

# MPE Calculation

Model Name : **INT-2600CO**

Device Category : **Portable device**

FCC ID : **2A8QGIN-T-2600CO**

Separation distance : **5.0 mm**

## **KDB 447498 D01 General RF Exposure Guidance v06 D01 - 4.3.1 a)**

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  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  $\leq 7.5$  for 10-g extremity SAR, where

- f(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 $\leq 50$ mm	Limit	Result
		(mm)	(dBm)	(dB)	(dBm)	(mW)			
BLE 1M	2402	5.00	-7.14	$\pm 1.00$	-6.14	0.24	0.0754	3.00	PASS
	2442		-7.56		-6.56	0.22	0.0690	3.00	PASS
	2480		-8.57		-7.57	0.17	0.0551	3.00	PASS