

MPE CALCULATION
FCC ID: GKM- XT3630F

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: 902.104 – 902.296 MHz
Limits for General Population/Uncontrolled Exposure in the band of: 300 - 1500 MHz
Power Density Limit: 0.601 mW/cm²

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

Prediction Distance (cm)	Target power (mW)	Max. Antenna Gain (dBi)	Power Density (mW/ cm ²)
20	255.15	-0.5	0.045241

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

Completed By: Cipher



SIEMIC, Inc.
775 Montague Expressway, Milpitas, CA 95035
Date: 06/08/2017