

MPE CALCULATION

FCC ID: I28-W2WLAN11G / IC ID: 3798B-W2WLAN11G

RF Exposure Requirements:	47 CFR §1. 1307(b)
RF Radiation Exposure Limits:	47 CFR §1. 1310
RF Radiation Exposure Guidelines:	FCC OST/OET Bulletin Number 65
EUT Frequency Band:	2412-2462 MHz
Limits for General Population/Uncontrolled Exposure in the band of:	1500 - 100,000 MHz
Power Density Limit:	1 mW / cm ²

Equation: $S = PG / 4\pi R^2$ or $R = \sqrt{PG / 4\pi S}$
Where, S = Power Density
P = Power Input to Antenna
G = Antenna Gain
R = distance to the center of radiated antenna

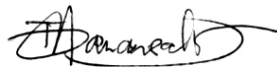
Prediction distance 20cm

(WLAN 2.4GHz): Power = 12.3 dBm, Antenna Gain = 2 dBi, Power density = 0.00369 mW/cm²

Mode	Prediction Distance (cm)	Target power (dBm)	Max. Antenna Gain (dBi)	Power Density (mW/cm ²)
WLAN 2.4GHz	20	12.3	2	0.00369

The Above Result had shown that the Device complied with MPE requirement.

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