

**CEA Subwoofer SPL Measurements**

**XTZ SUB1X12 measured @ 2meters ground plane**

CEA Tone Burst Frequency (Hz)	SPL @ 2m	CEA 2010 SPL @ 1m	CEA 2010 Rating	
16	92.7	98.7	Avg 20-31.5Hz	Avg 20-80Hz
20	99.6	105.6	112.2 dB SPL@1m	116.9
25	105.7	111.7		
31.5	110.2	116.2		
			Avg 40-63Hz	
40	113.7	119.7	119.6 dB SPL@1m	
50	114.0	120.0		
63	113.1	119.1		
80	112.4	118.4		
100	112.2	118.2		

**XTZ SUB3X12 measured @ 2meters ground plane**

CEA Tone Burst Frequency (Hz)	SPL @ 2m	CEA 2010 SPL @ 1m	CEA 2010 Rating	
16	104.3	110.3	Avg 20-31.5Hz	Avg 20-80Hz
20	111.0	117.0	121.9 dB SPL@1m	126.5
25	115.3	121.3		
31.5	119.5	125.5		
			Avg 40-63Hz	
40	122.8	128.8	128.8 dB SPL@1m	
50	122.6	128.6		
63	123.1	129.1		
80	123.0	129.0		
100	123.6	129.6		