

RF Exposure Requirements

Product Description: Mobile Internet Device

Model No.: S901

FCC ID: 2AAL9901GKLPT

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

WIFI:

Tx frequency range: 2412~2472MHz

Device category: Portable Device

Maximum Conducted Output Power: 7.27 dBm (5.3333 mW)

Maximum Antenna Gain: 2.0 dBi

Maximum EIRP Output Power: 9.27 dBm (8.4528 mW)

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged EIRP output power is 8.4528 mW < 10 mW

BT:

Tx frequency range: 2402~2480MHz

Device category: Portable Device

Maximum Conducted Output Power: 0.996 dBm (1.2578 mW)

Maximum Antenna Gain: 2 dBi

Maximum EIRP Output Power: 2.996 dBm (1.9934 mW)

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged EIRP output power is 1.9934 mW < 10 mW

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