

* RF Exposure

1. Regulation

According to §15.247(i), 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 levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this Chapter.

KDB447498 was used as the guidance.

According to §1.1310 and §2.1093 RF exposure is calculated.

1.1 Result

Test frequency [GHz]	Conducted output power [dBm]	Conducted output power [mW]	Min. test separation distance [mm]	SAR test exclusion thresholds ≤ 7.5 for 10-g SAR
2.480	-11.00	0.08	5.00	0.03

- SAR test exclusion thresholds
= [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)]
= [(0.08)/(5)] · [√2.480] = 0.03

1.2 RF Exposure Compliance Issue

Therefore, EUT is not required the SAR Evaluation.