

MPE Evaluation

Applicant: Aurodi Corporation

FCC ID: 2BBTA-VTS13W0X

Model: VTS13W01

MPE 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

$$P_d = PG / (4 \pi R^2)$$

P_d = power density in mW/cm²

P = output power to antenna in mW

G = gain of antenna in linear scale

$$\pi = 3.14$$

R = distance between observation point and center of the radiator in cm

The Max Output Power is -1.62dBm, in 2.475GHz.

Antenna gain: 2.0 dBi, gain of antenna in linear scale: 1.58

$R = 20\text{cm}$

$$P_d = PG / (4 \pi R^2) = 0.000217 \text{ mW/cm}^2 < 1 \text{ (limits) mW/cm}^2$$

--END--