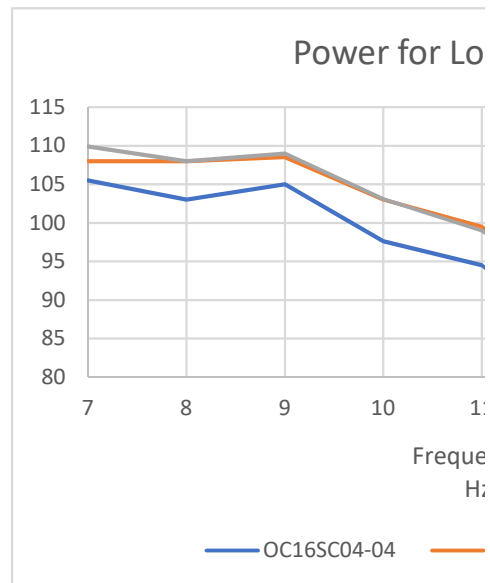


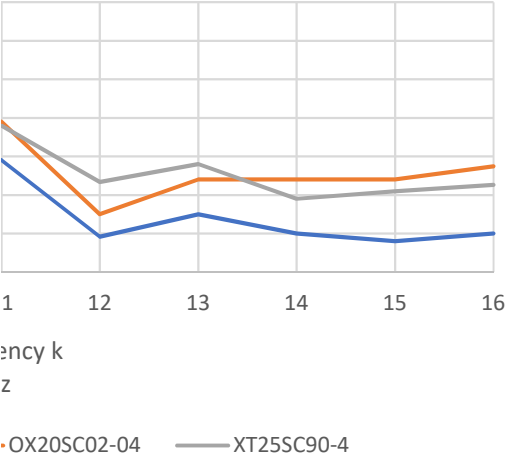
speaker	frequency (kHz)	dBA meter		dBA to Power
OC16SC04	7	105.5		188365
	8	103		141254
	9	105		177828
	10	97.6		75858
	11	94.5		53088
	12	84.6		16982
	13	87.5		23714
	14	85		17783
	15	84		15849
	16	85		17783
OX20SC02	7	108		251189
	8	108		251189
	9	108.5		266073
	10	103		141254
	11	99.5		94406
	12	87.5		23714
	13	92		39811
	14	92		39811
	15	92		39811
	16	93.7		48417
XT25SC90	7	109.9		312608
	8	108		251189
	9	109		281838
	10	103.1		142889
	11	99		89125
	12	91.7		38459
	13	94		50119
	14	89.5		29854
	15	90.5		33497
	16	91.3		36728

SPL(dB)=20



$10 \log(P/P_0)$
 $P_0 = 10^{-12} \text{ W/m}^2$
 $(SPL/20) = P$

Loudspeaker (dBA)



Power for Loudspeaker (rel. Power as DbA)

