Environmental evaluation and exposure limit according to FCC CFR 47 part 1, §1.310.

FCC §1.1310 limit of power density for general population/uncontrolled exposure is 1 mW/cm2.

The power density calculation is $S = (P_t / 4\pi r^2)$.

Where:

P_t - The transmitted power EIRP (mW)

r - The distance from the unit. (cm)

The minimum allowed distance from transmitter calculated from the above based on the data appear in the tables below.

The EUT is defined as device designed to be used so that the radiating structure(s) of the device may be used at 20 centimeters distance from the body of the user.

Peak power density for distance 20 cm is $P_t/4\pi r^2$ for each frequency are presented in the tables below.

The results are less than 1 mW/cm² power density limit.

Freq. [GHz]	r [cm]	Pt [mW]	Calculation result [mW/cm²]	FCC Limit [mW/cm²]	Verdict
0.920725	20	268.5	0.05	1	Pass

Freq. [GHz]	r [cm]	Pt [mW]	Calculation result [mW/cm²]	FCC Limit [mW/cm²]	Verdict
2.452 (WiFi)	25	6.15	0.001	1	Yes

Freq. [GHz]	r [cm]	Pt [mW]	Calculation result [mW/cm²]	FCC Limit [mW/cm²]	Verdict
2.48 (BT)	25	1.49	0.3×10^{-3}	1	Yes