

RF Exposure Requirements

Product Description: Air pen express

Model No.: A500

FCC ID: A4S-6W51

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

Tx frequency range: 2412~2462MHz

Device category: device

Maximum Conducted Output Power: 16.11 mW (12.07 dBm)

Maximum Antenna Gain: 1.24dBi

Maximum EIRP Output Power: 21.43 mW (13.31 dBm)

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

Source-based time-averaged RF output power is 21.43 mW $\leq 60/f$

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