

RF Exposure

FCC ID : A3LVGKBD2000

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

Model name	Conducted output power (dBm)	Conducted output power (mW)	Antenna gain (dBi)	Antenna gain (Numeric)	*Conducted output power (EIRP) (mW)	**Low threshold for general public (mW)
VG-KBD2000	2.99	1.99	3.50	2.24	4.46	24.58

Notes:

1. **Conducted output power (EIRP) (mW) = Conducted output power(mW) x Antenna gain (Numeric)*
2. ***Low threshold for general public (mW) = $60/f \text{ GHz}$ = $60/2.441 \text{ GHz}$*

Therefore, VG-KBD2000 is not required the SAR Evaluation.