STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 1/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.01
Actual Amplitude:	0.01
Actual Power:	0.0001
Distortion 2H-14H:	0.0773688%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.2686	end: 11.3125	delta: 0.044
P2 start: 33.6874	end: 33.8124	delta: 0.1251
P3 start: 56.1564	end: 56.3435	delta: 0.1871
P4 start: 78.6396	end: 78.8603	delta: 0.2206

H3: 0.000440168	H15: 0.998822	H15f: 0.0665881
H5: 0.000308117	H17: -1.00093	H17f: -0.0588782
H7: 0.000102995	H19: -0.00142835	H19f: -7.51762e-05
H9: -0.000112993	H21: -0.000929484	H21f: -4.42611e-05
H11: -0.000287006	H23: -0.000319732	H23f: -1.39014e-05
H13: -0.000451843	H25: 0.000346063	H25f: 1.38425e-05
	H27: 0.00093121	H27f: 3.44893e-05
	H29: 0.00129381	H29f: 4.46141e-05
	H31: -0.997386	H31f: -0.0321737

c1sd = 0.0405
c1ed = 0.0
c2sd = -0.0002
c2ed = -0.0001
c3sd = -0.0001
c3ed = 0.0
c4sd = -0.0001
c4ed = 0.0
varx = 0.0086%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 2/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.02
Actual Amplitude:	0.0200002
Actual Power:	0.000400006
Distortion 2H-14H:	0.152877%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.2869	end: 11.3749	delta: 0.088
P2 start: 33.625	end: 33.8752	delta: 0.2502
P3 start: 56.063	end: 56.437	delta: 0.3741
P4 start: 78.5295	end: 78.9707	delta: 0.4412

H3: 0.000839854	H15: 0.997395	H15f: 0.066493
H5: 0.000584356	H17: -1.00161	H17f: -0.0589183
H7: 0.000185389	H19: -0.00288343	H19f: -0.00015176
H9: -0.000233152	H21: -0.00178487	H21f: -8.49938e-05
H11: -0.000649208	H23: -0.000558619	H23f: -2.42878e-05
H13: -0.000883247	H25: 0.000703048	H25f: 2.81219e-05
	H27: 0.00192762	H27f: 7.13932e-05
	H29: 0.00232525	H29f: 8.01812e-05
	H31: -0.993794	H31f: -0.0320579

c1sd = 0.0808
c1ed = 0.0
c2sd = -0.0002
c2ed = 0.0003
c3sd = -0.0001
c3ed = 0.0001
c4sd = -0.0001
c4ed = 0.0002
varx = 0.0172%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 3/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.03
Actual Amplitude:	0.03
Actual Power:	0.000900001
Distortion 2H-14H:	0.203295%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.303	end: 11.4351	delta: 0.1321
P2 start: 33.5646	end: 33.9399	delta: 0.3754
P3 start: 55.9722	end: 56.5332	delta: 0.561
P4 start: 78.4188	end: 79.0804	delta: 0.6616

H3: 0.0010903	H15: 0.995526	H15f: 0.0663684
H5: 0.000818105	H17: -1.00224	H17f: -0.0589551
H7: 0.000395717	H19: -0.00395485	H19f: -0.00020815
H9: -0.000459	H21: -0.00240129	H21f: -0.000114347
H11: -0.000848829	H23: -0.00114485	H23f: -4.97762e-05
H13: -0.00108952	H25: 0.00141673	H25f: 5.66693e-05
	H27: 0.00260774	H27f: 9.65831e-05
	H29: 0.00260062	H29f: 8.96765e-05
	H31: -0.988822	H31f: -0.0318975

c1sd = 0.1187
c1ed = -0.0019
c2sd = 0.0016
c2ed = 0.0029
c3sd = 0.0021
c3ed = 0.0032
c4sd = -0.001
c4ed = 0.0002
varx = 0.0237%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 4/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.04
Actual Amplitude:	0.0400055
Actual Power:	0.00160044
Distortion 2H-14H:	0.190922%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3154	end: 11.4915	delta: 0.1761
P2 start: 33.5137	end: 34.0141	delta: 0.5004
P3 start: 55.8838	end: 56.6318	delta: 0.748
P4 start: 78.3083	end: 79.1906	delta: 0.8823

H3: 0.00102628	H15: 0.992772	H15f: 0.0661848
H5: 0.000714036	H17: -1.00325	H17f: -0.0590148
H7: 0.000486449	H19: -0.00428755	H19f: -0.000225661
H9: -0.000566575	H21: -0.0019869	H21f: -9.46141e-05
H11: -0.000696722	H23: -0.00136329	H23f: -5.92736e-05
H13: -0.00101928	H25: 0.00179071	H25f: 7.16282e-05
	H27: 0.00226019	H27f: 8.37107e-05
	H29: 0.00187288	H29f: 6.4582e-05
	H31: -0.981589	H31f: -0.0316642

c1sd = 0.1528
c1ed = -0.0073
c2sd = 0.0125
c2ed = 0.0153
c3sd = 0.0061
c3ed = 0.0095
c4sd = -0.0024
c4ed = 0.0014
varx = 0.0248%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 5/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.05
Actual Amplitude:	0.0500003
Actual Power:	0.00250003
Distortion 2H-14H:	0.170677%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3249	end: 11.5449	delta: 0.22
P2 start: 33.4618	end: 34.0869	delta: 0.6251
P3 start: 55.7949	end: 56.7297	delta: 0.9348
P4 start: 78.2008	end: 79.3035	delta: 1.1027

H3: 0.000815571	H15: 0.989921	H15f: 0.0659947
H5: 0.000724907	H17: -1.00386	H17f: -0.0590507
H7: 0.000449706	H19: -0.00439095	H19f: -0.000231103
H9: -0.000399185	H21: -0.0020278	H21f: -9.65618e-05
H11: -0.000786503	H23: -0.00105191	H23f: -4.57352e-05
H13: -0.000861534	H25: 0.00149213	H25f: 5.96852e-05
	H27: 0.0025099	H27f: 9.29592e-05
	H29: 0.000677206	H29f: 2.33519e-05
	H31: -0.973699	H31f: -0.0314096

c1sd = 0.1837
c1ed = -0.0151
c2sd = 0.0217
c2ed = 0.0269
c3sd = 0.0088
c3ed = 0.0158
c4sd = -0.002
c4ed = 0.0063
varx = 0.0251%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 6/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.06
Actual Amplitude:	0.0600062
Actual Power:	0.00360074
Distortion 2H-14H:	0.109601%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3417	end: 11.6053	delta: 0.2636
P2 start: 33.42	end: 34.1698	delta: 0.7498
P3 start: 55.7072	end: 56.829	delta: 1.1217
P4 start: 78.0927	end: 79.4161	delta: 1.3234

H3: 0.000566173	H15: 0.985941	H15f: 0.0657294
H5: 0.000457576	H17: -1.00509	H17f: -0.0591232
H7: 0.000182662	H19: -0.00442446	H19f: -0.000232866
H9: -0.000252101	H21: -0.00108308	H21f: -5.15753e-05
H11: -0.000478409	H23: -0.000274444	H23f: -1.19324e-05
H13: -0.000587803	H25: 0.00102326	H25f: 4.09304e-05
	H27: 0.00172466	H27f: 6.38762e-05
	H29: -0.00088936	H29f: -3.06676e-05
	H31: -0.96308	H31f: -0.0310671

c1sd = 0.2215
c1ed = -0.0145
c2sd = 0.0398
c2ed = 0.05
c3sd = 0.0107
c3ed = 0.0255
c4sd = -0.0044
c4ed = 0.0132
varx = 0.0238%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 7/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.07
Actual Amplitude:	0.0700051
Actual Power:	0.00490072
Distortion 2H-14H:	0.0416992%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.351	end: 11.6582	delta: 0.3071
P2 start: 33.3763	end: 34.2504	delta: 0.8742
P3 start: 55.62	end: 56.9285	delta: 1.3085
P4 start: 77.9844	end: 79.5283	delta: 1.5439

H3: 0.000205252	H15: 0.982069	H15f: 0.0654713
H5: 0.000180824	H17: -1.00572	H17f: -0.0591599
H7: 5.80756e-05	H19: -0.00430259	H19f: -0.000226452
H9: -8.17876e-05	H21: -0.000155694	H21f: -7.41401e-06
H11: -0.000199569	H23: 0.00022233	H23f: 9.66653e-06
H13: -0.000221736	H25: 0.000639866	H25f: 2.55946e-05
	H27: 0.000982215	H27f: 3.63783e-05
	H29: -0.0028829	H29f: -9.94103e-05
	H31: -0.952222	H31f: -0.0307168

c1sd = 0.2523
c1ed = -0.0226
c2sd = 0.057
c2ed = 0.0697
c3sd = 0.0147
c3ed = 0.0338
c4sd = -0.0052
c4ed = 0.0179
varx = 0.0227%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 8/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.08
Actual Amplitude:	0.08
Actual Power:	0.00640001
Distortion 2H-14H:	0.0213038%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3577	end: 11.7085	delta: 0.3508
P2 start: 33.324	end: 34.3226	delta: 0.9986
P3 start: 55.5294	end: 57.0246	delta: 1.4952
P4 start: 77.8746	end: 79.639	delta: 1.7644

H3: 0.000103718	H15: 0.978868	H15f: 0.0652579
H5: 9.60021e-05	H17: -1.0052	H17f: -0.0591293
H7: 3.18471e-05	H19: -0.00513692	H19f: -0.000270364
H9: -3.40455e-05	H21: 0.000219271	H21f: 1.04415e-05
H11: -9.45187e-05	H23: 0.00041839	H23f: 1.81909e-05
H13: -0.000119601	H25: 0.00060709	H25f: 2.42836e-05
	H27: 0.000782977	H27f: 2.89991e-05
	H29: -0.00425326	H29f: -0.000146664
	H31: -0.942265	H31f: -0.0303957

c1sd = 0.2794
c1ed = -0.0303
c2sd = 0.0628
c2ed = 0.0838
c3sd = 0.011
c3ed = 0.043
c4sd = -0.0125
c4ed = 0.0261
varx = 0.0271%.

STEP-LOCKED MAGIC SINEWAVE

ANXC16 - 9/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.09
Actual Amplitude:	0.09
Actual Power:	0.00809999
Distortion 2H-14H:	0.0134003%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3708	end: 11.7653	delta: 0.3945
P2 start: 33.2716	end: 34.3946	delta: 1.123
P3 start: 55.4386	end: 57.1205	delta: 1.6819
P4 start: 77.7647	end: 79.7496	delta: 1.985

H3: 7.47667e-05	H15: 0.975307	H15f: 0.0650204
H5: 4.63778e-05	H17: -1.00455	H17f: -0.059091
H7: 1.4094e-05	H19: -0.00631103	H19f: -0.000332159
H9: -3.17618e-05	H21: 0.000493412	H21f: 2.34958e-05
H11: -5.02874e-05	H23: 0.000590007	H23f: 2.56525e-05
H13: -8.04964e-05	H25: 0.000713848	H25f: 2.85539e-05
	H27: 0.00077921	H27f: 2.88596e-05
	H29: -0.00554507	H29f: -0.000191209
	H31: -0.93116	H31f: -0.0300374

c1sd = 0.3143
c1ed = -0.0355
c2sd = 0.0724
c2ed = 0.0938
c3sd = 0.013
c3ed = 0.0461
c4sd = -0.0129
c4ed = 0.0272
varx = 0.0334%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 10/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.1
Actual Amplitude:	0.1
Actual Power:	0.00999999
Distortion 2H-14H:	0.01299%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3796	end: 11.8179	delta: 0.4383
P2 start: 33.2163	end: 34.4637	delta: 1.2475
P3 start: 55.3465	end: 57.215	delta: 1.8685
P4 start: 77.6545	end: 79.86	delta: 2.2056

H3: 7.23494e-05	H15: 0.971931	H15f: 0.0647954
H5: 5.26684e-05	H17: -1.00323	H17f: -0.0590135
H7: 1.12752e-05	H19: -0.00774831	H19f: -0.000407806
H9: -1.01188e-05	H21: 0.000607887	H21f: 2.8947e-05
H11: -5.0709e-05	H23: 0.00074878	H23f: 3.25557e-05
H13: -7.78759e-05	H25: 0.000799406	H25f: 3.19762e-05
	H27: 0.00091488	H27f: 3.38845e-05
	H29: -0.00688449	H29f: -0.000237396
	H31: -0.920005	H31f: -0.0296776

c1sd = 0.3442
c1ed = -0.0431
c2sd = 0.0773
c2ed = 0.1027
c3sd = 0.011
c3ed = 0.0506
c4sd = -0.0169
c4ed = 0.0314
varx = 0.041%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 11/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.11
Actual Amplitude:	0.11
Actual Power:	0.0121
Distortion 2H-14H:	0.00708613%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3898	end: 11.8717	delta: 0.4819
P2 start: 33.162	end: 34.5338	delta: 1.3717
P3 start: 55.2547	end: 57.3099	delta: 2.0552
P4 start: 77.5442	end: 79.9704	delta: 2.4262

H3: 4.09351e-05	H15: 0.968227	H15f: 0.0645484
H5: 2.56649e-05	H17: -1.00175	H17f: -0.0589267
H7: 1.87263e-06	H19: -0.00923571	H19f: -0.00048609
H9: -4.59945e-06	H21: 0.000829248	H21f: 3.9488e-05
H11: -2.85375e-05	H23: 0.00092128	H23f: 4.00557e-05
H13: -4.29872e-05	H25: 0.000926008	H25f: 3.70403e-05
	H27: 0.000993354	H27f: 3.67909e-05
	H29: -0.00843182	H29f: -0.000290752
	H31: -0.907791	H31f: -0.0292836

c1sd = 0.3755
c1ed = -0.0494
c2sd = 0.0832
c2ed = 0.1126
c3sd = 0.0092
c3ed = 0.0554
c4sd = -0.021
c4ed = 0.0355
varx = 0.0489%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 12/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.12
Actual Amplitude:	0.120002
Actual Power:	0.0144004
Distortion 2H-14H:	0.00325433%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.41	end: 11.9355	delta: 0.5256
P2 start: 33.1105	end: 34.6063	delta: 1.4958
P3 start: 55.164	end: 57.4057	delta: 2.2417
P4 start: 77.4341	end: 80.0809	delta: 2.6469

H3: 1.70753e-05	H15: 0.963806	H15f: 0.0642537
H5: 1.04981e-05	H17: -1.00049	H17f: -0.0588525
H7: 3.61381e-07	H19: -0.0108563	H19f: -0.000571386
H9: -4.77826e-06	H21: 0.00108872	H21f: 5.18438e-05
H11: -1.03486e-05	H23: 0.00114363	H23f: 4.9723e-05
H13: -2.29616e-05	H25: 0.00113117	H25f: 4.52466e-05
	H27: 0.00115224	H27f: 4.26755e-05
	H29: -0.0100104	H29f: -0.000345185
	H31: -0.89377	H31f: -0.0288313

c1sd = 0.4164
c1ed = -0.0447
c2sd = 0.0907
c2ed = 0.1261
c3sd = 0.0069
c3ed = 0.0629
c4sd = -0.0268
c4ed = 0.0418
varx = 0.0575%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 13/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.13
Actual Amplitude:	0.13
Actual Power:	0.0169
Distortion 2H-14H:	0.00408909%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.4179	end: 11.9871	delta: 0.5692
P2 start: 33.0542	end: 34.6741	delta: 1.6199
P3 start: 55.0709	end: 57.4992	delta: 2.4282
P4 start: 77.3233	end: 80.1908	delta: 2.8676

H3: 2.33511e-05	H15: 0.959992	H15f: 0.0639995
H5: 1.27263e-05	H17: -0.998173	H17f: -0.0587161
H7: 3.08568e-06	H19: -0.0127703	H19f: -0.000672123
H9: -4.73508e-06	H21: 0.00123794	H21f: 5.89496e-05
H11: -1.21532e-05	H23: 0.00131226	H23f: 5.70546e-05
H13: -2.80213e-05	H25: 0.00129993	H25f: 5.19973e-05
	H27: 0.00132857	H27f: 4.92063e-05
	H29: -0.0116992	H29f: -0.000403421
	H31: -0.880583	H31f: -0.0284059

c1sd = 0.4444
c1ed = -0.0502
c2sd = 0.0915
c2ed = 0.1368
c3sd = -0.0007
c3ed = 0.0708
c4sd = -0.0368
c4ed = 0.0509
varx = 0.0676%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 14/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.14
Actual Amplitude:	0.139999
Actual Power:	0.0195998
Distortion 2H-14H:	0.000643715%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3538	end: 11.9664	delta: 0.6126
P2 start: 32.9748	end: 34.7191	delta: 1.7443
P3 start: 54.9671	end: 57.5825	delta: 2.6154
P4 start: 77.2088	end: 80.2981	delta: 3.0893

H3: 2.8911e-06	H15: 0.960139	H15f: 0.0640093
H5: 2.92724e-06	H17: -0.991571	H17f: -0.0583277
H7: 1.5488e-06	H19: -0.0151134	H19f: -0.00079544
H9: -1.74671e-06	H21: 0.00101361	H21f: 4.82674e-05
H11: -2.66113e-06	H23: 0.00109647	H23f: 4.76724e-05
H13: -3.46098e-06	H25: 0.00108078	H25f: 4.32312e-05
	H27: 0.00110783	H27f: 4.10309e-05
	H29: -0.0140739	H29f: -0.000485308
	H31: -0.874814	H31f: -0.0282198

c1sd = 0.4038
c1ed = -0.138
c2sd = 0.0792
c2ed = 0.1148
c3sd = -0.0042
c3ed = 0.0539
c4sd = -0.0329
c4ed = 0.0398
varx = 0.0798%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 15/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.15
Actual Amplitude:	0.15
Actual Power:	0.0225
Distortion 2H-14H:	0.000166747%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.4417	end: 12.0981	delta: 0.6563
P2 start: 32.9442	end: 34.8119	delta: 1.8677
P3 start: 54.8855	end: 57.6866	delta: 2.8011
P4 start: 77.1016	end: 80.4108	delta: 3.3093

H3: -1.68647e-07	H15: 0.951333	H15f: 0.0634222
H5: 1.31544e-06	H17: -0.993124	H17f: -0.058419
H7: 6.50494e-07	H19: -0.0168814	H19f: -0.000888497
H9: -5.0594e-07	H21: 0.00166758	H21f: 7.94085e-05
H11: -5.51935e-07	H23: 0.0017531	H23f: 7.62219e-05
H13: -1.94592e-07	H25: 0.00170324	H25f: 6.81295e-05
	H27: 0.00171688	H27f: 6.35881e-05
	H29: -0.0154718	H29f: -0.00053351
	H31: -0.851119	H31f: -0.0274555

c1sd =	0.5124
c1ed =	-0.0651
c2sd =	0.1074
c2ed =	0.1487
c3sd =	0.0021
c3ed =	0.0699
c4sd =	-0.0363
c4ed =	0.0487
varx =	0.0894%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 16/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.16
Actual Amplitude:	0.16
Actual Power:	0.0256
Distortion 2H-14H:	0.00366664%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.4737	end: 12.1737	delta: 0.7
P2 start: 32.8949	end: 34.8862	delta: 1.9912
P3 start: 54.7949	end: 57.7822	delta: 2.9873
P4 start: 76.9914	end: 80.5213	delta: 3.5299

H3: 2.13443e-05	H15: 0.945659	H15f: 0.063044
H5: 8.44287e-06	H17: -0.991189	H17f: -0.0583052
H7: 1.694e-06	H19: -0.0191334	H19f: -0.00100702
H9: -3.32023e-06	H21: 0.00200465	H21f: 9.54596e-05
H11: -1.00038e-05	H23: 0.00213328	H23f: 9.27513e-05
H13: -2.65254e-05	H25: 0.00207664	H25f: 8.30657e-05
	H27: 0.00210826	H27f: 7.80837e-05
	H29: -0.0172459	H29f: -0.000594686
	H31: -0.833276	H31f: -0.0268799

c1sd = 0.5653
c1ed = -0.0489
c2sd = 0.1176
c2ed = 0.1635
c3sd = 0.0006
c3ed = 0.0765
c4sd = -0.0415
c4ed = 0.0542
varx = 0.1014%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 17/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.17
Actual Amplitude:	0.17
Actual Power:	0.0289
Distortion 2H-14H:	0.00266207%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.4953	end: 12.2388	delta: 0.7435
P2 start: 32.8426	end: 34.9573	delta: 2.1147
P3 start: 54.7029	end: 57.8764	delta: 3.1735
P4 start: 76.8806	end: 80.6314	delta: 3.7508

H3: 1.42854e-05	H15: 0.94037	H15f: 0.0626913
H5: 5.80343e-06	H17: -0.988422	H17f: -0.0581425
H7: -1.91322e-07	H19: -0.0214881	H19f: -0.00113095
H9: -6.44825e-06	H21: 0.00231878	H21f: 0.000110418
H11: -1.07952e-05	H23: 0.00247453	H23f: 0.000107588
H13: -1.7685e-05	H25: 0.00240108	H25f: 9.60434e-05
	H27: 0.00243392	H27f: 9.01451e-05
	H29: -0.0192826	H29f: -0.000664918
	H31: -0.815898	H31f: -0.0263193

c1sd = 0.6092
c1ed = -0.0476
c2sd = 0.129
c2ed = 0.1709
c3sd = 0.0041
c3ed = 0.0753
c4sd = -0.0398
c4ed = 0.0517
varx = 0.114%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 18/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.18
Actual Amplitude:	0.18
Actual Power:	0.0324
Distortion 2H-14H:	0.000462181%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5128	end: 12.2999	delta: 0.787
P2 start: 32.7891	end: 35.027	delta: 2.238
P3 start: 54.6102	end: 57.9698	delta: 3.3597
P4 start: 76.7694	end: 80.7413	delta: 3.9719

H3: 2.38916e-06	H15: 0.935133	H15f: 0.0623422
H5: 1.68647e-06	H17: -0.985152	H17f: -0.0579501
H7: 6.6254e-07	H19: -0.0239892	H19f: -0.00126259
H9: -1.40539e-06	H21: 0.00263004	H21f: 0.00012524
H11: -2.22307e-06	H23: 0.00280874	H23f: 0.000122119
H13: -2.33511e-06	H25: 0.00270637	H25f: 0.000108255
	H27: 0.00273501	H27f: 0.000101297
	H29: -0.0214578	H29f: -0.000739925
	H31: -0.798353	H31f: -0.0257533

c1sd = 0.6496
c1ed = -0.0516
c2sd = 0.1406
c2ed = 0.1755
c3sd = 0.0087
c3ed = 0.0713
c4sd = -0.036
c4ed = 0.0467
varx = 0.1273%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 19/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.19
Actual Amplitude:	0.19
Actual Power:	0.0361
Distortion 2H-14H:	7.41206e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3495	end: 12.1791	delta: 0.8296
P2 start: 32.6745	end: 35.0372	delta: 2.3627
P3 start: 54.4887	end: 58.037	delta: 3.5483
P4 start: 76.6485	end: 80.8445	delta: 4.196

H3: 0.0	H15: 0.940354	H15f: 0.0626903
H5: 3.99426e-07	H17: -0.971418	H17f: -0.0571423
H7: 1.71183e-07	H19: -0.0278622	H19f: -0.00146643
H9: -8.87614e-08	H21: 0.00148058	H21f: 7.05037e-05
H11: 1.08934e-07	H23: 0.00178087	H23f: 7.74291e-05
H13: -5.83777e-07	H25: 0.00172801	H25f: 6.91206e-05
	H27: 0.00184153	H27f: 6.82049e-05
	H29: -0.0254502	H29f: -0.000877593
	H31: -0.800556	H31f: -0.0258244

c1sd = 0.5126
c1ed = -0.2471
c2sd = 0.1007
c2ed = 0.111
c3sd = -0.001
c3ed = 0.0266
c4sd = -0.0251
c4ed = 0.018
varx = 0.147%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 20/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.2
Actual Amplitude:	0.2
Actual Power:	0.04
Distortion 2H-14H:	0.000138702%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5199	end: 12.3937	delta: 0.8738
P2 start: 32.6714	end: 35.1557	delta: 2.4844
P3 start: 54.4189	end: 58.1512	delta: 3.7323
P4 start: 76.5449	end: 80.9597	delta: 4.4148

H3: 5.0594e-07	H15: 0.925908	H15f: 0.0617272
H5: 0.0	H17: -0.97608	H17f: -0.0574165
H7: 7.04702e-07	H19: -0.0296964	H19f: -0.00156297
H9: -5.0594e-07	H21: 0.00299255	H21f: 0.000142502
H11: 2.06976e-07	H23: 0.00328608	H23f: 0.000142873
H13: -9.34043e-07	H25: 0.00314972	H25f: 0.000125989
	H27: 0.0032145	H27f: 0.000119056
	H29: -0.0263023	H29f: -0.000906975
	H31: -0.764883	H31f: -0.0246737

c1sd = 0.6997
c1ed = -0.0804
c2sd = 0.1455
c2ed = 0.1816
c3sd = 0.0009
c3ed = 0.0692
c4sd = -0.0442
c4ed = 0.0487
varx = 0.1574%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 21/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.21
Actual Amplitude:	0.21
Actual Power:	0.0440998
Distortion 2H-14H:	9.87721e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5325	end: 12.4497	delta: 0.9172
P2 start: 32.6153	end: 35.2226	delta: 2.6072
P3 start: 54.3243	end: 58.2427	delta: 3.9184
P4 start: 76.4328	end: 81.0691	delta: 4.6363

H3: -3.61386e-07	H15: 0.920525	H15f: 0.0613683
H5: -5.78218e-07	H17: -0.971609	H17f: -0.0571535
H7: 3.0976e-07	H19: -0.0326842	H19f: -0.00172022
H9: -2.40924e-07	H21: 0.00326184	H21f: 0.000155326
H11: 5.91359e-07	H23: 0.00362482	H23f: 0.000157601
H13: 8.33968e-08	H25: 0.00346509	H25f: 0.000138604
	H27: 0.0035488	H27f: 0.000131437
	H29: -0.028765	H29f: -0.000991896
	H31: -0.746332	H31f: -0.0240752

c1sd = 0.7345
c1ed = -0.0875
c2sd = 0.1525
c2ed = 0.1854
c3sd = 0.0007
c3ed = 0.0663
c4sd = -0.0449
c4ed = 0.0467
varx = 0.1732%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 22/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.22
Actual Amplitude:	0.22
Actual Power:	0.0484
Distortion 2H-14H:	4.70962e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5433	end: 12.5038	delta: 0.9605
P2 start: 32.5585	end: 35.2884	delta: 2.7299
P3 start: 54.229	end: 58.3335	delta: 4.1045
P4 start: 76.3203	end: 81.1784	delta: 4.858

H3: -1.14986e-07	H15: 0.915102	H15f: 0.0610068
H5: 1.37984e-07	H17: -0.966739	H17f: -0.056867
H7: 4.92799e-08	H19: -0.0358238	H19f: -0.00188546
H9: -7.66576e-08	H21: 0.00351392	H21f: 0.000167329
H11: -3.13599e-08	H23: 0.00396296	H23f: 0.000172303
H13: -4.24565e-07	H25: 0.00377714	H25f: 0.000151085
	H27: 0.00388991	H27f: 0.000144071
	H29: -0.0313278	H29f: -0.00108027
	H31: -0.727506	H31f: -0.0234679

c1sd = 0.7664
c1ed = -0.0936
c2sd = 0.1558
c2ed = 0.1911
c3sd = -0.0046
c3ed = 0.0671
c4sd = -0.0511
c4ed = 0.0498
varx = 0.1898%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 23/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.23
Actual Amplitude:	0.23
Actual Power:	0.0529001
Distortion 2H-14H:	9.40944e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5649	end: 12.5687	delta: 1.0039
P2 start: 32.5052	end: 35.3576	delta: 2.8523
P3 start: 54.1352	end: 58.4256	delta: 4.2904
P4 start: 76.2083	end: 81.288	delta: 5.0797

H3: -2.19974e-07	H15: 0.908883	H15f: 0.0605922
H5: -4.61945e-07	H17: -0.962187	H17f: -0.0565992
H7: 1.41412e-07	H19: -0.0389963	H19f: -0.00205244
H9: 3.66623e-08	H21: 0.00388871	H21f: 0.000185177
H11: 6.89917e-07	H23: 0.0044255	H23f: 0.000192413
H13: 3.55342e-07	H25: 0.00420672	H25f: 0.000168269
	H27: 0.00434103	H27f: 0.000160779
	H29: -0.0338314	H29f: -0.0011666
	H31: -0.707024	H31f: -0.0228072

c1sd = 0.81
c1ed = -0.0912
c2sd = 0.1652
c2ed = 0.1976
c3sd = -0.0047
c3ed = 0.0654
c4sd = -0.0526
c4ed = 0.0489
varx = 0.2067%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 24/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.24
Actual Amplitude:	0.24
Actual Power:	0.0575998
Distortion 2H-14H:	5.529e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.3701	end: 12.4153	delta: 1.0452
P2 start: 32.377	end: 35.3539	delta: 2.9769
P3 start: 54.0058	end: 58.4858	delta: 4.48
P4 start: 76.0837	end: 81.3898	delta: 5.3061

H3: 4.21617e-07	H15: 0.915245	H15f: 0.0610164
H5: 1.26485e-07	H17: -0.945181	H17f: -0.0555989
H7: 2.25866e-07	H19: -0.0439989	H19f: -0.00231573
H9: -1.40539e-07	H21: 0.00205605	H21f: 9.7907e-05
H11: -5.74933e-08	H23: 0.00284296	H23f: 0.000123607
H13: -1.94593e-07	H25: 0.00273422	H25f: 0.000109369
	H27: 0.00304693	H27f: 0.000112849
	H29: -0.0391753	H29f: -0.00135087
	H31: -0.709588	H31f: -0.0228899

c1sd = 0.6458
c1ed = -0.3318
c2sd = 0.124
c2ed = 0.1068
c3sd = -0.0037
c3ed = -0.0047
c4sd = -0.0234
c4ed = -0.003
varx = 0.232%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 25/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.25
Actual Amplitude:	0.25
Actual Power:	0.0625
Distortion 2H-14H:	3.47503e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.5984	end: 12.6888	delta: 1.0904
P2 start: 32.395	end: 35.4916	delta: 3.0966
P3 start: 53.9451	end: 58.6072	delta: 4.6621
P4 start: 75.9829	end: 81.5066	delta: 5.5237

H3: -1.01188e-07	H15: 0.89657	H15f: 0.0597713
H5: -2.42851e-07	H17: -0.951681	H17f: -0.0559813
H7: -8.67326e-08	H19: -0.0457952	H19f: -0.00241027
H9: 1.68647e-07	H21: 0.00455521	H21f: 0.000216915
H11: 8.27902e-08	H23: 0.00532268	H23f: 0.000231421
H13: -9.34043e-08	H25: 0.00503257	H25f: 0.000201303
	H27: 0.00523337	H27f: 0.000193829
	H29: -0.0391443	H29f: -0.0013498
	H31: -0.665894	H31f: -0.0214805

c1sd = 0.8857
c1ed = -0.0914
c2sd = 0.1752
c2ed = 0.2113
c3sd = -0.0147
c3ed = 0.0671
c4sd = -0.0657
c4ed = 0.0552
varx = 0.2428%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 26/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.26
Actual Amplitude:	0.26
Actual Power:	0.0676
Distortion 2H-14H:	7.38797e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.6303	end: 12.7641	delta: 1.1338
P2 start: 32.3451	end: 35.5633	delta: 3.2182
P3 start: 53.8522	end: 58.6997	delta: 4.8475
P4 start: 75.8708	end: 81.6164	delta: 5.7456

H3: 4.86481e-07	H15: 0.889286	H15f: 0.0592858
H5: 2.91888e-07	H17: -0.946859	H17f: -0.0556976
H7: 0.0	H19: -0.0492195	H19f: -0.0025905
H9: 1.94592e-07	H21: 0.005093	H21f: 0.000242524
H11: -2.38818e-07	H23: 0.00598346	H23f: 0.00026015
H13: -3.59247e-07	H25: 0.00563473	H25f: 0.000225389
	H27: 0.00586186	H27f: 0.000217106
	H29: -0.0416577	H29f: -0.00143647
	H31: -0.643135	H31f: -0.0207463

c1sd = 0.9412
c1ed = -0.0834
c2sd = 0.1927
c2ed = 0.2157
c3sd = -0.0069
c3ed = 0.0588
c4sd = -0.0589
c4ed = 0.0461
varx = 0.2611%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 27/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.27
Actual Amplitude:	0.27
Actual Power:	0.0729
Distortion 2H-14H:	3.00167e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.636	end: 12.8129	delta: 1.1769
P2 start: 32.2858	end: 35.6256	delta: 3.3398
P3 start: 53.7546	end: 58.788	delta: 5.0334
P4 start: 75.7569	end: 81.7252	delta: 5.9683

H3: 1.87385e-07	H15: 0.88342	H15f: 0.0588947
H5: 1.68647e-07	H17: -0.940287	H17f: -0.055311
H7: -1.20462e-07	H19: -0.0530266	H19f: -0.00279087
H9: 6.24617e-08	H21: 0.00530077	H21f: 0.000252417
H11: -2.55525e-08	H23: 0.00635609	H23f: 0.000276352
H13: -8.64855e-08	H25: 0.00597442	H25f: 0.000238977
	H27: 0.00625816	H27f: 0.000231784
	H29: -0.0446153	H29f: -0.00153846
	H31: -0.622863	H31f: -0.0200924

c1sd = 0.9679
c1ed = -0.094
c2sd = 0.1927
c2ed = 0.2187
c3sd = -0.0156
c3ed = 0.0582
c4sd = -0.0681
c4ed = 0.0501
varx = 0.2812%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 28/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.28
Actual Amplitude:	0.28
Actual Power:	0.0784
Distortion 2H-14H:	6.05956e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.6709	end: 12.8913	delta: 1.2204
P2 start: 32.2369	end: 35.6978	delta: 3.4609
P3 start: 53.6617	end: 58.8803	delta: 5.2186
P4 start: 75.6444	end: 81.8349	delta: 6.1905

H3: 4.51732e-07	H15: 0.87566	H15f: 0.0583774
H5: 1.08416e-07	H17: -0.935086	H17f: -0.055005
H7: -2.71039e-07	H19: -0.0566318	H19f: -0.00298062
H9: 3.01155e-08	H21: 0.00590793	H21f: 0.00028133
H11: 2.21759e-07	H23: 0.00711574	H23f: 0.00030938
H13: 1.66793e-07	H25: 0.00666092	H25f: 0.000266437
	H27: 0.00697482	H27f: 0.000258327
	H29: -0.0471544	H29f: -0.00162601
	H31: -0.59918	H31f: -0.0193284

c1sd = 1.0268
c1ed = -0.0841
c2sd = 0.2123
c2ed = 0.2224
c3sd = -0.0061
c3ed = 0.048
c4sd = -0.0596
c4ed = 0.039
varx = 0.3005%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 29/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.29
Actual Amplitude:	0.29
Actual Power:	0.0841
Distortion 2H-14H:	3.20153e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.6268	end: 12.8893	delta: 1.2625
P2 start: 32.159	end: 35.7418	delta: 3.5828
P3 start: 53.5546	end: 58.9601	delta: 5.4055
P4 start: 75.5268	end: 81.9418	delta: 6.415

H3: 8.7231e-08	H15: 0.872508	H15f: 0.0581672
H5: -1.04677e-07	H17: -0.925151	H17f: -0.0544206
H7: -3.73847e-08	H19: -0.0612214	H19f: -0.00322218
H9: 2.9077e-08	H21: 0.00539098	H21f: 0.000256713
H11: -4.75806e-08	H23: 0.00687167	H23f: 0.000298768
H13: 2.81823e-07	H25: 0.00644398	H25f: 0.000257759
	H27: 0.00689428	H27f: 0.000255344
	H29: -0.0510594	H29f: -0.00176067
	H31: -0.583545	H31f: -0.018824

c1sd = 1.0159
c1ed = -0.1807
c2sd = 0.229
c2ed = 0.1718
c3sd = 0.0285
c3ed = -0.0138
c4sd = -0.0102
c4ed = -0.0212
varx = 0.3242%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 30/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.3
Actual Amplitude:	0.3
Actual Power:	0.09
Distortion 2H-14H:	4.58136e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7318	end: 13.039	delta: 1.3071
P2 start: 32.1358	end: 35.8382	delta: 3.7024
P3 start: 53.4735	end: 59.0624	delta: 5.5889
P4 start: 75.4183	end: 82.054	delta: 6.6357

H3: -3.37293e-07	H15: 0.860245	H15f: 0.0573497
H5: -1.01188e-07	H17: -0.923372	H17f: -0.054316
H7: -1.80693e-07	H19: -0.0642268	H19f: -0.00338036
H9: 1.96754e-07	H21: 0.00706403	H21f: 0.000336382
H11: 9.19891e-08	H23: 0.00863495	H23f: 0.000375433
H13: -7.78369e-08	H25: 0.00802389	H25f: 0.000320955
	H27: 0.00841476	H27f: 0.000311658
	H29: -0.0524329	H29f: -0.00180803
	H31: -0.552074	H31f: -0.0178088

c1sd = 1.1338
c1ed = -0.0678
c2sd = 0.2426
c2ed = 0.2314
c3sd = 0.0023
c3ed = 0.0336
c4sd = -0.0539
c4ed = 0.0261
varx = 0.3412%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 31/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.31
Actual Amplitude:	0.31
Actual Power:	0.0961
Distortion 2H-14H:	2.42551e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7177	end: 13.0674	delta: 1.3496
P2 start: 32.0685	end: 35.8918	delta: 3.8233
P3 start: 53.3709	end: 59.146	delta: 5.775
P4 start: 75.3019	end: 82.1618	delta: 6.8599

H3: -8.16032e-08	H15: 0.855026	H15f: 0.0570018
H5: 0.0	H17: -0.914599	H17f: -0.0538
H7: 3.49728e-08	H19: -0.0687278	H19f: -0.00361725
H9: 0.0	H21: 0.00693849	H21f: 0.000330404
H11: 2.22554e-07	H23: 0.00879614	H23f: 0.000382441
H13: -3.7663e-08	H25: 0.00817128	H25f: 0.000326851
	H27: 0.00868068	H27f: 0.000321507
	H29: -0.0559247	H29f: -0.00192844
	H31: -0.53282	H31f: -0.0171877

c1sd = 1.1298
c1ed = -0.068
c2sd = 0.2039
c2ed = 0.2564
c3sd = -0.0574
c3ed = 0.0743
c4sd = -0.1197
c4ed = 0.0834
varx = 0.3647%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 32/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.32
Actual Amplitude:	0.32
Actual Power:	0.1024
Distortion 2H-14H:	3.26144e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7293	end: 13.1218	delta: 1.3926
P2 start: 32.0106	end: 35.9542	delta: 3.9436
P3 start: 53.2726	end: 59.2331	delta: 5.9605
P4 start: 75.1868	end: 82.2706	delta: 7.0837

H3: -7.90531e-08	H15: 0.848123	H15f: 0.0565415
H5: 2.37159e-07	H17: -0.907014	H17f: -0.0533538
H7: -2.03279e-07	H19: -0.0730185	H19f: -0.00384308
H9: 2.6351e-08	H21: 0.00720576	H21f: 0.000343131
H11: 4.31199e-08	H23: 0.00933803	H23f: 0.000406001
H13: 0.0	H25: 0.00865238	H25f: 0.000346095
	H27: 0.00925217	H27f: 0.000342673
	H29: -0.0589906	H29f: -0.00203416
	H31: -0.510715	H31f: -0.0164747

c1sd = 1.1643
c1ed = -0.079
c2sd = 0.2114
c2ed = 0.2534
c3sd = -0.0578
c3ed = 0.0635
c4sd = -0.1193
c4ed = 0.0767
varx = 0.3874%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 33/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.33
Actual Amplitude:	0.33
Actual Power:	0.1089
Distortion 2H-14H:	7.28398e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7687	end: 13.2048	delta: 1.4361
P2 start: 31.9632	end: 36.0264	delta: 4.0632
P3 start: 53.1791	end: 59.3241	delta: 6.1451
P4 start: 75.0733	end: 82.3802	delta: 7.3069

H3: 6.89918e-07	H15: 0.839397	H15f: 0.0559598
H5: -4.59945e-08	H17: -0.900752	H17f: -0.0529854
H7: -9.85597e-08	H19: -0.0770505	H19f: -0.00405529
H9: -1.27763e-07	H21: 0.00794497	H21f: 0.000378332
H11: 1.46346e-07	H23: 0.0103259	H23f: 0.000448951
H13: -7.07608e-08	H25: 0.00952546	H25f: 0.000381018
	H27: 0.0101718	H27f: 0.000376734
	H29: -0.0615257	H29f: -0.00212158
	H31: -0.485662	H31f: -0.0156665

c1sd = 1.2263
c1ed = -0.0604
c2sd = 0.2284
c2ed = 0.2612
c3sd = -0.0549
c3ed = 0.0581
c4sd = -0.1191
c4ed = 0.0726
varx = 0.4091%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 34/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.34
Actual Amplitude:	0.34
Actual Power:	0.1156
Distortion 2H-14H:	6.08104e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7663	end: 13.2449	delta: 1.4786
P2 start: 31.8997	end: 36.0829	delta: 4.1832
P3 start: 53.0775	end: 59.4082	delta: 6.3307
P4 start: 74.9566	end: 82.4884	delta: 7.5318

H3: -7.44029e-08	H15: 0.833072	H15f: 0.0555382
H5: -2.6785e-07	H17: -0.89187	H17f: -0.0524629
H7: 2.86983e-07	H19: -0.0817165	H19f: -0.00430087
H9: -2.4801e-07	H21: 0.00795433	H21f: 0.000378778
H11: 3.85542e-07	H23: 0.0106901	H23f: 0.000464786
H13: 0.0	H25: 0.00984921	H25f: 0.000393968
	H27: 0.0106298	H27f: 0.000393695
	H29: -0.0649155	H29f: -0.00223847
	H31: -0.464687	H31f: -0.0149899

c1sd = 1.2637
c1ed = -0.1334
c2sd = 0.278
c2ed = 0.2046
c3sd = 0.0127
c3ed = -0.027
c4sd = -0.0362
c4ed = -0.0188
varx = 0.4336%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 35/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.35
Actual Amplitude:	0.35
Actual Power:	0.1225
Distortion 2H-14H:	3.04105e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.8558	end: 13.3793	delta: 1.5235
P2 start: 31.8719	end: 36.1732	delta: 4.3013
P3 start: 52.9929	end: 59.5065	delta: 6.5136
P4 start: 74.8461	end: 82.5998	delta: 7.7537

H3: -1.44554e-07	H15: 0.821028	H15f: 0.0547352
H5: 0.0	H17: -0.887955	H17f: -0.0522326
H7: -1.5488e-07	H19: -0.0851945	H19f: -0.00448392
H9: -2.40924e-08	H21: 0.00966804	H21f: 0.000460383
H11: 2.16831e-07	H23: 0.0125909	H23f: 0.00054743
H13: 0.0	H25: 0.0115006	H25f: 0.000460023
	H27: 0.0122285	H27f: 0.000452908
	H29: -0.0663664	H29f: -0.0022885
	H31: -0.434628	H31f: -0.0140202

c1sd = 1.3733
c1ed = -0.0563
c2sd = 0.3075
c2ed = 0.2375
c3sd = 0.0139
c3ed = -0.0145
c4sd = -0.0455
c4ed = -0.0086
varx = 0.4532%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 36/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.36
Actual Amplitude:	0.36
Actual Power:	0.1296
Distortion 2H-14H:	2.61472e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.791	end: 13.3552	delta: 1.5641
P2 start: 31.7837	end: 36.2053	delta: 4.4216
P3 start: 52.8786	end: 59.5796	delta: 6.701
P4 start: 74.7242	end: 82.7057	delta: 7.9815

H3: -1.40539e-07	H15: 0.818254	H15f: 0.0545503
H5: 2.10808e-07	H17: -0.875032	H17f: -0.0514725
H7: 6.02309e-08	H19: -0.0909406	H19f: -0.00478635
H9: -2.34231e-08	H21: 0.00844087	H21f: 0.000401946
H11: 0.0	H23: 0.0119296	H23f: 0.000518677
H13: 0.0	H25: 0.0109349	H25f: 0.000437395
	H27: 0.0119665	H27f: 0.000443203
	H29: -0.0711518	H29f: -0.00245351
	H31: -0.419547	H31f: -0.0135338

c1sd = 1.3385
c1ed = -0.1659
c2sd = 0.3047
c2ed = 0.1843
c3sd = 0.0274
c3ed = -0.0693
c4sd = -0.0166
c4ed = -0.0535
varx = 0.4824%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 37/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.37
Actual Amplitude:	0.37
Actual Power:	0.1369
Distortion 2H-14H:	5.53588e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.827	end: 13.4346	delta: 1.6076
P2 start: 31.7348	end: 36.2748	delta: 4.54
P3 start: 52.7832	end: 59.6684	delta: 6.8852
P4 start: 74.6092	end: 82.8151	delta: 8.2059

H3: -2.73481e-07	H15: 0.80922	H15f: 0.053948
H5: -2.87155e-07	H17: -0.867598	H17f: -0.0510352
H7: 1.17206e-07	H19: -0.0953475	H19f: -0.00501829
H9: 1.1395e-07	H21: 0.00912563	H21f: 0.000434554
H11: 2.42404e-07	H23: 0.012986	H23f: 0.000564608
H13: -2.52444e-07	H25: 0.0118506	H25f: 0.000474024
	H27: 0.0129668	H27f: 0.000480252
	H29: -0.0737453	H29f: -0.00254294
	H31: -0.394683	H31f: -0.0127317

c1sd = 1.3813
c1ed = -0.1058
c2sd = 0.2752
c2ed = 0.2344
c3sd = -0.039
c3ed = -0.0095
c4sd = -0.0974
c4ed = 0.0217
varx = 0.5061%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 38/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.38
Actual Amplitude:	0.38
Actual Power:	0.1444
Distortion 2H-14H:	2.91567e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.8717	end: 13.523	delta: 1.6513
P2 start: 31.6895	end: 36.3473	delta: 4.6578
P3 start: 52.6891	end: 59.7582	delta: 7.0691
P4 start: 74.4944	end: 82.9248	delta: 8.4304

H3: 0.0	H15: 0.799535	H15f: 0.0533023
H5: -1.5977e-07	H17: -0.860421	H17f: -0.050613
H7: 1.42652e-07	H19: -0.0996877	H19f: -0.00524672
H9: -8.87613e-08	H21: 0.0100055	H21f: 0.000476453
H11: 1.2709e-07	H23: 0.014242	H23f: 0.000619219
H13: 1.229e-07	H25: 0.0129305	H25f: 0.00051722
	H27: 0.0141128	H27f: 0.000522698
	H29: -0.076106	H29f: -0.00262435
	H31: -0.369095	H31f: -0.0119063

c1sd = 1.437
c1ed = -0.0488
c2sd = 0.2613
c2ed = 0.2755
c3sd = -0.086
c3ed = 0.0334
c4sd = -0.1567
c4ed = 0.0759
varx = 0.5295%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 39/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.39
Actual Amplitude:	0.39
Actual Power:	0.1521
Distortion 2H-14H:	2.15374e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.8618	end: 13.5551	delta: 1.6932
P2 start: 31.6222	end: 36.3985	delta: 4.7762
P3 start: 52.584	end: 59.8386	delta: 7.2545
P4 start: 74.3752	end: 83.0326	delta: 8.6574

H3: -1.29728e-07	H15: 0.79305	H15f: 0.05287
H5: -7.78368e-08	H17: -0.849906	H17f: -0.0499945
H7: 5.55977e-08	H19: -0.104911	H19f: -0.00552165
H9: 1.08107e-07	H21: 0.00974191	H21f: 0.0004639
H11: 8.8451e-08	H23: 0.014536	H23f: 0.000631999
H13: 2.99372e-08	H25: 0.0131863	H25f: 0.000527454
	H27: 0.014595	H27f: 0.000540555
	H29: -0.079742	H29f: -0.00274973
	H31: -0.348626	H31f: -0.011246

c1sd = 1.4711
c1ed = -0.1419
c2sd = 0.3192
c2ed = 0.2015
c3sd = -0.0038
c3ed = -0.0736
c4sd = -0.055
c4ed = -0.0372
varx = 0.5568%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 40/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.4
Actual Amplitude:	0.4
Actual Power:	0.16
Distortion 2H-14H:	2.66058e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.932	end: 13.67	delta: 1.738
P2 start: 31.5874	end: 36.4802	delta: 4.8928
P3 start: 52.4946	end: 59.9318	delta: 7.4372
P4 start: 74.2617	end: 83.1431	delta: 8.8814

H3: 6.32425e-08	H15: 0.781564	H15f: 0.0521043
H5: 3.79455e-08	H17: -0.843735	H17f: -0.0496315
H7: 5.42079e-08	H19: -0.108974	H19f: -0.00573547
H9: 2.10808e-08	H21: 0.0111963	H21f: 0.000533159
H11: 8.62398e-08	H23: 0.016358	H23f: 0.000711218
H13: -2.33511e-07	H25: 0.014732	H25f: 0.000589282
	H27: 0.0161436	H27f: 0.000597912
	H29: -0.0814037	H29f: -0.00280702
	H31: -0.320968	H31f: -0.0103538

c1sd = 1.5515
c1ed = -0.0561
c2sd = 0.3134
c2ed = 0.2541
c3sd = -0.0497
c3ed = -0.024
c4sd = -0.1171
c4ed = 0.0219
varx = 0.5793%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 41/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.41
Actual Amplitude:	0.41
Actual Power:	0.1681
Distortion 2H-14H:	2.8964e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.7656	end: 13.5394	delta: 1.7738
P2 start: 31.4561	end: 36.4696	delta: 5.0136
P3 start: 52.357	end: 59.985	delta: 7.628
P4 start: 74.1295	end: 83.2456	delta: 9.1161

H3: -6.17e-08	H15: 0.784296	H15f: 0.0522864
H5: 0.0	H17: -0.823812	H17f: -0.0484595
H7: -1.05771e-07	H19: -0.116632	H19f: -0.00613852
H9: -2.05667e-08	H21: 0.00747968	H21f: 0.000356175
H11: 2.35582e-07	H23: 0.0137193	H23f: 0.00059649
H13: 1.13908e-07	H25: 0.0125048	H25f: 0.000500191
	H27: 0.0146473	H27f: 0.000542491
	H29: -0.0890185	H29f: -0.0030696
	H31: -0.314447	H31f: -0.0101435

c1sd = 1.4077
c1ed = -0.251
c2sd = 0.2465
c2ed = 0.1792
c3sd = -0.0909
c3ed = -0.067
c4sd = -0.1357
c4ed = 0.0107
varx = 0.6172%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 42/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.42
Actual Amplitude:	0.42
Actual Power:	0.1764
Distortion 2H-14H:	3.16614e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.8619	end: 13.6812	delta: 1.8193
P2 start: 31.4312	end: 36.56	delta: 5.1288
P3 start: 52.2717	end: 60.0813	delta: 7.8095
P4 start: 74.017	end: 83.3569	delta: 9.3399

H3: -6.0231e-08	H15: 0.771069	H15f: 0.0514046
H5: 3.61386e-08	H17: -0.818694	H17f: -0.0481584
H7: -1.5488e-07	H19: -0.12057	H19f: -0.0063458
H9: 2.61001e-07	H21: 0.00935015	H21f: 0.000445245
H11: 4.92799e-08	H23: 0.0160027	H23f: 0.00069577
H13: 2.77989e-08	H25: 0.0144487	H25f: 0.000577948
	H27: 0.0165675	H27f: 0.00061361
	H29: -0.0899921	H29f: -0.00310318
	H31: -0.284758	H31f: -0.00918574

c1sd = 1.5225
c1ed = -0.1619
c2sd = 0.2743
c2ed = 0.2169
c3sd = -0.0974
c3ed = -0.0496
c4sd = -0.1553
c4ed = 0.0291
varx = 0.6391%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 43/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.43
Actual Amplitude:	0.43
Actual Power:	0.1849
Distortion 2H-14H:	3.62126e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.0095	end: 13.8772	delta: 1.8677
P2 start: 31.4289	end: 36.6715	delta: 5.2426
P3 start: 52.1975	end: 60.1862	delta: 7.9887
P4 start: 73.9085	end: 83.4699	delta: 9.5614

H3: -2.35321e-07	H15: 0.754535	H15f: 0.0503024
H5: -3.52981e-08	H17: -0.816318	H17f: -0.0480187
H7: 1.51278e-07	H19: -0.123543	H19f: -0.00650226
H9: -1.1766e-07	H21: 0.0126582	H21f: 0.000602774
H11: 1.76491e-07	H23: 0.0195272	H23f: 0.00084901
H13: -8.14572e-08	H25: 0.0173866	H25f: 0.000695465
	H27: 0.0192536	H27f: 0.000713097
	H29: -0.0894305	H29f: -0.00308381
	H31: -0.251156	H31f: -0.00810179

c1sd = 1.6958
c1ed = -0.0391
c2sd = 0.3452
c2ed = 0.2551
c3sd = -0.062
c3ed = -0.0542
c4sd = -0.1344
c4ed = 0.0129
varx = 0.6572%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 44/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.44
Actual Amplitude:	0.44
Actual Power:	0.1936
Distortion 2H-14H:	1.7631e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 11.9746	end: 13.8826	delta: 1.908
P2 start: 31.3501	end: 36.7097	delta: 5.3596
P3 start: 52.0848	end: 60.2594	delta: 8.1746
P4 start: 73.7848	end: 83.5768	delta: 9.792

H3: 5.74931e-08	H15: 0.749027	H15f: 0.0499351
H5: 0.0	H17: -0.803268	H17f: -0.0472511
H7: -7.39198e-08	H19: -0.129554	H19f: -0.00681862
H9: -7.66575e-08	H21: 0.0115851	H21f: 0.000551671
H11: 1.2544e-07	H23: 0.0193402	H23f: 0.000840879
H13: -2.65353e-08	H25: 0.0172432	H25f: 0.000689728
	H27: 0.0195258	H27f: 0.000723179
	H29: -0.0937067	H29f: -0.00323127
	H31: -0.233366	H31f: -0.00752794

c1sd = 1.6866
c1ed = -0.107
c2sd = 0.3397
c2ed = 0.2201
c3sd = -0.0651
c3ed = -0.0907
c4sd = -0.1288
c4ed = -0.0096
varx = 0.6881%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 45/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.45
Actual Amplitude:	0.45
Actual Power:	0.2025
Distortion 2H-14H:	5.16035e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.0862	end: 14.0416	delta: 1.9554
P2 start: 31.3341	end: 36.8072	delta: 5.4731
P3 start: 52.0031	end: 60.3576	delta: 8.3545
P4 start: 73.673	end: 83.6886	delta: 10.0157

H3: -2.81078e-07	H15: 0.734429	H15f: 0.0489619
H5: -1.01188e-07	H17: -0.798434	H17f: -0.0469667
H7: -1.92739e-07	H19: -0.133042	H19f: -0.00700219
H9: 2.62339e-07	H21: 0.014243	H21f: 0.000678238
H11: 6.13261e-08	H23: 0.0223573	H23f: 0.000972055
H13: 2.59456e-07	H25: 0.019707	H25f: 0.000788279
	H27: 0.0218262	H27f: 0.000808377
	H29: -0.0938688	H29f: -0.00323686
	H31: -0.203746	H31f: -0.00657244

c1sd = 1.824
c1ed = -0.0214
c2sd = 0.3972
c2ed = 0.2441
c3sd = -0.0369
c3ed = -0.1024
c4sd = -0.111
c4ed = -0.0274
varx = 0.7086%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 46/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.46
Actual Amplitude:	0.46
Actual Power:	0.2116
Distortion 2H-14H:	3.67461e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.0818	end: 14.0789	delta: 1.9971
P2 start: 31.2681	end: 36.8567	delta: 5.5886
P3 start: 51.8959	end: 60.4349	delta: 8.5389
P4 start: 73.5507	end: 83.7965	delta: 10.2458

H3: 2.19974e-07	H15: 0.726852	H15f: 0.0484568
H5: -9.89882e-08	H17: -0.786737	H17f: -0.0462786
H7: -2.12118e-07	H19: -0.138645	H19f: -0.00729708
H9: 3.66623e-08	H21: 0.0138654	H21f: 0.000660257
H11: 1.19986e-07	H23: 0.0228556	H23f: 0.00099372
H13: 1.26908e-07	H25: 0.0201195	H25f: 0.00080478
	H27: 0.0225715	H27f: 0.000835983
	H29: -0.097225	H29f: -0.00335258
	H31: -0.183929	H31f: -0.00593319

c1sd = 1.859
c1ed = -0.0962
c2sd = 0.4433
c2ed = 0.1815
c3sd = 0.0237
c3ed = -0.1929
c4sd = -0.0354
c4ed = -0.1174
varx = 0.7379%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 47/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.47
Actual Amplitude:	0.47
Actual Power:	0.2209
Distortion 2H-14H:	4.02208e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.0275	end: 14.0634	delta: 2.0359
P2 start: 31.18	end: 36.8847	delta: 5.7047
P3 start: 51.7771	end: 60.5025	delta: 8.7254
P4 start: 73.4234	end: 83.9028	delta: 10.4793

H3: -2.15294e-07	H15: 0.722216	H15f: 0.0481478
H5: 6.45881e-08	H17: -0.771961	H17f: -0.0454095
H7: -2.07605e-07	H19: -0.145184	H19f: -0.00764127
H9: -1.79411e-08	H21: 0.0120719	H21f: 0.000574853
H11: 2.49545e-07	H23: 0.0222133	H23f: 0.000965796
H13: 7.45247e-08	H25: 0.019617	H25f: 0.00078468
	H27: 0.0226597	H27f: 0.000839249
	H29: -0.102037	H29f: -0.0035185
	H31: -0.168208	H31f: -0.00542606

c1sd = 1.816
c1ed = -0.1438
c2sd = 0.3872
c2ed = 0.1774
c3sd = -0.0471
c3ed = -0.1733
c4sd = -0.106
c4ed = -0.0678
varx = 0.7711%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 48/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.48
Actual Amplitude:	0.48
Actual Power:	0.2304
Distortion 2H-14H:	3.17503e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.1067	end: 14.1888	delta: 2.0821
P2 start: 31.1505	end: 36.9678	delta: 5.8174
P3 start: 51.6875	end: 60.5934	delta: 8.9059
P4 start: 73.3074	end: 84.0134	delta: 10.706

H3: 0.0	H15: 0.709319	H15f: 0.0472879
H5: 1.58106e-07	H17: -0.764699	H17f: -0.0449823
H7: 2.25866e-07	H19: -0.149346	H19f: -0.00786034
H9: -1.22972e-07	H21: 0.0138977	H21f: 0.000661795
H11: 1.43733e-08	H23: 0.0246596	H23f: 0.00107216
H13: -9.72962e-08	H25: 0.0215872	H25f: 0.000863487
	H27: 0.0246179	H27f: 0.000911774
	H29: -0.102863	H29f: -0.00354699
	H31: -0.142451	H31f: -0.00459518

c1sd = 1.9227
c1ed = -0.0969
c2sd = 0.4362
c2ed = 0.1821
c3sd = -0.0192
c3ed = -0.1998
c4sd = -0.0835
c4ed = -0.0957
varx = 0.7945%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 49/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.49
Actual Amplitude:	0.49
Actual Power:	0.2401
Distortion 2H-14H:	4.1855e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.2088	end: 14.339	delta: 2.1302
P2 start: 31.1322	end: 37.0612	delta: 5.929
P3 start: 51.6034	end: 60.6883	delta: 9.0849
P4 start: 73.1932	end: 84.1249	delta: 10.9317

H3: 5.16265e-08	H15: 0.694878	H15f: 0.0463252
H5: -3.09759e-08	H17: -0.758588	H17f: -0.0446228
H7: -8.85026e-08	H19: -0.152967	H19f: -0.00805089
H9: -3.61386e-07	H21: 0.0165342	H21f: 0.000787341
H11: 1.1264e-07	H23: 0.0277977	H23f: 0.00120859
H13: -1.42966e-07	H25: 0.0240633	H25f: 0.000962531
	H27: 0.0269273	H27f: 0.000997306
	H29: -0.10286	H29f: -0.0035469
	H31: -0.115625	H31f: -0.00372983

c1sd = 2.0469
c1ed = -0.0096
c2sd = 0.4808
c2ed = 0.2127
c3sd = -0.0093
c3ed = -0.199
c4sd = -0.0867
c4ed = -0.0952
varx = 0.8159%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 50/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.5
Actual Amplitude:	0.5
Actual Power:	0.25
Distortion 2H-14H:	2.45e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.1616	end: 14.3303	delta: 2.1688
P2 start: 31.046	end: 37.0895	delta: 6.0435
P3 start: 51.4841	end: 60.7547	delta: 9.2706
P4 start: 73.0645	end: 84.2314	delta: 11.1669

H3: -5.0594e-08	H15: 0.689562	H15f: 0.0459708
H5: 0.0	H17: -0.743657	H17f: -0.0437445
H7: 0.0	H19: -0.159599	H19f: -0.00839993
H9: 0.0	H21: 0.014662	H21f: 0.00069819
H11: 2.20774e-07	H23: 0.0272747	H23f: 0.00118586
H13: 9.34043e-08	H25: 0.0236726	H25f: 0.000946906
	H27: 0.0272023	H27f: 0.00100749
	H29: -0.10737	H29f: -0.00370241
	H31: -0.100184	H31f: -0.00323173

c1sd = 2.0229
c1ed = -0.0846
c2sd = 0.4609
c2ed = 0.1746
c3sd = -0.0294
c3ed = -0.2319
c4sd = -0.0984
c4ed = -0.1058
varx = 0.8494%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 51/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.51
Actual Amplitude:	0.51
Actual Power:	0.2601
Distortion 2H-14H:	2.85592e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.2399	end: 14.4556	delta: 2.2157
P2 start: 31.0175	end: 37.1721	delta: 6.1546
P3 start: 51.3939	end: 60.844	delta: 9.4501
P4 start: 72.947	end: 84.3421	delta: 11.3951

H3: -2.4801e-07	H15: 0.676408	H15f: 0.0450939
H5: 2.97612e-08	H17: -0.735831	H17f: -0.0432842
H7: -8.50319e-08	H19: -0.163701	H19f: -0.00861585
H9: 9.92039e-08	H21: 0.0166173	H21f: 0.000791298
H11: 0.0	H23: 0.0299428	H23f: 0.00130186
H13: -4.57864e-08	H25: 0.02575	H25f: 0.00103
	H27: 0.0292428	H27f: 0.00108307
	H29: -0.107897	H29f: -0.0037206
	H31: -0.0761788	H31f: -0.00245738

c1sd = 2.1201
c1ed = -0.0129
c2sd = 0.486
c2ed = 0.2036
c3sd = -0.0393
c3ed = -0.2228
c4sd = -0.1211
c4ed = -0.0898
varx = 0.8729%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 52/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.52
Actual Amplitude:	0.52
Actual Power:	0.2704
Distortion 2H-14H:	4.09047e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.1546	end: 14.4057	delta: 2.2511
P2 start: 30.9129	end: 37.1818	delta: 6.2689
P3 start: 51.264	end: 60.9015	delta: 9.6375
P4 start: 72.8129	end: 84.4474	delta: 11.6345

H3: -4.86481e-08	H15: 0.67322	H15f: 0.0448813
H5: 1.75133e-07	H17: -0.718326	H17f: -0.0422545
H7: -8.33967e-08	H19: -0.17114	H19f: -0.00900739
H9: -1.6216e-08	H21: 0.0133763	H21f: 0.000636969
H11: -3.44959e-07	H23: 0.0284161	H23f: 0.00123548
H13: 8.98118e-08	H25: 0.0245946	H25f: 0.000983783
	H27: 0.0290655	H27f: 0.0010765
	H29: -0.113583	H29f: -0.00391665
	H31: -0.063925	H31f: -0.0020621

c1sd = 2.0416
c1ed = -0.0822
c2sd = 0.4008
c2ed = 0.1939
c3sd = -0.1401
c3ed = -0.1944
c4sd = -0.221
c4ed = -0.0187
varx = 0.9097%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 53/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.53
Actual Amplitude:	0.53
Actual Power:	0.2809
Distortion 2H-14H:	3.67968e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.2481	end: 14.5475	delta: 2.2994
P2 start: 30.8917	end: 37.2701	delta: 6.3785
P3 start: 51.1766	end: 60.9922	delta: 9.8156
P4 start: 72.6957	end: 84.5586	delta: 11.8629

H3: -1.90921e-07	H15: 0.658983	H15f: 0.0439322
H5: 2.86381e-08	H17: -0.711069	H17f: -0.0418276
H7: 6.13674e-08	H19: -0.174991	H19f: -0.00921003
H9: 9.54604e-08	H21: 0.0157637	H21f: 0.000750654
H11: 2.60346e-07	H23: 0.0315513	H23f: 0.00137179
H13: -1.32176e-07	H25: 0.0270127	H25f: 0.00108051
	H27: 0.0313772	H27f: 0.00116212
	H29: -0.113423	H29f: -0.00391113
	H31: -0.0399569	H31f: -0.00128893

c1sd = 2.1569
c1ed = -0.0023
c2sd = 0.4415
c2ed = 0.2203
c3sd = -0.1348
c3ed = -0.1963
c4sd = -0.2289
c4ed = -0.0168
varx = 0.9321%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 54/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.54
Actual Amplitude:	0.54
Actual Power:	0.2916
Distortion 2H-14H:	2.76463e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.298	end: 14.6427	delta: 2.3447
P2 start: 30.8505	end: 37.3389	delta: 6.4884
P3 start: 51.0785	end: 61.074	delta: 9.9955
P4 start: 72.5735	end: 84.6683	delta: 12.0948

H3: 1.40539e-07	H15: 0.647324	H15f: 0.043155
H5: -1.68647e-07	H17: -0.701118	H17f: -0.0412422
H7: -4.0154e-08	H19: -0.179673	H19f: -0.00945649
H9: -7.80772e-08	H21: 0.0167956	H21f: 0.00079979
H11: -1.27763e-07	H23: 0.0336217	H23f: 0.00146181
H13: -6.48641e-08	H25: 0.0285906	H25f: 0.00114362
	H27: 0.0331147	H27f: 0.00122647
	H29: -0.114571	H29f: -0.00395073
	H31: -0.0195841	H31f: -0.000631747

c1sd = 2.2422
c1ed = -0.0078
c2sd = 0.5011
c2ed = 0.1883
c3sd = -0.0822
c3ed = -0.2653
c4sd = -0.1732
c4ed = -0.0849
varx = 0.958%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 55/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.55
Actual Amplitude:	0.55
Actual Power:	0.3025
Distortion 2H-14H:	2.27166e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.2169	end: 14.5963	delta: 2.3794
P2 start: 30.7461	end: 37.3471	delta: 6.601
P3 start: 50.9469	end: 61.1292	delta: 10.1823
P4 start: 72.4369	end: 84.7739	delta: 12.337

H3: -4.59945e-08	H15: 0.643601	H15f: 0.0429067
H5: -8.27902e-08	H17: -0.683349	H17f: -0.040197
H7: 1.97119e-08	H19: -0.187113	H19f: -0.00984807
H9: -1.53315e-07	H21: 0.0133229	H21f: 0.000634426
H11: 5.01759e-08	H23: 0.0321142	H23f: 0.00139627
H13: -1.2737e-07	H25: 0.0274783	H25f: 0.00109913
	H27: 0.0331165	H27f: 0.00122654
	H29: -0.120039	H29f: -0.00413927
	H31: -0.00795332	H31f: -0.000256559

c1sd = 2.1848
c1ed = -0.1219
c2sd = 0.4643
c2ed = 0.1289
c3sd = -0.1126
c3ed = -0.3113
c4sd = -0.1905
c4ed = -0.0987
varx = 0.9948%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 56/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.56
Actual Amplitude:	0.56
Actual Power:	0.3136
Distortion 2H-14H:	2.10881e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.3699	end: 14.8035	delta: 2.4336
P2 start: 30.7554	end: 37.4624	delta: 6.7071
P3 start: 50.8742	end: 61.2298	delta: 10.3557
P4 start: 72.3242	end: 84.887	delta: 12.5628

H3: 4.51732e-08	H15: 0.625484	H15f: 0.0416989
H5: 2.71039e-08	H17: -0.679146	H17f: -0.0399498
H7: -5.80798e-08	H19: -0.189591	H19f: -0.00997845
H9: -1.50577e-07	H21: 0.0178836	H21f: 0.000851602
H11: 0.0	H23: 0.0371389	H23f: 0.00161473
H13: -1.25095e-07	H25: 0.0312303	H25f: 0.00124921
	H27: 0.0362944	H27f: 0.00134424
	H29: -0.117492	H29f: -0.00405145
	H31: 0.0175349	H31f: 0.000565642

c1sd = 2.3603
c1ed = 0.0212
c2sd = 0.5377
c2ed = 0.1802
c3sd = -0.0894
c3ed = -0.3066
c4sd = -0.19
c4ed = -0.0987
varx = 1.0118%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 57/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.57
Actual Amplitude:	0.57
Actual Power:	0.3249
Distortion 2H-14H:	2.54594e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.3336	end: 14.8051	delta: 2.4715
P2 start: 30.6719	end: 37.4891	delta: 6.8173
P3 start: 50.7522	end: 61.2917	delta: 10.5395
P4 start: 72.1903	end: 84.9941	delta: 12.8038

H3: -1.77523e-07	H15: 0.61889	H15f: 0.0412594
H5: -5.32568e-08	H17: -0.663702	H17f: -0.0390413
H7: -7.60812e-08	H19: -0.196159	H19f: -0.0103242
H9: 1.33142e-07	H21: 0.0157308	H21f: 0.000749086
H11: 7.2623e-08	H23: 0.0368479	H23f: 0.00160208
H13: -4.09668e-08	H25: 0.0310397	H25f: 0.00124159
	H27: 0.0369826	H27f: 0.00136973
	H29: -0.121297	H29f: -0.00418264
	H31: 0.0310076	H31f: 0.00100024

c1sd = 2.3264
c1ed = 0.0161
c2sd = 0.4609
c2ed = 0.2
c3sd = -0.2012
c3ed = -0.2549
c4sd = -0.3119
c4ed = -0.0037
varx = 1.0451%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 58/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.58
Actual Amplitude:	0.58
Actual Power:	0.3364
Distortion 2H-14H:	1.77369e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.3537	end: 14.8681	delta: 2.5145
P2 start: 30.6162	end: 37.5416	delta: 6.9254
P3 start: 50.6443	end: 61.3639	delta: 10.7197
P4 start: 72.0617	end: 85.1031	delta: 13.0414

H3: -4.36155e-08	H15: 0.608755	H15f: 0.0405836
H5: 7.85079e-08	H17: -0.651428	H17f: -0.0383193
H7: -9.34618e-08	H19: -0.201455	H19f: -0.0106029
H9: 8.7231e-08	H21: 0.0155526	H21f: 0.0007406
H11: 2.37903e-08	H23: 0.038194	H23f: 0.00166061
H13: -8.0521e-08	H25: 0.0320426	H25f: 0.0012817
	H27: 0.03845	H27f: 0.00142407
	H29: -0.123082	H29f: -0.00424419
	H31: 0.0472345	H31f: 0.00152369

c1sd = 2.3697
c1ed = 0.0128
c2sd = 0.4716
c2ed = 0.1862
c3sd = -0.2099
c3ed = -0.2819
c4sd = -0.3235
c4ed = -0.0117
varx = 1.0734%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 59/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.59
Actual Amplitude:	0.59
Actual Power:	0.3481
Distortion 2H-14H:	3.12392e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.3898	end: 14.9488	delta: 2.559
P2 start: 30.5687	end: 37.601	delta: 7.0323
P3 start: 50.5401	end: 61.4385	delta: 10.8984
P4 start: 71.9339	end: 85.2125	delta: 13.2786

H3: -8.57525e-08	H15: 0.597567	H15f: 0.0398378
H5: -1.02903e-07	H17: -0.639972	H17f: -0.0376454
H7: 9.18777e-08	H19: -0.206371	H19f: -0.0108616
H9: -4.28763e-08	H21: 0.0159304	H21f: 0.00075859
H11: 2.10484e-07	H23: 0.040046	H23f: 0.00174113
H13: 1.58312e-07	H25: 0.0334002	H25f: 0.00133601
	H27: 0.0401554	H27f: 0.00148724
	H29: -0.124199	H29f: -0.00428271
	H31: 0.0637093	H31f: 0.00205514

c1sd = 2.4294
c1ed = 0.0262
c2sd = 0.4913
c2ed = 0.1784
c3sd = -0.2135
c3ed = -0.3079
c4sd = -0.3327
c4ed = -0.0209
varx = 1.1001%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 60/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.6
Actual Amplitude:	0.6
Actual Power:	0.36
Distortion 2H-14H:	1.46545e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.464	end: 15.0717	delta: 2.6077
P2 start: 30.5413	end: 37.6788	delta: 7.1375
P3 start: 50.446	end: 61.5202	delta: 11.0742
P4 start: 71.8098	end: 85.3233	delta: 13.5135

H3: 0.0	H15: 0.583977	H15f: 0.0389318
H5: -5.0594e-08	H17: -0.630653	H17f: -0.0370972
H7: -1.80693e-08	H19: -0.210355	H19f: -0.0110713
H9: -1.40539e-08	H21: 0.0177923	H21f: 0.000847252
H11: -6.89918e-08	H23: 0.0431203	H23f: 0.00187479
H13: 1.16755e-07	H25: 0.0356026	H25f: 0.0014241
	H27: 0.0423586	H27f: 0.00156884
	H29: -0.123845	H29f: -0.00427051
	H31: 0.0814392	H31f: 0.00262707

c1sd = 2.5202
c1ed = 0.1019
c2sd = 0.511
c2ed = 0.2091
c3sd = -0.237
c3ed = -0.2968
c4sd = -0.3736
c4ed = 0.0066
varx = 1.1232%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 61/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.61
Actual Amplitude:	0.61
Actual Power:	0.3721
Distortion 2H-14H:	3.44819e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.4729	end: 15.1226	delta: 2.6496
P2 start: 30.4801	end: 37.7238	delta: 7.2437
P3 start: 50.3333	end: 61.5869	delta: 11.2536
P4 start: 71.6768	end: 85.4319	delta: 13.7551

H3: 4.14705e-08	H15: 0.574321	H15f: 0.0382881
H5: 2.48823e-08	H17: -0.617351	H17f: -0.0363148
H7: -2.66596e-07	H19: -0.215832	H19f: -0.0113596
H9: 8.2941e-08	H21: 0.0170455	H21f: 0.000811693
H11: 1.80962e-07	H23: 0.0442213	H23f: 0.00192267
H13: 7.65609e-08	H25: 0.0363943	H25f: 0.00145577
	H27: 0.0437767	H27f: 0.00162136
	H29: -0.125697	H29f: -0.00433437
	H31: 0.0950789	H31f: 0.00306706

c1sd = 2.5761
c1ed = 0.0192
c2sd = 0.5835
c2ed = 0.1203
c3sd = -0.1496
c3ed = -0.4301
c4sd = -0.2705
c4ed = -0.1208
varx = 1.152%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 62/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.62
Actual Amplitude:	0.62
Actual Power:	0.3844
Distortion 2H-14H:	2.94113e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.4019	end: 15.0845	delta: 2.6826
P2 start: 30.3765	end: 37.7276	delta: 7.3511
P3 start: 50.197	end: 61.635	delta: 11.438
P4 start: 71.5328	end: 85.5382	delta: 14.0055

H3: -2.04008e-07	H15: 0.569438	H15f: 0.0379625
H5: 0.0	H17: -0.599161	H17f: -0.0352448
H7: -5.24592e-08	H19: -0.223103	H19f: -0.0117423
H9: 1.90408e-07	H21: 0.0129712	H21f: 0.000617675
H11: 6.67663e-08	H23: 0.0427964	H23f: 0.00186071
H13: -3.7663e-08	H25: 0.0354157	H25f: 0.00141663
	H27: 0.0442689	H27f: 0.00163959
	H29: -0.130356	H29f: -0.00449504
	H31: 0.104238	H31f: 0.00336251

c1sd = 2.5041
c1ed = -0.0164
c2sd = 0.4774
c2ed = 0.1267
c3sd = -0.2897
c3ed = -0.3782
c4sd = -0.419
c4ed = -0.01
varx = 1.188%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 63/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.63
Actual Amplitude:	0.63
Actual Power:	0.3969
Distortion 2H-14H:	1.59762e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.5656	end: 15.3079	delta: 2.7423
P2 start: 30.3978	end: 37.8494	delta: 7.4516
P3 start: 50.1275	end: 61.7333	delta: 11.6058
P4 start: 71.4169	end: 85.6519	delta: 14.2349

H3: 0.0	H15: 0.55024	H15f: 0.0366826
H5: -4.81848e-08	H17: -0.594857	H17f: -0.0349916
H7: -1.72088e-08	H19: -0.224847	H19f: -0.011834
H9: 5.35386e-08	H21: 0.0184945	H21f: 0.00088069
H11: -8.76087e-08	H23: 0.0489054	H23f: 0.00212632
H13: 1.11196e-07	H25: 0.0396489	H25f: 0.00158596
	H27: 0.0475844	H27f: 0.00176239
	H29: -0.126369	H29f: -0.00435756
	H31: 0.123826	H31f: 0.00399438

c1sd = 2.6944
c1ed = 0.1312
c2sd = 0.5745
c2ed = 0.1728
c3sd = -0.2459
c3ed = -0.3933
c4sd = -0.4012
c4ed = -0.0301
varx = 1.2022%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 64/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.64
Actual Amplitude:	0.64
Actual Power:	0.4096
Distortion 2H-14H:	1.61295e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.5023	end: 15.2777	delta: 2.7754
P2 start: 30.297	end: 37.8542	delta: 7.5572
P3 start: 49.991	end: 61.7798	delta: 11.7888
P4 start: 71.2708	end: 85.7585	delta: 14.4877

H3: 7.90531e-08	H15: 0.544789	H15f: 0.0363193
H5: -1.1858e-07	H17: -0.576898	H17f: -0.0339352
H7: 3.38799e-08	H19: -0.231974	H19f: -0.0122092
H9: -3.95266e-08	H21: 0.0144179	H21f: 0.000686565
H11: 0.0	H23: 0.047677	H23f: 0.00207291
H13: 5.47291e-08	H25: 0.0388349	H25f: 0.0015534
	H27: 0.048294	H27f: 0.00178867
	H29: -0.130521	H29f: -0.00450072
	H31: 0.132242	H31f: 0.00426587

c1sd = 2.6525
c1ed = 0.0402
c2sd = 0.5345
c2ed = 0.1167
c3sd = -0.2913
c3ed = -0.4379
c4sd = -0.4398
c4ed = -0.0309
varx = 1.2373%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 65/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.65
Actual Amplitude:	0.65
Actual Power:	0.4225
Distortion 2H-14H:	2.06159e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.5973	end: 15.4254	delta: 2.8281
P2 start: 30.283	end: 37.9407	delta: 7.6577
P3 start: 49.9011	end: 61.8607	delta: 11.9597
P4 start: 71.1442	end: 85.8701	delta: 14.7258

H3: -1.55674e-07	H15: 0.529656	H15f: 0.0353104
H5: 1.16755e-07	H17: -0.56832	H17f: -0.0334306
H7: 3.33587e-08	H19: -0.235181	H19f: -0.012378
H9: -1.29728e-08	H21: 0.0171305	H21f: 0.000815737
H11: 2.12283e-08	H23: 0.0517284	H23f: 0.00224906
H13: 5.38871e-08	H25: 0.0415738	H25f: 0.00166295
	H27: 0.0508052	H27f: 0.00188168
	H29: -0.12876	H29f: -0.00444
	H31: 0.146838	H31f: 0.00473671

c1sd = 2.7638
c1ed = 0.1415
c2sd = 0.5669
c2ed = 0.1568
c3sd = -0.3118
c3ed = -0.4264
c4sd = -0.4845
c4ed = -0.0012
varx = 1.2572%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 66/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.66
Actual Amplitude:	0.66
Actual Power:	0.4356
Distortion 2H-14H:	3.34589e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.8012	end: 15.6983	delta: 2.8971
P2 start: 30.3339	end: 38.0886	delta: 7.7547
P3 start: 49.8467	end: 61.9675	delta: 12.1209
P4 start: 71.0326	end: 85.9852	delta: 14.9526

H3: 0.0	H15: 0.507661	H15f: 0.0338441
H5: -1.83978e-07	H17: -0.566224	H17f: -0.0333073
H7: 1.14986e-07	H19: -0.23506	H19f: -0.0123716
H9: -6.38813e-08	H21: 0.0252613	H21f: 0.00120292
H11: 1.2544e-07	H23: 0.059764	H23f: 0.00259844
H13: -2.12282e-07	H25: 0.0467459	H25f: 0.00186984
	H27: 0.0542642	H27f: 0.00200979
	H29: -0.122957	H29f: -0.00423991
	H31: 0.164357	H31f: 0.00530184

c1sd = 3.0079
c1ed = 0.3
c2sd = 0.7322
c2ed = 0.1903
c3sd = -0.195
c3ed = -0.4908
c4sd = -0.3941
c4ed = -0.0881
varx = 1.2648%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 67/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.67
Actual Amplitude:	0.67
Actual Power:	0.4489
Distortion 2H-14H:	2.91263e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.5614	end: 15.4658	delta: 2.9044
P2 start: 30.1293	end: 37.9912	delta: 7.8618
P3 start: 49.6499	end: 61.966	delta: 12.3161
P4 start: 70.856	end: 86.0865	delta: 15.2305

H3: -1.1327e-07	H15: 0.512905	H15f: 0.0341937
H5: 6.79621e-08	H17: -0.537302	H17f: -0.031606
H7: -1.94177e-07	H19: -0.246951	H19f: -0.0129974
H9: 1.63612e-07	H21: 0.0123298	H21f: 0.000587135
H11: -4.11891e-08	H23: 0.0522671	H23f: 0.00227248
H13: 3.48524e-08	H25: 0.0419539	H25f: 0.00167815
	H27: 0.0534816	H27f: 0.0019808
	H29: -0.133161	H29f: -0.00459176
	H31: 0.164365	H31f: 0.00530208

c1sd = 2.7746
c1ed = 0.0489
c2sd = 0.5463
c2ed = 0.0742
c3sd = -0.3638
c3ed = -0.5203
c4sd = -0.5378
c4ed = -0.0197
varx = 1.3175%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 68/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.68
Actual Amplitude:	0.68
Actual Power:	0.4624
Distortion 2H-14H:	1.27188e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.7577	end: 15.7308	delta: 2.9731
P2 start: 30.1763	end: 38.1333	delta: 7.957
P3 start: 49.5918	end: 62.0677	delta: 12.4759
P4 start: 70.7406	end: 86.2014	delta: 15.4608

H3: -3.72015e-08	H15: 0.491484	H15f: 0.0327656
H5: -4.46418e-08	H17: -0.534638	H17f: -0.0314493
H7: 3.1887e-08	H19: -0.24724	H19f: -0.0130126
H9: 9.92039e-08	H21: 0.019927	H21f: 0.000948905
H11: 4.05834e-08	H23: 0.0601557	H23f: 0.00261546
H13: 1.71699e-08	H25: 0.0470265	H25f: 0.00188106
	H27: 0.0569234	H27f: 0.00210827
	H29: -0.127266	H29f: -0.00438849
	H31: 0.179848	H31f: 0.00580155

c1sd = 2.9941
c1ed = 0.2481
c2sd = 0.659
c2ed = 0.1505
c3sd = -0.3234
c3ed = -0.517
c4sd = -0.5371
c4ed = -0.021
varx = 1.3262%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 69/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.69
Actual Amplitude:	0.69
Actual Power:	0.4761
Distortion 2H-14H:	1.32968e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.84	end: 15.8668	delta: 3.0269
P2 start: 30.1594	end: 38.2136	delta: 8.0542
P3 start: 49.4978	end: 62.1413	delta: 12.6435
P4 start: 70.6077	end: 86.3129	delta: 15.7051

H3: 3.66623e-08	H15: 0.476884	H15f: 0.0317923
H5: -4.39948e-08	H17: -0.525019	H17f: -0.0308834
H7: 1.57124e-08	H19: -0.250212	H19f: -0.013169
H9: -2.44415e-08	H21: 0.022342	H21f: 0.00106391
H11: 7.99905e-08	H23: 0.0641621	H23f: 0.00278966
H13: 8.46053e-08	H25: 0.0494888	H25f: 0.00197955
	H27: 0.0591671	H27f: 0.00219137
	H29: -0.125471	H29f: -0.00432657
	H31: 0.189943	H31f: 0.0061272

c1sd = 3.0947
c1ed = 0.3316
c2sd = 0.6946
c2ed = 0.1784
c3sd = -0.3389
c3ed = -0.522
c4sd = -0.5773
c4ed = -0.0021
varx = 1.3452%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 70/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.7
Actual Amplitude:	0.7
Actual Power:	0.49
Distortion 2H-14H:	2.85236e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.7069	end: 15.7536	delta: 3.0467
P2 start: 30.0125	end: 38.1678	delta: 8.1554
P3 start: 49.3294	end: 62.1579	delta: 12.8284
P4 start: 70.4394	end: 86.4178	delta: 15.9785

H3: 1.44554e-07	H15: 0.475398	H15f: 0.0316932
H5: -6.50494e-08	H17: -0.502203	H17f: -0.0295413
H7: 1.08416e-07	H19: -0.259169	H19f: -0.0136405
H9: -1.92739e-07	H21: 0.0137069	H21f: 0.000652708
H11: -7.88478e-08	H23: 0.0602249	H23f: 0.00261847
H13: -3.33587e-08	H25: 0.0470779	H25f: 0.00188312
	H27: 0.0597354	H27f: 0.00221242
	H29: -0.13135	H29f: -0.0045293
	H31: 0.192444	H31f: 0.00620788

c1sd = 2.9859
c1ed = 0.1494
c2sd = 0.6167
c2ed = 0.0636
c3sd = -0.404
c3ed = -0.6087
c4sd = -0.6238
c4ed = -0.019
varx = 1.3864%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 71/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.71
Actual Amplitude:	0.71
Actual Power:	0.504099
Distortion 2H-14H:	2.01256e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.7967	end: 15.8983	delta: 3.1016
P2 start: 29.9998	end: 38.2499	delta: 8.2501
P3 start: 49.2358	end: 62.229	delta: 12.9933
P4 start: 70.3038	end: 86.5297	delta: 16.2259

H3: 0.0	H15: 0.460319	H15f: 0.0306879
H5: -6.41333e-08	H17: -0.492908	H17f: -0.0289946
H7: 1.37428e-07	H19: -0.261918	H19f: -0.0137852
H9: -9.50123e-08	H21: 0.016253	H21f: 0.000773952
H11: 7.77373e-08	H23: 0.0645572	H23f: 0.00280684
H13: -4.93333e-08	H25: 0.0497339	H25f: 0.00198936
	H27: 0.0621273	H27f: 0.00230101
	H29: -0.128956	H29f: -0.00444677
	H31: 0.201232	H31f: 0.00649135

c1sd = 3.0963
c1ed = 0.2353
c2sd = 0.6629
c2ed = 0.0868
c3sd = -0.4096
c3ed = -0.6256
c4sd = -0.6556
c4ed = -0.011
varx = 1.4043%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 72/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.72
Actual Amplitude:	0.72
Actual Power:	0.5184
Distortion 2H-14H:	1.81572e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.8719	end: 16.027	delta: 3.1551
P2 start: 29.9797	end: 38.3238	delta: 8.3441
P3 start: 49.1372	end: 62.295	delta: 13.1578
P4 start: 70.1644	end: 86.6412	delta: 16.4768

H3: -7.02694e-08	H15: 0.446063	H15f: 0.0297376
H5: -2.10808e-08	H17: -0.48268	H17f: -0.028393
H7: -3.01155e-08	H19: -0.264878	H19f: -0.013941
H9: 1.40539e-07	H21: 0.0181446	H21f: 0.000864028
H11: -7.66576e-08	H23: 0.0684546	H23f: 0.00297629
H13: -3.24321e-08	H25: 0.0520412	H25f: 0.00208165
	H27: 0.0643377	H27f: 0.00238288
	H29: -0.126976	H29f: -0.00437849
	H31: 0.208506	H31f: 0.00672599

c1sd = 3.1899
c1ed = 0.3115
c2sd = 0.6952
c2ed = 0.1083
c3sd = -0.4298
c3ed = -0.6381
c4sd = -0.7025
c4ed = 0.008
varx = 1.4229%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 73/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.73
Actual Amplitude:	0.73
Actual Power:	0.5329
Distortion 2H-14H:	2.08516e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.9498	end: 16.1598	delta: 3.21
P2 start: 29.9627	end: 38.3996	delta: 8.4369
P3 start: 49.0395	end: 62.36	delta: 13.3204
P4 start: 70.0237	end: 86.7528	delta: 16.7291

H3: 3.46534e-08	H15: 0.431591	H15f: 0.0287727
H5: -4.15841e-08	H17: -0.472584	H17f: -0.0277991
H7: 8.91088e-08	H19: -0.26758	H19f: -0.0140831
H9: -2.31023e-08	H21: 0.0202617	H21f: 0.000964842
H11: 1.51215e-07	H23: 0.0725611	H23f: 0.00315483
H13: 9.59633e-08	H25: 0.0543885	H25f: 0.00217554
	H27: 0.0664919	H27f: 0.00246266
	H29: -0.124782	H29f: -0.00430284
	H31: 0.214797	H31f: 0.00692892

c1sd = 3.2901
c1ed = 0.3811
c2sd = 0.7414
c2ed = 0.1209
c3sd = -0.4328
c3ed = -0.6677
c4sd = -0.7315
c4ed = 0.008
varx = 1.4406%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 74/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.74
Actual Amplitude:	0.74
Actual Power:	0.5476
Distortion 2H-14H:	2.02547e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.8898	end: 16.1295	delta: 3.2397
P2 start: 29.8569	end: 38.3882	delta: 8.5313
P3 start: 48.8894	end: 62.3842	delta: 13.4947
P4 start: 69.8564	end: 86.8605	delta: 17.0041

H3: 0.0	H15: 0.425468	H15f: 0.0283645
H5: 4.10222e-08	H17: -0.4539	H17f: -0.0267
H7: -4.39523e-08	H19: -0.27428	H19f: -0.0144358
H9: 0.0	H21: 0.014576	H21f: 0.000694096
H11: -1.11879e-07	H23: 0.0712653	H23f: 0.00309849
H13: 1.57778e-07	H25: 0.0536317	H25f: 0.00214527
	H27: 0.0679461	H27f: 0.00251652
	H29: -0.127309	H29f: -0.00438996
	H31: 0.216861	H31f: 0.00699551

c1sd = 3.2353
c1ed = 0.3358
c2sd = 0.6506
c2ed = 0.0945
c3sd = -0.5604
c3ed = -0.666
c4sd = -0.8723
c4ed = 0.0892
varx = 1.4728%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 75/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.75
Actual Amplitude:	0.75
Actual Power:	0.5625
Distortion 2H-14H:	9.24251e-06%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 12.9527	end: 16.2449	delta: 3.2922
P2 start: 29.8306	end: 38.4524	delta: 8.6218
P3 start: 48.7842	end: 62.4398	delta: 13.6556
P4 start: 69.7082	end: 86.9719	delta: 17.2637

H3: 3.37293e-08	H15: 0.411866	H15f: 0.0274577
H5: 4.04752e-08	H17: -0.442774	H17f: -0.0260455
H7: -1.44554e-08	H19: -0.277265	H19f: -0.0145929
H9: -4.49724e-08	H21: 0.0156749	H21f: 0.000746423
H11: -3.67956e-08	H23: 0.0748695	H23f: 0.0032552
H13: -4.67022e-08	H25: 0.0556361	H25f: 0.00222545
	H27: 0.0700438	H27f: 0.00259421
	H29: -0.125321	H29f: -0.0043214
	H31: 0.221054	H31f: 0.00713078

c1sd = 3.336
c1ed = 0.3436
c2sd = 0.7319
c2ed = 0.0511
c3sd = -0.5047
c3ed = -0.7713
c4sd = -0.8306
c4ed = 0.0107
varx = 1.4913%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 76/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.76
Actual Amplitude:	0.76
Actual Power:	0.5776
Distortion 2H-14H:	1.15788e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.0605	end: 16.4152	delta: 3.3547
P2 start: 29.8359	end: 38.5462	delta: 8.7103
P3 start: 48.6965	end: 62.5064	delta: 13.8098
P4 start: 69.5663	end: 87.0847	delta: 17.5185

H3: -3.32855e-08	H15: 0.395496	H15f: 0.0263664
H5: 0.0	H17: -0.434436	H17f: -0.0255551
H7: -1.42652e-08	H19: -0.278681	H19f: -0.0146674
H9: -9.98566e-08	H21: 0.0194911	H21f: 0.000928147
H11: 0.0	H23: 0.080413	H23f: 0.00349622
H13: -4.60876e-08	H25: 0.0586047	H25f: 0.00234419
	H27: 0.0721997	H27f: 0.00267406
	H29: -0.121666	H29f: -0.00419536
	H31: 0.225124	H31f: 0.00726207

c1sd = 3.4706
c1ed = 0.4376
c2sd = 0.8134
c2ed = 0.0686
c3sd = -0.4782
c3ed = -0.8189
c4sd = -0.8379
c4ed = -0.0111
varx = 1.504%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 77/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.77
Actual Amplitude:	0.77
Actual Power:	0.5929
Distortion 2H-14H:	1.95663e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.0772	end: 16.4764	delta: 3.3992
P2 start: 29.7803	end: 38.5793	delta: 8.799
P3 start: 48.5719	end: 62.5431	delta: 13.9712
P4 start: 69.4041	end: 87.195	delta: 17.7909

H3: -3.28532e-08	H15: 0.384628	H15f: 0.0256419
H5: -1.97119e-08	H17: -0.420366	H17f: -0.0247274
H7: 4.22399e-08	H19: -0.282794	H19f: -0.0148839
H9: -2.19022e-08	H21: 0.017833	H21f: 0.00084919
H11: 1.0752e-07	H23: 0.0822893	H23f: 0.0035778
H13: -1.5163e-07	H25: 0.0595462	H25f: 0.00238185
	H27: 0.0740541	H27f: 0.00274274
	H29: -0.120975	H29f: -0.00417156
	H31: 0.226429	H31f: 0.00730415

c1sd = 3.505
c1ed = 0.4483
c2sd = 0.8083
c2ed = 0.0513
c3sd = -0.5273
c3ed = -0.8577
c4sd = -0.9109
c4ed = 0.0101
varx = 1.5263%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 78/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.78
Actual Amplitude:	0.78
Actual Power:	0.6084
Distortion 2H-14H:	1.18735e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.161	end: 16.6196	delta: 3.4586
P2 start: 29.7722	end: 38.6574	delta: 8.8852
P3 start: 48.4742	end: 62.5973	delta: 14.1231
P4 start: 69.2525	end: 87.3074	delta: 18.055

H3: 6.48641e-08	H15: 0.369647	H15f: 0.0246431
H5: -1.94592e-08	H17: -0.410492	H17f: -0.0241466
H7: -4.16984e-08	H19: -0.284593	H19f: -0.0149786
H9: 4.32427e-08	H21: 0.0203011	H21f: 0.00096672
H11: -7.07608e-08	H23: 0.0870467	H23f: 0.00378464
H13: -2.99373e-08	H25: 0.0619103	H25f: 0.00247641
	H27: 0.0759545	H27f: 0.00281313
	H29: -0.117896	H29f: -0.00406538
	H31: 0.227957	H31f: 0.00735344

c1sd = 3.609
c1ed = 0.5341
c2sd = 0.8577
c2ed = 0.0719
c3sd = -0.5389
c3ed = -0.8896
c4sd = -0.961
c4ed = 0.0209
varx = 1.5403%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 79/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.79
Actual Amplitude:	0.79
Actual Power:	0.6241
Distortion 2H-14H:	1.58364e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.2033	end: 16.7129	delta: 3.5096
P2 start: 29.7356	end: 38.7062	delta: 8.9706
P3 start: 48.3584	end: 62.6352	delta: 14.2768
P4 start: 69.089	end: 87.4187	delta: 18.3297

H3: -9.60645e-08	H15: 0.357167	H15f: 0.0238112
H5: -5.76387e-08	H17: -0.397976	H17f: -0.0234104
H7: 9.60645e-08	H19: -0.287602	H19f: -0.0151369
H9: -1.06738e-08	H21: 0.0201162	H21f: 0.000957913
H11: 3.49326e-08	H23: 0.0901312	H23f: 0.00391875
H13: -4.43375e-08	H25: 0.0633585	H25f: 0.00253434
	H27: 0.0777653	H27f: 0.00288019
	H29: -0.116029	H29f: -0.00400099
	H31: 0.227849	H31f: 0.00734996

c1sd = 3.6577
c1ed = 0.609
c2sd = 0.8395
c2ed = 0.1024
c3sd = -0.6273
c3ed = -0.8791
c4sd = -1.0922
c4ed = 0.0999
varx = 1.5585%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 80/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.8
Actual Amplitude:	0.8
Actual Power:	0.64
Distortion 2H-14H:	1.67735e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.2643	end: 16.8299	delta: 3.5656
P2 start: 29.7137	end: 38.7678	delta: 9.0541
P3 start: 48.25	end: 62.6755	delta: 14.4255
P4 start: 68.9261	end: 87.5307	delta: 18.6047

H3: -3.16212e-08	H15: 0.343514	H15f: 0.022901
H5: -9.48637e-08	H17: -0.386636	H17f: -0.0227433
H7: -2.71039e-08	H19: -0.289807	H19f: -0.015253
H9: 1.26485e-07	H21: 0.0211275	H21f: 0.00100607
H11: -3.44959e-08	H23: 0.0941036	H23f: 0.00409146
H13: 1.45944e-08	H25: 0.0651611	H25f: 0.00260644
	H27: 0.0794862	H27f: 0.00294393
	H29: -0.113408	H29f: -0.00391062
	H31: 0.227045	H31f: 0.00732404

c1sd = 3.7426
c1ed = 0.6581
c2sd = 0.8855
c2ed = 0.096
c3sd = -0.634
c3ed = -0.9405
c4sd = -1.1351
c4ed = 0.0919
varx = 1.5737%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 81/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.81
Actual Amplitude:	0.81
Actual Power:	0.6561
Distortion 2H-14H:	2.16854e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.3208	end: 16.9422	delta: 3.6213
P2 start: 29.6895	end: 38.8256	delta: 9.1362
P3 start: 48.1388	end: 62.7103	delta: 14.5715
P4 start: 68.7583	end: 87.6427	delta: 18.8845

H3: 6.24617e-08	H15: 0.33011	H15f: 0.0220073
H5: -5.62156e-08	H17: -0.374995	H17f: -0.0220585
H7: 0.0	H19: -0.291996	H19f: -0.0153682
H9: 1.87385e-07	H21: 0.0218106	H21f: 0.0010386
H11: -6.81401e-08	H23: 0.0979697	H23f: 0.00425955
H13: -1.44142e-08	H25: 0.0668294	H25f: 0.00267318
	H27: 0.0811241	H27f: 0.0030046
	H29: -0.110775	H29f: -0.00381981
	H31: 0.225215	H31f: 0.00726502

c1sd = 3.8355
c1ed = 0.6667
c2sd = 0.9649
c2ed = 0.0502
c3sd = -0.59
c3ed = -1.0608
c4sd = -1.12
c4ed = 0.021
varx = 1.5888%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 82/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.82
Actual Amplitude:	0.82
Actual Power:	0.6724
Distortion 2H-14H:	2.19678e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.2903	end: 16.9451	delta: 3.6548
P2 start: 29.5988	end: 38.8153	delta: 9.2166
P3 start: 47.9846	end: 62.7092	delta: 14.7245
P4 start: 68.5646	end: 87.7524	delta: 19.1879

H3: 0.0	H15: 0.32198	H15f: 0.0214653
H5: -3.702e-08	H17: -0.357702	H17f: -0.0210413
H7: -2.64429e-08	H19: -0.297142	H19f: -0.015639
H9: 1.02833e-07	H21: 0.0162369	H21f: 0.000773185
H11: -1.68273e-07	H23: 0.0980204	H23f: 0.00426176
H13: 8.54308e-08	H25: 0.0667729	H25f: 0.00267092
	H27: 0.0831019	H27f: 0.00307785
	H29: -0.110484	H29f: -0.00380978
	H31: 0.221601	H31f: 0.00714841

c1sd = 3.8129
c1ed = 0.6471
c2sd = 0.8968
c2ed = 0.0173
c3sd = -0.7105
c3ed = -1.0957
c4sd = -1.2739
c4ed = 0.0909
varx = 1.6138%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 83/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.83
Actual Amplitude:	0.83
Actual Power:	0.6889
Distortion 2H-14H:	1.43212e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.397	end: 17.1219	delta: 3.7249
P2 start: 29.6148	end: 38.9097	delta: 9.2949
P3 start: 47.8953	end: 62.7521	delta: 14.8567
P4 start: 68.3996	end: 87.8662	delta: 19.4666

H3: 0.0	H15: 0.305489	H15f: 0.020366
H5: 1.8287e-08	H17: -0.34927	H17f: -0.0205453
H7: 7.83728e-08	H19: -0.297233	H19f: -0.0156438
H9: 0.0	H21: 0.0203152	H21f: 0.00096739
H11: -8.31227e-08	H23: 0.104306	H23f: 0.00453504
H13: 8.44015e-08	H25: 0.0693561	H25f: 0.00277424
	H27: 0.0843506	H27f: 0.0031241
	H29: -0.106027	H29f: -0.00365611
	H31: 0.218403	H31f: 0.00704525

c1sd = 3.9623
c1ed = 0.7023
c2sd = 1.0344
c2ed = -0.0099
c3sd = -0.6178
c3ed = -1.2347
c4sd = -1.2242
c4ed = -0.01
varx = 1.6215%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 84/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.84
Actual Amplitude:	0.84
Actual Power:	0.7056
Distortion 2H-14H:	2.28244e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.5006	end: 17.2969	delta: 3.7964
P2 start: 29.632	end: 39.0039	delta: 9.3719
P3 start: 47.8058	end: 62.7901	delta: 14.9843
P4 start: 68.2301	end: 87.9801	delta: 19.75

H3: 3.01155e-08	H15: 0.289115	H15f: 0.0192743
H5: -7.22771e-08	H17: -0.340676	H17f: -0.0200397
H7: 1.29066e-07	H19: -0.297063	H19f: -0.0156349
H9: -4.0154e-08	H21: 0.0243971	H21f: 0.00116177
H11: 6.57065e-08	H23: 0.110599	H23f: 0.00480863
H13: -1.52894e-07	H25: 0.0717169	H25f: 0.00286867
	H27: 0.085291	H27f: 0.00315893
	H29: -0.101617	H29f: -0.00350405
	H31: 0.21402	H31f: 0.00690388

c1sd = 4.0824
c1ed = 0.8302
c2sd = 1.0987
c2ed = 0.0372
c3sd = -0.6368
c3ed = -1.2673
c4sd = -1.3105
c4ed = 0.0207
varx = 1.6283%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 85/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.85
Actual Amplitude:	0.85
Actual Power:	0.7225
Distortion 2H-14H:	1.7911e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.4875	end: 17.3221	delta: 3.8346
P2 start: 29.5541	end: 38.9998	delta: 9.4457
P3 start: 47.6532	end: 62.7754	delta: 15.1222
P4 start: 68.022	end: 88.0908	delta: 20.0688

H3: -2.97612e-08	H15: 0.279874	H15f: 0.0186583
H5: 0.0	H17: -0.324401	H17f: -0.0190824
H7: 1.27548e-07	H19: -0.301254	H19f: -0.0158555
H9: -1.19045e-07	H21: 0.0194203	H21f: 0.000924775
H11: 0.0	H23: 0.111644	H23f: 0.00485409
H13: 2.74719e-08	H25: 0.0720331	H25f: 0.00288132
	H27: 0.0871562	H27f: 0.00322801
	H29: -0.100012	H29f: -0.00344868
	H31: 0.208015	H31f: 0.00671016

c1sd = 4.0932
c1ed = 0.7876
c2sd = 1.0886
c2ed = -0.0347
c3sd = -0.688
c3ed = -1.3834
c4sd = -1.3989
c4ed = 0.0118
varx = 1.6494%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 86/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.86
Actual Amplitude:	0.86
Actual Power:	0.7396
Distortion 2H-14H:	3.32153e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.5816	end: 17.4872	delta: 3.9056
P2 start: 29.5668	end: 39.0856	delta: 9.5188
P3 start: 47.5572	end: 62.7971	delta: 15.2399
P4 start: 67.8378	end: 88.2048	delta: 20.367

H3: -2.94151e-08	H15: 0.264045	H15f: 0.017603
H5: -1.76491e-07	H17: -0.315183	H17f: -0.0185402
H7: 1.00852e-07	H19: -0.301039	H19f: -0.0158441
H9: -1.1766e-07	H21: 0.022726	H21f: 0.00108219
H11: -3.20892e-08	H23: 0.117749	H23f: 0.00511954
H13: -2.30795e-07	H25: 0.0740899	H25f: 0.0029636
	H27: 0.0878072	H27f: 0.00325212
	H29: -0.0955266	H29f: -0.00329402
	H31: 0.201633	H31f: 0.00650428

c1sd = 4.2083
c1ed = 0.8929
c2sd = 1.1611
c2ed = -0.0088
c3sd = -0.6944
c3ed = -1.4512
c4sd = -1.4775
c4ed = 0.0201
varx = 1.6559%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 87/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.87
Actual Amplitude:	0.87
Actual Power:	0.7569
Distortion 2H-14H:	5.97156e-06%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.6902	end: 17.6739	delta: 3.9837
P2 start: 29.5959	end: 39.1867	delta: 9.5907
P3 start: 47.4708	end: 62.8193	delta: 15.3485
P4 start: 67.6522	end: 88.3195	delta: 20.6673

H3: 2.9077e-08	H15: 0.247247	H15f: 0.0164832
H5: -3.48924e-08	H17: -0.306981	H17f: -0.0180577
H7: -1.24616e-08	H19: -0.299834	H19f: -0.0157807
H9: -1.93847e-08	H21: 0.0274208	H21f: 0.00130575
H11: -1.58602e-08	H23: 0.124679	H23f: 0.00542081
H13: -2.68403e-08	H25: 0.076167	H25f: 0.00304668
	H27: 0.087883	H27f: 0.00325493
	H29: -0.0906465	H29f: -0.00312574
	H31: 0.194215	H31f: 0.00626501

c1sd = 4.3414
c1ed = 1.01
c2sd = 1.2599
c2ed = 0.0227
c3sd = -0.6766
c3ed = -1.5333
c4sd = -1.5402
c4ed = 0.0118
varx = 1.6593%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 88/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.88
Actual Amplitude:	0.88
Actual Power:	0.7744
Distortion 2H-14H:	2.0945e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.7911	end: 17.8529	delta: 4.0618
P2 start: 29.6223	end: 39.2834	delta: 9.661
P3 start: 47.3813	end: 62.8314	delta: 15.4501
P4 start: 67.4575	end: 88.4341	delta: 20.9766

H3: 2.87466e-08	H15: 0.23086	H15f: 0.0153907
H5: -3.44959e-08	H17: -0.298295	H17f: -0.0175468
H7: 1.4784e-07	H19: -0.298545	H19f: -0.0157129
H9: -8.62398e-08	H21: 0.0316677	H21f: 0.00150799
H11: 6.27198e-08	H23: 0.131379	H23f: 0.00571214
H13: -9.28736e-08	H25: 0.0779002	H25f: 0.00311601
	H27: 0.0876287	H27f: 0.00324551
	H29: -0.0858786	H29f: -0.00296133
	H31: 0.185712	H31f: 0.00599071

c1sd = 4.4656
c1ed = 1.1222
c2sd = 1.353
c2ed = 0.0528
c3sd = -0.6664
c3ed = -1.6209
c4sd = -1.6171
c4ed = 0.0088
varx = 1.6626%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 89/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.89
Actual Amplitude:	0.89
Actual Power:	0.7921
Distortion 2H-14H:	1.98217e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.8671	end: 18.0004	delta: 4.1333
P2 start: 29.6289	end: 39.3574	delta: 9.7285
P3 start: 47.2764	end: 62.823	delta: 15.5466
P4 start: 67.2459	end: 88.5483	delta: 21.3024

H3: 1.42118e-07	H15: 0.215977	H15f: 0.0143985
H5: -3.41083e-08	H17: -0.287951	H17f: -0.0169383
H7: 2.43631e-08	H19: -0.298064	H19f: -0.0156876
H9: 9.47453e-08	H21: 0.0337886	H21f: 0.00160898
H11: -4.65113e-08	H23: 0.137069	H23f: 0.00595951
H13: 7.87115e-08	H25: 0.0791861	H25f: 0.00316744
	H27: 0.08743	H27f: 0.00323815
	H29: -0.0814504	H29f: -0.00280863
	H31: 0.17623	H31f: 0.00568485

c1sd = 4.5618
c1ed = 1.2124
c2sd = 1.417
c2ed = 0.0694
c3sd = -0.6853
c3ed = -1.7153
c4sd = -1.7274
c4ed = 0.0216
varx = 1.6683%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 90/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.9
Actual Amplitude:	0.9
Actual Power:	0.81
Distortion 2H-14H:	9.77144e-06%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.9592	end: 18.1721	delta: 4.2129
P2 start: 29.6543	end: 39.4493	delta: 9.795
P3 start: 47.1827	end: 62.8129	delta: 15.6302
P4 start: 67.0306	end: 88.6632	delta: 21.6326

H3: -8.43233e-08	H15: 0.200015	H15f: 0.0133343
H5: -1.68647e-08	H17: -0.278721	H17f: -0.0163953
H7: -2.40924e-08	H19: -0.296442	H19f: -0.0156022
H9: -3.7477e-08	H21: 0.037452	H21f: 0.00178343
H11: 0.0	H23: 0.14364	H23f: 0.00624521
H13: -1.29728e-08	H25: 0.0804185	H25f: 0.00321674
	H27: 0.0864815	H27f: 0.00320302
	H29: -0.0765866	H29f: -0.00264092
	H31: 0.165772	H31f: 0.00534748

c1sd = 4.6832
c1ed = 1.3004
c2sd = 1.526
c2ed = 0.0777
c3sd = -0.6539
c3ed = -1.8505
c4sd = -1.7951
c4ed = -0.0111
varx = 1.6706%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 91/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.91
Actual Amplitude:	0.91
Actual Power:	0.8281
Distortion 2H-14H:	1.69566e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 13.9131	end: 18.1523	delta: 4.2392
P2 start: 29.5418	end: 39.3902	delta: 9.8483
P3 start: 46.9872	end: 62.7117	delta: 15.7245
P4 start: 66.7452	end: 88.7746	delta: 22.0295

H3: -2.77989e-08	H15: 0.192767	H15f: 0.0128511
H5: 1.16755e-07	H17: -0.25983	H17f: -0.0152841
H7: -4.76553e-08	H19: -0.301552	H19f: -0.0158712
H9: 5.55978e-08	H21: 0.0274523	H21f: 0.00130725
H11: 3.03261e-08	H23: 0.143985	H23f: 0.00626022
H13: 8.98118e-08	H25: 0.080822	H25f: 0.00323288
	H27: 0.0884992	H27f: 0.00327775
	H29: -0.0733169	H29f: -0.00252817
	H31: 0.154657	H31f: 0.00498894

c1sd = 4.6514
c1ed = 1.2402
c2sd = 1.4539
c2ed = -0.0219
c3sd = -0.7888
c3ed = -2.0122
c4sd = -2.0092
c4ed = 0.0289
varx = 1.6926%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 92/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.92
Actual Amplitude:	0.92
Actual Power:	0.8464
Distortion 2H-14H:	1.53245e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.1325	end: 18.5079	delta: 4.3754
P2 start: 29.7059	end: 39.6275	delta: 9.9216
P3 start: 46.9895	end: 62.7509	delta: 15.7614
P4 start: 66.5608	end: 88.8936	delta: 22.3328

H3: -5.49935e-08	H15: 0.168557	H15f: 0.0112371
H5: 1.6498e-08	H17: -0.25956	H17f: -0.0152682
H7: -1.17843e-08	H19: -0.292557	H19f: -0.0153977
H9: -1.83312e-08	H21: 0.0439133	H21f: 0.00209111
H11: -1.49982e-08	H23: 0.156725	H23f: 0.00681415
H13: -1.39599e-07	H25: 0.0821643	H25f: 0.00328657
	H27: 0.0833262	H27f: 0.00308616
	H29: -0.0664729	H29f: -0.00229217
	H31: 0.14213	H31f: 0.00458485

c1sd = 4.914
c1ed = 1.4728
c2sd = 1.7411
c2ed = 0.0924
c3sd = -0.6023
c3ed = -2.1572
c4sd = -1.9762
c4ed = -0.0693
varx = 1.6734%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 93/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.93
Actual Amplitude:	0.93
Actual Power:	0.8649
Distortion 2H-14H:	2.82032e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.1803	end: 18.6231	delta: 4.4428
P2 start: 29.694	end: 39.6707	delta: 9.9767
P3 start: 46.8601	end: 62.6706	delta: 15.8104
P4 start: 66.2839	end: 89.0083	delta: 22.7244

H3: 0.0	H15: 0.155257	H15f: 0.0103505
H5: -1.30565e-07	H17: -0.247179	H17f: -0.01454
H7: -2.33152e-08	H19: -0.29231	H19f: -0.0153848
H9: 2.08542e-07	H21: 0.0428717	H21f: 0.00204151
H11: -1.33533e-07	H23: 0.161823	H23f: 0.0070358
H13: 2.51087e-08	H25: 0.0828738	H25f: 0.00331495
	H27: 0.082126	H27f: 0.0030417
	H29: -0.0613706	H29f: -0.00211623
	H31: 0.129167	H31f: 0.00416666

c1sd = 4.9945
c1ed = 1.4946
c2sd = 1.8225
c2ed = 0.0422
c3sd = -0.592
c3ed = -2.3773
c4sd = -2.0883
c4ed = -0.1195
varx = 1.6795%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 94/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.94
Actual Amplitude:	0.94
Actual Power:	0.8836
Distortion 2H-14H:	2.3841e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.2023	end: 18.7015	delta: 4.4992
P2 start: 29.6535	end: 39.6775	delta: 10.024
P3 start: 46.7039	end: 62.5486	delta: 15.8447
P4 start: 65.9712	end: 89.1226	delta: 23.1515

H3: 1.34559e-07	H15: 0.143536	H15f: 0.00956905
H5: -1.13029e-07	H17: -0.23281	H17f: -0.0136947
H7: 1.26869e-07	H19: -0.293268	H19f: -0.0154352
H9: -1.79411e-08	H21: 0.0385232	H21f: 0.00183444
H11: -2.93582e-08	H23: 0.166026	H23f: 0.00721853
H13: 9.31559e-08	H25: 0.0837864	H25f: 0.00335146
	H27: 0.081275	H27f: 0.00301019
	H29: -0.0559053	H29f: -0.00192777
	H31: 0.115418	H31f: 0.00372318

c1sd = 5.0423
c1ed = 1.4996
c2sd = 1.8553
c2ed = -0.0243
c3sd = -0.6386
c3ed = -2.609
c4sd = -2.2717
c4ed = -0.1345
varx = 1.6886%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 95/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.95
Actual Amplitude:	0.95
Actual Power:	0.9025
Distortion 2H-14H:	1.38197e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.2813	end: 18.8649	delta: 4.5836
P2 start: 29.6798	end: 39.755	delta: 10.0751
P3 start: 46.5941	end: 62.44	delta: 15.8459
P4 start: 65.6636	end: 89.239	delta: 23.5754

H3: -2.66284e-08	H15: 0.128006	H15f: 0.00853375
H5: 0.0	H17: -0.222473	H17f: -0.0130867
H7: 3.42365e-08	H19: -0.290521	H19f: -0.0152906
H9: 1.1539e-07	H21: 0.040161	H21f: 0.00191243
H11: -2.90492e-08	H23: 0.172989	H23f: 0.00752126
H13: 5.53052e-08	H25: 0.0844739	H25f: 0.00337896
	H27: 0.0779198	H27f: 0.00288592
	H29: -0.0495875	H29f: -0.00170991
	H31: 0.100733	H31f: 0.00324946

c1sd = 5.151
c1ed = 1.5784
c2sd = 1.9663
c2ed = -0.0315
c3sd = -0.6217
c3ed = -2.8442
c4sd = -2.4298
c4ed = -0.1676
varx = 1.6874%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 96/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.96
Actual Amplitude:	0.96
Actual Power:	0.9216
Distortion 2H-14H:	1.96071e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.4124	end: 19.1102	delta: 4.6978
P2 start: 29.7749	end: 39.9085	delta: 10.1336
P3 start: 46.536	end: 62.3453	delta: 15.8093
P4 start: 65.3614	end: 89.3572	delta: 23.9958

H3: -2.6351e-08	H15: 0.108907	H15f: 0.0072605
H5: 4.74319e-08	H17: -0.215973	H17f: -0.0127043
H7: -6.77598e-08	H19: -0.283915	H19f: -0.0149429
H9: -4.39184e-08	H21: 0.0479796	H21f: 0.00228474
H11: -1.43733e-07	H23: 0.182319	H23f: 0.00792689
H13: -9.12151e-08	H25: 0.0843247	H25f: 0.00337299
	H27: 0.0716951	H27f: 0.00265538
	H29: -0.0428049	H29f: -0.00147603
	H31: 0.0852769	H31f: 0.00275087

c1sd = 5.3333
c1ed = 1.6779
c2sd = 2.2071
c2ed = -0.0237
c3sd = -0.4616
c3ed = -3.1571
c4sd = -2.4747
c4ed = -0.3067
varx = 1.6758%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 97/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.97
Actual Amplitude:	0.97
Actual Power:	0.9409
Distortion 2H-14H:	1.16644e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.5138	end: 19.315	delta: 4.8012
P2 start: 29.8407	end: 40.0253	delta: 10.1846
P3 start: 46.4503	end: 62.1932	delta: 15.7429
P4 start: 65.0087	end: 89.4751	delta: 24.4664

H3: 7.82381e-08	H15: 0.0915437	H15f: 0.00610291
H5: 1.56476e-08	H17: -0.207182	H17f: -0.0121872
H7: 4.47075e-08	H19: -0.27842	H19f: -0.0146537
H9: -5.21588e-08	H21: 0.0521467	H21f: 0.00248318
H11: 1.42251e-08	H23: 0.190542	H23f: 0.00828442
H13: 4.81465e-08	H25: 0.0842575	H25f: 0.0033703
	H27: 0.0653613	H27f: 0.00242079
	H29: -0.0356596	H29f: -0.00122964
	H31: 0.0693379	H31f: 0.00223671

c1sd = 5.4901
c1ed = 1.7249
c2sd = 2.4307
c2ed = -0.0647
c3sd = -0.3111
c3ed = -3.5453
c4sd = -2.5488
c4ed = -0.4674
varx = 1.6672%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 98/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.98
Actual Amplitude:	0.98
Actual Power:	0.9604
Distortion 2H-14H:	4.19324e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.7308	end: 19.7092	delta: 4.9784
P2 start: 30.077	end: 40.3508	delta: 10.2738
P3 start: 46.5151	end: 62.1282	delta: 15.6131
P4 start: 64.7173	end: 89.5968	delta: 24.8796

H3: -5.16265e-08	H15: 0.0658652	H15f: 0.00439101
H5: -6.19518e-08	H17: -0.207397	H17f: -0.0121998
H7: 1.43817e-07	H19: -0.262878	H19f: -0.0138357
H9: -2.15111e-07	H21: 0.0725712	H21f: 0.00345577
H11: 1.5488e-07	H23: 0.202243	H23f: 0.00879319
H13: -2.79975e-07	H25: 0.0799664	H25f: 0.00319865
	H27: 0.052692	H27f: 0.00195156
	H29: -0.0284281	H29f: -0.00098028
	H31: 0.0527672	H31f: 0.00170217

c1sd = 5.7195
c1ed = 2.084
c2sd = 2.7023
c2ed = 0.2256
c3sd = -0.1936
c3ed = -3.663
c4sd = -2.7781
c4ed = -0.4078
varx = 1.6335%.

STEP-LOCKED MAGIC SINEWAVE — ANXC16 - 99/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	0.99
Actual Amplitude:	0.99
Actual Power:	0.9801
Distortion 2H-14H:	7.39122e-05%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.7652	end: 19.8169	delta: 5.0517
P2 start: 30.0645	end: 40.3624	delta: 10.2979
P3 start: 46.3468	end: 61.8054	delta: 15.4586
P4 start: 64.2139	end: 89.7142	delta: 25.5003

H3: -7.66576e-08	H15: 0.0526332	H15f: 0.00350888
H5: 3.0663e-08	H17: -0.193077	H17f: -0.0113575
H7: -2.95679e-07	H19: -0.260921	H19f: -0.0137327
H9: 4.59945e-07	H21: 0.0668216	H21f: 0.00318198
H11: -2.64817e-07	H23: 0.208723	H23f: 0.00907493
H13: 4.12772e-07	H25: 0.0818162	H25f: 0.00327265
	H27: 0.0461789	H27f: 0.00171033
	H29: -0.0200324	H29f: -0.000690772
	H31: 0.0366549	H31f: 0.00118242

c1sd = 5.7942
c1ed = 2.0769
c2sd = 2.8045
c2ed = 0.1224
c3sd = -0.1902
c3ed = -4.1576
c4sd = -3.0789
c4ed = -0.493
varx = 1.6332%.

STEP-LOCKED MAGIC SINEWAVE ANXC16 - 100/100

SUMMARY: This steplock-16 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 14 are virtually zero. The first major harmonics are the 15th and 17th. Harmonic amplitudes are relative to the fundamental. Filtered "f" harmonics assume a filter of an "integrating" or 1/H or 1/f response. An 0.001 degree or better timing accuracy is required.

Desired Amplitude:	1.0
Actual Amplitude:	1.0
Actual Power:	1.0
Distortion 2H-14H:	0.000169617%
First strong harmonics:	15 and 17
Pulses per sine cycle:	16
Total switching events:	32
Delta Friendly:	No

P1 start: 14.9912	end: 20.2471	delta: 5.2558
P2 start: 30.3546	end: 40.7676	delta: 10.413
P3 start: 46.4717	end: 61.6754	delta: 15.2037
P4 start: 63.8527	end: 89.8376	delta: 25.9848

H3: 1.26485e-07	H15: 0.025173	H15f: 0.0016782
H5: -5.46415e-07	H17: -0.194148	H17f: -0.0114205
H7: 4.01138e-07	H19: -0.240459	H19f: -0.0126558
H9: -1.29015e-06	H21: 0.0904505	H21f: 0.00430717
H11: 2.96665e-07	H23: 0.218597	H23f: 0.00950421
H13: -8.05612e-07	H25: 0.0738835	H25f: 0.00295534
	H27: 0.0296534	H27f: 0.00109828
	H29: -0.0118333	H29f: -0.000408045
	H31: 0.0201655	H31f: 0.000650499

c1sd = 6.0205
c1ed = 2.5062
c2sd = 3.0955
c2ed = 0.5267
c3sd = -0.064
c3ed = -4.2889
c4sd = -3.4385
c4ed = -0.3713
varx = 1.5877%.