

**FCC ID: 2APMJ-FITBUDS1**

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.

BT:

Modulation	Channel Freq. (GHz)	Conduct ed power (dBm)	Conducte d 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
GFSK	2.402	-4.27	0.37	-4±1	-3	0.50	<5	0.15535	3.00	YES
	2.441	-3.62	0.43	-4±1	-3	0.50	<5	0.15661	3.00	YES
	2.480	-3.2	0.48	-4±1	-3	0.50	<5	0.15785	3.00	YES
π/4-DQPSK	2.402	-2.51	0.56	-2±1	-1	0.79	<5	0.24622	3.00	YES
	2.441	-1.849	0.65	-2±1	-1	0.79	<5	0.24821	3.00	YES
	2.480	-1.1	0.78	-2±1	-1	0.79	<5	0.25018	3.00	YES
8-DQPSK	2.402	-2.183	0.60	-1.5±1	-0.5	0.89	<5	0.27626	3.00	YES
	2.441	-1.485	0.71	-1.5±1	-0.5	0.89	<5	0.27849	3.00	YES
	2.480	-0.516	0.89	-1.5±1	-0.5	0.89	<5	0.28071	3.00	YES

**Conclusion:**

For the max result :  $0.28071 \leq 3.0$  for 1g SAR, SAR is not required.



**Signature:**

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