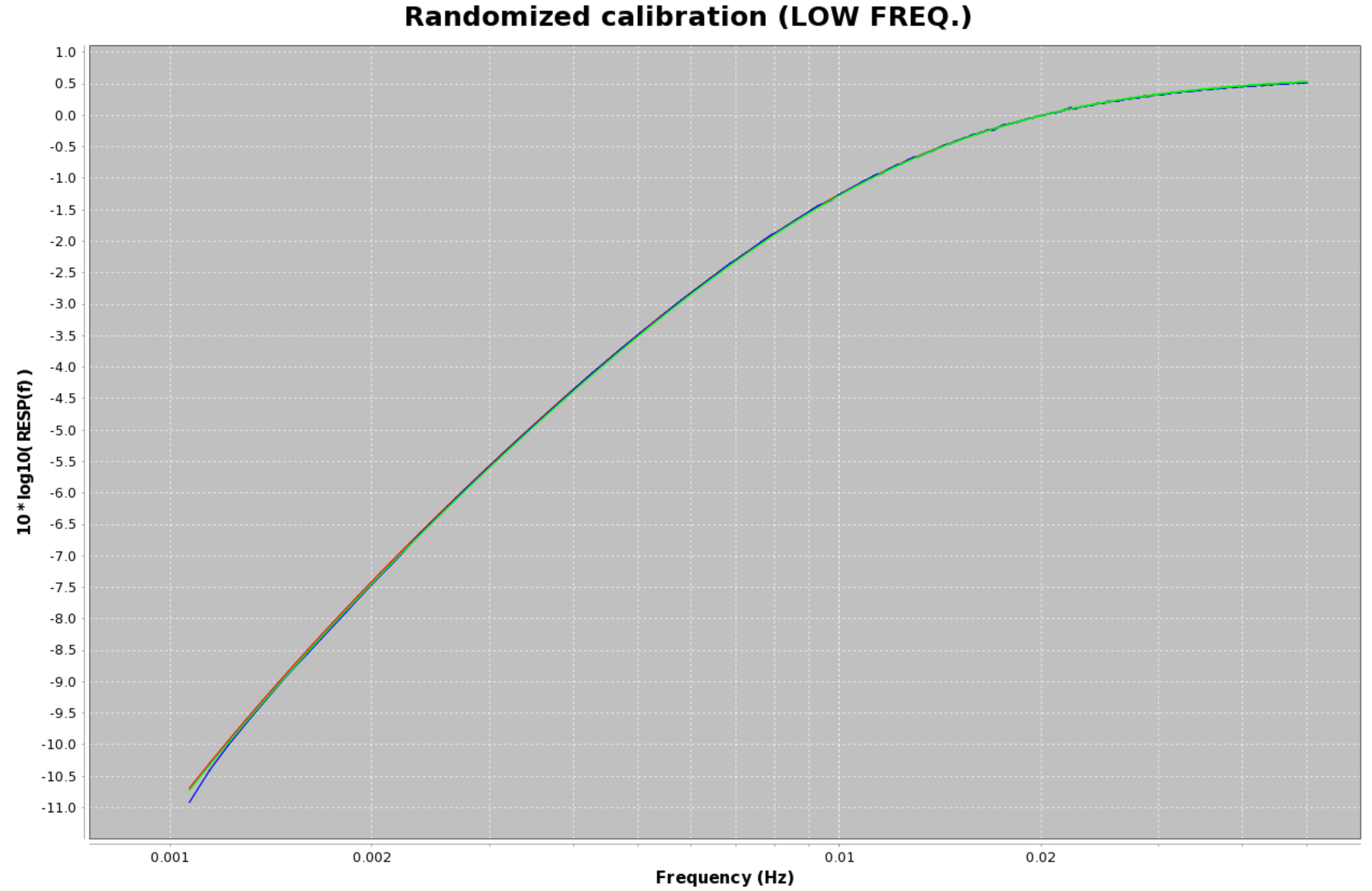
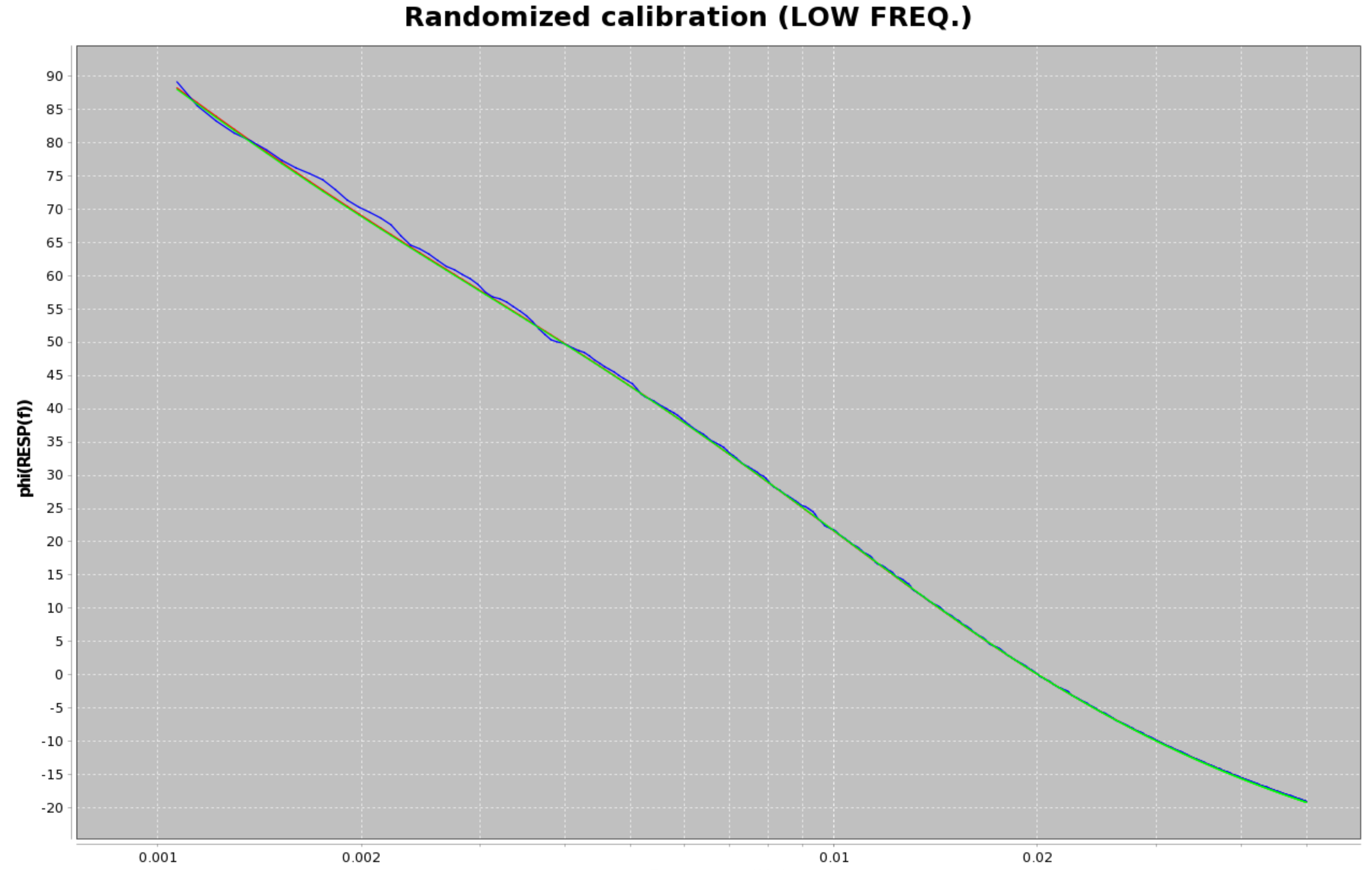



**Initial poles:**
**-0.0048 (1308.88787 s); -0.07394 (84.97612 s)**
**Fit poles:**
**-0.0048 (1308.88787 s); -0.07472 (84.08989 s)**

**Residuals:**
**Initial (nom. resp curve): 416.9081012016736**
**Best fit: 347.4328165048994**

**NUMBER OF ITERATIONS: 5**




**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**

**NUMBER OF ITERATIONS: 5**

## Randomized calibration


## Randomized calibration

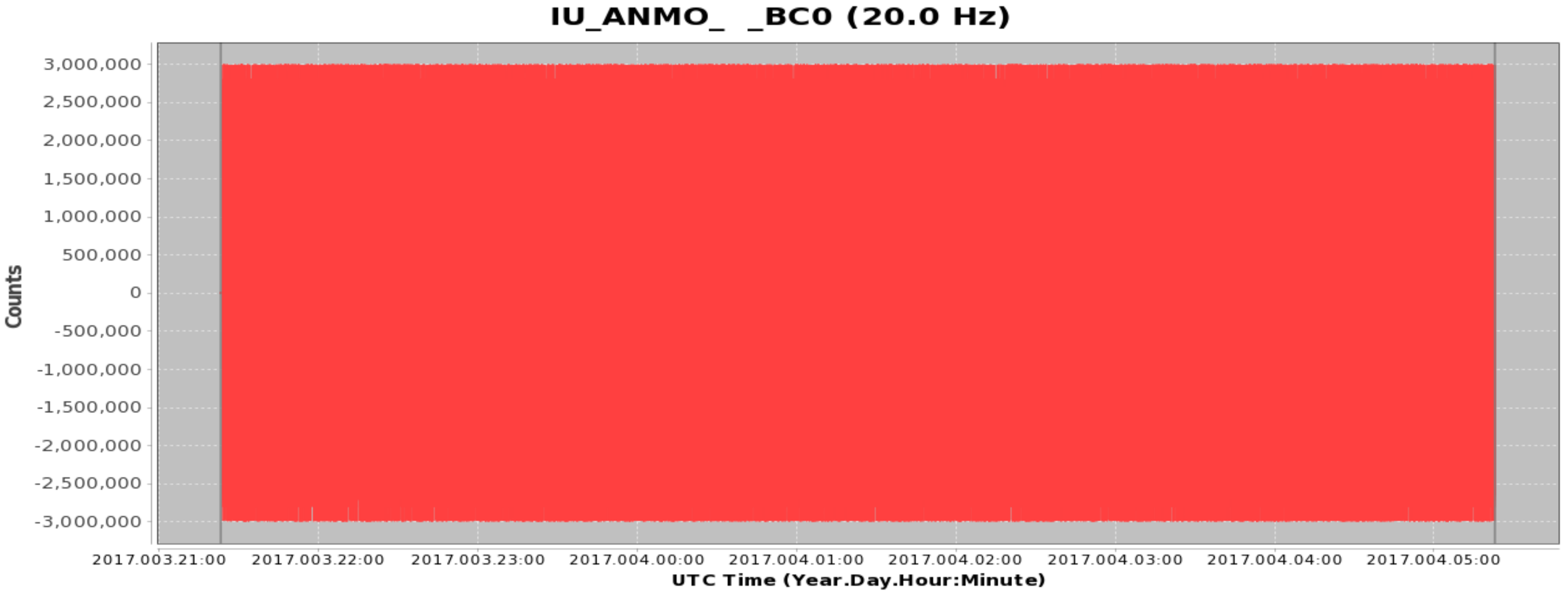
Initial poles:
-0.0048 (1308.88787 s);   -0.07394 (84.97612 s)
Fit poles:
-0.0048 (1308.88787 s);   -0.07472 (84.08989 s)
Residuals:
Initial (nom. resp curve): 416.9081012016736
Best fit: 347.4328165048994

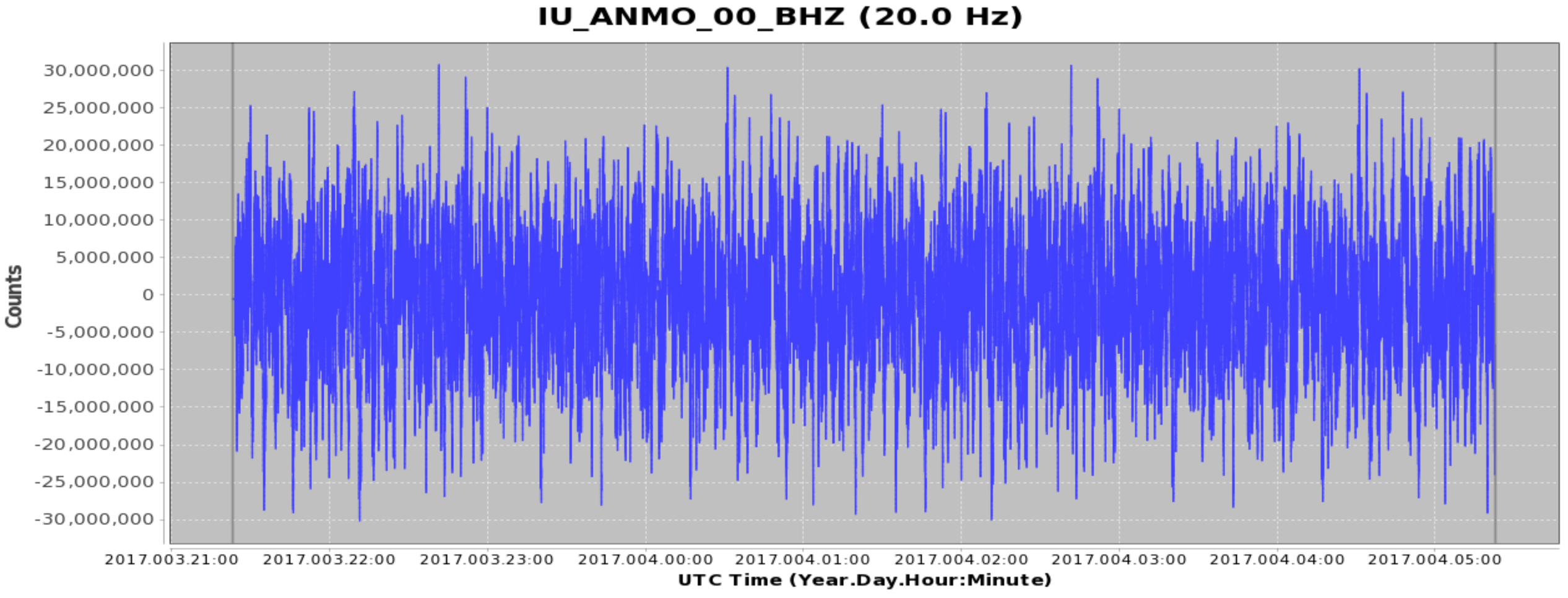
Iteration count from solver: 5
Input filenames,  with SEED and RESP files paired as appropriate:
IU_ANMO_  _BC0
IU_ANMO_00_BHZ
RESP.IU.ANMO.00.BHZ
Residuals weighting:
    Amplitude: 1903.6477322411283
    Phase: 0.6431331180483493

Time of report generation:
2017.250.16:22:27
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)
Counts
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
-500,000
-1,000,000
-1,500,000
-2,000,000
-2,500,000
-3,000,000
2017.003.21:00
2017.003.22:00
2017.003.23:00
2017.004.00:00
2017.004.01:00
2017.004.02:00
2017.004.03:00
2017.004.04:00
2017.004.05:00
UTC Time (Year.Day.Hour:Minute)


IU_ANMO_00_BHZ (20.0 Hz)
Counts
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
-5,000,000
-10,000,000
-15,000,000
-20,000,000
-25,000,000
-30,000,000
2017.003.21:00
2017.003.22:00
2017.003.23:00
2017.004.00:00
2017.004.01:00
2017.004.02:00
2017.004.03:00
2017.004.04:00
2017.004.05:00
UTC Time (Year.Day.Hour:Minute)

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