

PRELIMINARY REPORT OF 031228

ATTENTION: This report is automatically generated no comments are provided on data analysis

1. [Introduction](#)
2. [Summary](#)
 - [Instrument Unavailability](#)
 - [Browse Visual Inspection](#)
 - [Module Stepping Results](#)
 - [Data Analysis](#)
3. [Module Stepping](#)
4. [Internal Calibration pulses](#)
 - [Daily statistics \(row 3 and 24\)](#)
 - [Cyclic statistics \(row 3 and 24\)](#)
 - [cal pulses monitoring \(all rows\)](#)
5. [Raw Data Statistics](#)
 - [raw data mean I and Q](#)
 - [raw data stdev I and Q](#)
 - [raw gain imbalance](#)
6. [Wave Doppler analysis](#)
 - [Doppler evolution versus ANX](#)

1 - Introduction

This report is based on the analysis of wave mode level-1 cross spectra (ASA_WVS_1P) products, which are the available few hours after the acquisition, on the high rate browse (BP) products and on the Module Stepping (MS) product.

2 - Summary

2.1 - Instrument Unavailability

Preliminary report. Instrument unavailabilities are not yet reported

2.2 - Browse Visual Inspection

Preliminary report. Browse are not yet controled

2.3 - Data Analysis

3 - Module Stepping Mode

-Preliminary report. MS data is not yet controlled

Polarisation	Start Time
V	20031225 202542
H	20031225 202422

MSM in V/V polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

MSM in H/H polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

4 - Internal calibration Results

-Preliminary report. The data is not yet controlled

4.1 - Daily statistics

row	stat	AveP1	AveP2	AveP3
3	mean	-3.71358	-22.5689	-8.17259
	stdev	0.00736187	0.0613712	0.00314383
24	mean	-5.05878	-21.1909	-8.17259
	stdev	0.0156038	0.0526047	0.00314383



4.2 - Cyclic statistics

row	stat	AveP1	AveP2	AveP3
3	mean	-3.75964	-22.5537	-8.14752
	stdev	0.0843988	0.0713736	0.00523406
24	mean	-5.08771	-21.2032	-8.14752
	stdev	0.0139596	0.0651893	0.00523406



4.3 - cal pulses monitoring (all rows)



5 - RAW data statistics

-Preliminary report. The data is not yet controlled

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000429191
	stdev	3.04705e-07
MEAN Q	mean	0.000291521
	stdev	3.67187e-07



5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.115741
	stdev	0.00144548
STDEV Q	mean	0.115995
	stdev	0.00146096



5.3 - Gain imbalance I/Q



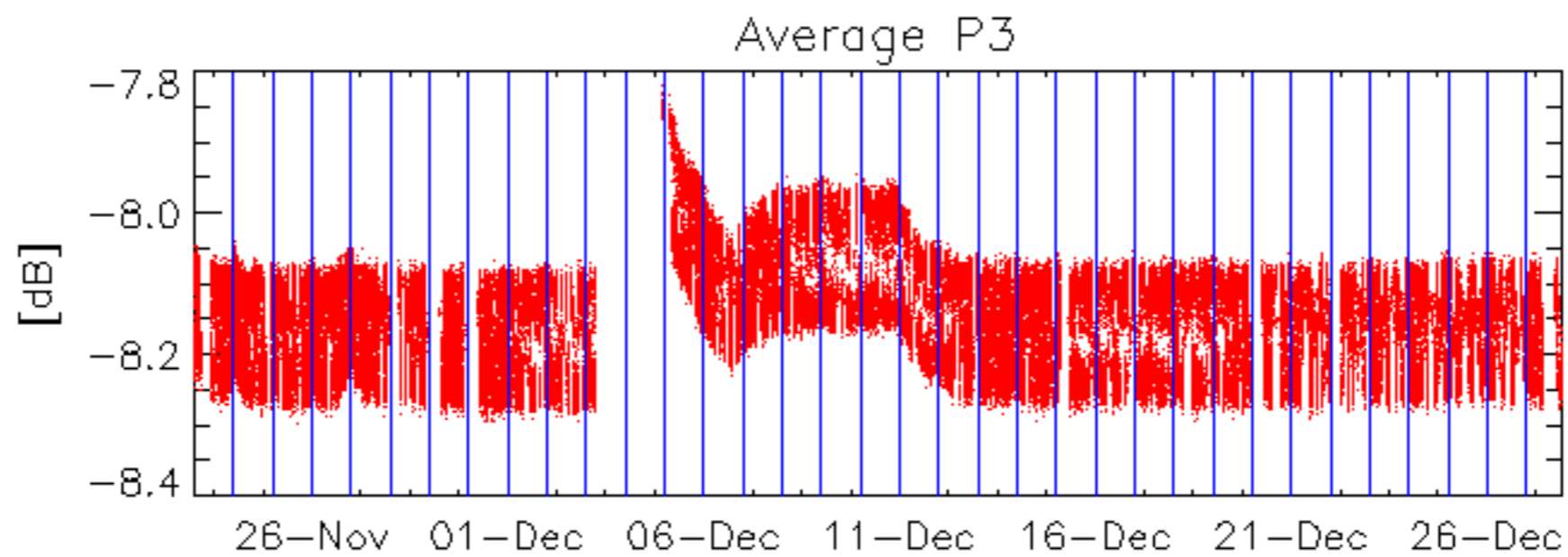
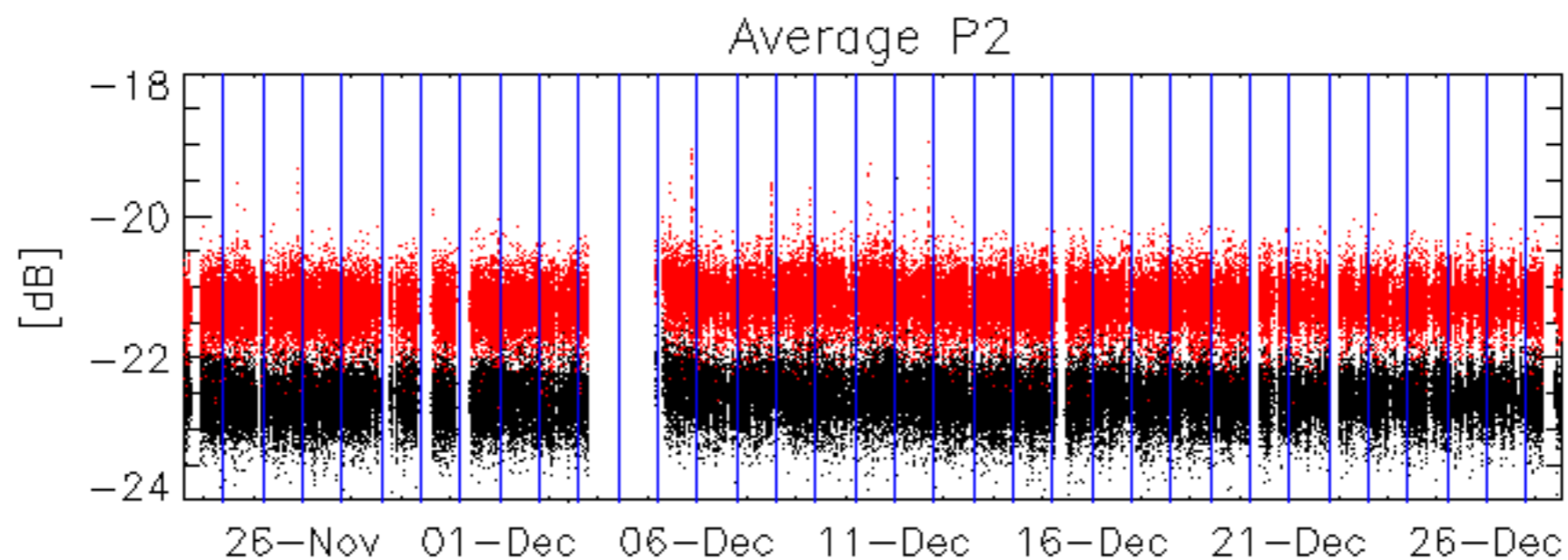
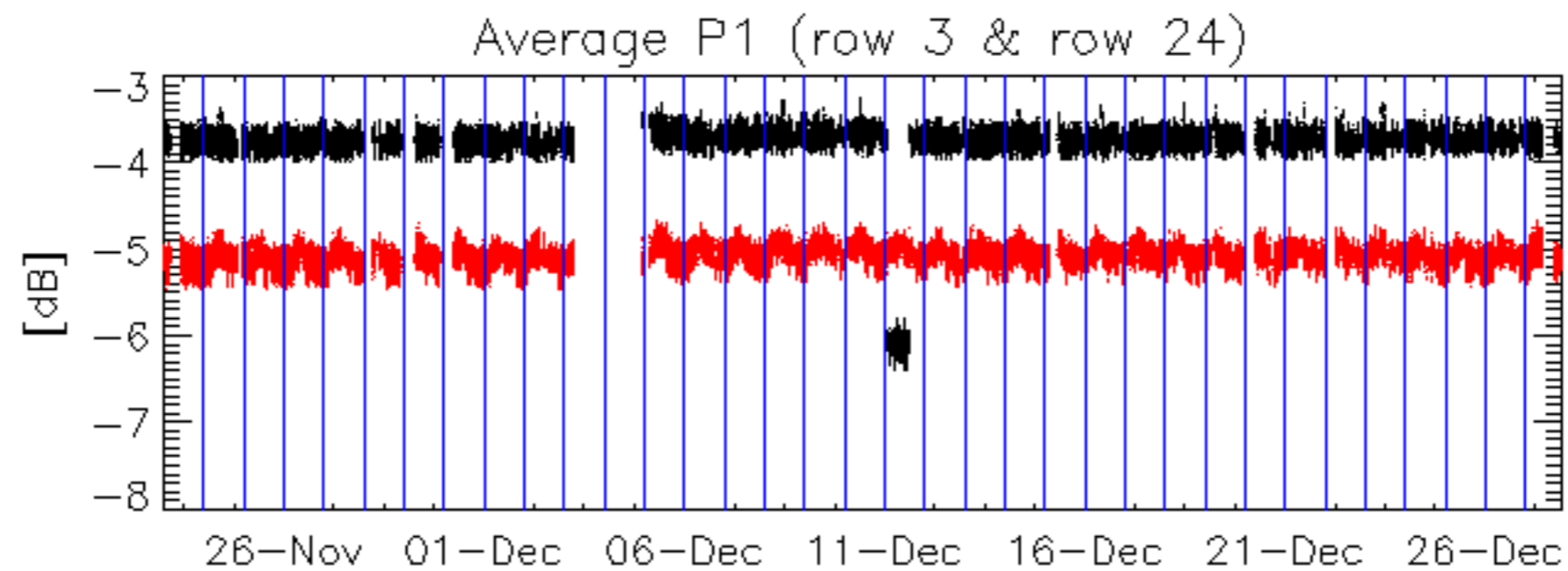
6 - Wave Doppler Analysis

Preliminary report. The data is not yet controlled

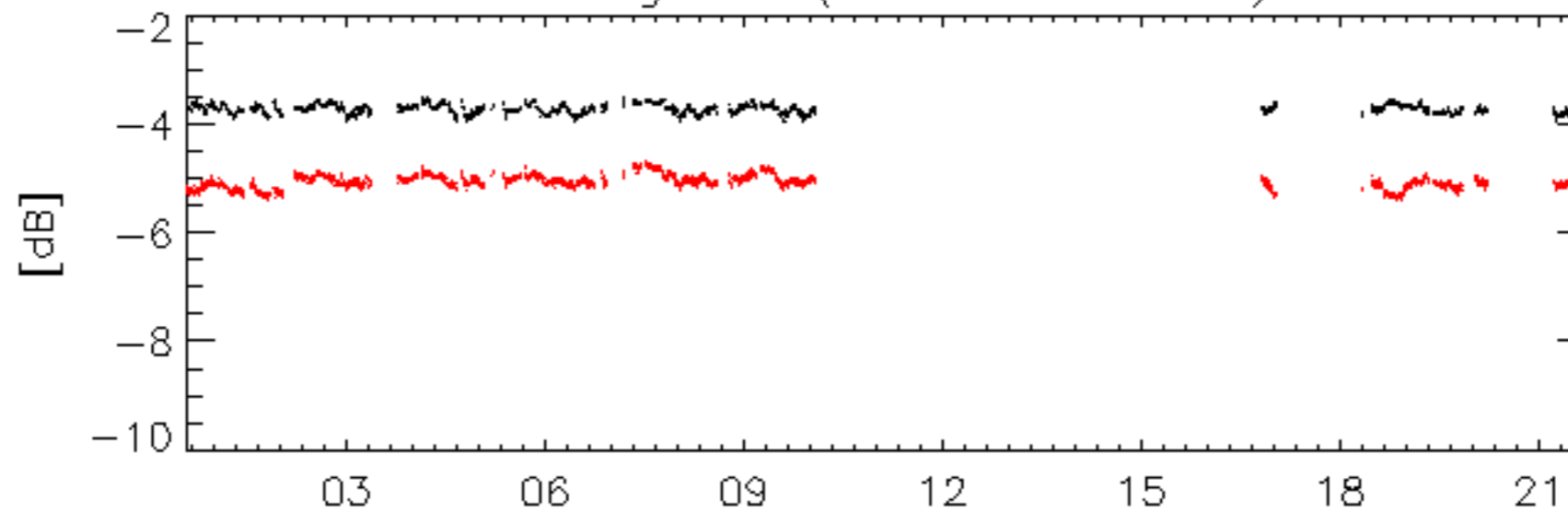
6.1 - Doppler evolution versus ANX

Evolution Doppler error versus ANX

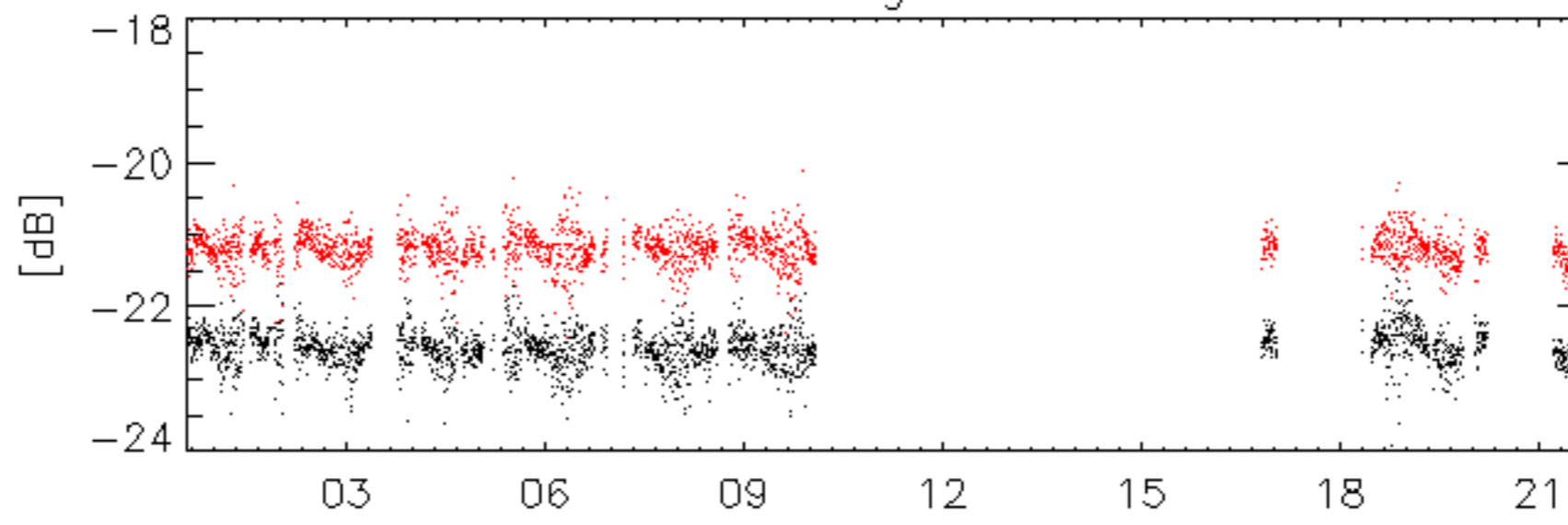




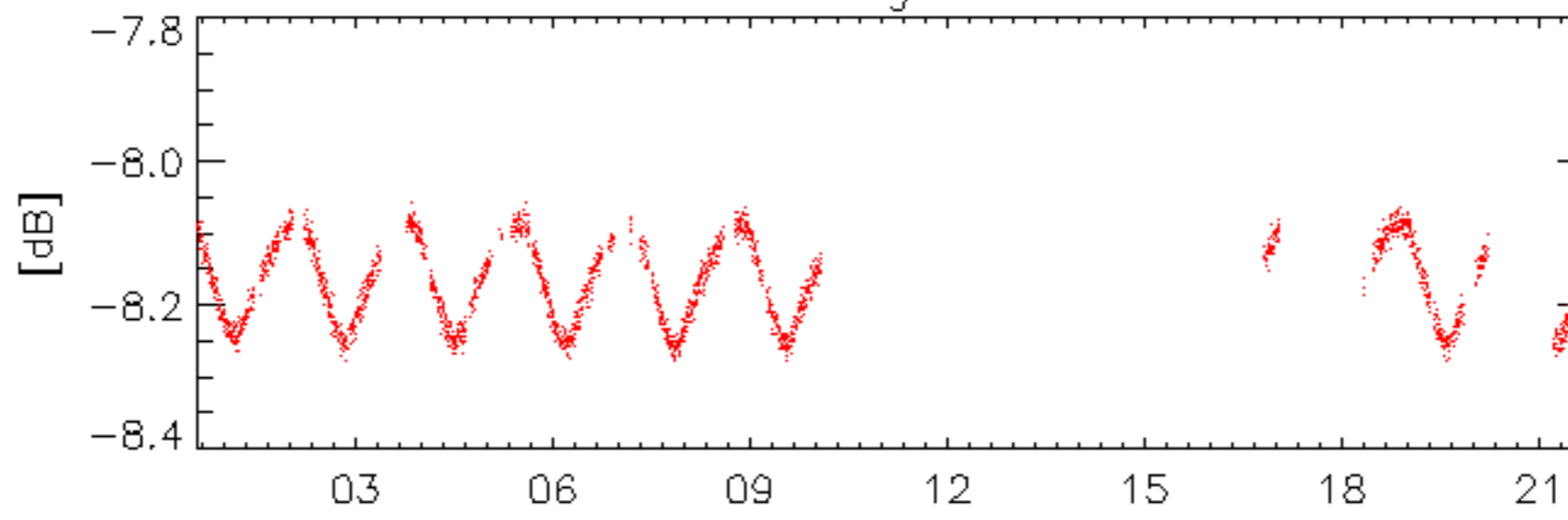
Average P1 (row 3 & row 24)



27-Dec
Average P2



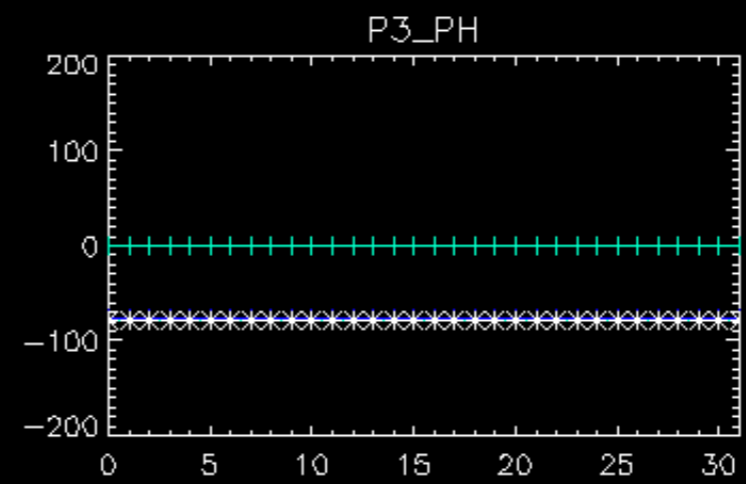
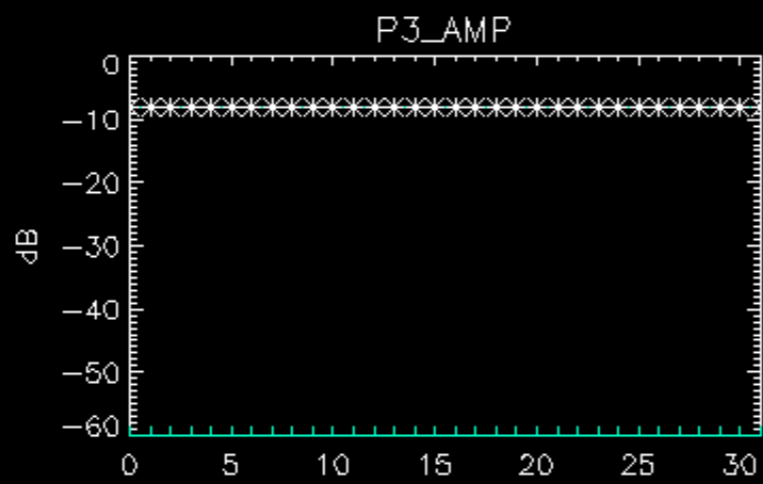
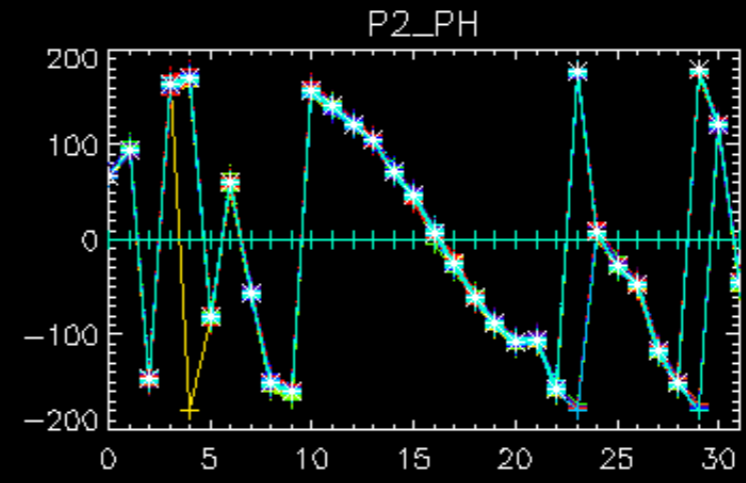
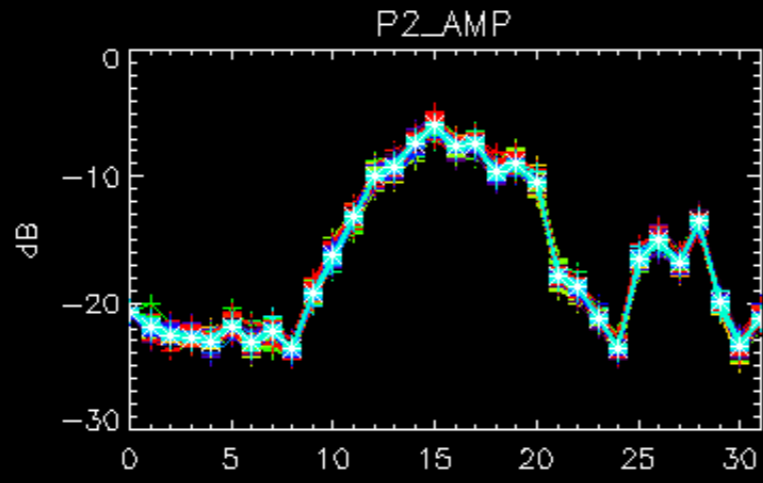
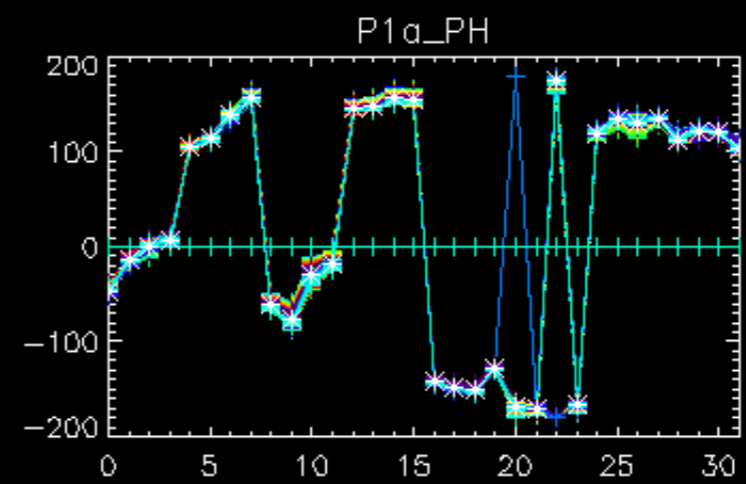
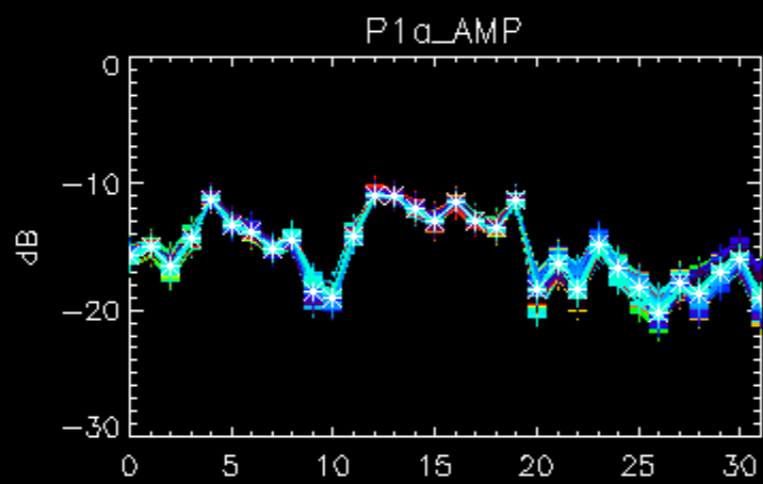
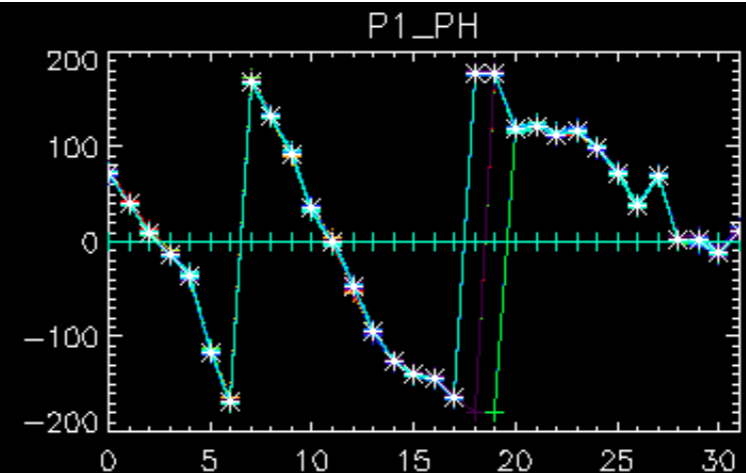
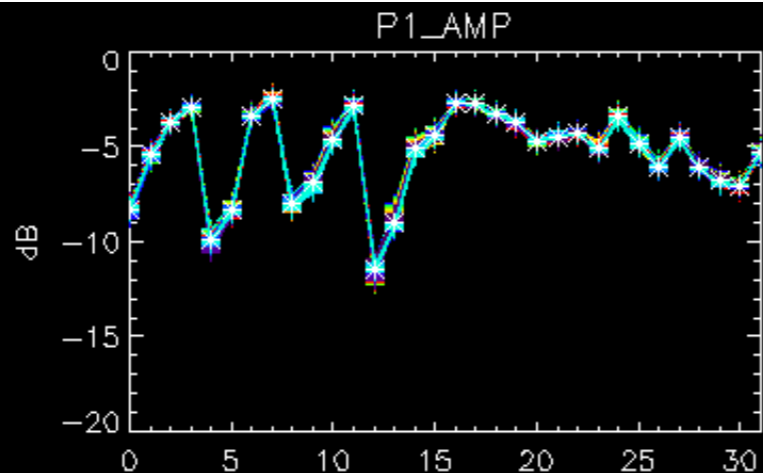
27-Dec
Average P3

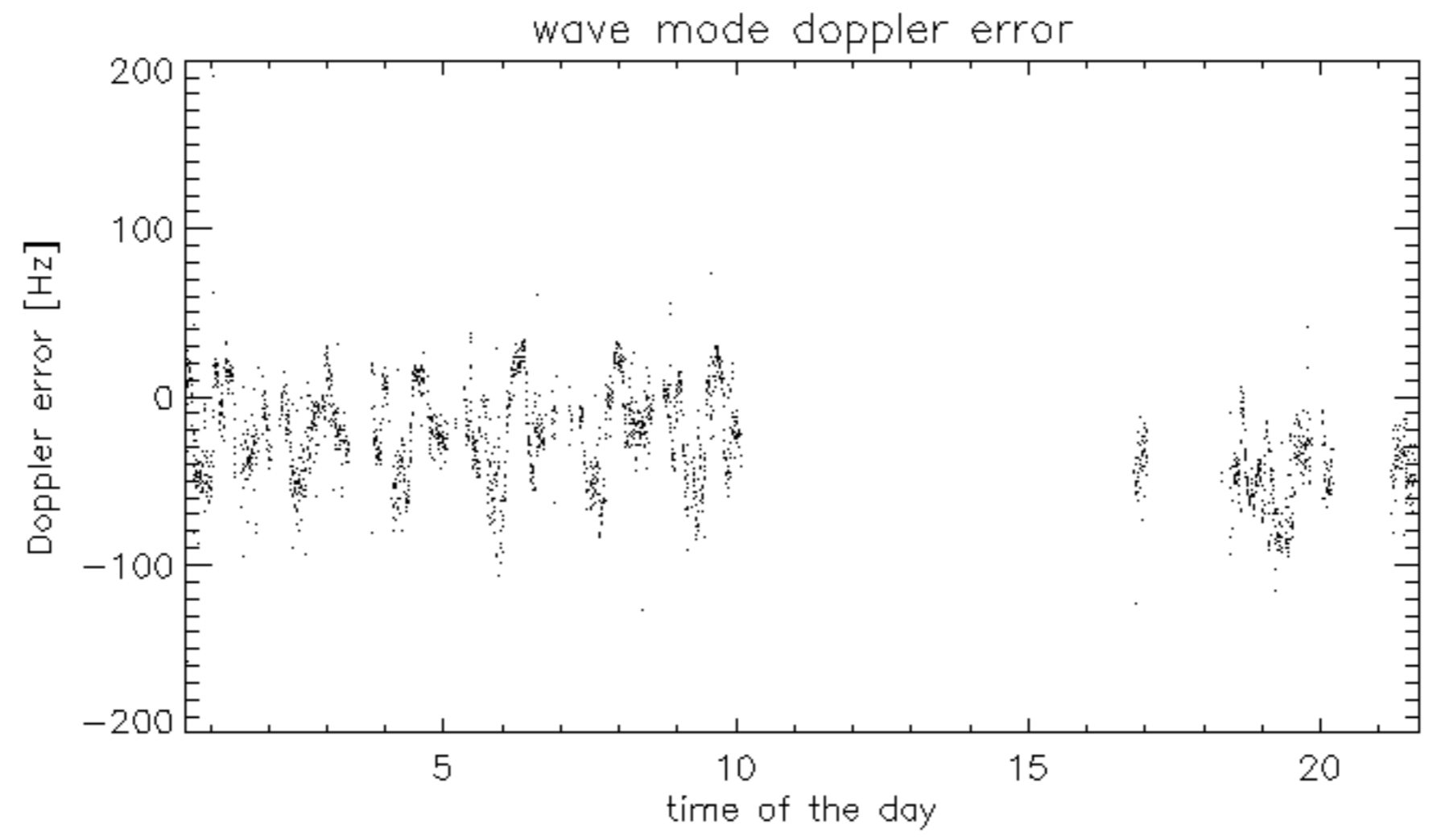
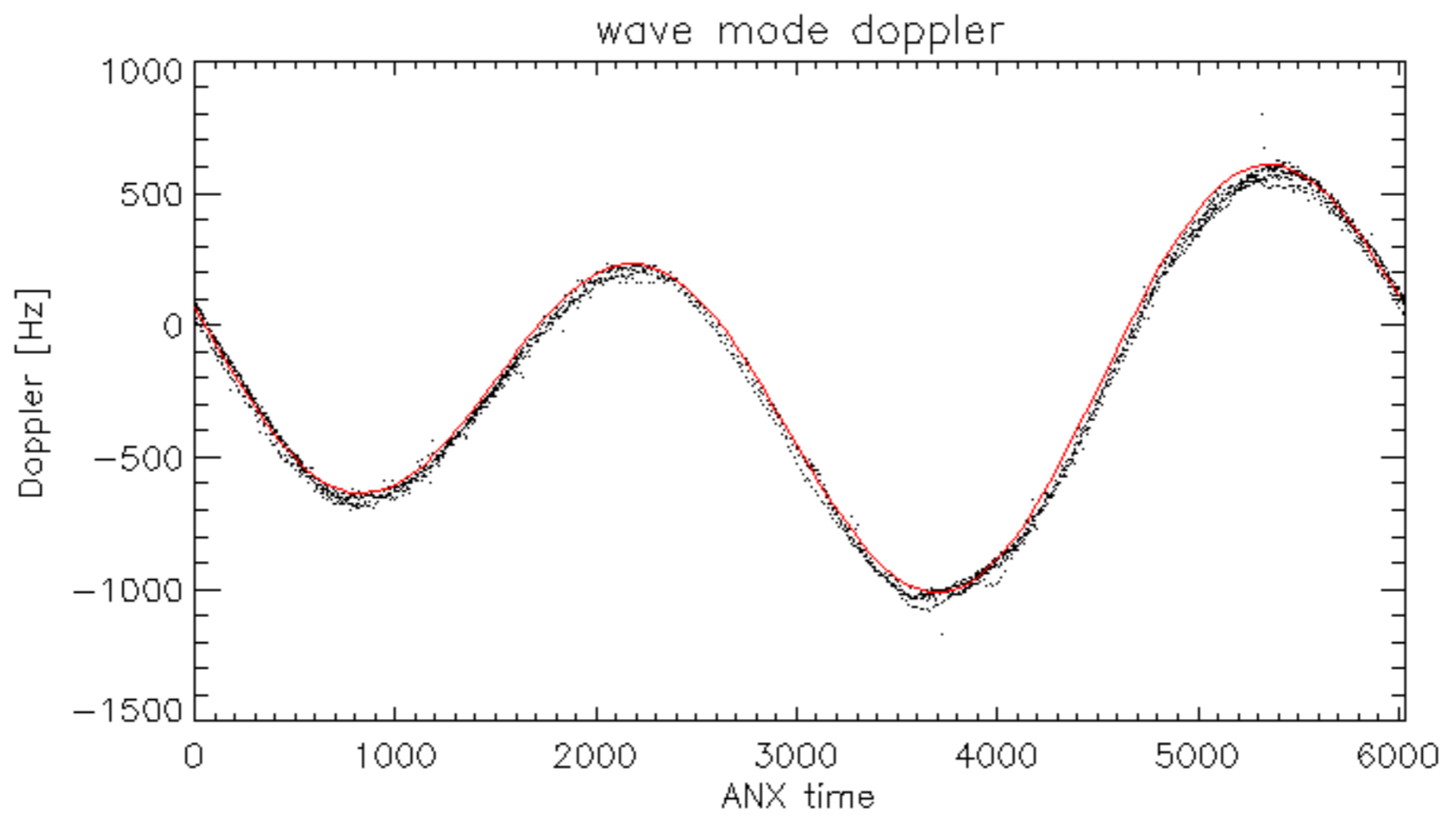


27-Dec

-Preliminary report.The data is not yet controled







-Preliminary report. MS data is not yet controled

-Preliminary report. The data is not yet controled

Reference: 2003-06-12 14:10:32 V

RxPhase

Test : 2003-12-25 20:25:42 V

