

MPE ESTIMATION

FCC ID: 2ALG4A1ML20

1. Limit for Portable Equipment Exposure

Frequency	1-g SAR
100MHz-6GHz	3.0

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

2. Estimation Result

Mode		Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
BLE	1M	2402	2.454	1.760	5	0.5455	3.0
		2440	2.426	1.748	5	0.5461	3.0
		2480	2.089	1.618	5	0.5096	3.0
	2M	2402	2.432	1.751	5	0.5428	3.0
		2440	2.403	1.739	5	0.5433	3.0
		2480	2.055	1.605	5	0.5055	3.0

Note: PK Output Power = Conducted Power.
Conducted Power see the test report UNIA22083022ER-61.

-----The End-----