

FCC RF Exposure

EUT Description: MID

Model No.: PI070H04CA

FCC ID: RQ2PI070H04CA

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: CCK, DQPSK, DBPSK for DSSS

BPSK, QPSK, 16QAM and 64QAM for OFDM

Max Peak power:

802.11b Mode: 9.52dBm

802.11g Mode: 9.48 dBm

802.11n HT20 Mode:9.19 dBm

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 maximum measured output power is 9.52dBm (8.95mW) and the maximum power specification in the Tune Up information is 9.7dBm (9.33mW). Both of them are lower than 10mW of SAR exemption threshold as mentioned in KDB447498 V05, therefore the SAR evaluation is not required for this submission.

The SAR measurement is not necessary.