

RF Exposure Requirements

Product Description: Entertainment Tablet

Model No.: W032I

FCC ID: 22ACGUW032I

According to the KDB-447498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

For Bluetooth-EDR

Tx frequency range: 2402-2480MHz

Device category: Portable Device

Maximum Conducted Output Power: 3.98 mW (6.0dBm)

Maximum Antenna Gain: 1.86dBi

Maximum EIRP Output Power: 6.11mW (7.86dBm)

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged EIRP output power is 6.11 mW < 10 mW

For Bluetooth-BLE

Tx frequency range: 2402-2480MHz

Device category: Portable Device

Maximum Conducted Output Power: 5.01 mW (7.0dBm)

Maximum Antenna Gain: 1.86dBi

Maximum EIRP Output Power: 7.69mW (8.86dBm)

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged EIRP output power is 7.69 mW < 10 mW

Wi-Fi (802.11b/g/n)

Tx frequency range: 2412~2472MHz

Device category: Portable Device

Maximum Conducted Output Power: 5.42 mW (7.34dBm)

Maximum Antenna Gain: 1.86dBi

Maximum EIRP Output Power: 8.32 mW (9.20dBm)

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged EIRP output power is 8.32mW < 10 mW

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