

## FCC ID: 2AFOE-MINIVETYK01

### **Portable device**

According to §15.247(e)(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 V05

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.

We used a distance 50mm to calculated

Maximum measured transmitter power:

Transmit Frequency (GHz)	Mode	Measured power (dBm)	Tune-up power (dBm)	Max tune-up power (dBm)	Result calculation	1-g SAR
2.409	QPSK	9.628	9.2±0.5	9.70	2.8970	3.0
2.443	QPSK	8.955	9.2±0.5	9.70	2.9174	3.0
2.475	QPSK	9.521	9.2±0.5	9.70	2.9364	3.0

#### **Conclusion:**

For the max result :  $2.9364 \leq 3.0$  for 1-g SAR extremity SAR, No SAR is required.

SHENZHEN EMTEK CO., LTD.



Lisa Wang/EMC Manager