

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

EUT Name	:	BKK masturbation cup and VR helmet
Models No.	:	BKK_VR_C_M-1
Model difference	:	N/A
Product Description	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
Power Supply	:	DC Voltage supplied from Host System by USB cable. DC power by Li-ion Battery.
Power Rating	:	DC 5.0V by USB cable. DC 3.7V 320mAh Li-ion Battery.
Connecting I/O Port(S)	:	Please refer to the User's Manual

Note:

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

[TB-RF-074-1.0](#)

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 ≤ 5 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f_{(\text{GHz})}}] \leq 3.0 \text{ for 1-g SAR}$$
$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f_{(\text{GHz})}}] \leq 7.5.0 \text{ for 10-g SAR}$$

- 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	± 0.5	1.138	0.353	3.0
2.442	-0.68	± 0.5	0.959	0.300	3.0
2.480	-1.09	± 0.5	0.873	0.275	3.0

So standalone SAR measurements are not required.