



## SAR exemption evaluation

**Applicant** iRiding (Xiamen) Technology Co.,Ltd.  
**FCC ID** 2ANOPQICYCLER1  
**Product** Bluetooth Converter  
**Brand** QiCYCLE  
**Model** QiCYCLE R1  
**Report No.** RXA1708-0310SAR  
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Approved by: Jiangpeng Lan

Reviewed by: Kai Xu

### TA Technology (Shanghai) Co., Ltd.

No.145, Jintang Rd, Tangzhen Industry Park, Pudong Shanghai, China

TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

## Conducted Power

Network Standards	Carrier frequency (MHz)	Average Output Power (dBm)	Conclusion
Bluetooth (Low Energy)	2402	-0.28	PASS
	2440	0.57	PASS
	2480	-0.39	PASS

Per KDB 447498 D01, 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

- $f(\text{GHz})$  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

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.

Bluetooth	Distance (mm)	MAX Power (dBm)	Frequency (MHz)	Ratio	Evaluation
Body-worn	10	0.57	2480	0.18	No