



Analysis from 28-JAN-2012 00:00:00 to 28-JAN-2012 23:59:59. Page generated on 29-JAN-2012 06:31:47.
View log file: ASAR_Daily_Report_20120129_0631.log. For any anomalies please contact emma.hatton@vegaspace.com, kajal.haria@vegaspace.com.

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

SUMMARY

1. DATA SUMMARY
 - 1.1 Summary tables
 - 1.2 Lists of products used
2. AUXILIARY FILES ANALYSIS
 - 2.1 IECF operational ADFs list
 - 2.2 Products with wrong ADFs
3. MODULE STEPPING PRODUCTS ANALYSIS
 - 3.1 V/V polarisation
 - 3.2 H/H polarisation
4. CALIBRATION PULSES ANALYSIS
 - 4.1 Analysis for WVS IS2 V/V
 - 4.1.1 Temporal Evolution Analysis for WVS IS2 V/V
 - 4.1.2 All Rows Analysis for WVS IS2 V/V
 - 4.2 Analysis for GM1 SS3 H/H
 - 4.2.1 Temporal Evolution Analysis for GM1 SS3 H/H
 - 4.2.2 All Rows Analysis for GM1 SS3 H/H
5. DOPPLER ANALYSIS
 - 5.1 Analysis for WVS IS2 V/V
 - 5.1.1 Doppler MAP Analysis for WVS IS2 V/V
 - 5.1.2 Doppler ANX Analysis for WVS IS2 V/V
 - 5.2 Analysis for GM1 SS1 H/H
 - 5.2.1 Doppler MAP Analysis for GM1 SS1 H/H
 - 5.2.2 Doppler ANX Analysis for GM1 SS1 H/H
 - 5.3 Doppler JUMPS Analysis for WSM
6. CHIRP ANALYSIS
 - 6.1 Analysis for WSM SS1 H/H
 - 6.1.1 ScaleFactor
 - 6.2 Analysis for WSM SS1 V/V
 - 6.2.1 ScaleFactor
7. RAW DATA ANALYSIS
 - 7.1 Analysis for WVS
 - 7.2 Analysis for IMM
8. TELEMETRY ANALYSIS
 - 8.1 Number of Missing Lines
 - 8.2 Number of Gaps

1 - DATA SUMMARY

1.1 - Summary tables

[[BACK TO MENU](#)]

WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	1	PDE	WS	H/H	29	PDE	IS1	V/H	2	PDE	IS1	H/H	1	PDE	WS	H/H	27	PDK	2012-01-28 18:17:40	H	320
PDE	IS2	V/V	28	PDK	WS	H/H	49	PDE	IS2	H/V	1	PDE	IS2	V/V	3	PDE	WS	V/V	6	PDK	2012-01-28 19:57:54	V	320
PDK	IS2	V/V	22					PDE	IS4	H/V	1	PDE	IS4	H/H	1	PDK	WS	H/H	16				
								PDE	IS5	H/H	1	PDE	IS5	V/V	1	PDK	WS	V/V	1				
								PDE	IS6	H/H	1	PDE	IS6	H/H	7								
								PDK	IS2	H/H	1	PDE	IS7	H/H	1								
												PDK	IS2	H/H	1								
												PDK	IS3	V/V	1								
												PDK	IS4	H/H	1								
												PDK	IS6	H/H	3								

1.2 - Lists of products used

[[BACK TO MENU](#)]

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

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[[BACK TO MENU](#)]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20110526_075001_20101027_215740_20141231_000000
ASA_INS_AXVIEC20110124_114858_20101228_112000_20141231_235959
ASA_XCH_AXVIEC20101222_143057_20020301_000000_20141231_000000
ASA_XCA_AXVIEC20120126_110323_20110607_000000_20141231_000000

2.2 - Products with wrong ADFs

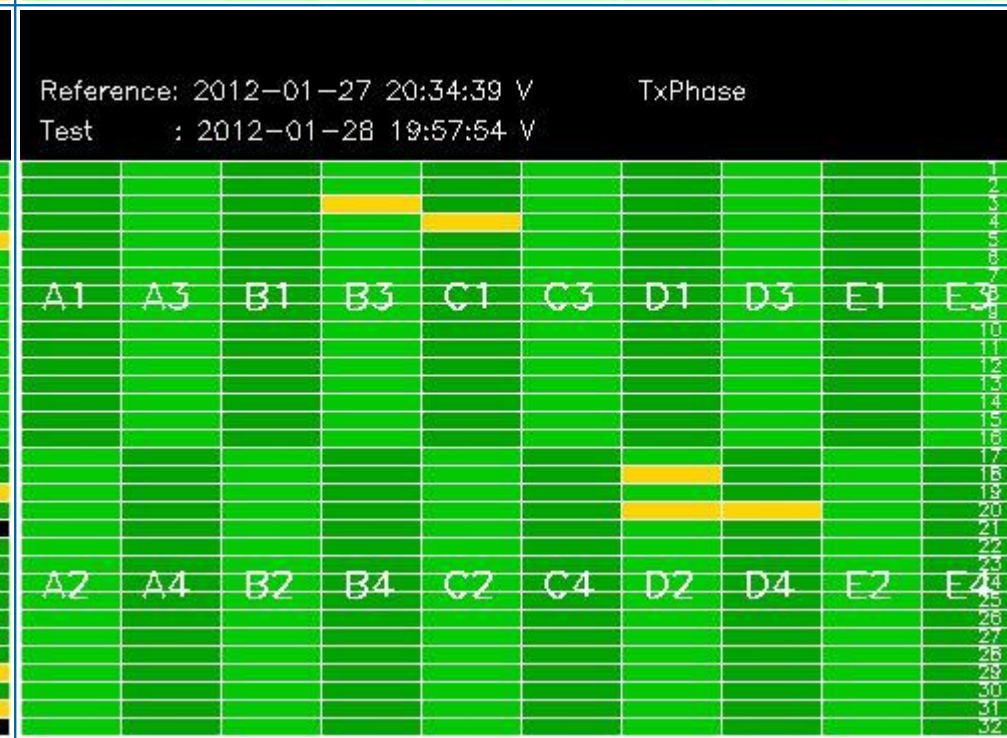
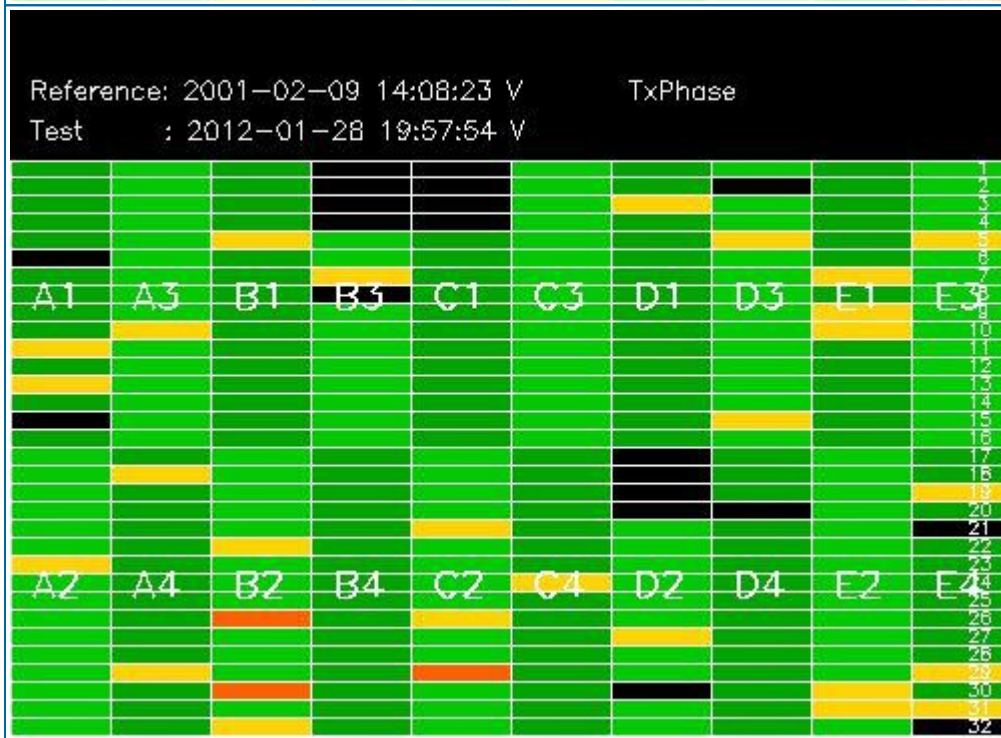
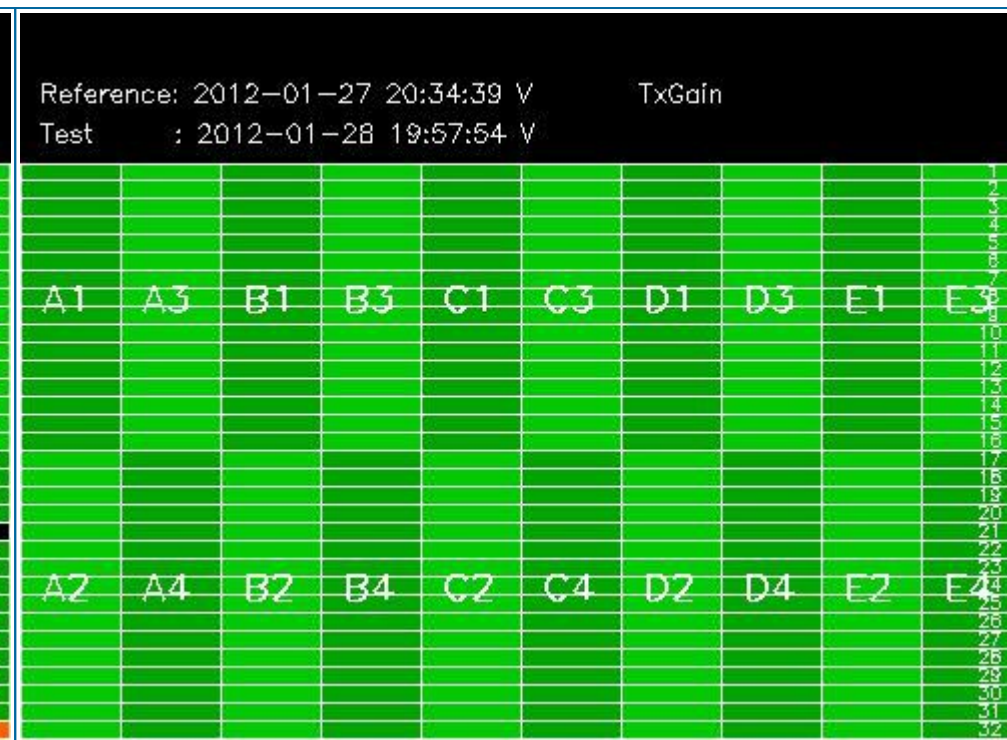
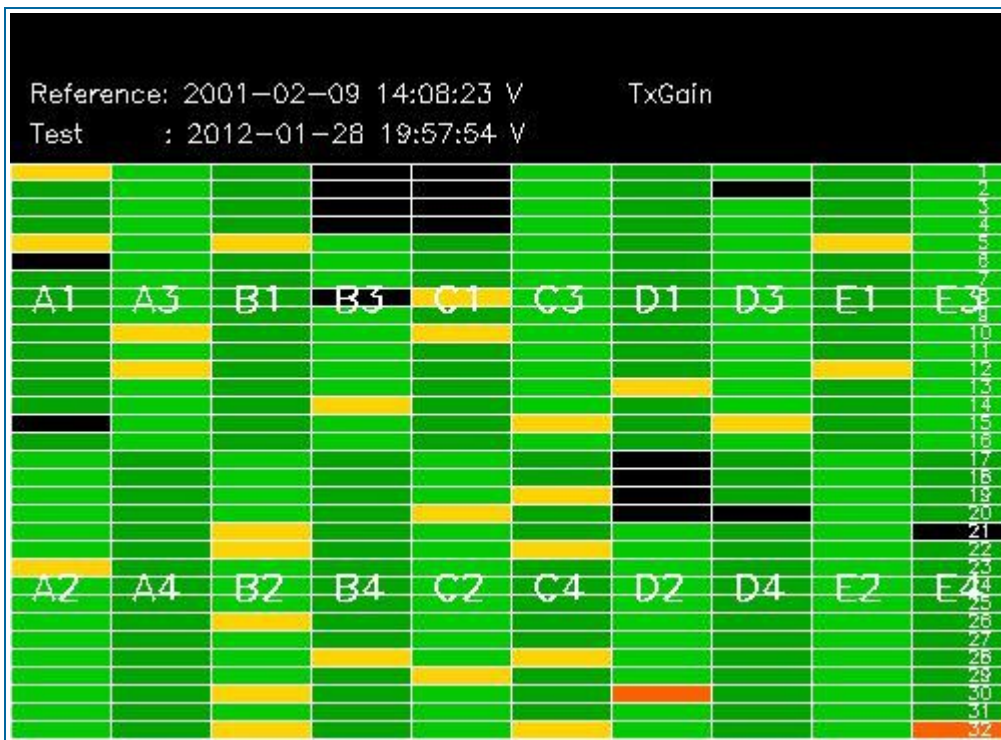
[[BACK TO MENU](#)]

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

[[TXT](#)] [[XLS](#)] [Check_ADFs_WVS](#)

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 : 2012-01-28 19:57:54 V										Reference: 2012-01-27 20:34:39 V Test : 2012-01-28 19:57:54 V									
RxGain										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
RxPhase										RxPhase									
Reference: 2001-02-09 14:08:23 V Test : 2012-01-28 19:57:54 V										Reference: 2012-01-27 20:34:39 V Test : 2012-01-28 19:57:54 V									
A1	A3	B1	B3	C1	C3	D1	D3	E1	E3	A1	A3	B1	B3	C1	C3	D1	D3	E1	E3
A2	A4	B2	B4	C2	C4	D2	D4	E2	E4	A2	A4	B2	B4	C2	C4	D2	D4	E2	E4



3.2 - H/H polarisation

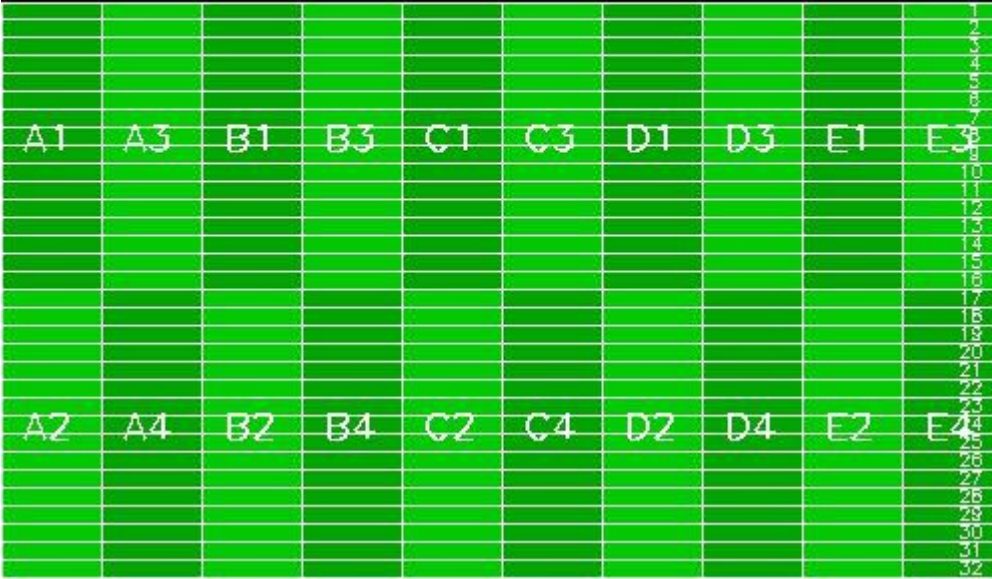
[[BACK TO MENU](#)]

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

Reference: 2001-02-09 13:50:42 H RxGain
 Test : 2012-01-28 18:17:40 H



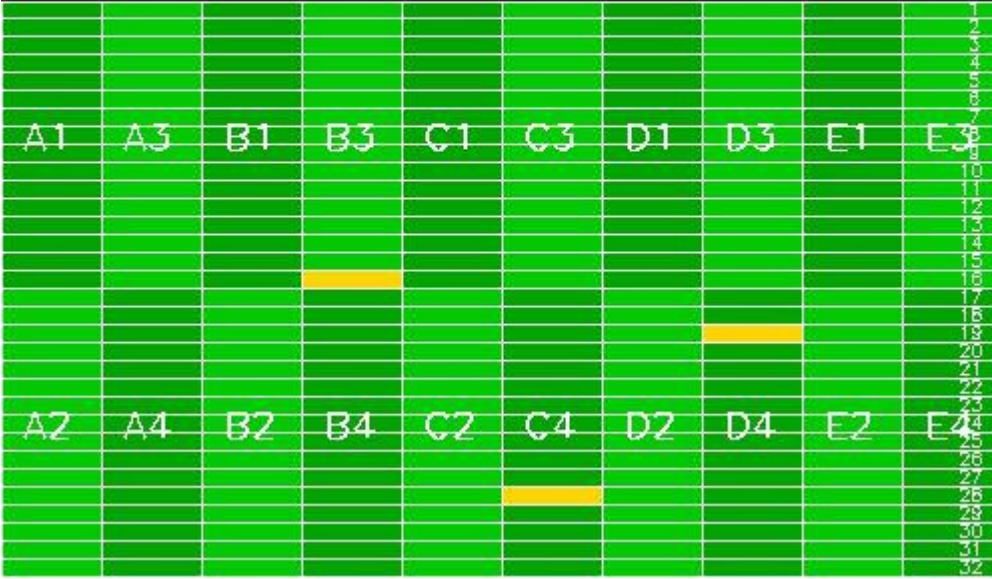
Reference: 2012-01-27 18:54:25 H RxGain
 Test : 2012-01-28 18:17:40 H

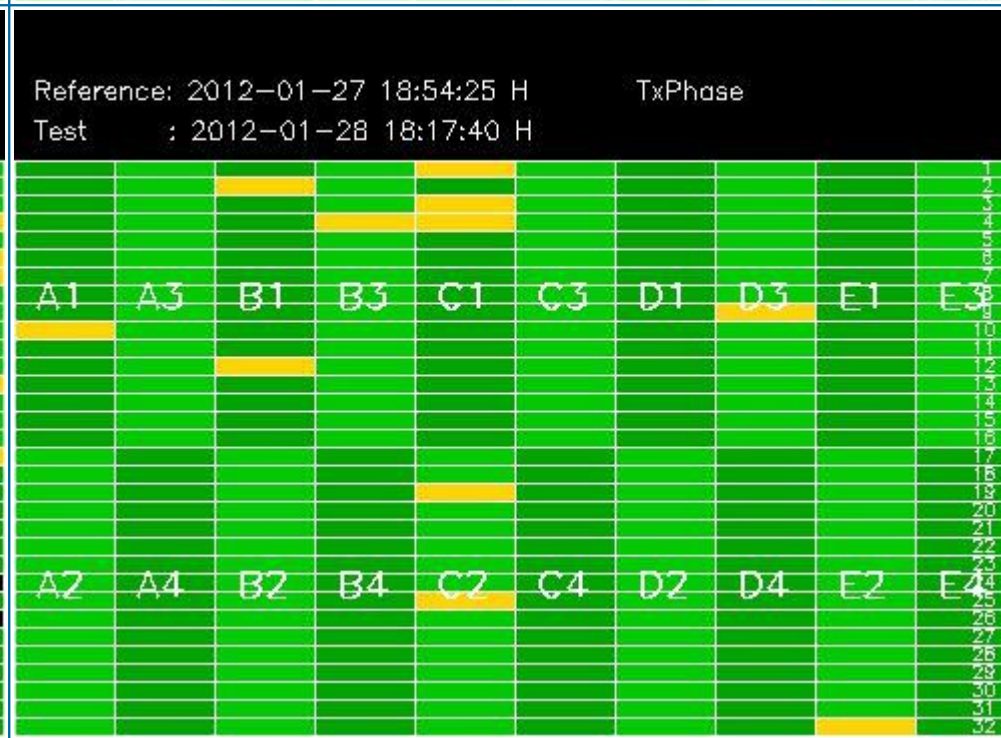
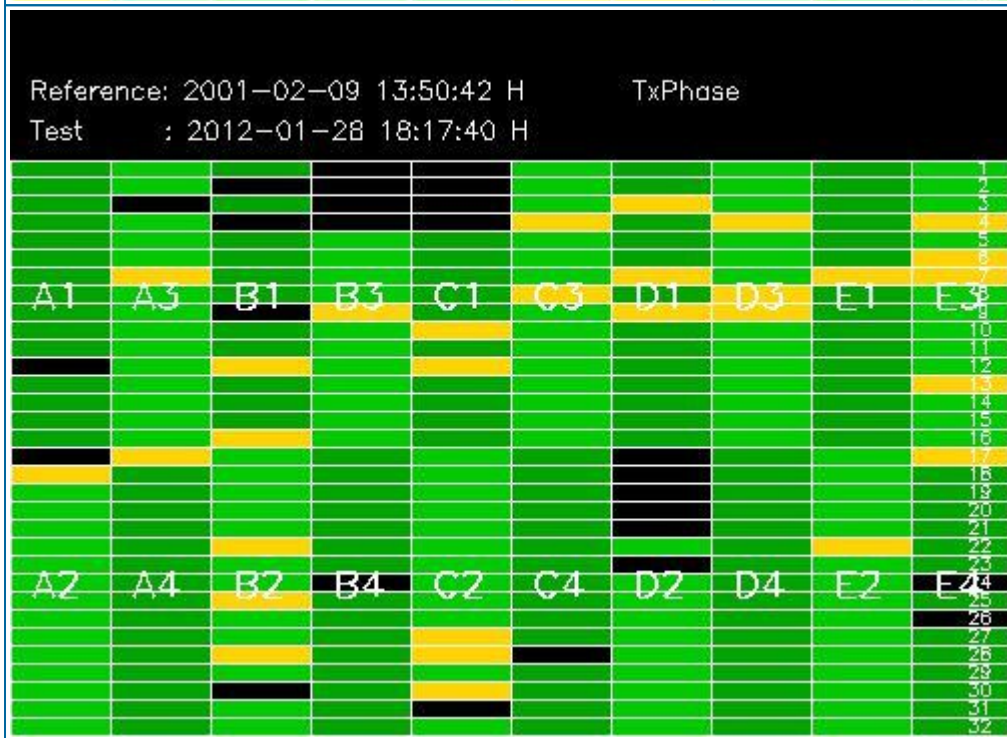
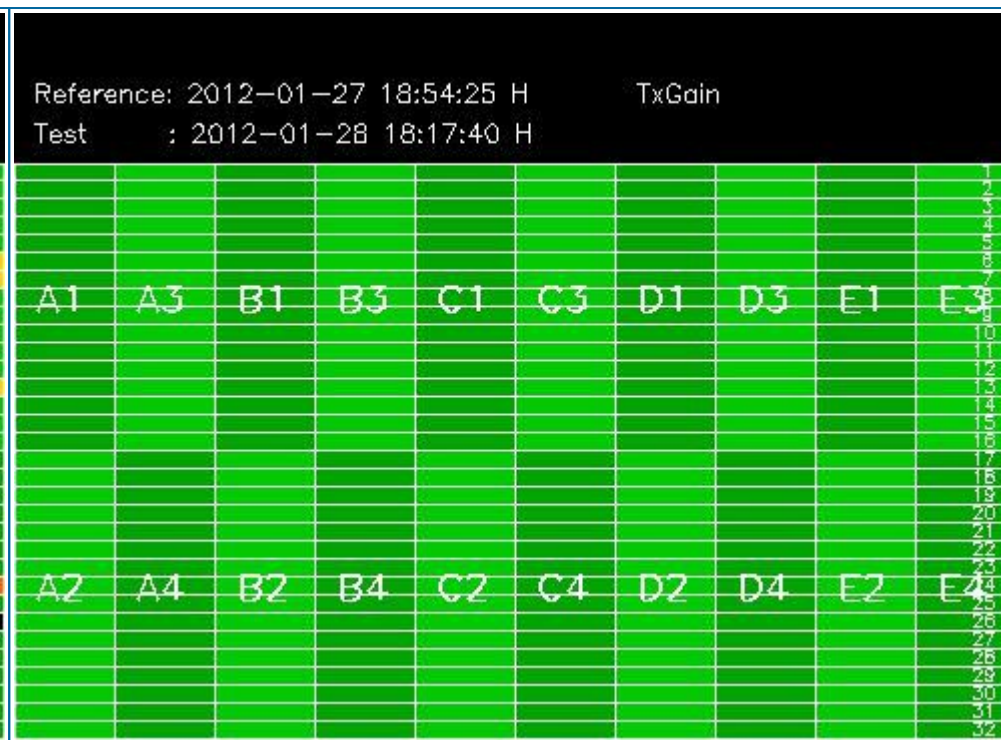
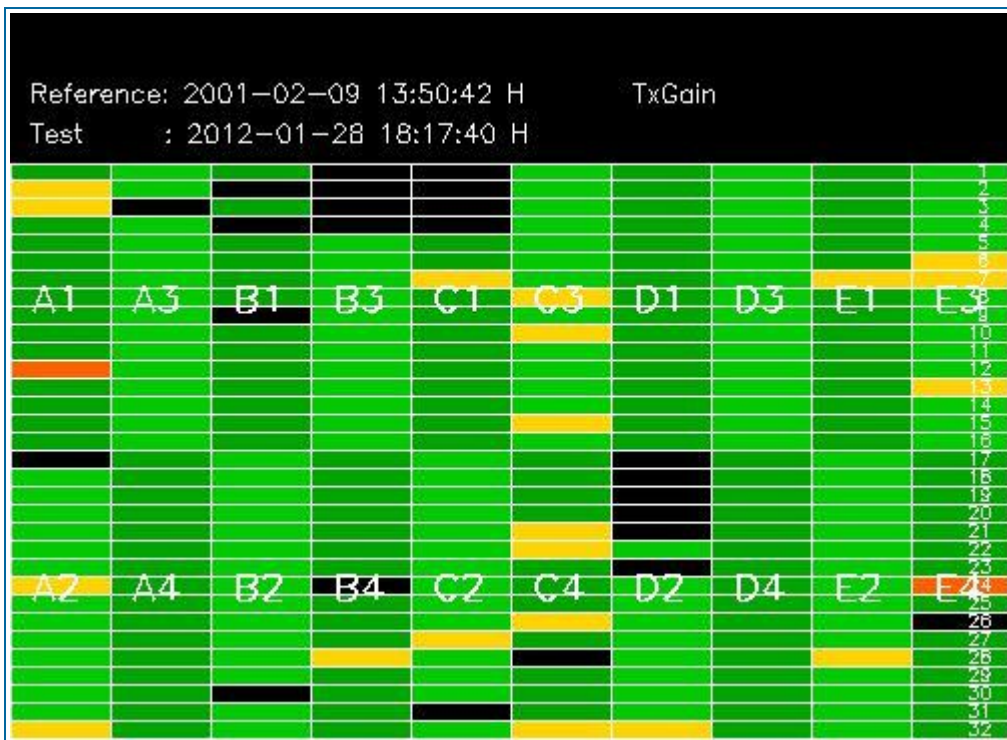


Reference: 2001-02-09 13:50:42 H RxPhase
 Test : 2012-01-28 18:17:40 H



Reference: 2012-01-27 18:54:25 H RxPhase
 Test : 2012-01-28 18:17:40 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

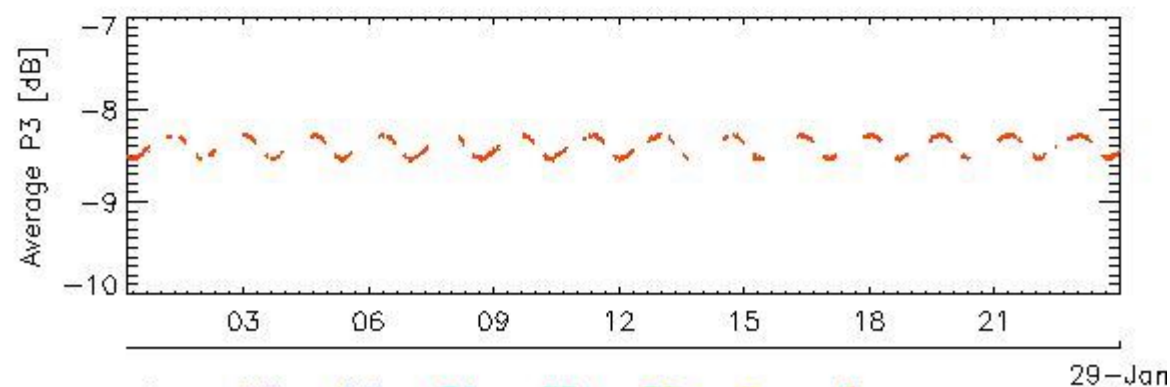
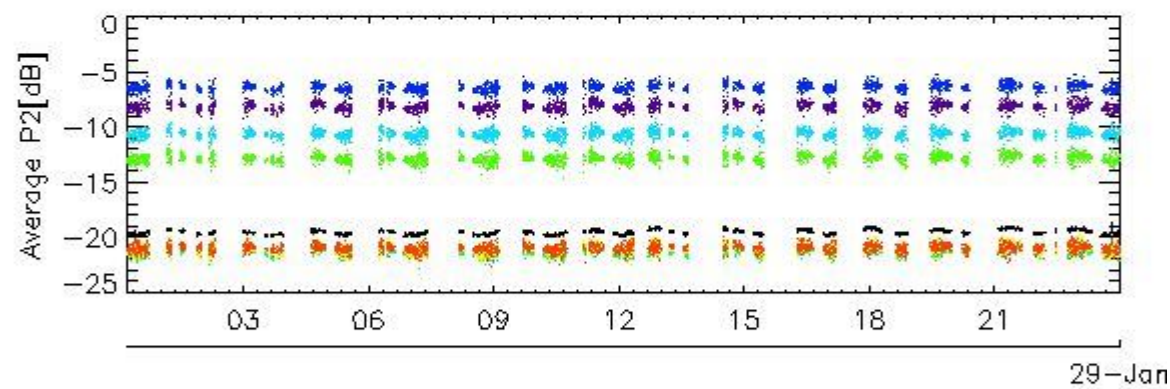
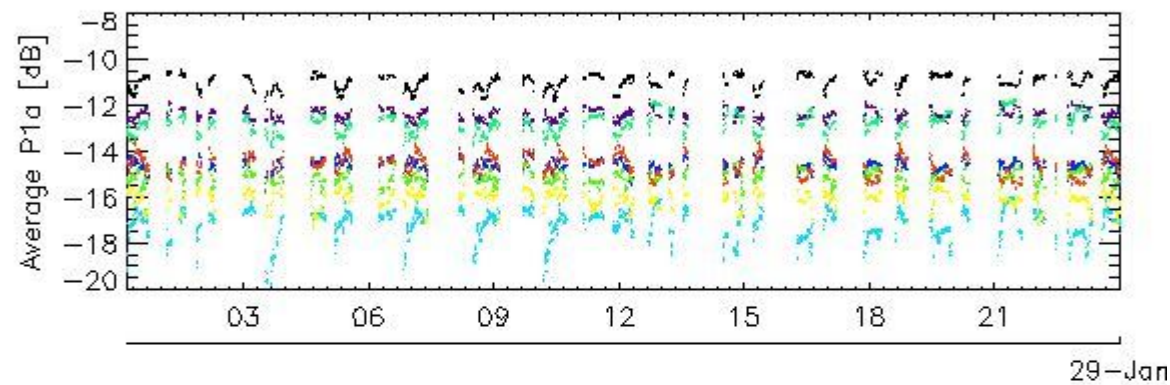
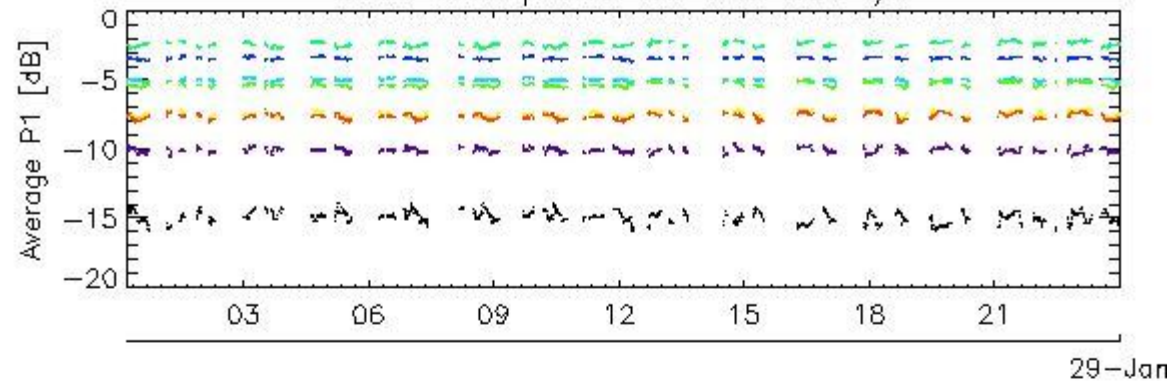
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

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

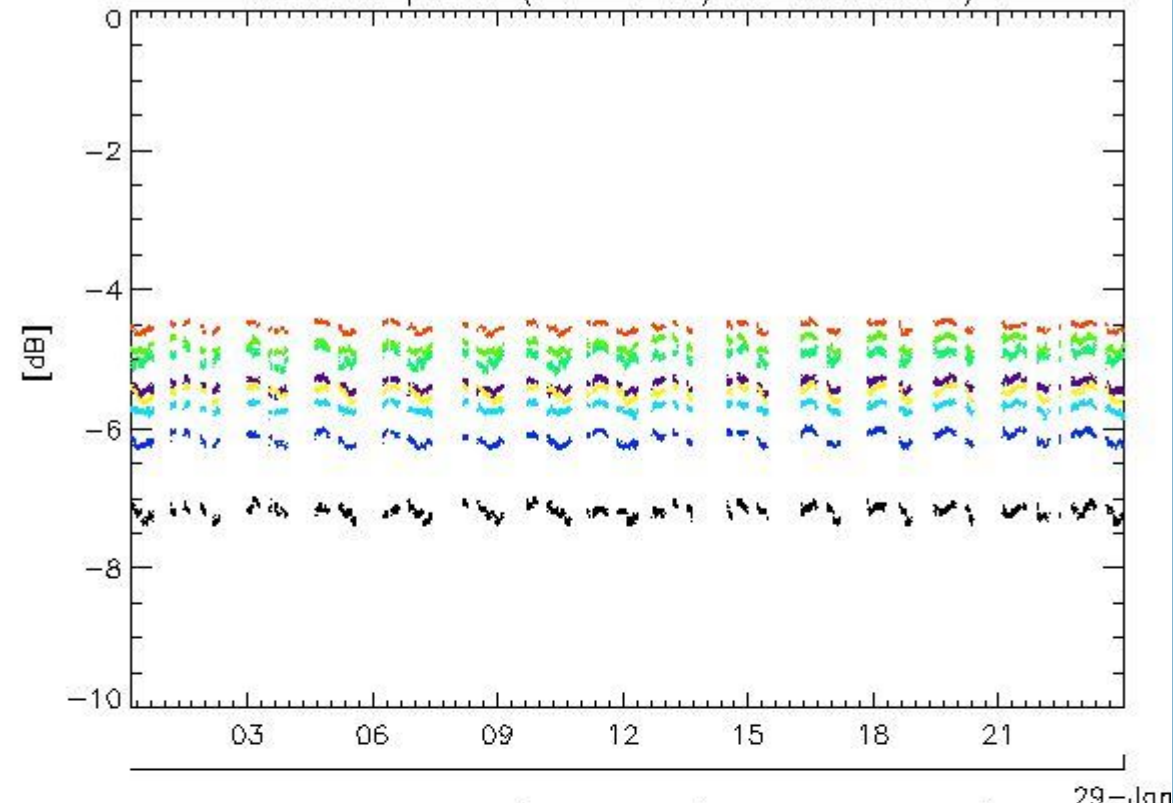
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

Calibration pulses for WVS IS2 V/V

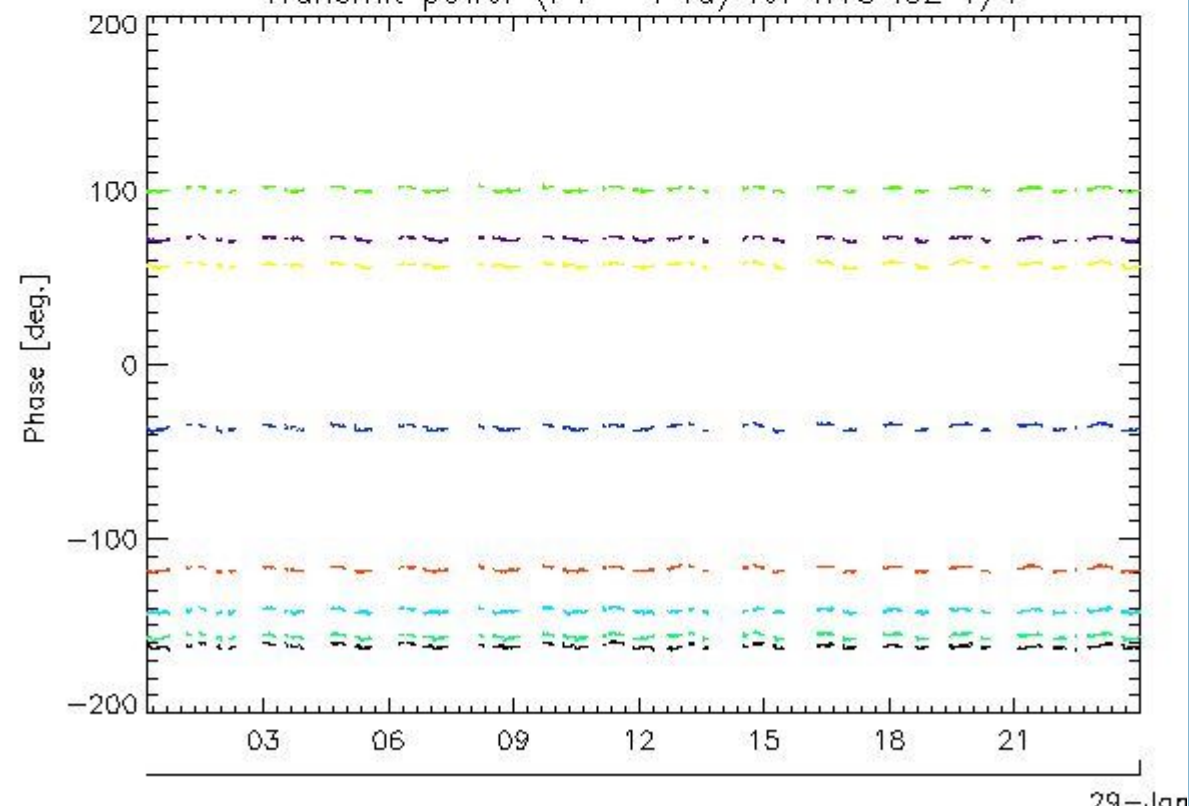


rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

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



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

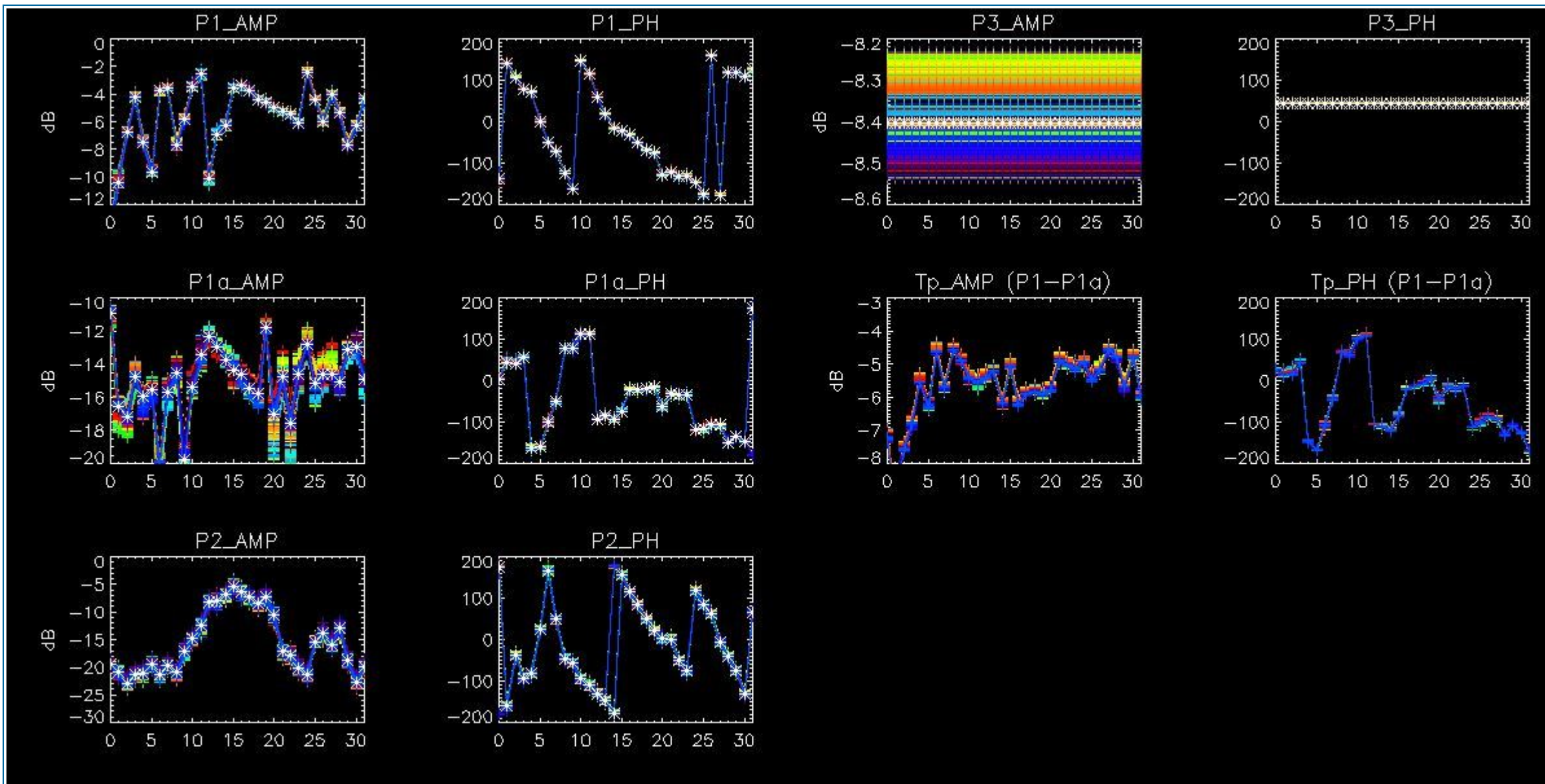


rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

4.1.2 - All Rows Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]





4.2 - Analysis for GM1 SS3 H/H

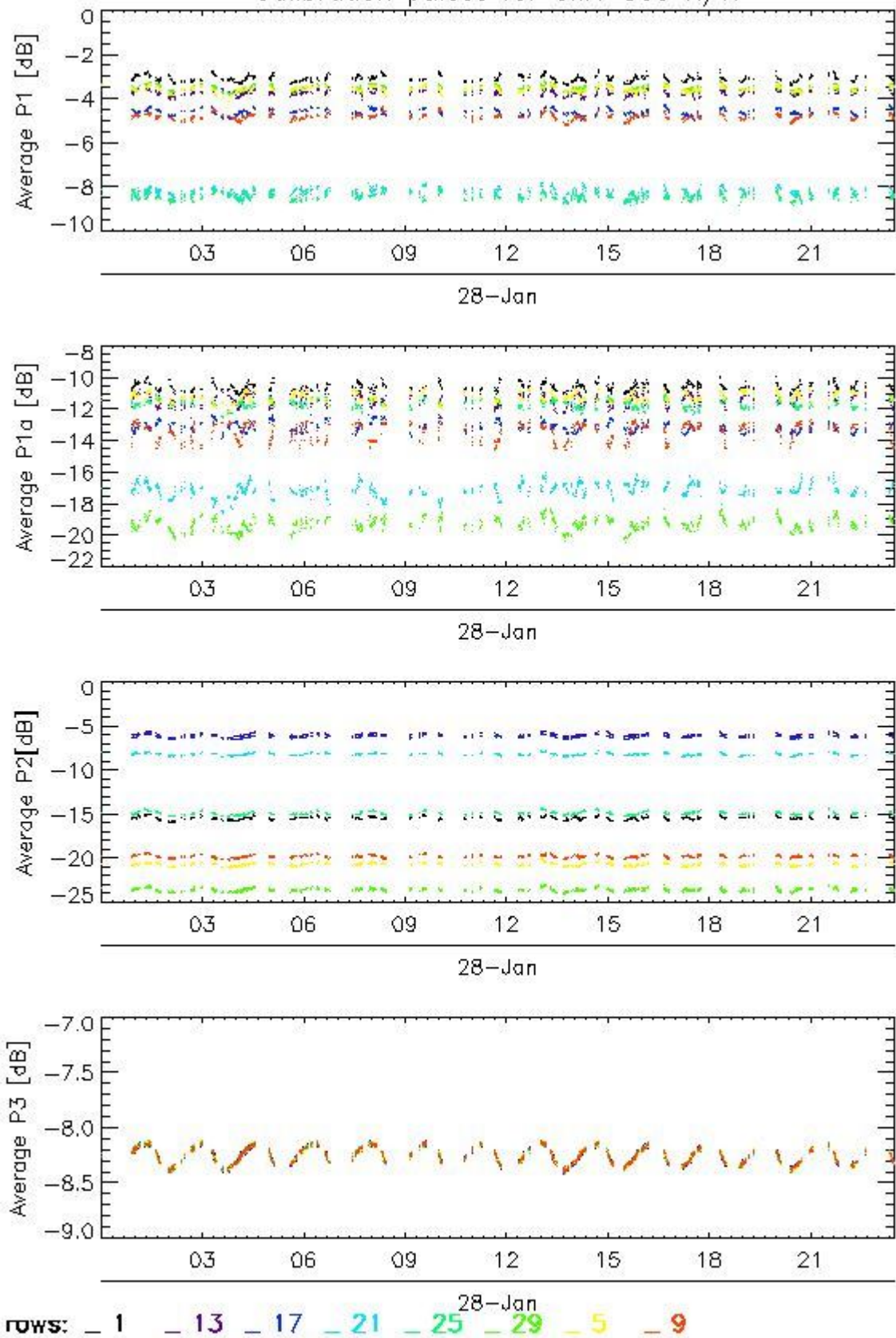
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

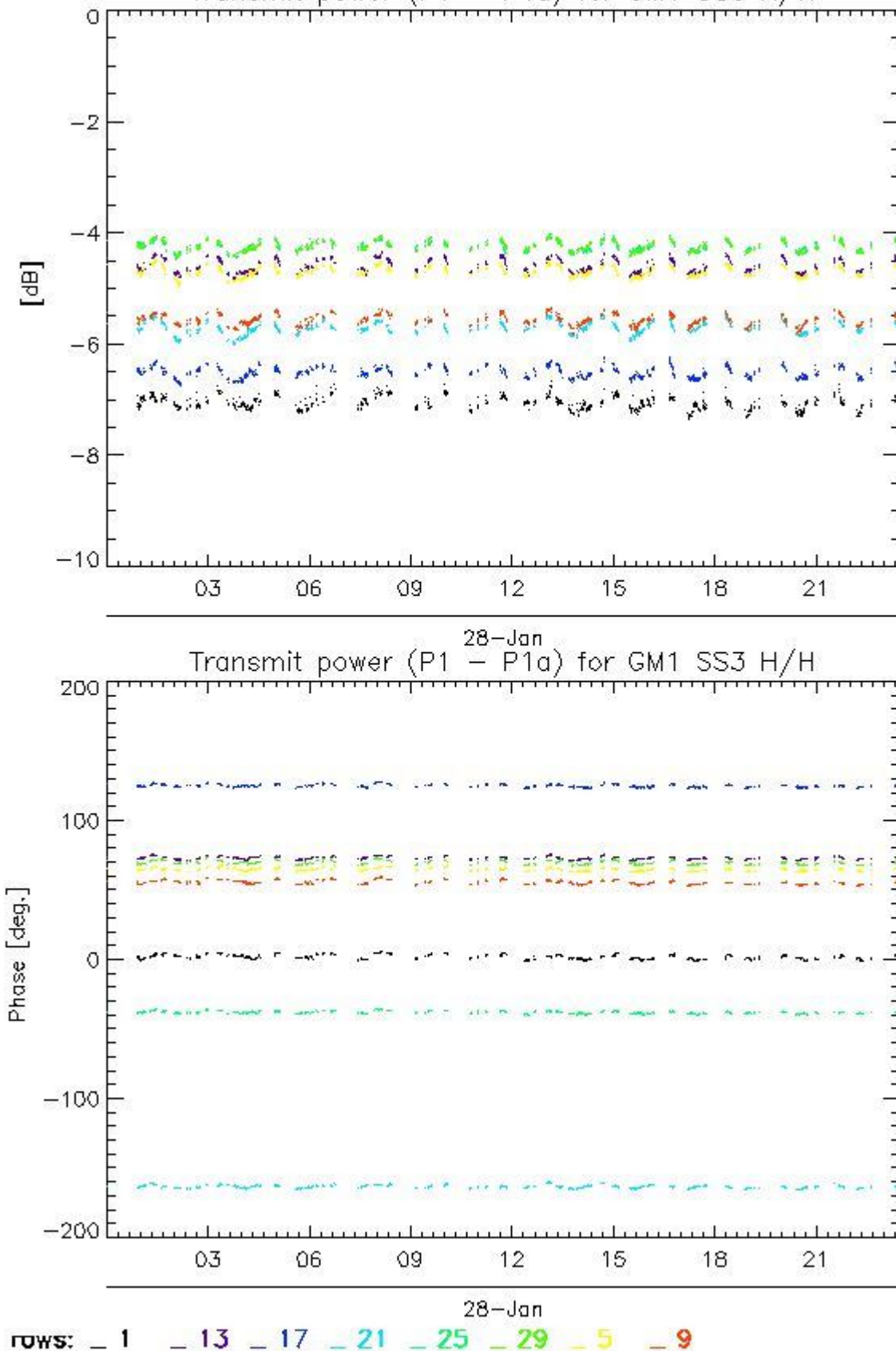
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

Calibration pulses for GM1 SS3 H/H



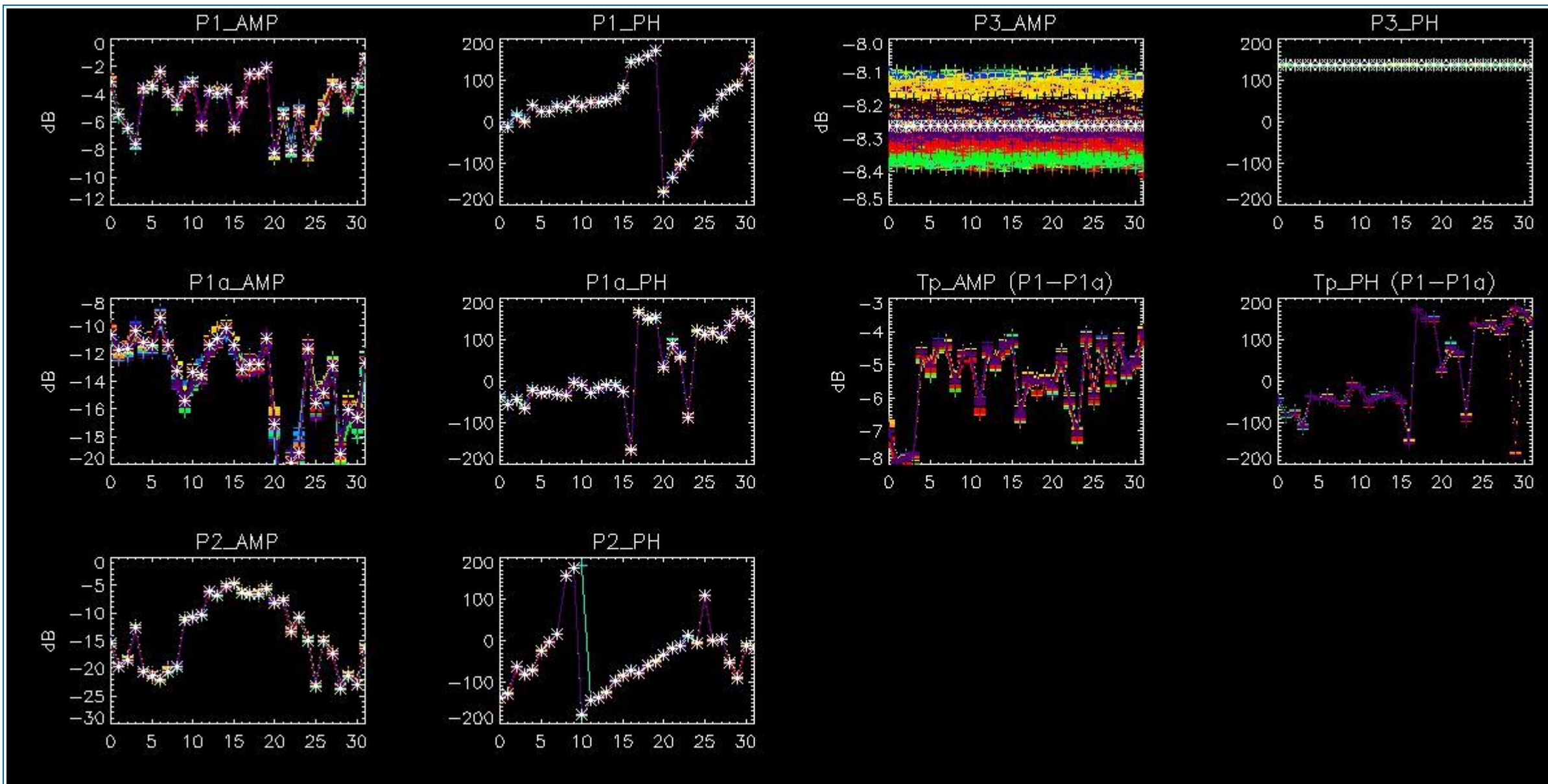
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

[[BACK TO MENU](#)]





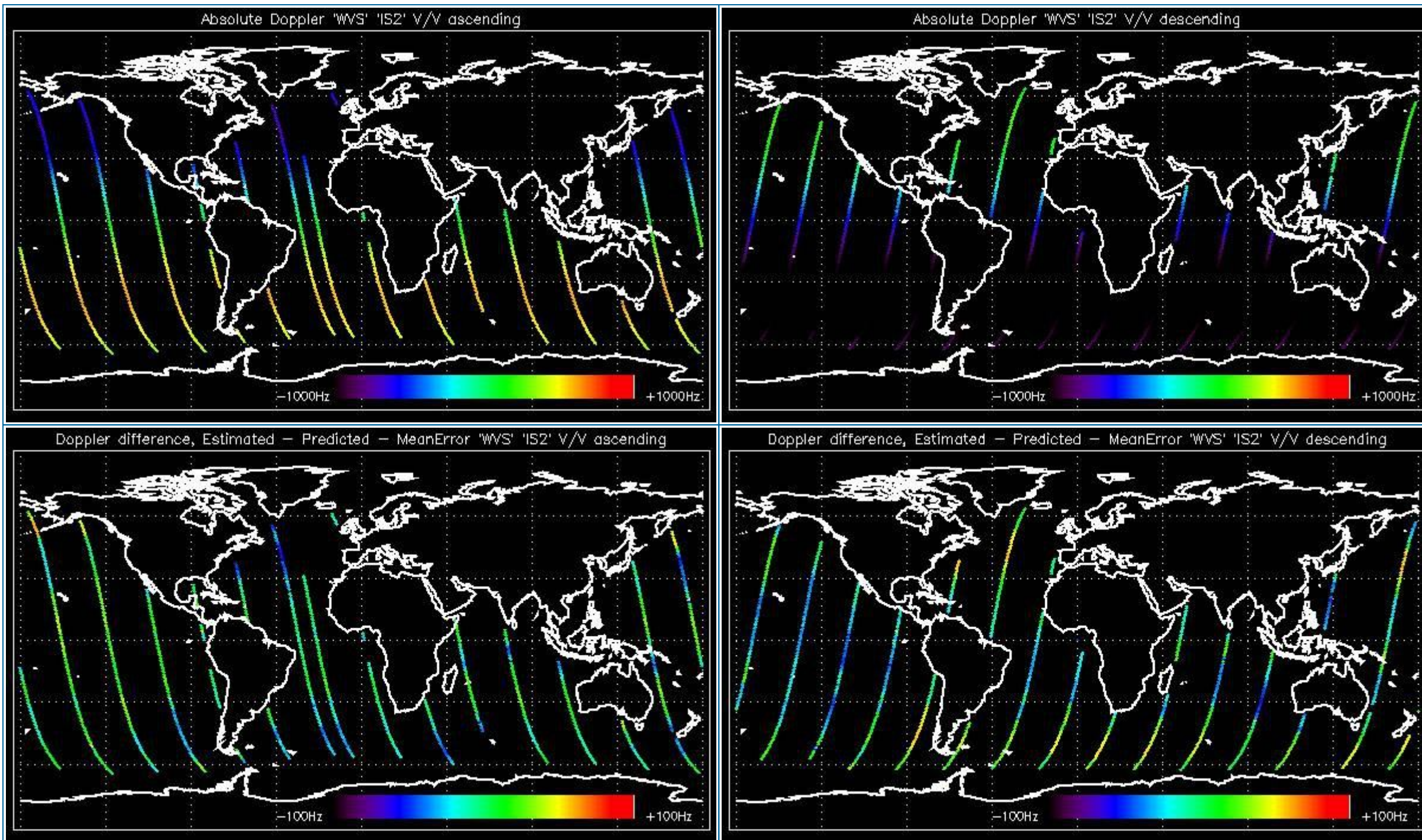
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]

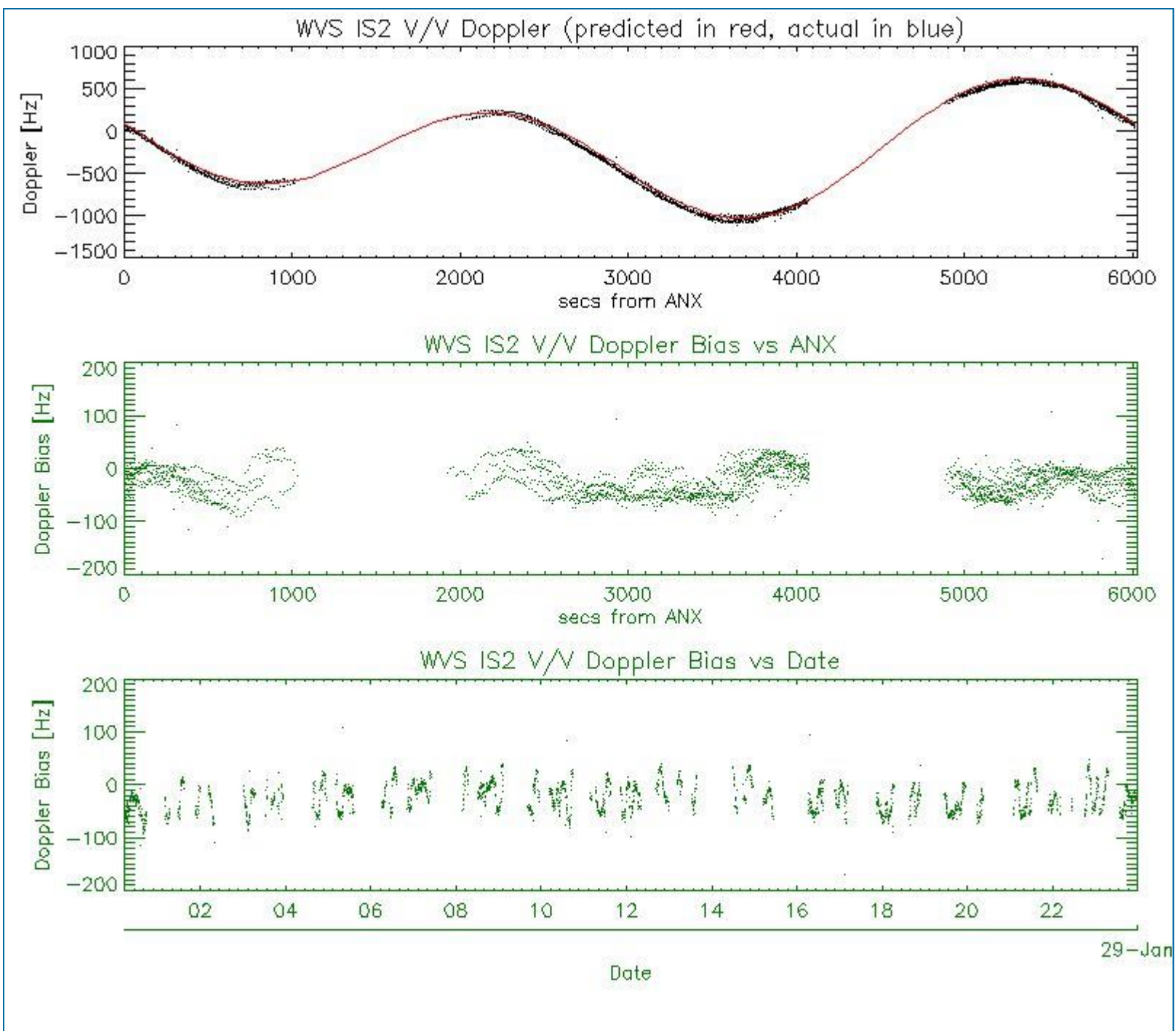




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[[BACK TO MENU](#)]



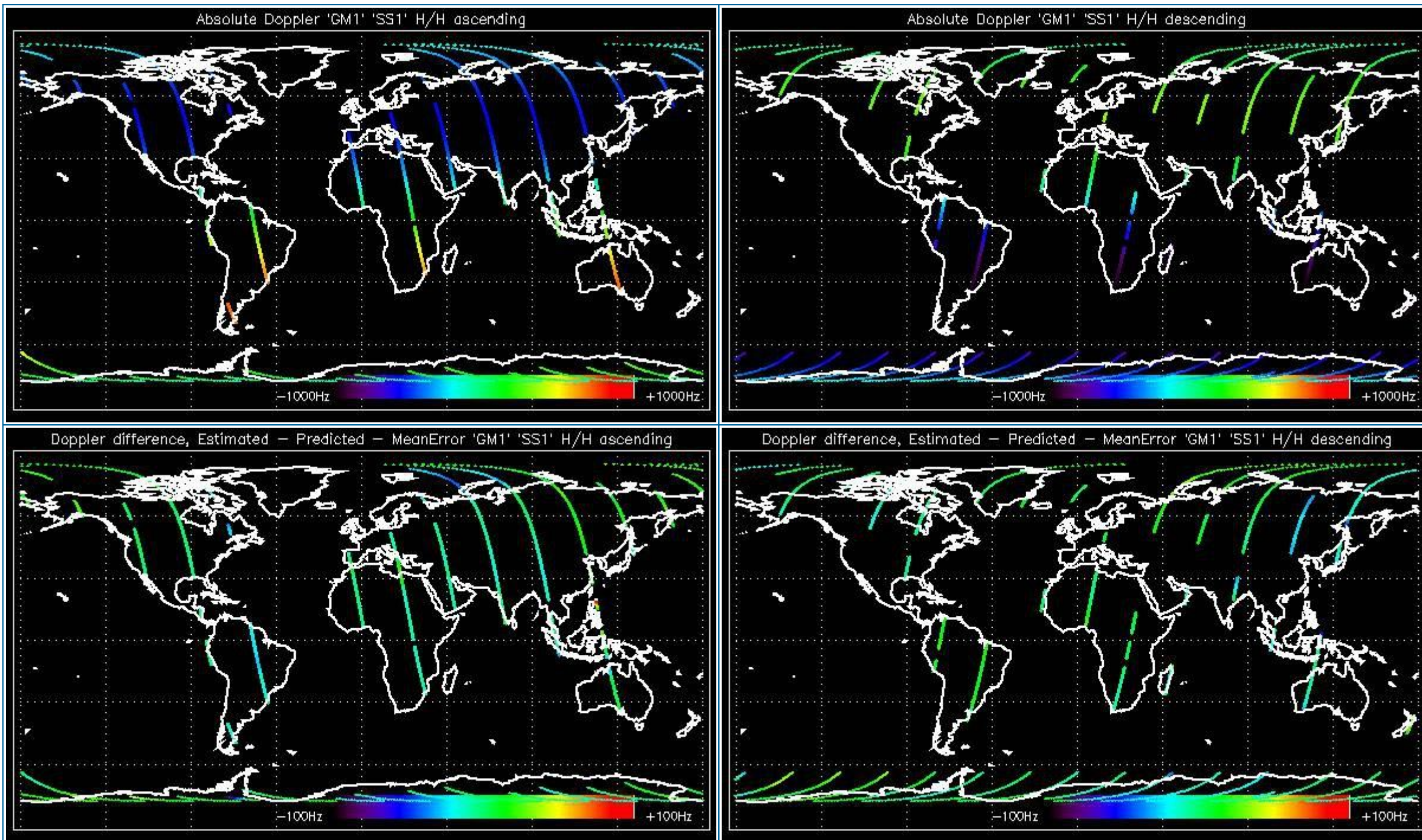


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

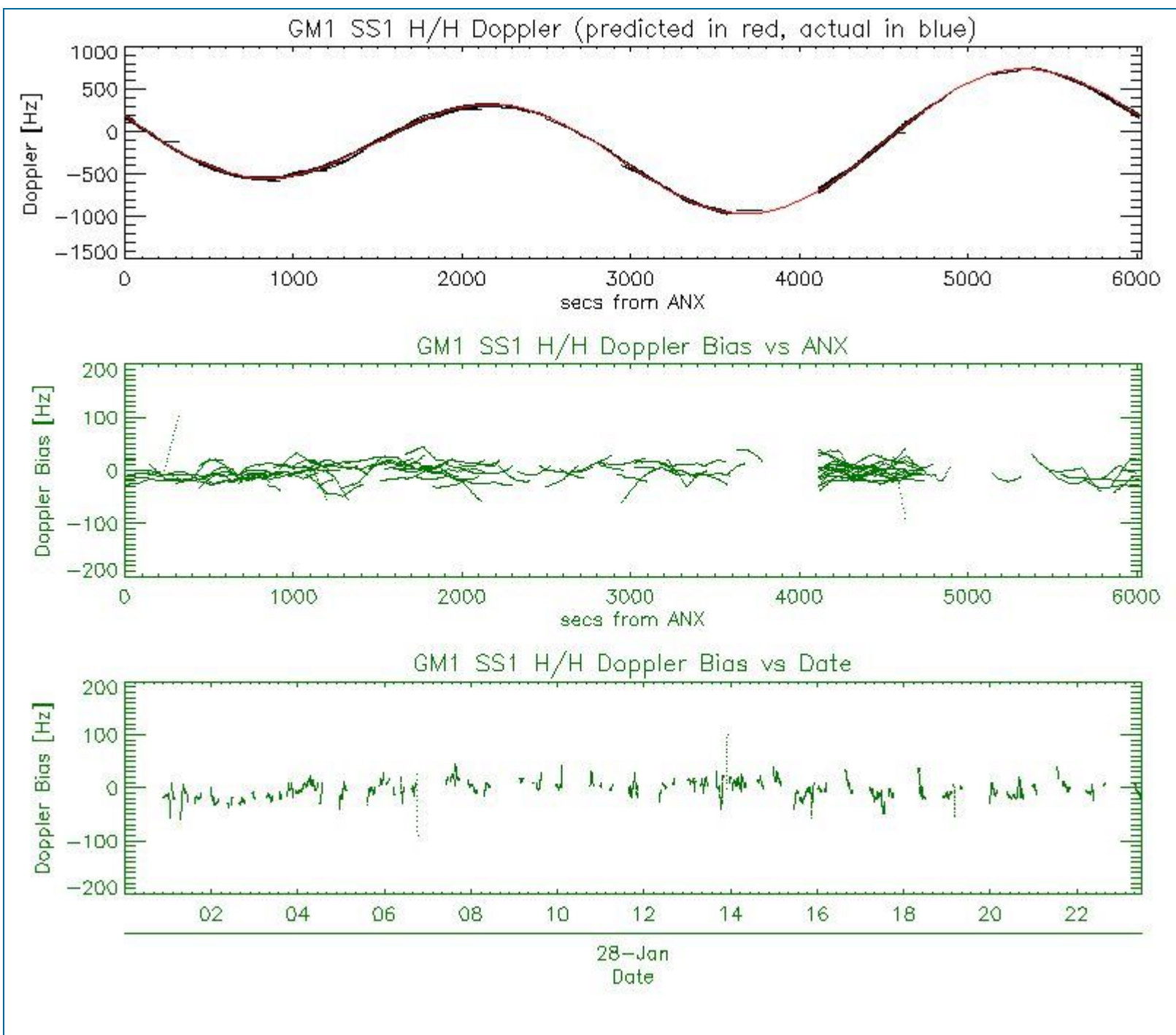




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[[BACK TO MENU](#)]

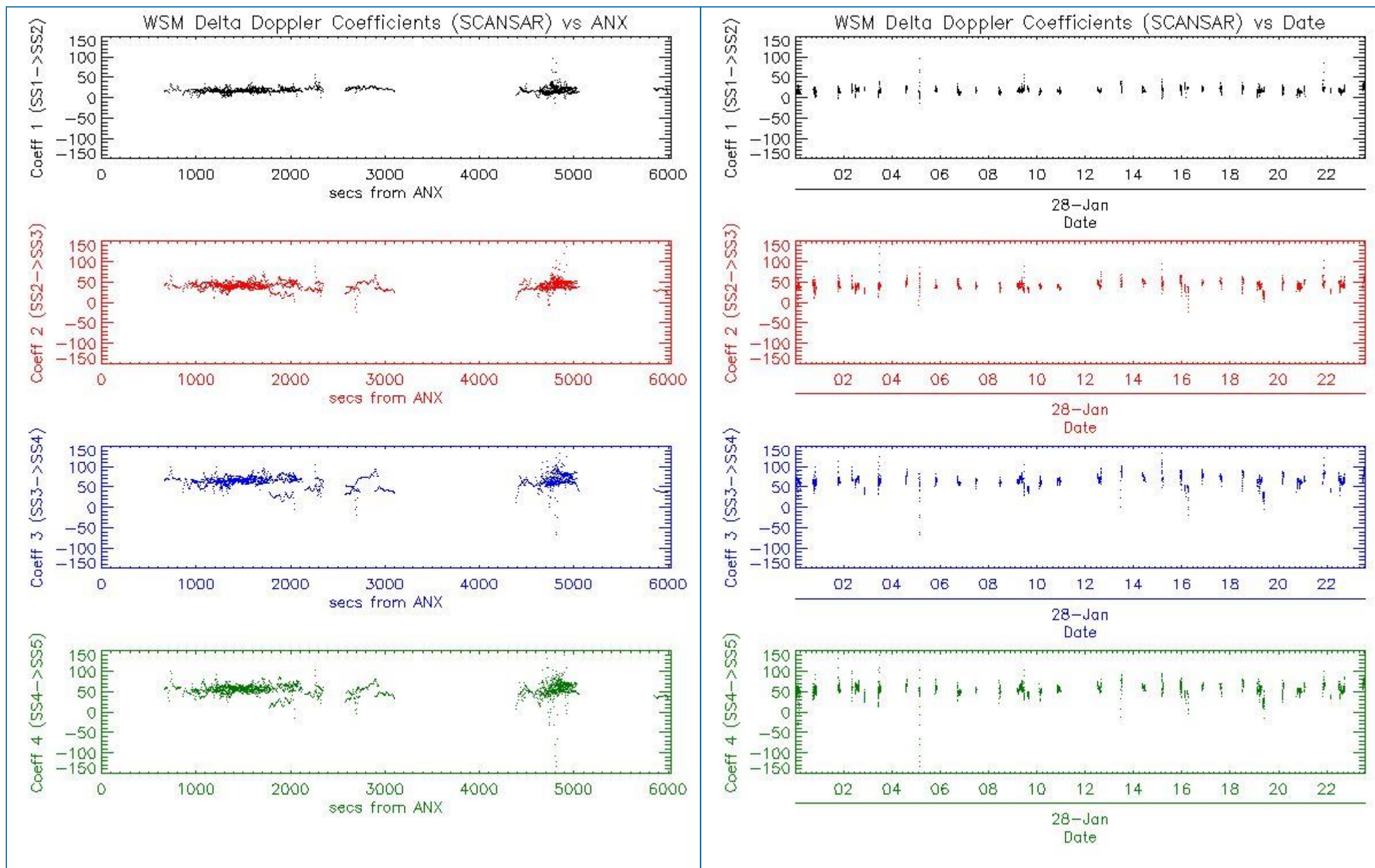




5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]



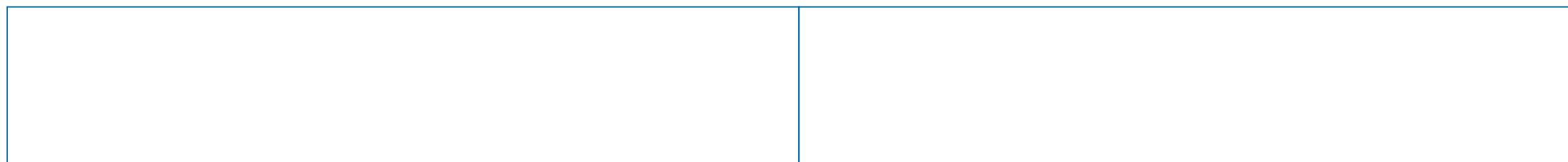


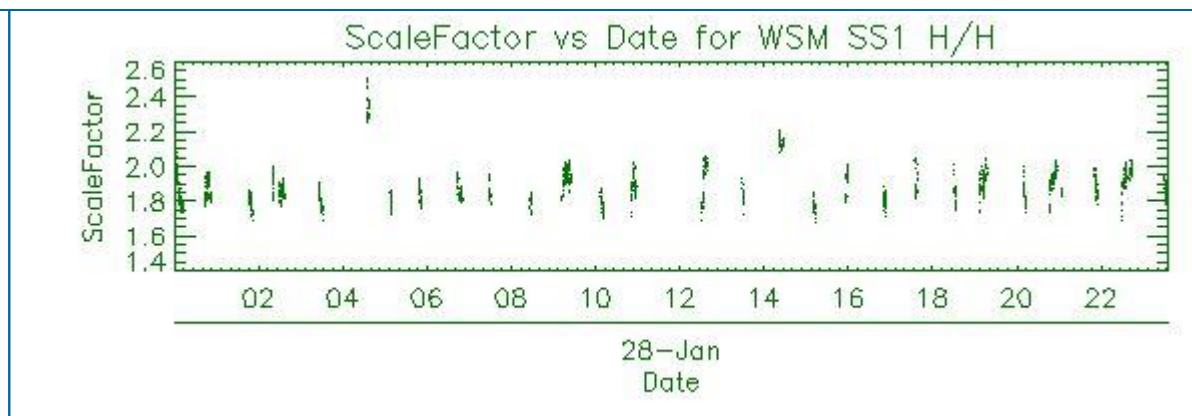
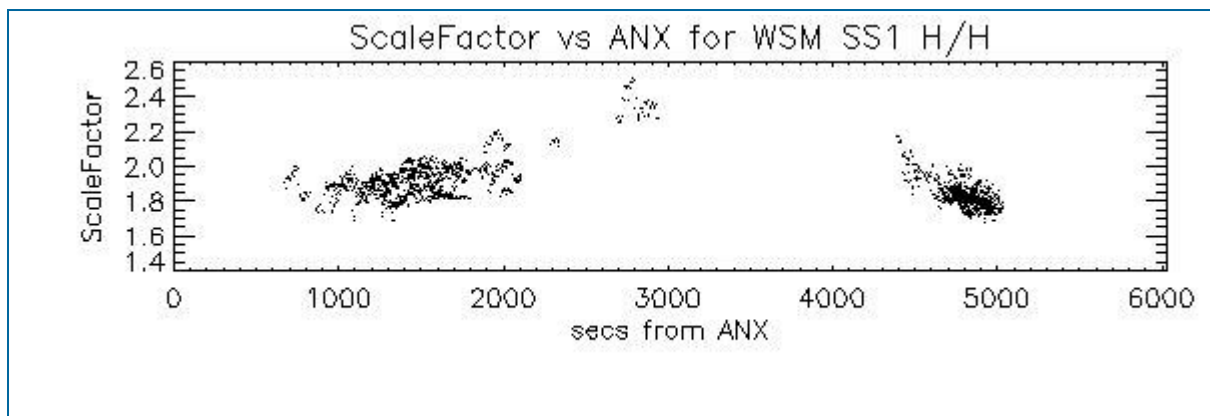
6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[[BACK TO MENU](#)]

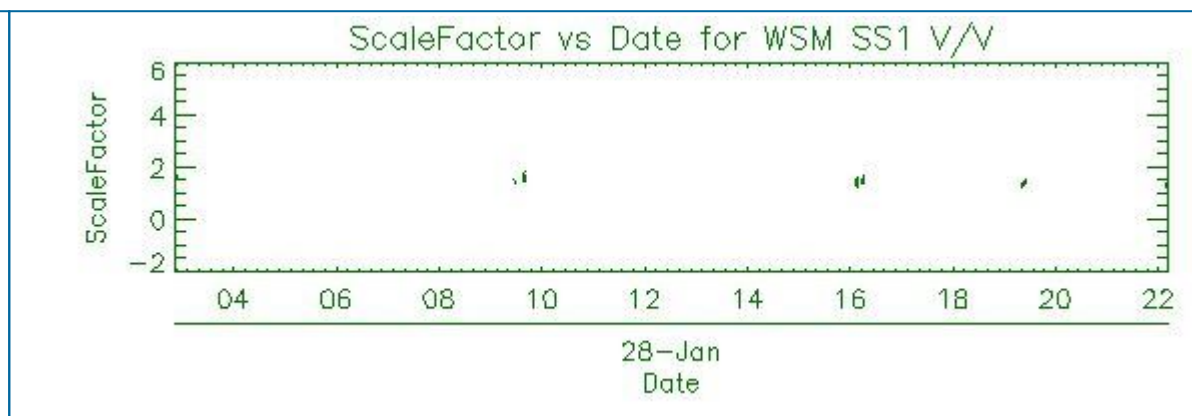
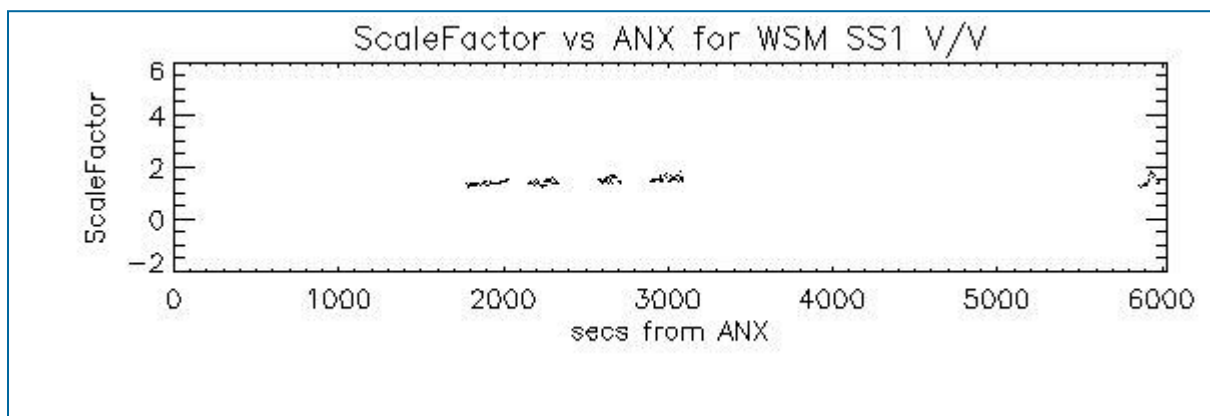




6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

[[BACK TO MENU](#)]

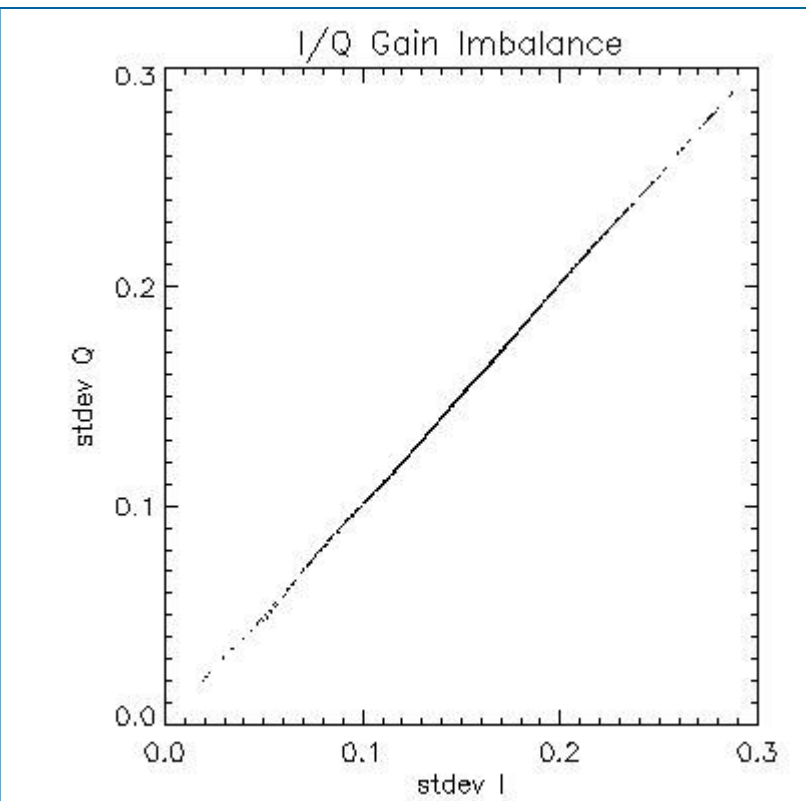
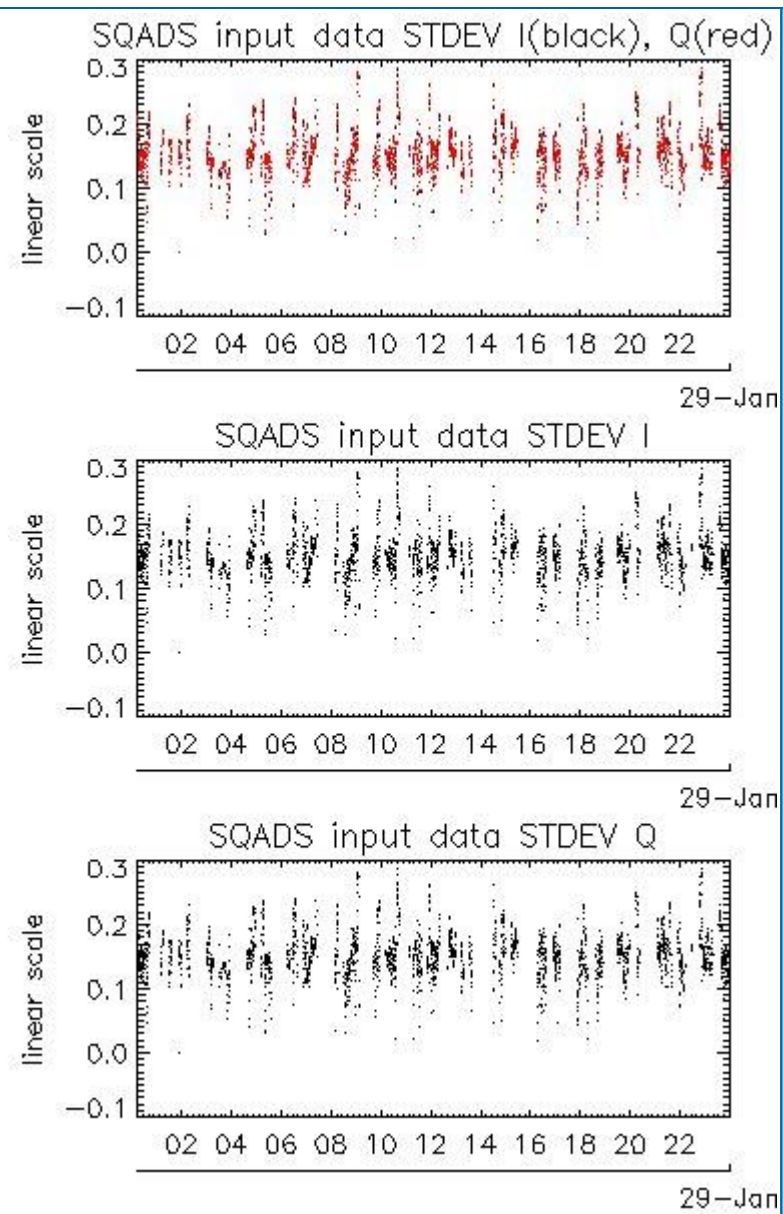
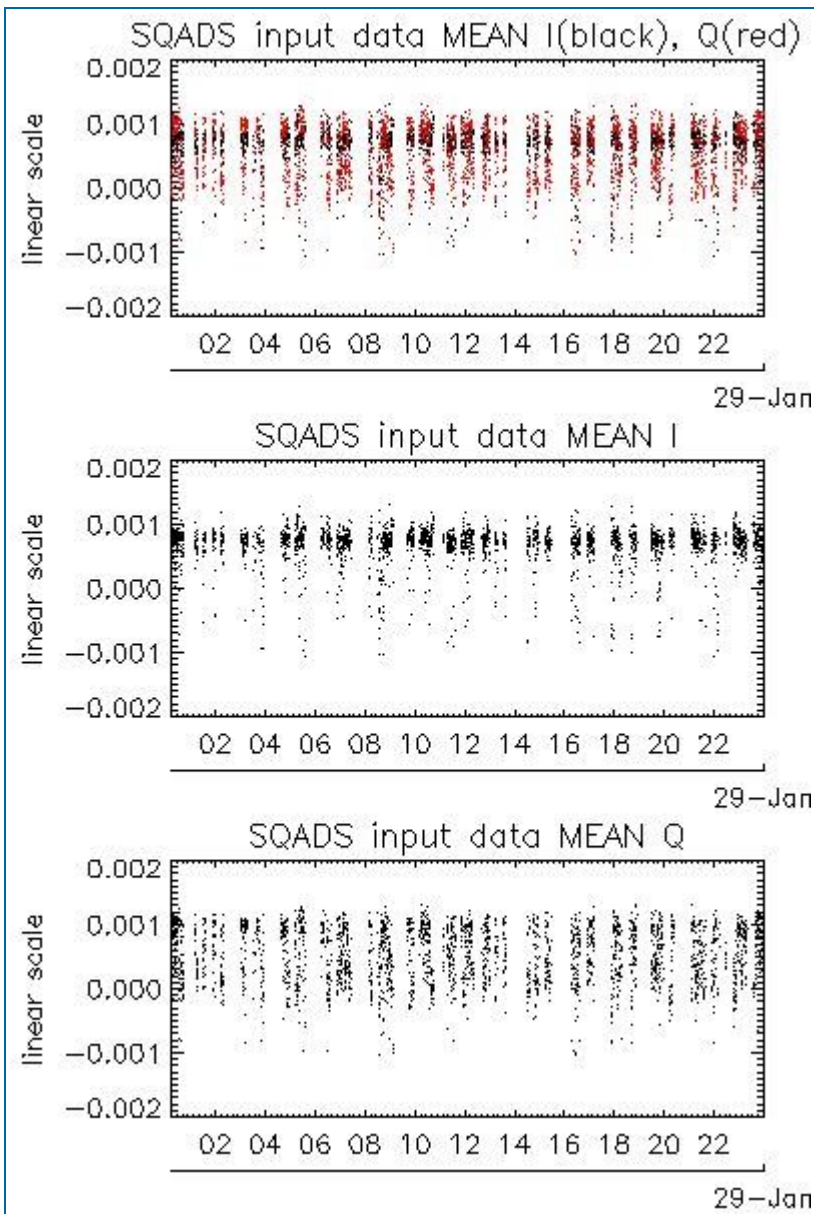


7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[[BACK TO MENU](#)]

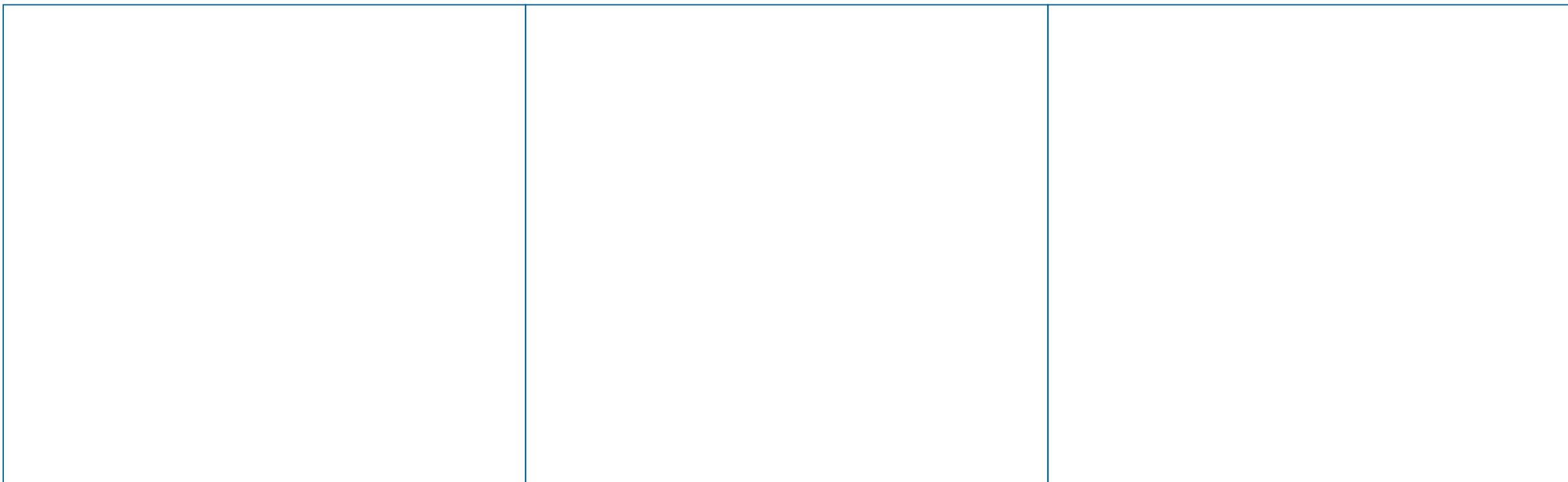
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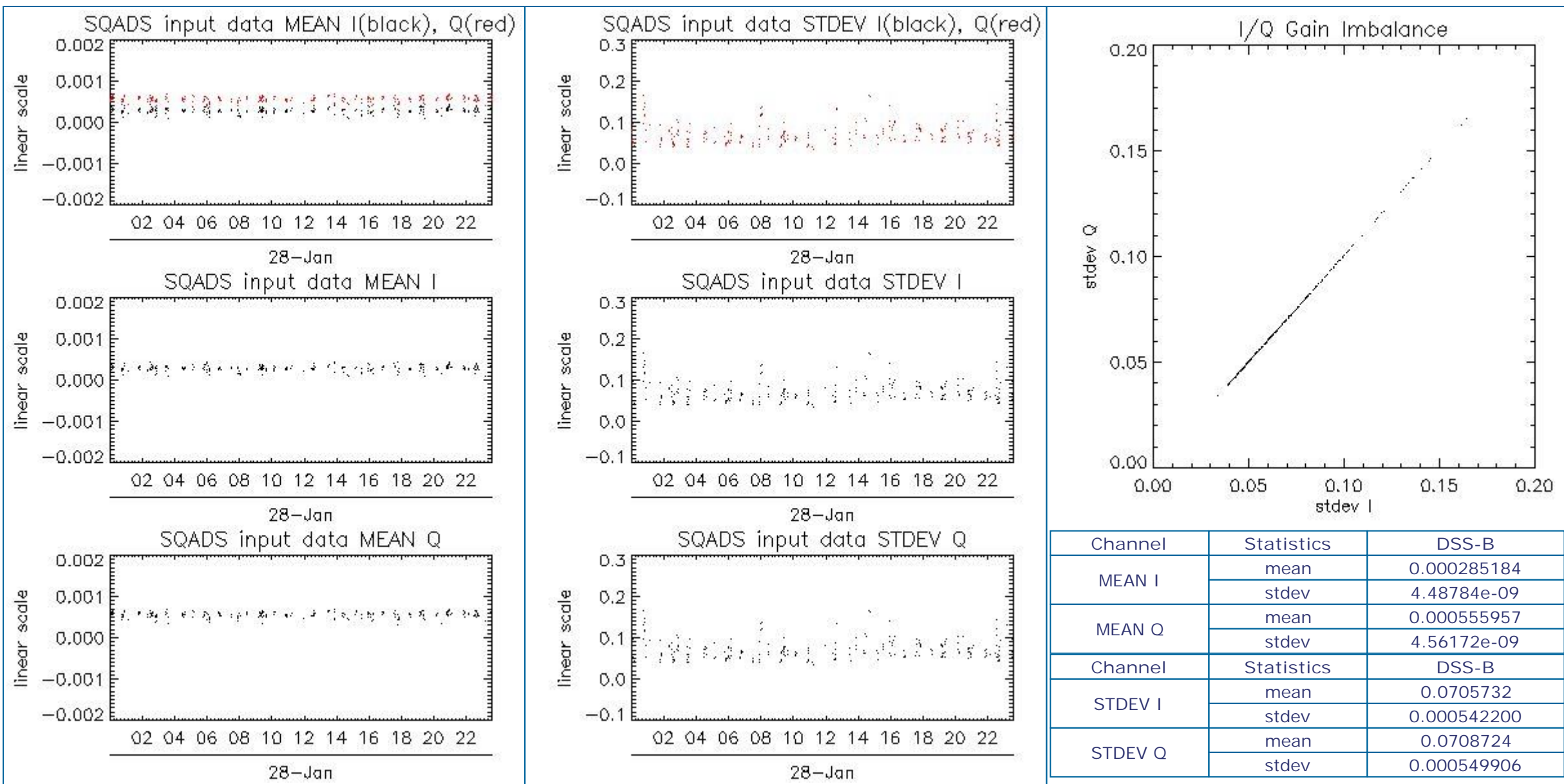


Channel	Statistics	DSS-B
MEAN I	mean	0.000668173
	stdev	1.04667e-07
MEAN Q	mean	0.000532212
	stdev	1.96155e-07
Channel	Statistics	DSS-B
STDEV I	mean	0.152721
	stdev	0.00126657
STDEV Q	mean	0.153289
	stdev	0.00129490

7.2 - Analysis for IMM

[[BACK TO MENU](#)]



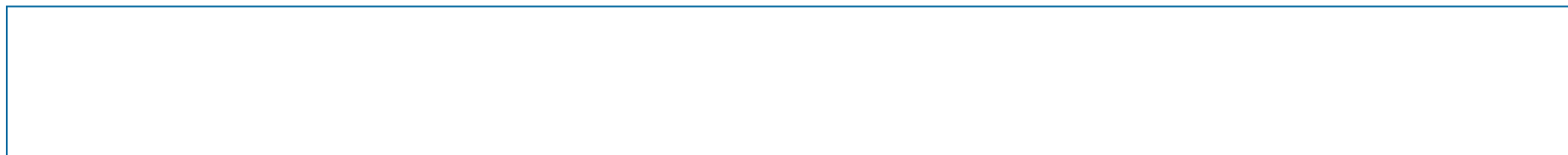


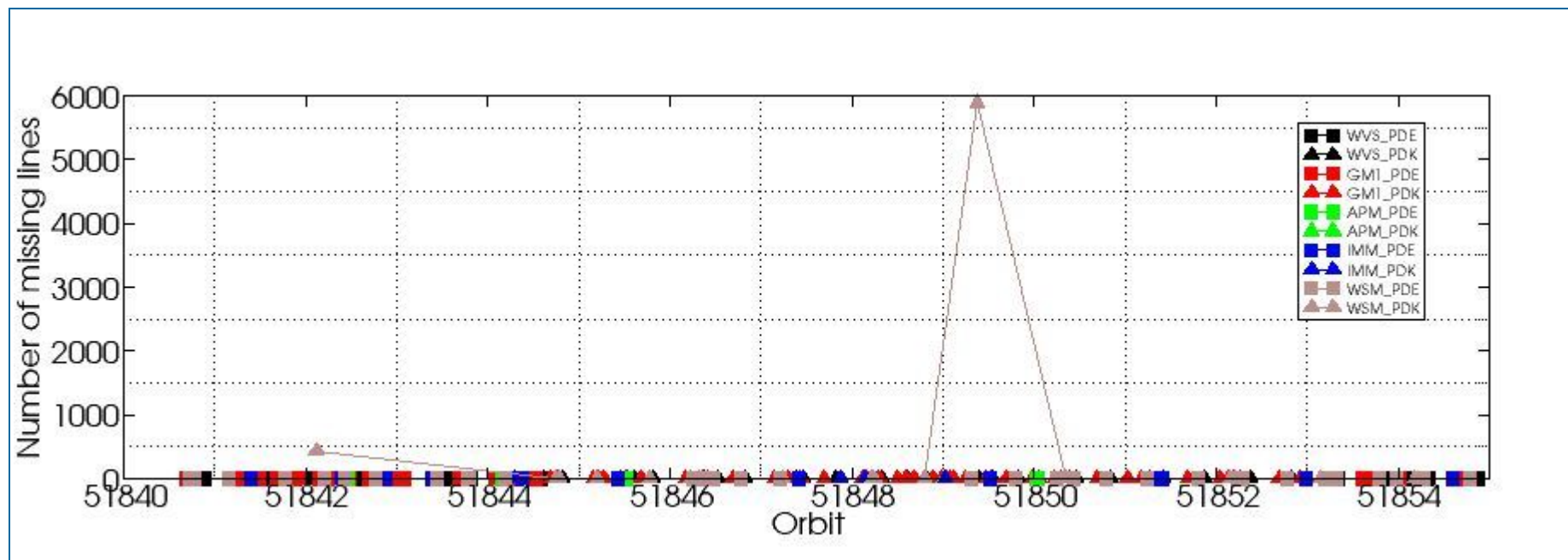
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDE	ASA_WVS_1PNPDE20120128_001221_000003303111_00102_51840_4453.N1	1	0
PDE	ASA_WVS_1PNPDE20120128_010931_000004363111_00103_51841_4494.N1	0	8
PDE	ASA_WVS_1PNPDE20120128_030009_000004343111_00104_51842_4518.N1	1	0
PDE	ASA_WVS_1PNPDE20120128_043758_000007193111_00105_51843_4564.N1	1	0
PDE	ASA_WVS_1PNPDE20120128_062636_000001793111_00106_51844_4608.N1	1	0
PDE	ASA_WVS_1PNPDE20120128_215454_000002253111_00115_51853_4788.N1	1	0
PDE	ASA_WVS_1PNPDE20120128_233513_000002853111_00116_51854_4811.N1	1	0
PDK	ASA_WSM_1PNPDK20120128_021933_000001773111_00104_51842_9694.N1	0	430
PDK	ASA_WSM_1PNPDK20120128_142750_000000923111_00111_51849_0151.N1	40	5887

8.1 - Number of Missing lines

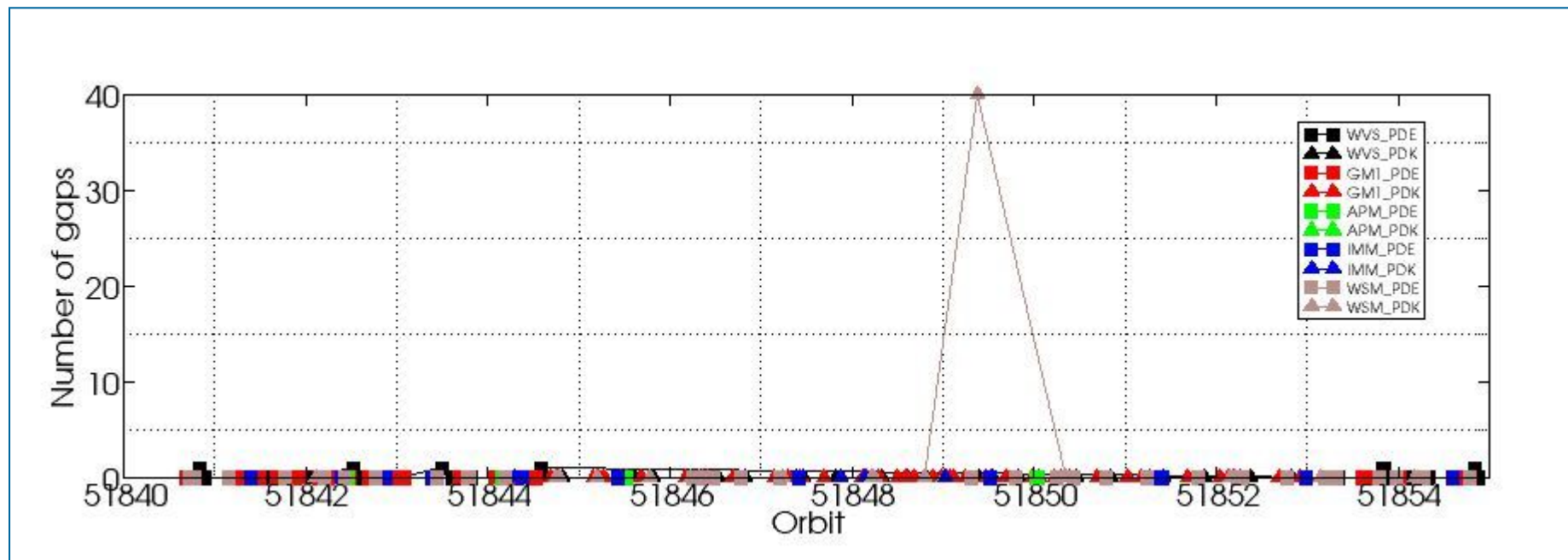
[BACK TO MENU]





8.2 - Number of Gaps

[[BACK TO MENU](#)]



ASAR DAILY REPORT for 120128
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2012-01-28 00:00:00

Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/

DATA SUMMARY

Summary will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_120128/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_120128/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/AUXILIARY

Creating directory ./RESULTS/DAILY/_120128/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20120128*current_3_IECF_ADFs.txt
 Found list 20120128_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/_120128/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20120128_001221_000003303111_00102_51840_4453.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_001706_000015893111_00102_51840_4489.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_010931_000004363111_00103_51841_4494.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_012829_000004653111_00103_51841_4495.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_015157_000001193111_00103_51841_4497.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_015312_000003453111_00103_51841_4515.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_021045_000004793111_00104_51842_4520.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_030009_000004343111_00104_51842_4518.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_030709_000005553111_00104_51842_4554.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_033141_000001053111_00104_51842_4558.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_033923_000002993111_00104_51842_4556.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_034830_000001193111_00104_51842_4560.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_035259_000001793111_00105_51843_4563.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_043758_000007193111_00105_51843_4564.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_044943_000004203111_00105_51843_4599.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_051032_000014993111_00105_51843_4605.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_061428_000004343111_00106_51844_4607.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_062636_000001793111_00106_51844_4608.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_210535_000015143111_00115_51853_4785.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_213411_000002853111_00115_51853_4787.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_215454_000002253111_00115_51853_4788.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_215754_000005993111_00115_51853_4802.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_221102_000000593111_00115_51853_4803.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_222647_000000903111_00116_51854_4804.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_224517_000014843111_00116_51854_4806.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_231117_000004653111_00116_51854_4815.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_233513_000002853111_00116_51854_4811.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20120128_233913_000016343111_00116_51854_4837.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_062921_000004503111_00106_51844_9876.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_065051_000020543111_00106_51844_9875.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_080905_000004803111_00107_51845_0012.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120128_101140_000019493111_00108_51846_0043.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_110841_000001193111_00109_51847_0085.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120128_115117_000002853111_00109_51847_0088.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120128_124202_000010493111_00110_51848_0115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_131118_000003903111_00110_51848_0126.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_133202_000004053111_00110_51848_0132.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_142923_000004193111_00111_51849_0167.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_144450_000007953111_00111_51849_0170.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_151307_000008403111_00111_51849_0174.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_WVS_1PNPDK20120128_165328_000010943111_00112_51850_0203.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_175159_000014993111_00113_51851_0227.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_183806_000009443111_00113_51851_0229.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WVS_1PNPDK20120128_192731_000017843111_00114_51852_0262.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20120128_201343_000005403111_00114_51852_0265.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20120128_005334_000005983111_00103_51841_4490.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120128_011725_000006283111_00103_51841_4493.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120128_013652_000005493111_00103_51841_4496.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120128_015936_000006653111_00103_51841_4517.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDE20120128_022239_000000783111_00104_51842_4528.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDE20120128_023856_000004773111_00104_51842_4521.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120128_141419_000004283111_00111_51849_0166.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

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ASA_GM1_1PNPDK20120128_144301_000001023111_00111_51849_0169.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120128_160021_000003503111_00112_51850_0199.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120128_160915_000001933111_00112_51850_0200.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120128_172832_000003383111_00113_51851_0225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120128_181912_000006283111_00113_51851_0228.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120128_185437_000006833111_00114_51852_0230.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
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ASA_GM1_1PNPDK20120128_191747_000001503111_00114_51852_0261.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120128_195927_000005673111_00114_51852_0263.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120128_202323_000003983111_00114_51852_0264.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20120128_203046_000008763111_00114_51852_0266.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing APM products...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_APM.xls...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_APM.txt...

ASA_APM_1PNPDE20120128_025410_000001233111_00104_51842_4514.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120128_054354_000000583111_00106_51844_4589.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120128_075835_000000433111_00107_51845_4640.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120128_080158_000000433111_00107_51845_4642.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120128_092921_000000433111_00108_51846_4671.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDE20120128_153328_000000993111_00112_51850_4747.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_APM_1PNPDK20120128_135108_000000433111_00111_51849_0134.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing IMM products...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_IMM.xls...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_IMM.txt...

ASA_IMM_1PNPDE20120128_010818_000000623111_00103_51841_4488.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_024649_000000373111_00104_51842_4509.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_024749_000000383111_00104_51842_4510.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_024934_000000533111_00104_51842_4511.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_033710_000001123111_00104_51842_4549.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_042704_000001843111_00105_51843_4552.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_060602_000003543111_00106_51844_4596.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_075152_000002173111_00107_51845_4639.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_111118_000000703111_00109_51847_4706.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_144130_000000793111_00111_51849_4745.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_174541_000003033111_00113_51851_4759.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_175055_000000363111_00113_51851_4760.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_202958_000000373111_00114_51852_4791.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDE20120128_231034_000000353111_00116_51854_4822.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9769.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9770.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_092615_000000373111_00108_51846_0022.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_115635_000000373111_00109_51847_0117.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_122351_000000383111_00110_51848_0114.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_IMM_1PNPDK20120128_135235_000000713111_00111_51849_0133.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



Analysing WSM products...

Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_WSM.xls...
Writing file ./RESULTS/DAILY/_120128/AUXILIARY/Check_ADFs_WSM.txt...

ASA_WSM_1PNPDE20120128_000109_000002813111_00102_51840_4443.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WSM_1PNPDE20120128_000633_000003493111_00102_51840_4446.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
... (repeating pattern) ...

AUXILIARY FILES ANALYSIS completed
#####

MODULE STEPPING ANALYSIS
#####
Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/MODULE_STEPPING


```
Creating directory ./RESULTS/DAILY/_120128/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_120128/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...
```

```
*****
*****
```

```
Creating images comparing with second reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS_0PNPDK20010209_135042_0000009A024_00180_11700_0052.N1
Test product: ASA_MS_0PNPDK20120128_181740_000000163111_00113_51851_0995.N1
  H
  H
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/TGH_20120128_181740-20010209_135042.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/TPH_20120128_181740-20010209_135042.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/RGH_20120128_181740-20010209_135042.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/RPH_20120128_181740-20010209_135042.png
```

```
Polarization: V
Reference product: ASA_MS_0PNPDK20010209_140823_0000009A024_00180_11700_0054.N1
Test product: ASA_MS_0PNPDK20120128_195754_000000163111_00114_51852_0996.N1
  V
  V
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/TGV_20120128_195754-20010209_140823.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/TPV_20120128_195754-20010209_140823.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/RGV_20120128_195754-20010209_140823.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/SECOND_REFERENCE/RPV_20120128_195754-20010209_140823.png
```

```
*****
*****
```

```
Creating images comparing with previous product reference...
```

```
Exporting results to the directory ../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
```

```
Polarization: H
Reference product: ASA_MS_0PNPDK20120127_185425_000000163111_00099_51837_0994.N1
Test product: ASA_MS_0PNPDK20120128_181740_000000163111_00113_51851_0995.N1
  H
  H
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20120128_181740-20120127_185425.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20120128_181740-20120127_185425.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20120128_181740-20120127_185425.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20120128_181740-20120127_185425.png
```

```
Polarization: V
Reference product: ASA_MS_0PNPDE20120127_203439_000000163111_00100_51838_0323.N1
Test product: ASA_MS_0PNPDK20120128_195754_000000163111_00114_51852_0996.N1
  V
  V
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20120128_195754-20120127_203439.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20120128_195754-20120127_203439.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20120128_195754-20120127_203439.png
../../RESULTS/DAILY/_120128/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20120128_195754-20120127_203439.png
```

```
MODULE_STEPPING ANALYSIS completed
#####
```

```
CALIBRATION PULSES ANALYSIS
#####
Creating directory ./RESULTS/DAILY/_120128/CALIBRATION_PULSES...
```


ALL ROWS Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing products WVS IS2 V/V

1 80865 7 80865

Writing image ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

1 38433 7 38433

Writing image ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-28_1.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-28_2.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-28_3.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2012-01-28_4.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_120128//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 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-28_1.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-28_2.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-28_3.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2012-01-28 00:00:00 to 2012-01-28 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_120128/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2012-01-28_4.dat...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...

Writing ../../RESULTS/DAILY/_120128//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120128/DOPPLER...

DOPPLER ANX Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...

Writing file ./RESULTS/DAILY/_120128/DOPPLER/Doppler_data_WVS_IS2_VV_2012-01-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120128/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...

Writing file ./RESULTS/DAILY/_120128/DOPPLER/Doppler_data_GM1_SS1_HH_2012-01-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120128/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...

Writing file ./RESULTS/DAILY/_120128/DOPPLER/Doppler_Jumps_data_WSM_2012-01-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120128/DOPPLER/DOPPLER_JUMPS_ANX_WSM.png...

Writing file ../../RESULTS/DAILY/_120128/DOPPLER/DOPPLER_JUMPS_Date_WSM.png...

DOPPLER MAP Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing products WVS IS2 V/V

1221

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -22.973252 Hz

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

1308

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.WV_2

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -26.356396 Hz

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

2472

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.GM_1

Phase: descending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = 0.025707704 Hz

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

2445

Loading predicted doppler values....

./PREDICTED_DOPPLER/doppler.GM_1

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = -5.7274302 Hz

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...

Writing file ../../RESULTS/DAILY/_120128//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_120128/CHIRP...

CHIRP Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...

Writing file ./RESULTS/DAILY/_120128/CHIRP/ScaleFactor_data_WSM_SS1_HH_2012-01-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120128/CHIRP/ScaleFactor_ANX_WSM_SS1_HH.png...

Writing file ../../RESULTS/DAILY/_120128/CHIRP/ScaleFactor_DATE_WSM_SS1_HH.png...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...

Writing file ./RESULTS/DAILY/_120128/CHIRP/ScaleFactor_data_WSM_SS1_VV_2012-01-28.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_120128/CHIRP/ScaleFactor_ANX_WSM_SS1_VV.png...

Writing file ../../RESULTS/DAILY/_120128/CHIRP/ScaleFactor_DATE_WSM_SS1_VV.png...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/RAW_DATA

Creating directory ./RESULTS/DAILY/_120128/RAW_DATA...

Getting raw data for WVS from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/RAW_DATA/Raw_data_WVS_2012-01-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2012-01-28 00:00:00 to 2012-01-28 23:59:59...
Writing file ./RESULTS/DAILY/_120128/RAW_DATA/Raw_data_IMM_2012-01-28.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_IMM_input_mean.png...
Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_IMM_input_stdev.png...
Creating image ../../RESULTS/DAILY/_120128/RAW_DATA/Raw_data_IMM_gain_imbalance.png...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2012-01-28 00:00:00 to 2012-01-28 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_120128/TELEMETRY

Creating directory ./RESULTS/DAILY/_120128/TELEMETRY...

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

Checking 28 products from PDE...
Found product...ASA_WVS_1PNPDE20120128_001221_000003303111_00102_51840_4453.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120128_010931_000004363111_00103_51841_4494.N1 / 0 gaps / 8 missing lines
Found product...ASA_WVS_1PNPDE20120128_030009_000004343111_00104_51842_4518.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120128_043758_000007193111_00105_51843_4564.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120128_062636_000001793111_00106_51844_4608.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120128_215454_000002253111_00115_51853_4788.N1 / 1 gaps / 0 missing lines
Found product...ASA_WVS_1PNPDE20120128_233513_000002853111_00116_51854_4811.N1 / 1 gaps / 0 missing lines
Checking 22 products from PDK...

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

Checking 29 products from PDE...
Checking 49 products from PDK...

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

Checking 6 products from PDE...
Checking 1 products from PDK...

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

Checking 14 products from PDE...
Checking 6 products from PDK...

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

```
*****  
Checking 33 products from PDE...  
Checking 17 products from PDK...  
Found product...ASA_WSM_1PNPDK20120128_021933_000001773111_00104_51842_9694.N1 / 0 gaps / 430 missing lines  
Found product...ASA_WSM_1PNPDK20120128_142750_00000923111_00111_51849_0151.N1 / 40 gaps / 5887 missing lines
```

```
Creating graph of missing lines and gaps...  
*****  
Creating image: ./RESULTS/DAILY/_120128/TELEMETRY/TELEMETRY_Missing_lines.png...  
Creating image: ./RESULTS/DAILY/_120128/TELEMETRY/TELEMETRY_Gaps.png...
```

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

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

```
Building file ./RESULTS/DAILY/_120128/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_1PNPDE20120128_025410_000001233111_00104_51842_4514.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120128_054354_000000583111_00106_51844_4589.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120128_075835_000000433111_00107_51845_4640.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120128_080158_000000433111_00107_51845_4642.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120128_092921_000000433111_00108_51846_4671.N1	OK	OK	OK	OK
ASA_APM_1PNPDE20120128_153328_000000993111_00112_51850_4747.N1	OK	OK	OK	OK
ASA_APM_1PNPDK20120128_135108_000000433111_00111_51849_0134.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_1PNPDE20120128_005334_000005983111_00103_51841_4490.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_010513_000001873111_00103_51841_4492.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_011725_000006283111_00103_51841_4493.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_013652_000005493111_00103_51841_4496.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_015936_000006653111_00103_51841_4517.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_022239_000000783111_00104_51842_4528.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_022732_000000963111_00104_51842_4522.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_023856_000004773111_00104_51842_4521.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_025708_000001813111_00104_51842_4519.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_031709_000004773111_00104_51842_4555.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_033415_000001753111_00104_51842_4557.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_034503_000002053111_00104_51842_4561.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_035112_000001023111_00105_51843_4559.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_035647_0000018193111_00105_51843_4562.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_043019_000001933111_00105_51843_4566.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_045723_000006043111_00105_51843_4600.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_053624_000004533111_00106_51844_4601.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_054509_000001323111_00106_51844_4602.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_055305_000003323111_00106_51844_4603.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_060204_000002413111_00106_51844_4604.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_061203_000001383111_00106_51844_4606.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_062233_000002413111_00106_51844_4609.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_205724_000003983111_00115_51853_4784.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_213132_000001573111_00115_51853_4786.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_213940_000006283111_00115_51853_4789.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_221239_000006163111_00116_51854_4805.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_223655_000001023111_00116_51854_4807.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20120128_231955_000005863111_00116_51854_4812.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_063734_000003083111_00106_51844_9883.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_064454_000000783111_00106_51844_9882.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_072543_000001383111_00107_51845_9881.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_073059_000004283111_00107_51845_9886.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_073656_000004713111_00107_51845_0009.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_075538_000001753111_00107_51845_0008.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_075937_000001383111_00107_51845_0010.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_080304_000003563111_00107_51845_0011.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_081747_000005193111_00107_51845_0013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_090716_000002893111_00108_51846_0015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_092500_000000723111_00108_51846_0035.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_093024_000004283111_00108_51846_0036.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_095800_000005193111_00108_51846_0040.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_104459_000002893111_00109_51847_0041.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_105836_000001383111_00109_51847_0084.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_111257_000001813111_00109_51847_0086.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_113816_000007793111_00109_51847_0091.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_122106_000001633111_00110_51848_0090.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_122438_000003983111_00110_51848_0092.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_123925_000001503111_00110_51848_0120.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_130014_000005433111_00110_51848_0119.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_130926_000001083111_00110_51848_0116.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_131830_000006223111_00110_51848_0122.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_133933_000004103111_00110_51848_0125.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_134727_000002233111_00110_51848_0123.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_135401_000000903111_00111_51849_0121.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_135730_000001443111_00111_51849_0124.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_140132_000008403111_00111_51849_0129.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_141419_000004283111_00111_51849_0166.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_143702_000002713111_00111_51849_0168.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_144301_000001023111_00111_51849_0169.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_145844_000006773111_00111_51849_0172.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_152752_000003383111_00111_51849_0171.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_153528_000010213111_00112_51850_0173.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_155144_000002053111_00112_51850_0198.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_160021_000003503111_00112_51850_0199.N1					OK	OK	OK	OK

ASA_GM1_1PNPDK20120128_160915_000001933111_00112_51850_0200.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_163858_000006283111_00112_51850_0202.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_171227_000010393111_00113_51851_0204.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_172832_000003383111_00113_51851_0225.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_173819_000004413111_00113_51851_0226.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_181912_000006283111_00113_51851_0228.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_185437_000006833111_00114_51852_0230.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_190441_000001083111_00114_51852_0260.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_190913_000000963111_00114_51852_0259.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_191747_000001503111_00114_51852_0261.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_195927_000005673111_00114_51852_0263.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_202323_000003983111_00114_51852_0264.N1	OK	OK	OK	OK
ASA_GM1_1PNPDK20120128_203046_000008763111_00114_51852_0266.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_1PNPDE20120128_010818_000000623111_00103_51841_4488.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_024649_000000373111_00104_51842_4509.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_024749_000000383111_00104_51842_4510.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_024934_000000533111_00104_51842_4511.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_033710_000001123111_00104_51842_4549.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_042704_000001843111_00105_51843_4552.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_060602_000003543111_00106_51844_4596.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_075152_000002173111_00107_51845_4639.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_111118_000000703111_00109_51847_4706.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_144130_000000793111_00111_51849_4745.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_174541_000003033111_00113_51851_4759.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_175055_000000363111_00113_51851_4760.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_202958_000000373111_00114_51852_4791.N1					OK	OK	OK	OK
ASA_IMM_1PNPDE20120128_231034_000000353111_00116_51854_4822.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9769.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9770.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_092615_000000373111_00108_51846_0022.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_115635_000000373111_00109_51847_0117.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_122351_000000383111_00110_51848_0114.N1					OK	OK	OK	OK
ASA_IMM_1PNPDK20120128_135235_000000713111_00111_51849_0133.N1					OK	OK	OK	OK

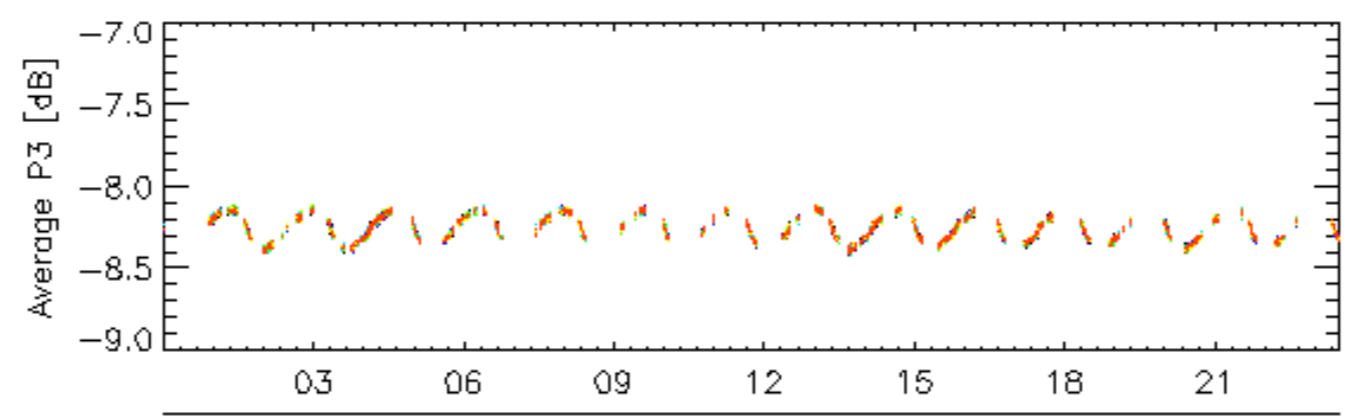
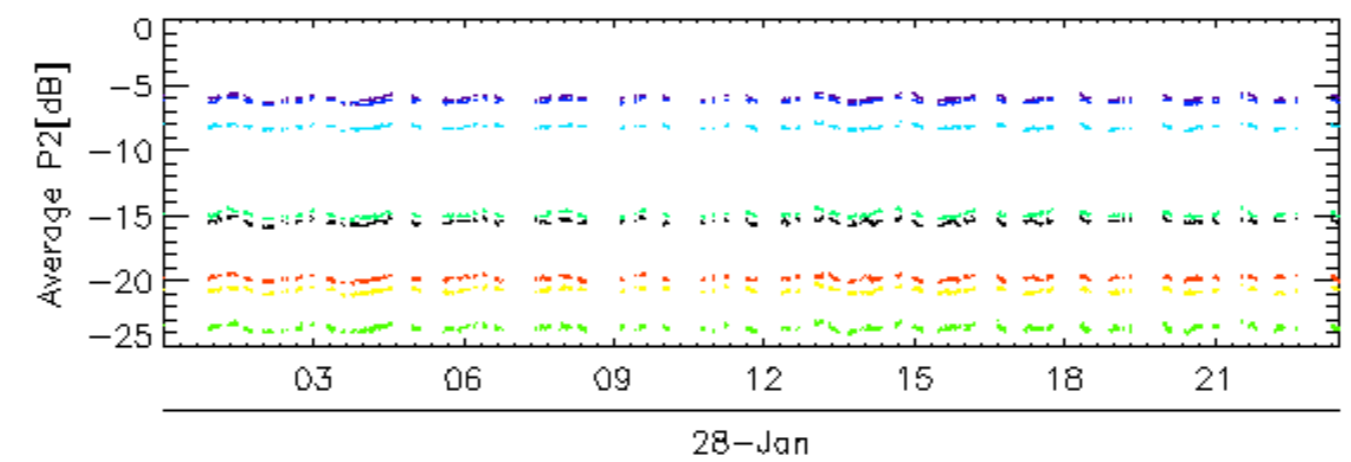
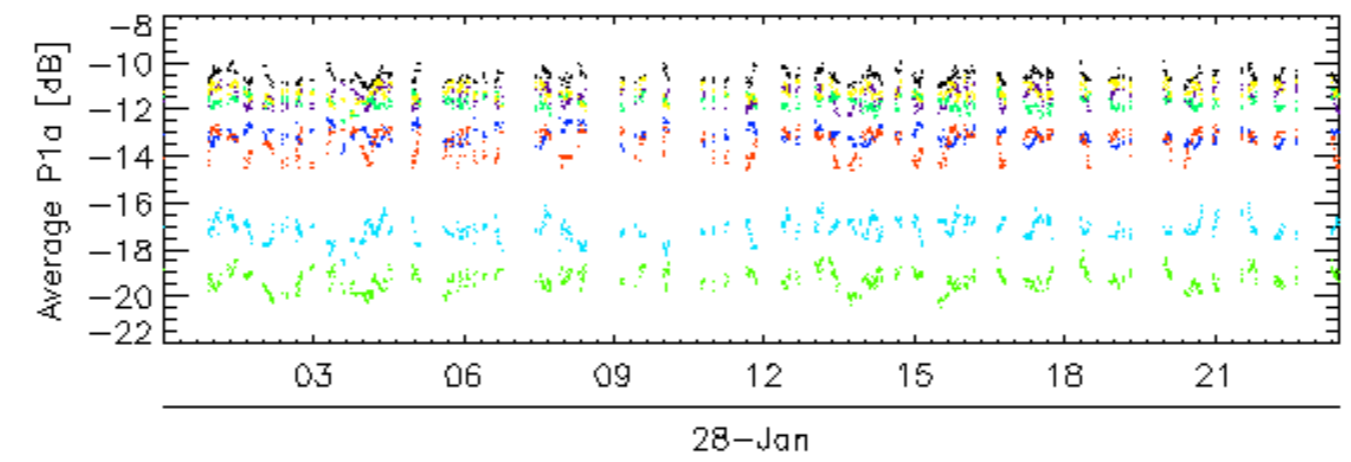
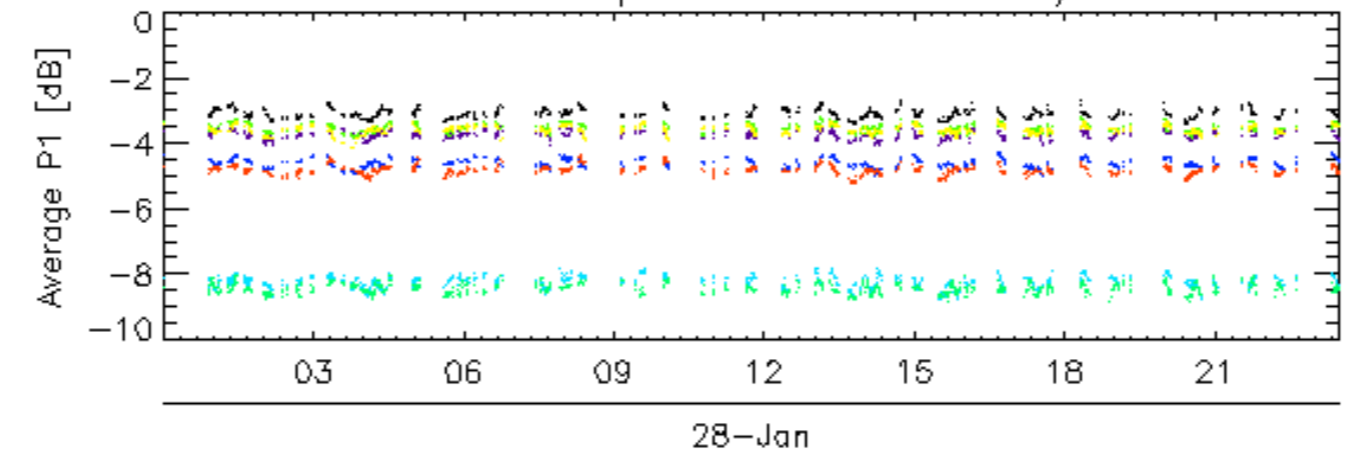
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WSM_1PNPDE20120128_000109_000002813111_00102_51840_4443.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_000633_000003493111_00102_51840_4446.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_004415_000005513111_00103_51841_4487.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_014604_000003553111_00103_51841_4491.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_022918_000005693111_00104_51842_4516.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_025126_000001353111_00104_51842_4512.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_032509_000003923111_00104_51842_4548.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_043332_000002513111_00105_51843_4553.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_050728_000001843111_00105_51843_4591.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_054730_000003303111_00106_51844_4595.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_091439_000002693111_00108_51846_4668.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_092310_000000923111_00108_51846_4669.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_092704_000000923111_00108_51846_4670.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_093735_000002203111_00108_51846_4673.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_100642_000003003111_00108_51846_4710.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_104951_000001713111_00109_51847_4711.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_142129_000001773111_00111_51849_4744.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_151003_000001843111_00111_51849_4746.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_155510_000003063111_00112_51850_4749.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_161328_000001533111_00112_51850_4750.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_164956_000002143111_00112_51850_4748.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_173415_000002393111_00113_51851_4756.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_183010_000002143111_00113_51851_4758.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_191353_000002323111_00114_51852_4761.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_192025_000002753111_00114_51852_4768.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_200857_000002883111_00114_51852_4767.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_205051_000003923111_00115_51853_4797.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_210404_000000923111_00115_51853_4799.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_215023_000002753111_00115_51853_4790.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_220831_000001533111_00115_51853_4800.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_223318_000002143111_00116_51854_4813.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_223846_000003923111_00116_51854_4821.N1					OK	OK	OK	OK
ASA_WSM_1PNPDE20120128_232942_000003303111_00116_51854_4810.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_021933_000001773111_00104_51842_9694.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_064247_000001223111_00106_51844_9879.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_064620_000002753111_00106_51844_9898.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_072808_000001653111_00107_51845_9895.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_082631_000002263111_00107_51845_0019.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_091211_000001163111_00108_51846_0018.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_092025_000002693111_00108_51846_0023.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_105329_000003063111_00109_51847_0047.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_123123_000001843111_00110_51848_0128.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_123343_000003363111_00110_51848_0098.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_132855_000001903111_00110_51848_0131.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_142750_000000923111_00111_51849_0151.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_160616_000001773111_00112_51850_0197.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_190637_000001533111_00114_51852_0237.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_191056_000002083111_00114_51852_0238.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_204524_000002693111_00115_51853_0277.N1					OK	OK	OK	OK
ASA_WSM_1PNPDK20120128_222918_000002083111_00116_51854_0291.N1					OK	OK	OK	OK

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

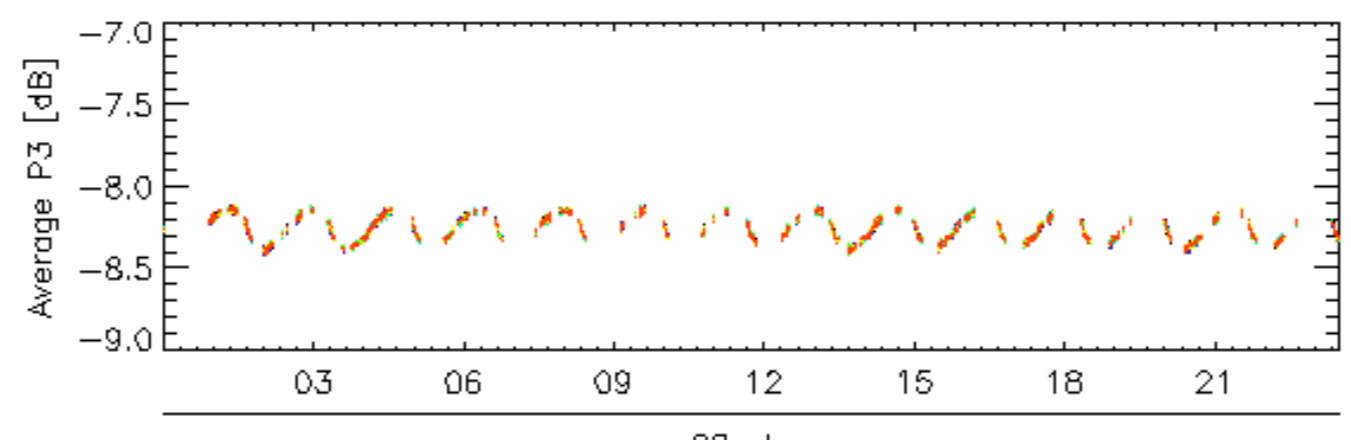
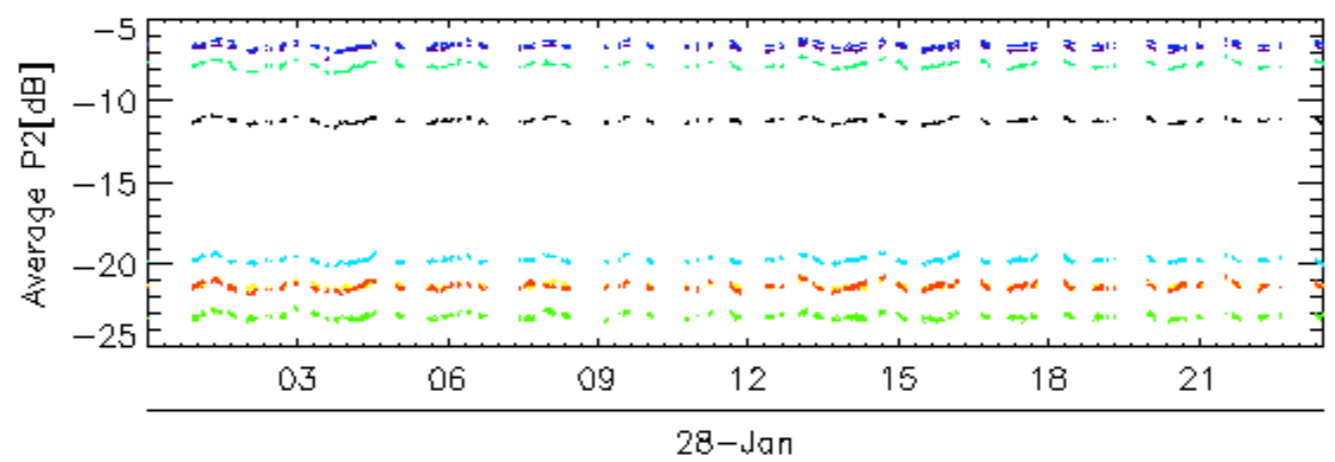
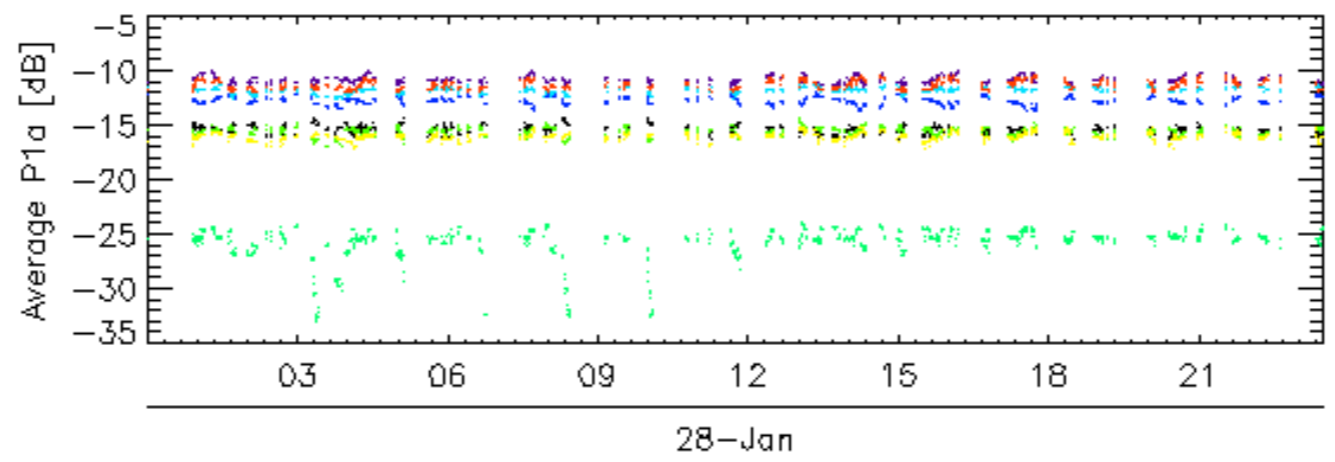
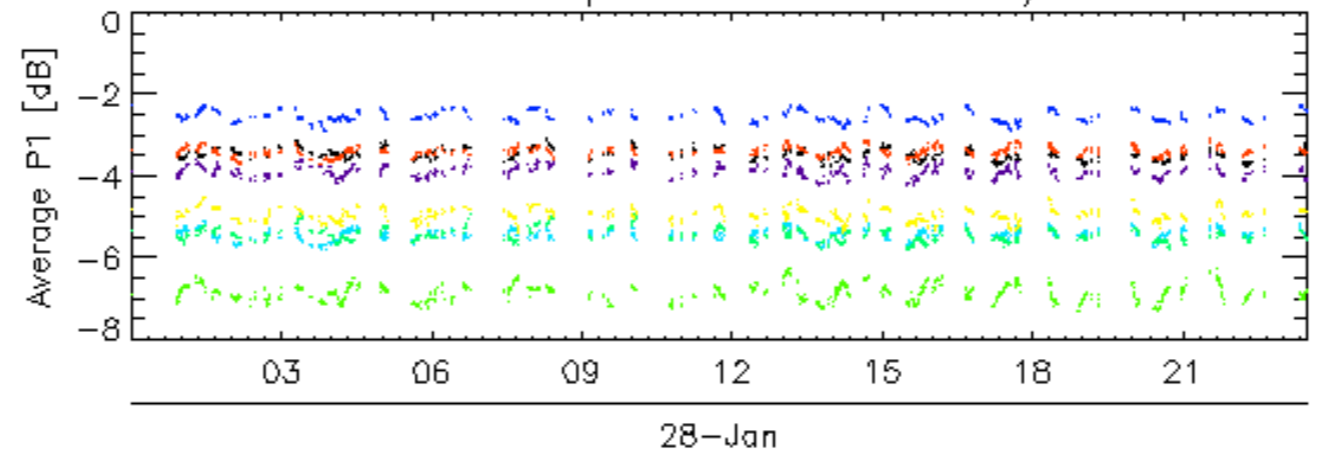
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
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ASA_WVS_1PNPDE20120128_001706_000015893111_00102_51840_4489.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_010931_000004363111_00103_51841_4494.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_012829_000004653111_00103_51841_4495.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_015157_000001193111_00103_51841_4497.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_015312_000003453111_00103_51841_4515.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_021045_000004793111_00104_51842_4520.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_030009_000004343111_00104_51842_4518.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_030709_000005553111_00104_51842_4554.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20120128_033141_000001053111_00104_51842_4558.N1					OK	OK	OK	OK
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ASA_WVS_1PNPDE20120128_035259_000001793111_00105_51843_4563.N1					OK	OK	OK	OK
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Calibration pulses for GM1 SS3 H/H



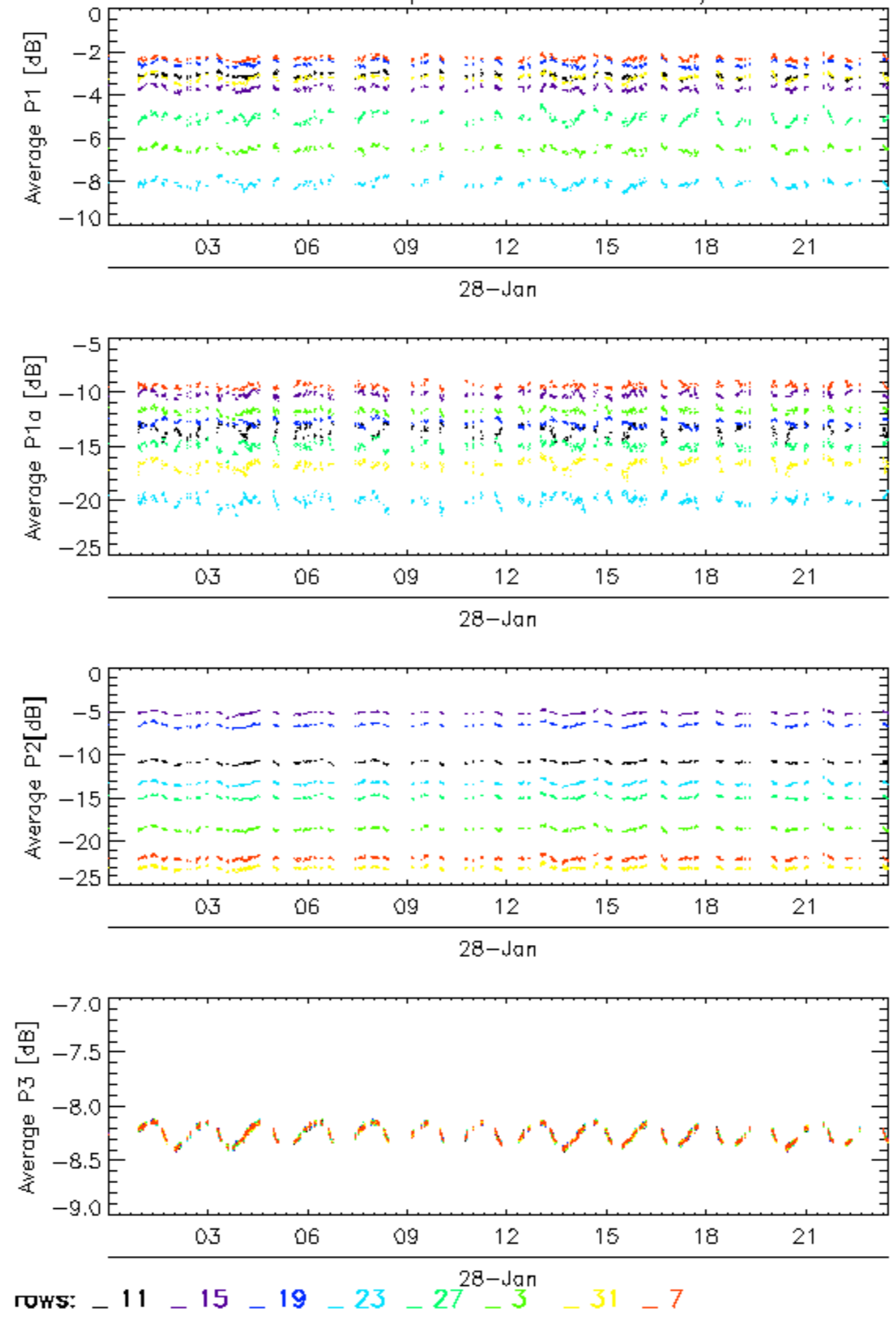
rows: 1 13 17 21 25 29 5 9

Calibration pulses for GM1 SS3 H/H

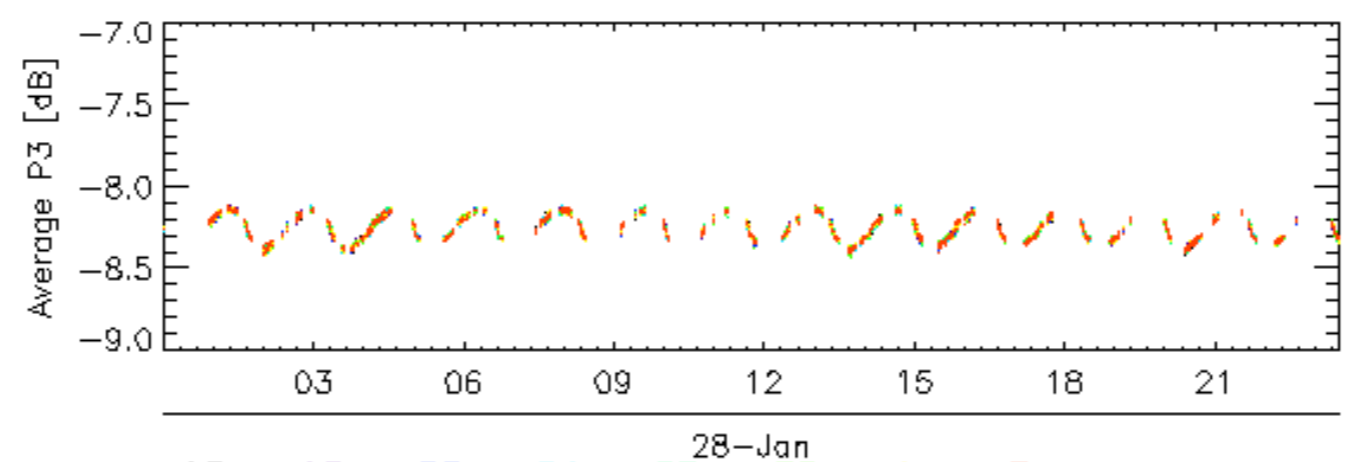
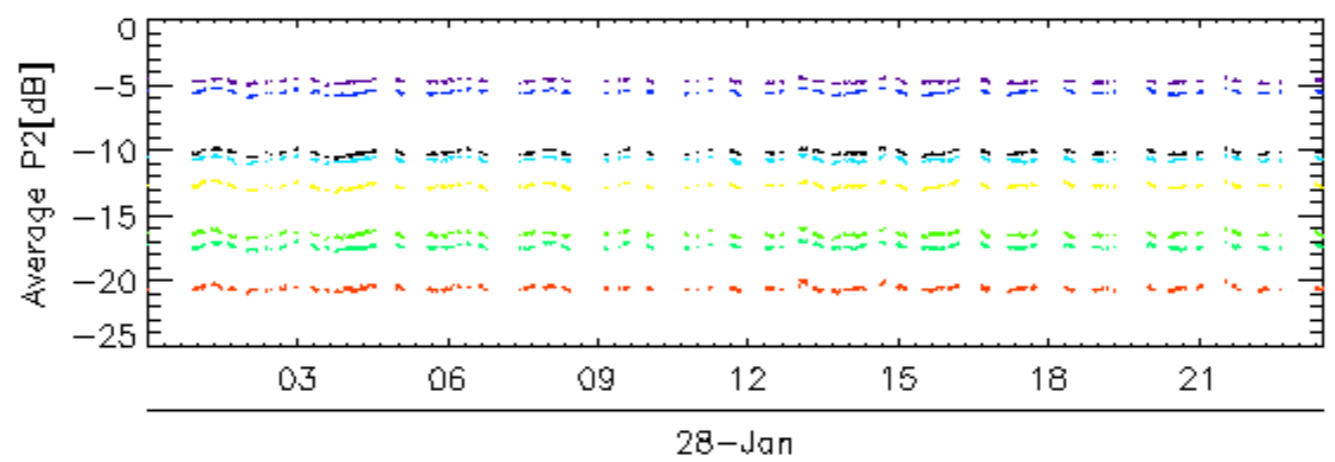
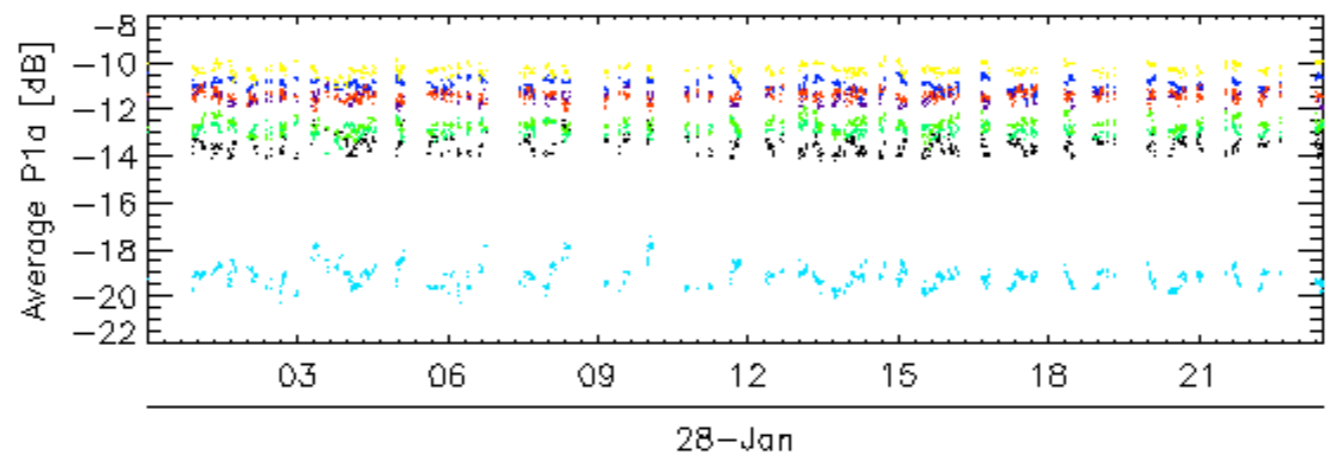
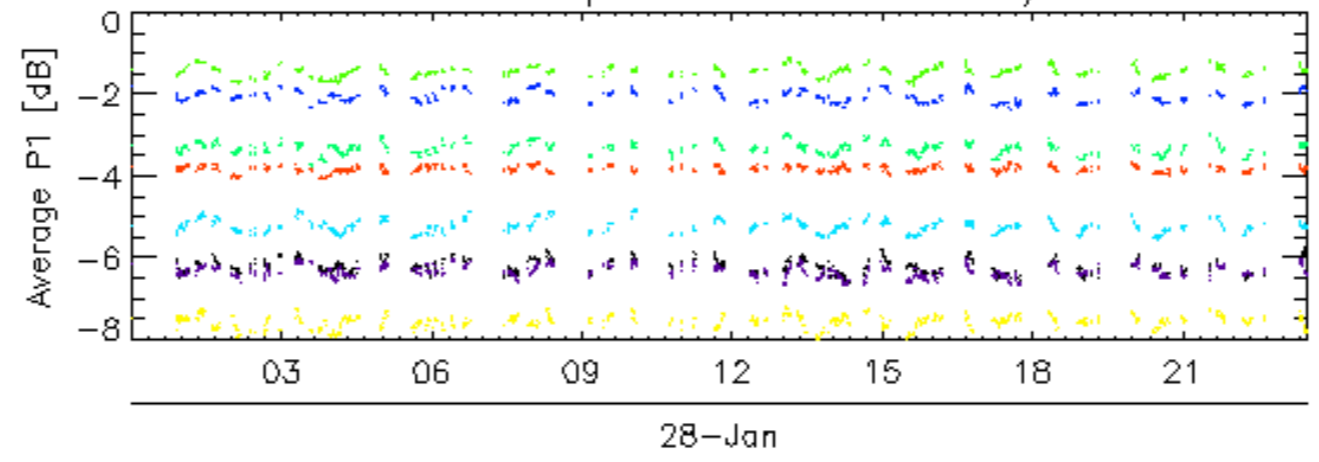


rows: — 10 — 14 — 18 — 2 — 22 — 26 — 30 — 6

Calibration pulses for GM1 SS3 H/H

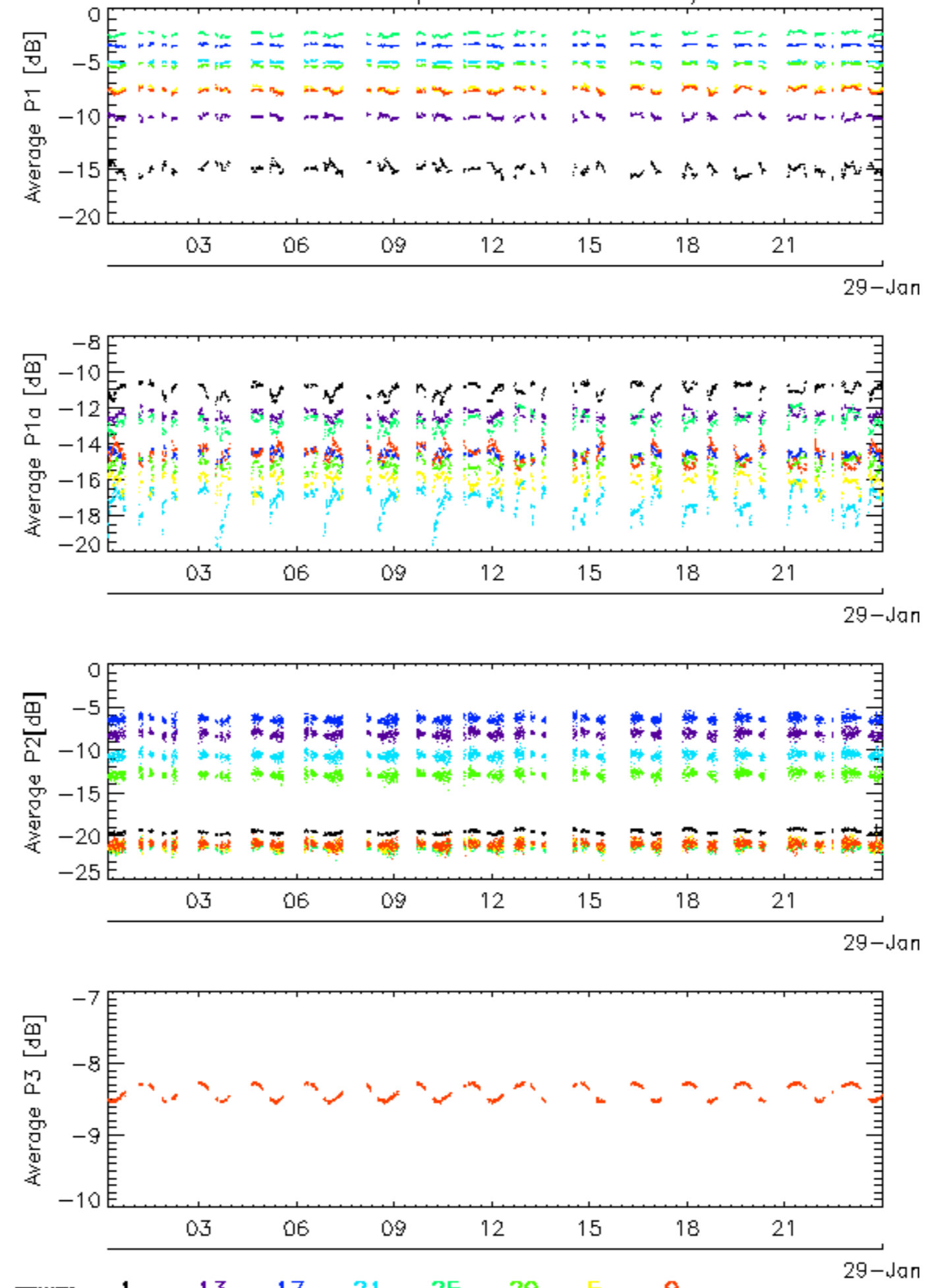


Calibration pulses for GM1 SS3 H/H



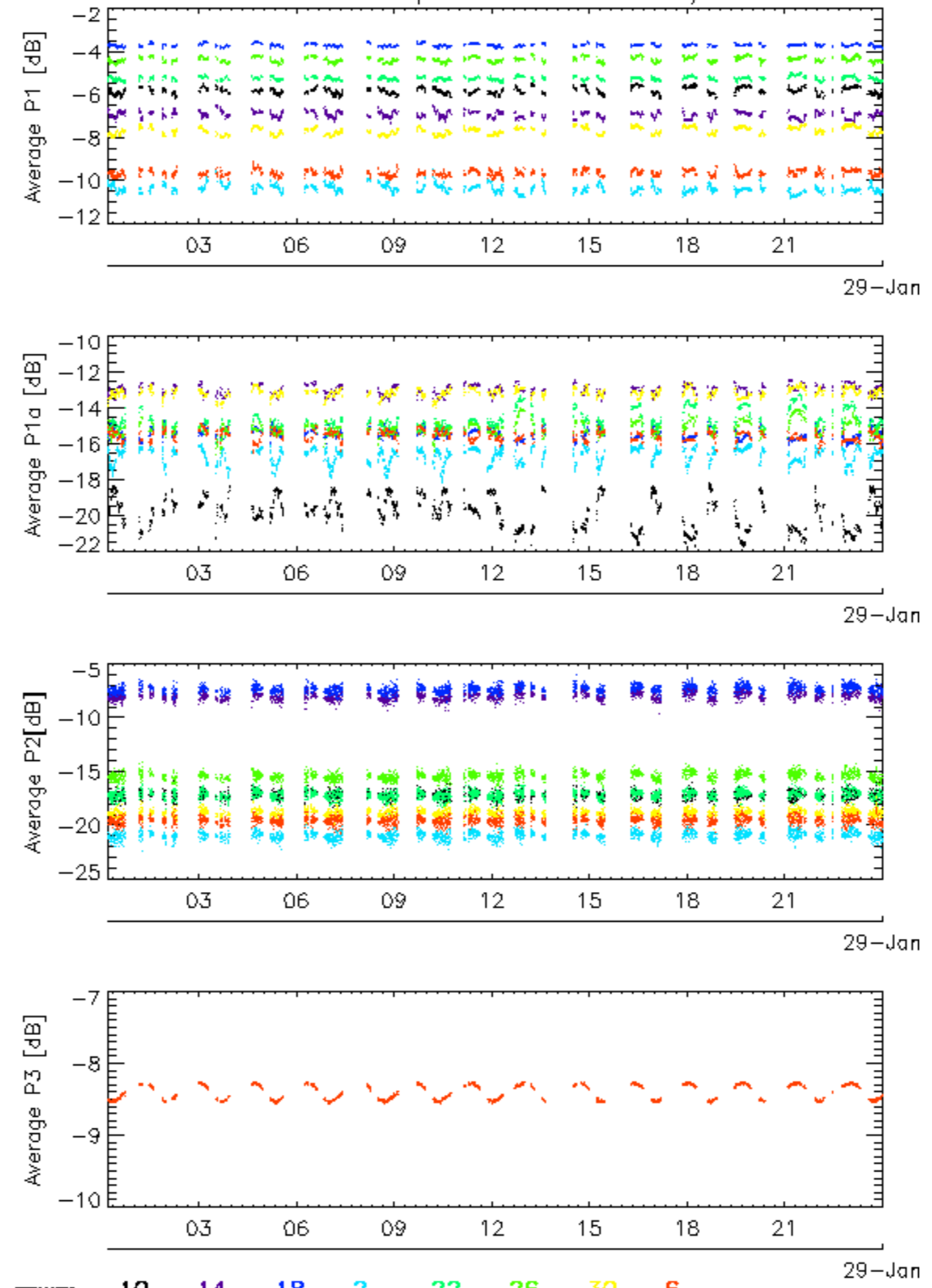
rows: — 12 — 16 — 20 — 24 — 28 — 32 — 4 — 8

Calibration pulses for WVS IS2 V/V



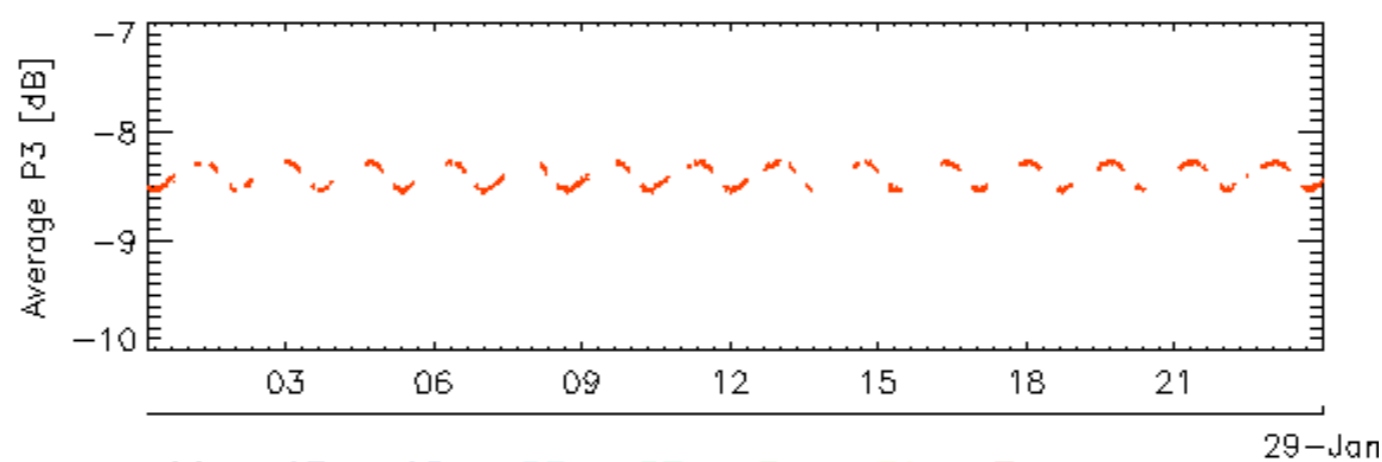
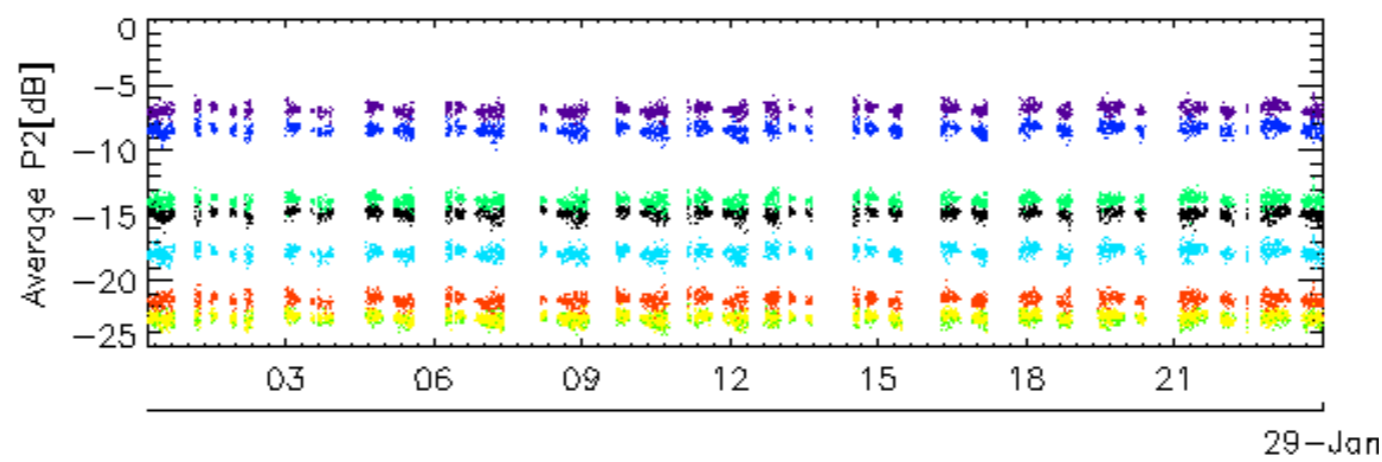
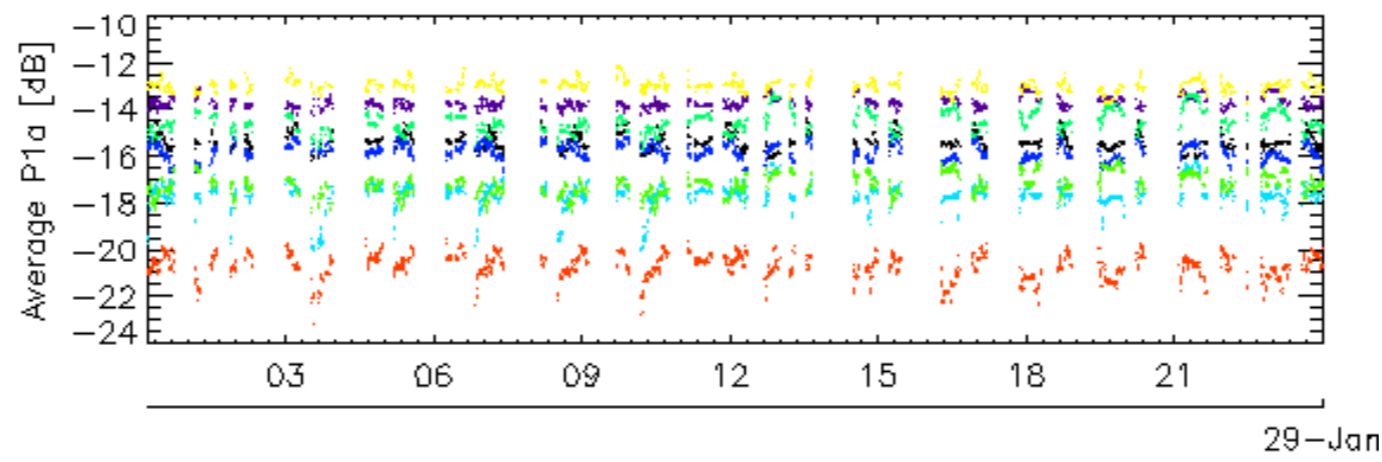
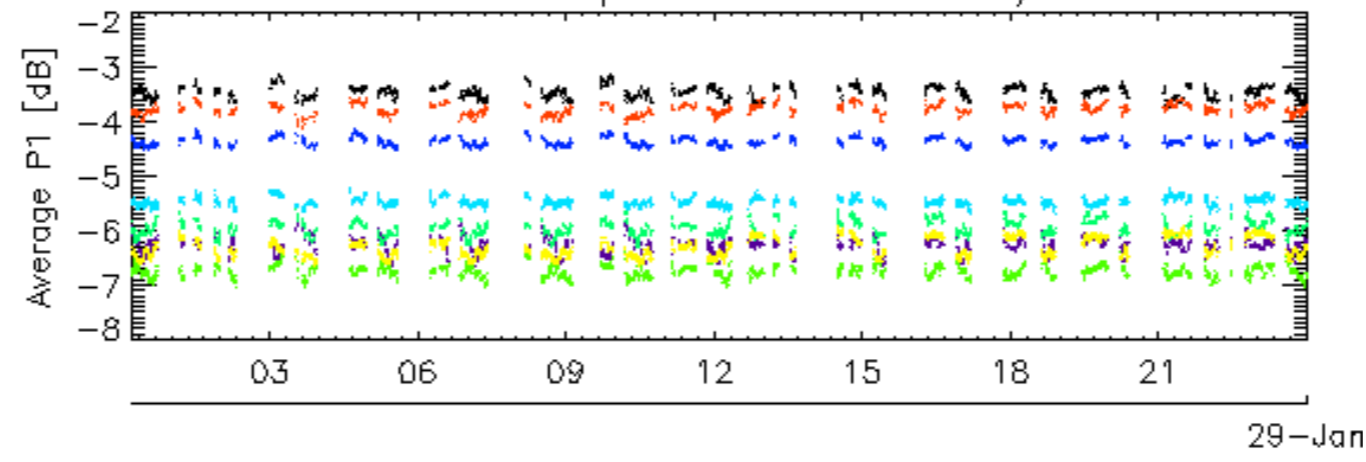
rows: _ 1 _ 13 _ 17 _ 21 _ 25 _ 29 _ 5 _ 9

Calibration pulses for WVS IS2 V/V



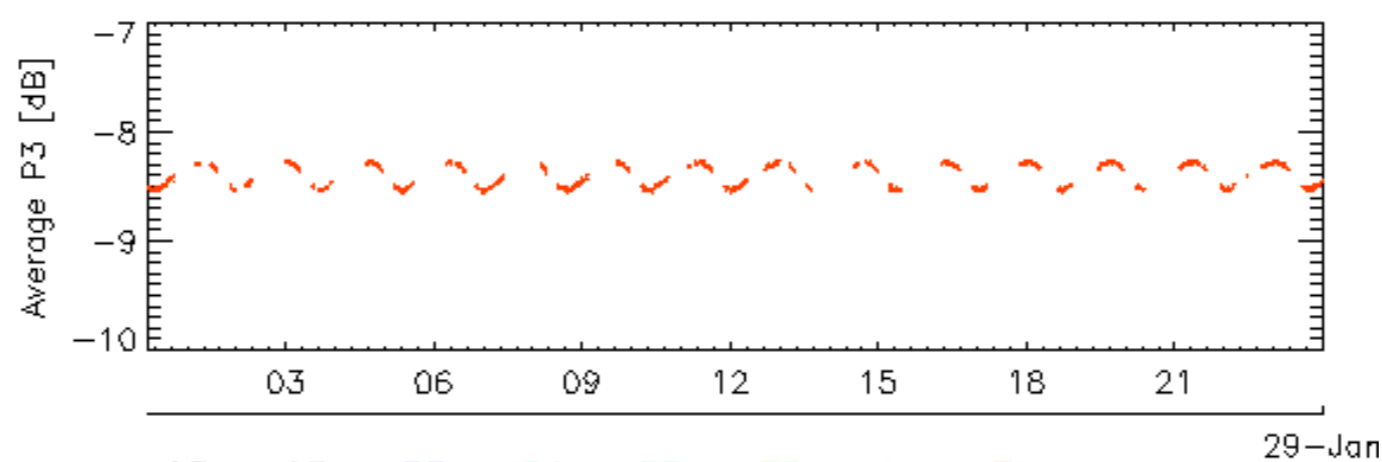
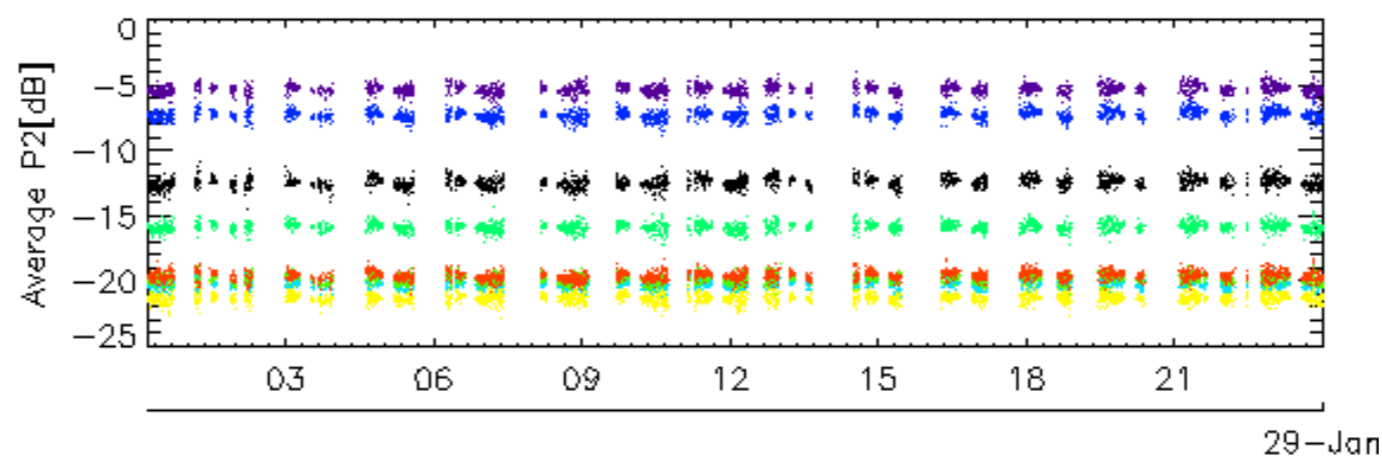
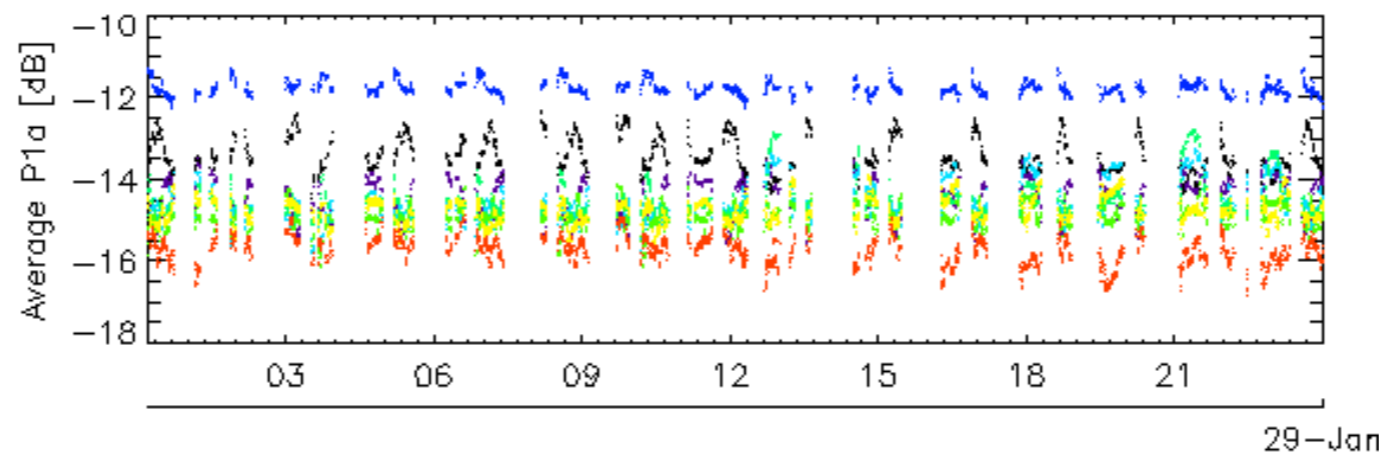
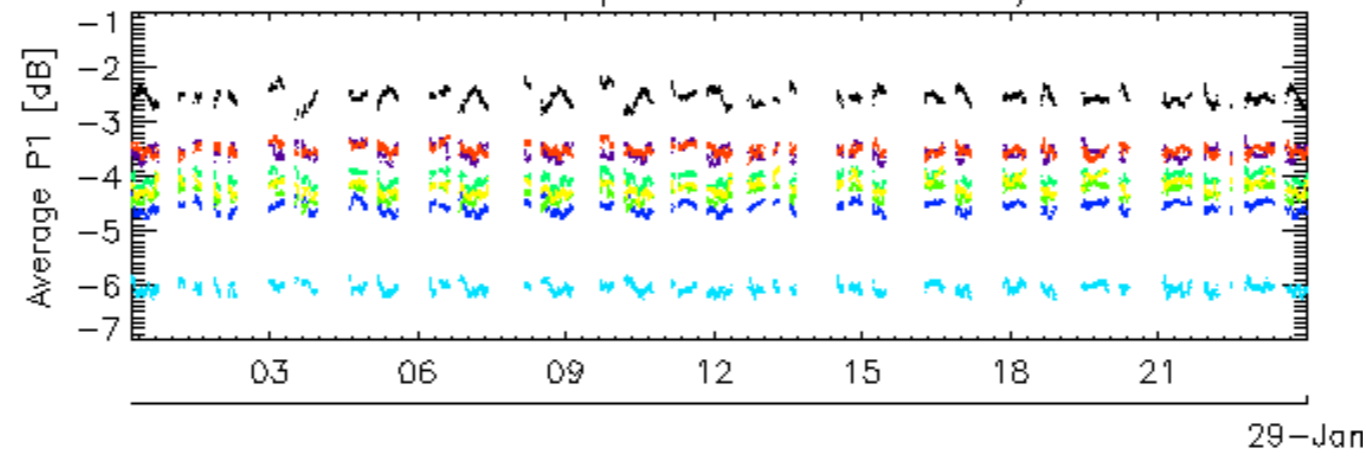
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Calibration pulses for WVS IS2 V/V

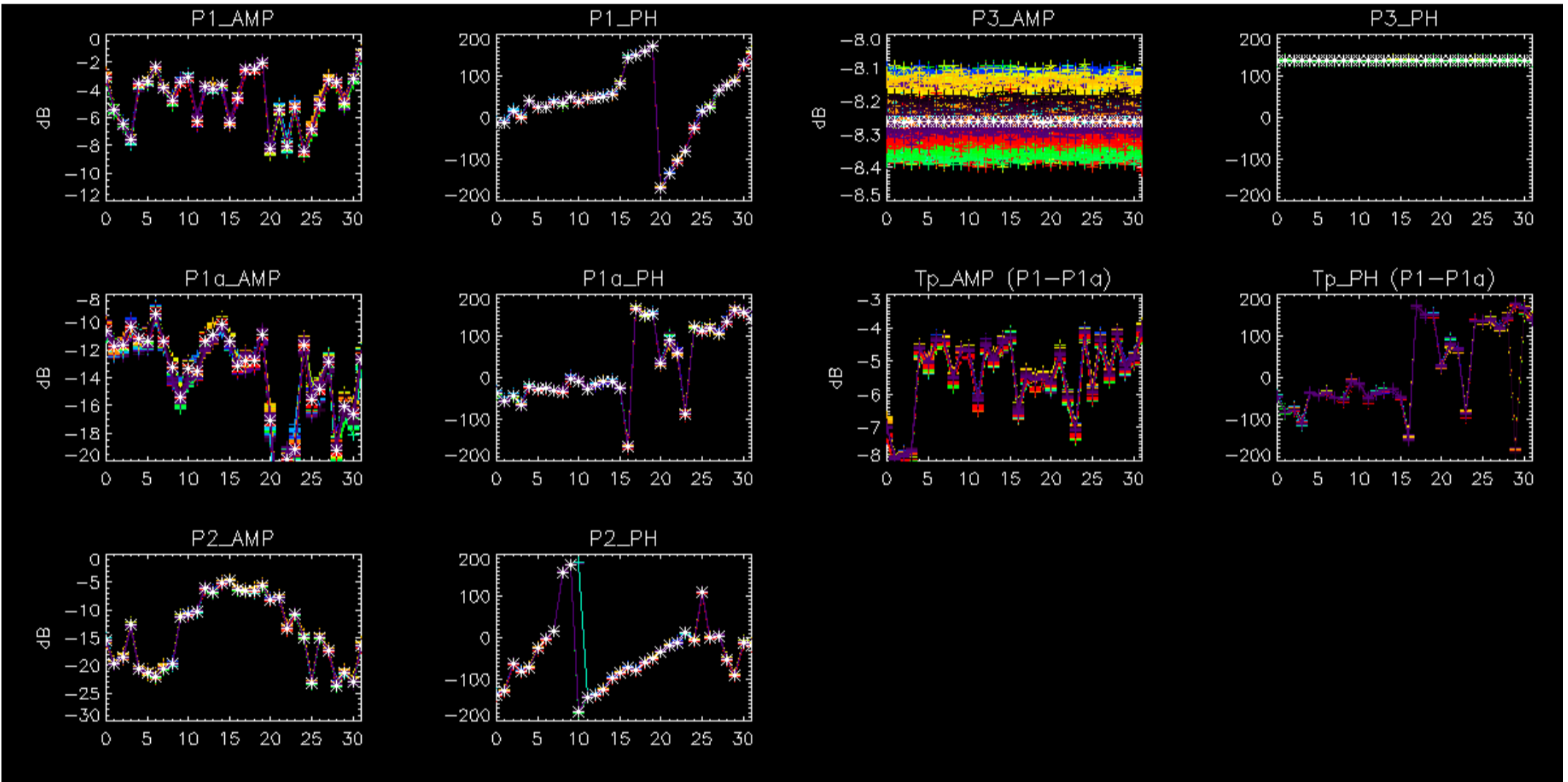


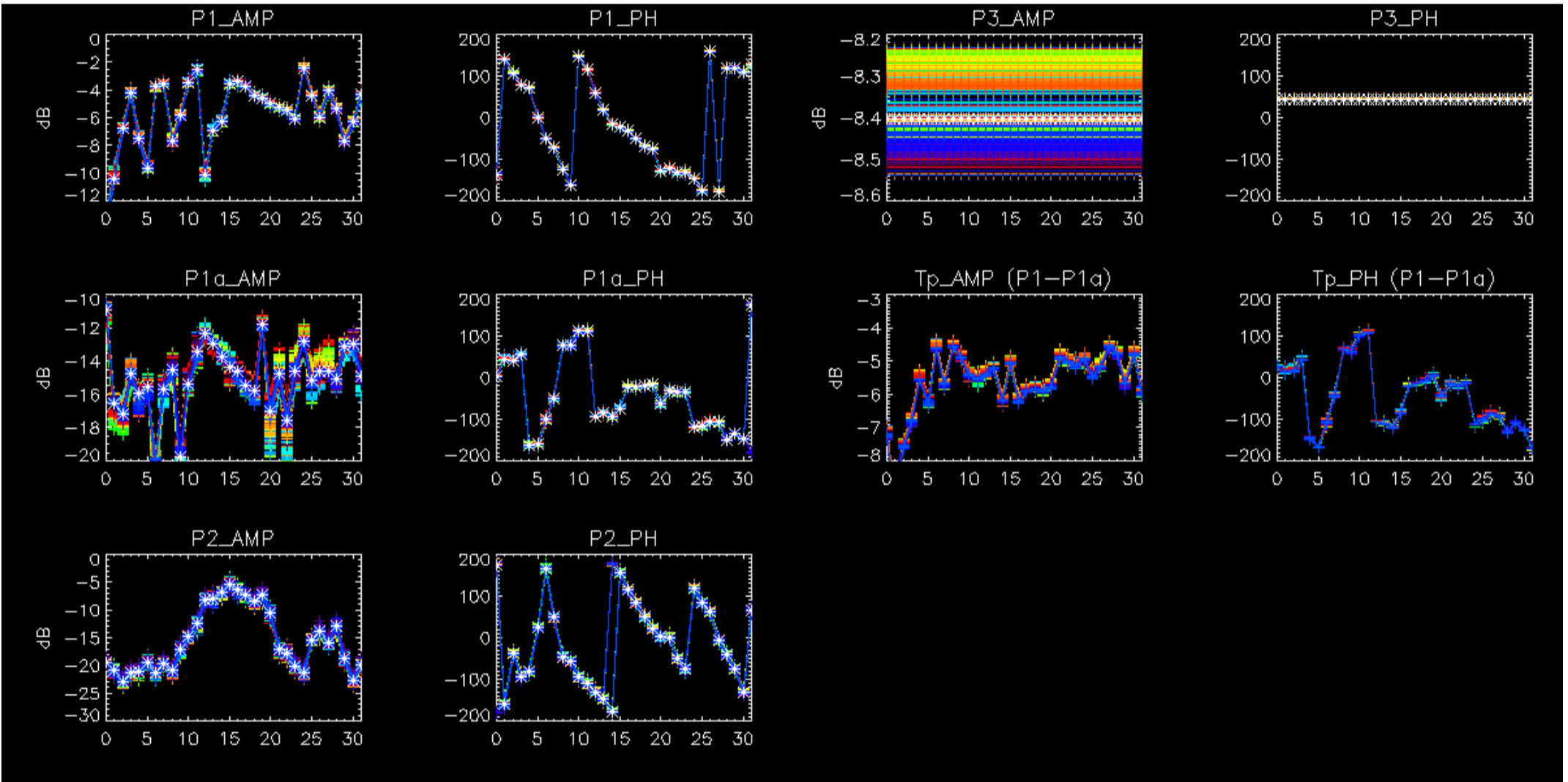
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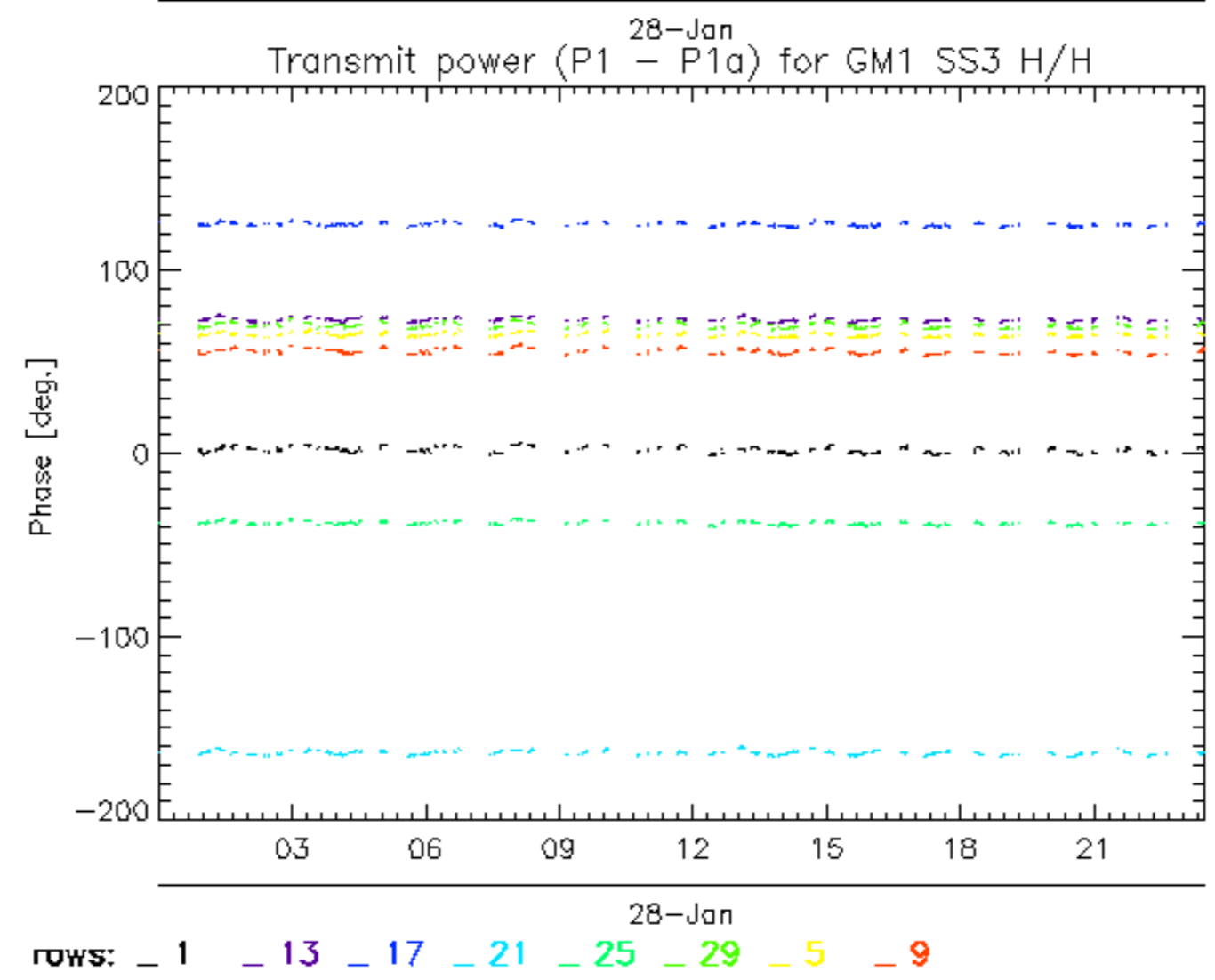
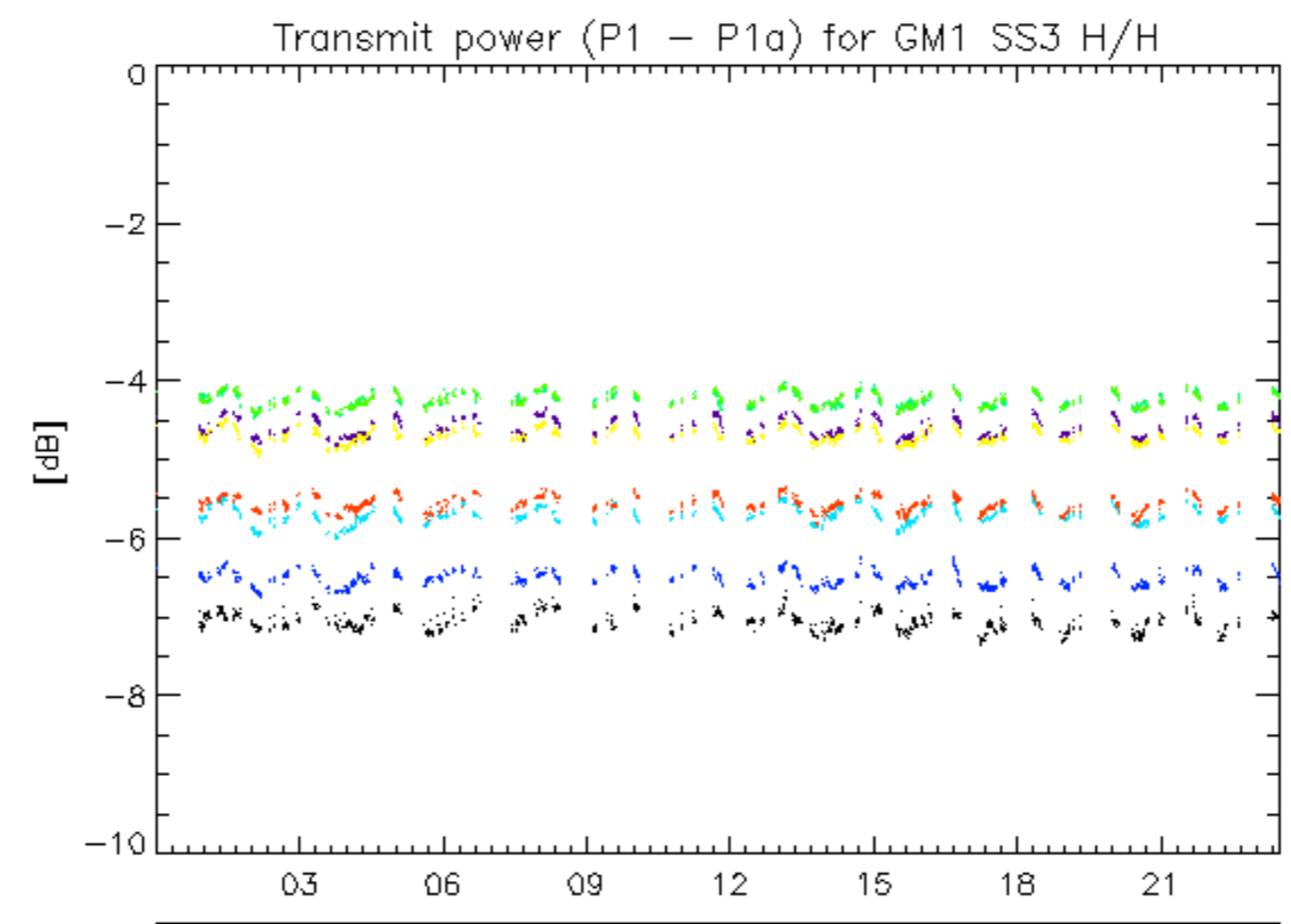
Calibration pulses for WVS IS2 V/V

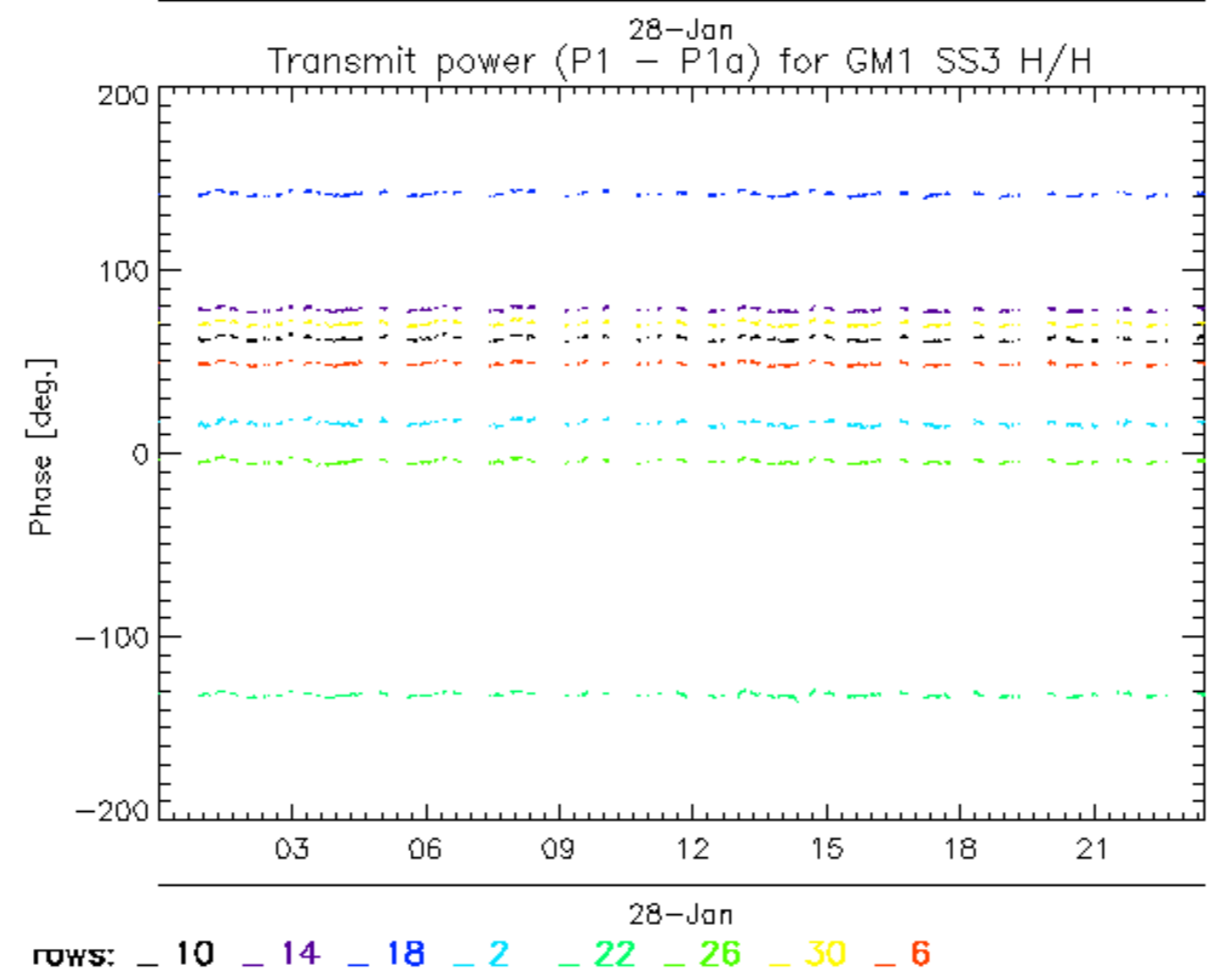
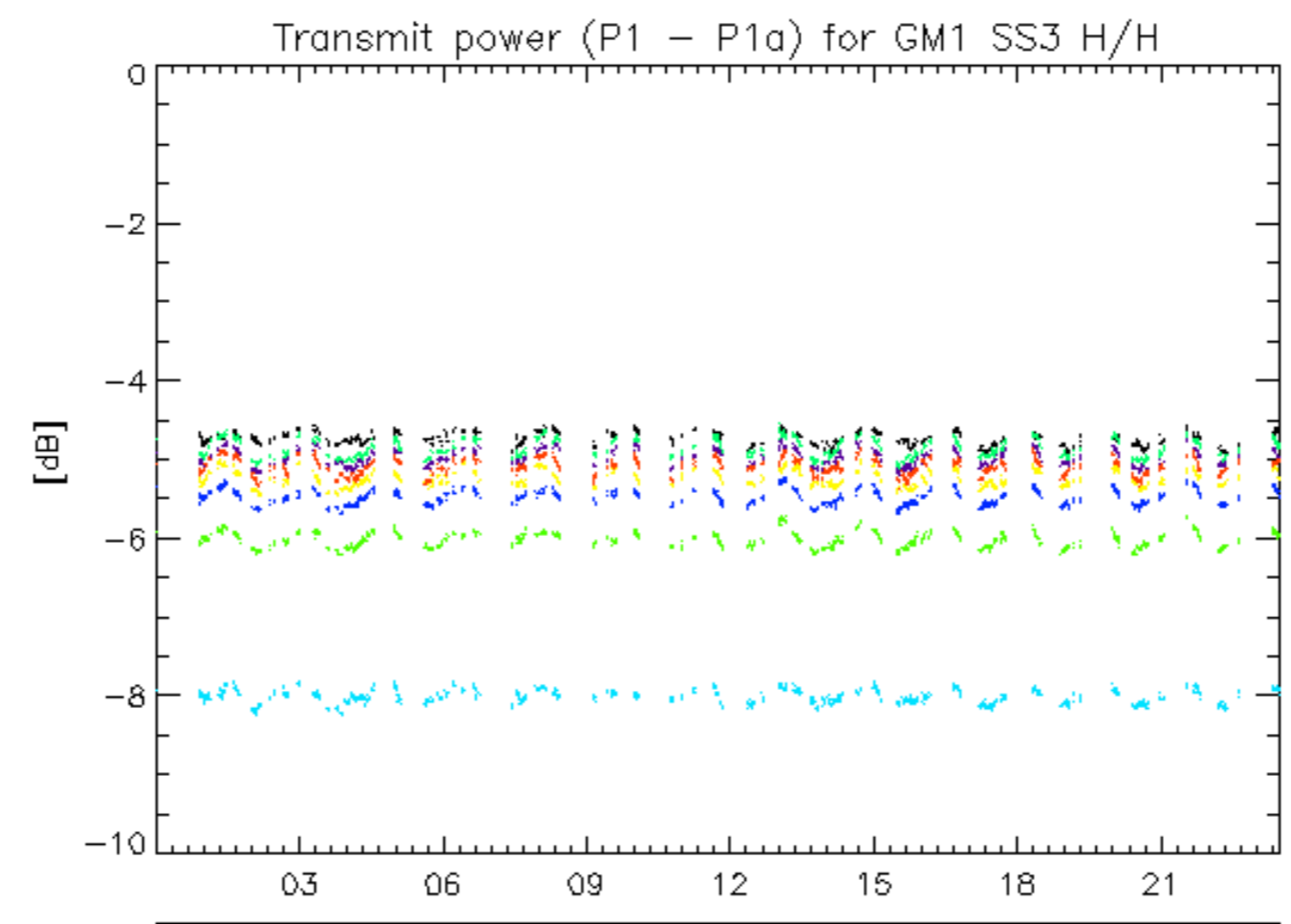


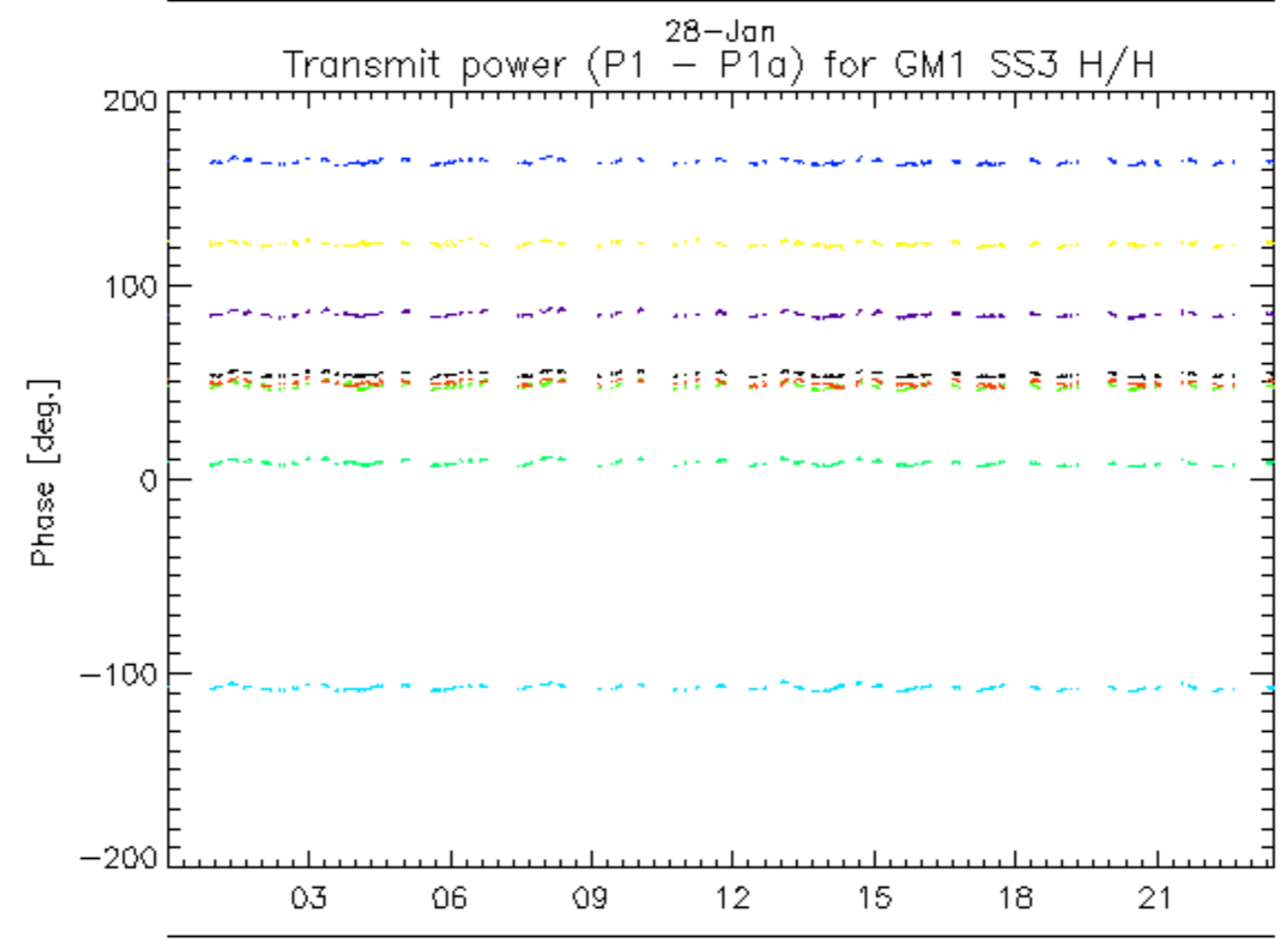
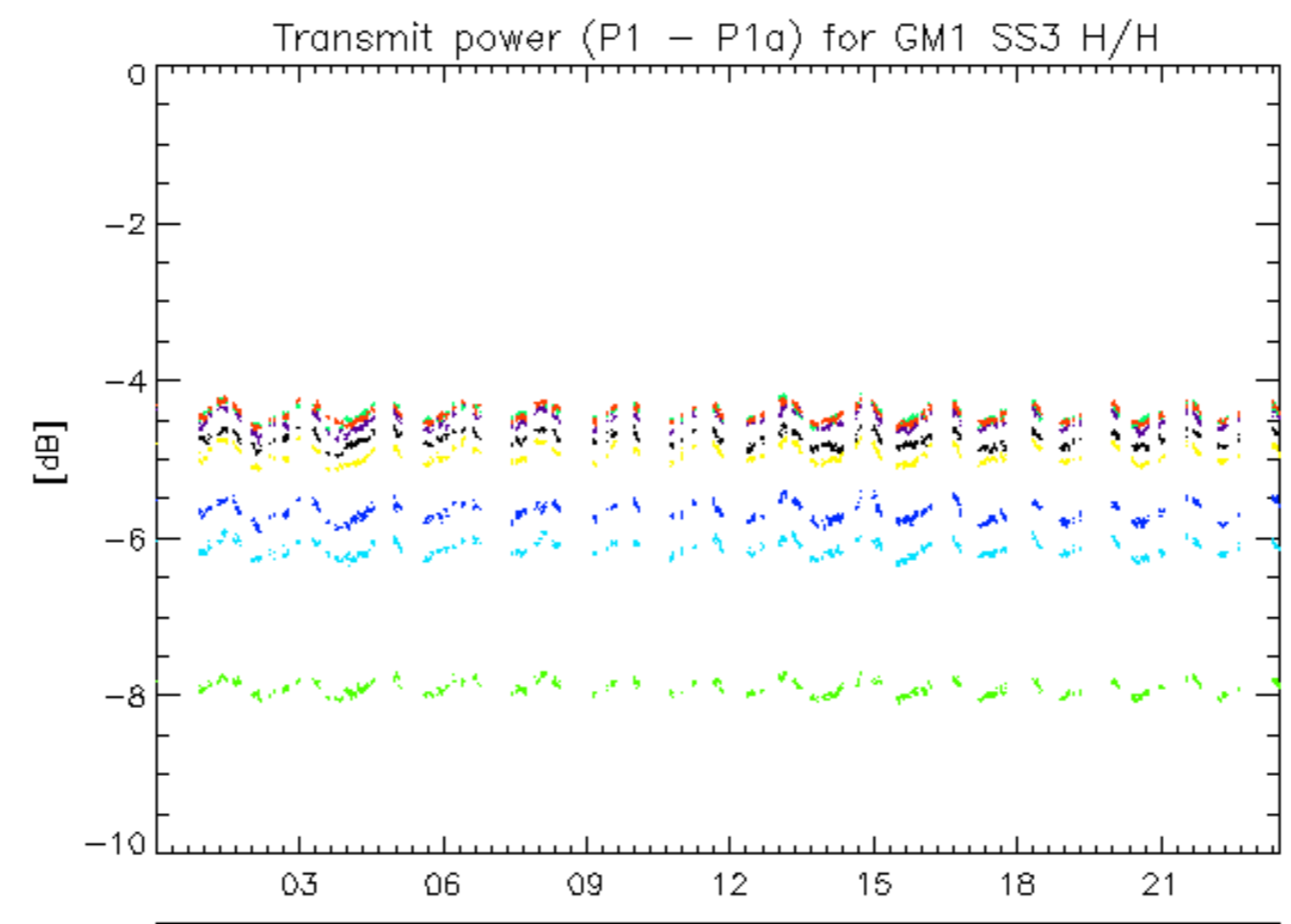
rows: _ 12 _ 16 _ 20 _ 24 _ 28 _ 32 _ 4 _ 8



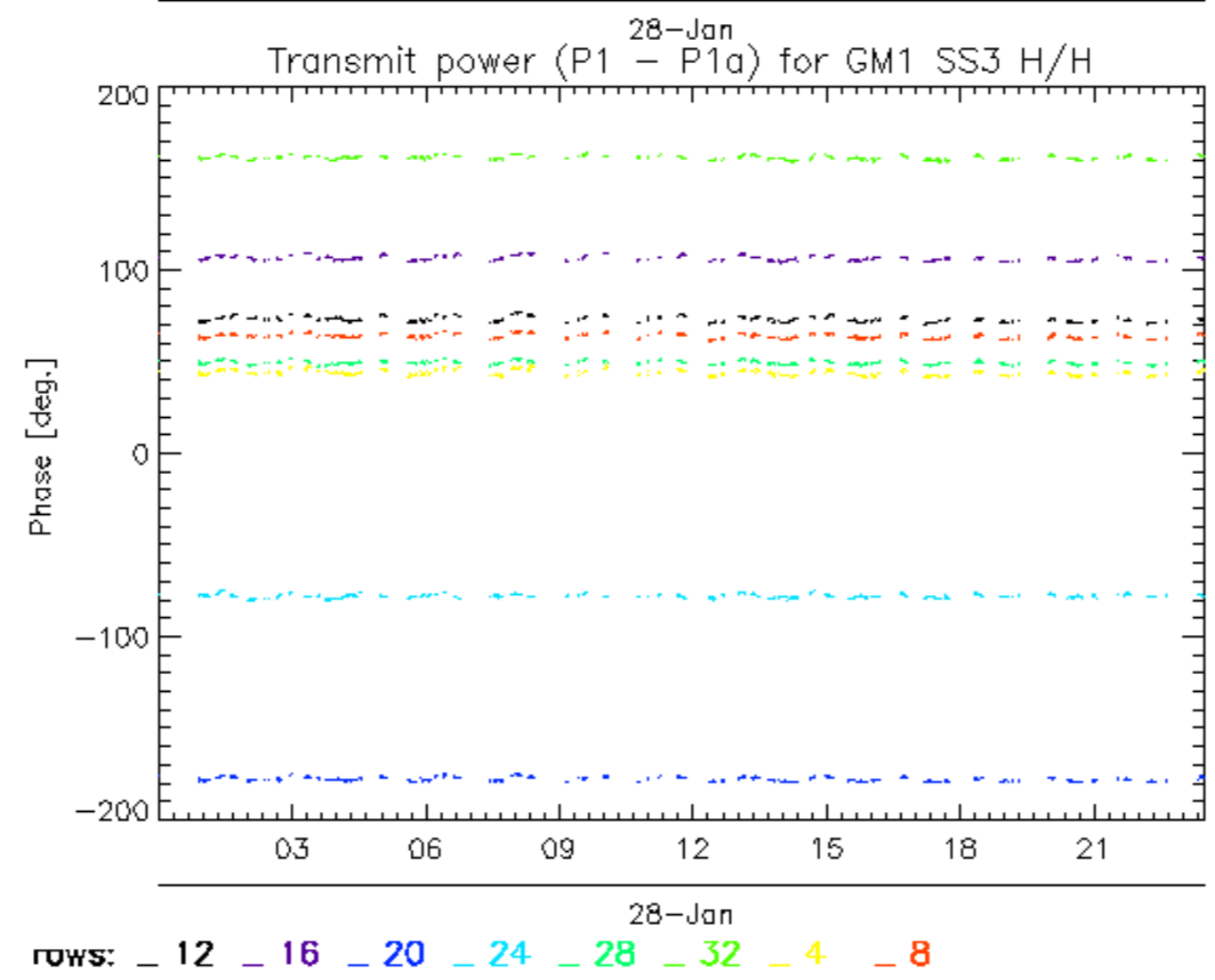
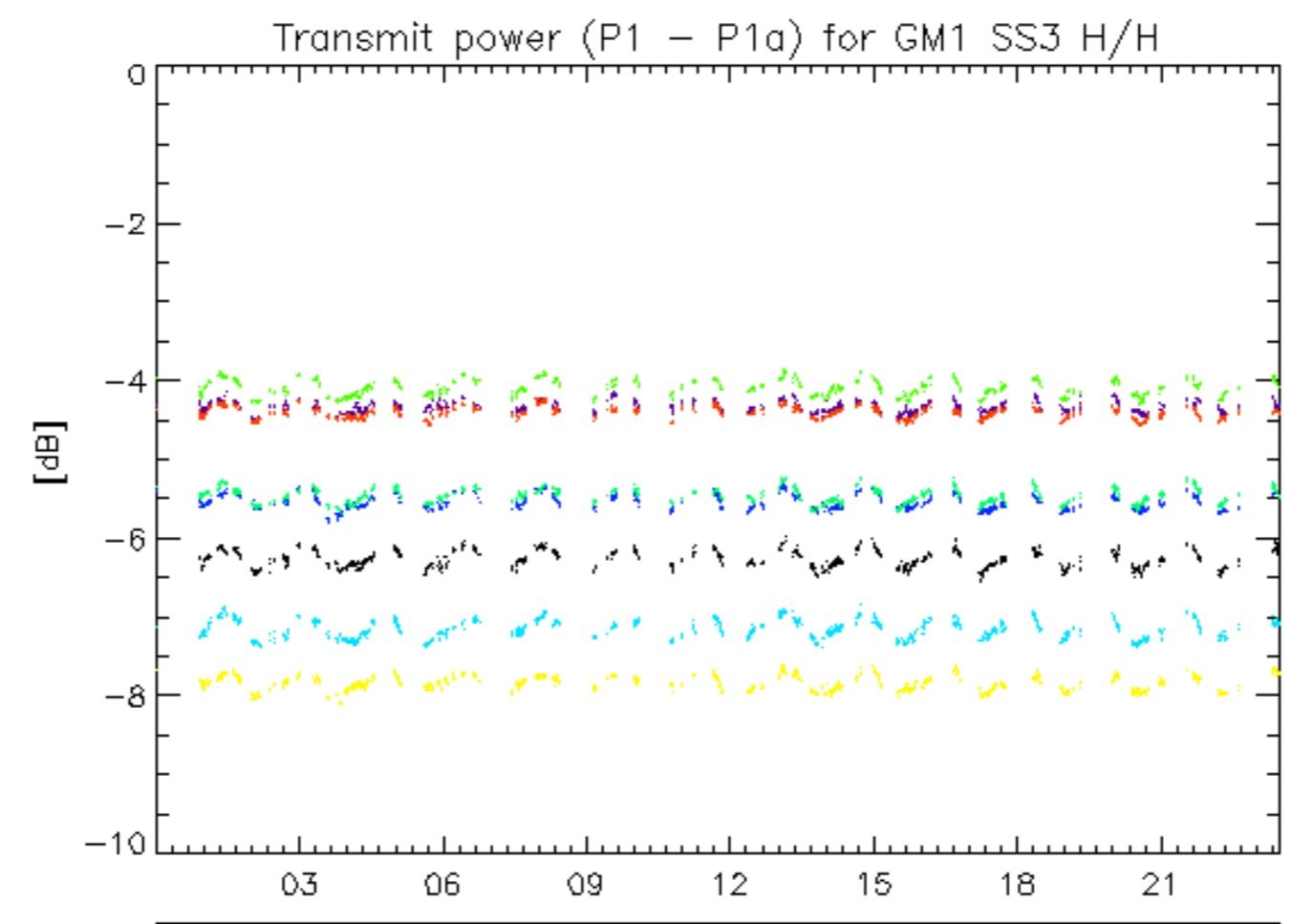


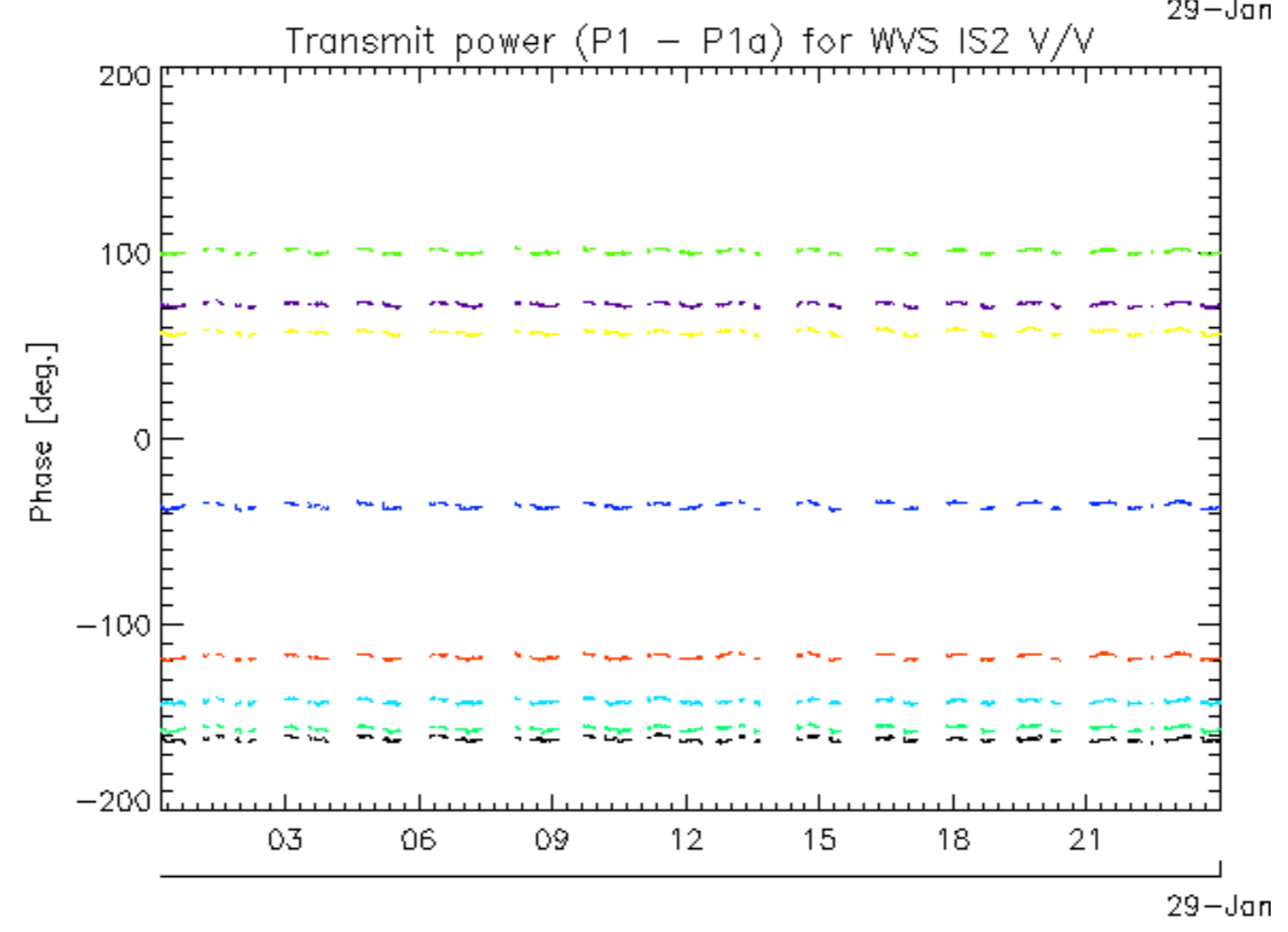
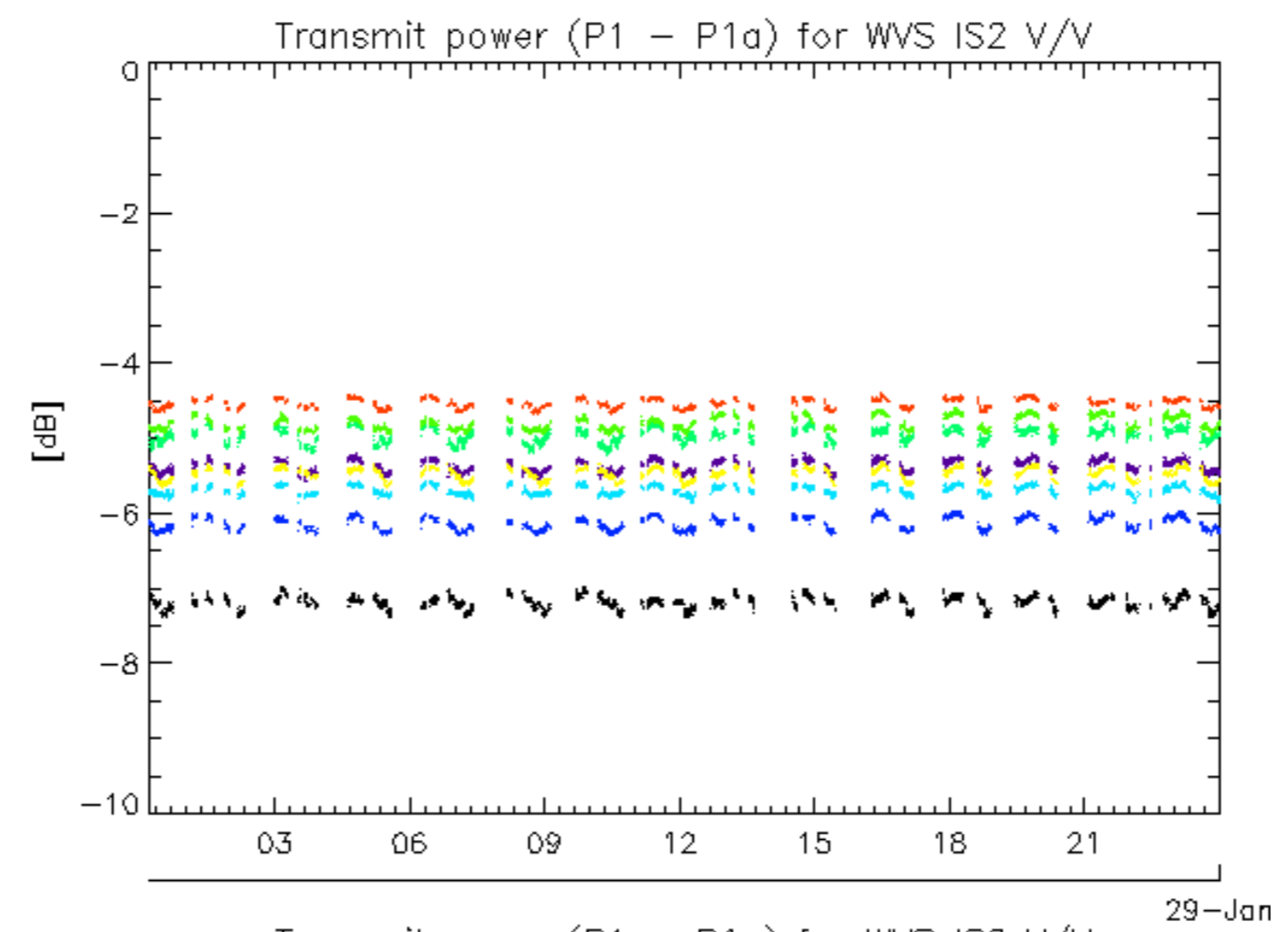




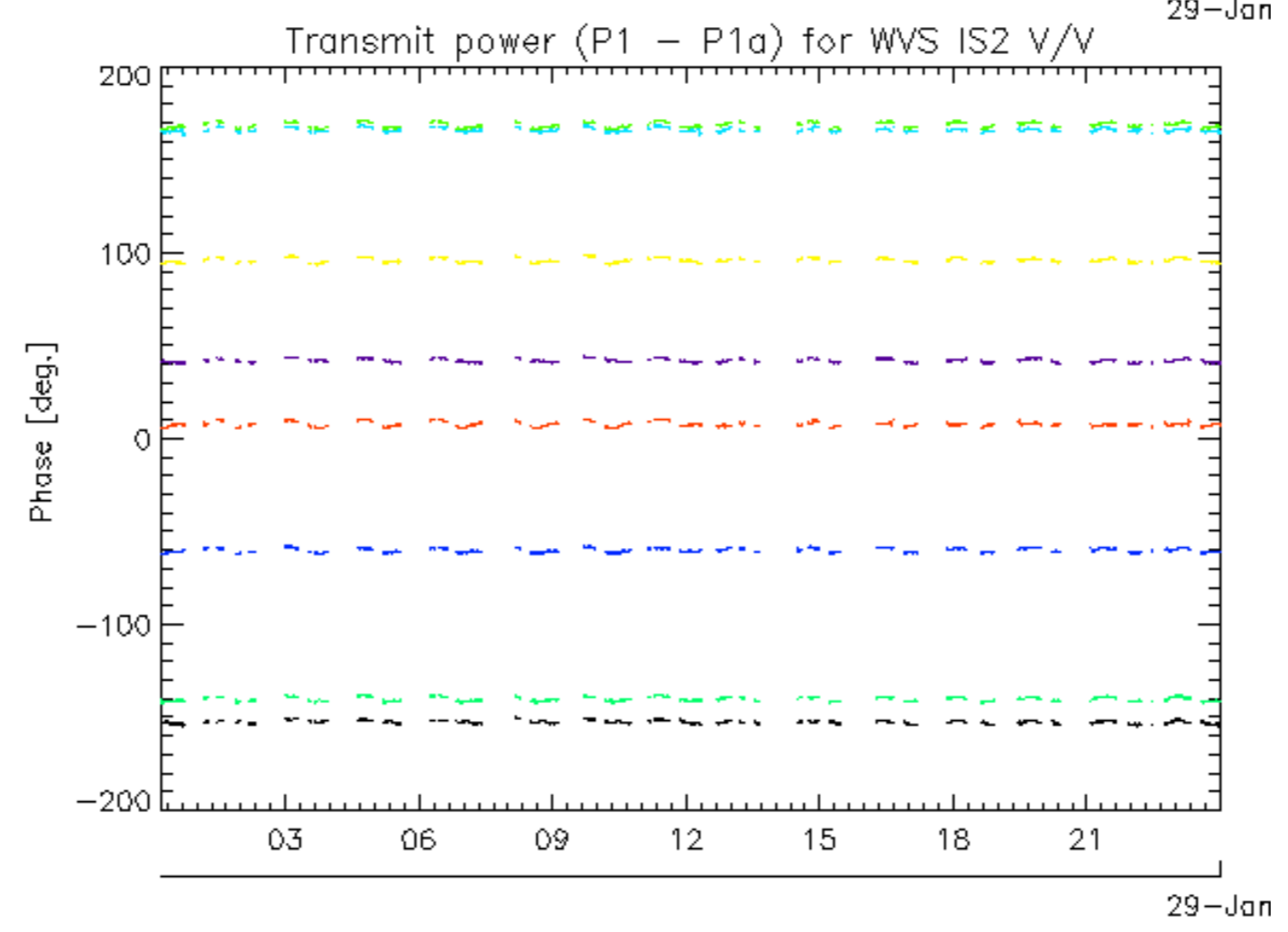
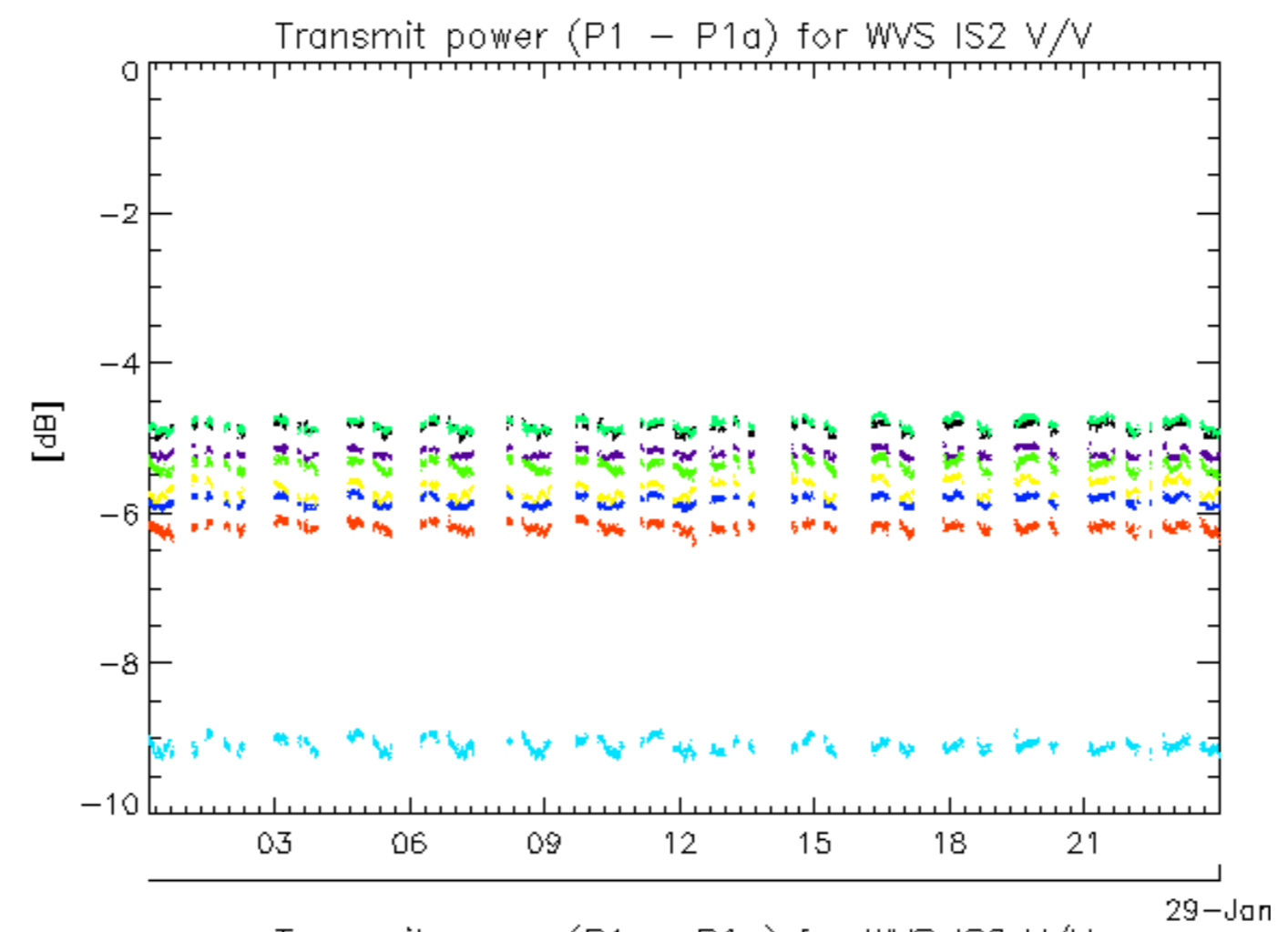


rows: _ 11 _ 15 _ 19 _ 23 _ 27 _ 31 _ 7

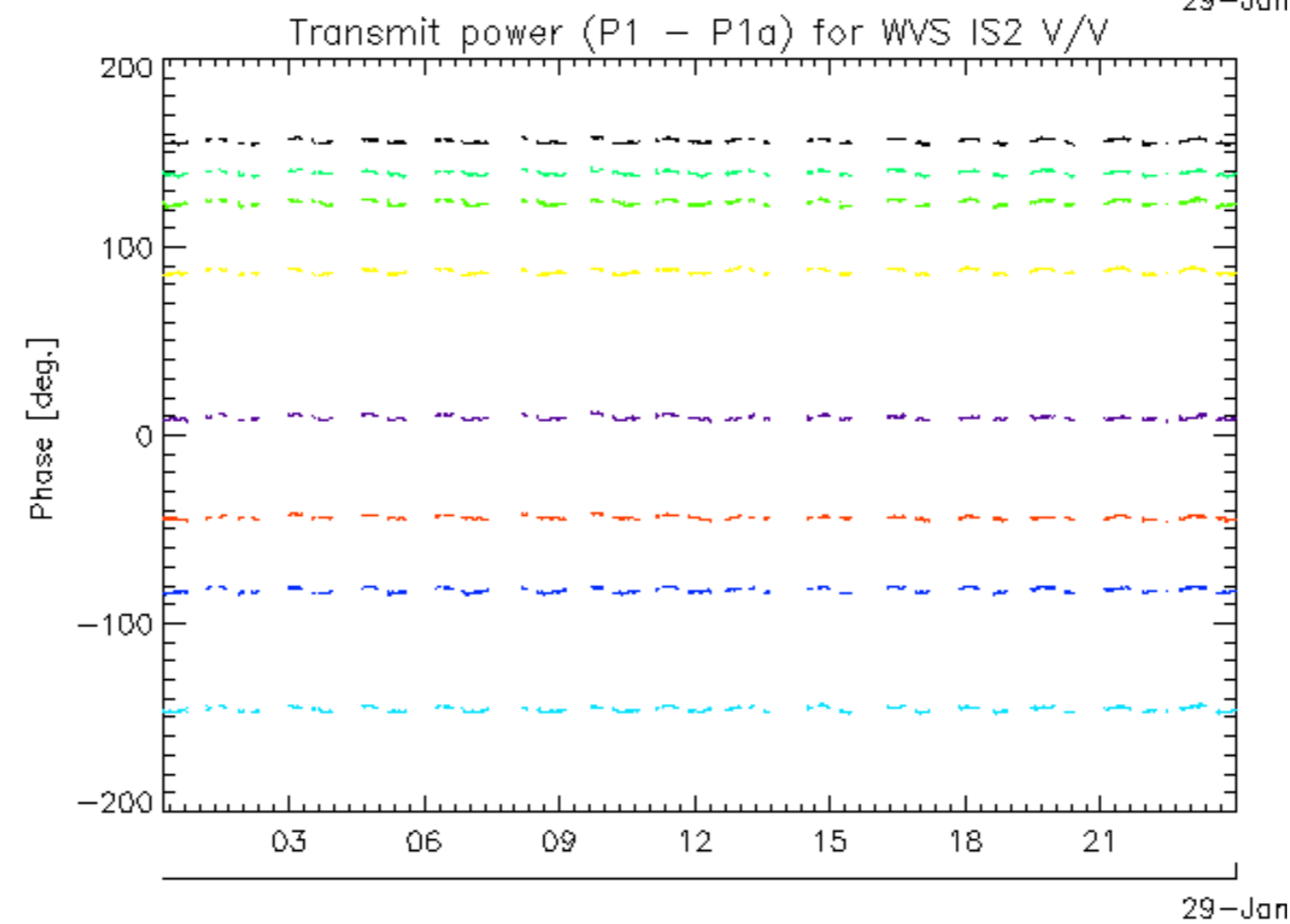
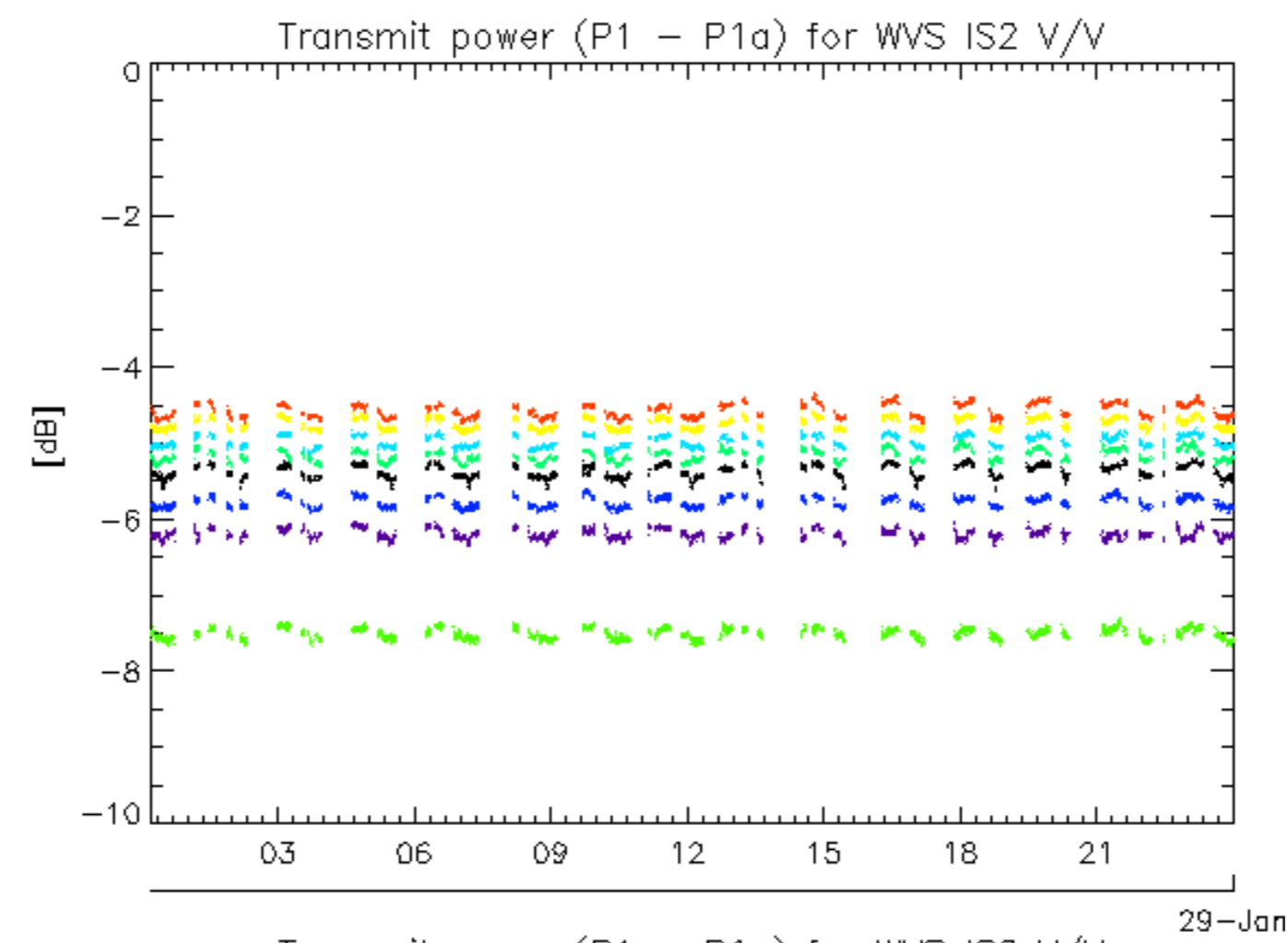




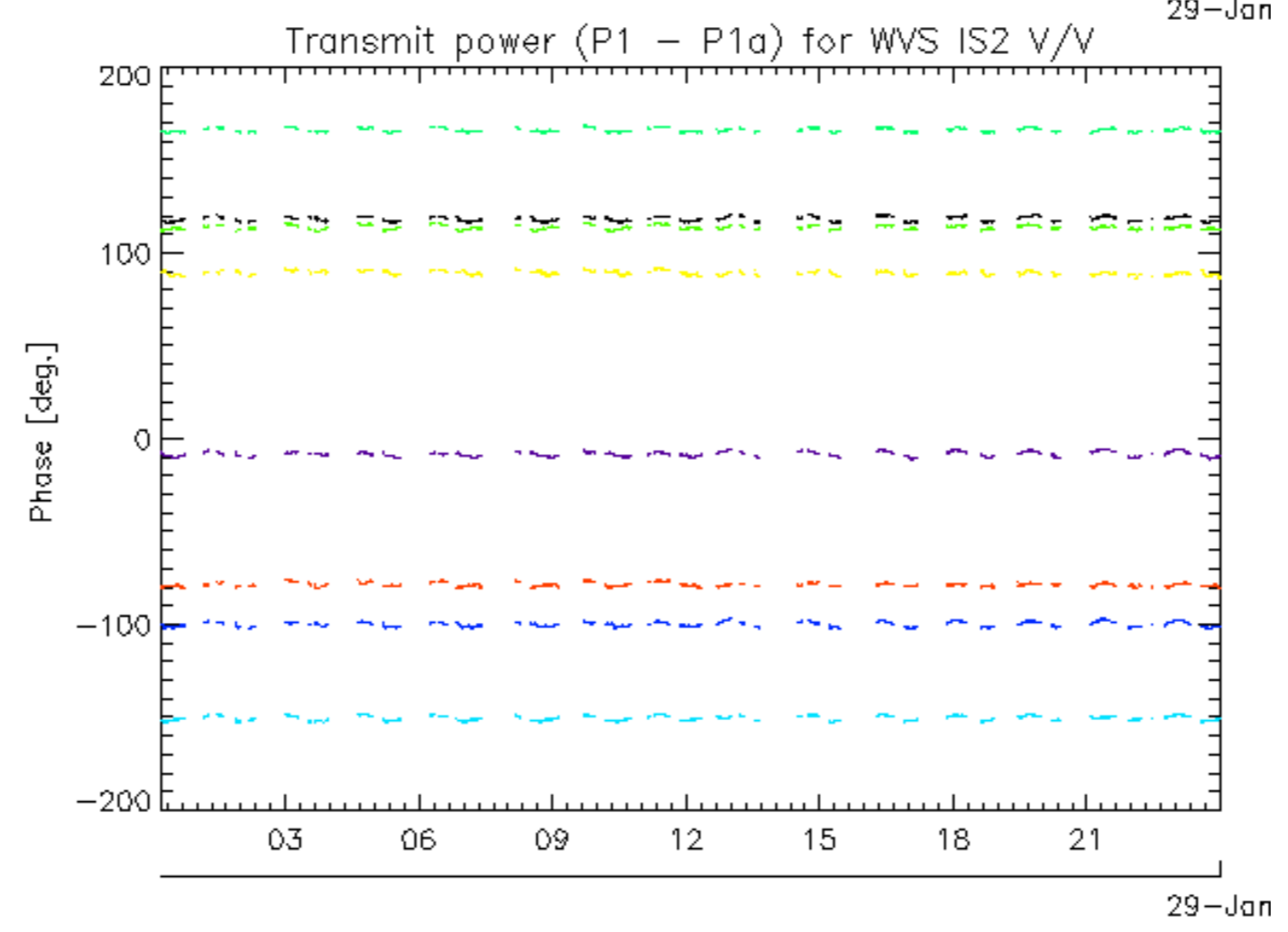
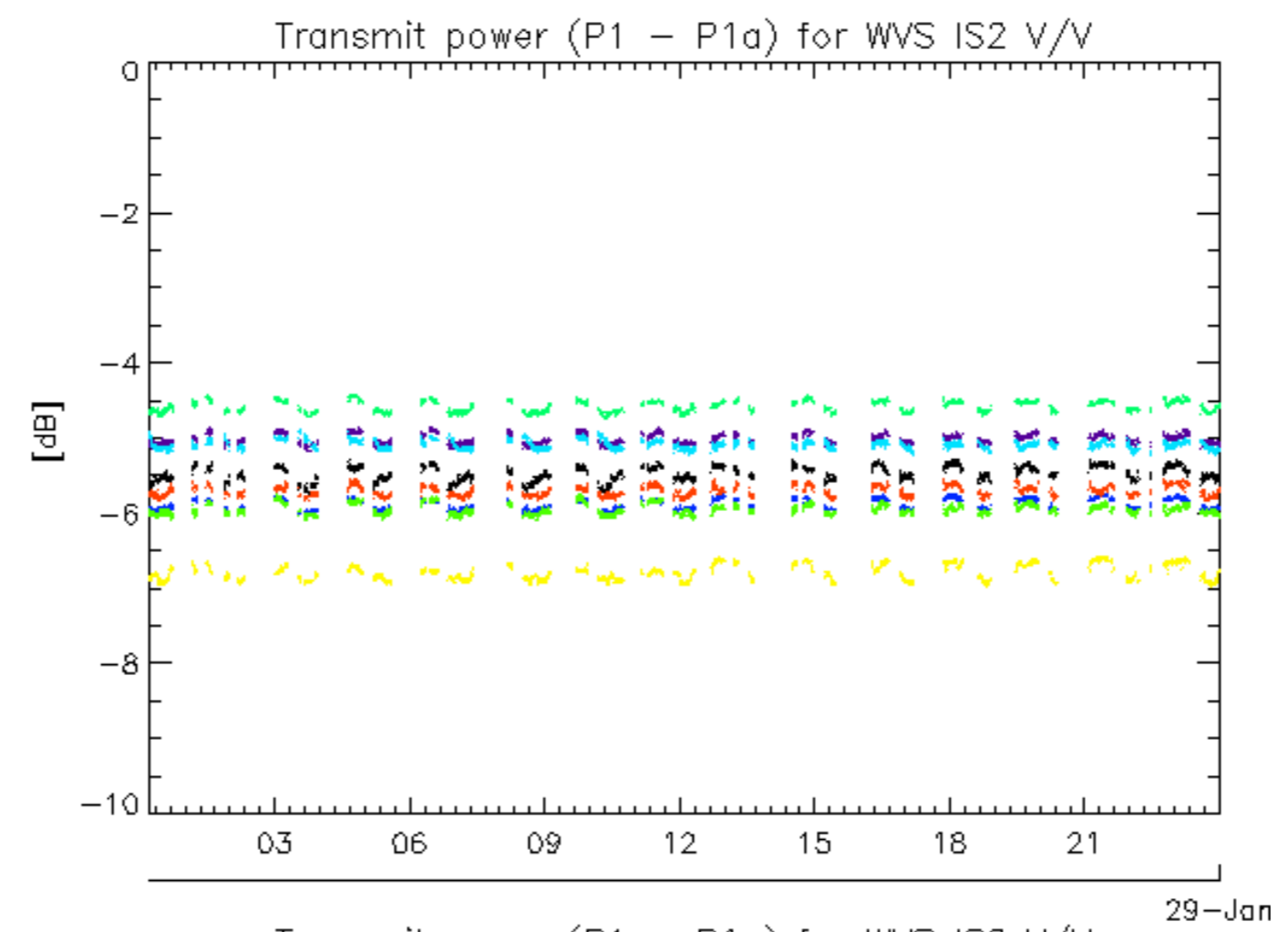
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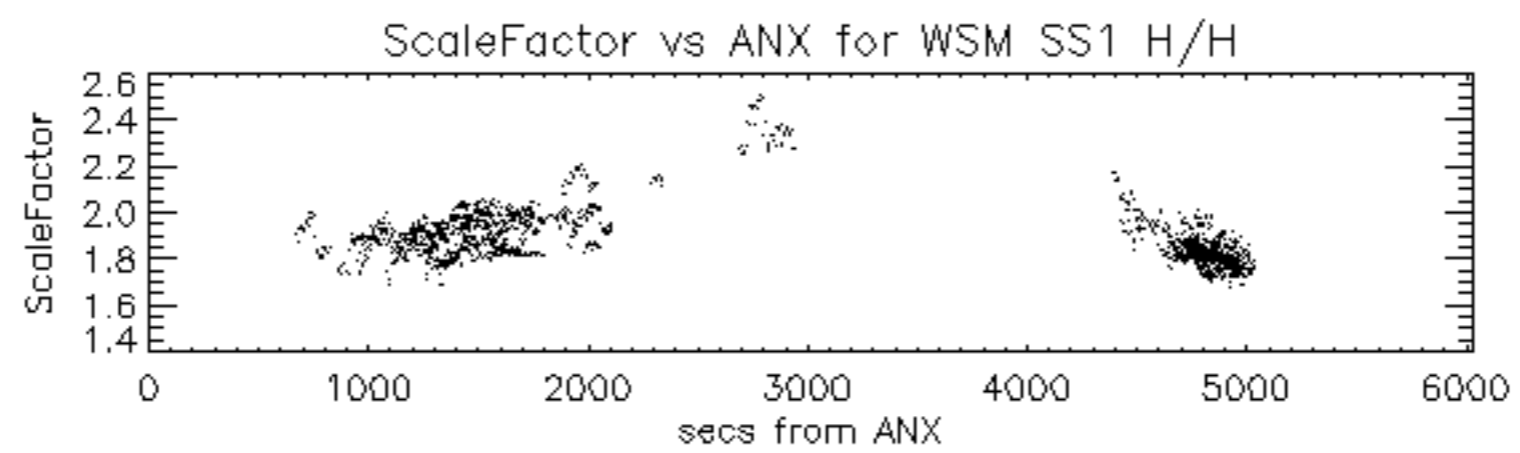
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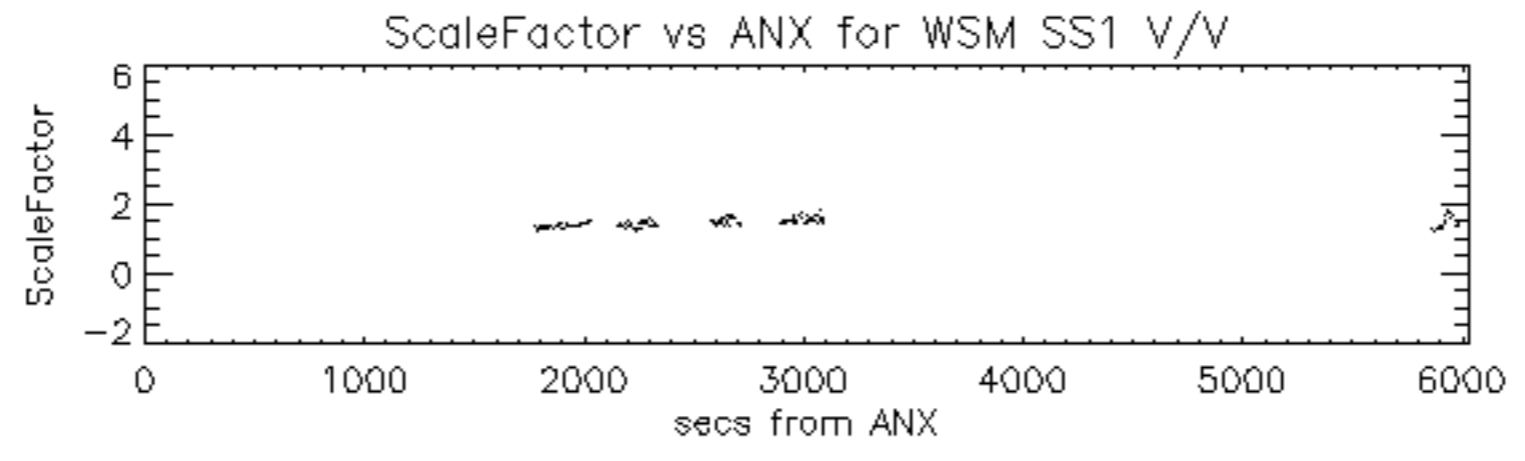


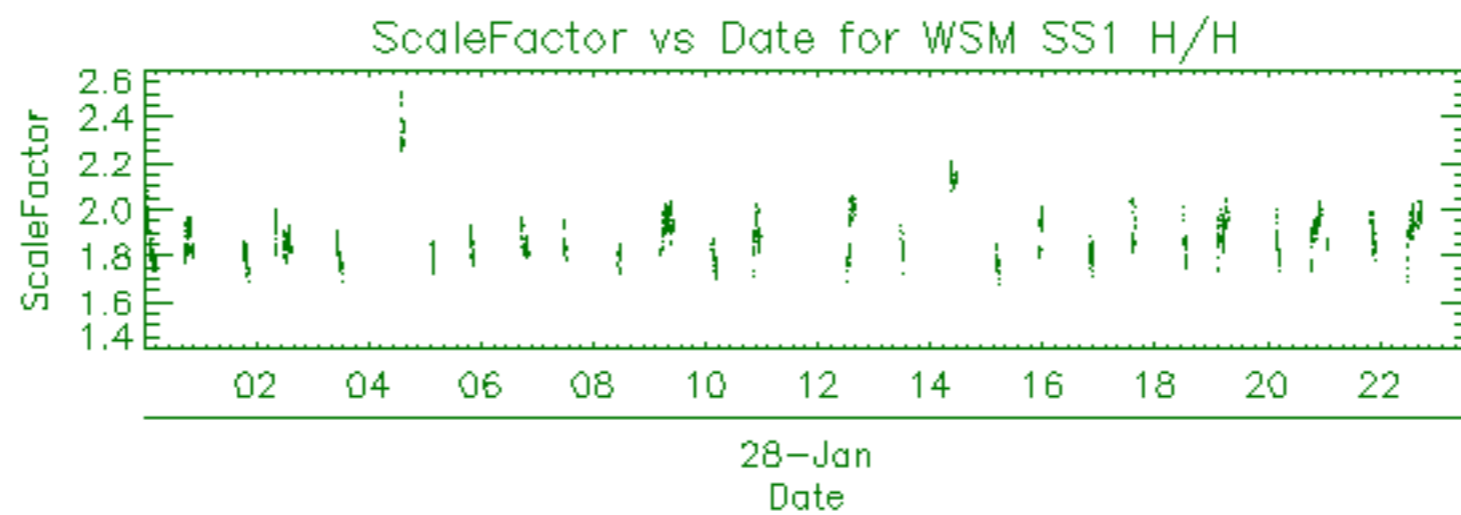
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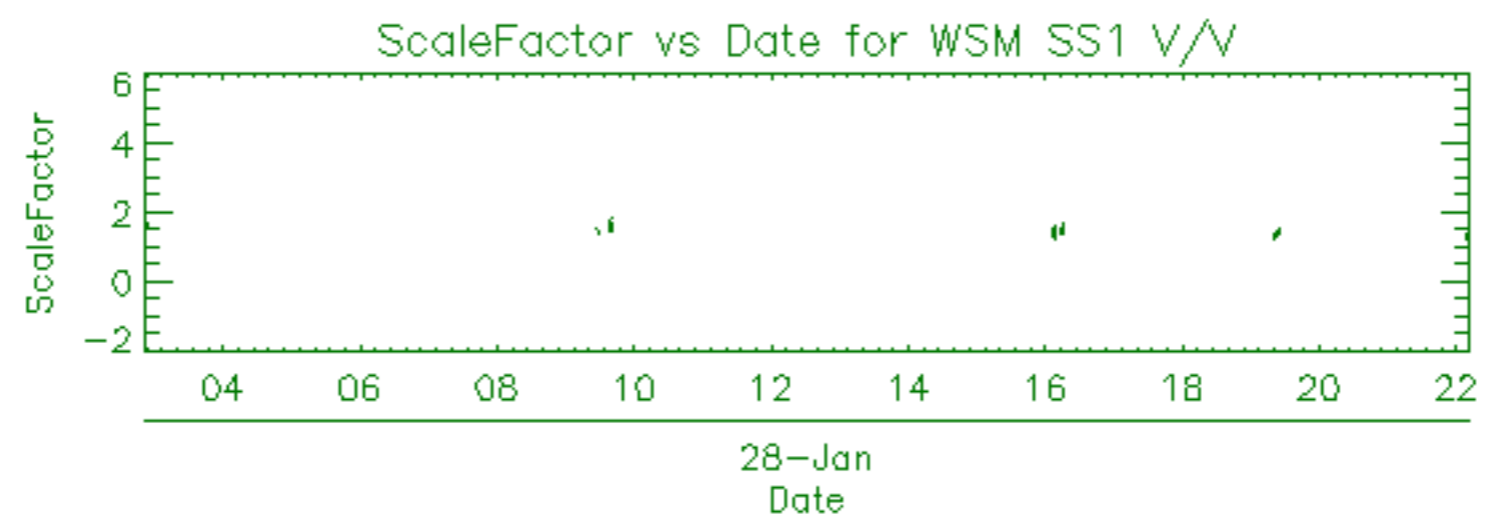


rows: _ 12 _ 16 _ 20 _ 24 _ 28 _ 32 _ 4 _ 8









Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_APM_1PNPDE20120128_025410_000001233111_00104_51842_4514.N1						IS2	H/V	111	51842	104	5.04
ASA_APM_1PNPDE20120128_054354_000000583111_00106_51844_4589.N1						IS6	H/H	111	51844	106	5.04
ASA_APM_1PNPDE20120128_075835_000000433111_00107_51845_4640.N1						IS1	V/H	111	51845	107	5.04
ASA_APM_1PNPDE20120128_080158_000000433111_00107_51845_4642.N1						IS1	V/H	111	51845	107	5.04
ASA_APM_1PNPDE20120128_092921_000000433111_00108_51846_4671.N1						IS5	H/H	111	51846	108	5.04
ASA_APM_1PNPDK20120128_135108_000000433111_00111_51849_0134.N1						IS2	H/H	111	51849	111	5.04
ASA_APM_1PNPDE20120128_153328_000000993111_00112_51850_4747.N1						IS4	H/V	111	51850	112	5.04

Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
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ASA_GM1_1PNPDE20120128_005334_000005983111_00103_51841_4490.N1						SS1	H/H	111	51841	103	5.04
ASA_GM1_1PNPDE20120128_010513_000001873111_00103_51841_4492.N1						SS1	H/H	111	51841	103	5.04
ASA_GM1_1PNPDE20120128_011725_000006283111_00103_51841_4493.N1						SS1	H/H	111	51841	103	5.04
ASA_GM1_1PNPDE20120128_013652_000005493111_00103_51841_4496.N1						SS1	H/H	111	51841	103	5.04
ASA_GM1_1PNPDE20120128_015936_000006653111_00103_51841_4517.N1						SS1	H/H	111	51841	103	5.04
ASA_GM1_1PNPDE20120128_022239_000000783111_00104_51842_4528.N1						SS1	H/H	111	51842	104	5.04
ASA_GM1_1PNPDE20120128_022732_000000963111_00104_51842_4522.N1						SS1	H/H	111	51842	104	5.04
ASA_GM1_1PNPDE20120128_023856_000004773111_00104_51842_4521.N1						SS1	H/H	111	51842	104	5.04
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ASA_GM1_1PNPDE20120128_031709_000004773111_00104_51842_4555.N1						SS1	H/H	111	51842	104	5.04
ASA_GM1_1PNPDE20120128_033415_000001753111_00104_51842_4557.N1						SS1	H/H	111	51842	104	5.04
ASA_GM1_1PNPDE20120128_034503_000002053111_00104_51842_4561.N1						SS1	H/H	111	51842	104	5.04
ASA_GM1_1PNPDE20120128_035112_000001023111_00105_51843_4559.N1						SS1	H/H	111	51843	105	5.04
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ASA_GM1_1PNPDE20120128_043019_000001933111_00105_51843_4566.N1						SS1	H/H	111	51843	105	5.04
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ASA_GM1_1PNPDE20120128_060204_000002413111_00106_51844_4604.N1						SS1	H/H	111	51844	106	5.04
ASA_GM1_1PNPDE20120128_061203_000001383111_00106_51844_4606.N1						SS1	H/H	111	51844	106	5.04
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ASA_GM1_1PNPDK20120128_064454_000000783111_00106_51844_9882.N1						SS1	H/H	111	51844	106	5.04
ASA_GM1_1PNPDK20120128_072543_000001383111_00107_51845_9881.N1						SS1	H/H	111	51845	107	5.04
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ASA_GM1_1PNPDK20120128_080304_000003563111_00107_51845_0011.N1						SS1	H/H	111	51845	107	5.04
ASA_GM1_1PNPDK20120128_081747_000005193111_00107_51845_0013.N1						SS1	H/H	111	51845	107	5.04
ASA_GM1_1PNPDK20120128_090716_000002893111_00108_51846_0015.N1						SS1	H/H	111	51846	108	5.04
ASA_GM1_1PNPDK20120128_092500_000000723111_00108_51846_0035.N1						SS1	H/H	111	51846	108	5.04
ASA_GM1_1PNPDK20120128_093024_000004283111_00108_51846_0036.N1						SS1	H/H	111	51846	108	5.04
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ASA_GM1_1PNPDK20120128_104459_000002893111_00109_51847_0041.N1						SS1	H/H	111	51847	109	5.04
ASA_GM1_1PNPDK20120128_105836_000001383111_00109_51847_0084.N1						SS1	H/H	111	51847	109	5.04
ASA_GM1_1PNPDK20120128_111257_000001813111_00109_51847_0086.N1						SS1	H/H	111	51847	109	5.04
ASA_GM1_1PNPDK20120128_113816_000007793111_00109_51847_0091.N1						SS1	H/H	111	51847	109	5.04
ASA_GM1_1PNPDK20120128_122106_000001633111_00110_51848_0090.N1						SS1	H/H	111	51848	110	5.04
ASA_GM1_1PNPDK20120128_122438_000003983111_00110_51848_0092.N1						SS1	H/H	111	51848	110	5.04
ASA_GM1_1PNPDK20120128_123925_000001503111_00110_51848_0120.N1						SS1	H/H	111	51848	110	5.04
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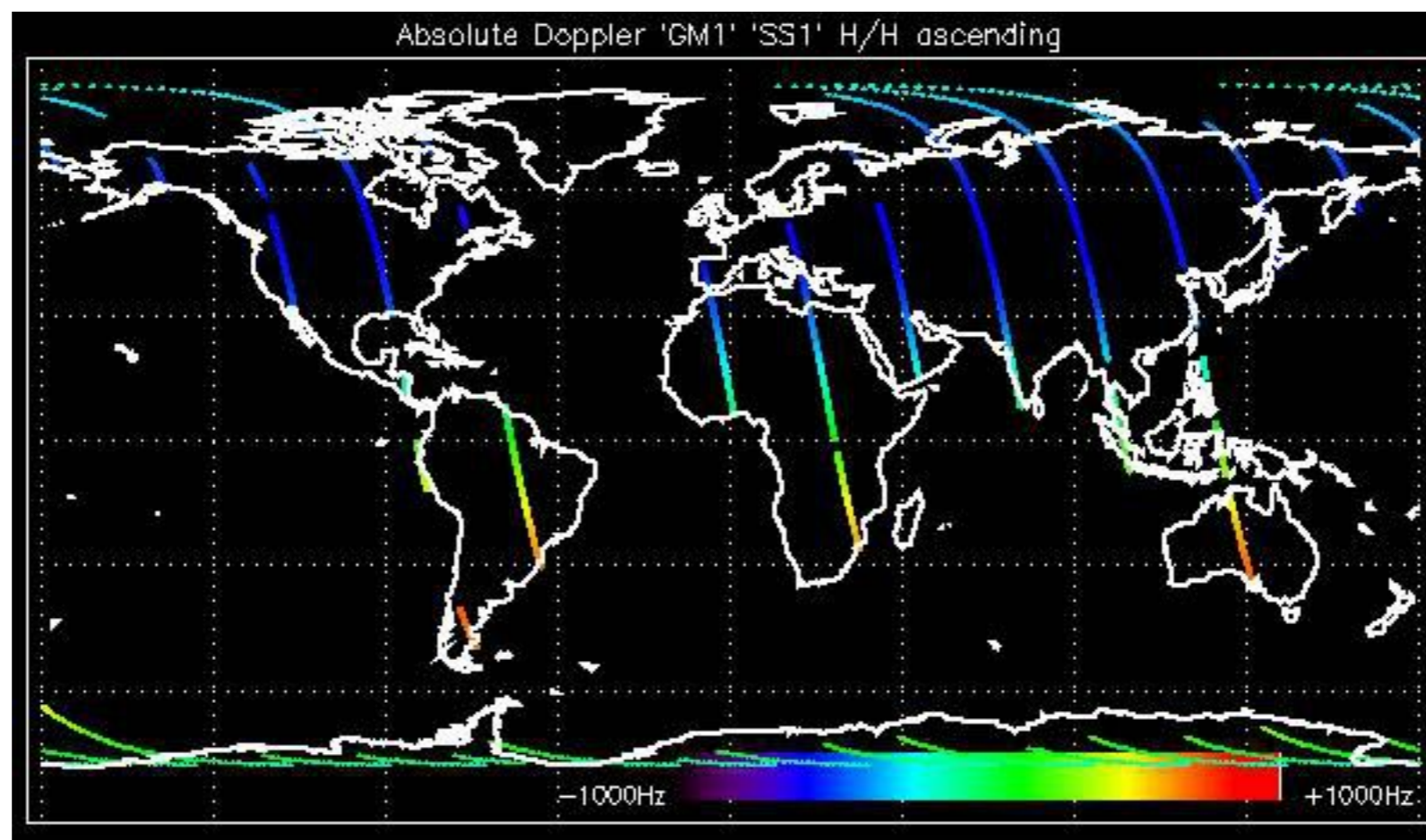
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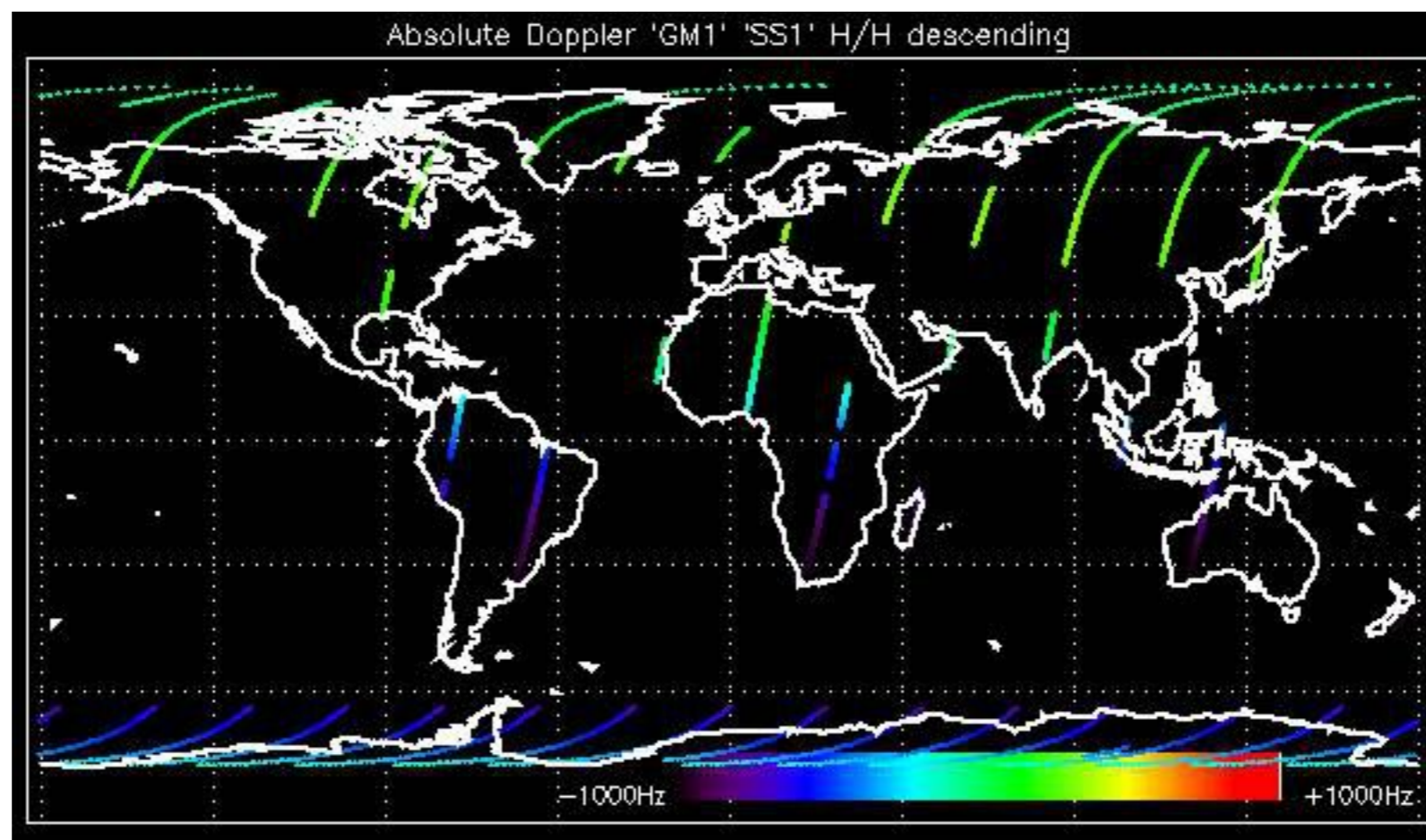
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ASA_IMM_1PNPDE20120128_024649_000000373111_00104_51842_4509.N1						IS2	V/V	111	51842	104	5.04
ASA_IMM_1PNPDE20120128_024749_000000383111_00104_51842_4510.N1						IS4	H/H	111	51842	104	5.04
ASA_IMM_1PNPDE20120128_024934_000000533111_00104_51842_4511.N1						IS2	V/V	111	51842	104	5.04
ASA_IMM_1PNPDE20120128_033710_000001123111_00104_51842_4549.N1						IS6	H/H	111	51842	104	5.04
ASA_IMM_1PNPDE20120128_042704_000001843111_00105_51843_4552.N1						IS6	H/H	111	51843	105	5.04
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9769.N1						IS6	H/H	111	51844	106	5.04
ASA_IMM_1PNPDK20120128_055835_000001963111_00106_51844_9770.N1						IS6	H/H	111	51844	106	5.04
ASA_IMM_1PNPDE20120128_060602_000003543111_00106_51844_4596.N1						IS6	H/H	111	51844	106	5.04
ASA_IMM_1PNPDE20120128_075152_000002173111_00107_51845_4639.N1						IS6	H/H	111	51845	107	5.04
ASA_IMM_1PNPDK20120128_092615_000000373111_00108_51846_0022.N1						IS3	V/V	111	51846	108	5.04
ASA_IMM_1PNPDE20120128_111118_000000703111_00109_51847_4706.N1						IS6	H/H	111	51847	109	5.04
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ASA_IMM_1PNPDK20120128_135235_000000713111_00111_51849_0133.N1						IS2	H/H	111	51849	111	5.04
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ASA_IMM_1PNPDE20120128_175055_000000363111_00113_51851_4760.N1						IS2	V/V	111	51851	113	5.04
ASA_IMM_1PNPDE20120128_202958_000000373111_00114_51852_4791.N1						IS5	V/V	111	51852	114	5.04
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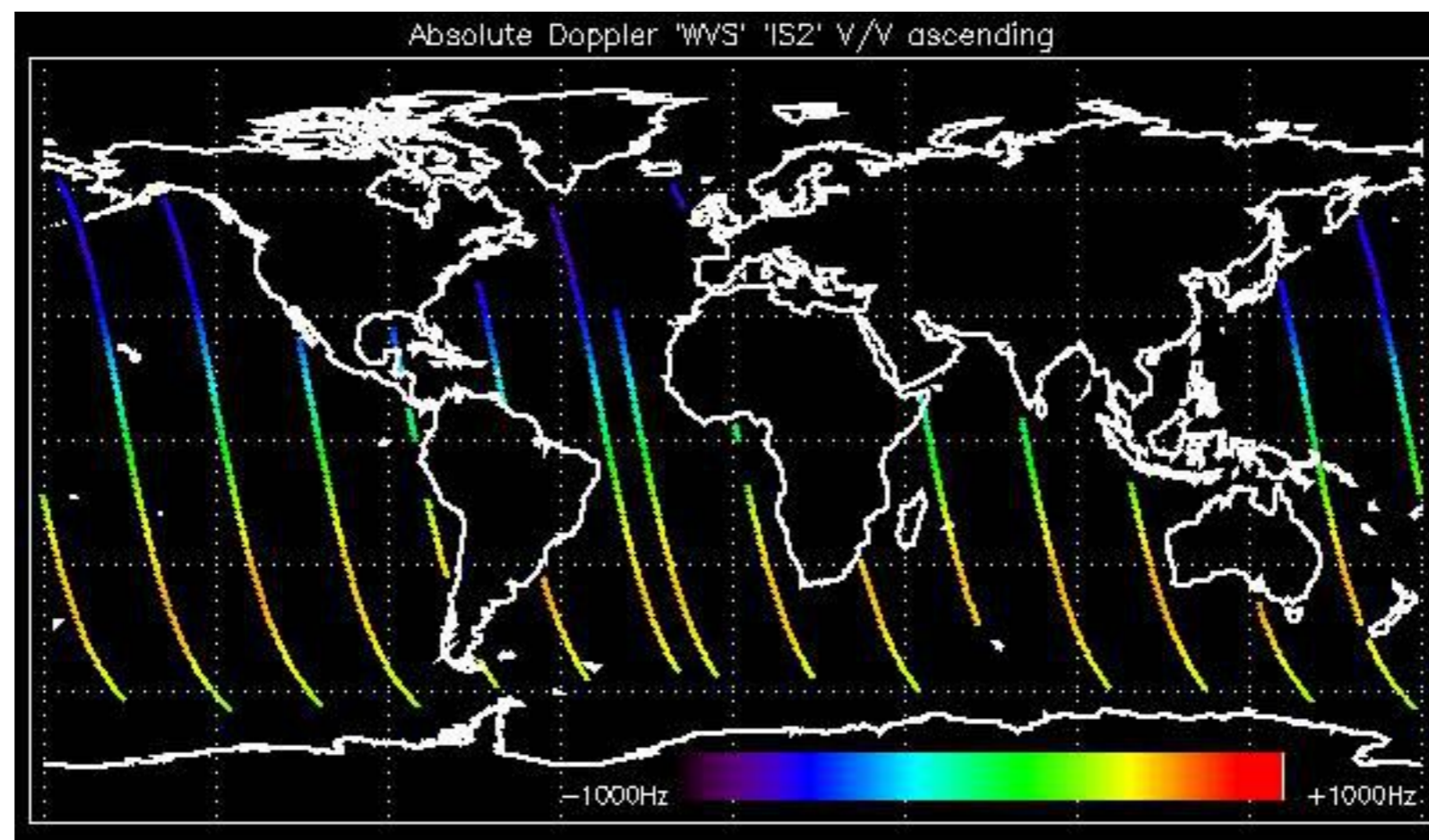
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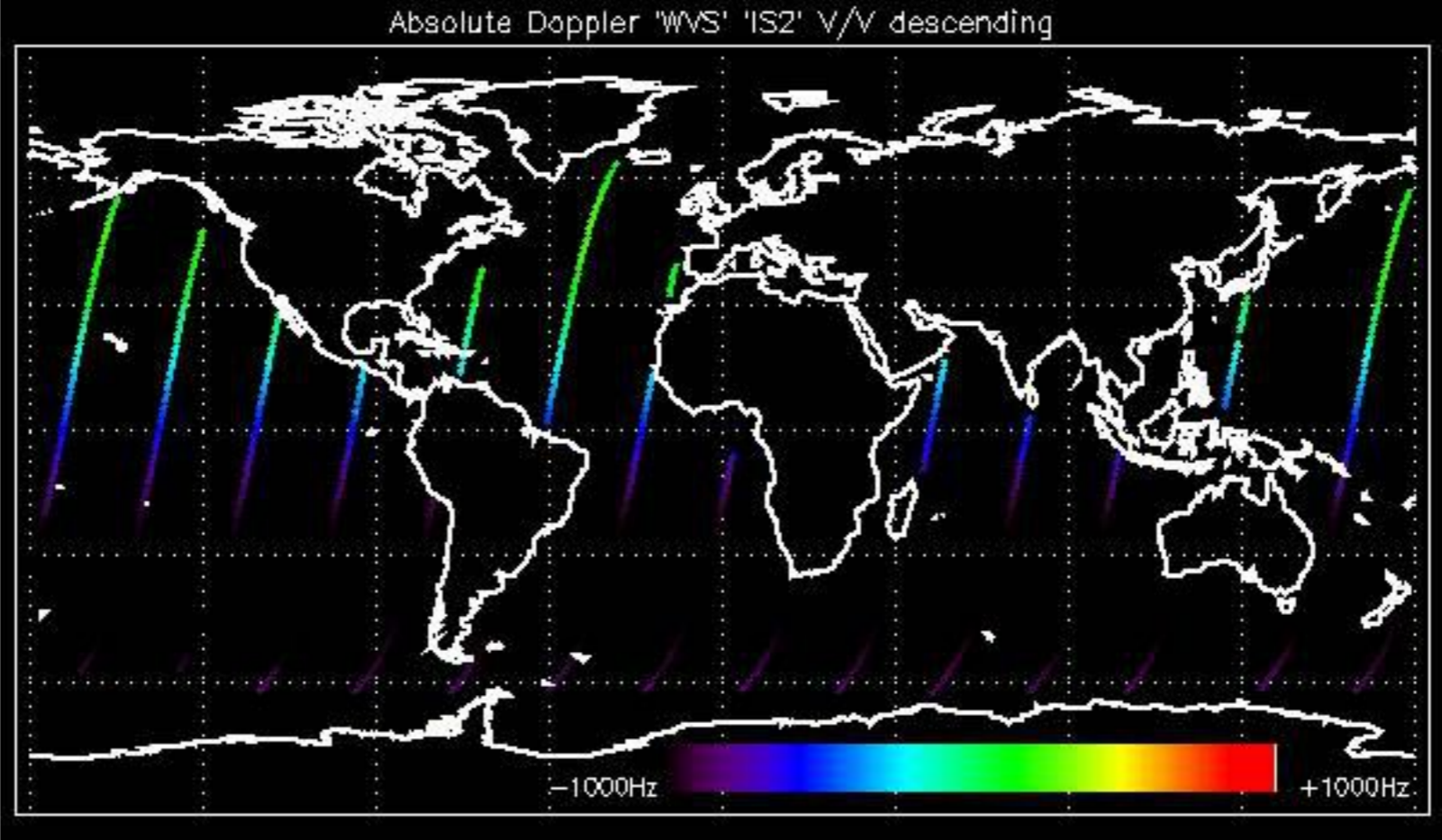
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ASA_WSM_1PNPDE20120128_000633_000003493111_00102_51840_4446.N1						SS1	H/H	111	51840	102	5.04
ASA_WSM_1PNPDE20120128_004415_000005513111_00103_51841_4487.N1						SS1	H/H	111	51841	103	5.04
ASA_WSM_1PNPDE20120128_014604_000003553111_00103_51841_4491.N1						SS1	H/H	111	51841	103	5.04
ASA_WSM_1PNPDK20120128_021933_000001773111_00104_51842_9694.N1						SS1	H/H	111	51842	104	5.04
ASA_WSM_1PNPDE20120128_022918_000005693111_00104_51842_4516.N1						SS1	H/H	111	51842	104	5.04
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ASA_WSM_1PNPDE20120128_043332_000002513111_00105_51843_4553.N1						SS1	H/H	111	51843	105	5.04
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ASA_WSM_1PNPDK20120128_064620_000002753111_00106_51844_9898.N1						SS1	H/H	111	51844	106	5.04
ASA_WSM_1PNPDK20120128_072808_000001653111_00107_51845_9895.N1						SS1	H/H	111	51845	107	5.04
ASA_WSM_1PNPDK20120128_082631_000002263111_00107_51845_0019.N1						SS1	H/H	111	51845	107	5.04
ASA_WSM_1PNPDK20120128_091211_000001163111_00108_51846_0018.N1						SS1	H/H	111	51846	108	5.04
ASA_WSM_1PNPDE20120128_091439_000002693111_00108_51846_4668.N1						SS1	H/H	111	51846	108	5.04
ASA_WSM_1PNPDK20120128_092025_000002693111_00108_51846_0023.N1						SS1	H/H	111	51846	108	5.04
ASA_WSM_1PNPDE20120128_092310_000000923111_00108_51846_4669.N1						SS1	H/H	111	51846	108	5.04
ASA_WSM_1PNPDE20120128_092704_000000923111_00108_51846_4670.N1						SS1	V/V	111	51846	108	5.04
ASA_WSM_1PNPDE20120128_093735_000002203111_00108_51846_4673.N1						SS1	V/V	111	51846	108	5.04
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ASA_WSM_1PNPDE20120128_104951_000001713111_00109_51847_4711.N1						SS1	H/H	111	51847	109	5.04
ASA_WSM_1PNPDK20120128_105329_000003063111_00109_51847_0047.N1						SS1	H/H	111	51847	109	5.04
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ASA_WSM_1PNPDK20120128_123343_000003363111_00110_51848_0098.N1						SS1	H/H	111	51848	110	5.04
ASA_WSM_1PNPDK20120128_132855_000001903111_00110_51848_0131.N1						SS1	H/H	111	51848	110	5.04
ASA_WSM_1PNPDE20120128_142129_000001773111_00111_51849_4744.N1						SS1	H/H	111	51849	111	5.04
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ASA_WSM_1PNPDE20120128_191353_000002323111_00114_51852_4761.N1						SS1	H/H	111	51852	114	5.04
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ASA_WSM_1PNPDE20120128_220831_000001533111_00115_51853_4800.N1						SS1	V/V	111	51853	115	5.04
ASA_WSM_1PNPDK20120128_222918_000002083111_00116_51854_0291.N1						SS1	H/H	111	51854	116	5.04
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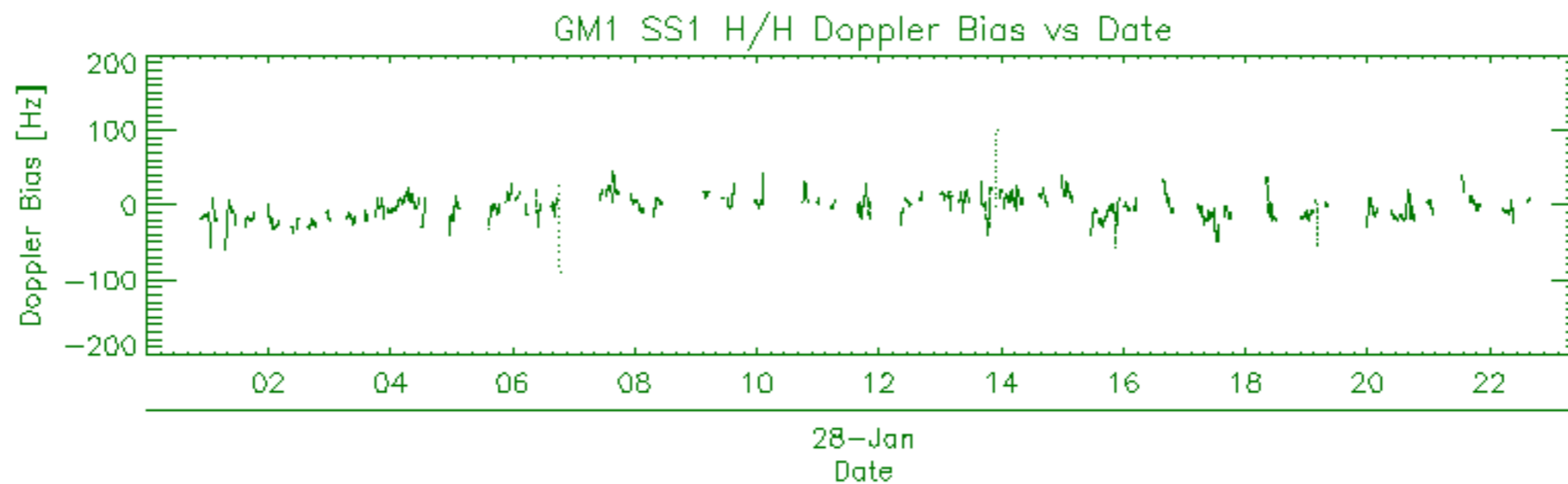
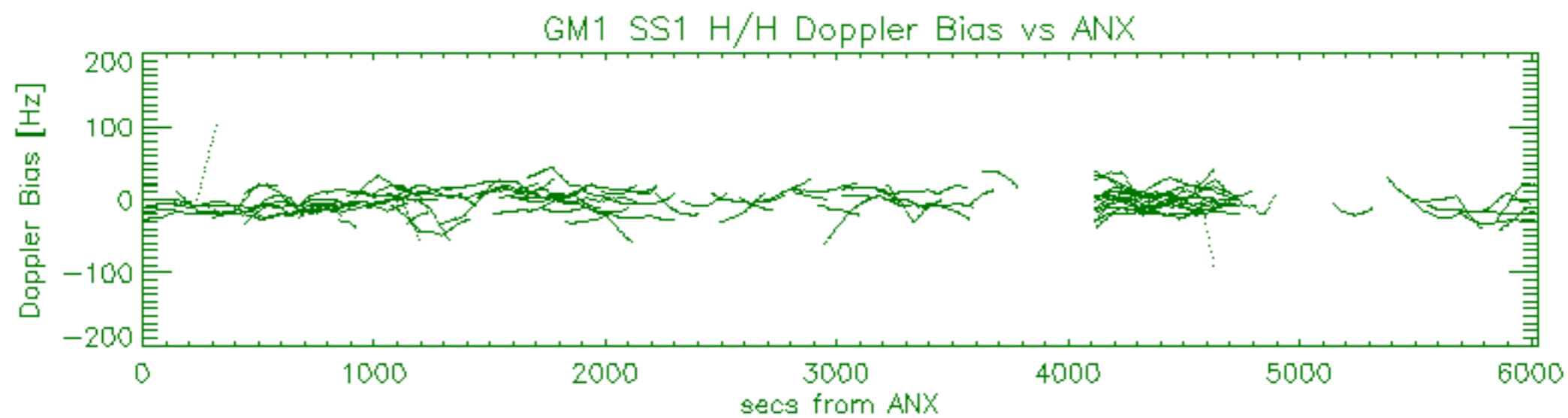
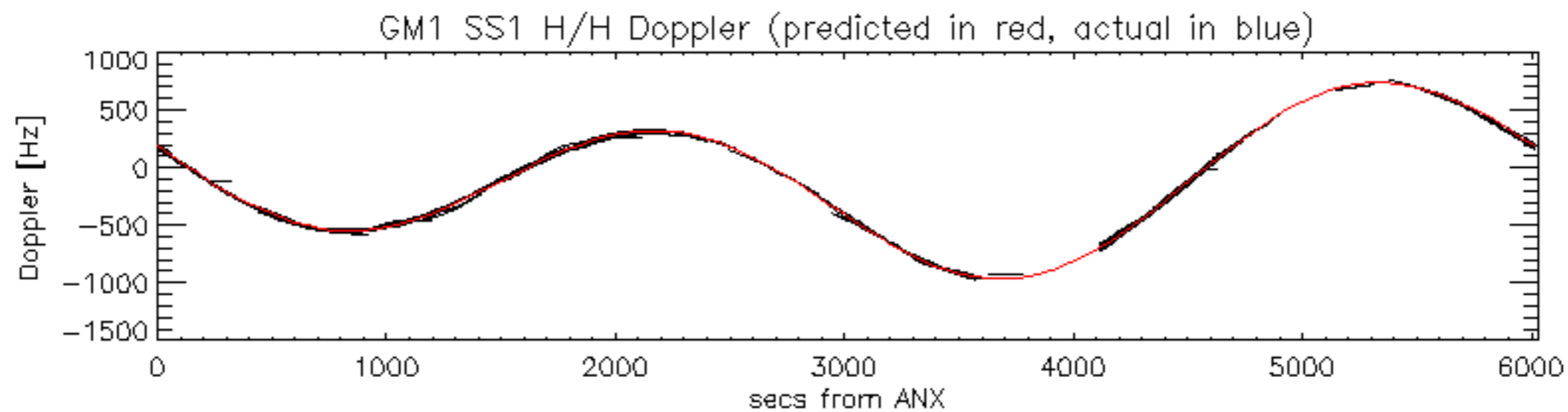
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ASA_WVS_1PNPDE20120128_010931_000004363111_00103_51841_4494.N1						IS2	V/V	111	51841	103	5.04
ASA_WVS_1PNPDE20120128_012829_000004653111_00103_51841_4495.N1						IS2	V/V	111	51841	103	5.04
ASA_WVS_1PNPDE20120128_015157_000001193111_00103_51841_4497.N1						IS2	V/V	111	51841	103	5.04
ASA_WVS_1PNPDE20120128_015312_000003453111_00103_51841_4515.N1						IS2	V/V	111	51841	103	5.04
ASA_WVS_1PNPDE20120128_015157_000001193111_00103_51841_4497.N1						IS1	V/V	111	51841	103	5.04
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ASA_WVS_1PNPDE20120128_035259_000001793111_00105_51843_4563.N1						IS2	V/V	111	51843	105	5.04
ASA_WVS_1PNPDE20120128_043758_000007193111_00105_51843_4564.N1						IS2	V/V	111	51843	105	5.04
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ASA_WVS_1PNPDE20120128_051032_000014993111_00105_51843_4605.N1						IS2	V/V	111	51843	105	5.04
ASA_WVS_1PNPDE20120128_061428_000004343111_00106_51844_4607.N1						IS2	V/V	111	51844	106	5.04
ASA_WVS_1PNPDE20120128_062636_000001793111_00106_51844_4608.N1						IS2	V/V	111	51844	106	5.04
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ASA_WVS_1PNPDK20120128_115117_000002853111_00109_51847_0088.N1						IS2	V/V	111	51847	109	5.04
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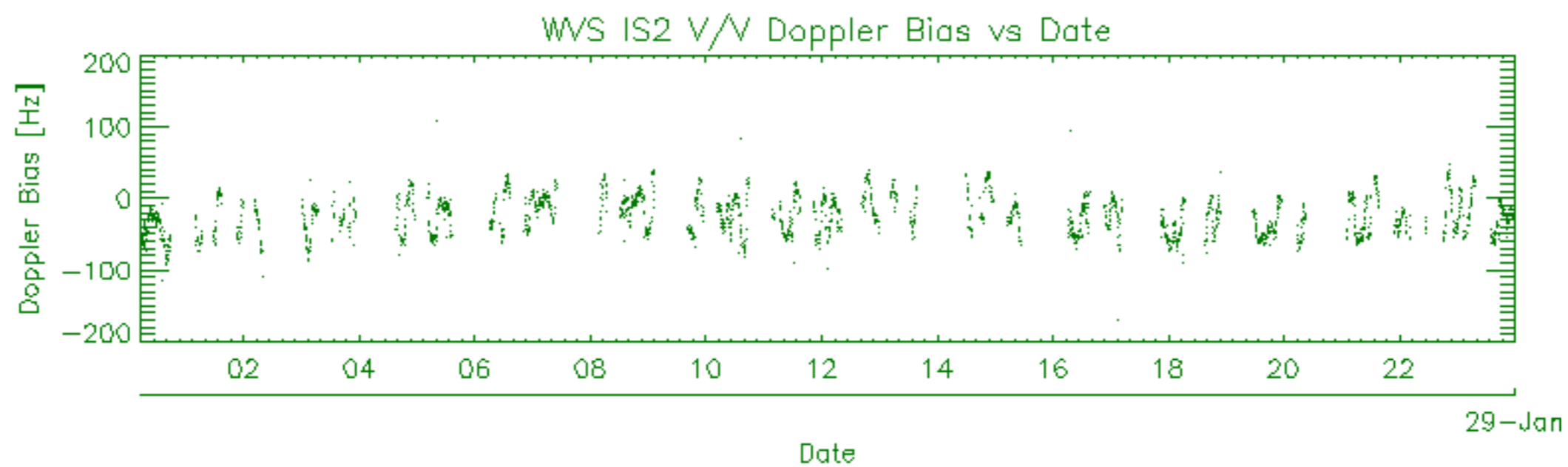
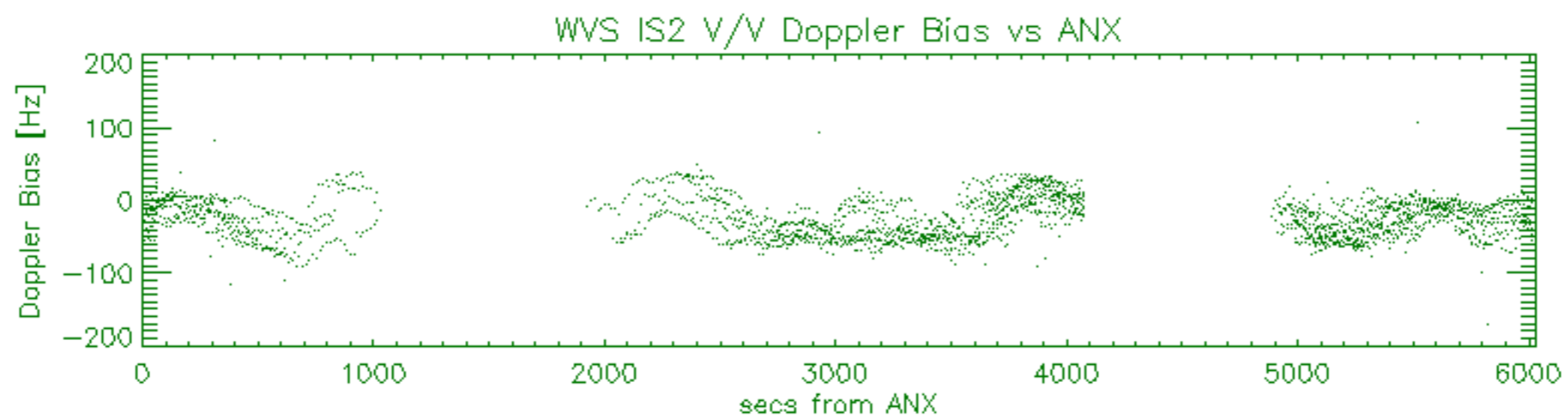
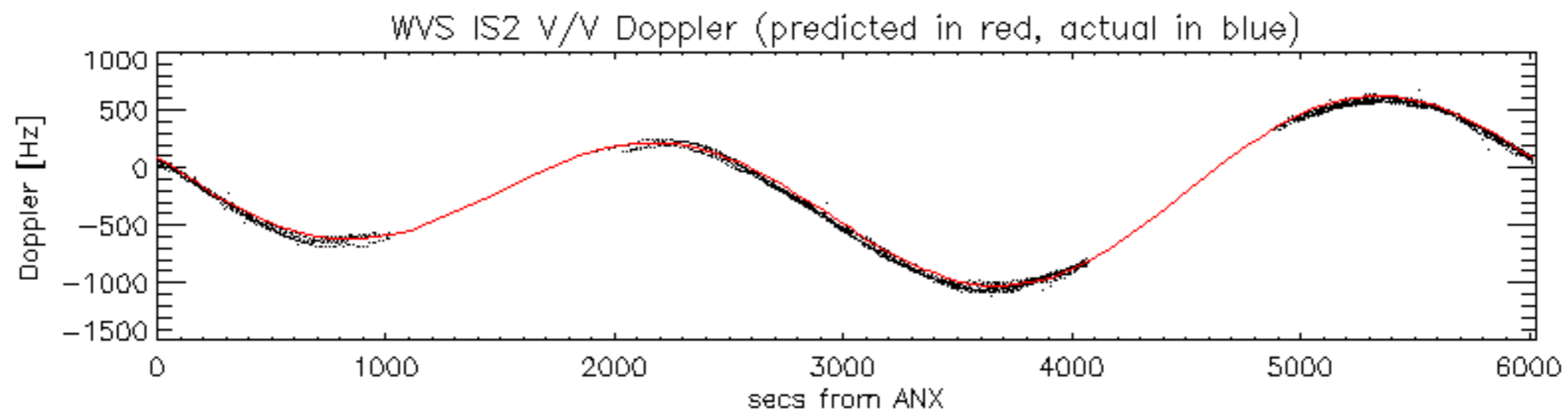


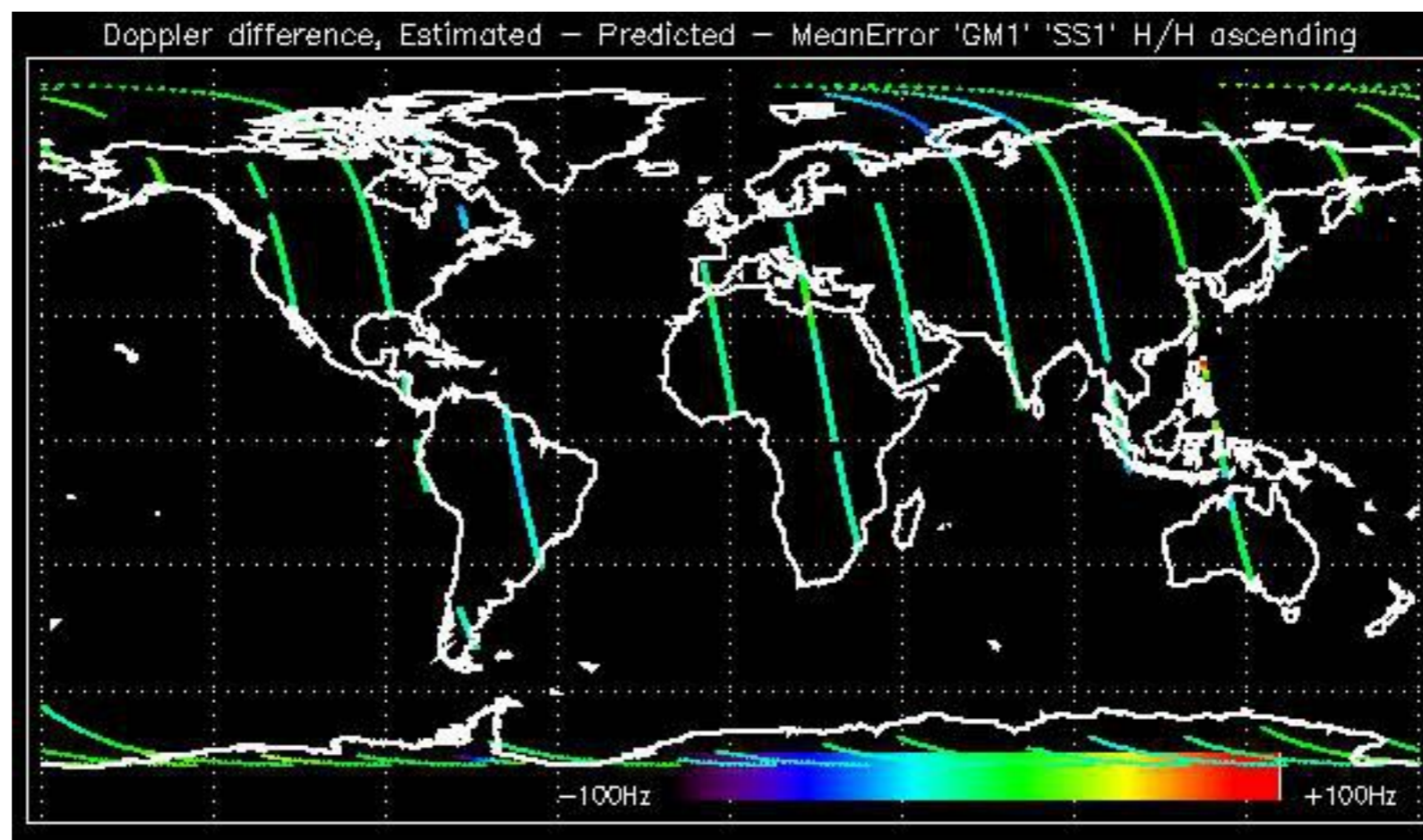


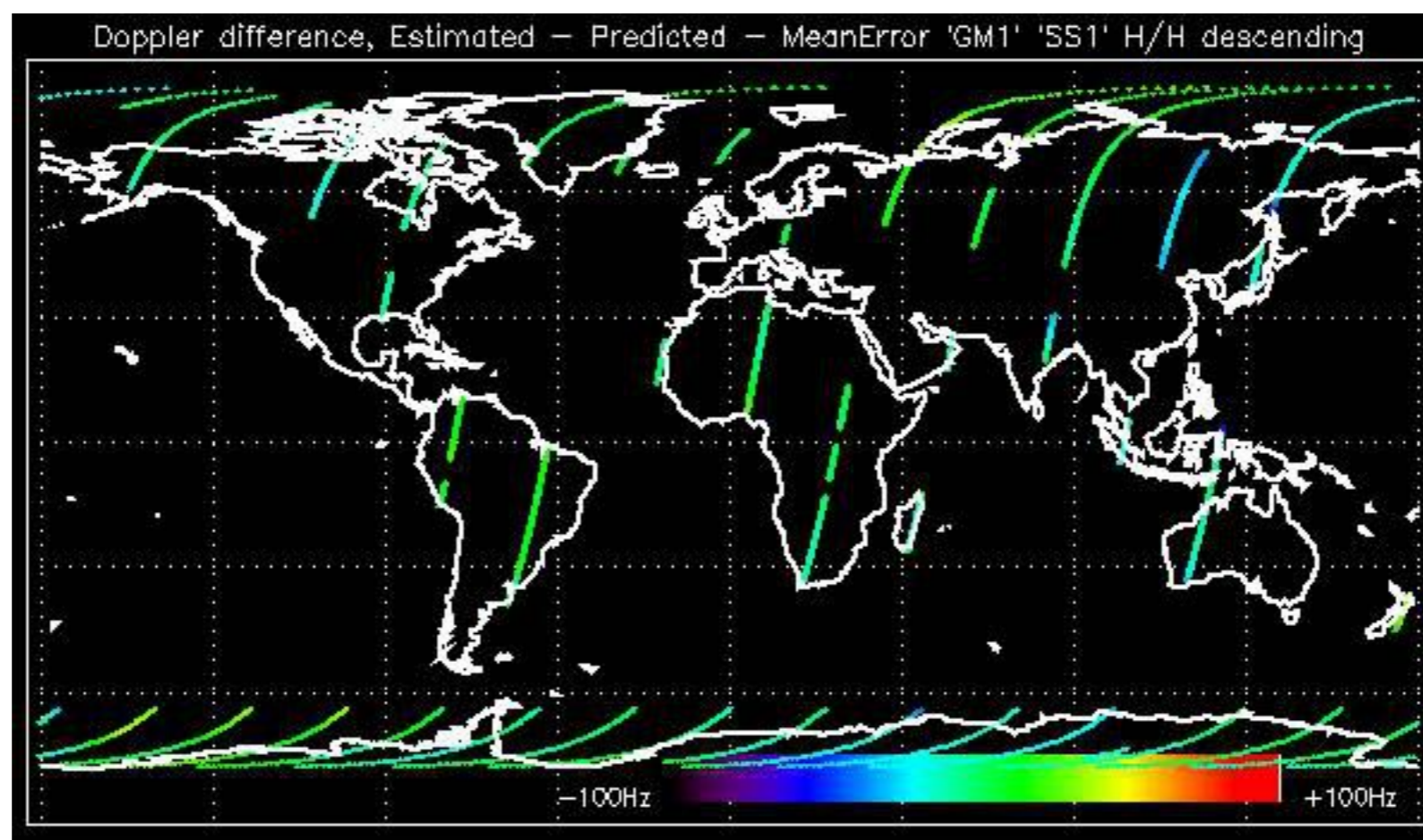


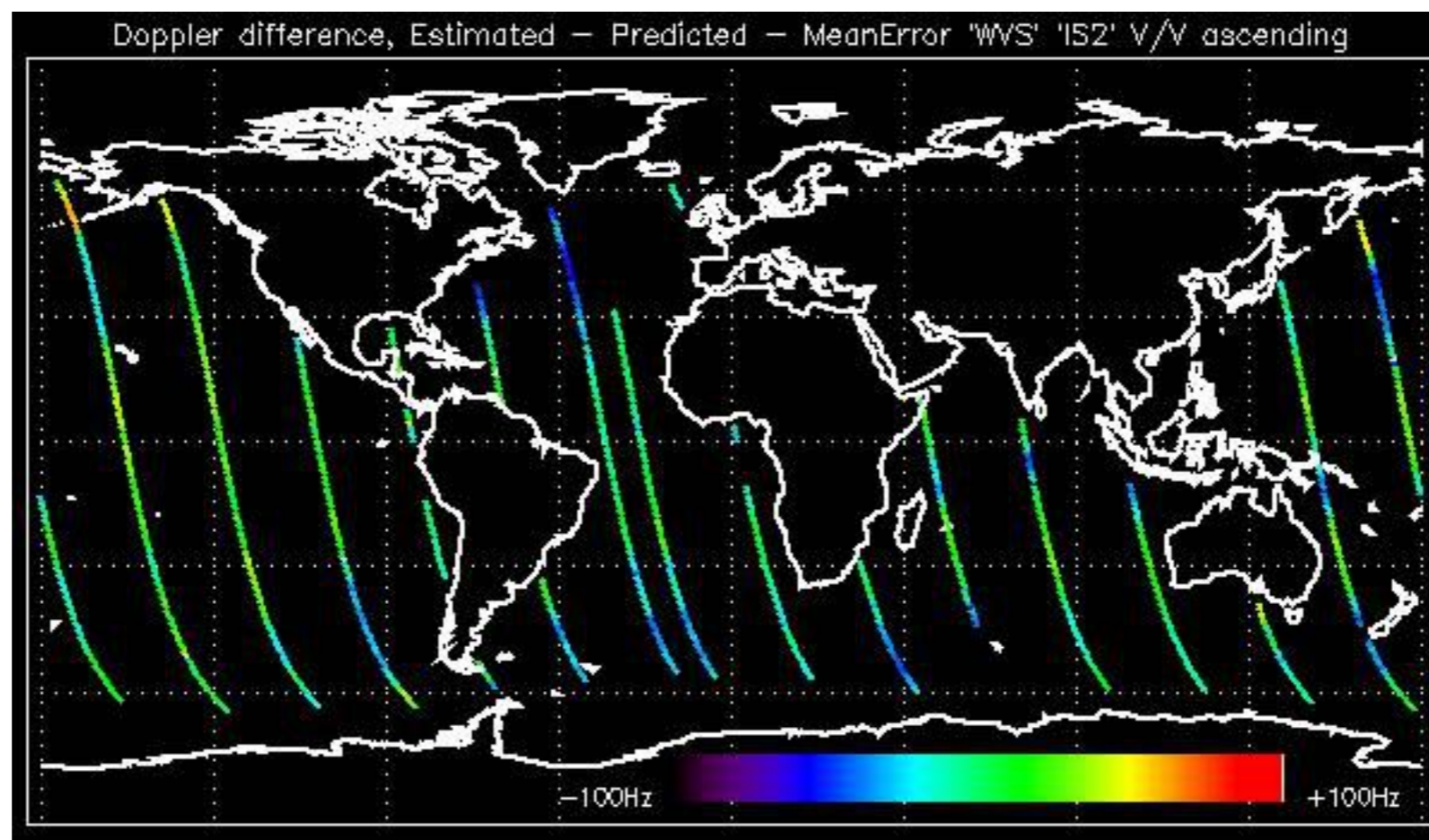


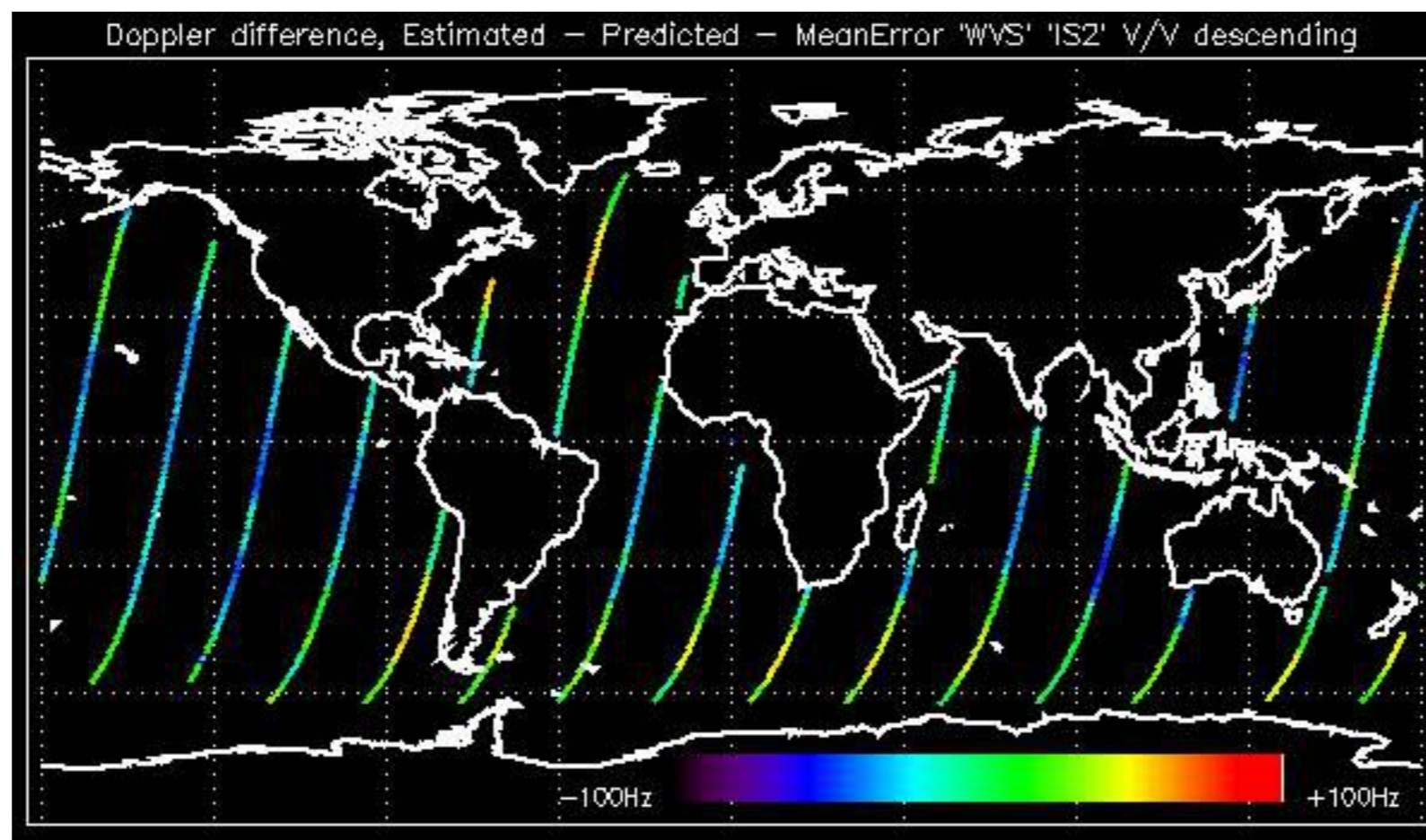


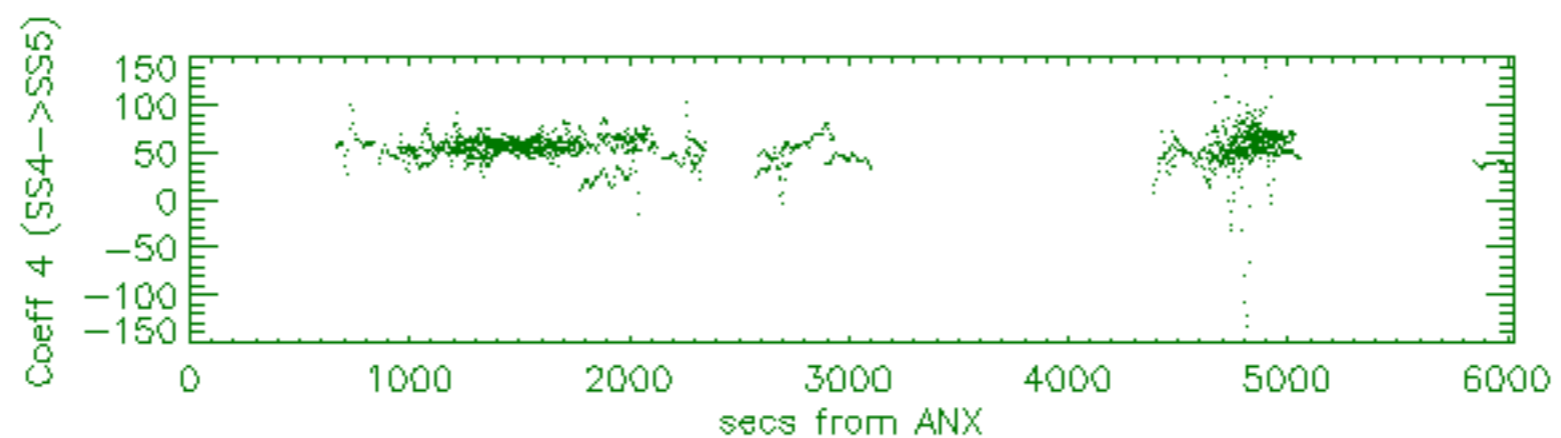
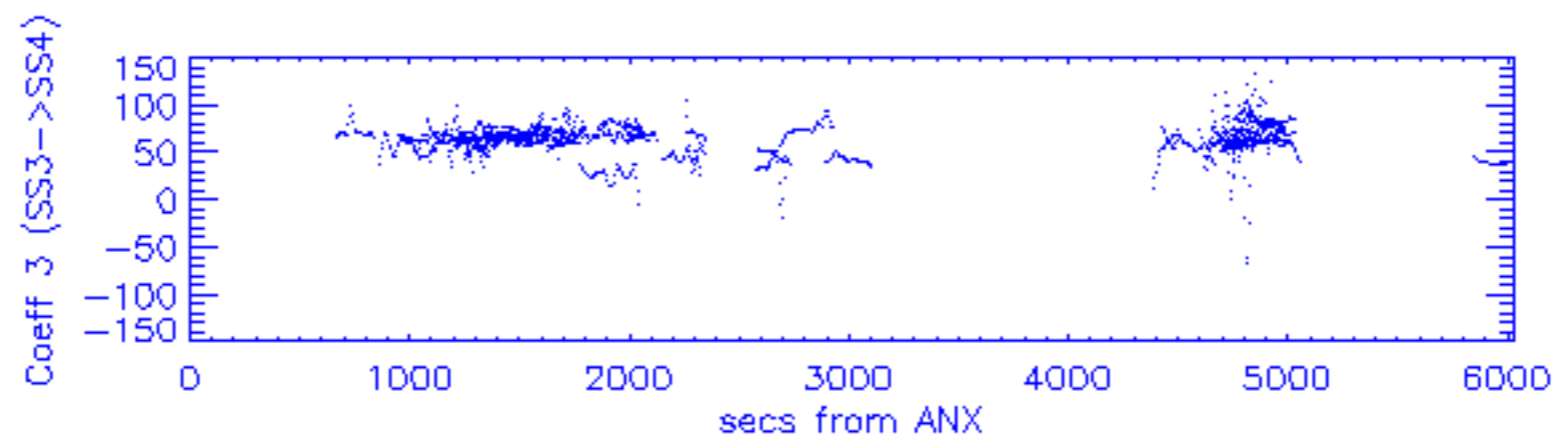
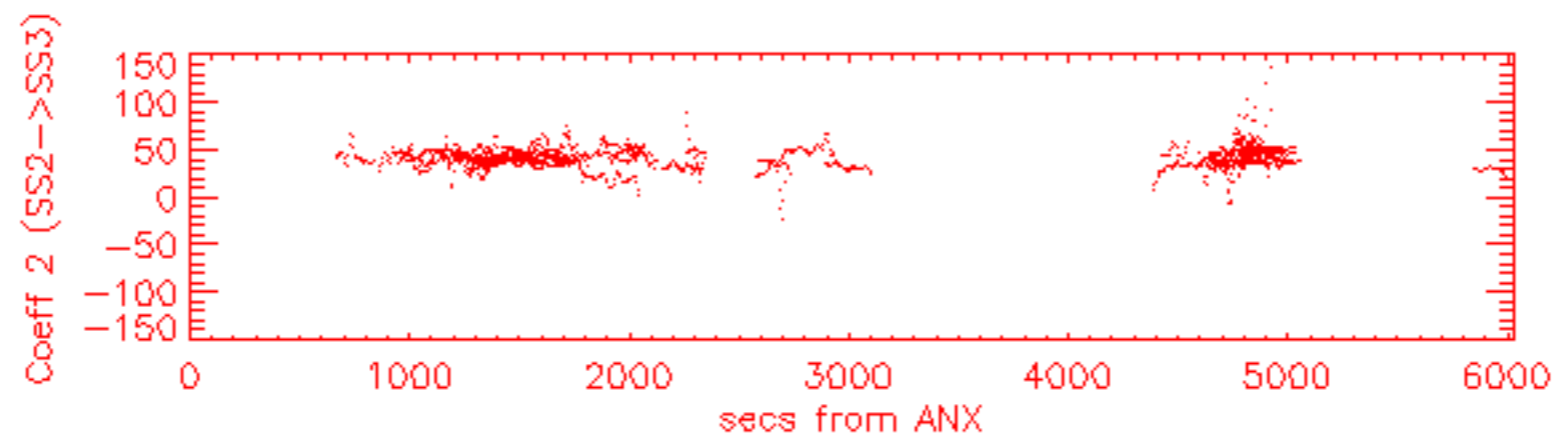
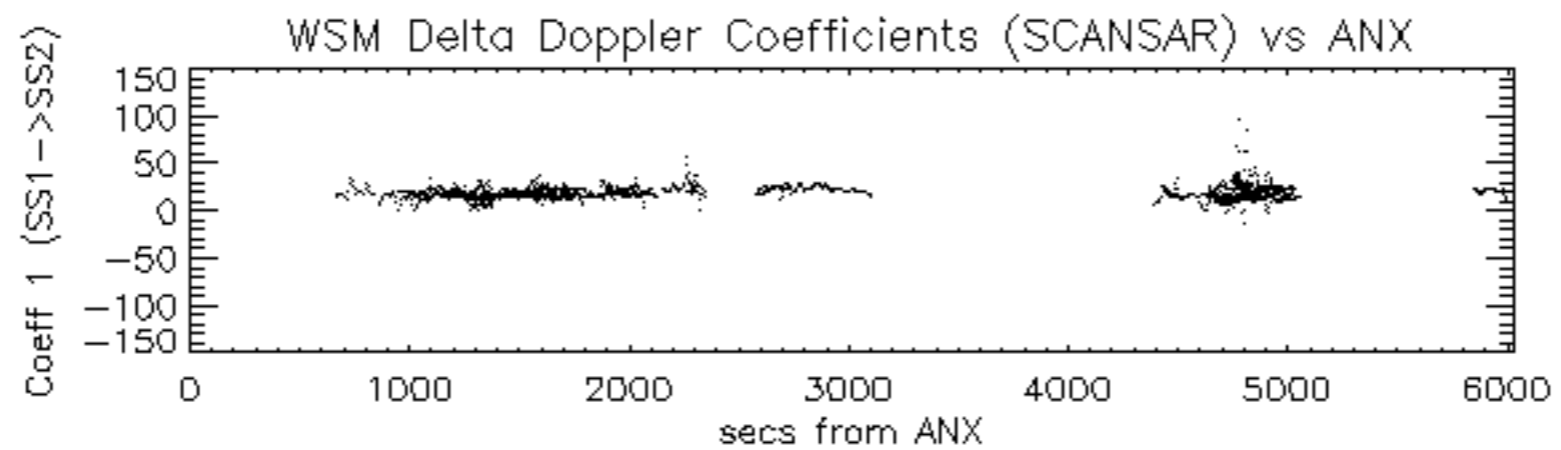


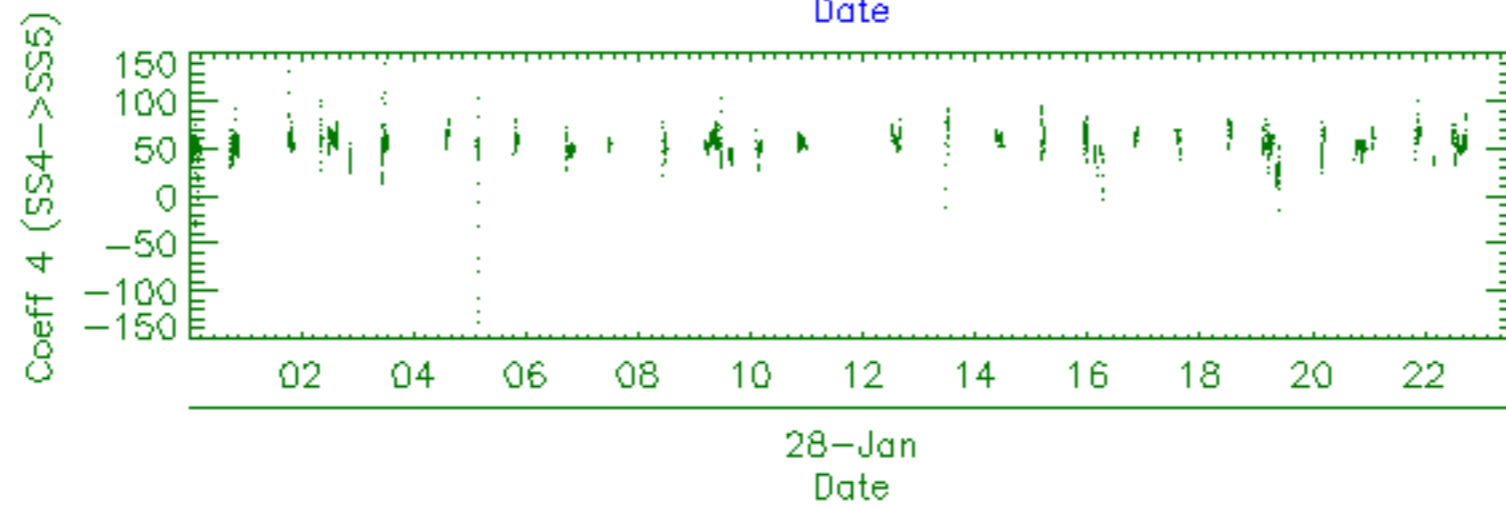
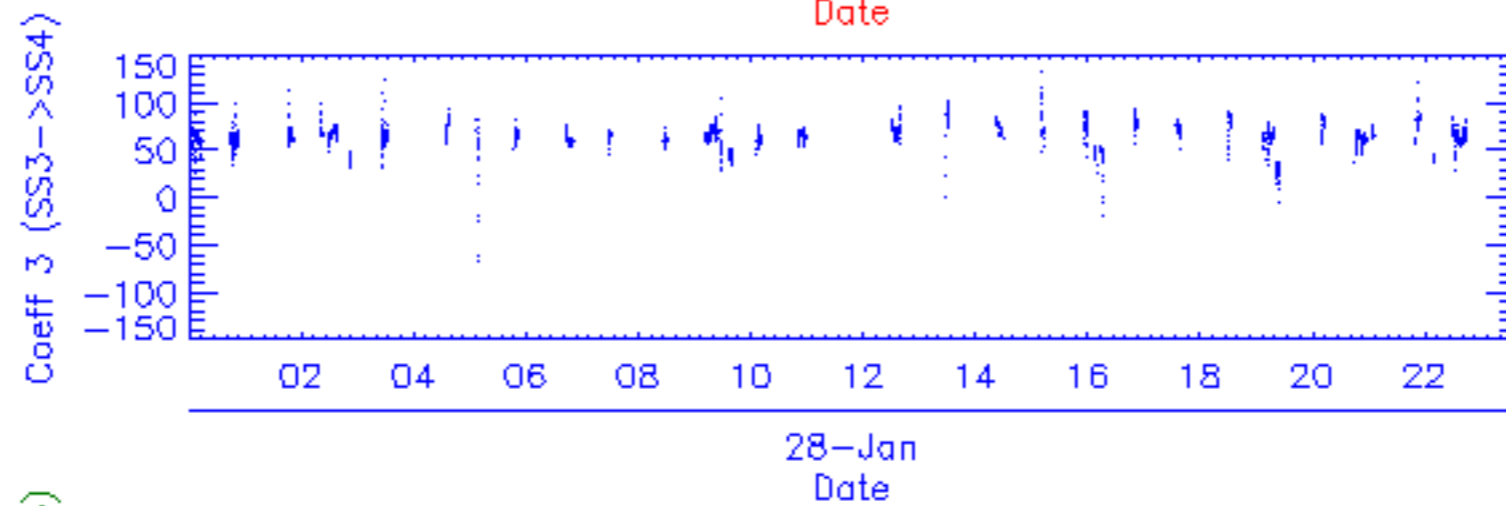
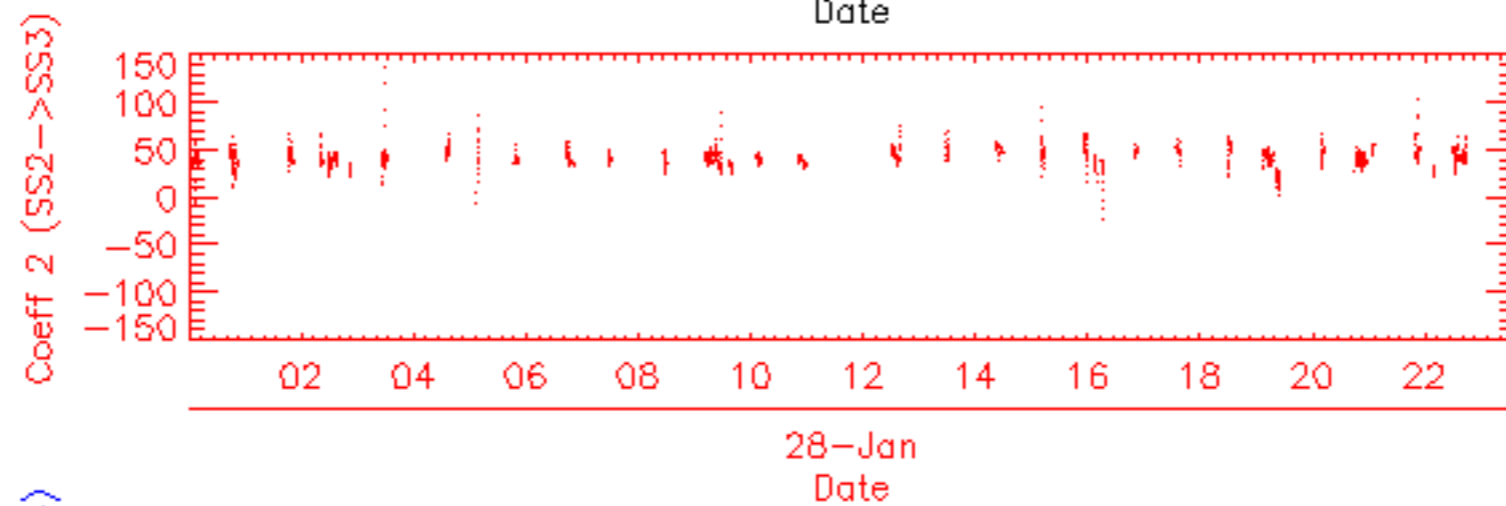
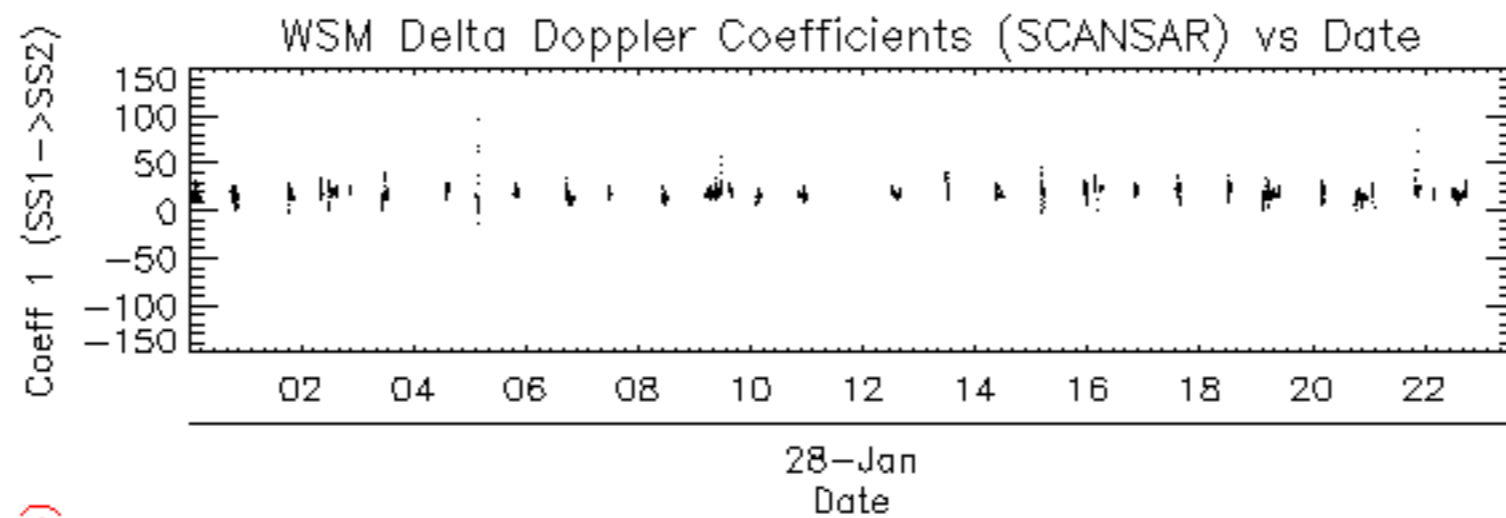


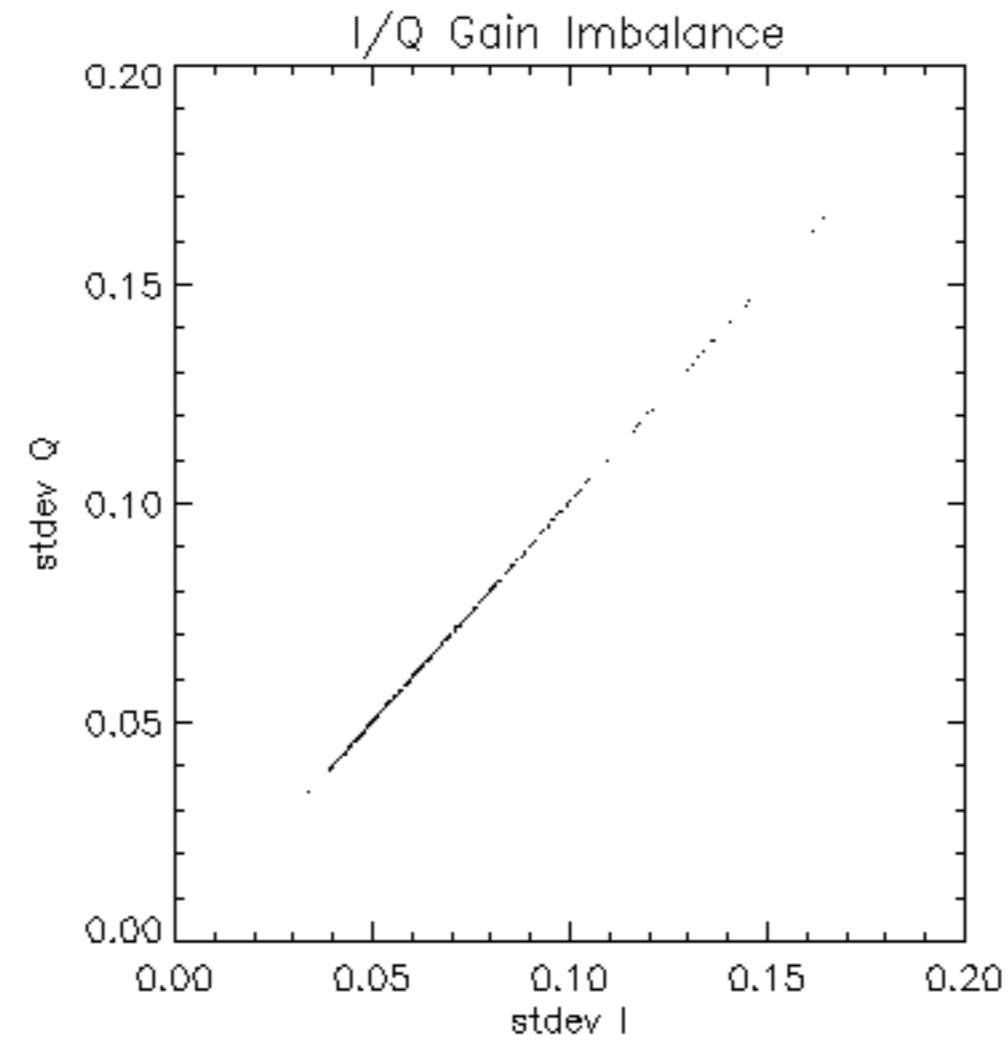


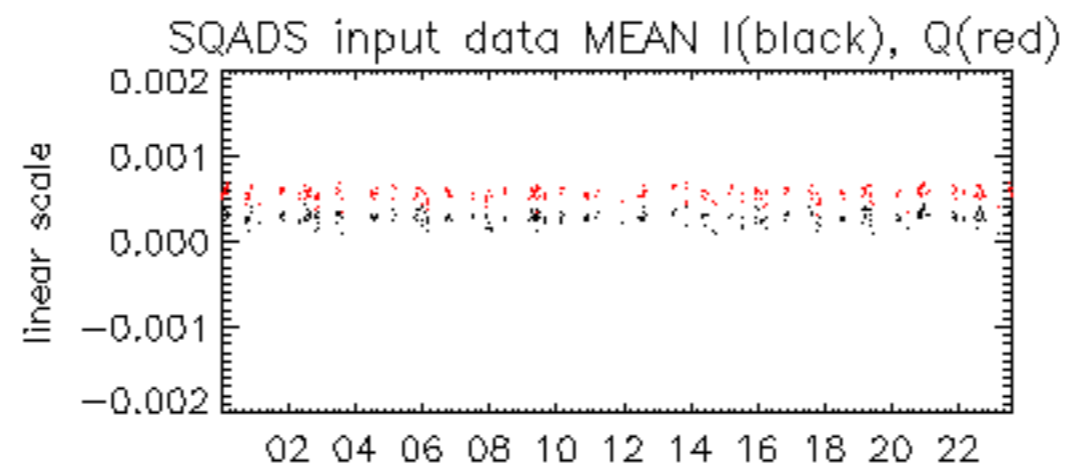




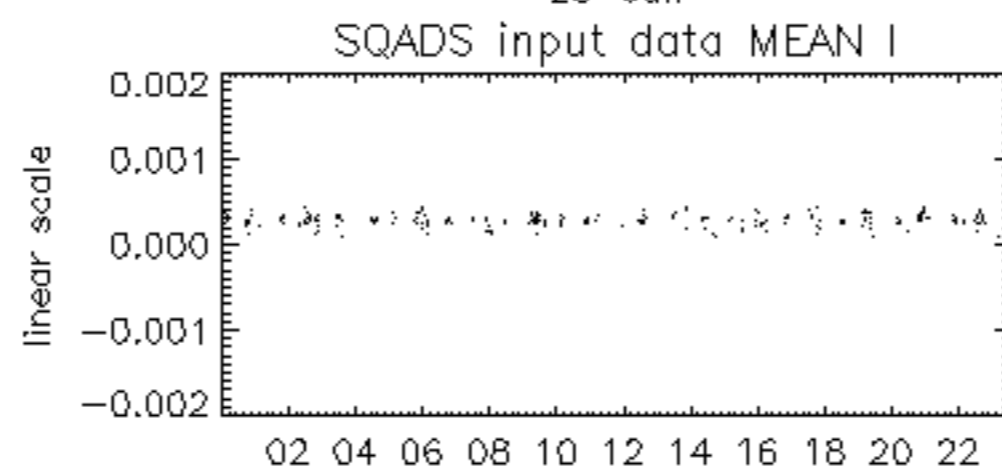




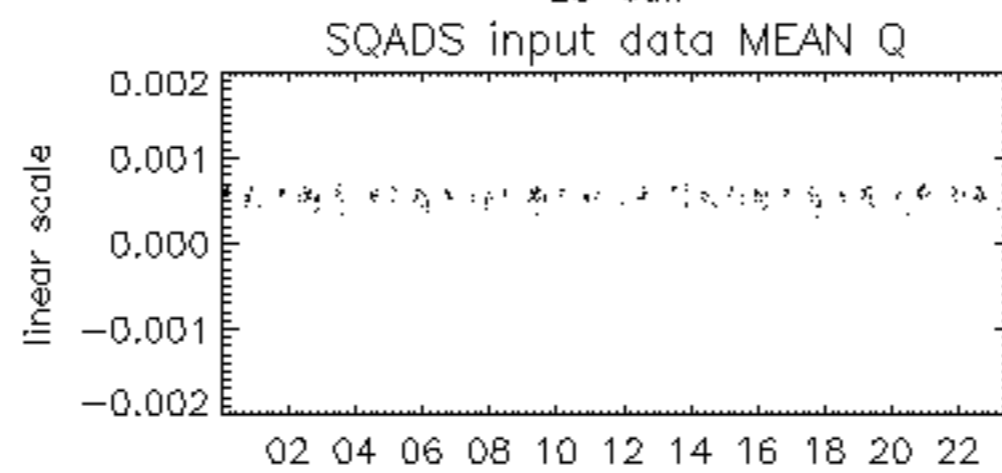




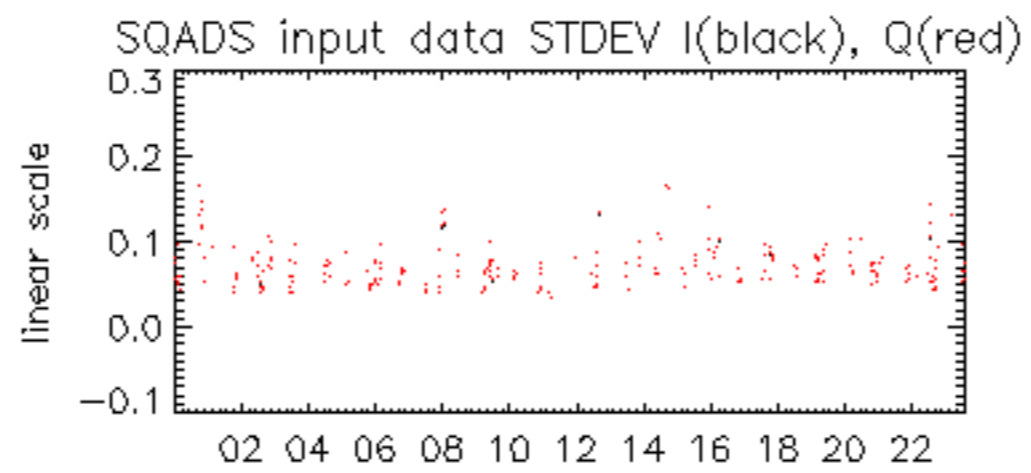
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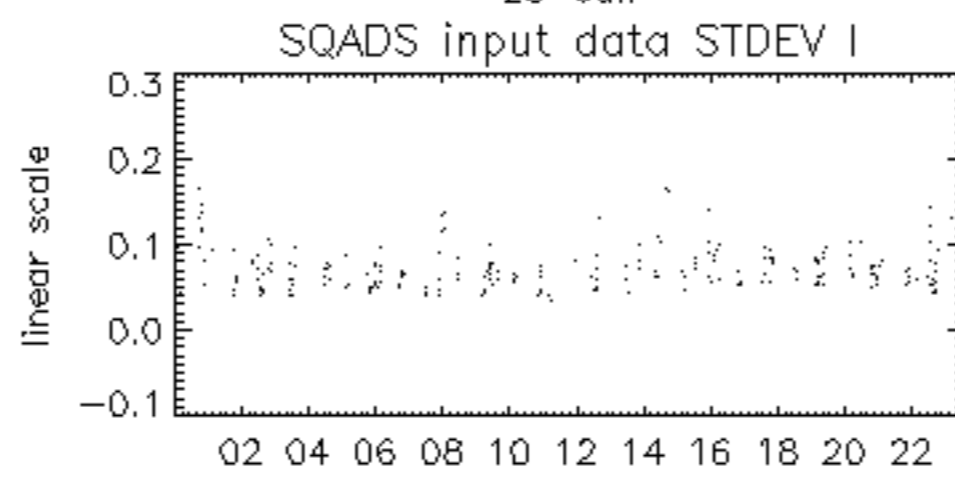
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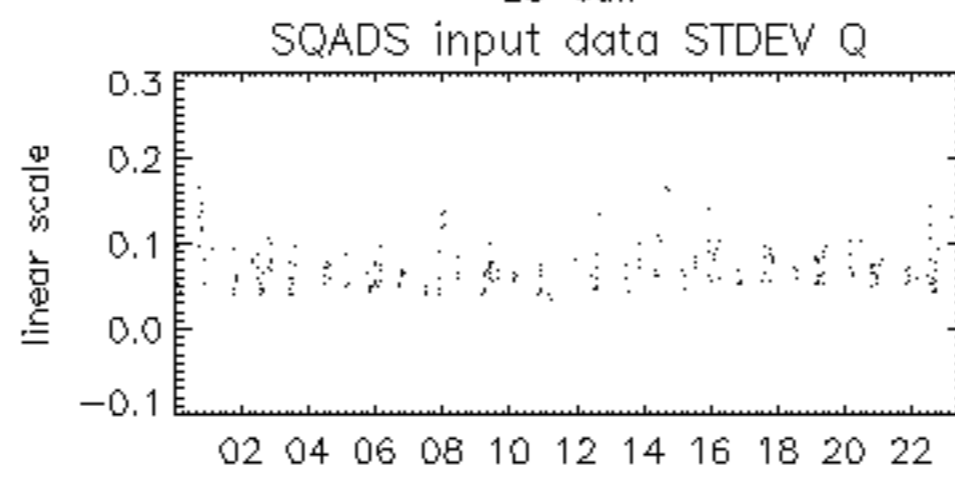
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