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: 5180 – 5240 MHz, 5745 - 5825MHz

Limits for General Population/Uncontrolled Exposure in the band of: 1500 - 100,000 MHz

Power Density Limit: 1 mW / cm²

Equation: S = PG / 4π R² or R = \sqrt{PG} / 4π 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 (Point to Multi-point)

(UNII Band): Power = 14.64dBm, Antenna Gain = 21 dBi, Power density = 0.78 mW/ cm²

Total Ratio= 0.78mW/ cm²

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

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