

RF Exposure

FCC ID : A3LSSG5100

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 3D Active Glasses can be used in a Portable device.

KDB616217 was used as the guidance.

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

Measurement Result

This is the 3D Active Glasses and the conducted output power is -1.77 dBm (0.665 mW).

For EUT with PIFA Antenna:

The antenna is 3.96 dBi (2.489 Numeric) which is less than 6 dBi.

Therefore, the EIRP is $0.665 \times 2.489 = 1.655 \text{ mW}$ which is lower than low threshold $60/f \text{ GHz mW}$
($60/2.441\text{GHz} = 24.58 \text{ mW}$)

The SAR measurement is not necessary.