STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 1/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.00999113
Actual Power:	9.98226e-05
Distortion 2H-12H:	10.7562%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.692	end: 9.7632	delta: 0.0712
P2 start: 37.11	end: 37.2838	delta: 0.1739
P3 start: 62.9134	end: 63.1463	delta: 0.2328
P4 start: 89.8751	end: 90.0	delta: 0.1249

H3: 0.0769762	H13: 1.23826	H13f: 0.0952507
H5: -0.00888258	H15: -0.677339	H15f: -0.045156
H7: -0.00049807	H17: -0.144958	H17f: -0.00852695
H9: 0.033934	H19: 0.0791814	H19f: 0.00416744
H11: -0.0664353	H21: 0.0874549	H21f: 0.00416452
	H23: -0.0292651	H23f: -0.0012724
	H25: 0.304944	H25f: 0.0121978
	H27: -1.32163	H27f: -0.0489491
	H29: 0.356208	H29f: 0.012283

c1sd = 0.0109
c1ed = -0.0045
c2sd = -0.0224
c2ed = 0.0162
c3sd = 0.113
c3ed = 0.1466
c4sd = -0.0132
c4ed = 0.0
varx = 10.5757%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 2/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0202239
Actual Power:	0.000409006
Distortion 2H-12H:	6.57549%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.6047	end: 9.7447	delta: 0.14
P2 start: 37.0703	end: 37.4124	delta: 0.3422
P3 start: 63.2152	end: 63.687	delta: 0.4718
P4 start: 89.7425	end: 90.0	delta: 0.2575

H3: 0.0478637	H13: 1.21949	H13f: 0.0938072
H5: 0.00542918	H15: -0.721636	H15f: -0.0481091
H7: 0.0041278	H17: -0.0634842	H17f: -0.00373436
H9: 0.0112435	H19: 0.0476174	H19f: 0.00250618
H11: -0.0431259	H21: 0.0602233	H21f: 0.00286778
	H23: 0.0437135	H23f: 0.00190059
	H25: 0.240259	H25f: 0.00961038
	H27: -1.31264	H27f: -0.0486163
	H29: 0.463849	H29f: 0.0159948

c1sd = -0.0678
c1ed = -0.054
c2sd = -0.031
c2ed = 0.1137
c3sd = 0.4607
c3ed = 0.6416
c4sd = -0.0943
c4ed = 0.0
varx = 10.549%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 3/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0302826
Actual Power:	0.000917038
Distortion 2H-12H:	3.36868%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4684	end: 9.6705	delta: 0.2022
P2 start: 37.1028	end: 37.6038	delta: 0.501
P3 start: 63.4469	end: 64.1542	delta: 0.7072
P4 start: 89.6094	end: 90.0	delta: 0.3906

H3: 0.0227971	H13: 1.1964	H13f: 0.0920311
H5: 0.0128141	H15: -0.760096	H15f: -0.0506731
H7: 0.00443291	H17: 0.0058616	H17f: 0.0003448
H9: -0.00559471	H19: 0.0274227	H19f: 0.0014433
H11: -0.0199986	H21: 0.0543487	H21f: 0.00258803
	H23: 0.0973466	H23f: 0.00423246
	H25: 0.171848	H25f: 0.00687391
	H27: -1.28213	H27f: -0.0474864
	H29: 0.55519	H29f: 0.0191445

c1sd = -0.194
c1ed = -0.1647
c2sd = 0.038
c2ed = 0.2687
c3sd = 0.746
c3ed = 1.0551
c4sd = -0.1673
c4ed = 0.0
varx = 10.506%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 4/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0401828
Actual Power:	0.00161465
Distortion 2H-12H:	2.12073%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.5463	end: 9.8065	delta: 0.2602
P2 start: 37.1823	end: 37.8404	delta: 0.6581
P3 start: 63.4526	end: 64.3912	delta: 0.9386
P4 start: 89.4793	end: 90.0	delta: 0.5207

H3: 0.0121962	H13: 1.17564	H13f: 0.0904337
H5: 0.0112949	H15: -0.787986	H15f: -0.0525324
H7: 0.00289017	H17: 0.025289	H17f: 0.00148759
H9: -0.00694623	H19: 0.0264068	H19f: 0.00138983
H11: -0.0108085	H21: 0.0535932	H21f: 0.00255206
	H23: 0.0960537	H23f: 0.00417625
	H25: 0.129113	H25f: 0.00516452
	H27: -1.25656	H27f: -0.0465392
	H29: 0.607278	H29f: 0.0209406

c1sd = -0.1018
c1ed = -0.0799
c2sd = 0.1687
c2ed = 0.454
c3sd = 0.827
c3ed = 1.2168
c4sd = -0.2128
c4ed = 0.0
varx = 10.4595%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 5/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0501578
Actual Power:	0.0025158
Distortion 2H-12H:	1.06834%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.436	end: 9.7549	delta: 0.3189
P2 start: 37.2442	end: 38.0612	delta: 0.817
P3 start: 63.3728	end: 64.5457	delta: 1.173
P4 start: 89.349	end: 90.0	delta: 0.651

H3: 0.00599317	H13: 1.16461	H13f: 0.0895854
H5: 0.00590451	H15: -0.800855	H15f: -0.0533904
H7: 0.00135072	H17: 0.0379068	H17f: 0.00222981
H9: -0.00379354	H19: 0.0428837	H19f: 0.00225704
H11: -0.00520941	H21: 0.0623118	H21f: 0.00296723
	H23: 0.0899041	H23f: 0.00390887
	H25: 0.109093	H25f: 0.00436373
	H27: -1.23505	H27f: -0.0457425
	H29: 0.636378	H29f: 0.0219441

c1sd = -0.205
c1ed = -0.1569
c2sd = 0.2559
c2ed = 0.6494
c3sd = 0.7845
c3ed = 1.334
c4sd = -0.3013
c4ed = 0.0
varx = 10.4312%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 6/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.060092
Actual Power:	0.00361105
Distortion 2H-12H:	0.319666%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.3913	end: 9.7677	delta: 0.3764
P2 start: 37.2762	end: 38.2514	delta: 0.9752
P3 start: 63.2809	end: 64.6873	delta: 1.4063
P4 start: 89.2195	end: 90.0	delta: 0.7805

H3: 0.00185775	H13: 1.15451	H13f: 0.0888083
H5: 0.00176833	H15: -0.811268	H15f: -0.0540845
H7: 0.000379235	H17: 0.0450039	H17f: 0.00264729
H9: -0.00120791	H19: 0.0540593	H19f: 0.00284523
H11: -0.00142744	H21: 0.0664038	H21f: 0.00316209
	H23: 0.0821053	H23f: 0.0035698
	H25: 0.0927148	H25f: 0.00370859
	H27: -1.21597	H27f: -0.0450359
	H29: 0.656617	H29f: 0.022642

c1sd = -0.2485
c1ed = -0.1482
c2sd = 0.2921
c2ed = 0.8355
c3sd = 0.6988
c3ed = 1.4694
c4sd = -0.4239
c4ed = 0.0
varx = 10.4015%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 7/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0700228
Actual Power:	0.00490319
Distortion 2H-12H:	0.18552%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4597	end: 9.8947	delta: 0.4351
P2 start: 37.2329	end: 38.368	delta: 1.135
P3 start: 63.1735	end: 64.8122	delta: 1.6387
P4 start: 89.0904	end: 90.0	delta: 0.9096

H3: 0.00108489	H13: 1.1477	H13f: 0.0882843
H5: 0.000996883	H15: -0.816514	H15f: -0.0544343
H7: 0.000202826	H17: 0.0427234	H17f: 0.00251314
H9: -0.000644743	H19: 0.0528932	H19f: 0.00278385
H11: -0.000902316	H21: 0.0630951	H21f: 0.00300453
	H23: 0.075538	H23f: 0.00328426
	H25: 0.0829313	H25f: 0.00331725
	H27: -1.20539	H27f: -0.0446441
	H29: 0.660201	H29f: 0.0227655

c1sd = -0.151
c1ed = -0.126
c2sd = 0.3536
c2ed = 0.8472
c3sd = 0.7458
c3ed = 1.4399
c4sd = -0.3798
c4ed = 0.0
varx = 10.3747%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 8/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0800275
Actual Power:	0.0064044
Distortion 2H-12H:	0.0939604%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4445	end: 9.9402	delta: 0.4957
P2 start: 37.1665	end: 38.4628	delta: 1.2963
P3 start: 63.0593	end: 64.9323	delta: 1.873
P4 start: 88.9602	end: 90.0	delta: 1.0398

H3: 0.000501657	H13: 1.1444	H13f: 0.0880305
H5: 0.000549452	H15: -0.816532	H15f: -0.0544354
H7: 8.45352e-05	H17: 0.0423346	H17f: 0.00249027
H9: -0.000354247	H19: 0.0535241	H19f: 0.00281706
H11: -0.000443465	H21: 0.0627968	H21f: 0.00299032
	H23: 0.0737824	H23f: 0.00320793
	H25: 0.0783814	H25f: 0.00313525
	H27: -1.19604	H27f: -0.0442978
	H29: 0.656619	H29f: 0.022642

c1sd = -0.1487
c1ed = -0.1429
c2sd = 0.3497
c2ed = 0.8797
c3sd = 0.7235
c3ed = 1.4681
c4sd = -0.4069
c4ed = 0.0
varx = 10.3532%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 9/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0900106
Actual Power:	0.00810191
Distortion 2H-12H:	0.0386603%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4087	end: 9.9656	delta: 0.5569
P2 start: 37.0908	end: 38.5482	delta: 1.4575
P3 start: 62.9411	end: 65.0481	delta: 2.1069
P4 start: 88.8303	end: 90.0	delta: 1.1697

H3: 0.00022877	H13: 1.14222	H13f: 0.0878633
H5: 0.000198811	H15: -0.81453	H15f: -0.054302
H7: 5.14312e-05	H17: 0.0417358	H17f: 0.00245505
H9: -0.000157104	H19: 0.0545028	H19f: 0.00286857
H11: -0.000173992	H21: 0.0631278	H21f: 0.00300608
	H23: 0.0732365	H23f: 0.0031842
	H25: 0.0756464	H25f: 0.00302586
	H27: -1.18701	H27f: -0.0439632
	H29: 0.649458	H29f: 0.0223951

c1sd = -0.1659
c1ed = -0.1843
c2sd = 0.3407
c2ed = 0.8983
c3sd = 0.7036
c3ed = 1.4856
c4sd = -0.4266
c4ed = 0.0
varx = 10.3318%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 10/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.01
Distortion 2H-12H:	0.0169665%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.1925	end: 9.8163	delta: 0.6238
P2 start: 36.9769	end: 38.5964	delta: 1.6195
P3 start: 62.8092	end: 65.1512	delta: 2.342
P4 start: 88.6996	end: 90.0	delta: 1.3004

H3: 9.53696e-05	H13: 1.14712	H13f: 0.0882403
H5: 9.21316e-05	H15: -0.802662	H15f: -0.0535108
H7: 2.52608e-05	H17: 0.0454603	H17f: 0.00267414
H9: -6.06284e-05	H19: 0.0606573	H19f: 0.00319249
H11: -8.29971e-05	H21: 0.0703738	H21f: 0.00335113
	H23: 0.0816879	H23f: 0.00355165
	H25: 0.0836656	H25f: 0.00334662
	H27: -1.18066	H27f: -0.043728
	H29: 0.630395	H29f: 0.0217378

c1sd = -0.3693
c1ed = -0.3794
c2sd = 0.2726
c2ed = 0.9007
c3sd = 0.639
c3ed = 1.5213
c4sd = -0.4816
c4ed = 0.0
varx = 10.3232%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 11/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	0.00982828%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.2731	end: 9.9551	delta: 0.682
P2 start: 36.9134	end: 38.694	delta: 1.7806
P3 start: 62.697	end: 65.2727	delta: 2.5758
P4 start: 88.5697	end: 90.0	delta: 1.4303

H3: 4.94441e-05	H13: 1.14075	H13f: 0.0877502
H5: 5.8643e-05	H15: -0.805055	H15f: -0.0536703
H7: 1.88249e-05	H17: 0.0410787	H17f: 0.00241639
H9: -4.69144e-05	H19: 0.0570644	H19f: 0.00300339
H11: -3.49349e-05	H21: 0.0659154	H21f: 0.00313883
	H23: 0.0761693	H23f: 0.00331171
	H25: 0.0746664	H25f: 0.00298665
	H27: -1.16891	H27f: -0.0432931
	H29: 0.625906	H29f: 0.021583

c1sd = -0.2671
c1ed = -0.3186
c2sd = 0.2871
c2ed = 0.9204
c3sd = 0.6416
c3ed = 1.5281
c4sd = -0.4829
c4ed = 0.0
varx = 10.289%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 12/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.12
Actual Power:	0.0144
Distortion 2H-12H:	0.00421325%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4409	end: 10.1775	delta: 0.7367
P2 start: 36.8659	end: 38.8069	delta: 1.941
P3 start: 62.5905	end: 65.3993	delta: 2.8088
P4 start: 88.4401	end: 90.0	delta: 1.5599

H3: 2.04484e-05	H13: 1.13083	H13f: 0.0869868
H5: 2.33997e-05	H15: -0.811494	H15f: -0.0540996
H7: 5.42078e-06	H17: 0.0343179	H17f: 0.0020187
H9: -1.36322e-05	H19: 0.0508996	H19f: 0.00267892
H11: -2.43771e-05	H21: 0.0583501	H21f: 0.00277858
	H23: 0.0668768	H23f: 0.00290769
	H25: 0.0612147	H25f: 0.00244859
	H27: -1.1541	H27f: -0.0427446
	H29: 0.625968	H29f: 0.0215851

c1sd = -0.0713
c1ed = -0.1965
c2sd = 0.3399
c2ed = 0.9329
c3sd = 0.683
c3ed = 1.5069
c4sd = -0.4466
c4ed = 0.0
varx = 10.2458%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 13/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	0.00493411%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4529	end: 10.249	delta: 0.7961
P2 start: 36.7886	end: 38.8907	delta: 2.1021
P3 start: 62.4727	end: 65.5155	delta: 3.0428
P4 start: 88.3099	end: 90.0	delta: 1.6901

H3: 2.62699e-05	H13: 1.12675	H13f: 0.0866734
H5: 2.63867e-05	H15: -0.809723	H15f: -0.0539815
H7: 9.17363e-06	H17: 0.0314153	H17f: 0.00184796
H9: -1.79025e-05	H19: 0.0495001	H19f: 0.00260527
H11: -2.53677e-05	H21: 0.0566897	H21f: 0.00269951
	H23: 0.0649068	H23f: 0.00282203
	H25: 0.0562667	H25f: 0.00225067
	H27: -1.14154	H27f: -0.0422794
	H29: 0.616031	H29f: 0.0212424

c1sd = -0.0385
c1ed = -0.1995
c2sd = 0.3371
c2ed = 0.9422
c3sd = 0.6748
c3ed = 1.5134
c4sd = -0.4538
c4ed = 0.0
varx = 10.2126%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 14/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.140001
Actual Power:	0.0196002
Distortion 2H-12H:	0.00471907%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.3506	end: 10.2103	delta: 0.8597
P2 start: 36.6899	end: 38.9537	delta: 2.2637
P3 start: 62.3462	end: 65.6241	delta: 3.2778
P4 start: 88.1791	end: 90.0	delta: 1.8209

H3: 2.74651e-05	H13: 1.12689	H13f: 0.086684
H5: 2.53691e-05	H15: -0.801915	H15f: -0.053461
H7: 6.35002e-06	H17: 0.0312789	H17f: 0.00183994
H9: -1.84306e-05	H19: 0.0515541	H19f: 0.00271338
H11: -2.11902e-05	H21: 0.0592026	H21f: 0.00281917
	H23: 0.0679507	H23f: 0.00295438
	H25: 0.0570013	H25f: 0.00228005
	H27: -1.13075	H27f: -0.0418796
	H29: 0.598288	H29f: 0.0206306

c1sd = -0.1269
c1ed = -0.2879
c2sd = 0.2882
c2ed = 0.9554
c3sd = 0.6215
c3ed = 1.5487
c4sd = -0.5025
c4ed = 0.0
varx = 10.1861%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 15/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	5.99311e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4464	end: 10.3617	delta: 0.9153
P2 start: 36.6286	end: 39.0525	delta: 2.424
P3 start: 62.234	end: 65.7453	delta: 3.5112
P4 start: 88.0491	end: 90.0	delta: 1.9509

H3: -3.37293e-07	H13: 1.11915	H13f: 0.0860885
H5: 3.03564e-07	H15: -0.803822	H15f: -0.0535881
H7: -7.22771e-08	H17: 0.026055	H17f: 0.00153265
H9: -1.12431e-07	H19: 0.0477159	H19f: 0.00251136
H11: 3.67956e-07	H21: 0.0545403	H21f: 0.00259716
	H23: 0.0622754	H23f: 0.00270762
	H25: 0.0473354	H25f: 0.00189342
	H27: -1.1145	H27f: -0.0412776
	H29: 0.591934	H29f: 0.0204115

c1sd = -0.0149
c1ed = -0.1947
c2sd = 0.285
c2ed = 0.9961
c3sd = 0.5951
c3ed = 1.5842
c4sd = -0.5363
c4ed = 0.0
varx = 10.1416%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 16/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0256001
Distortion 2H-12H:	0.000681215%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4644	end: 10.438	delta: 0.9736
P2 start: 36.5518	end: 39.1364	delta: 2.5846
P3 start: 62.1157	end: 65.861	delta: 3.7453
P4 start: 87.9187	end: 90.0	delta: 2.0813

H3: -3.95265e-06	H13: 1.11427	H13f: 0.0857133
H5: -4.174e-06	H15: -0.80145	H15f: -0.05343
H7: 4.74318e-07	H17: 0.0226362	H17f: 0.00133154
H9: 2.7405e-06	H19: 0.0461811	H19f: 0.00243058
H11: 2.37159e-06	H21: 0.0527226	H21f: 0.0025106
	H23: 0.0601104	H23f: 0.0026135
	H25: 0.041639	H25f: 0.00166556
	H27: -1.09925	H27f: -0.0407129
	H29: 0.57995	H29f: 0.0199983

c1sd = 0.013
c1ed = -0.1541
c2sd = 0.2439
c2ed = 1.0443
c3sd = 0.5292
c3ed = 1.6475
c4sd = -0.6079
c4ed = 0.0
varx = 10.1011%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 17/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	9.19322e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.3813	end: 10.4174	delta: 1.0362
P2 start: 36.4555	end: 39.2012	delta: 2.7457
P3 start: 61.9894	end: 65.9698	delta: 3.9804
P4 start: 87.7876	end: 90.0	delta: 2.2124

H3: -2.97612e-07	H13: 1.11314	H13f: 0.085626
H5: 8.92835e-08	H15: -0.793666	H15f: -0.0529111
H7: -3.1887e-07	H17: 0.021587	H17f: 0.00126982
H9: 6.94427e-07	H19: 0.0475648	H19f: 0.00250341
H11: -4.05834e-07	H21: 0.0544493	H21f: 0.00259282
	H23: 0.0622247	H23f: 0.00270542
	H25: 0.0406887	H25f: 0.00162755
	H27: -1.08581	H27f: -0.0402152
	H29: 0.560745	H29f: 0.019336

c1sd = -0.0656
c1ed = -0.1907
c2sd = 0.1637
c2ed = 1.093
c3sd = 0.4266
c3ed = 1.7326
c4sd = -0.7123
c4ed = 0.0
varx = 10.0663%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 18/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0324001
Distortion 2H-12H:	0.000478065%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.3643	end: 10.46	delta: 1.0957
P2 start: 36.3715	end: 39.2777	delta: 2.9063
P3 start: 61.8677	end: 66.0827	delta: 4.215
P4 start: 87.6568	end: 90.0	delta: 2.3432

H3: -3.23239e-06	H13: 1.10925	H13f: 0.0853266
H5: -2.78266e-06	H15: -0.788927	H15f: -0.0525951
H7: -1.02392e-06	H17: 0.0187776	H17f: 0.00110457
H9: 1.12431e-06	H19: 0.0470175	H19f: 0.0024746
H11: 1.53315e-06	H21: 0.0538463	H21f: 0.00256411
	H23: 0.0615347	H23f: 0.00267542
	H25: 0.0363169	H25f: 0.00145268
	H27: -1.06994	H27f: -0.0396274
	H29: 0.545006	H29f: 0.0187933

c1sd = -0.0456
c1ed = -0.2808
c2sd = 0.2123
c2ed = 1.0369
c3sd = 0.5003
c3ed = 1.6502
c4sd = -0.6241
c4ed = 0.0
varx = 10.024%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 19/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0361001
Distortion 2H-12H:	0.000132941%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4946	end: 10.6425	delta: 1.148
P2 start: 36.3151	end: 39.3806	delta: 3.0655
P3 start: 61.7569	end: 66.2049	delta: 4.448
P4 start: 87.5267	end: 90.0	delta: 2.4733

H3: -7.98852e-07	H13: 1.0995	H13f: 0.0845766
H5: -9.58622e-07	H15: -0.791281	H15f: -0.052752
H7: -1.71183e-07	H17: 0.012208	H17f: 0.000718118
H9: 3.10665e-07	H19: 0.0422538	H19f: 0.00222389
H11: 2.90492e-07	H21: 0.0482106	H21f: 0.00229574
	H23: 0.054846	H23f: 0.00238461
	H25: 0.0250085	H25f: 0.00100034
	H27: -1.0495	H27f: -0.0388704
	H29: 0.537995	H29f: 0.0185516

c1sd =	0.1104
c1ed =	-0.1907
c2sd =	0.2483
c2ed =	1.0474
c3sd =	0.5254
c3ed =	1.6363
c4sd =	-0.6015
c4ed =	0.0
varx =	9.9682%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 20/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0399999
Distortion 2H-12H:	0.000135805%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.3465	end: 10.5599	delta: 1.2134
P2 start: 36.2053	end: 39.432	delta: 3.2267
P3 start: 61.6244	end: 66.3086	delta: 4.6842
P4 start: 87.3948	end: 90.0	delta: 2.6052

H3: -3.79455e-07	H13: 1.10032	H13f: 0.08464
H5: -4.55346e-07	H15: -0.779337	H15f: -0.0519558
H7: -5.42079e-08	H17: 0.0123709	H17f: 0.000727702
H9: 1.18053e-06	H19: 0.0454118	H19f: 0.0023901
H11: 3.10463e-07	H21: 0.0520742	H21f: 0.00247972
	H23: 0.0595162	H23f: 0.00258766
	H25: 0.026351	H25f: 0.00105404
	H27: -1.03569	H27f: -0.038359
	H29: 0.512396	H29f: 0.0176688

c1sd = -0.0452
c1ed = -0.2463
c2sd = 0.1115
c2ed = 1.1259
c3sd = 0.3532
c3ed = 1.7798
c4sd = -0.7781
c4ed = 0.0
varx = 9.9317%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 21/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0441
Distortion 2H-12H:	0.000204624%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.33	end: 10.6023	delta: 1.2722
P2 start: 36.1204	end: 39.5071	delta: 3.3867
P3 start: 61.5016	end: 66.4206	delta: 4.919
P4 start: 87.2636	end: 90.0	delta: 2.7364

H3: -7.22771e-07	H13: 1.09587	H13f: 0.0842976
H5: -1.44554e-07	H15: -0.773726	H15f: -0.0515818
H7: 6.71145e-07	H17: 0.00918347	H17f: 0.000540204
H9: -1.00385e-06	H19: 0.044813	H19f: 0.00235858
H11: 1.4784e-06	H21: 0.0514522	H21f: 0.0024501
	H23: 0.058839	H23f: 0.00255822
	H25: 0.0214847	H25f: 0.00085939
	H27: -1.01772	H27f: -0.0376935
	H29: 0.494664	H29f: 0.0170574

c1sd = -0.0179
c1ed = -0.3611
c2sd = 0.1837
c2ed = 1.0438
c3sd = 0.4617
c3ed = 1.6605
c4sd = -0.6498
c4ed = 0.0
varx = 9.8828%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 22/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	8.7665e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4634	end: 10.7862	delta: 1.3228
P2 start: 36.0641	end: 39.6093	delta: 3.5452
P3 start: 61.3901	end: 66.542	delta: 5.1519
P4 start: 87.1333	end: 90.0	delta: 2.8668

H3: -5.74932e-07	H13: 1.08549	H13f: 0.0834996
H5: -6.89918e-08	H15: -0.775334	H15f: -0.051689
H7: -2.95679e-07	H17: 0.00220977	H17f: 0.000129986
H9: 3.0663e-07	H19: 0.0400304	H19f: 0.00210686
H11: 5.01758e-07	H21: 0.0458483	H21f: 0.00218325
	H23: 0.0522256	H23f: 0.00227068
	H25: 0.00992737	H25f: 0.000397095
	H27: -0.995167	H27f: -0.036858
	H29: 0.485989	H29f: 0.0167582

c1sd = 0.135
c1ed = -0.2472
c2sd = 0.1975
c2ed = 1.0758
c3sd = 0.4534
c3ed = 1.6786
c4sd = -0.6643
c4ed = 0.0
varx = 9.8204%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 23/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0529
Distortion 2H-12H:	2.06186e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4732	end: 10.8527	delta: 1.3795
P2 start: 35.9838	end: 39.6882	delta: 3.7045
P3 start: 61.2686	end: 66.655	delta: 5.3865
P4 start: 87.0019	end: 90.0	delta: 2.9981

H3: 1.09987e-07	H13: 1.07969	H13f: 0.0830534
H5: -6.59922e-08	H15: -0.770449	H15f: -0.0513633
H7: -4.71373e-08	H17: -0.00183951	H17f: -0.000108207
H9: -3.66623e-08	H19: 0.0387202	H19f: 0.00203791
H11: 1.49982e-07	H21: 0.0444174	H21f: 0.00211511
	H23: 0.0506127	H23f: 0.00220055
	H25: 0.0037936	H25f: 0.000151744
	H27: -0.975214	H27f: -0.036119
	H29: 0.468839	H29f: 0.0161669

c1sd = 0.1623
c1ed = -0.2437
c2sd = 0.1802
c2ed = 1.0918
c3sd = 0.4246
c3ed = 1.699
c4sd = -0.6916
c4ed = 0.0
varx = 9.7653%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 24/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0576
Distortion 2H-12H:	7.83093e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.488	end: 10.9236	delta: 1.4357
P2 start: 35.9042	end: 39.7677	delta: 3.8635
P3 start: 61.1471	end: 66.7682	delta: 5.621
P4 start: 86.8705	end: 90.0	delta: 3.1295

H3: -4.21617e-07	H13: 1.07352	H13f: 0.0825788
H5: 0.0	H15: -0.765534	H15f: -0.0510356
H7: -3.16213e-07	H17: -0.00610999	H17f: -0.000359411
H9: -7.02695e-08	H19: 0.0372802	H19f: 0.00196211
H11: 5.74932e-07	H21: 0.0428488	H21f: 0.00204042
	H23: 0.0488471	H23f: 0.00212379
	H25: -0.00263435	H25f: -0.000105374
	H27: -0.954515	H27f: -0.0353524
	H29: 0.451538	H29f: 0.0155703

c1sd = 0.2195
c1ed = -0.3248
c2sd = 0.2526
c2ed = 1.0192
c3sd = 0.5271
c3ed = 1.5882
c4sd = -0.5719
c4ed = 0.0
varx = 9.7077%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 25/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.61668e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.4655	end: 10.9591	delta: 1.4936
P2 start: 35.8169	end: 39.8396	delta: 4.0226
P3 start: 61.0223	end: 66.8785	delta: 5.8562
P4 start: 86.7386	end: 90.0	delta: 3.2614

H3: 0.0	H13: 1.06863	H13f: 0.0822021
H5: -1.82138e-07	H15: -0.758451	H15f: -0.0505634
H7: 0.0	H17: -0.00959957	H17f: -0.00056468
H9: -1.68647e-07	H19: 0.0368202	H19f: 0.0019379
H11: 8.27902e-08	H21: 0.0424635	H21f: 0.00202207
	H23: 0.0484985	H23f: 0.00210863
	H25: -0.00767813	H25f: -0.000307125
	H27: -0.934378	H27f: -0.0346066
	H29: 0.431242	H29f: 0.0148704

c1sd = 0.2093
c1ed = -0.3333
c2sd = 0.2093
c2ed = 1.0472
c3sd = 0.4669
c3ed = 1.6339
c4sd = -0.6312
c4ed = 0.0
varx = 9.651%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 26/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0675999
Distortion 2H-12H:	1.21136e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.5619	end: 11.1064	delta: 1.5445
P2 start: 35.7532	end: 39.9334	delta: 4.1802
P3 start: 60.9067	end: 66.9963	delta: 6.0896
P4 start: 86.6076	end: 90.0	delta: 3.3924

H3: 0.0	H13: 1.05895	H13f: 0.0814579
H5: -5.83777e-08	H15: -0.757087	H15f: -0.0504725
H7: 0.0	H17: -0.0159986	H17f: -0.000941092
H9: 0.0	H19: 0.0332666	H19f: 0.00175087
H11: 1.06141e-07	H21: 0.0384516	H21f: 0.00183103
	H23: 0.0438869	H23f: 0.00190813
	H25: -0.0173104	H25f: -0.000692415
	H27: -0.910045	H27f: -0.0337054
	H29: 0.418708	H29f: 0.0144382

c1sd = 0.3236
c1ed = -0.2502
c2sd = 0.2098
c2ed = 1.0768
c3sd = 0.4459
c3ed = 1.6571
c4sd = -0.6562
c4ed = 0.0
varx = 9.5832%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 27/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.0729002
Distortion 2H-12H:	5.45999e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.5237	end: 11.1263	delta: 1.6027
P2 start: 35.6622	end: 40.0012	delta: 4.3391
P3 start: 60.7797	end: 67.105	delta: 6.3253
P4 start: 86.4752	end: 90.0	delta: 3.5248

H3: -3.7477e-07	H13: 1.05434	H13f: 0.0811031
H5: 3.37293e-07	H15: -0.748641	H15f: -0.0499094
H7: -2.0077e-07	H17: -0.0193221	H17f: -0.0011366
H9: 3.12308e-08	H19: 0.0331859	H19f: 0.00174663
H11: 5.1105e-08	H21: 0.0385523	H21f: 0.00183582
	H23: 0.0441392	H23f: 0.0019191
	H25: -0.0219783	H25f: -0.000879131
	H27: -0.889449	H27f: -0.0329426
	H29: 0.396473	H29f: 0.0136715

c1sd = 0.2949
c1ed = -0.2646
c2sd = 0.1531
c2ed = 1.1103
c3sd = 0.3695
c3ed = 1.7153
c4sd = -0.7319
c4ed = 0.0
varx = 9.5236%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 28/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.55971e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.617	end: 11.2699	delta: 1.653
P2 start: 35.5976	end: 40.0937	delta: 4.496
P3 start: 60.6633	end: 67.2221	delta: 6.5588
P4 start: 86.3438	end: 90.0	delta: 3.6562

H3: 0.0	H13: 1.04444	H13f: 0.0803417
H5: 5.42078e-08	H15: -0.746575	H15f: -0.0497717
H7: -1.93599e-07	H17: -0.0257959	H17f: -0.0015174
H9: 1.50577e-07	H19: 0.0298056	H19f: 0.00156872
H11: -4.92799e-08	H21: 0.034812	H21f: 0.00165772
	H23: 0.0399011	H23f: 0.00173483
	H25: -0.0313123	H25f: -0.00125249
	H27: -0.864083	H27f: -0.0320031
	H29: 0.383189	H29f: 0.0132134

c1sd = 0.4432
c1ed = -0.3183
c2sd = 0.2859
c2ed = 1.0054
c3sd = 0.5435
c3ed = 1.5418
c4sd = -0.5374
c4ed = 0.0
varx = 9.4522%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 29/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	0.000103959%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.7837	end: 11.4827	delta: 1.699
P2 start: 35.5488	end: 40.2004	delta: 4.6516
P3 start: 60.553	end: 67.3439	delta: 6.7909
P4 start: 86.2131	end: 90.0	delta: 3.7869

H3: 8.7231e-07	H13: 1.03144	H13f: 0.0793412
H5: 2.61693e-07	H15: -0.748018	H15f: -0.0498678
H7: 7.47695e-08	H17: -0.033935	H17f: -0.00199617
H9: -2.03539e-07	H19: 0.0248399	H19f: 0.00130736
H11: -4.52015e-07	H21: 0.0292903	H21f: 0.00139477
	H23: 0.0336407	H23f: 0.00146264
	H25: -0.0425506	H25f: -0.00170203
	H27: -0.835209	H27f: -0.0309337
	H29: 0.375398	H29f: 0.0129447

c1sd = 0.6127
c1ed = -0.1153
c2sd = 0.2468
c2ed = 1.1024
c3sd = 0.4476
c3ed = 1.6492
c4sd = -0.6519
c4ed = 0.0
varx = 9.3733%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 30/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	6.80825e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.7149	end: 11.4726	delta: 1.7577
P2 start: 35.4503	end: 40.2603	delta: 4.81
P3 start: 60.422	end: 67.4494	delta: 7.0274
P4 start: 86.0797	end: 90.0	delta: 3.9203

H3: -1.68647e-07	H13: 1.02759	H13f: 0.0790453
H5: 0.0	H15: -0.737164	H15f: -0.0491443
H7: -3.61386e-07	H17: -0.0368924	H17f: -0.00217014
H9: 4.77832e-07	H19: 0.0253876	H19f: 0.00133619
H11: 2.75967e-07	H21: 0.0301851	H21f: 0.00143738
	H23: 0.0348593	H23f: 0.00151562
	H25: -0.0466047	H25f: -0.00186419
	H27: -0.814773	H27f: -0.0301768
	H29: 0.34979	H29f: 0.0120617

c1sd = 0.5722
c1ed = -0.2271
c2sd = 0.2501
c2ed = 1.0605
c3sd = 0.4664
c3ed = 1.6049
c4sd = -0.6172
c4ed = 0.0
varx = 9.3102%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 31/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.8319e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.5501	end: 11.3723	delta: 1.8223
P2 start: 35.3315	end: 40.3009	delta: 4.9694
P3 start: 60.2821	end: 67.5482	delta: 7.2661
P4 start: 85.945	end: 90.0	delta: 4.055

H3: 0.0	H13: 1.02727	H13f: 0.079021
H5: 1.46886e-07	H15: -0.721197	H15f: -0.0480798
H7: -1.39891e-07	H17: -0.0377286	H17f: -0.00221933
H9: -2.72011e-07	H19: 0.0281844	H19f: 0.00148339
H11: 1.78043e-07	H21: 0.0337146	H21f: 0.00160546
	H23: 0.0391729	H23f: 0.00170317
	H25: -0.0478597	H25f: -0.00191439
	H27: -0.79715	H27f: -0.0295241
	H29: 0.31724	H29f: 0.0109393

c1sd = 0.4294
c1ed = -0.4063
c2sd = 0.2102
c2ed = 1.0222
c3sd = 0.4428
c3ed = 1.5875
c4sd = -0.6216
c4ed = 0.0
varx = 9.2525%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 32/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	7.85254e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.7499	end: 11.6147	delta: 1.8647
P2 start: 35.289	end: 40.4125	delta: 5.1234
P3 start: 60.1736	end: 67.6711	delta: 7.4976
P4 start: 85.8141	end: 90.0	delta: 4.1859

H3: -3.95265e-07	H13: 1.01257	H13f: 0.0778903
H5: 4.74319e-07	H15: -0.723487	H15f: -0.0482325
H7: -4.74319e-07	H17: -0.0468811	H17f: -0.00275771
H9: -7.90531e-08	H19: 0.0224822	H19f: 0.00118328
H11: 6.46798e-08	H21: 0.0274409	H21f: 0.00130671
	H23: 0.0321049	H23f: 0.00139586
	H25: -0.0599202	H25f: -0.00239681
	H27: -0.766293	H27f: -0.0283812
	H29: 0.31104	H29f: 0.0107255

c1sd = 0.6383
c1ed = -0.1967
c2sd = 0.2004
c2ed = 1.1011
c3sd = 0.3823
c3ed = 1.6624
c4sd = -0.6985
c4ed = 0.0
varx = 9.1656%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 33/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.62179e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.7719	end: 11.6895	delta: 1.9175
P2 start: 35.209	end: 40.4886	delta: 5.2796
P3 start: 60.0491	end: 67.7818	delta: 7.7327
P4 start: 85.681	end: 90.0	delta: 4.319

H3: 7.66576e-08	H13: 1.00466	H13f: 0.0772813
H5: -9.19891e-08	H15: -0.716488	H15f: -0.0477658
H7: -6.57065e-08	H17: -0.0520868	H17f: -0.00306393
H9: 2.55525e-08	H19: 0.0209262	H19f: 0.00110138
H11: 8.36264e-08	H21: 0.0259998	H21f: 0.00123808
	H23: 0.0306847	H23f: 0.00133412
	H25: -0.0666999	H25f: -0.002668
	H27: -0.741445	H27f: -0.0274609
	H29: 0.291835	H29f: 0.0100633

c1sd = 0.6862
c1ed = -0.2147
c2sd = 0.2131
c2ed = 1.0845
c3sd = 0.3944
c3ed = 1.6364
c4sd = -0.6784
c4ed = 0.0
varx = 9.0903%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 34/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	4.35596e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.58	end: 11.563	delta: 1.983
P2 start: 35.0828	end: 40.5214	delta: 5.4386
P3 start: 59.9049	end: 67.8776	delta: 7.9727
P4 start: 85.545	end: 90.0	delta: 4.455

H3: -2.23209e-07	H13: 1.00492	H13f: 0.0773012
H5: -1.33925e-07	H15: -0.698353	H15f: -0.0465569
H7: -3.1887e-08	H17: -0.0526077	H17f: -0.00309457
H9: 3.47214e-07	H19: 0.0240777	H19f: 0.00126724
H11: 2.02917e-08	H21: 0.0299877	H21f: 0.00142799
	H23: 0.0355713	H23f: 0.00154658
	H25: -0.0679983	H25f: -0.00271993
	H27: -0.724192	H27f: -0.0268219
	H29: 0.256887	H29f: 0.00885818

c1sd = 0.5143
c1ed = -0.4131
c2sd = 0.1589
c2ed = 1.0453
c3sd = 0.3563
c3ed = 1.6262
c4sd = -0.6955
c4ed = 0.0
varx = 9.0292%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 35/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	5.3801e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.9401	end: 11.9552	delta: 2.0152
P2 start: 35.0759	end: 40.6646	delta: 5.5887
P3 start: 59.8103	end: 68.0107	delta: 8.2003
P4 start: 85.4157	end: 90.0	delta: 4.5843

H3: -2.16831e-07	H13: 0.983432	H13f: 0.0756486
H5: 2.16831e-07	H15: -0.708111	H15f: -0.0472074
H7: -9.29277e-08	H17: -0.0653218	H17f: -0.00384246
H9: -4.0957e-07	H19: 0.0153065	H19f: 0.000805606
H11: 1.37984e-07	H21: 0.0203937	H21f: 0.000971128
	H23: 0.0248106	H23f: 0.00107872
	H25: -0.0828186	H25f: -0.00331274
	H27: -0.685886	H27f: -0.0254032
	H29: 0.262947	H29f: 0.00906714

c1sd = 0.8954
c1ed = -0.0965
c2sd = 0.2276
c2ed = 1.1129
c3sd = 0.373
c3ed = 1.648
c4sd = -0.7
c4ed = 0.0
varx = 8.9253%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 36/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	5.03634e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.6862	end: 11.7693	delta: 2.0831
P2 start: 34.9343	end: 40.6825	delta: 5.7482
P3 start: 59.6588	end: 68.1011	delta: 8.4424
P4 start: 85.278	end: 90.0	delta: 4.722

H3: 0.0	H13: 0.985928	H13f: 0.0758406
H5: -3.79455e-07	H15: -0.686233	H15f: -0.0457489
H7: -3.01155e-08	H17: -0.0647949	H17f: -0.00381147
H9: 2.81078e-07	H19: 0.0193947	H19f: 0.00102077
H11: 1.7248e-07	H21: 0.025454	H21f: 0.00121209
	H23: 0.0309354	H23f: 0.00134502
	H25: -0.0835768	H25f: -0.00334307
	H27: -0.671436	H27f: -0.024868
	H29: 0.22279	H29f: 0.0076824

c1sd = 0.6697
c1ed = -0.3835
c2sd = 0.1871
c2ed = 1.0297
c3sd = 0.3702
c3ed = 1.5896
c4sd = -0.6706
c4ed = 0.0
varx = 8.8653%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 37/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	9.57927e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.8478	end: 11.974	delta: 2.1262
P2 start: 34.884	end: 40.7845	delta: 5.9005
P3 start: 59.5453	end: 68.2199	delta: 8.6746
P4 start: 85.1457	end: 90.0	delta: 4.8543

H3: -6.15333e-07	H13: 0.971965	H13f: 0.0747666
H5: -2.05111e-07	H15: -0.685361	H15f: -0.0456907
H7: 2.34413e-07	H17: -0.0732915	H17f: -0.00431127
H9: 6.38123e-07	H19: 0.0149068	H19f: 0.000784569
H11: 1.86465e-07	H21: 0.0208355	H21f: 0.000992167
	H23: 0.0259736	H23f: 0.00112929
	H25: -0.0933649	H25f: -0.0037346
	H27: -0.640507	H27f: -0.0237225
	H29: 0.214063	H29f: 0.0073815

c1sd = 0.8622
c1ed = -0.2896
c2sd = 0.2476
c2ed = 1.0209
c3sd = 0.4198
c3ed = 1.5453
c4sd = -0.62
c4ed = 0.0
varx = 8.7728%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 38/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.12999e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.007	end: 12.1767	delta: 2.1697
P2 start: 34.8342	end: 40.8863	delta: 6.0521
P3 start: 59.4316	end: 68.3384	delta: 8.9067
P4 start: 85.0132	end: 90.0	delta: 4.9868

H3: 0.0	H13: 0.957867	H13f: 0.0736821
H5: 1.19828e-07	H15: -0.684191	H15f: -0.0456127
H7: -2.28244e-07	H17: -0.0816412	H17f: -0.00480242
H9: 1.77523e-07	H19: 0.0107582	H19f: 0.000566223
H11: 0.0	H21: 0.0166951	H21f: 0.000795004
	H23: 0.0216284	H23f: 0.000940366
	H25: -0.102313	H25f: -0.00409251
	H27: -0.608979	H27f: -0.0225548
	H29: 0.205728	H29f: 0.00709407

c1sd = 1.0255
c1ed = -0.1018
c2sd = 0.2127
c2ed = 1.1078
c3sd = 0.3281
c3ed = 1.6418
c4sd = -0.7279
c4ed = 0.0
varx = 8.6791%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 39/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	4.76029e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.8187	end: 12.0512	delta: 2.2325
P2 start: 34.7049	end: 40.9145	delta: 6.2096
P3 start: 59.2838	end: 68.4319	delta: 9.1482
P4 start: 84.8751	end: 90.0	delta: 5.1249

H3: -2.59456e-07	H13: 0.95737	H13f: 0.0736439
H5: 1.94592e-07	H15: -0.664911	H15f: -0.0443274
H7: -3.05788e-07	H17: -0.0828071	H17f: -0.00487101
H9: 1.51349e-07	H19: 0.013116	H19f: 0.000690314
H11: 7.07608e-08	H21: 0.0198538	H21f: 0.000945418
	H23: 0.0256356	H23f: 0.00111459
	H25: -0.105357	H25f: -0.00421429
	H27: -0.592068	H27f: -0.0219284
	H29: 0.170738	H29f: 0.00588752

c1sd = 0.8818
c1ed = -0.3869
c2sd = 0.243
c2ed = 0.9764
c3sd = 0.4154
c3ed = 1.5003
c4sd = -0.6022
c4ed = 0.0
varx = 8.6093%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 40/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.92834e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.9496	end: 12.2263	delta: 2.2767
P2 start: 34.6481	end: 41.0089	delta: 6.3608
P3 start: 59.1663	end: 68.5475	delta: 9.3812
P4 start: 84.7416	end: 90.0	delta: 5.2584

H3: -3.79455e-07	H13: 0.944166	H13f: 0.0726282
H5: -7.58909e-08	H15: -0.661796	H15f: -0.0441197
H7: -5.42078e-08	H17: -0.0906949	H17f: -0.005335
H9: -2.10808e-08	H19: 0.00946546	H19f: 0.000498182
H11: 3.44959e-08	H21: 0.0163571	H21f: 0.00077891
	H23: 0.0220863	H23f: 0.000960272
	H25: -0.113681	H25f: -0.00454722
	H27: -0.561877	H27f: -0.0208103
	H29: 0.160418	H29f: 0.00553166

c1sd = 1.0333
c1ed = -0.286
c2sd = 0.2604
c2ed = 0.9966
c3sd = 0.4072
c3ed = 1.5067
c4sd = -0.6132
c4ed = 0.0
varx = 8.5146%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 41/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.51564e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.8349	end: 12.1698	delta: 2.3349
P2 start: 34.5348	end: 41.051	delta: 6.5162
P3 start: 59.0242	end: 68.6455	delta: 9.6212
P4 start: 84.6038	end: 90.0	delta: 5.3962

H3: -6.17e-08	H13: 0.940432	H13f: 0.0723409
H5: -7.40399e-08	H15: -0.645858	H15f: -0.0430572
H7: 5.28857e-08	H17: -0.0934699	H17f: -0.00549823
H9: -6.17e-08	H19: 0.0103279	H19f: 0.000543573
H11: 8.41363e-08	H21: 0.0179144	H21f: 0.000853069
	H23: 0.024337	H23f: 0.00105813
	H25: -0.118161	H25f: -0.00472644
	H27: -0.541785	H27f: -0.0200661
	H29: 0.131774	H29f: 0.00454394

c1sd = 0.9491
c1ed = -0.4519
c2sd = 0.2564
c2ed = 0.9293
c3sd = 0.4261
c3ed = 1.4436
c4sd = -0.5704
c4ed = 0.0
varx = 8.4364%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 42/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	4.86382e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 9.8901	end: 12.2729	delta: 2.3828
P2 start: 34.4602	end: 41.128	delta: 6.6678
P3 start: 58.8983	end: 68.7549	delta: 9.8566
P4 start: 84.4683	end: 90.0	delta: 5.5317

H3: -3.01155e-07	H13: 0.92993	H13f: 0.0715331
H5: -2.5297e-07	H15: -0.638411	H15f: -0.0425607
H7: 1.80693e-07	H17: -0.0998528	H17f: -0.00587369
H9: -6.02309e-08	H19: 0.00804393	H19f: 0.000423364
H11: 2.13546e-07	H21: 0.0160267	H21f: 0.000763175
	H23: 0.0226957	H23f: 0.000986769
	H25: -0.125162	H25f: -0.00500649
	H27: -0.514837	H27f: -0.0190681
	H29: 0.116261	H29f: 0.00400899

c1sd = 1.0104
c1ed = -0.3704
c2sd = 0.2035
c2ed = 0.9847
c3sd = 0.332
c3ed = 1.5211
c4sd = -0.6701
c4ed = 0.0
varx = 8.3444%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 43/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.80984e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.1319	end: 12.5524	delta: 2.4204
P2 start: 34.4301	end: 41.2451	delta: 6.815
P3 start: 58.791	end: 68.8773	delta: 10.0863
P4 start: 84.3358	end: 90.0	delta: 5.6642

H3: 2.35321e-07	H13: 0.911944	H13f: 0.0701495
H5: -7.05963e-08	H15: -0.640388	H15f: -0.0426925
H7: 5.04259e-08	H17: -0.110004	H17f: -0.0064708
H9: 9.80504e-08	H19: 0.0027596	H19f: 0.000145242
H11: -8.0223e-08	H21: 0.0109442	H21f: 0.000521154
	H23: 0.0174806	H23f: 0.000760026
	H25: -0.13378	H25f: -0.0053512
	H27: -0.479776	H27f: -0.0177695
	H29: 0.115468	H29f: 0.00398164

c1sd = 1.2947
c1ed = -0.2433
c2sd = 0.3258
c2ed = 0.9494
c3sd = 0.4491
c3ed = 1.4191
c4sd = -0.551
c4ed = 0.0
varx = 8.2374%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 44/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.00858e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.0958	end: 12.5686	delta: 2.4727
P2 start: 34.3338	end: 41.3011	delta: 6.9674
P3 start: 58.6547	end: 68.9792	delta: 10.3246
P4 start: 84.1979	end: 90.0	delta: 5.8021

H3: 2.29973e-07	H13: 0.904788	H13f: 0.0695991
H5: -1.03488e-07	H15: -0.627803	H15f: -0.0418535
H7: 9.85597e-08	H17: -0.11457	H17f: -0.00673944
H9: 3.83288e-08	H19: 0.00204505	H19f: 0.000107634
H11: -1.2544e-07	H21: 0.0108838	H21f: 0.000518277
	H23: 0.0179975	H23f: 0.000782501
	H25: -0.139378	H25f: -0.00557513
	H27: -0.456994	H27f: -0.0169257
	H29: 0.0936629	H29f: 0.00322975

c1sd = 1.2642
c1ed = -0.2473
c2sd = 0.2496
c2ed = 0.9853
c3sd = 0.3425
c3ed = 1.4915
c4sd = -0.6556
c4ed = 0.0
varx = 8.1493%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 45/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	4.79981e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.2347	end: 12.7507	delta: 2.516
P2 start: 34.2801	end: 41.3954	delta: 7.1153
P3 start: 58.5363	end: 69.0936	delta: 10.5573
P4 start: 84.063	end: 90.0	delta: 5.937

H3: -3.37293e-07	H13: 0.890553	H13f: 0.0685041
H5: 0.0	H15: -0.624098	H15f: -0.0416065
H7: -9.63695e-08	H17: -0.122558	H17f: -0.00720931
H9: -1.49908e-07	H19: -0.00127062	H19f: -6.68747e-05
H11: 2.91299e-07	H21: 0.00809904	H21f: 0.000385669
	H23: 0.0154827	H23f: 0.000673163
	H25: -0.146	H25f: -0.00584
	H27: -0.426357	H27f: -0.015791
	H29: 0.0859191	H29f: 0.00296273

c1sd = 1.4249
c1ed = -0.1436
c2sd = 0.2745
c2ed = 1.001
c3sd = 0.3397
c3ed = 1.4902
c4sd = -0.6608
c4ed = 0.0
varx = 8.0473%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 46/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.63428e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.1009	end: 12.6733	delta: 2.5724
P2 start: 34.1589	end: 41.4276	delta: 7.2688
P3 start: 58.388	end: 69.1873	delta: 10.7993
P4 start: 83.9223	end: 90.0	delta: 6.0777

H3: -5.49935e-08	H13: 0.887009	H13f: 0.0682314
H5: -9.89883e-08	H15: -0.606023	H15f: -0.0404015
H7: -1.17843e-07	H17: -0.125284	H17f: -0.00736962
H9: 2.01643e-07	H19: -0.000696513	H19f: -3.66586e-05
H11: 4.49947e-08	H21: 0.00948668	H21f: 0.000451747
	H23: 0.0177211	H23f: 0.000770483
	H25: -0.151081	H25f: -0.00604323
	H27: -0.408484	H27f: -0.0151291
	H29: 0.0574998	H29f: 0.00198275

c1sd = 1.3329
c1ed = -0.3709
c2sd = 0.3031
c2ed = 0.8834
c3sd = 0.412
c3ed = 1.3633
c4sd = -0.5541
c4ed = 0.0
varx = 7.9637%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 47/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.38776e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.2166	end: 12.8328	delta: 2.6162
P2 start: 34.0991	end: 41.5151	delta: 7.416
P3 start: 58.266	end: 69.2989	delta: 11.033
P4 start: 83.786	end: 90.0	delta: 6.214

H3: -1.6147e-07	H13: 0.873485	H13f: 0.0671912
H5: 1.6147e-07	H15: -0.6007	H15f: -0.0400467
H7: -4.61343e-08	H17: -0.132863	H17f: -0.00781546
H9: -1.97352e-07	H19: -0.00369326	H19f: -0.000194382
H11: 1.46791e-07	H21: 0.00715408	H21f: 0.000340671
	H23: 0.0158022	H23f: 0.000687054
	H25: -0.157244	H25f: -0.00628977
	H27: -0.37948	H27f: -0.0140548
	H29: 0.0487989	H29f: 0.00168272

c1sd = 1.4539
c1ed = -0.2305
c2sd = 0.2624
c2ed = 0.9518
c3sd = 0.318
c3ed = 1.4469
c4sd = -0.6589
c4ed = 0.0
varx = 7.861%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 48/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.36684e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.2418	end: 12.9059	delta: 2.6641
P2 start: 34.0168	end: 41.5814	delta: 7.5646
P3 start: 58.1335	end: 69.4033	delta: 11.2699
P4 start: 83.6473	end: 90.0	delta: 6.3527

H3: -2.10808e-07	H13: 0.863404	H13f: 0.0664157
H5: -1.89728e-07	H15: -0.590495	H15f: -0.0393664
H7: 1.58106e-07	H17: -0.138681	H17f: -0.00815771
H9: -8.78368e-08	H19: -0.0054195	H19f: -0.000285237
H11: -1.43733e-08	H21: 0.00621644	H21f: 0.000296021
	H23: 0.0155078	H23f: 0.000674251
	H25: -0.162851	H25f: -0.00651403
	H27: -0.354854	H27f: -0.0131427
	H29: 0.0337196	H29f: 0.00116275

c1sd = 1.5272
c1ed = -0.3301
c2sd = 0.3529
c2ed = 0.8454
c3sd = 0.44
c3ed = 1.2968
c4sd = -0.5121
c4ed = 0.0
varx = 7.7636%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 49/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.44709e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.4522	end: 13.1563	delta: 2.7041
P2 start: 33.9825	end: 41.6905	delta: 7.708
P3 start: 58.0215	end: 69.5214	delta: 11.4998
P4 start: 83.5123	end: 90.0	delta: 6.4877

H3: 1.03253e-07	H13: 0.845827	H13f: 0.0650636
H5: 0.0	H15: -0.589797	H15f: -0.0393198
H7: 4.42513e-08	H17: -0.147881	H17f: -0.0086989
H9: -3.44177e-08	H19: -0.00925827	H19f: -0.000487277
H11: -8.44798e-08	H21: 0.00320758	H21f: 0.000152742
	H23: 0.0129123	H23f: 0.000561402
	H25: -0.167992	H25f: -0.00671966
	H27: -0.321591	H27f: -0.0119108
	H29: 0.033464	H29f: 0.00115393

c1sd = 1.7762
c1ed = -0.2182
c2sd = 0.457
c2ed = 0.8159
c3sd = 0.5319
c3ed = 1.211
c4sd = -0.4184
c4ed = 0.0
varx = 7.6518%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 50/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.06268e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.4125	end: 13.1666	delta: 2.7541
P2 start: 33.883	end: 41.7398	delta: 7.8568
P3 start: 57.8802	end: 69.6197	delta: 11.7394
P4 start: 83.3712	end: 90.0	delta: 6.6288

H3: 1.01188e-07	H13: 0.838136	H13f: 0.064472
H5: -1.21426e-07	H15: -0.575811	H15f: -0.0383874
H7: 2.16831e-08	H17: -0.15252	H17f: -0.00897175
H9: 1.01188e-07	H19: -0.0102738	H19f: -0.000540729
H11: -8.27902e-08	H21: 0.0031043	H21f: 0.000147824
	H23: 0.0136594	H23f: 0.000593886
	H25: -0.173343	H25f: -0.00693372
	H27: -0.300868	H27f: -0.0111433
	H29: 0.0144582	H29f: 0.00049856

c1sd = 1.7386
c1ed = -0.2156
c2sd = 0.3652
c2ed = 0.8575
c3sd = 0.4019
c3ed = 1.2979
c4sd = -0.5468
c4ed = 0.0
varx = 7.5569%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 51/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.14511e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.3763	end: 13.18	delta: 2.8037
P2 start: 33.784	end: 41.7889	delta: 8.0049
P3 start: 57.7384	end: 69.7176	delta: 11.9792
P4 start: 83.2295	end: 90.0	delta: 6.7705

H3: 9.92039e-08	H13: 0.83016	H13f: 0.0638585
H5: -1.48806e-07	H15: -0.561838	H15f: -0.0374559
H7: 2.1258e-08	H17: -0.157197	H17f: -0.00924687
H9: 1.15738e-07	H19: -0.0113849	H19f: -0.000599208
H11: 1.35278e-08	H21: 0.00294697	H21f: 0.000140332
	H23: 0.0144047	H23f: 0.000626293
	H25: -0.178645	H25f: -0.00714582
	H27: -0.280297	H27f: -0.0103814
	H29: -0.00350298	H29f: -0.000120792

c1sd = 1.7466
c1ed = -0.3608
c2sd = 0.4247
c2ed = 0.7481
c3sd = 0.4936
c3ed = 1.1624
c4sd = -0.4266
c4ed = 0.0
varx = 7.4608%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 52/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.47321e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.4585	end: 13.3069	delta: 2.8484
P2 start: 33.7162	end: 41.8654	delta: 8.1492
P3 start: 57.6098	end: 69.8241	delta: 12.2143
P4 start: 83.0899	end: 90.0	delta: 6.9101

H3: 0.0	H13: 0.817379	H13f: 0.0628753
H5: -1.45944e-07	H15: -0.553902	H15f: -0.0369268
H7: -4.16984e-08	H17: -0.164001	H17f: -0.00964711
H9: 1.29728e-07	H19: -0.0137354	H19f: -0.000722916
H11: 1.45944e-07	H21: 0.00163414	H21f: 7.78161e-05
	H23: 0.0138783	H23f: 0.000603404
	H25: -0.183272	H25f: -0.00733089
	H27: -0.254422	H27f: -0.00942305
	H29: -0.0118406	H29f: -0.000408296

c1sd = 1.8325
c1ed = -0.247
c2sd = 0.3701
c2ed = 0.8115
c3sd = 0.3843
c3ed = 1.2496
c4sd = -0.5445
c4ed = 0.0
varx = 7.3552%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 53/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.5854e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.4395	end: 13.3359	delta: 2.8965
P2 start: 33.621	end: 41.9164	delta: 8.2954
P3 start: 57.4682	end: 69.9219	delta: 12.4537
P4 start: 82.9472	end: 90.0	delta: 7.0528

H3: -1.43191e-07	H13: 0.808498	H13f: 0.0621922
H5: -1.71829e-07	H15: -0.540483	H15f: -0.0360322
H7: 1.02279e-07	H17: -0.16896	H17f: -0.00993881
H9: 1.59101e-08	H19: -0.0151369	H19f: -0.000796681
H11: 7.81039e-08	H21: 0.00128685	H21f: 6.12787e-05
	H23: 0.0145239	H23f: 0.000631472
	H25: -0.188318	H25f: -0.0075327
	H27: -0.233921	H27f: -0.00866374
	H29: -0.0270586	H29f: -0.000933055

c1sd = 1.8611
c1ed = -0.3888
c2sd = 0.4458
c2ed = 0.6916
c3sd = 0.4943
c3ed = 1.0959
c4sd = -0.405
c4ed = 0.0
varx = 7.256%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 54/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.18671e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.6122	end: 13.5501	delta: 2.938
P2 start: 33.5783	end: 42.0137	delta: 8.4354
P3 start: 57.3495	end: 70.0344	delta: 12.6849
P4 start: 82.8088	end: 90.0	delta: 7.1912

H3: 4.68463e-08	H13: 0.791921	H13f: 0.060917
H5: -1.40539e-07	H15: -0.536994	H15f: -0.0357996
H7: -1.40539e-07	H17: -0.177259	H17f: -0.010427
H9: 1.56154e-08	H19: -0.0181606	H19f: -0.000955821
H11: 7.66576e-08	H21: -0.000489263	H21f: -2.32982e-05
	H23: 0.0135372	H23f: 0.000588572
	H25: -0.191552	H25f: -0.00766206
	H27: -0.204483	H27f: -0.00757344
	H29: -0.0273832	H29f: -0.000944247

c1sd = 2.0494
c1ed = -0.2305
c2sd = 0.4589
c2ed = 0.7331
c3sd = 0.4578
c3ed = 1.1261
c4sd = -0.4512
c4ed = 0.0
varx = 7.1423%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 55/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.94944e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.5336	end: 13.5208	delta: 2.9871
P2 start: 33.4658	end: 42.0475	delta: 8.5817
P3 start: 57.1986	end: 70.126	delta: 12.9274
P4 start: 82.663	end: 90.0	delta: 7.337

H3: -4.59945e-08	H13: 0.785207	H13f: 0.0604006
H5: 1.37984e-07	H15: -0.520107	H15f: -0.0346738
H7: 1.97119e-08	H17: -0.181158	H17f: -0.0106564
H9: -1.22652e-07	H19: -0.0192358	H19f: -0.00101241
H11: 3.76319e-08	H21: -0.000458684	H21f: -2.18421e-05
	H23: 0.0147628	H23f: 0.000641859
	H25: -0.19695	H25f: -0.00787799
	H27: -0.188019	H27f: -0.00696365
	H29: -0.0454867	H29f: -0.00156851

c1sd = 1.9909
c1ed = -0.3318
c2sd = 0.4183
c2ed = 0.695
c3sd = 0.4128
c3ed = 1.1118
c4sd = -0.4782
c4ed = 0.0
varx = 7.0456%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 56/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.9446e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.5406	end: 13.5739	delta: 3.0333
P2 start: 33.3768	end: 42.1015	delta: 8.7247
P3 start: 57.0575	end: 70.2237	delta: 13.1662
P4 start: 82.5186	end: 90.0	delta: 7.4814

H3: -9.03464e-08	H13: 0.774988	H13f: 0.0596144
H5: 5.42079e-08	H15: -0.507579	H15f: -0.0338386
H7: 5.80798e-08	H17: -0.186491	H17f: -0.01097
H9: -9.03464e-08	H19: -0.0210126	H19f: -0.00110592
H11: 1.232e-07	H21: -0.00100574	H21f: -4.78925e-05
	H23: 0.0153629	H23f: 0.000667954
	H25: -0.201367	H25f: -0.00805469
	H27: -0.167838	H27f: -0.00621622
	H29: -0.0564602	H29f: -0.0019469

c1sd = 2.0128
c1ed = -0.3323
c2sd = 0.383
c2ed = 0.6953
c3sd = 0.3507
c3ed = 1.1304
c4sd = -0.5339
c4ed = 0.0
varx = 6.9421%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 57/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.86441e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.5891	end: 13.667	delta: 3.0779
P2 start: 33.2992	end: 42.1648	delta: 8.8656
P3 start: 56.9207	end: 70.3239	delta: 13.4032
P4 start: 82.3745	end: 90.0	delta: 7.6255

H3: 0.0	H13: 0.763045	H13f: 0.0586958
H5: -7.98853e-08	H15: -0.497089	H15f: -0.0331393
H7: -7.60812e-08	H17: -0.192509	H17f: -0.0113241
H9: 1.03555e-07	H19: -0.0231229	H19f: -0.00121699
H11: 1.08934e-07	H21: -0.00178344	H21f: -8.49259e-05
	H23: 0.015739	H23f: 0.000684305
	H25: -0.205122	H25f: -0.00820487
	H27: -0.146225	H27f: -0.00541576
	H29: -0.0636718	H29f: -0.00219558

c1sd = 2.0866
c1ed = -0.33
c2sd = 0.3962
c2ed = 0.6678
c3sd = 0.3475
c3ed = 1.097
c4sd = -0.5281
c4ed = 0.0
varx = 6.8349%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 58/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.79252e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.8444	end: 13.9625	delta: 3.1181
P2 start: 33.2822	end: 42.2813	delta: 8.9991
P3 start: 56.8107	end: 70.4405	delta: 13.6298
P4 start: 82.2359	end: 90.0	delta: 7.7641

H3: -1.74462e-07	H13: 0.742839	H13f: 0.0571414
H5: -2.61693e-08	H15: -0.497424	H15f: -0.0331616
H7: -9.34618e-08	H17: -0.201866	H17f: -0.0118745
H9: -4.36155e-08	H19: -0.0261703	H19f: -0.00137738
H11: 1.90322e-07	H21: -0.00310827	H21f: -0.000148013
	H23: 0.0153404	H23f: 0.000666974
	H25: -0.20533	H25f: -0.00821318
	H27: -0.114774	H27f: -0.00425091
	H29: -0.0556478	H29f: -0.00191889

c1sd = 2.3648
c1ed = -0.117
c2sd = 0.4616
c2ed = 0.7018
c3sd = 0.3591
c3ed = 1.0922
c4sd = -0.5304
c4ed = 0.0
varx = 6.7126%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 59/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.81943e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.8402	end: 14.0039	delta: 3.1637
P2 start: 33.1894	end: 42.3289	delta: 9.1395
P3 start: 56.6653	end: 70.5347	delta: 13.8694
P4 start: 82.0886	end: 90.0	delta: 7.9114

H3: -8.57525e-08	H13: 0.732827	H13f: 0.0563713
H5: -1.02903e-07	H15: -0.483866	H15f: -0.0322578
H7: 1.10253e-07	H17: -0.206901	H17f: -0.0121707
H9: 2.85842e-08	H19: -0.0279834	H19f: -0.00147281
H11: 4.67741e-08	H21: -0.00351277	H21f: -0.000167275
	H23: 0.0162955	H23f: 0.0007085
	H25: -0.209226	H25f: -0.00836902
	H27: -0.0971045	H27f: -0.00359646
	H29: -0.0651604	H29f: -0.00224691

c1sd = 2.4206
c1ed = -0.2908
c2sd = 0.584
c2ed = 0.5342
c3sd = 0.5305
c3ed = 0.8695
c4sd = -0.3223
c4ed = 0.0
varx = 6.6079%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 60/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.06559e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.87	end: 14.0784	delta: 3.2084
P2 start: 33.1065	end: 42.3844	delta: 9.2779
P3 start: 56.5235	end: 70.6308	delta: 14.1073
P4 start: 81.9414	end: 90.0	delta: 8.0586

H3: 4.21617e-08	H13: 0.721369	H13f: 0.0554899
H5: 1.51782e-07	H15: -0.471988	H15f: -0.0314659
H7: 1.08416e-07	H17: -0.212411	H17f: -0.0124948
H9: -9.83772e-08	H19: -0.0299552	H19f: -0.00157659
H11: 2.18474e-07	H21: -0.00396147	H21f: -0.000188642
	H23: 0.0172295	H23f: 0.000749107
	H25: -0.212324	H25f: -0.00849298
	H27: -0.07835	H27f: -0.00290185
	H29: -0.0714444	H29f: -0.0024636

c1sd = 2.4736
c1ed = -0.2991
c2sd = 0.584
c2ed = 0.5068
c3sd = 0.5107
c3ed = 0.8435
c4sd = -0.3326
c4ed = 0.0
varx = 6.5003%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 61/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.84498e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.0879	end: 14.3396	delta: 3.2517
P2 start: 33.0821	end: 42.4909	delta: 9.4088
P3 start: 56.4078	end: 70.7425	delta: 14.3346
P4 start: 81.7995	end: 90.0	delta: 8.2005

H3: -4.14705e-08	H13: 0.702312	H13f: 0.054024
H5: 2.48823e-08	H15: -0.470061	H15f: -0.0313374
H7: -1.42185e-07	H17: -0.220653	H17f: -0.0129796
H9: 8.2941e-08	H19: -0.0320951	H19f: -0.00168922
H11: 6.78608e-08	H21: -0.00411445	H21f: -0.000195926
	H23: 0.0182129	H23f: 0.000791864
	H25: -0.211097	H25f: -0.00844386
	H27: -0.0504721	H27f: -0.00186934
	H29: -0.0643709	H29f: -0.00221969

c1sd = 2.7117
c1ed = -0.1107
c2sd = 0.6324
c2ed = 0.5405
c3sd = 0.5022
c3ed = 0.8481
c4sd = -0.3543
c4ed = 0.0
varx = 6.3789%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 62/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.87278e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 10.8761	end: 14.1735	delta: 3.2974
P2 start: 32.9233	end: 42.4764	delta: 9.5531
P3 start: 56.2287	end: 70.8151	delta: 14.5864
P4 start: 81.6417	end: 90.0	delta: 8.3583

H3: 4.08016e-08	H13: 0.700297	H13f: 0.053869
H5: -1.22405e-07	H15: -0.444995	H15f: -0.0296663
H7: -1.04918e-07	H17: -0.222379	H17f: -0.0130811
H9: 5.44021e-08	H19: -0.0339494	H19f: -0.00178681
H11: 6.67663e-08	H21: -0.00485434	H21f: -0.000231159
	H23: 0.0194221	H23f: 0.000844438
	H25: -0.219001	H25f: -0.00876004
	H27: -0.0456919	H27f: -0.00169229
	H29: -0.0849359	H29f: -0.00292882

c1sd = 2.5278
c1ed = -0.377
c2sd = 0.5737
c2ed = 0.426
c3sd = 0.4705
c3ed = 0.7733
c4sd = -0.3467
c4ed = 0.0
varx = 6.2873%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 63/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.14567e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.1818	end: 14.5226	delta: 3.3408
P2 start: 32.9276	end: 42.606	delta: 9.6784
P3 start: 56.1246	end: 70.9327	delta: 14.8081
P4 start: 81.5011	end: 90.0	delta: 8.4989

H3: -1.20462e-07	H13: 0.677662	H13f: 0.0521278
H5: 1.44554e-07	H15: -0.447547	H15f: -0.0298365
H7: -3.44177e-08	H17: -0.231774	H17f: -0.0136338
H9: -8.03079e-08	H19: -0.035949	H19f: -0.00189205
H11: 5.47554e-08	H21: -0.00447843	H21f: -0.000213259
	H23: 0.0208732	H23f: 0.000907529
	H25: -0.21488	H25f: -0.00859521
	H27: -0.0148245	H27f: -0.000549055
	H29: -0.0710154	H29f: -0.00244881

c1sd = 2.8545
c1ed = -0.1029
c2sd = 0.6531
c2ed = 0.4805
c3sd = 0.477
c3ed = 0.7803
c4sd = -0.3633
c4ed = 0.0
varx = 6.1591%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 64/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	9.5267e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.0848	end: 14.4692	delta: 3.3843
P2 start: 32.803	end: 42.6196	delta: 9.8166
P3 start: 55.9591	end: 71.0128	delta: 15.0537
P4 start: 81.3445	end: 90.0	delta: 8.6555

H3: -7.90531e-08	H13: 0.670955	H13f: 0.051612
H5: 0.0	H15: -0.428367	H15f: -0.0285578
H7: 3.38799e-08	H17: -0.235181	H17f: -0.0138342
H9: -3.95266e-08	H19: -0.0382217	H19f: -0.00201167
H11: 1.078e-08	H21: -0.00529147	H21f: -0.000251975
	H23: 0.0219942	H23f: 0.000956269
	H25: -0.220116	H25f: -0.00880465
	H27: -0.00569568	H27f: -0.000210951
	H29: -0.0820305	H29f: -0.00282864

c1sd = 2.7697
c1ed = -0.2001
c2sd = 0.5723
c2ed = 0.4504
c3sd = 0.3758
c3ed = 0.796
c4sd = -0.4477
c4ed = 0.0
varx = 6.0587%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 65/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.49948e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.1322	end: 14.5601	delta: 3.4279
P2 start: 32.7249	end: 42.6733	delta: 9.9484
P3 start: 55.8142	end: 71.1047	delta: 15.2905
P4 start: 81.1919	end: 90.0	delta: 8.8081

H3: -3.89185e-08	H13: 0.658419	H13f: 0.0506476
H5: -9.34043e-08	H15: -0.416845	H15f: -0.0277897
H7: -3.33587e-08	H17: -0.240557	H17f: -0.0141504
H9: -7.78369e-08	H19: -0.0403307	H19f: -0.00212267
H11: 2.12282e-07	H21: -0.00551666	H21f: -0.000262698
	H23: 0.0234883	H23f: 0.00102123
	H25: -0.221489	H25f: -0.00885956
	H27: 0.0101985	H27f: 0.000377721
	H29: -0.0830534	H29f: -0.00286391

c1sd = 2.8448
c1ed = -0.2089
c2sd = 0.5939
c2ed = 0.4043
c3sd = 0.3777
c3ed = 0.7411
c4sd = -0.4356
c4ed = 0.0
varx = 5.9478%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 66/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.435601
Distortion 2H-12H:	7.60686e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.2416	end: 14.7137	delta: 3.4721
P2 start: 32.6675	end: 42.744	delta: 10.0765
P3 start: 55.6779	end: 71.201	delta: 15.5231
P4 start: 81.0404	end: 90.0	delta: 8.9596

H3: 0.0	H13: 0.643366	H13f: 0.0494897
H5: 0.0	H15: -0.408573	H15f: -0.0272382
H7: 6.57065e-08	H17: -0.246712	H17f: -0.0145125
H9: 3.83288e-08	H19: -0.0422552	H19f: -0.00222396
H11: 0.0	H21: -0.00530764	H21f: -0.000252745
	H23: 0.0253366	H23f: 0.00110159
	H25: -0.220834	H25f: -0.00883335
	H27: 0.0284958	H27f: 0.0010554
	H29: -0.0796013	H29f: -0.00274487

c1sd = 2.9916
c1ed = -0.1893
c2sd = 0.6705
c2ed = 0.341
c3sd = 0.4388
c3ed = 0.6402
c4sd = -0.3657
c4ed = 0.0
varx = 5.8325%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 67/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.51527e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.2319	end: 14.7465	delta: 3.5147
P2 start: 32.57	end: 42.7776	delta: 10.2076
P3 start: 55.5214	end: 71.2847	delta: 15.7633
P4 start: 80.8825	end: 90.0	delta: 9.1175

H3: -3.77567e-08	H13: 0.632941	H13f: 0.0486877
H5: 4.53081e-08	H15: -0.393776	H15f: -0.0262517
H7: -8.09072e-08	H17: -0.251082	H17f: -0.0147695
H9: 1.1327e-07	H19: -0.044611	H19f: -0.00234795
H11: -1.02973e-08	H21: -0.00582425	H21f: -0.000277345
	H23: 0.0268404	H23f: 0.00116697
	H25: -0.22321	H25f: -0.00892842
	H27: 0.0397633	H27f: 0.00147271
	H29: -0.0823328	H29f: -0.00283906

c1sd = 3.0001
c1ed = -0.2221
c2sd = 0.6387
c2ed = 0.309
c3sd = 0.3789
c3ed = 0.6272
c4sd = -0.4152
c4ed = 0.0
varx = 5.7252%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 68/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.31568e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.3551	end: 14.9144	delta: 3.5593
P2 start: 32.5179	end: 42.85	delta: 10.3321
P3 start: 55.3852	end: 71.3795	delta: 15.9943
P4 start: 80.7286	end: 90.0	delta: 9.2714

H3: 0.0	H13: 0.617224	H13f: 0.0474788
H5: 4.46418e-08	H15: -0.386078	H15f: -0.0257385
H7: 9.56609e-08	H17: -0.257187	H17f: -0.0151287
H9: -4.9602e-08	H19: -0.0463999	H19f: -0.0024421
H11: 6.08751e-08	H21: -0.00528558	H21f: -0.000251694
	H23: 0.0291024	H23f: 0.00126532
	H25: -0.221383	H25f: -0.00885533
	H27: 0.0570658	H27f: 0.00211355
	H29: -0.0767093	H29f: -0.00264515

c1sd = 3.1367
c1ed = -0.1019
c2sd = 0.6342
c2ed = 0.3337
c3sd = 0.3129
c3ed = 0.6518
c4sd = -0.4903
c4ed = 0.0
varx = 5.6085%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 69/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.01783e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.2651	end: 14.8644	delta: 3.5993
P2 start: 32.3915	end: 42.8549	delta: 10.4633
P3 start: 55.2119	end: 71.4519	delta: 16.24
P4 start: 80.5634	end: 90.0	delta: 9.4366

H3: -7.33246e-08	H13: 0.609775	H13f: 0.0469058
H5: 2.19974e-08	H15: -0.366749	H15f: -0.02445
H7: -6.28497e-08	H17: -0.260225	H17f: -0.0153074
H9: 1.22208e-08	H19: -0.0493516	H19f: -0.00259745
H11: 1.99976e-08	H21: -0.00657682	H21f: -0.000313182
	H23: 0.0302749	H23f: 0.0013163
	H25: -0.225733	H25f: -0.00902933
	H27: 0.0624695	H27f: 0.00231369
	H29: -0.0819412	H29f: -0.00282556

c1sd = 3.0904
c1ed = -0.3089
c2sd = 0.6649
c2ed = 0.1815
c3sd = 0.3708
c3ed = 0.4929
c4sd = -0.3962
c4ed = 0.0
varx = 5.5066%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 70/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.24927e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.5888	end: 15.2391	delta: 3.6503
P2 start: 32.4121	end: 42.9886	delta: 10.5764
P3 start: 55.1081	end: 71.5634	delta: 16.4552
P4 start: 80.4155	end: 90.0	delta: 9.5845

H3: 3.61386e-08	H13: 0.58609	H13f: 0.0450838
H5: -8.67326e-08	H15: -0.369796	H15f: -0.0246531
H7: 0.0	H17: -0.268668	H17f: -0.015804
H9: 7.22771e-08	H19: -0.0495666	H19f: -0.00260877
H11: 3.94239e-08	H21: -0.0035981	H21f: -0.000171338
	H23: 0.0343634	H23f: 0.00149406
	H25: -0.216596	H25f: -0.00866385
	H27: 0.088352	H27f: 0.0032723
	H29: -0.0646815	H29f: -0.0022304

c1sd = 3.4349
c1ed = -0.0089
c2sd = 0.7601
c2ed = 0.2406
c3sd = 0.377
c3ed = 0.4945
c4sd = -0.4208
c4ed = 0.0
varx = 5.376%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 71/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.5041
Distortion 2H-12H:	2.06026e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.3939	end: 15.079	delta: 3.6851
P2 start: 32.2454	end: 42.9542	delta: 10.7088
P3 start: 54.912	end: 71.6206	delta: 16.7086
P4 start: 80.2406	end: 90.0	delta: 9.7594

H3: -7.12591e-08	H13: 0.582655	H13f: 0.0448196
H5: 6.41332e-08	H15: -0.344552	H15f: -0.0229701
H7: -4.58094e-08	H17: -0.270254	H17f: -0.0158973
H9: 2.3753e-08	H19: -0.0537837	H19f: -0.00283072
H11: 1.74909e-07	H21: -0.00644766	H21f: -0.000307031
	H23: 0.0346336	H23f: 0.00150581
	H25: -0.224126	H25f: -0.00896506
	H27: 0.0864882	H27f: 0.00320327
	H29: -0.0730984	H29f: -0.00252064

c1sd = 3.2783
c1ed = -0.3065
c2sd = 0.7309
c2ed = 0.0687
c3sd = 0.3833
c3ed = 0.3493
c4sd = -0.3685
c4ed = 0.0
varx = 5.2812%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 72/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	5.31198e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.6338	end: 15.3689	delta: 3.735
P2 start: 32.2378	end: 43.0593	delta: 10.8215
P3 start: 54.7918	end: 71.7201	delta: 16.9283
P4 start: 80.085	end: 90.0	delta: 9.915

H3: 0.0	H13: 0.562204	H13f: 0.0432465
H5: -4.21617e-08	H15: -0.342918	H15f: -0.0228612
H7: -3.01155e-08	H17: -0.277314	H17f: -0.0163126
H9: -1.17116e-08	H19: -0.0543619	H19f: -0.00286115
H11: 0.0	H21: -0.00394112	H21f: -0.000187672
	H23: 0.0385965	H23f: 0.00167811
	H25: -0.216717	H25f: -0.00866869
	H27: 0.106123	H27f: 0.00393048
	H29: -0.0593588	H29f: -0.00204685

c1sd = 3.5356
c1ed = -0.0788
c2sd = 0.7855
c2ed = 0.1116
c3sd = 0.3547
c3ed = 0.3572
c4sd = -0.4215
c4ed = 0.0
varx = 5.1565%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 73/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	9.47263e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.5637	end: 15.3363	delta: 3.7725
P2 start: 32.1148	end: 43.0599	delta: 10.9451
P3 start: 54.6134	end: 71.7849	delta: 17.1715
P4 start: 79.911	end: 90.0	delta: 10.089

H3: 6.93068e-08	H13: 0.553745	H13f: 0.0425958
H5: 4.15841e-08	H15: -0.324298	H15f: -0.0216199
H7: -2.97029e-08	H17: -0.28027	H17f: -0.0164864
H9: -3.46534e-08	H19: -0.0578511	H19f: -0.00304479
H11: 1.89019e-08	H21: -0.0055186	H21f: -0.000262791
	H23: 0.039899	H23f: 0.00173474
	H25: -0.219626	H25f: -0.00878504
	H27: 0.108864	H27f: 0.00403201
	H29: -0.0595493	H29f: -0.00205343

c1sd = 3.4935
c1ed = -0.2119
c2sd = 0.7629
c2ed = 0.0118
c3sd = 0.3242
c3ed = 0.2741
c4sd = -0.4295
c4ed = 0.0
varx = 5.0533%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 74/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.1064e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.7891	end: 15.6133	delta: 3.8243
P2 start: 32.1048	end: 43.159	delta: 11.0541
P3 start: 54.489	end: 71.8788	delta: 17.3898
P4 start: 79.7503	end: 90.0	delta: 10.2497

H3: 1.02555e-07	H13: 0.533761	H13f: 0.0410585
H5: -2.05111e-08	H15: -0.321796	H15f: -0.021453
H7: 0.0	H17: -0.2867	H17f: -0.0168647
H9: -9.11604e-08	H19: -0.0580966	H19f: -0.00305771
H11: 1.58495e-07	H21: -0.00256298	H21f: -0.000122047
	H23: 0.0443428	H23f: 0.00192795
	H25: -0.211591	H25f: -0.00846365
	H27: 0.125787	H27f: 0.00465879
	H29: -0.0460245	H29f: -0.00158705

c1sd =	3.7392
c1ed =	-0.0078
c2sd =	0.826
c2ed =	0.0378
c3sd =	0.3073
c3ed =	0.2605
c4sd =	-0.4696
c4ed =	0.0
varx = 4.93%.	

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 75/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	6.54638e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.6287	end: 15.4839	delta: 3.8553
P2 start: 31.9445	end: 43.1223	delta: 11.1778
P3 start: 54.2881	end: 71.9277	delta: 17.6396
P4 start: 79.5649	end: 90.0	delta: 10.4351

H3: 3.37293e-08	H13: 0.528637	H13f: 0.0406643
H5: 0.0	H15: -0.298066	H15f: -0.0198711
H7: 4.33663e-08	H17: -0.288301	H17f: -0.0169589
H9: -2.24862e-08	H19: -0.0630091	H19f: -0.00331627
H11: -2.75967e-08	H21: -0.00589024	H21f: -0.000280488
	H23: 0.0446527	H23f: 0.00194142
	H25: -0.217297	H25f: -0.00869188
	H27: 0.122028	H27f: 0.00451956
	H29: -0.0479754	H29f: -0.00165432

c1sd = 3.5997
c1ed = -0.2124
c2sd = 0.7408
c2ed = -0.0741
c3sd = 0.2171
c3ed = 0.1987
c4sd = -0.5308
c4ed = 0.0
varx = 4.8333%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 76/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	6.0563e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.7597	end: 15.6617	delta: 3.902
P2 start: 31.8978	end: 43.1842	delta: 11.2864
P3 start: 54.1416	end: 72.0052	delta: 17.8636
P4 start: 79.3928	end: 90.0	delta: 10.6072

H3: -3.32855e-08	H13: 0.512259	H13f: 0.0394046
H5: -1.99713e-08	H15: -0.290252	H15f: -0.0193501
H7: 4.27957e-08	H17: -0.293347	H17f: -0.0172557
H9: 0.0	H19: -0.0644576	H19f: -0.00339251
H11: 1.81557e-08	H21: -0.00439276	H21f: -0.000209179
	H23: 0.0482772	H23f: 0.00209901
	H25: -0.211959	H25f: -0.00847838
	H27: 0.132131	H27f: 0.00489373
	H29: -0.0372099	H29f: -0.0012831

c1sd = 3.7572
c1ed = -0.1295
c2sd = 0.789
c2ed = -0.1069
c3sd = 0.2102
c3ed = 0.1365
c4sd = -0.5463
c4ed = 0.0
varx = 4.7169%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 77/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.21082e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.8382	end: 15.7843	delta: 3.9462
P2 start: 31.8309	end: 43.2259	delta: 11.3949
P3 start: 53.983	end: 72.0735	delta: 18.0906
P4 start: 79.2141	end: 90.0	delta: 10.7859

H3: 0.0	H13: 0.497831	H13f: 0.0382947
H5: 1.97119e-08	H15: -0.279512	H15f: -0.0186341
H7: -2.81599e-08	H17: -0.29754	H17f: -0.0175023
H9: 4.38043e-08	H19: -0.0664983	H19f: -0.00349991
H11: -1.0752e-07	H21: -0.00366869	H21f: -0.0001747
	H23: 0.0514633	H23f: 0.00223754
	H25: -0.208114	H25f: -0.00832458
	H27: 0.13855	H27f: 0.00513147
	H29: -0.0280729	H29f: -0.000968031

c1sd = 3.8608
c1ed = -0.0971
c2sd = 0.8123
c2ed = -0.1555
c3sd = 0.1845
c3ed = 0.072
c4sd = -0.576
c4ed = 0.0
varx = 4.6044%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 78/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.0711e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 11.9998	end: 15.9969	delta: 3.9971
P2 start: 31.7993	end: 43.2964	delta: 11.4971
P3 start: 53.84	end: 72.1479	delta: 18.3079
P4 start: 79.0371	end: 90.0	delta: 10.9629

H3: -3.24321e-08	H13: 0.480187	H13f: 0.0369374
H5: 5.83777e-08	H15: -0.273321	H15f: -0.0182214
H7: -6.94973e-08	H17: -0.302479	H17f: -0.0177929
H9: 4.32427e-08	H19: -0.0671395	H19f: -0.00353366
H11: -1.76902e-08	H21: -0.00107037	H21f: -5.09702e-05
	H23: 0.0559438	H23f: 0.00243234
	H25: -0.200595	H25f: -0.0080238
	H27: 0.1481	H27f: 0.00548519
	H29: -0.0157761	H29f: -0.000544003

c1sd = 4.0489
c1ed = 0.0202
c2sd = 0.876
c2ed = -0.1803
c3sd = 0.1818
c3ed = 0.0062
c4sd = -0.5956
c4ed = 0.0
varx = 4.4866%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 79/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.21242e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.2387	end: 16.2961	delta: 4.0574
P2 start: 31.8045	end: 43.3973	delta: 11.5928
P3 start: 53.7139	end: 72.2286	delta: 18.5147
P4 start: 78.8619	end: 90.0	delta: 11.1381

H3: -3.20215e-08	H13: 0.459452	H13f: 0.0353425
H5: -1.92129e-08	H15: -0.271459	H15f: -0.0180972
H7: -5.4894e-08	H17: -0.307787	H17f: -0.0181051
H9: 1.92129e-07	H19: -0.0658287	H19f: -0.00346467
H11: 8.73314e-08	H21: 0.00388424	H21f: 0.000184964
	H23: 0.0619588	H23f: 0.00269386
	H25: -0.189382	H25f: -0.00757526
	H27: 0.160323	H27f: 0.00593788
	H29: -0.00158568	H29f: -5.46785e-05

c1sd = 4.318
c1ed = 0.2113
c2sd = 0.9893
c2ed = -0.1875
c3sd = 0.2148
c3ed = -0.0724
c4sd = -0.5922
c4ed = 0.0
varx = 4.3639%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 80/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	3.22796e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.1341	end: 16.2197	delta: 4.0857
P2 start: 31.6581	end: 43.3599	delta: 11.7017
P3 start: 53.5075	end: 72.2612	delta: 18.7537
P4 start: 78.6572	end: 90.0	delta: 11.3428

H3: -9.48637e-08	H13: 0.451989	H13f: 0.0347684
H5: 2.27673e-07	H15: -0.250342	H15f: -0.0166895
H7: -1.3552e-07	H17: -0.309662	H17f: -0.0182154
H9: 1.26485e-07	H19: -0.0713899	H19f: -0.00375736
H11: -9.48637e-08	H21: 0.00043776	H21f: 2.08457e-05
	H23: 0.0626644	H23f: 0.00272454
	H25: -0.191594	H25f: -0.00766376
	H27: 0.154544	H27f: 0.00572387
	H29: 0.00378081	H29f: 0.000130373

c1sd = 4.2225
c1ed = 0.1024
c2sd = 0.8755
c2ed = -0.2575
c3sd = 0.0564
c3ed = -0.0877
c4sd = -0.7867
c4ed = 0.0
varx = 4.2652%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 81/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.85712e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.0606	end: 16.1766	delta: 4.1161
P2 start: 31.5246	end: 43.3307	delta: 11.8062
P3 start: 53.3046	end: 72.2919	delta: 18.9873
P4 start: 78.4486	end: 90.0	delta: 11.5515

H3: -1.56154e-07	H13: 0.443095	H13f: 0.0340842
H5: 1.49908e-07	H15: -0.230926	H15f: -0.015395
H7: -4.0154e-08	H17: -0.311444	H17f: -0.0183202
H9: 1.56154e-07	H19: -0.0763613	H19f: -0.00401902
H11: -9.36926e-08	H21: -0.00233729	H21f: -0.0001113
	H23: 0.0638746	H23f: 0.00277716
	H25: -0.19206	H25f: -0.00768241
	H27: 0.149243	H27f: 0.00552751
	H29: 0.0107994	H29f: 0.000372394

c1sd = 4.1881
c1ed = -0.0811
c2sd = 0.8823
c2ed = -0.427
c3sd = 0.0602
c3ed = -0.2637
c4sd = -0.7645
c4ed = 0.0
varx = 4.1646%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 82/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.67881e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.1757	end: 16.3402	delta: 4.1645
P2 start: 31.4742	end: 43.3728	delta: 11.8985
P3 start: 53.1417	end: 72.3401	delta: 19.1984
P4 start: 78.2476	end: 90.0	delta: 11.7524

H3: -1.234e-07	H13: 0.427069	H13f: 0.0328515
H5: 5.553e-08	H15: -0.221945	H15f: -0.0147963
H7: -1.32214e-08	H17: -0.315123	H17f: -0.0185366
H9: 9.255e-08	H19: -0.0777577	H19f: -0.00409251
H11: 3.36546e-08	H21: -0.000432539	H21f: -2.05971e-05
	H23: 0.0681047	H23f: 0.00296107
	H25: -0.184561	H25f: -0.00738245
	H27: 0.152186	H27f: 0.00563652
	H29: 0.0231685	H29f: 0.000798913

c1sd = 4.3224
c1ed = 0.0132
c2sd = 0.9012
c2ed = -0.4542
c3sd = -0.0008
c3ed = -0.3174
c4sd = -0.8516
c4ed = 0.0
varx = 4.0519%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 83/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	4.8328e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.355	end: 16.5765	delta: 4.2216
P2 start: 31.4554	end: 43.4396	delta: 11.9842
P3 start: 52.9922	end: 72.3903	delta: 19.3981
P4 start: 78.0452	end: 90.0	delta: 11.9548

H3: 0.0	H13: 0.408591	H13f: 0.0314301
H5: 1.8287e-08	H15: -0.216533	H15f: -0.0144355
H7: 1.30621e-08	H17: -0.319196	H17f: -0.0187762
H9: 1.01594e-08	H19: -0.0775361	H19f: -0.00408085
H11: 4.15613e-08	H21: 0.00353422	H21f: 0.000168296
	H23: 0.0736051	H23f: 0.00320022
	H25: -0.173972	H25f: -0.00695886
	H27: 0.157079	H27f: 0.00581774
	H29: 0.0367698	H29f: 0.00126793

c1sd = 4.5355
c1ed = 0.1283
c2sd = 1.0036
c2ed = -0.5087
c3sd = 0.0283
c3ed = -0.4458
c4sd = -0.8545
c4ed = 0.0
varx = 3.9355%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 84/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	8.10117e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.4943	end: 16.7702	delta: 4.276
P2 start: 31.4201	end: 43.488	delta: 12.068
P3 start: 52.8311	end: 72.4278	delta: 19.5968
P4 start: 77.8322	end: 90.0	delta: 12.1678

H3: 6.0231e-08	H13: 0.391548	H13f: 0.0301191
H5: 0.0	H15: -0.208855	H15f: -0.0139237
H7: -5.16265e-08	H17: -0.32255	H17f: -0.0189735
H9: 0.0	H19: -0.0779359	H19f: -0.00410189
H11: 1.64266e-08	H21: 0.00672759	H21f: 0.000320361
	H23: 0.0785781	H23f: 0.00341644
	H25: -0.164483	H25f: -0.00657932
	H27: 0.158797	H27f: 0.00588135
	H29: 0.0493147	H29f: 0.00170051

c1sd = 4.6998
c1ed = 0.2327
c2sd = 1.0576
c2ed = -0.5495
c3sd = -0.0014
c3ed = -0.5397
c4sd = -0.9206
c4ed = 0.0
varx = 3.8223%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 85/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.54522e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.4464	end: 16.7519	delta: 4.3055
P2 start: 31.2925	end: 43.4493	delta: 12.1568
P3 start: 52.6172	end: 72.4288	delta: 19.8117
P4 start: 77.5926	end: 90.0	delta: 12.4074

H3: -2.97612e-08	H13: 0.381449	H13f: 0.0293422
H5: 1.42854e-07	H15: -0.190499	H15f: -0.0126999
H7: 0.0	H17: -0.323991	H17f: -0.0190583
H9: 1.48806e-07	H19: -0.0832525	H19f: -0.00438171
H11: -1.461e-07	H21: 0.00405331	H21f: 0.000193015
	H23: 0.0800434	H23f: 0.00348015
	H25: -0.161973	H25f: -0.00647891
	H27: 0.150532	H27f: 0.00557526
	H29: 0.0596653	H29f: 0.00205742

c1sd = 4.6788
c1ed = 0.1176
c2sd = 1.0268
c2ed = -0.685
c3sd = -0.0728
c3ed = -0.6812
c4sd = -1.001
c4ed = 0.0
varx = 3.7222%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 86/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.46703e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.6019	end: 16.9651	delta: 4.3632
P2 start: 31.2659	end: 43.4972	delta: 12.2313
P3 start: 52.453	end: 72.4486	delta: 19.9956
P4 start: 77.3612	end: 90.0	delta: 12.6388

H3: -5.88302e-08	H13: 0.363714	H13f: 0.027978
H5: 1.05894e-07	H15: -0.183581	H15f: -0.0122387
H7: -7.56389e-08	H17: -0.327083	H17f: -0.0192402
H9: -9.80504e-09	H19: -0.0832472	H19f: -0.00438143
H11: 3.20892e-08	H21: 0.00797886	H21f: 0.000379946
	H23: 0.0853771	H23f: 0.00371205
	H25: -0.150789	H25f: -0.00603157
	H27: 0.150667	H27f: 0.00558025
	H29: 0.0726731	H29f: 0.00250597

c1sd = 4.8585
c1ed = 0.2441
c2sd = 1.0868
c2ed = -0.7237
c3sd = -0.1094
c3ed = -0.789
c4sd = -1.0899
c4ed = 0.0
varx = 3.6093%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 87/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.84267e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.6336	end: 17.0367	delta: 4.4031
P2 start: 31.1762	end: 43.4833	delta: 12.3071
P3 start: 52.2505	end: 72.4368	delta: 20.1863
P4 start: 77.1048	end: 90.0	delta: 12.8952

H3: -2.9077e-08	H13: 0.350471	H13f: 0.0269593
H5: -1.57016e-07	H15: -0.169525	H15f: -0.0113017
H7: 8.7231e-08	H17: -0.328814	H17f: -0.019342
H9: -2.9077e-08	H19: -0.0867327	H19f: -0.00456488
H11: 0.0	H21: 0.0078171	H21f: 0.000372243
	H23: 0.0882476	H23f: 0.00383685
	H25: -0.143876	H25f: -0.00575503
	H27: 0.143832	H27f: 0.00532713
	H29: 0.0846439	H29f: 0.00291875

c1sd = 4.9143
c1ed = 0.2293
c2sd = 1.0836
c2ed = -0.8241
c3sd = -0.1846
c3ed = -0.9281
c4sd = -1.2041
c4ed = 0.0
varx = 3.5052%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 88/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.52107e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.7592	end: 17.2174	delta: 4.4582
P2 start: 31.1358	end: 43.5088	delta: 12.373
P3 start: 52.0697	end: 72.4245	delta: 20.3548
P4 start: 76.8432	end: 90.0	delta: 13.1568

H3: 5.74932e-08	H13: 0.333689	H13f: 0.0256684
H5: -1.7248e-08	H15: -0.160711	H15f: -0.0107141
H7: -1.1088e-07	H17: -0.331129	H17f: -0.0194782
H9: 5.74932e-08	H19: -0.0875009	H19f: -0.00460531
H11: -6.27198e-08	H21: 0.0110988	H21f: 0.000528514
	H23: 0.0929631	H23f: 0.00404187
	H25: -0.132679	H25f: -0.00530717
	H27: 0.14005	H27f: 0.00518704
	H29: 0.09719	H29f: 0.00335138

c1sd = 5.0532
c1ed = 0.3624
c2sd = 1.0908
c2ed = -0.8462
c3sd = -0.2952
c3ed = -1.0106
c4sd = -1.3873
c4ed = 0.0
varx = 3.3957%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 89/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.13872e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 12.858	end: 17.3677	delta: 4.5098
P2 start: 31.0815	end: 43.516	delta: 12.4345
P3 start: 51.876	end: 72.3899	delta: 20.5138
P4 start: 76.561	end: 90.0	delta: 13.439

H3: -8.52708e-08	H13: 0.317789	H13f: 0.0244453
H5: 5.11625e-08	H15: -0.150223	H15f: -0.0100149
H7: 2.43631e-08	H17: -0.332944	H17f: -0.0195849
H9: -4.73727e-08	H19: -0.0891058	H19f: -0.00468978
H11: 1.55038e-08	H21: 0.0135959	H21f: 0.000647425
	H23: 0.0970337	H23f: 0.00421886
	H25: -0.121838	H25f: -0.00487353
	H27: 0.133726	H27f: 0.00495282
	H29: 0.109445	H29f: 0.00377395

c1sd = 5.1948
c1ed = 0.3587
c2sd = 1.1905
c2ed = -0.993
c3sd = -0.2622
c3ed = -1.2719
c4sd = -1.4162
c4ed = 0.0
varx = 3.2885%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 90/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	2.47373e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.0028	end: 17.5741	delta: 4.5713
P2 start: 31.0542	end: 43.5415	delta: 12.4873
P3 start: 51.6912	end: 72.3417	delta: 20.6505
P4 start: 76.2632	end: 90.0	delta: 13.7368

H3: 2.81078e-08	H13: 0.30009	H13f: 0.0230838
H5: -1.68647e-07	H15: -0.142241	H15f: -0.00948277
H7: 1.68647e-07	H17: -0.334821	H17f: -0.0196954
H9: -3.7477e-08	H19: -0.0891203	H19f: -0.00469054
H11: 4.59945e-08	H21: 0.0182194	H21f: 0.00086759
	H23: 0.101968	H23f: 0.00443339
	H25: -0.108621	H25f: -0.00434485
	H27: 0.128003	H27f: 0.00474084
	H29: 0.121216	H29f: 0.00417985

c1sd = 5.3691
c1ed = 0.4592
c2sd = 1.269
c2ed = -1.0733
c3sd = -0.2912
c3ed = -1.476
c4sd = -1.54
c4ed = 0.0
varx = 3.1791%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 91/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.68065e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.1127	end: 17.7401	delta: 4.6273
P2 start: 31.0076	end: 43.5423	delta: 12.5346
P3 start: 51.4887	end: 72.2603	delta: 20.7716
P4 start: 75.9347	end: 90.0	delta: 14.0653

H3: 5.55978e-08	H13: 0.283509	H13f: 0.0218084
H5: -1.66793e-08	H15: -0.13202	H15f: -0.00880133
H7: -1.42966e-07	H17: -0.336135	H17f: -0.0197727
H9: 6.48641e-08	H19: -0.0904117	H19f: -0.00475851
H11: 1.5163e-08	H21: 0.0217352	H21f: 0.00103501
	H23: 0.105919	H23f: 0.00460517
	H25: -0.095881	H25f: -0.00383524
	H27: 0.11931	H27f: 0.00441889
	H29: 0.132648	H29f: 0.00457406

c1sd = 5.5235
c1ed = 0.466
c2sd = 1.3817
c2ed = -1.2318
c3sd = -0.2591
c3ed = -1.7918
c4sd = -1.6065
c4ed = 0.0
varx = 3.0725%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 92/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	7.02358e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.4402	end: 18.1772	delta: 4.7371
P2 start: 31.1011	end: 43.6655	delta: 12.5644
P3 start: 51.3589	end: 72.1922	delta: 20.8333
P4 start: 75.6077	end: 90.0	delta: 14.3923

H3: 1.09987e-07	H13: 0.258737	H13f: 0.0199028
H5: -5.60933e-07	H15: -0.134493	H15f: -0.00896621
H7: 3.29961e-07	H17: -0.33806	H17f: -0.0198859
H9: -2.38305e-07	H19: -0.0823271	H19f: -0.004333
H11: 2.99964e-08	H21: 0.0359012	H21f: 0.00170958
	H23: 0.114469	H23f: 0.0049769
	H25: -0.0755794	H25f: -0.00302318
	H27: 0.117366	H27f: 0.0043469
	H29: 0.139849	H29f: 0.00482239

c1sd = 5.9021
c1ed = 0.7194
c2sd = 1.6589
c2ed = -1.2924
c3sd = -0.1184
c3ed = -2.1304
c4sd = -1.6312
c4ed = 0.0
varx = 2.9529%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 93/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.30277e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.6621	end: 18.4916	delta: 4.8295
P2 start: 31.1372	end: 43.7273	delta: 12.5901
P3 start: 51.1885	end: 72.0639	delta: 20.8754
P4 start: 75.2272	end: 90.0	delta: 14.7728

H3: -5.44021e-08	H13: 0.237548	H13f: 0.0182729
H5: 1.63206e-08	H15: -0.130529	H15f: -0.00870196
H7: 0.0	H17: -0.338729	H17f: -0.0199253
H9: 5.44021e-08	H19: -0.0778849	H19f: -0.00409921
H11: 1.03859e-07	H21: 0.0463461	H21f: 0.00220696
	H23: 0.120131	H23f: 0.00522309
	H25: -0.0584714	H25f: -0.00233885
	H27: 0.109016	H27f: 0.00403761
	H29: 0.146354	H29f: 0.0050467

c1sd = 6.2035
c1ed = 0.7487
c2sd = 1.9801
c2ed = -1.5156
c3sd = 0.1309
c3ed = -2.6785
c4sd = -1.5427
c4ed = 0.0
varx = 2.8401%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 94/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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-12H:	1.2268e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.4861	end: 18.2987	delta: 4.8126
P2 start: 30.8962	end: 43.515	delta: 12.6188
P3 start: 50.8416	end: 71.7811	delta: 20.9395
P4 start: 74.7188	end: 90.0	delta: 15.2812

H3: 2.69117e-08	H13: 0.230764	H13f: 0.0177511
H5: -6.45881e-08	H15: -0.101813	H15f: -0.00678755
H7: 6.92015e-08	H17: -0.338222	H17f: -0.0198954
H9: -7.17645e-08	H19: -0.0938352	H19f: -0.0049387
H11: -1.46791e-08	H21: 0.0369388	H21f: 0.00175899
	H23: 0.11625	H23f: 0.00505433
	H25: -0.0504318	H25f: -0.00201727
	H27: 0.0855151	H27f: 0.00316722
	H29: 0.161648	H29f: 0.00557405

c1sd = 6.0705
c1ed = 0.4016
c2sd = 1.8933
c2ed = -1.8821
c3sd = 0.011
c3ed = -3.1883
c4sd = -1.7976
c4ed = 0.0
varx = 2.7514%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 95/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.949999
Actual Power:	0.902499
Distortion 2H-12H:	5.31621e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 14.0212	end: 19.0263	delta: 5.0051
P2 start: 31.1654	end: 43.7758	delta: 12.6104
P3 start: 50.7867	end: 71.6092	delta: 20.8225
P4 start: 74.279	end: 90.0	delta: 15.721

H3: 3.19541e-07	H13: 0.197305	H13f: 0.0151773
H5: -2.7161e-07	H15: -0.116113	H15f: -0.00774083
H7: 2.73892e-07	H17: -0.338227	H17f: -0.0198957
H9: -1.77523e-07	H19: -0.073043	H19f: -0.00384437
H11: 1.45246e-08	H21: 0.0659848	H21f: 0.00314213
	H23: 0.127255	H23f: 0.00553283
	H25: -0.0247945	H25f: -0.000991781
	H27: 0.0832529	H27f: 0.00308344
	H29: 0.155903	H29f: 0.00537598

c1sd = 6.6171
c1ed = 1.0879
c2sd = 2.2038
c2ed = -1.6626
c3sd = 0.0169
c3ed = -3.421
c4sd = -2.1694
c4ed = 0.0
varx = 2.6194%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 96/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.959999
Actual Power:	0.921597
Distortion 2H-12H:	2.79365e-05%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 14.0694	end: 19.1217	delta: 5.0522
P2 start: 31.0764	end: 43.6746	delta: 12.5982
P3 start: 50.4946	end: 71.2006	delta: 20.7061
P4 start: 73.6382	end: 90.0	delta: 16.3618

H3: 1.84458e-07	H13: 0.181324	H13f: 0.013948
H5: -4.74319e-08	H15: -0.0993256	H15f: -0.00662171
H7: 1.58106e-07	H17: -0.337424	H17f: -0.0198485
H9: -9.66206e-08	H19: -0.0799137	H19f: -0.00420598
H11: -8.62399e-08	H21: 0.0701294	H21f: 0.00333949
	H23: 0.126573	H23f: 0.00550319
	H25: -0.00831106	H25f: -0.000332442
	H27: 0.0642368	H27f: 0.00237914
	H29: 0.161994	H29f: 0.00558601

c1sd = 6.8111
c1ed = 0.6603
c2sd = 2.6377
c2ed = -2.2868
c3sd = 0.4948
c3ed = -4.5996
c4sd = -1.95
c4ed = 0.0
varx = 2.5147%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 97/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.969996
Actual Power:	0.940893
Distortion 2H-12H:	0.000144741%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.9911	end: 19.0417	delta: 5.0506
P2 start: 30.8729	end: 43.4331	delta: 12.5602
P3 start: 50.0989	end: 70.5911	delta: 20.4923
P4 start: 72.8128	end: 90.0	delta: 17.1872

H3: 5.99828e-07	H13: 0.168674	H13f: 0.012975
H5: -5.94612e-07	H15: -0.0728088	H15f: -0.00485392
H7: 9.16507e-07	H17: -0.335313	H17f: -0.0197243
H9: -6.51987e-07	H19: -0.0974519	H19f: -0.00512904
H11: -3.41404e-07	H21: 0.0681396	H21f: 0.00324474
	H23: 0.121621	H23f: 0.00528786
	H25: 0.00923532	H25f: 0.000369413
	H27: 0.041358	H27f: 0.00153178
	H29: 0.167721	H29f: 0.00578348

c1sd = 6.7886
c1ed = 0.3796
c2sd = 2.635
c2ed = -2.7291
c3sd = 0.3947
c3ed = -5.5047
c4sd = -2.4451
c4ed = 0.0
varx = 2.4103%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 98/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.979794
Actual Power:	0.959997
Distortion 2H-12H:	0.000370862%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 13.9955	end: 19.0659	delta: 5.0704
P2 start: 30.719	end: 43.1991	delta: 12.4801
P3 start: 49.6914	end: 69.7812	delta: 20.0899
P4 start: 71.7988	end: 90.0	delta: 18.2012

H3: 2.01386e-06	H13: 0.151273	H13f: 0.0116364
H5: -1.84345e-06	H15: -0.0495368	H15f: -0.00330245
H7: 1.61551e-06	H17: -0.330562	H17f: -0.0194448
H9: -1.43724e-06	H19: -0.114244	H19f: -0.00601283
H11: -1.2745e-06	H21: 0.0727214	H21f: 0.00346292
	H23: 0.116694	H23f: 0.00507363
	H25: 0.0301025	H25f: 0.0012041
	H27: 0.0222948	H27f: 0.000825735
	H29: 0.161758	H29f: 0.00557785

c1sd = 7.0006
c1ed = -0.3411
c2sd = 3.2261
c2ed = -3.7079
c3sd = 1.084
c3ed = -7.4114
c4sd = -2.2339
c4ed = 0.0
varx = 2.29%.

STEP-LOCKED MAGIC SINEWAVE — ANXC14 - 99/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.989762
Actual Power:	0.979629
Distortion 2H-12H:	0.000152036%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 14.4953	end: 19.778	delta: 5.2827
P2 start: 30.9773	end: 43.3095	delta: 12.3322
P3 start: 49.467	end: 68.758	delta: 19.291
P4 start: 70.5546	end: 90.0	delta: 19.4454

H3: 7.6676e-08	H13: 0.114216	H13f: 0.00878585
H5: -1.0888e-06	H15: -0.0546046	H15f: -0.00364031
H7: 1.31445e-07	H17: -0.323333	H17f: -0.0190196
H9: -8.09358e-07	H19: -0.104881	H19f: -0.00552006
H11: -6.69173e-07	H21: 0.112423	H21f: 0.00535348
	H23: 0.121985	H23f: 0.00530372
	H25: 0.052279	H25f: 0.00209116
	H27: 0.0158833	H27f: 0.000588269
	H29: 0.128026	H29f: 0.00441468

c1sd = 7.635
c1ed = -0.1116
c2sd = 3.9669
c2ed = -4.0801
c3sd = 1.5703
c3ed = -9.1452
c4sd = -2.6842
c4ed = 0.0
varx = 2.1265%.

STEP-LOCKED MAGIC SINEWAVE ANXC14 - 100/100

SUMMARY: This steplock-14 "constant amplitude increments" magic sinewave is not delta friendly. Harmonics 2 through 12 are virtually zero. The first major harmonics are the 13th and 15th. 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:	0.999398
Actual Power:	0.998796
Distortion 2H-12H:	7.38633e-06%
First strong harmonics:	13 and 15
Pulses per sine cycle:	14
Total switching events:	28
Delta Friendly:	No

P1 start: 14.7629	end: 20.1656	delta: 5.4026
P2 start: 31.0054	end: 43.0569	delta: 12.0515
P3 start: 48.9362	end: 67.0043	delta: 18.0681
P4 start: 68.6566	end: 90.0	delta: 21.3434

H3: 0.0	H13: 0.080447	H13f: 0.00618823
H5: 0.0	H15: -0.0398383	H15f: -0.00265589
H7: 2.16962e-08	H17: -0.305168	H17f: -0.0179511
H9: -6.74993e-08	H19: -0.124641	H19f: -0.00656008
H11: -2.071e-08	H21: 0.141052	H21f: 0.00671676
	H23: 0.127411	H23f: 0.00553959
	H25: 0.0638243	H25f: 0.00255297
	H27: 0.0149107	H27f: 0.000552248
	H29: 0.079763	H29f: 0.00275045

c1sd = 8.1727
c1ed = -0.6932
c2sd = 4.9642
c2ed = -5.3019
c3sd = 2.4664
c3ed = -12.326
c4sd = -2.988
c4ed = 0.0
varx = 1.9173%.