

## MPE ESTIMATION

FCC ID: 2BF9B-TITAN-ELITE

### 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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

Where  $f(\text{GHz})$  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 1M:

Frequency	Reading result(dBμV/m)	PK Output Power (dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
GFSK 2480 MHz	98.56	3.36	2.168	5	0.6828	3.0
Note: PK Output Power (dBm)= Reading result(dBμV/m)-95.2 Reading result see the test report UNIA24042832ER-61.						

#### BLE 2M:

Frequency	Reading result(dBμV/m)	PK Output Power (dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
GFSK 2480 MHz	98.55	3.35	2.163	5	0.6813	3.0
Note: PK Output Power (dBm)= Reading result(dBμV/m)-95.2 Reading result see the test report UNIA24042832ER-61.						

The SAR evaluation is not required.

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