

**FCC ID:2BF15-DF16**

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:

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

- $f(\text{GHZ})$  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.

EDR:

Modulation	Channel Freq. (GHz)	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
GFSK	2.402	4.423	2.77	4 $\pm$ 1	5.00	3.16	<5	0.98020	3.00	YES
	2.441	4.415	2.76	4 $\pm$ 1	5.00	3.16	<5	0.98813	3.00	YES
	2.480	4.505	2.82	4 $\pm$ 1	5.00	3.16	<5	0.99599	3.00	YES
$\pi$ /4DQPSK	2.402	6.666	4.64	6 $\pm$ 1	7.00	5.01	<5	1.55352	3.00	YES
	2.441	6.573	4.54	6 $\pm$ 1	7.00	5.01	<5	1.56608	3.00	YES
	2.480	6.751	4.73	6 $\pm$ 1	7.00	5.01	<5	1.57854	3.00	YES
8DQPSK	2.402	7.173	5.22	7 $\pm$ 1	8.00	6.31	<5	1.95576	3.00	YES
	2.441	7.159	5.20	7 $\pm$ 1	8.00	6.31	<5	1.97158	3.00	YES
	2.480	7.297	5.37	7 $\pm$ 1	8.00	6.31	<5	1.98727	3.00	YES

**Conclusion:**

For the max result :  $1.98727 \leq$  FCC Limit 3.0 for 1g SAR.