MPE CALCULATION

For Outform Ltd

Model: UID0004-B;UID0004-W

FCC ID: Y34-UID0004

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 / 47 CFR §2.1091

EUT Frequency Band: 2412MHz-2462MHz 2422MHz-2452MHz

Limits for General Population/Uncontrolled Exposure in the band of: 1500 – 100,000 MHz
Power Density Limit: 1.0mW/ cm2;

Equation: $S = PG / 4\pi R2$ 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

High Channel (2462.00 MHz): Power = 12.00 dBm, Antenna Gain = 0.79 dBi, Prediction distance 20 cm

S = 0.0035321mW/cm2

Result
The Above Result had shown that Device complied with 1.0 mW/cm2 Power density requirement for distance of 20 cm.

Completed By : Alex Wang
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