

MPE Evaluation

Applicant: Kanto Living Inc.

FCC ID: QKH-YUMAX

IC: 10678A-YUMAX

Model: YU MAX

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06 and FCC 1.1310 Radiofrequency radiation exposure limits for General Population/Uncontrolled Exposure.

EUT RF Exposure

Bluetooth (Classic mode):

The Max Output Power is 1.543 dBm in BDR mode(DH5) Highest channel (2. 480GHz);

Antenna gain: 0dBi

R=20cm

$$S=PG/(4 \pi R^2)=0.00028 \text{ mW/cm}^2 < 1(\text{limits})\text{mW/cm}^2$$

Bluetooth (BLE mode):

The Max Output Power is 1.060 dBm in Highest channel (2. 480GHz);

Antenna gain: 0dBi

R=20cm

$$S=PG/(4 \pi R^2)=0.00025 \text{ mW/cm}^2 < 1(\text{limits})\text{mW/cm}^2$$