

RF Exposure Requirements

Product Description: Wireless Microphone

Model No.: GXL-U

FCC ID: OQ5GXL-U

According to the KDB 447498 D01 V05, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Tx Frequency Range: 543.1MHz, 554.5MHz, 567.1MHz, 593.5MHz

Maximum Conducted Output Power: 15.48 dBm (543.1MHz)

Maximum Antenna Gain: -3 dBi

Maximum ERP Output Power: 17.70 mW (12.48 dBm)

Minimum Separation Distance: 0.5 cm

Limit: 20.35 mW

Source-based time-averaged ERP output power is $17.70 \text{ mW} < 20.35 \text{ mW}$

So the transmitter complies with the RF exposure requirements and the SAR is not required.