

FCC ID:2A695-WM1-1

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:

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

Antenna Type : Built-in UHF antenna

Antenna Gain: -2.31 dBi

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	1g SAR Exclusion threshold	SAR test exclusion
GFSK	0.52	11.908	15.517	11±1	12	15.849	<5	2.28577	3.00	YES
	0.5256	11.887	15.442	11±1	12	15.849	<5	2.29804	3.00	YES
	0.532	11.899	15.485	11±1	12	15.849	<5	2.31199	3.00	YES

Conclusion:

For the max result : $2.29804 \leq 3.0$ for 1-g SAR, No SAR is required.

Signature:

Date: 2022-07-22



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