

MPE ESTIMATION FCC ID: 2BKTN-90-2000047

1. Limit for Portable Equipment Exposure

Frequency	1-g SAR		
100MHz-6GHz	3.0		

According to 447498 D01 General RF Exposure Guidance v06 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] •[$\sqrt{f(GHz)}$] ≤ 3.0 for 1-g SAR and ≤ 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

2. Estimation Result

BLE:

Frequency	Reading result(dBµV/m)	PK Output Power (dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
GFSK 2440 MHz	93.79	-1.41	0.723	5	0.2259	3.0

Note: PK Output Power (dBm)= Reading result(dBµV/m)-95.2 Reading result see the test report UNIA24040820ER-61.

The SAR evaluation is not required.

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