

## FCC ID: 2AB4KMETYH8196

According to §15.247(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB447498 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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})]^*$

$[\sqrt{f(\text{GHz})}] \leq 3.0$  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;

The result is rounded to one decimal place for comparison;

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

We use 5mm as separation distance to calculate.

Maximum measured transmitter power:

BT DSS:

Transmit Frequency (GHz)	Mode	Max Conducted Power (dBm)	tune up maximum power(dBm)	Result calculation	1-g SAR
2.402	GFSK	-4.98	-3	0.155	3
2.441	GFSK	-4.50	-3	0.157	3
2.480	GFSK	-4.24	-3	0.158	3
2.402	pi/4-DQPSK	-4.42	-3	0.155	3
2.441	pi/4-DQPSK	-3.86	-3	0.157	3
2.480	pi/4-DQPSK	-3.76	-3	0.158	3
2.402	8DPSK	-4.10	-3	0.155	3
2.441	8DPSK	-4.17	-3	0.157	3
2.480	8DPSK	-3.46	-3	0.158	3

### Conclusion:

For the max result :  $0.158 \leq 3.0$  for 1-g SAR extremity SAR, No SAR is required.

Signature:



Date: 2022.9.15

**NAME AND TITLE (Please print or type):** Lisa Wang/Manager

**COMPANY (Please print or type):** Shenzhen EMTEK Co.,Ltd./Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China