

RF Exposure Requirements

Product Description: Wireless Microphone

Model No.: GXL-V

FCC ID: OQ5GXL-V

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

Tx Frequency Range: 185.8MHz, 187.75MHz, 205.75MHz, 213.74MHz

Maximum Conducted Output Power: 14.03 dBm (213.74MHz)

Maximum Antenna Gain: -3 dBi

Maximum ERP Output Power: 12.68 mW (11.03 dBm)

Minimum Separation Distance: 0.5 cm

Limit: 32.45 mW

Source-based time-averaged ERP output power is $12.68 \text{ mW} < 32.45 \text{ mW}$

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