



SAR Exclusion Letter

FCC ID:	2ASP2KBD-003
Customer	KUNYOONG IBC CO., LTD.
Model Name	KBD-003
Product name	KY-KeyPad

According to the FCC KDB 447498 D01 v06 section 4.3.1, for 10MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\frac{\text{MaxPowerofChannel(mW)}}{\text{TestSeparationDistance(mm)}} * \sqrt{\text{Frequency(GHz)}} \leq 3.0(1\text{g SAR}), 7.5(10\text{g SAR})$$

where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Calcultaion Result:

Tx Frequency range: 2402 MHz ~ 2480 MHz

Min. test separation distance: 5 mm

Maximum Output Power: -2.08 dBm (0.62mW)

RF Channel transmit frequency: 2402 MHz, 2440 MHz, 2480 MHz

Frequency [MHz]	Maximum Allowed Power [mW]	Separation Distance [mm]	≤ 3.0 1-g SAR
2402	0.66	5	0.20
2440	0.55		0.17
2480	0.36		0.11