

MPE Evaluation

Applicant: Kanto Living Inc.

FCC ID: QKH-YUMIX

IC: 10678A-YUMIX

Model: YUMI X

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 0.904 dBm in BDR mode (DH5) Highest channel (2.480GHz);

Antenna gain: 0dBi

R=20cm

$S = PG / (4 \pi R^2) = 0.000245 \text{ mW/cm}^2 < 1 \text{ (limits) mW/cm}^2$

Bluetooth (BLE mode):

The Max Output Power is 0.620 dBm in Highest channel (2.480GHz);

Antenna gain: 0dBi

R=20cm

$S = PG / (4 \pi R^2) = 0.000229 \text{ mW/cm}^2 < 1 \text{ (limits) mW/cm}^2$