Validation

Applied SPL (dB)	Normalized Amplitude (dBFS)	Digital Ampltitude	Frequency (Hz)	Frequency Weighting (dB)	Read Level (dB)	Expected Level (dB)	Deviation (dB)	Type 2 Upper Tolerence (dB)	Type 2 ULower Tolerence (dB)	Pass/Fail
94	-25.999800098354700	420435.9997748640	10	-70.4	24.749004771692400	23.600000000000000	1.149004771692420	5.5	NA	PASS
94	-25.999800098354700	420435.9997748640	12.5	-63.4	31.401126555933400	30.6	0.8011265559333830	5.5	NA	PASS
94	-25.999800098354700	420435.9997748640	16	-56.7	38.19472718073490	37.3	0.8947271807349320	5.5	NA	PASS
94	-25.999800098354700	420435.9997748640	20	-50.5	43.95330678734090	43.5	0.4533067873409070	3.5	3.5	PASS
94	-25.999800098354700	420435.9997748640	25	-44.7	49.391030432425100	49.3	0.09103043242510720	3.5	3.5	PASS
94	-25.999800321609600	420435.9889683280	31.5	-39.4	54.68096419533190	54.6	0.08096419533185900	3.5	3.5	PASS
94	-25.999800098354700	420435.9997748640	40	-34.6	59.760825048745100	59.4	0.36082504874505600	2.5	2.5	PASS
94	-25.999800098354700	420435.9997748640	50	-30.2	64.12672139229200	63.8	0.3267213922919720	2.5	2.5	PASS
94	-25.999800321609600	420435.9889683280	63	-26.2	68.24368903525840	67.8	0.4436890352583590	2.5	2.5	PASS
94	-25.999800098354700	420435.9997748640	80	-22.5	72.07779718847580	71.5	0.5777971884758130	2.5	2.5	PASS
94	-25.999800098354700	420435.9997748640	100	-19.1	75.33821308564010	74.9	0.43821308564012900	2	2	PASS
94	-25.999800098354700	420435.9997748640	125	-16.1	78.31616413952050	77.9	0.4161641395205320	2	2	PASS
94	-25.999800098354700	420435.9997748640	160	-13.4	81.24725560932180	80.6	0.6472556093218320	2	2	PASS
94	-25.999800098354700	420435.9997748640	200	-10.9	83.6457024316284	83.1	0.5457024316283990	2	2	PASS
94	-25.999800098354700	420435.9997748640	250	-8.6	85.81225789795540	85.4	0.41225789795541300	1.9	1.9	PASS
94	-25.999800321609600	420435.9889683280	315	-6.6	87.83936689071980	87.4	0.4393668907198110	1.9	1.9	PASS
94	-25.999800098354700	420435.9997748640	400	-4.8	89.70726712132780	89.2	0.5072671213277570	1.9	1.9	PASS
94	-25.999800098354700	420435.9997748640	500	-3.2	91.23495040468670	90.8	0.4349504046866740	1.9	1.9	PASS
94	-25.999800321609600	420435.9889683280	630	-1.9	92.57751857334670	92.1	0.47751857334665700	1.9	1.9	PASS
94	-25.999800098354700	420435.9997748640	800	-0.8	93.69530985330630	93.2	0.49530985330633800	1.9	1.9	PASS
94	-25.999800098354700	420435.9997748640	1000	0	94.49401749545790	94	0.49401749545792500	1.4	1.4	PASS
94	-25.999800098354700	420435.9997748640	1250	0.6	95.07300942601700	94.6	0.473009426017029	1.9	1.9	PASS
94	-25.999800098354700	420435.9997748640	1600	1	95.4911343521392	95	0.4911343521391980	2.6	2.6	PASS
94	-25.999800098354700	420435.9997748640	2000	1.2	95.69840595759060	95.2	0.49840595759054900	2.6	2.6	PASS
94	-25.999800098354700	420435.9997748640	2500	1.3	95.76413476975460	95.3	0.4641347697546370	3.1	3.1	PASS
94	-25.999800321609600	420435.9889683280	3150	1.2	95.68861667909880	95.2	0.48861667909882600	3.1	3.1	PASS
94	-25.999800098354700	420435.9997748640	4000	1	95.44339249467260	95	0.4433924946726360	3.6	3.6	PASS
94	-25.999800098354700	420435.9997748640	5000	0.5	95.02938957719660	94.5	0.5293895771965820	4.1	4.1	PASS
94	-25.999800321609600	420435.98896832800	6300	-0.1	94.36225107903790	93.9	0.4622510790379120	5.1	5.1	PASS
94	-25.999800098354700	420435.9997748640	8000	-1.1	93.34875522158190	92.9	0.44875522158190500	5.6	5.6	PASS
94	-25.999800098354700	420435.9997748640	10000	-2.5	92.03035059742100	91.5	0.530350597420977	5.6	NA	PASS
94	-25.999800098354700	420435.9997748640	12500	-4.3	90.27229760699560	89.7	0.5722976069955620	6	NA	PASS
94	-25.999800098354700	420435.9997748640	16000	-6.6	87.73745461983700	87.4	0.3374546198370040	6	NA	PASS
94	-25.999800098354700	420435.9997748640	20000	-9.3	85.11660644696990	84.7	0.416606446969908	6	NA	PASS