

MPE Calculation

Step 1)

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm = **Used**
 $[(\text{max.power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}]$

Model Name : **miracle,m M75**

Device Category : **Bluetooth Karaoke Mic**

FCC ID : **2AXWO-MIRACLEM-M75**

Separation distance : **5.0 mm**

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum Average power	Tune-up tolerance	Max. Power with tune-up tolerance		SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
GFSK	2402	5.00	-1.80	± 1.00	-0.80	0.83	0.2578	3.00	PASS
	2441		-1.49		-0.49	0.89	0.2791	3.00	PASS
	2480		-1.37		-0.37	0.92	0.2892	3.00	PASS