

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 10.53dBm (11.30mW), so the EIRP is $11.30 * 1.622 = 18.328\text{mW}$ which is lower than low threshold $60/f\text{GHz mW}$ ($60/2.462\text{GHz} = 24.37\text{mW}$), and the antenna is 2.1dBi which is less than 6dBi.

The SAR measurement is not necessary.