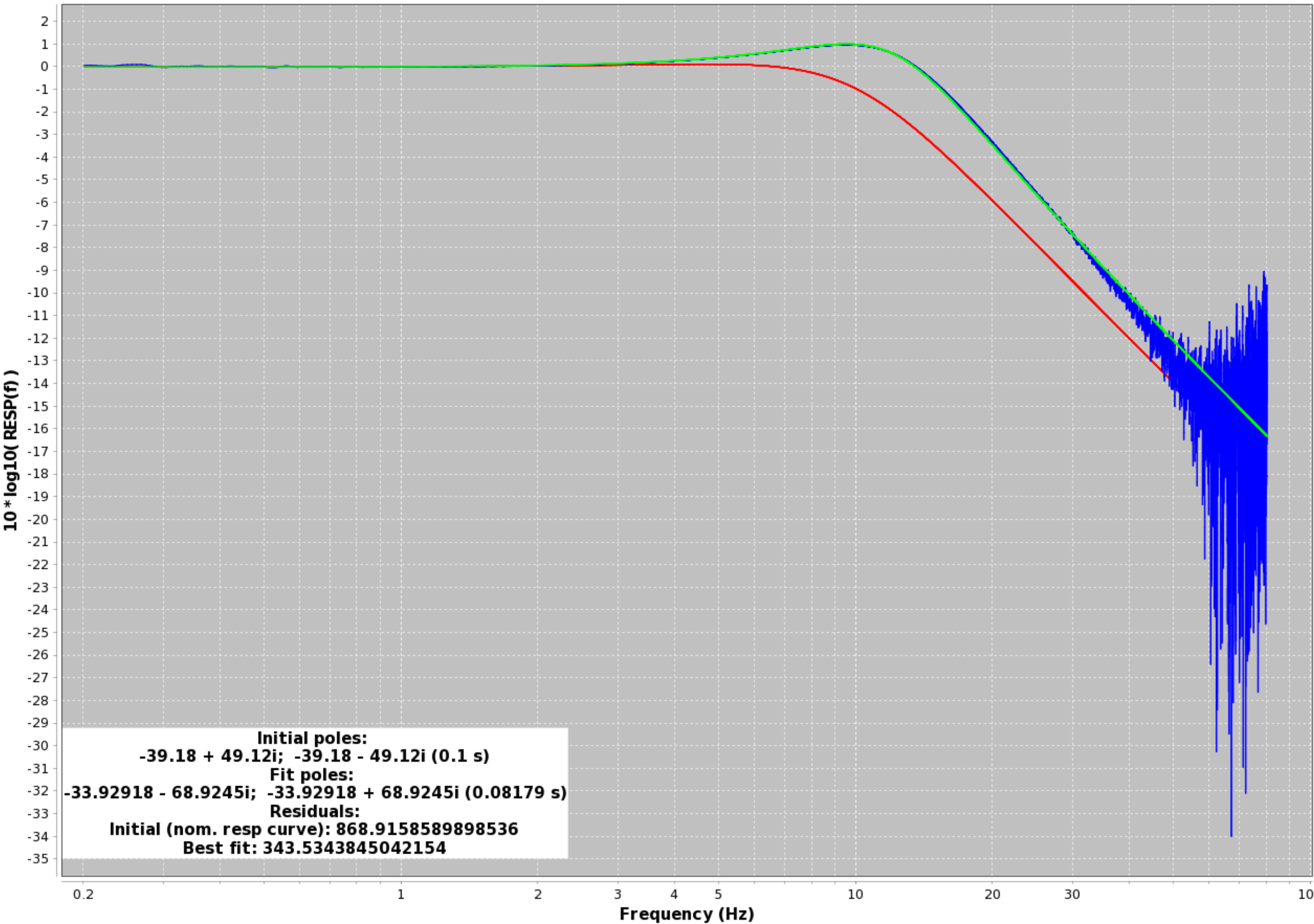
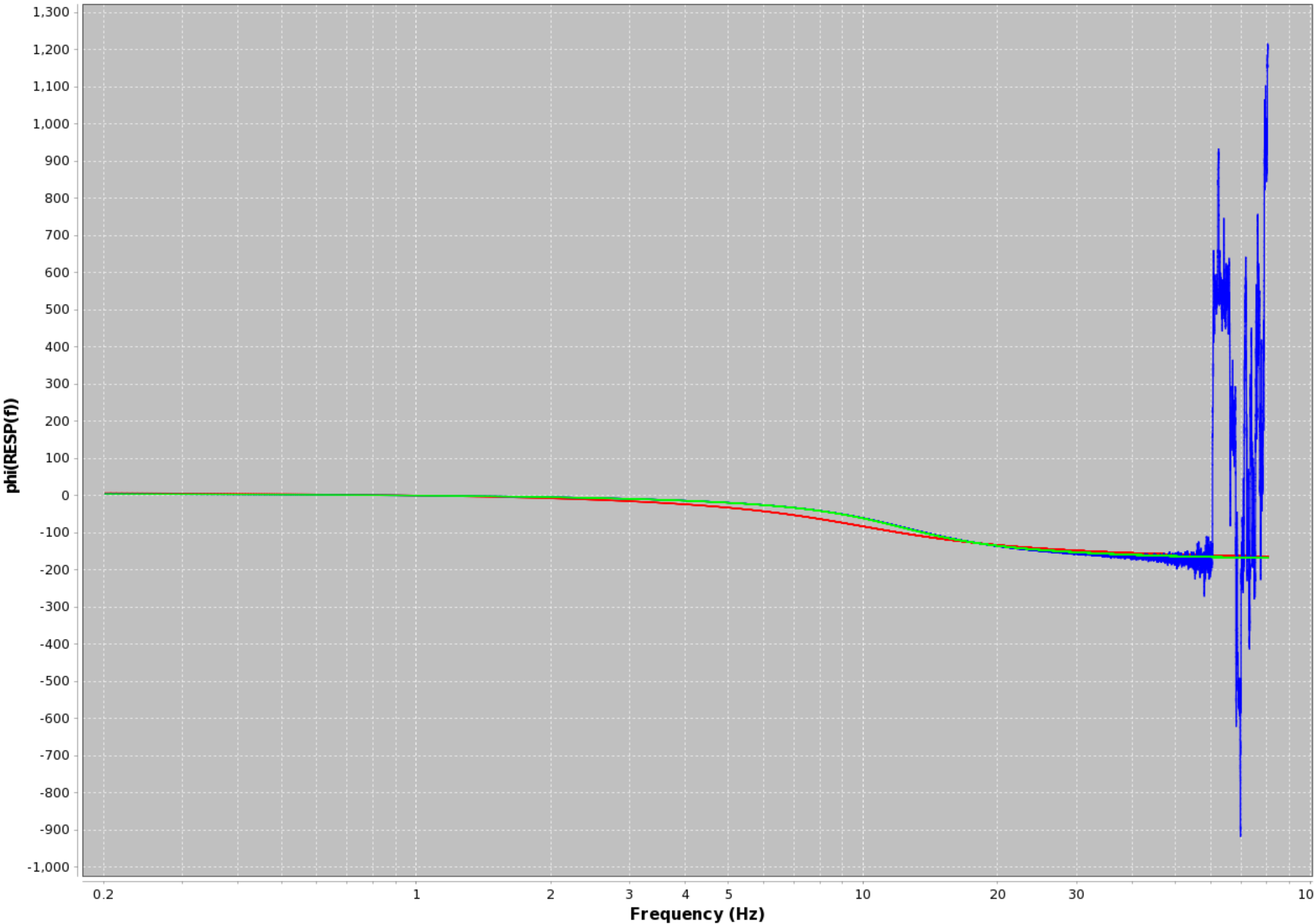


Randomized calibration (HIGH FREQ.)



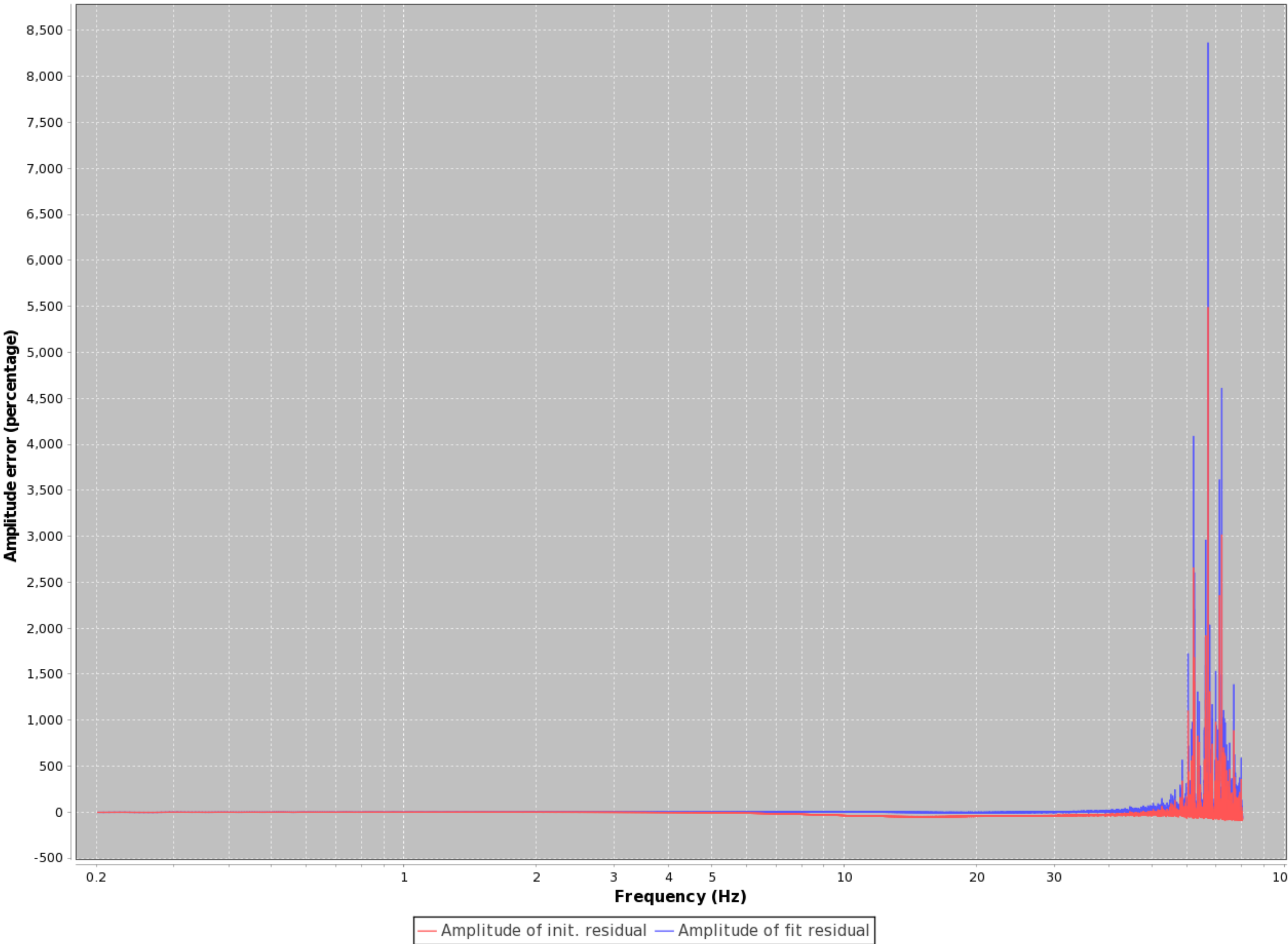
Initial param (RESP.IU.MAJO.00.BHZ) magnitude    Calc. resp. (IU\_MAJO\_00\_EHZ) magnitude    Fit resp. magnitude

Randomized calibration (HIGH FREQ.)

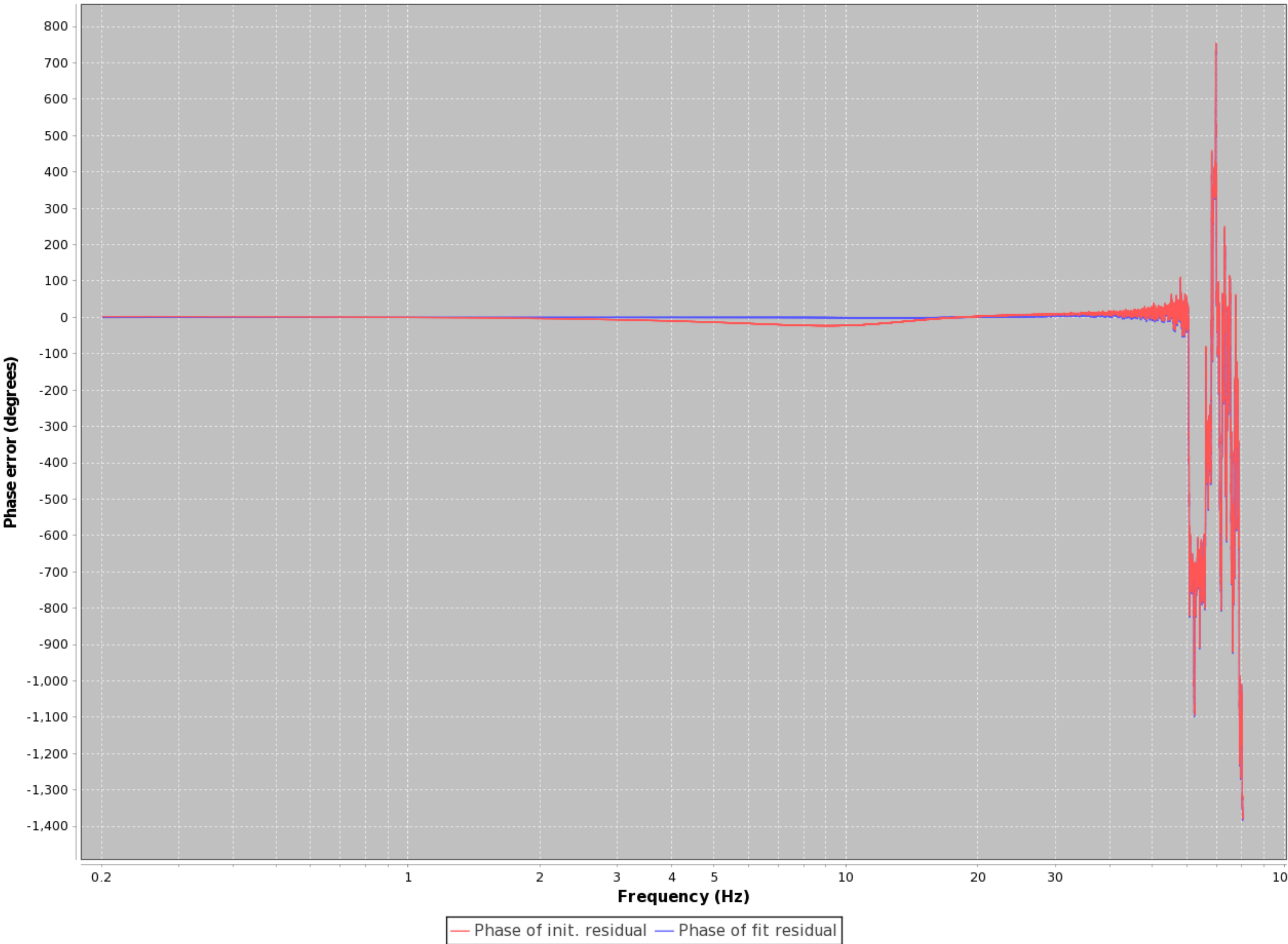


Initial param (RESP.IU.MAJO.00.BHZ) phase    Calc. resp. (IU\_MAJO\_00\_EHZ) phase    Fit resp. phase

Randomized calibration



Randomized calibration



Initial poles:

-39.18 + 49.12i; -39.18 - 49.12i (0.1 s)

Fit poles:

-33.92918 - 68.9245i; -33.92918 + 68.9245i (0.08179 s)

Residuals:

Initial (nom. resp curve): 868.9158589898536

Best fit: 343.5343845042154

Iteration count from solver: 6

Input filenames, with SEED and RESP files paired as appropriate:

IU\_MAJO\_CB\_BC0

IU\_MAJO\_00\_EHZ

RESP.IU.MAJO.00.BHZ

Residuals weighting:

Amplitude: 1036.1703528586088

Phase: 0.3118156073308762

Time of report generation:

2017.214.17:45:55

Data start time:

2017.213.18:52:59

Data end time:

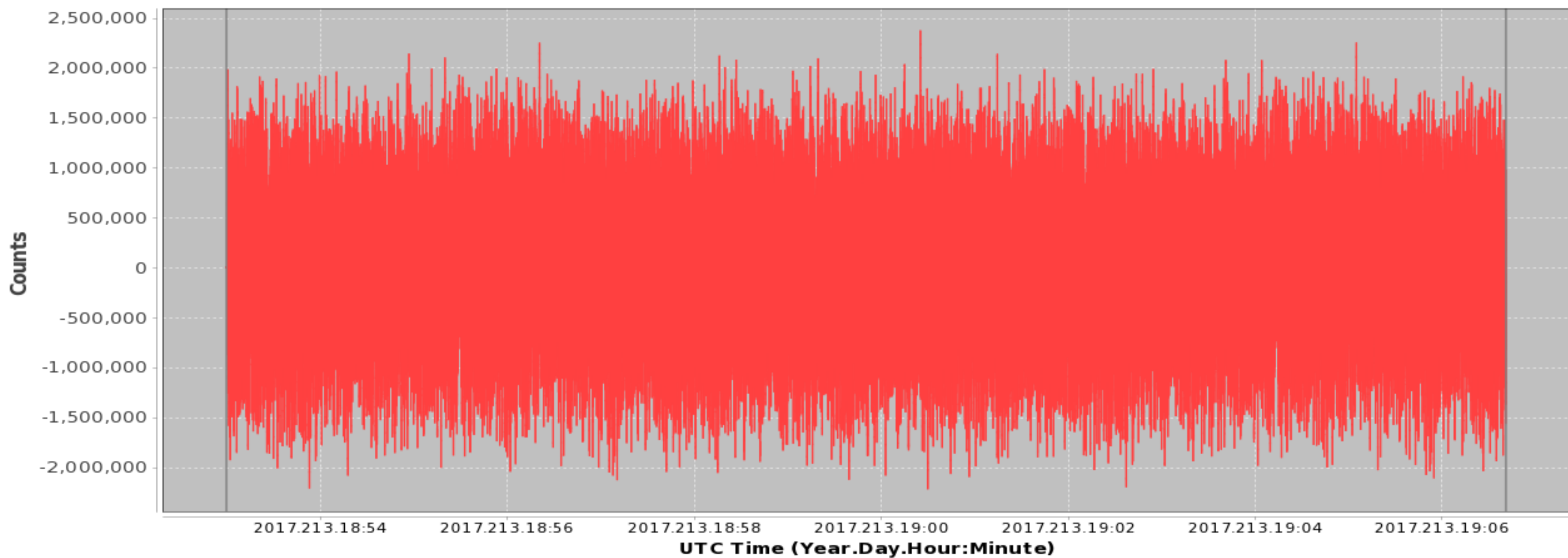
2017.213.19:06:40

POLE VARIABLES, AS CSV:

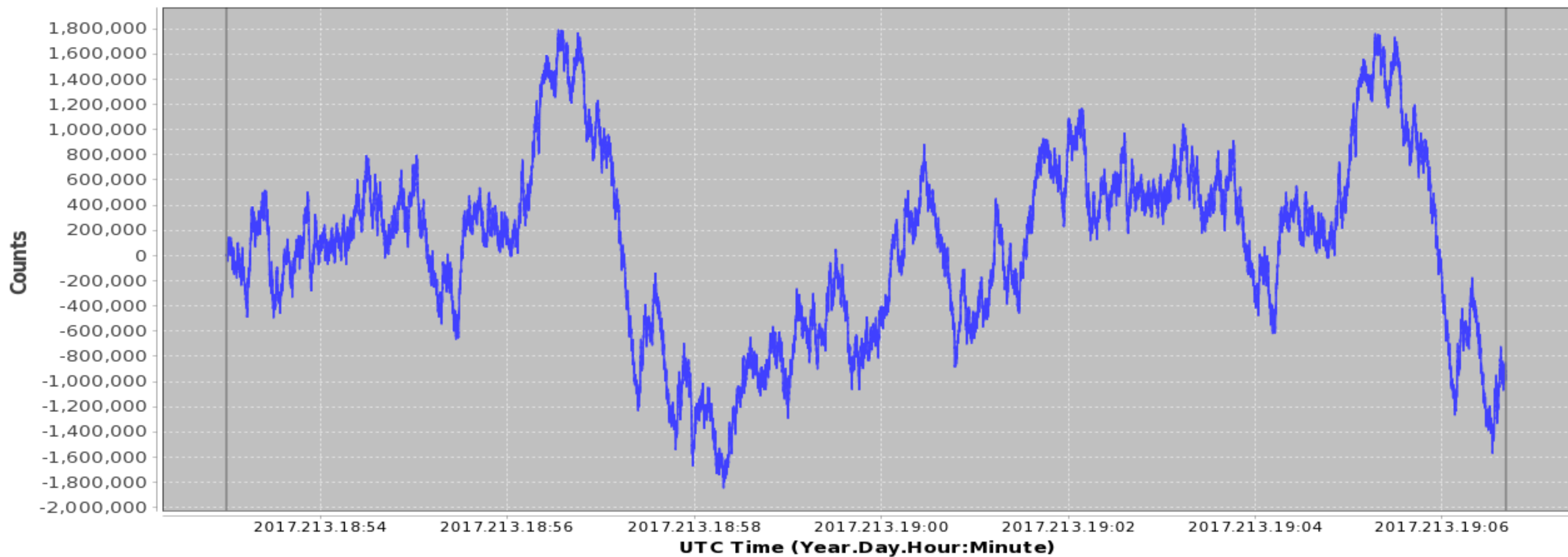
Init	Fit	Diff	Mean	PctDiff
-39.18	-33.9292	-5.2508	-36.5546	+15.4758
+49.12	+68.9245	-19.8045	+59.0222	-28.7336



**IU\_MAJO\_CB\_BC0 (200.0 Hz)**



**IU\_MAJO\_00\_EHZ (200.0 Hz)**



Response name: RESP.IU.MAJO.00.BHZ

Gain stage values:

0: 6,007,140,000

1: 3,580.54

2: 1,677,720

3: 1

4: 1

5: 1

6: 1

Normalization: 3949.21

Normalization frequency (Hz): 0.05

Transfer function is LAPLACIAN

Response input units: velocity (m/s)

Response zeros:

0: 0

1: 0

2: -0.0136

3: -0.0136

Response poles:

0: -0.0077

1: -0.0126 + 0.0123i

2: -0.0126 - 0.0123i

3: -0.019

4: -39.18 + 49.12i

5: -39.18 - 49.12i