

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 ≤ 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.

Mode	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
1DH5	2.402	-14.06	0.04	-14±1	-13	0.05	<5	0.01554	3.00	YES
	2.440	-12.89	0.05	-12±1	-11	0.08	<5	0.02482	3.00	YES
	2.480	-13.81	0.04	-13±1	-12	0.06	<5	0.01987	3.00	YES
2DH5	2.402	-13.31	0.05	-13±1	-12	0.06	<5	0.01956	3.00	YES
	2.440	-12.16	0.06	-12±1	-11	0.08	<5	0.02482	3.00	YES
	2.480	-13.17	0.05	-13±1	-12	0.06	<5	0.01987	3.00	YES
3DH5	2.402	-12.81	0.05	-12±1	-11	0.08	<5	0.02462	3.00	YES
	2.440	-11.59	0.07	-11±1	-10	0.10	<5	0.03124	3.00	YES
	2.480	-12.73	0.05	-12±1	-11	0.08	<5	0.02502	3.00	YES
BLE 1M	2.402	-7.65	0.17	-7±1	-6	0.25	<5	0.07786	3.00	YES
	2.440	-6.98	0.20	-6±1	-5	0.32	<5	0.09879	3.00	YES
	2.480	-7.11	0.19	-7±1	-6	0.25	<5	0.07911	3.00	YES
BLE 2M	2.402	-7.61	0.17	-7±1	-6	0.25	<5	0.07786	3.00	YES
	2.440	-7.01	0.20	-7±1	-6	0.25	<5	0.07847	3.00	YES
	2.480	-7.14	0.19	-7±1	-6	0.25	<5	0.07911	3.00	YES

Conclusion:

For the max result :0.09879 $\leq$ 3.0 for 1g SAR, SAR is not required.

Signature:



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