

RF Exposure Requirements

Product Description: Tablet PC

Model No.: 360M

FCC ID: ZL9-360M

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

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device

Maximum Conducted Output Power: 4.977dBm

Maximum Conducted Output Power: 3.145mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged Conducted output power is 3.145mW < 10 mW

WIFI 2.4G

Tx frequency range: 2412~2462MHz

Device category: Portable device

Maximum Conducted Output Power: 8.19dBm

Maximum Conducted Output Power: 6.59mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged Conducted output power is 6.59mW < 10 mW

WIFI 5.2G

Tx frequency range: 5150-5250MHz

Device category: Portable device

Maximum Conducted Output Power: 8.43dBm

Maximum Conducted Output Power: 6.97mW

Minimum Distance: 5mm

Limit: 7mW

Source-based time-averaged Conducted output power is 6.97mW < 7 mW

WIFI 5.8G

Tx frequency range: 5.725-5.825MHz

Device category: Portable device

Maximum Conducted Output Power: 6.51dBm

Maximum Conducted Output Power: 4.48mW

Minimum Distance: 5mm

Limit: 6mW

Source-based time-averaged Conducted output power is $4.48\text{mW} < 6\text{ mW}$

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