

RF Exposure Requirements

Product Description: Bluetooth Headset

Model No.: Q8

FCC ID: RDRHLQ8

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

Tx frequency range: 2402~2480MHz

Antenna-to-tissue separation: <2.5 cm

Maximum Conducted Output Power: 1.54dBm (at the 2402MHz channel of GFSK mode)

Antenna Gain: 2dBi

Maximum Output Power: 2.2594 mW

Maximum Duty Factor: 100%

$60/f(\text{GHz}) \text{ mW} = 24.98 \text{ mW}$

Source-based time-averaged RF output power is 2.2594 mW $\leq 60/f$

Therefore, the transmitter complied with the RF exposure requirement and the SAR is not required.