

Voices				Piano	Frequency	Wavelength	
S	A	T	B				
					20,000 Hz	.06' (.68")	
					16,000 Hz	.07' (.84")	
					12,500 Hz	.09' (1.08")	
					10,000 Hz	.113' (1.36")	
				Overtone	8,000 Hz	.14' (1.7")	
					6,300 Hz	.18' (2.2")	
					5,000 Hz	.23' (2.7")	
				C4148	Highest Piano Note	4,000 Hz	.28' (3.36")
				B 3951			
				A 3520			
				G 3136		3,150 Hz	.39'
				F 2794	Telephone Range		
				E 2637		2,500 Hz	.46'
				D 2249			
				C 2093		2,000 Hz	.57'
				B 1976			
				A 1760			
				G 1568		1,600 Hz	.7' (8.4")
				F 1397			
				E 1319			
				D 1175		1,250 Hz	.9'
				C 1047			
				B 988		1,000 Hz	1.13'
				A 880			
				G 783		800 Hz	1.41'
				F 698			
				E 659	Guitar 12th. Fret	630 Hz	1.8'
				D 587			
				C 523			
				B 494		500 Hz	2.26'
				A 440	Concert Pitch	400 Hz	2.82'
				G 392			
				F 350			
				E 330	Guitar Top E	315 Hz	3.6'
				D 294	Telephone Range		
				C 262	Middle C		
				B 247		250 Hz	4.52'
				A 220			
				G 196		200 Hz	5.65'
				F 175			
				E 165		160 Hz	7.06'
				D 147			
				C 131			
				B 124		125 Hz	9.04'
				A 110			
				G 98		100 Hz	11.3'
				F 87			
				E 82	Guitar Bottom Note	80 Hz	14.13'
				D 73	Baritone Sax		
				C 65	Deep Bass Voice	63 Hz	18'
				B 62			
				A 55			
				G 49		50 Hz	22.6'
				F 44			
				E 41	Bass Guitar Bottom Note	40 Hz	28.25'
				D 37			
				C 33			
				B 31		31Hz	36.5'
				A 28	Piano Bottom Note	25Hz	
				C 16	Deepest Organ Note		72'

Vocal Range

Piano

1/3rd. Oct. EQ Wavelength