

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 (Worse Case):

This is a Tablet PC and the conducted output power is 10.68dBm (11.695mW), so the EIRP is $11.695 * 1.622 = 18.969$ mW which is lower than low threshold $60/f\text{GHz}$ mW ($60/2.462\text{GHz} = 24.37$ mW), and the antenna is 2.1 dBi which is less than 6dBi.

The SAR measurement is not necessary.