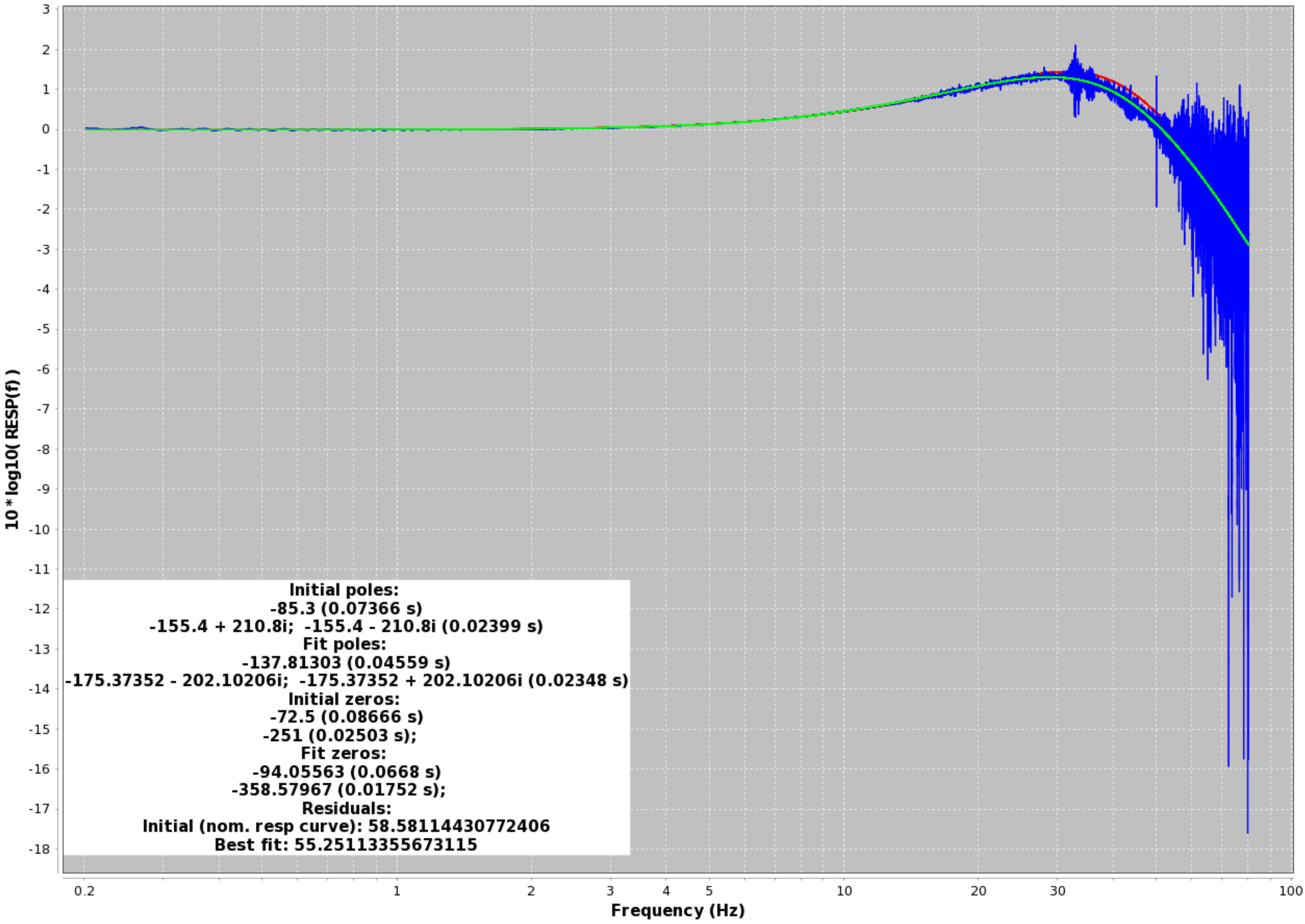
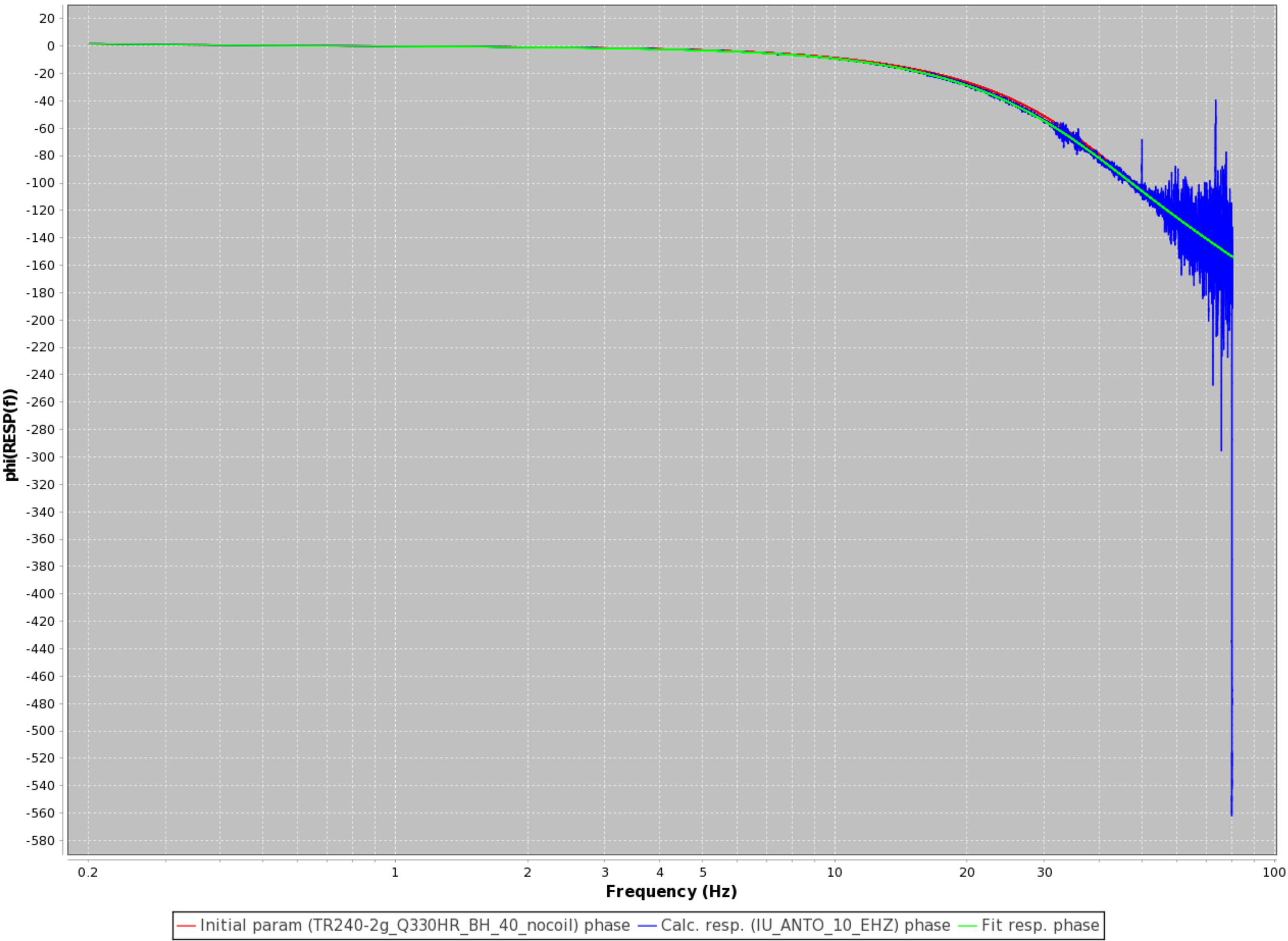
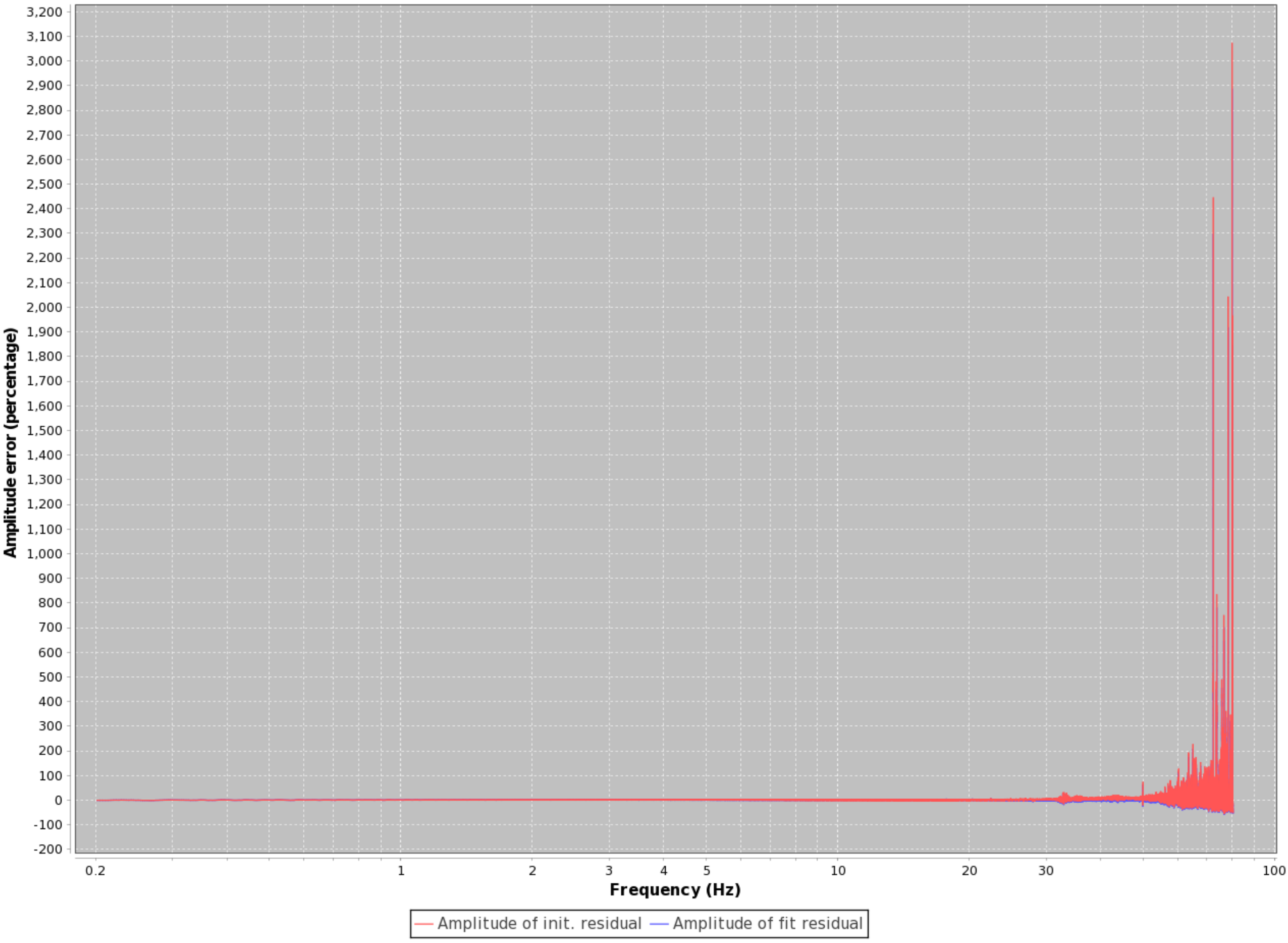
Randomized calibration (HIGH FREQ.)



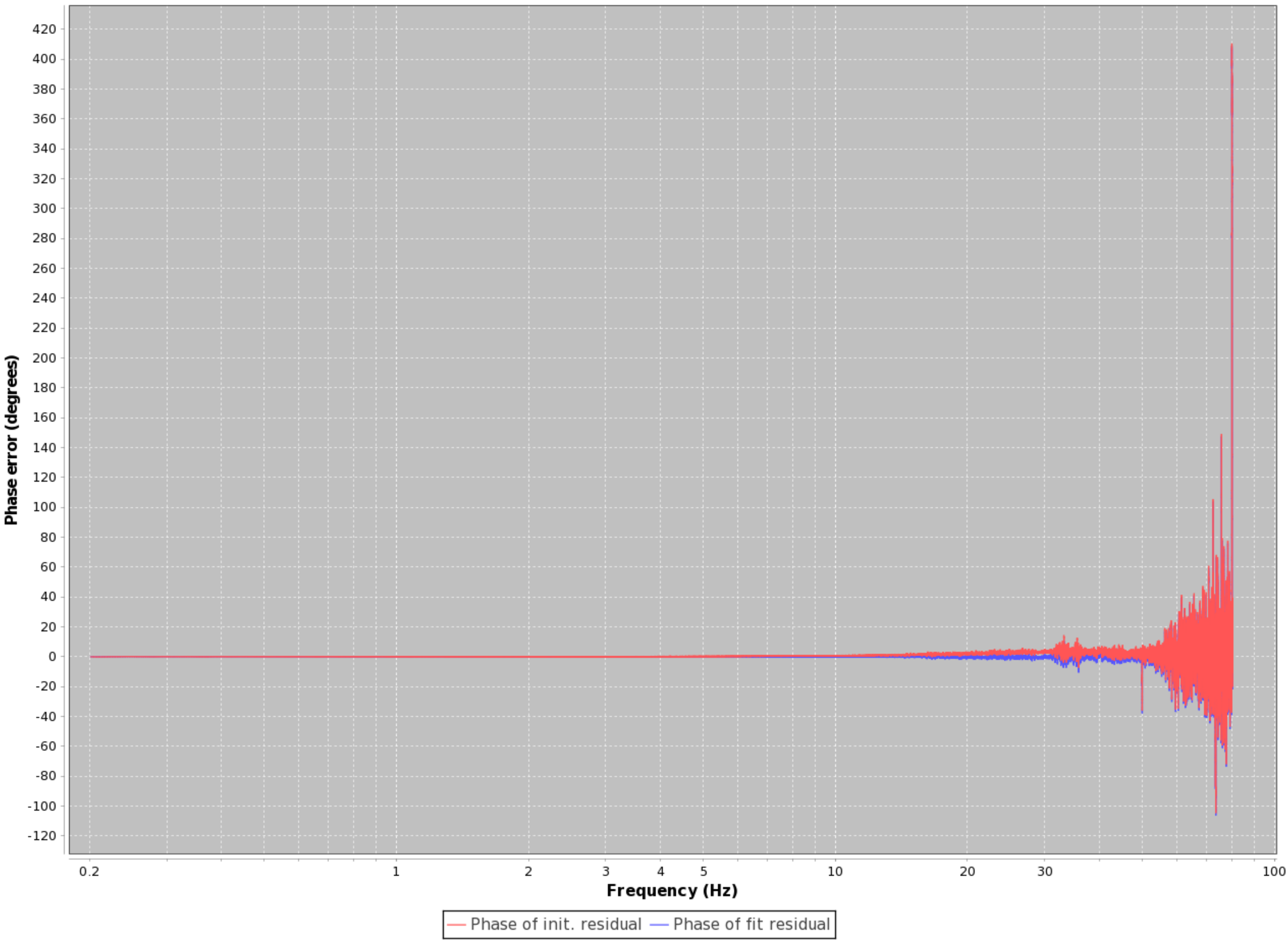
Randomized calibration (HIGH FREQ.)



Randomized calibration



Randomized calibration



Initial poles:
-85.3 (0.07366 s)
-155.4 + 210.8i; -155.4 - 210.8i (0.02399 s)
Fit poles:
-137.81303 (0.04559 s)
-175.37352 - 202.10206i; -175.37352 + 202.10206i (0.02348 s)
Initial zeros:
-72.5 (0.08666 s)
-251 (0.02503 s);
Fit zeros:
-94.05563 (0.0668 s)
-358.57967 (0.01752 s);
Residuals:
Initial (nom. resp curve): 58.58114430772406
Best fit: 55.25113355673115

Iteration count from solver: 11
Input filenames, with SEED and RESP files paired as appropriate:
IU_ANTO_CB_BC1
IU_ANTO_10_EHZ
TR240-2g_Q330HR_BH_40_nocoil
Residuals weighting:
    Amplitude: 475.1802115030698
    Phase: 1.0

Time of report generation:
2017.235.17:56:25
Data start time:
2017.158.04:21:38
Data end time:
2017.158.04:35:01

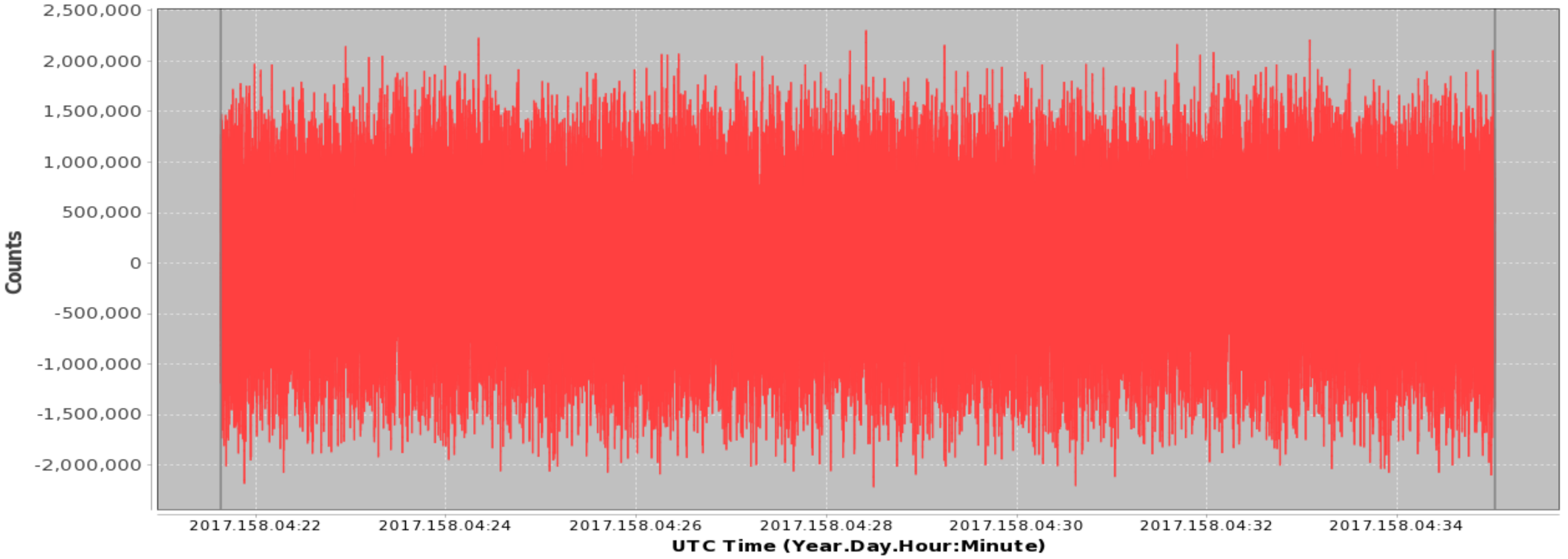
POLE VARIABLES, AS CSV:

Init	Fit	Diff	Mean	PctDiff
-85.3	-137.813	+52.513	-111.5565	-38.1045
+0	+0	+0	+0	+0
-155.4	-175.3735	+19.9735	-165.3868	-11.3891
+210.8	+202.1021	+8.6979	+206.451	+4.3037

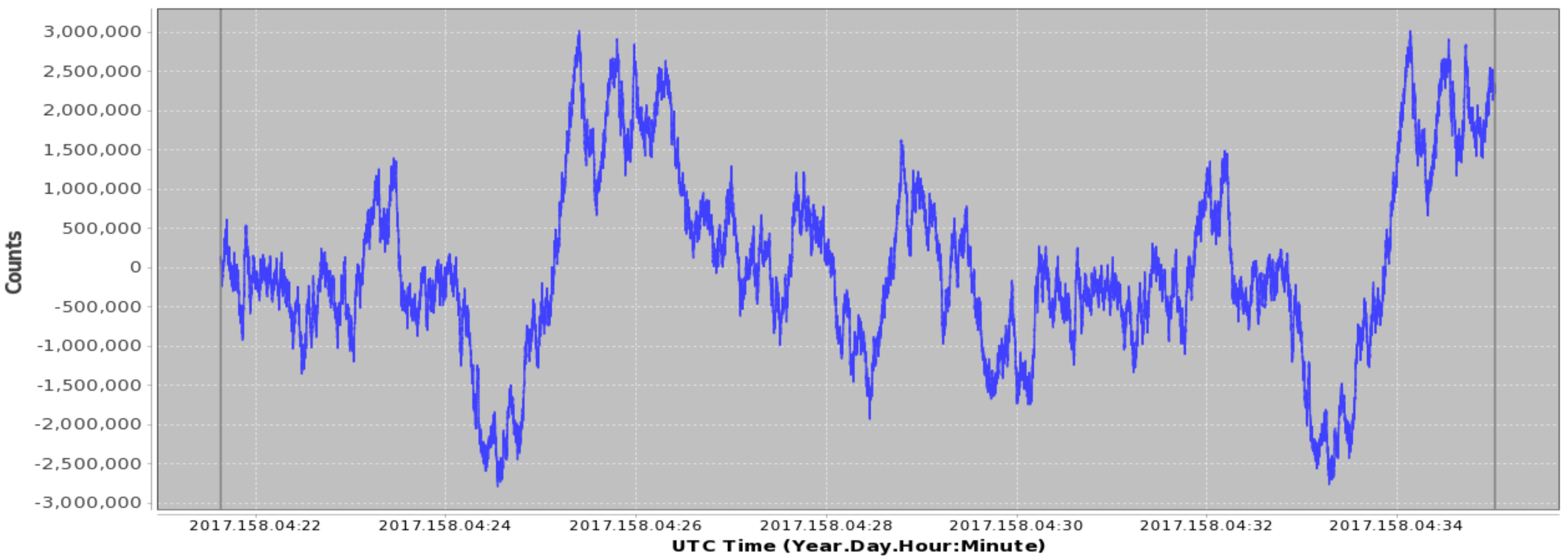
ZERO VARIABLES, AS CSV:

Init	Fit	Diff	Mean	PctDiff
-72.5	-94.0556	+21.5556	-83.2778	-22.918
+0	+0	+0	+0	+0
-251	-358.5797	+107.5797	-304.7898	-30.0016
+0	+0	+0	+0	+0

IU_ANTO_CB_BC1 (200.0 Hz)



IU_ANTO_10_EHZ (200.0 Hz)



Response name: TR240-2g_Q330HR_BH_40_nocoil
Gain stage values:
0: 1,994,810,269
1: 1,189
2: 1,677,721
Normalization: 2.46316029129E23
Normalization frequency (Hz): 1.0
Transfer function is LAPLACIAN
Response input units: velocity (m/s)
Response zeros:
0: 0
1: 0
2: -72.5
3: -251
Response poles:
0: -0.0177 + 0.0176i
1: -0.0177 - 0.0176i
2: -85.3
3: -155.4 + 210.8i
4: -155.4 - 210.8i
5: -713
6: -1,140
7: -4,300
8: -5,800
9: -4,300 + 4,400i
10: -4,300 - 4,400i