

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 D02 was used as the guidance.**

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

Measurement Result

for Wi-Fi mode:

This is a laptop and the conducted output power is 5.43dBm (3.49mW), which is lower than low threshold $60/\text{fGHz mW}$ ($60/2.462\text{GHz} = 24.37 \text{ mW}$), and the antenna is 2dBi which is less than 6dBi.

For Bluetooth mode:

This is a laptop and the conducted output power is -3.35dBm (0.462mW), which is lower than low threshold $60/\text{fGHz mW}$ ($60/2.462\text{GHz} = 24.37 \text{ mW}$), and the antenna is 5.5dBi which is less than 6dBi.

The SAR measurement is not necessary.