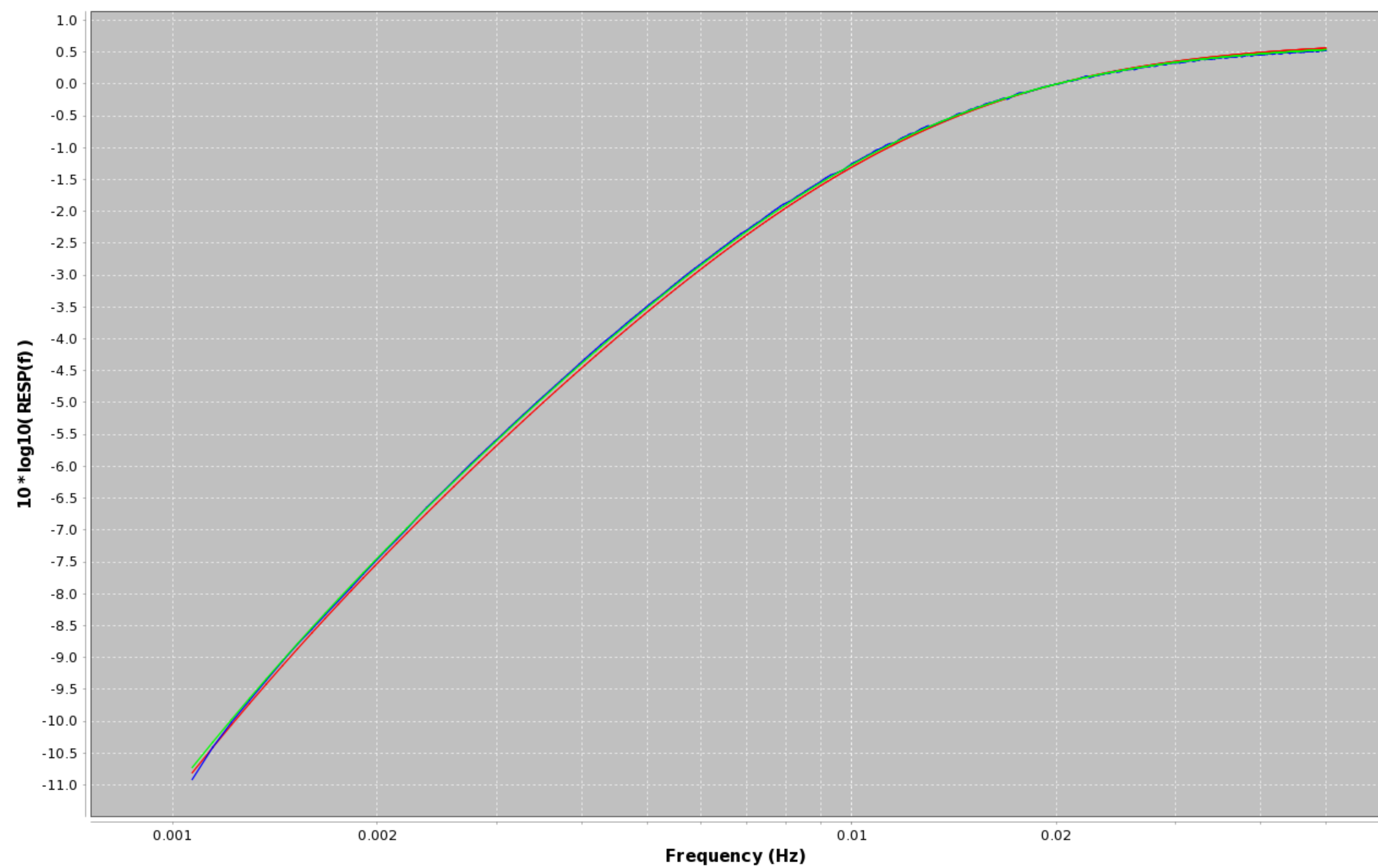


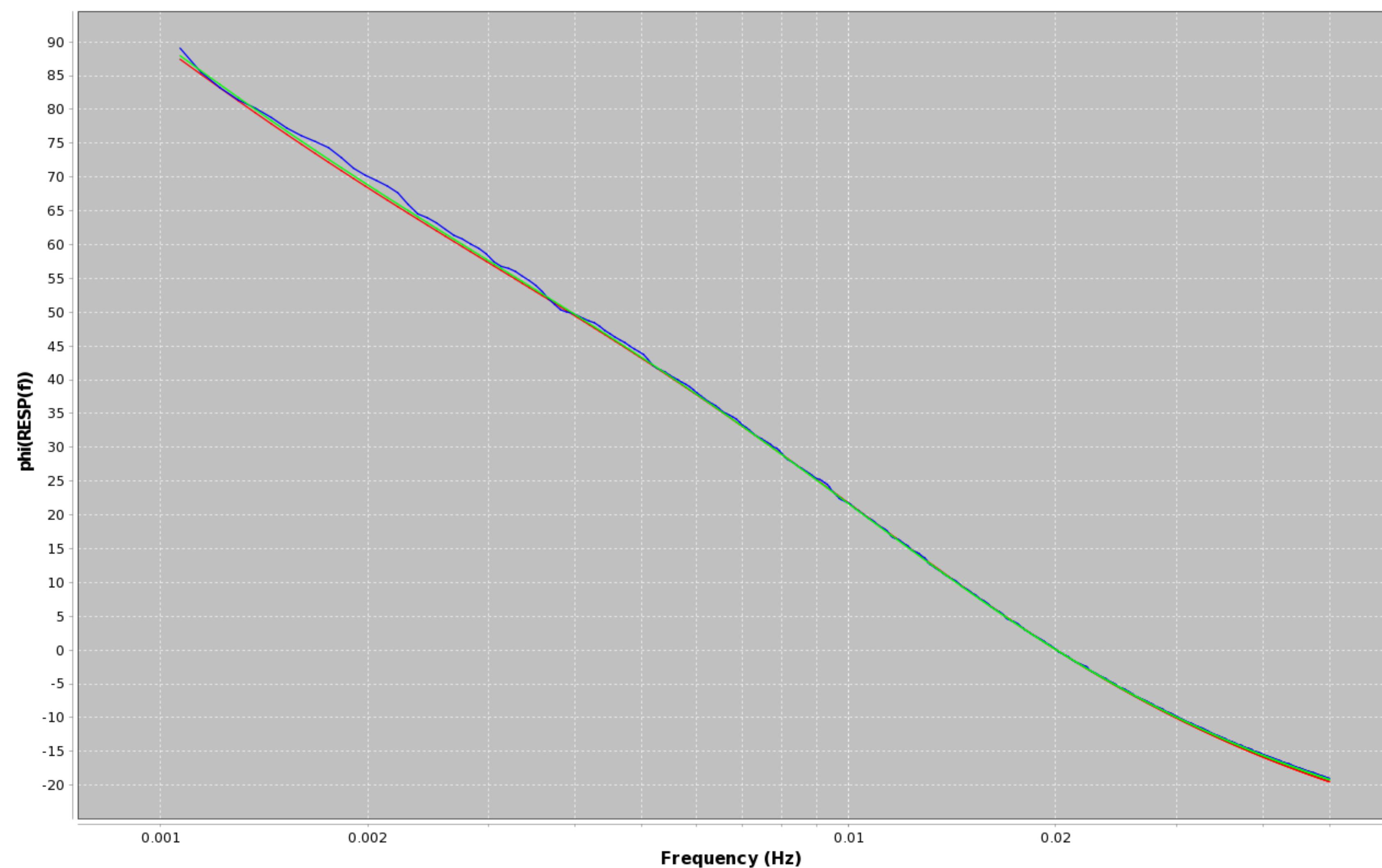
Randomized calibration (LOW FREQ.)



— Initial param (KS54000_Q330HR_BH_40) magnitude — Calc. resp. (IU_ANMO_00_BHZ) magnitude — Fit resp. magnitude

Initial poles: -0.0048 (1308.88787 s); -0.07676 (81.85974 s) Residuals: 674.8559410391524
Fit poles: -0.0048 (1308.88787 s); -0.07477 (84.03743 s) Best fit: 352.8896537704659
NUMBER OF ITERATIONS: 9

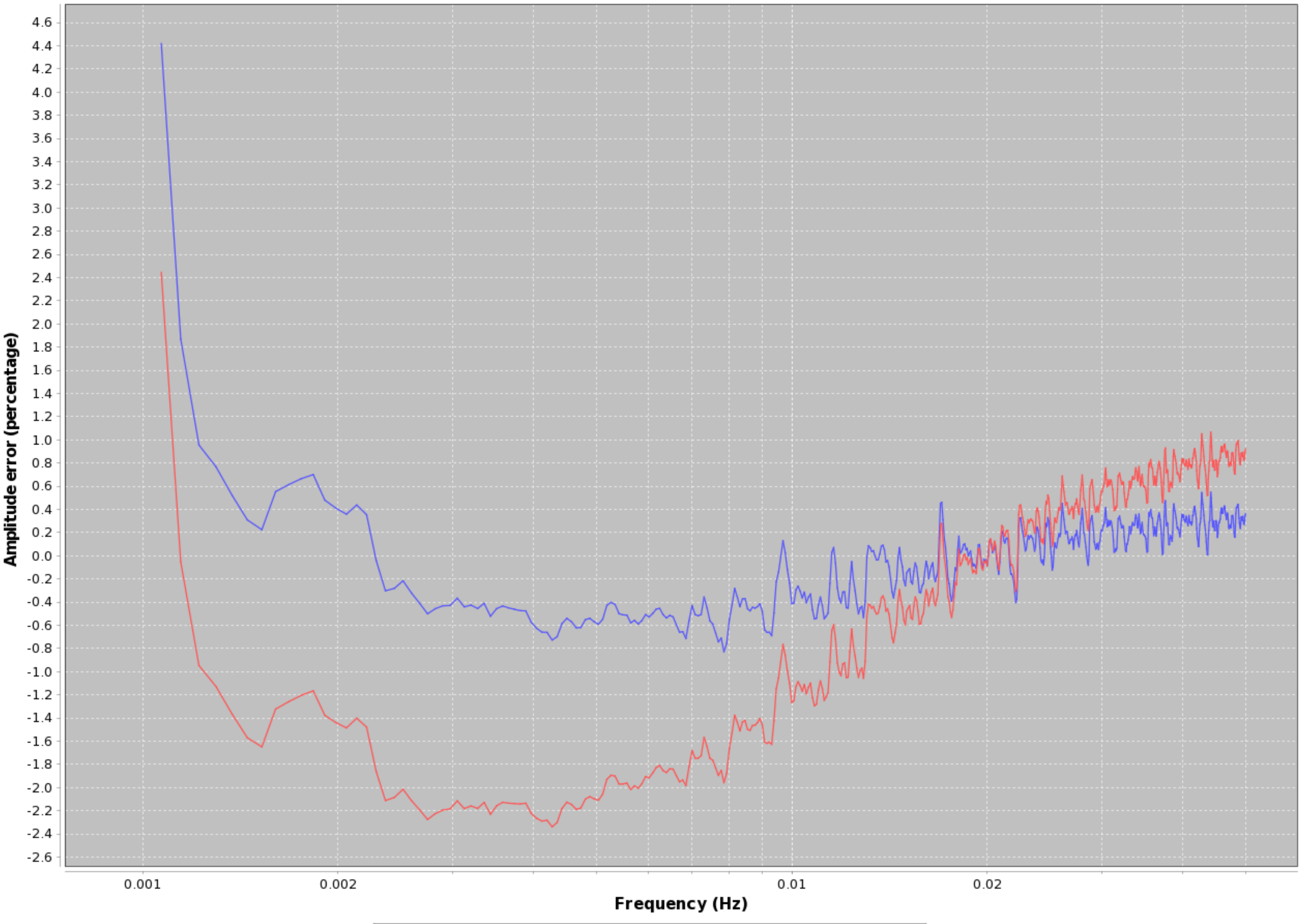
Randomized calibration (LOW FREQ.)



— Initial param (KS54000_Q330HR_BH_40) phase — Calc. resp. (IU_ANMO_00_BHZ) phase — Fit resp. phase

Initial poles: -0.0048 (1308.88787 s); -0.07676 (81.85974 s) Initial (nom. resp curve): 674.8559410391524
Fit poles: -0.0048 (1308.88787 s); -0.07477 (84.03743 s) Best fit: 352.8896537704659
NUMBER OF ITERATIONS: 9

Randomized calibration



Randomized calibration



Initial poles:

-0.0048 (1308.88787 s); -0.07676 (81.85974 s)

Fit poles:

-0.0048 (1308.88787 s); -0.07477 (84.03743 s)

Residuals:

Initial (nom. resp curve): 674.8559410391524

Best fit: 352.8896537704659

Iteration count from solver: 9

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

IU_ANMO_ _BC0

IU_ANMO_00_BHZ

KS54000_Q330HR_BH_40

Residuals weighting:

 Amplitude: 1906.8706433328211

 Phase: 0.6433335684533169

Time of report generation:

2017.249.19:57:44

Data start time:

2017.003.21:23:59

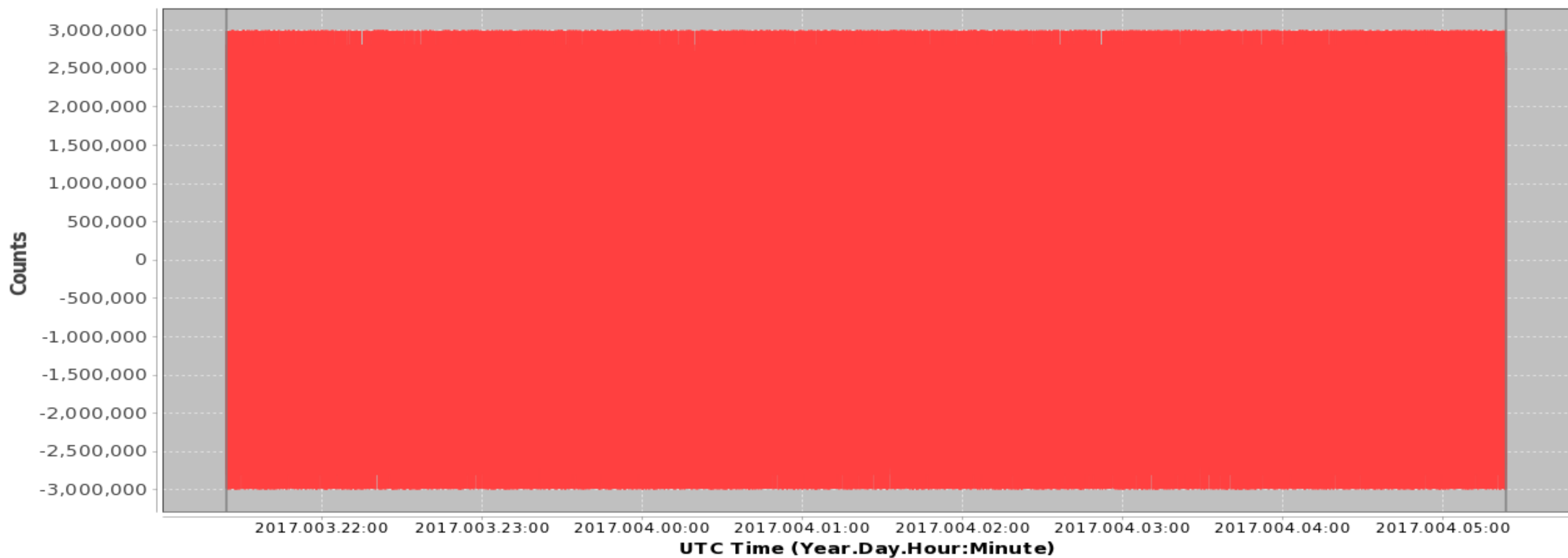
Data end time:

2017.004.05:23:31

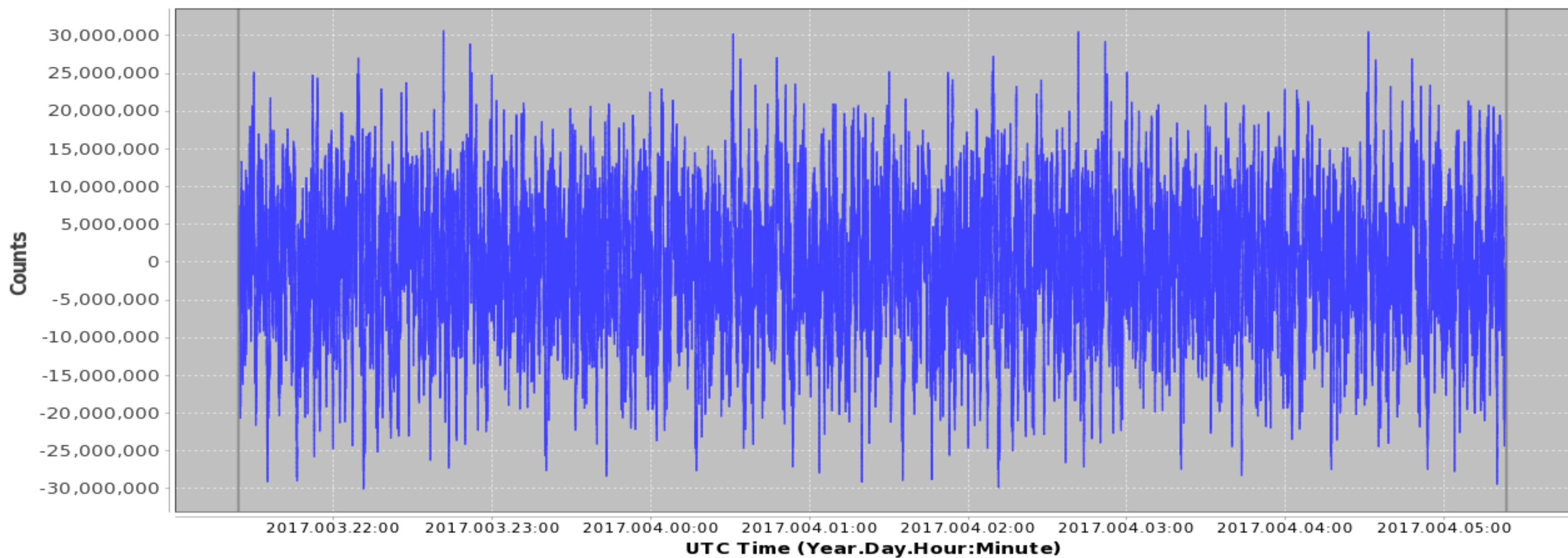
POLE VARIABLES, AS CSV:

Init	Fit	Diff	Mean	PctDiff
-0.0048	-0.0048	+0	-0.0048	-0
+0	+0	+0	+0	+0
-0.0768	-0.0748	-0.002	-0.0758	+2.6603
+0	+0	+0	+0	+0

IU_ANMO_ _BC0 (20.0 Hz)



IU_ANMO_00_BHZ (20.0 Hz)



Response name: KS54000_Q330HR_BH_40
Gain stage values:
0: 3,355,442,000
1: 2,000
2: 1,677,720
Normalization: 38499.14
Normalization frequency (Hz): 0.02
Transfer function is LAPLACIAN
Response input units: velocity (m/s)
Response zeros:
0: 0
1: 0
Response poles:
0: -0.0048
1: -0.0768
2: -22.7121 + 27.1065i
3: -22.7121 - 27.1065i
4: -59.4313