

# RF Exposure Evaluation

## FCC ID: 2AGDK-BKKVRCM1

### 1. Client Information

**Applicant** : Golden Convention Limited  
**Address** : Unit17, 43/F, OneMidtown, 11 Hoi Shing Road, Tsuen Wan, Hong Kong  
**Manufacturer** : Golden Convention Limited  
**Address** : Unit17, 43/F, OneMidtown, 11 Hoi Shing Road, Tsuen Wan, Hong Kong

### 2. General Description of EUT

<b>EUT Name</b>	:	BKK masturbation cup and VR helmet	
<b>Models No.</b>	:	BKK_VR_C_M-1	
<b>Model difference</b>	:	N/A	
<b>Product Description</b>	:	Operation Frequency: Bluetooth(BLE):2402~2480MHz	
		Number of Channel:	BLE: 40 channels
		Max Peak Output Power:	BLE: 0.06 dBm
		Antenna Gain:	-3 dBi PCB Antenna
		Modulation Type:	GFSK 1Mbps
<b>Power Supply</b>	:	DC Voltage supplied from Host System by USB cable. DC power by Li-ion Battery.	
<b>Power Rating</b>	:	DC 5.0V by USB cable. DC 3.7V 320mAh Li-ion Battery.	
<b>Connecting I/O Port(S)</b>	:	Please refer to the User's Manual	

#### Note:

More test information about the EUT please refer the RF Test Report.



## SAR Test Exclusion Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v05r02.

- (1) Clause 4.3: General SAR test reduction and exclusion guidance

- Sub clause 4.31: Standalone SAR test exclusion considerations

- 1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance  $\leq 5$  mm are determined by:

- [(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)] \*  $[\sqrt{f_{\text{(GHz)}}}] \leq 3.0$  for 1-g SAR

- [(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)] \*  $[\sqrt{f_{\text{(GHz)}}}] \leq 7.5.0$  for 10-g SAR

- 2.

- Calculation:

Test separation: 5mm					
BLE(GFSK)					
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	0.06	$\pm 0.5$	1.138	0.353	3.0
2.442	-0.68	$\pm 0.5$	0.959	0.300	3.0
2.480	-1.09	$\pm 0.5$	0.873	0.275	3.0

So standalone SAR measurements are not required.