

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 MID and the conducted output power is 10.26dBm (10.617mW), so the EIRP is $1.585 \times 10.617 = 16.828\text{mW}$ which is lower than low threshold $60/f\text{GHz mW}$ ($60/2.480\text{GHz} = 24.19\text{mW}$), and the antenna is 2.0dBi which is less than 6dBi.

The SAR measurement is not necessary.