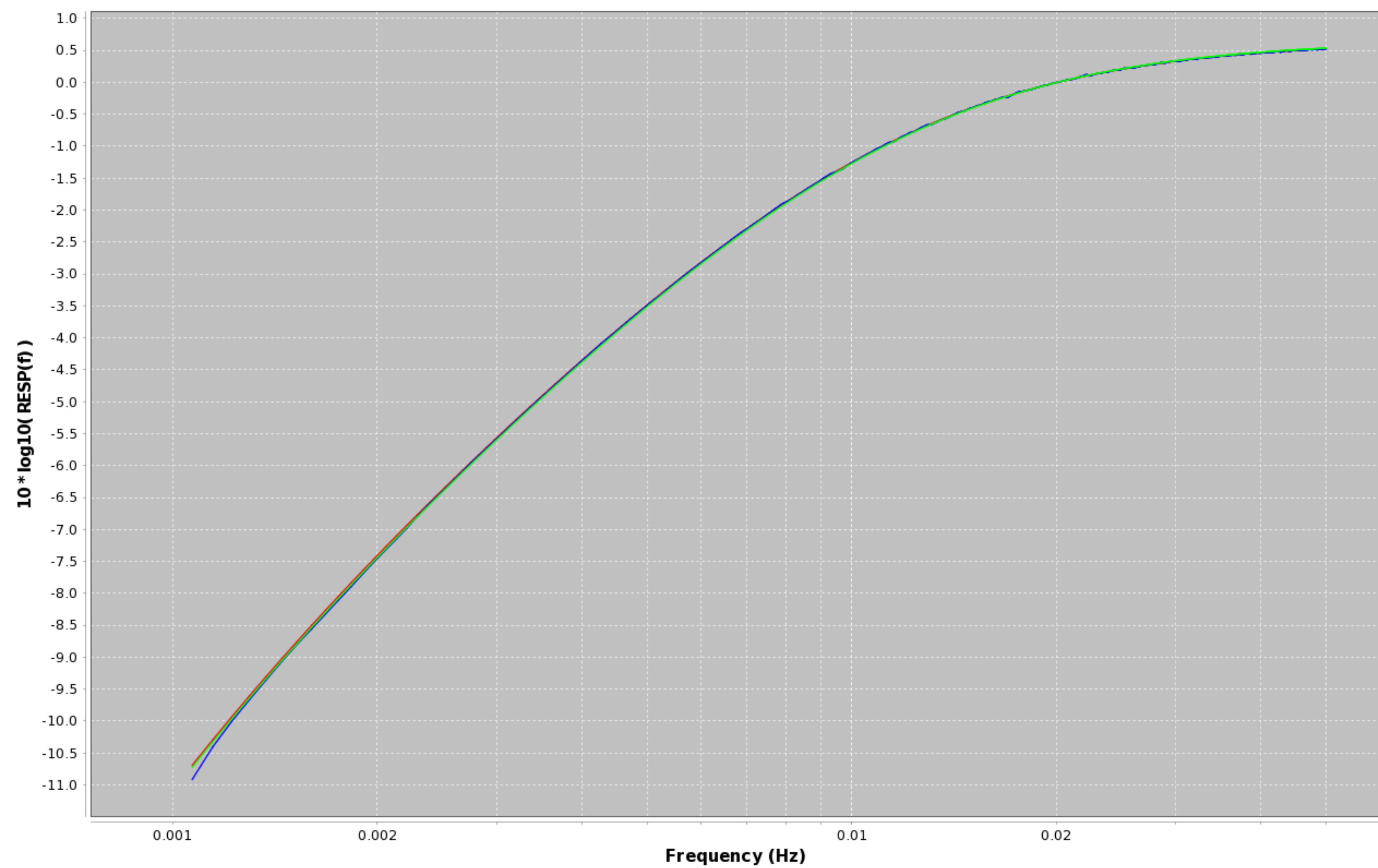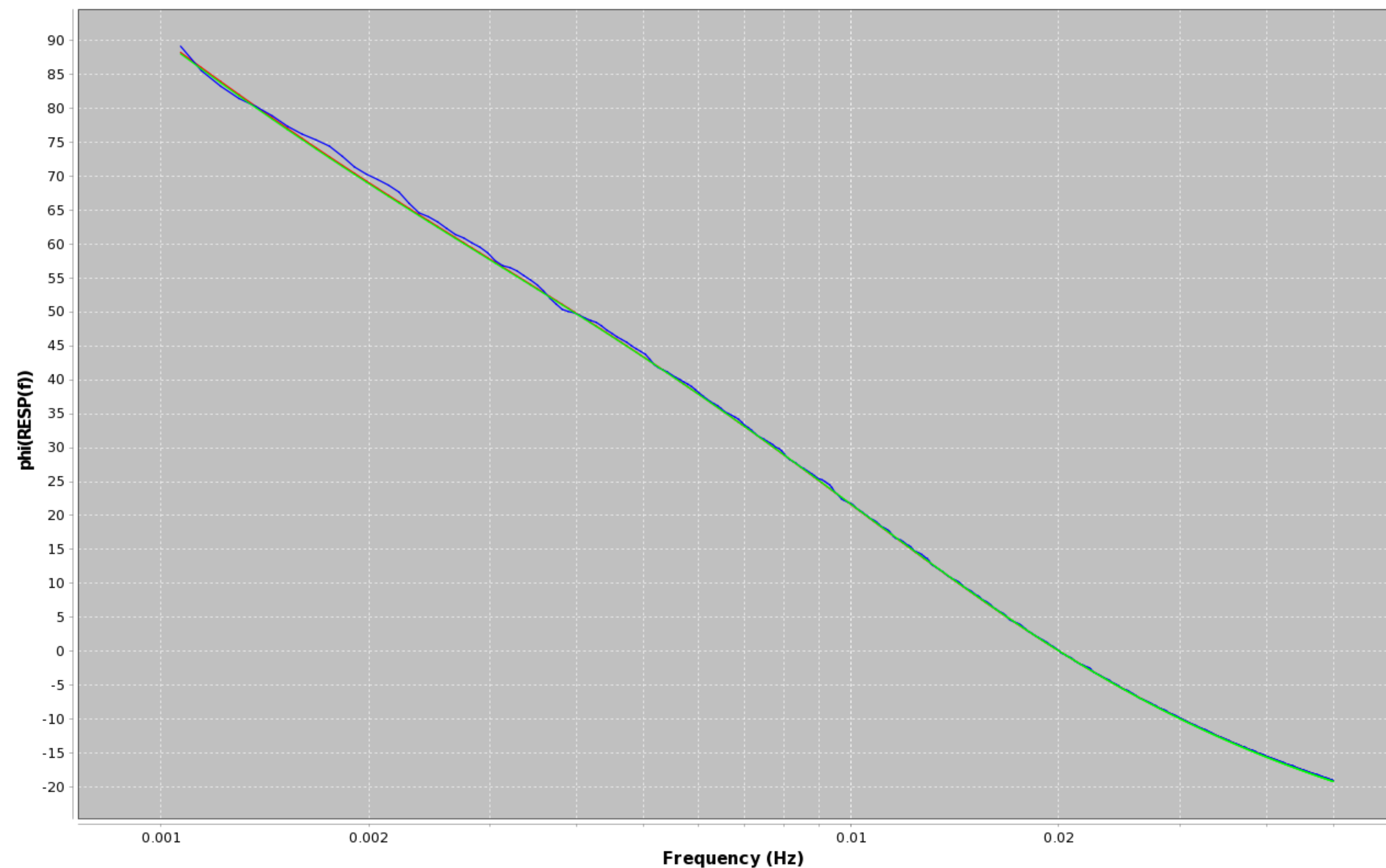# Randomized calibration (LOW FREQ.)

— Initial param (RESP.IU.ANMO.00.BHZ) magnitude — Calc. resp. (IU_ANMO_00_BHZ) magnitude — Fit resp. magnitude

Initial poles:
-0.0048 (1308.88787 s); -0.07394 (84.97612 s) **Residuals:**
Initial (nom. resp curve): 416.9081012016736
Fit poles:
-0.0048 (1308.88787 s); -0.07472 (84.08989 s) **Best fit: 347.4328165048994**
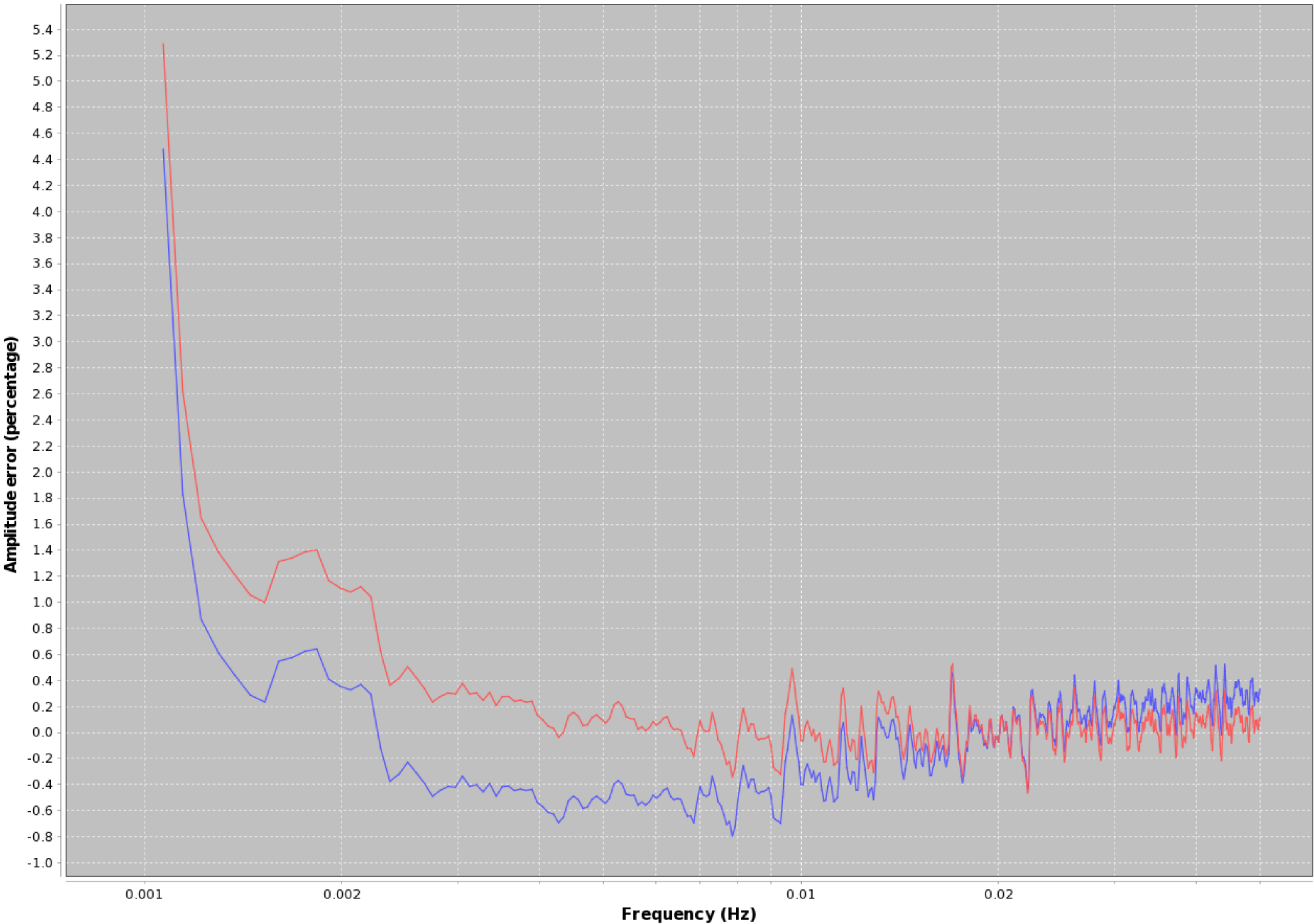**NUMBER OF ITERATIONS: 5**

Randomized calibration (LOW FREQ.)

— Initial param (RESP.IU.ANMO.00.BHZ) phase — Calc. resp. (IU_ANMO_00_BHZ) phase — Fit resp. phase
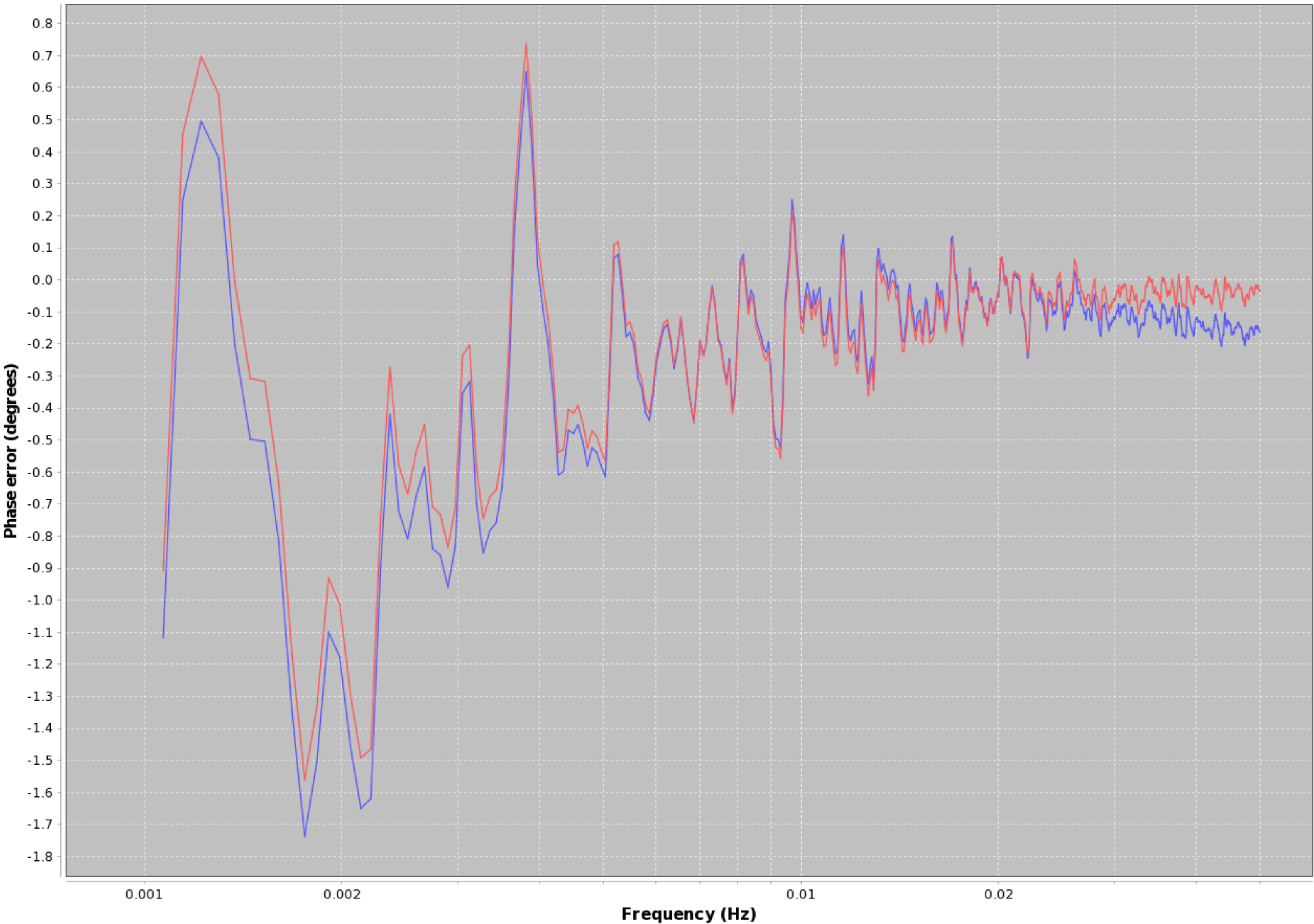
Initial poles:
-0.0048 (1308.88787 s); -0.07394 (84.97612 s) **Residuals:**
Initial (nom. resp curve): 416.9081012016736
Fit poles:
-0.0048 (1308.88787 s); -0.07472 (84.08989 s) **Best fit: 347.4328165048994**
NUMBER OF ITERATIONS: 5

Randomized calibration

Percent error of init. amplitude — Percent error of fit amplitude

Randomized calibration

Diff. with init phase — Diff with fit phase

Initial poles:
-0.0048 (1308.88787 s);   -0.07394 (84.97612 s)
Fit poles:
-0.0048 (1308.88787 s);   -0.07472 (84.08989 s)
Residuals:
Initial (nom. resp curve): 416.9081012016736
Best fit: 347.4328165048994

Iteration count from solver: 5
Input filenames, with SEED and RESP files paired as appropriate:
IU_ANMO_ _BC0
IU_ANMO_00_BHZ
RESP.IU.ANMO.00.BHZ
Residuals weighting:
    Amplitude: 1903.6477322411283
    Phase: 0.6431331180483493

Time of report generation:
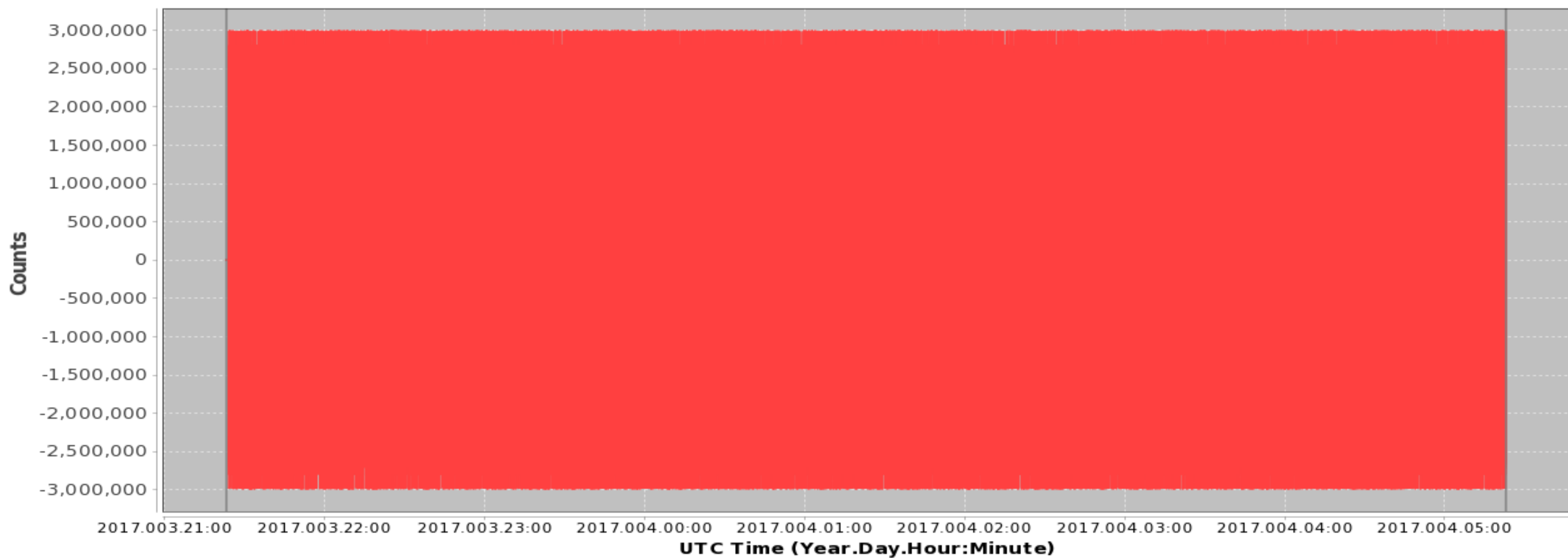2017.250.16:22:21
Data start time:
2017.003.21:23:05
Data end time:
2017.004.05:22:58

```
POLE VARIABLES, AS CSV:
Init      Fit       Diff      Mean      PctDiff
-0.0048   -0.0048   +0        -0.0048   -0
+0        +0        +0        +0        +0
-0.0739   -0.0747   +0.0008   -0.0743   -1.0429
+0        +0        +0        +0        +0
```
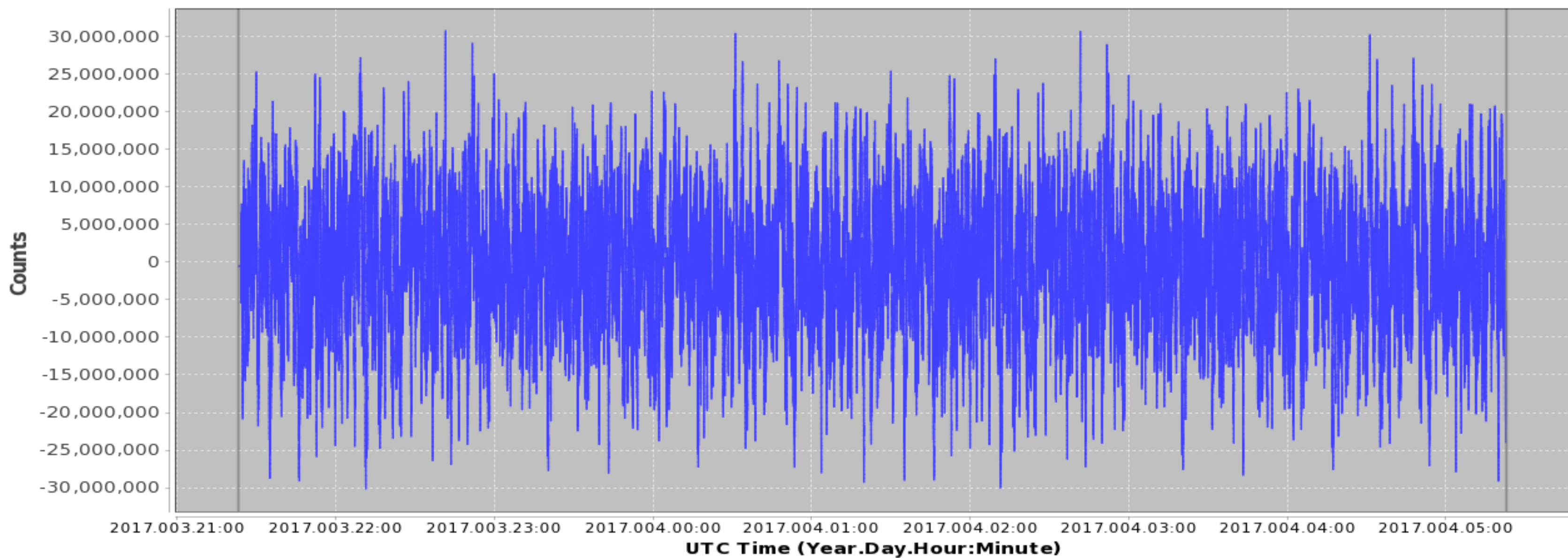
IU_ANMO_ _BC0 (20.0 Hz)

IU_ANMO_00_BHZ (20.0 Hz)

Response name: RESP.IU.ANMO.00.BHZ
Gain stage values:
0: 3,404,090,000
1: 2,029
2: 1,677,720
3: 1
4: 1
5: 1
6: 1
Normalization: 86299.5
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: -0.0739
2: -22.7121 + 27.1065i
3: -22.7121 - 27.1065i
4: -59.4313