

PRELIMINARY REPORT OF 031220

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

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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 | 20031219 201410 |
| H | 20031219 201250 |

MSM in V/V polarisation

| Pre-launch Reference | DDS-B (2003-06-12) reference |
|--------------------------|------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
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| <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 | -3.73064 | -22.5730 | -8.16867 |
| | stdev | 0.00639158 | 0.0707607 | 0.00370717 |
| 24 | mean | -5.08477 | -21.2053 | -8.16867 |
| | stdev | 0.0110616 | 0.0636308 | 0.00370717 |



4.2 - Cyclic statistics

| row | stat | AveP1 | AveP2 | AveP3 |
|-----|-------|-----------|-----------|------------|
| 3 | mean | -3.76804 | -22.5621 | -8.14914 |
| | stdev | 0.0788749 | 0.0721997 | 0.00525783 |
| 24 | mean | -5.09536 | -21.2224 | -8.14914 |
| | stdev | 0.0136211 | 0.0656345 | 0.00525783 |



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 | 0.000341686 |
| | stdev | 1.12108e-05 |
| MEAN Q | mean | 0.000202322 |
| | stdev | 1.12208e-05 |



5.2 - Input stdev I/Q

| channel | stat | DSS-B |
|---------|-------|------------|
| STDEV I | mean | 0.116003 |
| | stdev | 0.00152614 |
| STDEV Q | mean | 0.116251 |
| | stdev | 0.00154163 |



5.3 - Gain imbalance I/Q



6 - Wave Doppler Analysis

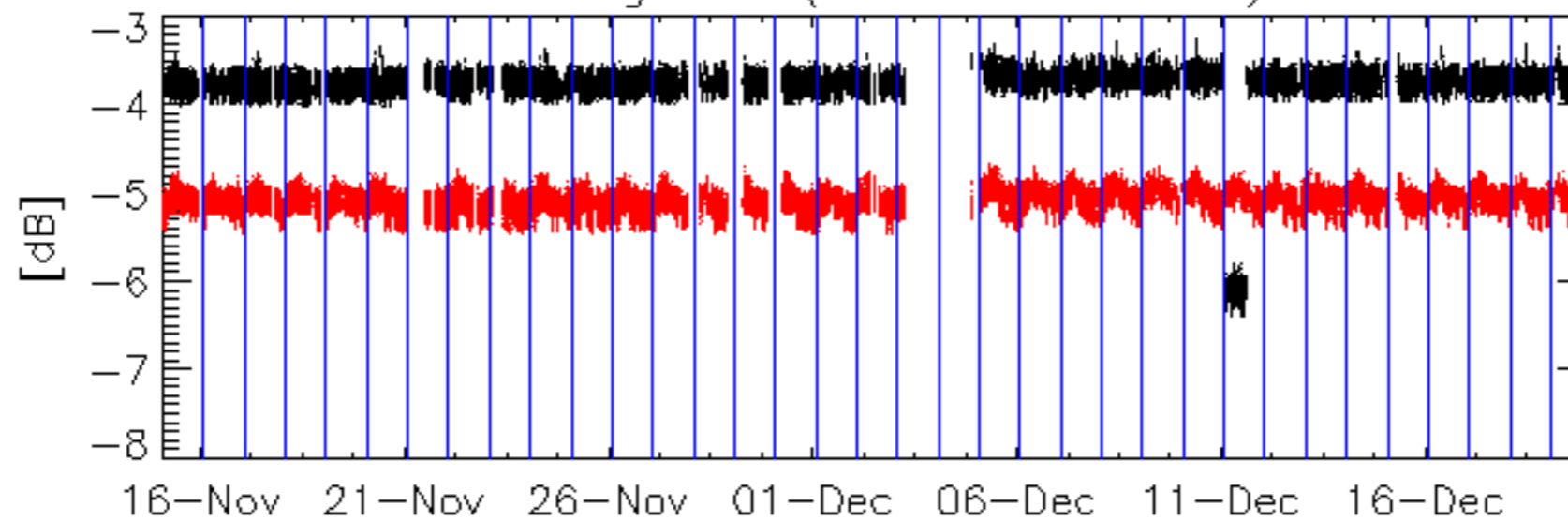
Preliminary report. The data is not yet controlled

6.1 - Doppler evolution versus ANX

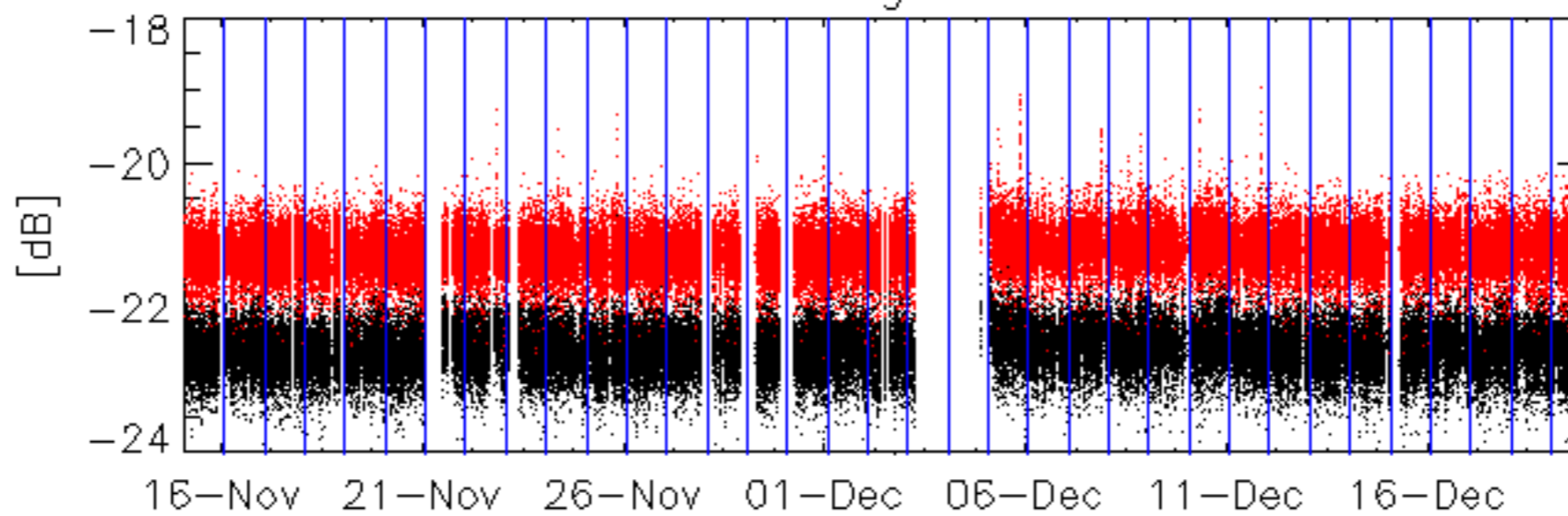
Evolution Doppler error versus ANX



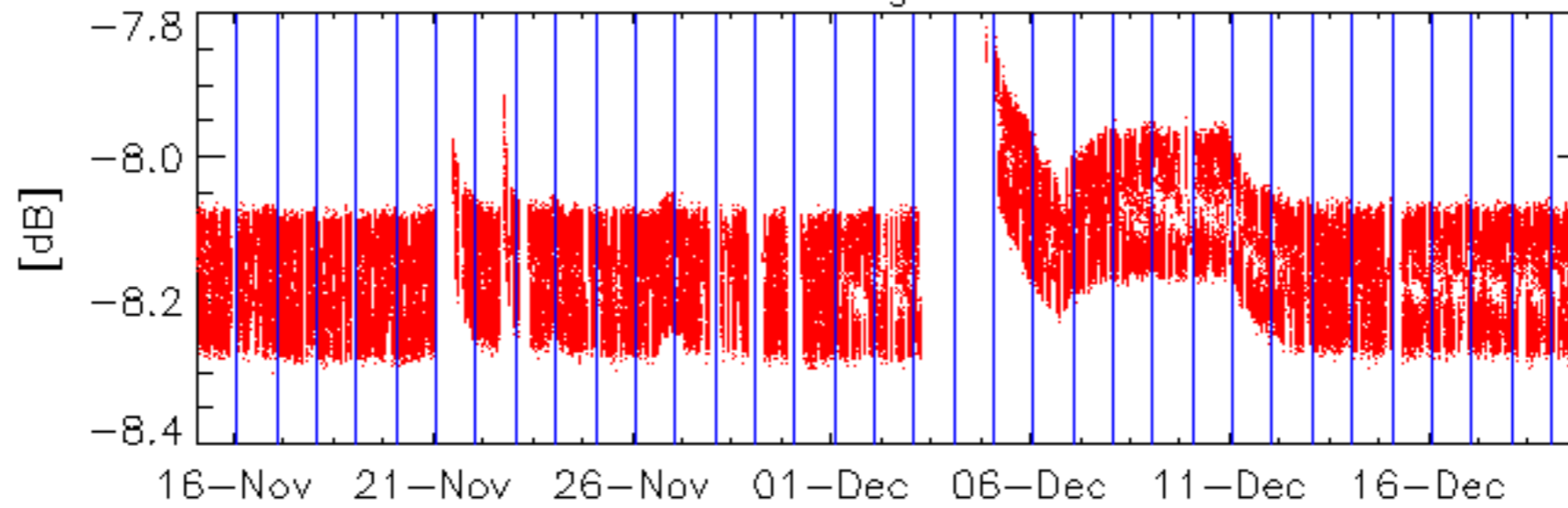
Average P1 (row 3 & row 24)



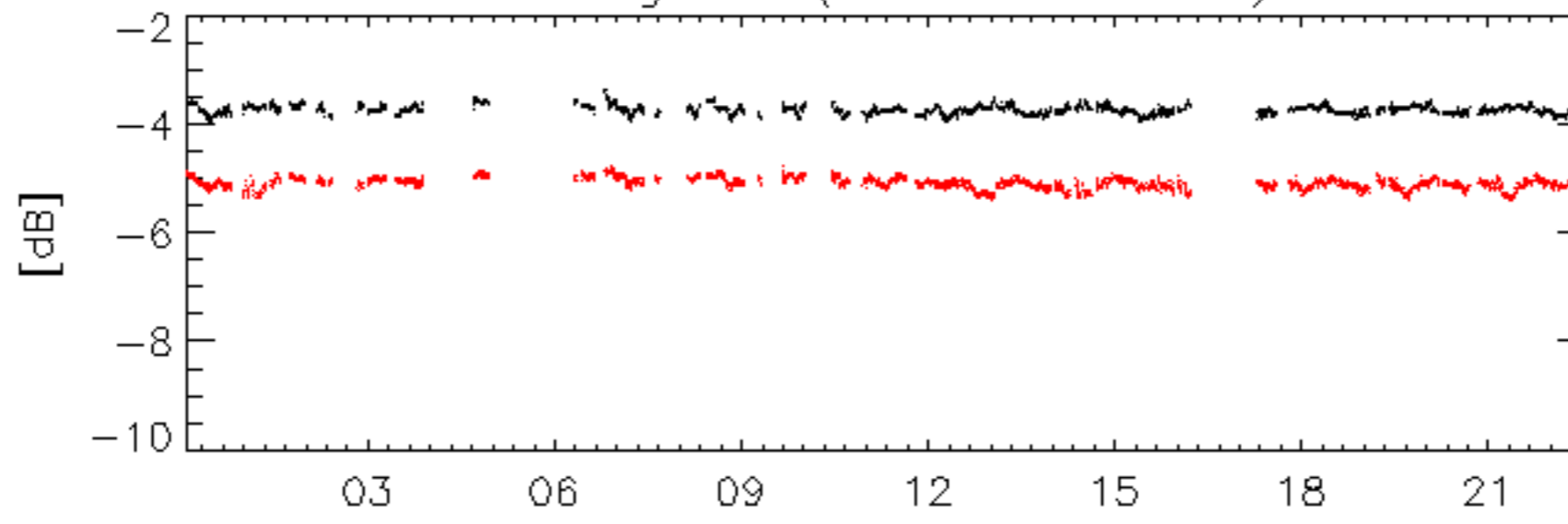
Average P2



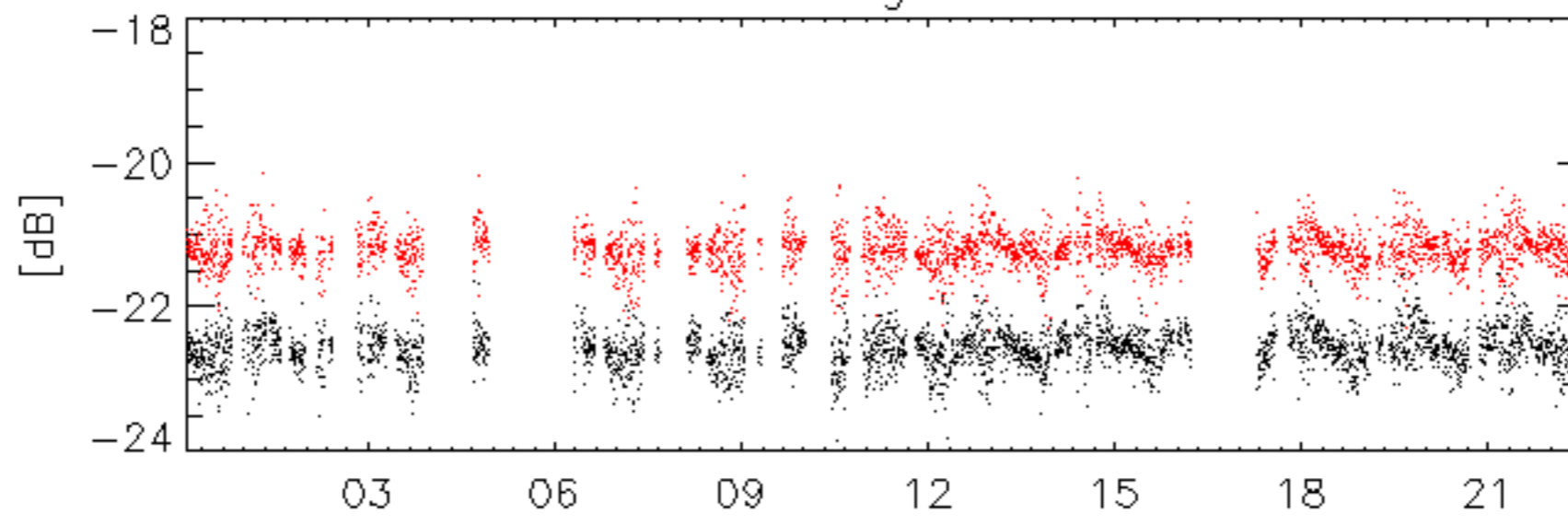
Average P3



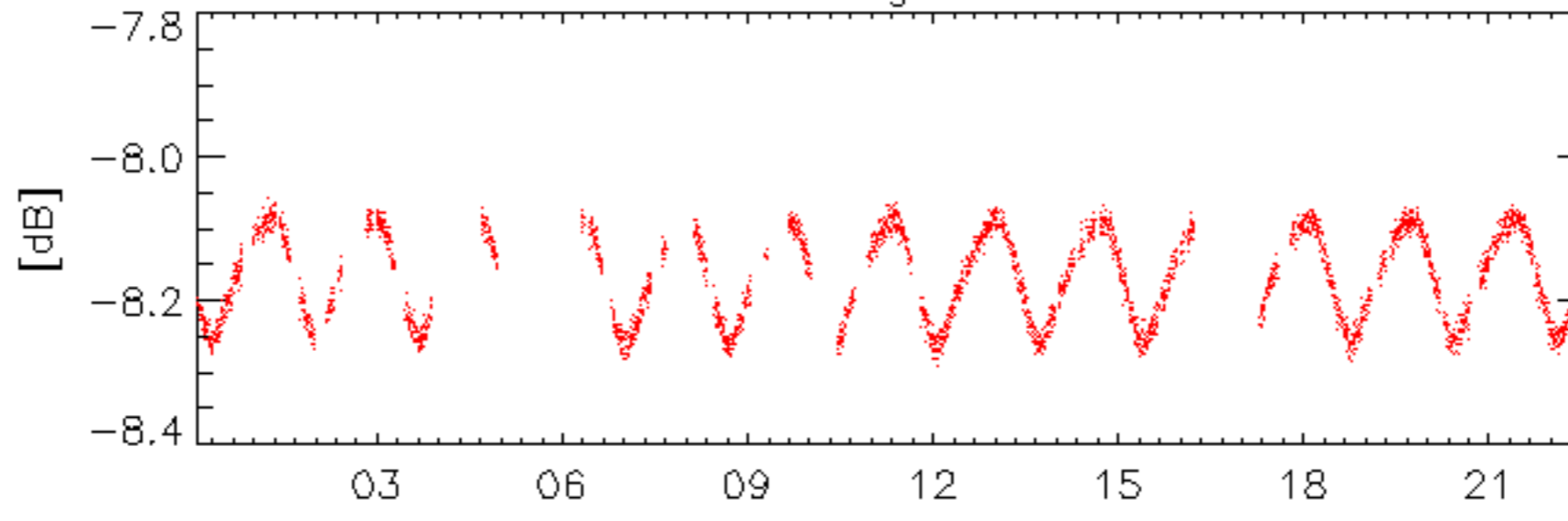
Average P1 (row 3 & row 24)



19-Dec
Average P2



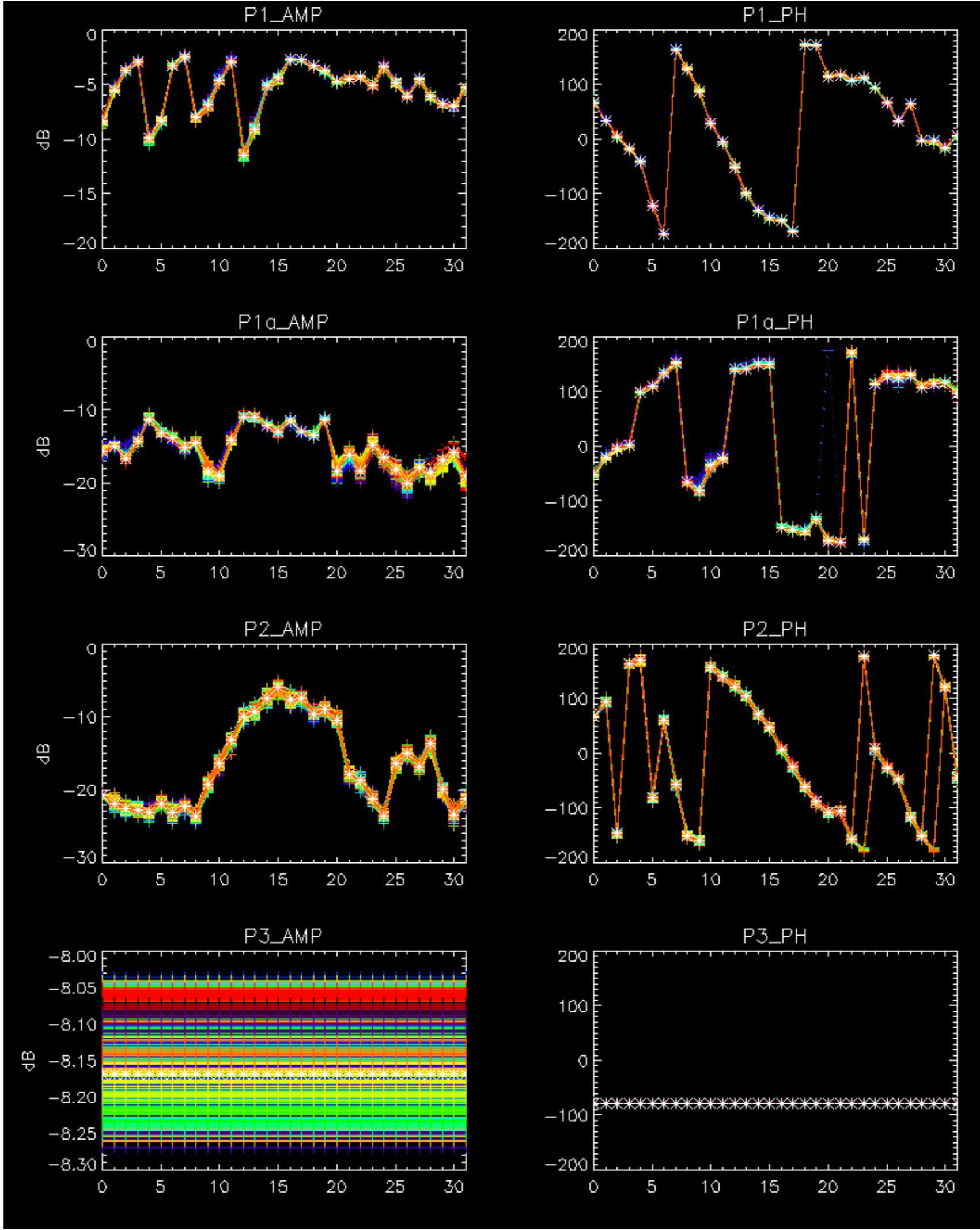
19-Dec
Average P3

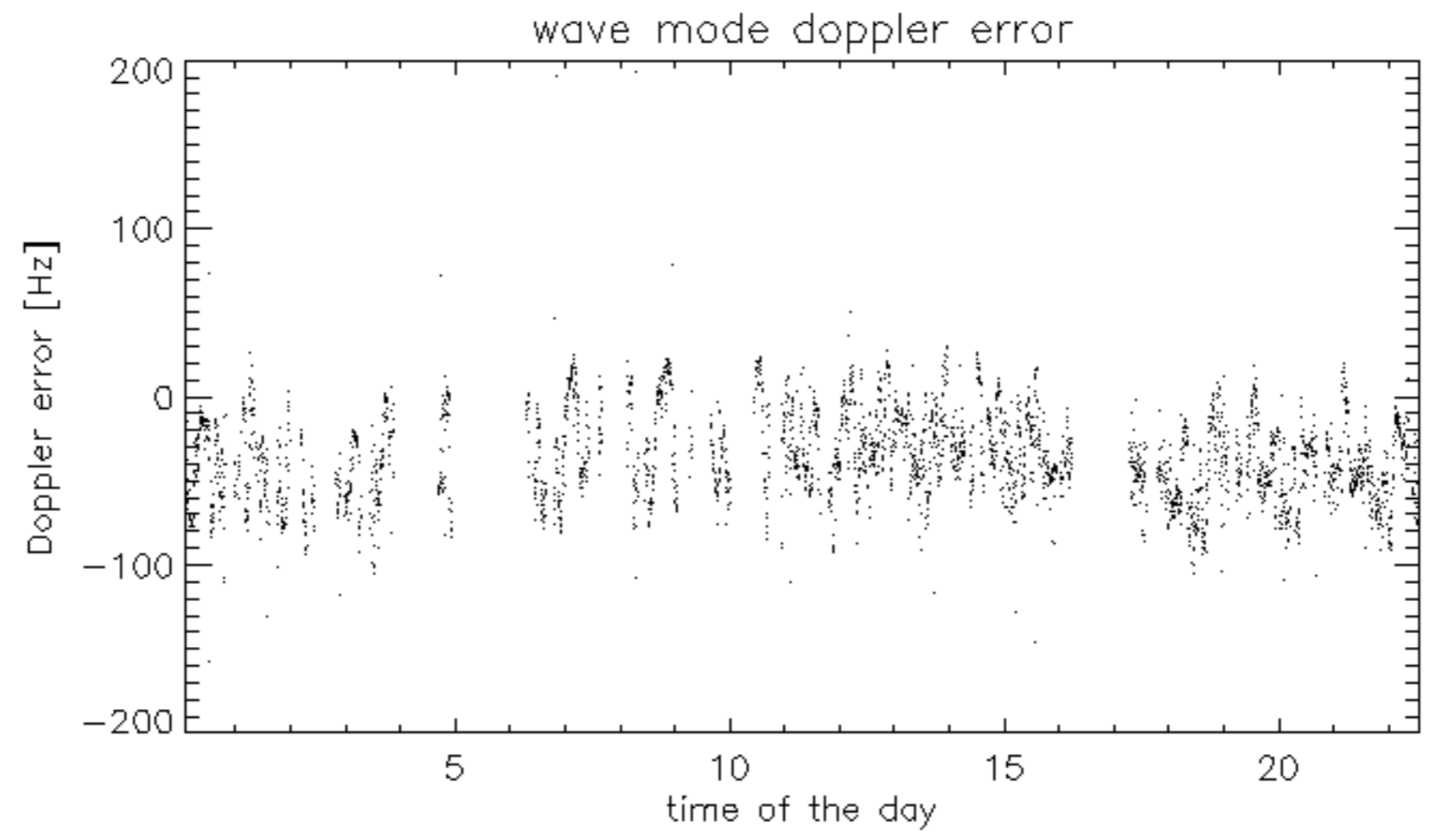
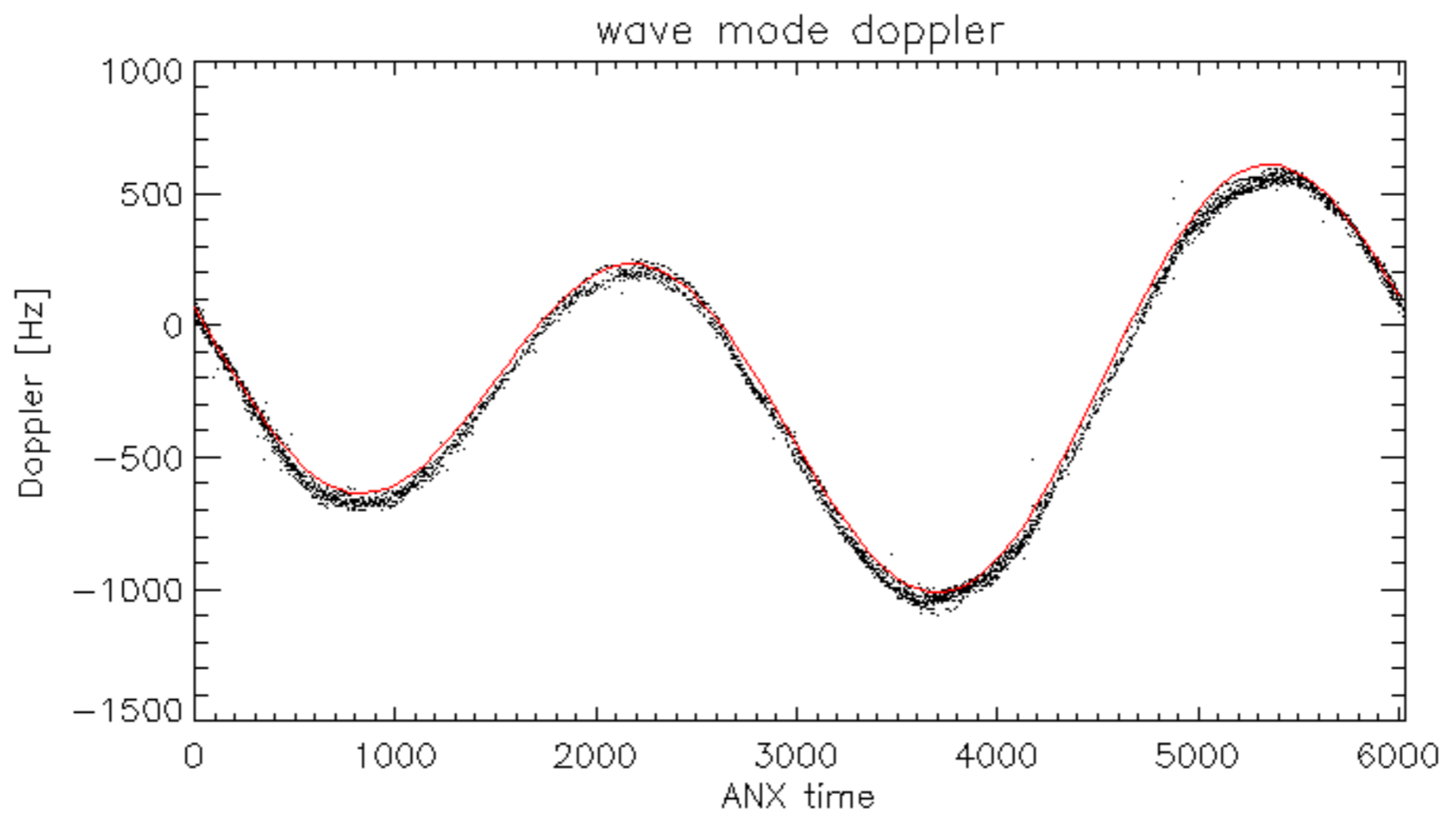


19-Dec

-Preliminary report.The data is not yet controled







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