



Analysis from 05-FEB-2012 00:00:00 to 05-FEB-2012 23:59:59. Page generated on 06-FEB-2012 06:31:37.
View log file: ASAR_Daily_Report_20120206_0631.log. For any anomalies please contact emma.hatton@vegaspaces.com, kajal.haria@vegaspaces.com.

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	2	PDE	WS	H/H	28	PDE	IS1	V/H	2	PDE	IS1	V/V	1	PDE	WS	H/H	30	PDK	2012-02-05 08:20:16	H	320
PDE	IS2	V/V	27	PDK	WS	H/H	44	PDE	IS1	V/V	1	PDE	IS2	V/V	2	PDE	WS	V/V	6	PDK	2012-02-05 13:23:40	H	320
PDK	IS2	V/V	20					PDE	IS2	H/H	2	PDE	IS4	H/H	1	PDK	WS	H/H	17	PDK	2012-02-05 15:28:26	H	320
								PDE	IS3	H/H	1	PDE	IS5	H/H	1	PDK	WS	V/V	3				
								PDK	IS2	H/H	1	PDE	IS6	H/H	5								
								PDK	IS4	H/H	1	PDK	IS6	H/H	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_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

2.2 - Products with wrong ADFs

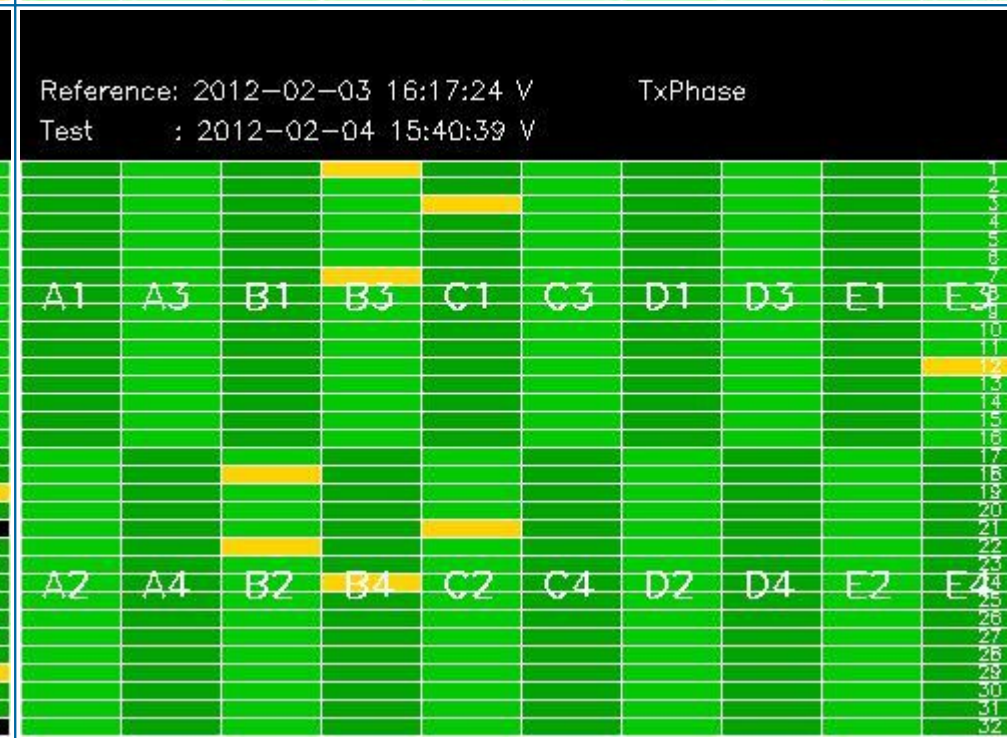
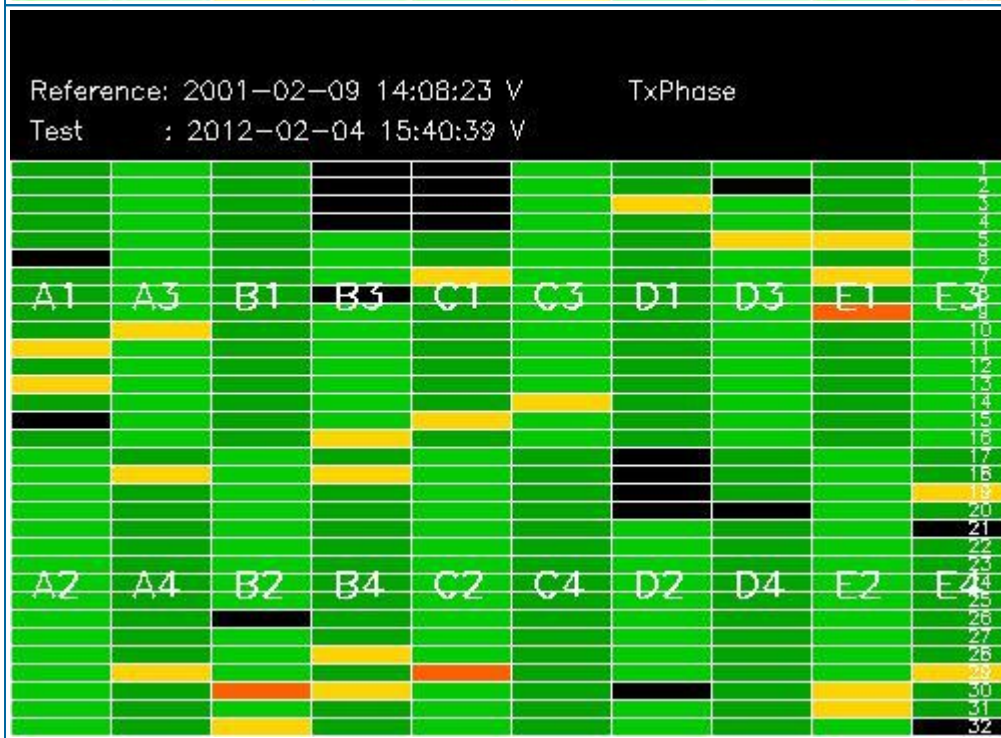
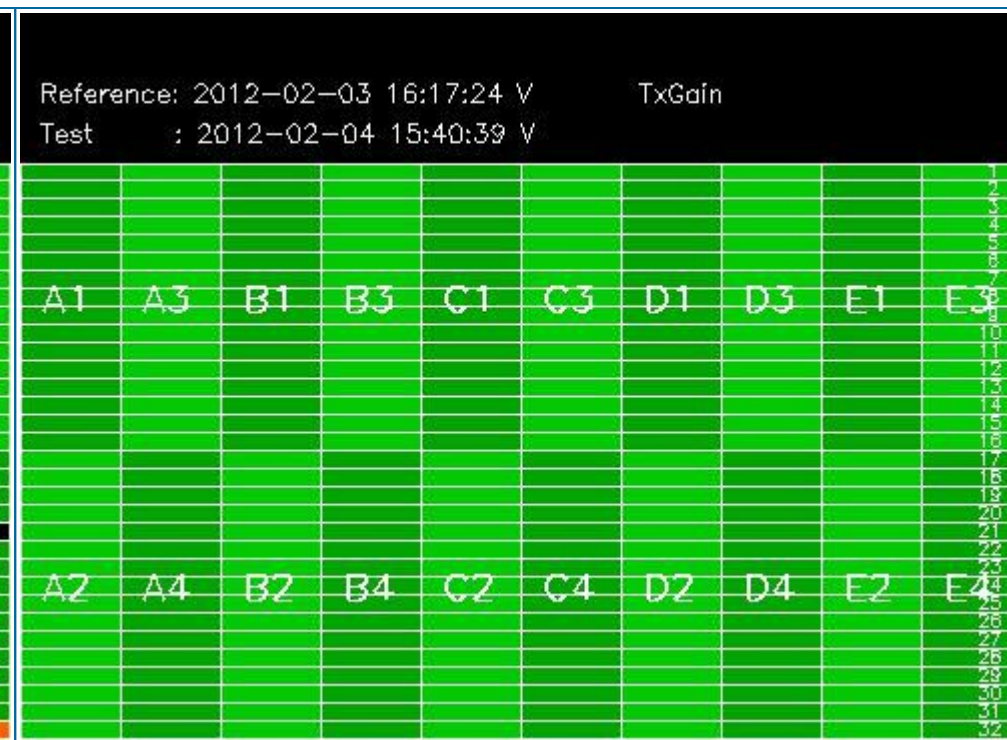
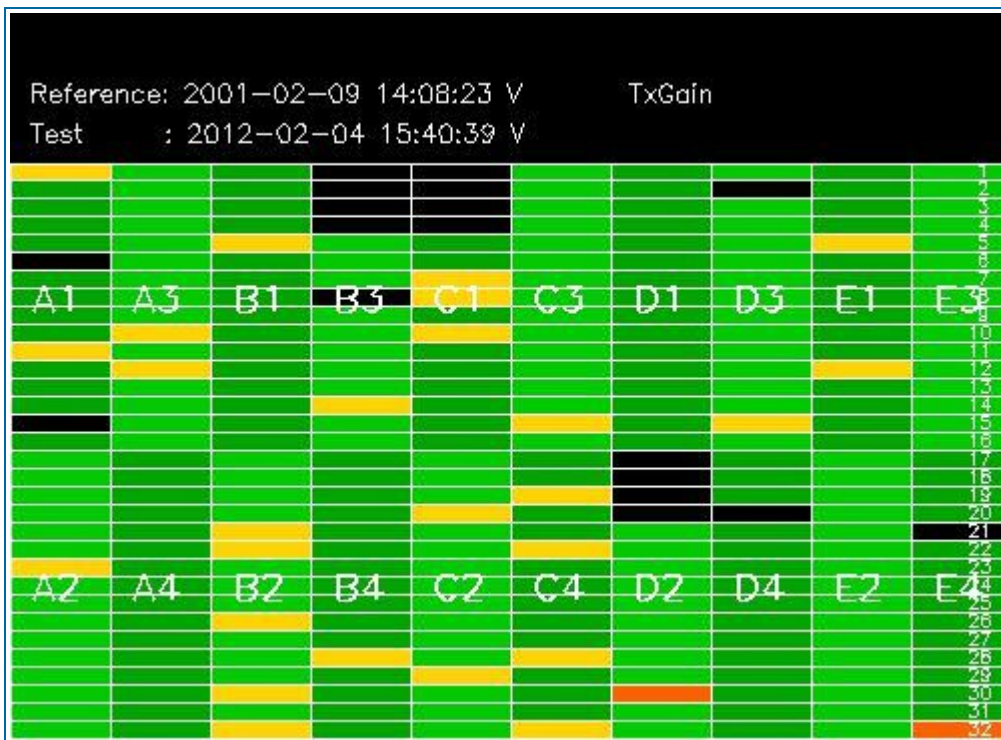
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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0
APM	0	0	0	0
IMM	0	0	0	0
WSM	0	0	0	0

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

3 - MODULE STEPPING PRODUCTS ANALYSIS





3.2 - H/H polarisation

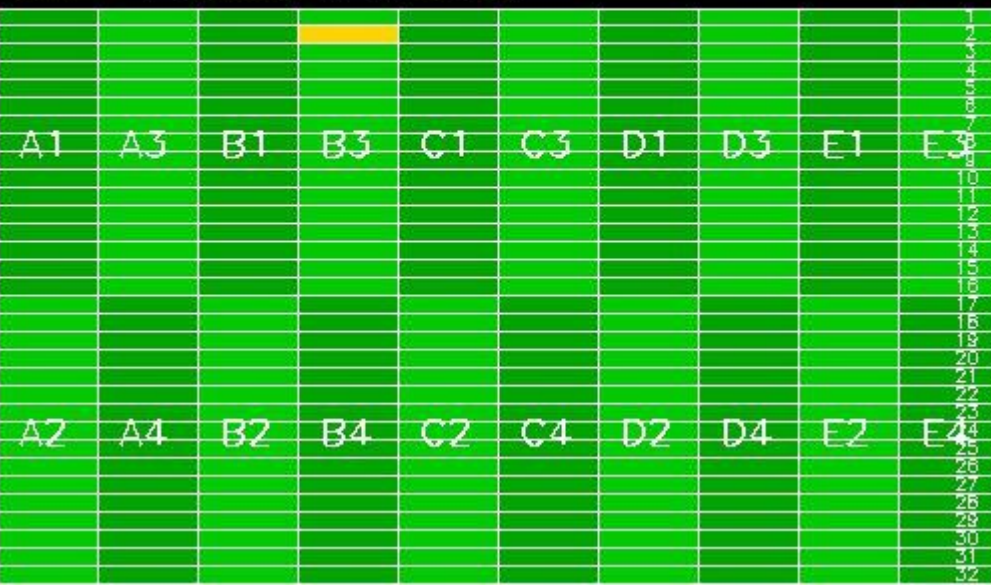
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
Pre-launch reference (2001-02-09)	Previous product in the same polarisation

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2012-02-05 15:28:26 H



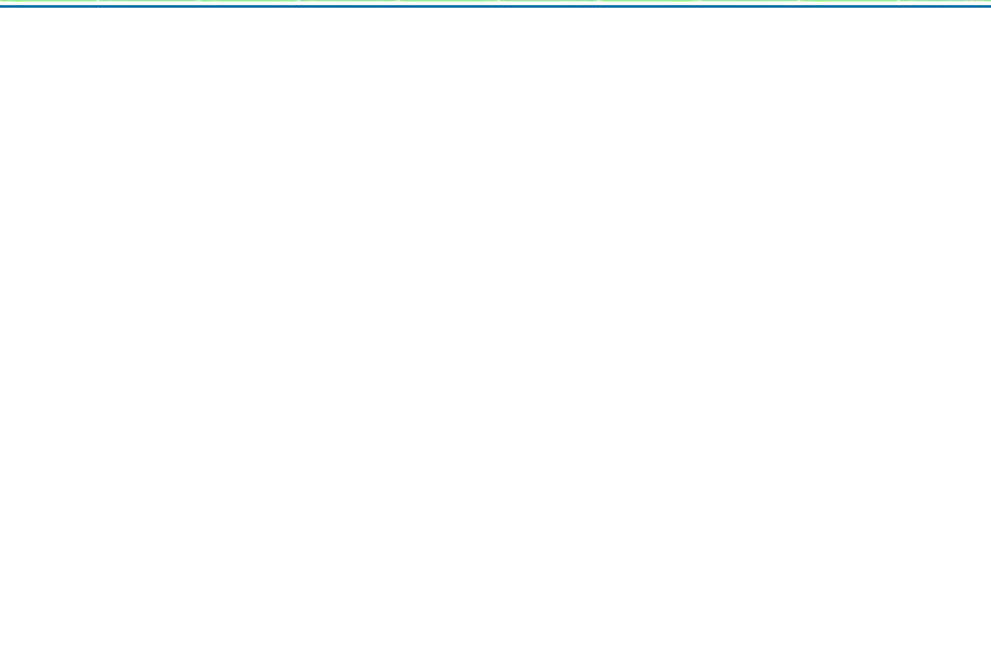
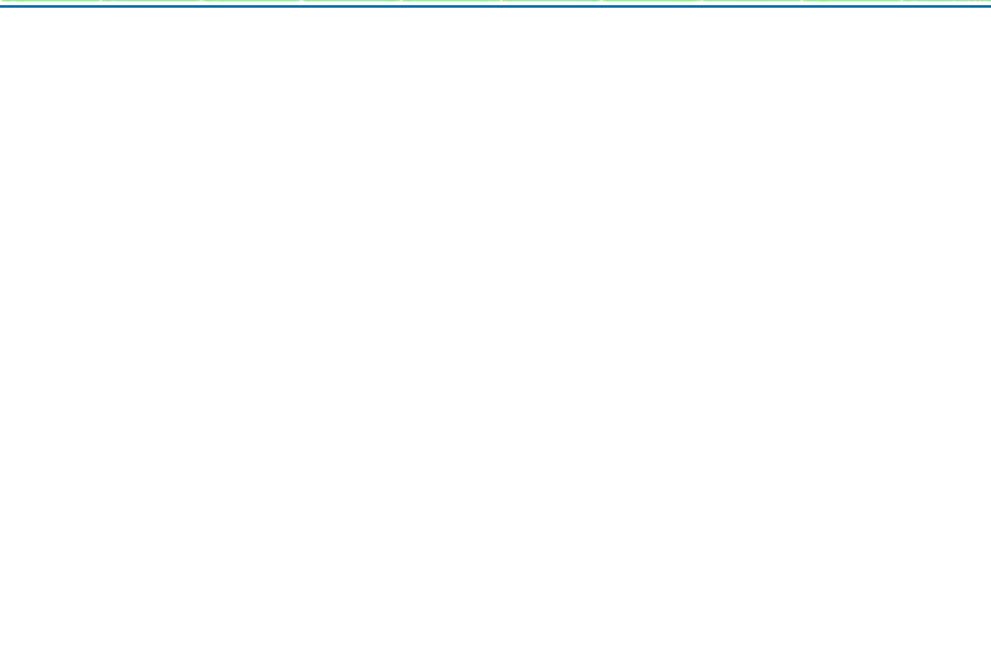
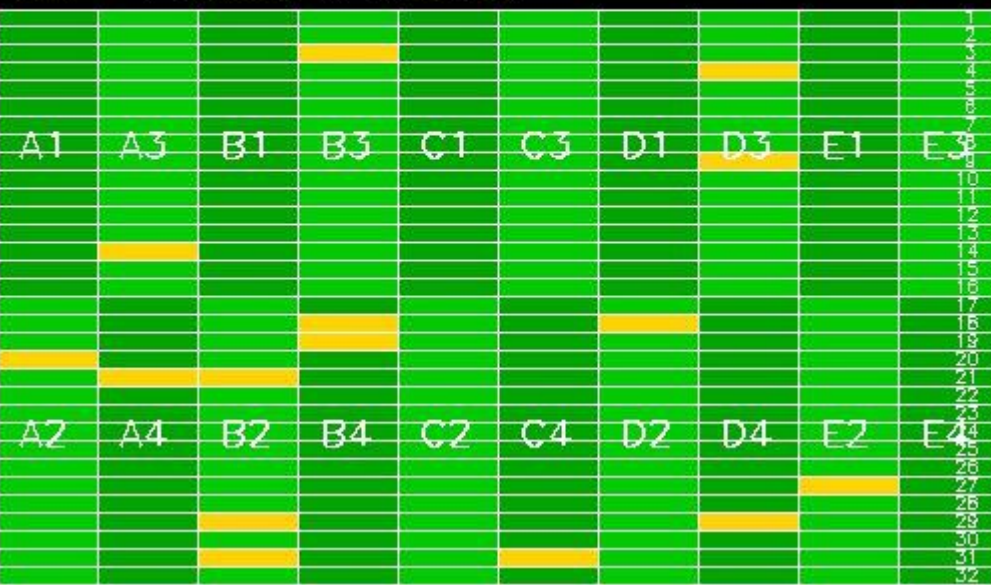
Reference: 2012-02-05 13:23:40 H RxGain
 Test : 2012-02-05 15:28:26 H

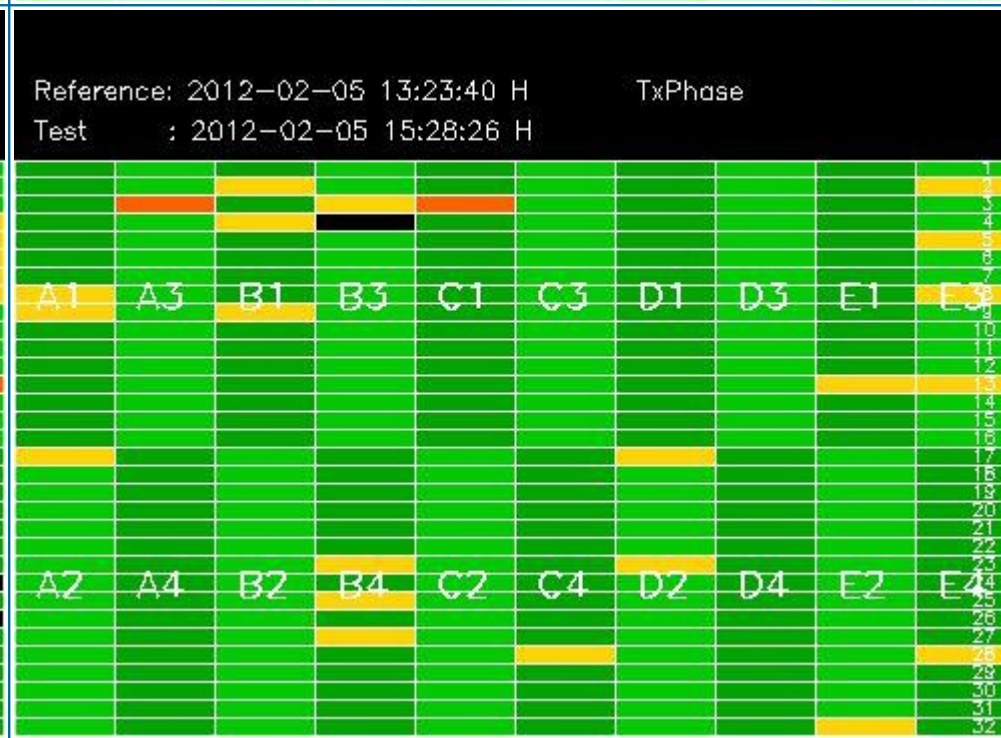
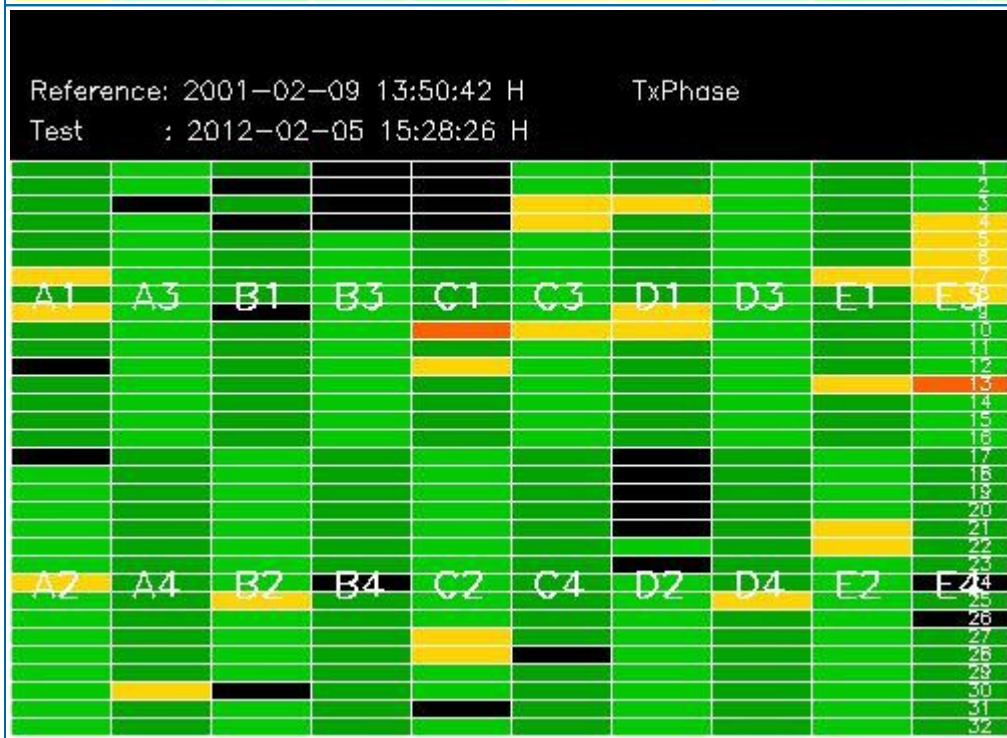
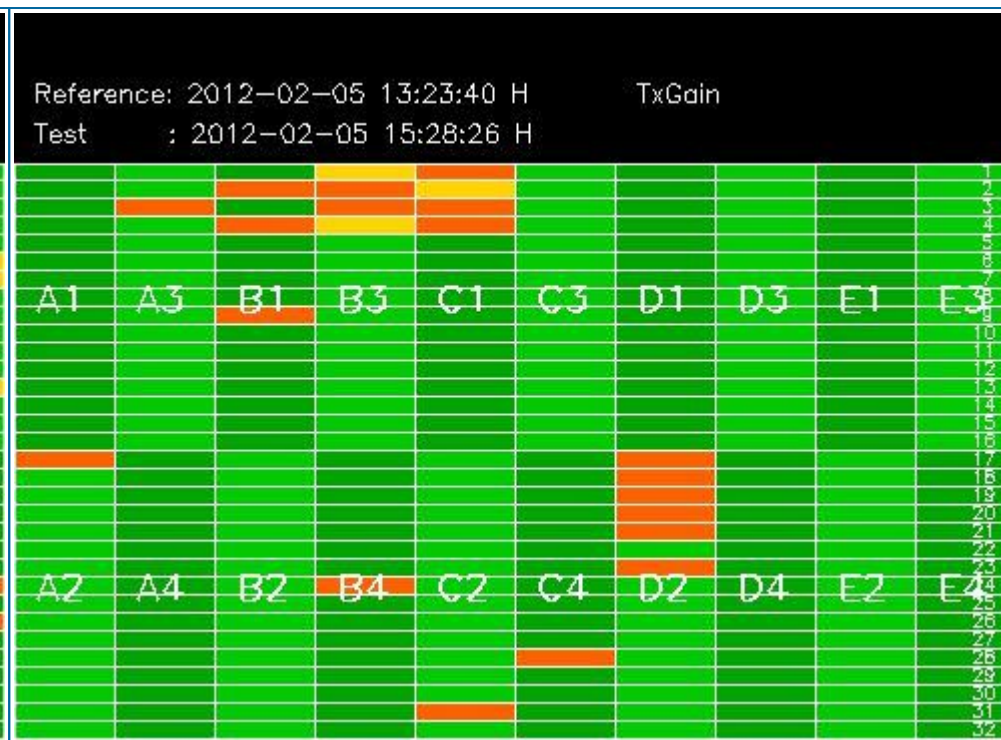
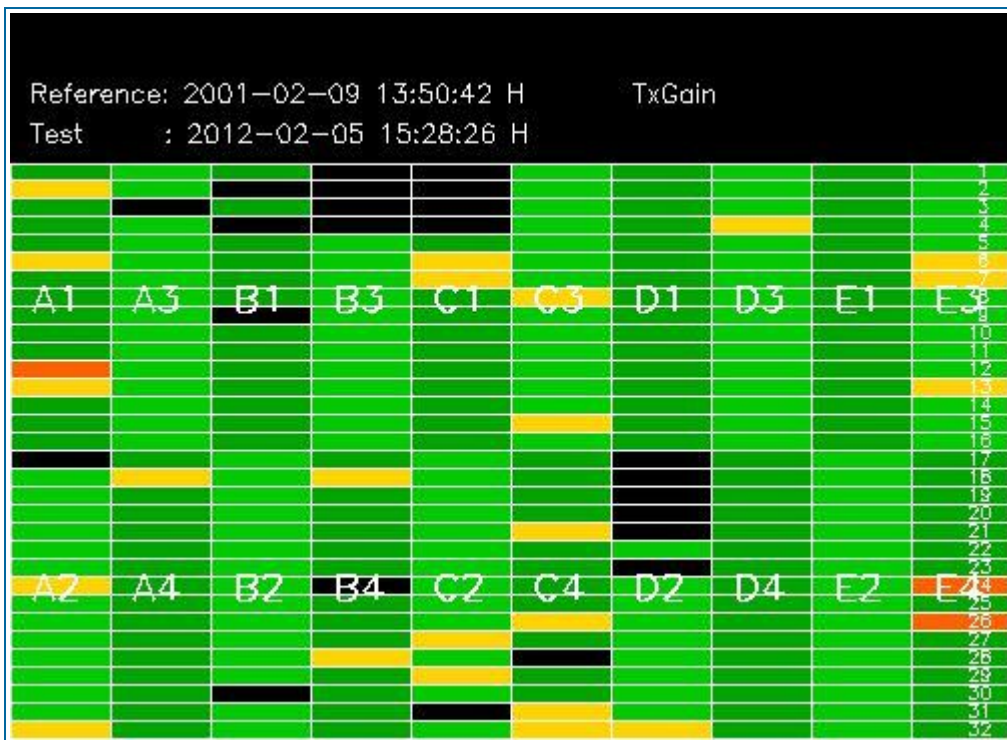


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2012-02-05 15:28:26 H



Reference: 2012-02-05 13:23:40 H RxPhase
 Test : 2012-02-05 15:28:26 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

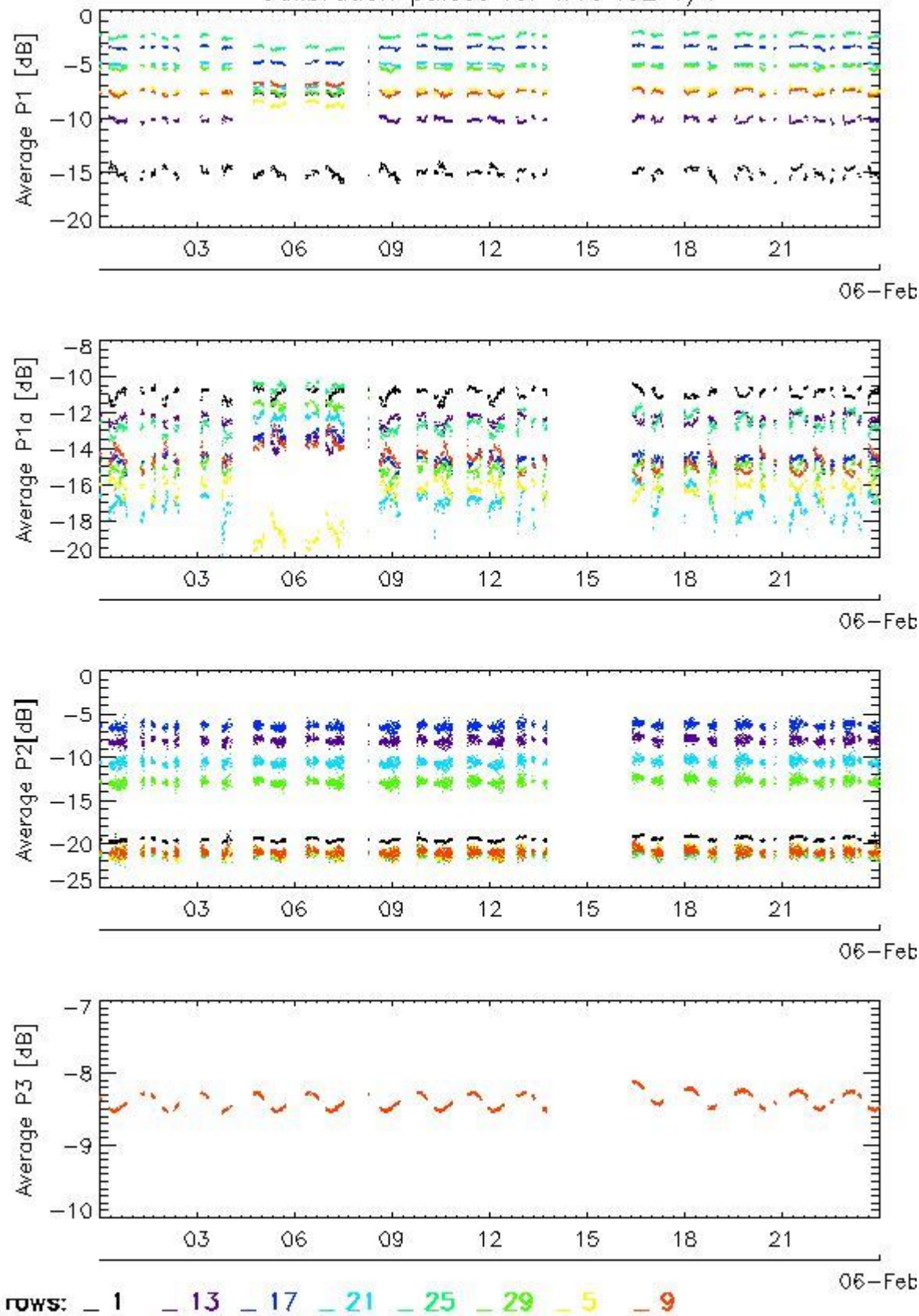
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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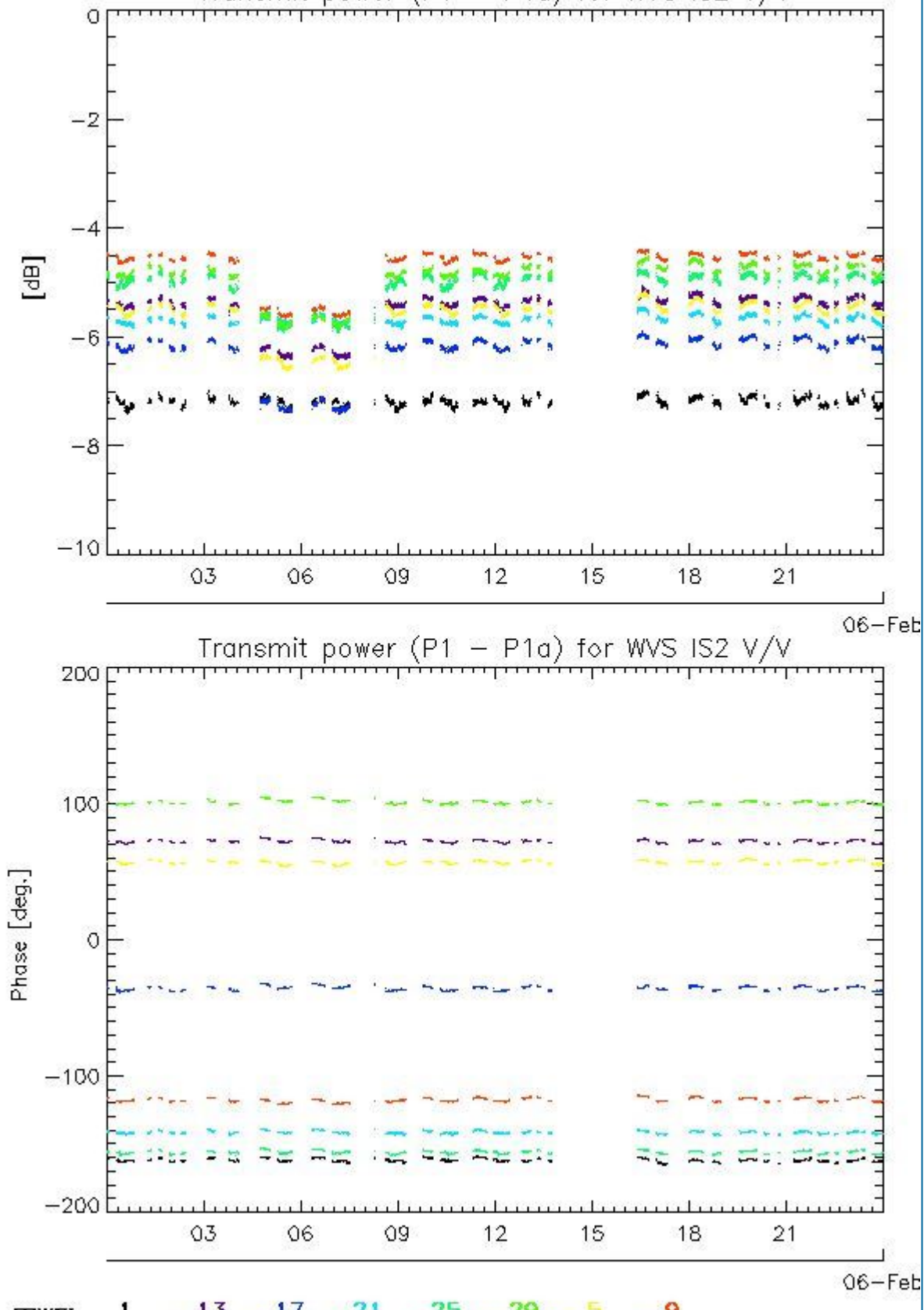
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



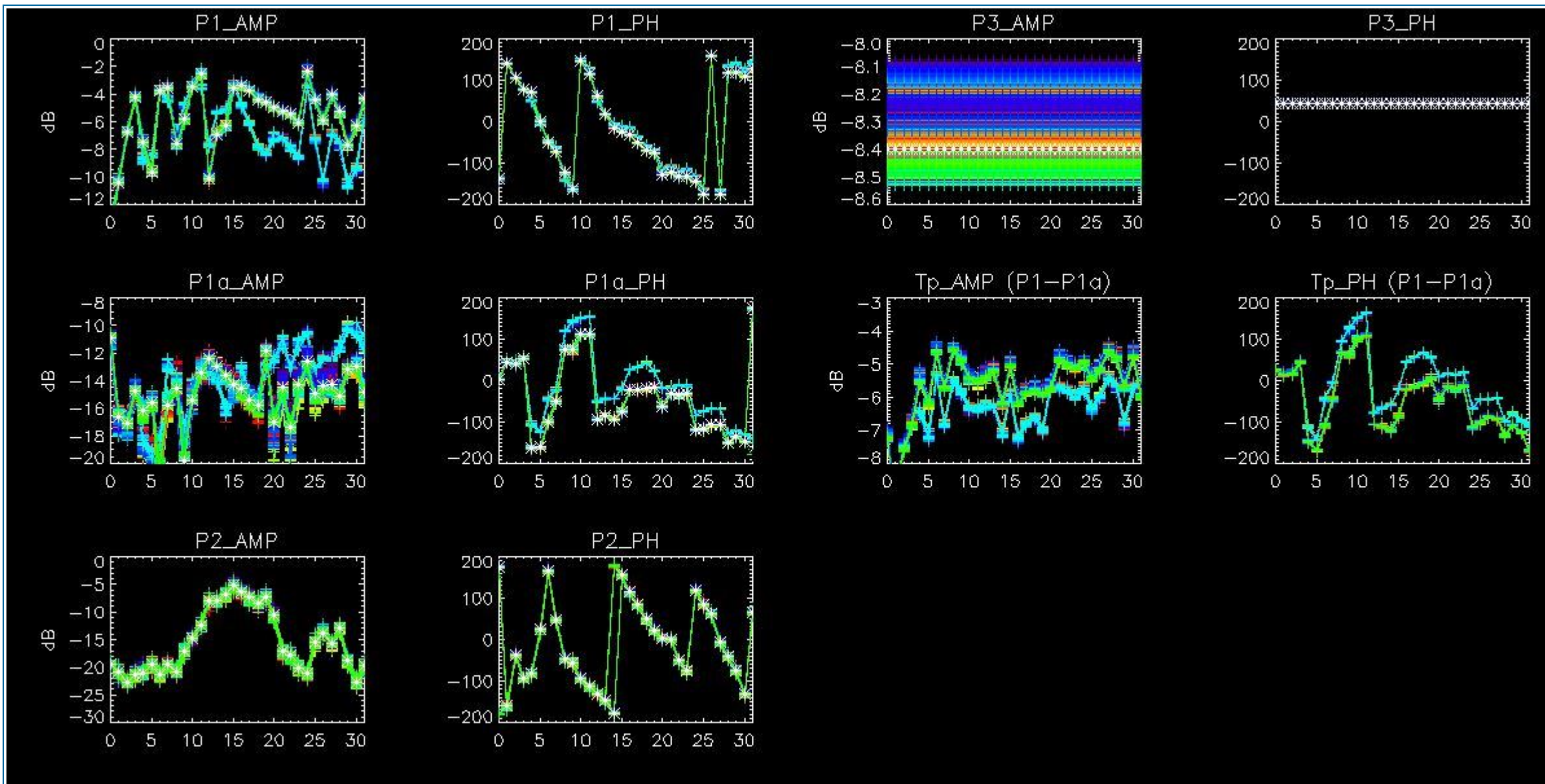
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

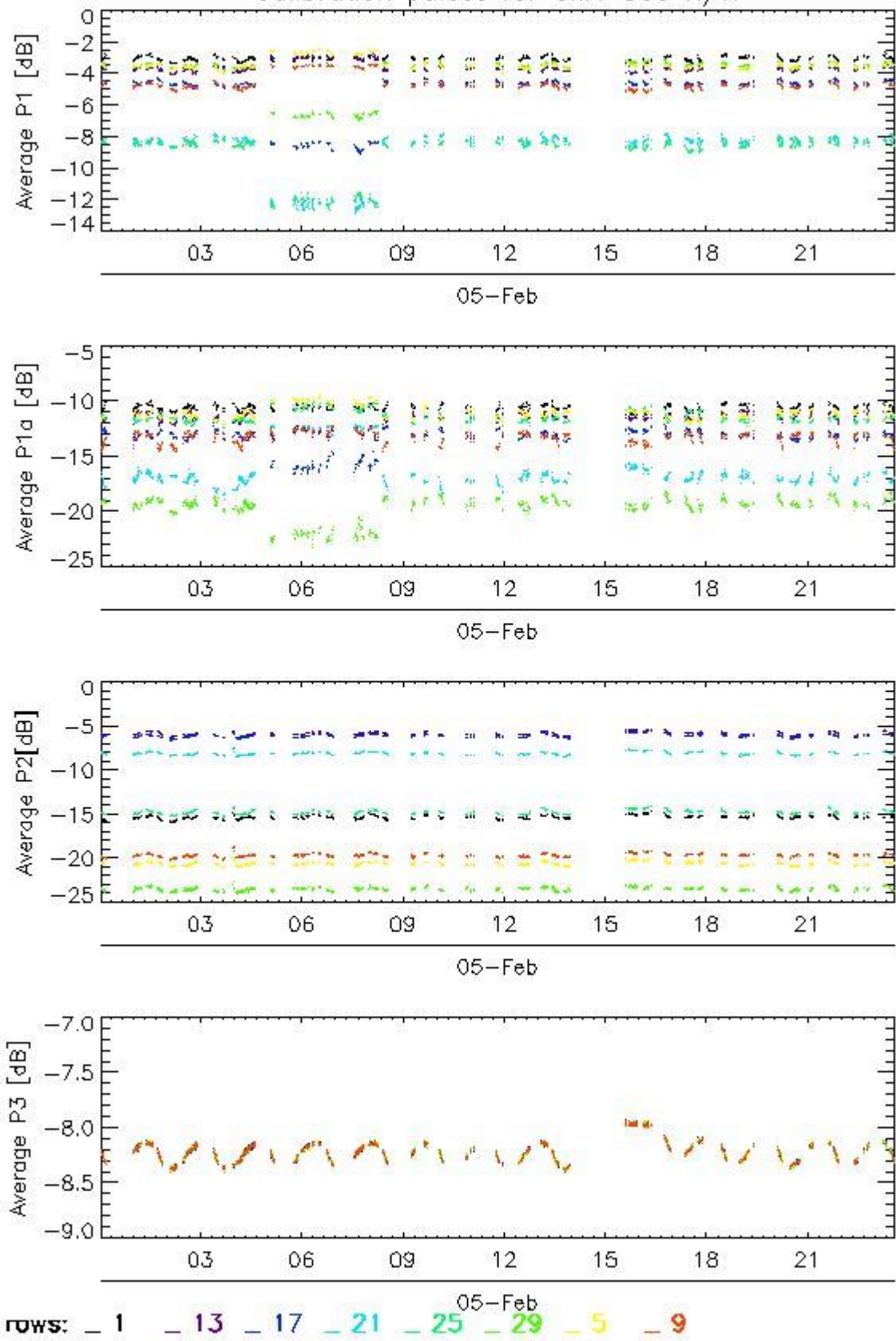
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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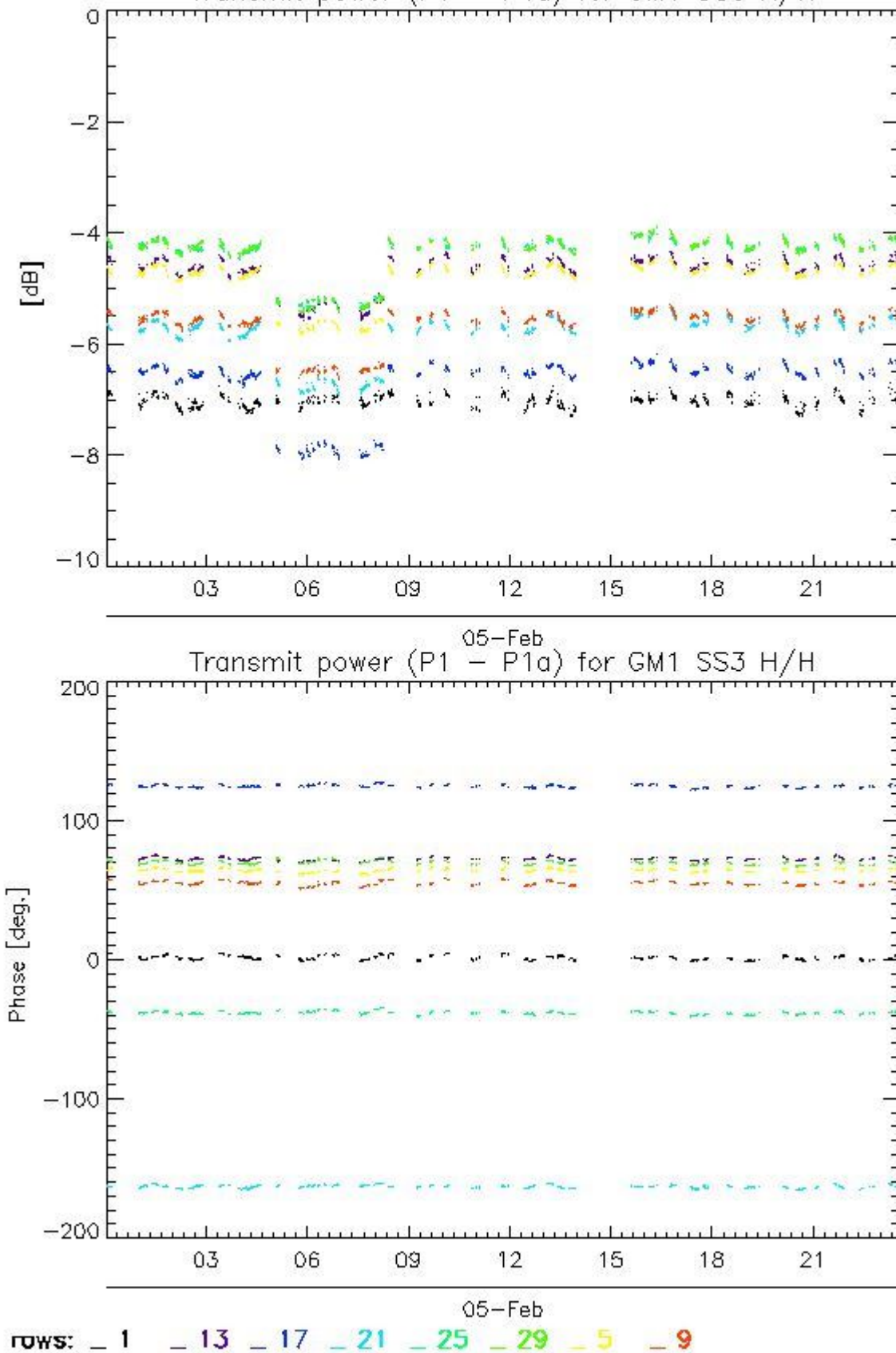
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



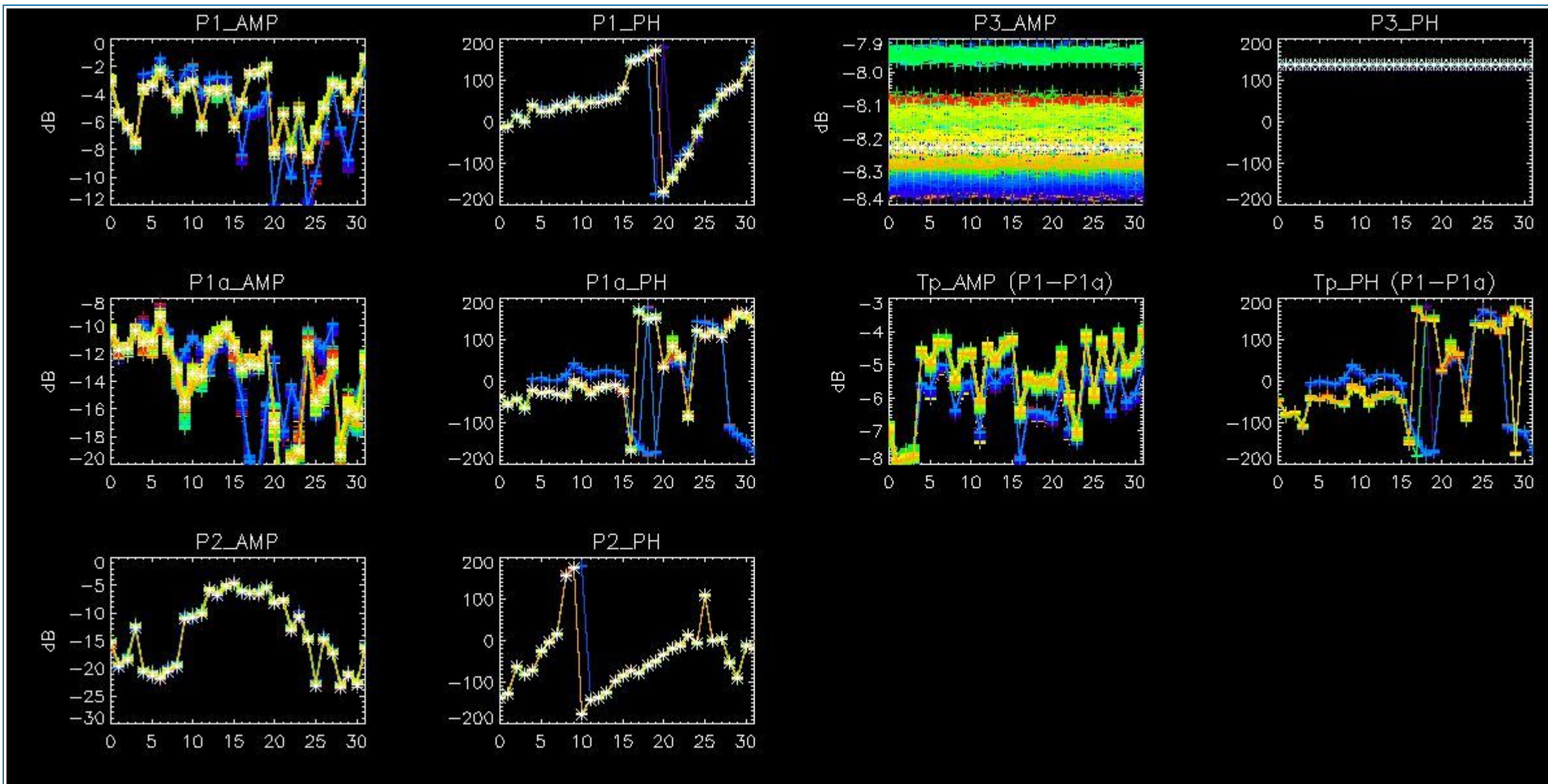
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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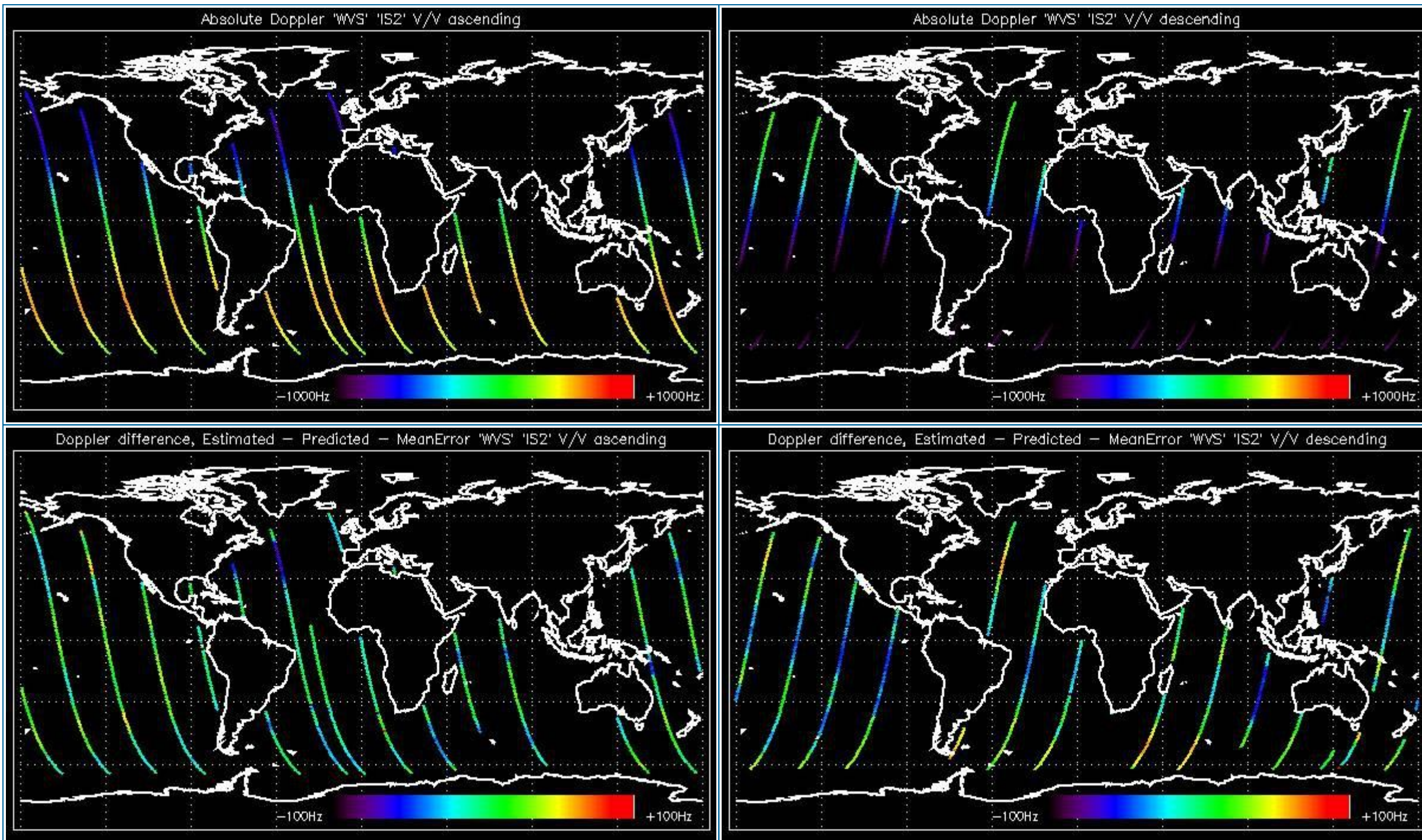
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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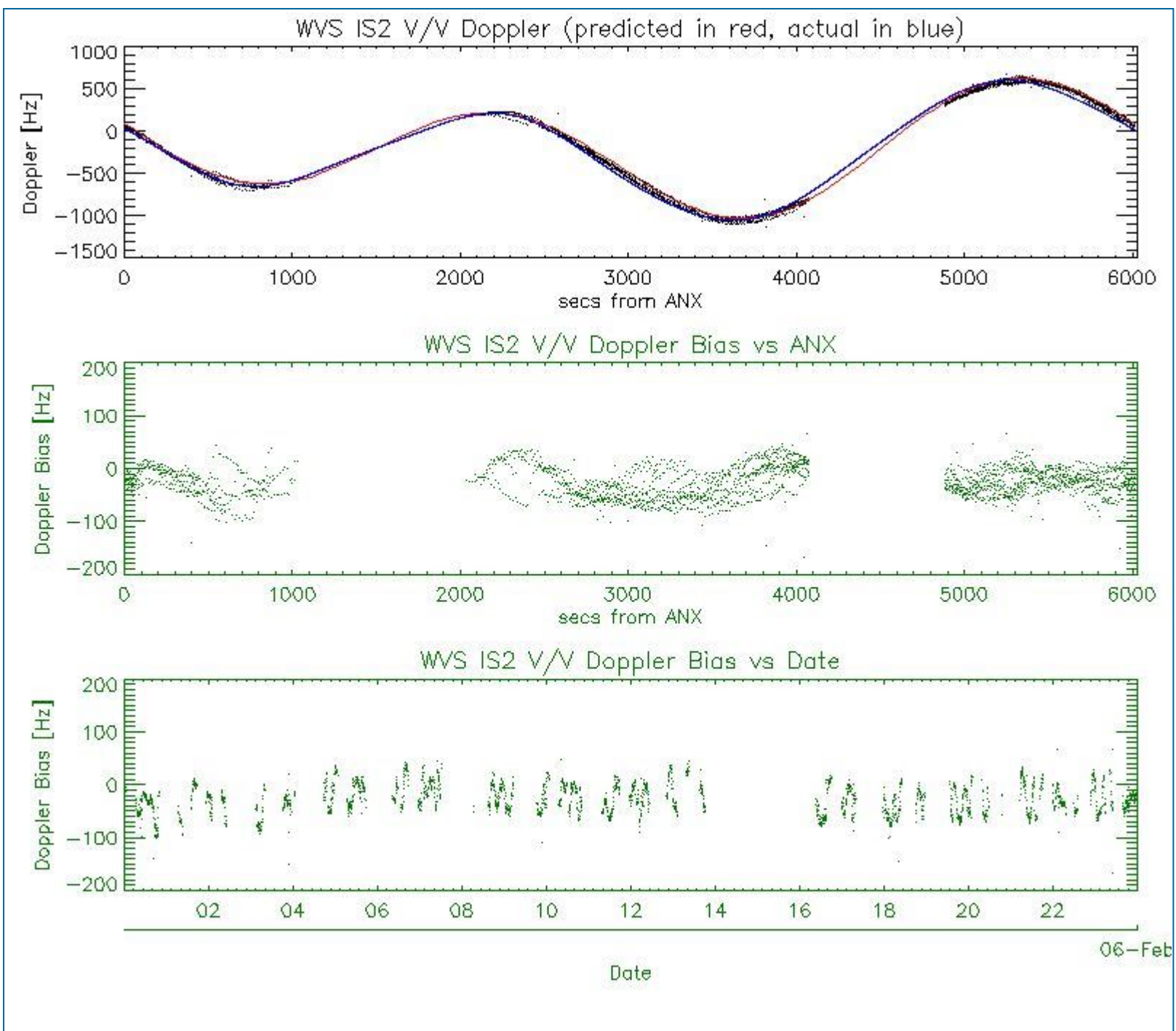




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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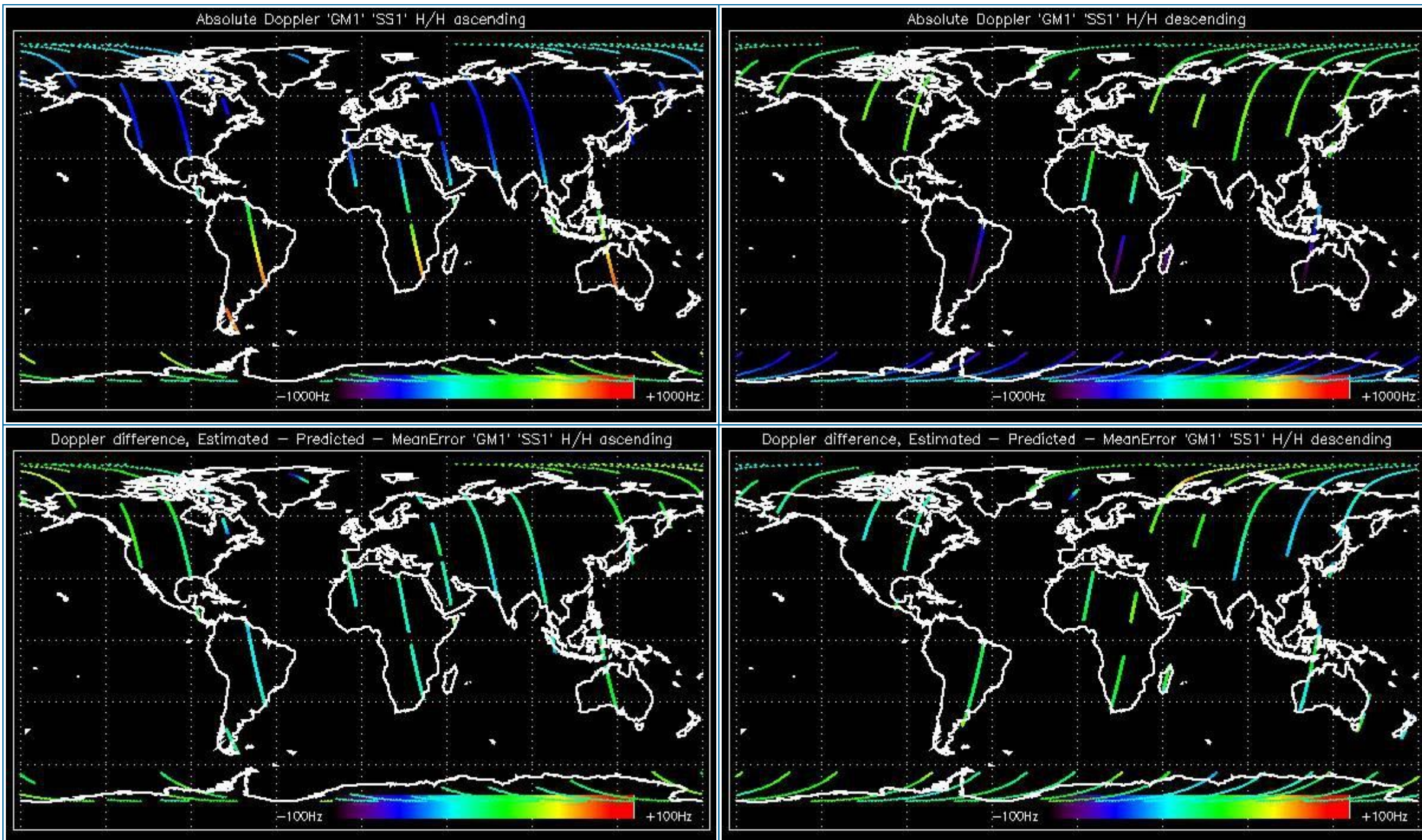


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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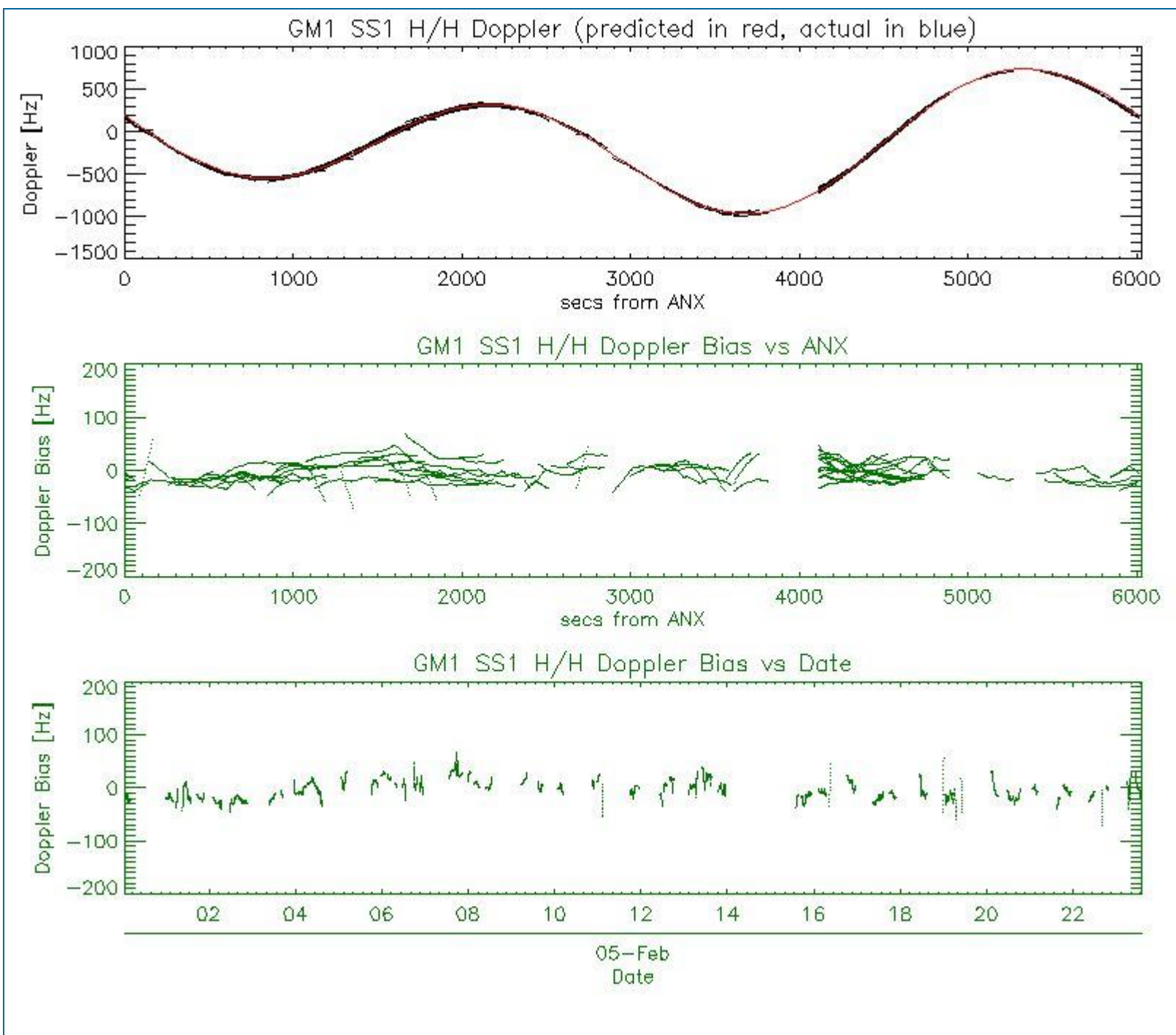




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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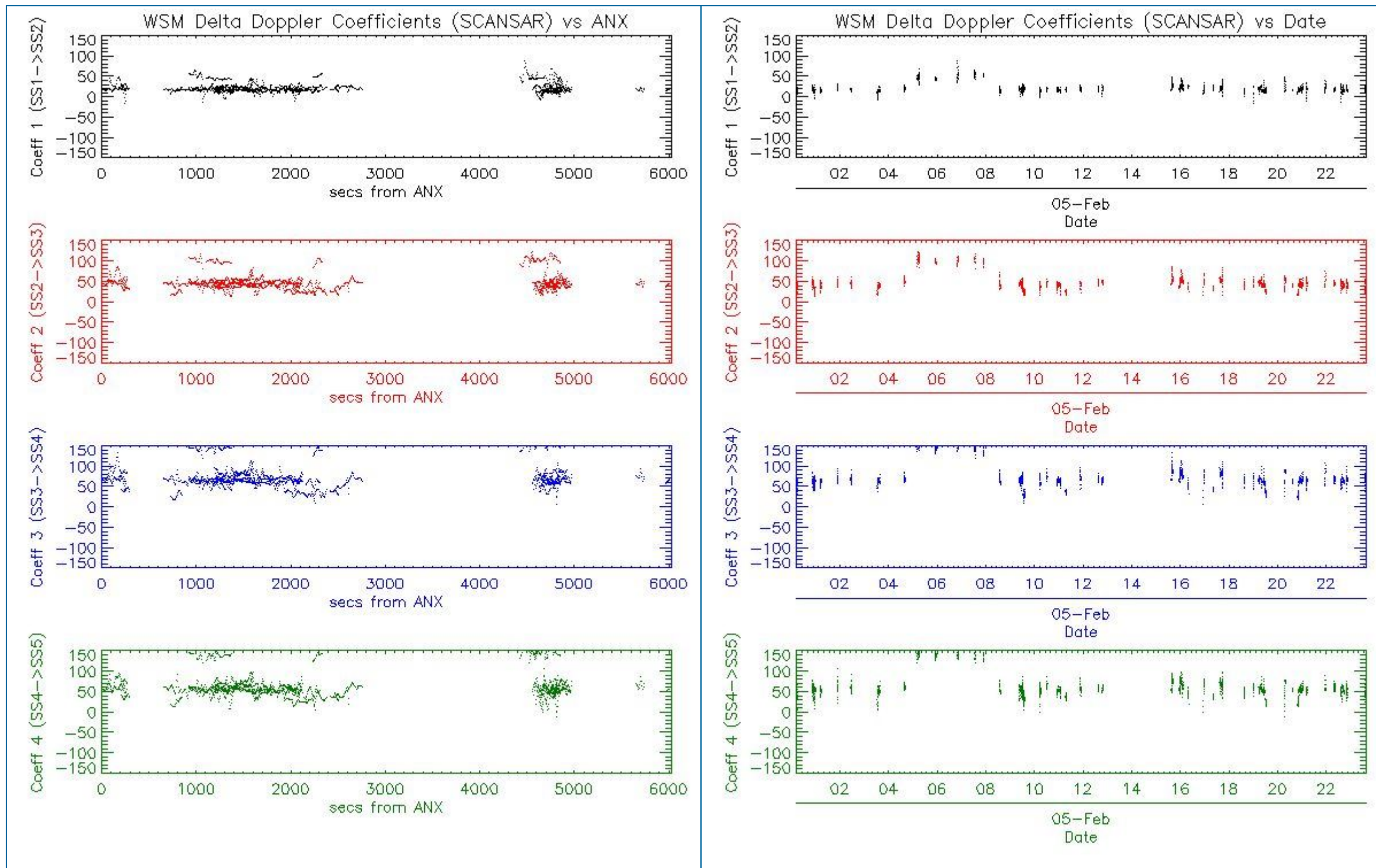




5.3 - Doppler JUMPS Analysis for WSM

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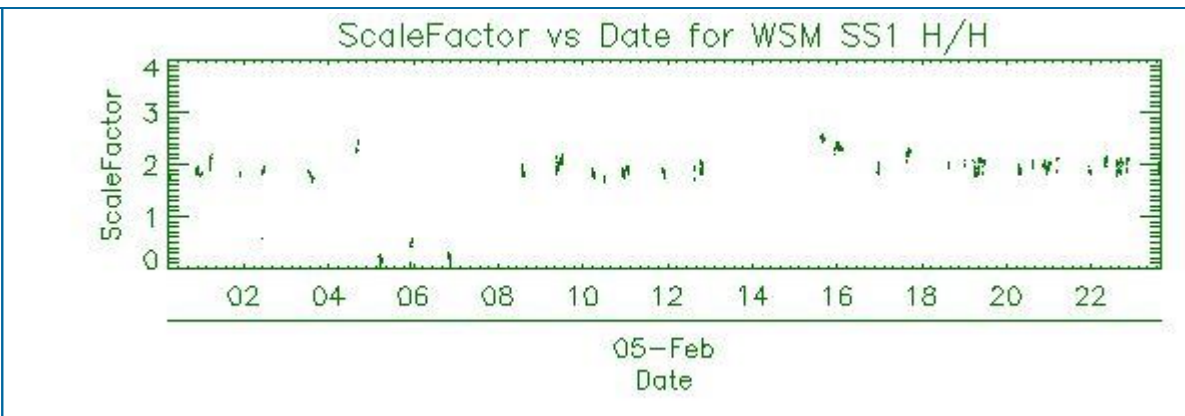
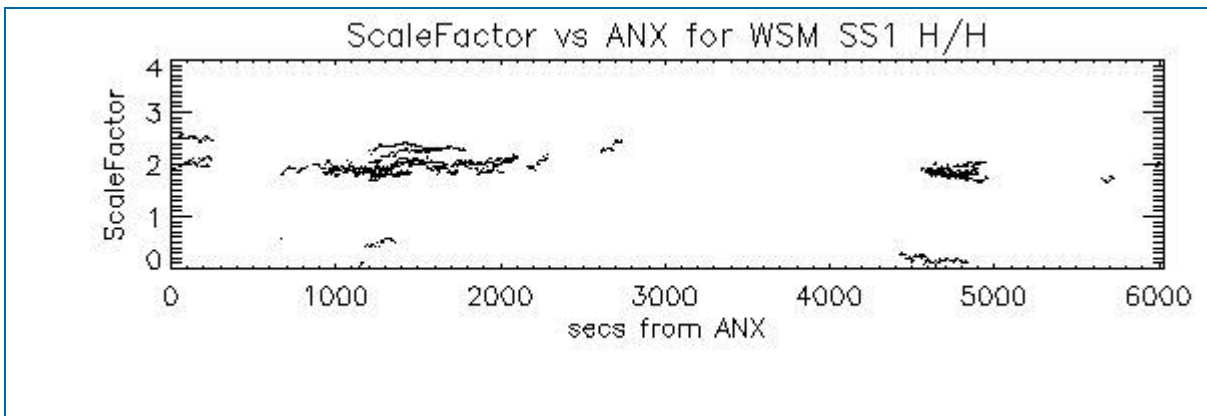
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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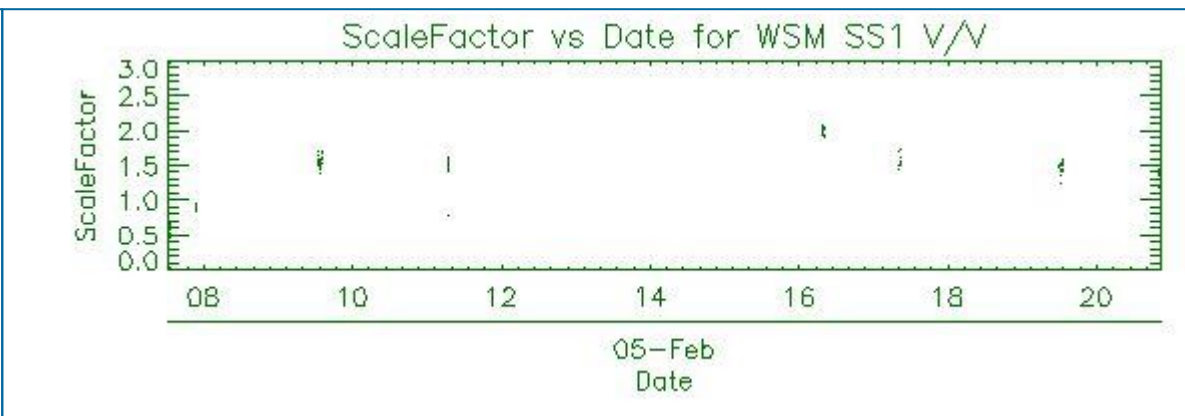
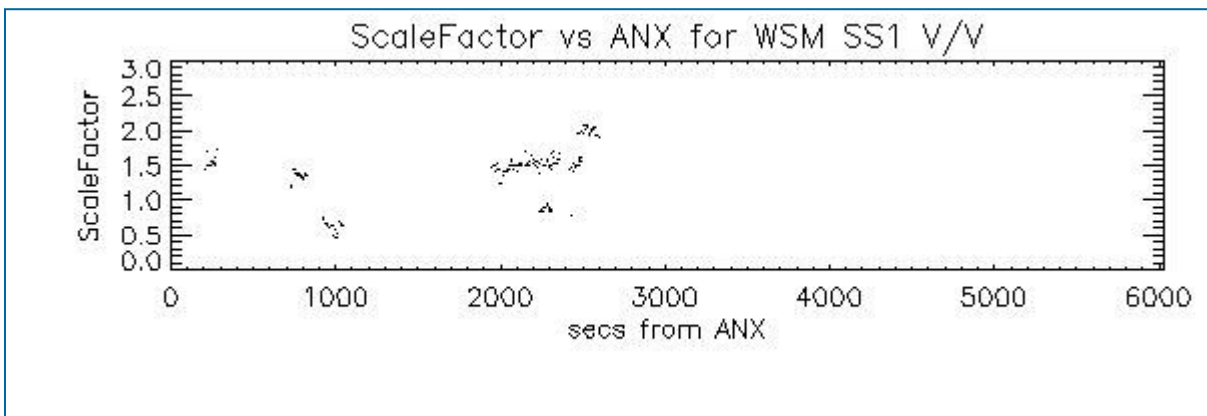




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

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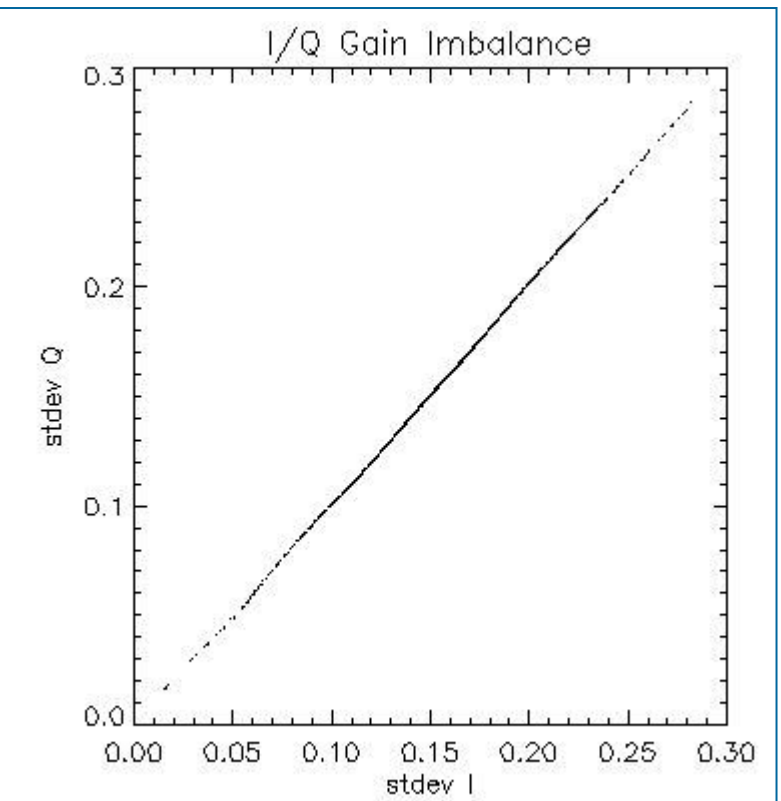
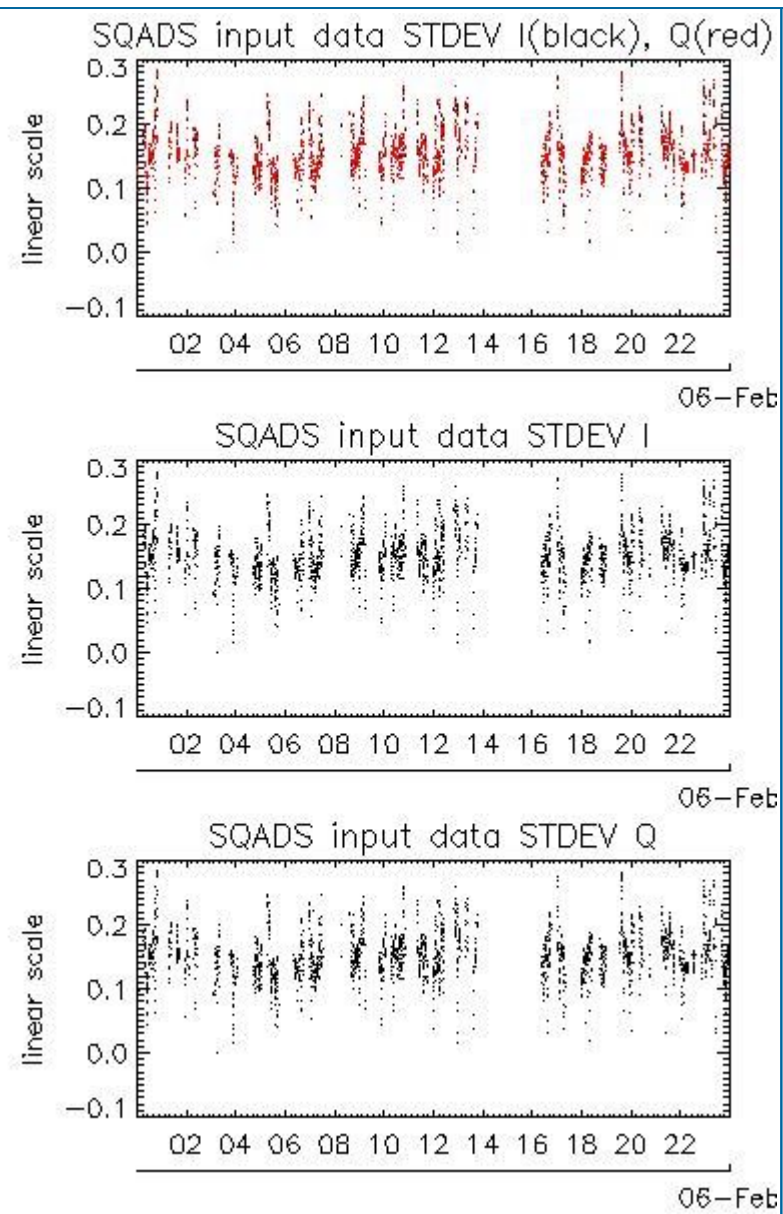
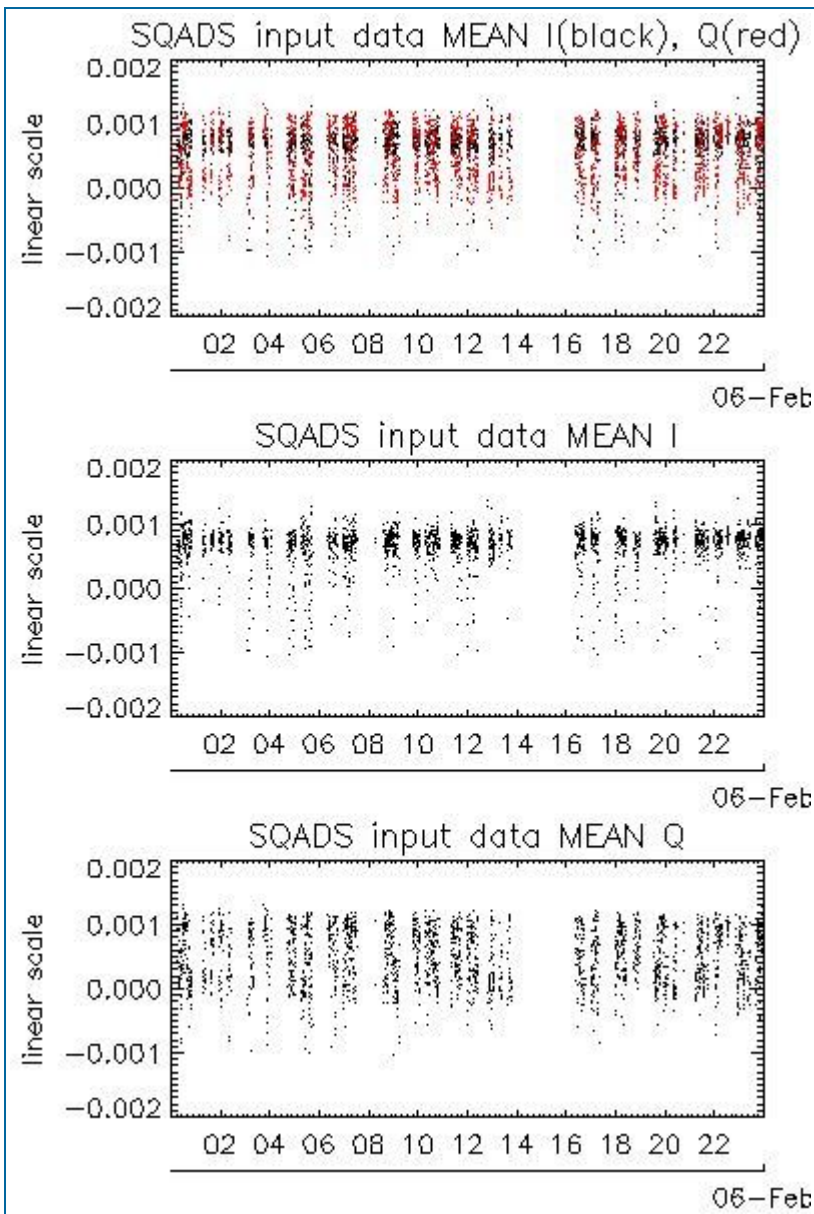


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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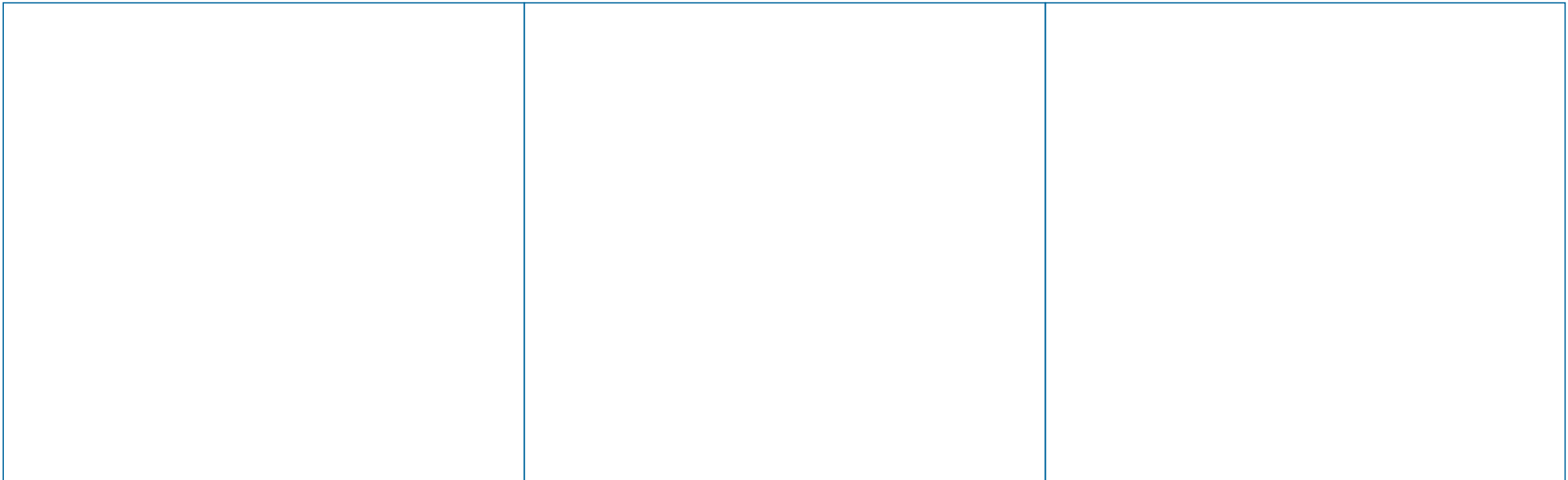
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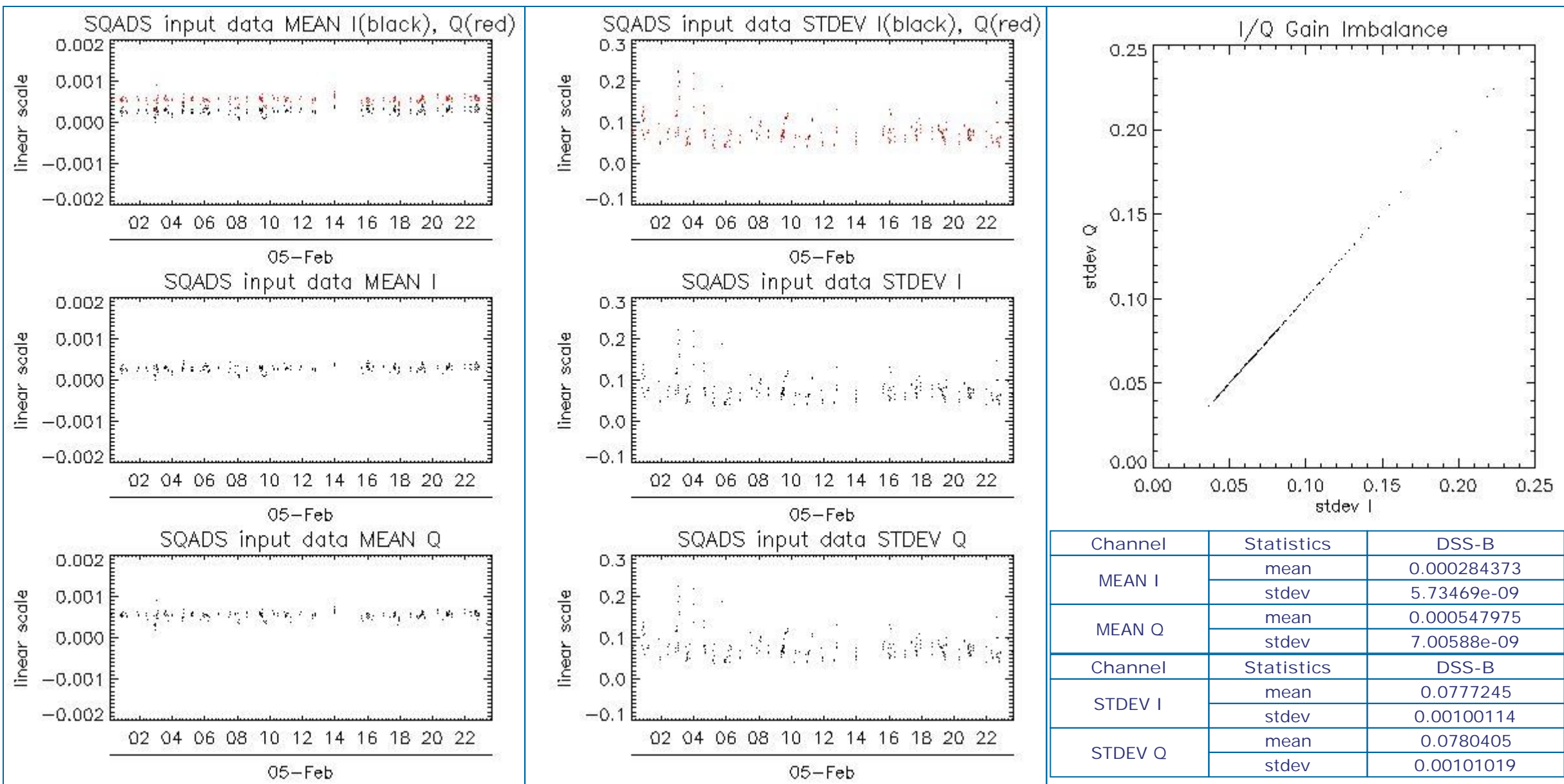


Channel	Statistics	DSS-B
MEAN I	mean	0.000648949
	stdev	1.17383e-07
MEAN Q	mean	0.000504157
	stdev	2.01399e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.152713
	stdev	0.00140014
STDEV Q	mean	0.153292
	stdev	0.00143242

7.2 - Analysis for IMM

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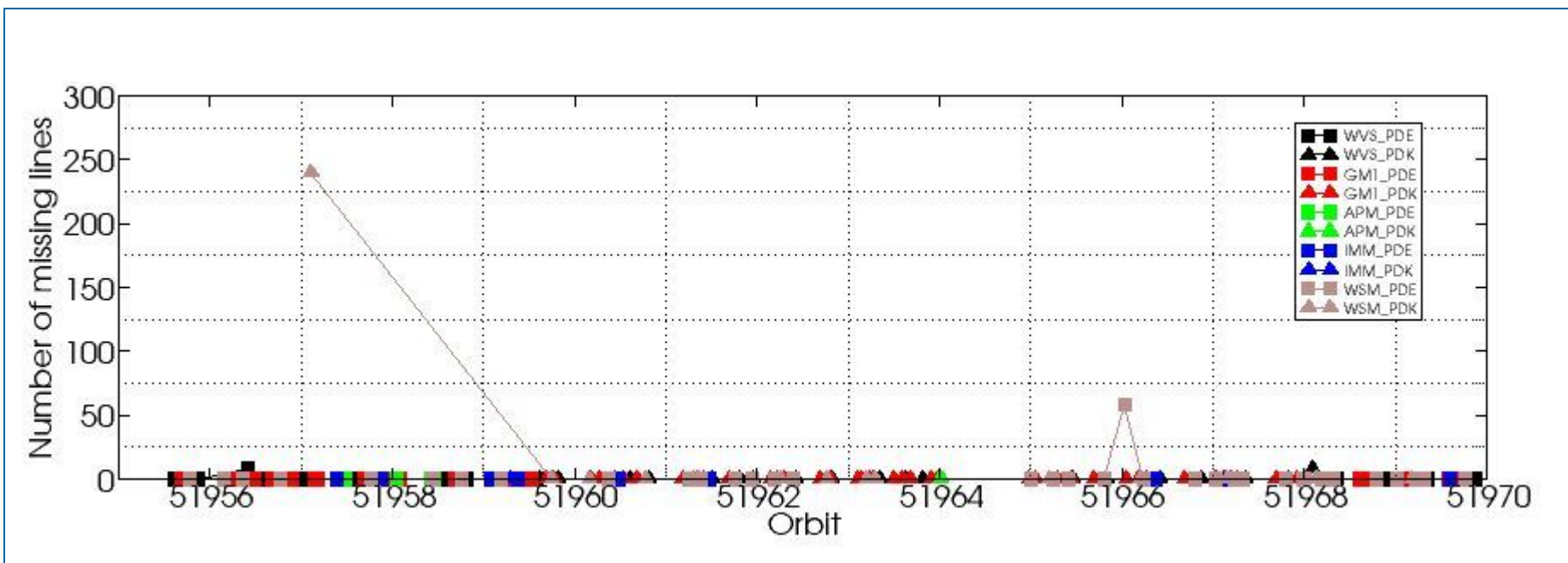


8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7394.N1	1	0
PDE	ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7396.N1	1	0
PDE	ASA_WVS_1PNPDE20120205_011638_000003513111_00218_51956_7418.N1	0	8
PDE	ASA_WVS_1PNPDE20120205_015626_000002403111_00218_51956_7427.N1	1	0
PDE	ASA_WVS_1PNPDE20120205_044339_000007793111_00220_51958_7480.N1	1	0
PDE	ASA_WVS_1PNPDE20120205_063312_000002403111_00221_51959_7537.N1	1	0
PDE	ASA_WVS_1PNPDE20120205_215920_000004653111_00230_51968_7790.N1	1	0
PDK	ASA_WVS_1PNPDK20120205_204633_000000443111_00230_51968_2972.N1	0	8
PDE	ASA_WSM_1PNPDE20120205_160132_000003363111_00227_51965_7740.N1	5	0
PDE	ASA_WSM_1PNPDE20120205_172046_000000923111_00228_51966_7743.N1	0	58
PDK	ASA_WSM_1PNPDK20120205_022603_000001903111_00219_51957_2710.N1	0	240

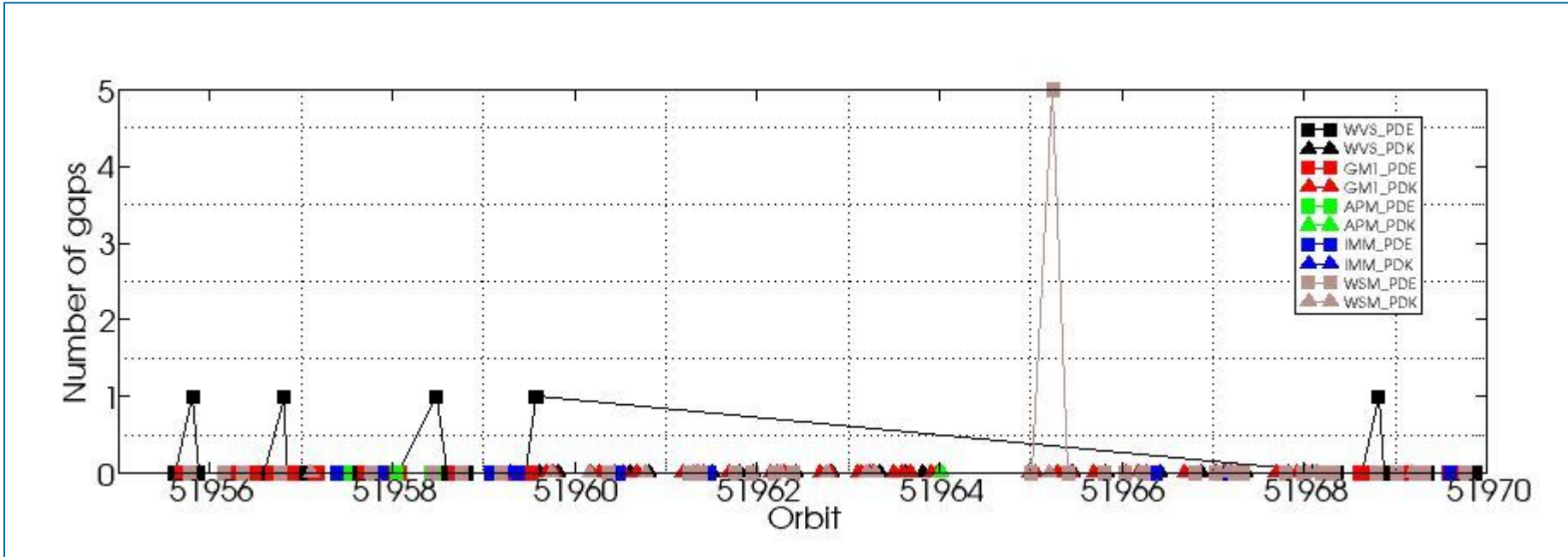
8.1 - Number of Missing lines

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8.2 - Number of Gaps

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ASAR DAILY REPORT for 120205
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-02-05 00:00:00

Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/

DATA SUMMARY

Summary will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120205/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120205/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/AUXILIARY

Creating directory ./RESULTS/DAILY/_120205/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120205*current_3_IECF_ADFs.txt
 Found list 20120205_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
 ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
 ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
 ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7394.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7396.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_002242_000016193111_00217_51955_7415.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_011638_000003513111_00218_51956_7418.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_013504_000004653111_00218_51956_7420.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_015626_000002403111_00218_51956_7427.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_015941_000003303111_00218_51956_7433.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_021745_000004493111_00219_51957_7441.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_030707_000004653111_00219_51957_7437.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_031422_000003303111_00219_51957_7504.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_034545_000006743111_00219_51957_7475.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_040134_000000743111_00220_51958_7478.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_044339_000007793111_00220_51958_7480.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_045623_000004203111_00220_51958_7527.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_051654_000015743111_00220_51958_7533.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_062128_000004193111_00221_51959_7536.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_063312_000002403111_00221_51959_7537.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_211313_000014393111_00230_51968_7787.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_214130_000002553111_00230_51968_7791.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_215920_000004653111_00230_51968_7790.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_220605_000007193111_00230_51968_7810.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_222956_000003003111_00231_51969_7813.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_225255_000013193111_00231_51969_7818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_232045_000003003111_00231_51969_7816.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_233927_000004043111_00231_51969_7820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120205_234512_000013343111_00231_51969_7841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_063657_000003903111_00221_51959_2735.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_065717_000019943111_00221_51959_2738.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_081540_000000143111_00222_51960_2760.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_083722_000021593111_00222_51960_2768.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_083722_000021593111_00222_51960_2771.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_094620_000010653111_00223_51961_2797.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_101736_000007203111_00223_51961_2798.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_103155_000011243111_00223_51961_2801.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_111902_000015143111_00224_51962_2822.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_115759_000016793111_00224_51962_2827.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_125038_000009143111_00225_51963_2845.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_131840_000002553111_00225_51963_2847.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_133813_000004653111_00225_51963_2851.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_162305_000013043111_00227_51965_2908.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_165947_000011993111_00227_51965_2910.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_175835_000015893111_00228_51966_2938.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_184442_000008093111_00228_51966_2942.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_193338_000019043111_00229_51967_2966.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_201934_000005403111_00229_51967_2970.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120205_204633_000000443111_00230_51968_2972.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20120205_000318_000005193111_00217_51955_7395.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_000318_000005193111_00217_51955_7397.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_005940_000006773111_00218_51956_7416.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_011432_000001203111_00218_51956_7417.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_012314_000007073111_00218_51956_7419.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_014334_000005553111_00218_51956_7421.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_020555_000007073111_00218_51956_7434.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_022925_000001263111_00219_51957_7444.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_023403_0000011903111_00219_51957_7436.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_032350_000004713111_00219_51957_7472.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_033933_000002113111_00219_51957_7477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_035750_000001203111_00220_51958_7476.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_040326_000020423111_00220_51958_7481.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_050401_000004103111_00220_51958_7528.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_054518_000005253111_00221_51959_7529.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_055846_000003563111_00221_51959_7530.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_060844_000002653111_00221_51959_7532.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_061755_000002113111_00221_51959_7534.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_062909_000002413111_00221_51959_7538.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_210352_000004043111_00230_51968_7786.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_213802_000002053111_00230_51968_7788.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_214622_000006283111_00230_51968_7792.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_222222_000004533111_00231_51969_7831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_223922_000000783111_00231_51969_7811.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_224618_000001813111_00231_51969_7814.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_231534_000001083111_00231_51969_7819.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_231813_000001503111_00231_51969_7817.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120205_232634_000005193111_00231_51969_7821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_064416_000003083111_00221_51959_2736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_065240_000002713111_00221_51959_2737.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_073350_000006283111_00222_51960_2739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_074338_000004653111_00222_51960_2756.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_075936_000002413111_00222_51960_2757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_080815_000004413111_00222_51960_2758.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_082429_000005313111_00222_51960_2765.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_091401_000004713111_00223_51961_2767.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_091401_000004713111_00223_51961_2770.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_093659_000003983111_00223_51961_2796.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_100444_000004413111_00223_51961_2799.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_105126_000002113111_00224_51962_2800.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_105907_000001873111_00224_51962_2802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_110553_000000843111_00224_51962_2820.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_114459_000004533111_00224_51962_2821.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_115612_000001023111_00224_51962_2824.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_122639_000001753111_00225_51963_2823.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_123112_000003263111_00225_51963_2825.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_123919_000002953111_00225_51963_2826.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_124303_000001933111_00225_51963_2843.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_130637_000005613111_00225_51963_2844.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_131603_000001503111_00225_51963_2846.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_132512_000007793111_00225_51963_2849.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_134642_000003803111_00225_51963_2848.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_135400_000002293111_00225_51963_2852.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_153506_000001573111_00226_51964_2880.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_154148_000009183111_00227_51965_2883.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_160714_000006283111_00227_51965_2906.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_162143_000000723111_00227_51965_2907.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_164540_000006953111_00227_51965_2909.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_172221_000008583111_00228_51966_2911.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_172221_000008583111_00228_51966_2912.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_173527_000001023111_00228_51966_2936.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20120205_174504_000005253111_00228_51966_2937.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_182554_000006283111_00228_51966_2940.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_185900_00000843111_00229_51967_2939.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_190206_000003443111_00229_51967_2941.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_190852_000002473111_00229_51967_2943.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_191139_00000903111_00229_51967_2964.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_191554_00000903111_00229_51967_2963.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_192435_00000723111_00229_51967_2965.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_200608_000006283111_00229_51967_2968.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_202924_000004533111_00229_51967_2969.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120205_203835_000004773111_00230_51968_2971.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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Analysing APM products...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_APM.xls...
Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_APM.txt...

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ASA_APM_1PNPDE20120205_030054_000001293111_00219_51957_7431.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120205_030338_000002033111_00219_51957_7432.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120205_035955_00000923111_00220_51958_7465.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120205_043725_00000433111_00220_51958_7466.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120205_044126_00000863111_00220_51958_7468.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120205_093558_00000443111_00223_51961_7647.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120205_135749_00000563111_00226_51964_2850.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120205_135912_00000933111_00226_51964_2853.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_IMM.xls...
Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_IMM.txt...

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ASA_IMM_1PNPDE20120205_025350_00000383111_00219_51957_7429.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_025437_000003493111_00219_51957_7430.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_034300_000001583111_00219_51957_7463.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_054417_00000513111_00221_51959_7514.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_061311_000002723111_00221_51959_7518.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_080333_000002713111_00222_51960_7615.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_094339_000001563111_00223_51961_7649.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_175351_000002783111_00228_51966_7758.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_190746_00000523111_00229_51967_7764.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120205_231727_00000353111_00231_51969_7828.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120205_060439_000002363111_00221_51959_2725.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

Analysing WSM products...

Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_120205/AUXILIARY/Check_ADFs_WSM.txt...

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ASA_WSM_1PNPDE20120205_001158_000002263111_00217_51955_7382.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_005023_000005513111_00218_51956_7412.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_011100_000001533111_00218_51956_7413.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_015256_000001533111_00218_51956_7414.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_033144_000003923111_00219_51957_7462.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_043854_000001533111_00220_51958_7467.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_051054_000003303111_00220_51958_7513.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_055409_000002693111_00221_51959_7515.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_075306_000001043111_00222_51960_7604.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_092156_000002513111_00223_51961_7640.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_092707_000002693111_00223_51961_7642.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```



ASA_WSM_1PNPDE20120205_093343_000001353111_00223_51961_7645.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_101206_000002513111_00223_51961_7696.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_103025_000000923111_00223_51961_7697.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_105459_000002453111_00224_51962_7698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_111642_000000923111_00224_51962_7721.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_153745_000002393111_00227_51965_7736.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_160132_000003363111_00227_51965_7740.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_161814_000001533111_00227_51965_7741.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_165717_000001533111_00227_51965_7739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_172046_000000923111_00228_51966_7743.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_174055_000002453111_00228_51966_7750.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_183655_000001533111_00228_51966_7757.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_190030_000000923111_00229_51967_7763.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_192026_000002453111_00229_51967_7773.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_192556_000001903111_00229_51967_7777.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_192957_000002143111_00229_51967_7778.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_201704_000001533111_00229_51967_7776.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_203658_000000923111_00229_51967_7785.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_205719_000003923111_00230_51968_7789.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_211043_000001533111_00230_51968_7799.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_215700_000001353111_00230_51968_7784.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_221846_000002143111_00231_51969_7800.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_224047_000003303111_00231_51969_7815.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_224925_000002143111_00231_51969_7822.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120205_233516_000002263111_00231_51969_7809.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_022603_000001903111_00219_51957_2710.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_064930_000001903111_00221_51959_2745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_073115_000001533111_00222_51960_2747.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_083322_000002143111_00222_51960_2766.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_083322_000002143111_00222_51960_2769.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_092534_000000923111_00223_51961_2772.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_093002_000000923111_00223_51961_2779.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_093154_000001163111_00223_51961_2780.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_110217_000002083111_00224_51962_2809.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_115234_000002143111_00224_51962_2828.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_123643_000001533111_00225_51963_2830.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_123643_000001533111_00225_51963_2831.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_124620_000002513111_00225_51963_2836.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_155711_000003003111_00227_51965_2894.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_173715_000004103111_00228_51966_2925.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_191318_000001533111_00229_51967_2949.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_191729_000002083111_00229_51967_2950.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_204952_000001283111_00230_51968_2967.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_205204_000002693111_00230_51968_2973.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDK20120205_223547_000002083111_00231_51969_2987.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS

Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_120205/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120205/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...



Exporting results to the directory ../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20120205_152826_000000163111_00226_51964_1013.N1
H
H
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120205_152826-20010209_135042.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120205_152826-20010209_135042.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120205_152826-20010209_135042.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120205_152826-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20120204_154039_000000163111_00212_51950_1010.N1
V
V
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120204_154039-20010209_140823.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120204_154039-20010209_140823.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120204_154039-20010209_140823.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120204_154039-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20120205_132340_000000163111_00225_51963_1012.N1
Test product: ASA_MS__0PNPDK20120205_152826_000000163111_00226_51964_1013.N1
H
H
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120205_152826-20120205_132340.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120205_152826-20120205_132340.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120205_152826-20120205_132340.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120205_152826-20120205_132340.png

Polarization: V
Reference product: ASA_MS__0PNPDK20120203_161724_000000163111_00198_51936_1008.N1
Test product: ASA_MS__0PNPDK20120204_154039_000000163111_00212_51950_1010.N1
V
V
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120204_154039-20120203_161724.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120204_154039-20120203_161724.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120204_154039-20120203_161724.png
../../RESULTS/DAILY/_120205/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120204_154039-20120203_161724.png

MODULE_STEPPING ANALYSIS completed
#####

CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120205/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59

Analysing products WVS IS2 V/V
1 81153 7 81153
Writing image ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...
Analysing products GM1 SS3 H/H
1 38497 7 38497



Writing image ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-05_1.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-05_2.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-05_3.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-02-05_4.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120205//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 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-05_1.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-05_2.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-05_3.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-02-05 00:00:00 to 2012-02-05 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120205/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-02-05_4.dat...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_120205//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120205/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...

Writing file ./RESULTS/DAILY/_120205/DOPPLER/Doppler_data_WVS_IS2_VV_2012-02-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120205/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...

Writing file ./RESULTS/DAILY/_120205/DOPPLER/Doppler_data_GM1_SS1_HH_2012-02-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120205/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2012-02-05 00:00:00 to 2012-02-05 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...

Writing file ./RESULTS/DAILY/_120205/DOPPLER/Doppler_Jumps_data_WSM_2012-02-05.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120205/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_120205/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59

Analysing products WVS IS2 V/V

1079

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.559176 Hz

Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1459

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -25.812874 Hz

Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2547

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.GM_1

Phase: descending

Found data...

```
Computing mean error doppler estimated-predicted...
Mean error = -1.1308349 Hz
Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...
```

```
2329
Loading predicted doppler values....
./PREDICTED_DOPPLER/doppler.GM_1
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -8.0056275 Hz
Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/_120205//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...
```

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

```
CHIRP ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120205/CHIRP...
```

```
*****
*****
CHIRP Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
```

```
Analysing products WSM SS1 H/H
*****
Getting ScaleFactor data for WSM SS1 H/H from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-02-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120205/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...
Writing file ../../RESULTS/DAILY/_120205/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...
```

```
Analysing products WSM SS1 V/V
*****
Getting ScaleFactor data for WSM SS1 V/V from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-02-05.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/_120205/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...
Writing file ../../RESULTS/DAILY/_120205/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...
```

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

```
RAW DATA ANALYSIS
#####
Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/RAW_DATA
```

```
Creating directory ./RESULTS/DAILY/_120205/RAW_DATA...
```

```
*****
Getting raw data for WVS from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
```



Writing file ./RESULTS/DAILY/_120205/RAW_DATA/Raw_data_WVS_2012-02-05.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-02-05 00:00:00 to 2012-02-05 23:59:59...
Writing file ./RESULTS/DAILY/_120205/RAW_DATA/Raw_data_IMM_2012-02-05.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120205/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2012-02-05 00:00:00 to 2012-02-05 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120205/TELEMETRY

Creating directory ./RESULTS/DAILY/_120205/TELEMETRY...

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

Checking 27 products from PDE...
Found product...ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7394.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7396.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120205_011638_000003513111_00218_51956_7418.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120205_015626_000002403111_00218_51956_7427.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120205_044339_000007793111_00220_51958_7480.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120205_063312_000002403111_00221_51959_7537.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120205_215920_000004653111_00230_51968_7790.N1 / 1 gaps / 0 missing lines
Checking 20 products from PDK...
Found product...ASA_WVS_1PNPDK20120205_204633_00000443111_00230_51968_2972.N1 / 0 gaps / 8 missing lines

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

Checking 28 products from PDE...
Checking 44 products from PDK...

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

Checking 6 products from PDE...
Checking 2 products from PDK...

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

Checking 10 products from PDE...
Checking 1 products from PDK...

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

Checking 36 products from PDE...
Found product...ASA_WSM_1PNPDE20120205_160132_000003363111_00227_51965_7740.N1 / 5 gaps / 0 missing lines
Found product...ASA_WSM_1PNPDE20120205_172046_00000923111_00228_51966_7743.N1 / 0 gaps / 58 missing lines
Checking 20 products from PDK...
Found product...ASA_WSM_1PNPDK20120205_022603_000001903111_00219_51957_2710.N1 / 0 gaps / 240 missing lines

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/_120205/TELEMETRY/TELEMETRY_Missing_lines.png...

Creating image: ./RESULTS/DAILY/_120205/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

HTML REPORT generation

#####

Building file ./RESULTS/DAILY/_120205/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_1PNPDE20120205_030054_000001293111_00219_51957_7431.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120205_030338_000002033111_00219_51957_7432.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120205_035955_000000923111_00220_51958_7465.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120205_043725_000000433111_00220_51958_7466.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120205_044126_000000863111_00220_51958_7468.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120205_093558_000000443111_00223_51961_7647.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120205_135749_000000563111_00226_51964_2850.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120205_135912_000000933111_00226_51964_2853.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_1PNPDE20120205_000318_000005193111_00217_51955_7395.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_000318_000005193111_00217_51955_7397.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_005940_000006773111_00218_51956_7416.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_011432_000001203111_00218_51956_7417.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_012314_000007073111_00218_51956_7419.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_014334_000005553111_00218_51956_7421.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_020555_000007073111_00218_51956_7434.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_022925_000001263111_00219_51957_7444.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_023403_000011903111_00219_51957_7436.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_032350_000004713111_00219_51957_7472.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_033933_000002113111_00219_51957_7477.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_035750_000001203111_00220_51958_7476.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_040326_000020423111_00220_51958_7481.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_050401_000004103111_00220_51958_7528.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_054518_000005253111_00221_51959_7529.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_055846_000003563111_00221_51959_7530.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_060844_000002653111_00221_51959_7532.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_061755_000002113111_00221_51959_7534.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_062909_000002413111_00221_51959_7538.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_210352_000004043111_00230_51968_7786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_213802_000002053111_00230_51968_7788.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_214622_000006283111_00230_51968_7792.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_222222_000004533111_00231_51969_7831.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_223922_000000783111_00231_51969_7811.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_224618_000001813111_00231_51969_7814.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_231534_000001083111_00231_51969_7819.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_231813_000001503111_00231_51969_7817.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120205_232634_000005193111_00231_51969_7821.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_064416_000003083111_00221_51959_2736.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_065240_000002713111_00221_51959_2737.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_073350_000006283111_00222_51960_2739.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_074338_000004653111_00222_51960_2756.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_075936_000002413111_00222_51960_2757.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_080815_000004413111_00222_51960_2758.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_082429_000005313111_00222_51960_2765.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_091401_000004713111_00223_51961_2767.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_091401_000004713111_00223_51961_2770.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_093659_000003983111_00223_51961_2796.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_100444_000004413111_00223_51961_2799.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_105126_000002113111_00224_51962_2800.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_105907_000001873111_00224_51962_2802.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_110553_000000843111_00224_51962_2820.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_114459_000004533111_00224_51962_2821.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_115612_000001023111_00224_51962_2824.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_122639_000001753111_00225_51963_2823.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_123112_000003263111_00225_51963_2825.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_123919_000002953111_00225_51963_2826.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_124303_000001933111_00225_51963_2843.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_130637_000005613111_00225_51963_2844.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_131603_000001503111_00225_51963_2846.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_132512_000007793111_00225_51963_2849.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_134642_000003803111_00225_51963_2848.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_135400_000002293111_00225_51963_2852.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_153506_000001573111_00226_51964_2880.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_154148_000009183111_00227_51965_2883.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_160714_000006283111_00227_51965_2906.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_162143_000000723111_00227_51965_2907.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_164540_000006953111_00227_51965_2909.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_172221_000008583111_00228_51966_2911.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_172221_000008583111_00228_51966_2912.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_173527_000001023111_00228_51966_2936.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_174504_000005253111_00228_51966_2937.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_182554_000006283111_00228_51966_2940.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_185900_000000843111_00229_51967_2939.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120205_190206_000003443111_00229_51967_2941.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_190852_000002473111_00229_51967_2943.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_191139_000000903111_00229_51967_2964.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_191554_000000903111_00229_51967_2963.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_192435_000000723111_00229_51967_2965.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_200608_000006283111_00229_51967_2968.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_202924_000004533111_00229_51967_2969.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120205_203835_000004773111_00230_51968_2971.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_1PNPDE20120205_025350_00000383111_00219_51957_7429.N1				
ASA_IMM_1PNPDE20120205_025437_000003493111_00219_51957_7430.N1				
ASA_IMM_1PNPDE20120205_034300_000001583111_00219_51957_7463.N1				
ASA_IMM_1PNPDE20120205_054417_000000513111_00221_51959_7514.N1				
ASA_IMM_1PNPDE20120205_061311_000002723111_00221_51959_7518.N1				
ASA_IMM_1PNPDE20120205_080333_000002713111_00222_51960_7615.N1				
ASA_IMM_1PNPDE20120205_094339_000001563111_00223_51961_7649.N1				
ASA_IMM_1PNPDE20120205_175351_000002783111_00228_51966_7758.N1				
ASA_IMM_1PNPDE20120205_190746_000000523111_00229_51967_7764.N1				
ASA_IMM_1PNPDE20120205_231727_000000353111_00231_51969_7828.N1				
ASA_IMM_1PNPDK20120205_060439_000002363111_00221_51959_2725.N1				

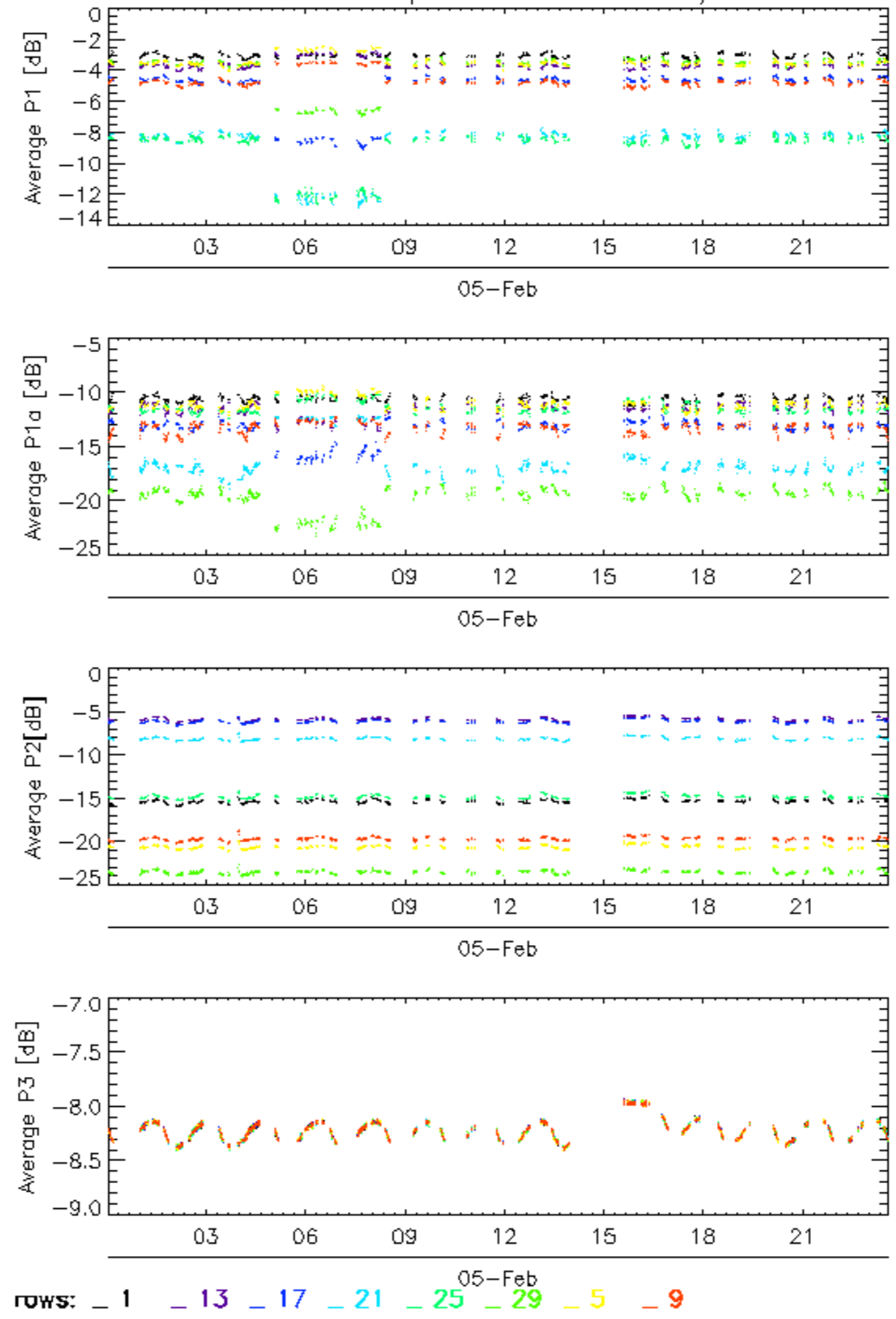
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120205_001158_000002263111_00217_51955_7382.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_005023_000005513111_00218_51956_7412.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_011100_000001533111_00218_51956_7413.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_015256_000001533111_00218_51956_7414.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_033144_000003923111_00219_51957_7462.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_043854_000001533111_00220_51958_7467.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_051054_000003303111_00220_51958_7513.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_055409_000002693111_00221_51959_7515.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_075306_000001043111_00222_51960_7604.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_092156_000002513111_00223_51961_7640.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_092707_000002693111_00223_51961_7642.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_093343_000001353111_00223_51961_7645.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_101206_000002513111_00223_51961_7696.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_103025_000000923111_00223_51961_7697.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_105459_000002453111_00224_51962_7698.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_111642_000000923111_00224_51962_7721.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_153745_000002393111_00227_51965_7736.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_160132_000003363111_00227_51965_7740.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_161814_000001533111_00227_51965_7741.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_165717_000001533111_00227_51965_7739.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_172046_000000923111_00228_51966_7743.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_174055_000002453111_00228_51966_7750.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_183655_000001533111_00228_51966_7757.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_190030_000000923111_00229_51967_7763.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_192026_000002453111_00229_51967_7773.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_192556_000001903111_00229_51967_7777.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_192957_000002143111_00229_51967_7778.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_201704_000001533111_00229_51967_7776.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_203658_000000923111_00229_51967_7785.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_205719_000003923111_00230_51968_7789.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_211043_000001533111_00230_51968_7799.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_215700_000001353111_00230_51968_7784.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_221846_000002143111_00231_51969_7800.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_224047_000003303111_00231_51969_7815.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_224925_000002143111_00231_51969_7822.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120205_233516_000002263111_00231_51969_7809.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_022603_000001903111_00219_51957_2710.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_064930_000001903111_00221_51959_2745.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_073115_000001533111_00222_51960_2747.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_083322_000002143111_00222_51960_2766.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_083322_000002143111_00222_51960_2769.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_092534_000000923111_00223_51961_2772.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_093002_000000923111_00223_51961_2779.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_093154_000001163111_00223_51961_2780.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_110217_000002083111_00224_51962_2809.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_115234_000002143111_00224_51962_2828.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_123643_000001533111_00225_51963_2830.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_123643_000001533111_00225_51963_2831.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_124620_000002513111_00225_51963_2836.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_155711_000003003111_00227_51965_2894.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_173715_000004103111_00228_51966_2925.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_191318_000001533111_00229_51967_2949.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_191729_000002083111_00229_51967_2950.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_204952_000001283111_00230_51968_2967.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_205204_000002693111_00230_51968_2973.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120205_223547_000002083111_00231_51969_2987.N1					OK	OK	OK	OK

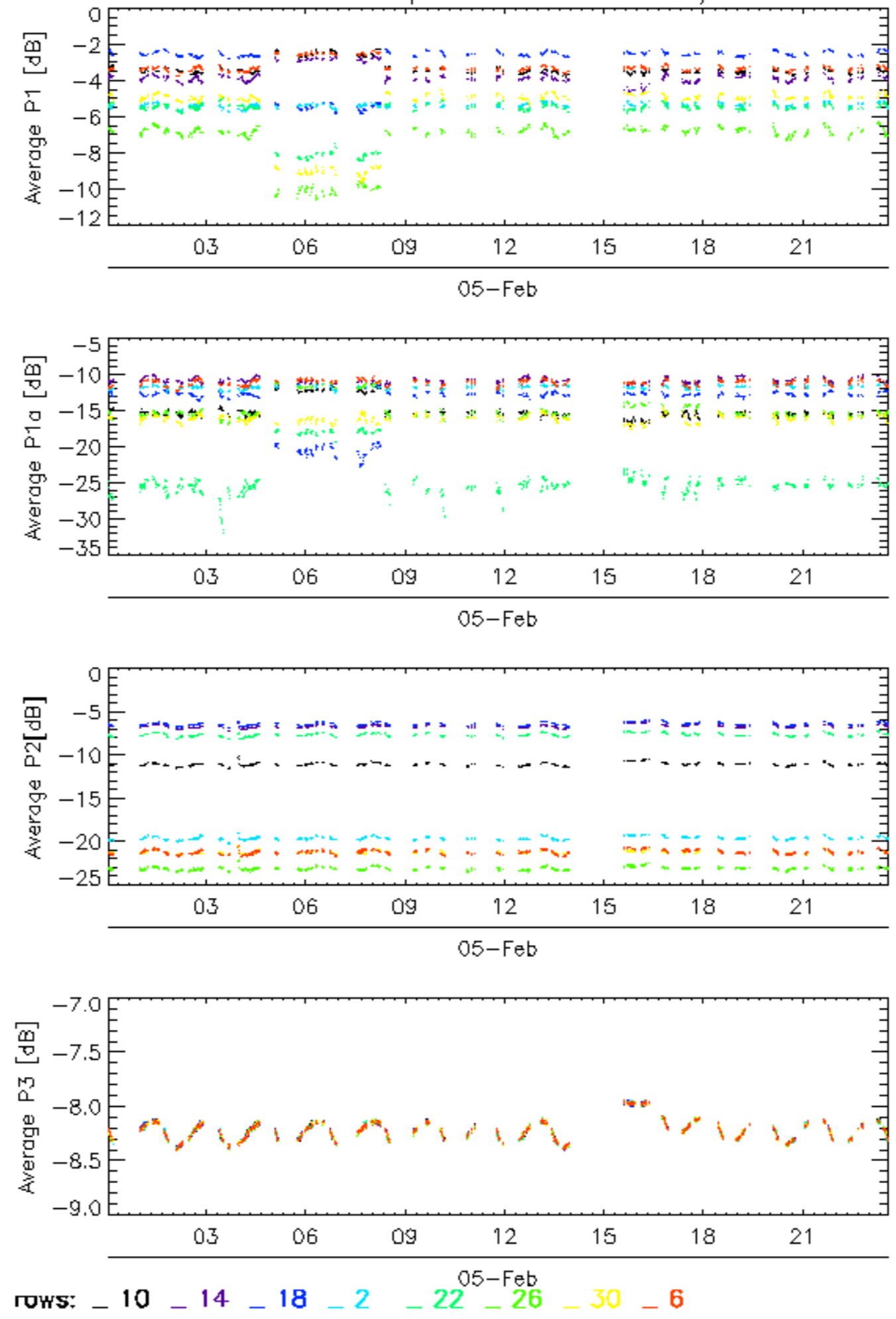
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20120205_002242_000016193111_00217_51955_7415.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_011638_000003513111_00218_51956_7418.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_013504_000004653111_00218_51956_7420.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_015626_000002403111_00218_51956_7427.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_015941_000003303111_00218_51956_7433.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_021745_000004493111_00219_51957_7441.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_030707_000004653111_00219_51957_7437.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_031422_000003303111_00219_51957_7504.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_034545_000006743111_00219_51957_7475.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_040134_000000743111_00220_51958_7478.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_044339_000007793111_00220_51958_7480.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_045623_000004203111_00220_51958_7527.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_051654_000015743111_00220_51958_7533.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_062128_000004193111_00221_51959_7536.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120205_063312_000002403111_00221_51959_7537.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120205_225255_000013193111_00231_51969_7818.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDK20120205_193338_000019043111_00229_51967_2966.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20120205_201934_000005403111_00229_51967_2970.N1					OK	OK	OK	OK
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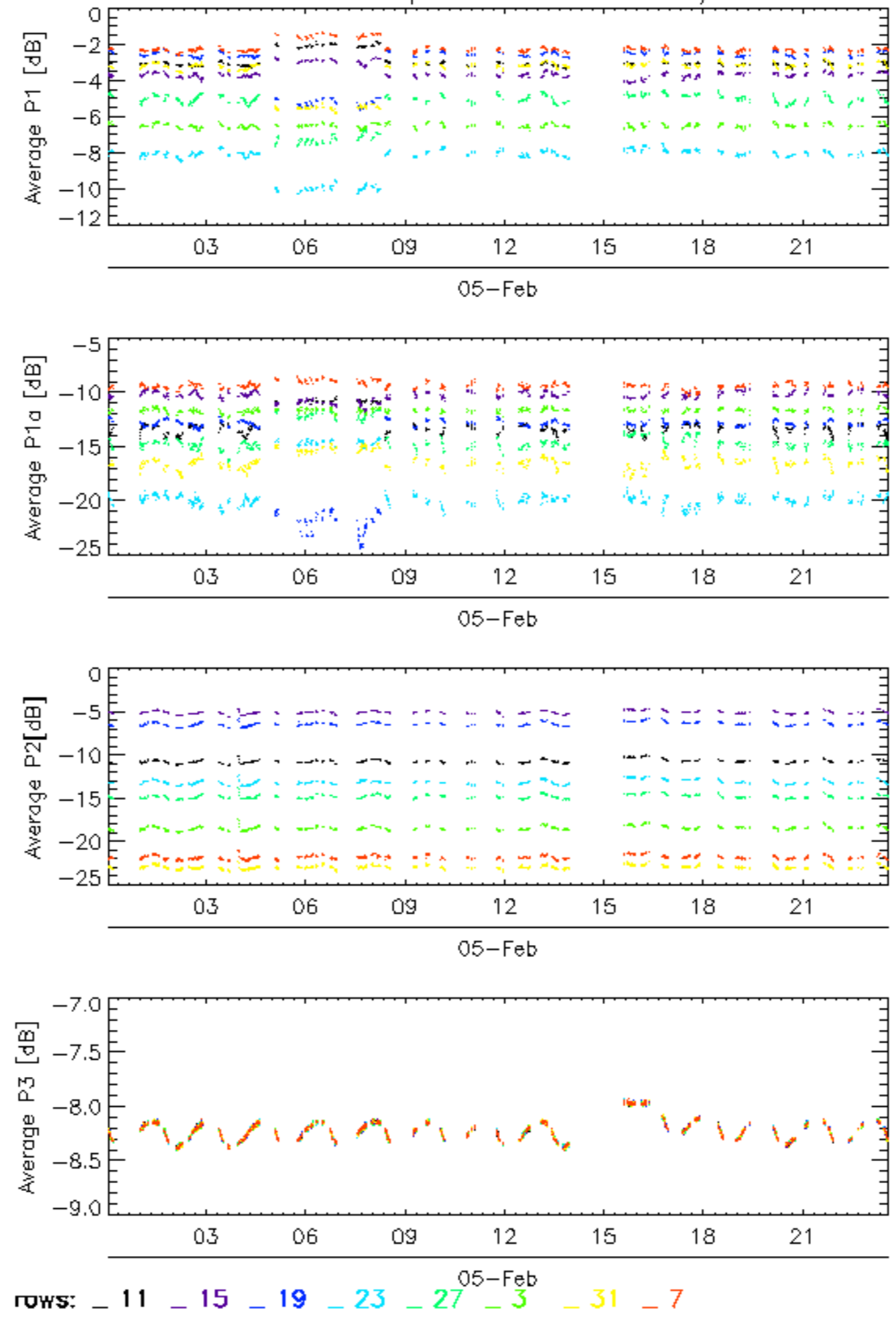
Calibration pulses for GM1 SS3 H/H



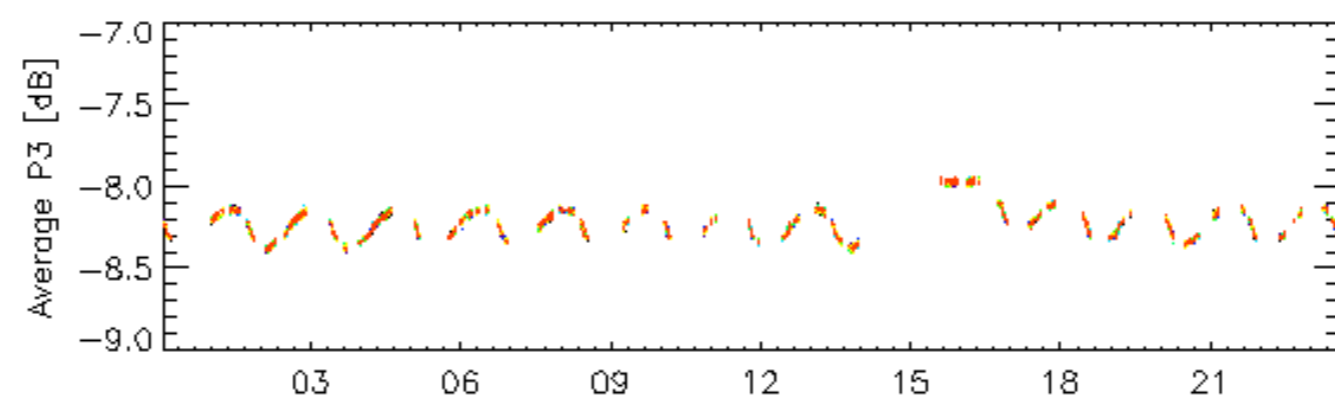
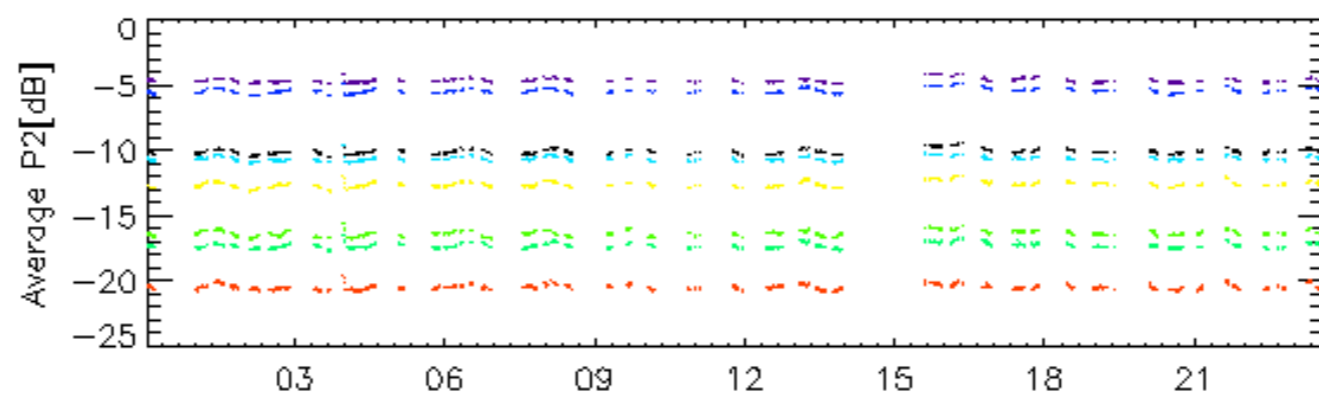
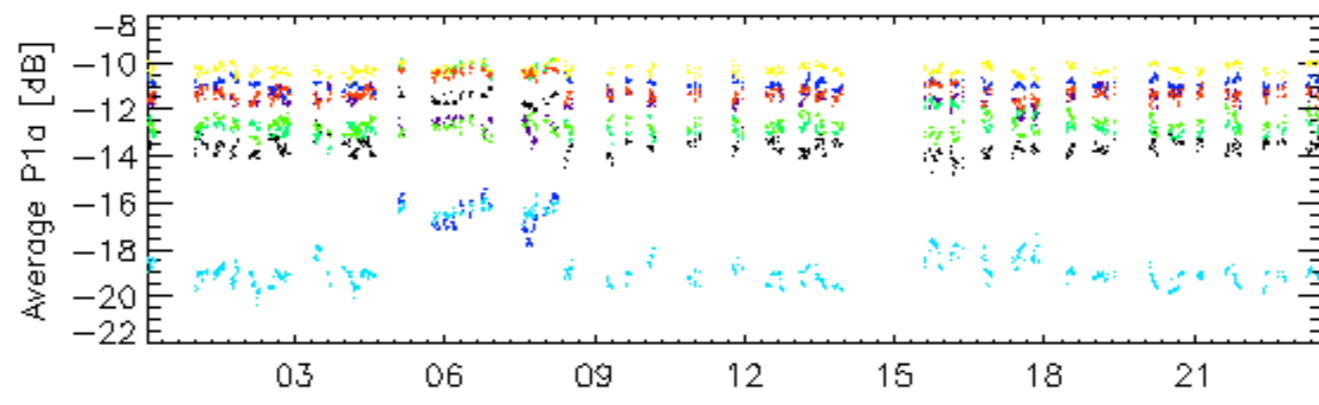
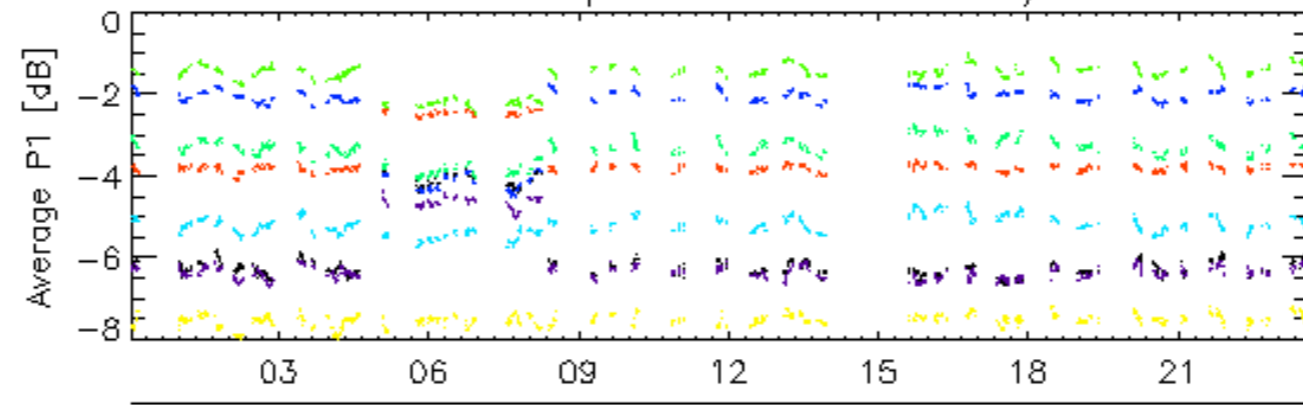
Calibration pulses for GM1 SS3 H/H



Calibration pulses for GM1 SS3 H/H

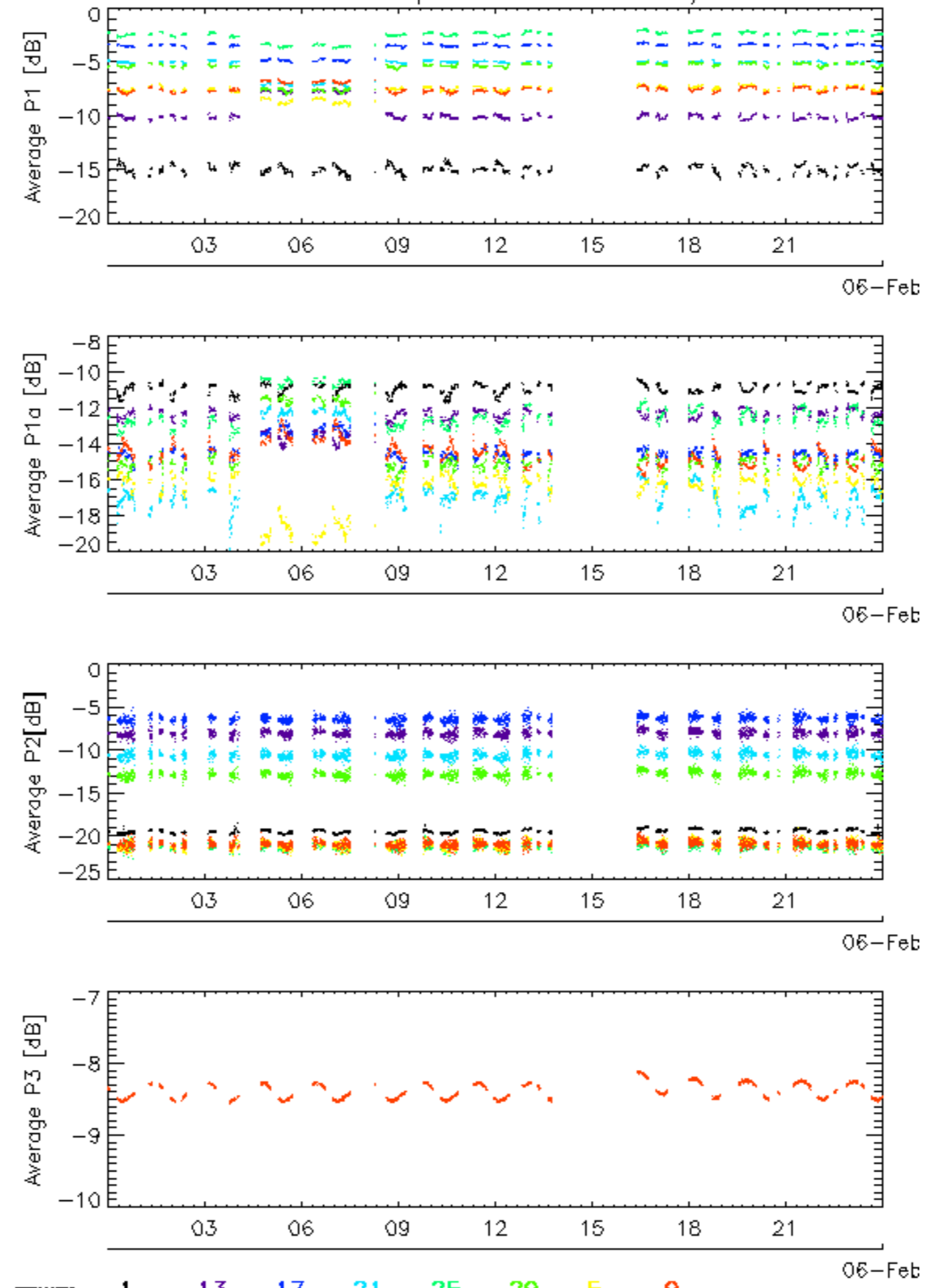


Calibration pulses for GM1 SS3 H/H



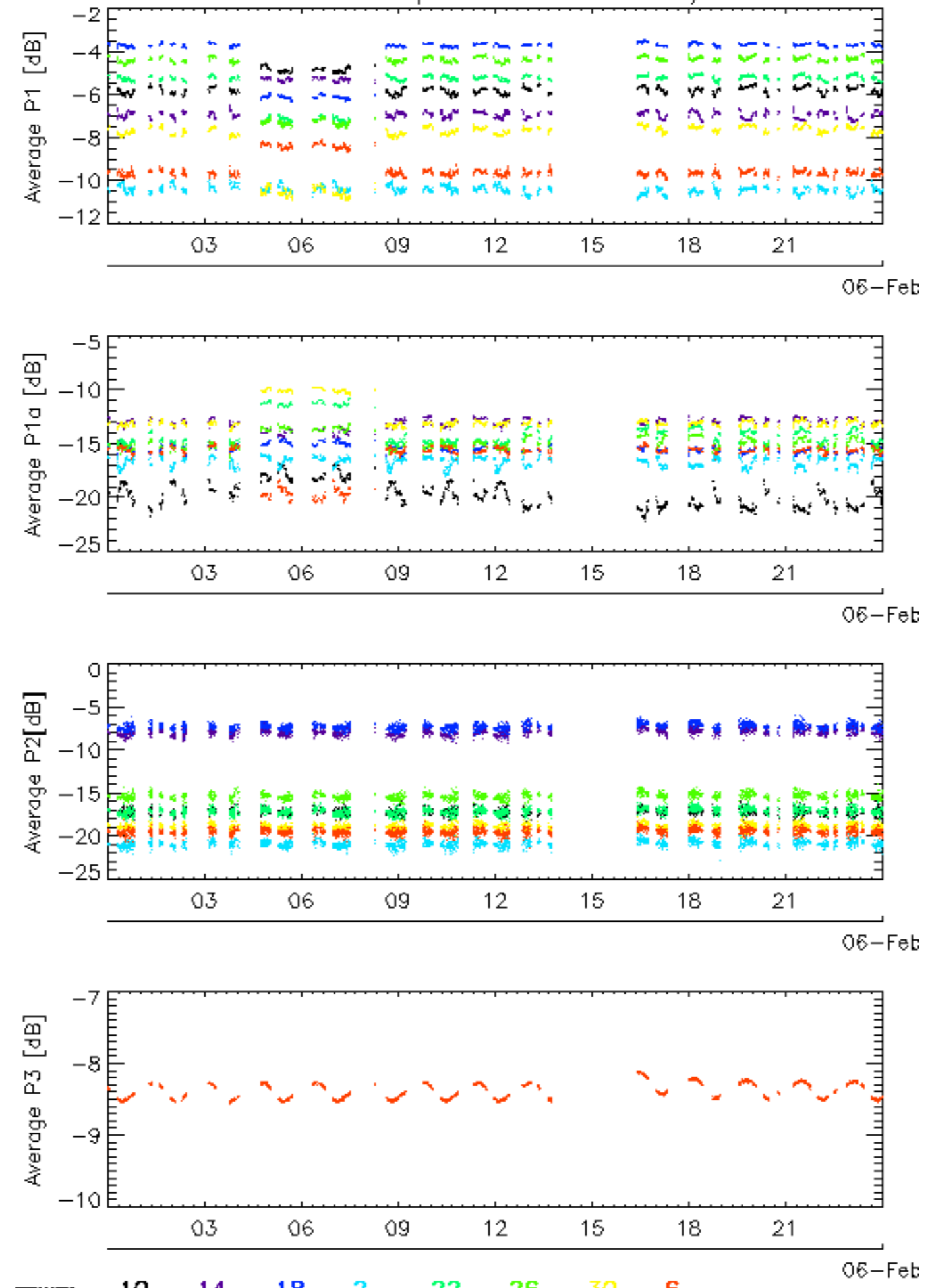
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Calibration pulses for WVS IS2 V/V

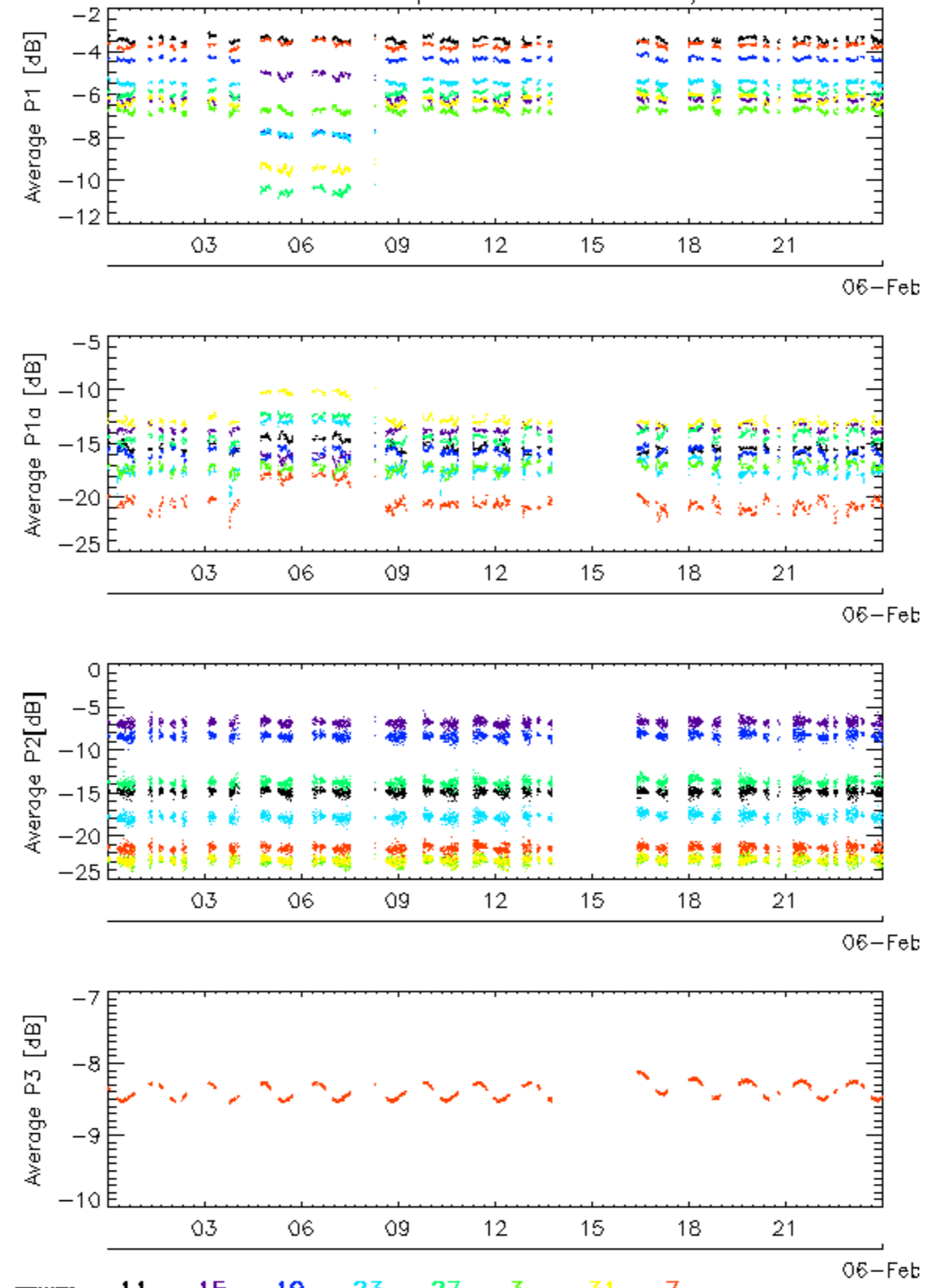


rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

Calibration pulses for WVS IS2 V/V

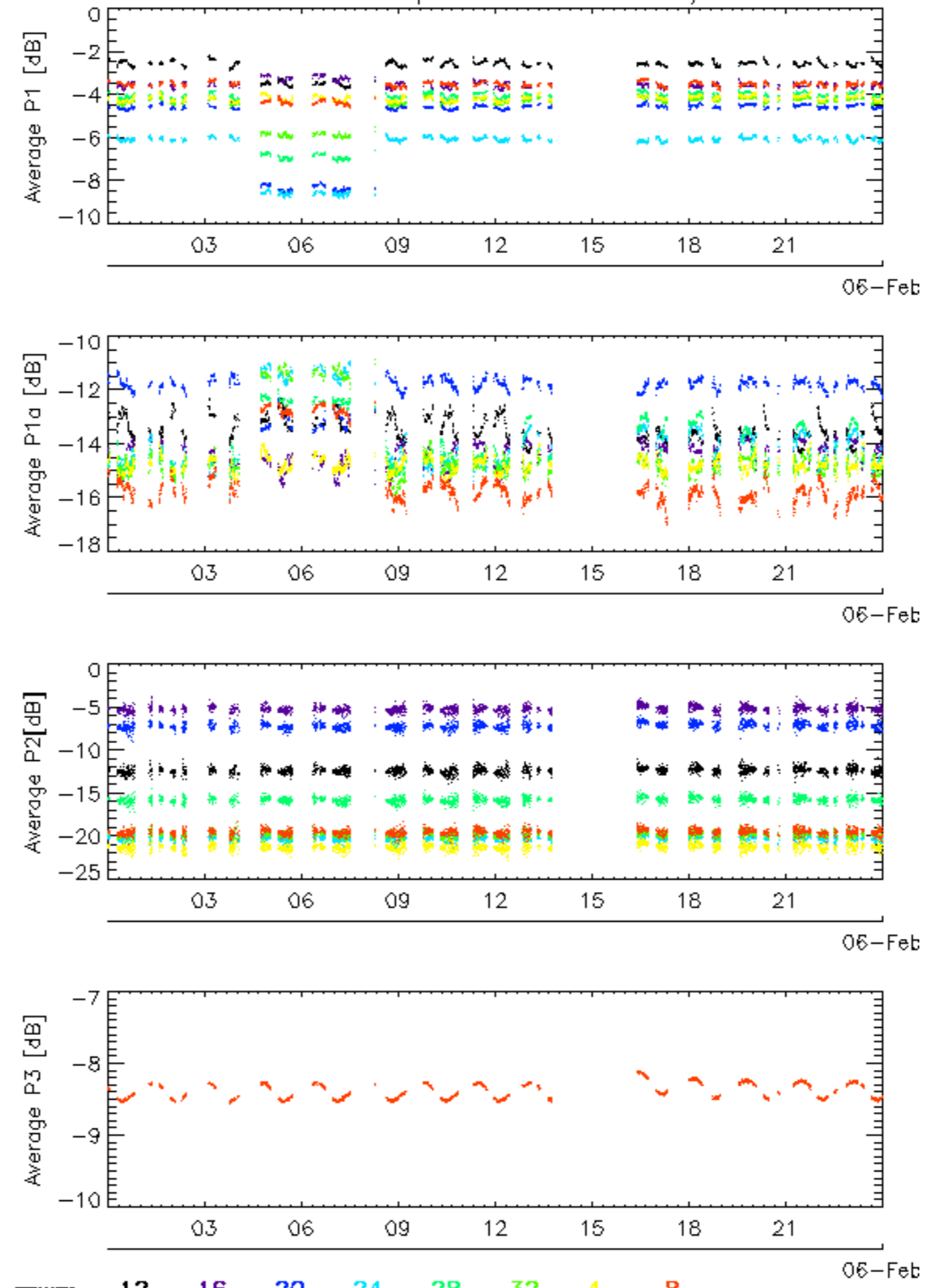


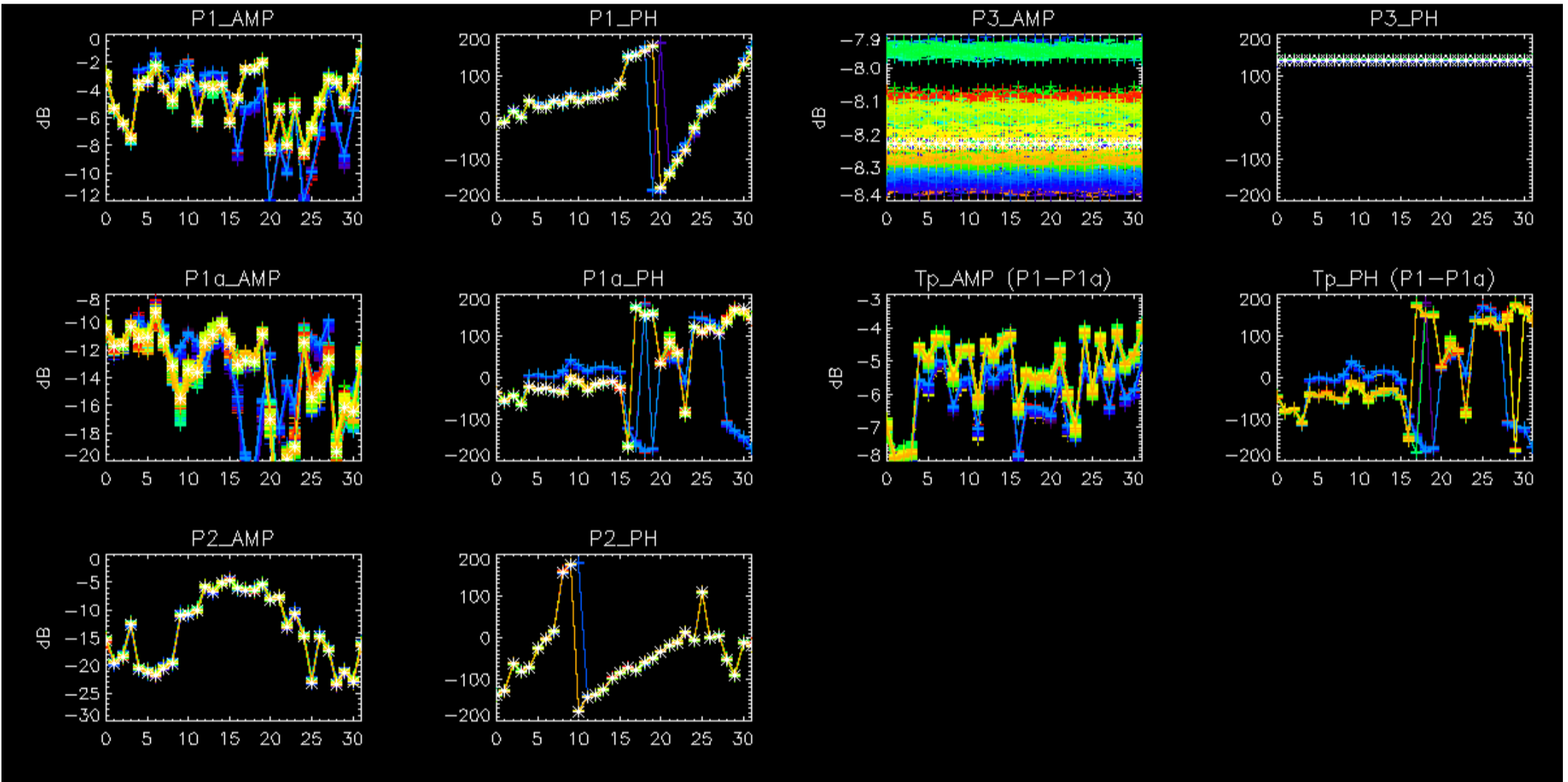
Calibration pulses for WVS IS2 V/V

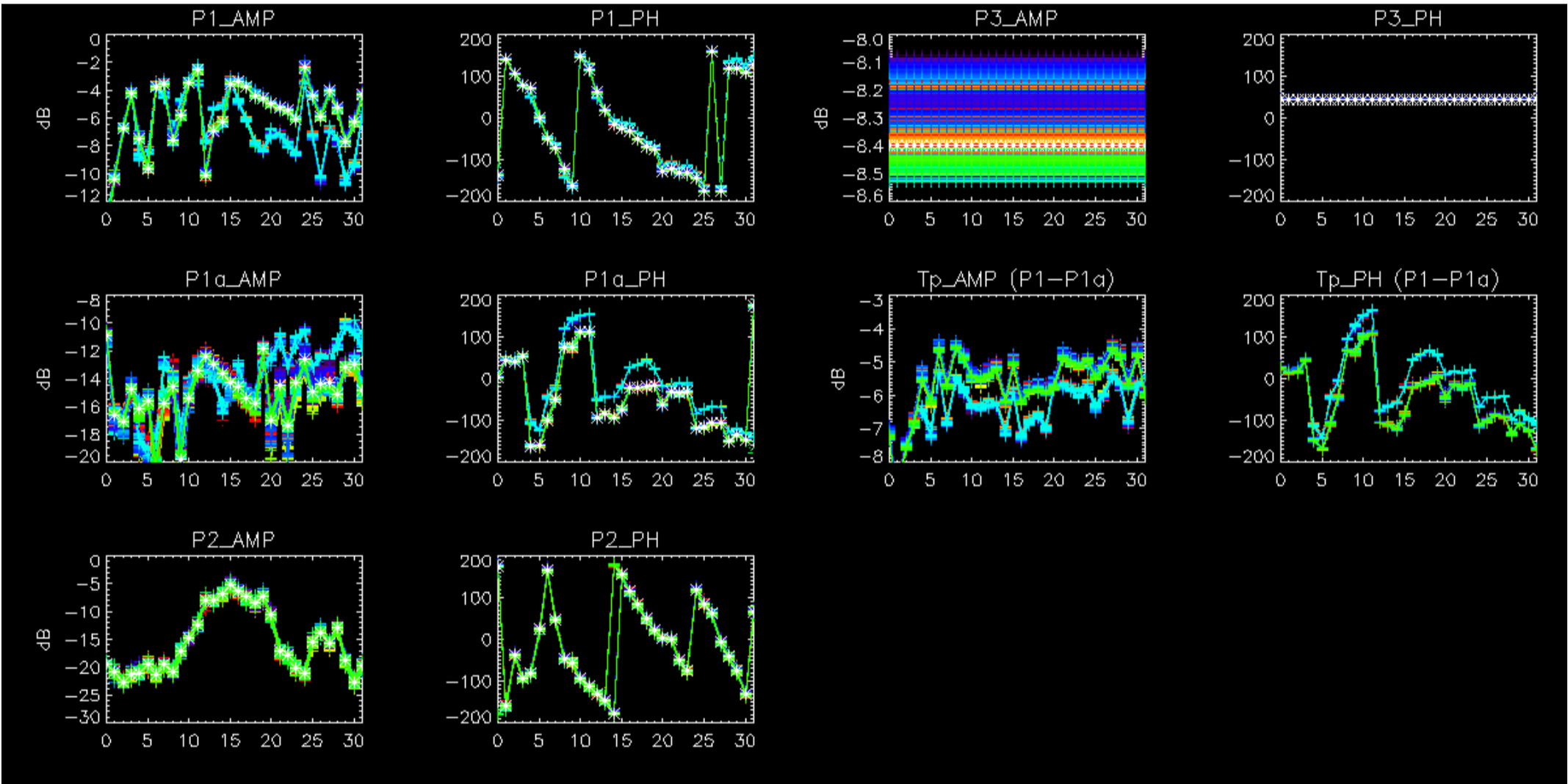


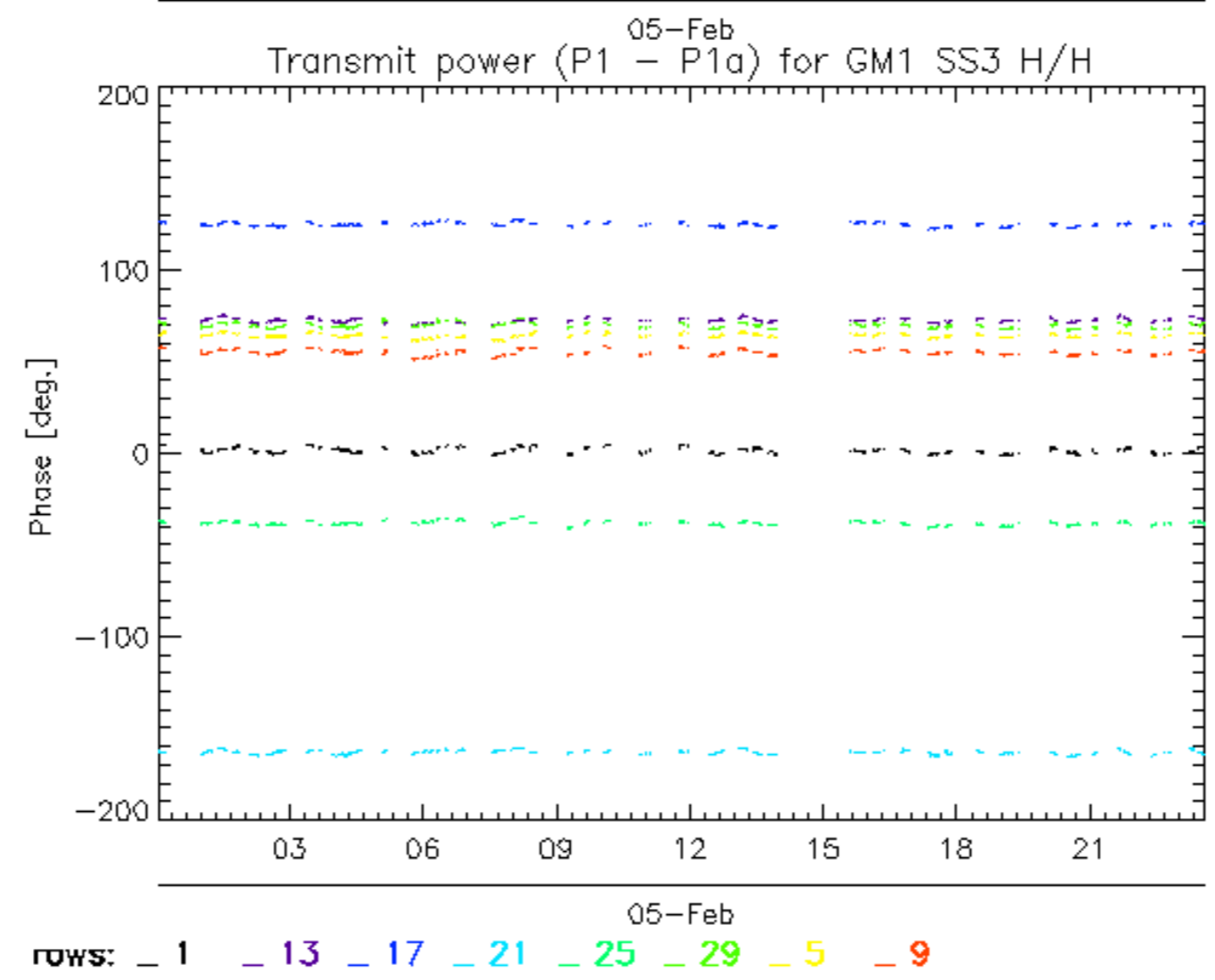
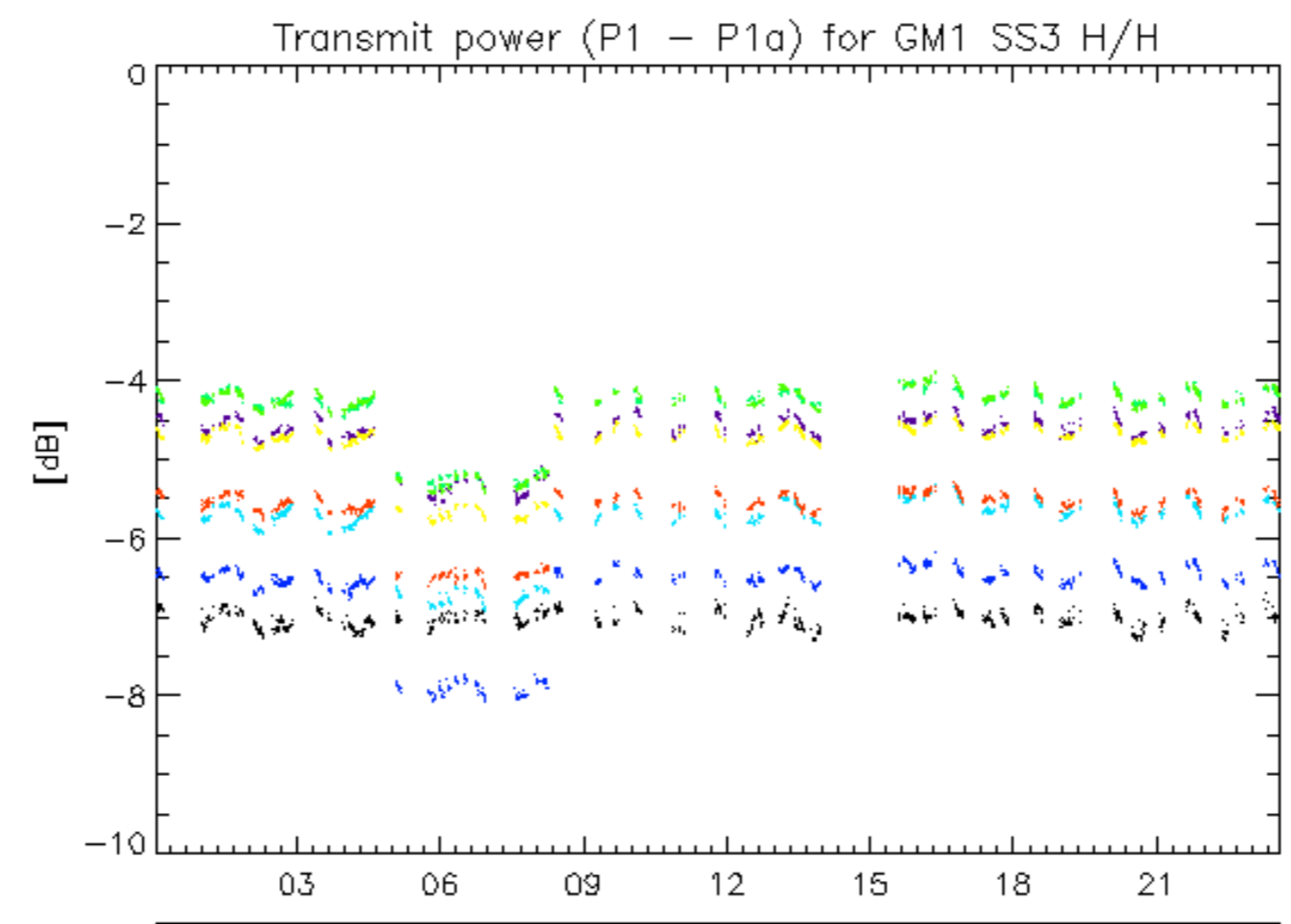
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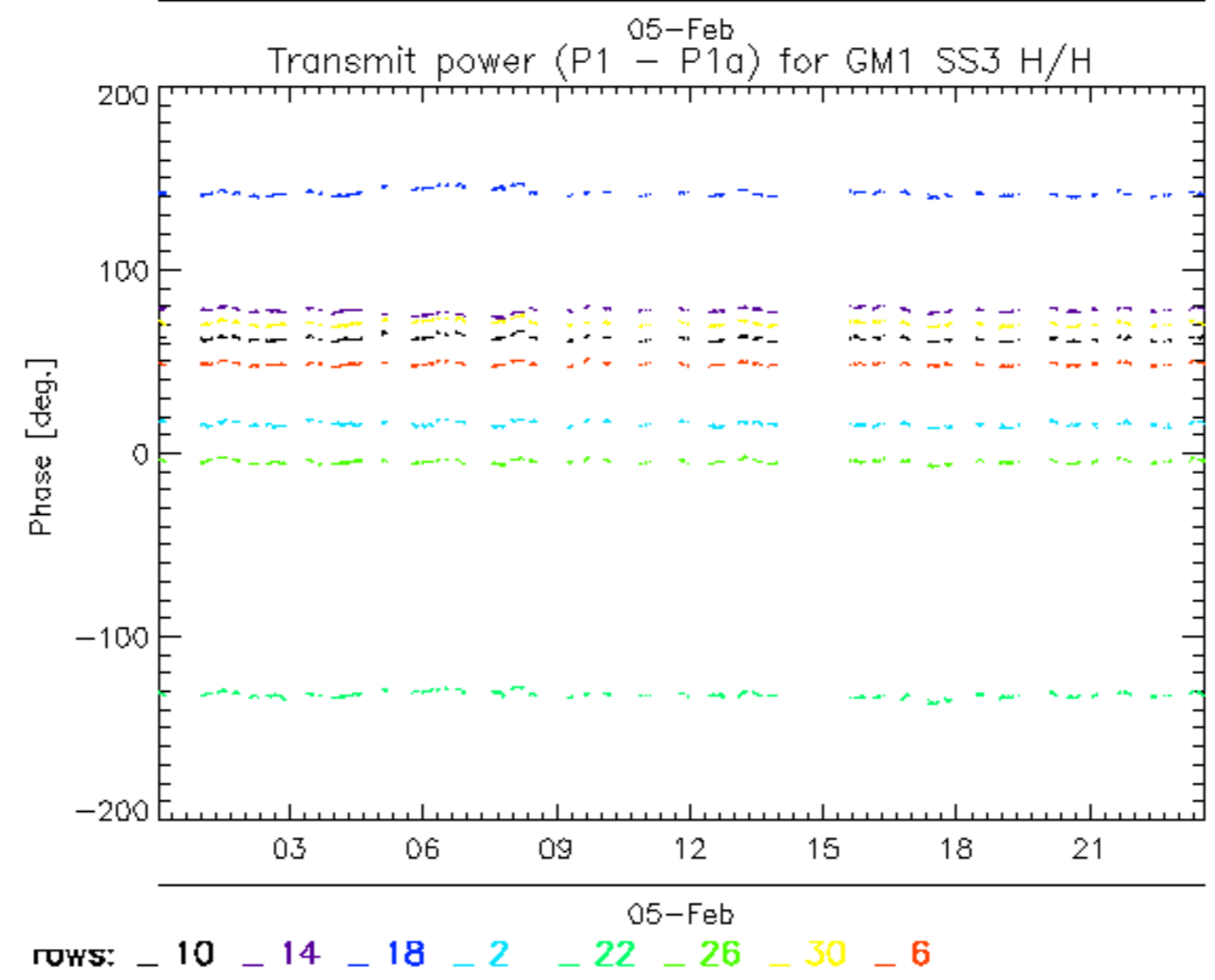
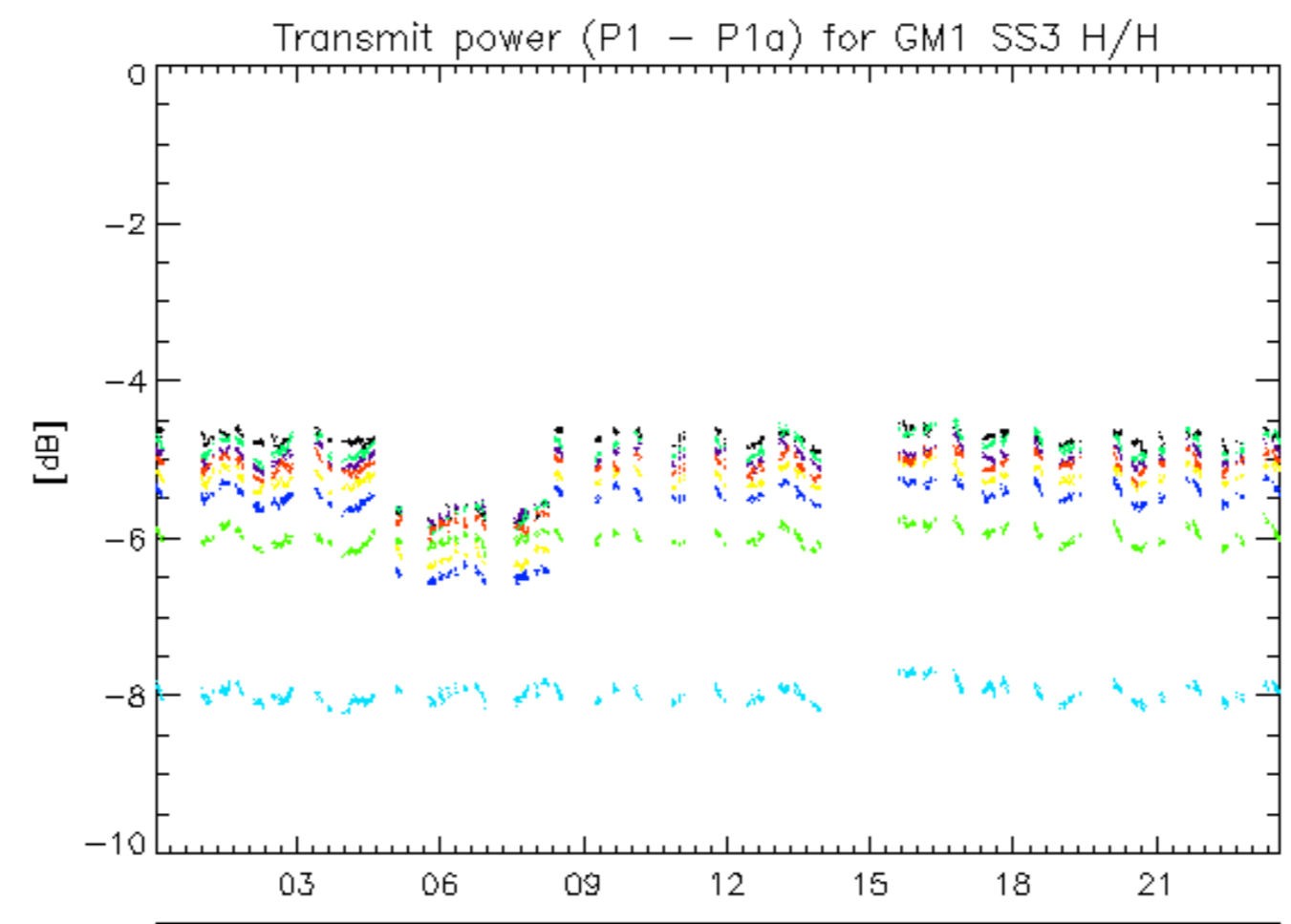
Calibration pulses for WVS IS2 V/V

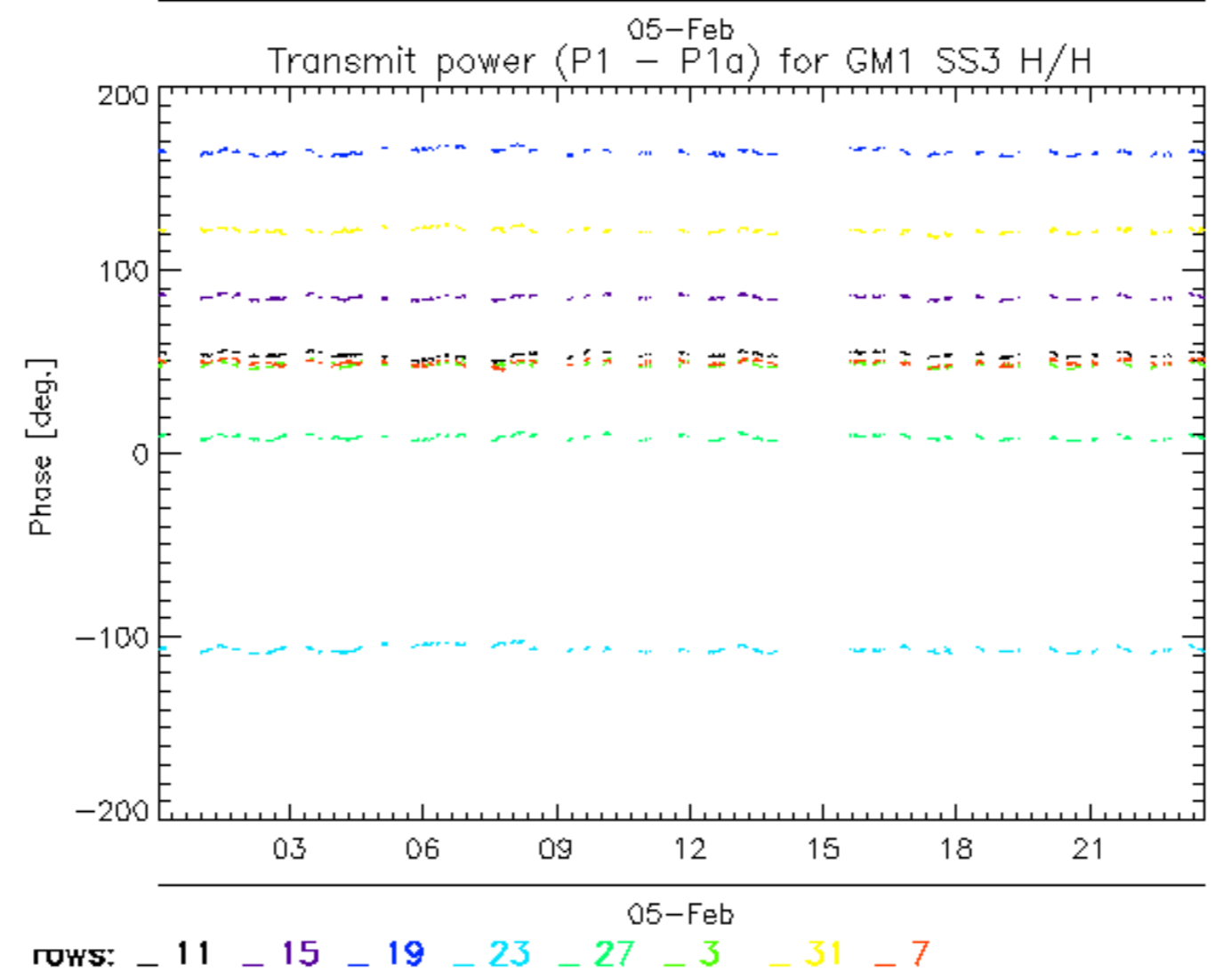
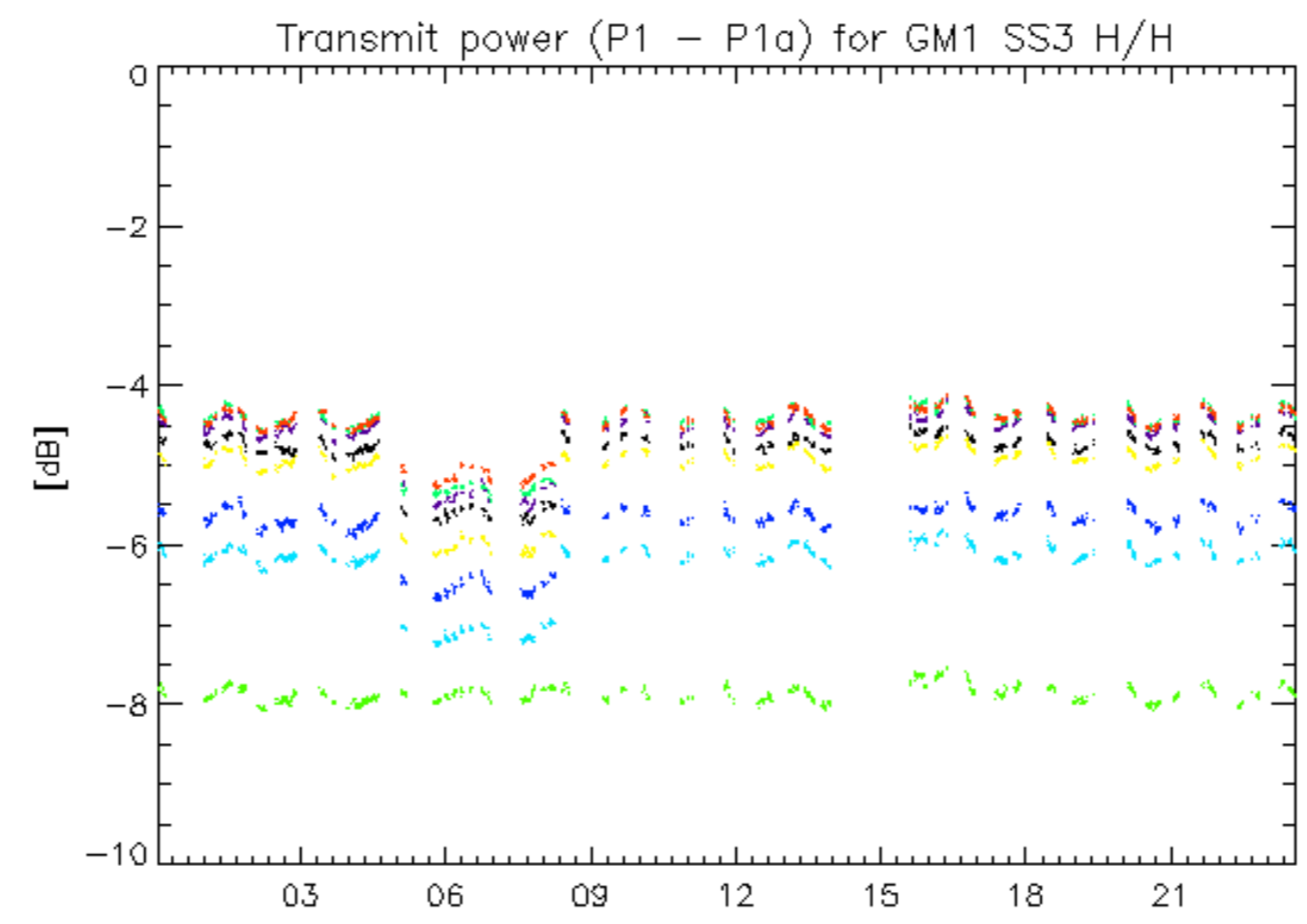


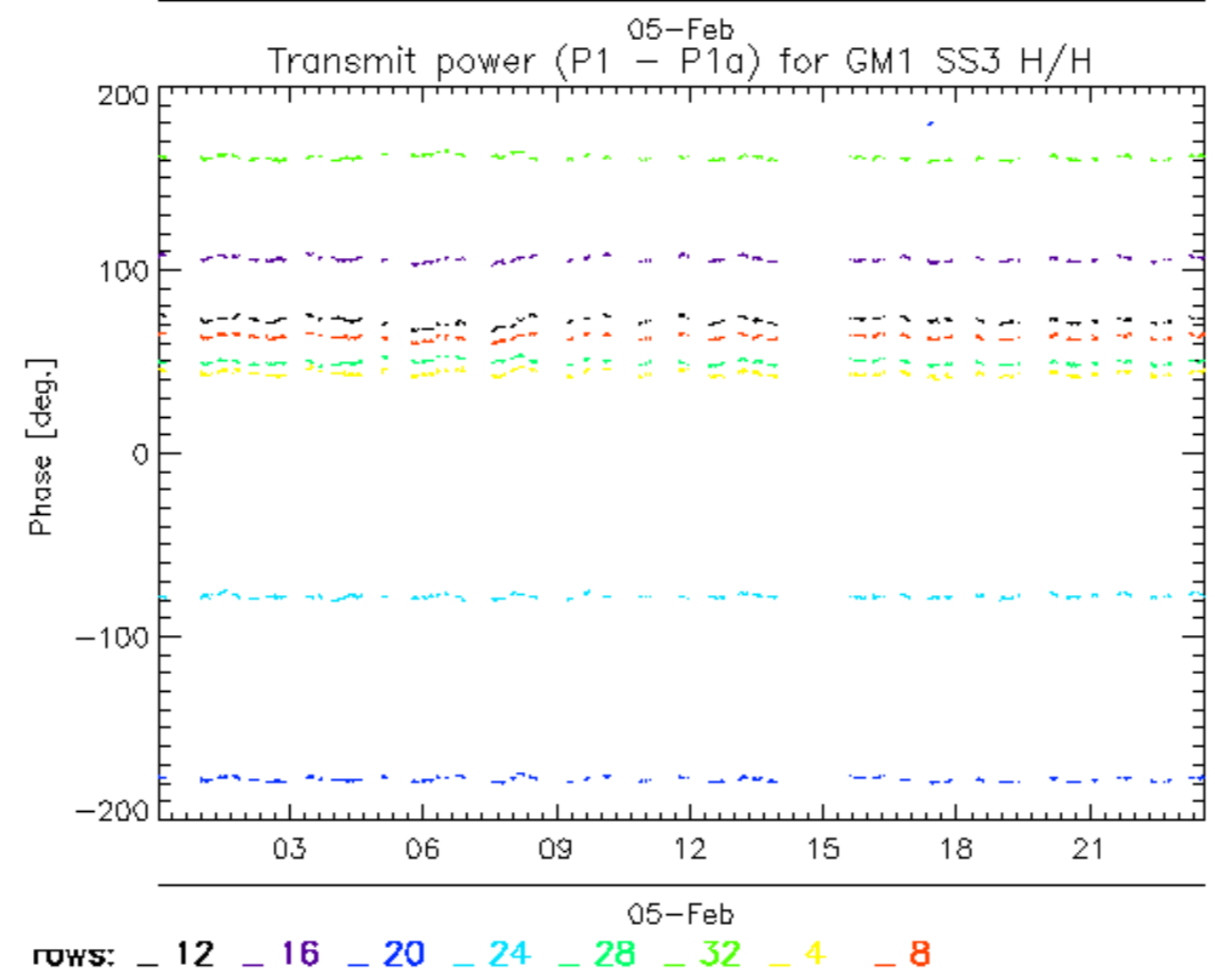
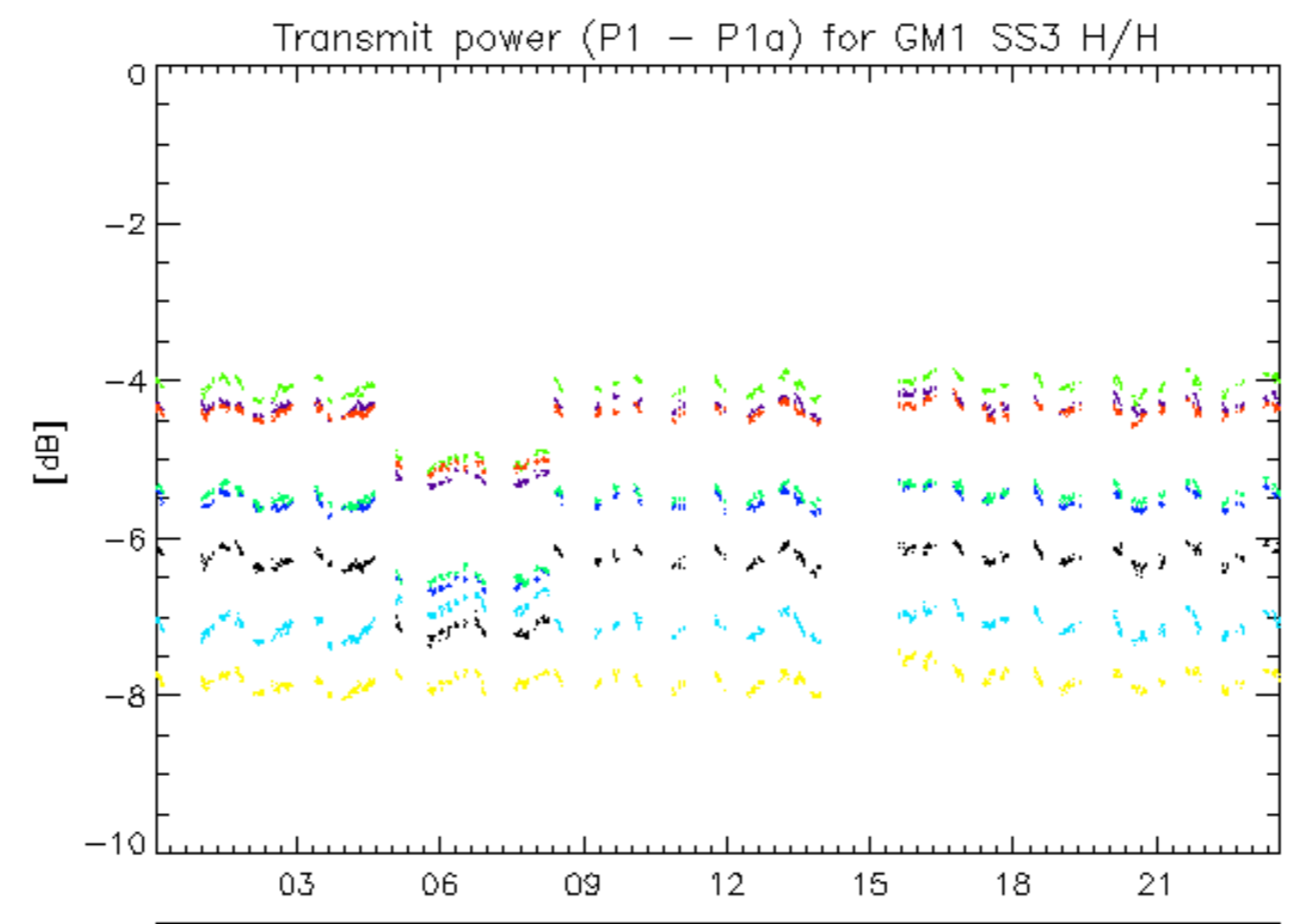


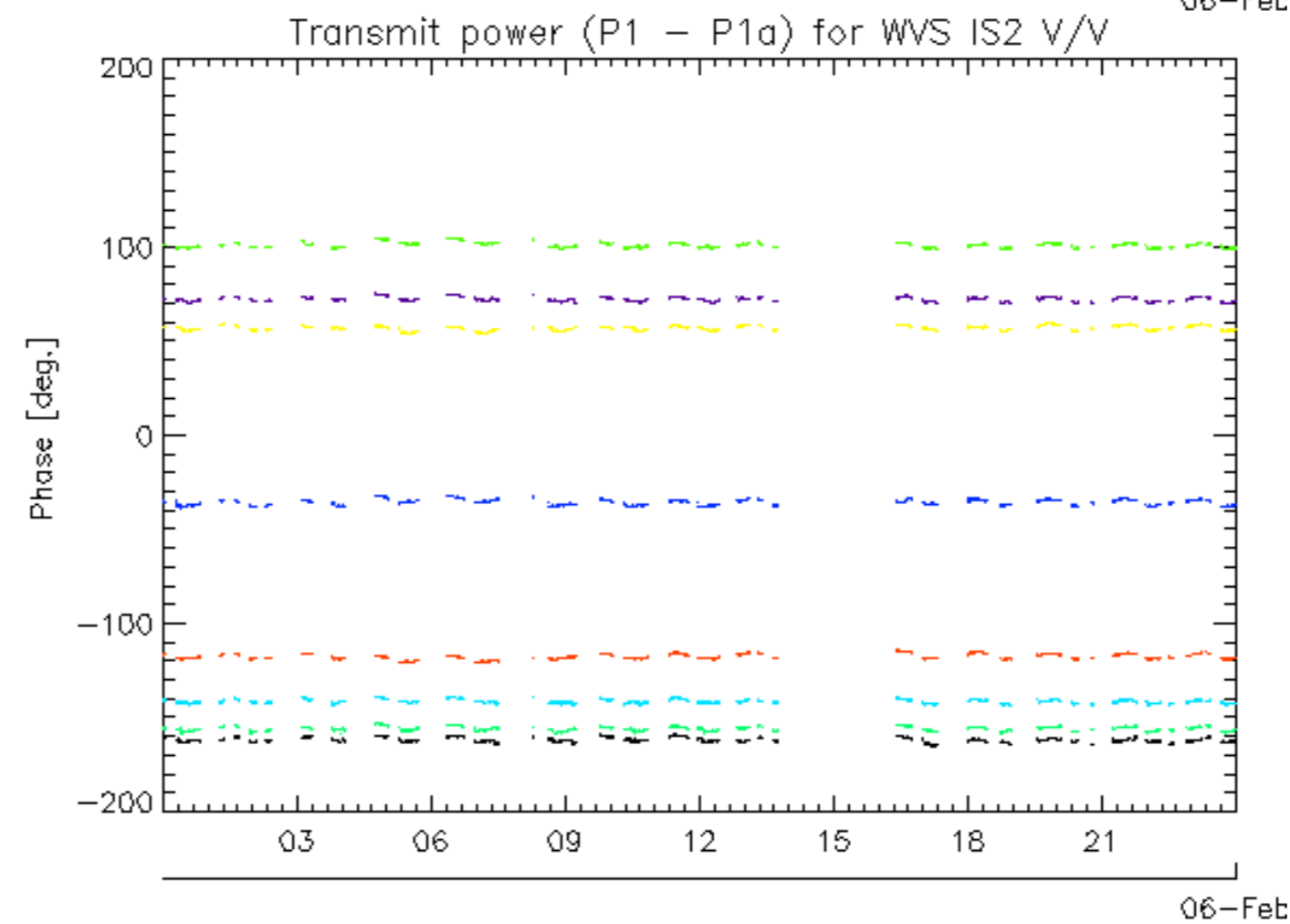
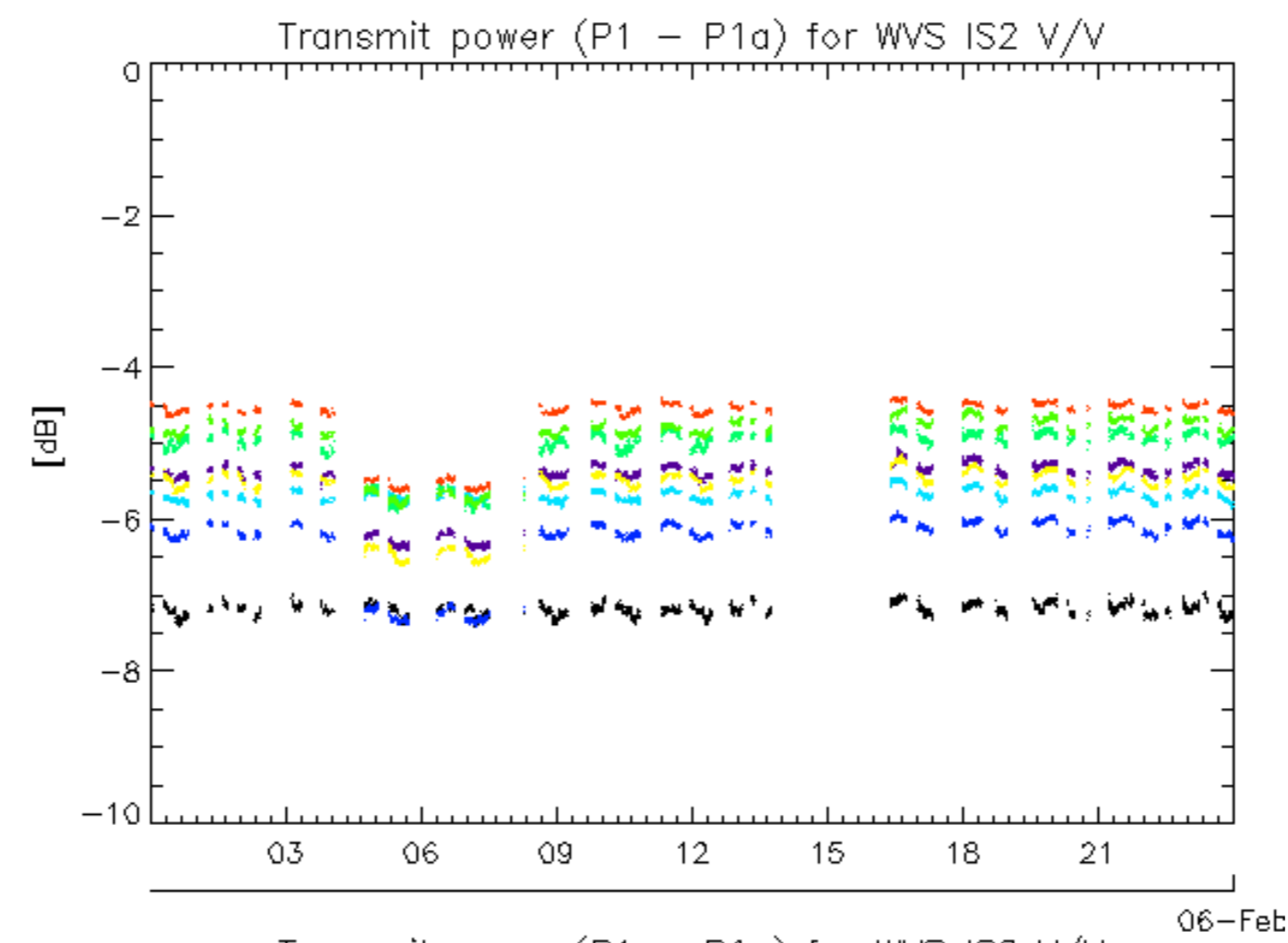




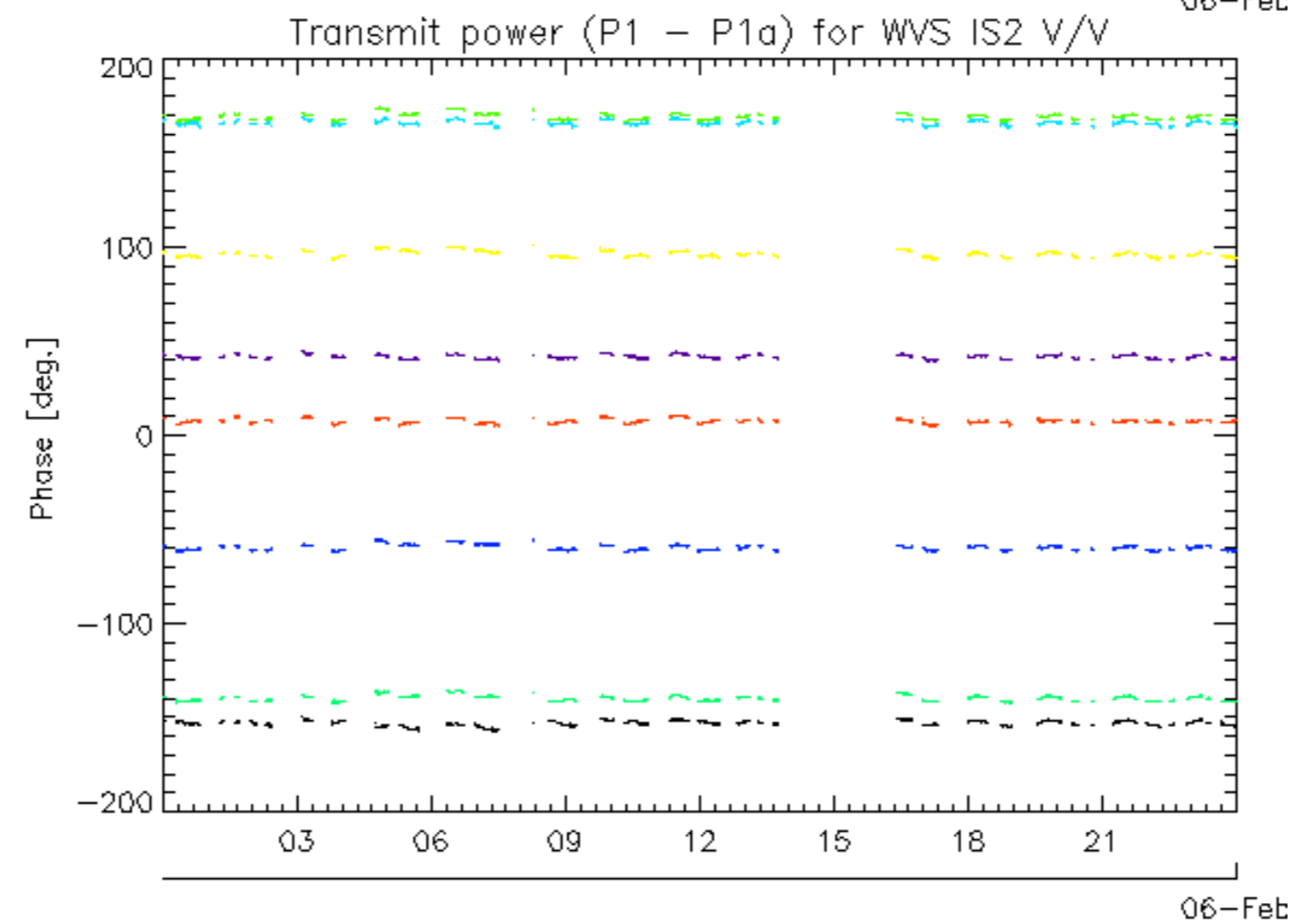
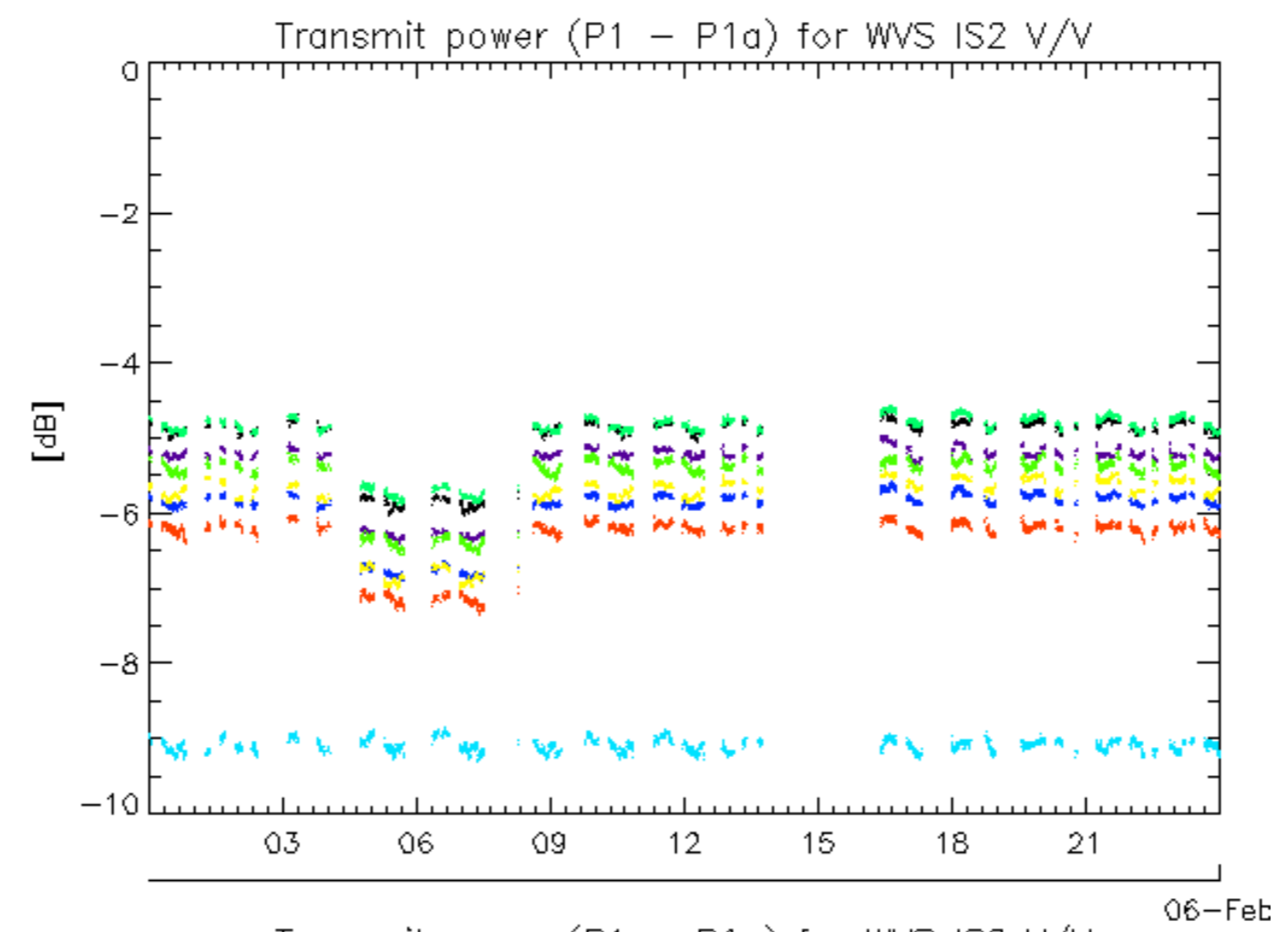




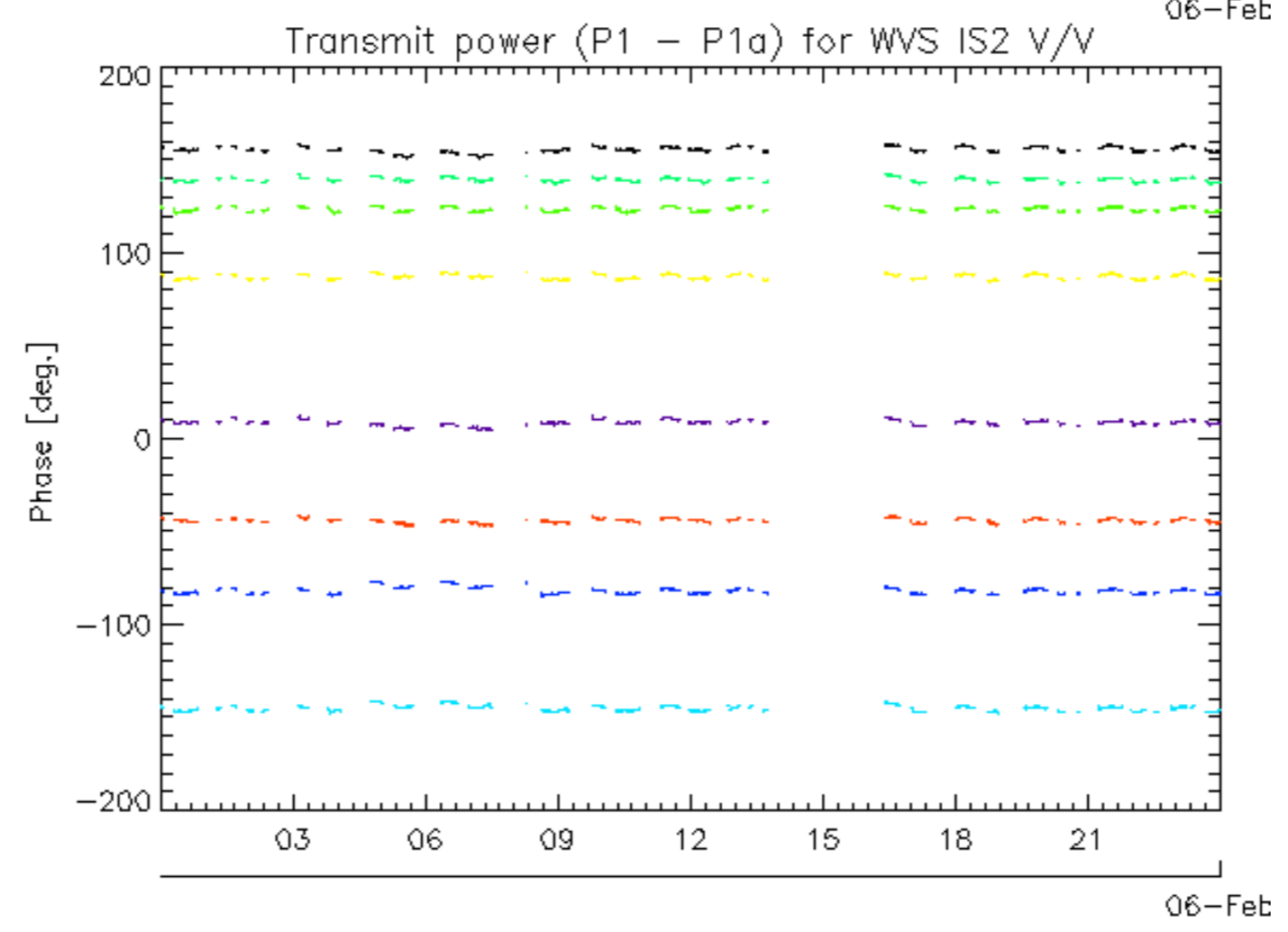
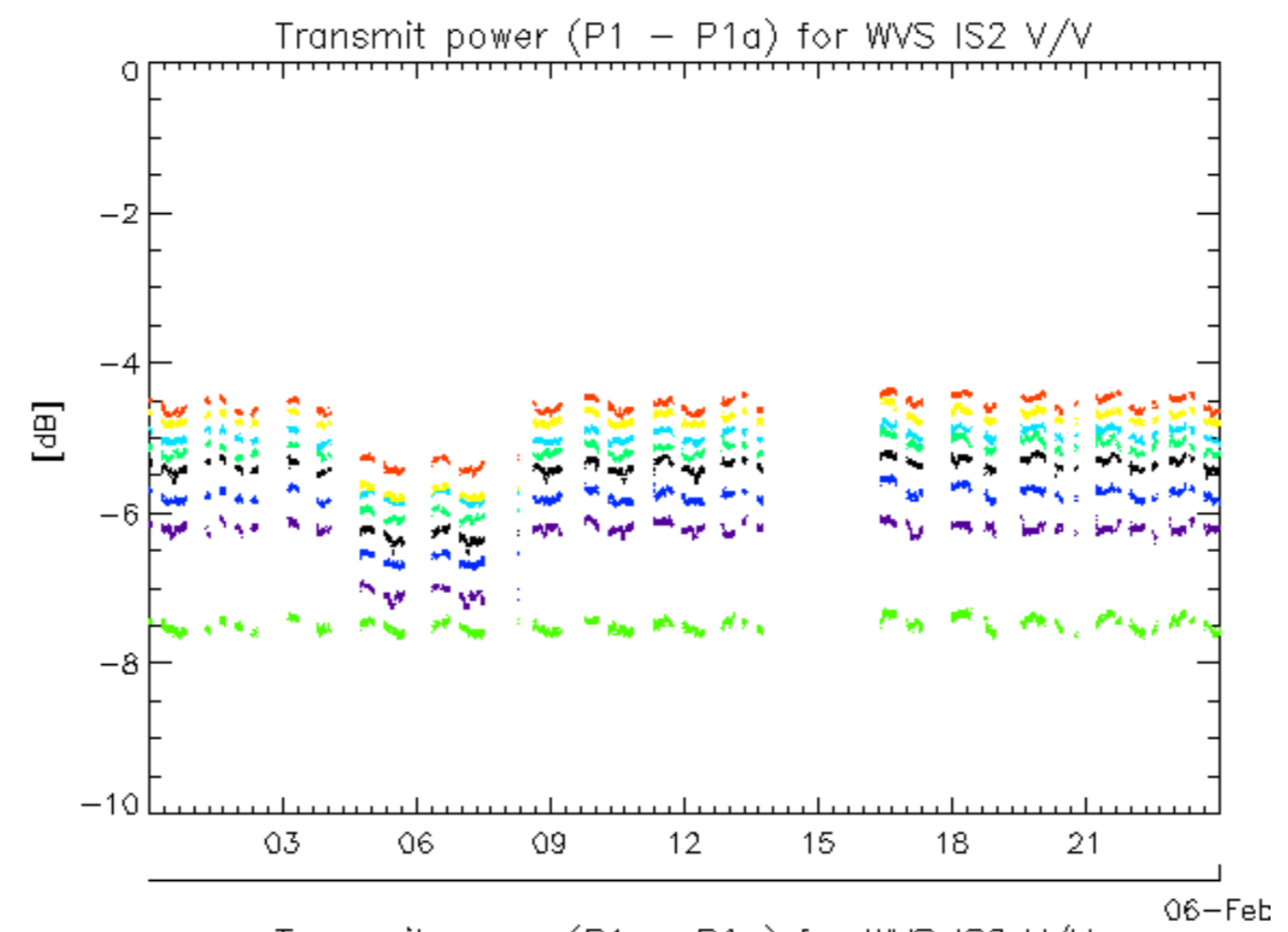




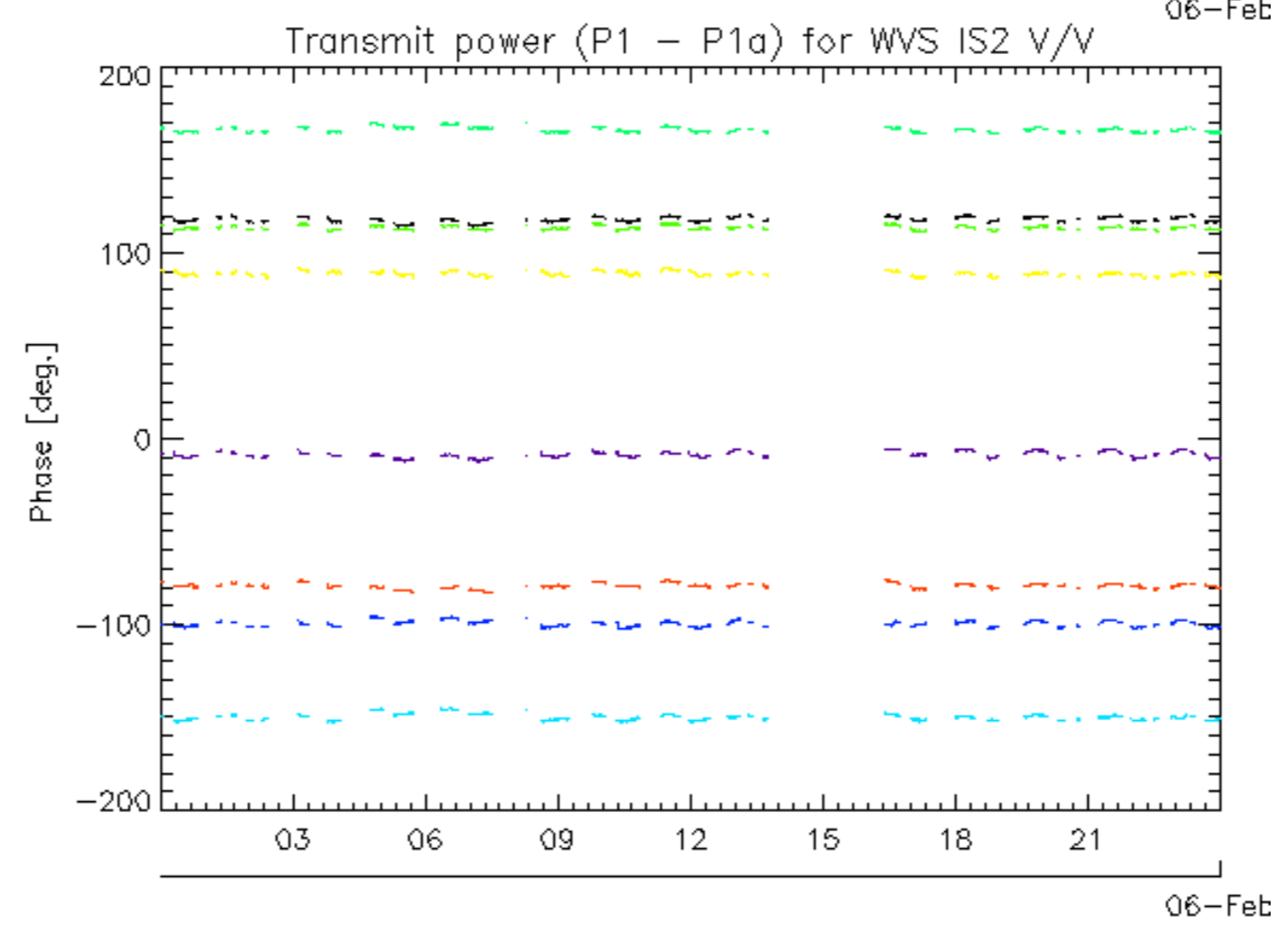
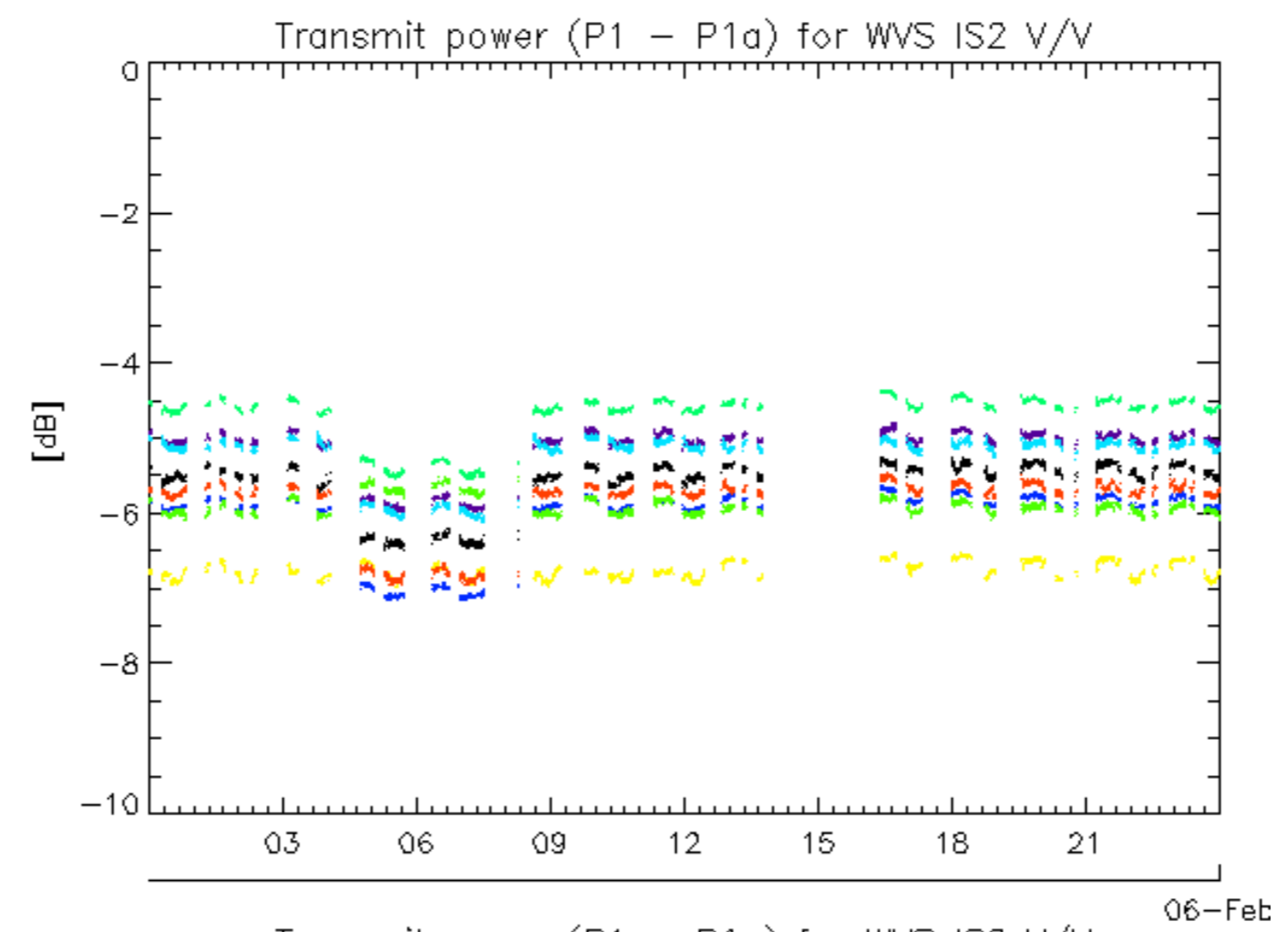
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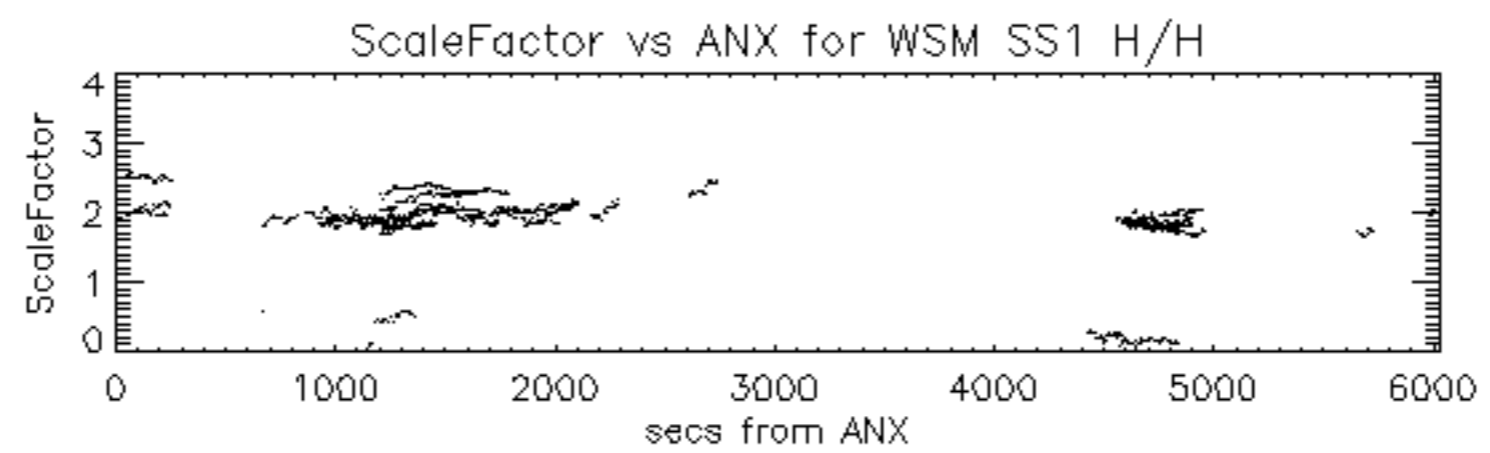
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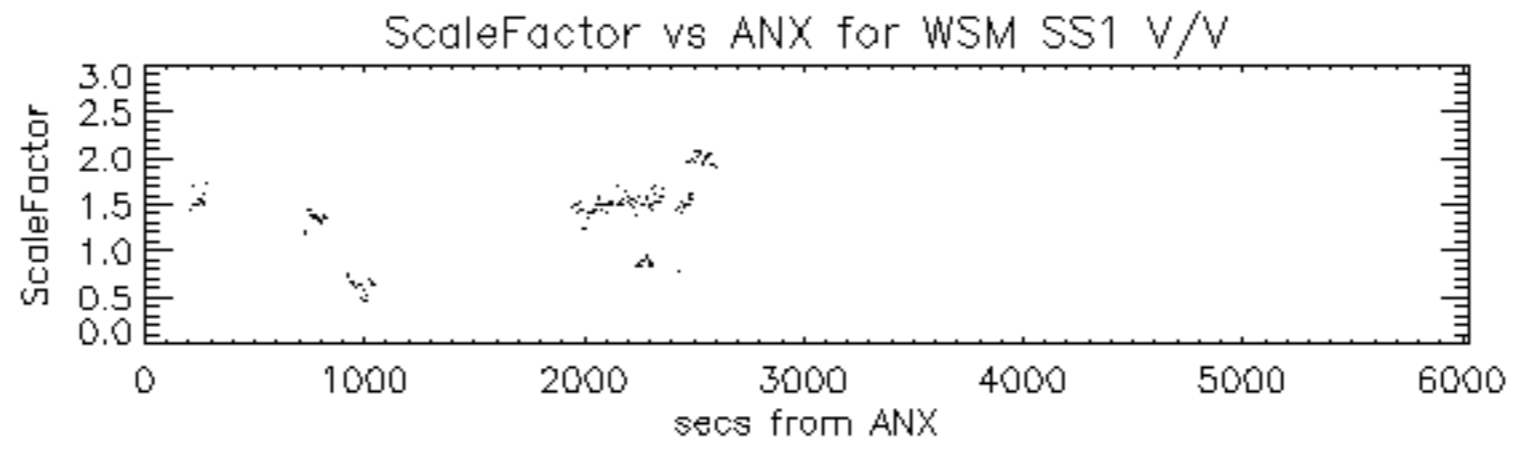


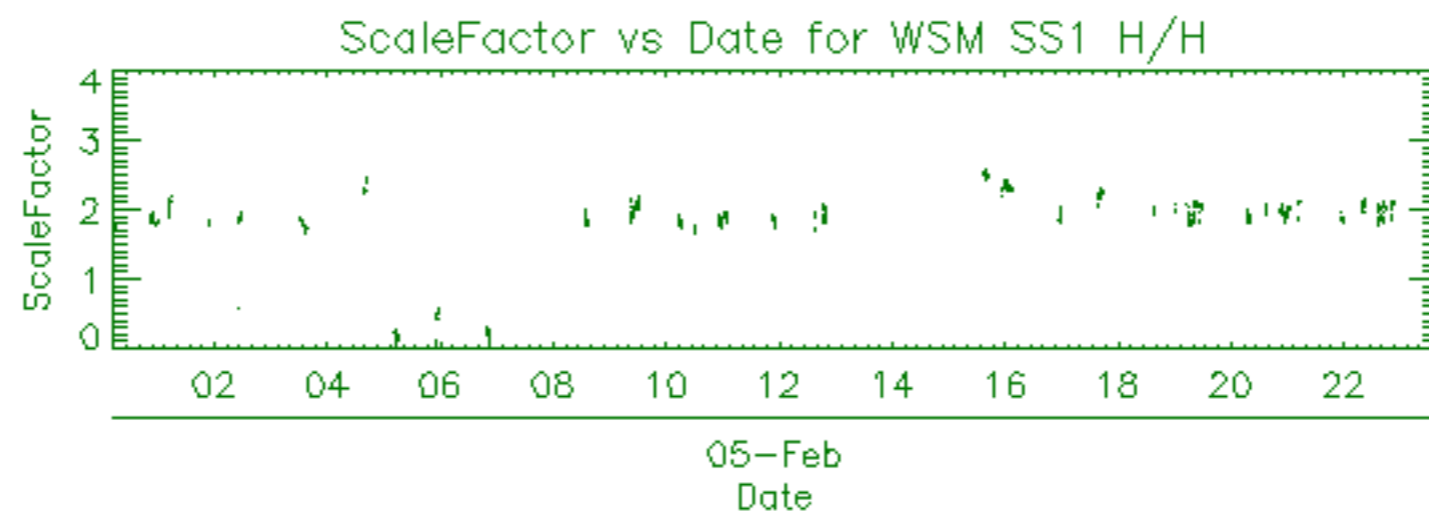
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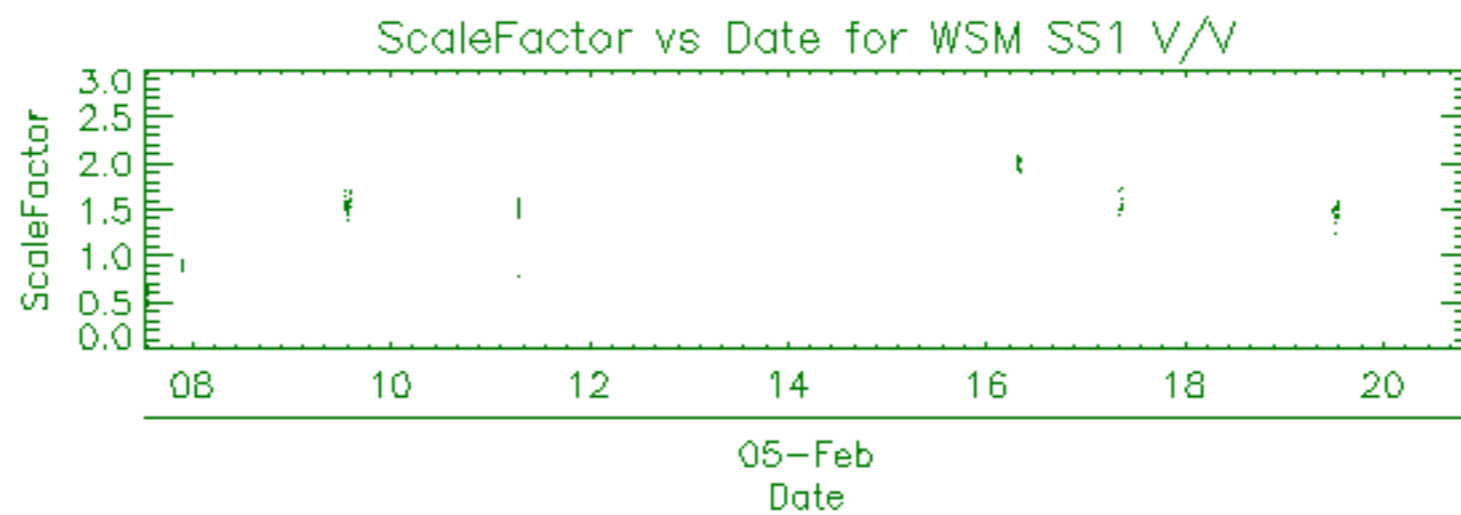


rows: _ 12 _ 16 _ 20 _ 24 _ 28 _ 32 _ 4 _ 8









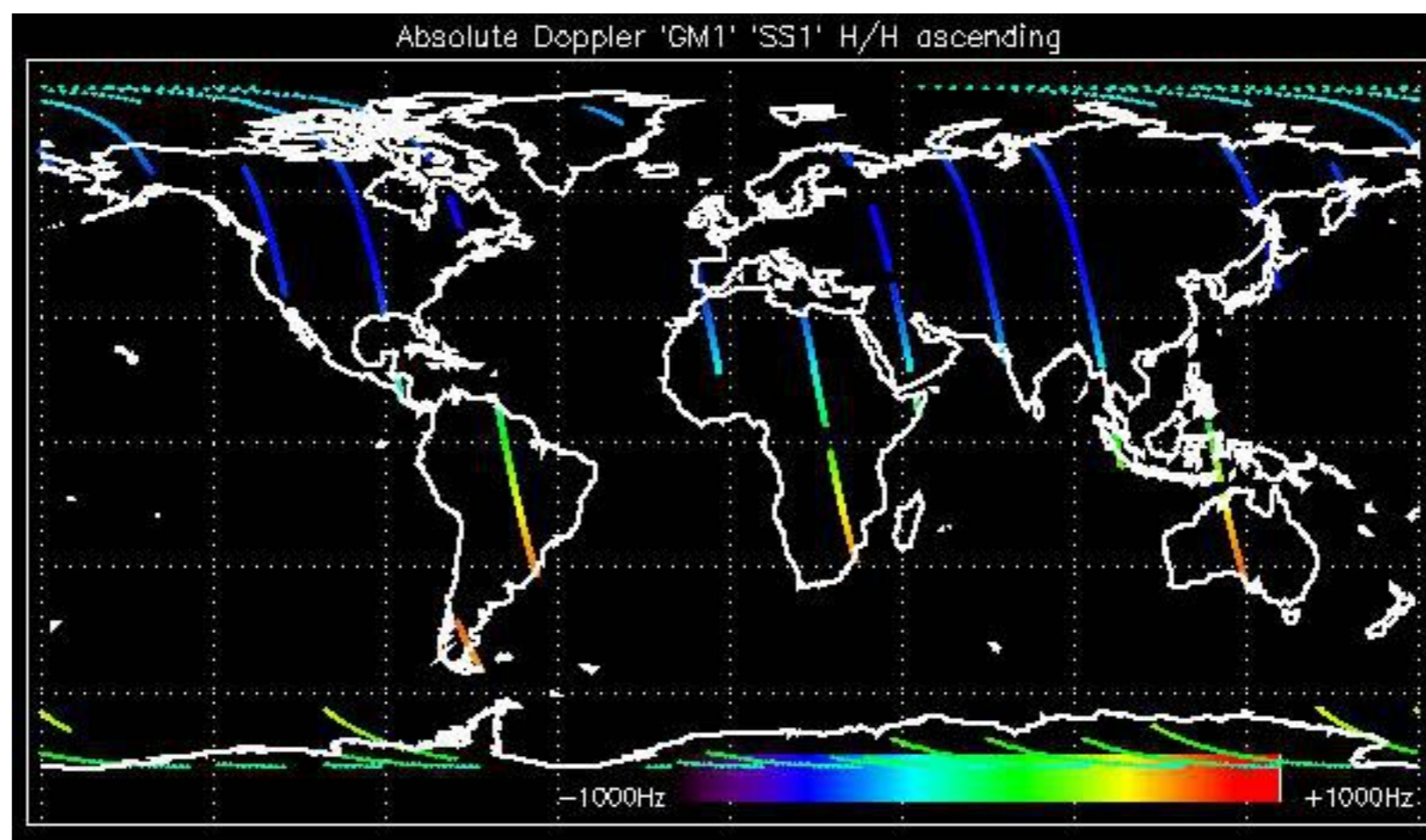
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120205_030054_000001293111_00219_51957_7431.N1						IS2	H/H	111	51957	219	5.04
ASA_APM_1PNPDE20120205_030338_000002033111_00219_51957_7432.N1						IS1	V/H	111	51957	219	5.04
ASA_APM_1PNPDE20120205_035955_000000923111_00220_51958_7465.N1						IS1	V/V	111	51958	220	5.04
ASA_APM_1PNPDE20120205_043725_000000433111_00220_51958_7466.N1						IS1	V/H	111	51958	220	5.04
ASA_APM_1PNPDE20120205_044126_000000863111_00220_51958_7468.N1						IS2	H/H	111	51958	220	5.04
ASA_APM_1PNPDE20120205_093558_000000443111_00223_51961_7647.N1						IS3	H/H	111	51961	223	5.04
ASA_APM_1PNPDK20120205_135749_000000563111_00226_51964_2850.N1						IS2	H/H	111	51964	226	5.04
ASA_APM_1PNPDK20120205_135912_000000933111_00226_51964_2853.N1						IS4	H/H	111	51964	226	5.04

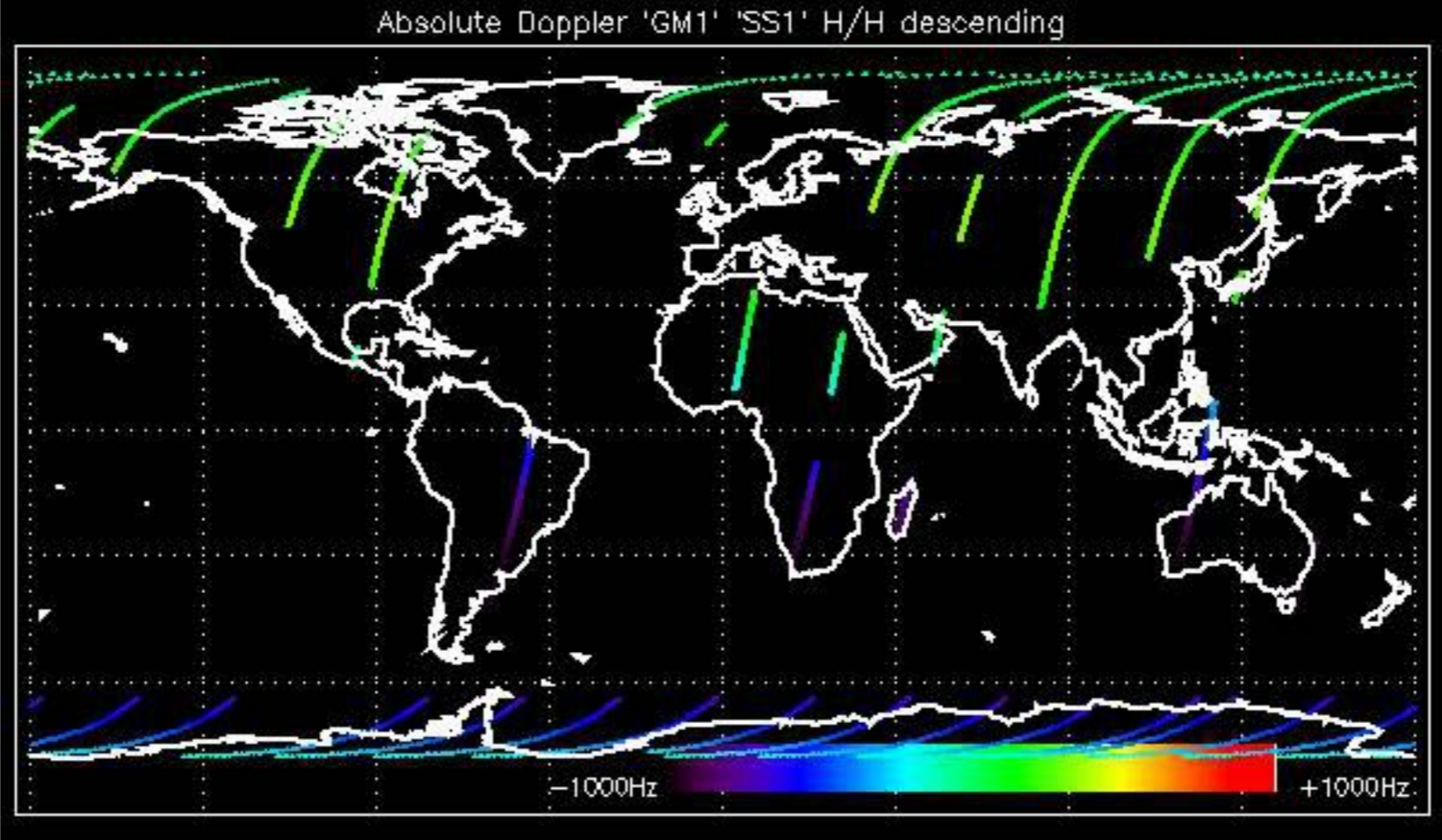
ASA_GM1_1PNPDE20120205_223922_00000783111_00231_51969_7811.N1	SS1	H/H	111	51969	231	5.04
ASA_GM1_1PNPDE20120205_224618_000001813111_00231_51969_7814.N1	SS1	H/H	111	51969	231	5.04
ASA_GM1_1PNPDE20120205_231534_000001083111_00231_51969_7819.N1	SS1	H/H	111	51969	231	5.04
ASA_GM1_1PNPDE20120205_231813_000001503111_00231_51969_7817.N1	SS1	H/H	111	51969	231	5.04
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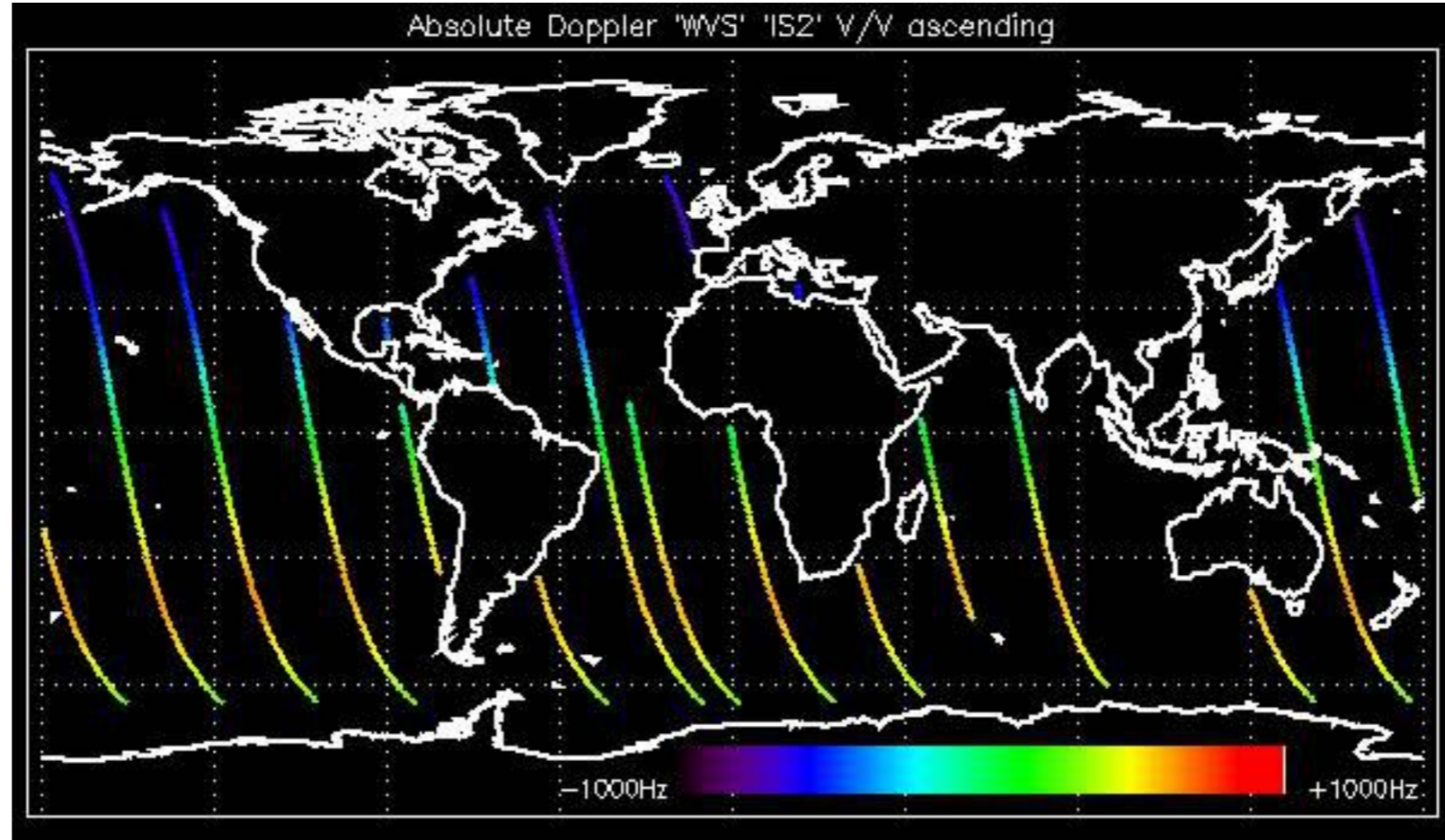
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_IMM_1PNPDE20120205_025437_000003493111_00219_51957_7430.N1						IS6	H/H	111	51957	219	5.04
ASA_IMM_1PNPDE20120205_034300_000001583111_00219_51957_7463.N1						IS6	H/H	111	51957	219	5.04
ASA_IMM_1PNPDE20120205_054417_000000513111_00221_51959_7514.N1						IS1	V/V	111	51959	221	5.04
ASA_IMM_1PNPDK20120205_060439_000002363111_00221_51959_7725.N1						IS6	H/H	111	51959	221	5.04
ASA_IMM_1PNPDE20120205_061311_000002723111_00221_51959_7518.N1						IS6	H/H	111	51959	221	5.04
ASA_IMM_1PNPDE20120205_080333_000002713111_00222_51960_7615.N1						IS2	V/V	111	51960	222	5.04
ASA_IMM_1PNPDE20120205_094339_000001563111_00223_51961_7649.N1						IS2	V/V	111	51961	223	5.04
ASA_IMM_1PNPDE20120205_175351_000002783111_00228_51966_7758.N1						IS6	H/H	111	51966	228	5.04
ASA_IMM_1PNPDE20120205_190746_000000523111_00229_51967_7764.N1						IS6	H/H	111	51967	229	5.04
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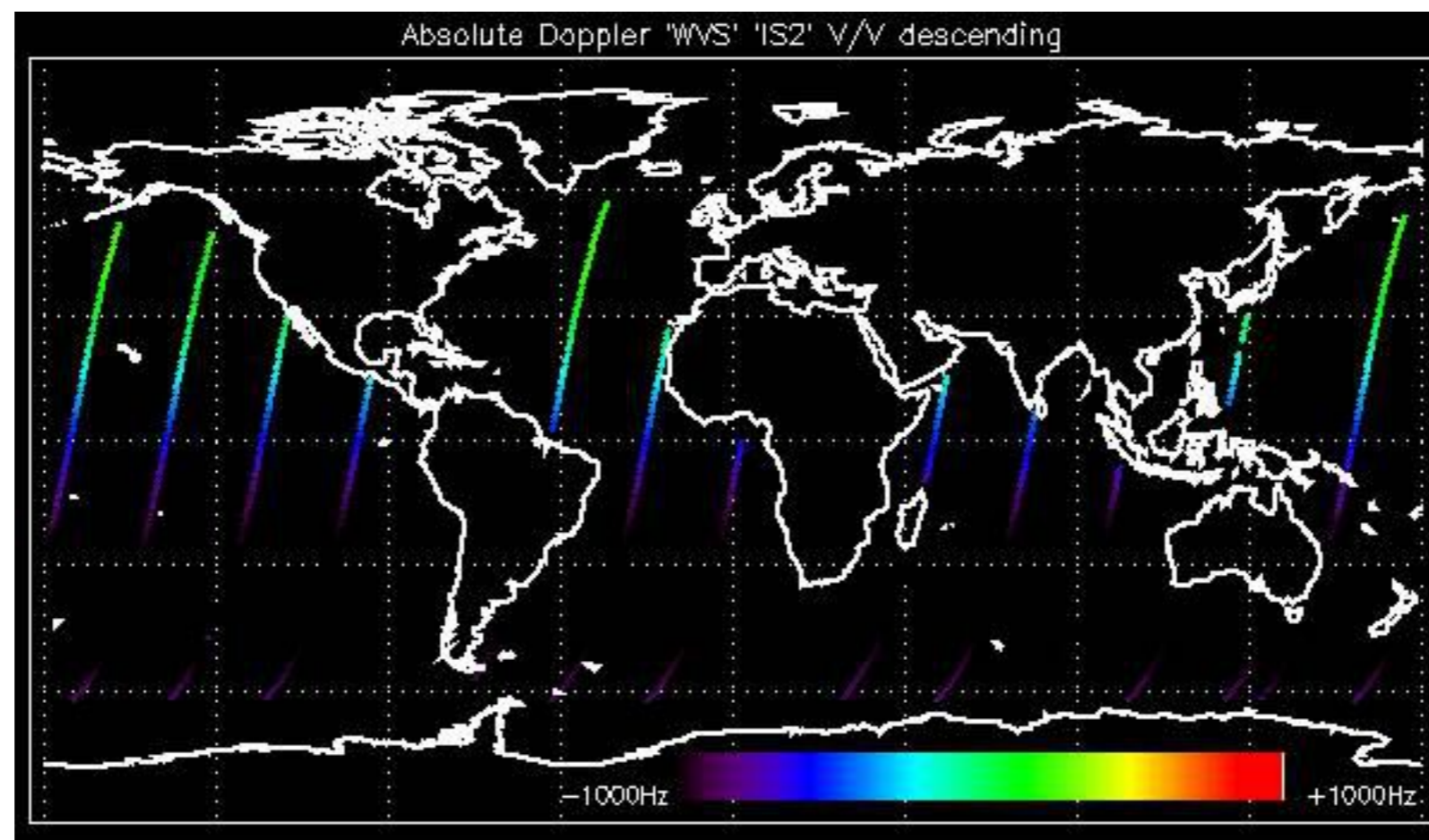
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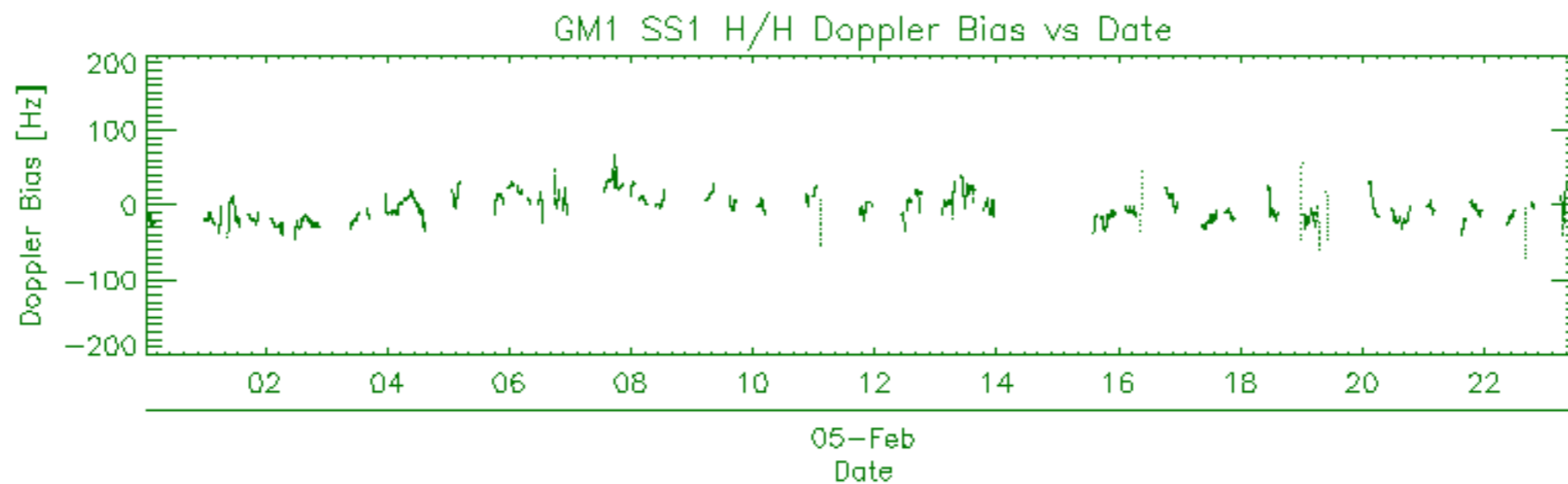
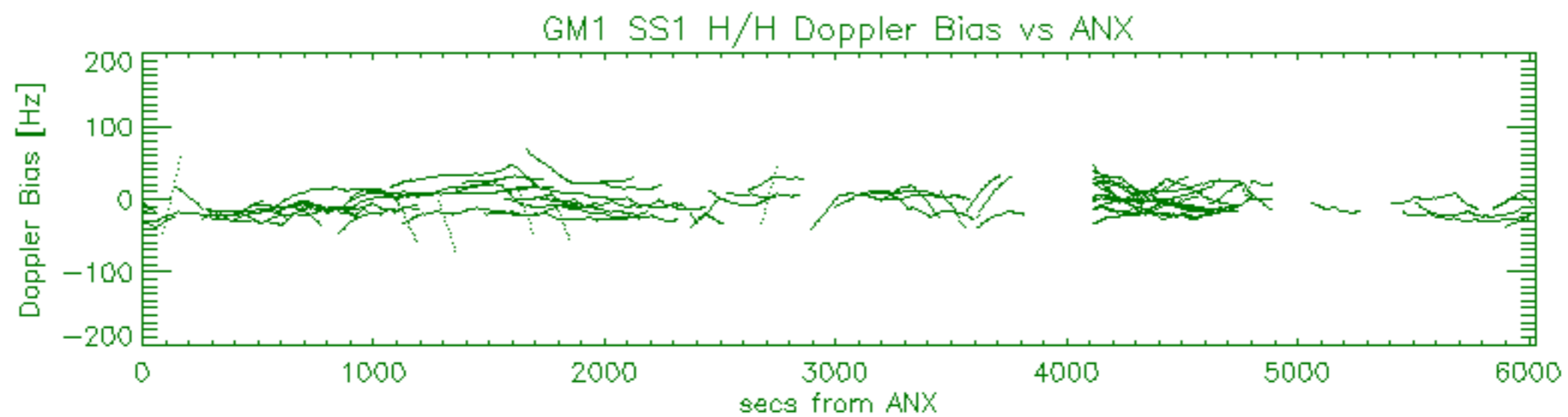
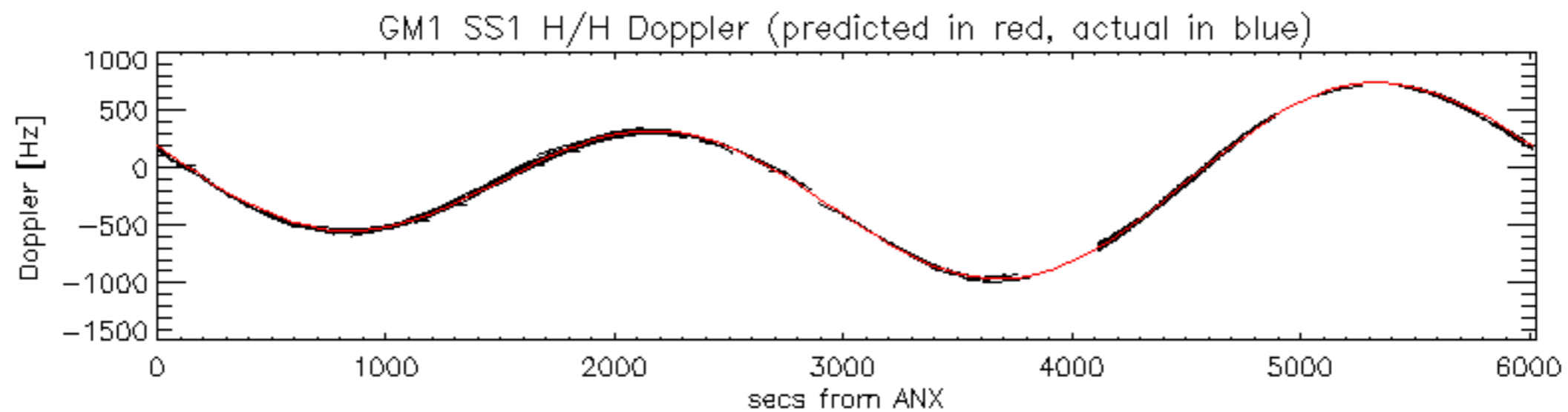
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7394.N1						IS2	V/V	111	51955	217	5.04
ASA_WVS_1PNPDE20120205_001612_000004353111_00217_51955_7396.N1						IS2	V/V	111	51955	217	5.04
ASA_WVS_1PNPDE20120205_002242_000016193111_00217_51955_7415.N1						IS2	V/V	111	51955	217	5.04
ASA_WVS_1PNPDE20120205_011638_000003513111_00218_51956_7418.N1						IS2	V/V	111	51956	218	5.04
ASA_WVS_1PNPDE20120205_013504_000004653111_00218_51956_7420.N1						IS2	V/V	111	51956	218	5.04
ASA_WVS_1PNPDE20120205_015626_000002403111_00218_51956_7427.N1						IS2	V/V	111	51956	218	5.04
ASA_WVS_1PNPDE20120205_015941_000003303111_00218_51956_7433.N1						IS2	V/V	111	51956	218	5.04
ASA_WVS_1PNPDE20120205_021745_000004493111_00219_51957_7441.N1						IS2	V/V	111	51957	219	5.04
ASA_WVS_1PNPDE20120205_030707_000004653111_00219_51957_7437.N1						IS2	V/V	111	51957	219	5.04
ASA_WVS_1PNPDE20120205_031422_000003303111_00219_51957_7504.N1						IS2	V/V	111	51957	219	5.04
ASA_WVS_1PNPDE20120205_030707_000004653111_00219_51957_7437.N1						IS1	V/V	111	51957	219	5.04
ASA_WVS_1PNPDE20120205_034545_000006743111_00219_51957_7475.N1						IS2	V/V	111	51957	219	5.04
ASA_WVS_1PNPDE20120205_040134_000000743111_00220_51958_7478.N1						IS2	V/V	111	51958	220	5.04
ASA_WVS_1PNPDE20120205_044339_000007793111_00220_51958_7480.N1						IS2	V/V	111	51958	220	5.04
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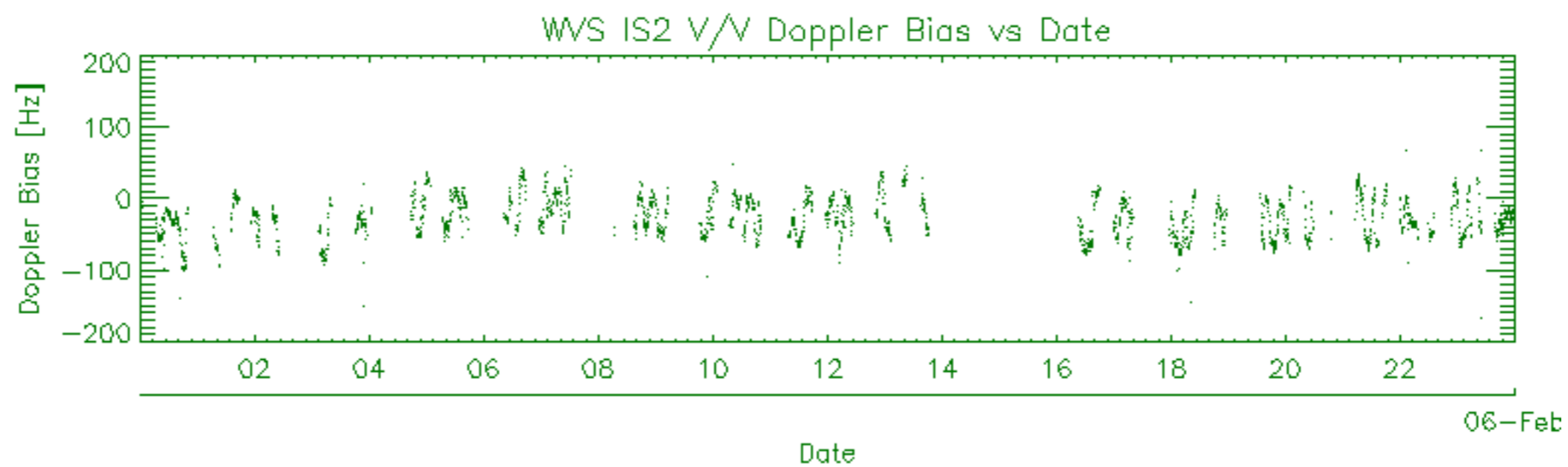
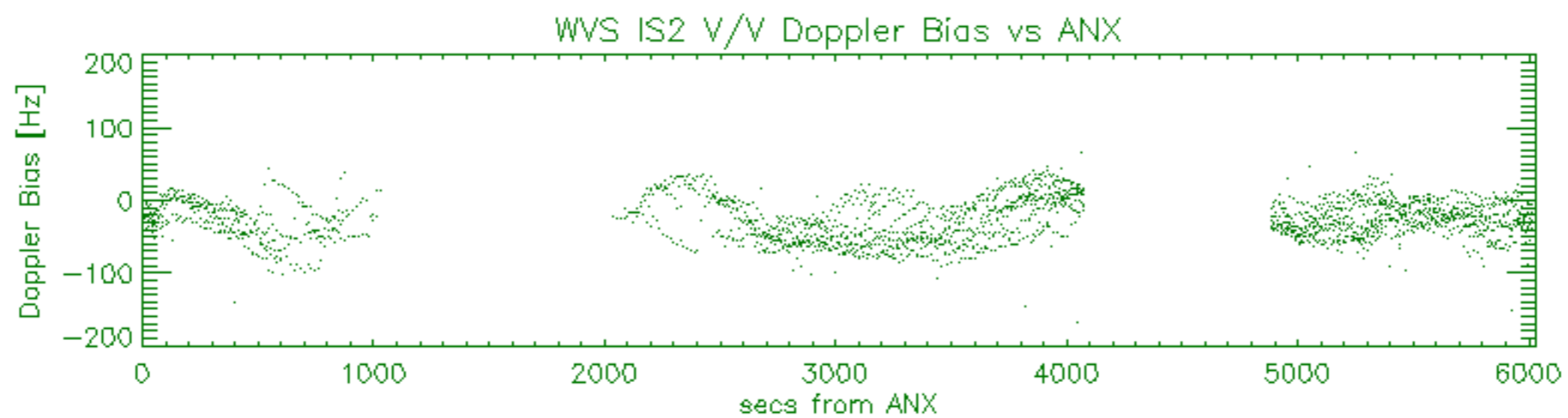
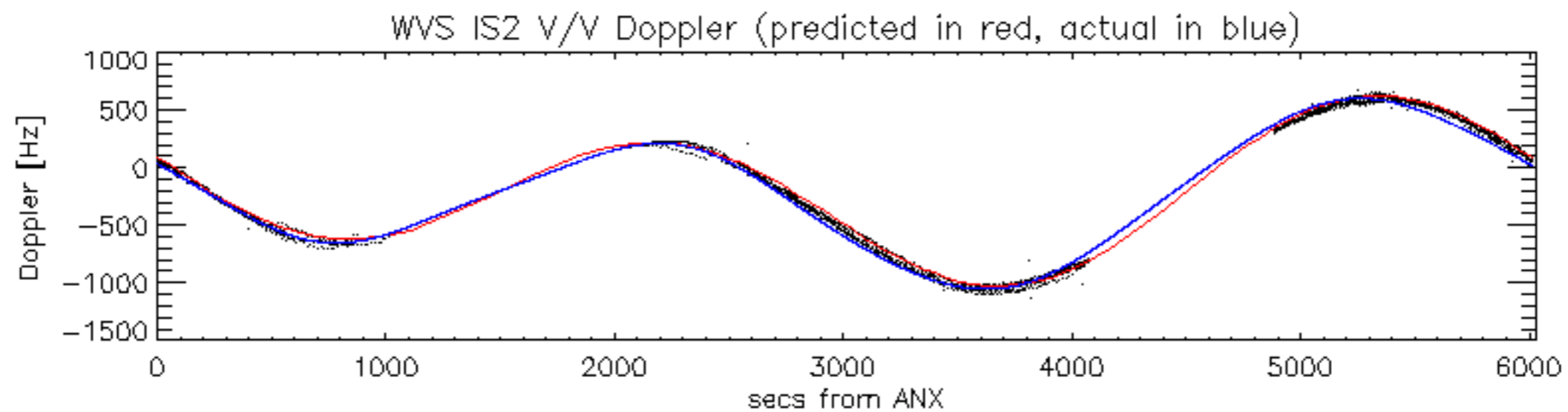


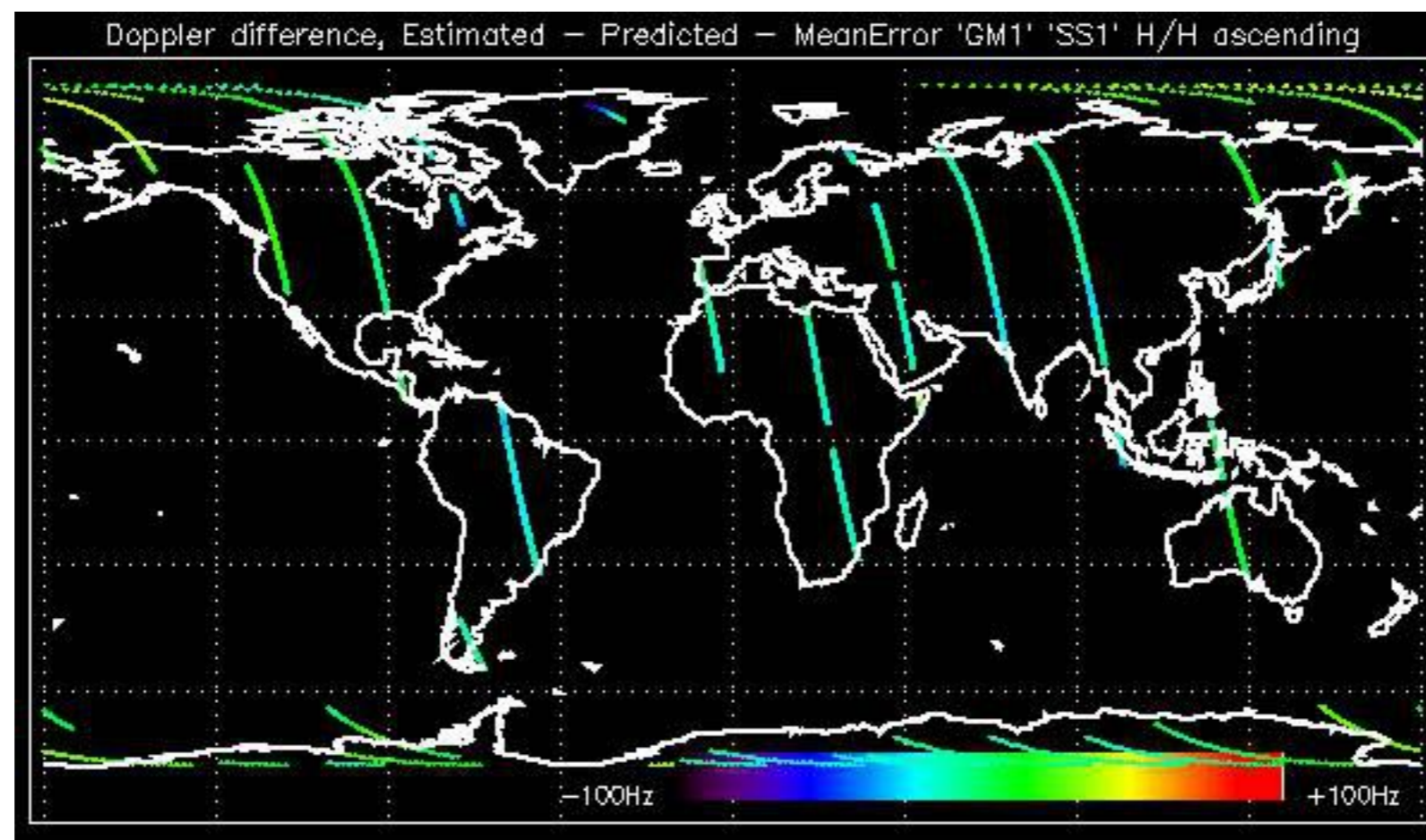


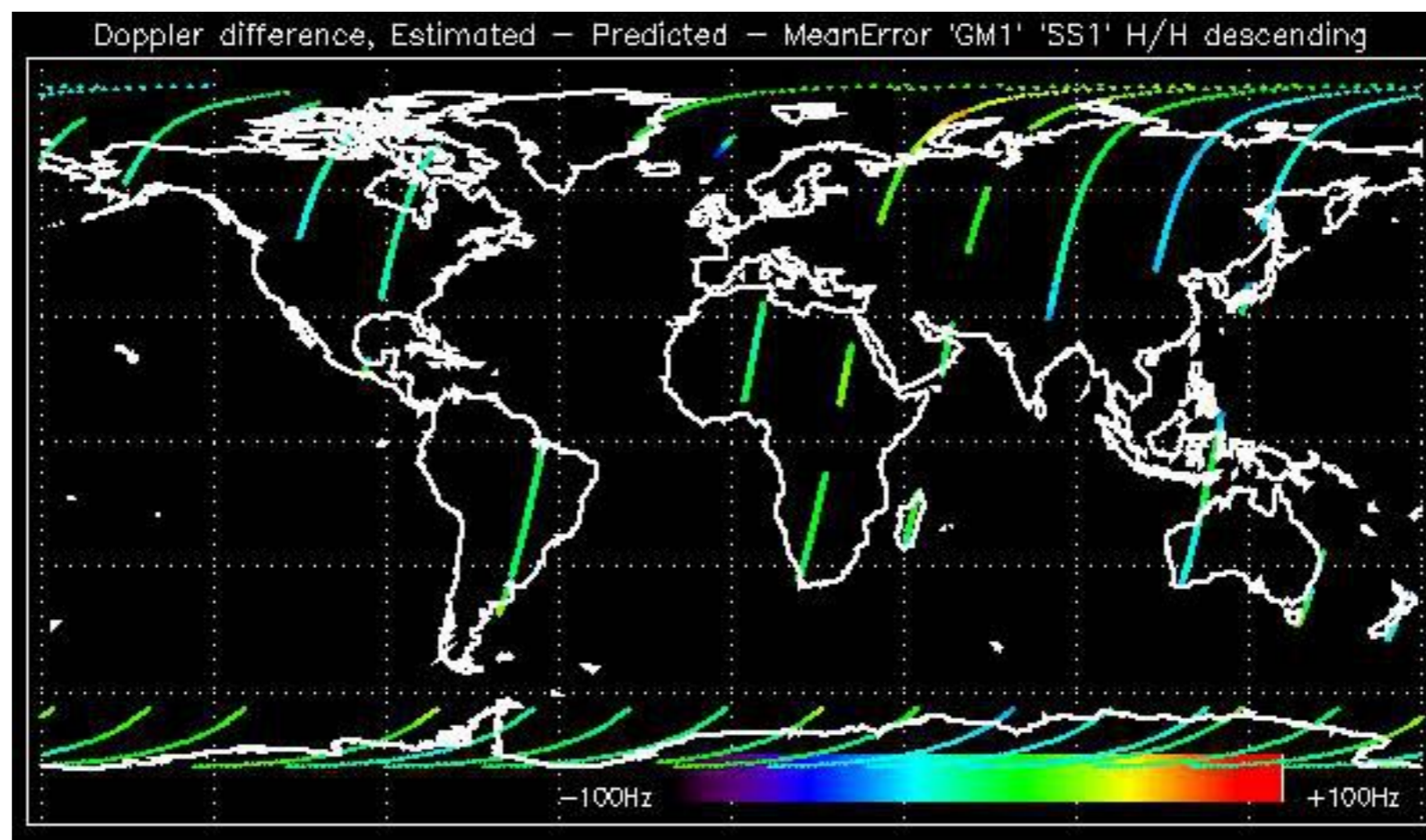


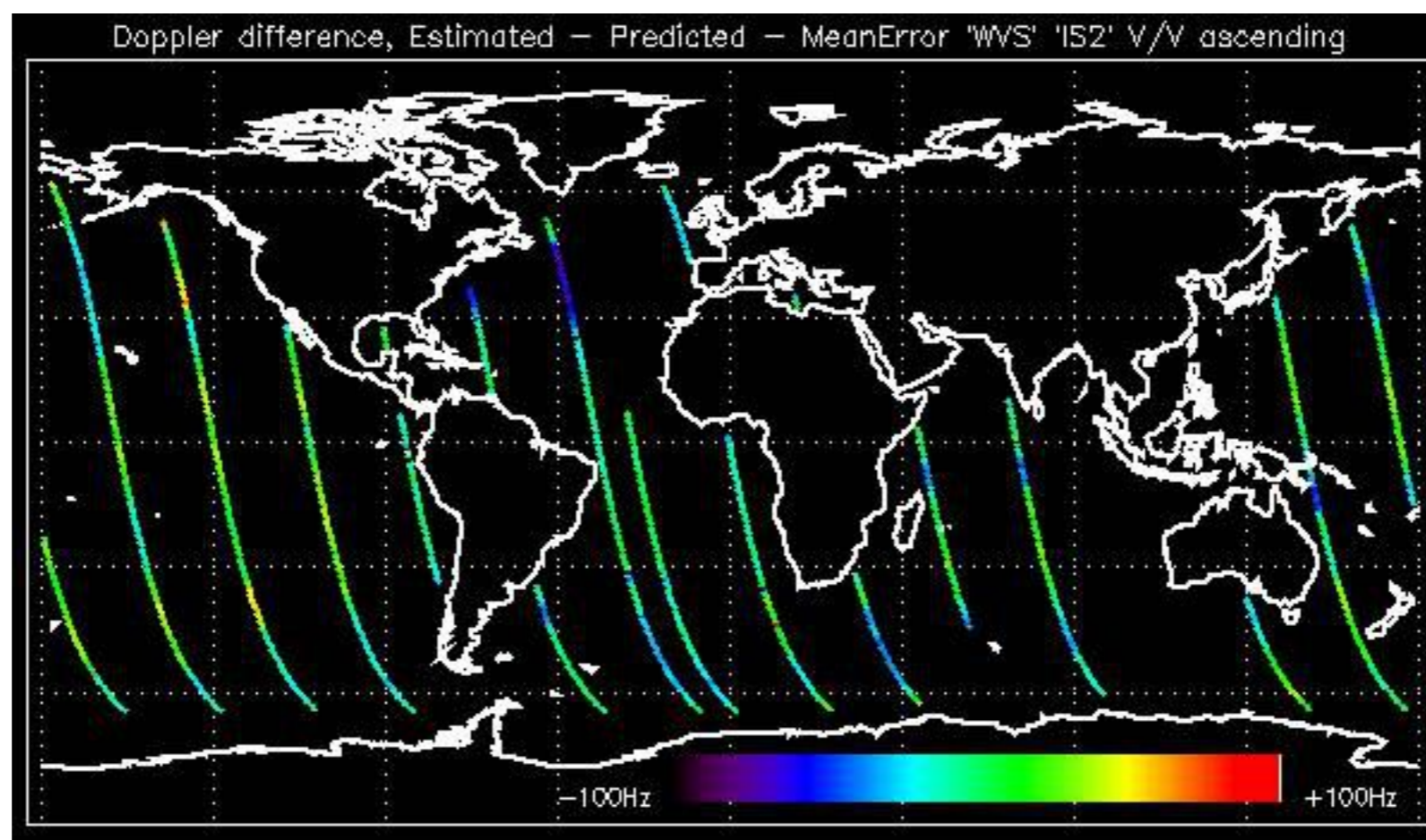


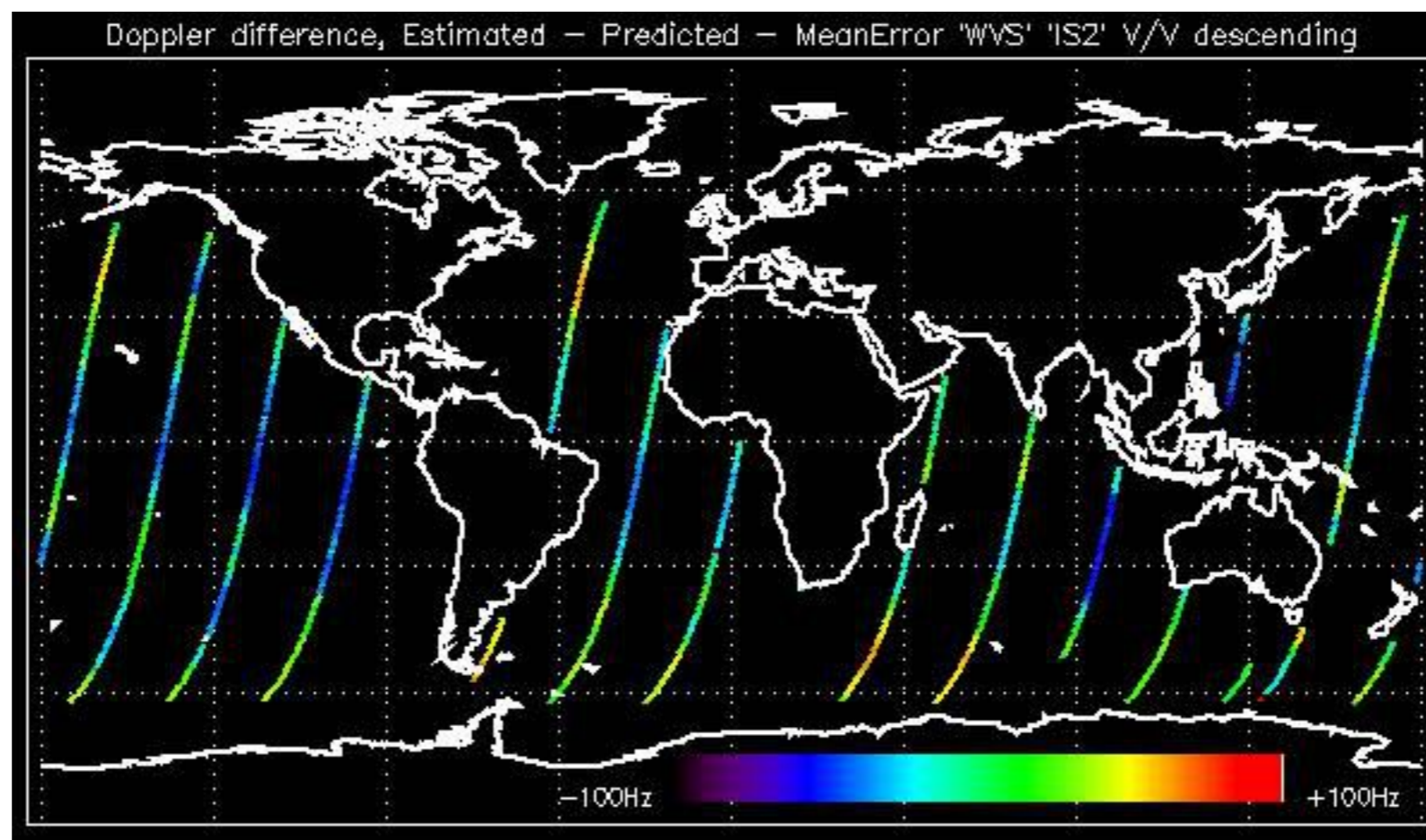


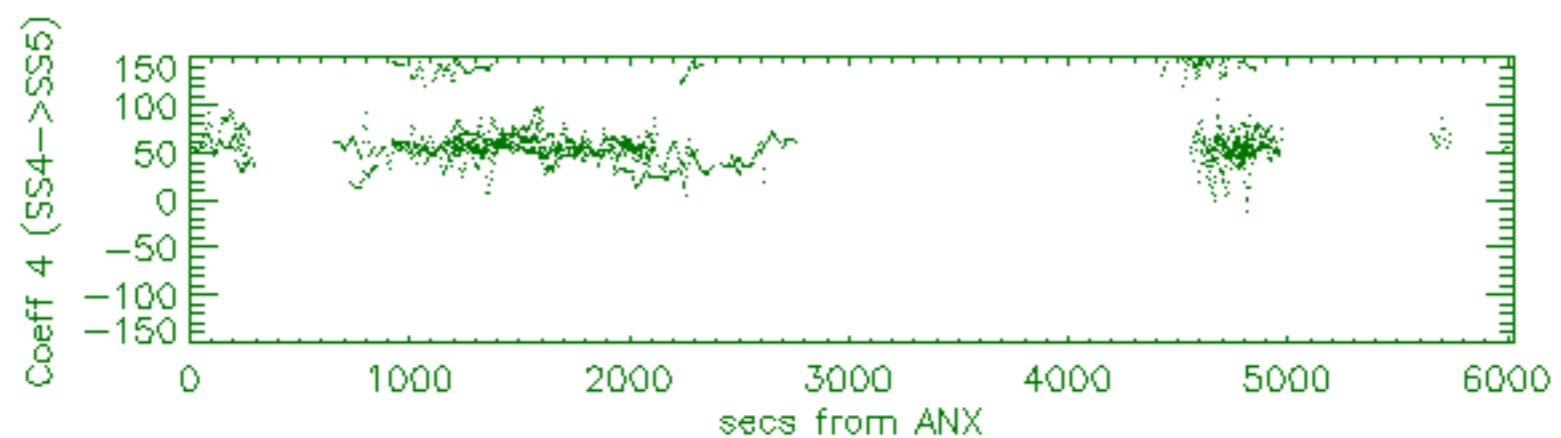
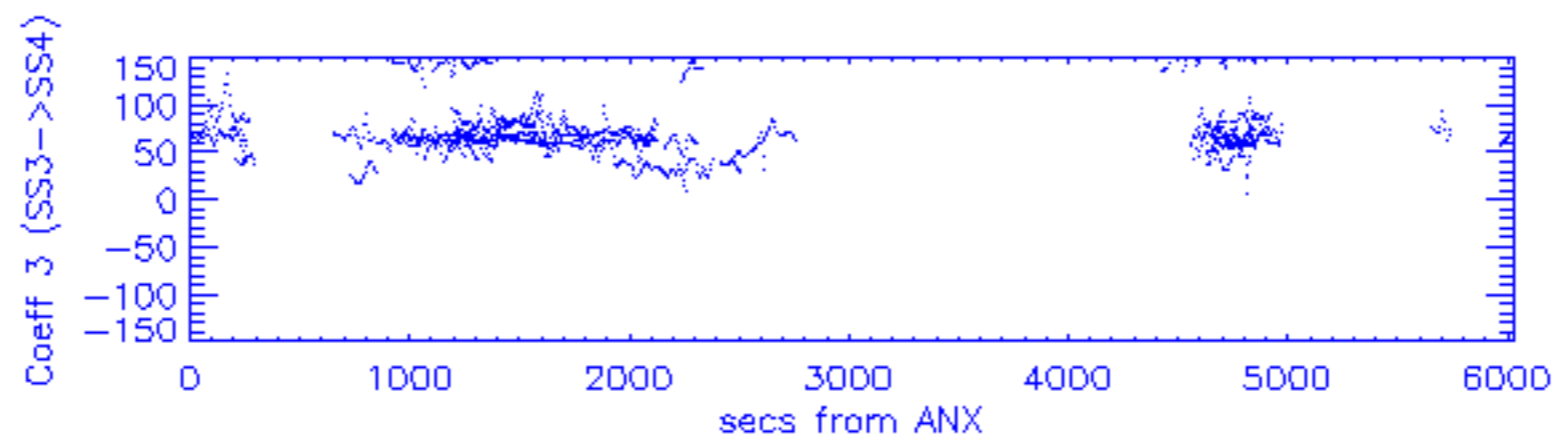
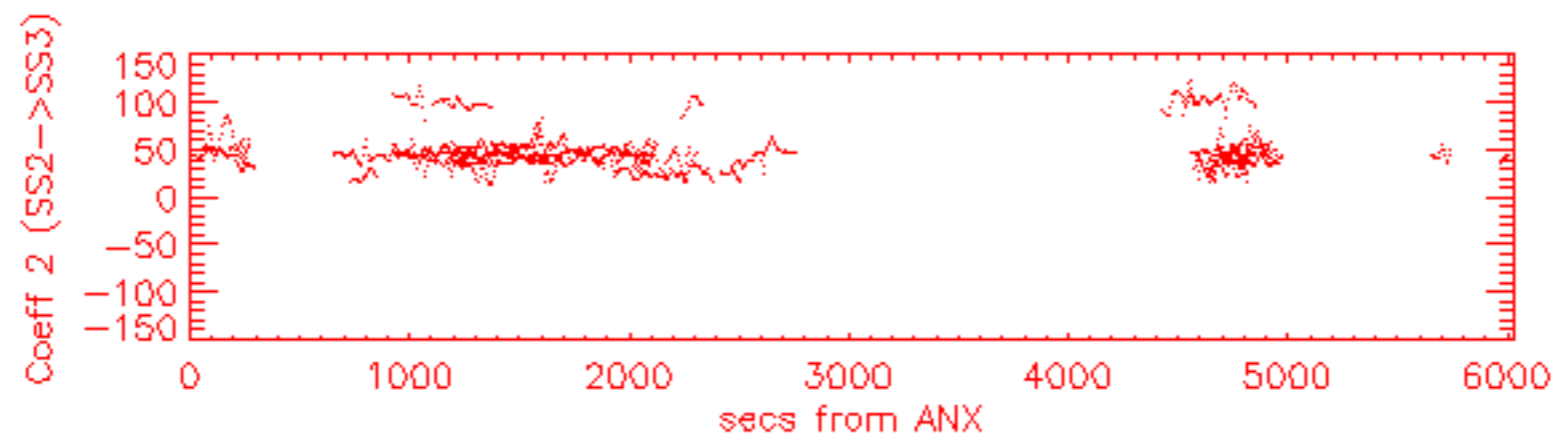
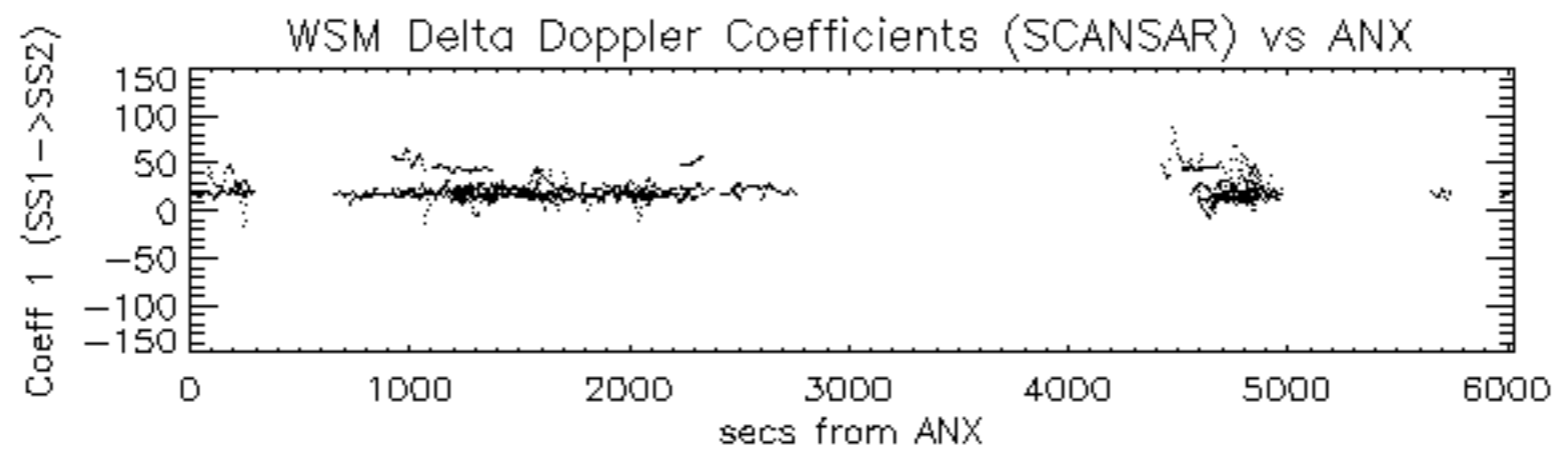


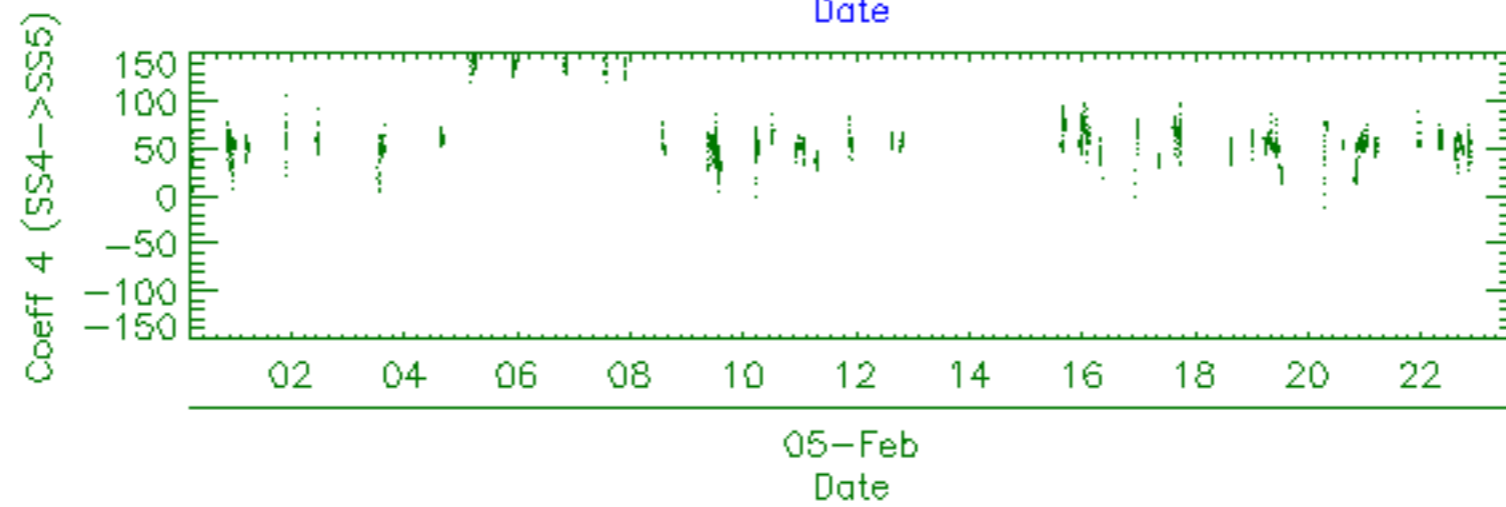
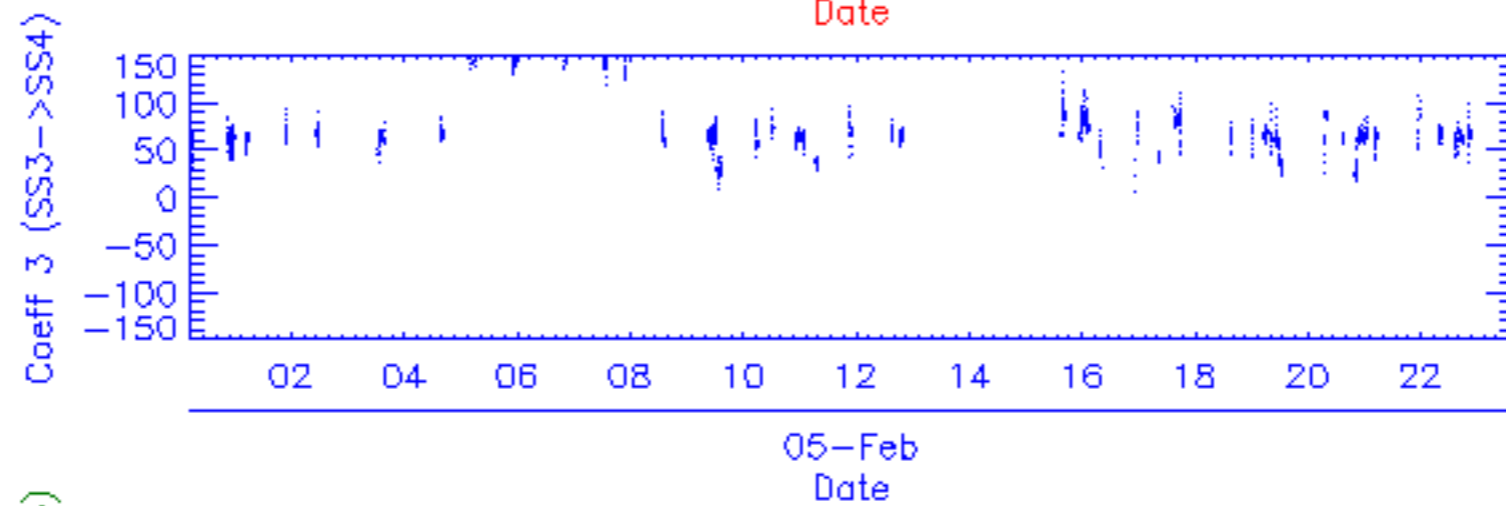
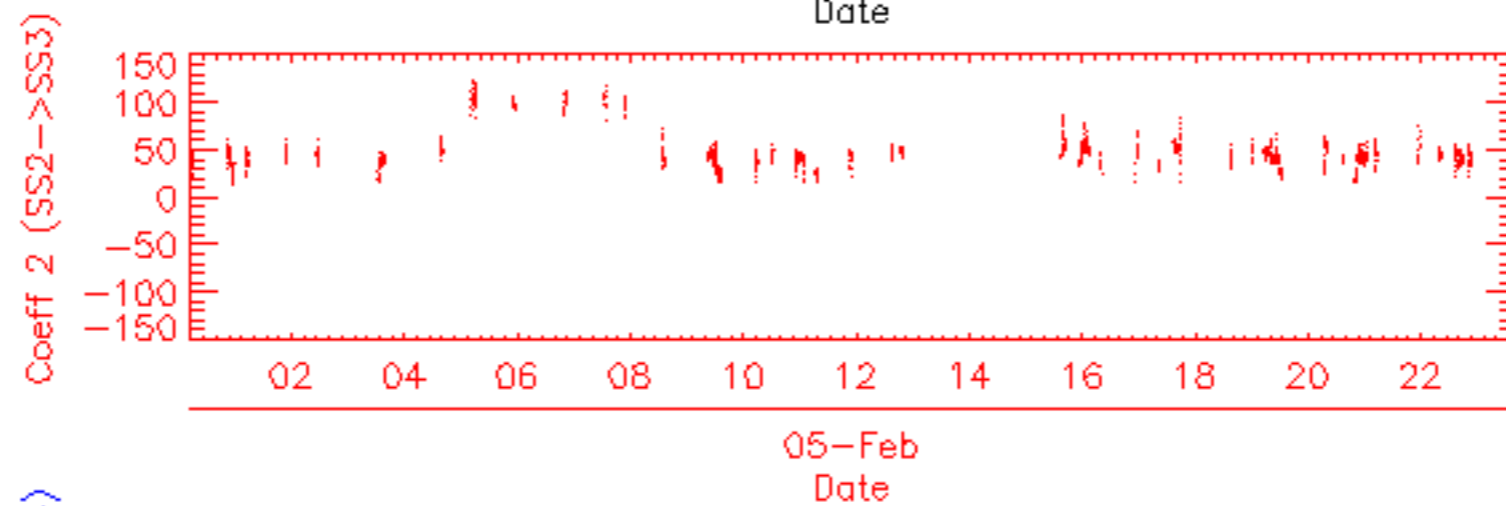
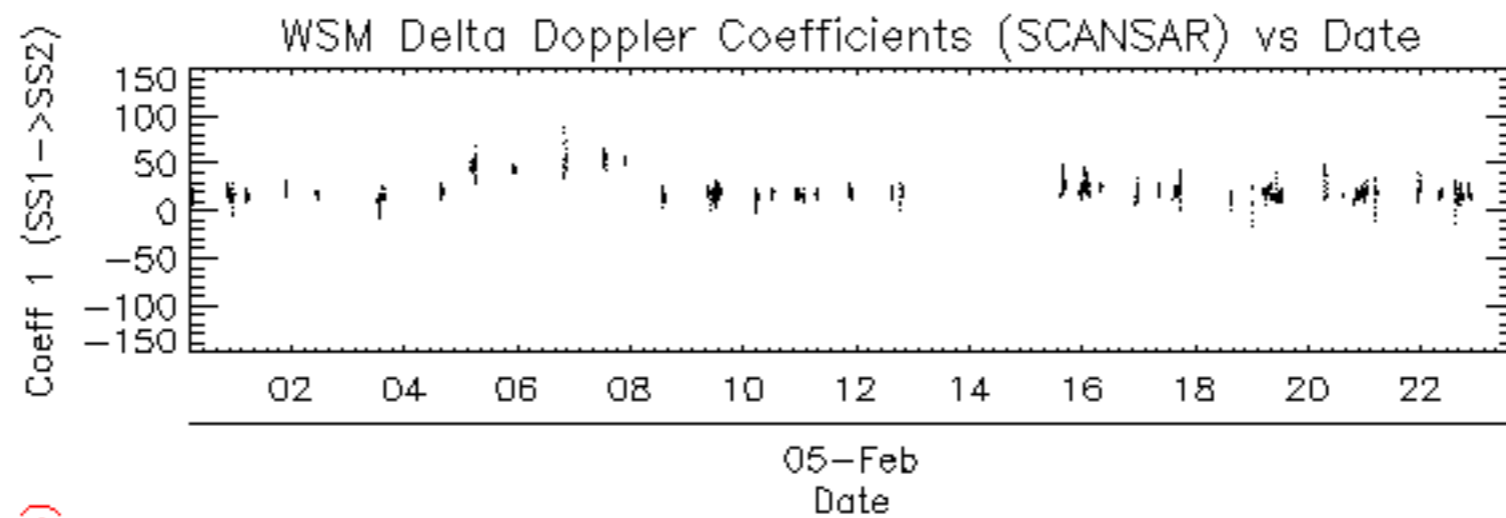


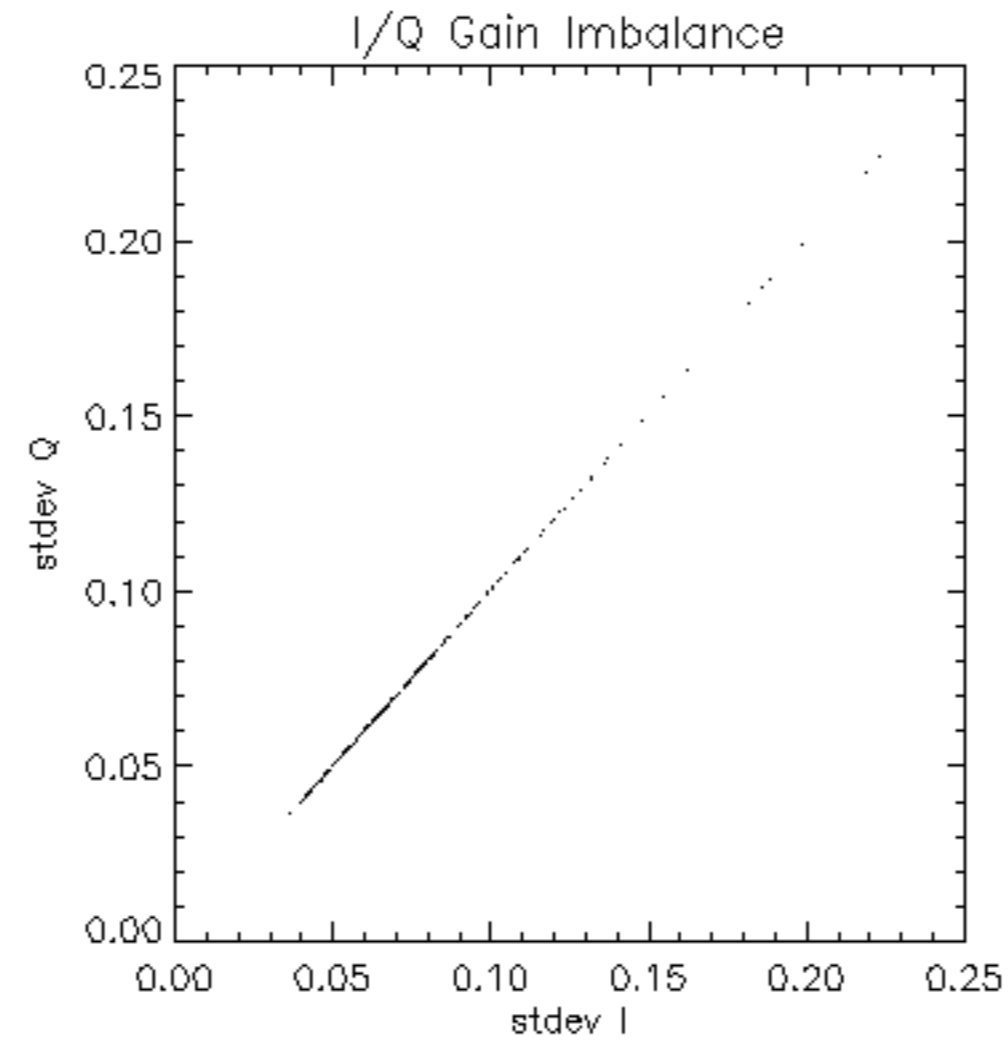


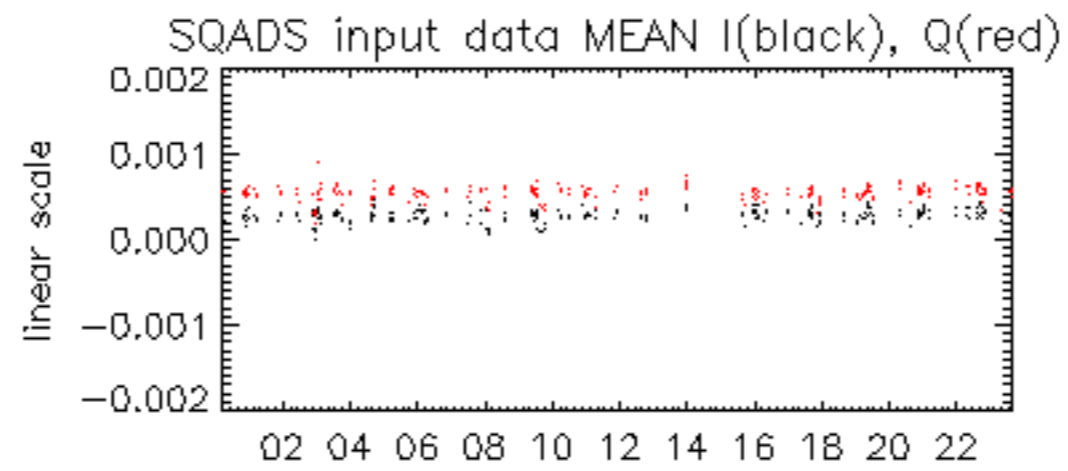




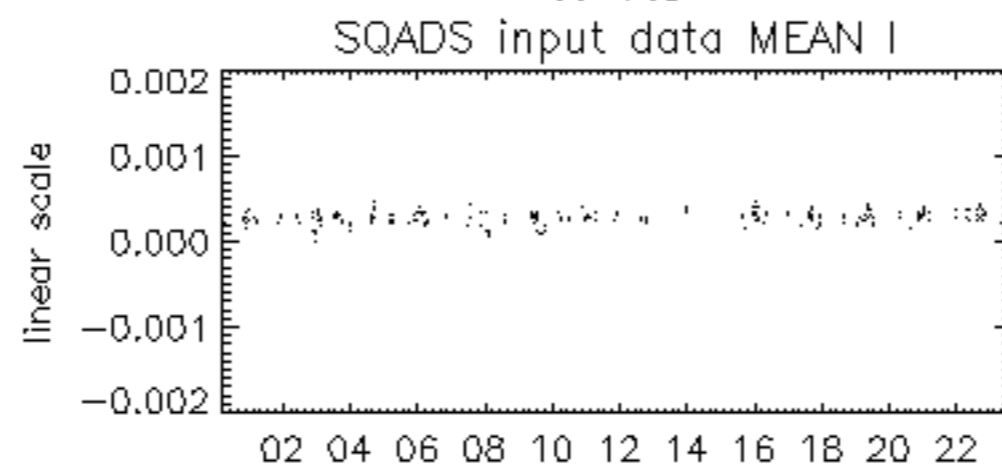




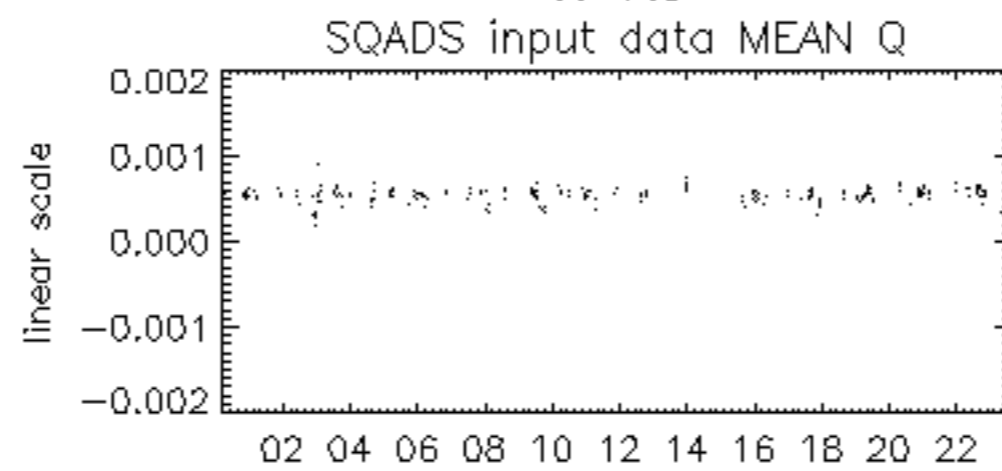




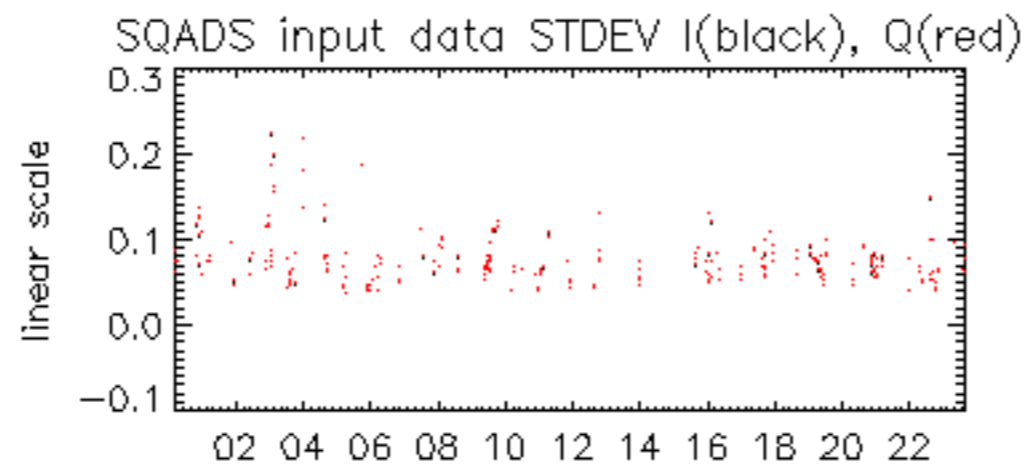
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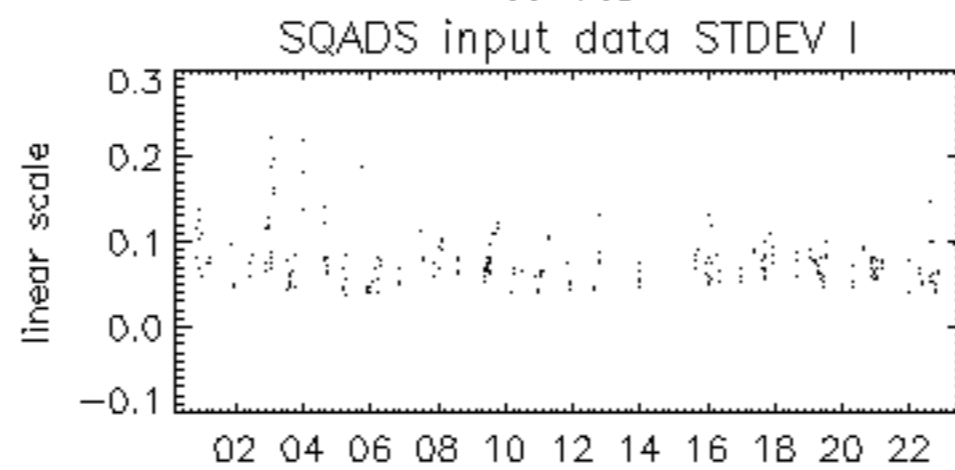
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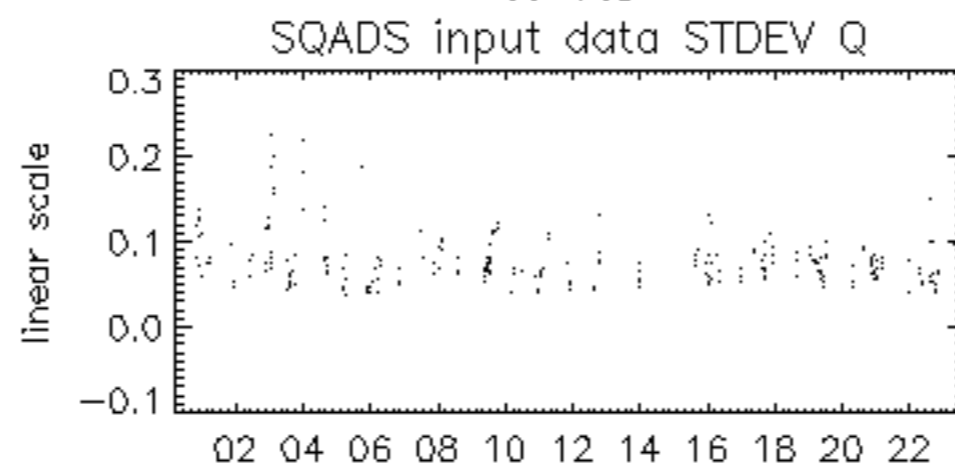
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