

MPE CALCULATION

FCC ID: S9GP300

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:	5260 – 5320 MHz, 5500 - 5700MHz
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

EUT: P300

(UNII Band): Power = 15.88dBm, Antenna Gain = 14 dBi, Power density = 0.19 mW/ cm²

Total Ratio= 0.19mW/ cm²

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

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