## FCC RF Exposure

**EUT Description: BSW013** 

Model No.: BSW013, R9, R10, R11, R12, R13, R14

FCC ID: 2A4OB-BSW013

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

Where:

Result=P/D\* √ 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

Frequency	Output	Tune Up	Max	Min test	Result	Limit	SAR Test
(MHz)	power	Power	Tune Up	separati		(mW/cm <sup>2</sup> )	Exclusion
	(dBm)	(dBm)	power	on			
			dBm/mW	distance			
				mm			
BLE: 2402	4.81	4±1	5/3.16	5	0.979	3.0	Pass
EDR: 2480	0.71	0±1	1/1.26	5	0.391	3.0	Pass

Note:

PK Output power= conducted power.

Conducted power see the test report HK2202250697-1E/2E, 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 RF Exposure test exclusion. The test exclusion threshold is 0.979 which is<= 3, RF Exposure testing is not required.

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

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

Distance=5mm