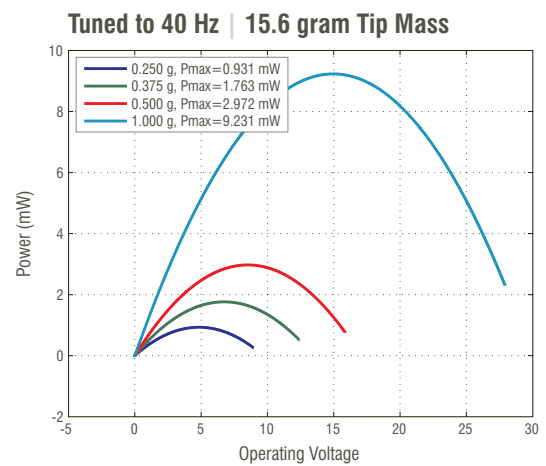
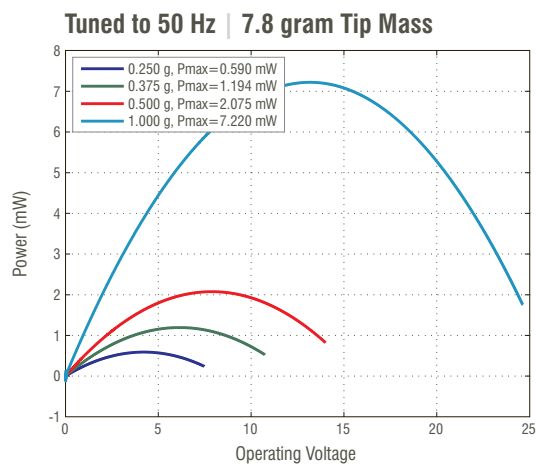
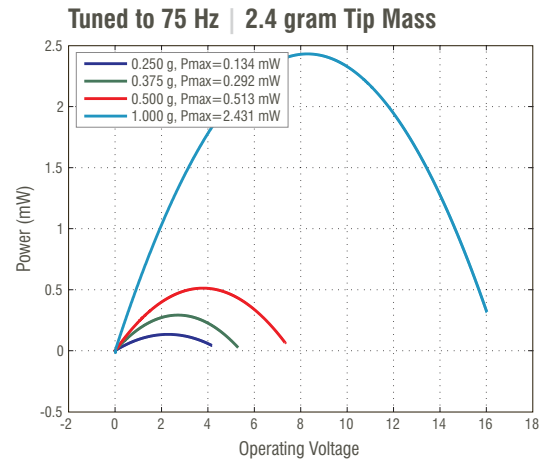
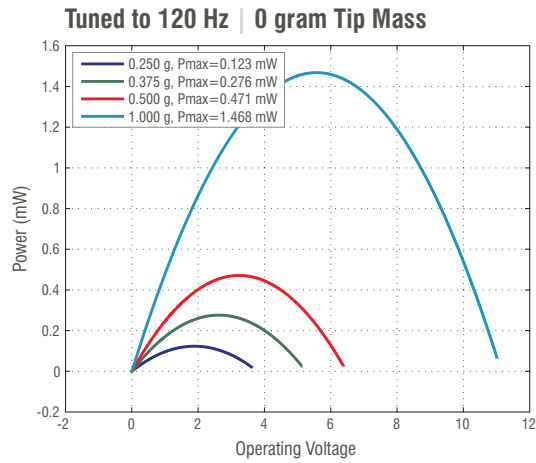
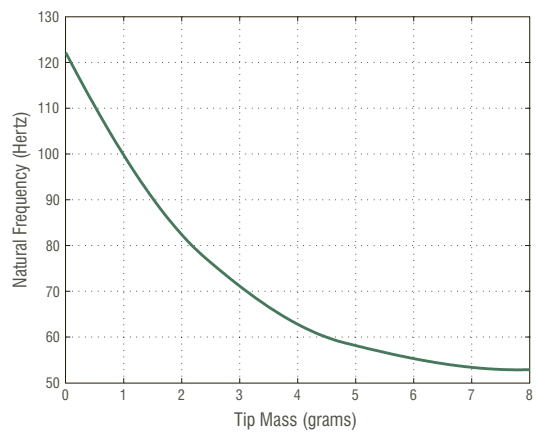


V25W TYPICAL PERFORMANCE POWER CHARACTERISTICS



V25W RELATION BETWEEN TIP MASS & NATURAL FREQUENCY



Tip Mass (gram)	Fn (Hz)	Amplitude (g)	Open Circuit Voltage*
0	120	0.25	3.2
0	120	0.375	4.4
0	120	0.5	5.5
0	120	1	10.1
2.4	75	0.25	4.7
2.4	75	0.375	6.5
2.4	75	0.5	7.5
2.4	75	1	11.5
4.8	50	0.25	10.3
4.8	50	0.375	15.4
4.8	50	0.5	18.6
4.8	50	1	29.5
7.8	40	0.25	14.5
7.8	40	0.375	21.2
7.8	40	0.5	27
7.8	40	1	36.6

* piezo wafers connected in series