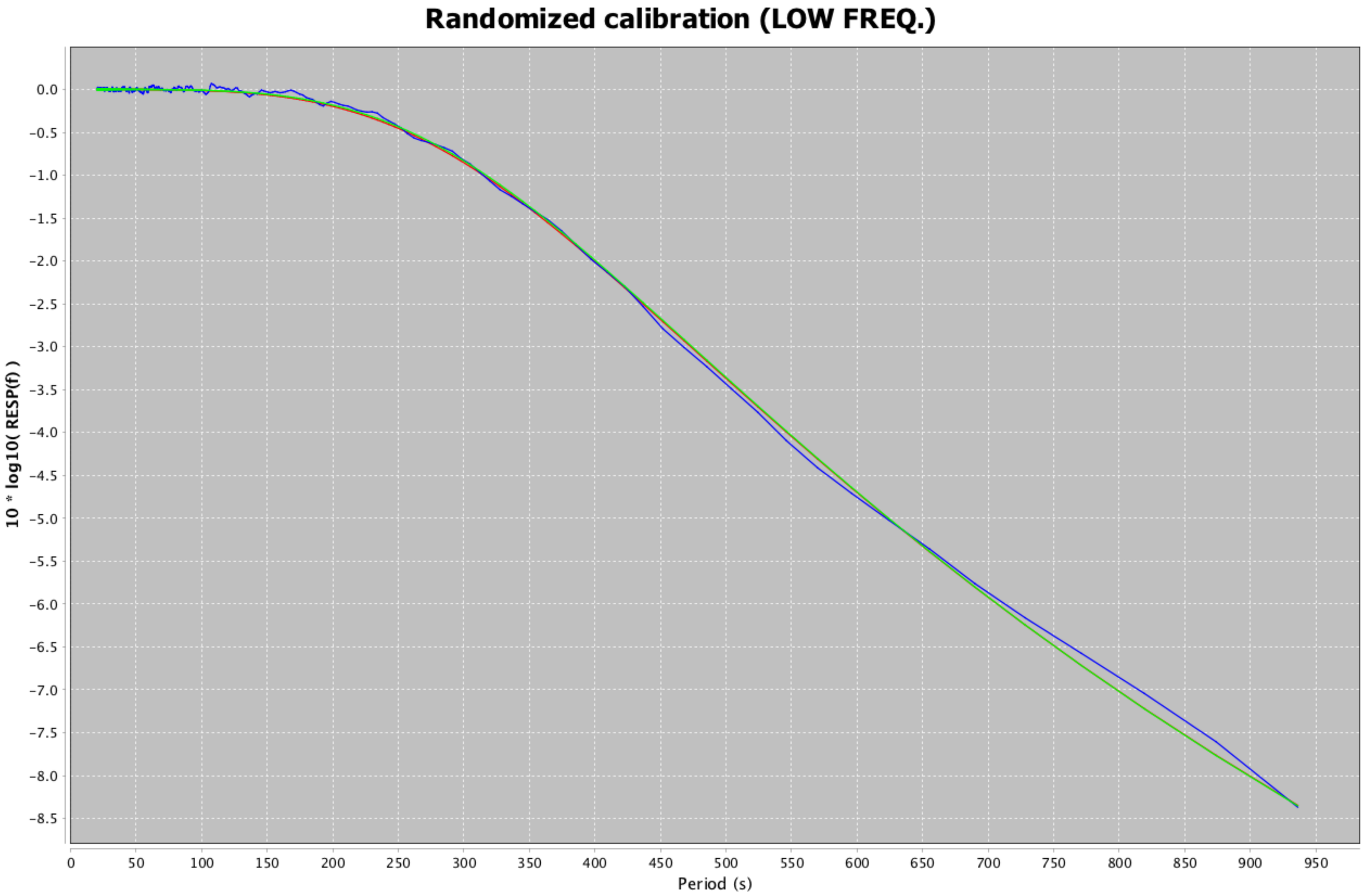
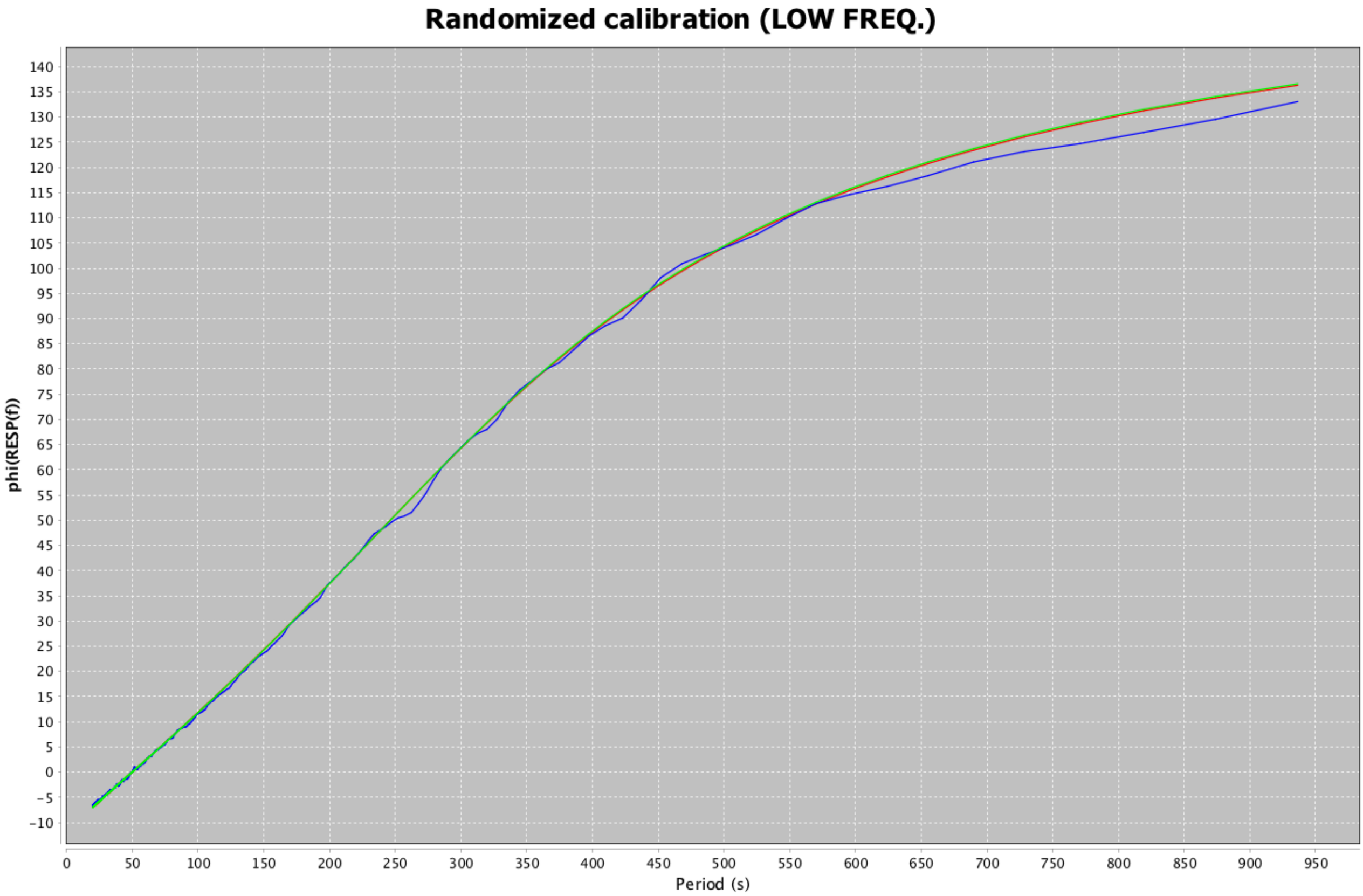
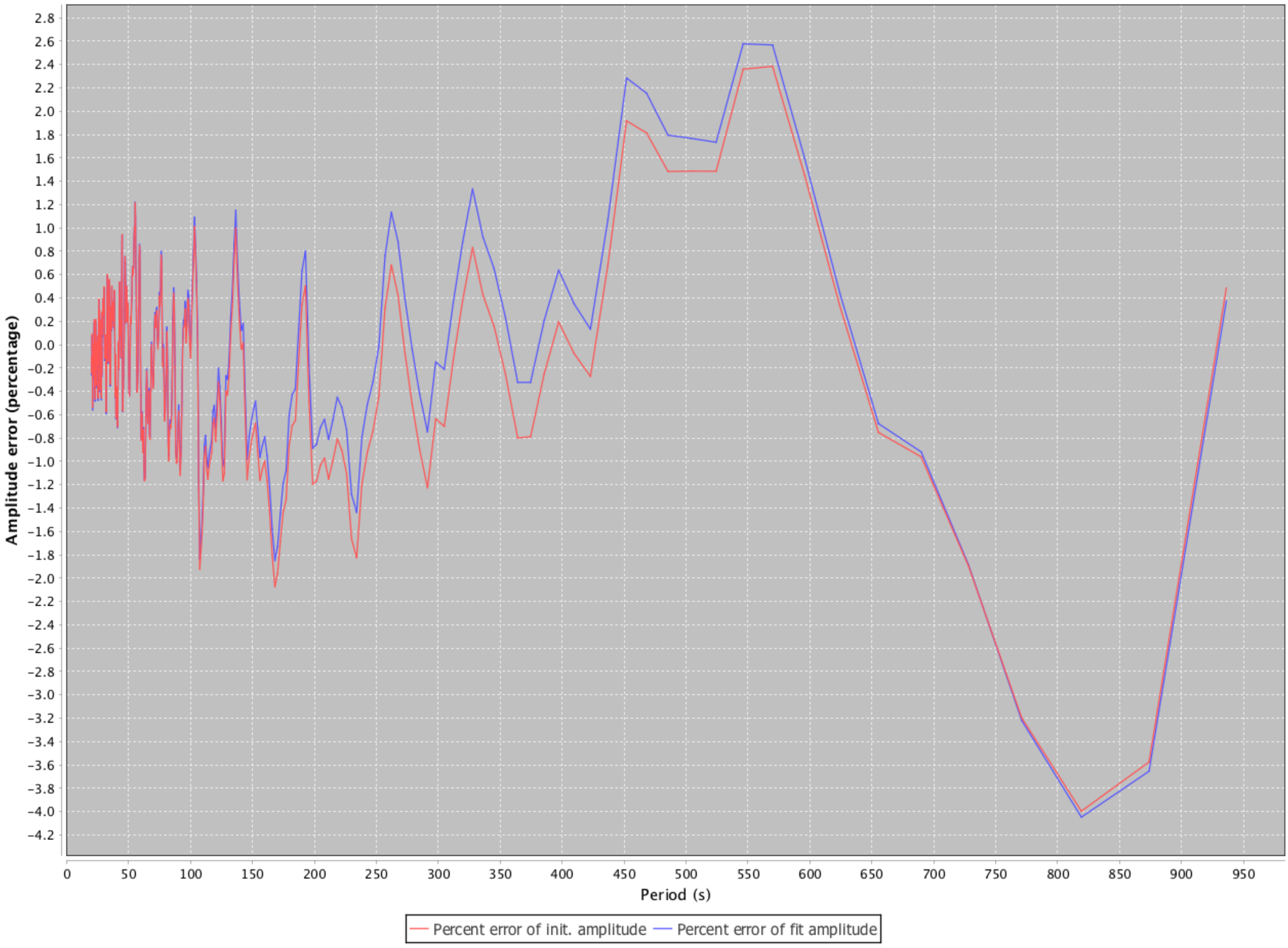
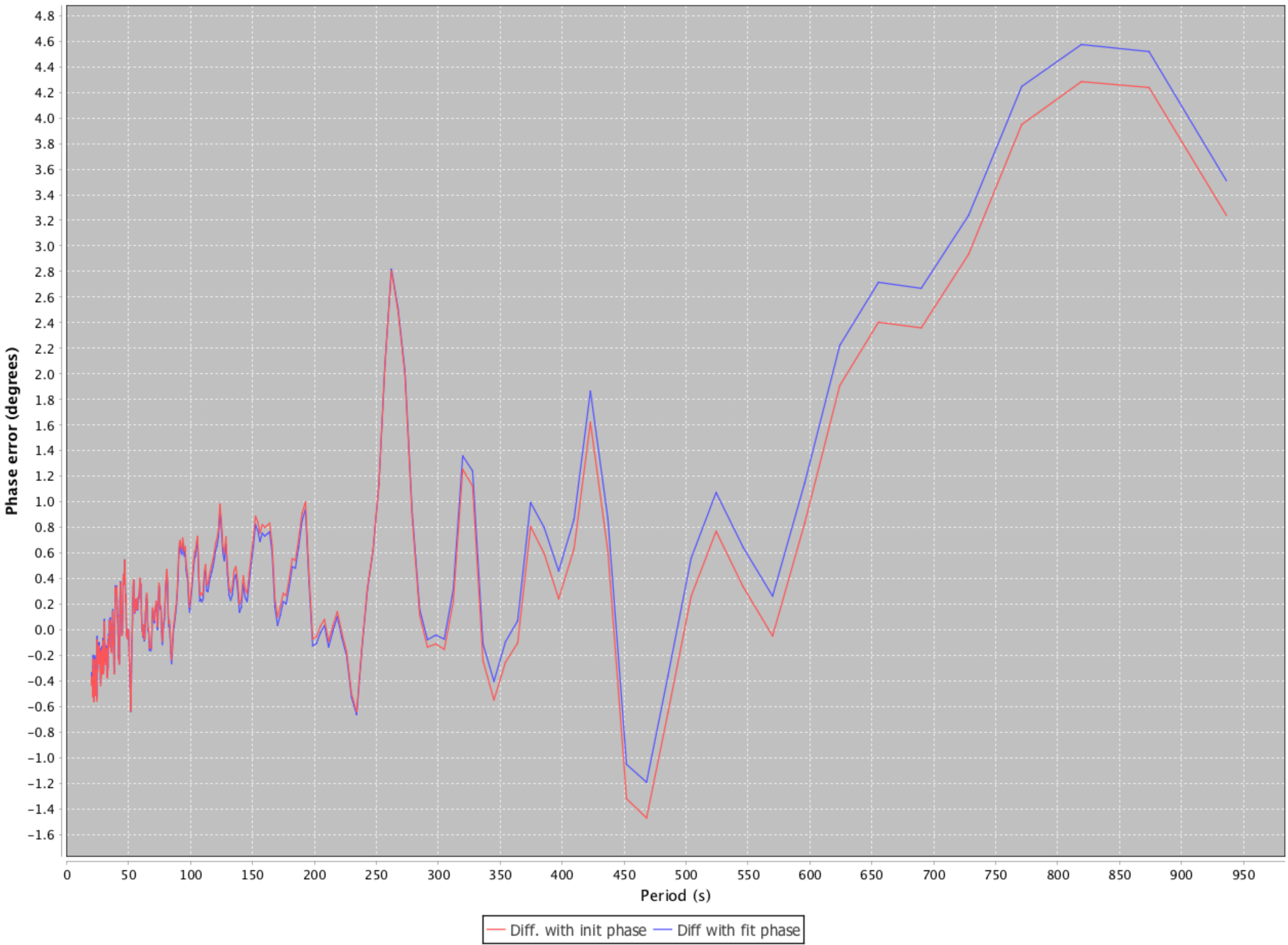

Randomized calibration (LOW FREQ.)
10 * log10(RESP(f))
Period (s)
Initial param (STS-1_Q330HR_BH_20) magnitude
Calc. resp. (IU_MAJO_00_BHZ) magnitude
Fit resp. magnitude
Initial poles:
-0.01234 + 0.01234i; -0.01234 - 0.01234i (360.03914 s)
Fit poles:
-0.01228 - 0.01244i; -0.01228 + 0.01244i (359.54114 s)
Residuals:
Initial (nom. resp curve): 837.8446230199927
Best fit: 821.5219056499025
NUMBER OF ITERATIONS: 11


Randomized calibration (LOW FREQ.)
phi(RESP(f))
Period (s)
Initial param (STS-1_Q330HR_BH_20) phase
Calc. resp. (IU_MAJO_00_BHZ) phase
Fit resp. phase
Initial poles:
-0.01234 + 0.01234i; -0.01234 - 0.01234i (360.03914 s)
Fit poles:
-0.01228 - 0.01244i; -0.01228 + 0.01244i (359.54114 s)
Residuals:
Initial (nom. resp curve): 837.8446230199927
Best fit: 821.5219056499025
NUMBER OF ITERATIONS: 11

Randomized calibration



Randomized calibration



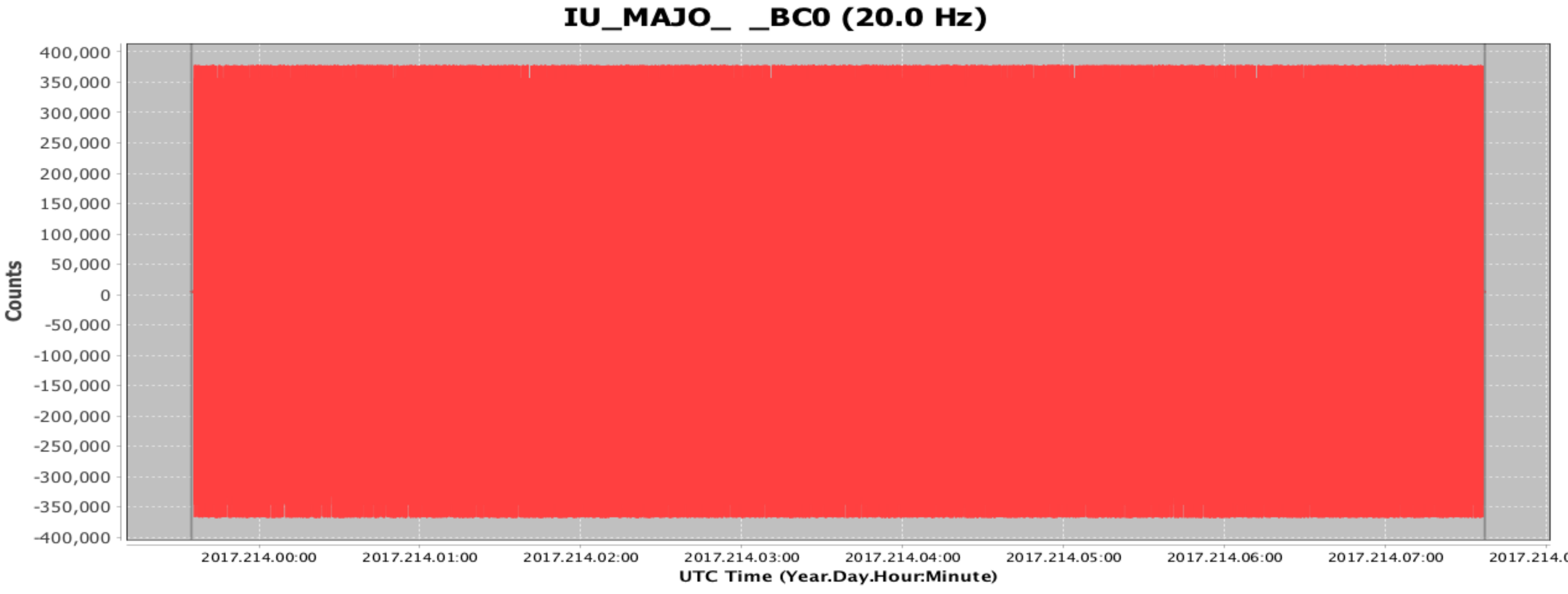
Initial poles:
-0.01234 + 0.01234i; -0.01234 - 0.01234i (360.03914 s)
Fit poles:
-0.01228 - 0.01244i; -0.01228 + 0.01244i (359.54114 s)
Residuals:
Initial (nom. resp curve): 837.8446230199927
Best fit: 821.5219056499025

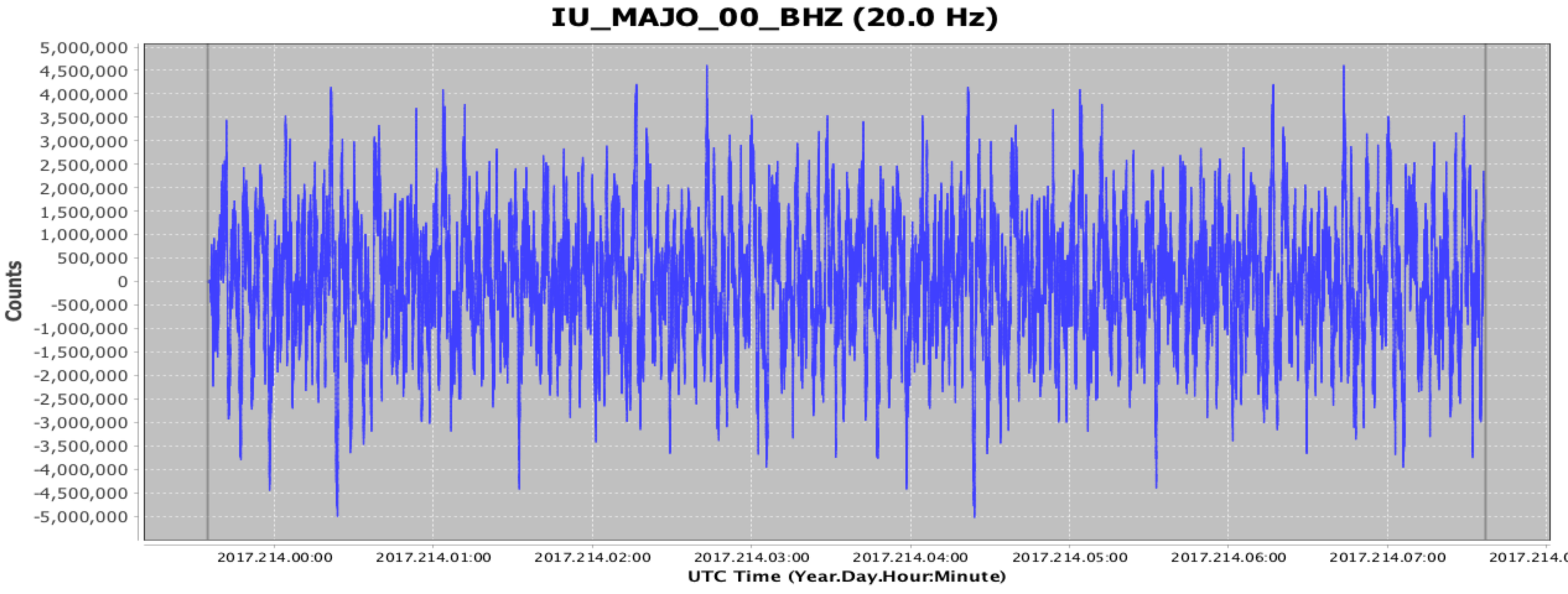
Iteration count from solver: 11
Input filenames, with SEED and RESP files paired as appropriate:
IU_MAJO_ _BC0
IU_MAJO_00_BHZ
STS-1_Q330HR_BH_20
Residuals weighting:
    Amplitude: 14722.57074903231
    Phase: 0.4305966099784168

Time of report generation:
2017.249.21:41:01
Data start time:
2017.213.23:34:48
Data end time:
2017.214.07:36:59

POLE VARIABLES, AS CSV:

Init	Fit	Diff	Mean	PctDiff
-0.0123	-0.0123	-0.0001	-0.0123	+0.5073
+0.0123	+0.0124	-0.0001	+0.0124	-0.7716


IU_MAJO_ _BC0 (20.0 Hz)
Counts
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
-50,000
-100,000
-150,000
-200,000
-250,000
-300,000
-350,000
-400,000
2017.214.00:00
2017.214.01:00
2017.214.02:00
2017.214.03:00
2017.214.04:00
2017.214.05:00
2017.214.06:00
2017.214.07:00
UTC Time (Year.Day.Hour:Minute)


IU_MAJO_00_BHZ (20.0 Hz)
Counts
5,000,000
4,500,000
4,000,000
3,500,000
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
-3,500,000
-4,000,000
-4,500,000
-5,000,000
2017.214.00:00
2017.214.01:00
2017.214.02:00
2017.214.03:00
2017.214.04:00
2017.214.05:00
2017.214.06:00
2017.214.07:00
UTC Time (Year.Day.Hour:Minute)

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