

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 M37**

Device Category : **Bluetooth Karaoke Mic**

FCC ID : **2AXWO-MIRACLEM-M37**

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	-7.05	± 1.00	-6.05	0.25	0.0770	3.00	PASS
	2441		-7.32		-6.32	0.23	0.0729	3.00	PASS
	2480		-7.66		-6.66	0.22	0.0680	3.00	PASS