

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 Bluetooth Speaker and the conducted output power is 1.13dBm (1.297mW) , so the EIRP is $1 \times 1.297 = 1.297\text{mW}$ which is lower than low threshold $60/\text{fGHz mW}$ ($60/2.480\text{GHz} = 24.19\text{ mW}$), and the antenna is 0.0dBi which is less than 6dBi.

The SAR measurement is not necessary.