

RF Exposure

FCC ID : A4LRMCTPF

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 Smart Touch Control 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 Smart Touch Control and the conducted output power is 3.67 dBm (2.328 mW).

For EUT with Chip Antenna:

The antenna is 3.5 dBi (2.239 Numeric) which is less than 6 dBi.

Therefore, the EIRP is $2.328 \times 2.239 = 5.212$ mW which is lower than low threshold $60/f$ GHz mW ($60/2.441\text{GHz} = 24.58$ mW)

The SAR measurement is not necessary.