

**FCC ID: 2AONQ-DTUBE2**

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 ≤ 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(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	-3.763	0.42	-3±1	-2	0.63	<5	0.19558	3.00	YES
	2.441	-2.417	0.57	-3±1	-2	0.63	<5	0.19716	3.00	YES
	2.480	-2.306	0.59	-3±1	-2	0.63	<5	0.19873	3.00	YES
π/4-DQPSK	2.402	-0.929	0.81	0±1	1	1.26	<5	0.39023	3.00	YES
	2.441	0.382	1.09	0±1	1	1.26	<5	0.39338	3.00	YES
	2.480	0.444	1.11	0±1	1	1.26	<5	0.39651	3.00	YES
8-DQPSK	2.402	-0.616	0.87	-0.6±1	0.4	1.10	<5	0.33987	3.00	YES
	2.441	1.071	1.28	1±1	2	1.58	<5	0.49524	3.00	YES
	2.480	1.246	1.33	1±1	2	1.58	<5	0.49918	3.00	YES

**Conclusion:**

For the max result :  $0.49918 \leq 3.0$  for 1g SAR, SAR is not required.



**Signature:**

**Date:** 2021-05-24

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