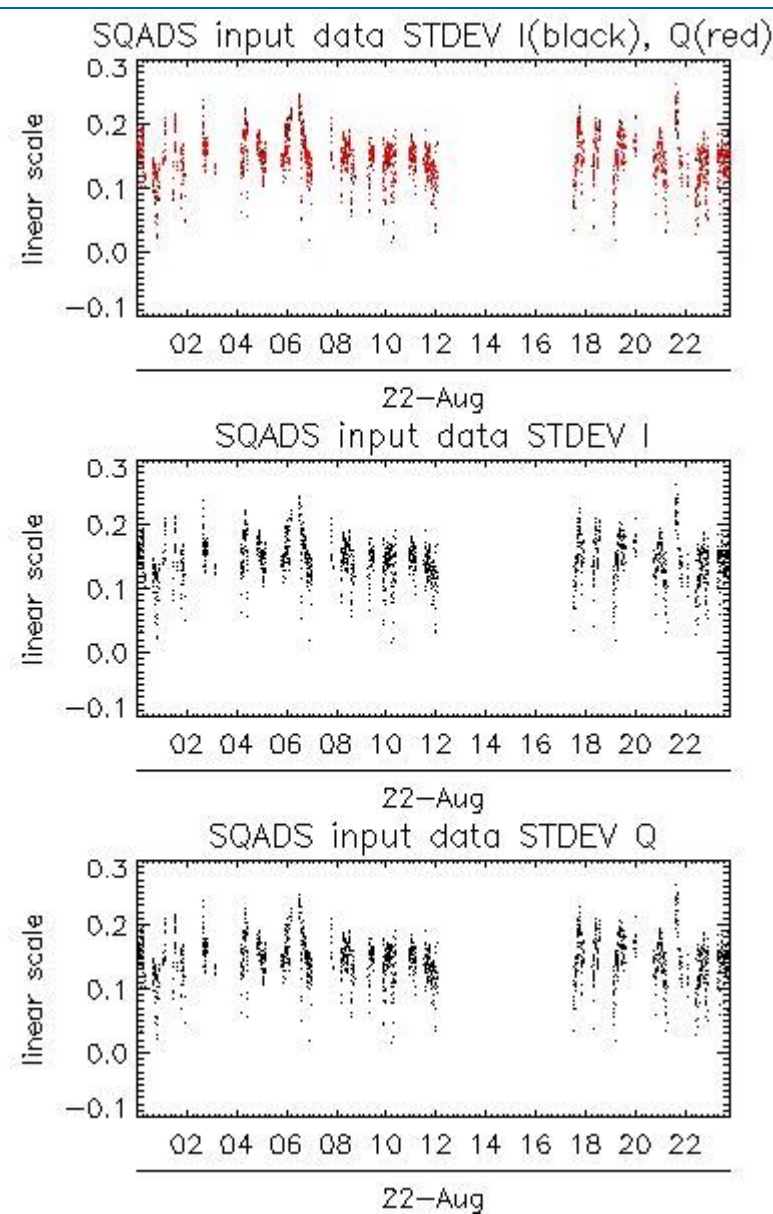
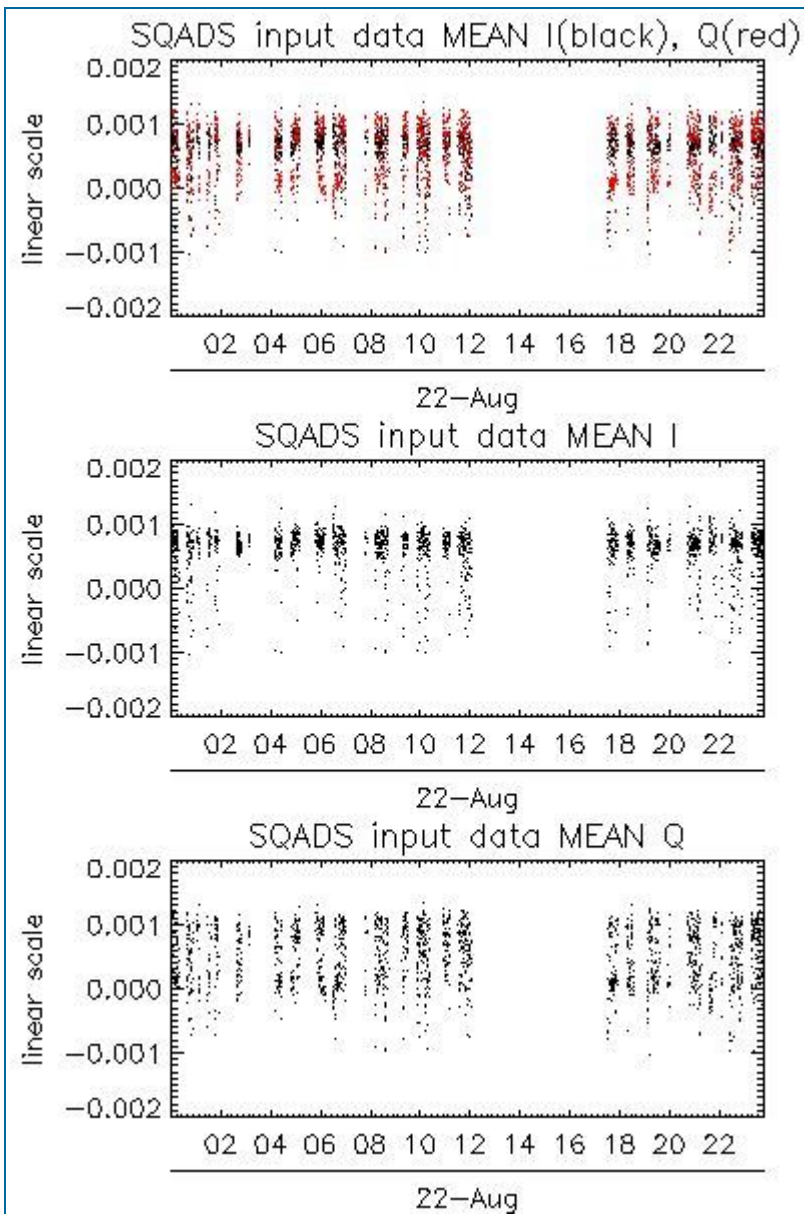


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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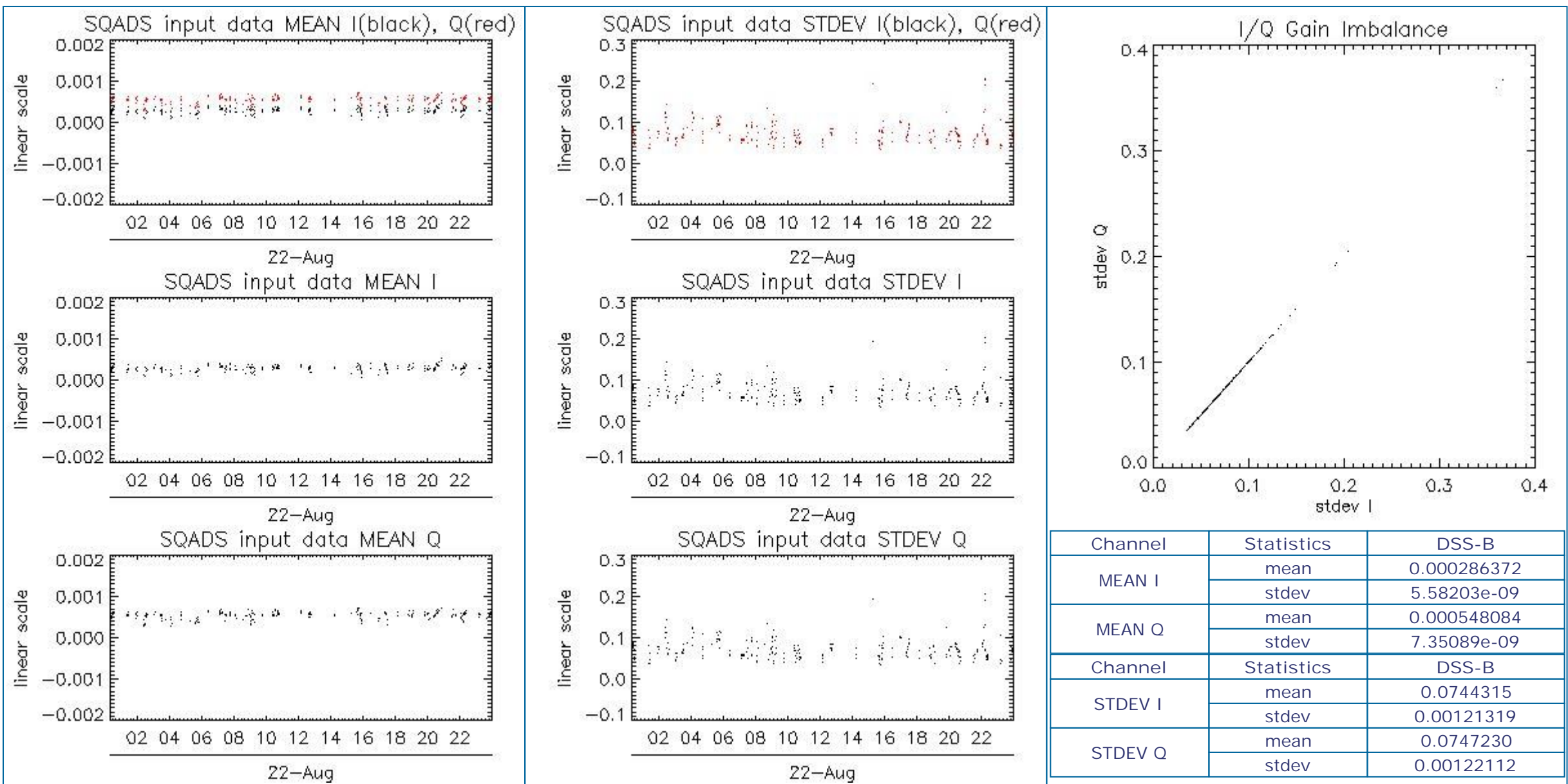


Channel	Statistics	DSS-B
MEAN I	mean	0.000609324
	stdev	1.20536e-07
MEAN Q	mean	0.000509065
	stdev	2.10327e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.147543
	stdev	0.00122726
STDEV Q	mean	0.148063
	stdev	0.00125204

7.2 - Analysis for IMM

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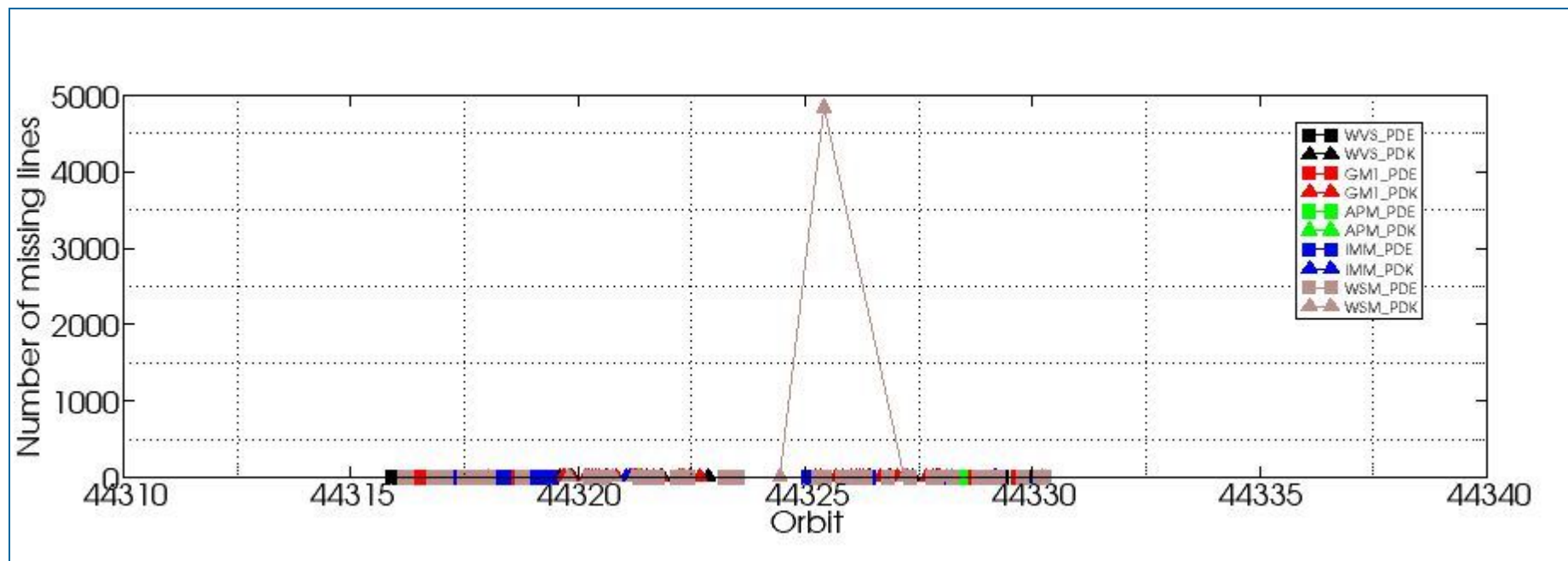
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WSM_1PNPDK20100822_154925_000003302092_00183_44325_9455.N1	7	4837

8.1 - Number of Missing lines

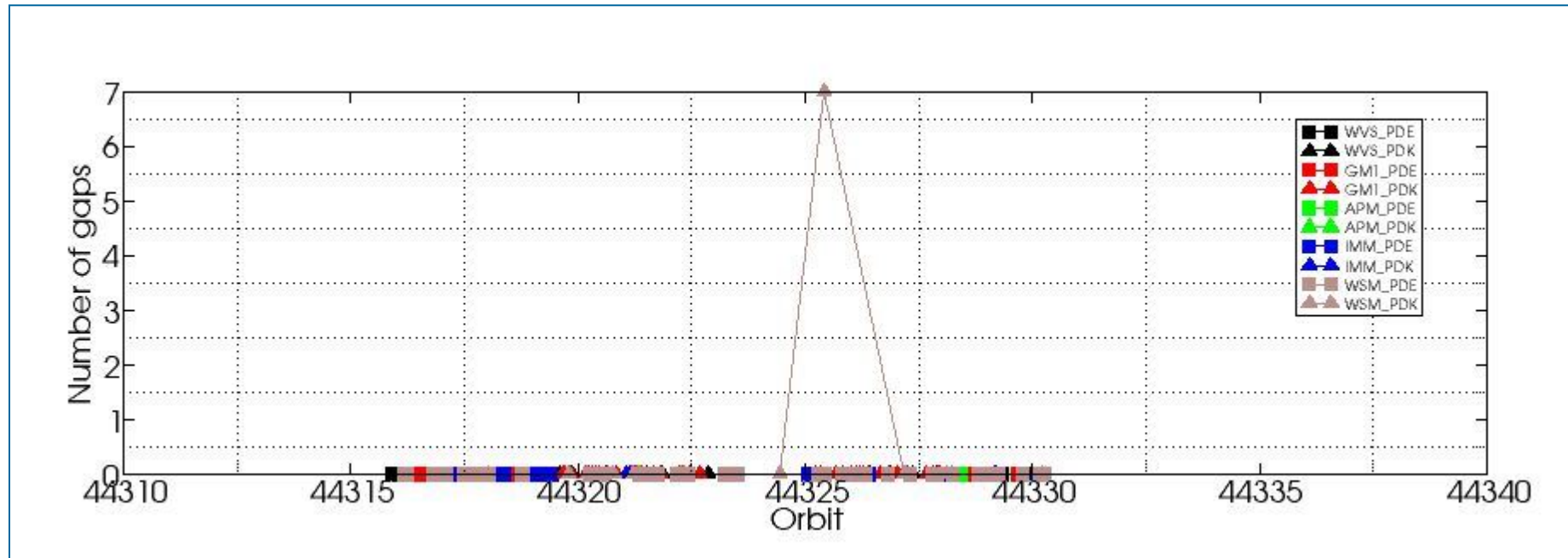
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8.2 - Number of Gaps

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ASAR DAILY REPORT for 100822
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100822/

DATA SUMMARY

Summary will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100822/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_100822/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_100822/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100822/AUXILIARY

Creating directory ./RESULTS/DAILY/_100822/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20100822*current_3_IECF_ADFs.txt
 Found list 20100822_030004_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
 ASA_INS_AXVIEC20091217_114637_20090428_100000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

Writing file ./RESULTS/DAILY/_100822/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20100822_003657_000009472092_00174_44316_6536.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_010316_000003002092_00174_44316_6538.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_012758_000001502092_00174_44316_6543.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_012943_000003002092_00174_44316_6555.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_014509_000005392092_00175_44317_6558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_023653_000003592092_00175_44317_6564.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_024238_000003752092_00175_44317_6579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_030834_000001202092_00175_44317_6576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_040913_000009742092_00176_44318_6575.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_042512_00000902092_00176_44318_6601.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_044910_000011992092_00176_44318_6597.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_054823_000010792092_00177_44319_6595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_204420_000005092092_00186_44328_6714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_205422_000012592092_00186_44328_6716.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_213500_000002102092_00186_44328_6717.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_213745_000002402092_00186_44328_6732.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_214520_000003292092_00186_44328_6733.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_220514_000001652092_00187_44329_6734.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_222502_000018592092_00187_44329_6736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_231536_000002692092_00187_44329_6737.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_231921_000013042092_00187_44329_6750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20100822_234225_000002702092_00188_44330_6751.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_060607_000002252092_00177_44319_9311.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_062946_000018742092_00177_44319_9315.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_062946_000018742092_00177_44319_9317.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_062946_000018742092_00177_44319_9319.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_074801_000001502092_00178_44320_9354.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_081022_000011842092_00178_44320_9356.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_083140_000004942092_00179_44321_9357.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_084120_000001202092_00179_44321_9360.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_091626_000008842092_00179_44321_9386.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_095058_000019042092_00179_44321_9389.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_105421_000010492092_00180_44322_9422.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_113134_000018442092_00180_44322_9424.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_173130_000013642092_00184_44326_9595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_181631_000009892092_00184_44326_9592.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_190553_000017392092_00185_44327_9581.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_195707_000001202092_00185_44327_9579.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20100822_200142_00000592092_00185_44327_9576.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_GM1.xls...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_GM1.txt...



Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_APM.xls...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20100822_205333_000000422092_00186_44328_6728.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_APM_1PNPDK20100822_090127_000000432092_00179_44321_9374.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_IMM.xls...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20100822_002149_000002382092_00174_44316_6552.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_022232_000001492092_00175_44317_6570.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_022632_000000832092_00175_44317_6571.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_034440_000000372092_00176_44318_6585.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_040214_000003532092_00176_44318_6586.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_051453_000000632092_00177_44319_6598.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_053530_000002962092_00177_44319_6593.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_054359_000002582092_00177_44319_6594.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_072325_000001392092_00178_44320_6618.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_090250_000001522092_00179_44321_6648.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_090600_000000842092_00179_44321_6649.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_151541_000000372092_00183_44325_6690.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_172759_000001712092_00184_44326_6708.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_200456_000001582092_00185_44327_6712.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_220218_000000372092_00187_44329_6730.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDE20100822_234142_000000372092_00188_44330_6748.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDK20100822_083050_000000442092_00179_44321_9368.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDK20100822_084034_000000402092_00179_44321_9372.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDK20100822_220836_000000632092_00187_44329_9561.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_IMM_1PNPDK20100822_221032_000002522092_00187_44329_9560.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing WSM products...

Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_WSM.xls...
 Writing file ./RESULTS/DAILY/_100822/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20100822_001858_000001162092_00174_44316_6533.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_002619_000001042092_00174_44316_6550.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_002847_000002262092_00174_44316_6553.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_012201_000002752092_00174_44316_6554.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_015447_000002942092_00175_44317_6568.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_023036_000003672092_00175_44317_6559.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_030129_000002942092_00175_44317_6572.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_032853_000002452092_00176_44318_6573.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_044035_000002202092_00176_44318_6608.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_044035_000002202092_00176_44318_6612.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_044433_000000672092_00176_44318_6605.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_071159_000003062092_00178_44320_6617.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_072855_000001712092_00178_44320_6619.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_074255_000003062092_00178_44320_6620.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_085857_000001532092_00179_44321_6647.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_091157_000002692092_00179_44321_6650.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_094310_000003002092_00179_44321_6676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_102324_000002392092_00180_44322_6677.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_102830_000000862092_00180_44322_6678.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_104234_000000922092_00180_44322_6673.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_104805_000000982092_00180_44322_6674.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_120754_000002142092_00181_44323_6679.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_123732_000005142092_00181_44323_6680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WSM_1PNPDE20100822_153629_000003852092_00183_44325_6701.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WSM_1PNPDE20100822_154938_000003002092_00183_44325_6702.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_162845_000001282092_00183_44325_6692.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_165728_000001532092_00184_44326_6703.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_171927_000001842092_00184_44326_6706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_172317_000002022092_00184_44326_6707.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_180931_000001162092_00184_44326_6704.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_190101_000002942092_00185_44327_6710.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_194906_000001712092_00185_44327_6709.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_195956_000001102092_00185_44327_6711.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_203437_000003792092_00186_44328_6727.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_213018_000002142092_00186_44328_6725.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_214223_000001772092_00186_44328_6729.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_220339_000000862092_00187_44329_6731.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_221517_000005872092_00187_44329_6747.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_230955_000002812092_00187_44329_6746.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_234746_000002142092_00188_44330_6749.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_235157_000002942092_00188_44330_6765.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_235157_000002942092_00188_44330_6766.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20100822_235730_000000982092_00188_44330_6763.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_032659_000003922092_00176_44318_9295.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_062307_000001842092_00177_44319_9322.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_070432_000002942092_00178_44320_9325.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_080307_000002632092_00178_44320_9371.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_084900_000001102092_00179_44321_9373.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_085909_000001282092_00179_44321_9375.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_103330_000001222092_00180_44322_9396.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_103832_000003182092_00180_44322_9398.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_141151_000002082092_00182_44324_9426.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_154925_000003302092_00183_44325_9455.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_184711_000001772092_00185_44327_9590.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_185103_000001282092_00185_44327_9589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_202253_000003242092_00186_44328_9563.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_203228_000001712092_00186_44328_9562.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20100822_235052_000000982092_00188_44330_9559.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_100822/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_100822/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_100822/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS_0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS_0PNPDK20100822_061210_000000162092_00177_44319_0191.N1
H
H
../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/TGH_20100822_061210-20010209_135042.png
../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/TPH_20100822_061210-20010209_135042.png
../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/RGH_20100822_061210-20010209_135042.png
../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/RPH_20100822_061210-20010209_135042.png



Polarization: V
 Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
 Test product: ASA_MS__0PNPDK20100821_064348_000000162092_00163_44305_0190.N1

V
 V
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/TGV_20100821_064348-20010209_140823.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/TPV_20100821_064348-20010209_140823.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/RGV_20100821_064348-20010209_140823.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/SECOND_REFERENCE/RPV_20100821_064348-20010209_140823.png

Creating images comparing with previous product reference...
 Exporting results to the directory ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
 Reference product: ASA_MS__0PNPDK20100820_071525_000000162092_00149_44291_0189.N1
 Test product: ASA_MS__0PNPDK20100822_061210_000000162092_00177_44319_0191.N1

H
 H
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20100822_061210-20100820_071525.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20100822_061210-20100820_071525.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20100822_061210-20100820_071525.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20100822_061210-20100820_071525.png

Polarization: V
 Reference product: ASA_MS__0PNPDK20100819_074702_000000162092_00135_44277_0188.N1
 Test product: ASA_MS__0PNPDK20100821_064348_000000162092_00163_44305_0190.N1

V
 V
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20100821_064348-20100819_074702.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20100821_064348-20100819_074702.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20100821_064348-20100819_074702.png
 ../../RESULTS/DAILY/_100822/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20100821_064348-20100819_074702.png

MODULE_STEPPING ANALYSIS completed
 #####

CALIBRATION PULSES ANALYSIS
 #####
 Creating directory ./RESULTS/DAILY/_100822/CALIBRATION_PULSES...

 ALL ROWS Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing products WVS IS2 V/V
 Writing image ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
 Analysing products GM1 SS3 H/H
 Writing image ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

 TEMPORAL EVOLUTION Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing products WVS IS2 V/V
 Getting calibration pulses data for WVS IS2 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 1/5/9/13/17/21/25/29
 Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-08-22_1.dat...
 Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...
 Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-08-22_2.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-08-22_3.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-08-22_4.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-08-22_1.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-08-22_2.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-08-22_3.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/_100822/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-08-22_4.dat...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/_100822//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/_100822/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
Writing file ./RESULTS/DAILY/_100822/DOPPLER/Doppler_data_WVS_IS2_VV_2010-08-22.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_100822/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H
Getting doppler data for GM1 SS1 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...



Writing file ./RESULTS/DAILY/_100822/DOPPLER/Doppler_data_GM1_SS1_HH_2010-08-22.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_100822/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

 DOPPLER JUMPS Analysis will be performed on WSM products from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing by default products WSM
 Getting doppler jumps data for WSM from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...
 Writing file ./RESULTS/DAILY/_100822/DOPPLER/Doppler_Jumps_data_WSM_2010-08-22.dat...
 Running IDL program...
 Writing file ../../RESULTS/DAILY/_100822/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...
 Writing file ../../RESULTS/DAILY/_100822/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

 DOPPLER MAP Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing products WVS IS2 V/V
 Loading predicted doppler values....
 Phase: descending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -33.302106 Hz
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

 Loading predicted doppler values....
 Phase: ascending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -16.887455 Hz
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
 Writing file ../../RESULTS/DAILY/_100822//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 = -0.43822260 Hz
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

 Loading predicted doppler values....
 Phase: ascending
 Found data...
 Computing mean error doppler estimated-predicted...
 Mean error = -7.4953232 Hz
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
 Writing file ../../RESULTS/DAILY/_100822//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

 DOPPLER ANALYSIS completed
 #####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_100822/CHIRP...

CHIRP Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...

Writing file ./RESULTS/DAILY/_100822/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-08-22.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100822/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...

Writing file ../../RESULTS/DAILY/_100822/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...

Writing file ./RESULTS/DAILY/_100822/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-08-22.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_100822/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...

Writing file ../../RESULTS/DAILY/_100822/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_100822/RAW_DATA

Creating directory ./RESULTS/DAILY/_100822/RAW_DATA...

Getting raw data for WVS from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...

Writing file ./RESULTS/DAILY/_100822/RAW_DATA/Raw_data_WVS_2010-08-22.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_WVS_input_mean.png...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_WVS_input_stdev.png...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-08-22 00:00:00 to 2010-08-22 23:59:59...

Writing file ./RESULTS/DAILY/_100822/RAW_DATA/Raw_data_IMM_2010-08-22.dat...

Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_IMM_input_mean.png...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_IMM_input_stdev.png...

Creating image ../../RESULTS/DAILY/_100822/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2010-08-22 00:00:00 to 2010-08-22 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/_100822/TELEMETRY

Creating directory ./RESULTS/DAILY/_100822/TELEMETRY...

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

Checking 23 products from PDE...

Checking 17 products from PDK...

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

Checking 24 products from PDE...

Checking 39 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 16 products from PDE...

Checking 4 products from PDK...

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

Checking 43 products from PDE...

Checking 15 products from PDK...

Found product...ASA_WSM_1PNPDK20100822_154925_000003302092_00183_44325_9455.N1 / 7 gaps / 4837 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_100822/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_100822/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_100822/asarReport.html...

Building DATA SUMMARY section...

Building AUXILIARY FILES ANALYSIS section...

Building MODULE STEPPING ANALYSIS section...

Building CALIBRATION PULSES ANALYSIS section...

Building DOPPLER ANALYSIS section...

Building CHIRP ANALYSIS section...

Building RAW DATA ANALYSIS section...

Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed

#####



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

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
ASA_APM_1PNPDE20100822_205333_000000422092_00186_44328_6728.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20100822_090127_000000432092_00179_44321_9374.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_1PNPDE20100822_003235_000002592092_00174_44316_6535.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_005329_000005862092_00174_44316_6540.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_010855_000007792092_00174_44316_6539.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_012640_000000722092_00174_44316_6542.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_013656_000004892092_00174_44316_6556.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_015945_000013592092_00175_44317_6557.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_022511_000000782092_00175_44317_6565.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_024931_000007132092_00175_44317_6582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_030627_000001202092_00175_44317_6581.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_031112_000001872092_00175_44317_6580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_031424_000007492092_00175_44317_6578.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_033333_000006652092_00176_44318_6577.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_034530_000010032092_00176_44318_6574.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_043007_000006222092_00176_44318_6604.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_044549_000001992092_00176_44318_6603.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_050951_000003022092_00177_44319_6602.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_051611_000009852092_00177_44319_6599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_054035_000002052092_00177_44319_6596.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_202822_000002412092_00186_44328_6713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_204101_000001992092_00186_44328_6715.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_211606_000008462092_00186_44328_6718.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_215138_000005072092_00187_44329_6735.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_225642_000007852092_00187_44329_6738.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20100822_235914_000004712092_00188_44330_6752.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_061044_000000782092_00177_44319_9309.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_061326_000002592092_00177_44319_9308.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_061736_000003262092_00177_44319_9310.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_062612_000002112092_00177_44319_9312.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_070143_000001632092_00178_44320_9313.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_070926_000001442092_00178_44320_9314.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_071719_000003682092_00178_44320_9342.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_072554_000001752092_00178_44320_9343.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_073147_000006282092_00178_44320_9353.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_075119_000007012092_00178_44320_9355.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_080731_000001692092_00178_44320_9358.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_084357_000002952092_00179_44321_9359.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_085054_000003082092_00179_44321_9361.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_085519_000002112092_00179_44321_9383.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_090731_000002592092_00179_44321_9384.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_093155_000006712092_00179_44321_9385.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_094812_000001632092_00179_44321_9387.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_103001_000002052092_00180_44322_9388.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_103535_000001692092_00180_44322_9420.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_104949_000000962092_00180_44322_9421.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_111231_000011422092_00180_44322_9423.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_153241_000000722092_00183_44325_9615.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_154358_000003202092_00183_44325_9614.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_161419_000008582092_00183_44325_9613.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_163103_000001322092_00183_44325_9611.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_165115_000003682092_00184_44326_9610.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_170016_000005312092_00184_44326_9608.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_170753_000001572092_00184_44326_9599.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_171641_000000722092_00184_44326_9598.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_172641_000000722092_00184_44326_9597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_175455_000008702092_00184_44326_9596.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_181132_000000722092_00184_44326_9594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_183348_000007612092_00185_44327_9593.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_184518_000001022092_00185_44327_9587.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_185320_000004532092_00185_44327_9586.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_193531_000008102092_00185_44327_9582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_195201_000001502092_00185_44327_9580.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_200320_000000902092_00185_44327_9578.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20100822_200745_000006892092_00185_44327_9577.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_1PNPDE20100822_002149_000002382092_00174_44316_6552.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_022232_000001492092_00175_44317_6570.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_022632_000000832092_00175_44317_6571.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_034440_000000372092_00176_44318_6585.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_040214_000003532092_00176_44318_6586.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_051453_000000632092_00177_44319_6598.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_053530_000002962092_00177_44319_6593.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_054359_000002582092_00177_44319_6594.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_072325_000001392092_00178_44320_6618.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_090250_000001522092_00179_44321_6648.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_090600_000000842092_00179_44321_6649.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_151541_000000372092_00183_44325_6690.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_172759_000001712092_00184_44326_6708.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_200456_000001582092_00185_44327_6712.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_220218_000000372092_00187_44329_6730.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20100822_234142_000000372092_00188_44330_6748.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100822_083050_000000442092_00179_44321_9368.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100822_084034_000000402092_00179_44321_9372.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100822_220836_000000632092_00187_44329_9561.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20100822_221032_000002522092_00187_44329_9560.N1					OK	OK	OK	OK

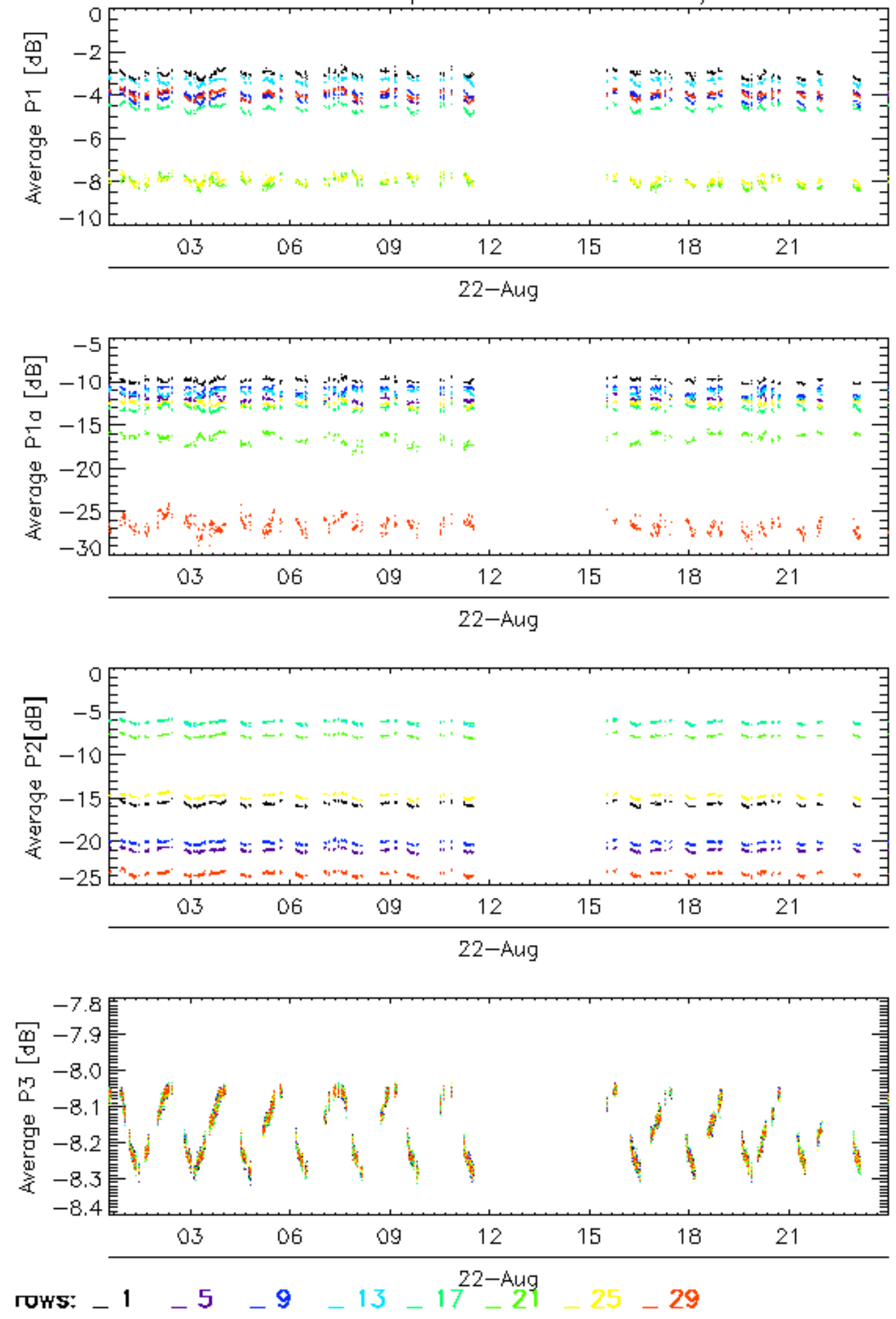
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20100822_001858_000001162092_00174_44316_6533.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_002619_000001042092_00174_44316_6550.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_002847_000002262092_00174_44316_6553.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_012201_000002752092_00174_44316_6554.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_015447_000002942092_00175_44317_6568.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_023036_000003672092_00175_44317_6559.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_030129_000002942092_00175_44317_6572.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_032853_000002452092_00176_44318_6573.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20100822_044035_000002202092_00176_44318_6608.N1					OK	OK	OK	OK
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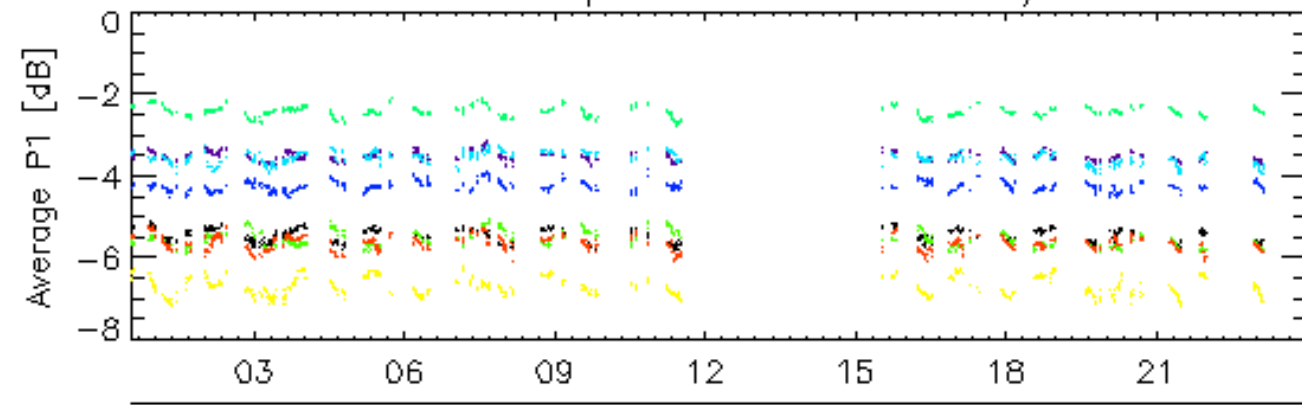
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20100822_012943_000003002092_00174_44316_6555.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20100822_014509_000005392092_00175_44317_6558.N1					OK	OK	OK	OK
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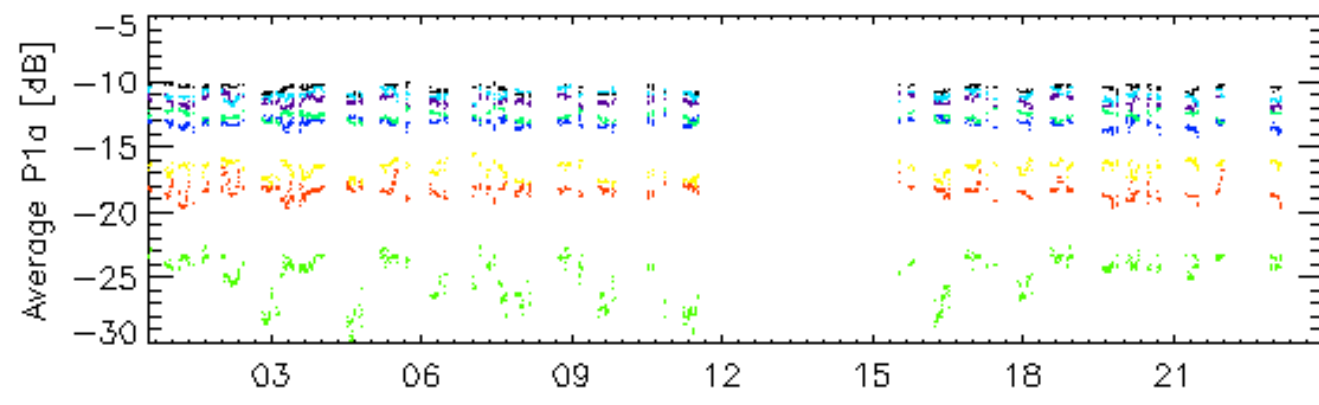
Calibration pulses for GM1 SS3 H/H



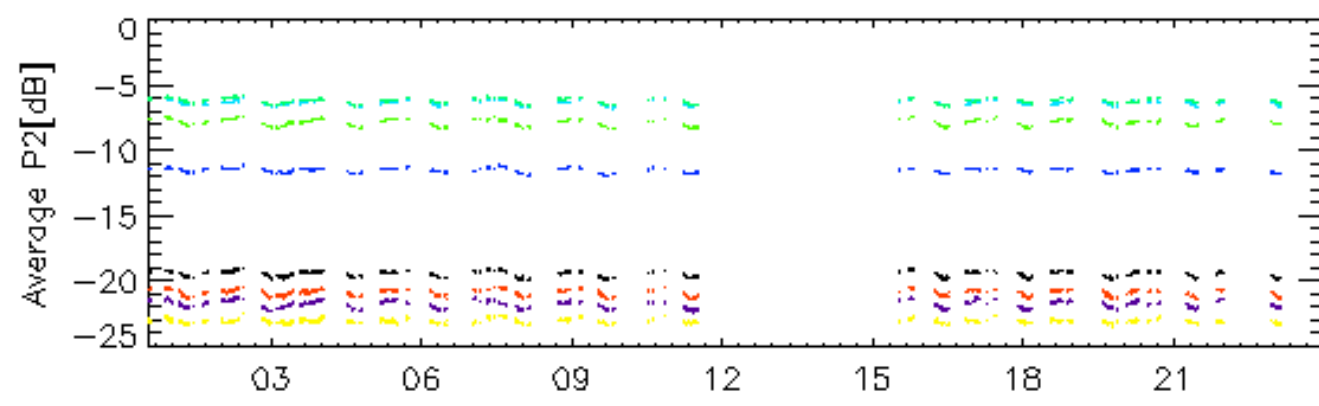
Calibration pulses for GM1 SS3 H/H



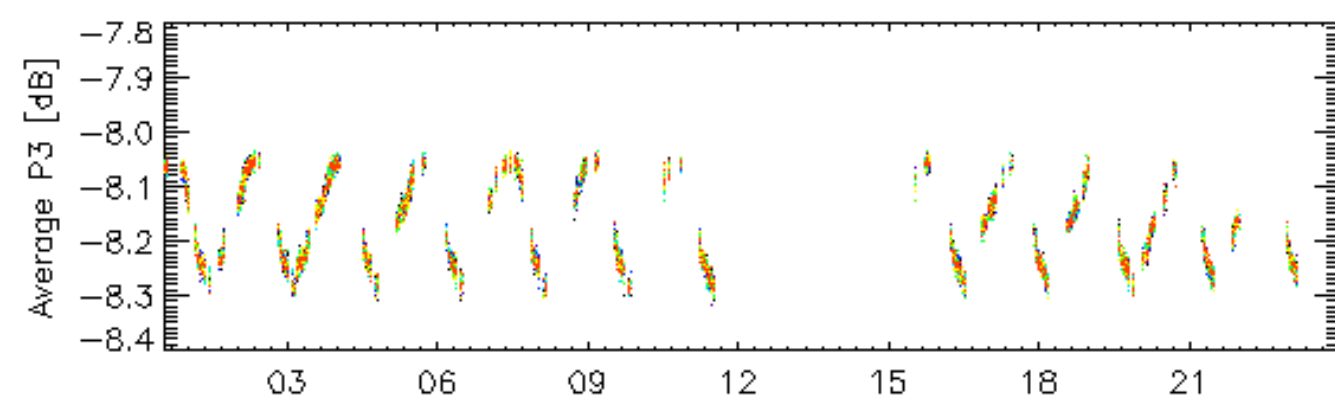
22-Aug



22-Aug



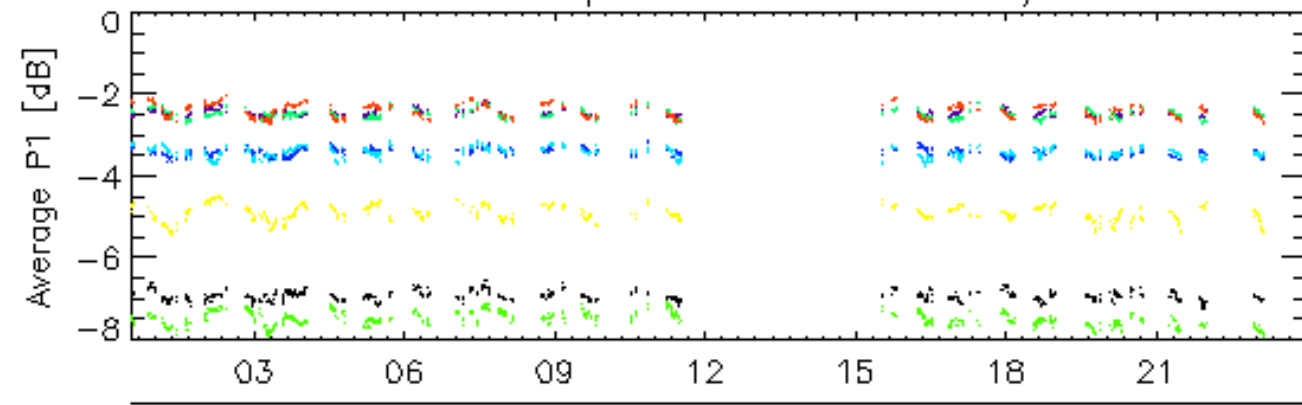
22-Aug



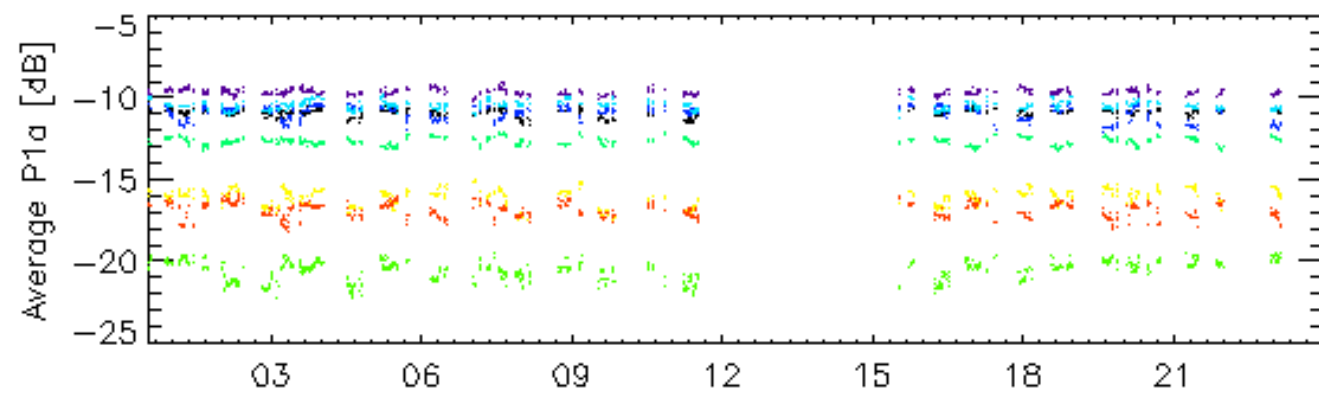
22-Aug

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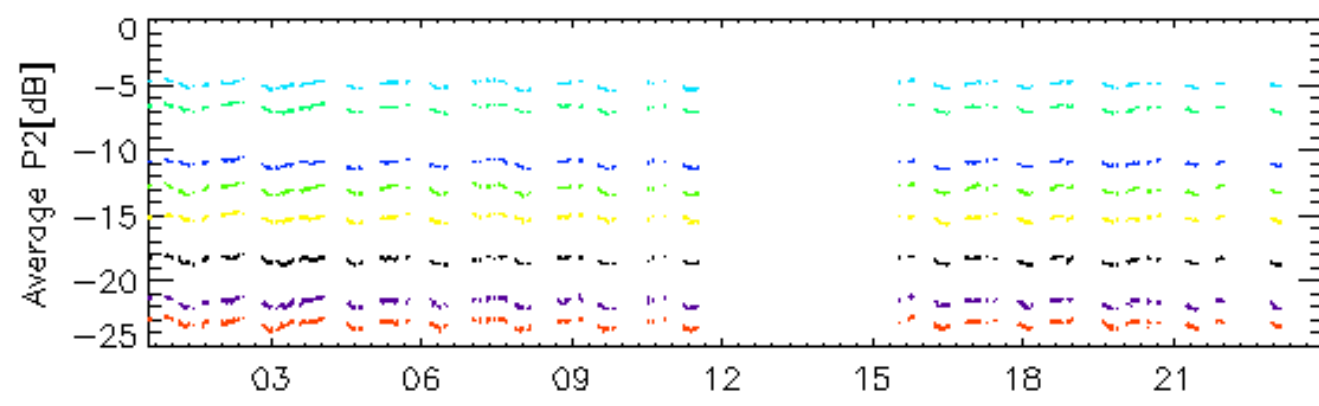
Calibration pulses for GM1 SS3 H/H



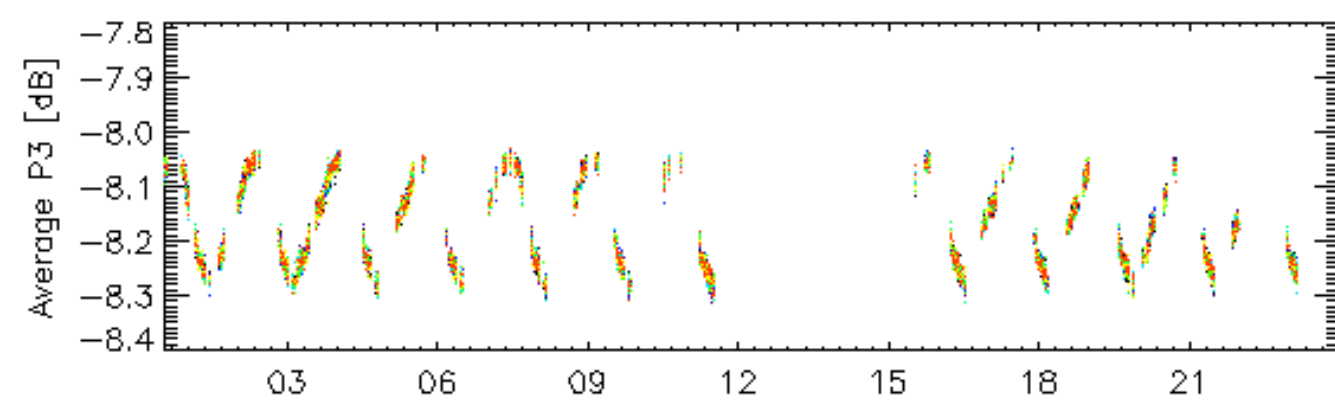
22-Aug



22-Aug



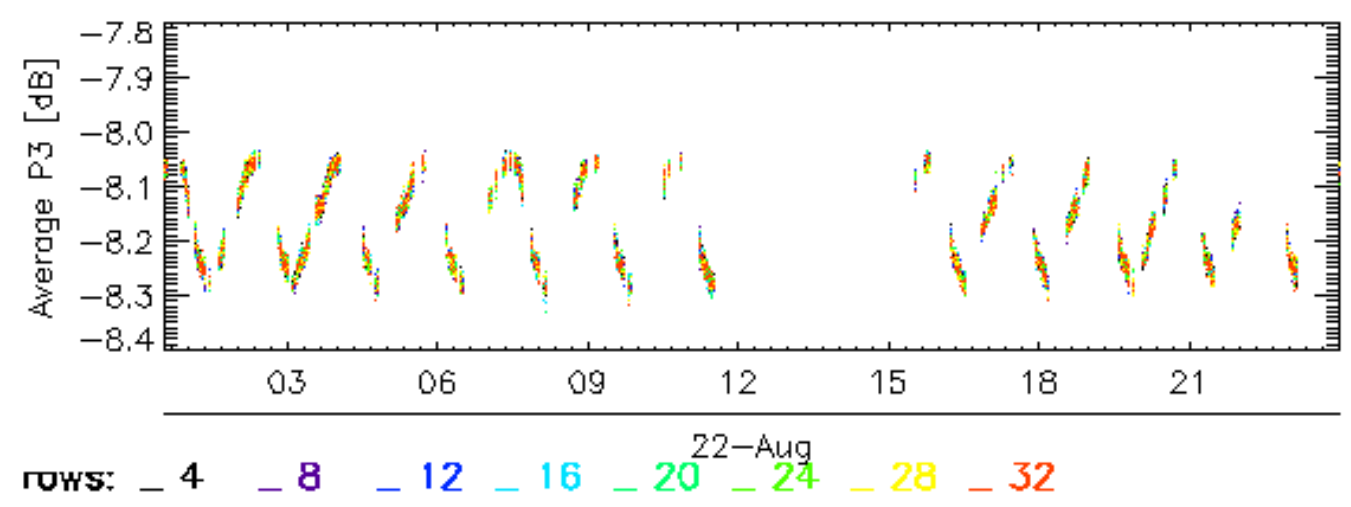
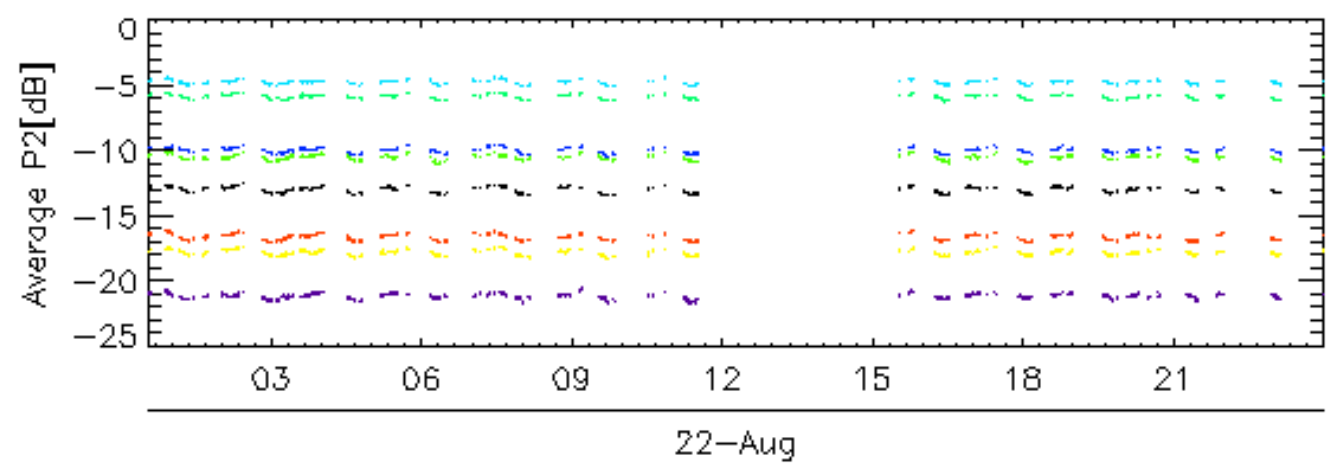
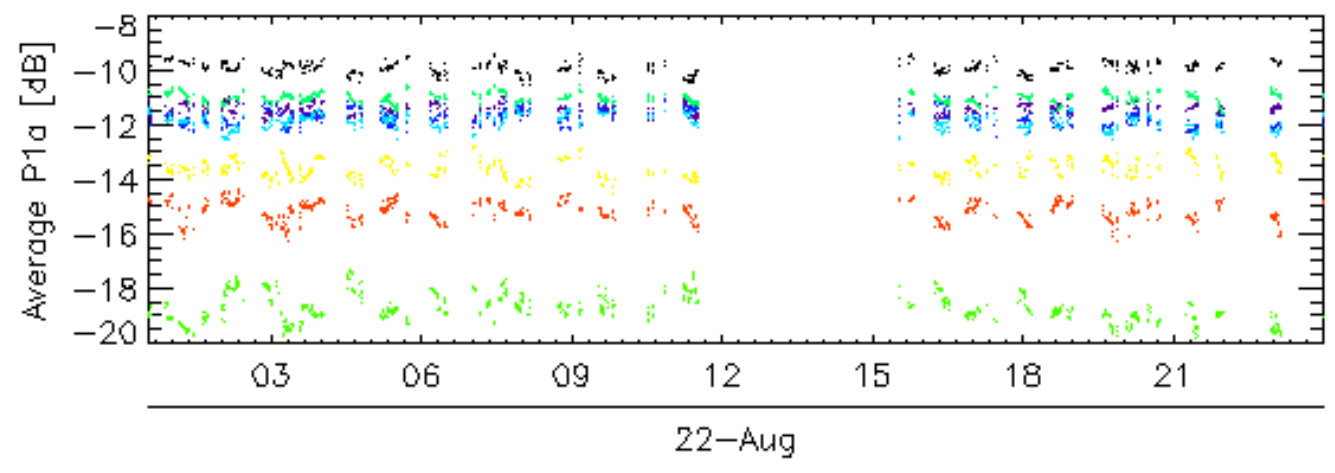
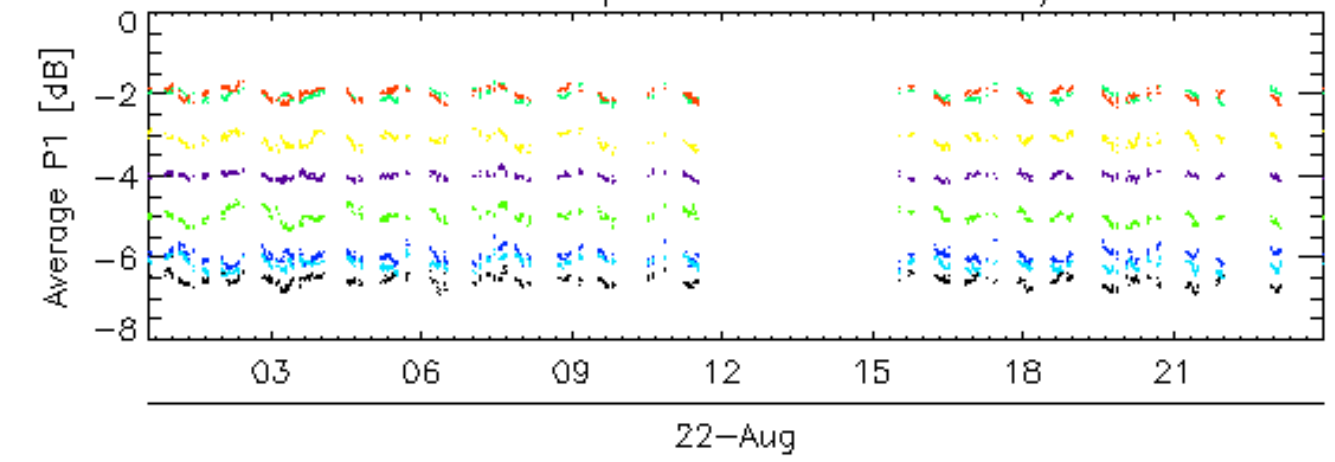
22-Aug



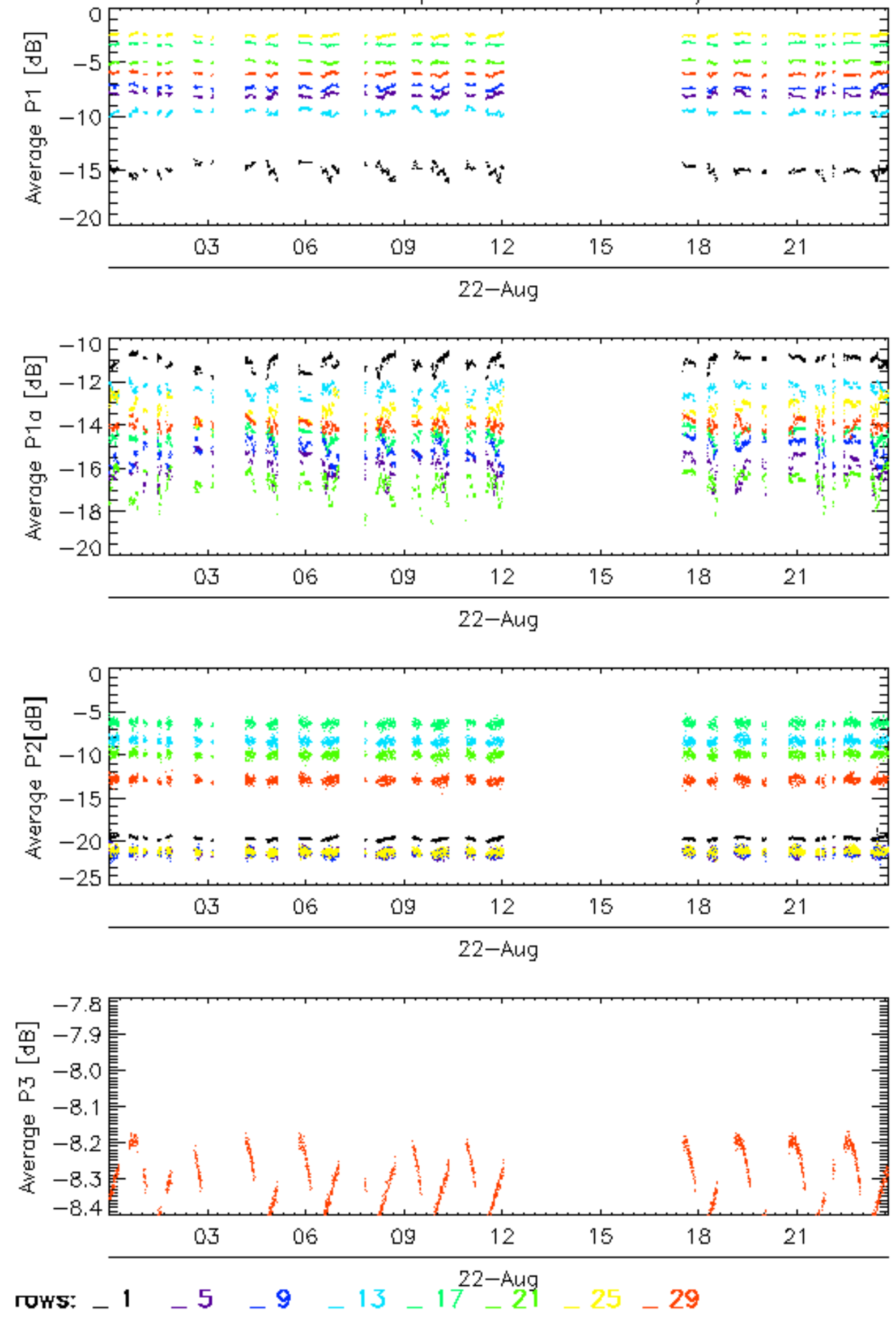
22-Aug

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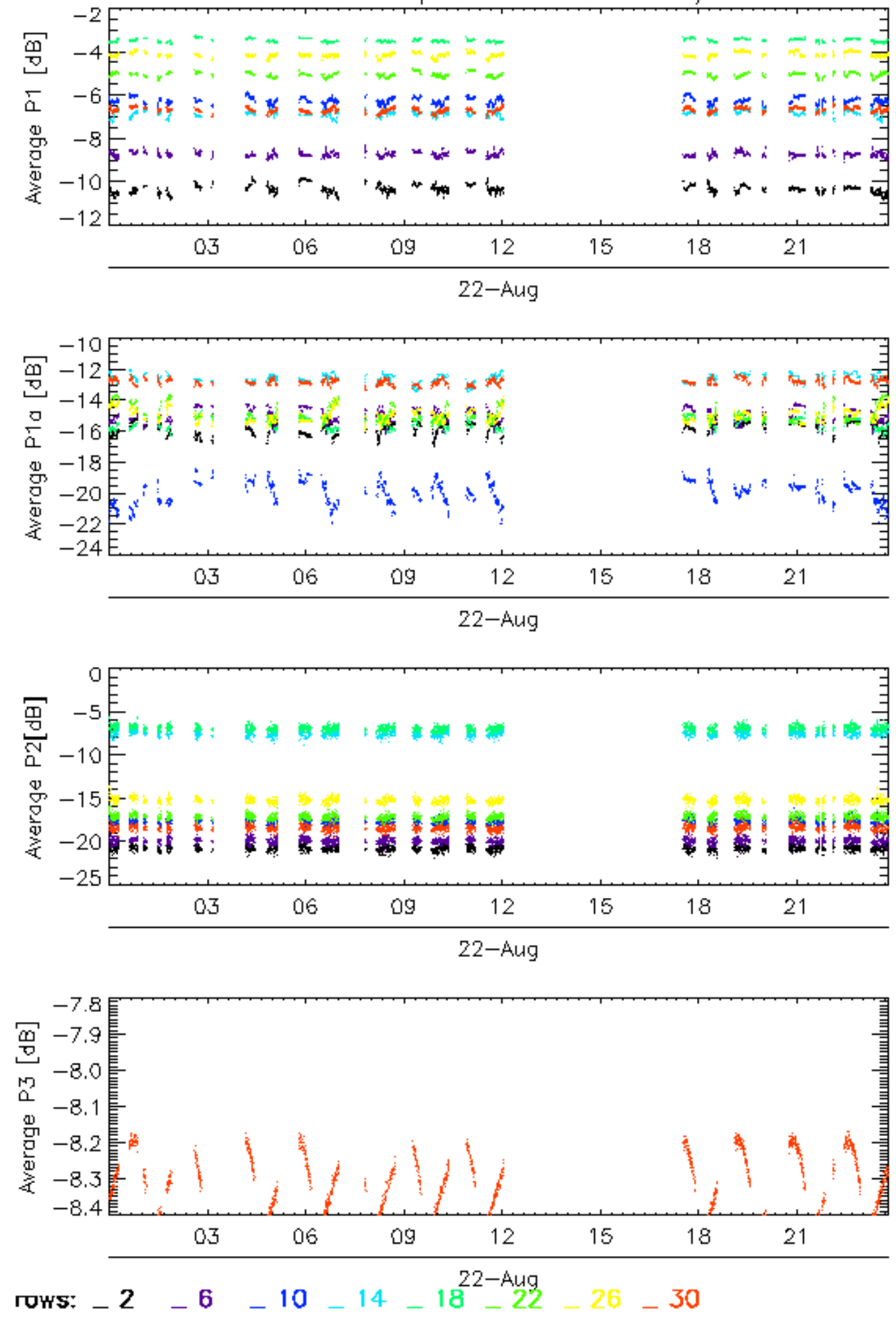
Calibration pulses for GM1 SS3 H/H



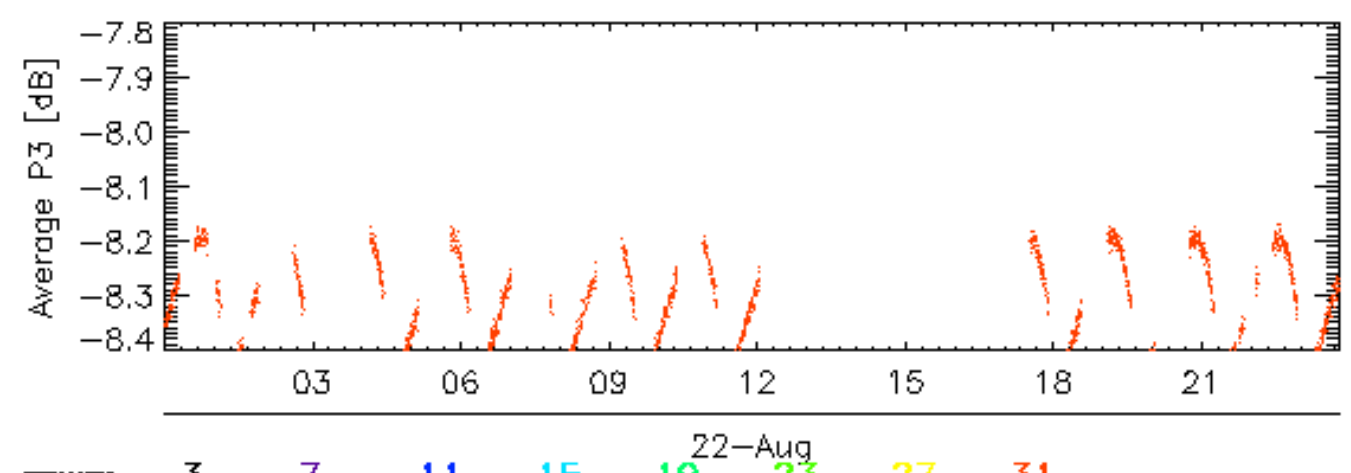
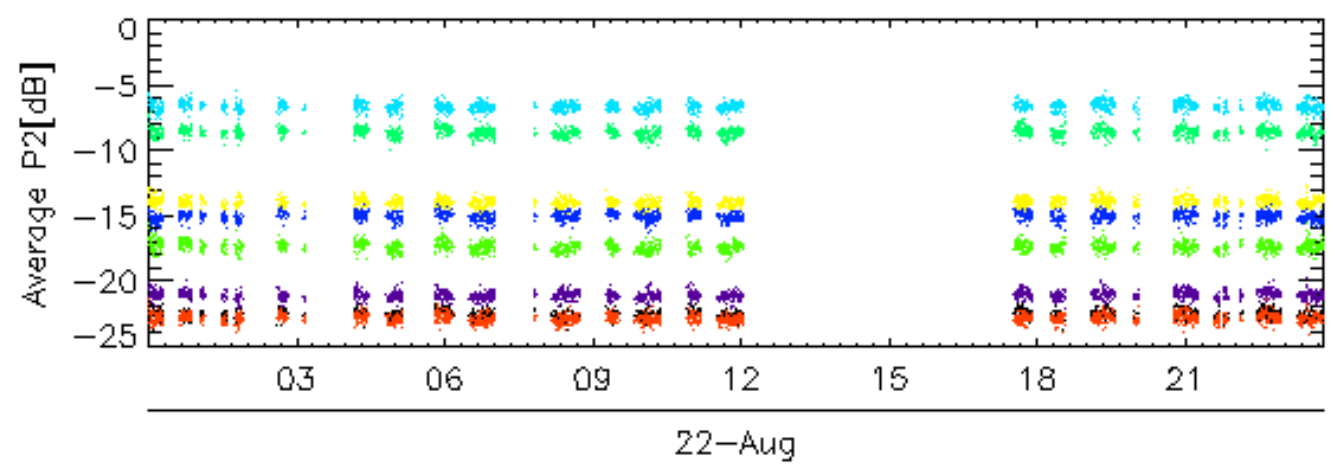
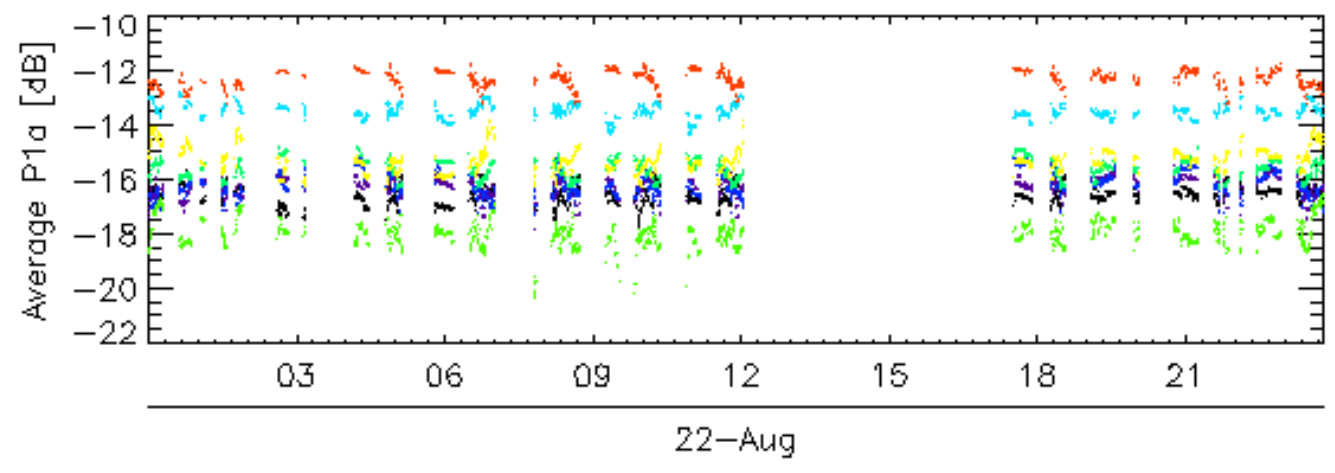
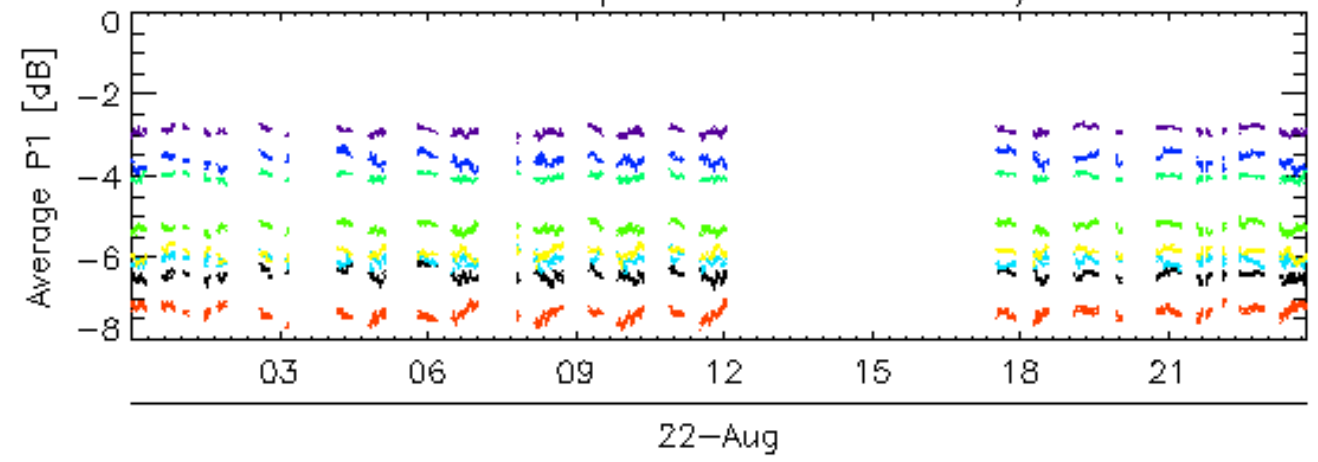
Calibration pulses for WVS IS2 V/V



Calibration pulses for WVS IS2 V/V

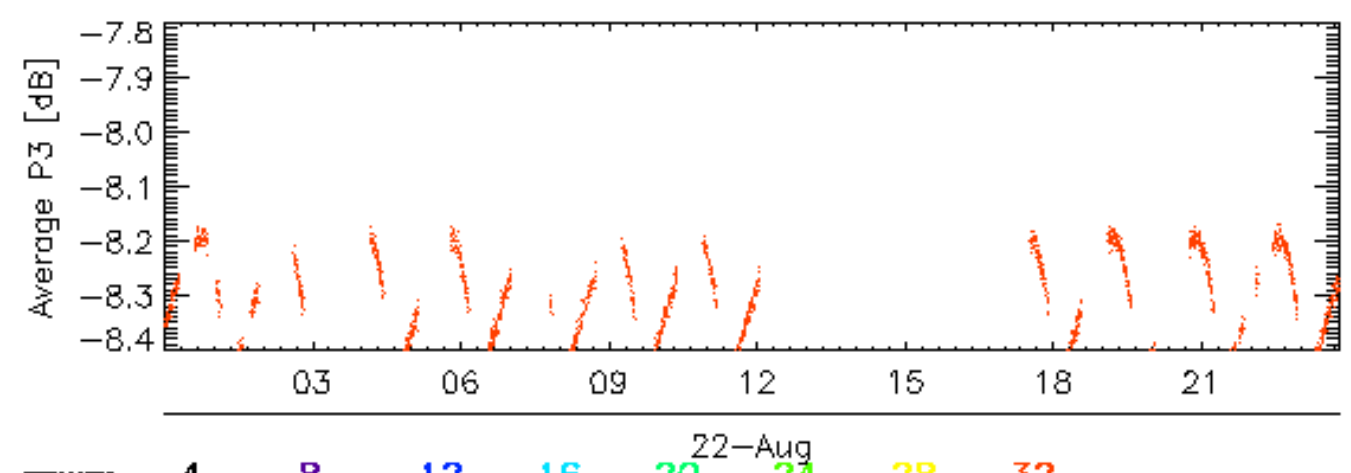
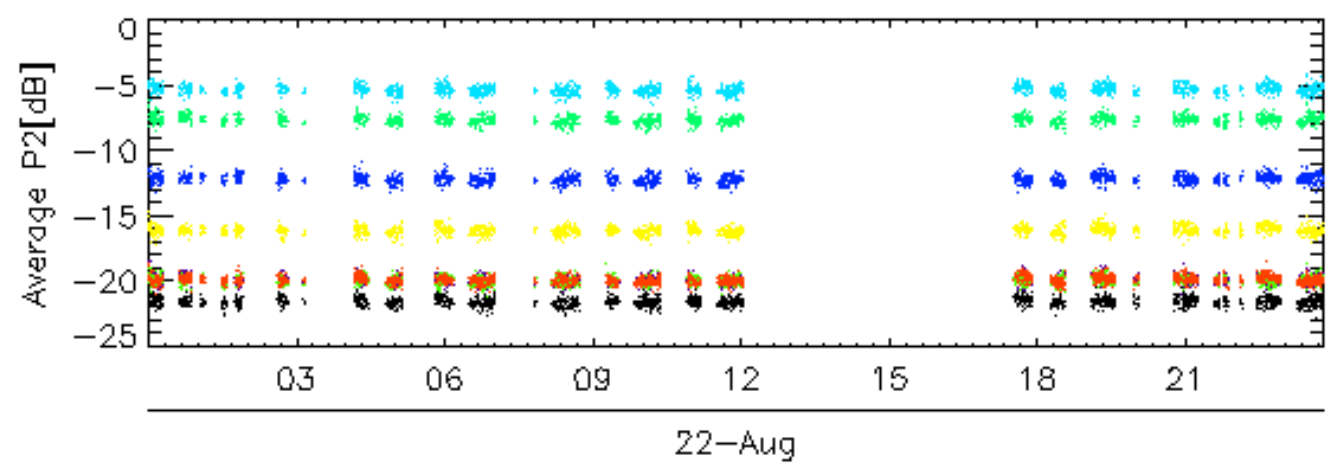
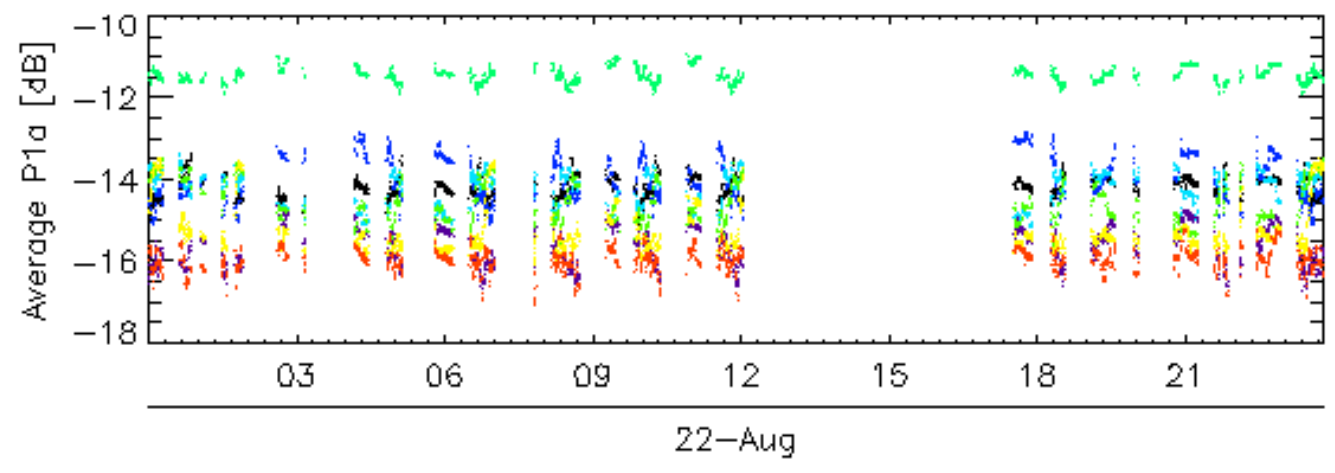
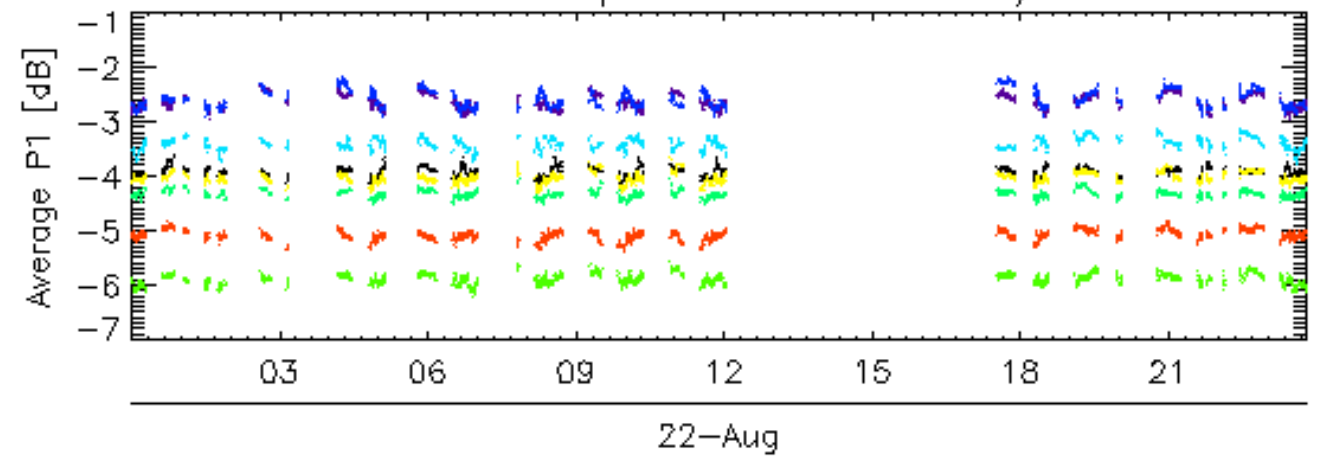


Calibration pulses for WVS IS2 V/V

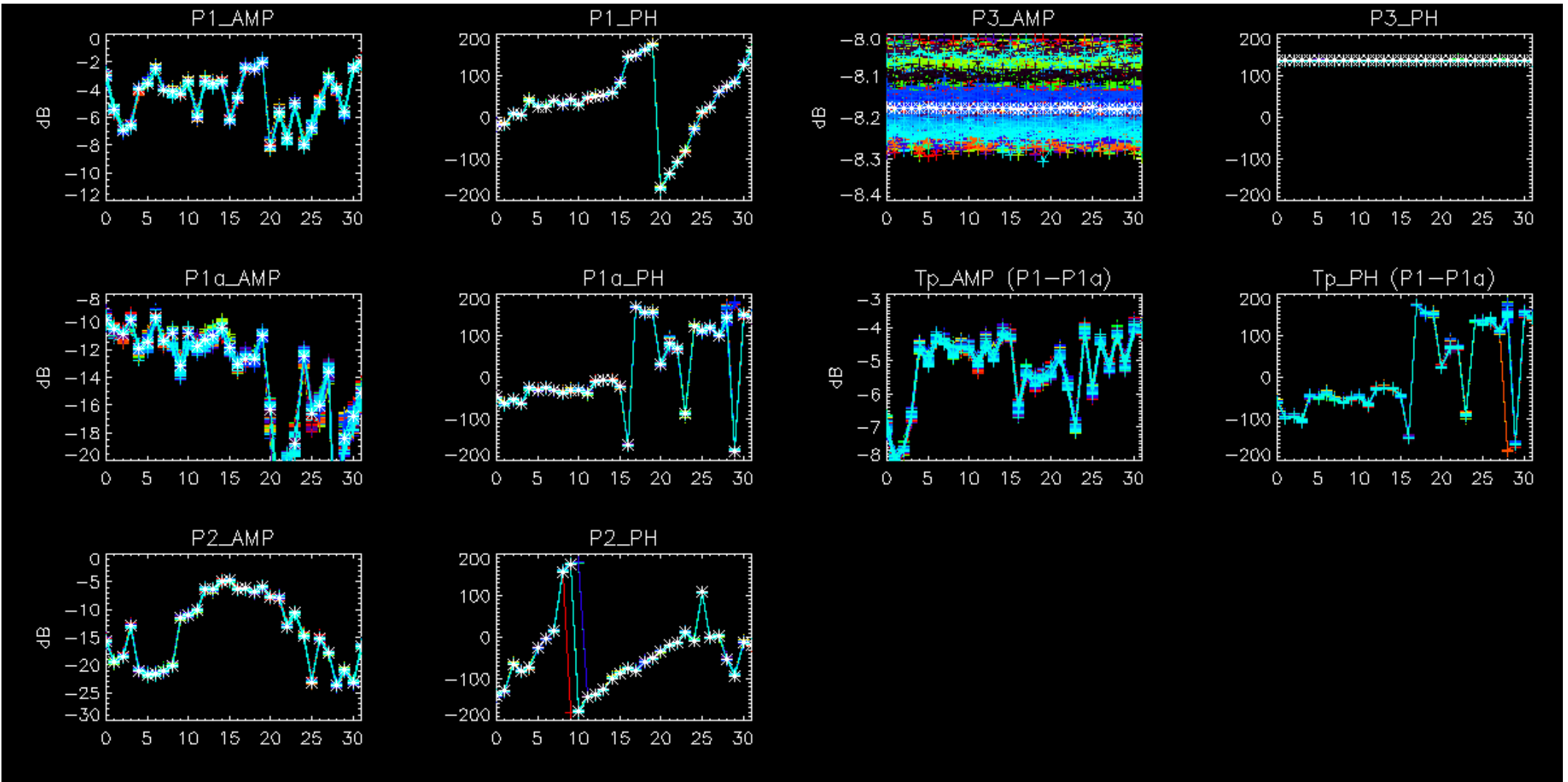


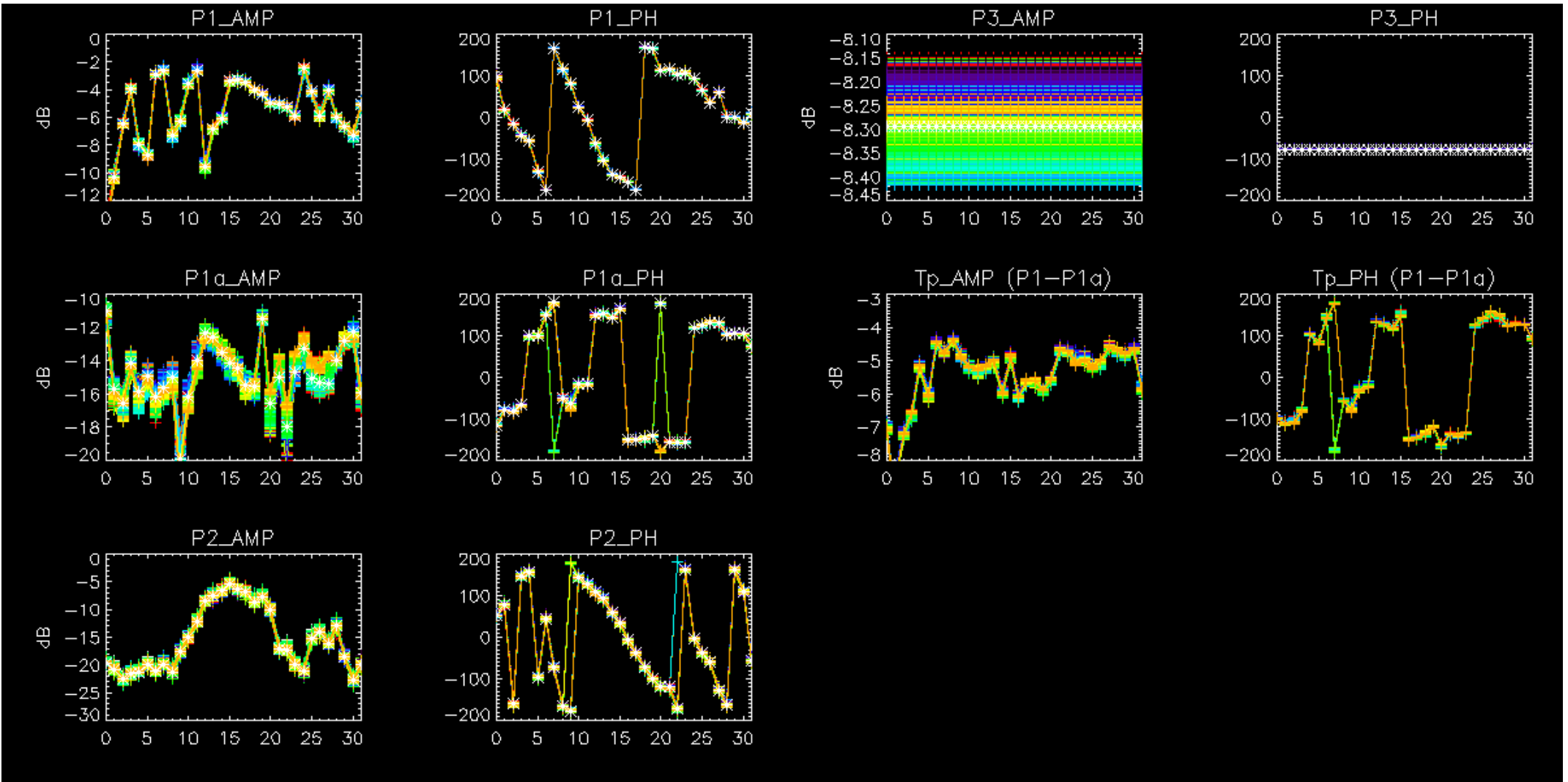
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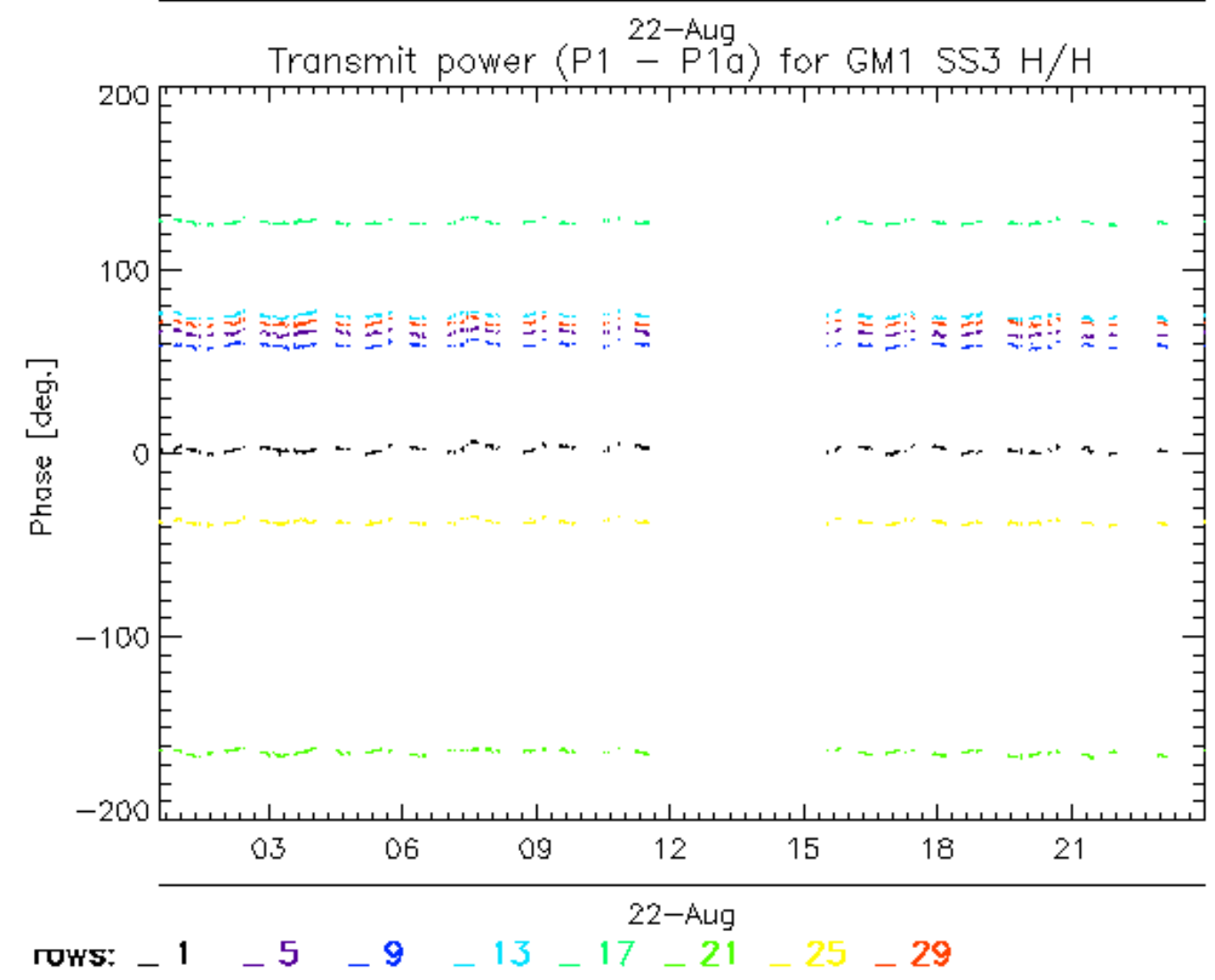
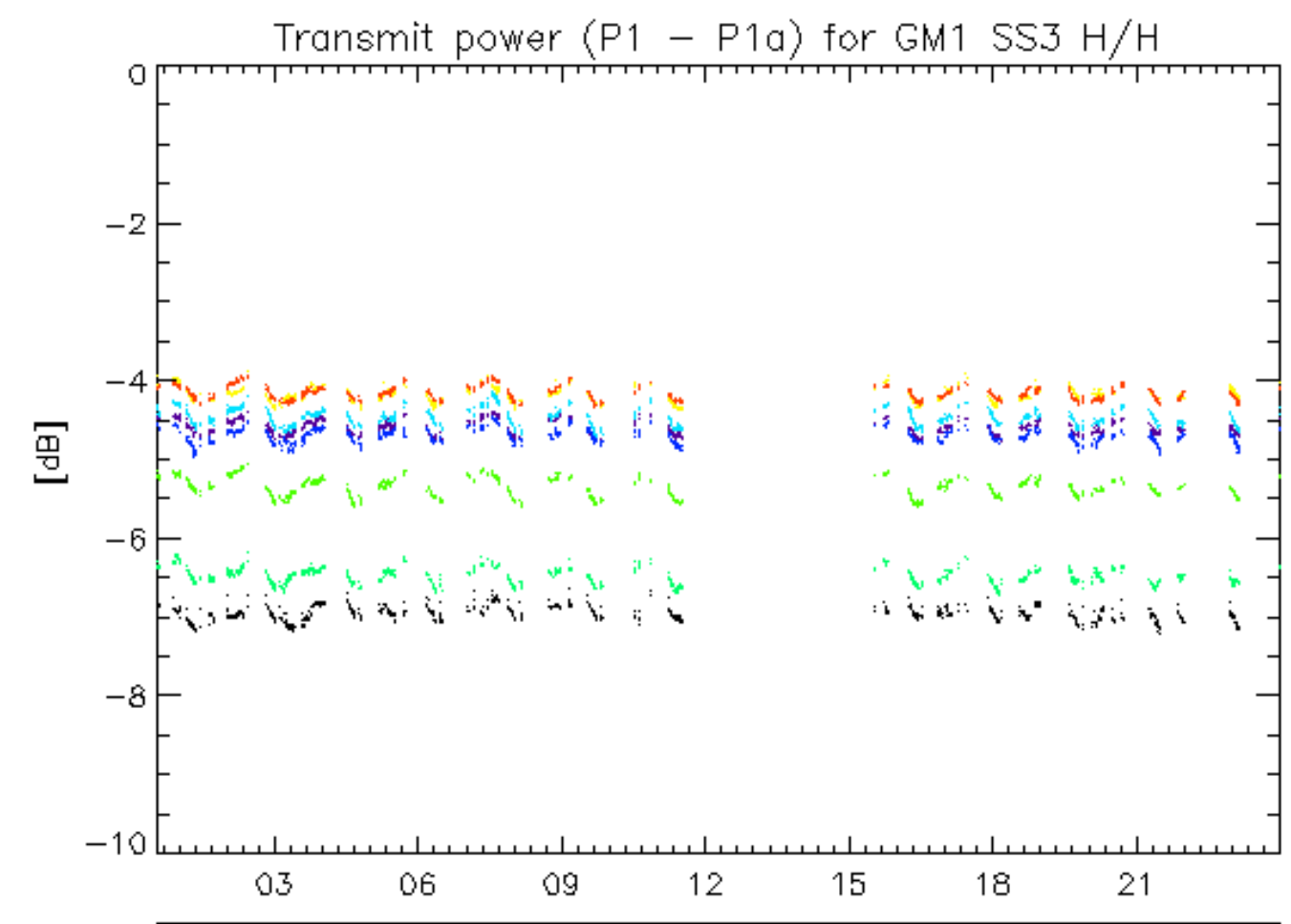
Calibration pulses for WVS IS2 V/V

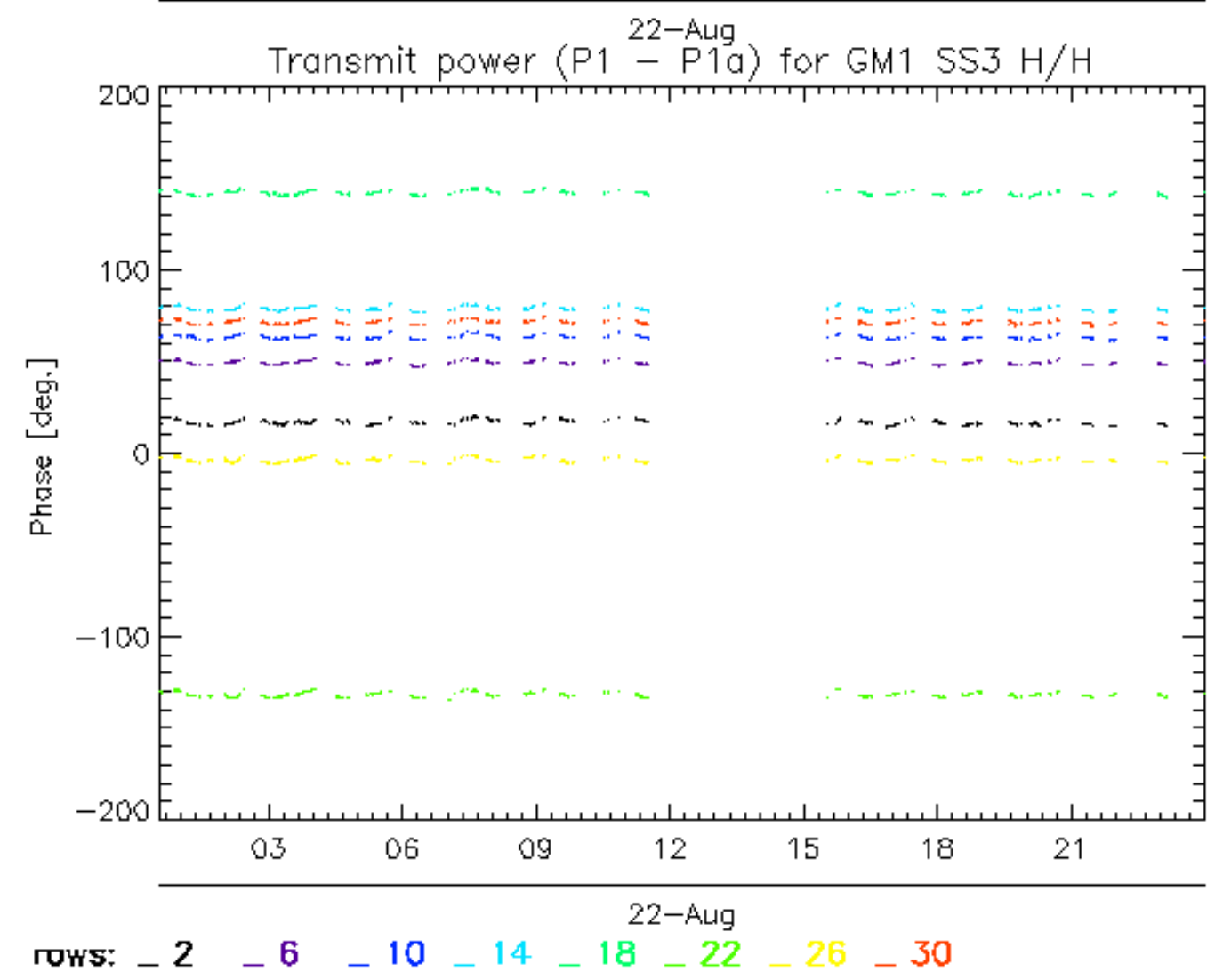
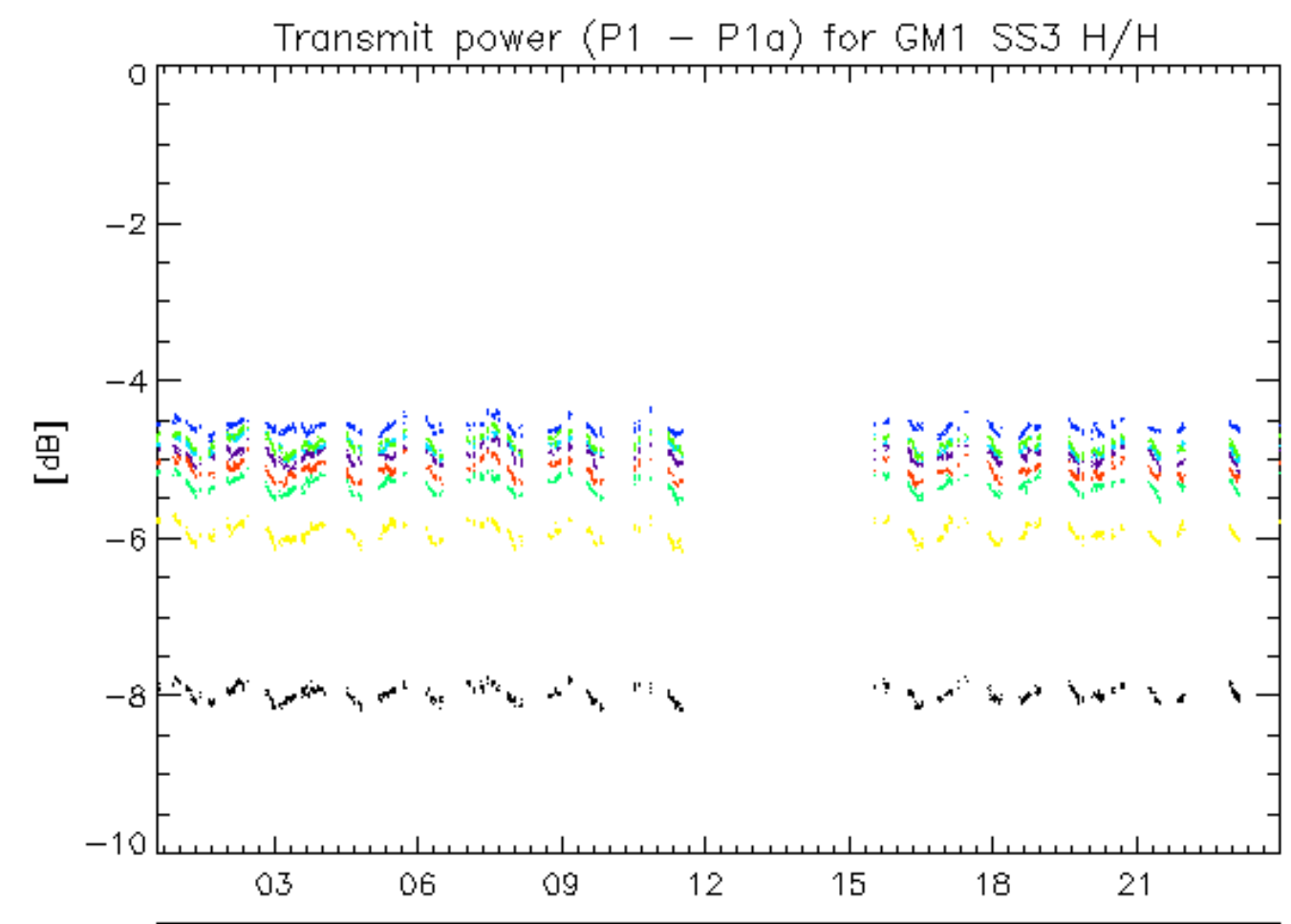


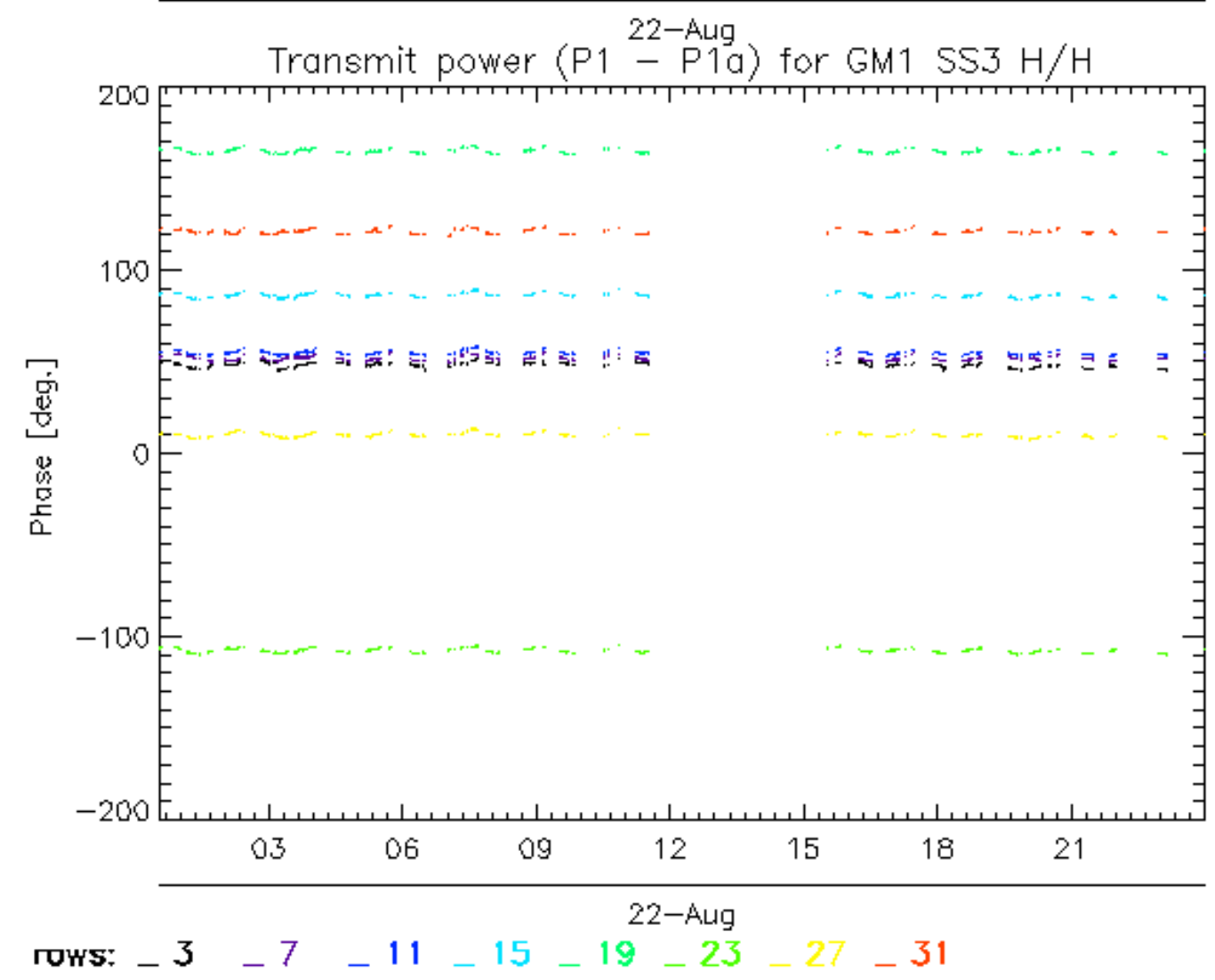
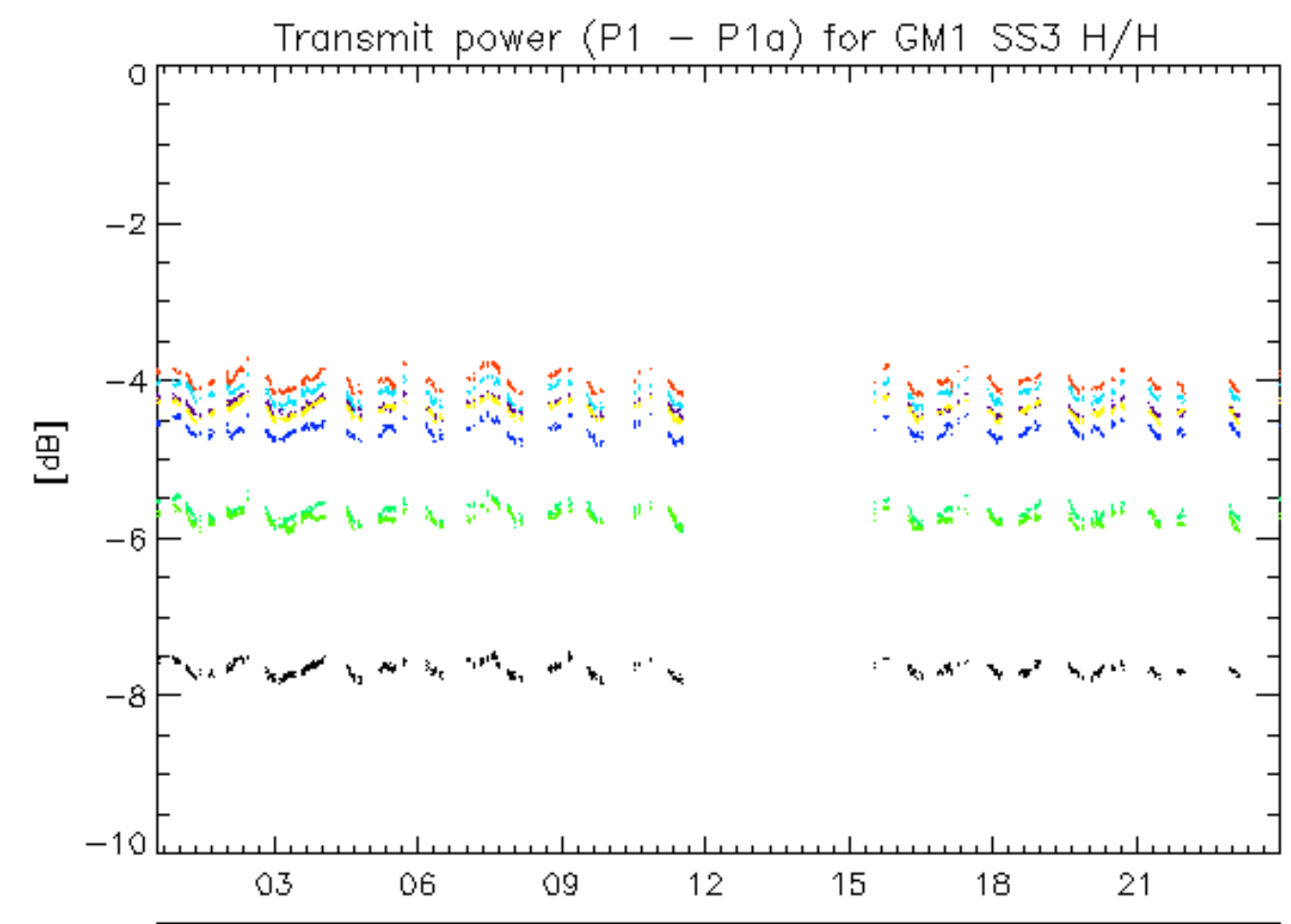
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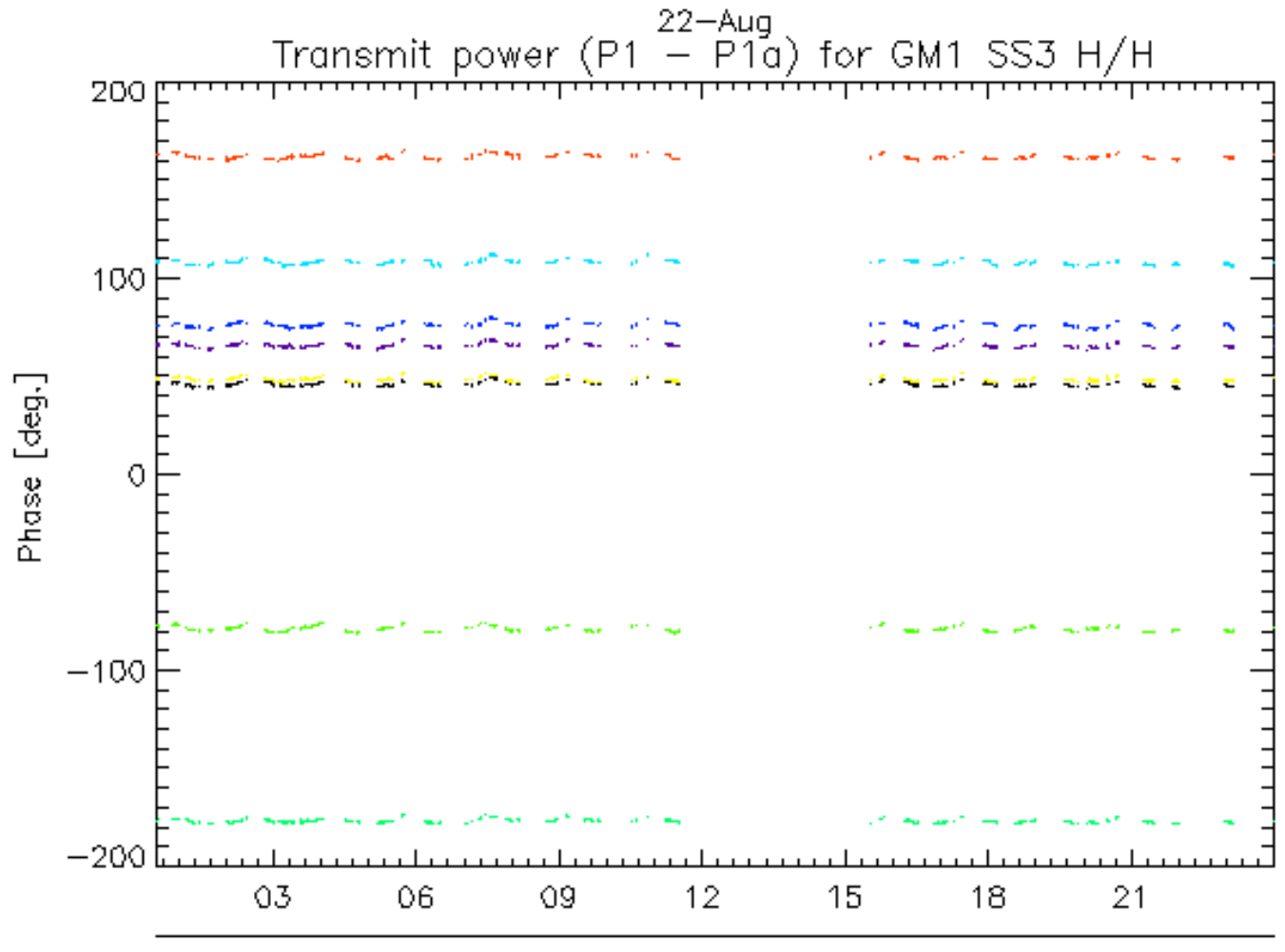
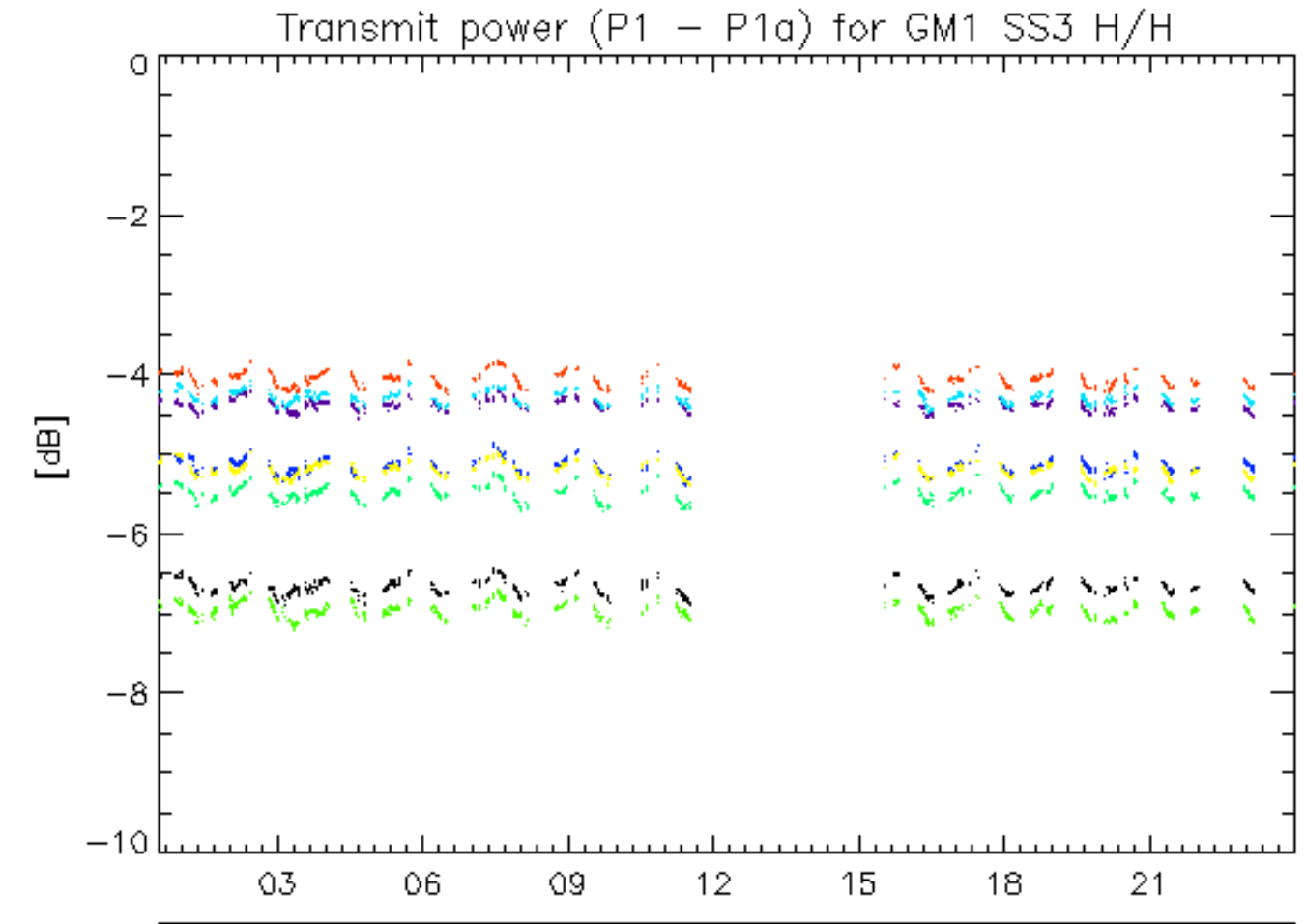




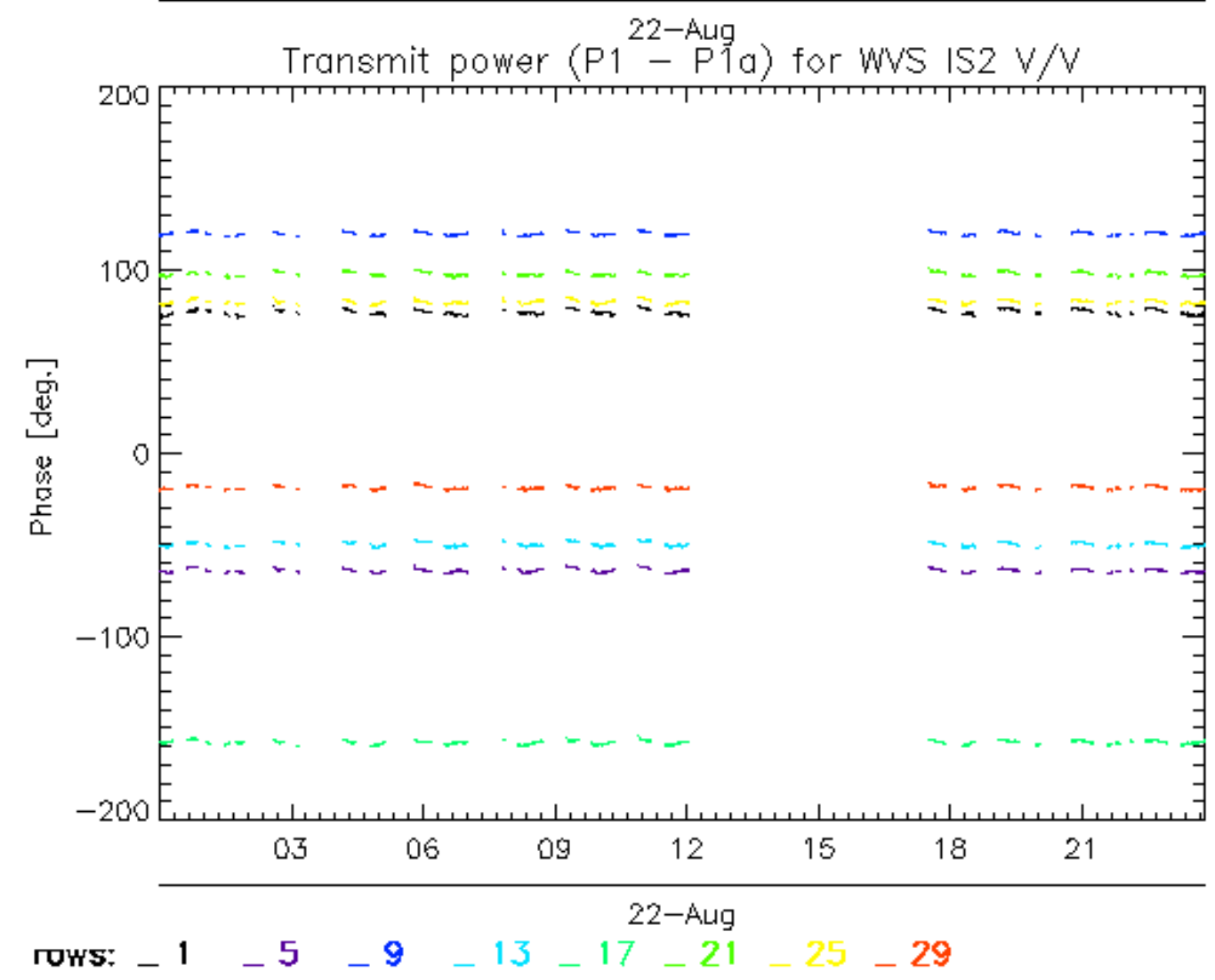
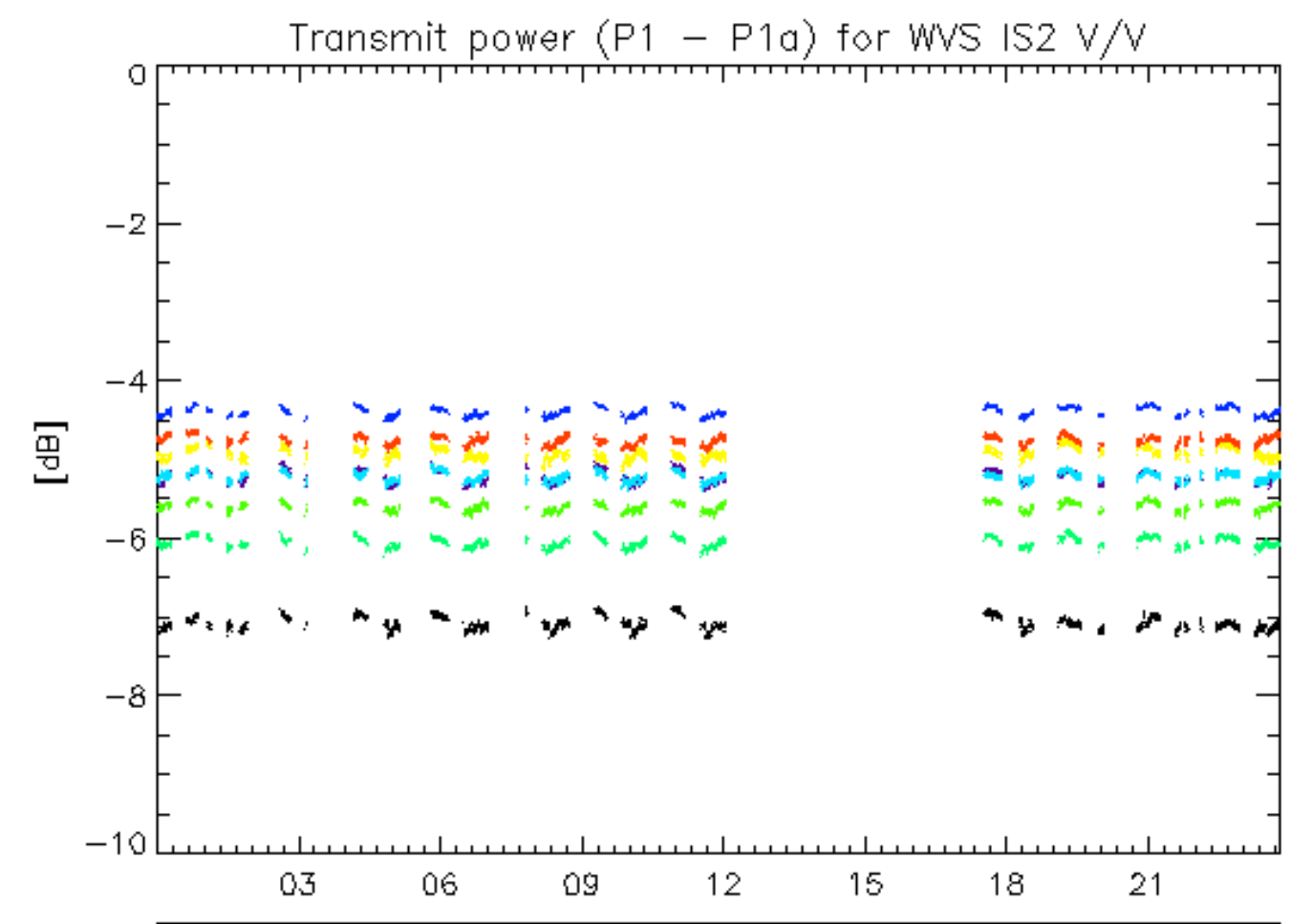


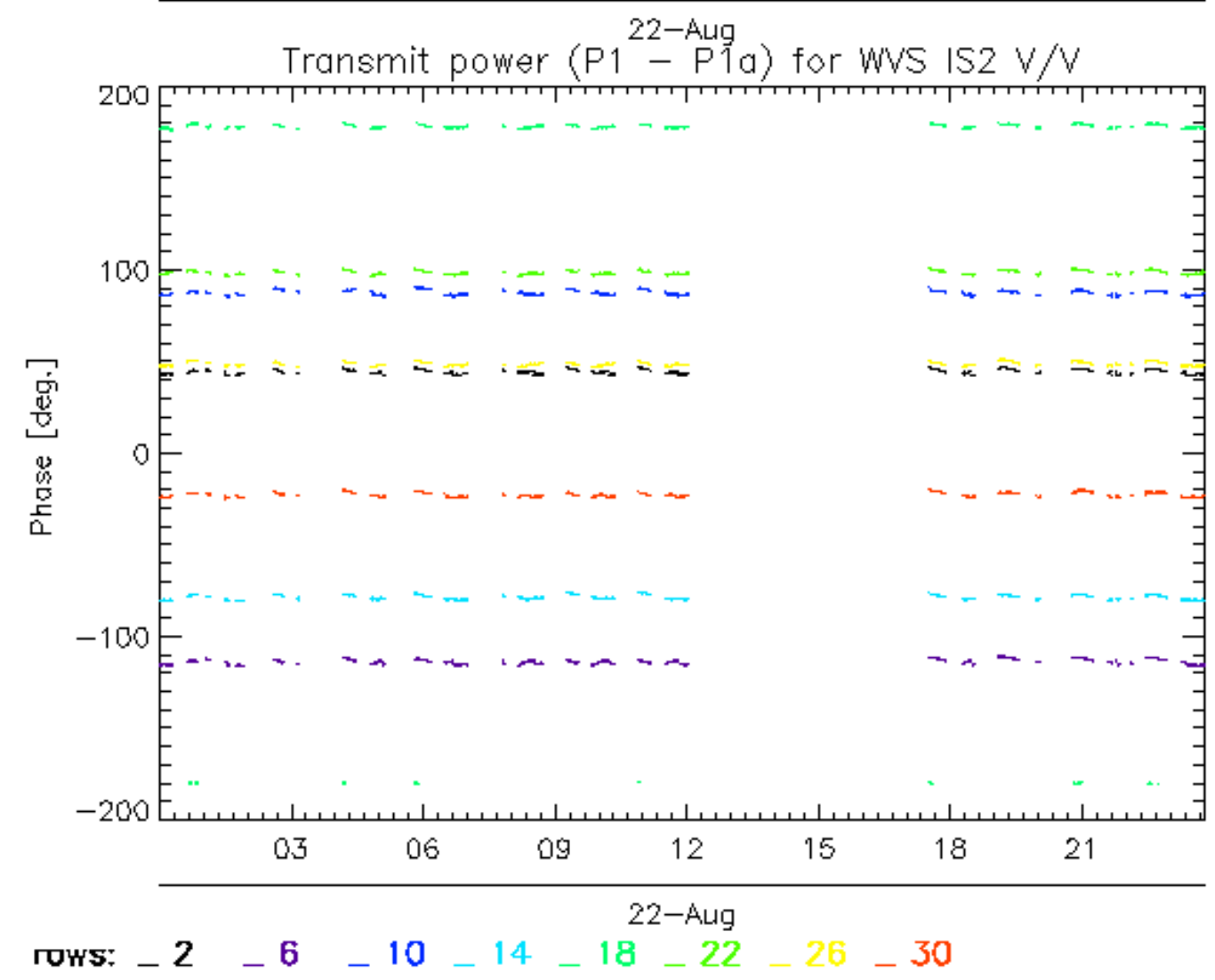
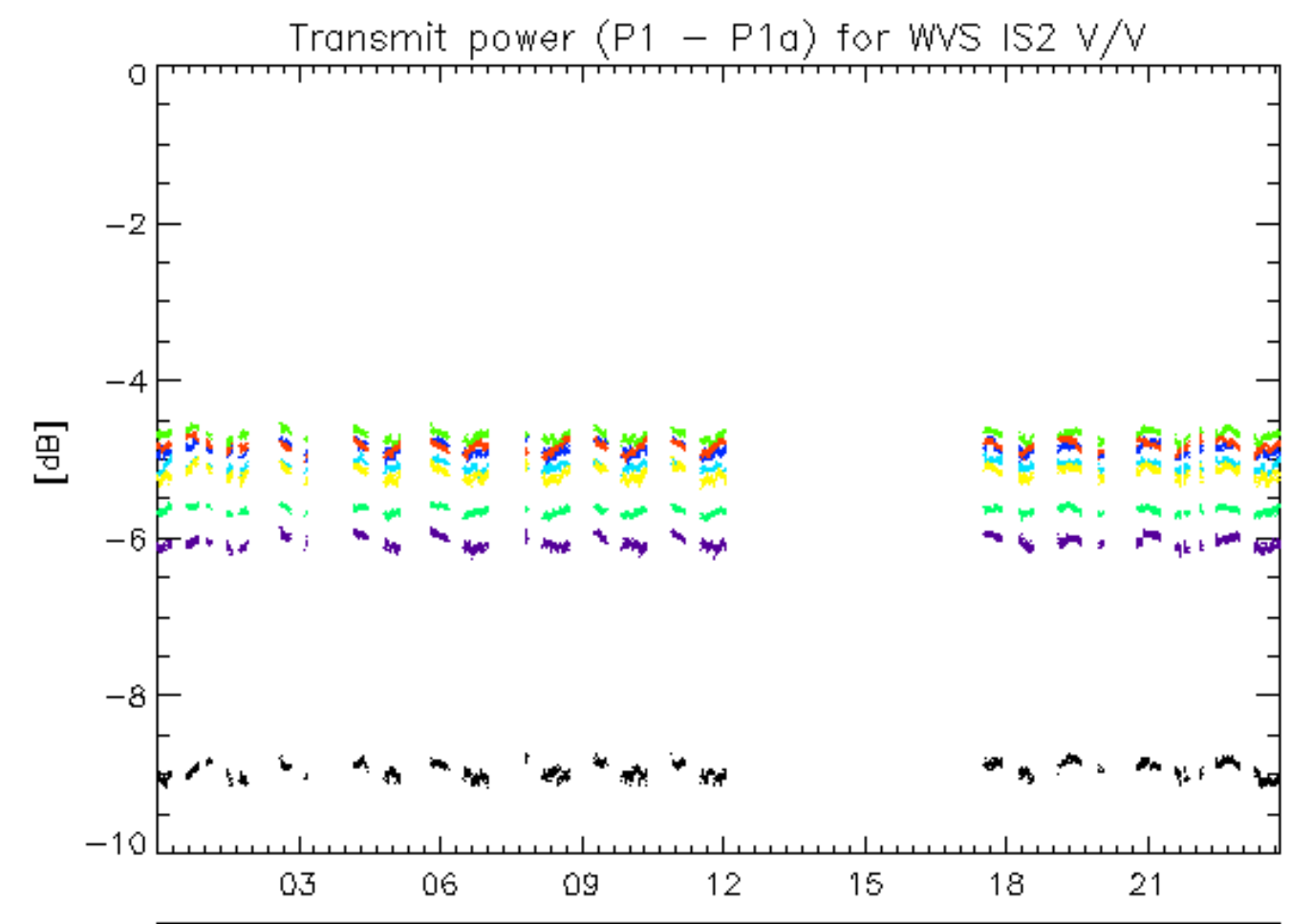


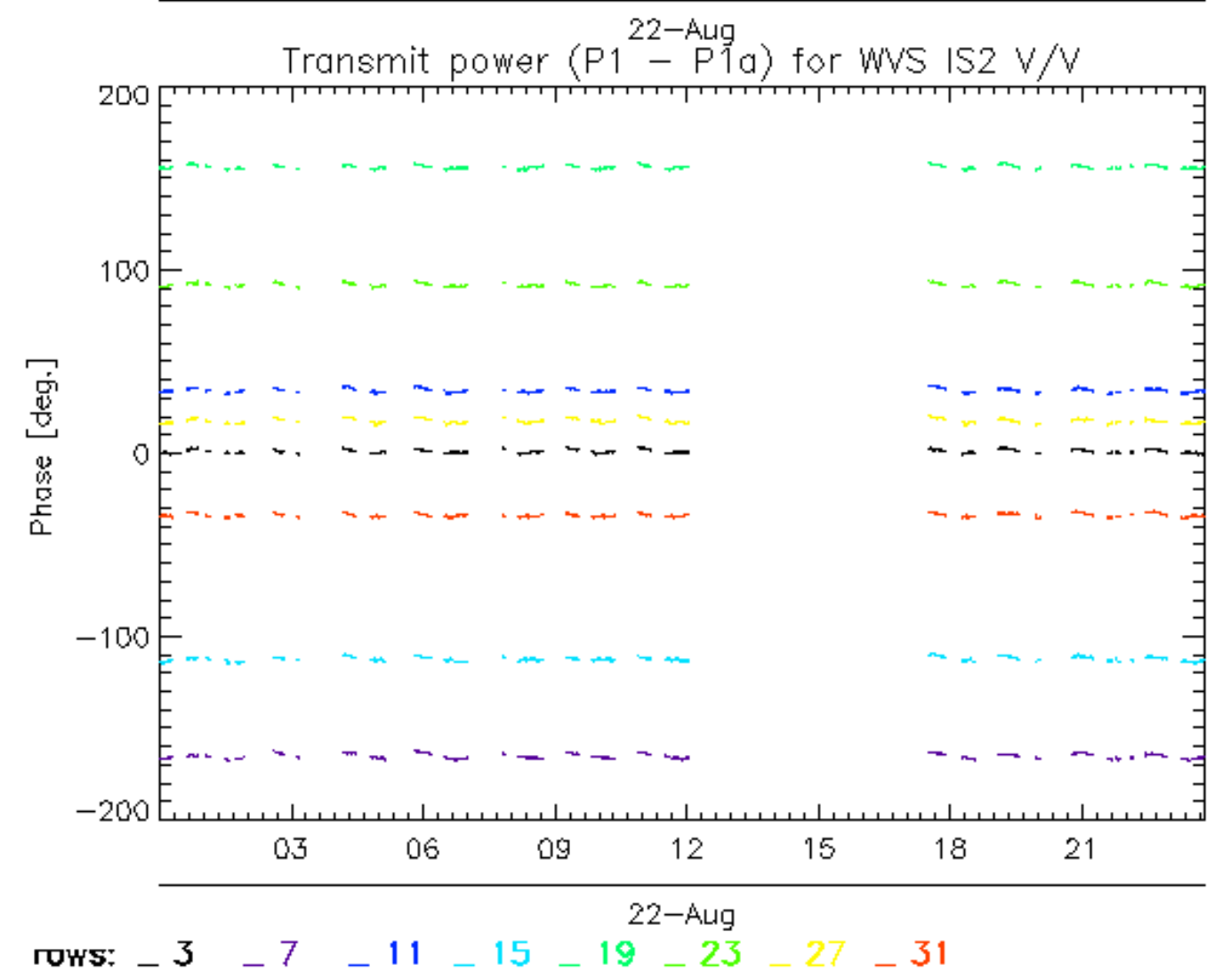
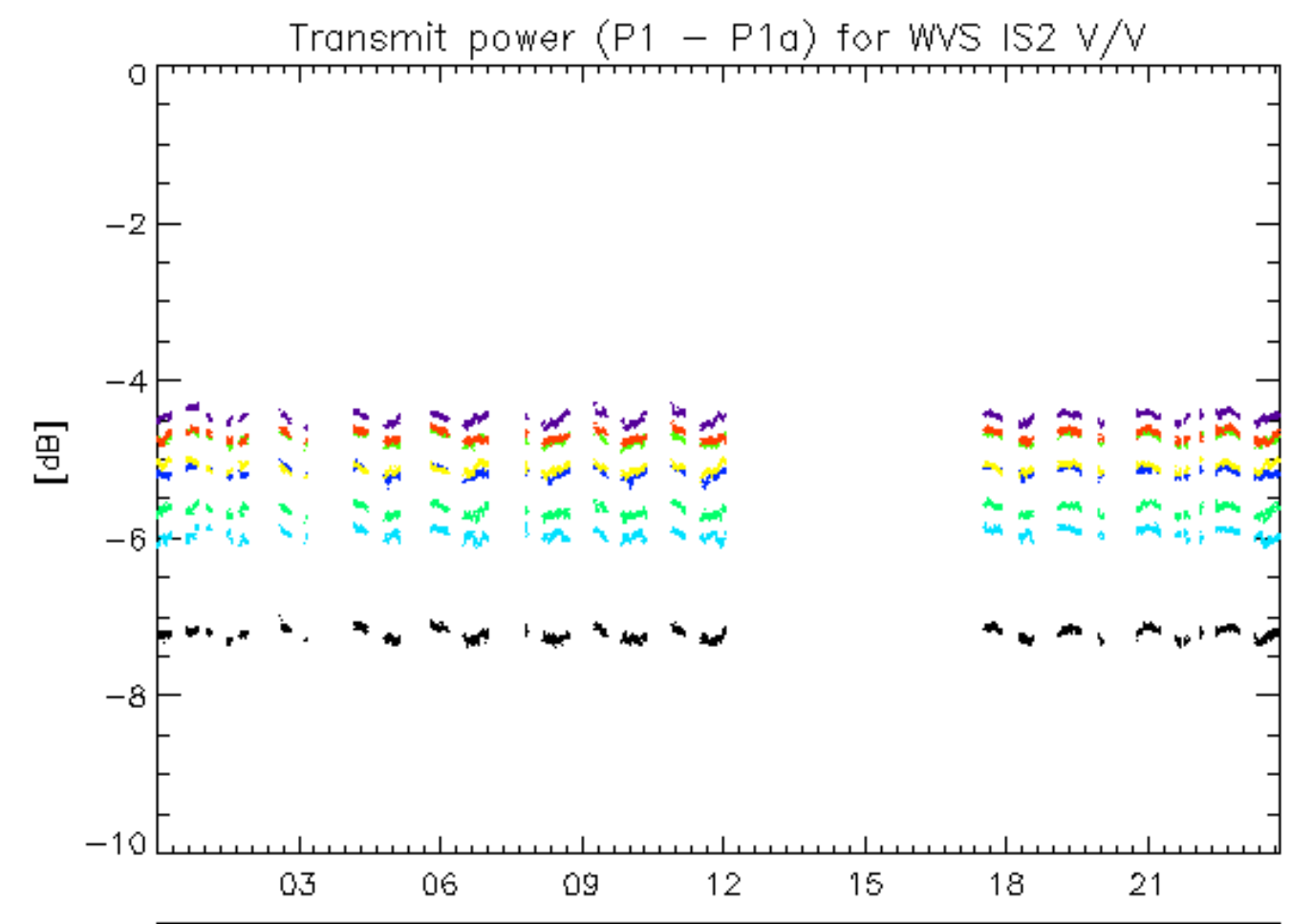


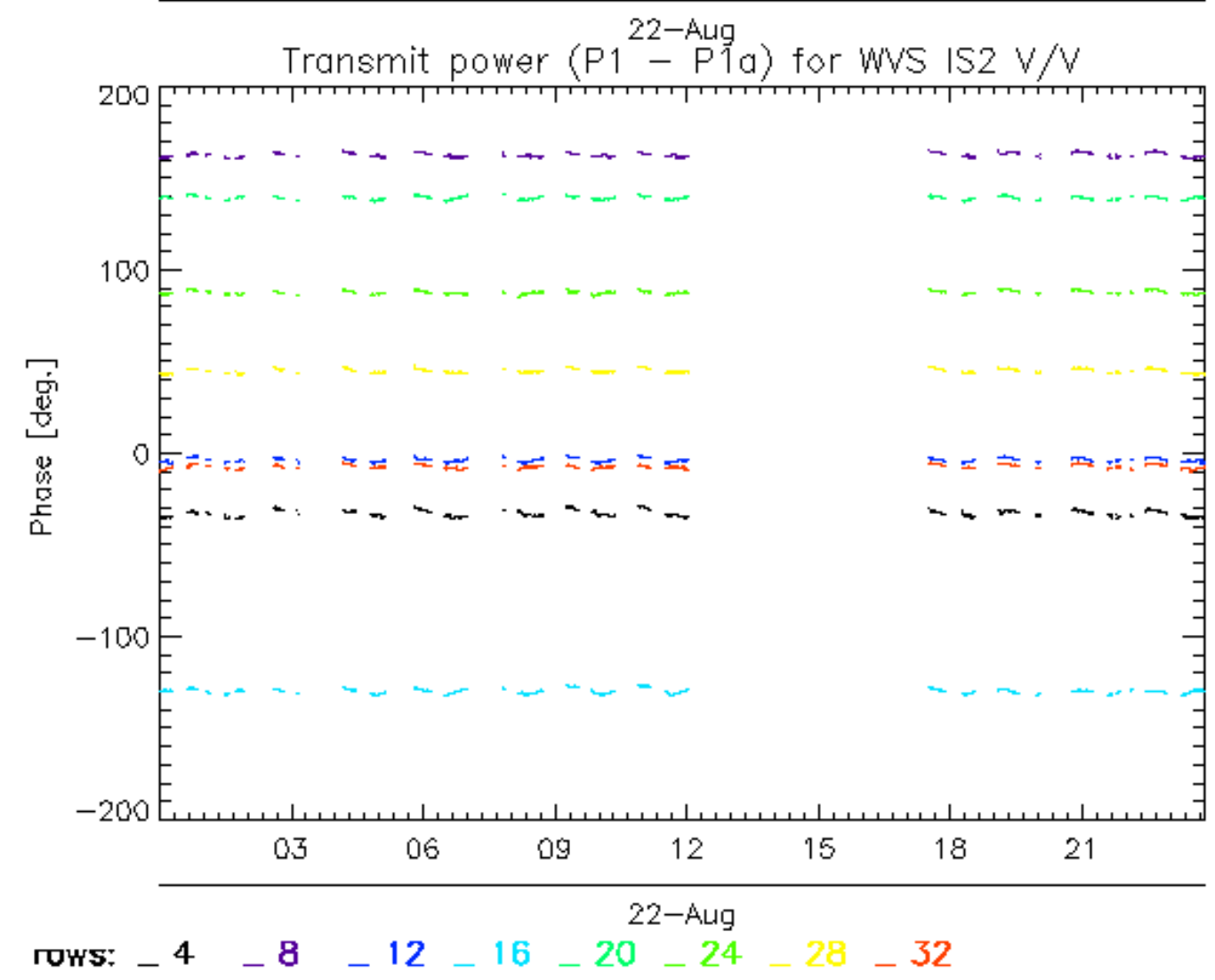
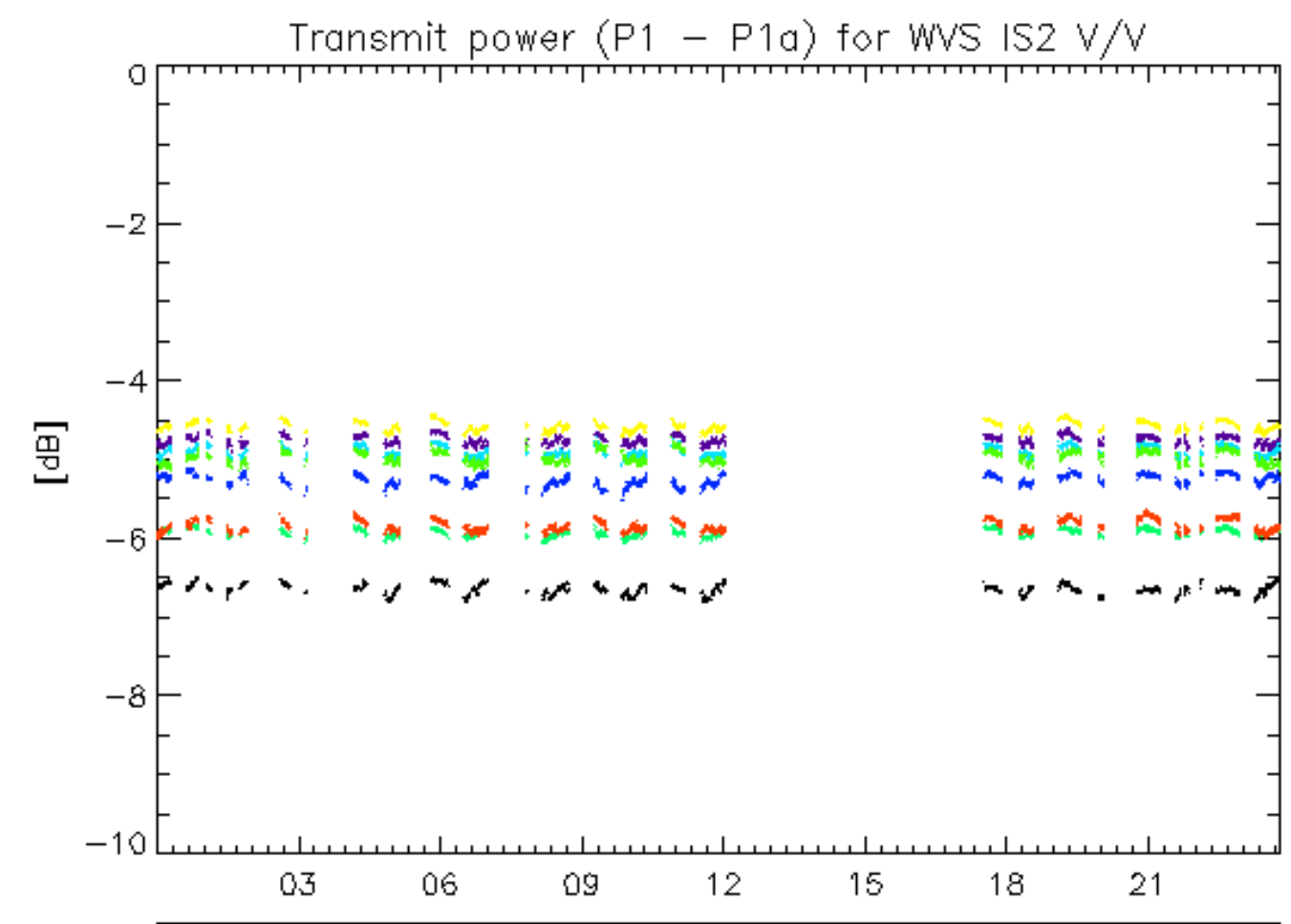


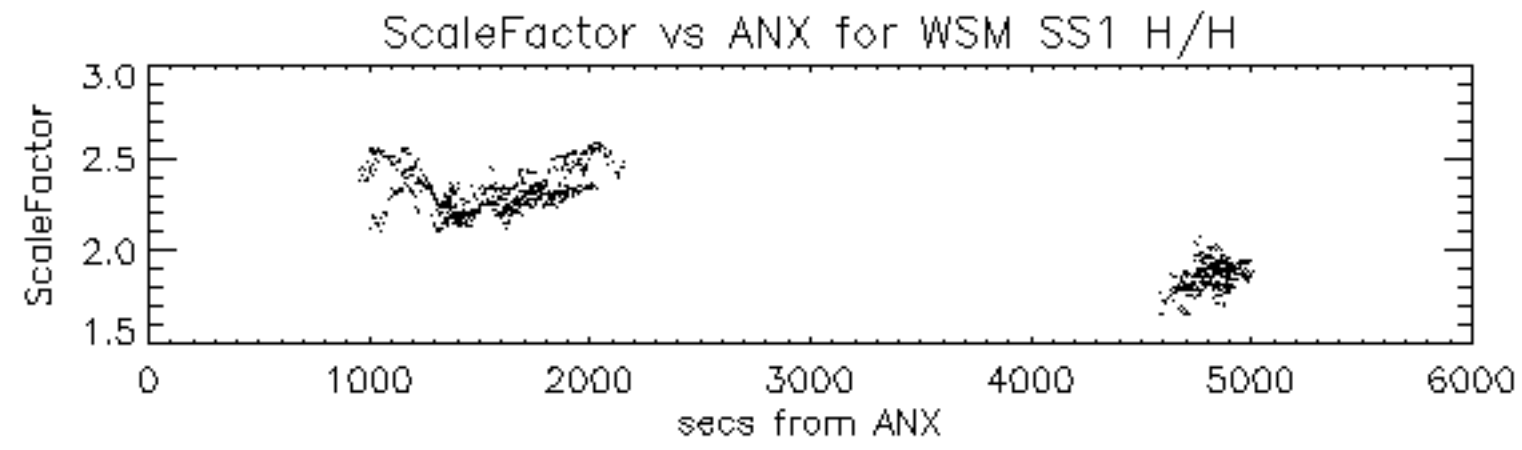
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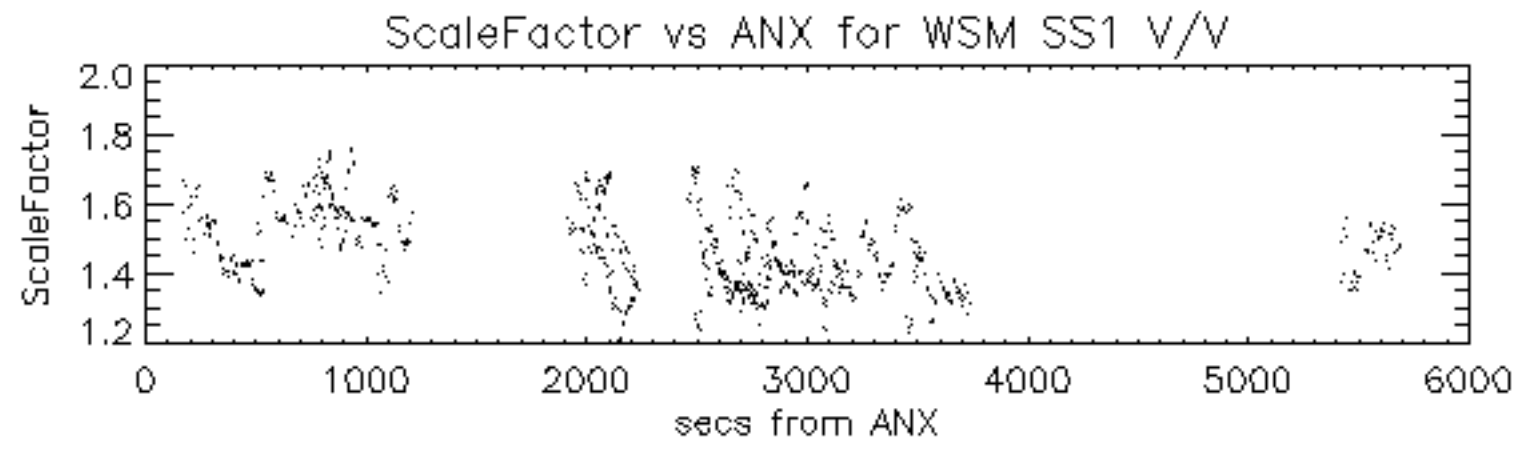


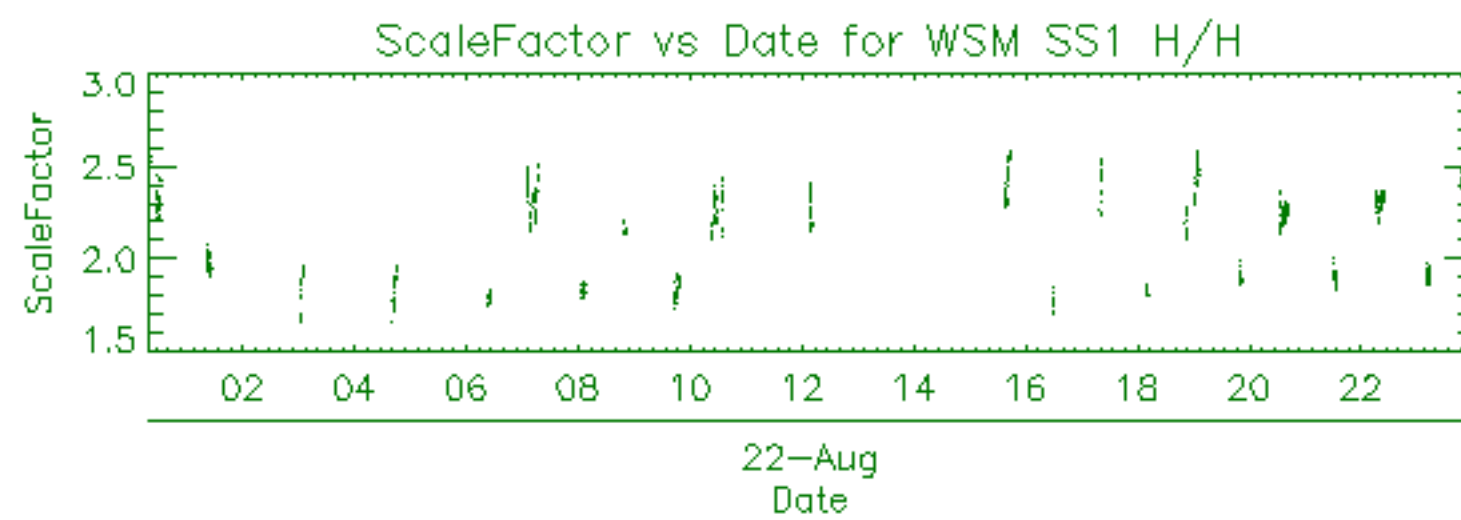


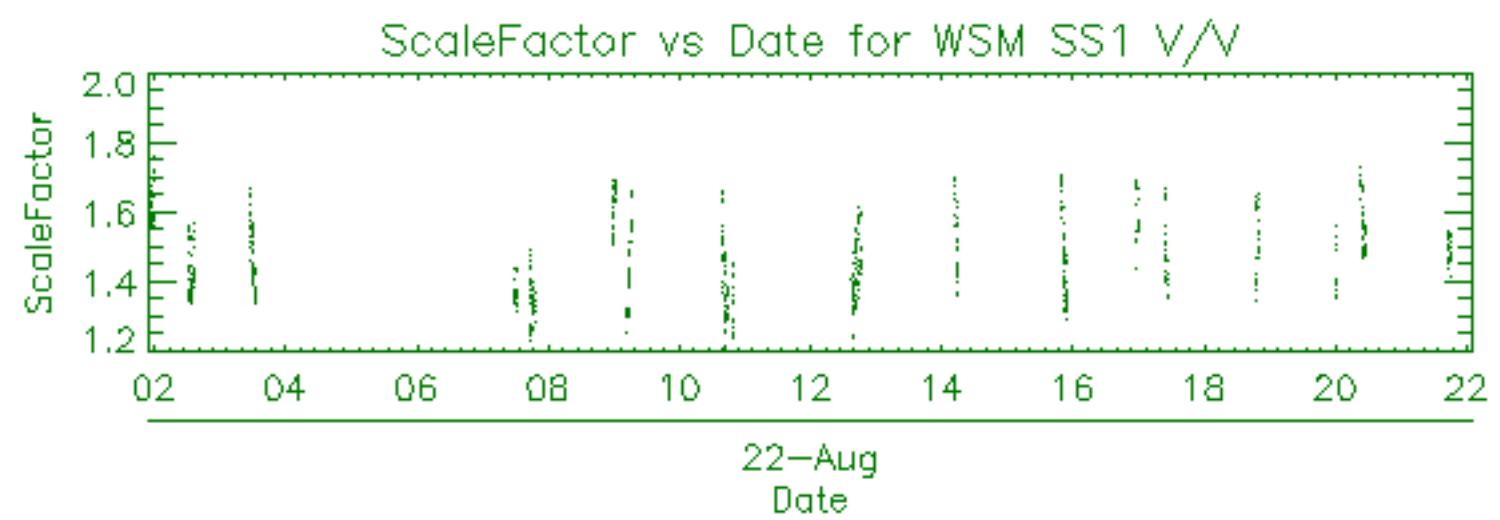












Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_APM_1PNPDE20100822_205333_000000422092_00186_44328_6728.N1						IS1	H/H	92	44328	186	5.03

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20100822_005329_000005862092_00174_44316_6540.N1						SS1	H/H	92	44316	174	5.03
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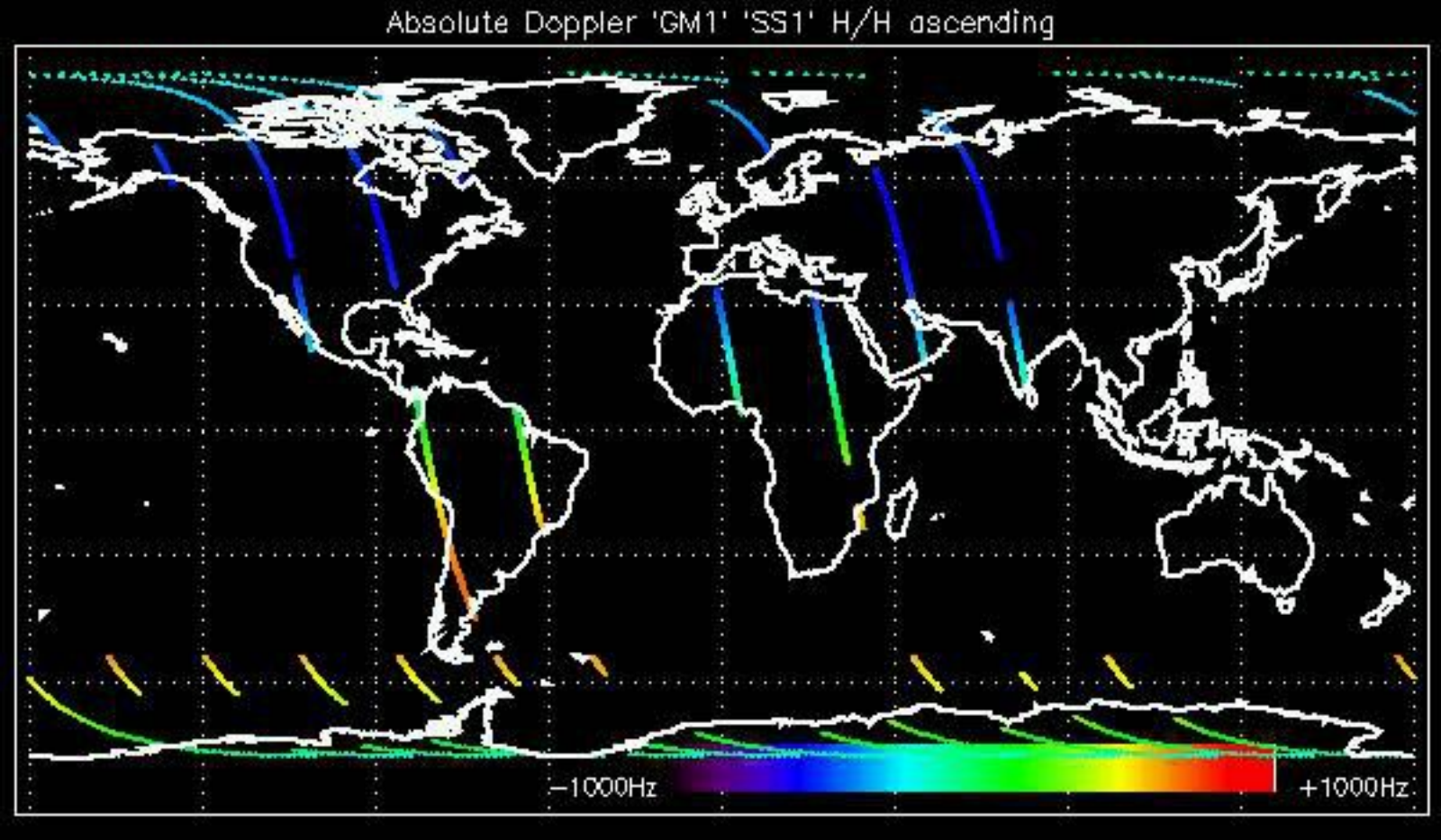
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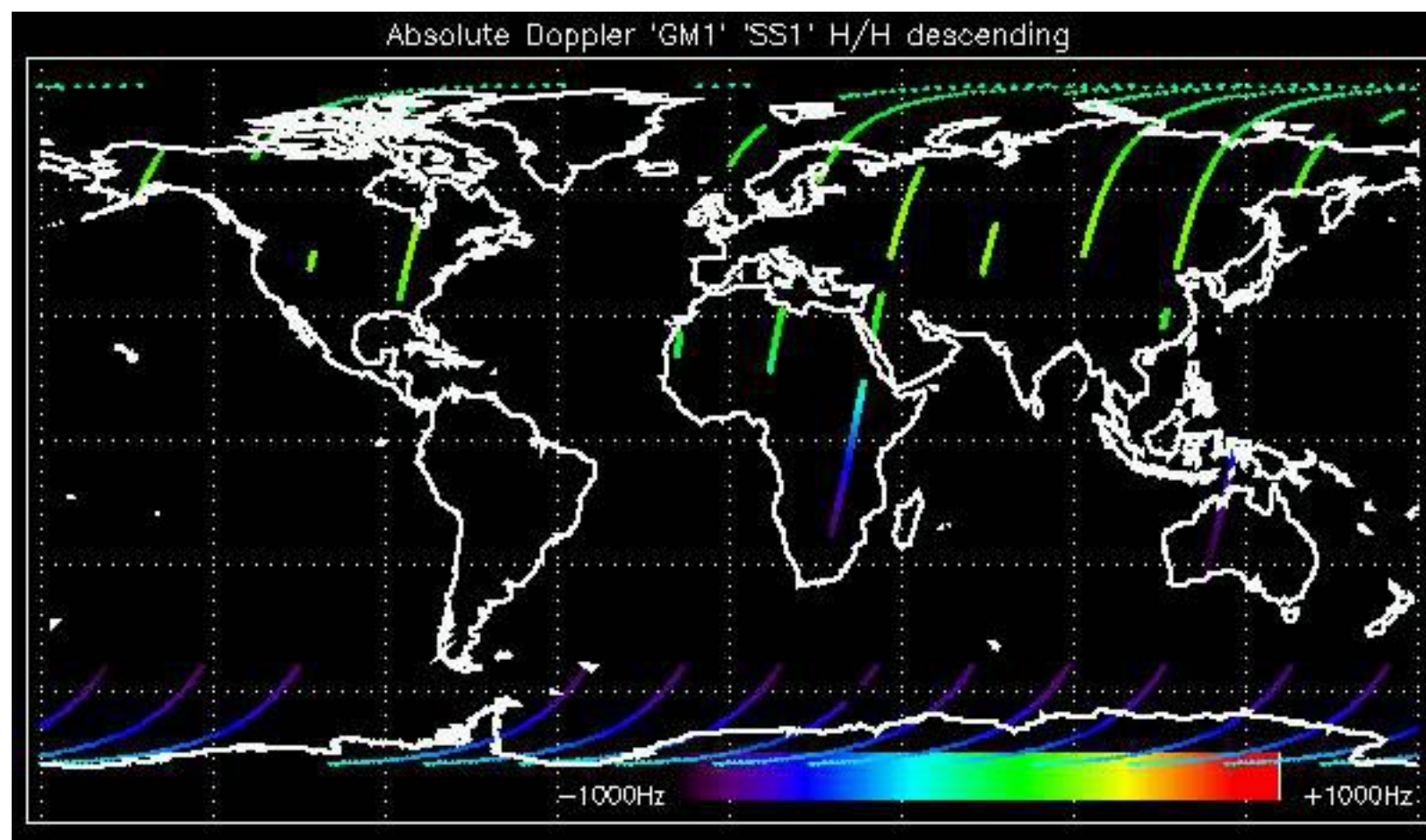
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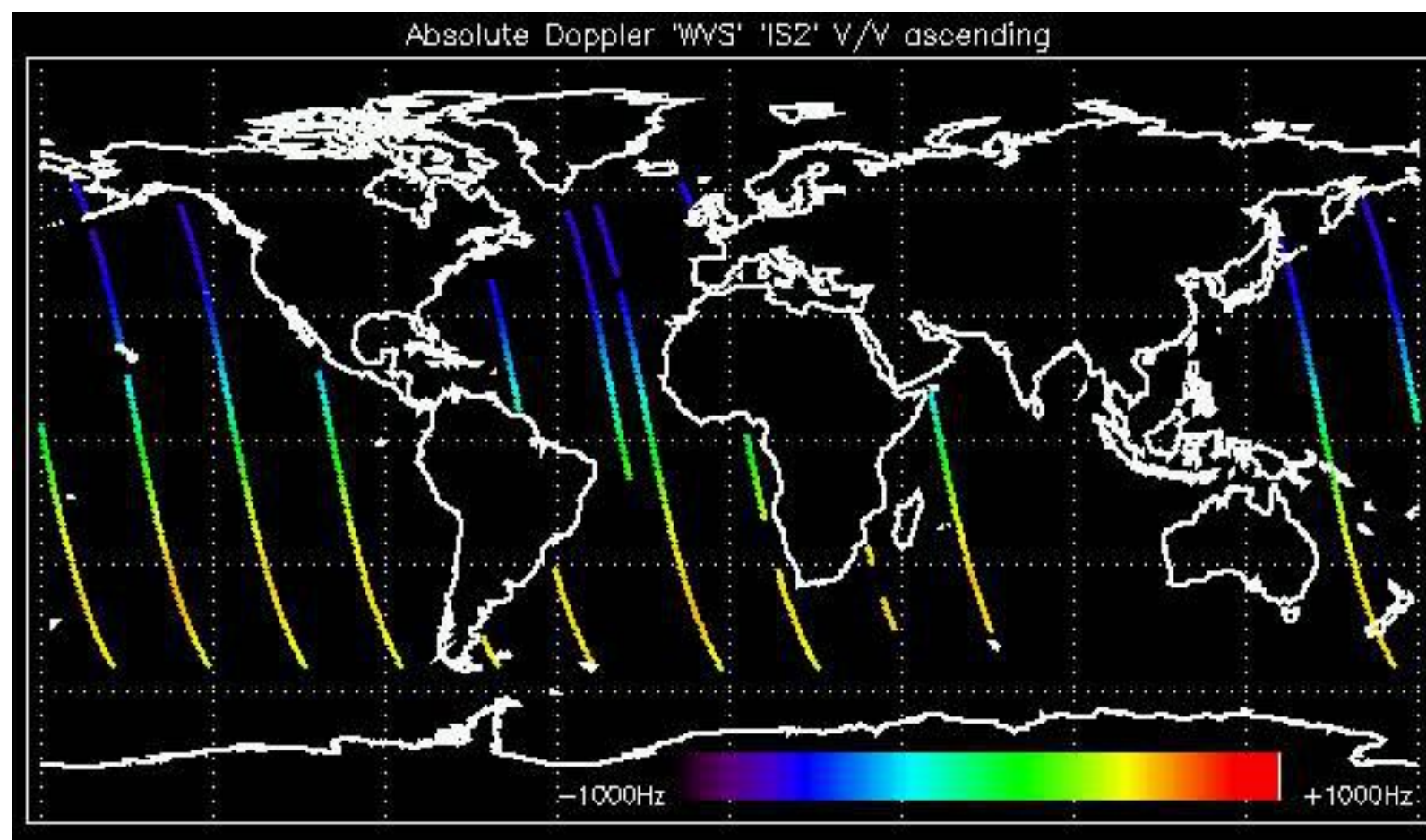


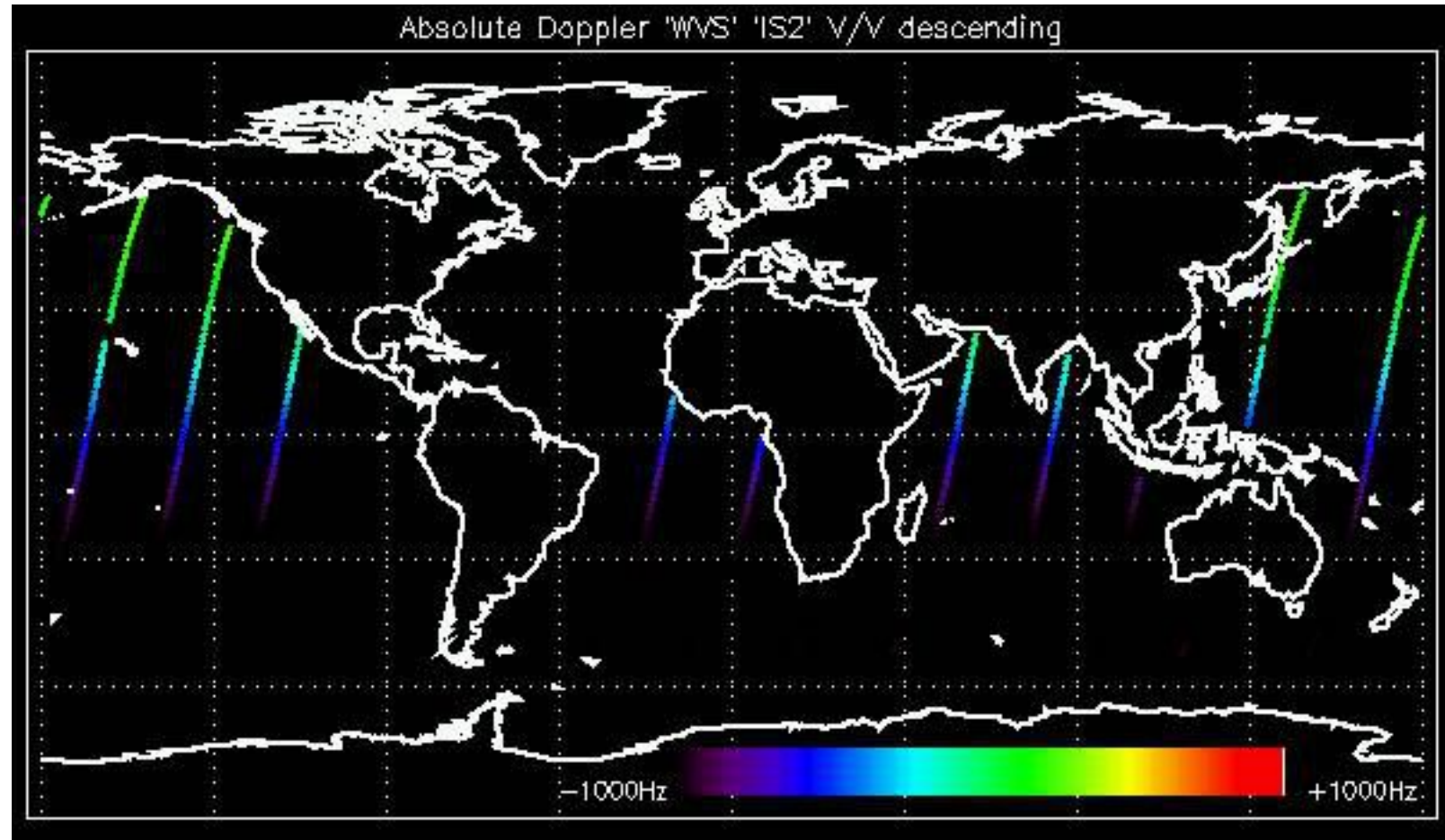
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ASA_WSM_1PNPDK20100822_062307_000001842092_00177_44319_9322.N1						SS1	H/H	92	44319	177	5.03
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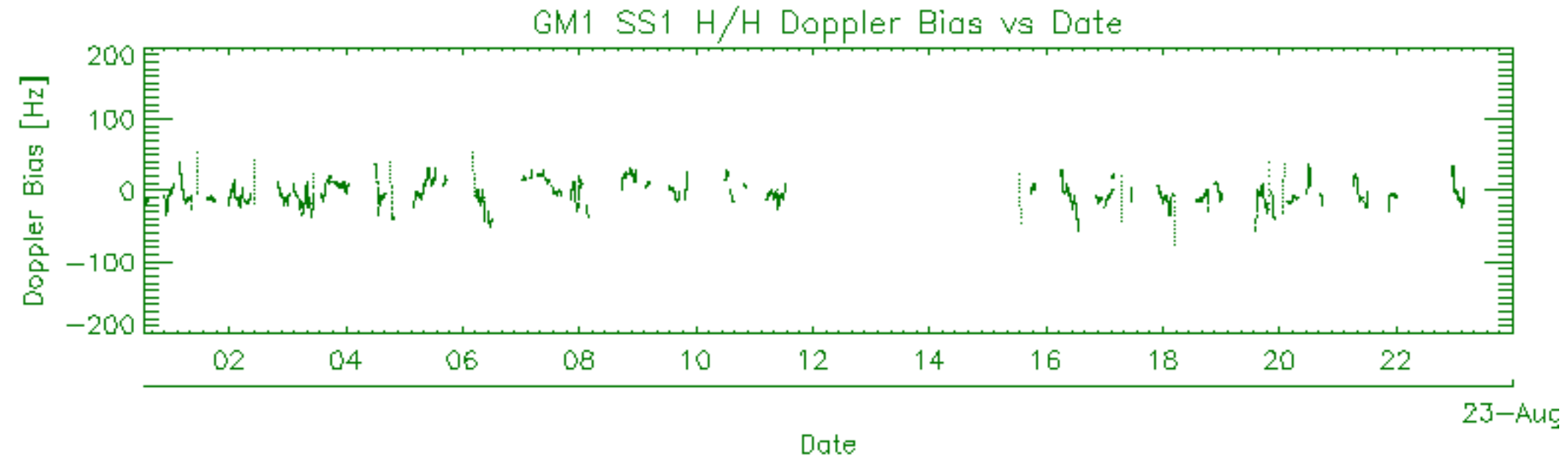
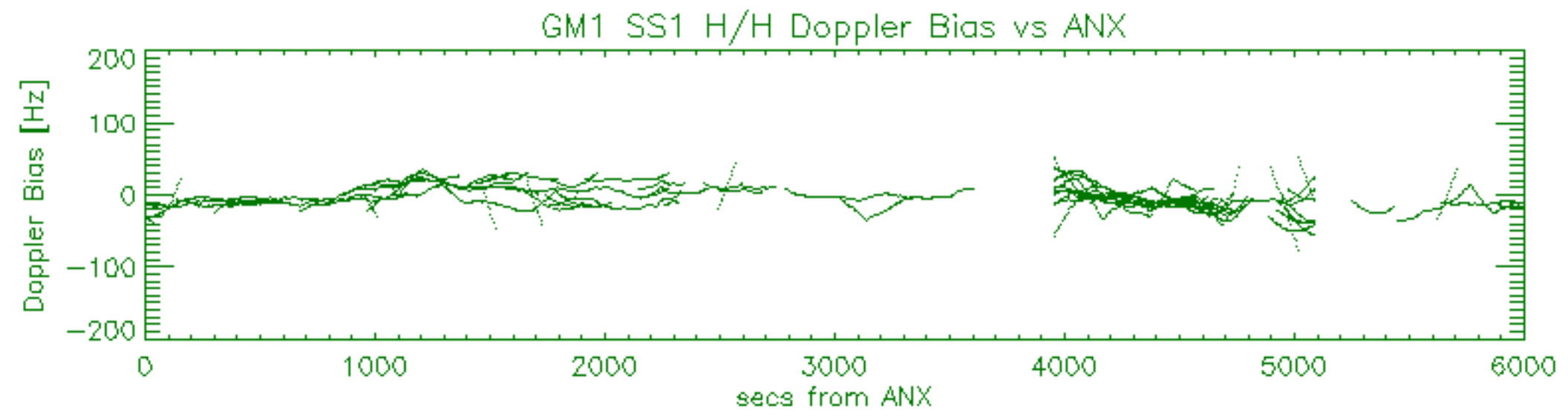
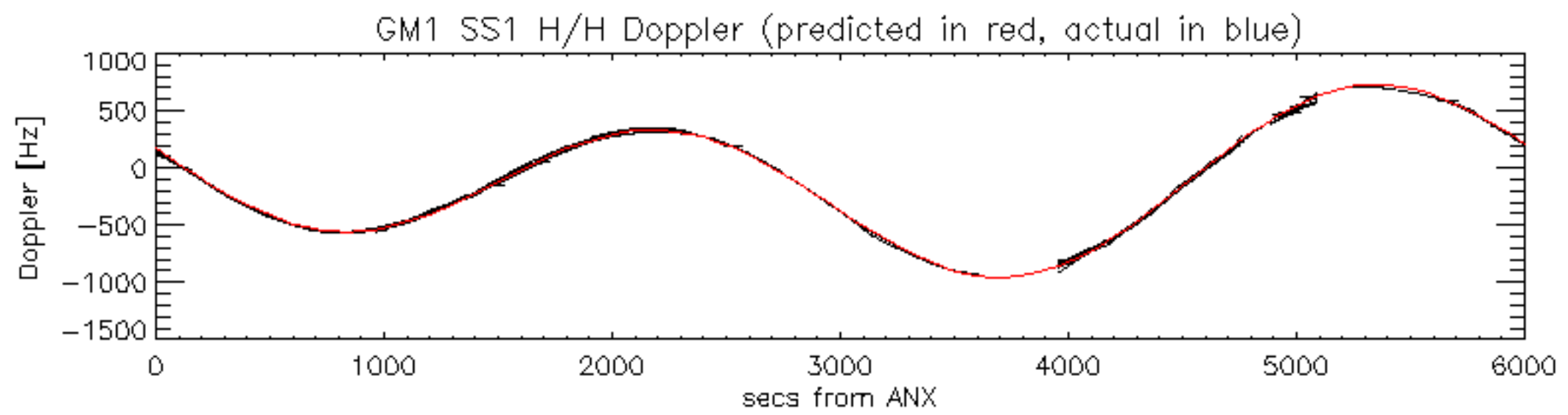
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ASA_WVS_1PNPDE20100822_044910_000011992092_00176_44318_6597.N1						IS2	V/V	92	44318	176	5.03
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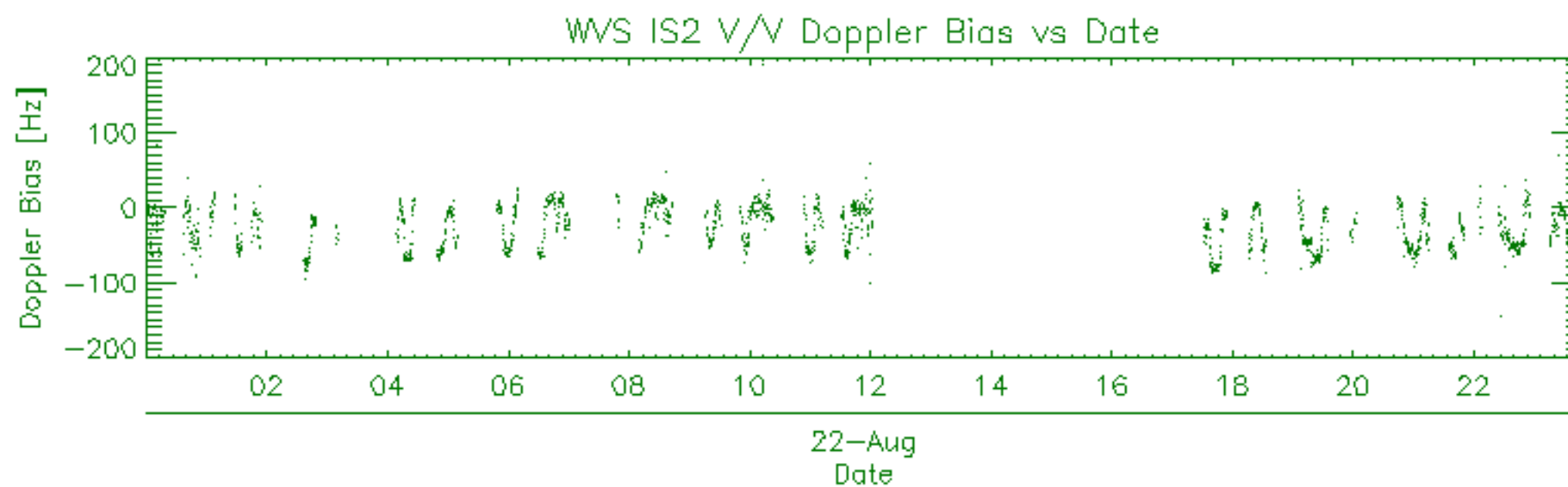
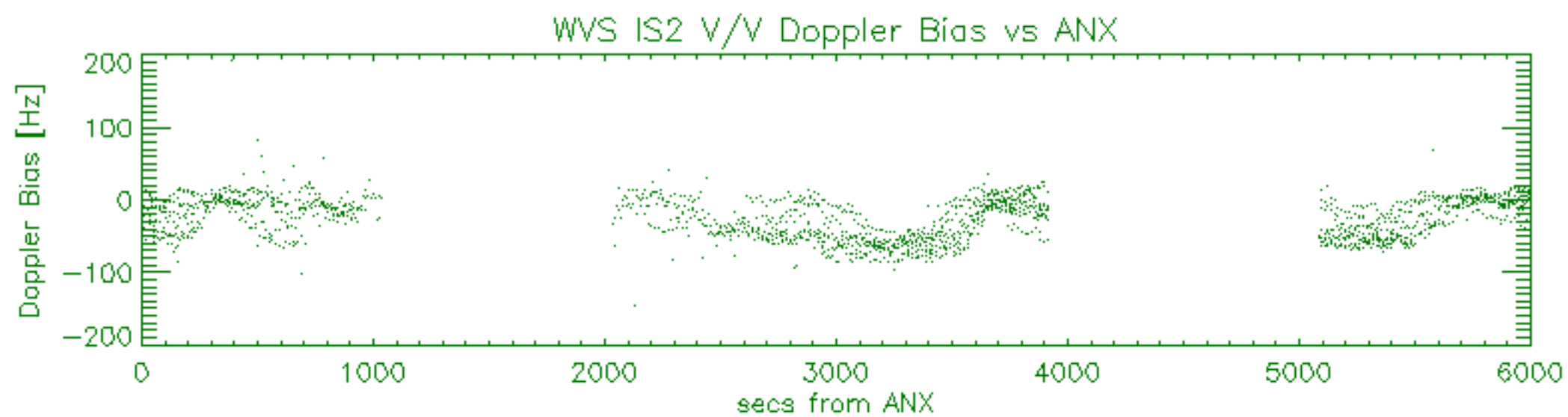
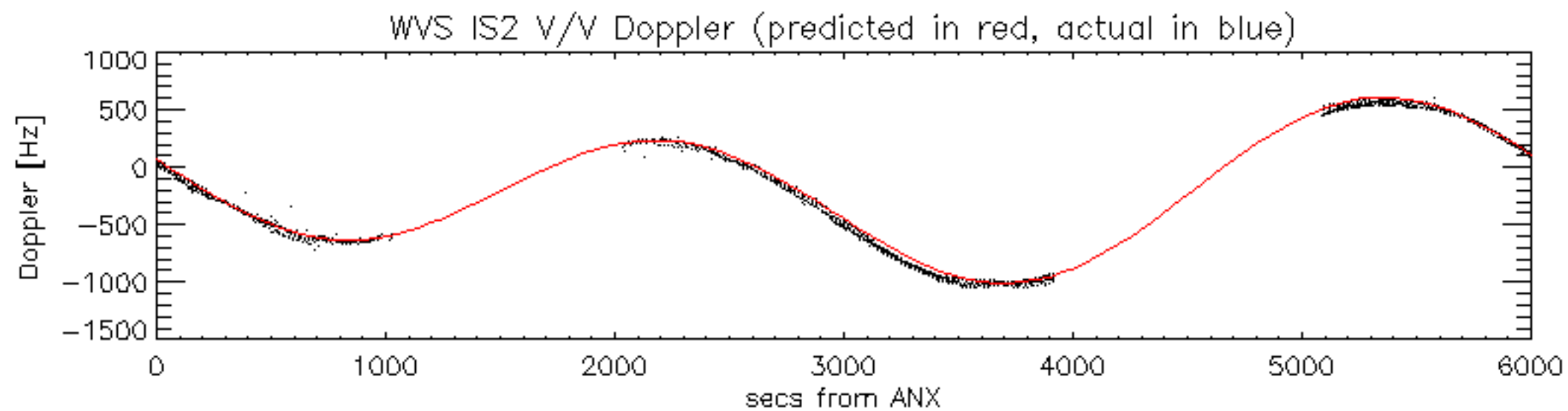


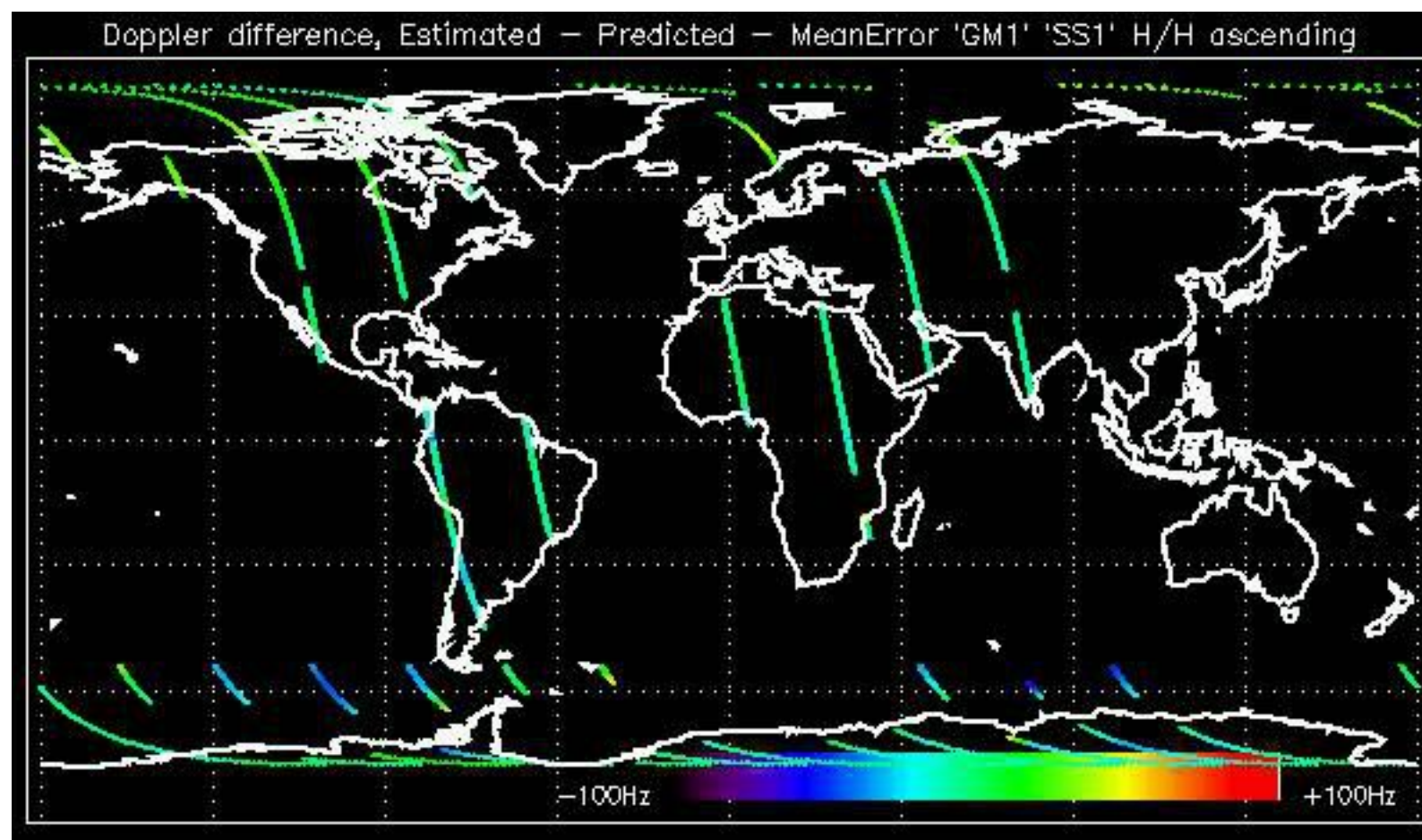


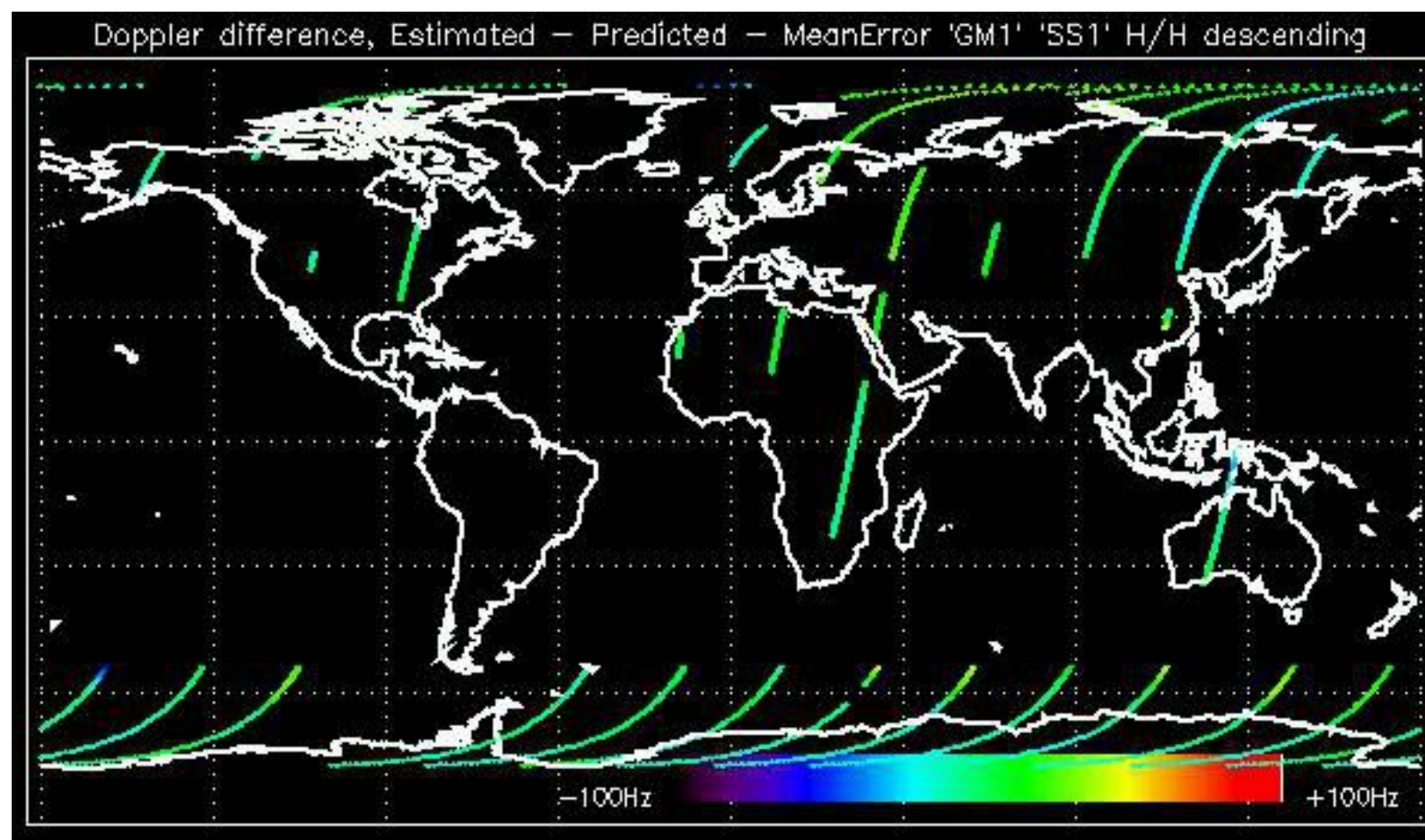


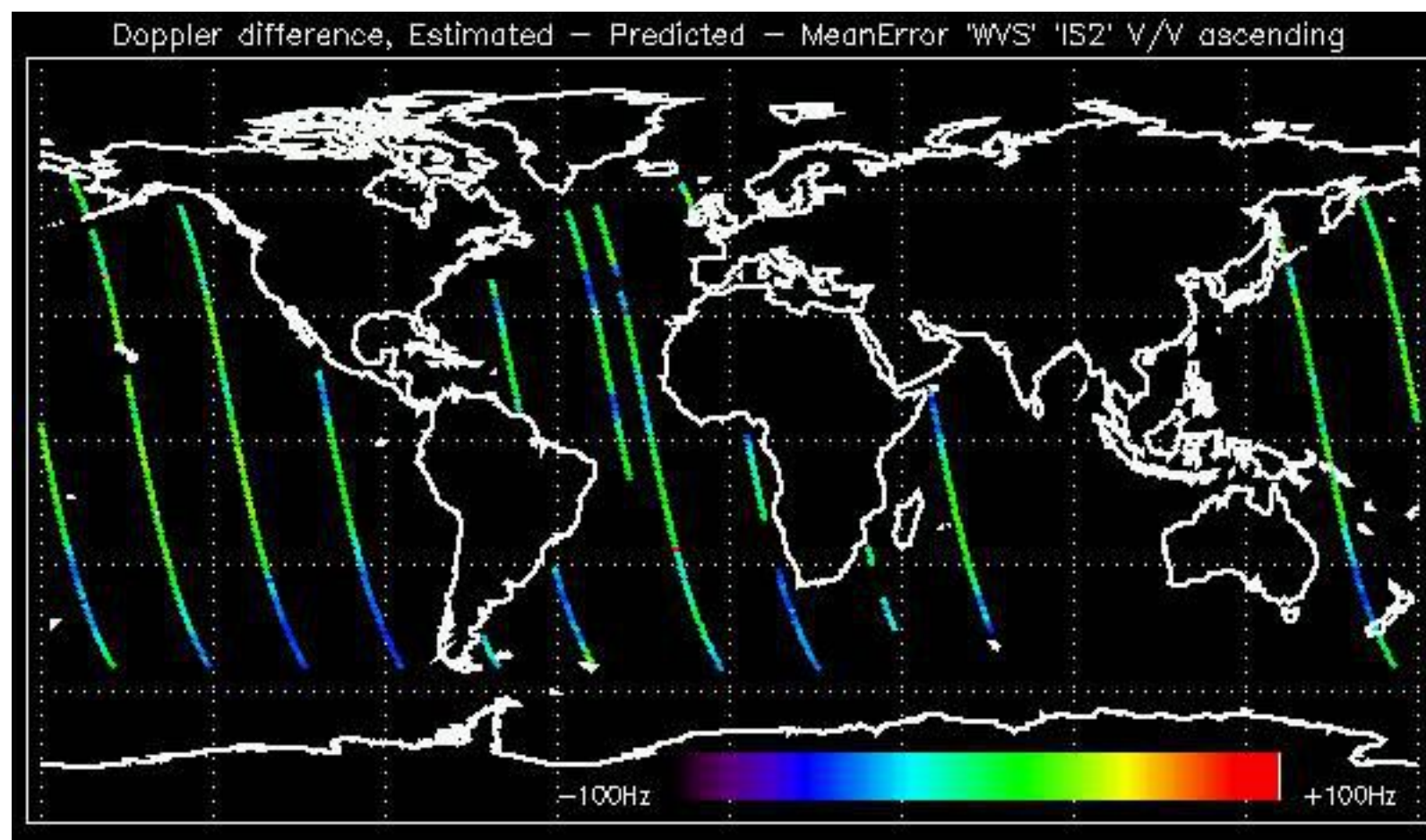


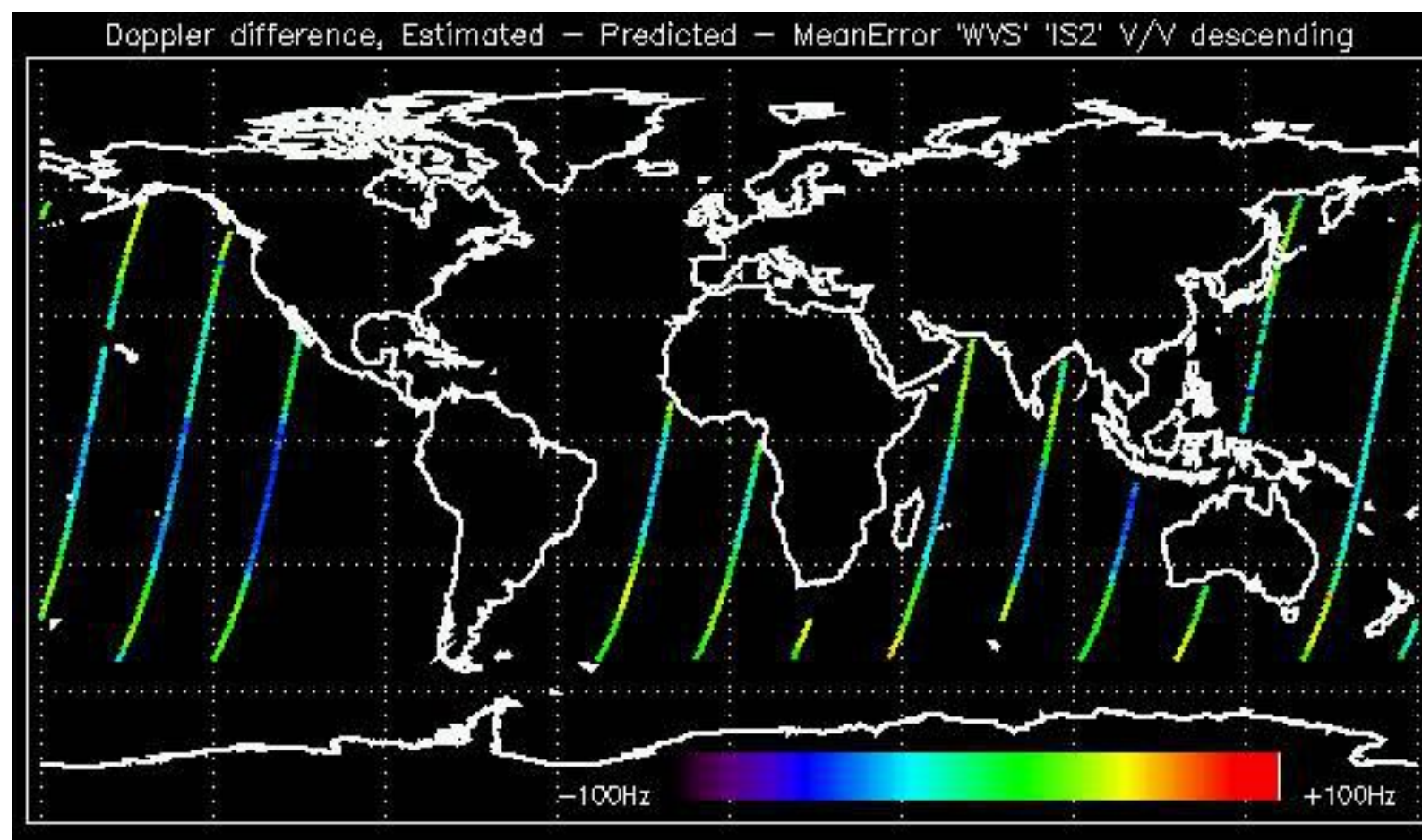


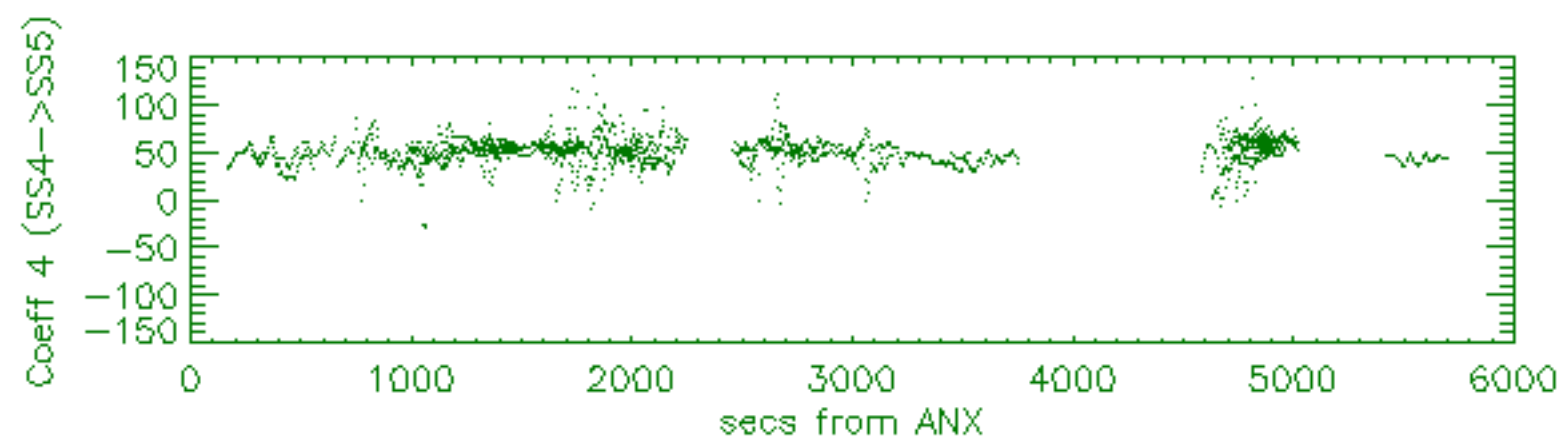
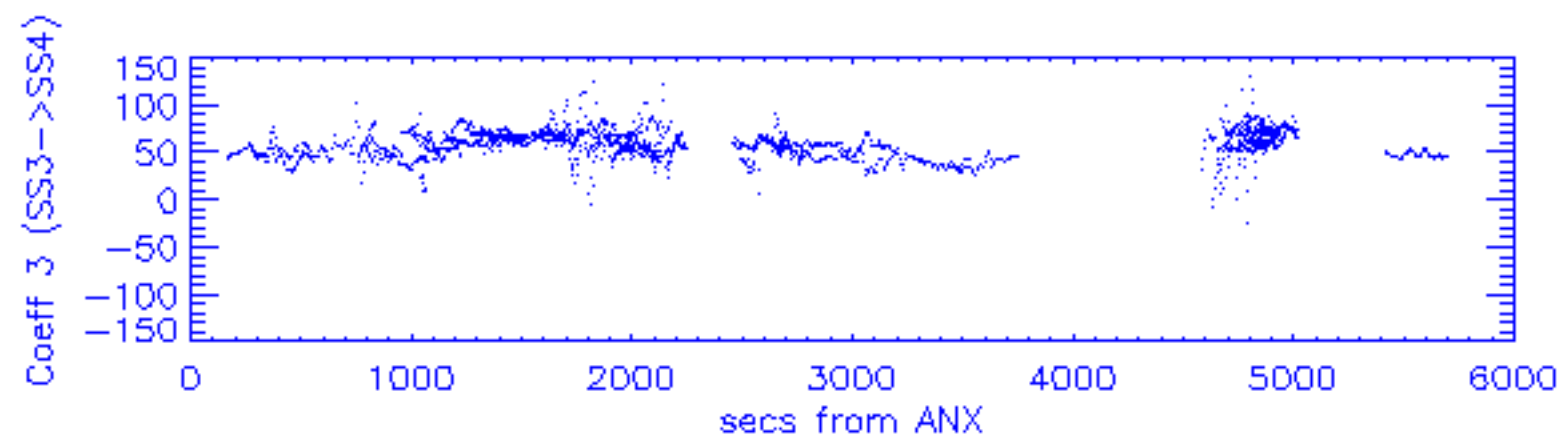
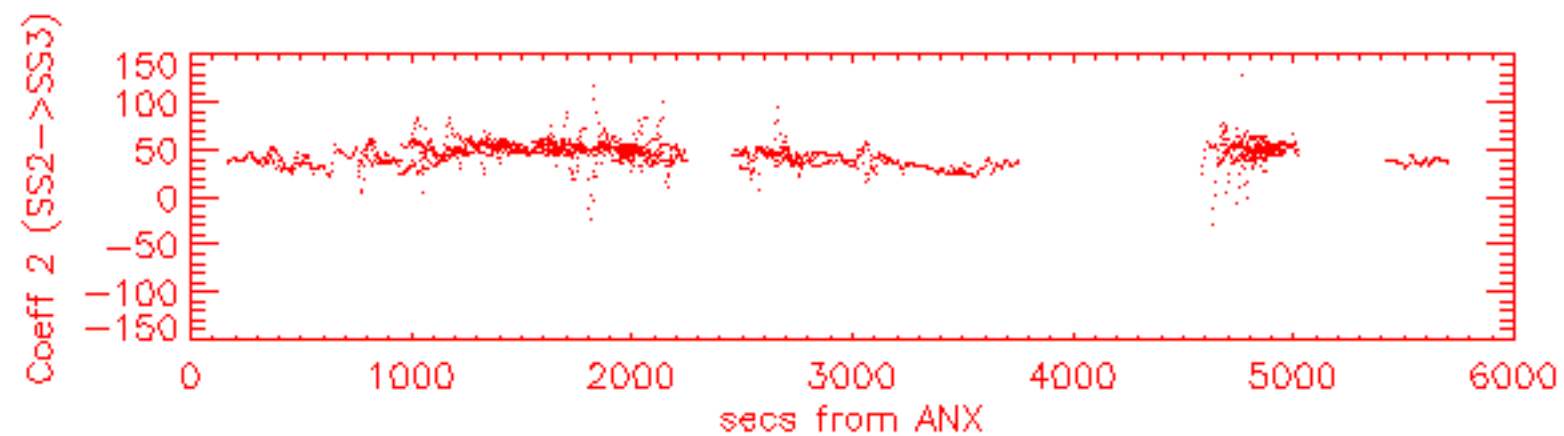
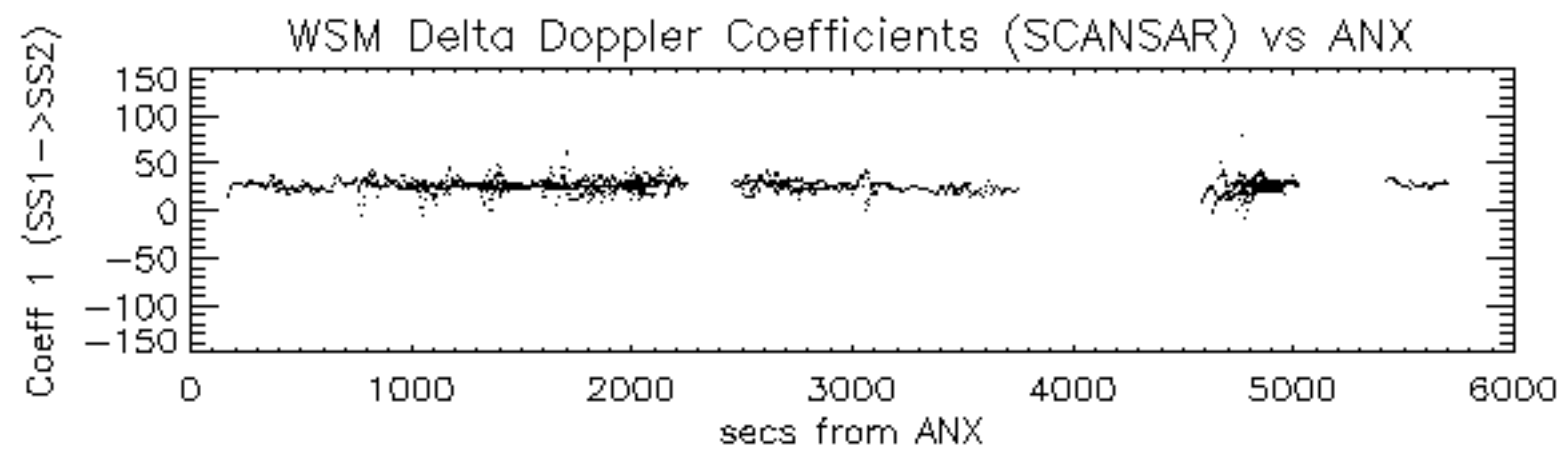


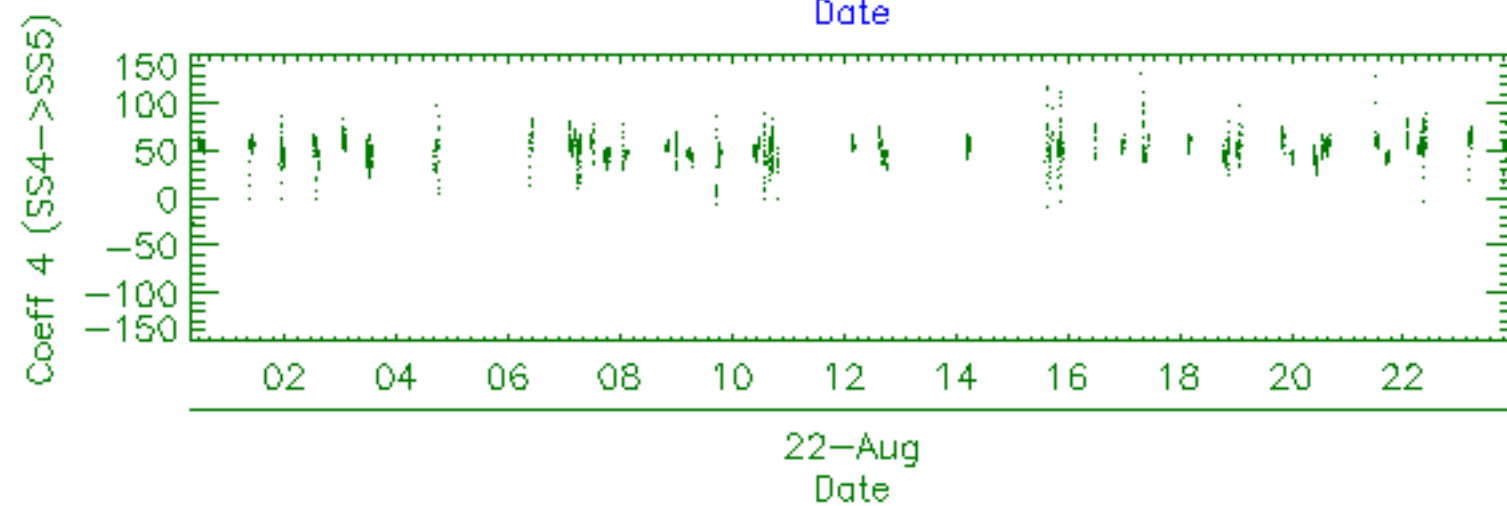
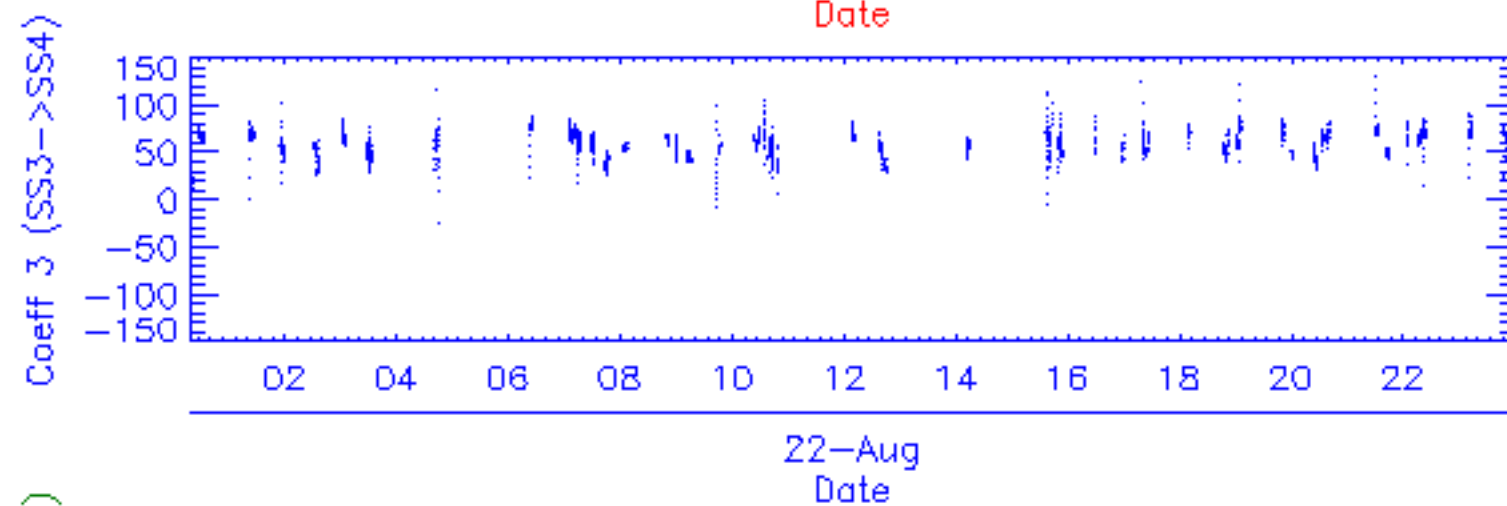
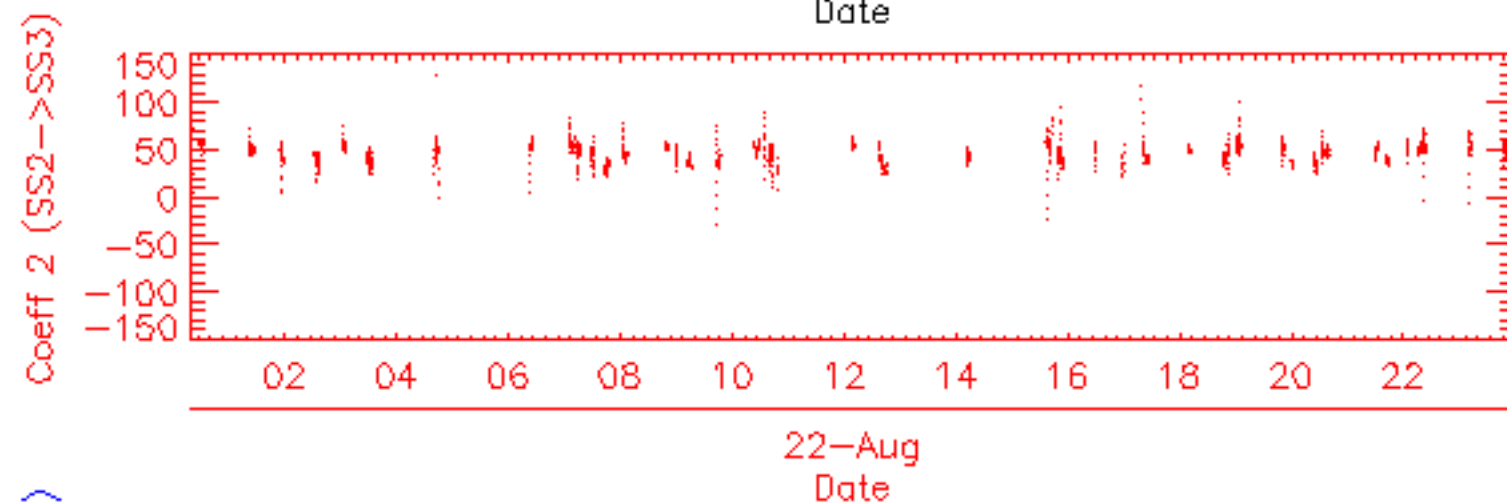
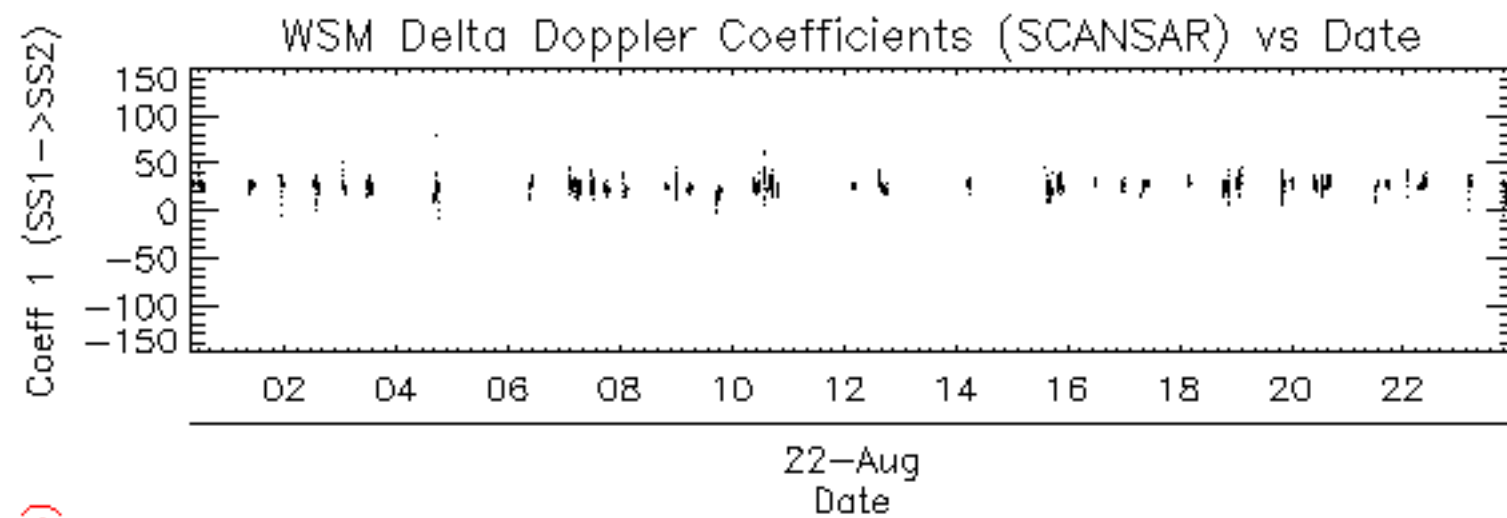


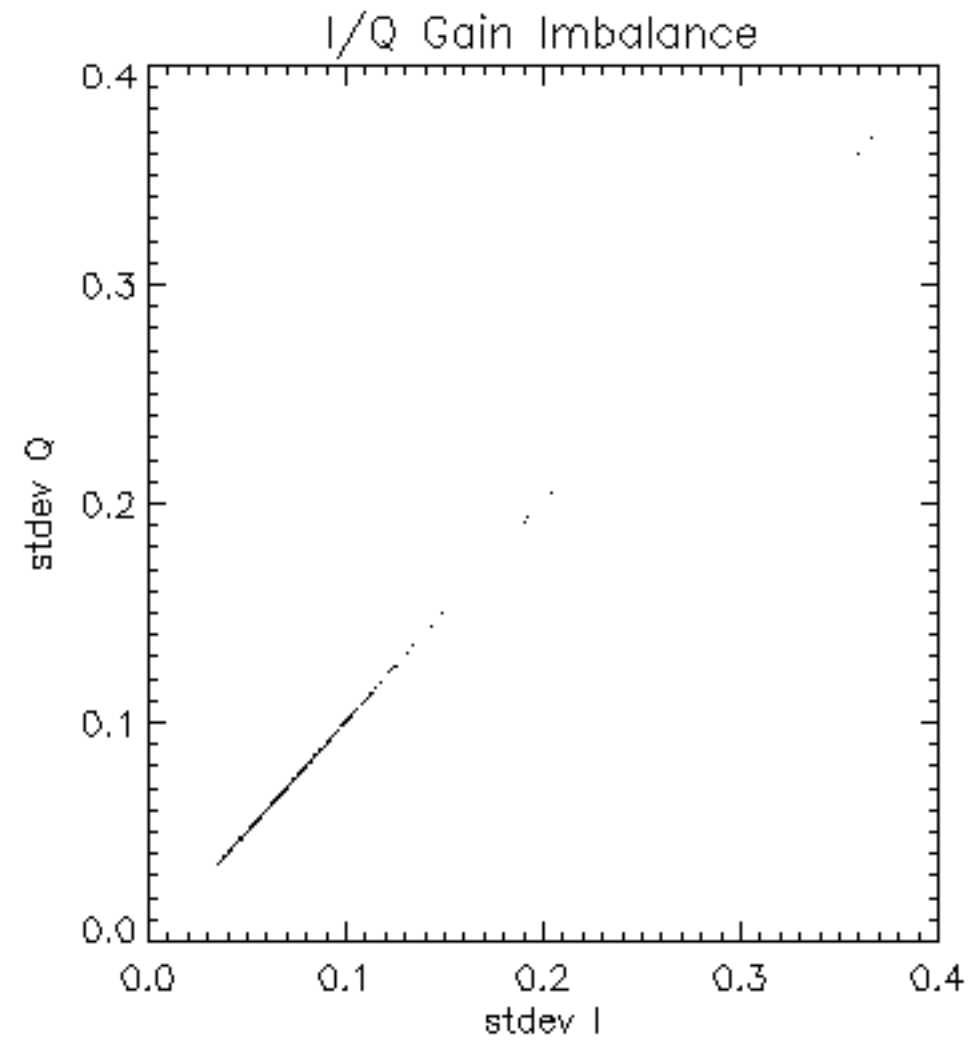


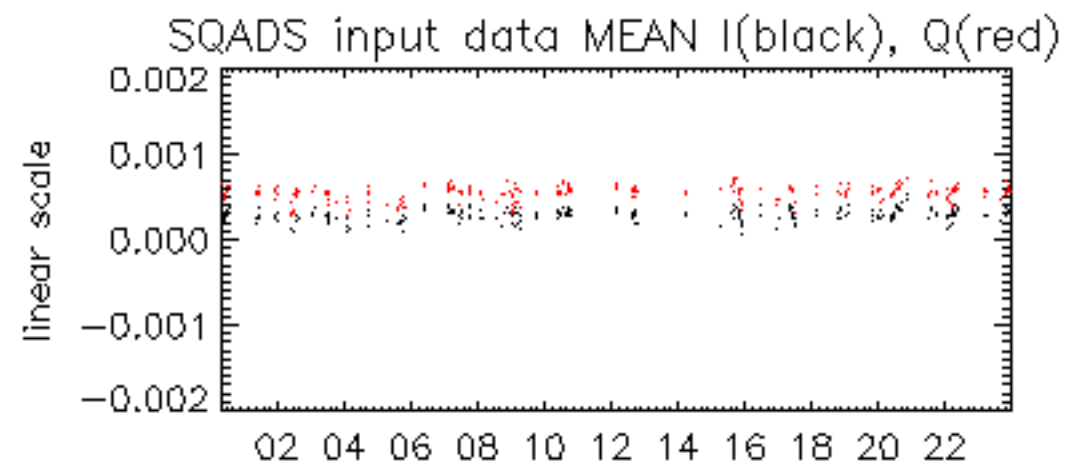




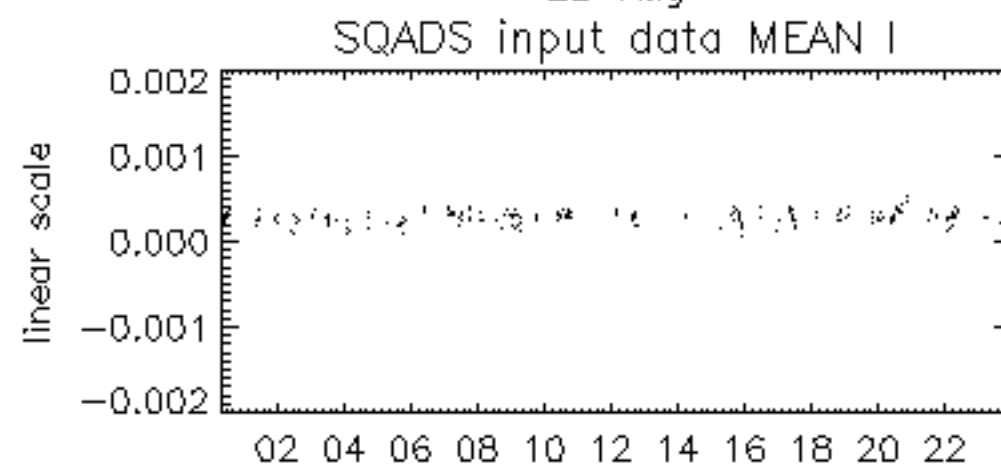




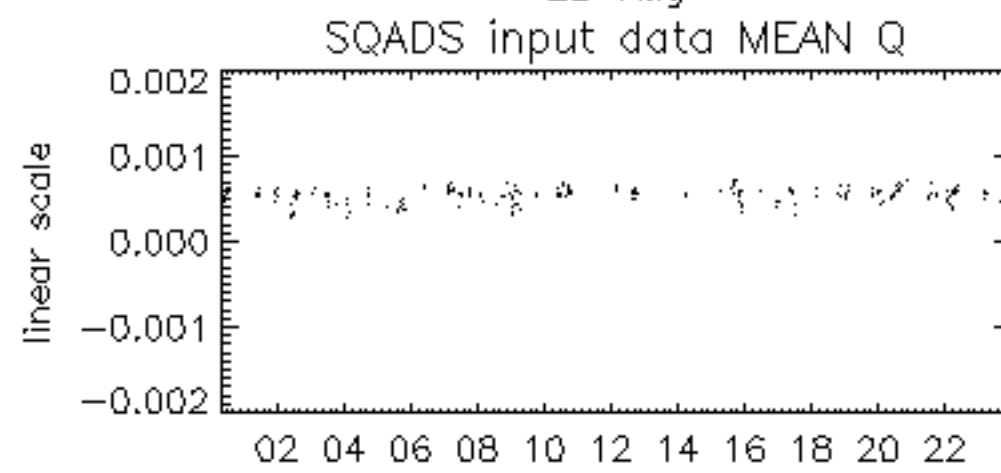




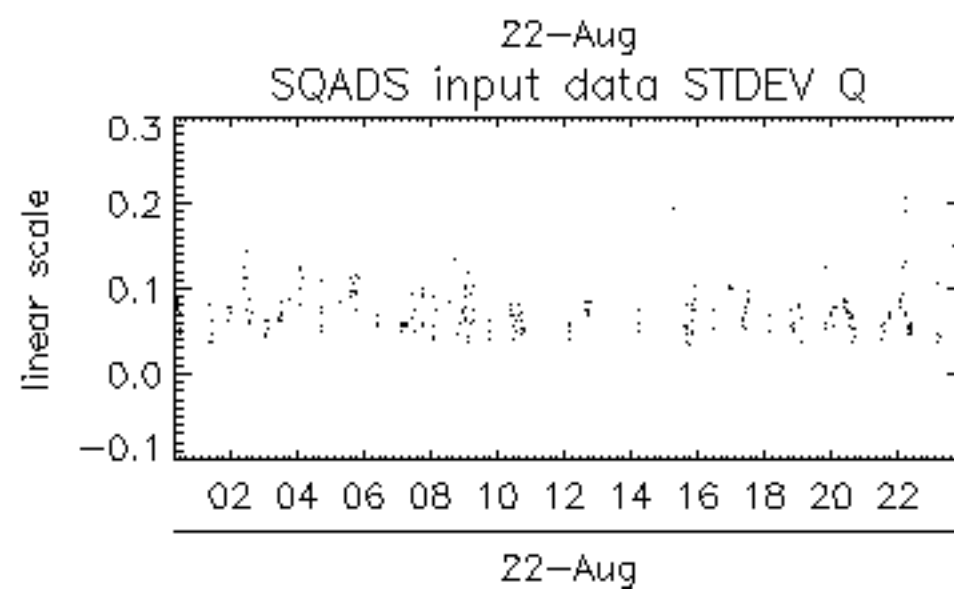
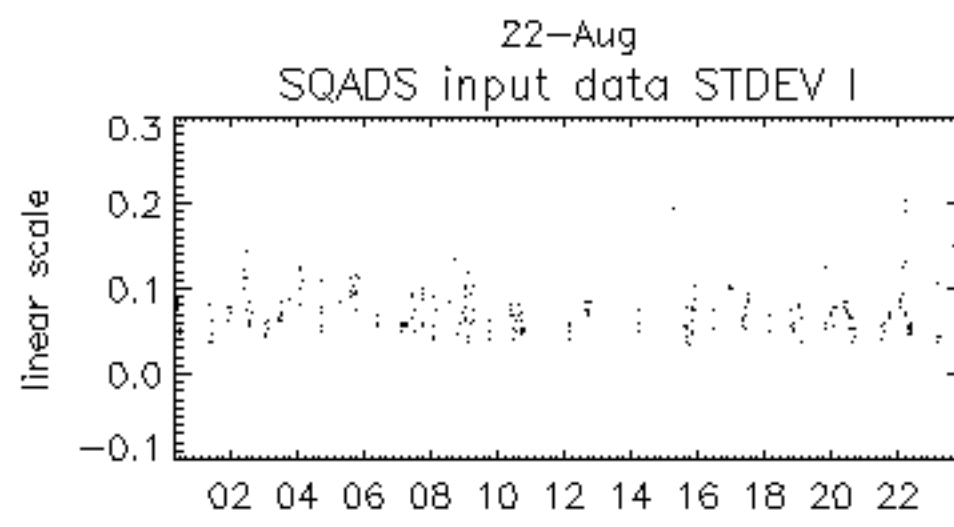
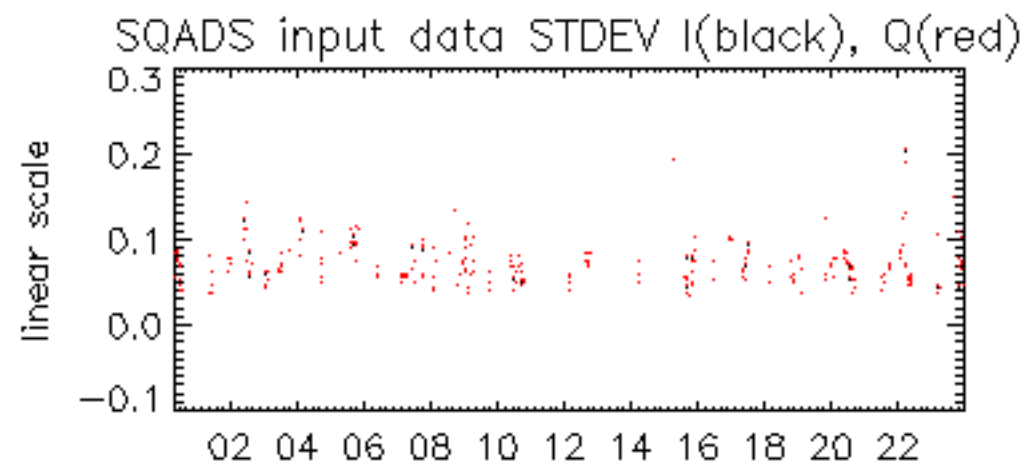
22-Aug

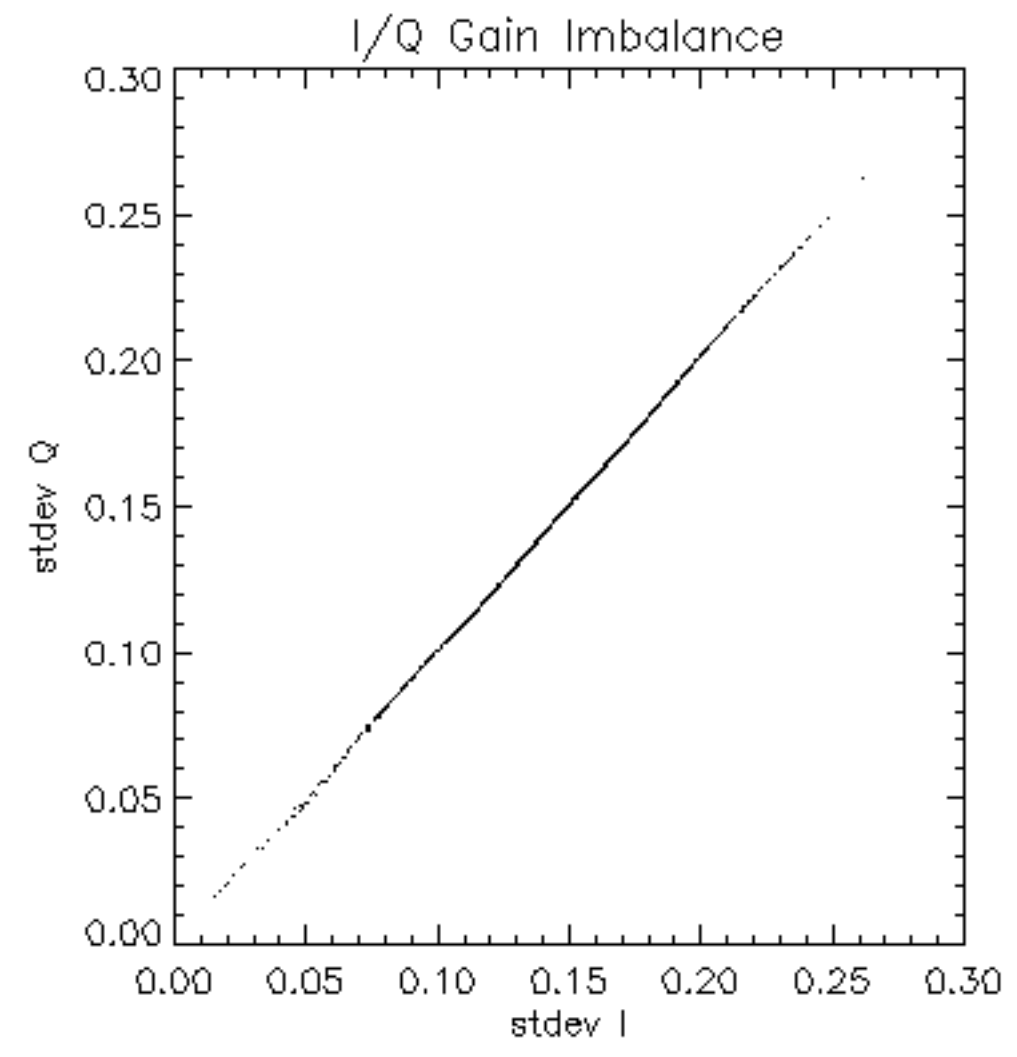


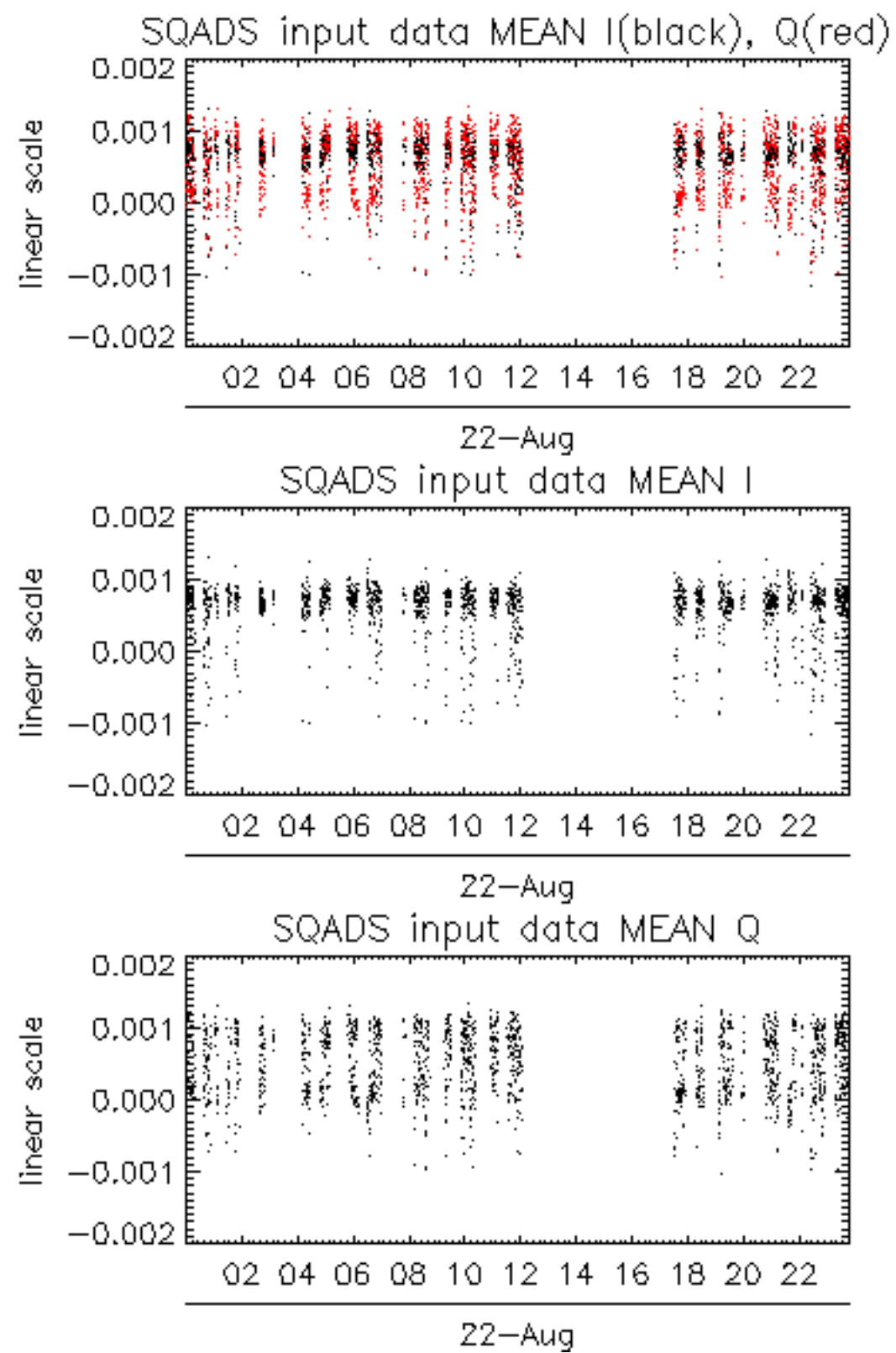
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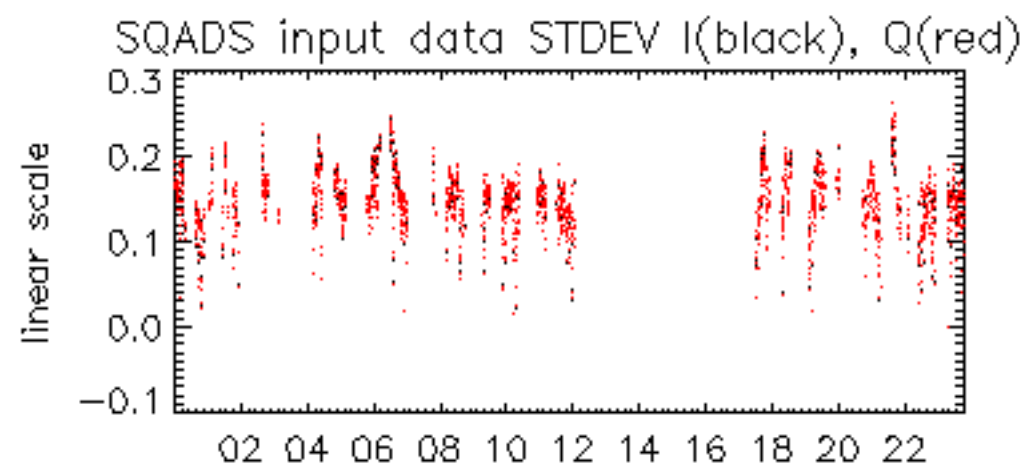


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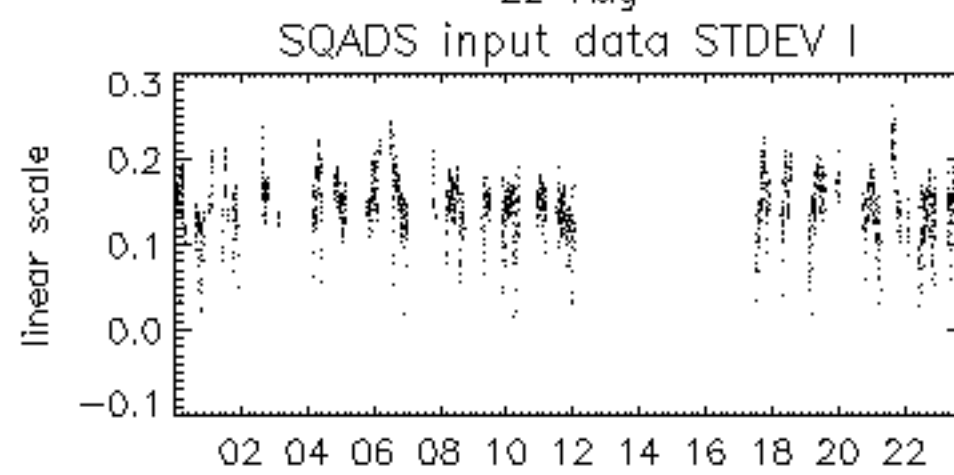




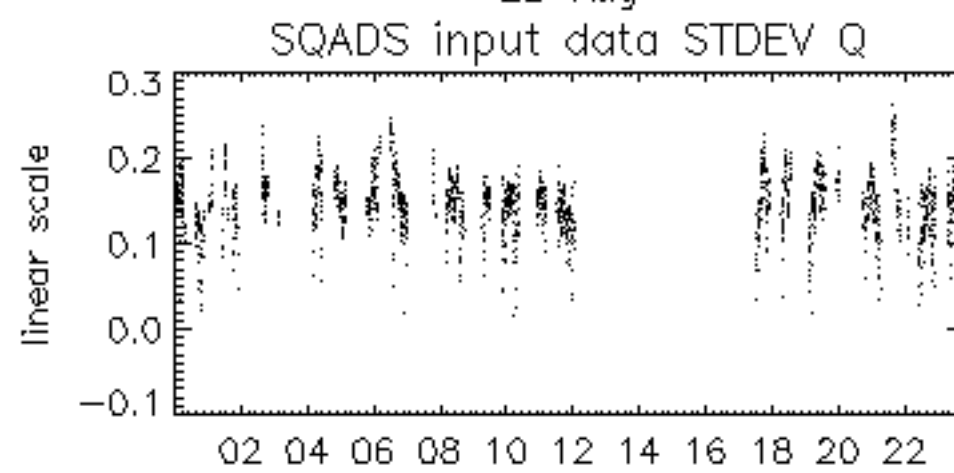




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