

# FCC RF Exposure

EUT Description: **GAME PAD**

Model No.: **SB914539, SB909375, SB914850, SB913709, SB912757, SB914522, SB912726, SB912733, SB912740, SB914881**

FCC ID: **2AKMJ-SB914539**

## 1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$ 50 mm are determined by:

$[(\text{max power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR,

Where:

Result= $P/D \cdot \sqrt{F}$

F= the RF channel transmit frequency in GHz

P=Maximum turn-up power in mw

D=Min. test separation distance in mm

## 2. Test Result of RF Exposure Evaluation

2.4G

	Transmit frequency	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit (mW/cm <sup>2</sup> )	SAR Test Exclusion
EDR	2480	0.942	0±1	1/ 1.259	5	0.397	3.0	Pass

Note:  
PK Output power= conducted power.  
Conducted power see the test report HK1911152895-E,  
antenna gain=0dBi

Per KDB 447498 D01, when the minimum test separation distance is  $<$  5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.397 which is  $\leq$  3, SAR testing is not required.

Note: Exclusion Thresholds Results= $[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

Distance=5mm