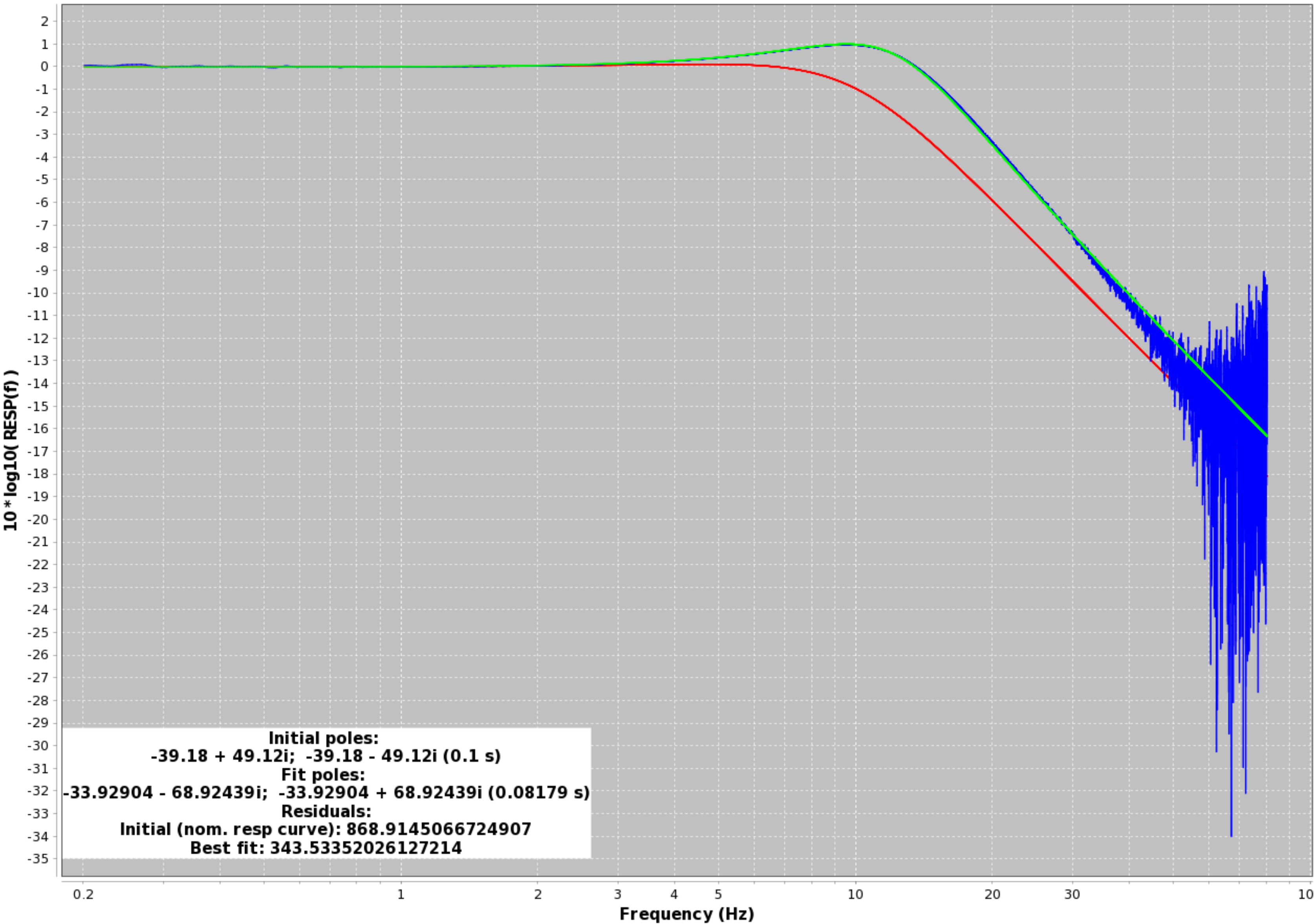
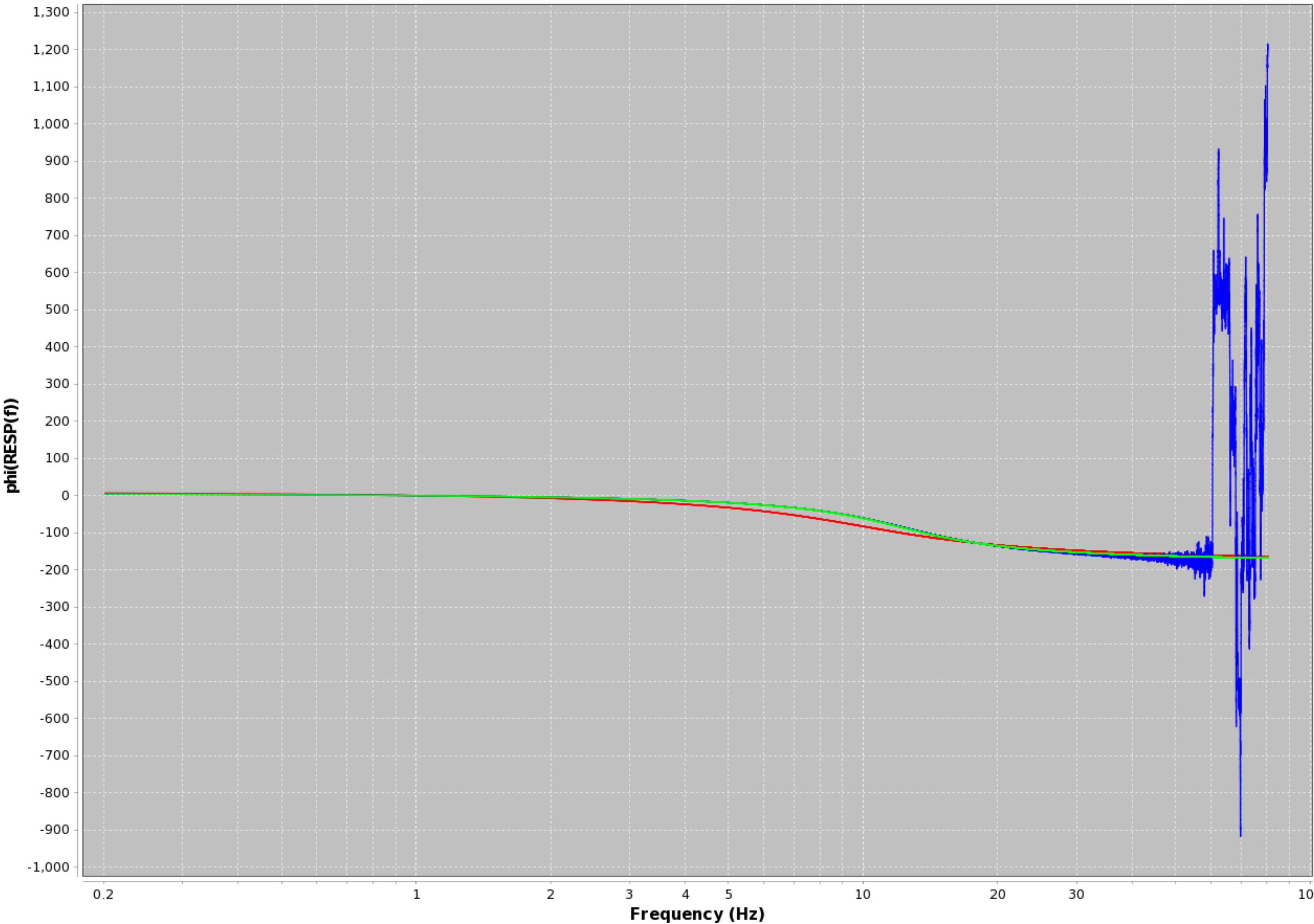


Randomized calibration (HIGH FREQ.)



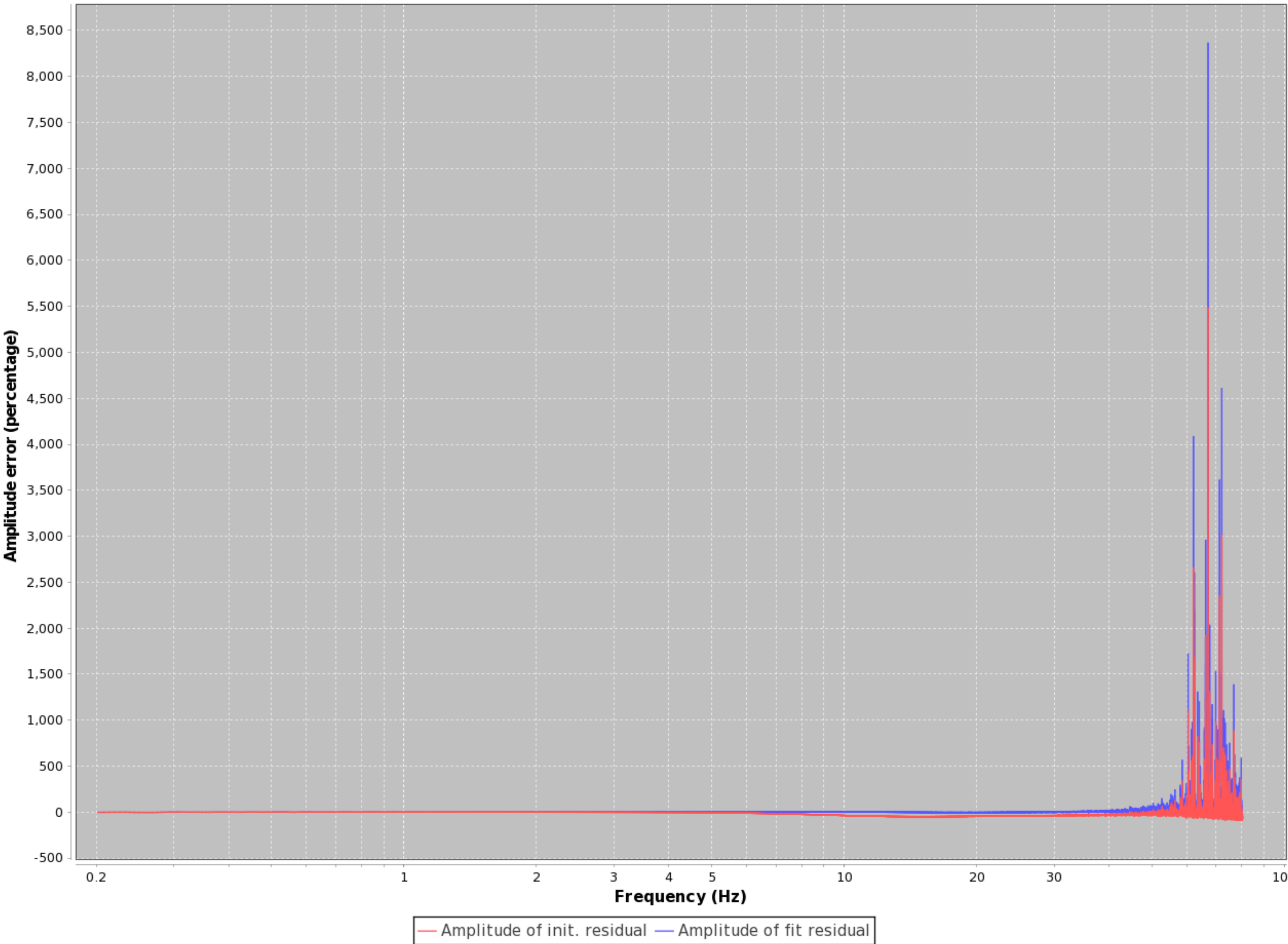
Initial param (STS-1_Q330HR_BH_20) magnitude Calc. resp. (IU_MAJO_00_EHZ) magnitude Fit resp. magnitude

Randomized calibration (HIGH FREQ.)

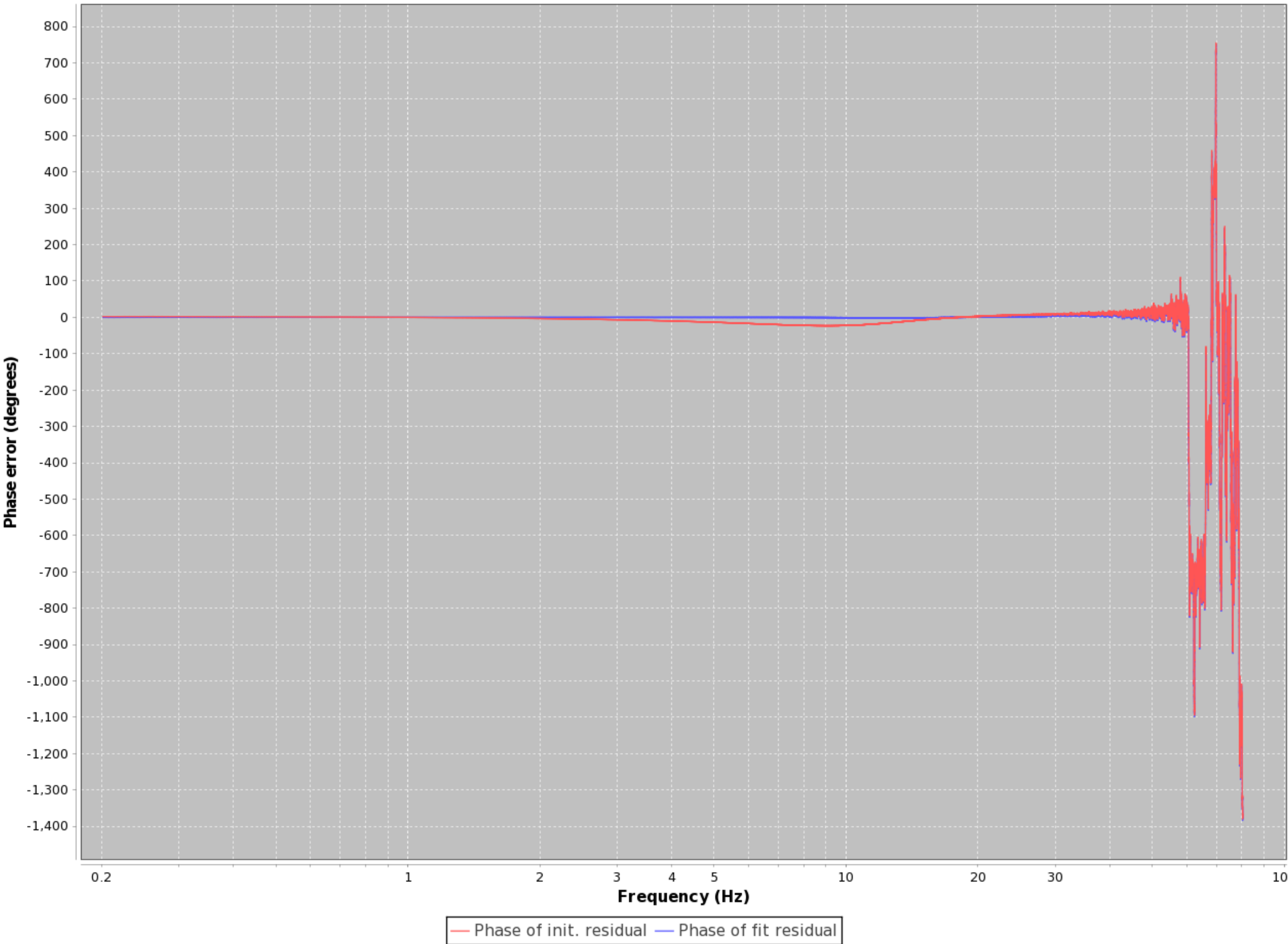


Initial param (STS-1_Q330HR_BH_20) phase Calc. resp. (IU_MAJO_00_EHZ) phase Fit resp. phase

Randomized calibration



Randomized calibration



Initial poles:

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

Fit poles:

-33.92904 - 68.92439i; -33.92904 + 68.92439i (0.08179 s)

Residuals:

Initial (nom. resp curve): 868.9145066724907

Best fit: 343.53352026127214

Iteration count from solver: 6

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

IU_MAJO_CB_BC0

IU_MAJO_00_EHZ

STS-1_Q330HR_BH_20

Residuals weighting:

Amplitude: 1036.1703528586088

Phase: 0.3118156073308762

Time of report generation:

2017.214.17:47:17

Data start time:

2017.213.18:52:59

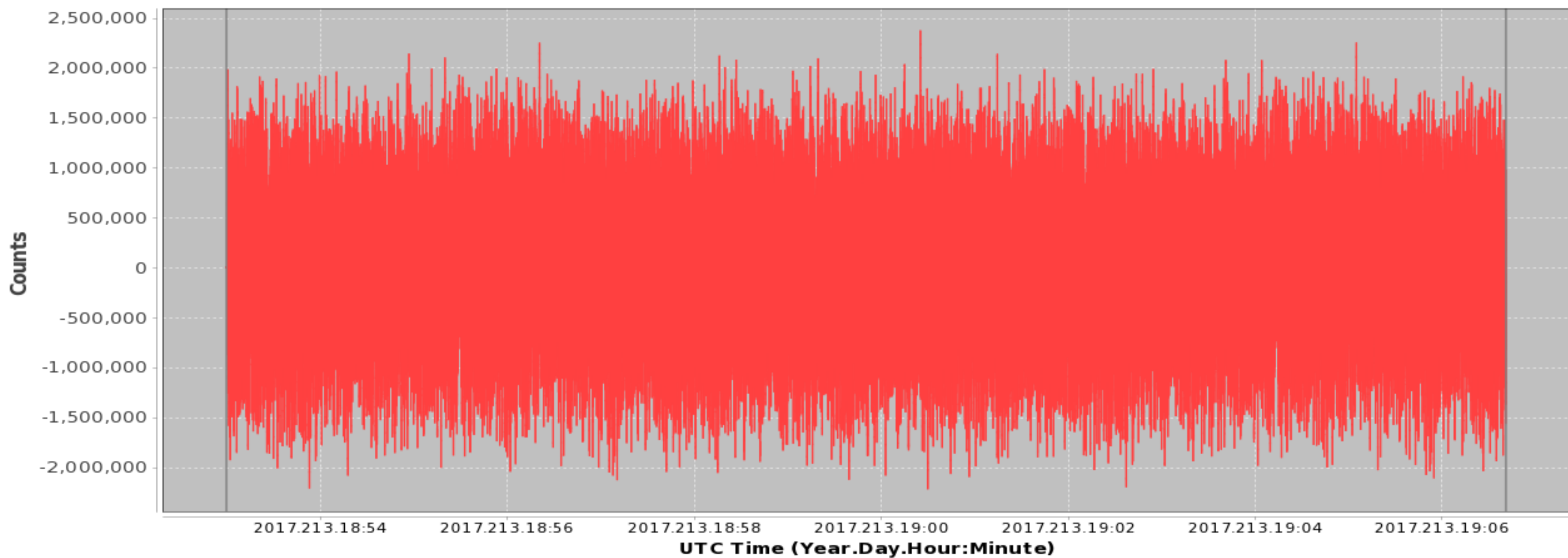
Data end time:

2017.213.19:06:40

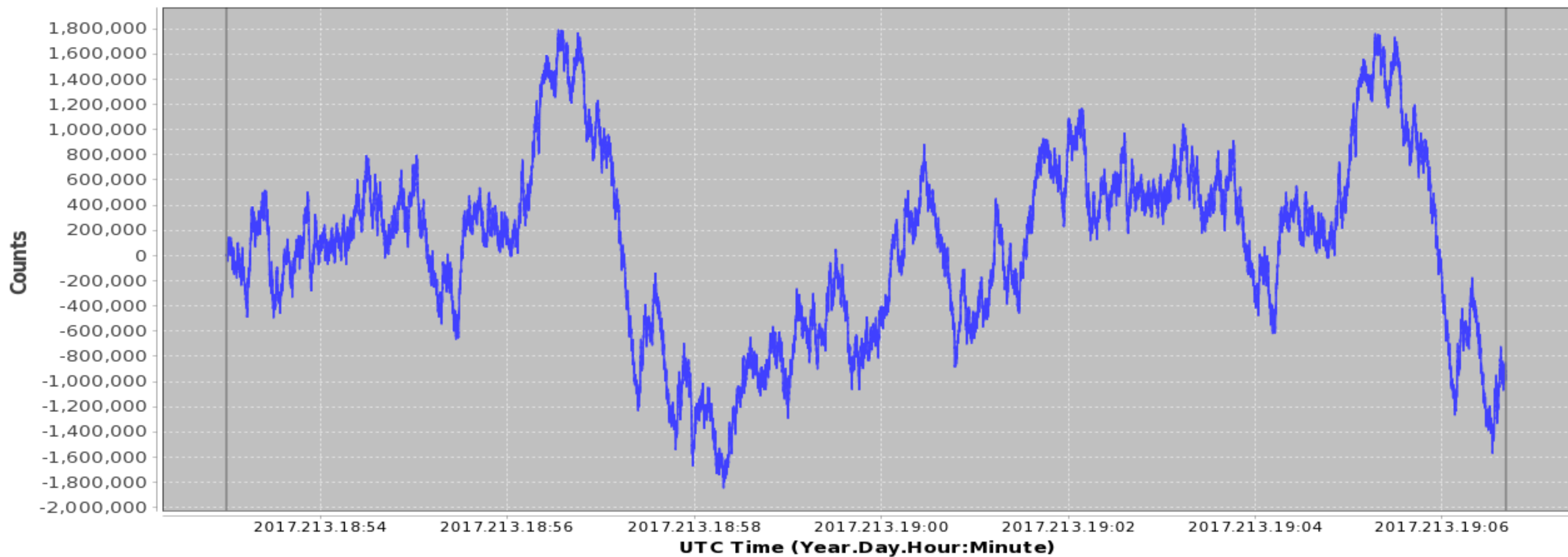
POLE VARIABLES, AS CSV:

Init	Fit	Diff	Mean	PctDiff
-39.18	-33.929	-5.251	-36.5545	+15.4763
+49.12	+68.9244	-19.8044	+59.0222	-28.7335

IU_MAJO_CB_BC0 (200.0 Hz)



IU_MAJO_00_EHZ (200.0 Hz)



Response name: STS-1_Q330HR_BH_20
Gain stage values:
0: 4,026,530,000
1: 2,400
2: 1,677,721
Normalization: 3948.58
Normalization frequency (Hz): 0.02
Transfer function is LAPLACIAN
Response input units: velocity (m/s)
Response zeros:
0: 0
1: 0
Response poles:
0: $-0.0123 + 0.0123i$
1: $-0.0123 - 0.0123i$
2: $-39.18 + 49.12i$
3: $-39.18 - 49.12i$