



Analysis from 23-OCT-2010 00:00:00 to 23-OCT-2010 23:59:59. Page generated on 27-OCT-2010 13:23:47.
View log file: ASAR_Daily_Report_20101027_1323.log. For any anomalies please contact emma.griffiths@vega.co.uk, kajal.haria@vega.co.uk.

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

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1 - DATA SUMMARY

1.1 - Summary tables

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WVS				GM1				APM				IMM				WSM				MS			
Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Beam	Pol	#	Center	Time	Pol	Modules
PDK	IS1	H/H	7																				
PDK	IS1	V/V	2																				
PDK	IS2	V/V	10																				

1.2 - Lists of products used

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[[TXT](#)] [[XLS](#)] [List_WVS_products_used](#)

2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

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ADFs disseminated for ASAR
ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
ASA_INS_AXVIEC20101018_101437_20101022_000000_20101231_235959
ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

2.2 - Products with wrong ADFs

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Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
WVS	0	0	0	0

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

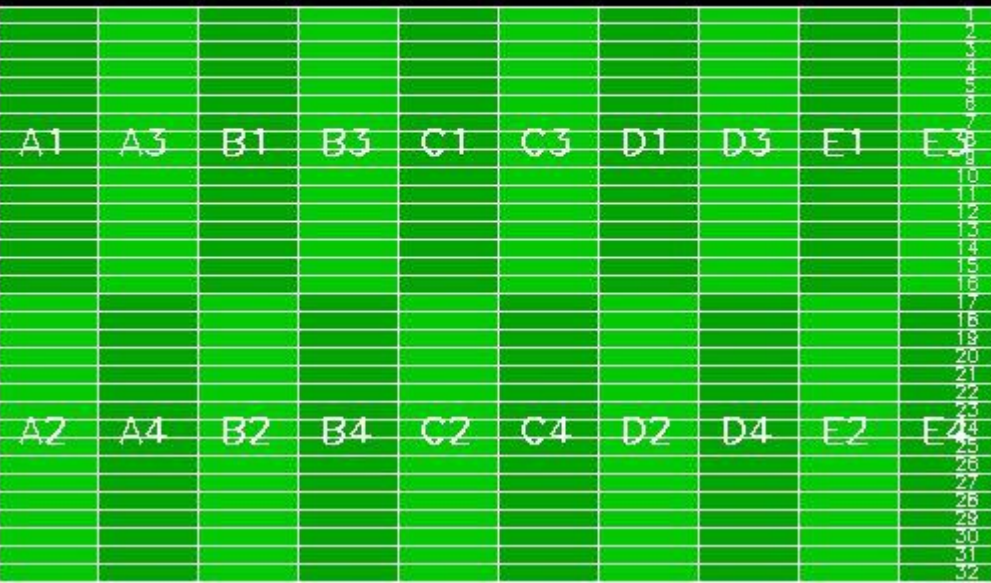
3 - MODULE STEPPING PRODUCTS ANALYSIS

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 RxGain
 Test : 2010-10-20 17:01:37 V



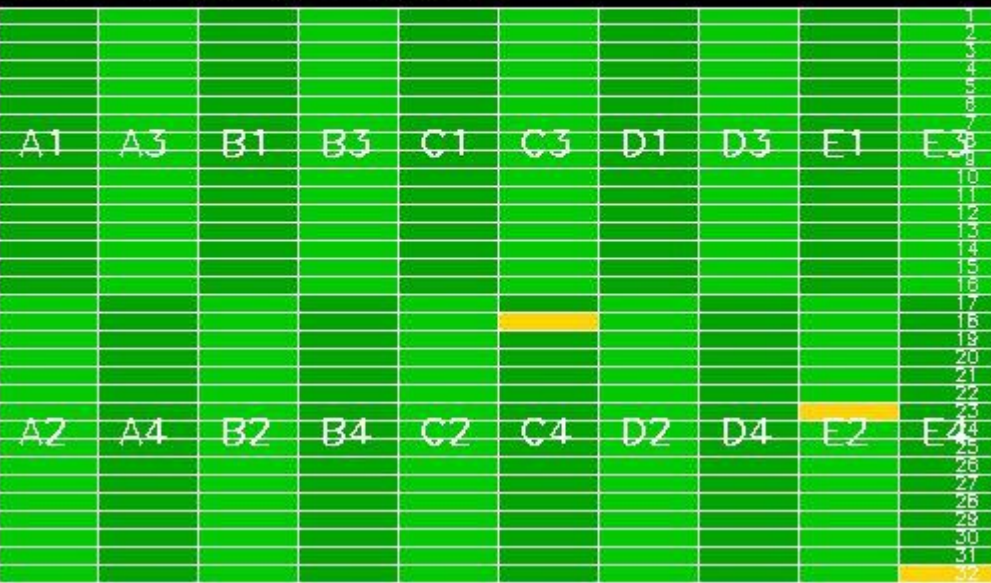
Reference: 2010-10-18 18:04:51 V RxGain
 Test : 2010-10-20 17:01:37 V

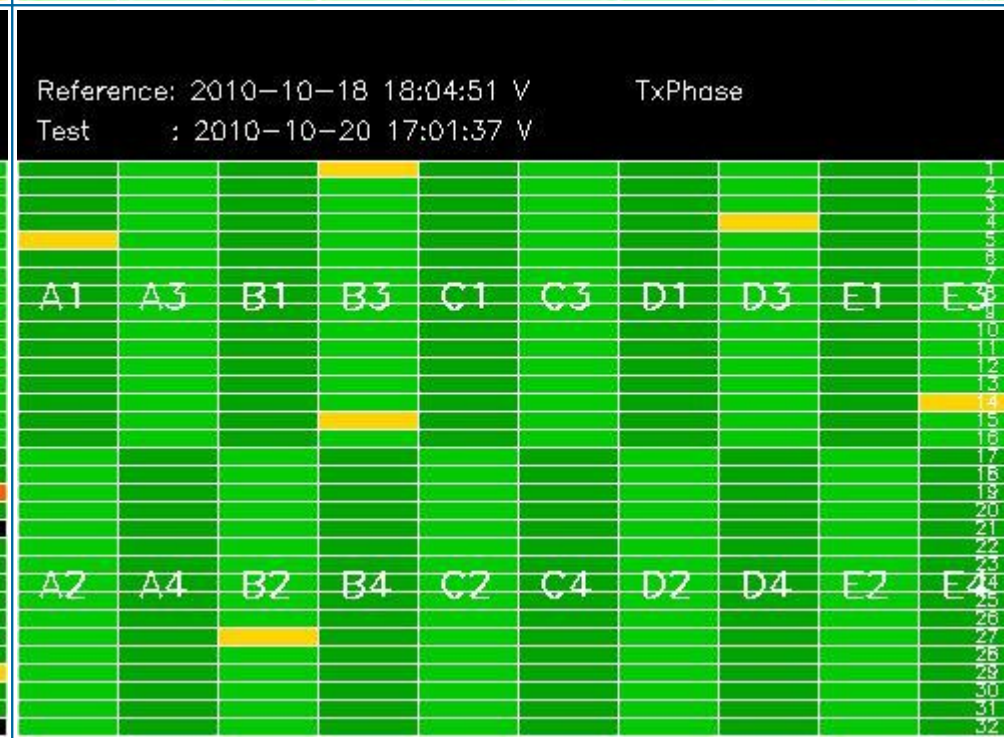
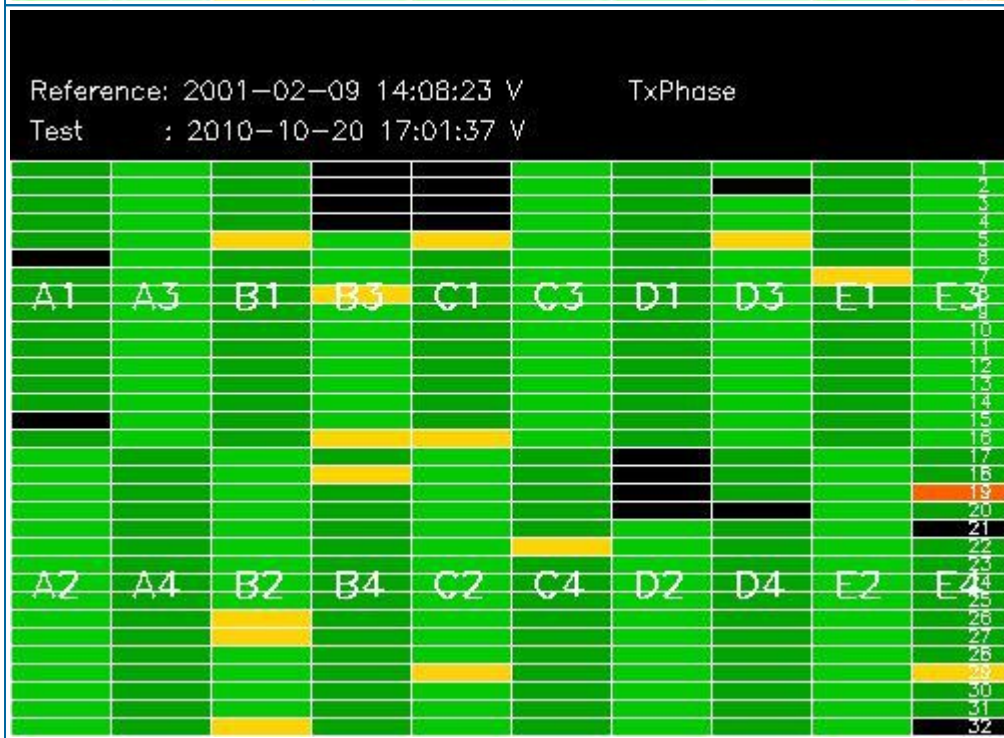
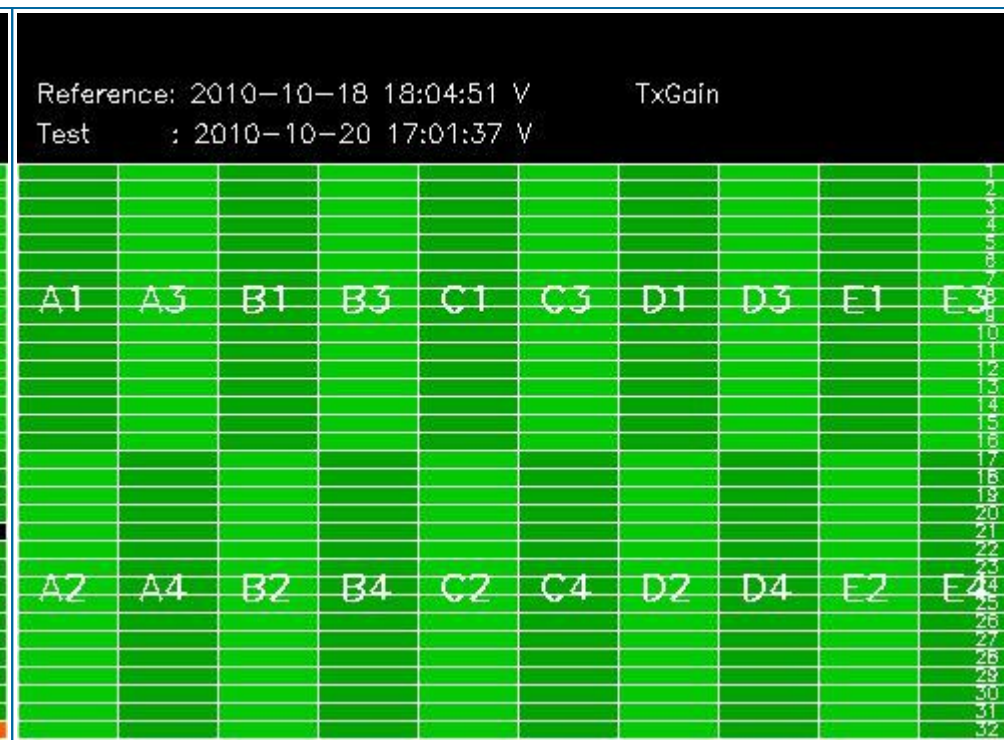
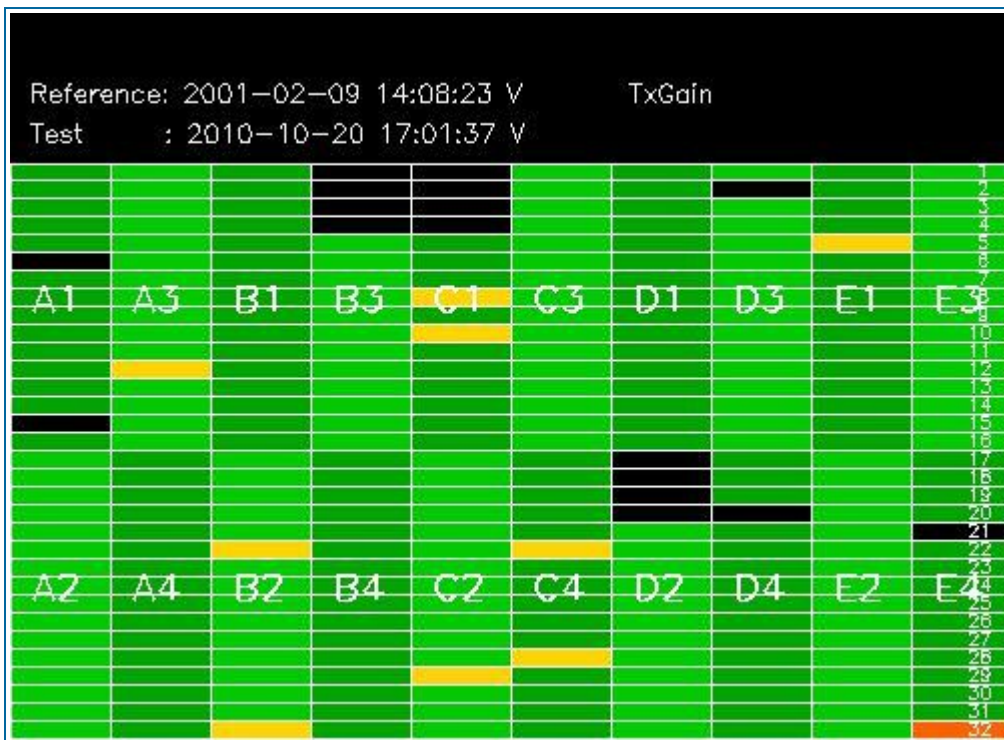


Reference: 2001-02-09 14:08:23 V RxPhase
 Test : 2010-10-20 17:01:37 V



Reference: 2010-10-18 18:04:51 V RxPhase
 Test : 2010-10-20 17:01:37 V

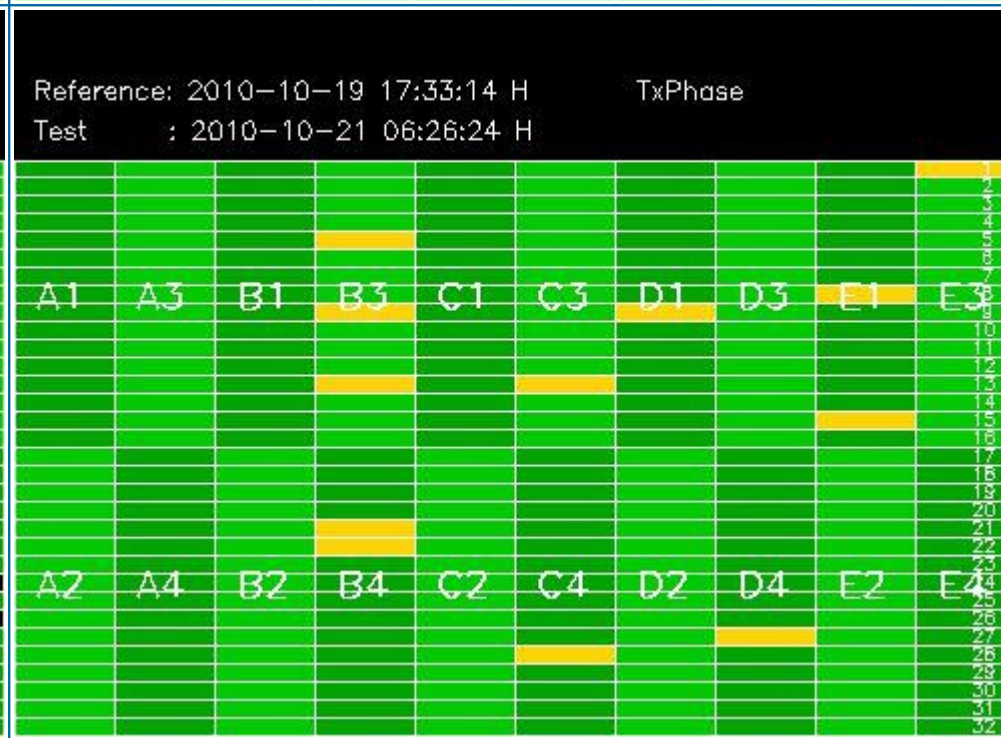
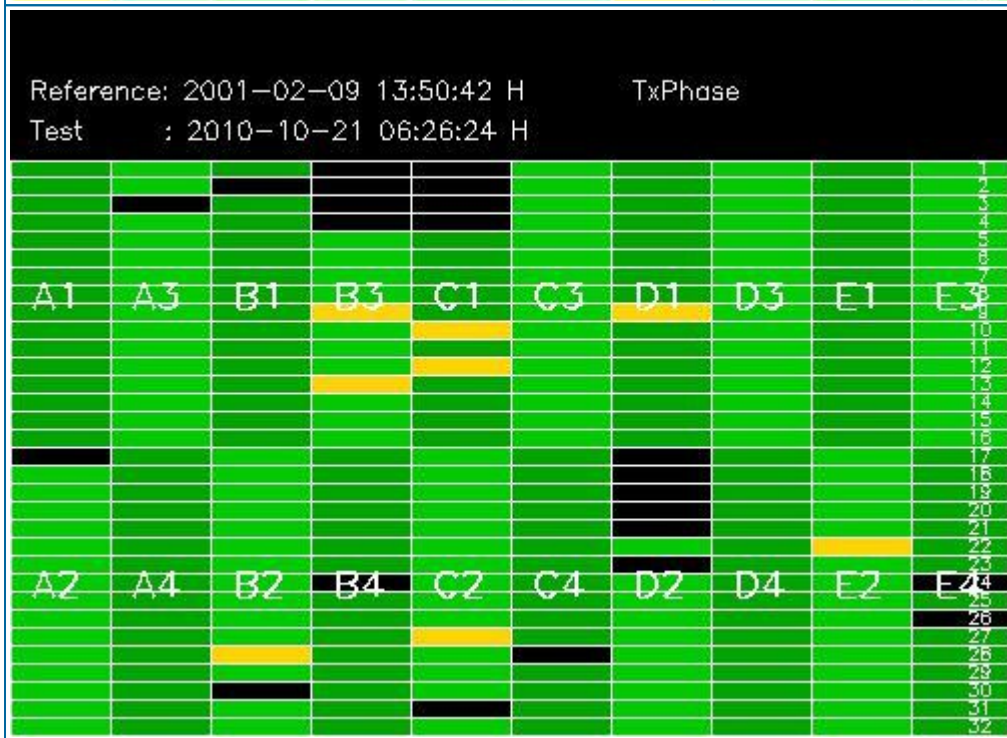
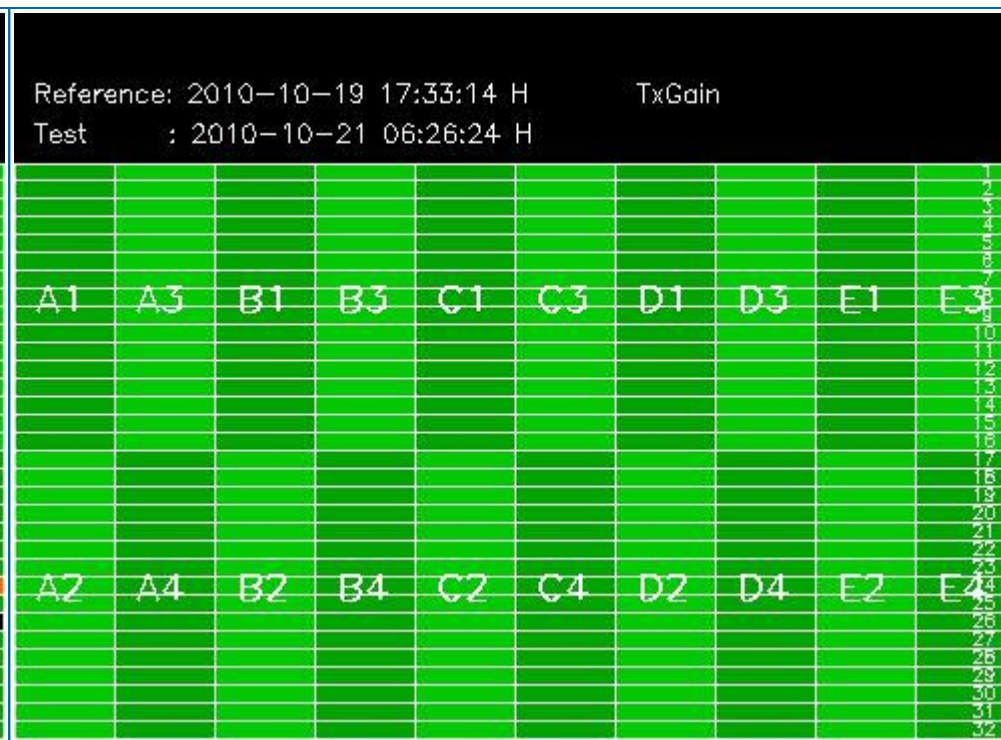
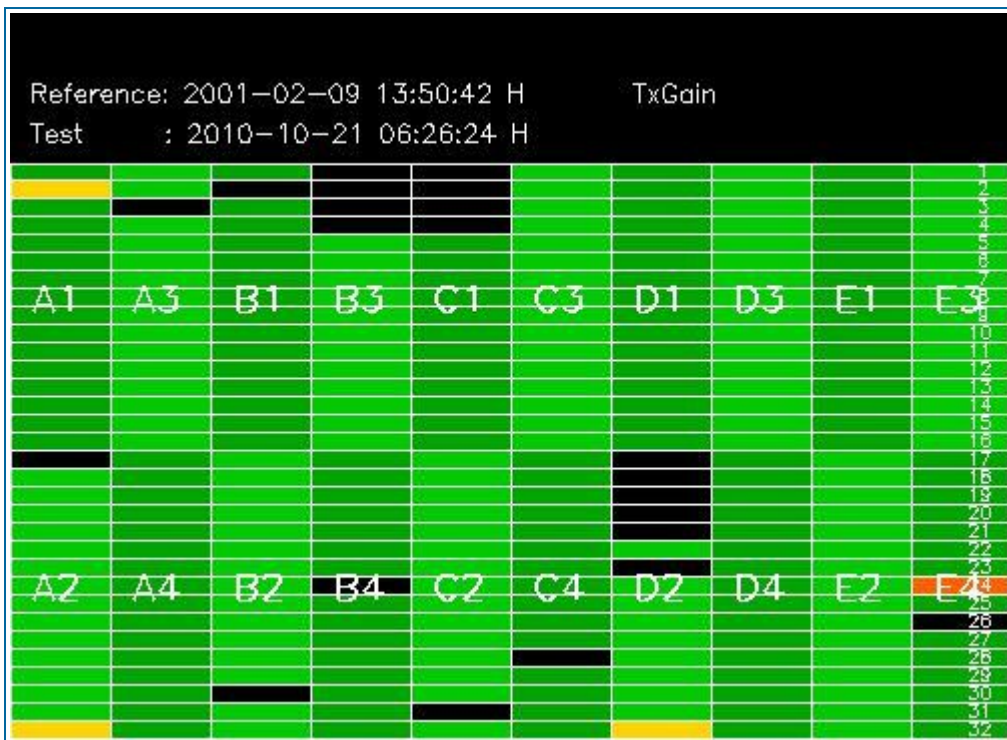




3.2 - H/H polarisation

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



4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

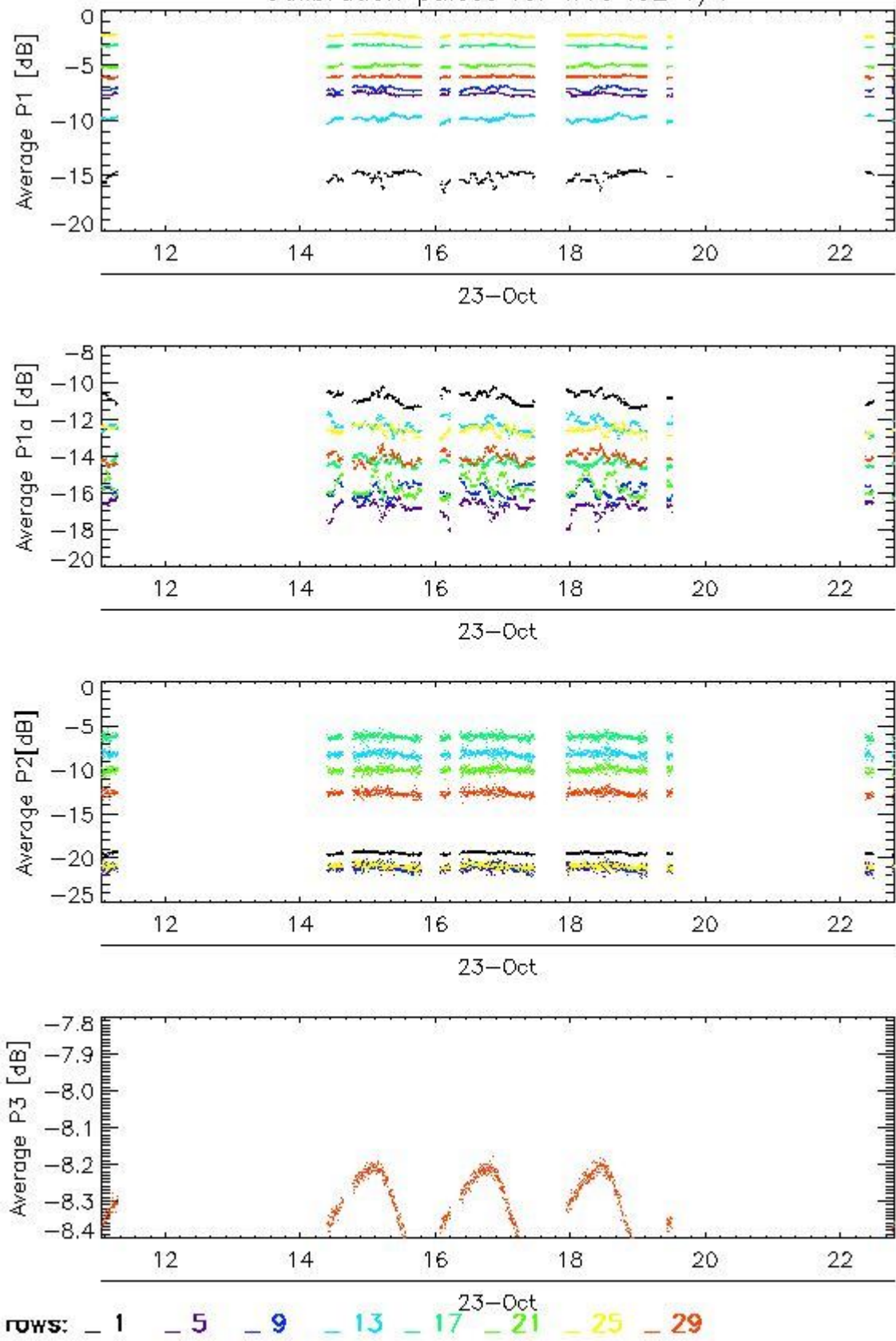
4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

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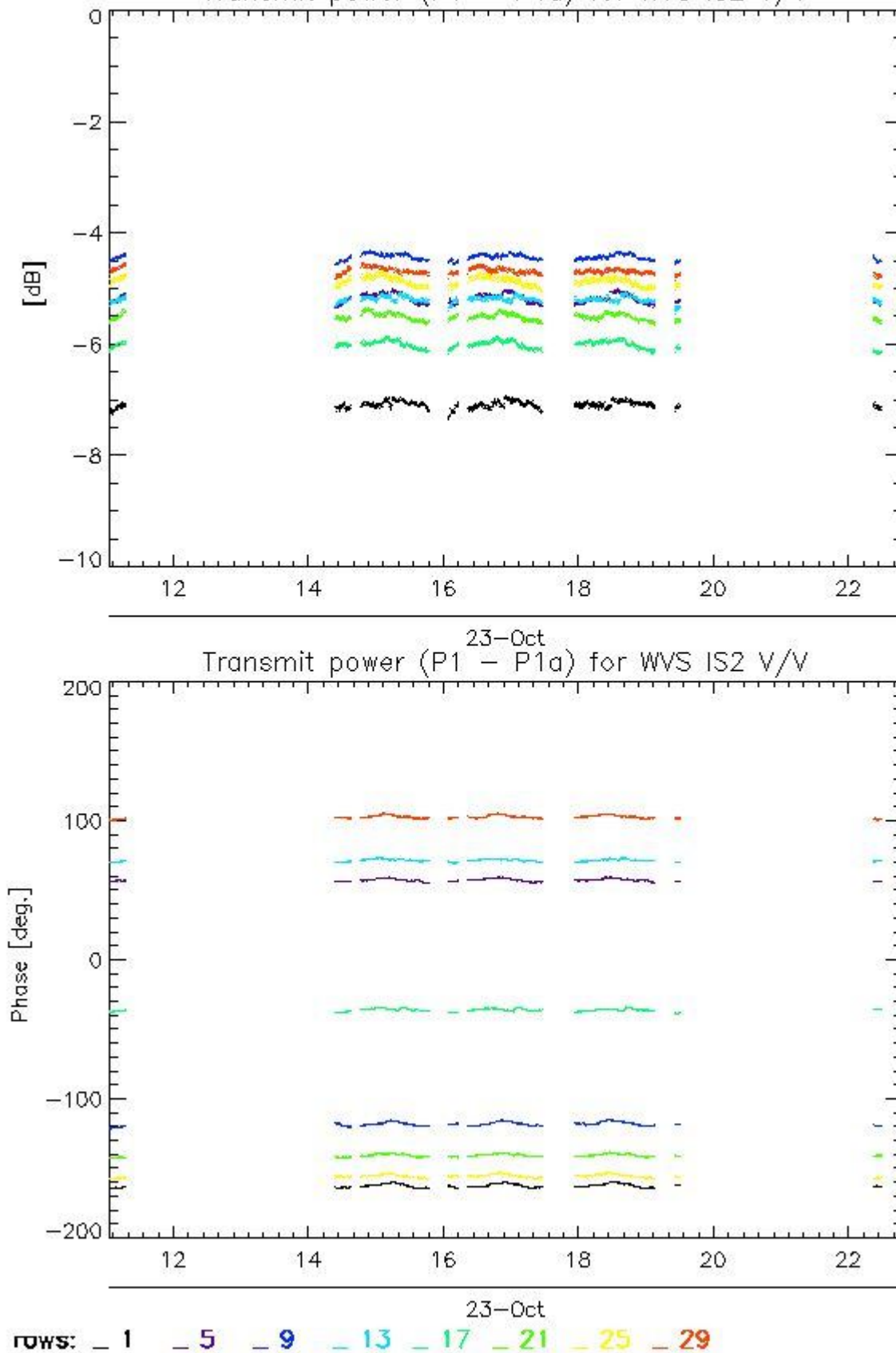
Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8/12/16/20/24/28/32]

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

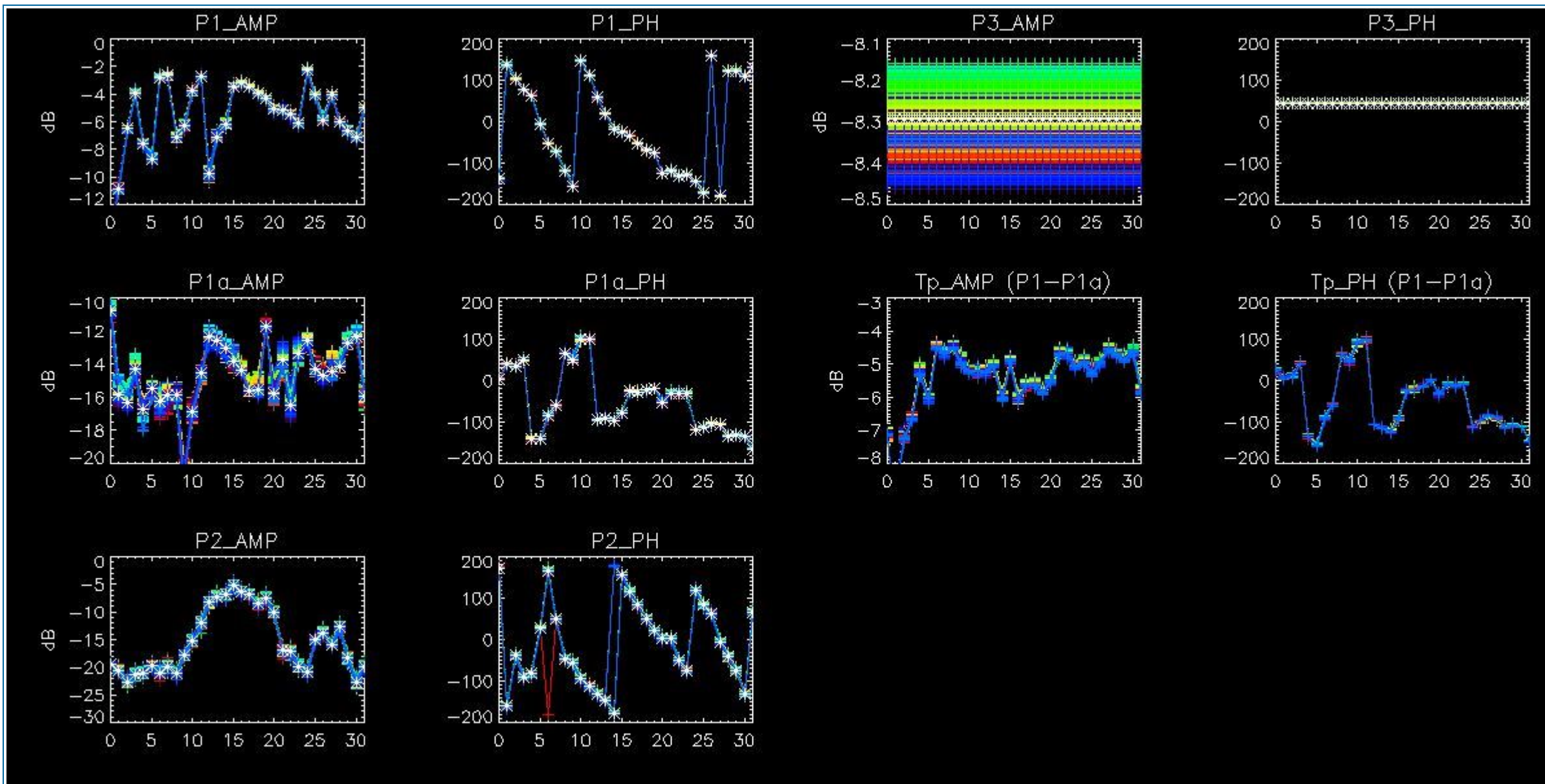


Transmit power (P1 - P1a) for WVS IS2 V/V



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]



4.2.2 - All Rows Analysis for GM1 SS3 H/H

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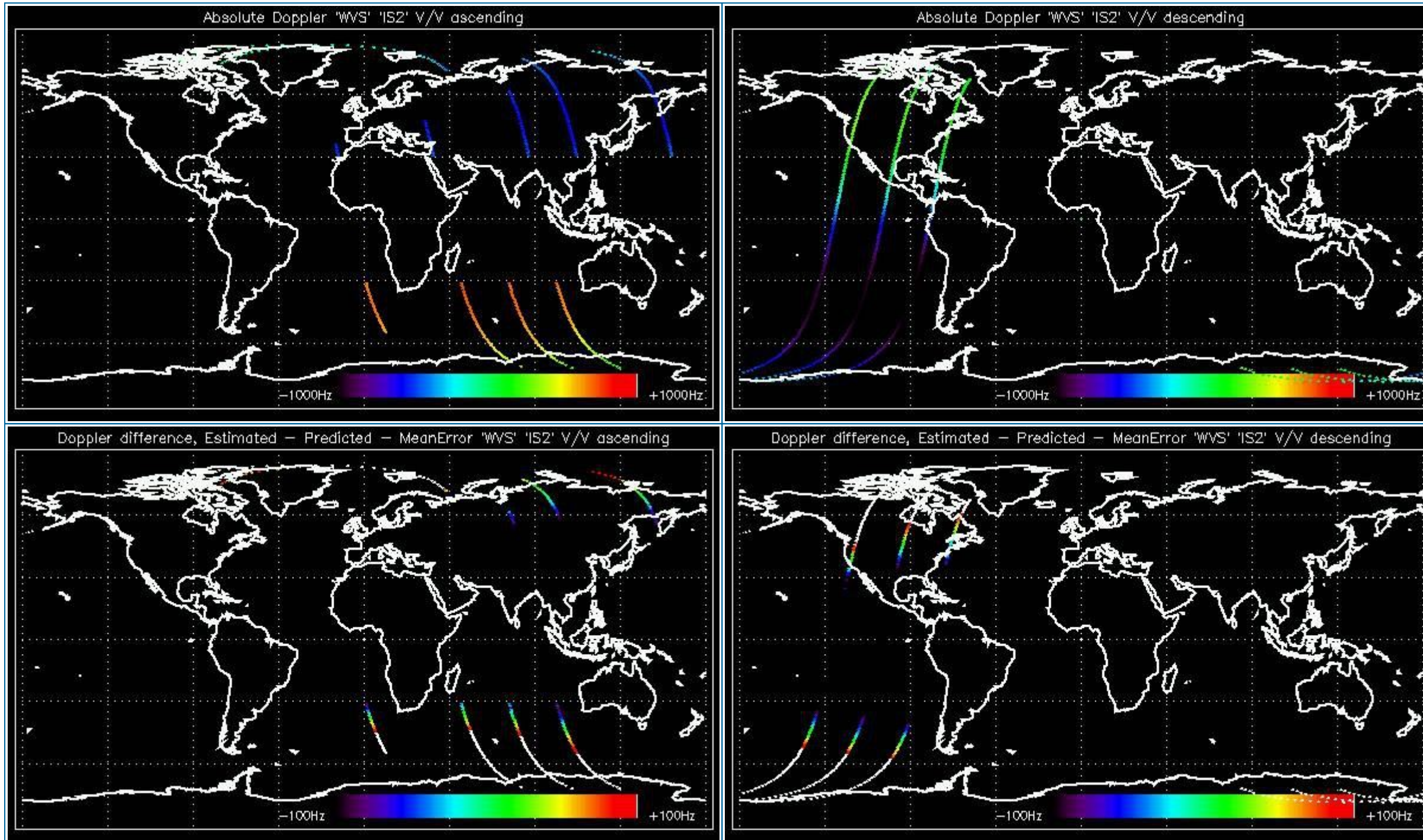


5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

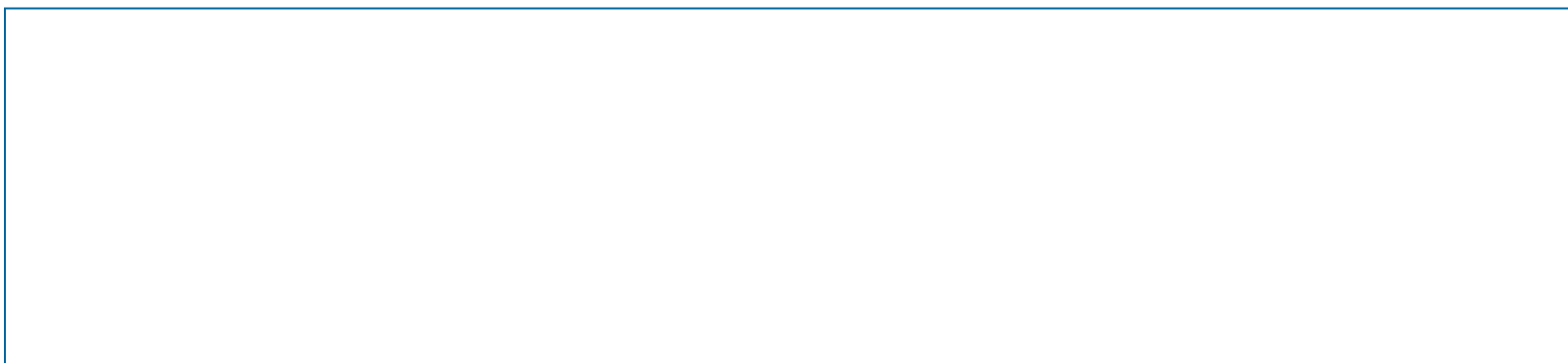
5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

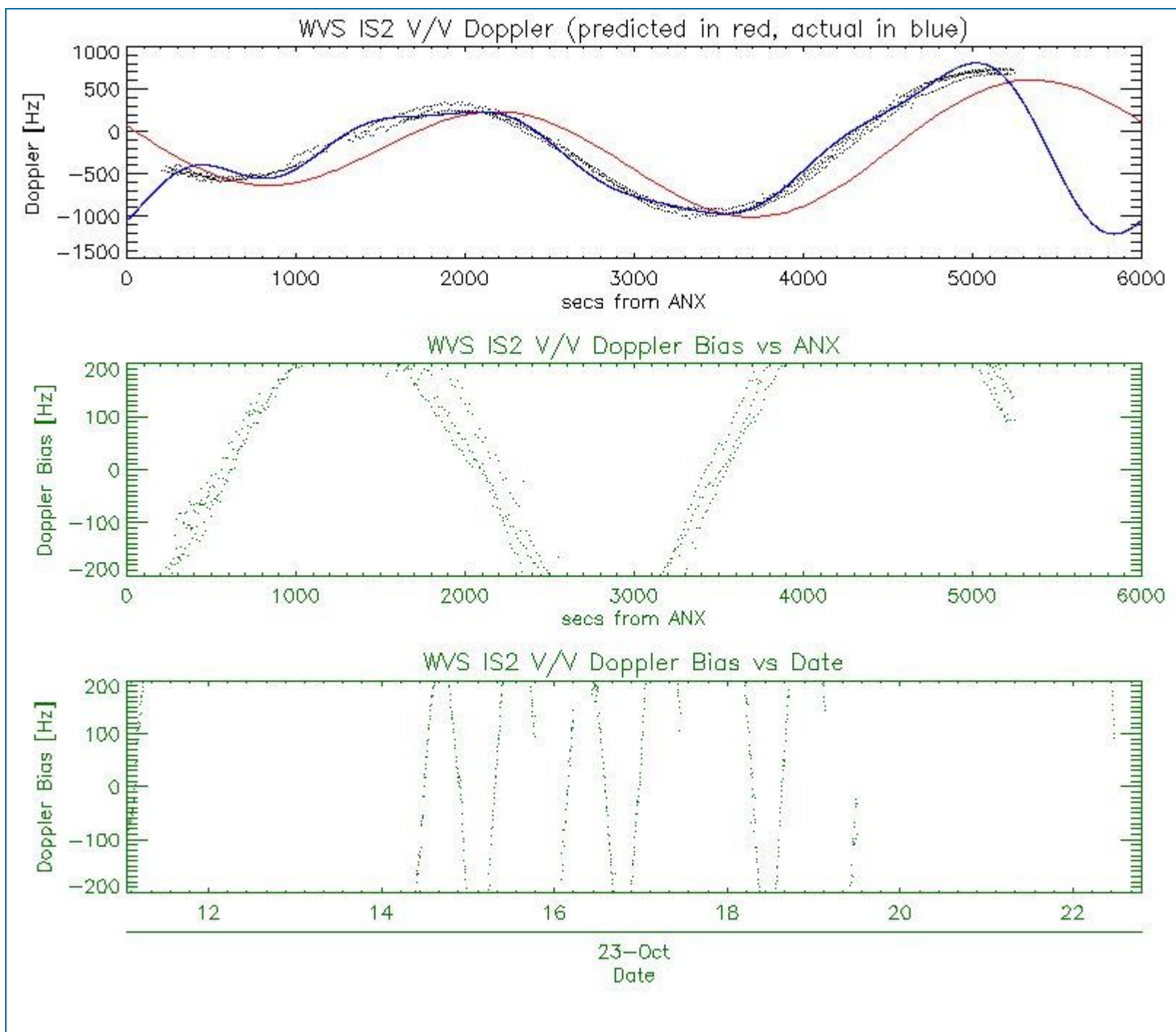
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5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

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5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

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5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

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5.3 - Doppler JUMPS Analysis for WSM

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6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

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6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor

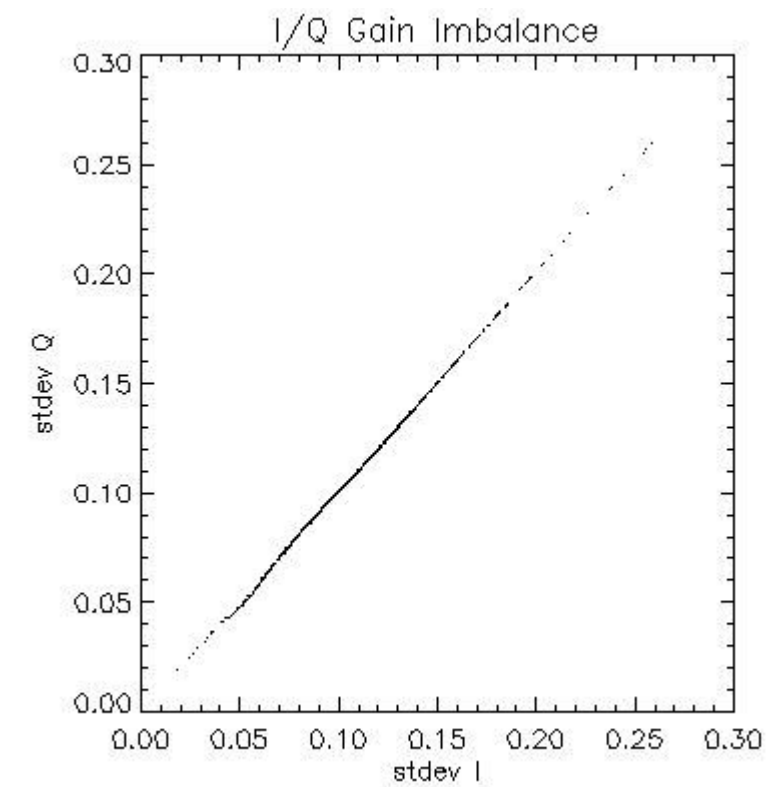
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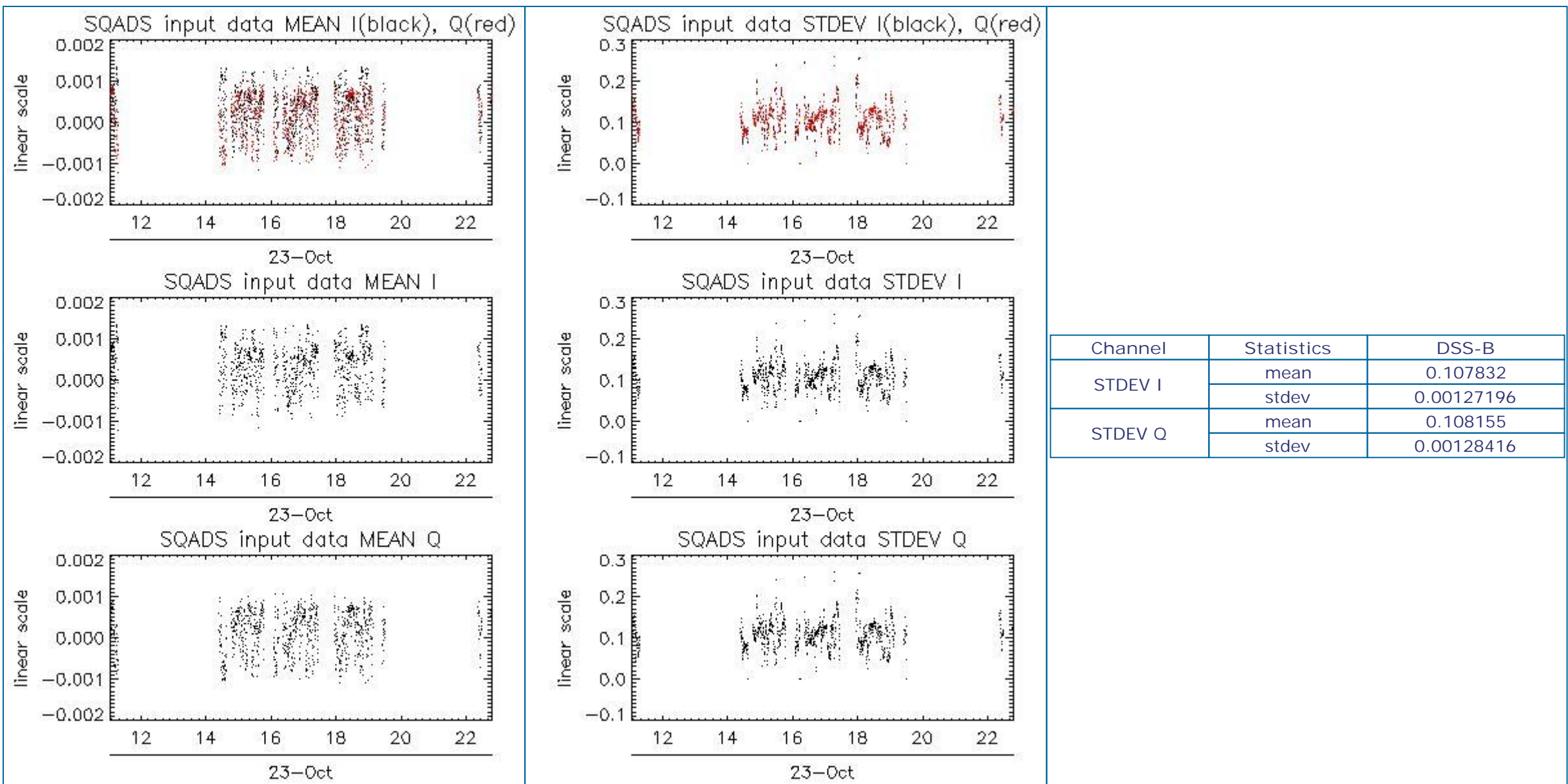
7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

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Channel	Statistics	DSS-B
MEAN I	mean	0.000331268
	stdev	2.77024e-07
MEAN Q	mean	0.000118999
	stdev	2.55192e-07



Channel	Statistics	DSS-B
STDEV I	mean	0.107832
	stdev	0.00127196
STDEV Q	mean	0.108155
	stdev	0.00128416

7.2 - Analysis for IMM

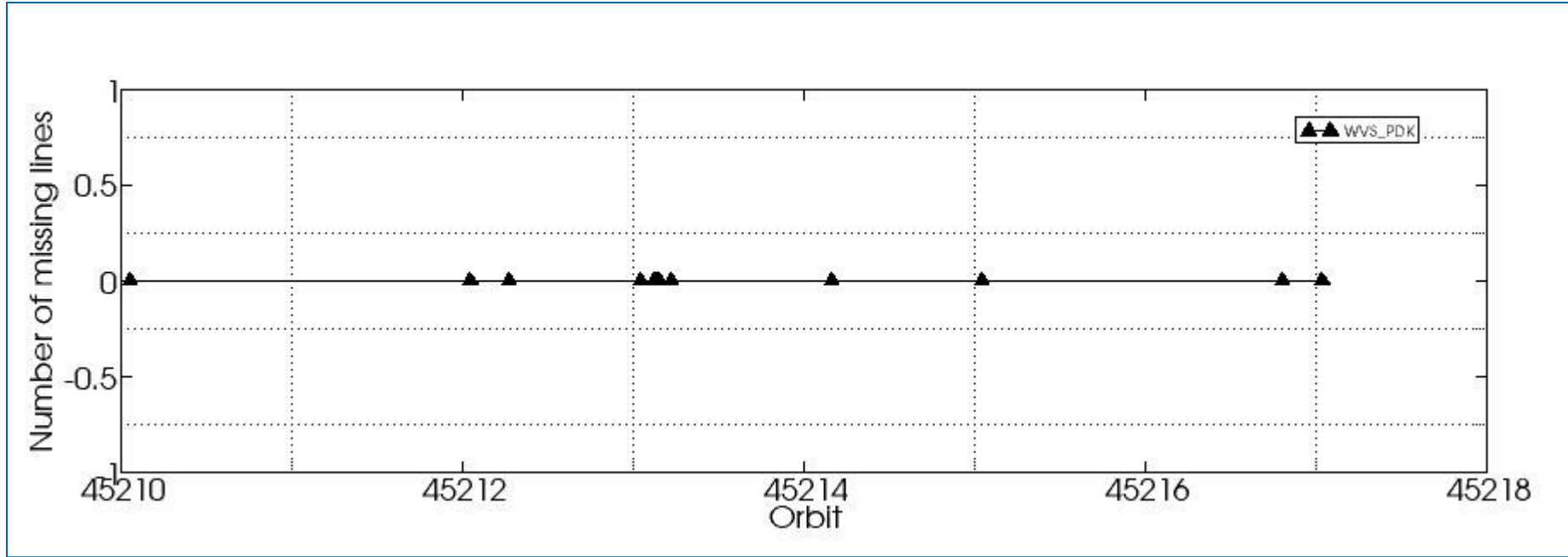
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Channel	Statistics	DSS-B
MEAN I	mean	
	stdev	
MEAN Q	mean	
	stdev	
Channel	Statistics	DSS-B
STDEV I	mean	
	stdev	
STDEV Q	mean	
	stdev	

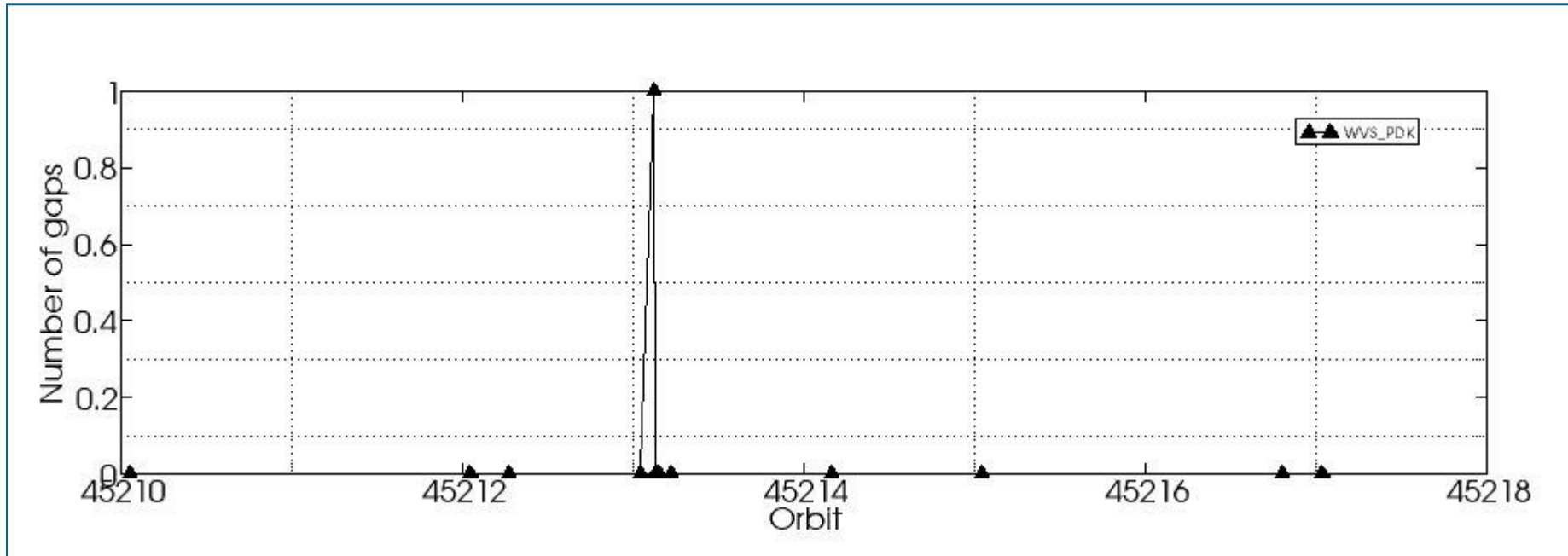
8 - TELEMETRY ANALYSIS

Processing Center	Product	Gaps	Missing lines
PDK	ASA_WVS_1PNPDK20101023_161214_00000002094_00069_45213_4381.N1	1	0

8.1 - Number of Missing lines



8.2 - Number of Gaps



ASAR DAILY REPORT for 101023
#####

MODE: DAILY
ANALYSIS: ALL
DATE: 2010-10-23

Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/

DATA SUMMARY

Summary will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/_101023/DATA_SUMMARY...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_WVS_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_GM1_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_APM_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_IMM_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_WSM_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_MS_products_used.xls...
Writing file ./RESULTS/DAILY/_101023/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed
#####

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/AUXILIARY

Creating directory ./RESULTS/DAILY/_101023/AUXILIARY...

Looking for the IECF operational ADFs list...



ADF filter 20101023*current_3_IECF_ADFs.txt
 Found list 20101023_030001_current_3_IECF_ADFs.txt...
 Extracting ADFs...

ASA_CON_AXVIEC20100608_125449_20100317_120410_20101231_000000
 ASA_INS_AXVIEC20101018_101437_20101022_000000_20101231_235959
 ASA_XCH_AXVIEC20091217_113006_20020301_000000_20101231_000000
 ASA_XCA_AXVIEC20100608_123419_20100317_120410_20110101_000000

Writing file ./RESULTS/DAILY/_101023/AUXILIARY/ASAR_ADFs_IECF_List3.html...
 Writing file ./RESULTS/DAILY/_101023/AUXILIARY/Auxiliary_files_summary.html...

Analysing WVS products...

Writing file ./RESULTS/DAILY/_101023/AUXILIARY/Check_ADFs_WVS.xls...
 Writing file ./RESULTS/DAILY/_101023/AUXILIARY/Check_ADFs_WVS.txt...

ASA_WVS_1PNPDK20101023_110317_000008852094_00066_45210_4255.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_142405_000008252094_00068_45212_4378.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_144650_000036152094_00068_45212_4374.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_160429_000005252094_00069_45213_4377.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_161214_000000002094_00069_45213_4381.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_161244_000000002094_00069_45213_4383.N1	
ASA_WVS_1PNPDK20101023_161259_000000002094_00069_45213_4384.N1	
ASA_WVS_1PNPDK20101023_161314_000000002094_00069_45213_4389.N1	
ASA_WVS_1PNPDK20101023_161414_000000002094_00069_45213_4422.N1	
ASA_WVS_1PNPDK20101023_161429_000000002094_00069_45213_4425.N1	
ASA_WVS_1PNPDK20101023_161459_000000002094_00069_45213_4434.N1	
ASA_WVS_1PNPDK20101023_161514_000000002094_00069_45213_4446.N1	
ASA_WVS_1PNPDK20101023_162159_000039302094_00069_45213_4477.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_175638_000042762094_00070_45214_4482.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_192517_000002992094_00071_45215_4483.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_222157_000004052094_00072_45216_4598.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK
ASA_WVS_1PNPDK20101023_224605_000000892094_00073_45217_4596.N1	ASA_CON -> OKASA_INS -> OKASA_XCH -> OKASA_XCA -> OK

Analysing GM1 products...

No GM1 products available for the selected period...

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 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/MODULE_STEPPING

Creating directory ./RESULTS/DAILY/_101023/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/_101023/MODULE_STEPPING/FIRST_REFERENCE...
Creating directory ./RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...

Creating images comparing with second reference...

Exporting results to the directory ../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20010209_135042_00000009A024_00180_11700_0052.N1
Test product: ASA_MS__0PNPDK20101021_062624_000000162094_00034_45178_0231.N1
H
H

../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/TGH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/TPH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/RGH_20101021_062624-20010209_135042.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/RPH_20101021_062624-20010209_135042.png

Polarization: V
Reference product: ASA_MS__0PNPDK20010209_140823_00000009A024_00180_11700_0054.N1
Test product: ASA_MS__0PNPDK20101020_170137_000000162094_00026_45170_0230.N1
V
V

../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/TGV_20101020_170137-20010209_140823.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/TPV_20101020_170137-20010209_140823.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/RGV_20101020_170137-20010209_140823.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/SECOND_REFERENCE/RPV_20101020_170137-20010209_140823.png

Creating images comparing with previous product reference...

Exporting results to the directory ../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...

Polarization: H
Reference product: ASA_MS__0PNPDK20101019_173314_000000162094_00012_45156_0229.N1
Test product: ASA_MS__0PNPDK20101021_062624_000000162094_00034_45178_0231.N1
H
H

../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20101021_062624-20101019_173314.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20101021_062624-20101019_173314.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20101021_062624-20101019_173314.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20101021_062624-20101019_173314.png

Polarization: V
Reference product: ASA_MS__0PNPDK20101018_180451_000000162093_00499_45142_0228.N1
Test product: ASA_MS__0PNPDK20101020_170137_000000162094_00026_45170_0230.N1
V
V

../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20101020_170137-20101018_180451.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20101020_170137-20101018_180451.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20101020_170137-20101018_180451.png
../../RESULTS/DAILY/_101023/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20101020_170137-20101018_180451.png

MODULE_STEPPING ANALYSIS completed

#####

CALIBRATION PULSES ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101023/CALIBRATION_PULSES...

ALL ROWS Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59

Analysing products WVS IS2 V/V

Writing image ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Calibration_pulses_all_rows_WVS_IS2_VV.png...

Analysing products GM1 SS3 H/H

*** No Data ***

TEMPORAL EVOLUTION Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-23_1.dat...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_1.png...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_1.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-23_2.dat...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_2.png...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_2.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-23_3.dat...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_3.png...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_3.png...

Getting calibration pulses data for WVS IS2 V/V from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2010-10-23_4.dat...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Average_P1_P1a_P2_P3_WVS_IS2_VV_4.png...

Writing ../../RESULTS/DAILY/_101023//CALIBRATION_PULSES/Transmit_Power_WVS_IS2_VV_4.png...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 1/5/9/13/17/21/25/29

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-23_1.dat...

No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 2/6/10/14/18/22/26/30

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-23_2.dat...

No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 3/7/11/15/19/23/27/31

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-23_3.dat...

No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59. Rows: 4/8/12/16/20/24/28/32

Writing file ./RESULTS/DAILY/_101023/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2010-10-23_4.dat...

No data to be processed for GM1 SS3 H/H...

CALIBRATION PULSES ANALYSIS completed

#####

DOPPLER ANALYSIS

#####

Creating directory ./RESULTS/DAILY/_101023/DOPPLER...

DOPPLER ANX Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...

Writing file ./RESULTS/DAILY/_101023/DOPPLER/Doppler_data_WVS_IS2_VV_2010-10-23.dat...

Running IDL program...

Writing file ../../RESULTS/DAILY/_101023/DOPPLER/DOPPLER_ANX_WVS_IS2_VV.png...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...

Writing file ./RESULTS/DAILY/_101023/DOPPLER/Doppler_data_GM1_SS1_HH_2010-10-23.dat...

No data to be processed for GM1 SS1 H/H...

DOPPLER JUMPS Analysis will be performed on WSM products from 2010-10-23 00:00:00 to 2010-10-23 23:59:59

Analysing by default products WSM

Getting doppler jumps data for WSM from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...

Writing file ./RESULTS/DAILY/_101023/DOPPLER/Doppler_Jumps_data_WSM_2010-10-23.dat...

No data to be processed for WSM...

DOPPLER MAP Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 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 = 39.728225 Hz

Writing file ../../RESULTS/DAILY/_101023//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_desc.jpg...

Writing file ../../RESULTS/DAILY/_101023//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_desc.jpg...

Loading predicted doppler values....

Phase: ascending

Found data...

Computing mean error doppler estimated-predicted...

Mean error = 176.59570 Hz

Writing file ../../RESULTS/DAILY/_101023//DOPPLER/DOPPLER_Estimated-Predicted-MeanError_WVS_IS2_VV_asc.jpg...

Writing file ../../RESULTS/DAILY/_101023//DOPPLER/DOPPLER_Absolute_WVS_IS2_VV_asc.jpg...

Analysing products GM1 SS1 H/H

*** Insufficient Data to Plot ***

*** Insufficient Data to Plot ***

DOPPLER ANALYSIS completed

#####

CHIRP ANALYSIS

Creating directory ./RESULTS/DAILY/_101023/CHIRP...

CHIRP Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59

Analysing products WSM SS1 H/H

Getting ScaleFactor data for WSM SS1 H/H from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/CHIRP/ScaleFactor_data_WSM_SS1_HH_2010-10-23.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 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/CHIRP/ScaleFactor_data_WSM_SS1_VV_2010-10-23.dat...
ScaleFactor: no data to be processed for WSM SS1 V/V...

CHIRP ANALYSIS completed
#####

RAW DATA ANALYSIS

Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/RAW_DATA

Creating directory ./RESULTS/DAILY/_101023/RAW_DATA...

Getting raw data for WVS from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/RAW_DATA/Raw_data_WVS_2010-10-23.dat...
Running IDL program to create graphs...

Creating image ../RESULTS/DAILY/_101023/RAW_DATA/Raw_data_WVS_input_mean.png...
Creating image ../RESULTS/DAILY/_101023/RAW_DATA/Raw_data_WVS_input_stdev.png...
Creating image ../RESULTS/DAILY/_101023/RAW_DATA/Raw_data_WVS_gain_imbalance.png...

Getting raw data for IMM from 2010-10-23 00:00:00 to 2010-10-23 23:59:59...
Writing file ./RESULTS/DAILY/_101023/RAW_DATA/Raw_data_IMM_2010-10-23.dat...
No data to be processed for IMM...

RAW DATA ANALYSIS completed
#####

TELEMETRY ANALYSIS

Analysis will be performed from 2010-10-23 00:00:00 to 2010-10-23 23:59:59
Results will be exported to the directory: ./RESULTS/DAILY/_101023/TELEMETRY

Creating directory ./RESULTS/DAILY/_101023/TELEMETRY...

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

No products from PDE...
Checking 17 products from PDK...
Found product...ASA_WVS_1PNPDK20101023_161214_00000002094_00069_45213_4381.N1 / 1 gaps / 0 missing lines

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

No products from PDE...
No 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/_101023/TELEMETRY/TELEMETRY_Missing_lines.png...
Creating image: ./RESULTS/DAILY/_101023/TELEMETRY/TELEMETRY_Gaps.png...

TELEMETRY ANALYSIS completed
#####

HTML REPORT generation
#####

Building file ./RESULTS/DAILY/_101023/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...

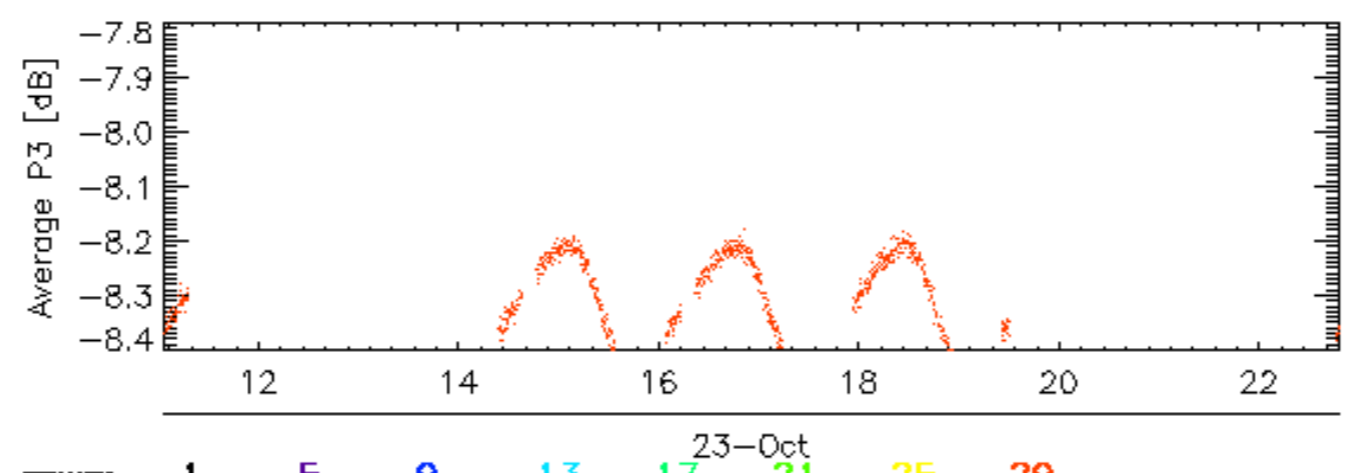
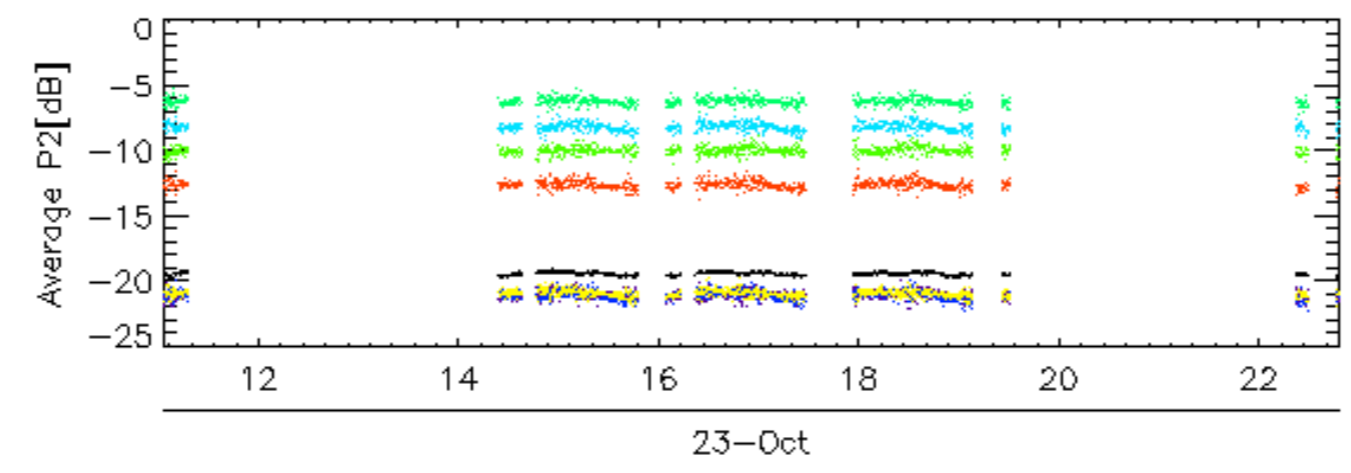
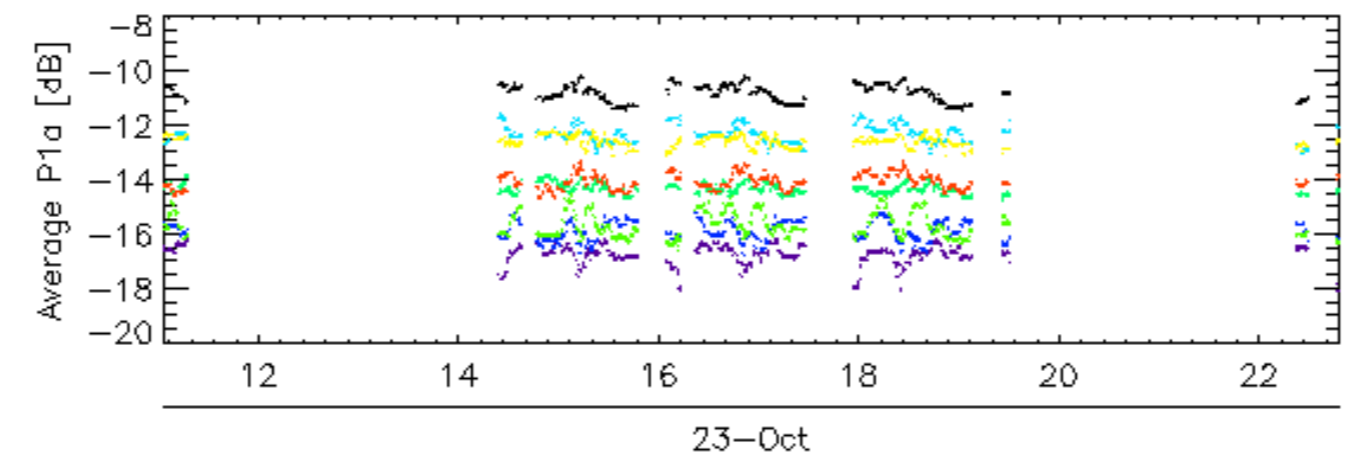
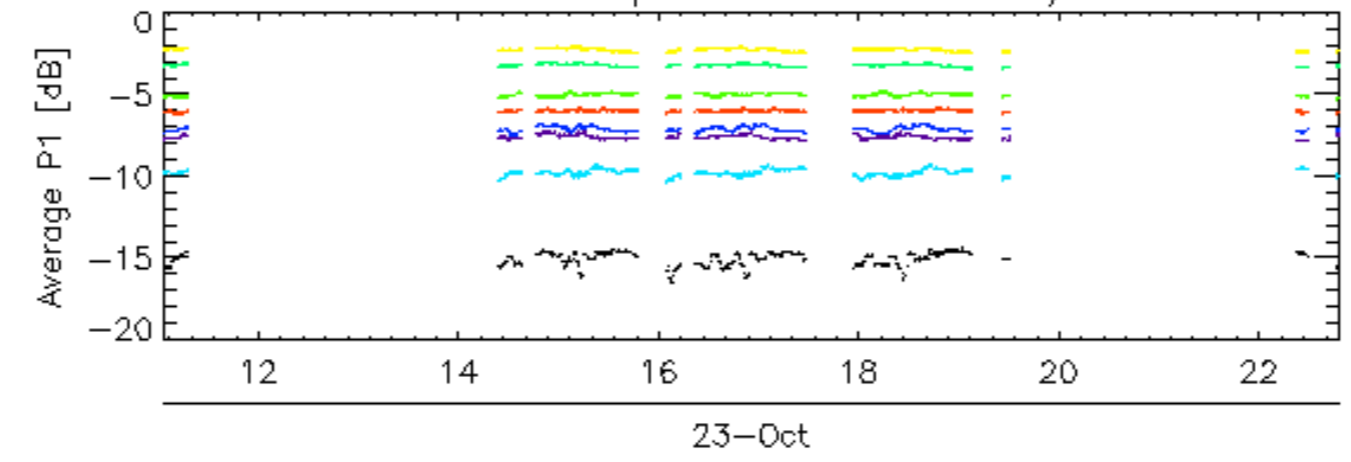
HTML REPORT generation completed
#####



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

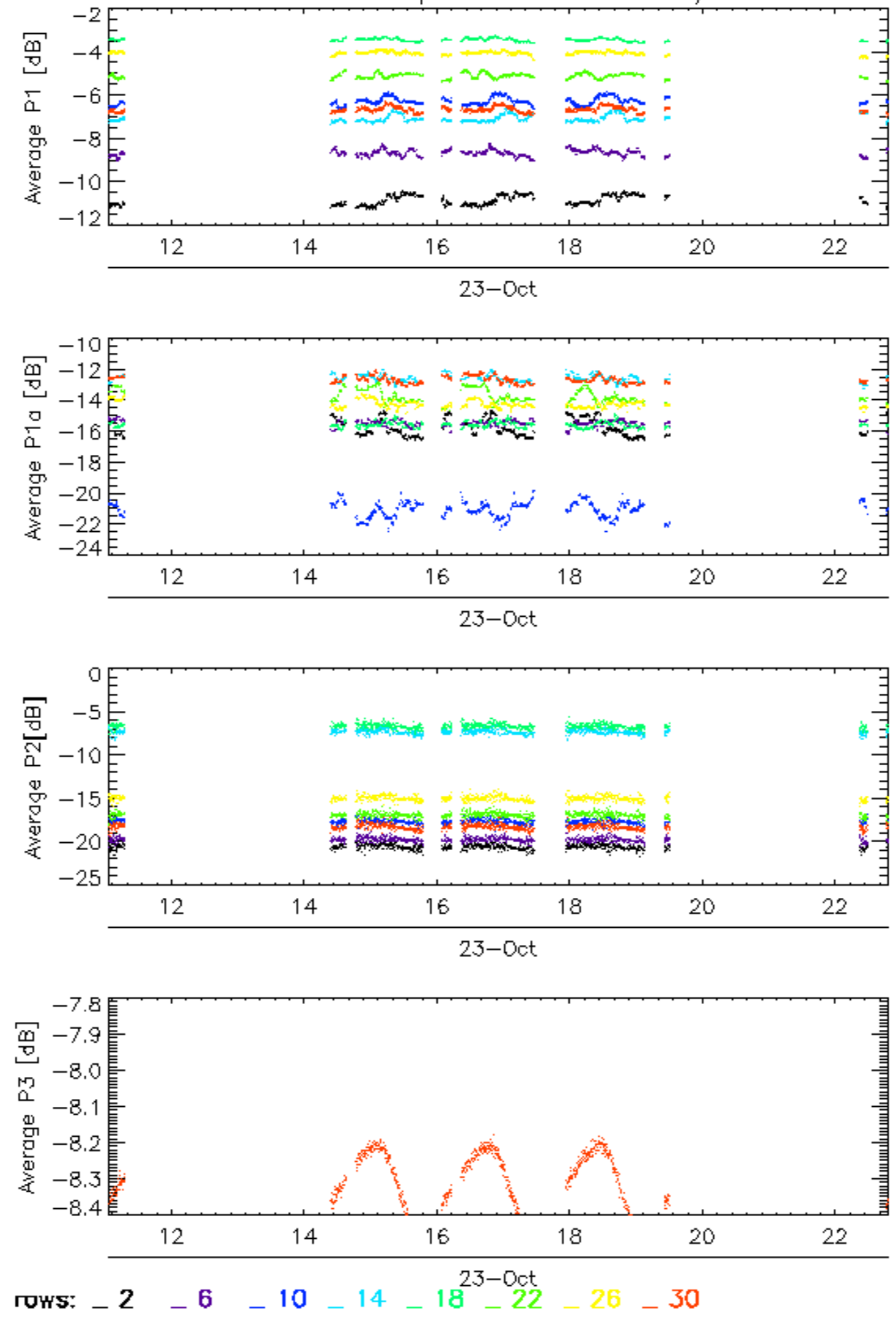
Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA				
ASA_WVS_1PNPDK20101023_110317_000008852094_00066_45210_4255.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_142405_000008252094_00068_45212_4378.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_144650_000036152094_00068_45212_4374.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_160429_000005252094_00069_45213_4377.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_161214_000000002094_00069_45213_4381.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_161244_000000002094_00069_45213_4383.N1								
ASA_WVS_1PNPDK20101023_161259_000000002094_00069_45213_4384.N1								
ASA_WVS_1PNPDK20101023_161314_000000002094_00069_45213_4389.N1								
ASA_WVS_1PNPDK20101023_161414_000000002094_00069_45213_4422.N1								
ASA_WVS_1PNPDK20101023_161429_000000002094_00069_45213_4425.N1								
ASA_WVS_1PNPDK20101023_161459_000000002094_00069_45213_4434.N1								
ASA_WVS_1PNPDK20101023_161514_000000002094_00069_45213_4446.N1								
ASA_WVS_1PNPDK20101023_162159_000039302094_00069_45213_4477.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_175638_000042762094_00070_45214_4482.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_192517_000002992094_00071_45215_4483.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_222157_000004052094_00072_45216_4598.N1					OK	OK	OK	OK
ASA_WVS_1PNPDK20101023_224605_000000892094_00073_45217_4596.N1					OK	OK	OK	OK

Calibration pulses for WVS IS2 V/V

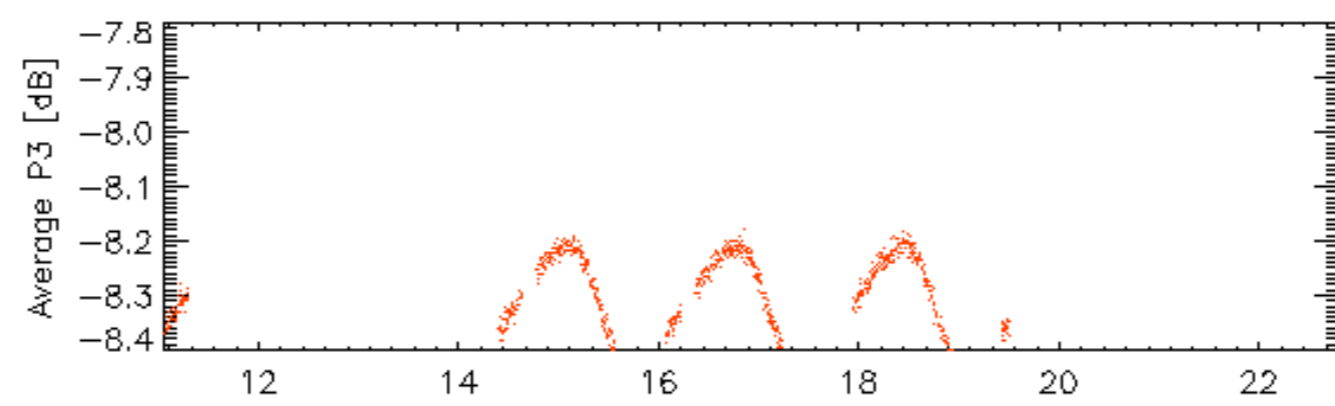
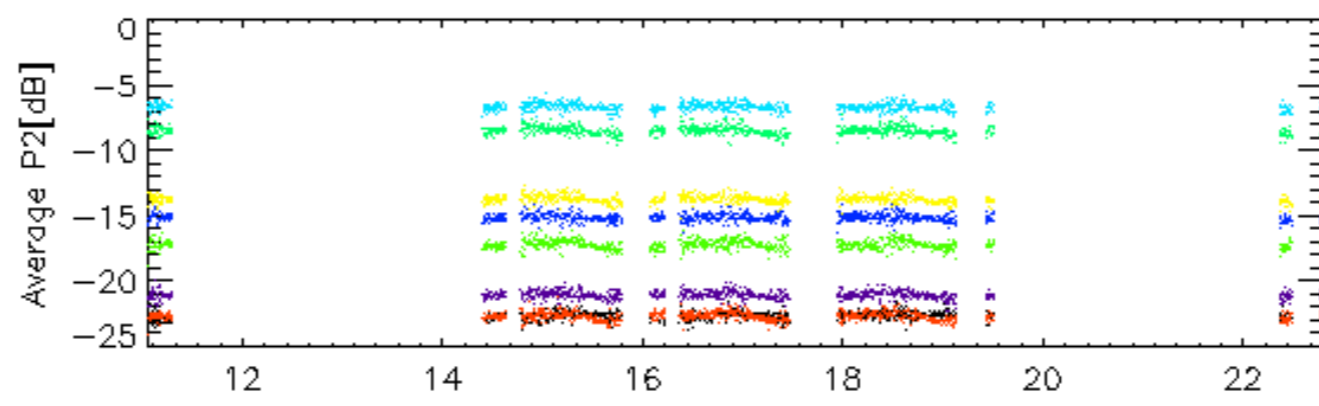
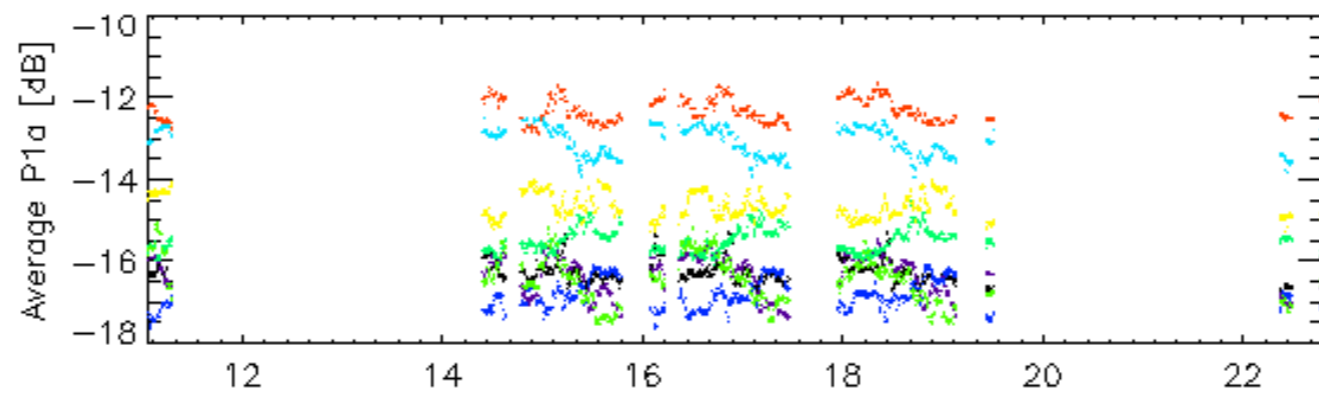
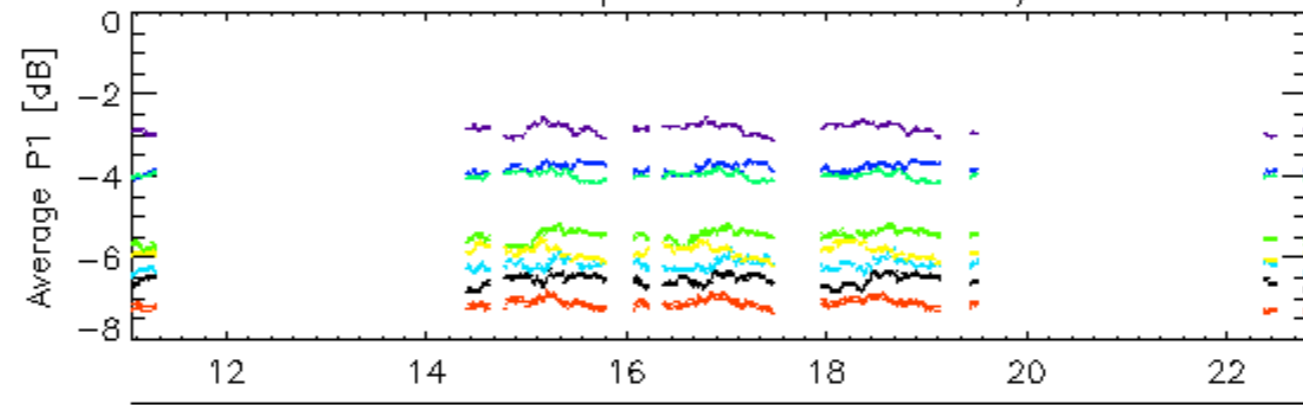


rows: _ 1 _ 5 _ 9 _ 13 _ 17 _ 21 _ 25 _ 29

Calibration pulses for WVS IS2 V/V

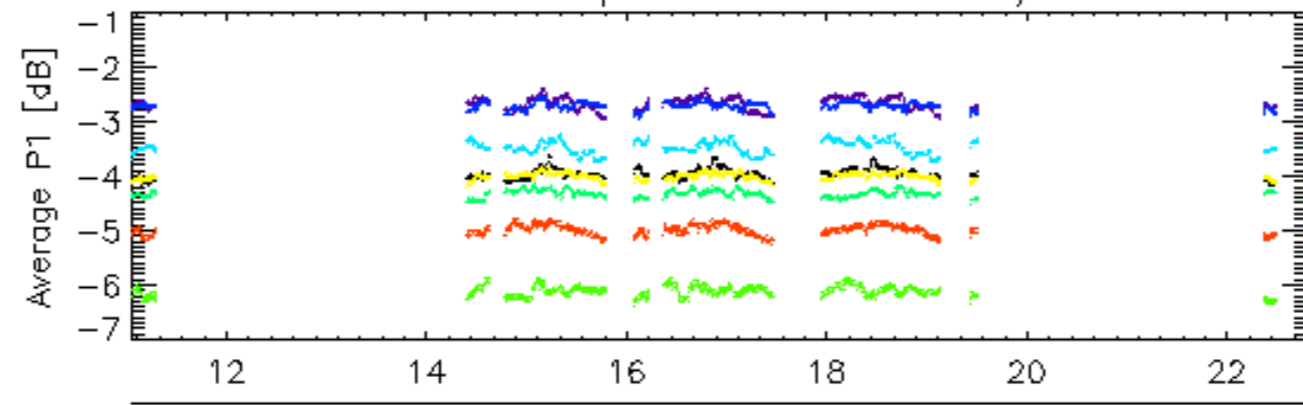


Calibration pulses for WVS IS2 V/V

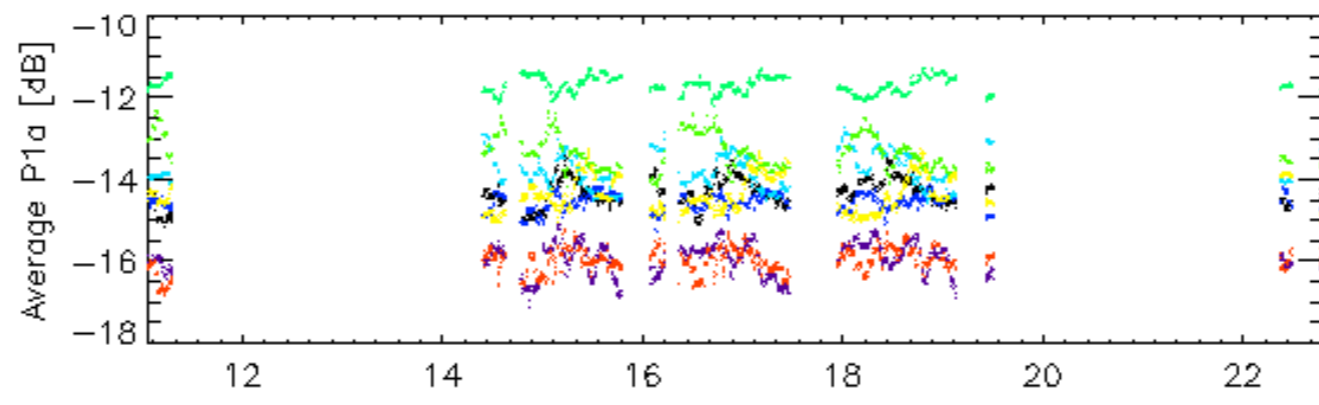


rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 23 _ 27 _ 31

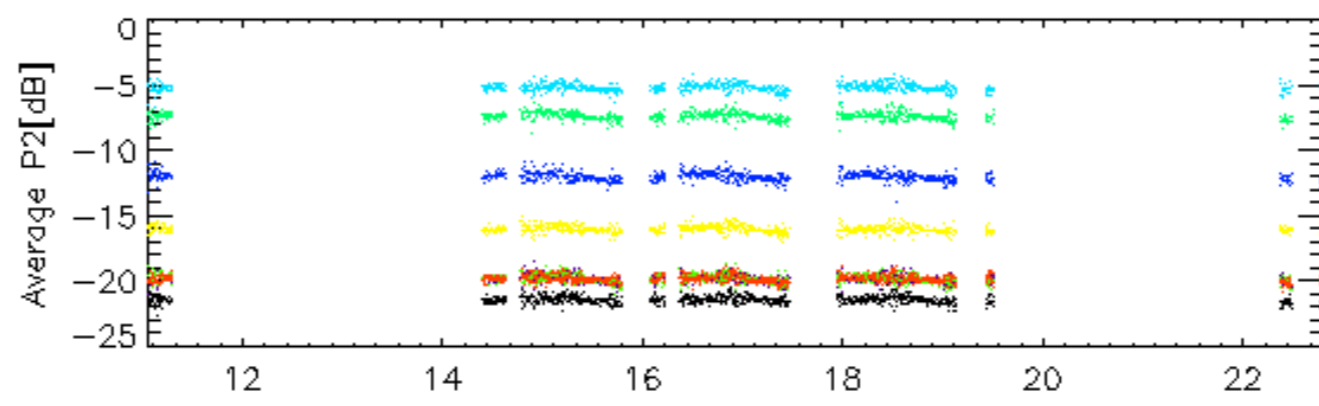
Calibration pulses for WVS IS2 V/V



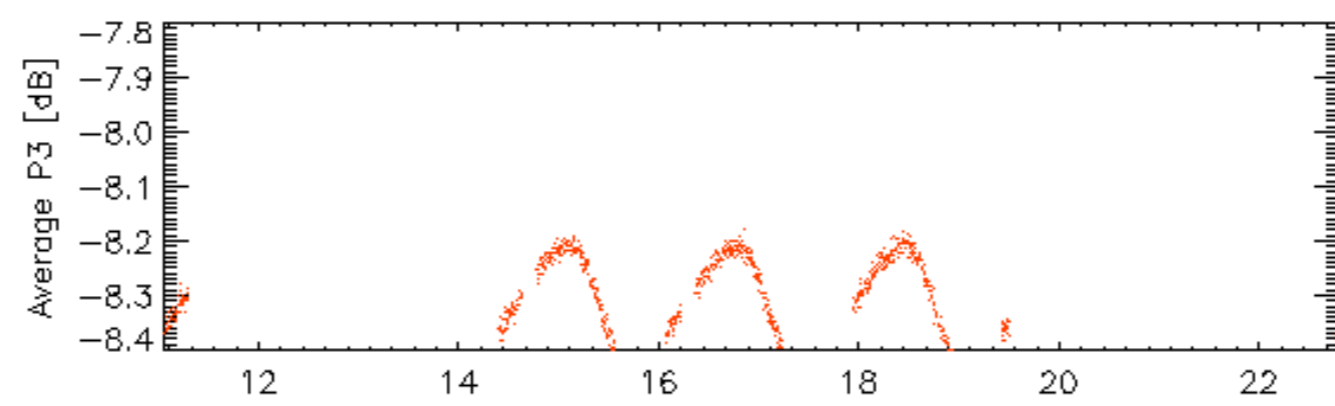
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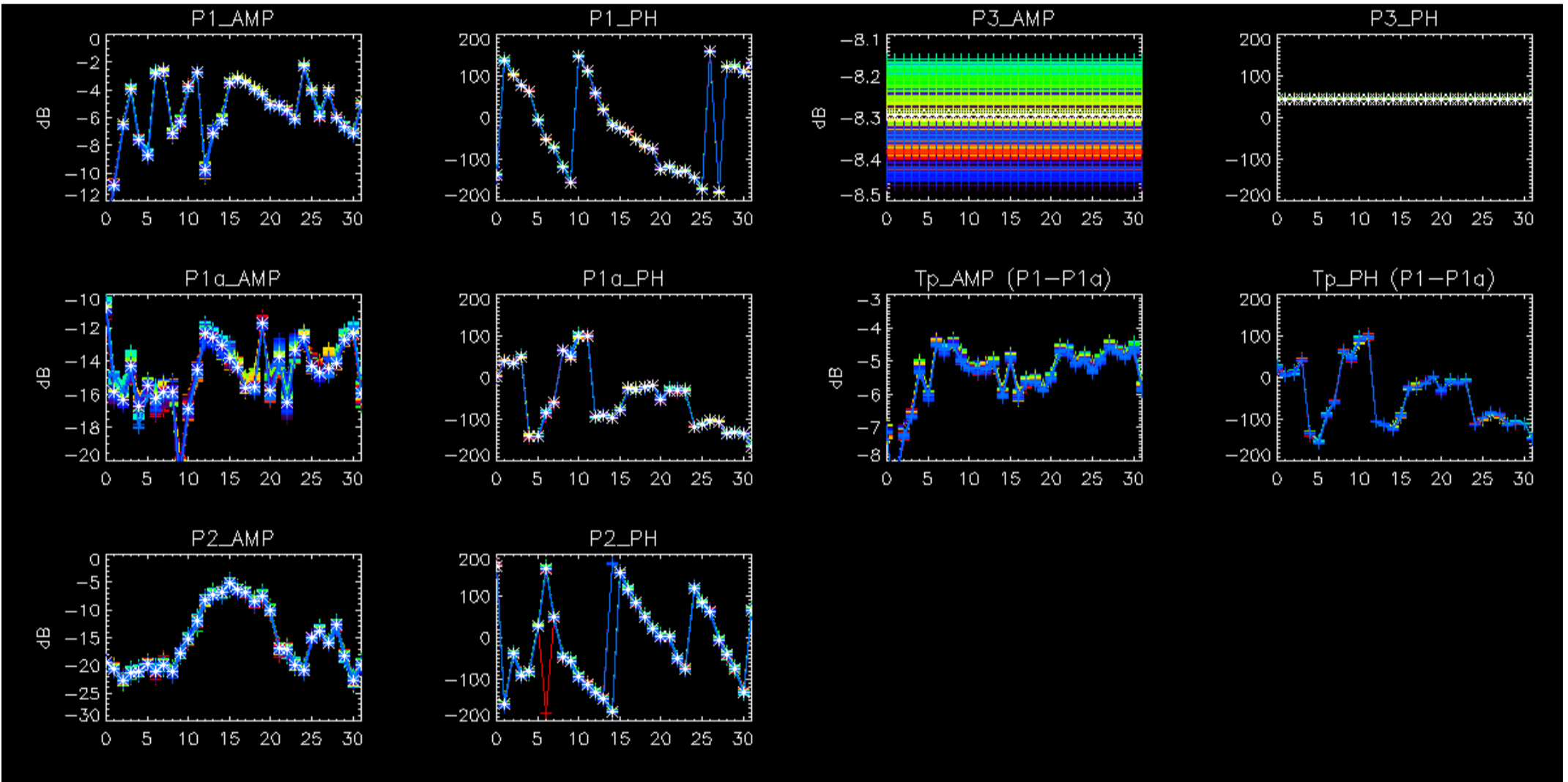


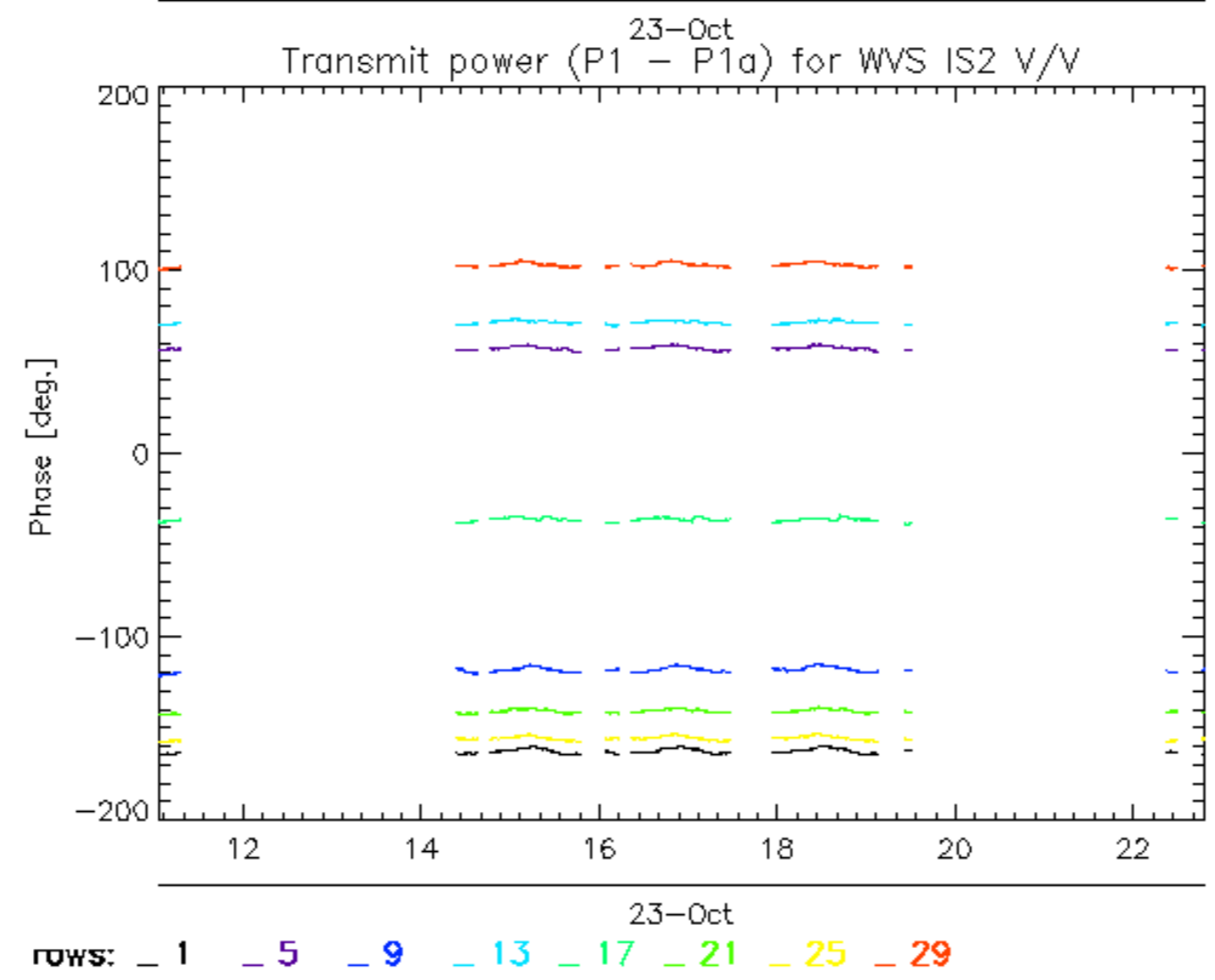
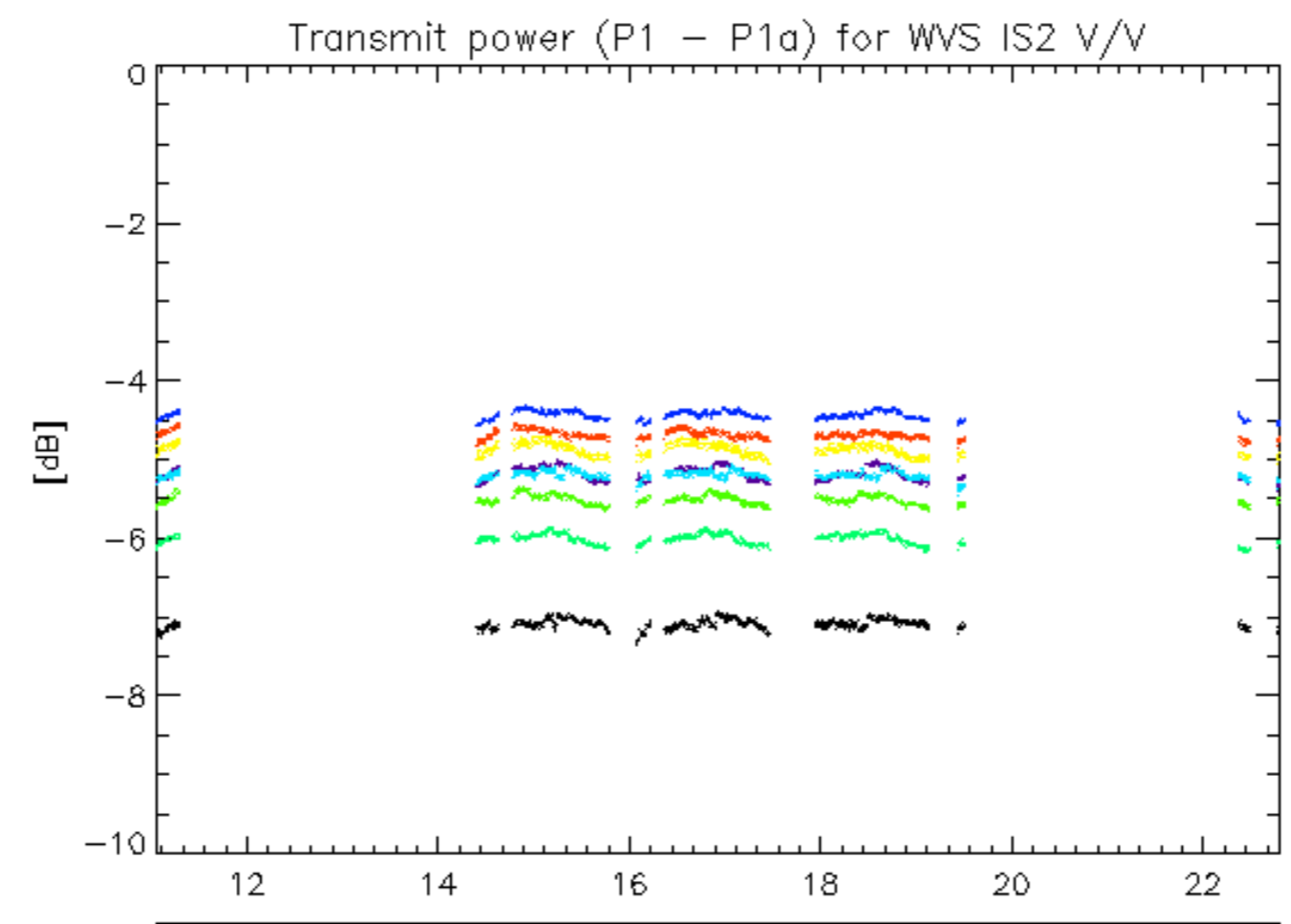
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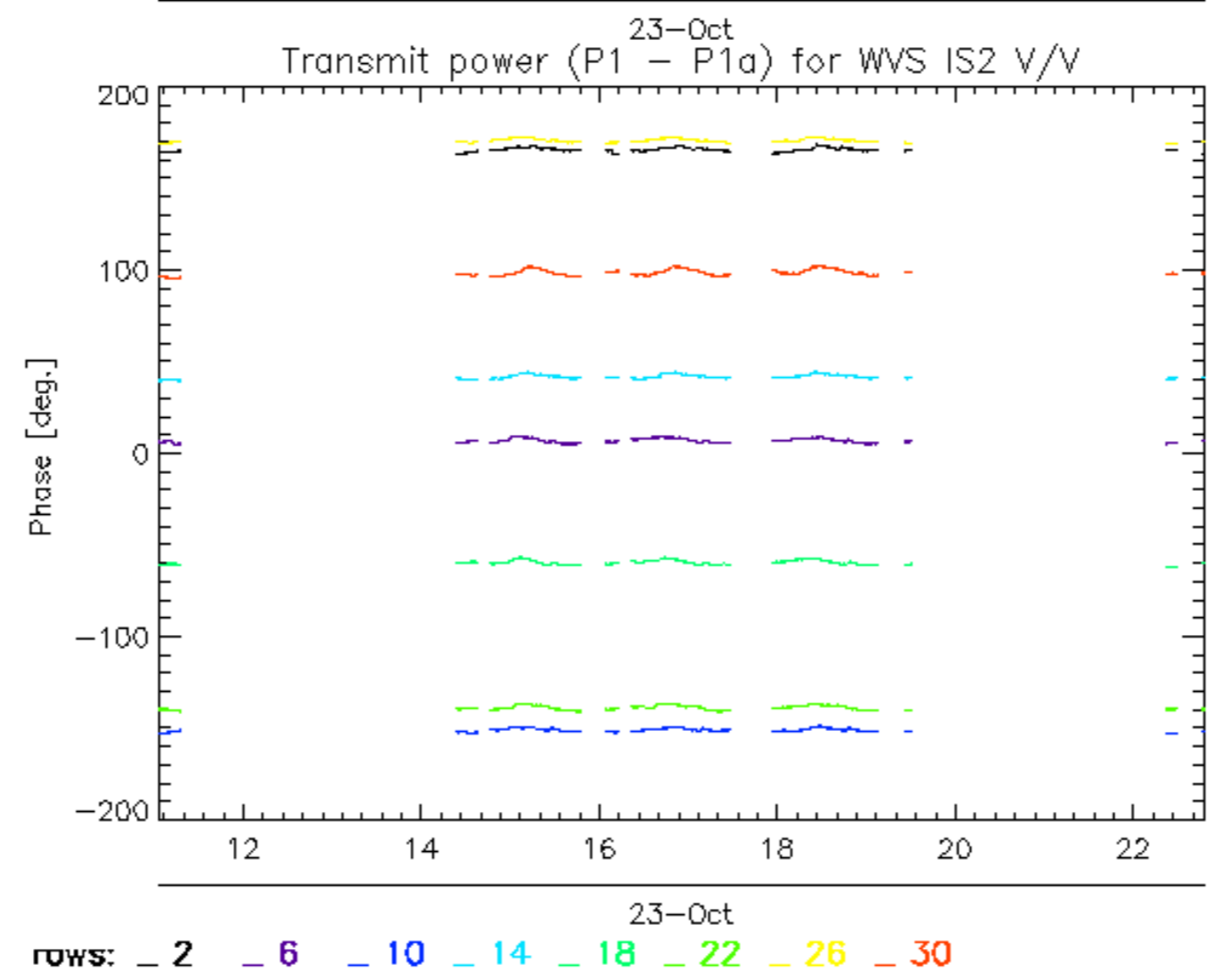
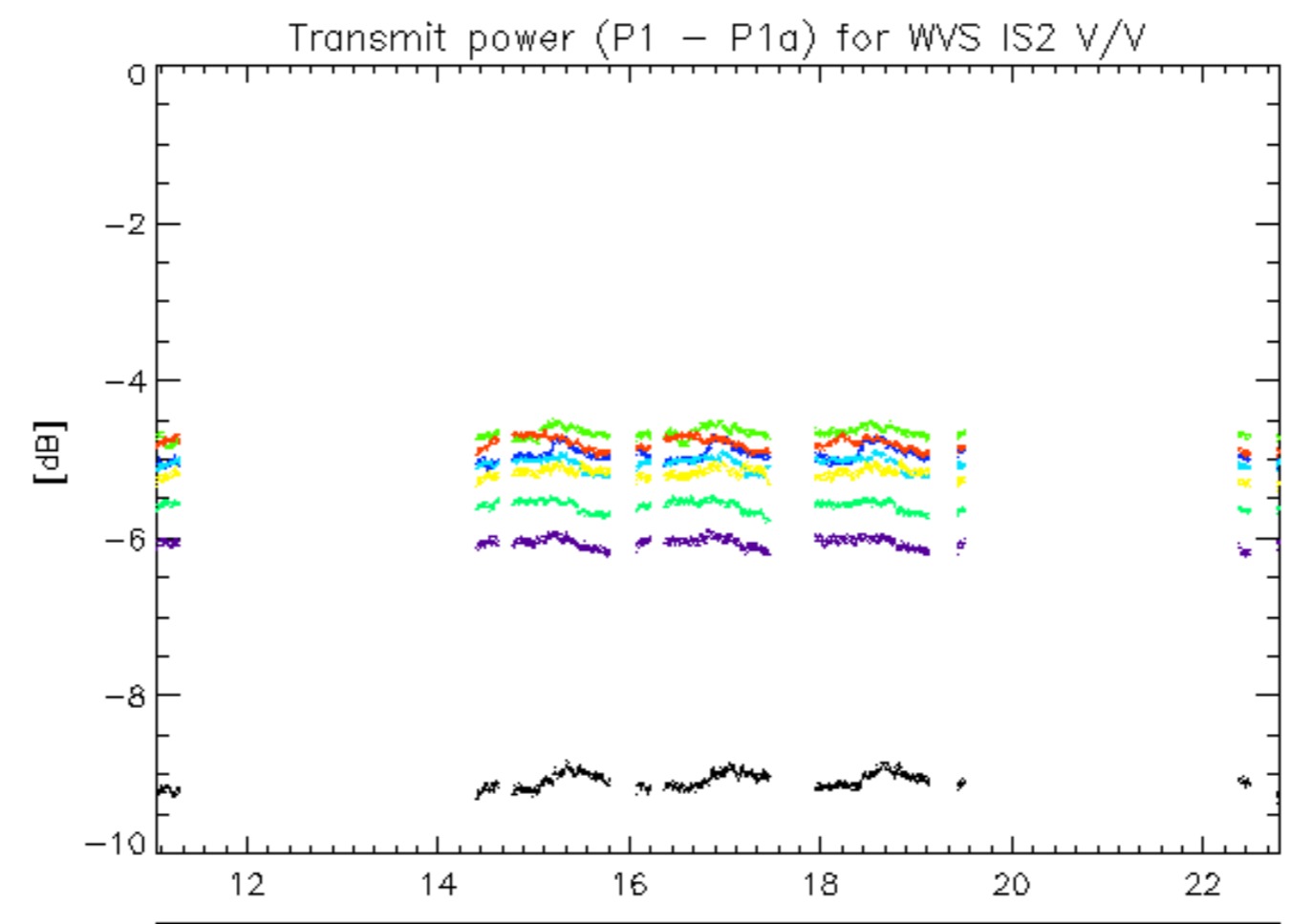


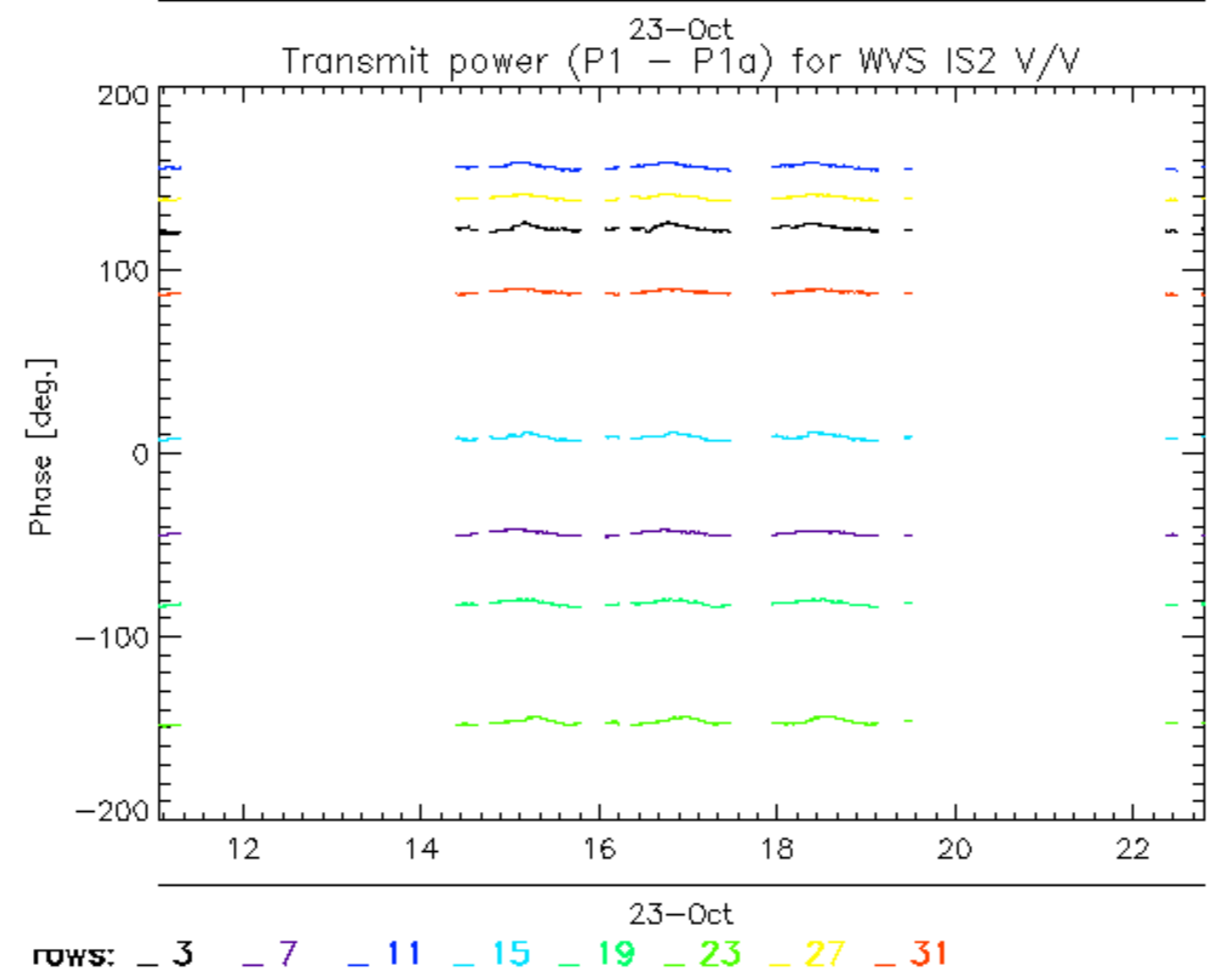
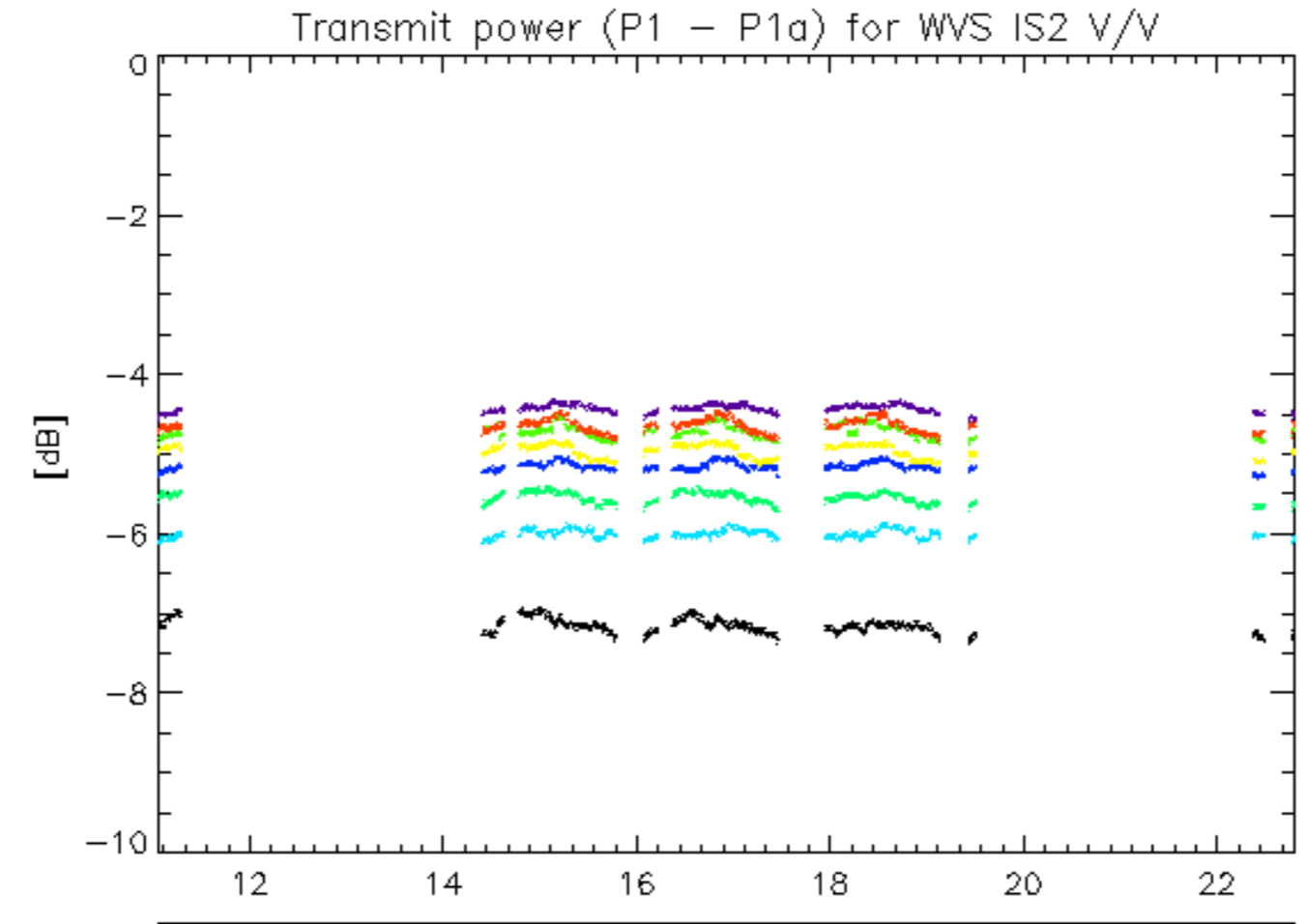
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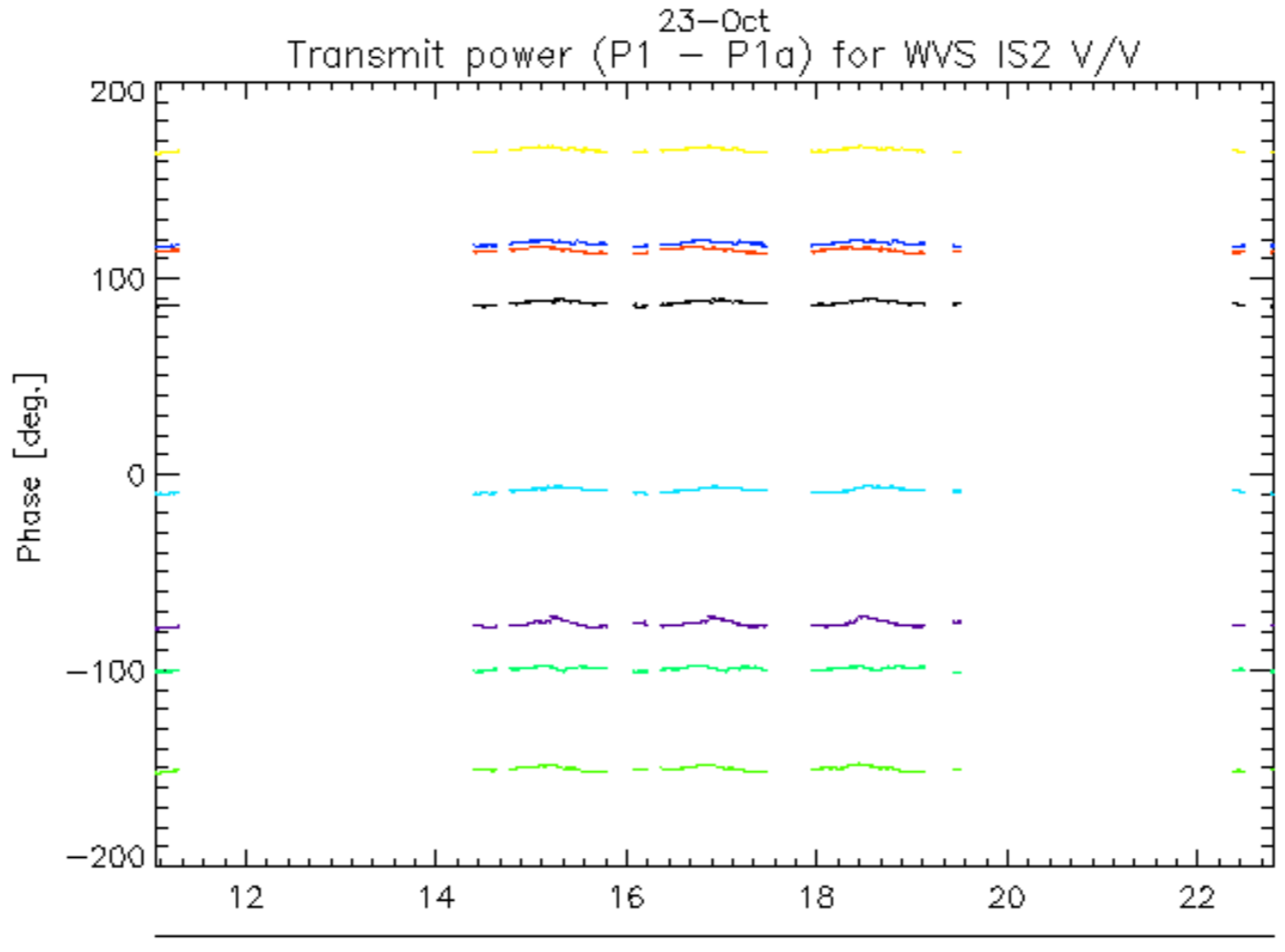
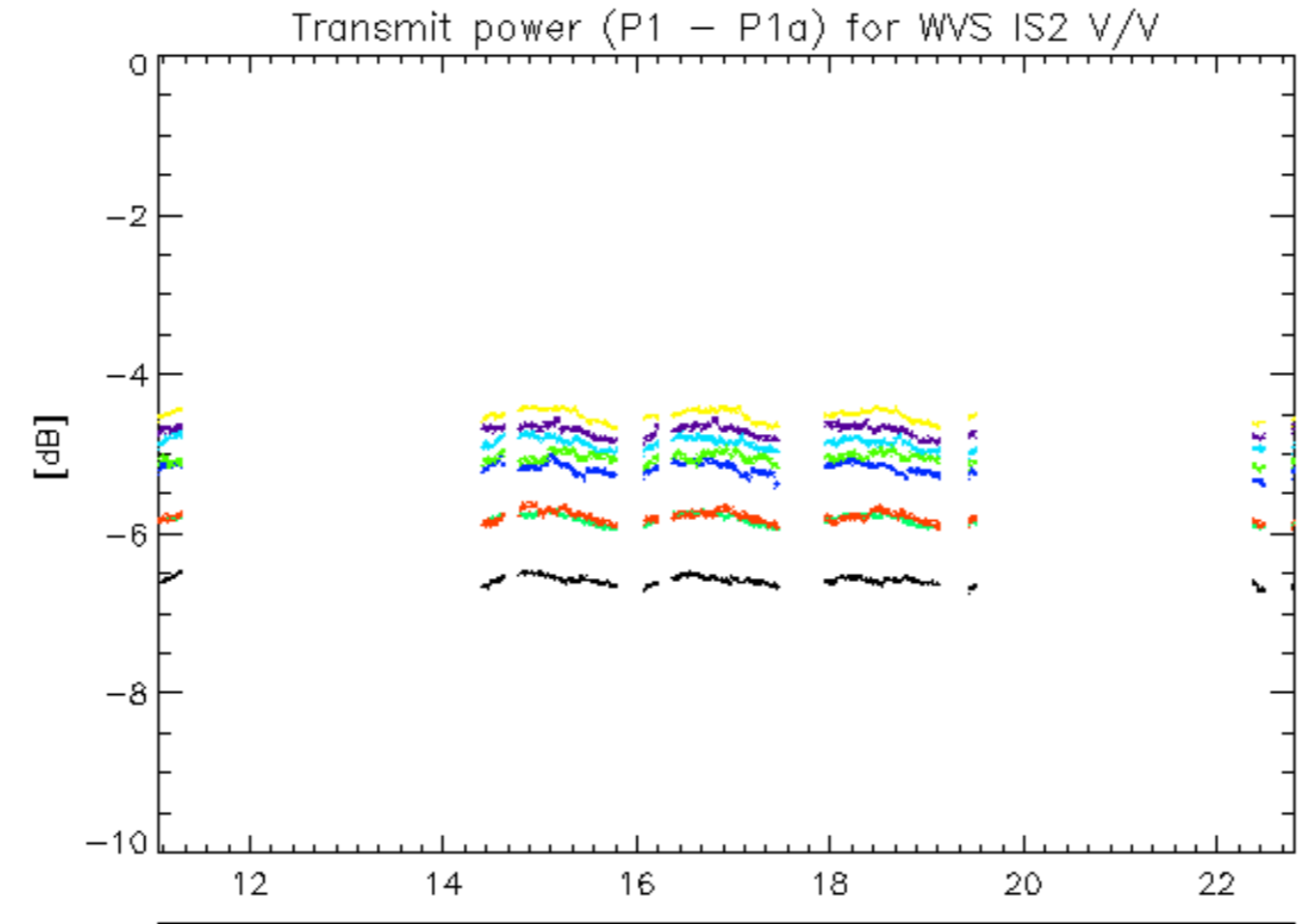
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32





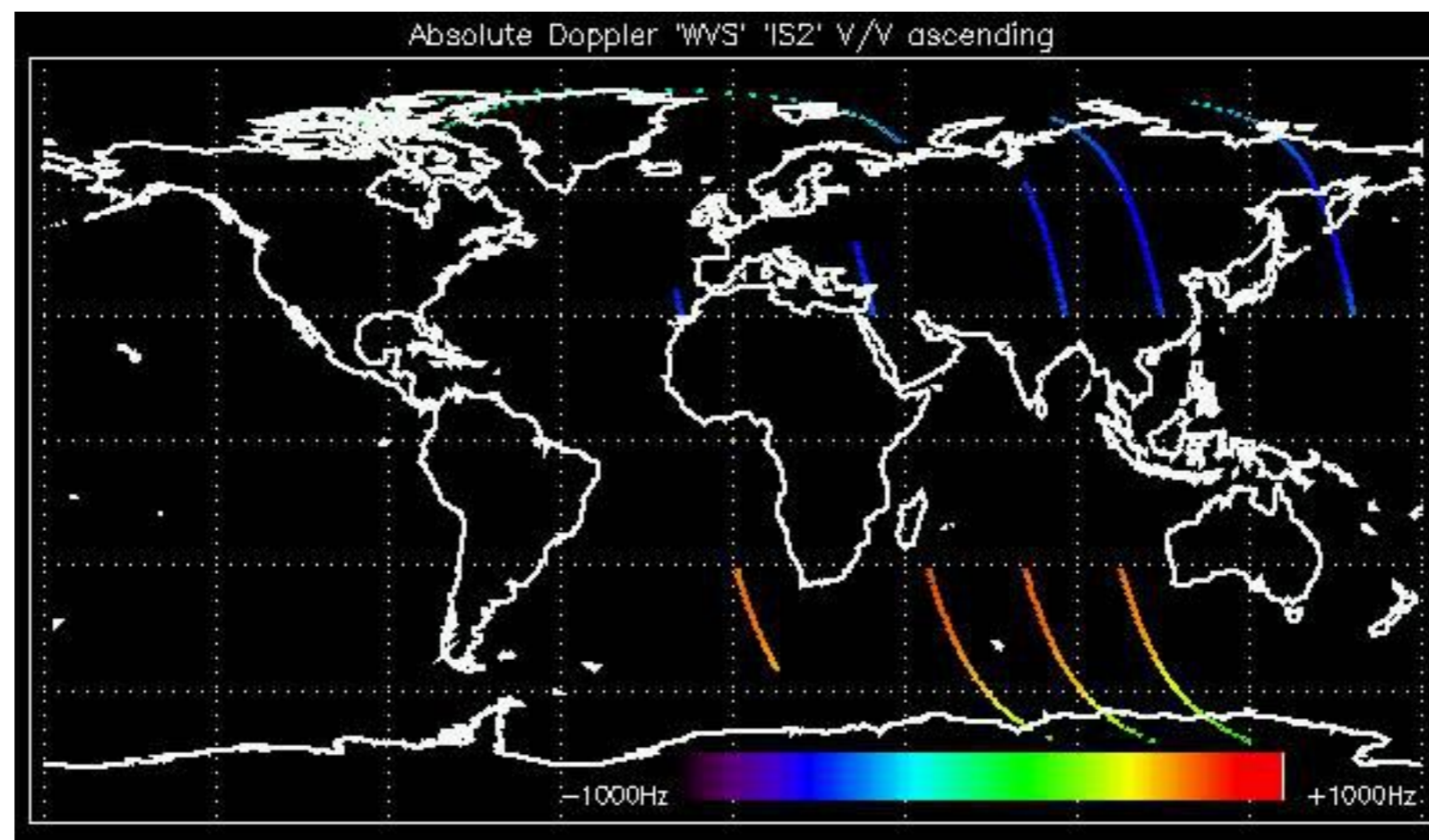


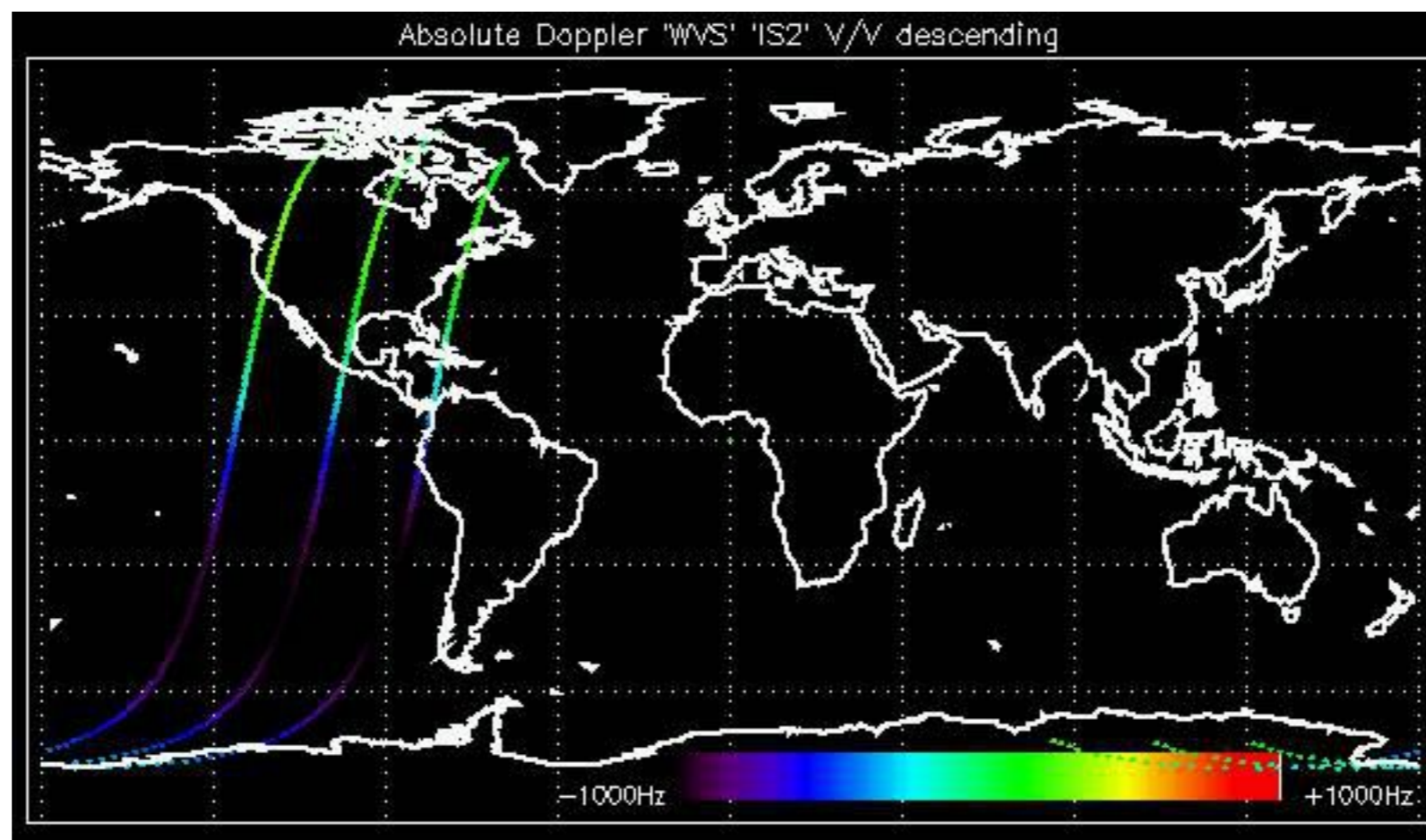


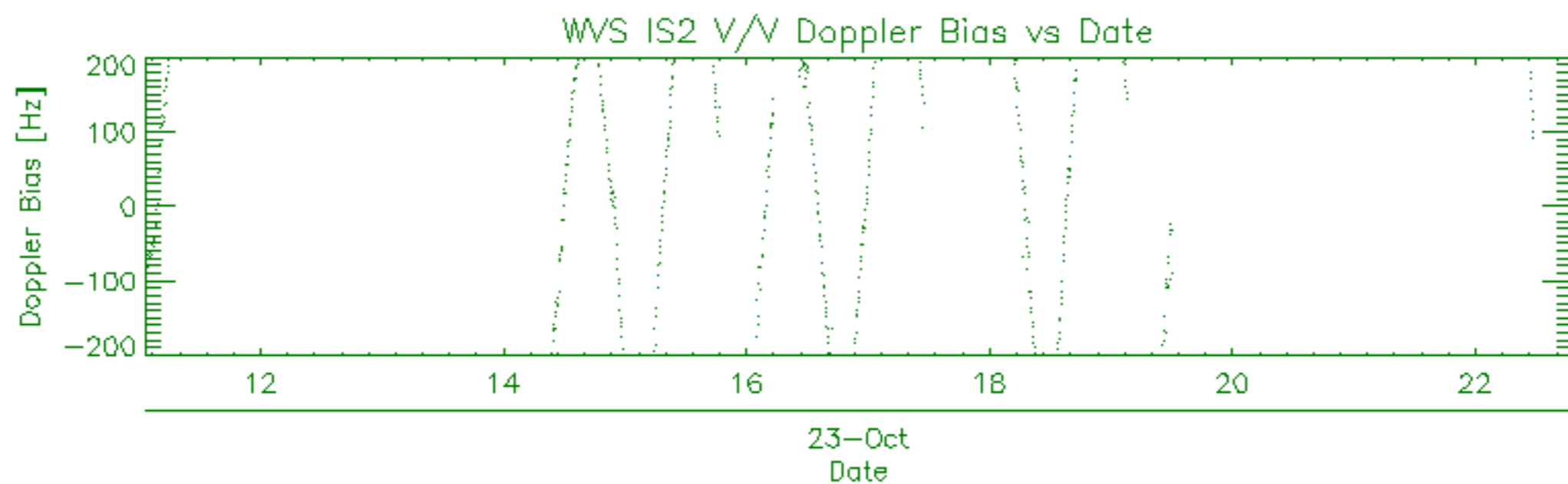
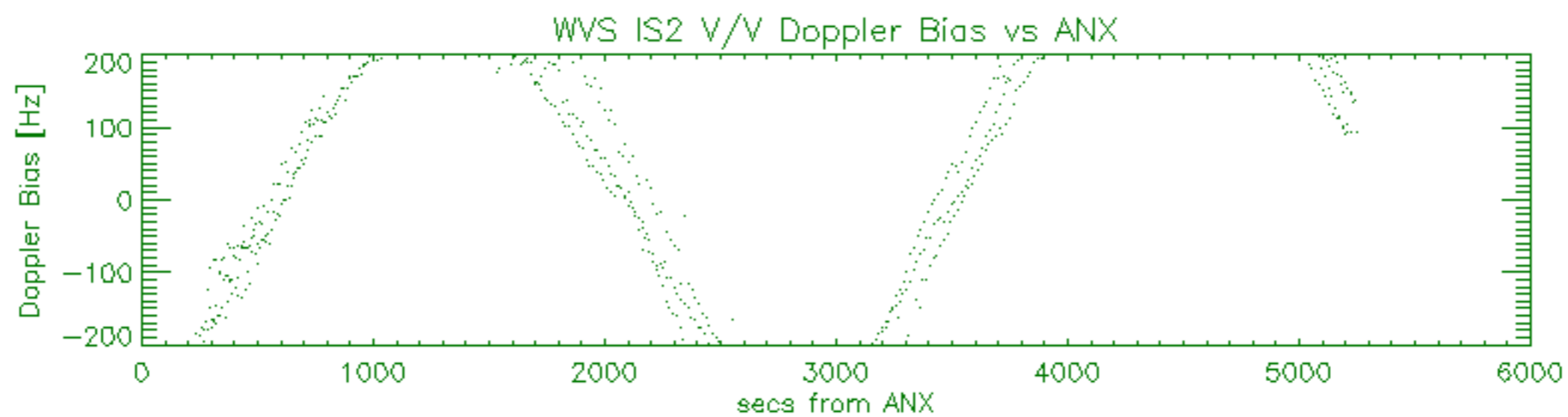
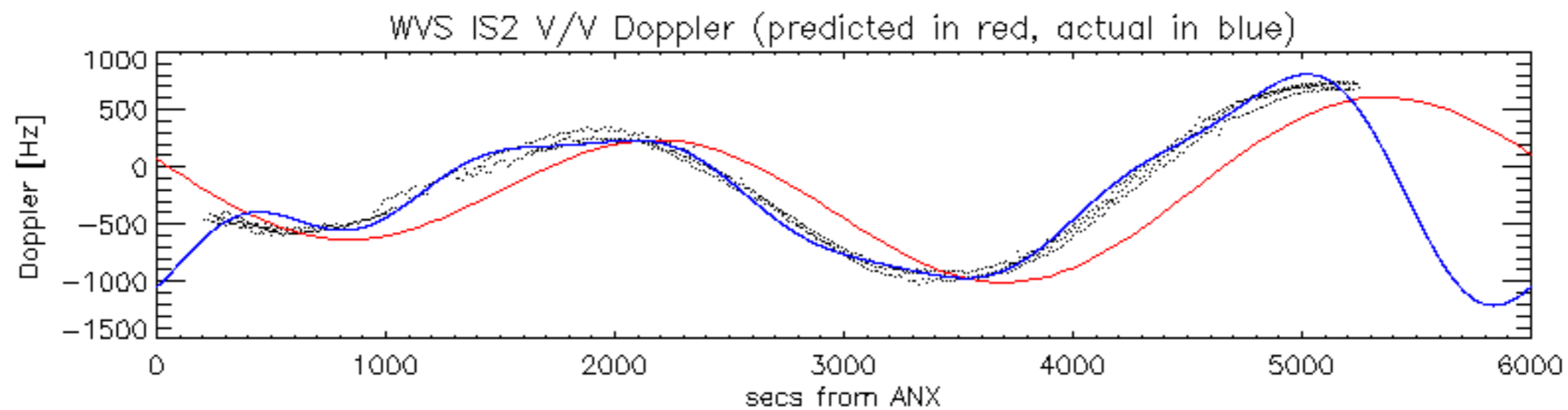


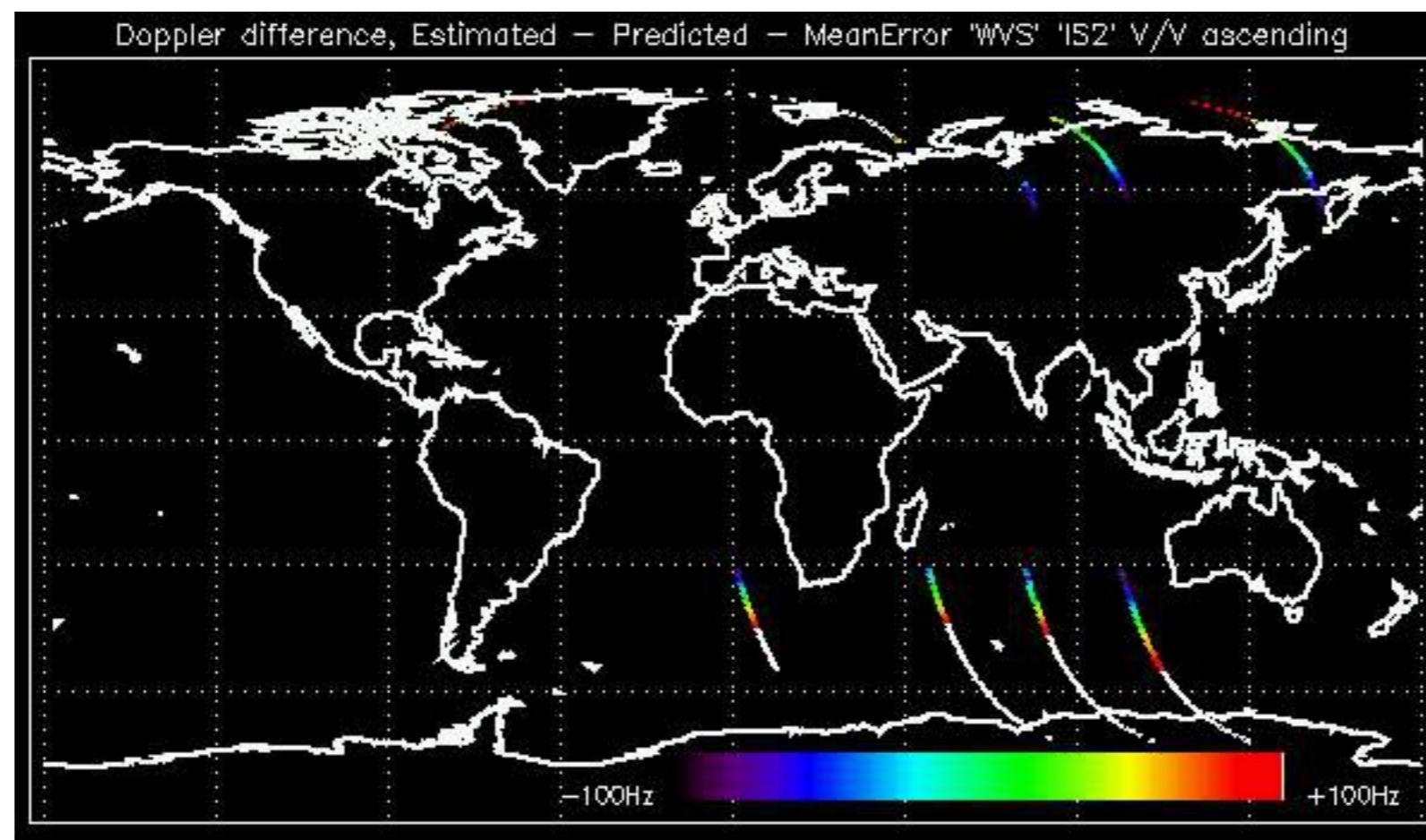
rows: _ 4 _ 8 _ 12 _ 16 _ 20 _ 24 _ 28 _ 32

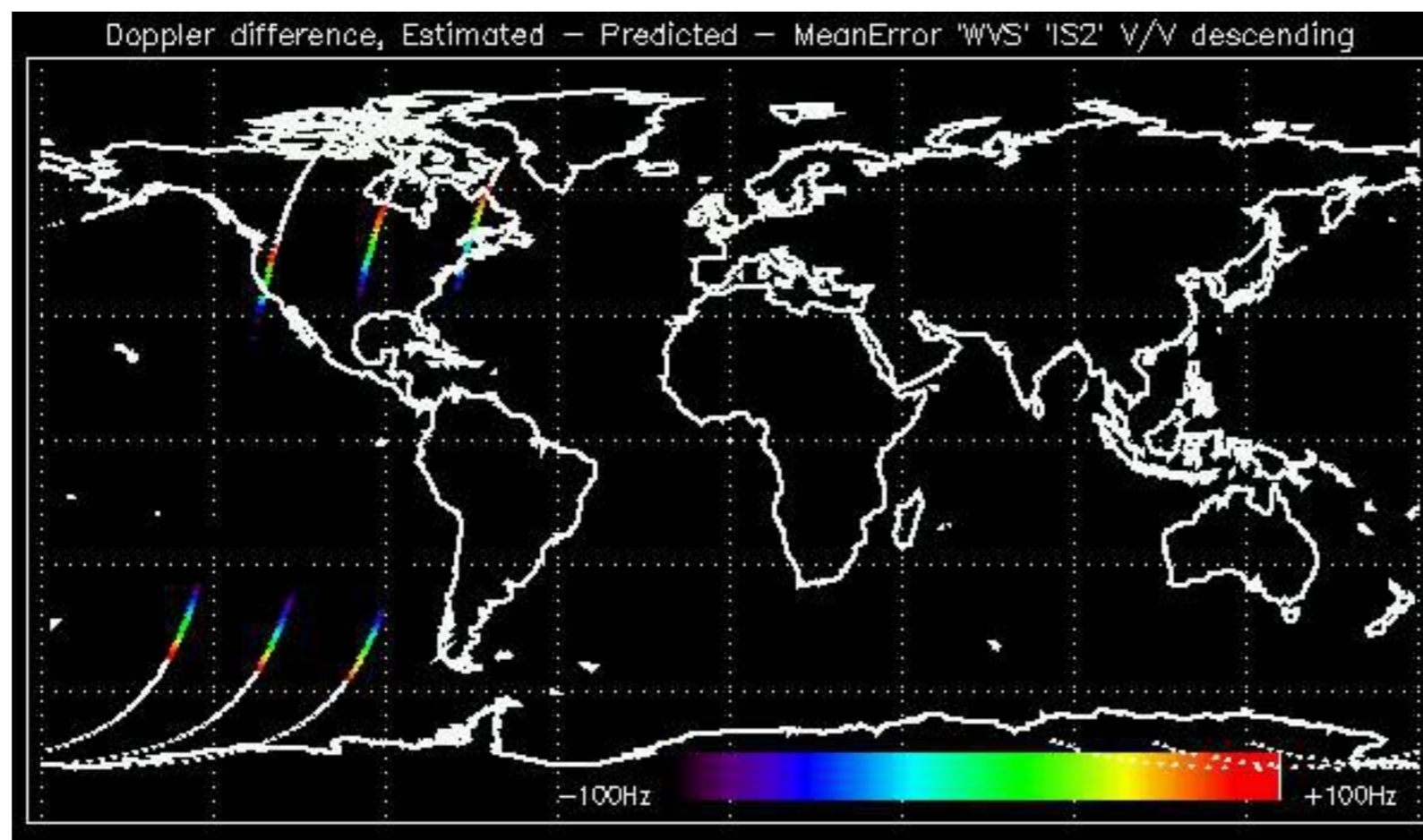
Filename	Beam	Pol	CycleNumber	absOrbit	relOrbit	procVersion					
ASA_WVS_1PNPDK20101023_110317_000008852094_00066_45210_4255.N1						IS2	V/V	94	45210	66	5.04
ASA_WVS_1PNPDK20101023_142405_000008252094_00068_45212_4378.N1						IS2	V/V	94	45212	68	5.04
ASA_WVS_1PNPDK20101023_142405_000008252094_00068_45212_4378.N1						IS1	V/V	94	45212	68	5.04
ASA_WVS_1PNPDK20101023_144650_000036152094_00068_45212_4374.N1						IS2	V/V	94	45212	68	5.04
ASA_WVS_1PNPDK20101023_160429_000005252094_00069_45213_4377.N1						IS2	V/V	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161214_000000002094_00069_45213_4381.N1						IS2	V/V	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161244_000000002094_00069_45213_4383.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161259_000000002094_00069_45213_4384.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161314_000000002094_00069_45213_4389.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161414_000000002094_00069_45213_4422.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161429_000000002094_00069_45213_4425.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161459_000000002094_00069_45213_4434.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_161514_000000002094_00069_45213_4446.N1						IS1	H/H	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_162159_000039302094_00069_45213_4477.N1						IS2	V/V	94	45213	69	5.04
ASA_WVS_1PNPDK20101023_175638_000042762094_00070_45214_4482.N1						IS2	V/V	94	45214	70	5.04
ASA_WVS_1PNPDK20101023_192517_000002992094_00071_45215_4483.N1						IS2	V/V	94	45215	71	5.04
ASA_WVS_1PNPDK20101023_192517_000002992094_00071_45215_4483.N1						IS1	V/V	94	45215	71	5.04
ASA_WVS_1PNPDK20101023_222157_000004052094_00072_45216_4598.N1						IS2	V/V	94	45216	72	5.04
ASA_WVS_1PNPDK20101023_224605_00000892094_00073_45217_4596.N1						IS2	V/V	94	45217	73	5.04

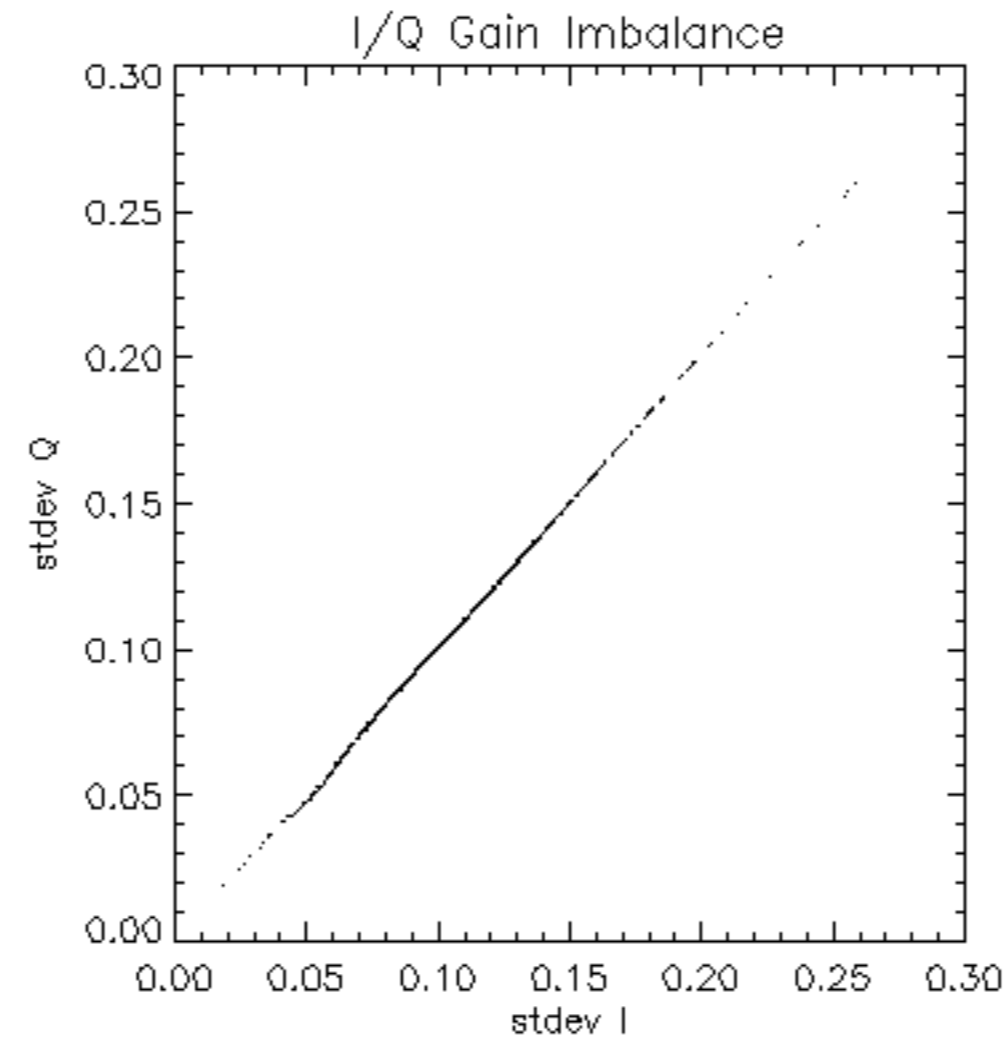


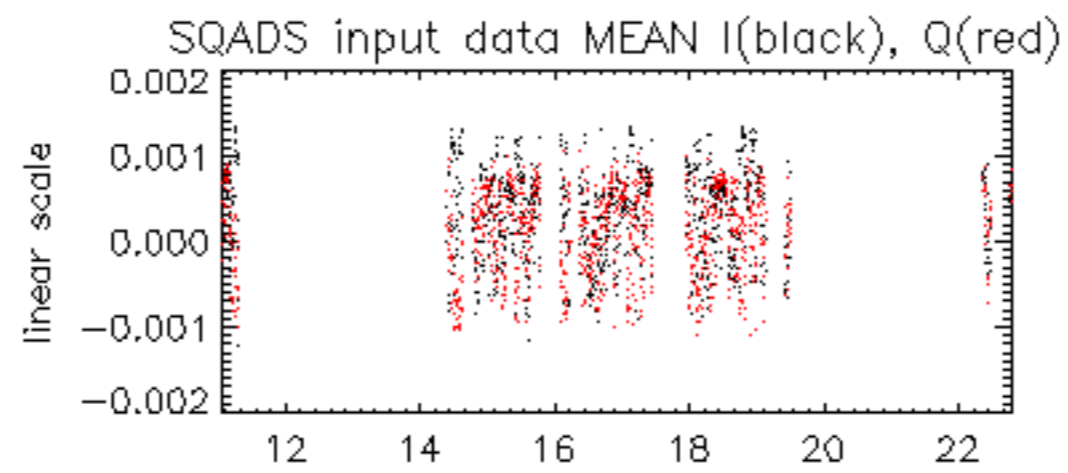




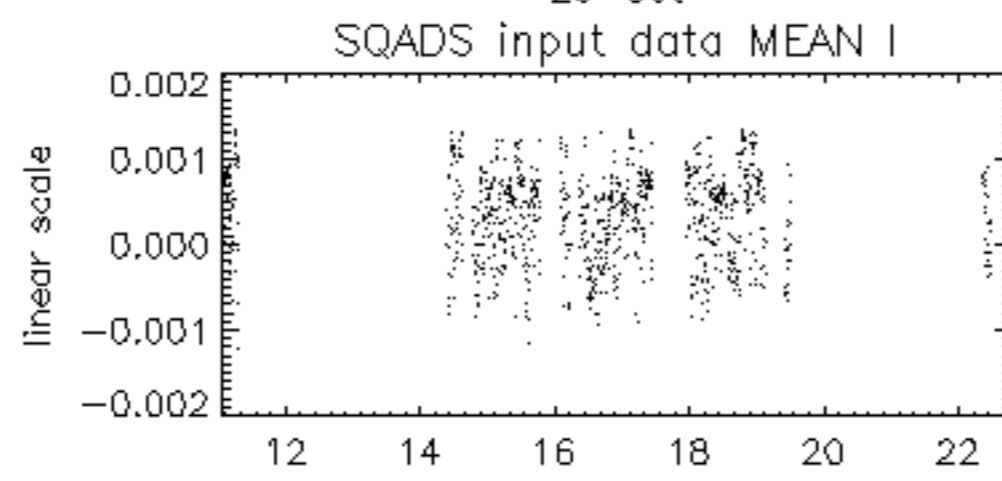




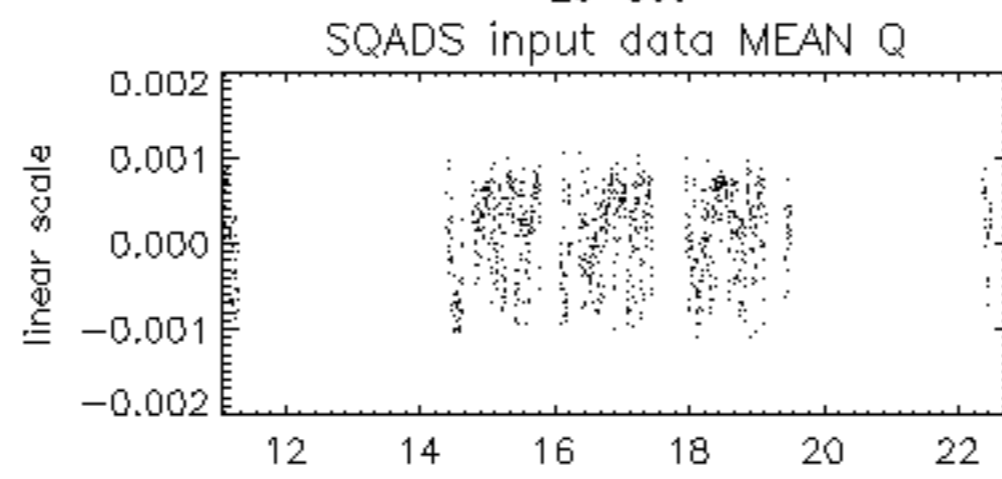




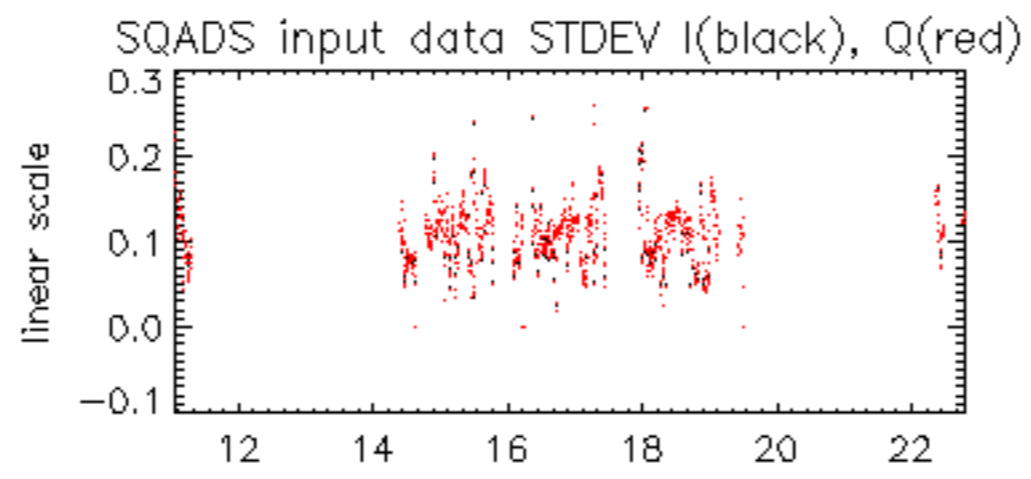
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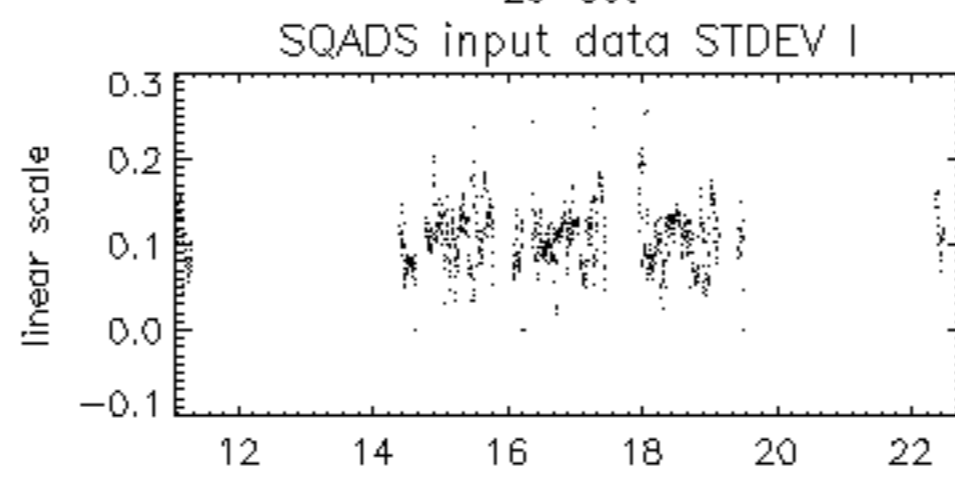
23-Oct



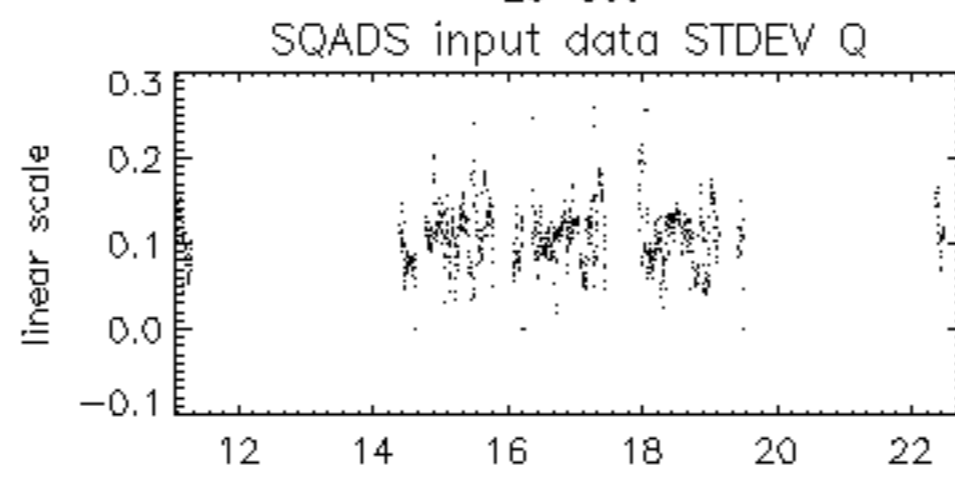
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23-Oct



23-Oct

