



ASAR Daily Report



Analysis from 15-JAN-2009 00:00:00 to 15-JAN-2009 23:59:59. Page generated on 16-JAN-2009 07:41:18.
View log file: ASAR_Daily_Report_20090116_0730.log. For any anomalies please contact mtranfaglia@serco.it, gscarpino@serco.it, Emma.Griffiths@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDE	IS1	V/V	2	PDE	WS	H/H	38													PDK	2009-01-15 07:06:52	H	320
PDE	IS2	V/V	29	PDK	WS	H/H	36																
PDK	IS2	V/V	23																				

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_MS_products_used](#)

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000

2.2 - Products with wrong ADFs

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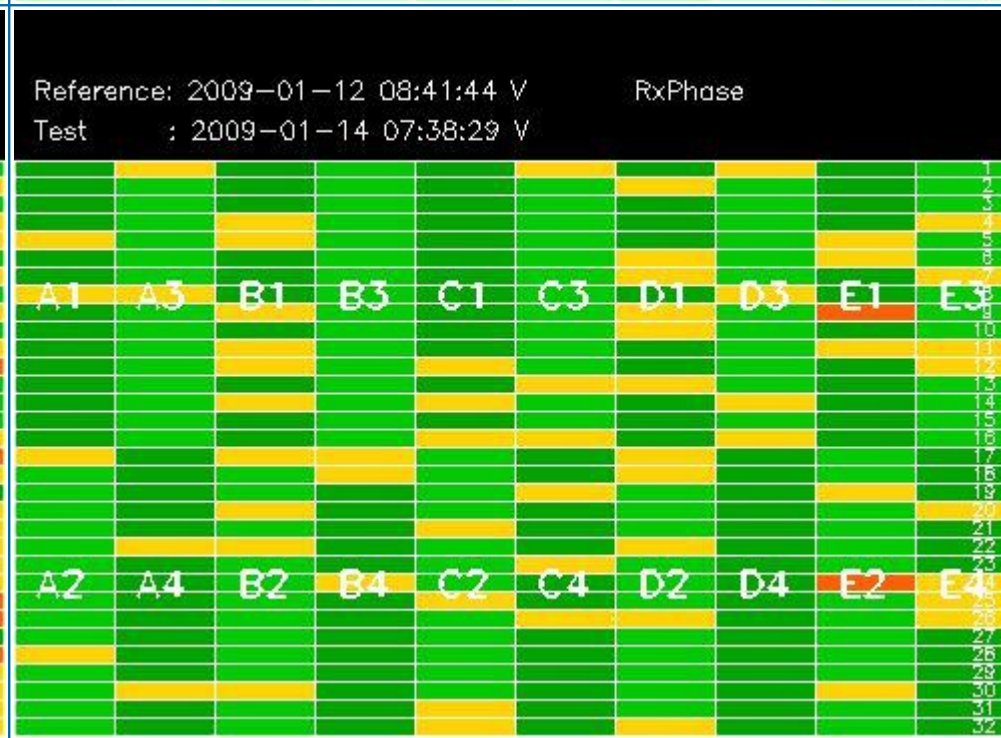
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0
GM1	0	0	0	0

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

[[TXT](#)] [[XLS](#)] [Check_ADFs_GM1](#)

3 - MODULE STEPPING PRODUCTS ANALYSIS

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





3.2 - H/H polarisation

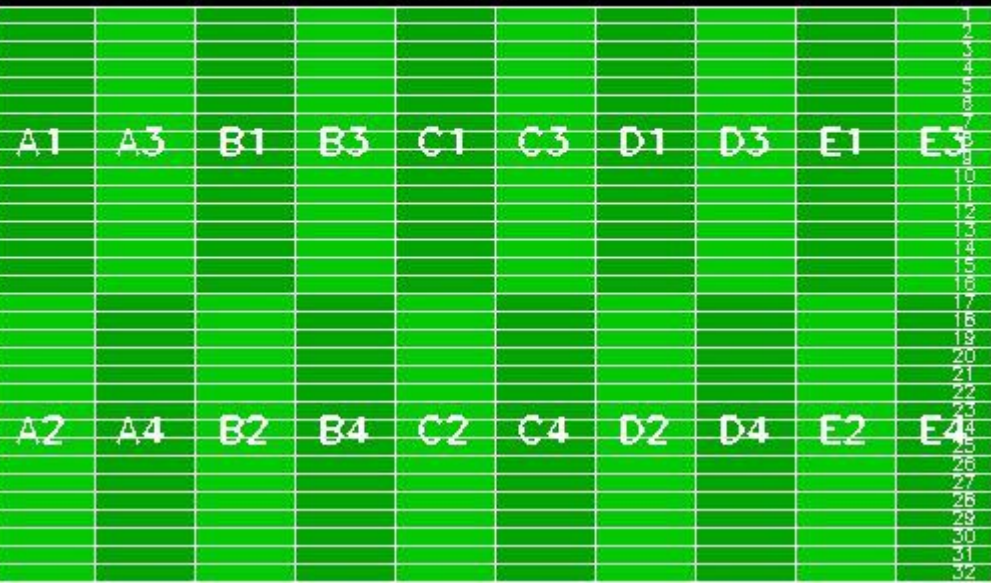
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SECOND FIXED REFERENCE	PREVIOUS PRODUCT REFERENCE
After antenna maintenance (2005-09-22/23)	Previous product in the same polarisation

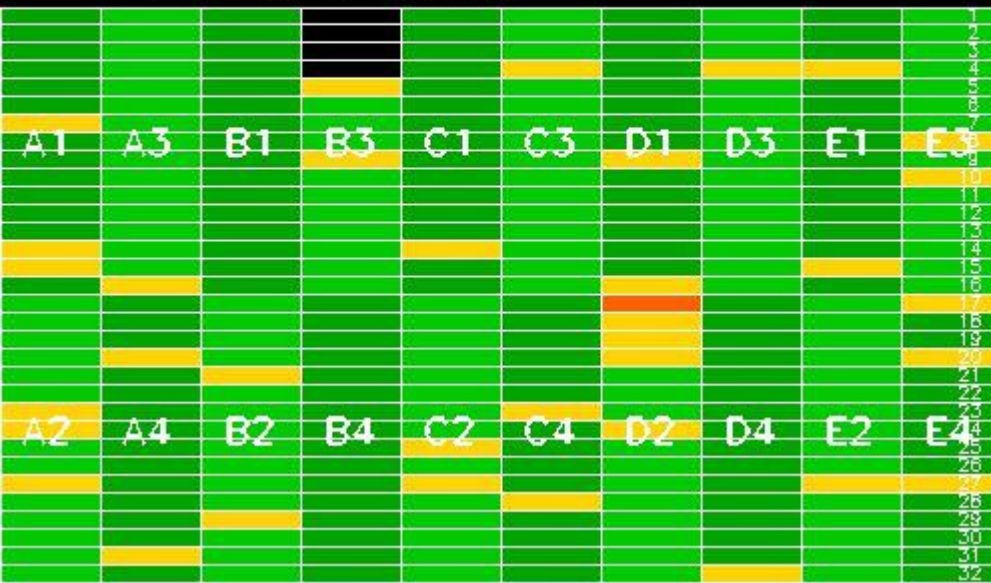
Reference: 2005-09-22 06:26:51 H RxGain
 Test : 2009-01-15 07:06:52 H



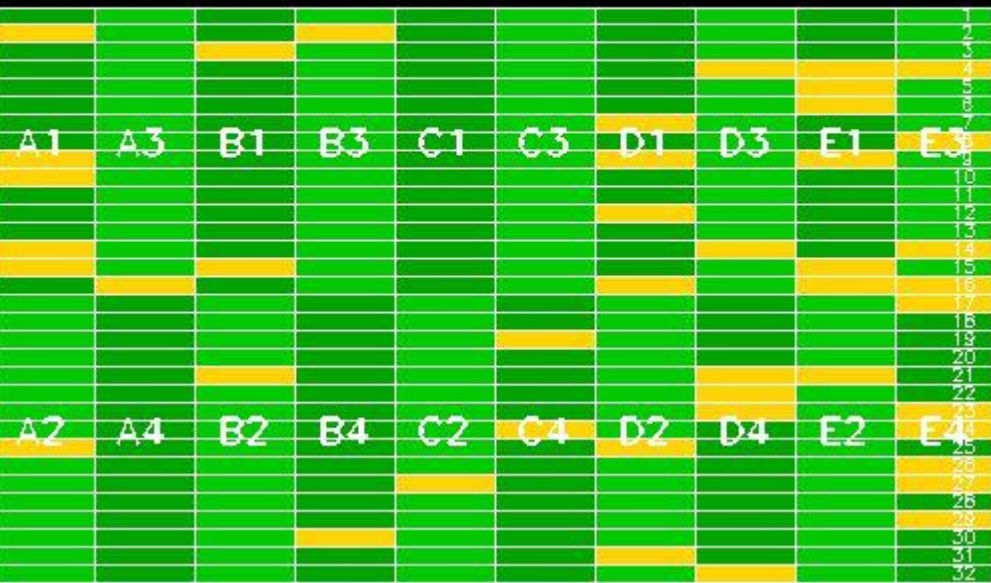
Reference: 2009-01-13 08:10:07 H RxGain
 Test : 2009-01-15 07:06:52 H

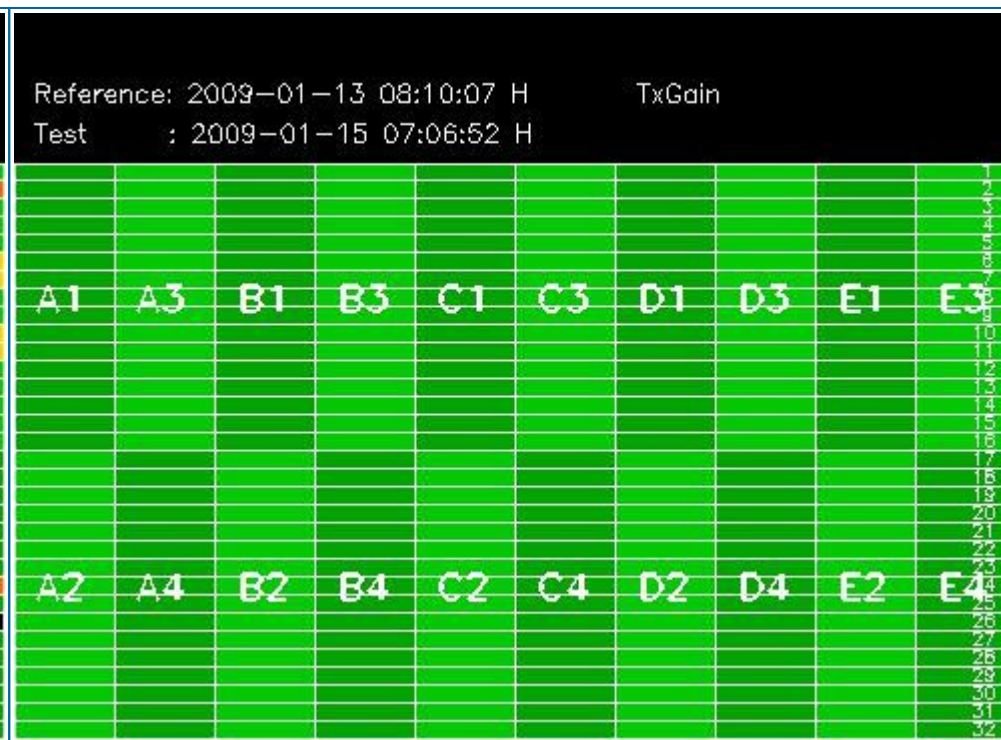


Reference: 2005-09-22 06:26:51 H RxPhase
 Test : 2009-01-15 07:06:52 H



Reference: 2009-01-13 08:10:07 H RxPhase
 Test : 2009-01-15 07:06:52 H





4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

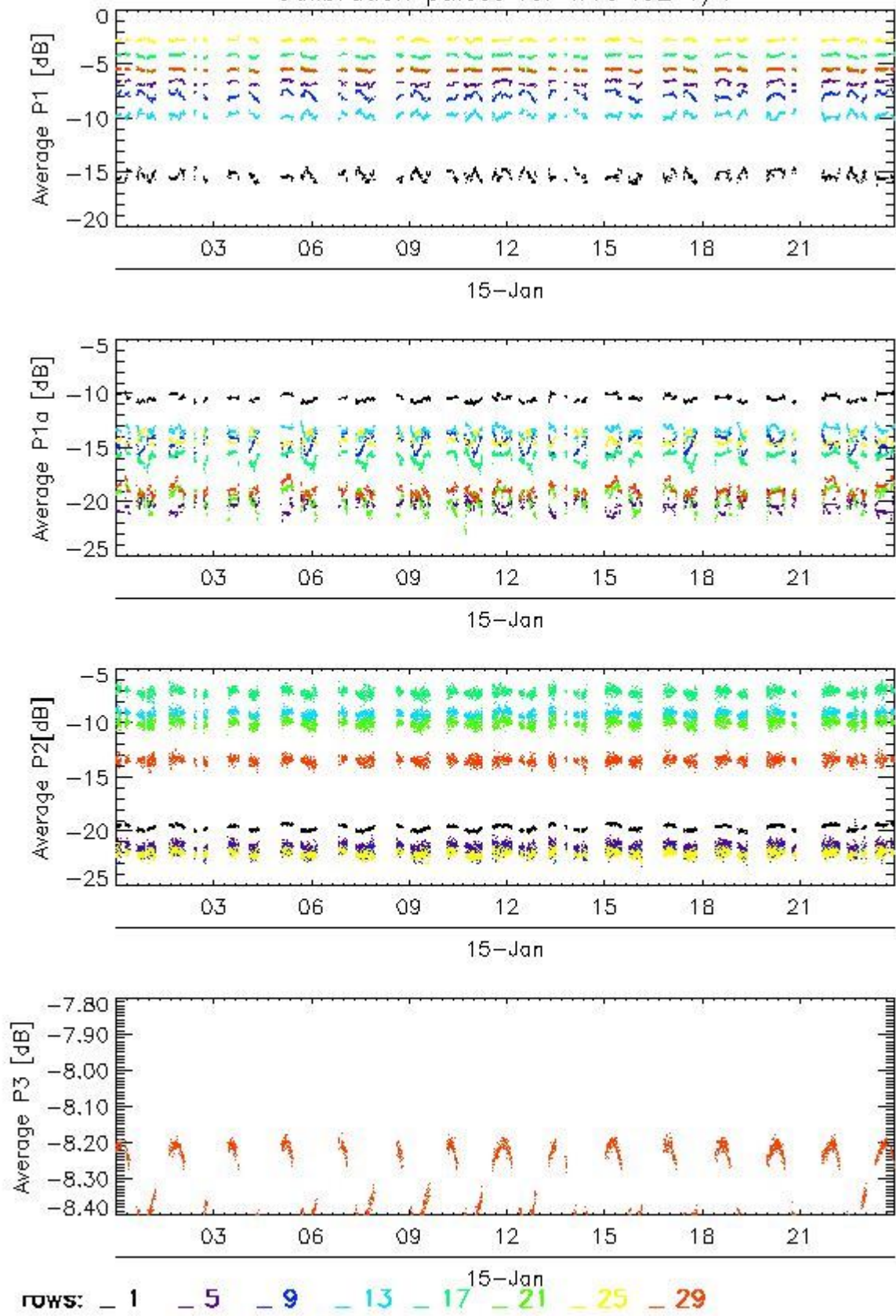
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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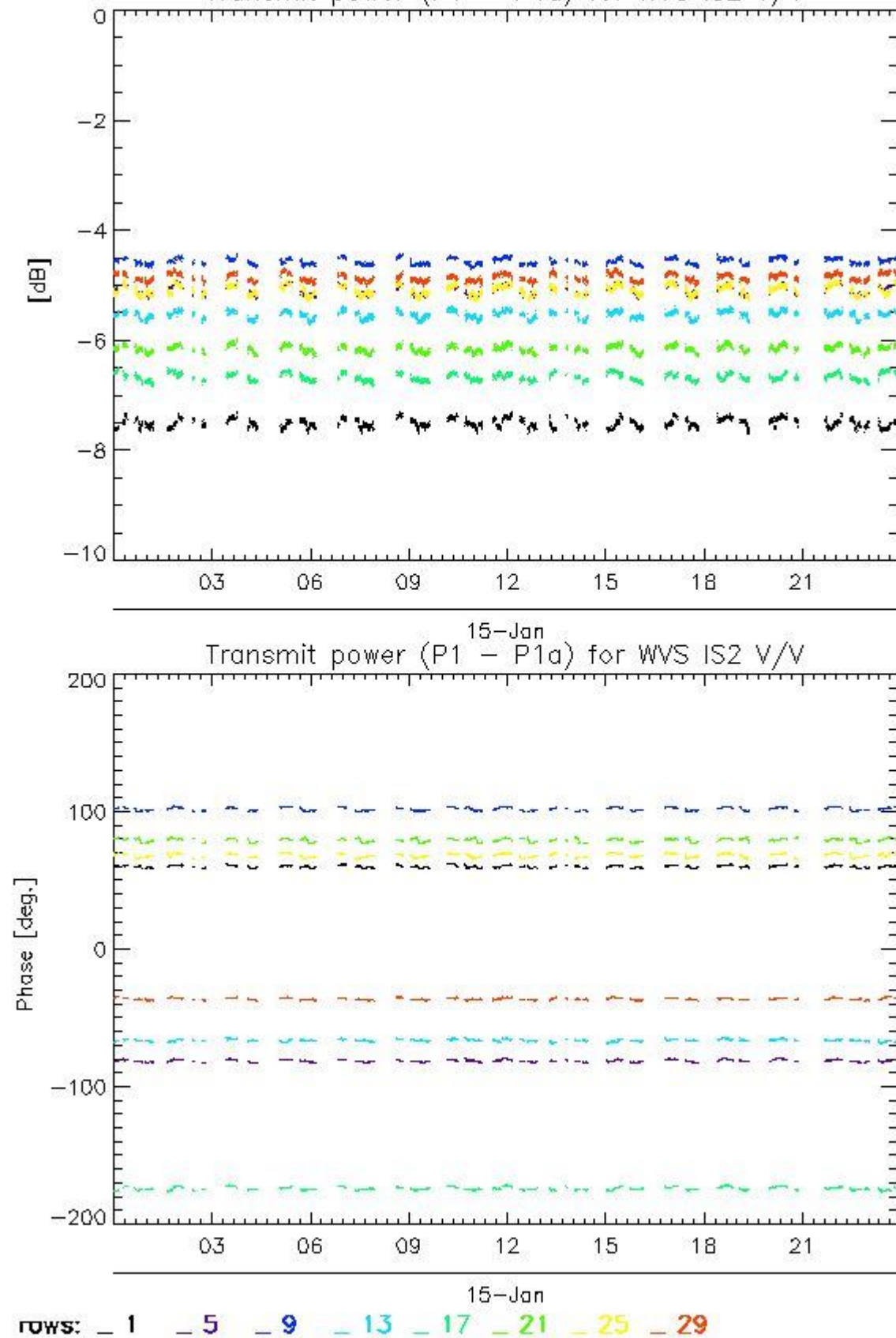
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



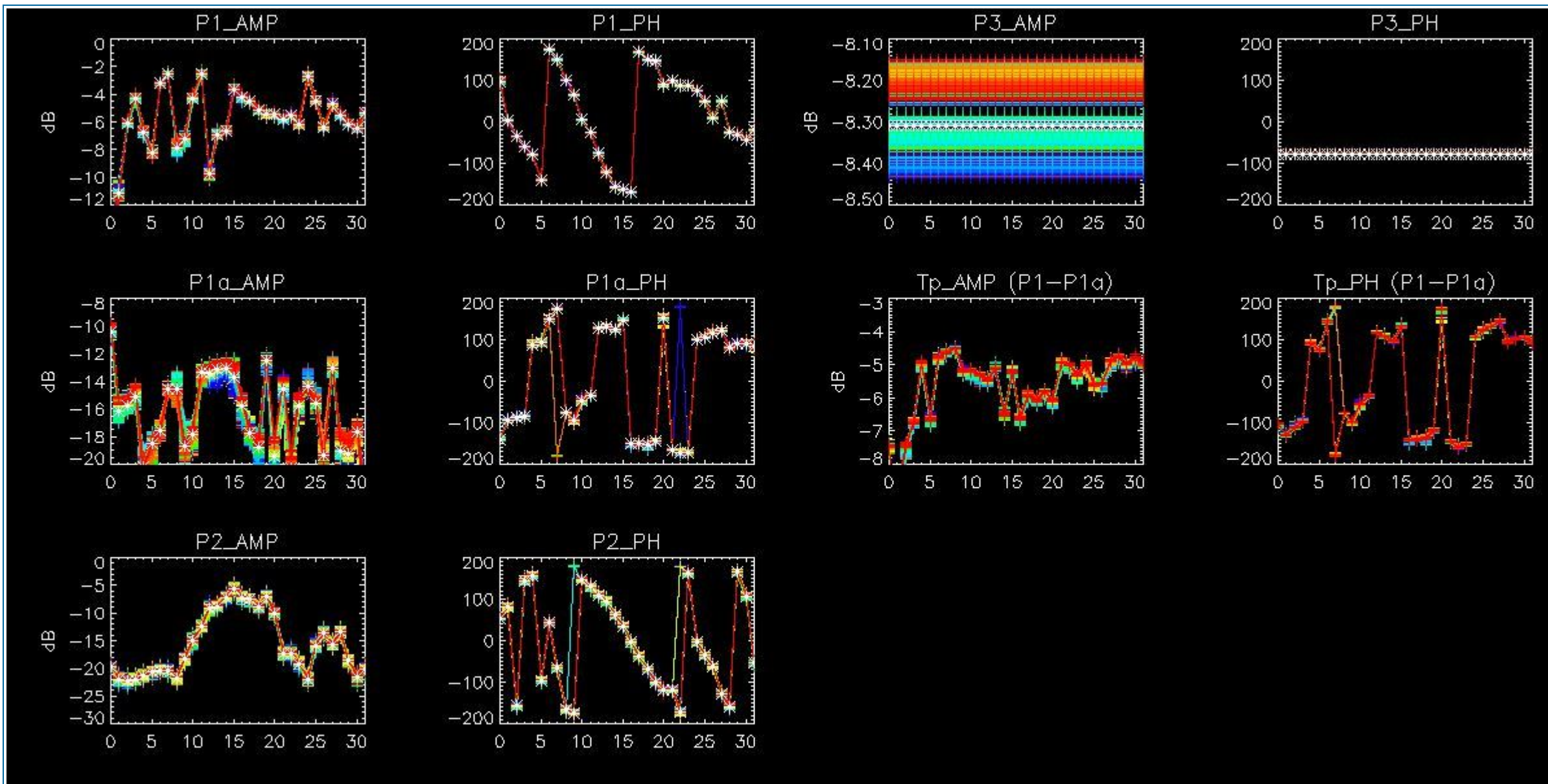
Transmit power (P1 - P1a) for WVS IS2 V/V



4.1.2 - All Rows Analysis for WVS IS2 V/V

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4.2 - Analysis for GM1 SS3 H/H

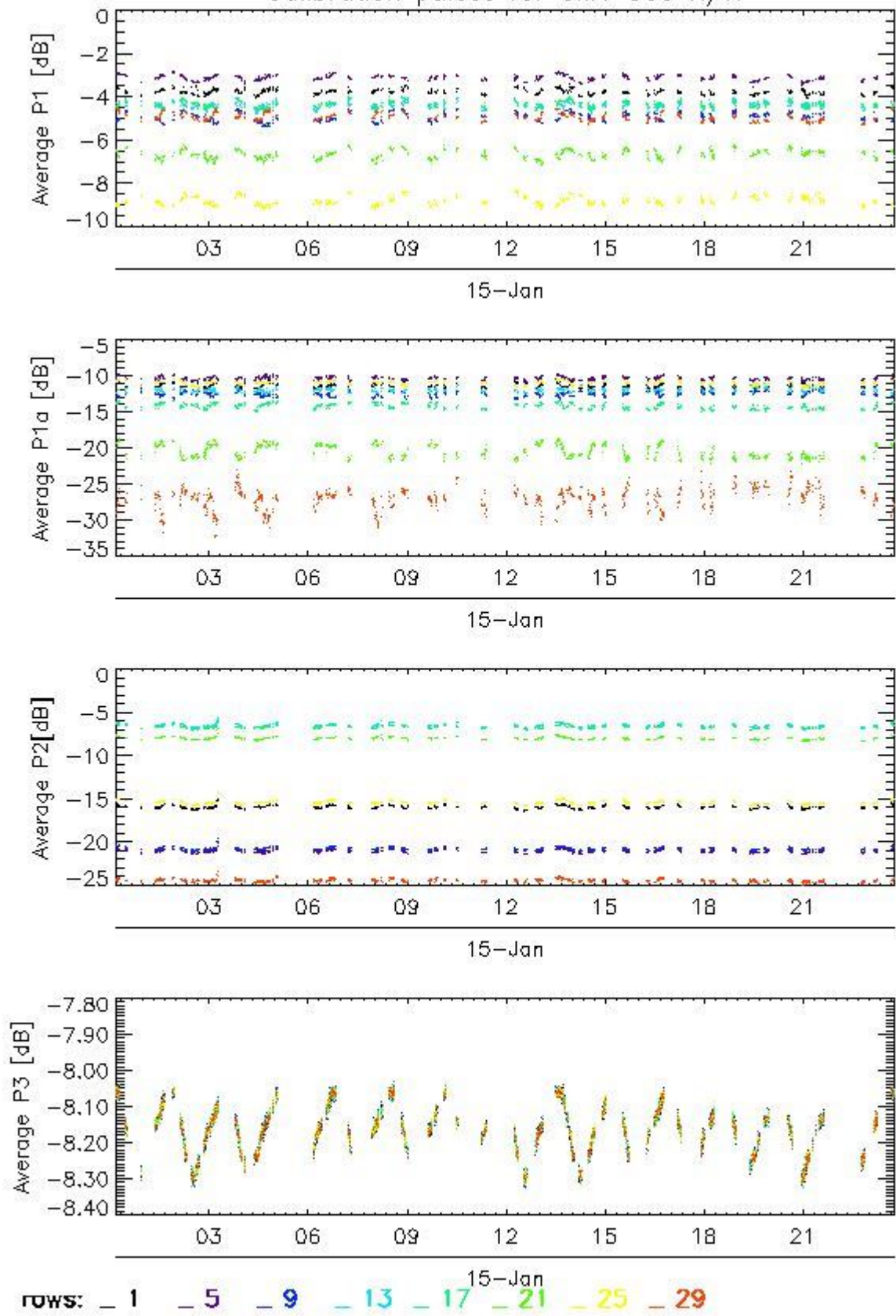
4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

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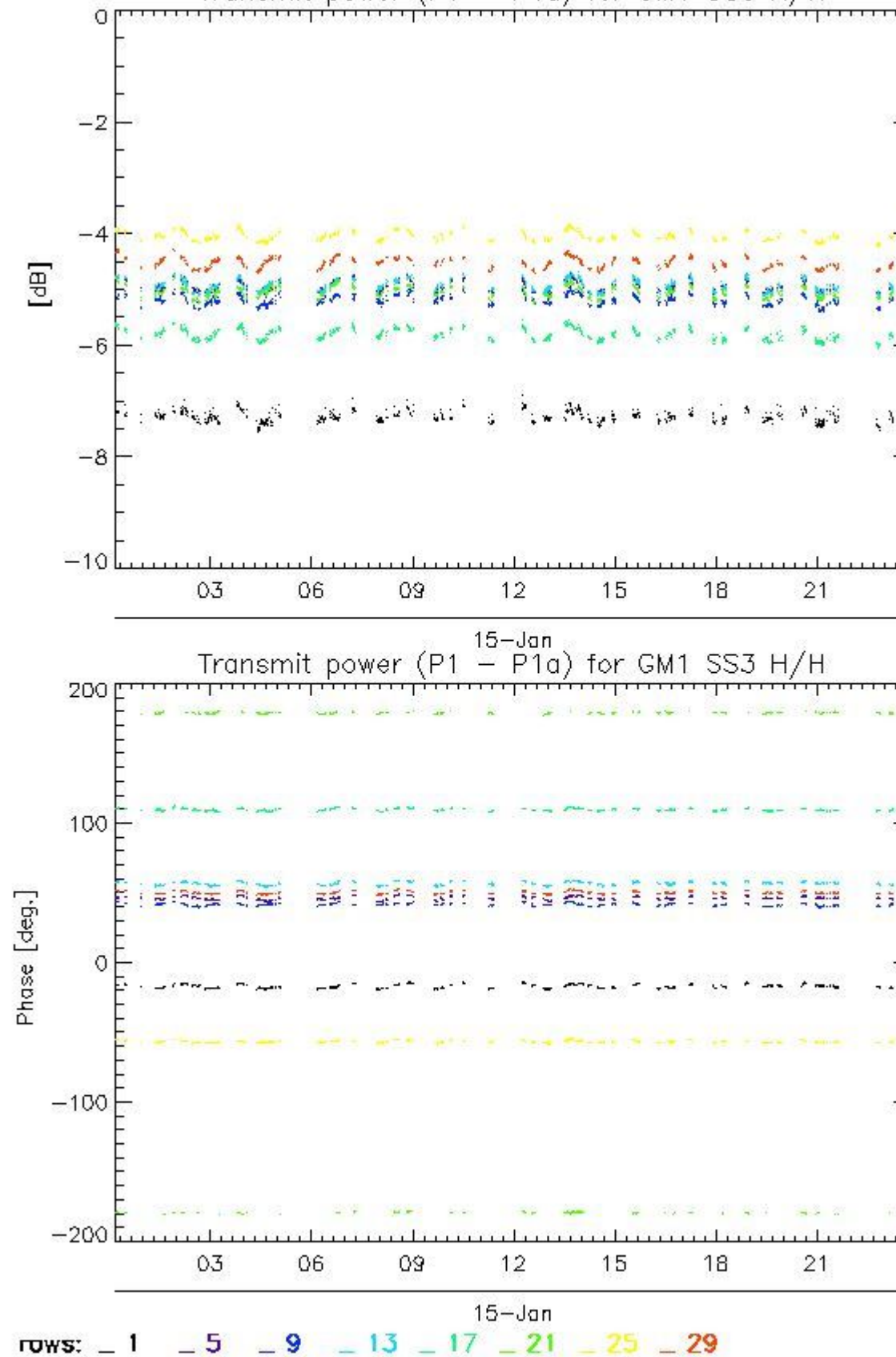
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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



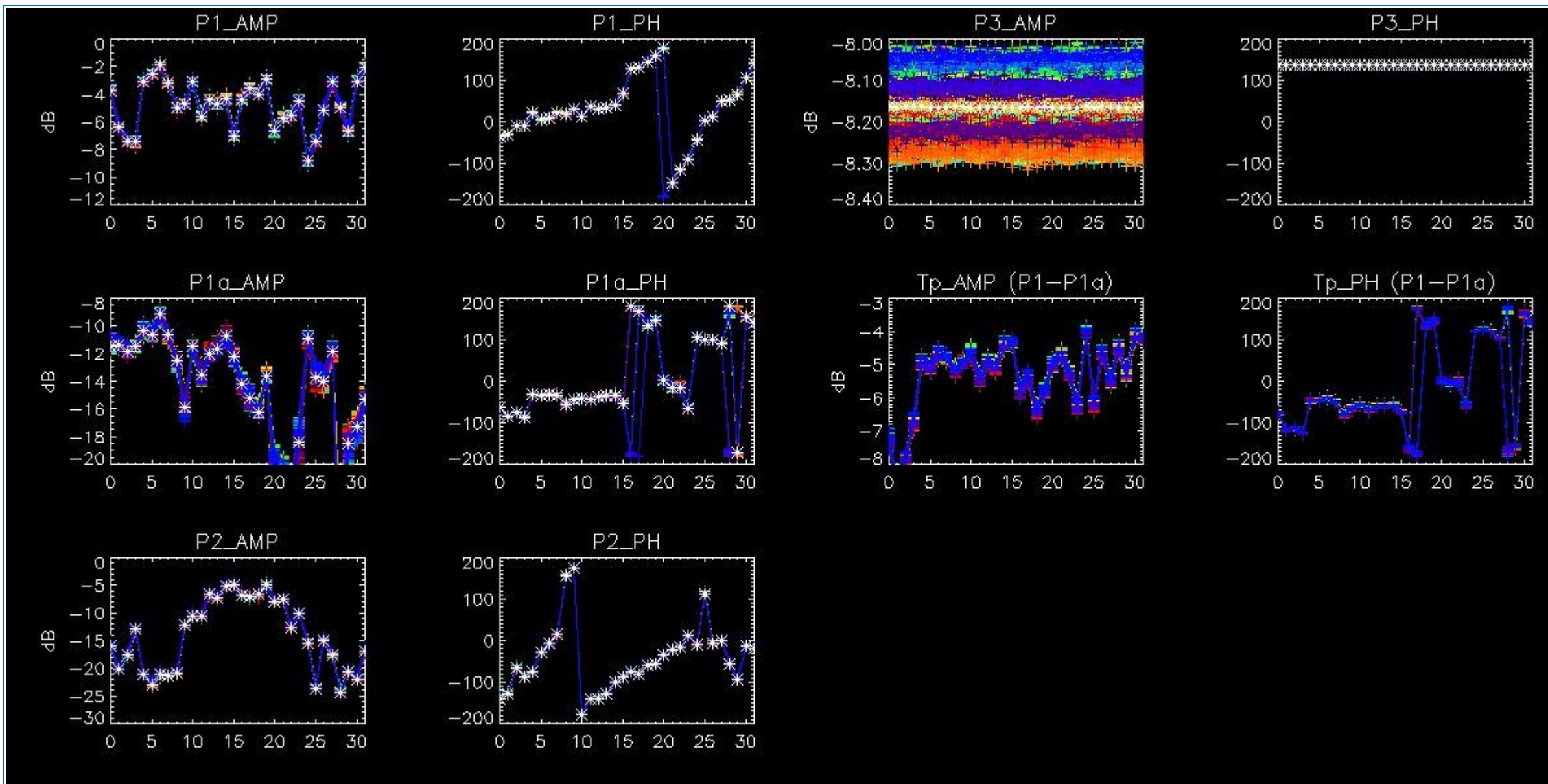
Transmit power (P1 - P1a) for GM1 SS3 H/H



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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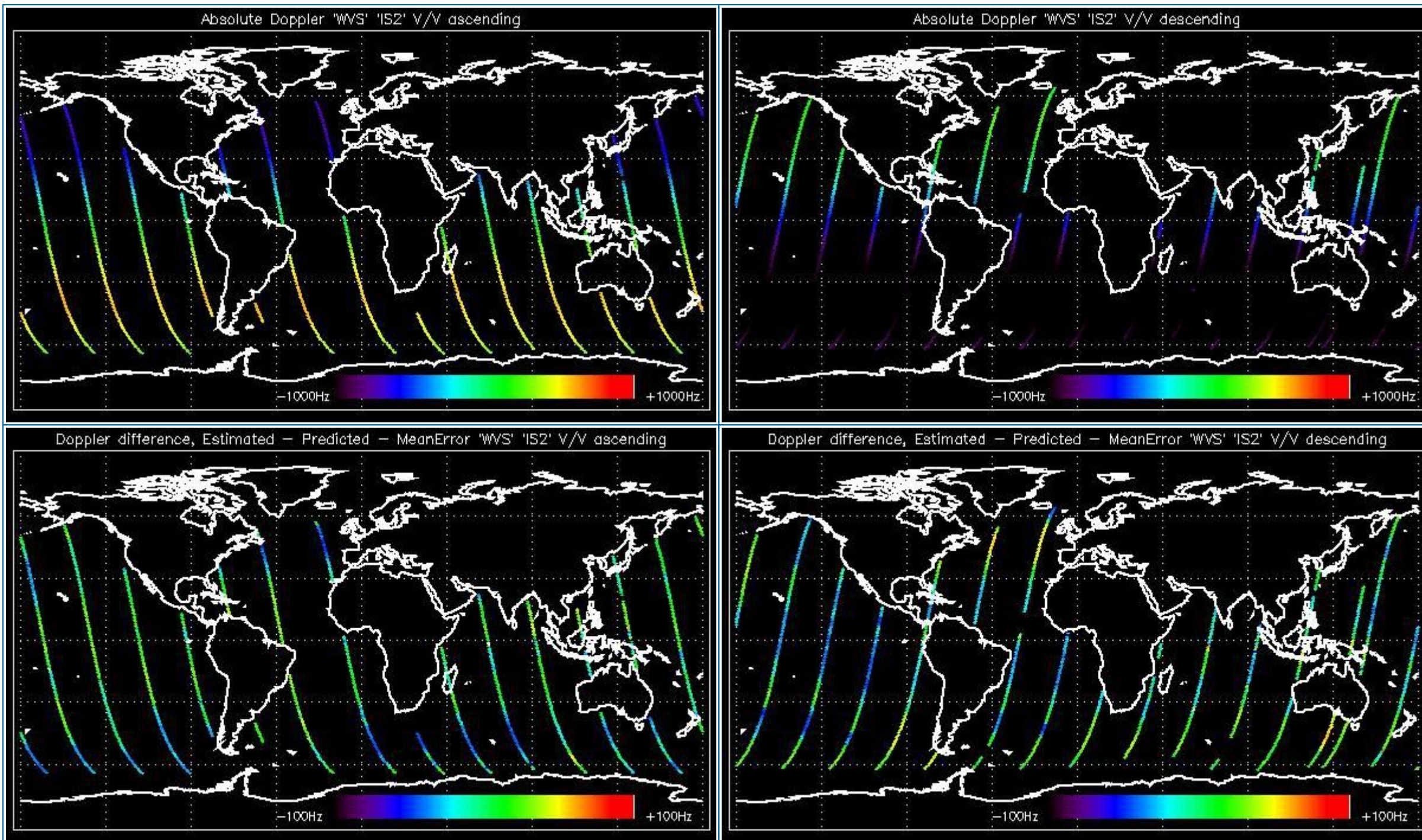
5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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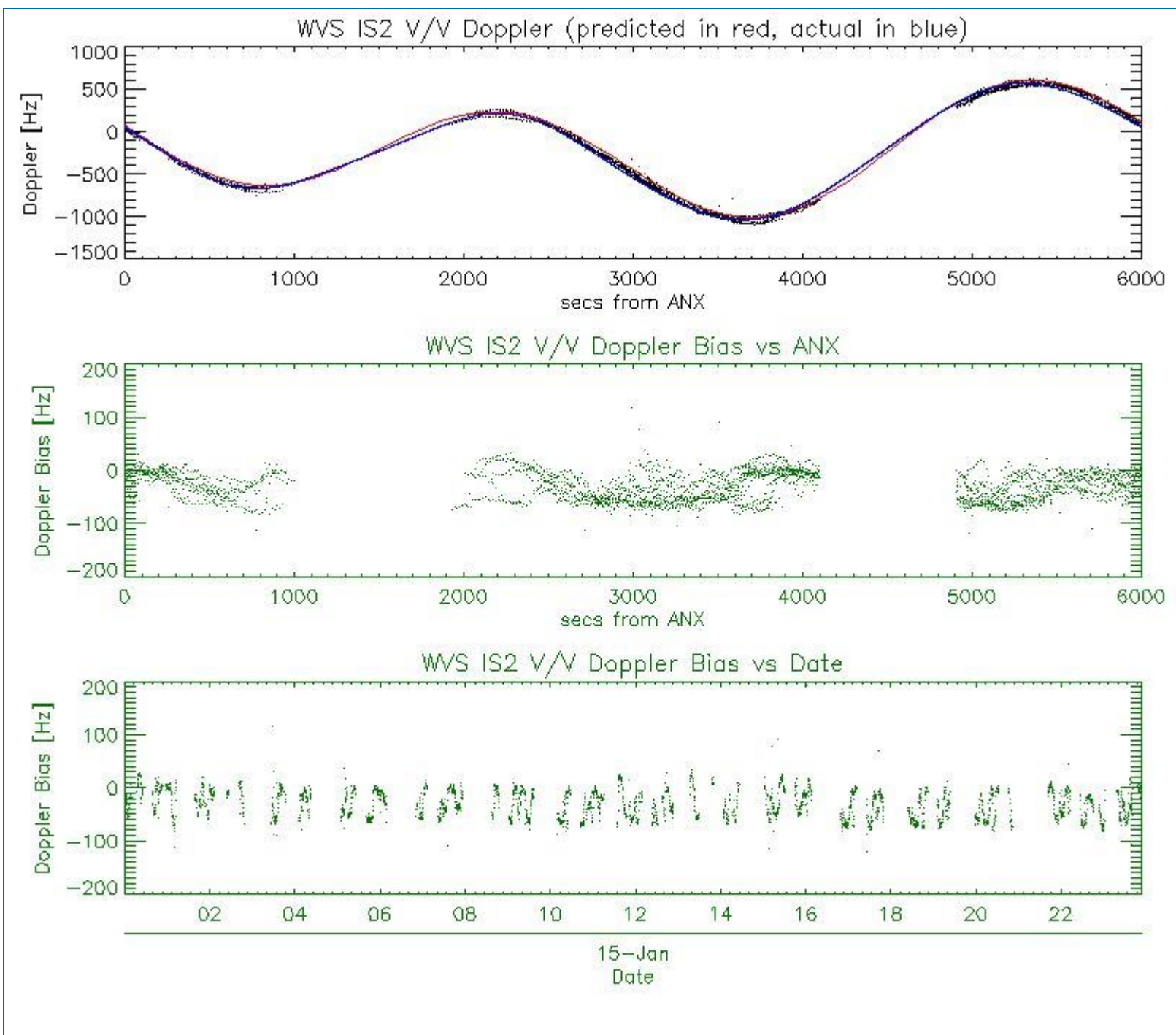




5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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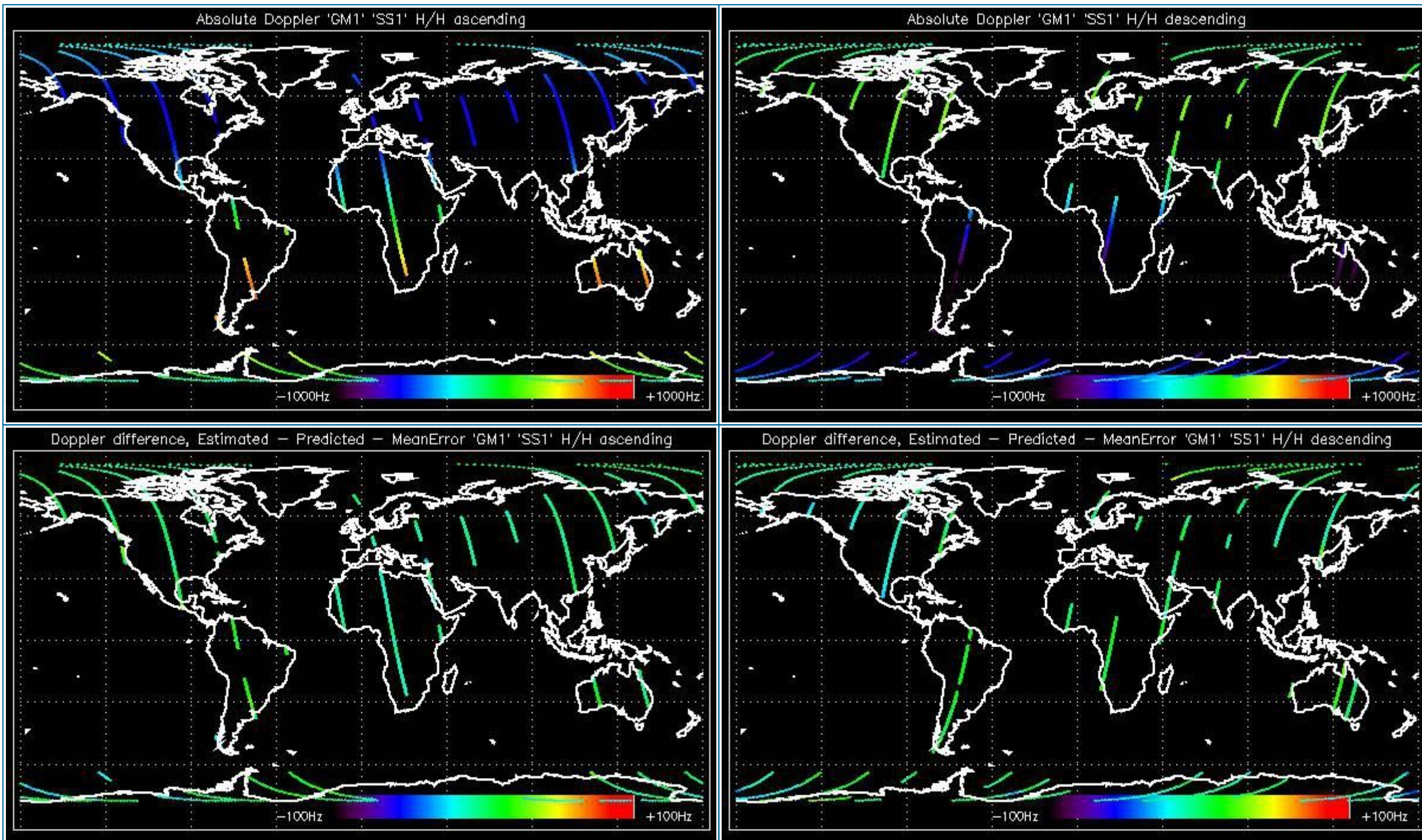


5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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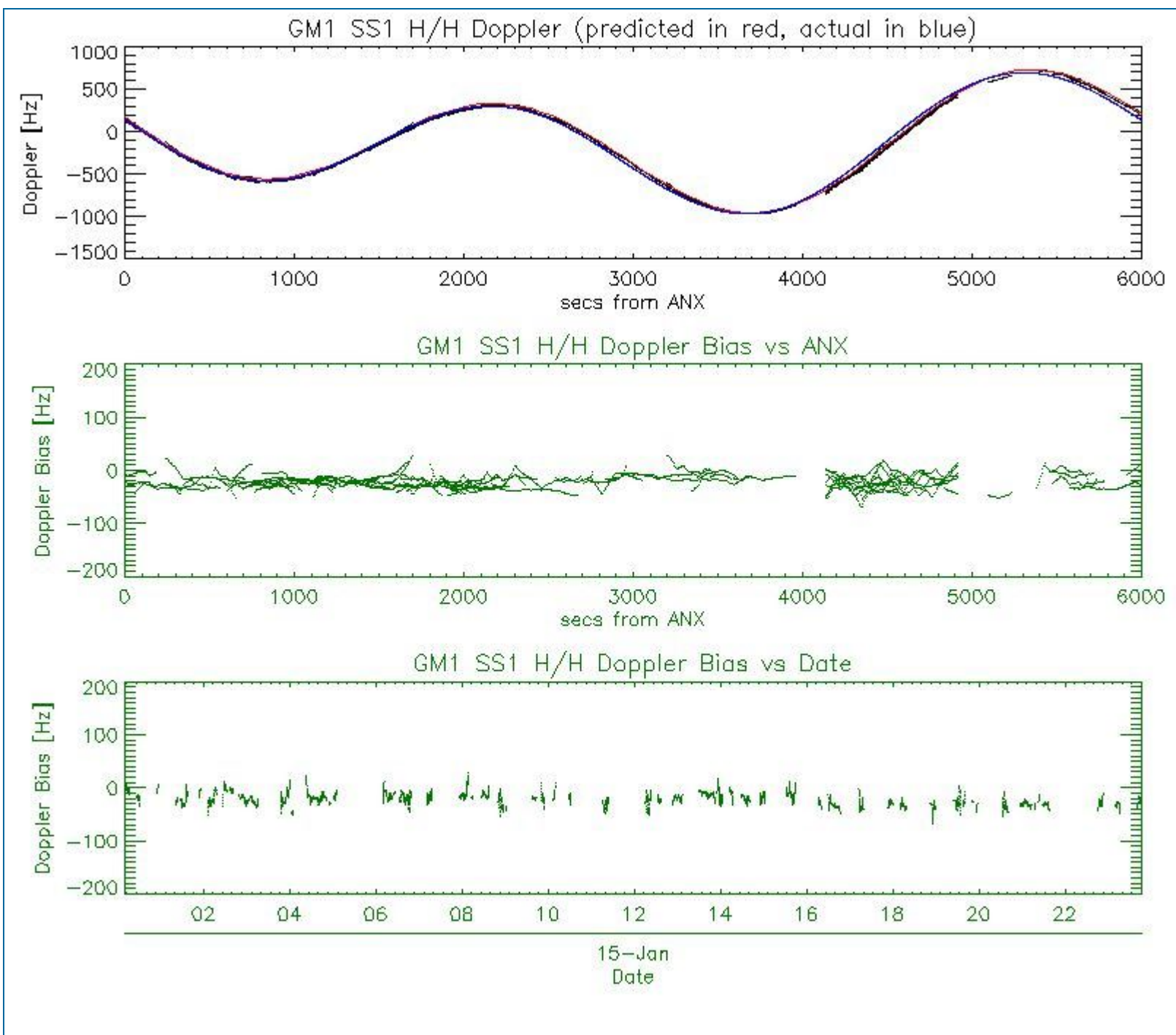




5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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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

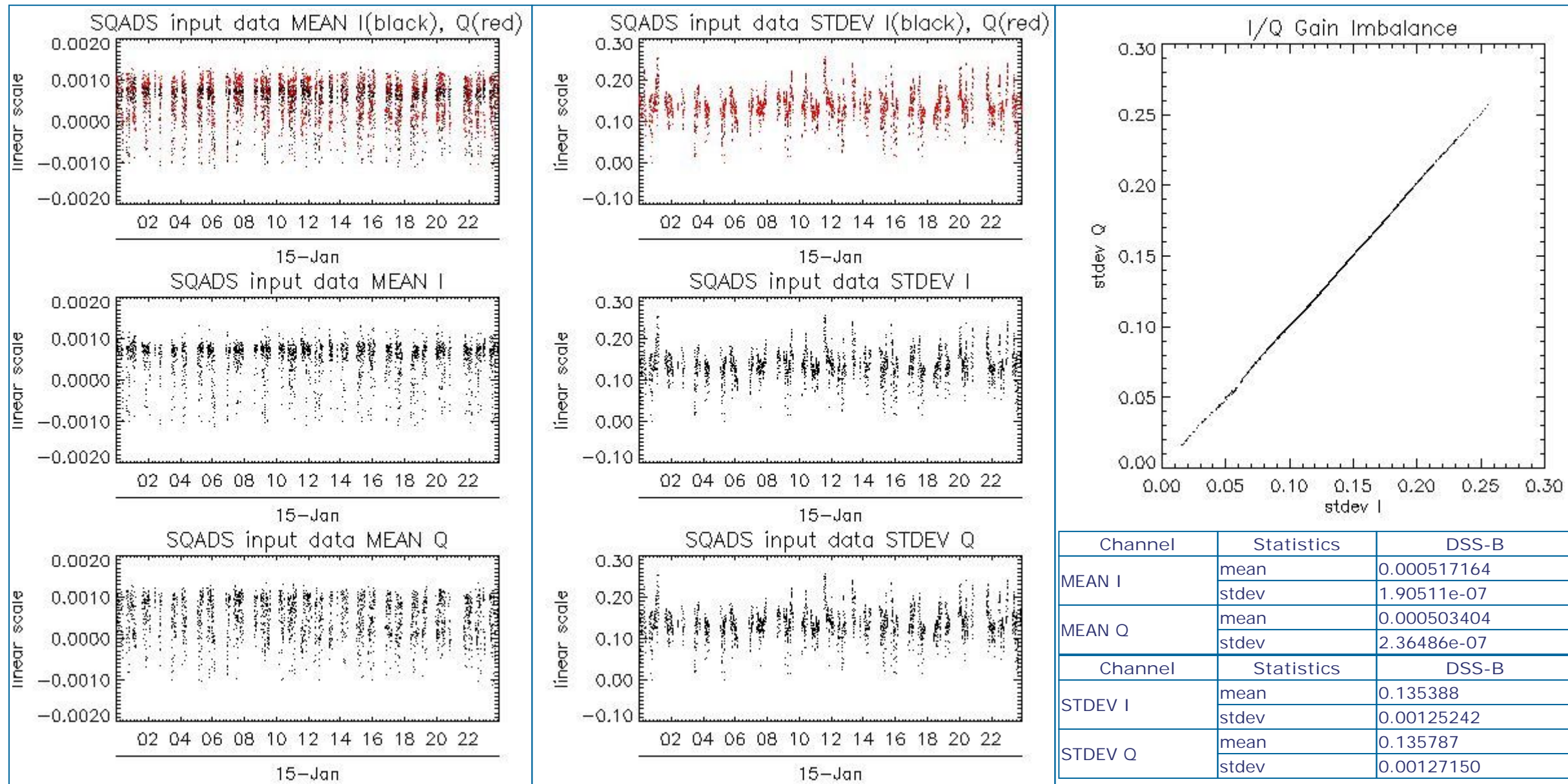
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7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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7.2 - Analysis for IMM

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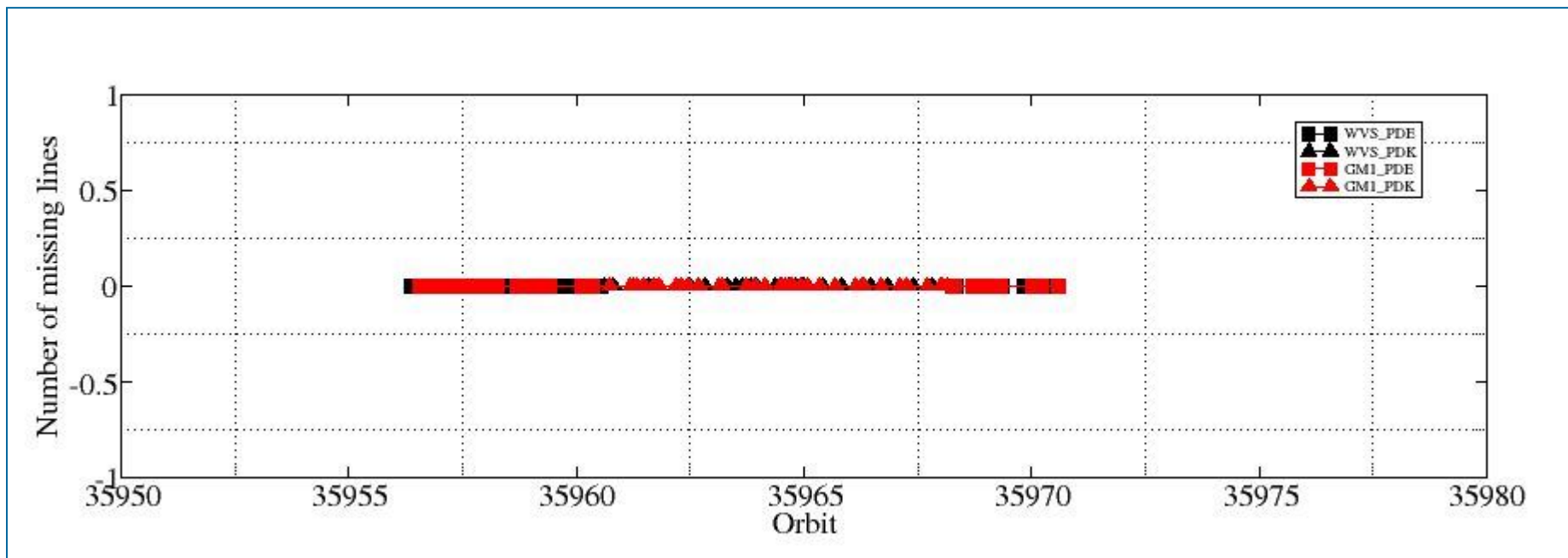
Channel	Statistics	DSS-B
MEAN I	mean	
	stdev	
MEAN Q	mean	
	stdev	
Channel	Statistics	DSS-B

STDEV I	mean	
	stdev	
STDEV Q	mean	
	stdev	

8 - TELEMETRY ANALYSIS

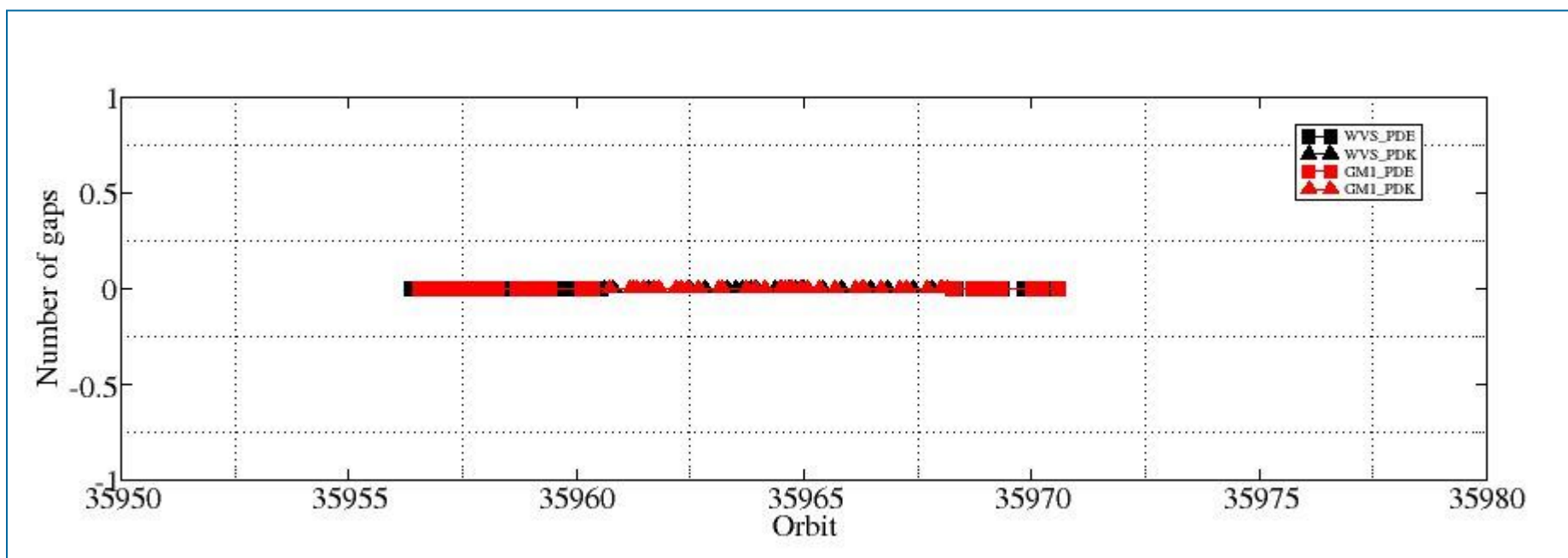
8.1 - Number of Missing lines

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8.2 - Number of Gaps

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(a) Modification, reverse engineering or distribution is not permitted in any form.
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ASAR DAILY REPORT for 090115
#####

MODE: DAILY
ANALYSIS: ALL
DATE: YESTERDAY

Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090115/

DATA SUMMARY

Summary will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090115/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090115/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/090115/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/090115/AUXILIARY

Creating directory ./RESULTS/DAILY/090115/AUXILIARY...

Looking for the IECF operational ADFs list...



Found list 20090115_030000_current_3_IECF_ADFs.txt...
Extracting ADFs...

ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20081215_140905_20070307_060000_20091231_000000
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20081215_141741_20070204_165113_20091231_000000

Writing file ./RESULTS/DAILY/090115/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090115/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/090115/AUXILIARY/Check_ADFs_WVS.xls...
Writing file ./RESULTS/DAILY/090115/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDE20090115_001723_000004502075_00331_35956_7541.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_003859_000004642075_00331_35956_7551.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_004544_000004192075_00331_35956_7676.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_005655_000009442075_00331_35956_7683.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_013822_000001642075_00332_35957_7686.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_014212_000003142075_00332_35957_8149.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_014900_000002542075_00332_35957_7692.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_015601_000006002075_00332_35957_7714.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_022410_000001502075_00332_35957_7841.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_024129_000003892075_00333_35958_7854.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_032639_000006742075_00333_35958_7857.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_033739_000002552075_00333_35958_7983.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_034511_000000752075_00333_35958_7996.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_040532_000010042075_00333_35958_8021.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_050458_000009592075_00334_35959_8026.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_052043_000002702075_00334_35959_8172.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_054047_000016942075_00334_35959_8214.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_065022_000001042075_00335_35960_8201.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_065451_000003442075_00335_35960_8204.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_195800_000020692075_00343_35968_8587.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_204606_000000752075_00343_35968_8595.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_204636_000003152075_00343_35968_8724.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_214052_000019042075_00344_35969_8727.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_222646_000005102075_00344_35969_8739.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_223416_000006892075_00344_35969_8860.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_225311_000004942075_00345_35970_8865.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_231859_000012892075_00345_35970_8877.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDE20090115_234655_000003902075_00345_35970_8874.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_070021_000003452075_00335_35960_7581.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_072118_000020542075_00335_35960_7591.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_083726_000006302075_00336_35961_7685.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_090203_000020842075_00336_35961_7695.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_093703_000000152075_00336_35961_7698.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_101007_000011242075_00337_35962_7818.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_104235_000019342075_00337_35962_7825.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_113327_000008542075_00338_35963_7937.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_115048_000009142075_00338_35963_7940.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_120750_000001052075_00338_35963_7943.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_122315_000004652075_00338_35963_7948.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_123743_000009242075_00338_35963_7957.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_131649_000007792075_00339_35964_8095.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_134749_000001352075_00339_35964_8102.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_140351_000005102075_00339_35964_8105.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_141734_000001942075_00339_35964_8110.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_142244_000002242075_00340_35965_8115.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_150201_000017242075_00340_35965_8225.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_154427_000014242075_00340_35965_8237.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_164859_000013342075_00341_35966_8345.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20090115_172540_000014392075_00341_35966_8357.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK



ASA_WVS_1PNPDK20090115_182416_000016492075_00342_35967_8462.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_WVS_1PNPDK20090115_190534_000010492075_00342_35967_8471.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

Writing file ./RESULTS/DAILY/090115/AUXILIARY/Check_ADFs_GM1.xls...

Writing file ./RESULTS/DAILY/090115/AUXILIARY/Check_ADFs_GM1.txt...

ASA_GM1_1PNPDE20090115_001025_000004162075_00331_35956_7543.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_002712_000001992075_00331_35956_7553.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_005534_000000782075_00331_35956_7678.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_012051_000002112075_00332_35957_7680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_012802_000006162075_00332_35957_7694.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_015357_000001202075_00332_35957_7696.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_020638_000003622075_00332_35957_7698.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_021416_000003202075_00332_35957_7706.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_022718_000003382075_00332_35957_7843.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_023654_000002712075_00332_35957_7849.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_024849_000000782075_00333_35958_7847.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_025129_000004532075_00333_35958_7851.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_025951_000002292075_00333_35958_7845.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_030519_000006342075_00333_35958_7864.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_034714_000007792075_00333_35958_8023.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_040308_000001442075_00333_35958_8002.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_042253_000012202075_00334_35959_8110.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_044452_000002112075_00334_35959_8009.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_044959_000001142075_00334_35959_8013.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_045456_000001022075_00334_35959_8011.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_050114_000002232075_00334_35959_8015.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_060942_000001382075_00335_35960_8165.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_061259_000005792075_00335_35960_8169.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_062414_000001262075_00335_35960_8167.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_063301_000001932075_00335_35960_8174.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_063747_000007552075_00335_35960_8211.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_194950_000001442075_00343_35968_8582.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_195554_000001262075_00343_35968_8584.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_203313_000004832075_00343_35968_8597.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_205710_000010262075_00343_35968_8729.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_211737_000000722075_00344_35969_8713.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_212317_000000782075_00344_35969_8719.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_212921_000003262075_00344_35969_8721.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_213616_000001262075_00344_35969_8736.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_224623_000004042075_00345_35970_8862.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_230928_000004342075_00345_35970_8871.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_234111_000002412075_00345_35970_8869.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDE20090115_234517_000000962075_00345_35970_8884.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_071136_000003922075_00335_35960_7583.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_075621_000007002075_00336_35961_7594.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_080656_000000902075_00336_35961_7676.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_081337_000001082075_00336_35961_7678.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_082718_000006042075_00336_35961_7680.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_085012_000004532075_00336_35961_7682.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_090040_000000782075_00336_35961_7687.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_093806_000004342075_00337_35962_7700.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_095041_000002712075_00337_35962_7813.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_100613_000002292075_00337_35962_7815.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_102937_000001502075_00337_35962_7820.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_111533_000001442075_00338_35963_7822.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_111945_000002652075_00338_35963_7832.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_121524_000004712075_00338_35963_7945.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_123232_000003082075_00338_35963_7954.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_125346_000007912075_00339_35964_7964.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_133038_000000902075_00339_35964_8088.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_133259_000003142075_00339_35964_8092.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
 ASA_GM1_1PNPDK20090115_133923_000001322075_00339_35964_8090.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK


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ASA_GM1_1PNPDK20090115_134141_000003682075_00339_35964_8099.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_135049_000000902075_00339_35964_8097.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_135521_000005072075_00339_35964_8107.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_141306_000002652075_00339_35964_8112.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_142851_000008032075_00340_35965_8122.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_145449_000004282075_00340_35965_8222.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_153125_000007792075_00340_35965_8227.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_161615_000002532075_00341_35966_8234.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_163014_000001932075_00341_35966_8340.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_163428_000007912075_00341_35966_8342.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_171201_000004342075_00341_35966_8347.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_175341_000004042075_00342_35967_8354.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_181022_000005132075_00342_35967_8457.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_185237_000004222075_00342_35967_8459.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_192345_000001382075_00342_35967_8464.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_192844_000003862075_00343_35968_8466.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_GM1_1PNPDK20090115_193737_000001632075_00343_35968_8468.N1 ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
```

```
*****
Analysing APM products...
```

```
No APM products available for the selected period...
```

```
*****
Analysing IMM products...
```

```
No IMM products available for the selected period...
```

```
*****
Analysing WSM products...
```

```
No WSM products available for the selected period...
```

```
AUXILIARY FILES ANALYSIS completed
```

```
#####
```

```
MODULE STEPPING ANALYSIS
```

```
#####
```

```
Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59
```

```
Results will be exported to the directory: ./RESULTS/DAILY/090115/MODULE_STEPPING
```

```
Creating directory ./RESULTS/DAILY/090115/MODULE_STEPPING...
```

```
Creating directory ./RESULTS/DAILY/090115/MODULE_STEPPING/FIRST_REFERENCE...
```

```
Creating directory ./RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Creating directory ./RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
```

```
Deleting old files...
```

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

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

```
Exporting results to the directory ../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE...
```

```
Polarization: H
```

```
Reference product: ASA_MS_0PNPDK20050922_062651_000000152041_00034_18625_0041.N1
```

```
Test product: ASA_MS_0PNPDK20090115_070652_000000162075_00335_35960_0723.N1
```

```
H
```

```
H
```

```
../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090115_070652-20050922_062651.png
```

```
../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090115_070652-20050922_062651.png
```

```
../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090115_070652-20050922_062651.png
```

../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090115_070652-20050922_062651.png

Polarization: V

Reference product: ASA_MS__0PNPDK20050923_055514_00000152041_00048_18639_0042.N1

Test product: ASA_MS__0PNPDK20090114_073829_00000162075_00321_35946_0722.N1

V

V

../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090114_073829-20050923_055514.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090114_073829-20050923_055514.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090114_073829-20050923_055514.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090114_073829-20050923_055514.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H

Reference product: ASA_MS__0PNPDK20090113_081007_00000162075_00307_35932_0721.N1

Test product: ASA_MS__0PNPDK20090115_070652_00000162075_00335_35960_0723.N1

H

H

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090115_070652-20090113_081007.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090115_070652-20090113_081007.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090115_070652-20090113_081007.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090115_070652-20090113_081007.png

Polarization: V

Reference product: ASA_MS__0PNPDK20090112_084144_00000162075_00293_35918_0720.N1

Test product: ASA_MS__0PNPDK20090114_073829_00000162075_00321_35946_0722.N1

V

V

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090114_073829-20090112_084144.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090114_073829-20090112_084144.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090114_073829-20090112_084144.png

../../RESULTS/DAILY/090115/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090114_073829-20090112_084144.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090115/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

Writing image ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Calibration_pulses_all_rows_GM1_SS3_HH.png...

TEMPORAL EVOLUTION Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-01-15_1.dat...

Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-01-15_2.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-01-15_3.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-01-15_4.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H
Getting calibration pulses data for GM1 SS3 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 1/5/9/13/17/21/25/29
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-01-15_1.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_1.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_1.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 2/6/10/14/18/22/26/30
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-01-15_2.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_2.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_2.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 3/7/11/15/19/23/27/31
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-01-15_3.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_3.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_3.png...

Getting calibration pulses data for GM1 SS3 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59. Rows: 4/8/12/16/20/24/28/32
Writing file ./RESULTS/DAILY/090115/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-01-15_4.dat...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_GM1_SS3_HH_4.png...
Writing ../../RESULTS/DAILY/090115//CALIBRATION_PULSES/Transmit_Power_GM1_SS3_HH_4.png...

CALIBRATION PULSES ANALYSIS completed
#####

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/090115/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing products WVS IS2 V/V
Getting doppler data for WVS IS2 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DOPPLER/Doppler_data_WVS_IS2_VV_2009-01-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090115/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H



Getting doppler data for GM1 SS1 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DOPPLER/Doppler_data_GM1_SS1_HH_2009-01-15.dat...
Running IDL program...
Writing file ../../RESULTS/DAILY/090115/DOPPLER/DOPPLER_ANX_GM1_SS1_HH.png...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing by default products WSM
Getting doppler jumps data for WSM from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/DOPPLER/Doppler_Jumps_data_WSM_2009-01-15.dat...
No data to be processed for WSM...

DOPPLER MAP Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing products WVS IS2 V/V
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -29.773746 Hz
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -30.138437 Hz
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H
Loading predicted doppler values....
Phase: descending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -22.047316 Hz
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_desc.jpg...
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_desc.jpg...

Loading predicted doppler values....
Phase: ascending
Found data...
Computing mean error doppler estimated-predicted...
Mean error = -21.363437 Hz
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_GM1_SS1_HH_asc.jpg...
Writing file ../../RESULTS/DAILY/090115//DOPPLER/DOPPLER_Absolute_GM1_SS1_HH_asc.jpg...

DOPPLER ANALYSIS completed
#####

CHIRP ANALYSIS

#####

Creating directory ./RESULTS/DAILY/090115/CHIRP...

CHIRP Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...

Writing file ./RESULTS/DAILY/090115/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-01-15.dat...

ScaleFactor: no data to be processed for WSM SS1 H/H...

Analysing products WSM SS1 V/V

Getting ScaleFactor data for WSM SS1 V/V from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...

Writing file ./RESULTS/DAILY/090115/CHIRP/ScaleFactor_data_WSM_SS1_VV_2009-01-15.dat...

ScaleFactor: no data to be processed for WSM SS1 V/V...

CHIRP ANALYSIS completed

#####

RAW DATA ANALYSIS

#####

Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/090115/RAW_DATA

Creating directory ./RESULTS/DAILY/090115/RAW_DATA...

Getting raw data for WVS from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/RAW_DATA/Raw_data_WVS_2009-01-15.dat...
Running IDL program to create graphs...

Creating image ../../RESULTS/DAILY/090115/RAW_DATA/Raw_data_WVS_input_mean.png...

Creating image ../../RESULTS/DAILY/090115/RAW_DATA/Raw_data_WVS_input_stdev.png...

Creating image ../../RESULTS/DAILY/090115/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2009-01-15 00:00:00 to 2009-01-15 23:59:59...
Writing file ./RESULTS/DAILY/090115/RAW_DATA/Raw_data_IMM_2009-01-15.dat...
No data to be processed for IMM...

RAW DATA ANALYSIS completed

#####

TELEMETRY ANALYSIS

#####

Analysis will be performed from 2009-01-15 00:00:00 to 2009-01-15 23:59:59

Results will be exported to the directory: ./RESULTS/DAILY/090115/TELEMETRY

Creating directory ./RESULTS/DAILY/090115/TELEMETRY...

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

Checking 29 products from PDE...
Checking 23 products from PDK...

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

Checking 38 products from PDE...
Checking 36 products from PDK...

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

No products from PDE...
No products from PDK...

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

No products from PDE...
No products from PDK...

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

No products from PDE...
No products from PDK...

Creating graph of missing lines and gaps...

Creating image: ./RESULTS/DAILY/090115/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/090115/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed

#####

BROWSE PRODUCTS ANALYSIS

#####

Analysis will be performed on 2009-01-15

Scanning directory /nas3/ENVISAT/ASAR//ASA_GM__BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM__BP/JPG/20090115/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_194950_000001442075_00343_35968_8583.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_195554_000001262075_00343_35968_8585.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_203313_000004832075_00343_35968_8598.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_205710_000010262075_00343_35968_8730.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_211737_000000722075_00344_35969_8714.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_212317_000000782075_00344_35969_8720.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_212921_000003262075_00344_35969_8722.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_213616_000001262075_00344_35969_8737.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_224623_000004042075_00345_35970_8863.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_230928_000004342075_00345_35970_8872.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_234111_000002412075_00345_35970_8870.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_GM__BP/ASA_GM__BPZPDE20090115_234517_000000962075_00345_35970_8885.N1 ...

ANALYSIS COMPLETED: 12 GM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_AP__BP...

Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP__BP/JPG/20090115/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20090115_120646_000000582075_00338_35963_8444.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_AP__BP/ASA_AP__BPZPDE20090115_195433_000000602075_00343_35968_8671.N1 ...

ANALYSIS COMPLETED: 2 AP browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_IM_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM_BP/JPG/20090115/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_121106_000001512075_00338_35963_8464.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_133210_00000372075_00339_35964_8475.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_142131_00000672075_00339_35964_8495.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_163324_00000542075_00341_35966_8523.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_164736_00000762075_00341_35966_8529.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_175011_000001982075_00342_35967_8553.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_181855_000003152075_00342_35967_8581.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_195214_000001132075_00343_35968_8681.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_213443_00000822075_00344_35969_8821.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_IM_BP/ASA_IM_BPZPDE20090115_213936_00000702075_00344_35969_8819.N1 ...

ANALYSIS COMPLETED: 10 IM browse products to see...

Scanning directory /nas3/ENVISAT/ASAR//ASA_WS_BP...
Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20090115/

Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_095741_000001522075_00337_35962_8390.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_100337_000001522075_00337_35962_8394.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_103214_000001352075_00337_35962_8409.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_103214_000002992075_00337_35962_8469.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_103524_000001082075_00337_35962_8410.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_103635_000001592075_00337_35962_8442.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_103942_000001712075_00337_35962_8454.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_111804_000000972075_00338_35963_8452.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_114819_000001532075_00338_35963_8466.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_131511_000000972075_00339_35964_8501.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_135226_000001702075_00339_35964_8503.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_142716_000000912075_00340_35965_8505.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_145255_000001092075_00340_35965_8507.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_160944_000000732075_00341_35966_8509.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_160944_000003732075_00341_35966_8531.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_161159_000002382075_00341_35966_8521.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_171923_000003732075_00341_35966_8555.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_190055_000002812075_00342_35967_9127.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_192610_000001522075_00343_35968_8710.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_204118_000002502075_00343_35968_8708.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_205233_000000732075_00343_35968_8689.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_205233_000002752075_00343_35968_8809.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_205447_000001412075_00343_35968_8712.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_221326_000000732075_00344_35969_8823.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_221326_000002502075_00344_35969_8868.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_221540_000001162075_00344_35969_8856.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_221826_000002502075_00344_35969_8858.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_221826_000004892075_00344_35969_8957.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_222338_000000612075_00344_35969_8850.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_222540_000000552075_00344_35969_8854.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_230655_000001522075_00345_35970_9004.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_231647_000001292075_00345_35970_9002.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_235401_000000732075_00345_35970_8959.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDE20090115_235601_000003122075_00345_35970_9000.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090115_194511_000002752075_00343_35968_8583.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090115_211855_000002512075_00344_35969_8603.N1 ...
Stripping browse product /nas3/ENVISAT/ASAR//ASA_WS_BP/ASA_WS_BPZPDK20090115_212440_000002742075_00344_35969_8605.N1 ...

ANALYSIS COMPLETED: 37 WS browse products to see...

BROWSE PRODUCTS ANALYSIS completed

#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/090115/asarReport.html...
Building DATA SUMMARY section...
Building AUXILIARY FILES ANALYSIS section...
Building MODULE STEPPING ANALYSIS section...
Building CALIBRATION PULSES ANALYSIS section...
Building DOPPLER ANALYSIS section...
Building CHIRP ANALYSIS section...
Building RAW DATA ANALYSIS section...
Building TELEMETRY ANALYSIS section...

HTML REPORT generation completed
#####



ASAR Daily Report



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

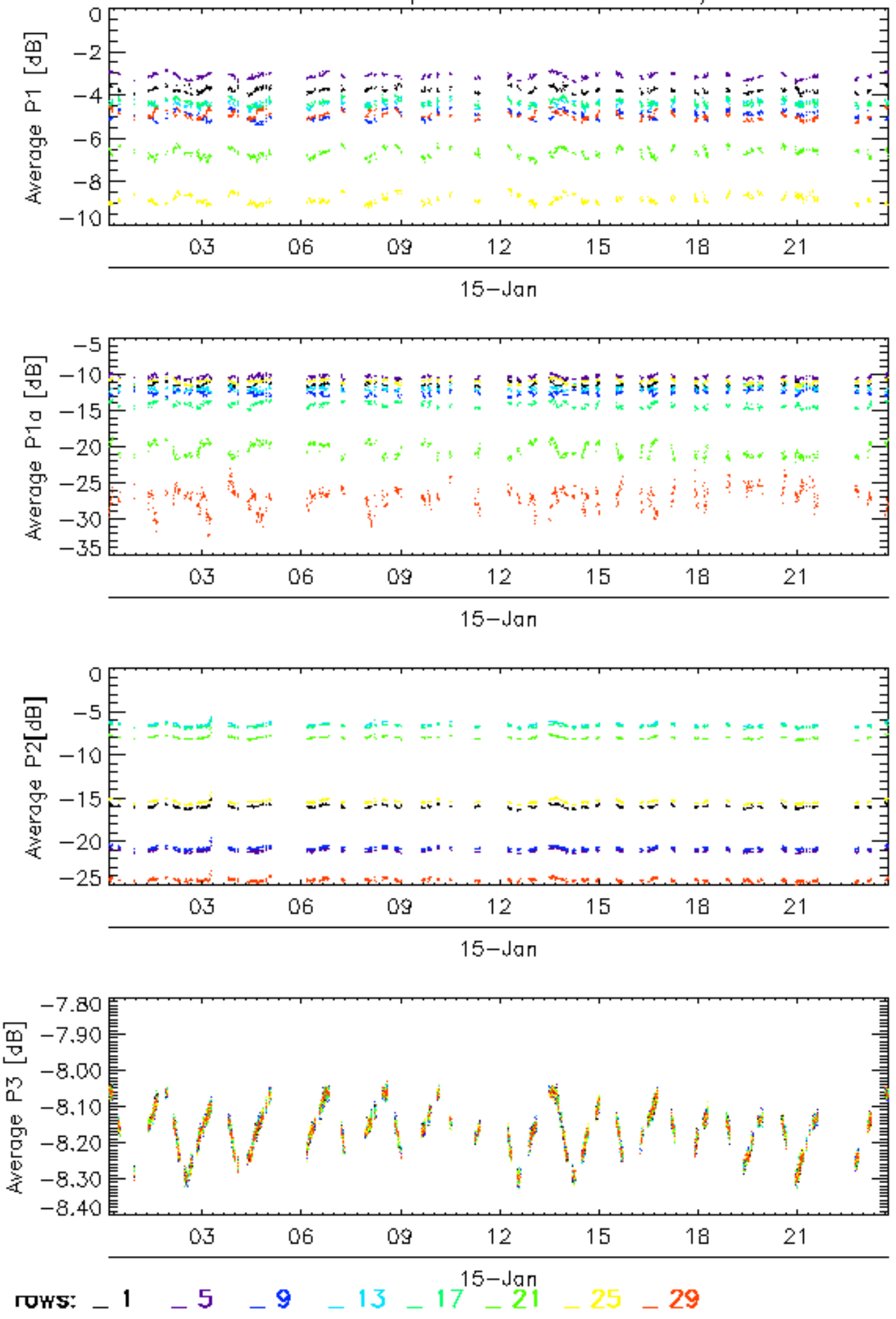
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_GM1_1PNPDE20090115_001025_000004162075_00331_35956_7543.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_002712_000001992075_00331_35956_7553.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_005534_000000782075_00331_35956_7678.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_012051_000002112075_00332_35957_7680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_012802_000006162075_00332_35957_7694.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_015357_000001202075_00332_35957_7696.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_020638_000003622075_00332_35957_7698.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_021416_000003202075_00332_35957_7706.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_022718_000003382075_00332_35957_7843.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_023654_000002712075_00332_35957_7849.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_024849_000000782075_00333_35958_7847.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_025129_000004532075_00333_35958_7851.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_025951_000002292075_00333_35958_7845.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_030519_000006342075_00333_35958_7864.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_034714_000007792075_00333_35958_8023.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_040308_000001442075_00333_35958_8002.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_042253_000012202075_00334_35959_8110.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_044452_000002112075_00334_35959_8009.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_044959_000001142075_00334_35959_8013.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_045456_000001022075_00334_35959_8011.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_050114_000002232075_00334_35959_8015.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_060942_000001382075_00335_35960_8165.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_061259_000005792075_00335_35960_8169.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_062414_000001262075_00335_35960_8167.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_063301_000001932075_00335_35960_8174.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_063747_000007552075_00335_35960_8211.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_194950_000001442075_00343_35968_8582.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_195554_000001262075_00343_35968_8584.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_203313_000004832075_00343_35968_8597.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_205710_000010262075_00343_35968_8729.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_211737_000000722075_00344_35969_8713.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_212317_000000782075_00344_35969_8719.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_212921_000003262075_00344_35969_8721.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_213616_000001262075_00344_35969_8736.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_224623_000004042075_00345_35970_8862.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_230928_000004342075_00345_35970_8871.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_234111_000002412075_00345_35970_8869.N1					OK	OK	OK	OK
ASA_GM1_1PNPDE20090115_234517_000000962075_00345_35970_8884.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_071136_000003922075_00335_35960_7583.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_075621_000007002075_00336_35961_7594.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_080656_000000902075_00336_35961_7676.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_081337_000001082075_00336_35961_7678.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_082718_000006042075_00336_35961_7680.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_085012_000004532075_00336_35961_7682.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_090040_000000782075_00336_35961_7687.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_093806_000004342075_00337_35962_7700.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_095041_000002712075_00337_35962_7813.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_100613_000002292075_00337_35962_7815.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_102937_000001502075_00337_35962_7820.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_111533_000001442075_00338_35963_7822.N1					OK	OK	OK	OK
ASA_GM1_1PNPDK20090115_111945_000002652075_00338_35963_7832.N1					OK	OK	OK	OK
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ASA_GM1_1PNPDK20090115_192844_000003862075_00343_35968_8466.N1	OK	OK	OK	OK
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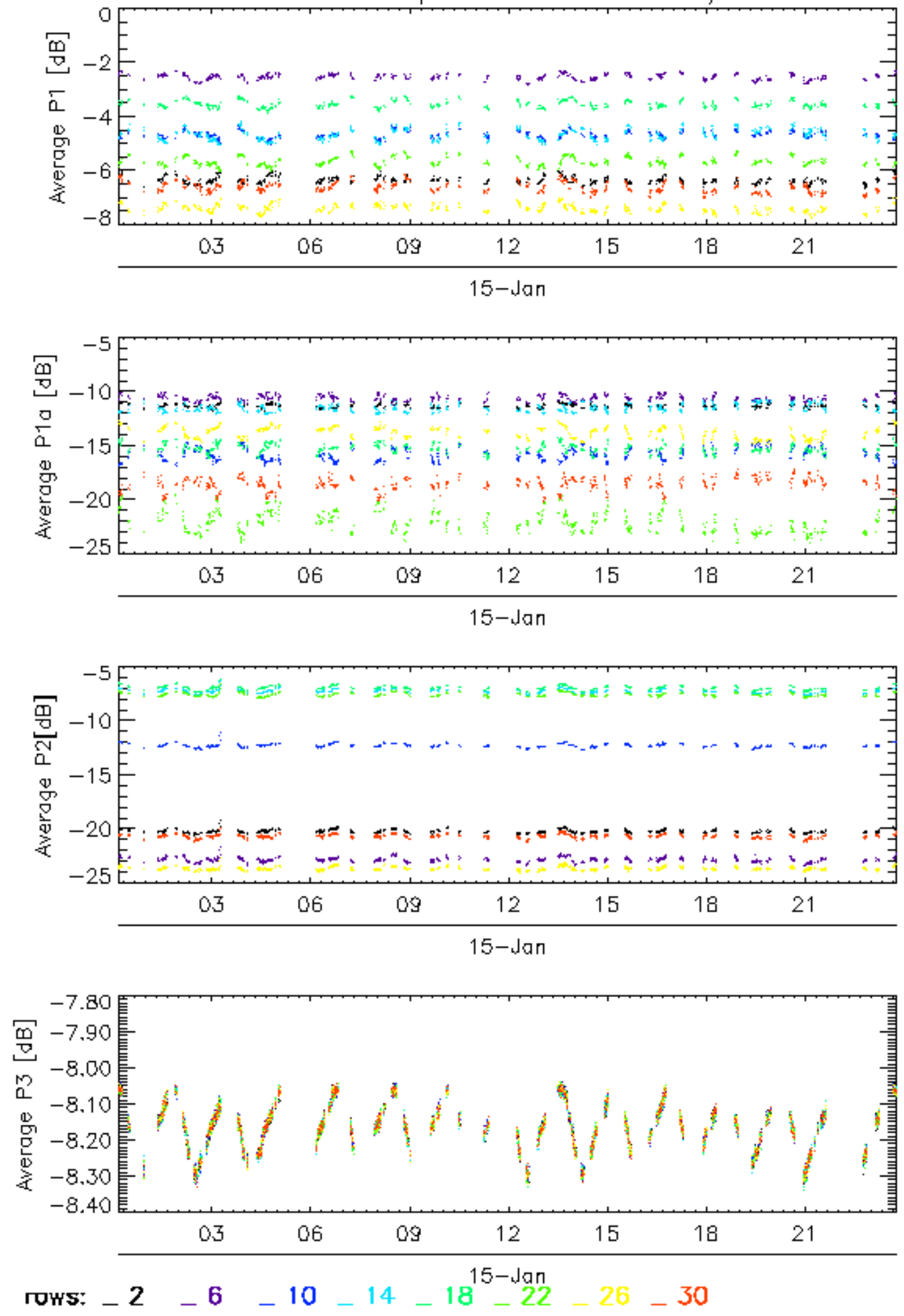
Differences with IECF operational ADFs list. If a wrong ADF is used, the filename is reported.

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ASA_WVS_1PNPDE20090115_014212_000003142075_00332_35957_8149.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090115_014900_000002542075_00332_35957_7692.N1					OK	OK	OK	OK
ASA_WVS_1PNPDE20090115_015601_000006002075_00332_35957_7714.N1					OK	OK	OK	OK
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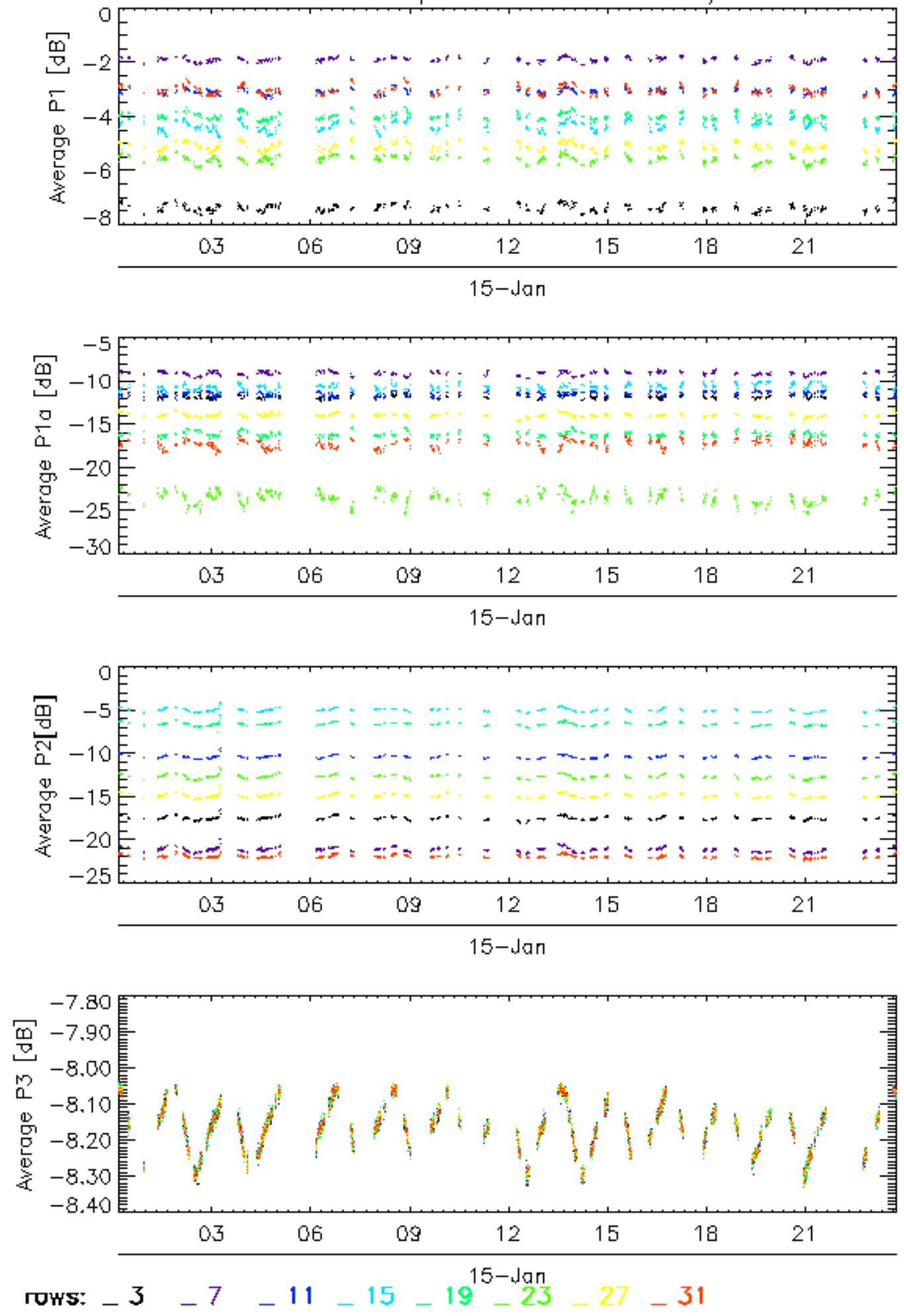
Calibration pulses for GM1 SS3 H/H



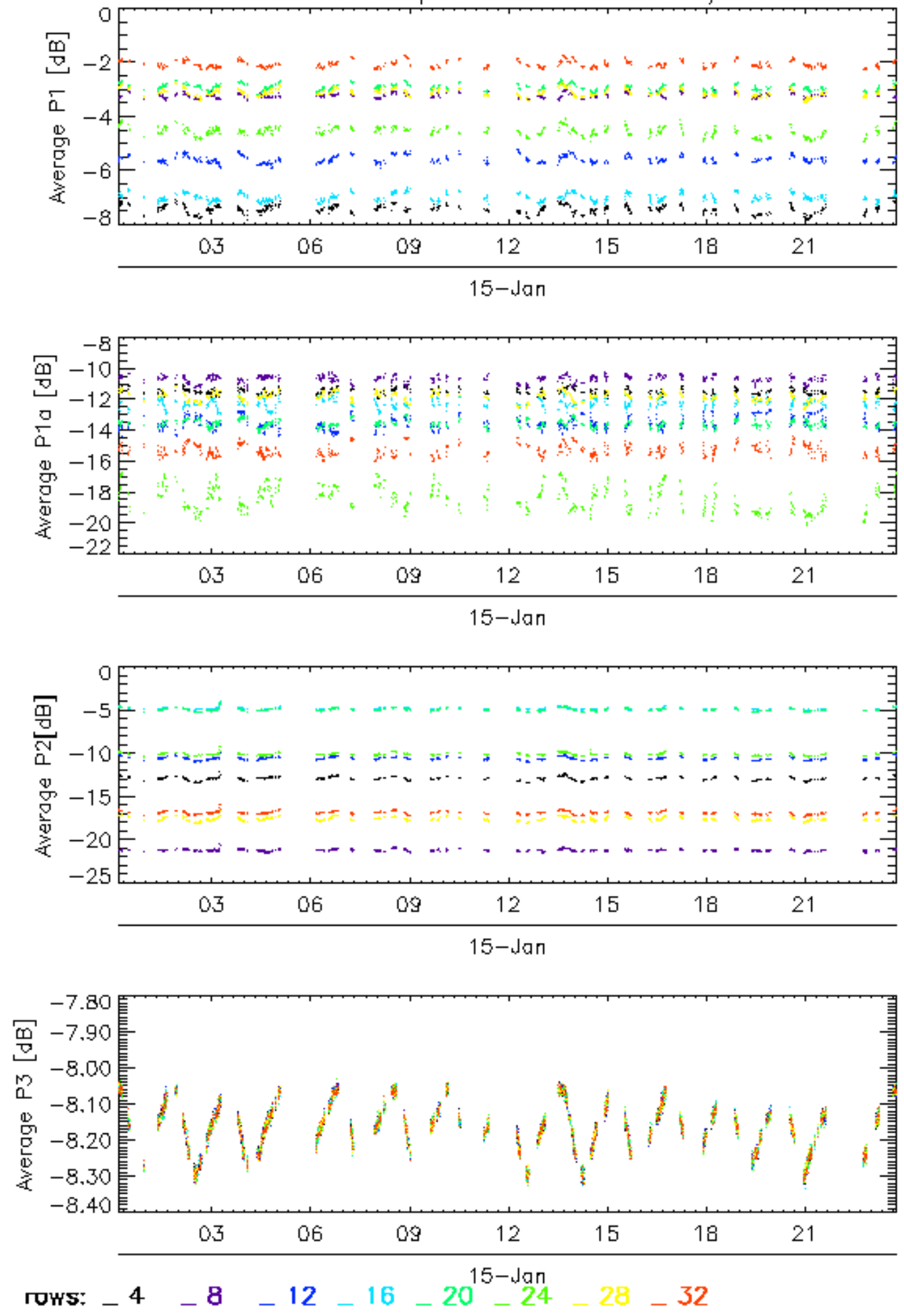
Calibration pulses for GM1 SS3 H/H



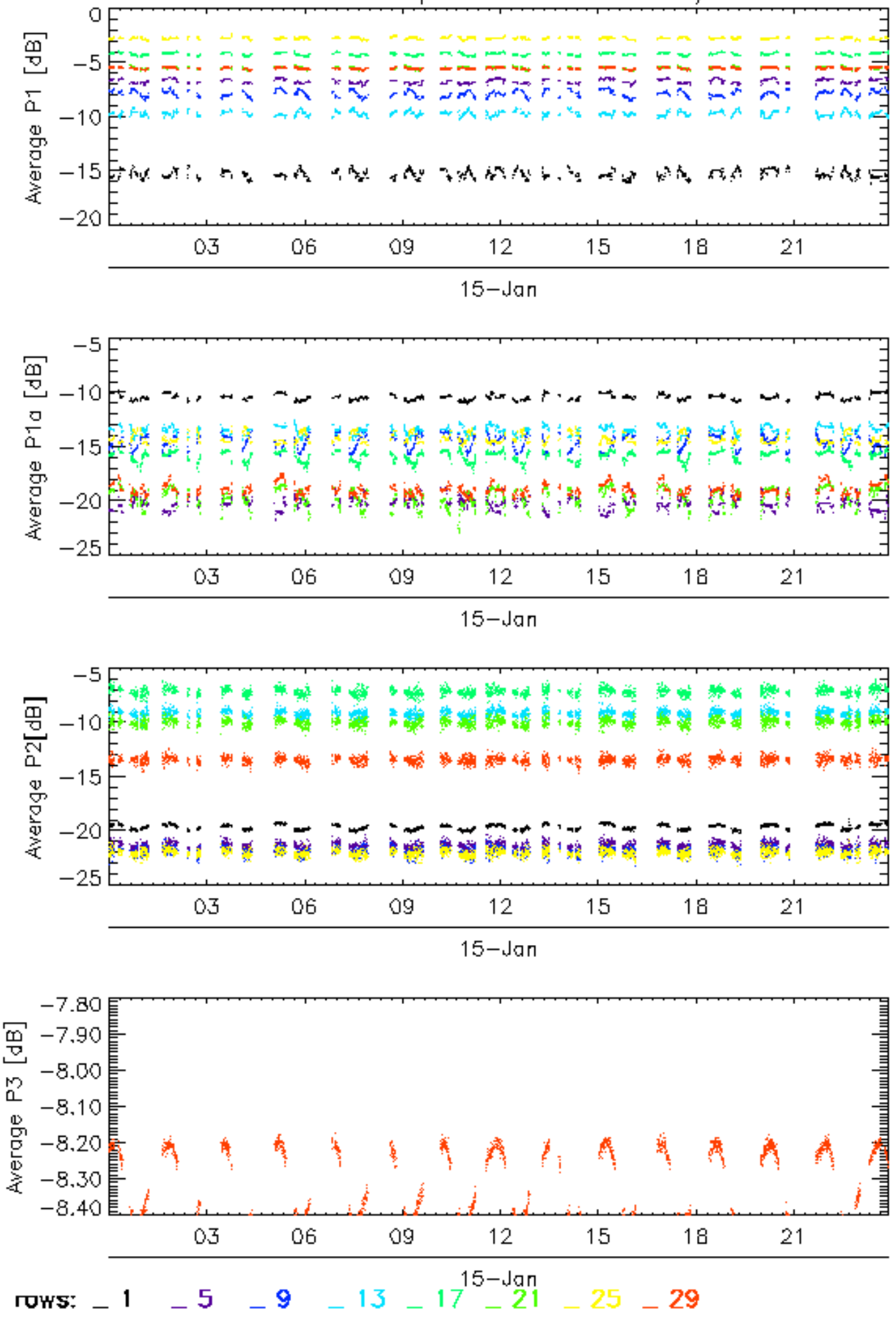
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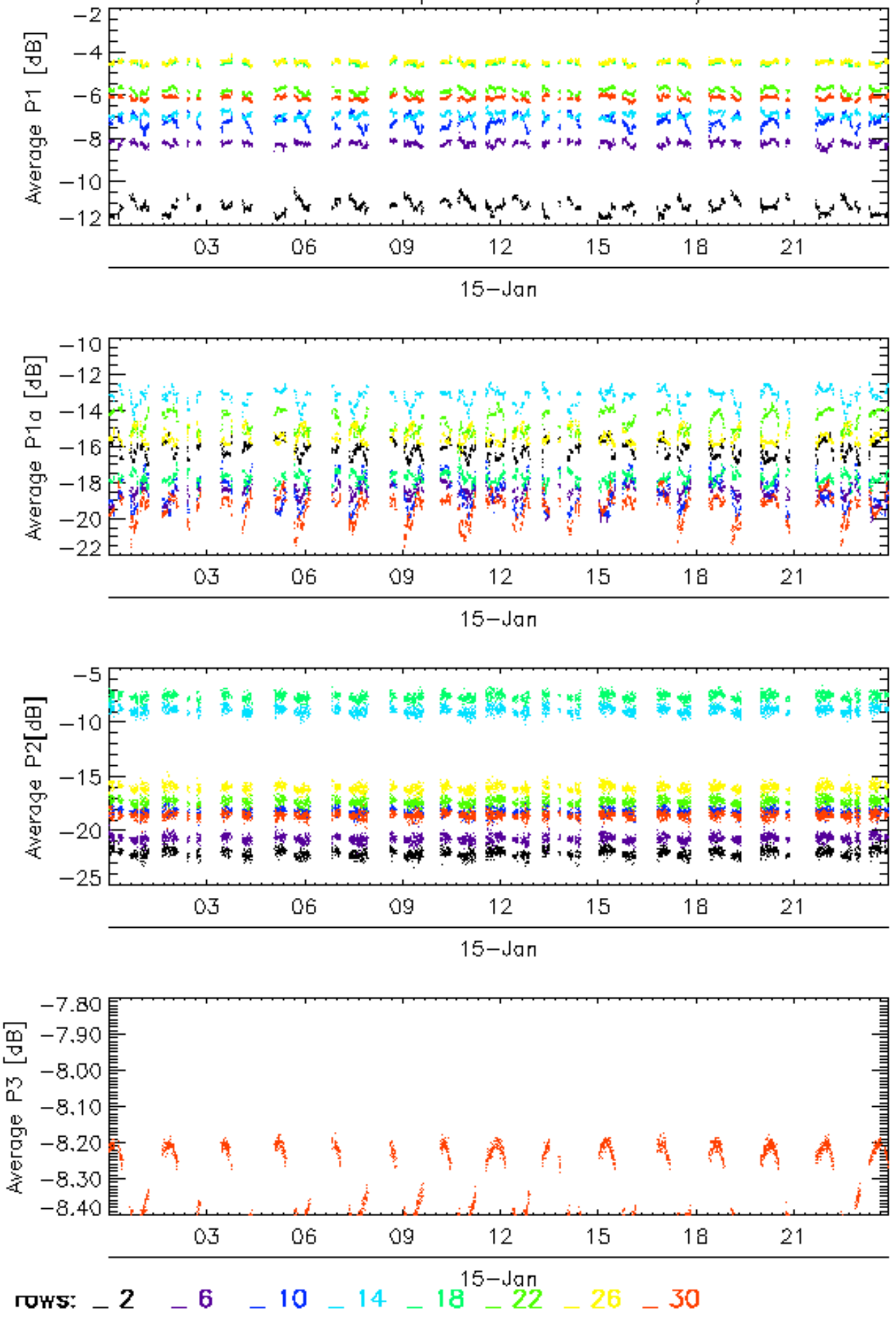
Calibration pulses for GM1 SS3 H/H



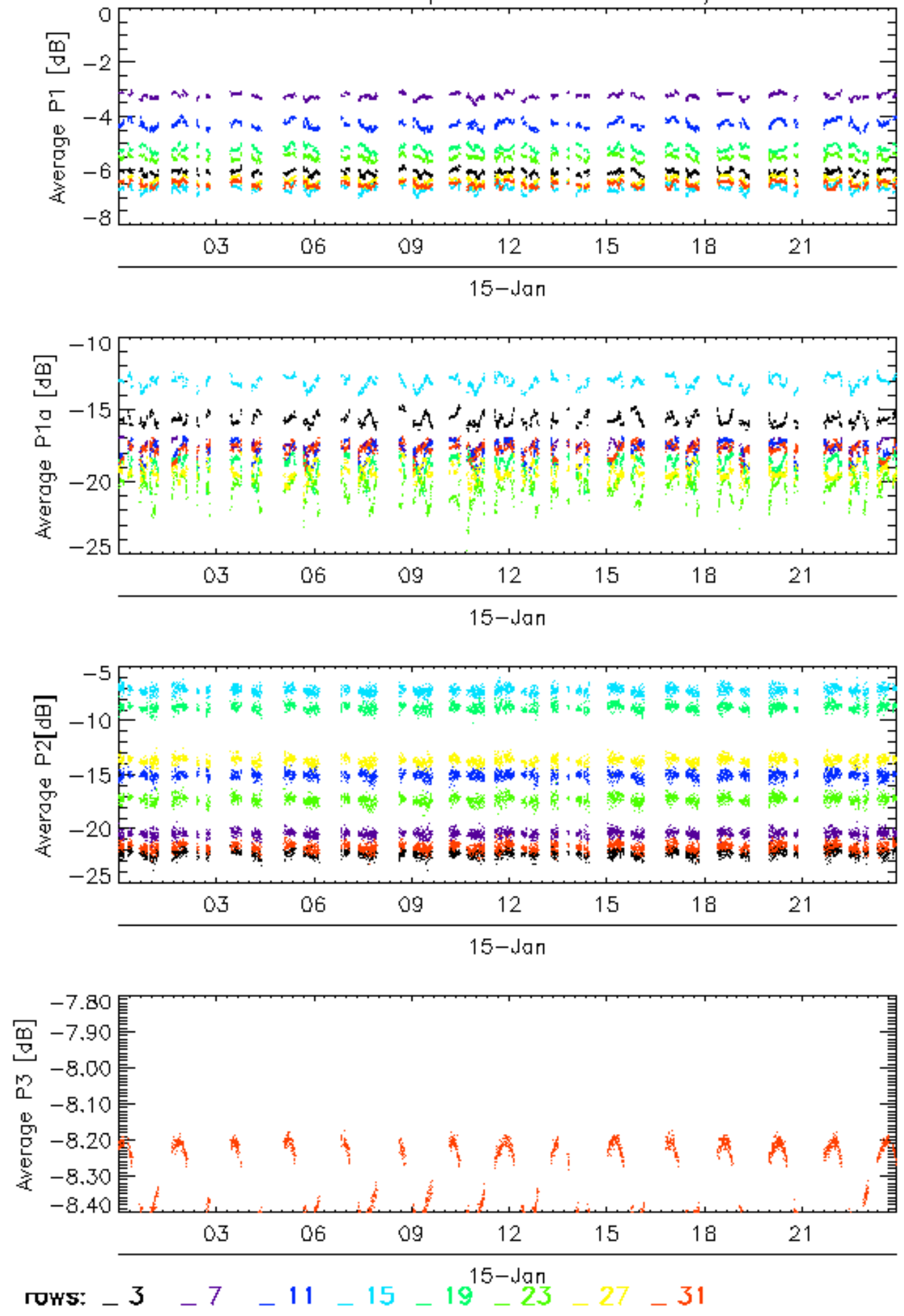
Calibration pulses for WVS IS2 V/V



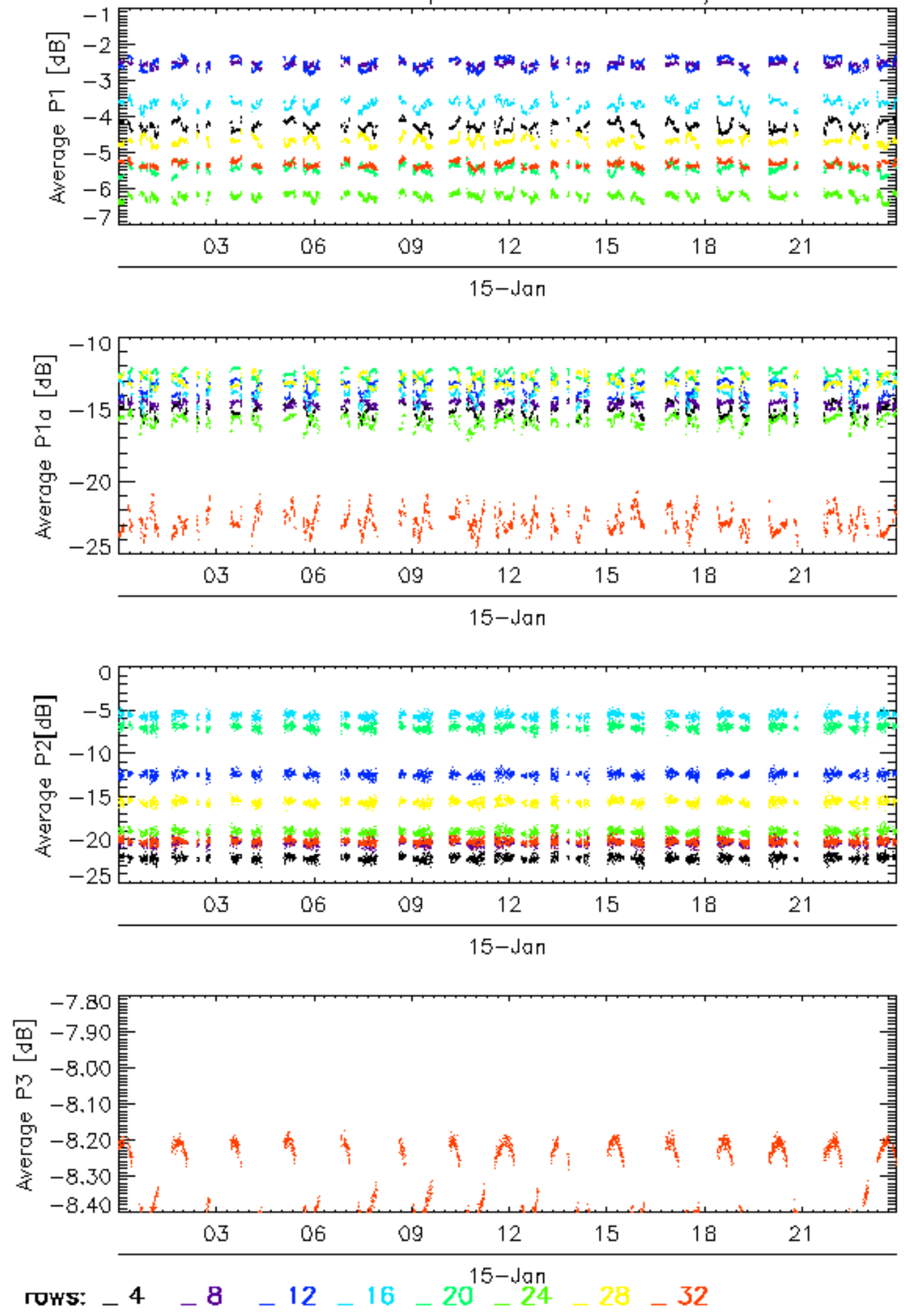
Calibration pulses for WVS IS2 V/V

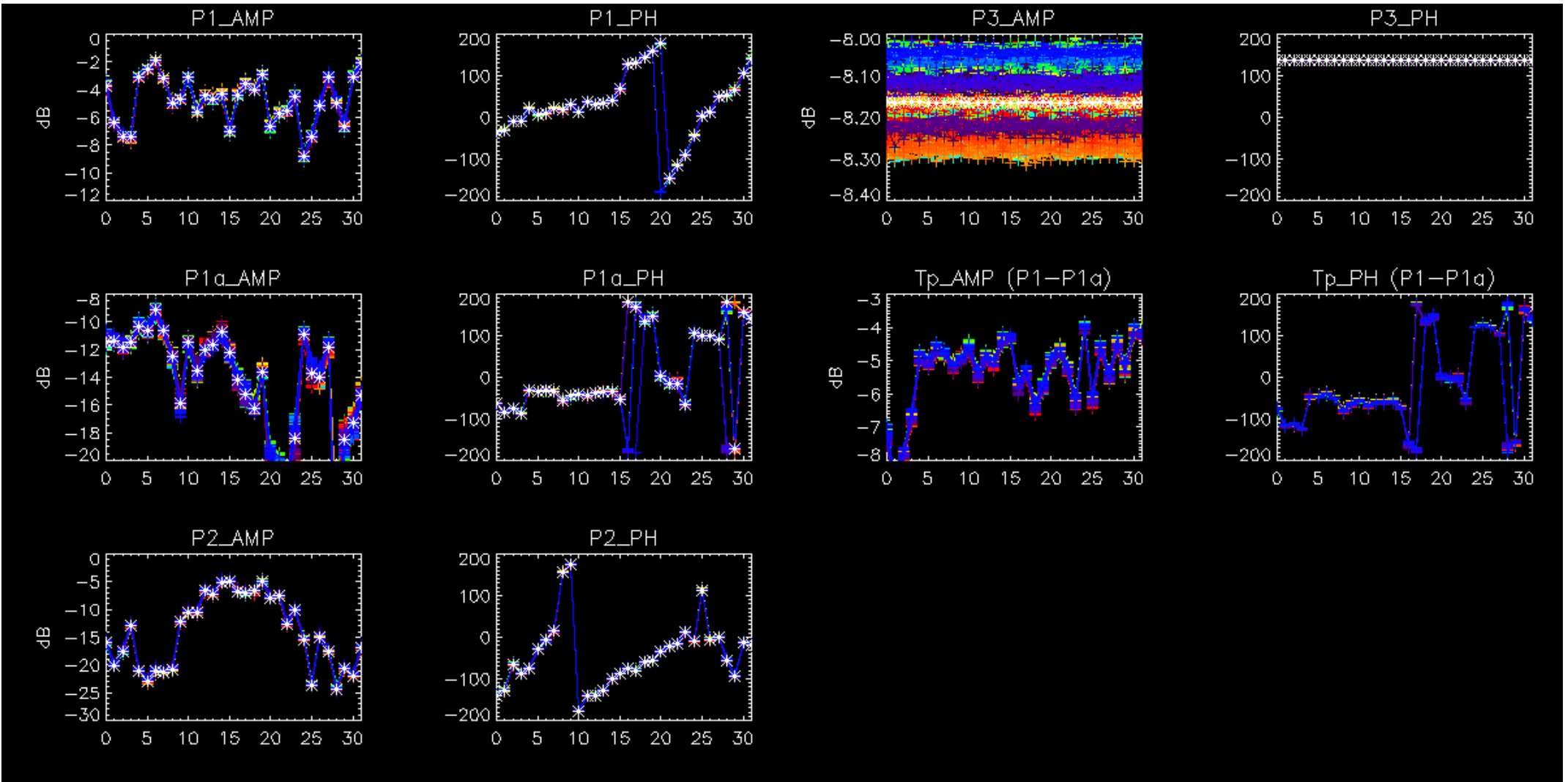


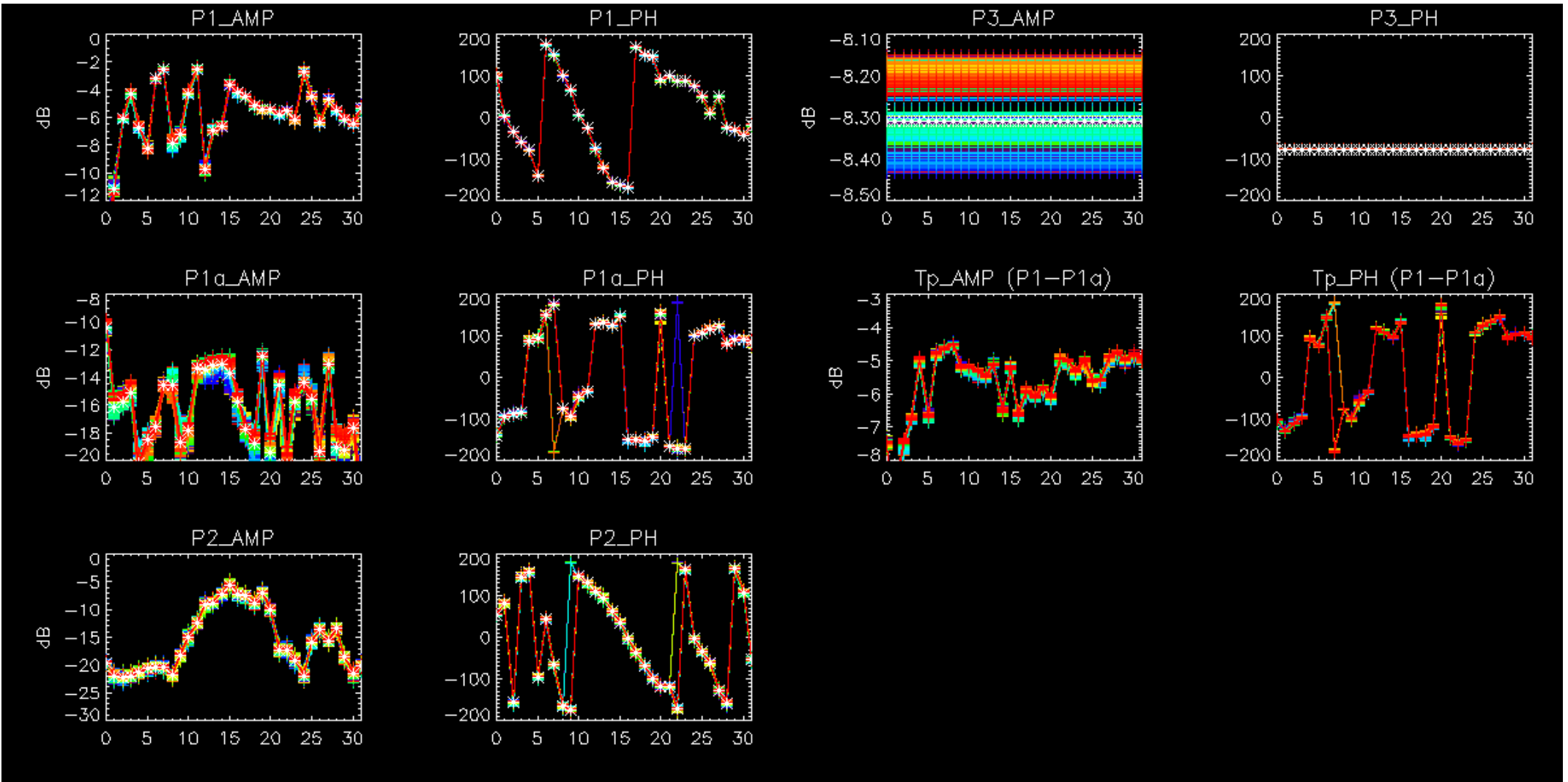
Calibration pulses for WVS IS2 V/V

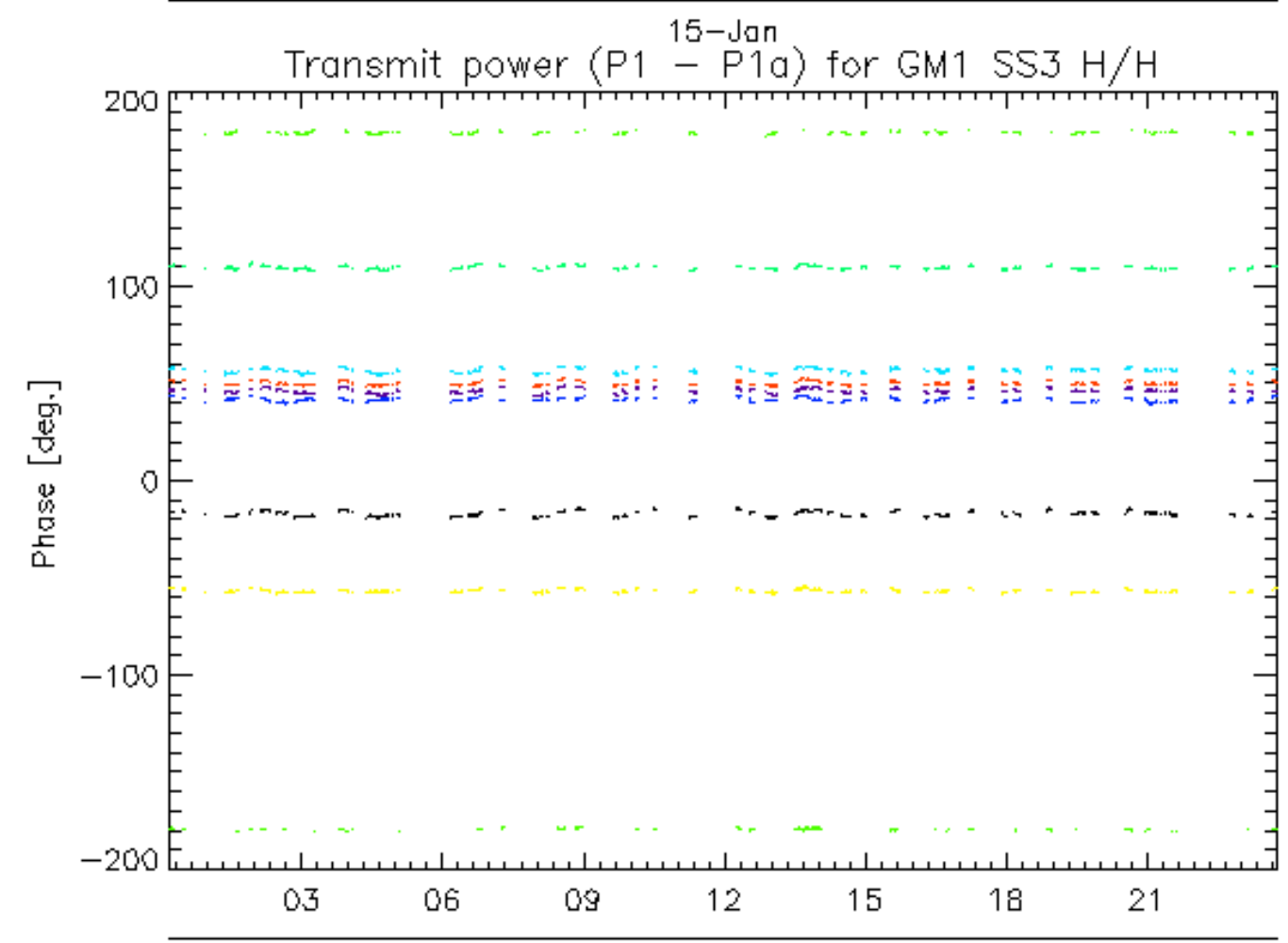
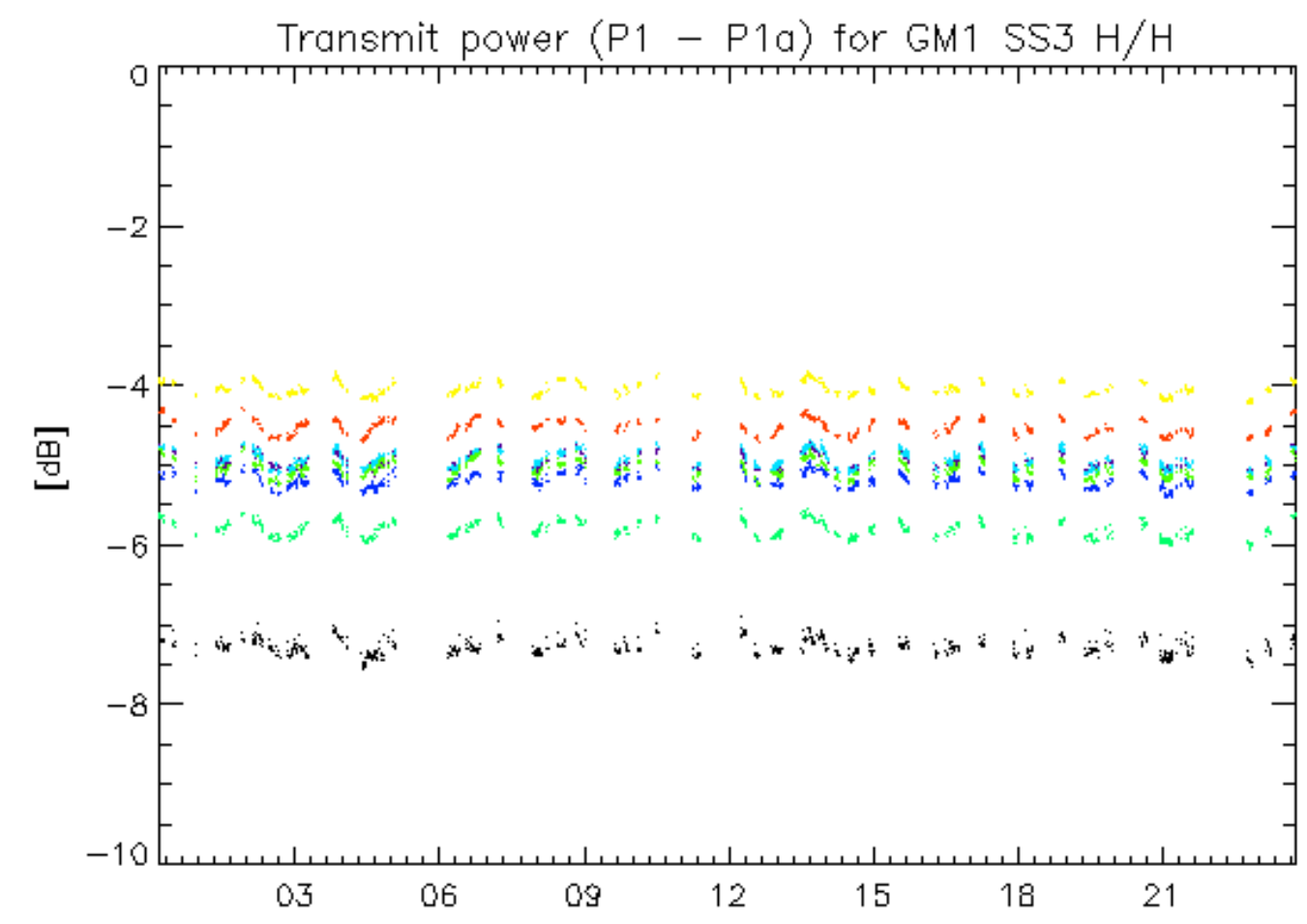


Calibration pulses for WVS IS2 V/V

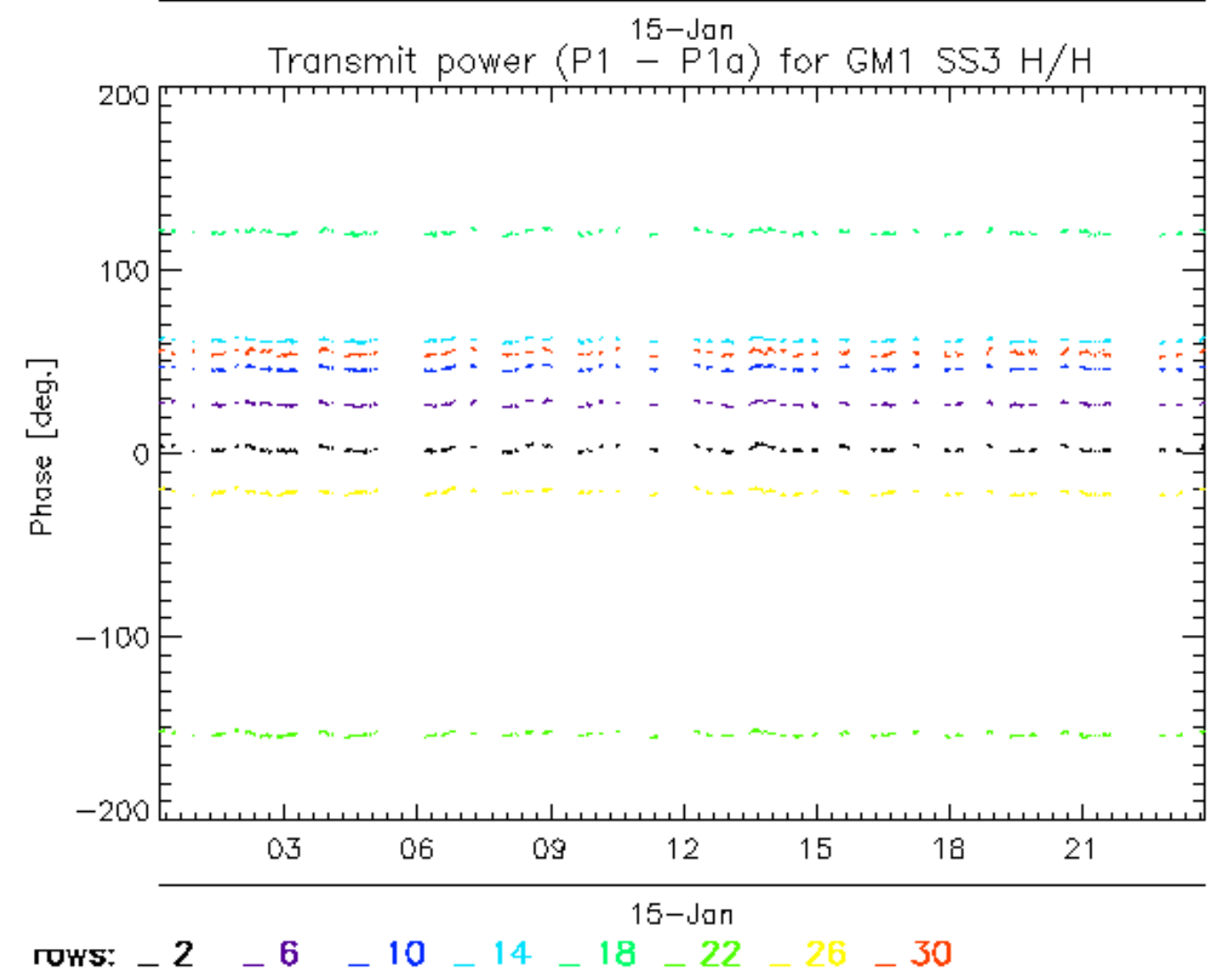
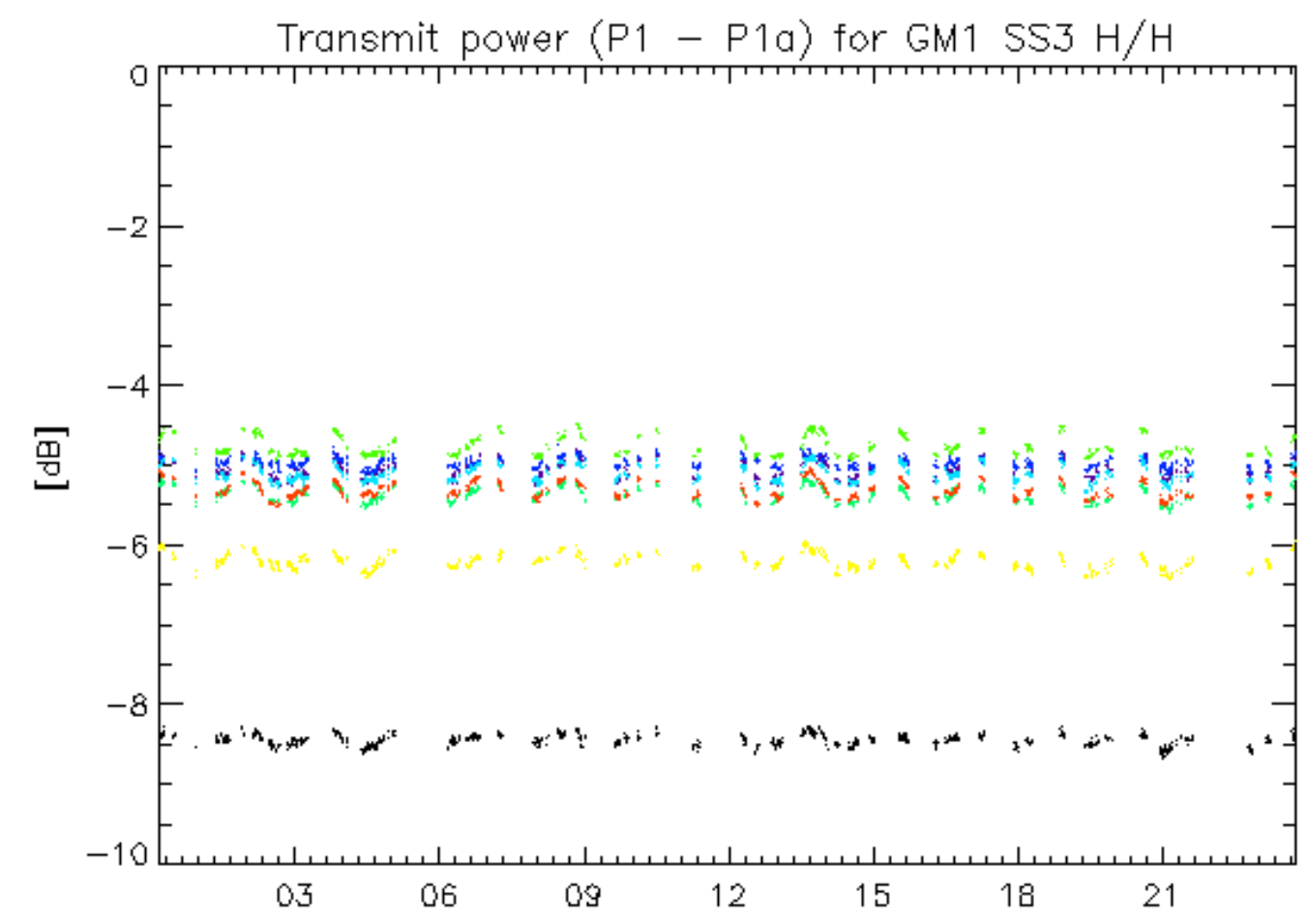


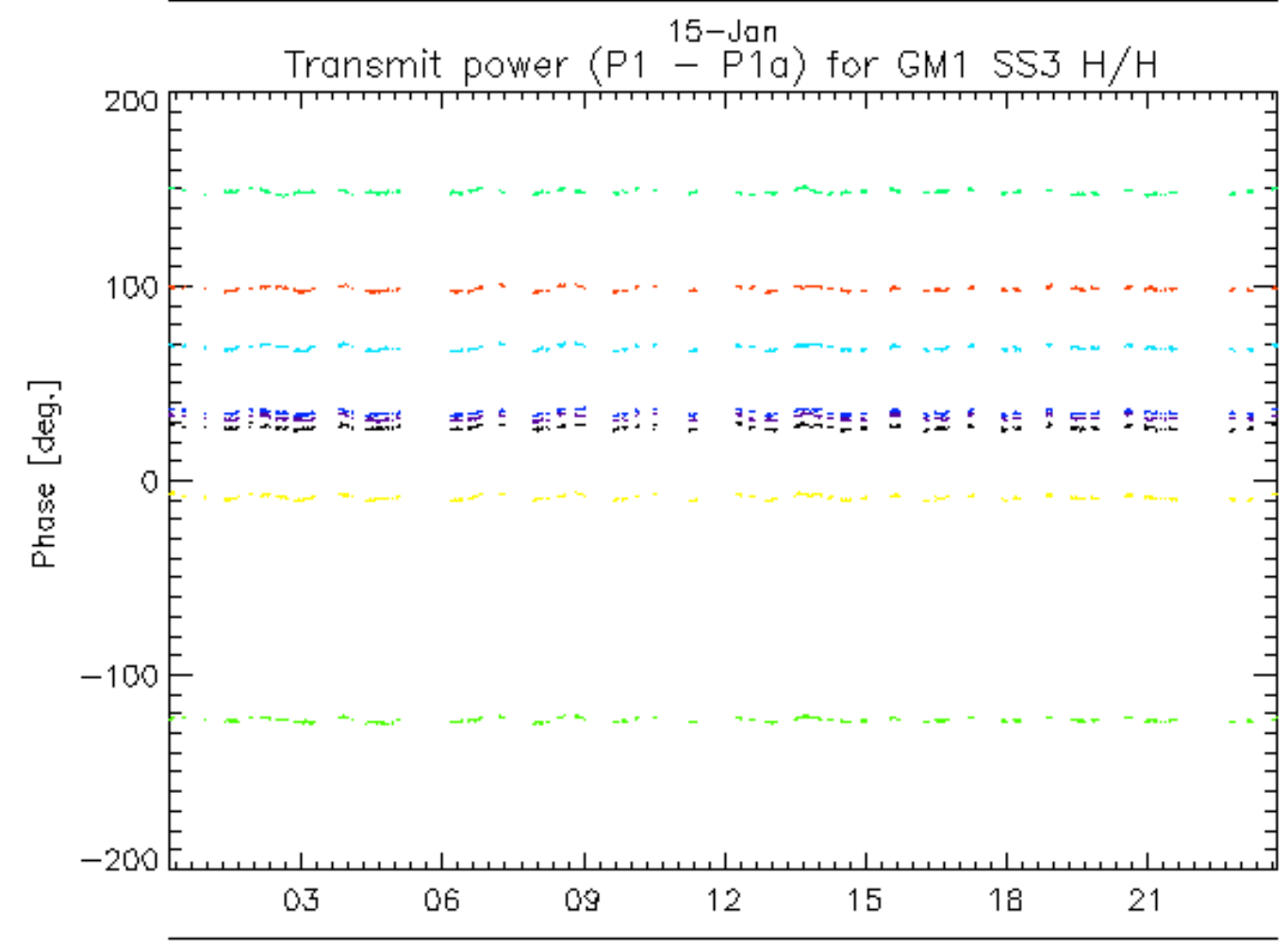
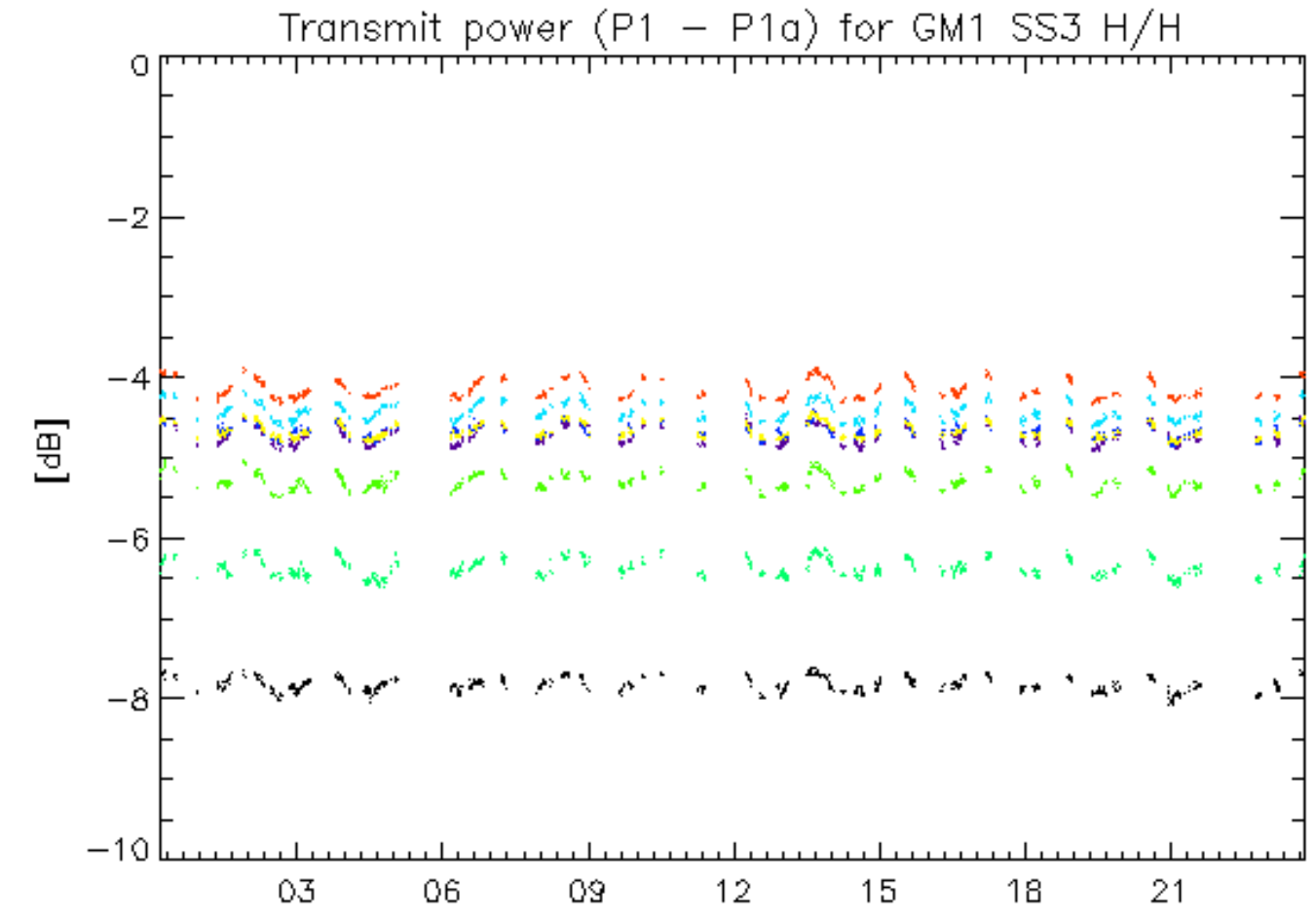




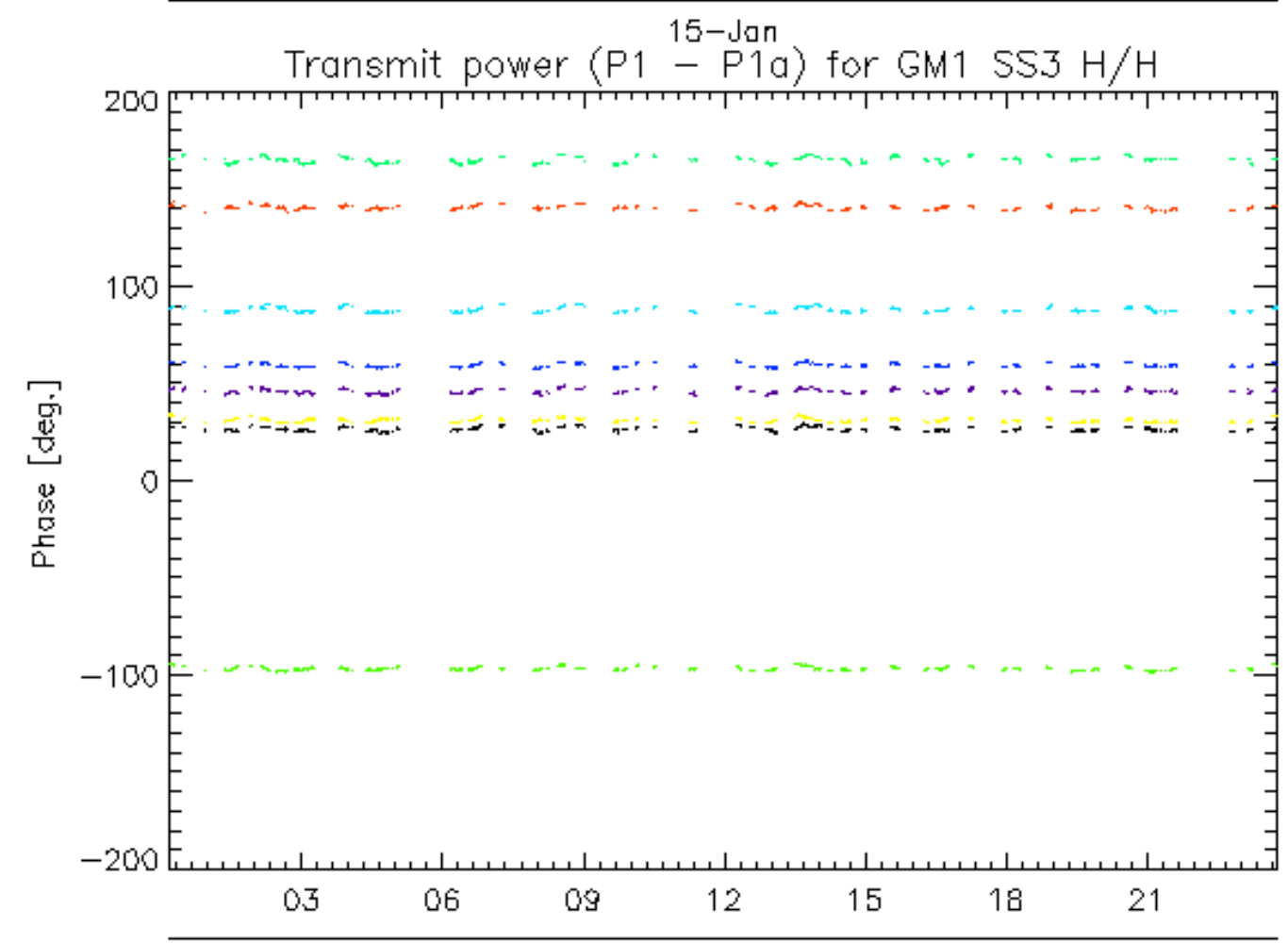
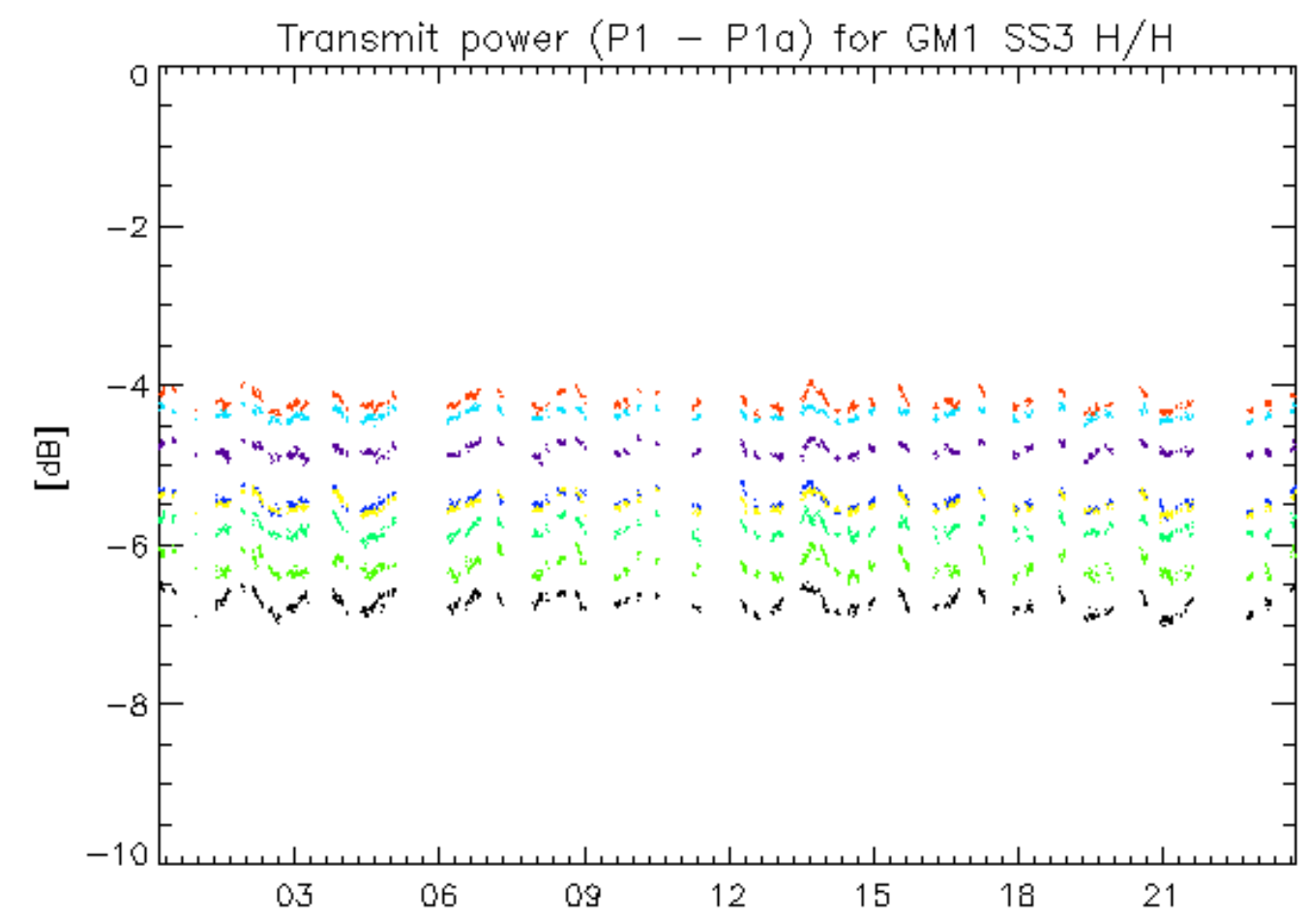


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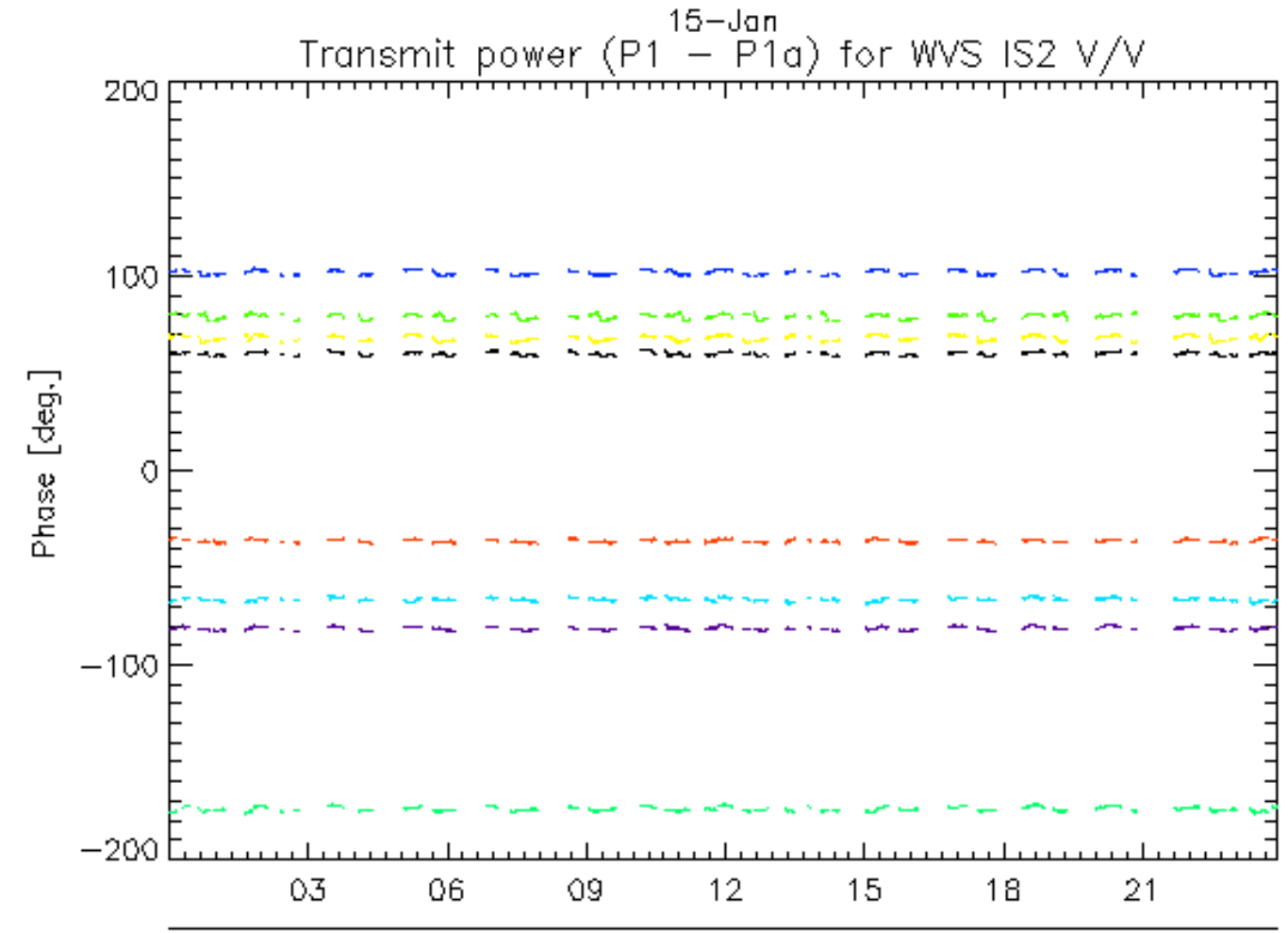
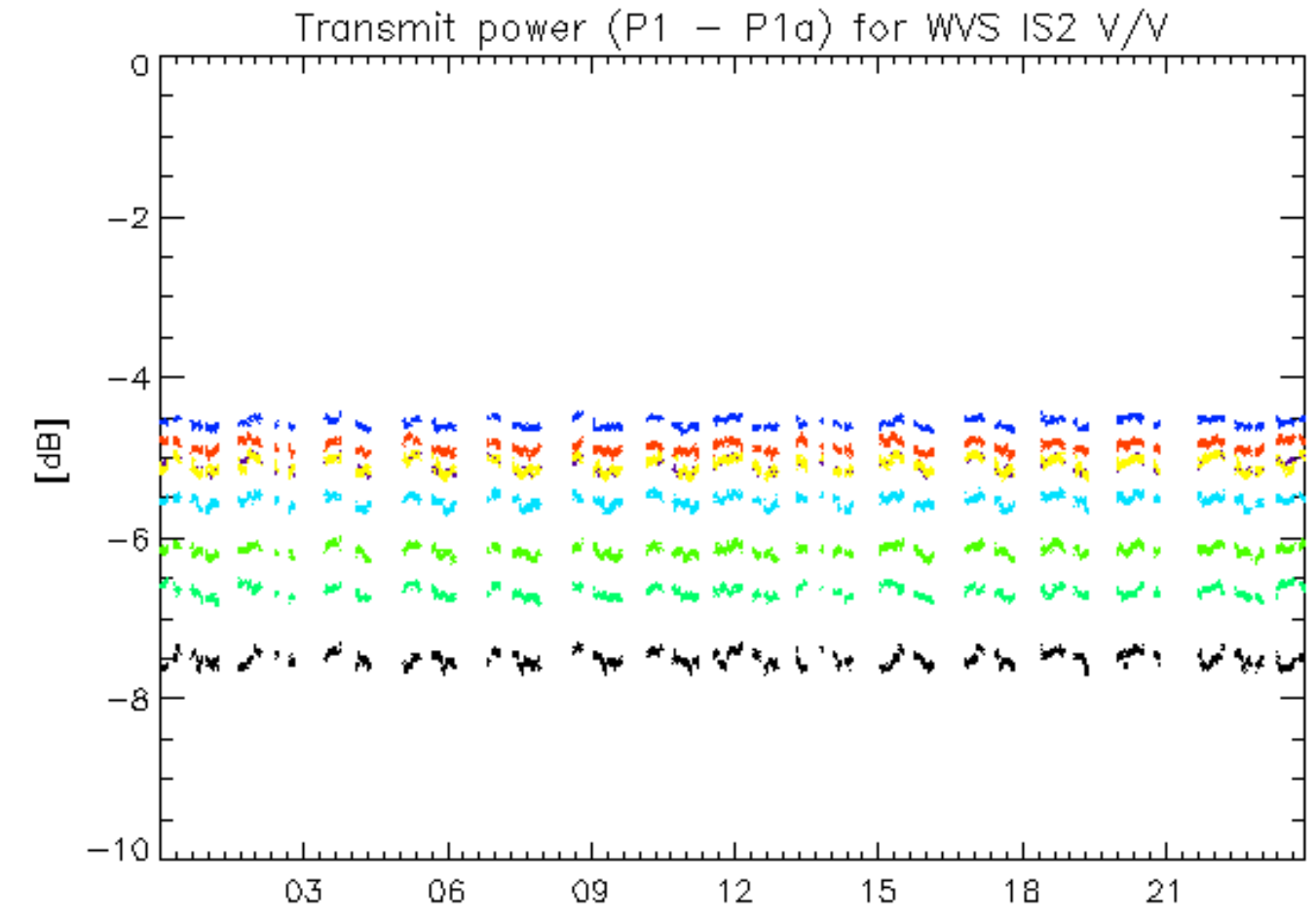




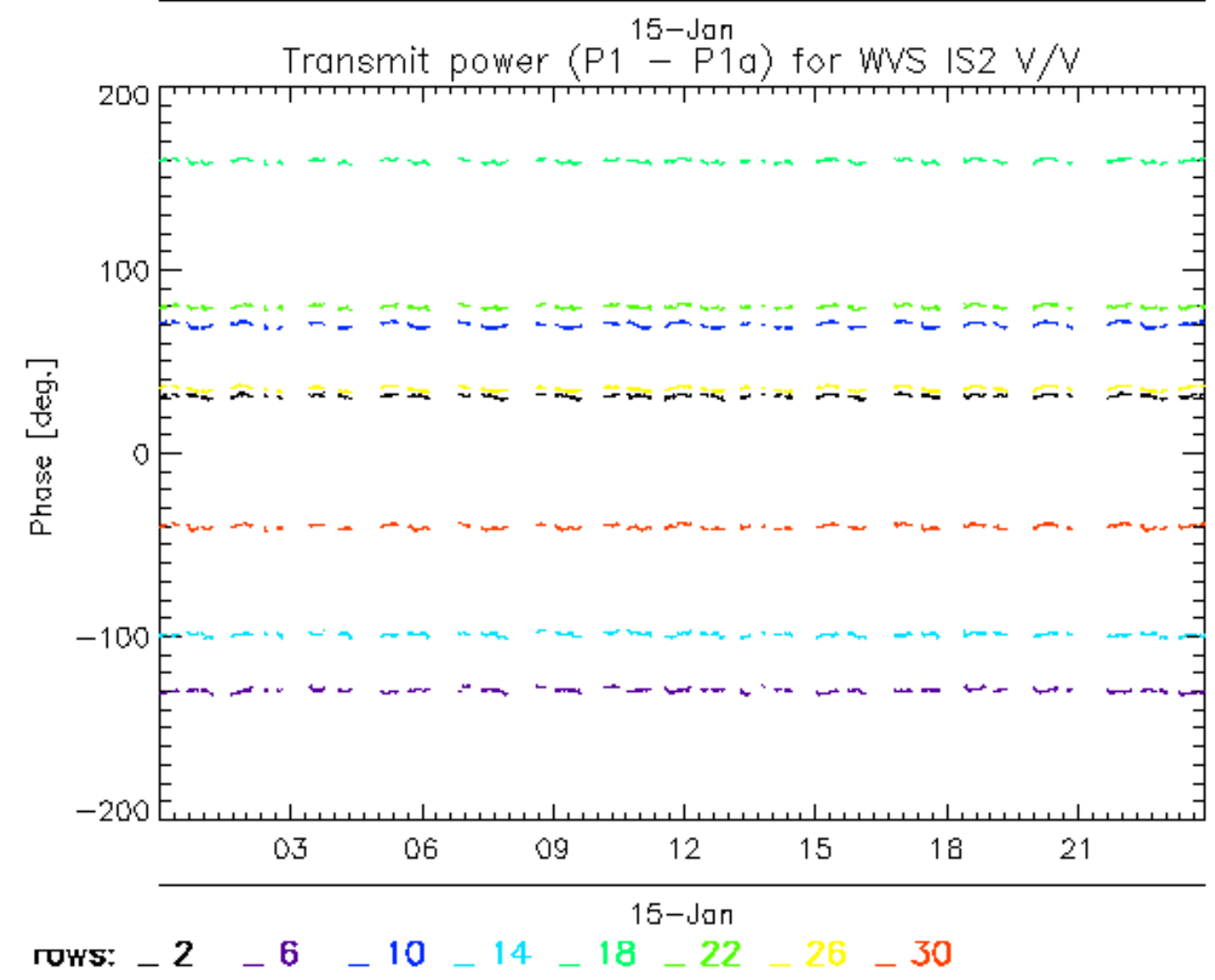
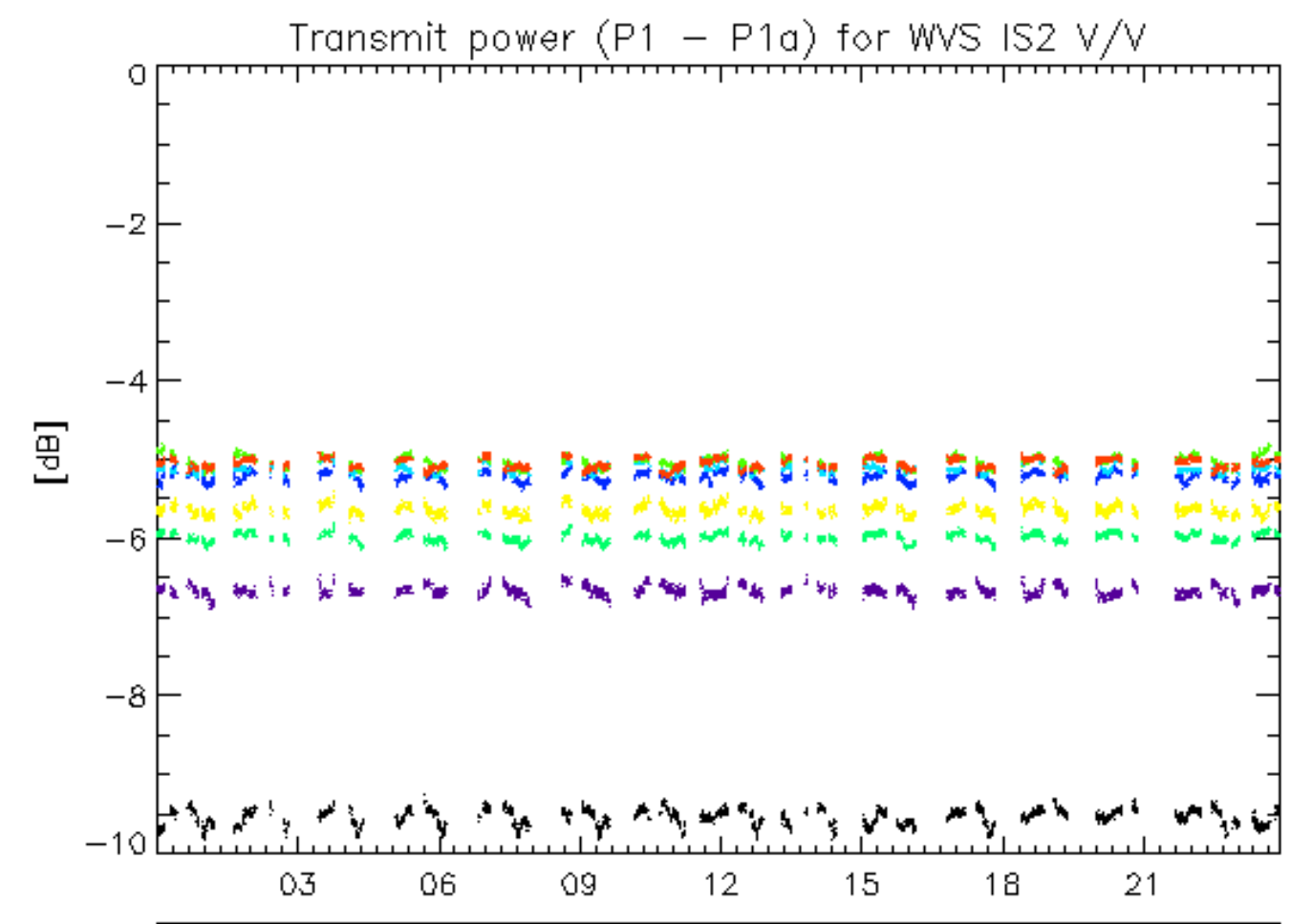
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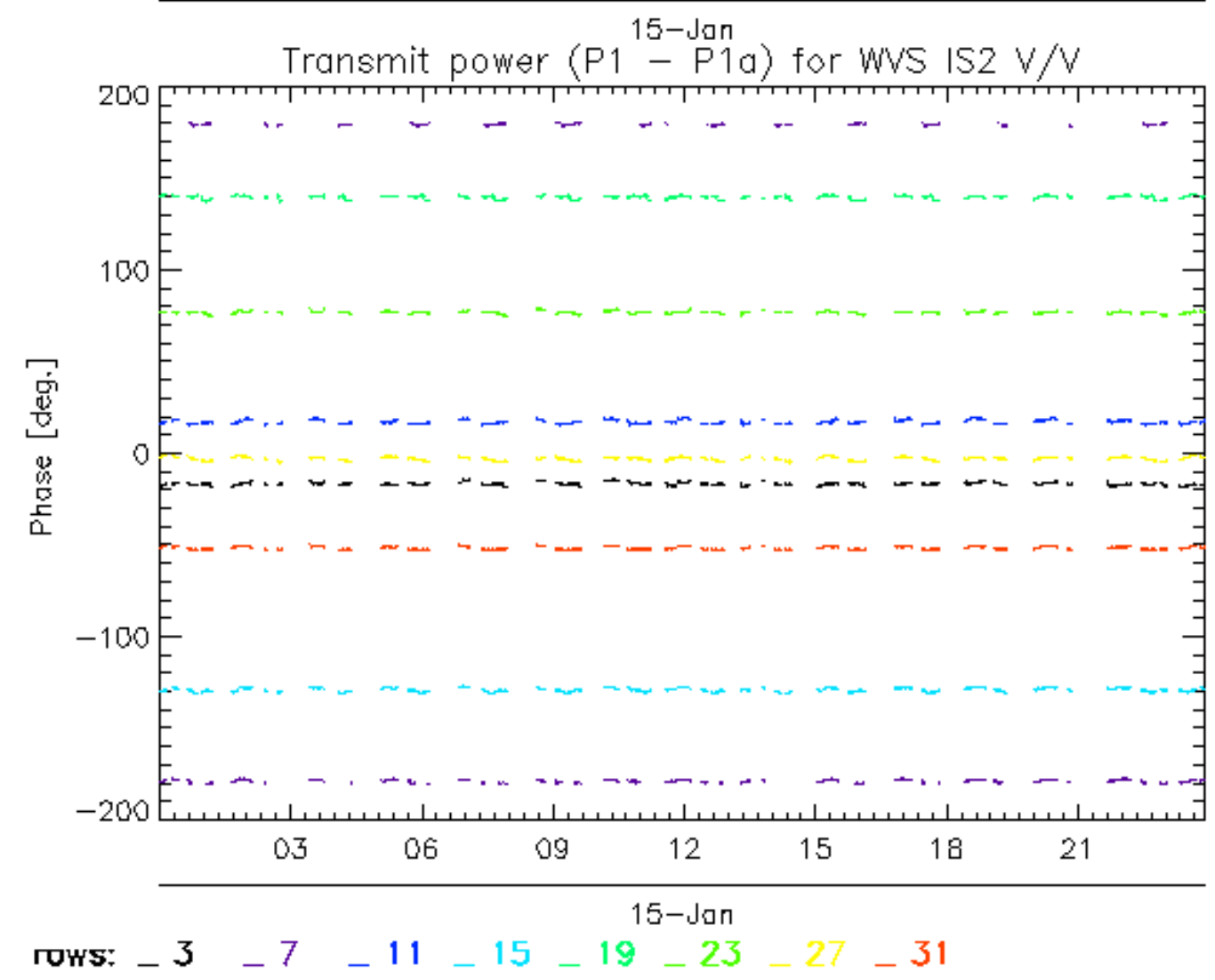
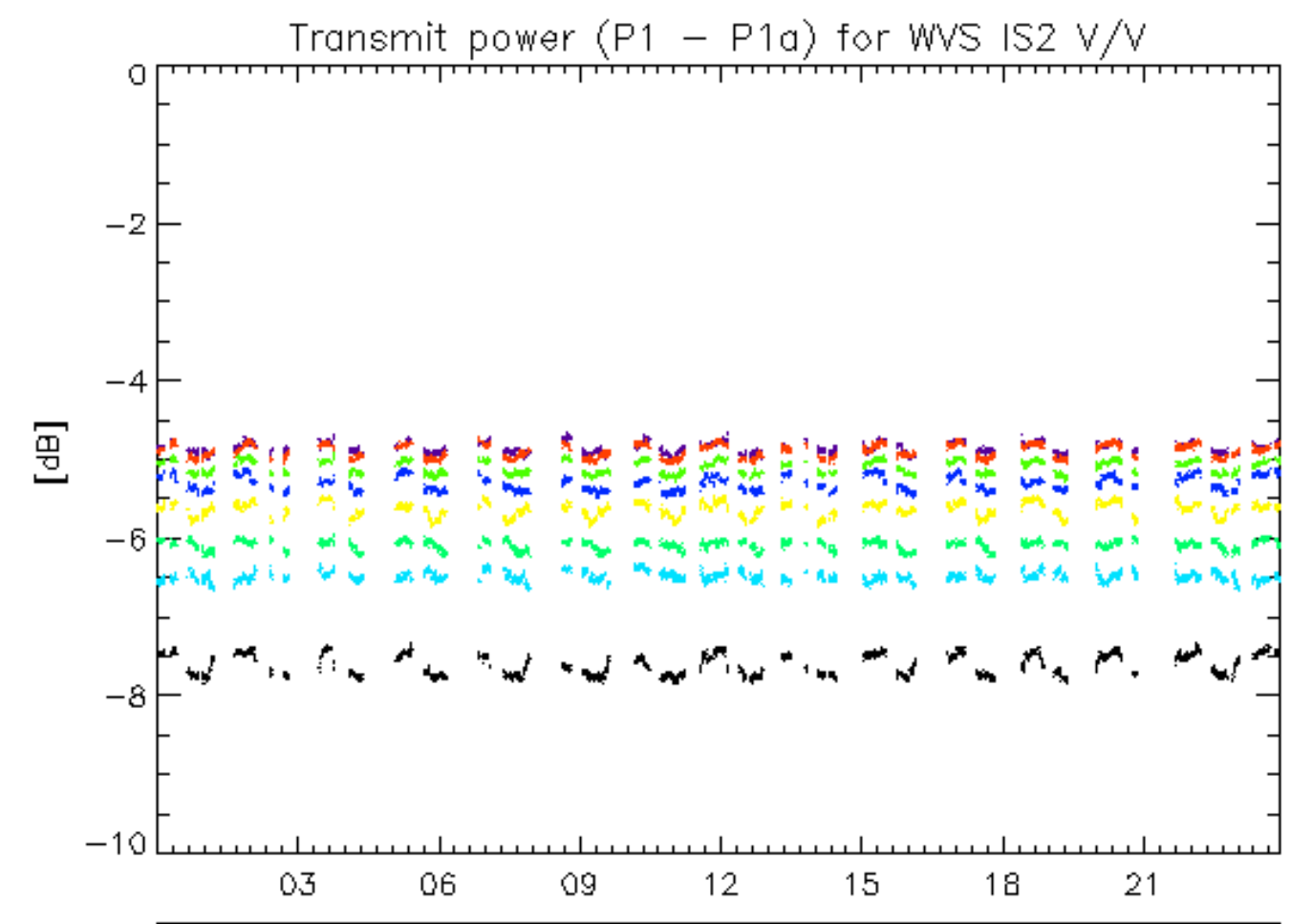


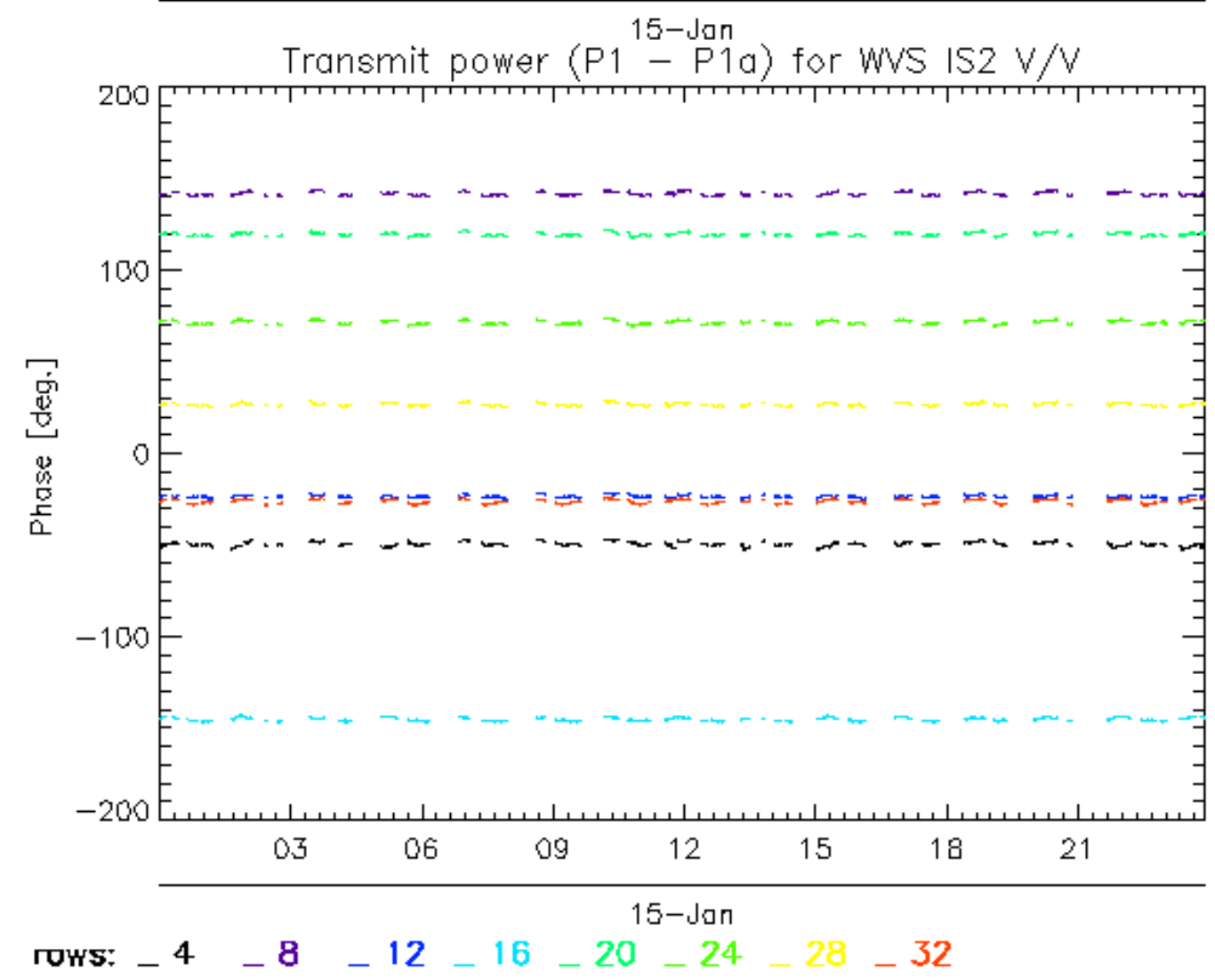
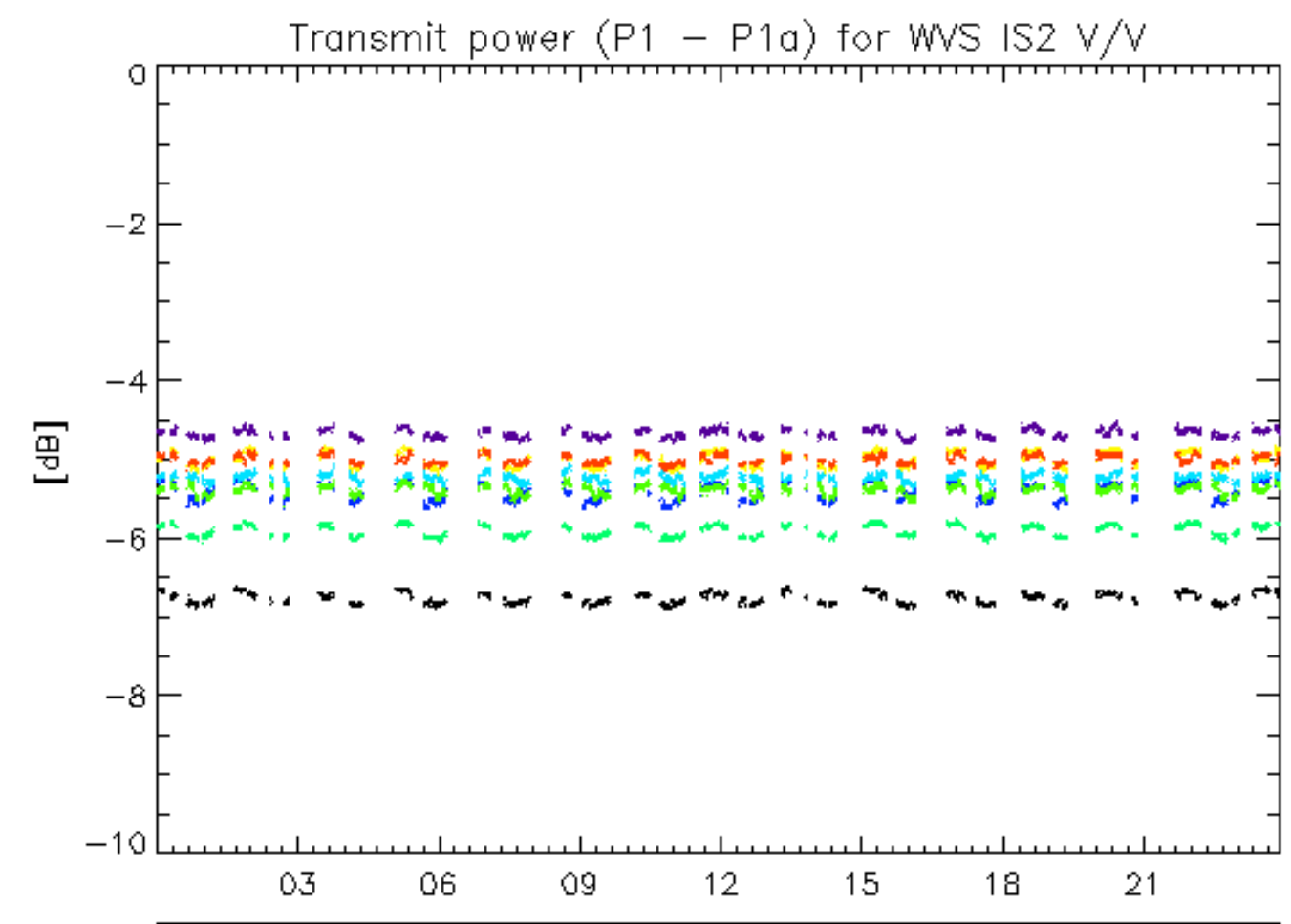
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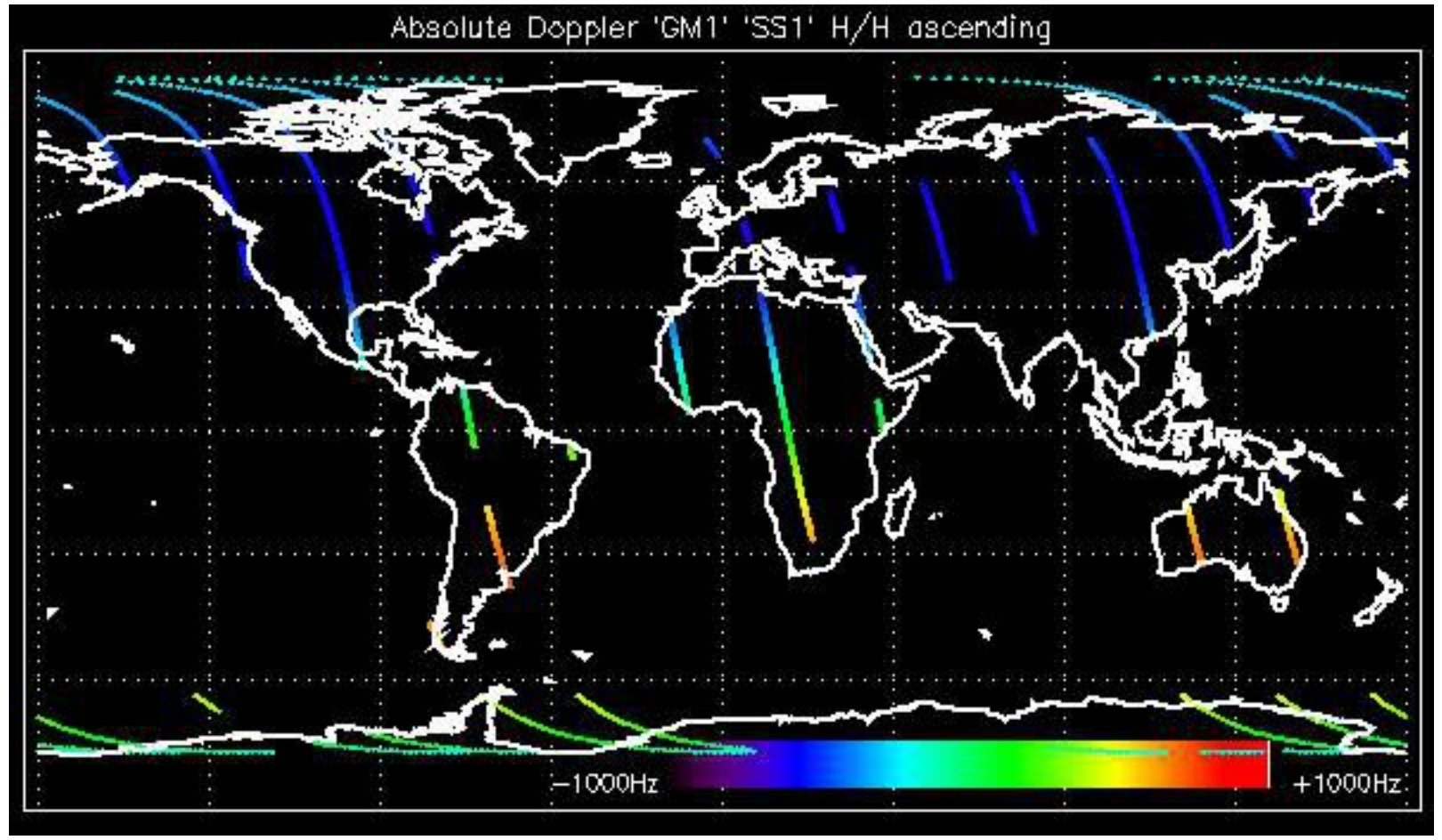
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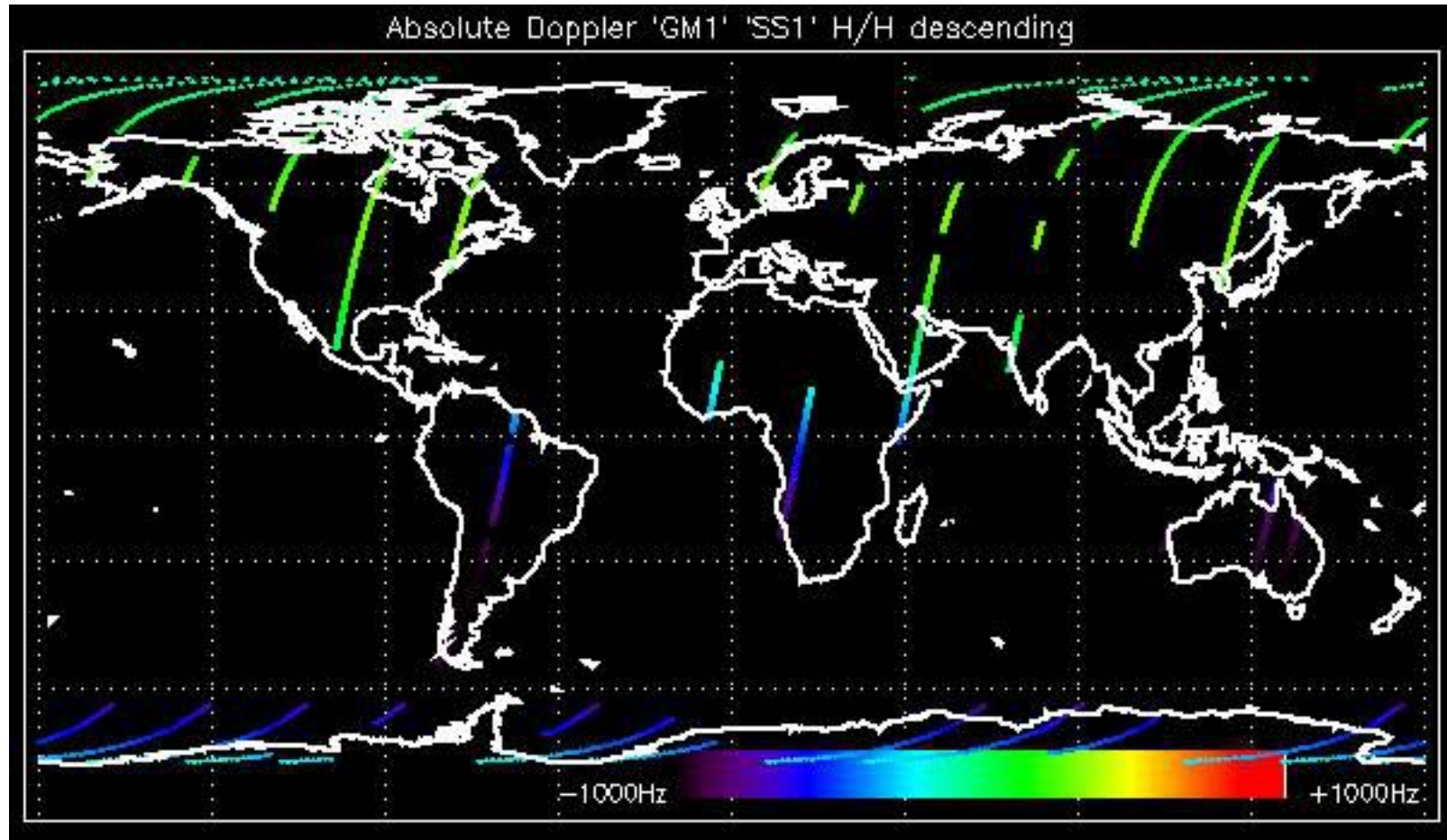
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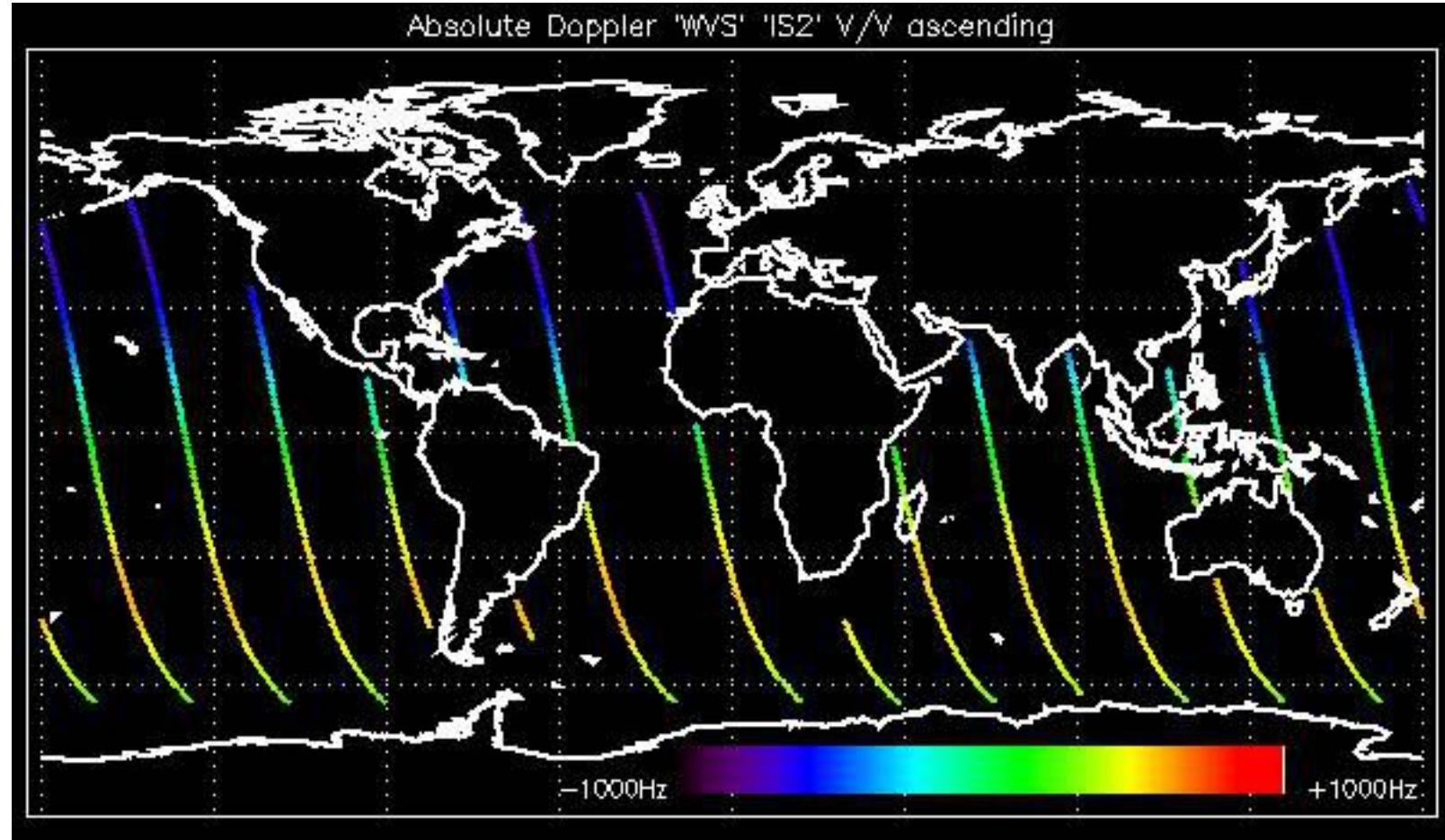
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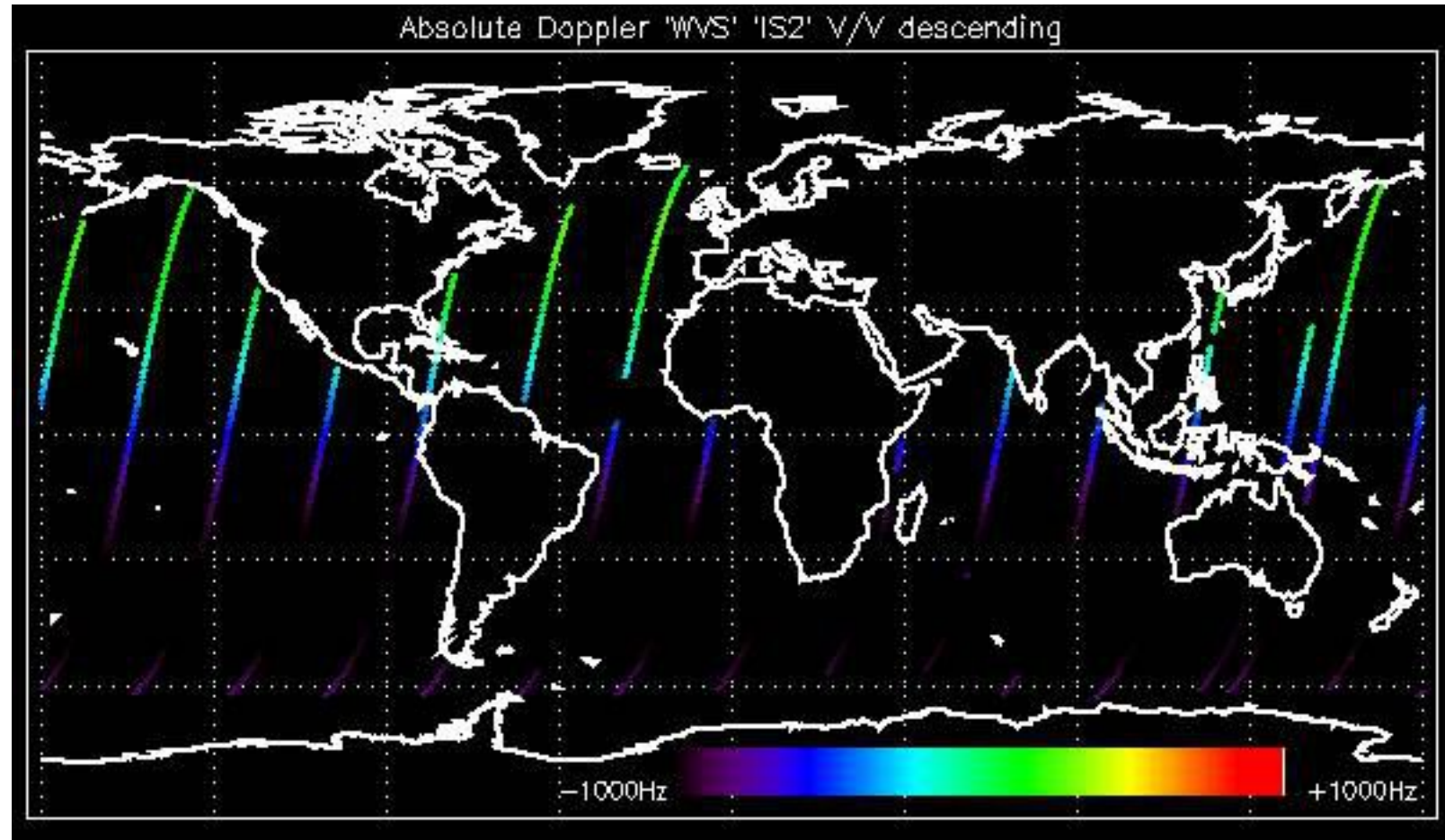


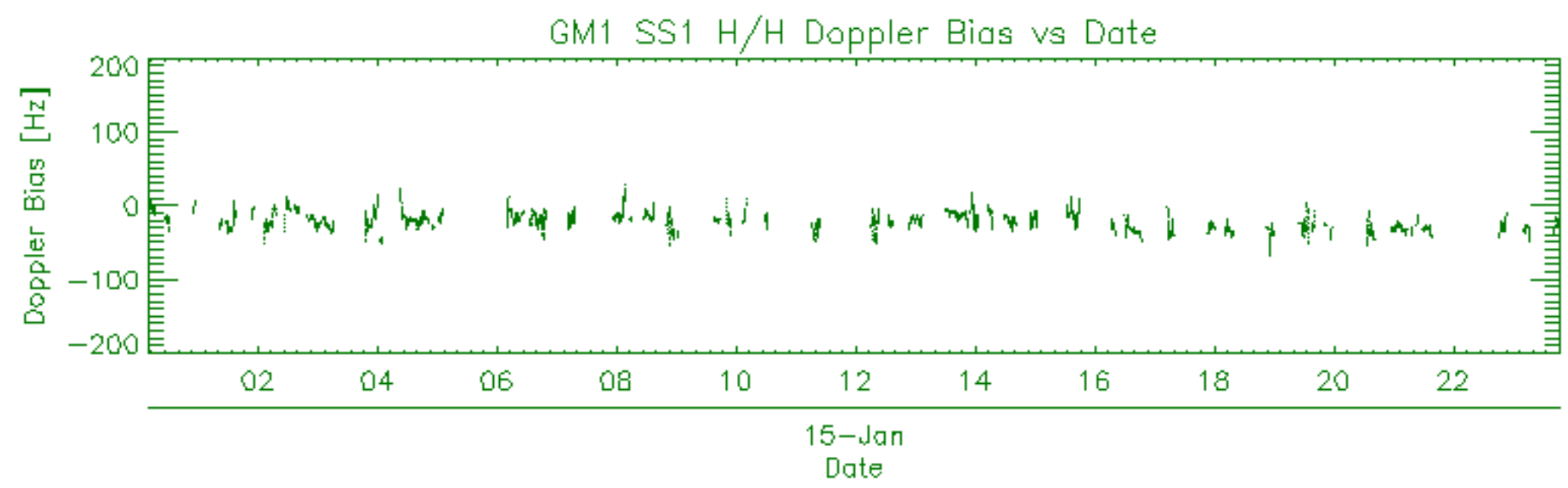
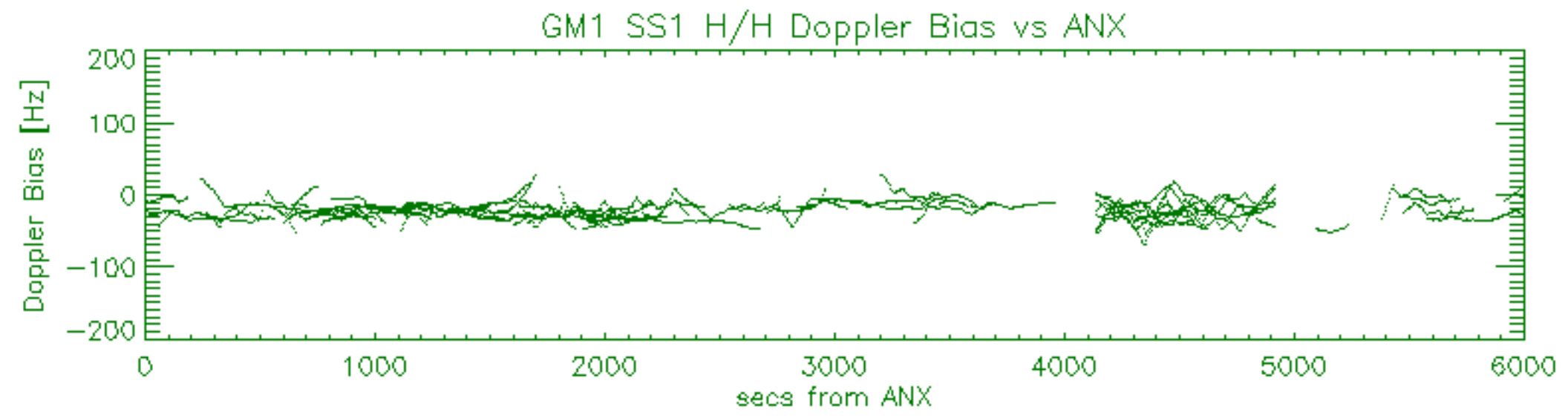
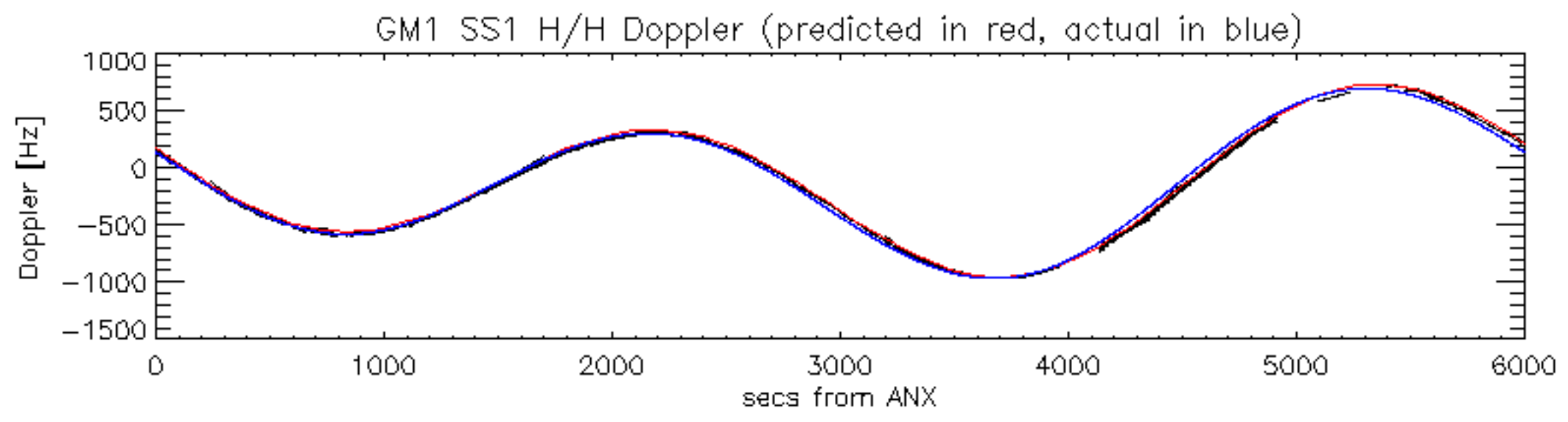
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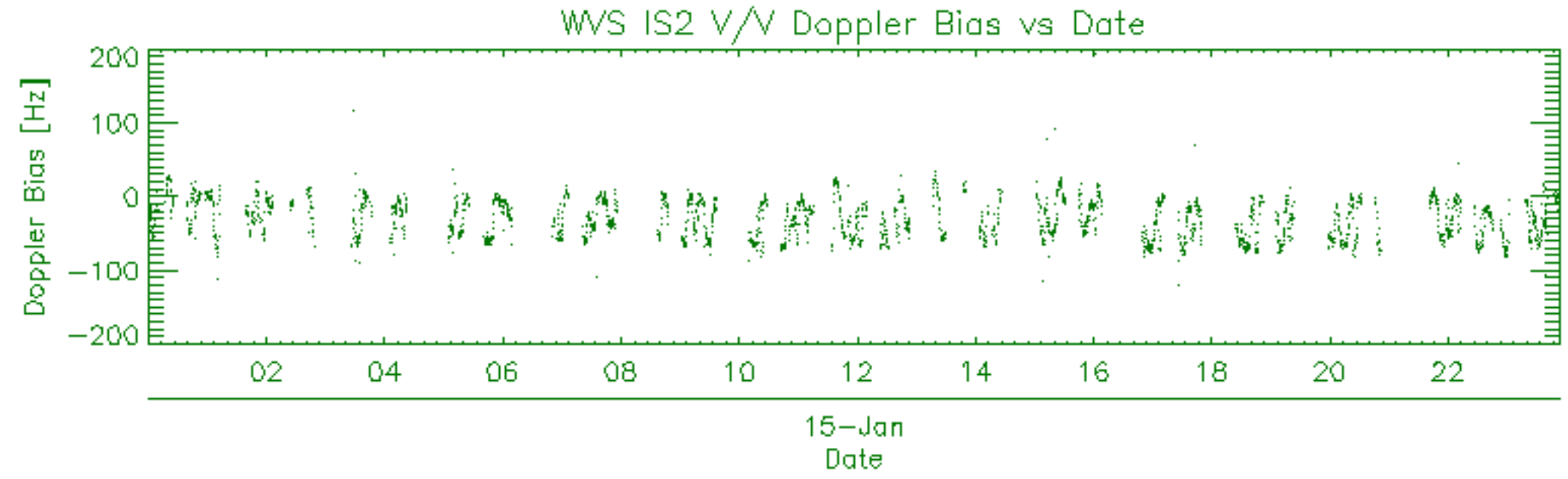
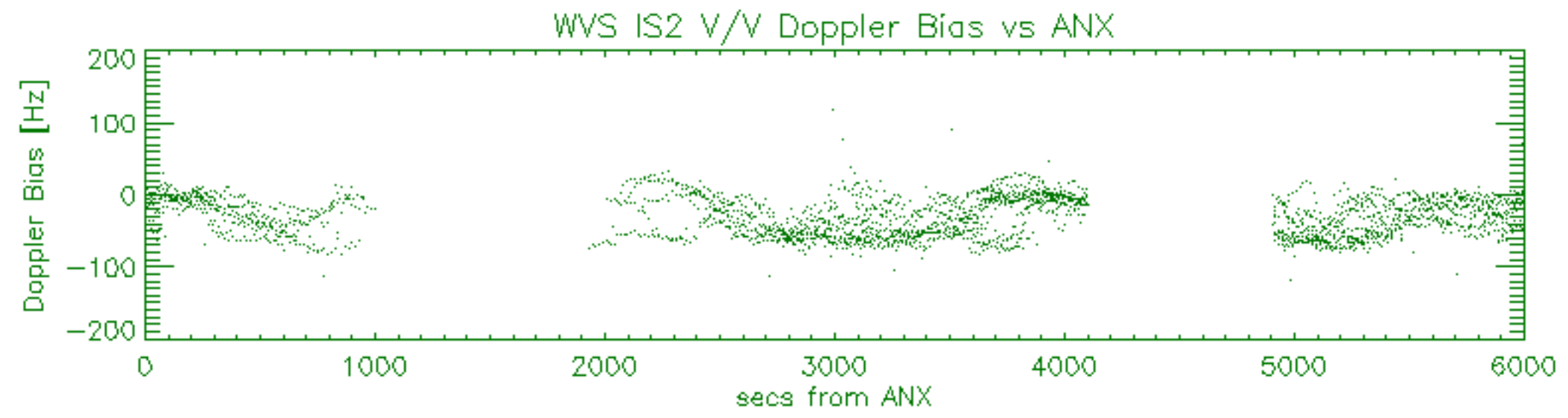
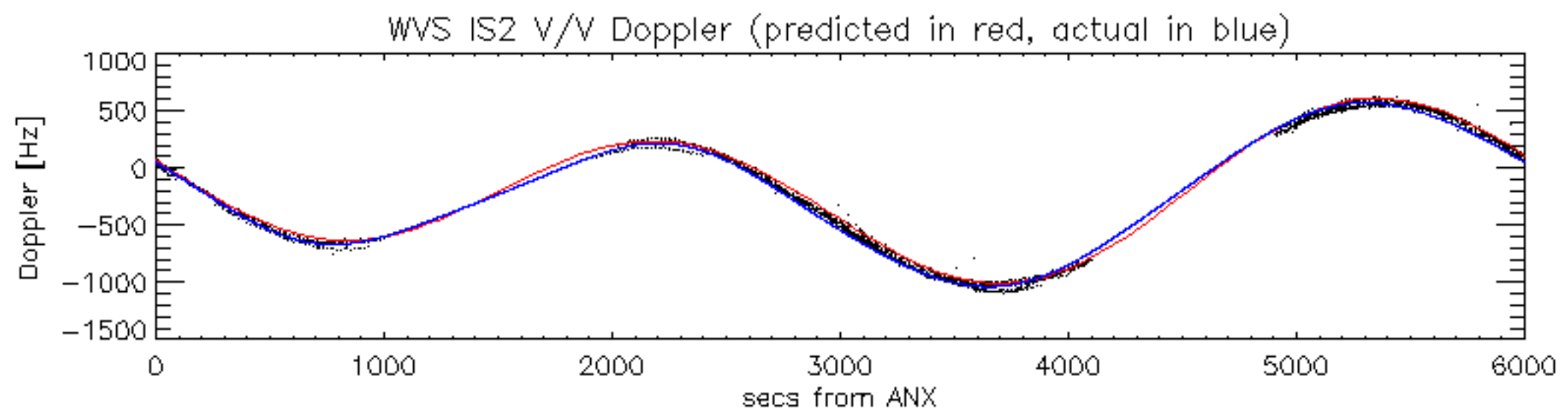


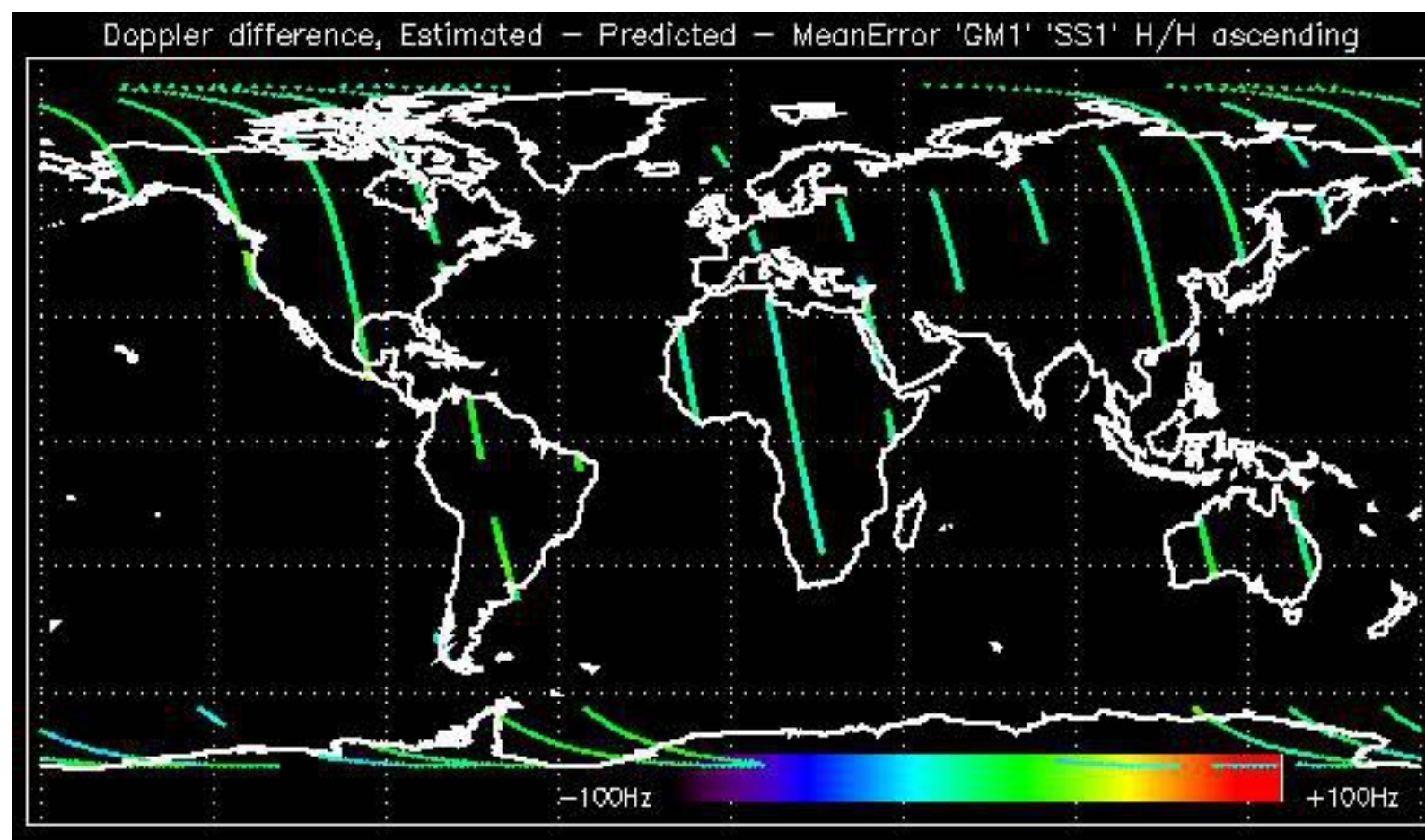


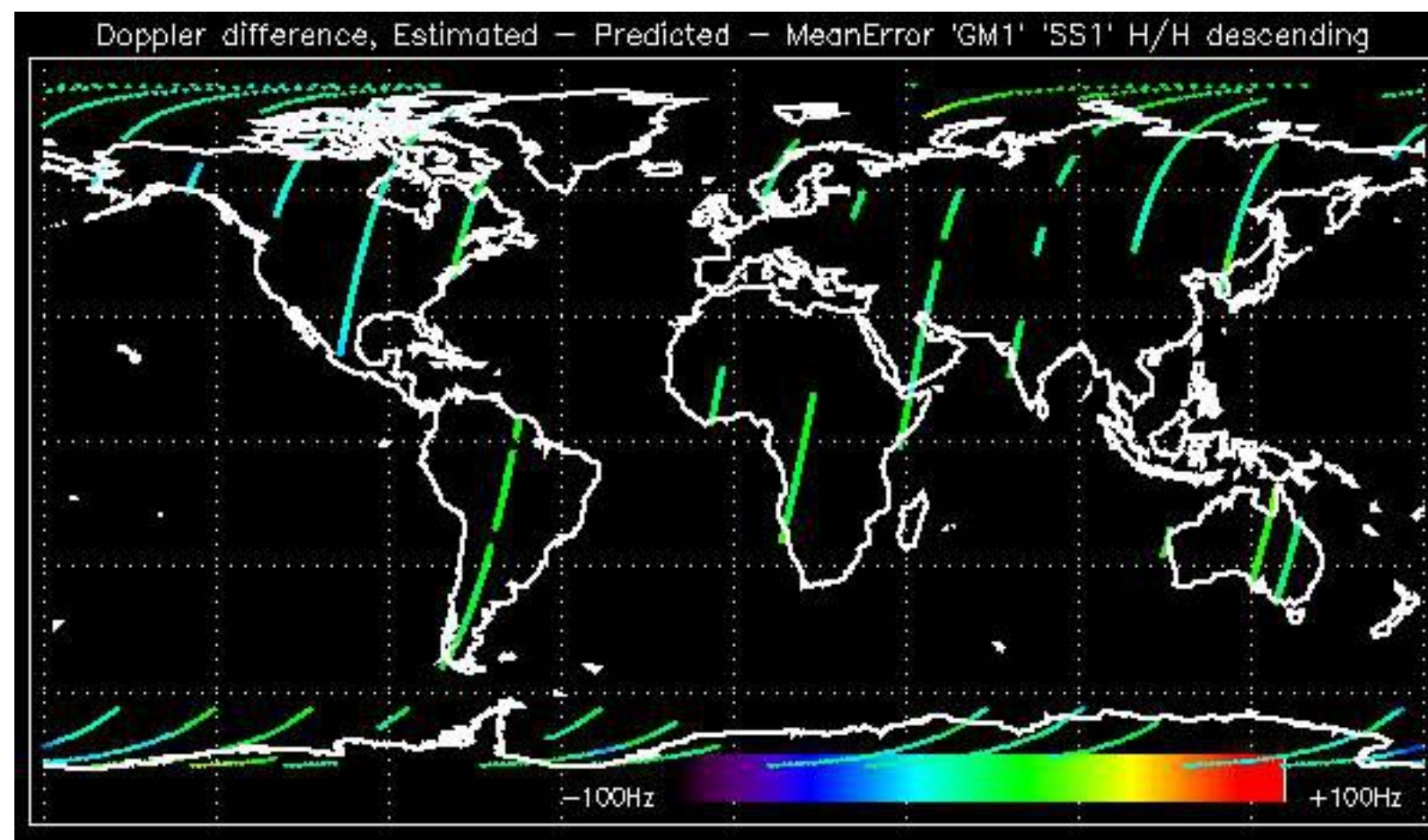


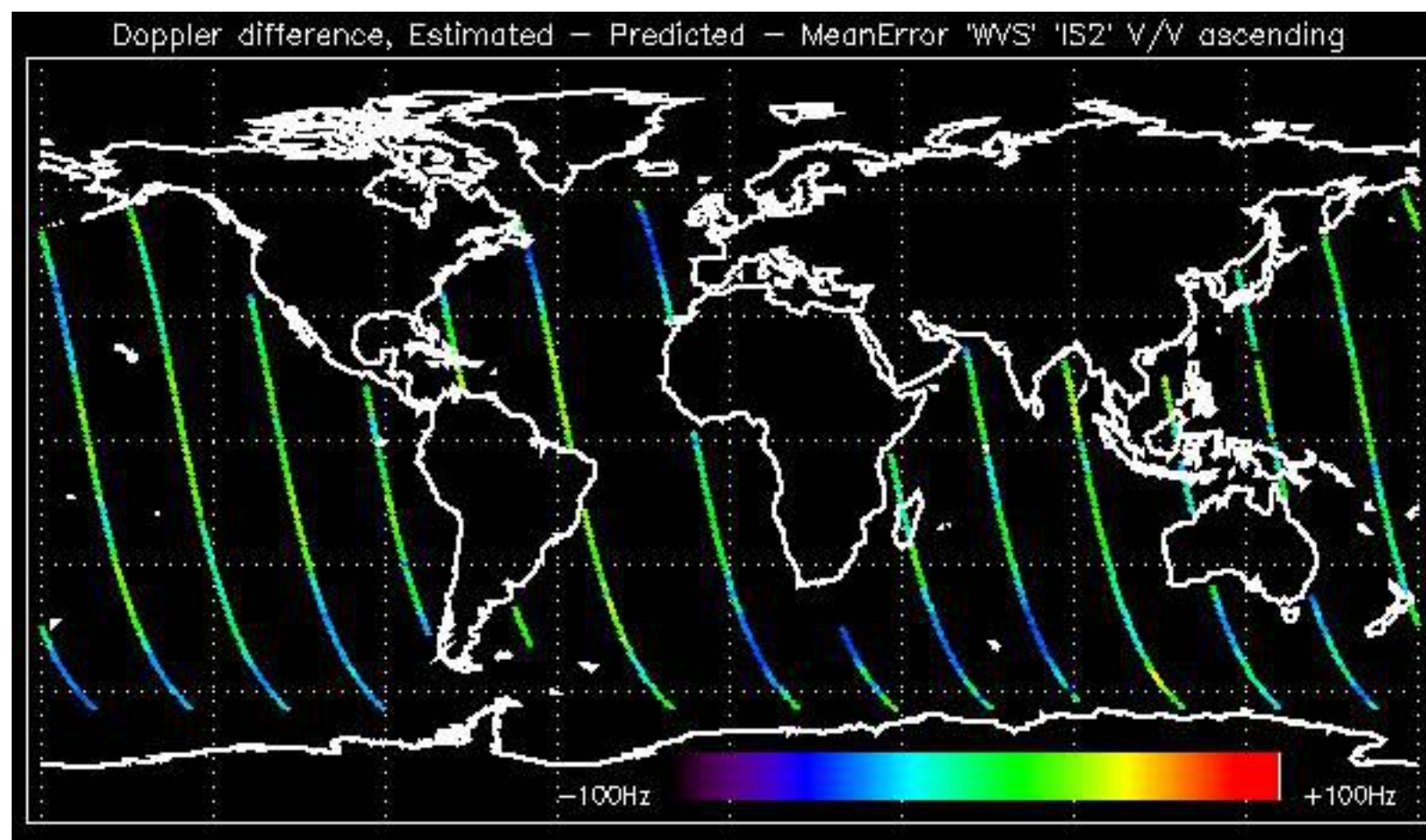


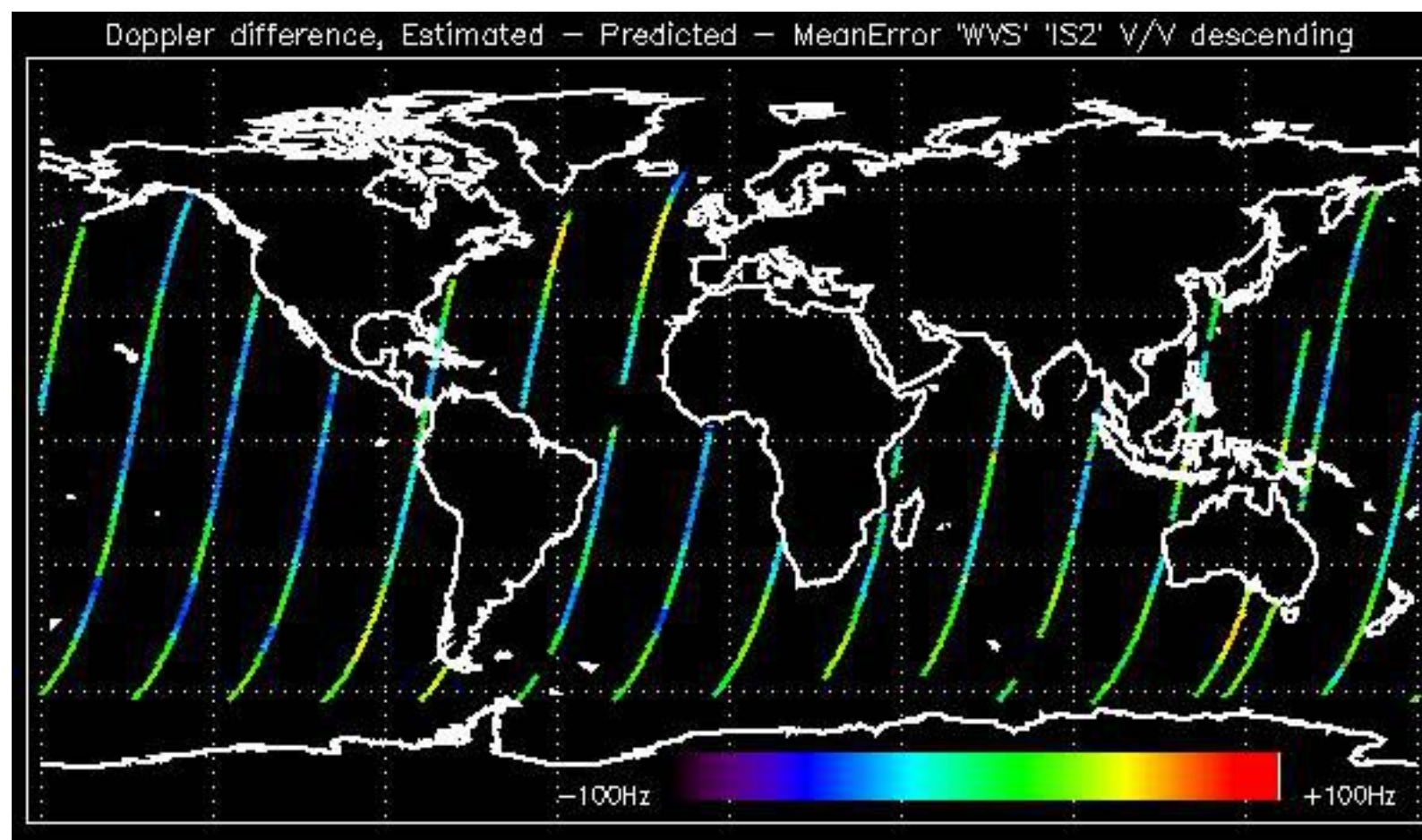


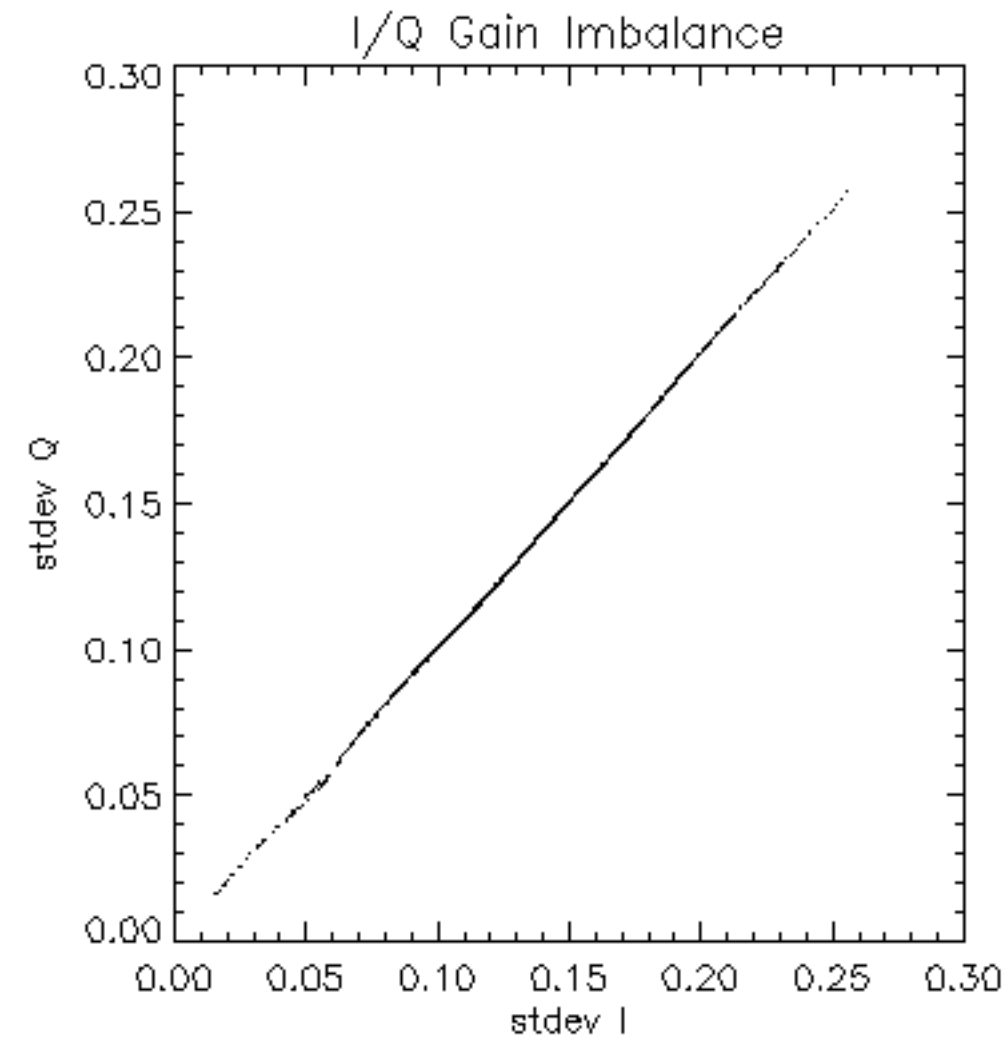


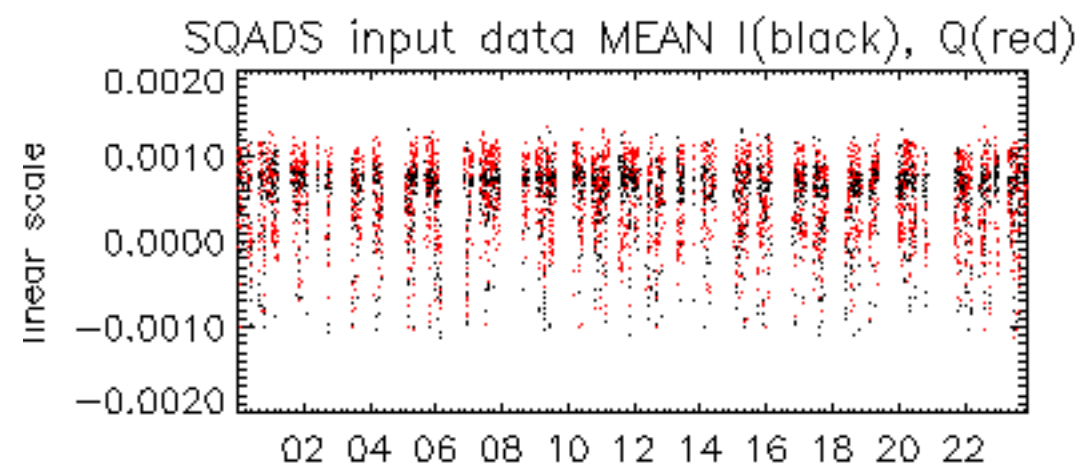




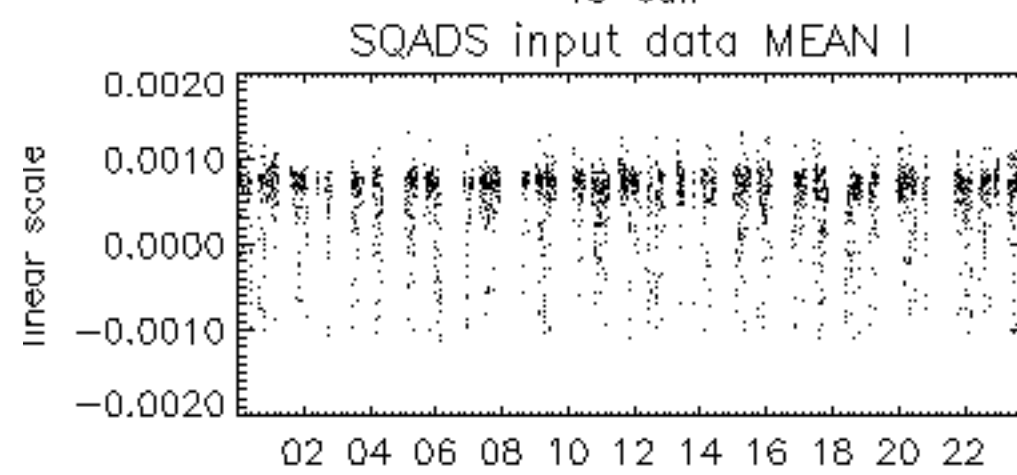




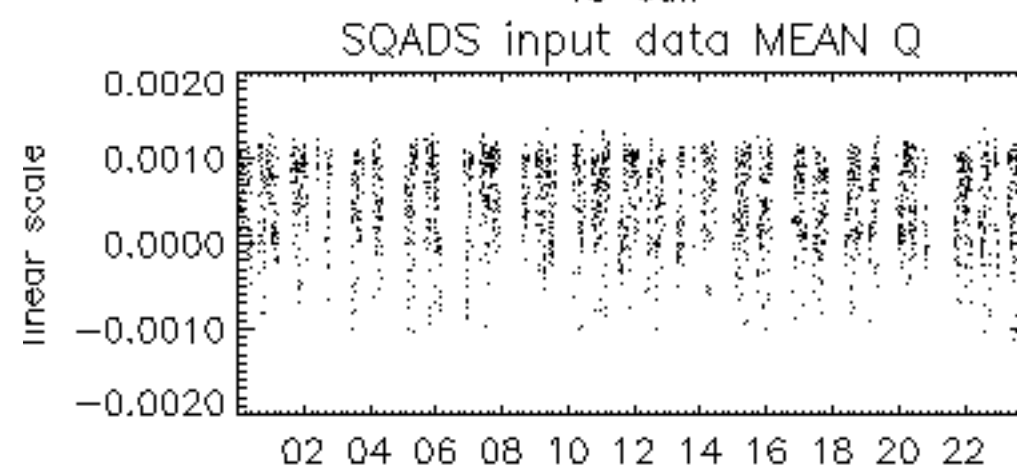




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