

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

This is a laptop and the conducted output power is -6.69dBm (0.214mW), so the EIRP is $1.585 \times 0.214 = 0.125\text{mW}$ which is lower than low threshold 60/fGHz mW ($60/2.462\text{GHz} = 24.37\text{mW}$), and the antenna is 2.0dBi which is less than 6dBi.

The SAR measurement is not necessary.