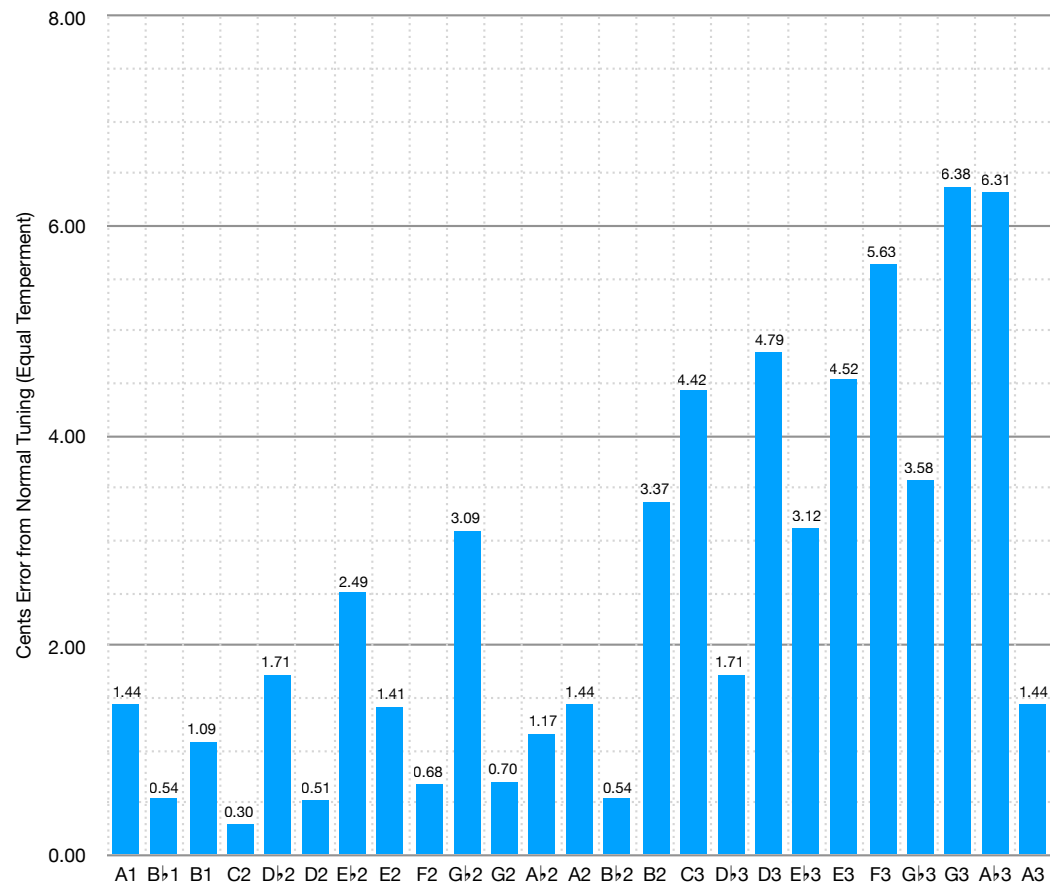


Single Cycle Waveform Tunings 48kHz Sample Rate

Note	Exact Frequency	Samples in one Cycle	Waveform Frequency	Cents Error
	tuned equal temperament	rounded to closest integer		
A1	110.00	436	110.09	1.44
B♭1	116.54	412	116.50	0.54
B1	123.47	389	123.39	1.09
C2	130.81	367	130.79	0.30
D♭2	138.59	346	138.73	1.71
D2	146.83	327	146.79	0.51
E♭2	155.56	309	155.34	2.49
E2	164.81	291	164.95	1.41
F2	174.61	275	174.55	0.68
G♭2	185.00	259	185.33	3.09
G2	196.00	245	195.92	0.70
A♭2	207.65	231	207.79	1.17
A2	220.00	218	220.18	1.44
B♭2	233.08	206	233.01	0.54
B2	246.94	194	247.42	3.37
C3	261.63	183	262.30	4.42
D♭3	277.18	173	277.46	1.71
D3	293.66	163	294.48	4.79
E♭3	311.13	154	311.69	3.12
E3	329.63	146	328.77	4.52
F3	349.23	137	350.36	5.63
G♭3	369.99	130	369.23	3.58
G3	392.00	122	393.44	6.38
A♭3	415.30	116	413.79	6.31
A3	440.00	109	440.37	1.44

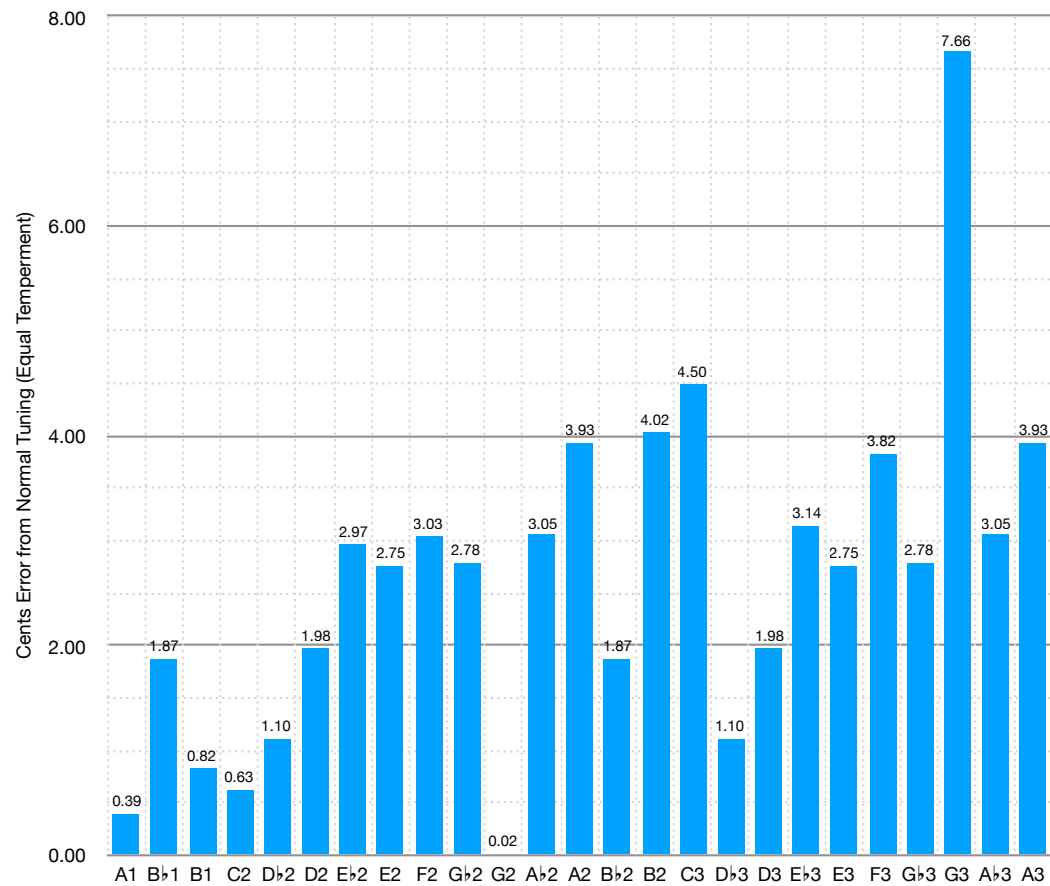


Constants

semitone	1.0594630943593
cent	1.00057778950655
A3 frequency	440
samplerate	48000

Single Cycle Waveform Tunings
44.1kHz Sample Rate

Note	Exact Frequency	Samples in one Cycle	Waveform Frequency	Cents Error
	tuned equal temperament	rounded to closest integer		
A1	110.00	401	109.98	0.39
B♭1	116.54	378	116.67	1.87
B1	123.47	357	123.53	0.82
C2	130.81	337	130.86	0.63
D♭2	138.59	318	138.68	1.10
D2	146.83	300	147.00	1.98
E♭2	155.56	283	155.83	2.97
E2	164.81	268	164.55	2.75
F2	174.61	253	174.31	3.03
G♭2	185.00	238	185.29	2.78
G2	196.00	225	196.00	0.02
A♭2	207.65	212	208.02	3.05
A2	220.00	200	220.50	3.93
B♭2	233.08	189	233.33	1.87
B2	246.94	179	246.37	4.02
C3	261.63	169	260.95	4.50
D♭3	277.18	159	277.36	1.10
D3	293.66	150	294.00	1.98
E♭3	311.13	142	310.56	3.14
E3	329.63	134	329.10	2.75
F3	349.23	126	350.00	3.82
G♭3	369.99	119	370.59	2.78
G3	392.00	113	390.27	7.66
A♭3	415.30	106	416.04	3.05
A3	440.00	100	441.00	3.93



Constants

semitone	1.0594630943593
cent	1.00057778950655
A3 frequency	440
samplerate	44100