

**FCC ID: 2AAMS-M17S**

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 V06

The 1-g SAR 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
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

	Channel Freq. (GHz)	Max Conducted power (dBm)	Conducted power (mW)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion
BT	2.402	-1.15	0.77	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.441					1.00	<5	0.31247	3.00	YES
	2.48					1.00	<5	0.31496	3.00	YES
BLE	2.402	-0.25	0.94	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.44					1.00	<5	0.31241	3.00	YES
	2.48					1.00	<5	0.31496	3.00	YES
WIFI 2.4G	2.412	6.13	4.10	6±1	7.00	5.01	<5	1.55617	3.00	YES
	2.442					5.01	<5	1.56582	3.00	YES
	2.462					5.01	<5	1.57221	3.00	YES
WIFI 5.1G	5.18	5.22	3.33	5±1	6.00	4.00	<5	1.82077	3.00	YES
	5.2					4.00	<5	1.82428	3.00	YES
	5.24					4.00	<5	1.83128	3.00	YES
WIFI 5.8G	5.745	6.49	4.46	6±1	7.00	5.01	<5	2.40167	3.00	YES
	5.785					5.01	<5	2.41001	3.00	YES
	5.825					5.01	<5	2.41833	3.00	YES

**Conclusion:**

For the max result :  $2.41833 \leq \text{FCC Limit } 3.0$  for 1g SAR.  
The Product unsupported at the same time to Transmitting.