

FCC ID: 2ABYN018

Portable device

According to §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 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.

Antenna Type : External Antenna

Antenna Gain: -0.94 dBi

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	1g SAR Exclusion threshold	SAR test exclusion
0.51456	-5.802	0.263	-6±1	-5	0.316	<5	0.04537	3.00	YES
0.53465	-8.627	0.137	-9±1	-8	0.158	<5	0.02318	3.00	YES
0.55392	-6.304	0.234	-6±1	-5	0.316	<5	0.04707	3.00	YES

**Conclusion:**

For the max result :  $0.04707 \leq 3.0$  for 1-g SAR, No SAR is required.

**Signature:**



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