

FCC RF Exposure

EUT Description: MID
Model No.: MID8506CM
FCC ID: M7CMID011

1. Applicable Standard

According to §1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. This is a Portable device. KDB 447498 D01 General RF Exposure Guidance v05 was used as the guidance.

According to §1.1310 and §2.1093 RF exposure is calculated.

2. RF Exposure Calculation Result:

802.11b/g/n:

Frequency: 2412-2462 MHz

Modulation: DSSS (CCK, OFDM, DBPSK, DQPSK)

Mid-Channel: 2.412 GHz (channel 01)

Antenna Gain: G = 2 dBi

According to the requirement of KDB 447498 D01 General RF Exposure Guidance v05 Appendix A SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm.

The Max Peak Power measured and achieved in 11b mode is: 9.71 dBm = 9.35 mW < 10 mW (Thresholds) and the exact distance from (the closest part of) the internal antenna to the outside surface of the tablet is greater than 5mm.

The SAR measurement is not necessary.