MPE CALCULATION

FCC ID: W38-20001499 **/ IC ID:** 8854A-20001499

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): Power = 15.74 dBm, Antenna Gain = 2.5 dBi, Power density = 0.0187 mW/cm^2

Mode	Prediction Distance (cm)	Target power (dBm)	Tune up power tolerance (dB)	Max Tune up Power (dBm)	Max. Antenna Gain (dBi)	Power Density (mW/ cm^2)
DTS	20	15.74	1.5	17.24	2.5	0.0187

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

Completed By: Teody Manansala

SIEMIC, Inc

775 Montague Expressway, Milpitas, CA 95035

Phone: (408) 526-1188

Date: June 4, 2015