

RF Exposure Requirements

Product Description: MID

Model No.: HSG-X5

FCC ID: YSFHSG-X5

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

Tx frequency range: 2412~2462MHz

Antenna-to-tissue separation: 2.5 cm

Maximum Output Power: 8.912mW (9.5dBm at channel 2412MHz of the 802.11b mode)

Maximum Duty Factor: 100%

$60/f(\text{GHz}) \text{ mW} = 24.87 \text{ mW}$

Source-based time-averaged conducted output power is $8.912\text{mW} \leq 60/f(\text{mW})$

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