

RF exposure

FCC ID : **2AJ6BBHTG06D101** Device Category : **Portable device**
Separation distance : **5.0 mm**

KDB 447498 - 4.3.1 a)
For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where
- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Modulation	Frequency (MHz)	Min. Test separation distance	Measured Maximum Average power	Tune-up tolerance	Max. Power with tune-up tolerance		Standalone SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
BT LE	2402	5.00	3.26	± 1.00	4.26	2.67	0.8266	3.00	PASS
	2442		3.24		4.24	2.65	0.8297	3.00	PASS
	2480		3.10		4.10	2.57	0.8096	3.00	PASS

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