

RF Exposure

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. **KDB616217 was used as the guidance.**

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

Measurement Result

For 802.11g Mode:

This is a Mobile Internet Device and the conducted output power is 9.22dBm (8.356mW), so the EIRP is $8.356 \times 2.138 = 17.865\text{mW}$ which is lower than low threshold 60/fGHz mW ($60/2.462\text{GHz} = 24.37\text{ mW}$), and the antenna is 3.3dBi which is less than 6dBi.

For 802.11b Mode:

This is a Mobile Internet Device and the conducted output power is 9.79dBm (9.528mW), so the EIRP is $9.528 \times 2.138 = 20.371\text{mW}$ which is lower than low threshold 60/fGHz mW ($60/2.462\text{GHz} = 24.37\text{ mW}$), and the antenna is 3.3dBi which is less than 6dBi.

The SAR measurement is not necessary.